^{36}S $Z = 16$ $N = 20$ link to full NNDC output

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 308.714 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
36S 1	0.000	0+			1 STABLE
36S 2	3.291	2+			2 83 FS 7
36S 3	3.346	0+			3 8.8 NS 2
36S 4			4.193 3-		4 0.62 PS 7
36S 5	4.523	1+			5 0.017 PS 8
36S 6	4.575	2+			6 55 FS 10
36S 7			5.022 4-		7
36S 8			5.206 5-		8
36S 9			5.251 3-		9 70 FS 30
36S 10				5.338	10
36S 11	5.391	2+			11 0.2 PS GT
36S 12	5.462	3+			12
36S 13				5.509 (2,4)	13 0.19 PS 4
36S 14			5.573 1-		14 0.14 PS LT
36S 15				5.781	15
36S 16			5.831 3-		16
36S 17			6.187 3-		17 55 FS 20
36S 18	6.225	2+			18 20 FS LT
36S 19				6.350	19
36S 20			6.472 1-		20
36S 21	6.514	4+			21 0.2 PS LT
36S 22				6.553	22
36S 23				6.690 (6+)	23
36S 24				7.120 (1,2)+	24 0.2 PS LT
36S 25				7.272 (3-,4-,5-)	25
36S 26				7.710	26

S-p = 13.095 (0.002)
S-n = 9.889 (0.000)
S-2p = 25.285 (0.014)
S-2n = 16.875 (0.000)
S-alpha= 9.011 (0.000)

S+p = -8.386 (0.000)
S+n = -4.304 (0.000)
S+2p = -18.629 (0.000)
S+2n = -12.340 (0.007)
S+alpha = -6.801 (0.000)

```
gap p     =   4.709 ( 0.002)
gap n     =   5.586 ( 0.000)
gap 2p    =   6.657 ( 0.014)
gap 2n    =   4.535 ( 0.007)
gap alpha =   2.211 ( 0.000)
```