

^{32}Ne $Z = 10$ $N = 22$ adopted link ENSDF link

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

BE = 213.472 (-0.512) MeV

Qbeta- = 18.347 (0.513) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|--------|----------|----|----|------------|------------|
| 32NE 1 | 0.000 | 0+ | | | 1 3.5 MS 9 |
| 32NE 2 | | | | 0.722 (2+) | 2 |

S-p = 27.131 (-0.735)-----
 S-n = 2.266 (-0.577)-----
 S-2p = 0.000 (-0.000)-----
 S-2n = 2.436 (-0.571)-----
 S-alpha= 17.512 (-0.867)-----

S+p = -20.496 (-0.682)
 S+n = 1.084 (-0.784)
 S+2p = -43.241 (-0.512)
 S+2n = -0.286 (-0.723)
 S+alpha = -19.031 (-0.859)

gap p = 6.635 (1.002)
 gap n = 3.350 (0.974)
 gap 2p = 0.000 (0.000)
 gap 2n = 2.150 (0.921)
 gap alpha = -1.519 (1.221)