

Supplementary Material

1 SUPPLEMENTARY DATA

Table S1. Saturation parameters: the saturation density ρ_0 [fm^{-3}], the energy per particle E_0/A [MeV], the symmetry energy coefficient J [MeV], its slope L [MeV] and the incompressibility K [MeV] at the saturation density.

		L				K			
E_0/A		-15.0	-16.0	-17.0	-18.0	-15.0	-16.0	-17.0	-18.0
ρ_0	J								
0.14	27.00	42.77	41.75	40.75	39.76	275.20	288.91	302.49	315.93
	28.00	45.86	44.84	43.83	42.85	275.17	288.89	302.47	315.93
	29.00	48.95	47.93	46.92	45.93	275.15	288.87	302.46	315.92
	30.00	52.04	51.02	50.01	49.02	275.12	288.85	302.44	315.91
	31.00	55.14	54.11	53.10	52.11	275.09	288.82	302.43	315.90
	32.00	58.23	57.20	56.19	55.20	275.06	288.80	302.41	315.89
	33.00	61.32	60.29	59.28	58.29	275.03	288.78	302.39	315.88
	34.00	64.41	63.38	62.37	61.38	274.99	288.75	302.38	315.87
	35.00	67.50	66.47	65.46	64.46	274.96	288.73	302.36	315.86
	36.00	70.59	69.56	68.55	67.55	274.93	288.70	302.34	315.85
0.15	27.00	42.65	41.66	40.70	39.74	276.81	290.50	304.05	317.47
	28.00	45.75	44.76	43.80	42.84	276.78	290.47	304.03	317.46
	29.00	48.85	47.86	46.89	45.94	276.75	290.45	304.01	317.45
	30.00	51.95	50.97	49.99	49.04	276.72	290.42	304.00	317.44
	31.00	55.05	54.07	53.09	52.14	276.68	290.40	303.98	317.43
	32.00	58.16	57.17	56.19	55.24	276.65	290.37	303.96	317.42
	33.00	61.26	60.27	59.29	58.33	276.62	290.34	303.94	317.41
	34.00	64.36	63.37	62.39	61.43	276.58	290.32	303.92	317.39
	35.00	67.46	66.47	65.49	64.53	276.55	290.29	303.90	317.38
	36.00	70.56	69.57	68.59	67.63	276.51	290.26	303.88	317.37
0.16	27.00	42.01	41.04	40.09	39.16	278.36	292.02	305.55	318.95
	28.00	45.11	44.14	43.19	42.26	278.33	291.99	305.53	318.94
	29.00	48.21	47.24	46.29	45.36	278.29	291.97	305.51	318.92
	30.00	51.31	50.34	49.39	48.45	278.26	291.94	305.49	318.91
	31.00	54.41	53.44	52.49	51.55	278.22	291.91	305.47	318.90
	32.00	57.51	56.54	55.59	54.65	278.19	291.88	305.45	318.88
	33.00	60.62	59.64	58.69	57.75	278.15	291.85	305.43	318.87
	34.00	63.72	62.74	61.79	60.85	278.11	291.82	305.40	318.85
	35.00	66.82	65.84	64.89	63.95	278.08	291.79	305.38	318.84
	36.00	69.92	68.94	67.99	67.04	278.04	291.76	305.36	318.82
0.17	27.00	41.08	40.13	39.19	38.28	279.85	293.48	306.98	320.36
	28.00	44.16	43.21	42.27	41.35	279.82	293.45	306.96	320.34
	29.00	47.23	46.28	45.34	44.42	279.78	293.42	306.94	320.33
	30.00	50.31	49.36	48.42	47.50	279.74	293.39	306.92	320.31
	31.00	53.39	52.43	51.49	50.57	279.70	293.36	306.89	320.30
	32.00	56.46	55.51	54.57	53.64	279.66	293.33	306.87	320.28
	33.00	59.54	58.58	57.64	56.72	279.62	293.30	306.85	320.27
	34.00	62.62	61.66	60.72	59.79	279.58	293.27	306.82	320.25
	35.00	65.69	64.73	63.79	62.86	279.54	293.24	306.80	320.23
	36.00	68.77	67.81	66.87	65.94	279.50	293.20	306.77	320.21

Table S2. QMC coupling constants G_σ , G_ω and G_ρ in units of fm² calculated as a function of the NM mesh points ρ , E_0/A and J .

E_0/A	J	G_σ				G_ω				G_ρ			
		-15.0	-16.0	-17.0	-18.0	-15.0	-16.0	-17.0	-18.0	-15.0	-16.0	-17.0	-18.0
ρ_0													
0.14	27.00	11.069	11.432	11.790	12.143	6.774	6.924	7.069	7.208	3.271	3.294	3.317	3.340
	28.00	11.049	11.412	11.771	12.124	6.818	6.969	7.113	7.253	3.535	3.558	3.581	3.604
	29.00	11.020	11.393	11.751	12.106	6.862	7.013	7.158	7.298	3.800	3.823	3.846	3.869
	30.00	11.010	11.373	11.732	12.087	6.906	7.057	7.203	7.342	4.064	4.087	4.110	4.133
	31.00	10.990	11.354	11.713	12.068	6.950	7.101	7.247	7.387	4.328	4.352	4.375	4.398
	32.00	10.970	11.335	11.694	12.049	6.993	7.145	7.291	7.432	4.593	4.616	4.639	4.662
	33.00	10.951	11.315	11.675	12.030	7.037	7.190	7.336	7.477	4.857	4.881	4.904	4.926
	34.00	10.931	11.296	11.656	12.011	7.081	7.234	7.380	7.521	5.122	5.145	5.168	5.191
	35.00	10.911	11.276	11.637	11.992	7.125	7.278	7.425	7.566	5.386	5.409	5.432	5.455
	36.00	10.891	11.257	11.617	11.973	7.169	7.322	7.469	7.611	5.651	5.674	5.697	5.720
0.15	27.00	10.367	10.704	11.036	11.364	6.217	6.355	6.488	6.616	2.835	2.855	2.875	2.895
	28.00	10.348	10.685	11.018	11.346	6.258	6.396	6.529	6.657	3.081	3.101	3.121	3.141
	29.00	10.329	10.667	11.000	11.328	6.298	6.437	6.570	6.698	3.327	3.347	3.367	3.387
	30.00	10.311	10.648	10.981	11.310	6.338	6.477	6.611	6.739	3.573	3.593	3.613	3.633
	31.00	10.292	10.630	10.963	11.292	6.379	6.518	6.651	6.780	3.819	3.839	3.859	3.879
	32.00	10.273	10.611	10.945	11.274	6.419	6.558	6.692	6.821	4.065	4.085	4.105	4.125
	33.00	10.254	10.593	10.926	11.256	6.459	6.599	6.733	6.862	4.311	4.331	4.351	4.371
	34.00	10.235	10.574	10.908	11.238	6.499	6.639	6.774	6.903	4.557	4.577	4.597	4.617
	35.00	10.217	10.556	10.890	11.220	6.539	6.680	6.815	6.944	4.803	4.823	4.843	4.863
	36.00	10.198	10.537	10.872	11.202	6.579	6.720	6.855	6.985	5.049	5.069	5.089	5.109
0.16	27.00	9.753	10.067	10.377	10.683	5.735	5.863	5.985	6.103	2.465	2.483	2.501	2.518
	28.00	9.735	10.049	10.359	10.666	5.773	5.900	6.023	6.141	2.696	2.713	2.731	2.748
	29.00	9.717	10.031	10.342	10.649	5.810	5.938	6.060	6.179	2.926	2.944	2.961	2.979
	30.00	9.699	10.014	10.324	10.631	5.847	5.975	6.098	6.216	3.156	3.174	3.192	3.209
	31.00	9.681	9.996	10.307	10.614	5.884	6.012	6.136	6.254	3.387	3.404	3.422	3.439
	32.00	9.663	9.978	10.289	10.597	5.921	6.050	6.173	6.292	3.617	3.635	3.652	3.670
	33.00	9.645	9.961	10.272	10.579	5.958	6.087	6.211	6.330	3.847	3.865	3.883	3.900
	34.00	9.627	9.943	10.254	10.562	5.995	6.125	6.249	6.368	4.078	4.095	4.113	4.130
	35.00	9.609	9.925	10.237	10.545	6.033	6.162	6.286	6.406	4.308	4.326	4.343	4.361
	36.00	9.591	9.907	10.219	10.527	6.070	6.199	6.324	6.444	4.538	4.556	4.574	4.591
0.17	27.00	9.212	9.506	9.796	10.083	5.313	5.431	5.544	5.653	2.141	2.156	2.172	2.187
	28.00	9.195	9.489	9.780	10.067	5.347	5.465	5.579	5.688	2.357	2.373	2.388	2.403
	29.00	9.178	9.472	9.763	10.050	5.382	5.500	5.614	5.723	2.573	2.589	2.604	2.620
	30.00	9.161	9.455	9.746	10.034	5.416	5.535	5.649	5.758	2.790	2.805	2.820	2.836
	31.00	9.143	9.438	9.729	10.017	5.451	5.570	5.684	5.794	3.006	3.021	3.037	3.052
	32.00	9.126	9.421	9.713	10.000	5.485	5.604	5.719	5.829	3.222	3.237	3.253	3.268
	33.00	9.109	9.404	9.696	9.984	5.520	5.639	5.754	5.864	3.438	3.454	3.469	3.485
	34.00	9.092	9.387	9.679	9.967	5.554	5.674	5.789	5.899	3.654	3.670	3.685	3.701
	35.00	9.074	9.370	9.662	9.951	5.588	5.708	5.823	5.934	3.871	3.886	3.902	3.917
	36.00	9.057	9.353	9.645	9.934	5.623	5.743	5.858	5.969	4.087	4.102	4.118	4.133

Table S3. Hyperon single-particle potentials U_Λ , U_Σ and U_Ξ in units of MeV, at saturation density, as a function of the NM mesh points ρ , E_0/A and J .

		U_Λ				U_Σ				U_Ξ			
E_0/A		-15.0	-16.0	-17.0	-18.0	-15.0	-16.0	-17.0	-18.0	-15.0	-16.0	-17.0	-18.0
ρ_0	J												
0.140	27.0	-30.15	-30.97	-31.79	-32.594	-3.274	-3.402	-3.540	-3.69	-13.72	-14.07	-14.42	-14.759
	28.0	-29.15	-29.97	-30.78	-31.590	-2.307	-2.435	-2.572	-2.72	-13.22	-13.57	-13.92	-14.260
	29.0	-28.14	-28.96	-29.78	-30.587	-1.340	-1.467	-1.604	-1.75	-12.72	-13.07	-13.42	-13.761
	30.0	-27.14	-27.96	-28.78	-29.583	-0.372	-0.499	-0.635	-0.78	-12.22	-12.57	-12.92	-13.263
	31.0	-26.13	-26.96	-27.77	-28.579	0.595	0.469	0.333	0.19	-11.72	-12.07	-12.42	-12.764
	32.0	-25.13	-25.95	-26.77	-27.575	1.562	1.436	1.301	1.16	-11.22	-11.58	-11.92	-12.265
	33.0	-24.12	-24.95	-25.76	-26.571	2.529	2.404	2.269	2.13	-10.73	-11.08	-11.42	-11.767
	34.0	-23.11	-23.94	-24.76	-25.567	3.496	3.372	3.237	3.09	-10.23	-10.58	-10.93	-11.268
	35.0	-22.11	-22.94	-23.75	-24.564	4.463	4.339	4.205	4.06	-9.73	-10.08	-10.43	-10.769
	36.0	-21.10	-21.93	-22.75	-23.560	5.430	5.307	5.174	5.03	-9.23	-9.58	-9.93	-10.271
0.150	27.0	-32.41	-33.25	-34.08	-34.901	-5.500	-5.649	-5.807	-5.97	-14.85	-15.21	-15.56	-15.910
	28.0	-31.42	-32.26	-33.09	-33.907	-4.544	-4.692	-4.850	-5.02	-14.35	-14.71	-15.07	-15.417
	29.0	-30.42	-31.26	-32.09	-32.914	-3.587	-3.735	-3.893	-4.06	-13.86	-14.22	-14.57	-14.923
	30.0	-29.43	-30.27	-31.10	-31.921	-2.631	-2.779	-2.936	-3.10	-13.37	-13.73	-14.08	-14.430
	31.0	-28.43	-29.27	-30.11	-30.927	-1.675	-1.822	-1.978	-2.14	-12.87	-13.23	-13.59	-13.937
	32.0	-27.44	-28.28	-29.11	-29.934	-0.719	-0.865	-1.021	-1.19	-12.38	-12.74	-13.09	-13.443
	33.0	-26.44	-27.29	-28.12	-28.940	0.237	0.091	-0.064	-0.23	-11.88	-12.24	-12.60	-12.950
	34.0	-25.45	-26.29	-27.12	-27.947	1.194	1.048	0.893	0.73	-11.39	-11.75	-12.11	-12.456
	35.0	-24.45	-25.30	-26.13	-26.953	2.150	2.005	1.850	1.69	-10.90	-11.26	-11.61	-11.963
	36.0	-23.46	-24.30	-25.14	-25.959	3.106	2.961	2.807	2.64	-10.40	-10.76	-11.12	-11.469
0.160	27.0	-34.58	-35.43	-36.27	-37.107	-7.627	-7.796	-7.973	-8.16	-15.93	-16.29	-16.65	-17.011
	28.0	-33.59	-34.44	-35.29	-36.122	-6.680	-6.848	-7.025	-7.21	-15.44	-15.80	-16.17	-16.522
	29.0	-32.61	-33.46	-34.30	-35.137	-5.733	-5.900	-6.077	-6.26	-14.95	-15.31	-15.68	-16.033
	30.0	-31.62	-32.47	-33.32	-34.152	-4.786	-4.953	-5.129	-5.31	-14.46	-14.82	-15.19	-15.544
	31.0	-30.63	-31.49	-32.33	-33.167	-3.839	-4.005	-4.181	-4.36	-13.97	-14.34	-14.70	-15.055
	32.0	-29.65	-30.50	-31.35	-32.182	-2.892	-3.058	-3.233	-3.42	-13.48	-13.85	-14.21	-14.566
	33.0	-28.66	-29.52	-30.36	-31.197	-1.945	-2.110	-2.285	-2.47	-12.99	-13.36	-13.72	-14.077
	34.0	-27.67	-28.53	-29.38	-30.212	-0.998	-1.163	-1.337	-1.52	-12.50	-12.87	-13.23	-13.587
	35.0	-26.69	-27.54	-28.39	-29.227	-0.051	-0.215	-0.389	-0.57	-12.01	-12.38	-12.74	-13.098
	36.0	-25.70	-26.56	-27.40	-28.242	0.896	0.732	0.559	0.38	-11.52	-11.89	-12.25	-12.609
0.170	27.0	-36.70	-37.56	-38.42	-39.263	-9.703	-9.890	-10.09	-10.29	-16.98	-17.36	-17.72	-18.087
	28.0	-35.72	-36.58	-37.44	-38.287	-8.765	-8.952	-9.15	-9.35	-16.50	-16.87	-17.24	-17.602
	29.0	-34.74	-35.61	-36.46	-37.311	-7.828	-8.014	-8.21	-8.41	-16.01	-16.39	-16.75	-17.118
	30.0	-33.76	-34.63	-35.49	-36.336	-6.891	-7.077	-7.27	-7.47	-15.53	-15.90	-16.27	-16.634
	31.0	-32.79	-33.65	-34.51	-35.360	-5.953	-6.139	-6.33	-6.53	-15.04	-15.42	-15.78	-16.149
	32.0	-31.81	-32.68	-33.53	-34.384	-5.016	-5.201	-5.39	-5.60	-14.56	-14.93	-15.30	-15.665
	33.0	-30.83	-31.70	-32.56	-33.408	-4.079	-4.263	-4.46	-4.66	-14.07	-14.45	-14.82	-15.180
	34.0	-29.85	-30.72	-31.58	-32.432	-3.141	-3.325	-3.52	-3.72	-13.59	-13.96	-14.33	-14.696
	35.0	-28.88	-29.75	-30.61	-31.456	-2.204	-2.388	-2.58	-2.78	-13.10	-13.48	-13.85	-14.211
	36.0	-27.90	-28.77	-29.63	-30.480	-1.267	-1.450	-1.64	-1.84	-12.62	-12.99	-13.36	-13.727

Table S4. Maximum gravitational mass, corresponding radius and central baryon number density calculated as a function of the NM mesh points ρ , E_0/A and J .

		$M_g^{max} [M_\odot]$				$R^{max} [\text{km}]$				$\rho^{cen} [\text{fm}^{-3}]$			
E_0/A		-15.0	-16.0	-17.0	-18.0	-15.0	-16.0	-17.0	-18.0	-15.0	-16.0	-17.0	-18.0
ρ_0	J												
0.14	27.0	1.980	2.007	2.032	2.057	12.27	12.35	12.43	12.50	0.846	0.835	0.824	0.813
	28.0	1.977	2.004	2.029	2.053	12.34	12.42	12.49	12.57	0.837	0.825	0.814	0.805
	29.0	1.973	2.000	2.025	2.050	12.39	12.48	12.55	12.63	0.828	0.816	0.806	0.796
	30.0	1.970	1.997	2.022	2.046	12.45	12.53	12.61	12.68	0.819	0.808	0.798	0.788
	31.0	1.967	1.993	2.018	2.042	12.51	12.59	12.66	12.74	0.811	0.800	0.790	0.781
	32.0	1.963	1.989	2.015	2.039	12.56	12.64	12.71	12.78	0.804	0.793	0.783	0.774
	33.0	1.960	1.986	2.011	2.035	12.61	12.70	12.76	12.83	0.802	0.789	0.777	0.768
	34.0	1.956	1.983	2.008	2.032	12.66	12.73	12.81	12.88	0.791	0.780	0.771	0.762
	34.0	1.953	1.979	2.004	2.028	12.70	12.78	12.85	12.92	0.785	0.775	0.765	0.756
	36.0	1.950	1.976	2.001	2.025	12.74	12.82	12.89	12.96	0.780	0.769	0.760	0.751
0.15	27.0	1.904	1.929	1.954	1.977	11.85	11.93	12.00	12.07	0.909	0.896	0.885	0.873
	28.0	1.901	1.927	1.951	1.974	11.92	11.99	12.07	12.14	0.899	0.886	0.874	0.863
	29.0	1.898	1.923	1.948	1.971	11.98	12.06	12.13	12.20	0.889	0.876	0.865	0.854
	30.0	1.895	1.921	1.945	1.969	12.04	12.12	12.19	12.26	0.880	0.867	0.856	0.846
	31.0	1.892	1.918	1.942	1.965	12.09	12.17	12.24	12.31	0.871	0.859	0.848	0.837
	32.0	1.889	1.914	1.939	1.962	12.14	12.22	12.29	12.36	0.863	0.851	0.840	0.830
	33.0	1.886	1.911	1.935	1.959	12.20	12.27	12.34	12.41	0.855	0.844	0.833	0.823
	34.0	1.882	1.908	1.932	1.956	12.24	12.32	12.39	12.46	0.848	0.836	0.826	0.816
	35.0	1.880	1.905	1.929	1.952	12.29	12.36	12.43	12.50	0.841	0.830	0.820	0.810
	36.0	1.876	1.901	1.925	1.949	12.34	12.41	12.49	12.54	0.849	0.823	0.842	0.804
0.16	27.0	1.833	1.858	1.882	1.905	11.49	11.55	11.61	11.69	0.949	0.949	0.947	0.935
	28.0	1.831	1.855	1.879	1.902	11.55	11.61	11.68	11.74	0.949	0.949	0.936	0.924
	29.0	1.828	1.853	1.877	1.899	11.60	11.67	11.74	11.81	0.949	0.938	0.925	0.914
	30.0	1.826	1.850	1.874	1.897	11.66	11.73	11.80	11.87	0.941	0.928	0.916	0.904
	31.0	1.823	1.848	1.871	1.894	11.71	11.78	11.85	11.92	0.932	0.919	0.907	0.895
	32.0	1.821	1.845	1.869	1.891	11.77	11.84	11.91	11.97	0.923	0.910	0.898	0.887
	33.0	1.818	1.842	1.866	1.888	11.82	11.89	11.96	12.02	0.914	0.902	0.890	0.879
	34.0	1.815	1.839	1.863	1.885	11.86	11.94	12.01	12.07	0.906	0.894	0.882	0.871
	36.0	1.809	1.834	1.857	1.879	11.96	12.03	12.09	12.16	0.891	0.879	0.869	0.858
0.17	27.0	1.765	1.790	1.814	1.836	11.20	11.27	11.30	11.38	0.949	0.949	0.949	0.949
	28.0	1.764	1.789	1.812	1.835	11.26	11.33	11.36	11.43	0.949	0.949	0.949	0.949
	29.0	1.762	1.787	1.810	1.833	11.31	11.36	11.42	11.48	0.949	0.949	0.949	0.949
	30.0	1.761	1.785	1.808	1.830	11.36	11.41	11.46	11.53	0.949	0.949	0.949	0.949
	31.0	1.759	1.783	1.806	1.828	11.40	11.46	11.51	11.56	0.949	0.949	0.949	0.949
	32.0	1.757	1.781	1.804	1.826	11.45	11.50	11.56	11.61	0.949	0.949	0.949	0.946
	33.0	1.755	1.778	1.801	1.823	11.49	11.54	11.60	11.66	0.949	0.949	0.949	0.937
	34.0	1.752	1.776	1.799	1.821	11.53	11.56	11.67	11.71	0.949	0.949	0.940	0.929
	35.0	1.750	1.774	1.796	1.818	11.57	11.63	11.69	11.76	0.949	0.945	0.932	0.921
	36.0	1.747	1.771	1.793	1.815	11.60	11.67	11.74	11.80	0.949	0.937	0.925	0.914

Table S5. Radius in km, central baryon number density in fm^{-3} and tidal deformation of a $1.4 M_{\odot}$ star as a function of the NM mesh points ρ , E_0/A and J .

E_0/A	J	$R^{1.4} [\text{km}]$				$\rho_{1.4}^{cen} \text{fm}^{-3}$				Λ			
		-15.0	-16.0	-17.0	-18.0	-15.0	-16.0	-17.0	-18.0	-15.0	-16.0	-17.0	-18.0
ρ_0													
0.140	27.00	12.98	13.05	13.11	13.16	0.395	0.387	0.379	0.372	573.36	592.68	619.44	640.67
	28.00	13.05	13.11	13.17	13.23	0.391	0.383	0.375	0.368	586.00	607.00	634.99	658.04
	29.00	13.10	13.17	13.23	13.29	0.387	0.379	0.371	0.365	602.00	624.26	653.97	665.72
	30.00	13.16	13.22	13.29	13.34	0.383	0.375	0.368	0.361	620.73	644.69	663.57	689.89
	31.00	13.22	13.28	13.33	13.39	0.380	0.372	0.365	0.358	631.08	655.73	676.05	703.27
	32.00	13.27	13.33	13.39	13.44	0.377	0.369	0.362	0.355	643.65	669.55	691.01	719.48
	33.00	13.32	13.38	13.44	13.49	0.374	0.366	0.359	0.353	658.65	686.15	708.69	723.54
	34.00	13.36	13.43	13.48	13.53	0.372	0.364	0.357	0.350	663.67	691.79	714.56	744.66
	35.00	13.41	13.47	13.52	13.58	0.369	0.362	0.354	0.348	682.96	699.20	737.06	753.68
	36.00	13.45	13.51	13.56	13.61	0.367	0.359	0.352	0.346	691.79	722.37	746.94	764.42
0.15	27.00	12.56	12.62	12.68	12.74	0.436	0.427	0.418	0.410	465.12	481.13	503.13	521.90
	28.00	12.63	12.69	12.75	12.80	0.432	0.422	0.414	0.406	471.72	496.98	511.58	531.66
	29.00	12.69	12.75	12.81	12.86	0.427	0.418	0.409	0.402	488.52	507.11	531.61	544.04
	30.00	12.75	12.81	12.87	12.92	0.423	0.414	0.406	0.398	499.97	519.51	536.17	558.90
	31.00	12.80	12.86	12.92	12.98	0.419	0.410	0.402	0.394	513.55	534.12	552.43	576.47
	32.00	12.85	12.91	12.97	13.03	0.416	0.407	0.399	0.391	520.84	542.78	561.22	585.90
	33.00	12.90	12.96	13.01	13.07	0.413	0.404	0.396	0.388	529.74	552.36	572.20	597.75
	34.00	12.95	13.01	13.06	13.11	0.410	0.401	0.393	0.386	540.47	564.08	584.44	600.82
	35.00	12.99	13.05	13.11	13.16	0.407	0.398	0.390	0.383	553.09	577.60	598.83	616.25
	36.00	13.03	13.09	13.15	13.20	0.405	0.396	0.388	0.381	557.97	582.88	604.77	622.22
0.160	27.00	12.17	12.23	12.29	12.37	0.480	0.469	0.459	0.450	375.62	394.93	351.10	426.83
	28.00	12.23	12.30	12.35	12.41	0.474	0.464	0.454	0.445	389.14	403.26	422.29	459.93
	29.00	12.30	12.36	12.42	12.47	0.469	0.459	0.449	0.441	399.52	414.62	434.54	446.38
	30.00	12.35	12.42	12.48	12.53	0.465	0.454	0.445	0.436	406.15	428.16	442.80	462.29
	31.00	12.41	12.47	12.53	12.59	0.461	0.450	0.441	0.432	414.43	437.32	452.94	473.20
	32.00	12.46	12.52	12.58	12.64	0.457	0.447	0.437	0.429	424.28	441.72	464.87	478.44
	33.00	12.51	12.57	12.63	12.68	0.453	0.443	0.434	0.426	435.75	454.29	471.19	485.47
	34.00	12.55	12.62	12.68	12.73	0.450	0.440	0.431	0.422	442.37	461.57	478.93	502.14
	35.00	12.60	12.66	12.72	12.77	0.447	0.437	0.428	0.420	450.39	470.16	488.36	504.06
	36.00	12.64	12.70	12.76	12.81	0.444	0.434	0.425	0.417	459.57	480.05	499.15	515.55
0.170	27.00	11.79	11.88	11.90	12.00	0.526	0.514	0.503	0.492	263.01	320.93	274.99	352.36
	28.00	11.86	11.95	11.98	12.07	0.520	0.508	0.497	0.487	318.67	330.54	290.68	359.31
	29.00	11.92	11.99	12.04	12.13	0.514	0.502	0.492	0.482	326.14	343.23	303.79	368.09
	30.00	11.98	12.05	12.10	12.18	0.509	0.497	0.487	0.477	333.68	350.86	363.37	378.48
	31.00	12.04	12.10	12.16	12.21	0.504	0.493	0.482	0.473	342.84	356.14	373.96	385.60
	32.00	12.09	12.16	12.21	12.27	0.500	0.488	0.478	0.468	348.92	367.77	381.33	399.09
	33.00	12.14	12.21	12.26	12.32	0.496	0.484	0.474	0.465	356.29	375.96	390.18	402.89
	34.00	12.19	12.25	12.31	12.36	0.492	0.481	0.471	0.461	364.80	380.27	394.74	413.94
	35.00	12.23	12.30	12.36	12.41	0.489	0.477	0.467	0.458	369.69	390.86	406.27	420.32
	36.00	12.27	12.34	12.40	12.45	0.485	0.474	0.464	0.455	380.60	397.31	413.28	427.83