

$^{165}\text{Ta}$   $\varepsilon+\beta^+$  decay (31.0 s) [1982Li17](#),[1982Br15](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh and Jun Chen		NDS 194,460 (2024)	31-Oct-2022

Parent:  $^{165}\text{Ta}$ :  $E=0.0$ ;  $J^\pi=(9/2^-)$ ;  $T_{1/2}=31.0$  s 15;  $Q(\varepsilon)=5790$  30;  $\% \varepsilon + \% \beta^+$  decay=100

$^{165}\text{Ta}$ - $J^\pi, T_{1/2}$ : From  $^{165}\text{Ta}$  Adopted Levels.

$^{165}\text{Ta}$ - $Q(\varepsilon)$ : From [2021Wa16](#).

[1982Li17](#): measured  $\gamma$ , K x-rays.

[1982Br15](#): measured  $\gamma$ .

No level scheme has been proposed.

 $\gamma(^{165}\text{Hf})$ 

$E_\gamma$	Comments
$^{x22.5^\dagger}$	
$^{x94.1^{\ddagger} 4}$	$E_\gamma$ : $\gamma$ not reported in <a href="#">1982Li17</a> .
$^{x162.8^{\ddagger} 4}$	$E_\gamma$ : other: 162.6 ( <a href="#">1982Li17</a> ).
$^{x311.0^\dagger}$	

$^\dagger$  From [1982Li17](#).

$^\ddagger$  From [1982Br15](#).

$^x$   $\gamma$  ray not placed in level scheme.