

Table 8.11 from (1966LA04): ^8Be levels near 16 MeV

| E_x^a (MeV \pm keV) | Γ (keV) | Reaction | Reference |
|----------------------------|-------------------|---|------------|
| 16.624 \pm 10 | 95 \pm 20 | $^6\text{Li}(^3\text{He}, \text{p})^8\text{Be}$ | (1961ER01) |
| 16.627 \pm 15 | 105 \pm 30 | $^9\text{Be}(^3\text{He}, \alpha)^8\text{Be}$ | (1961ER01) |
| 16.635 \pm 15 | 96 \pm 20 | $^9\text{Be}(^3\text{He}, \alpha)^8\text{Be}$ | (1963DO08) |
| 16.623 \pm 10 | 95 \pm 20 | $^{10}\text{B}(\text{d}, \alpha)^8\text{Be}$ | (1961ER01) |
| 16.64 \pm 15 | | $^7\text{Li}(\text{d}, \text{n})^8\text{Be}$ | (1960DI02) |
| 16.67 | 190 | $^7\text{Li}(\text{d}, \text{n})^8\text{Be}$ | (1957SL01) |
| 16.4 \pm 200 | < 400 | $^{12}\text{C}(\gamma, \alpha)^8\text{Be}$ | (1955GO59) |
| 16.628 \pm 5 | 97 \pm 11 | mean | |
| 16.930 \pm 10 | 85 \pm 20 | $^6\text{Li}(^3\text{He}, \text{p})^8\text{Be}$ | (1961ER01) |
| 16.914 \pm 12 | 88 \pm 25 | $^9\text{Be}(^3\text{He}, \alpha)^8\text{Be}$ | (1961ER01) |
| 16.930 \pm 15 | 80 \pm 15 | $^9\text{Be}(^3\text{He}, \alpha)^8\text{Be}$ | (1963DO08) |
| 16.919 \pm 10 | 85 \pm 20 | $^{10}\text{B}(\text{d}, \alpha)^8\text{Be}$ | (1961ER01) |
| 16.9 \pm 50 | | $^7\text{Li}(\text{d}, \text{n})^8\text{Be}$ | (1960DI02) |
| 16.8 \pm 200 | < 300 | $^{12}\text{C}(\gamma, \alpha)^8\text{Be}$ | (1955GO59) |
| 16.923 \pm 6 | 83 \pm 10 | mean | |
| 17.641 \pm 10 | < 20 | $^6\text{Li}(^3\text{He}, \text{p})^8\text{Be}$ | (1961ER01) |
| 17.636 \pm 10 | < 15 | $^9\text{Be}(^3\text{He}, \alpha)^8\text{Be}$ | (1961ER01) |
| 17.641 \pm 10 | | $^9\text{Be}(^3\text{He}, \alpha)^8\text{Be}$ | (1963DO08) |
| 17.61 | < 20 | $^7\text{Li}(\text{d}, \text{n})^8\text{Be}$ | (1957SL01) |
| 17.639 \pm 6 | | mean | |

^a Based on listed Q_m .