

$^{206}\text{Pb}(^{118}\text{Sn},\text{X}\gamma)$ 2004Vo05

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	C. J. Chiara and F. G. Kondev		NDS 111,141 (2010)	1-Oct-2009

2004Vo05: 400- $\mu\text{g}/\text{cm}^2$ ^{206}Pb target on a C backing; $E(^{118}\text{Sn})=5.14$ and 5.32 MeV/A; position-sensitive PPAC's for charged-particle detection; five Euroball Cluster Ge detectors and Crystal Ball NaI multiplicity filter for γ 's; fragments identified by particle- γ coin, with γ 's from low-lying levels in anti-coin with multiplicity filter to enhance direct population of levels. Coupled-channels and DWBA analyses.

 ^{204}Pb Levels

E(level) [†]	J^π [†]
0	0^+
899.165 25	2^+

[†] From Adopted Levels.

 $\gamma(^{204}\text{Pb})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Comments
899.15 3	899.165	2^+	0	0^+	E_γ : γ used to identify 2n transfer channel, but measured E_γ not quoted; value taken from adopted gammas.

 $^{206}\text{Pb}(^{118}\text{Sn},\text{X}\gamma)$ 2004Vo05Level Scheme