

Adopted Levels

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Coral M. Baglin	NDS 134, 149 (2016)	15-Apr-2015

$Q(\beta^-)=3.570\times 10^3$ *l*o; $S(n)=5.91\times 10^3$ *S*Y; $Q(\alpha)=-540$ *S*Y [2012Wa38](#)

Uncertainty In $S(n)$, $Q(\alpha)$ is 220, 510, respectively ([2012Wa38](#)). $S(p)=7870$ is calculated by [1997Mo25](#).

 ^{183}Lu Levels

<u>E(level)</u>	<u>J^π</u>	<u>$T_{1/2}$</u>	<u>Comments</u>
0.0	$(7/2^+)$	58 s 4	$\% \beta^- = 100$ $T_{1/2}$: from decay curve for $K\alpha$ x ray(Hf) in ^{183}Lu β^- decay (1983Ry01). J^π : systematics of odd-A Lu with $A \geq 167$ favor a $7/2[404]$ g.s. for ^{183}Lu .