

$^{232}\text{Th}(\text{¹⁸O},\text{xn}\gamma)$ **1990DuZW**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 108,2035 (2007)	30-Mar-2007

$^{232}\text{Th}(\text{¹⁸O},\text{xn}\gamma)$. Measured prompt γ -rays emitted by fission fragments from ^{246}Cf fissioning system.

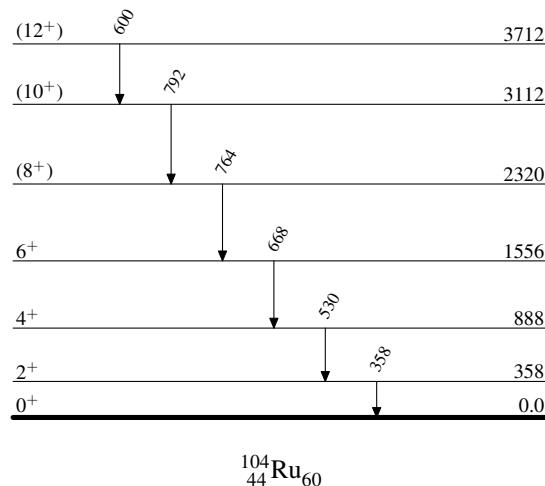
The identification is based on gating on $2^+ - 0^+$ known transitions but also on the fact that complementary fragments are in coin (Cd,Sn).

 ^{104}Ru Levels

E(level)	J^π
0.0	0^+
358	2^+
888	4^+
1556	6^+
2320	(8^+)
3112	(10^+)
3712	(12^+)

 $\gamma(^{104}\text{Ru})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
358	358	2^+	0.0	0^+
530	888	4^+	358	2^+
600	3712	(12^+)	3112	(10^+)
668	1556	6^+	888	4^+
764	2320	(8^+)	1556	6^+
792	3112	(10^+)	2320	(8^+)

$^{232}\text{Th}(^{18}\text{O},\text{xn}\gamma)$ 1990DuZWLevel Scheme $^{104}_{44}\text{Ru}_{60}$