

^{131}Sm $Z = 62$ $N = 69$ adopted link ENSDF link

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

BE = 1059.135 (-0.393) MeV

Qbeta+ = 9.436 (0.472) MeV

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

S-alpha=	-3.195	(-0.468)			
131SM	1			0.000	1 1.2 S 2

S-p	=	2.105	(-0.471)		
S-n	=	10.685	(-0.554)		
S-2p	=	2.496	(-0.470)		
S-2n	=	24.168	(-0.649)		
S-alpha=	=	-3.195	(-0.468)		

S+p	=	0.759	(-0.558)		
S+n	=	-12.969	(-0.473)		
S+2p	=	-0.343	(-0.661)		
S+2n	=	-23.086	(-0.475)		
S+alpha	=	3.651	(-0.564)		

gap p	=	2.864	(0.730)		
gap n	=	-2.284	(0.728)		
gap 2p	=	2.153	(0.811)		
gap 2n	=	1.082	(0.804)		
gap alpha	=	0.456	(0.733)		