

	harmonic potential		Woods-Saxon potential		spin-orbit coupling			
1i 2g 3d 4s	<b>168</b>							
		1i	—————	.....	—————	1i <sub>13/2</sub>	14	<b>126</b>
				.....	—————	3p <sub>1/2</sub>	2	112
1h 2f 3p	<b>112</b>	3p	—————	.....	—————	3p <sub>3/2</sub>	4	110
		2f	—————	.....	—————	2f <sub>5/2</sub>	6	106
				.....	—————	2f <sub>7/2</sub>	8	100
		1h	—————	.....	—————	1h <sub>9/2</sub>	10	92
				.....	—————			
1g 2d 3s	<b>70</b>	3s	—————	.....	—————	1h <sub>11/2</sub>	12	<b>82</b>
		2d	—————	.....	—————	3s <sub>1/2</sub>	2	70
				.....	—————	2d <sub>3/2</sub>	4	68
		1g	—————	.....	—————	2d <sub>5/2</sub>	6	64
				.....	—————	1g <sub>7/2</sub>	8	58
				.....	—————			
				.....	—————	1g <sub>9/2</sub>	10	<b>50</b>
1f 2p	<b>40</b>	2p	—————	.....	—————	2p <sub>1/2</sub>	2	40
		1f	—————	.....	—————	1f <sub>5/2</sub>	6	38
				.....	—————	2p <sub>3/2</sub>	4	32
				.....	—————	1f <sub>7/2</sub>	8	<b>28</b>
				.....	—————			
1d 2s	<b>20</b>	2s	—————	.....	—————	1d <sub>3/2</sub>	4	<b>20</b>
		1d	—————	.....	—————	2s <sub>1/2</sub>	2	16
				.....	—————	1d <sub>5/2</sub>	6	14
				.....	—————			
1p	<b>8</b>	1p	—————	.....	—————	1p <sub>1/2</sub>	2	<b>8</b>
				.....	—————	1p <sub>3/2</sub>	4	6
				.....	—————			
1s	<b>2</b>	1s	—————	.....	—————	1s <sub>1/2</sub>	2	<b>2</b>
				.....	—————			
	$\sum 2(2l+1)$						$2j+1$	$\sum 2j+1$