Seismological Tables: *ak135*

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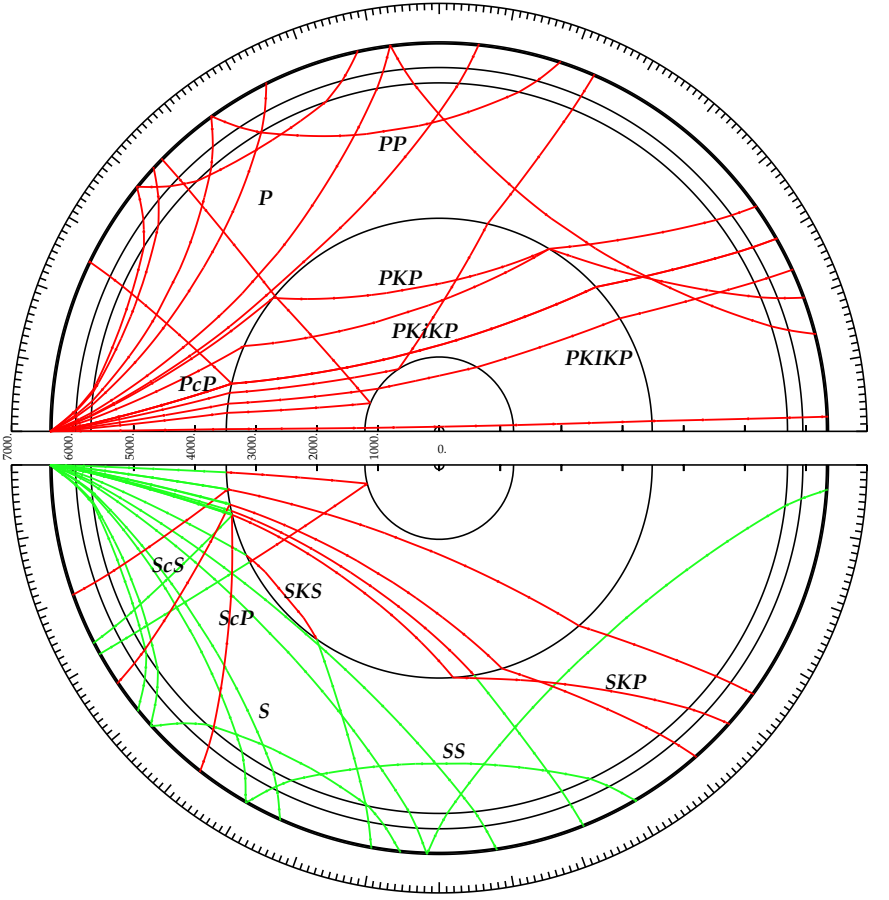
CONTENTS:

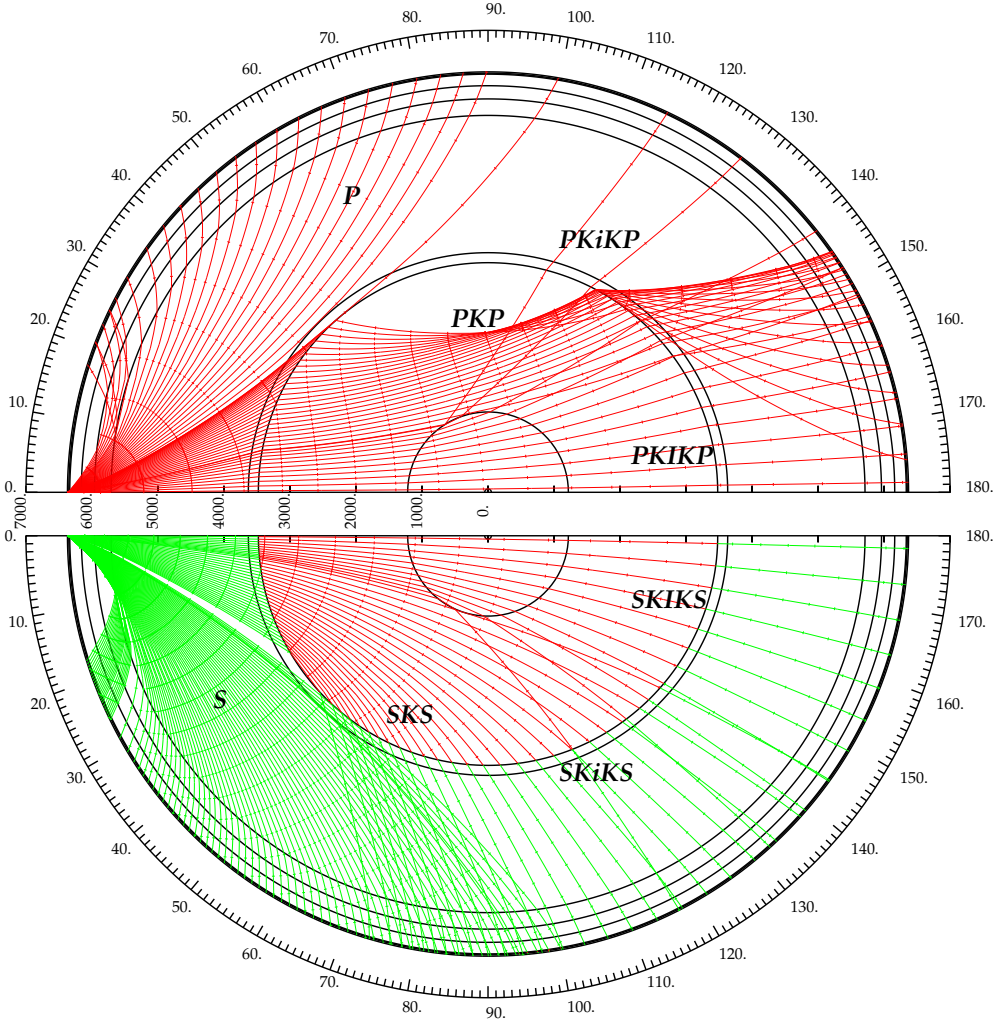
Introduction:

The *ak135* tables represent an update of the *iasp91* travel time tables (Kennett & Engdahl, 1991) to try to match the behaviour of a wider range of phases. The construction process for the *ak135* model was described by Kennett, Engdahl & Buland (1995), and was based on new empirical travel time tables obtained by relocating events using the *iasp91* model. Like its predecessor, *ak135* is a radially stratified velocity model and the travel time tables are derived from the model so that a consistent basis exists for all phases. The P wave travel times are very similar to *iasp91*, but more significant changes are introduced for S and particularly the core phases. The *ak135* tables have been used as the basis for the systematic relocation of events by Engdahl, van der Hilst & Buland (1998) and the subsequent updates of their catalogue.

Because the times for all phases are derived from the same velocity model, there is complete consistency between the travel times for different branches at different hypocentral depths. The calculation scheme adopted for the *ak135* tables is that proposed by Buland & Chapman (1983). Tables of delay time as a function of slowness are stored and interpolated using a specially designed tau-spline system which takes care of square-root singularities in the derivatives of the travel times for a source at arbitrary depth. A further advantage over standard tables is that exactly the same procedure can be used for each phase. It is therefore possible to generate extremely rapidly a comprehensive list of travel times for the main seismic phases which could be observed at given epicentral distance.


PP
P
PKP
PKiKP
PKIKP
PcP
ScS
SKS
ScP
SKP
S
SS
7000
6000
5000
4000
3000
2000
1000
0.

Ray paths for main phases


P
PKiKP
PKP
PKIKP
S
SKS
SKIKS
SKiKS
90.
80.
70.
60.
50.
40.
30.
20.
10.
0.
100.
110.
120.
130.
140.
150.
160.
170.
180.
7000.
6000.
5000.
4000.
3000.
2000.
1000.
0.

Description of Travel Time Tables:

This book of tables is intended to provide a convenient reference for the travel times for the major seismic phases and is organised into four sections.

1. TRAVEL TIME TABLES FOR P AND S BODY WAVES:

The tables for P and S body waves are presented at 1° intervals from 0 to 125° for source depths of:

0, 15, 35, 50, 100, 150, 200, 250,
and
300, 350, 400, 450, 500, 550, 600, 650 and 700 km.

For each distance and depth, the travel time is presented in minutes and seconds and is accompanied (in italics) by the corresponding slowness value in seconds/degree.

2. TRAVEL TIME TABLES FOR CORE REFLECTIONS AND CORE PHASES:

This group of tables is displayed in a similar format to the body wave tables (i.e. time in minutes and seconds with associated slowness in italics) with 1° sampling at a common set of source depths: 0, 335, 50, 100, 200, 300, 500, and 700 km.

Core reflections:

PcP:	0-98°	
ScS:	0-98°	
ScP:	0-62°	

Core Phases:

PKPdf:	114-180°	(PKIKP)
PKPab:	145-180°	
PKPbc:	145-155°	
SKSac:	62-144°	
SKSdf:	103-180°	(SKIKS)
SKP :	110-180°	(first arrival for phase)

3. DEPTH PHASES

The differential times for the principal depth phases associated with the body waves are displayed at 1° intervals for a wide range of source depths: 15, 35, 50, 100, 150, 200, 250, 300, 400, 500, 600, and 700 km.

Differential time tables:

pP-P: 2-100°
sP-P: 2-100°
sS-S: 2-100°
pS-S: 22-100°

4. SUMMARY TABLES AT CONSTANT RANGE

In order to aid work in phase association we present a new form of tables organised to display the travel times for a wide range of seismic phases at a fixed range. Tables are presented at 2° intervals from 0 to 180°, for source depths of 0, 100, 300 and 600 km.

For each distance and source depth, the travel times for the seismic phases are shown in minutes and seconds together with the slope of the travel time branch in seconds/degree.

The phases displayed are:

P phases –

P, Pdiff, PP, PcP, PKP, PKiKP, PKKP, PKPPKP (P'P')

Depth phases:

pP, pPdiff, pPKP, pPKiKP
sP, sPdiff, sPKP, sPKiKP

S phases –

S, Sdiff, SS, ScS, SKS, SKKS, SKSSKS (S'S')

Depth phases

sS, sSdiff, sSKS
pS, pSdiff, pSKS

Converted phases –

SP, ScP, SKP, SKKP
PS, PcS, PKS, PKKS

The various branches of the core phase are identified in the tables by lower case suffices.

5. SUMMARY TABLES FOR MAJOR PHASES

Phase times and slownesses are shown at 1° intervals for a selection of important phases, with separate tables for 0, 100, 300 and 600 km depth

1. Mostly mantle phases out to 124°
   P, PP, PcP, S, SS, ScS, ScP, SKSac

2. Mostly core phases from 110°-180°
   PKPab, PKPbc, PKPdf, PP, SKSac, SKSdf, SKP, SS

6. SUMMARY TRAVEL TIME CHARTS

A set of travel time charts for the four source depths 0, 100, 300 and 600 km, for all the tabulated phases.
These include travel time as a function of epicentral distance as well as slowness/distance and Tau/slowness.

Ellipticity Correction Tables

Since the Earth is not a perfect sphere there is a need to allow for the effect of ellipticity when calculating the travel time between source and receiver over extended paths. A set of tables in the formulation of Dziewonski & Gilbert (1976) are presented at 5° intervals for the set of source depths which are common to the earlier detailed tables i.e. 0, 35, 50, 100, 200, 300, 500 and 700 km for a selection of phases:

P phases

P, PcP, PKPab, PKPbc, PKPdf (PKIKP)

S phases

S, ScS, SKSac, SKSdf (SKIKS)

Converted phases

ScP, SKP

The calculation of the ellipticity coefficients were made for the iasp91 velocity model using the algorithms presented by Doornbos (1988) with the density distribution from the PEM-C model of Dziewonski, Hales & Lapwood (1975) and the assumption that the ellipticity is nearly hydrostatic.

References:

Buland R. & Chapman C.H. 1983, The computation of seismic travel times, *Bull. Seism. Soc. Am.*, **73**, 1271-1302.

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Engdahl E.R., van der Hilst R.D. & Buland R. 1998, Global teleseismic earthquake relocation with improved travel times and procedures for depth determination, *Bull. Seism. Soc. Am.*, **88**, 722-743.

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Kennett B.L.N., Engdahl E.R. & Buland R. 1995, Constraints on seismic velocities in the Earth from traveltimes, *Geophys J. Int*., **122**, 108-124.

TRAVEL TIME TABLES

- **Body waves**
- **Core reflections**
- **Core phases**
- **Differential Times for depth phases**
- **Summary tables at constant range**
- **Summary tables for major phases**
- **Travel Time charts**

P

Δ	Depth of source [km] 0.	15.	35.	50.	100.	150.	200.	250.
	m s	m s	m s	m s	m s	m s	m s	m s
0.0	0 00.00	0 02.59	0 05.76	0 07.62	0 13.84	0 20.03	0 26.12	0 32.11
	19.17	*0.01*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
1.0	0 19.17	0 19.01	0 17.51	0 17.70	0 20.39	0 24.73	0 29.72	0 34.99
	19.17	*17.05*	*13.75*	*13.45*	*10.82*	*8.46*	*6.74*	*5.51*
2.0	0 35.03	0 33.23	0 31.27	0 31.32	0 32.54	0 35.08	0 38.47	0 42.42
	13.75	*13.75*	*13.75*	*13.69*	*12.90*	*11.63*	*10.27*	*9.01*
3.0	0 48.78	0 46.98	0 45.02	0 45.02	0 45.71	0 47.32	0 49.59	0 52.43
	13.75	*13.75*	*13.75*	*13.71*	*13.35*	*12.66*	*11.77*	*10.81*
4.0	1 02.53	1 00.73	0 58.77	0 58.74	0 59.14	1 00.20	1 01.73	1 03.75
	13.75	*13.75*	*13.75*	*13.72*	*13.49*	*13.06*	*12.44*	*11.72*
5.0	1 16.27	1 14.47	1 12.51	1 12.45	1 12.67	1 13.36	1 14.35	1 15.74
	13.74	*13.74*	*13.74*	*13.72*	*13.55*	*13.24*	*12.76*	*12.20*
6.0	1 30.01	1 28.21	1 26.25	1 26.17	1 26.24	1 26.64	1 27.20	1 28.08
	13.74	*13.74*	*13.73*	*13.71*	*13.58*	*13.32*	*12.92*	*12.46*
7.0	1 43.75	1 41.94	1 39.98	1 39.88	1 39.83	1 39.98	1 40.17	1 40.62
	13.73	*13.73*	*13.73*	*13.71*	*13.60*	*13.35*	*13.00*	*12.59*
8.0	1 57.47	1 55.67	1 53.70	1 53.58	1 53.42	1 53.33	1 53.18	1 53.24
	13.72	*13.72*	*13.72*	*13.70*	*13.60*	*13.34*	*13.02*	*12.65*
9.0	2 11.19	2 09.38	2 07.41	2 07.27	2 07.02	2 06.66	2 06.20	2 05.89
	13.71	*13.71*	*13.71*	*13.69*	*13.60*	*13.30*	*13.00*	*12.64*
10.0	2 24.90	2 23.09	2 21.12	2 20.96	2 20.62	2 19.93	2 19.17	2 18.51
	13.70	*13.70*	*13.70*	*13.68*	*13.59*	*13.24*	*12.93*	*12.59*
11.0	2 38.59	2 36.78	2 34.81	2 34.63	2 34.21	2 33.12	2 32.05	2 31.06
	13.69	*13.69*	*13.68*	*13.66*	*13.59*	*13.14*	*12.82*	*12.51*
12.0	2 52.27	2 50.46	2 48.48	2 48.29	2 47.59	2 46.19	2 44.80	2 43.51
	13.67	*13.67*	*13.67*	*13.65*	*13.28*	*13.00*	*12.68*	*12.40*
13.0	3 05.94	3 04.13	3 02.14	3 01.93	3 00.80	2 59.10	2 57.41	2 55.85
	13.66	*13.66*	*13.65*	*13.64*	*13.13*	*12.82*	*12.52*	*12.27*
14.0	3 19.59	3 17.78	3 15.79	3 15.56	3 13.83	3 11.81	3 09.85	3 08.06
	13.64	*13.64*	*13.64*	*13.62*	*12.93*	*12.61*	*12.36*	*12.13*
15.0	3 33.23	3 31.41	3 29.32	3 28.75	3 26.63	3 24.32	3 22.13	3 19.74
	13.63	*13.19*	*13.14*	*13.03*	*12.66*	*12.41*	*12.20*	*11.02*
16.0	3 46.37	3 44.46	3 42.31	3 41.62	3 39.17	3 36.64	3 33.83	3 30.73
	12.94	*12.90*	*12.82*	*12.70*	*12.43*	*12.22*	*11.01*	*10.97*
17.0	3 59.13	3 57.17	3 54.96	3 54.17	3 51.49	3 48.19	3 44.81	3 41.67
	12.58	*12.55*	*12.50*	*12.42*	*12.22*	*11.00*	*10.95*	*10.89*
18.0	4 11.57	4 09.59	4 07.33	4 06.46	4 02.77	3 59.15	3 55.72	3 52.52
	12.33	*12.30*	*12.26*	*11.01*	*10.97*	*10.93*	*10.87*	*10.81*
19.0	4 23.16	4 21.04	4 18.57	4 17.44	4 13.71	4 10.04	4 06.55	4 03.28
	10.98	*10.97*	*10.96*	*10.95*	*10.90*	*10.84*	*10.78*	*10.71*
20.0	4 34.10	4 31.97	4 29.49	4 28.35	4 24.56	4 20.83	4 17.28	4 13.93
	10.90	*10.89*	*10.88*	*10.86*	*10.81*	*10.74*	*10.67*	*10.59*
21.0	4 44.95	4 42.82	4 40.32	4 39.16	4 35.32	4 31.52	4 27.89	4 24.46
	10.81	*10.80*	*10.78*	*10.76*	*10.70*	*10.63*	*10.55*	*10.47*
22.0	4 55.71	4 53.56	4 51.05	4 49.87	4 45.96	4 42.09	4 38.09	4 33.89
	10.70	*10.69*	*10.67*	*10.65*	*10.58*	*10.50*	*9.15*	*9.14*
23.0	5 06.34	5 04.18	5 01.65	5 00.46	4 56.18	4 51.62	4 47.22	4 43.00
	10.57	*10.56*	*10.54*	*10.52*	*9.15*	*9.13*	*9.12*	*9.10*
24.0	5 16.31	5 14.04	5 11.33	5 09.94	5 05.31	5 00.74	4 56.32	4 52.08
	9.14	*9.14*	*9.13*	*9.13*	*9.11*	*9.09*	*9.07*	*9.05*
25.0	5 25.43	5 23.15	5 20.44	5 19.04	5 14.40	5 09.81	5 05.37	5 01.11
	9.10	*9.10*	*9.09*	*9.09*	*9.07*	*9.05*	*9.03*	*9.00*

P Depth of source [km]

Δ	0.	15.	35.	50.	100.	150.	200.	250.
	m s	m s	m s	m s	m s	m s	m s	m s
25.0	5 25.43	5 23.15	5 20.44	5 19.04	5 14.40	5 09.81	5 05.37	5 01.11
	9.10	*9.10*	*9.09*	*9.09*	*9.07*	*9.05*	*9.03*	*9.00*
26.0	5 34.50	5 32.23	5 29.51	5 28.11	5 23.45	5 18.83	5 14.37	5 10.08
	9.06	*9.05*	*9.05*	*9.04*	*9.02*	*9.00*	*8.97*	*8.93*
27.0	5 43.54	5 41.25	5 38.53	5 37.12	5 32.44	5 27.79	5 23.30	5 18.99
	9.00	*9.00*	*8.99*	*8.98*	*8.95*	*8.92*	*8.90*	*8.88*
28.0	5 52.50	5 50.22	5 47.49	5 46.07	5 41.35	5 36.69	5 32.19	5 27.85
	8.93	*8.92*	*8.92*	*8.91*	*8.90*	*8.88*	*8.87*	*8.85*
29.0	6 01.41	5 59.12	5 56.38	5 54.96	5 50.23	5 45.56	5 41.04	5 36.69
	8.88	*8.88*	*8.88*	*8.87*	*8.86*	*8.85*	*8.84*	*8.82*
30.0	6 10.27	6 07.98	6 05.24	6 03.82	5 59.08	5 54.39	5 49.86	5 45.50
	8.85	*8.85*	*8.85*	*8.84*	*8.83*	*8.82*	*8.81*	*8.79*
31.0	6 19.11	6 16.81	6 14.07	6 12.64	6 07.89	6 03.19	5 58.64	5 54.27
	8.82	*8.82*	*8.81*	*8.81*	*8.80*	*8.78*	*8.77*	*8.75*
32.0	6 27.91	6 25.62	6 22.87	6 21.44	6 16.67	6 11.96	6 07.39	6 02.99
	8.79	*8.78*	*8.78*	*8.78*	*8.76*	*8.74*	*8.72*	*8.70*
33.0	6 36.68	6 34.38	6 31.63	6 30.19	6 25.41	6 20.67	6 16.08	6 11.66
	8.74	*8.74*	*8.74*	*8.73*	*8.71*	*8.69*	*8.66*	*8.64*
34.0	6 45.40	6 43.09	6 40.34	6 38.89	6 34.09	6 29.33	6 24.71	6 20.27
	8.69	*8.68*	*8.68*	*8.67*	*8.65*	*8.63*	*8.60*	*8.58*
35.0	6 54.06	6 51.75	6 48.99	6 47.54	6 42.71	6 37.93	6 33.29	6 28.82
	8.63	*8.62*	*8.62*	*8.61*	*8.59*	*8.57*	*8.54*	*8.52*
36.0	7 02.66	7 00.34	6 57.58	6 56.12	6 51.27	6 46.46	6 41.80	6 37.30
	8.57	*8.56*	*8.56*	*8.55*	*8.53*	*8.51*	*8.48*	*8.46*
37.0	7 11.19	7 08.88	7 06.10	7 04.64	6 59.76	6 54.94	6 50.25	6 45.73
	8.51	*8.50*	*8.50*	*8.49*	*8.47*	*8.44*	*8.42*	*8.39*
38.0	7 19.67	7 17.35	7 14.57	7 13.09	7 08.20	7 03.35	6 58.64	6 54.09
	8.44	*8.44*	*8.43*	*8.43*	*8.40*	*8.38*	*8.35*	*8.33*
39.0	7 28.08	7 25.75	7 22.97	7 21.49	7 16.57	7 11.69	7 06.96	7 02.38
	8.38	*8.37*	*8.37*	*8.36*	*8.33*	*8.31*	*8.29*	*8.26*
40.0	7 36.42	7 34.09	7 31.30	7 29.81	7 24.87	7 19.97	7 15.21	7 10.60
	8.31	*8.30*	*8.30*	*8.29*	*8.27*	*8.24*	*8.22*	*8.19*
41.0	7 44.70	7 42.36	7 39.56	7 38.07	7 33.10	7 28.18	7 23.39	7 18.76
	8.24	*8.24*	*8.23*	*8.22*	*8.20*	*8.18*	*8.15*	*8.12*
42.0	7 52.90	7 50.56	7 47.76	7 46.26	7 41.27	7 36.32	7 31.51	7 26.85
	8.17	*8.17*	*8.16*	*8.15*	*8.13*	*8.11*	*8.08*	*8.06*
43.0	8 01.04	7 58.70	7 55.88	7 54.38	7 49.36	7 44.39	7 39.56	7 34.87
	8.10	*8.10*	*8.09*	*8.08*	*8.06*	*8.04*	*8.01*	*7.99*
44.0	8 09.11	8 06.76	8 03.94	8 02.43	7 57.39	7 52.39	7 47.53	7 42.83
	8.03	*8.03*	*8.02*	*8.01*	*7.99*	*7.97*	*7.94*	*7.92*
45.0	8 17.10	8 14.75	8 11.93	8 10.40	8 05.34	8 00.32	7 55.44	7 50.71
	7.96	*7.96*	*7.95*	*7.94*	*7.92*	*7.90*	*7.87*	*7.85*
46.0	8 25.03	8 22.67	8 19.84	8 18.31	8 13.23	8 08.18	8 03.27	7 58.52
	7.89	*7.88*	*7.88*	*7.87*	*7.85*	*7.82*	*7.80*	*7.77*
47.0	8 32.88	8 30.52	8 27.68	8 26.14	8 21.04	8 15.97	8 11.04	8 06.26
	7.82	*7.81*	*7.81*	*7.80*	*7.78*	*7.75*	*7.73*	*7.70*
48.0	8 40.66	8 38.29	8 35.45	8 33.91	8 28.78	8 23.69	8 18.73	8 13.92
	7.74	*7.74*	*7.73*	*7.73*	*7.70*	*7.68*	*7.66*	*7.63*
49.0	8 48.37	8 46.00	8 43.15	8 41.60	8 36.44	8 31.33	8 26.35	8 21.52
	7.67	*7.67*	*7.66*	*7.65*	*7.63*	*7.61*	*7.58*	*7.56*
50.0	8 56.00	8 53.63	8 50.77	8 49.21	8 44.04	8 38.91	8 33.90	8 29.04
	7.60	*7.59*	*7.59*	*7.58*	*7.56*	*7.54*	*7.51*	*7.49*

P

Δ	Depth of source [km] 0.	15.	35.	50.	100.	150.	200.	250.
	m s	m s	m s	m s	m s	m s	m s	m s
50.0	8 56.00	8 53.63	8 50.77	8 49.21	8 44.04	8 38.91	8 33.90	8 29.04
	7.60	*7.59*	*7.59*	*7.58*	*7.56*	*7.54*	*7.51*	*7.49*
51.0	9 03.56	9 01.18	8 58.32	8 56.76	8 51.56	8 46.41	8 41.38	8 36.50
	7.52	*7.52*	*7.51*	*7.51*	*7.49*	*7.46*	*7.44*	*7.42*
52.0	9 11.05	9 08.67	9 05.80	9 04.23	8 59.01	8 53.83	8 48.78	8 43.88
	7.45	*7.45*	*7.44*	*7.44*	*7.42*	*7.39*	*7.37*	*7.35*
53.0	9 18.47	9 16.08	9 13.20	9 11.63	9 06.39	9 01.19	8 56.12	8 51.19
	7.38	*7.38*	*7.37*	*7.36*	*7.34*	*7.32*	*7.30*	*7.28*
54.0	9 25.81	9 23.42	9 20.54	9 18.96	9 13.70	9 08.48	9 03.38	8 58.43
	7.31	*7.30*	*7.30*	*7.29*	*7.27*	*7.25*	*7.23*	*7.20*
55.0	9 33.08	9 30.69	9 27.80	9 26.21	9 20.93	9 15.69	9 10.58	9 05.60
	7.23	*7.23*	*7.22*	*7.22*	*7.20*	*7.18*	*7.15*	*7.13*
56.0	9 40.28	9 37.88	9 34.99	9 33.39	9 28.09	9 22.83	9 17.69	9 12.70
	7.16	*7.16*	*7.15*	*7.14*	*7.12*	*7.10*	*7.08*	*7.06*
57.0	9 47.40	9 45.00	9 42.10	9 40.50	9 35.18	9 29.90	9 24.74	9 19.72
	7.09	*7.08*	*7.08*	*7.07*	*7.05*	*7.03*	*7.01*	*6.99*
58.0	9 54.46	9 52.05	9 49.14	9 47.54	9 42.20	9 36.90	9 31.72	9 26.68
	7.02	*7.01*	*7.01*	*7.00*	*6.98*	*6.96*	*6.94*	*6.92*
59.0	10 01.43	9 59.02	9 56.11	9 54.50	9 49.14	9 43.82	9 38.62	9 33.56
	6.94	*6.94*	*6.93*	*6.93*	*6.91*	*6.89*	*6.87*	*6.85*
60.0	10 08.34	10 05.93	10 03.01	10 01.39	9 56.01	9 50.67	9 45.45	9 40.37
	6.87	*6.87*	*6.86*	*6.85*	*6.83*	*6.81*	*6.79*	*6.77*
61.0	10 15.17	10 12.75	10 09.83	10 08.21	10 02.81	9 57.45	9 52.21	9 47.11
	6.80	*6.79*	*6.79*	*6.78*	*6.76*	*6.74*	*6.72*	*6.70*
62.0	10 21.93	10 19.51	10 16.58	10 14.95	10 09.54	10 04.16	9 58.90	9 53.77
	6.72	*6.72*	*6.71*	*6.71*	*6.69*	*6.67*	*6.65*	*6.63*
63.0	10 28.62	10 26.19	10 23.26	10 21.63	10 16.19	10 10.79	10 05.51	10 00.37
	6.65	*6.65*	*6.64*	*6.64*	*6.62*	*6.60*	*6.58*	*6.56*
64.0	10 35.23	10 32.80	10 29.86	10 28.23	10 22.77	10 17.36	10 12.06	10 06.90
	6.58	*6.58*	*6.57*	*6.56*	*6.55*	*6.53*	*6.51*	*6.49*
65.0	10 41.78	10 39.34	10 36.40	10 34.76	10 29.29	10 23.85	10 18.53	10 13.35
	6.51	*6.50*	*6.50*	*6.49*	*6.48*	*6.46*	*6.44*	*6.42*
66.0	10 48.25	10 45.81	10 42.86	10 41.21	10 35.72	10 30.27	10 24.94	10 19.74
	6.44	*6.43*	*6.43*	*6.42*	*6.40*	*6.39*	*6.37*	*6.35*
67.0	10 54.65	10 52.21	10 49.25	10 47.60	10 42.09	10 36.62	10 31.27	10 26.05
	6.36	*6.36*	*6.35*	*6.35*	*6.33*	*6.31*	*6.30*	*6.28*
68.0	11 00.97	10 58.53	10 55.57	10 53.91	10 48.39	10 42.90	10 37.53	10 32.29
	6.29	*6.29*	*6.28*	*6.28*	*6.26*	*6.24*	*6.22*	*6.21*
69.0	11 07.23	11 04.78	11 01.82	11 00.15	10 54.61	10 49.11	10 43.72	10 38.46
	6.22	*6.21*	*6.21*	*6.20*	*6.19*	*6.17*	*6.15*	*6.13*
70.0	11 13.41	11 10.96	11 07.99	11 06.32	11 00.76	10 55.24	10 49.83	10 44.56
	6.14	*6.14*	*6.14*	*6.13*	*6.12*	*6.10*	*6.08*	*6.06*
71.0	11 19.51	11 17.06	11 14.09	11 12.41	11 06.84	11 01.30	10 55.88	10 50.59
	6.07	*6.07*	*6.06*	*6.06*	*6.04*	*6.03*	*6.01*	*5.99*
72.0	11 25.55	11 23.09	11 20.12	11 18.44	11 12.85	11 07.29	11 01.85	10 56.54
	6.00	*6.00*	*5.99*	*5.99*	*5.97*	*5.95*	*5.94*	*5.92*
73.0	11 31.51	11 29.05	11 26.07	11 24.39	11 18.78	11 13.21	11 07.75	11 02.43
	5.93	*5.92*	*5.92*	*5.91*	*5.90*	*5.88*	*5.86*	*5.85*
74.0	11 37.40	11 34.94	11 31.95	11 30.26	11 24.64	11 19.05	11 13.58	11 08.24
	5.85	*5.85*	*5.84*	*5.84*	*5.82*	*5.81*	*5.79*	*5.77*
75.0	11 43.22	11 40.75	11 37.76	11 36.06	11 30.43	11 24.82	11 19.33	11 13.97
	5.78	*5.77*	*5.77*	*5.76*	*5.75*	*5.73*	*5.72*	*5.70*

P

Δ	Depth of source [km] 0.	15.	35.	50.	100.	150.	200.	250.
	m s	m s	m s	m s	m s	m s	m s	m s
75.0	11 43.22	11 40.75	11 37.76	11 36.06	11 30.43	11 24.82	11 19.33	11 13.97
	5.78	*5.77*	*5.77*	*5.76*	*5.75*	*5.73*	*5.72*	*5.70*
76.0	11 48.96	11 46.49	11 43.49	11 41.79	11 36.14	11 30.52	11 25.01	11 19.64
	5.70	*5.70*	*5.70*	*5.69*	*5.68*	*5.66*	*5.64*	*5.63*
77.0	11 54.62	11 52.15	11 49.15	11 47.45	11 41.78	11 36.14	11 30.62	11 25.23
	5.63	*5.63*	*5.62*	*5.62*	*5.60*	*5.59*	*5.57*	*5.56*
78.0	12 00.22	11 57.74	11 54.74	11 53.03	11 47.35	11 41.70	11 36.16	11 30.75
	5.56	*5.56*	*5.55*	*5.55*	*5.53*	*5.52*	*5.50*	*5.49*
79.0	12 05.74	12 03.26	12 00.25	11 58.54	11 52.84	11 47.18	11 41.62	11 36.20
	5.49	*5.48*	*5.48*	*5.47*	*5.46*	*5.44*	*5.43*	*5.41*
80.0	12 11.19	12 08.71	12 05.69	12 03.98	11 58.26	11 52.58	11 47.02	11 41.57
	5.41	*5.41*	*5.40*	*5.40*	*5.38*	*5.37*	*5.35*	*5.34*
81.0	12 16.56	12 14.07	12 11.05	12 09.34	12 03.61	11 57.91	11 52.33	11 46.87
	5.33	*5.33*	*5.33*	*5.32*	*5.31*	*5.29*	*5.28*	*5.26*
82.0	12 21.85	12 19.37	12 16.34	12 14.62	12 08.88	12 03.17	11 57.57	11 52.10
	5.26	*5.25*	*5.25*	*5.25*	*5.23*	*5.22*	*5.20*	*5.19*
83.0	12 27.07	12 24.58	12 21.56	12 19.83	12 14.07	12 08.35	12 02.73	11 57.25
	5.18	*5.18*	*5.18*	*5.17*	*5.16*	*5.14*	*5.13*	*5.11*
84.0	12 32.22	12 29.72	12 26.69	12 24.96	12 19.19	12 13.45	12 07.82	12 02.32
	5.10	*5.10*	*5.10*	*5.09*	*5.08*	*5.06*	*5.05*	*5.03*
85.0	12 37.28	12 34.78	12 31.75	12 30.01	12 24.23	12 18.47	12 12.83	12 07.31
	5.02	*5.02*	*5.01*	*5.01*	*5.00*	*4.98*	*4.97*	*4.96*
86.0	12 42.26	12 39.77	12 36.72	12 34.98	12 29.19	12 23.42	12 17.76	12 12.23
	4.95	*4.94*	*4.94*	*4.94*	*4.93*	*4.91*	*4.90*	*4.89*
87.0	12 47.18	12 44.68	12 41.63	12 39.89	12 34.08	12 28.29	12 22.62	12 17.06
	4.87	*4.87*	*4.87*	*4.86*	*4.84*	*4.82*	*4.80*	*4.76*
88.0	12 51.99	12 49.49	12 46.43	12 44.68	12 38.85	12 33.05	12 27.36	12 21.79
	4.75	*4.75*	*4.74*	*4.74*	*4.73*	*4.72*	*4.71*	*4.71*
89.0	12 56.71	12 54.21	12 51.15	12 49.40	12 43.56	12 37.76	12 32.06	12 26.48
	4.70	*4.70*	*4.70*	*4.70*	*4.69*	*4.68*	*4.68*	*4.67*
90.0	13 01.40	12 58.89	12 55.83	12 54.08	12 48.24	12 42.43	12 36.72	12 31.15
	4.67	*4.67*	*4.67*	*4.67*	*4.66*	*4.66*	*4.65*	*4.65*
91.0	13 06.05	13 03.55	13 00.49	12 58.73	12 52.89	12 47.07	12 41.37	12 35.78
	4.64	*4.64*	*4.64*	*4.64*	*4.64*	*4.63*	*4.63*	*4.63*
92.0	13 10.69	13 08.18	13 05.12	13 03.37	12 57.52	12 51.70	12 45.99	12 40.40
	4.63	*4.63*	*4.62*	*4.62*	*4.62*	*4.62*	*4.62*	*4.61*
93.0	13 15.31	13 12.80	13 09.74	13 07.98	13 02.13	12 56.31	12 50.60	12 45.01
	4.61	*4.61*	*4.61*	*4.61*	*4.61*	*4.61*	*4.60*	*4.60*
94.0	13 19.91	13 17.40	13 14.34	13 12.58	13 06.73	13 00.91	12 55.19	12 49.60
	4.60	*4.60*	*4.60*	*4.59*	*4.59*	*4.59*	*4.58*	*4.58*
95.0	13 24.50	13 21.99	13 18.93	13 17.17	13 11.31	13 05.48	12 59.76	12 54.17
	4.58	*4.57*	*4.57*	*4.57*	*4.57*	*4.56*	*4.56*	*4.56*
96.0	13 29.06	13 26.55	13 23.49	13 21.73	13 15.87	13 10.04	13 04.31	12 58.71
	4.55	*4.55*	*4.55*	*4.55*	*4.54*	*4.54*	*4.53*	*4.53*
97.0	13 33.60	13 31.09	13 28.02	13 26.26	13 20.40	13 14.56	13 08.83	13 03.23
	4.52	*4.52*	*4.52*	*4.52*	*4.52*	*4.51*	*4.51*	*4.50*
98.0	13 38.11	13 35.60	13 32.53	13 30.77	13 24.90	13 19.06	13 13.33	13 07.72
	4.50	*4.50*	*4.49*	*4.49*	*4.49*	*4.48*	*4.48*	*4.47*
99.0	13 42.59	13 40.08	13 37.01	13 35.25	13 29.37	13 23.53	13 17.79	13 12.17
	4.47	*4.47*	*4.46*	*4.46*	*4.46*	*4.45*	*4.45*	*4.45*
100.0	13 47.04	13 44.53	13 41.46	13 39.70	13 33.82	13 27.97	13 22.23	13 16.62
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*

P

Δ	Depth of source [km] 0.	15.	35.	50.	100.	150.	200.	250.
	m s	m s	m s	m s	m s	m s	m s	m s
100.0	13 47.04	13 44.53	13 41.46	13 39.70	13 33.82	13 27.97	13 22.23	13 16.62
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
101.0	13 51.49	13 48.97	13 45.91	13 44.14	13 38.26	13 32.42	13 26.68	13 21.07
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
102.0	13 55.93	13 53.42	13 50.35	13 48.59	13 42.71	13 36.86	13 31.13	13 25.51
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
103.0	14 00.38	13 57.86	13 54.80	13 53.03	13 47.16	13 41.31	13 35.57	13 29.96
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
104.0	14 04.83	14 02.31	13 59.24	13 57.48	13 51.60	13 45.76	13 40.02	13 34.40
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
105.0	14 09.27	14 06.76	14 03.69	14 01.92	13 56.05	13 50.20	13 44.46	13 38.85
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
106.0	14 13.72	14 11.20	14 08.14	14 06.37	14 00.49	13 54.65	13 48.91	13 43.29
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
107.0	14 18.16	14 15.65	14 12.58	14 10.82	14 04.94	13 59.09	13 53.35	13 47.74
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
108.0	14 22.61	14 20.09	14 17.03	14 15.26	14 09.38	14 03.54	13 57.80	13 52.18
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
109.0	14 27.05	14 24.54	14 21.47	14 19.71	14 13.83	14 07.98	14 02.24	13 56.63
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
110.0	14 31.50	14 28.98	14 25.92	14 24.15	14 18.28	14 12.43	14 06.69	14 01.08
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
111.0	14 35.95	14 33.43	14 30.36	14 28.60	14 22.72	14 16.87	14 11.14	14 05.52
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
112.0	14 40.39	14 37.88	14 34.81	14 33.04	14 27.17	14 21.32	14 15.58	14 09.97
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
113.0	14 44.84	14 42.32	14 39.25	14 37.49	14 31.61	14 25.77	14 20.03	14 14.41
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
114.0	14 49.28	14 46.77	14 43.70	14 41.94	14 36.06	14 30.21	14 24.47	14 18.86
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
115.0	14 53.73	14 51.21	14 48.15	14 46.38	14 40.50	14 34.66	14 28.92	14 23.30
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
116.0	14 58.17	14 55.66	14 52.59	14 50.83	14 44.95	14 39.10	14 33.36	14 27.75
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
117.0	15 02.62	15 00.10	14 57.04	14 55.27	14 49.40	14 43.55	14 37.81	14 32.20
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
118.0	15 07.06	15 04.55	15 01.48	14 59.72	14 53.84	14 47.99	14 42.26	14 36.64
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
119.0	15 11.51	15 08.99	15 05.93	15 04.16	14 58.29	14 52.44	14 46.70	14 41.09
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
120.0	15 15.96	15 13.44	15 10.37	15 08.61	15 02.73	14 56.89	14 51.15	14 45.53
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
121.0	15 20.40	15 17.89	15 14.82	15 13.05	15 07.18	15 01.33	14 55.59	14 49.98
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
122.0	15 24.85	15 22.33	15 19.27	15 17.50	15 11.62	15 05.78	15 00.04	14 54.42
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
123.0	15 29.29	15 26.78	15 23.71	15 21.95	15 16.07	15 10.22	15 04.48	14 58.87
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
124.0	15 33.74	15 31.22	15 28.16	15 26.39	15 20.52	15 14.67	15 08.93	15 03.32
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
125.0	15 38.18	15 35.67	15 32.60	15 30.84	15 24.96	15 19.11	15 13.38	15 07.76
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*

P

Δ	Depth of source [km] 300.	350.	400.	450.	500.	550.	600.	650.	700.
	m s	m s	m s	m s	m s	m s	m s	m s	m s
0.0	0 37.97	0 43.70	0 49.32	0 54.67	0 59.89	1 05.02	1 10.07	1 15.02	1 19.70
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
1.0	0 40.34	0 45.71	0 51.05	0 56.18	1 01.23	1 06.21	1 11.14	1 16.00	1 20.58
	4.61	*3.92*	*3.39*	*2.97*	*2.62*	*2.34*	*2.11*	*1.91*	*1.74*
2.0	0 46.73	0 51.26	0 55.91	1 00.47	1 05.03	1 09.62	1 14.22	1 18.79	1 23.13
	7.91	*6.97*	*6.19*	*5.51*	*4.93*	*4.43*	*4.01*	*3.65*	*3.33*
3.0	0 55.71	0 59.31	1 03.16	1 06.97	1 10.91	1 14.95	1 19.07	1 23.24	1 27.18
	9.86	*8.98*	*8.17*	*7.41*	*6.74*	*6.15*	*5.64*	*5.18*	*4.75*
4.0	1 06.17	1 08.95	1 12.02	1 15.09	1 18.35	1 21.79	1 25.37	1 29.06	1 32.55
	10.96	*10.21*	*9.48*	*8.74*	*8.07*	*7.46*	*6.91*	*6.41*	*5.93*
5.0	1 17.48	1 19.56	1 21.95	1 24.31	1 26.91	1 29.76	1 32.79	1 35.98	1 38.97
	11.59	*10.95*	*10.32*	*9.63*	*9.00*	*8.42*	*7.88*	*7.38*	*6.87*
6.0	1 29.26	1 30.76	1 32.56	1 34.25	1 36.25	1 38.54	1 41.05	1 43.74	1 46.23
	11.95	*11.41*	*10.86*	*10.22*	*9.64*	*9.10*	*8.60*	*8.12*	*7.61*
7.0	1 41.32	1 42.32	1 43.61	1 44.66	1 46.12	1 47.89	1 49.92	1 52.15	1 54.12
	12.15	*11.68*	*11.20*	*10.58*	*10.06*	*9.58*	*9.11*	*8.66*	*8.16*
8.0	1 53.52	1 54.08	1 54.92	1 55.35	1 56.33	1 57.64	1 59.23	2 01.02	2 02.49
	12.25	*11.84*	*11.41*	*10.77*	*10.33*	*9.90*	*9.48*	*9.07*	*8.55*
9.0	2 05.79	2 05.96	2 06.40	2 06.17	2 06.74	2 07.66	2 08.84	2 10.24	2 11.18
	12.28	*11.91*	*11.53*	*10.86*	*10.49*	*10.11*	*9.73*	*9.35*	*8.82*
10.0	2 18.07	2 17.88	2 17.52	2 17.05	2 17.28	2 17.84	2 18.66	2 19.70	2 20.09
	12.26	*11.93*	*11.08*	*10.88*	*10.57*	*10.24*	*9.90*	*9.55*	*8.98*
11.0	2 30.30	2 29.80	2 28.59	2 27.93	2 27.87	2 28.12	2 28.61	2 29.33	2 29.11
	12.21	*11.90*	*11.05*	*10.87*	*10.60*	*10.31*	*10.00*	*9.69*	*9.05*
12.0	2 42.47	2 41.55	2 39.62	2 38.79	2 38.47	2 38.44	2 38.64	2 38.56	2 38.17
	12.12	*11.07*	*11.01*	*10.84*	*10.60*	*10.33*	*10.05*	*9.22*	*9.08*
13.0	2 54.55	2 52.60	2 50.61	2 49.61	2 49.06	2 48.77	2 48.71	2 47.78	2 47.26
	12.02	*11.03*	*10.96*	*10.79*	*10.57*	*10.33*	*10.07*	*9.21*	*9.08*
14.0	3 05.98	3 03.60	3 01.54	3 00.37	2 59.61	2 59.09	2 58.78	2 56.97	2 56.34
	11.03	*10.97*	*10.89*	*10.73*	*10.53*	*10.30*	*10.06*	*9.19*	*9.07*
15.0	3 16.99	3 14.54	3 12.39	3 11.06	3 10.11	3 09.37	3 08.06	3 06.15	3 05.40
	10.97	*10.91*	*10.82*	*10.66*	*10.46*	*10.25*	*9.19*	*9.16*	*9.05*
16.0	3 27.93	3 25.41	3 23.17	3 21.68	3 20.53	3 19.44	3 17.24	3 15.29	3 14.44
	10.91	*10.83*	*10.73*	*10.57*	*10.39*	*9.19*	*9.17*	*9.13*	*9.03*
17.0	3 38.79	3 36.19	3 33.85	3 32.21	3 30.88	3 28.62	3 26.39	3 24.41	3 23.45
	10.82	*10.74*	*10.63*	*10.48*	*10.30*	*9.17*	*9.14*	*9.10*	*8.99*
18.0	3 49.57	3 46.88	3 44.43	3 42.63	3 40.26	3 37.77	3 35.51	3 33.48	3 32.42
	10.73	*10.63*	*10.53*	*10.38*	*9.16*	*9.14*	*9.10*	*9.06*	*8.95*
19.0	4 00.24	3 57.45	3 54.90	3 52.15	3 49.41	3 46.89	3 44.59	3 42.52	3 41.35
	10.62	*10.52*	*10.41*	*9.16*	*9.13*	*9.10*	*9.06*	*9.01*	*8.90*
20.0	4 10.81	4 07.86	4 04.33	4 01.29	3 58.53	3 55.97	3 53.63	3 51.50	3 50.23
	10.50	*9.17*	*9.15*	*9.12*	*9.09*	*9.06*	*9.02*	*8.95*	*8.87*
21.0	4 20.76	4 17.01	4 13.47	4 10.40	4 07.60	4 05.01	4 02.62	4 00.43	3 59.09
	9.15	*9.13*	*9.11*	*9.08*	*9.05*	*9.01*	*8.96*	*8.90*	*8.85*
22.0	4 29.90	4 26.12	4 22.56	4 19.46	4 16.63	4 13.99	4 11.54	4 09.31	4 07.93
	9.12	*9.10*	*9.07*	*9.04*	*9.00*	*8.95*	*8.90*	*8.87*	*8.82*
23.0	4 39.00	4 35.20	4 31.61	4 28.48	4 25.60	4 22.91	4 20.43	4 18.16	4 16.73
	9.08	*9.05*	*9.03*	*8.99*	*8.93*	*8.90*	*8.87*	*8.84*	*8.79*
24.0	4 48.05	4 44.23	4 40.61	4 37.43	4 34.51	4 31.79	4 29.28	4 26.99	4 25.51
	9.03	*9.00*	*8.96*	*8.92*	*8.89*	*8.86*	*8.84*	*8.81*	*8.76*
25.0	4 57.05	4 53.20	4 49.53	4 46.33	4 43.38	4 40.64	4 38.10	4 35.78	4 34.25
	8.97	*8.93*	*8.90*	*8.88*	*8.86*	*8.83*	*8.81*	*8.78*	*8.72*

P

Δ	Depth of source [km] 300.	350.	400.	450.	500.	550.	600.	650.	700.
	m s	m s	m s	m s	m s	m s	m s	m s	m s
25.0	4 57.05	4 53.20	4 49.53	4 46.33	4 43.38	4 40.64	4 38.10	4 35.78	4 34.25
	8.97	*8.93*	*8.90*	*8.88*	*8.86*	*8.83*	*8.81*	*8.78*	*8.72*
26.0	5 05.99	5 02.10	4 58.42	4 55.19	4 52.22	4 49.45	4 46.89	4 44.54	4 42.94
	8.91	*8.89*	*8.87*	*8.85*	*8.83*	*8.80*	*8.78*	*8.74*	*8.67*
27.0	5 14.88	5 10.97	5 07.27	5 04.02	5 01.03	4 58.24	4 55.65	4 53.25	4 51.58
	8.87	*8.85*	*8.84*	*8.82*	*8.80*	*8.77*	*8.73*	*8.69*	*8.62*
28.0	5 23.73	5 19.81	5 16.09	5 12.82	5 09.81	5 06.99	5 04.36	5 01.91	5 00.17
	8.84	*8.82*	*8.81*	*8.79*	*8.76*	*8.72*	*8.68*	*8.63*	*8.57*
29.0	5 32.55	5 28.62	5 24.88	5 21.59	5 18.55	5 15.69	5 13.01	5 10.52	5 08.71
	8.81	*8.79*	*8.77*	*8.74*	*8.71*	*8.67*	*8.63*	*8.58*	*8.51*
30.0	5 41.34	5 37.39	5 33.63	5 30.31	5 27.23	5 24.33	5 21.61	5 19.07	5 17.20
	8.77	*8.75*	*8.72*	*8.69*	*8.65*	*8.61*	*8.57*	*8.52*	*8.46*
31.0	5 50.09	5 46.11	5 42.33	5 38.97	5 35.85	5 32.91	5 30.15	5 27.57	5 25.63
	8.73	*8.70*	*8.67*	*8.63*	*8.60*	*8.56*	*8.51*	*8.47*	*8.40*
32.0	5 58.79	5 54.78	5 50.97	5 47.58	5 44.42	5 41.44	5 38.64	5 36.01	5 34.01
	8.67	*8.64*	*8.61*	*8.58*	*8.54*	*8.50*	*8.46*	*8.41*	*8.35*
33.0	6 07.43	6 03.40	5 59.55	5 56.13	5 52.93	5 49.91	5 47.06	5 44.39	5 42.32
	8.61	*8.58*	*8.55*	*8.52*	*8.48*	*8.44*	*8.40*	*8.35*	*8.29*
34.0	6 16.01	6 11.95	6 08.07	6 04.61	6 01.38	5 58.32	5 55.43	5 52.71	5 50.58
	8.55	*8.52*	*8.49*	*8.46*	*8.42*	*8.38*	*8.34*	*8.29*	*8.23*
35.0	6 24.53	6 20.44	6 16.54	6 13.04	6 09.77	6 06.67	6 03.73	6 00.96	5 58.78
	8.49	*8.46*	*8.43*	*8.40*	*8.36*	*8.32*	*8.27*	*8.23*	*8.17*
36.0	6 32.99	6 28.87	6 24.94	6 21.41	6 18.10	6 14.96	6 11.98	6 09.16	6 06.92
	8.43	*8.40*	*8.37*	*8.33*	*8.29*	*8.25*	*8.21*	*8.17*	*8.11*
37.0	6 41.39	6 37.24	6 33.27	6 29.71	6 26.36	6 23.18	6 20.16	6 17.30	6 15.00
	8.36	*8.33*	*8.30*	*8.27*	*8.23*	*8.19*	*8.15*	*8.10*	*8.05*
38.0	6 49.72	6 45.54	6 41.54	6 37.94	6 34.56	6 31.34	6 28.27	6 25.37	6 23.02
	8.30	*8.27*	*8.24*	*8.20*	*8.17*	*8.13*	*8.08*	*8.04*	*7.98*
39.0	6 57.99	6 53.78	6 49.75	6 46.11	6 42.69	6 39.43	6 36.33	6 33.38	6 30.97
	8.23	*8.20*	*8.17*	*8.14*	*8.10*	*8.06*	*8.02*	*7.98*	*7.92*
40.0	7 06.19	7 01.95	6 57.88	6 54.22	6 50.76	6 47.46	6 44.31	6 41.32	6 38.86
	8.16	*8.14*	*8.11*	*8.07*	*8.03*	*7.99*	*7.95*	*7.91*	*7.86*
41.0	7 14.32	7 10.05	7 05.96	7 02.25	6 58.76	6 55.42	6 52.23	6 49.20	6 46.69
	8.10	*8.07*	*8.04*	*8.00*	*7.97*	*7.93*	*7.89*	*7.85*	*7.79*
42.0	7 22.38	7 18.08	7 13.96	7 10.22	7 06.69	7 03.32	7 00.09	6 57.01	6 54.45
	8.03	*8.00*	*7.97*	*7.93*	*7.90*	*7.86*	*7.82*	*7.78*	*7.73*
43.0	7 30.37	7 26.05	7 21.89	7 18.12	7 14.56	7 11.14	7 07.88	7 04.76	7 02.14
	7.96	*7.93*	*7.90*	*7.87*	*7.83*	*7.79*	*7.75*	*7.71*	*7.66*
44.0	7 38.30	7 33.94	7 29.76	7 25.96	7 22.36	7 18.90	7 15.60	7 12.44	7 09.77
	7.89	*7.86*	*7.83*	*7.80*	*7.76*	*7.73*	*7.69*	*7.65*	*7.60*
45.0	7 46.15	7 41.77	7 37.55	7 33.72	7 30.08	7 26.59	7 23.25	7 20.05	7 17.34
	7.82	*7.79*	*7.76*	*7.73*	*7.69*	*7.66*	*7.62*	*7.58*	*7.53*
46.0	7 53.93	7 49.52	7 45.28	7 41.41	7 37.74	7 34.22	7 30.84	7 27.60	7 24.84
	7.75	*7.72*	*7.69*	*7.66*	*7.62*	*7.59*	*7.55*	*7.51*	*7.47*
47.0	8 01.65	7 57.21	7 52.94	7 49.04	7 45.33	7 41.77	7 38.35	7 35.08	7 32.27
	7.68	*7.65*	*7.62*	*7.59*	*7.56*	*7.52*	*7.48*	*7.45*	*7.40*
48.0	8 09.29	8 04.82	8 00.52	7 56.59	7 52.85	7 49.26	7 45.80	7 42.49	7 39.65
	7.61	*7.58*	*7.55*	*7.52*	*7.49*	*7.45*	*7.42*	*7.38*	*7.34*
49.0	8 16.86	8 12.37	8 08.04	8 04.08	8 00.31	7 56.68	7 53.19	7 49.84	7 46.95
	7.53	*7.51*	*7.48*	*7.45*	*7.42*	*7.39*	*7.35*	*7.31*	*7.27*
50.0	8 24.36	8 19.84	8 15.48	8 11.49	8 07.69	8 04.03	8 00.51	7 57.12	7 54.19
	7.46	*7.44*	*7.41*	*7.38*	*7.35*	*7.32*	*7.28*	*7.25*	*7.20*

P

Δ	Depth of source [km] 300.	350.	400.	450.	500.	550.	600.	650.	700.
	m s	m s	m s	m s	m s	m s	m s	m s	m s
50.0	8 24.36	8 19.84	8 15.48	8 11.49	8 07.69	8 04.03	8 00.51	7 57.12	7 54.19
	7.46	*7.44*	*7.41*	*7.38*	*7.35*	*7.32*	*7.28*	*7.25*	*7.20*
51.0	8 31.79	8 27.24	8 22.86	8 18.84	8 15.01	8 11.31	8 07.76	8 04.33	8 01.36
	7.39	*7.37*	*7.34*	*7.31*	*7.28*	*7.25*	*7.21*	*7.18*	*7.14*
52.0	8 39.15	8 34.58	8 30.17	8 26.12	8 22.25	8 18.53	8 14.93	8 11.47	8 08.46
	7.32	*7.30*	*7.27*	*7.24*	*7.21*	*7.18*	*7.14*	*7.11*	*7.07*
53.0	8 46.44	8 41.84	8 37.41	8 33.32	8 29.43	8 25.67	8 22.05	8 18.55	8 15.50
	7.25	*7.23*	*7.20*	*7.17*	*7.14*	*7.11*	*7.08*	*7.04*	*7.00*
54.0	8 53.65	8 49.03	8 44.57	8 40.46	8 36.54	8 32.75	8 29.09	8 25.56	8 22.47
	7.18	*7.16*	*7.13*	*7.10*	*7.07*	*7.04*	*7.01*	*6.98*	*6.94*
55.0	9 00.80	8 56.15	8 51.66	8 47.53	8 43.57	8 39.75	8 36.06	8 32.50	8 29.37
	7.11	*7.08*	*7.06*	*7.03*	*7.00*	*6.97*	*6.94*	*6.91*	*6.87*
56.0	9 07.87	9 03.20	8 58.69	8 54.52	8 50.54	8 46.69	8 42.97	8 39.37	8 36.21
	7.04	*7.01*	*6.99*	*6.96*	*6.93*	*6.90*	*6.87*	*6.84*	*6.80*
57.0	9 14.87	9 10.18	9 05.64	9 01.45	8 57.44	8 53.56	8 49.81	8 46.18	8 42.98
	6.97	*6.94*	*6.92*	*6.89*	*6.86*	*6.83*	*6.80*	*6.77*	*6.73*
58.0	9 21.80	9 17.09	9 12.53	9 08.31	9 04.27	9 00.36	8 56.57	8 52.92	8 49.68
	6.90	*6.87*	*6.85*	*6.82*	*6.79*	*6.76*	*6.73*	*6.70*	*6.67*
59.0	9 28.66	9 23.92	9 19.34	9 15.09	9 11.02	9 07.09	9 03.27	8 59.59	8 56.31
	6.82	*6.80*	*6.78*	*6.75*	*6.72*	*6.69*	*6.67*	*6.64*	*6.60*
60.0	9 35.45	9 30.69	9 26.08	9 21.81	9 17.71	9 13.75	9 09.91	9 06.19	9 02.88
	6.75	*6.73*	*6.71*	*6.68*	*6.65*	*6.63*	*6.60*	*6.57*	*6.54*
61.0	9 42.17	9 37.38	9 32.75	9 28.45	9 24.33	9 20.34	9 16.47	9 12.72	9 09.38
	6.68	*6.66*	*6.64*	*6.61*	*6.59*	*6.56*	*6.53*	*6.50*	*6.47*
62.0	9 48.81	9 44.01	9 39.35	9 35.03	9 30.88	9 26.86	9 22.97	9 19.19	9 15.82
	6.61	*6.59*	*6.57*	*6.54*	*6.52*	*6.49*	*6.46*	*6.43*	*6.40*
63.0	9 55.39	9 50.56	9 45.88	9 41.54	9 37.37	9 33.32	9 29.40	9 25.59	9 22.18
	6.54	*6.52*	*6.50*	*6.47*	*6.45*	*6.42*	*6.39*	*6.37*	*6.33*
64.0	10 01.89	9 57.05	9 52.35	9 47.98	9 43.78	9 39.71	9 35.76	9 31.92	9 28.48
	6.47	*6.45*	*6.43*	*6.40*	*6.38*	*6.35*	*6.33*	*6.30*	*6.27*
65.0	10 08.33	10 03.46	9 58.74	9 54.35	9 50.12	9 46.03	9 42.05	9 38.19	9 34.72
	6.40	*6.38*	*6.36*	*6.33*	*6.31*	*6.28*	*6.26*	*6.23*	*6.20*
66.0	10 14.69	10 09.80	10 05.06	10 00.64	9 56.40	9 52.27	9 48.27	9 44.38	9 40.88
	6.33	*6.31*	*6.29*	*6.26*	*6.24*	*6.21*	*6.19*	*6.16*	*6.13*
67.0	10 20.99	10 16.08	10 11.31	10 06.87	10 02.60	9 58.45	9 54.42	9 50.51	9 46.98
	6.26	*6.24*	*6.22*	*6.19*	*6.17*	*6.14*	*6.12*	*6.09*	*6.06*
68.0	10 27.21	10 22.28	10 17.49	10 13.03	10 08.74	10 04.56	10 00.51	9 56.57	9 53.01
	6.19	*6.17*	*6.15*	*6.12*	*6.10*	*6.08*	*6.05*	*6.02*	*6.00*
69.0	10 33.36	10 28.41	10 23.60	10 19.12	10 14.80	10 10.61	10 06.52	10 02.56	9 58.97
	6.12	*6.10*	*6.08*	*6.05*	*6.03*	*6.01*	*5.98*	*5.96*	*5.93*
70.0	10 39.44	10 34.47	10 29.65	10 25.14	10 20.80	10 16.58	10 12.47	10 08.48	10 04.86
	6.04	*6.03*	*6.01*	*5.98*	*5.96*	*5.94*	*5.91*	*5.89*	*5.86*
71.0	10 45.45	10 40.46	10 35.61	10 31.09	10 26.72	10 22.48	10 18.35	10 14.33	10 10.68
	5.97	*5.95*	*5.93*	*5.91*	*5.89*	*5.87*	*5.84*	*5.81*	*5.79*
72.0	10 51.39	10 46.38	10 41.51	10 36.96	10 32.58	10 28.31	10 24.15	10 20.11	10 16.43
	5.90	*5.88*	*5.86*	*5.84*	*5.82*	*5.79*	*5.77*	*5.74*	*5.72*
73.0	10 57.25	10 52.22	10 47.34	10 42.77	10 38.36	10 34.07	10 29.89	10 25.82	10 22.12
	5.83	*5.81*	*5.79*	*5.77*	*5.75*	*5.72*	*5.70*	*5.68*	*5.65*
74.0	11 03.04	10 58.00	10 53.09	10 48.50	10 44.07	10 39.75	10 35.55	10 31.46	10 27.73
	5.75	*5.74*	*5.72*	*5.70*	*5.68*	*5.65*	*5.63*	*5.61*	*5.58*
75.0	11 08.76	11 03.70	10 58.77	10 54.16	10 49.71	10 45.37	10 41.15	10 37.03	10 33.28
	5.68	*5.66*	*5.65*	*5.63*	*5.61*	*5.58*	*5.56*	*5.54*	*5.51*

P

Δ	Depth of source [km] 300.	350.	400.	450.	500.	550.	600.	650.	700.
	m s	m s	m s	m s	m s	m s	m s	m s	m s
75.0	11 08.76	11 03.70	10 58.77	10 54.16	10 49.71	10 45.37	10 41.15	10 37.03	10 33.28
	5.68	*5.66*	*5.65*	*5.63*	*5.61*	*5.58*	*5.56*	*5.54*	*5.51*
76.0	11 14.41	11 09.33	11 04.38	10 59.75	10 55.28	10 50.92	10 46.67	10 42.54	10 38.76
	5.61	*5.59*	*5.58*	*5.56*	*5.54*	*5.51*	*5.49*	*5.47*	*5.44*
77.0	11 19.98	11 14.88	11 09.92	11 05.27	11 00.78	10 56.40	10 52.13	10 47.97	10 44.17
	5.54	*5.52*	*5.51*	*5.49*	*5.47*	*5.44*	*5.42*	*5.40*	*5.37*
78.0	11 25.49	11 20.37	11 15.39	11 10.72	11 06.21	11 01.81	10 57.52	10 53.33	10 49.50
	5.47	*5.45*	*5.43*	*5.41*	*5.39*	*5.37*	*5.35*	*5.33*	*5.30*
79.0	11 30.92	11 25.79	11 20.79	11 16.10	11 11.57	11 07.14	11 02.83	10 58.62	10 54.77
	5.40	*5.38*	*5.36*	*5.34*	*5.32*	*5.30*	*5.28*	*5.25*	*5.23*
80.0	11 36.28	11 31.13	11 26.11	11 21.40	11 16.85	11 12.40	11 08.07	11 03.84	10 59.96
	5.32	*5.30*	*5.28*	*5.27*	*5.25*	*5.22*	*5.20*	*5.18*	*5.16*
81.0	11 41.56	11 36.39	11 31.36	11 26.63	11 22.06	11 17.59	11 13.24	11 08.98	11 05.08
	5.24	*5.23*	*5.21*	*5.19*	*5.17*	*5.15*	*5.13*	*5.11*	*5.08*
82.0	11 46.77	11 41.58	11 36.53	11 31.78	11 27.19	11 22.71	11 18.33	11 14.05	11 10.12
	5.17	*5.15*	*5.14*	*5.12*	*5.10*	*5.08*	*5.05*	*5.03*	*5.01*
83.0	11 51.90	11 46.70	11 41.63	11 36.86	11 32.25	11 27.74	11 23.34	11 19.05	11 15.10
	5.09	*5.08*	*5.06*	*5.04*	*5.02*	*5.00*	*4.98*	*4.96*	*4.94*
84.0	11 56.96	11 51.74	11 46.65	11 41.86	11 37.23	11 32.71	11 28.29	11 23.97	11 20.00
	5.01	*5.00*	*4.98*	*4.96*	*4.95*	*4.93*	*4.91*	*4.89*	*4.87*
85.0	12 01.93	11 56.70	11 51.60	11 46.79	11 42.14	11 37.60	11 33.16	11 28.82	11 24.81
	4.94	*4.93*	*4.91*	*4.90*	*4.88*	*4.85*	*4.82*	*4.78*	*4.75*
86.0	12 06.84	12 01.59	11 56.47	11 51.64	11 46.97	11 42.39	11 37.92	11 33.56	11 29.53
	4.87	*4.85*	*4.82*	*4.79*	*4.76*	*4.74*	*4.72*	*4.71*	*4.70*
87.0	12 11.65	12 06.37	12 01.23	11 56.39	11 51.69	11 47.11	11 42.63	11 38.25	11 34.22
	4.75	*4.73*	*4.72*	*4.71*	*4.70*	*4.70*	*4.69*	*4.68*	*4.67*
88.0	12 16.37	12 11.09	12 05.93	12 01.08	11 56.38	11 51.79	11 47.30	11 42.92	11 38.88
	4.70	*4.69*	*4.69*	*4.68*	*4.67*	*4.67*	*4.66*	*4.65*	*4.65*
89.0	12 21.05	12 15.76	12 10.61	12 05.75	12 01.04	11 56.44	11 51.95	11 47.56	11 43.51
	4.67	*4.66*	*4.66*	*4.65*	*4.65*	*4.64*	*4.64*	*4.63*	*4.63*
90.0	12 25.71	12 20.41	12 15.25	12 10.39	12 05.68	12 01.08	11 56.58	11 52.19	11 48.13
	4.64	*4.64*	*4.64*	*4.63*	*4.63*	*4.62*	*4.62*	*4.62*	*4.61*
91.0	12 30.35	12 25.05	12 19.88	12 15.01	12 10.30	12 05.69	12 01.19	11 56.80	11 52.74
	4.63	*4.62*	*4.62*	*4.62*	*4.61*	*4.61*	*4.61*	*4.60*	*4.60*
92.0	12 34.96	12 29.66	12 24.49	12 19.62	12 14.90	12 10.30	12 05.79	12 01.39	11 57.33
	4.61	*4.61*	*4.61*	*4.60*	*4.60*	*4.60*	*4.59*	*4.59*	*4.58*
93.0	12 39.57	12 34.26	12 29.09	12 24.22	12 19.49	12 14.88	12 10.37	12 05.96	12 01.89
	4.60	*4.59*	*4.59*	*4.58*	*4.58*	*4.57*	*4.57*	*4.56*	*4.55*
94.0	12 44.15	12 38.84	12 33.67	12 28.79	12 24.06	12 19.44	12 14.93	12 10.51	12 06.44
	4.58	*4.57*	*4.57*	*4.56*	*4.55*	*4.55*	*4.54*	*4.54*	*4.53*
95.0	12 48.72	12 43.40	12 38.22	12 33.34	12 28.60	12 23.98	12 19.46	12 15.04	12 10.95
	4.55	*4.55*	*4.54*	*4.54*	*4.53*	*4.52*	*4.52*	*4.51*	*4.50*
96.0	12 53.26	12 47.94	12 42.75	12 37.86	12 33.12	12 28.49	12 23.96	12 19.53	12 15.44
	4.53	*4.52*	*4.51*	*4.51*	*4.50*	*4.50*	*4.49*	*4.48*	*4.47*
97.0	12 57.77	12 52.44	12 47.25	12 42.35	12 37.61	12 32.97	12 28.43	12 24.00	12 19.90
	4.50	*4.49*	*4.49*	*4.48*	*4.47*	*4.47*	*4.46*	*4.45*	*4.45*
98.0	13 02.25	12 56.92	12 51.72	12 46.82	12 42.07	12 37.42	12 32.88	12 28.44	12 24.34
	4.47	*4.46*	*4.46*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
99.0	13 06.70	13 01.37	12 56.17	12 51.26	12 46.51	12 41.87	12 37.33	12 32.89	12 28.79
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
100.0	13 11.15	13 05.81	13 00.61	12 55.71	12 50.96	12 46.31	12 41.77	12 37.33	12 33.23
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*

P

Δ	Depth of source [km] 300.	350.	400.	450.	500.	550.	600.	650.	700.
	m s	m s	m s	m s	m s	m s	m s	m s	m s
100.0	13 11.15	13 05.81	13 00.61	12 55.71	12 50.96	12 46.31	12 41.77	12 37.33	12 33.23
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
101.0	13 15.59	13 10.26	13 05.06	13 00.15	12 55.40	12 50.76	12 46.22	12 41.78	12 37.68
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
102.0	13 20.04	13 14.71	13 09.51	13 04.60	12 59.85	12 55.20	12 50.66	12 46.23	12 42.13
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
103.0	13 24.48	13 19.15	13 13.95	13 09.05	13 04.29	12 59.65	12 55.11	12 50.67	12 46.57
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
104.0	13 28.93	13 23.60	13 18.40	13 13.49	13 08.74	13 04.09	12 59.55	12 55.12	12 51.02
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
105.0	13 33.38	13 28.04	13 22.84	13 17.94	13 13.18	13 08.54	13 04.00	12 59.56	12 55.46
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
106.0	13 37.82	13 32.49	13 27.29	13 22.38	13 17.63	13 12.99	13 08.45	13 04.01	12 59.91
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
107.0	13 42.27	13 36.93	13 31.73	13 26.83	13 22.08	13 17.43	13 12.89	13 08.45	13 04.35
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
108.0	13 46.71	13 41.38	13 36.18	13 31.27	13 26.52	13 21.88	13 17.34	13 12.90	13 08.80
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
109.0	13 51.16	13 45.83	13 40.63	13 35.72	13 30.97	13 26.32	13 21.78	13 17.35	13 13.25
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
110.0	13 55.60	13 50.27	13 45.07	13 40.17	13 35.41	13 30.77	13 26.23	13 21.79	13 17.69
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
111.0	14 00.05	13 54.72	13 49.52	13 44.61	13 39.86	13 35.21	13 30.67	13 26.24	13 22.14
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
112.0	14 04.50	13 59.16	13 53.96	13 49.06	13 44.30	13 39.66	13 35.12	13 30.68	13 26.58
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
113.0	14 08.94	14 03.61	13 58.41	13 53.50	13 48.75	13 44.11	13 39.57	13 35.13	13 31.03
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
114.0	14 13.39	14 08.05	14 02.85	13 57.95	13 53.20	13 48.55	13 44.01	13 39.57	13 35.47
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
115.0	14 17.83	14 12.50	14 07.30	14 02.39	13 57.64	13 53.00	13 48.46	13 44.02	13 39.92
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
116.0	14 22.28	14 16.94	14 11.75	14 06.84	14 02.09	13 57.44	13 52.90	13 48.47	13 44.36
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
117.0	14 26.72	14 21.39	14 16.19	14 11.29	14 06.53	14 01.89	13 57.35	13 52.91	13 48.81
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
118.0	14 31.17	14 25.84	14 20.64	14 15.73	14 10.98	14 06.33	14 01.79	13 57.36	13 53.26
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
119.0	14 35.62	14 30.28	14 25.08	14 20.18	14 15.42	14 10.78	14 06.24	14 01.80	13 57.70
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
120.0	14 40.06	14 34.73	14 29.53	14 24.62	14 19.87	14 15.22	14 10.68	14 06.25	14 02.15
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
121.0	14 44.51	14 39.17	14 33.97	14 29.07	14 24.32	14 19.67	14 15.13	14 10.69	14 06.59
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
122.0	14 48.95	14 43.62	14 38.42	14 33.51	14 28.76	14 24.12	14 19.58	14 15.14	14 11.04
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
123.0	14 53.40	14 48.06	14 42.86	14 37.96	14 33.21	14 28.56	14 24.02	14 19.59	14 15.48
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
124.0	14 57.84	14 52.51	14 47.31	14 42.41	14 37.65	14 33.01	14 28.47	14 24.03	14 19.93
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*
125.0	15 02.29	14 56.96	14 51.76	14 46.85	14 42.10	14 37.45	14 32.91	14 28.48	14 24.38
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*

S

Δ	Depth of source [km] 0.	15.	35.	50.	100.	150.	200.	250.
	m s	m s	m s	m s	m s	m s	m s	m s
0.0	0 00.00	0 04.34	0 09.68	0 13.02	0 24.16	0 35.27	0 46.35	0 57.34
	32.14	*0.01*	*0.01*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
1.0	0 32.14	0 31.98	0 30.38	0 30.74	0 35.74	0 43.61	0 52.78	1 02.52
	32.14	*28.79*	*24.68*	*24.02*	*19.20*	*15.03*	*12.04*	*9.91*
2.0	1 00.75	0 57.98	0 55.06	0 55.14	0 57.38	1 02.05	1 08.43	1 15.89
	24.68	*24.68*	*24.68*	*24.55*	*23.05*	*20.76*	*18.40*	*16.22*
3.0	1 25.43	1 22.66	1 19.73	1 19.72	1 20.94	1 23.92	1 28.39	1 33.95
	24.68	*24.68*	*24.67*	*24.60*	*23.89*	*22.66*	*21.15*	*19.51*
4.0	1 50.10	1 47.33	1 44.40	1 44.33	1 44.99	1 47.00	1 50.24	1 54.40
	24.67	*24.67*	*24.66*	*24.61*	*24.17*	*23.40*	*22.40*	*21.21*
5.0	2 14.76	2 11.99	2 09.06	2 08.93	2 09.22	2 10.59	2 12.98	2 16.12
	24.66	*24.65*	*24.65*	*24.60*	*24.28*	*23.74*	*23.03*	*22.14*
6.0	2 39.41	2 36.63	2 33.70	2 33.52	2 33.53	2 34.43	2 36.20	2 38.54
	24.64	*24.64*	*24.63*	*24.59*	*24.33*	*23.92*	*23.38*	*22.67*
7.0	3 04.04	3 01.26	2 58.32	2 58.10	2 57.87	2 58.40	2 59.69	3 01.38
	24.62	*24.62*	*24.61*	*24.57*	*24.35*	*24.01*	*23.58*	*22.98*
8.0	3 28.65	3 25.87	3 22.92	3 22.66	3 22.21	3 22.44	3 23.34	3 24.45
	24.60	*24.60*	*24.59*	*24.55*	*24.35*	*24.06*	*23.70*	*23.16*
9.0	3 53.24	3 50.45	3 47.50	3 47.19	3 46.56	3 46.52	3 47.08	3 47.67
	24.57	*24.57*	*24.56*	*24.52*	*24.34*	*24.09*	*23.78*	*23.25*
10.0	4 17.80	4 15.01	4 12.05	4 11.70	4 10.88	4 10.61	4 10.89	4 10.93
	24.55	*24.54*	*24.53*	*24.49*	*24.32*	*24.10*	*23.82*	*23.26*
11.0	4 42.33	4 39.53	4 36.56	4 36.17	4 35.19	4 34.71	4 34.72	4 34.16
	24.51	*24.51*	*24.50*	*24.46*	*24.29*	*24.09*	*23.84*	*23.19*
12.0	5 06.83	5 04.02	5 01.04	5 00.61	4 59.47	4 58.79	4 58.57	4 57.30
	24.48	*24.47*	*24.46*	*24.42*	*24.26*	*24.08*	*23.85*	*23.06*
13.0	5 31.29	5 28.47	5 25.48	5 25.01	5 23.72	5 22.86	5 22.36	5 20.27
	24.44	*24.43*	*24.42*	*24.38*	*24.23*	*24.06*	*23.47*	*22.88*
14.0	5 55.70	5 52.89	5 49.88	5 49.37	5 47.93	5 46.90	5 45.66	5 43.04
	24.40	*24.39*	*24.38*	*24.34*	*24.20*	*24.03*	*23.15*	*22.66*
15.0	6 20.08	6 17.25	6 14.24	6 13.69	6 12.11	6 10.91	6 08.66	6 05.58
	24.35	*24.34*	*24.33*	*24.29*	*24.16*	*23.99*	*22.85*	*22.41*
16.0	6 44.41	6 41.57	6 38.55	6 37.96	6 36.25	6 34.82	6 31.36	6 25.83
	24.30	*24.30*	*24.28*	*24.25*	*24.12*	*23.04*	*22.55*	*20.13*
17.0	7 08.69	7 05.85	7 02.81	7 02.18	7 00.34	6 57.66	6 51.68	6 45.87
	24.26	*24.25*	*24.23*	*24.20*	*24.07*	*22.65*	*20.09*	*19.95*
18.0	7 32.92	7 30.07	7 27.02	7 26.36	7 24.01	7 17.81	7 11.68	7 05.73
	24.21	*24.20*	*24.19*	*24.15*	*20.15*	*20.04*	*19.90*	*19.74*
19.0	7 57.10	7 54.24	7 51.17	7 50.47	7 44.07	7 37.75	7 31.47	7 25.35
	24.16	*24.15*	*24.13*	*20.10*	*19.97*	*19.83*	*19.68*	*19.50*
20.0	8 19.77	8 16.38	8 12.44	8 10.47	8 03.94	7 57.46	7 51.02	7 44.72
	20.00	*19.97*	*19.94*	*19.90*	*19.75*	*19.59*	*19.42*	*19.23*
21.0	8 39.66	8 36.24	8 32.27	8 30.25	8 23.57	8 16.92	8 09.91	8 01.99
	19.77	*19.74*	*19.70*	*19.65*	*19.49*	*19.32*	*16.38*	*16.32*
22.0	8 59.30	8 55.85	8 51.83	8 49.77	8 42.56	8 34.36	8 26.22	8 18.25
	19.50	*19.47*	*19.42*	*19.37*	*16.36*	*16.31*	*16.25*	*16.19*
23.0	9 17.88	9 14.15	9 09.70	9 07.19	8 58.86	8 50.60	8 42.41	8 34.37
	16.33	*16.32*	*16.30*	*16.28*	*16.23*	*16.18*	*16.12*	*16.03*
24.0	9 34.14	9 30.40	9 25.93	9 23.40	9 15.02	9 06.70	8 58.41	8 50.26
	16.19	*16.18*	*16.17*	*16.15*	*16.09*	*15.99*	*15.84*	*15.82*
25.0	9 50.26	9 46.50	9 42.01	9 39.46	9 30.97	9 22.56	9 14.22	9 06.06
	16.02	*16.00*	*15.96*	*15.89*	*15.83*	*15.81*	*15.79*	*15.78*

S

Δ	Depth of source [km] 0.	15.	35.	50.	100.	150.	200.	250.
	m s	m s	m s	m s	m s	m s	m s	m s
25.0	9 50.26	9 46.50	9 42.01	9 39.46	9 30.97	9 22.56	9 14.22	9 06.06
	16.02	*16.00*	*15.96*	*15.89*	*15.83*	*15.81*	*15.79*	*15.78*
26.0	10 06.14	10 02.37	9 57.85	9 55.29	9 46.78	9 38.35	9 30.00	9 21.82
	15.81	*15.81*	*15.80*	*15.80*	*15.79*	*15.77*	*15.76*	*15.75*
27.0	10 21.93	10 18.16	10 13.64	10 11.07	10 02.55	9 54.11	9 45.75	9 37.56
	15.78	*15.77*	*15.77*	*15.77*	*15.76*	*15.75*	*15.74*	*15.73*
28.0	10 37.69	10 33.92	10 29.40	10 26.82	10 18.29	10 09.84	10 01.47	9 53.27
	15.75	*15.75*	*15.74*	*15.74*	*15.73*	*15.72*	*15.71*	*15.70*
29.0	10 53.43	10 49.65	10 45.13	10 42.55	10 34.01	10 25.55	10 17.17	10 08.95
	15.72	*15.72*	*15.72*	*15.71*	*15.70*	*15.69*	*15.68*	*15.66*
30.0	11 09.14	11 05.36	11 00.83	10 58.25	10 49.70	10 41.22	10 32.82	10 24.59
	15.69	*15.69*	*15.69*	*15.68*	*15.67*	*15.65*	*15.63*	*15.61*
31.0	11 24.81	11 21.03	11 16.50	11 13.91	11 05.34	10 56.85	10 48.43	10 40.18
	15.66	*15.65*	*15.65*	*15.64*	*15.62*	*15.60*	*15.58*	*15.55*
32.0	11 40.45	11 36.66	11 32.12	11 29.53	11 20.94	11 12.42	11 03.98	10 55.70
	15.61	*15.60*	*15.60*	*15.59*	*15.57*	*15.54*	*15.51*	*15.48*
33.0	11 56.02	11 52.23	11 47.69	11 45.09	11 36.47	11 27.93	11 19.46	11 11.14
	15.54	*15.54*	*15.53*	*15.52*	*15.50*	*15.47*	*15.44*	*15.41*
34.0	12 11.53	12 07.73	12 03.18	12 00.58	11 51.93	11 43.36	11 34.86	11 26.52
	15.47	*15.47*	*15.46*	*15.45*	*15.42*	*15.39*	*15.36*	*15.33*
35.0	12 26.97	12 23.16	12 18.60	12 15.99	12 07.32	11 58.72	11 50.18	11 41.81
	15.40	*15.39*	*15.38*	*15.37*	*15.35*	*15.32*	*15.29*	*15.25*
36.0	12 42.32	12 38.51	12 33.95	12 31.32	12 22.62	12 13.99	12 05.43	11 57.02
	15.32	*15.31*	*15.30*	*15.30*	*15.27*	*15.24*	*15.20*	*15.17*
37.0	12 57.60	12 53.79	12 49.21	12 46.58	12 37.85	12 29.19	12 20.59	12 12.15
	15.24	*15.23*	*15.22*	*15.21*	*15.18*	*15.15*	*15.12*	*15.09*
38.0	13 12.80	13 08.98	13 04.39	13 01.75	12 52.99	12 44.30	12 35.67	12 27.19
	15.15	*15.15*	*15.14*	*15.13*	*15.10*	*15.06*	*15.03*	*15.00*
39.0	13 27.91	13 24.08	13 19.48	13 16.83	13 08.04	12 59.32	12 50.65	12 42.14
	15.07	*15.06*	*15.05*	*15.04*	*15.01*	*14.97*	*14.94*	*14.91*
40.0	13 42.93	13 39.09	13 34.49	13 31.83	13 23.00	13 14.24	13 05.55	12 57.00
	14.97	*14.97*	*14.96*	*14.95*	*14.92*	*14.88*	*14.85*	*14.81*
41.0	13 57.86	13 54.01	13 49.40	13 46.73	13 37.87	13 29.08	13 20.35	13 11.77
	14.88	*14.87*	*14.86*	*14.85*	*14.82*	*14.79*	*14.75*	*14.72*
42.0	14 12.69	14 08.84	14 04.21	14 01.53	13 52.64	13 43.82	13 35.05	13 26.44
	14.78	*14.78*	*14.77*	*14.76*	*14.72*	*14.69*	*14.66*	*14.62*
43.0	14 27.42	14 23.57	14 18.93	14 16.24	14 07.32	13 58.46	13 49.66	13 41.01
	14.69	*14.68*	*14.67*	*14.66*	*14.63*	*14.59*	*14.56*	*14.52*
44.0	14 42.06	14 38.20	14 33.56	14 30.86	14 21.90	14 13.00	14 04.17	13 55.48
	14.59	*14.58*	*14.57*	*14.56*	*14.53*	*14.49*	*14.46*	*14.42*
45.0	14 56.60	14 52.73	14 48.08	14 45.37	14 36.38	14 27.45	14 18.58	14 09.85
	14.49	*14.48*	*14.47*	*14.46*	*14.43*	*14.39*	*14.36*	*14.32*
46.0	15 11.04	15 07.16	15 02.50	14 59.78	14 50.75	14 41.79	14 32.88	14 24.12
	14.39	*14.38*	*14.37*	*14.36*	*14.32*	*14.29*	*14.25*	*14.22*
47.0	15 25.37	15 21.49	15 16.81	15 14.08	15 05.02	14 56.02	14 47.08	14 38.28
	14.28	*14.27*	*14.26*	*14.25*	*14.22*	*14.18*	*14.15*	*14.11*
48.0	15 39.60	15 35.71	15 31.02	15 28.28	15 19.19	15 10.15	15 01.18	14 52.34
	14.17	*14.17*	*14.16*	*14.15*	*14.11*	*14.08*	*14.04*	*14.00*
49.0	15 53.72	15 49.82	15 45.13	15 42.38	15 33.25	15 24.18	15 15.17	15 06.29
	14.07	*14.06*	*14.05*	*14.04*	*14.00*	*13.97*	*13.93*	*13.90*
50.0	16 07.73	16 03.83	15 59.12	15 56.36	15 47.20	15 38.09	15 29.05	15 20.14
	13.96	*13.95*	*13.94*	*13.93*	*13.90*	*13.86*	*13.83*	*13.79*

S

Δ	Depth of source [km] 0.	15.	35.	50.	100.	150.	200.	250.
	m s	m s	m s	m s	m s	m s	m s	m s
50.0	16 07.73	16 03.83	15 59.12	15 56.36	15 47.20	15 38.09	15 29.05	15 20.14
	13.96	*13.95*	*13.94*	*13.93*	*13.90*	*13.86*	*13.83*	*13.79*
51.0	16 21.64	16 17.73	16 13.01	16 10.24	16 01.04	15 51.90	15 42.82	15 33.87
	13.85	*13.84*	*13.83*	*13.82*	*13.79*	*13.75*	*13.72*	*13.68*
52.0	16 35.43	16 31.52	16 26.79	16 24.01	16 14.77	16 05.60	15 56.48	15 47.50
	13.74	*13.73*	*13.72*	*13.71*	*13.68*	*13.65*	*13.61*	*13.58*
53.0	16 49.12	16 45.19	16 40.45	16 37.66	16 28.40	16 19.19	16 10.04	16 01.03
	13.63	*13.62*	*13.61*	*13.61*	*13.57*	*13.54*	*13.51*	*13.48*
54.0	17 02.70	16 58.77	16 54.02	16 51.22	16 41.92	16 32.68	16 23.50	16 14.45
	13.53	*13.52*	*13.51*	*13.50*	*13.47*	*13.44*	*13.40*	*13.37*
55.0	17 16.17	17 12.23	17 07.47	17 04.67	16 55.34	16 46.07	16 36.85	16 27.77
	13.42	*13.41*	*13.40*	*13.39*	*13.36*	*13.33*	*13.29*	*13.26*
56.0	17 29.54	17 25.59	17 20.82	17 18.00	17 08.65	16 59.34	16 50.09	16 40.97
	13.31	*13.30*	*13.29*	*13.28*	*13.25*	*13.22*	*13.18*	*13.15*
57.0	17 42.79	17 38.84	17 34.06	17 31.23	17 21.84	17 12.50	17 03.22	16 54.07
	13.20	*13.19*	*13.18*	*13.17*	*13.14*	*13.11*	*13.07*	*13.04*
58.0	17 55.94	17 51.98	17 47.19	17 44.35	17 34.93	17 25.56	17 16.24	17 07.05
	13.09	*13.08*	*13.07*	*13.06*	*13.03*	*13.00*	*12.96*	*12.93*
59.0	18 08.97	18 05.00	18 00.20	17 57.35	17 47.90	17 38.50	17 29.15	17 19.93
	12.98	*12.97*	*12.96*	*12.95*	*12.92*	*12.89*	*12.86*	*12.82*
60.0	18 21.89	18 17.91	18 13.11	18 10.25	18 00.76	17 51.33	17 41.95	17 32.69
	12.87	*12.86*	*12.85*	*12.84*	*12.81*	*12.78*	*12.74*	*12.71*
61.0	18 34.70	18 30.72	18 25.90	18 23.03	18 13.52	18 04.05	17 54.64	17 45.35
	12.75	*12.75*	*12.74*	*12.73*	*12.70*	*12.67*	*12.63*	*12.60*
62.0	18 47.39	18 43.41	18 38.58	18 35.71	18 26.16	18 16.66	18 07.21	17 57.89
	12.64	*12.63*	*12.62*	*12.62*	*12.58*	*12.55*	*12.52*	*12.49*
63.0	18 59.98	18 55.99	18 51.15	18 48.26	18 38.68	18 29.16	18 19.68	18 10.33
	12.53	*12.52*	*12.51*	*12.50*	*12.47*	*12.44*	*12.41*	*12.38*
64.0	19 12.45	19 08.45	19 03.60	19 00.71	18 51.10	18 41.54	18 32.03	18 22.65
	12.41	*12.41*	*12.40*	*12.39*	*12.36*	*12.33*	*12.30*	*12.27*
65.0	19 24.80	19 20.80	19 15.94	19 13.04	19 03.40	18 53.81	18 44.27	18 34.86
	12.30	*12.29*	*12.28*	*12.28*	*12.25*	*12.22*	*12.19*	*12.15*
66.0	19 37.05	19 33.04	19 28.17	19 25.26	19 15.59	19 05.97	18 56.40	18 46.95
	12.19	*12.18*	*12.17*	*12.16*	*12.13*	*12.10*	*12.07*	*12.04*
67.0	19 49.18	19 45.16	19 40.28	19 37.36	19 27.67	19 18.02	19 08.42	18 58.94
	12.07	*12.07*	*12.06*	*12.05*	*12.02*	*11.99*	*11.96*	*11.93*
68.0	20 01.19	19 57.17	19 52.29	19 49.36	19 39.63	19 29.95	19 20.32	19 10.81
	11.96	*11.95*	*11.94*	*11.94*	*11.91*	*11.88*	*11.85*	*11.82*
69.0	20 13.09	20 09.07	20 04.17	20 01.23	19 51.48	19 41.77	19 32.11	19 22.57
	11.84	*11.84*	*11.83*	*11.82*	*11.79*	*11.76*	*11.73*	*11.70*
70.0	20 24.88	20 20.85	20 15.94	20 13.00	20 03.21	19 53.48	19 43.79	19 34.22
	11.73	*11.72*	*11.71*	*11.71*	*11.68*	*11.65*	*11.62*	*11.59*
71.0	20 36.55	20 32.51	20 27.60	20 24.65	20 14.83	20 05.07	19 55.35	19 45.75
	11.61	*11.61*	*11.60*	*11.59*	*11.56*	*11.53*	*11.50*	*11.47*
72.0	20 48.11	20 44.06	20 39.14	20 36.18	20 26.34	20 16.54	20 06.80	19 57.17
	11.50	*11.49*	*11.48*	*11.47*	*11.45*	*11.42*	*11.39*	*11.36*
73.0	20 59.55	20 55.49	20 50.57	20 47.59	20 37.73	20 27.90	20 18.12	20 08.46
	11.38	*11.37*	*11.36*	*11.36*	*11.33*	*11.30*	*11.27*	*11.24*
74.0	21 10.87	21 06.81	21 01.87	20 58.89	20 48.99	20 39.14	20 29.33	20 19.64
	11.26	*11.25*	*11.24*	*11.24*	*11.21*	*11.18*	*11.15*	*11.12*
75.0	21 22.07	21 18.00	21 13.05	21 10.07	21 00.14	20 50.26	20 40.42	20 30.71
	11.14	*11.13*	*11.13*	*11.12*	*11.09*	*11.06*	*11.03*	*11.01*

S

Δ	Depth of source [km] 0.	15.	35.	50.	100.	150.	200.	250.
	m s	m s	m s	m s	m s	m s	m s	m s
75.0	21 22.07	21 18.00	21 13.05	21 10.07	21 00.14	20 50.26	20 40.42	20 30.71
	11.14	*11.13*	*11.13*	*11.12*	*11.09*	*11.06*	*11.03*	*11.01*
76.0	21 33.15	21 29.08	21 24.12	21 21.12	21 11.17	21 01.27	20 51.40	20 41.66
	11.02	*11.02*	*11.01*	*11.00*	*10.97*	*10.95*	*10.92*	*10.89*
77.0	21 44.11	21 40.03	21 35.07	21 32.07	21 22.09	21 12.15	21 02.26	20 52.49
	10.90	*10.90*	*10.89*	*10.88*	*10.85*	*10.83*	*10.80*	*10.77*
78.0	21 54.95	21 50.87	21 45.90	21 42.89	21 32.88	21 22.92	21 13.00	21 03.20
	10.78	*10.78*	*10.77*	*10.76*	*10.73*	*10.71*	*10.68*	*10.65*
79.0	22 05.68	22 01.59	21 56.61	21 53.59	21 43.55	21 33.57	21 23.62	21 13.79
	10.66	*10.66*	*10.65*	*10.64*	*10.62*	*10.59*	*10.56*	*10.54*
80.0	22 16.28	22 12.19	22 07.20	22 04.17	21 54.11	21 44.10	21 34.12	21 24.27
	10.55	*10.54*	*10.53*	*10.52*	*10.50*	*10.47*	*10.45*	*10.42*
81.0	22 26.77	22 22.67	22 17.67	22 14.63	22 04.55	21 54.51	21 44.51	21 34.62
	10.43	*10.42*	*10.41*	*10.40*	*10.38*	*10.35*	*10.32*	*10.29*
82.0	22 37.13	22 33.02	22 28.02	22 24.97	22 14.86	22 04.79	21 54.76	21 44.85
	10.30	*10.29*	*10.28*	*10.27*	*10.25*	*10.22*	*10.19*	*10.17*
83.0	22 47.36	22 43.25	22 38.23	22 35.19	22 25.05	22 14.95	22 04.90	21 54.96
	10.17	*10.16*	*10.16*	*10.15*	*10.12*	*10.10*	*10.07*	*10.04*
84.0	22 57.47	22 53.35	22 48.33	22 45.27	22 35.11	22 24.99	22 14.91	22 04.94
	10.05	*10.04*	*10.03*	*10.03*	*10.00*	*9.97*	*9.95*	*9.92*
85.0	23 07.45	23 03.33	22 58.30	22 55.23	22 45.05	22 34.90	22 24.79	22 14.80
	9.92	*9.92*	*9.91*	*9.90*	*9.88*	*9.85*	*9.82*	*9.80*
86.0	23 17.31	23 13.18	23 08.14	23 05.07	22 54.86	22 44.69	22 34.55	22 24.53
	9.79	*9.79*	*9.78*	*9.77*	*9.75*	*9.72*	*9.70*	*9.67*
87.0	23 27.04	23 22.91	23 17.86	23 14.78	23 04.54	22 54.34	22 44.18	22 34.14
	9.67	*9.66*	*9.65*	*9.64*	*9.62*	*9.59*	*9.57*	*9.54*
88.0	23 36.64	23 32.50	23 27.45	23 24.36	23 14.10	23 03.87	22 53.69	22 43.61
	9.53	*9.53*	*9.52*	*9.51*	*9.49*	*9.46*	*9.44*	*9.41*
89.0	23 46.11	23 41.97	23 36.90	23 33.81	23 23.52	23 13.27	23 03.05	22 52.95
	9.40	*9.40*	*9.39*	*9.38*	*9.35*	*9.33*	*9.30*	*9.28*
90.0	23 55.44	23 51.29	23 46.22	23 43.12	23 32.80	23 22.53	23 12.29	23 02.16
	9.27	*9.26*	*9.25*	*9.25*	*9.22*	*9.20*	*9.17*	*9.14*
91.0	24 04.64	24 00.49	23 55.41	23 52.30	23 41.96	23 31.66	23 21.39	23 11.24
	9.13	*9.13*	*9.12*	*9.11*	*9.09*	*9.06*	*9.04*	*9.01*
92.0	24 13.71	24 09.55	24 04.46	24 01.34	23 50.98	23 40.65	23 30.36	23 20.18
	9.00	*8.99*	*8.98*	*8.98*	*8.95*	*8.93*	*8.90*	*8.88*
93.0	24 22.63	24 18.47	24 13.37	24 10.25	23 59.86	23 49.51	23 39.20	23 29.00
	8.86	*8.85*	*8.85*	*8.84*	*8.82*	*8.79*	*8.78*	*8.76*
94.0	24 31.43	24 27.26	24 22.16	24 19.03	24 08.63	23 58.27	23 47.94	23 37.73
	8.75	*8.75*	*8.75*	*8.74*	*8.73*	*8.72*	*8.71*	*8.71*
95.0	24 40.16	24 35.98	24 30.88	24 27.75	24 17.34	24 06.97	23 56.63	23 46.41
	8.70	*8.70*	*8.69*	*8.69*	*8.69*	*8.68*	*8.67*	*8.66*
96.0	24 48.83	24 44.66	24 39.55	24 36.42	24 26.00	24 15.62	24 05.27	23 55.04
	8.65	*8.65*	*8.65*	*8.64*	*8.63*	*8.62*	*8.61*	*8.60*
97.0	24 57.46	24 53.28	24 48.17	24 45.03	24 34.60	24 24.20	24 13.85	24 03.60
	8.59	*8.58*	*8.58*	*8.58*	*8.56*	*8.55*	*8.53*	*8.52*
98.0	25 06.00	25 01.82	24 56.71	24 53.57	24 43.12	24 32.71	24 22.34	24 12.08
	8.51	*8.50*	*8.50*	*8.49*	*8.48*	*8.47*	*8.46*	*8.44*
99.0	25 14.47	25 10.29	25 05.17	25 02.02	24 51.56	24 41.14	24 30.76	24 20.48
	8.43	*8.43*	*8.42*	*8.42*	*8.40*	*8.39*	*8.37*	*8.36*
100.0	25 22.86	25 18.67	25 13.55	25 10.40	24 59.93	24 49.50	24 39.10	24 28.82
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*

S

Δ	Depth of source [km] 0.	15.	35.	50.	100.	150.	200.	250.
	m s	m s	m s	m s	m s	m s	m s	m s
100.0	25 22.86	25 18.67	25 13.55	25 10.40	24 59.93	24 49.50	24 39.10	24 28.82
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
101.0	25 31.20	25 27.01	25 21.89	25 18.74	25 08.27	24 57.84	24 47.45	24 37.16
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
102.0	25 39.54	25 35.35	25 30.23	25 27.08	25 16.61	25 06.18	24 55.79	24 45.51
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
103.0	25 47.88	25 43.69	25 38.57	25 35.42	25 24.95	25 14.52	25 04.13	24 53.85
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
104.0	25 56.22	25 52.03	25 46.91	25 43.76	25 33.29	25 22.86	25 12.47	25 02.19
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
105.0	26 04.56	26 00.37	25 55.25	25 52.10	25 41.63	25 31.20	25 20.81	25 10.53
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
106.0	26 12.90	26 08.71	26 03.59	26 00.44	25 49.97	25 39.54	25 29.15	25 18.87
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
107.0	26 21.24	26 17.05	26 11.93	26 08.78	25 58.31	25 47.88	25 37.49	25 27.21
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
108.0	26 29.58	26 25.39	26 20.27	26 17.12	26 06.65	25 56.22	25 45.83	25 35.55
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
109.0	26 37.92	26 33.74	26 28.61	26 25.46	26 14.99	26 04.56	25 54.17	25 43.89
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
110.0	26 46.26	26 42.08	26 36.95	26 33.80	26 23.33	26 12.90	26 02.51	25 52.23
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
111.0	26 54.60	26 50.42	26 45.29	26 42.14	26 31.67	26 21.24	26 10.85	26 00.57
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
112.0	27 02.94	26 58.76	26 53.63	26 50.48	26 40.01	26 29.58	26 19.19	26 08.91
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
113.0	27 11.28	27 07.10	27 01.97	26 58.82	26 48.35	26 37.92	26 27.53	26 17.25
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
114.0	27 19.62	27 15.44	27 10.31	27 07.16	26 56.69	26 46.26	26 35.87	26 25.59
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
115.0	27 27.97	27 23.78	27 18.65	27 15.51	27 05.03	26 54.61	26 44.21	26 33.93
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
116.0	27 36.31	27 32.12	27 27.00	27 23.85	27 13.38	27 02.95	26 52.55	26 42.27
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
117.0	27 44.65	27 40.46	27 35.34	27 32.19	27 21.72	27 11.29	27 00.89	26 50.61
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
118.0	27 52.99	27 48.80	27 43.68	27 40.53	27 30.06	27 19.63	27 09.24	26 58.95
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
119.0	28 01.33	27 57.14	27 52.02	27 48.87	27 38.40	27 27.97	27 17.58	27 07.30
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
120.0	28 09.67	28 05.48	28 00.36	27 57.21	27 46.74	27 36.31	27 25.92	27 15.64
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
121.0	28 18.01	28 13.82	28 08.70	28 05.55	27 55.08	27 44.65	27 34.26	27 23.98
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
122.0	28 26.35	28 22.16	28 17.04	28 13.89	28 03.42	27 52.99	27 42.60	27 32.32
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
123.0	28 34.69	28 30.50	28 25.38	28 22.23	28 11.76	28 01.33	27 50.94	27 40.66
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
124.0	28 43.03	28 38.84	28 33.72	28 30.57	28 20.10	28 09.67	27 59.28	27 49.00
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
125.0	28 51.37	28 47.18	28 42.06	28 38.91	28 28.44	28 18.01	28 07.62	27 57.34
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*

S

Δ	Depth of source [km] 300.	350.	400.	450.	500.	550.	600.	650.	700.
	m s	m s	m s	m s	m s	m s	m s	m s	m s
0.0	1 08.13	1 18.72	1 29.12	1 38.99	1 48.57	1 57.96	2 07.17	2 16.20	2 24.64
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
1.0	1 12.42	1 22.37	1 32.27	1 41.74	1 51.00	2 00.13	2 09.12	2 17.97	2 26.25
	8.32	*7.10*	*6.16*	*5.40*	*4.78*	*4.27*	*3.84*	*3.49*	*3.16*
2.0	1 23.96	1 32.41	1 41.11	1 49.54	1 57.94	2 06.35	2 14.74	2 23.07	2 30.88
	14.30	*12.65*	*11.25*	*10.03*	*8.99*	*8.09*	*7.32*	*6.66*	*6.06*
3.0	1 40.21	1 47.03	1 54.29	2 01.40	2 08.65	2 16.08	2 23.60	2 31.17	2 38.28
	17.87	*16.31*	*14.88*	*13.51*	*12.29*	*11.22*	*10.29*	*9.46*	*8.66*
4.0	1 59.19	2 04.57	2 10.46	2 16.21	2 22.24	2 28.56	2 35.10	2 41.80	2 48.05
	19.91	*18.58*	*17.29*	*15.96*	*14.74*	*13.63*	*12.62*	*11.70*	*10.81*
5.0	2 19.74	2 23.91	2 28.59	2 33.06	2 37.89	2 43.12	2 48.65	2 54.42	2 59.76
	21.09	*19.98*	*18.87*	*17.62*	*16.46*	*15.39*	*14.40*	*13.48*	*12.53*
6.0	2 41.21	2 44.36	2 48.01	2 51.27	2 54.99	2 59.18	3 03.74	3 08.60	3 12.98
	21.80	*20.86*	*19.89*	*18.72*	*17.65*	*16.66*	*15.71*	*14.82*	*13.86*
7.0	3 03.24	3 05.52	3 08.26	3 10.37	3 13.06	3 16.30	3 19.96	3 23.96	3 27.36
	22.23	*21.41*	*20.56*	*19.41*	*18.45*	*17.54*	*16.67*	*15.83*	*14.85*
8.0	3 25.60	3 27.12	3 29.06	3 30.00	3 31.78	3 34.16	3 36.98	3 40.17	3 42.58
	22.48	*21.75*	*21.00*	*19.80*	*18.95*	*18.13*	*17.34*	*16.56*	*15.55*
9.0	3 48.15	3 48.97	3 50.20	3 49.89	3 50.90	3 52.50	3 54.56	3 57.01	3 58.37
	22.61	*21.95*	*21.27*	*19.97*	*19.25*	*18.52*	*17.80*	*17.08*	*16.00*
10.0	4 10.79	4 10.97	4 10.84	4 09.89	4 10.23	4 11.14	4 12.52	4 14.28	4 14.50
	22.65	*22.04*	*20.41*	*20.01*	*19.39*	*18.75*	*18.09*	*17.44*	*16.23*
11.0	4 33.43	4 33.02	4 31.23	4 29.88	4 29.65	4 29.96	4 30.71	4 31.52	4 30.78
	22.61	*22.05*	*20.34*	*19.98*	*19.44*	*18.86*	*18.27*	*16.68*	*16.32*
12.0	4 55.99	4 55.05	4 51.53	4 49.82	4 49.09	4 48.84	4 49.03	4 48.19	4 47.11
	22.52	*21.99*	*20.25*	*19.90*	*19.42*	*18.90*	*18.36*	*16.64*	*16.32*
13.0	5 18.45	5 15.58	5 11.72	5 09.67	5 08.47	5 07.73	5 07.39	5 04.79	5 03.40
	22.38	*20.27*	*20.13*	*19.78*	*19.34*	*18.86*	*18.37*	*16.57*	*16.27*
14.0	5 40.30	5 35.79	5 31.77	5 29.38	5 27.76	5 26.56	5 25.01	5 21.32	5 19.64
	20.28	*20.15*	*19.98*	*19.64*	*19.23*	*18.79*	*16.58*	*16.48*	*16.21*
15.0	6 00.52	5 55.87	5 51.66	5 48.94	5 46.91	5 45.29	5 41.55	5 37.75	5 35.81
	20.15	*19.99*	*19.80*	*19.47*	*19.08*	*18.67*	*16.49*	*16.37*	*16.13*
16.0	6 20.59	6 15.77	6 11.36	6 08.31	6 05.91	6 02.32	5 57.99	5 54.06	5 51.89
	19.99	*19.81*	*19.60*	*19.27*	*18.91*	*16.49*	*16.37*	*16.25*	*16.01*
17.0	6 40.48	6 35.47	6 30.84	6 27.48	6 23.60	6 18.75	6 14.30	6 10.26	6 07.81
	19.79	*19.59*	*19.37*	*19.06*	*16.47*	*16.36*	*16.26*	*16.14*	*15.84*
18.0	7 00.15	6 54.95	6 50.09	6 45.33	6 40.00	6 35.05	6 30.50	6 26.32	6 23.62
	19.56	*19.35*	*19.13*	*16.43*	*16.34*	*16.24*	*16.14*	*15.97*	*15.79*
19.0	7 19.59	7 14.18	7 07.64	7 01.70	6 56.28	6 51.24	6 46.56	6 42.18	6 39.40
	19.31	*19.10*	*16.39*	*16.30*	*16.22*	*16.12*	*15.95*	*15.81*	*15.76*
20.0	7 38.06	7 30.85	7 23.96	7 17.94	7 12.43	7 07.26	7 02.40	6 57.98	6 55.15
	16.39	*16.33*	*16.26*	*16.18*	*16.08*	*15.87*	*15.81*	*15.78*	*15.74*
21.0	7 54.39	7 47.11	7 40.15	7 34.05	7 28.39	7 23.08	7 18.19	7 13.74	7 10.88
	16.26	*16.20*	*16.13*	*16.02*	*15.84*	*15.80*	*15.77*	*15.75*	*15.71*
22.0	8 10.59	8 03.24	7 56.18	7 49.93	7 44.20	7 38.87	7 33.95	7 29.48	7 26.58
	16.13	*16.05*	*15.86*	*15.82*	*15.79*	*15.77*	*15.75*	*15.73*	*15.69*
23.0	8 26.62	8 19.15	8 12.00	8 05.73	7 59.97	7 54.62	7 49.69	7 45.19	7 42.24
	15.86	*15.82*	*15.80*	*15.78*	*15.76*	*15.74*	*15.72*	*15.70*	*15.65*
24.0	8 42.44	8 34.95	8 27.78	8 21.49	8 15.72	8 10.35	8 05.40	8 00.88	7 57.87
	15.80	*15.78*	*15.77*	*15.75*	*15.73*	*15.72*	*15.69*	*15.66*	*15.60*
25.0	8 58.22	8 50.71	8 43.54	8 37.23	8 31.44	8 26.05	8 21.08	8 16.52	8 13.44
	15.77	*15.75*	*15.74*	*15.73*	*15.71*	*15.69*	*15.66*	*15.62*	*15.54*

S

Δ	Depth of source [km] 300.	350.	400.	450.	500.	550.	600.	650.	700.
	m s	m s	m s	m s	m s	m s	m s	m s	m s
50.0	15 11.51	15 03.15	14 55.07	14 47.72	14 40.78	14 34.14	14 27.80	14 21.75	14 16.67
	13.75	*13.71*	*13.67*	*13.63*	*13.58*	*13.53*	*13.48*	*13.42*	*13.36*
51.0	15 25.20	15 16.81	15 08.69	15 01.30	14 54.31	14 47.62	14 41.23	14 35.12	14 29.98
	13.65	*13.61*	*13.57*	*13.53*	*13.48*	*13.43*	*13.38*	*13.32*	*13.25*
52.0	15 38.80	15 30.37	15 22.21	15 14.77	15 07.74	15 01.00	14 54.55	14 48.39	14 43.18
	13.54	*13.51*	*13.47*	*13.42*	*13.38*	*13.33*	*13.27*	*13.22*	*13.15*
53.0	15 52.29	15 43.82	15 35.63	15 28.14	15 21.06	15 14.28	15 07.77	15 01.56	14 56.28
	13.44	*13.40*	*13.36*	*13.32*	*13.27*	*13.22*	*13.17*	*13.11*	*13.05*
54.0	16 05.68	15 57.17	15 48.93	15 41.41	15 34.28	15 27.44	15 20.89	15 14.62	15 09.27
	13.33	*13.29*	*13.25*	*13.21*	*13.16*	*13.11*	*13.06*	*13.01*	*12.94*
55.0	16 18.96	16 10.41	16 02.13	15 54.56	15 47.39	15 40.50	15 33.90	15 27.57	15 22.17
	13.22	*13.19*	*13.15*	*13.10*	*13.06*	*13.01*	*12.96*	*12.90*	*12.84*
56.0	16 32.12	16 23.54	16 15.23	16 07.61	16 00.39	15 53.46	15 46.80	15 40.42	15 34.96
	13.11	*13.08*	*13.04*	*12.99*	*12.95*	*12.90*	*12.85*	*12.80*	*12.74*
57.0	16 45.18	16 36.56	16 28.21	16 20.55	16 13.29	16 06.31	15 59.60	15 53.17	15 47.64
	13.00	*12.97*	*12.93*	*12.89*	*12.84*	*12.80*	*12.75*	*12.69*	*12.63*
58.0	16 58.13	16 49.48	16 41.08	16 33.39	16 26.08	16 19.05	16 12.30	16 05.81	16 00.22
	12.90	*12.86*	*12.82*	*12.78*	*12.74*	*12.69*	*12.64*	*12.59*	*12.53*
59.0	17 10.97	17 02.28	16 53.85	16 46.11	16 38.76	16 31.68	16 24.88	16 18.35	16 12.69
	12.79	*12.75*	*12.71*	*12.67*	*12.63*	*12.58*	*12.53*	*12.48*	*12.42*
60.0	17 23.71	17 14.98	17 06.51	16 58.73	16 51.33	16 44.21	16 37.36	16 30.77	16 25.06
	12.68	*12.64*	*12.60*	*12.56*	*12.52*	*12.47*	*12.42*	*12.37*	*12.32*
61.0	17 36.33	17 27.57	17 19.06	17 11.24	17 03.80	16 56.63	16 49.73	16 43.09	16 37.33
	12.57	*12.53*	*12.49*	*12.45*	*12.41*	*12.36*	*12.32*	*12.27*	*12.21*
62.0	17 48.84	17 40.04	17 31.50	17 23.63	17 16.15	17 08.94	17 01.99	16 55.31	16 49.48
	12.45	*12.42*	*12.38*	*12.34*	*12.30*	*12.26*	*12.21*	*12.16*	*12.10*
63.0	18 01.24	17 52.40	17 43.82	17 35.92	17 28.39	17 21.14	17 14.15	17 07.41	17 01.53
	12.34	*12.31*	*12.27*	*12.23*	*12.19*	*12.15*	*12.10*	*12.05*	*12.00*
64.0	18 13.52	18 04.66	17 56.04	17 48.10	17 40.53	17 33.23	17 26.19	17 19.41	17 13.48
	12.23	*12.20*	*12.16*	*12.12*	*12.08*	*12.04*	*11.99*	*11.95*	*11.89*
65.0	18 25.70	18 16.80	18 08.15	18 00.17	17 52.56	17 45.22	17 38.13	17 31.30	17 25.31
	12.12	*12.09*	*12.05*	*12.01*	*11.97*	*11.93*	*11.88*	*11.84*	*11.78*
66.0	18 37.77	18 28.83	18 20.14	18 12.12	18 04.47	17 57.09	17 49.96	17 43.09	17 37.04
	12.01	*11.98*	*11.94*	*11.90*	*11.86*	*11.82*	*11.77*	*11.73*	*11.68*
67.0	18 49.72	18 40.75	18 32.03	18 23.97	18 16.28	18 08.85	18 01.68	17 54.76	17 48.66
	11.90	*11.86*	*11.83*	*11.79*	*11.75*	*11.71*	*11.67*	*11.62*	*11.57*
68.0	19 01.56	18 52.56	18 43.80	18 35.71	18 27.98	18 20.51	18 13.29	18 06.33	18 00.18
	11.78	*11.75*	*11.72*	*11.68*	*11.64*	*11.60*	*11.55*	*11.51*	*11.46*
69.0	19 13.29	19 04.25	18 55.46	18 47.33	18 39.56	18 32.05	18 24.79	18 17.78	18 11.58
	11.67	*11.64*	*11.61*	*11.57*	*11.53*	*11.49*	*11.44*	*11.40*	*11.34*
70.0	19 24.90	19 15.84	19 07.01	18 58.84	18 51.03	18 43.48	18 36.18	18 29.12	18 22.86
	11.56	*11.53*	*11.49*	*11.45*	*11.41*	*11.37*	*11.33*	*11.28*	*11.23*
71.0	19 36.40	19 27.30	19 18.44	19 10.24	19 02.39	18 54.79	18 47.45	18 40.35	18 34.04
	11.44	*11.41*	*11.38*	*11.34*	*11.30*	*11.26*	*11.21*	*11.17*	*11.12*
72.0	19 47.79	19 38.65	19 29.76	19 21.52	19 13.63	19 05.99	18 58.61	18 51.46	18 45.11
	11.33	*11.29*	*11.26*	*11.22*	*11.18*	*11.14*	*11.10*	*11.06*	*11.01*
73.0	19 59.05	19 49.89	19 40.96	19 32.68	19 24.76	19 17.08	19 09.65	19 02.46	18 56.06
	11.21	*11.18*	*11.14*	*11.11*	*11.07*	*11.03*	*10.99*	*10.95*	*10.90*
74.0	20 10.20	20 01.01	19 52.05	19 43.73	19 35.77	19 28.06	19 20.59	19 13.35	19 06.90
	11.09	*11.06*	*11.03*	*10.99*	*10.96*	*10.92*	*10.88*	*10.83*	*10.78*
75.0	20 21.24	20 12.01	20 03.02	19 54.67	19 46.67	19 38.92	19 31.40	19 24.13	19 17.63
	10.98	*10.95*	*10.91*	*10.88*	*10.84*	*10.80*	*10.76*	*10.72*	*10.67*

S

Δ	Depth of source [km] 300.	350.	400.	450.	500.	550.	600.	650.	700.
	m s	m s	m s	m s	m s	m s	m s	m s	m s
75.0	20 21.24	20 12.01	20 03.02	19 54.67	19 46.67	19 38.92	19 31.40	19 24.13	19 17.63
	10.98	*10.95*	*10.91*	*10.88*	*10.84*	*10.80*	*10.76*	*10.72*	*10.67*
76.0	20 32.16	20 22.90	20 13.87	20 05.49	19 57.45	19 49.66	19 42.11	19 34.79	19 28.25
	10.86	*10.83*	*10.80*	*10.76*	*10.72*	*10.69*	*10.65*	*10.61*	*10.56*
77.0	20 42.96	20 33.67	20 24.61	20 16.19	20 08.11	20 00.29	19 52.70	19 45.34	19 38.75
	10.74	*10.71*	*10.68*	*10.64*	*10.61*	*10.57*	*10.53*	*10.49*	*10.45*
78.0	20 53.64	20 44.32	20 35.23	20 26.78	20 18.67	20 10.80	20 03.17	19 55.78	19 49.14
	10.62	*10.59*	*10.56*	*10.53*	*10.50*	*10.46*	*10.42*	*10.38*	*10.33*
79.0	21 04.20	20 54.85	20 45.74	20 37.25	20 29.10	20 21.20	20 13.53	20 06.09	19 59.41
	10.51	*10.48*	*10.45*	*10.41*	*10.38*	*10.34*	*10.30*	*10.26*	*10.21*
80.0	21 14.65	21 05.27	20 56.12	20 47.60	20 39.42	20 31.48	20 23.77	20 16.29	20 09.56
	10.39	*10.36*	*10.32*	*10.29*	*10.25*	*10.21*	*10.18*	*10.14*	*10.09*
81.0	21 24.98	21 15.57	21 06.39	20 57.83	20 49.61	20 41.63	20 33.88	20 26.37	20 19.59
	10.26	*10.23*	*10.20*	*10.17*	*10.13*	*10.09*	*10.06*	*10.02*	*9.97*
82.0	21 35.18	21 25.74	21 16.52	21 07.93	20 59.68	20 51.67	20 43.88	20 36.32	20 29.50
	10.14	*10.11*	*10.08*	*10.05*	*10.01*	*9.98*	*9.94*	*9.90*	*9.85*
83.0	21 45.25	21 35.78	21 26.54	21 17.92	21 09.63	21 01.58	20 53.76	20 46.16	20 39.30
	10.02	*9.99*	*9.96*	*9.92*	*9.89*	*9.85*	*9.82*	*9.78*	*9.73*
84.0	21 55.21	21 45.71	21 36.44	21 27.78	21 19.46	21 11.37	21 03.52	20 55.88	20 48.97
	9.89	*9.86*	*9.83*	*9.80*	*9.77*	*9.73*	*9.69*	*9.66*	*9.61*
85.0	22 05.04	21 55.51	21 46.21	21 37.52	21 29.16	21 21.04	21 13.15	21 05.47	20 58.52
	9.77	*9.74*	*9.71*	*9.68*	*9.64*	*9.61*	*9.57*	*9.53*	*9.49*
86.0	22 14.74	22 05.19	21 55.86	21 47.13	21 38.74	21 30.59	21 22.65	21 14.94	21 07.94
	9.64	*9.61*	*9.58*	*9.55*	*9.52*	*9.48*	*9.44*	*9.40*	*9.36*
87.0	22 24.32	22 14.74	22 05.37	21 56.62	21 48.19	21 40.00	21 32.03	21 24.28	21 17.24
	9.51	*9.48*	*9.45*	*9.42*	*9.39*	*9.35*	*9.31*	*9.28*	*9.23*
88.0	22 33.77	22 24.15	22 14.76	22 05.97	21 57.52	21 49.29	21 41.28	21 33.49	21 26.41
	9.38	*9.35*	*9.32*	*9.29*	*9.26*	*9.22*	*9.18*	*9.15*	*9.11*
89.0	22 43.08	22 33.44	22 24.02	22 15.20	22 06.71	21 58.44	21 50.40	21 42.57	21 35.45
	9.25	*9.22*	*9.19*	*9.16*	*9.13*	*9.09*	*9.06*	*9.02*	*8.98*
90.0	22 52.26	22 42.59	22 33.14	22 24.29	22 15.77	22 07.47	21 59.39	21 51.53	21 44.36
	9.12	*9.09*	*9.06*	*9.03*	*9.00*	*8.96*	*8.93*	*8.89*	*8.85*
91.0	23 01.31	22 51.62	22 42.14	22 33.25	22 24.70	22 16.37	22 08.25	22 00.35	21 53.16
	8.98	*8.96*	*8.93*	*8.90*	*8.86*	*8.83*	*8.80*	*8.77*	*8.75*
92.0	23 10.23	23 00.51	22 51.00	22 42.09	22 33.50	22 25.14	22 17.01	22 09.09	22 01.88
	8.85	*8.82*	*8.80*	*8.78*	*8.76*	*8.74*	*8.73*	*8.71*	*8.70*
93.0	23 19.02	23 09.28	22 59.75	22 50.83	22 42.23	22 33.86	22 25.71	22 17.78	22 10.56
	8.75	*8.74*	*8.73*	*8.71*	*8.70*	*8.69*	*8.68*	*8.67*	*8.65*
94.0	23 27.74	23 17.99	23 08.46	22 59.52	22 50.91	22 42.53	22 34.37	22 26.42	22 19.18
	8.70	*8.69*	*8.68*	*8.67*	*8.66*	*8.64*	*8.63*	*8.61*	*8.59*
95.0	23 36.42	23 26.65	23 17.11	23 08.16	22 59.54	22 51.14	22 42.96	22 35.00	22 27.73
	8.65	*8.64*	*8.63*	*8.61*	*8.60*	*8.58*	*8.55*	*8.53*	*8.51*
96.0	23 45.04	23 35.26	23 25.70	23 16.73	23 08.09	22 59.68	22 51.48	22 43.49	22 36.20
	8.58	*8.57*	*8.55*	*8.53*	*8.52*	*8.50*	*8.48*	*8.46*	*8.44*
97.0	23 53.58	23 43.79	23 34.21	23 25.23	23 16.57	23 08.14	22 59.92	22 51.91	22 44.60
	8.50	*8.49*	*8.47*	*8.46*	*8.44*	*8.42*	*8.40*	*8.38*	*8.35*
98.0	24 02.05	23 52.24	23 42.65	23 33.65	23 24.97	23 16.51	23 08.28	23 00.26	22 52.94
	8.43	*8.41*	*8.39*	*8.38*	*8.36*	*8.34*	*8.34*	*8.34*	*8.34*
99.0	24 10.43	24 00.61	23 51.01	23 42.00	23 33.31	23 24.86	23 16.62	23 08.60	23 01.28
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
100.0	24 18.77	24 08.95	23 59.35	23 50.34	23 41.65	23 33.20	23 24.96	23 16.94	23 09.62
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*

S

Δ	Depth of source [km] 300.	350.	400.	450.	500.	550.	600.	650.	700.
	m s	m s	m s	m s	m s	m s	m s	m s	m s
100.0	24 18.77	24 08.95	23 59.35	23 50.34	23 41.65	23 33.20	23 24.96	23 16.94	23 09.62
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
101.0	24 27.11	24 17.29	24 07.69	23 58.68	23 49.99	23 41.54	23 33.30	23 25.28	23 17.96
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
102.0	24 35.45	24 25.63	24 16.03	24 07.02	23 58.33	23 49.88	23 41.64	23 33.62	23 26.30
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
103.0	24 43.80	24 33.97	24 24.37	24 15.36	24 06.67	23 58.22	23 49.98	23 41.96	23 34.64
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
104.0	24 52.14	24 42.31	24 32.71	24 23.70	24 15.01	24 06.56	23 58.32	23 50.31	23 42.98
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
105.0	25 00.48	24 50.65	24 41.05	24 32.04	24 23.36	24 14.90	24 06.66	23 58.65	23 51.32
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
106.0	25 08.82	24 58.99	24 49.39	24 40.38	24 31.70	24 23.24	24 15.00	24 06.99	23 59.66
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
107.0	25 17.16	25 07.33	24 57.73	24 48.72	24 40.04	24 31.58	24 23.35	24 15.33	24 08.01
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
108.0	25 25.50	25 15.67	25 06.07	24 57.06	24 48.38	24 39.92	24 31.69	24 23.67	24 16.35
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
109.0	25 33.84	25 24.02	25 14.41	25 05.40	24 56.72	24 48.26	24 40.03	24 32.01	24 24.69
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
110.0	25 42.18	25 32.36	25 22.75	25 13.74	25 05.06	24 56.60	24 48.37	24 40.35	24 33.03
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
111.0	25 50.52	25 40.70	25 31.09	25 22.08	25 13.40	25 04.94	24 56.71	24 48.69	24 41.37
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
112.0	25 58.86	25 49.04	25 39.43	25 30.42	25 21.74	25 13.28	25 05.05	24 57.03	24 49.71
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
113.0	26 07.20	25 57.38	25 47.77	25 38.76	25 30.08	25 21.62	25 13.39	25 05.37	24 58.05
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
114.0	26 15.54	26 05.72	25 56.11	25 47.10	25 38.42	25 29.96	25 21.73	25 13.71	25 06.39
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
115.0	26 23.88	26 14.06	26 04.46	25 55.45	25 46.76	25 38.31	25 30.07	25 22.05	25 14.73
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
116.0	26 32.22	26 22.40	26 12.80	26 03.79	25 55.10	25 46.65	25 38.41	25 30.39	25 23.07
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
117.0	26 40.56	26 30.74	26 21.14	26 12.13	26 03.44	25 54.99	25 46.75	25 38.73	25 31.41
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
118.0	26 48.90	26 39.08	26 29.48	26 20.47	26 11.78	26 03.33	25 55.09	25 47.07	25 39.75
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
119.0	26 57.25	26 47.42	26 37.82	26 28.81	26 20.12	26 11.67	26 03.43	25 55.41	25 48.09
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
120.0	27 05.59	26 55.76	26 46.16	26 37.15	26 28.46	26 20.01	26 11.77	26 03.75	25 56.43
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
121.0	27 13.93	27 04.10	26 54.50	26 45.49	26 36.80	26 28.35	26 20.11	26 12.10	26 04.77
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
122.0	27 22.27	27 12.44	27 02.84	26 53.83	26 45.15	26 36.69	26 28.45	26 20.44	26 13.11
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
123.0	27 30.61	27 20.78	27 11.18	27 02.17	26 53.49	26 45.03	26 36.80	26 28.78	26 21.45
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
124.0	27 38.95	27 29.12	27 19.52	27 10.51	27 01.83	26 53.37	26 45.14	26 37.12	26 29.80
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
125.0	27 47.29	27 37.46	27 27.86	27 18.85	27 10.17	27 01.71	26 53.48	26 45.46	26 38.14
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*

PcP

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
0.0	8 31.69	8 25.93	8 24.07	8 17.85	8 05.56	7 53.72	7 31.80	7 11.99
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
1.0	8 31.74	8 25.98	8 24.12	8 17.90	8 05.61	7 53.77	7 31.85	7 12.04
	0.10	*0.10*	*0.10*	*0.10*	*0.10*	*0.10*	*0.10*	*0.10*
2.0	8 31.88	8 26.13	8 24.26	8 18.05	8 05.76	7 53.92	7 32.00	7 12.20
	0.19	*0.19*	*0.19*	*0.19*	*0.19*	*0.20*	*0.20*	*0.20*
3.0	8 32.12	8 26.37	8 24.50	8 18.29	8 06.00	7 54.16	7 32.25	7 12.45
	0.29	*0.29*	*0.29*	*0.29*	*0.29*	*0.29*	*0.30*	*0.30*
4.0	8 32.46	8 26.70	8 24.84	8 18.62	8 06.34	7 54.51	7 32.59	7 12.81
	0.38	*0.38*	*0.38*	*0.39*	*0.39*	*0.39*	*0.40*	*0.41*
5.0	8 32.89	8 27.13	8 25.27	8 19.06	8 06.78	7 54.95	7 33.04	7 13.26
	0.48	*0.48*	*0.48*	*0.48*	*0.48*	*0.49*	*0.50*	*0.51*
6.0	8 33.41	8 27.66	8 25.80	8 19.59	8 07.31	7 55.48	7 33.59	7 13.82
	0.57	*0.57*	*0.57*	*0.58*	*0.58*	*0.58*	*0.59*	*0.61*
7.0	8 34.03	8 28.28	8 26.42	8 20.21	8 07.94	7 56.11	7 34.23	7 14.47
	0.67	*0.67*	*0.67*	*0.67*	*0.68*	*0.68*	*0.69*	*0.71*
8.0	8 34.75	8 29.00	8 27.14	8 20.93	8 08.66	7 56.84	7 34.97	7 15.23
	0.76	*0.76*	*0.76*	*0.77*	*0.77*	*0.78*	*0.79*	*0.81*
9.0	8 35.56	8 29.81	8 27.95	8 21.74	8 09.48	7 57.67	7 35.81	7 16.08
	0.86	*0.86*	*0.86*	*0.86*	*0.87*	*0.87*	*0.89*	*0.90*
10.0	8 36.46	8 30.71	8 28.85	8 22.65	8 10.39	7 58.59	7 36.74	7 17.04
	0.95	*0.95*	*0.95*	*0.95*	*0.96*	*0.97*	*0.98*	*1.00*
11.0	8 37.45	8 31.71	8 29.85	8 23.65	8 11.40	7 59.60	7 37.77	7 18.09
	1.04	*1.04*	*1.04*	*1.05*	*1.05*	*1.06*	*1.08*	*1.10*
12.0	8 38.54	8 32.79	8 30.94	8 24.74	8 12.50	8 00.71	7 38.90	7 19.23
	1.13	*1.13*	*1.13*	*1.14*	*1.14*	*1.15*	*1.17*	*1.19*
13.0	8 39.72	8 33.97	8 32.12	8 25.92	8 13.69	8 01.91	7 40.11	7 20.47
	1.22	*1.22*	*1.22*	*1.23*	*1.24*	*1.24*	*1.26*	*1.29*
14.0	8 40.98	8 35.24	8 33.38	8 27.20	8 14.97	8 03.20	7 41.42	7 21.81
	1.31	*1.31*	*1.31*	*1.32*	*1.33*	*1.34*	*1.36*	*1.38*
15.0	8 42.34	8 36.60	8 34.74	8 28.56	8 16.34	8 04.58	7 42.83	7 23.23
	1.40	*1.40*	*1.40*	*1.41*	*1.42*	*1.43*	*1.45*	*1.47*
16.0	8 43.78	8 38.04	8 36.19	8 30.01	8 17.80	8 06.05	7 44.32	7 24.75
	1.49	*1.49*	*1.49*	*1.50*	*1.50*	*1.51*	*1.54*	*1.57*
17.0	8 45.31	8 39.58	8 37.72	8 31.55	8 19.35	8 07.60	7 45.90	7 26.36
	1.57	*1.58*	*1.58*	*1.58*	*1.59*	*1.60*	*1.63*	*1.66*
18.0	8 46.93	8 41.20	8 39.34	8 33.18	8 20.99	8 09.25	7 47.57	7 28.06
	1.66	*1.66*	*1.66*	*1.67*	*1.68*	*1.69*	*1.71*	*1.74*
19.0	8 48.63	8 42.90	8 41.05	8 34.89	8 22.71	8 10.98	7 49.33	7 29.85
	1.74	*1.75*	*1.75*	*1.75*	*1.76*	*1.77*	*1.80*	*1.83*
20.0	8 50.41	8 44.69	8 42.84	8 36.68	8 24.51	8 12.80	7 51.17	7 31.73
	1.83	*1.83*	*1.83*	*1.84*	*1.85*	*1.86*	*1.88*	*1.92*
21.0	8 52.28	8 46.56	8 44.71	8 38.56	8 26.40	8 14.70	7 53.09	7 33.69
	1.91	*1.91*	*1.91*	*1.92*	*1.93*	*1.94*	*1.97*	*2.00*
22.0	8 54.23	8 48.51	8 46.66	8 40.52	8 28.37	8 16.68	7 55.10	7 35.73
	1.99	*1.99*	*1.99*	*2.00*	*2.01*	*2.02*	*2.05*	*2.08*
23.0	8 56.26	8 50.54	8 48.70	8 42.55	8 30.42	8 18.74	7 57.19	7 37.86
	2.07	*2.07*	*2.07*	*2.08*	*2.09*	*2.10*	*2.13*	*2.17*
24.0	8 58.37	8 52.65	8 50.81	8 44.67	8 32.55	8 20.88	7 59.36	7 40.06
	2.15	*2.15*	*2.15*	*2.16*	*2.17*	*2.18*	*2.21*	*2.25*
25.0	9 00.55	8 54.84	8 53.00	8 46.87	8 34.75	8 23.10	8 01.61	7 42.35
	2.22	*2.23*	*2.23*	*2.23*	*2.24*	*2.26*	*2.29*	*2.32*

PcP

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
25.0	9 00.55	8 54.84	8 53.00	8 46.87	8 34.75	8 23.10	8 01.61	7 42.35
	2.22	*2.23*	*2.23*	*2.23*	*2.24*	*2.26*	*2.29*	*2.32*
26.0	9 02.81	8 57.10	8 55.26	8 49.14	8 37.03	8 25.39	8 03.94	7 44.71
	2.30	*2.30*	*2.30*	*2.31*	*2.32*	*2.33*	*2.36*	*2.40*
27.0	9 05.15	8 59.44	8 57.60	8 51.48	8 39.39	8 27.77	8 06.34	7 47.15
	2.37	*2.37*	*2.38*	*2.38*	*2.39*	*2.41*	*2.44*	*2.48*
28.0	9 07.55	9 01.85	9 00.01	8 53.90	8 41.82	8 30.21	8 08.82	7 49.66
	2.44	*2.45*	*2.45*	*2.45*	*2.47*	*2.48*	*2.51*	*2.55*
29.0	9 10.03	9 04.33	9 02.50	8 56.39	8 44.33	8 32.73	8 11.36	7 52.25
	2.51	*2.52*	*2.52*	*2.53*	*2.54*	*2.55*	*2.58*	*2.62*
30.0	9 12.58	9 06.88	9 05.05	8 58.95	8 46.90	8 35.31	8 13.98	7 54.90
	2.58	*2.59*	*2.59*	*2.60*	*2.61*	*2.62*	*2.65*	*2.69*
31.0	9 15.20	9 09.51	9 07.68	9 01.58	8 49.54	8 37.97	8 16.67	7 57.63
	2.65	*2.66*	*2.66*	*2.66*	*2.68*	*2.69*	*2.72*	*2.76*
32.0	9 17.89	9 12.19	9 10.37	9 04.28	8 52.25	8 40.69	8 19.42	8 00.42
	2.72	*2.72*	*2.72*	*2.73*	*2.74*	*2.76*	*2.79*	*2.83*
33.0	9 20.64	9 14.95	9 13.12	9 07.04	8 55.02	8 43.48	8 22.24	8 03.28
	2.78	*2.79*	*2.79*	*2.79*	*2.81*	*2.82*	*2.85*	*2.89*
34.0	9 23.45	9 17.77	9 15.94	9 09.86	8 57.86	8 46.33	8 25.13	8 06.20
	2.85	*2.85*	*2.85*	*2.86*	*2.87*	*2.88*	*2.92*	*2.95*
35.0	9 26.33	9 20.65	9 18.83	9 12.75	9 00.77	8 49.25	8 28.08	8 09.19
	2.91	*2.91*	*2.91*	*2.92*	*2.93*	*2.95*	*2.98*	*3.02*
36.0	9 29.27	9 23.59	9 21.77	9 15.70	9 03.73	8 52.23	8 31.08	8 12.24
	2.97	*2.97*	*2.97*	*2.98*	*2.99*	*3.01*	*3.04*	*3.08*
37.0	9 32.27	9 26.59	9 24.78	9 18.72	9 06.75	8 55.26	8 34.15	8 15.34
	3.03	*3.03*	*3.03*	*3.04*	*3.05*	*3.07*	*3.10*	*3.14*
38.0	9 35.33	9 29.66	9 27.84	9 21.78	9 09.83	8 58.36	8 37.28	8 18.50
	3.09	*3.09*	*3.09*	*3.10*	*3.11*	*3.12*	*3.15*	*3.19*
39.0	9 38.44	9 32.77	9 30.96	9 24.91	9 12.97	9 01.51	8 40.46	8 21.72
	3.14	*3.15*	*3.15*	*3.15*	*3.17*	*3.18*	*3.21*	*3.25*
40.0	9 41.61	9 35.95	9 34.13	9 28.09	9 16.16	9 04.71	8 43.70	8 25.00
	3.20	*3.20*	*3.20*	*3.21*	*3.22*	*3.23*	*3.26*	*3.30*
41.0	9 44.84	9 39.17	9 37.36	9 31.32	9 19.41	9 07.97	8 46.99	8 28.32
	3.25	*3.25*	*3.25*	*3.26*	*3.27*	*3.29*	*3.32*	*3.35*
42.0	9 48.11	9 42.45	9 40.64	9 34.61	9 22.71	9 11.29	8 50.33	8 31.70
	3.30	*3.30*	*3.31*	*3.31*	*3.32*	*3.34*	*3.37*	*3.40*
43.0	9 51.44	9 45.78	9 43.97	9 37.95	9 26.06	9 14.65	8 53.72	8 35.13
	3.35	*3.36*	*3.36*	*3.36*	*3.37*	*3.39*	*3.42*	*3.45*
44.0	9 54.82	9 49.16	9 47.35	9 41.34	9 29.46	9 18.06	8 57.16	8 38.61
	3.40	*3.40*	*3.41*	*3.41*	*3.42*	*3.44*	*3.46*	*3.50*
45.0	9 58.24	9 52.59	9 50.78	9 44.77	9 32.90	9 21.52	9 00.65	8 42.13
	3.45	*3.45*	*3.45*	*3.46*	*3.47*	*3.48*	*3.51*	*3.54*
46.0	10 01.71	9 56.06	9 54.26	9 48.25	9 36.40	9 25.02	9 04.18	8 45.69
	3.49	*3.50*	*3.50*	*3.50*	*3.52*	*3.53*	*3.56*	*3.59*
47.0	10 05.23	9 59.58	9 57.78	9 51.78	9 39.93	9 28.57	9 07.76	8 49.31
	3.54	*3.54*	*3.54*	*3.55*	*3.56*	*3.57*	*3.60*	*3.63*
48.0	10 08.79	10 03.15	10 01.35	9 55.35	9 43.52	9 32.17	9 11.38	8 52.96
	3.58	*3.58*	*3.59*	*3.59*	*3.60*	*3.61*	*3.64*	*3.67*
49.0	10 12.39	10 06.75	10 04.95	9 58.96	9 47.14	9 35.80	9 15.04	8 56.65
	3.62	*3.63*	*3.63*	*3.63*	*3.64*	*3.66*	*3.68*	*3.71*
50.0	10 16.04	10 10.40	10 08.60	10 02.61	9 50.80	9 39.48	9 18.74	9 00.38
	3.66	*3.67*	*3.67*	*3.67*	*3.68*	*3.70*	*3.72*	*3.75*

PcP

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
50.0	10 16.04	10 10.40	10 08.60	10 02.61	9 50.80	9 39.48	9 18.74	9 00.38
	3.66	*3.67*	*3.67*	*3.67*	*3.68*	*3.70*	*3.72*	*3.75*
51.0	10 19.72	10 14.09	10 12.29	10 06.31	9 54.51	9 43.19	9 22.48	9 04.15
	3.70	*3.71*	*3.71*	*3.71*	*3.72*	*3.73*	*3.76*	*3.79*
52.0	10 23.44	10 17.81	10 16.02	10 10.04	9 58.25	9 46.94	9 26.26	9 07.96
	3.74	*3.74*	*3.75*	*3.75*	*3.76*	*3.77*	*3.80*	*3.82*
53.0	10 27.20	10 21.57	10 19.78	10 13.81	10 02.03	9 50.73	9 30.07	9 11.80
	3.78	*3.78*	*3.78*	*3.79*	*3.80*	*3.81*	*3.83*	*3.86*
54.0	10 31.00	10 25.37	10 23.58	10 17.61	10 05.84	9 54.56	9 33.92	9 15.68
	3.81	*3.82*	*3.82*	*3.82*	*3.83*	*3.84*	*3.86*	*3.89*
55.0	10 34.83	10 29.20	10 27.41	10 21.45	10 09.69	9 58.41	9 37.80	9 19.59
	3.85	*3.85*	*3.85*	*3.86*	*3.86*	*3.87*	*3.90*	*3.92*
56.0	10 38.69	10 33.07	10 31.28	10 25.32	10 13.57	10 02.31	9 41.71	9 23.53
	3.88	*3.88*	*3.88*	*3.89*	*3.90*	*3.91*	*3.93*	*3.95*
57.0	10 42.59	10 36.97	10 35.18	10 29.23	10 17.48	10 06.23	9 45.66	9 27.50
	3.91	*3.91*	*3.92*	*3.92*	*3.93*	*3.94*	*3.96*	*3.98*
58.0	10 46.52	10 40.90	10 39.11	10 33.16	10 21.43	10 10.18	9 49.63	9 31.49
	3.94	*3.94*	*3.95*	*3.95*	*3.96*	*3.97*	*3.99*	*4.01*
59.0	10 50.48	10 44.86	10 43.07	10 37.13	10 25.40	10 14.16	9 53.63	9 35.52
	3.97	*3.97*	*3.98*	*3.98*	*3.99*	*4.00*	*4.02*	*4.04*
60.0	10 54.46	10 48.85	10 47.06	10 41.12	10 29.40	10 18.17	9 57.66	9 39.57
	4.00	*4.00*	*4.00*	*4.01*	*4.01*	*4.02*	*4.04*	*4.07*
61.0	10 58.47	10 52.86	10 51.08	10 45.14	10 33.43	10 22.21	10 01.72	9 43.65
	4.03	*4.03*	*4.03*	*4.03*	*4.04*	*4.05*	*4.07*	*4.09*
62.0	11 02.52	10 56.90	10 55.12	10 49.19	10 37.48	10 26.27	10 05.80	9 47.75
	4.05	*4.06*	*4.06*	*4.06*	*4.07*	*4.07*	*4.09*	*4.11*
63.0	11 06.58	11 00.97	10 59.19	10 53.26	10 41.56	10 30.36	10 09.90	9 51.88
	4.08	*4.08*	*4.08*	*4.08*	*4.09*	*4.10*	*4.12*	*4.14*
64.0	11 10.67	11 05.06	11 03.28	10 57.36	10 45.67	10 34.47	10 14.03	9 56.03
	4.10	*4.10*	*4.10*	*4.11*	*4.11*	*4.12*	*4.14*	*4.16*
65.0	11 14.78	11 09.18	11 07.40	11 01.47	10 49.79	10 38.60	10 18.18	10 00.20
	4.12	*4.13*	*4.13*	*4.13*	*4.14*	*4.14*	*4.16*	*4.18*
66.0	11 18.92	11 13.32	11 11.54	11 05.62	10 53.94	10 42.76	10 22.35	10 04.39
	4.15	*4.15*	*4.15*	*4.15*	*4.16*	*4.17*	*4.18*	*4.20*
67.0	11 23.08	11 17.47	11 15.70	11 09.78	10 58.11	10 46.93	10 26.54	10 08.59
	4.17	*4.17*	*4.17*	*4.17*	*4.18*	*4.19*	*4.20*	*4.22*
68.0	11 27.26	11 21.65	11 19.88	11 13.96	11 02.30	10 51.13	10 30.75	10 12.82
	4.19	*4.19*	*4.19*	*4.19*	*4.20*	*4.20*	*4.22*	*4.24*
69.0	11 31.45	11 25.85	11 24.08	11 18.16	11 06.51	10 55.34	10 34.98	10 17.06
	4.21	*4.21*	*4.21*	*4.21*	*4.22*	*4.22*	*4.24*	*4.25*
70.0	11 35.67	11 30.07	11 28.29	11 22.38	11 10.73	10 59.57	10 39.23	10 21.32
	4.22	*4.23*	*4.23*	*4.23*	*4.23*	*4.24*	*4.25*	*4.27*
71.0	11 39.90	11 34.30	11 32.53	11 26.62	11 14.97	11 03.82	10 43.49	10 25.60
	4.24	*4.24*	*4.24*	*4.25*	*4.25*	*4.26*	*4.27*	*4.28*
72.0	11 44.15	11 38.56	11 36.78	11 30.88	11 19.23	11 08.09	10 47.76	10 29.89
	4.26	*4.26*	*4.26*	*4.26*	*4.27*	*4.27*	*4.28*	*4.30*
73.0	11 48.42	11 42.82	11 41.05	11 35.15	11 23.51	11 12.37	10 52.05	10 34.19
	4.27	*4.27*	*4.28*	*4.28*	*4.28*	*4.29*	*4.30*	*4.31*
74.0	11 52.70	11 47.10	11 45.33	11 39.43	11 27.80	11 16.66	10 56.36	10 38.51
	4.29	*4.29*	*4.29*	*4.29*	*4.30*	*4.30*	*4.31*	*4.32*
75.0	11 56.99	11 51.40	11 49.63	11 43.73	11 32.10	11 20.97	11 00.68	10 42.84
	4.30	*4.30*	*4.30*	*4.31*	*4.31*	*4.31*	*4.32*	*4.34*

PcP

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
75.0	11 56.99	11 51.40	11 49.63	11 43.73	11 32.10	11 20.97	11 00.68	10 42.84
	4.30	*4.30*	*4.30*	*4.31*	*4.31*	*4.31*	*4.32*	*4.34*
76.0	12 01.30	11 55.71	11 53.94	11 48.04	11 36.42	11 25.29	11 05.01	10 47.18
	4.32	*4.32*	*4.32*	*4.32*	*4.32*	*4.33*	*4.34*	*4.35*
77.0	12 05.62	12 00.03	11 58.26	11 52.37	11 40.75	11 29.62	11 09.35	10 51.53
	4.33	*4.33*	*4.33*	*4.33*	*4.33*	*4.34*	*4.35*	*4.36*
78.0	12 09.96	12 04.37	12 02.60	11 56.70	11 45.09	11 33.97	11 13.70	10 55.90
	4.34	*4.34*	*4.34*	*4.34*	*4.35*	*4.35*	*4.36*	*4.37*
79.0	12 14.30	12 08.71	12 06.94	12 01.05	11 49.44	11 38.32	11 18.06	11 00.27
	4.35	*4.35*	*4.35*	*4.35*	*4.36*	*4.36*	*4.37*	*4.38*
80.0	12 18.66	12 13.07	12 11.30	12 05.41	11 53.80	11 42.69	11 22.43	11 04.65
	4.36	*4.36*	*4.36*	*4.36*	*4.37*	*4.37*	*4.38*	*4.38*
81.0	12 23.02	12 17.43	12 15.67	12 09.78	11 58.17	11 47.06	11 26.82	11 09.04
	4.37	*4.37*	*4.37*	*4.37*	*4.37*	*4.38*	*4.38*	*4.39*
82.0	12 27.40	12 21.81	12 20.04	12 14.15	12 02.55	11 51.44	11 31.20	11 13.43
	4.38	*4.38*	*4.38*	*4.38*	*4.38*	*4.39*	*4.39*	*4.40*
83.0	12 31.78	12 26.19	12 24.42	12 18.54	12 06.94	11 55.83	11 35.60	11 17.83
	4.39	*4.39*	*4.39*	*4.39*	*4.39*	*4.39*	*4.40*	*4.41*
84.0	12 36.17	12 30.58	12 28.82	12 22.93	12 11.33	12 00.23	11 40.00	11 22.24
	4.39	*4.39*	*4.39*	*4.40*	*4.40*	*4.40*	*4.41*	*4.41*
85.0	12 40.57	12 34.98	12 33.21	12 27.33	12 15.73	12 04.63	11 44.41	11 26.66
	4.40	*4.40*	*4.40*	*4.40*	*4.40*	*4.41*	*4.41*	*4.42*
86.0	12 44.97	12 39.39	12 37.62	12 31.74	12 20.14	12 09.04	11 48.83	11 31.08
	4.41	*4.41*	*4.41*	*4.41*	*4.41*	*4.41*	*4.42*	*4.42*
87.0	12 49.38	12 43.80	12 42.03	12 36.15	12 24.55	12 13.46	11 53.25	11 35.50
	4.41	*4.41*	*4.41*	*4.41*	*4.42*	*4.42*	*4.42*	*4.43*
88.0	12 53.80	12 48.21	12 46.45	12 40.57	12 28.97	12 17.88	11 57.67	11 39.93
	4.42	*4.42*	*4.42*	*4.42*	*4.42*	*4.42*	*4.43*	*4.43*
89.0	12 58.22	12 52.63	12 50.87	12 44.99	12 33.40	12 22.30	12 02.10	11 44.36
	4.42	*4.42*	*4.42*	*4.42*	*4.43*	*4.43*	*4.43*	*4.43*
90.0	13 02.64	12 57.06	12 55.29	12 49.41	12 37.82	12 26.73	12 06.53	11 48.80
	4.43	*4.43*	*4.43*	*4.43*	*4.43*	*4.43*	*4.43*	*4.44*
91.0	13 07.07	13 01.49	12 59.72	12 53.84	12 42.26	12 31.17	12 10.97	11 53.24
	4.43	*4.43*	*4.43*	*4.43*	*4.43*	*4.43*	*4.44*	*4.44*
92.0	13 11.51	13 05.92	13 04.16	12 58.28	12 46.69	12 35.60	12 15.40	11 57.68
	4.43	*4.43*	*4.43*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*
93.0	13 15.94	13 10.36	13 08.59	13 02.72	12 51.13	12 40.04	12 19.84	12 02.12
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*
94.0	13 20.38	13 14.80	13 13.03	13 07.15	12 55.57	12 44.48	12 24.29	12 06.56
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*
95.0	13 24.82	13 19.24	13 17.47	13 11.60	13 00.01	12 48.92	12 28.73	12 11.01
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.45*
96.0	13 29.26	13 23.68	13 21.92	13 16.04	13 04.45	12 53.37	12 33.17	12 15.45
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.45*	*4.45*
97.0	13 33.71	13 28.13	13 26.36	13 20.48	13 08.90	12 57.81	12 37.62	12 15.45
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.45*	*4.45*	*4.45*
98.0	13 38.15	13 32.57	13 30.80	13 24.93	13 13.34	13 02.26	12 37.62	12 15.45
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*

ScS Depth of source [km]

Δ	0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
0.0	15 35.78	15 26.11	15 22.76	15 11.62	14 49.43	14 27.65	13 47.22	13 11.14
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
1.0	15 35.87	15 26.20	15 22.85	15 11.71	14 49.52	14 27.74	13 47.31	13 11.24
	0.18	*0.18*	*0.18*	*0.18*	*0.18*	*0.18*	*0.18*	*0.19*
2.0	15 36.14	15 26.46	15 23.12	15 11.98	14 49.79	14 28.01	13 47.58	13 11.52
	0.35	*0.35*	*0.35*	*0.36*	*0.36*	*0.36*	*0.37*	*0.37*
3.0	15 36.58	15 26.91	15 23.56	15 12.43	14 50.24	14 28.46	13 48.04	13 11.99
	0.53	*0.53*	*0.53*	*0.53*	*0.54*	*0.54*	*0.55*	*0.56*
4.0	15 37.20	15 27.53	15 24.18	15 13.05	14 50.86	14 29.10	13 48.68	13 12.64
	0.71	*0.71*	*0.71*	*0.71*	*0.72*	*0.72*	*0.73*	*0.75*
5.0	15 37.99	15 28.32	15 24.98	15 13.85	14 51.67	14 29.91	13 49.51	13 13.48
	0.88	*0.88*	*0.89*	*0.89*	*0.89*	*0.90*	*0.92*	*0.93*
6.0	15 38.96	15 29.29	15 25.95	15 14.82	14 52.65	14 30.90	13 50.51	13 14.51
	1.06	*1.06*	*1.06*	*1.06*	*1.07*	*1.08*	*1.10*	*1.12*
7.0	15 40.11	15 30.44	15 27.10	15 15.98	14 53.81	14 32.06	13 51.70	13 15.72
	1.23	*1.23*	*1.24*	*1.24*	*1.25*	*1.26*	*1.28*	*1.30*
8.0	15 41.43	15 31.76	15 28.42	15 17.30	14 55.15	14 33.41	13 53.07	13 17.11
	1.41	*1.41*	*1.41*	*1.41*	*1.42*	*1.43*	*1.46*	*1.49*
9.0	15 42.92	15 33.26	15 29.92	15 18.80	14 56.66	14 34.93	13 54.62	13 18.69
	1.58	*1.58*	*1.58*	*1.59*	*1.60*	*1.61*	*1.63*	*1.67*
10.0	15 44.58	15 34.92	15 31.58	15 20.48	14 58.34	14 36.63	13 56.34	13 20.45
	1.75	*1.75*	*1.75*	*1.76*	*1.77*	*1.78*	*1.81*	*1.85*
11.0	15 46.42	15 36.76	15 33.42	15 22.32	15 00.20	14 38.50	13 58.24	13 22.39
	1.92	*1.92*	*1.92*	*1.93*	*1.94*	*1.96*	*1.99*	*2.03*
12.0	15 48.42	15 38.77	15 35.43	15 24.33	15 02.23	14 40.54	14 00.31	13 24.50
	2.09	*2.09*	*2.09*	*2.10*	*2.11*	*2.13*	*2.16*	*2.20*
13.0	15 50.59	15 40.94	15 37.61	15 26.52	15 04.42	14 42.75	14 02.56	13 26.79
	2.25	*2.26*	*2.26*	*2.27*	*2.28*	*2.30*	*2.33*	*2.38*
14.0	15 52.93	15 43.28	15 39.95	15 28.87	15 06.79	14 45.13	14 04.98	13 29.26
	2.42	*2.42*	*2.43*	*2.43*	*2.45*	*2.46*	*2.50*	*2.55*
15.0	15 55.43	15 45.79	15 42.46	15 31.38	15 09.32	14 47.68	14 07.57	13 31.89
	2.58	*2.59*	*2.59*	*2.60*	*2.61*	*2.63*	*2.67*	*2.72*
16.0	15 58.09	15 48.45	15 45.13	15 34.06	15 12.01	14 50.39	14 10.32	13 34.70
	2.74	*2.75*	*2.75*	*2.76*	*2.78*	*2.80*	*2.84*	*2.89*
17.0	16 00.92	15 51.28	15 47.96	15 36.90	15 14.87	14 53.27	14 13.24	13 37.67
	2.90	*2.91*	*2.91*	*2.92*	*2.94*	*2.96*	*3.00*	*3.06*
18.0	16 03.90	15 54.27	15 50.95	15 39.90	15 17.89	14 56.31	14 16.32	13 40.81
	3.06	*3.07*	*3.07*	*3.08*	*3.10*	*3.12*	*3.16*	*3.22*
19.0	16 07.04	15 57.42	15 54.10	15 43.06	15 21.07	14 59.50	14 19.57	13 44.12
	3.22	*3.22*	*3.23*	*3.24*	*3.25*	*3.28*	*3.32*	*3.38*
20.0	16 10.33	16 00.72	15 57.40	15 46.37	15 24.40	15 02.86	14 22.97	13 47.58
	3.37	*3.38*	*3.38*	*3.39*	*3.41*	*3.43*	*3.48*	*3.54*
21.0	16 13.78	16 04.17	16 00.86	15 49.84	15 27.88	15 06.36	14 26.53	13 51.20
	3.52	*3.53*	*3.53*	*3.54*	*3.56*	*3.58*	*3.64*	*3.70*
22.0	16 17.38	16 07.77	16 04.46	15 53.45	15 31.52	15 10.02	14 30.24	13 54.97
	3.67	*3.68*	*3.68*	*3.69*	*3.71*	*3.73*	*3.79*	*3.85*
23.0	16 21.12	16 11.52	16 08.22	15 57.22	15 35.31	15 13.83	14 34.10	13 58.90
	3.82	*3.82*	*3.83*	*3.84*	*3.86*	*3.88*	*3.94*	*4.00*
24.0	16 25.01	16 15.42	16 12.12	16 01.13	15 39.24	15 17.79	14 38.11	14 02.98
	3.96	*3.97*	*3.97*	*3.98*	*4.01*	*4.03*	*4.08*	*4.15*
25.0	16 29.05	16 19.46	16 16.16	16 05.18	15 43.32	15 21.89	14 42.27	14 07.20
	4.10	*4.11*	*4.11*	*4.13*	*4.15*	*4.17*	*4.23*	*4.30*

ScS Depth of source [km]

Δ	0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
25.0	16 29.05	16 19.46	16 16.16	16 05.18	15 43.32	15 21.89	14 42.27	14 07.20
	4.10	*4.11*	*4.11*	*4.13*	*4.15*	*4.17*	*4.23*	*4.30*
26.0	16 33.22	16 23.64	16 20.34	16 09.38	15 47.54	15 26.13	14 46.57	14 11.57
	4.24	*4.25*	*4.25*	*4.26*	*4.29*	*4.31*	*4.37*	*4.44*
27.0	16 37.54	16 27.96	16 24.67	16 13.71	15 51.89	15 30.51	14 51.00	14 16.08
	4.38	*4.39*	*4.39*	*4.40*	*4.43*	*4.45*	*4.51*	*4.58*
28.0	16 41.98	16 32.41	16 29.12	16 18.18	15 56.39	15 35.03	14 55.58	14 20.73
	4.52	*4.52*	*4.53*	*4.54*	*4.56*	*4.59*	*4.64*	*4.71*
29.0	16 46.57	16 37.00	16 33.72	16 22.78	16 01.01	15 39.68	15 00.29	14 25.51
	4.65	*4.65*	*4.66*	*4.67*	*4.69*	*4.72*	*4.78*	*4.85*
30.0	16 51.28	16 41.72	16 38.44	16 27.51	16 05.77	15 44.47	15 05.13	14 30.42
	4.78	*4.78*	*4.79*	*4.80*	*4.82*	*4.85*	*4.91*	*4.98*
31.0	16 56.12	16 46.57	16 43.29	16 32.38	16 10.65	15 49.38	15 10.10	14 35.46
	4.90	*4.91*	*4.91*	*4.92*	*4.95*	*4.97*	*5.03*	*5.11*
32.0	17 01.08	16 51.54	16 48.26	16 37.36	16 15.66	15 54.41	15 15.19	14 40.63
	5.03	*5.03*	*5.04*	*5.05*	*5.07*	*5.10*	*5.16*	*5.23*
33.0	17 06.17	16 56.63	16 53.36	16 42.47	16 20.80	15 59.57	15 20.41	14 45.92
	5.15	*5.15*	*5.16*	*5.17*	*5.19*	*5.22*	*5.28*	*5.35*
34.0	17 11.38	17 01.84	16 58.57	16 47.70	16 26.05	16 04.85	15 25.75	14 51.33
	5.27	*5.27*	*5.28*	*5.29*	*5.31*	*5.34*	*5.40*	*5.47*
35.0	17 16.70	17 07.17	17 03.91	16 53.04	16 31.42	16 10.24	15 31.21	14 56.86
	5.38	*5.39*	*5.39*	*5.40*	*5.43*	*5.45*	*5.51*	*5.58*
36.0	17 22.14	17 12.62	17 09.36	16 58.50	16 36.90	16 15.75	15 36.77	15 02.50
	5.49	*5.50*	*5.50*	*5.52*	*5.54*	*5.57*	*5.62*	*5.70*
37.0	17 27.69	17 18.17	17 14.91	17 04.07	16 42.50	16 21.37	15 42.45	15 08.25
	5.60	*5.61*	*5.61*	*5.63*	*5.65*	*5.68*	*5.73*	*5.81*
38.0	17 33.34	17 23.84	17 20.58	17 09.75	16 48.20	16 27.10	15 48.24	15 14.11
	5.71	*5.72*	*5.72*	*5.73*	*5.76*	*5.78*	*5.84*	*5.91*
39.0	17 39.11	17 29.61	17 26.36	17 15.54	16 54.01	16 32.94	15 54.13	15 20.08
	5.82	*5.82*	*5.83*	*5.84*	*5.86*	*5.89*	*5.95*	*6.02*
40.0	17 44.98	17 35.48	17 32.24	17 21.43	16 59.93	16 38.88	16 00.13	15 26.15
	5.92	*5.93*	*5.93*	*5.94*	*5.96*	*5.99*	*6.05*	*6.12*
41.0	17 50.95	17 41.46	17 38.21	17 27.42	17 05.94	16 44.92	16 06.23	15 32.31
	6.02	*6.02*	*6.03*	*6.04*	*6.06*	*6.09*	*6.14*	*6.21*
42.0	17 57.01	17 47.53	17 44.29	17 33.51	17 12.05	16 51.05	16 12.42	15 38.57
	6.12	*6.12*	*6.13*	*6.14*	*6.16*	*6.18*	*6.24*	*6.31*
43.0	18 03.18	17 53.70	17 50.46	17 39.69	17 18.26	16 57.28	16 18.71	15 44.93
	6.21	*6.22*	*6.22*	*6.23*	*6.25*	*6.28*	*6.33*	*6.40*
44.0	18 09.43	17 59.96	17 56.73	17 45.97	17 24.56	17 03.61	16 25.08	15 51.37
	6.30	*6.31*	*6.31*	*6.32*	*6.34*	*6.37*	*6.42*	*6.49*
45.0	18 15.78	18 06.32	18 03.08	17 52.34	17 30.95	17 10.02	16 31.55	15 57.91
	6.39	*6.40*	*6.40*	*6.41*	*6.43*	*6.46*	*6.51*	*6.58*
46.0	18 22.21	18 12.76	18 09.53	17 58.79	17 37.42	17 16.52	16 38.10	16 04.53
	6.48	*6.48*	*6.49*	*6.50*	*6.52*	*6.54*	*6.60*	*6.66*
47.0	18 28.73	18 19.28	18 16.06	18 05.33	17 43.98	17 23.10	16 44.74	16 11.23
	6.56	*6.57*	*6.57*	*6.58*	*6.60*	*6.63*	*6.68*	*6.74*
48.0	18 35.34	18 25.89	18 22.67	18 11.95	17 50.63	17 29.77	16 51.46	16 18.01
	6.64	*6.65*	*6.65*	*6.66*	*6.68*	*6.71*	*6.76*	*6.82*
49.0	18 42.02	18 32.58	18 29.36	18 18.65	17 57.35	17 36.51	16 58.25	16 24.86
	6.72	*6.73*	*6.73*	*6.74*	*6.76*	*6.78*	*6.83*	*6.90*
50.0	18 48.78	18 39.35	18 36.13	18 25.43	18 04.15	17 43.33	17 05.12	16 31.80
	6.80	*6.80*	*6.81*	*6.82*	*6.84*	*6.86*	*6.91*	*6.97*

ScS

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
50.0	18 48.78	18 39.35	18 36.13	18 25.43	18 04.15	17 43.33	17 05.12	16 31.80
	6.80	*6.80*	*6.81*	*6.82*	*6.84*	*6.86*	*6.91*	*6.97*
51.0	18 55.62	18 46.19	18 42.97	18 32.29	18 11.02	17 50.23	17 12.07	16 38.80
	6.87	*6.88*	*6.88*	*6.89*	*6.91*	*6.93*	*6.98*	*7.04*
52.0	19 02.53	18 53.10	18 49.89	18 39.21	18 17.97	17 57.20	17 19.09	16 45.87
	6.95	*6.95*	*6.95*	*6.96*	*6.98*	*7.00*	*7.05*	*7.11*
53.0	19 09.51	19 00.09	18 56.88	18 46.21	18 24.99	18 04.24	17 26.17	16 53.01
	7.02	*7.02*	*7.02*	*7.03*	*7.05*	*7.07*	*7.12*	*7.17*
54.0	19 16.56	19 07.14	19 03.94	18 53.28	18 32.07	18 11.34	17 33.32	17 00.22
	7.08	*7.09*	*7.09*	*7.10*	*7.12*	*7.14*	*7.18*	*7.24*
55.0	19 23.67	19 14.26	19 11.06	19 00.41	18 39.22	18 18.51	17 40.53	17 07.49
	7.15	*7.15*	*7.16*	*7.16*	*7.18*	*7.20*	*7.25*	*7.30*
56.0	19 30.85	19 21.45	19 18.25	19 07.61	18 46.44	18 25.74	17 47.81	17 14.81
	7.21	*7.22*	*7.22*	*7.23*	*7.24*	*7.26*	*7.31*	*7.36*
57.0	19 38.09	19 28.69	19 25.50	19 14.86	18 53.71	18 33.04	17 55.14	17 22.20
	7.27	*7.28*	*7.28*	*7.29*	*7.30*	*7.32*	*7.36*	*7.41*
58.0	19 45.39	19 36.00	19 32.80	19 22.18	19 01.04	18 40.39	18 02.54	17 29.64
	7.33	*7.33*	*7.34*	*7.35*	*7.36*	*7.38*	*7.42*	*7.47*
59.0	19 52.75	19 43.36	19 40.17	19 29.55	19 08.43	18 47.79	18 09.98	17 37.14
	7.39	*7.39*	*7.39*	*7.40*	*7.42*	*7.43*	*7.47*	*7.52*
60.0	20 00.17	19 50.78	19 47.59	19 36.98	19 15.88	18 55.26	18 17.48	17 44.68
	7.44	*7.45*	*7.45*	*7.46*	*7.47*	*7.49*	*7.53*	*7.57*
61.0	20 07.63	19 58.25	19 55.06	19 44.46	19 23.38	19 02.77	18 25.03	17 52.28
	7.49	*7.50*	*7.50*	*7.51*	*7.52*	*7.54*	*7.58*	*7.62*
62.0	20 15.15	20 05.77	20 02.59	19 51.99	19 30.92	19 10.33	18 32.63	17 59.92
	7.54	*7.55*	*7.55*	*7.56*	*7.57*	*7.59*	*7.62*	*7.67*
63.0	20 22.72	20 13.35	20 10.16	19 59.58	19 38.52	19 17.94	18 40.28	18 07.61
	7.59	*7.60*	*7.60*	*7.61*	*7.62*	*7.63*	*7.67*	*7.71*
64.0	20 30.34	20 20.97	20 17.78	20 07.20	19 46.16	19 25.60	18 47.97	18 15.34
	7.64	*7.64*	*7.64*	*7.65*	*7.67*	*7.68*	*7.71*	*7.75*
65.0	20 38.00	20 28.63	20 25.45	20 14.88	19 53.85	19 33.30	18 55.70	18 23.11
	7.68	*7.69*	*7.69*	*7.70*	*7.71*	*7.72*	*7.76*	*7.79*
66.0	20 45.70	20 36.34	20 33.16	20 22.60	20 01.58	19 41.05	19 03.48	18 30.93
	7.73	*7.73*	*7.73*	*7.74*	*7.75*	*7.76*	*7.80*	*7.83*
67.0	20 53.45	20 44.09	20 40.91	20 30.35	20 09.35	19 48.83	19 11.29	18 38.78
	7.77	*7.77*	*7.77*	*7.78*	*7.79*	*7.80*	*7.83*	*7.87*
68.0	21 01.24	20 51.88	20 48.71	20 38.15	20 17.16	19 56.66	19 19.15	18 46.66
	7.81	*7.81*	*7.81*	*7.82*	*7.83*	*7.84*	*7.87*	*7.90*
69.0	21 09.06	20 59.71	20 56.54	20 45.99	20 25.01	20 04.52	19 27.03	18 54.58
	7.84	*7.85*	*7.85*	*7.85*	*7.87*	*7.88*	*7.91*	*7.94*
70.0	21 16.93	21 07.58	21 04.40	20 53.86	20 32.89	20 12.41	19 34.96	19 02.54
	7.88	*7.88*	*7.89*	*7.89*	*7.90*	*7.91*	*7.94*	*7.97*
71.0	21 24.82	21 15.48	21 12.31	21 01.77	20 40.81	20 20.34	19 42.91	19 10.52
	7.91	*7.92*	*7.92*	*7.92*	*7.93*	*7.95*	*7.97*	*8.00*
72.0	21 32.76	21 23.41	21 20.24	21 09.71	20 48.76	20 28.30	19 50.90	19 18.54
	7.95	*7.95*	*7.95*	*7.96*	*7.97*	*7.98*	*8.00*	*8.03*
73.0	21 40.72	21 31.38	21 28.21	21 17.68	20 56.75	20 36.30	19 58.91	19 26.58
	7.98	*7.98*	*7.98*	*7.99*	*8.00*	*8.01*	*8.03*	*8.06*
74.0	21 48.71	21 39.37	21 36.21	21 25.68	21 04.76	20 44.32	20 06.96	19 34.65
	8.01	*8.01*	*8.01*	*8.02*	*8.03*	*8.04*	*8.06*	*8.08*
75.0	21 56.73	21 47.40	21 44.23	21 33.71	21 12.80	20 52.36	20 15.02	19 42.74
	8.04	*8.04*	*8.04*	*8.04*	*8.05*	*8.06*	*8.08*	*8.11*

ScS Depth of source [km]

Δ	0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
75.0	21 56.73	21 47.40	21 44.23	21 33.71	21 12.80	20 52.36	20 15.02	19 42.74
	8.04	*8.04*	*8.04*	*8.04*	*8.05*	*8.06*	*8.08*	*8.11*
76.0	22 04.78	21 55.45	21 52.29	21 41.77	21 20.86	21 00.44	20 23.12	19 50.86
	8.06	*8.06*	*8.07*	*8.07*	*8.08*	*8.09*	*8.11*	*8.13*
77.0	22 12.86	22 03.53	22 00.36	21 49.85	21 28.95	21 08.54	20 31.24	19 59.00
	8.09	*8.09*	*8.09*	*8.09*	*8.10*	*8.11*	*8.13*	*8.15*
78.0	22 20.96	22 11.63	22 08.47	21 57.96	21 37.07	21 16.66	20 39.38	20 07.16
	8.11	*8.11*	*8.11*	*8.12*	*8.13*	*8.13*	*8.15*	*8.17*
79.0	22 29.08	22 19.75	22 16.59	22 06.09	21 45.20	21 24.80	20 47.54	20 15.34
	8.13	*8.14*	*8.14*	*8.14*	*8.15*	*8.15*	*8.17*	*8.19*
80.0	22 37.23	22 27.90	22 24.74	22 14.24	21 53.36	21 32.97	20 55.72	20 23.54
	8.15	*8.16*	*8.16*	*8.16*	*8.17*	*8.17*	*8.19*	*8.21*
81.0	22 45.39	22 36.07	22 32.91	22 22.41	22 01.54	21 41.15	21 03.92	20 31.76
	8.17	*8.18*	*8.18*	*8.18*	*8.19*	*8.19*	*8.21*	*8.22*
82.0	22 53.57	22 44.25	22 41.10	22 30.60	22 09.73	21 49.35	21 12.13	20 39.99
	8.19	*8.19*	*8.20*	*8.20*	*8.20*	*8.21*	*8.22*	*8.24*
83.0	23 01.78	22 52.45	22 49.30	22 38.81	22 17.95	21 57.57	21 20.36	20 48.23
	8.21	*8.21*	*8.21*	*8.22*	*8.22*	*8.23*	*8.24*	*8.25*
84.0	23 09.99	23 00.67	22 57.52	22 47.03	22 26.17	22 05.81	21 28.61	20 56.49
	8.23	*8.23*	*8.23*	*8.23*	*8.24*	*8.24*	*8.25*	*8.27*
85.0	23 18.23	23 08.91	23 05.76	22 55.27	22 34.42	22 14.05	21 36.87	21 04.76
	8.24	*8.24*	*8.24*	*8.25*	*8.25*	*8.25*	*8.26*	*8.28*
86.0	23 26.48	23 17.16	23 14.01	23 03.52	22 42.67	22 22.31	21 45.14	21 13.05
	8.25	*8.26*	*8.26*	*8.26*	*8.26*	*8.27*	*8.28*	*8.29*
87.0	23 34.74	23 25.42	23 22.27	23 11.79	22 50.94	22 30.59	21 53.42	21 21.34
	8.27	*8.27*	*8.27*	*8.27*	*8.27*	*8.28*	*8.29*	*8.30*
88.0	23 43.01	23 33.69	23 30.54	23 20.06	22 59.22	22 38.87	22 01.71	21 29.64
	8.28	*8.28*	*8.28*	*8.28*	*8.29*	*8.29*	*8.30*	*8.31*
89.0	23 51.29	23 41.98	23 38.83	23 28.35	23 07.51	22 47.17	22 10.01	21 37.95
	8.29	*8.29*	*8.29*	*8.29*	*8.30*	*8.30*	*8.31*	*8.31*
90.0	23 59.59	23 50.27	23 47.12	23 36.65	23 15.81	22 55.47	22 18.32	21 46.26
	8.30	*8.30*	*8.30*	*8.30*	*8.30*	*8.31*	*8.31*	*8.32*
91.0	24 07.89	23 58.58	23 55.43	23 44.95	23 24.12	23 03.78	22 26.64	21 54.59
	8.31	*8.31*	*8.31*	*8.31*	*8.31*	*8.31*	*8.32*	*8.33*
92.0	24 16.20	24 06.89	24 03.74	23 53.26	23 32.43	23 12.10	22 34.96	22 02.91
	8.31	*8.31*	*8.31*	*8.32*	*8.32*	*8.32*	*8.33*	*8.33*
93.0	24 24.52	24 15.21	24 12.06	24 01.58	23 40.76	23 20.42	22 43.29	22 11.25
	8.32	*8.32*	*8.32*	*8.32*	*8.32*	*8.33*	*8.33*	*8.33*
94.0	24 32.84	24 23.53	24 20.38	24 09.91	23 49.08	23 28.75	22 51.62	22 19.58
	8.33	*8.33*	*8.33*	*8.33*	*8.33*	*8.33*	*8.33*	*8.34*
95.0	24 41.17	24 31.86	24 28.71	24 18.24	23 57.41	23 37.08	22 59.95	22 27.92
	8.33	*8.33*	*8.33*	*8.33*	*8.33*	*8.33*	*8.34*	*8.34*
96.0	24 49.50	24 40.19	24 37.04	24 26.57	24 05.75	23 45.41	23 08.29	22 36.26
	8.33	*8.33*	*8.33*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
97.0	24 57.84	24 48.53	24 45.38	24 34.91	24 14.08	23 53.75	23 16.63	22 44.60
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*
98.0	25 06.18	24 56.87	24 53.72	24 43.25	24 22.42	24 02.09	23 24.97	22 44.60
	8.34	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*	*8.34*

ScP

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
0.0	12 03.74	11 54.06	11 50.71	11 39.58	11 17.38	10 55.60	10 15.17	9 39.09
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
1.0	12 03.80	11 54.12	11 50.78	11 39.64	11 17.45	10 55.67	10 15.23	9 39.16
	0.12	*0.12*	*0.12*	*0.13*	*0.13*	*0.13*	*0.13*	*0.13*
2.0	12 03.99	11 54.31	11 50.96	11 39.83	11 17.63	10 55.86	10 15.42	9 39.35
	0.25	*0.25*	*0.25*	*0.25*	*0.25*	*0.25*	*0.26*	*0.26*
3.0	12 04.30	11 54.62	11 51.27	11 40.14	11 17.95	10 56.17	10 15.74	9 39.68
	0.37	*0.37*	*0.37*	*0.37*	*0.38*	*0.38*	*0.38*	*0.39*
4.0	12 04.73	11 55.06	11 51.71	11 40.58	11 18.39	10 56.61	10 16.19	9 40.13
	0.50	*0.50*	*0.50*	*0.50*	*0.50*	*0.50*	*0.51*	*0.52*
5.0	12 05.29	11 55.62	11 52.27	11 41.14	11 18.95	10 57.18	10 16.76	9 40.71
	0.62	*0.62*	*0.62*	*0.62*	*0.63*	*0.63*	*0.64*	*0.64*
6.0	12 05.97	11 56.30	11 52.95	11 41.82	11 19.64	10 57.87	10 17.46	9 41.42
	0.74	*0.74*	*0.74*	*0.75*	*0.75*	*0.75*	*0.76*	*0.77*
7.0	12 06.78	11 57.10	11 53.76	11 42.63	11 20.45	10 58.69	10 18.29	9 42.26
	0.86	*0.87*	*0.87*	*0.87*	*0.87*	*0.88*	*0.89*	*0.90*
8.0	12 07.70	11 58.03	11 54.69	11 43.56	11 21.38	10 59.62	10 19.23	9 43.22
	0.99	*0.99*	*0.99*	*0.99*	*0.99*	*1.00*	*1.01*	*1.02*
9.0	12 08.75	11 59.08	11 55.73	11 44.61	11 22.44	11 00.68	10 20.31	9 44.30
	1.11	*1.11*	*1.11*	*1.11*	*1.12*	*1.12*	*1.13*	*1.15*
10.0	12 09.91	12 00.24	11 56.90	11 45.78	11 23.61	11 01.87	10 21.50	9 45.52
	1.23	*1.23*	*1.23*	*1.23*	*1.24*	*1.24*	*1.26*	*1.27*
11.0	12 11.20	12 01.53	11 58.19	11 47.07	11 24.91	11 03.17	10 22.82	9 46.85
	1.34	*1.34*	*1.35*	*1.35*	*1.35*	*1.36*	*1.38*	*1.39*
12.0	12 12.60	12 02.93	11 59.59	11 48.47	11 26.32	11 04.59	10 24.25	9 48.30
	1.46	*1.46*	*1.46*	*1.47*	*1.47*	*1.48*	*1.50*	*1.51*
13.0	12 14.12	12 04.45	12 01.11	11 50.00	11 27.85	11 06.13	10 25.81	9 49.88
	1.57	*1.58*	*1.58*	*1.58*	*1.59*	*1.60*	*1.61*	*1.63*
14.0	12 15.75	12 06.09	12 02.75	11 51.64	11 29.50	11 07.78	10 27.48	9 51.57
	1.69	*1.69*	*1.69*	*1.70*	*1.70*	*1.71*	*1.73*	*1.75*
15.0	12 17.49	12 07.83	12 04.50	11 53.39	11 31.26	11 09.55	10 29.26	9 53.38
	1.80	*1.80*	*1.80*	*1.81*	*1.82*	*1.82*	*1.84*	*1.87*
16.0	12 19.35	12 09.69	12 06.35	11 55.25	11 33.13	11 11.43	10 31.16	9 55.30
	1.91	*1.91*	*1.91*	*1.92*	*1.93*	*1.94*	*1.96*	*1.98*
17.0	12 21.32	12 11.66	12 08.32	11 57.23	11 35.11	11 13.42	10 33.17	9 57.34
	2.02	*2.02*	*2.02*	*2.03*	*2.04*	*2.05*	*2.07*	*2.09*
18.0	12 23.39	12 13.74	12 10.40	11 59.31	11 37.20	11 15.52	10 35.29	9 59.48
	2.13	*2.13*	*2.13*	*2.14*	*2.14*	*2.15*	*2.17*	*2.20*
19.0	12 25.57	12 15.92	12 12.59	12 01.49	11 39.40	11 17.72	10 37.52	10 01.74
	2.23	*2.23*	*2.24*	*2.24*	*2.25*	*2.26*	*2.28*	*2.31*
20.0	12 27.85	12 18.21	12 14.87	12 03.79	11 41.70	11 20.03	10 39.86	10 04.10
	2.34	*2.34*	*2.34*	*2.34*	*2.35*	*2.36*	*2.39*	*2.41*
21.0	12 30.24	12 20.59	12 17.26	12 06.18	11 44.10	11 22.45	10 42.29	10 06.56
	2.44	*2.44*	*2.44*	*2.44*	*2.45*	*2.46*	*2.49*	*2.52*
22.0	12 32.72	12 23.08	12 19.75	12 08.68	11 46.61	11 24.96	10 44.83	10 09.13
	2.54	*2.54*	*2.54*	*2.54*	*2.55*	*2.56*	*2.59*	*2.62*
23.0	12 35.31	12 25.67	12 22.34	12 11.27	11 49.21	11 27.57	10 47.46	10 11.79
	2.63	*2.63*	*2.64*	*2.64*	*2.65*	*2.66*	*2.68*	*2.71*
24.0	12 37.99	12 28.35	12 25.02	12 13.96	11 51.91	11 30.28	10 50.20	10 14.55
	2.73	*2.73*	*2.73*	*2.73*	*2.74*	*2.76*	*2.78*	*2.81*
25.0	12 40.76	12 31.12	12 27.80	12 16.74	11 54.70	11 33.08	10 53.02	10 17.41
	2.82	*2.82*	*2.82*	*2.83*	*2.84*	*2.85*	*2.87*	*2.90*

ScP

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
25.0	12 40.76	12 31.12	12 27.80	12 16.74	11 54.70	11 33.08	10 53.02	10 17.41
	2.82	*2.82*	*2.82*	*2.83*	*2.84*	*2.85*	*2.87*	*2.90*
26.0	12 43.62	12 33.99	12 30.67	12 19.61	11 57.58	11 35.97	10 55.94	10 20.35
	2.91	*2.91*	*2.91*	*2.92*	*2.93*	*2.94*	*2.96*	*2.99*
27.0	12 46.57	12 36.94	12 33.62	12 22.57	12 00.55	11 38.96	10 58.94	10 23.39
	3.00	*3.00*	*3.00*	*3.00*	*3.01*	*3.02*	*3.05*	*3.08*
28.0	12 49.61	12 39.99	12 36.66	12 25.62	12 03.61	11 42.02	11 02.03	10 26.51
	3.08	*3.08*	*3.08*	*3.09*	*3.10*	*3.11*	*3.13*	*3.16*
29.0	12 52.73	12 43.11	12 39.79	12 28.75	12 06.75	11 45.17	11 05.21	10 29.71
	3.16	*3.16*	*3.17*	*3.17*	*3.18*	*3.19*	*3.22*	*3.24*
30.0	12 55.94	12 46.31	12 43.00	12 31.96	12 09.97	11 48.40	11 08.46	10 33.00
	3.24	*3.24*	*3.25*	*3.25*	*3.26*	*3.27*	*3.29*	*3.32*
31.0	12 59.22	12 49.60	12 46.28	12 35.25	12 13.27	11 51.71	11 11.80	10 36.36
	3.32	*3.32*	*3.32*	*3.33*	*3.34*	*3.35*	*3.37*	*3.40*
32.0	13 02.57	12 52.96	12 49.64	12 38.61	12 16.64	11 55.10	11 15.21	10 39.79
	3.39	*3.40*	*3.40*	*3.40*	*3.41*	*3.42*	*3.45*	*3.47*
33.0	13 06.00	12 56.39	12 53.08	12 42.05	12 20.09	11 58.56	11 18.69	10 43.30
	3.47	*3.47*	*3.47*	*3.47*	*3.48*	*3.49*	*3.52*	*3.54*
34.0	13 09.50	12 59.89	12 56.58	12 45.56	12 23.61	12 02.09	11 22.24	10 46.88
	3.54	*3.54*	*3.54*	*3.54*	*3.55*	*3.56*	*3.58*	*3.61*
35.0	13 13.07	13 03.46	13 00.15	12 49.14	12 27.20	12 05.68	11 25.86	10 50.53
	3.60	*3.60*	*3.61*	*3.61*	*3.62*	*3.63*	*3.65*	*3.68*
36.0	13 16.71	13 07.10	13 03.79	12 52.78	12 30.85	12 09.34	11 29.54	10 54.23
	3.67	*3.67*	*3.67*	*3.67*	*3.68*	*3.69*	*3.71*	*3.74*
37.0	13 20.40	13 10.80	13 07.49	12 56.48	12 34.56	12 13.07	11 33.28	10 58.00
	3.73	*3.73*	*3.73*	*3.74*	*3.74*	*3.75*	*3.77*	*3.80*
38.0	13 24.16	13 14.56	13 11.25	13 00.25	12 38.33	12 16.85	11 37.08	11 01.83
	3.79	*3.79*	*3.79*	*3.79*	*3.80*	*3.81*	*3.83*	*3.85*
39.0	13 27.98	13 18.38	13 15.07	13 04.07	12 42.16	12 20.69	11 40.94	11 05.71
	3.84	*3.84*	*3.85*	*3.85*	*3.86*	*3.87*	*3.89*	*3.91*
40.0	13 31.84	13 22.25	13 18.94	13 07.95	12 46.05	12 24.58	11 44.85	11 09.65
	3.90	*3.90*	*3.90*	*3.90*	*3.91*	*3.92*	*3.94*	*3.96*
41.0	13 35.77	13 26.17	13 22.87	13 11.87	12 49.98	12 28.52	11 48.82	11 13.63
	3.95	*3.95*	*3.95*	*3.95*	*3.96*	*3.97*	*3.99*	*4.01*
42.0	13 39.74	13 30.14	13 26.84	13 15.85	12 53.97	12 32.51	11 52.83	11 17.66
	3.99	*4.00*	*4.00*	*4.00*	*4.01*	*4.02*	*4.03*	*4.05*
43.0	13 43.75	13 34.16	13 30.86	13 19.88	12 58.00	12 36.55	11 56.88	11 21.73
	4.04	*4.04*	*4.04*	*4.05*	*4.05*	*4.06*	*4.08*	*4.09*
44.0	13 47.81	13 38.22	13 34.92	13 23.94	13 02.07	12 40.63	12 00.98	11 25.85
	4.08	*4.08*	*4.08*	*4.09*	*4.09*	*4.10*	*4.12*	*4.13*
45.0	13 51.92	13 42.33	13 39.03	13 28.05	13 06.19	12 44.75	12 05.11	11 30.00
	4.12	*4.12*	*4.12*	*4.13*	*4.13*	*4.14*	*4.15*	*4.17*
46.0	13 56.06	13 46.47	13 43.17	13 32.20	13 10.34	12 48.91	12 09.28	11 34.19
	4.16	*4.16*	*4.16*	*4.16*	*4.17*	*4.18*	*4.19*	*4.21*
47.0	14 00.23	13 50.65	13 47.35	13 36.38	13 14.53	12 53.11	12 13.49	11 38.41
	4.19	*4.20*	*4.20*	*4.20*	*4.20*	*4.21*	*4.22*	*4.24*
48.0	14 04.45	13 54.86	13 51.56	13 40.59	13 18.75	12 57.33	12 17.73	11 42.66
	4.23	*4.23*	*4.23*	*4.23*	*4.24*	*4.24*	*4.25*	*4.27*
49.0	14 08.69	13 59.10	13 55.81	13 44.84	13 23.00	13 01.59	12 22.00	11 46.95
	4.26	*4.26*	*4.26*	*4.26*	*4.27*	*4.27*	*4.28*	*4.29*
50.0	14 12.96	14 03.38	14 00.08	13 49.12	13 27.28	13 05.87	12 26.29	11 51.25
	4.28	*4.29*	*4.29*	*4.29*	*4.29*	*4.30*	*4.31*	*4.32*

ScP

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
50.0	14 12.96	14 03.38	14 00.08	13 49.12	13 27.28	13 05.87	12 26.29	11 51.25
	4.28	*4.29*	*4.29*	*4.29*	*4.29*	*4.30*	*4.31*	*4.32*
51.0	14 17.25	14 07.67	14 04.38	13 53.42	13 31.58	13 10.18	12 30.61	11 55.58
	4.31	*4.31*	*4.31*	*4.31*	*4.32*	*4.32*	*4.33*	*4.34*
52.0	14 21.58	14 12.00	14 08.70	13 57.74	13 35.91	13 14.51	12 34.95	11 59.93
	4.33	*4.33*	*4.33*	*4.34*	*4.34*	*4.34*	*4.35*	*4.36*
53.0	14 25.92	14 16.34	14 13.04	14 02.09	13 40.26	13 18.87	12 39.31	12 04.30
	4.35	*4.35*	*4.35*	*4.36*	*4.36*	*4.36*	*4.37*	*4.38*
54.0	14 30.28	14 20.70	14 17.41	14 06.45	13 44.63	13 23.24	12 43.69	12 08.68
	4.37	*4.37*	*4.37*	*4.37*	*4.38*	*4.38*	*4.38*	*4.39*
55.0	14 34.66	14 25.08	14 21.79	14 10.83	13 49.01	13 27.62	12 48.08	12 13.08
	4.39	*4.39*	*4.39*	*4.39*	*4.39*	*4.39*	*4.40*	*4.41*
56.0	14 39.05	14 29.47	14 26.18	14 15.23	13 53.41	13 32.02	12 52.48	12 17.49
	4.40	*4.40*	*4.40*	*4.40*	*4.40*	*4.41*	*4.41*	*4.42*
57.0	14 43.46	14 33.88	14 30.59	14 19.63	13 57.82	13 36.43	12 56.90	12 21.91
	4.41	*4.41*	*4.41*	*4.41*	*4.42*	*4.42*	*4.42*	*4.43*
58.0	14 47.87	14 38.30	14 35.01	14 24.05	14 02.24	13 40.86	13 01.32	12 26.34
	4.42	*4.42*	*4.42*	*4.42*	*4.42*	*4.43*	*4.43*	*4.43*
59.0	14 52.30	14 42.73	14 39.43	14 28.48	14 06.66	13 45.29	13 05.76	12 30.78
	4.43	*4.43*	*4.43*	*4.43*	*4.43*	*4.43*	*4.44*	*4.44*
60.0	14 56.73	14 47.16	14 43.87	14 32.91	14 11.10	13 49.72	13 10.20	12 35.22
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*
61.0	15 01.17	14 51.60	14 48.31	14 37.35	14 15.54	13 54.16	13 14.64	12 39.66
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*
62.0	15 05.61	14 56.04	14 52.75	14 41.80	14 19.98	13 58.61	13 19.08	12 44.11
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.45*	*4.45*

Core Phases:

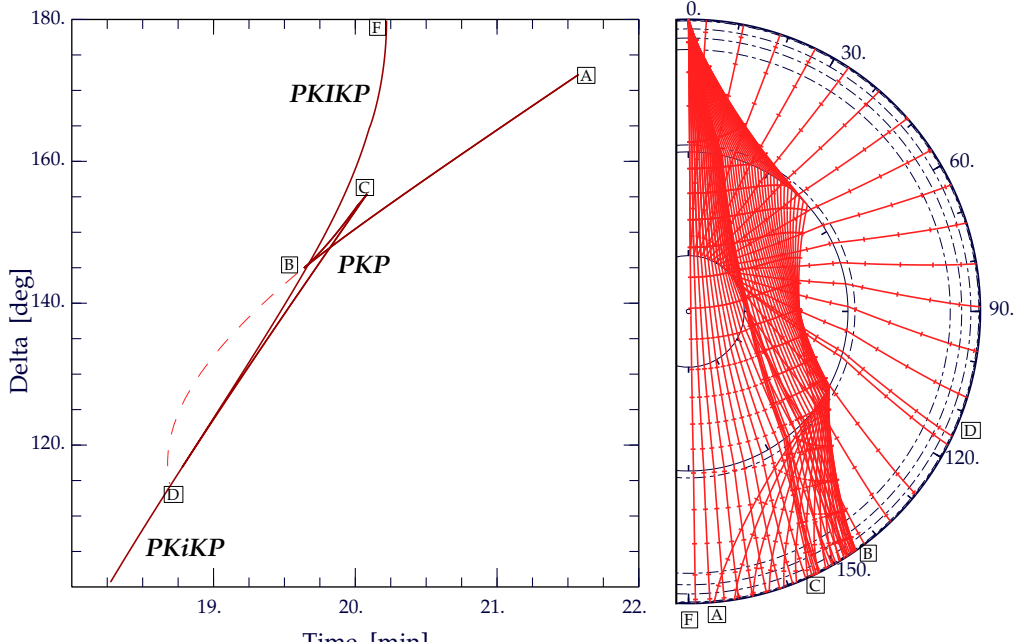
The P wavespeed at the top of the outer core is lower than the P wavespeed at the base of the mantle but higher than the S wavespeed at the same location.

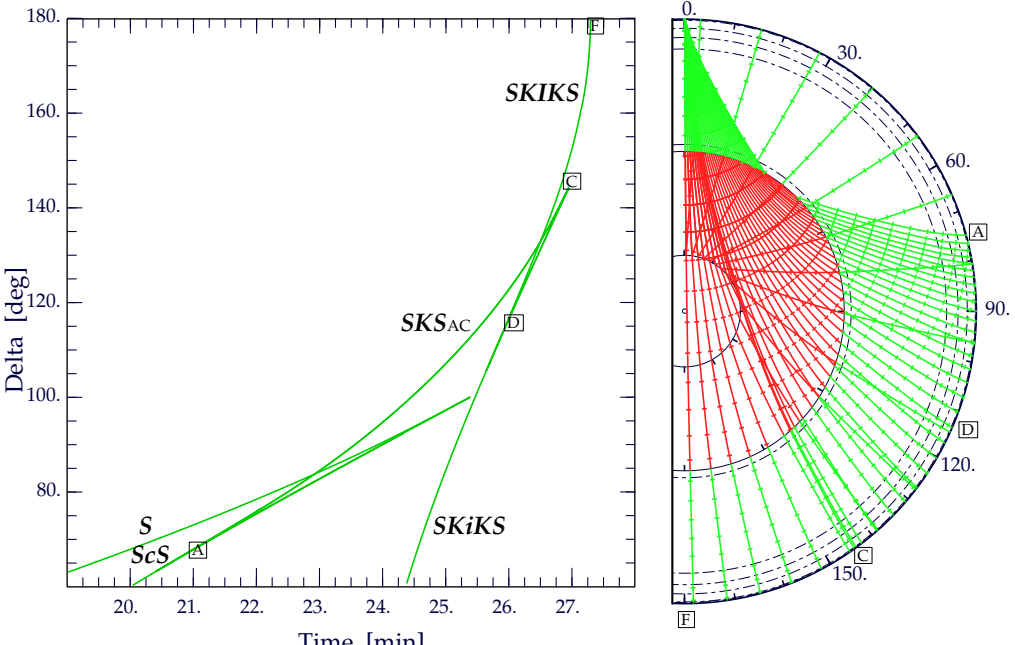
The outer part of the core of the Earth therefore acts as a low velocity zone for P waves leading to a shadow zone for P and a complex set of branches for the PKP phases illustrated opposite. The B point corresponds to the PKP caustic. The DF branch penetrates the inner core and corresponds to PKIKP.

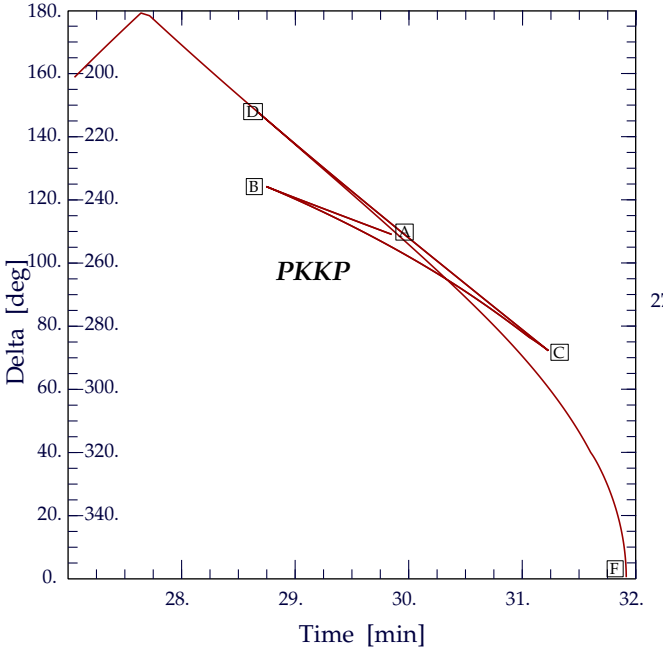
For SKS, the P wave leg in the core is faster than S in the mantle and so SKS overtakes S. The DF branch again penetrates the inner core and corresponds to SKIKS.

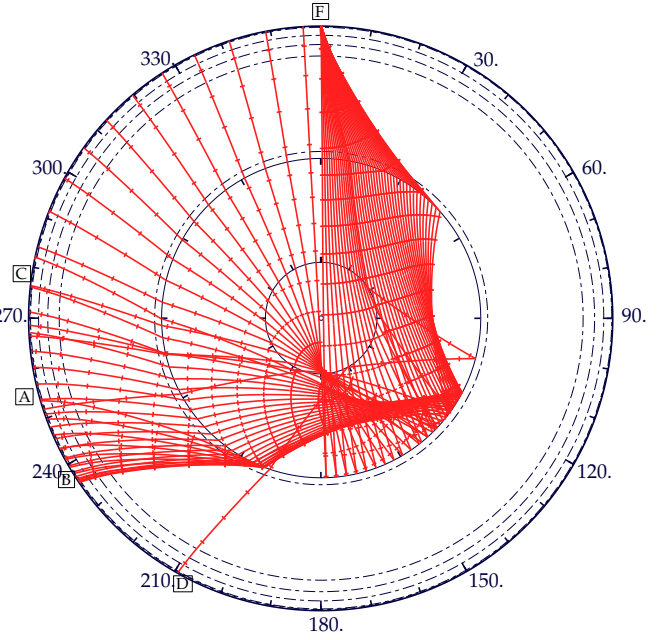
In the tables the branches of the PKP, SKS and other core phases are designated by lower case suffices e.g. PKPab for the AB branch of PKP.

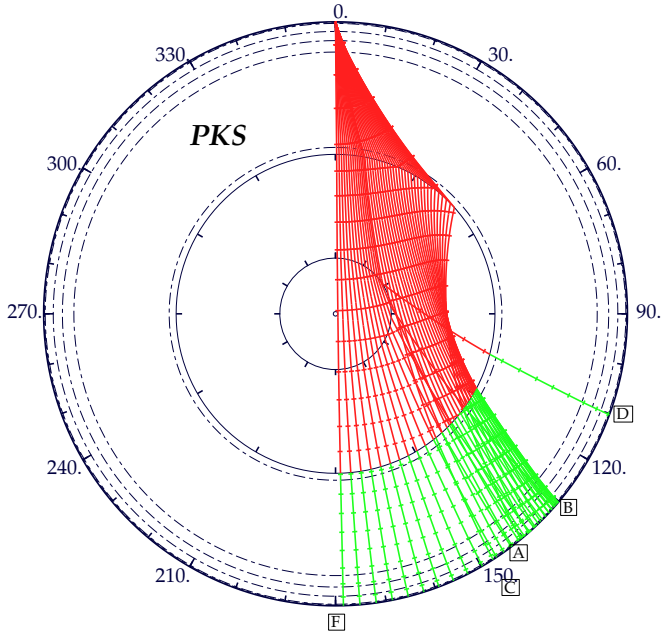
The ray and travel time charts so the configuration of the branches fro PKP, SKS and PKKP. Ray diagrams for PKS and SKP show the different propagation paths for these two phases with similar times.

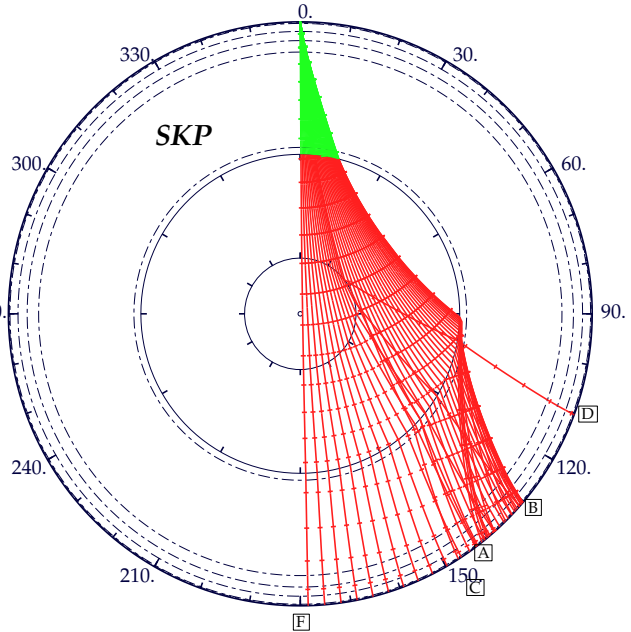

180.
160.
140.
120.
Delta [deg]
19.
20.
21.
22.
Time [min]
F
A
C
B
D
PKIKP
PKP
PKiKP
0.
30.
60.
90.
120.
150.


180.
160.
140.
120.
100.
80.
Delta [deg]
20.
21.
22.
23.
24.
25.
26.
27.
Time [min]
S
ScS
SKS AC
SKIKS
SKiKS
A
C
D
F
0.
30.
60.
90.
120.
150.


180.
160.
140.
120.
100.
80.
60.
40.
20.
0.
200.
220.
240.
260.
280.
300.
320.
340.
Delta [deg]
28.
29.
30.
31.
32.
Time [min]
D
B
A
C
F
PKKP


F
330
30.
300
60.
C
270.
90.
A
240
120.
B
210
D
150.
180.


PKS
0.
30.
60.
90.
120.
150.
210.
240.
270.
300.
330.
A
B
C
D
F


SKP
0.
30.
60.
90.
120.
150.
210.
240.
270.
300.
330.
A
B
C
D
F

PKPab Depth of source [km]

Δ	0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
143.0	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	18 15.38
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*3.63*
144.0	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	18 37.46	18 19.13
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*3.70*	*3.84*
145.0	19 38.47	19 32.83	19 31.03	19 25.03	19 13.22	19 01.91	18 41.25	18 23.03
	3.52	*3.57*	*3.59*	*3.64*	*3.71*	*3.77*	*3.86*	*3.95*
146.0	19 42.17	19 36.54	19 34.75	19 28.78	19 17.02	19 05.75	18 45.16	18 27.02
	3.80	*3.81*	*3.81*	*3.83*	*3.86*	*3.90*	*3.96*	*4.02*
147.0	19 46.03	19 40.41	19 38.62	19 32.67	19 20.93	19 09.69	18 49.16	18 31.08
	3.91	*3.92*	*3.92*	*3.93*	*3.96*	*3.98*	*4.03*	*4.08*
148.0	19 49.99	19 44.37	19 42.59	19 36.64	19 24.93	19 13.71	18 53.22	18 35.18
	3.99	*4.00*	*4.00*	*4.01*	*4.03*	*4.05*	*4.09*	*4.13*
149.0	19 54.01	19 48.40	19 46.62	19 40.69	19 28.99	19 17.78	18 57.34	18 39.33
	4.06	*4.06*	*4.06*	*4.07*	*4.09*	*4.10*	*4.13*	*4.17*
150.0	19 58.09	19 52.49	19 50.71	19 44.78	19 33.09	19 21.90	19 01.49	18 43.52
	4.11	*4.11*	*4.11*	*4.12*	*4.13*	*4.14*	*4.17*	*4.20*
151.0	20 02.22	19 56.62	19 54.84	19 48.92	19 37.25	19 26.07	19 05.68	18 47.74
	4.15	*4.15*	*4.15*	*4.16*	*4.17*	*4.18*	*4.21*	*4.23*
152.0	20 06.39	20 00.79	19 59.01	19 53.10	19 41.43	19 30.27	19 09.90	18 51.99
	4.18	*4.19*	*4.19*	*4.19*	*4.20*	*4.21*	*4.24*	*4.26*
153.0	20 10.59	20 04.99	20 03.22	19 57.31	19 45.65	19 34.49	19 14.15	18 56.26
	4.22	*4.22*	*4.22*	*4.22*	*4.23*	*4.24*	*4.26*	*4.28*
154.0	20 14.82	20 09.22	20 07.45	20 01.54	19 49.90	19 38.75	19 18.42	19 00.55
	4.24	*4.25*	*4.25*	*4.25*	*4.26*	*4.27*	*4.28*	*4.30*
155.0	20 19.08	20 13.48	20 11.71	20 05.81	19 54.17	19 43.03	19 22.72	19 04.86
	4.27	*4.27*	*4.27*	*4.27*	*4.28*	*4.29*	*4.30*	*4.32*
156.0	20 23.36	20 17.76	20 15.99	20 10.09	19 58.46	19 47.33	19 27.03	19 09.19
	4.29	*4.29*	*4.29*	*4.30*	*4.30*	*4.31*	*4.32*	*4.34*
157.0	20 27.66	20 22.07	20 20.29	20 14.40	20 02.77	19 51.64	19 31.36	19 13.54
	4.31	*4.31*	*4.31*	*4.31*	*4.32*	*4.33*	*4.34*	*4.35*
158.0	20 31.98	20 26.38	20 24.61	20 18.72	20 07.10	19 55.97	19 35.70	19 17.90
	4.33	*4.33*	*4.33*	*4.33*	*4.34*	*4.34*	*4.35*	*4.36*
159.0	20 36.31	20 30.72	20 28.95	20 23.06	20 11.44	20 00.32	19 40.06	19 22.27
	4.34	*4.34*	*4.34*	*4.35*	*4.35*	*4.35*	*4.36*	*4.38*
160.0	20 40.66	20 35.07	20 33.30	20 27.41	20 15.80	20 04.68	19 44.43	19 26.65
	4.36	*4.36*	*4.36*	*4.36*	*4.36*	*4.37*	*4.38*	*4.39*
161.0	20 45.02	20 39.43	20 37.66	20 31.78	20 20.17	20 09.06	19 48.81	19 31.04
	4.37	*4.37*	*4.37*	*4.37*	*4.37*	*4.38*	*4.39*	*4.39*
162.0	20 49.39	20 43.81	20 42.04	20 36.15	20 24.55	20 13.44	19 53.20	19 35.44
	4.38	*4.38*	*4.38*	*4.38*	*4.38*	*4.39*	*4.39*	*4.40*
163.0	20 53.78	20 48.19	20 46.42	20 40.54	20 28.94	20 17.83	19 57.60	19 39.84
	4.39	*4.39*	*4.39*	*4.39*	*4.39*	*4.40*	*4.40*	*4.41*
164.0	20 58.17	20 52.58	20 50.82	20 44.93	20 33.33	20 22.23	20 02.01	19 44.26
	4.40	*4.40*	*4.40*	*4.40*	*4.40*	*4.40*	*4.41*	*4.42*
165.0	21 02.57	20 56.99	20 55.22	20 49.34	20 37.74	20 26.64	20 06.42	19 48.68
	4.40	*4.41*	*4.41*	*4.41*	*4.41*	*4.41*	*4.42*	*4.42*
166.0	21 06.98	21 01.40	20 59.63	20 53.75	20 42.15	20 31.06	20 10.84	19 53.10
	4.41	*4.41*	*4.41*	*4.41*	*4.42*	*4.42*	*4.42*	*4.43*
167.0	21 11.39	21 05.81	21 04.04	20 58.16	20 46.57	20 35.48	20 15.27	19 57.53
	4.42	*4.42*	*4.42*	*4.42*	*4.42*	*4.42*	*4.43*	*4.43*
168.0	21 15.81	21 10.23	21 08.47	21 02.59	20 50.99	20 39.90	20 19.70	20 01.96
	4.42	*4.42*	*4.42*	*4.42*	*4.43*	*4.43*	*4.43*	*4.43*

PKPab Depth of source [km]

Δ	0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
168.0	21 15.81	21 10.23	21 08.47	21 02.59	20 50.99	20 39.90	20 19.70	20 01.96
	4.42	*4.42*	*4.42*	*4.42*	*4.43*	*4.43*	*4.43*	*4.43*
169.0	21 20.24	21 14.66	21 12.89	21 07.01	20 55.42	20 44.33	20 24.13	20 06.40
	4.43	*4.43*	*4.43*	*4.43*	*4.43*	*4.43*	*4.43*	*4.44*
170.0	21 24.67	21 19.09	21 17.32	21 11.44	20 59.85	20 48.76	20 28.56	20 10.84
	4.43	*4.43*	*4.43*	*4.43*	*4.43*	*4.44*	*4.44*	*4.44*
171.0	21 29.10	21 23.52	21 21.76	21 15.88	21 04.29	20 53.20	20 33.00	20 15.28
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*
172.0	21 33.54	21 27.96	21 26.19	21 20.31	21 08.73	20 57.64	20 37.44	20 19.72
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*
173.0	21 37.98	21 32.40	21 30.63	21 24.75	21 13.17	21 02.08	20 41.89	20 24.16
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*
174.0	21 42.42	21 36.84	21 35.07	21 29.20	21 17.61	21 06.52	20 46.33	20 28.61
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.45*
175.0	21 46.86	21 41.28	21 39.52	21 33.64	21 22.05	21 10.97	20 50.78	20 33.05
	4.44	*4.44*	*4.44*	*4.44*	*4.44*	*4.44*	*4.45*	*4.45*
176.0	21 51.31	21 45.73	21 43.96	21 38.08	21 26.50	21 15.41	20 55.22	
	4.44	*4.44*	*4.44*	*4.45*	*4.45*	*4.45*	*4.45*	
177.0	21 55.75	21 50.17	21 48.41	21 42.53	21 30.94	21 19.86		
	4.45	*4.45*	*4.45*	*4.45*	*4.45*	*4.45*		
178.0	22 00.20	21 54.62	21 52.85					
	4.45	*4.45*	*4.45*					

ak135

PKPbc

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
143.0	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	18 15.36
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*3.39*
144.0	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	18 37.35	18 18.56
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*3.25*	*3.08*
145.0	19 38.47	19 32.82	19 31.01	19 24.98	19 13.05	19 01.59	18 40.46	18 21.54
	3.43	*3.36*	*3.33*	*3.27*	*3.19*	*3.12*	*3.00*	*2.89*
146.0	19 41.65	19 35.98	19 34.16	19 28.09	19 16.12	19 04.60	18 43.37	18 24.35
	3.04	*3.02*	*3.02*	*3.00*	*2.95*	*2.91*	*2.82*	*2.73*
147.0	19 44.59	19 38.90	19 37.07	19 30.99	19 18.98	19 07.42	18 46.12	18 27.01
	2.84	*2.83*	*2.82*	*2.80*	*2.77*	*2.74*	*2.66*	*2.59*
148.0	19 47.33	19 41.64	19 39.81	19 33.71	19 21.66	19 10.08	18 48.71	18 29.54
	2.67	*2.66*	*2.65*	*2.64*	*2.61*	*2.58*	*2.53*	*2.48*
149.0	19 49.93	19 44.22	19 42.39	19 36.28	19 24.21	19 12.60	18 51.19	18 31.97
	2.53	*2.52*	*2.52*	*2.51*	*2.49*	*2.47*	*2.43*	*2.39*
150.0	19 52.40	19 46.69	19 44.86	19 38.74	19 26.65	19 15.03	18 53.58	18 34.32
	2.42	*2.42*	*2.42*	*2.41*	*2.40*	*2.38*	*2.35*	*2.31*
151.0	19 54.78	19 49.07	19 47.23	19 41.11	19 29.01	19 17.37	18 55.89	18 36.60
	2.34	*2.34*	*2.34*	*2.33*	*2.32*	*2.30*	*2.28*	*2.25*
152.0	19 57.08	19 51.37	19 49.53	19 43.40	19 31.29	19 19.64	18 58.13	18 38.82
	2.27	*2.26*	*2.26*	*2.26*	*2.25*	*2.24*	*2.21*	*2.19*
153.0	19 59.32	19 53.60	19 51.76	19 45.63	19 33.51	19 21.84	19 00.32	18 40.98
	2.20	*2.20*	*2.20*	*2.20*	*2.19*	*2.18*	*2.16*	*2.14*
154.0	20 01.49	19 55.78	19 53.94	19 47.80	19 35.67	19 24.00	19 02.45	18 43.09
	2.15	*2.15*	*2.15*	*2.14*	*2.14*	*2.13*	*2.11*	*2.08*
155.0	20 03.62	19 57.90	19 56.06	19 49.91	19 37.78	19 26.10	19 02.45	18 43.09
	2.10	*2.09*	*2.09*	*2.09*	*2.08*	*2.07*	*2.11*	*2.08*

ak135

PKPdf

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
113.0	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
114.0	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*
115.0	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	18 05.33	17 43.71	17 24.28
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*1.92*	*1.92*	*1.92*
116.0	18 44.84	18 39.11	18 37.27	18 31.11	18 18.95	18 07.25	17 45.64	17 26.21
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
117.0	18 46.76	18 41.04	18 39.19	18 33.04	18 20.88	18 09.17	17 47.56	17 28.13
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
118.0	18 48.68	18 42.96	18 41.11	18 34.96	18 22.80	18 11.10	17 49.49	17 30.05
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
119.0	18 50.61	18 44.88	18 43.04	18 36.88	18 24.72	18 13.02	17 51.41	17 31.98
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
120.0	18 52.53	18 46.81	18 44.96	18 38.81	18 26.65	18 14.94	17 53.33	17 33.90
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
121.0	18 54.45	18 48.73	18 46.88	18 40.73	18 28.57	18 16.86	17 55.25	17 35.82
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
122.0	18 56.37	18 50.65	18 48.80	18 42.65	18 30.49	18 18.79	17 57.17	17 37.74
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
123.0	18 58.29	18 52.57	18 50.72	18 44.57	18 32.41	18 20.70	17 59.09	17 39.66
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
124.0	19 00.21	18 54.49	18 52.64	18 46.49	18 34.33	18 22.62	18 01.01	17 41.57
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.91*
125.0	19 02.13	18 56.40	18 54.56	18 48.40	18 36.24	18 24.54	18 02.92	17 43.49
	1.91	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*
126.0	19 04.04	18 58.32	18 56.47	18 50.32	18 38.15	18 26.45	18 04.83	17 45.40
	1.91	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*
127.0	19 05.95	19 00.23	18 58.38	18 52.23	18 40.06	18 28.36	18 06.74	17 47.30
	1.91	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*
128.0	19 07.86	19 02.14	19 00.29	18 54.13	18 41.97	18 30.27	18 08.65	17 49.21
	1.91	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.90*	*1.90*
129.0	19 09.76	19 04.04	19 02.19	18 56.04	18 43.88	18 32.17	18 10.55	17 51.11
	1.90	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*
130.0	19 11.67	19 05.94	19 04.09	18 57.94	18 45.78	18 34.07	18 12.45	17 53.00
	1.90	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*	*1.89*
131.0	19 13.56	19 07.84	19 05.99	18 59.83	18 47.67	18 35.96	18 14.34	17 54.90
	1.89	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*
132.0	19 15.45	19 09.73	19 07.88	19 01.72	18 49.56	18 37.85	18 16.23	17 56.78
	1.89	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*	*1.88*	*1.88*
133.0	19 17.34	19 11.61	19 09.77	19 03.61	18 51.45	18 39.74	18 18.11	17 58.66
	1.88	*1.88*	*1.88*	*1.88*	*1.88*	*1.88*	*1.88*	*1.88*
134.0	19 19.22	19 13.49	19 11.65	19 05.49	18 53.32	18 41.61	18 19.98	18 00.53
	1.88	*1.88*	*1.88*	*1.88*	*1.87*	*1.87*	*1.87*	*1.87*
135.0	19 21.09	19 15.37	19 13.52	19 07.36	18 55.19	18 43.48	18 21.85	18 02.40
	1.87	*1.87*	*1.87*	*1.87*	*1.87*	*1.87*	*1.86*	*1.86*
136.0	19 22.96	19 17.23	19 15.38	19 09.22	18 57.06	18 45.34	18 23.71	18 04.25
	1.86	*1.86*	*1.86*	*1.86*	*1.86*	*1.86*	*1.85*	*1.85*
137.0	19 24.81	19 19.08	19 17.24	19 11.08	18 58.91	18 47.19	18 25.56	18 06.09
	1.85	*1.85*	*1.85*	*1.85*	*1.85*	*1.85*	*1.84*	*1.84*
138.0	19 26.66	19 20.93	19 19.08	19 12.92	19 00.75	18 49.04	18 27.40	18 07.93
	1.84	*1.84*	*1.84*	*1.84*	*1.84*	*1.84*	*1.83*	*1.83*

PKPdf

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
138.0	19 26.66	19 20.93	19 19.08	19 12.92	19 00.75	18 49.04	18 27.40	18 07.93
	1.84	*1.84*	*1.84*	*1.84*	*1.84*	*1.84*	*1.83*	*1.83*
139.0	19 28.49	19 22.76	19 20.91	19 14.76	19 02.58	18 50.87	18 29.22	18 09.75
	1.83	*1.83*	*1.83*	*1.83*	*1.83*	*1.82*	*1.82*	*1.82*
140.0	19 30.31	19 24.59	19 22.74	19 16.58	19 04.40	18 52.68	18 31.04	18 11.56
	1.82	*1.82*	*1.82*	*1.81*	*1.81*	*1.81*	*1.81*	*1.80*
141.0	19 32.12	19 26.39	19 24.54	19 18.38	19 06.21	18 54.49	18 32.83	18 13.35
	1.80	*1.80*	*1.80*	*1.80*	*1.80*	*1.80*	*1.79*	*1.78*
142.0	19 33.92	19 28.19	19 26.34	19 20.18	19 08.00	18 56.27	18 34.62	18 15.13
	1.79	*1.78*	*1.78*	*1.78*	*1.78*	*1.78*	*1.77*	*1.77*
143.0	19 35.69	19 29.96	19 28.11	19 21.95	19 09.77	18 58.04	18 36.38	18 16.88
	1.77	*1.77*	*1.77*	*1.77*	*1.76*	*1.76*	*1.75*	*1.75*
144.0	19 37.45	19 31.72	19 29.87	19 23.71	19 11.52	18 59.79	18 38.13	18 18.62
	1.75	*1.75*	*1.75*	*1.75*	*1.74*	*1.74*	*1.73*	*1.73*
145.0	19 39.19	19 33.46	19 31.61	19 25.44	19 13.26	19 01.52	18 39.85	18 20.34
	1.73	*1.73*	*1.72*	*1.72*	*1.72*	*1.72*	*1.71*	*1.70*
146.0	19 40.90	19 35.17	19 33.32	19 27.15	19 14.96	19 03.23	18 41.55	18 22.02
	1.70	*1.70*	*1.70*	*1.70*	*1.70*	*1.69*	*1.69*	*1.68*
147.0	19 42.59	19 36.86	19 35.01	19 28.84	19 16.65	19 04.91	18 43.22	18 23.69
	1.68	*1.67*	*1.67*	*1.67*	*1.67*	*1.67*	*1.66*	*1.65*
148.0	19 44.25	19 38.52	19 36.67	19 30.50	19 18.30	19 06.56	18 44.86	18 25.32
	1.65	*1.65*	*1.65*	*1.64*	*1.64*	*1.64*	*1.63*	*1.62*
149.0	19 45.88	19 40.15	19 38.30	19 32.12	19 19.93	19 08.18	18 46.47	18 26.92
	1.61	*1.61*	*1.61*	*1.61*	*1.61*	*1.60*	*1.59*	*1.58*
150.0	19 47.48	19 41.74	19 39.89	19 33.72	19 21.51	19 09.76	18 48.05	18 28.48
	1.58	*1.58*	*1.58*	*1.57*	*1.57*	*1.56*	*1.55*	*1.54*
151.0	19 49.04	19 43.30	19 41.45	19 35.27	19 23.06	19 11.31	18 49.58	18 30.00
	1.54	*1.54*	*1.54*	*1.53*	*1.53*	*1.52*	*1.51*	*1.50*
152.0	19 50.55	19 44.82	19 42.96	19 36.78	19 24.57	19 12.81	18 51.07	18 31.49
	1.50	*1.50*	*1.50*	*1.49*	*1.49*	*1.49*	*1.48*	*1.46*
153.0	19 52.03	19 46.29	19 44.44	19 38.26	19 26.04	19 14.28	18 52.53	18 32.93
	1.46	*1.46*	*1.46*	*1.45*	*1.45*	*1.44*	*1.43*	*1.42*
154.0	19 53.47	19 47.73	19 45.87	19 39.69	19 27.47	19 15.70	18 53.94	18 34.33
	1.41	*1.41*	*1.41*	*1.41*	*1.41*	*1.40*	*1.39*	*1.38*
155.0	19 54.86	19 49.12	19 47.26	19 41.08	19 28.85	19 17.08	18 55.31	18 35.69
	1.37	*1.37*	*1.37*	*1.37*	*1.36*	*1.36*	*1.35*	*1.33*
156.0	19 56.20	19 50.46	19 48.61	19 42.42	19 30.19	19 18.42	18 56.63	18 37.00
	1.32	*1.32*	*1.32*	*1.32*	*1.32*	*1.31*	*1.30*	*1.29*
157.0	19 57.50	19 51.76	19 49.90	19 43.72	19 31.48	19 19.70	18 57.91	18 38.26
	1.28	*1.27*	*1.27*	*1.27*	*1.27*	*1.26*	*1.25*	*1.24*
158.0	19 58.75	19 53.01	19 51.15	19 44.96	19 32.73	19 20.94	18 59.14	18 39.48
	1.23	*1.23*	*1.22*	*1.22*	*1.22*	*1.21*	*1.20*	*1.19*
159.0	19 59.96	19 54.21	19 52.35	19 46.16	19 33.92	19 22.13	19 00.32	18 40.64
	1.18	*1.17*	*1.17*	*1.17*	*1.17*	*1.16*	*1.15*	*1.14*
160.0	20 01.11	19 55.36	19 53.50	19 47.31	19 35.06	19 23.27	19 01.45	18 41.76
	1.12	*1.12*	*1.12*	*1.12*	*1.12*	*1.11*	*1.10*	*1.09*
161.0	20 02.20	19 56.46	19 54.60	19 48.40	19 36.15	19 24.35	19 02.52	18 42.83
	1.07	*1.07*	*1.07*	*1.07*	*1.06*	*1.06*	*1.05*	*1.04*
162.0	20 03.25	19 57.50	19 55.64	19 49.44	19 37.19	19 25.39	19 03.55	18 43.84
	1.02	*1.02*	*1.02*	*1.02*	*1.01*	*1.01*	*1.00*	*0.99*
163.0	20 04.24	19 58.49	19 56.63	19 50.43	19 38.18	19 26.37	19 04.52	18 44.81
	0.97	*0.97*	*0.96*	*0.96*	*0.96*	*0.96*	*0.95*	*0.94*

PKPdf

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
163.0	20 04.24	19 58.49	19 56.63	19 50.43	19 38.18	19 26.37	19 04.52	18 44.81
	0.97	*0.97*	*0.96*	*0.96*	*0.96*	*0.96*	*0.95*	*0.94*
164.0	20 05.18	19 59.43	19 57.57	19 51.37	19 39.11	19 27.30	19 05.44	18 45.72
	0.91	*0.91*	*0.91*	*0.91*	*0.90*	*0.90*	*0.89*	*0.88*
165.0	20 06.06	20 00.31	19 58.45	19 52.25	19 39.99	19 28.17	19 06.31	18 46.57
	0.86	*0.85*	*0.85*	*0.85*	*0.85*	*0.85*	*0.84*	*0.83*
166.0	20 06.89	20 01.14	19 59.28	19 53.07	19 40.81	19 28.99	19 07.12	18 47.37
	0.80	*0.80*	*0.80*	*0.80*	*0.79*	*0.79*	*0.78*	*0.78*
167.0	20 07.66	20 01.91	20 00.05	19 53.84	19 41.58	19 29.75	19 07.88	18 48.12
	0.74	*0.74*	*0.74*	*0.74*	*0.74*	*0.74*	*0.73*	*0.72*
168.0	20 08.38	20 02.63	20 00.77	19 54.56	19 42.29	19 30.46	19 08.58	18 48.82
	0.69	*0.69*	*0.69*	*0.69*	*0.68*	*0.68*	*0.67*	*0.67*
169.0	20 09.04	20 03.29	20 01.43	19 55.22	19 42.94	19 31.12	19 09.22	18 49.46
	0.63	*0.63*	*0.63*	*0.63*	*0.63*	*0.62*	*0.62*	*0.61*
170.0	20 09.64	20 03.89	20 02.03	19 55.82	19 43.54	19 31.71	19 09.81	18 50.04
	0.58	*0.57*	*0.57*	*0.57*	*0.57*	*0.57*	*0.56*	*0.56*
171.0	20 10.19	20 04.44	20 02.57	19 56.36	19 44.08	19 32.25	19 10.35	18 50.57
	0.52	*0.52*	*0.52*	*0.52*	*0.51*	*0.51*	*0.51*	*0.50*
172.0	20 10.68	20 04.93	20 03.06	19 56.85	19 44.57	19 32.74	19 10.83	18 51.04
	0.46	*0.46*	*0.46*	*0.46*	*0.46*	*0.46*	*0.45*	*0.45*
173.0	20 11.11	20 05.36	20 03.49	19 57.28	19 45.00	19 33.16	19 11.25	18 51.46
	0.40	*0.40*	*0.40*	*0.40*	*0.40*	*0.40*	*0.40*	*0.39*
174.0	20 11.49	20 05.73	20 03.87	19 57.65	19 45.37	19 33.53	19 11.62	18 51.83
	0.35	*0.35*	*0.35*	*0.35*	*0.34*	*0.34*	*0.34*	*0.34*
175.0	20 11.81	20 06.05	20 04.19	19 57.97	19 45.69	19 33.85	19 11.93	18 52.13
	0.29	*0.29*	*0.29*	*0.29*	*0.29*	*0.29*	*0.28*	*0.28*
176.0	20 12.07	20 06.31	20 04.44	19 58.23	19 45.94	19 34.10	19 12.18	18 52.38
	0.23	*0.23*	*0.23*	*0.23*	*0.23*	*0.23*	*0.23*	*0.22*
177.0	20 12.27	20 06.51	20 04.65	19 58.43	19 46.14	19 34.30	19 12.38	18 52.58
	0.17	*0.17*	*0.17*	*0.17*	*0.17*	*0.17*	*0.17*	*0.17*
178.0	20 12.41	20 06.66	20 04.79	19 58.58	19 46.29	19 34.45	19 12.52	18 52.72
	0.12	*0.12*	*0.12*	*0.12*	*0.11*	*0.11*	*0.11*	*0.11*
179.0	20 12.50	20 06.74	20 04.88	19 58.66	19 46.37	19 34.53	19 12.61	18 52.80
	0.06	*0.06*	*0.06*	*0.06*	*0.06*	*0.06*	*0.06*	*0.06*
180.0	20 12.53	20 06.77	20 04.91	19 58.69	19 46.40	19 34.56	19 12.64	18 52.83
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*

SKSac

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
61.0	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	17 52.27
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*7.59*
62.0	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	18 32.62	17 59.86
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*7.59*	*7.59*
63.0	20 22.72	20 13.35	20 10.16	19 59.57	19 38.51	19 17.92	18 40.21	18 07.45
	7.59	*7.59*	*7.59*	*7.59*	*7.59*	*7.59*	*7.59*	*7.59*
64.0	20 30.31	20 20.94	20 17.75	20 07.16	19 46.10	19 25.51	18 47.80	18 15.03
	7.59	*7.59*	*7.59*	*7.59*	*7.59*	*7.59*	*7.59*	*7.58*
65.0	20 37.90	20 28.53	20 25.34	20 14.75	19 53.69	19 33.10	18 55.39	18 22.62
	7.59	*7.59*	*7.59*	*7.59*	*7.59*	*7.59*	*7.58*	*7.58*
66.0	20 45.49	20 36.11	20 32.93	20 22.34	20 01.28	19 40.69	19 02.97	18 30.19
	7.59	*7.59*	*7.59*	*7.58*	*7.58*	*7.58*	*7.58*	*7.57*
67.0	20 53.07	20 43.70	20 40.51	20 29.92	20 08.86	19 48.27	19 10.54	18 37.76
	7.58	*7.58*	*7.58*	*7.58*	*7.58*	*7.58*	*7.57*	*7.56*
68.0	21 00.65	20 51.28	20 48.09	20 37.50	20 16.43	19 55.84	19 18.11	18 45.32
	7.58	*7.58*	*7.58*	*7.57*	*7.57*	*7.57*	*7.56*	*7.55*
69.0	21 08.22	20 58.85	20 55.66	20 45.07	20 24.00	20 03.40	19 25.67	18 52.87
	7.57	*7.57*	*7.57*	*7.57*	*7.56*	*7.56*	*7.55*	*7.54*
70.0	21 15.79	21 06.41	21 03.23	20 52.63	20 31.56	20 10.96	19 33.22	19 00.40
	7.56	*7.56*	*7.56*	*7.56*	*7.55*	*7.55*	*7.54*	*7.53*
71.0	21 23.34	21 13.97	21 10.78	21 00.19	20 39.11	20 18.51	19 40.75	19 07.93
	7.55	*7.55*	*7.55*	*7.55*	*7.54*	*7.54*	*7.53*	*7.52*
72.0	21 30.89	21 21.51	21 18.32	21 07.73	20 46.64	20 26.04	19 48.27	19 15.44
	7.54	*7.54*	*7.54*	*7.53*	*7.53*	*7.52*	*7.51*	*7.50*
73.0	21 38.42	21 29.04	21 25.85	21 15.25	20 54.17	20 33.56	19 55.78	19 22.92
	7.52	*7.52*	*7.52*	*7.52*	*7.52*	*7.51*	*7.50*	*7.47*
74.0	21 45.93	21 36.55	21 33.37	21 22.76	21 01.67	20 41.06	20 03.26	19 30.35
	7.51	*7.51*	*7.51*	*7.50*	*7.50*	*7.49*	*7.47*	*7.37*
75.0	21 53.43	21 44.05	21 40.86	21 30.26	21 09.16	20 48.53	20 10.68	19 37.67
	7.49	*7.49*	*7.49*	*7.48*	*7.47*	*7.45*	*7.35*	*7.26*
76.0	22 00.90	21 51.52	21 48.33	21 37.71	21 16.58	20 55.92	20 17.98	19 44.88
	7.44	*7.42*	*7.42*	*7.40*	*7.36*	*7.32*	*7.25*	*7.17*
77.0	22 08.27	21 58.88	21 55.68	21 45.05	21 23.89	21 03.19	20 25.19	19 52.00
	7.31	*7.30*	*7.30*	*7.28*	*7.25*	*7.22*	*7.15*	*7.06*
78.0	22 15.53	22 06.13	22 02.92	21 52.28	21 31.09	21 10.36	20 32.28	19 59.00
	7.21	*7.20*	*7.20*	*7.18*	*7.15*	*7.12*	*7.04*	*6.94*
79.0	22 22.69	22 13.27	22 10.07	21 59.41	21 38.18	21 17.42	20 39.26	20 05.88
	7.10	*7.09*	*7.09*	*7.07*	*7.04*	*7.00*	*6.92*	*6.82*
80.0	22 29.73	22 20.30	22 17.09	22 06.42	21 45.16	21 24.36	20 46.12	20 12.64
	6.98	*6.97*	*6.96*	*6.95*	*6.92*	*6.88*	*6.80*	*6.71*
81.0	22 36.64	22 27.21	22 24.00	22 13.30	21 52.02	21 31.18	20 52.86	20 19.29
	6.86	*6.85*	*6.84*	*6.83*	*6.79*	*6.76*	*6.68*	*6.59*
82.0	22 43.44	22 34.00	22 30.78	22 20.07	21 58.75	21 37.88	20 59.49	20 25.82
	6.73	*6.73*	*6.72*	*6.71*	*6.67*	*6.64*	*6.56*	*6.47*
83.0	22 50.11	22 40.66	22 37.44	22 26.71	22 05.36	21 44.46	21 05.99	20 32.23
	6.61	*6.60*	*6.60*	*6.58*	*6.55*	*6.52*	*6.44*	*6.36*
84.0	22 56.66	22 47.20	22 43.97	22 33.23	22 11.85	21 50.91	21 12.37	20 38.54
	6.49	*6.48*	*6.48*	*6.46*	*6.43*	*6.40*	*6.33*	*6.25*
85.0	23 03.09	22 53.62	22 50.39	22 39.63	22 18.22	21 57.26	21 18.64	20 44.72
	6.37	*6.36*	*6.36*	*6.34*	*6.31*	*6.28*	*6.21*	*6.13*
86.0	23 09.40	22 59.93	22 56.69	22 45.92	22 24.48	22 03.48	21 24.80	20 50.81
	6.25	*6.24*	*6.24*	*6.23*	*6.20*	*6.17*	*6.10*	*6.03*

SKSac

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
86.0	23 09.40	22 59.93	22 56.69	22 45.92	22 24.48	22 03.48	21 24.80	20 50.81
	6.25	*6.24*	*6.24*	*6.23*	*6.20*	*6.17*	*6.10*	*6.03*
87.0	23 15.59	23 06.11	23 02.87	22 52.09	22 30.62	22 09.59	21 30.85	20 56.79
	6.14	*6.13*	*6.13*	*6.11*	*6.09*	*6.06*	*6.00*	*5.93*
88.0	23 21.67	23 12.19	23 08.94	22 58.15	22 36.65	22 15.60	21 36.80	21 02.67
	6.03	*6.02*	*6.02*	*6.01*	*5.98*	*5.96*	*5.90*	*5.83*
89.0	23 27.65	23 18.16	23 14.91	23 04.10	22 42.58	22 21.50	21 42.65	21 08.45
	5.92	*5.92*	*5.91*	*5.90*	*5.88*	*5.85*	*5.80*	*5.74*
90.0	23 33.52	23 24.02	23 20.77	23 09.95	22 48.41	22 27.31	21 48.40	21 14.14
	5.82	*5.82*	*5.81*	*5.80*	*5.78*	*5.76*	*5.70*	*5.64*
91.0	23 39.30	23 29.79	23 26.53	23 15.70	22 54.14	22 33.02	21 54.06	21 19.73
	5.72	*5.72*	*5.71*	*5.70*	*5.68*	*5.66*	*5.61*	*5.55*
92.0	23 44.97	23 35.46	23 32.20	23 21.36	22 59.77	22 38.63	21 59.62	21 25.24
	5.63	*5.62*	*5.62*	*5.61*	*5.59*	*5.56*	*5.52*	*5.46*
93.0	23 50.55	23 41.03	23 37.77	23 26.92	23 05.31	22 44.15	22 05.09	21 30.65
	5.53	*5.53*	*5.52*	*5.51*	*5.49*	*5.47*	*5.42*	*5.37*
94.0	23 56.03	23 46.51	23 43.24	23 32.38	23 10.76	22 49.57	22 10.47	21 35.98
	5.44	*5.43*	*5.43*	*5.42*	*5.40*	*5.38*	*5.34*	*5.28*
95.0	24 01.42	23 51.90	23 48.63	23 37.76	23 16.11	22 54.91	22 15.76	21 41.21
	5.35	*5.34*	*5.34*	*5.33*	*5.31*	*5.29*	*5.25*	*5.20*
96.0	24 06.73	23 57.19	23 53.92	23 43.04	23 21.38	23 00.16	22 20.97	21 46.37
	5.26	*5.25*	*5.25*	*5.24*	*5.22*	*5.20*	*5.16*	*5.11*
97.0	24 11.94	24 02.40	23 59.13	23 48.24	23 26.56	23 05.32	22 26.08	21 51.44
	5.17	*5.16*	*5.16*	*5.15*	*5.14*	*5.12*	*5.08*	*5.03*
98.0	24 17.06	24 07.52	24 04.25	23 53.35	23 31.65	23 10.39	22 31.12	21 56.43
	5.08	*5.08*	*5.08*	*5.07*	*5.05*	*5.03*	*5.00*	*4.95*
99.0	24 22.10	24 12.56	24 09.28	23 58.38	23 36.66	23 15.38	22 36.07	22 01.34
	5.00	*4.99*	*4.99*	*4.98*	*4.97*	*4.95*	*4.91*	*4.87*
100.0	24 27.06	24 17.51	24 14.23	24 03.32	23 41.59	23 20.29	22 40.95	22 06.17
	4.92	*4.91*	*4.91*	*4.90*	*4.89*	*4.87*	*4.83*	*4.79*
101.0	24 31.94	24 22.38	24 19.10	24 08.18	23 46.44	23 25.13	22 45.74	22 10.92
	4.84	*4.83*	*4.83*	*4.82*	*4.81*	*4.79*	*4.76*	*4.71*
102.0	24 36.73	24 27.17	24 23.89	24 12.96	23 51.20	23 29.88	22 50.46	22 15.60
	4.75	*4.75*	*4.75*	*4.74*	*4.73*	*4.71*	*4.68*	*4.64*
103.0	24 41.45	24 31.88	24 28.60	24 17.67	23 55.89	23 34.55	22 55.10	22 20.19
	4.67	*4.67*	*4.67*	*4.66*	*4.65*	*4.63*	*4.60*	*4.56*
104.0	24 46.08	24 36.52	24 33.23	24 22.29	24 00.50	23 39.14	22 59.66	22 24.72
	4.60	*4.59*	*4.59*	*4.58*	*4.57*	*4.56*	*4.52*	*4.49*
105.0	24 50.64	24 41.07	24 37.78	24 26.83	24 05.03	23 43.66	23 04.15	22 29.17
	4.52	*4.52*	*4.51*	*4.51*	*4.50*	*4.48*	*4.45*	*4.42*
106.0	24 55.12	24 45.55	24 42.26	24 31.30	24 09.49	23 48.11	23 08.56	22 33.55
	4.45	*4.44*	*4.44*	*4.44*	*4.42*	*4.41*	*4.38*	*4.35*
107.0	24 59.53	24 49.96	24 46.66	24 35.70	24 13.88	23 52.48	23 12.91	22 37.86
	4.38	*4.37*	*4.37*	*4.36*	*4.35*	*4.34*	*4.31*	*4.28*
108.0	25 03.87	24 54.29	24 51.00	24 40.03	24 18.19	23 56.79	23 17.19	22 42.11
	4.30	*4.30*	*4.30*	*4.29*	*4.28*	*4.27*	*4.24*	*4.21*
109.0	25 08.14	24 58.56	24 55.26	24 44.29	24 22.44	24 01.02	23 21.39	22 46.28
	4.23	*4.23*	*4.23*	*4.22*	*4.21*	*4.20*	*4.17*	*4.14*
110.0	25 12.34	25 02.76	24 59.46	24 48.48	24 26.62	24 05.19	23 25.53	22 50.39
	4.16	*4.16*	*4.16*	*4.15*	*4.14*	*4.13*	*4.10*	*4.07*
111.0	25 16.47	25 06.88	25 03.58	24 52.60	24 30.73	24 09.28	23 29.60	22 54.43
	4.09	*4.09*	*4.09*	*4.08*	*4.07*	*4.06*	*4.04*	*4.01*

SKSac

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
111.0	25 16.47	25 06.88	25 03.58	24 52.60	24 30.73	24 09.28	23 29.60	22 54.43
	4.09	*4.09*	*4.09*	*4.08*	*4.07*	*4.06*	*4.04*	*4.01*
112.0	25 20.53	25 10.94	25 07.64	24 56.65	24 34.77	24 13.31	23 33.61	22 58.40
	4.02	*4.02*	*4.02*	*4.02*	*4.00*	*3.99*	*3.97*	*3.94*
113.0	25 24.52	25 14.93	25 11.62	25 00.63	24 38.74	24 17.27	23 37.54	23 02.30
	3.96	*3.95*	*3.95*	*3.95*	*3.94*	*3.93*	*3.90*	*3.87*
114.0	25 28.44	25 18.84	25 15.54	25 04.54	24 42.64	24 21.16	23 41.41	23 06.14
	3.89	*3.88*	*3.88*	*3.88*	*3.87*	*3.86*	*3.83*	*3.80*
115.0	25 32.30	25 22.69	25 19.39	25 08.39	24 46.47	24 24.98	23 45.21	23 09.91
	3.82	*3.82*	*3.81*	*3.81*	*3.80*	*3.79*	*3.76*	*3.74*
116.0	25 36.08	25 26.48	25 23.17	25 12.16	24 50.24	24 28.74	23 48.94	23 13.61
	3.75	*3.75*	*3.75*	*3.74*	*3.73*	*3.72*	*3.70*	*3.67*
117.0	25 39.80	25 30.19	25 26.88	25 15.87	24 53.93	24 32.43	23 52.60	23 17.25
	3.68	*3.68*	*3.68*	*3.67*	*3.66*	*3.65*	*3.63*	*3.60*
118.0	25 43.44	25 33.83	25 30.52	25 19.51	24 57.56	24 36.05	23 56.20	23 20.82
	3.61	*3.61*	*3.61*	*3.61*	*3.60*	*3.59*	*3.56*	*3.54*
119.0	25 47.02	25 37.41	25 34.10	25 23.08	25 01.13	24 39.60	23 59.73	23 24.33
	3.55	*3.54*	*3.54*	*3.54*	*3.53*	*3.52*	*3.50*	*3.47*
120.0	25 50.54	25 40.92	25 37.61	25 26.59	25 04.62	24 43.09	24 03.20	23 27.77
	3.48	*3.48*	*3.48*	*3.47*	*3.46*	*3.46*	*3.43*	*3.41*
121.0	25 53.99	25 44.37	25 41.06	25 30.03	25 08.06	24 46.51	24 06.60	23 31.15
	3.42	*3.41*	*3.41*	*3.41*	*3.40*	*3.39*	*3.37*	*3.34*
122.0	25 57.37	25 47.75	25 44.43	25 33.40	25 11.42	24 49.87	24 09.93	23 34.46
	3.35	*3.35*	*3.34*	*3.34*	*3.33*	*3.32*	*3.30*	*3.28*
123.0	26 00.68	25 51.06	25 47.74	25 36.71	25 14.72	24 53.16	24 13.20	23 37.70
	3.28	*3.28*	*3.28*	*3.27*	*3.26*	*3.26*	*3.24*	*3.21*
124.0	26 03.93	25 54.31	25 50.99	25 39.95	25 17.95	24 56.38	24 16.41	23 40.88
	3.21	*3.21*	*3.21*	*3.21*	*3.20*	*3.19*	*3.17*	*3.15*
125.0	26 07.11	25 57.49	25 54.17	25 43.12	25 21.12	24 59.54	24 19.55	23 44.00
	3.15	*3.15*	*3.15*	*3.14*	*3.13*	*3.13*	*3.11*	*3.08*
126.0	26 10.23	26 00.60	25 57.28	25 46.23	25 24.22	25 02.63	24 22.62	23 47.05
	3.08	*3.08*	*3.08*	*3.08*	*3.07*	*3.06*	*3.04*	*3.02*
127.0	26 13.28	26 03.65	26 00.33	25 49.27	25 27.25	25 05.66	24 25.63	23 50.04
	3.02	*3.02*	*3.01*	*3.01*	*3.00*	*2.99*	*2.98*	*2.96*
128.0	26 16.26	26 06.63	26 03.31	25 52.25	25 30.22	25 08.62	24 28.57	23 52.96
	2.95	*2.95*	*2.95*	*2.94*	*2.94*	*2.93*	*2.91*	*2.89*
129.0	26 19.18	26 09.55	26 06.22	25 55.16	25 33.13	25 11.52	24 31.45	23 55.82
	2.89	*2.88*	*2.88*	*2.88*	*2.87*	*2.86*	*2.85*	*2.83*
130.0	26 22.03	26 12.40	26 09.07	25 58.01	25 35.97	25 14.35	24 34.27	23 58.62
	2.82	*2.82*	*2.82*	*2.81*	*2.81*	*2.80*	*2.78*	*2.76*
131.0	26 24.82	26 15.18	26 11.86	26 00.79	25 38.74	25 17.11	24 37.02	24 01.35
	2.75	*2.75*	*2.75*	*2.75*	*2.74*	*2.73*	*2.71*	*2.70*
132.0	26 27.54	26 17.90	26 14.57	26 03.50	25 41.45	25 19.81	24 39.70	24 04.01
	2.69	*2.68*	*2.68*	*2.68*	*2.67*	*2.67*	*2.65*	*2.63*
133.0	26 30.19	26 20.55	26 17.22	26 06.15	25 44.09	25 22.44	24 42.32	24 06.61
	2.62	*2.62*	*2.62*	*2.61*	*2.61*	*2.60*	*2.59*	*2.57*
134.0	26 32.78	26 23.14	26 19.81	26 08.73	25 46.66	25 25.01	24 44.87	24 09.15
	2.56	*2.56*	*2.55*	*2.55*	*2.55*	*2.54*	*2.53*	*2.51*
135.0	26 35.31	26 25.66	26 22.33	26 11.25	25 49.18	25 27.52	24 47.37	24 11.63
	2.50	*2.50*	*2.49*	*2.49*	*2.49*	*2.48*	*2.47*	*2.45*
136.0	26 37.77	26 28.13	26 24.80	26 13.71	25 51.64	25 29.98	24 49.81	24 14.05
	2.44	*2.44*	*2.44*	*2.43*	*2.43*	*2.42*	*2.41*	*2.40*

SKSac

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
136.0	26 37.77	26 28.13	26 24.80	26 13.71	25 51.64	25 29.98	24 49.81	24 14.05
	2.44	*2.44*	*2.44*	*2.43*	*2.43*	*2.42*	*2.41*	*2.40*
137.0	26 40.19	26 30.54	26 27.21	26 16.12	25 54.04	25 32.37	24 52.19	24 16.43
	2.39	*2.39*	*2.39*	*2.38*	*2.38*	*2.37*	*2.36*	*2.35*
138.0	26 42.55	26 32.90	26 29.57	26 18.48	25 56.39	25 34.72	24 54.53	24 18.75
	2.34	*2.34*	*2.34*	*2.33*	*2.33*	*2.33*	*2.32*	*2.30*
139.0	26 44.86	26 35.21	26 31.88	26 20.79	25 58.70	25 37.02	24 56.83	24 21.03
	2.29	*2.29*	*2.29*	*2.29*	*2.28*	*2.28*	*2.27*	*2.26*
140.0	26 47.13	26 37.48	26 34.15	26 23.06	26 00.96	25 39.28	24 59.07	24 23.27
	2.24	*2.24*	*2.24*	*2.24*	*2.24*	*2.23*	*2.22*	*2.21*
141.0	26 49.35	26 39.70	26 36.37	26 25.27	26 03.17	25 41.49	25 01.28	24 25.46
	2.20	*2.20*	*2.20*	*2.20*	*2.19*	*2.19*	*2.18*	*2.17*
142.0	26 51.53	26 41.88	26 38.55	26 27.45	26 05.35	25 43.66	25 03.44	24 27.62
	2.16	*2.16*	*2.16*	*2.16*	*2.16*	*2.15*	*2.15*	*2.14*
143.0	26 53.68	26 44.02	26 40.69	26 29.59	26 07.49	25 45.80	25 05.57	24 29.74
	2.12	*2.12*	*2.12*	*2.12*	*2.12*	*2.11*	*2.11*	*2.10*
144.0	26 55.78	26 46.13	26 42.79	26 31.69	26 09.58	25 47.89	25 05.57	24 29.74
	2.08	*2.08*	*2.08*	*2.08*	*2.08*	*2.07*	*2.11*	*2.10*

ak135

SKSdf

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
105.0	0 00.00	0 00.00	0 00.00	0 00.00	24 50.83	24 29.13	23 48.86	23 12.99
	0.00	*0.00*	*0.00*	*0.00*	*1.92*	*1.92*	*1.92*	*1.92*
106.0	25 38.97	25 29.32	25 25.98	25 14.88	24 52.75	24 31.05	23 50.78	23 14.91
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
107.0	25 40.90	25 31.24	25 27.90	25 16.80	24 54.68	24 32.97	23 52.71	23 16.84
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
108.0	25 42.82	25 33.16	25 29.83	25 18.72	24 56.60	24 34.90	23 54.63	23 18.76
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
109.0	25 44.74	25 35.09	25 31.75	25 20.65	24 58.52	24 36.82	23 56.55	23 20.68
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
110.0	25 46.67	25 37.01	25 33.67	25 22.57	25 00.45	24 38.74	23 58.48	23 22.61
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
111.0	25 48.59	25 38.93	25 35.59	25 24.49	25 02.37	24 40.66	24 00.40	23 24.53
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
112.0	25 50.51	25 40.85	25 37.51	25 26.41	25 04.29	24 42.58	24 02.32	23 26.45
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
113.0	25 52.43	25 42.77	25 39.43	25 28.33	25 06.21	24 44.50	24 04.24	23 28.36
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
114.0	25 54.35	25 44.69	25 41.35	25 30.25	25 08.13	24 46.42	24 06.15	23 30.28
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
115.0	25 56.26	25 46.60	25 43.27	25 32.16	25 10.04	24 48.34	24 08.07	23 32.20
	1.91	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*
116.0	25 58.18	25 48.52	25 45.18	25 34.08	25 11.95	24 50.25	24 09.98	23 34.11
	1.91	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*
117.0	26 00.09	25 50.43	25 47.09	25 35.99	25 13.86	24 52.16	24 11.89	23 36.02
	1.91	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*
118.0	26 01.99	25 52.34	25 49.00	25 37.90	25 15.77	24 54.07	24 13.80	23 37.92
	1.91	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.90*	*1.90*
119.0	26 03.90	25 54.24	25 50.90	25 39.80	25 17.68	24 55.97	24 15.70	23 39.82
	1.90	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*
120.0	26 05.80	25 56.14	25 52.80	25 41.70	25 19.58	24 57.87	24 17.60	23 41.72
	1.90	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*
121.0	26 07.70	25 58.04	25 54.70	25 43.60	25 21.47	24 59.77	24 19.49	23 43.62
	1.89	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*
122.0	26 09.59	25 59.93	25 56.59	25 45.49	25 23.36	25 01.66	24 21.38	23 45.51
	1.89	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*
123.0	26 11.47	26 01.82	25 58.48	25 47.37	25 25.25	25 03.54	24 23.27	23 47.39
	1.88	*1.88*	*1.88*	*1.88*	*1.88*	*1.88*	*1.88*	*1.88*
124.0	26 13.35	26 03.70	26 00.36	25 49.25	25 27.13	25 05.42	24 25.15	23 49.26
	1.88	*1.88*	*1.88*	*1.88*	*1.88*	*1.88*	*1.87*	*1.87*
125.0	26 15.23	26 05.57	26 02.23	25 51.13	25 29.00	25 07.29	24 27.02	23 51.13
	1.87	*1.87*	*1.87*	*1.87*	*1.87*	*1.87*	*1.87*	*1.87*
126.0	26 17.09	26 07.44	26 04.10	25 52.99	25 30.87	25 09.16	24 28.88	23 53.00
	1.86	*1.86*	*1.86*	*1.86*	*1.86*	*1.86*	*1.86*	*1.86*
127.0	26 18.95	26 09.29	26 05.96	25 54.85	25 32.72	25 11.01	24 30.73	23 54.85
	1.85	*1.85*	*1.85*	*1.85*	*1.85*	*1.85*	*1.85*	*1.85*
128.0	26 20.80	26 11.14	26 07.80	25 56.70	25 34.57	25 12.86	24 32.58	23 56.69
	1.84	*1.84*	*1.84*	*1.84*	*1.84*	*1.84*	*1.84*	*1.84*
129.0	26 22.64	26 12.98	26 09.64	25 58.54	25 36.41	25 14.70	24 34.41	23 58.52
	1.83	*1.83*	*1.83*	*1.83*	*1.83*	*1.83*	*1.83*	*1.83*
130.0	26 24.47	26 14.81	26 11.47	26 00.36	25 38.23	25 16.52	24 36.24	24 00.34
	1.82	*1.82*	*1.82*	*1.82*	*1.82*	*1.82*	*1.82*	*1.82*

SKSdf

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
130.0	26 24.47	26 14.81	26 11.47	26 00.36	25 38.23	25 16.52	24 36.24	24 00.34
	1.82	*1.82*	*1.82*	*1.82*	*1.82*	*1.82*	*1.82*	*1.82*
131.0	26 26.28	26 16.62	26 13.29	26 02.18	25 40.05	25 18.34	24 38.05	24 02.15
	1.81	*1.81*	*1.81*	*1.81*	*1.81*	*1.81*	*1.80*	*1.80*
132.0	26 28.09	26 18.43	26 15.09	26 03.98	25 41.85	25 20.14	24 39.85	24 03.95
	1.80	*1.80*	*1.80*	*1.79*	*1.79*	*1.79*	*1.79*	*1.79*
133.0	26 29.87	26 20.21	26 16.88	26 05.77	25 43.64	25 21.92	24 41.63	24 05.73
	1.78	*1.78*	*1.78*	*1.78*	*1.78*	*1.78*	*1.78*	*1.77*
134.0	26 31.65	26 21.99	26 18.65	26 07.54	25 45.41	25 23.69	24 43.40	24 07.49
	1.76	*1.76*	*1.76*	*1.76*	*1.76*	*1.76*	*1.76*	*1.75*
135.0	26 33.40	26 23.74	26 20.40	26 09.29	25 47.16	25 25.44	24 45.15	24 09.24
	1.75	*1.75*	*1.75*	*1.75*	*1.74*	*1.74*	*1.74*	*1.74*
136.0	26 35.14	26 25.48	26 22.14	26 11.03	25 48.89	25 27.18	24 46.88	24 10.96
	1.73	*1.73*	*1.73*	*1.73*	*1.72*	*1.72*	*1.72*	*1.72*
137.0	26 36.86	26 27.20	26 23.86	26 12.75	25 50.61	25 28.89	24 48.59	24 12.67
	1.71	*1.71*	*1.71*	*1.71*	*1.70*	*1.70*	*1.70*	*1.69*
138.0	26 38.55	26 28.89	26 25.55	26 14.44	25 52.30	25 30.58	24 50.27	24 14.35
	1.68	*1.68*	*1.68*	*1.68*	*1.68*	*1.68*	*1.68*	*1.67*
139.0	26 40.23	26 30.56	26 27.22	26 16.11	25 53.97	25 32.25	24 51.94	24 16.01
	1.66	*1.66*	*1.66*	*1.66*	*1.66*	*1.66*	*1.65*	*1.65*
140.0	26 41.87	26 32.21	26 28.87	26 17.76	25 55.62	25 33.89	24 53.58	24 17.65
	1.64	*1.63*	*1.63*	*1.63*	*1.63*	*1.63*	*1.63*	*1.62*
141.0	26 43.49	26 33.83	26 30.49	26 19.38	25 57.23	25 35.51	24 55.19	24 19.25
	1.61	*1.61*	*1.61*	*1.61*	*1.60*	*1.60*	*1.60*	*1.59*
142.0	26 45.09	26 35.42	26 32.08	26 20.97	25 58.82	25 37.09	24 56.77	24 20.83
	1.58	*1.58*	*1.58*	*1.57*	*1.57*	*1.57*	*1.57*	*1.56*
143.0	26 46.65	26 36.98	26 33.64	26 22.53	26 00.38	25 38.65	24 58.32	24 22.37
	1.54	*1.54*	*1.54*	*1.54*	*1.54*	*1.54*	*1.53*	*1.53*
144.0	26 48.17	26 38.51	26 35.17	26 24.05	26 01.90	25 40.17	24 59.84	24 23.89
	1.51	*1.51*	*1.51*	*1.51*	*1.51*	*1.51*	*1.50*	*1.50*
145.0	26 49.67	26 40.00	26 36.66	26 25.54	26 03.39	25 41.66	25 01.32	24 25.36
	1.48	*1.48*	*1.48*	*1.48*	*1.47*	*1.47*	*1.47*	*1.46*
146.0	26 51.13	26 41.46	26 38.12	26 27.00	26 04.85	25 43.11	25 02.77	24 26.81
	1.44	*1.44*	*1.44*	*1.44*	*1.44*	*1.44*	*1.43*	*1.43*
147.0	26 52.56	26 42.89	26 39.55	26 28.43	26 06.28	25 44.54	25 04.19	24 28.22
	1.41	*1.41*	*1.41*	*1.41*	*1.41*	*1.40*	*1.40*	*1.39*
148.0	26 53.95	26 44.28	26 40.94	26 29.82	26 07.66	25 45.92	25 05.57	24 29.60
	1.37	*1.37*	*1.37*	*1.37*	*1.37*	*1.37*	*1.36*	*1.36*
149.0	26 55.31	26 45.64	26 42.30	26 31.18	26 09.02	25 47.27	25 06.92	24 30.94
	1.34	*1.34*	*1.34*	*1.34*	*1.33*	*1.33*	*1.33*	*1.32*
150.0	26 56.62	26 46.96	26 43.61	26 32.49	26 10.33	25 48.59	25 08.23	24 32.24
	1.30	*1.30*	*1.30*	*1.30*	*1.30*	*1.29*	*1.29*	*1.28*
151.0	26 57.91	26 48.24	26 44.89	26 33.77	26 11.61	25 49.86	25 09.50	24 33.51
	1.26	*1.26*	*1.26*	*1.26*	*1.26*	*1.26*	*1.25*	*1.25*
152.0	26 59.15	26 49.48	26 46.14	26 35.01	26 12.85	25 51.10	25 10.73	24 34.74
	1.22	*1.22*	*1.22*	*1.22*	*1.22*	*1.22*	*1.21*	*1.21*
153.0	27 00.35	26 50.68	26 47.34	26 36.21	26 14.05	25 52.30	25 11.92	24 35.93
	1.18	*1.18*	*1.18*	*1.18*	*1.18*	*1.18*	*1.17*	*1.17*
154.0	27 01.51	26 51.84	26 48.50	26 37.38	26 15.21	25 53.46	25 13.08	24 37.07
	1.14	*1.14*	*1.14*	*1.14*	*1.14*	*1.14*	*1.13*	*1.13*
155.0	27 02.64	26 52.97	26 49.62	26 38.50	26 16.33	25 54.57	25 14.19	24 38.18
	1.10	*1.10*	*1.10*	*1.10*	*1.10*	*1.10*	*1.09*	*1.09*

SKSdf

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
155.0	27 02.64	26 52.97	26 49.62	26 38.50	26 16.33	25 54.57	25 14.19	24 38.18
	1.10	*1.10*	*1.10*	*1.10*	*1.10*	*1.10*	*1.09*	*1.09*
156.0	27 03.72	26 54.05	26 50.70	26 39.58	26 17.41	25 55.65	25 15.26	24 39.25
	1.06	*1.06*	*1.06*	*1.06*	*1.06*	*1.06*	*1.05*	*1.05*
157.0	27 04.76	26 55.09	26 51.74	26 40.62	26 18.44	25 56.68	25 16.30	24 40.28
	1.02	*1.02*	*1.02*	*1.02*	*1.02*	*1.02*	*1.01*	*1.01*
158.0	27 05.76	26 56.09	26 52.74	26 41.61	26 19.44	25 57.68	25 17.29	24 41.26
	0.98	*0.98*	*0.98*	*0.98*	*0.97*	*0.97*	*0.97*	*0.96*
159.0	27 06.71	26 57.04	26 53.70	26 42.57	26 20.39	25 58.63	25 18.23	24 42.21
	0.94	*0.93*	*0.93*	*0.93*	*0.93*	*0.93*	*0.93*	*0.92*
160.0	27 07.63	26 57.96	26 54.61	26 43.48	26 21.30	25 59.54	25 19.14	24 43.11
	0.89	*0.89*	*0.89*	*0.89*	*0.89*	*0.89*	*0.88*	*0.88*
161.0	27 08.50	26 58.83	26 55.48	26 44.35	26 22.17	26 00.41	25 20.00	24 43.97
	0.85	*0.85*	*0.85*	*0.85*	*0.85*	*0.84*	*0.84*	*0.84*
162.0	27 09.33	26 59.65	26 56.31	26 45.18	26 22.99	26 01.23	25 20.82	24 44.78
	0.81	*0.81*	*0.80*	*0.80*	*0.80*	*0.80*	*0.80*	*0.79*
163.0	27 10.11	27 00.44	26 57.09	26 45.96	26 23.78	26 02.01	25 21.60	24 45.56
	0.76	*0.76*	*0.76*	*0.76*	*0.76*	*0.76*	*0.76*	*0.75*
164.0	27 10.85	27 01.18	26 57.83	26 46.70	26 24.51	26 02.75	25 22.33	24 46.29
	0.72	*0.72*	*0.72*	*0.72*	*0.72*	*0.71*	*0.71*	*0.71*
165.0	27 11.55	27 01.87	26 58.53	26 47.39	26 25.21	26 03.44	25 23.02	24 46.97
	0.67	*0.67*	*0.67*	*0.67*	*0.67*	*0.67*	*0.67*	*0.66*
166.0	27 12.20	27 02.52	26 59.18	26 48.04	26 25.86	26 04.09	25 23.67	24 47.62
	0.63	*0.63*	*0.63*	*0.63*	*0.63*	*0.63*	*0.62*	*0.62*
167.0	27 12.81	27 03.13	26 59.78	26 48.65	26 26.46	26 04.69	25 24.27	24 48.22
	0.59	*0.59*	*0.59*	*0.58*	*0.58*	*0.58*	*0.58*	*0.58*
168.0	27 13.37	27 03.69	27 00.35	26 49.21	26 27.03	26 05.25	25 24.83	24 48.77
	0.54	*0.54*	*0.54*	*0.54*	*0.54*	*0.54*	*0.54*	*0.53*
169.0	27 13.89	27 04.21	27 00.87	26 49.73	26 27.54	26 05.77	25 25.34	24 49.28
	0.50	*0.50*	*0.50*	*0.50*	*0.49*	*0.49*	*0.49*	*0.49*
170.0	27 14.36	27 04.69	27 01.34	26 50.20	26 28.01	26 06.24	25 25.81	24 49.75
	0.45	*0.45*	*0.45*	*0.45*	*0.45*	*0.45*	*0.45*	*0.45*
171.0	27 14.79	27 05.11	27 01.77	26 50.63	26 28.44	26 06.67	25 26.24	24 50.17
	0.41	*0.41*	*0.41*	*0.41*	*0.41*	*0.40*	*0.40*	*0.40*
172.0	27 15.17	27 05.50	27 02.15	26 51.02	26 28.83	26 07.05	25 26.62	24 50.55
	0.36	*0.36*	*0.36*	*0.36*	*0.36*	*0.36*	*0.36*	*0.36*
173.0	27 15.51	27 05.84	27 02.49	26 51.35	26 29.16	26 07.39	25 26.96	24 50.89
	0.32	*0.32*	*0.32*	*0.32*	*0.32*	*0.32*	*0.31*	*0.31*
174.0	27 15.81	27 06.13	27 02.78	26 51.65	26 29.46	26 07.68	25 27.25	24 51.18
	0.27	*0.27*	*0.27*	*0.27*	*0.27*	*0.27*	*0.27*	*0.27*
175.0	27 16.06	27 06.38	27 03.03	26 51.90	26 29.70	26 07.93	25 27.49	24 51.42
	0.23	*0.23*	*0.23*	*0.23*	*0.23*	*0.23*	*0.22*	*0.22*
176.0	27 16.26	27 06.58	27 03.24	26 52.10	26 29.91	26 08.13	25 27.69	24 51.62
	0.18	*0.18*	*0.18*	*0.18*	*0.18*	*0.18*	*0.18*	*0.18*
177.0	27 16.42	27 06.74	27 03.40	26 52.26	26 30.07	26 08.29	25 27.85	24 51.78
	0.14	*0.14*	*0.14*	*0.14*	*0.14*	*0.14*	*0.13*	*0.13*
178.0	27 16.53	27 06.86	27 03.51	26 52.37	26 30.18	26 08.40	25 27.96	24 51.89
	0.09	*0.09*	*0.09*	*0.09*	*0.09*	*0.09*	*0.09*	*0.09*
179.0	27 16.60	27 06.92	27 03.58	26 52.44	26 30.25	26 08.47	25 28.03	24 51.96
	0.05	*0.05*	*0.05*	*0.05*	*0.05*	*0.05*	*0.04*	*0.04*
180.0	27 16.62	27 06.95	27 03.60	26 52.46	26 30.27	26 08.49	25 28.05	24 51.98
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*	*0.00*

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SKP

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
110.0	0 00.00	0 00.00	0 00.00	0 00.00	0 00.00	21 02.06	20 21.79	19 45.92
	0.00	*0.00*	*0.00*	*0.00*	*0.00*	*1.92*	*1.92*	*1.92*
111.0	22 11.90	22 02.25	21 58.91	21 47.81	21 25.69	21 03.98	20 23.72	19 47.84
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
112.0	22 13.83	22 04.17	22 00.83	21 49.73	21 27.61	21 05.91	20 25.64	19 49.77
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
113.0	22 15.75	22 06.10	22 02.76	21 51.66	21 29.53	21 07.83	20 27.56	19 51.69
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
114.0	22 17.68	22 08.02	22 04.68	21 53.58	21 31.46	21 09.75	20 29.49	19 53.62
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
115.0	22 19.60	22 09.94	22 06.60	21 55.50	21 33.38	21 11.68	20 31.41	19 55.54
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
116.0	22 21.52	22 11.86	22 08.53	21 57.42	21 35.30	21 13.60	20 33.33	19 57.46
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
117.0	22 23.44	22 13.78	22 10.45	21 59.34	21 37.22	21 15.52	20 35.25	19 59.38
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
118.0	22 25.36	22 15.70	22 12.37	22 01.26	21 39.14	21 17.44	20 37.17	20 01.30
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
119.0	22 27.28	22 17.62	22 14.28	22 03.18	21 41.06	21 19.35	20 39.09	20 03.21
	1.92	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*	*1.92*
120.0	22 29.19	22 19.54	22 16.20	22 05.10	21 42.97	21 21.27	20 41.00	20 05.13
	1.91	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*
121.0	22 31.11	22 21.45	22 18.11	22 07.01	21 44.89	21 23.18	20 42.91	20 07.04
	1.91	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*
122.0	22 33.02	22 23.36	22 20.02	22 08.92	21 46.80	21 25.09	20 44.82	20 08.95
	1.91	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*
123.0	22 34.93	22 25.27	22 21.93	22 10.83	21 48.71	21 27.00	20 46.73	20 10.86
	1.91	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.91*	*1.90*
124.0	22 36.83	22 27.17	22 23.84	22 12.73	21 50.61	21 28.90	20 48.63	20 12.76
	1.90	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*
125.0	22 38.73	22 29.07	22 25.74	22 14.63	21 52.51	21 30.80	20 50.53	20 14.66
	1.90	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*	*1.90*
126.0	22 40.63	22 30.97	22 27.63	22 16.53	21 54.41	21 32.70	20 52.43	20 16.55
	1.89	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*
127.0	22 42.52	22 32.86	22 29.53	22 18.42	21 56.30	21 34.59	20 54.32	20 18.44
	1.89	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*	*1.89*
128.0	22 44.41	22 34.75	22 31.41	22 20.31	21 58.18	21 36.47	20 56.20	20 20.32
	1.88	*1.88*	*1.88*	*1.88*	*1.88*	*1.88*	*1.88*	*1.88*
129.0	22 46.29	22 36.63	22 33.29	22 22.19	22 00.06	21 38.35	20 58.08	20 09.15
	1.88	*1.88*	*1.88*	*1.88*	*1.88*	*1.88*	*1.87*	*3.95*
130.0	22 48.16	22 38.50	22 35.16	22 24.06	21 49.49	21 28.02	20 48.25	20 12.94
	1.87	*1.87*	*1.87*	*1.87*	*3.93*	*3.86*	*3.76*	*3.68*
131.0	22 39.12	22 29.51	22 26.21	22 15.20	21 53.26	21 31.75	20 51.92	20 16.55
	3.72	*3.71*	*3.71*	*3.69*	*3.67*	*3.64*	*3.59*	*3.53*
132.0	22 42.75	22 33.14	22 29.82	22 18.80	21 56.85	21 35.32	20 55.44	20 20.02
	3.55	*3.54*	*3.54*	*3.53*	*3.51*	*3.49*	*3.45*	*3.41*
133.0	22 46.23	22 36.61	22 33.30	22 22.27	22 00.30	21 38.75	20 58.83	20 23.36
	3.42	*3.41*	*3.41*	*3.40*	*3.38*	*3.37*	*3.33*	*3.29*
134.0	22 49.58	22 39.96	22 36.65	22 25.61	22 03.62	21 42.06	21 02.10	20 26.59
	3.29	*3.29*	*3.28*	*3.28*	*3.26*	*3.25*	*3.21*	*3.18*
135.0	22 52.82	22 43.19	22 39.87	22 28.83	22 06.83	21 45.25	21 05.26	20 29.72
	3.18	*3.17*	*3.17*	*3.17*	*3.15*	*3.14*	*3.11*	*3.08*

SKP

Δ	Depth of source [km] 0.	35.	50.	100.	200.	300.	500.	700.
	m s	m s	m s	m s	m s	m s	m s	m s
135.0	22 52.82	22 43.19	22 39.87	22 28.83	22 06.83	21 45.25	21 05.26	20 29.72
	3.18	*3.17*	*3.17*	*3.17*	*3.15*	*3.14*	*3.11*	*3.08*
136.0	22 55.94	22 46.31	22 42.99	22 31.94	22 09.93	21 48.34	21 08.32	20 32.74
	3.07	*3.07*	*3.07*	*3.06*	*3.05*	*3.04*	*3.01*	*2.98*
137.0	22 58.96	22 49.33	22 46.01	22 34.95	22 12.93	21 51.33	21 11.28	20 35.67
	2.97	*2.97*	*2.97*	*2.96*	*2.95*	*2.94*	*2.91*	*2.88*
138.0	23 01.89	22 52.25	22 48.93	22 37.87	22 15.83	21 54.22	21 14.15	20 38.51
	2.87	*2.87*	*2.87*	*2.86*	*2.85*	*2.84*	*2.82*	*2.79*
139.0	23 04.55	22 54.89	22 51.55	22 40.44	22 18.31	21 56.59	21 16.30	20 40.39
	1.76	*1.76*	*1.76*	*1.76*	*1.75*	*1.75*	*1.75*	*1.75*
140.0	23 06.30	22 56.64	22 53.30	22 42.19	22 20.05	21 58.33	21 18.04	20 42.13
	1.74	*1.74*	*1.74*	*1.74*	*1.73*	*1.73*	*1.73*	*1.73*
141.0	23 08.02	22 58.36	22 55.02	22 43.91	22 21.78	22 00.06	21 19.76	20 43.84
	1.72	*1.72*	*1.72*	*1.71*	*1.71*	*1.71*	*1.71*	*1.70*
142.0	23 09.73	23 00.07	22 56.73	22 45.62	22 23.48	22 01.76	21 21.45	20 45.53
	1.69	*1.69*	*1.69*	*1.69*	*1.69*	*1.69*	*1.68*	*1.68*
143.0	23 11.41	23 01.75	22 58.41	22 47.30	22 25.16	22 03.43	21 23.12	20 47.20
	1.67	*1.67*	*1.67*	*1.67*	*1.66*	*1.66*	*1.66*	*1.65*
144.0	23 13.06	23 03.40	23 00.06	22 48.95	22 26.81	22 05.08	21 24.77	20 48.84
	1.64	*1.64*	*1.64*	*1.64*	*1.64*	*1.64*	*1.63*	*1.63*
145.0	23 14.69	23 05.03	23 01.69	22 50.57	22 28.43	22 06.70	21 26.38	20 50.45
	1.61	*1.61*	*1.61*	*1.61*	*1.61*	*1.60*	*1.60*	*1.59*
146.0	23 16.28	23 06.62	23 03.28	22 52.16	22 30.02	22 08.29	21 27.97	20 52.03
	1.58	*1.58*	*1.58*	*1.57*	*1.57*	*1.57*	*1.57*	*1.56*
147.0	23 17.84	23 08.18	23 04.84	22 53.72	22 31.57	22 09.84	21 29.51	20 53.57
	1.54	*1.54*	*1.54*	*1.54*	*1.54*	*1.53*	*1.53*	*1.52*
148.0	23 19.36	23 09.70	23 06.36	22 55.24	22 33.09	22 11.36	21 31.02	20 55.07
	1.50	*1.50*	*1.50*	*1.50*	*1.50*	*1.50*	*1.49*	*1.49*
149.0	23 20.85	23 11.18	23 07.84	22 56.73	22 34.57	22 12.84	21 32.50	20 56.54
	1.47	*1.47*	*1.47*	*1.47*	*1.46*	*1.46*	*1.46*	*1.45*
150.0	23 22.30	23 12.63	23 09.29	22 58.17	22 36.02	22 14.28	21 33.94	20 57.98
	1.43	*1.43*	*1.43*	*1.43*	*1.43*	*1.43*	*1.42*	*1.41*
151.0	23 23.71	23 14.05	23 10.70	22 59.58	22 37.43	22 15.69	21 35.34	20 59.37
	1.39	*1.39*	*1.39*	*1.39*	*1.39*	*1.39*	*1.38*	*1.38*
152.0	23 25.08	23 15.42	23 12.08	23 00.96	22 38.80	22 17.05	21 36.70	21 00.73
	1.35	*1.35*	*1.35*	*1.35*	*1.35*	*1.35*	*1.34*	*1.33*
153.0	23 26.42	23 16.75	23 13.41	23 02.28	22 40.12	22 18.38	21 38.02	21 02.04
	1.31	*1.31*	*1.31*	*1.31*	*1.31*	*1.30*	*1.30*	*1.29*
154.0	23 27.71	23 18.04	23 14.69	23 03.57	22 41.41	22 19.66	21 39.30	21 03.31
	1.27	*1.27*	*1.27*	*1.27*	*1.26*	*1.26*	*1.26*	*1.25*
155.0	23 28.95	23 19.28	23 15.94	23 04.82	22 42.65	22 20.90	21 40.53	21 04.54
	1.22	*1.22*	*1.22*	*1.22*	*1.22*	*1.22*	*1.21*	*1.21*
156.0	23 30.15	23 20.48	23 17.14	23 06.02	22 43.85	22 22.10	21 41.73	21 05.73
	1.18	*1.18*	*1.18*	*1.18*	*1.18*	*1.17*	*1.17*	*1.16*
157.0	23 31.31	23 21.64	23 18.30	23 07.17	22 45.00	22 23.25	21 42.87	21 06.87
	1.13	*1.13*	*1.13*	*1.13*	*1.13*	*1.13*	*1.12*	*1.12*
158.0	23 32.42	23 22.75	23 19.41	23 08.28	22 46.11	22 24.36	21 43.97	21 07.96
	1.09	*1.09*	*1.09*	*1.09*	*1.09*	*1.08*	*1.08*	*1.07*

Differential times for Depth Phases

The differential times for the principal depth phases associated with the body waves are displayed at 1° intervals for a wide range of source depths: 15, 35, 50, 100, 150, 200, 250, 300, 400, 500, 600, and 700 km.

Differential time tables:

pP-P: 0-100°
sP-P: 0-100°
sS-S: 0-100°
pS-S: 20-100°

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pP-P Depth of source [km]

Δ	15. s	35. s	50. s	100. s	150. s	200. s	250. s	300. s	400. s	500. s	600. s	700. s
2	3.6	7.5										
4	3.6	7.5										
6	3.6	7.5										
8	3.6	7.5										
10	3.6	7.6										
12	3.6	7.6	7.9									
14	3.6	7.6	8.0									
16	3.8	8.1	9.3	20.1	26.2							
18	4.0	8.5	10.1	16.1	25.9	32.6	38.8					
20	4.3	9.2	11.5	19.0	25.6	33.2	39.6	45.4				
22	4.3	9.3	11.7	19.4	26.9	34.4	41.7	48.4	59.9			
24	4.5	10.0	12.7	21.4	29.8	37.8	45.3	52.2	64.1	82.7		
26	4.6	10.0	12.8	22.1	31.3	40.2	48.6	55.8	68.2	83.4	93.3	
28	4.6	10.0	12.9	22.3	31.5	40.5	49.1	57.2	72.1	84.2	94.3	
30	4.6	10.1	12.9	22.4	31.7	40.8	49.4	57.7	72.8	85.1	95.5	
32	4.6	10.1	12.9	22.5	31.9	41.0	49.7	58.0	73.4	86.0	96.7	
34	4.6	10.1	13.0	22.6	32.1	41.2	50.1	58.5	74.0	86.9	98.0	
36	4.6	10.2	13.1	22.8	32.3	41.6	50.5	59.0	74.8	87.9	99.3	
38	4.6	10.2	13.1	22.9	32.6	41.9	51.0	59.6	75.6	89.0	100.7	109.6
40	4.7	10.2	13.2	23.1	32.8	42.3	51.4	60.2	76.4	90.1	102.1	111.4
42	4.7	10.3	13.3	23.2	33.1	42.7	51.9	60.7	77.3	91.2	103.6	113.4
44	4.7	10.3	13.4	23.4	33.4	43.0	52.4	61.3	78.1	92.4	105.1	115.4
46	4.7	10.4	13.4	23.6	33.6	43.4	52.8	61.9	78.9	93.5	106.6	117.3
48	4.7	10.4	13.5	23.7	33.9	43.7	53.3	62.5	79.7	94.6	108.0	119.2
50	4.7	10.5	13.6	23.9	34.1	44.1	53.7	63.0	80.5	95.7	109.4	121.0
52	4.8	10.5	13.6	24.1	34.4	44.4	54.2	63.6	81.3	96.7	110.7	122.7
54	4.8	10.5	13.7	24.2	34.6	44.8	54.6	64.1	82.0	97.7	112.0	124.4
56	4.8	10.6	13.8	24.4	34.9	45.1	55.0	64.6	82.7	98.7	113.3	126.0
58	4.8	10.6	13.8	24.5	35.1	45.4	55.4	65.1	83.5	99.6	114.5	127.6
60	4.8	10.7	13.9	24.6	35.3	45.7	55.8	65.6	84.1	100.6	115.7	129.1
62	4.8	10.7	14.0	24.8	35.5	46.0	56.2	66.1	84.8	101.4	116.9	130.5
64	4.9	10.7	14.0	24.9	35.7	46.3	56.6	66.5	85.4	102.3	118.0	131.9
66	4.9	10.8	14.1	25.0	35.9	46.6	56.9	66.9	86.1	103.1	119.0	133.3
68	4.9	10.8	14.1	25.2	36.1	46.8	57.3	67.4	86.7	103.9	120.0	134.5
70	4.9	10.8	14.2	25.3	36.3	47.1	57.6	67.8	87.2	104.7	121.0	135.8
72	4.9	10.9	14.2	25.4	36.5	47.3	57.9	68.2	87.8	105.5	122.0	137.0
74	4.9	10.9	14.3	25.5	36.7	47.6	58.2	68.6	88.4	106.2	123.0	138.2
76	4.9	10.9	14.3	25.6	36.8	47.8	58.6	69.0	88.9	106.9	123.9	139.3
78	4.9	11.0	14.4	25.7	37.0	48.1	58.9	69.3	89.4	107.6	124.8	140.4
80	5.0	11.0	14.4	25.8	37.2	48.3	59.2	69.7	89.9	108.3	125.6	141.5
82	5.0	11.0	14.5	25.9	37.3	48.5	59.4	70.1	90.4	109.0	126.5	142.6
84	5.0	11.0	14.5	26.0	37.5	48.7	59.7	70.4	90.9	109.6	127.3	143.6
86	5.0	11.1	14.6	26.1	37.7	49.0	60.0	70.8	91.4	110.3	128.1	144.6
88	5.0	11.1	14.6	26.3	37.9	49.2	60.3	71.1	91.9	110.9	128.9	145.6
90	5.0	11.1	14.6	26.3	37.9	49.3	60.5	71.3	92.2	111.3	129.5	146.2
92	5.0	11.1	14.6	26.3	38.0	49.4	60.6	71.4	92.4	111.5	129.7	146.6
94	5.0	11.1	14.7	26.4	38.0	49.4	60.6	71.5	92.4	111.6	129.9	146.8
96	5.0	11.1	14.7	26.4	38.0	49.5	60.7	71.6	92.6	111.8	130.1	147.0
98	5.0	11.2	14.7	26.4	38.1	49.6	60.8	71.7	92.7	112.0	130.3	147.3
100	5.0	11.2	14.7	26.4	38.1	49.6	60.8	71.8	92.8	112.1	130.5	147.5

sP-P Depth of source [km]

Δ	15. s	35. s	50. s	100. s	150. s	200. s	250. s	300. s	400. s	500. s	600. s	700. s
2	5.7	12.4	15.1	22.4	26.6	35.4						
4	5.7	12.4	15.2	24.0	32.1	39.7	46.6	52.8	63.3			
6	5.7	12.4	15.3	24.4	33.2	41.7	49.7	57.2	70.3	80.8	88.7	
8	5.7	12.4	15.3	24.7	33.9	43.2	52.1	60.4	75.4	88.2	98.1	105.5
10	5.7	12.4	15.4	24.9	34.8	44.6	54.2	63.3	80.3	94.7	106.1	115.4
12	5.7	12.4	15.4	25.4	35.9	46.4	56.6	66.3	85.6	101.0	113.6	124.8
14	5.7	12.5	15.5	26.5	37.6	48.7	59.5	70.2	91.1	107.3	120.9	134.1
16	5.9	12.8	16.4	28.2	40.1	52.0	64.1	75.6	96.8	113.7	129.8	143.4
18	6.0	13.1	16.9	30.2	43.3	56.2	68.6	80.6	102.7	121.3	138.9	152.8
20	6.2	13.7	17.8	31.5	45.2	58.6	71.7	84.3	108.2	129.2	147.8	162.3
22	6.2	13.7	17.9	31.8	45.7	59.6	73.5	87.0	112.6	134.9	155.1	171.0
24	6.4	14.2	18.7	33.7	48.3	62.7	76.7	90.3	116.2	138.7	159.2	176.6
26	6.4	14.2	18.8	33.8	48.7	63.4	77.8	91.8	118.5	142.0	163.0	180.8
28	6.5	14.3	18.8	33.9	48.9	63.7	78.1	92.2	119.0	142.6	164.4	183.5
30	6.5	14.3	18.8	34.0	49.0	63.8	78.4	92.5	119.4	143.2	165.2	184.6
32	6.5	14.3	18.9	34.0	49.1	64.0	78.6	92.7	119.8	143.8	166.0	185.7
34	6.5	14.3	18.9	34.1	49.3	64.2	78.8	93.1	120.3	144.5	166.9	186.8
36	6.5	14.4	19.0	34.2	49.4	64.4	79.2	93.5	120.8	145.2	167.9	188.0
38	6.5	14.4	19.0	34.4	49.6	64.7	79.5	93.9	121.4	146.0	168.9	189.3
40	6.5	14.4	19.1	34.5	49.8	65.0	79.9	94.3	122.0	146.8	169.9	190.6
42	6.5	14.5	19.1	34.6	50.0	65.2	80.2	94.7	122.6	147.6	170.9	191.9
44	6.5	14.5	19.2	34.7	50.2	65.5	80.5	95.2	123.2	148.4	171.9	193.2
46	6.6	14.5	19.2	34.9	50.4	65.8	80.9	95.6	123.8	149.2	172.9	194.4
48	6.6	14.6	19.3	35.0	50.6	66.0	81.2	96.0	124.4	150.0	173.9	195.6
50	6.6	14.6	19.3	35.1	50.8	66.3	81.5	96.4	124.9	150.7	174.9	196.8
52	6.6	14.6	19.4	35.2	51.0	66.5	81.9	96.8	125.5	151.4	175.8	198.0
54	6.6	14.7	19.4	35.3	51.1	66.8	82.2	97.2	126.0	152.1	176.7	199.1
56	6.6	14.7	19.5	35.4	51.3	67.0	82.5	97.6	126.6	152.8	177.6	200.2
58	6.6	14.7	19.5	35.6	51.5	67.3	82.8	97.9	127.1	153.5	178.4	201.3
60	6.6	14.8	19.6	35.7	51.6	67.5	83.1	98.3	127.6	154.2	179.3	202.3
62	6.7	14.8	19.6	35.8	51.8	67.7	83.4	98.6	128.1	154.8	180.1	203.3
64	6.7	14.8	19.7	35.9	52.0	67.9	83.6	99.0	128.5	155.4	180.9	204.2
66	6.7	14.8	19.7	36.0	52.1	68.1	83.9	99.3	129.0	156.0	181.6	205.2
68	6.7	14.9	19.8	36.1	52.3	68.3	84.2	99.6	129.4	156.6	182.3	206.1
70	6.7	14.9	19.8	36.1	52.4	68.5	84.4	99.9	129.8	157.2	183.1	207.0
72	6.7	14.9	19.8	36.2	52.5	68.7	84.7	100.2	130.3	157.7	183.8	207.8
74	6.7	14.9	19.9	36.3	52.7	68.9	84.9	100.5	130.7	158.3	184.5	208.7
76	6.7	15.0	19.9	36.4	52.8	69.1	85.1	100.8	131.1	158.8	185.1	209.5
78	6.7	15.0	20.0	36.5	53.0	69.3	85.4	101.1	131.5	159.3	185.8	210.3
80	6.8	15.0	20.0	36.6	53.1	69.4	85.6	101.4	131.9	159.8	186.4	211.1
82	6.8	15.0	20.0	36.7	53.2	69.6	85.8	101.6	132.2	160.3	187.0	211.8
84	6.8	15.1	20.1	36.7	53.3	69.8	86.0	101.9	132.6	160.8	187.6	212.6
86	6.8	15.1	20.1	36.8	53.5	70.0	86.2	102.1	133.0	161.3	188.3	213.4
88	6.8	15.1	20.2	36.9	53.6	70.1	86.5	102.4	133.4	161.8	188.8	214.0
90	6.8	15.1	20.2	36.9	53.7	70.2	86.6	102.6	133.5	162.0	189.1	214.4
92	6.8	15.1	20.2	37.0	53.7	70.3	86.6	102.6	133.6	162.1	189.3	214.6
94	6.8	15.1	20.2	37.0	53.7	70.3	86.7	102.7	133.7	162.2	189.4	214.7
96	6.8	15.1	20.2	37.0	53.7	70.3	86.7	102.8	133.8	162.4	189.6	214.9
98	6.8	15.1	20.2	37.0	53.8	70.4	86.8	102.8	133.9	162.5	189.8	215.2
100	6.8	15.2	20.2	37.0	53.8	70.4	86.8	102.9	134.0	162.6	189.9	215.3

sS-S Depth of source [km]

Δ	15. s	35. s	50. s	100. s	150. s	200. s	250. s	300. s	400. s	500. s	600. s	700. s
2	5.5	11.4										
4	5.5	11.4										
6	5.6	11.4										
8	5.6	11.5										
10	5.6	11.5										
12	5.6	11.6	12.3									
14	5.6	11.6	12.6									
16	5.7	11.7	12.8	37.6								
18	5.7	11.8	13.1	30.7	42.9	54.8	66.2					
20	6.8	14.6	17.4	31.4	44.0	56.3	68.1	79.7				
22	6.9	14.9	19.0	32.8	47.4	61.6	75.3	88.0	110.3			
24	7.5	16.4	21.5	38.2	54.4	69.1	83.3	96.5	119.5	153.8		
26	7.5	16.6	21.7	38.7	55.5	72.0	88.2	103.7	128.5	155.7	174.9	
28	7.6	16.6	21.7	38.8	55.7	72.4	88.7	104.4	133.7	157.4	177.1	
30	7.6	16.6	21.8	38.9	55.8	72.6	89.0	104.7	134.3	158.6	179.1	
32	7.6	16.6	21.8	39.0	56.0	72.8	89.3	105.1	134.9	159.5	180.7	
34	7.6	16.7	21.9	39.2	56.3	73.2	89.8	105.7	135.7	160.5	182.0	198.1
36	7.6	16.8	22.0	39.4	56.6	73.6	90.3	106.4	136.6	161.8	183.6	200.2
38	7.6	16.8	22.1	39.6	56.9	74.1	90.9	107.1	137.6	163.2	185.4	202.4
40	7.7	16.9	22.2	39.8	57.3	74.6	91.6	107.9	138.7	164.6	187.3	204.8
42	7.7	16.9	22.3	40.1	57.6	75.1	92.2	108.7	139.9	166.2	189.3	207.4
44	7.7	17.0	22.4	40.3	58.0	75.6	92.9	109.5	141.0	167.7	191.3	210.1
46	7.8	17.1	22.5	40.5	58.4	76.1	93.6	110.4	142.2	169.3	193.3	212.8
48	7.8	17.2	22.6	40.8	58.8	76.7	94.2	111.2	143.3	170.9	195.4	215.5
50	7.8	17.2	22.7	41.0	59.2	77.2	94.9	112.1	144.5	172.5	197.4	218.1
52	7.8	17.3	22.8	41.3	59.6	77.7	95.6	112.9	145.7	174.0	199.5	220.7
54	7.9	17.4	23.0	41.5	59.9	78.2	96.3	113.7	146.8	175.5	201.4	223.3
56	7.9	17.4	23.1	41.8	60.3	78.8	96.9	114.5	147.9	177.0	203.4	225.8
58	7.9	17.5	23.2	42.0	60.7	79.3	97.5	115.3	149.0	178.5	205.3	228.2
60	7.9	17.6	23.3	42.2	61.0	79.7	98.2	116.0	150.1	180.0	207.1	230.6
62	8.0	17.6	23.4	42.4	61.4	80.2	98.8	116.8	151.2	181.4	209.0	232.9
64	8.0	17.7	23.5	42.7	61.7	80.7	99.4	117.5	152.2	182.8	210.8	235.2
66	8.0	17.8	23.6	42.9	62.1	81.2	100.0	118.3	153.2	184.1	212.5	237.4
68	8.0	17.8	23.7	43.1	62.4	81.6	100.6	119.0	154.2	185.5	214.2	239.6
70	8.1	17.9	23.8	43.3	62.8	82.1	101.2	119.7	155.2	186.8	215.9	241.7
72	8.1	17.9	23.9	43.5	63.1	82.5	101.7	120.4	156.2	188.1	217.6	243.8
74	8.1	18.0	24.0	43.7	63.4	83.0	102.3	121.1	157.2	189.4	219.2	245.8
76	8.1	18.1	24.0	43.9	63.7	83.4	102.8	121.8	158.1	190.6	220.8	247.8
78	8.2	18.1	24.1	44.1	64.0	83.8	103.4	122.4	159.0	191.8	222.3	249.7
80	8.2	18.2	24.2	44.3	64.3	84.2	103.9	123.1	159.9	193.0	223.9	251.6
82	8.2	18.2	24.3	44.5	64.6	84.6	104.4	123.7	160.8	194.2	225.4	253.5
84	8.2	18.3	24.4	44.7	64.9	85.0	104.9	124.3	161.7	195.4	226.8	255.3
86	8.3	18.3	24.5	44.9	65.2	85.4	105.4	125.0	162.6	196.5	228.3	257.2
88	8.3	18.4	24.6	45.1	65.5	85.8	105.9	125.6	163.4	197.6	229.7	259.0
90	8.3	18.4	24.6	45.3	65.8	86.2	106.4	126.2	164.3	198.8	231.2	260.7
92	8.3	18.5	24.7	45.4	66.1	86.6	106.9	126.8	165.1	199.9	232.5	262.4
94	8.3	18.5	24.8	45.6	66.3	87.0	107.4	127.3	165.8	200.7	233.6	263.7
96	8.3	18.6	24.8	45.7	66.4	87.1	107.5	127.5	166.1	201.3	234.4	264.7
98	8.4	18.6	24.9	45.8	66.6	87.3	107.8	127.8	166.5	201.8	235.0	265.5
100	8.4	18.6	24.9	45.9	66.7	87.5	108.0	128.1	166.9	202.3	235.6	266.1

pS-S Depth of source [km]

Δ	15. s	35. s	50. s	100. s	150. s	200. s	250. s	300. s	400. s	500. s	600. s	700. s
22												
24	5.1											
26	5.2											
28	5.2											
30	5.3											
32	5.3											
34	5.3											
36	5.4											
38	5.4											
40	5.4											
42	5.5											
44	5.5											
46	5.6											
48	5.6											
50	5.7											
52	5.7											
54	5.8	12.5										
56	5.8	12.6	15.9									
58	5.8	12.7	16.1									
60	5.9	12.8	16.3	27.7								
62	5.9	12.9	16.5	28.3	39.5							
64	6.0	13.0	16.7	28.8	40.5							
66	6.0	13.1	16.9	29.3	41.3	52.6						
68	6.0	13.2	17.1	29.7	42.1	53.9						
70	6.1	13.3	17.2	30.1	42.8	54.9	66.3					
72	6.1	13.4	17.4	30.5	43.4	55.9	67.7					
74	6.2	13.5	17.6	30.9	44.0	56.8	69.0	80.2				
76	6.2	13.6	17.7	31.3	44.6	57.7	70.2	81.9				
78	6.2	13.7	17.8	31.6	45.2	58.5	71.3	83.3				
80	6.3	13.8	18.0	32.0	45.7	59.2	72.3	84.7				
82	6.3	13.9	18.1	32.3	46.3	60.0	73.3	85.9	109.1			
84	6.3	13.9	18.3	32.6	46.8	60.7	74.2	87.1	111.1			
86	6.4	14.0	18.4	32.9	47.3	61.4	75.1	88.3	112.9			
88	6.4	14.1	18.5	33.2	47.7	62.0	76.0	89.4	114.5			
90	6.4	14.2	18.6	33.5	48.2	62.7	76.8	90.5	116.1	137.7		
92	6.4	14.3	18.8	33.8	48.7	63.3	77.7	91.5	117.7	140.0		
94	6.5	14.3	18.9	34.0	49.1	63.9	78.4	92.4	119.0	142.0		
96	6.5	14.3	18.9	34.1	49.3	64.2	78.8	93.0	119.9	143.4	164.4	
98	6.5	14.4	19.0	34.3	49.5	64.5	79.2	93.4	120.6	144.6	166.3	
100	6.5	14.4	19.1	34.4	49.7	64.8	79.6	93.9	121.2	145.4	167.5	

Summary Tables at Constant Range:

In order to aid seismic phase association we display the travel times for a wide range of phases at 2° intervals from 0 to 180° with source depths of 0, 100, 300, and 600 km at each range.

The phases displayed are:
P phases –

P, Pdiff, PP, PcP, PKP, PKiKP, PKKP, PKPPKP (P'P')
depth phases:
pP, pPdiff, pPKP, pPKiKP
sP, sPdiff, sPKP, sPKiKP

S phases –

S, Sdiff, SS, ScS, SKS, SKKS, SKSSKS (S'S')
depth phases:
sS, sSdiff, sSKS
pS, pSdiff, pSKS

Converted phases –

SP, ScP, SKP, SKKP
PS, PcS, PKS, PKKS

The various branches of the core phases are identified in the tables by lower case suffices.

ak135

Delta : 0.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pg	0	00.00	19.17	Pn	0	13.84	0.00	Pn	0	37.97	0.00	P	1	10.07	0.00
PgPg	0	00.00	19.17	Sn	0	24.16	0.00	S	1	08.13	0.00	S	2	07.17	0.00
Sg	0	00.00	32.14	PcP	8	17.85	0.00	PcP	7	53.72	0.00	PcP	7	21.62	0.00
SgSg	0	00.00	32.14	ScP	11	39.58	0.00	ScP	10	55.60	0.00	ScP	9	56.57	0.00
PcP	8	31.69	0.00	PcS	11	49.90	0.00	PcS	11	25.77	0.00	PcS	10	53.67	0.00
PcS	12	03.74	0.00	ScS	15	11.62	0.00	ScS	14	27.65	0.00	ScS	13	28.61	0.00
ScP	12	03.74	0.00	PKiKP	16	20.99	0.00	PKiKP	15	56.86	0.00	PKiKP	15	24.76	0.00
ScS	15	35.78	0.00	pPKiKP	16	48.66	0.00	pPKiKP	17	12.79	0.00	pPKiKP	17	44.89	0.00
PKiKP	16	34.82	0.00	sPKiKP	16	58.98	0.00	sPKiKP	17	42.96	0.00	SKiKP	17	59.70	0.00
SKiKP	20	06.87	0.00	SKiKP	19	42.71	0.00	SKiKP	18	58.74	0.00	sPKiKP	18	41.99	0.00
PKKPdf	31	53.37	0.00	PKKPdf	31	39.53	0.00	PKKPdf	31	15.40	0.00	PKKPdf	30	43.30	0.00
PKKSdf	35	25.41	0.00	SKKPdf	35	01.25	0.00	SKKPdf	34	17.28	0.00	SKKPdf	33	18.24	0.00
SKKPdf	35	25.41	0.00	PKKSdf	35	11.58	0.00	PKKSdf	34	47.45	0.00	PKKSdf	34	15.35	0.00
SKKSdf	38	57.46	0.00	SKKSdf	38	33.30	0.00	SKKSdf	37	49.33	0.00	SKKSdf	36	50.29	0.00
P’P’df	40	25.05	0.00	P’P’df	40	11.22	0.00	P’P’df	39	47.09	0.00	P’P’df	39	14.99	0.00
S’S’df	54	33.25	0.00	S’S’df	54	09.08	0.00	S’S’df	53	25.11	0.00	S’S’df	52	26.08	0.00

Delta : 2.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pn	0	35.03	13.75	Pn	0	32.54	12.90	Pn	0	46.73	7.91	P	1	14.22	4.01
Pb	0	37.24	17.05	sPg	0	54.91	19.17	S	1	23.96	14.30	S	2	14.74	7.32
Pg	0	38.34	19.17	sPn	0	55.66	13.75	PcP	7	53.92	0.20	PcP	7	21.83	0.20
PgPg	0	38.34	19.17	sPb	0	55.68	17.05	ScP	10	55.86	0.25	ScP	9	56.82	0.26
PbPb	0	40.37	17.05	Sn	0	57.38	23.05	PcS	11	26.03	0.26	PcS	10	53.94	0.26
PnPn	0	42.55	13.75	PcP	8	18.05	0.19	ScS	14	28.01	0.36	ScS	13	28.99	0.37
Sn	1	00.75	24.68	ScP	11	39.83	0.25	PKiKP	15	56.90	0.04	PKiKP	15	24.80	0.05
Sb	1	02.68	28.79	PcS	11	50.15	0.25	pPKiKP	17	12.83	0.04	pPKiKP	17	44.93	0.04
Sg	1	04.27	32.13	ScS	15	11.98	0.36	sPKiKP	17	43.00	0.04	SKiKP	17	59.75	0.05
SgSg	1	04.27	32.14	PKiKP	16	21.03	0.04	SKiKP	18	58.79	0.05	sPKiKP	18	42.04	0.04
SbSb	1	07.79	28.79	pPKiKP	16	48.70	0.04	PKKPdf	31	15.36	-0.04	PKKPdf	30	43.26	-0.04
SnSn	1	12.14	24.68	sPKiKP	16	59.03	0.04	SKKPdf	34	17.24	-0.04	SKKPdf	33	18.20	-0.04
PcP	8	31.88	0.19	SKiKP	19	42.76	0.05	PKKSdf	34	47.41	-0.04	PKKSdf	34	15.31	-0.04
ScP	12	03.99	0.25	PKKPdf	31	39.48	-0.04	SKKSdf	37	49.29	-0.04	SKKSdf	36	50.25	-0.04
PcS	12	03.99	0.25	SKKPdf	35	01.21	-0.04	P’P’df	39	47.03	-0.06	P’P’df	39	14.93	-0.06
ScS	15	36.14	0.35	PKKSdf	35	11.53	-0.04	S’S’df	53	25.07	-0.05	S’S’df	52	26.03	-0.05
PKiKP	16	34.87	0.04	SKKSdf	38	33.26	-0.04								
SKiKP	20	06.92	0.05	P’P’df	40	11.16	-0.06								
PKKPdf	31	53.32	-0.04	S’S’df	54	09.04	-0.05								
PKKSdf	35	25.37	-0.04												
SKKPdf	35	25.37	-0.04												
SKKSdf	38	57.42	-0.04												
P’P’df	40	25.00	-0.06												
S’S’df	54	33.20	-0.05												

Delta : 4.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pn	1	02.53	13.75	Pn	0	59.14	13.49	Pn	1	06.17	10.96	P	1	25.37	6.91
PnPn	1	10.05	13.75	sPn	1	23.17	13.75	sPn	1	58.95	13.75	S	2	35.10	12.62
Pb	1	11.34	17.05	sPb	1	29.78	17.05	sPg	1	59.02	19.17	PcP	7	22.43	0.40
PbPb	1	14.48	17.05	sPg	1	33.25	19.16	S	1	59.19	19.91	ScP	9	57.59	0.51
Pg	1	16.67	19.16	Sn	1	44.99	24.17	sPb	2	00.27	17.05	PcS	10	54.73	0.53
PgPg	1	16.68	19.17	PcP	8	18.62	0.39	PcP	7	54.51	0.39	ScS	13	30.10	0.74
Sn	1	50.10	24.67	ScP	11	40.58	0.50	ScP	10	56.61	0.50	PKiKP	15	24.94	0.09
Sb	2	00.26	28.78	PcS	11	50.90	0.50	PcS	11	26.79	0.51	pPKiKP	17	45.07	0.09
SnSn	2	01.50	24.68	ScS	15	13.05	0.71	ScS	14	29.10	0.72	SKiKP	17	59.89	0.10
SbSb	2	05.37	28.79	PKiKP	16	21.17	0.09	PKiKP	15	57.04	0.09	sPKiKP	18	42.17	0.09
Sg	2	08.52	32.12	pPKiKP	16	48.84	0.09	pPKiKP	17	12.97	0.09	PKKPdf	30	43.12	-0.09
SgSg	2	08.54	32.13	sPKiKP	16	59.16	0.09	sPKiKP	17	43.13	0.09	SKKPdf	33	18.08	-0.08
PcP	8	32.46	0.38	SKiKP	19	42.90	0.09	SKiKP	18	58.93	0.09	PKKSdf	34	15.18	-0.08
ScP	12	04.73	0.50	PKKPdf	31	39.35	-0.09	PKKPdf	31	15.22	-0.09	SKKSdf	36	50.13	-0.08
PcS	12	04.73	0.50	SKKPdf	35	01.08	-0.08	SKKPdf	34	17.11	-0.08	P’P’df	39	14.76	-0.11
ScS	15	37.20	0.71	PKKSdf	35	11.41	-0.08	PKKSdf	34	47.28	-0.08	S’S’df	52	25.90	-0.09
PKiKP	16	35.00	0.09	SKKSdf	38	33.14	-0.08	SKKSdf	37	49.17	-0.08				
SKiKP	20	07.06	0.09	P’P’df	40	10.99	-0.12	P’P’df	39	46.86	-0.11				
PKKPdf	31	53.19	-0.09	P’P’ab	43	47.18	-4.45	S’S’df	53	24.93	-0.09				
SKKPdf	35	25.24	-0.08	S’S’df	54	08.90	-0.09								
PKKSdf	35	25.24	-0.08												
SKKSdf	38	57.30	-0.08												
P’P’df	40	24.82	-0.12												
P’P’ab	44	00.40	-4.45												
S’S’df	54	33.06	-0.09												

Delta : 6.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pn	1	30.01	13.74	Pn	1	26.24	13.58	Pn	1	29.26	11.95	P	1	41.05	8.60
PnPn	1	37.56	13.75	sPn	1	50.66	13.74	sPn	2	26.46	13.75	S	3	03.74	15.71
Pb	1	45.42	17.03	sPb	2	03.87	17.04	sPb	2	34.38	17.05	sPn	3	09.79	13.75
PbPb	1	48.58	17.05	sPg	2	11.56	19.15	sPg	2	37.36	19.17	PcP	7	23.43	0.60
Pg	1	54.98	19.15	Sn	2	33.53	24.33	S	2	41.21	21.80	ScP	9	58.88	0.77
PgPg	1	55.02	19.16	PcP	8	19.59	0.58	PcP	7	55.48	0.58	PcS	10	56.04	0.79
Sn	2	39.41	24.64	ScP	11	41.82	0.75	ScP	10	57.87	0.75	ScS	13	31.95	1.11
SnSn	2	50.86	24.68	PcS	11	52.15	0.75	PcS	11	28.06	0.76	PKiKP	15	25.17	0.14
Sb	2	57.80	28.76	ScS	15	14.82	1.06	ScS	14	30.90	1.08	pPKiKP	17	45.29	0.13
SbSb	3	02.94	28.79	PKiKP	16	21.39	0.13	PKiKP	15	57.26	0.13	SKiKP	18	00.13	0.14
Sg	3	12.74	32.09	pPKiKP	16	49.06	0.13	pPKiKP	17	13.19	0.13	sPKiKP	18	42.39	0.13
SgSg	3	12.80	32.13	sPKiKP	16	59.39	0.13	sPKiKP	17	43.36	0.13	PKKPdf	30	42.90	-0.13
PcP	8	33.41	0.57	SKiKP	19	43.14	0.14	SKiKP	18	59.16	0.14	SKKPdf	33	17.87	-0.13
ScP	12	05.97	0.74	PKKPdf	31	39.13	-0.13	PKKPdf	31	15.00	-0.13	PKKSdf	34	14.97	-0.13
PcS	12	05.97	0.74	SKKPdf	35	00.87	-0.13	SKKPdf	34	16.90	-0.13	SKKSdf	36	49.93	-0.12
ScS	15	38.96	1.06	PKKSdf	35	11.20	-0.13	PKKSdf	34	47.07	-0.13	P’P’df	39	14.48	-0.17
PKiKP	16	35.23	0.13	SKKSdf	38	32.94	-0.12	SKKSdf	37	48.97	-0.12	P’P’ab	42	46.24	-4.45
SKiKP	20	07.30	0.14	P’P’df	40	10.70	-0.17	P’P’df	39	46.57	-0.17	S’S’df	52	25.67	-0.14
PKKPdf	31	52.97	-0.13	P’P’ab	43	38.28	-4.45	P’P’ab	43	15.61	-4.45				
SKKPdf	35	25.03	-0.13	S’S’df	54	08.68	-0.14	S’S’df	53	24.71	-0.14				
PKKSdf	35	25.03	-0.13												
SKKSdf	38	57.10	-0.12												
P’P’df	40	24.53	-0.17												
P’P’ab	43	51.51	-4.45												
S’S’df	54	32.84	-0.14												

Delta : 8.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pn	1	57.47	13.72	Pn	1	53.42	13.60	Pn	1	53.52	12.25	P	1	59.23	9.48
PnPn	2	05.06	13.75	sPn	2	18.12	13.73	sPn	2	53.94	13.74	S	3	36.98	17.34
Pb	2	19.47	17.02	sPb	2	37.94	17.03	sPb	3	08.47	17.04	sPn	3	37.30	13.75
PbPb	2	22.67	17.05	sPg	2	49.85	19.14	sPg	3	15.69	19.16	PcP	7	24.83	0.80
Pg	2	33.25	19.12	Sn	3	22.21	24.35	S	3	25.60	22.48	ScP	10	00.66	1.02
PgPg	2	33.34	19.16	PcP	8	20.93	0.77	PcP	7	56.84	0.78	PcS	10	57.88	1.04
Sn	3	28.65	24.60	ScP	11	43.56	0.99	ScP	10	59.62	1.00	ScS	13	34.52	1.47
SnSn	3	40.21	24.67	PcS	11	53.89	0.99	PcS	11	29.84	1.01	PKiKP	15	25.48	0.18
Sb	3	55.29	28.73	ScS	15	17.30	1.41	ScS	14	33.41	1.43	pPKiKP	17	45.60	0.18
SbSb	4	00.51	28.78	PKiKP	16	21.70	0.18	PKiKP	15	57.58	0.18	SKiKP	18	00.46	0.19
Sg	4	16.89	32.06	pPKiKP	16	49.37	0.18	pPKiKP	17	13.50	0.18	sPKiKP	18	42.70	0.18
SgSg	4	17.05	32.12	sPKiKP	16	59.70	0.18	sPKiKP	17	43.67	0.18	PKKPdf	30	42.60	-0.18
PcP	8	34.75	0.76	SKiKP	19	43.47	0.19	SKiKP	18	59.50	0.19	SKKPdf	33	17.57	-0.17
ScP	12	07.70	0.99	PKKPdf	31	38.82	-0.18	PKKPdf	31	14.69	-0.18	PKKSdf	34	14.68	-0.17
PcS	12	07.70	0.99	SKKPdf	35	00.58	-0.17	SKKPdf	34	16.61	-0.17	SKKSdf	36	49.65	-0.16
ScS	15	41.43	1.41	PKKSdf	35	10.90	-0.17	PKKSdf	34	46.77	-0.17	P’P’df	39	14.08	-0.23
PKiKP	16	35.54	0.18	SKKSdf	38	32.66	-0.16	SKKSdf	37	48.69	-0.16	P’P’ab	42	37.35	-4.45
SKiKP	20	07.63	0.19	P’P’df	40	10.30	-0.23	P’P’df	39	46.17	-0.23	S’S’df	52	25.35	-0.18
PKKPdf	31	52.65	-0.18	P’P’ab	43	29.39	-4.44	P’P’ab	43	06.72	-4.45				
SKKPdf	35	24.74	-0.17	S’S’df	54	08.36	-0.18	S’S’df	53	24.39	-0.18				
PKKSdf	35	24.74	-0.17												
SKKSdf	38	56.82	-0.16												
P’P’df	40	24.13	-0.23												
P’P’ab	43	42.62	-4.44												
S’S’df	54	32.52	-0.18												

Delta : 10.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pn	2	24.90	13.70	Pn	2	20.62	13.59	Pn	2	18.07	12.26	P	2	18.66	9.90
PnPn	2	32.55	13.74	sPn	2	45.56	13.71	P	2	21.64	11.12	sPn	4	04.79	13.74
PbPb	2	56.76	17.04	sPg	3	28.10	19.11	sPn	3	21.40	13.72	S	4	12.52	18.09
PgPg	3	11.65	19.15	Sn	4	10.88	24.32	sPb	3	42.53	17.03	sPb	4	14.15	17.05
Sn	4	17.80	24.55	PcP	8	22.65	0.95	sPg	3	53.99	19.14	PcP	7	26.61	0.99
SnSn	4	29.53	24.66	ScP	11	45.78	1.23	S	4	10.79	22.65	ScP	10	02.94	1.26
SbSb	4	58.06	28.77	PcS	11	56.12	1.23	S	4	18.64	20.48	PcS	11	00.22	1.30
SgSg	5	21.27	32.11	ScS	15	20.48	1.76	PcP	7	58.59	0.97	ScS	13	37.82	1.83
PcP	8	36.46	0.95	PKiKP	16	22.11	0.22	ScP	11	01.87	1.24	PKiKP	15	25.89	0.23
PcS	12	09.91	1.23	pPKiKP	16	49.78	0.22	PcS	11	32.10	1.26	pPKiKP	17	45.99	0.22
ScP	12	09.91	1.23	sPKiKP	17	00.10	0.22	ScS	14	36.63	1.78	SKiKP	18	00.89	0.24
ScS	15	44.58	1.75	SKiKP	19	43.89	0.24	PKiKP	15	57.98	0.22	sPKiKP	18	43.10	0.22
PKiKP	16	35.94	0.22	PKKPdf	31	38.42	-0.22	pPKiKP	17	13.90	0.22	PKKPdf	30	42.20	-0.22
SKiKP	20	08.05	0.24	SKKPdf	35	00.20	-0.21	sPKiKP	17	44.07	0.22	SKKPdf	33	17.19	-0.21
PKKPdf	31	52.26	-0.22	PKKSdf	35	10.52	-0.21	SKiKP	18	59.92	0.24	PKKSdf	34	14.30	-0.21
SKKPdf	35	24.36	-0.21	SKKSdf	38	32.30	-0.20	PKKPdf	31	14.29	-0.22	SKKSdf	36	49.29	-0.20
PKKSdf	35	24.36	-0.21	P’P’df	40	09.78	-0.29	SKKPdf	34	16.23	-0.21	P’P’df	39	13.56	-0.28
SKKSdf	38	56.46	-0.20	P’P’ab	43	20.50	-4.44	PKKSdf	34	46.40	-0.21	P’P’ab	42	28.45	-4.44
P’P’df	40	23.61	-0.29	S’S’df	54	07.95	-0.23	SKKSdf	37	48.33	-0.20	S’S’df	52	24.95	-0.23
P’P’ab	43	33.73	-4.44					P’P’df	39	45.65	-0.29				
S’S’df	54	32.11	-0.23					P’P’ab	42	57.83	-4.44				
								S’S’df	53	23.98	-0.23				

Delta : 12.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pn	2	52.27	13.67	Pn	2	47.59	13.28	Pn	2	42.47	12.12	P	2	38.64	10.05
PnPn	3	00.03	13.74	Pn	2	47.79	13.57	P	2	43.85	11.09	P	2	40.42	9.23
PbPb	3	30.84	17.03	sPn	3	12.95	13.68	sPn	3	48.82	13.70	sPn	4	32.26	13.73
PgPg	3	49.95	19.15	Sn	4	59.47	24.26	sPg	4	32.25	19.12	sPb	4	48.24	17.04
Sn	5	06.83	24.48	PcP	8	24.74	1.14	S	4	55.99	22.52	S	4	49.03	18.36
SnSn	5	18.83	24.64	ScP	11	48.47	1.47	S	4	59.57	20.43	S	4	51.72	16.69
SbSb	5	55.59	28.76	PcS	11	58.83	1.47	PcP	8	00.71	1.15	PcP	7	28.79	1.18
SgSg	6	25.47	32.09	ScS	15	24.33	2.10	ScP	11	04.59	1.48	ScP	10	05.71	1.50
PcP	8	38.54	1.13	PKiKP	16	22.60	0.27	PcS	11	34.86	1.50	PcS	11	03.06	1.54
PcS	12	12.60	1.46	pPKiKP	16	50.27	0.27	ScS	14	40.54	2.13	ScS	13	41.83	2.18
ScP	12	12.60	1.46	sPKiKP	17	00.59	0.27	PKiKP	15	58.47	0.27	PKiKP	15	26.38	0.27
ScS	15	48.42	2.09	SKiKP	19	44.41	0.28	pPKiKP	17	14.39	0.27	pPKiKP	17	46.48	0.26
PKiKP	16	36.43	0.27	PKKPdf	31	37.93	-0.27	sPKiKP	17	44.56	0.27	SKiKP	18	01.41	0.28
SKiKP	20	08.57	0.28	SKKPdf	34	59.74	-0.25	SKiKP	19	00.44	0.28	sPKiKP	18	43.59	0.27
PKKPdf	31	51.77	-0.27	PKKSdf	35	10.06	-0.25	PKKPdf	31	13.81	-0.27	PKKPdf	30	41.72	-0.26
SKKPdf	35	23.89	-0.25	SKKSdf	38	31.86	-0.24	SKKPdf	34	15.77	-0.25	SKKPdf	33	16.73	-0.25
PKKSdf	35	23.89	-0.25	P’P’df	40	09.14	-0.35	PKKSdf	34	45.94	-0.25	PKKSdf	34	13.84	-0.25
SKKSdf	38	56.01	-0.24	P’P’ab	43	11.62	-4.44	SKKSdf	37	47.89	-0.24	SKKSdf	36	48.85	-0.24
P’P’df	40	22.98	-0.35	S’S’df	54	07.46	-0.27	P’P’df	39	45.02	-0.34	P’P’df	39	12.94	-0.34
P’P’ab	43	24.84	-4.44					P’P’ab	42	48.94	-4.44	P’P’ab	42	19.57	-4.44
S’S’df	54	31.61	-0.27					S’S’df	53	23.49	-0.27	S’S’df	52	24.45	-0.27

Delta : 14.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pn	3	19.59	13.64	Pn	3	13.83	12.93	P	3	05.98	11.03	P	2	58.78	10.06
PnPn	3	27.49	13.73	P	3	18.53	11.11	Pn	3	06.51	11.90	P	2	58.86	9.21
PbPb	4	04.90	17.03	sPn	3	40.28	13.65	sPn	4	16.19	13.67	sPn	4	59.69	13.71
PgPg	4	28.23	19.14	Sn	5	47.93	24.20	S	5	40.30	20.28	sPb	5	22.32	17.03
Sn	5	55.70	24.40	S	6	02.57	20.47	S	5	40.74	22.20	S	5	25.01	16.58
SnSn	6	08.09	24.62	PcP	8	27.20	1.32	PcP	8	03.20	1.34	S	5	25.75	18.33
SbSb	6	53.10	28.75	ScP	11	51.64	1.70	ScP	11	07.78	1.71	PcP	7	31.34	1.37
SgSg	7	29.64	32.08	PcS	12	02.00	1.70	PcS	11	38.08	1.73	ScP	10	08.96	1.74
PcP	8	40.98	1.31	ScS	15	28.87	2.43	ScS	14	45.13	2.46	PcS	11	06.39	1.78
PcS	12	15.75	1.69	PKiKP	16	23.18	0.31	PKiKP	15	59.06	0.31	ScS	13	46.54	2.53
ScP	12	15.75	1.69	pPKiKP	16	50.85	0.31	pPKiKP	17	14.97	0.31	PKiKP	15	26.97	0.32
ScS	15	52.93	2.42	sPKiKP	17	01.17	0.31	sPKiKP	17	45.14	0.31	pPKiKP	17	47.05	0.31
PKiKP	16	37.01	0.31	SKiKP	19	45.02	0.33	SKiKP	19	01.06	0.33	SKiKP	18	02.03	0.33
SKiKP	20	09.18	0.33	PKKPdf	31	37.36	-0.31	PKKPdf	31	13.23	-0.31	sPKiKP	18	44.17	0.31
PKKPdf	31	51.19	-0.31	SKKPdf	34	59.19	-0.29	SKKPdf	34	15.22	-0.29	PKKPdf	30	41.15	-0.31
SKKPdf	35	23.35	-0.29	PKKSdf	35	09.51	-0.29	PKKSdf	34	45.39	-0.29	SKKPdf	33	16.19	-0.29
PKKSdf	35	23.35	-0.29	SKKSdf	38	31.33	-0.28	SKKSdf	37	47.37	-0.28	PKKSdf	34	13.30	-0.29
SKKSdf	38	55.49	-0.28	P’P’df	40	08.39	-0.40	P’P’df	39	44.28	-0.40	SKKSdf	36	48.33	-0.28
P’P’df	40	22.23	-0.40	P’P’ab	43	02.73	-4.44	P’P’ab	42	40.06	-4.44	P’P’df	39	12.20	-0.40
P’P’ab	43	15.96	-4.44	S’S’df	54	06.87	-0.32	S’S’df	53	22.90	-0.32	P’P’ab	42	10.68	-4.44
S’S’df	54	31.03	-0.32									S’S’df	52	23.87	-0.31

Delta : 16.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pn	3	46.37	12.94	Pn	3	39.17	12.43	P	3	27.93	10.91	P	3	17.24	9.17
Pn	3	46.85	13.61	P	3	40.72	11.07	Pn	3	30.02	11.61	P	3	18.85	9.99
Pn	3	46.92	13.53	pP	3	59.29	11.11	P	3	34.74	9.24	sPn	5	27.08	13.68
P	3	50.01	11.10	sPn	4	07.40	13.10	sPn	4	43.51	13.64	sPb	5	56.37	17.01
PnPn	3	54.95	13.72	sPn	4	07.56	13.62	sPn	4	43.83	13.39	S	5	57.99	16.37
PbPb	4	38.95	17.02	sPn	4	07.68	13.51	sP	4	50.77	11.11	S	6	02.22	18.12
PgPg	5	06.50	19.12	sP	4	11.94	11.11	S	6	20.59	19.99	PcP	7	34.26	1.55
Sn	6	44.41	24.30	Sn	6	36.25	24.12	S	6	24.72	21.76	ScP	10	12.66	1.97
SnSn	6	57.31	24.60	S	6	43.44	20.38	S	6	31.71	16.70	PcS	11	10.19	2.02
S	6	58.66	20.45	sS	7	13.82	20.48	PcP	8	06.05	1.51	ScS	13	51.93	2.86
SbSb	7	50.58	28.73	PcP	8	30.01	1.50	ScP	11	11.43	1.94	PKiKP	15	27.64	0.36
SgSg	8	33.78	32.06	ScP	11	55.25	1.92	PcS	11	41.77	1.96	pPKiKP	17	47.72	0.35
PcP	8	43.78	1.49	PcS	12	05.62	1.92	ScS	14	50.39	2.80	SKiKP	18	02.74	0.38
ScP	12	19.35	1.91	ScS	15	34.06	2.76	PKiKP	15	59.73	0.36	sPKiKP	18	44.83	0.35
PcS	12	19.35	1.91	PKiKP	16	23.85	0.36	pPKiKP	17	15.63	0.35	PKKPdf	30	40.49	-0.35
ScS	15	58.09	2.74	pPKiKP	16	51.51	0.36	sPKiKP	17	45.81	0.36	SKKPdf	33	15.56	-0.34
PKiKP	16	37.68	0.36	sPKiKP	17	01.84	0.36	SKiKP	19	01.76	0.38	PKKSdf	34	12.68	-0.33
SKiKP	20	09.89	0.38	SKiKP	19	45.73	0.38	PKKPdf	31	12.57	-0.35	SKKSdf	36	47.74	-0.32
PKKPdf	31	50.52	-0.35	PKKPdf	31	36.69	-0.35	SKKPdf	34	14.59	-0.34	P’P’df	39	11.35	-0.45
PKKSdf	35	22.72	-0.34	SKKPdf	34	58.56	-0.34	PKKSdf	34	44.76	-0.34	P’P’ab	42	01.80	-4.44
SKKPdf	35	22.72	-0.34	PKKSdf	35	08.88	-0.34	SKKSdf	37	46.76	-0.32	S’S’df	52	23.20	-0.36
SKKSdf	38	54.89	-0.32	SKKSdf	38	30.73	-0.32	P’P’df	39	43.42	-0.46				
P’P’df	40	21.36	-0.46	P’P’df	40	07.53	-0.46	P’P’ab	42	31.18	-4.44				
P’P’ab	43	07.08	-4.44	P’P’ab	42	53.86	-4.44	S’S’df	53	22.22	-0.36				
S’S’df	54	30.35	-0.36	S’S’df	54	06.19	-0.36								

Delta : 18.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pn	4	11.57	12.33	P	4	02.77	10.97	P	3	49.57	10.73	P	3	35.51	9.10
P	4	12.15	11.03	Pn	4	03.60	12.01	P	3	53.19	9.22	P	3	38.70	9.85
P	4	21.08	9.24	P	4	10.16	9.24	sPn	5	10.13	12.83	sPn	5	54.42	13.65
PnPn	4	22.38	13.71	pPn	4	18.92	12.94	sPn	5	10.76	13.61	sP	6	02.37	11.11
PgPg	5	44.73	19.11	pPn	4	19.07	13.46	sPn	5	10.82	13.53	S	6	30.50	16.14
Sn	7	32.92	24.21	pP	4	21.48	11.07	sP	5	12.98	11.08	S	6	38.16	17.80
S	7	39.44	20.31	sPn	4	32.92	12.44	S	7	00.15	19.56	PcP	7	37.54	1.73
SnSn	7	46.48	24.57	sP	4	34.11	11.05	S	7	05.04	16.61	ScP	10	16.82	2.19
S	7	54.97	16.72	S	7	24.01	20.15	PcP	8	09.25	1.69	PcS	11	14.45	2.24
PcP	8	46.93	1.66	S	7	24.24	22.74	ScP	11	15.52	2.15	ScS	13	57.99	3.19
SgSg	9	37.88	32.04	Sn	7	24.38	24.02	PcS	11	45.90	2.17	PKiKP	15	28.41	0.40
ScP	12	23.39	2.13	S	7	24.85	23.78	ScS	14	56.31	3.12	pPKiKP	17	48.46	0.40
PcS	12	23.39	2.13	S	7	36.27	16.70	PKiKP	16	00.49	0.40	SKiKP	18	03.54	0.42
ScS	16	03.90	3.06	sS	7	54.72	20.41	pPKiKP	17	16.39	0.40	sPKiKP	18	45.58	0.40
PKiKP	16	38.44	0.40	sS	8	13.67	16.72	sPKiKP	17	46.56	0.40	PKKPdf	30	39.74	-0.39
SKiKP	20	10.68	0.42	PcP	8	33.18	1.67	SKiKP	19	02.56	0.42	SKKPdf	33	14.85	-0.38
PKKPdf	31	49.77	-0.40	ScP	11	59.31	2.14	PKKPdf	31	11.82	-0.40	PKKSdf	34	11.97	-0.38
SKKPdf	35	22.00	-0.38	PcS	12	09.69	2.14	SKKPdf	34	13.87	-0.38	SKKSdf	36	47.06	-0.36
PKKSdf	35	22.00	-0.38	ScS	15	39.90	3.08	PKKSdf	34	44.05	-0.38	P’P’df	39	10.38	-0.51
SKKSdf	38	54.21	-0.36	PKiKP	16	24.60	0.40	SKKSdf	37	46.08	-0.36	P’P’ab	41	52.92	-4.44
P’P’df	40	20.38	-0.52	pPKiKP	16	52.27	0.40	P’P’df	39	42.44	-0.52	S’S’df	52	22.43	-0.40
P’P’ab	42	58.21	-4.44	sPKiKP	17	02.59	0.40	P’P’ab	42	22.30	-4.44				
S’S’df	54	29.58	-0.41	SKiKP	19	46.53	0.42	S’S’df	53	21.46	-0.41				
				PKKPdf	31	35.94	-0.40								
				SKKPdf	34	57.84	-0.38								
				PKKSdf	35	08.17	-0.38								
				SKKSdf	38	30.05	-0.36								
				P’P’df	40	06.55	-0.52								
				P’P’ab	42	44.98	-4.44								
				S’S’df	54	05.42	-0.41								

Delta : 20.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	4	34.10	10.90	P	4	24.56	10.81	P	4	10.81	10.50	P	3	53.63	9.02
Pn	4	35.76	11.86	Pn	4	27.18	11.57	P	4	11.60	9.18	sPn	6	21.44	13.00
P	4	39.55	9.23	P	4	28.62	9.22	pP	4	56.17	11.10	sPn	6	21.69	13.62
PnPn	4	49.79	13.70	pP	4	43.54	10.98	sP	5	35.07	11.00	sPn	6	21.81	13.51
S	8	19.77	20.00	pPn	4	43.93	12.20	sPn	5	35.13	12.23	sP	6	24.57	11.08
Sn	8	21.23	24.10	pPn	4	46.05	13.52	sP	5	42.68	9.23	S	7	02.40	15.81
S	8	21.58	22.65	pP	4	50.47	9.23	S	7	38.06	16.39	PcP	7	41.17	1.90
S	8	22.06	23.61	sP	4	56.11	10.93	S	7	38.76	19.04	ScP	10	21.40	2.40
S	8	28.35	16.65	sPn	4	57.33	11.97	SPg	7	38.80	19.17	PcS	11	19.14	2.45
SnSn	8	35.60	24.55	sP	5	02.19	9.23	PcP	8	12.80	1.86	ScS	14	04.69	3.51
PcP	8	50.41	1.83	S	8	03.94	19.75	sS	8	57.74	20.46	PKiKP	15	29.26	0.45
ScP	12	27.85	2.34	S	8	08.90	21.94	sS	9	18.23	16.72	pPKiKP	17	49.30	0.44
PcS	12	27.85	2.34	S	8	09.58	16.59	ScP	11	20.03	2.36	SKiKP	18	04.43	0.47
ScS	16	10.33	3.37	Sn	8	12.32	23.91	PcS	11	50.46	2.39	sPKiKP	18	46.42	0.44
PKiKP	16	39.28	0.44	sS	8	35.35	20.20	ScS	15	02.86	3.43	PKKPdf	30	38.91	-0.44
SKiKP	20	11.57	0.47	PcP	8	36.68	1.84	PKiKP	16	01.33	0.45	SKKPdf	33	14.05	-0.42
PKKPdf	31	48.93	-0.44	sS	8	47.09	16.68	pPKiKP	17	17.22	0.44	PKKSdf	34	11.18	-0.42
SKKPdf	35	21.20	-0.42	ScP	12	03.79	2.34	sPKiKP	17	47.40	0.44	SKKSdf	36	46.30	-0.40
PKKSdf	35	21.20	-0.42	PcS	12	14.18	2.35	SKiKP	19	03.45	0.47	P’P’df	39	09.30	-0.57
SKKSdf	38	53.45	-0.40	ScS	15	46.37	3.39	PKKPdf	31	10.98	-0.44	P’P’ab	41	44.04	-4.44
P’P’df	40	19.29	-0.58	PKiKP	16	25.45	0.44	SKKPdf	34	13.08	-0.42	S’S’df	52	21.58	-0.45
P’P’ab	42	49.34	-4.43	pPKiKP	16	53.11	0.44	PKKSdf	34	43.25	-0.42				
S’S’df	54	28.72	-0.45	sPKiKP	17	03.44	0.44	SKKSdf	37	45.32	-0.40				
				SKiKP	19	47.42	0.47	P’P’df	39	41.36	-0.57				
				PKKPdf	31	35.10	-0.44	P’P’ab	42	13.43	-4.43				
				SKKPdf	34	57.04	-0.42	S’S’df	53	20.60	-0.45				
				PKKSdf	35	07.37	-0.42								
				SKKSdf	38	29.29	-0.40								
				P’P’df	40	05.46	-0.57								
				P’P’ab	42	36.11	-4.43								
				S’S’df	54	04.56	-0.45								

Delta : 22.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	4	55.71	10.70	P	4	45.96	10.58	P	4	29.90	9.12	P	4	11.54	8.90
P	4	57.97	9.19	P	4	47.02	9.18	P	4	31.55	10.24	sPn	6	46.65	12.29
PnPn	5	17.18	13.69	pP	5	05.34	10.81	pP	5	18.32	11.04	sP	6	46.66	10.99
PcP	8	54.23	1.99	pPn	5	07.80	11.68	pP	5	25.90	9.23	sP	6	53.71	9.23
S	8	59.30	19.50	pP	5	08.92	9.21	sP	5	56.93	10.84	S	7	33.95	15.75
S	9	01.49	16.47	pPn	5	13.08	13.60	sPn	5	59.10	11.74	PcP	7	45.13	2.07
S	9	05.93	21.74	pPn	5	13.12	13.55	sP	6	01.14	9.21	ScP	10	26.40	2.60
Sn	9	09.31	23.98	sP	5	17.80	10.74	S	8	10.59	16.13	PcS	11	24.25	2.66
SnSn	9	24.66	24.51	sP	5	20.63	9.20	S	8	16.25	18.45	ScS	14	12.02	3.82
ScP	12	32.72	2.54	PcP	8	40.52	2.00	PcP	8	16.68	2.02	PKiKP	15	30.20	0.49
PcS	12	32.72	2.54	S	8	42.56	16.36	SPg	8	17.14	19.17	pPKiKP	17	50.22	0.48
ScS	16	17.38	3.67	S	8	42.91	19.20	sS	9	38.57	20.34	SKiKP	18	05.42	0.52
PKiKP	16	40.21	0.49	sS	9	15.37	19.79	sS	9	51.64	16.68	sPKiKP	18	47.35	0.48
SKiKP	20	12.56	0.51	sSn	9	17.90	24.23	ScP	11	24.96	2.56	PKKPdf	30	37.99	-0.48
PKKPdf	31	48.00	-0.49	sSn	9	17.95	24.34	PcS	11	55.43	2.59	SKKPdf	33	13.17	-0.46
SKKPdf	35	20.32	-0.46	sS	9	18.90	22.50	ScS	15	10.02	3.73	PKKSdf	34	10.30	-0.46
PKKSdf	35	20.32	-0.46	sS	9	19.33	23.52	PKiKP	16	02.27	0.49	SKKSdf	36	45.46	-0.44
SKKSdf	38	52.61	-0.44	sS	9	20.34	16.55	pPKiKP	17	18.15	0.48	P’P’df	39	08.11	-0.62
P’P’df	40	18.08	-0.63	ScP	12	08.68	2.54	sPKiKP	17	48.33	0.49	P’P’ab	41	35.17	-4.43
P’P’ab	42	40.48	-4.43	PcS	12	19.09	2.55	SKiKP	19	04.44	0.51	S’S’df	52	20.64	-0.49
S’S’df	54	27.77	-0.50	ScS	15	53.45	3.69	PKKPdf	31	10.06	-0.48				
				PKiKP	16	26.38	0.49	SKKPdf	34	12.20	-0.46				
				pPKiKP	16	54.04	0.49	PKKSdf	34	42.37	-0.46				
				sPKiKP	17	04.37	0.49	SKKSdf	37	44.49	-0.44				
				SKiKP	19	48.40	0.51	P’P’df	39	40.16	-0.63				
				PKKPdf	31	34.17	-0.49	P’P’ab	42	04.57	-4.43				
				SKKPdf	34	56.16	-0.46	S’S’df	53	19.66	-0.50				
				PKKSdf	35	06.49	-0.46								
				SKKSdf	38	28.45	-0.44								
				P’P’df	40	04.26	-0.63								
				P’P’ab	42	27.25	-4.43								
				S’S’df	54	03.62	-0.50								

Delta : 24.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	5	16.31	9.14	P	5	05.31	9.11	P	4	48.05	9.03	P	4	29.28	8.84
P	5	16.84	10.43	P	5	06.84	10.30	P	4	51.75	9.96	sP	7	08.49	10.83
PnPn	5	44.54	13.67	pP	5	26.72	10.56	pP	5	40.27	10.89	sPn	7	10.70	11.76
PcP	8	58.37	2.15	pP	5	27.29	9.16	pP	5	44.34	9.21	sP	7	12.15	9.21
S	9	34.14	16.19	sP	5	38.98	9.15	PP	5	49.43	11.12	PcP	7	49.43	2.23
S	9	37.68	18.87	sP	5	39.04	10.49	sP	6	18.40	10.61	S	8	05.40	15.69
SPg	9	37.82	19.17	pPn	5	40.27	13.60	sP	6	19.53	9.17	ScP	10	31.80	2.79
PgS	9	37.82	19.17	PcP	8	44.67	2.16	PcP	8	20.88	2.18	PcS	11	29.77	2.85
Sn	9	57.13	23.85	S	9	15.02	16.09	S	8	42.44	15.80	ScS	14	19.95	4.12
SnSn	10	13.65	24.48	S	9	20.67	18.55	S	8	52.52	17.81	PKiKP	15	31.23	0.54
ScP	12	37.99	2.73	SPg	9	21.25	19.17	SPg	8	55.46	19.16	pPKiKP	17	51.23	0.52
PcS	12	37.99	2.73	sS	9	53.19	16.29	sS	10	18.96	20.01	SKiKP	18	06.50	0.56
ScS	16	25.01	3.96	sS	9	54.39	19.20	sS	10	24.87	16.53	sPKiKP	18	48.36	0.53
PKiKP	16	41.23	0.53	sS	10	02.83	21.47	ScP	11	30.28	2.76	PKKPdf	30	36.98	-0.53
SKiKP	20	13.63	0.56	sSn	10	06.20	24.07	PcS	12	00.80	2.78	SKKPdf	33	12.21	-0.50
PKKPdf	31	46.98	-0.53	SnSn	10	06.64	24.34	ScS	15	17.79	4.03	PKKSdf	34	09.34	-0.50
PKKSdf	35	19.35	-0.50	ScP	12	13.96	2.73	PKiKP	16	03.29	0.53	SKKSdf	36	44.55	-0.48
SKKPdf	35	19.35	-0.50	PcS	12	24.38	2.74	pPKiKP	17	19.16	0.53	P’P’df	39	06.81	-0.68
SKKSdf	38	51.69	-0.48	ScS	16	01.13	3.98	sPKiKP	17	49.34	0.53	P’P’ab	41	26.31	-4.43
P’P’df	40	16.76	-0.69	PKiKP	16	27.40	0.53	SKiKP	19	05.51	0.56	S’S’df	52	19.60	-0.54
P’P’ab	42	31.63	-4.42	pPKiKP	16	55.05	0.53	PKKPdf	31	09.04	-0.53				
S’S’df	54	26.74	-0.54	sPKiKP	17	05.38	0.53	SKKPdf	34	11.23	-0.50				
				SKiKP	19	49.47	0.56	PKKSdf	34	41.41	-0.50				
				PKKPdf	31	33.15	-0.53	SKKSdf	37	43.57	-0.48				
				SKKPdf	34	55.19	-0.50	P’P’df	39	38.84	-0.68				
				PKKSdf	35	05.52	-0.50	P’P’ab	41	55.71	-4.43				
				SKKSdf	38	27.53	-0.48	S’S’df	53	18.62	-0.54				
				P’P’df	40	02.94	-0.69								
				P’P’ab	42	18.40	-4.42								
				S’S’df	54	02.58	-0.54								

Delta : 26.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	5	34.50	9.06	P	5	23.45	9.02	P	5	05.99	8.91	P	4	46.89	8.78
P	5	37.41	10.13	P	5	27.14	9.99	pP	6	01.83	10.66	pP	6	20.22	9.24
PnPn	6	11.88	13.66	pP	5	45.54	9.09	pP	6	02.71	9.16	sP	7	29.92	10.59
PcP	9	02.81	2.30	pP	5	47.56	10.26	pPn	6	04.97	11.66	sP	7	30.52	9.16
S	10	06.14	15.81	sP	5	57.21	9.07	pPn	6	05.12	12.21	PcP	7	54.04	2.38
S	10	14.74	18.17	sP	5	59.72	10.19	PP	6	11.66	11.11	S	8	36.71	15.61
SPg	10	16.16	19.17	PnPn	6	07.47	13.60	sP	6	37.81	9.10	ScP	10	37.57	2.98
PgS	10	16.16	19.17	PnPn	6	07.58	13.34	sP	6	39.35	10.33	sS	11	31.64	16.69
SnSn	11	02.57	24.44	PnPn	6	07.68	13.50	PcP	8	25.39	2.33	PcS	11	35.65	3.04
PcS	12	43.62	2.91	PcP	8	49.14	2.31	S	9	13.97	15.74	ScS	14	28.47	4.40
ScP	12	43.62	2.91	S	9	46.78	15.79	SPg	9	33.76	19.14	PKiKP	15	32.34	0.58
ScS	16	33.22	4.24	S	9	57.09	17.85	sS	10	57.67	16.26	pPKiKP	17	52.32	0.57
PKiKP	16	42.33	0.57	SPg	9	59.58	19.16	sS	10	58.42	19.41	SKiKP	18	07.67	0.61
SKiKP	20	14.79	0.60	sS	10	25.47	15.90	SS	11	17.31	20.47	sPKiKP	18	49.46	0.57
PKKPdf	31	45.88	-0.57	sS	10	32.09	18.50	ScP	11	35.97	2.94	PKKPdf	30	35.89	-0.57
PKKSdf	35	18.30	-0.55	sSn	10	54.19	23.92	PcS	12	06.54	2.96	SKKPdf	33	11.17	-0.54
SKKPdf	35	18.30	-0.55	SnSn	10	55.29	24.31	ScS	15	26.13	4.31	PKKSdf	34	08.30	-0.54
SKKSdf	38	50.69	-0.52	ScP	12	19.61	2.92	PKiKP	16	04.40	0.58	SKKSdf	36	43.55	-0.52
P’P’df	40	15.33	-0.74	PcS	12	30.05	2.92	pPKiKP	17	20.26	0.57	P’P’df	39	05.39	-0.73
P’P’ab	42	22.79	-4.42	ScS	16	09.38	4.26	sPKiKP	17	50.44	0.57	P’P’ab	41	17.46	-4.42
S’S’df	54	25.61	-0.59	PKiKP	16	28.50	0.57	SKiKP	19	06.68	0.61	S’S’df	52	18.48	-0.58
				pPKiKP	16	56.16	0.57	PKKPdf	31	07.94	-0.57				
				sPKiKP	17	06.48	0.57	SKKPdf	34	10.18	-0.54				
				SKiKP	19	50.64	0.60	PKKSdf	34	40.36	-0.54				
				PKKPdf	31	32.05	-0.57	SKKSdf	37	42.57	-0.52				
				SKKPdf	34	54.14	-0.55	P’P’df	39	37.42	-0.74				
				PKKSdf	35	04.47	-0.55	P’P’ab	41	46.87	-4.42				
				SKKSdf	38	26.53	-0.52	S’S’df	53	17.50	-0.58				
				P’P’df	40	01.51	-0.74								
				P’P’ab	42	09.56	-4.42								
				S’S’df	54	01.46	-0.59								

Delta : 28.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	5	52.50	8.93	P	5	41.35	8.90	P	5	23.73	8.84	P	5	04.36	8.68
P	5	57.33	9.78	pP	6	03.62	8.98	pP	6	20.95	9.08	pP	6	38.67	9.22
PnPn	6	39.18	13.64	pP	6	07.77	9.94	pP	6	22.84	10.34	sP	7	48.76	9.08
PcP	9	07.55	2.44	sP	6	15.24	8.95	PnPn	6	29.65	12.27	sP	7	50.80	10.28
S	10	37.69	15.75	sP	6	19.77	9.85	PP	6	33.86	11.10	PcP	7	58.95	2.53
SPg	10	54.48	19.15	PnPn	6	34.10	13.17	sP	6	55.93	9.01	S	9	07.81	15.49
PgS	10	54.48	19.15	PnPn	6	34.66	13.59	sP	6	59.68	10.01	ScP	10	43.69	3.15
SnSn	11	51.41	24.40	PnPn	6	34.71	13.53	PcP	8	30.21	2.48	PcS	11	41.90	3.21
PcS	12	49.61	3.08	PP	6	46.32	11.11	S	9	45.40	15.68	sS	12	04.91	16.56
ScP	12	49.61	3.08	PcP	8	53.90	2.45	SPg	10	12.03	19.12	SS	12	13.27	16.72
ScS	16	41.98	4.52	S	10	18.29	15.73	sS	11	29.83	15.83	ScS	14	37.55	4.68
PKiKP	16	43.52	0.62	SPg	10	37.89	19.15	sS	11	36.49	18.64	PKiKP	15	33.54	0.62
SKiKP	20	16.04	0.65	sS	10	57.08	15.77	ScP	11	42.02	3.11	pPKiKP	17	53.50	0.61
PKKPdf	31	44.68	-0.62	SnSn	11	43.88	24.28	sS	11	47.13	21.57	SKiKP	18	08.93	0.65
PKKSdf	35	17.17	-0.59	SS	12	20.28	20.48	sS	11	47.23	22.33	sPKiKP	18	50.64	0.61
SKKPdf	35	17.17	-0.59	ScP	12	25.62	3.09	SS	11	58.23	20.44	PKKPdf	30	34.71	-0.61
SKKSdf	38	49.61	-0.56	PcS	12	36.07	3.10	PcS	12	12.64	3.13	SKKPdf	33	10.04	-0.58
P’P’df	40	13.78	-0.80	ScS	16	18.18	4.54	ScS	15	35.03	4.59	PKKSdf	34	07.18	-0.58
P’P’ab	42	13.96	-4.41	PKiKP	16	29.69	0.62	PKiKP	16	05.59	0.62	SKKSdf	36	42.48	-0.56
S’S’df	54	24.39	-0.63	pPKiKP	16	57.34	0.61	pPKiKP	17	21.45	0.61	P’P’df	39	03.87	-0.79
				sPKiKP	17	07.67	0.62	sPKiKP	17	51.63	0.61	P’P’ab	41	08.62	-4.42
				SKiKP	19	51.89	0.65	SKiKP	19	07.93	0.65	S’S’df	52	17.28	-0.63
				PKKPdf	31	30.86	-0.62	PKKPdf	31	06.76	-0.62				
				SKKPdf	34	53.01	-0.59	SKKPdf	34	09.05	-0.59				
				PKKSdf	35	03.34	-0.59	PKKSdf	34	39.23	-0.59				
				SKKSdf	38	25.45	-0.56	SKKSdf	37	41.49	-0.56				
				P’P’df	39	60.00	-0.80	P’P’df	39	35.88	-0.80				
				P’P’ab	42	00.73	-4.41	P’P’ab	41	38.03	-4.41				
				S’S’df	54	00.24	-0.63	S’S’df	53	16.28	-0.63				

Delta : 30.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	6	10.27	8.85	P	5	59.08	8.83	P	5	41.34	8.77	P	5	21.61	8.57
PnPn	7	06.46	13.63	pP	6	21.46	8.87	pP	6	39.00	8.97	pP	6	57.07	9.17
PnPn	7	06.56	13.22	sP	6	33.04	8.86	pP	6	43.16	9.98	PP	7	01.50	9.24
PnPn	7	06.82	13.49	PnPn	7	00.21	12.93	PnPn	6	54.11	12.18	PcP	8	04.15	2.67
PP	7	17.81	11.11	PP	7	08.54	11.11	PP	6	56.03	11.07	sP	8	06.83	8.97
PcP	9	12.58	2.58	PcP	8	58.95	2.60	sP	7	13.81	8.89	sP	8	11.03	9.95
S	11	09.14	15.69	S	10	49.70	15.67	PcP	8	35.31	2.62	S	9	38.65	15.34
SPg	11	32.77	19.14	SPg	11	16.17	19.13	S	10	16.68	15.59	ScP	10	50.15	3.31
PgS	11	32.77	19.14	sS	11	28.57	15.71	ScP	11	48.40	3.27	PcS	11	48.47	3.37
SnSn	12	40.16	24.35	ScP	12	31.96	3.25	sS	12	01.41	15.76	sS	12	37.76	16.26
PcS	12	55.94	3.24	SnSn	12	32.41	24.24	sS	12	12.93	17.78	SS	12	46.70	16.71
ScP	12	55.94	3.24	PcS	12	42.42	3.26	PcS	12	19.07	3.30	ScS	14	47.17	4.94
SS	13	16.39	20.48	SS	13	01.23	20.46	SS	12	32.37	22.65	PKiKP	15	34.83	0.66
PKiKP	16	44.79	0.66	ScS	16	27.51	4.80	SS	12	39.06	20.38	pPKiKP	17	54.76	0.65
ScS	16	51.28	4.78	PKiKP	16	30.97	0.66	ScS	15	44.47	4.85	SKiKP	18	10.28	0.70
SKiKP	20	17.38	0.69	pPKiKP	16	58.61	0.66	PKiKP	16	06.87	0.66	sPKiKP	18	51.91	0.65
PKKPdf	31	43.40	-0.66	sPKiKP	17	08.94	0.66	pPKiKP	17	22.71	0.65	PKKPdf	30	33.44	-0.66
PKKSdf	35	15.95	-0.63	SKiKP	19	53.23	0.69	sPKiKP	17	52.90	0.66	SKKPdf	33	08.83	-0.63
SKKPdf	35	15.95	-0.63	PKKPdf	31	29.58	-0.66	SKiKP	19	09.28	0.69	PKKSdf	34	05.98	-0.62
SKKSdf	38	48.45	-0.60	SKKPdf	34	51.79	-0.63	PKKPdf	31	05.48	-0.66	SKKSdf	36	41.32	-0.60
P’P’df	40	12.13	-0.86	PKKSdf	35	02.12	-0.63	SKKPdf	34	07.84	-0.63	P’P’df	39	02.23	-0.84
P’P’ab	42	05.14	-4.40	SKKSdf	38	24.29	-0.60	PKKSdf	34	38.02	-0.63	P’P’ab	40	59.79	-4.41
S’S’df	54	23.09	-0.67	P’P’df	39	58.31	-0.85	SKKSdf	37	40.34	-0.60	S’S’df	52	15.98	-0.67
				P’P’ab	41	51.91	-4.41	P’P’df	39	34.24	-0.85				
				S’S’df	53	58.94	-0.67	P’P’ab	41	29.21	-4.41				
								S’S’df	53	14.98	-0.67				

Delta : 32.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	6	27.91	8.79	P	6	16.67	8.76	P	5	58.79	8.67	P	5	38.64	8.46
PnPn	7	32.74	12.94	pP	6	39.14	8.81	pP	6	56.81	8.86	pP	7	15.35	9.10
PnPn	7	33.69	13.61	sP	6	50.70	8.80	PP	7	18.14	11.03	PP	7	20.00	9.23
PnPn	7	33.84	13.53	PnPn	7	25.76	12.62	PnPn	7	18.34	12.04	PcP	8	09.63	2.81
PP	7	40.03	11.10	PP	7	30.74	11.09	sP	7	31.52	8.82	sP	8	24.64	8.87
PcP	9	17.89	2.72	PcP	9	04.28	2.73	PcP	8	40.69	2.76	S	10	09.18	15.19
S	11	40.45	15.61	S	11	20.94	15.57	S	10	47.73	15.45	ScP	10	56.92	3.46
PgS	12	11.03	19.12	sS	11	59.93	15.64	ScP	11	55.10	3.42	PcS	11	55.36	3.52
SPg	12	11.03	19.12	ScP	12	38.61	3.40	PcS	12	25.82	3.45	sS	13	09.87	15.82
PcS	13	02.57	3.39	PcS	12	49.09	3.41	sS	12	32.87	15.70	SS	13	20.08	16.67
ScP	13	02.57	3.39	SnSn	13	20.85	24.20	SS	13	17.58	22.54	ScS	14	57.30	5.19
SnSn	13	28.81	24.30	SS	13	42.12	20.42	SS	13	19.74	20.29	PKiKP	15	36.20	0.71
SS	13	57.32	20.45	PKiKP	16	32.33	0.70	SS	13	53.25	16.72	pPKiKP	17	56.10	0.69
PKiKP	16	46.15	0.70	ScS	16	37.36	5.05	ScS	15	54.41	5.10	SKiKP	18	11.71	0.74
ScS	17	01.08	5.03	pPKiKP	16	60.00	0.70	PKiKP	16	08.23	0.70	sPKiKP	18	53.26	0.70
SKiKP	20	18.81	0.74	sPKiKP	17	10.30	0.70	pPKiKP	17	24.06	0.70	PKKPdf	30	32.09	-0.70
PKKPdf	31	42.03	-0.71	SKiKP	19	54.66	0.74	sPKiKP	17	54.25	0.70	SKKPdf	33	07.54	-0.67
PKKSdf	35	14.65	-0.67	PKKPdf	31	28.21	-0.70	SKiKP	19	10.71	0.74	PKKSdf	34	04.69	-0.66
SKKPdf	35	14.65	-0.67	SKKPdf	34	50.50	-0.67	PKKPdf	31	04.12	-0.70	SKKSdf	36	40.09	-0.64
SKKSdf	38	47.21	-0.64	PKKSdf	35	00.83	-0.67	SKKPdf	34	06.54	-0.67	P’P’df	39	00.49	-0.90
P’P’df	40	10.36	-0.91	SKKSdf	38	23.06	-0.64	PKKSdf	34	36.73	-0.67	P’P’ab	40	50.97	-4.41
P’P’ab	41	56.34	-4.40	P’P’df	39	56.55	-0.91	SKKSdf	37	39.10	-0.64	S’S’df	52	14.59	-0.71
S’S’df	54	21.70	-0.72	P’P’ab	41	43.10	-4.40	P’P’df	39	32.48	-0.91				
				S’S’df	53	57.55	-0.72	P’P’ab	41	20.40	-4.40				
								S’S’df	53	13.59	-0.72				

Delta : 34.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	6	45.40	8.69	P	6	34.09	8.65	P	6	16.01	8.55	P	5	55.43	8.34
PnPn	7	58.25	12.58	pP	6	56.68	8.73	pP	7	14.48	8.80	pP	7	33.44	8.99
PnPn	8	00.89	13.59	sP	7	08.22	8.71	PP	7	40.14	10.97	PP	7	38.41	9.22
PnPn	8	00.91	13.55	PnPn	7	50.75	12.38	PnPn	7	42.27	11.88	PcP	8	15.37	2.93
PP	8	02.20	11.07	PP	7	52.88	11.05	sP	7	49.09	8.75	sP	8	42.31	8.80
PcP	9	23.45	2.85	PcP	9	09.86	2.86	PP	7	55.82	9.24	S	10	39.40	15.03
S	12	11.53	15.47	S	11	51.93	15.42	PcP	8	46.33	2.88	ScP	11	03.98	3.60
ScP	13	09.50	3.54	sS	12	31.10	15.52	S	11	18.48	15.30	PcS	12	02.53	3.65
PcS	13	09.50	3.54	ScP	12	45.56	3.54	ScP	12	02.09	3.56	sS	13	41.43	15.75
SnSn	14	17.37	24.26	PcS	12	56.05	3.55	PcS	12	32.85	3.59	SS	13	53.38	16.62
SS	14	38.17	20.40	SnSn	14	09.21	24.16	sS	13	04.21	15.62	ScS	15	07.93	5.43
PKiKP	16	47.59	0.74	SS	14	22.90	20.35	SS	14	00.20	20.16	PKiKP	15	37.65	0.75
ScS	17	11.38	5.27	SS	14	57.81	16.72	SS	14	02.46	22.32	pPKiKP	17	57.53	0.73
SKiKP	20	20.33	0.78	PKiKP	16	33.77	0.74	SS	14	26.69	16.71	SKiKP	18	13.24	0.78
PKKPdf	31	40.58	-0.75	ScS	16	47.70	5.29	ScS	16	04.85	5.34	sPKiKP	18	54.69	0.74
SKKPdf	35	13.27	-0.71	pPKiKP	17	01.41	0.74	PKiKP	16	09.68	0.74	PKKPdf	30	30.65	-0.74
PKKSdf	35	13.27	-0.71	sPKiKP	17	11.74	0.74	pPKiKP	17	25.50	0.74	SKKPdf	33	06.16	-0.71
SKKSdf	38	45.89	-0.68	SKiKP	19	56.18	0.78	sPKiKP	17	55.69	0.74	PKKSdf	34	03.32	-0.70
P’P’df	40	08.49	-0.97	PKKPdf	31	26.76	-0.75	SKiKP	19	12.23	0.78	SKKSdf	36	38.78	-0.67
P’P’ab	41	47.56	-4.39	SKKPdf	34	49.12	-0.71	PKKPdf	31	02.67	-0.75	P’P’df	38	58.64	-0.95
S’S’df	54	20.22	-0.76	PKKSdf	34	59.45	-0.71	SKKPdf	34	05.16	-0.71	P’P’ab	40	42.17	-4.40
				SKKSdf	38	21.74	-0.68	PKKSdf	34	35.35	-0.71	S’S’df	52	13.12	-0.76
				P’P’df	39	54.68	-0.96	SKKSdf	37	37.79	-0.68				
				P’P’ab	41	34.32	-4.39	P’P’df	39	30.61	-0.96				
				S’S’df	53	56.07	-0.76	P’P’ab	41	11.61	-4.39				
								S’S’df	53	12.12	-0.76				

Delta : 36.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	7	02.66	8.57	P	6	51.27	8.53	P	6	32.99	8.43	P	6	11.98	8.21
PnPn	8	23.15	12.33	pP	7	14.02	8.61	pP	7	32.00	8.71	pP	7	51.26	8.87
PP	8	24.30	11.03	sP	7	25.51	8.59	PP	8	02.02	10.90	PP	7	56.84	9.20
PP	8	42.16	9.24	PP	8	14.94	11.00	PnPn	8	05.86	11.71	PcP	8	21.36	3.06
PcP	9	29.27	2.97	PnPn	8	15.29	12.16	sP	8	06.47	8.63	sP	8	59.84	8.71
S	12	42.32	15.32	PP	8	31.25	9.24	PP	8	14.29	9.23	S	11	09.28	14.85
PcS	13	16.71	3.67	PcP	9	15.70	2.98	PcP	8	52.23	3.01	ScP	11	11.30	3.73
ScP	13	16.71	3.67	S	12	22.62	15.27	S	11	48.92	15.14	PcS	12	10.00	3.78
SnSn	15	05.83	24.21	ScP	12	52.78	3.67	ScP	12	09.34	3.69	sS	14	12.88	15.69
SS	15	18.88	20.31	sS	13	01.99	15.37	PcS	12	40.16	3.71	SS	14	26.53	16.53
SS	15	49.95	16.72	PcS	13	03.29	3.68	sS	13	35.33	15.49	sS	14	27.28	17.75
PKiKP	16	49.11	0.78	SnSn	14	57.47	24.11	SS	14	40.36	19.99	ScS	15	19.02	5.66
ScS	17	22.14	5.49	SS	15	03.49	20.24	SS	14	46.84	22.05	PKiKP	15	39.19	0.79
SKiKP	20	21.93	0.82	SS	15	31.24	16.71	SS	15	00.08	16.68	pPKiKP	17	59.04	0.77
PKKPdf	31	39.04	-0.79	PKiKP	16	35.29	0.78	PKiKP	16	11.21	0.79	SKiKP	18	14.85	0.83
SKKPdf	35	11.80	-0.75	ScS	16	58.50	5.52	ScS	16	15.75	5.57	sPKiKP	18	56.20	0.78
PKKSdf	35	11.80	-0.75	pPKiKP	17	02.93	0.78	pPKiKP	17	27.02	0.78	PKKPdf	30	29.12	-0.78
SKKSdf	38	44.50	-0.72	sPKiKP	17	13.26	0.78	sPKiKP	17	57.21	0.78	SKKPdf	33	04.71	-0.75
P’P’df	40	06.50	-1.02	SKiKP	19	57.78	0.82	SKiKP	19	13.84	0.82	PKKSdf	34	01.87	-0.75
P’P’ab	41	38.79	-4.38	PKKPdf	31	25.22	-0.79	PKKPdf	31	01.14	-0.79	SKKSdf	36	37.39	-0.71
S’S’df	54	18.65	-0.81	SKKPdf	34	47.65	-0.75	SKKPdf	34	03.70	-0.75	P’P’df	38	56.68	-1.01
				PKKSdf	34	57.98	-0.75	PKKSdf	34	33.90	-0.75	P’P’ab	40	33.38	-4.39
				SKKSdf	38	20.35	-0.72	SKKSdf	37	36.40	-0.72	S’S’df	52	11.56	-0.80
				P’P’df	39	52.69	-1.02	P’P’df	39	28.64	-1.01				
				P’P’ab	41	25.55	-4.38	P’P’ab	41	02.83	-4.38				
				S’S’df	53	54.50	-0.80	S’S’df	53	10.55	-0.80				

Delta : 38.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	7	19.67	8.44	P	7	08.20	8.40	P	6	49.72	8.30	P	6	28.27	8.08
PP	8	46.32	10.98	pP	7	31.11	8.48	pP	7	49.29	8.59	pP	8	08.93	8.80
PnPn	8	47.57	12.09	sP	7	42.56	8.46	sP	8	23.61	8.51	PP	8	15.22	9.18
PP	9	00.64	9.23	PP	8	36.89	10.94	PP	8	23.75	10.82	pP	8	16.07	10.02
PcP	9	35.33	3.09	PnPn	8	39.39	11.94	PP	8	32.74	9.22	PcP	8	27.59	3.17
S	13	12.80	15.15	PP	8	49.71	9.23	PcP	8	58.36	3.12	sP	9	17.15	8.59
PcS	13	24.16	3.79	PcP	9	21.78	3.10	ScP	12	16.85	3.81	ScP	11	18.87	3.84
ScP	13	24.16	3.79	S	12	52.99	15.10	S	12	19.02	14.96	S	11	38.80	14.67
SnSn	15	54.20	24.16	ScP	13	00.25	3.79	PcS	12	47.70	3.83	PcS	12	17.64	3.89
SS	15	59.36	20.18	PcS	13	10.77	3.80	sS	14	06.16	15.34	sS	14	44.18	15.60
SS	16	23.36	16.69	sS	13	32.57	15.21	SS	15	20.14	19.78	SS	14	59.49	16.42
PKiKP	16	50.72	0.82	SS	15	43.81	20.08	SS	15	30.65	21.75	sS	15	03.81	18.37
ScS	17	33.34	5.71	SnSn	15	45.64	24.06	SS	15	33.39	16.63	ScS	15	30.56	5.87
SKiKP	20	23.62	0.86	SS	15	45.82	22.70	PKiKP	16	12.82	0.83	PKiKP	15	40.81	0.83
PKKPdf	31	37.42	-0.83	SS	15	46.89	23.68	ScS	16	27.10	5.78	pPKiKP	18	00.62	0.81
SKKPdf	35	10.26	-0.79	SS	16	04.64	16.68	pPKiKP	17	28.61	0.82	SKiKP	18	16.55	0.87
PKKSdf	35	10.26	-0.79	PKiKP	16	36.90	0.82	sPKiKP	17	58.81	0.82	sPKiKP	18	57.80	0.82
SKKSdf	38	43.03	-0.76	pPKiKP	17	04.53	0.82	SKiKP	19	15.53	0.87	PKKPdf	30	27.51	-0.83
P’P’df	40	04.41	-1.07	ScS	17	09.75	5.73	PKKPdf	30	59.52	-0.83	SKKPdf	33	03.17	-0.79
P’P’ab	41	30.04	-4.37	sPKiKP	17	14.87	0.82	SKKPdf	34	02.16	-0.79	PKKSdf	34	00.34	-0.79
S’S’df	54	17.00	-0.85	SKiKP	19	59.47	0.87	PKKSdf	34	32.36	-0.79	SKKSdf	36	35.93	-0.75
				PKKPdf	31	23.60	-0.83	SKKSdf	37	34.93	-0.75	P’P’df	38	54.61	-1.06
				SKKPdf	34	46.11	-0.79	P’P’df	39	26.56	-1.07	P’P’ab	40	24.61	-4.38
				PKKSdf	34	56.44	-0.79	P’P’ab	40	54.07	-4.37	S’S’df	52	09.92	-0.84
				SKKSdf	38	18.88	-0.76	S’S’df	53	08.90	-0.85				
				P’P’df	39	50.61	-1.07								
				P’P’ab	41	16.80	-4.37								
				S’S’df	53	52.85	-0.85								

Delta : 40.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	7	36.42	8.31	P	7	24.87	8.27	P	7	06.19	8.16	P	6	44.31	7.95
PP	9	08.19	10.90	pP	7	47.95	8.35	pP	8	06.34	8.46	pP	8	26.44	8.70
PnPn	9	11.52	11.86	sP	7	59.36	8.33	sP	8	40.50	8.38	PP	8	33.55	9.15
PP	9	19.10	9.23	PP	8	58.68	10.86	PP	8	45.28	10.71	PcP	8	34.05	3.28
PcP	9	41.61	3.20	PnPn	9	03.03	11.71	PP	8	51.18	9.21	PP	8	36.20	10.07
ScP	13	31.84	3.90	PP	9	08.17	9.22	PcP	9	04.71	3.23	sP	9	34.21	8.47
PcS	13	31.84	3.90	PcP	9	28.09	3.21	ScP	12	24.58	3.92	ScP	11	26.66	3.95
S	13	42.93	14.97	ScP	13	07.95	3.90	S	12	48.75	14.77	S	12	07.95	14.48
SS	16	39.54	20.00	PcS	13	18.48	3.91	PcS	12	55.48	3.94	PcS	12	25.52	3.99
SnSn	16	42.45	24.10	S	13	23.00	14.92	sS	14	36.67	15.17	sS	15	15.24	15.46
SS	16	43.16	22.65	sS	14	02.82	15.03	SS	15	59.45	19.53	SS	15	32.19	16.29
SS	16	44.12	23.61	SS	16	23.78	19.88	SS	16	06.57	16.55	SS	15	40.51	18.30
PKiKP	16	52.40	0.86	SS	16	30.76	22.25	SS	16	13.84	21.43	ScS	15	42.51	6.08
SS	16	56.70	16.65	SnSn	16	33.70	24.00	PKiKP	16	14.51	0.87	PKiKP	15	42.51	0.87
ScS	17	44.98	5.92	SS	16	37.94	16.62	ScS	16	38.88	5.99	pPKiKP	18	02.29	0.85
SKiKP	20	25.39	0.91	PKiKP	16	38.59	0.86	pPKiKP	17	30.29	0.86	SKiKP	18	18.33	0.91
PKKPdf	31	35.70	-0.88	pPKiKP	17	06.22	0.86	sPKiKP	18	00.49	0.86	sPKiKP	18	59.48	0.86
PKKSdf	35	08.63	-0.83	sPKiKP	17	16.55	0.86	SKiKP	19	17.31	0.91	PKKPdf	30	25.82	-0.87
SKKPdf	35	08.63	-0.83	ScS	17	21.43	5.94	PKKPdf	30	57.82	-0.87	SKKPdf	33	01.55	-0.83
SKKSdf	38	41.48	-0.79	SKiKP	20	01.25	0.91	SKKPdf	34	00.54	-0.83	PKKSdf	33	58.73	-0.83
P’P’df	40	02.21	-1.12	PKKPdf	31	21.89	-0.88	PKKSdf	34	30.74	-0.83	SKKSdf	36	34.39	-0.79
P’P’ab	41	21.32	-4.36	SKKPdf	34	44.48	-0.83	SKKSdf	37	33.38	-0.79	P’P’df	38	52.44	-1.11
S’S’df	54	15.26	-0.89	PKKSdf	34	54.82	-0.83	P’P’df	39	24.37	-1.12	P’P’ab	40	15.86	-4.37
				SKKSdf	38	17.33	-0.79	P’P’ab	40	45.34	-4.36	S’S’df	52	08.19	-0.89
				P’P’df	39	48.41	-1.12	S’S’df	53	07.17	-0.89				
				P’P’ab	41	08.07	-4.36								
				S’S’df	53	51.11	-0.89								

Delta : 42.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	7	52.90	8.17	P	7	41.27	8.13	P	7	22.38	8.03	P	7	00.09	7.82
PP	9	29.90	10.81	pP	8	04.51	8.21	pP	8	23.12	8.32	PcP	8	40.71	3.38
PnPn	9	35.00	11.62	sP	8	15.88	8.19	sP	8	57.12	8.24	pP	8	43.70	8.57
PP	9	37.54	9.21	PP	9	20.30	10.75	PP	9	06.59	10.60	PP	8	51.83	9.12
PcP	9	48.11	3.30	PP	9	26.60	9.21	PP	9	09.57	9.19	PP	8	56.30	10.02
ScP	13	39.74	3.99	PcP	9	34.61	3.31	PcP	9	11.29	3.34	sP	9	51.00	8.33
PcS	13	39.74	3.99	ScP	13	15.85	4.00	ScP	12	32.51	4.02	ScP	11	34.65	4.04
S	14	12.69	14.78	PcS	13	26.39	4.01	PcS	13	03.45	4.03	PcS	12	33.60	4.08
PKiKP	16	54.17	0.90	S	13	52.64	14.72	S	13	18.11	14.58	S	12	36.73	14.29
SS	17	19.32	19.77	sS	14	32.70	14.84	sS	15	06.84	14.99	PKiKP	15	44.30	0.91
SS	17	27.96	22.17	PKiKP	16	40.36	0.90	PKiKP	16	16.29	0.91	sS	15	45.99	15.29
SS	17	29.92	16.57	SS	17	03.30	19.63	SS	16	38.25	19.26	ScS	15	54.87	6.27
SnSn	17	30.59	24.04	pPKiKP	17	07.98	0.90	SS	16	39.56	16.43	SS	16	04.65	16.17
ScS	17	57.01	6.12	SS	17	11.11	16.54	ScS	16	51.05	6.18	SS	16	16.96	18.14
SKiKP	20	27.25	0.95	SS	17	14.85	21.85	pPKiKP	17	32.05	0.90	pPKiKP	18	04.04	0.89
PKKPdf	31	33.91	-0.92	sPKiKP	17	18.31	0.90	sPKiKP	18	02.25	0.90	SKiKP	18	20.19	0.95
PKKSdf	35	06.92	-0.87	SnSn	17	21.64	23.94	SKiKP	19	19.17	0.95	sPKiKP	19	01.23	0.90
SKKPdf	35	06.92	-0.87	ScS	17	33.51	6.14	PKKPdf	30	56.03	-0.92	PKKPdf	30	24.04	-0.91
SKKSdf	38	39.85	-0.83	SKiKP	20	03.10	0.95	SKKPdf	33	58.83	-0.87	SKKPdf	32	59.85	-0.87
P’P’df	39	59.91	-1.18	PKKPdf	31	20.10	-0.92	PKKSdf	34	29.04	-0.87	PKKSdf	33	57.04	-0.87
P’P’ab	41	12.62	-4.34	SKKPdf	34	42.78	-0.87	SKKSdf	37	31.75	-0.83	SKKSdf	36	32.77	-0.83
S’S’df	54	13.43	-0.94	PKKSdf	34	53.11	-0.87	P’P’df	39	22.09	-1.17	P’P’df	38	50.17	-1.16
				SKKSdf	38	15.70	-0.83	P’P’ab	40	36.63	-4.35	P’P’ab	40	07.14	-4.36
				P’P’df	39	46.12	-1.17	S’S’df	53	05.35	-0.93	S’S’df	52	06.37	-0.93
				P’P’ab	40	59.37	-4.34								
				S’S’df	53	49.28	-0.93								

Delta : 44.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	8	09.11	8.03	P	7	57.39	7.99	P	7	38.30	7.89	P	7	15.60	7.69
PP	9	51.41	10.70	pP	8	20.80	8.07	pP	8	39.62	8.18	PcP	8	47.58	3.48
PcP	9	54.82	3.40	sP	8	32.13	8.05	sP	9	13.46	8.10	pP	9	00.70	8.43
PP	9	55.94	9.19	PcP	9	41.34	3.41	PcP	9	18.06	3.44	PP	9	10.03	9.08
ScP	13	47.81	4.08	PP	9	41.69	10.64	PP	9	27.66	10.47	PP	9	16.27	9.94
PcS	13	47.81	4.08	PP	9	44.99	9.19	PP	9	27.92	9.16	sP	10	07.52	8.19
S	14	42.06	14.59	ScP	13	23.94	4.09	ScP	12	40.63	4.10	ScP	11	42.82	4.13
PKiKP	16	56.01	0.94	PcS	13	34.49	4.09	PcS	13	11.60	4.12	PcS	12	41.85	4.16
SS	17	58.59	19.50	S	14	21.90	14.53	S	13	47.08	14.38	S	13	05.10	14.09
SS	18	02.97	16.47	sS	15	02.19	14.65	sS	15	36.62	14.80	PKiKP	15	46.16	0.95
ScS	18	09.43	6.30	PKiKP	16	42.20	0.94	PKiKP	16	18.14	0.95	ScS	16	07.60	6.45
SS	18	11.86	21.74	pPKiKP	17	09.82	0.94	ScS	17	03.61	6.37	sS	16	16.40	15.11
SnSn	18	18.61	23.98	sPKiKP	17	20.16	0.94	SS	17	12.28	16.29	SS	16	36.82	15.98
SKiKP	20	29.18	0.99	SS	17	42.29	19.35	SS	17	16.47	18.96	SS	16	53.03	17.92
PKKPdf	31	32.03	-0.96	SS	17	44.07	16.42	pPKiKP	17	33.89	0.94	pPKiKP	18	05.87	0.93
PKKSdf	35	05.14	-0.91	ScS	17	45.97	6.32	sPKiKP	18	04.10	0.94	SKiKP	18	22.14	0.99
SKKPdf	35	05.14	-0.91	SS	17	58.14	21.44	SKiKP	19	21.11	0.99	sPKiKP	19	03.07	0.94
SKKSdf	38	38.14	-0.87	SnSn	18	09.47	23.88	PKKPdf	30	54.16	-0.96	PKKPdf	30	22.18	-0.95
P’P’df	39	57.51	-1.23	SKiKP	20	05.04	0.99	SKKPdf	33	57.05	-0.91	SKKPdf	32	58.07	-0.91
P’P’ab	41	03.95	-4.33	PKKPdf	31	18.22	-0.96	PKKSdf	34	27.25	-0.91	PKKSdf	33	55.26	-0.91
S’S’df	54	11.52	-0.98	SKKPdf	34	40.99	-0.91	SKKSdf	37	30.05	-0.87	SKKSdf	36	31.07	-0.87
				PKKSdf	34	51.32	-0.91	P’P’df	39	19.70	-1.22	P’P’df	38	47.79	-1.21
				SKKSdf	38	13.99	-0.87	P’P’ab	40	27.95	-4.33	P’P’ab	39	58.44	-4.34
				P’P’df	39	43.72	-1.22	S’S’df	53	03.44	-0.98	S’S’df	52	04.47	-0.97
				P’P’ab	40	50.70	-4.33								
				S’S’df	53	47.37	-0.98								

Delta : 46.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	8	25.03	7.89	P	8	13.23	7.85	P	7	53.93	7.75	P	7	30.84	7.55
PcP	10	01.71	3.49	pP	8	36.80	7.93	pP	8	55.83	8.04	PcP	8	54.63	3.57
PP	10	12.68	10.57	sP	8	48.09	7.91	PcP	9	25.02	3.53	pP	9	17.40	8.28
PP	10	14.31	9.17	PcP	9	48.25	3.50	sP	9	29.52	7.96	PP	9	28.14	9.04
ScP	13	56.06	4.16	PP	10	02.84	10.51	PP	9	46.21	9.13	PP	9	36.04	9.83
PcS	13	56.06	4.16	PP	10	03.34	9.16	PP	9	48.46	10.33	sP	10	23.76	8.05
S	15	11.04	14.39	ScP	13	32.20	4.16	ScP	12	48.91	4.18	ScP	11	51.15	4.20
PKiKP	16	57.94	0.98	PcS	13	42.76	4.17	PcS	13	19.91	4.19	PcS	12	50.24	4.23
ScS	18	22.21	6.48	S	14	50.75	14.32	S	14	15.64	14.18	S	13	33.08	13.89
SS	18	35.77	16.33	sS	15	31.29	14.45	sS	16	06.01	14.59	PKiKP	15	48.10	0.99
SS	18	37.30	19.20	PKiKP	16	44.13	0.98	PKiKP	16	20.07	0.98	ScS	16	20.68	6.63
SnSn	19	06.51	23.91	pPKiKP	17	11.74	0.98	ScS	17	16.52	6.54	sS	16	46.42	14.91
SKiKP	20	31.20	1.03	sPKiKP	17	22.08	0.98	pPKiKP	17	35.80	0.98	SS	17	08.54	15.81
PKKPdf	31	30.06	-1.00	ScS	17	58.79	6.50	SS	17	44.74	16.16	pPKiKP	18	07.78	0.97
SKKPdf	35	03.27	-0.95	SS	18	16.76	16.28	SS	17	54.08	18.65	SKiKP	18	24.17	1.03
PKKSdf	35	03.27	-0.95	SS	18	20.68	19.04	sPKiKP	18	06.01	0.98	sPKiKP	19	04.98	0.98
SKKSdf	38	36.36	-0.91	SnSn	18	57.16	23.82	SKiKP	19	23.13	1.03	PKKPdf	30	20.23	-0.99
P’P’df	39	55.01	-1.28	SKiKP	20	07.06	1.03	PKKPdf	30	52.20	-1.00	SKKPdf	32	56.21	-0.95
P’P’ab	40	55.32	-4.31	PKKPdf	31	16.26	-1.00	SKKPdf	33	55.18	-0.95	PKKSdf	33	53.41	-0.95
S’S’df	54	09.52	-1.02	SKKPdf	34	39.12	-0.95	PKKSdf	34	25.39	-0.95	SKKSdf	36	29.30	-0.91
				PKKSdf	34	49.46	-0.95	SKKSdf	37	28.27	-0.91	P’P’df	38	45.32	-1.26
				SKKSdf	38	12.21	-0.91	P’P’df	39	17.21	-1.27	P’P’ab	39	49.76	-4.33
				P’P’df	39	41.22	-1.27	P’P’ab	40	19.30	-4.32	S’S’df	52	02.48	-1.01
				P’P’ab	40	42.05	-4.31	S’S’df	53	01.44	-1.02				
				S’S’df	53	45.38	-1.02								

Delta : 48.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	8	40.66	7.74	P	8	28.78	7.70	P	8	09.29	7.61	P	7	45.80	7.42
PcP	10	08.79	3.58	pP	8	52.52	7.78	pP	9	11.76	7.89	PcP	9	01.86	3.66
PP	10	32.62	9.14	sP	9	03.76	7.76	PcP	9	32.17	3.61	pP	9	33.80	8.12
PP	10	33.69	10.43	PcP	9	55.35	3.59	sP	9	45.28	7.81	PP	9	46.16	8.98
ScP	14	04.45	4.23	PP	10	21.62	9.12	PP	10	04.43	9.09	sP	10	39.71	7.90
PcS	14	04.45	4.23	PP	10	23.72	10.37	PP	10	08.98	10.19	ScP	11	59.61	4.26
S	15	39.60	14.17	ScP	13	40.59	4.23	ScP	12	57.33	4.24	PcS	12	58.76	4.29
PKiKP	16	59.94	1.02	PcS	13	51.16	4.24	PcS	13	28.36	4.25	S	14	00.64	13.68
ScS	18	35.34	6.64	S	15	19.19	14.11	S	14	43.79	13.97	SPn	14	08.19	13.75
SS	19	08.29	16.19	sS	15	60.00	14.24	PKiKP	16	22.08	1.02	PKiKP	15	50.12	1.03
SS	19	15.37	18.87	PKiKP	16	46.13	1.02	sS	16	35.00	14.39	ScS	16	34.09	6.79
SnSn	19	54.27	23.85	pPKiKP	17	13.74	1.02	ScS	17	29.77	6.71	sS	17	16.04	14.71
SKiKP	20	33.30	1.07	sPKiKP	17	24.08	1.02	pPKiKP	17	37.80	1.02	SS	17	40.12	15.78
PKKPdf	31	28.01	-1.04	ScS	18	11.95	6.66	sPKiKP	18	08.01	1.02	pPKiKP	18	09.76	1.01
SKKPdf	35	01.32	-0.99	SS	18	49.18	16.15	SS	18	16.90	15.96	SKiKP	18	26.28	1.07
PKKSdf	35	01.32	-0.99	SS	18	58.43	18.71	SS	18	31.04	18.32	sPKiKP	19	06.97	1.01
SKKSdf	38	34.50	-0.95	SKiKP	20	09.16	1.07	SKiKP	19	25.23	1.07	PKKPdf	30	18.20	-1.03
P’P’df	39	52.41	-1.32	PKKPdf	31	14.21	-1.04	PKKPdf	30	50.16	-1.04	SKKPdf	32	54.27	-0.99
P’P’ab	40	46.72	-4.29	SKKPdf	34	37.17	-0.99	SKKPdf	33	53.24	-0.99	PKKSdf	33	51.48	-0.99
S’S’df	54	07.44	-1.06	PKKSdf	34	47.51	-0.99	PKKSdf	34	23.45	-0.99	SKKSdf	36	27.45	-0.94
				SKKSdf	38	10.36	-0.95	SKKSdf	37	26.42	-0.95	P’P’df	38	42.75	-1.31
				P’P’df	39	38.62	-1.32	P’P’df	39	14.62	-1.32	P’P’ab	39	41.13	-4.31
				P’P’ab	40	33.45	-4.29	P’P’ab	40	10.68	-4.30	S’S’df	52	00.41	-1.06
				S’S’df	53	43.30	-1.06	S’S’df	52	59.37	-1.06				

Delta : 50.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	8	56.00	7.60	P	8	44.04	7.56	P	8	24.36	7.46	P	8	00.51	7.28
PcP	10	16.04	3.66	pP	9	07.94	7.64	pP	9	27.38	7.74	PcP	9	09.25	3.74
PP	10	50.85	9.10	sP	9	19.14	7.62	PcP	9	39.48	3.70	pP	9	49.89	7.97
PP	10	54.40	10.28	PcP	10	02.61	3.67	sP	10	00.76	7.66	PP	10	04.05	8.91
ScP	14	12.96	4.28	PP	10	39.83	9.08	PP	10	22.56	9.04	sP	10	55.37	7.75
PcS	14	12.96	4.28	PP	10	44.30	10.21	PP	10	29.21	10.04	ScP	12	08.18	4.31
S	16	07.73	13.96	ScP	13	49.12	4.29	ScP	13	05.87	4.30	PcS	13	07.39	4.34
PKiKP	17	02.01	1.06	PcS	13	59.69	4.29	PcS	13	36.92	4.31	S	14	27.80	13.48
ScS	18	48.78	6.80	S	15	47.20	13.90	S	15	11.51	13.75	SPn	14	35.69	13.75
SS	19	40.52	16.02	sS	16	28.23	14.02	PKiKP	16	24.16	1.06	PKiKP	15	52.21	1.07
SS	19	52.77	18.53	PKiKP	16	48.21	1.06	sS	17	03.56	14.17	ScS	16	47.82	6.94
SKiKP	20	35.48	1.11	pPKiKP	17	15.81	1.06	pPKiKP	17	39.86	1.05	sS	17	45.25	14.49
PKKPdf	31	25.88	-1.09	sPKiKP	17	26.15	1.06	ScS	17	43.33	6.86	SS	18	11.65	15.75
SKKPdf	34	59.29	-1.03	ScS	18	25.43	6.82	sPKiKP	18	10.08	1.05	pPKiKP	18	11.82	1.05
PKKSdf	34	59.29	-1.03	SS	19	21.27	15.86	SS	18	48.58	15.81	SKiKP	18	28.46	1.11
SKKSdf	38	32.57	-0.99	SS	19	35.51	18.37	SS	19	07.35	17.98	sPKiKP	19	09.04	1.05
P’P’df	39	49.72	-1.37	SKiKP	20	11.34	1.11	SKiKP	19	27.41	1.11	PKKPdf	30	16.09	-1.07
P’P’bc	40	07.24	-2.10	PKKPdf	31	12.08	-1.08	PKKPdf	30	48.04	-1.08	SKKPdf	32	52.25	-1.03
P’P’ab	40	38.16	-4.27	SKKPdf	34	35.15	-1.03	SKKPdf	33	51.22	-1.03	PKKSdf	33	49.47	-1.02
S’S’df	54	05.27	-1.10	PKKSdf	34	45.48	-1.03	PKKSdf	34	21.43	-1.03	SKKSdf	36	25.52	-0.98
				SKKSdf	38	08.42	-0.99	SKKSdf	37	24.49	-0.98	P’P’df	38	40.09	-1.36
				P’P’df	39	35.94	-1.37	P’P’df	39	11.94	-1.36	P’P’bc	38	58.19	-2.07
				P’P’bc	39	53.53	-2.09	P’P’bc	39	29.72	-2.08	P’P’ab	39	32.52	-4.29
				P’P’ab	40	24.89	-4.27	P’P’ab	40	02.10	-4.28	S’S’df	51	58.26	-1.10
				S’S’df	53	41.13	-1.10	S’S’df	52	57.21	-1.10				

Delta : 52.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	9	11.05	7.45	P	8	59.01	7.42	P	8	39.15	7.32	P	8	14.93	7.14
PcP	10	23.44	3.74	pP	9	23.07	7.49	pP	9	42.71	7.59	PcP	9	16.80	3.81
PP	11	09.01	9.06	sP	9	34.23	7.47	PcP	9	46.94	3.77	pP	10	05.67	7.81
PP	11	14.81	10.13	PcP	10	10.04	3.75	sP	10	15.94	7.52	PP	10	21.83	8.87
ScP	14	21.58	4.33	PP	10	57.96	9.04	PP	10	40.60	8.99	sP	11	10.72	7.60
PcS	14	21.58	4.33	PP	11	04.57	10.06	PP	10	49.13	9.88	ScP	12	16.85	4.35
S	16	35.43	13.74	ScP	13	57.74	4.33	ScP	13	14.51	4.34	PcS	13	16.10	4.37
PKiKP	17	04.16	1.09	PcS	14	08.32	4.34	PcS	13	45.58	4.35	S	14	54.55	13.27
ScS	19	02.53	6.95	S	16	14.77	13.68	S	15	38.80	13.54	SPn	15	03.19	13.74
SS	20	12.28	15.81	PKiKP	16	50.36	1.10	SPn	15	46.53	13.75	PKiKP	15	54.38	1.10
SS	20	29.47	18.17	sS	16	56.06	13.80	PKiKP	16	26.32	1.10	ScS	17	01.83	7.08
SKiKP	20	37.73	1.15	pPKiKP	17	17.96	1.09	sS	17	31.68	13.95	pPKiKP	18	13.95	1.08
PKKPdf	31	23.67	-1.13	sPKiKP	17	28.30	1.09	pPKiKP	17	42.01	1.09	sS	18	14.02	14.27
SKKPdf	34	57.18	-1.07	ScS	18	39.21	6.96	ScS	17	57.20	7.00	SKiKP	18	30.73	1.15
PKKSdf	34	57.18	-1.07	SS	19	52.92	15.80	sPKiKP	18	12.23	1.09	SS	18	43.12	15.72
SKKSdf	38	30.56	-1.02	SS	20	11.90	18.01	SS	19	20.15	15.77	sPKiKP	19	11.18	1.09
P’P’df	39	46.93	-1.41	SKiKP	20	13.59	1.15	SKiKP	19	29.67	1.15	PKKPdf	30	13.90	-1.12
P’P’bc	40	02.99	-2.15	PKKPdf	31	09.87	-1.12	PKKPdf	30	45.84	-1.12	SKKPdf	32	50.16	-1.07
P’P’ab	40	29.64	-4.24	SKKPdf	34	33.04	-1.07	SKKPdf	33	49.11	-1.07	PKKSdf	33	47.38	-1.06
S’S’df	54	03.03	-1.14	PKKSdf	34	43.38	-1.07	PKKSdf	34	19.33	-1.07	SKKSdf	36	23.52	-1.02
				SKKSdf	38	06.41	-1.02	SKKSdf	37	22.48	-1.02	P’P’df	38	37.33	-1.40
				P’P’df	39	33.15	-1.41	P’P’df	39	09.17	-1.41	P’P’bc	38	54.00	-2.12
				P’P’bc	39	49.29	-2.15	P’P’bc	39	25.49	-2.14	P’P’ab	39	23.96	-4.27
				P’P’ab	40	16.36	-4.25	P’P’ab	39	53.57	-4.26	S’S’df	51	56.03	-1.14
				S’S’df	53	38.89	-1.14	S’S’df	52	54.97	-1.14				

Delta : 54.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	9	25.81	7.31	P	9	13.70	7.27	P	8	53.65	7.18	P	8	29.09	7.01
PcP	10	31.00	3.81	pP	9	37.90	7.35	PcP	9	54.56	3.84	PcP	9	24.49	3.88
PP	11	27.07	9.00	sP	9	49.03	7.33	pP	9	57.74	7.44	pP	10	21.13	7.65
PP	11	34.91	9.97	PcP	10	17.61	3.82	sP	10	30.83	7.37	PP	10	39.55	8.84
PcS	14	30.28	4.37	PP	11	15.98	8.98	PP	10	58.50	8.92	sP	11	25.78	7.45
ScP	14	30.28	4.37	PP	11	24.53	9.90	ScP	13	23.24	4.38	ScP	12	25.59	4.39
S	17	02.70	13.53	ScP	14	06.45	4.37	PcS	13	54.32	4.39	PcS	13	24.88	4.40
PKiKP	17	06.39	1.13	PcS	14	17.03	4.37	S	16	05.68	13.33	S	15	20.89	13.06
SPn	17	10.46	13.75	S	16	41.92	13.47	SPn	16	14.04	13.75	SPn	15	30.67	13.73
PnS	17	10.46	13.75	SPn	16	49.83	13.75	PKiKP	16	28.55	1.13	PKiKP	15	56.62	1.14
ScS	19	16.56	7.08	PKiKP	16	52.59	1.13	pPKiKP	17	44.22	1.13	ScS	17	16.12	7.21
SKiKP	20	40.06	1.18	pPKiKP	17	20.18	1.13	sS	17	59.36	13.73	pPKiKP	18	16.15	1.12
SS	20	43.86	15.78	sS	17	23.44	13.58	ScS	18	11.34	7.14	SKiKP	18	33.07	1.19
SS	21	05.45	17.80	sPKiKP	17	30.53	1.13	sPKiKP	18	14.45	1.13	sS	18	42.33	14.04
PKKPdf	31	21.38	-1.17	ScS	18	53.28	7.10	SKiKP	19	32.00	1.19	sPKiKP	19	13.39	1.13
PKKSdf	34	55.00	-1.11	SKiKP	20	15.92	1.18	SS	19	51.67	15.74	SS	19	14.54	15.69
SKKPdf	34	55.00	-1.11	SS	20	24.48	15.77	PKKPdf	30	43.55	-1.16	PKKPdf	30	11.63	-1.16
SKKSdf	38	28.47	-1.06	PKKPdf	31	07.58	-1.16	SKKPdf	33	46.94	-1.11	SKKPdf	32	47.99	-1.11
P’P’df	39	44.06	-1.46	SKKPdf	34	30.86	-1.11	PKKSdf	34	17.16	-1.11	PKKSdf	33	45.22	-1.10
P’P’bc	39	58.64	-2.20	PKKSdf	34	41.20	-1.11	SKKSdf	37	20.40	-1.06	SKKSdf	36	21.45	-1.06
P’P’ab	40	21.18	-4.22	SKKSdf	38	04.33	-1.06	P’P’df	39	06.31	-1.45	P’P’df	38	34.49	-1.44
S’S’df	54	00.70	-1.18	P’P’df	39	30.29	-1.45	P’P’bc	39	21.16	-2.19	P’P’bc	38	49.70	-2.17
				P’P’bc	39	44.95	-2.20	P’P’ab	39	45.08	-4.23	P’P’ab	39	15.44	-4.25
				P’P’ab	40	07.90	-4.22	S’S’df	52	52.65	-1.18	S’S’df	51	53.71	-1.18
				S’S’df	53	36.57	-1.18								

Delta : 56.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	9	40.28	7.16	P	9	28.09	7.12	P	9	07.87	7.04	P	8	42.97	6.87
PcP	10	38.69	3.88	pP	9	52.45	7.20	PcP	10	02.31	3.91	PcP	9	32.31	3.94
PP	11	45.01	8.93	sP	10	03.54	7.18	pP	10	12.47	7.29	pP	10	36.27	7.49
PP	11	54.67	9.78	PcP	10	25.32	3.89	sP	10	45.43	7.22	PP	10	57.21	8.81
PcS	14	39.05	4.40	PP	11	33.86	8.91	PP	11	16.28	8.88	sP	11	40.54	7.31
ScP	14	39.05	4.40	ScP	14	15.23	4.40	ScP	13	32.02	4.41	ScP	12	34.40	4.41
PKiKP	17	08.68	1.17	PcS	14	25.81	4.40	PcS	14	03.12	4.41	PcS	13	33.71	4.42
S	17	29.54	13.31	PKiKP	16	54.89	1.17	PKiKP	16	30.86	1.17	S	15	46.80	12.85
SPn	17	37.96	13.75	S	17	08.65	13.25	S	16	32.12	13.11	SPn	15	58.12	13.72
PnS	17	37.96	13.75	SPn	17	17.32	13.74	SPn	16	41.52	13.74	PKiKP	15	58.94	1.18
ScS	19	30.85	7.21	pPKiKP	17	22.48	1.17	pPKiKP	17	46.51	1.16	ScS	17	30.66	7.33
SKiKP	20	42.46	1.22	sPKiKP	17	32.82	1.17	sPKiKP	18	16.74	1.16	pPKiKP	18	18.43	1.16
SS	21	15.39	15.75	sS	17	50.40	13.37	ScS	18	25.74	7.26	SKiKP	18	35.48	1.23
PKKPdf	31	19.01	-1.21	ScS	19	07.61	7.23	sS	18	26.59	13.51	sS	19	10.19	13.81
SKKPdf	34	52.74	-1.15	SKiKP	20	18.33	1.22	SKiKP	19	34.41	1.22	sPKiKP	19	15.68	1.16
PKKSdf	34	52.74	-1.15	SS	20	55.99	15.74	SS	20	23.13	15.72	SS	19	45.89	15.66
SKKSdf	38	26.31	-1.10	PKKPdf	31	05.22	-1.20	PKKPdf	30	41.19	-1.20	PKKPdf	30	09.28	-1.19
P’P’df	39	41.11	-1.50	SKKPdf	34	28.60	-1.15	SKKPdf	33	44.68	-1.15	SKKPdf	32	45.74	-1.14
P’P’bc	39	54.17	-2.27	PKKSdf	34	38.94	-1.15	PKKSdf	34	14.91	-1.14	PKKSdf	33	42.98	-1.14
P’P’ab	40	12.78	-4.18	SKKSdf	38	02.17	-1.10	SKKSdf	37	18.25	-1.10	SKKSdf	36	19.30	-1.09
S’S’df	53	58.30	-1.22	P’P’df	39	27.34	-1.50	P’P’df	39	03.37	-1.49	P’P’df	38	31.56	-1.48
				P’P’bc	39	40.49	-2.26	P’P’bc	39	16.72	-2.25	P’P’bc	38	45.29	-2.23
				P’P’ab	39	59.49	-4.19	P’P’ab	39	36.65	-4.20	P’P’ab	39	06.98	-4.22
				S’S’df	53	34.16	-1.22	S’S’df	52	50.25	-1.22	S’S’df	51	51.32	-1.22

Delta : 58.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	9	54.46	7.02	P	9	42.20	6.98	P	9	21.80	6.90	P	8	56.57	6.73
PcP	10	46.52	3.94	pP	10	06.70	7.05	PcP	10	10.18	3.97	PcP	9	40.25	4.00
PP	12	02.82	8.88	sP	10	17.75	7.03	pP	10	26.90	7.14	pP	10	51.10	7.34
PcS	14	47.87	4.42	PcP	10	33.16	3.95	sP	10	59.72	7.08	PP	11	14.81	8.78
ScP	14	47.87	4.42	PP	11	51.64	8.87	PP	11	34.00	8.84	sP	11	55.01	7.16
PKiKP	17	11.05	1.20	ScP	14	24.05	4.42	ScP	13	40.86	4.43	ScP	12	43.24	4.43
S	17	55.94	13.09	PcS	14	34.64	4.42	PcS	14	11.96	4.43	PcS	13	42.57	4.44
SPn	18	05.45	13.74	PKiKP	16	57.26	1.20	PKiKP	16	33.23	1.21	PKiKP	16	01.33	1.21
PnS	18	05.45	13.74	pPKiKP	17	24.85	1.20	S	16	58.13	12.90	S	16	12.30	12.64
ScS	19	45.39	7.33	S	17	34.93	13.03	SPn	17	08.98	13.72	SPn	16	25.54	13.70
SKiKP	20	44.94	1.26	sPKiKP	17	35.19	1.20	pPKiKP	17	48.87	1.20	ScS	17	45.43	7.44
SS	21	46.86	15.72	SPn	17	44.80	13.73	sPKiKP	18	19.10	1.20	pPKiKP	18	20.78	1.19
PKKPdf	31	16.56	-1.24	sS	18	16.91	13.15	ScS	18	40.39	7.38	SKiKP	18	37.97	1.26
SKKPdf	34	50.40	-1.19	ScS	19	22.18	7.35	sS	18	53.39	13.29	sPKiKP	19	18.04	1.20
PKKSdf	34	50.40	-1.19	SKiKP	20	20.80	1.26	SKiKP	19	36.89	1.26	sS	19	37.57	13.58
SKKSdf	38	24.08	-1.13	SS	21	27.44	15.71	SS	20	54.54	15.69	SS	20	17.16	15.61
P’P’df	39	38.07	-1.54	PKKPdf	31	02.77	-1.24	PKKPdf	30	38.75	-1.24	PKKPdf	30	06.85	-1.23
P’P’bc	39	49.56	-2.34	SKKPdf	34	26.27	-1.19	SKKPdf	33	42.35	-1.18	SKKPdf	32	43.41	-1.18
P’P’ab	40	04.45	-4.15	PKKSdf	34	36.61	-1.19	PKKSdf	34	12.58	-1.18	PKKSdf	33	40.66	-1.18
S’S’df	53	55.81	-1.26	SKKSdf	37	59.94	-1.13	SKKSdf	37	16.02	-1.13	SKKSdf	36	17.08	-1.13
				P’P’df	39	24.31	-1.54	P’P’df	39	00.35	-1.53	P’P’df	38	28.56	-1.52
				P’P’bc	39	35.89	-2.34	P’P’bc	39	12.15	-2.32	P’P’bc	38	40.76	-2.30
				P’P’ab	39	51.14	-4.15	P’P’ab	39	28.28	-4.17	P’P’ab	38	58.57	-4.19
				S’S’df	53	31.68	-1.26	S’S’df	52	47.77	-1.26	S’S’df	51	48.84	-1.26

Delta : 60.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	10	08.34	6.87	P	9	56.01	6.83	P	9	35.45	6.75	P	9	09.91	6.60
PcP	10	54.46	4.00	pP	10	20.65	6.90	PcP	10	18.17	4.02	PcP	9	48.30	4.05
PP	12	20.55	8.85	sP	10	31.67	6.89	pP	10	41.03	6.99	pP	11	05.62	7.18
PcS	14	56.73	4.44	PcP	10	41.12	4.01	sP	11	13.73	6.93	PP	11	32.33	8.74
ScP	14	56.73	4.44	PP	12	09.35	8.84	PP	11	51.66	8.81	sP	12	09.17	7.01
PKiKP	17	13.49	1.24	ScP	14	32.91	4.44	ScP	13	49.72	4.44	ScP	12	52.12	4.44
S	18	21.89	12.87	PcS	14	43.51	4.44	PcS	14	20.83	4.44	PcS	13	51.45	4.44
SPn	18	32.91	13.72	PKiKP	16	59.70	1.24	PKiKP	16	35.68	1.24	PKiKP	16	03.79	1.25
PnS	18	32.91	13.72	pPKiKP	17	27.28	1.24	S	17	23.71	12.68	S	16	37.36	12.42
ScS	20	00.17	7.44	sPKiKP	17	37.63	1.24	SPn	17	36.41	13.71	SPn	16	52.91	13.68
SKiKP	20	47.49	1.29	S	18	00.76	12.81	pPKiKP	17	51.30	1.23	ScS	18	00.42	7.55
SS	22	18.28	15.69	SPn	18	12.26	13.72	sPKiKP	18	21.54	1.23	pPKiKP	18	23.20	1.23
PKKPdf	31	14.03	-1.28	pS	18	28.44	13.13	ScS	18	55.26	7.49	SKiKP	18	40.53	1.30
SKKPdf	34	47.99	-1.22	pS	18	28.95	13.59	sS	19	19.74	13.06	sPKiKP	19	20.47	1.23
PKKSdf	34	47.99	-1.22	sS	18	42.98	12.92	SKiKP	19	39.45	1.29	sS	20	04.51	13.35
SKKSdf	38	21.78	-1.17	ScS	19	36.98	7.46	SS	21	25.88	15.65	SS	20	48.32	15.55
P’P’df	39	34.96	-1.58	SKiKP	20	23.35	1.29	PKKPdf	30	36.23	-1.28	PKKPdf	30	04.35	-1.27
P’P’bc	39	44.80	-2.42	SS	21	58.84	15.68	SKKPdf	33	39.94	-1.22	SKKPdf	32	41.01	-1.22
P’P’ab	39	56.19	-4.11	PKKPdf	31	00.24	-1.28	PKKSdf	34	10.18	-1.22	PKKSdf	33	38.27	-1.21
S’S’df	53	53.25	-1.30	SKKPdf	34	23.86	-1.22	SKKSdf	37	13.72	-1.17	SKKSdf	36	14.78	-1.16
				PKKSdf	34	34.20	-1.22	P’P’df	38	57.24	-1.57	P’P’df	38	25.47	-1.56
				SKKSdf	37	57.64	-1.17	P’P’bc	39	07.43	-2.40	P’P’bc	38	36.09	-2.38
				P’P’df	39	21.20	-1.58	P’P’ab	39	20.00	-4.13	P’P’ab	38	50.24	-4.15
				P’P’bc	39	31.14	-2.42	S’S’df	52	45.21	-1.30	S’S’df	51	46.29	-1.29
				P’P’ab	39	42.87	-4.11								
				S’S’df	53	29.12	-1.30								

Delta : 62.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	10	21.93	6.72	P	10	09.54	6.69	P	9	48.81	6.61	P	9	22.97	6.46
PcP	11	02.52	4.05	pP	10	34.31	6.76	PcP	10	26.27	4.07	PcP	9	56.46	4.10
PP	12	38.22	8.82	sP	10	45.30	6.74	pP	10	54.87	6.84	pP	11	19.82	7.02
PcS	15	05.61	4.44	PcP	10	49.19	4.06	sP	11	27.44	6.78	PP	11	49.75	8.68
ScP	15	05.61	4.44	PP	12	27.00	8.81	PP	12	09.26	8.78	sP	12	23.04	6.86
PKiKP	17	16.00	1.27	ScP	14	41.80	4.44	ScP	13	58.61	4.44	ScP	13	01.00	4.45
S	18	47.39	12.64	PcS	14	52.39	4.44	PcS	14	29.72	4.45	PKiKP	16	06.32	1.28
SPn	19	00.34	13.70	PKiKP	17	02.21	1.27	PKiKP	16	38.20	1.28	S	17	01.99	12.21
PnS	19	00.34	13.70	pPKiKP	17	29.79	1.27	S	17	48.84	12.45	SPn	17	20.24	13.65
ScS	20	15.15	7.54	sPKiKP	17	40.13	1.27	pPKiKP	17	53.80	1.27	SKSac	18	15.59	7.59
SKiKP	20	50.10	1.33	S	18	26.16	12.58	SPn	18	03.80	13.68	SKKSac	18	15.59	7.59
SS	22	49.63	15.66	SPn	18	39.67	13.70	sPKiKP	18	24.04	1.27	ScS	18	15.62	7.64
PKKPdf	31	11.43	-1.32	pS	18	54.42	12.86	ScS	19	10.33	7.59	pPKiKP	18	25.69	1.26
SKKPdf	34	45.50	-1.26	PnS	18	56.15	13.60	SKiKP	19	42.07	1.33	SKiKP	18	43.16	1.33
PKKSdf	34	45.50	-1.26	sS	19	08.60	12.70	sS	19	45.63	12.83	sPKiKP	19	22.96	1.27
SKKSdf	38	19.40	-1.21	ScS	19	51.99	7.56	SS	21	57.13	15.60	sS	20	30.98	13.11
P’P’df	39	31.76	-1.61	SKiKP	20	25.97	1.33	PKKPdf	30	33.64	-1.32	SS	21	19.35	15.48
P’P’bc	39	39.85	-2.53	SS	22	30.16	15.64	SKKPdf	33	37.46	-1.26	PKKPdf	30	01.77	-1.31
P’P’ab	39	48.02	-4.06	PKKPdf	30	57.64	-1.32	PKKSdf	34	07.70	-1.26	SKKPdf	32	38.54	-1.26
S’S’df	53	50.61	-1.34	SKKPdf	34	21.37	-1.26	SKKSdf	37	11.35	-1.20	PKKSdf	33	35.81	-1.25
				PKKSdf	34	31.72	-1.26	P’P’df	38	54.06	-1.61	SKKSdf	36	12.42	-1.20
				SKKSdf	37	55.27	-1.21	P’P’bc	39	02.53	-2.50	P’P’df	38	22.31	-1.60
				P’P’df	39	18.01	-1.61	P’P’ab	39	11.78	-4.08	P’P’bc	38	31.25	-2.46
				P’P’bc	39	26.21	-2.52	S’S’df	52	42.58	-1.34	P’P’ab	38	41.98	-4.11
				P’P’ab	39	34.70	-4.06					S’S’df	51	43.67	-1.33
				S’S’df	53	26.48	-1.34								

Delta : 64.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	10	35.23	6.58	P	10	22.77	6.55	P	10	01.89	6.47	P	9	35.76	6.33
PcP	11	10.67	4.10	pP	10	47.68	6.61	PcP	10	34.47	4.12	PcP	10	04.71	4.15
PP	12	55.83	8.79	PcP	10	57.36	4.11	pP	11	08.40	6.69	pP	11	33.71	6.87
PKiKP	17	18.58	1.30	sP	10	58.63	6.60	sP	11	40.85	6.63	PP	12	07.07	8.63
S	19	12.45	12.41	PP	12	44.59	8.77	PP	12	26.78	8.74	sP	12	36.61	6.71
SPn	19	27.72	13.68	PKiKP	17	04.79	1.31	PKiKP	16	40.79	1.31	PKiKP	16	08.91	1.32
PnS	19	27.72	13.68	pPKiKP	17	32.36	1.30	pPKiKP	17	56.37	1.30	S	17	26.19	11.99
SKSac	20	30.31	7.59	sPKiKP	17	42.71	1.30	S	18	13.52	12.23	SPn	17	47.51	13.62
SKKSac	20	30.31	7.59	S	18	51.10	12.36	sPKiKP	18	26.61	1.30	pPKiKP	18	28.25	1.29
ScS	20	30.34	7.64	SPn	19	07.05	13.68	SPn	18	31.14	13.66	SKSac	18	30.76	7.59
SKiKP	20	52.79	1.36	pS	19	19.89	12.61	SKSac	19	25.51	7.59	SKKSac	18	30.77	7.59
SS	23	20.89	15.61	PnS	19	23.34	13.59	SKKSac	19	25.51	7.59	ScS	18	30.99	7.73
PKKPdf	31	08.75	-1.36	sS	19	33.77	12.47	ScS	19	25.60	7.68	SKiKP	18	45.86	1.37
PKKSdf	34	42.95	-1.30	SKSac	20	07.16	7.59	SKiKP	19	44.76	1.36	sPKiKP	19	25.53	1.30
SKKPdf	34	42.95	-1.30	SKKSac	20	07.16	7.59	sS	20	11.07	12.60	sS	20	56.97	12.88
SKKSdf	38	16.95	-1.24	ScS	20	07.20	7.65	sSKSac	21	35.11	7.59	SS	21	50.24	15.41
P’P’df	39	28.50	-1.65	SKiKP	20	28.66	1.36	SS	22	28.26	15.53	PKKPdf	29	59.11	-1.35
P’P’bc	39	34.67	-2.67	pSKSac	20	42.26	7.59	PKKPdf	30	30.97	-1.35	SKKPdf	32	35.99	-1.29
P’P’ab	39	40.00	-3.99	sSKSac	20	53.46	7.59	SKKPdf	33	34.91	-1.29	PKKSdf	33	33.27	-1.29
S’S’df	53	47.90	-1.37	SS	23	01.39	15.59	PKKSdf	34	05.15	-1.29	SKKSdf	36	10.00	-1.24
				PKKPdf	30	54.97	-1.36	SKKSdf	37	08.91	-1.24	P’P’df	38	19.07	-1.64
				SKKPdf	34	18.81	-1.30	P’P’df	38	50.81	-1.64	P’P’bc	38	26.22	-2.57
				PKKSdf	34	29.16	-1.30	P’P’bc	38	57.42	-2.62	P’P’ab	38	33.81	-4.06
				SKKSdf	37	52.82	-1.24	P’P’ab	39	03.68	-4.02	S’S’df	51	40.97	-1.37
				P’P’df	39	14.75	-1.65	S’S’df	52	39.87	-1.37				
				P’P’bc	39	21.05	-2.65								
				P’P’ab	39	26.63	-4.00								
				S’S’df	53	23.77	-1.37								

Delta : 66.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	10	48.25	6.44	P	10	35.72	6.40	P	10	14.69	6.33	P	9	48.27	6.19
PcP	11	18.92	4.15	pP	11	00.75	6.47	PcP	10	42.76	4.17	PcP	10	13.05	4.19
PP	13	13.36	8.74	PcP	11	05.62	4.15	pP	11	21.64	6.55	pP	11	47.29	6.71
PKiKP	17	21.22	1.34	sP	11	11.68	6.45	sP	11	53.98	6.49	PP	12	24.26	8.57
S	19	37.05	12.19	PP	13	02.09	8.73	PP	12	44.19	8.68	sP	12	49.88	6.56
SPn	19	55.06	13.66	PKiKP	17	07.44	1.34	PKiKP	16	43.44	1.34	PKiKP	16	11.58	1.35
PnS	19	55.06	13.66	pPKiKP	17	35.00	1.34	pPKiKP	17	59.00	1.33	S	17	50.00	11.77
SKSac	20	45.49	7.59	sPKiKP	17	45.35	1.34	sPKiKP	18	29.25	1.34	SPn	18	14.54	13.32
SKKSac	20	45.49	7.59	S	19	15.59	12.13	S	18	37.77	12.01	SPn	18	14.71	13.59
ScS	20	45.70	7.73	SPn	19	34.37	13.65	SPn	18	58.43	13.63	SPn	18	14.73	13.54
SKiKP	20	55.55	1.39	pS	19	44.86	12.36	SKSac	19	40.69	7.58	pPKiKP	18	30.87	1.33
SS	23	52.04	15.54	PnS	19	50.42	13.40	SKKSac	19	40.69	7.59	SKSac	18	45.93	7.58
PKKPdf	31	06.00	-1.39	PnS	19	50.49	13.54	ScS	19	41.05	7.76	SKKSac	18	45.95	7.59
PKKSdf	34	40.31	-1.33	sS	19	58.48	12.24	SKiKP	19	47.52	1.40	ScS	18	46.54	7.81
SKKPdf	34	40.31	-1.33	SKSac	20	22.34	7.58	sS	20	36.04	12.37	SKiKP	18	48.63	1.40
SKKSdf	38	14.44	-1.28	SKKSac	20	22.35	7.59	pSKSac	21	17.02	7.59	sPKiKP	19	28.16	1.33
P’P’df	39	25.18	-1.68	ScS	20	22.60	7.74	sSKSac	21	50.29	7.59	sS	21	22.49	12.64
P’P’bc	39	29.17	-2.84	SKiKP	20	31.42	1.39	SS	22	59.26	15.46	SS	22	20.97	15.33
P’P’ab	39	32.06	-3.91	pSKSac	20	57.44	7.59	PKKPdf	30	28.23	-1.39	sSKSac	22	45.03	7.59
S’S’df	53	45.11	-1.41	sSKSac	21	08.64	7.59	SKKPdf	33	32.28	-1.33	PKKPdf	29	56.38	-1.38
				SS	23	32.50	15.52	PKKSdf	34	02.53	-1.33	SKKPdf	32	33.37	-1.33
				PKKPdf	30	52.22	-1.39	SKKSdf	37	06.40	-1.27	PKKSdf	33	30.66	-1.32
				SKKPdf	34	16.18	-1.33	P’P’df	38	47.50	-1.67	SKKSdf	36	07.47	-1.27
				PKKSdf	34	26.53	-1.33	P’P’bc	38	52.02	-2.78	P’P’df	38	15.77	-1.66
				SKKSdf	37	50.30	-1.28	P’P’ab	38	55.71	-3.95	P’P’bc	38	20.93	-2.72
				P’P’df	39	11.43	-1.67	S’S’df	52	37.09	-1.41	P’P’ab	38	25.76	-3.99
				P’P’bc	39	15.58	-2.82					S’S’df	51	38.20	-1.40
				P’P’ab	39	18.70	-3.92								
				S’S’df	53	20.99	-1.41								

Delta : 68.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	11	00.97	6.29	P	10	48.39	6.26	P	10	27.21	6.19	P	10	00.51	6.05
PcP	11	27.26	4.19	pP	11	13.54	6.32	PcP	10	51.13	4.20	PcP	10	21.47	4.23
PP	13	30.80	8.69	PcP	11	13.96	4.19	pP	11	34.58	6.40	pP	12	00.55	6.56
PKiKP	17	23.93	1.37	sP	11	24.44	6.31	sP	12	06.81	6.34	PP	12	41.34	8.51
S	20	01.19	11.96	PP	13	19.49	8.67	PP	13	01.49	8.62	sP	13	02.85	6.41
SPn	20	22.35	13.63	PKiKP	17	10.15	1.37	PKiKP	16	46.15	1.37	PKiKP	16	14.31	1.38
PnS	20	22.35	13.63	pPKiKP	17	37.71	1.37	pPKiKP	18	01.70	1.37	S	18	13.29	11.55
SKiKP	20	58.37	1.43	sPKiKP	17	48.06	1.37	sPKiKP	18	31.95	1.37	pPKiKP	18	33.56	1.36
SKSac	21	00.65	7.58	S	19	39.63	11.91	S	19	01.56	11.78	SPn	18	41.04	13.19
SKKSac	21	00.67	7.59	SPn	20	01.64	13.62	SPn	19	25.64	13.36	SKiKP	18	51.46	1.43
ScS	21	01.24	7.81	pS	20	09.34	12.12	SPn	19	25.66	13.60	SKSac	19	01.06	7.56
SS	24	23.06	15.47	PnS	20	17.12	13.29	SPn	19	25.72	13.52	SKKSac	19	01.12	7.58
PKKPdf	31	03.17	-1.43	sS	20	22.73	12.01	SKiKP	19	50.35	1.43	ScS	19	02.24	7.89
PKKSdf	34	37.61	-1.37	SKiKP	20	34.24	1.43	SKSac	19	55.84	7.57	sPKiKP	19	30.86	1.36
SKKPdf	34	37.61	-1.37	SKSac	20	37.50	7.57	SKKSac	19	55.87	7.59	sS	21	47.53	12.40
SKKSdf	38	11.85	-1.31	SKKSac	20	37.52	7.59	ScS	19	56.66	7.84	pSKSac	21	55.46	7.59
P’P’df	39	21.80	-1.70	ScS	20	38.15	7.82	sS	21	00.55	12.14	SS	22	51.56	15.25
P’P’bc	39	23.31	-3.04	pSKSac	21	12.61	7.58	pSKSac	21	32.20	7.59	sSKSac	23	00.21	7.59
P’P’ab	39	24.34	-3.80	sSKSac	21	23.80	7.58	sSKSac	22	05.46	7.58	PKKPdf	29	53.58	-1.42
S’S’df	53	42.26	-1.44	SS	24	03.47	15.45	SS	23	30.11	15.39	SKKPdf	32	30.68	-1.36
				PKKPdf	30	49.40	-1.43	PKKPdf	30	25.42	-1.42	PKKSdf	33	27.98	-1.36
				SKKPdf	34	13.48	-1.37	SKKPdf	33	29.59	-1.37	SKKSdf	36	04.90	-1.30
				PKKSdf	34	23.83	-1.37	PKKSdf	33	59.84	-1.36	P’P’df	38	12.41	-1.69
				SKKSdf	37	47.72	-1.31	SKKSdf	37	03.81	-1.31	P’P’bc	38	15.32	-2.89
				P’P’df	39	08.05	-1.70	P’P’df	38	44.13	-1.70	P’P’ab	38	17.85	-3.91
				P’P’bc	39	09.75	-3.02	P’P’bc	38	46.27	-2.97	S’S’df	51	35.35	-1.44
				P’P’ab	39	10.95	-3.82	P’P’ab	38	47.90	-3.85				
				S’S’df	53	18.13	-1.44	S’S’df	52	34.24	-1.44				

Delta : 70.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	11	13.41	6.14	P	11	00.76	6.12	P	10	39.44	6.04	P	10	12.47	5.91
PcP	11	35.67	4.22	PcP	11	22.38	4.23	PcP	10	59.57	4.24	PcP	10	29.95	4.26
PP	13	48.11	8.63	pP	11	26.04	6.17	pP	11	47.23	6.25	pP	12	13.51	6.40
PKiKP	17	26.70	1.40	sP	11	36.91	6.16	sP	12	19.35	6.20	PP	12	58.30	8.45
S	20	24.88	11.73	PP	13	36.77	8.61	PP	13	18.67	8.56	sP	13	15.53	6.27
PnS	20	49.51	13.34	PKiKP	17	12.92	1.40	PKiKP	16	48.94	1.41	PKiKP	16	17.10	1.41
SPn	20	49.51	13.34	pPKiKP	17	40.48	1.40	pPKiKP	18	04.47	1.40	S	18	36.18	11.33
PnS	20	49.57	13.60	sPKiKP	17	50.83	1.40	sPKiKP	18	34.72	1.40	pPKiKP	18	36.31	1.39
SPn	20	49.57	13.60	S	20	03.21	11.68	S	19	24.90	11.56	SKiKP	18	54.36	1.46
PnS	20	49.62	13.53	SPn	20	28.64	13.31	SPn	19	52.22	13.22	SPn	19	07.27	13.04
SPn	20	49.62	13.53	SPn	20	28.85	13.59	SKiKP	19	53.24	1.46	SKSac	19	16.16	7.54
SKiKP	21	01.25	1.46	SPn	20	28.86	13.54	SKSac	20	10.96	7.55	SKKSac	19	16.28	7.58
SKSac	21	15.79	7.56	pS	20	33.34	11.88	SKKSac	20	11.04	7.58	ScS	19	18.08	7.95
SKKSac	21	15.84	7.58	SKiKP	20	37.13	1.46	ScS	20	12.41	7.91	sPKiKP	19	33.62	1.40
ScS	21	16.93	7.88	PnS	20	43.58	13.17	sS	21	24.60	11.91	pSKSac	22	10.64	7.59
SS	24	53.93	15.40	sS	20	46.53	11.78	pSKSac	21	47.36	7.58	sS	22	12.10	12.16
PKKPdf	31	00.28	-1.46	SKSac	20	52.63	7.56	sSKSac	22	20.61	7.57	sSKSac	23	15.38	7.58
PKKSdf	34	34.84	-1.40	SKKSac	20	52.69	7.58	SS	24	00.81	15.31	SS	23	21.99	15.17
SKKPdf	34	34.84	-1.40	ScS	20	53.86	7.89	PKKPdf	30	22.53	-1.46	PKKPdf	29	50.72	-1.45
SKKSdf	38	09.19	-1.34	pSKSac	21	27.76	7.57	SKKPdf	33	26.82	-1.40	SKKPdf	32	27.92	-1.40
P’P’bc	39	16.95	-3.43	sSKSac	21	38.94	7.56	PKKSdf	33	57.08	-1.40	PKKSdf	33	25.23	-1.39
P’P’ab	39	16.95	-3.52	SS	24	34.29	15.37	SKKSdf	37	01.16	-1.34	SKKSdf	36	02.26	-1.34
P’P’df	39	18.37	-1.73	PKKPdf	30	46.51	-1.46	P’P’bc	38	40.10	-3.21	P’P’df	38	09.00	-1.72
S’S’df	53	39.33	-1.48	SKKPdf	34	10.72	-1.40	P’P’ab	38	40.34	-3.69	P’P’bc	38	09.34	-3.10
				PKKSdf	34	21.07	-1.40	P’P’df	38	40.71	-1.72	P’P’ab	38	10.15	-3.79
				SKKSdf	37	45.06	-1.34	S’S’df	52	31.33	-1.48	S’S’df	51	32.44	-1.47
				P’P’bc	39	03.46	-3.33								
				P’P’ab	39	03.50	-3.60								
				P’P’df	39	04.63	-1.72								
				S’S’df	53	15.21	-1.48								

Delta : 72.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	11	25.55	6.00	P	11	12.85	5.97	P	10	51.39	5.90	P	10	24.15	5.77
PcP	11	44.15	4.26	PcP	11	30.88	4.26	PcP	11	08.09	4.27	PcP	10	38.51	4.29
PP	14	05.31	8.57	pP	11	38.24	6.03	pP	11	59.58	6.10	pP	12	26.17	6.25
PKiKP	17	29.54	1.43	sP	11	49.08	6.02	sP	12	31.60	6.05	PP	13	15.14	8.39
S	20	48.11	11.50	PP	13	53.93	8.55	PP	13	35.73	8.50	sP	13	27.92	6.12
SKiKP	21	04.20	1.49	PKiKP	17	15.76	1.43	PKiKP	16	51.78	1.44	PKiKP	16	19.96	1.44
SPn	21	16.05	13.20	pPKiKP	17	43.31	1.43	pPKiKP	18	07.29	1.43	pPKiKP	18	39.12	1.42
PnS	21	16.05	13.20	sPKiKP	17	53.66	1.43	sPKiKP	18	37.55	1.43	SKiKP	18	57.32	1.50
SKSac	21	30.89	7.54	S	20	26.34	11.45	S	19	47.79	11.33	S	18	58.61	11.10
SKKSac	21	31.01	7.58	SKiKP	20	40.08	1.49	SKiKP	19	56.19	1.49	SKSac	19	31.20	7.51
ScS	21	32.76	7.95	SPn	20	55.11	13.17	SPn	20	18.52	13.08	SKKSac	19	31.44	7.57
SS	25	24.65	15.32	pS	20	56.86	11.64	SKSac	20	26.04	7.52	SPn	19	33.19	12.87
PKKPdf	30	57.32	-1.50	SKSac	21	07.73	7.53	SKKSac	20	26.20	7.58	ScS	19	34.05	8.01
PKKPbc	31	13.06	-2.07	SKKSac	21	07.86	7.58	ScS	20	28.30	7.98	sPKiKP	19	36.44	1.43
SKKPdf	34	32.00	-1.44	ScS	21	09.71	7.96	sS	21	48.18	11.67	pSKSac	22	25.81	7.58
PKKSdf	34	32.00	-1.44	PnS	21	09.80	13.05	pSKSac	22	02.50	7.56	sS	22	36.18	11.92
SKKSdf	38	06.47	-1.38	sS	21	09.86	11.55	sSKSac	22	35.73	7.55	sSKSac	23	30.51	7.56
P’P’df	39	14.90	-1.75	pSKSac	21	42.87	7.54	SS	24	31.35	15.23	SS	23	52.25	15.09
S’S’df	53	36.35	-1.51	sSKSac	21	54.05	7.54	PKKPdf	30	19.59	-1.49	PKKPdf	29	47.78	-1.48
S’S’ac	53	51.56	-2.08	SS	25	04.96	15.29	SKKPdf	33	23.99	-1.43	SKKPdf	32	25.10	-1.43
				PKKPdf	30	43.56	-1.49	PKKSdf	33	54.25	-1.43	PKKSdf	33	22.42	-1.42
				SKKPdf	34	07.88	-1.43	SKKSdf	36	58.45	-1.37	SKKSdf	35	59.54	-1.37
				PKKSdf	34	18.23	-1.43	P’P’df	38	37.24	-1.74	P’P’df	38	05.55	-1.74
				SKKSdf	37	42.34	-1.38	S’S’df	52	28.34	-1.51	S’S’df	51	29.47	-1.50
				P’P’df	39	01.16	-1.75	S’S’ac	52	43.67	-2.08	S’S’ac	51	44.95	-2.07
				S’S’df	53	12.22	-1.51								
				S’S’ac	53	27.48	-2.08								

Delta : 74.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	11	37.40	5.85	P	11	24.64	5.82	P	11	03.04	5.75	P	10	35.55	5.63
PcP	11	52.70	4.29	PcP	11	39.43	4.29	PcP	11	16.66	4.30	PcP	10	47.11	4.32
PP	14	22.39	8.51	pP	11	50.15	5.88	pP	12	11.63	5.95	pP	12	38.51	6.10
PKiKP	17	32.43	1.46	sP	12	00.96	5.87	sP	12	43.56	5.90	PP	13	31.85	8.32
SKiKP	21	07.21	1.52	PP	14	10.96	8.49	PP	13	52.66	8.44	sP	13	40.01	5.97
S	21	10.87	11.26	PKiKP	17	18.66	1.46	PKiKP	16	54.68	1.47	PKiKP	16	22.87	1.47
SPn	21	42.33	13.06	pPKiKP	17	46.20	1.46	pPKiKP	18	10.18	1.46	pPKiKP	18	42.00	1.45
PnS	21	42.33	13.06	sPKiKP	17	56.56	1.46	sPKiKP	18	40.44	1.46	SKiKP	19	00.34	1.53
SKSac	21	45.93	7.51	SKiKP	20	43.09	1.52	SKiKP	19	59.21	1.52	S	19	20.59	10.88
SKKSac	21	46.16	7.57	S	20	48.99	11.21	S	20	10.20	11.09	sPKiKP	19	39.33	1.46
ScS	21	48.71	8.01	pS	21	19.90	11.40	SKSac	20	41.06	7.49	SKSac	19	46.17	7.43
SS	25	55.21	15.24	SPn	21	21.31	13.02	SKKSac	20	41.35	7.57	SKKSac	19	46.58	7.57
PKKPdf	30	54.30	-1.53	SKSac	21	22.76	7.50	ScS	20	44.32	8.04	ScS	19	50.13	8.07
PKKPbc	31	08.88	-2.11	SKKSac	21	23.01	7.57	SPn	20	44.52	12.91	SPn	19	58.76	12.70
SKKPdf	34	29.10	-1.47	ScS	21	25.68	8.02	pS	21	30.45	11.97	pSKSac	22	40.96	7.57
PKKSdf	34	29.10	-1.47	sS	21	32.72	11.31	pS	21	30.60	12.28	sS	22	59.78	11.68
SKKSdf	38	03.68	-1.41	PnS	21	35.73	12.88	sS	22	11.29	11.43	sSKSac	23	45.61	7.54
P’P’df	39	11.38	-1.77	pSKSac	21	57.93	7.52	pSKSac	22	17.59	7.54	SS	24	22.34	15.00
S’S’df	53	33.29	-1.54	sSKSac	22	09.10	7.51	sSKSac	22	50.80	7.52	PKKPdf	29	44.78	-1.52
S’S’ac	53	47.35	-2.12	SS	25	35.46	15.21	SS	25	01.72	15.14	PKKPbc	29	59.85	-2.09
				PKKPdf	30	40.54	-1.53	PKKPdf	30	16.57	-1.52	SKKPdf	32	22.21	-1.46
				PKKPbc	30	55.18	-2.11	PKKPbc	30	31.37	-2.10	PKKSdf	33	19.54	-1.46
				SKKPdf	34	04.98	-1.47	SKKPdf	33	21.09	-1.46	SKKSdf	35	56.77	-1.40
				PKKSdf	34	15.33	-1.47	PKKSdf	33	51.36	-1.46	P’P’df	38	02.05	-1.76
				SKKSdf	37	39.56	-1.41	SKKSdf	36	55.66	-1.41	S’S’df	51	26.43	-1.54
				P’P’df	38	57.64	-1.77	P’P’df	38	33.74	-1.76	S’S’ac	51	40.76	-2.11
				S’S’df	53	09.17	-1.54	S’S’df	52	25.29	-1.54				
				S’S’ac	53	23.27	-2.12	S’S’ac	52	39.48	-2.12				

Delta : 76.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	11	48.96	5.70	P	11	36.14	5.68	P	11	14.41	5.61	P	10	46.67	5.49
PcP	12	01.30	4.32	PcP	11	48.04	4.32	PcP	11	25.29	4.33	PcP	10	55.77	4.34
PP	14	39.34	8.44	pP	12	01.76	5.73	pP	12	23.38	5.80	pP	12	50.55	5.94
PKiKP	17	35.39	1.49	sP	12	12.55	5.72	sP	12	55.21	5.75	PP	13	48.43	8.26
SKiKP	21	10.28	1.55	PP	14	27.87	8.42	PP	14	09.47	8.37	sP	13	51.80	5.82
S	21	33.15	11.02	PKiKP	17	21.62	1.49	PKiKP	16	57.65	1.50	PKiKP	16	25.85	1.50
SKSac	22	00.90	7.44	pPKiKP	17	49.16	1.49	pPKiKP	18	13.13	1.49	pPKiKP	18	44.93	1.48
SKKSac	22	01.30	7.57	sPKiKP	17	59.51	1.49	sPKiKP	18	43.39	1.49	SKiKP	19	03.42	1.55
ScS	22	04.78	8.06	SKiKP	20	46.16	1.55	SKiKP	20	02.28	1.55	S	19	42.11	10.65
SPn	22	08.27	12.88	S	21	11.17	10.97	S	20	32.16	10.86	sPKiKP	19	42.27	1.49
PnS	22	08.27	12.88	SKSac	21	37.71	7.40	SKSac	20	55.92	7.32	SKSac	20	00.80	7.21
SS	26	25.60	15.15	SKKSac	21	38.15	7.57	SKKSac	20	56.48	7.56	SKKSac	20	01.70	7.56
PKKPdf	30	51.21	-1.56	ScS	21	41.77	8.07	ScS	21	00.44	8.09	ScS	20	06.32	8.12
PKKPbc	31	04.62	-2.15	pS	21	42.44	11.15	SPn	21	10.15	12.73	SPn	20	24.00	12.55
SKKPdf	34	26.14	-1.50	SPn	21	47.16	12.83	pS	21	54.03	11.62	pSKSac	22	56.07	7.55
PKKSdf	34	26.14	-1.50	sS	21	55.10	11.07	PnS	21	55.13	12.24	sS	23	22.90	11.43
SKKSdf	38	00.83	-1.44	PnS	22	01.34	12.72	pSKSac	22	32.63	7.51	sSKSac	24	00.66	7.51
P’P’df	39	07.83	-1.79	pSKSac	22	12.93	7.47	sS	22	33.91	11.19	SS	24	52.25	14.91
S’S’df	53	30.17	-1.58	sSKSac	22	24.09	7.46	sSKSac	23	05.81	7.49	PKKPdf	29	41.72	-1.55
S’S’ac	53	43.07	-2.16	SS	26	05.80	15.13	SS	25	31.92	15.06	PKKPbc	29	55.63	-2.13
				PKKPdf	30	37.45	-1.56	PKKPdf	30	13.50	-1.56	SKKPdf	32	19.25	-1.49
				PKKPbc	30	50.93	-2.15	PKKPbc	30	27.13	-2.14	PKKSdf	33	16.59	-1.49
				SKKPdf	34	02.01	-1.50	SKKPdf	33	18.13	-1.50	SKKSdf	35	53.93	-1.44
				PKKSdf	34	12.37	-1.50	PKKSdf	33	48.40	-1.49	P’P’df	37	58.51	-1.78
				SKKSdf	37	36.71	-1.44	SKKSdf	36	52.82	-1.44	S’S’df	51	23.32	-1.57
				P’P’df	38	54.09	-1.78	P’P’df	38	30.19	-1.78	S’S’ac	51	36.49	-2.15
				S’S’df	53	06.05	-1.57	S’S’df	52	22.18	-1.57				
				S’S’ac	53	18.99	-2.16	S’S’ac	52	35.20	-2.16				

Delta : 78.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	12	00.22	5.56	P	11	47.35	5.53	P	11	25.49	5.47	P	10	57.52	5.35
PcP	12	09.96	4.34	PcP	11	56.70	4.34	PcP	11	33.97	4.35	PcP	11	04.48	4.36
PP	14	56.16	8.38	pP	12	13.08	5.58	pP	12	34.83	5.65	pP	13	02.28	5.78
PKiKP	17	38.40	1.52	sP	12	23.84	5.57	sP	13	06.57	5.61	sP	14	03.28	5.67
SKiKP	21	13.40	1.58	PP	14	44.65	8.36	PP	14	26.14	8.30	PP	14	04.88	8.19
S	21	54.95	10.78	PKiKP	17	24.64	1.52	PKiKP	17	00.67	1.53	PKiKP	16	28.88	1.53
SKSac	22	15.53	7.21	pPKiKP	17	52.17	1.52	pPKiKP	18	16.13	1.52	pPKiKP	18	47.93	1.51
SKKSac	22	16.43	7.56	sPKiKP	18	02.52	1.52	sPKiKP	18	46.40	1.52	SKiKP	19	06.56	1.58
ScS	22	20.96	8.11	SKiKP	20	49.29	1.58	SKiKP	20	05.41	1.58	sPKiKP	19	45.28	1.52
SPn	22	33.85	12.70	S	21	32.88	10.73	S	20	53.64	10.62	S	20	03.17	10.42
PnS	22	33.85	12.70	SKSac	21	52.28	7.18	SKSac	21	10.36	7.12	SKSac	20	15.01	6.99
SS	26	55.82	15.07	SKKSac	21	53.27	7.56	SKKSac	21	11.60	7.55	SKKSac	20	16.81	7.55
PKKPdf	30	48.06	-1.59	ScS	21	57.96	8.12	ScS	21	16.66	8.13	ScS	20	22.60	8.16
PKKPbc	31	00.29	-2.19	pS	22	04.50	10.91	SPn	21	35.45	12.57	SPn	20	48.95	12.40
SKKPdf	34	23.11	-1.53	SPn	22	12.65	12.66	pS	22	16.97	11.32	pSKSac	23	11.14	7.52
PKKSdf	34	23.11	-1.53	sS	22	17.01	10.83	PnS	22	19.53	12.15	sS	23	45.51	11.18
SKKPbc	34	38.10	-2.08	PnS	22	26.62	12.57	pSKSac	22	47.59	7.41	sSKSac	24	15.64	7.44
PKKSbc	34	38.10	-2.08	pSKSac	22	27.67	7.26	sS	22	56.05	10.95	SS	25	21.98	14.82
SKKSdf	37	57.92	-1.47	sSKSac	22	38.78	7.23	sSKSac	23	20.63	7.29	PKKPdf	29	38.59	-1.58
P’P’df	39	04.24	-1.80	SS	26	35.96	15.04	SS	26	01.95	14.97	PKKPbc	29	51.34	-2.17
S’S’df	53	26.99	-1.61	PKKPdf	30	34.30	-1.59	PKKPdf	30	10.35	-1.59	SKKPdf	32	16.24	-1.52
S’S’ac	53	38.70	-2.20	PKKPbc	30	46.59	-2.19	PKKPbc	30	22.81	-2.18	PKKSdf	33	13.59	-1.52
				SKKPdf	33	58.99	-1.53	SKKPdf	33	15.11	-1.53	SKKSdf	35	51.03	-1.47
				PKKSdf	34	09.34	-1.53	SKKPbc	33	30.21	-2.07	P’P’df	37	54.94	-1.79
				SKKPbc	34	14.01	-2.07	PKKSdf	33	45.38	-1.52	S’S’df	51	20.15	-1.60
				PKKSbc	34	24.40	-2.07	PKKSbc	34	00.57	-2.07	S’S’ac	51	32.15	-2.19
				SKKSdf	37	33.80	-1.47	SKKSdf	36	49.91	-1.47				
				P’P’df	38	50.51	-1.80	P’P’df	38	26.61	-1.80				
				S’S’df	53	02.87	-1.61	S’S’df	52	19.00	-1.60				
				S’S’ac	53	14.63	-2.20	S’S’ac	52	30.84	-2.20				

Delta : 80.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	12	11.19	5.41	P	11	58.26	5.38	P	11	36.28	5.32	P	11	08.07	5.20
PcP	12	18.66	4.36	PcP	12	05.41	4.36	PcP	11	42.69	4.37	PcP	11	13.22	4.38
PP	15	12.84	8.31	pP	12	24.10	5.44	pP	12	45.98	5.50	pP	13	13.69	5.63
PKiKP	17	41.47	1.55	sP	12	34.84	5.43	sP	13	17.63	5.46	sP	14	14.47	5.52
SKiKP	21	16.59	1.61	PP	15	01.30	8.29	PP	14	42.68	8.24	PP	14	21.20	8.13
S	22	16.28	10.55	PKiKP	17	27.71	1.55	PKiKP	17	03.75	1.55	PKiKP	16	31.98	1.56
SKSac	22	29.73	6.98	pPKiKP	17	55.24	1.55	pPKiKP	18	19.19	1.55	pPKiKP	18	50.98	1.54
SKKSac	22	31.54	7.55	sPKiKP	18	05.59	1.55	sPKiKP	18	49.47	1.55	SKiKP	19	09.75	1.61
ScS	22	37.23	8.15	SKiKP	20	52.47	1.61	SKiKP	20	08.60	1.61	sPKiKP	19	48.34	1.54
SPn	22	59.10	12.54	S	21	54.11	10.50	S	21	14.65	10.39	S	20	23.77	10.18
PnS	22	59.10	12.54	SKSac	22	06.42	6.95	SKSac	21	24.36	6.88	SKSac	20	28.76	6.76
SS	27	25.86	14.97	SKKSac	22	08.38	7.55	SKKSac	21	26.70	7.54	SKKSac	20	31.90	7.54
PKKPdf	30	44.85	-1.62	ScS	22	14.24	8.16	ScS	21	32.97	8.17	ScS	20	38.96	8.20
PKKPbc	30	55.87	-2.23	pS	22	26.06	10.66	SPn	22	00.43	12.42	SPn	21	13.59	12.25
SKKPdf	34	20.02	-1.56	SPn	22	37.82	12.50	pS	22	39.32	11.03	pSKSac	23	26.14	7.48
PKKSdf	34	20.02	-1.56	sS	22	38.43	10.59	PnS	22	43.73	12.05	sS	24	07.63	10.93
SKKPbc	34	33.91	-2.12	pSKSac	22	41.98	7.04	pSKSac	23	02.17	7.18	sSKSac	24	30.26	7.20
PKKSbc	34	33.91	-2.12	PnS	22	51.61	12.42	sS	23	17.70	10.70	SS	25	51.52	14.73
SKKSdf	37	54.95	-1.50	sSKSac	22	53.03	7.01	sSKSac	23	35.01	7.08	PKKPdf	29	35.39	-1.61
P’P’df	39	00.63	-1.82	SS	27	05.94	14.94	SS	26	31.79	14.87	PKKPbc	29	46.96	-2.21
S’S’df	53	23.75	-1.64	PKKPdf	30	31.09	-1.62	PKKPdf	30	07.15	-1.62	SKKPdf	32	13.16	-1.55
S’S’ac	53	34.26	-2.24	PKKPbc	30	42.18	-2.23	PKKPbc	30	18.41	-2.22	SKKPbc	32	27.31	-2.10
				SKKPdf	33	55.90	-1.56	SKKPdf	33	12.02	-1.56	PKKSdf	33	10.52	-1.55
				PKKSdf	34	06.25	-1.56	SKKPbc	33	26.03	-2.11	PKKSbc	33	24.89	-2.10
				SKKPbc	34	09.83	-2.11	PKKSdf	33	42.30	-1.56	SKKSdf	35	48.06	-1.50
				PKKSbc	34	20.21	-2.11	PKKSbc	33	56.40	-2.11	P’P’df	37	51.33	-1.81
				SKKSdf	37	30.82	-1.50	SKKSdf	36	46.94	-1.50	S’S’df	51	16.92	-1.63
				P’P’df	38	46.89	-1.82	P’P’df	38	23.00	-1.81	S’S’ac	51	27.73	-2.23
				S’S’df	52	59.63	-1.63	S’S’df	52	15.77	-1.63				
				S’S’ac	53	10.18	-2.24	S’S’ac	52	26.41	-2.24				

Delta : 82.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	12	21.85	5.26	P	12	08.88	5.23	P	11	46.77	5.17	P	11	18.33	5.05
PcP	12	27.40	4.38	PcP	12	14.15	4.38	PcP	11	51.44	4.39	PcP	11	21.99	4.40
PP	15	29.39	8.24	pP	12	34.82	5.28	pP	12	56.84	5.35	pP	13	24.80	5.48
PKiKP	17	44.60	1.58	sP	12	45.53	5.27	sP	13	28.39	5.30	sP	14	25.35	5.37
SKiKP	21	19.83	1.63	PP	15	17.80	8.22	PP	14	59.09	8.17	PP	14	37.39	8.06
S	22	37.13	10.30	PKiKP	17	30.84	1.58	PKiKP	17	06.89	1.58	PKiKP	16	35.12	1.59
SKSac	22	43.44	6.73	pPKiKP	17	58.36	1.58	pPKiKP	18	22.31	1.57	pPKiKP	18	54.09	1.57
SKKSac	22	46.62	7.54	sPKiKP	18	08.72	1.58	sPKiKP	18	52.59	1.57	SKiKP	19	13.00	1.64
ScS	22	53.57	8.19	SKiKP	20	55.71	1.63	SKiKP	20	11.84	1.63	sPKiKP	19	51.45	1.57
SPn	23	24.03	12.39	S	22	14.86	10.25	S	21	35.18	10.14	SKSac	20	42.03	6.52
PnS	23	24.03	12.39	SKSac	22	20.07	6.71	SKSac	21	37.88	6.64	S	20	43.88	9.94
SS	27	55.71	14.88	SKKSac	22	23.46	7.54	SKKSac	21	41.78	7.53	SKKSac	20	46.96	7.53
PKKPdf	30	41.57	-1.65	ScS	22	30.60	8.20	ScS	21	49.35	8.21	ScS	20	55.39	8.23
PKKPbc	30	51.36	-2.28	pS	22	47.14	10.41	SPn	22	25.11	12.26	SPn	21	37.93	12.10
SKKPdf	34	16.86	-1.59	pSKSac	22	55.81	6.79	pS	23	01.10	10.75	pSKSac	23	40.86	7.24
PKKSdf	34	16.86	-1.59	sS	22	59.38	10.35	PnS	23	07.71	11.93	sS	24	29.24	10.68
SKKPbc	34	29.64	-2.15	SPn	23	02.68	12.35	pSKSac	23	16.29	6.94	sSKSac	24	44.44	6.96
PKKSbc	34	29.64	-2.15	sSKSac	23	06.80	6.76	sS	23	38.87	10.46	SS	26	20.88	14.63
SKKSdf	37	51.91	-1.53	PnS	23	16.30	12.27	sSKSac	23	48.92	6.83	PKKPdf	29	32.14	-1.64
P’P’df	38	56.98	-1.83	SS	27	35.74	14.85	SS	27	01.44	14.78	PKKPbc	29	42.50	-2.25
S’S’df	53	20.45	-1.66	PKKPdf	30	27.82	-1.65	PKKPdf	30	03.89	-1.64	SKKPdf	32	10.02	-1.59
S’S’ac	53	29.72	-2.29	PKKPbc	30	37.68	-2.27	PKKPbc	30	13.92	-2.27	SKKPbc	32	23.06	-2.14
				SKKPdf	33	52.75	-1.59	SKKPdf	33	08.88	-1.59	PKKSdf	33	07.39	-1.58
				PKKSdf	34	03.10	-1.59	SKKPbc	33	21.77	-2.15	PKKSbc	33	20.66	-2.13
				SKKPbc	34	05.56	-2.15	PKKSdf	33	39.16	-1.59	SKKSdf	35	45.04	-1.53
				PKKSbc	34	15.95	-2.15	PKKSbc	33	52.15	-2.14	P’P’df	37	47.70	-1.82
				SKKSdf	37	27.79	-1.53	SKKSdf	36	43.91	-1.53	S’S’df	51	13.63	-1.66
				P’P’df	38	43.25	-1.83	P’P’df	38	19.36	-1.83	S’S’ac	51	23.22	-2.28
				S’S’df	52	56.34	-1.66	S’S’df	52	12.47	-1.66				
				S’S’ac	53	05.65	-2.29	S’S’ac	52	21.89	-2.28				

Delta : 84.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	12	32.22	5.10	P	12	19.19	5.08	P	11	56.96	5.01	P	11	28.29	4.91
PcP	12	36.17	4.39	PcP	12	22.93	4.40	PcP	12	00.23	4.40	PcP	11	30.80	4.41
PP	15	45.80	8.17	pP	12	45.23	5.13	pP	13	07.38	5.19	pP	13	35.60	5.32
PKiKP	17	47.78	1.60	sP	12	55.92	5.12	sP	13	38.85	5.15	sP	14	35.93	5.21
SKiKP	21	23.12	1.66	PP	15	34.17	8.15	PP	15	15.36	8.10	PP	14	53.44	7.99
SKSac	22	56.66	6.49	PKiKP	17	34.02	1.61	PKiKP	17	10.08	1.61	PKiKP	16	38.33	1.61
S	22	57.47	10.05	pPKiKP	18	01.54	1.60	pPKiKP	18	25.49	1.60	pPKiKP	18	57.25	1.59
SKKSac	23	01.69	7.53	sPKiKP	18	11.90	1.60	sPKiKP	18	55.77	1.60	SKiKP	19	16.30	1.66
ScS	23	10.00	8.23	SKiKP	20	59.00	1.66	SKiKP	20	15.14	1.66	sPKiKP	19	54.62	1.60
PnS	23	48.65	12.23	SKSac	22	33.23	6.46	SKSac	21	50.91	6.40	SKSac	20	54.84	6.29
SPn	23	48.65	12.23	S	22	35.11	10.00	S	21	55.21	9.89	SKKSac	21	02.00	7.51
SS	28	25.38	14.78	SKKSac	22	38.52	7.52	SKKSac	21	56.83	7.52	S	21	03.52	9.69
PKKPdf	30	38.25	-1.67	ScS	22	47.03	8.23	ScS	22	05.81	8.24	ScS	21	11.88	8.26
PKKPbc	30	46.76	-2.33	pS	23	07.71	10.15	SPn	22	49.49	12.11	SPn	22	01.98	11.95
SKKPdf	34	13.65	-1.62	pSKSac	23	09.14	6.54	pS	23	22.34	10.49	pSKSac	23	55.10	6.99
PKKSdf	34	13.65	-1.62	sS	23	19.81	10.09	pSKSac	23	29.91	6.68	sS	24	50.36	10.43
SKKPbc	34	25.30	-2.19	sSKSac	23	20.08	6.52	PnS	23	31.44	11.81	sSKSac	24	58.12	6.71
PKKSbc	34	25.30	-2.19	SPn	23	27.22	12.20	sS	23	59.54	10.20	SS	26	50.04	14.53
SKKSdf	37	48.82	-1.56	PnS	23	40.70	12.12	sSKSac	24	02.34	6.58	PKKPdf	29	28.84	-1.66
SKKSac	38	03.14	-2.08	SS	28	05.34	14.75	SS	27	30.91	14.68	PKKPbc	29	37.95	-2.30
P’P’df	38	53.31	-1.84	PKKPdf	30	24.50	-1.67	PKKPdf	30	00.57	-1.67	SKKPdf	32	06.82	-1.61
S’S’df	53	17.10	-1.68	PKKPbc	30	33.08	-2.32	PKKPbc	30	09.34	-2.31	SKKPbc	32	18.75	-2.18
S’S’ac	53	25.10	-2.34	SKKPdf	33	49.54	-1.62	SKKPdf	33	05.67	-1.62	PKKSdf	33	04.20	-1.61
				PKKSdf	33	59.90	-1.62	SKKPbc	33	17.44	-2.18	PKKSbc	33	16.36	-2.17
				SKKPbc	34	01.22	-2.19	PKKSdf	33	35.95	-1.62	SKKSdf	35	41.96	-1.56
				PKKSbc	34	11.61	-2.19	PKKSbc	33	47.83	-2.18	SKKSac	35	56.53	-2.07
				SKKSdf	37	24.70	-1.56	SKKSdf	36	40.83	-1.56	P’P’df	37	44.04	-1.84
				SKKSac	37	39.06	-2.08	SKKSac	36	55.25	-2.08	S’S’df	51	10.30	-1.68
				P’P’df	38	39.58	-1.84	P’P’df	38	15.69	-1.84	S’S’ac	51	18.62	-2.32
				S’S’df	52	52.99	-1.68	S’S’df	52	09.13	-1.68				
				S’S’ac	53	01.03	-2.34	S’S’ac	52	17.27	-2.33				

Delta : 86.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	12	42.26	4.95	P	12	29.19	4.93	P	12	06.84	4.87	P	11	37.92	4.72
PcP	12	44.97	4.41	PcP	12	31.74	4.41	PcP	12	09.04	4.41	PcP	11	39.63	4.42
PP	16	02.08	8.10	pP	12	55.33	4.97	pP	13	17.60	5.03	pP	13	46.07	5.16
PKiKP	17	51.02	1.63	sP	13	06.00	4.96	sP	13	48.99	4.99	sP	14	46.19	5.05
SKiKP	21	26.46	1.68	PP	15	50.41	8.08	PP	15	31.49	8.03	PP	15	09.36	7.92
SKSac	23	09.40	6.25	PKiKP	17	37.26	1.63	PKiKP	17	13.32	1.63	PKiKP	16	41.58	1.64
SKKSac	23	16.73	7.51	pPKiKP	18	04.77	1.63	pPKiKP	18	28.71	1.63	pPKiKP	19	00.46	1.62
S	23	17.31	9.79	sPKiKP	18	15.13	1.63	sPKiKP	18	59.00	1.63	SKiKP	19	19.66	1.69
ScS	23	26.48	8.25	SKiKP	21	02.35	1.68	SKiKP	20	18.49	1.69	sPKiKP	19	57.85	1.62
PnS	24	12.96	12.08	SKSac	22	45.92	6.23	SKSac	22	03.48	6.17	SKSac	21	07.19	6.07
SPn	24	12.96	12.08	SKKSac	22	53.56	7.51	SKKSac	22	11.86	7.51	SKKSac	21	17.01	7.50
SS	28	54.85	14.69	S	22	54.86	9.75	S	22	14.74	9.64	S	21	22.65	9.44
PKKPdf	30	34.88	-1.70	ScS	23	03.52	8.26	ScS	22	22.31	8.27	ScS	21	28.42	8.28
PKKPbc	30	42.05	-2.38	pSKSac	23	21.98	6.30	SPn	23	13.56	11.96	SPn	22	25.73	11.80
SKKPdf	34	10.39	-1.65	pS	23	27.76	9.90	pSKSac	23	43.01	6.43	SP	22	26.40	11.12
PKKSdf	34	10.39	-1.65	sSKSac	23	32.87	6.28	pS	23	43.03	10.20	pSKSac	24	08.80	6.71
SKKPbc	34	20.89	-2.23	sS	23	39.75	9.84	PS	23	54.82	11.11	sS	25	10.96	10.16
PKKSbc	34	20.89	-2.23	SPn	23	51.46	12.04	PnS	23	54.93	11.68	sSKSac	25	11.28	6.46
SKKSdf	37	45.67	-1.59	PnS	24	04.80	11.97	sSKSac	24	15.26	6.34	SS	27	19.01	14.44
SKKSac	37	58.94	-2.12	SS	28	34.75	14.66	sS	24	19.69	9.95	PKKPdf	29	25.49	-1.69
P’P’df	38	49.62	-1.85	PKKPdf	30	21.13	-1.70	SS	28	00.17	14.59	PKKPbc	29	33.31	-2.35
S’S’df	53	13.71	-1.71	PKKPbc	30	28.39	-2.37	PKKPdf	29	57.21	-1.69	SKKPdf	32	03.56	-1.64
S’S’ac	53	20.37	-2.39	SKKPdf	33	46.27	-1.65	PKKPbc	30	04.66	-2.36	SKKPbc	32	14.35	-2.22
				PKKSdf	33	56.63	-1.64	SKKPdf	33	02.41	-1.64	PKKSdf	33	00.95	-1.64
				SKKPbc	33	56.81	-2.23	SKKPbc	33	13.03	-2.22	PKKSbc	33	11.98	-2.21
				PKKSbc	34	07.20	-2.23	PKKSdf	33	32.70	-1.64	SKKSdf	35	38.82	-1.58
				SKKSdf	37	21.55	-1.59	PKKSbc	33	43.43	-2.22	SKKSac	35	52.34	-2.11
				SKKSac	37	34.85	-2.12	SKKSdf	36	37.68	-1.59	P’P’df	37	40.36	-1.85
				P’P’df	38	35.89	-1.85	SKKSac	36	51.06	-2.12	S’S’df	51	06.92	-1.70
				S’S’df	52	49.60	-1.71	P’P’df	38	12.01	-1.85	S’S’ac	51	13.93	-2.37
				S’S’ac	52	56.31	-2.38	S’S’df	52	05.75	-1.70				
								S’S’ac	52	12.56	-2.38				

Delta : 88.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	12	51.99	4.75	P	12	38.85	4.73	P	12	16.37	4.70	P	11	47.30	4.66
PcP	12	53.80	4.42	PcP	12	40.57	4.42	PcP	12	17.88	4.42	PcP	11	48.48	4.43
PP	16	18.21	8.03	pP	13	05.12	4.79	pP	13	27.51	4.88	pP	13	56.22	4.99
PKiKP	17	54.30	1.66	sP	13	15.76	4.76	sP	13	58.82	4.83	sP	14	56.13	4.90
SKiKP	21	29.85	1.71	PP	16	06.50	8.01	PP	15	47.47	7.96	PP	15	25.13	7.85
SKSac	23	21.67	6.03	PKiKP	17	40.55	1.66	PKiKP	17	16.62	1.66	PKiKP	16	44.88	1.67
SKKSac	23	31.74	7.50	pPKiKP	18	08.06	1.65	pPKiKP	18	31.99	1.65	pPKiKP	19	03.73	1.65
S	23	36.64	9.53	sPKiKP	18	18.42	1.65	sPKiKP	19	02.28	1.65	SKiKP	19	23.06	1.71
ScS	23	43.01	8.28	SKiKP	21	05.74	1.71	SKiKP	20	21.89	1.71	sPKiKP	20	01.12	1.65
PnS	24	36.97	11.92	SKSac	22	58.15	6.01	SKSac	22	15.60	5.96	SKSac	21	19.12	5.87
SPn	24	36.97	11.92	SKKSac	23	08.56	7.49	SKKSac	22	26.85	7.49	SKKSac	21	31.98	7.48
SS	29	24.12	14.59	S	23	14.10	9.49	S	22	33.77	9.38	S	21	41.28	9.18
PKKPdf	30	31.47	-1.72	ScS	23	20.06	8.28	ScS	22	38.87	8.29	ScS	21	45.00	8.30
PKKPbc	30	37.25	-2.43	pSKSac	23	34.35	6.07	SPn	23	37.32	11.81	SP	22	48.62	11.10
SKKPdf	34	07.07	-1.67	sSKSac	23	45.20	6.05	SP	23	38.00	11.12	SPn	22	49.18	11.65
PKKSdf	34	07.07	-1.67	pS	23	47.30	9.64	pSKSac	23	55.63	6.18	pSKSac	24	21.95	6.44
SKKPbc	34	16.39	-2.27	sS	23	59.17	9.58	pS	24	03.16	9.93	sSKSac	25	23.95	6.21
PKKSbc	34	16.39	-2.27	SPn	24	15.39	11.89	PS	24	17.02	11.08	sS	25	31.02	9.90
SKKSdf	37	42.46	-1.62	PnS	24	28.60	11.83	PnS	24	18.16	11.54	SS	27	47.79	14.34
SKKSac	37	54.66	-2.15	SS	29	03.97	14.56	sSKSac	24	27.70	6.10	PKKPdf	29	22.09	-1.71
P’P’df	38	45.91	-1.86	PKKPdf	30	17.72	-1.72	sS	24	39.34	9.69	PKKPbc	29	28.56	-2.40
S’S’df	53	10.28	-1.73	PKKPbc	30	23.59	-2.43	SS	28	29.25	14.49	SKKPdf	32	00.26	-1.66
S’S’ac	53	15.55	-2.44	SKKPdf	33	42.96	-1.67	PKKPdf	29	53.80	-1.71	SKKPbc	32	09.88	-2.26
				SKKPbc	33	52.32	-2.27	PKKPbc	29	59.88	-2.42	PKKSdf	32	57.66	-1.66
				PKKSdf	33	53.32	-1.67	SKKPdf	32	59.10	-1.67	PKKSbc	33	07.53	-2.25
				PKKSbc	34	02.71	-2.27	SKKPbc	33	08.55	-2.27	SKKSdf	35	35.63	-1.61
				SKKSdf	37	18.35	-1.62	PKKSdf	33	29.39	-1.67	SKKSac	35	48.09	-2.15
				SKKSac	37	30.58	-2.15	PKKSbc	33	38.95	-2.26	P’P’df	37	36.66	-1.86
				P’P’df	38	32.18	-1.86	SKKSdf	36	34.48	-1.62	S’S’df	51	03.49	-1.72
				S’S’df	52	46.17	-1.73	SKKSac	36	46.79	-2.15	S’S’ac	51	09.14	-2.42
				S’S’ac	52	51.49	-2.44	P’P’df	38	08.30	-1.86				
								S’S’df	52	02.32	-1.73				
								S’S’ac	52	07.75	-2.43				

Delta : 90.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	13	01.40	4.67	P	12	48.24	4.66	P	12	25.71	4.64	P	11	56.58	4.62
PcP	13	02.64	4.43	PcP	12	49.41	4.43	PcP	12	26.73	4.43	PcP	11	57.34	4.44
PP	16	34.20	7.96	pP	13	14.56	4.68	pP	13	37.06	4.70	pP	14	06.04	4.82
PKiKP	17	57.64	1.68	sP	13	25.18	4.67	sP	14	08.28	4.68	sP	15	05.72	4.71
SKiKP	21	33.29	1.73	PP	16	22.45	7.94	PP	16	03.32	7.89	PP	15	40.77	7.78
SKSac	23	33.52	5.82	PKiKP	17	43.89	1.68	PKiKP	17	20.00	1.68	PKiKP	16	48.24	1.69
SKKSac	23	46.71	7.48	pPKiKP	18	11.39	1.68	pPKiKP	18	35.32	1.68	pPKiKP	19	07.04	1.67
S	23	55.44	9.27	sPKiKP	18	21.75	1.68	sPKiKP	19	05.61	1.68	SKiKP	19	26.51	1.74
ScS	23	59.59	8.30	SKiKP	21	09.18	1.73	SKiKP	20	25.33	1.73	sPKiKP	20	04.45	1.67
SPn	25	00.66	11.77	SKSac	23	09.95	5.80	SKSac	22	27.31	5.76	SKSac	21	30.66	5.67
PnS	25	00.66	11.77	SKKSac	23	23.53	7.47	SKKSac	22	41.81	7.47	SKKSac	21	46.90	7.45
PS	25	00.98	11.11	S	23	32.80	9.22	S	22	52.26	9.12	S	21	59.39	8.93
SP	25	00.98	11.11	ScS	23	36.65	8.30	ScS	22	55.47	8.31	ScS	22	01.62	8.32
SS	29	53.20	14.49	pSKSac	23	46.28	5.86	SP	24	00.22	11.10	SP	23	10.77	11.05
PKKPdf	30	28.01	-1.74	sSKSac	23	57.09	5.84	SPn	24	00.79	11.66	pSKSac	24	34.57	6.18
PKKPbc	30	32.33	-2.49	pS	24	06.30	9.37	pSKSac	24	07.77	5.96	sSKSac	25	36.14	5.99
PKKSdf	34	03.71	-1.69	sS	24	18.07	9.31	pS	24	22.74	9.65	sS	25	50.56	9.63
SKKPdf	34	03.71	-1.69	SPn	24	39.02	11.74	PS	24	39.13	11.03	SS	28	16.36	14.23
SKKPbc	34	11.80	-2.32	SP	24	39.05	11.11	sSKSac	24	39.69	5.89	PKKPdf	29	18.65	-1.73
PKKSbc	34	11.80	-2.32	PS	24	51.71	11.10	sS	24	58.45	9.42	PKKPbc	29	23.71	-2.45
SKKSdf	37	39.20	-1.64	PnS	24	52.10	11.68	SS	28	58.12	14.38	SKKPdf	31	56.91	-1.69
SKKSac	37	50.32	-2.19	SS	29	32.99	14.46	PKKPdf	29	50.35	-1.73	SKKPbc	32	05.32	-2.30
P’P’df	38	42.18	-1.87	PKKPdf	30	14.27	-1.74	PKKPbc	29	54.99	-2.47	PKKSdf	32	54.31	-1.68
S’S’df	53	06.81	-1.75	PKKPbc	30	18.68	-2.49	SKKPdf	32	55.74	-1.69	PKKSbc	33	02.99	-2.29
S’S’ac	53	10.61	-2.50	SKKPdf	33	39.60	-1.69	SKKPbc	33	03.97	-2.31	SKKSdf	35	32.37	-1.64
				SKKPbc	33	47.73	-2.31	PKKSdf	33	26.03	-1.69	SKKSac	35	43.76	-2.18
				PKKSdf	33	49.96	-1.69	PKKSbc	33	34.38	-2.30	P’P’df	37	32.94	-1.86
				PKKSbc	33	58.13	-2.31	SKKSdf	36	31.22	-1.64	S’S’df	51	00.03	-1.74
				SKKSdf	37	15.08	-1.64	SKKSac	36	42.46	-2.18	S’S’ac	51	04.24	-2.48
				SKKSac	37	26.24	-2.19	P’P’df	38	04.57	-1.87				
				P’P’df	38	28.45	-1.87	S’S’df	51	58.85	-1.74				
				S’S’df	52	42.70	-1.75	S’S’ac	52	02.83	-2.49				
				S’S’ac	52	46.56	-2.49								

Delta : 92.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	13	10.69	4.63	P	12	57.52	4.62	P	12	34.96	4.61	P	12	05.79	4.59
PcP	13	11.51	4.43	PcP	12	58.28	4.44	PcP	12	35.60	4.44	PcP	12	06.22	4.44
PP	16	50.05	7.89	pP	13	23.86	4.63	pP	13	46.40	4.64	pP	14	15.49	4.68
PKiKP	18	01.02	1.70	sP	13	34.48	4.63	sP	14	17.60	4.63	sP	15	15.07	4.65
SKiKP	21	36.78	1.75	PP	16	38.26	7.87	PP	16	19.03	7.82	PP	15	56.27	7.71
SKSac	23	44.97	5.63	PKiKP	17	47.27	1.70	PKiKP	17	23.35	1.71	PKiKP	16	51.64	1.71
SKKSac	24	01.64	7.45	pPKiKP	18	14.77	1.70	pPKiKP	18	38.69	1.70	pPKiKP	19	10.41	1.69
S	24	13.71	9.00	sPKiKP	18	25.13	1.70	sPKiKP	19	08.99	1.70	SKiKP	19	30.01	1.76
ScS	24	16.20	8.31	SKiKP	21	12.67	1.76	SKiKP	20	28.82	1.76	sPKiKP	20	07.82	1.70
PS	25	23.18	11.09	SKSac	23	21.36	5.61	SKSac	22	38.63	5.56	SKSac	21	41.82	5.49
SP	25	23.18	11.09	SKKSac	23	38.45	7.44	SKKSac	22	56.70	7.42	SKKSac	22	01.73	7.38
SPn	25	24.05	11.62	S	23	50.98	8.95	S	23	10.23	8.85	S	22	17.01	8.73
PnS	25	24.05	11.62	ScS	23	53.26	8.32	ScS	23	12.10	8.32	ScS	22	18.26	8.33
SS	30	22.08	14.39	pSKSac	23	57.80	5.66	pSKSac	24	19.48	5.75	SP	23	32.81	10.98
PKKPdf	30	24.52	-1.76	sSKSac	24	08.58	5.65	SP	24	22.37	11.05	pSKSac	24	46.69	5.95
PKKPbc	30	27.28	-2.55	pS	24	24.76	9.09	pS	24	41.74	9.36	sSKSac	25	47.90	5.78
PKKSdf	34	00.30	-1.71	sS	24	36.42	9.04	sSKSac	24	51.27	5.69	sS	26	09.56	9.36
SKKPdf	34	00.30	-1.71	SP	25	01.24	11.08	PS	25	01.11	10.95	SS	28	44.72	14.13
PKKSbc	34	07.12	-2.36	SPn	25	02.34	11.58	sS	25	17.02	9.15	PKKPdf	29	15.17	-1.75
SKKPbc	34	07.12	-2.36	PS	25	13.87	11.06	SS	29	26.78	14.28	PKKPbc	29	18.74	-2.52
SKKSdf	37	35.89	-1.67	SS	30	01.80	14.36	PKKPdf	29	46.87	-1.75	SKKPdf	31	53.51	-1.71
SKKSac	37	45.90	-2.23	PKKPdf	30	10.77	-1.76	PKKPbc	29	50.00	-2.54	SKKPbc	32	00.67	-2.35
P’P’df	38	38.44	-1.88	PKKPbc	30	13.65	-2.55	SKKPdf	32	52.34	-1.71	PKKSdf	32	50.92	-1.70
S’S’df	53	03.29	-1.76	SKKPdf	33	36.19	-1.71	SKKPbc	32	59.31	-2.35	PKKSbc	32	58.36	-2.34
S’S’ac	53	05.56	-2.56	SKKPbc	33	43.06	-2.36	PKKSdf	33	22.64	-1.71	SKKSdf	35	29.07	-1.66
				PKKSdf	33	46.56	-1.71	PKKSbc	33	29.73	-2.35	SKKSac	35	39.37	-2.22
				PKKSbc	33	53.46	-2.36	SKKSdf	36	27.91	-1.66	P’P’df	37	29.20	-1.87
				SKKSdf	37	11.78	-1.67	SKKSac	36	38.05	-2.22	S’S’df	50	56.52	-1.76
				SKKSac	37	21.83	-2.22	P’P’df	38	00.83	-1.87	S’S’ac	50	59.22	-2.54
				P’P’df	38	24.71	-1.88	S’S’df	51	55.34	-1.76				
				S’S’df	52	39.19	-1.76	S’S’ac	51	57.79	-2.55				
				S’S’ac	52	41.51	-2.55								

Delta : 94.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	13	19.91	4.60	P	13	06.73	4.59	P	12	44.15	4.58	P	12	14.93	4.54
PcP	13	20.38	4.44	PcP	13	07.15	4.44	PcP	12	44.48	4.44	PcP	12	15.10	4.44
PP	17	05.76	7.82	pP	13	33.09	4.60	pP	13	55.65	4.61	pP	14	24.80	4.63
PKiKP	18	04.45	1.73	sP	13	43.71	4.60	sP	14	26.84	4.60	sP	15	24.33	4.61
SKiKP	21	40.31	1.78	PP	16	53.92	7.80	PP	16	34.59	7.75	PP	16	11.63	7.64
SKSac	23	56.03	5.44	PKiKP	17	50.71	1.73	PKiKP	17	26.79	1.73	PKiKP	16	55.09	1.74
SKKSac	24	16.47	7.38	pPKiKP	18	18.20	1.73	pPKiKP	18	42.11	1.72	pPKiKP	19	13.82	1.72
S	24	31.43	8.75	sPKiKP	18	28.56	1.73	sPKiKP	19	12.42	1.72	SKiKP	19	33.55	1.78
ScS	24	32.84	8.33	SKiKP	21	16.21	1.78	SKiKP	20	32.36	1.78	sPKiKP	20	11.24	1.72
PS	25	45.30	11.03	SKSac	23	32.38	5.42	SKSac	22	49.57	5.38	SKSac	21	52.62	5.31
SP	25	45.30	11.03	SKKSac	23	53.26	7.37	SKKSac	23	11.47	7.35	SKKSac	22	16.43	7.32
PKKPdf	30	20.99	-1.77	S	24	08.63	8.73	S	23	27.74	8.70	S	22	34.37	8.63
PKKPbc	30	22.11	-2.62	pSKSac	24	08.93	5.47	ScS	23	28.75	8.33	ScS	22	34.92	8.34
SS	30	50.74	14.28	ScS	24	09.91	8.33	pSKSac	24	30.78	5.55	SP	23	54.68	10.89
SKKPdf	33	56.86	-1.73	sSKSac	24	19.68	5.46	SP	24	44.39	10.97	pSKSac	24	58.36	5.73
PKKSdf	33	56.86	-1.73	pS	24	42.67	8.81	pS	25	00.17	9.07	sSKSac	25	59.25	5.58
SKKPbc	34	02.36	-2.41	sS	24	54.23	8.78	sSKSac	25	02.46	5.50	sS	26	27.98	9.07
PKKSbc	34	02.36	-2.41	SP	25	23.33	11.01	PS	25	22.92	10.86	PKKPdf	29	11.66	-1.77
SKKSdf	37	32.53	-1.69	PS	25	35.92	10.99	sS	25	35.04	8.87	SS	29	12.88	14.03
SKKSac	37	41.41	-2.27	PKKPdf	30	07.25	-1.77	PKKPdf	29	43.34	-1.77	PKKPbc	29	13.64	-2.58
P’P’df	38	34.68	-1.88	PKKPbc	30	08.48	-2.62	PKKPbc	29	44.84	-2.60	SKKPdf	31	50.07	-1.73
S’S’df	52	59.75	-1.78	SS	30	30.40	14.25	SS	29	55.24	14.18	SKKPbc	31	55.93	-2.39
S’S’ac	53	00.38	-2.62	SKKPdf	33	32.75	-1.73	SKKPdf	32	48.89	-1.73	PKKSdf	32	47.49	-1.73
				SKKPbc	33	38.29	-2.41	SKKPbc	32	54.55	-2.40	PKKSbc	32	53.64	-2.38
				PKKSdf	33	43.11	-1.73	PKKSdf	33	19.20	-1.73	SKKSdf	35	25.73	-1.68
				PKKSbc	33	48.70	-2.41	PKKSbc	33	24.98	-2.40	SKKSac	35	34.90	-2.25
				SKKSdf	37	08.42	-1.69	SKKSdf	36	24.56	-1.69	P’P’df	37	25.45	-1.88
				SKKSac	37	17.34	-2.26	SKKSac	36	33.57	-2.26	S’S’df	50	52.99	-1.78
				P’P’df	38	20.95	-1.88	P’P’df	37	57.07	-1.88	S’S’ac	50	54.09	-2.60
				S’S’df	52	35.64	-1.78	S’S’df	51	51.80	-1.78				
				S’S’ac	52	36.34	-2.62	S’S’ac	51	52.64	-2.61				

Delta : 96.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	13	29.06	4.55	P	13	15.87	4.54	P	12	53.26	4.53	P	12	23.96	4.49
PcP	13	29.26	4.44	PcP	13	16.04	4.44	PcP	12	53.37	4.44	PcP	12	23.99	4.45
PP	17	21.32	7.74	pP	13	42.25	4.56	pP	14	04.84	4.58	pP	14	34.03	4.60
PKiKP	18	07.93	1.75	sP	13	52.86	4.55	sP	14	36.01	4.56	sP	15	33.53	4.58
SKiKP	21	43.89	1.80	PP	17	09.44	7.72	PP	16	50.01	7.67	PP	16	26.84	7.57
SKSac	24	06.73	5.26	PKiKP	17	54.18	1.75	PKiKP	17	30.28	1.75	PKiKP	16	58.58	1.76
SKKSac	24	31.16	7.32	pPKiKP	18	21.67	1.75	pPKiKP	18	45.58	1.75	pPKiKP	19	17.28	1.74
S	24	48.83	8.65	sPKiKP	18	32.04	1.75	sPKiKP	19	15.89	1.75	SKiKP	19	37.13	1.80
ScS	24	49.50	8.33	SKiKP	21	19.78	1.80	SKiKP	20	35.94	1.80	sPKiKP	20	14.71	1.74
PS	26	07.28	10.95	SKSac	23	43.04	5.24	SKSac	23	00.16	5.20	SKSac	22	03.07	5.14
SP	26	07.28	10.95	SKKSac	24	07.94	7.31	SKKSac	23	26.11	7.29	SKKSac	22	31.01	7.26
PKKPbc	30	16.79	-2.69	pSKSac	24	19.69	5.29	S	23	45.04	8.58	S	22	51.48	8.48
PKKPdf	30	17.43	-1.79	S	24	26.00	8.63	ScS	23	45.41	8.34	ScS	22	51.60	8.34
SS	31	19.20	14.17	ScS	24	26.57	8.34	pSKSac	24	41.70	5.36	SP	24	16.36	10.79
SKKPdf	33	53.37	-1.75	sSKSac	24	30.40	5.27	SP	25	06.26	10.88	pSKSac	25	09.61	5.52
PKKSdf	33	53.37	-1.75	pS	25	00.15	8.68	sSKSac	25	13.26	5.31	pS	25	35.86	9.58
SKKPbc	33	57.49	-2.46	sS	25	11.67	8.67	pS	25	18.01	8.78	pS	25	36.11	10.06
PKKSbc	33	57.49	-2.46	SP	25	45.28	10.93	PS	25	44.53	10.75	sSKSac	26	10.21	5.39
SKKSdf	37	29.14	-1.71	PS	25	57.82	10.90	sS	25	52.57	8.70	sS	26	45.84	8.79
SKKSac	37	36.84	-2.31	PKKPbc	30	03.18	-2.69	PKKPbc	29	39.57	-2.67	PKKPdf	29	08.11	-1.78
P’P’df	38	30.91	-1.89	PKKPdf	30	03.69	-1.79	PKKPdf	29	39.79	-1.79	PKKPbc	29	08.42	-2.65
S’S’ac	52	55.08	-2.69	SS	30	58.80	14.14	SS	30	23.49	14.07	SS	29	40.82	13.92
S’S’df	52	56.17	-1.80	SKKPdf	33	29.26	-1.75	SKKPdf	32	45.41	-1.75	SKKPdf	31	46.59	-1.75
				SKKPbc	33	33.43	-2.46	SKKPbc	32	49.70	-2.45	SKKPbc	31	51.09	-2.44
				PKKSdf	33	39.63	-1.75	PKKSdf	33	15.72	-1.75	PKKSdf	32	44.02	-1.74
				PKKSbc	33	43.83	-2.46	PKKSbc	33	20.14	-2.45	PKKSbc	32	48.83	-2.43
				SKKSdf	37	05.03	-1.71	SKKSdf	36	21.17	-1.71	SKKSdf	35	22.34	-1.70
				SKKSac	37	12.77	-2.30	SKKSac	36	29.01	-2.30	SKKSac	35	30.35	-2.29
				P’P’df	38	17.18	-1.89	P’P’df	37	53.31	-1.89	P’P’df	37	21.68	-1.89
				S’S’ac	52	31.04	-2.68	S’S’ac	51	47.35	-2.68	S’S’ac	50	48.83	-2.66
				S’S’df	52	32.07	-1.80	S’S’df	51	48.22	-1.79	S’S’df	50	49.42	-1.79

Delta : 98.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
P	13	38.11	4.50	P	13	24.90	4.49	P	13	02.25	4.47	Pdiff	12	32.88	4.45
PcP	13	38.15	4.45	PcP	13	24.93	4.45	PcP	13	02.26	4.45	pP	14	43.19	4.56
PP	17	36.73	7.67	pP	13	51.32	4.50	pP	14	13.94	4.52	sP	15	42.64	4.53
PKiKP	18	11.45	1.77	sP	14	01.92	4.50	sP	14	45.09	4.51	PP	16	41.92	7.50
SKiKP	21	47.50	1.82	PP	17	24.82	7.65	PP	17	05.29	7.60	PKiKP	17	02.12	1.78
SKSac	24	17.06	5.08	PKiKP	17	57.71	1.77	PKiKP	17	33.80	1.77	pPKiKP	19	20.78	1.76
SKKSac	24	45.74	7.26	pPKiKP	18	25.19	1.77	pPKiKP	18	49.09	1.77	SKiKP	19	40.76	1.82
S	25	06.00	8.51	sPKiKP	18	35.55	1.77	sPKiKP	19	19.40	1.77	sPKiKP	20	18.22	1.77
ScS	25	06.18	8.34	SKiKP	21	23.40	1.82	SKiKP	20	39.56	1.82	SKSac	22	13.18	4.97
PS	26	29.08	10.85	SKSac	23	53.35	5.07	SKSac	23	10.39	5.03	SKKSac	22	45.48	7.21
SP	26	29.08	10.85	SKKSac	24	22.50	7.25	SKKSac	23	40.64	7.24	Sdiff	23	08.28	8.34
PKKPbc	30	11.33	-2.77	pSKSac	24	30.09	5.11	S	24	02.05	8.43	SP	24	37.82	10.67
PKKPdf	30	13.83	-1.80	sSKSac	24	40.77	5.10	ScS	24	02.09	8.34	pSKSac	25	20.46	5.33
SS	31	47.44	14.07	S	24	43.12	8.48	pSKSac	24	52.24	5.18	pS	25	54.56	9.14
SKKPdf	33	49.85	-1.77	ScS	24	43.25	8.34	sSKSac	25	23.71	5.13	PS	25	56.25	10.06
PKKSdf	33	49.85	-1.77	pS	25	17.40	8.56	SP	25	27.92	10.78	sSKSac	26	20.80	5.20
SKKPbc	33	52.51	-2.52	sS	25	28.88	8.53	pS	25	35.45	8.67	sS	27	03.29	8.67
PKKSbc	33	52.51	-2.52	SP	26	07.04	10.83	PS	26	05.93	10.64	PKKPbc	29	03.05	-2.72
SKKSdf	37	25.70	-1.73	PS	26	19.52	10.80	sS	26	09.87	8.59	PKKPdf	29	04.53	-1.80
SKKSac	37	32.19	-2.35	PKKPbc	29	57.73	-2.76	PKKPbc	29	34.15	-2.75	SS	30	08.56	13.81
P’P’df	38	27.12	-1.89	PKKPdf	30	00.09	-1.80	PKKPdf	29	36.20	-1.80	SKKPdf	31	43.08	-1.76
S’S’ac	52	49.64	-2.75	SS	31	26.98	14.04	SS	30	51.52	13.96	SKKPbc	31	46.15	-2.50
S’S’df	52	52.57	-1.81	SKKPdf	33	25.74	-1.77	SKKPdf	32	41.90	-1.77	PKKSdf	32	40.52	-1.76
				SKKPbc	33	28.46	-2.51	SKKPbc	32	44.74	-2.51	PKKSbc	32	43.92	-2.48
				PKKSdf	33	36.11	-1.77	PKKSdf	33	12.20	-1.77	SKKSdf	35	18.91	-1.72
				PKKSbc	33	38.87	-2.51	PKKSbc	33	15.19	-2.50	SKKSac	35	25.72	-2.34
				SKKSdf	37	01.59	-1.73	SKKSdf	36	17.73	-1.73	P’P’df	37	17.90	-1.89
				SKKSac	37	08.12	-2.35	SKKSac	36	24.37	-2.34	S’S’ac	50	43.43	-2.73
				P’P’df	38	13.40	-1.89	P’P’df	37	49.52	-1.89	S’S’df	50	45.82	-1.81
				S’S’ac	52	25.61	-2.75	S’S’ac	51	41.93	-2.74				
				S’S’df	52	28.46	-1.81	S’S’df	51	44.62	-1.81				

Delta : 100.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	13	47.04	4.45	Pdiff	13	33.82	4.45	Pdiff	13	11.15	4.45	Pdiff	12	41.77	4.45
PP	17	52.00	7.60	pPdiff	14	00.27	4.45	pP	14	22.93	4.46	pP	14	52.26	4.50
PKiKP	18	15.01	1.79	sPdiff	14	10.86	4.45	sP	14	54.05	4.45	sP	15	51.64	4.47
SKiKP	21	51.16	1.84	PP	17	40.04	7.58	PP	17	20.42	7.53	PP	16	56.86	7.43
SKSac	24	27.06	4.92	PKiKP	18	01.27	1.79	PKiKP	17	37.37	1.79	PKiKP	17	05.70	1.80
SKKSac	25	00.21	7.21	pPKiKP	18	28.75	1.79	pPKiKP	18	52.65	1.79	pPKiKP	19	24.32	1.78
ScS	25	22.86	8.34	sPKiKP	18	39.11	1.79	sPKiKP	19	22.96	1.79	SKiKP	19	44.43	1.84
S	25	22.86	8.34	SKiKP	21	27.06	1.84	SKiKP	20	43.22	1.84	sPKiKP	20	21.77	1.79
PS	26	50.68	10.74	SKSac	24	03.32	4.90	SKSac	23	20.29	4.87	SKSac	22	22.96	4.81
SP	26	50.68	10.74	SKKSac	24	36.96	7.20	SKKSac	23	55.07	7.19	SKKSac	22	59.84	7.15
PKKPbc	30	05.72	-2.84	pSKSac	24	40.14	4.94	Sdiff	24	18.77	8.34	Sdiff	23	24.96	8.34
PKKPdf	30	10.21	-1.82	sSKSac	24	50.80	4.93	pSKSac	25	02.43	5.01	SP	24	59.04	10.55
SS	32	15.47	13.96	Sdiff	24	59.93	8.34	sSKSac	25	33.80	4.96	pSKSac	25	30.93	5.14
SKKPdf	33	46.30	-1.78	pS	25	34.36	8.40	SP	25	49.35	10.66	pS	26	12.46	8.78
PKKSdf	33	46.30	-1.78	sS	25	45.78	8.37	pS	25	52.66	8.53	PS	26	16.33	10.01
SKKPbc	33	47.43	-2.57	SP	26	28.59	10.71	sS	26	26.89	8.43	sSKSac	26	31.02	5.03
PKKSbc	33	47.43	-2.57	PS	26	41.00	10.68	PS	26	27.09	10.52	sS	27	20.52	8.54
SKKSdf	37	22.22	-1.75	PKKPbc	29	52.13	-2.84	PKKPbc	29	28.58	-2.82	PKKPbc	28	57.54	-2.79
SKKSac	37	27.45	-2.39	PKKPdf	29	56.48	-1.82	PKKPdf	29	32.58	-1.81	PKKPdf	29	00.92	-1.81
P’P’df	38	23.33	-1.90	SS	31	54.94	13.93	SS	31	19.34	13.86	SS	30	36.08	13.71
S’S’ac	52	44.07	-2.82	SKKPdf	33	22.19	-1.78	SKKPdf	32	38.35	-1.78	SKKPdf	31	39.54	-1.78
S’S’df	52	48.93	-1.82	SKKPbc	33	23.38	-2.57	SKKPbc	32	39.67	-2.56	SKKPbc	31	41.10	-2.55
				PKKSdf	33	32.56	-1.78	PKKSdf	33	08.66	-1.78	PKKSdf	32	36.98	-1.78
				PKKSbc	33	33.79	-2.57	PKKSbc	33	10.14	-2.56	PKKSbc	32	38.90	-2.54
				SKKSdf	36	58.11	-1.75	SKKSdf	36	14.26	-1.74	SKKSdf	35	15.44	-1.74
				SKKSac	37	03.39	-2.39	SKKSac	36	19.64	-2.39	SKKSac	35	21.01	-2.38
				P’P’df	38	09.60	-1.90	P’P’df	37	45.73	-1.90	P’P’df	37	14.11	-1.90
				S’S’ac	52	20.04	-2.82	S’S’ac	51	36.38	-2.81	S’S’ac	50	37.91	-2.80
				S’S’df	52	24.83	-1.82	S’S’df	51	40.99	-1.82	S’S’df	50	42.19	-1.82

Delta : 102.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	13	55.93	4.45	Pdiff	13	42.71	4.45	Pdiff	13	20.04	4.45	Pdiff	12	50.66	4.45
PP	18	07.12	7.52	pPdiff	14	09.16	4.45	pPdiff	14	31.83	4.45	pPdiff	15	01.21	4.45
PKiKP	18	18.61	1.81	sPdiff	14	19.75	4.45	sPdiff	15	02.94	4.45	sPdiff	16	00.54	4.45
SKiKP	21	54.85	1.86	PP	17	55.13	7.51	PP	17	35.41	7.46	PKiKP	17	09.32	1.82
SKSac	24	36.73	4.75	PKiKP	18	04.87	1.81	PKiKP	17	40.98	1.81	PP	17	11.66	7.37
SKKSac	25	14.57	7.15	pPKiKP	18	32.35	1.81	pPKiKP	18	56.24	1.81	pPKiKP	19	27.91	1.80
Sdiff	25	39.54	8.34	sPKiKP	18	42.72	1.81	sPKiKP	19	26.56	1.81	SKiKP	19	48.13	1.86
PS	27	12.03	10.62	SKiKP	21	30.75	1.86	SKiKP	20	46.92	1.86	sPKiKP	20	25.36	1.81
SP	27	12.03	10.62	SKSac	24	12.96	4.74	SKSac	23	29.88	4.71	SKSac	22	32.44	4.66
PKKPbc	29	59.96	-2.92	pSKSac	24	49.86	4.78	SKKSac	24	09.38	7.13	SKKSac	23	14.09	7.09
PKKPdf	30	06.57	-1.83	SKKSac	24	51.31	7.14	Sdiff	24	35.45	8.34	Sdiff	23	41.64	8.34
SS	32	43.28	13.85	sSKSac	25	00.50	4.77	pSKSac	25	12.27	4.84	SP	25	20.02	10.42
SKKPbc	33	42.22	-2.63	Sdiff	25	16.61	8.34	sSKSac	25	43.56	4.80	pSKSac	25	41.03	4.96
PKKSbc	33	42.22	-2.63	pSdiff	25	51.06	8.34	pS	26	09.55	8.36	pS	26	29.88	8.66
SKKPdf	33	42.72	-1.80	sSdiff	26	02.47	8.34	SP	26	10.55	10.54	PS	26	35.87	9.23
PKKSdf	33	42.72	-1.80	SP	26	49.90	10.59	sSdiff	26	43.62	8.34	PS	26	36.26	9.93
SKKSdf	37	18.71	-1.76	PS	27	02.24	10.56	PS	26	48.02	10.40	sSKSac	26	40.90	4.86
SKKSac	37	22.62	-2.44	PKKPbc	29	46.38	-2.91	PKKPbc	29	22.86	-2.90	sS	27	37.43	8.37
P’P’df	38	19.53	-1.90	PKKPdf	29	52.83	-1.83	PKKPdf	29	28.94	-1.83	PKKPbc	28	51.88	-2.87
S’S’ac	52	38.36	-2.89	SS	32	22.69	13.82	SS	31	46.94	13.75	PKKPdf	28	57.29	-1.82
S’S’df	52	45.28	-1.83	SKKPbc	33	18.18	-2.63	SKKPbc	32	34.48	-2.62	SS	31	03.39	13.60
				SKKPdf	33	18.61	-1.80	SKKPdf	32	34.77	-1.80	SKKPbc	31	35.94	-2.61
				PKKSbc	33	28.59	-2.63	PKKSbc	33	04.96	-2.62	SKKPdf	31	35.96	-1.80
				PKKSdf	33	28.98	-1.80	PKKSdf	33	05.08	-1.80	PKKSdf	32	33.41	-1.79
				SKKSdf	36	54.60	-1.76	SKKSdf	36	10.76	-1.76	PKKSbc	32	33.77	-2.60
				SKKSac	36	58.56	-2.43	SKKSac	36	14.82	-2.43	SKKSdf	35	11.94	-1.76
				P’P’df	38	05.80	-1.90	P’P’df	37	41.93	-1.90	SKKSac	35	16.21	-2.42
				S’S’ac	52	14.34	-2.88	S’S’ac	51	30.70	-2.88	P’P’df	37	10.31	-1.90
				S’S’df	52	21.18	-1.83	S’S’df	51	37.34	-1.83	S’S’ac	50	32.25	-2.86
												S’S’df	50	38.54	-1.83

Delta : 104.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	14	04.83	4.45	Pdiff	13	51.60	4.45	Pdiff	13	28.93	4.45	Pdiff	12	59.55	4.45
PP	18	22.10	7.45	pPdiff	14	18.05	4.45	pPdiff	14	40.72	4.45	pPdiff	15	10.10	4.45
PKiKP	18	22.25	1.83	sPdiff	14	28.64	4.45	sPdiff	15	11.83	4.45	sPdiff	16	09.43	4.45
SKiKP	21	58.59	1.87	PKiKP	18	08.52	1.83	PKiKP	17	44.63	1.83	PKiKP	17	12.98	1.84
SKSac	24	46.08	4.60	PP	18	10.07	7.43	PP	17	50.25	7.39	PP	17	26.32	7.30
SKKSac	25	28.82	7.09	pPKiKP	18	35.99	1.83	pPKiKP	18	59.88	1.83	pPKiKP	19	31.53	1.82
Sdiff	25	56.22	8.34	sPKiKP	18	46.36	1.83	sPKiKP	19	30.20	1.83	SKiKP	19	51.87	1.88
SP	27	33.15	10.49	SKiKP	21	34.49	1.87	SKiKP	20	50.65	1.88	sPKiKP	20	28.99	1.83
PS	27	33.15	10.49	SKSac	24	22.29	4.58	SKSac	23	39.14	4.56	SKSac	22	41.60	4.51
PKKPbc	29	54.05	-2.99	pSKSac	24	59.26	4.62	SKKSac	24	23.57	7.07	SKKSac	23	28.22	7.03
PKKPdf	30	02.90	-1.84	SKKSac	25	05.54	7.08	Sdiff	24	52.14	8.34	Sdiff	23	58.32	8.34
PKKPab	30	13.36	-4.45	sSKSac	25	09.88	4.61	pSKSac	25	21.79	4.68	SP	25	40.73	10.29
SS	33	10.87	13.74	Sdiff	25	33.29	8.34	sSKSac	25	53.00	4.64	pSKSac	25	50.78	4.79
SKKPbc	33	36.89	-2.69	pSdiff	26	07.74	8.34	pSdiff	26	26.23	8.34	pS	26	47.04	8.49
PKKSbc	33	36.89	-2.69	sSdiff	26	19.15	8.34	SP	26	31.50	10.41	sSKSac	26	50.46	4.69
PKKSdf	33	39.10	-1.81	SP	27	10.97	10.47	sSdiff	27	00.30	8.34	PS	26	54.32	9.22
SKKPdf	33	39.10	-1.81	PS	27	23.24	10.43	PS	27	08.69	10.27	PS	26	56.02	9.83
SKKSdf	37	15.17	-1.78	PKKPbc	29	40.49	-2.99	PKKPbc	29	17.00	-2.97	sSdiff	27	54.11	8.34
SKKSac	37	17.70	-2.48	PKKPdf	29	49.16	-1.84	PKKPdf	29	25.28	-1.84	PKKPbc	28	46.07	-2.94
P’P’df	38	15.72	-1.91	PKKPab	30	00.13	-4.45	SS	32	14.32	13.64	PKKPdf	28	53.63	-1.83
S’S’ac	52	32.52	-2.95	SS	32	50.22	13.71	SKKPbc	32	29.17	-2.69	SS	31	30.50	13.50
S’S’df	52	41.60	-1.84	SKKPbc	33	12.86	-2.69	SKKPdf	32	31.16	-1.81	SKKPbc	31	30.65	-2.67
				SKKPdf	33	15.00	-1.81	PKKSbc	32	59.67	-2.68	SKKPdf	31	32.36	-1.81
				PKKSbc	33	23.28	-2.69	PKKSdf	33	01.47	-1.81	PKKSbc	32	28.52	-2.66
				PKKSdf	33	25.37	-1.81	SKKSdf	36	07.22	-1.78	PKKSdf	32	29.81	-1.81
				SKKSdf	36	51.06	-1.78	SKKSac	36	09.92	-2.48	SKKSdf	35	08.40	-1.78
				SKKSac	36	53.65	-2.48	P’P’df	37	38.13	-1.91	SKKSac	35	11.32	-2.47
				P’P’df	38	01.99	-1.91	S’S’ac	51	24.88	-2.94	P’P’df	37	06.51	-1.90
				S’S’ac	52	08.51	-2.95	S’S’df	51	33.66	-1.84	S’S’ac	50	26.46	-2.93
				S’S’df	52	17.50	-1.84					S’S’df	50	34.87	-1.84

Delta : 106.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	14	13.72	4.45	Pdiff	14	00.49	4.45	Pdiff	13	37.82	4.45	Pdiff	13	08.45	4.45
PKiKP	18	25.93	1.85	pPdiff	14	26.94	4.45	pPdiff	14	49.61	4.45	pPdiff	15	18.99	4.45
PP	18	36.93	7.38	sPdiff	14	37.53	4.45	sPdiff	15	20.72	4.45	sPdiff	16	18.33	4.45
SKiKP	22	02.35	1.89	PKiKP	18	12.20	1.85	PKiKP	17	48.32	1.85	PKiKP	17	16.67	1.86
SKSac	24	55.12	4.45	PP	18	24.86	7.36	PP	18	04.96	7.32	PP	17	40.84	7.22
SKSdf	25	38.97	1.92	pPKiKP	18	39.66	1.85	pPKiKP	19	03.55	1.85	pPKiKP	19	35.20	1.84
SKKSac	25	42.94	7.03	sPKiKP	18	50.03	1.85	sPKiKP	19	33.87	1.85	SKiKP	19	55.64	1.90
Sdiff	26	12.90	8.34	SKiKP	21	38.25	1.89	SKiKP	20	54.42	1.89	sPKiKP	20	32.66	1.84
SP	27	54.01	10.36	SKSac	24	31.30	4.44	SKSac	23	48.11	4.41	SKSac	22	50.47	4.36
PS	27	54.01	10.36	pSKSac	25	08.34	4.47	SKSdf	24	31.05	1.92	SKSdf	23	32.28	1.92
PKKPbc	29	47.99	-3.07	SKSdf	25	14.88	1.92	SKKSac	24	37.64	7.00	SKKSac	23	42.22	6.97
PKKPdf	29	59.21	-1.85	sSKSac	25	18.94	4.46	Sdiff	25	08.82	8.34	Sdiff	24	15.00	8.34
PKKPab	30	04.47	-4.44	SKKSac	25	19.64	7.02	pSKSac	25	30.98	4.52	pSKSac	26	00.20	4.62
PKKSbc	33	31.44	-2.76	Sdiff	25	50.00	8.34	sSKSac	26	02.12	4.48	SP	26	01.18	10.15
SKKPbc	33	31.44	-2.76	pSKSdf	25	52.70	1.92	pSKSdf	26	16.56	1.92	SP	26	02.37	9.24
PKKSdf	33	35.47	-1.82	sSKSdf	26	03.07	1.92	pSdiff	26	42.91	8.34	sSKSac	26	59.68	4.53
SKKPdf	33	35.47	-1.82	pSdiff	26	24.42	8.34	sSKSdf	26	46.90	1.92	pSdiff	27	03.85	8.34
SS	33	38.24	13.63	sSdiff	26	35.83	8.34	SP	26	52.18	10.27	PS	27	12.72	9.18
SKKSdf	37	11.60	-1.79	SP	27	31.77	10.33	sSdiff	27	16.98	8.34	sSKSdf	27	45.67	1.92
SKKSac	37	12.68	-2.54	PS	27	43.97	10.30	PS	27	29.09	10.14	sSdiff	28	10.79	8.34
P’P’df	38	11.90	-1.91	PKKPbc	29	34.44	-3.06	PS	27	30.18	9.24	PKKPbc	28	40.12	-3.01
S’S’ac	52	26.55	-3.02	PKKPdf	29	45.48	-1.85	PKKPbc	29	10.98	-3.05	PKKPdf	28	49.95	-1.84
S’S’df	52	37.90	-1.85	PKKPab	29	51.24	-4.44	PKKPdf	29	21.59	-1.85	PKKPab	28	59.19	-4.45
				SKKPbc	33	07.41	-2.76	PKKPab	29	28.57	-4.45	SKKPbc	31	25.24	-2.74
				SKKPdf	33	11.36	-1.82	SKKPbc	32	23.74	-2.75	SKKPdf	31	28.72	-1.82
				SS	33	17.53	13.60	SKKPdf	32	27.52	-1.82	SS	31	57.40	13.40
				PKKSbc	33	17.84	-2.75	SS	32	41.50	13.54	PKKSbc	32	23.15	-2.72
				PKKSdf	33	21.73	-1.82	PKKSbc	32	54.25	-2.74	PKKSdf	32	26.18	-1.82
				SKKSdf	36	47.49	-1.79	PKKSdf	32	57.84	-1.82	SKKSdf	35	04.84	-1.79
				SKKSac	36	48.63	-2.53	SKKSdf	36	03.64	-1.79	SKKSac	35	06.33	-2.52
				P’P’df	37	58.18	-1.91	SKKSac	36	04.91	-2.53	P’P’df	37	02.70	-1.91
				S’S’ac	52	02.55	-3.01	P’P’df	37	34.31	-1.91	S’S’ac	50	20.55	-2.99
				S’S’df	52	13.80	-1.85	S’S’ac	51	18.94	-3.01	S’S’df	50	31.17	-1.85
								S’S’df	51	30.00	-1.85				

Delta : 108.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	14	22.61	4.45	Pdiff	14	09.38	4.45	Pdiff	13	46.71	4.45	Pdiff	13	17.34	4.45
PKiKP	18	29.65	1.87	pPdiff	14	35.83	4.45	pPdiff	14	58.50	4.45	pPdiff	15	27.88	4.45
PP	18	51.62	7.31	sPdiff	14	46.43	4.45	sPdiff	15	29.62	4.45	sPdiff	16	27.22	4.45
SKiKP	22	06.15	1.91	PKiKP	18	15.92	1.87	PKiKP	17	52.04	1.87	PKiKP	17	20.40	1.87
SKSac	25	03.87	4.30	PP	18	39.52	7.29	PP	18	19.52	7.24	PP	17	55.22	7.15
SKSdf	25	42.82	1.92	pPKiKP	18	43.38	1.87	pPKiKP	19	07.26	1.86	pPKiKP	19	38.90	1.86
SKKSac	25	56.93	6.96	sPKiKP	18	53.75	1.87	sPKiKP	19	37.58	1.86	SKiKP	19	59.45	1.91
Sdiff	26	29.58	8.34	SKiKP	21	42.05	1.91	SKiKP	20	58.22	1.91	sPKiKP	20	36.37	1.86
PS	28	14.59	10.22	SKSac	24	40.03	4.29	SKSac	23	56.79	4.27	SKSac	22	59.06	4.23
SP	28	14.59	10.22	pSKSac	25	17.13	4.32	SKSdf	24	34.90	1.92	SKSdf	23	36.13	1.92
PS	28	16.53	9.24	SKSdf	25	18.72	1.92	SKKSac	24	51.58	6.94	SKKSac	23	56.09	6.90
SP	28	16.53	9.24	sSKSac	25	27.71	4.32	Sdiff	25	25.50	8.34	Sdiff	24	31.69	8.34
PKKPbc	29	41.77	-3.15	SKKSac	25	33.62	6.96	pSKSac	25	39.87	4.37	pSKSac	26	09.28	4.46
PKKPdf	29	55.50	-1.86	pSKSdf	25	56.54	1.92	sSKSac	26	10.94	4.34	SP	26	20.84	9.22
PKKPab	29	55.58	-4.44	Sdiff	26	06.65	8.34	pSKSdf	26	20.41	1.92	SP	26	21.36	10.02
PKKSbc	33	25.86	-2.82	sSKSdf	26	06.92	1.92	sSKSdf	26	50.74	1.92	pSKSdf	26	52.02	1.92
SKKPbc	33	25.86	-2.82	pSdiff	26	41.10	8.34	pSdiff	26	59.59	8.34	sSKSac	27	08.60	4.39
SKKPdf	33	31.81	-1.84	sSdiff	26	52.51	8.34	SP	27	12.58	10.13	pSdiff	27	20.54	8.34
PKKSdf	33	31.81	-1.84	SP	27	52.29	10.19	SP	27	13.40	9.23	PS	27	31.04	9.14
SS	34	05.40	13.53	SP	27	53.89	9.24	sSdiff	27	33.66	8.34	sSKSdf	27	49.52	1.92
SKKSac	37	07.56	-2.59	PS	28	04.43	10.16	PS	27	48.65	9.22	sSdiff	28	27.48	8.34
SKKSdf	37	07.99	-1.81	PS	28	05.61	9.24	PS	27	49.24	10.01	PKKPbc	28	34.02	-3.09
P’P’df	38	08.08	-1.91	PKKPbc	29	28.23	-3.14	PKKPbc	29	04.82	-3.12	PKKPdf	28	46.25	-1.85
S’S’ac	52	20.45	-3.08	PKKPdf	29	41.77	-1.86	PKKPdf	29	17.89	-1.86	PKKPab	28	50.30	-4.44
S’S’df	52	34.19	-1.86	PKKPab	29	42.36	-4.44	PKKPab	29	19.68	-4.44	SKKPbc	31	19.71	-2.80
				SKKPbc	33	01.84	-2.82	SKKPbc	32	18.18	-2.81	SKKPdf	31	25.07	-1.83
				SKKPdf	33	07.71	-1.83	SKKPdf	32	23.87	-1.83	PKKSbc	32	17.65	-2.78
				PKKSbc	33	12.27	-2.82	PKKSbc	32	48.71	-2.80	PKKSdf	32	22.53	-1.83
				PKKSdf	33	18.07	-1.83	PKKSdf	32	54.19	-1.83	SS	32	24.09	13.29
				SS	33	44.63	13.50	SS	33	08.46	13.43	SKKSdf	35	01.24	-1.80
				SKKSac	36	43.51	-2.58	SKKSac	35	59.80	-2.58	SKKSac	35	01.24	-2.57
				SKKSdf	36	43.89	-1.81	SKKSdf	36	00.05	-1.81	P’P’df	36	58.88	-1.91
				P’P’df	37	54.36	-1.91	P’P’df	37	30.49	-1.91	S’S’ac	50	14.50	-3.06
				S’S’ac	51	56.46	-3.08	S’S’ac	51	12.86	-3.07	S’S’df	50	27.46	-1.86
				S’S’df	52	10.09	-1.86	S’S’df	51	26.25	-1.86				

Delta : 110.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	14	31.50	4.45	Pdiff	14	18.28	4.45	Pdiff	13	55.60	4.45	Pdiff	13	26.23	4.45
PKiKP	18	33.40	1.88	pPdiff	14	44.72	4.45	pPdiff	15	07.39	4.45	pPdiff	15	36.77	4.45
PP	19	06.17	7.23	sPdiff	14	55.32	4.45	sPdiff	15	38.51	4.45	sPdiff	16	36.11	4.45
SKiKP	22	10.00	1.92	PKiKP	18	19.67	1.88	PKiKP	17	55.79	1.89	PKiKP	17	24.17	1.89
SKSac	25	12.34	4.16	pPKiKP	18	47.13	1.88	PP	18	33.93	7.17	PP	18	09.45	7.08
SKSdf	25	46.67	1.92	PP	18	54.02	7.22	pPKiKP	19	11.00	1.88	pPKiKP	19	42.63	1.88
SKKSac	26	10.79	6.90	sPKiKP	18	57.50	1.88	sPKiKP	19	41.33	1.88	SKPdf	20	03.29	1.92
Sdiff	26	46.26	8.34	SKiKP	21	45.88	1.92	SKPdf	21	02.06	1.92	SKiKP	20	03.29	1.93
PS	28	34.89	10.08	SKSac	24	48.48	4.15	SKiKP	21	02.06	1.92	sPKiKP	20	40.11	1.88
SP	28	34.89	10.08	SKSdf	25	22.57	1.92	PKSdf	21	32.39	1.92	PKSdf	21	00.79	1.92
PS	28	35.00	9.23	pSKSac	25	25.64	4.18	SKSac	24	05.19	4.13	SKSac	23	07.37	4.09
SP	28	35.00	9.23	sSKSac	25	36.20	4.17	SKSdf	24	38.74	1.92	SKSdf	23	40.00	1.92
PKKPbc	29	35.39	-3.23	SKKSac	25	47.46	6.89	SKKSac	25	05.39	6.87	SKKSac	24	09.82	6.84
PKKPab	29	46.70	-4.44	pSKSdf	26	00.39	1.92	Sdiff	25	42.18	8.34	Sdiff	24	48.37	8.34
PKKPdf	29	51.78	-1.87	sSKSdf	26	10.76	1.92	pSKSac	25	48.47	4.23	pSKSac	26	18.06	4.32
PKKSbc	33	20.15	-2.89	Sdiff	26	23.33	8.34	sSKSac	26	19.48	4.20	SP	26	39.25	9.19
SKKPbc	33	20.15	-2.89	pSdiff	26	57.78	8.34	pSKSdf	26	24.25	1.92	SP	26	41.26	9.88
SKKPdf	33	28.13	-1.85	sSdiff	27	09.19	8.34	sSKSdf	26	54.59	1.92	pSKSdf	26	55.86	1.92
PKKSdf	33	28.13	-1.85	SP	28	12.35	9.23	pSdiff	27	16.27	8.34	sSKSac	27	17.23	4.24
SS	34	32.34	13.42	SP	28	12.55	10.06	SP	27	31.86	9.22	pSdiff	27	37.22	8.34
SKKSac	37	02.33	-2.64	PS	28	24.07	9.22	SP	27	32.71	10.00	PS	27	49.25	9.08
SKKSdf	37	04.37	-1.82	PS	28	24.61	10.02	sSdiff	27	50.34	8.34	sSKSdf	27	53.36	1.92
P’P’df	38	04.25	-1.91	PKKPbc	29	21.87	-3.22	PS	28	07.07	9.19	PKKPbc	28	27.76	-3.17
S’S’ac	52	14.22	-3.15	PKKPab	29	33.48	-4.44	PS	28	09.11	9.87	PKKPab	28	41.42	-4.44
S’S’df	52	30.46	-1.87	PKKPdf	29	38.05	-1.87	PKKPbc	28	58.49	-3.20	PKKPdf	28	42.53	-1.86
				SKKPbc	32	56.13	-2.88	PKKPab	29	10.80	-4.44	sSdiff	28	44.16	8.34
				SKKPdf	33	04.03	-1.84	PKKPdf	29	14.17	-1.87	SKKPbc	31	14.04	-2.86
				PKKSbc	33	06.57	-2.88	SKKPbc	32	12.49	-2.88	SKKPdf	31	21.40	-1.84
				PKKSdf	33	14.40	-1.84	SKKPdf	32	20.19	-1.84	PKKSbc	32	12.03	-2.84
				SS	34	11.52	13.39	PKKSbc	32	43.04	-2.87	PKKSdf	32	18.86	-1.84
				SKKSac	36	38.29	-2.64	PKKSdf	32	50.51	-1.84	SS	32	50.57	13.18
				SKKSdf	36	40.26	-1.82	SS	33	35.22	13.32	SKKSac	34	56.05	-2.62
				P’P’df	37	50.53	-1.91	SKKSac	35	54.59	-2.63	SKKSdf	34	57.62	-1.82
				S’S’ac	51	50.23	-3.15	SKKSdf	35	56.42	-1.82	P’P’df	36	55.05	-1.91
				S’S’df	52	06.35	-1.87	P’P’df	37	26.66	-1.91	S’S’ac	50	08.32	-3.12
								S’S’ac	51	06.65	-3.14	S’S’df	50	23.73	-1.87
								S’S’df	51	22.52	-1.87				

Delta : 112.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	14	40.39	4.45	Pdiff	14	27.17	4.45	Pdiff	14	04.50	4.45	Pdiff	13	35.12	4.45
PKiKP	18	37.18	1.90	pPdiff	14	53.61	4.45	pPdiff	15	16.29	4.45	pPdiff	15	45.66	4.45
PP	19	20.56	7.16	sPdiff	15	04.21	4.45	sPdiff	15	47.40	4.45	sPdiff	16	45.00	4.45
PKSdf	22	13.83	1.92	PKiKP	18	23.45	1.90	PKiKP	17	59.58	1.90	PKiKP	17	27.97	1.91
SKPdf	22	13.83	1.92	pPKiKP	18	50.91	1.90	PP	18	48.20	7.10	PP	18	23.54	7.01
SKiKP	22	13.84	1.94	sPKiKP	19	01.28	1.90	pPKiKP	19	14.78	1.90	pPKiKP	19	46.40	1.89
SKSac	25	20.53	4.02	PP	19	08.38	7.14	sPKiKP	19	45.11	1.90	SKPdf	20	07.13	1.92
SKSdf	25	50.51	1.92	SKPdf	21	49.73	1.92	SKPdf	21	05.91	1.92	SKiKP	20	07.15	1.94
SKKSac	26	24.52	6.83	SKiKP	21	49.74	1.94	SKiKP	21	05.92	1.94	sPKiKP	20	43.89	1.90
Sdiff	27	02.94	8.34	PKSdf	22	00.10	1.92	PKSdf	21	36.24	1.92	PKSdf	21	04.63	1.92
PS	28	53.43	9.20	SKSac	24	56.65	4.02	SKSac	24	13.31	3.99	SKSac	23	15.42	3.95
SP	28	53.43	9.20	SKSdf	25	26.41	1.92	SKSdf	24	42.58	1.92	SKSdf	23	43.81	1.92
PS	28	54.92	9.94	pSKSac	25	33.86	4.04	SKKSac	25	19.06	6.80	SKKSac	24	23.43	6.77
SP	28	54.92	9.94	sSKSac	25	44.41	4.03	pSKSac	25	56.78	4.09	Sdiff	25	05.05	8.34
PKKPbc	29	28.85	-3.31	SKKSac	26	01.17	6.82	Sdiff	25	58.86	8.34	pSKSac	26	26.55	4.17
PKKPab	29	37.84	-4.43	pSKSdf	26	04.23	1.92	sSKSac	26	27.73	4.06	SP	26	57.60	9.15
PKKPdf	29	48.04	-1.87	sSKSdf	26	14.61	1.92	pSKSdf	26	28.10	1.92	pSKSdf	26	59.71	1.92
SKKPbc	33	14.32	-2.95	Sdiff	26	40.01	8.34	sSKSdf	26	58.43	1.92	sSKSac	27	25.57	4.10
PKKSbc	33	14.32	-2.95	pSdiff	27	14.46	8.34	pSdiff	27	32.95	8.34	pSdiff	27	53.90	8.34
PKKSdf	33	24.43	-1.85	sSdiff	27	25.87	8.34	SP	27	50.26	9.18	sSKSdf	27	57.21	1.92
SKKPdf	33	24.43	-1.85	SP	28	30.78	9.20	SP	27	52.56	9.85	PS	28	07.34	9.01
SS	34	59.08	13.31	SP	28	32.52	9.91	sSdiff	28	07.03	8.34	PKKPbc	28	21.35	-3.25
SKKSac	36	56.99	-2.70	PS	28	42.49	9.19	PS	28	25.41	9.15	PKKPab	28	32.54	-4.44
SKKSdf	37	00.72	-1.83	PS	28	44.52	9.88	PKKPbc	28	52.01	-3.28	PKKPdf	28	38.80	-1.87
P’P’df	38	00.42	-1.92	PKKPbc	29	15.35	-3.31	PKKPab	29	01.93	-4.43	sSdiff	29	00.84	8.34
S’S’ac	52	07.86	-3.21	PKKPab	29	24.61	-4.43	PKKPdf	29	10.43	-1.87	SKKPbc	31	08.26	-2.92
S’S’df	52	26.71	-1.88	PKKPdf	29	34.31	-1.87	SKKPbc	32	06.68	-2.94	SKKPdf	31	17.70	-1.85
				SKKPbc	32	50.31	-2.94	SKKPdf	32	16.49	-1.85	PKKSbc	32	06.28	-2.90
				SKKPdf	33	00.33	-1.85	PKKSbc	32	37.24	-2.93	PKKSdf	32	15.17	-1.85
				PKKSbc	33	00.75	-2.94	PKKSdf	32	46.81	-1.85	SS	33	16.83	13.07
				PKKSdf	33	10.70	-1.85	SS	34	01.75	13.21	SKKSac	34	50.75	-2.68
				SS	34	38.19	13.28	SKKSac	35	49.27	-2.69	SKKSdf	34	53.98	-1.83
				SKKSac	36	32.96	-2.69	SKKSdf	35	52.77	-1.83	P’P’df	36	51.22	-1.92
				SKKSdf	36	36.61	-1.83	P’P’df	37	22.83	-1.92	S’S’ac	50	02.01	-3.19
				P’P’df	37	46.70	-1.92	S’S’ac	51	00.31	-3.20	S’S’df	50	20.00	-1.88
				S’S’ac	51	43.88	-3.21	S’S’df	51	18.77	-1.88				
				S’S’df	52	02.61	-1.88								

Delta : 114.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	14	49.28	4.45	Pdiff	14	36.06	4.45	Pdiff	14	13.39	4.45	Pdiff	13	44.01	4.45
PKiKP	18	40.99	1.91	pPdiff	15	02.51	4.45	pPdiff	15	25.18	4.45	pPdiff	15	54.55	4.45
PP	19	34.81	7.09	sPdiff	15	13.10	4.45	sPdiff	15	56.29	4.45	sPdiff	16	53.89	4.45
PKSdf	22	17.68	1.92	PKiKP	18	27.27	1.92	PKiKP	18	03.40	1.92	PKiKP	17	31.79	1.92
SKPdf	22	17.68	1.92	pPKiKP	18	54.72	1.91	PP	19	02.33	7.03	PP	18	37.50	6.94
SKiKP	22	17.73	1.95	sPKiKP	19	05.09	1.91	pPKiKP	19	18.59	1.91	pPKiKP	19	50.20	1.91
SKSac	25	28.44	3.89	PP	19	22.59	7.07	sPKiKP	19	48.92	1.91	SKPdf	20	10.98	1.92
SKSdf	25	54.35	1.92	SKPdf	21	53.58	1.92	SKPdf	21	09.75	1.92	SKiKP	20	11.05	1.95
SKKSac	26	38.11	6.76	SKiKP	21	53.63	1.95	SKiKP	21	09.81	1.95	sPKiKP	20	47.69	1.91
Sdiff	27	19.62	8.34	PKSdf	22	03.95	1.92	PKSdf	21	40.09	1.92	PKSdf	21	08.48	1.92
PS	29	11.80	9.16	SKSac	25	04.54	3.88	SKSac	24	21.16	3.86	SKSac	23	23.19	3.82
SP	29	11.80	9.16	SKSdf	25	30.25	1.92	SKSdf	24	46.42	1.92	SKSdf	23	47.65	1.92
PS	29	14.65	9.79	pSKSac	25	41.81	3.90	SKKSac	25	32.60	6.74	SKKSac	24	36.90	6.70
SP	29	14.65	9.79	sSKSac	25	52.34	3.90	pSKSac	26	04.81	3.95	Sdiff	25	21.73	8.34
PKKPbc	29	22.13	-3.40	pSKSdf	26	08.07	1.92	Sdiff	26	15.54	8.34	pSKSac	26	34.74	4.02
PKKPab	29	28.99	-4.42	SKKSac	26	14.75	6.76	pSKSdf	26	31.94	1.92	pSKSdf	27	03.55	1.92
PKKPdf	29	44.28	-1.88	sSKSdf	26	18.44	1.92	sSKSac	26	35.71	3.92	SP	27	15.84	9.09
SKKPbc	33	08.36	-3.01	Sdiff	26	56.69	8.34	sSKSdf	27	02.27	1.92	sSKSac	27	33.62	3.96
PKKSbc	33	08.36	-3.01	pSdiff	27	31.14	8.34	pSdiff	27	49.64	8.34	sSKSdf	28	01.04	1.92
PKKSdf	33	20.71	-1.86	sSdiff	27	42.55	8.34	SP	28	08.58	9.13	pSdiff	28	10.58	8.34
SKKPdf	33	20.71	-1.86	SP	28	49.13	9.15	sSdiff	28	23.71	8.34	PKKPbc	28	14.77	-3.33
SS	35	25.59	13.20	PS	29	00.82	9.14	PS	28	43.65	9.09	PKKPab	28	23.67	-4.43
SKKSac	36	51.55	-2.75	PKKPbc	29	08.65	-3.39	PKKPbc	28	45.35	-3.37	PS	28	25.28	8.93
SKKSdf	36	57.04	-1.84	PKKPab	29	15.76	-4.42	PKKPab	28	53.07	-4.42	PKKPdf	28	35.05	-1.88
P’P’df	37	56.59	-1.92	PKKPdf	29	30.55	-1.88	PKKPdf	29	06.68	-1.88	sSdiff	29	17.52	8.34
S’S’ac	52	01.36	-3.28	SKKPbc	32	44.35	-3.01	SKKPbc	32	00.74	-3.00	SKKPbc	31	02.35	-2.99
S’S’df	52	22.95	-1.88	PKKSbc	32	54.80	-3.01	SKKPdf	32	12.77	-1.86	SKKPdf	31	13.99	-1.86
				SKKPdf	32	56.61	-1.86	PKKSbc	32	31.32	-2.99	PKKSbc	32	00.41	-2.97
				PKKSdf	33	06.98	-1.86	PKKSdf	32	43.10	-1.86	PKKSdf	32	11.46	-1.86
				SS	35	04.64	13.17	SS	34	28.06	13.10	SS	33	42.86	12.97
				SKKSac	36	27.52	-2.75	SKKSac	35	43.84	-2.74	SKKSac	34	45.34	-2.73
				SKKSdf	36	32.94	-1.84	SKKSdf	35	49.10	-1.84	SKKSdf	34	50.31	-1.84
				P’P’df	37	42.86	-1.92	P’P’df	37	19.00	-1.92	P’P’df	36	47.39	-1.92
				S’S’ac	51	37.39	-3.28	S’S’ac	50	53.84	-3.27	S’S’ac	49	55.57	-3.25
				S’S’df	51	58.85	-1.88	S’S’df	51	15.02	-1.88	S’S’df	50	16.23	-1.88

Delta : 116.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	14	58.17	4.45	Pdiff	14	44.95	4.45	Pdiff	14	22.28	4.45	Pdiff	13	52.90	4.45
PKPdf	18	44.84	1.92	pPdiff	15	11.40	4.45	pPdiff	15	34.07	4.45	pPdiff	16	03.44	4.45
PKiKP	18	44.84	1.93	sPdiff	15	21.99	4.45	sPdiff	16	05.18	4.45	sPdiff	17	02.78	4.45
PP	19	48.91	7.02	PKPdf	18	31.11	1.92	PKPdf	18	07.25	1.92	PKPdf	17	35.64	1.92
SKPdf	22	21.52	1.92	PKiKP	18	31.12	1.93	PKiKP	18	07.25	1.93	PKiKP	17	35.65	1.94
PKSdf	22	21.52	1.92	pPKPdf	18	58.56	1.92	PP	19	16.31	6.95	PP	18	51.31	6.87
SKiKP	22	21.64	1.96	pPKiKP	18	58.56	1.93	pPKPdf	19	22.42	1.92	pPKiKP	19	54.03	1.92
SKSac	25	36.08	3.75	sPKPdf	19	08.93	1.92	pPKiKP	19	22.42	1.93	SKPdf	20	14.82	1.92
SKSdf	25	58.18	1.91	sPKiKP	19	08.94	1.93	sPKPdf	19	52.76	1.92	SKiKP	20	14.97	1.97
SKKSac	26	51.57	6.69	PP	19	36.66	7.00	sPKiKP	19	52.76	1.93	sPKPdf	20	51.53	1.92
Sdiff	27	36.31	8.34	SKPdf	21	57.42	1.92	SKPdf	21	13.60	1.92	sPKiKP	20	51.53	1.93
PKKPbc	29	15.24	-3.49	SKiKP	21	57.55	1.96	SKiKP	21	13.73	1.97	PKSdf	21	12.32	1.92
PKKPab	29	20.17	-4.40	PKSdf	22	07.80	1.92	PKSdf	21	43.93	1.92	SKSac	23	30.69	3.68
SP	29	30.08	9.11	SKSac	25	12.16	3.74	SKSac	24	28.74	3.72	SKSdf	23	51.47	1.91
PS	29	30.08	9.11	SKSdf	25	34.08	1.91	SKSdf	24	50.25	1.91	SKKSac	24	50.23	6.63
PKKPdf	29	40.51	-1.89	pSKSac	25	49.48	3.77	SKKSac	25	46.01	6.67	Sdiff	25	38.41	8.34
SKKPbc	33	02.27	-3.08	sSKSac	25	60.00	3.76	pSKSac	26	12.56	3.81	pSKSac	26	42.65	3.88
PKKSbc	33	02.27	-3.08	pSKSdf	26	11.90	1.91	Sdiff	26	32.22	8.34	pSKSdf	27	07.38	1.91
PKKSdf	33	16.98	-1.87	sSKSdf	26	22.27	1.91	pSKSdf	26	35.77	1.91	SP	27	33.95	9.02
SKKPdf	33	16.98	-1.87	SKKSac	26	28.20	6.69	sSKSac	26	43.41	3.78	sSKSac	27	41.40	3.82
SS	35	51.87	13.09	Sdiff	27	13.38	8.34	sSKSdf	27	06.10	1.91	sSKSdf	28	04.87	1.91
SKKSac	36	45.99	-2.81	pSdiff	27	47.83	8.34	pSdiff	28	06.32	8.34	PKKPbc	28	08.02	-3.42
SKKSdf	36	53.35	-1.85	sSdiff	27	59.24	8.34	SP	28	26.78	9.07	PKKPab	28	14.82	-4.42
P’P’df	37	52.75	-1.92	PKKPbc	29	01.77	-3.48	PKKPbc	28	38.52	-3.46	pSdiff	28	27.26	8.34
S’S’ac	51	54.74	-3.35	PKKPab	29	06.94	-4.40	sSdiff	28	40.39	8.34	PKKPdf	28	31.29	-1.88
S’S’df	52	19.17	-1.89	SP	29	07.39	9.10	PKKPab	28	44.24	-4.41	PS	28	43.07	8.87
				PS	29	19.06	9.09	PS	29	01.76	9.02	sSdiff	29	34.20	8.34
				PKKPdf	29	26.79	-1.89	PKKPdf	29	02.91	-1.89	SKKPbc	30	56.31	-3.05
				SKKPbc	32	38.27	-3.07	SKKPbc	31	54.67	-3.06	SKKPdf	31	10.26	-1.87
				PKKSbc	32	48.72	-3.07	SKKPdf	32	09.04	-1.87	PKKSbc	31	54.42	-3.03
				SKKPdf	32	52.88	-1.87	PKKSbc	32	25.27	-3.06	PKKSdf	32	07.73	-1.87
				PKKSdf	33	03.25	-1.87	PKKSdf	32	39.37	-1.87	SS	34	08.69	12.86
				SS	35	30.87	13.06	SS	34	54.15	12.99	SKKSac	34	39.83	-2.79
				SKKSac	36	21.96	-2.80	SKKSac	35	38.30	-2.80	SKKSdf	34	46.62	-1.85
				SKKSdf	36	29.25	-1.85	SKKSdf	35	45.41	-1.85	P’P’df	36	43.55	-1.92
				P’P’df	37	39.02	-1.92	P’P’df	37	15.16	-1.92	S’S’ac	49	49.00	-3.32
				S’S’ac	51	30.77	-3.34	S’S’ac	50	47.24	-3.34	S’S’df	50	12.46	-1.89
				S’S’df	51	55.08	-1.89	S’S’df	51	11.24	-1.89				

Delta : 118.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	15	07.06	4.45	Pdiff	14	53.84	4.45	Pdiff	14	31.17	4.45	Pdiff	14	01.79	4.45
PKPdf	18	48.68	1.92	pPdiff	15	20.29	4.45	pPdiff	15	42.96	4.45	pPdiff	16	12.34	4.45
PKiKP	18	48.71	1.94	sPdiff	15	30.88	4.45	sPdiff	16	14.07	4.45	sPdiff	17	11.67	4.45
PP	20	02.87	6.94	PKPdf	18	34.96	1.92	PKPdf	18	11.10	1.92	PKPdf	17	39.49	1.92
SKPdf	22	25.36	1.92	PKiKP	18	34.99	1.94	PKiKP	18	11.13	1.95	PKiKP	17	39.54	1.95
PKSdf	22	25.36	1.92	pPKPdf	19	02.41	1.92	pPKPdf	19	26.27	1.92	PP	19	04.98	6.80
SKiKP	22	25.58	1.98	pPKiKP	19	02.43	1.94	pPKiKP	19	26.29	1.94	pPKPdf	19	57.88	1.92
SKSac	25	43.44	3.61	sPKPdf	19	12.78	1.92	PP	19	30.15	6.88	pPKiKP	19	57.89	1.94
SKSdf	26	01.99	1.91	sPKiKP	19	12.81	1.94	sPKPdf	19	56.61	1.92	SKPdf	20	18.66	1.92
SKKSac	27	04.89	6.62	PP	19	50.58	6.92	sPKiKP	19	56.63	1.94	SKiKP	20	18.92	1.98
Sdiff	27	52.99	8.34	SKPdf	22	01.26	1.92	SKPdf	21	17.44	1.92	sPKPdf	20	55.38	1.92
PKKPbc	29	08.15	-3.59	SKiKP	22	01.49	1.98	SKiKP	21	17.67	1.98	sPKiKP	20	55.40	1.94
PKKPab	29	11.39	-4.38	PKSdf	22	11.64	1.92	PKSdf	21	47.77	1.92	PKSdf	21	16.16	1.92
PKKPdf	29	36.74	-1.89	SKSac	25	19.51	3.61	SKSac	24	36.05	3.59	SKSac	23	37.93	3.55
SP	29	48.23	9.04	SKSdf	25	37.90	1.91	SKSdf	24	54.07	1.91	SKSdf	23	55.29	1.90
PS	29	48.23	9.04	pSKSac	25	56.88	3.63	SKKSac	25	59.27	6.60	SKKSac	25	03.43	6.56
PKKSbc	32	56.06	-3.14	sSKSac	26	07.38	3.62	pSKSac	26	20.03	3.67	Sdiff	25	55.09	8.34
SKKPbc	32	56.06	-3.14	pSKSdf	26	15.72	1.91	pSKSdf	26	39.59	1.91	pSKSac	26	50.27	3.74
PKKSdf	33	13.23	-1.88	sSKSdf	26	26.09	1.91	Sdiff	26	48.90	8.34	pSKSdf	27	11.20	1.91
SKKPdf	33	13.23	-1.88	SKKSac	26	41.50	6.62	sSKSac	26	50.83	3.64	sSKSac	27	48.90	3.68
SS	36	17.93	12.98	Sdiff	27	30.06	8.34	sSKSdf	27	09.92	1.91	SP	27	51.90	8.93
SKKSac	36	40.32	-2.86	pSdiff	28	04.51	8.34	pSdiff	28	23.00	8.34	PKKPbc	28	01.10	-3.51
SKKSdf	36	49.64	-1.86	sSdiff	28	15.92	8.34	PKKPbc	28	31.51	-3.55	PKKPab	28	06.00	-4.40
P’P’df	37	48.91	-1.92	PKKPbc	28	54.71	-3.58	PKKPab	28	35.44	-4.39	sSKSdf	28	08.70	1.91
S’S’ac	51	47.97	-3.42	PKKPab	28	58.15	-4.38	SP	28	44.85	8.99	PKKPdf	28	27.51	-1.89
S’S’df	52	15.39	-1.89	PKKPdf	29	23.01	-1.89	sSdiff	28	57.07	8.34	pSdiff	28	43.94	8.34
				SP	29	25.51	9.03	PKKPdf	28	59.14	-1.89	PS	29	00.74	8.81
				PS	29	37.16	9.01	PS	29	19.72	8.93	sSdiff	29	50.88	8.34
				SKKPbc	32	32.07	-3.14	SKKPbc	31	48.48	-3.13	SKKPbc	30	50.15	-3.11
				PKKSbc	32	42.52	-3.13	SKKPdf	32	05.30	-1.88	SKKPdf	31	06.51	-1.88
				SKKPdf	32	49.13	-1.88	PKKSbc	32	19.10	-3.12	PKKSbc	31	48.30	-3.09
				PKKSdf	32	59.50	-1.88	PKKSdf	32	35.62	-1.88	PKKSdf	32	03.99	-1.87
				SS	35	56.87	12.95	SS	35	20.02	12.88	SKKSac	34	34.20	-2.84
				SKKSac	36	16.30	-2.86	SKKSac	35	32.65	-2.85	SS	34	34.30	12.75
				SKKSdf	36	25.54	-1.86	SKKSdf	35	41.70	-1.86	SKKSdf	34	42.92	-1.86
				P’P’df	37	35.18	-1.92	P’P’df	37	11.32	-1.92	P’P’df	36	39.71	-1.92
				S’S’ac	51	24.01	-3.41	S’S’ac	50	40.50	-3.40	S’S’ac	49	42.29	-3.39
				S’S’df	51	51.29	-1.89	S’S’df	51	07.46	-1.89	S’S’df	50	08.68	-1.89

Delta : 120.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	15	15.96	4.45	Pdiff	15	02.73	4.45	Pdiff	14	40.06	4.45	Pdiff	14	10.68	4.45
PKPdf	18	52.53	1.92	pPdiff	15	29.18	4.45	pPdiff	15	51.85	4.45	pPdiff	16	21.23	4.45
PKiKP	18	52.61	1.96	sPdiff	15	39.77	4.45	sPdiff	16	22.96	4.45	sPdiff	17	20.57	4.45
PP	20	16.68	6.87	PKPdf	18	38.81	1.92	PKPdf	18	14.94	1.92	PKPdf	17	43.33	1.92
SKPdf	22	29.19	1.91	PKiKP	18	38.89	1.96	PKiKP	18	15.04	1.96	PKiKP	17	43.45	1.96
PKSdf	22	29.19	1.91	pPKPdf	19	06.26	1.92	pPKPdf	19	30.12	1.92	PP	19	18.51	6.73
SKiKP	22	29.55	1.99	pPKiKP	19	06.33	1.96	pPKiKP	19	30.19	1.95	pPKPdf	20	01.73	1.92
SKSac	25	50.54	3.48	sPKPdf	19	16.63	1.92	PP	19	43.84	6.81	pPKiKP	20	01.78	1.95
SKSdf	26	05.80	1.90	sPKiKP	19	16.71	1.96	sPKPdf	20	00.45	1.92	SKPdf	20	22.49	1.91
SKKSac	27	18.07	6.55	PP	20	04.36	6.85	sPKiKP	20	00.53	1.95	SKiKP	20	22.88	1.99
Sdiff	28	09.67	8.34	SKPdf	22	05.10	1.91	SKPdf	21	21.27	1.91	sPKPdf	20	59.23	1.92
PKKPbc	29	00.87	-3.70	SKiKP	22	05.45	1.99	SKiKP	21	21.64	1.99	sPKiKP	20	59.29	1.95
PKKPab	29	02.66	-4.35	PKSdf	22	15.47	1.91	PKSdf	21	51.60	1.91	PKSdf	21	20.00	1.91
PKKPdf	29	32.95	-1.90	SKSac	25	26.59	3.47	SKSac	24	43.09	3.46	SKSac	23	44.91	3.42
SP	30	06.22	8.95	SKSdf	25	41.70	1.90	SKSdf	24	57.87	1.90	SKSdf	23	59.09	1.90
PS	30	06.22	8.95	pSKSac	26	04.00	3.50	SKKSac	26	12.40	6.53	SKKSac	25	16.48	6.49
PKKSbc	32	49.71	-3.20	sSKSac	26	14.49	3.49	pSKSac	26	27.23	3.53	Sdiff	26	11.77	8.34
SKKPbc	32	49.71	-3.20	pSKSdf	26	19.53	1.90	pSKSdf	26	43.40	1.90	pSKSac	26	57.61	3.60
PKKSdf	33	09.47	-1.88	sSKSdf	26	29.90	1.90	sSKSac	26	57.98	3.51	pSKSdf	27	15.01	1.90
SKKPdf	33	09.47	-1.88	SKKSac	26	54.66	6.55	Sdiff	27	05.59	8.34	PKKPbc	27	53.99	-3.60
SKKSac	36	34.54	-2.92	Sdiff	27	46.74	8.34	sSKSdf	27	13.73	1.90	sSKSac	27	56.12	3.54
SS	36	43.77	12.87	pSdiff	28	21.19	8.34	PKKPbc	28	24.30	-3.66	PKKPab	27	57.21	-4.38
SKKSdf	36	45.91	-1.87	sSdiff	28	32.60	8.34	PKKPab	28	26.68	-4.36	SP	28	09.69	8.86
P’P’df	37	45.06	-1.92	PKKPbc	28	47.45	-3.69	pSdiff	28	39.68	8.34	sSKSdf	28	12.51	1.90
S’S’ac	51	41.08	-3.48	PKKPab	28	49.41	-4.35	PKKPdf	28	55.35	-1.90	PKKPdf	28	23.73	-1.89
S’S’df	52	11.60	-1.90	PKKPdf	29	19.22	-1.90	SP	29	02.75	8.91	pSdiff	29	00.62	8.34
				SP	29	43.48	8.94	sSdiff	29	13.75	8.34	PS	29	18.32	8.77
				PS	29	55.09	8.92	PS	29	37.52	8.87	sSdiff	30	07.56	8.34
				SKKPbc	32	25.73	-3.20	SKKPbc	31	42.16	-3.19	SKKPbc	30	43.85	-3.18
				PKKSbc	32	36.19	-3.20	SKKPdf	32	01.54	-1.88	SKKPdf	31	02.75	-1.88
				SKKPdf	32	45.37	-1.88	PKKSbc	32	12.80	-3.18	PKKSbc	31	42.05	-3.15
				PKKSdf	32	55.74	-1.88	PKKSdf	32	31.86	-1.88	PKKSdf	32	00.24	-1.88
				SKKSac	36	10.53	-2.91	SKKSac	35	26.89	-2.91	SKKSac	34	28.46	-2.90
				SKKSdf	36	21.81	-1.87	SKKSdf	35	37.98	-1.87	SKKSdf	34	39.19	-1.87
				SS	36	22.66	12.84	SS	35	45.67	12.77	SS	34	59.69	12.64
				P’P’df	37	31.34	-1.92	P’P’df	37	07.47	-1.92	P’P’df	36	35.87	-1.92
				S’S’ac	51	17.12	-3.48	S’S’ac	50	33.63	-3.47	S’S’ac	49	35.46	-3.45
				S’S’df	51	47.50	-1.90	S’S’df	51	03.67	-1.90	S’S’df	50	04.89	-1.90

Delta : 122.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	15	24.85	4.45	Pdiff	15	11.62	4.45	Pdiff	14	48.95	4.45	Pdiff	14	19.58	4.45
PKPdf	18	56.37	1.92	pPdiff	15	38.07	4.45	pPdiff	16	00.74	4.45	pPdiff	16	30.12	4.45
PKiKP	18	56.54	1.97	sPdiff	15	48.67	4.45	sPdiff	16	31.85	4.45	sPdiff	17	29.46	4.45
PP	20	30.35	6.80	PKPdf	18	42.65	1.92	PKPdf	18	18.79	1.92	PKPdf	17	47.18	1.92
SKPdf	22	33.02	1.91	PKiKP	18	42.82	1.97	PKiKP	18	18.97	1.97	PKiKP	17	47.38	1.97
PKSdf	22	33.02	1.91	pPKPdf	19	10.10	1.92	pPKPdf	19	33.96	1.92	PP	19	31.89	6.66
SKiKP	22	33.53	2.00	pPKiKP	19	10.25	1.97	pPKiKP	19	34.11	1.97	pPKPdf	20	05.57	1.92
SKSac	25	57.37	3.35	sPKPdf	19	20.47	1.92	PP	19	57.38	6.74	pPKiKP	20	05.69	1.96
SKSdf	26	09.59	1.89	sPKiKP	19	20.63	1.97	sPKPdf	20	04.30	1.92	SKPdf	20	26.32	1.91
SKKSac	27	31.11	6.48	PP	20	17.99	6.78	sPKiKP	20	04.45	1.97	SKiKP	20	26.87	2.00
Sdiff	28	26.35	8.34	SKPdf	22	08.92	1.91	SKPdf	21	25.09	1.91	sPKPdf	21	03.07	1.92
PKKPbc	28	53.34	-3.83	SKiKP	22	09.44	2.00	SKiKP	21	25.62	2.00	sPKiKP	21	03.21	1.97
PKKPab	28	54.02	-4.29	PKSdf	22	19.29	1.91	PKSdf	21	55.43	1.91	PKSdf	21	23.81	1.91
PKKPdf	29	29.15	-1.90	SKSac	25	33.40	3.34	SKSac	24	49.87	3.32	SKSac	23	51.62	3.29
SP	30	24.05	8.88	SKSdf	25	45.49	1.89	SKSdf	25	01.66	1.89	SKSdf	24	02.88	1.89
PS	30	24.05	8.88	pSKSac	26	10.86	3.36	SKKSac	26	25.38	6.46	SKKSac	25	29.40	6.42
PKKSbc	32	43.24	-3.27	sSKSac	26	21.33	3.36	pSKSac	26	34.16	3.40	Sdiff	26	28.45	8.34
SKKPbc	32	43.24	-3.27	pSKSdf	26	23.32	1.89	pSKSdf	26	47.19	1.89	pSKSac	27	04.67	3.46
PKKSdf	33	05.69	-1.89	sSKSdf	26	33.69	1.89	sSKSac	27	04.86	3.37	pSKSdf	27	18.81	1.89
SKKPdf	33	05.69	-1.89	SKKSac	27	07.68	6.48	sSKSdf	27	17.52	1.89	PKKPbc	27	46.68	-3.71
SKKSac	36	28.66	-2.97	Sdiff	28	03.42	8.34	Sdiff	27	22.27	8.34	PKKPab	27	48.48	-4.35
SKKSdf	36	42.17	-1.87	pSdiff	28	37.87	8.34	PKKPbc	28	16.88	-3.77	sSKSac	28	03.07	3.41
SS	37	09.39	12.75	PKKPbc	28	39.96	-3.81	PKKPab	28	17.99	-4.32	sSKSdf	28	16.30	1.89
P’P’df	37	41.22	-1.92	PKKPab	28	40.75	-4.30	PKKPdf	28	51.55	-1.90	PKKPdf	28	19.93	-1.90
S’S’ac	51	34.05	-3.55	sSdiff	28	49.28	8.34	pSdiff	28	56.36	8.34	SP	28	27.36	8.81
S’S’df	52	07.80	-1.90	PKKPdf	29	15.42	-1.90	SP	29	20.51	8.85	pSdiff	29	17.30	8.34
				SP	30	01.29	8.87	sSdiff	29	30.43	8.34	PS	29	35.81	8.72
				PS	30	12.87	8.86	PS	29	55.19	8.81	sSdiff	30	24.24	8.34
				SKKPbc	32	19.26	-3.27	SKKPbc	31	35.71	-3.26	SKKPbc	30	37.44	-3.24
				PKKSbc	32	29.73	-3.26	SKKPdf	31	57.76	-1.89	SKKPdf	30	58.98	-1.89
				SKKPdf	32	41.59	-1.89	PKKSbc	32	06.37	-3.25	PKKSbc	31	35.68	-3.22
				PKKSdf	32	51.97	-1.89	PKKSdf	32	28.09	-1.89	PKKSdf	31	56.47	-1.89
				SKKSac	36	04.65	-2.97	SKKSac	35	21.02	-2.96	SKKSac	34	22.61	-2.95
				SKKSdf	36	18.07	-1.87	SKKSdf	35	34.24	-1.87	SKKSdf	34	35.45	-1.87
				SS	36	48.22	12.73	SS	36	11.10	12.66	SS	35	24.86	12.53
				P’P’df	37	27.49	-1.92	P’P’df	37	03.63	-1.92	P’P’df	36	32.02	-1.92
				S’S’ac	51	10.10	-3.54	S’S’ac	50	26.63	-3.53	S’S’ac	49	28.49	-3.52
				S’S’df	51	43.70	-1.90	S’S’df	50	59.87	-1.90	S’S’df	50	01.09	-1.90

Delta : 124.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	15	33.74	4.45	Pdiff	15	20.52	4.45	Pdiff	14	57.84	4.45	Pdiff	14	28.47	4.45
PKPdf	19	00.21	1.92	pPdiff	15	46.96	4.45	pPdiff	16	09.63	4.45	pPdiff	16	39.01	4.45
PKiKP	19	00.48	1.98	sPdiff	15	57.56	4.45	sPdiff	16	40.75	4.45	sPdiff	17	38.35	4.45
PP	20	43.86	6.72	PKPdf	18	46.49	1.92	PKPdf	18	22.62	1.92	PKPdf	17	51.01	1.92
SKPdf	22	36.83	1.90	PKiKP	18	46.77	1.98	PKiKP	18	22.92	1.98	PKiKP	17	51.34	1.99
PKSdf	22	36.83	1.90	pPKPdf	19	13.94	1.92	pPKPdf	19	37.80	1.92	PP	19	45.14	6.59
SKiKP	22	37.54	2.01	pPKiKP	19	14.20	1.98	pPKiKP	19	38.05	1.98	pPKPdf	20	09.41	1.92
SKSac	26	03.93	3.21	sPKPdf	19	24.31	1.92	sPKPdf	20	08.14	1.92	pPKiKP	20	09.63	1.97
SKSdf	26	13.35	1.88	sPKiKP	19	24.58	1.98	sPKiKP	20	08.40	1.98	SKPdf	20	30.13	1.90
SKKSac	27	44.00	6.41	PP	20	31.47	6.71	PP	20	10.79	6.67	SKiKP	20	30.88	2.01
Sdiff	28	43.03	8.34	SKPdf	22	12.73	1.90	SKPdf	21	28.90	1.90	sPKPdf	21	06.91	1.92
PKKPbc	28	45.51	-4.03	SKiKP	22	13.44	2.01	SKiKP	21	29.63	2.01	sPKiKP	21	07.15	1.98
PKKPab	28	45.53	-4.17	PKSdf	22	23.10	1.90	PKSdf	21	59.24	1.90	PKSdf	21	27.62	1.90
PKKPdf	29	25.34	-1.90	SKSac	25	39.95	3.21	SKSac	24	56.38	3.19	SKSac	23	58.07	3.16
SP	30	41.75	8.82	SKSdf	25	49.25	1.88	SKSdf	25	05.42	1.88	SKSdf	24	06.64	1.87
PS	30	41.75	8.82	pSKSac	26	17.45	3.23	SKKSac	26	38.23	6.39	SKKSac	25	42.18	6.35
PKKSbc	32	36.63	-3.34	pSKSdf	26	27.08	1.88	pSKSac	26	40.81	3.26	Sdiff	26	45.14	8.34
SKKPbc	32	36.63	-3.34	sSKSac	26	27.91	3.22	pSKSdf	26	50.96	1.88	pSKSac	27	11.45	3.32
PKKSdf	33	01.91	-1.89	sSKSdf	26	37.45	1.88	sSKSac	27	11.47	3.24	pSKSdf	27	22.59	1.88
SKKPdf	33	01.91	-1.89	SKKSac	27	20.56	6.41	sSKSdf	27	21.29	1.88	PKKPbc	27	39.14	-3.84
SKKSac	36	22.66	-3.02	Sdiff	28	20.10	8.34	Sdiff	27	38.95	8.34	PKKPab	27	39.83	-4.30
SKKSdf	36	38.42	-1.88	PKKPbc	28	32.17	-3.99	PKKPbc	28	09.19	-3.93	sSKSac	28	09.74	3.27
SS	37	34.79	12.64	PKKPab	28	32.23	-4.20	PKKPab	28	09.41	-4.25	PKKPdf	28	16.13	-1.90
P’P’df	37	37.37	-1.92	pSdiff	28	54.55	8.34	PKKPdf	28	47.75	-1.90	sSKSdf	28	20.07	1.88
S’S’ac	51	26.89	-3.61	sSdiff	29	05.96	8.34	pSdiff	29	13.04	8.34	SP	28	44.94	8.76
S’S’df	52	03.99	-1.91	PKKPdf	29	11.62	-1.90	SP	29	38.15	8.80	pSdiff	29	33.99	8.34
				SP	30	18.97	8.82	sSdiff	29	47.11	8.34	PS	29	53.19	8.67
				PS	30	30.54	8.81	PS	30	12.77	8.76	SKKPbc	30	30.88	-3.31
				SKKPbc	32	12.66	-3.33	SKKPbc	31	29.13	-3.32	sSdiff	30	40.93	8.34
				PKKSbc	32	23.14	-3.33	SKKPdf	31	53.98	-1.89	SKKPdf	30	55.20	-1.89
				SKKPdf	32	37.81	-1.89	PKKSbc	31	59.81	-3.31	PKKSbc	31	29.18	-3.28
				PKKSdf	32	48.18	-1.89	PKKSdf	32	24.31	-1.89	PKKSdf	31	52.69	-1.89
				SKKSac	35	58.66	-3.02	SKKSac	35	15.05	-3.02	SKKSac	34	16.66	-3.00
				SKKSdf	36	14.32	-1.88	SKKSdf	35	30.48	-1.88	SKKSdf	34	31.70	-1.88
				SS	37	13.56	12.61	SS	36	36.31	12.55	SS	35	49.81	12.42
				P’P’df	37	23.65	-1.92	P’P’df	36	59.78	-1.92	P’P’df	36	28.18	-1.92
				S’S’ac	51	02.95	-3.61	S’S’ac	50	19.49	-3.60	S’S’ac	38	30.72	7.59
				S’S’df	51	39.89	-1.91	S’S’df	50	56.06	-1.91	S’S’ac	49	21.39	-3.58
												S’S’df	49	57.28	-1.91

Delta : 126.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	15	42.63	4.45	Pdiff	15	29.41	4.45	Pdiff	15	06.74	4.45	Pdiff	14	37.36	4.45
PKPdf	19	04.04	1.91	pPdiff	15	55.85	4.45	pPdiff	16	18.52	4.45	pPdiff	16	47.90	4.45
PKiKP	19	04.46	1.99	sPdiff	16	06.45	4.45	sPdiff	16	49.64	4.45	sPdiff	17	47.24	4.45
PP	20	57.24	6.65	PKPdf	18	50.32	1.91	PKPdf	18	26.45	1.91	PKPdf	17	54.83	1.91
PKSdf	22	40.63	1.89	PKiKP	18	50.74	1.99	PKiKP	18	26.90	1.99	PKiKP	17	55.32	2.00
SKPdf	22	40.63	1.89	pPKPdf	19	17.77	1.91	pPKPdf	19	41.63	1.91	PP	19	58.25	6.52
SKiKP	22	41.56	2.02	pPKiKP	19	18.17	1.99	pPKiKP	19	42.02	1.99	pPKPdf	20	13.24	1.91
SKSac	26	10.23	3.08	sPKPdf	19	28.14	1.91	sPKPdf	20	11.97	1.91	pPKiKP	20	13.59	1.99
SKSdf	26	17.09	1.86	sPKiKP	19	28.55	1.99	sPKiKP	20	12.36	1.99	SKPdf	20	33.92	1.89
SKKSac	27	56.76	6.34	PP	20	44.81	6.63	PP	20	24.05	6.60	SKiKP	20	34.91	2.02
Sdiff	28	59.71	8.34	SKPdf	22	16.53	1.89	SKPdf	21	32.70	1.89	sPKPdf	21	10.74	1.91
PKKPdf	29	21.53	-1.91	SKiKP	22	17.47	2.02	SKiKP	21	33.66	2.02	sPKiKP	21	11.12	1.99
PS	30	59.35	8.77	PKSdf	22	26.90	1.89	PKSdf	22	03.03	1.89	PKSdf	21	31.41	1.89
SP	30	59.35	8.77	SKSac	25	46.23	3.08	SKSac	25	02.63	3.06	SKSac	24	04.26	3.03
SKKPbc	32	29.89	-3.41	SKSdf	25	52.99	1.86	SKSdf	25	09.16	1.86	SKSdf	24	10.37	1.86
PKKSbc	32	29.89	-3.41	pSKSac	26	23.77	3.10	pSKSac	26	47.20	3.13	SKKSac	25	54.81	6.28
PKKSdf	32	58.12	-1.90	pSKSdf	26	30.82	1.86	SKKSac	26	50.93	6.32	Sdiff	27	01.82	8.34
SKKPdf	32	58.12	-1.90	sSKSac	26	34.22	3.09	pSKSdf	26	54.70	1.87	pSKSac	27	17.96	3.18
SKKSac	36	16.56	-3.08	sSKSdf	26	41.19	1.86	sSKSac	27	17.82	3.11	pSKSdf	27	26.34	1.87
SKKSdf	36	34.65	-1.89	SKKSac	27	33.30	6.33	sSKSdf	27	25.03	1.86	PKKPbc	27	31.29	-4.03
P’P’df	37	33.52	-1.92	Sdiff	28	36.78	8.34	Sdiff	27	55.63	8.34	PKKPab	27	31.32	-4.18
SS	37	59.95	12.53	PKKPdf	29	07.80	-1.91	PKKPdf	28	43.94	-1.91	PKKPdf	28	12.32	-1.91
S’S’ac	40	45.44	7.59	pSdiff	29	11.23	8.34	pSdiff	29	29.72	8.34	sSKSac	28	16.15	3.14
S’S’ac	51	19.59	-3.68	sSdiff	29	22.64	8.34	SP	29	55.70	8.75	sSKSdf	28	23.82	1.87
S’S’df	52	00.17	-1.91	SP	30	36.55	8.77	sSdiff	30	03.79	8.34	SP	29	02.41	8.71
				PS	30	48.10	8.76	PS	30	30.25	8.71	pSdiff	29	50.67	8.34
				SKKPbc	32	05.93	-3.40	SKKPbc	31	22.41	-3.39	PS	30	10.47	8.61
				PKKSbc	32	16.41	-3.40	SKKPdf	31	50.19	-1.90	SKKPbc	30	24.20	-3.38
				SKKPdf	32	34.02	-1.90	PKKSbc	31	53.11	-3.38	SKKPdf	30	51.41	-1.90
				PKKSdf	32	44.39	-1.90	PKKSdf	32	20.52	-1.90	sSdiff	30	57.61	8.34
				SKKSac	35	52.56	-3.08	SKKSac	35	08.96	-3.07	PKKSbc	31	22.55	-3.35
				SKKSdf	36	10.55	-1.89	SKKSdf	35	26.72	-1.89	PKKSdf	31	48.90	-1.90
				P’P’df	37	19.80	-1.92	P’P’df	36	55.94	-1.92	SKKSac	34	10.60	-3.06
				SS	37	38.67	12.50	SS	37	01.29	12.43	SKKSdf	34	27.94	-1.89
				S’S’ac	40	22.29	7.59	S’S’ac	39	40.64	7.59	SS	36	14.53	12.31
				S’S’ac	50	55.66	-3.68	S’S’ac	50	12.22	-3.67	P’P’df	36	24.33	-1.92
				S’S’df	51	36.07	-1.91	S’S’df	50	52.25	-1.91	S’S’ac	38	45.90	7.59
												S’S’ac	49	14.16	-3.65
												S’S’df	49	53.47	-1.91

Delta : 128.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	15	51.52	4.45	Pdiff	15	38.30	4.45	Pdiff	15	15.63	4.45	Pdiff	14	46.25	4.45
PKPdf	19	07.86	1.91	pPdiff	16	04.74	4.45	pPdiff	16	27.42	4.45	pPdiff	16	56.79	4.45
PKiKP	19	08.45	2.00	sPdiff	16	15.34	4.45	sPdiff	16	58.53	4.45	sPdiff	17	56.13	4.45
PP	21	10.46	6.58	PKPdf	18	54.13	1.91	PKPdf	18	30.27	1.91	PKPdf	17	58.65	1.90
PKSdf	22	44.41	1.88	PKiKP	18	54.73	2.00	PKiKP	18	30.89	2.00	PKiKP	17	59.33	2.01
SKPdf	22	44.41	1.88	pPKPdf	19	21.59	1.91	pPKPdf	19	45.45	1.91	PP	20	11.22	6.45
SKiKP	22	45.60	2.02	pPKiKP	19	22.16	2.00	pPKiKP	19	46.00	2.00	pPKPdf	20	17.07	1.91
SKSac	26	16.26	2.95	sPKPdf	19	31.96	1.91	sPKPdf	20	15.79	1.91	pPKiKP	20	17.57	2.00
SKSdf	26	20.80	1.84	sPKiKP	19	32.54	2.00	sPKiKP	20	16.35	2.00	SKPdf	20	37.69	1.88
SKKSac	28	09.37	6.27	PP	20	58.01	6.56	PP	20	37.17	6.52	SKiKP	20	38.96	2.03
Sdiff	29	16.39	8.34	SKPdf	22	20.31	1.88	SKPdf	21	36.47	1.88	sPKPdf	21	14.56	1.91
PKKPdf	29	17.71	-1.91	SKiKP	22	21.51	2.02	SKiKP	21	37.70	2.02	sPKiKP	21	15.10	2.00
PS	31	16.85	8.72	PKSdf	22	30.68	1.88	PKSdf	22	06.80	1.88	PKSdf	21	35.17	1.88
SP	31	16.85	8.72	SKSac	25	52.25	2.94	SKSac	25	08.62	2.93	SKSac	24	10.19	2.90
SKKPbc	32	23.01	-3.47	SKSdf	25	56.70	1.84	SKSdf	25	12.86	1.84	SKSdf	24	14.07	1.84
PKKSbc	32	23.01	-3.47	pSKSac	26	29.83	2.96	pSKSac	26	53.32	2.99	SKKSac	26	07.31	6.21
PKKSdf	32	54.31	-1.90	pSKSdf	26	34.53	1.84	pSKSdf	26	58.42	1.85	Sdiff	27	18.50	8.34
SKKPdf	32	54.31	-1.90	sSKSac	26	40.27	2.96	SKKSac	27	03.49	6.25	pSKSac	27	24.19	3.05
SKKSac	36	10.34	-3.13	sSKSdf	26	44.90	1.84	sSKSac	27	23.90	2.97	pSKSdf	27	30.06	1.85
SKKSdf	36	30.87	-1.89	SKKSac	27	45.90	6.26	sSKSdf	27	28.74	1.85	PKKPdf	28	08.50	-1.91
P’P’df	37	29.67	-1.92	Sdiff	28	53.46	8.34	Sdiff	28	12.31	8.34	sSKSac	28	22.29	3.00
SS	38	24.89	12.41	PKKPdf	29	03.99	-1.91	PKKPdf	28	40.12	-1.91	sSKSdf	28	27.53	1.85
S’S’ac	41	00.62	7.59	pSdiff	29	27.91	8.34	pSdiff	29	46.40	8.34	SP	29	19.78	8.66
S’S’ac	51	12.16	-3.75	sSdiff	29	39.32	8.34	SP	30	13.14	8.70	pSdiff	30	07.35	8.34
S’S’df	51	56.35	-1.91	SP	30	54.03	8.71	sSdiff	30	20.48	8.34	SKKPbc	30	17.38	-3.44
				PS	31	05.57	8.71	PS	30	47.63	8.66	PS	30	27.62	8.54
				SKKPbc	31	59.06	-3.47	SKKPbc	31	15.56	-3.46	SKKPdf	30	47.61	-1.90
				PKKSbc	32	09.54	-3.47	PKKSbc	31	46.28	-3.45	sSdiff	31	14.29	8.34
				SKKPdf	32	30.22	-1.90	SKKPdf	31	46.39	-1.90	PKKSbc	31	15.78	-3.42
				PKKSdf	32	40.59	-1.90	PKKSdf	32	16.72	-1.90	PKKSdf	31	45.10	-1.90
				SKKSac	35	46.35	-3.13	SKKSac	35	02.77	-3.12	SKKSac	34	04.43	-3.11
				SKKSdf	36	06.77	-1.89	SKKSdf	35	22.94	-1.89	SKKSdf	34	24.16	-1.89
				P’P’df	37	15.95	-1.92	P’P’df	36	52.09	-1.92	P’P’df	36	20.48	-1.92
				SS	38	03.55	12.39	SS	37	26.04	12.32	SS	36	39.04	12.20
				S’S’ac	40	37.47	7.59	S’S’ac	39	55.82	7.59	S’S’ac	39	01.08	7.59
				S’S’ac	50	48.24	-3.75	S’S’ac	50	04.82	-3.74	S’S’ac	49	06.79	-3.72
				S’S’df	51	32.25	-1.91	S’S’df	50	48.42	-1.91	S’S’df	49	49.65	-1.91

Delta : 130.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	16	00.41	4.45	Pdiff	15	47.19	4.45	Pdiff	15	24.52	4.45	Pdiff	14	55.14	4.45
PKPdf	19	11.67	1.90	pPdiff	16	13.64	4.45	pPdiff	16	36.31	4.45	pPdiff	17	05.68	4.45
PKiKP	19	12.46	2.01	sPdiff	16	24.23	4.45	sPdiff	17	07.42	4.45	PKPdf	18	02.45	1.89
PP	21	23.55	6.51	PKPdf	18	57.94	1.90	PKPdf	18	34.07	1.90	PKiKP	18	03.35	2.01
PKSdf	22	48.16	1.87	PKiKP	18	58.74	2.01	PKiKP	18	34.91	2.01	sPdiff	18	05.02	4.45
SKPdf	22	48.16	1.87	pPKPdf	19	25.39	1.90	pPKPdf	19	49.26	1.90	pPKPdf	20	20.88	1.90
SKiKP	22	49.65	2.03	pPKiKP	19	26.17	2.01	pPKiKP	19	50.01	2.01	pPKiKP	20	21.57	2.01
SKSac	26	22.03	2.82	sPKPdf	19	35.76	1.90	sPKPdf	20	19.59	1.90	PP	20	24.04	6.38
SKSdf	26	24.47	1.82	sPKiKP	19	36.55	2.01	sPKiKP	20	20.36	2.01	SKPbc	20	30.02	3.72
SKKSac	28	21.85	6.20	PP	21	11.06	6.49	PP	20	50.15	6.45	SKPab	20	30.28	4.21
PKKPdf	29	13.89	-1.91	PKSbc	22	21.92	3.96	SKPbc	21	28.02	3.86	SKPdf	20	41.44	1.87
Sdiff	29	33.07	8.34	PKSab	22	21.92	4.04	SKPab	21	28.06	4.12	SKiKP	20	43.02	2.03
SP	31	34.24	8.67	SKPdf	22	24.06	1.87	SKPdf	21	40.22	1.87	sPKPdf	21	18.37	1.90
PS	31	34.24	8.67	SKiKP	22	25.56	2.03	SKiKP	21	41.76	2.03	sPKiKP	21	19.11	2.01
PKKSbc	32	15.99	-3.54	PKSdf	22	34.43	1.87	PKSbc	21	58.87	3.76	PKSbc	21	28.59	3.59
SKKPbc	32	15.99	-3.54	SKSac	25	58.01	2.81	PKSab	21	59.05	4.19	PKSab	21	29.42	4.29
PKKSdf	32	50.50	-1.91	SKSdf	26	00.36	1.82	PKSdf	22	10.55	1.87	PKSdf	21	38.91	1.86
SKKPdf	32	50.50	-1.91	pSKSac	26	35.63	2.83	SKSac	25	14.35	2.80	SKSac	24	15.87	2.77
SKKSac	36	04.02	-3.19	pSKSdf	26	38.20	1.82	SKSdf	25	16.52	1.82	SKSdf	24	17.72	1.82
SKKSdf	36	27.08	-1.90	sSKSac	26	46.06	2.83	pSKSac	26	59.17	2.86	SKKSac	26	19.66	6.14
SS	38	49.61	12.30	sSKSdf	26	48.57	1.82	pSKSdf	27	02.09	1.83	pSKSac	27	30.15	2.91
S’S’ac	41	15.80	7.59	SKKSac	27	58.35	6.19	SKKSac	27	15.91	6.17	pSKSdf	27	33.75	1.83
S’S’ac	51	04.59	-3.82	PKKPdf	29	00.16	-1.91	sSKSac	27	29.71	2.84	Sdiff	27	35.18	8.34
S’S’df	51	52.52	-1.91	Sdiff	29	10.14	8.34	sSKSdf	27	32.41	1.82	PKKPdf	28	04.68	-1.91
				pSdiff	29	44.59	8.34	Sdiff	28	28.99	8.34	sSKSac	28	28.16	2.87
				sSdiff	29	56.00	8.34	PKKPdf	28	36.29	-1.91	sSKSdf	28	31.21	1.83
				SP	31	11.41	8.66	pSdiff	30	03.09	8.34	SP	29	37.04	8.60
				PS	31	22.92	8.65	SP	30	30.48	8.64	SKKPbc	30	10.43	-3.51
				SKKPbc	31	52.05	-3.54	sSdiff	30	37.16	8.34	pSdiff	30	24.03	8.34
				PKKSbc	32	02.54	-3.53	PS	31	04.89	8.60	SKKPdf	30	43.80	-1.91
				SKKPdf	32	26.41	-1.91	SKKPbc	31	08.57	-3.53	PS	30	44.65	8.48
				PKKSdf	32	36.78	-1.91	PKKSbc	31	39.32	-3.52	PKKSbc	31	08.88	-3.48
				SKKSac	35	40.04	-3.18	SKKPdf	31	42.58	-1.91	sSdiff	31	30.97	8.34
				SKKSdf	36	02.98	-1.90	PKKSdf	32	12.91	-1.91	PKKSdf	31	41.29	-1.90
				SS	38	28.21	12.27	SKKSac	34	56.46	-3.18	SKKSac	33	58.15	-3.17
				S’S’ac	40	52.65	7.59	SKKSdf	35	19.15	-1.90	SKKSdf	34	20.37	-1.90
				S’S’ac	50	40.68	-3.81	SS	37	50.58	12.21	P’P’df	36	16.63	-1.92
				S’S’df	51	28.43	-1.91	S’S’ac	40	11.00	7.59	SS	37	03.33	12.09
								S’S’ac	49	57.28	-3.80	S’S’ac	39	16.25	7.59
								S’S’df	50	44.60	-1.91	S’S’ac	48	59.29	-3.78
												S’S’df	49	45.82	-1.91

Delta : 132.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	16	09.30	4.45	Pdiff	15	56.08	4.45	Pdiff	15	33.41	4.45	Pdiff	15	04.03	4.45
PKPdf	19	15.45	1.89	pPdiff	16	22.53	4.45	pPdiff	16	45.20	4.45	pPdiff	17	14.58	4.45
PKiKP	19	16.49	2.02	sPdiff	16	33.12	4.45	sPdiff	17	16.31	4.45	PKPdf	18	06.22	1.88
PP	21	36.49	6.44	PKPdf	19	01.72	1.89	PKPdf	18	37.85	1.89	PKiKP	18	07.38	2.02
PKSbc	22	42.75	3.55	PKiKP	19	02.77	2.02	PKiKP	18	38.94	2.02	sPdiff	18	13.91	4.45
SKPbc	22	42.75	3.55	pPKPdf	19	29.18	1.89	pPKPdf	19	53.05	1.89	pPKPdf	20	24.68	1.89
SKPab	22	43.62	4.28	pPKiKP	19	30.20	2.02	pPKiKP	19	54.04	2.02	pPKiKP	20	25.59	2.01
PKSab	22	43.62	4.28	sPKPdf	19	39.55	1.89	sPKPdf	20	23.38	1.89	PP	20	36.73	6.31
PKSdf	22	51.88	1.85	sPKiKP	19	40.58	2.02	sPKiKP	20	24.39	2.02	SKPbc	20	37.15	3.43
SKPdf	22	51.88	1.85	PP	21	23.97	6.42	PP	21	02.98	6.38	SKPab	20	38.86	4.34
SKiKP	22	53.72	2.04	SKPbc	22	18.80	3.53	SKPbc	21	35.32	3.49	SKPdf	20	45.15	1.85
SKSac	26	27.54	2.69	SKPab	22	19.77	4.29	SKPab	21	36.54	4.31	SKiKP	20	47.09	2.04
SKSdf	26	28.09	1.80	SKPdf	22	27.78	1.85	SKPdf	21	43.94	1.85	sPKPdf	21	22.16	1.89
SKKSac	28	34.17	6.13	PKSbc	22	29.30	3.52	SKiKP	21	45.83	2.04	sPKiKP	21	23.13	2.02
PKKPdf	29	10.06	-1.92	SKiKP	22	29.64	2.04	PKSbc	22	06.05	3.45	PKSbc	21	35.51	3.34
Sdiff	29	49.76	8.34	PKSab	22	30.35	4.30	PKSab	22	07.59	4.33	PKSab	21	38.10	4.37
SP	31	51.52	8.61	PKSdf	22	38.15	1.85	PKSdf	22	14.27	1.85	PKSdf	21	42.62	1.84
PS	31	51.52	8.61	SKSac	26	03.50	2.68	SKSac	25	19.81	2.67	SKSac	24	21.28	2.64
PKKSbc	32	08.84	-3.61	SKSdf	26	03.98	1.79	SKSdf	25	20.14	1.79	SKSdf	24	21.33	1.79
SKKPbc	32	08.84	-3.61	pSKSac	26	41.15	2.70	pSKSac	27	04.75	2.72	SKKSac	26	31.87	6.07
PKKSdf	32	46.69	-1.91	pSKSdf	26	41.82	1.80	pSKSdf	27	05.72	1.80	pSKSac	27	35.84	2.78
SKKPdf	32	46.69	-1.91	sSKSac	26	51.57	2.69	SKKSac	27	28.19	6.10	pSKSdf	27	37.39	1.81
SKKSac	35	57.59	-3.24	sSKSdf	26	52.19	1.80	sSKSac	27	35.26	2.71	Sdiff	27	51.86	8.34
SKKSdf	36	23.28	-1.90	SKKSac	28	10.67	6.12	sSKSdf	27	36.04	1.80	PKKPdf	28	00.85	-1.91
SS	39	14.09	12.19	PKKPdf	28	56.33	-1.92	PKKPdf	28	32.47	-1.92	sSKSac	28	33.76	2.73
S’S’ac	41	30.98	7.59	Sdiff	29	26.82	8.34	Sdiff	28	45.67	8.34	sSKSdf	28	34.84	1.80
S’S’ac	50	56.89	-3.89	pSdiff	30	01.28	8.34	pSdiff	30	19.77	8.34	SP	29	54.16	8.53
S’S’df	51	48.69	-1.92	sSdiff	30	12.69	8.34	SP	30	47.69	8.57	SKKPbc	30	03.34	-3.58
				SP	31	28.67	8.60	sSdiff	30	53.84	8.34	SKKPdf	30	40.00	-1.91
				PS	31	40.16	8.59	SKKPbc	31	01.44	-3.60	pSdiff	30	40.71	8.34
				SKKPbc	31	44.90	-3.61	PS	31	22.02	8.53	PS	31	01.54	8.41
				PKKSbc	31	55.40	-3.60	PKKSbc	31	32.22	-3.59	PKKSbc	31	01.84	-3.55
				SKKPdf	32	22.59	-1.91	SKKPdf	31	38.76	-1.91	PKKSdf	31	37.48	-1.91
				PKKSdf	32	32.96	-1.91	PKKSdf	32	09.10	-1.91	sSdiff	31	47.65	8.34
				SKKSac	35	33.61	-3.24	SKKSac	34	50.05	-3.23	SKKSac	33	51.77	-3.22
				SKKSdf	35	59.18	-1.90	SKKSdf	35	15.35	-1.90	SKKSdf	34	16.58	-1.90
				SS	38	52.64	12.16	SS	38	14.88	12.10	SS	37	27.39	11.98
				S’S’ac	41	07.83	7.59	S’S’ac	40	26.17	7.58	S’S’ac	39	31.42	7.58
				S’S’ac	50	32.99	-3.88	S’S’ac	49	49.61	-3.87	S’S’ac	48	51.65	-3.85
				S’S’df	51	24.59	-1.92	S’S’df	50	40.77	-1.92	S’S’df	49	41.99	-1.92

Delta : 134.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	16	18.20	4.45	Pdiff	16	04.97	4.45	Pdiff	15	42.30	4.45	Pdiff	15	12.92	4.45
PKPdf	19	19.22	1.88	pPdiff	16	31.42	4.45	pPdiff	16	54.09	4.45	pPdiff	17	23.47	4.45
PKiKP	19	20.53	2.03	sPdiff	16	42.01	4.45	sPdiff	17	25.20	4.45	PKPdf	18	10.00	1.87
PP	21	49.29	6.36	PKPdf	19	05.49	1.88	PKPdf	18	41.61	1.87	PKiKP	18	11.43	2.03
PKSbc	22	49.58	3.29	PKiKP	19	06.82	2.03	PKiKP	18	42.99	2.03	sPdiff	18	22.80	4.45
SKPbc	22	49.58	3.29	pPKPdf	19	32.95	1.88	pPKPdf	19	56.82	1.88	pPKPdf	20	28.45	1.88
SKPab	22	52.28	4.37	pPKiKP	19	34.24	2.03	pPKiKP	19	58.08	2.02	pPKiKP	20	29.63	2.02
PKSab	22	52.28	4.37	sPKPdf	19	43.32	1.88	sPKPdf	20	27.15	1.88	SKPbc	20	43.77	3.20
SKPdf	22	55.57	1.83	sPKiKP	19	44.62	2.03	sPKiKP	20	28.43	2.03	SKPab	20	47.59	4.39
PKSdf	22	55.57	1.83	PP	21	36.74	6.35	PP	21	15.67	6.31	SKPdf	20	48.82	1.83
SKiKP	22	57.81	2.04	SKPbc	22	25.61	3.28	SKPbc	21	42.06	3.25	PP	20	49.28	6.24
SKSdf	26	31.65	1.76	SKPab	22	28.45	4.37	SKPab	21	45.23	4.38	SKiKP	20	51.17	2.05
SKSac	26	32.78	2.56	SKPdf	22	31.46	1.83	SKPdf	21	47.62	1.83	sPKPdf	21	25.94	1.88
SKKSac	28	46.36	6.06	SKiKP	22	33.72	2.04	SKiKP	21	49.91	2.04	sPKiKP	21	27.17	2.02
PKKPdf	29	06.22	-1.92	PKSbc	22	36.08	3.27	PKSbc	22	12.71	3.21	PKSbc	21	41.96	3.12
Sdiff	30	06.44	8.34	PKSab	22	39.03	4.37	PKSab	22	16.32	4.39	PKSdf	21	46.28	1.82
SKKPbc	32	01.54	-3.69	PKSdf	22	41.83	1.83	PKSdf	22	17.94	1.83	PKSab	21	46.89	4.41
PKKSbc	32	01.54	-3.69	SKSdf	26	07.54	1.76	SKSdf	25	23.69	1.76	SKSdf	24	24.88	1.76
SP	32	08.67	8.54	SKSac	26	08.73	2.55	SKSac	25	25.01	2.54	SKSac	24	26.44	2.52
PS	32	08.67	8.54	pSKSdf	26	45.39	1.77	pSKSdf	27	09.29	1.77	SKKSac	26	43.95	6.00
PKKSdf	32	42.87	-1.91	pSKSac	26	46.42	2.57	pSKSac	27	10.06	2.59	pSKSdf	27	40.97	1.78
SKKPdf	32	42.87	-1.91	sSKSdf	26	55.75	1.77	sSKSdf	27	39.60	1.77	pSKSac	27	41.25	2.64
SKKSac	35	51.05	-3.30	sSKSac	26	56.83	2.56	SKKSac	27	40.32	6.03	PKKPdf	27	57.02	-1.92
SKKSdf	36	19.48	-1.90	SKKSac	28	22.84	6.05	sSKSac	27	40.54	2.58	Sdiff	28	08.54	8.34
SS	39	38.35	12.07	PKKPdf	28	52.50	-1.92	PKKPdf	28	28.63	-1.92	sSKSdf	28	38.42	1.77
S’S’ac	41	46.14	7.58	Sdiff	29	43.51	8.34	Sdiff	29	02.35	8.34	sSKSac	28	39.09	2.60
S’S’ac	50	49.04	-3.96	pSdiff	30	17.96	8.34	pSdiff	30	36.45	8.34	SKKPbc	29	56.11	-3.65
S’S’df	51	44.86	-1.92	sSdiff	30	29.37	8.34	SKKPbc	30	54.18	-3.67	SP	30	11.15	8.46
				SKKPbc	31	37.61	-3.68	SP	31	04.77	8.51	SKKPdf	30	36.17	-1.91
				SP	31	45.80	8.53	sSdiff	31	10.52	8.34	PKKSbc	30	54.67	-3.62
				PKKSbc	31	48.12	-3.68	PKKSbc	31	24.97	-3.66	pSdiff	30	57.39	8.34
				PS	31	57.27	8.52	SKKPdf	31	34.94	-1.91	PKKSdf	31	33.66	-1.91
				SKKPdf	32	18.77	-1.91	PS	31	39.02	8.46	sSdiff	32	04.33	8.34
				PKKSdf	32	29.14	-1.91	PKKSdf	32	05.27	-1.91	SKKSac	33	45.28	-3.27
				SKKSac	35	27.08	-3.29	SKKSac	34	43.54	-3.29	SKKSdf	34	12.77	-1.90
				SKKSdf	35	55.38	-1.90	SKKSdf	35	11.55	-1.90	SS	37	51.23	11.86
				SS	39	16.85	12.05	SS	38	38.96	11.98	S’S’ac	39	46.58	7.58
				S’S’ac	41	22.99	7.58	S’S’ac	40	41.34	7.58	S’S’ac	48	43.88	-3.92
				S’S’ac	50	25.15	-3.95	S’S’ac	49	41.79	-3.94	S’S’df	49	38.16	-1.92
				S’S’df	51	20.76	-1.92	S’S’df	50	36.93	-1.92				

Delta : 136.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	16	27.09	4.45	Pdiff	16	13.86	4.45	Pdiff	15	51.19	4.45	Pdiff	15	21.82	4.45
PKPdf	19	22.96	1.86	pPdiff	16	40.31	4.45	pPdiff	17	02.98	4.45	pPdiff	17	32.36	4.45
PKiKP	19	24.59	2.03	sPdiff	16	50.90	4.45	sPdiff	17	34.09	4.45	PKPdf	18	13.70	1.85
PP	22	01.94	6.29	PKPdf	19	09.22	1.86	PKPdf	18	45.34	1.86	PKiKP	18	15.50	2.04
PKSbc	22	55.94	3.07	PKiKP	19	10.88	2.03	PKiKP	18	47.05	2.03	sPdiff	18	31.70	4.45
SKPbc	22	55.94	3.07	pPKPdf	19	36.69	1.86	pPKPdf	20	00.57	1.86	pPKPdf	20	32.20	1.87
SKPdf	22	59.20	1.81	pPKiKP	19	38.30	2.03	pPKiKP	20	02.13	2.03	pPKiKP	20	33.68	2.03
PKSdf	22	59.20	1.81	sPKPdf	19	47.06	1.86	sPKPdf	20	30.89	1.86	SKPbc	20	49.96	2.99
SKPab	23	01.06	4.41	sPKiKP	19	48.68	2.03	sPKiKP	20	32.49	2.03	SKPdf	20	52.45	1.80
PKSab	23	01.06	4.41	PP	21	49.36	6.27	PP	21	28.22	6.24	SKiKP	20	55.27	2.05
SKiKP	23	01.90	2.05	SKPbc	22	31.94	3.06	SKPbc	21	48.34	3.04	SKPab	20	56.41	4.42
SKSdf	26	35.14	1.73	SKPdf	22	35.10	1.80	SKPdf	21	51.25	1.80	PP	21	01.68	6.17
SKSac	26	37.77	2.44	SKPab	22	37.23	4.41	SKiKP	21	54.00	2.05	sPKPdf	21	29.68	1.86
SKKSac	28	58.41	5.99	SKiKP	22	37.81	2.05	SKPab	21	54.03	4.42	sPKiKP	21	31.23	2.03
PKKPdf	29	02.39	-1.92	PKSbc	22	42.39	3.05	PKSbc	22	18.93	3.01	PKSbc	21	48.01	2.93
Sdiff	30	23.12	8.34	PKSdf	22	45.47	1.80	PKSdf	22	21.57	1.80	PKSdf	21	49.90	1.79
SKKPbc	31	54.09	-3.76	PKSab	22	47.82	4.41	PKSab	22	25.13	4.42	PKSab	21	55.73	4.43
PKKSbc	31	54.09	-3.76	SKSdf	26	11.03	1.73	SKSdf	25	27.18	1.72	SKSdf	24	28.35	1.72
SP	32	25.68	8.47	SKSac	26	13.71	2.43	SKSac	25	30.00	2.42	SKSac	24	31.36	2.41
PS	32	25.68	8.47	pSKSdf	26	48.89	1.73	pSKSdf	27	12.80	1.73	SKKSac	26	55.89	5.94
PKKSdf	32	39.04	-1.91	pSKSac	26	51.43	2.45	pSKSac	27	15.12	2.47	pSKSdf	27	44.50	1.74
SKKPdf	32	39.04	-1.91	sSKSdf	26	59.25	1.73	sSKSdf	27	43.10	1.73	pSKSac	27	46.39	2.51
SKKSac	35	44.40	-3.35	sSKSac	27	01.83	2.44	sSKSac	27	45.57	2.45	PKKPdf	27	53.19	-1.92
SKKSdf	36	15.66	-1.91	SKKSac	28	34.87	5.98	SKKSac	27	52.33	5.97	Sdiff	28	25.22	8.34
SS	40	02.39	11.96	PKKPdf	28	48.66	-1.92	PKKPdf	28	24.80	-1.92	sSKSdf	28	41.92	1.74
S’S’ac	42	01.30	7.58	Sdiff	30	00.19	8.34	Sdiff	29	19.04	8.34	sSKSac	28	44.17	2.48
S’S’ac	50	41.06	-4.02	pSdiff	30	34.64	8.34	SKKPbc	30	46.76	-3.75	SKKPbc	29	48.73	-3.73
S’S’df	51	41.02	-1.92	sSdiff	30	46.05	8.34	pSdiff	30	53.13	8.34	SP	30	28.00	8.39
				SKKPbc	31	30.18	-3.76	PKKSbc	31	17.58	-3.73	SKKPdf	30	32.34	-1.91
				PKKSbc	31	40.69	-3.75	SP	31	21.72	8.44	PKKSbc	30	47.36	-3.69
				SP	32	02.79	8.46	sSdiff	31	27.20	8.34	pSdiff	31	14.07	8.34
				PS	32	14.24	8.45	SKKPdf	31	31.11	-1.91	PKKSdf	31	29.84	-1.91
				SKKPdf	32	14.94	-1.91	PS	31	55.88	8.39	sSdiff	32	21.01	8.34
				PKKSdf	32	25.31	-1.91	PKKSdf	32	01.45	-1.91	SKKSac	33	38.67	-3.33
				SKKSac	35	20.44	-3.35	SKKSac	34	36.91	-3.34	SKKSdf	34	08.96	-1.91
				SKKSdf	35	51.57	-1.91	SKKSdf	35	07.74	-1.91	SS	38	14.85	11.75
				SS	39	40.83	11.93	SS	39	02.82	11.87	S’S’ac	40	01.72	7.57
				S’S’ac	41	38.15	7.58	S’S’ac	40	56.49	7.57	S’S’ac	48	35.97	-3.99
				S’S’ac	50	17.18	-4.02	S’S’ac	49	33.84	-4.01	S’S’df	49	34.32	-1.92
				S’S’df	51	16.92	-1.92	S’S’df	50	33.09	-1.92				

Delta : 138.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	16	35.98	4.45	Pdiff	16	22.75	4.45	Pdiff	16	00.08	4.45	Pdiff	15	30.71	4.45
PKPdf	19	26.66	1.84	pPdiff	16	49.20	4.45	pPdiff	17	11.87	4.45	pPdiff	17	41.25	4.45
PKiKP	19	28.66	2.04	sPdiff	16	59.80	4.45	sPdiff	17	42.99	4.45	PKPdf	18	17.38	1.83
PP	22	14.45	6.22	PKPdf	19	12.92	1.84	PKPdf	18	49.04	1.84	PKiKP	18	19.58	2.04
PKSbc	23	01.89	2.87	PKiKP	19	14.95	2.04	PKiKP	18	51.12	2.04	sPdiff	18	40.59	4.45
SKPbc	23	01.89	2.87	pPKPdf	19	40.39	1.84	pPKPdf	20	04.28	1.84	pPKPdf	20	35.92	1.85
SKPdf	23	02.78	1.77	pPKiKP	19	42.37	2.04	pPKiKP	20	06.20	2.04	pPKiKP	20	37.75	2.04
PKSdf	23	02.78	1.77	sPKPdf	19	50.76	1.84	sPKPdf	20	34.60	1.84	SKPbc	20	55.75	2.80
SKiKP	23	06.00	2.05	sPKiKP	19	52.75	2.04	sPKiKP	20	36.56	2.04	SKPdf	20	56.02	1.77
SKPab	23	09.90	4.43	PP	22	01.84	6.20	PP	21	40.62	6.17	SKiKP	20	59.37	2.05
PKSab	23	09.90	4.43	SKPbc	22	37.87	2.86	SKPbc	21	54.22	2.84	SKPab	21	05.28	4.44
SKSdf	26	38.55	1.68	SKPdf	22	38.68	1.77	SKPdf	21	54.83	1.77	PP	21	13.95	6.10
SKSac	26	42.55	2.34	SKiKP	22	41.91	2.05	SKiKP	21	58.11	2.05	sPKPdf	21	33.39	1.85
PKKPdf	28	58.55	-1.92	SKPab	22	46.08	4.43	SKPab	22	02.88	4.43	sPKiKP	21	35.30	2.04
SKKSac	29	10.32	5.92	PKSbc	22	48.30	2.86	PKSbc	22	24.75	2.82	PKSdf	21	53.45	1.76
Sdiff	30	39.80	8.34	PKSdf	22	49.04	1.77	PKSdf	22	25.14	1.77	PKSbc	21	53.69	2.74
SKKPbc	31	46.49	-3.84	PKSab	22	56.67	4.43	PKSab	22	33.99	4.44	PKSab	22	04.61	4.44
PKKSbc	31	46.49	-3.84	SKSdf	26	14.44	1.68	SKSdf	25	30.58	1.68	SKSdf	24	31.74	1.67
SKKPdf	32	35.21	-1.92	SKSac	26	18.48	2.33	SKSac	25	34.72	2.33	SKSac	24	36.07	2.31
PKKSdf	32	35.21	-1.92	pSKSdf	26	52.30	1.69	pSKSdf	27	16.23	1.69	SKKSac	27	07.69	5.87
SP	32	42.56	8.40	pSKSac	26	56.22	2.34	pSKSac	27	19.95	2.36	pSKSdf	27	47.94	1.70
PS	32	42.56	8.40	sSKSdf	27	02.66	1.69	sSKSdf	27	46.52	1.69	PKKPdf	27	49.35	-1.92
SKKSac	35	37.64	-3.41	sSKSac	27	06.61	2.34	sSKSac	27	50.37	2.35	pSKSac	27	51.29	2.39
SKKSdf	36	11.85	-1.91	PKKPdf	28	44.82	-1.92	SKKSac	28	04.19	5.90	Sdiff	28	41.90	8.34
SS	40	26.19	11.84	SKKSac	28	46.77	5.91	PKKPdf	28	20.96	-1.92	sSKSdf	28	45.36	1.69
S’S’ac	42	16.45	7.57	Sdiff	30	16.87	8.34	Sdiff	29	35.72	8.34	sSKSac	28	49.01	2.37
S’S’ac	50	32.94	-4.09	pSdiff	30	51.32	8.34	SKKPbc	30	39.19	-3.82	SKKPbc	29	41.21	-3.80
S’S’df	51	37.18	-1.92	sSdiff	31	02.73	8.34	pSdiff	31	09.81	8.34	SKKPdf	30	28.51	-1.92
				SKKPbc	31	22.58	-3.84	PKKSbc	31	10.04	-3.81	PKKSbc	30	39.90	-3.77
				PKKSbc	31	33.11	-3.83	SKKPdf	31	27.28	-1.92	PKKSdf	31	26.01	-1.92
				SKKPdf	32	11.11	-1.92	SP	31	38.52	8.36	pSdiff	31	30.75	8.34
				SP	32	19.64	8.39	sSdiff	31	43.88	8.34	sSdiff	32	37.69	8.34
				PKKSdf	32	21.48	-1.92	PKKSdf	31	57.62	-1.92	SKKSac	33	31.96	-3.38
				PS	32	31.07	8.38	SKKSac	34	30.17	-3.40	SKKSdf	34	05.14	-1.91
				SKKSac	35	13.68	-3.40	SKKSdf	35	03.92	-1.91	SS	38	38.24	11.64
				SKKSdf	35	47.75	-1.91	SS	39	26.45	11.76	S’S’ac	40	16.85	7.56
				SS	40	04.58	11.82	S’S’ac	41	11.63	7.57	S’S’ac	48	27.92	-4.06
				S’S’ac	41	53.29	7.57	S’S’ac	49	25.76	-4.08	S’S’df	49	30.48	-1.92
				S’S’ac	50	09.07	-4.09	S’S’df	50	29.25	-1.92				
				S’S’df	51	13.08	-1.92								

Delta : 140.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	16	44.87	4.45	Pdiff	16	31.65	4.45	Pdiff	16	08.97	4.45	Pdiff	15	39.60	4.45
PKPdf	19	30.31	1.82	pPdiff	16	58.09	4.45	pPdiff	17	20.76	4.45	pPdiff	17	50.14	4.45
PKiKP	19	32.75	2.05	sPdiff	17	08.69	4.45	sPdiff	17	51.88	4.45	PKPdf	18	21.02	1.80
PP	22	26.81	6.14	PKPdf	19	16.58	1.81	PKPdf	18	52.68	1.81	PKiKP	18	23.67	2.05
PKSdf	23	06.30	1.74	PKiKP	19	19.04	2.05	PKiKP	18	55.21	2.05	sPdiff	18	49.48	4.45
SKPdf	23	06.30	1.74	pPKPdf	19	44.05	1.82	pPKPdf	20	07.94	1.82	pPKPdf	20	39.60	1.83
PKSbc	23	07.44	2.68	pPKiKP	19	46.46	2.04	pPKiKP	20	10.29	2.04	pPKiKP	20	41.83	2.04
SKPbc	23	07.44	2.68	sPKPdf	19	54.42	1.82	sPKPdf	20	38.26	1.82	SKPdf	20	59.51	1.73
SKiKP	23	10.11	2.06	sPKiKP	19	56.84	2.05	sPKiKP	20	40.65	2.04	SKPbc	21	01.17	2.62
SKPab	23	18.77	4.44	PP	22	14.17	6.13	PP	21	52.88	6.09	SKiKP	21	03.49	2.06
PKSab	23	18.77	4.44	SKPdf	22	42.19	1.74	SKPdf	21	58.33	1.73	SKPab	21	14.16	4.45
SKSdf	26	41.87	1.64	SKPbc	22	43.40	2.67	SKPbc	21	59.71	2.65	PP	21	26.07	6.03
SKSac	26	47.13	2.24	SKiKP	22	46.02	2.06	SKiKP	22	02.22	2.06	sPKPdf	21	37.06	1.82
PKKPdf	28	54.70	-1.92	PKSdf	22	52.55	1.73	SKPab	22	11.76	4.44	sPKiKP	21	39.38	2.04
SKKSac	29	22.10	5.85	PKSbc	22	53.82	2.66	PKSdf	22	28.64	1.73	PKSdf	21	56.93	1.72
Sdiff	30	56.48	8.34	SKPab	22	54.95	4.44	PKSbc	22	30.19	2.63	PKSbc	21	59.00	2.57
SKKPbc	31	38.72	-3.93	PKSab	23	05.55	4.44	PKSab	22	42.88	4.44	SKSdf	24	35.04	1.62
PKKSbc	31	38.72	-3.93	SKSdf	26	17.76	1.63	SKSdf	25	33.89	1.63	SKSac	24	40.60	2.22
PKKSab	31	40.82	-4.45	SKSac	26	23.06	2.24	SKSac	25	39.28	2.23	SKKSac	27	19.36	5.80
SKKPab	31	40.82	-4.45	pSKSdf	26	55.63	1.64	pSKSdf	27	19.56	1.64	PKKPdf	27	45.51	-1.92
SKKPdf	32	31.37	-1.92	pSKSac	27	00.81	2.25	pSKSac	27	24.57	2.27	pSKSdf	27	51.30	1.66
PKKSdf	32	31.37	-1.92	sSKSdf	27	05.99	1.64	sSKSdf	27	49.85	1.64	pSKSac	27	55.98	2.29
SKKSac	35	30.78	-3.46	sSKSac	27	11.20	2.25	sSKSac	27	54.98	2.26	sSKSdf	28	48.70	1.65
SKKSdf	36	08.02	-1.91	PKKPdf	28	40.98	-1.92	SKKSac	28	15.92	5.83	sSKSac	28	53.64	2.27
SS	40	49.76	11.73	SKKSac	28	58.53	5.85	PKKPdf	28	17.12	-1.92	Sdiff	28	58.59	8.34
S’S’ac	42	31.58	7.56	Sdiff	30	33.55	8.34	Sdiff	29	52.40	8.34	SKKPbc	29	33.52	-3.88
S’S’ac	50	24.68	-4.16	pSdiff	31	08.00	8.34	SKKPbc	30	31.46	-3.91	SKKPdf	30	24.68	-1.92
S’S’df	51	33.33	-1.92	SKKPbc	31	14.83	-3.92	SKKPab	30	33.81	-4.45	PKKSbc	30	32.29	-3.85
				SKKPab	31	17.00	-4.45	PKKSbc	31	02.35	-3.89	PKKSdf	31	22.17	-1.92
				sSdiff	31	19.41	8.34	SKKPdf	31	23.45	-1.92	pSdiff	31	47.43	8.34
				PKKSbc	31	25.36	-3.91	pSdiff	31	26.49	8.34	sSdiff	32	54.37	8.34
				PKKSab	31	27.59	-4.45	PKKSdf	31	53.78	-1.92	SKKSac	33	25.14	-3.44
				SKKPdf	32	07.28	-1.92	sSdiff	32	00.56	8.34	SKKSdf	34	01.32	-1.91
				PKKSdf	32	17.65	-1.92	SKKSac	34	23.32	-3.45	SS	39	01.41	11.53
				SKKSac	35	06.82	-3.46	SKKSdf	35	00.10	-1.91	S’S’ac	40	31.96	7.55
				SKKSdf	35	43.92	-1.91	SS	39	49.85	11.64	S’S’ac	48	19.74	-4.13
				SS	40	28.10	11.70	S’S’ac	41	26.75	7.56	S’S’df	49	26.64	-1.92
				S’S’ac	42	08.42	7.56	S’S’ac	49	17.53	-4.15				
				S’S’ac	50	00.82	-4.16	S’S’df	50	25.41	-1.92				
				S’S’df	51	09.24	-1.92								

Delta : 142.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	16	53.76	4.45	Pdiff	16	40.54	4.45	Pdiff	16	17.87	4.45	Pdiff	15	48.49	4.45
PKPdf	19	33.92	1.79	pPdiff	17	06.98	4.45	pPdiff	17	29.66	4.45	pPdiff	17	59.03	4.45
PKiKP	19	36.84	2.05	sPdiff	17	17.58	4.45	sPdiff	18	00.77	4.45	PKPdf	18	24.59	1.77
PP	22	39.03	6.07	PKPdf	19	20.18	1.78	PKPdf	18	56.27	1.78	PKiKP	18	27.77	2.05
PKSdf	23	09.73	1.69	PKiKP	19	23.14	2.05	PKiKP	18	59.31	2.05	sPdiff	18	58.37	4.45
SKPdf	23	09.73	1.69	pPKPdf	19	47.66	1.79	pPKPdf	20	11.55	1.79	pPKPdf	20	43.23	1.80
PKSbc	23	12.62	2.51	pPKiKP	19	50.55	2.05	pPKiKP	20	14.38	2.05	pPKiKP	20	45.92	2.05
SKPbc	23	12.62	2.51	sPKPdf	19	58.02	1.79	sPKPdf	20	41.87	1.79	SKPdf	21	02.92	1.68
SKiKP	23	14.23	2.06	sPKiKP	20	00.93	2.05	sPKiKP	20	44.74	2.05	SKPbc	21	06.24	2.46
SKPab	23	27.66	4.45	PP	22	26.36	6.06	SKPdf	22	01.76	1.69	SKiKP	21	07.60	2.06
PKSab	23	27.66	4.45	SKPdf	22	45.62	1.69	SKPbc	22	04.84	2.49	PP	21	38.05	5.95
SKSdf	26	45.09	1.58	SKPbc	22	48.56	2.50	PP	22	05.00	6.02	sPKPdf	21	40.67	1.79
SKSac	26	51.53	2.16	SKiKP	22	50.14	2.06	SKiKP	22	06.34	2.06	sPKiKP	21	43.47	2.05
PKKPdf	28	50.86	-1.92	PKSdf	22	55.98	1.69	PKSdf	22	32.05	1.68	PKSdf	22	00.33	1.67
SKKSac	29	33.74	5.79	PKSbc	22	58.97	2.50	PKSbc	22	35.29	2.47	PKSbc	22	03.99	2.42
Sdiff	31	13.16	8.34	SKSdf	26	20.97	1.57	SKSdf	25	37.09	1.57	SKSdf	24	38.23	1.56
SKKPbc	31	30.78	-4.02	SKSac	26	27.45	2.16	SKSac	25	43.66	2.15	SKSac	24	44.96	2.14
PKKSbc	31	30.78	-4.02	pSKSdf	26	58.85	1.58	pSKSdf	27	22.80	1.59	SKKSac	27	30.90	5.74
PKKSab	31	31.93	-4.44	pSKSac	27	05.23	2.17	pSKSac	27	29.02	2.18	PKKPdf	27	41.66	-1.92
SKKPab	31	31.93	-4.44	sSKSdf	27	09.20	1.58	sSKSdf	27	53.08	1.58	pSKSdf	27	54.56	1.60
SKKPdf	32	27.53	-1.92	sSKSac	27	15.61	2.16	sSKSac	27	59.40	2.17	pSKSac	28	00.48	2.20
PKKSdf	32	27.53	-1.92	PKKPdf	28	37.13	-1.92	PKKPdf	28	13.27	-1.92	sSKSdf	28	51.93	1.59
SKKSac	35	23.80	-3.52	SKKSac	29	10.16	5.78	SKKSac	28	27.52	5.76	sSKSac	28	58.10	2.18
SKKSdf	36	04.19	-1.92	Sdiff	30	50.23	8.34	Sdiff	30	09.08	8.34	Sdiff	29	15.27	8.34
SS	41	13.11	11.61	SKKPbc	31	06.90	-4.01	SKKPbc	30	23.56	-3.99	SKKPbc	29	25.67	-3.97
S’S’ac	42	46.69	7.55	SKKPab	31	08.11	-4.44	SKKPab	30	24.92	-4.44	SKKPab	29	27.32	-4.44
S’S’ac	50	16.29	-4.23	PKKSbc	31	17.44	-4.00	PKKSbc	30	54.48	-3.98	SKKPdf	30	20.84	-1.92
S’S’df	51	29.49	-1.92	PKKSab	31	18.71	-4.44	PKKSab	30	56.03	-4.44	PKKSbc	30	24.51	-3.93
				pSdiff	31	24.68	8.34	SKKPdf	31	19.61	-1.92	PKKSab	30	26.66	-4.45
				sSdiff	31	36.09	8.34	pSdiff	31	43.17	8.34	PKKSdf	31	18.34	-1.92
				SKKPdf	32	03.44	-1.92	PKKSdf	31	49.95	-1.92	pSdiff	32	04.12	8.34
				PKKSdf	32	13.81	-1.92	sSdiff	32	17.24	8.34	sSdiff	33	11.06	8.34
				SKKSac	34	59.85	-3.51	SKKSac	34	16.36	-3.50	SKKSac	33	18.21	-3.49
				SKKSdf	35	40.09	-1.92	SKKSdf	34	56.27	-1.92	SKKSdf	33	57.49	-1.92
				SS	40	51.39	11.59	SS	40	13.02	11.53	SS	39	24.35	11.41
				S’S’ac	42	23.53	7.55	S’S’ac	41	41.85	7.54	S’S’ac	40	47.05	7.54
				S’S’ac	49	52.44	-4.23	S’S’ac	49	09.17	-4.22	S’S’ac	48	11.42	-4.20
				S’S’df	51	05.39	-1.92	S’S’df	50	21.56	-1.92	S’S’df	49	22.79	-1.92

Delta : 144.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
Pdiff	17	02.65	4.45	Pdiff	16	49.43	4.45	Pdiff	16	26.76	4.45	Pdiff	15	57.38	4.45
PKPdf	19	37.45	1.75	pPdiff	17	15.88	4.45	pPdiff	17	38.55	4.45	pPdiff	18	07.92	4.45
PKiKP	19	40.95	2.05	sPdiff	17	26.47	4.45	sPdiff	18	09.66	4.45	PKPbc	18	27.68	3.16
PP	22	51.10	6.00	PKPdf	19	23.71	1.75	PKPdf	18	59.79	1.74	PKPab	18	27.97	3.78
PKSdf	23	13.06	1.64	PKiKP	19	27.24	2.05	PKiKP	19	03.42	2.06	PKPdf	18	28.09	1.73
SKPdf	23	13.06	1.64	pPKPdf	19	51.19	1.75	pPKPdf	20	15.10	1.76	PKiKP	18	31.88	2.06
PKSbc	23	17.49	2.37	pPKiKP	19	54.66	2.05	pPKiKP	20	18.48	2.05	sPdiff	19	07.26	4.45
SKPbc	23	17.49	2.37	sPKPdf	20	01.56	1.75	sPKPdf	20	45.41	1.75	pPKPdf	20	46.79	1.76
SKiKP	23	18.35	2.06	sPKiKP	20	05.04	2.05	sPKiKP	20	48.84	2.05	pPKiKP	20	50.02	2.05
SKSdf	26	48.17	1.51	PP	22	38.40	5.99	SKPdf	22	05.08	1.64	SKPdf	21	06.24	1.63
SKSac	26	55.78	2.08	SKPdf	22	48.95	1.64	SKPbc	22	09.67	2.35	SKPbc	21	11.03	2.33
PKKPdf	28	47.01	-1.92	SKPbc	22	53.42	2.36	SKiKP	22	10.46	2.06	SKiKP	21	11.73	2.06
SKKSac	29	45.25	5.72	SKiKP	22	54.26	2.06	PP	22	16.97	5.95	sPKPdf	21	44.23	1.76
SKKPbc	31	22.65	-4.12	PKSdf	22	59.31	1.64	PKSdf	22	35.37	1.63	sPKiKP	21	47.58	2.05
PKKSbc	31	22.65	-4.12	PKSbc	23	03.82	2.36	PKSbc	22	40.09	2.34	PP	21	49.89	5.88
PKKSab	31	23.07	-4.42	SKSdf	26	24.05	1.51	SKSdf	25	40.17	1.51	PKSdf	22	03.62	1.62
SKKPab	31	23.07	-4.42	SKSac	26	31.69	2.08	SKSac	25	47.89	2.07	PKSbc	22	08.71	2.30
Sdiff	31	29.84	8.34	pSKSdf	27	01.94	1.51	pSKSdf	27	25.90	1.52	SKSdf	24	41.29	1.50
PKKSdf	32	23.69	-1.92	pSKSac	27	09.48	2.09	pSKSac	27	33.30	2.10	PKKPdf	27	37.82	-1.92
SKKPdf	32	23.69	-1.92	sSKSdf	27	12.29	1.51	sSKSdf	27	56.18	1.52	SKKSac	27	42.31	5.67
SKKSac	35	16.71	-3.57	sSKSac	27	19.87	2.09	sSKSac	28	03.67	2.09	pSKSdf	27	57.69	1.53
SKKSdf	36	00.36	-1.92	PKKPdf	28	33.29	-1.92	PKKPdf	28	09.43	-1.92	pSKSac	28	04.80	2.12
SS	41	36.22	11.50	SKKSac	29	21.65	5.71	SKKSac	28	38.98	5.70	sSKSdf	28	55.05	1.52
S’S’ac	43	01.78	7.54	SKKPbc	30	58.78	-4.11	SKKPbc	30	15.48	-4.09	sSKSac	29	02.39	2.11
S’S’ac	50	07.75	-4.30	SKKPab	30	59.25	-4.42	SKKPab	30	16.05	-4.43	SKKPbc	29	17.64	-4.06
S’S’df	51	25.64	-1.92	Sdiff	31	06.91	8.34	Sdiff	30	25.76	8.34	SKKPab	29	18.44	-4.43
				PKKSbc	31	09.34	-4.10	PKKSbc	30	46.43	-4.07	Sdiff	29	31.95	8.34
				PKKSab	31	09.84	-4.42	PKKSab	30	47.16	-4.43	PKKSbc	30	16.57	-4.02
				pSdiff	31	41.36	8.34	SKKPdf	31	15.77	-1.92	SKKPdf	30	17.00	-1.92
				sSdiff	31	52.77	8.34	PKKSdf	31	46.10	-1.92	PKKSab	30	17.77	-4.44
				SKKPdf	31	59.60	-1.92	pSdiff	31	59.85	8.34	PKKSdf	31	14.50	-1.92
				PKKSdf	32	10.00	-1.92	sSdiff	32	33.92	8.34	pSdiff	32	20.80	8.34
				SKKSac	34	52.77	-3.57	SKKSac	34	09.30	-3.56	SKKSac	33	11.18	-3.54
				SKKSdf	35	36.26	-1.92	SKKSdf	34	52.43	-1.92	sSdiff	33	27.74	8.34
				SS	41	14.45	11.47	SS	40	35.96	11.41	SKKSdf	33	53.66	-1.92
				S’S’ac	42	38.61	7.54	S’S’ac	41	56.93	7.53	SS	39	47.06	11.29
				S’S’ac	49	43.91	-4.30	S’S’ac	49	00.66	-4.29	S’S’ac	41	02.11	7.52
				S’S’df	51	01.54	-1.92	S’S’df	50	17.72	-1.92	S’S’ac	48	02.95	-4.27
												S’S’df	49	18.95	-1.92

Delta : 146.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	19	40.90	1.70	PKPdf	19	27.15	1.70	PKPdf	19	03.23	1.69	PKPdf	18	31.51	1.68
PKPbc	19	41.65	3.04	PKPbc	19	28.09	3.00	PKPbc	19	04.60	2.91	PKPbc	18	33.58	2.78
PKPab	19	42.17	3.80	PKPab	19	28.78	3.83	PKPab	19	05.75	3.90	PKPab	18	35.77	3.99
PKiKP	19	45.06	2.06	PKiKP	19	31.35	2.06	PKiKP	19	07.53	2.06	PKiKP	18	35.99	2.06
PP	23	03.03	5.93	pPKPdf	19	54.65	1.70	pPKPdf	20	18.57	1.71	pPKPdf	20	50.28	1.72
SKPdf	23	16.28	1.58	pPKPbc	19	55.20	3.08	pPKPbc	20	18.61	3.22	pPKiKP	20	54.13	2.06
PKSdf	23	16.28	1.58	pPKPab	19	55.57	3.76	pPKPab	20	18.69	3.64	SKPdf	21	09.43	1.56
PKSbc	23	22.11	2.25	pPKiKP	19	58.77	2.06	pPKiKP	20	22.59	2.06	SKPbc	21	15.58	2.22
SKPbc	23	22.11	2.25	sPKPdf	20	05.01	1.70	sPKPdf	20	48.87	1.71	SKiKP	21	15.86	2.06
SKiKP	23	22.48	2.06	sPKPbc	20	05.65	3.06	sPKPbc	20	49.25	3.12	sPKPbc	21	47.55	3.30
SKSdf	26	51.13	1.44	sPKPab	20	06.08	3.78	sPKPab	20	49.50	3.73	sPKPab	21	47.57	3.58
PKKPdf	28	43.17	-1.92	sPKiKP	20	09.15	2.06	sPKiKP	20	52.95	2.06	sPKPdf	21	47.70	1.71
SKKSac	29	56.62	5.65	PP	22	50.30	5.91	SKPdf	22	08.29	1.57	sPKiKP	21	51.69	2.06
SKKPbc	31	14.28	-4.29	SKPdf	22	52.16	1.57	SKPbc	22	14.26	2.24	PP	22	01.58	5.81
PKKSbc	31	14.28	-4.29	SKPbc	22	58.03	2.25	SKiKP	22	14.59	2.06	PKSdf	22	06.79	1.55
PKKSab	31	14.28	-4.32	SKiKP	22	58.39	2.06	PP	22	28.80	5.88	PKSbc	22	13.21	2.20
SKKPab	31	14.28	-4.32	PKSdf	23	02.52	1.57	PKSdf	22	38.57	1.57	SKSdf	24	44.22	1.43
PKKSab	31	14.28	-4.35	PKSbc	23	08.43	2.25	PKSbc	22	44.66	2.23	PKKPdf	27	33.97	-1.92
PKKSdf	32	19.85	-1.92	SKSdf	26	27.00	1.44	SKSdf	25	43.11	1.44	SKKSac	27	53.58	5.60
SKKPdf	32	19.85	-1.92	pSKSdf	27	04.90	1.45	pSKSdf	27	28.88	1.45	pSKSdf	28	00.70	1.47
SKKSac	35	09.52	-3.62	sSKSdf	27	15.25	1.45	sSKSdf	27	59.14	1.45	sSKSdf	28	58.03	1.46
SKKSdf	35	56.52	-1.92	PKKPdf	28	29.44	-1.92	PKKPdf	28	05.58	-1.92	SKKPbc	29	09.41	-4.18
SS	41	59.10	11.38	SKKSac	29	33.01	5.65	SKKSac	28	50.31	5.63	SKKPab	29	09.60	-4.40
S’S’ac	43	16.84	7.52	SKKPbc	30	50.43	-4.26	SKKPbc	30	07.17	-4.22	PKKSbc	30	08.44	-4.12
S’S’ac	49	59.07	-4.38	SKKPab	30	50.45	-4.36	SKKPab	30	07.23	-4.38	PKKSab	30	08.90	-4.42
S’S’df	51	21.79	-1.92	PKKSbc	31	01.00	-4.24	PKKSbc	30	38.18	-4.19	SKKPdf	30	13.15	-1.92
				PKKSab	31	01.03	-4.37	PKKSab	30	38.32	-4.40	PKKSdf	31	10.65	-1.92
				SKKPdf	31	55.75	-1.92	SKKPdf	31	11.93	-1.92	SKKSac	33	04.03	-3.60
				PKKSdf	32	06.12	-1.92	PKKSdf	31	42.26	-1.92	SKKSdf	33	49.82	-1.92
				SKKSac	34	45.58	-3.62	SKKSac	34	02.13	-3.61	SS	40	09.53	11.18
				SKKSdf	35	32.42	-1.92	SKKSdf	34	48.60	-1.92	S’S’ac	41	17.14	7.51
				SS	41	37.28	11.35	SS	40	58.66	11.29	S’S’ac	47	54.35	-4.33
				S’S’ac	42	53.67	7.52	S’S’ac	42	11.98	7.52	S’S’df	49	15.10	-1.92
				S’S’ac	49	35.24	-4.37	S’S’ac	48	52.02	-4.36				
				S’S’df	50	57.70	-1.92	S’S’df	50	13.87	-1.92				

Delta : 148.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	19	44.25	1.65	PKPdf	19	30.50	1.64	PKPdf	19	06.56	1.64	PKPdf	18	34.81	1.62
PKPbc	19	47.33	2.67	PKPbc	19	33.71	2.64	PKPbc	19	10.08	2.58	PKPbc	18	38.84	2.50
PKiKP	19	49.18	2.06	PKiKP	19	35.47	2.06	PKiKP	19	11.65	2.06	PKiKP	18	40.12	2.06
PKPab	19	50.00	3.99	PKPab	19	36.64	4.01	PKPab	19	13.71	4.05	PKPab	18	43.88	4.11
PP	23	14.80	5.85	pPKPdf	19	58.01	1.65	pPKPdf	20	21.94	1.66	pPKPdf	20	53.67	1.67
SKPdf	23	19.36	1.50	pPKPbc	20	00.95	2.69	pPKPbc	20	24.54	2.76	pPKPbc	20	55.57	2.91
PKSdf	23	19.36	1.50	pPKiKP	20	02.89	2.06	pPKPab	20	26.32	3.93	pPKPab	20	56.37	3.81
SKPbc	23	26.51	2.16	pPKPab	20	03.33	3.97	pPKiKP	20	26.71	2.06	pPKiKP	20	58.25	2.06
PKSbc	23	26.51	2.16	sPKPdf	20	08.36	1.65	sPKPdf	20	52.23	1.65	SKPdf	21	12.48	1.49
SKiKP	23	26.61	2.06	sPKPbc	20	11.37	2.68	sPKPbc	20	55.06	2.72	SKPbc	21	19.94	2.13
SKSdf	26	53.95	1.37	sPKiKP	20	13.27	2.06	sPKiKP	20	57.07	2.06	SKiKP	21	20.00	2.07
PKKPdf	28	39.32	-1.92	sPKPab	20	13.87	3.98	sPKPab	20	57.22	3.96	sPKPdf	21	51.07	1.66
SKKSac	30	07.86	5.59	SKPdf	22	55.24	1.50	SKPdf	22	11.36	1.50	sPKPbc	21	53.55	2.79
PKKSdf	32	16.00	-1.92	PP	23	02.05	5.84	SKPbc	22	18.64	2.15	sPKPab	21	55.14	3.91
SKKPdf	32	16.00	-1.92	SKPbc	23	02.43	2.15	SKiKP	22	18.72	2.07	sPKiKP	21	55.80	2.06
SKKSac	35	02.21	-3.68	SKiKP	23	02.52	2.06	PP	22	40.48	5.80	PKSdf	22	09.82	1.48
SKKSdf	35	52.68	-1.92	PKSdf	23	05.60	1.50	PKSdf	22	41.63	1.49	PP	22	13.12	5.74
SS	42	21.74	11.26	PKSbc	23	12.82	2.15	PKSbc	22	49.02	2.14	PKSbc	22	17.52	2.11
S’S’ac	43	31.87	7.51	SKSdf	26	29.82	1.37	SKSdf	25	45.92	1.37	SKSdf	24	47.02	1.36
S’S’ac	49	50.25	-4.45	pSKSdf	27	07.73	1.38	pSKSdf	27	31.72	1.38	PKKPdf	27	30.12	-1.92
S’S’df	51	17.95	-1.92	sSKSdf	27	18.08	1.38	PKKPdf	28	01.73	-1.92	pSKSdf	28	03.56	1.40
				PKKPdf	28	25.59	-1.92	sSKSdf	28	01.97	1.38	SKKSac	28	04.72	5.54
				SKKSac	29	44.24	5.58	SKKSac	29	01.50	5.56	sSKSdf	29	00.87	1.39
				SKKPdf	31	51.91	-1.92	SKKPdf	31	08.08	-1.92	PKKSbc	30	00.08	-4.26
				PKKSdf	32	02.28	-1.92	PKKSdf	31	38.42	-1.92	PKKSab	30	00.10	-4.37
				SKKSac	34	38.29	-3.68	SKKSac	33	54.85	-3.67	SKKPdf	30	09.31	-1.92
				SKKSdf	35	28.58	-1.92	SKKSdf	34	44.76	-1.92	PKKSdf	31	06.81	-1.92
				SS	41	59.87	11.23	SS	41	21.13	11.17	SKKSac	32	56.78	-3.65
				S’S’ac	43	08.70	7.51	S’S’ac	42	26.99	7.50	SKKSdf	33	45.99	-1.92
				S’S’ac	49	26.43	-4.44	S’S’ac	48	43.23	-4.43	SS	40	31.77	11.06
				S’S’df	50	53.85	-1.92	S’S’df	50	10.02	-1.92	S’S’ac	41	32.14	7.49
												S’S’ac	47	45.61	-4.41
												S’S’df	49	11.25	-1.92

Delta : 150.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	19	47.48	1.58	PKPdf	19	33.72	1.57	PKPdf	19	09.76	1.56	PKPdf	18	37.99	1.55
PKPbc	19	52.40	2.42	PKPbc	19	38.74	2.41	PKPbc	19	15.03	2.38	PKPbc	18	43.67	2.33
PKiKP	19	53.30	2.06	PKiKP	19	39.60	2.06	PKiKP	19	15.77	2.06	PKiKP	18	44.24	2.06
PKPab	19	58.09	4.11	PKPab	19	44.78	4.12	PKPab	19	21.90	4.14	PKPab	18	52.18	4.19
SKPdf	23	22.30	1.43	pPKPdf	20	01.24	1.58	pPKPdf	20	25.19	1.59	pPKPdf	20	56.95	1.61
PKSdf	23	22.30	1.43	pPKPbc	20	06.05	2.44	pPKPbc	20	29.75	2.47	pPKPbc	21	01.01	2.55
PP	23	26.43	5.78	pPKiKP	20	07.01	2.06	pPKiKP	20	30.83	2.06	pPKiKP	21	02.37	2.06
SKSdf	26	56.62	1.30	pPKPab	20	11.41	4.09	pPKPab	20	34.32	4.06	pPKPab	21	04.20	3.99
PKKPdf	28	35.47	-1.92	sPKPdf	20	11.60	1.58	sPKPdf	20	55.47	1.58	SKPdf	21	15.39	1.42
SKKSac	30	18.96	5.52	sPKPbc	20	16.46	2.43	sPKPbc	21	00.19	2.45	sPKPdf	21	54.33	1.59
PKKSdf	32	12.16	-1.92	sPKiKP	20	17.39	2.06	sPKiKP	21	01.20	2.06	sPKPbc	21	58.79	2.49
SKKPdf	32	12.16	-1.92	sPKPab	20	21.96	4.10	sPKPab	21	05.27	4.08	sPKiKP	21	59.93	2.06
SKKSac	34	54.80	-3.74	SKPdf	22	58.17	1.43	SKPdf	22	14.28	1.43	sPKPab	22	03.11	4.05
SKKSdf	35	48.84	-1.92	PKSdf	23	08.53	1.43	PKSdf	22	44.54	1.42	PKSdf	22	12.71	1.41
SS	42	44.13	11.14	PP	23	13.65	5.76	PP	22	52.01	5.73	PP	22	24.52	5.67
S’S’ac	43	46.87	7.49	SKSdf	26	32.49	1.30	SKSdf	25	48.59	1.29	SKSdf	24	49.67	1.29
S’S’ac	49	41.28	-4.52	pSKSdf	27	10.41	1.30	pSKSdf	27	34.42	1.31	PKKPdf	27	26.27	-1.92
				sSKSdf	27	20.76	1.30	PKKPdf	27	57.88	-1.92	pSKSdf	28	06.29	1.32
				PKKPdf	28	21.74	-1.92	sSKSdf	28	04.66	1.31	SKKSac	28	15.73	5.47
				SKKSac	29	55.33	5.51	SKKSac	29	12.57	5.50	sSKSdf	29	03.58	1.31
				SKKPdf	31	48.06	-1.92	SKKPdf	31	04.23	-1.92	SKKPdf	30	05.46	-1.92
				PKKSdf	31	58.43	-1.92	PKKSdf	31	34.57	-1.92	PKKSdf	31	02.96	-1.92
				SKKSac	34	30.88	-3.73	SKKSac	33	47.45	-3.72	SKKSac	32	49.42	-3.71
				SKKSdf	35	24.74	-1.92	SKKSdf	34	40.92	-1.92	SKKSdf	33	42.14	-1.92
				SS	42	22.21	11.11	SS	41	43.36	11.06	SS	40	53.78	10.95
				S’S’ac	43	23.69	7.49	S’S’ac	42	41.97	7.48	S’S’ac	41	47.08	7.44
				S’S’ac	49	17.47	-4.51	S’S’ac	48	34.31	-4.50	S’S’ac	47	36.73	-4.48
												S’S’df	49	07.40	-1.92

Delta : 152.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	19	50.55	1.50	PKPdf	19	36.78	1.49	PKPdf	19	12.81	1.49	PKPdf	18	41.00	1.47
PKPbc	19	57.08	2.27	PKPbc	19	43.40	2.26	PKPbc	19	19.64	2.24	PKPbc	18	48.19	2.20
PKiKP	19	57.43	2.06	PKiKP	19	43.72	2.06	PKiKP	19	19.90	2.06	PKiKP	18	48.37	2.06
PKPab	20	06.39	4.18	PKPab	19	53.10	4.19	PKPab	19	30.27	4.21	PKPab	19	00.62	4.25
SKPdf	23	25.08	1.35	pPKPdf	20	04.32	1.50	pPKPdf	20	28.29	1.51	pPKPdf	21	00.08	1.53
PKSdf	23	25.08	1.35	pPKPbc	20	10.76	2.28	pPKPbc	20	34.51	2.30	pPKPbc	21	05.89	2.35
PP	23	37.91	5.70	pPKiKP	20	11.14	2.06	pPKiKP	20	34.96	2.06	pPKiKP	21	06.49	2.06
SKSdf	26	59.15	1.22	sPKPdf	20	14.67	1.50	pPKPab	20	42.54	4.15	pPKPab	21	12.31	4.10
SKKSac	30	29.94	5.45	pPKPab	20	19.69	4.18	sPKPdf	20	58.56	1.50	SKPdf	21	18.15	1.34
SKKPdf	32	08.31	-1.92	sPKPbc	20	21.16	2.27	sPKPbc	21	04.92	2.29	sPKPdf	21	57.43	1.51
PKKSdf	32	08.31	-1.92	sPKiKP	20	21.52	2.06	sPKiKP	21	05.32	2.06	sPKPbc	22	03.58	2.31
SKKSac	34	47.27	-3.79	sPKPab	20	30.25	4.18	sPKPab	21	13.53	4.17	sPKiKP	22	04.05	2.06
SKKSdf	35	44.99	-1.92	SKPdf	23	00.96	1.35	SKPdf	22	17.05	1.35	sPKPab	22	11.31	4.15
SS	43	06.30	11.02	PKSdf	23	11.30	1.35	PKSdf	22	47.30	1.34	PKSdf	22	15.44	1.33
S’S’ac	44	01.81	7.44	PP	23	25.10	5.69	PP	23	03.39	5.66	PP	22	35.79	5.60
S’S’ac	49	32.17	-4.60	SKSdf	26	35.01	1.22	SKSdf	25	51.10	1.22	SKSdf	24	52.17	1.21
				pSKSdf	27	12.94	1.23	pSKSdf	27	36.96	1.23	pSKSdf	28	08.86	1.25
				sSKSdf	27	23.28	1.22	sSKSdf	28	07.20	1.23	SKKSac	28	26.61	5.41
				SKKSac	30	06.29	5.45	SKKSac	29	23.50	5.43	sSKSdf	29	06.12	1.24
				SKKPdf	31	44.21	-1.92	SKKPdf	31	00.39	-1.92	SKKPdf	30	01.62	-1.92
				PKKSdf	31	54.59	-1.92	PKKSdf	31	30.72	-1.92	PKKSdf	30	59.12	-1.92
				SKKSac	34	23.36	-3.79	SKKSac	33	39.95	-3.78	SKKSac	32	41.94	-3.76
				SKKSdf	35	20.90	-1.92	SKKSdf	34	37.07	-1.92	SKKSdf	33	38.30	-1.92
				SS	42	44.33	11.00	SS	42	05.36	10.94	SS	41	15.56	10.83
				S’S’ac	43	38.62	7.42	S’S’ac	42	56.85	7.37	S’S’ac	42	01.81	7.31
				S’S’ac	49	08.37	-4.59	S’S’ac	48	25.23	-4.58	S’S’ac	47	27.71	-4.55

Delta : 154.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	19	53.47	1.41	PKPdf	19	39.69	1.41	PKPdf	19	15.70	1.40	PKPdf	18	43.86	1.39
PKPbc	20	01.49	2.15	PKPbc	19	47.80	2.14	PKPbc	19	24.00	2.13	PKPbc	18	52.49	2.10
PKiKP	20	01.56	2.07	PKiKP	19	47.85	2.07	PKiKP	19	24.03	2.07	PKiKP	18	52.50	2.07
PKPab	20	14.82	4.24	PKPab	20	01.54	4.25	PKPab	19	38.75	4.27	PKPab	19	09.17	4.29
SKPdf	23	27.71	1.27	pPKPdf	20	07.24	1.42	pPKPdf	20	31.23	1.43	pPKPdf	21	03.05	1.44
PKSdf	23	27.71	1.27	pPKPbc	20	15.19	2.16	pPKPbc	20	38.98	2.17	pPKPbc	21	10.44	2.21
PP	23	49.24	5.63	pPKiKP	20	15.27	2.07	pPKiKP	20	39.09	2.06	pPKiKP	21	10.62	2.06
SKSdf	27	01.51	1.14	sPKPdf	20	17.59	1.42	pPKPab	20	50.92	4.22	pPKPab	21	20.60	4.18
SKKSac	30	40.78	5.39	sPKPbc	20	25.57	2.15	sPKPdf	21	01.48	1.42	SKPdf	21	20.74	1.25
SKKPdf	32	04.46	-1.92	sPKiKP	20	25.65	2.07	sPKPbc	21	09.36	2.16	sPKPdf	22	00.38	1.43
PKKSdf	32	04.46	-1.92	pPKPab	20	28.10	4.24	sPKiKP	21	09.45	2.07	sPKPbc	22	08.06	2.18
SKKSac	34	39.63	-3.85	sPKPab	20	38.67	4.24	sPKPab	21	21.93	4.23	sPKiKP	22	08.18	2.06
SKKSdf	35	41.15	-1.92	SKPdf	23	03.57	1.27	SKPdf	22	19.66	1.26	PKSdf	22	18.01	1.24
SS	43	28.22	10.90	PKSdf	23	13.92	1.26	PKSdf	22	49.90	1.26	sPKPab	22	19.68	4.21
S’S’ac	44	16.55	7.31	PP	23	36.40	5.62	PP	23	14.63	5.59	PP	22	46.91	5.52
S’S’ac	49	22.90	-4.67	SKSdf	26	37.38	1.14	SKSdf	25	53.46	1.14	SKSdf	24	54.51	1.13
				pSKSdf	27	15.31	1.15	pSKSdf	27	39.35	1.15	pSKSdf	28	11.27	1.17
				sSKSdf	27	25.65	1.14	sSKSdf	28	09.57	1.15	SKKSac	28	37.36	5.34
				SKKSac	30	17.12	5.38	SKKSac	29	34.30	5.37	sSKSdf	29	08.51	1.16
				SKKPdf	31	40.36	-1.92	SKKPdf	30	56.54	-1.92	SKKPdf	29	57.77	-1.92
				PKKSdf	31	50.74	-1.92	PKKSdf	31	26.87	-1.92	PKKSdf	30	55.27	-1.92
				SKKSac	34	15.73	-3.84	SKKSac	33	32.34	-3.83	SKKSac	32	34.36	-3.82
				SKKSdf	35	17.05	-1.92	SKKSdf	34	33.23	-1.92	SKKSdf	33	34.45	-1.92
				SS	43	06.20	10.88	SS	42	27.12	10.82	SS	41	37.10	10.71
				S’S’ac	43	53.32	7.29	S’S’ac	43	11.48	7.26	S’S’ac	42	16.33	7.21
				S’S’ac	48	59.11	-4.67	S’S’ac	48	16.00	-4.65	S’S’ac	47	18.53	-4.63

Delta : 156.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	19	56.20	1.32	PKPdf	19	42.42	1.32	PKPdf	19	18.42	1.31	PKPdf	18	46.54	1.29
PKPab	20	23.36	4.29	pPKPdf	20	10.00	1.33	PKPab	19	47.33	4.31	PKPab	19	17.79	4.33
SKPdf	23	30.15	1.18	PKPab	20	10.09	4.30	pPKPdf	20	33.99	1.34	pPKPdf	21	05.85	1.35
PKSdf	23	30.15	1.18	sPKPdf	20	20.33	1.33	pPKPab	20	59.41	4.27	pPKPbc	21	14.74	2.10
PP	24	00.43	5.56	pPKPab	20	36.63	4.28	sPKPdf	21	04.24	1.33	pPKiKP	21	14.75	2.07
SKSdf	27	03.72	1.06	sPKPab	20	47.20	4.29	sPKPab	21	30.45	4.28	SKPdf	21	23.16	1.17
SKKSac	30	51.49	5.32	SKPdf	23	06.02	1.18	SKPdf	22	22.10	1.17	pPKPab	21	29.02	4.24
SKKSac	34	31.89	-3.90	PKSdf	23	16.36	1.18	PKSdf	22	52.33	1.17	sPKPdf	22	03.15	1.34
SKKSdf	35	37.30	-1.92	PP	23	47.57	5.54	PP	23	25.73	5.51	sPKiKP	22	12.31	2.07
SS	43	49.91	10.78	SKSdf	26	39.58	1.06	SKSdf	25	55.65	1.06	sPKPbc	22	12.31	2.07
S’S’ac	44	31.06	7.21	pSKSdf	27	17.52	1.06	pSKSdf	27	41.57	1.07	PKSdf	22	20.41	1.16
S’S’ac	49	13.47	-4.75	sSKSdf	27	27.86	1.06	sSKSdf	28	11.79	1.07	sPKPab	22	28.16	4.27
				SKKSac	30	27.82	5.32	SKKSac	29	44.97	5.30	PP	22	57.88	5.45
				SKKSac	34	07.99	-3.90	PKKSdf	31	23.03	-1.92	SKSdf	24	56.69	1.05
				SKKSdf	35	13.20	-1.92	SKKSac	33	24.62	-3.89	pSKSdf	28	13.51	1.08
				SS	43	27.84	10.76	SKKSdf	34	29.38	-1.92	SKKSac	28	47.98	5.28
				S’S’ac	44	07.81	7.19	SS	42	48.64	10.70	sSKSdf	29	10.74	1.07
				S’S’ac	48	49.70	-4.75	S’S’ac	43	25.91	7.16	SKKPdf	29	53.92	-1.92
								S’S’ac	48	06.62	-4.73	PKKSdf	30	51.42	-1.92
												SKKSac	32	26.67	-3.87
												SKKSdf	33	30.61	-1.92
												SS	41	58.41	10.60
												S’S’ac	42	30.65	7.10
												S’S’ac	47	09.20	-4.71

Delta : 158.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	19	58.75	1.23	PKPdf	19	44.96	1.22	PKPdf	19	20.94	1.21	PKPdf	18	49.03	1.20
PKPab	20	31.98	4.33	pPKPdf	20	12.55	1.23	PKPab	19	55.97	4.34	PKPab	19	26.48	4.36
SKPdf	23	32.42	1.09	PKPab	20	18.72	4.33	pPKPdf	20	36.57	1.24	pPKPdf	21	08.46	1.26
PKSdf	23	32.42	1.09	sPKPdf	20	22.89	1.23	sPKPdf	21	06.80	1.23	SKPdf	21	25.40	1.08
PP	24	11.48	5.49	pPKPab	20	45.23	4.32	pPKPab	21	07.99	4.31	pPKPab	21	37.55	4.29
SKSdf	27	05.76	0.98	sPKPab	20	55.81	4.32	sPKPab	21	39.05	4.32	sPKPdf	22	05.73	1.24
SKKSac	31	02.08	5.26	SKPdf	23	08.28	1.09	SKPdf	22	24.36	1.08	PKSdf	22	22.63	1.07
SKKSac	34	24.03	-3.96	PKSdf	23	18.62	1.09	PKSdf	22	54.58	1.08	sPKPab	22	36.73	4.31
SKKSdf	35	33.45	-1.92	PP	23	58.58	5.47	PP	23	36.69	5.44	PP	23	08.72	5.38
SS	44	11.35	10.66	SKSdf	26	41.61	0.98	SKSdf	25	57.68	0.97	SKSdf	24	58.71	0.97
S’S’ac	44	45.37	7.10	pSKSdf	27	19.57	0.98	pSKSdf	27	43.63	0.99	pSKSdf	28	15.59	1.00
S’S’ac	49	03.88	-4.84	sSKSdf	27	29.90	0.98	sSKSdf	28	13.84	0.98	SKKSac	28	58.47	5.21
				SKKSac	30	38.40	5.25	SKKSac	29	55.52	5.24	sSKSdf	29	12.80	0.99
				SKKSac	34	00.14	-3.95	SKKSac	33	16.78	-3.95	SKKSac	32	18.87	-3.93
				SKKSdf	35	09.36	-1.92	SKKSdf	34	25.53	-1.92	SKKSdf	33	26.76	-1.92
				SS	43	49.24	10.64	SS	43	09.93	10.59	SS	42	19.49	10.48
				S’S’ac	44	22.09	7.09	S’S’ac	43	40.13	7.05	S’S’ac	42	44.74	6.99
				S’S’ac	48	40.12	-4.83	S’S’ac	47	57.07	-4.81	S’S’ac	46	59.71	-4.78

Delta : 160.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	20	01.11	1.12	PKPdf	19	47.31	1.12	PKPdf	19	23.27	1.11	PKPdf	18	51.33	1.10
PKPab	20	40.66	4.36	pPKPdf	20	14.90	1.13	PKPab	20	04.68	4.37	PKPab	19	35.22	4.38
SKPdf	23	34.51	1.00	sPKPdf	20	25.24	1.13	pPKPdf	20	38.94	1.14	pPKPdf	21	10.87	1.15
PKSdf	23	34.51	1.00	PKPab	20	27.41	4.36	sPKPdf	21	09.17	1.13	SKPdf	21	27.46	0.98
PP	24	22.37	5.41	pPKPab	20	53.91	4.35	pPKPab	21	16.65	4.34	pPKPab	21	46.16	4.32
SKSdf	27	07.63	0.89	sPKPab	21	04.49	4.35	sPKPab	21	47.71	4.35	sPKPdf	22	08.11	1.14
SKKSac	31	12.53	5.19	SKPdf	23	10.36	0.99	SKPdf	22	26.43	0.99	PKSdf	22	24.67	0.97
SKKSac	34	16.06	-4.01	PKSdf	23	20.70	0.99	PKSdf	22	56.64	0.99	sPKPab	22	45.38	4.34
SKKSdf	35	29.60	-1.92	PP	24	09.45	5.40	PP	23	47.49	5.36	PP	23	19.40	5.30
SS	44	32.56	10.55	SKSdf	26	43.48	0.89	SKSdf	25	59.54	0.89	SKSdf	25	00.56	0.88
S’S’ac	44	59.45	6.98	pSKSdf	27	21.44	0.89	pSKSdf	27	45.51	0.90	pSKSdf	28	17.50	0.91
S’S’ac	48	54.12	-4.92	sSKSdf	27	31.77	0.89	sSKSdf	28	15.72	0.90	SKKSac	29	08.84	5.15
SS	50	45.71	-8.34	SKKSac	30	48.84	5.19	SKKSac	30	05.93	5.18	sSKSdf	29	14.69	0.90
				SKKSac	33	52.17	-4.01	SKKSac	33	08.84	-4.00	SKKSac	32	10.95	-3.98
				SKKSdf	35	05.51	-1.92	SKKSdf	34	21.68	-1.92	SKKSdf	33	22.91	-1.92
				SS	44	10.40	10.52	SS	43	30.98	10.47	SS	42	40.33	10.36
				S’S’ac	44	36.14	6.96	S’S’ac	43	54.11	6.93	S’S’ac	42	58.59	6.87
				S’S’ac	48	30.38	-4.91	S’S’ac	47	47.36	-4.89	S’S’ac	46	50.06	-4.87

Delta : 162.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	20	03.25	1.02	PKPdf	19	49.44	1.02	PKPdf	19	25.39	1.01	PKPdf	18	53.42	0.99
PKPab	20	49.39	4.38	pPKPdf	20	17.05	1.02	PKPab	20	13.44	4.39	PKPab	19	44.00	4.40
PKSdf	23	36.41	0.90	sPKPdf	20	27.39	1.02	pPKPdf	20	41.11	1.03	pPKPdf	21	13.07	1.05
SKPdf	23	36.41	0.90	PKPab	20	36.15	4.38	sPKPdf	21	11.32	1.03	SKPdf	21	29.34	0.89
PP	24	33.12	5.33	pPKPab	21	02.64	4.38	pPKPab	21	25.36	4.37	pPKPab	21	54.84	4.35
SKSdf	27	09.33	0.81	sPKPab	21	13.22	4.38	sPKPab	21	56.44	4.37	sPKPdf	22	10.28	1.03
PP	27	25.18	-4.47	SKPdf	23	12.26	0.90	SKPdf	22	28.32	0.90	PKSdf	22	26.53	0.88
SKKSac	31	22.85	5.13	PKSdf	23	22.59	0.90	PKSdf	22	58.52	0.89	sPKPab	22	54.09	4.37
SKKSac	34	07.98	-4.07	PP	24	20.17	5.32	PP	23	58.15	5.29	PP	23	29.93	5.23
SS	44	53.53	10.43	SKSdf	26	45.18	0.80	SKSdf	26	01.23	0.80	SKSdf	25	02.24	0.80
S’S’ac	45	13.29	6.86	PP	27	11.96	-4.46	PP	26	49.30	-4.45	pSKSdf	28	19.24	0.82
S’S’ac	48	44.21	-5.00	pSKSdf	27	23.14	0.81	pSKSdf	27	47.22	0.81	sSKSdf	29	16.41	0.81
SS	50	28.94	-8.43	sSKSdf	27	33.47	0.81	sSKSdf	28	17.42	0.81	SKKSac	29	19.08	5.09
				SKKSac	30	59.15	5.13	SKKSac	30	16.22	5.11	SKKSac	32	02.93	-4.04
				SKKSac	33	44.10	-4.06	SKKSac	33	00.78	-4.06	SS	43	00.93	10.23
				SS	44	31.32	10.40	SS	43	51.80	10.34	S’S’ac	43	12.20	6.75
				S’S’ac	44	49.95	6.84	S’S’ac	44	07.84	6.81	S’S’ac	46	40.25	-4.95
				S’S’ac	48	20.48	-4.99	S’S’ac	47	37.49	-4.98				
				SS	50	06.03	-8.42	SS	49	24.92	-8.39				

Delta : 164.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	20	05.18	0.91	PKPdf	19	51.37	0.91	PKPdf	19	27.30	0.90	PKPdf	18	55.31	0.89
PKPab	20	58.17	4.40	pPKPdf	20	18.99	0.91	PKPab	20	22.23	4.40	PKPab	19	52.81	4.41
PKSdf	23	38.11	0.80	sPKPdf	20	29.33	0.91	pPKPdf	20	43.06	0.92	pPKPdf	21	15.05	0.93
SKPdf	23	38.11	0.80	PKPab	20	44.93	4.40	sPKPdf	21	13.27	0.92	SKPdf	21	31.02	0.79
PP	24	43.71	5.26	pPKPab	21	11.41	4.39	pPKPab	21	34.12	4.39	pPKPab	22	03.57	4.38
SKSdf	27	10.85	0.72	sPKPab	21	22.00	4.40	sPKPab	22	05.20	4.39	sPKPdf	22	12.24	0.92
PP	27	16.22	-4.50	SKPdf	23	13.96	0.80	SKPdf	22	30.01	0.80	PKSdf	22	28.19	0.79
SKKSac	31	33.05	5.07	PKSdf	23	24.29	0.80	PKSdf	23	00.21	0.80	sPKPab	23	02.84	4.39
SKKSac	33	59.78	-4.12	PP	24	30.73	5.24	PP	24	08.65	5.21	PP	23	40.32	5.16
SS	45	14.26	10.30	SKSdf	26	46.70	0.72	SKSdf	26	02.75	0.71	SKSdf	25	03.74	0.71
S’S’ac	45	26.88	6.73	PP	27	03.01	-4.49	PP	26	40.37	-4.48	PP	26	11.02	-4.46
S’S’ac	48	34.13	-5.08	pSKSdf	27	24.67	0.72	pSKSdf	27	48.76	0.72	pSKSdf	28	20.79	0.73
SS	50	12.01	-8.51	sSKSdf	27	35.00	0.72	sSKSdf	28	18.95	0.72	sSKSdf	29	17.95	0.73
				SKKSac	31	09.34	5.06	SKKSac	30	26.38	5.05	SKKSac	29	29.19	5.03
				SKKSac	33	35.92	-4.12	SKKSac	32	52.62	-4.11	SKKSac	31	54.80	-4.09
				SS	44	52.00	10.27	SS	44	12.35	10.22	SS	43	21.27	10.11
				S’S’ac	45	03.51	6.72	S’S’ac	44	21.34	6.69	S’S’ac	43	25.57	6.62
				S’S’ac	48	10.41	-5.07	S’S’ac	47	27.46	-5.06	S’S’ac	46	30.28	-5.03
				SS	49	49.12	-8.49	SS	49	08.07	-8.47	SS	48	14.39	-8.41

Delta : 166.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	20	06.89	0.80	PKPdf	19	53.07	0.80	PKPdf	19	28.99	0.79	PKPdf	18	56.97	0.78
PKPab	21	06.98	4.41	pPKPdf	20	20.71	0.80	PKPab	20	31.06	4.42	PKPab	20	01.65	4.42
SKPdf	23	39.62	0.71	sPKPdf	20	31.04	0.80	pPKPdf	20	44.79	0.81	pPKPdf	21	16.80	0.82
PKSdf	23	39.62	0.71	PKPab	20	53.75	4.41	sPKPdf	21	14.99	0.81	SKPdf	21	32.51	0.70
PP	24	54.15	5.18	pPKPab	21	20.21	4.41	pPKPab	21	42.91	4.41	pPKPab	22	12.34	4.40
PP	27	07.20	-4.52	sPKPab	21	30.80	4.41	sPKPab	22	14.01	4.41	sPKPdf	22	13.98	0.81
SKSdf	27	12.20	0.63	SKPdf	23	15.47	0.70	SKPdf	22	31.51	0.70	PKSdf	22	29.67	0.69
SKKSac	31	43.13	5.01	PKSdf	23	25.80	0.70	PKSdf	23	01.70	0.70	sPKPab	23	11.63	4.40
SKKSac	33	51.48	-4.18	PP	24	41.15	5.17	PP	24	19.00	5.14	PP	23	50.55	5.08
SS	45	34.72	10.17	SKSdf	26	48.04	0.63	SKSdf	26	04.09	0.63	SKSdf	25	05.08	0.62
S’S’ac	45	40.22	6.61	PP	26	54.00	-4.52	PP	26	31.37	-4.51	PP	26	02.07	-4.49
S’S’ac	48	23.88	-5.17	pSKSdf	27	26.02	0.63	pSKSdf	27	50.12	0.64	pSKSdf	28	22.17	0.64
SS	49	54.91	-8.59	sSKSdf	27	36.35	0.63	sSKSdf	28	20.31	0.63	sSKSdf	29	19.32	0.64
				SKKSac	31	19.40	5.00	SKKSac	30	36.42	4.99	SKKSac	29	39.19	4.97
				SKKSac	33	27.62	-4.18	SKKSac	32	44.34	-4.17	SKKSac	31	46.55	-4.15
				SS	45	12.41	10.15	SS	44	32.66	10.09	S’S’ac	43	38.70	6.50
				S’S’ac	45	16.83	6.60	S’S’ac	44	34.59	6.56	SS	43	41.38	9.99
				S’S’ac	48	00.18	-5.16	S’S’ac	47	17.26	-5.14	S’S’ac	46	20.14	-5.11
				SS	49	32.06	-8.57	SS	48	51.06	-8.54	SS	47	57.48	-8.49

Delta : 168.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	20	08.38	0.69	PKPdf	19	54.56	0.69	PKPdf	19	30.46	0.68	PKPdf	18	58.42	0.67
PKPab	21	15.81	4.42	pPKPdf	20	22.20	0.69	PKPab	20	39.90	4.43	PKPab	20	10.50	4.43
SKPdf	23	40.93	0.61	sPKPdf	20	32.53	0.69	pPKPdf	20	46.30	0.70	pPKPdf	21	18.33	0.71
PKSdf	23	40.93	0.61	PKPab	21	02.59	4.42	sPKPdf	21	16.49	0.69	SKPdf	21	33.81	0.60
PP	25	04.43	5.10	pPKPab	21	29.05	4.42	pPKPab	21	51.73	4.42	sPKPdf	22	15.49	0.70
PP	26	58.12	-4.55	sPKPab	21	39.64	4.42	sPKPab	22	22.83	4.42	pPKPab	22	21.15	4.41
SKSdf	27	13.37	0.54	SKPdf	23	16.77	0.60	SKPdf	22	32.82	0.60	PKSdf	22	30.95	0.59
SKKSac	31	53.08	4.94	PKSdf	23	27.10	0.60	PKSdf	23	03.00	0.60	sPKPab	23	20.45	4.42
SKKSac	33	43.06	-4.24	PP	24	51.41	5.09	PP	24	29.20	5.06	PP	24	00.63	5.00
S’S’ac	45	53.32	6.49	PP	26	44.93	-4.55	SKSdf	26	05.25	0.54	SKSdf	25	06.24	0.53
SS	45	54.94	10.05	SKSdf	26	49.21	0.54	PP	26	22.32	-4.54	PP	25	53.05	-4.52
S’S’ac	48	13.45	-5.26	pSKSdf	27	27.20	0.54	pSKSdf	27	51.30	0.55	pSKSdf	28	23.36	0.55
SS	49	37.67	-8.65	sSKSdf	27	37.52	0.54	sSKSdf	28	21.48	0.54	sSKSdf	29	20.50	0.55
				SKKSac	31	29.34	4.94	SKKSac	30	46.33	4.93	SKKSac	29	49.06	4.90
				SKKSac	33	19.21	-4.23	SKKSac	32	35.95	-4.22	SKKSac	31	38.20	-4.21
				S’S’ac	45	29.90	6.47	S’S’ac	44	47.59	6.44	S’S’ac	43	51.58	6.39
				SS	45	32.58	10.02	SS	44	52.73	9.97	SS	44	01.24	9.87
				S’S’ac	47	49.77	-5.25	S’S’ac	47	06.89	-5.23	S’S’ac	46	09.83	-5.20
				SS	49	14.83	-8.64	SS	48	33.89	-8.62	SS	47	40.42	-8.57

Delta : 170.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	20	09.64	0.58	PKPdf	19	55.82	0.57	PKPdf	19	31.71	0.57	PKPdf	18	59.66	0.56
PKPab	21	24.67	4.43	pPKPdf	20	23.47	0.58	pPKPdf	20	47.58	0.58	PKPab	20	19.38	4.44
SKPdf	23	42.04	0.51	sPKPdf	20	33.80	0.58	PKPab	20	48.76	4.44	pPKPdf	21	19.63	0.59
PKSdf	23	42.04	0.51	PKPab	21	11.44	4.43	sPKPdf	21	17.76	0.58	SKPdf	21	34.90	0.50
PP	25	14.56	5.02	pPKPab	21	37.90	4.43	pPKPab	22	00.58	4.43	sPKPdf	22	16.77	0.58
PP	26	49.00	-4.58	sPKPab	21	48.49	4.43	sPKPab	22	31.69	4.43	pPKPab	22	30.00	4.42
SKSdf	27	14.36	0.45	SKPdf	23	17.88	0.50	SKPdf	22	33.92	0.50	PKSdf	22	32.03	0.49
SKKSac	32	02.90	4.88	PKSdf	23	28.21	0.50	PKSdf	23	04.10	0.50	sPKPab	23	29.30	4.43
SKKSac	33	34.53	-4.29	PP	25	01.51	5.01	PP	24	39.24	4.98	PP	24	10.56	4.93
S’S’ac	46	06.18	6.37	PP	26	35.81	-4.57	SKSdf	26	06.24	0.45	SKSdf	25	07.22	0.45
SS	46	14.91	9.92	SKSdf	26	50.20	0.45	PP	26	13.22	-4.56	PP	25	43.99	-4.55
S’S’ac	48	02.85	-5.35	pSKSdf	27	28.19	0.45	pSKSdf	27	52.31	0.46	pSKSdf	28	24.38	0.46
SS	49	20.32	-8.70	sSKSdf	27	38.52	0.45	sSKSdf	28	22.48	0.45	sSKSdf	29	21.50	0.46
				SKKSac	31	39.16	4.88	SKKSac	30	56.13	4.87	SKKSac	29	58.80	4.84
				SKKSac	33	10.69	-4.29	SKKSac	32	27.45	-4.28	SKKSac	31	29.73	-4.26
				S’S’ac	45	42.73	6.36	S’S’ac	45	00.36	6.33	S’S’ac	44	04.24	6.27
				SS	45	52.51	9.90	SS	45	12.54	9.84	SS	44	20.85	9.74
				S’S’ac	47	39.18	-5.34	S’S’ac	46	56.34	-5.32	S’S’ac	45	59.35	-5.28
				SS	48	57.50	-8.69	SS	48	16.59	-8.68	SS	47	23.21	-8.64

Delta : 172.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	20	10.68	0.46	PKPdf	19	56.85	0.46	PKPdf	19	32.74	0.46	PKPdf	19	00.66	0.45
PKPab	21	33.54	4.44	pPKPdf	20	24.51	0.46	pPKPdf	20	48.62	0.47	PKPab	20	28.26	4.44
SKPdf	23	42.95	0.41	sPKPdf	20	34.84	0.46	PKPab	20	57.64	4.44	pPKPdf	21	20.69	0.47
PKSdf	23	42.95	0.41	PKPab	21	20.31	4.44	sPKPdf	21	18.80	0.46	SKPdf	21	35.80	0.40
PP	25	24.53	4.95	pPKPab	21	46.77	4.44	pPKPab	22	09.44	4.44	sPKPdf	22	17.82	0.47
PP	26	39.82	-4.60	sPKPab	21	57.36	4.44	SKPdf	22	34.83	0.40	PKSdf	22	32.92	0.40
SKSdf	27	15.17	0.36	SKPdf	23	18.79	0.40	sPKPab	22	40.55	4.44	pPKPab	22	38.84	4.43
SKKSac	32	12.61	4.82	PKSdf	23	29.12	0.40	PKSdf	23	05.00	0.40	sPKPab	23	38.16	4.43
SKKSac	33	25.89	-4.35	PP	25	11.45	4.94	PP	24	49.13	4.91	PP	24	20.34	4.85
S’S’ac	46	18.80	6.25	PP	26	26.64	-4.59	PP	26	04.07	-4.59	SKSdf	25	08.02	0.36
SS	46	34.63	9.79	SKSdf	26	51.02	0.36	SKSdf	26	07.05	0.36	PP	25	34.87	-4.57
S’S’ac	47	52.06	-5.44	pSKSdf	27	29.01	0.36	pSKSdf	27	53.13	0.37	pSKSdf	28	25.21	0.37
SS	49	02.87	-8.75	sSKSdf	27	39.33	0.36	sSKSdf	28	23.30	0.36	sSKSdf	29	22.33	0.37
				SKKSac	31	48.85	4.82	SKKSac	31	05.80	4.80	SKKSac	30	08.43	4.78
				SKKSac	33	02.06	-4.34	SKKSac	32	18.83	-4.33	SKKSac	31	21.15	-4.32
				S’S’ac	45	55.32	6.24	S’S’ac	45	12.90	6.21	S’S’ac	44	16.67	6.16
				SS	46	12.18	9.77	SS	45	32.10	9.72	SS	44	40.21	9.62
				S’S’ac	47	28.42	-5.43	S’S’ac	46	45.61	-5.41	S’S’ac	45	48.70	-5.37
				SS	48	40.06	-8.74	SS	47	59.19	-8.72	SS	47	05.87	-8.69

Delta : 174.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	20	11.49	0.35	PKPdf	19	57.65	0.35	PKPdf	19	33.53	0.34	PKPdf	19	01.45	0.34
PKPab	21	42.42	4.44	pPKPdf	20	25.32	0.35	pPKPdf	20	49.44	0.35	PKPab	20	37.15	4.45
SKPdf	23	43.66	0.30	sPKPdf	20	35.65	0.35	PKPab	21	06.52	4.44	pPKPdf	21	21.52	0.36
PKSdf	23	43.66	0.30	PKPab	21	29.20	4.44	sPKPdf	21	19.61	0.35	SKPdf	21	36.50	0.30
PP	25	34.35	4.87	pPKPab	21	55.65	4.44	pPKPab	22	18.32	4.44	sPKPdf	22	18.64	0.35
PP	26	30.61	-4.61	sPKPab	22	06.24	4.44	SKPdf	22	35.53	0.30	PKSdf	22	33.62	0.30
SKSdf	27	15.81	0.27	SKPdf	23	19.50	0.30	sPKPab	22	49.43	4.44	pPKPab	22	47.70	4.44
SKKSac	32	22.19	4.76	PKSdf	23	29.83	0.30	PKSdf	23	05.70	0.30	sPKPab	23	47.04	4.44
SKKSac	33	17.14	-4.40	PP	25	21.25	4.86	PP	24	58.86	4.82	PP	24	29.92	4.74
S’S’ac	46	31.19	6.14	PP	26	17.44	-4.61	PP	25	54.88	-4.60	SKSdf	25	08.65	0.27
SS	46	54.09	9.67	SKSdf	26	51.65	0.27	SKSdf	26	07.68	0.27	PP	25	25.70	-4.59
S’S’ac	47	41.10	-5.53	pSKSdf	27	29.64	0.27	pSKSdf	27	53.77	0.27	pSKSdf	28	25.85	0.28
SS	48	45.27	-8.86	sSKSdf	27	40.00	0.27	sSKSdf	28	23.94	0.27	sSKSdf	29	22.97	0.27
				SKKSac	31	58.42	4.76	SKKSac	31	15.34	4.74	SKKSac	30	17.94	4.72
				SKKSac	32	53.32	-4.40	SKKSac	32	10.11	-4.39	SKKSac	31	12.47	-4.37
				S’S’ac	46	07.68	6.12	S’S’ac	45	25.20	6.10	S’S’ac	44	28.87	6.05
				SS	46	31.59	9.64	SS	45	51.41	9.59	SS	44	59.31	9.49
				S’S’ac	47	17.47	-5.52	S’S’ac	46	34.70	-5.50	S’S’ac	45	37.86	-5.46
				SS	48	22.50	-8.84	SS	47	41.69	-8.79	SS	46	48.45	-8.74

Delta : 176.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	20	12.07	0.23	PKPdf	19	58.23	0.23	PKPdf	19	34.10	0.23	PKPdf	19	02.01	0.22
PKPab	21	51.31	4.44	pPKPdf	20	25.90	0.23	pPKPdf	20	50.03	0.23	pPKPdf	21	22.12	0.24
SKPdf	23	44.17	0.20	sPKPdf	20	36.22	0.23	PKPab	21	15.41	4.45	SKPdf	21	37.00	0.20
PKSdf	23	44.17	0.20	PKPab	21	38.08	4.45	sPKPdf	21	20.19	0.23	sPKPdf	22	19.23	0.23
PP	25	43.98	4.75	pPKPab	22	04.53	4.44	pPKPab	22	27.20	4.44	PKSdf	22	34.11	0.20
PP	26	21.38	-4.63	sPKPab	22	15.13	4.44	SKPdf	22	36.04	0.20	pPKPab	22	56.58	4.44
SKSdf	27	16.26	0.18	SKPdf	23	20.01	0.20	sPKPab	22	58.32	4.44	sPKPab	23	55.92	4.44
SKKSac	32	31.65	4.70	PKSdf	23	30.33	0.20	PKSdf	23	06.21	0.20	PP	24	39.34	4.69
SKKSac	33	08.28	-4.46	PP	25	30.85	4.74	PP	25	08.37	4.72	SKSdf	25	09.09	0.18
S’S’ac	46	43.35	6.03	PP	26	08.21	-4.62	PP	25	45.66	-4.62	PP	25	16.50	-4.61
SS	47	13.29	9.53	SKSdf	26	52.10	0.18	SKSdf	26	08.13	0.18	pSKSdf	28	26.32	0.19
S’S’ac	47	29.94	-5.63	pSKSdf	27	30.10	0.18	pSKSdf	27	54.22	0.18	sSKSdf	29	23.43	0.18
SS	48	27.41	-9.00	sSKSdf	27	40.42	0.18	sSKSdf	28	24.39	0.18	SKKSac	30	27.32	4.66
				SKKSac	32	07.87	4.69	SKKSac	31	24.77	4.68	SKKSac	31	03.66	-4.43
				SKKSac	32	44.46	-4.46	SKKSac	32	01.27	-4.45	S’S’ac	44	40.86	5.94
				S’S’ac	46	19.82	6.02	S’S’ac	45	37.29	5.99	SS	45	18.16	9.36
				SS	46	50.74	9.51	SS	46	10.45	9.46	S’S’ac	45	26.84	-5.56
				S’S’ac	47	06.33	-5.62	S’S’ac	46	23.61	-5.59	SS	46	30.89	-8.83
				SS	48	04.69	-8.97	SS	47	23.98	-8.92				

Delta : 178.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	20	12.41	0.12	PKPdf	19	58.58	0.12	PKPdf	19	34.45	0.11	PKPdf	19	02.35	0.11
PKPab	22	00.20	4.45	pPKPdf	20	26.25	0.12	pPKPdf	20	50.38	0.12	pPKPdf	21	22.47	0.12
SKPdf	23	44.47	0.10	sPKPdf	20	36.57	0.12	sPKPdf	21	20.54	0.12	SKPdf	21	37.30	0.10
PKSdf	23	44.47	0.10	pPKPab	22	13.42	4.45	pPKPab	22	36.09	4.45	sPKPdf	22	19.58	0.12
PP	25	53.43	4.70	sPKPab	22	24.02	4.45	SKPdf	22	36.34	0.10	PKSdf	22	34.41	0.10
PP	26	12.11	-4.64	SKPdf	23	20.31	0.10	PKSdf	23	06.51	0.10	pPKPab	23	05.47	4.44
SKSdf	27	16.53	0.09	PKSdf	23	30.64	0.10	sPKPab	23	07.21	4.45	sPKPab	24	04.81	4.45
SKKSac	32	40.99	4.64	PP	25	40.28	4.70	PP	25	17.78	4.68	PP	24	48.70	4.66
SKKSac	32	59.29	-4.52	PP	25	58.94	-4.64	PP	25	36.40	-4.63	PP	25	07.27	-4.62
S’S’ac	46	55.30	5.92	SKSdf	26	52.37	0.09	SKSdf	26	08.40	0.09	SKSdf	25	09.36	0.09
S’S’ac	47	18.59	-5.72	pSKSdf	27	30.37	0.09	pSKSdf	27	54.50	0.09	pSKSdf	28	26.59	0.09
SS	47	32.22	9.40	sSKSdf	27	40.69	0.09	sSKSdf	28	24.66	0.09	sSKSdf	29	23.70	0.09
SS	48	09.29	-9.13	SKKSac	32	17.20	4.63	SKKSac	31	34.07	4.62	SKKSac	30	36.58	4.60
				SKKSac	32	35.49	-4.51	SKKSac	31	52.32	-4.50	SKKSac	30	54.75	-4.49
				S’S’ac	46	31.75	5.91	S’S’ac	45	49.17	5.89	S’S’ac	44	52.65	5.84
				S’S’ac	46	55.00	-5.71	S’S’ac	46	12.32	-5.69	S’S’ac	45	15.64	-5.65
				SS	47	09.63	9.38	SS	46	29.24	9.32	SS	45	36.74	9.22
				SS	47	46.60	-9.11	SS	47	06.00	-9.06	SS	46	13.11	-8.96

Delta : 180.0

depth	0.			100.			300.			600.		
code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg	code	m	s	s/deg
PKPdf	20	12.53	0.00	PKPdf	19	58.69	0.00	PKPdf	19	34.56	0.00	PKPdf	19	02.46	0.00
SKPdf	23	44.57	0.00	pPKPdf	20	26.36	0.00	pPKPdf	20	50.49	0.00	pPKPdf	21	22.59	0.00
PKSdf	23	44.57	0.00	sPKPdf	20	36.69	0.00	sPKPdf	21	20.66	0.00	SKPdf	21	37.41	0.00
PP	26	02.80	4.67	SKPdf	23	20.41	0.00	SKPdf	22	36.44	0.00	sPKPdf	22	19.70	0.00
SKSdf	27	16.62	0.00	PKSdf	23	30.74	0.00	PKSdf	23	06.61	0.00	PKSdf	22	34.51	0.00
SKKSac	32	50.20	4.58	PP	25	49.64	4.67	PP	25	27.11	4.66	pPKPab	23	14.36	4.45
S’S’ac	47	07.04	5.82	SKSdf	26	52.46	0.00	SKSdf	26	08.49	0.00	PP	24	58.01	4.64
SS	47	50.89	9.27	pSKSdf	27	30.46	0.00	pSKSdf	27	54.59	0.00	SKSdf	25	09.45	0.00
				sSKSdf	27	40.78	0.00	sSKSdf	28	24.76	0.00	pSKSdf	28	26.69	0.00
				SKKSac	32	26.40	4.57	SKKSac	31	43.26	4.56	sSKSdf	29	23.79	0.00
				S’S’ac	46	43.47	5.81	S’S’ac	46	00.84	5.79	SKKSac	30	45.72	4.54
				SS	47	28.25	9.24	SS	46	47.75	9.19	S’S’ac	45	04.24	5.75
												SS	45	55.05	9.09

Summary Tables for Major Phases

Phase times and slownesses are shown at 1° intervals for a selection of important phases, with separate tables for 0, 100, 300 and 600 km depth

1 Mostly mantle phases out to 124°
P, PP, PcP, S, SS, ScS, ScP, SKSac

2 Mostly core phases from 110°-180°
PKPab, PKPbc, PKPdf, PP, SKSac, SKSdf, SKP, SS

ak135

Depth : 0.0 **km**

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
0.0	0.00	0.00	8 31.69	0.00	0.00	15 35.78	12 03.74	
	19.17	*19.17*	*0.00*	*32.14*	*32.14*	*0.00*	*0.00*	
1.0	0 19.17	0 19.17	8 31.74	0 32.14	0 32.14	15 35.87	12 03.80	
	19.17	*19.17*	*0.10*	*32.14*	*32.14*	*0.18*	*0.12*	
2.0	0 35.03	0 38.34	8 31.88	1 00.75	1 04.27	15 36.14	12 03.99	
	13.75	*19.17*	*0.19*	*24.68*	*32.14*	*0.35*	*0.25*	
3.0	0 48.78	0 56.30	8 32.12	1 25.43	1 36.41	15 36.58	12 04.30	
	13.75	*13.75*	*0.29*	*24.68*	*32.13*	*0.53*	*0.37*	
4.0	1 02.53	1 10.05	8 32.46	1 50.10	2 01.50	15 37.20	12 04.73	
	13.75	*13.75*	*0.38*	*24.67*	*24.68*	*0.71*	*0.50*	
5.0	1 16.27	1 23.81	8 32.89	2 14.76	2 26.18	15 37.99	12 05.29	
	13.74	*13.75*	*0.48*	*24.66*	*24.68*	*0.88*	*0.62*	
6.0	1 30.01	1 37.56	8 33.41	2 39.41	2 50.86	15 38.96	12 05.97	
	13.74	*13.75*	*0.57*	*24.64*	*24.68*	*1.06*	*0.74*	
7.0	1 43.75	1 51.31	8 34.03	3 04.04	3 15.54	15 40.11	12 06.78	
	13.73	*13.75*	*0.67*	*24.62*	*24.67*	*1.23*	*0.86*	
8.0	1 57.47	2 05.06	8 34.75	3 28.65	3 40.21	15 41.43	12 07.70	
	13.72	*13.75*	*0.76*	*24.60*	*24.67*	*1.41*	*0.99*	
9.0	2 11.19	2 18.80	8 35.56	3 53.24	4 04.87	15 42.92	12 08.75	
	13.71	*13.75*	*0.86*	*24.57*	*24.66*	*1.58*	*1.11*	
10.0	2 24.90	2 32.55	8 36.46	4 17.80	4 29.53	15 44.58	12 09.91	
	13.70	*13.74*	*0.95*	*24.55*	*24.66*	*1.75*	*1.23*	
11.0	2 38.59	2 46.29	8 37.45	4 42.33	4 54.18	15 46.42	12 11.20	
	13.69	*13.74*	*1.04*	*24.51*	*24.65*	*1.92*	*1.34*	
12.0	2 52.27	3 00.03	8 38.54	5 06.83	5 18.83	15 48.42	12 12.60	
	13.67	*13.74*	*1.13*	*24.48*	*24.64*	*2.09*	*1.46*	
13.0	3 05.94	3 13.76	8 39.72	5 31.29	5 43.46	15 50.59	12 14.12	
	13.66	*13.73*	*1.22*	*24.44*	*24.63*	*2.25*	*1.57*	
14.0	3 19.59	3 27.49	8 40.98	5 55.70	6 08.09	15 52.93	12 15.75	
	13.64	*13.73*	*1.31*	*24.40*	*24.62*	*2.42*	*1.69*	
15.0	3 33.23	3 41.22	8 42.34	6 20.08	6 32.70	15 55.43	12 17.49	
	13.63	*13.73*	*1.40*	*24.35*	*24.61*	*2.58*	*1.80*	
16.0	3 46.37	3 54.95	8 43.78	6 44.41	6 57.31	15 58.09	12 19.35	
	12.94	*13.72*	*1.49*	*24.30*	*24.60*	*2.74*	*1.91*	
17.0	3 59.13	4 08.66	8 45.31	7 08.69	7 21.90	16 00.92	12 21.32	
	12.58	*13.72*	*1.57*	*24.26*	*24.59*	*2.90*	*2.02*	
18.0	4 11.57	4 22.38	8 46.93	7 32.92	7 46.48	16 03.90	12 23.39	
	12.33	*13.71*	*1.66*	*24.21*	*24.57*	*3.06*	*2.13*	
19.0	4 23.16	4 36.09	8 48.63	7 57.10	8 11.05	16 07.04	12 25.57	
	10.98	*13.71*	*1.74*	*24.16*	*24.56*	*3.22*	*2.23*	
20.0	4 34.10	4 49.79	8 50.41	8 19.77	8 35.60	16 10.33	12 27.85	
	10.90	*13.70*	*1.83*	*20.00*	*24.55*	*3.37*	*2.34*	
21.0	4 44.95	5 03.49	8 52.28	8 39.66	9 00.14	16 13.78	12 30.24	
	10.81	*13.69*	*1.91*	*19.77*	*24.53*	*3.52*	*2.44*	
22.0	4 55.71	5 17.18	8 54.23	8 59.30	9 24.66	16 17.38	12 32.72	
	10.70	*13.69*	*1.99*	*19.50*	*24.51*	*3.67*	*2.54*	
23.0	5 06.34	5 30.87	8 56.26	9 17.88	9 49.17	16 21.12	12 35.31	
	10.57	*13.68*	*2.07*	*16.33*	*24.50*	*3.82*	*2.63*	
24.0	5 16.31	5 44.54	8 58.37	9 34.14	10 13.65	16 25.01	12 37.99	
	9.14	*13.67*	*2.15*	*16.19*	*24.48*	*3.96*	*2.73*	
25.0	5 25.43	5 58.22	9 00.55	9 50.26	10 38.12	16 29.05	12 40.76	
	9.10	*13.67*	*2.22*	*16.02*	*24.46*	*4.10*	*2.82*	

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
25.0	5 25.43	5 58.22	9 00.55	9 50.26	10 38.12	16 29.05	12 40.76	
	9.10	*13.67*	*2.22*	*16.02*	*24.46*	*4.10*	*2.82*	
26.0	5 34.50	6 11.88	9 02.81	10 06.14	11 02.57	16 33.22	12 43.62	
	9.06	*13.66*	*2.30*	*15.81*	*24.44*	*4.24*	*2.91*	
27.0	5 43.54	6 25.54	9 05.15	10 21.93	11 27.00	16 37.54	12 46.57	
	9.00	*13.65*	*2.37*	*15.78*	*24.42*	*4.38*	*3.00*	
28.0	5 52.50	6 39.18	9 07.55	10 37.69	11 51.41	16 41.98	12 49.61	
	8.93	*13.64*	*2.44*	*15.75*	*24.40*	*4.52*	*3.08*	
29.0	6 01.41	6 52.82	9 10.03	10 53.43	12 15.79	16 46.57	12 52.73	
	8.88	*13.64*	*2.51*	*15.72*	*24.37*	*4.65*	*3.16*	
30.0	6 10.27	7 06.46	9 12.58	11 09.14	12 40.16	16 51.28	12 55.94	
	8.85	*13.63*	*2.58*	*15.69*	*24.35*	*4.78*	*3.24*	
31.0	6 19.11	7 19.72	9 15.20	11 24.81	13 04.50	16 56.12	12 59.22	
	8.82	*13.09*	*2.65*	*15.66*	*24.33*	*4.90*	*3.32*	
32.0	6 27.91	7 32.74	9 17.89	11 40.45	13 28.81	17 01.08	13 02.57	
	8.79	*12.94*	*2.72*	*15.61*	*24.30*	*5.03*	*3.39*	
33.0	6 36.68	7 45.59	9 20.64	11 56.02	13 53.11	17 06.17	13 06.00	
	8.74	*12.75*	*2.78*	*15.54*	*24.28*	*5.15*	*3.47*	
34.0	6 45.40	7 58.25	9 23.45	12 11.53	14 17.37	17 11.38	13 09.50	
	8.69	*12.58*	*2.85*	*15.47*	*24.26*	*5.27*	*3.54*	
35.0	6 54.06	8 10.77	9 26.33	12 26.97	14 41.62	17 16.70	13 13.07	
	8.63	*12.45*	*2.91*	*15.40*	*24.23*	*5.38*	*3.60*	
36.0	7 02.66	8 23.15	9 29.27	12 42.32	15 05.83	17 22.14	13 16.71	
	8.57	*12.33*	*2.97*	*15.32*	*24.21*	*5.49*	*3.67*	
37.0	7 11.19	8 35.32	9 32.27	12 57.60	15 30.03	17 27.69	13 20.40	
	8.51	*11.01*	*3.03*	*15.24*	*24.18*	*5.60*	*3.73*	
38.0	7 19.67	8 46.32	9 35.33	13 12.80	15 54.20	17 33.34	13 24.16	
	8.44	*10.98*	*3.09*	*15.15*	*24.16*	*5.71*	*3.79*	
39.0	7 28.08	8 57.27	9 38.44	13 27.91	16 18.34	17 39.11	13 27.98	
	8.38	*10.94*	*3.14*	*15.07*	*24.13*	*5.82*	*3.84*	
40.0	7 36.42	9 08.19	9 41.61	13 42.93	16 39.54	17 44.98	13 31.84	
	8.31	*10.90*	*3.20*	*14.97*	*20.00*	*5.92*	*3.90*	
41.0	7 44.70	9 19.07	9 44.84	13 57.86	16 59.49	17 50.95	13 35.77	
	8.24	*10.86*	*3.25*	*14.88*	*19.89*	*6.02*	*3.95*	
42.0	7 52.90	9 29.90	9 48.11	14 12.69	17 19.32	17 57.01	13 39.74	
	8.17	*10.81*	*3.30*	*14.78*	*19.77*	*6.12*	*3.99*	
43.0	8 01.04	9 40.69	9 51.44	14 27.42	17 39.02	18 03.18	13 43.75	
	8.10	*10.75*	*3.35*	*14.69*	*19.64*	*6.21*	*4.04*	
44.0	8 09.11	9 51.41	9 54.82	14 42.06	17 58.59	18 09.43	13 47.81	
	8.03	*10.70*	*3.40*	*14.59*	*19.50*	*6.30*	*4.08*	
45.0	8 17.10	10 02.08	9 58.24	14 56.60	18 18.02	18 15.78	13 51.92	
	7.96	*10.64*	*3.45*	*14.49*	*19.35*	*6.39*	*4.12*	
46.0	8 25.03	10 12.68	10 01.71	15 11.04	18 35.77	18 22.21	13 56.06	
	7.89	*10.57*	*3.49*	*14.39*	*16.33*	*6.48*	*4.16*	
47.0	8 32.88	10 23.22	10 05.23	15 25.37	18 52.06	18 28.73	14 00.23	
	7.82	*10.50*	*3.54*	*14.28*	*16.26*	*6.56*	*4.19*	
48.0	8 40.66	10 32.62	10 08.79	15 39.60	19 08.29	18 35.34	14 04.45	
	7.74	*9.14*	*3.58*	*14.17*	*16.19*	*6.64*	*4.23*	
49.0	8 48.37	10 41.75	10 12.39	15 53.72	19 24.45	18 42.02	14 08.69	
	7.67	*9.12*	*3.62*	*14.07*	*16.12*	*6.72*	*4.26*	
50.0	8 56.00	10 50.85	10 16.04	16 07.73	19 40.52	18 48.78	14 12.96	
	7.60	*9.10*	*3.66*	*13.96*	*16.02*	*6.80*	*4.28*	

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
50.0	8 56.00	10 50.85	10 16.04	16 07.73	19 40.52	18 48.78	14 12.96	
	7.60	*9.10*	*3.66*	*13.96*	*16.02*	*6.80*	*4.28*	
51.0	9 03.56	10 59.94	10 19.72	16 21.64	19 56.45	18 55.62	14 17.25	
	7.52	*9.08*	*3.70*	*13.85*	*15.84*	*6.87*	*4.31*	
52.0	9 11.05	11 09.01	10 23.44	16 35.43	20 12.28	19 02.53	14 21.58	
	7.45	*9.06*	*3.74*	*13.74*	*15.81*	*6.95*	*4.33*	
53.0	9 18.47	11 18.05	10 27.20	16 49.12	20 28.08	19 09.51	14 25.92	
	7.38	*9.03*	*3.78*	*13.63*	*15.79*	*7.02*	*4.35*	
54.0	9 25.81	11 27.07	10 31.00	17 02.70	20 43.86	19 16.56	14 30.28	
	7.31	*9.00*	*3.81*	*13.53*	*15.78*	*7.08*	*4.37*	
55.0	9 33.08	11 36.06	10 34.83	17 16.17	20 59.63	19 23.67	14 34.66	
	7.23	*8.97*	*3.85*	*13.42*	*15.76*	*7.15*	*4.39*	
56.0	9 40.28	11 45.01	10 38.69	17 29.54	21 15.39	19 30.85	14 39.05	
	7.16	*8.93*	*3.88*	*13.31*	*15.75*	*7.21*	*4.40*	
57.0	9 47.40	11 53.92	10 42.59	17 42.79	21 31.13	19 38.09	14 43.46	
	7.09	*8.90*	*3.91*	*13.20*	*15.74*	*7.27*	*4.41*	
58.0	9 54.46	12 02.82	10 46.52	17 55.94	21 46.86	19 45.39	14 47.87	
	7.02	*8.88*	*3.94*	*13.09*	*15.72*	*7.33*	*4.42*	
59.0	10 01.43	12 11.69	10 50.48	18 08.97	22 02.58	19 52.75	14 52.30	
	6.94	*8.87*	*3.97*	*12.98*	*15.71*	*7.39*	*4.43*	
60.0	10 08.34	12 20.55	10 54.46	18 21.89	22 18.28	20 00.17	14 56.73	
	6.87	*8.85*	*4.00*	*12.87*	*15.69*	*7.44*	*4.44*	
61.0	10 15.17	12 29.39	10 58.47	18 34.70	22 33.96	20 07.63	15 01.17	
	6.80	*8.84*	*4.03*	*12.75*	*15.68*	*7.49*	*4.44*	
62.0	10 21.93	12 38.22	11 02.52	18 47.39	22 49.63	20 15.15	15 05.61	
	6.72	*8.82*	*4.05*	*12.64*	*15.66*	*7.54*	*4.44*	
63.0	10 28.62	12 47.03	11 06.58	18 60.00	23 05.27	20 22.72	15 10.06	20 22.72
	6.65	*8.80*	*4.08*	*12.53*	*15.63*	*7.59*	*4.45*	*7.59*
64.0	10 35.23	12 55.83	11 10.67	19 12.45	23 20.89	20 30.34		20 30.31
	6.58	*8.79*	*4.10*	*12.41*	*15.61*	*7.64*		*7.59*
65.0	10 41.78	13 04.60	11 14.78	19 24.80	23 36.48	20 38.00		20 37.90
	6.51	*8.77*	*4.12*	*12.30*	*15.58*	*7.68*		*7.59*
66.0	10 48.25	13 13.36	11 18.92	19 37.05	23 52.04	20 45.70		20 45.49
	6.44	*8.74*	*4.15*	*12.19*	*15.54*	*7.73*		*7.59*
67.0	10 54.65	13 22.09	11 23.08	19 49.18	24 07.57	20 53.45		20 53.07
	6.36	*8.72*	*4.17*	*12.07*	*15.51*	*7.77*		*7.58*
68.0	11 00.97	13 30.80	11 27.26	20 01.19	24 23.06	21 01.24		21 00.65
	6.29	*8.69*	*4.19*	*11.96*	*15.47*	*7.81*		*7.58*
69.0	11 07.23	13 39.47	11 31.45	20 13.09	24 38.52	21 09.06		21 08.22
	6.22	*8.66*	*4.21*	*11.84*	*15.44*	*7.84*		*7.57*
70.0	11 13.41	13 48.11	11 35.67	20 24.88	24 53.93	21 16.93		21 15.79
	6.14	*8.63*	*4.22*	*11.73*	*15.40*	*7.88*		*7.56*
71.0	11 19.51	13 56.73	11 39.90	20 36.55	25 09.31	21 24.82		21 23.34
	6.07	*8.60*	*4.24*	*11.61*	*15.36*	*7.91*		*7.55*
72.0	11 25.55	14 05.31	11 44.15	20 48.11	25 24.65	21 32.76		21 30.89
	6.00	*8.57*	*4.26*	*11.50*	*15.32*	*7.95*		*7.54*
73.0	11 31.51	14 13.86	11 48.42	20 59.55	25 39.95	21 40.72		21 38.42
	5.93	*8.54*	*4.27*	*11.38*	*15.28*	*7.98*		*7.52*
74.0	11 37.40	14 22.39	11 52.70	21 10.87	25 55.21	21 48.71		21 45.93
	5.85	*8.51*	*4.29*	*11.26*	*15.24*	*8.01*		*7.51*
75.0	11 43.22	14 30.88	11 56.99	21 22.07	26 10.42	21 56.73		21 53.43
	5.78	*8.47*	*4.30*	*11.14*	*15.20*	*8.04*		*7.49*

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
75.0	11 43.22	14 30.88	11 56.99	21 22.07	26 10.42	21 56.73		21 53.43
	5.78	*8.47*	*4.30*	*11.14*	*15.20*	*8.04*		*7.49*
76.0	11 48.96	14 39.34	12 01.30	21 33.15	26 25.60	22 04.78		22 00.90
	5.70	*8.44*	*4.32*	*11.02*	*15.15*	*8.06*		*7.44*
77.0	11 54.62	14 47.76	12 05.62	21 44.11	26 40.73	22 12.86		22 08.27
	5.63	*8.41*	*4.33*	*10.90*	*15.11*	*8.09*		*7.31*
78.0	12 00.22	14 56.16	12 09.96	21 54.95	26 55.82	22 20.96		22 15.53
	5.56	*8.38*	*4.34*	*10.78*	*15.07*	*8.11*		*7.21*
79.0	12 05.74	15 04.52	12 14.30	22 05.68	27 10.86	22 29.08		22 22.69
	5.49	*8.34*	*4.35*	*10.66*	*15.02*	*8.13*		*7.10*
80.0	12 11.19	15 12.84	12 18.66	22 16.28	27 25.86	22 37.23		22 29.73
	5.41	*8.31*	*4.36*	*10.55*	*14.97*	*8.15*		*6.98*
81.0	12 16.56	15 21.13	12 23.02	22 26.77	27 40.81	22 45.39		22 36.64
	5.33	*8.27*	*4.37*	*10.43*	*14.93*	*8.17*		*6.86*
82.0	12 21.85	15 29.39	12 27.40	22 37.13	27 55.71	22 53.57		22 43.44
	5.26	*8.24*	*4.38*	*10.30*	*14.88*	*8.19*		*6.73*
83.0	12 27.07	15 37.61	12 31.78	22 47.36	28 10.57	23 01.78		22 50.11
	5.18	*8.21*	*4.39*	*10.17*	*14.83*	*8.21*		*6.61*
84.0	12 32.22	15 45.80	12 36.17	22 57.47	28 25.38	23 10.00		22 56.66
	5.10	*8.17*	*4.39*	*10.05*	*14.78*	*8.23*		*6.49*
85.0	12 37.28	15 53.96	12 40.57	23 07.45	28 40.14	23 18.23		23 03.09
	5.02	*8.14*	*4.40*	*9.92*	*14.74*	*8.24*		*6.37*
86.0	12 42.26	16 02.08	12 44.97	23 17.31	28 54.85	23 26.48		23 09.40
	4.95	*8.10*	*4.41*	*9.79*	*14.69*	*8.25*		*6.25*
87.0	12 47.18	16 10.16	12 49.38	23 27.04	29 09.51	23 34.74		23 15.59
	4.87	*8.07*	*4.41*	*9.67*	*14.64*	*8.27*		*6.14*
88.0	12 51.99	16 18.21	12 53.80	23 36.64	29 24.12	23 43.01		23 21.67
	4.75	*8.03*	*4.42*	*9.53*	*14.59*	*8.28*		*6.03*
89.0	12 56.71	16 26.23	12 58.22	23 46.11	29 38.69	23 51.29		23 27.65
	4.70	*8.00*	*4.42*	*9.40*	*14.54*	*8.29*		*5.92*
90.0	13 01.40	16 34.20	13 02.64	23 55.44	29 53.20	23 59.59		23 33.52
	4.67	*7.96*	*4.43*	*9.27*	*14.49*	*8.30*		*5.82*
91.0	13 06.05	16 42.15	13 07.07	24 04.64	30 07.66	24 07.89		23 39.30
	4.64	*7.92*	*4.43*	*9.13*	*14.44*	*8.31*		*5.72*
92.0	13 10.69	16 50.05	13 11.51	24 13.71	30 22.08	24 16.20		23 44.97
	4.63	*7.89*	*4.43*	*9.00*	*14.39*	*8.31*		*5.63*
93.0	13 15.31	16 57.92	13 15.94	24 22.63	30 36.44	24 24.52		23 50.55
	4.61	*7.85*	*4.44*	*8.86*	*14.33*	*8.32*		*5.53*
94.0	13 19.91	17 05.76	13 20.38	24 31.43	30 50.74	24 32.84		23 56.03
	4.60	*7.82*	*4.44*	*8.75*	*14.28*	*8.33*		*5.44*
95.0	13 24.50	17 13.55	13 24.82	24 40.16	31 05.00	24 41.17		24 01.42
	4.58	*7.78*	*4.44*	*8.70*	*14.23*	*8.33*		*5.35*
96.0	13 29.06	17 21.32	13 29.26	24 48.83	31 19.20	24 49.50		24 06.73
	4.55	*7.74*	*4.44*	*8.65*	*14.17*	*8.33*		*5.26*
97.0	13 33.60	17 29.04	13 33.71	24 57.46	31 33.35	24 57.84		24 11.94
	4.52	*7.71*	*4.44*	*8.59*	*14.12*	*8.34*		*5.17*
98.0	13 38.11	17 36.73	13 38.15	25 06.00	31 47.44	25 06.18		24 17.06
	4.50	*7.67*	*4.45*	*8.51*	*14.07*	*8.34*		*5.08*
99.0	13 42.59	17 44.38	13 42.60	25 14.47	32 01.48	25 14.52		24 22.10
	4.47	*7.63*	*4.45*	*8.43*	*14.01*	*8.34*		*5.00*
100.0	13 47.04	17 52.00		25 22.86	32 15.47	25 22.86		24 27.06
	4.45	*7.60*		*8.34*	*13.96*	*8.34*		*4.92*

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
100.0	13 47.04	17 52.00		25 22.86	32 15.47	25 22.86		24 27.06
	4.45	*7.60*		*8.34*	*13.96*	*8.34*		*4.92*
101.0	13 51.49	17 59.58		25 31.20	32 29.40			24 31.94
	4.45	*7.56*		*8.34*	*13.90*			*4.84*
102.0	13 55.93	18 07.12		25 39.54	32 43.28			24 36.73
	4.45	*7.52*		*8.34*	*13.85*			*4.75*
103.0	14 00.38	18 14.63		25 47.88	32 57.10			24 41.45
	4.45	*7.49*		*8.34*	*13.79*			*4.67*
104.0	14 04.83	18 22.10		25 56.22	33 10.87			24 46.08
	4.45	*7.45*		*8.34*	*13.74*			*4.60*
105.0	14 09.27	18 29.53		26 04.56	33 24.58			24 50.64
	4.45	*7.42*		*8.34*	*13.68*			*4.52*
106.0	14 13.72	18 36.93		26 12.90	33 38.24			24 55.12
	4.45	*7.38*		*8.34*	*13.63*			*4.45*
107.0	14 18.16	18 44.29		26 21.24	33 51.84			24 59.53
	4.45	*7.35*		*8.34*	*13.58*			*4.38*
108.0	14 22.61	18 51.62		26 29.58	34 05.40			25 03.87
	4.45	*7.31*		*8.34*	*13.53*			*4.30*
109.0	14 27.05	18 58.91		26 37.92	34 18.90			25 08.14
	4.45	*7.27*		*8.34*	*13.47*			*4.23*
110.0	14 31.50	19 06.17		26 46.26	34 32.34			25 12.34
	4.45	*7.23*		*8.34*	*13.42*			*4.16*
111.0	14 35.95	19 13.38		26 54.60	34 45.74			25 16.47
	4.45	*7.20*		*8.34*	*13.37*			*4.09*
112.0	14 40.39	19 20.56		27 02.94	34 59.08			25 20.53
	4.45	*7.16*		*8.34*	*13.31*			*4.02*
113.0	14 44.84	19 27.70		27 11.28	35 12.36			25 24.52
	4.45	*7.12*		*8.34*	*13.26*			*3.96*
114.0	14 49.28	19 34.81		27 19.62	35 25.59			25 28.44
	4.45	*7.09*		*8.34*	*13.20*			*3.89*
115.0	14 53.73	19 41.88		27 27.97	35 38.76			25 32.30
	4.45	*7.05*		*8.34*	*13.14*			*3.82*
116.0	14 58.17	19 48.91		27 36.31	35 51.87			25 36.08
	4.45	*7.02*		*8.34*	*13.09*			*3.75*
117.0	15 02.62	19 55.91		27 44.65	36 04.93			25 39.80
	4.45	*6.98*		*8.34*	*13.03*			*3.68*
118.0	15 07.06	20 02.87		27 52.99	36 17.93			25 43.44
	4.45	*6.94*		*8.34*	*12.98*			*3.61*
119.0	15 11.51	20 09.79		28 01.33	36 30.88			25 47.02
	4.45	*6.91*		*8.34*	*12.92*			*3.55*
120.0	15 15.96	20 16.68		28 09.67	36 43.77			25 50.54
	4.45	*6.87*		*8.34*	*12.87*			*3.48*
121.0	15 20.40	20 23.53		28 18.01	36 56.61			25 53.99
	4.45	*6.83*		*8.34*	*12.81*			*3.42*
122.0	15 24.85	20 30.35		28 26.35	37 09.39			25 57.37
	4.45	*6.80*		*8.34*	*12.75*			*3.35*
123.0	15 29.29	20 37.12		28 34.69	37 22.12			26 00.68
	4.45	*6.76*		*8.34*	*12.70*			*3.28*
124.0	15 33.74	20 43.86		28 43.03	37 34.79			26 03.93
	4.45	*6.72*		*8.34*	*12.64*			*3.21*

Depth : 100.0 **km**

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
0.0	0 13.84		8 17.85	0 24.16		15 11.62	11 39.58	
1.0	0 20.39		8 17.90	0 35.74		15 11.71	11 39.64	
	10.82		*0.10*	*19.20*		*0.18*	*0.13*	
2.0	0 32.54		8 18.05	0 57.38		15 11.98	11 39.83	
	12.90		*0.19*	*23.05*		*0.36*	*0.25*	
3.0	0 45.71		8 18.29	1 20.94		15 12.43	11 40.14	
	13.35		*0.29*	*23.89*		*0.53*	*0.37*	
4.0	0 59.14		8 18.62	1 44.99		15 13.05	11 40.58	
	13.49		*0.39*	*24.17*		*0.71*	*0.50*	
5.0	1 12.67		8 19.06	2 09.22		15 13.85	11 41.14	
	13.55		*0.48*	*24.28*		*0.89*	*0.62*	
6.0	1 26.24		8 19.59	2 33.53		15 14.82	11 41.82	
	13.58		*0.58*	*24.33*		*1.06*	*0.75*	
7.0	1 39.83		8 20.21	2 57.87		15 15.98	11 42.63	
	13.60		*0.67*	*24.35*		*1.24*	*0.87*	
8.0	1 53.42		8 20.93	3 22.21		15 17.30	11 43.56	
	13.60		*0.77*	*24.35*		*1.41*	*0.99*	
9.0	2 07.02		8 21.74	3 46.56		15 18.80	11 44.61	
	13.60		*0.86*	*24.34*		*1.59*	*1.11*	
10.0	2 20.62		8 22.65	4 10.88		15 20.48	11 45.78	
	13.59		*0.95*	*24.32*		*1.76*	*1.23*	
11.0	2 34.21		8 23.65	4 35.19		15 22.32	11 47.07	
	13.59		*1.05*	*24.29*		*1.93*	*1.35*	
12.0	2 47.59		8 24.74	4 59.47		15 24.33	11 48.47	
	13.28		*1.14*	*24.26*		*2.10*	*1.47*	
13.0	3 00.80		8 25.92	5 23.72		15 26.52	11 50.00	
	13.13		*1.23*	*24.23*		*2.27*	*1.58*	
14.0	3 13.83		8 27.20	5 47.93		15 28.87	11 51.64	
	12.93		*1.32*	*24.20*		*2.43*	*1.70*	
15.0	3 26.63		8 28.56	6 12.11		15 31.38	11 53.39	
	12.66		*1.41*	*24.16*		*2.60*	*1.81*	
16.0	3 39.17		8 30.01	6 36.25		15 34.06	11 55.25	
	12.43		*1.50*	*24.12*		*2.76*	*1.92*	
17.0	3 51.49		8 31.55	7 00.34		15 36.90	11 57.23	
	12.22		*1.58*	*24.07*		*2.92*	*2.03*	
18.0	4 02.77		8 33.18	7 24.01		15 39.90	11 59.31	
	10.97		*1.67*	*20.15*		*3.08*	*2.14*	
19.0	4 13.71		8 34.89	7 44.07		15 43.06	12 01.49	
	10.90		*1.75*	*19.97*		*3.24*	*2.24*	
20.0	4 24.56		8 36.68	8 03.94		15 46.37	12 03.79	
	10.81		*1.84*	*19.75*		*3.39*	*2.34*	
21.0	4 35.32		8 38.56	8 23.57		15 49.84	12 06.18	
	10.70		*1.92*	*19.49*		*3.54*	*2.44*	
22.0	4 45.96		8 40.52	8 42.56		15 53.45	12 08.68	
	10.58		*2.00*	*16.36*		*3.69*	*2.54*	
23.0	4 56.18		8 42.55	8 58.86	9 42.29	15 57.22	12 11.27	
	9.15		*2.08*	*16.23*	*24.35*	*3.84*	*2.64*	
24.0	5 05.31		8 44.67	9 15.02	10 06.64	16 01.13	12 13.96	
	9.11		*2.16*	*16.09*	*24.34*	*3.98*	*2.73*	
25.0	5 14.40	5 53.87	8 46.87	9 30.97	10 30.97	16 05.18	12 16.74	
	9.07	*13.60*	*2.23*	*15.83*	*24.33*	*4.13*	*2.83*	

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
25.0	5 14.40	5 53.87	8 46.87	9 30.97	10 30.97	16 05.18	12 16.74	
	9.07	*13.60*	*2.23*	*15.83*	*24.33*	*4.13*	*2.83*	
26.0	5 23.45	6 07.47	8 49.14	9 46.78	10 55.29	16 09.38	12 19.61	
	9.02	*13.60*	*2.31*	*15.79*	*24.31*	*4.26*	*2.92*	
27.0	5 32.44	6 20.88	8 51.48	10 02.55	11 19.60	16 13.71	12 22.57	
	8.95	*13.26*	*2.38*	*15.76*	*24.30*	*4.40*	*3.00*	
28.0	5 41.35	6 34.10	8 53.90	10 18.29	11 43.88	16 18.18	12 25.62	
	8.90	*13.17*	*2.45*	*15.73*	*24.28*	*4.54*	*3.09*	
29.0	5 50.23	6 47.22	8 56.39	10 34.01	12 08.15	16 22.78	12 28.75	
	8.86	*13.06*	*2.53*	*15.70*	*24.26*	*4.67*	*3.17*	
30.0	5 59.08	7 00.21	8 58.95	10 49.70	12 32.41	16 27.51	12 31.96	
	8.83	*12.93*	*2.60*	*15.67*	*24.24*	*4.80*	*3.25*	
31.0	6 07.89	7 13.06	9 01.58	11 05.34	12 56.64	16 32.38	12 35.25	
	8.80	*12.78*	*2.66*	*15.62*	*24.22*	*4.92*	*3.33*	
32.0	6 16.67	7 25.76	9 04.28	11 20.94	13 20.85	16 37.36	12 38.61	
	8.76	*12.62*	*2.73*	*15.57*	*24.20*	*5.05*	*3.40*	
33.0	6 25.41	7 38.32	9 07.04	11 36.47	13 45.04	16 42.47	12 42.05	
	8.71	*12.49*	*2.79*	*15.50*	*24.18*	*5.17*	*3.47*	
34.0	6 34.09	7 50.75	9 09.86	11 51.93	14 09.21	16 47.70	12 45.56	
	8.65	*12.38*	*2.86*	*15.42*	*24.16*	*5.29*	*3.54*	
35.0	6 42.71	8 03.08	9 12.75	12 07.32	14 33.35	16 53.04	12 49.14	
	8.59	*12.27*	*2.92*	*15.35*	*24.13*	*5.40*	*3.61*	
36.0	6 51.27	8 14.94	9 15.70	12 22.62	14 57.47	16 58.50	12 52.78	
	8.53	*11.00*	*2.98*	*15.27*	*24.11*	*5.52*	*3.67*	
37.0	6 59.76	8 25.93	9 18.72	12 37.85	15 21.57	17 04.07	12 56.48	
	8.47	*10.97*	*3.04*	*15.18*	*24.08*	*5.63*	*3.74*	
38.0	7 08.20	8 36.89	9 21.78	12 52.99	15 43.81	17 09.75	13 00.25	
	8.40	*10.94*	*3.10*	*15.10*	*20.08*	*5.73*	*3.79*	
39.0	7 16.57	8 47.81	9 24.91	13 08.04	16 03.85	17 15.54	13 04.07	
	8.33	*10.90*	*3.15*	*15.01*	*19.99*	*5.84*	*3.85*	
40.0	7 24.87	8 58.68	9 28.09	13 23.00	16 23.78	17 21.43	13 07.95	
	8.27	*10.86*	*3.21*	*14.92*	*19.88*	*5.94*	*3.90*	
41.0	7 33.10	9 09.52	9 31.32	13 37.87	16 43.60	17 27.42	13 11.87	
	8.20	*10.81*	*3.26*	*14.82*	*19.76*	*6.04*	*3.95*	
42.0	7 41.27	9 20.30	9 34.61	13 52.64	17 03.30	17 33.51	13 15.85	
	8.13	*10.75*	*3.31*	*14.72*	*19.63*	*6.14*	*4.00*	
43.0	7 49.36	9 31.02	9 37.95	14 07.32	17 22.86	17 39.69	13 19.88	
	8.06	*10.70*	*3.36*	*14.63*	*19.50*	*6.23*	*4.05*	
44.0	7 57.39	9 41.69	9 41.34	14 21.90	17 42.29	17 45.97	13 23.94	
	7.99	*10.64*	*3.41*	*14.53*	*19.35*	*6.32*	*4.09*	
45.0	8 05.34	9 52.30	9 44.77	14 36.38	18 00.45	17 52.34	13 28.05	
	7.92	*10.57*	*3.46*	*14.43*	*16.35*	*6.41*	*4.13*	
46.0	8 13.23	10 02.84	9 48.25	14 50.75	18 16.76	17 58.79	13 32.20	
	7.85	*10.51*	*3.50*	*14.32*	*16.28*	*6.50*	*4.16*	
47.0	8 21.04	10 12.49	9 51.78	15 05.02	18 33.00	18 05.33	13 36.38	
	7.78	*9.14*	*3.55*	*14.22*	*16.21*	*6.58*	*4.20*	
48.0	8 28.78	10 21.62	9 55.35	15 19.19	18 49.18	18 11.95	13 40.59	
	7.70	*9.12*	*3.59*	*14.11*	*16.15*	*6.66*	*4.23*	
49.0	8 36.44	10 30.74	9 58.96	15 33.25	19 05.29	18 18.65	13 44.84	
	7.63	*9.10*	*3.63*	*14.00*	*16.06*	*6.74*	*4.26*	
50.0	8 44.04	10 39.83	10 02.61	15 47.20	19 21.27	18 25.43	13 49.12	
	7.56	*9.08*	*3.67*	*13.90*	*15.86*	*6.82*	*4.29*	

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
50.0	8 44.04	10 39.83	10 02.61	15 47.20	19 21.27	18 25.43	13 49.12	
	7.56	*9.08*	*3.67*	*13.90*	*15.86*	*6.82*	*4.29*	
51.0	8 51.56	10 48.90	10 06.31	16 01.04	19 37.11	18 32.29	13 53.42	
	7.49	*9.06*	*3.71*	*13.79*	*15.82*	*6.89*	*4.31*	
52.0	8 59.01	10 57.96	10 10.04	16 14.77	19 52.92	18 39.21	13 57.74	
	7.42	*9.04*	*3.75*	*13.68*	*15.80*	*6.96*	*4.33*	
53.0	9 06.39	11 06.98	10 13.81	16 28.40	20 08.71	18 46.21	14 02.09	
	7.34	*9.01*	*3.79*	*13.57*	*15.78*	*7.03*	*4.36*	
54.0	9 13.70	11 15.98	10 17.61	16 41.92	20 24.48	18 53.28	14 06.45	
	7.27	*8.98*	*3.82*	*13.47*	*15.77*	*7.10*	*4.37*	
55.0	9 20.93	11 24.94	10 21.45	16 55.34	20 40.24	19 00.41	14 10.83	
	7.20	*8.94*	*3.86*	*13.36*	*15.75*	*7.16*	*4.39*	
56.0	9 28.09	11 33.86	10 25.32	17 08.65	20 55.99	19 07.61	14 15.23	
	7.12	*8.91*	*3.89*	*13.25*	*15.74*	*7.23*	*4.40*	
57.0	9 35.18	11 42.76	10 29.23	17 21.84	21 11.72	19 14.86	14 19.63	
	7.05	*8.89*	*3.92*	*13.14*	*15.73*	*7.29*	*4.41*	
58.0	9 42.20	11 51.64	10 33.16	17 34.93	21 27.44	19 22.18	14 24.05	
	6.98	*8.87*	*3.95*	*13.03*	*15.71*	*7.35*	*4.42*	
59.0	9 49.14	12 00.51	10 37.13	17 47.90	21 43.15	19 29.55	14 28.48	
	6.91	*8.86*	*3.98*	*12.92*	*15.70*	*7.40*	*4.43*	
60.0	9 56.01	12 09.35	10 41.12	18 00.76	21 58.84	19 36.98	14 32.91	
	6.83	*8.84*	*4.01*	*12.81*	*15.68*	*7.46*	*4.44*	
61.0	10 02.81	12 18.19	10 45.14	18 13.52	22 14.51	19 44.46	14 37.35	
	6.76	*8.83*	*4.03*	*12.70*	*15.66*	*7.51*	*4.44*	
62.0	10 09.54	12 27.00	10 49.19	18 26.16	22 30.16	19 51.99	14 41.80	
	6.69	*8.81*	*4.06*	*12.58*	*15.64*	*7.56*	*4.44*	
63.0	10 16.19	12 35.81	10 53.26	18 38.68	22 45.79	19 59.58	14 46.24	19 59.57
	6.62	*8.79*	*4.08*	*12.47*	*15.61*	*7.61*	*4.45*	*7.59*
64.0	10 22.77	12 44.59	10 57.36	18 51.10	23 01.39	20 07.20		20 07.16
	6.55	*8.77*	*4.11*	*12.36*	*15.59*	*7.65*		*7.59*
65.0	10 29.29	12 53.35	11 01.47	19 03.40	23 16.96	20 14.88		20 14.75
	6.48	*8.75*	*4.13*	*12.25*	*15.55*	*7.70*		*7.59*
66.0	10 35.72	13 02.09	11 05.62	19 15.59	23 32.50	20 22.60		20 22.34
	6.40	*8.73*	*4.15*	*12.13*	*15.52*	*7.74*		*7.58*
67.0	10 42.09	13 10.81	11 09.78	19 27.67	23 48.00	20 30.35		20 29.92
	6.33	*8.70*	*4.17*	*12.02*	*15.49*	*7.78*		*7.58*
68.0	10 48.39	13 19.49	11 13.96	19 39.63	24 03.47	20 38.15		20 37.50
	6.26	*8.67*	*4.19*	*11.91*	*15.45*	*7.82*		*7.57*
69.0	10 54.61	13 28.15	11 18.16	19 51.48	24 18.90	20 45.99		20 45.07
	6.19	*8.64*	*4.21*	*11.79*	*15.41*	*7.85*		*7.57*
70.0	11 00.76	13 36.77	11 22.38	20 03.21	24 34.29	20 53.86		20 52.63
	6.12	*8.61*	*4.23*	*11.68*	*15.37*	*7.89*		*7.56*
71.0	11 06.84	13 45.36	11 26.62	20 14.83	24 49.64	21 01.77		21 00.19
	6.04	*8.58*	*4.25*	*11.56*	*15.33*	*7.92*		*7.55*
72.0	11 12.85	13 53.93	11 30.88	20 26.34	25 04.96	21 09.71		21 07.73
	5.97	*8.55*	*4.26*	*11.45*	*15.29*	*7.96*		*7.53*
73.0	11 18.78	14 02.46	11 35.15	20 37.73	25 20.23	21 17.68		21 15.25
	5.90	*8.52*	*4.28*	*11.33*	*15.25*	*7.99*		*7.52*
74.0	11 24.64	14 10.96	11 39.43	20 48.99	25 35.46	21 25.68		21 22.76
	5.82	*8.49*	*4.29*	*11.21*	*15.21*	*8.02*		*7.50*
75.0	11 30.43	14 19.43	11 43.73	21 00.14	25 50.65	21 33.71		21 30.26
	5.75	*8.45*	*4.31*	*11.09*	*15.17*	*8.04*		*7.48*

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
75.0	11 30.43	14 19.43	11 43.73	21 00.14	25 50.65	21 33.71		21 30.26
	5.75	*8.45*	*4.31*	*11.09*	*15.17*	*8.04*		*7.48*
76.0	11 36.14	14 27.87	11 48.04	21 11.17	26 05.80	21 41.77		21 37.71
	5.68	*8.42*	*4.32*	*10.97*	*15.13*	*8.07*		*7.40*
77.0	11 41.78	14 36.28	11 52.37	21 22.09	26 20.90	21 49.85		21 45.05
	5.60	*8.39*	*4.33*	*10.85*	*15.08*	*8.09*		*7.28*
78.0	11 47.35	14 44.65	11 56.70	21 32.88	26 35.96	21 57.96		21 52.28
	5.53	*8.36*	*4.34*	*10.73*	*15.04*	*8.12*		*7.18*
79.0	11 52.84	14 52.99	12 01.05	21 43.55	26 50.97	22 06.09		21 59.41
	5.46	*8.32*	*4.35*	*10.62*	*14.99*	*8.14*		*7.07*
80.0	11 58.26	15 01.30	12 05.41	21 54.11	27 05.94	22 14.24		22 06.42
	5.38	*8.29*	*4.36*	*10.50*	*14.94*	*8.16*		*6.95*
81.0	12 03.61	15 09.57	12 09.78	22 04.55	27 20.86	22 22.41		22 13.30
	5.31	*8.25*	*4.37*	*10.38*	*14.90*	*8.18*		*6.83*
82.0	12 08.88	15 17.80	12 14.15	22 14.86	27 35.74	22 30.60		22 20.07
	5.23	*8.22*	*4.38*	*10.25*	*14.85*	*8.20*		*6.71*
83.0	12 14.07	15 26.01	12 18.54	22 25.05	27 50.56	22 38.81		22 26.71
	5.16	*8.19*	*4.39*	*10.12*	*14.80*	*8.22*		*6.58*
84.0	12 19.19	15 34.17	12 22.93	22 35.11	28 05.34	22 47.03		22 33.23
	5.08	*8.15*	*4.40*	*10.00*	*14.75*	*8.23*		*6.46*
85.0	12 24.23	15 42.31	12 27.33	22 45.05	28 20.07	22 55.27		22 39.63
	5.00	*8.12*	*4.40*	*9.88*	*14.71*	*8.25*		*6.34*
86.0	12 29.19	15 50.41	12 31.74	22 54.86	28 34.75	23 03.52		22 45.92
	4.93	*8.08*	*4.41*	*9.75*	*14.66*	*8.26*		*6.23*
87.0	12 34.08	15 58.47	12 36.15	23 04.54	28 49.39	23 11.79		22 52.09
	4.84	*8.05*	*4.41*	*9.62*	*14.61*	*8.27*		*6.11*
88.0	12 38.85	16 06.50	12 40.57	23 14.10	29 03.97	23 20.06		22 58.15
	4.73	*8.01*	*4.42*	*9.49*	*14.56*	*8.28*		*6.01*
89.0	12 43.56	16 14.49	12 44.99	23 23.52	29 18.50	23 28.35		23 04.10
	4.69	*7.98*	*4.42*	*9.35*	*14.51*	*8.29*		*5.90*
90.0	12 48.24	16 22.45	12 49.41	23 32.80	29 32.99	23 36.65		23 09.95
	4.66	*7.94*	*4.43*	*9.22*	*14.46*	*8.30*		*5.80*
91.0	12 52.89	16 30.37	12 53.84	23 41.96	29 47.42	23 44.95		23 15.70
	4.64	*7.90*	*4.43*	*9.09*	*14.41*	*8.31*		*5.70*
92.0	12 57.52	16 38.26	12 58.28	23 50.98	30 01.80	23 53.26		23 21.36
	4.62	*7.87*	*4.44*	*8.95*	*14.36*	*8.32*		*5.61*
93.0	13 02.13	16 46.11	13 02.72	23 59.86	30 16.13	24 01.58		23 26.92
	4.61	*7.83*	*4.44*	*8.82*	*14.30*	*8.32*		*5.51*
94.0	13 06.73	16 53.92	13 07.15	24 08.63	30 30.40	24 09.91		23 32.38
	4.59	*7.80*	*4.44*	*8.73*	*14.25*	*8.33*		*5.42*
95.0	13 11.31	17 01.70	13 11.60	24 17.34	30 44.63	24 18.24		23 37.76
	4.57	*7.76*	*4.44*	*8.69*	*14.20*	*8.33*		*5.33*
96.0	13 15.87	17 09.44	13 16.04	24 26.00	30 58.80	24 26.57		23 43.04
	4.54	*7.72*	*4.44*	*8.63*	*14.14*	*8.34*		*5.24*
97.0	13 20.40	17 17.15	13 20.48	24 34.60	31 12.91	24 34.91		23 48.24
	4.52	*7.69*	*4.44*	*8.56*	*14.09*	*8.34*		*5.15*
98.0	13 24.90	17 24.82	13 24.93	24 43.12	31 26.98	24 43.25		23 53.35
	4.49	*7.65*	*4.45*	*8.48*	*14.04*	*8.34*		*5.07*
99.0	13 29.37	17 32.45	13 29.37	24 51.56	31 40.99	24 51.59		23 58.38
	4.46	*7.61*	*4.45*	*8.40*	*13.98*	*8.34*		*4.98*
100.0	13 33.82	17 40.04		24 59.93	31 54.94			24 03.32
	4.45	*7.58*		*8.34*	*13.93*			*4.90*

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
100.0	13 33.82	17 40.04		24 59.93	31 54.94			24 03.32
	4.45	*7.58*		*8.34*	*13.93*			*4.90*
101.0	13 38.26	17 47.60		25 08.27	32 08.84			24 08.18
	4.45	*7.54*		*8.34*	*13.87*			*4.82*
102.0	13 42.71	17 55.13		25 16.61	32 22.69			24 12.96
	4.45	*7.51*		*8.34*	*13.82*			*4.74*
103.0	13 47.16	18 02.61		25 24.95	32 36.48			24 17.67
	4.45	*7.47*		*8.34*	*13.76*			*4.66*
104.0	13 51.60	18 10.07		25 33.29	32 50.22			24 22.29
	4.45	*7.43*		*8.34*	*13.71*			*4.58*
105.0	13 56.05	18 17.48		25 41.63	33 03.90			24 26.83
	4.45	*7.40*		*8.34*	*13.65*			*4.51*
106.0	14 00.49	18 24.86		25 50.00	33 17.53			24 31.30
	4.45	*7.36*		*8.34*	*13.60*			*4.44*
107.0	14 04.94	18 32.21		25 58.31	33 31.10			24 35.70
	4.45	*7.33*		*8.34*	*13.55*			*4.36*
108.0	14 09.38	18 39.52		26 06.65	33 44.63			24 40.03
	4.45	*7.29*		*8.34*	*13.50*			*4.29*
109.0	14 13.83	18 46.79		26 14.99	33 58.10			24 44.29
	4.45	*7.25*		*8.34*	*13.45*			*4.22*
110.0	14 18.28	18 54.02		26 23.33	34 11.52			24 48.48
	4.45	*7.22*		*8.34*	*13.39*			*4.15*
111.0	14 22.72	19 01.22		26 31.67	34 24.88			24 52.60
	4.45	*7.18*		*8.34*	*13.34*			*4.08*
112.0	14 27.17	19 08.38		26 40.01	34 38.19			24 56.65
	4.45	*7.14*		*8.34*	*13.28*			*4.02*
113.0	14 31.61	19 15.50		26 48.35	34 51.44			25 00.63
	4.45	*7.11*		*8.34*	*13.23*			*3.95*
114.0	14 36.06	19 22.59		26 56.69	35 04.64			25 04.54
	4.45	*7.07*		*8.34*	*13.17*			*3.88*
115.0	14 40.50	19 29.64		27 05.03	35 17.78			25 08.39
	4.45	*7.03*		*8.34*	*13.11*			*3.81*
116.0	14 44.95	19 36.66		27 13.38	35 30.87			25 12.16
	4.45	*7.00*		*8.34*	*13.06*			*3.74*
117.0	14 49.40	19 43.64		27 21.72	35 43.90			25 15.87
	4.45	*6.96*		*8.34*	*13.00*			*3.67*
118.0	14 53.84	19 50.58		27 30.06	35 56.87			25 19.51
	4.45	*6.92*		*8.34*	*12.95*			*3.61*
119.0	14 58.29	19 57.49		27 38.40	36 09.79			25 23.08
	4.45	*6.89*		*8.34*	*12.89*			*3.54*
120.0	15 02.73	20 04.36		27 46.74	36 22.66			25 26.59
	4.45	*6.85*		*8.34*	*12.84*			*3.47*
121.0	15 07.18	20 11.19		27 55.08	36 35.47			25 30.03
	4.45	*6.81*		*8.34*	*12.78*			*3.41*
122.0	15 11.62	20 17.99		28 03.42	36 48.22			25 33.40
	4.45	*6.78*		*8.34*	*12.73*			*3.34*
123.0	15 16.07	20 24.75		28 11.76	37 00.92			25 36.71
	4.45	*6.74*		*8.34*	*12.67*			*3.27*
124.0	15 20.52	20 31.47		28 20.10	37 13.56			25 39.95
	4.45	*6.71*		*8.34*	*12.61*			*3.21*

Depth : 300.0 **km**

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
0.0	0 37.97		7 53.72	1 08.13		14 27.65	10 55.60	
1.0	0 40.34		7 53.77	1 12.42		14 27.74	10 55.67	
	4.61		*0.10*	*8.32*		*0.18*	*0.13*	
2.0	0 46.73		7 53.92	1 23.96		14 28.01	10 55.86	
	7.91		*0.20*	*14.30*		*0.36*	*0.25*	
3.0	0 55.71		7 54.16	1 40.21		14 28.46	10 56.17	
	9.86		*0.29*	*17.87*		*0.54*	*0.38*	
4.0	1 06.17		7 54.51	1 59.19		14 29.10	10 56.61	
	10.96		*0.39*	*19.91*		*0.72*	*0.50*	
5.0	1 17.48		7 54.95	2 19.74		14 29.91	10 57.18	
	11.59		*0.49*	*21.09*		*0.90*	*0.63*	
6.0	1 29.26		7 55.48	2 41.21		14 30.90	10 57.87	
	11.95		*0.58*	*21.80*		*1.08*	*0.75*	
7.0	1 41.32		7 56.11	3 03.24		14 32.06	10 58.69	
	12.15		*0.68*	*22.23*		*1.26*	*0.88*	
8.0	1 53.52		7 56.84	3 25.60		14 33.41	10 59.62	
	12.25		*0.78*	*22.48*		*1.43*	*1.00*	
9.0	2 05.79		7 57.67	3 48.15		14 34.93	11 00.68	
	12.28		*0.87*	*22.61*		*1.61*	*1.12*	
10.0	2 18.07		7 58.59	4 10.79		14 36.63	11 01.87	
	12.26		*0.97*	*22.65*		*1.78*	*1.24*	
11.0	2 30.30		7 59.60	4 33.43		14 38.50	11 03.17	
	12.21		*1.06*	*22.61*		*1.96*	*1.36*	
12.0	2 42.47		8 00.71	4 55.99		14 40.54	11 04.59	
	12.12		*1.15*	*22.52*		*2.13*	*1.48*	
13.0	2 54.55		8 01.91	5 18.45		14 42.75	11 06.13	
	12.02		*1.24*	*22.38*		*2.30*	*1.60*	
14.0	3 05.98		8 03.20	5 40.30		14 45.13	11 07.78	
	11.03		*1.34*	*20.28*		*2.46*	*1.71*	
15.0	3 16.99		8 04.58	6 00.52		14 47.68	11 09.55	
	10.97		*1.43*	*20.15*		*2.63*	*1.82*	
16.0	3 27.93		8 06.05	6 20.59		14 50.39	11 11.43	
	10.91		*1.51*	*19.99*		*2.80*	*1.94*	
17.0	3 38.79		8 07.60	6 40.48		14 53.27	11 13.42	
	10.82		*1.60*	*19.79*		*2.96*	*2.05*	
18.0	3 49.57		8 09.25	7 00.15		14 56.31	11 15.52	
	10.73		*1.69*	*19.56*		*3.12*	*2.15*	
19.0	4 00.24		8 10.98	7 19.59		14 59.50	11 17.72	
	10.62		*1.77*	*19.31*		*3.28*	*2.26*	
20.0	4 10.81		8 12.80	7 38.06		15 02.86	11 20.03	
	10.50		*1.86*	*16.39*		*3.43*	*2.36*	
21.0	4 20.76		8 14.70	7 54.39		15 06.36	11 22.45	
	9.15		*1.94*	*16.26*		*3.58*	*2.46*	
22.0	4 29.90		8 16.68	8 10.59		15 10.02	11 24.96	
	9.12		*2.02*	*16.13*		*3.73*	*2.56*	
23.0	4 39.00		8 18.74	8 26.62		15 13.83	11 27.57	
	9.08		*2.10*	*15.86*		*3.88*	*2.66*	
24.0	4 48.05	5 49.43	8 20.88	8 42.44		15 17.79	11 30.28	
	9.03	*11.12*	*2.18*	*15.80*		*4.03*	*2.76*	
25.0	4 57.05	6 00.54	8 23.10	8 58.22	10 56.84	15 21.89	11 33.08	
	8.97	*11.11*	*2.26*	*15.77*	*20.48*	*4.17*	*2.85*	

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
25.0	4 57.05	6 00.54	8 23.10	8 58.22	10 56.84	15 21.89	11 33.08	
	8.97	*11.11*	*2.26*	*15.77*	*20.48*	*4.17*	*2.85*	
26.0	5 05.99	6 11.66	8 25.39	9 13.97	11 17.31	15 26.13	11 35.97	
	8.91	*11.11*	*2.33*	*15.74*	*20.47*	*4.31*	*2.94*	
27.0	5 14.88	6 22.76	8 27.77	9 29.70	11 37.78	15 30.51	11 38.96	
	8.87	*11.10*	*2.41*	*15.71*	*20.46*	*4.45*	*3.02*	
28.0	5 23.73	6 29.65	8 30.21	9 45.40	11 58.23	15 35.03	11 42.02	
	8.84	*12.27*	*2.48*	*15.68*	*20.44*	*4.59*	*3.11*	
29.0	5 32.55	6 41.90	8 32.73	10 01.06	12 18.66	15 39.68	11 45.17	
	8.81	*12.23*	*2.55*	*15.64*	*20.42*	*4.72*	*3.19*	
30.0	5 41.34	6 54.11	8 35.31	10 16.68	12 32.37	15 44.47	11 48.40	
	8.77	*12.18*	*2.62*	*15.59*	*22.65*	*4.85*	*3.27*	
31.0	5 50.09	7 06.26	8 37.97	10 32.24	12 55.01	15 49.38	11 51.71	
	8.73	*12.11*	*2.69*	*15.52*	*22.61*	*4.97*	*3.35*	
32.0	5 58.79	7 18.14	8 40.69	10 47.73	13 17.58	15 54.41	11 55.10	
	8.67	*11.03*	*2.76*	*15.45*	*22.54*	*5.10*	*3.42*	
33.0	6 07.43	7 29.15	8 43.48	11 03.14	13 40.00	15 59.57	11 58.56	
	8.61	*11.00*	*2.82*	*15.38*	*20.23*	*5.22*	*3.49*	
34.0	6 16.01	7 40.14	8 46.33	11 18.48	14 00.20	16 04.85	12 02.09	
	8.55	*10.97*	*2.88*	*15.30*	*20.16*	*5.34*	*3.56*	
35.0	6 24.53	7 51.10	8 49.25	11 33.74	14 20.32	16 10.24	12 05.68	
	8.49	*10.94*	*2.95*	*15.22*	*20.08*	*5.45*	*3.63*	
36.0	6 32.99	8 02.02	8 52.23	11 48.92	14 40.36	16 15.75	12 09.34	
	8.43	*10.90*	*3.01*	*15.14*	*19.99*	*5.57*	*3.69*	
37.0	6 41.39	8 12.91	8 55.26	12 04.01	15 00.30	16 21.37	12 13.07	
	8.36	*10.86*	*3.07*	*15.05*	*19.89*	*5.68*	*3.75*	
38.0	6 49.72	8 23.75	8 58.36	12 19.02	15 20.14	16 27.10	12 16.85	
	8.30	*10.82*	*3.12*	*14.96*	*19.78*	*5.78*	*3.81*	
39.0	6 57.99	8 34.54	9 01.51	12 33.93	15 39.86	16 32.94	12 20.69	
	8.23	*10.77*	*3.18*	*14.87*	*19.66*	*5.89*	*3.87*	
40.0	7 06.19	8 45.28	9 04.71	12 48.75	15 59.45	16 38.88	12 24.58	
	8.16	*10.71*	*3.23*	*14.77*	*19.53*	*5.99*	*3.92*	
41.0	7 14.32	8 55.96	9 07.97	13 03.48	16 18.92	16 44.92	12 28.52	
	8.10	*10.66*	*3.29*	*14.68*	*19.40*	*6.09*	*3.97*	
42.0	7 22.38	9 06.59	9 11.29	13 18.11	16 38.25	16 51.05	12 32.51	
	8.03	*10.60*	*3.34*	*14.58*	*19.26*	*6.18*	*4.02*	
43.0	7 30.37	9 17.16	9 14.65	13 32.65	16 55.95	16 57.28	12 36.55	
	7.96	*10.54*	*3.39*	*14.48*	*16.36*	*6.28*	*4.06*	
44.0	7 38.30	9 27.66	9 18.06	13 47.08	17 12.28	17 03.61	12 40.63	
	7.89	*10.47*	*3.44*	*14.38*	*16.29*	*6.37*	*4.10*	
45.0	7 46.15	9 37.07	9 21.52	14 01.41	17 28.54	17 10.02	12 44.75	
	7.82	*9.15*	*3.48*	*14.28*	*16.23*	*6.46*	*4.14*	
46.0	7 53.93	9 46.21	9 25.02	14 15.64	17 44.74	17 16.52	12 48.91	
	7.75	*9.13*	*3.53*	*14.18*	*16.16*	*6.54*	*4.18*	
47.0	8 01.65	9 55.33	9 28.57	14 29.77	18 00.87	17 23.10	12 53.11	
	7.68	*9.11*	*3.57*	*14.07*	*16.09*	*6.63*	*4.21*	
48.0	8 09.29	10 04.43	9 32.17	14 43.79	18 16.90	17 29.77	12 57.33	
	7.61	*9.09*	*3.61*	*13.97*	*15.96*	*6.71*	*4.24*	
49.0	8 16.86	10 13.50	9 35.80	14 57.70	18 32.76	17 36.51	13 01.59	
	7.53	*9.07*	*3.66*	*13.86*	*15.83*	*6.78*	*4.27*	
50.0	8 24.36	10 22.56	9 39.48	15 11.51	18 48.58	17 43.33	13 05.87	
	7.46	*9.04*	*3.70*	*13.75*	*15.81*	*6.86*	*4.30*	

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
50.0	8 24.36	10 22.56	9 39.48	15 11.51	18 48.58	17 43.33	13 05.87	
	7.46	*9.04*	*3.70*	*13.75*	*15.81*	*6.86*	*4.30*	
51.0	8 31.79	10 31.59	9 43.19	15 25.20	19 04.37	17 50.23	13 10.18	
	7.39	*9.02*	*3.73*	*13.65*	*15.79*	*6.93*	*4.32*	
52.0	8 39.15	10 40.60	9 46.94	15 38.80	19 20.15	17 57.20	13 14.51	
	7.32	*8.99*	*3.77*	*13.54*	*15.77*	*7.00*	*4.34*	
53.0	8 46.44	10 49.56	9 50.73	15 52.29	19 35.92	18 04.24	13 18.87	
	7.25	*8.95*	*3.81*	*13.44*	*15.76*	*7.07*	*4.36*	
54.0	8 53.65	10 58.50	9 54.56	16 05.68	19 51.67	18 11.34	13 23.24	
	7.18	*8.92*	*3.84*	*13.33*	*15.74*	*7.14*	*4.38*	
55.0	9 00.80	11 07.40	9 58.41	16 18.96	20 07.41	18 18.51	13 27.62	
	7.11	*8.89*	*3.87*	*13.22*	*15.73*	*7.20*	*4.39*	
56.0	9 07.87	11 16.28	10 02.31	16 32.12	20 23.13	18 25.74	13 32.02	
	7.04	*8.88*	*3.91*	*13.11*	*15.72*	*7.26*	*4.41*	
57.0	9 14.87	11 25.15	10 06.23	16 45.18	20 38.84	18 33.04	13 36.43	
	6.97	*8.86*	*3.94*	*13.00*	*15.70*	*7.32*	*4.42*	
58.0	9 21.80	11 34.00	10 10.18	16 58.13	20 54.54	18 40.39	13 40.86	
	6.90	*8.84*	*3.97*	*12.90*	*15.69*	*7.38*	*4.43*	
59.0	9 28.66	11 42.84	10 14.16	17 10.97	21 10.22	18 47.79	13 45.29	
	6.82	*8.83*	*4.00*	*12.79*	*15.67*	*7.43*	*4.43*	
60.0	9 35.45	11 51.66	10 18.17	17 23.71	21 25.88	18 55.26	13 49.72	
	6.75	*8.81*	*4.02*	*12.68*	*15.65*	*7.49*	*4.44*	
61.0	9 42.17	12 00.47	10 22.21	17 36.33	21 41.52	19 02.77	13 54.16	
	6.68	*8.80*	*4.05*	*12.57*	*15.62*	*7.54*	*4.44*	
62.0	9 48.81	12 09.26	10 26.27	17 48.84	21 57.13	19 10.33	13 58.61	
	6.61	*8.78*	*4.07*	*12.45*	*15.60*	*7.59*	*4.44*	
63.0	9 55.39	12 18.03	10 30.36	18 01.24	22 12.71	19 17.94	14 03.05	19 17.92
	6.54	*8.76*	*4.10*	*12.34*	*15.57*	*7.63*	*4.45*	*7.59*
64.0	10 01.89	12 26.78	10 34.47	18 13.52	22 28.26	19 25.60		19 25.51
	6.47	*8.74*	*4.12*	*12.23*	*15.53*	*7.68*		*7.59*
65.0	10 08.33	12 35.50	10 38.60	18 25.70	22 43.78	19 33.30		19 33.10
	6.40	*8.71*	*4.14*	*12.12*	*15.50*	*7.72*		*7.59*
66.0	10 14.69	12 44.19	10 42.76	18 37.77	22 59.26	19 41.05		19 40.69
	6.33	*8.68*	*4.17*	*12.01*	*15.46*	*7.76*		*7.58*
67.0	10 20.99	12 52.86	10 46.93	18 49.72	23 14.70	19 48.83		19 48.27
	6.26	*8.65*	*4.19*	*11.90*	*15.43*	*7.80*		*7.58*
68.0	10 27.21	13 01.49	10 51.13	19 01.56	23 30.11	19 56.66		19 55.84
	6.19	*8.62*	*4.20*	*11.78*	*15.39*	*7.84*		*7.57*
69.0	10 33.36	13 10.09	10 55.34	19 13.29	23 45.48	20 04.52		20 03.40
	6.12	*8.59*	*4.22*	*11.67*	*15.35*	*7.88*		*7.56*
70.0	10 39.44	13 18.67	10 59.57	19 24.90	24 00.81	20 12.41		20 10.96
	6.04	*8.56*	*4.24*	*11.56*	*15.31*	*7.91*		*7.55*
71.0	10 45.45	13 27.21	11 03.82	19 36.40	24 16.10	20 20.34		20 18.51
	5.97	*8.53*	*4.26*	*11.44*	*15.27*	*7.95*		*7.54*
72.0	10 51.39	13 35.73	11 08.09	19 47.79	24 31.35	20 28.30		20 26.04
	5.90	*8.50*	*4.27*	*11.33*	*15.23*	*7.98*		*7.52*
73.0	10 57.25	13 44.21	11 12.37	19 59.05	24 46.55	20 36.30		20 33.56
	5.83	*8.47*	*4.29*	*11.21*	*15.19*	*8.01*		*7.51*
74.0	11 03.04	13 52.66	11 16.66	20 10.20	25 01.72	20 44.32		20 41.06
	5.75	*8.44*	*4.30*	*11.09*	*15.14*	*8.04*		*7.49*
75.0	11 08.76	14 01.08	11 20.97	20 21.24	25 16.84	20 52.36		20 48.53
	5.68	*8.40*	*4.31*	*10.98*	*15.10*	*8.06*		*7.45*

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
75.0	11 08.76	14 01.08	11 20.97	20 21.24	25 16.84	20 52.36		20 48.53
	5.68	*8.40*	*4.31*	*10.98*	*15.10*	*8.06*		*7.45*
76.0	11 14.41	14 09.47	11 25.29	20 32.16	25 31.92	21 00.44		20 55.92
	5.61	*8.37*	*4.33*	*10.86*	*15.06*	*8.09*		*7.32*
77.0	11 20.00	14 17.82	11 29.62	20 42.96	25 46.96	21 08.54		21 03.19
	5.54	*8.34*	*4.34*	*10.74*	*15.01*	*8.11*		*7.22*
78.0	11 25.49	14 26.14	11 33.97	20 53.64	26 01.95	21 16.66		21 10.36
	5.47	*8.30*	*4.35*	*10.62*	*14.97*	*8.13*		*7.12*
79.0	11 30.92	14 34.43	11 38.32	21 04.20	26 16.89	21 24.80		21 17.42
	5.40	*8.27*	*4.36*	*10.51*	*14.92*	*8.15*		*7.00*
80.0	11 36.28	14 42.68	11 42.69	21 14.65	26 31.79	21 32.97		21 24.36
	5.32	*8.24*	*4.37*	*10.39*	*14.87*	*8.17*		*6.88*
81.0	11 41.56	14 50.90	11 47.06	21 24.98	26 46.64	21 41.15		21 31.18
	5.24	*8.20*	*4.38*	*10.26*	*14.83*	*8.19*		*6.76*
82.0	11 46.77	14 59.09	11 51.44	21 35.18	27 01.44	21 49.35		21 37.88
	5.17	*8.17*	*4.39*	*10.14*	*14.78*	*8.21*		*6.64*
83.0	11 51.90	15 07.24	11 55.83	21 45.25	27 16.20	21 57.57		21 44.46
	5.09	*8.13*	*4.39*	*10.02*	*14.73*	*8.23*		*6.52*
84.0	11 56.96	15 15.36	12 00.23	21 55.21	27 30.91	22 05.81		21 50.91
	5.01	*8.10*	*4.40*	*9.89*	*14.68*	*8.24*		*6.40*
85.0	12 01.93	15 23.44	12 04.63	22 05.04	27 45.57	22 14.05		21 57.26
	4.94	*8.06*	*4.41*	*9.77*	*14.63*	*8.25*		*6.28*
86.0	12 06.84	15 31.49	12 09.04	22 14.74	28 00.17	22 22.31		22 03.48
	4.87	*8.03*	*4.41*	*9.64*	*14.59*	*8.27*		*6.17*
87.0	12 11.65	15 39.50	12 13.46	22 24.32	28 14.74	22 30.59		22 09.59
	4.75	*7.99*	*4.42*	*9.51*	*14.54*	*8.28*		*6.06*
88.0	12 16.37	15 47.47	12 17.88	22 33.77	28 29.25	22 38.87		22 15.60
	4.70	*7.96*	*4.42*	*9.38*	*14.49*	*8.29*		*5.96*
89.0	12 21.05	15 55.42	12 22.30	22 43.08	28 43.71	22 47.17		22 21.50
	4.67	*7.92*	*4.43*	*9.25*	*14.44*	*8.30*		*5.85*
90.0	12 25.71	16 03.32	12 26.73	22 52.26	28 58.12	22 55.47		22 27.31
	4.64	*7.89*	*4.43*	*9.12*	*14.38*	*8.31*		*5.76*
91.0	12 30.35	16 11.19	12 31.17	23 01.31	29 12.48	23 03.78		22 33.02
	4.63	*7.85*	*4.43*	*8.98*	*14.33*	*8.31*		*5.66*
92.0	12 34.96	16 19.03	12 35.60	23 10.23	29 26.78	23 12.10		22 38.63
	4.61	*7.82*	*4.44*	*8.85*	*14.28*	*8.32*		*5.56*
93.0	12 39.57	16 26.83	12 40.04	23 19.02	29 41.04	23 20.42		22 44.15
	4.60	*7.78*	*4.44*	*8.75*	*14.23*	*8.33*		*5.47*
94.0	12 44.15	16 34.59	12 44.48	23 27.74	29 55.24	23 28.75		22 49.57
	4.58	*7.75*	*4.44*	*8.70*	*14.18*	*8.33*		*5.38*
95.0	12 48.72	16 42.32	12 48.92	23 36.42	30 09.39	23 37.08		22 54.91
	4.55	*7.71*	*4.44*	*8.65*	*14.12*	*8.33*		*5.29*
96.0	12 53.26	16 50.01	12 53.37	23 45.04	30 23.49	23 45.41		23 00.16
	4.53	*7.67*	*4.44*	*8.58*	*14.07*	*8.34*		*5.20*
97.0	12 57.77	16 57.67	12 57.81	23 53.58	30 37.53	23 53.75		23 05.32
	4.50	*7.64*	*4.45*	*8.50*	*14.02*	*8.34*		*5.12*
98.0	13 02.25	17 05.29	13 02.26	24 02.05	30 51.52	24 02.09		23 10.39
	4.47	*7.60*	*4.45*	*8.43*	*13.96*	*8.34*		*5.03*
99.0	13 06.70	17 12.87		24 10.43	31 05.46	24 10.43		23 15.38
	4.45	*7.57*		*8.34*	*13.91*	*8.34*		*4.95*
100.0	13 11.15	17 20.42		24 18.77	31 19.34			23 20.29
	4.45	*7.53*		*8.34*	*13.86*			*4.87*

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
100.0	13 11.15	17 20.42		24 18.77	31 19.34			23 20.29
	4.45	*7.53*		*8.34*	*13.86*			*4.87*
101.0	13 15.59	17 27.93		24 27.11	31 33.17			23 25.13
	4.45	*7.49*		*8.34*	*13.80*			*4.79*
102.0	13 20.04	17 35.41		24 35.45	31 46.94			23 29.88
	4.45	*7.46*		*8.34*	*13.75*			*4.71*
103.0	13 24.48	17 42.85		24 43.80	32 00.66			23 34.55
	4.45	*7.42*		*8.34*	*13.69*			*4.63*
104.0	13 28.93	17 50.25		24 52.14	32 14.32			23 39.14
	4.45	*7.39*		*8.34*	*13.64*			*4.56*
105.0	13 33.38	17 57.62		25 00.48	32 27.94			23 43.66
	4.45	*7.35*		*8.34*	*13.59*			*4.48*
106.0	13 37.82	18 04.96		25 08.82	32 41.50			23 48.11
	4.45	*7.32*		*8.34*	*13.54*			*4.41*
107.0	13 42.27	18 12.26		25 17.16	32 55.01			23 52.48
	4.45	*7.28*		*8.34*	*13.48*			*4.34*
108.0	13 46.71	18 19.52		25 25.50	33 08.46			23 56.79
	4.45	*7.24*		*8.34*	*13.43*			*4.27*
109.0	13 51.16	18 26.74		25 33.84	33 21.87			24 01.02
	4.45	*7.21*		*8.34*	*13.38*			*4.20*
110.0	13 55.60	18 33.93		25 42.18	33 35.22			24 05.19
	4.45	*7.17*		*8.34*	*13.32*			*4.13*
111.0	14 00.05	18 41.09		25 50.52	33 48.51			24 09.28
	4.45	*7.13*		*8.34*	*13.27*			*4.06*
112.0	14 04.50	18 48.20		25 58.86	34 01.75			24 13.31
	4.45	*7.10*		*8.34*	*13.21*			*3.99*
113.0	14 08.94	18 55.28		26 07.20	34 14.93			24 17.27
	4.45	*7.06*		*8.34*	*13.16*			*3.93*
114.0	14 13.39	19 02.33		26 15.54	34 28.06			24 21.16
	4.45	*7.03*		*8.34*	*13.10*			*3.86*
115.0	14 17.83	19 09.34		26 23.88	34 41.13			24 24.98
	4.45	*6.99*		*8.34*	*13.04*			*3.79*
116.0	14 22.28	19 16.31		26 32.22	34 54.15			24 28.74
	4.45	*6.95*		*8.34*	*12.99*			*3.72*
117.0	14 26.72	19 23.25		26 40.56	35 07.11			24 32.43
	4.45	*6.92*		*8.34*	*12.94*			*3.65*
118.0	14 31.17	19 30.15		26 48.90	35 20.02			24 36.05
	4.45	*6.88*		*8.34*	*12.88*			*3.59*
119.0	14 35.62	19 37.01		26 57.25	35 32.88			24 39.60
	4.45	*6.85*		*8.34*	*12.83*			*3.52*
120.0	14 40.06	19 43.84		27 05.59	35 45.67			24 43.09
	4.45	*6.81*		*8.34*	*12.77*			*3.46*
121.0	14 44.51	19 50.63		27 13.93	35 58.42			24 46.51
	4.45	*6.77*		*8.34*	*12.71*			*3.39*
122.0	14 48.95	19 57.38		27 22.27	36 11.10			24 49.87
	4.45	*6.74*		*8.34*	*12.66*			*3.32*
123.0	14 53.40	20 04.10		27 30.61	36 23.73			24 53.16
	4.45	*6.70*		*8.34*	*12.60*			*3.26*
124.0	14 57.84	20 10.79		27 38.95	36 36.31			24 56.38
	4.45	*6.67*		*8.34*	*12.55*			*3.19*

Depth : 600.0 **km**

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
0.0	1 10.07		7 21.62	2 07.17		13 28.61	9 56.57	
1.0	1 11.14		7 21.67	2 09.12		13 28.71	9 56.63	
	2.11		*0.10*	*3.84*		*0.19*	*0.13*	
2.0	1 14.22		7 21.83	2 14.74		13 28.99	9 56.82	
	4.01		*0.20*	*7.32*		*0.37*	*0.26*	
3.0	1 19.07		7 22.08	2 23.60		13 29.45	9 57.15	
	5.64		*0.30*	*10.29*		*0.56*	*0.39*	
4.0	1 25.37		7 22.43	2 35.10		13 30.10	9 57.59	
	6.91		*0.40*	*12.62*		*0.74*	*0.51*	
5.0	1 32.79		7 22.88	2 48.65		13 30.93	9 58.17	
	7.88		*0.50*	*14.40*		*0.92*	*0.64*	
6.0	1 41.05		7 23.43	3 03.74		13 31.95	9 58.88	
	8.60		*0.60*	*15.71*		*1.11*	*0.77*	
7.0	1 49.92		7 24.08	3 19.96		13 33.14	9 59.70	
	9.11		*0.70*	*16.67*		*1.29*	*0.89*	
8.0	1 59.23		7 24.83	3 36.98		13 34.52	10 00.66	
	9.48		*0.80*	*17.34*		*1.47*	*1.02*	
9.0	2 08.84		7 25.67	3 54.56		13 36.08	10 01.74	
	9.73		*0.89*	*17.80*		*1.65*	*1.14*	
10.0	2 18.66		7 26.61	4 12.52		13 37.82	10 02.94	
	9.90		*0.99*	*18.09*		*1.83*	*1.26*	
11.0	2 28.61		7 27.65	4 30.71		13 39.74	10 04.27	
	10.00		*1.09*	*18.27*		*2.01*	*1.38*	
12.0	2 38.64		7 28.79	4 49.03		13 41.83	10 05.71	
	10.05		*1.18*	*18.36*		*2.18*	*1.50*	
13.0	2 48.71		7 30.02	5 07.39		13 44.10	10 07.27	
	10.07		*1.28*	*18.37*		*2.35*	*1.62*	
14.0	2 58.78		7 31.34	5 25.01		13 46.54	10 08.96	
	10.06		*1.37*	*16.58*		*2.53*	*1.74*	
15.0	3 08.06		7 32.75	5 41.55		13 49.15	10 10.75	
	9.19		*1.46*	*16.49*		*2.70*	*1.85*	
16.0	3 17.24		7 34.26	5 57.99		13 51.93	10 12.66	
	9.17		*1.55*	*16.37*		*2.86*	*1.97*	
17.0	3 26.39		7 35.85	6 14.30		13 54.88	10 14.68	
	9.14		*1.64*	*16.26*		*3.03*	*2.08*	
18.0	3 35.51		7 37.54	6 30.50		13 57.99	10 16.82	
	9.10		*1.73*	*16.14*		*3.19*	*2.19*	
19.0	3 44.59		7 39.31	6 46.56		14 01.26	10 19.06	
	9.06		*1.81*	*15.95*		*3.35*	*2.29*	
20.0	3 53.63		7 41.17	7 02.40		14 04.69	10 21.40	
	9.02		*1.90*	*15.81*		*3.51*	*2.40*	
21.0	4 02.62		7 43.11	7 18.19		14 08.28	10 23.85	
	8.96		*1.98*	*15.78*		*3.66*	*2.50*	
22.0	4 11.54		7 45.13	7 33.95		14 12.02	10 26.40	
	8.90		*2.07*	*15.75*		*3.82*	*2.60*	
23.0	4 20.43		7 47.24	7 49.69		14 15.91	10 29.05	
	8.87		*2.15*	*15.72*		*3.97*	*2.70*	
24.0	4 29.28		7 49.43	8 05.40		14 19.95	10 31.80	
	8.84		*2.23*	*15.69*		*4.12*	*2.79*	
25.0	4 38.10		7 51.69	8 21.08		14 24.14	10 34.64	
	8.81		*2.30*	*15.66*		*4.26*	*2.89*	

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
25.0	4 38.10		7 51.69	8 21.08		14 24.14	10 34.64	
	8.81		*2.30*	*15.66*		*4.26*	*2.89*	
26.0	4 46.89		7 54.04	8 36.71		14 28.47	10 37.57	
	8.78		*2.38*	*15.61*		*4.40*	*2.98*	
27.0	4 55.65		7 56.46	8 52.29		14 32.94	10 40.59	
	8.73		*2.46*	*15.55*		*4.54*	*3.06*	
28.0	5 04.36		7 58.95	9 07.81	12 13.27	14 37.55	10 43.69	
	8.68		*2.53*	*15.49*	*16.72*	*4.68*	*3.15*	
29.0	5 13.01	6 52.26	8 01.51	9 23.27	12 30.00	14 42.30	10 46.88	
	8.63	*9.24*	*2.60*	*15.42*	*16.72*	*4.81*	*3.23*	
30.0	5 21.61	7 01.50	8 04.15	9 38.65	12 46.70	14 47.17	10 50.15	
	8.57	*9.24*	*2.67*	*15.34*	*16.71*	*4.94*	*3.31*	
31.0	5 30.15	7 10.73	8 06.86	9 53.95	13 03.40	14 52.18	10 53.50	
	8.51	*9.23*	*2.74*	*15.27*	*16.69*	*5.07*	*3.38*	
32.0	5 38.64	7 20.00	8 09.63	10 09.18	13 20.08	14 57.30	10 56.92	
	8.46	*9.23*	*2.81*	*15.19*	*16.67*	*5.19*	*3.46*	
33.0	5 47.06	7 29.19	8 12.47	10 24.33	13 36.74	15 02.56	11 00.41	
	8.40	*9.22*	*2.87*	*15.11*	*16.65*	*5.31*	*3.53*	
34.0	5 55.43	7 38.41	8 15.37	10 39.40	13 53.38	15 07.93	11 03.98	
	8.34	*9.22*	*2.93*	*15.03*	*16.62*	*5.43*	*3.60*	
35.0	6 03.73	7 47.63	8 18.34	10 54.38	14 10.00	15 13.42	11 07.61	
	8.27	*9.21*	*3.00*	*14.94*	*16.58*	*5.55*	*3.66*	
36.0	6 11.98	7 56.84	8 21.36	11 09.28	14 26.53	15 19.02	11 11.30	
	8.21	*9.20*	*3.06*	*14.85*	*16.53*	*5.66*	*3.73*	
37.0	6 20.16	8 06.03	8 24.45	11 24.09	14 43.04	15 24.73	11 15.06	
	8.15	*9.19*	*3.12*	*14.76*	*16.48*	*5.77*	*3.79*	
38.0	6 28.27	8 15.22	8 27.59	11 38.80	14 59.49	15 30.56	11 18.87	
	8.08	*9.18*	*3.17*	*14.67*	*16.42*	*5.87*	*3.84*	
39.0	6 36.33	8 24.39	8 30.79	11 53.42	15 15.87	15 36.48	11 22.74	
	8.02	*9.17*	*3.23*	*14.58*	*16.35*	*5.98*	*3.90*	
40.0	6 44.31	8 33.55	8 34.05	12 07.95	15 32.19	15 42.51	11 26.66	
	7.95	*9.15*	*3.28*	*14.48*	*16.29*	*6.08*	*3.95*	
41.0	6 52.23	8 42.70	8 37.35	12 22.39	15 48.45	15 48.64	11 30.63	
	7.89	*9.14*	*3.33*	*14.39*	*16.23*	*6.18*	*4.00*	
42.0	7 00.09	8 51.83	8 40.71	12 36.73	16 04.65	15 54.87	11 34.65	
	7.82	*9.12*	*3.38*	*14.29*	*16.17*	*6.27*	*4.04*	
43.0	7 07.88	9 00.94	8 44.12	12 50.97	16 20.78	16 01.19	11 38.72	
	7.75	*9.10*	*3.43*	*14.19*	*16.09*	*6.37*	*4.08*	
44.0	7 15.60	9 10.03	8 47.58	13 05.10	16 36.82	16 07.60	11 42.82	
	7.69	*9.08*	*3.48*	*14.09*	*15.98*	*6.45*	*4.13*	
45.0	7 23.25	9 19.09	8 51.08	13 19.14	16 52.72	16 14.09	11 46.97	
	7.62	*9.06*	*3.53*	*13.99*	*15.84*	*6.54*	*4.16*	
46.0	7 30.84	9 28.14	8 54.63	13 33.08	17 08.54	16 20.68	11 51.15	
	7.55	*9.04*	*3.57*	*13.89*	*15.81*	*6.63*	*4.20*	
47.0	7 38.35	9 37.17	8 58.22	13 46.91	17 24.34	16 27.35	11 55.36	
	7.48	*9.01*	*3.61*	*13.78*	*15.79*	*6.71*	*4.23*	
48.0	7 45.80	9 46.16	9 01.86	14 00.64	17 40.12	16 34.09	11 59.61	
	7.42	*8.98*	*3.66*	*13.68*	*15.78*	*6.79*	*4.26*	
49.0	7 53.19	9 55.12	9 05.54	14 14.27	17 55.89	16 40.92	12 03.88	
	7.35	*8.94*	*3.70*	*13.58*	*15.76*	*6.86*	*4.29*	
50.0	8 00.51	10 04.05	9 09.25	14 27.80	18 11.65	16 47.82	12 08.18	
	7.28	*8.91*	*3.74*	*13.48*	*15.75*	*6.94*	*4.31*	

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
50.0	8 00.51	10 04.05	9 09.25	14 27.80	18 11.65	16 47.82	12 08.18	
	7.28	*8.91*	*3.74*	*13.48*	*15.75*	*6.94*	*4.31*	
51.0	8 07.76	10 12.95	9 13.01	14 41.23	18 27.39	16 54.79	12 12.50	
	7.21	*8.89*	*3.77*	*13.38*	*15.74*	*7.01*	*4.33*	
52.0	8 14.93	10 21.83	9 16.80	14 54.55	18 43.12	17 01.83	12 16.85	
	7.14	*8.87*	*3.81*	*13.27*	*15.72*	*7.08*	*4.35*	
53.0	8 22.05	10 30.70	9 20.63	15 07.77	18 58.84	17 08.94	12 21.21	
	7.08	*8.86*	*3.84*	*13.17*	*15.71*	*7.14*	*4.37*	
54.0	8 29.09	10 39.55	9 24.49	15 20.89	19 14.54	17 16.12	12 25.59	
	7.01	*8.84*	*3.88*	*13.06*	*15.69*	*7.21*	*4.39*	
55.0	8 36.06	10 48.39	9 28.38	15 33.90	19 30.22	17 23.36	12 30.00	
	6.94	*8.83*	*3.91*	*12.96*	*15.68*	*7.27*	*4.40*	
56.0	8 42.97	10 57.21	9 32.31	15 46.80	19 45.89	17 30.66	12 34.40	
	6.87	*8.81*	*3.94*	*12.85*	*15.66*	*7.33*	*4.41*	
57.0	8 49.81	11 06.02	9 36.26	15 59.60	20 01.54	17 38.02	12 38.81	
	6.80	*8.80*	*3.97*	*12.75*	*15.63*	*7.39*	*4.42*	
58.0	8 56.57	11 14.81	9 40.25	16 12.30	20 17.16	17 45.43	12 43.24	
	6.73	*8.78*	*4.00*	*12.64*	*15.61*	*7.44*	*4.43*	
59.0	9 03.27	11 23.58	9 44.26	16 24.88	20 32.75	17 52.90	12 47.68	
	6.67	*8.76*	*4.03*	*12.53*	*15.58*	*7.50*	*4.44*	
60.0	9 09.91	11 32.33	9 48.30	16 37.36	20 48.32	18 00.42	12 52.12	
	6.60	*8.74*	*4.05*	*12.42*	*15.55*	*7.55*	*4.44*	
61.0	9 16.47	11 41.05	9 52.37	16 49.73	21 03.85	18 08.00	12 56.56	18 08.00
	6.53	*8.71*	*4.08*	*12.32*	*15.52*	*7.60*	*4.44*	*7.59*
62.0	9 22.97	11 49.75	9 56.46	17 01.99	21 19.35	18 15.62	13 01.00	18 15.59
	6.46	*8.68*	*4.10*	*12.21*	*15.48*	*7.64*	*4.45*	*7.59*
63.0	9 29.40	11 58.42	10 00.57	17 14.15	21 34.81	18 23.28		18 23.18
	6.39	*8.66*	*4.13*	*12.10*	*15.44*	*7.69*		*7.59*
64.0	9 35.76	12 07.07	10 04.71	17 26.19	21 50.24	18 30.99		18 30.76
	6.33	*8.63*	*4.15*	*11.99*	*15.41*	*7.73*		*7.59*
65.0	9 42.05	12 15.68	10 08.87	17 38.13	22 05.62	18 38.75		18 38.35
	6.26	*8.60*	*4.17*	*11.88*	*15.37*	*7.77*		*7.58*
66.0	9 48.27	12 24.26	10 13.05	17 50.00	22 20.97	18 46.54		18 45.93
	6.19	*8.57*	*4.19*	*11.77*	*15.33*	*7.81*		*7.58*
67.0	9 54.42	12 32.82	10 17.25	18 01.68	22 36.29	18 54.37		18 53.50
	6.12	*8.54*	*4.21*	*11.67*	*15.29*	*7.85*		*7.57*
68.0	10 00.51	12 41.34	10 21.47	18 13.29	22 51.56	19 02.24		19 01.06
	6.05	*8.51*	*4.23*	*11.55*	*15.25*	*7.89*		*7.56*
69.0	10 06.52	12 49.84	10 25.70	18 24.79	23 06.79	19 10.14		19 08.62
	5.98	*8.48*	*4.24*	*11.44*	*15.21*	*7.92*		*7.55*
70.0	10 12.47	12 58.30	10 29.95	18 36.18	23 21.99	19 18.08		19 16.16
	5.91	*8.45*	*4.26*	*11.33*	*15.17*	*7.95*		*7.54*
71.0	10 18.35	13 06.74	10 34.22	18 47.45	23 37.14	19 26.05		19 23.69
	5.84	*8.42*	*4.28*	*11.21*	*15.13*	*7.98*		*7.52*
72.0	10 24.15	13 15.14	10 38.51	18 58.61	23 52.25	19 34.05		19 31.20
	5.77	*8.39*	*4.29*	*11.10*	*15.09*	*8.01*		*7.51*
73.0	10 29.89	13 23.51	10 42.80	19 09.65	24 07.31	19 42.08		19 38.70
	5.70	*8.36*	*4.30*	*10.99*	*15.04*	*8.04*		*7.49*
74.0	10 35.55	13 31.85	10 47.11	19 20.59	24 22.34	19 50.13		19 46.17
	5.63	*8.32*	*4.32*	*10.88*	*15.00*	*8.07*		*7.43*
75.0	10 41.15	13 40.16	10 51.44	19 31.40	24 37.32	19 58.21		19 53.54
	5.56	*8.29*	*4.33*	*10.76*	*14.96*	*8.09*		*7.31*

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
75.0	10 41.15	13 40.16	10 51.44	19 31.40	24 37.32	19 58.21		19 53.54
	5.56	*8.29*	*4.33*	*10.76*	*14.96*	*8.09*		*7.31*
76.0	10 46.67	13 48.43	10 55.77	19 42.11	24 52.25	20 06.32		20 00.80
	5.49	*8.26*	*4.34*	*10.65*	*14.91*	*8.12*		*7.21*
77.0	10 52.13	13 56.68	11 00.12	19 52.70	25 07.14	20 14.45		20 07.96
	5.42	*8.23*	*4.35*	*10.53*	*14.87*	*8.14*		*7.11*
78.0	10 57.52	14 04.88	11 04.48	20 03.17	25 21.98	20 22.60		20 15.01
	5.35	*8.19*	*4.36*	*10.42*	*14.82*	*8.16*		*6.99*
79.0	11 02.83	14 13.06	11 08.84	20 13.53	25 36.77	20 30.77		20 21.94
	5.28	*8.16*	*4.37*	*10.30*	*14.77*	*8.18*		*6.87*
80.0	11 08.07	14 21.20	11 13.22	20 23.77	25 51.52	20 38.96		20 28.76
	5.20	*8.13*	*4.38*	*10.18*	*14.73*	*8.20*		*6.76*
81.0	11 13.24	14 29.31	11 17.60	20 33.88	26 06.23	20 47.16		20 35.46
	5.13	*8.09*	*4.39*	*10.06*	*14.68*	*8.21*		*6.64*
82.0	11 18.33	14 37.39	11 21.99	20 43.88	26 20.88	20 55.39		20 42.03
	5.05	*8.06*	*4.40*	*9.94*	*14.63*	*8.23*		*6.52*
83.0	11 23.34	14 45.43	11 26.39	20 53.76	26 35.49	21 03.62		20 48.49
	4.98	*8.03*	*4.40*	*9.82*	*14.58*	*8.25*		*6.40*
84.0	11 28.29	14 53.44	11 30.80	21 03.52	26 50.04	21 11.88		20 54.84
	4.91	*7.99*	*4.41*	*9.69*	*14.53*	*8.26*		*6.29*
85.0	11 33.16	15 01.42	11 35.21	21 13.15	27 04.55	21 20.14		21 01.07
	4.82	*7.96*	*4.41*	*9.57*	*14.49*	*8.27*		*6.18*
86.0	11 37.92	15 09.36	11 39.63	21 22.65	27 19.01	21 28.42		21 07.19
	4.72	*7.92*	*4.42*	*9.44*	*14.44*	*8.28*		*6.07*
87.0	11 42.63	15 17.26	11 44.05	21 32.03	27 33.43	21 36.70		21 13.21
	4.69	*7.89*	*4.42*	*9.31*	*14.39*	*8.29*		*5.97*
88.0	11 47.30	15 25.13	11 48.48	21 41.28	27 47.79	21 45.00		21 19.12
	4.66	*7.85*	*4.43*	*9.18*	*14.34*	*8.30*		*5.87*
89.0	11 51.95	15 32.97	11 52.91	21 50.40	28 02.10	21 53.30		21 24.94
	4.64	*7.82*	*4.43*	*9.06*	*14.29*	*8.31*		*5.77*
90.0	11 56.58	15 40.77	11 57.34	21 59.39	28 16.36	22 01.62		21 30.66
	4.62	*7.78*	*4.44*	*8.93*	*14.23*	*8.32*		*5.67*
91.0	12 01.19	15 48.53	12 01.78	22 08.25	28 30.57	22 09.94		21 36.29
	4.61	*7.75*	*4.44*	*8.80*	*14.18*	*8.32*		*5.58*
92.0	12 05.79	15 56.27	12 06.22	22 17.01	28 44.72	22 18.26		21 41.82
	4.59	*7.71*	*4.44*	*8.73*	*14.13*	*8.33*		*5.49*
93.0	12 10.37	16 03.96	12 10.66	22 25.71	28 58.83	22 26.59		21 47.27
	4.57	*7.68*	*4.44*	*8.68*	*14.08*	*8.33*		*5.40*
94.0	12 14.93	16 11.63	12 15.10	22 34.37	29 12.88	22 34.92		21 52.62
	4.54	*7.64*	*4.44*	*8.63*	*14.03*	*8.34*		*5.31*
95.0	12 19.46	16 19.25	12 19.54	22 42.96	29 26.88	22 43.26		21 57.89
	4.52	*7.61*	*4.44*	*8.55*	*13.97*	*8.34*		*5.22*
96.0	12 23.96	16 26.84	12 23.99	22 51.48	29 40.82	22 51.60		22 03.07
	4.49	*7.57*	*4.45*	*8.48*	*13.92*	*8.34*		*5.14*
97.0	12 28.43	16 34.40	12 28.43	22 59.92	29 54.72	22 59.94		22 08.16
	4.46	*7.54*	*4.45*	*8.40*	*13.87*	*8.34*		*5.05*
98.0	12 32.88	16 41.92		23 08.28	30 08.56			22 13.18
	4.45	*7.50*		*8.34*	*13.81*			*4.97*
99.0	12 37.33	16 49.41		23 16.62	30 22.35			22 18.11
	4.45	*7.47*		*8.34*	*13.76*			*4.89*
100.0	12 41.77	16 56.86		23 24.96	30 36.08			22 22.96
	4.45	*7.43*		*8.34*	*13.71*			*4.81*

Delta	P	PP	PcP	S	SS	ScS	ScP	SKSac
	m s	m s	m s	m s	m s	m s	m s	m s
100.0	12 41.77	16 56.86		23 24.96	30 36.08			22 22.96
	4.45	*7.43*		*8.34*	*13.71*			*4.81*
101.0	12 46.22	17 04.28		23 33.30	30 49.76			22 27.74
	4.45	*7.40*		*8.34*	*13.66*			*4.74*
102.0	12 50.66	17 11.66		23 41.64	31 03.39			22 32.44
	4.45	*7.37*		*8.34*	*13.60*			*4.66*
103.0	12 55.11	17 19.01		23 50.00	31 16.97			22 37.05
	4.45	*7.33*		*8.34*	*13.55*			*4.58*
104.0	12 59.55	17 26.32		23 58.32	31 30.50			22 41.60
	4.45	*7.30*		*8.34*	*13.50*			*4.51*
105.0	13 04.00	17 33.60		24 06.66	31 43.98			22 46.07
	4.45	*7.26*		*8.34*	*13.45*			*4.43*
106.0	13 08.45	17 40.84		24 15.00	31 57.40			22 50.47
	4.45	*7.22*		*8.34*	*13.40*			*4.36*
107.0	13 12.89	17 48.05		24 23.35	32 10.78			22 54.80
	4.45	*7.19*		*8.34*	*13.35*			*4.30*
108.0	13 17.34	17 55.22		24 31.69	32 24.09			22 59.06
	4.45	*7.15*		*8.34*	*13.29*			*4.23*
109.0	13 21.78	18 02.35		24 40.03	32 37.36			23 03.25
	4.45	*7.12*		*8.34*	*13.24*			*4.16*
110.0	13 26.23	18 09.45		24 48.37	32 50.57			23 07.37
	4.45	*7.08*		*8.34*	*13.18*			*4.09*
111.0	13 30.67	18 16.51		24 56.71	33 03.72			23 11.43
	4.45	*7.05*		*8.34*	*13.13*			*4.02*
112.0	13 35.12	18 23.54		25 05.05	33 16.83			23 15.42
	4.45	*7.01*		*8.34*	*13.07*			*3.95*
113.0	13 39.57	18 30.54		25 13.39	33 29.87			23 19.34
	4.45	*6.98*		*8.34*	*13.02*			*3.89*
114.0	13 44.01	18 37.50		25 21.73	33 42.86			23 23.19
	4.45	*6.94*		*8.34*	*12.97*			*3.82*
115.0	13 48.46	18 44.42		25 30.07	33 55.80			23 26.98
	4.45	*6.91*		*8.34*	*12.91*			*3.75*
116.0	13 52.90	18 51.31		25 38.41	34 08.69			23 30.69
	4.45	*6.87*		*8.34*	*12.86*			*3.68*
117.0	13 57.35	18 58.16		25 46.75	34 21.52			23 34.35
	4.45	*6.83*		*8.34*	*12.80*			*3.62*
118.0	14 01.79	19 04.98		25 55.09	34 34.30			23 37.93
	4.45	*6.80*		*8.34*	*12.75*			*3.55*
119.0	14 06.24	19 11.76		26 03.43	34 47.02			23 41.45
	4.45	*6.76*		*8.34*	*12.70*			*3.49*
120.0	14 10.68	19 18.51		26 11.77	34 59.69			23 44.91
	4.45	*6.73*		*8.34*	*12.64*			*3.42*
121.0	14 15.13	19 25.22		26 20.11	35 12.30			23 48.29
	4.45	*6.69*		*8.34*	*12.58*			*3.36*
122.0	14 19.58	19 31.89		26 28.45	35 24.86			23 51.62
	4.45	*6.66*		*8.34*	*12.53*			*3.29*
123.0	14 24.02	19 38.53		26 36.80	35 37.36			23 54.88
	4.45	*6.62*		*8.34*	*12.47*			*3.22*
124.0	14 28.47	19 45.14		26 45.14	35 49.81			23 58.07
	4.45	*6.59*		*8.34*	*12.42*			*3.16*

ak135

Depth : 0.0 **km**

Delta	PKPab	PKPbc	PKPdf	PP	SKSac	SKSdf	SKP	SS
	m s	m s	m s	m s	m s	m s	m s	m s
110.0				19 06.17	25 12.34	25 46.67		34 32.34
				7.23	*4.16*	*1.92*		*13.42*
111.0				19 13.38	25 16.47	25 48.59	22 11.90	34 45.74
				7.20	*4.09*	*1.92*	*1.92*	*13.37*
112.0				19 20.56	25 20.53	25 50.51	22 13.83	34 59.08
				7.16	*4.02*	*1.92*	*1.92*	*13.31*
113.0				19 27.70	25 24.52	25 52.43	22 15.75	35 12.36
				7.12	*3.96*	*1.92*	*1.92*	*13.26*
114.0				19 34.81	25 28.44	25 54.35	22 17.68	35 25.59
				7.09	*3.89*	*1.92*	*1.92*	*13.20*
115.0				19 41.88	25 32.30	25 56.26	22 19.60	35 38.76
				7.05	*3.82*	*1.91*	*1.92*	*13.14*
116.0			18 44.84	19 48.91	25 36.08	25 58.18	22 21.52	35 51.87
			1.92	*7.02*	*3.75*	*1.91*	*1.92*	*13.09*
117.0			18 46.76	19 55.91	25 39.80	26 00.09	22 23.44	36 04.93
			1.92	*6.98*	*3.68*	*1.91*	*1.92*	*13.03*
118.0			18 48.68	20 02.87	25 43.44	26 01.99	22 25.36	36 17.93
			1.92	*6.94*	*3.61*	*1.91*	*1.92*	*12.98*
119.0			18 50.61	20 09.79	25 47.02	26 03.90	22 27.28	36 30.88
			1.92	*6.91*	*3.55*	*1.90*	*1.92*	*12.92*
120.0			18 52.53	20 16.68	25 50.54	26 05.80	22 29.19	36 43.77
			1.92	*6.87*	*3.48*	*1.90*	*1.91*	*12.87*
121.0			18 54.45	20 23.53	25 53.99	26 07.70	22 31.11	36 56.61
			1.92	*6.83*	*3.42*	*1.89*	*1.91*	*12.81*
122.0			18 56.37	20 30.35	25 57.37	26 09.59	22 33.02	37 09.39
			1.92	*6.80*	*3.35*	*1.89*	*1.91*	*12.75*
123.0			18 58.29	20 37.12	26 00.68	26 11.47	22 34.93	37 22.12
			1.92	*6.76*	*3.28*	*1.88*	*1.91*	*12.70*
124.0			19 00.21	20 43.86	26 03.93	26 13.35	22 36.83	37 34.79
			1.92	*6.72*	*3.21*	*1.88*	*1.90*	*12.64*
125.0			19 02.13	20 50.57	26 07.11	26 15.23	22 38.73	37 47.40
			1.91	*6.69*	*3.15*	*1.87*	*1.90*	*12.58*
126.0			19 04.04	20 57.24	26 10.23	26 17.09	22 40.63	37 59.95
			1.91	*6.65*	*3.08*	*1.86*	*1.89*	*12.53*
127.0			19 05.95	21 03.87	26 13.28	26 18.95	22 42.52	38 12.45
			1.91	*6.61*	*3.02*	*1.85*	*1.89*	*12.47*
128.0			19 07.86	21 10.46	26 16.26	26 20.80	22 44.41	38 24.89
			1.91	*6.58*	*2.95*	*1.84*	*1.88*	*12.41*
129.0			19 09.76	21 17.03	26 19.18	26 22.64	22 46.29	38 37.28
			1.90	*6.54*	*2.89*	*1.83*	*1.88*	*12.36*
130.0			19 11.67	21 23.55	26 22.03	26 24.47	22 48.16	38 49.61
			1.90	*6.51*	*2.82*	*1.82*	*1.87*	*12.30*
131.0			19 13.56	21 30.04	26 24.82	26 26.28	22 39.12	39 01.88
			1.89	*6.47*	*2.75*	*1.81*	*3.72*	*12.24*
132.0			19 15.45	21 36.49	26 27.54	26 28.09	22 42.75	39 14.09
			1.89	*6.44*	*2.69*	*1.80*	*3.55*	*12.19*
133.0			19 17.34	21 42.91	26 30.19	26 29.87	22 46.23	39 26.25
			1.88	*6.40*	*2.62*	*1.78*	*3.42*	*12.13*
134.0			19 19.22	21 49.29	26 32.78	26 31.65	22 49.58	39 38.35
			1.88	*6.36*	*2.56*	*1.76*	*3.29*	*12.07*
135.0			19 21.09	21 55.63	26 35.31	26 33.40	22 52.82	39 50.40
			1.87	*6.33*	*2.50*	*1.75*	*3.18*	*12.02*

Delta	PKPab	PKPbc	PKPdf	PP	SKSac	SKSdf	SKP	SS
	m s	m s	m s	m s	m s	m s	m s	m s
135.0			19 21.09	21 55.63	26 35.31	26 33.40	22 52.82	39 50.40
			1.87	*6.33*	*2.50*	*1.75*	*3.18*	*12.02*
136.0			19 22.96	22 01.94	26 37.77	26 35.14	22 55.94	40 02.39
			1.86	*6.29*	*2.44*	*1.73*	*3.07*	*11.96*
137.0			19 24.81	22 08.21	26 40.19	26 36.86	22 58.96	40 14.32
			1.85	*6.25*	*2.39*	*1.71*	*2.97*	*11.90*
138.0			19 26.66	22 14.45	26 42.55	26 38.55	23 01.89	40 26.19
			1.84	*6.22*	*2.34*	*1.68*	*2.87*	*11.84*
139.0			19 28.49	22 20.65	26 44.86	26 40.23	23 04.55	40 38.01
			1.83	*6.18*	*2.29*	*1.66*	*1.76*	*11.79*
140.0			19 30.31	22 26.81	26 47.13	26 41.87	23 06.30	40 49.76
			1.82	*6.14*	*2.24*	*1.64*	*1.74*	*11.73*
141.0			19 32.12	22 32.94	26 49.35	26 43.49	23 08.02	41 01.46
			1.80	*6.11*	*2.20*	*1.61*	*1.72*	*11.67*
142.0			19 33.92	22 39.03	26 51.53	26 45.09	23 09.73	41 13.11
			1.79	*6.07*	*2.16*	*1.58*	*1.69*	*11.61*
143.0			19 35.69	22 45.08	26 53.68	26 46.65	23 11.41	41 24.69
			1.77	*6.04*	*2.12*	*1.54*	*1.67*	*11.56*
144.0			19 37.45	22 51.10	26 55.78	26 48.17	23 13.06	41 36.22
			1.75	*6.00*	*2.08*	*1.51*	*1.64*	*11.50*
145.0	19 38.47	19 38.47	19 39.19	22 57.08		26 49.67	23 14.69	41 47.69
	3.52	*3.43*	*1.73*	*5.96*		*1.48*	*1.61*	*11.44*
146.0	19 42.17	19 41.65	19 40.90	23 03.03		26 51.13	23 16.28	41 59.10
	3.80	*3.04*	*1.70*	*5.93*		*1.44*	*1.58*	*11.38*
147.0	19 46.03	19 44.59	19 42.59	23 08.93		26 52.56	23 17.84	42 10.45
	3.91	*2.84*	*1.68*	*5.89*		*1.41*	*1.54*	*11.32*
148.0	19 50.00	19 47.33	19 44.25	23 14.80		26 53.95	23 19.36	42 21.74
	3.99	*2.67*	*1.65*	*5.85*		*1.37*	*1.50*	*11.26*
149.0	19 54.01	19 49.93	19 45.88	23 20.64		26 55.31	23 20.85	42 32.96
	4.06	*2.53*	*1.61*	*5.81*		*1.34*	*1.47*	*11.20*
150.0	19 58.09	19 52.40	19 47.48	23 26.43		26 56.62	23 22.30	42 44.13
	4.11	*2.42*	*1.58*	*5.78*		*1.30*	*1.43*	*11.14*
151.0	20 02.22	19 54.78	19 49.04	23 32.19		26 57.91	23 23.71	42 55.24
	4.15	*2.34*	*1.54*	*5.74*		*1.26*	*1.39*	*11.08*
152.0	20 06.39	19 57.08	19 50.55	23 37.91		26 59.15	23 25.08	43 06.30
	4.18	*2.27*	*1.50*	*5.70*		*1.22*	*1.35*	*11.02*
153.0	20 10.59	19 59.32	19 52.03	23 43.60		27 00.35	23 26.42	43 17.29
	4.22	*2.20*	*1.46*	*5.67*		*1.18*	*1.31*	*10.96*
154.0	20 14.82	20 01.49	19 53.47	23 49.24		27 01.51	23 27.71	43 28.22
	4.24	*2.15*	*1.41*	*5.63*		*1.14*	*1.27*	*10.90*
155.0	20 19.08	20 03.62	19 54.86	23 54.86		27 02.64	23 28.95	43 39.10
	4.27	*2.10*	*1.37*	*5.59*		*1.10*	*1.22*	*10.84*
156.0	20 23.36		19 56.20	24 00.43		27 03.72	23 30.15	43 49.91
	4.29		*1.32*	*5.56*		*1.06*	*1.18*	*10.78*
157.0	20 27.66		19 57.50	24 05.97		27 04.76	23 31.31	44 00.66
	4.31		*1.28*	*5.52*		*1.02*	*1.13*	*10.72*
158.0	20 31.98		19 58.75	24 11.48		27 05.76	23 32.42	44 11.35
	4.33		*1.23*	*5.49*		*0.98*	*1.09*	*10.66*
159.0	20 36.31		19 59.96	24 16.94		27 06.71	23 33.49	44 21.99
	4.34		*1.18*	*5.45*		*0.94*	*1.04*	*10.60*
160.0	20 40.66		20 01.11	24 22.37		27 07.63	23 34.51	44 32.56
	4.36		*1.12*	*5.41*		*0.89*	*1.00*	*10.55*

Delta	PKPab	PKPbc	PKPdf	PP	SKSac	SKSdf	SKP	SS
	m s	m s	m s	m s	m s	m s	m s	m s
160.0	20 40.66		20 01.11	24 22.37		27 07.63	23 34.51	44 32.56
	4.36		*1.12*	*5.41*		*0.89*	*1.00*	*10.55*
161.0	20 45.02		20 02.20	24 27.76		27 08.50	23 35.48	44 43.08
	4.37		*1.07*	*5.37*		*0.85*	*0.95*	*10.49*
162.0	20 49.39		20 03.25	24 33.12		27 09.33	23 36.41	44 53.53
	4.38		*1.02*	*5.33*		*0.81*	*0.90*	*10.43*
163.0	20 53.78		20 04.24	24 38.43		27 10.11	23 37.28	45 03.93
	4.39		*0.97*	*5.29*		*0.76*	*0.85*	*10.36*
164.0	20 58.17		20 05.18	24 43.71		27 10.85	23 38.11	45 14.26
	4.40		*0.91*	*5.26*		*0.72*	*0.80*	*10.30*
165.0	21 02.57		20 06.06	24 48.95		27 11.55	23 38.89	45 24.52
	4.40		*0.86*	*5.22*		*0.67*	*0.75*	*10.23*
166.0	21 06.98		20 06.89	24 54.15		27 12.20	23 39.62	45 34.72
	4.41		*0.80*	*5.18*		*0.63*	*0.71*	*10.17*
167.0	21 11.39		20 07.66	24 59.31		27 12.81	23 40.30	45 44.86
	4.42		*0.74*	*5.14*		*0.59*	*0.66*	*10.11*
168.0	21 15.81		20 08.38	25 04.43		27 13.37	23 40.93	45 54.94
	4.42		*0.69*	*5.10*		*0.54*	*0.61*	*10.05*
169.0	21 20.24		20 09.04	25 09.52		27 13.89	23 41.51	46 04.96
	4.43		*0.63*	*5.06*		*0.50*	*0.56*	*9.98*
170.0	21 24.67		20 09.64	25 14.56		27 14.36	23 42.04	46 14.91
	4.43		*0.58*	*5.02*		*0.45*	*0.51*	*9.92*
171.0	21 29.10		20 10.19	25 19.56		27 14.79	23 42.52	46 24.80
	4.44		*0.52*	*4.98*		*0.41*	*0.46*	*9.86*
172.0	21 33.54		20 10.68	25 24.53		27 15.17	23 42.95	46 34.63
	4.44		*0.46*	*4.95*		*0.36*	*0.41*	*9.79*
173.0	21 37.98		20 11.11	25 29.46		27 15.51	23 43.33	46 44.39
	4.44		*0.40*	*4.91*		*0.32*	*0.35*	*9.73*
174.0	21 42.42		20 11.49	25 34.35		27 15.81	23 43.66	46 54.09
	4.44		*0.35*	*4.87*		*0.27*	*0.30*	*9.67*
175.0	21 46.86		20 11.81	25 39.20		27 16.06	23 43.94	47 03.72
	4.44		*0.29*	*4.82*		*0.23*	*0.25*	*9.60*
176.0	21 51.31		20 12.07	25 43.98		27 16.26	23 44.17	47 13.29
	4.44		*0.23*	*4.75*		*0.18*	*0.20*	*9.53*
177.0	21 55.75		20 12.27	25 48.72		27 16.42	23 44.35	47 22.79
	4.45		*0.17*	*4.72*		*0.14*	*0.15*	*9.47*
178.0	22 00.20		20 12.41	25 53.43		27 16.53	23 44.47	47 32.22
	4.45		*0.12*	*4.70*		*0.09*	*0.10*	*9.40*
179.0			20 12.50	25 58.12		27 16.60	23 44.55	47 41.59
			0.06	*4.68*		*0.05*	*0.05*	*9.33*
180.0			20 12.53	26 02.80		27 16.62	23 44.57	47 50.89
				4.67				*9.27*

Depth : 100.0 **km**

Delta	PKPab	PKPbc	PKPdf	PP	SKSac	SKSdf	SKP	SS
	m s	m s	m s	m s	m s	m s	m s	m s
110.0				18 54.02	24 48.48	25 22.57		34 11.52
				7.22	*4.15*	*1.92*		*13.39*
111.0				19 01.22	24 52.60	25 24.49	21 47.81	34 24.88
				7.18	*4.08*	*1.92*	*1.92*	*13.34*
112.0				19 08.38	24 56.65	25 26.41	21 49.73	34 38.19
				7.14	*4.02*	*1.92*	*1.92*	*13.28*
113.0				19 15.50	25 00.63	25 28.33	21 51.66	34 51.44
				7.11	*3.95*	*1.92*	*1.92*	*13.23*
114.0				19 22.59	25 04.54	25 30.25	21 53.58	35 04.64
				7.07	*3.88*	*1.92*	*1.92*	*13.17*
115.0				19 29.64	25 08.39	25 32.16	21 55.50	35 17.78
				7.03	*3.81*	*1.91*	*1.92*	*13.11*
116.0			18 31.11	19 36.66	25 12.16	25 34.08	21 57.42	35 30.87
			1.92	*7.00*	*3.74*	*1.91*	*1.92*	*13.06*
117.0			18 33.04	19 43.64	25 15.87	25 35.99	21 59.34	35 43.90
			1.92	*6.96*	*3.67*	*1.91*	*1.92*	*13.00*
118.0			18 34.96	19 50.58	25 19.51	25 37.90	22 01.26	35 56.87
			1.92	*6.92*	*3.61*	*1.91*	*1.92*	*12.95*
119.0			18 36.88	19 57.49	25 23.08	25 39.80	22 03.18	36 09.79
			1.92	*6.89*	*3.54*	*1.90*	*1.92*	*12.89*
120.0			18 38.81	20 04.36	25 26.59	25 41.70	22 05.10	36 22.66
			1.92	*6.85*	*3.47*	*1.90*	*1.91*	*12.84*
121.0			18 40.73	20 11.19	25 30.03	25 43.60	22 07.01	36 35.47
			1.92	*6.81*	*3.41*	*1.89*	*1.91*	*12.78*
122.0			18 42.65	20 17.99	25 33.40	25 45.49	22 08.92	36 48.22
			1.92	*6.78*	*3.34*	*1.89*	*1.91*	*12.73*
123.0			18 44.57	20 24.75	25 36.71	25 47.37	22 10.83	37 00.92
			1.92	*6.74*	*3.27*	*1.88*	*1.91*	*12.67*
124.0			18 46.49	20 31.47	25 39.95	25 49.25	22 12.73	37 13.56
			1.92	*6.71*	*3.21*	*1.88*	*1.90*	*12.61*
125.0			18 48.40	20 38.16	25 43.12	25 51.13	22 14.63	37 26.14
			1.91	*6.67*	*3.14*	*1.87*	*1.90*	*12.56*
126.0			18 50.32	20 44.81	25 46.23	25 52.99	22 16.53	37 38.67
			1.91	*6.63*	*3.08*	*1.86*	*1.89*	*12.50*
127.0			18 52.23	20 51.43	25 49.27	25 54.85	22 18.42	37 51.14
			1.91	*6.60*	*3.01*	*1.85*	*1.89*	*12.44*
128.0			18 54.13	20 58.01	25 52.25	25 56.70	22 20.31	38 03.55
			1.91	*6.56*	*2.94*	*1.84*	*1.88*	*12.39*
129.0			18 56.04	21 04.55	25 55.16	25 58.54	22 22.19	38 15.91
			1.90	*6.53*	*2.88*	*1.83*	*1.88*	*12.33*
130.0			18 57.94	21 11.06	25 58.01	26 00.36	22 24.06	38 28.21
			1.90	*6.49*	*2.81*	*1.82*	*1.87*	*12.27*
131.0			18 59.83	21 17.54	26 00.79	26 02.18	22 15.20	38 40.46
			1.89	*6.46*	*2.75*	*1.81*	*3.69*	*12.22*
132.0			19 01.72	21 23.97	26 03.50	26 03.98	22 18.80	38 52.64
			1.89	*6.42*	*2.68*	*1.79*	*3.53*	*12.16*
133.0			19 03.61	21 30.38	26 06.15	26 05.77	22 22.27	39 04.77
			1.88	*6.38*	*2.61*	*1.78*	*3.40*	*12.10*
134.0			19 05.49	21 36.74	26 08.73	26 07.54	22 25.61	39 16.85
			1.88	*6.35*	*2.55*	*1.76*	*3.28*	*12.05*
135.0			19 07.36	21 43.07	26 11.25	26 09.29	22 28.83	39 28.87
			1.87	*6.31*	*2.49*	*1.75*	*3.17*	*11.99*

Delta	PKPab	PKPbc	PKPdf	PP	SKSac	SKSdf	SKP	SS
	m s	m s	m s	m s	m s	m s	m s	m s
135.0			19 07.36	21 43.07	26 11.25	26 09.29	22 28.83	39 28.87
			1.87	*6.31*	*2.49*	*1.75*	*3.17*	*11.99*
136.0			19 09.22	21 49.36	26 13.71	26 11.03	22 31.94	39 40.83
			1.86	*6.27*	*2.43*	*1.73*	*3.06*	*11.93*
137.0			19 11.08	21 55.62	26 16.12	26 12.75	22 34.95	39 52.73
			1.85	*6.24*	*2.38*	*1.71*	*2.96*	*11.88*
138.0			19 12.92	22 01.84	26 18.48	26 14.44	22 37.87	40 04.58
			1.84	*6.20*	*2.33*	*1.68*	*2.86*	*11.82*
139.0			19 14.76	22 08.02	26 20.79	26 16.11	22 40.44	40 16.37
			1.83	*6.17*	*2.29*	*1.66*	*1.76*	*11.76*
140.0			19 16.58	22 14.17	26 23.06	26 17.76	22 42.19	40 28.10
			1.81	*6.13*	*2.24*	*1.63*	*1.74*	*11.70*
141.0			19 18.38	22 20.28	26 25.27	26 19.38	22 43.91	40 39.78
			1.80	*6.09*	*2.20*	*1.61*	*1.71*	*11.65*
142.0			19 20.18	22 26.36	26 27.45	26 20.97	22 45.62	40 51.39
			1.78	*6.06*	*2.16*	*1.57*	*1.69*	*11.59*
143.0			19 21.95	22 32.40	26 29.59	26 22.53	22 47.30	41 02.95
			1.77	*6.02*	*2.12*	*1.54*	*1.67*	*11.53*
144.0			19 23.71	22 38.40	26 31.69	26 24.05	22 48.95	41 14.45
			1.75	*5.99*	*2.08*	*1.51*	*1.64*	*11.47*
145.0	19 25.03	19 24.98	19 25.44	22 44.37		26 25.54	22 50.57	41 25.90
	3.64	*3.27*	*1.72*	*5.95*		*1.48*	*1.61*	*11.41*
146.0	19 28.78	19 28.09	19 27.15	22 50.30		26 27.00	22 52.16	41 37.28
	3.83	*3.00*	*1.70*	*5.91*		*1.44*	*1.57*	*11.35*
147.0	19 32.67	19 30.99	19 28.84	22 56.19		26 28.43	22 53.72	41 48.60
	3.93	*2.80*	*1.67*	*5.87*		*1.41*	*1.54*	*11.29*
148.0	19 36.64	19 33.71	19 30.50	23 02.05		26 29.82	22 55.24	41 59.87
	4.01	*2.64*	*1.64*	*5.84*		*1.37*	*1.50*	*11.23*
149.0	19 40.69	19 36.28	19 32.12	23 07.87		26 31.18	22 56.73	42 11.07
	4.07	*2.51*	*1.61*	*5.80*		*1.34*	*1.47*	*11.17*
150.0	19 44.78	19 38.74	19 33.72	23 13.65		26 32.49	22 58.17	42 22.21
	4.12	*2.41*	*1.57*	*5.76*		*1.30*	*1.43*	*11.11*
151.0	19 48.92	19 41.11	19 35.27	23 19.39		26 33.77	22 59.58	42 33.30
	4.16	*2.33*	*1.53*	*5.73*		*1.26*	*1.39*	*11.06*
152.0	19 53.10	19 43.40	19 36.78	23 25.10		26 35.01	23 00.96	42 44.33
	4.19	*2.26*	*1.49*	*5.69*		*1.22*	*1.35*	*11.00*
153.0	19 57.31	19 45.63	19 38.26	23 30.77		26 36.21	23 02.28	42 55.29
	4.22	*2.20*	*1.45*	*5.65*		*1.18*	*1.31*	*10.94*
154.0	20 01.54	19 47.80	19 39.69	23 36.40		26 37.38	23 03.57	43 06.20
	4.25	*2.14*	*1.41*	*5.62*		*1.14*	*1.27*	*10.88*
155.0	20 05.81	19 49.91	19 41.08	23 42.00		26 38.50	23 04.82	43 17.05
	4.27	*2.09*	*1.37*	*5.58*		*1.10*	*1.22*	*10.82*
156.0	20 10.09		19 42.42	23 47.57		26 39.58	23 06.02	43 27.84
	4.30		*1.32*	*5.54*		*1.06*	*1.18*	*10.76*
157.0	20 14.40		19 43.72	23 53.09		26 40.62	23 07.17	43 38.57
	4.31		*1.27*	*5.51*		*1.02*	*1.13*	*10.70*
158.0	20 18.72		19 44.96	23 58.58		26 41.61	23 08.28	43 49.24
	4.33		*1.22*	*5.47*		*0.98*	*1.09*	*10.64*
159.0	20 23.06		19 46.16	24 04.04		26 42.57	23 09.35	43 59.85
	4.35		*1.17*	*5.43*		*0.93*	*1.04*	*10.58*
160.0	20 27.41		19 47.31	24 09.45		26 43.48	23 10.36	44 10.40
	4.36		*1.12*	*5.40*		*0.89*	*0.99*	*10.52*

Delta	PKPab	PKPbc	PKPdf	PP	SKSac	SKSdf	SKP	SS
	m s	m s	m s	m s	m s	m s	m s	m s
160.0	20 27.41		19 47.31	24 09.45		26 43.48	23 10.36	44 10.40
	4.36		*1.12*	*5.40*		*0.89*	*0.99*	*10.52*
161.0	20 31.78		19 48.40	24 14.83		26 44.35	23 11.34	44 20.89
	4.37		*1.07*	*5.36*		*0.85*	*0.95*	*10.46*
162.0	20 36.15		19 49.44	24 20.17		26 45.18	23 12.26	44 31.32
	4.38		*1.02*	*5.32*		*0.80*	*0.90*	*10.40*
163.0	20 40.54		19 50.43	24 25.47		26 45.96	23 13.13	44 41.69
	4.39		*0.96*	*5.28*		*0.76*	*0.85*	*10.34*
164.0	20 44.93		19 51.37	24 30.73		26 46.70	23 13.96	44 52.00
	4.40		*0.91*	*5.24*		*0.72*	*0.80*	*10.27*
165.0	20 49.34		19 52.25	24 35.96		26 47.39	23 14.74	45 02.24
	4.41		*0.85*	*5.21*		*0.67*	*0.75*	*10.21*
166.0	20 53.75		19 53.07	24 41.15		26 48.04	23 15.47	45 12.41
	4.41		*0.80*	*5.17*		*0.63*	*0.70*	*10.15*
167.0	20 58.16		19 53.84	24 46.30		26 48.65	23 16.14	45 22.53
	4.42		*0.74*	*5.13*		*0.58*	*0.65*	*10.08*
168.0	21 02.59		19 54.56	24 51.41		26 49.21	23 16.77	45 32.58
	4.42		*0.69*	*5.09*		*0.54*	*0.60*	*10.02*
169.0	21 07.01		19 55.22	24 56.48		26 49.73	23 17.35	45 42.58
	4.43		*0.63*	*5.05*		*0.50*	*0.55*	*9.96*
170.0	21 11.44		19 55.82	25 01.51		26 50.20	23 17.88	45 52.51
	4.43		*0.57*	*5.01*		*0.45*	*0.50*	*9.90*
171.0	21 15.88		19 56.36	25 06.50		26 50.63	23 18.36	46 02.37
	4.44		*0.52*	*4.97*		*0.41*	*0.45*	*9.84*
172.0	21 20.31		19 56.85	25 11.45		26 51.02	23 18.79	46 12.18
	4.44		*0.46*	*4.94*		*0.36*	*0.40*	*9.77*
173.0	21 24.75		19 57.28	25 16.37		26 51.35	23 19.17	46 21.91
	4.44		*0.40*	*4.90*		*0.32*	*0.35*	*9.71*
174.0	21 29.20		19 57.65	25 21.25		26 51.65	23 19.50	46 31.59
	4.44		*0.35*	*4.86*		*0.27*	*0.30*	*9.64*
175.0	21 33.64		19 57.97	25 26.09		26 51.90	23 19.78	46 41.20
	4.44		*0.29*	*4.80*		*0.23*	*0.25*	*9.58*
176.0	21 38.08		19 58.23	25 30.85		26 52.10	23 20.01	46 50.74
	4.45		*0.23*	*4.74*		*0.18*	*0.20*	*9.51*
177.0	21 42.53		19 58.43	25 35.57		26 52.26	23 20.19	47 00.22
	4.45		*0.17*	*4.71*		*0.14*	*0.15*	*9.44*
178.0			19 58.58	25 40.28		26 52.37	23 20.31	47 09.63
			0.12	*4.70*		*0.09*	*0.10*	*9.38*
179.0			19 58.66	25 44.96		26 52.44	23 20.39	47 18.98
			0.06	*4.68*		*0.05*	*0.05*	*9.31*
180.0			19 58.69	25 49.64		26 52.46	23 20.41	47 28.25
				4.67				*9.24*

Depth : 300.0 **km**

Delta	PKPab	PKPbc	PKPdf	PP	SKSac	SKSdf	SKP	SS
	m s	m s	m s	m s	m s	m s	m s	m s
110.0				18 33.93	24 05.19	24 38.74	21 02.06	33 35.22
				7.17	*4.13*	*1.92*	*1.92*	*13.32*
111.0				18 41.09	24 09.28	24 40.66	21 03.98	33 48.51
				7.13	*4.06*	*1.92*	*1.92*	*13.27*
112.0				18 48.20	24 13.31	24 42.58	21 05.91	34 01.75
				7.10	*3.99*	*1.92*	*1.92*	*13.21*
113.0				18 55.28	24 17.27	24 44.50	21 07.83	34 14.93
				7.06	*3.93*	*1.92*	*1.92*	*13.16*
114.0				19 02.33	24 21.16	24 46.42	21 09.75	34 28.06
				7.03	*3.86*	*1.92*	*1.92*	*13.10*
115.0			18 05.33	19 09.34	24 24.98	24 48.34	21 11.68	34 41.13
			1.92	*6.99*	*3.79*	*1.91*	*1.92*	*13.04*
116.0			18 07.25	19 16.31	24 28.74	24 50.25	21 13.60	34 54.15
			1.92	*6.95*	*3.72*	*1.91*	*1.92*	*12.99*
117.0			18 09.17	19 23.25	24 32.43	24 52.16	21 15.52	35 07.11
			1.92	*6.92*	*3.65*	*1.91*	*1.92*	*12.94*
118.0			18 11.10	19 30.15	24 36.05	24 54.07	21 17.44	35 20.02
			1.92	*6.88*	*3.59*	*1.91*	*1.92*	*12.88*
119.0			18 13.02	19 37.01	24 39.60	24 55.97	21 19.35	35 32.88
			1.92	*6.85*	*3.52*	*1.90*	*1.92*	*12.83*
120.0			18 14.94	19 43.84	24 43.09	24 57.87	21 21.27	35 45.67
			1.92	*6.81*	*3.46*	*1.90*	*1.91*	*12.77*
121.0			18 16.86	19 50.63	24 46.51	24 59.77	21 23.18	35 58.42
			1.92	*6.77*	*3.39*	*1.89*	*1.91*	*12.71*
122.0			18 18.79	19 57.38	24 49.87	25 01.66	21 25.09	36 11.10
			1.92	*6.74*	*3.32*	*1.89*	*1.91*	*12.66*
123.0			18 20.70	20 04.10	24 53.16	25 03.54	21 27.00	36 23.73
			1.92	*6.70*	*3.26*	*1.88*	*1.91*	*12.60*
124.0			18 22.62	20 10.79	24 56.38	25 05.42	21 28.90	36 36.31
			1.92	*6.67*	*3.19*	*1.88*	*1.90*	*12.55*
125.0			18 24.54	20 17.44	24 59.54	25 07.29	21 30.80	36 48.83
			1.91	*6.63*	*3.13*	*1.87*	*1.90*	*12.49*
126.0			18 26.45	20 24.05	25 02.63	25 09.16	21 32.70	37 01.29
			1.91	*6.60*	*3.06*	*1.86*	*1.89*	*12.43*
127.0			18 28.36	20 30.63	25 05.66	25 11.01	21 34.59	37 13.69
			1.91	*6.56*	*2.99*	*1.85*	*1.89*	*12.38*
128.0			18 30.27	20 37.17	25 08.62	25 12.86	21 36.47	37 26.04
			1.91	*6.52*	*2.93*	*1.84*	*1.88*	*12.32*
129.0			18 32.17	20 43.67	25 11.52	25 14.70	21 38.35	37 38.34
			1.90	*6.49*	*2.86*	*1.83*	*1.88*	*12.27*
130.0			18 34.07	20 50.15	25 14.35	25 16.52	21 28.02	37 50.58
			1.90	*6.45*	*2.80*	*1.82*	*3.86*	*12.21*
131.0			18 35.96	20 56.58	25 17.11	25 18.34	21 31.75	38 02.76
			1.89	*6.42*	*2.73*	*1.81*	*3.64*	*12.15*
132.0			18 37.85	21 02.98	25 19.81	25 20.14	21 35.32	38 14.88
			1.89	*6.38*	*2.67*	*1.79*	*3.49*	*12.10*
133.0			18 39.74	21 09.34	25 22.44	25 21.92	21 38.75	38 26.95
			1.88	*6.35*	*2.60*	*1.78*	*3.37*	*12.04*
134.0			18 41.61	21 15.67	25 25.01	25 23.69	21 42.06	38 38.96
			1.87	*6.31*	*2.54*	*1.76*	*3.25*	*11.98*
135.0			18 43.48	21 21.96	25 27.52	25 25.44	21 45.25	38 50.92
			1.87	*6.27*	*2.48*	*1.74*	*3.14*	*11.93*

Delta	PKPab	PKPbc	PKPdf	PP	SKSac	SKSdf	SKP	SS
	m s	m s	m s	m s	m s	m s	m s	m s
135.0			18 43.48	21 21.96	25 27.52	25 25.44	21 45.25	38 50.92
			1.87	*6.27*	*2.48*	*1.74*	*3.14*	*11.93*
136.0			18 45.34	21 28.22	25 30.00	25 27.18	21 48.34	39 02.82
			1.86	*6.24*	*2.42*	*1.72*	*3.04*	*11.87*
137.0			18 47.19	21 34.44	25 32.37	25 28.89	21 51.33	39 14.66
			1.85	*6.20*	*2.37*	*1.70*	*2.94*	*11.81*
138.0			18 49.04	21 40.62	25 34.72	25 30.58	21 54.22	39 26.45
			1.84	*6.17*	*2.33*	*1.68*	*2.84*	*11.76*
139.0			18 50.87	21 46.77	25 37.02	25 32.25	21 56.59	39 38.18
			1.82	*6.13*	*2.28*	*1.66*	*1.75*	*11.70*
140.0			18 52.68	21 52.88	25 39.28	25 33.89	21 58.33	39 49.85
			1.81	*6.09*	*2.23*	*1.63*	*1.73*	*11.64*
141.0			18 54.49	21 58.96	25 41.49	25 35.51	22 00.06	40 01.46
			1.80	*6.06*	*2.19*	*1.60*	*1.71*	*11.59*
142.0			18 56.27	22 05.00	25 43.66	25 37.09	22 01.76	40 13.02
			1.78	*6.02*	*2.15*	*1.57*	*1.69*	*11.53*
143.0			18 58.04	22 11.00	25 45.80	25 38.65	22 03.43	40 24.52
			1.76	*5.99*	*2.11*	*1.54*	*1.66*	*11.47*
144.0			18 59.79	22 16.97	25 47.89	25 40.17	22 05.08	40 35.96
			1.74	*5.95*	*2.07*	*1.51*	*1.64*	*11.41*
145.0	19 01.91	19 01.59	19 01.52	22 22.90		25 41.66	22 06.70	40 47.34
	3.77	*3.12*	*1.72*	*5.91*		*1.47*	*1.60*	*11.35*
146.0	19 05.75	19 04.60	19 03.23	22 28.80		25 43.11	22 08.29	40 58.66
	3.90	*2.91*	*1.69*	*5.88*		*1.44*	*1.57*	*11.29*
147.0	19 09.69	19 07.42	19 04.91	22 34.66		25 44.54	22 09.84	41 09.93
	3.98	*2.74*	*1.67*	*5.84*		*1.40*	*1.53*	*11.23*
148.0	19 13.71	19 10.08	19 06.56	22 40.48		25 45.92	22 11.36	41 21.13
	4.05	*2.58*	*1.64*	*5.80*		*1.37*	*1.50*	*11.17*
149.0	19 17.78	19 12.60	19 08.18	22 46.26		25 47.27	22 12.84	41 32.28
	4.10	*2.47*	*1.60*	*5.77*		*1.33*	*1.46*	*11.12*
150.0	19 21.90	19 15.03	19 09.76	22 52.01		25 48.59	22 14.28	41 43.36
	4.14	*2.38*	*1.56*	*5.73*		*1.29*	*1.43*	*11.06*
151.0	19 26.07	19 17.37	19 11.31	22 57.72		25 49.86	22 15.69	41 54.39
	4.18	*2.30*	*1.52*	*5.69*		*1.26*	*1.39*	*11.00*
152.0	19 30.27	19 19.64	19 12.81	23 03.39		25 51.10	22 17.05	42 05.36
	4.21	*2.24*	*1.49*	*5.66*		*1.22*	*1.35*	*10.94*
153.0	19 34.49	19 21.84	19 14.28	23 09.03		25 52.30	22 18.38	42 16.27
	4.24	*2.18*	*1.44*	*5.62*		*1.18*	*1.30*	*10.88*
154.0	19 38.75	19 24.00	19 15.70	23 14.63		25 53.46	22 19.66	42 27.12
	4.27	*2.13*	*1.40*	*5.59*		*1.14*	*1.26*	*10.82*
155.0	19 43.03	19 26.10	19 17.08	23 20.20		25 54.57	22 20.90	42 37.91
	4.29	*2.07*	*1.36*	*5.55*		*1.10*	*1.22*	*10.76*
156.0	19 47.33		19 18.42	23 25.73		25 55.65	22 22.10	42 48.64
	4.31		*1.31*	*5.51*		*1.06*	*1.17*	*10.70*
157.0	19 51.64		19 19.70	23 31.23		25 56.68	22 23.25	42 59.32
	4.33		*1.26*	*5.48*		*1.02*	*1.13*	*10.64*
158.0	19 55.97		19 20.94	23 36.69		25 57.68	22 24.36	43 09.93
	4.34		*1.21*	*5.44*		*0.97*	*1.08*	*10.59*
159.0	20 00.32		19 22.13	23 42.11		25 58.63	22 25.42	43 20.49
	4.35		*1.16*	*5.40*		*0.93*	*1.04*	*10.53*
160.0	20 04.68		19 23.27	23 47.49		25 59.54	22 26.43	43 30.98
	4.37		*1.11*	*5.36*		*0.89*	*0.99*	*10.47*

Delta	PKPab	PKPbc	PKPdf	PP	SKSac	SKSdf	SKP	SS
	m s	m s	m s	m s	m s	m s	m s	m s
160.0	20 04.68		19 23.27	23 47.49		25 59.54	22 26.43	43 30.98
	4.37		*1.11*	*5.36*		*0.89*	*0.99*	*10.47*
161.0	20 09.06		19 24.35	23 52.84		26 00.41	22 27.40	43 41.42
	4.38		*1.06*	*5.33*		*0.84*	*0.94*	*10.41*
162.0	20 13.44		19 25.39	23 58.15		26 01.23	22 28.32	43 51.80
	4.39		*1.01*	*5.29*		*0.80*	*0.90*	*10.34*
163.0	20 17.83		19 26.37	24 03.42		26 02.01	22 29.19	44 02.11
	4.40		*0.96*	*5.25*		*0.76*	*0.85*	*10.28*
164.0	20 22.23		19 27.30	24 08.65		26 02.75	22 30.01	44 12.35
	4.40		*0.90*	*5.21*		*0.71*	*0.80*	*10.22*
165.0	20 26.64		19 28.17	24 13.84		26 03.44	22 30.79	44 22.54
	4.41		*0.85*	*5.18*		*0.67*	*0.75*	*10.15*
166.0	20 31.06		19 28.99	24 19.00		26 04.09	22 31.51	44 32.66
	4.42		*0.79*	*5.14*		*0.63*	*0.70*	*10.09*
167.0	20 35.48		19 29.75	24 24.12		26 04.69	22 32.19	44 42.72
	4.42		*0.74*	*5.10*		*0.58*	*0.65*	*10.03*
168.0	20 39.90		19 30.46	24 29.20		26 05.25	22 32.82	44 52.73
	4.43		*0.68*	*5.06*		*0.54*	*0.60*	*9.97*
169.0	20 44.33		19 31.12	24 34.24		26 05.77	22 33.39	45 02.66
	4.43		*0.62*	*5.02*		*0.49*	*0.55*	*9.91*
170.0	20 48.76		19 31.71	24 39.24		26 06.24	22 33.92	45 12.54
	4.44		*0.57*	*4.98*		*0.45*	*0.50*	*9.84*
171.0	20 53.20		19 32.25	24 44.20		26 06.67	22 34.40	45 22.35
	4.44		*0.51*	*4.94*		*0.40*	*0.45*	*9.78*
172.0	20 57.64		19 32.74	24 49.13		26 07.05	22 34.83	45 32.10
	4.44		*0.46*	*4.91*		*0.36*	*0.40*	*9.72*
173.0	21 02.08		19 33.16	24 54.02		26 07.39	22 35.21	45 41.79
	4.44		*0.40*	*4.87*		*0.32*	*0.35*	*9.65*
174.0	21 06.52		19 33.53	24 58.86		26 07.68	22 35.53	45 51.41
	4.44		*0.34*	*4.82*		*0.27*	*0.30*	*9.59*
175.0	21 10.97		19 33.85	25 03.64		26 07.93	22 35.81	46 00.96
	4.44		*0.29*	*4.75*		*0.23*	*0.25*	*9.52*
176.0	21 15.41		19 34.10	25 08.37		26 08.13	22 36.04	46 10.45
	4.45		*0.23*	*4.72*		*0.18*	*0.20*	*9.46*
177.0	21 19.86		19 34.30	25 13.08		26 08.29	22 36.22	46 19.88
	4.45		*0.17*	*4.70*		*0.14*	*0.15*	*9.39*
178.0			19 34.45	25 17.78		26 08.40	22 36.34	46 29.24
			0.11	*4.68*		*0.09*	*0.10*	*9.32*
179.0			19 34.53	25 22.45		26 08.47	22 36.42	46 38.53
			0.06	*4.67*		*0.05*	*0.05*	*9.26*
180.0			19 34.56	25 27.11		26 08.49	22 36.44	46 47.75
				4.66				*9.19*

Depth : 600.0 **km**

Delta	PKPab	PKPbc	PKPdf	PP	SKSac	SKSdf	SKP	SS
	m s	m s	m s	m s	m s	m s	m s	m s
110.0				18 09.45	23 07.37	23 40.00	20 03.29	32 50.57
				7.08	*4.09*	*1.92*	*1.92*	*13.18*
111.0				18 16.51	23 11.43	23 41.89	20 05.21	33 03.72
				7.05	*4.02*	*1.92*	*1.92*	*13.13*
112.0				18 23.54	23 15.42	23 43.81	20 07.13	33 16.83
				7.01	*3.95*	*1.92*	*1.92*	*13.07*
113.0				18 30.54	23 19.34	23 45.73	20 09.06	33 29.87
				6.98	*3.89*	*1.92*	*1.92*	*13.02*
114.0				18 37.50	23 23.19	23 47.65	20 10.98	33 42.86
				6.94	*3.82*	*1.92*	*1.92*	*12.97*
115.0			17 33.72	18 44.42	23 26.98	23 49.56	20 12.90	33 55.80
			1.92	*6.91*	*3.75*	*1.91*	*1.92*	*12.91*
116.0			17 35.64	18 51.31	23 30.69	23 51.47	20 14.82	34 08.69
			1.92	*6.87*	*3.68*	*1.91*	*1.92*	*12.86*
117.0			17 37.57	18 58.16	23 34.35	23 53.38	20 16.74	34 21.52
			1.92	*6.83*	*3.62*	*1.91*	*1.92*	*12.80*
118.0			17 39.49	19 04.98	23 37.93	23 55.29	20 18.66	34 34.30
			1.92	*6.80*	*3.55*	*1.90*	*1.92*	*12.75*
119.0			17 41.41	19 11.76	23 41.45	23 57.19	20 20.58	34 47.02
			1.92	*6.76*	*3.49*	*1.90*	*1.92*	*12.70*
120.0			17 43.33	19 18.51	23 44.91	23 59.09	20 22.49	34 59.69
			1.92	*6.73*	*3.42*	*1.90*	*1.91*	*12.64*
121.0			17 45.26	19 25.22	23 48.29	24 00.99	20 24.41	35 12.30
			1.92	*6.69*	*3.36*	*1.89*	*1.91*	*12.58*
122.0			17 47.18	19 31.89	23 51.62	24 02.88	20 26.32	35 24.86
			1.92	*6.66*	*3.29*	*1.89*	*1.91*	*12.53*
123.0			17 49.09	19 38.53	23 54.88	24 04.76	20 28.22	35 37.36
			1.92	*6.62*	*3.22*	*1.88*	*1.90*	*12.47*
124.0			17 51.01	19 45.14	23 58.07	24 06.64	20 30.13	35 49.81
			1.92	*6.59*	*3.16*	*1.87*	*1.90*	*12.42*
125.0			17 52.92	19 51.71	24 01.20	24 08.51	20 32.02	36 02.20
			1.91	*6.55*	*3.10*	*1.87*	*1.90*	*12.36*
126.0			17 54.83	19 58.25	24 04.26	24 10.37	20 33.92	36 14.53
			1.91	*6.52*	*3.03*	*1.86*	*1.89*	*12.31*
127.0			17 56.74	20 04.75	24 07.26	24 12.22	20 35.81	36 26.81
			1.91	*6.48*	*2.97*	*1.85*	*1.89*	*12.25*
128.0			17 58.65	20 11.22	24 10.19	24 14.07	20 37.69	36 39.04
			1.90	*6.45*	*2.90*	*1.84*	*1.88*	*12.20*
129.0			18 00.55	20 17.65	24 13.06	24 15.90	20 39.57	36 51.21
			1.90	*6.41*	*2.84*	*1.83*	*1.87*	*12.14*
130.0			18 02.45	20 24.04	24 15.87	24 17.72	20 30.02	37 03.33
			1.89	*6.38*	*2.77*	*1.82*	*3.72*	*12.09*
131.0			18 04.34	20 30.41	24 18.61	24 19.53	20 33.65	37 15.39
			1.89	*6.34*	*2.71*	*1.80*	*3.56*	*12.03*
132.0			18 06.22	20 36.73	24 21.28	24 21.33	20 37.15	37 27.39
			1.88	*6.31*	*2.64*	*1.79*	*3.43*	*11.98*
133.0			18 08.11	20 43.02	24 23.89	24 23.11	20 40.52	37 39.34
			1.88	*6.27*	*2.58*	*1.77*	*3.31*	*11.92*
134.0			18 10.00	20 49.28	24 26.44	24 24.88	20 43.77	37 51.23
			1.87	*6.24*	*2.52*	*1.76*	*3.20*	*11.86*
135.0			18 11.84	20 55.50	24 28.93	24 26.62	20 46.91	38 03.07
			1.86	*6.20*	*2.46*	*1.74*	*3.09*	*11.81*

Delta	PKPab	PKPbc	PKPdf	PP	SKSac	SKSdf	SKP	SS
	m s	m s	m s	m s	m s	m s	m s	m s
135.0			18 11.84	20 55.50	24 28.93	24 26.62	20 46.91	38 03.07
			1.86	*6.20*	*2.46*	*1.74*	*3.09*	*11.81*
136.0			18 13.70	21 01.68	24 31.36	24 28.35	20 49.96	38 14.85
			1.85	*6.17*	*2.41*	*1.72*	*2.99*	*11.75*
137.0			18 15.55	21 07.83	24 33.74	24 30.06	20 52.90	38 26.57
			1.84	*6.13*	*2.36*	*1.70*	*2.90*	*11.70*
138.0			18 17.38	21 13.95	24 36.07	24 31.74	20 55.75	38 38.24
			1.83	*6.10*	*2.31*	*1.67*	*2.80*	*11.64*
139.0			18 19.21	21 20.02	24 38.36	24 33.41	20 57.77	38 49.85
			1.82	*6.06*	*2.26*	*1.65*	*1.75*	*11.58*
140.0			18 21.02	21 26.07	24 40.60	24 35.04	20 59.51	39 01.41
			1.80	*6.03*	*2.22*	*1.62*	*1.73*	*11.53*
141.0			18 22.81	21 32.08	24 42.80	24 36.65	21 01.23	39 12.91
			1.79	*5.99*	*2.18*	*1.59*	*1.71*	*11.47*
142.0			18 24.59	21 38.05	24 44.96	24 38.23	21 02.92	39 24.35
			1.77	*5.95*	*2.14*	*1.56*	*1.68*	*11.41*
143.0			18 26.35	21 43.98	24 47.08	24 39.78	21 04.59	39 35.73
			1.75	*5.92*	*2.10*	*1.53*	*1.66*	*11.35*
144.0	18 27.97	18 27.68	18 28.09	21 49.89		24 41.29	21 06.24	39 47.06
	3.78	*3.16*	*1.73*	*5.88*		*1.50*	*1.63*	*11.29*
145.0	18 31.82	18 30.72	18 29.81	21 55.75		24 42.78	21 07.85	39 58.32
	3.91	*2.95*	*1.71*	*5.85*		*1.47*	*1.60*	*11.24*
146.0	18 35.77	18 33.58	18 31.51	22 01.58		24 44.22	21 09.43	40 09.53
	3.99	*2.78*	*1.68*	*5.81*		*1.43*	*1.56*	*11.18*
147.0	18 39.80	18 36.28	18 33.18	22 07.37		24 45.64	21 10.97	40 20.68
	4.06	*2.62*	*1.65*	*5.77*		*1.40*	*1.53*	*11.12*
148.0	18 43.88	18 38.84	18 34.81	22 13.12		24 47.02	21 12.48	40 31.77
	4.11	*2.50*	*1.62*	*5.74*		*1.36*	*1.49*	*11.06*
149.0	18 48.01	18 41.30	18 36.42	22 18.84		24 48.36	21 13.95	40 42.80
	4.15	*2.41*	*1.59*	*5.70*		*1.33*	*1.45*	*11.01*
150.0	18 52.18	18 43.67	18 37.99	22 24.52		24 49.67	21 15.39	40 53.78
	4.19	*2.33*	*1.55*	*5.67*		*1.29*	*1.42*	*10.95*
151.0	18 56.39	18 45.96	18 39.51	22 30.17		24 50.94	21 16.79	41 04.70
	4.22	*2.26*	*1.51*	*5.63*		*1.25*	*1.38*	*10.89*
152.0	19 00.62	18 48.19	18 41.00	22 35.79		24 52.17	21 18.15	41 15.56
	4.25	*2.20*	*1.47*	*5.60*		*1.21*	*1.34*	*10.83*
153.0	19 04.88	18 50.37	18 42.45	22 41.36		24 53.36	21 19.46	41 26.36
	4.27	*2.15*	*1.43*	*5.56*		*1.17*	*1.30*	*10.77*
154.0	19 09.17	18 52.49	18 43.86	22 46.91		24 54.51	21 20.74	41 37.10
	4.29	*2.10*	*1.39*	*5.52*		*1.13*	*1.25*	*10.71*
155.0	19 13.47		18 45.22	22 52.41		24 55.62	21 21.97	41 47.78
	4.31		*1.34*	*5.49*		*1.09*	*1.21*	*10.65*
156.0	19 17.79		18 46.54	22 57.88		24 56.69	21 23.16	41 58.41
	4.33		*1.29*	*5.45*		*1.05*	*1.17*	*10.60*
157.0	19 22.13		18 47.81	23 03.32		24 57.72	21 24.30	42 08.98
	4.34		*1.25*	*5.42*		*1.01*	*1.12*	*10.54*
158.0	19 26.48		18 49.03	23 08.72		24 58.71	21 25.40	42 19.49
	4.36		*1.20*	*5.38*		*0.97*	*1.08*	*10.48*
159.0	19 30.84		18 50.21	23 14.08		24 59.66	21 26.46	42 29.94
	4.37		*1.15*	*5.34*		*0.92*	*1.03*	*10.42*
160.0	19 35.22		18 51.33	23 19.40		25 00.56	21 27.46	42 40.33
	4.38		*1.10*	*5.30*		*0.88*	*0.98*	*10.36*

Delta	PKPab	PKPbc	PKPdf	PP	SKSac	SKSdf	SKP	SS
	m s	m s	m s	m s	m s	m s	m s	m s
160.0	19 35.22		18 51.33	23 19.40		25 00.56	21 27.46	42 40.33
	4.38		*1.10*	*5.30*		*0.88*	*0.98*	*10.36*
161.0	19 39.60		18 52.40	23 24.68		25 01.42	21 28.43	42 50.66
	4.39		*1.05*	*5.27*		*0.84*	*0.94*	*10.30*
162.0	19 44.00		18 53.42	23 29.93		25 02.24	21 29.34	43 00.93
	4.40		*0.99*	*5.23*		*0.80*	*0.89*	*10.23*
163.0	19 48.40		18 54.39	23 35.14		25 03.01	21 30.20	43 11.13
	4.41		*0.94*	*5.19*		*0.75*	*0.84*	*10.17*
164.0	19 52.81		18 55.31	23 40.32		25 03.74	21 31.02	43 21.27
	4.41		*0.89*	*5.16*		*0.71*	*0.79*	*10.11*
165.0	19 57.23		18 56.17	23 45.46		25 04.43	21 31.79	43 31.36
	4.42		*0.83*	*5.12*		*0.67*	*0.74*	*10.05*
166.0	20 01.65		18 56.97	23 50.55		25 05.08	21 32.51	43 41.38
	4.42		*0.78*	*5.08*		*0.62*	*0.70*	*9.99*
167.0	20 06.07		18 57.73	23 55.61		25 05.68	21 33.18	43 51.34
	4.43		*0.73*	*5.04*		*0.58*	*0.65*	*9.93*
168.0	20 10.50		18 58.42	24 00.63		25 06.24	21 33.81	44 01.24
	4.43		*0.67*	*5.00*		*0.53*	*0.60*	*9.87*
169.0	20 14.94		18 59.07	24 05.61		25 06.75	21 34.38	44 11.07
	4.44		*0.62*	*4.96*		*0.49*	*0.55*	*9.81*
170.0	20 19.38		18 59.66	24 10.56		25 07.22	21 34.90	44 20.85
	4.44		*0.56*	*4.93*		*0.45*	*0.50*	*9.74*
171.0	20 23.82		19 00.19	24 15.47		25 07.64	21 35.38	44 30.56
	4.44		*0.50*	*4.89*		*0.40*	*0.45*	*9.68*
172.0	20 28.26		19 00.66	24 20.34		25 08.02	21 35.80	44 40.21
	4.44		*0.45*	*4.85*		*0.36*	*0.40*	*9.62*
173.0	20 32.70		19 01.09	24 25.16		25 08.36	21 36.18	44 49.79
	4.44		*0.39*	*4.78*		*0.31*	*0.35*	*9.55*
174.0	20 37.15		19 01.45	24 29.92		25 08.65	21 36.50	44 59.31
	4.45		*0.34*	*4.74*		*0.27*	*0.30*	*9.49*
175.0	20 41.59		19 01.76	24 34.64		25 08.89	21 36.78	45 08.77
	4.45		*0.28*	*4.71*		*0.22*	*0.25*	*9.42*
176.0			19 02.01	24 39.34		25 09.09	21 37.00	45 18.16
			0.22	*4.69*		*0.18*	*0.20*	*9.36*
177.0			19 02.21	24 44.03		25 09.25	21 37.18	45 27.48
			0.17	*4.68*		*0.13*	*0.15*	*9.29*
178.0			19 02.35	24 48.70		25 09.36	21 37.30	45 36.74
			0.11	*4.66*		*0.09*	*0.10*	*9.22*
179.0			19 02.43	24 53.36		25 09.43	21 37.38	45 45.93
			0.06	*4.65*		*0.04*	*0.05*	*9.16*
180.0			19 02.46	24 58.01		25 09.45	21 37.41	45 55.05
				4.64				*9.09*

Summary Travel Time Charts

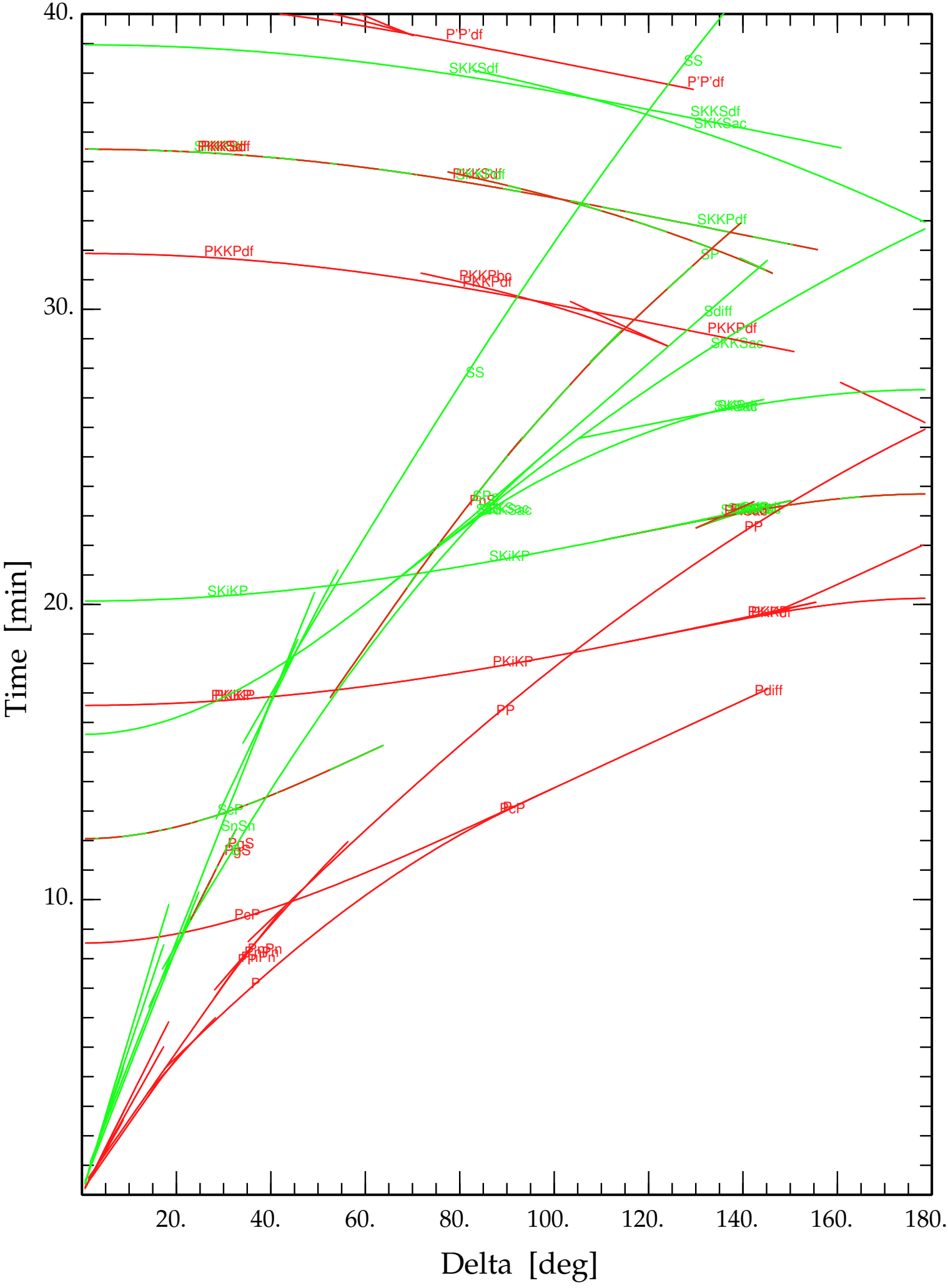
For depths 0, 100, 300, 600 km

Time/Delta:

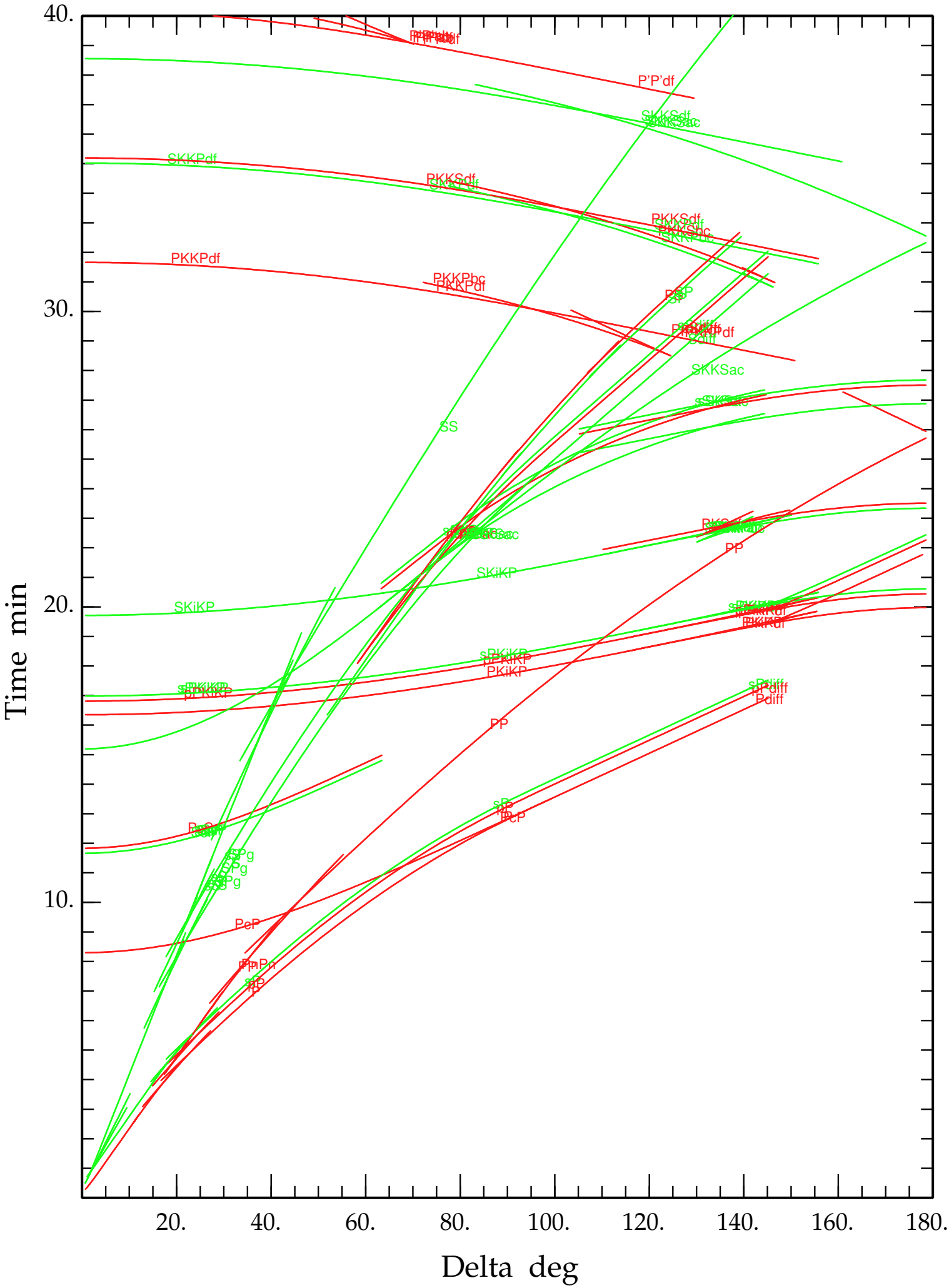
Slowness/Delta

Tau/Slowness

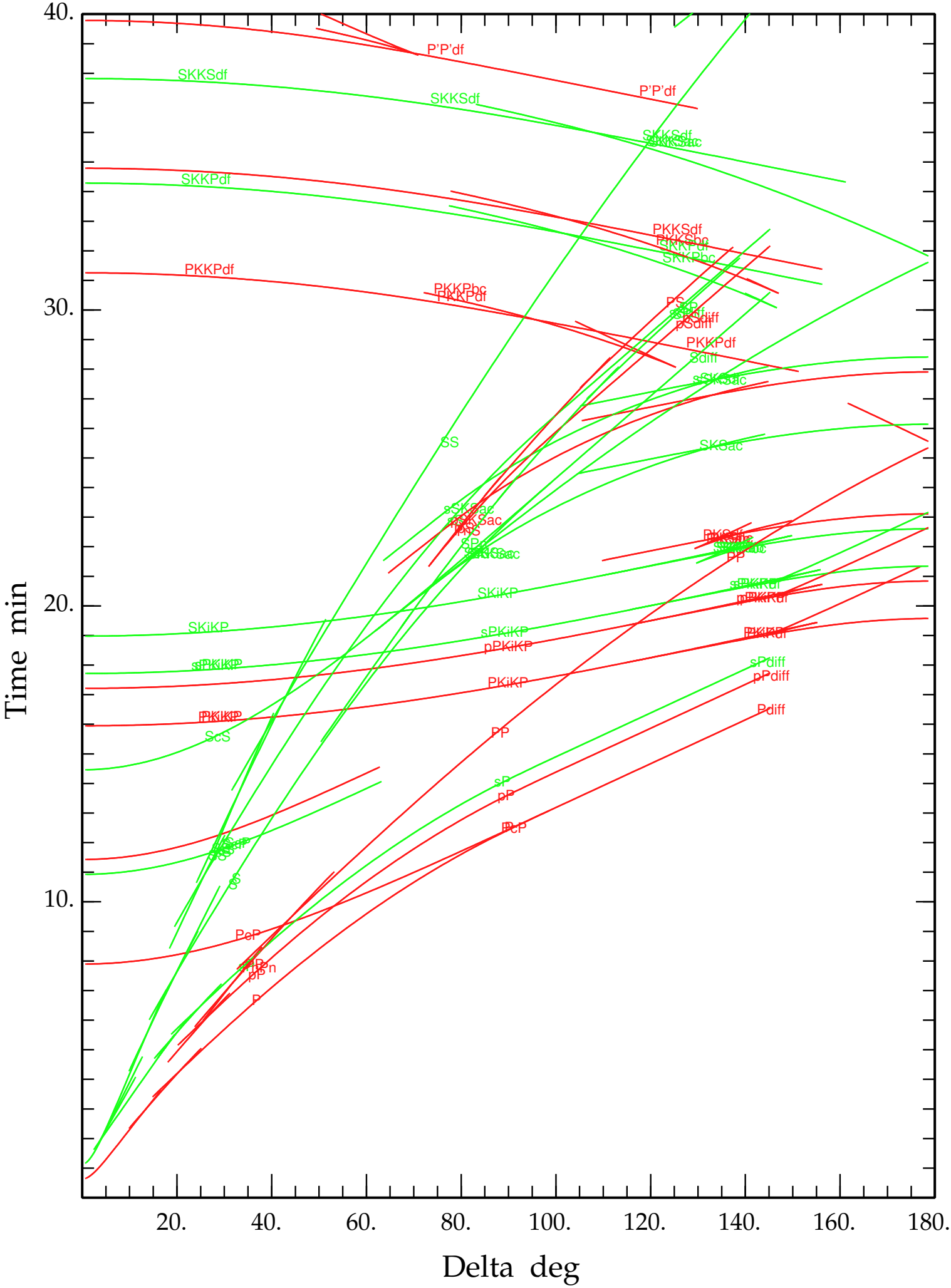
Differential Times for major P-S phase pairs


ak135 0 km depth
40.
30.
20.
10.
Time [min]
20.
40.
60.
80.
100.
120.
140.
160.
180.
Delta [deg]
P'P'df
SKKSdf
SS
SKKSac
SKKPdf
PKKPdf
PKKPbc
Sdiff
SP
SKiKP
PKiKP
PP
Pdiff
PcP
PeP
SeP
SnSn
PgS
P

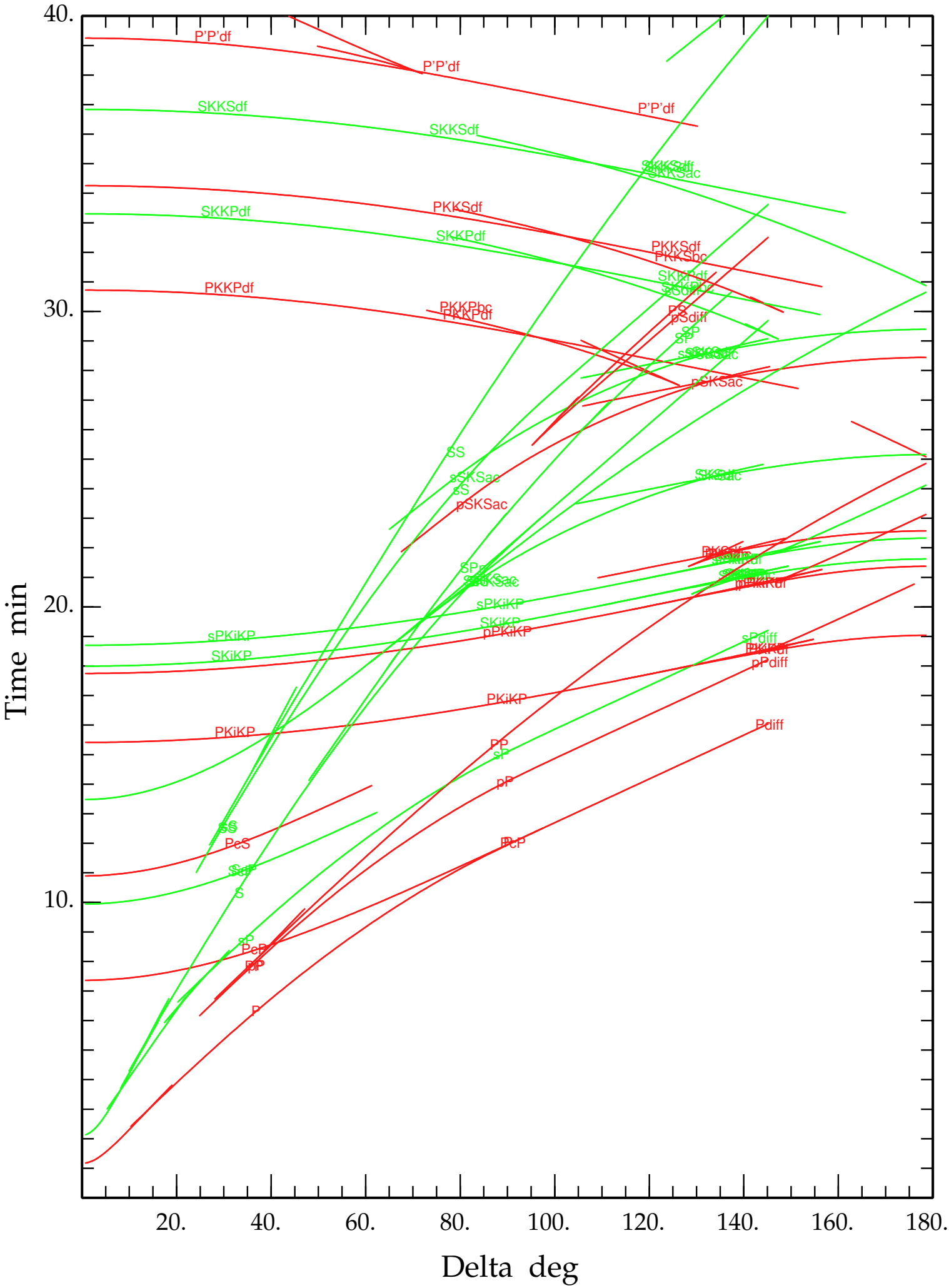
ak135 100 km depth



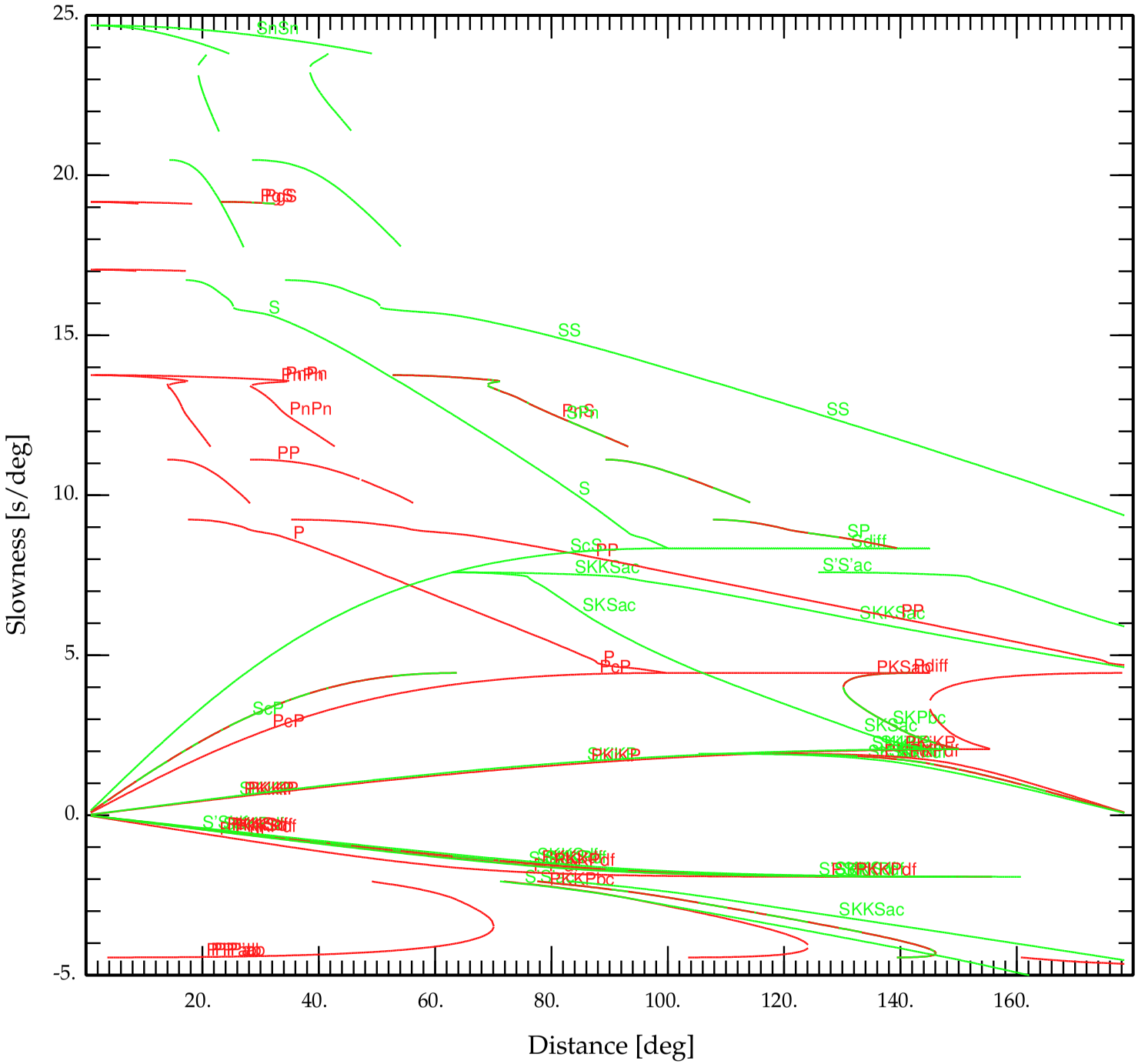
ak135 300 km depth



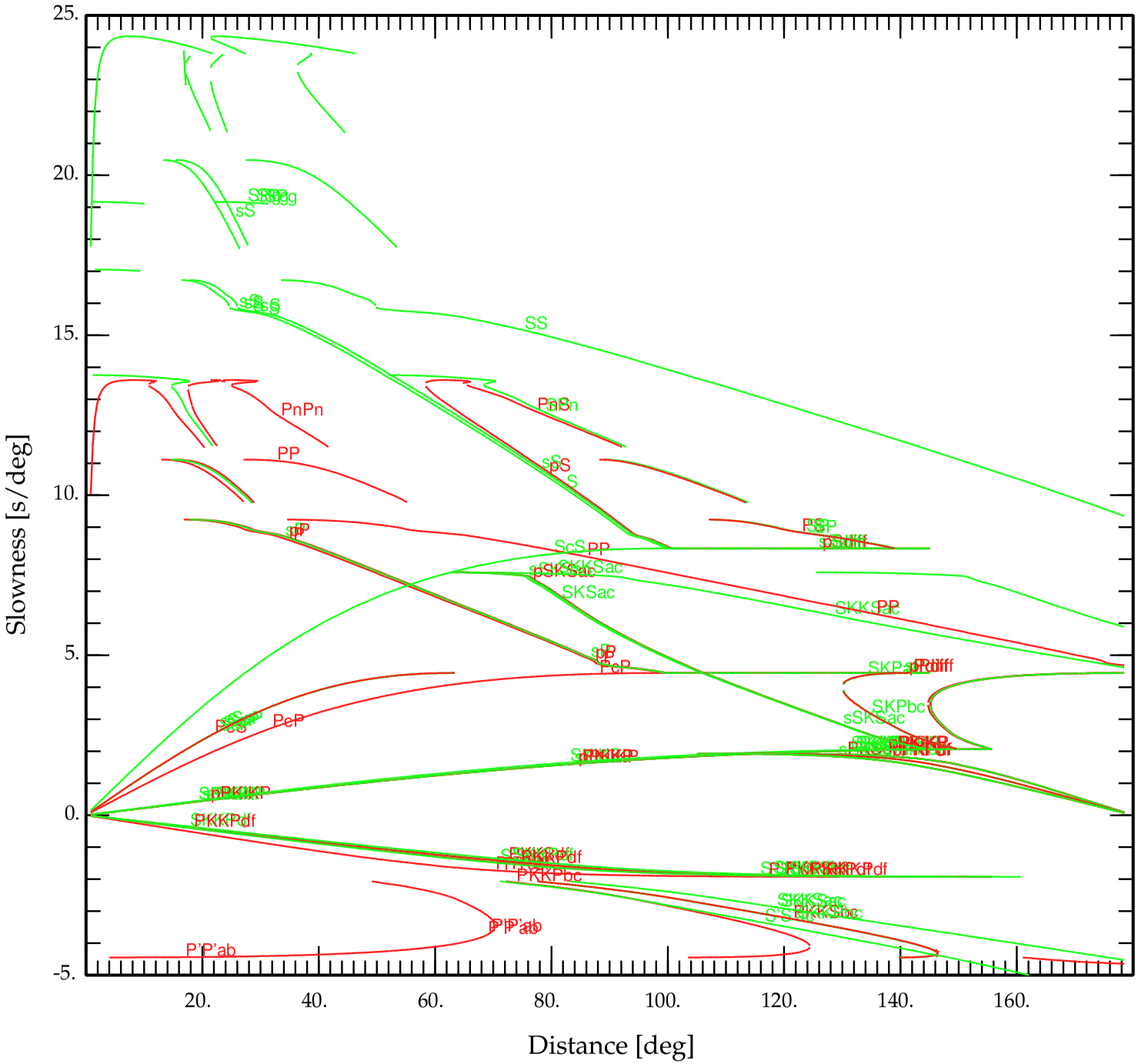
ak135 600 km depth



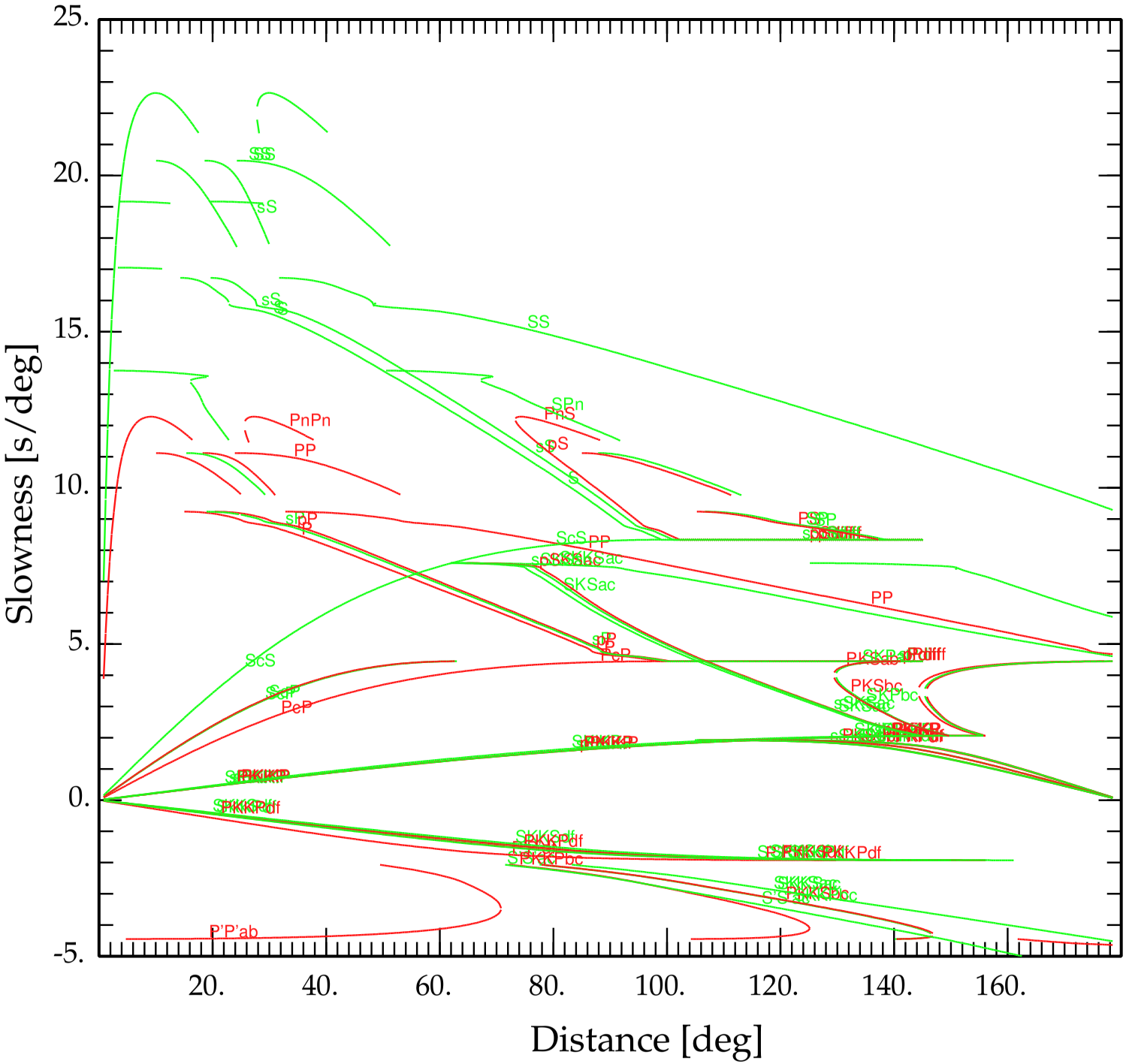
ak135 0 km depth



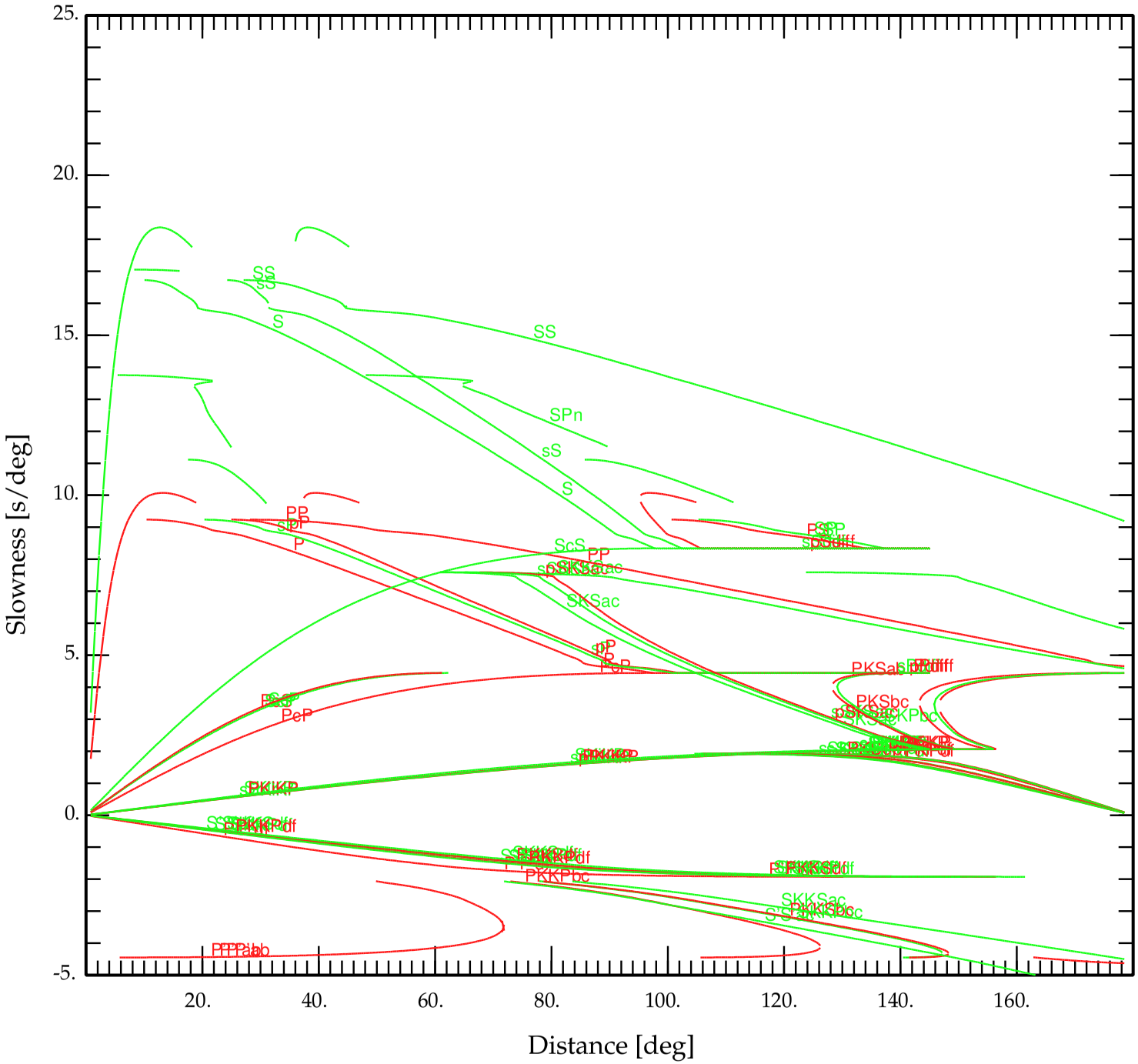
ak135 100 km depth



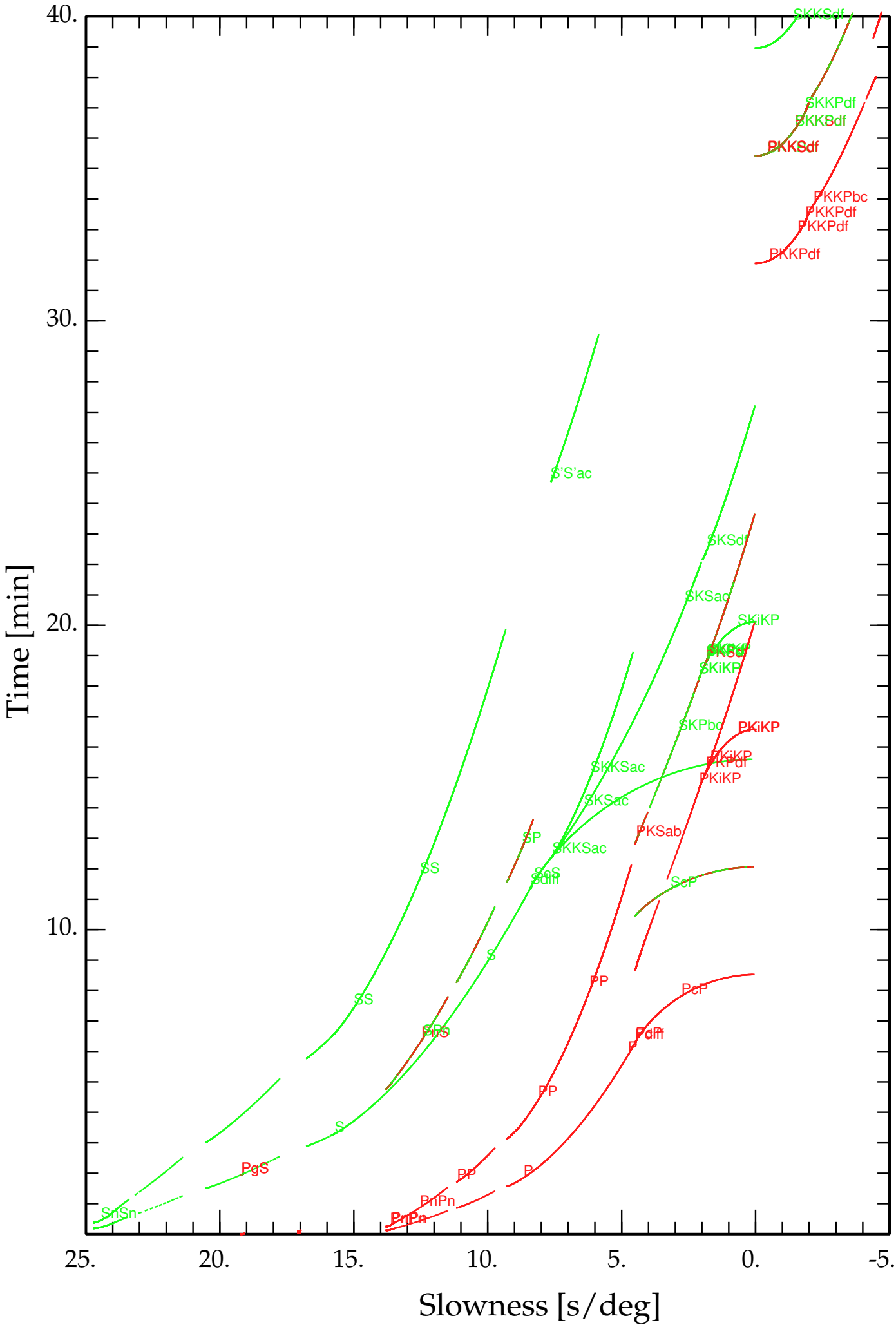
ak135 300 km depth



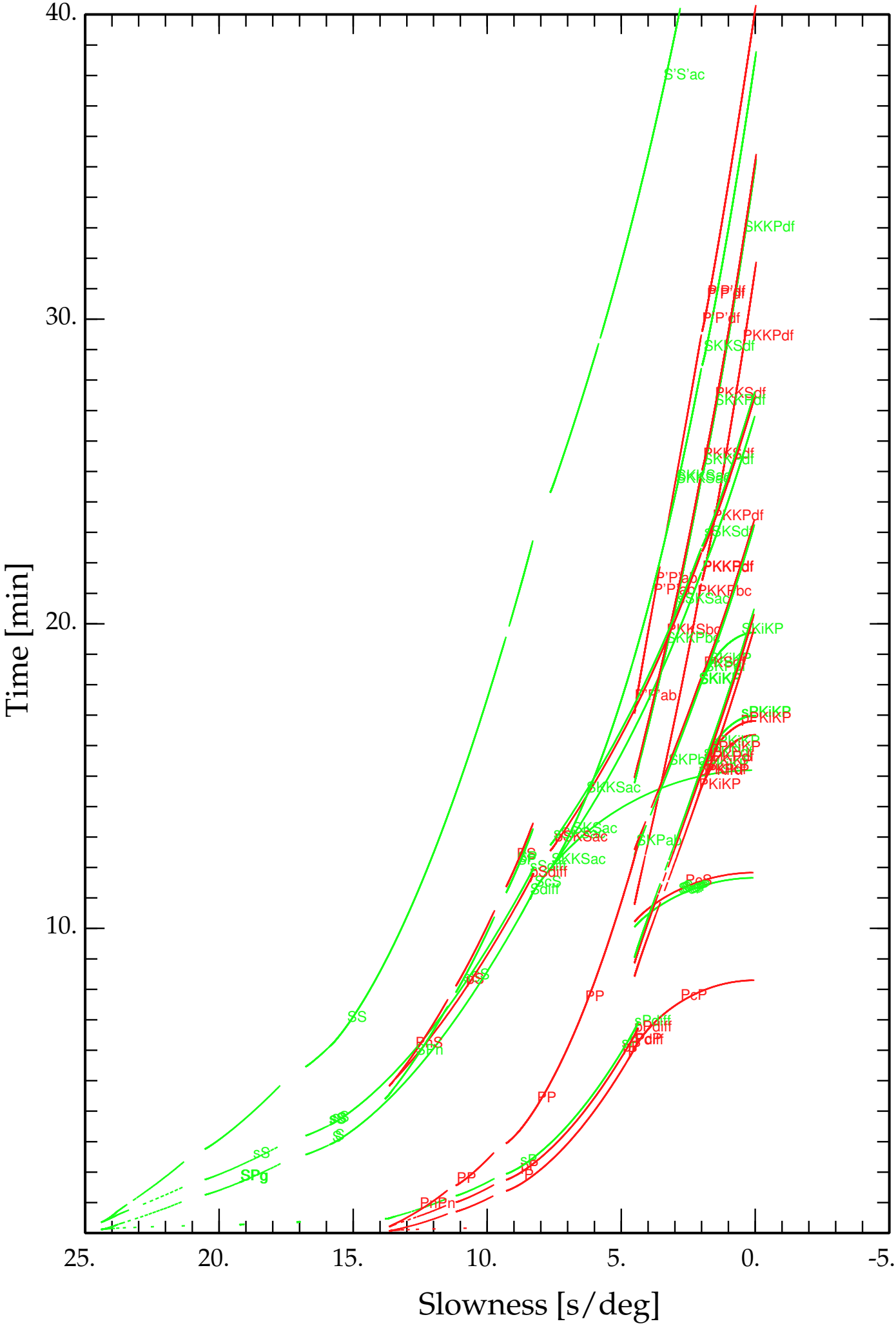
ak135 600 km depth

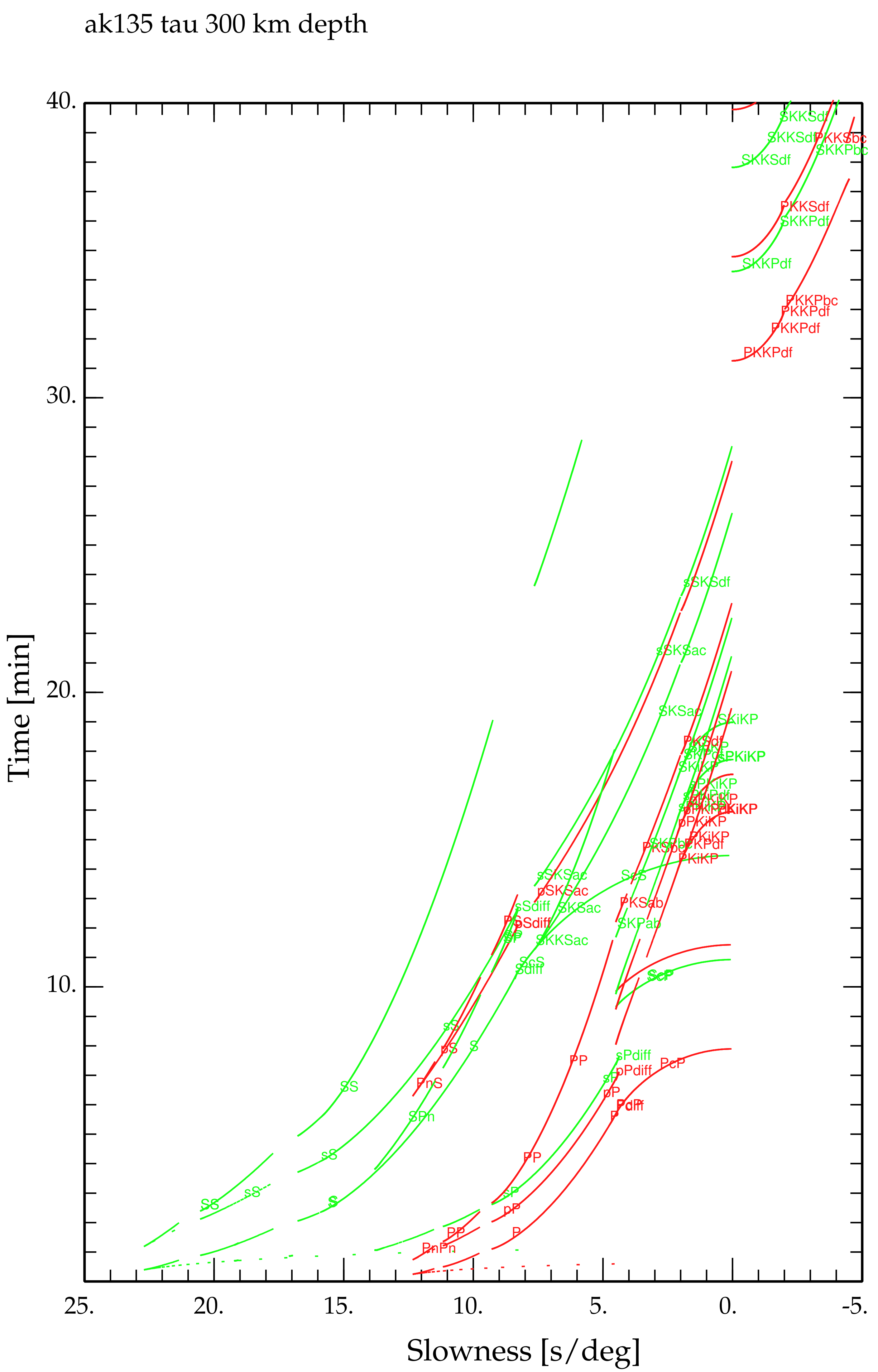


ak135 tau 0 km depth



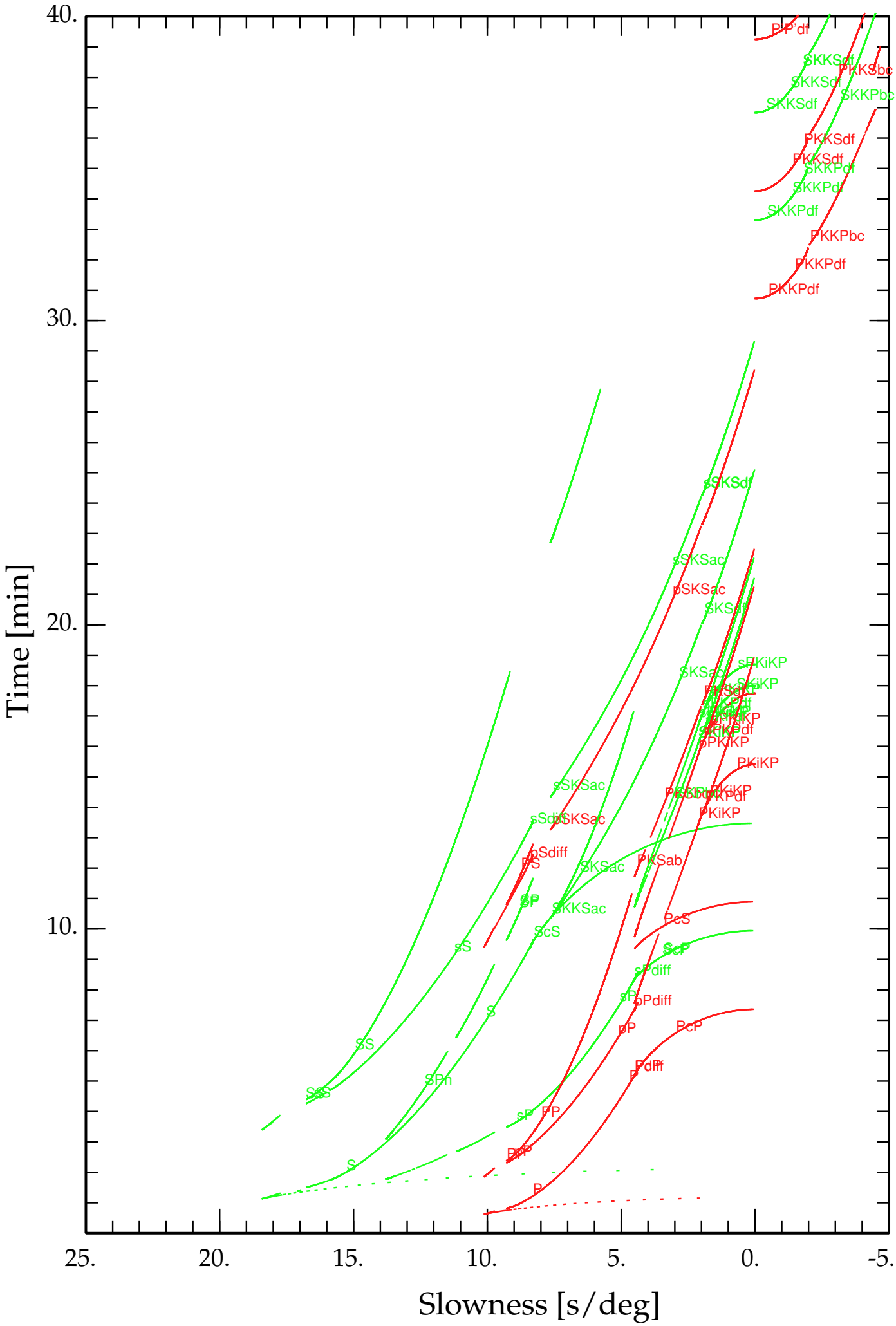
Tau 100 km depth

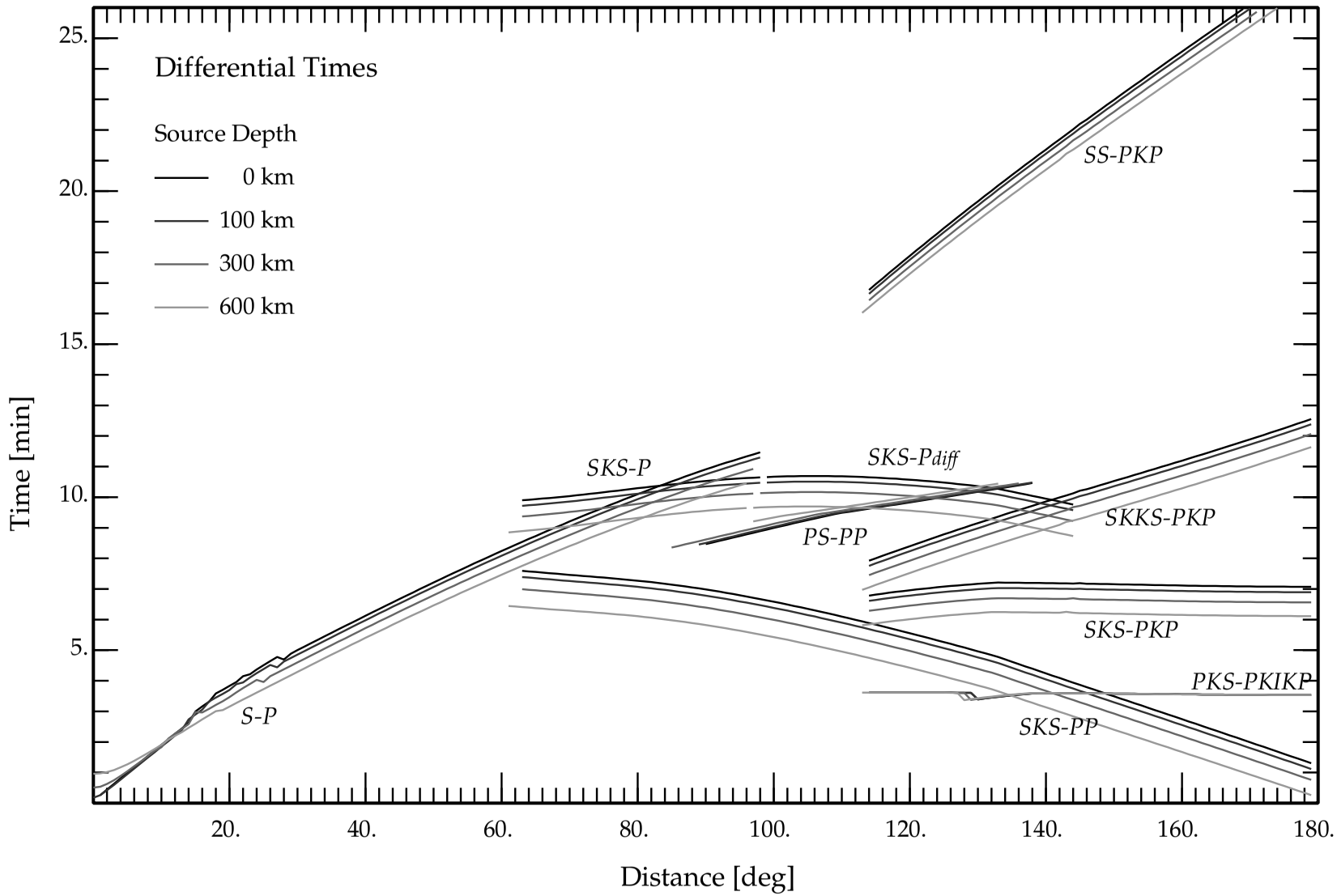




ak135 tau 300 km depth
Time [min]
Slowness [s/deg]

ak135 tau 600 km depth




Differential Times
Source Depth
0 km
100 km
300 km
600 km
SS-PKP
SKS-P
SKS-Pdiff
PS-PP
SKKS-PKP
SKS-PKP
PKS-PKIKP
SKS-PP
S-P
Time [min]
Distance [deg]
25.
20.
15.
10.
5.
20.
40.
60.
80.
100.
120.
140.
160.
180.

Ellipticity Correction Tables

These tables present the corrections for the ellipticity of the Earth at 5° intervals in the formulation of Dziewonski & Gilbert (1976) for the following phases:

Pup, P, Pdiff, PKPab, PKPbc, PKPdf, PKiKP
pP, pPKPab, pPKPbc, pPKPdf, pPKiKP
sP, sPKPab, sPKPbc, sPKPdf, sPKiKP
PcP, ScP, SKPab, SKPbc, SKPdf, SKiKP
PKKPab, PKKPbc, PKKPdf
SKKPab, SKKPbc, SKKPdf, PP, P'P'

Sup, S, Sdiff, SKSac, SKSdf,
pS, pSKSac, pSKSdf, sS, sSKSac, sSKSdf,
ScS, PcS, PKSab, PKSbc, PKSdf,
PKKSab, PKKSbc, PKKSdf, SKKSac, SKKSdf,
SS, S'S', SP, PS, PnS

at source depths of 0, 35, 50, 100, 200, 300 and 700 km.

For each source depth the values of the three correction coefficients τ_0, τ_1, τ_2 are given as a function of epicentral distance.

Ellipticity time correction

Consider a source with epicentral colatitude θ. For epicentral distance Δ and azimuth ζ, from the epicentre to the receiver:
the ellipticity correction in seconds is:

$$\delta t = \frac{1}{4}(1+3\cos 2\theta)\tau_0(\Delta) + \frac{\sqrt{3}}{2}\sin 2\theta\cos\zeta\tau_1(\Delta) + \frac{\sqrt{3}}{2}\sin^2\theta\cos 2\zeta\tau_2(\Delta)$$

and is to be added to the values for the spherically symmetric earth model presented in these tables.

ak135

Ellipticity - Pup

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
0.0	τ_0	0.00	-0.05	-0.09	-0.13	-0.20	-0.27
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00
5.0	τ_0	0.00	-0.17	-0.18	-0.20	-0.25	-0.30
	τ_1	0.00	0.04	0.08	0.11	0.14	0.15
	τ_2	0.00	0.00	0.00	0.00	0.01	0.01
10.0	τ_0	0.00	-0.32	-0.32	-0.33	-0.35	-0.38
	τ_1	0.00	0.01	0.06	0.09	0.14	0.18
	τ_2	0.00	0.00	0.00	0.01	0.01	0.01

Ellipticity - P

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
5.0	τ_0	-0.18	-0.18	-0.18	-0.19	-0.23	-0.28
	τ_1	-0.01	-0.05	-0.09	-0.14	-0.20	-0.24
	τ_2	0.00	0.01	0.00	0.01	0.00	0.01
10.0	τ_0	-0.32	-0.30	-0.29	-0.29	-0.30	-0.32
	τ_1	-0.05	-0.10	-0.14	-0.18	-0.24	-0.29
	τ_2	-0.01	-0.01	-0.02	-0.02	-0.02	-0.02
15.0	τ_0	-0.45	-0.42	-0.40	-0.39	-0.37	-0.36
	τ_1	-0.10	-0.14	-0.18	-0.22	-0.29	-0.33
	τ_2	-0.02	-0.03	-0.04	-0.04	-0.05	-0.06
20.0	τ_0	-0.56	-0.52	-0.49	-0.46	-0.43	-0.40
	τ_1	-0.16	-0.20	-0.23	-0.27	-0.32	-0.38
	τ_2	-0.06	-0.07	-0.07	-0.07	-0.09	-0.09
25.0	τ_0	-0.63	-0.59	-0.55	-0.52	-0.46	-0.43
	τ_1	-0.23	-0.26	-0.28	-0.31	-0.37	-0.43
	τ_2	-0.11	-0.11	-0.11	-0.12	-0.12	-0.13
30.0	τ_0	-0.65	-0.61	-0.57	-0.54	-0.48	-0.44
	τ_1	-0.28	-0.31	-0.34	-0.36	-0.42	-0.47
	τ_2	-0.15	-0.16	-0.16	-0.16	-0.17	-0.18
35.0	τ_0	-0.66	-0.62	-0.58	-0.55	-0.48	-0.44
	τ_1	-0.33	-0.36	-0.38	-0.41	-0.46	-0.51
	τ_2	-0.20	-0.21	-0.21	-0.21	-0.22	-0.23
40.0	τ_0	-0.66	-0.61	-0.58	-0.54	-0.47	-0.42
	τ_1	-0.37	-0.39	-0.42	-0.44	-0.49	-0.53
	τ_2	-0.26	-0.27	-0.27	-0.27	-0.28	-0.29
45.0	τ_0	-0.64	-0.60	-0.56	-0.52	-0.45	-0.39
	τ_1	-0.39	-0.42	-0.44	-0.46	-0.50	-0.54
	τ_2	-0.33	-0.33	-0.33	-0.34	-0.35	-0.36
50.0	τ_0	-0.62	-0.57	-0.53	-0.49	-0.42	-0.36
	τ_1	-0.40	-0.42	-0.44	-0.46	-0.50	-0.54
	τ_2	-0.40	-0.40	-0.40	-0.41	-0.42	-0.43
55.0	τ_0	-0.58	-0.53	-0.49	-0.45	-0.38	-0.32
	τ_1	-0.39	-0.40	-0.42	-0.44	-0.48	-0.51
	τ_2	-0.47	-0.47	-0.47	-0.48	-0.49	-0.50
60.0	τ_0	-0.54	-0.49	-0.45	-0.41	-0.34	-0.27
	τ_1	-0.35	-0.37	-0.38	-0.40	-0.43	-0.46
	τ_2	-0.54	-0.54	-0.54	-0.55	-0.56	-0.57
65.0	τ_0	-0.51	-0.46	-0.41	-0.37	-0.30	-0.23
	τ_1	-0.29	-0.31	-0.32	-0.34	-0.37	-0.39
	τ_2	-0.60	-0.61	-0.61	-0.61	-0.62	-0.63
70.0	τ_0	-0.48	-0.43	-0.38	-0.34	-0.27	-0.20
	τ_1	-0.22	-0.23	-0.24	-0.26	-0.28	-0.30
	τ_2	-0.67	-0.67	-0.67	-0.68	-0.68	-0.69
75.0	τ_0	-0.45	-0.40	-0.36	-0.32	-0.24	-0.18
	τ_1	-0.12	-0.13	-0.14	-0.16	-0.18	-0.20
	τ_2	-0.72	-0.72	-0.73	-0.73	-0.74	-0.74
80.0	τ_0	-0.44	-0.39	-0.35	-0.31	-0.23	-0.16
	τ_1	-0.01	-0.02	-0.03	-0.04	-0.06	-0.07
	τ_2	-0.76	-0.77	-0.77	-0.77	-0.78	-0.79

85.0	τ_0	-0.45	-0.40	-0.35	-0.31	-0.24	-0.17
	τ_1	0.12	0.11	0.10	0.09	0.08	0.07
	τ_2	-0.80	-0.80	-0.80	-0.80	-0.81	-0.82
90.0	τ_0	-0.47	-0.42	-0.38	-0.33	-0.26	-0.19
	τ_1	0.26	0.25	0.24	0.23	0.21	0.19
	τ_2	-0.82	-0.82	-0.82	-0.82	-0.83	-0.83
95.0	τ_0	-0.51	-0.46	-0.42	-0.38	-0.30	-0.23
	τ_1	0.37	0.37	0.36	0.35	0.33	0.32
	τ_2	-0.82	-0.82	-0.82	-0.82	-0.83	-0.83

Ellipticity - Pdiff

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
100.0	τ_0	-0.57	-0.52	-0.47	-0.43	-0.35	-0.28
	τ_1	0.50	0.49	0.48	0.48	0.46	0.46
	τ_2	-0.81	-0.81	-0.81	-0.81	-0.81	-0.81
105.0	τ_0	-0.64	-0.59	-0.54	-0.50	-0.42	-0.35
	τ_1	0.63	0.62	0.61	0.61	0.60	0.59
	τ_2	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77
110.0	τ_0	-0.73	-0.68	-0.63	-0.59	-0.51	-0.44
	τ_1	0.74	0.74	0.73	0.72	0.71	0.70
	τ_2	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72
115.0	τ_0	-0.83	-0.78	-0.74	-0.69	-0.62	-0.55
	τ_1	0.84	0.83	0.82	0.82	0.81	0.80
	τ_2	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66
120.0	τ_0	-0.95	-0.90	-0.85	-0.81	-0.73	-0.66
	τ_1	0.91	0.90	0.90	0.89	0.88	0.87
	τ_2	-0.59	-0.59	-0.59	-0.59	-0.59	-0.59
125.0	τ_0	-1.07	-1.02	-0.98	-0.94	-0.86	-0.79
	τ_1	0.96	0.95	0.95	0.94	0.93	0.92
	τ_2	-0.52	-0.52	-0.52	-0.52	-0.52	-0.52
130.0	τ_0	-1.21	-1.16	-1.11	-1.07	-0.99	-0.92
	τ_1	0.98	0.98	0.97	0.96	0.95	0.94
	τ_2	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44
135.0	τ_0	-1.34	-1.29	-1.25	-1.20	-1.13	-1.06
	τ_1	0.98	0.97	0.97	0.96	0.95	0.94
	τ_2	-0.36	-0.36	-0.36	-0.36	-0.36	-0.37
140.0	τ_0	-1.47	-1.42	-1.38	-1.33	-1.26	-1.19
	τ_1	0.95	0.94	0.93	0.93	0.92	0.91
	τ_2	-0.29	-0.29	-0.29	-0.29	-0.29	-0.29
145.0	τ_0	-1.59	-1.54	-1.50	-1.46	-1.38	-1.31
	τ_1	0.89	0.88	0.88	0.87	0.86	0.85
	τ_2	-0.22	-0.22	-0.22	-0.22	-0.22	-0.22
150.0	τ_0	-1.71	-1.66	-1.61	-1.57	-1.49	-1.42
	τ_1	0.81	0.80	0.80	0.79	0.78	0.77
	τ_2	-0.15	-0.15	-0.15	-0.15	-0.15	-0.15

Ellipticity - PKPab

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
145.0	τ_0	-1.91	-1.84	-1.79	-1.74	-1.65	-1.56
	τ_1	1.01	1.00	0.98	0.97	0.95	0.93
	τ_2	-0.40	-0.41	-0.42	-0.42	-0.43	-0.44
150.0	τ_0	-1.94	-1.89	-1.84	-1.80	-1.72	-1.64
	τ_1	0.86	0.85	0.84	0.84	0.82	0.81
	τ_2	-0.39	-0.39	-0.40	-0.40	-0.41	-0.41
155.0	τ_0	-2.02	-1.96	-1.92	-1.88	-1.80	-1.72
	τ_1	0.73	0.72	0.71	0.71	0.69	0.68
	τ_2	-0.37	-0.37	-0.37	-0.37	-0.38	-0.39
160.0	τ_0	-2.08	-2.03	-1.99	-1.94	-1.86	-1.79
	τ_1	0.59	0.59	0.58	0.57	0.56	0.55
	τ_2	-0.35	-0.35	-0.35	-0.36	-0.36	-0.37
165.0	τ_0	-2.14	-2.09	-2.04	-2.00	-1.92	-1.85
	τ_1	0.45	0.44	0.44	0.43	0.42	0.41
	τ_2	-0.34	-0.34	-0.34	-0.34	-0.35	-0.35
170.0	τ_0	-2.17	-2.12	-2.08	-2.04	-1.96	-1.89
	τ_1	0.30	0.29	0.29	0.28	0.27	0.26
	τ_2	-0.34	-0.34	-0.34	-0.34	-0.35	-0.35
175.0	τ_0	-2.19	-2.14	-2.10	-2.06	-1.98	-1.91
	τ_1	0.15	0.14	0.14	0.13	0.12	0.11
	τ_2	-0.35	-0.35	-0.35	-0.35	-0.36	-0.36

Ellipticity - PKPbc

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
145.0	τ_0	-1.92	-1.89	-1.85	-1.82	-1.75	-1.70
	τ_1	1.02	1.03	1.04	1.04	1.04	1.05
	τ_2	-0.40	-0.39	-0.39	-0.39	-0.38	-0.38
150.0	τ_0	-2.16	-2.11	-2.07	-2.03	-1.96	-1.89
	τ_1	1.00	1.00	0.99	0.99	0.99	0.99
	τ_2	-0.28	-0.28	-0.28	-0.28	-0.29	-0.28
155.0	τ_0	-2.32	-2.27	-2.23	-2.19	-2.12	-2.05
	τ_1	0.89	0.89	0.88	0.88	0.88	0.88
	τ_2	-0.21	-0.21	-0.21	-0.21	-0.21	-0.21

Ellipticity - PKPdf

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
115.0	τ_0	-1.04	-0.99	-0.94	-0.90	-0.83	-0.76
	τ_1	0.99	0.98	0.98	0.98	0.98	0.97
	τ_2	-0.87	-0.87	-0.87	-0.87	-0.87	-0.88
120.0	τ_0	-1.18	-1.14	-1.09	-1.05	-0.98	-0.91
	τ_1	1.09	1.08	1.08	1.08	1.08	1.08
	τ_2	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80
125.0	τ_0	-1.35	-1.30	-1.26	-1.21	-1.14	-1.07
	τ_1	1.16	1.16	1.15	1.15	1.15	1.15
	τ_2	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71
130.0	τ_0	-1.52	-1.47	-1.43	-1.39	-1.31	-1.25
	τ_1	1.20	1.19	1.19	1.19	1.19	1.19
	τ_2	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62
135.0	τ_0	-1.69	-1.64	-1.60	-1.56	-1.49	-1.42
	τ_1	1.20	1.20	1.20	1.20	1.19	1.19
	τ_2	-0.53	-0.53	-0.53	-0.53	-0.53	-0.53
140.0	τ_0	-1.87	-1.82	-1.77	-1.73	-1.66	-1.59
	τ_1	1.17	1.17	1.17	1.17	1.16	1.16
	τ_2	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44
145.0	τ_0	-2.03	-1.99	-1.94	-1.90	-1.83	-1.76
	τ_1	1.11	1.11	1.11	1.11	1.10	1.10
	τ_2	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35
150.0	τ_0	-2.19	-2.14	-2.10	-2.06	-1.99	-1.92
	τ_1	1.02	1.02	1.02	1.02	1.01	1.01
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
155.0	τ_0	-2.34	-2.29	-2.25	-2.21	-2.13	-2.07
	τ_1	0.90	0.90	0.90	0.90	0.89	0.89
	τ_2	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19
160.0	τ_0	-2.46	-2.42	-2.37	-2.33	-2.26	-2.19
	τ_1	0.75	0.75	0.75	0.75	0.75	0.75
	τ_2	-0.13	-0.13	-0.13	-0.13	-0.13	-0.13
165.0	τ_0	-2.57	-2.52	-2.48	-2.44	-2.36	-2.30
	τ_1	0.59	0.58	0.58	0.58	0.58	0.58
	τ_2	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
170.0	τ_0	-2.64	-2.59	-2.55	-2.51	-2.44	-2.37
	τ_1	0.40	0.40	0.40	0.40	0.40	0.40
	τ_2	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
175.0	τ_0	-2.69	-2.64	-2.60	-2.56	-2.48	-2.42
	τ_1	0.20	0.20	0.20	0.20	0.20	0.20
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
180.0	τ_0	-2.70	-2.66	-2.61	-2.57	-2.50	-2.44
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - PKiKP

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
0.0	τ_0	-2.35	-2.30	-2.26	-2.22	-2.14	-2.08
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00
5.0	τ_0	-2.34	-2.29	-2.24	-2.20	-2.13	-2.07
	τ_1	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
10.0	τ_0	-2.29	-2.25	-2.20	-2.16	-2.09	-2.02
	τ_1	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35
	τ_2	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
15.0	τ_0	-2.23	-2.18	-2.14	-2.10	-2.02	-1.96
	τ_1	-0.51	-0.51	-0.51	-0.51	-0.51	-0.51
	τ_2	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
20.0	τ_0	-2.13	-2.09	-2.04	-2.00	-1.93	-1.87
	τ_1	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65
	τ_2	-0.13	-0.13	-0.13	-0.13	-0.13	-0.13
25.0	τ_0	-2.02	-1.97	-1.93	-1.89	-1.82	-1.75
	τ_1	-0.77	-0.77	-0.77	-0.77	-0.77	-0.78
	τ_2	-0.19	-0.19	-0.19	-0.19	-0.19	-0.20
30.0	τ_0	-1.89	-1.84	-1.80	-1.76	-1.69	-1.62
	τ_1	-0.87	-0.87	-0.87	-0.87	-0.87	-0.87
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
35.0	τ_0	-1.75	-1.70	-1.66	-1.62	-1.54	-1.48
	τ_1	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94
	τ_2	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
40.0	τ_0	-1.60	-1.55	-1.51	-1.47	-1.39	-1.33
	τ_1	-0.97	-0.97	-0.97	-0.98	-0.98	-0.98
	τ_2	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45
45.0	τ_0	-1.44	-1.39	-1.35	-1.31	-1.24	-1.17
	τ_1	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98
	τ_2	-0.54	-0.54	-0.54	-0.54	-0.54	-0.54
50.0	τ_0	-1.29	-1.24	-1.20	-1.16	-1.08	-1.02
	τ_1	-0.95	-0.95	-0.95	-0.95	-0.95	-0.96
	τ_2	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64
55.0	τ_0	-1.14	-1.09	-1.05	-1.01	-0.93	-0.87
	τ_1	-0.89	-0.89	-0.89	-0.89	-0.90	-0.90
	τ_2	-0.73	-0.73	-0.73	-0.73	-0.73	-0.73
60.0	τ_0	-1.00	-0.95	-0.91	-0.87	-0.80	-0.73
	τ_1	-0.80	-0.80	-0.80	-0.80	-0.81	-0.81
	τ_2	-0.81	-0.81	-0.81	-0.81	-0.81	-0.81
65.0	τ_0	-0.88	-0.83	-0.79	-0.75	-0.67	-0.61
	τ_1	-0.68	-0.68	-0.69	-0.69	-0.69	-0.69
	τ_2	-0.89	-0.89	-0.89	-0.89	-0.89	-0.89
70.0	τ_0	-0.78	-0.73	-0.69	-0.65	-0.57	-0.51
	τ_1	-0.54	-0.54	-0.54	-0.55	-0.55	-0.55
	τ_2	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95
75.0	τ_0	-0.70	-0.65	-0.61	-0.57	-0.49	-0.43
	τ_1	-0.38	-0.38	-0.38	-0.38	-0.39	-0.39
	τ_2	-1.00	-1.01	-1.01	-1.01	-1.01	-1.01

80.0	τ_0	-0.64	-0.59	-0.55	-0.51	-0.44	-0.37
	τ_1	-0.20	-0.20	-0.21	-0.21	-0.21	-0.21
	τ_2	-1.04	-1.04	-1.04	-1.04	-1.04	-1.04
85.0	τ_0	-0.62	-0.57	-0.53	-0.48	-0.41	-0.34
	τ_1	-0.02	-0.02	-0.02	-0.02	-0.03	-0.03
	τ_2	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07
90.0	τ_0	-0.62	-0.57	-0.53	-0.49	-0.41	-0.35
	τ_1	0.17	0.17	0.17	0.17	0.16	0.16
	τ_2	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07
95.0	τ_0	-0.65	-0.60	-0.56	-0.52	-0.44	-0.38
	τ_1	0.36	0.36	0.36	0.36	0.35	0.35
	τ_2	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06
100.0	τ_0	-0.71	-0.66	-0.62	-0.58	-0.50	-0.44
	τ_1	0.54	0.54	0.54	0.54	0.53	0.53
	τ_2	-1.04	-1.04	-1.04	-1.04	-1.04	-1.04
105.0	τ_0	-0.79	-0.74	-0.70	-0.66	-0.59	-0.52
	τ_1	0.71	0.71	0.70	0.70	0.70	0.70
	τ_2	-0.99	-0.99	-1.00	-1.00	-1.00	-1.00
110.0	τ_0	-0.90	-0.85	-0.81	-0.77	-0.70	-0.63
	τ_1	0.86	0.86	0.85	0.85	0.85	0.85
	τ_2	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94
115.0	τ_0	-1.03	-0.99	-0.94	-0.90	-0.83	-0.76
	τ_1	0.98	0.98	0.98	0.98	0.98	0.97
	τ_2	-0.87	-0.87	-0.87	-0.87	-0.87	-0.88
120.0	τ_0	-1.18	-1.13	-1.09	-1.05	-0.98	-0.91
	τ_1	1.08	1.08	1.08	1.08	1.08	1.07
	τ_2	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80
125.0	τ_0	-1.34	-1.30	-1.25	-1.21	-1.14	-1.07
	τ_1	1.15	1.15	1.15	1.15	1.15	1.14
	τ_2	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71
130.0	τ_0	-1.51	-1.47	-1.42	-1.38	-1.31	-1.24
	τ_1	1.19	1.19	1.19	1.19	1.18	1.18
	τ_2	-0.62	-0.62	-0.62	-0.62	-0.62	-0.63
135.0	τ_0	-1.69	-1.64	-1.60	-1.56	-1.48	-1.42
	τ_1	1.20	1.19	1.19	1.19	1.19	1.19
	τ_2	-0.53	-0.53	-0.53	-0.53	-0.53	-0.53
140.0	τ_0	-1.86	-1.81	-1.77	-1.73	-1.66	-1.59
	τ_1	1.17	1.16	1.16	1.16	1.16	1.16
	τ_2	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44
145.0	τ_0	-2.03	-1.98	-1.94	-1.90	-1.82	-1.76
	τ_1	1.10	1.10	1.10	1.10	1.10	1.09
	τ_2	-0.35	-0.35	-0.36	-0.36	-0.36	-0.36
150.0	τ_0	-2.18	-2.13	-2.09	-2.05	-1.98	-1.91
	τ_1	1.01	1.01	1.01	1.00	1.00	1.00
	τ_2	-0.28	-0.28	-0.28	-0.28	-0.28	-0.28
155.0	τ_0	-2.32	-2.27	-2.23	-2.19	-2.11	-2.05
	τ_1	0.89	0.89	0.88	0.89	0.88	0.88
	τ_2	-0.21	-0.21	-0.20	-0.21	-0.21	-0.21

Ellipticity - pP

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
20.0	τ_0	-0.56	-0.59	-0.61	-0.61	-0.62	-0.63
	τ_1	-0.16	-0.21	-0.25	-0.30	-0.39	-0.48
	τ_2	-0.06	-0.06	-0.06	-0.07	-0.06	-0.06
25.0	τ_0	-0.63	-0.67	-0.68	-0.69	-0.73	-0.78
	τ_1	-0.23	-0.27	-0.31	-0.36	-0.43	-0.30
	τ_2	-0.06	-0.11	-0.10	-0.10	-0.13	-0.16
30.0	τ_0	-0.65	-0.70	-0.73	-0.75	-0.76	-0.78
	τ_1	-0.28	-0.32	-0.36	-0.40	-0.48	-0.57
	τ_2	-0.15	-0.15	-0.15	-0.15	-0.17	-0.19
35.0	τ_0	-0.66	-0.71	-0.74	-0.77	-0.79	-0.81
	τ_1	-0.33	-0.37	-0.41	-0.44	-0.53	-0.61
	τ_2	-0.20	-0.20	-0.20	-0.20	-0.22	-0.23
40.0	τ_0	-0.66	-0.70	-0.74	-0.77	-0.79	-0.74
	τ_1	-0.37	-0.41	-0.44	-0.48	-0.57	-0.66
	τ_2	-0.26	-0.26	-0.26	-0.26	-0.27	-0.31
45.0	τ_0	-0.64	-0.69	-0.73	-0.76	-0.79	-0.76
	τ_1	-0.39	-0.43	-0.47	-0.50	-0.59	-0.68
	τ_2	-0.33	-0.32	-0.32	-0.32	-0.33	-0.36
50.0	τ_0	-0.62	-0.66	-0.70	-0.73	-0.77	-0.76
	τ_1	-0.40	-0.43	-0.47	-0.51	-0.59	-0.69
	τ_2	-0.40	-0.39	-0.39	-0.39	-0.40	-0.42
55.0	τ_0	-0.58	-0.63	-0.67	-0.70	-0.75	-0.75
	τ_1	-0.39	-0.42	-0.46	-0.49	-0.58	-0.67
	τ_2	-0.47	-0.46	-0.46	-0.46	-0.46	-0.48
60.0	τ_0	-0.54	-0.59	-0.63	-0.67	-0.72	-0.73
	τ_1	-0.35	-0.38	-0.42	-0.46	-0.54	-0.63
	τ_2	-0.54	-0.53	-0.53	-0.53	-0.53	-0.54
65.0	τ_0	-0.51	-0.56	-0.60	-0.63	-0.69	-0.71
	τ_1	-0.29	-0.33	-0.36	-0.40	-0.48	-0.57
	τ_2	-0.60	-0.60	-0.60	-0.60	-0.60	-0.61
70.0	τ_0	-0.48	-0.52	-0.56	-0.60	-0.66	-0.69
	τ_1	-0.22	-0.25	-0.28	-0.32	-0.39	-0.48
	τ_2	-0.67	-0.66	-0.66	-0.66	-0.66	-0.67
75.0	τ_0	-0.45	-0.50	-0.54	-0.58	-0.64	-0.68
	τ_1	-0.12	-0.15	-0.18	-0.22	-0.29	-0.38
	τ_2	-0.72	-0.72	-0.71	-0.71	-0.71	-0.72
80.0	τ_0	-0.44	-0.49	-0.53	-0.57	-0.63	-0.68
	τ_1	-0.01	-0.04	-0.07	-0.10	-0.17	-0.25
	τ_2	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76
85.0	τ_0	-0.45	-0.50	-0.54	-0.58	-0.64	-0.69
	τ_1	0.12	0.09	0.07	0.03	-0.03	-0.11
	τ_2	-0.80	-0.79	-0.79	-0.79	-0.79	-0.79
90.0	τ_0	-0.47	-0.52	-0.56	-0.60	-0.67	-0.72
	τ_1	0.26	0.23	0.20	0.18	0.11	0.04
	τ_2	-0.82	-0.81	-0.81	-0.81	-0.81	-0.81
95.0	τ_0	-0.51	-0.56	-0.60	-0.64	-0.71	-0.76
	τ_1	0.37	0.35	0.32	0.30	0.24	0.17
	τ_2	-0.82	-0.82	-0.81	-0.81	-0.81	-0.82

100.0	τ_0	-0.57	-0.62	-0.66	-0.70	-0.77	-0.82
	τ_1	0.50	0.47	0.45	0.42	0.36	0.29
	τ_2	-0.81	-0.81	-0.81	-0.81	-0.81	-0.81

Ellipticity - pPKPab

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
145.0	τ_0	-1.91	-1.95	-2.00	-2.04	-2.12	-2.19
	τ_1	1.01	0.98	0.96	0.93	0.86	0.80
	τ_2	-0.40	-0.40	-0.40	-0.39	-0.38	-0.37
150.0	τ_0	-1.94	-1.99	-2.04	-2.08	-2.16	-2.23
	τ_1	0.86	0.84	0.81	0.79	0.74	0.69
	τ_2	-0.39	-0.39	-0.39	-0.39	-0.38	-0.38
155.0	τ_0	-2.02	-2.07	-2.11	-2.15	-2.23	-2.29
	τ_1	0.73	0.70	0.68	0.66	0.60	0.54
	τ_2	-0.37	-0.37	-0.36	-0.36	-0.36	-0.36
160.0	τ_0	-2.08	-2.13	-2.18	-2.22	-2.29	-2.35
	τ_1	0.59	0.57	0.54	0.52	0.46	0.40
	τ_2	-0.35	-0.35	-0.34	-0.34	-0.34	-0.34
165.0	τ_0	-2.14	-2.19	-2.23	-2.27	-2.34	-2.40
	τ_1	0.45	0.43	0.40	0.37	0.31	0.25
	τ_2	-0.34	-0.34	-0.33	-0.33	-0.33	-0.33
170.0	τ_0	-2.17	-2.22	-2.27	-2.31	-2.38	-2.43
	τ_1	0.30	0.28	0.25	0.22	0.16	0.10
	τ_2	-0.34	-0.34	-0.33	-0.33	-0.33	-0.34
175.0	τ_0	-2.19	-2.24	-2.28	-2.32	-2.39	-2.45
	τ_1	0.15	0.12	0.10	0.07	0.01	-0.06
	τ_2	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35

Ellipticity - pPKPbc

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
145.0	τ_0	-1.92	-1.98	-2.02	-2.07	-2.15	-2.22
	τ_1	1.02	1.01	0.98	0.95	0.89	0.82
	τ_2	-0.40	-0.39	-0.39	-0.38	-0.37	-0.36
150.0	τ_0	-2.16	-2.20	-2.25	-2.29	-2.35	-2.41
	τ_1	1.00	0.98	0.97	0.95	0.91	0.86
	τ_2	-0.28	-0.28	-0.28	-0.28	-0.29	-0.29
155.0	τ_0	-2.32	-2.37	-2.41	-2.45	-2.52	-2.58
	τ_1	0.89	0.87	0.86	0.85	0.81	0.78
	τ_2	-0.21	-0.21	-0.21	-0.21	-0.21	-0.21

Ellipticity - pPKPdf

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
115.0	τ_0	-1.04	-1.09	-1.14	-1.18	-1.26	-1.33
	τ_1	0.99	0.98	0.97	0.96	0.93	0.91
	τ_2	-0.87	-0.86	-0.86	-0.86	-0.85	-0.84
120.0	τ_0	-1.18	-1.23	-1.27	-1.32	-1.39	-1.45
	τ_1	1.09	1.07	1.06	1.05	1.02	0.99
	τ_2	-0.80	-0.80	-0.79	-0.79	-0.79	-0.80
125.0	τ_0	-1.35	-1.39	-1.44	-1.48	-1.55	-1.61
	τ_1	1.16	1.15	1.13	1.12	1.09	1.06
	τ_2	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71
130.0	τ_0	-1.52	-1.57	-1.61	-1.65	-1.72	-1.78
	τ_1	1.20	1.18	1.17	1.16	1.13	1.10
	τ_2	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62
135.0	τ_0	-1.69	-1.74	-1.78	-1.82	-1.90	-1.96
	τ_1	1.20	1.19	1.18	1.16	1.14	1.11
	τ_2	-0.53	-0.53	-0.53	-0.53	-0.53	-0.53
140.0	τ_0	-1.87	-1.91	-1.96	-2.00	-2.07	-2.13
	τ_1	1.17	1.16	1.15	1.14	1.11	1.08
	τ_2	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44
145.0	τ_0	-2.03	-2.08	-2.12	-2.17	-2.24	-2.30
	τ_1	1.11	1.10	1.09	1.08	1.05	1.02
	τ_2	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35
150.0	τ_0	-2.19	-2.24	-2.28	-2.32	-2.40	-2.46
	τ_1	1.02	1.01	1.00	0.99	0.96	0.94
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
155.0	τ_0	-2.34	-2.39	-2.43	-2.47	-2.54	-2.61
	τ_1	0.90	0.89	0.88	0.87	0.85	0.83
	τ_2	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19
160.0	τ_0	-2.46	-2.51	-2.55	-2.59	-2.67	-2.73
	τ_1	0.75	0.75	0.74	0.73	0.71	0.69
	τ_2	-0.13	-0.13	-0.13	-0.13	-0.13	-0.13
165.0	τ_0	-2.57	-2.61	-2.66	-2.70	-2.77	-2.83
	τ_1	0.59	0.58	0.58	0.57	0.56	0.54
	τ_2	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
170.0	τ_0	-2.64	-2.69	-2.73	-2.77	-2.85	-2.91
	τ_1	0.40	0.40	0.39	0.39	0.38	0.37
	τ_2	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
175.0	τ_0	-2.69	-2.74	-2.78	-2.82	-2.89	-2.96
	τ_1	0.20	0.20	0.20	0.20	0.19	0.19
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
180.0	τ_0	-2.70	-2.75	-2.80	-2.84	-2.91	-2.97
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - pPKiKP

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
0.0	τ_0	-2.35	-2.40	-2.44	-2.48	-2.55	-2.62
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00
5.0	τ_0	-2.34	-2.38	-2.43	-2.47	-2.54	-2.60
	τ_1	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
10.0	τ_0	-2.29	-2.34	-2.38	-2.42	-2.50	-2.56
	τ_1	-0.35	-0.35	-0.35	-0.35	-0.35	-0.36
	τ_2	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
15.0	τ_0	-2.23	-2.27	-2.32	-2.36	-2.43	-2.50
	τ_1	-0.51	-0.51	-0.51	-0.51	-0.52	-0.52
	τ_2	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
20.0	τ_0	-2.13	-2.18	-2.23	-2.27	-2.34	-2.40
	τ_1	-0.65	-0.65	-0.66	-0.66	-0.66	-0.67
	τ_2	-0.13	-0.13	-0.13	-0.13	-0.13	-0.13
25.0	τ_0	-2.02	-2.07	-2.11	-2.15	-2.23	-2.29
	τ_1	-0.77	-0.77	-0.78	-0.78	-0.79	-0.80
	τ_2	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19
30.0	τ_0	-1.89	-1.94	-1.98	-2.02	-2.10	-2.16
	τ_1	-0.87	-0.87	-0.88	-0.88	-0.89	-0.90
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
35.0	τ_0	-1.75	-1.80	-1.84	-1.88	-1.95	-2.02
	τ_1	-0.94	-0.94	-0.94	-0.95	-0.96	-0.97
	τ_2	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
40.0	τ_0	-1.60	-1.65	-1.69	-1.73	-1.80	-1.87
	τ_1	-0.97	-0.98	-0.98	-0.99	-1.00	-1.01
	τ_2	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45
45.0	τ_0	-1.44	-1.49	-1.53	-1.57	-1.65	-1.71
	τ_1	-0.98	-0.98	-0.99	-0.99	-1.01	-1.02
	τ_2	-0.54	-0.54	-0.54	-0.54	-0.54	-0.54
50.0	τ_0	-1.29	-1.34	-1.38	-1.42	-1.49	-1.56
	τ_1	-0.95	-0.96	-0.96	-0.97	-0.98	-1.00
	τ_2	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64
55.0	τ_0	-1.14	-1.19	-1.23	-1.27	-1.34	-1.41
	τ_1	-0.89	-0.90	-0.90	-0.91	-0.93	-0.94
	τ_2	-0.73	-0.73	-0.73	-0.73	-0.73	-0.73
60.0	τ_0	-1.00	-1.05	-1.09	-1.13	-1.21	-1.27
	τ_1	-0.80	-0.81	-0.81	-0.82	-0.84	-0.86
	τ_2	-0.81	-0.81	-0.81	-0.81	-0.81	-0.81
65.0	τ_0	-0.88	-0.93	-0.97	-1.01	-1.08	-1.15
	τ_1	-0.68	-0.69	-0.70	-0.71	-0.73	-0.75
	τ_2	-0.89	-0.89	-0.89	-0.89	-0.89	-0.89
70.0	τ_0	-0.78	-0.83	-0.87	-0.91	-0.98	-1.05
	τ_1	-0.54	-0.55	-0.56	-0.57	-0.59	-0.61
	τ_2	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95
75.0	τ_0	-0.70	-0.75	-0.79	-0.83	-0.90	-0.97
	τ_1	-0.38	-0.39	-0.40	-0.41	-0.43	-0.45
	τ_2	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

80.0	τ_0	-0.64	-0.69	-0.73	-0.77	-0.85	-0.91
	τ_1	-0.20	-0.21	-0.22	-0.23	-0.25	-0.28
	τ_2	-1.04	-1.04	-1.04	-1.04	-1.04	-1.04
85.0	τ_0	-0.62	-0.67	-0.71	-0.75	-0.82	-0.89
	τ_1	-0.02	-0.03	-0.04	-0.05	-0.07	-0.10
	τ_2	-1.07	-1.07	-1.06	-1.06	-1.06	-1.06
90.0	τ_0	-0.62	-0.67	-0.71	-0.75	-0.82	-0.89
	τ_1	0.17	0.16	0.15	0.14	0.12	0.09
	τ_2	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07
95.0	τ_0	-0.65	-0.70	-0.74	-0.78	-0.85	-0.92
	τ_1	0.36	0.35	0.34	0.33	0.30	0.27
	τ_2	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06
100.0	τ_0	-0.71	-0.76	-0.80	-0.84	-0.91	-0.98
	τ_1	0.54	0.53	0.52	0.51	0.48	0.45
	τ_2	-1.04	-1.04	-1.03	-1.03	-1.03	-1.04
105.0	τ_0	-0.79	-0.84	-0.88	-0.93	-1.00	-1.06
	τ_1	0.71	0.70	0.69	0.67	0.65	0.62
	τ_2	-0.99	-0.99	-0.99	-0.99	-0.99	-0.99
110.0	τ_0	-0.90	-0.95	-0.99	-1.03	-1.11	-1.17
	τ_1	0.86	0.85	0.84	0.82	0.80	0.76
	τ_2	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94
115.0	τ_0	-1.03	-1.08	-1.13	-1.17	-1.24	-1.30
	τ_1	0.98	0.97	0.96	0.95	0.92	0.89
	τ_2	-0.87	-0.87	-0.87	-0.87	-0.87	-0.87
120.0	τ_0	-1.18	-1.23	-1.27	-1.31	-1.39	-1.45
	τ_1	1.08	1.07	1.06	1.05	1.02	0.99
	τ_2	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80
125.0	τ_0	-1.34	-1.39	-1.44	-1.48	-1.55	-1.61
	τ_1	1.15	1.14	1.13	1.12	1.09	1.05
	τ_2	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71
130.0	τ_0	-1.51	-1.56	-1.61	-1.65	-1.72	-1.78
	τ_1	1.19	1.18	1.17	1.15	1.12	1.09
	τ_2	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62
135.0	τ_0	-1.69	-1.74	-1.78	-1.82	-1.89	-1.96
	τ_1	1.20	1.18	1.17	1.16	1.13	1.09
	τ_2	-0.53	-0.53	-0.53	-0.53	-0.53	-0.53
140.0	τ_0	-1.86	-1.91	-1.95	-1.99	-2.07	-2.13
	τ_1	1.17	1.15	1.14	1.13	1.10	1.06
	τ_2	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44
145.0	τ_0	-2.03	-2.08	-2.12	-2.16	-2.23	-2.29
	τ_1	1.10	1.09	1.08	1.07	1.03	1.00
	τ_2	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35
150.0	τ_0	-2.18	-2.23	-2.27	-2.31	-2.39	-2.45
	τ_1	1.01	1.00	0.99	0.97	0.94	0.91
	τ_2	-0.28	-0.27	-0.27	-0.27	-0.27	-0.28
155.0	τ_0	-2.32	-2.37	-2.41	-2.45	-2.52	-2.59
	τ_1	0.89	0.88	0.86	0.85	0.82	0.78
	τ_2	-0.21	-0.20	-0.20	-0.20	-0.20	-0.20

Ellipticity - sP

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
5.0	τ_0	-0.18	-0.25	-0.31	-0.38	-0.48	-0.59
	τ_1	-0.01	0.03	0.08	0.13	0.22	0.30
	τ_2	0.00	0.00	0.00	0.00	0.01	0.01
10.0	τ_0	-0.32	-0.39	-0.46	-0.52	-0.63	-0.72
	τ_1	-0.05	0.00	0.05	0.09	0.18	0.27
	τ_2	-0.01	-0.01	-0.01	0.00	0.00	0.01
15.0	τ_0	-0.45	-0.53	-0.59	-0.66	-0.77	-0.86
	τ_1	-0.10	-0.06	-0.01	0.03	0.12	0.21
	τ_2	-0.02	-0.02	-0.02	-0.01	-0.01	0.00
20.0	τ_0	-0.56	-0.64	-0.71	-0.78	-0.88	-0.98
	τ_1	-0.16	-0.13	-0.09	-0.06	0.04	0.14
	τ_2	-0.06	-0.06	-0.06	-0.06	-0.04	-0.02
25.0	τ_0	-0.63	-0.71	-0.78	-0.86	-0.97	-1.07
	τ_1	-0.23	-0.20	-0.17	-0.14	-0.06	0.01
	τ_2	-0.11	-0.11	-0.11	-0.10	-0.09	-0.08
30.0	τ_0	-0.65	-0.74	-0.81	-0.88	-1.01	-1.13
	τ_1	-0.28	-0.25	-0.23	-0.20	-0.15	-0.10
	τ_2	-0.15	-0.15	-0.15	-0.15	-0.14	-0.13
35.0	τ_0	-0.66	-0.75	-0.82	-0.89	-1.03	-1.14
	τ_1	-0.33	-0.30	-0.28	-0.25	-0.20	-0.15
	τ_2	-0.20	-0.20	-0.20	-0.20	-0.19	-0.18
40.0	τ_0	-0.66	-0.74	-0.82	-0.89	-1.03	-1.14
	τ_1	-0.37	-0.34	-0.32	-0.29	-0.25	-0.20
	τ_2	-0.26	-0.26	-0.26	-0.26	-0.25	-0.24
45.0	τ_0	-0.64	-0.73	-0.80	-0.88	-1.01	-1.13
	τ_1	-0.39	-0.37	-0.35	-0.32	-0.28	-0.24
	τ_2	-0.33	-0.32	-0.32	-0.32	-0.31	-0.31
50.0	τ_0	-0.62	-0.70	-0.78	-0.85	-0.99	-1.11
	τ_1	-0.40	-0.38	-0.36	-0.33	-0.29	-0.25
	τ_2	-0.40	-0.39	-0.39	-0.39	-0.38	-0.37
55.0	τ_0	-0.58	-0.67	-0.74	-0.82	-0.95	-1.07
	τ_1	-0.39	-0.37	-0.34	-0.32	-0.29	-0.25
	τ_2	-0.47	-0.46	-0.46	-0.46	-0.45	-0.44
60.0	τ_0	-0.54	-0.63	-0.71	-0.78	-0.92	-1.04
	τ_1	-0.35	-0.33	-0.31	-0.29	-0.26	-0.23
	τ_2	-0.54	-0.53	-0.53	-0.53	-0.52	-0.52
65.0	τ_0	-0.51	-0.59	-0.67	-0.74	-0.88	-1.00
	τ_1	-0.29	-0.28	-0.26	-0.24	-0.21	-0.18
	τ_2	-0.60	-0.60	-0.60	-0.60	-0.59	-0.58
70.0	τ_0	-0.48	-0.56	-0.64	-0.71	-0.85	-0.97
	τ_1	-0.22	-0.20	-0.18	-0.17	-0.14	-0.11
	τ_2	-0.67	-0.66	-0.66	-0.66	-0.65	-0.65
75.0	τ_0	-0.45	-0.54	-0.61	-0.69	-0.83	-0.95
	τ_1	-0.12	-0.11	-0.09	-0.08	-0.05	-0.03
	τ_2	-0.72	-0.72	-0.72	-0.71	-0.71	-0.70
80.0	τ_0	-0.44	-0.53	-0.60	-0.68	-0.82	-0.94
	τ_1	-0.01	0.01	0.02	0.03	0.06	0.08
	τ_2	-0.76	-0.76	-0.76	-0.76	-0.75	-0.75

85.0	τ_0	-0.45	-0.53	-0.61	-0.68	-0.82	-0.94
	τ_1	0.12	0.13	0.15	0.16	0.18	0.20
	τ_2	-0.80	-0.79	-0.79	-0.79	-0.79	-0.78
90.0	τ_0	-0.47	-0.56	-0.63	-0.71	-0.85	-0.97
	τ_1	0.26	0.27	0.28	0.29	0.31	0.32
	τ_2	-0.82	-0.82	-0.81	-0.81	-0.81	-0.80
95.0	τ_0	-0.51	-0.59	-0.67	-0.75	-0.88	-1.01
	τ_1	0.37	0.38	0.40	0.41	0.43	0.44
	τ_2	-0.82	-0.82	-0.82	-0.81	-0.81	-0.81
100.0	τ_0	-0.57	-0.65	-0.73	-0.81	-0.94	-1.06
	τ_1	0.49	0.51	0.52	0.53	0.54	0.56
	τ_2	-0.81	-0.81	-0.81	-0.81	-0.80	-0.80

Ellipticity - sPKPab

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
145.0	τ_0	-1.91	-1.99	-2.07	-2.15	-2.28	-2.41
	τ_1	1.01	1.01	1.02	1.03	1.02	1.03
	τ_2	-0.40	-0.40	-0.40	-0.40	-0.39	-0.38
150.0	τ_0	-1.94	-2.03	-2.11	-2.18	-2.32	-2.45
	τ_1	0.86	0.87	0.88	0.89	0.90	0.92
	τ_2	-0.39	-0.39	-0.39	-0.39	-0.38	-0.38
155.0	τ_0	-2.02	-2.10	-2.18	-2.26	-2.39	-2.52
	τ_1	0.73	0.74	0.75	0.76	0.77	0.79
	τ_2	-0.37	-0.37	-0.36	-0.36	-0.36	-0.36
160.0	τ_0	-2.08	-2.17	-2.24	-2.32	-2.46	-2.58
	τ_1	0.59	0.60	0.61	0.62	0.64	0.65
	τ_2	-0.35	-0.35	-0.35	-0.34	-0.34	-0.34
165.0	τ_0	-2.14	-2.22	-2.30	-2.37	-2.51	-2.63
	τ_1	0.45	0.46	0.47	0.48	0.50	0.51
	τ_2	-0.34	-0.34	-0.34	-0.33	-0.33	-0.33
170.0	τ_0	-2.17	-2.26	-2.34	-2.41	-2.55	-2.67
	τ_1	0.30	0.31	0.32	0.33	0.35	0.36
	τ_2	-0.34	-0.34	-0.34	-0.33	-0.33	-0.33
175.0	τ_0	-2.19	-2.28	-2.35	-2.43	-2.57	-2.69
	τ_1	0.15	0.16	0.17	0.18	0.20	0.21
	τ_2	-0.35	-0.35	-0.35	-0.35	-0.34	-0.34

Ellipticity - sPKPbc

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
145.0	τ_0	-1.92	-2.02	-2.09	-2.16	-2.31	-2.43
	τ_1	1.02	1.03	1.04	1.04	1.05	1.04
	τ_2	-0.40	-0.39	-0.39	-0.39	-0.38	-0.38
150.0	τ_0	-2.16	-2.24	-2.32	-2.39	-2.53	-2.64
	τ_1	1.00	1.00	1.01	1.01	1.02	1.02
	τ_2	-0.28	-0.29	-0.28	-0.28	-0.28	-0.28
155.0	τ_0	-2.32	-2.40	-2.48	-2.55	-2.69	-2.81
	τ_1	0.89	0.89	0.89	0.90	0.90	0.91
	τ_2	-0.21	-0.21	-0.21	-0.21	-0.20	-0.20

Ellipticity - sPKPdf

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
115.0	τ_0	-1.04	-1.13	-1.20	-1.28	-1.42	-1.54
	τ_1	0.99	0.99	1.00	1.00	1.01	1.02
	τ_2	-0.87	-0.86	-0.86	-0.86	-0.86	-0.85
120.0	τ_0	-1.18	-1.27	-1.34	-1.42	-1.56	-1.67
	τ_1	1.09	1.09	1.09	1.10	1.10	1.11
	τ_2	-0.80	-0.80	-0.80	-0.79	-0.79	-0.79
125.0	τ_0	-1.35	-1.43	-1.51	-1.58	-1.72	-1.84
	τ_1	1.16	1.16	1.16	1.17	1.17	1.18
	τ_2	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71
130.0	τ_0	-1.52	-1.60	-1.68	-1.75	-1.89	-2.01
	τ_1	1.20	1.20	1.20	1.21	1.21	1.22
	τ_2	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62
135.0	τ_0	-1.69	-1.78	-1.85	-1.93	-2.06	-2.18
	τ_1	1.20	1.20	1.21	1.21	1.22	1.22
	τ_2	-0.53	-0.53	-0.53	-0.53	-0.53	-0.53
140.0	τ_0	-1.87	-1.95	-2.03	-2.10	-2.24	-2.36
	τ_1	1.17	1.18	1.18	1.18	1.19	1.19
	τ_2	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44
145.0	τ_0	-2.03	-2.12	-2.20	-2.27	-2.41	-2.52
	τ_1	1.11	1.11	1.12	1.12	1.13	1.13
	τ_2	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35
150.0	τ_0	-2.19	-2.28	-2.35	-2.43	-2.56	-2.68
	τ_1	1.02	1.02	1.03	1.03	1.03	1.03
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.27	-0.26
155.0	τ_0	-2.34	-2.42	-2.50	-2.57	-2.71	-2.83
	τ_1	0.90	0.90	0.90	0.91	0.91	0.91
	τ_2	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19
160.0	τ_0	-2.46	-2.55	-2.62	-2.70	-2.83	-2.95
	τ_1	0.75	0.76	0.76	0.76	0.76	0.76
	τ_2	-0.13	-0.13	-0.13	-0.13	-0.13	-0.13
165.0	τ_0	-2.57	-2.65	-2.73	-2.80	-2.94	-3.05
	τ_1	0.59	0.59	0.59	0.59	0.59	0.60
	τ_2	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
170.0	τ_0	-2.64	-2.73	-2.80	-2.88	-3.01	-3.13
	τ_1	0.40	0.40	0.40	0.40	0.41	0.41
	τ_2	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
175.0	τ_0	-2.69	-2.77	-2.85	-2.92	-3.06	-3.18
	τ_1	0.20	0.20	0.20	0.20	0.21	0.21
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
180.0	τ_0	-2.70	-2.79	-2.87	-2.94	-3.08	-3.19
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - sPKiKP

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
0.0	τ_0	-2.35	-2.43	-2.51	-2.58	-2.72	-2.84
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00
5.0	τ_0	-2.34	-2.42	-2.50	-2.57	-2.71	-2.82
	τ_1	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
10.0	τ_0	-2.29	-2.38	-2.45	-2.53	-2.66	-2.78
	τ_1	-0.35	-0.35	-0.35	-0.35	-0.35	-0.34
	τ_2	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
15.0	τ_0	-2.23	-2.31	-2.39	-2.46	-2.60	-2.72
	τ_1	-0.51	-0.51	-0.51	-0.50	-0.50	-0.50
	τ_2	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
20.0	τ_0	-2.13	-2.22	-2.30	-2.37	-2.51	-2.62
	τ_1	-0.65	-0.65	-0.65	-0.65	-0.65	-0.64
	τ_2	-0.13	-0.13	-0.13	-0.13	-0.13	-0.13
25.0	τ_0	-2.02	-2.11	-2.18	-2.26	-2.39	-2.51
	τ_1	-0.77	-0.77	-0.77	-0.77	-0.77	-0.76
	τ_2	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19
30.0	τ_0	-1.89	-1.98	-2.05	-2.13	-2.26	-2.38
	τ_1	-0.87	-0.87	-0.86	-0.86	-0.86	-0.86
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
35.0	τ_0	-1.75	-1.83	-1.91	-1.98	-2.12	-2.24
	τ_1	-0.94	-0.93	-0.93	-0.93	-0.93	-0.93
	τ_2	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
40.0	τ_0	-1.60	-1.68	-1.76	-1.83	-1.97	-2.09
	τ_1	-0.97	-0.97	-0.97	-0.97	-0.96	-0.96
	τ_2	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45
45.0	τ_0	-1.44	-1.53	-1.60	-1.68	-1.81	-1.93
	τ_1	-0.98	-0.97	-0.97	-0.97	-0.97	-0.97
	τ_2	-0.54	-0.54	-0.54	-0.54	-0.54	-0.54
50.0	τ_0	-1.29	-1.37	-1.45	-1.52	-1.66	-1.78
	τ_1	-0.95	-0.95	-0.94	-0.94	-0.94	-0.94
	τ_2	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64
55.0	τ_0	-1.14	-1.22	-1.30	-1.37	-1.51	-1.63
	τ_1	-0.89	-0.89	-0.88	-0.88	-0.88	-0.88
	τ_2	-0.73	-0.73	-0.73	-0.73	-0.73	-0.73
60.0	τ_0	-1.00	-1.09	-1.16	-1.24	-1.37	-1.49
	τ_1	-0.80	-0.80	-0.79	-0.79	-0.79	-0.79
	τ_2	-0.81	-0.81	-0.81	-0.81	-0.81	-0.81
65.0	τ_0	-0.88	-0.96	-1.04	-1.12	-1.25	-1.37
	τ_1	-0.68	-0.68	-0.68	-0.67	-0.67	-0.67
	τ_2	-0.89	-0.89	-0.89	-0.89	-0.89	-0.89
70.0	τ_0	-0.78	-0.86	-0.94	-1.01	-1.15	-1.27
	τ_1	-0.54	-0.54	-0.53	-0.53	-0.53	-0.52
	τ_2	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95
75.0	τ_0	-0.70	-0.78	-0.86	-0.93	-1.07	-1.19
	τ_1	-0.38	-0.38	-0.37	-0.37	-0.37	-0.36
	τ_2	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00

80.0	τ_0	-0.64	-0.73	-0.80	-0.88	-1.01	-1.13
	τ_1	-0.20	-0.20	-0.20	-0.19	-0.19	-0.19
	τ_2	-1.04	-1.04	-1.04	-1.04	-1.04	-1.04
85.0	τ_0	-0.62	-0.70	-0.78	-0.85	-0.99	-1.11
	τ_1	-0.02	-0.01	-0.01	-0.01	0.00	0.00
	τ_2	-1.07	-1.07	-1.07	-1.06	-1.06	-1.06
90.0	τ_0	-0.62	-0.70	-0.78	-0.85	-0.99	-1.11
	τ_1	0.17	0.18	0.18	0.18	0.19	0.19
	τ_2	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07
95.0	τ_0	-0.65	-0.73	-0.81	-0.88	-1.02	-1.14
	τ_1	0.36	0.36	0.37	0.37	0.38	0.38
	τ_2	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06
100.0	τ_0	-0.71	-0.79	-0.87	-0.94	-1.08	-1.20
	τ_1	0.54	0.55	0.55	0.55	0.56	0.56
	τ_2	-1.04	-1.04	-1.04	-1.03	-1.03	-1.03
105.0	τ_0	-0.79	-0.88	-0.95	-1.03	-1.17	-1.28
	τ_1	0.71	0.71	0.72	0.72	0.72	0.73
	τ_2	-0.99	-0.99	-0.99	-0.99	-0.99	-0.99
110.0	τ_0	-0.90	-0.99	-1.06	-1.14	-1.27	-1.39
	τ_1	0.86	0.86	0.87	0.87	0.87	0.88
	τ_2	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94
115.0	τ_0	-1.03	-1.12	-1.20	-1.27	-1.41	-1.52
	τ_1	0.98	0.99	0.99	1.00	1.00	1.01
	τ_2	-0.87	-0.87	-0.87	-0.87	-0.87	-0.87
120.0	τ_0	-1.18	-1.27	-1.34	-1.42	-1.55	-1.67
	τ_1	1.08	1.09	1.09	1.10	1.10	1.11
	τ_2	-0.80	-0.80	-0.80	-0.80	-0.79	-0.79
125.0	τ_0	-1.34	-1.43	-1.51	-1.58	-1.72	-1.83
	τ_1	1.15	1.16	1.16	1.17	1.17	1.18
	τ_2	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71
130.0	τ_0	-1.51	-1.60	-1.68	-1.75	-1.89	-2.01
	τ_1	1.19	1.20	1.20	1.20	1.21	1.21
	τ_2	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62
135.0	τ_0	-1.69	-1.77	-1.85	-1.92	-2.06	-2.18
	τ_1	1.20	1.20	1.20	1.21	1.21	1.22
	τ_2	-0.53	-0.53	-0.53	-0.53	-0.53	-0.53
140.0	τ_0	-1.86	-1.95	-2.02	-2.10	-2.23	-2.35
	τ_1	1.17	1.17	1.17	1.18	1.18	1.19
	τ_2	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44
145.0	τ_0	-2.03	-2.11	-2.19	-2.26	-2.40	-2.52
	τ_1	1.10	1.11	1.11	1.12	1.12	1.13
	τ_2	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35
150.0	τ_0	-2.18	-2.27	-2.34	-2.42	-2.55	-2.67
	τ_1	1.01	1.01	1.02	1.02	1.03	1.03
	τ_2	-0.28	-0.27	-0.27	-0.27	-0.27	-0.27
155.0	τ_0	-2.32	-2.41	-2.48	-2.56	-2.69	-2.81
	τ_1	0.89	0.89	0.90	0.90	0.91	0.91
	τ_2	-0.21	-0.20	-0.20	-0.20	-0.20	-0.20

Ellipticity - PcP

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
0.0	τ_0	-1.50	-1.45	-1.41	-1.37	-1.30	-1.23
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00
5.0	τ_0	-1.49	-1.44	-1.40	-1.36	-1.29	-1.22
	τ_1	-0.11	-0.11	-0.11	-0.12	-0.12	-0.12
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
10.0	τ_0	-1.46	-1.41	-1.37	-1.33	-1.26	-1.19
	τ_1	-0.22	-0.22	-0.22	-0.23	-0.23	-0.24
	τ_2	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
15.0	τ_0	-1.41	-1.36	-1.32	-1.28	-1.20	-1.14
	τ_1	-0.32	-0.32	-0.33	-0.33	-0.33	-0.34
	τ_2	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06
20.0	τ_0	-1.34	-1.30	-1.25	-1.21	-1.14	-1.07
	τ_1	-0.40	-0.41	-0.41	-0.42	-0.42	-0.43
	τ_2	-0.10	-0.10	-0.10	-0.10	-0.11	-0.11
25.0	τ_0	-1.26	-1.21	-1.17	-1.13	-1.06	-0.99
	τ_1	-0.47	-0.48	-0.48	-0.49	-0.50	-0.51
	τ_2	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16
30.0	τ_0	-1.17	-1.12	-1.08	-1.04	-0.96	-0.90
	τ_1	-0.52	-0.53	-0.53	-0.54	-0.55	-0.56
	τ_2	-0.22	-0.22	-0.22	-0.22	-0.22	-0.22
35.0	τ_0	-1.08	-1.03	-0.98	-0.94	-0.87	-0.80
	τ_1	-0.55	-0.56	-0.57	-0.57	-0.58	-0.59
	τ_2	-0.28	-0.28	-0.28	-0.29	-0.29	-0.29
40.0	τ_0	-0.98	-0.93	-0.88	-0.84	-0.77	-0.70
	τ_1	-0.56	-0.57	-0.57	-0.58	-0.59	-0.61
	τ_2	-0.35	-0.35	-0.35	-0.36	-0.36	-0.36
45.0	τ_0	-0.88	-0.83	-0.78	-0.74	-0.67	-0.60
	τ_1	-0.55	-0.56	-0.56	-0.57	-0.58	-0.60
	τ_2	-0.42	-0.42	-0.42	-0.43	-0.43	-0.43
50.0	τ_0	-0.78	-0.73	-0.69	-0.65	-0.57	-0.50
	τ_1	-0.51	-0.52	-0.53	-0.54	-0.55	-0.57
	τ_2	-0.49	-0.49	-0.49	-0.50	-0.50	-0.50
55.0	τ_0	-0.69	-0.65	-0.60	-0.56	-0.48	-0.42
	τ_1	-0.46	-0.47	-0.48	-0.48	-0.50	-0.51
	τ_2	-0.56	-0.56	-0.56	-0.56	-0.56	-0.57
60.0	τ_0	-0.62	-0.57	-0.52	-0.48	-0.41	-0.34
	τ_1	-0.39	-0.40	-0.41	-0.41	-0.43	-0.44
	τ_2	-0.62	-0.62	-0.62	-0.62	-0.63	-0.63
65.0	τ_0	-0.55	-0.50	-0.46	-0.42	-0.34	-0.27
	τ_1	-0.30	-0.31	-0.32	-0.33	-0.34	-0.36
	τ_2	-0.67	-0.68	-0.68	-0.68	-0.68	-0.69
70.0	τ_0	-0.50	-0.45	-0.41	-0.37	-0.29	-0.22
	τ_1	-0.20	-0.21	-0.22	-0.23	-0.24	-0.26
	τ_2	-0.72	-0.72	-0.73	-0.73	-0.73	-0.73
75.0	τ_0	-0.47	-0.42	-0.37	-0.33	-0.26	-0.19
	τ_1	-0.09	-0.10	-0.11	-0.12	-0.13	-0.15
	τ_2	-0.76	-0.76	-0.76	-0.77	-0.77	-0.77

80.0	τ_0	-0.45	-0.40	-0.36	-0.32	-0.24	-0.17
	τ_1	0.03	0.02	0.01	0.00	-0.02	-0.03
	τ_2	-0.79	-0.79	-0.79	-0.80	-0.80	-0.80
85.0	τ_0	-0.45	-0.40	-0.36	-0.32	-0.24	-0.17
	τ_1	0.15	0.14	0.13	0.12	0.10	0.09
	τ_2	-0.81	-0.81	-0.81	-0.82	-0.82	-0.82
90.0	τ_0	-0.47	-0.42	-0.38	-0.34	-0.26	-0.19
	τ_1	0.27	0.26	0.25	0.24	0.22	0.21
	τ_2	-0.82	-0.82	-0.82	-0.83	-0.83	-0.83

Ellipticity - ScP

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
0.0	τ_0	-2.12	-2.04	-1.96	-1.89	-1.75	-1.63
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00
5.0	τ_0	-2.11	-2.03	-1.95	-1.88	-1.74	-1.62
	τ_1	-0.11	-0.11	-0.12	-0.12	-0.12	-0.12
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
10.0	τ_0	-2.08	-1.99	-1.92	-1.84	-1.71	-1.59
	τ_1	-0.22	-0.22	-0.23	-0.23	-0.23	-0.24
	τ_2	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
15.0	τ_0	-2.03	-1.94	-1.86	-1.79	-1.65	-1.54
	τ_1	-0.32	-0.32	-0.33	-0.33	-0.34	-0.35
	τ_2	-0.06	-0.06	-0.06	-0.06	-0.07	-0.07
20.0	τ_0	-1.96	-1.87	-1.80	-1.72	-1.58	-1.47
	τ_1	-0.40	-0.41	-0.41	-0.42	-0.43	-0.44
	τ_2	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11
25.0	τ_0	-1.87	-1.79	-1.71	-1.64	-1.50	-1.38
	τ_1	-0.47	-0.47	-0.48	-0.48	-0.50	-0.51
	τ_2	-0.17	-0.17	-0.17	-0.17	-0.17	-0.17
30.0	τ_0	-1.78	-1.70	-1.62	-1.55	-1.41	-1.29
	τ_1	-0.51	-0.52	-0.53	-0.53	-0.55	-0.56
	τ_2	-0.23	-0.23	-0.23	-0.23	-0.23	-0.24
35.0	τ_0	-1.69	-1.60	-1.52	-1.45	-1.31	-1.19
	τ_1	-0.54	-0.55	-0.55	-0.56	-0.58	-0.59
	τ_2	-0.30	-0.30	-0.30	-0.30	-0.30	-0.31
40.0	τ_0	-1.59	-1.50	-1.42	-1.35	-1.21	-1.09
	τ_1	-0.54	-0.55	-0.56	-0.57	-0.58	-0.60
	τ_2	-0.37	-0.37	-0.37	-0.38	-0.38	-0.38
45.0	τ_0	-1.49	-1.40	-1.33	-1.25	-1.11	-0.99
	τ_1	-0.53	-0.54	-0.55	-0.55	-0.57	-0.59
	τ_2	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45
50.0	τ_0	-1.40	-1.31	-1.23	-1.16	-1.02	-0.90
	τ_1	-0.49	-0.50	-0.51	-0.52	-0.54	-0.55
	τ_2	-0.52	-0.52	-0.52	-0.52	-0.52	-0.52
55.0	τ_0	-1.31	-1.23	-1.15	-1.07	-0.94	-0.82
	τ_1	-0.44	-0.45	-0.46	-0.47	-0.48	-0.50
	τ_2	-0.59	-0.59	-0.59	-0.59	-0.59	-0.59
60.0	τ_0	-1.23	-1.15	-1.07	-1.00	-0.86	-0.74
	τ_1	-0.37	-0.38	-0.39	-0.39	-0.41	-0.43
	τ_2	-0.65	-0.65	-0.65	-0.66	-0.66	-0.66

Ellipticity - SKPab

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
130.0	τ_0	-1.97	-1.89	-1.80	-1.72	-1.57	-1.44
	τ_1	1.22	1.22	1.21	1.20	1.17	1.15
	τ_2	-0.68	-0.69	-0.69	-0.70	-0.71	-0.72
135.0	τ_0	-2.04	-1.95	-1.87	-1.80	-1.66	-1.53
	τ_1	1.18	1.17	1.16	1.15	1.13	1.12
	τ_2	-0.66	-0.67	-0.67	-0.67	-0.68	-0.68
140.0	τ_0	-2.15	-2.06	-1.98	-1.90	-1.76	-1.64
	τ_1	1.14	1.13	1.12	1.11	1.10	1.08
	τ_2	-0.62	-0.63	-0.63	-0.63	-0.63	-0.64

Ellipticity - SKPbc

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
130.0	τ_0	-1.99	-1.90	-1.82	-1.76	-1.63	-1.52
	τ_1	1.24	1.23	1.22	1.22	1.22	1.22
	τ_2	-0.67	-0.68	-0.68	-0.68	-0.68	-0.67
135.0	τ_0	-2.23	-2.15	-2.07	-2.00	-1.86	-1.75
	τ_1	1.28	1.28	1.27	1.27	1.26	1.25
	τ_2	-0.56	-0.56	-0.56	-0.57	-0.57	-0.57
140.0	τ_0	-2.44	-2.35	-2.28	-2.20	-2.07	-1.95
	τ_1	1.26	1.26	1.25	1.25	1.24	1.24
	τ_2	-0.46	-0.46	-0.46	-0.47	-0.47	-0.47
145.0	τ_0	-2.63	-2.54	-2.47	-2.39	-2.26	-2.14
	τ_1	1.20	1.20	1.19	1.19	1.18	1.18
	τ_2	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37
150.0	τ_0	-2.79	-2.71	-2.64	-2.56	-2.43	-2.31
	τ_1	1.11	1.10	1.10	1.10	1.09	1.09
	τ_2	-0.29	-0.28	-0.28	-0.29	-0.29	-0.29

Ellipticity - SKPdf

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
110.0	τ_0	-1.52	-1.43	-1.36	-1.28	-1.14	-1.02
	τ_1	0.94	0.94	0.93	0.93	0.92	0.92
	τ_2	-0.94	-0.95	-0.95	-0.95	-0.95	-0.95
115.0	τ_0	-1.65	-1.56	-1.49	-1.41	-1.28	-1.16
	τ_1	1.07	1.06	1.06	1.06	1.05	1.05
	τ_2	-0.88	-0.88	-0.88	-0.88	-0.88	-0.88
120.0	τ_0	-1.80	-1.71	-1.64	-1.56	-1.42	-1.31
	τ_1	1.17	1.17	1.16	1.16	1.16	1.15
	τ_2	-0.80	-0.80	-0.81	-0.81	-0.81	-0.81
125.0	τ_0	-1.96	-1.88	-1.80	-1.72	-1.59	-1.47
	τ_1	1.24	1.24	1.23	1.23	1.23	1.22
	τ_2	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72
130.0	τ_0	-2.13	-2.05	-1.97	-1.90	-1.76	-1.64
	τ_1	1.28	1.27	1.27	1.27	1.26	1.26
	τ_2	-0.63	-0.63	-0.63	-0.63	-0.63	-0.63
135.0	τ_0	-2.31	-2.22	-2.15	-2.07	-1.94	-1.82
	τ_1	1.28	1.28	1.27	1.27	1.27	1.26
	τ_2	-0.54	-0.54	-0.54	-0.54	-0.54	-0.54
140.0	τ_0	-2.48	-2.40	-2.32	-2.25	-2.11	-1.99
	τ_1	1.25	1.25	1.24	1.24	1.24	1.23
	τ_2	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45
145.0	τ_0	-2.65	-2.57	-2.49	-2.42	-2.28	-2.16
	τ_1	1.18	1.18	1.18	1.17	1.17	1.17
	τ_2	-0.35	-0.35	-0.36	-0.36	-0.36	-0.36
150.0	τ_0	-2.81	-2.73	-2.65	-2.58	-2.44	-2.32
	τ_1	1.08	1.08	1.08	1.08	1.07	1.07
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
155.0	τ_0	-2.96	-2.87	-2.80	-2.72	-2.59	-2.47
	τ_1	0.95	0.95	0.95	0.95	0.94	0.94
	τ_2	-0.19	-0.19	-0.19	-0.19	-0.19	-0.20
160.0	τ_0	-3.08	-3.00	-2.92	-2.85	-2.71	-2.60
	τ_1	0.80	0.80	0.79	0.79	0.79	0.79
	τ_2	-0.13	-0.13	-0.13	-0.13	-0.13	-0.13
165.0	τ_0	-3.19	-3.10	-3.03	-2.95	-2.82	-2.70
	τ_1	0.62	0.62	0.62	0.62	0.61	0.61
	τ_2	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
170.0	τ_0	-3.26	-3.18	-3.10	-3.03	-2.89	-2.77
	τ_1	0.42	0.42	0.42	0.42	0.42	0.42
	τ_2	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
175.0	τ_0	-3.31	-3.22	-3.15	-3.07	-2.94	-2.82
	τ_1	0.21	0.21	0.21	0.21	0.21	0.21
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
180.0	τ_0	-3.32	-3.24	-3.16	-3.09	-2.95	-2.84
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - SKiKP

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
0.0	τ_0	-2.97	-2.88	-2.81	-2.73	-2.60	-2.48
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00
5.0	τ_0	-2.96	-2.87	-2.79	-2.72	-2.58	-2.47
	τ_1	-0.17	-0.17	-0.17	-0.17	-0.17	-0.17
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
10.0	τ_0	-2.91	-2.83	-2.75	-2.68	-2.54	-2.42
	τ_1	-0.34	-0.34	-0.34	-0.34	-0.34	-0.34
	τ_2	-0.03	-0.03	-0.03	-0.03	-0.03	-0.03
15.0	τ_0	-2.85	-2.76	-2.68	-2.61	-2.47	-2.36
	τ_1	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
	τ_2	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
20.0	τ_0	-2.75	-2.67	-2.59	-2.52	-2.38	-2.26
	τ_1	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64
	τ_2	-0.13	-0.13	-0.13	-0.13	-0.13	-0.13
25.0	τ_0	-2.64	-2.56	-2.48	-2.41	-2.27	-2.15
	τ_1	-0.75	-0.75	-0.75	-0.76	-0.76	-0.76
	τ_2	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20
30.0	τ_0	-2.51	-2.43	-2.35	-2.27	-2.14	-2.02
	τ_1	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
35.0	τ_0	-2.37	-2.28	-2.21	-2.13	-2.00	-1.88
	τ_1	-0.91	-0.91	-0.91	-0.91	-0.92	-0.92
	τ_2	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
40.0	τ_0	-2.21	-2.13	-2.05	-1.98	-1.84	-1.72
	τ_1	-0.94	-0.94	-0.95	-0.95	-0.95	-0.95
	τ_2	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45
45.0	τ_0	-2.06	-1.97	-1.90	-1.82	-1.69	-1.57
	τ_1	-0.94	-0.94	-0.95	-0.95	-0.95	-0.95
	τ_2	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55
50.0	τ_0	-1.90	-1.82	-1.74	-1.67	-1.53	-1.41
	τ_1	-0.91	-0.91	-0.92	-0.92	-0.92	-0.92
	τ_2	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64
55.0	τ_0	-1.75	-1.67	-1.59	-1.52	-1.38	-1.26
	τ_1	-0.85	-0.85	-0.85	-0.85	-0.86	-0.86
	τ_2	-0.73	-0.73	-0.73	-0.73	-0.73	-0.73
60.0	τ_0	-1.62	-1.53	-1.45	-1.38	-1.24	-1.13
	τ_1	-0.75	-0.76	-0.76	-0.76	-0.76	-0.77
	τ_2	-0.82	-0.82	-0.82	-0.82	-0.82	-0.82
65.0	τ_0	-1.49	-1.41	-1.33	-1.26	-1.12	-1.00
	τ_1	-0.63	-0.63	-0.64	-0.64	-0.64	-0.65
	τ_2	-0.89	-0.89	-0.89	-0.89	-0.89	-0.89
70.0	τ_0	-1.39	-1.31	-1.23	-1.16	-1.02	-0.90
	τ_1	-0.49	-0.49	-0.49	-0.49	-0.50	-0.50
	τ_2	-0.96	-0.96	-0.96	-0.96	-0.96	-0.96
75.0	τ_0	-1.31	-1.23	-1.15	-1.08	-0.94	-0.82
	τ_1	-0.32	-0.32	-0.33	-0.33	-0.33	-0.34
	τ_2	-1.01	-1.01	-1.01	-1.01	-1.01	-1.01

80.0	τ_0	-1.26	-1.17	-1.10	-1.02	-0.88	-0.77
	τ_1	-0.14	-0.14	-0.15	-0.15	-0.15	-0.16
	τ_2	-1.05	-1.05	-1.05	-1.05	-1.05	-1.05
85.0	τ_0	-1.23	-1.14	-1.07	-0.99	-0.86	-0.74
	τ_1	0.05	0.04	0.04	0.04	0.03	0.03
	τ_2	-1.07	-1.07	-1.07	-1.07	-1.07	-1.08
90.0	τ_0	-1.23	-1.15	-1.07	-1.00	-0.86	-0.74
	τ_1	0.24	0.24	0.24	0.23	0.23	0.22
	τ_2	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08
95.0	τ_0	-1.26	-1.18	-1.10	-1.03	-0.89	-0.77
	τ_1	0.43	0.43	0.43	0.42	0.42	0.41
	τ_2	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07
100.0	τ_0	-1.32	-1.24	-1.16	-1.08	-0.95	-0.83
	τ_1	0.62	0.61	0.61	0.61	0.60	0.60
	τ_2	-1.04	-1.04	-1.04	-1.05	-1.05	-1.05
105.0	τ_0	-1.41	-1.32	-1.24	-1.17	-1.03	-0.91
	τ_1	0.79	0.78	0.78	0.78	0.77	0.77
	τ_2	-1.00	-1.00	-1.00	-1.00	-1.01	-1.01
110.0	τ_0	-1.52	-1.43	-1.35	-1.28	-1.14	-1.02
	τ_1	0.94	0.94	0.93	0.93	0.92	0.92
	τ_2	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95
115.0	τ_0	-1.65	-1.56	-1.49	-1.41	-1.27	-1.16
	τ_1	1.07	1.06	1.06	1.06	1.05	1.05
	τ_2	-0.88	-0.88	-0.88	-0.88	-0.88	-0.88
120.0	τ_0	-1.80	-1.71	-1.63	-1.56	-1.42	-1.30
	τ_1	1.17	1.17	1.16	1.16	1.16	1.15
	τ_2	-0.81	-0.81	-0.81	-0.81	-0.81	-0.81
125.0	τ_0	-1.96	-1.87	-1.80	-1.72	-1.59	-1.47
	τ_1	1.24	1.24	1.24	1.23	1.23	1.22
	τ_2	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72
130.0	τ_0	-2.13	-2.04	-1.97	-1.89	-1.76	-1.64
	τ_1	1.28	1.28	1.27	1.27	1.27	1.26
	τ_2	-0.63	-0.63	-0.63	-0.63	-0.63	-0.63
135.0	τ_0	-2.30	-2.22	-2.14	-2.07	-1.93	-1.81
	τ_1	1.29	1.28	1.28	1.28	1.27	1.27
	τ_2	-0.54	-0.54	-0.54	-0.54	-0.54	-0.54
140.0	τ_0	-2.48	-2.39	-2.31	-2.24	-2.10	-1.98
	τ_1	1.26	1.25	1.25	1.25	1.24	1.24
	τ_2	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45
145.0	τ_0	-2.64	-2.56	-2.48	-2.41	-2.27	-2.15
	τ_1	1.20	1.19	1.19	1.19	1.18	1.18
	τ_2	-0.36	-0.36	-0.36	-0.37	-0.37	-0.37

Ellipticity - PKKPab

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
235.0	τ_0	-1.17	-1.13	-1.09	-1.06	-1.00	-0.93
	τ_1	1.55	1.55	1.54	1.54	1.48	1.43
	τ_2	-1.35	-1.35	-1.35	-1.35	-1.34	-1.34
240.0	τ_0	-1.13	-1.09	-1.04	-1.00	-0.93	-0.86
	τ_1	1.44	1.42	1.41	1.40	1.37	1.34
	τ_2	-1.39	-1.39	-1.40	-1.40	-1.40	-1.40
245.0	τ_0	-1.07	-1.02	-0.97	-0.93	-0.86	-0.79
	τ_1	1.35	1.33	1.32	1.31	1.29	1.27
	τ_2	-1.45	-1.46	-1.46	-1.46	-1.46	-1.46
250.0	τ_0	-1.01	-0.96	-0.92	-0.88	-0.80	-0.73
	τ_1	1.25	1.24	1.23	1.22	1.20	1.18
	τ_2	-1.51	-1.51	-1.51	-1.51	-1.52	-1.52
255.0	τ_0	-0.97	-0.92	-0.87	-0.83	-0.76	-0.69
	τ_1	1.15	1.14	1.13	1.12	1.10	1.09
	τ_2	-1.55	-1.56	-1.56	-1.56	-1.56	-1.57

Ellipticity - PKKPbc

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
235.0	τ_0	-1.16	-1.12	-1.08	-1.05	-0.96	-0.88
	τ_1	1.59	1.58	1.59	1.58	1.60	1.62
	τ_2	-1.36	-1.36	-1.36	-1.36	-1.37	-1.38
240.0	τ_0	-1.06	-1.00	-0.96	-0.91	-0.83	-0.75
	τ_1	1.68	1.68	1.68	1.67	1.67	1.67
	τ_2	-1.45	-1.45	-1.46	-1.46	-1.47	-1.48
245.0	τ_0	-0.96	-0.91	-0.86	-0.82	-0.74	-0.66
	τ_1	1.66	1.66	1.66	1.66	1.65	1.65
	τ_2	-1.53	-1.53	-1.53	-1.53	-1.54	-1.55
250.0	τ_0	-0.89	-0.84	-0.79	-0.75	-0.67	-0.60
	τ_1	1.59	1.59	1.59	1.58	1.58	1.58
	τ_2	-1.59	-1.59	-1.59	-1.59	-1.60	-1.61
255.0	τ_0	-0.85	-0.80	-0.76	-0.71	-0.63	-0.56
	τ_1	1.48	1.48	1.48	1.47	1.47	1.47
	τ_2	-1.62	-1.63	-1.63	-1.63	-1.64	-1.64
260.0	τ_0	-0.85	-0.80	-0.75	-0.71	-0.63	-0.56
	τ_1	1.34	1.33	1.33	1.33	1.33	1.33
	τ_2	-1.64	-1.65	-1.65	-1.65	-1.66	-1.66
265.0	τ_0	-0.88	-0.83	-0.78	-0.74	-0.66	-0.58
	τ_1	1.17	1.17	1.17	1.17	1.17	1.17
	τ_2	-1.64	-1.65	-1.65	-1.65	-1.65	-1.66
270.0	τ_0	-0.94	-0.89	-0.84	-0.80	-0.72	-0.65
	τ_1	0.98	0.98	0.98	0.98	0.98	0.98
	τ_2	-1.62	-1.62	-1.63	-1.63	-1.63	-1.64
275.0	τ_0	-1.03	-0.98	-0.94	-0.89	-0.81	-0.74
	τ_1	0.79	0.79	0.78	0.78	0.78	0.78
	τ_2	-1.58	-1.58	-1.59	-1.59	-1.59	-1.60
280.0	τ_0	-1.16	-1.11	-1.06	-1.02	-0.94	-0.87
	τ_1	0.58	0.58	0.58	0.58	0.58	0.58
	τ_2	-1.52	-1.52	-1.53	-1.53	-1.53	-1.53
285.0	τ_0	-1.31	-1.26	-1.22	-1.17	-1.09	-1.02
	τ_1	0.38	0.38	0.38	0.38	0.38	0.38
	τ_2	-1.44	-1.45	-1.45	-1.45	-1.45	-1.46

Ellipticity - PKKPdf

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
210.0	τ_0	-1.65	-1.59	-1.55	-1.51	-1.43	-1.36
	τ_1	1.50	1.50	1.50	1.50	1.49	1.48
	τ_2	-1.11	-1.11	-1.11	-1.12	-1.12	-1.12
215.0	τ_0	-1.52	-1.47	-1.43	-1.39	-1.31	-1.24
	τ_1	1.68	1.67	1.67	1.67	1.66	1.65
	τ_2	-1.19	-1.19	-1.19	-1.19	-1.20	-1.20
220.0	τ_0	-1.40	-1.35	-1.31	-1.26	-1.19	-1.12
	τ_1	1.81	1.81	1.80	1.80	1.79	1.79
	τ_2	-1.27	-1.27	-1.27	-1.27	-1.28	-1.28
225.0	τ_0	-1.28	-1.23	-1.18	-1.14	-1.06	-1.00
	τ_1	1.90	1.90	1.90	1.89	1.89	1.88
	τ_2	-1.35	-1.35	-1.35	-1.35	-1.36	-1.36
230.0	τ_0	-1.16	-1.11	-1.07	-1.03	-0.95	-0.88
	τ_1	1.95	1.95	1.95	1.95	1.94	1.93
	τ_2	-1.43	-1.43	-1.43	-1.43	-1.43	-1.44
235.0	τ_0	-1.06	-1.01	-0.96	-0.92	-0.84	-0.77
	τ_1	1.96	1.96	1.96	1.95	1.95	1.94
	τ_2	-1.50	-1.50	-1.50	-1.50	-1.50	-1.51
240.0	τ_0	-0.97	-0.92	-0.87	-0.83	-0.75	-0.68
	τ_1	1.92	1.92	1.91	1.91	1.91	1.90
	τ_2	-1.56	-1.56	-1.56	-1.56	-1.56	-1.57
245.0	τ_0	-0.90	-0.85	-0.80	-0.76	-0.68	-0.61
	τ_1	1.84	1.83	1.83	1.83	1.82	1.82
	τ_2	-1.61	-1.61	-1.61	-1.61	-1.61	-1.62
250.0	τ_0	-0.85	-0.80	-0.76	-0.71	-0.63	-0.56
	τ_1	1.72	1.72	1.71	1.71	1.71	1.70
	τ_2	-1.64	-1.64	-1.64	-1.65	-1.65	-1.65
255.0	τ_0	-0.83	-0.78	-0.73	-0.69	-0.61	-0.54
	τ_1	1.57	1.57	1.57	1.57	1.56	1.56
	τ_2	-1.66	-1.66	-1.67	-1.67	-1.67	-1.67
260.0	τ_0	-0.84	-0.79	-0.74	-0.70	-0.62	-0.55
	τ_1	1.40	1.40	1.40	1.40	1.39	1.39
	τ_2	-1.67	-1.67	-1.67	-1.67	-1.68	-1.68
265.0	τ_0	-0.87	-0.82	-0.78	-0.73	-0.66	-0.59
	τ_1	1.22	1.21	1.21	1.21	1.21	1.21
	τ_2	-1.66	-1.66	-1.66	-1.66	-1.66	-1.67
270.0	τ_0	-0.94	-0.89	-0.84	-0.80	-0.72	-0.65
	τ_1	1.01	1.01	1.01	1.01	1.01	1.01
	τ_2	-1.63	-1.63	-1.63	-1.63	-1.63	-1.64
275.0	τ_0	-1.04	-0.99	-0.94	-0.90	-0.82	-0.75
	τ_1	0.81	0.81	0.81	0.80	0.80	0.80
	τ_2	-1.58	-1.58	-1.58	-1.58	-1.58	-1.59
280.0	τ_0	-1.16	-1.12	-1.07	-1.03	-0.95	-0.88
	τ_1	0.60	0.60	0.60	0.60	0.59	0.60
	τ_2	-1.51	-1.51	-1.51	-1.52	-1.52	-1.52
285.0	τ_0	-1.32	-1.27	-1.22	-1.18	-1.10	-1.03
	τ_1	0.40	0.40	0.40	0.40	0.40	0.40
	τ_2	-1.43	-1.43	-1.43	-1.44	-1.44	-1.44

290.0	τ_0	-1.50	-1.45	-1.40	-1.36	-1.29	-1.22
	τ_1	0.21	0.21	0.21	0.20	0.21	0.21
	τ_2	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
295.0	τ_0	-1.70	-1.65	-1.60	-1.56	-1.49	-1.42
	τ_1	0.03	0.03	0.03	0.03	0.03	0.03
	τ_2	-1.23	-1.23	-1.23	-1.23	-1.23	-1.24
300.0	τ_0	-1.91	-1.87	-1.82	-1.78	-1.70	-1.63
	τ_1	-0.12	-0.12	-0.12	-0.12	-0.12	-0.12
	τ_2	-1.11	-1.11	-1.11	-1.11	-1.11	-1.12
305.0	τ_0	-2.14	-2.10	-2.05	-2.01	-1.93	-1.87
	τ_1	-0.26	-0.26	-0.26	-0.26	-0.26	-0.25
	τ_2	-0.98	-0.98	-0.98	-0.98	-0.99	-0.99
310.0	τ_0	-2.38	-2.33	-2.29	-2.25	-2.17	-2.10
	τ_1	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
	τ_2	-0.85	-0.85	-0.85	-0.85	-0.86	-0.86
315.0	τ_0	-2.62	-2.57	-2.53	-2.49	-2.41	-2.34
	τ_1	-0.44	-0.44	-0.44	-0.44	-0.44	-0.43
	τ_2	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72
320.0	τ_0	-2.85	-2.80	-2.75	-2.71	-2.64	-2.57
	τ_1	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48
	τ_2	-0.59	-0.59	-0.59	-0.60	-0.60	-0.60
325.0	τ_0	-3.07	-3.02	-2.98	-2.94	-2.86	-2.80
	τ_1	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
	τ_2	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47
330.0	τ_0	-3.27	-3.23	-3.18	-3.14	-3.07	-3.00
	τ_1	-0.49	-0.49	-0.49	-0.49	-0.49	-0.49
	τ_2	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
335.0	τ_0	-3.46	-3.41	-3.36	-3.32	-3.25	-3.19
	τ_1	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45
	τ_2	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
340.0	τ_0	-3.61	-3.56	-3.52	-3.48	-3.41	-3.34
	τ_1	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39
	τ_2	-0.17	-0.17	-0.17	-0.17	-0.17	-0.17
345.0	τ_0	-3.74	-3.69	-3.65	-3.61	-3.53	-3.47
	τ_1	-0.31	-0.31	-0.31	-0.31	-0.31	-0.31
	τ_2	-0.09	-0.09	-0.09	-0.09	-0.09	-0.09
350.0	τ_0	-3.83	-3.78	-3.74	-3.70	-3.63	-3.56
	τ_1	-0.22	-0.22	-0.22	-0.22	-0.22	-0.22
	τ_2	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04
355.0	τ_0	-3.89	-3.84	-3.80	-3.76	-3.68	-3.62
	τ_1	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
360.0	τ_0	-3.91	-3.86	-3.82	-3.78	-3.70	-3.64
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - SKKPab

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
215.0	τ_0	-2.26	-2.17	-2.09	-2.02	-1.88	-1.77
	τ_1	1.18	1.17	1.16	1.15	1.14	1.12
	τ_2	-1.04	-1.04	-1.04	-1.04	-1.04	-1.04
220.0	τ_0	-2.17	-2.08	-2.01	-1.93	-1.79	-1.67
	τ_1	1.21	1.21	1.20	1.19	1.17	1.16
	τ_2	-1.11	-1.11	-1.11	-1.11	-1.11	-1.12

Ellipticity - SKKPbc

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
215.0	τ_0	-2.21	-2.13	-2.05	-1.97	-1.83	-1.70
	τ_1	1.23	1.23	1.22	1.22	1.22	1.23
	τ_2	-1.07	-1.07	-1.07	-1.07	-1.08	-1.08
220.0	τ_0	-2.06	-1.97	-1.89	-1.81	-1.67	-1.55
	τ_1	1.52	1.52	1.52	1.51	1.50	1.49
	τ_2	-1.18	-1.18	-1.18	-1.19	-1.19	-1.19
225.0	τ_0	-1.91	-1.82	-1.75	-1.67	-1.53	-1.40
	τ_1	1.70	1.69	1.69	1.68	1.67	1.66
	τ_2	-1.29	-1.29	-1.29	-1.29	-1.29	-1.30
230.0	τ_0	-1.77	-1.69	-1.61	-1.53	-1.39	-1.27
	τ_1	1.80	1.80	1.79	1.79	1.77	1.76
	τ_2	-1.39	-1.39	-1.39	-1.39	-1.39	-1.40
235.0	τ_0	-1.65	-1.56	-1.48	-1.41	-1.27	-1.14
	τ_1	1.85	1.85	1.84	1.84	1.83	1.82
	τ_2	-1.48	-1.48	-1.48	-1.48	-1.48	-1.49
240.0	τ_0	-1.54	-1.46	-1.38	-1.30	-1.16	-1.04
	τ_1	1.86	1.85	1.84	1.84	1.83	1.82
	τ_2	-1.55	-1.56	-1.56	-1.56	-1.56	-1.57
245.0	τ_0	-1.46	-1.37	-1.29	-1.22	-1.08	-0.95
	τ_1	1.81	1.81	1.80	1.80	1.79	1.78
	τ_2	-1.62	-1.62	-1.62	-1.63	-1.63	-1.63
250.0	τ_0	-1.40	-1.31	-1.23	-1.16	-1.02	-0.89
	τ_1	1.73	1.72	1.72	1.71	1.71	1.70
	τ_2	-1.67	-1.67	-1.67	-1.68	-1.68	-1.68
255.0	τ_0	-1.37	-1.28	-1.20	-1.13	-0.99	-0.87
	τ_1	1.61	1.61	1.60	1.60	1.59	1.58
	τ_2	-1.70	-1.70	-1.71	-1.71	-1.71	-1.71
260.0	τ_0	-1.37	-1.28	-1.21	-1.13	-0.99	-0.87
	τ_1	1.47	1.46	1.46	1.45	1.45	1.44
	τ_2	-1.72	-1.72	-1.72	-1.72	-1.72	-1.73
265.0	τ_0	-1.40	-1.32	-1.24	-1.16	-1.02	-0.90
	τ_1	1.29	1.29	1.29	1.28	1.28	1.27
	τ_2	-1.71	-1.71	-1.71	-1.71	-1.72	-1.72
270.0	τ_0	-1.47	-1.38	-1.31	-1.23	-1.09	-0.97
	τ_1	1.11	1.10	1.10	1.10	1.09	1.08
	τ_2	-1.68	-1.69	-1.69	-1.69	-1.69	-1.69
275.0	τ_0	-1.57	-1.48	-1.41	-1.33	-1.19	-1.07
	τ_1	0.91	0.91	0.90	0.90	0.89	0.89
	τ_2	-1.64	-1.64	-1.64	-1.64	-1.64	-1.65
280.0	τ_0	-1.70	-1.62	-1.54	-1.46	-1.32	-1.20
	τ_1	0.70	0.70	0.70	0.70	0.69	0.69
	τ_2	-1.57	-1.58	-1.58	-1.58	-1.58	-1.58

Ellipticity - SKKPdf

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
205.0	τ_0	-2.34	-2.25	-2.18	-2.11	-1.97	-1.85
	τ_1	1.32	1.31	1.30	1.29	1.29	1.28
	τ_2	-1.06	-1.06	-1.06	-1.06	-1.07	-1.07
210.0	τ_0	-2.22	-2.14	-2.06	-1.99	-1.85	-1.73
	τ_1	1.52	1.52	1.51	1.51	1.50	1.49
	τ_2	-1.14	-1.14	-1.14	-1.14	-1.14	-1.14
215.0	τ_0	-2.10	-2.01	-1.94	-1.86	-1.72	-1.60
	τ_1	1.70	1.69	1.69	1.68	1.68	1.67
	τ_2	-1.22	-1.22	-1.22	-1.22	-1.22	-1.23
220.0	τ_0	-1.97	-1.89	-1.81	-1.73	-1.60	-1.48
	τ_1	1.83	1.83	1.83	1.82	1.81	1.81
	τ_2	-1.30	-1.30	-1.30	-1.31	-1.31	-1.31
225.0	τ_0	-1.85	-1.76	-1.68	-1.61	-1.47	-1.35
	τ_1	1.93	1.93	1.92	1.92	1.91	1.90
	τ_2	-1.39	-1.39	-1.39	-1.39	-1.39	-1.39
230.0	τ_0	-1.73	-1.64	-1.56	-1.49	-1.35	-1.23
	τ_1	1.99	1.98	1.98	1.97	1.97	1.96
	τ_2	-1.46	-1.46	-1.47	-1.47	-1.47	-1.47
235.0	τ_0	-1.62	-1.53	-1.45	-1.38	-1.24	-1.12
	τ_1	2.00	2.00	1.99	1.99	1.98	1.98
	τ_2	-1.54	-1.54	-1.54	-1.54	-1.54	-1.54
240.0	τ_0	-1.52	-1.44	-1.36	-1.29	-1.15	-1.03
	τ_1	1.96	1.96	1.95	1.95	1.94	1.94
	τ_2	-1.60	-1.60	-1.60	-1.60	-1.60	-1.60
245.0	τ_0	-1.45	-1.37	-1.29	-1.21	-1.08	-0.95
	τ_1	1.88	1.88	1.88	1.87	1.87	1.86
	τ_2	-1.65	-1.65	-1.65	-1.65	-1.65	-1.65
250.0	τ_0	-1.40	-1.32	-1.24	-1.16	-1.03	-0.91
	τ_1	1.77	1.77	1.77	1.76	1.76	1.75
	τ_2	-1.69	-1.69	-1.69	-1.69	-1.69	-1.69
255.0	τ_0	-1.38	-1.30	-1.22	-1.14	-1.00	-0.88
	τ_1	1.63	1.63	1.63	1.62	1.62	1.61
	τ_2	-1.71	-1.71	-1.71	-1.71	-1.71	-1.71
260.0	τ_0	-1.39	-1.30	-1.22	-1.15	-1.01	-0.89
	τ_1	1.47	1.47	1.46	1.46	1.46	1.45
	τ_2	-1.71	-1.71	-1.71	-1.71	-1.72	-1.72
265.0	τ_0	-1.43	-1.34	-1.26	-1.19	-1.05	-0.93
	τ_1	1.29	1.28	1.28	1.28	1.27	1.27
	τ_2	-1.70	-1.70	-1.70	-1.70	-1.70	-1.71
270.0	τ_0	-1.49	-1.41	-1.33	-1.26	-1.12	-1.00
	τ_1	1.09	1.09	1.09	1.08	1.08	1.08
	τ_2	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67
275.0	τ_0	-1.59	-1.51	-1.43	-1.36	-1.22	-1.10
	τ_1	0.89	0.89	0.88	0.88	0.88	0.87
	τ_2	-1.62	-1.62	-1.62	-1.62	-1.62	-1.62
280.0	τ_0	-1.72	-1.64	-1.56	-1.49	-1.35	-1.23
	τ_1	0.68	0.68	0.68	0.68	0.67	0.67
	τ_2	-1.55	-1.55	-1.55	-1.55	-1.55	-1.56

285.0	τ_0	-1.88	-1.80	-1.72	-1.65	-1.51	-1.39
	τ_1	0.48	0.48	0.48	0.48	0.47	0.47
	τ_2	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47
290.0	τ_0	-2.07	-1.98	-1.91	-1.83	-1.69	-1.57
	τ_1	0.29	0.29	0.29	0.29	0.28	0.28
	τ_2	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37
295.0	τ_0	-2.27	-2.19	-2.11	-2.04	-1.90	-1.78
	τ_1	0.12	0.11	0.11	0.11	0.11	0.11
	τ_2	-1.26	-1.26	-1.26	-1.26	-1.26	-1.26
300.0	τ_0	-2.50	-2.41	-2.33	-2.26	-2.12	-2.00
	τ_1	-0.04	-0.04	-0.04	-0.05	-0.05	-0.05
	τ_2	-1.13	-1.13	-1.14	-1.14	-1.14	-1.14
305.0	τ_0	-2.73	-2.64	-2.57	-2.49	-2.36	-2.24
	τ_1	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18
	τ_2	-1.01	-1.01	-1.01	-1.01	-1.01	-1.01
310.0	τ_0	-2.97	-2.88	-2.81	-2.73	-2.60	-2.48
	τ_1	-0.29	-0.29	-0.29	-0.29	-0.29	-0.29
	τ_2	-0.87	-0.87	-0.87	-0.87	-0.87	-0.88
315.0	τ_0	-3.21	-3.13	-3.05	-2.98	-2.84	-2.72
	τ_1	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37
	τ_2	-0.74	-0.74	-0.74	-0.74	-0.74	-0.74
320.0	τ_0	-3.45	-3.36	-3.29	-3.21	-3.08	-2.96
	τ_1	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42
	τ_2	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61
325.0	τ_0	-3.67	-3.59	-3.51	-3.44	-3.30	-3.18
	τ_1	-0.44	-0.44	-0.45	-0.45	-0.45	-0.45
	τ_2	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48
330.0	τ_0	-3.88	-3.80	-3.72	-3.65	-3.51	-3.39
	τ_1	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44
	τ_2	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
335.0	τ_0	-4.07	-3.98	-3.91	-3.83	-3.70	-3.58
	τ_1	-0.41	-0.41	-0.41	-0.41	-0.41	-0.41
	τ_2	-0.26	-0.26	-0.26	-0.26	-0.26	-0.26
340.0	τ_0	-4.23	-4.14	-4.07	-3.99	-3.86	-3.74
	τ_1	-0.36	-0.36	-0.36	-0.36	-0.36	-0.36
	τ_2	-0.17	-0.17	-0.17	-0.17	-0.17	-0.17
345.0	τ_0	-4.36	-4.27	-4.19	-4.12	-3.98	-3.87
	τ_1	-0.29	-0.29	-0.29	-0.29	-0.29	-0.29
	τ_2	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
350.0	τ_0	-4.45	-4.37	-4.29	-4.22	-4.08	-3.96
	τ_1	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20
	τ_2	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04
355.0	τ_0	-4.51	-4.42	-4.35	-4.27	-4.14	-4.02
	τ_1	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
360.0	τ_0	-4.53	-4.44	-4.37	-4.29	-4.16	-4.04
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - PP

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
40.0	τ_0	-0.93	-0.90	-0.87	-0.85	-0.83	-0.84
	τ_1	-0.58	-0.61	-0.64	-0.68	-0.73	-0.77
	τ_2	-0.23	-0.23	-0.24	-0.24	-0.24	-0.25
45.0	τ_0	-0.94	-0.91	-0.88	-0.88	-0.83	-0.82
	τ_1	-0.67	-0.70	-0.73	-0.76	-0.81	-0.85
	τ_2	-0.30	-0.30	-0.30	-0.33	-0.33	-0.32
50.0	τ_0	-0.95	-0.91	-0.88	-0.85	-0.81	-0.79
	τ_1	-0.75	-0.78	-0.80	-0.83	-0.87	-0.92
	τ_2	-0.39	-0.40	-0.40	-0.40	-0.40	-0.39
55.0	τ_0	-0.92	-0.88	-0.85	-0.82	-0.78	-0.76
	τ_1	-0.81	-0.83	-0.85	-0.88	-0.93	-0.97
	τ_2	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47
60.0	τ_0	-0.88	-0.84	-0.81	-0.78	-0.74	-0.72
	τ_1	-0.85	-0.87	-0.90	-0.92	-0.97	-1.01
	τ_2	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55
65.0	τ_0	-0.84	-0.80	-0.76	-0.73	-0.69	-0.67
	τ_1	-0.88	-0.90	-0.93	-0.95	-1.00	-1.04
	τ_2	-0.63	-0.63	-0.64	-0.64	-0.64	-0.63
70.0	τ_0	-0.79	-0.75	-0.72	-0.69	-0.64	-0.61
	τ_1	-0.89	-0.91	-0.94	-0.96	-1.01	-1.05
	τ_2	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72
75.0	τ_0	-0.74	-0.70	-0.67	-0.63	-0.59	-0.56
	τ_1	-0.89	-0.91	-0.93	-0.96	-1.00	-1.04
	τ_2	-0.80	-0.80	-0.80	-0.81	-0.81	-0.80
80.0	τ_0	-0.69	-0.65	-0.61	-0.58	-0.54	-0.51
	τ_1	-0.87	-0.89	-0.91	-0.94	-0.98	-1.02
	τ_2	-0.89	-0.89	-0.89	-0.89	-0.89	-0.89
85.0	τ_0	-0.64	-0.60	-0.57	-0.54	-0.49	-0.46
	τ_1	-0.83	-0.86	-0.88	-0.90	-0.95	-0.99
	τ_2	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97
90.0	τ_0	-0.60	-0.56	-0.53	-0.50	-0.45	-0.42
	τ_1	-0.79	-0.81	-0.83	-0.85	-0.90	-0.94
	τ_2	-1.05	-1.05	-1.05	-1.05	-1.05	-1.04
95.0	τ_0	-0.57	-0.53	-0.50	-0.47	-0.42	-0.38
	τ_1	-0.73	-0.75	-0.77	-0.79	-0.84	-0.88
	τ_2	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12
100.0	τ_0	-0.55	-0.51	-0.47	-0.44	-0.39	-0.36
	τ_1	-0.66	-0.68	-0.70	-0.73	-0.77	-0.81
	τ_2	-1.19	-1.19	-1.19	-1.19	-1.18	-1.18
105.0	τ_0	-0.54	-0.49	-0.46	-0.43	-0.38	-0.34
	τ_1	-0.59	-0.61	-0.63	-0.65	-0.69	-0.74
	τ_2	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24
110.0	τ_0	-0.53	-0.49	-0.46	-0.42	-0.37	-0.34
	τ_1	-0.51	-0.53	-0.55	-0.57	-0.61	-0.66
	τ_2	-1.29	-1.29	-1.29	-1.30	-1.29	-1.29
115.0	τ_0	-0.54	-0.50	-0.46	-0.43	-0.38	-0.34
	τ_1	-0.43	-0.45	-0.47	-0.49	-0.53	-0.58
	τ_2	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34

120.0	τ_0	-0.56	-0.52	-0.48	-0.45	-0.39	-0.35
	τ_1	-0.35	-0.37	-0.39	-0.41	-0.46	-0.50
	τ_2	-1.38	-1.38	-1.38	-1.38	-1.38	-1.37
125.0	τ_0	-0.59	-0.54	-0.51	-0.47	-0.42	-0.38
	τ_1	-0.28	-0.30	-0.32	-0.34	-0.38	-0.43
	τ_2	-1.41	-1.41	-1.41	-1.41	-1.41	-1.40
130.0	τ_0	-0.62	-0.58	-0.54	-0.51	-0.45	-0.41
	τ_1	-0.21	-0.23	-0.25	-0.27	-0.32	-0.36
	τ_2	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43
135.0	τ_0	-0.66	-0.62	-0.58	-0.55	-0.49	-0.44
	τ_1	-0.15	-0.17	-0.19	-0.21	-0.26	-0.30
	τ_2	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45
140.0	τ_0	-0.71	-0.66	-0.63	-0.59	-0.53	-0.48
	τ_1	-0.10	-0.12	-0.14	-0.16	-0.21	-0.25
	τ_2	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47
145.0	τ_0	-0.75	-0.71	-0.67	-0.64	-0.57	-0.52
	τ_1	-0.06	-0.08	-0.10	-0.12	-0.17	-0.21
	τ_2	-1.48	-1.49	-1.49	-1.49	-1.49	-1.49
150.0	τ_0	-0.80	-0.75	-0.72	-0.68	-0.61	-0.56
	τ_1	-0.03	-0.05	-0.07	-0.09	-0.13	-0.18
	τ_2	-1.50	-1.50	-1.50	-1.50	-1.50	-1.50
155.0	τ_0	-0.84	-0.80	-0.76	-0.72	-0.65	-0.60
	τ_1	-0.01	-0.03	-0.05	-0.07	-0.11	-0.16
	τ_2	-1.51	-1.51	-1.51	-1.52	-1.52	-1.52
160.0	τ_0	-0.88	-0.83	-0.79	-0.75	-0.69	-0.63
	τ_1	0.00	-0.02	-0.04	-0.06	-0.10	-0.14
	τ_2	-1.53	-1.53	-1.53	-1.53	-1.53	-1.54
165.0	τ_0	-0.91	-0.86	-0.82	-0.78	-0.71	-0.65
	τ_1	0.00	-0.01	-0.03	-0.05	-0.09	-0.14
	τ_2	-1.55	-1.55	-1.55	-1.55	-1.56	-1.56
170.0	τ_0	-0.93	-0.88	-0.84	-0.80	-0.73	-0.67
	τ_1	0.00	-0.01	-0.03	-0.05	-0.09	-0.13
	τ_2	-1.57	-1.57	-1.57	-1.58	-1.58	-1.58
175.0	τ_0	-0.94	-0.89	-0.85	-0.81	-0.74	-0.67
	τ_1	0.00	-0.02	-0.03	-0.05	-0.09	-0.13
	τ_2	-1.60	-1.60	-1.60	-1.61	-1.61	-1.61
180.0	τ_0	-0.94	-0.89	-0.85	-0.81	-0.74	-0.66
	τ_1	0.00	-0.02	-0.03	-0.05	-0.09	-0.13
	τ_2	-1.63	-1.63	-1.63	-1.64	-1.64	-1.65
185.0	τ_0	-0.93	-0.88	-0.83	-0.79	-0.71	-0.65
	τ_1	0.40	0.39	0.37	0.36	0.32	0.28
	τ_2	-1.66	-1.66	-1.67	-1.67	-1.67	-1.68
190.0	τ_0	-0.91	-0.86	-0.81	-0.77	-0.69	-0.62
	τ_1	0.74	0.72	0.71	0.69	0.66	0.62
	τ_2	-1.70	-1.70	-1.71	-1.71	-1.71	-1.72

Ellipticity - P'P'

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
235.0	τ_0	-3.79	-0.69	-0.64	-2.38	-0.51	-0.44
	τ_1	1.27	3.08	3.08	0.17	3.07	3.05
	τ_2	-0.76	-2.52	-2.53	-1.50	-2.53	-2.54
240.0	τ_0	-3.89	-0.69	-0.64	-2.19	-0.51	-0.43
	τ_1	1.01	3.11	3.10	-0.04	3.09	3.08
	τ_2	-0.71	-2.53	-2.54	-1.62	-2.55	-2.55
245.0	τ_0	-3.95	-0.71	-0.66	-2.00	-0.53	-0.45
	τ_1	1.37	3.07	3.07	0.01	3.06	3.05
	τ_2	-0.69	-2.53	-2.53	-1.74	-2.54	-2.55
250.0	τ_0	-3.98	-0.76	-0.71	-1.81	-0.58	-0.50
	τ_1	1.67	2.99	2.99	0.00	2.98	2.97
	τ_2	-0.68	-2.51	-2.51	-1.86	-2.52	-2.53
255.0	τ_0	-3.97	-0.83	-0.79	-1.63	-0.66	-0.58
	τ_1	1.96	2.87	2.87	-0.03	2.86	2.85
	τ_2	-0.69	-2.48	-2.48	-1.97	-2.49	-2.50
260.0	τ_0	-3.94	-0.94	-0.90	-1.46	-0.77	-0.69
	τ_1	2.28	2.72	2.71	-0.02	2.71	2.70
	τ_2	-0.72	-2.42	-2.42	-2.07	-2.43	-2.44
265.0	τ_0	-3.88	-1.08	-1.04	-1.31	-0.90	-0.83
	τ_1	2.56	2.54	2.53	-0.05	2.53	2.53
	τ_2	-0.76	-2.35	-2.35	-2.17	-2.36	-2.37
270.0	τ_0	-3.79	-1.25	-1.21	-1.18	-1.07	-1.00
	τ_1	2.80	2.33	2.33	-0.09	2.33	2.33
	τ_2	-0.82	-2.26	-2.26	-2.25	-2.27	-2.28
275.0	τ_0	-3.68	-1.45	-1.40	-1.07	-1.27	-1.20
	τ_1	3.00	2.12	2.12	-0.14	2.12	2.12
	τ_2	-0.90	-2.16	-2.16	-2.33	-2.17	-2.18
280.0	τ_0	-3.54	-1.68	-1.63	-0.98	-1.50	-1.43
	τ_1	3.17	1.89	1.89	-0.20	1.89	1.89
	τ_2	-0.99	-2.03	-2.03	-2.39	-2.04	-2.05
285.0	τ_0	-3.39	-1.93	-1.89	-0.91	-1.76	-1.68
	τ_1	3.29	1.66	1.66	-0.27	1.66	1.67
	τ_2	-1.08	-1.90	-1.90	-2.44	-1.91	-1.91
290.0	τ_0	-3.08	-2.12	-2.08	-0.86	-2.03	-1.96
	τ_1	3.17	1.36	1.36	-0.33	1.43	1.44
	τ_2	-1.23	-1.76	-1.76	-2.45	-1.76	-1.76
295.0	τ_0	-3.04	-2.50	-2.45	-0.84	-2.33	-2.25
	τ_1	3.39	1.21	1.21	-0.39	1.22	1.22
	τ_2	-1.30	-1.59	-1.59	-2.50	-1.60	-1.60
300.0	τ_0	-2.86	-2.81	-2.76	-0.84	-2.63	-2.56
	τ_1	3.36	1.00	1.00	-0.45	1.01	1.01
	τ_2	-1.42	-1.42	-1.42	-2.51	-1.43	-1.43
305.0	τ_0	-2.67	-3.12	-3.07	-0.85	-2.95	-2.88
	τ_1	3.28	0.81	0.81	-0.50	0.81	0.82
	τ_2	-1.53	-1.25	-1.25	-2.51	-1.25	-1.26
310.0	τ_0	-2.48	-3.43	-3.39	-0.87	-3.26	-3.19
	τ_1	3.16	0.63	0.64	-0.53	0.64	0.65
	τ_2	-1.65	-1.07	-1.08	-2.51	-1.08	-1.09

315.0	τ_0	-2.30	-3.74	-3.70	-0.90	-3.58	-3.50
	τ_1	2.99	0.48	0.48	-0.55	0.49	0.50
	τ_2	-1.76	-0.90	-0.90	-2.49	-0.91	-0.91
320.0	τ_0	-2.12	-4.04	-3.99	-0.95	-3.87	-3.80
	τ_1	2.78	0.35	0.35	-0.55	0.36	0.37
	τ_2	-1.87	-0.74	-0.74	-2.47	-0.74	-0.75
325.0	τ_0	-1.95	-4.32	-4.28	-0.99	-4.16	-4.09
	τ_1	2.53	0.24	0.24	-0.53	0.25	0.26
	τ_2	-1.97	-0.58	-0.58	-2.45	-0.58	-0.59
330.0	τ_0	-1.81	-4.58	-4.53	-1.04	-4.42	-4.35
	τ_1	2.24	0.16	0.16	-0.50	0.17	0.17
	τ_2	-2.07	-0.44	-0.44	-2.43	-0.44	-0.44
335.0	τ_0	-1.67	-4.80	-4.76	-1.09	-4.64	-4.58
	τ_1	1.92	0.09	0.10	-0.44	0.10	0.11
	τ_2	-2.15	-0.31	-0.31	-2.41	-0.31	-0.31
340.0	τ_0	-1.56	-5.00	-4.96	-1.13	-4.84	-4.77
	τ_1	1.57	0.05	0.05	-0.37	0.06	0.06
	τ_2	-2.22	-0.20	-0.20	-2.39	-0.20	-0.20
345.0	τ_0	-1.47	-5.15	-5.11	-1.17	-5.00	-4.93
	τ_1	1.20	0.02	0.02	-0.29	0.03	0.03
	τ_2	-2.27	-0.12	-0.12	-2.37	-0.12	-0.12
350.0	τ_0	-1.41	-5.27	-5.23	-1.20	-5.11	-5.05
	τ_1	0.81	0.01	0.01	-0.20	0.01	0.01
	τ_2	-2.31	-0.05	-0.05	-2.35	-0.05	-0.05
355.0	τ_0	-1.37	-5.34	-5.30	-1.22	-5.18	-5.12
	τ_1	0.41	0.00	0.00	-0.10	0.00	0.00
	τ_2	-2.33	-0.01	-0.01	-2.35	-0.01	-0.01
360.0	τ_0	-5.41	-5.36	-5.32	-5.28	-5.21	-5.14
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - Sup

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
0.0	τ_0	0.00	-0.08	-0.16	-0.24	-0.37	-0.49
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00
5.0	τ_0	0.00	-0.30	-0.33	-0.36	-0.46	-0.55
	τ_1	0.00	0.06	0.14	0.20	0.26	0.28
	τ_2	0.00	0.00	0.01	0.01	0.01	0.01
10.0	τ_0	0.00	-0.52	-0.58	-0.60	-0.64	-0.70
	τ_1	0.00	0.13	0.08	0.16	0.26	0.33
	τ_2	0.00	0.00	0.01	0.01	0.02	0.02

Ellipticity - S

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
5.0	τ_0	-0.31	-0.31	-0.32	-0.31	-0.15	-0.08
	τ_1	-0.02	-0.07	-0.06	-0.24	-0.13	-0.07
	τ_2	0.00	-0.01	0.08	0.01	0.00	0.00
10.0	τ_0	-0.57	-0.54	-0.53	-0.51	-0.41	-0.37
	τ_1	-0.09	-0.17	-0.24	-0.32	-0.32	-0.34
	τ_2	-0.01	-0.02	-0.03	-0.03	-0.04	-0.05
15.0	τ_0	-0.81	-0.77	-0.74	-0.72	-0.67	-0.66
	τ_1	-0.18	-0.26	-0.34	-0.39	-0.52	-0.60
	τ_2	-0.03	-0.04	-0.06	-0.08	-0.09	-0.10
20.0	τ_0	-1.01	-0.95	-0.90	-0.88	-0.79	-0.72
	τ_1	-0.30	-0.36	-0.42	-0.47	-0.58	-0.68
	τ_2	-0.11	-0.12	-0.13	-0.15	-0.16	-0.16
25.0	τ_0	-1.15	-1.07	-1.01	-0.95	-0.84	-0.77
	τ_1	-0.42	-0.46	-0.51	-0.56	-0.67	-0.77
	τ_2	-0.20	-0.21	-0.21	-0.22	-0.23	-0.23
30.0	τ_0	-1.19	-1.11	-1.04	-0.98	-0.87	-0.79
	τ_1	-0.51	-0.56	-0.61	-0.66	-0.76	-0.85
	τ_2	-0.28	-0.28	-0.29	-0.30	-0.30	-0.32
35.0	τ_0	-1.20	-1.12	-1.05	-0.99	-0.87	-0.79
	τ_1	-0.60	-0.64	-0.69	-0.74	-0.83	-0.92
	τ_2	-0.37	-0.37	-0.38	-0.39	-0.40	-0.41
40.0	τ_0	-1.19	-1.11	-1.04	-0.97	-0.86	-0.76
	τ_1	-0.67	-0.71	-0.75	-0.80	-0.89	-0.97
	τ_2	-0.47	-0.48	-0.48	-0.49	-0.51	-0.52
45.0	τ_0	-1.16	-1.08	-1.01	-0.94	-0.82	-0.71
	τ_1	-0.71	-0.75	-0.79	-0.83	-0.92	-0.99
	τ_2	-0.58	-0.59	-0.60	-0.61	-0.62	-0.64
50.0	τ_0	-1.12	-1.03	-0.96	-0.89	-0.76	-0.65
	τ_1	-0.73	-0.77	-0.80	-0.84	-0.91	-0.98
	τ_2	-0.71	-0.71	-0.72	-0.73	-0.74	-0.76
55.0	τ_0	-1.05	-0.97	-0.90	-0.82	-0.69	-0.58
	τ_1	-0.71	-0.74	-0.78	-0.81	-0.88	-0.94
	τ_2	-0.83	-0.84	-0.85	-0.85	-0.87	-0.89
60.0	τ_0	-0.99	-0.90	-0.83	-0.75	-0.62	-0.50
	τ_1	-0.65	-0.68	-0.71	-0.75	-0.80	-0.86
	τ_2	-0.96	-0.97	-0.97	-0.98	-1.00	-1.01
65.0	τ_0	-0.92	-0.84	-0.76	-0.69	-0.55	-0.43
	τ_1	-0.56	-0.59	-0.61	-0.64	-0.69	-0.74
	τ_2	-1.08	-1.09	-1.09	-1.10	-1.12	-1.13
70.0	τ_0	-0.87	-0.78	-0.70	-0.63	-0.49	-0.37
	τ_1	-0.42	-0.45	-0.47	-0.50	-0.55	-0.59
	τ_2	-1.19	-1.20	-1.21	-1.21	-1.23	-1.24
75.0	τ_0	-0.83	-0.74	-0.66	-0.58	-0.45	-0.32
	τ_1	-0.26	-0.28	-0.30	-0.32	-0.36	-0.40
	τ_2	-1.29	-1.30	-1.30	-1.31	-1.33	-1.34
80.0	τ_0	-0.81	-0.72	-0.64	-0.56	-0.43	-0.30
	τ_1	-0.06	-0.08	-0.09	-0.11	-0.15	-0.18
	τ_2	-1.38	-1.38	-1.39	-1.39	-1.41	-1.42

85.0	τ_0	-0.81	-0.73	-0.65	-0.57	-0.43	-0.31
	τ_1	0.17	0.15	0.14	0.12	0.09	0.06
	τ_2	-1.44	-1.44	-1.45	-1.46	-1.47	-1.48
90.0	τ_0	-0.86	-0.77	-0.69	-0.61	-0.47	-0.35
	τ_1	0.42	0.40	0.39	0.37	0.35	0.33
	τ_2	-1.48	-1.49	-1.49	-1.49	-1.51	-1.52
95.0	τ_0	-0.93	-0.84	-0.77	-0.69	-0.55	-0.43
	τ_1	0.66	0.65	0.64	0.62	0.59	0.57
	τ_2	-1.49	-1.50	-1.50	-1.51	-1.52	-1.53

Ellipticity - Sdiff

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
100.0	τ_0	-1.04	-0.95	-0.88	-0.80	-0.65	-0.53
	τ_1	0.90	0.89	0.88	0.86	0.82	0.81
	τ_2	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48
105.0	τ_0	-1.17	-1.08	-1.00	-0.92	-0.78	-0.65
	τ_1	1.14	1.13	1.12	1.10	1.07	1.05
	τ_2	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41
110.0	τ_0	-1.33	-1.24	-1.16	-1.08	-0.94	-0.82
	τ_1	1.36	1.34	1.34	1.31	1.28	1.26
	τ_2	-1.31	-1.31	-1.32	-1.32	-1.32	-1.32
115.0	τ_0	-1.52	-1.43	-1.36	-1.28	-1.13	-1.01
	τ_1	1.53	1.52	1.51	1.49	1.46	1.44
	τ_2	-1.20	-1.20	-1.20	-1.21	-1.21	-1.21
120.0	τ_0	-1.73	-1.65	-1.57	-1.49	-1.35	-1.22
	τ_1	1.67	1.65	1.65	1.63	1.59	1.58
	τ_2	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08
125.0	τ_0	-1.97	-1.88	-1.80	-1.72	-1.58	-1.45
	τ_1	1.76	1.75	1.74	1.72	1.68	1.67
	τ_2	-0.95	-0.95	-0.95	-0.95	-0.95	-0.95
130.0	τ_0	-2.21	-2.12	-2.04	-1.96	-1.82	-1.70
	τ_1	1.81	1.79	1.79	1.76	1.73	1.71
	τ_2	-0.81	-0.81	-0.81	-0.81	-0.81	-0.81
135.0	τ_0	-2.45	-2.37	-2.29	-2.21	-2.06	-1.94
	τ_1	1.80	1.78	1.78	1.76	1.72	1.71
	τ_2	-0.66	-0.66	-0.67	-0.67	-0.67	-0.67
140.0	τ_0	-2.69	-2.61	-2.53	-2.45	-2.30	-2.18
	τ_1	1.74	1.73	1.72	1.70	1.67	1.65
	τ_2	-0.53	-0.53	-0.53	-0.53	-0.53	-0.53
145.0	τ_0	-2.92	-2.83	-2.76	-2.68	-2.53	-2.41
	τ_1	1.64	1.63	1.62	1.60	1.56	1.55
	τ_2	-0.39	-0.39	-0.40	-0.40	-0.40	-0.40
150.0	τ_0	-3.13	-3.04	-2.97	-2.89	-2.74	-2.62
	τ_1	1.50	1.48	1.48	1.45	1.42	1.40
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.28	-0.28

Ellipticity - SKSac

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
65.0	τ_0	-1.01	-0.93	-0.85	-0.77	-0.63	-0.51
	τ_1	-0.56	-0.57	-0.59	-0.60	-0.63	-0.66
	τ_2	-1.23	-1.24	-1.24	-1.24	-1.25	-1.26
70.0	τ_0	-0.92	-0.83	-0.76	-0.68	-0.54	-0.41
	τ_1	-0.37	-0.39	-0.40	-0.42	-0.44	-0.47
	τ_2	-1.32	-1.33	-1.33	-1.33	-1.34	-1.35
75.0	τ_0	-0.86	-0.77	-0.69	-0.62	-0.48	-0.35
	τ_1	-0.17	-0.18	-0.20	-0.21	-0.24	-0.26
	τ_2	-1.40	-1.40	-1.40	-1.41	-1.41	-1.42
80.0	τ_0	-0.83	-0.75	-0.67	-0.59	-0.45	-0.33
	τ_1	0.05	0.04	0.03	0.01	-0.01	-0.03
	τ_2	-1.46	-1.46	-1.46	-1.47	-1.47	-1.48
85.0	τ_0	-0.84	-0.75	-0.67	-0.60	-0.46	-0.33
	τ_1	0.29	0.28	0.27	0.26	0.23	0.21
	τ_2	-1.50	-1.50	-1.50	-1.51	-1.51	-1.52
90.0	τ_0	-0.87	-0.79	-0.71	-0.63	-0.50	-0.37
	τ_1	0.53	0.52	0.51	0.50	0.48	0.46
	τ_2	-1.52	-1.52	-1.52	-1.52	-1.53	-1.53
95.0	τ_0	-0.95	-0.86	-0.78	-0.71	-0.57	-0.45
	τ_1	0.77	0.76	0.75	0.75	0.73	0.71
	τ_2	-1.51	-1.51	-1.51	-1.51	-1.52	-1.52
100.0	τ_0	-1.06	-0.97	-0.89	-0.82	-0.68	-0.56
	τ_1	1.00	1.00	0.99	0.98	0.96	0.95
	τ_2	-1.47	-1.48	-1.48	-1.48	-1.48	-1.49
105.0	τ_0	-1.20	-1.11	-1.03	-0.96	-0.82	-0.70
	τ_1	1.22	1.21	1.20	1.20	1.18	1.17
	τ_2	-1.42	-1.42	-1.42	-1.43	-1.43	-1.43
110.0	τ_0	-1.37	-1.28	-1.21	-1.13	-0.99	-0.87
	τ_1	1.41	1.40	1.40	1.39	1.38	1.37
	τ_2	-1.35	-1.35	-1.35	-1.35	-1.35	-1.36
115.0	τ_0	-1.57	-1.48	-1.41	-1.33	-1.19	-1.07
	τ_1	1.57	1.56	1.56	1.55	1.54	1.53
	τ_2	-1.25	-1.25	-1.26	-1.26	-1.26	-1.26
120.0	τ_0	-1.79	-1.71	-1.63	-1.55	-1.42	-1.30
	τ_1	1.70	1.69	1.69	1.68	1.67	1.66
	τ_2	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15
125.0	τ_0	-2.03	-1.95	-1.87	-1.79	-1.66	-1.54
	τ_1	1.78	1.78	1.77	1.77	1.76	1.75
	τ_2	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03
130.0	τ_0	-2.28	-2.20	-2.12	-2.05	-1.91	-1.79
	τ_1	1.82	1.82	1.81	1.81	1.80	1.79
	τ_2	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90
135.0	τ_0	-2.54	-2.45	-2.38	-2.30	-2.16	-2.04
	τ_1	1.82	1.81	1.81	1.80	1.80	1.79
	τ_2	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77
140.0	τ_0	-2.79	-2.70	-2.63	-2.55	-2.42	-2.30
	τ_1	1.76	1.76	1.76	1.75	1.74	1.74
	τ_2	-0.63	-0.64	-0.63	-0.63	-0.63	-0.63

Ellipticity - SKSdf

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
105.0	τ_0	-1.21	-1.12	-1.05	-0.97	-0.83	-0.71
	τ_1	1.13	1.12	1.12	1.12	1.10	1.10
	τ_2	-1.48	-1.48	-1.48	-1.48	-1.49	-1.49
110.0	τ_0	-1.37	-1.29	-1.21	-1.13	-1.00	-0.88
	τ_1	1.34	1.34	1.33	1.33	1.33	1.32
	τ_2	-1.40	-1.40	-1.40	-1.40	-1.40	-1.40
115.0	τ_0	-1.57	-1.48	-1.41	-1.33	-1.19	-1.08
	τ_1	1.52	1.52	1.52	1.52	1.51	1.51
	τ_2	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29
120.0	τ_0	-1.79	-1.70	-1.63	-1.55	-1.42	-1.30
	τ_1	1.67	1.66	1.66	1.66	1.65	1.65
	τ_2	-1.17	-1.17	-1.17	-1.17	-1.17	-1.18
125.0	τ_0	-2.03	-1.94	-1.87	-1.79	-1.66	-1.54
	τ_1	1.76	1.76	1.76	1.75	1.75	1.74
	τ_2	-1.04	-1.04	-1.04	-1.05	-1.05	-1.05
130.0	τ_0	-2.28	-2.19	-2.12	-2.04	-1.91	-1.79
	τ_1	1.81	1.81	1.80	1.80	1.80	1.79
	τ_2	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91
135.0	τ_0	-2.53	-2.45	-2.37	-2.30	-2.16	-2.04
	τ_1	1.81	1.80	1.80	1.80	1.79	1.79
	τ_2	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77
140.0	τ_0	-2.78	-2.70	-2.62	-2.55	-2.41	-2.29
	τ_1	1.75	1.75	1.75	1.75	1.74	1.74
	τ_2	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64
145.0	τ_0	-3.02	-2.94	-2.86	-2.79	-2.65	-2.53
	τ_1	1.65	1.65	1.65	1.65	1.64	1.64
	τ_2	-0.50	-0.50	-0.50	-0.50	-0.51	-0.51
150.0	τ_0	-3.24	-3.16	-3.08	-3.01	-2.87	-2.75
	τ_1	1.51	1.51	1.51	1.51	1.50	1.50
	τ_2	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
155.0	τ_0	-3.45	-3.36	-3.28	-3.21	-3.07	-2.96
	τ_1	1.33	1.33	1.32	1.32	1.32	1.32
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
160.0	τ_0	-3.62	-3.53	-3.46	-3.38	-3.25	-3.13
	τ_1	1.11	1.11	1.11	1.10	1.10	1.10
	τ_2	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18
165.0	τ_0	-3.76	-3.67	-3.60	-3.52	-3.39	-3.27
	τ_1	0.86	0.86	0.86	0.86	0.85	0.85
	τ_2	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
170.0	τ_0	-3.86	-3.78	-3.70	-3.63	-3.49	-3.37
	τ_1	0.58	0.58	0.58	0.58	0.58	0.58
	τ_2	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
175.0	τ_0	-3.92	-3.84	-3.76	-3.69	-3.55	-3.43
	τ_1	0.30	0.30	0.30	0.30	0.30	0.29
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
180.0	τ_0	-3.94	-3.86	-3.78	-3.71	-3.57	-3.46
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - pS

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
60.0	τ_0	-0.99	-1.06	-1.14	-1.21	-1.36	-1.50
	τ_1	-0.65	-0.68	-0.70	-0.72	-0.76	-0.81
	τ_2	-0.96	-0.93	-0.90	-0.86	-0.80	-0.74
65.0	τ_0	-0.92	-0.99	-1.05	-1.11	-1.24	-1.37
	τ_1	-0.56	-0.57	-0.58	-0.58	-0.60	-0.62
	τ_2	-1.08	-1.06	-1.04	-1.01	-0.97	-0.93
70.0	τ_0	-0.87	-0.93	-0.99	-1.06	-1.18	-1.31
	τ_1	-0.42	-0.43	-0.46	-0.49	-0.55	-0.61
	τ_2	-1.19	-1.17	-1.15	-1.12	-1.06	-1.00
75.0	τ_0	-0.83	-0.88	-0.94	-1.01	-1.15	-1.29
	τ_1	-0.26	-0.26	-0.28	-0.35	-0.49	-0.63
	τ_2	-1.29	-1.28	-1.26	-1.22	-1.15	-1.08
80.0	τ_0	-0.81	-0.86	-0.92	-0.97	-1.09	-1.20
	τ_1	-0.06	-0.06	-0.08	-0.12	-0.21	-0.29
	τ_2	-1.38	-1.36	-1.35	-1.32	-1.36	-1.32
85.0	τ_0	-0.81	-0.87	-0.92	-0.97	-1.08	-1.19
	τ_1	0.17	0.16	0.15	0.12	0.06	-0.01
	τ_2	-1.44	-1.43	-1.41	-1.40	-1.36	-1.32
90.0	τ_0	-0.86	-0.91	-0.96	-1.01	-1.12	-1.23
	τ_1	0.42	0.41	0.39	0.37	0.20	0.03
	τ_2	-1.48	-1.47	-1.46	-1.44	-1.39	-1.34
95.0	τ_0	-0.93	-0.99	-1.03	-1.08	-1.17	-1.27
	τ_1	0.66	0.67	0.65	0.63	0.54	0.44
	τ_2	-1.49	-1.49	-1.48	-1.47	-1.43	-1.40
100.0	τ_0	-1.04	-1.09	-1.14	-1.19	-1.28	-1.37
	τ_1	0.89	0.89	0.88	0.86	0.80	0.74
	τ_2	-1.48	-1.48	-1.47	-1.46	-1.44	-1.46

Ellipticity - pSKSac

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
70.0	τ_0	-0.92	-0.97	-1.02	-1.06	-1.14	-1.20
	τ_1	-0.37	-0.42	-0.48	-0.54	-0.68	-0.86
	τ_2	-1.32	-1.32	-1.31	-1.31	-1.30	-1.29
75.0	τ_0	-0.86	-0.91	-0.96	-1.00	-1.08	-1.14
	τ_1	-0.17	-0.22	-0.27	-0.34	-0.47	-0.65
	τ_2	-1.40	-1.39	-1.39	-1.38	-1.37	-1.36
80.0	τ_0	-0.83	-0.88	-0.93	-0.97	-1.05	-1.11
	τ_1	0.05	0.01	-0.05	-0.10	-0.25	-0.43
	τ_2	-1.46	-1.45	-1.45	-1.44	-1.43	-1.42
85.0	τ_0	-0.84	-0.89	-0.93	-0.98	-1.05	-1.12
	τ_1	0.29	0.25	0.20	0.14	0.02	-0.15
	τ_2	-1.50	-1.49	-1.49	-1.48	-1.47	-1.46
90.0	τ_0	-0.87	-0.93	-0.97	-1.01	-1.09	-1.16
	τ_1	0.53	0.49	0.44	0.40	0.29	0.14
	τ_2	-1.52	-1.51	-1.51	-1.50	-1.49	-1.49
95.0	τ_0	-0.95	-1.00	-1.04	-1.09	-1.16	-1.23
	τ_1	0.77	0.74	0.70	0.65	0.55	0.42
	τ_2	-1.51	-1.50	-1.50	-1.50	-1.49	-1.48
100.0	τ_0	-1.06	-1.11	-1.15	-1.19	-1.27	-1.34
	τ_1	1.00	0.97	0.93	0.89	0.80	0.69
	τ_2	-1.47	-1.47	-1.47	-1.47	-1.46	-1.45
105.0	τ_0	-1.20	-1.25	-1.29	-1.33	-1.41	-1.48
	τ_1	1.22	1.19	1.15	1.12	1.03	0.93
	τ_2	-1.42	-1.42	-1.42	-1.41	-1.41	-1.40
110.0	τ_0	-1.37	-1.42	-1.47	-1.51	-1.58	-1.65
	τ_1	1.41	1.38	1.35	1.32	1.24	1.14
	τ_2	-1.35	-1.34	-1.34	-1.34	-1.34	-1.33
115.0	τ_0	-1.57	-1.62	-1.66	-1.71	-1.78	-1.85
	τ_1	1.57	1.54	1.52	1.48	1.41	1.33
	τ_2	-1.25	-1.25	-1.25	-1.25	-1.25	-1.24
120.0	τ_0	-1.79	-1.84	-1.89	-1.93	-2.00	-2.07
	τ_1	1.70	1.67	1.64	1.62	1.55	1.47
	τ_2	-1.15	-1.14	-1.14	-1.14	-1.14	-1.13
125.0	τ_0	-2.03	-2.08	-2.13	-2.17	-2.24	-2.31
	τ_1	1.78	1.76	1.73	1.71	1.65	1.58
	τ_2	-1.03	-1.02	-1.02	-1.02	-1.02	-1.02
130.0	τ_0	-2.28	-2.33	-2.38	-2.42	-2.49	-2.56
	τ_1	1.82	1.80	1.78	1.76	1.70	1.64
	τ_2	-0.90	-0.90	-0.89	-0.89	-0.89	-0.89
135.0	τ_0	-2.54	-2.59	-2.63	-2.67	-2.74	-2.81
	τ_1	1.82	1.80	1.78	1.76	1.71	1.66
	τ_2	-0.77	-0.77	-0.77	-0.76	-0.76	-0.76
140.0	τ_0	-2.79	-2.84	-2.88	-2.92	-3.00	-3.06
	τ_1	1.76	1.75	1.73	1.71	1.67	1.62
	τ_2	-0.63	-0.63	-0.63	-0.63	-0.63	-0.63

Ellipticity - pSKSdf

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
110.0	τ_0	-1.37	-1.42	-1.46	-1.50	-1.58	-1.64
	τ_1	1.34	1.33	1.31	1.30	1.26	1.22
	τ_2	-1.40	-1.40	-1.40	-1.40	-1.39	-1.39
115.0	τ_0	-1.57	-1.62	-1.66	-1.70	-1.77	-1.84
	τ_1	1.52	1.51	1.50	1.48	1.45	1.41
	τ_2	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29
120.0	τ_0	-1.79	-1.84	-1.88	-1.92	-2.00	-2.06
	τ_1	1.67	1.65	1.64	1.62	1.59	1.55
	τ_2	-1.17	-1.17	-1.17	-1.17	-1.17	-1.17
125.0	τ_0	-2.03	-2.08	-2.12	-2.16	-2.23	-2.30
	τ_1	1.76	1.75	1.73	1.72	1.69	1.65
	τ_2	-1.04	-1.04	-1.04	-1.04	-1.04	-1.04
130.0	τ_0	-2.28	-2.33	-2.37	-2.41	-2.49	-2.55
	τ_1	1.81	1.80	1.78	1.77	1.73	1.70
	τ_2	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91
135.0	τ_0	-2.53	-2.58	-2.62	-2.66	-2.74	-2.80
	τ_1	1.81	1.79	1.78	1.77	1.73	1.70
	τ_2	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77
140.0	τ_0	-2.78	-2.83	-2.87	-2.91	-2.99	-3.05
	τ_1	1.75	1.74	1.73	1.72	1.69	1.65
	τ_2	-0.64	-0.63	-0.63	-0.63	-0.63	-0.63
145.0	τ_0	-3.02	-3.07	-3.11	-3.15	-3.23	-3.29
	τ_1	1.65	1.64	1.63	1.62	1.59	1.56
	τ_2	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
150.0	τ_0	-3.24	-3.29	-3.34	-3.38	-3.45	-3.52
	τ_1	1.51	1.50	1.49	1.48	1.46	1.43
	τ_2	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
155.0	τ_0	-3.45	-3.49	-3.54	-3.58	-3.65	-3.72
	τ_1	1.33	1.32	1.31	1.30	1.28	1.26
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
160.0	τ_0	-3.62	-3.67	-3.71	-3.75	-3.82	-3.89
	τ_1	1.11	1.10	1.09	1.09	1.07	1.05
	τ_2	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18
165.0	τ_0	-3.76	-3.81	-3.85	-3.89	-3.96	-4.03
	τ_1	0.86	0.85	0.85	0.84	0.83	0.82
	τ_2	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
170.0	τ_0	-3.86	-3.91	-3.95	-3.99	-4.07	-4.13
	τ_1	0.58	0.58	0.58	0.57	0.57	0.56
	τ_2	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
175.0	τ_0	-3.92	-3.97	-4.01	-4.05	-4.13	-4.19
	τ_1	0.30	0.30	0.29	0.29	0.29	0.28
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
180.0	τ_0	-3.94	-3.99	-4.04	-4.08	-4.15	-4.21
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - sS

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
20.0	τ_0	-1.01	-1.07	-1.10	-1.11	-1.27	-1.43
	τ_1	-0.30	-0.38	-0.46	-0.54	-0.69	-0.84
	τ_2	-0.11	-0.11	-0.12	-0.13	-0.16	-0.20
25.0	τ_0	-1.15	-1.22	-1.27	-1.24	-1.34	-1.44
	τ_1	-0.42	-0.48	-0.55	-0.65	-0.78	-0.90
	τ_2	-0.20	-0.20	-0.20	-0.19	-0.24	-0.28
30.0	τ_0	-1.19	-1.26	-1.32	-1.37	-1.41	-1.45
	τ_1	-0.51	-0.58	-0.64	-0.71	-0.86	-1.01
	τ_2	-0.28	-0.28	-0.28	-0.28	-0.31	-0.33
35.0	τ_0	-1.20	-1.28	-1.34	-1.39	-1.43	-1.50
	τ_1	-0.60	-0.66	-0.73	-0.80	-0.95	-1.21
	τ_2	-0.37	-0.36	-0.36	-0.37	-0.39	-0.51
40.0	τ_0	-1.19	-1.27	-1.33	-1.39	-1.44	-1.38
	τ_1	-0.67	-0.73	-0.80	-0.87	-1.02	-1.18
	τ_2	-0.47	-0.47	-0.46	-0.47	-0.49	-0.55
45.0	τ_0	-1.16	-1.24	-1.31	-1.36	-1.43	-1.39
	τ_1	-0.71	-0.78	-0.84	-0.91	-1.06	-1.23
	τ_2	-0.58	-0.58	-0.58	-0.58	-0.59	-0.65
50.0	τ_0	-1.12	-1.20	-1.26	-1.32	-1.40	-1.38
	τ_1	-0.73	-0.79	-0.86	-0.93	-1.08	-1.25
	τ_2	-0.71	-0.70	-0.70	-0.70	-0.71	-0.75
55.0	τ_0	-1.05	-1.14	-1.21	-1.27	-1.35	-1.36
	τ_1	-0.71	-0.77	-0.84	-0.91	-1.06	-1.23
	τ_2	-0.83	-0.83	-0.82	-0.82	-0.83	-0.86
60.0	τ_0	-0.99	-1.07	-1.14	-1.21	-1.30	-1.32
	τ_1	-0.65	-0.71	-0.78	-0.85	-0.99	-1.17
	τ_2	-0.96	-0.95	-0.95	-0.95	-0.95	-0.98
65.0	τ_0	-0.92	-1.01	-1.08	-1.15	-1.24	-1.28
	τ_1	-0.56	-0.62	-0.68	-0.75	-0.89	-1.07
	τ_2	-1.08	-1.07	-1.07	-1.07	-1.07	-1.09
70.0	τ_0	-0.87	-0.95	-1.02	-1.09	-1.20	-1.25
	τ_1	-0.42	-0.48	-0.54	-0.61	-0.75	-0.92
	τ_2	-1.19	-1.19	-1.18	-1.18	-1.18	-1.20
75.0	τ_0	-0.83	-0.91	-0.99	-1.05	-1.16	-1.22
	τ_1	-0.26	-0.31	-0.37	-0.44	-0.58	-0.74
	τ_2	-1.29	-1.29	-1.28	-1.28	-1.28	-1.30
80.0	τ_0	-0.81	-0.89	-0.97	-1.04	-1.15	-1.22
	τ_1	-0.06	-0.11	-0.17	-0.23	-0.37	-0.53
	τ_2	-1.38	-1.37	-1.37	-1.37	-1.37	-1.38
85.0	τ_0	-0.81	-0.90	-0.97	-1.05	-1.16	-1.24
	τ_1	0.17	0.12	0.06	0.00	-0.13	-0.29
	τ_2	-1.44	-1.44	-1.43	-1.43	-1.43	-1.44
90.0	τ_0	-0.86	-0.94	-1.02	-1.09	-1.21	-1.29
	τ_1	0.42	0.37	0.31	0.26	0.13	-0.02
	τ_2	-1.48	-1.48	-1.47	-1.47	-1.47	-1.48
95.0	τ_0	-0.93	-1.02	-1.09	-1.16	-1.29	-1.38
	τ_1	0.66	0.62	0.57	0.52	0.40	0.26
	τ_2	-1.49	-1.49	-1.49	-1.49	-1.49	-1.49

100.0	τ_0	-1.04	-1.12	-1.20	-1.27	-1.40	-1.49
	τ_1	0.89	0.85	0.80	0.75	0.64	0.50
	τ_2	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48

Ellipticity - sSKSac

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
65.0	τ_0	-1.01	-1.10	-1.17	-1.25	-1.38	-1.46
	τ_1	-0.56	-0.60	-0.64	-0.68	-0.77	-0.85
	τ_2	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
70.0	τ_0	-0.92	-1.01	-1.08	-1.16	-1.29	-1.39
	τ_1	-0.37	-0.41	-0.45	-0.49	-0.59	-0.69
	τ_2	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32
75.0	τ_0	-0.86	-0.94	-1.02	-1.09	-1.22	-1.33
	τ_1	-0.17	-0.21	-0.25	-0.29	-0.39	-0.49
	τ_2	-1.40	-1.40	-1.39	-1.39	-1.39	-1.40
80.0	τ_0	-0.83	-0.92	-0.99	-1.07	-1.20	-1.30
	τ_1	0.05	0.02	-0.02	-0.07	-0.15	-0.25
	τ_2	-1.46	-1.46	-1.45	-1.45	-1.45	-1.45
85.0	τ_0	-0.84	-0.92	-1.00	-1.07	-1.20	-1.31
	τ_1	0.29	0.25	0.22	0.18	0.10	0.00
	τ_2	-1.50	-1.50	-1.50	-1.49	-1.49	-1.49
90.0	τ_0	-0.87	-0.96	-1.04	-1.11	-1.24	-1.35
	τ_1	0.53	0.50	0.47	0.43	0.36	0.27
	τ_2	-1.52	-1.51	-1.51	-1.51	-1.51	-1.51
95.0	τ_0	-0.95	-1.03	-1.11	-1.19	-1.32	-1.43
	τ_1	0.77	0.74	0.71	0.68	0.61	0.53
	τ_2	-1.51	-1.51	-1.50	-1.50	-1.50	-1.50
100.0	τ_0	-1.06	-1.14	-1.22	-1.29	-1.43	-1.54
	τ_1	1.00	0.98	0.95	0.92	0.86	0.78
	τ_2	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47
105.0	τ_0	-1.20	-1.28	-1.36	-1.44	-1.57	-1.68
	τ_1	1.22	1.20	1.17	1.14	1.08	1.01
	τ_2	-1.42	-1.42	-1.42	-1.42	-1.42	-1.42
110.0	τ_0	-1.37	-1.46	-1.53	-1.61	-1.74	-1.86
	τ_1	1.41	1.39	1.36	1.34	1.28	1.22
	τ_2	-1.35	-1.34	-1.34	-1.34	-1.34	-1.34
115.0	τ_0	-1.57	-1.65	-1.73	-1.81	-1.94	-2.05
	τ_1	1.57	1.55	1.53	1.50	1.45	1.39
	τ_2	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
120.0	τ_0	-1.79	-1.88	-1.95	-2.03	-2.16	-2.28
	τ_1	1.70	1.68	1.66	1.64	1.59	1.54
	τ_2	-1.15	-1.15	-1.14	-1.14	-1.14	-1.14
125.0	τ_0	-2.03	-2.12	-2.19	-2.27	-2.40	-2.52
	τ_1	1.78	1.76	1.75	1.73	1.68	1.63
	τ_2	-1.03	-1.02	-1.02	-1.02	-1.02	-1.02
130.0	τ_0	-2.28	-2.37	-2.45	-2.52	-2.66	-2.77
	τ_1	1.82	1.81	1.79	1.77	1.73	1.69
	τ_2	-0.90	-0.90	-0.90	-0.90	-0.89	-0.90
135.0	τ_0	-2.54	-2.62	-2.70	-2.77	-2.91	-3.02
	τ_1	1.82	1.80	1.79	1.77	1.74	1.70
	τ_2	-0.77	-0.77	-0.77	-0.77	-0.77	-0.76
140.0	τ_0	-2.79	-2.87	-2.95	-3.02	-3.16	-3.28
	τ_1	1.76	1.75	1.74	1.72	1.69	1.66
	τ_2	-0.63	-0.63	-0.63	-0.63	-0.63	-0.63

Ellipticity - sSKSdf

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
110.0	τ_0	-1.37	-1.45	-1.53	-1.61	-1.74	-1.86
	τ_1	1.34	1.33	1.32	1.31	1.28	1.25
	τ_2	-1.40	-1.40	-1.40	-1.40	-1.40	-1.40
115.0	τ_0	-1.57	-1.65	-1.73	-1.80	-1.94	-2.06
	τ_1	1.52	1.51	1.50	1.49	1.46	1.44
	τ_2	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29
120.0	τ_0	-1.79	-1.87	-1.95	-2.02	-2.16	-2.28
	τ_1	1.67	1.66	1.64	1.63	1.61	1.58
	τ_2	-1.17	-1.17	-1.17	-1.17	-1.17	-1.17
125.0	τ_0	-2.03	-2.11	-2.19	-2.26	-2.40	-2.52
	τ_1	1.76	1.75	1.74	1.73	1.70	1.68
	τ_2	-1.04	-1.04	-1.04	-1.04	-1.04	-1.04
130.0	τ_0	-2.28	-2.36	-2.44	-2.51	-2.65	-2.77
	τ_1	1.81	1.80	1.79	1.78	1.75	1.73
	τ_2	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91
135.0	τ_0	-2.53	-2.62	-2.69	-2.77	-2.90	-3.02
	τ_1	1.81	1.80	1.79	1.78	1.75	1.73
	τ_2	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77
140.0	τ_0	-2.78	-2.87	-2.94	-3.02	-3.15	-3.27
	τ_1	1.75	1.75	1.74	1.73	1.70	1.68
	τ_2	-0.64	-0.64	-0.63	-0.63	-0.63	-0.63
145.0	τ_0	-3.02	-3.11	-3.18	-3.26	-3.39	-3.51
	τ_1	1.65	1.65	1.64	1.63	1.61	1.59
	τ_2	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
150.0	τ_0	-3.24	-3.33	-3.41	-3.48	-3.62	-3.73
	τ_1	1.51	1.50	1.50	1.49	1.47	1.45
	τ_2	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
155.0	τ_0	-3.45	-3.53	-3.61	-3.68	-3.82	-3.93
	τ_1	1.33	1.32	1.31	1.31	1.29	1.28
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
160.0	τ_0	-3.62	-3.70	-3.78	-3.85	-3.99	-4.11
	τ_1	1.11	1.10	1.10	1.09	1.08	1.07
	τ_2	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18
165.0	τ_0	-3.76	-3.84	-3.92	-3.99	-4.13	-4.25
	τ_1	0.86	0.85	0.85	0.85	0.84	0.83
	τ_2	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
170.0	τ_0	-3.86	-3.94	-4.02	-4.10	-4.23	-4.35
	τ_1	0.58	0.58	0.58	0.58	0.57	0.56
	τ_2	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
175.0	τ_0	-3.92	-4.01	-4.08	-4.16	-4.29	-4.41
	τ_1	0.30	0.29	0.29	0.29	0.29	0.29
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
180.0	τ_0	-3.94	-4.03	-4.11	-4.18	-4.32	-4.43
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - ScS

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
0.0	τ_0	-2.74	-2.66	-2.58	-2.51	-2.37	-2.25
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00
5.0	τ_0	-2.72	-2.64	-2.56	-2.49	-2.35	-2.23
	τ_1	-0.21	-0.21	-0.21	-0.21	-0.22	-0.22
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
10.0	τ_0	-2.67	-2.58	-2.50	-2.43	-2.29	-2.18
	τ_1	-0.40	-0.41	-0.41	-0.41	-0.42	-0.43
	τ_2	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
15.0	τ_0	-2.57	-2.49	-2.41	-2.34	-2.20	-2.08
	τ_1	-0.58	-0.59	-0.59	-0.60	-0.61	-0.62
	τ_2	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11
20.0	τ_0	-2.45	-2.37	-2.29	-2.22	-2.08	-1.96
	τ_1	-0.74	-0.75	-0.75	-0.76	-0.77	-0.79
	τ_2	-0.19	-0.19	-0.19	-0.19	-0.19	-0.19
25.0	τ_0	-2.31	-2.22	-2.14	-2.07	-1.93	-1.81
	τ_1	-0.87	-0.87	-0.88	-0.89	-0.91	-0.93
	τ_2	-0.29	-0.29	-0.29	-0.29	-0.29	-0.29
30.0	τ_0	-2.14	-2.06	-1.98	-1.90	-1.76	-1.64
	τ_1	-0.96	-0.97	-0.98	-0.99	-1.01	-1.03
	τ_2	-0.40	-0.40	-0.40	-0.40	-0.40	-0.41
35.0	τ_0	-1.97	-1.88	-1.80	-1.73	-1.59	-1.46
	τ_1	-1.01	-1.02	-1.03	-1.04	-1.07	-1.09
	τ_2	-0.52	-0.52	-0.52	-0.52	-0.52	-0.53
40.0	τ_0	-1.78	-1.70	-1.62	-1.54	-1.40	-1.28
	τ_1	-1.03	-1.04	-1.05	-1.06	-1.09	-1.11
	τ_2	-0.64	-0.64	-0.65	-0.65	-0.65	-0.66
45.0	τ_0	-1.60	-1.52	-1.44	-1.36	-1.22	-1.10
	τ_1	-1.00	-1.02	-1.03	-1.04	-1.07	-1.09
	τ_2	-0.77	-0.77	-0.77	-0.78	-0.78	-0.79
50.0	τ_0	-1.43	-1.34	-1.27	-1.19	-1.05	-0.93
	τ_1	-0.94	-0.96	-0.97	-0.98	-1.01	-1.04
	τ_2	-0.90	-0.90	-0.90	-0.90	-0.91	-0.91
55.0	τ_0	-1.27	-1.18	-1.11	-1.03	-0.89	-0.77
	τ_1	-0.84	-0.86	-0.87	-0.89	-0.92	-0.94
	τ_2	-1.02	-1.02	-1.02	-1.03	-1.03	-1.04
60.0	τ_0	-1.13	-1.04	-0.96	-0.89	-0.75	-0.62
	τ_1	-0.72	-0.73	-0.74	-0.76	-0.79	-0.82
	τ_2	-1.13	-1.13	-1.14	-1.14	-1.14	-1.15
65.0	τ_0	-1.01	-0.92	-0.85	-0.77	-0.63	-0.51
	τ_1	-0.56	-0.57	-0.59	-0.60	-0.63	-0.66
	τ_2	-1.23	-1.23	-1.24	-1.24	-1.25	-1.25
70.0	τ_0	-0.92	-0.83	-0.75	-0.68	-0.54	-0.41
	τ_1	-0.38	-0.39	-0.41	-0.42	-0.45	-0.48
	τ_2	-1.32	-1.32	-1.32	-1.33	-1.33	-1.34
75.0	τ_0	-0.86	-0.77	-0.69	-0.62	-0.47	-0.35
	τ_1	-0.18	-0.19	-0.21	-0.22	-0.25	-0.28
	τ_2	-1.39	-1.39	-1.40	-1.40	-1.41	-1.41

80.0	τ_0	-0.83	-0.74	-0.66	-0.58	-0.44	-0.32
	τ_1	0.04	0.02	0.01	-0.01	-0.04	-0.07
	τ_2	-1.45	-1.45	-1.45	-1.46	-1.46	-1.47
85.0	τ_0	-0.83	-0.74	-0.66	-0.59	-0.45	-0.32
	τ_1	0.26	0.24	0.23	0.21	0.18	0.15
	τ_2	-1.48	-1.49	-1.49	-1.49	-1.50	-1.51
90.0	τ_0	-0.87	-0.78	-0.70	-0.62	-0.48	-0.36
	τ_1	0.48	0.46	0.45	0.43	0.40	0.37
	τ_2	-1.50	-1.50	-1.51	-1.51	-1.52	-1.53

Ellipticity - PcS

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
0.0	τ_0	-2.12	-2.07	-2.03	-1.99	-1.92	-1.85
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00
5.0	τ_0	-2.10	-2.06	-2.01	-1.97	-1.90	-1.83
	τ_1	-0.21	-0.21	-0.21	-0.21	-0.21	-0.22
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
10.0	τ_0	-2.05	-2.00	-1.96	-1.92	-1.84	-1.78
	τ_1	-0.40	-0.41	-0.41	-0.41	-0.42	-0.42
	τ_2	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
15.0	τ_0	-1.96	-1.92	-1.87	-1.83	-1.76	-1.69
	τ_1	-0.59	-0.59	-0.59	-0.60	-0.61	-0.61
	τ_2	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
20.0	τ_0	-1.85	-1.80	-1.76	-1.72	-1.64	-1.57
	τ_1	-0.75	-0.75	-0.76	-0.76	-0.77	-0.78
	τ_2	-0.17	-0.17	-0.17	-0.18	-0.18	-0.18
25.0	τ_0	-1.71	-1.66	-1.62	-1.57	-1.50	-1.43
	τ_1	-0.88	-0.88	-0.89	-0.90	-0.91	-0.92
	τ_2	-0.26	-0.26	-0.27	-0.27	-0.27	-0.27
30.0	τ_0	-1.55	-1.50	-1.46	-1.41	-1.34	-1.27
	τ_1	-0.98	-0.99	-0.99	-1.00	-1.01	-1.03
	τ_2	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37
35.0	τ_0	-1.38	-1.33	-1.29	-1.24	-1.17	-1.10
	τ_1	-1.05	-1.05	-1.06	-1.07	-1.08	-1.10
	τ_2	-0.48	-0.48	-0.48	-0.48	-0.48	-0.49
40.0	τ_0	-1.20	-1.15	-1.11	-1.07	-0.99	-0.92
	τ_1	-1.07	-1.08	-1.09	-1.10	-1.11	-1.13
	τ_2	-0.60	-0.60	-0.60	-0.60	-0.60	-0.61
45.0	τ_0	-1.02	-0.97	-0.93	-0.89	-0.81	-0.74
	τ_1	-1.07	-1.08	-1.08	-1.09	-1.11	-1.12
	τ_2	-0.71	-0.72	-0.72	-0.72	-0.72	-0.73
50.0	τ_0	-0.85	-0.80	-0.76	-0.72	-0.64	-0.57
	τ_1	-1.02	-1.03	-1.04	-1.05	-1.06	-1.08
	τ_2	-0.83	-0.83	-0.84	-0.84	-0.84	-0.85
55.0	τ_0	-0.69	-0.64	-0.60	-0.55	-0.48	-0.41
	τ_1	-0.94	-0.95	-0.96	-0.97	-0.98	-1.00
	τ_2	-0.95	-0.95	-0.95	-0.95	-0.95	-0.96
60.0	τ_0	-0.54	-0.50	-0.45	-0.41	-0.33	-0.27
	τ_1	-0.83	-0.84	-0.84	-0.85	-0.87	-0.89
	τ_2	-1.05	-1.05	-1.05	-1.06	-1.06	-1.06

Ellipticity - PKSab

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
130.0	τ_0	-1.64	-1.58	-1.53	-1.49	-1.41	-1.34
	τ_1	1.55	1.55	1.53	1.51	1.48	1.45
	τ_2	-0.88	-0.89	-0.89	-0.89	-0.90	-0.90
135.0	τ_0	-1.82	-1.77	-1.73	-1.68	-1.61	-1.54
	τ_1	1.43	1.43	1.42	1.41	1.39	1.37
	τ_2	-0.79	-0.79	-0.80	-0.80	-0.80	-0.81
140.0	τ_0	-2.01	-1.96	-1.92	-1.88	-1.80	-1.73
	τ_1	1.32	1.31	1.31	1.30	1.28	1.27
	τ_2	-0.70	-0.70	-0.70	-0.71	-0.71	-0.72

Ellipticity - PKSbc

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
130.0	τ_0	-1.65	-1.59	-1.55	-1.52	-1.45	-1.38
	τ_1	1.57	1.57	1.58	1.59	1.60	1.61
	τ_2	-0.87	-0.88	-0.88	-0.88	-0.88	-0.88
135.0	τ_0	-1.91	-1.87	-1.82	-1.78	-1.71	-1.64
	τ_1	1.65	1.65	1.65	1.65	1.65	1.65
	τ_2	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75
140.0	τ_0	-2.17	-2.12	-2.08	-2.04	-1.96	-1.90
	τ_1	1.63	1.63	1.63	1.63	1.63	1.63
	τ_2	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62
145.0	τ_0	-2.41	-2.36	-2.32	-2.28	-2.21	-2.14
	τ_1	1.55	1.55	1.55	1.55	1.55	1.55
	τ_2	-0.49	-0.49	-0.49	-0.50	-0.50	-0.50

Ellipticity - PKSdf

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
110.0	τ_0	-0.76	-0.71	-0.67	-0.62	-0.55	-0.48
	τ_1	1.26	1.26	1.26	1.25	1.25	1.25
	τ_2	-1.38	-1.38	-1.38	-1.39	-1.39	-1.39
115.0	τ_0	-0.95	-0.91	-0.86	-0.82	-0.75	-0.68
	τ_1	1.44	1.44	1.44	1.44	1.43	1.43
	τ_2	-1.28	-1.28	-1.28	-1.28	-1.28	-1.29
120.0	τ_0	-1.18	-1.13	-1.08	-1.04	-0.97	-0.90
	τ_1	1.58	1.58	1.58	1.58	1.58	1.57
	τ_2	-1.16	-1.16	-1.16	-1.16	-1.17	-1.17
125.0	τ_0	-1.41	-1.37	-1.32	-1.28	-1.21	-1.14
	τ_1	1.68	1.68	1.68	1.68	1.67	1.67
	τ_2	-1.03	-1.03	-1.04	-1.04	-1.04	-1.04
130.0	τ_0	-1.66	-1.62	-1.57	-1.53	-1.46	-1.39
	τ_1	1.73	1.73	1.73	1.72	1.72	1.72
	τ_2	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90
135.0	τ_0	-1.92	-1.87	-1.83	-1.79	-1.71	-1.65
	τ_1	1.73	1.73	1.73	1.72	1.72	1.72
	τ_2	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76
140.0	τ_0	-2.17	-2.12	-2.08	-2.04	-1.96	-1.90
	τ_1	1.68	1.68	1.68	1.68	1.67	1.67
	τ_2	-0.63	-0.63	-0.63	-0.63	-0.63	-0.63
145.0	τ_0	-2.41	-2.36	-2.32	-2.28	-2.20	-2.14
	τ_1	1.59	1.58	1.58	1.58	1.58	1.58
	τ_2	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
150.0	τ_0	-2.63	-2.58	-2.54	-2.50	-2.42	-2.36
	τ_1	1.45	1.45	1.45	1.45	1.45	1.45
	τ_2	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38
155.0	τ_0	-2.83	-2.78	-2.74	-2.70	-2.62	-2.56
	τ_1	1.27	1.27	1.27	1.27	1.27	1.27
	τ_2	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27
160.0	τ_0	-3.00	-2.95	-2.91	-2.87	-2.80	-2.73
	τ_1	1.06	1.06	1.06	1.06	1.06	1.06
	τ_2	-0.18	-0.18	-0.18	-0.18	-0.18	-0.18
165.0	τ_0	-3.14	-3.09	-3.05	-3.01	-2.93	-2.87
	τ_1	0.83	0.82	0.82	0.82	0.82	0.82
	τ_2	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
170.0	τ_0	-3.24	-3.19	-3.15	-3.11	-3.04	-2.97
	τ_1	0.56	0.56	0.56	0.56	0.56	0.56
	τ_2	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
175.0	τ_0	-3.30	-3.26	-3.21	-3.17	-3.10	-3.03
	τ_1	0.29	0.29	0.29	0.29	0.29	0.29
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
180.0	τ_0	-3.32	-3.28	-3.23	-3.19	-3.12	-3.06
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - PKKSab

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
215.0	τ_0	-1.88	-1.83	-1.79	-1.74	-1.67	-1.60
	τ_1	2.09	2.08	2.07	2.06	2.04	2.02
	τ_2	-1.26	-1.26	-1.26	-1.26	-1.27	-1.27
220.0	τ_0	-1.69	-1.64	-1.59	-1.56	-1.48	-1.41
	τ_1	2.13	2.12	2.12	2.11	2.10	2.09
	τ_2	-1.39	-1.39	-1.39	-1.39	-1.39	-1.40

Ellipticity - PKKSbc

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
215.0	τ_0	-1.87	-1.82	-1.78	-1.74	-1.65	-1.58
	τ_1	2.14	2.14	2.14	2.13	2.13	2.12
	τ_2	-1.26	-1.27	-1.27	-1.27	-1.28	-1.28
220.0	τ_0	-1.67	-1.62	-1.58	-1.53	-1.45	-1.38
	τ_1	2.28	2.28	2.27	2.27	2.26	2.26
	τ_2	-1.40	-1.41	-1.41	-1.41	-1.42	-1.42
225.0	τ_0	-1.47	-1.42	-1.37	-1.33	-1.25	-1.17
	τ_1	2.35	2.35	2.34	2.34	2.33	2.33
	τ_2	-1.54	-1.54	-1.54	-1.55	-1.56	-1.56
230.0	τ_0	-1.27	-1.22	-1.18	-1.13	-1.06	-0.98
	τ_1	2.36	2.36	2.36	2.35	2.35	2.34
	τ_2	-1.67	-1.68	-1.68	-1.68	-1.68	-1.69
235.0	τ_0	-1.10	-1.04	-1.00	-0.96	-0.88	-0.80
	τ_1	2.32	2.32	2.31	2.31	2.31	2.30
	τ_2	-1.79	-1.80	-1.80	-1.80	-1.81	-1.81
240.0	τ_0	-0.94	-0.89	-0.84	-0.80	-0.72	-0.64
	τ_1	2.23	2.23	2.22	2.22	2.21	2.21
	τ_2	-1.90	-1.91	-1.91	-1.91	-1.92	-1.92
245.0	τ_0	-0.81	-0.76	-0.71	-0.67	-0.59	-0.51
	τ_1	2.09	2.08	2.08	2.08	2.08	2.08
	τ_2	-2.00	-2.00	-2.00	-2.00	-2.01	-2.01
250.0	τ_0	-0.71	-0.66	-0.61	-0.57	-0.49	-0.42
	τ_1	1.90	1.90	1.90	1.89	1.89	1.89
	τ_2	-2.07	-2.07	-2.07	-2.07	-2.08	-2.09
255.0	τ_0	-0.65	-0.60	-0.55	-0.51	-0.43	-0.36
	τ_1	1.68	1.68	1.68	1.68	1.68	1.68
	τ_2	-2.12	-2.12	-2.12	-2.12	-2.13	-2.13
260.0	τ_0	-0.63	-0.58	-0.54	-0.49	-0.41	-0.34
	τ_1	1.44	1.43	1.43	1.43	1.43	1.43
	τ_2	-2.14	-2.14	-2.15	-2.15	-2.15	-2.16
265.0	τ_0	-0.65	-0.60	-0.56	-0.52	-0.44	-0.36
	τ_1	1.16	1.16	1.16	1.16	1.16	1.15
	τ_2	-2.14	-2.14	-2.15	-2.15	-2.15	-2.16
270.0	τ_0	-0.72	-0.67	-0.63	-0.59	-0.51	-0.43
	τ_1	0.87	0.87	0.87	0.87	0.87	0.87
	τ_2	-2.12	-2.12	-2.12	-2.12	-2.12	-2.13
275.0	τ_0	-0.84	-0.79	-0.74	-0.70	-0.62	-0.55
	τ_1	0.58	0.58	0.57	0.57	0.57	0.57
	τ_2	-2.06	-2.06	-2.07	-2.07	-2.07	-2.08
280.0	τ_0	-0.99	-0.94	-0.90	-0.85	-0.78	-0.70
	τ_1	0.28	0.28	0.28	0.28	0.28	0.28
	τ_2	-1.98	-1.98	-1.99	-1.99	-1.99	-2.00

Ellipticity - PKKSdf

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
205.0	τ_0	-2.17	-2.13	-2.08	-2.05	-1.97	-1.90
	τ_1	1.87	1.86	1.86	1.85	1.85	1.84
	τ_2	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16
210.0	τ_0	-2.00	-1.95	-1.91	-1.87	-1.79	-1.72
	τ_1	2.11	2.10	2.10	2.10	2.09	2.08
	τ_2	-1.27	-1.27	-1.27	-1.27	-1.27	-1.28
215.0	τ_0	-1.81	-1.76	-1.71	-1.67	-1.60	-1.53
	τ_1	2.30	2.29	2.29	2.29	2.28	2.27
	τ_2	-1.39	-1.39	-1.39	-1.39	-1.39	-1.40
220.0	τ_0	-1.61	-1.56	-1.52	-1.47	-1.40	-1.33
	τ_1	2.43	2.43	2.43	2.42	2.42	2.41
	τ_2	-1.51	-1.51	-1.51	-1.52	-1.52	-1.52
225.0	τ_0	-1.41	-1.36	-1.32	-1.28	-1.20	-1.13
	τ_1	2.51	2.51	2.51	2.50	2.50	2.49
	τ_2	-1.64	-1.64	-1.64	-1.64	-1.64	-1.65
230.0	τ_0	-1.22	-1.17	-1.13	-1.09	-1.01	-0.94
	τ_1	2.53	2.53	2.53	2.52	2.52	2.51
	τ_2	-1.75	-1.76	-1.76	-1.76	-1.76	-1.76
235.0	τ_0	-1.05	-1.00	-0.95	-0.91	-0.83	-0.76
	τ_1	2.48	2.48	2.48	2.47	2.47	2.46
	τ_2	-1.87	-1.87	-1.87	-1.87	-1.87	-1.88
240.0	τ_0	-0.89	-0.84	-0.80	-0.76	-0.68	-0.61
	τ_1	2.37	2.37	2.37	2.37	2.36	2.36
	τ_2	-1.96	-1.96	-1.97	-1.97	-1.97	-1.97
245.0	τ_0	-0.77	-0.72	-0.67	-0.63	-0.55	-0.48
	τ_1	2.22	2.22	2.21	2.21	2.21	2.20
	τ_2	-2.04	-2.05	-2.05	-2.05	-2.05	-2.06
250.0	τ_0	-0.67	-0.62	-0.58	-0.54	-0.46	-0.39
	τ_1	2.02	2.02	2.02	2.01	2.01	2.01
	τ_2	-2.11	-2.11	-2.11	-2.11	-2.11	-2.12
255.0	τ_0	-0.62	-0.57	-0.52	-0.48	-0.40	-0.33
	τ_1	1.78	1.78	1.78	1.78	1.77	1.77
	τ_2	-2.15	-2.15	-2.15	-2.15	-2.16	-2.16
260.0	τ_0	-0.60	-0.55	-0.51	-0.46	-0.39	-0.32
	τ_1	1.52	1.51	1.51	1.51	1.51	1.51
	τ_2	-2.17	-2.17	-2.17	-2.17	-2.17	-2.18
265.0	τ_0	-0.63	-0.58	-0.53	-0.49	-0.41	-0.34
	τ_1	1.23	1.23	1.23	1.23	1.22	1.22
	τ_2	-2.16	-2.16	-2.16	-2.16	-2.17	-2.17
270.0	τ_0	-0.70	-0.65	-0.60	-0.56	-0.48	-0.41
	τ_1	0.93	0.93	0.93	0.93	0.93	0.93
	τ_2	-2.13	-2.13	-2.13	-2.13	-2.13	-2.14
275.0	τ_0	-0.81	-0.76	-0.72	-0.67	-0.60	-0.53
	τ_1	0.63	0.63	0.63	0.63	0.63	0.63
	τ_2	-2.07	-2.07	-2.07	-2.07	-2.08	-2.08
280.0	τ_0	-0.96	-0.91	-0.87	-0.83	-0.75	-0.68
	τ_1	0.34	0.34	0.34	0.33	0.33	0.34
	τ_2	-1.99	-1.99	-1.99	-1.99	-2.00	-2.00

285.0	τ_0	-1.16	-1.11	-1.06	-1.02	-0.94	-0.88
	τ_1	0.05	0.05	0.05	0.05	0.05	0.05
	τ_2	-1.89	-1.89	-1.89	-1.89	-1.89	-1.90
290.0	τ_0	-1.38	-1.33	-1.29	-1.25	-1.17	-1.10
	τ_1	-0.21	-0.21	-0.21	-0.21	-0.21	-0.21
	τ_2	-1.76	-1.76	-1.76	-1.77	-1.77	-1.77
295.0	τ_0	-1.64	-1.59	-1.55	-1.51	-1.43	-1.36
	τ_1	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44
	τ_2	-1.62	-1.62	-1.62	-1.62	-1.63	-1.63
300.0	τ_0	-1.92	-1.87	-1.83	-1.79	-1.71	-1.64
	τ_1	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64
	τ_2	-1.47	-1.47	-1.47	-1.47	-1.47	-1.47
305.0	τ_0	-2.22	-2.17	-2.12	-2.08	-2.01	-1.94
	τ_1	-0.81	-0.81	-0.81	-0.81	-0.81	-0.80
	τ_2	-1.30	-1.30	-1.30	-1.30	-1.31	-1.31
310.0	τ_0	-2.52	-2.47	-2.43	-2.39	-2.31	-2.25
	τ_1	-0.93	-0.93	-0.93	-0.93	-0.93	-0.92
	τ_2	-1.13	-1.13	-1.13	-1.13	-1.13	-1.13
315.0	τ_0	-2.83	-2.79	-2.74	-2.70	-2.63	-2.56
	τ_1	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
	τ_2	-0.96	-0.96	-0.96	-0.96	-0.96	-0.96
320.0	τ_0	-3.14	-3.09	-3.04	-3.00	-2.93	-2.86
	τ_1	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03
	τ_2	-0.79	-0.79	-0.79	-0.79	-0.79	-0.79
325.0	τ_0	-3.43	-3.38	-3.33	-3.29	-3.22	-3.15
	τ_1	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02
	τ_2	-0.62	-0.62	-0.62	-0.62	-0.62	-0.63
330.0	τ_0	-3.69	-3.64	-3.60	-3.56	-3.49	-3.42
	τ_1	-0.97	-0.97	-0.97	-0.97	-0.96	-0.96
	τ_2	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47
335.0	τ_0	-3.93	-3.89	-3.84	-3.80	-3.73	-3.66
	τ_1	-0.87	-0.87	-0.87	-0.87	-0.87	-0.87
	τ_2	-0.34	-0.34	-0.34	-0.34	-0.34	-0.34
340.0	τ_0	-4.14	-4.09	-4.05	-4.01	-3.93	-3.87
	τ_1	-0.74	-0.74	-0.74	-0.74	-0.74	-0.74
	τ_2	-0.22	-0.22	-0.22	-0.22	-0.22	-0.22
345.0	τ_0	-4.31	-4.26	-4.21	-4.17	-4.10	-4.04
	τ_1	-0.58	-0.58	-0.58	-0.58	-0.58	-0.58
	τ_2	-0.13	-0.13	-0.13	-0.13	-0.13	-0.13
350.0	τ_0	-4.43	-4.38	-4.34	-4.30	-4.22	-4.16
	τ_1	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40
	τ_2	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06
355.0	τ_0	-4.50	-4.45	-4.41	-4.37	-4.30	-4.23
	τ_1	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
360.0	τ_0	-4.53	-4.48	-4.44	-4.40	-4.32	-4.26
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - SKKSac

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
65.0	τ_0	-1.01	-0.93	-0.85	-0.77	-0.63	-0.51
	τ_1	-0.56	-0.57	-0.59	-0.60	-0.63	-0.66
	τ_2	-1.23	-1.24	-1.24	-1.24	-1.25	-1.26
70.0	τ_0	-0.92	-0.83	-0.76	-0.68	-0.54	-0.41
	τ_1	-0.37	-0.39	-0.40	-0.42	-0.45	-0.47
	τ_2	-1.32	-1.33	-1.33	-1.33	-1.34	-1.35
75.0	τ_0	-0.86	-0.77	-0.69	-0.62	-0.48	-0.35
	τ_1	-0.17	-0.18	-0.20	-0.21	-0.24	-0.27
	τ_2	-1.40	-1.40	-1.40	-1.41	-1.41	-1.42
80.0	τ_0	-0.83	-0.74	-0.66	-0.59	-0.45	-0.32
	τ_1	0.05	0.03	0.02	0.00	-0.03	-0.05
	τ_2	-1.45	-1.45	-1.46	-1.46	-1.47	-1.47
85.0	τ_0	-0.83	-0.75	-0.67	-0.59	-0.45	-0.33
	τ_1	0.27	0.25	0.24	0.22	0.19	0.17
	τ_2	-1.49	-1.49	-1.49	-1.50	-1.50	-1.51
90.0	τ_0	-0.87	-0.78	-0.70	-0.63	-0.49	-0.36
	τ_1	0.49	0.48	0.46	0.45	0.42	0.39
	τ_2	-1.50	-1.51	-1.51	-1.51	-1.52	-1.53
95.0	τ_0	-0.94	-0.85	-0.77	-0.70	-0.56	-0.44
	τ_1	0.71	0.69	0.68	0.66	0.64	0.61
	τ_2	-1.50	-1.51	-1.51	-1.51	-1.52	-1.52
100.0	τ_0	-1.04	-0.96	-0.88	-0.80	-0.66	-0.54
	τ_1	0.91	0.90	0.88	0.87	0.84	0.81
	τ_2	-1.48	-1.48	-1.49	-1.49	-1.50	-1.50
105.0	τ_0	-1.17	-1.08	-1.01	-0.93	-0.79	-0.67
	τ_1	1.09	1.07	1.06	1.05	1.02	1.00
	τ_2	-1.45	-1.45	-1.45	-1.45	-1.46	-1.47
110.0	τ_0	-1.33	-1.24	-1.16	-1.09	-0.95	-0.83
	τ_1	1.25	1.23	1.22	1.21	1.18	1.16
	τ_2	-1.39	-1.40	-1.40	-1.40	-1.41	-1.41
115.0	τ_0	-1.51	-1.42	-1.34	-1.26	-1.13	-1.00
	τ_1	1.38	1.36	1.35	1.34	1.31	1.29
	τ_2	-1.33	-1.33	-1.33	-1.33	-1.34	-1.35
120.0	τ_0	-1.70	-1.61	-1.53	-1.46	-1.32	-1.20
	τ_1	1.47	1.46	1.44	1.43	1.41	1.38
	τ_2	-1.25	-1.25	-1.26	-1.26	-1.26	-1.27
125.0	τ_0	-1.91	-1.82	-1.74	-1.67	-1.53	-1.41
	τ_1	1.53	1.51	1.50	1.49	1.47	1.44
	τ_2	-1.17	-1.17	-1.17	-1.17	-1.18	-1.18
130.0	τ_0	-2.12	-2.04	-1.96	-1.88	-1.74	-1.62
	τ_1	1.54	1.53	1.52	1.51	1.49	1.46
	τ_2	-1.08	-1.08	-1.08	-1.08	-1.09	-1.09
135.0	τ_0	-2.33	-2.25	-2.17	-2.09	-1.95	-1.83
	τ_1	1.52	1.51	1.50	1.49	1.47	1.45
	τ_2	-0.99	-0.99	-0.99	-0.99	-1.00	-1.00
140.0	τ_0	-2.54	-2.45	-2.37	-2.30	-2.16	-2.03
	τ_1	1.46	1.45	1.44	1.43	1.41	1.39
	τ_2	-0.90	-0.90	-0.91	-0.91	-0.91	-0.92

145.0	τ_0	-2.73	-2.64	-2.56	-2.49	-2.35	-2.23
	τ_1	1.37	1.36	1.34	1.33	1.31	1.29
	τ_2	-0.82	-0.82	-0.83	-0.83	-0.83	-0.84
150.0	τ_0	-2.90	-2.82	-2.74	-2.66	-2.53	-2.40
	τ_1	1.24	1.22	1.21	1.20	1.18	1.16
	τ_2	-0.75	-0.75	-0.75	-0.76	-0.76	-0.76
155.0	τ_0	-3.05	-2.97	-2.89	-2.81	-2.68	-2.56
	τ_1	1.07	1.06	1.05	1.04	1.02	1.00
	τ_2	-0.69	-0.69	-0.70	-0.70	-0.70	-0.71
160.0	τ_0	-3.18	-3.09	-3.02	-2.94	-2.80	-2.68
	τ_1	0.88	0.87	0.86	0.85	0.83	0.81
	τ_2	-0.65	-0.65	-0.65	-0.65	-0.66	-0.66
165.0	τ_0	-3.27	-3.19	-3.11	-3.03	-2.89	-2.77
	τ_1	0.67	0.66	0.65	0.64	0.63	0.61
	τ_2	-0.62	-0.62	-0.63	-0.63	-0.63	-0.64
170.0	τ_0	-3.33	-3.24	-3.17	-3.09	-2.95	-2.83
	τ_1	0.45	0.44	0.43	0.43	0.41	0.39
	τ_2	-0.62	-0.62	-0.62	-0.62	-0.62	-0.63
175.0	τ_0	-3.35	-3.27	-3.19	-3.11	-2.97	-2.85
	τ_1	0.23	0.22	0.21	0.20	0.18	0.16
	τ_2	-0.63	-0.63	-0.63	-0.63	-0.64	-0.64
180.0	τ_0	-3.34	-3.25	-3.17	-3.10	-2.96	-2.84
	τ_1	0.01	0.01	0.00	0.00	-0.02	-0.05
	τ_2	-0.66	-0.66	-0.66	-0.67	-0.67	-0.67
185.0	τ_0	-3.28	-3.20	-3.12	-3.04	-2.91	-2.78
	τ_1	0.52	0.51	0.50	0.49	0.47	0.45
	τ_2	-0.72	-0.72	-0.72	-0.72	-0.72	-0.73
190.0	τ_0	-3.20	-3.11	-3.04	-2.96	-2.82	-2.70
	τ_1	0.94	0.93	0.92	0.91	0.89	0.87
	τ_2	-0.79	-0.79	-0.79	-0.79	-0.79	-0.80
195.0	τ_0	-3.08	-3.00	-2.92	-2.84	-2.71	-2.58
	τ_1	1.31	1.30	1.29	1.28	1.26	1.25
	τ_2	-0.88	-0.88	-0.88	-0.88	-0.88	-0.89
200.0	τ_0	-2.94	-2.85	-2.77	-2.70	-2.56	-2.44
	τ_1	1.62	1.62	1.61	1.60	1.59	1.57
	τ_2	-0.98	-0.98	-0.98	-0.99	-0.99	-0.99
205.0	τ_0	-2.77	-2.68	-2.60	-2.53	-2.39	-2.27
	τ_1	1.90	1.89	1.88	1.88	1.86	1.85
	τ_2	-1.10	-1.10	-1.10	-1.10	-1.11	-1.11
210.0	τ_0	-2.58	-2.50	-2.42	-2.34	-2.20	-2.08
	τ_1	2.12	2.11	2.11	2.10	2.08	2.07
	τ_2	-1.23	-1.23	-1.23	-1.23	-1.23	-1.24
215.0	τ_0	-2.38	-2.30	-2.22	-2.14	-2.00	-1.88
	τ_1	2.29	2.29	2.28	2.28	2.26	2.25
	τ_2	-1.36	-1.36	-1.36	-1.37	-1.37	-1.37
220.0	τ_0	-2.18	-2.09	-2.01	-1.94	-1.80	-1.68
	τ_1	2.42	2.41	2.40	2.40	2.38	2.37
	τ_2	-1.50	-1.50	-1.50	-1.50	-1.51	-1.51
225.0	τ_0	-1.98	-1.89	-1.81	-1.74	-1.60	-1.47
	τ_1	2.48	2.48	2.47	2.47	2.45	2.44
	τ_2	-1.63	-1.63	-1.64	-1.64	-1.64	-1.64

230.0	τ_0	-1.78	-1.70	-1.62	-1.54	-1.40	-1.28
	τ_1	2.50	2.49	2.49	2.48	2.47	2.46
	τ_2	-1.76	-1.76	-1.76	-1.77	-1.77	-1.77
235.0	τ_0	-1.60	-1.52	-1.44	-1.36	-1.22	-1.10
	τ_1	2.46	2.45	2.45	2.44	2.43	2.42
	τ_2	-1.88	-1.88	-1.88	-1.89	-1.89	-1.89
240.0	τ_0	-1.45	-1.36	-1.28	-1.21	-1.07	-0.94
	τ_1	2.36	2.36	2.35	2.35	2.34	2.33
	τ_2	-1.99	-1.99	-1.99	-1.99	-1.99	-2.00
245.0	τ_0	-1.32	-1.23	-1.15	-1.08	-0.94	-0.82
	τ_1	2.22	2.22	2.21	2.21	2.20	2.19
	τ_2	-2.08	-2.08	-2.08	-2.08	-2.08	-2.09
250.0	τ_0	-1.23	-1.14	-1.06	-0.99	-0.85	-0.72
	τ_1	2.04	2.04	2.03	2.03	2.02	2.02
	τ_2	-2.14	-2.14	-2.15	-2.15	-2.15	-2.15
255.0	τ_0	-1.17	-1.08	-1.01	-0.93	-0.79	-0.67
	τ_1	1.82	1.82	1.81	1.81	1.80	1.79
	τ_2	-2.19	-2.19	-2.19	-2.19	-2.20	-2.20
260.0	τ_0	-1.15	-1.07	-0.99	-0.91	-0.78	-0.65
	τ_1	1.56	1.56	1.56	1.55	1.55	1.54
	τ_2	-2.21	-2.21	-2.21	-2.21	-2.22	-2.22
265.0	τ_0	-1.18	-1.10	-1.02	-0.94	-0.80	-0.68
	τ_1	1.29	1.29	1.28	1.28	1.28	1.27
	τ_2	-2.21	-2.21	-2.21	-2.21	-2.21	-2.21
270.0	τ_0	-1.26	-1.17	-1.09	-1.02	-0.88	-0.76
	τ_1	1.00	1.00	0.99	0.99	0.98	0.98
	τ_2	-2.17	-2.18	-2.18	-2.18	-2.18	-2.18
275.0	τ_0	-1.37	-1.29	-1.21	-1.13	-1.00	-0.87
	τ_1	0.70	0.70	0.70	0.70	0.69	0.69
	τ_2	-2.12	-2.12	-2.12	-2.12	-2.12	-2.13

Ellipticity - SKKSdf

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
200.0	τ_0	-2.92	-2.84	-2.77	-2.69	-2.55	-2.43
	τ_1	1.59	1.58	1.57	1.58	1.56	1.56
	τ_2	-1.08	-1.08	-1.08	-1.08	-1.08	-1.09
205.0	τ_0	-2.76	-2.68	-2.60	-2.52	-2.39	-2.27
	τ_1	1.88	1.87	1.87	1.87	1.86	1.85
	τ_2	-1.18	-1.18	-1.19	-1.19	-1.19	-1.19
210.0	τ_0	-2.58	-2.49	-2.41	-2.34	-2.20	-2.08
	τ_1	2.12	2.12	2.12	2.11	2.11	2.10
	τ_2	-1.30	-1.30	-1.30	-1.30	-1.30	-1.30
215.0	τ_0	-2.38	-2.30	-2.22	-2.14	-2.01	-1.89
	τ_1	2.32	2.32	2.31	2.31	2.30	2.29
	τ_2	-1.42	-1.42	-1.42	-1.42	-1.43	-1.43
220.0	τ_0	-2.18	-2.09	-2.02	-1.94	-1.80	-1.68
	τ_1	2.46	2.46	2.45	2.45	2.44	2.43
	τ_2	-1.55	-1.55	-1.55	-1.55	-1.55	-1.55
225.0	τ_0	-1.98	-1.89	-1.81	-1.74	-1.60	-1.48
	τ_1	2.54	2.54	2.54	2.53	2.53	2.52
	τ_2	-1.67	-1.67	-1.68	-1.68	-1.68	-1.68
230.0	τ_0	-1.78	-1.70	-1.62	-1.54	-1.41	-1.29
	τ_1	2.57	2.56	2.56	2.56	2.55	2.54
	τ_2	-1.79	-1.80	-1.80	-1.80	-1.80	-1.80
235.0	τ_0	-1.60	-1.52	-1.44	-1.37	-1.23	-1.11
	τ_1	2.52	2.52	2.52	2.51	2.51	2.50
	τ_2	-1.91	-1.91	-1.91	-1.91	-1.91	-1.91
240.0	τ_0	-1.45	-1.36	-1.29	-1.21	-1.07	-0.95
	τ_1	2.42	2.42	2.42	2.41	2.41	2.40
	τ_2	-2.01	-2.01	-2.01	-2.01	-2.01	-2.01
245.0	τ_0	-1.32	-1.24	-1.16	-1.08	-0.94	-0.82
	τ_1	2.27	2.27	2.27	2.26	2.26	2.25
	τ_2	-2.09	-2.09	-2.09	-2.09	-2.09	-2.09
250.0	τ_0	-1.23	-1.14	-1.06	-0.99	-0.85	-0.73
	τ_1	2.08	2.08	2.07	2.07	2.06	2.06
	τ_2	-2.15	-2.15	-2.15	-2.15	-2.16	-2.16
255.0	τ_0	-1.17	-1.08	-1.01	-0.93	-0.79	-0.67
	τ_1	1.85	1.85	1.84	1.84	1.84	1.83
	τ_2	-2.19	-2.19	-2.19	-2.20	-2.20	-2.20
260.0	τ_0	-1.15	-1.07	-0.99	-0.92	-0.78	-0.66
	τ_1	1.59	1.59	1.58	1.58	1.58	1.57
	τ_2	-2.21	-2.21	-2.21	-2.21	-2.21	-2.22
265.0	τ_0	-1.18	-1.10	-1.02	-0.94	-0.80	-0.68
	τ_1	1.31	1.31	1.30	1.30	1.30	1.29
	τ_2	-2.20	-2.20	-2.20	-2.21	-2.21	-2.21
270.0	τ_0	-1.25	-1.17	-1.09	-1.01	-0.88	-0.75
	τ_1	1.02	1.01	1.01	1.01	1.01	1.00
	τ_2	-2.17	-2.17	-2.17	-2.17	-2.17	-2.18
275.0	τ_0	-1.37	-1.28	-1.21	-1.13	-0.99	-0.87
	τ_1	0.72	0.72	0.71	0.71	0.71	0.71
	τ_2	-2.11	-2.11	-2.11	-2.11	-2.12	-2.12

280.0	τ_0	-1.53	-1.44	-1.36	-1.29	-1.15	-1.03
	τ_1	0.42	0.42	0.42	0.42	0.41	0.41
	τ_2	-2.03	-2.03	-2.03	-2.03	-2.03	-2.03
285.0	τ_0	-1.72	-1.64	-1.56	-1.48	-1.35	-1.23
	τ_1	0.14	0.14	0.14	0.14	0.13	0.13
	τ_2	-1.92	-1.92	-1.92	-1.92	-1.93	-1.93
290.0	τ_0	-1.95	-1.87	-1.79	-1.72	-1.58	-1.46
	τ_1	-0.12	-0.12	-0.12	-0.13	-0.13	-0.13
	τ_2	-1.80	-1.80	-1.80	-1.80	-1.80	-1.80
295.0	τ_0	-2.22	-2.13	-2.05	-1.98	-1.84	-1.72
	τ_1	-0.36	-0.36	-0.36	-0.36	-0.36	-0.37
	τ_2	-1.65	-1.65	-1.65	-1.65	-1.65	-1.65
300.0	τ_0	-2.50	-2.42	-2.34	-2.26	-2.13	-2.01
	τ_1	-0.56	-0.56	-0.56	-0.57	-0.57	-0.57
	τ_2	-1.49	-1.49	-1.49	-1.49	-1.49	-1.50
305.0	τ_0	-2.80	-2.72	-2.64	-2.57	-2.43	-2.31
	τ_1	-0.73	-0.73	-0.73	-0.73	-0.73	-0.73
	τ_2	-1.32	-1.32	-1.32	-1.32	-1.32	-1.33
310.0	τ_0	-3.12	-3.03	-2.95	-2.88	-2.74	-2.62
	τ_1	-0.85	-0.85	-0.86	-0.86	-0.86	-0.86
	τ_2	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15
315.0	τ_0	-3.43	-3.34	-3.26	-3.19	-3.05	-2.93
	τ_1	-0.93	-0.93	-0.94	-0.94	-0.94	-0.94
	τ_2	-0.97	-0.97	-0.97	-0.97	-0.97	-0.98
320.0	τ_0	-3.73	-3.65	-3.57	-3.50	-3.36	-3.24
	τ_1	-0.97	-0.97	-0.97	-0.97	-0.97	-0.98
	τ_2	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80
325.0	τ_0	-4.03	-3.95	-3.87	-3.79	-3.66	-3.54
	τ_1	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97
	τ_2	-0.63	-0.63	-0.63	-0.63	-0.63	-0.63
330.0	τ_0	-4.30	-4.22	-4.14	-4.07	-3.93	-3.81
	τ_1	-0.92	-0.92	-0.92	-0.92	-0.92	-0.92
	τ_2	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48
335.0	τ_0	-4.55	-4.46	-4.38	-4.31	-4.17	-4.06
	τ_1	-0.83	-0.83	-0.83	-0.83	-0.83	-0.83
	τ_2	-0.34	-0.34	-0.34	-0.34	-0.34	-0.34
340.0	τ_0	-4.75	-4.67	-4.59	-4.52	-4.38	-4.26
	τ_1	-0.71	-0.71	-0.71	-0.71	-0.71	-0.71
	τ_2	-0.22	-0.22	-0.22	-0.22	-0.22	-0.22
345.0	τ_0	-4.92	-4.84	-4.76	-4.69	-4.55	-4.43
	τ_1	-0.56	-0.56	-0.56	-0.56	-0.56	-0.56
	τ_2	-0.13	-0.13	-0.13	-0.13	-0.13	-0.13
350.0	τ_0	-5.05	-4.96	-4.89	-4.81	-4.68	-4.56
	τ_1	-0.38	-0.38	-0.38	-0.39	-0.39	-0.39
	τ_2	-0.06	-0.06	-0.06	-0.06	-0.06	-0.06
355.0	τ_0	-5.12	-5.04	-4.96	-4.89	-4.75	-4.63
	τ_1	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20
	τ_2	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
360.0	τ_0	-5.15	-5.06	-4.99	-4.91	-4.78	-4.66
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - SS

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
40.0	τ_0	-1.70	-1.64	-1.59	-1.55	-1.54	-1.53
	τ_1	-1.05	-1.11	-1.17	-1.23	-1.34	-1.41
	τ_2	-0.42	-0.43	-0.43	-0.43	-0.48	-0.47
45.0	τ_0	-1.72	-1.71	-1.66	-1.61	-1.52	-1.48
	τ_1	-1.21	-1.30	-1.34	-1.39	-1.47	-1.55
	τ_2	-0.55	-0.59	-0.60	-0.60	-0.60	-0.59
50.0	τ_0	-1.74	-1.67	-1.61	-1.56	-1.47	-1.43
	τ_1	-1.37	-1.41	-1.45	-1.50	-1.59	-1.66
	τ_2	-0.72	-0.73	-0.73	-0.73	-0.73	-0.72
55.0	τ_0	-1.68	-1.61	-1.55	-1.49	-1.41	-1.37
	τ_1	-1.46	-1.51	-1.55	-1.59	-1.68	-1.76
	τ_2	-0.86	-0.86	-0.86	-0.86	-0.86	-0.85
60.0	τ_0	-1.60	-1.53	-1.47	-1.42	-1.33	-1.29
	τ_1	-1.54	-1.58	-1.62	-1.66	-1.75	-1.83
	τ_2	-1.00	-1.00	-1.00	-1.00	-1.00	-0.99
65.0	τ_0	-1.52	-1.45	-1.39	-1.33	-1.24	-1.20
	τ_1	-1.58	-1.63	-1.67	-1.71	-1.80	-1.88
	τ_2	-1.15	-1.15	-1.15	-1.15	-1.15	-1.14
70.0	τ_0	-1.43	-1.36	-1.30	-1.24	-1.15	-1.10
	τ_1	-1.61	-1.65	-1.69	-1.73	-1.82	-1.90
	τ_2	-1.30	-1.30	-1.30	-1.30	-1.30	-1.30
75.0	τ_0	-1.33	-1.26	-1.20	-1.15	-1.06	-1.01
	τ_1	-1.60	-1.64	-1.69	-1.73	-1.81	-1.89
	τ_2	-1.45	-1.45	-1.45	-1.45	-1.45	-1.44
80.0	τ_0	-1.24	-1.17	-1.11	-1.06	-0.96	-0.91
	τ_1	-1.57	-1.61	-1.65	-1.69	-1.78	-1.86
	τ_2	-1.60	-1.60	-1.60	-1.60	-1.60	-1.60
85.0	τ_0	-1.16	-1.09	-1.03	-0.97	-0.88	-0.83
	τ_1	-1.51	-1.55	-1.59	-1.63	-1.72	-1.79
	τ_2	-1.75	-1.75	-1.75	-1.75	-1.75	-1.74
90.0	τ_0	-1.09	-1.02	-0.96	-0.90	-0.81	-0.75
	τ_1	-1.43	-1.47	-1.51	-1.55	-1.63	-1.71
	τ_2	-1.88	-1.88	-1.89	-1.89	-1.88	-1.88
95.0	τ_0	-1.03	-0.96	-0.90	-0.84	-0.74	-0.69
	τ_1	-1.33	-1.37	-1.40	-1.45	-1.53	-1.61
	τ_2	-2.01	-2.02	-2.02	-2.02	-2.01	-2.01
100.0	τ_0	-0.99	-0.91	-0.85	-0.79	-0.70	-0.64
	τ_1	-1.21	-1.25	-1.29	-1.33	-1.40	-1.49
	τ_2	-2.13	-2.13	-2.13	-2.13	-2.13	-2.12
105.0	τ_0	-0.96	-0.89	-0.83	-0.77	-0.67	-0.61
	τ_1	-1.07	-1.11	-1.15	-1.19	-1.27	-1.35
	τ_2	-2.24	-2.24	-2.24	-2.24	-2.24	-2.23
110.0	τ_0	-0.95	-0.88	-0.82	-0.76	-0.66	-0.60
	τ_1	-0.93	-0.97	-1.01	-1.05	-1.13	-1.22
	τ_2	-2.33	-2.33	-2.33	-2.33	-2.33	-2.32
115.0	τ_0	-0.97	-0.89	-0.83	-0.77	-0.67	-0.60
	τ_1	-0.79	-0.83	-0.87	-0.91	-0.99	-1.07
	τ_2	-2.41	-2.41	-2.41	-2.41	-2.41	-2.41

120.0	τ_0	-1.00	-0.92	-0.86	-0.80	-0.70	-0.63
	τ_1	-0.65	-0.69	-0.73	-0.77	-0.85	-0.94
	τ_2	-2.48	-2.48	-2.48	-2.48	-2.48	-2.47
125.0	τ_0	-1.05	-0.97	-0.91	-0.84	-0.74	-0.67
	τ_1	-0.52	-0.56	-0.60	-0.64	-0.72	-0.80
	τ_2	-2.54	-2.54	-2.54	-2.54	-2.54	-2.53
130.0	τ_0	-1.11	-1.03	-0.97	-0.90	-0.80	-0.72
	τ_1	-0.40	-0.44	-0.48	-0.52	-0.60	-0.69
	τ_2	-2.59	-2.59	-2.59	-2.59	-2.59	-2.58
135.0	τ_0	-1.18	-1.10	-1.04	-0.97	-0.87	-0.79
	τ_1	-0.29	-0.33	-0.37	-0.41	-0.49	-0.58
	τ_2	-2.63	-2.63	-2.63	-2.63	-2.63	-2.62
140.0	τ_0	-1.26	-1.18	-1.12	-1.05	-0.94	-0.86
	τ_1	-0.20	-0.24	-0.28	-0.31	-0.40	-0.49
	τ_2	-2.66	-2.66	-2.66	-2.66	-2.66	-2.66
145.0	τ_0	-1.35	-1.27	-1.20	-1.13	-1.02	-0.93
	τ_1	-0.12	-0.16	-0.20	-0.24	-0.32	-0.41
	τ_2	-2.69	-2.69	-2.69	-2.69	-2.69	-2.69
150.0	τ_0	-1.43	-1.35	-1.28	-1.21	-1.10	-1.00
	τ_1	-0.07	-0.11	-0.14	-0.18	-0.27	-0.35
	τ_2	-2.71	-2.72	-2.72	-2.72	-2.72	-2.72
155.0	τ_0	-1.51	-1.43	-1.36	-1.29	-1.17	-1.07
	τ_1	-0.03	-0.07	-0.10	-0.14	-0.23	-0.31
	τ_2	-2.74	-2.74	-2.75	-2.75	-2.75	-2.75
160.0	τ_0	-1.58	-1.50	-1.42	-1.36	-1.23	-1.13
	τ_1	-0.01	-0.04	-0.08	-0.12	-0.20	-0.29
	τ_2	-2.77	-2.77	-2.78	-2.78	-2.78	-2.79
165.0	τ_0	-1.64	-1.55	-1.48	-1.41	-1.28	-1.18
	τ_1	0.00	-0.03	-0.07	-0.11	-0.19	-0.27
	τ_2	-2.81	-2.81	-2.81	-2.82	-2.82	-2.83
170.0	τ_0	-1.68	-1.60	-1.52	-1.45	-1.32	-1.21
	τ_1	0.01	-0.03	-0.07	-0.10	-0.18	-0.27
	τ_2	-2.85	-2.85	-2.86	-2.86	-2.87	-2.88
175.0	τ_0	-1.70	-1.62	-1.54	-1.47	-1.33	-1.22
	τ_1	0.00	-0.03	-0.07	-0.10	-0.18	-0.26
	τ_2	-2.90	-2.90	-2.91	-2.91	-2.92	-2.93
180.0	τ_0	-1.71	-1.62	-1.55	-1.47	-1.33	-1.21
	τ_1	0.02	-0.01	-0.05	-0.08	-0.18	-0.26
	τ_2	-2.96	-2.97	-2.97	-2.98	-2.99	-3.00
185.0	τ_0	-1.70	-1.61	-1.53	-1.45	-1.31	-1.19
	τ_1	0.74	0.71	0.68	0.64	0.57	0.51
	τ_2	-3.03	-3.04	-3.04	-3.05	-3.06	-3.07
190.0	τ_0	-1.66	-1.57	-1.49	-1.41	-1.27	-1.14
	τ_1	1.33	1.30	1.27	1.24	1.17	1.09
	τ_2	-3.11	-3.11	-3.12	-3.12	-3.13	-3.15

Ellipticity - S'S'

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
130.0	τ_0	-1.28	-1.21	-1.14	-1.07	-0.95	-0.86
	τ_1	-0.40	-0.42	-0.44	-0.47	-0.52	-0.57
	τ_2	-2.89	-2.89	-2.89	-2.89	-2.88	-2.87
135.0	τ_0	-1.35	-1.27	-1.20	-1.14	-1.02	-0.92
	τ_1	-0.27	-0.30	-0.32	-0.35	-0.40	-0.45
	τ_2	-2.89	-2.89	-2.89	-2.89	-2.88	-2.87
140.0	τ_0	-1.43	-1.35	-1.28	-1.21	-1.09	-0.99
	τ_1	-0.17	-0.20	-0.22	-0.25	-0.30	-0.36
	τ_2	-2.89	-2.89	-2.88	-2.88	-2.88	-2.87
145.0	τ_0	-1.50	-1.42	-1.35	-1.28	-1.15	-1.05
	τ_1	-0.10	-0.12	-0.15	-0.17	-0.23	-0.29
	τ_2	-2.88	-2.88	-2.88	-2.88	-2.88	-2.87
150.0	τ_0	-1.57	-1.49	-1.42	-1.35	-1.22	-1.12
	τ_1	-0.04	-0.07	-0.10	-0.12	-0.18	-0.24
	τ_2	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88
155.0	τ_0	-1.64	-1.56	-1.48	-1.41	-1.28	-1.18
	τ_1	-0.01	-0.04	-0.06	-0.09	-0.14	-0.20
	τ_2	-2.89	-2.89	-2.89	-2.89	-2.89	-2.89
160.0	τ_0	-1.69	-1.61	-1.54	-1.46	-1.34	-1.23
	τ_1	0.01	-0.02	-0.04	-0.07	-0.12	-0.18
	τ_2	-2.90	-2.90	-2.90	-2.90	-2.90	-2.90
165.0	τ_0	-1.74	-1.65	-1.58	-1.50	-1.37	-1.26
	τ_1	0.01	-0.01	-0.04	-0.06	-0.11	-0.17
	τ_2	-2.92	-2.92	-2.92	-2.92	-2.93	-2.93
170.0	τ_0	-1.76	-1.68	-1.60	-1.52	-1.39	-1.27
	τ_1	0.01	-0.01	-0.04	-0.06	-0.11	-0.16
	τ_2	-2.95	-2.95	-2.95	-2.95	-2.96	-2.96
175.0	τ_0	-1.76	-1.68	-1.60	-1.53	-1.39	-1.27
	τ_1	0.00	-0.02	-0.04	-0.06	-0.11	-0.16
	τ_2	-2.98	-2.99	-2.99	-2.99	-2.99	-3.00
180.0	τ_0	-1.75	-1.66	-1.59	-1.51	-1.37	-1.25
	τ_1	0.00	-0.02	-0.04	-0.06	-0.11	-0.15
	τ_2	-3.03	-3.03	-3.03	-3.04	-3.04	-3.05
185.0	τ_0	-1.72	-1.63	-1.55	-1.47	-1.33	-1.21
	τ_1	0.75	0.73	0.71	0.68	0.63	0.58
	τ_2	-3.09	-3.09	-3.09	-3.09	-3.10	-3.10
190.0	τ_0	-1.66	-1.58	-1.50	-1.42	-1.28	-1.15
	τ_1	1.36	1.35	1.34	1.32	1.28	1.23
	τ_2	-3.15	-3.15	-3.15	-3.16	-3.16	-3.17
195.0	τ_0	-1.60	-1.51	-1.43	-1.35	-1.21	-1.08
	τ_1	1.98	1.96	1.94	1.91	1.88	1.84
	τ_2	-3.22	-3.22	-3.22	-3.23	-3.23	-3.24
200.0	τ_0	-1.52	-1.43	-1.35	-1.27	-1.12	-1.00
	τ_1	2.51	2.50	2.48	2.46	2.42	2.37
	τ_2	-3.29	-3.30	-3.30	-3.30	-3.31	-3.32
205.0	τ_0	-1.43	-1.34	-1.26	-1.18	-1.03	-0.90
	τ_1	2.97	2.95	2.94	2.93	2.90	2.86
	τ_2	-3.37	-3.37	-3.38	-3.38	-3.39	-3.40

210.0	τ_0	-1.34	-1.25	-1.17	-1.09	-0.94	-0.81
	τ_1	3.39	3.37	3.36	3.34	3.30	3.26
	τ_2	-3.45	-3.46	-3.46	-3.46	-3.47	-3.48
215.0	τ_0	-1.25	-1.16	-1.08	-1.00	-0.85	-0.72
	τ_1	3.73	3.72	3.70	3.69	3.66	3.63
	τ_2	-3.53	-3.53	-3.54	-3.54	-3.55	-3.56
220.0	τ_0	-1.17	-1.08	-1.00	-0.92	-0.77	-0.63
	τ_1	4.01	4.00	3.98	3.97	3.94	3.91
	τ_2	-3.60	-3.60	-3.61	-3.61	-3.62	-3.63
225.0	τ_0	-1.10	-1.01	-0.93	-0.85	-0.70	-0.56
	τ_1	4.23	4.21	4.20	4.19	4.16	4.14
	τ_2	-3.66	-3.66	-3.67	-3.67	-3.68	-3.69
230.0	τ_0	-1.05	-0.96	-0.88	-0.80	-0.65	-0.51
	τ_1	4.37	4.36	4.35	4.34	4.32	4.29
	τ_2	-3.71	-3.71	-3.72	-3.72	-3.73	-3.74
235.0	τ_0	-1.03	-0.94	-0.86	-0.78	-0.63	-0.49
	τ_1	4.45	4.44	4.43	4.42	4.40	4.38
	τ_2	-3.74	-3.75	-3.75	-3.76	-3.77	-3.78
240.0	τ_0	-1.04	-0.95	-0.87	-0.79	-0.64	-0.50
	τ_1	4.47	4.46	4.45	4.44	4.42	4.40
	τ_2	-3.76	-3.76	-3.77	-3.77	-3.78	-3.79
245.0	τ_0	-1.08	-0.99	-0.91	-0.83	-0.68	-0.54
	τ_1	4.42	4.41	4.40	4.39	4.38	4.36
	τ_2	-3.75	-3.76	-3.76	-3.77	-3.78	-3.79
250.0	τ_0	-1.17	-1.08	-0.99	-0.91	-0.76	-0.63
	τ_1	4.31	4.30	4.29	4.29	4.27	4.26
	τ_2	-3.72	-3.73	-3.73	-3.74	-3.75	-3.76
255.0	τ_0	-1.29	-1.20	-1.12	-1.04	-0.89	-0.75
	τ_1	4.15	4.14	4.13	4.13	4.12	4.10
	τ_2	-3.67	-3.67	-3.68	-3.68	-3.69	-3.70
260.0	τ_0	-1.46	-1.37	-1.29	-1.21	-1.06	-0.93
	τ_1	3.93	3.93	3.92	3.92	3.91	3.90
	τ_2	-3.59	-3.59	-3.59	-3.60	-3.61	-3.62
265.0	τ_0	-1.67	-1.58	-1.50	-1.42	-1.29	-1.16
	τ_1	3.69	3.68	3.68	3.68	3.69	3.69
	τ_2	-3.48	-3.48	-3.49	-3.49	-3.50	-3.51
270.0	τ_0	-1.93	-1.85	-1.77	-1.69	-1.54	-1.42
	τ_1	3.42	3.42	3.41	3.41	3.41	3.40
	τ_2	-3.35	-3.35	-3.35	-3.35	-3.36	-3.37
275.0	τ_0	-2.23	-2.14	-2.06	-1.99	-1.84	-1.71
	τ_1	3.11	3.11	3.10	3.10	3.10	3.10
	τ_2	-3.18	-3.19	-3.19	-3.19	-3.20	-3.20
280.0	τ_0	-2.57	-2.48	-2.40	-2.33	-2.18	-2.06
	τ_1	2.78	2.78	2.78	2.78	2.78	2.77
	τ_2	-3.00	-3.00	-3.00	-3.00	-3.01	-3.01
285.0	τ_0	-2.94	-2.86	-2.78	-2.70	-2.55	-2.43
	τ_1	2.46	2.45	2.45	2.45	2.45	2.45
	τ_2	-2.79	-2.79	-2.80	-2.80	-2.80	-2.81
290.0	τ_0	-3.35	-3.26	-3.18	-3.11	-2.96	-2.84
	τ_1	2.12	2.12	2.12	2.12	2.12	2.12
	τ_2	-2.56	-2.57	-2.57	-2.57	-2.57	-2.58

295.0	τ_0	-3.78	-3.69	-3.61	-3.53	-3.39	-3.27
	τ_1	1.81	1.81	1.81	1.81	1.81	1.81
	τ_2	-2.32	-2.33	-2.33	-2.33	-2.33	-2.34
300.0	τ_0	-4.22	-4.14	-4.06	-3.98	-3.84	-3.71
	τ_1	1.51	1.51	1.51	1.51	1.51	1.51
	τ_2	-2.08	-2.08	-2.08	-2.08	-2.08	-2.09
305.0	τ_0	-4.67	-4.59	-4.51	-4.43	-4.29	-4.17
	τ_1	1.23	1.23	1.23	1.23	1.23	1.23
	τ_2	-1.82	-1.82	-1.82	-1.82	-1.83	-1.83
310.0	τ_0	-5.13	-5.04	-4.97	-4.89	-4.75	-4.63
	τ_1	0.98	0.98	0.98	0.98	0.98	0.98
	τ_2	-1.56	-1.56	-1.57	-1.57	-1.57	-1.57
315.0	τ_0	-5.58	-5.49	-5.41	-5.34	-5.20	-5.08
	τ_1	0.75	0.75	0.75	0.75	0.75	0.76
	τ_2	-1.31	-1.31	-1.31	-1.31	-1.32	-1.32
320.0	τ_0	-6.00	-5.92	-5.84	-5.76	-5.62	-5.50
	τ_1	0.56	0.56	0.56	0.56	0.57	0.57
	τ_2	-1.07	-1.07	-1.07	-1.07	-1.08	-1.08
325.0	τ_0	-6.40	-6.32	-6.24	-6.17	-6.03	-5.91
	τ_1	0.40	0.40	0.40	0.41	0.41	0.41
	τ_2	-0.84	-0.84	-0.84	-0.84	-0.85	-0.85
330.0	τ_0	-6.77	-6.69	-6.61	-6.54	-6.40	-6.28
	τ_1	0.28	0.28	0.28	0.28	0.28	0.28
	τ_2	-0.63	-0.63	-0.63	-0.63	-0.64	-0.64
335.0	τ_0	-7.10	-7.01	-6.93	-6.86	-6.72	-6.60
	τ_1	0.18	0.18	0.18	0.18	0.18	0.18
	τ_2	-0.45	-0.45	-0.45	-0.45	-0.45	-0.45
340.0	τ_0	-7.37	-7.29	-7.21	-7.14	-7.00	-6.88
	τ_1	0.11	0.11	0.11	0.11	0.11	0.11
	τ_2	-0.29	-0.29	-0.29	-0.29	-0.29	-0.29
345.0	τ_0	-7.60	-7.51	-7.43	-7.36	-7.22	-7.11
	τ_1	0.06	0.06	0.06	0.06	0.06	0.06
	τ_2	-0.17	-0.17	-0.17	-0.17	-0.17	-0.17
350.0	τ_0	-7.76	-7.67	-7.60	-7.52	-7.39	-7.27
	τ_1	0.03	0.03	0.03	0.03	0.03	0.03
	τ_2	-0.07	-0.07	-0.07	-0.07	-0.08	-0.08
355.0	τ_0	-7.86	-7.77	-7.69	-7.62	-7.48	-7.37
	τ_1	0.01	0.01	0.01	0.01	0.01	0.01
	τ_2	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02
360.0	τ_0	-7.89	-7.80	-7.73	-7.65	-7.52	-7.40
	τ_1	0.00	0.00	0.00	0.00	0.00	0.00
	τ_2	0.00	0.00	0.00	0.00	0.00	0.00

Ellipticity - SP

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
55.0	τ_0	-1.10	-1.02	-0.96	-0.90	-0.79	-0.73
	τ_1	-0.83	-0.88	-0.93	-0.99	-1.10	-1.23
	τ_2	-0.82	-0.82	-0.83	-0.83	-0.83	-0.82
60.0	τ_0	-1.08	-1.01	-0.94	-0.88	-0.78	-0.71
	τ_1	-0.93	-0.98	-1.04	-1.09	-1.21	-1.33
	τ_2	-0.92	-0.92	-0.92	-0.92	-0.93	-0.92
65.0	τ_0	-1.05	-0.97	-0.91	-0.85	-0.74	-0.62
	τ_1	-1.02	-1.07	-1.12	-1.17	-1.28	-1.33
	τ_2	-1.03	-1.03	-1.03	-1.03	-1.03	-1.06
70.0	τ_0	-0.97	-0.89	-0.82	-0.75	-0.63	-0.53
	τ_1	-1.01	-1.05	-1.09	-1.13	-1.21	-1.30
	τ_2	-1.16	-1.17	-1.17	-1.18	-1.19	-1.20
75.0	τ_0	-0.89	-0.80	-0.73	-0.65	-0.53	-0.42
	τ_1	-0.97	-1.00	-1.03	-1.07	-1.14	-1.22
	τ_2	-1.30	-1.31	-1.32	-1.32	-1.34	-1.35
80.0	τ_0	-0.79	-0.71	-0.63	-0.56	-0.43	-0.33
	τ_1	-0.87	-0.90	-0.93	-0.97	-1.04	-1.12
	τ_2	-1.44	-1.45	-1.46	-1.46	-1.48	-1.49
85.0	τ_0	-0.71	-0.63	-0.55	-0.48	-0.35	-0.24
	τ_1	-0.75	-0.78	-0.82	-0.85	-0.92	-0.99
	τ_2	-1.58	-1.58	-1.59	-1.59	-1.61	-1.62
90.0	τ_0	-0.64	-0.56	-0.45	-0.38	-0.24	-0.13
	τ_1	-0.60	-0.64	-0.44	-0.48	-0.57	-0.66
	τ_2	-1.70	-1.70	-1.74	-1.74	-1.76	-1.77
95.0	τ_0	-0.58	-0.49	-0.42	-0.34	-0.20	-0.09
	τ_1	-0.28	-0.31	-0.35	-0.39	-0.46	-0.53
	τ_2	-1.82	-1.83	-1.83	-1.84	-1.85	-1.87
100.0	τ_0	-0.55	-0.47	-0.39	-0.31	-0.17	-0.05
	τ_1	-0.14	-0.17	-0.20	-0.23	-0.30	-0.37
	τ_2	-1.91	-1.91	-1.92	-1.93	-1.94	-1.96
105.0	τ_0	-0.54	-0.46	-0.38	-0.30	-0.16	-0.04
	τ_1	0.04	0.01	-0.02	-0.05	-0.11	-0.17
	τ_2	-1.99	-1.99	-2.00	-2.00	-2.02	-2.03
110.0	τ_0	-0.56	-0.54	-0.45	-0.37	-0.22	-0.09
	τ_1	0.24	0.58	0.54	0.51	0.43	0.35
	τ_2	-2.05	-2.04	-2.04	-2.05	-2.07	-2.09
115.0	τ_0	-0.65	-0.56	-0.48	-0.40	-0.25	-0.11
	τ_1	0.70	0.67	0.64	0.61	0.54	0.47
	τ_2	-2.07	-2.08	-2.09	-2.09	-2.11	-2.13
120.0	τ_0	-0.70	-0.61	-0.52	-0.44	-0.29	-0.16
	τ_1	0.83	0.80	0.78	0.75	0.69	0.61
	τ_2	-2.10	-2.11	-2.12	-2.13	-2.14	-2.16
125.0	τ_0	-0.75	-0.66	-0.58	-0.50	-0.35	-0.22
	τ_1	0.95	0.92	0.89	0.86	0.79	0.75
	τ_2	-2.13	-2.14	-2.14	-2.15	-2.17	-2.18
130.0	τ_0	-0.85	-0.76	-0.67	-0.59	-0.44	-0.31
	τ_1	1.11	1.09	1.06	1.03	0.98	0.93
	τ_2	-2.13	-2.14	-2.14	-2.15	-2.16	-2.18

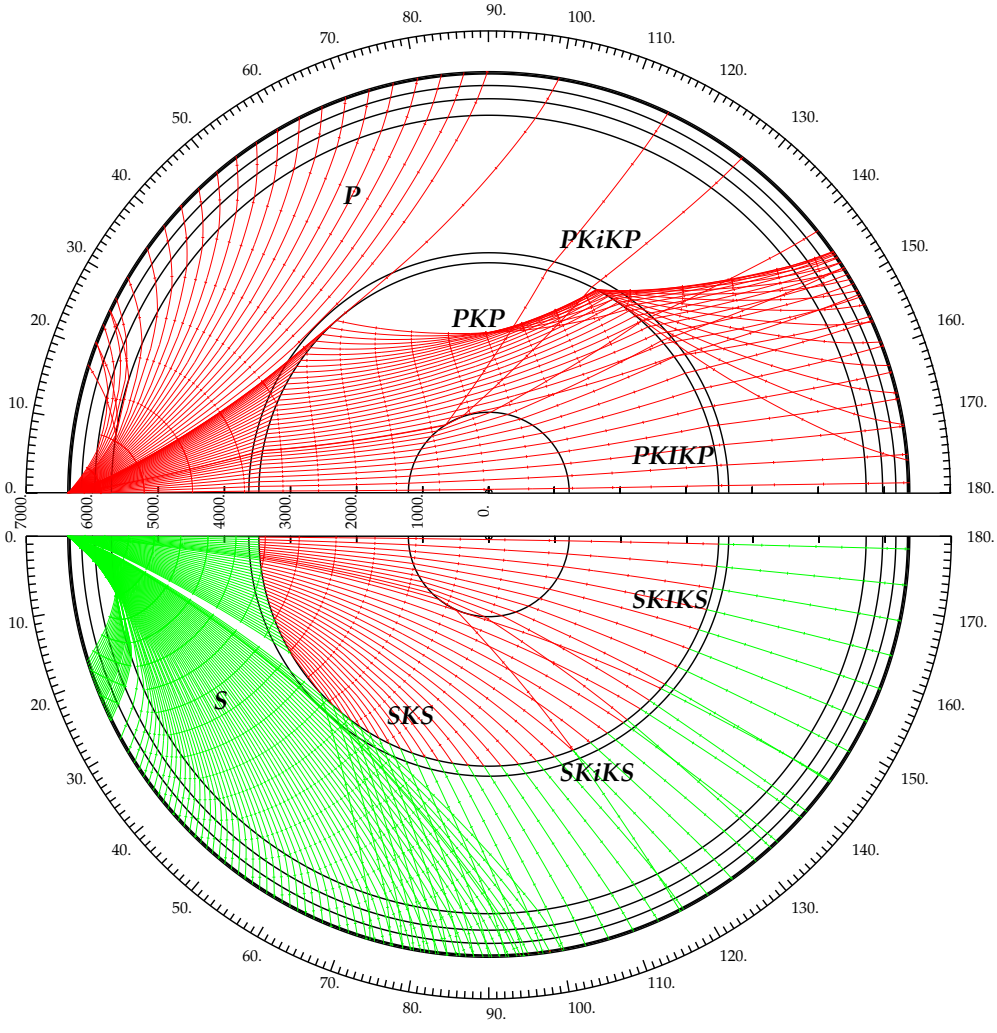
135.0	τ_0	-0.95	-0.86	-0.78	-0.70	-0.55	-0.41
	τ_1	1.26	1.24	1.22	1.19	1.14	1.09
	τ_2	-2.12	-2.13	-2.13	-2.14	-2.16	-2.17

Ellipticity - PS

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
90.0	τ_0	-1.19	-1.15	-1.12	-1.10	0.00	0.00
	τ_1	-0.35	-0.38	-0.41	-0.43	0.00	0.00
	τ_2	-1.40	-1.40	-1.40	-1.40	0.00	0.00
95.0	τ_0	-1.24	-1.20	-1.18	-1.16	-1.15	0.00
	τ_1	-0.35	-0.36	-0.38	-0.38	-0.32	0.00
	τ_2	-1.44	-1.44	-1.44	-1.44	-1.44	0.00
100.0	τ_0	-1.31	-1.28	-1.25	-1.24	-1.23	0.00
	τ_1	-0.29	-0.30	-0.31	-0.31	-0.26	0.00
	τ_2	-1.47	-1.47	-1.47	-1.47	-1.46	0.00
105.0	τ_0	-1.41	-1.38	-1.35	-1.34	-1.43	-1.41
	τ_1	-0.22	-0.23	-0.24	-0.24	0.11	0.11
	τ_2	-1.49	-1.49	-1.48	-1.48	-1.43	-1.43
110.0	τ_0	-1.52	-1.64	-1.61	-1.58	-1.54	-1.53
	τ_1	-0.17	0.14	0.11	0.09	0.05	0.06
	τ_2	-1.49	-1.42	-1.42	-1.42	-1.42	-1.41
115.0	τ_0	-1.79	-1.75	-1.72	-1.69	-1.66	-1.65
	τ_1	0.09	0.07	0.05	0.03	0.01	0.00
	τ_2	-1.42	-1.42	-1.42	-1.42	-1.41	-1.40
120.0	τ_0	-1.90	-1.87	-1.84	-1.82	-1.77	-1.78
	τ_1	0.03	0.01	0.00	-0.02	-0.06	-0.05
	τ_2	-1.41	-1.41	-1.41	-1.40	-1.40	-1.38
125.0	τ_0	-2.00	-1.96	-1.93	-1.91	-1.90	-1.91
	τ_1	-0.06	-0.08	-0.10	-0.11	-0.12	-0.10
	τ_2	-1.41	-1.41	-1.41	-1.40	-1.38	-1.35
130.0	τ_0	-2.13	-2.10	-2.07	-2.05	-2.03	-2.05
	τ_1	-0.14	-0.15	-0.16	-0.17	-0.20	-0.20
	τ_2	-1.39	-1.38	-1.38	-1.37	-1.36	-1.33
135.0	τ_0	-2.25	-2.22	-2.20	-2.18	-2.16	0.00
	τ_1	-0.24	-0.25	-0.27	-0.28	-0.31	0.00
	τ_2	-1.37	-1.37	-1.36	-1.36	-1.34	0.00

Ellipticity - PnS

Δ		Depth of source [km] 0.	100.	200.	300.	500.	700.
65.0	τ_0	-1.16	-1.13	-1.11	-1.08	-1.08	-1.08
	τ_1	-0.96	-0.98	-1.00	-1.02	-1.02	-1.02
	τ_2	-0.96	-0.97	-0.98	-0.99	-0.99	-0.99
70.0	τ_0	-1.14	-1.10	-1.07	-1.04	-1.04	-1.04
	τ_1	-0.94	-0.93	-0.89	-0.85	-0.85	-0.85
	τ_2	-1.07	-1.08	-1.09	-1.11	-1.11	-1.11
75.0	τ_0	-1.12	-1.08	-1.06	-1.03	-1.12	-1.12
	τ_1	-0.90	-0.88	-0.85	-0.78	-0.64	-0.64
	τ_2	-1.17	-1.18	-1.19	-1.20	-1.24	-1.24
80.0	τ_0	-1.11	-1.08	-1.06	-1.04	-1.00	-1.00
	τ_1	-0.80	-0.80	-0.78	-0.75	-0.68	-0.68
	τ_2	-1.26	-1.27	-1.27	-1.28	-1.29	-1.29
85.0	τ_0	-1.12	-1.09	-1.07	-1.05	-1.02	-1.02
	τ_1	-0.71	-0.71	-0.70	-0.67	-0.63	-0.63
	τ_2	-1.34	-1.34	-1.35	-1.35	-1.36	-1.36
90.0	τ_0	-1.15	-1.12	-1.10	-1.01	-1.01	-1.01
	τ_1	-0.60	-0.61	-0.60	-0.59	-0.59	-0.59
	τ_2	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41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