

$^{153}\text{Eu}(\text{p},\text{p}')$ 1978La10

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
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E=12 MeV, magnetic spectrograph with FWHM=7 keV and outgoing protons measured at 10° steps starting at 30°; DWBA and coupled-channel analyses.

From adiabatic coupled-channel analysis, authors deduced values for deformation parameters $\beta_2=0.28$ and $\beta_4=0.06$.

 ^{153}Eu Levels

<u>E(level)[†]</u>	<u>J^π[‡]</u>
0	5/2 ⁺
83	7/2 ⁺
193	9/2 ⁺
325	11/2 ⁺
481	13/2 ⁺

[†] Nominal values from ^{153}Eu Adopted Levels.

[‡] From ^{153}Eu Adopted Levels.