

Excitation Energy (keV)

1500

1000

500

0

$^{160}\text{Gd}$

$0^+$

$2^+$

$4^+$

$6^+$

0

75

248

515

$K^\pi = 2_\gamma^+$

$2^+$

$3^+$

$4^+$

$5^+$

989

1057

1148

1261

$K^\pi = 0^-$

$1^-$

$3^-$

$5^-$

1224

1290

1427

$K^\pi = 1^-$

$1^-$

$2^-$

$3^-$

$4^-$

1351

1377

1464

1499

$K^\pi = (2^-, 3^-)$

$2^-$

$3^-$

$4^-$

1692

1783

0.96

1.20

4.1

<0.04

<6.5

16

3.8

31

35

6.2

3.6

3.0

3.5

4.0

0.74

0.12

<0.18

<0.27

2.5

<0.41

2.0

2.1

1.5

0.01

<1.4

<2.0