

$^{62}\text{Ni}({}^3\text{He}, {}^3\text{He}'), ({}^3\text{He}, \text{dp})$ 1966Ru06, 1969Ar10, 1979Fi02

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Alan L. Nichols, Balraj Singh, Jagdish K. Tuli		NDS 113, 973 (2012)	15-Apr-2012

1966Ru06: (${}^3\text{He}, {}^3\text{He}'$) E=24.9 MeV.

1969Ar10: (${}^3\text{He}, {}^3\text{He}'$) E=35.7 MeV.

1979Fi02: (${}^3\text{He}, \text{dp}$) E=30.2 MeV, measured coincidence $\sigma(\text{ED}, \text{E(p)}, \theta(\text{p}))$.

 ^{62}Ni Levels

E(level) [†]	L	Comments
0.0 [‡]		
1173 [‡]	2	$\beta_2=0.22$ (1966Ru06), 0.175 (1969Ar10). E(level): from (${}^3\text{He}, \text{dp}$) (1979Fi02).
2300		
2340 [‡]		
3750	3	$\beta_3=0.14$ (1966Ru06), 0.110 (1969Ar10).
4350		E(level): from 1965Si21.

[†] From 1966Ru06, except as noted.

[‡] Level also In (${}^3\text{He}, \text{dp}$) (1979Fi02).