

$^{37}\text{Cl}(t, ^3\text{He})$ 1970Aj01

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	John Cameron, Jun Chen and Balraj Singh, Ninel Nica		NDS 113, 365 (2012)	15-Jan-2012

1970Aj01: E=20 MeV, NaCl target, measured E(^3He).

 ^{37}S Levels

E(level) [†]	Relative yields [#]
0	90,230
647 15	15,60
1399 [‡] 20	130,110
2020 20	90,50
2775 15	40,150
2978 15	20,100
3262 [‡] 15	10,45
3337 15	20,110
3430 30	30,240

[†] Deduced using known ^{23}Ne peaks from $^{23}\text{Na}(t, ^3\text{He})$.

[‡] Regarded by 1970Aj01 As possibly arising from $^{23}\text{Na}(t, ^3\text{He})^{23}\text{Ne}$ reaction, but level found in other ^{37}S reactions (evaluators).

[#] Estimated by the evaluators from spectral figures in 1970Aj01, the first value at 25° and the second value at 13°.