

$^{192}\text{Os}(d,d')$  [1974Ba78,1974ShZE](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Coral M. Baglin	NDS 113, 1871 (2012)	15-Jun-2012

[1974ShZE](#): E(d)=17.0 MeV; osmium targets enriched to 98.7% in  $^{192}\text{Os}$ ; measured E(level) (mag spect, FWHM=8-10 keV), relative cross sections for  $\theta(\text{lab})=40^\circ$  to  $\theta(\text{lab})=110^\circ$ .

[1974Ba78](#): E(d)=3-16 MeV;  $\theta(\text{lab})=130^\circ$ , magnet with proportional counter; measured excitation function for g.s. and 207-level population; observed Coulomb-nuclear interference; deduced deformation lengths.

 $^{192}\text{Os}$  Levels

<u>E(level)<sup>†</sup></u>	<u>Comments</u>
0.0	
207 2	$\beta_2 R=1.02$ 10 ( <a href="#">1974Ba78</a> , both Coulomb and nuclear).
488 2	
580 2	
909 3	
955 3	
1069 4	
1090 4	
1336 3	

<sup>†</sup> Preliminary data from [1974ShZE](#).