

$^{45}\text{S}$        $Z = 16$        $N = 29$       adopted link      ENSDF link

Based on ensdf\_240402 (Apr 2024), and mass evaluation from 2020

BE = 354.015 (-0.315) MeV

Qbeta- = 14.939 ( 0.343) MeV

	Energy T	J+	J-	J-other	T1/2
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45S	1			0.000	1 68 MS 2

S-p = 21.727 (-0.506) -----  
S-n = 2.190 (-0.315) -----  
S-2p = 42.222 (-0.499) -----  
S-2n = 7.270 (-0.315) -----  
S-alpha= 18.957 (-0.426) -----

S+p = -17.701 (-0.330)  
S+n = -4.095 (-0.520)  
S+2p = -36.622 (-0.315)  
S+2n = -5.629 (-0.527)  
S+alpha = -16.157 (-0.503)

gap p = 4.026 ( 0.604)  
gap n = -1.905 ( 0.608)  
gap 2p = 5.600 ( 0.590)  
gap 2n = 1.641 ( 0.614)  
gap alpha = 2.800 ( 0.659)