

^{174}Os ε decay [1972Be89](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, Huo Junde		NDS 87, 15 (1999)	1-Nov-1998

Parent: ^{174}Os : $E=0.0$; $J^\pi=0^+$; $T_{1/2}=44$ s 4; $Q(\varepsilon)=3700$ SY; $\% \varepsilon + \% \beta^+$ decay=100.0
 Activity produced by 1-GeV proton bombardment of Hg targets.

 ^{174}Re Levels

E(level)	$T_{1/2}$	Comments
0.0	2.3 min 1	$T_{1/2}$: average of 2.2 min 2 (1973Be67 , 1972Be89) and 2.40 min 15 (1977Ha24).

 $\gamma(^{174}\text{Re})$

γ rays follow ε and/or α decay of ^{174}Os .

E_γ	I_γ	$E_i(\text{level})$
x118	100	
$^x138^\dagger$	25	
x158	15	
x302	26	
x325	43	
x372	20	
$^x387.5^\dagger$	10	

† γ ray is uncertain.

x γ ray not placed in level scheme.