

Table 11.18 from (1980AJ01): Possible $T = \frac{3}{2}$ states in ^{11}B ^a

| Reaction | E_x (MeV \pm keV) | $\Gamma_{\text{c.m.}}$ (keV) | References |
|--|-----------------------|------------------------------|------------|
| $^{10}\text{Be}(p, \gamma)^{11}\text{B}$ | 12.56 ± 30 | 230 ± 65 | (1970GO04) |
| $^{11}\text{B}(^3\text{He}, ^3\text{He})^{11}\text{B}^*$ | 12.51 ± 50 | 260 ± 50 | (1971WA21) |
| | 12.56 ± 30 | 240 ± 50 | “best” |
| $^{10}\text{Be}(p, \gamma)^{11}\text{B}$ | 12.91 ± 20 | 235 ± 27 | (1970GO04) |
| $^{11}\text{B}(^3\text{He}, ^3\text{He})^{11}\text{B}^*$ | 12.98 ± 90 | 390 ± 120 | (1971WA21) |
| $^{13}\text{C}(p, ^3\text{He})^{11}\text{B}$ | 12.94 ± 50 | 350 ± 50 | (1968CO26) |
| $^{13}\text{C}(p, ^3\text{He})^{11}\text{B}$ | 12.91 ± 30 | 260 ± 50 | (1974BE20) |
| | 12.91 ± 20 | 240 ± 30 | “best” |
| $^{10}\text{Be}(p, \gamma)^{11}\text{B}$ | 14.33 ± 20 | 255 ± 36 | (1970GO04) |
| $^{11}\text{B}(^3\text{He}, ^3\text{He})^{11}\text{B}^*$ | 14.40 ± 50 | 220 ± 50 | (1971WA21) |
| | 14.33 ± 20 | 250 ± 40 | “best” |
| $^{10}\text{Be}(p, \gamma)^{11}\text{B}$ | 15.32 ± 100 | 635 ± 180 | (1970GO04) |

^a These states have also been seen in other reactions: see Table 11.3. The parameters shown in that table reflect all the pertinent data. See also Table 11.21 for $T = \frac{3}{2}$ states in ^{11}C .