

^{63}As $Z = 33$ $N = 30$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 516.159 (-0.189) MeV

Qbeta+ = 13.495 (0.190) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|----------|----------|----------|-------|---------|------------|
| S-alpha= | -12.197 | (-0.191) | | | |
| S-p | -1.517 | (-0.193) | | | |
| 63AS | 1 | | 0.000 | 3/2- | 1 43 NS LT |
| 63AS | 2 | | | 0.000 | 2 43 NS LT |

S-p = -1.517 (-0.193) -----

S-n = 17.121 (-0.363) -----

S-2p = 0.893 (-0.190) -----

S-2n = 32.429 (-0.359) -----

S-alpha= -12.197 (-0.191) -----

S+p = -0.641 (-0.546)

S+n = -14.388 (-0.219)

S+2p = 2.399 (-0.553)

S+2n = -29.465 (-0.194)

S+alpha = -1.461 (-0.328)

gap p = -2.158 (0.579)

gap n = 2.733 (0.424)

gap 2p = 3.292 (0.585)

gap 2n = 2.964 (0.408)

gap alpha = -13.658 (0.380)