

(HI,xn $\gamma$ ) 1990DuZW

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Jean Blachot	NDS 111, 717 (2010)	1-Dec-2009

$^{232}\text{Th}(^{18}\text{O},\text{xn}\gamma)$ . Measured prompt  $\gamma$ -rays emitted by fission fragments from  $^{246}\text{Cf}$  fissioning system. The identification is based on gating on  $2^+ - 0^+$  known transitions and also on the fact that complementary fragments are in coin (Cd,Sn).

 $^{116}\text{Cd}$  Levels

<u>E(level)</u>	<u>J<math>\pi</math><sup>†</sup></u>
0.0	0 <sup>+</sup>
513	2 <sup>+</sup>
1219	4 <sup>+</sup>
2026	6 <sup>+</sup>
2564	(8 <sup>+</sup> )
2779	(10 <sup>+</sup> )

<sup>†</sup> From syst, g.s. band.

 $\gamma(^{116}\text{Cd})$ 

<u>E<math>\gamma</math></u>	<u>E<math>_i</math>(level)</u>	<u>J<math>_i</math><math>\pi</math></u>	<u>E<math>_f</math></u>	<u>J<math>_f</math><math>\pi</math></u>
215	2779	(10 <sup>+</sup> )	2564	(8 <sup>+</sup> )
513	513	2 <sup>+</sup>	0.0	0 <sup>+</sup>
538	2564	(8 <sup>+</sup> )	2026	6 <sup>+</sup>
706	1219	4 <sup>+</sup>	513	2 <sup>+</sup>
807	2026	6 <sup>+</sup>	1219	4 <sup>+</sup>

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