

$^{253}\text{Bk}$        $Z = 97$        $N = 156$       adopted link      ENSDF link

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

BE      =      1885.103 (-0.253) MeV

Qbeta- =      1.751 ( 0.253) MeV

	Energy T	J+	J-	J-other	T1/2
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S-p	=	5.183	(-0.357)	-----	-----
S-n	=	5.435	(-0.357)	-----	-----
S-2p	=	0.000	(-0.000)	-----	-----
S-2n	=	10.318	(-0.253)	-----	-----
S-alpha	=	-5.464	(-0.355)	-----	-----
S+p	=	-7.000	(-0.253)		
S+n	=	-4.657	(-0.359)		
S+2p	=	-11.542	(-0.253)		
S+2n	=	0.000	(-0.000)		
S+alpha	=	5.945	(-0.573)		
gap p	=	-1.817	( 0.438)		
gap n	=	0.778	( 0.506)		
gap 2p	=	0.000	( 0.000)		
gap 2n	=	0.000	( 0.000)		
gap alpha	=	0.481	( 0.674)		