

$^{66}\text{Zn}(\text{d,t})$ 1960Ze02,1962Ma21

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jun Chen	NDS 202,59 (2025)	25-Feb-2025

1960Ze02,1962Ma21: E=21.6 MeV deuteron beam was produced from the Argonne 60-inch cyclotron. Charged particles were detected with a NaI(Tl) crystal (FWHM \approx 400 keV). Measured $\sigma(\text{E}(\text{t}),\theta)$, $\theta_{\text{cm}}=12^\circ-70^\circ$. Deduced levels, L-transfer from analysis using the Butler theory of direct interactions.

 ^{65}Zn Levels

E(level)	L [†]	Comments
0	1	Multiplet; L=1(+3) reported.
8.6×10^2	10	
$1.4\times 10^3?$	1	
$1.9\times 10^3?$	1	
$2.3\times 10^3?$	1	

[†] From comparison of $\sigma(\theta)$ with Butler theory.