APPENDIX
Values of $\log_{10} U_t/Q_H$ in terms of $\log_{10} P_H x$ for spherical particles – see page 52

i.e. within the table are values of $\log_{10} U_t/Q_H$ which correspond to the values of $\log_{10} P_H x$ given by the left hand column, with the second decimal place coming from the scale on the top row, interpolation may be used for the third decimal place.

$\log P_H x$	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
−0.2	−1.780									
−0.1	−1.580	−1.600	−1.620	−1.640	−1.660	−1.680	−1.700	−1.720	−1.740	−1.760
−0.0	−1.382	−1.402	−1.422	−1.442	−1.461	−1.481	−1.501	−1.521	−1.541	−1.560
0.0	−1.382	−1.362	−1.343	−1.323	−1.303	−1.283	−1.264	−1.244	−1.225	−1.205
0.1	−1.185	−1.166	−1.146	−1.126	−1.106	−1.087	−1.068	−1.048	−1.029	−1.010
0.2	−0.990	−0.971	−0.952	−0.932	−0.912	−0.893	−0.874	−0.855	−0.836	−0.817
0.3	−0.799	−0.780	−0.762	−0.743	−0.725	−0.707	−0.688	−0.670	−0.652	−0.634
0.4	−0.616	−0.598	−0.580	−0.562	−0.544	−0.527	−0.510	−0.492	−0.475	−0.457
0.5	−0.440	−0.423	−0.406	−0.389	−0.373	−0.357	−0.341	−0.325	−0.308	−0.292
0.6	−0.276	−0.260	−0.245	−0.229	−0.213	−0.198	−0.183	−0.168	−0.153	−0.138
0.7	−0.123	−0.109	−0.095	−0.080	−0.066	−0.052	−0.038	−0.024	−0.011	0.003
0.8	0.017	0.030	0.043	0.057	0.070	0.083	0.096	0.109	0.122	0.135
0.9	0.148	0.161	0.173	0.186	0.199	0.211	0.224	0.236	0.248	0.261
1.0	0.273	0.285	0.297	0.309	0.321	0.333	0.345	0.356	0.368	0.380
1.1	0.391	0.402	0.414	0.425	0.436	0.447	0.458	0.469	0.480	0.491
1.2	0.502	0.513	0.523	0.534	0.545	0.555	0.565	0.576	0.586	0.596
1.3	0.607	0.617	0.627	0.637	0.647	0.657	0.667	0.677	0.686	0.696
1.4	0.706	0.715	0.725	0.734	0.744	0.753	0.762	0.772	0.781	0.790
1.5	0.800	0.809	0.818	0.827	0.836	0.844	0.853	0.862	0.870	0.879
1.6	0.887	0.895	0.904	0.912	0.920	0.928	0.936	0.944	0.951	0.959
1.7	0.967	0.974	0.981	0.989	0.996	1.004	1.011	1.018	1.026	1.031
1.8	1.040	1.048	1.055	1.062	1.069	1.076	1.083	1.090	1.097	1.104
1.9	1.111	1.118	1.125	1.132	1.139	1.146	1.153	1.160	1.167	1.174
2.0	1.180	1.187	1.194	1.200	1.207	1.214	1.220	1.227	1.233	1.240
2.1	1.246	1.253	1.259	1.265	1.272	1.278	1.284	1.290	1.296	1.302
2.2	1.307	1.313	1.319	1.324	1.329	1.335	1.340	1.345	1.350	1.355
2.3	1.360	1.364	1.369	1.374	1.378	1.383	1.388	1.392	1.397	1.401
2.4	1.406	1.411	1.415	1.420	1.424	1.428	1.433	1.437	1.441	1.445
2.5	1.450	1.454	1.458	1.462	1.466	1.470	1.474	1.478	1.482	1.486
2.6	1.490	1.494	1.498	1.502	1.506	1.510	1.514	1.518	1.521	1.525
2.7	1.529	1.533	1.537	1.541	1.545	1.549	1.553	1.557	1.561	1.565
2.8	1.569	1.573	1.578	1.582	1.586	1.590	1.594	1.598	1.603	1.607
2.9	1.611	1.616	1.620	1.624	1.629	1.633	1.637	1.642	1.646	1.651
3.0	1.655	1.660	1.665	1.669	1.674	1.679	1.684	1.689	1.694	1.698
3.1	1.703	1.708	1.713	1.718	1.724	1.729	1.734	1.740	1.746	1.751
3.2	1.757	1.763	1.770	1.776	1.782	1.788	1.795	1.801	1.808	1.814
3.3	1.821	1.828	1.834	1.841	1.848	1.854	1.861	1.868	1.875	1.881

Values of $\log_{10} P_H x$ in terms of $\log_{10} U_t/Q_H$ for spherical particles

i.e. within the table are values of $\log_{10} P_H x$ which correspond to the values of $\log_{10} U_t/Q_H$ given by the left hand column, with the second decimal place coming from the scale on the top row, interpolation may be used for the third decimal place.

$\log U_t/Q_H$	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
−1.7	−0.160									
−1.6	−0.110	−0.115	−0.120	−0.125	−0.130	−0.135	−0.140	−0.145	−0.150	−0.155
−1.5	−0.060	−0.065	−0.070	−0.075	−0.080	−0.085	−0.900	−0.095	−0.100	−0.105
−1.4	−0.009	−0.014	−0.019	−0.024	−0.029	−0.034	−0.040	−0.045	−0.050	−0.055
−1.3	0.041	0.036	0.031	0.026	0.021	0.016	0.011	0.006	0.001	−0.004
−1.2	0.093	0.087	0.082	0.077	0.072	0.067	0.062	0.057	0.052	0.046
−1.1	0.143	0.138	0.133	0.128	0.123	0.118	0.113	0.108	0.103	0.098
−1.0	0.195	0.190	0.185	0.179	0.174	0.169	0.164	0.159	0.154	0.148
−0.9	0.246	0.241	0.236	0.231	0.226	0.221	0.216	0.211	0.206	0.200
−0.8	0.299	0.293	0.288	0.283	0.278	0.272	0.267	0.262	0.257	0.252
−0.7	0.354	0.348	0.343	0.337	0.332	0.326	0.321	0.316	0.310	0.305
−0.6	0.409	0.404	0.398	0.392	0.387	0.382	0.376	0.370	0.364	0.359
−0.5	0.465	0.460	0.454	0.448	0.442	0.437	0.432	0.426	0.420	0.414
−0.4	0.524	0.518	0.512	0.506	0.500	0.494	0.488	0.483	0.477	0.471
−0.3	0.585	0.579	0.573	0.567	0.561	0.555	0.548	0.542	0.536	0.530
−0.2	0.649	0.642	0.636	0.629	0.623	0.616	0.610	0.604	0.597	0.591
−0.1	0.716	0.709	0.702	0.695	0.688	0.682	0.675	0.668	0.662	0.656
−0.0	0.781	0.773	0.766	0.759	0.752	0.745	0.738	0.730	0.723	
0.0	0.788	0.795	0.802	0.810	0.818	0.825	0.832	0.840	0.848	0.856
0.1	0.863	0.871	0.879	0.886	0.894	0.902	0.910	0.917	0.925	0.933
0.2	0.941	0.949	0.957	0.965	0.973	0.981	0.989	0.997	1.006	1.014
0.3	1.022	1.031	1.039	1.048	1.056	1.064	1.073	1.082	1.090	1.099
0.4	1.108	1.117	1.126	1.135	1.144	1.153	1.162	1.171	1.180	1.189
0.5	1.198	1.208	1.217	1.227	1.236	1.245	1.255	1.265	1.274	1.284
0.6	1.294	1.303	1.313	1.323	1.333	1.343	1.353	1.363	1.373	1.384
0.7	1.394	1.404	1.415	1.425	1.436	1.446	1.457	1.468	1.479	1.490
0.8	1.500	1.511	1.522	1.533	1.545	1.557	1.568	1.580	1.592	1.604
0.9	1.616	1.628	1.640	1.652	1.665	1.678	1.691	1.704	1.718	1.731
1.0	1.745	1.759	1.773	1.786	1.800	1.813	1.827	1.841	1.855	1.870
1.1	1.884	1.899	1.913	1.927	1.941	1.956	1.970	1.985	2.000	2.015
1.2	2.030	2.045	2.060	2.075	2.090	2.106	2.122	2.138	2.154	2.170
1.3	2.187	2.204	2.222	2.241	2.260	2.280	2.300	2.321	2.343	2.365
1.4	2.387	2.409	2.431	2.454	2.477	2.500	2.524	2.549	2.574	2.600
1.5	2.626	2.651	2.677	2.703	2.728	2.753	2.778	2.803	2.827	2.851
1.6	2.874	2.897	2.920	2.943	2.966	2.988	3.010	3.032	3.053	3.073
1.7	3.093	3.113	3.133	3.152	3.170	3.188	3.204	3.220	3.236	3.252
1.8	3.268	3.283	3.298	3.313	3.328	3.343	3.358	3.373	3.388	3.402