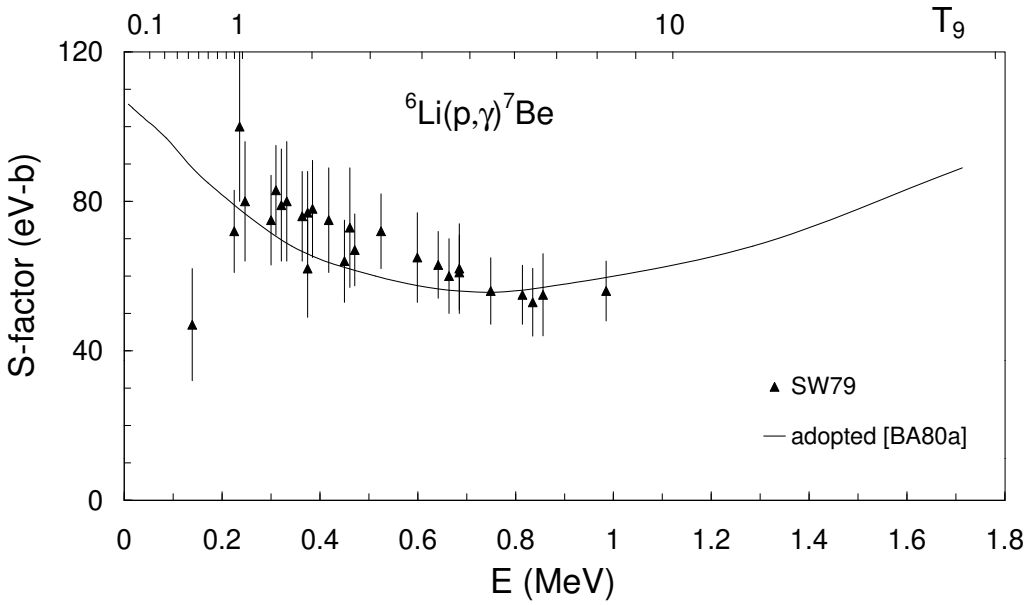
Reaction : ^{6}Li(p,γ)^{7}Be

The non-resonant data from SW79 in the $0.25 \leq E \leq 1$ MeV range are adopted, along with the direct capture calculation of BA80. The zero energy S-factor $S_0 = 65 \pm 10$ eV b from CE92 is omitted, since this value is not presently understood. For $T_9 \leq 1.5$, the adopted rates are higher than the CA88 ones, due to the different S-factor extrapolation at low energies adopted here. The large differences for $T_9 > 5$ are due to a very rapid decrease of the CA88 rates at high temperatures. The CA88 rates are obtained from an exponentially decreasing S-factor which falls below the BA80 estimate above 1 MeV.



T_9	low	adopt	high	exp	ratio	T_9	low	adopt	high	exp	ratio	T_9	low	adopt	high	exp	ratio
0.001	2.88	3.60	4.32	-29	1.9	0.04	1.76	2.20	2.64	-4	1.8	0.5	3.34	4.13	4.91	1	1.3
0.002	6.29	7.86	9.43	-22	1.9	0.05	0.88	1.10	1.32	-3	1.8	0.6	5.43	6.68	7.94	1	1.3
0.003	2.23	2.79	3.35	-18	1.9	0.06	2.98	3.73	4.47	-3	1.8	0.7	7.94	9.75	11.6	1	1.2
0.004	3.82	4.78	5.74	-16	1.9	0.07	7.86	9.82	11.8	-3	1.7	0.8	1.08	1.33	1.57	2	1.2
0.005	1.47	1.84	2.21	-14	1.9	0.08	1.74	2.18	2.61	-2	1.7	0.9	1.40	1.71	2.02	2	1.1
0.006	2.38	2.97	3.56	-13	1.9	0.09	3.40	4.25	5.10	-2	1.7	1	1.75	2.13	2.52	2	1.1
0.007	2.18	2.73	3.27	-12	1.9	0.1	6.03	7.54	9.05	-2	1.7	1.25	2.66	3.24	3.82	2	1.1
0.008	1.35	1.69	2.03	-11	1.9	0.11	0.99	1.24	1.49	-1	1.7	1.5	3.63	4.41	5.19	2	1.0
0.009	6.32	7.90	9.48	-11	1.9	0.12	1.54	1.93	2.31	-1	1.7	1.75	4.65	5.63	6.61	2	1.0
0.01	2.38	2.97	3.57	-10	1.9	0.13	2.28	2.85	3.42	-1	1.7	2	5.65	6.84	8.03	2	1.0
0.011	7.56	9.45	11.3	-10	1.8	0.14	3.24	4.05	4.86	-1	1.6	2.5	7.64	9.24	10.8	2	1.0
0.012	2.10	2.63	3.16	-9	1.9	0.15	4.45	5.57	6.68	-1	1.6	3	0.98	1.18	1.39	3	1.0
0.013	5.25	6.56	7.87	-9	1.9	0.16	5.95	7.44	8.93	-1	1.6	3.5	1.18	1.43	1.68	3	1.1
0.014	1.20	1.49	1.79	-8	1.9	0.18	0.99	1.24	1.49	0	1.6	4	1.38	1.68	1.98	3	1.3
0.015	2.52	3.15	3.78	-8	1.9	0.2	1.53	1.91	2.29	0	1.6	5	1.79	2.18	2.57	3	1.9
0.016	4.99	6.24	7.49	-8	1.8	0.25	3.62	4.52	5.42	0	1.5	6	2.17	2.66	3.14	3	3.2
0.018	1.67	2.08	2.50	-7	1.8	0.3	6.92	8.62	10.3	0	1.5	7	2.54	3.12	3.70	3	6.5
0.02	4.70	5.88	7.05	-7	1.8	0.35	1.15	1.43	1.71	1	1.4	8	2.89	3.56	4.23	3	17
0.025	3.73	4.66	5.60	-6	1.8	0.4	1.75	2.17	2.59	1	1.4	9	3.21	3.96	4.71	3	70
0.03	1.80	2.25	2.70	-5	1.8	0.45	2.48	3.07	3.66	1	1.3	10	3.49	4.32	5.15	3	2800