

$^{29}\text{S}$        $Z = 16$        $N = 13$       adopted link      ENSDF link

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

BE = 224.645 ( 0.013) MeV

Qbeta+ = 13.858 ( 0.013) MeV

	Energy T	J+	J-	J-other	T1/2
29S	1			0.000 (5/2+)	1 188 MS 4
29S	2			1.222 (1/2+)	2
29S	3			1.727 (7/2+)	3
29S	4			2.887 (5/2+)	4
S-p	= 3.236 ( 0.013)	-----			
S-2p	= 5.288 ( 0.013)	-----			
29S	5			7.400	5
S-alpha=	9.347 ( 0.016)	-----			
29S	6			10.000	6
29S	7			0.000 (5/2+)	7
S-p	= 3.236 ( 0.013)	-----			
S-n	= 15.239 ( 0.161)	-----			
S-2p	= 5.288 ( 0.013)	-----			
S-2n	= 36.725 ( 0.405)	-----			
S-alpha=	9.347 ( 0.016)	-----			
S+p	= 0.480 ( 0.027)				
S+n	= -19.036 ( 0.013)				
S+2p	= -0.167 ( 0.186)				
S+2n	= -32.091 ( 0.013)				
S+alpha	= -8.715 ( 0.013)				
gap p	= 3.716 ( 0.030)				
gap n	= -3.797 ( 0.161)				
gap 2p	= 5.121 ( 0.187)				
gap 2n	= 4.634 ( 0.405)				
gap alpha	= 0.632 ( 0.021)				