^{172}Yb(p,d) 1972As14,1973Mc03,1974As05

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin, E. A. Mccutchan	NDS 151, 334 (2018)	30-Jun-2018

1972As14, 1973Mc03, 1974As05: E(p)=17.00 MeV; 97% ^{172}Yb target, multigap magnetic spectrograph, θ(c.m.) ≈ 10°−150°, FWHM=10 keV; measured $\sigma(\theta)$; CC and DWBA analyses; deviations of $\sigma(\theta)$ from DWBA predictions attributed to effects of higher-order inelastic processes.

^{171}Yb Levels

E(level)[†]
0[‡]
67[‡]
76[‡]
122[#]
208[#]
230[‡]
247[‡]
317[#]
450[#]

† From 1974As05.
‡ Band(A): 1/2[521] band.
# Band(B): 5/2[512] band.

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Band(B): 5/2[512] band

450

317

Band(A): 1/2[521] band

247

230

208

122

76

67

0

$^{171}_{70}Yb_{101}$