

^{132}Sm $Z = 62$ $N = 70$ adopted link ENSDF link

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

BE = 1072.104 (-0.264) MeV

Qbeta+ = 6.478 (0.295) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-2.848	(-0.368)			
132SM 1	0.000	0+			1 4.0 S 3
132SM 2				0.131 (2+)	2
132SM 3				0.417 (4+)	3
132SM 4				0.833 (6+)	4
132SM 5				1.354 (8+)	5
132SM 6				1.962 (10+)	6
132SM 7				2.647 (12+)	7

S-p =	2.751	(-0.372)			

S-2p =	3.177	(-0.265)			
132SM 8				3.408 (14+)	8
132SM 9				4.245 (16+)	9

S-p =	2.751	(-0.372)			
S-n =	12.969	(-0.473)			
S-2p =	3.177	(-0.265)			
S-2n =	23.654	(-0.471)			
S-alpha=	-2.848	(-0.368)			

S+p =	0.656	(-0.375)			
S+n =	-10.117	(-0.375)			
S+2p =	-0.968	(-0.481)			
S+2n =	-22.274	(-0.296)			
S+alpha =	3.696	(-0.379)			

gap p =	3.407	(0.528)			
gap n =	2.852	(0.604)			
gap 2p =	2.209	(0.549)			
gap 2n =	1.380	(0.556)			
gap alpha =	0.848	(0.528)			