
 ^{185}Pt α decay [1995Bi01](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	S. -c. Wu	NDS 106, 367 (2005)	31-Aug-2005

Parent: ^{185}Pt : E=103.41 5; $J^\pi=1/2^-$; $T_{1/2}=33.0$ min 8; $Q(\alpha)=4440$ 50; % α decay=0.0010 4

[1995Bi01](#),[1991Bi04](#): Mass-separated source produced by 153-MeV ^{12}C on Ta targets at UNISOR.

 ^{181}Os Levels

<u>E(level)</u>	<u>J^π</u>
0.0	$1/2^-$

 α radiations

Assignment to ^{185}Pt (70.9 min) or ^{185}Pt (33.0 min) is uncertain. If from 70.9 min decay decay, %BR=0.0050 20 and HF=0.6. If from 33.0 min decay, %BR=0.0010 4 and HF=1.3.

<u>$E\alpha$</u>	<u>E(level)</u>	<u>HF</u>
4444 10	0.0	1.3