
 $^{241}\text{Pu}(\text{d},\text{d}')$ [1972Br46](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	C. D. Nesaraja	NDS 130, 183 (2015)	30-Sep-2015

Levels observed in (d,d') were not populated in the (d,p),(d,t) transfer reactions. [1972Br46](#) suggest that these levels may be members of a rotational band based on a vibrational state.

[1972Br46](#): ^{241}Pu source that was prepared at Argonne isotope separator was irradiated with 12 MeV deuterons from the Argonne Tandem Van de Graaff accelerator. (d,d') spectra was measured at 140° using a Browne-Buechner spectrograph with FWHM=25 keV.

 ^{241}Pu LevelsE(level)

0
495 *10*
520 *10*
560 *10*
620 *10*