

Table 8.2 from (1959AJ76):  ${}^7\text{Li}(n, n){}^7\text{Li}$  resonance parameters <sup>a</sup>

|                           | (1956WI04) | (1956TH06, 1958HU18)     |
|---------------------------|------------|--------------------------|
| $E_{\text{res}}$ (keV)    | 256        | $258 \pm 3$ <sup>b</sup> |
| $\Gamma$ (keV)            | 32         | $32$ <sup>c</sup>        |
| $\Gamma_n(E_r)$ (keV)     | 35.8       |                          |
| $\gamma_n^2$ (keV)        | 351        | 307                      |
| $E_\lambda$ (keV)         | -49        | -43                      |
| radius ( $10^{-13}$ cm)   | 4.08       | 4.0                      |
| $\sigma_{\text{max}}$ (b) |            | 12.0                     |

<sup>a</sup> Energies in the laboratory system.

<sup>b</sup>  $E_{\text{res}} = 275$  keV,  $\sigma_{\text{max}} = 7.0 \pm 0.2$  b (1956GO62).

<sup>c</sup>  $35 \pm 5$  keV (1958HU18).