

$^{170}\text{Au}$  p decay (0.29 ms) 2004Ke06

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 109, 2033 (2008)	15-Jun-2008

Parent:  $^{170}\text{Au}$ :  $E=0.0$ ;  $J^\pi=(2^-)$ ;  $T_{1/2}=0.29$  ms  $+5-4$ ;  $Q(p)=1474$  15; %p decay=89 10

$^{170}\text{Au}$ -%p decay: From 2004Ke06.

$^{170}\text{Au}$  parent  $T_{1/2}=0.29$  ms  $+5-4$  and %p=89 10 from 2004Ke06.

2004Ke06 (supersedes 2002KeZZ,2002LeZZ): source from  $^{96}\text{Ru}(^{78}\text{Kr},p3n)$ ,  $E(^{78}\text{Kr})=385$  MeV; tof and energy-loss gas detector and position-sensitive focal plane detector; observed correlated recoil-proton- $\alpha$  decay chain; measured  $T_{1/2}$ ,  $E(p)$ , %p for  $^{170}\text{Au}$  p decay.

 $^{169}\text{Pt}$  Levels

<u>E(level)</u>	<u><math>J^\pi</math>†</u>
0.0	(7/2 <sup>-</sup> )

† From Adopted Levels.

Protons ( $^{169}\text{Pt}$ )

<u>E(p)</u>	<u><math>E(^{169}\text{Pt})</math></u>	<u>L</u>	<u>Comments</u>
1463 12	0.0	2	$E(p)$ : from 2004Ke06.