

^{58}Zn $Z = 30$ $N = 28$ adopted link ENSDF link

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

BE = 486.965 (0.050) MeV

Qbeta+ = 9.369 (0.050) MeV

	Energy T	J+	J-	J-other	T1/2
58ZN 1	0.000	0+			1 86.7 MS 24
58ZN 2				1.356 (2+)	2
S-p	= 2.279 (0.050)				
58ZN 3				2.499 (4+)	3
58ZN 4				2.609 (2+)	4
58ZN 5				2.862 (2+)	5
58ZN 6				2.902 (1+)	6
S-2p	= 2.969 (0.050)				
58ZN 7				3.263 (2+)	7
58ZN 8				3.378 (3+)	8
S-p	= 2.279 (0.050)				
S-n	= 17.798 (0.233)				
S-2p	= 2.969 (0.050)				
S-2n	= 33.029 (0.395)				
S-alpha	= 5.445 (0.050)				
S+p	= 1.277 (0.184)				
S+n	= -12.988 (0.050)				
S+2p	= 0.185 (0.304)				
S+2n	= -28.018 (0.050)				
S+alpha	= -2.253 (0.134)				
gap p	= 3.556 (0.191)				
gap n	= 4.810 (0.239)				
gap 2p	= 3.154 (0.308)				
gap 2n	= 5.011 (0.398)				
gap alpha	= 3.192 (0.143)				