^{127}I(μ,xnγ) 2007Me09,1971Ba10

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. Katakura, Z. D. Wu	NDS 109, 1655 (2008)	1-Apr-2008

1971Ba10: μ from CERN synchrocyclotron, Ge(Li).
2007Me09: μ from 90 MeV/c pion at TRIUMF; measured γ with HPGe.

^{124}Te Levels

E(level)
0.0
602.73 *4*
1248.59 *6*
1325.52 *8*
1746.97
1957.90
2039.30
2091.62

γ(^{124}Te)

E_γ	I_γ[†]	E_i(level)	E_f
498.38	1.3 *3*	1746.97	1248.59
602.73 *4*	14.9 *16*	602.73	0.0
645.86 *4*	4.7 *4*	1248.59	602.73
709.30	0.4 *2*	1957.90	1248.59
713.78	0.3 *2*	2039.30	1325.52
722.79 *7*	0.6 *4*	1325.52	602.73
790.71	<0.3	2039.30	1248.59
1355.18	0.5 *3*	1957.90	602.73
1436.56	<0.6	2039.30	602.73
1488.88	1.3 *8*	2091.62	602.73

[†] From 2007Me09; the values are 100 μ capture.

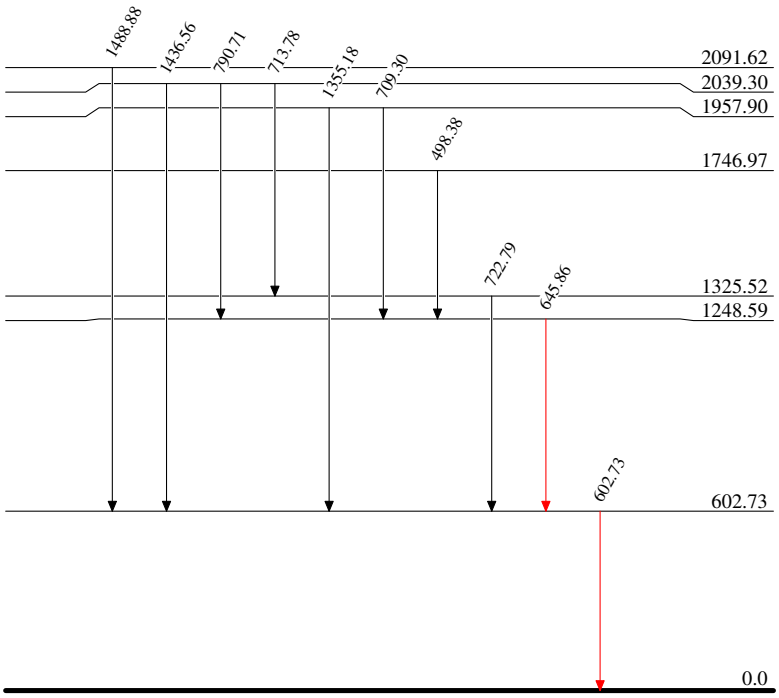
^{127}I(μ,xnγ) 2007Me09,1971Ba10

Legend

$I_\gamma < 2\% \times I_\gamma^{max}$
$I_\gamma < 10\% \times I_\gamma^{max}$
$I_\gamma > 10\% \times I_\gamma^{max}$

Level Scheme

Intensities: $I_{(\gamma+ce)}$ per 100 decays through this branch



$^{124}_{52}Te_{72}$