$^{61}\text{Ni}(^3\text{He},^3\text{He}')$ **1968Ru01**

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	ENSDF	20-Jan-2020

No changes made since the 2015 update.
1968Ru01: E=25 MeV. Measured $\sigma(E(^3\text{He}'),\theta)$, 34 angles between 7.5° and 90°, semi.
For $^{61}\text{Ni}(^3\text{He},^3\text{He})$, see 1981Bu26.
For deformation parameters, see 1968Ru01.
$J^\pi(^{61}\text{Ni g.s.})=3/2^-$.

$^{61}\text{Ni Levels}$

E(level)	L†
0	
660	2
1130	2
1460	2

† From DWBA analysis of $\sigma(\theta)$.

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