

$^{40}\text{Al}$        $Z = 13$        $N = 27$       adopted link      ENSDF link

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

BE = 283.880 (-0.280) MeV

Qbeta- = 23.135 ( 0.305) MeV

	Energy T	J+	J-	J-other	T1/2	
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40AL	1			0.000	1 260 NS	GT
S-p	=	21.254	(-0.579)	-----		
S-n	=	0.740	(-0.419)	-----		
S-2p	=	47.672	(-0.774)	-----		
S-2n	=	3.820	(-0.319)	-----		
S-alpha	=	19.532	(-0.739)	-----		
S+p	=	-22.882	(-0.401)			
S+n	=	-2.300	(-0.496)			
S+2p	=	-42.288	(-0.296)			
S+2n	=	-2.938	(-0.577)			
S+alpha	=	-20.112	(-0.485)			
gap p	=	-1.628	( 0.704)			
gap n	=	-1.560	( 0.650)			
gap 2p	=	5.384	( 0.829)			
gap 2n	=	0.882	( 0.659)			
gap alpha	=	-0.580	( 0.884)			