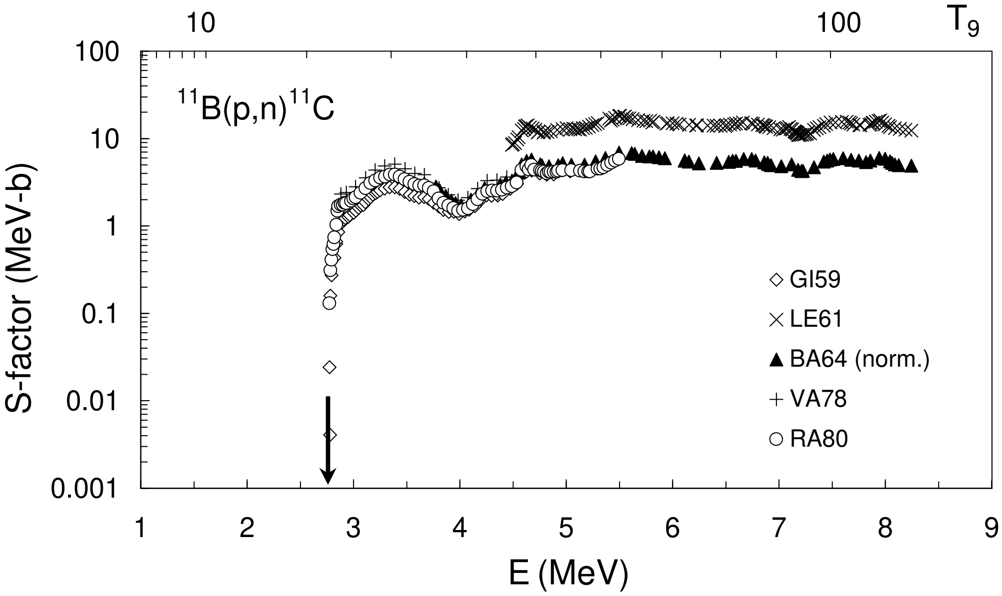
Reaction : ^{11}B(p,n)^{11}C

From the threshold ($Q = -2.765$ MeV) to $E = 3.4$ MeV, the data of VA78 and RA80 are used, normalized to their averaged value of $\sigma = 100 \pm 10$ mb at $E = 3.3$ MeV. These renormalized data are in excellent agreement with the thick target yield data of BA81, which are not used here. Above $E = 3.4$ MeV, the data of LE61 and BA64 are used, normalized to $\sigma = 137$ mb at $E = 4.7$ MeV from VA78 and RA80. The GI59 data are not included, since the authors warned against the quality of the used target. The available experimental data are complete for the calculation of the reaction rates. The recommended reaction rates are larger than the CA88 ones. This may come from the adoption by CA88 of the GI59 data, which are lower than the adopted values by a factor of 2, but no clear statement can be set.



T_9	low	adopt	high	exp	ratio	T_9	low	adopt	high	exp	ratio	T_9	low	adopt	high	exp	ratio
0.45	1.75	1.95	2.14	-23	1.1	1.25	1.64	1.82	2.00	-3	1.6	4	8.47	9.41	10.4	4	1.8
0.5	2.30	2.56	2.82	-20	1.1	1.5	1.23	1.36	1.50	-1	1.6	5	4.17	4.63	5.09	5	1.8
0.6	1.10	1.22	1.35	-15	1.2	1.75	2.68	2.98	3.28	0	1.7	6	1.21	1.34	1.47	6	1.8
0.7	2.42	2.69	2.96	-12	1.3	2	2.71	3.01	3.31	1	1.7	7	2.59	2.87	3.16	6	1.8
0.8	7.79	8.66	9.53	-10	1.4	2.5	6.86	7.62	8.38	2	1.8	8	4.61	5.12	5.63	6	1.8
0.9	6.95	7.73	8.50	-8	1.4	3	5.87	6.53	7.18	3	1.8	9	7.24	8.05	8.85	6	1.8
1	2.53	2.81	3.09	-6	1.5	3.5	2.71	3.01	3.31	4	1.8	10	1.04	1.16	1.27	7	1.8