

^{61}Ni $Z = 28$ $N = 33$ [link to full NNDC output](#)

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

BE = 534.667 (0.000) MeV

	Energy T	J+	J-	J-other	T1/2
61NI 1			0.000	3/2-	1 STABLE
61NI 2			0.067	5/2-	2 5.34 NS 16
61NI 3			0.283	1/2-	3 23 PS 3
61NI 4			0.656	1/2-	4 17 PS 4
61NI 5			0.909	5/2-	5 0.7 PS 4
61NI 6				0.918 (7/2)-	6
61NI 7			1.015	7/2-	7 4.4 PS 6
61NI 8			1.100	3/2-	8 0.16 PS 4
61NI 9			1.132	5/2-	9 0.32 PS 3
61NI 10			1.185	3/2-	10 0.12 PS 3
61NI 11			1.455	7/2-	11 0.58 PS 25
61NI 12			1.610	5/2-	12 0.26 PS 4
61NI 13			1.729	3/2-	13 0.065 PS 11
61NI 14			1.808	9/2-	14 0.6 PS 5
61NI 15				1.978	15
61NI 16			1.988	9/2-	16 0.51 PS 18
61NI 17			1.998	5/2-	17 0.045 PS 7
61NI 18			2.018	7/2-	18 0.12 PS +8-3
61NI 19	2.121	9/2+			19 0.40 PS +74-12
61NI 20			2.124	1/2-	20 0.044 PS 15
61NI 21			2.129	11/2-	21 2 PS GT
61NI 22			2.410	9/2-	22 0.19 PS 4
61NI 23				2.415 (3/2-)	23
61NI 24			2.465	7/2-	24 0.236 PS +21-7
61NI 25				2.530 5/2-,7/2-	25
61NI 26			2.593	7/2-	26
61NI 27				2.639 1/2-,3/2-	27
61NI 28	2.696	5/2+			28
61NI 29				2.708 (3/2-,5/2+)	29
61NI 30				2.734 (7/2-)	30
61NI 31			2.765	3/2-	31
61NI 32				2.786 5/2-,7/2-	32
61NI 33				2.800	33
61NI 34				2.853 5/2-,7/2-	34
61NI 35				2.863 1/2-,3/2-	35
61NI 36			2.913	7/2-	36
61NI 37				3.040 (1/2-,3/2-)	37
61NI 38	3.062	1/2+			38

61NI 39						3.099	(3/2-)	39
61NI 40						3.115	5/2-, 7/2-	40

61NI 41				3.138		7/2-		41
61NI 42						3.145	(1/2-, 3/2)	42
61NI 43						3.175	(1/2-, 3/2-)	43
61NI 44						3.232	1/2-, 3/2-	44
61NI 45						3.247		45
61NI 46						3.259	(11/2-)	46 0.46 PS 8
61NI 47						3.275	(1/2-, 3/2-)	47
61NI 48						3.286		48
61NI 49				3.295		7/2-		49
61NI 50						3.298	(1/2-, 3/2-)	50

61NI 51		3.299		11/2+				51 0.60 PS +23-14
61NI 52						3.308	(7/2)-	52
61NI 53						3.346		53
61NI 54						3.382	1/2-, 3/2-	54
61NI 55						3.406		55
61NI 56						3.415	(1/2-, 3/2)	56
61NI 57				3.426		13/2-		57 0.7 PS GT
61NI 58						3.427	(1/2-, 3/2-)	58
61NI 59		3.435		13/2+				59 1.0 PS 4
61NI 60						3.449	3/2+, 5/2+	60

61NI 61						3.470		61
61NI 62		3.488		9/2+				62
61NI 63						3.506	3/2+, 5/2+	63
61NI 64						3.526	(1/2, 3/2)	64
61NI 65						3.548		65
61NI 66						3.564		66
61NI 67						3.587		67
61NI 68						3.610		68
61NI 69						3.629	5/2-, 7/2-	69
61NI 70						3.644	(7/2+)	70

61NI 71						3.647	3/2+, 5/2+	71
61NI 72				3.657		7/2-		72
61NI 73						3.665	(9/2+)	73
61NI 74						3.669	(1/2-, 3/2)	74
61NI 75						3.686	1/2-, 3/2-	75
61NI 76						3.711	(1/2-, 3/2)	76
61NI 77						3.728	1/2-, 3/2-	77
61NI 78						3.738	(1/2+)	78
61NI 79				3.768		7/2-		79
61NI 80						3.777	(1/2-, 3/2-)	80

61NI 81						3.819	(1/2-, 3/2-)	81
61NI 82						3.837		82
61NI 83						3.857		83

61NI 84						3.870	(1/2,3/2)	84
61NI 85						3.919		85
61NI 86				3.938	7/2-			86
61NI 87						3.963		87
61NI 88						3.994		88
61NI 89		4.019	15/2+					89 1.4 PS GT
61NI 90				4.024	7/2-			90

61NI 91						4.049	(1/2-,3/2-)	91
61NI 92						4.080		92
61NI 93						4.103		93
61NI 94						4.126	(1/2+)	94
61NI 95				4.143	7/2-			95
61NI 96						4.165	3/2+,5/2+	96
61NI 97						4.179	(3/2+)	97
61NI 98						4.204	(3/2+)	98
61NI 99						4.215		99
61NI 100						4.231		100

61NI 101						4.240	(3/2+)	101
61NI 102						4.259	5/2-,7/2-	102
61NI 103						4.267		103
61NI 104						4.288		104
61NI 105						4.306		105
61NI 106						4.314	(1/2+)	106
61NI 107						4.336	(1/2+)	107
61NI 108						4.354		108
61NI 109				4.376	7/2-			109
61NI 110						4.389		110

61NI 111						4.403		111
61NI 112						4.427		112
61NI 113						4.440	(1/2-,3/2)	113
61NI 114						4.455		114
61NI 115						4.476	(3/2+,5/2+)	115
61NI 116				4.487	7/2-			116
61NI 117						4.502	(3/2+,5/2+)	117
61NI 118						4.515	(1/2-,3/2)	118
61NI 119						4.522		119
61NI 120						4.544		120

61NI 121						4.568	(3/2+,5/2+)	121
61NI 122						4.578	3/2+,5/2+	122
61NI 123				4.586	7/2-			123
61NI 124						4.601		124
61NI 125						4.624		125
61NI 126						4.641		126
61NI 127				4.652	7/2-			127
61NI 128						4.667		128
61NI 129						4.685		129

61NI 130				4.701		130
61NI 131				4.720		131
61NI 132			4.736	7/2-		132
61NI 133				4.741		133
61NI 134				4.756	3/2+,5/2+	134
61NI 135			4.793	7/2-		135
61NI 136				4.819	(17/2+)	136 1.1 PS LT
61NI 137				4.833		137
61NI 138				4.854	(1/2-,3/2-)	138
61NI 139				4.861		139
61NI 140			4.872	7/2-		140
61NI 141				4.881		141
61NI 142				4.883	(1/2+)	142
61NI 143				4.907	(1/2+)	143
61NI 144				4.930		144
61NI 145			4.951	7/2-		145
61NI 146				4.968	(3/2+,5/2+)	146
61NI 147				4.989	(3/2+,5/2+)	147
61NI 148				5.008		148
61NI 149				5.024	(7/2-)	149
61NI 150				5.036	(1/2-,3/2-)	150
61NI 151	5.060	1/2+				151
61NI 152			5.079	7/2-		152
61NI 153				5.098	1/2-,3/2-	153
61NI 154				5.117	1/2-,3/2-	154
61NI 155				5.152		155
61NI 156				5.166	(1/2+)	156
61NI 157	5.185	1/2+				157
61NI 158				5.208	3/2+,5/2+	158
61NI 159				5.220		159
61NI 160			5.244	7/2-		160
61NI 161				5.267		161
61NI 162				5.280		162
61NI 163				5.295	(1/2-,3/2-)	163
61NI 164	5.309	1/2+				164
61NI 165				5.316	(15/2,17/2,19/2	165+)
61NI 166				5.337		166
61NI 167				5.356	(1/2-,3/2-)	167
61NI 168				5.370		168
61NI 169				5.391	(1/2,3/2)	169
61NI 170				5.406		170
61NI 171				5.439	1/2-,3/2-	171
61NI 172				5.460		172
61NI 173				5.487		173
61NI 174				5.508		174

61NI 175				5.528	3/2+,5/2+	175
61NI 176				5.550		176
61NI 177				5.574	1/2-,3/2-	177
61NI 178	5.588	1/2+				178
61NI 179				5.601		179
61NI 180				5.622	3/2+,5/2+	180

61NI 181				5.645	(1/2-,3/2-)	181
61NI 182				5.652	(3/2+)	182
61NI 183				5.659	1/2-,3/2-	183
61NI 184	5.703	1/2+				184
61NI 185				5.723	(3/2+,5/2+)	185
61NI 186				5.742	3/2+,5/2+	186
61NI 187				5.761		187
61NI 188				5.796		188
61NI 189				5.804		189
61NI 190				5.821		190

61NI 191				5.842		191
61NI 192				5.859	(1/2+)	192
61NI 193				5.883		193
61NI 194				5.894	(3/2+,5/2+)	194
61NI 195				5.914	(3/2+,5/2+)	195
61NI 196				5.934	(3/2+,5/2+)	196
61NI 197	5.955	3/2+				197
61NI 198	5.987	1/2+				198
61NI 199				6.016	(3/2+,5/2+)	199
61NI 200				6.041		200

61NI 201				6.072		201
61NI 202				6.085	(3/2+,5/2+)	202
61NI 203				6.102	(3/2+,5/2+)	203
61NI 204				6.135	(3/2+,5/2+)	204
61NI 205				6.148		205
61NI 206				6.166		206
61NI 207				6.176		207
61NI 208				6.184		208
61NI 209				6.200		209
61NI 210				6.227		210

61NI 211				6.249	(3/2+,5/2+)	211
61NI 212				6.269		212
61NI 213				6.289	(1/2+)	213
61NI 214				6.314		214
61NI 215				6.346	3/2+,5/2+	215
61NI 216				6.371	3/2+,5/2+	216
61NI 217				6.391		217
61NI 218				6.413		218
61NI 219				6.427	(3/2+,5/2+)	219
61NI 220				6.444	(3/2+,5/2+)	220

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S-alpha= 6.465 (0.000)-----			
61NI 221		6.471	221
61NI 222		6.492	222
61NI 223		6.515	(1/2-, 3/2-) 223
61NI 224		6.538	(1/2-, 3/2-) 224
61NI 225		6.556	225
61NI 226		6.576	(3/2+) 226
61NI 227		6.589	(3/2+, 5/2+) 227
61NI 228		6.609	3/2+, 5/2+ 228
61NI 229		6.616	229
61NI 230		6.630	230

61NI 231		6.661	(3/2+, 5/2+) 231
61NI 232		6.676	(3/2+, 5/2+) 232
61NI 233		6.706	233
61NI 234		6.732	234
61NI 235		6.748	235
61NI 236		6.767	236
61NI 237		6.776	237
61NI 238		6.803	238
61NI 239		6.818	239
61NI 240		6.838	240

61NI 241		6.849	241
61NI 242		6.878	242
61NI 243		6.908	243
61NI 244		6.923	244
61NI 245		6.928	245
61NI 246		6.939	246
61NI 247		6.971	247
61NI 248		6.993	248
61NI 249		7.008	249
61NI 250		7.036	250

61NI 251		7.051	251
61NI 252		7.099	252
61NI 253		7.137	253
61NI 254		7.185	254
61NI 255		7.206	255
61NI 256		7.232	256
61NI 257		7.276	257
61NI 258		7.312	258
61NI 259		7.374	259
61NI 260		7.437	260

61NI 261		7.469	261
61NI 262		7.509	262
61NI 263		7.557	263
61NI 264		7.604	264

61NI 265						7.620		265
61NI 266						7.698		266
61NI 267						7.722		267
61NI 268						7.747		268
61NI 269						7.811		269
61NI 270		7.820		1/2+				270

S-n = 7.820 (0.001)

61NI 271						7.821		271
61NI 272				7.823		3/2-		272
61NI 273				7.826		3/2-		273
61NI 274						7.826		274
61NI 275				7.832		1/2-		275
61NI 276		7.832		1/2+				276
61NI 277				7.833		1/2-		277
61NI 278				7.841		1/2-		278
61NI 279						7.844		1/2-, 3/2-
61NI 280						7.844		280

61NI 281				7.848		1/2-		281
61NI 282				7.848		1/2-		282
61NI 283		7.848		1/2+				283
61NI 284				7.849		1/2-		284
61NI 285						7.850		1/2-, 3/2-
61NI 286						7.853		1/2-, 3/2-
61NI 287						7.853		1/2-, 3/2-
61NI 288						7.859		1/2-, 3/2-
61NI 289						7.862		1/2-, 3/2-
61NI 290				7.862		1/2-		290

61NI 291		7.863		1/2+				291
61NI 292						7.865		292
61NI 293				7.867		1/2-		293
61NI 294						7.867		1/2-, 3/2-
61NI 295				7.867		1/2-		295
61NI 296				7.869		1/2-		296
61NI 297				7.869		1/2-		297
61NI 298				7.870		1/2-		298
61NI 299						7.871		299
61NI 300				7.872		1/2-		300

61NI 301						7.876		301
61NI 302				7.876		1/2-		302
61NI 303				7.884		1/2-		303
61NI 304				7.884		1/2-		304
61NI 305		7.884		1/2+				305
61NI 306						7.885		1/2-, 3/2-
61NI 307						7.890		307
61NI 308						7.892		1/2-, 3/2-
61NI 309						7.897		309

61NI 310			7.897	1/2-		310	
61NI 311					7.899	1/2-,3/2-	311
61NI 312					7.901	1/2-,3/2-	312
61NI 313					7.904	1/2-,3/2-	313
61NI 314					7.905	1/2-,3/2-	314
61NI 315	7.906	1/2+					315
61NI 316					7.907	1/2-,3/2-	316
61NI 317			7.908	1/2-			317
61NI 318					7.910	1/2-,3/2-	318
61NI 319					7.912	1/2-,3/2-	319
61NI 320			7.914	1/2-			320
61NI 321					7.916	1/2-,3/2-	321
61NI 322	7.917	1/2+					322
61NI 323					7.918	1/2-,3/2-	323
61NI 324			7.921	1/2-			324
61NI 325	7.926	1/2+					325
61NI 326			7.927	3/2-			326
61NI 327					7.930		327
61NI 328					7.930	1/2-,3/2-	328
61NI 329					7.931	1/2-,3/2-	329
61NI 330					7.932	1/2-,3/2-	330
61NI 331			7.932	1/2-			331
61NI 332			7.939	1/2-			332
61NI 333					7.939		333
61NI 334					7.939	1/2-,3/2-	334
61NI 335					7.942	1/2-,3/2-	335
61NI 336					7.942		336
61NI 337					7.945		337
61NI 338					7.946	1/2-,3/2-	338
61NI 339					7.948	1/2-,3/2-	339
61NI 340					7.952	1/2-,3/2-	340
61NI 341					7.952		341
61NI 342			7.954	1/2-			342
61NI 343					7.954	1/2-,3/2-	343
61NI 344					7.954	1/2-,3/2-	344
61NI 345					7.955	1/2-,3/2-	345
61NI 346					7.955	1/2-,3/2-	346
61NI 347	7.957	1/2+					347
61NI 348					7.957	1/2-,3/2-	348
61NI 349					7.958	1/2	349
61NI 350					7.958		350
61NI 351			7.963	1/2-			351
61NI 352					7.964		352
61NI 353					7.965	1/2-,3/2-	353
61NI 354					7.967		354

61NI 355				7.969		1/2-,3/2-	355	
61NI 356				7.972		1/2-,3/2-	356	
61NI 357		7.974	1/2+				357	
61NI 358				7.974		1/2-,3/2-	358	
61NI 359				7.978		1/2-,3/2-	359	
61NI 360				7.979			360	

61NI 361		7.979	1/2+				361	
61NI 362				7.980	1/2-		362	
61NI 363						7.984	363	
61NI 364						7.985	(3/2+,5/2+)	364
61NI 365				7.985	1/2-		365	
61NI 366						7.988	366	
61NI 367				7.990	1/2-		367	
61NI 368				7.990	1/2-		368	
61NI 369						7.992	1/2-,3/2-	369
61NI 370						7.992	1/2-,3/2-	370

61NI 371				7.997	1/2-		371	
61NI 372				8.000	3/2-		372	
61NI 373						8.001	1/2-,3/2-	373
61NI 374		8.003	1/2+				374	
61NI 375						8.004	1/2-,3/2-	375
61NI 376						8.009	1/2-,3/2-	376
61NI 377				8.010	3/2-		377	
61NI 378						8.011	1/2-,3/2-	378
61NI 379						8.012		379
61NI 380						8.013		380

61NI 381						8.014		381
61NI 382		8.016	1/2+					382
61NI 383		8.018	1/2+					383
61NI 384		8.018	5/2+					384
61NI 385						8.019	1/2-,3/2-	385
61NI 386						8.023	1/2-,3/2-	386
61NI 387						8.023	1/2-,3/2-	387
61NI 388						8.025	1/2-,3/2-	388
61NI 389						8.026		389
61NI 390						8.027		390

61NI 391						8.030		391
61NI 392						8.031	1/2-,3/2-	392
61NI 393						8.031	1/2-,3/2-	393
61NI 394						8.037	1/2-,3/2-	394
61NI 395						8.037	1/2-,3/2-	395
61NI 396						8.038		396
61NI 397						8.040		397
61NI 398				8.043	1/2-			398
61NI 399						8.046	1/2-,3/2-	399
61NI 400		8.047	5/2+					400

61NI 401					8.050	1/2-,3/2-	401
61NI 402					8.050	1/2-,3/2-	402
61NI 403					8.052	1/2-,3/2-	403
61NI 404					8.053	1/2-,3/2-	404
61NI 405			8.054	1/2-			405
61NI 406					8.055	1/2-,3/2-	406
61NI 407					8.060	1/2-,3/2-	407
61NI 408					8.063	1/2-,3/2-	408
61NI 409			8.065	3/2-			409
61NI 410	8.068	1/2+					410
61NI 411					8.069	1/2-,3/2-	411
61NI 412			8.069	3/2-			412
61NI 413					8.070		413
61NI 414					8.071	1/2-,3/2-	414
61NI 415	8.072	1/2+					415
61NI 416					8.072	1/2-,3/2-	416
61NI 417					8.073	1/2-,3/2-	417
61NI 418	8.074	1/2+					418
61NI 419					8.075	1/2-,3/2-	419
61NI 420					8.076	1/2-,3/2-	420
61NI 421					8.077	1/2-,3/2-	421
61NI 422					8.078	1/2-,3/2-	422
61NI 423					8.079	1/2-,3/2-	423
61NI 424					8.082	1/2-,3/2-	424
61NI 425			8.082	1/2-			425
61NI 426			8.084	1/2-			426
61NI 427					8.085	1/2-,3/2-	427
61NI 428					8.085	1/2-,3/2-	428
61NI 429			8.089	1/2-			429
61NI 430					8.090		430
61NI 431			8.093	1/2-			431
61NI 432					8.093		432
61NI 433			8.094	3/2-			433
61NI 434	8.095	1/2+					434
61NI 435			8.096	3/2-			435
61NI 436					8.097	1/2-,3/2-	436
61NI 437					8.098	1/2-,3/2-	437
61NI 438			8.099	3/2-			438
61NI 439			8.101	1/2-			439
61NI 440					8.104	1/2-,3/2-	440
61NI 441					8.106	1/2-,3/2-	441
61NI 442	8.107	1/2+					442
61NI 443			8.108	3/2-			443
61NI 444					8.109		444
61NI 445					8.110	1/2-,3/2-	445

61NI 446						8.110	1/2-,3/2-	446
61NI 447				8.111	1/2-			447
61NI 448				8.113	1/2-			448
61NI 449				8.115	1/2-			449
61NI 450		8.116	3/2+					450

61NI 451		8.118	3/2+					451
61NI 452						8.122	1/2-,3/2-	452
61NI 453				8.123	3/2-			453
61NI 454						8.123		454
61NI 455						8.124	1/2-,3/2-	455
61NI 456						8.126		456
61NI 457						8.127	1/2-,3/2-	457
61NI 458						8.128		458
61NI 459						8.129		459
61NI 460		8.132	1/2+					460

61NI 461						8.132		461
61NI 462						8.133		462
61NI 463				8.137	3/2-			463
61NI 464						8.138	1/2-,3/2-	464
61NI 465				8.139	1/2-			465
61NI 466		8.140	1/2+					466
61NI 467				8.141	1/2-			467
61NI 468		8.142	3/2+					468
61NI 469						8.144	1/2-,3/2-	469
61NI 470				8.144	1/2-			470

61NI 471				8.146	1/2-			471
61NI 472				8.149	3/2-			472
61NI 473						8.150	(1/2)-	473
61NI 474		8.151	3/2+					474
61NI 475		8.153	1/2+					475
61NI 476				8.154	1/2-			476
61NI 477				8.156	1/2-			477
61NI 478				8.156	1/2-			478
61NI 479				8.157	1/2-			479
61NI 480						8.158		480

61NI 481				8.160	1/2-			481
61NI 482						8.163		482
61NI 483						8.163	(1/2)-	483
61NI 484		8.164	3/2+					484
61NI 485						8.165		485
61NI 486		8.167	3/2+					486
61NI 487		8.169	3/2+					487
61NI 488		8.170	3/2+					488
61NI 489		8.172	1/2+					489
61NI 490				8.173	1/2-			490

61NI 491				8.174	3/2-				491
61NI 492				8.175	1/2-				492
61NI 493				8.180	1/2-				493
61NI 494							8.183		494
61NI 495		8.183	3/2+						495
61NI 496				8.184	1/2-				496
61NI 497		8.185	3/2+						497
61NI 498		8.186	3/2+						498
61NI 499							8.187		499
61NI 500				8.188	1/2-				500

61NI 501				8.189	1/2-				501
61NI 502		8.191	1/2+						502
61NI 503				8.191	1/2-				503
61NI 504				8.192	1/2-				504
61NI 505							8.193		505
61NI 506							8.194		506
61NI 507				8.194	3/2-				507
61NI 508				8.195	1/2-				508
61NI 509							8.196		509
61NI 510							8.196		510

61NI 511		8.197	1/2+						511
61NI 512							8.200		512
61NI 513							8.200		513
61NI 514		8.202	3/2+						514
61NI 515				8.202	1/2-				515
61NI 516							8.203		516
61NI 517							8.203		517
61NI 518							8.207	3/2	518
61NI 519				8.209	1/2-				519
61NI 520				8.211	1/2-				520

61NI 521		8.212	3/2+						521
61NI 522				8.213	1/2-				522
61NI 523				8.215	1/2-				523
61NI 524				8.216	1/2-				524
61NI 525				8.217	3/2-				525
61NI 526				8.217	1/2-				526
61NI 527							8.218		527
61NI 528							8.219		528
61NI 529				8.221	1/2-				529
61NI 530							8.222	1/2-, 3/2-	530

61NI 531		8.224	3/2+						531
61NI 532		8.227	1/2+						532
61NI 533		8.229	3/2+						533
61NI 534		8.229	3/2+						534
61NI 535							8.231		535
61NI 536							8.232		536

61NI 537				8.233	1/2-		537
61NI 538							538
61NI 539		8.236		1/2+			539
61NI 540							540

61NI 541		8.238		3/2+			541
61NI 542				8.240	1/2-		542
61NI 543				8.240	1/2-		543
61NI 544				8.243	1/2-		544
61NI 545		8.244		3/2+			545
61NI 546				8.244	1/2-		546
61NI 547		8.245		3/2+			547
61NI 548		8.249		3/2+			548
61NI 549				8.250	1/2-		549
61NI 550		8.251		1/2+			550

61NI 551		8.252		3/2+			551
61NI 552							552
61NI 553							553
61NI 554							554
61NI 555		8.254		3/2+			555
61NI 556							556
61NI 557		8.257		1/2+			557
61NI 558							558
61NI 559				8.260	1/2-		559
61NI 560		8.261		1/2+			560

61NI 561							561
61NI 562							562
61NI 563				8.264	3/2-		563
61NI 564				9.550	7/2-		564

S-p = 9.861 (0.001)-----
S-n = 7.820 (0.001)-----
S-2p = 18.135 (0.001)-----
S-2n = 19.208 (0.001)-----
S-alpha= 6.465 (0.000)-----

S+p = -5.854 (0.001)
S+n = -10.596 (0.001)
S+2p = -12.569 (0.002)
S+2n = -17.433 (0.001)
S+alpha = -4.115 (0.001)

gap p = 4.006 (0.001)
gap n = -2.776 (0.001)
gap 2p = 5.566 (0.002)
gap 2n = 1.774 (0.001)
gap alpha = 2.350 (0.001)