

$^{129}\text{Nd}$        $Z = 60$        $N = 69$       adopted link      ENSDF link

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

BE      =    1056.639 (-0.258) MeV

Qbeta+ =      7.394 ( 0.260) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-1.907	(-0.359)			
129ND	1			0.000 (5/2+)	1 6.7 S 4
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S-p	=	3.338	(-0.260)		
S-n	=	9.983	(-0.363)		
S-2p	=	4.978	(-0.260)		
S-2n	=	22.605	(-0.362)		
S-alpha=	=	-1.907	(-0.359)		
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S+p	=	-0.391	(-0.366)		
S+n	=	-12.288	(-0.260)		
S+2p	=	-2.496	(-0.470)		
S+2n	=	-21.531	(-0.259)		
S+alpha	=	2.714	(-0.371)		
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gap p	=	2.947	( 0.449)		
gap n	=	-2.305	( 0.447)		
gap 2p	=	2.482	( 0.537)		
gap 2n	=	1.074	( 0.445)		
gap alpha	=	0.807	( 0.516)		