

P/Th  
3472  
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APPENDIX A

ORDERING OF THE BASIS STATES

1	$1d_{5/2}$	$1/2$
2	$1d_{3/2}$	$1/2$
3	$1s_{1/2}$	$1/2$
4	$2s_{1/2}$	$1/2$
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5	$1d_{5/2}$	$-3/2$
6	$1d_{3/2}$	$-3/2$
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7	$1d_{5/2}$	$5/2$
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8	$1f_{7/2}$	$1/2$
9	$1f_{5/2}$	$1/2$
10	$1p_{3/2}$	$1/2$
11	$2p_{3/2}$	$1/2$
12	$1p_{1/2}$	$1/2$
<b>13</b>	$2p_{1/2}$	$1/2$
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14	$1f_{7/2}$	$-3/2$
15	$1f_{5/2}$	$-3/2$
16	$1p_{3/2}$	$-3/2$
17	$2p_{3/2}$	$-3/2$
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18	$1f_{7/2}$	$5/2$
19	$1f_{5/2}$	$5/2$
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20	$1f_{7/2}$	$-7/2$
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