

$^{127}\text{I}(\mu^-, \text{NU6NG})$  2007Me09

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	S. Ohya	NDS 111, 1619 (2010)	20-Jan-2009

The  $\mu^-$  beam obtained from decay of  $\pi^-$  beam at 90 MeV/c. Measured  $\gamma$ -ray yields using two HPGe detectors.

 $^{121}\text{Te}$  Levels

E(level) <sup>†</sup>	J <sup>π</sup> <sup>†</sup>	Percent yield per muon capture
0.0	1/2 <sup>+</sup>	
212.191 17	3/2 <sup>+</sup>	7.8 19

<sup>†</sup> From Adopted Levels.

 $\gamma(^{121}\text{Te})$ 

E <sub>γ</sub> <sup>†</sup>	I <sub>γ</sub> <sup>‡</sup>	E <sub>i</sub> (level)	J <sub>i</sub> <sup>π</sup>	E <sub>f</sub>	J <sub>f</sub> <sup>π</sup>
212.19 3	1.0 5	212.191	3/2 <sup>+</sup>	0.0	1/2 <sup>+</sup>

<sup>†</sup> From adopted gammas.

<sup>‡</sup> Percent  $\gamma$ -ray yield, not corrected for known cascading.

 $^{127}\text{I}(\mu^-, \text{NU6NG})$  2007Me09Level Scheme

Intensities: Percent  $\gamma$ -ray yield/muon capture

