

$^{78}\text{Se}(\alpha, \alpha')$ 1988Ba35

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

1988Ba35, 1982En04: (α, α'), (α, α), measured angular distributions, deduced deformation parameters, harmonic vibrator model (HVM), asymmetric rotor model (ARM) analysis.

Others:

1977MoYQ: (α, α') E=98, 115 MeV, octupole resonances.

1965Be21.

 ^{78}Se Levels

E(level)	$J^{\pi \dagger}$	Comments
0.0	0^+	
614	2^+	$\beta_2=0.308$ (HVM), 0.224 (ARM).
1309	2^+	$\beta_2=0.065$ (HVM).
1503	4^+	$\beta_4=0.035$ (HVM), 0.02 (ARM).
2508	3^-	$\beta_3=0.160$ (HVM).

\dagger From 'Adopted Levels'.