

^{35}S $Z = 16$ $N = 19$ adopted link ENSDF link

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

BE = 298.825 (0.000) MeV

Qbeta- = 0.167 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
35S	1	0.000	3/2+		1 87.37 D 4
35S	2	1.572	1/2+		2 2.3 PS 4
35S	3			1.991 7/2-	3 1.02 NS 5
35S	4			2.348 3/2-	4 0.81 PS 14
35S	5	2.717	5/2+		5 69 FS 24
35S	6	2.939	3/2+		6
35S	7	3.421	5/2+		7 70 FS LT
35S	8			3.558 (3/2-,5/2+)	8
35S	9			3.595 (1/2:7/2)+	9
35S	10			3.675 (1/2-,3/2-)	10
35S	11		3.802 3/2-		11 25 FS 18
35S	12			3.818 (3/2:9/2)-	12
35S	13			3.866	13
35S	14			3.885 (3/2-,5/2)	14
35S	15			3.891 (3/2-,5/2)	15
35S	16			4.022 (3/2-:11/2-)	16
35S	17			4.026 (1/2:5/2)+	17
35S	18			4.106 (1/2,3/2,5/2)+	18 55 FS LT
35S	19			4.180 (1/2,3/2,5/2+)	19
35S	20		4.189 1/2-		20 35 FS LT
35S	21			4.303 (1/2:5/2,7/2-)	21
35S	22			4.478 (1/2,3/2,5/2)+	22 62 FS LT
35S	23			4.576 (1/2:5/2)+	23
35S	24			4.617	24
35S	25			4.839 (1/2:9/2)+	25
35S	26		4.903 1/2-		26
35S	27		4.963 3/2-		27
35S	28			4.990 (1/2:5/2)+	28
35S	29		5.058 7/2-		29
35S	30			5.127 (1/2:9/2)+	30
35S	31			5.344 (1/2:11/2)-	31
35S	32			5.475	32
35S	33			5.550 (1/2:11/2)(-)	33
35S	34			5.753 (1/2:9/2-)	34
35S	35			5.771 (1/2:9/2)+	35
35S	36			5.841 (1/2:7/2-)	36
35S	37			5.915	37

35S	38				5.980		38
35S	39				6.019	(1/2:9/2-)	39
35S	40				6.078	1/2-,3/2-	40

35S	41				6.129	(1/2,3/2,5/2)+	41
35S	42				6.294	(1/2:9/2-)	42
35S	43				6.334		43
35S	44				6.355	(1/2:9/2-)	44
35S	45				6.420	(1/2:9/2-)	45
35S	46				6.446		46
35S	47				6.496		47
35S	48				6.538		48
35S	49				6.545		49
35S	50				6.584		50

35S	51				6.629	(1/2:9/2-)	51
35S	52				6.635		52
35S	53				6.654		53
35S	54				6.684	(1/2:9/2)+	54
35S	55				6.761	(1/2:9/2-)	55
35S	56				6.891		56
S-n	=	6.986	(0.000)	-----			
35S	57		6.986	1/2+			57
35S	58				7.019		58
35S	59				7.073		59
35S	60				7.074		60

35S	61				7.098		61
35S	62				7.100		62
35S	63				7.101	3/2	63
35S	64				7.143		64
35S	65				7.210		65
35S	66				7.218		66
35S	67				7.234		67
35S	68				7.240		68
35S	69				7.253		69
35S	70		7.276	1/2+			70

35S	71				7.279		71
35S	72				7.290		72
35S	73			7.294	3/2-		73
35S	74		7.331	1/2+			74
35S	75				7.338		75
35S	76				7.344		76
35S	77				7.347		77
35S	78				7.348		78
35S	79				7.354		79
35S	80				7.358		80

35S	81			7.371	1/2-		81

35S 82						7.375		82
35S 83						7.396		83
35S 84						7.405		84
35S 85				7.409	3/2-			85
35S 86						7.412		86
35S 87						7.417		87
35S 88						7.429		88
35S 89						7.434		89
35S 90						7.436		90

35S 91		7.442	1/2+					91
35S 92						7.462		92
35S 93				7.481	1/2-			93
35S 94						7.495		94
35S 95						7.542		95
35S 96						7.604		96
35S 97				7.609	3/2-			97
35S 98						7.649		98
35S 99						7.656		99
35S 100						7.664		100

35S 101						7.678		101
35S 102						7.712	(3/2:13/2)+	102
35S 103						7.731		103
35S 104						7.750		104
35S 105				7.762	3/2-			105
35S 106				7.776	1/2-			106
35S 107		7.798	1/2+					107
35S 108		7.812	3/2+					108
35S 109				7.853	3/2-			109
35S 110						7.862		110

35S 111						7.881		111
35S 112						7.889		112
35S 113				7.895	3/2-			113
35S 114						7.900		114
35S 115						7.934		115
35S 116						7.940		116
35S 117				7.955	3/2-			117
35S 118				7.974	3/2-			118
35S 119						8.020		119
35S 120						8.041		120

35S 121						8.077		121
35S 122						8.078		122
35S 123				8.093	1/2-			123
35S 124						8.144		124
35S 125						8.160	(1/2:7/2)(-)	125
35S 126				8.187	1/2-			126
35S 127						8.211		127

35S 128				8.224	1/2-			128
35S 129							8.229	129
35S 130							8.244	130

35S 131				8.256	3/2-			131
35S 132		8.262			5/2+			132
35S 133							8.273	133
35S 134							8.298	134
S-alpha=		8.322		(0.000)	-----			
35S 135				8.334	3/2-			135
35S 136							8.336	136
35S 137				8.391	3/2-			137
35S 138							8.394	138
35S 139							8.407	139
35S 140							8.419	140

35S 141							9.155	141

S-p	=	11.586		(0.001)	-----			
S-n	=	6.986		(0.000)	-----			
S-2p	=	22.910		(0.001)	-----			
S-2n	=	18.403		(0.000)	-----			
S-alpha=		8.322		(0.000)	-----			
S+p	=	-7.965		(0.000)				
S+n	=	-9.889		(0.000)				
S+2p	=	-16.679		(0.000)				
S+2n	=	-14.193		(0.000)				
S+alpha	=	-6.821		(0.005)				
gap p	=	3.622		(0.001)				
gap n	=	-2.903		(0.000)				
gap 2p	=	6.230		(0.001)				
gap 2n	=	4.210		(0.000)				
gap alpha	=	1.501		(0.005)				