

Table 12.8 from (1990AJ01): Resonances in ${}^9\text{Be}({}^3\text{He}, \gamma){}^{12}\text{C}$ ^a

| $E({}^3\text{He})$ (MeV \pm keV) | Res. | E_x (MeV) | $\Gamma_{\text{c.m.}}$ (MeV) |
|---------------------------------------|----------------------|----------------|---------------------------------|
| 2.55 ^b | γ_0, γ_2 | 28.2 | 1.6 |
| 3.40 ± 40 | γ_0, γ_2 | 28.83 | 1.54 ± 0.09 |
| 5.35 ± 30 | γ_1 | 30.29 | 1.96 ± 0.15 |
| 6.51 ± 30 | γ_0 | 31.16 | 2.10 ± 0.15 |
| 8.02 ± 40 | γ_1, γ_2 | 32.29 | 1.32 ± 0.23 |
| 9.60 ± 210 | γ_1, γ_2 | 33.47 | 1.93 ± 0.05 |

^a See (1980AJ01) for references.

^b $\Gamma_\gamma \geq 11.8$ eV [γ_0], ≥ 4.6 eV [γ_1], ≥ 11.3 eV [γ_2], assuming $J = 1$, $\Gamma({}^3\text{He}) = \Gamma$; $J^\pi = 1^-$; $T = 1$.