

THE ZENITHAL AND AZIMUTHAL DIRECTIONAL DIAGRAMS FOR MUON
TELESCOPES OF THE YAKUTSK COSMIC RAYS SPECTROGRAPH.

MT00 (VERTICAL)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.326	.463	.655	.723	.502	.211	.072	.009	
10	.000	.317	.451	.639	.705	.489	.206	.070	.009	
20	.000	.317	.451	.639	.705	.489	.206	.070	.009	
30	.000	.324	.460	.651	.719	.498	.210	.072	.009	
40	.000	.334	.475	.672	.743	.515	.216	.074	.010	
50	.000	.343	.489	.692	.764	.531	.222	.077	.010	
60	.000	.345	.491	.695	.767	.533	.223	.077	.010	
70	.000	.337	.480	.679	.750	.520	.219	.075	.010	
80	.000	.366	.520	.736	.813	.565	.237	.082	.011	
90	.000	.450	.640	.906	1.000	.694	.292	.100	.013	
100	.000	.366	.520	.736	.813	.565	.237	.082	.011	
110	.000	.337	.480	.679	.750	.520	.219	.075	.010	
120	.000	.345	.491	.695	.767	.533	.223	.077	.010	
130	.000	.343	.489	.692	.764	.531	.222	.077	.010	
140	.000	.334	.475	.672	.743	.515	.216	.074	.010	
150	.000	.324	.460	.651	.719	.498	.210	.072	.009	
160	.000	.317	.451	.639	.705	.489	.206	.070	.009	
170	.000	.317	.451	.639	.705	.489	.206	.070	.009	
180	.000	.326	.463	.655	.723	.502	.211	.072	.009	
190	.000	.317	.451	.639	.705	.489	.206	.070	.009	
200	.000	.317	.451	.639	.705	.489	.206	.070	.009	
210	.000	.324	.460	.651	.719	.498	.210	.072	.009	
220	.000	.334	.475	.672	.743	.515	.216	.074	.010	
230	.000	.343	.489	.692	.764	.531	.222	.077	.010	
240	.000	.345	.491	.695	.767	.533	.223	.077	.010	
250	.000	.337	.480	.679	.750	.520	.219	.075	.010	
260	.000	.366	.520	.736	.813	.565	.237	.082	.011	
270	.000	.450	.640	.906	1.000	.694	.292	.100	.013	
280	.000	.366	.520	.736	.813	.565	.237	.082	.011	
290	.000	.337	.480	.679	.750	.520	.219	.075	.010	
300	.000	.345	.491	.695	.767	.533	.223	.077	.010	
310	.000	.343	.489	.692	.764	.531	.222	.077	.010	
320	.000	.334	.475	.672	.743	.515	.216	.074	.010	
330	.000	.324	.460	.651	.719	.498	.210	.072	.009	
340	.000	.317	.451	.639	.705	.489	.206	.070	.009	
350	.000	.317	.451	.639	.705	.489	.206	.070	.009	

MT00 (N_30°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.114	.416	.817	1.000	.708	.289	.099	.013	
10	.000	.111	.405	.795	.972	.689	.281	.096	.013	
20	.000	.110	.402	.788	.965	.684	.279	.096	.013	
30	.000	.111	.405	.795	.972	.689	.281	.096	.013	
40	.000	.112	.408	.802	.981	.695	.284	.097	.013	
50	.000	.110	.403	.790	.967	.685	.280	.096	.013	
60	.000	.101	.368	.722	.884	.626	.255	.087	.011	
70	.000	.076	.279	.546	.669	.474	.193	.066	.009	
80	.000	.039	.139	.274	.335	.237	.097	.033	.004	
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	
100	.000	.000	.000	.000	.000	.000	.000	.000	.000	
110	.000	.000	.000	.000	.000	.000	.000	.000	.000	
120	.000	.000	.000	.000	.000	.000	.000	.000	.000	
130	.000	.000	.000	.000	.000	.000	.000	.000	.000	
140	.000	.000	.000	.000	.000	.000	.000	.000	.000	
150	.000	.000	.000	.000	.000	.000	.000	.000	.000	
160	.000	.000	.000	.000	.000	.000	.000	.000	.000	
170	.000	.000	.000	.000	.000	.000	.000	.000	.000	
180	.000	.000	.000	.000	.000	.000	.000	.000	.000	
190	.000	.000	.000	.000	.000	.000	.000	.000	.000	
200	.000	.000	.000	.000	.000	.000	.000	.000	.000	
210	.000	.000	.000	.000	.000	.000	.000	.000	.000	
220	.000	.000	.000	.000	.000	.000	.000	.000	.000	
230	.000	.000	.000	.000	.000	.000	.000	.000	.000	
240	.000	.000	.000	.000	.000	.000	.000	.000	.000	
250	.000	.000	.000	.000	.000	.000	.000	.000	.000	
260	.000	.000	.000	.000	.000	.000	.000	.000	.000	
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	
280	.000	.039	.139	.274	.335	.237	.097	.033	.004	
290	.000	.076	.279	.546	.669	.474	.193	.066	.009	
300	.000	.101	.368	.722	.884	.626	.255	.087	.011	
310	.000	.110	.403	.790	.967	.685	.280	.096	.013	
320	.000	.112	.408	.802	.981	.695	.284	.097	.013	
330	.000	.111	.405	.795	.972	.689	.281	.096	.013	
340	.000	.110	.402	.788	.965	.684	.279	.096	.013	
350	.000	.111	.405	.795	.972	.689	.281	.096	.013	

MT00 (S_30°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
40	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
50	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
60	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
70	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
80	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
100	.000	.039	.139	.274	.335	.237	.097	.033	.004	.004
110	.000	.076	.279	.546	.669	.474	.193	.066	.009	.009
120	.000	.101	.368	.722	.884	.626	.255	.087	.011	.011
130	.000	.110	.403	.790	.967	.685	.280	.096	.013	.013
140	.000	.112	.408	.802	.981	.695	.284	.097	.013	.013
150	.000	.111	.405	.795	.972	.689	.281	.096	.013	.013
160	.000	.110	.402	.788	.965	.684	.279	.096	.013	.013
170	.000	.111	.405	.795	.972	.689	.281	.096	.013	.013
180	.000	.114	.416	.817	1.000	.708	.289	.099	.013	.013
190	.000	.111	.405	.795	.972	.689	.281	.096	.013	.013
200	.000	.110	.402	.788	.965	.684	.279	.096	.013	.013
210	.000	.111	.405	.795	.972	.689	.281	.096	.013	.013
220	.000	.112	.408	.802	.981	.695	.284	.097	.013	.013
230	.000	.110	.403	.790	.967	.685	.280	.096	.013	.013
240	.000	.101	.368	.722	.884	.626	.255	.087	.011	.011
250	.000	.076	.279	.546	.669	.474	.193	.066	.009	.009
260	.000	.039	.139	.274	.335	.237	.097	.033	.004	.004
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
280	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
290	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
300	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
310	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
320	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
330	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
340	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
350	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

MT00 (N_60°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.000	.000	.000	.000	.000	.000	.000	1.000	.270
10	.000	.000	.000	.000	.000	.000	.000	.000	.865	.233
20	.000	.000	.000	.000	.000	.000	.000	.000	.691	.187
30	.000	.000	.000	.000	.000	.000	.000	.000	.493	.133
40	.000	.000	.000	.000	.000	.000	.000	.000	.286	.078
50	.000	.000	.000	.000	.000	.000	.000	.000	.102	.027
60	.000	.000	.000	.000	.000	.000	.000	.000	.006	.002
70	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
80	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
100	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
110	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
120	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
130	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
140	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
150	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
160	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
170	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
180	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
190	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
200	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
210	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
220	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
230	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
240	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
260	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
280	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
290	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
300	.000	.000	.000	.000	.000	.000	.000	.000	.006	.002
310	.000	.000	.000	.000	.000	.000	.000	.000	.102	.027
320	.000	.000	.000	.000	.000	.000	.000	.000	.286	.078
330	.000	.000	.000	.000	.000	.000	.000	.000	.493	.133
340	.000	.000	.000	.000	.000	.000	.000	.000	.691	.187
350	.000	.000	.000	.000	.000	.000	.000	.000	.865	.233

MT00 (S_60°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
40	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
50	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
60	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
70	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
80	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
100	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
110	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
120	.000	.000	.000	.000	.000	.000	.000	.000	.006	.002
130	.000	.000	.000	.000	.000	.000	.000	.000	.102	.027
140	.000	.000	.000	.000	.000	.000	.000	.000	.286	.078
150	.000	.000	.000	.000	.000	.000	.000	.000	.493	.133
160	.000	.000	.000	.000	.000	.000	.000	.000	.691	.187
170	.000	.000	.000	.000	.000	.000	.000	.000	.865	.233
180	.000	.000	.000	.000	.000	.000	.000	.000	1.000	.270
190	.000	.000	.000	.000	.000	.000	.000	.000	.865	.233
200	.000	.000	.000	.000	.000	.000	.000	.000	.691	.187
210	.000	.000	.000	.000	.000	.000	.000	.000	.493	.133
220	.000	.000	.000	.000	.000	.000	.000	.000	.286	.078
230	.000	.000	.000	.000	.000	.000	.000	.000	.102	.027
240	.000	.000	.000	.000	.000	.000	.000	.000	.006	.002
250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
260	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
280	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
290	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
300	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
310	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
320	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
330	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
340	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
350	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

MT07 (VERTICAL)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.313	.442	.615	.664	.447	.181	.059	.007	
10	.000	.305	.430	.600	.647	.435	.176	.057	.007	
20	.000	.305	.430	.599	.646	.434	.176	.057	.007	
30	.000	.310	.437	.609	.658	.443	.179	.058	.007	
40	.000	.319	.450	.627	.675	.454	.183	.060	.007	
50	.000	.326	.459	.640	.691	.464	.188	.061	.007	
60	.000	.326	.459	.639	.690	.464	.187	.061	.007	
70	.000	.319	.450	.627	.675	.454	.183	.060	.007	
80	.000	.347	.490	.683	.736	.495	.200	.065	.008	
90	.000	.425	.600	.837	.902	.607	.245	.080	.009	
100	.000	.347	.490	.683	.736	.495	.200	.065	.008	
110	.000	.319	.450	.627	.675	.454	.183	.060	.007	
120	.000	.326	.459	.639	.690	.464	.187	.061	.007	
130	.000	.326	.459	.640	.691	.464	.188	.061	.007	
140	.000	.319	.450	.627	.675	.454	.183	.060	.007	
150	.000	.310	.437	.609	.658	.443	.179	.058	.007	
160	.000	.305	.430	.599	.646	.434	.176	.057	.007	
170	.000	.305	.430	.600	.647	.435	.176	.057	.007	
180	.000	.313	.442	.615	.664	.447	.181	.059	.007	
190	.000	.305	.430	.600	.647	.435	.176	.057	.007	
200	.000	.305	.430	.599	.646	.434	.176	.057	.007	
210	.000	.310	.437	.609	.658	.443	.179	.058	.007	
220	.000	.319	.450	.627	.675	.454	.183	.060	.007	
230	.000	.326	.459	.640	.691	.464	.188	.061	.007	
240	.000	.326	.459	.639	.690	.464	.187	.061	.007	
250	.000	.319	.450	.627	.675	.454	.183	.060	.007	
260	.000	.347	.490	.683	.736	.495	.200	.065	.008	
270	.000	.425	.600	.837	.902	.607	.245	.080	.009	
280	.000	.347	.490	.683	.736	.495	.200	.065	.008	
290	.000	.319	.450	.627	.675	.454	.183	.060	.007	
300	.000	.326	.459	.639	.690	.464	.187	.061	.007	
310	.000	.326	.459	.640	.691	.464	.188	.061	.007	
320	.000	.319	.450	.627	.675	.454	.183	.060	.007	
330	.000	.310	.437	.609	.658	.443	.179	.058	.007	
340	.000	.305	.430	.599	.646	.434	.176	.057	.007	
350	.000	.305	.430	.600	.647	.435	.176	.057	.007	

MT07 (N_30°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.110	.396	.765	.917	.630	.247	.079	.010	
10	.000	.107	.385	.743	.890	.611	.240	.077	.009	
20	.000	.106	.381	.737	.883	.606	.238	.076	.009	
30	.000	.106	.383	.739	.885	.608	.238	.076	.009	
40	.000	.106	.384	.742	.888	.610	.239	.077	.009	
50	.000	.104	.374	.724	.869	.596	.234	.075	.009	
60	.000	.094	.339	.655	.784	.539	.212	.068	.008	
70	.000	.070	.253	.489	.587	.403	.158	.051	.006	
80	.000	.035	.126	.245	.293	.201	.079	.025	.003	
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	
100	.000	.000	.000	.000	.000	.000	.000	.000	.000	
110	.000	.000	.000	.000	.000	.000	.000	.000	.000	
120	.000	.000	.000	.000	.000	.000	.000	.000	.000	
130	.000	.000	.000	.000	.000	.000	.000	.000	.000	
140	.000	.000	.000	.000	.000	.000	.000	.000	.000	
150	.000	.000	.000	.000	.000	.000	.000	.000	.000	
160	.000	.000	.000	.000	.000	.000	.000	.000	.000	
170	.000	.000	.000	.000	.000	.000	.000	.000	.000	
180	.000	.000	.000	.000	.000	.000	.000	.000	.000	
190	.000	.000	.000	.000	.000	.000	.000	.000	.000	
200	.000	.000	.000	.000	.000	.000	.000	.000	.000	
210	.000	.000	.000	.000	.000	.000	.000	.000	.000	
220	.000	.000	.000	.000	.000	.000	.000	.000	.000	
230	.000	.000	.000	.000	.000	.000	.000	.000	.000	
240	.000	.000	.000	.000	.000	.000	.000	.000	.000	
250	.000	.000	.000	.000	.000	.000	.000	.000	.000	
260	.000	.000	.000	.000	.000	.000	.000	.000	.000	
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	
280	.000	.035	.126	.245	.293	.201	.079	.025	.003	
290	.000	.070	.253	.489	.587	.403	.158	.051	.006	
300	.000	.094	.339	.655	.784	.539	.212	.068	.008	
310	.000	.104	.374	.724	.869	.596	.234	.075	.009	
320	.000	.106	.384	.742	.888	.610	.239	.077	.009	
330	.000	.106	.383	.739	.885	.608	.238	.076	.009	
340	.000	.106	.381	.737	.883	.606	.238	.076	.009	
350	.000	.107	.385	.743	.890	.611	.240	.077	.009	

MT07 (S_30°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
40	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
50	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
60	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
70	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
80	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
100	.000	.035	.126	.245	.293	.201	.079	.025	.003	.003
110	.000	.070	.253	.489	.587	.403	.158	.051	.006	.006
120	.000	.094	.339	.655	.784	.539	.212	.068	.008	.008
130	.000	.104	.374	.724	.869	.596	.234	.075	.009	.009
140	.000	.106	.384	.742	.888	.610	.239	.077	.009	.009
150	.000	.106	.383	.739	.885	.608	.238	.076	.009	.009
160	.000	.106	.381	.737	.883	.606	.238	.076	.009	.009
170	.000	.107	.385	.743	.890	.611	.240	.077	.009	.009
180	.000	.110	.396	.765	.917	.630	.247	.079	.010	.010
190	.000	.107	.385	.743	.890	.611	.240	.077	.009	.009
200	.000	.106	.381	.737	.883	.606	.238	.076	.009	.009
210	.000	.106	.383	.739	.885	.608	.238	.076	.009	.009
220	.000	.106	.384	.742	.888	.610	.239	.077	.009	.009
230	.000	.104	.374	.724	.869	.596	.234	.075	.009	.009
240	.000	.094	.339	.655	.784	.539	.212	.068	.008	.008
250	.000	.070	.253	.489	.587	.403	.158	.051	.006	.006
260	.000	.035	.126	.245	.293	.201	.079	.025	.003	.003
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
280	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
290	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
300	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
310	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
320	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
330	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
340	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
350	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

MT07 (N_60°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.000	.000	.000	.000	.000	.000	.000	.709	.179
10	.000	.000	.000	.000	.000	.000	.000	.000	.612	.154
20	.000	.000	.000	.000	.000	.000	.000	.000	.485	.122
30	.000	.000	.000	.000	.000	.000	.000	.000	.341	.086
40	.000	.000	.000	.000	.000	.000	.000	.000	.193	.049
50	.000	.000	.000	.000	.000	.000	.000	.000	.067	.017
60	.000	.000	.000	.000	.000	.000	.000	.000	.003	.001
70	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
80	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
100	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
110	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
120	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
130	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
140	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
150	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
160	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
170	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
180	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
190	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
200	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
210	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
220	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
230	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
240	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
260	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
280	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
290	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
300	.000	.000	.000	.000	.000	.000	.000	.000	.003	.001
310	.000	.000	.000	.000	.000	.000	.000	.000	.067	.017
320	.000	.000	.000	.000	.000	.000	.000	.000	.193	.049
330	.000	.000	.000	.000	.000	.000	.000	.000	.341	.086
340	.000	.000	.000	.000	.000	.000	.000	.000	.485	.122
350	.000	.000	.000	.000	.000	.000	.000	.000	.612	.154

MT07 (S_60°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
40	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
50	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
60	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
70	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
80	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
100	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
110	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
120	.000	.000	.000	.000	.000	.000	.000	.000	.003	.001
130	.000	.000	.000	.000	.000	.000	.000	.000	.067	.017
140	.000	.000	.000	.000	.000	.000	.000	.000	.193	.049
150	.000	.000	.000	.000	.000	.000	.000	.000	.341	.086
160	.000	.000	.000	.000	.000	.000	.000	.000	.485	.122
170	.000	.000	.000	.000	.000	.000	.000	.000	.612	.154
180	.000	.000	.000	.000	.000	.000	.000	.000	.709	.179
190	.000	.000	.000	.000	.000	.000	.000	.000	.612	.154
200	.000	.000	.000	.000	.000	.000	.000	.000	.485	.122
210	.000	.000	.000	.000	.000	.000	.000	.000	.341	.086
220	.000	.000	.000	.000	.000	.000	.000	.000	.193	.049
230	.000	.000	.000	.000	.000	.000	.000	.000	.067	.017
240	.000	.000	.000	.000	.000	.000	.000	.000	.003	.001
250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
260	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
280	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
290	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
300	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
310	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
320	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
330	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
340	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
350	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

MT20 (VERTICAL)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.305	.428	.592	.628	.414	.163	.051	.006	
10	.000	.298	.418	.576	.612	.403	.159	.050	.006	
20	.000	.297	.416	.575	.610	.402	.158	.050	.006	
30	.000	.301	.423	.583	.619	.408	.160	.050	.006	
40	.000	.308	.432	.597	.634	.418	.164	.052	.006	
50	.000	.314	.441	.608	.646	.426	.168	.053	.006	
60	.000	.313	.438	.606	.643	.424	.166	.052	.006	
70	.000	.307	.430	.594	.631	.416	.163	.051	.006	
80	.000	.336	.472	.650	.691	.456	.179	.056	.007	
90	.000	.410	.574	.793	.842	.555	.218	.068	.008	
100	.000	.336	.472	.650	.691	.456	.179	.056	.007	
110	.000	.307	.430	.594	.631	.416	.163	.051	.006	
120	.000	.313	.438	.606	.643	.424	.166	.052	.006	
130	.000	.314	.441	.608	.646	.426	.168	.053	.006	
140	.000	.308	.432	.597	.634	.418	.164	.052	.006	
150	.000	.301	.423	.583	.619	.408	.160	.050	.006	
160	.000	.297	.416	.575	.610	.402	.158	.050	.006	
170	.000	.298	.418	.576	.612	.403	.159	.050	.006	
180	.000	.305	.428	.592	.628	.414	.163	.051	.006	
190	.000	.298	.418	.576	.612	.403	.159	.050	.006	
200	.000	.297	.416	.575	.610	.402	.158	.050	.006	
210	.000	.301	.423	.583	.619	.408	.160	.050	.006	
220	.000	.308	.432	.597	.634	.418	.164	.052	.006	
230	.000	.314	.441	.608	.646	.426	.168	.053	.006	
240	.000	.313	.438	.606	.643	.424	.166	.052	.006	
250	.000	.307	.430	.594	.631	.416	.163	.051	.006	
260	.000	.336	.472	.650	.691	.456	.179	.056	.007	
270	.000	.410	.574	.793	.842	.555	.218	.068	.008	
280	.000	.336	.472	.650	.691	.456	.179	.056	.007	
290	.000	.307	.430	.594	.631	.416	.163	.051	.006	
300	.000	.313	.438	.606	.643	.424	.166	.052	.006	
310	.000	.314	.441	.608	.646	.426	.168	.053	.006	
320	.000	.308	.432	.597	.634	.418	.164	.052	.006	
330	.000	.301	.423	.583	.619	.408	.160	.050	.006	
340	.000	.297	.416	.575	.610	.402	.158	.050	.006	
350	.000	.298	.418	.576	.612	.403	.159	.050	.006	

MT20 (N_30°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.107	.384	.732	.866	.582	.223	.069	.008	
10	.000	.104	.372	.712	.840	.565	.216	.067	.008	
20	.000	.103	.368	.705	.832	.560	.214	.066	.008	
30	.000	.103	.369	.705	.833	.561	.215	.066	.008	
40	.000	.103	.368	.705	.832	.560	.214	.066	.008	
50	.000	.100	.358	.685	.809	.543	.208	.064	.008	
60	.000	.090	.320	.613	.724	.487	.186	.058	.007	
70	.000	.066	.238	.456	.538	.362	.138	.043	.005	
80	.000	.034	.119	.228	.270	.181	.069	.021	.003	
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	
100	.000	.000	.000	.000	.000	.000	.000	.000	.000	
110	.000	.000	.000	.000	.000	.000	.000	.000	.000	
120	.000	.000	.000	.000	.000	.000	.000	.000	.000	
130	.000	.000	.000	.000	.000	.000	.000	.000	.000	
140	.000	.000	.000	.000	.000	.000	.000	.000	.000	
150	.000	.000	.000	.000	.000	.000	.000	.000	.000	
160	.000	.000	.000	.000	.000	.000	.000	.000	.000	
170	.000	.000	.000	.000	.000	.000	.000	.000	.000	
180	.000	.000	.000	.000	.000	.000	.000	.000	.000	
190	.000	.000	.000	.000	.000	.000	.000	.000	.000	
200	.000	.000	.000	.000	.000	.000	.000	.000	.000	
210	.000	.000	.000	.000	.000	.000	.000	.000	.000	
220	.000	.000	.000	.000	.000	.000	.000	.000	.000	
230	.000	.000	.000	.000	.000	.000	.000	.000	.000	
240	.000	.000	.000	.000	.000	.000	.000	.000	.000	
250	.000	.000	.000	.000	.000	.000	.000	.000	.000	
260	.000	.000	.000	.000	.000	.000	.000	.000	.000	
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	
280	.000	.034	.119	.228	.270	.181	.069	.021	.003	
290	.000	.066	.238	.456	.538	.362	.138	.043	.005	
300	.000	.090	.320	.613	.724	.487	.186	.058	.007	
310	.000	.100	.358	.685	.809	.543	.208	.064	.008	
320	.000	.103	.368	.705	.832	.560	.214	.066	.008	
330	.000	.103	.369	.705	.833	.561	.215	.066	.008	
340	.000	.103	.368	.705	.832	.560	.214	.066	.008	
350	.000	.104	.372	.712	.840	.565	.216	.067	.008	

MT20 (S_{30}^0)

$\varphi^0 \backslash \theta^0$	0	8	16	24	32	40	48	56	64
0	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	.000	.000	.000	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.000	.000	.000	.000	.000	.000
40	.000	.000	.000	.000	.000	.000	.000	.000	.000
50	.000	.000	.000	.000	.000	.000	.000	.000	.000
60	.000	.000	.000	.000	.000	.000	.000	.000	.000
70	.000	.000	.000	.000	.000	.000	.000	.000	.000
80	.000	.000	.000	.000	.000	.000	.000	.000	.000
90	.000	.000	.000	.000	.000	.000	.000	.000	.000
100	.000	.034	.119	.228	.270	.181	.069	.021	.003
110	.000	.066	.238	.456	.538	.362	.138	.043	.005
120	.000	.090	.320	.613	.724	.487	.186	.058	.007
130	.000	.100	.358	.685	.809	.543	.208	.064	.008
140	.000	.103	.368	.705	.832	.560	.214	.066	.008
150	.000	.103	.369	.705	.833	.561	.215	.066	.008
160	.000	.103	.368	.705	.832	.560	.214	.066	.008
170	.000	.104	.372	.712	.840	.565	.216	.067	.008
180	.000	.107	.384	.732	.866	.582	.223	.069	.008
190	.000	.104	.372	.712	.840	.565	.216	.067	.008
200	.000	.103	.368	.705	.832	.560	.214	.066	.008
210	.000	.103	.369	.705	.833	.561	.215	.066	.008
220	.000	.103	.368	.705	.832	.560	.214	.066	.008
230	.000	.100	.358	.685	.809	.543	.208	.064	.008
240	.000	.090	.320	.613	.724	.487	.186	.058	.007
250	.000	.066	.238	.456	.538	.362	.138	.043	.005
260	.000	.034	.119	.228	.270	.181	.069	.021	.003
270	.000	.000	.000	.000	.000	.000	.000	.000	.000
280	.000	.000	.000	.000	.000	.000	.000	.000	.000
290	.000	.000	.000	.000	.000	.000	.000	.000	.000
300	.000	.000	.000	.000	.000	.000	.000	.000	.000
310	.000	.000	.000	.000	.000	.000	.000	.000	.000
320	.000	.000	.000	.000	.000	.000	.000	.000	.000
330	.000	.000	.000	.000	.000	.000	.000	.000	.000
340	.000	.000	.000	.000	.000	.000	.000	.000	.000
350	.000	.000	.000	.000	.000	.000	.000	.000	.000

MT20 (N_60°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.000	.000	.000	.000	.000	.000	.000	.564	.135
10	.000	.000	.000	.000	.000	.000	.000	.000	.487	.117
20	.000	.000	.000	.000	.000	.000	.000	.000	.384	.092
30	.000	.000	.000	.000	.000	.000	.000	.000	.266	.064
40	.000	.000	.000	.000	.000	.000	.000	.000	.148	.036
50	.000	.000	.000	.000	.000	.000	.000	.000	.051	.012
60	.000	.000	.000	.000	.000	.000	.000	.000	.003	.001
70	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
80	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
100	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
110	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
120	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
130	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
140	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
150	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
160	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
170	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
180	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
190	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
200	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
210	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
220	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
230	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
240	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
260	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
280	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
290	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
300	.000	.000	.000	.000	.000	.000	.000	.000	.003	.001
310	.000	.000	.000	.000	.000	.000	.000	.000	.051	.012
320	.000	.000	.000	.000	.000	.000	.000	.000	.148	.036
330	.000	.000	.000	.000	.000	.000	.000	.000	.266	.064
340	.000	.000	.000	.000	.000	.000	.000	.000	.384	.092
350	.000	.000	.000	.000	.000	.000	.000	.000	.487	.117

MT20 (S_60°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
40	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
50	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
60	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
70	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
80	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
100	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
110	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
120	.000	.000	.000	.000	.000	.000	.000	.000	.003	.001
130	.000	.000	.000	.000	.000	.000	.000	.000	.051	.012
140	.000	.000	.000	.000	.000	.000	.000	.000	.148	.036
150	.000	.000	.000	.000	.000	.000	.000	.000	.266	.064
160	.000	.000	.000	.000	.000	.000	.000	.000	.384	.092
170	.000	.000	.000	.000	.000	.000	.000	.000	.487	.117
180	.000	.000	.000	.000	.000	.000	.000	.000	.564	.135
190	.000	.000	.000	.000	.000	.000	.000	.000	.487	.117
200	.000	.000	.000	.000	.000	.000	.000	.000	.384	.092
210	.000	.000	.000	.000	.000	.000	.000	.000	.266	.064
220	.000	.000	.000	.000	.000	.000	.000	.000	.148	.036
230	.000	.000	.000	.000	.000	.000	.000	.000	.051	.012
240	.000	.000	.000	.000	.000	.000	.000	.000	.003	.001
250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
260	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
280	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
290	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
300	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
310	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
320	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
330	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
340	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
350	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

MT40 (VERTICAL)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.298	.416	.568	.595	.385	.147	.044	.005	
10	.000	.291	.404	.553	.579	.374	.143	.043	.005	
20	.000	.290	.402	.550	.577	.372	.143	.042	.005	
30	.000	.293	.408	.558	.584	.377	.145	.043	.005	
40	.000	.299	.417	.570	.598	.386	.148	.044	.005	
50	.000	.304	.423	.579	.606	.392	.150	.046	.005	
60	.000	.302	.420	.575	.602	.389	.149	.044	.005	
70	.000	.296	.413	.564	.590	.382	.146	.043	.005	
80	.000	.326	.454	.620	.649	.420	.160	.049	.005	
90	.000	.395	.551	.753	.789	.510	.195	.059	.006	
100	.000	.326	.454	.620	.649	.420	.160	.049	.005	
110	.000	.296	.413	.564	.590	.382	.146	.043	.005	
120	.000	.302	.420	.575	.602	.389	.149	.044	.005	
130	.000	.304	.423	.579	.606	.392	.150	.046	.005	
140	.000	.299	.417	.570	.598	.386	.148	.044	.005	
150	.000	.293	.408	.558	.584	.377	.145	.043	.005	
160	.000	.290	.402	.550	.577	.372	.143	.042	.005	
170	.000	.291	.404	.553	.579	.374	.143	.043	.005	
180	.000	.298	.416	.568	.595	.385	.147	.044	.005	
190	.000	.291	.404	.553	.579	.374	.143	.043	.005	
200	.000	.290	.402	.550	.577	.372	.143	.042	.005	
210	.000	.293	.408	.558	.584	.377	.145	.043	.005	
220	.000	.299	.417	.570	.598	.386	.148	.044	.005	
230	.000	.304	.423	.579	.606	.392	.150	.046	.005	
240	.000	.302	.420	.575	.602	.389	.149	.044	.005	
250	.000	.296	.413	.564	.590	.382	.146	.043	.005	
260	.000	.326	.454	.620	.649	.420	.160	.049	.005	
270	.000	.395	.551	.753	.789	.510	.195	.059	.006	
280	.000	.326	.454	.620	.649	.420	.160	.049	.005	
290	.000	.296	.413	.564	.590	.382	.146	.043	.005	
300	.000	.302	.420	.575	.602	.389	.149	.044	.005	
310	.000	.304	.423	.579	.606	.392	.150	.046	.005	
320	.000	.299	.417	.570	.598	.386	.148	.044	.005	
330	.000	.293	.408	.558	.584	.377	.145	.043	.005	
340	.000	.290	.402	.550	.577	.372	.143	.042	.005	
350	.000	.291	.404	.553	.579	.374	.143	.043	.005	

MT40 (N_30°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.104	.371	.703	.816	.538	.200	.060	.006	
10	.000	.101	.360	.683	.793	.523	.194	.058	.006	
20	.000	.100	.356	.674	.783	.517	.192	.057	.006	
30	.000	.099	.355	.673	.782	.516	.192	.057	.006	
40	.000	.099	.354	.670	.779	.514	.191	.057	.006	
50	.000	.096	.342	.647	.752	.496	.184	.055	.006	
60	.000	.084	.304	.576	.669	.442	.164	.049	.005	
70	.000	.062	.224	.425	.493	.326	.121	.036	.004	
80	.000	.032	.112	.213	.247	.163	.061	.018	.002	
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	
100	.000	.000	.000	.000	.000	.000	.000	.000	.000	
110	.000	.000	.000	.000	.000	.000	.000	.000	.000	
120	.000	.000	.000	.000	.000	.000	.000	.000	.000	
130	.000	.000	.000	.000	.000	.000	.000	.000	.000	
140	.000	.000	.000	.000	.000	.000	.000	.000	.000	
150	.000	.000	.000	.000	.000	.000	.000	.000	.000	
160	.000	.000	.000	.000	.000	.000	.000	.000	.000	
170	.000	.000	.000	.000	.000	.000	.000	.000	.000	
180	.000	.000	.000	.000	.000	.000	.000	.000	.000	
190	.000	.000	.000	.000	.000	.000	.000	.000	.000	
200	.000	.000	.000	.000	.000	.000	.000	.000	.000	
210	.000	.000	.000	.000	.000	.000	.000	.000	.000	
220	.000	.000	.000	.000	.000	.000	.000	.000	.000	
230	.000	.000	.000	.000	.000	.000	.000	.000	.000	
240	.000	.000	.000	.000	.000	.000	.000	.000	.000	
250	.000	.000	.000	.000	.000	.000	.000	.000	.000	
260	.000	.000	.000	.000	.000	.000	.000	.000	.000	
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	
280	.000	.032	.112	.213	.247	.163	.061	.018	.002	
290	.000	.062	.224	.425	.493	.326	.121	.036	.004	
300	.000	.084	.304	.576	.669	.442	.164	.049	.005	
310	.000	.096	.342	.647	.752	.496	.184	.055	.006	
320	.000	.099	.354	.670	.779	.514	.191	.057	.006	
330	.000	.099	.355	.673	.782	.516	.192	.057	.006	
340	.000	.100	.356	.674	.783	.517	.192	.057	.006	
350	.000	.101	.360	.683	.793	.523	.194	.058	.006	

MT40 (S_30°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
40	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
50	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
60	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
70	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
80	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
100	.000	.032	.112	.213	.247	.163	.061	.018	.002	.002
110	.000	.062	.224	.425	.493	.326	.121	.036	.004	.004
120	.000	.084	.304	.576	.669	.442	.164	.049	.005	.005
130	.000	.096	.342	.647	.752	.496	.184	.055	.006	.006
140	.000	.099	.354	.670	.779	.514	.191	.057	.006	.006
150	.000	.099	.355	.673	.782	.516	.192	.057	.006	.006
160	.000	.100	.356	.674	.783	.517	.192	.057	.006	.006
170	.000	.101	.360	.683	.793	.523	.194	.058	.006	.006
180	.000	.104	.371	.703	.816	.538	.200	.060	.006	.006
190	.000	.101	.360	.683	.793	.523	.194	.058	.006	.006
200	.000	.100	.356	.674	.783	.517	.192	.057	.006	.006
210	.000	.099	.355	.673	.782	.516	.192	.057	.006	.006
220	.000	.099	.354	.670	.779	.514	.191	.057	.006	.006
230	.000	.096	.342	.647	.752	.496	.184	.055	.006	.006
240	.000	.084	.304	.576	.669	.442	.164	.049	.005	.005
250	.000	.062	.224	.425	.493	.326	.121	.036	.004	.004
260	.000	.032	.112	.213	.247	.163	.061	.018	.002	.002
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
280	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
290	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
300	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
310	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
320	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
330	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
340	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
350	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

MT40 (N_60°)

φ°	θ°	0	8	16	24	32	40	48	56	64
0	.000	.000	.000	.000	.000	.000	.000	.000	.449	.102
10	.000	.000	.000	.000	.000	.000	.000	.000	.386	.088
20	.000	.000	.000	.000	.000	.000	.000	.000	.303	.069
30	.000	.000	.000	.000	.000	.000	.000	.000	.208	.047
40	.000	.000	.000	.000	.000	.000	.000	.000	.114	.026
50	.000	.000	.000	.000	.000	.000	.000	.000	.038	.009
60	.000	.000	.000	.000	.000	.000	.000	.000	.002	.000
70	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
80	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
90	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
100	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
110	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
120	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
130	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
140	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
150	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
160	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
170	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
180	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
190	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
200	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
210	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
220	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
230	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
240	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
260	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
270	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
280	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
290	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
300	.000	.000	.000	.000	.000	.000	.000	.000	.002	.000
310	.000	.000	.000	.000	.000	.000	.000	.000	.038	.009
320	.000	.000	.000	.000	.000	.000	.000	.000	.114	.026
330	.000	.000	.000	.000	.000	.000	.000	.000	.208	.047
340	.000	.000	.000	.000	.000	.000	.000	.000	.303	.069
350	.000	.000	.000	.000	.000	.000	.000	.000	.386	.088

MT40 (S_60°)

φ°	θ° 0	8	16	24	32	40	48	56	64
0	.000	.000	.000	.000	.000	.000	.000	.000	.000
10	.000	.000	.000	.000	.000	.000	.000	.000	.000
20	.000	.000	.000	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.000	.000	.000	.000	.000	.000
40	.000	.000	.000	.000	.000	.000	.000	.000	.000
50	.000	.000	.000	.000	.000	.000	.000	.000	.000
60	.000	.000	.000	.000	.000	.000	.000	.000	.000
70	.000	.000	.000	.000	.000	.000	.000	.000	.000
80	.000	.000	.000	.000	.000	.000	.000	.000	.000
90	.000	.000	.000	.000	.000	.000	.000	.000	.000
100	.000	.000	.000	.000	.000	.000	.000	.000	.000
110	.000	.000	.000	.000	.000	.000	.000	.000	.000
120	.000	.000	.000	.000	.000	.000	.000	.002	.000
130	.000	.000	.000	.000	.000	.000	.000	.038	.009
140	.000	.000	.000	.000	.000	.000	.000	.114	.026
150	.000	.000	.000	.000	.000	.000	.000	.208	.047
160	.000	.000	.000	.000	.000	.000	.000	.303	.069
170	.000	.000	.000	.000	.000	.000	.000	.386	.088
180	.000	.000	.000	.000	.000	.000	.000	.449	.102
190	.000	.000	.000	.000	.000	.000	.000	.386	.088
200	.000	.000	.000	.000	.000	.000	.000	.303	.069
210	.000	.000	.000	.000	.000	.000	.000	.208	.047
220	.000	.000	.000	.000	.000	.000	.000	.114	.026
230	.000	.000	.000	.000	.000	.000	.000	.038	.009
240	.000	.000	.000	.000	.000	.000	.000	.002	.000
250	.000	.000	.000	.000	.000	.000	.000	.000	.000
260	.000	.000	.000	.000	.000	.000	.000	.000	.000
270	.000	.000	.000	.000	.000	.000	.000	.000	.000
280	.000	.000	.000	.000	.000	.000	.000	.000	.000
290	.000	.000	.000	.000	.000	.000	.000	.000	.000
300	.000	.000	.000	.000	.000	.000	.000	.000	.000
310	.000	.000	.000	.000	.000	.000	.000	.000	.000
320	.000	.000	.000	.000	.000	.000	.000	.000	.000
330	.000	.000	.000	.000	.000	.000	.000	.000	.000
340	.000	.000	.000	.000	.000	.000	.000	.000	.000
350	.000	.000	.000	.000	.000	.000	.000	.000	.000