

^{252}Cf SF decay 2000Hw03,2010Hw03

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. K. Basu, A. A. Sonzogni		NDS 114, 435 (2013)	1-Apr-2013

Parent: ^{252}Cf : $E=0.0$; $J^\pi=0^+$; $T_{1/2}=2.645$ y 8; %SF decay=3.092 8

2010Hw03 state that cascades in coincidence with 96.0-keV transition assigned to ^{151}Pr in 2000Hw03 belong to ^{150}Pr , instead, which the authors state will be presented separately. Thus cascades 96.0-82.2-104.0-135.3 and 177.9-87.9-231.2-303.7-384.3-460.9-528.5 in level scheme figure 1b of 2000Hw03 should belong to ^{150}Pr .

1971Ho29 reports three gamma rays associated with ^{150}Pr : 65.5, 74.2 and 109.3 keV. The last one was placed in the level scheme following the Adopted Levels.

 ^{150}Pr LevelsE(level)

0.0
109.3

 $\gamma(^{150}\text{Pr})$

<u>E_γ</u>	<u>$E_i(\text{level})$</u>	<u>E_f</u>
109.3	109.3	0.0

 ^{252}Cf SF decay 2000Hw03,2010Hw03Level Scheme