

^{163}Re α decay (390 ms) [1997Da07](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	C. W. Reich	NDS 113, 157 (2012)	31-Dec-2010

Parent: ^{163}Re : $E=0$; $J^\pi=1/2^+$; $T_{1/2}=390$ ms 72; $Q(\alpha)=6017$ 7; $\% \alpha$ decay=32 3

^{163}Re - $Q(\alpha)$: From [2009AuZZ](#) (and [2003Au03](#)).

^{163}Re - $T_{1/2}$: [Additional information 1](#).

^{163}Re - $\% \alpha$ decay: from $\% \alpha=32$ 3 ([1997Da07](#)).

[Additional information 2](#).

 ^{159}Ta Levels

<u>E(level)</u>	<u>J^π</u>	<u>Comments</u>
0.0	$1/2^+$	J^π : fed by a (favored) α transition from ^{163}Re (390 ms).

 α radiations

<u>$E\alpha$</u>	<u>E(level)</u>	<u>Comments</u>
5870 5	0.0	$E\alpha$: from 1997Da07 .