

²⁰Ne(n,2α) [1971Ka18](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu and J. E. Purcell		NDS 198,1 (2024)	1-Aug-2024

[1966Pe08](#): ²⁰Ne(n,2α) E=14.2 MeV; gas-chamber study; analyzed Q.

[1971Ka18](#): ²⁰Ne(n,2α) E=14.3 MeV; ionization chamber active target; measured Q.

¹³C Levels

E(level)	Cross Section (mb)	Comments
0	41.8 <i>8I</i>	Q ₀ =−7.00 MeV 2 (1971Ka18); see also Q=−6.94 MeV (1966Pe08). Cross Section (mb): (1971Ka18 : relative to ¹² C(n,α ₀)=76 mb <i>II</i>).