

$^{80}\text{Se}(\text{p,t})$  1975MaYY,1974BaZO

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Ameenah R. Farhan, Balraj Singh		NDS 110, 1917 (2009)	30-Jun-2009

E=33 MeV; measured  $\sigma(\theta)$ .

Tritons were identified by detector telescopes; the L-transfers deduced from  $\sigma(\theta)$  obtained between  $15^\circ$  and  $90^\circ$ . The authors assigned the following  $J^\pi$ 's to low lying levels:  $0^+$ ,  $2^+$ ,  $2^+$ ,  $0^+$ ,  $4^+$ , and  $3^-$ . The level energies were not given, but based on the other studies, these spins may correspond to g.s., 614, 1309, 1498, 1503, and 2508 levels.

Others:

[1985Mi06](#): E=51.9 MeV; measured  $\sigma(\theta)$  and deduced g.s. transition strength.

[1980Or04](#): E=51.9 MeV; measured  $\sigma(\theta)$  from  $6^\circ$  to  $50^\circ$ , deduced g.s. transition strength, DWBA analysis.

 $^{78}\text{Se}$  Levels

E(level)	$J^\pi$
0	$0^+$