

Table 16.16 from (1993TI07):
Astrophysical factors for $^{12}\text{C}(\alpha, \gamma)$ ^a

| Reference | $S_{E1}(E_0)$ (MeV·b) | $S_{E2}(E_0)$ (MeV·b) |
|------------|---|--|
| (1987RE02) | $0.20^{+0.27}_{-0.11}$ ^b | $0.096^{+0.024}_{-0.030}$ |
| | $0.09^{+0.10}_{-0.06}, 0.14^{+0.12}_{-0.08}$ ^c | |
| (1987PL03) | 0.20 ± 0.08 ^b | 0.089 ± 0.030 |
| | 0.16 ± 0.10 ^c | |
| (1987BA53) | $0.14^{+0.13}_{-0.05}, 0.18^{+0.16}_{-0.10}$ ^b | $0.03^{+0.05}_{-0.03}$ |
| (1988KR06) | $0.01^{+0.13}_{-0.01}$ ^b | |
| | 0.08 ^c | |
| (1989FI08) | $0.03^{+0.14}_{-0.03}$ ^d | $0.007^{+0.024}_{-0.005}$ ^d |
| (1991BA1K) | $0.15^{+0.17}_{-0.07}, 0.26^{+0.14}_{-0.16}$ ^b | $0.12^{+0.06}_{-0.07}$ |
| (1991HU10) | $0.043^{+0.020}_{-0.016}$ ^d | |

^a We are indebted to Dr. F.C. Barker for providing this list of recent values.

^b 3-level R fitting.

^c Hybrid R fitting.

^d K fitting.