^{205}Ra α decay (210 ms) 1996Le09,1987He10

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 187,355 (2023)	20-Sep-2022

Parent: ^{205}Ra: E=0.0; J^π=(3/2$^-$); $T_{1/2}$=210 ms *+60−40*; Q(α)=7486 *20*; %α decay≈100
^{205}Ra-J^π,$T_{1/2}$: From 2020Ko17.
^{205}Ra-Q(α): From 2021Wa16.
^{205}Ra-%α decay: From 2020Ko17.

^{201}Rn Levels

E(level)	J^π[†]	$T_{1/2}$[†]
0.0	(3/2$^-$)	7.0 s *4*

[†] From Adopted Levels.

α radiations

Eα	E(level)	Iα[‡]	HF[†]	Comments
7340 *20*	0.0	≈100	≈1.4	Eα: From 1996Le09. Others: 7350 keV *25* (1995Le15), 7355 keV *10* (1995Le04) and 7360 keV *20* (1987He10).

[†] Using $r_0(^{201}Rn)$=1.528 *4*, weighted average of $r_0(^{200}Rn)$=1.525 *14* and $r_0(^{202}Rn)$=1.5287 *42* (2020Si16).
[‡] For absolute intensity per 100 decays, multiply by ≈1.0.