

^{68}As $Z = 33$ $N = 35$ adopted link ENSDF link

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

BE = 581.927 (0.002) MeV

Qbeta+ = 8.084 (0.003) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|----------|----------------|------|------------|-----------|-----------------|
| ----- | | | | | |
| 68AS 1 | 0.000 | 3+ | | | 1 151.6 S 8 |
| 68AS 2 | 0.158 | 3+ | | | 2 5 NS LT |
| 68AS 3 | 0.161 | (2+) | | | 3 10 NS LT |
| 68AS 4 | 0.214 | 4+ | | | 4 5 NS LT |
| 68AS 5 | 0.313 | 3+ | | | 5 5 NS LT |
| 68AS 6 | 0.353 | 1+ | | | 6 |
| 68AS 7 | 0.363 | 1+ | | | 7 |
| 68AS 8 | 0.425 | 1+ | | | 8 107 NS +23-16 |
| 68AS 9 | 0.500 | 4+ | | | 9 5 NS LT |
| 68AS 10 | 0.550 | 4+ | | | 10 5 NS LT |
| ----- | | | | | |
| 68AS 11 | | | | 0.583 | 11 |
| 68AS 12 | 0.733 | 5+ | | | 12 5 NS LT |
| 68AS 13 | | | 0.893 4(-) | | 13 5 NS LT |
| 68AS 14 | | | 0.965 5(-) | | 14 5 NS LT |
| 68AS 15 | | | 1.214 6(-) | | 15 5 NS LT |
| 68AS 16 | | | 1.304 7(-) | | 16 5 NS LT |
| 68AS 17 | | | 1.323 6(-) | | 17 5 NS LT |
| 68AS 18 | | | 1.428 6(-) | | 18 5 NS LT |
| 68AS 19 | | | 1.571 (6-) | | 19 19 NS 3 |
| 68AS 20 | | | | 1.762 | 20 |
| ----- | | | | | |
| 68AS 21 | | | 1.850 7(-) | | 21 |
| 68AS 22 | | | 1.859 (7-) | | 22 5 NS LT |
| 68AS 23 | | | 1.955 7(-) | | 23 5 NS LT |
| 68AS 24 | | | | 2.058 | 24 5 NS LT |
| 68AS 25 | | | 2.094 8(-) | | 25 5 NS LT |
| 68AS 26 | 2.158 | 9(+) | | | 26 36 NS 2 |
| 68AS 27 | | | | 2.251 (7) | 27 5 NS LT |
| 68AS 28 | | | 2.302 8(-) | | 28 5 NS LT |
| 68AS 29 | | | | 2.474 8 | 29 5 NS LT |
| ----- | | | | | |
| S-alpha= | 2.487 (0.002) | | | | |
| 68AS 30 | | | | 2.659 | 30 |
| ----- | | | | | |
| 68AS 31 | | | 2.830 9(-) | | 31 5 NS LT |
| 68AS 32 | | | | 2.933 | 32 |
| 68AS 33 | | | | 2.939 9 | 33 5 NS LT |
| 68AS 34 | | | 2.983 9(-) | | 34 |
| 68AS 35 | | | | 3.127 | 35 5 NS LT |

