

^{129}Pm $Z = 61$ $N = 68$ adopted link ENSDF link

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

BE = 1046.706 (-0.258) MeV

Qbeta+ = 9.151 (0.365) MeV

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

S-alpha=	-2.465	(-0.359)			
129PM	1			0.000 (5/2-)	1 2.4 S 9

S-p	=	0.050	(-0.363)		
S-n	=	13.106	(-0.363)		
S-2p	=	3.274	(-0.362)		
S-2n	=	24.102	(-0.460)		
S-alpha=	=	-2.465	(-0.359)		

S+p	=	-1.744	(-0.468)		
S+n	=	-10.324	(-0.366)		
S+2p	=	-0.770	(-0.470)		
S+2n	=	-22.647	(-0.368)		
S+alpha	=	3.554	(-0.371)		

gap p	=	-1.694	(0.592)		
gap n	=	2.782	(0.516)		
gap 2p	=	2.504	(0.593)		
gap 2n	=	1.455	(0.589)		
gap alpha	=	1.089	(0.516)		