

$^{151}\text{Yb}$        $Z = 70$        $N = 81$       adopted link      ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 1205.547 ( 0.300) MeV

Qbeta+ = 9.229 ( 0.301) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-2.641 ( 0.303)				
151YB 1				0.000 (1/2+)	1 1.6 S 1

S-p	= 2.397 ( 0.336)	-----			
S-n	= 10.797 ( 0.425)	-----			
S-2p	= 2.379 ( 0.302)	-----			
S-2n	= 24.424 ( 0.423)	-----			
S-alpha=	-2.641 ( 0.303)	-----			

S+p	= 0.795 ( 0.337)
S+n	= -12.799 ( 0.336)
S+2p	= -0.399 ( 0.429)
S+2n	= -21.819 ( 0.337)
S+alpha	= 4.848 ( 0.432)

gap p	= 3.192 ( 0.476)
gap n	= -2.002 ( 0.541)
gap 2p	= 1.980 ( 0.524)
gap 2n	= 2.605 ( 0.541)
gap alpha	= 2.207 ( 0.527)