^{158}Pm IT decay 2015YoZX,2015YoZY

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	N. Nica	NDS 141, 1 (2017)	1-Feb-2017

Parent: ^{158}Pm: E=121+x; $T_{1/2}$>16 μs; %IT decay≤100.0

2015YoZX, 2015YoZY: see description in Adopted Levels, Gammas.

^{158}Pm Levels

E(level)	$T_{1/2}$	Comments
x		If the 121γ is unique then x=0 and this level is the g.s.
121+x	>16 μs	%IT=? E(level): 2015YoZX and 2015YoZY made no comment about the isomeric state energy, or whether the 121γ is unique, therefore x ≥ 0. $T_{1/2}$: from delayed γ-ray measurement with time window 16 μs by 2015YoZX and 2015YoZY. Both references state that $T_{1/2}$ is much greater than 16 μs.

$\gamma(^{158}Pm)$

E_γ	E_i(level)	E_f	Comments
121	121+x	x	E_γ: measured by 2015YoZX and 2015YoZY.

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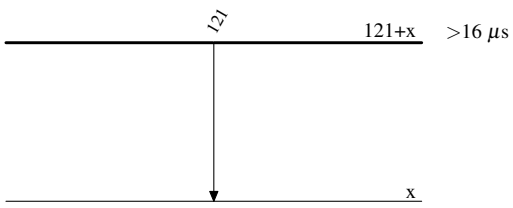
Decay Scheme

%IT≤100.0



$^{158}_{61}Pm_{97}$