

| $E\#2$ / keV | $N\#2$ | $E\#4$ / keV | $\Delta_{30}\#4$ | $E\#6$ / keV | $\Delta_{60}\#6$ | $E\#8$ / keV | $\Delta_{90}\#8$ | $E\#10$ / keV | $\Delta_{120}\#10$ | $E\#12$ / keV |
|--------------|--------|--------------|------------------|--------------|------------------|--------------|------------------|---------------|--------------------|---------------|
| -8.1         | 59     | -8.1         | 5.0              | -8.1         | -1.0             | -8.1         | 4.0              | -8.1          | 0.0                | -8.1          |
| -1.3         | 186    | -1.3         | 37.0             | -1.3         | 3.0              | -1.3         | 14.0             | -1.3          | -12.0              | -1.3          |
| 5.4          | 219    | 5.4          | 47.0             | 5.4          | 6.0              | 5.4          | 24.0             | 5.4           | -8.0               | 5.4           |
| 12.2         | 279    | 12.2         | 35.0             | 12.2         | 14.0             | 12.2         | -7.0             | 12.2          | -11.0              | 12.2          |
| 18.9         | 285    | 18.9         | 31.0             | 18.9         | 2.0              | 18.9         | 32.0             | 18.9          | -3.0               | 18.9          |
| 25.7         | 351    | 25.7         | 68.0             | 25.7         | 4.0              | 25.7         | 19.0             | 25.7          | 2.0                | 25.7          |
| 32.5         | 352    | 32.5         | 52.0             | 32.5         | 21.0             | 32.5         | 9.0              | 32.5          | -25.0              | 32.5          |
| 39.2         | 380    | 39.2         | 43.0             | 39.2         | 15.0             | 39.2         | 8.0              | 39.2          | 21.0               | 39.2          |
| 46.0         | 419    | 46.0         | 54.0             | 46.0         | -14.0            | 46.0         | -16.0            | 46.0          | 4.0                | 46.0          |
| 52.8         | 411    | 52.8         | 31.0             | 52.8         | 40.0             | 52.8         | 6.0              | 52.8          | 4.0                | 52.8          |
| 59.5         | 467    | 59.5         | 55.0             | 59.5         | 11.0             | 59.5         | -6.0             | 59.5          | 20.0               | 59.5          |
| 66.3         | 505    | 66.3         | 18.0             | 66.3         | -7.0             | 66.3         | 27.0             | 66.3          | 1.0                | 66.3          |
| 73.1         | 679    | 73.1         | 84.0             | 73.1         | 21.0             | 73.1         | -7.0             | 73.1          | -12.0              | 73.1          |
| 79.8         | 850    | 79.8         | 59.0             | 79.8         | -38.0            | 79.8         | 16.0             | 79.8          | 70.0               | 79.8          |
| 86.6         | 701    | 86.6         | 106.0            | 86.6         | 23.0             | 86.6         | 17.0             | 86.6          | 12.0               | 86.6          |
| 93.4         | 581    | 93.4         | 64.0             | 93.4         | -12.0            | 93.4         | 69.0             | 93.4          | 39.0               | 93.4          |
| 100.1        | 517    | 100.1        | 77.0             | 100.1        | -17.0            | 100.1        | 30.0             | 100.1         | -1.0               | 100.1         |
| 106.9        | 499    | 106.9        | 78.0             | 106.9        | 26.0             | 106.9        | 28.0             | 106.9         | 51.0               | 106.9         |
| 113.7        | 489    | 113.7        | 79.0             | 113.7        | 60.0             | 113.7        | 2.0              | 113.7         | -6.0               | 113.7         |
| 120.4        | 494    | 120.4        | 85.0             | 120.4        | -6.0             | 120.4        | 28.0             | 120.4         | 66.0               | 120.4         |
| 127.2        | 475    | 127.2        | 45.0             | 127.2        | 9.0              | 127.2        | 21.0             | 127.2         | -5.0               | 127.2         |
| 134.0        | 491    | 134.0        | 86.0             | 134.0        | 59.0             | 134.0        | 46.0             | 134.0         | -24.0              | 134.0         |
| 140.7        | 481    | 140.7        | 79.0             | 140.7        | 37.0             | 140.7        | 13.0             | 140.7         | 42.0               | 140.7         |
| 147.5        | 514    | 147.5        | 108.0            | 147.5        | 31.0             | 147.5        | 43.0             | 147.5         | -3.0               | 147.5         |
| 154.3        | 527    | 154.3        | 117.0            | 154.3        | 14.0             | 154.3        | 15.0             | 154.3         | -2.0               | 154.3         |
| 161.0        | 560    | 161.0        | 80.0             | 161.0        | 27.0             | 161.0        | 51.0             | 161.0         | 42.0               | 161.0         |
| 167.8        | 534    | 167.8        | 92.0             | 167.8        | 24.0             | 167.8        | 36.0             | 167.8         | 25.0               | 167.8         |
| 174.6        | 584    | 174.6        | 116.0            | 174.6        | 20.0             | 174.6        | 0.0              | 174.6         | -5.0               | 174.6         |
| 181.3        | 581    | 181.3        | 75.0             | 181.3        | -22.0            | 181.3        | -14.0            | 181.3         | 11.0               | 181.3         |
| 188.1        | 636    | 188.1        | 74.0             | 188.1        | 24.0             | 188.1        | -6.0             | 188.1         | -4.0               | 188.1         |
| 194.8        | 629    | 194.8        | 115.0            | 194.8        | 39.0             | 194.8        | -19.0            | 194.8         | 9.0                | 194.8         |
| 201.6        | 600    | 201.6        | 98.0             | 201.6        | 8.0              | 201.6        | -13.0            | 201.6         | 60.0               | 201.6         |
| 208.4        | 614    | 208.4        | 74.0             | 208.4        | 47.0             | 208.4        | 5.0              | 208.4         | 71.0               | 208.4         |
| 215.1        | 530    | 215.1        | 59.0             | 215.1        | 29.0             | 215.1        | 21.0             | 215.1         | 94.0               | 215.1         |
| 221.9        | 523    | 221.9        | 39.0             | 221.9        | 2.0              | 221.9        | -8.0             | 221.9         | 83.0               | 221.9         |
| 228.7        | 541    | 228.7        | 79.0             | 228.7        | 13.0             | 228.7        | 44.0             | 228.7         | 106.0              | 228.7         |
| 235.4        | 516    | 235.4        | 40.0             | 235.4        | 1.0              | 235.4        | 5.0              | 235.4         | 95.0               | 235.4         |
| 242.2        | 513    | 242.2        | 102.0            | 242.2        | -12.0            | 242.2        | 18.0             | 242.2         | 46.0               | 242.2         |
| 249.0        | 482    | 249.0        | 66.0             | 249.0        | -8.0             | 249.0        | -7.0             | 249.0         | 63.0               | 249.0         |
| 255.7        | 522    | 255.7        | 63.0             | 255.7        | -8.0             | 255.7        | 39.0             | 255.7         | 2.0                | 255.7         |
| 262.5        | 459    | 262.5        | 92.0             | 262.5        | 11.0             | 262.5        | 58.0             | 262.5         | -28.0              | 262.5         |
| 269.3        | 458    | 269.3        | 91.0             | 269.3        | 14.0             | 269.3        | 49.0             | 269.3         | -16.0              | 269.3         |

| $E\#2$ / keV | $N\#2$ | $E\#4$ / keV | $\Delta_{30}\#4$ | $E\#6$ / keV | $\Delta_{60}\#6$ | $E\#8$ / keV | $\Delta_{90}\#8$ | $E\#10$ / keV | $\Delta_{120}\#10$ | $E\#12$ / keV |
|--------------|--------|--------------|------------------|--------------|------------------|--------------|------------------|---------------|--------------------|---------------|
| 276.0        | 507    | 276.0        | 68.0             | 276.0        | 39.0             | 276.0        | 84.0             | 276.0         | 1.0                | 276.0         |
| 282.8        | 524    | 282.8        | 62.0             | 282.8        | 25.0             | 282.8        | 82.0             | 282.8         | 0.0                | 282.8         |
| 289.6        | 443    | 289.6        | 78.0             | 289.6        | -17.0            | 289.6        | 80.0             | 289.6         | 4.0                | 289.6         |
| 296.3        | 481    | 296.3        | 89.0             | 296.3        | -3.0             | 296.3        | 82.0             | 296.3         | -12.0              | 296.3         |
| 303.1        | 505    | 303.1        | 66.0             | 303.1        | 11.0             | 303.1        | 52.0             | 303.1         | -1.0               | 303.1         |
| 309.9        | 446    | 309.9        | 44.0             | 309.9        | 16.0             | 309.9        | 43.0             | 309.9         | 14.0               | 309.9         |
| 316.6        | 493    | 316.6        | 51.0             | 316.6        | 23.0             | 316.6        | 16.0             | 316.6         | -7.0               | 316.6         |
| 323.4        | 482    | 323.4        | 37.0             | 323.4        | -3.0             | 323.4        | 27.0             | 323.4         | -16.0              | 323.4         |
| 330.2        | 470    | 330.2        | 77.0             | 330.2        | 33.0             | 330.2        | 2.0              | 330.2         | -7.0               | 330.2         |
| 336.9        | 490    | 336.9        | 62.0             | 336.9        | 27.0             | 336.9        | 5.0              | 336.9         | -8.0               | 336.9         |
| 343.7        | 483    | 343.7        | 75.0             | 343.7        | 13.0             | 343.7        | 9.0              | 343.7         | 14.0               | 343.7         |
| 350.5        | 508    | 350.5        | 32.0             | 350.5        | 24.0             | 350.5        | 20.0             | 350.5         | -14.0              | 350.5         |
| 357.2        | 457    | 357.2        | 51.0             | 357.2        | 21.0             | 357.2        | -25.0            | 357.2         | 2.0                | 357.2         |
| 364.0        | 462    | 364.0        | 57.0             | 364.0        | 45.0             | 364.0        | -2.0             | 364.0         | 8.0                | 364.0         |
| 370.7        | 486    | 370.7        | 12.0             | 370.7        | 63.0             | 370.7        | -3.0             | 370.7         | -5.0               | 370.7         |
| 377.5        | 490    | 377.5        | 41.0             | 377.5        | 64.0             | 377.5        | 0.0              | 377.5         | 15.0               | 377.5         |
| 384.3        | 499    | 384.3        | 55.0             | 384.3        | 65.0             | 384.3        | 5.0              | 384.3         | -4.0               | 384.3         |
| 391.0        | 496    | 391.0        | 44.0             | 391.0        | 58.0             | 391.0        | 8.0              | 391.0         | 21.0               | 391.0         |
| 397.8        | 537    | 397.8        | 61.0             | 397.8        | 70.0             | 397.8        | -19.0            | 397.8         | 0.0                | 397.8         |
| 404.6        | 502    | 404.6        | 79.0             | 404.6        | 76.0             | 404.6        | -7.0             | 404.6         | 0.0                | 404.6         |
| 411.3        | 484    | 411.3        | 95.0             | 411.3        | 50.0             | 411.3        | -13.0            | 411.3         | -2.0               | 411.3         |
| 418.1        | 503    | 418.1        | 49.0             | 418.1        | 61.0             | 418.1        | -16.0            | 418.1         | -12.0              | 418.1         |
| 424.9        | 515    | 424.9        | 70.0             | 424.9        | 39.0             | 424.9        | 3.0              | 424.9         | 7.0                | 424.9         |
| 431.6        | 479    | 431.6        | 60.0             | 431.6        | 23.0             | 431.6        | 1.0              | 431.6         | -21.0              | 431.6         |
| 438.4        | 494    | 438.4        | 25.0             | 438.4        | 22.0             | 438.4        | 10.0             | 438.4         | 14.0               | 438.4         |
| 445.2        | 468    | 445.2        | 62.0             | 445.2        | 28.0             | 445.2        | 3.0              | 445.2         | 13.0               | 445.2         |
| 451.9        | 444    | 451.9        | 48.0             | 451.9        | 4.0              | 451.9        | -7.0             | 451.9         | -11.0              | 451.9         |
| 458.7        | 405    | 458.7        | 44.0             | 458.7        | 18.0             | 458.7        | -10.0            | 458.7         | -9.0               | 458.7         |
| 465.5        | 392    | 465.5        | 34.0             | 465.5        | -5.0             | 465.5        | -1.0             | 465.5         | -17.0              | 465.5         |
| 472.2        | 348    | 472.2        | 35.0             | 472.2        | 13.0             | 472.2        | 7.0              | 472.2         | -8.0               | 472.2         |
| 479.0        | 301    | 479.0        | 30.0             | 479.0        | 4.0              | 479.0        | -4.0             | 479.0         | -14.0              | 479.0         |
| 485.8        | 280    | 485.8        | 54.0             | 485.8        | -8.0             | 485.8        | 22.0             | 485.8         | 2.0                | 485.8         |
| 492.5        | 257    | 492.5        | 34.0             | 492.5        | 10.0             | 492.5        | 2.0              | 492.5         | 31.0               | 492.5         |
| 499.3        | 268    | 499.3        | 44.0             | 499.3        | 7.0              | 499.3        | -1.0             | 499.3         | 3.0                | 499.3         |
| 506.1        | 244    | 506.1        | 52.0             | 506.1        | 7.0              | 506.1        | -1.0             | 506.1         | -13.0              | 506.1         |
| 512.8        | 235    | 512.8        | 61.0             | 512.8        | -2.0             | 512.8        | -3.0             | 512.8         | 1.0                | 512.8         |
| 519.6        | 254    | 519.6        | 90.0             | 519.6        | 6.0              | 519.6        | 12.0             | 519.6         | -20.0              | 519.6         |
| 526.4        | 218    | 526.4        | 114.0            | 526.4        | 11.0             | 526.4        | 5.0              | 526.4         | 13.0               | 526.4         |
| 533.1        | 248    | 533.1        | 85.0             | 533.1        | 18.0             | 533.1        | 5.0              | 533.1         | -8.0               | 533.1         |
| 539.9        | 209    | 539.9        | 78.0             | 539.9        | 13.0             | 539.9        | -11.0            | 539.9         | -10.0              | 539.9         |
| 546.6        | 199    | 546.6        | 133.0            | 546.6        | -17.0            | 546.6        | -14.0            | 546.6         | -11.0              | 546.6         |
| 553.4        | 189    | 553.4        | 108.0            | 553.4        | -6.0             | 553.4        | -3.0             | 553.4         | 1.0                | 553.4         |

| $E\#2$ / keV | $N\#2$ | $E\#4$ / keV | $\Delta_{30}\#4$ | $E\#6$ / keV | $\Delta_{60}\#6$ | $E\#8$ / keV | $\Delta_{90}\#8$ | $E\#10$ / keV | $\Delta_{120}\#10$ | $E\#12$ / keV |
|--------------|--------|--------------|------------------|--------------|------------------|--------------|------------------|---------------|--------------------|---------------|
| 560.2        | 182    | 560.2        | 116.0            | 560.2        | -4.0             | 560.2        | 4.0              | 560.2         | 1.0                | 560.2         |
| 566.9        | 206    | 566.9        | 108.0            | 566.9        | 3.0              | 566.9        | -12.0            | 566.9         | -6.0               | 566.9         |
| 573.7        | 193    | 573.7        | 124.0            | 573.7        | -9.0             | 573.7        | 0.0              | 573.7         | -3.0               | 573.7         |
| 580.5        | 187    | 580.5        | 83.0             | 580.5        | -11.0            | 580.5        | 4.0              | 580.5         | -9.0               | 580.5         |
| 587.2        | 214    | 587.2        | 83.0             | 587.2        | 13.0             | 587.2        | 19.0             | 587.2         | 1.0                | 587.2         |
| 594.0        | 211    | 594.0        | 79.0             | 594.0        | 6.0              | 594.0        | 2.0              | 594.0         | -8.0               | 594.0         |
| 600.8        | 246    | 600.8        | 58.0             | 600.8        | -5.0             | 600.8        | 1.0              | 600.8         | -12.0              | 600.8         |
| 607.5        | 303    | 607.5        | 45.0             | 607.5        | 5.0              | 607.5        | 2.0              | 607.5         | -3.0               | 607.5         |
| 614.3        | 430    | 614.3        | 27.0             | 614.3        | 0.0              | 614.3        | -5.0             | 614.3         | -7.0               | 614.3         |
| 621.1        | 640    | 621.1        | 22.0             | 621.1        | -3.0             | 621.1        | -4.0             | 621.1         | -1.0               | 621.1         |
| 627.8        | 872    | 627.8        | 64.0             | 627.8        | -12.0            | 627.8        | 1.0              | 627.8         | -8.0               | 627.8         |
| 634.6        | 1231   | 634.6        | 60.0             | 634.6        | -7.0             | 634.6        | 7.0              | 634.6         | -3.0               | 634.6         |
| 641.4        | 1884   | 641.4        | 111.0            | 641.4        | 19.0             | 641.4        | 19.0             | 641.4         | -6.0               | 641.4         |
| 648.1        | 2021   | 648.1        | 75.0             | 648.1        | 1.0              | 648.1        | -7.0             | 648.1         | -6.0               | 648.1         |
| 654.9        | 2274   | 654.9        | 83.0             | 654.9        | -1.0             | 654.9        | 13.0             | 654.9         | 4.0                | 654.9         |
| 661.7        | 2275   | 661.7        | 102.0            | 661.7        | -17.0            | 661.7        | -8.0             | 661.7         | 0.0                | 661.7         |
| 668.4        | 2022   | 668.4        | 64.0             | 668.4        | -1.0             | 668.4        | 5.0              | 668.4         | 8.0                | 668.4         |
| 675.2        | 1689   | 675.2        | 72.0             | 675.2        | 8.0              | 675.2        | -3.0             | 675.2         | -1.0               | 675.2         |
| 682.0        | 1193   | 682.0        | 54.0             | 682.0        | 0.0              | 682.0        | -7.0             | 682.0         | 3.0                | 682.0         |
| 688.7        | 827    | 688.7        | 13.0             | 688.7        | 6.0              | 688.7        | 2.0              | 688.7         | 10.0               | 688.7         |
| 695.5        | 470    | 695.5        | 15.0             | 695.5        | -2.0             | 695.5        | -7.0             | 695.5         | -1.0               | 695.5         |
| 702.3        | 257    | 702.3        | 17.0             | 702.3        | -13.0            | 702.3        | 9.0              | 702.3         | 4.0                | 702.3         |
| 709.0        | 101    | 709.0        | -4.0             | 709.0        | 13.0             | 709.0        | -10.0            | 709.0         | -18.0              | 709.0         |
| 715.8        | 47     | 715.8        | 9.0              | 715.8        | -8.0             | 715.8        | -8.0             | 715.8         | 2.0                | 715.8         |
| 722.5        | 22     | 722.5        | -8.0             | 722.5        | -12.0            | 722.5        | -1.0             | 722.5         | -1.0               | 722.5         |
| 729.3        | 16     | 729.3        | -7.0             | 729.3        | 3.0              | 729.3        | -2.0             | 729.3         | -10.0              | 729.3         |
| 736.1        | 4      | 736.1        | 7.0              | 736.1        | 0.0              | 736.1        | -7.0             | 736.1         | 6.0                | 736.1         |
| 742.8        | 9      | 742.8        | 0.0              | 742.8        | 0.0              | 742.8        | -8.0             | 742.8         | -9.0               | 742.8         |
| 749.6        | 7      | 749.6        | 5.0              | 749.6        | -18.0            | 749.6        | 5.0              | 749.6         | 5.0                | 749.6         |
| 756.4        | 4      | 756.4        | -9.0             | 756.4        | -2.0             | 756.4        | 5.0              | 756.4         | 12.0               | 756.4         |
| 763.1        | 6      | 763.1        | 8.0              | 763.1        | -4.0             | 763.1        | 3.0              | 763.1         | -3.0               | 763.1         |
| 769.9        | 2      | 769.9        | -4.0             | 769.9        | 1.0              | 769.9        | -1.0             | 769.9         | 6.0                | 769.9         |
| 776.7        | 4      | 776.7        | 9.0              | 776.7        | 4.0              | 776.7        | -12.0            | 776.7         | 2.0                | 776.7         |
| 783.4        | 4      | 783.4        | -2.0             | 783.4        | 9.0              | 783.4        | 1.0              | 783.4         | -7.0               | 783.4         |
| 790.2        | 6      | 790.2        | -1.0             | 790.2        | 3.0              | 790.2        | 6.0              | 790.2         | -3.0               | 790.2         |
| 797.0        | 4      | 797.0        | -4.0             | 797.0        | 7.0              | 797.0        | 9.0              | 797.0         | 10.0               | 797.0         |
| 803.7        | 7      | 803.7        | 7.0              | 803.7        | -5.0             | 803.7        | 6.0              | 803.7         | -6.0               | 803.7         |
| 810.5        | 4      | 810.5        | 1.0              | 810.5        | -7.0             | 810.5        | 4.0              | 810.5         | -4.0               | 810.5         |
| 817.3        | 8      | 817.3        | 4.0              | 817.3        | 0.0              | 817.3        | -6.0             | 817.3         | 10.0               | 817.3         |
| 824.0        | 7      | 824.0        | 2.0              | 824.0        | -4.0             | 824.0        | 3.0              | 824.0         | 5.0                | 824.0         |
| 830.8        | 10     | 830.8        | 17.0             | 830.8        | 1.0              | 830.8        | -2.0             | 830.8         | 8.0                | 830.8         |
| 837.6        | 3      | 837.6        | 1.0              | 837.6        | 4.0              | 837.6        | -6.0             | 837.6         | 4.0                | 837.6         |

| $E\#2$ / keV | $N\#2$ | $E\#4$ / keV | $\Delta_{30}\#4$ | $E\#6$ / keV | $\Delta_{60}\#6$ | $E\#8$ / keV | $\Delta_{90}\#8$ | $E\#10$ / keV | $\Delta_{120}\#10$ | $E\#12$ / keV |
|--------------|--------|--------------|------------------|--------------|------------------|--------------|------------------|---------------|--------------------|---------------|
| 844.3        | 2      | 844.3        | 1.0              | 844.3        | -1.0             | 844.3        | 3.0              | 844.3         | -1.0               | 844.3         |
| 851.1        | 1      | 851.1        | 5.0              | 851.1        | -3.0             | 851.1        | 7.0              | 851.1         | 11.0               | 851.1         |
| 857.9        | 3      | 857.9        | 6.0              | 857.9        | -2.0             | 857.9        | 10.0             | 857.9         | -1.0               | 857.9         |
| 864.6        | 3      | 864.6        | -5.0             | 864.6        | 5.0              | 864.6        | -4.0             | 864.6         | -8.0               | 864.6         |
| 871.4        | 4      | 871.4        | 2.0              | 871.4        | -6.0             | 871.4        | -4.0             | 871.4         | 0.0                | 871.4         |
| 878.2        | 2      | 878.2        | -1.0             | 878.2        | -4.0             | 878.2        | -2.0             | 878.2         | 6.0                | 878.2         |
| 884.9        | 4      | 884.9        | 5.0              | 884.9        | 0.0              | 884.9        | 6.0              | 884.9         | -4.0               | 884.9         |
| 891.7        | 8      | 891.7        | 4.0              | 891.7        | -4.0             | 891.7        | -3.0             | 891.7         | 8.0                | 891.7         |
| 898.4        | 3      | 898.4        | 12.0             | 898.4        | -1.0             | 898.4        | 11.0             | 898.4         | -7.0               | 898.4         |
| 905.2        | 4      | 905.2        | 7.0              | 905.2        | -3.0             | 905.2        | -2.0             | 905.2         | 1.0                | 905.2         |
| 912.0        | 0      | 912.0        | 10.0             | 912.0        | -2.0             | 912.0        | 2.0              | 912.0         | -8.0               | 912.0         |
| 918.7        | 4      | 918.7        | -2.0             | 918.7        | -3.0             | 918.7        | 3.0              | 918.7         | 12.0               | 918.7         |
| 925.5        | 5      | 925.5        | -3.0             | 925.5        | 4.0              | 925.5        | -8.0             | 925.5         | -8.0               | 925.5         |
| 932.3        | 8      | 932.3        | -5.0             | 932.3        | 0.0              | 932.3        | -2.0             | 932.3         | 12.0               | 932.3         |
| 939.0        | 2      | 939.0        | 2.0              | 939.0        | 0.0              | 939.0        | 14.0             | 939.0         | -3.0               | 939.0         |
| 945.8        | 1      | 945.8        | 9.0              | 945.8        | -8.0             | 945.8        | 0.0              | 945.8         | 4.0                | 945.8         |
| 952.6        | 1      | 952.6        | -2.0             | 952.6        | 19.0             | 952.6        | 3.0              | 952.6         | -3.0               | 952.6         |
| 959.3        | 1      | 959.3        | -5.0             | 959.3        | 3.0              | 959.3        | -10.0            | 959.3         | 3.0                | 959.3         |
| 966.1        | 4      | 966.1        | -9.0             | 966.1        | 0.0              | 966.1        | 2.0              | 966.1         | 3.0                | 966.1         |
| 972.9        | 4      | 972.9        | -1.0             | 972.9        | 6.0              | 972.9        | 0.0              | 972.9         | 0.0                | 972.9         |
| 979.6        | 3      | 979.6        | 4.0              | 979.6        | 2.0              | 979.6        | -4.0             | 979.6         | -3.0               | 979.6         |
| 986.4        | 2      | 986.4        | -5.0             | 986.4        | -6.0             | 986.4        | -5.0             | 986.4         | 8.0                | 986.4         |
| 993.2        | 3      | 993.2        | -4.0             | 993.2        | 6.0              | 993.2        | 0.0              | 993.2         | 3.0                | 993.2         |
| 999.9        | 4      | 999.9        | -1.0             | 999.9        | 6.0              | 999.9        | 4.0              | 999.9         | 16.0               | 999.9         |
| 1006.7       | 2      | 1006.7       | 0.0              | 1006.7       | 4.0              | 1006.7       | -3.0             | 1006.7        | 8.0                | 1006.7        |
| 1013.5       | 5      | 1013.5       | -1.0             | 1013.5       | -6.0             | 1013.5       | -7.0             | 1013.5        | 3.0                | 1013.5        |
| 1020.2       | 5      | 1020.2       | -3.0             | 1020.2       | -5.0             | 1020.2       | -3.0             | 1020.2        | 0.0                | 1020.2        |
| 1027.0       | 3      | 1027.0       | 1.0              | 1027.0       | -4.0             | 1027.0       | 6.0              | 1027.0        | 10.0               | 1027.0        |
| 1033.8       | 3      | 1033.8       | -6.0             | 1033.8       | 6.0              | 1033.8       | 2.0              | 1033.8        | -1.0               | 1033.8        |
| 1040.5       | 2      | 1040.5       | 2.0              | 1040.5       | -3.0             | 1040.5       | 2.0              | 1040.5        | 9.0                | 1040.5        |
| 1047.3       | 7      | 1047.3       | -8.0             | 1047.3       | 9.0              | 1047.3       | -10.0            | 1047.3        | 1.0                | 1047.3        |
| 1054.1       | 4      | 1054.1       | -1.0             | 1054.1       | 5.0              | 1054.1       | -1.0             | 1054.1        | 6.0                | 1054.1        |
| 1060.8       | 2      | 1060.8       | 8.0              | 1060.8       | -3.0             | 1060.8       | 3.0              | 1060.8        | -9.0               | 1060.8        |
| 1067.6       | 1      | 1067.6       | 3.0              | 1067.6       | -2.0             | 1067.6       | 2.0              | 1067.6        | 10.0               | 1067.6        |
| 1074.3       | 1      | 1074.3       | -3.0             | 1074.3       | -2.0             | 1074.3       | -3.0             | 1074.3        | -3.0               | 1074.3        |
| 1081.1       | 3      | 1081.1       | 4.0              | 1081.1       | -1.0             | 1081.1       | 3.0              | 1081.1        | -4.0               | 1081.1        |
| 1087.9       | 5      | 1087.9       | -4.0             | 1087.9       | -7.0             | 1087.9       | -7.0             | 1087.9        | -9.0               | 1087.9        |
| 1094.6       | 1      | 1094.6       | 7.0              | 1094.6       | 4.0              | 1094.6       | 3.0              | 1094.6        | -8.0               | 1094.6        |
| 1101.4       | 1      | 1101.4       | 4.0              | 1101.4       | 0.0              | 1101.4       | 5.0              | 1101.4        | 14.0               | 1101.4        |
| 1108.2       | 1      | 1108.2       | 0.0              | 1108.2       | 6.0              | 1108.2       | 8.0              | 1108.2        | -9.0               | 1108.2        |
| 1114.9       | 3      | 1114.9       | 8.0              | 1114.9       | -3.0             | 1114.9       | -1.0             | 1114.9        | 1.0                | 1114.9        |
| 1121.7       | 4      | 1121.7       | 4.0              | 1121.7       | -10.0            | 1121.7       | -7.0             | 1121.7        | 7.0                | 1121.7        |

| $E\#2$ / keV | $N\#2$ | $E\#4$ / keV | $\Delta_{30}\#4$ | $E\#6$ / keV | $\Delta_{60}\#6$ | $E\#8$ / keV | $\Delta_{90}\#8$ | $E\#10$ / keV | $\Delta_{120}\#10$ | $E\#12$ / keV |
|--------------|--------|--------------|------------------|--------------|------------------|--------------|------------------|---------------|--------------------|---------------|
| 1128.5       | 3      | 1128.5       | -6.0             | 1128.5       | -1.0             | 1128.5       | 6.0              | 1128.5        | -5.0               | 1128.5        |
| 1135.2       | 1      | 1135.2       | -1.0             | 1135.2       | 0.0              | 1135.2       | 5.0              | 1135.2        | -1.0               | 1135.2        |
| 1142.0       | 5      | 1142.0       | -7.0             | 1142.0       | 8.0              | 1142.0       | -6.0             | 1142.0        | 4.0                | 1142.0        |
| 1148.8       | 1      | 1148.8       | -4.0             | 1148.8       | -3.0             | 1148.8       | 14.0             | 1148.8        | -9.0               | 1148.8        |
| 1155.5       | 3      | 1155.5       | -4.0             | 1155.5       | -6.0             | 1155.5       | -4.0             | 1155.5        | 2.0                | 1155.5        |
| 1162.3       | 2      | 1162.3       | 0.0              | 1162.3       | 2.0              | 1162.3       | -4.0             | 1162.3        | 2.0                | 1162.3        |
| 1169.1       | 0      | 1169.1       | -3.0             | 1169.1       | -5.0             | 1169.1       | -7.0             | 1169.1        | -4.0               | 1169.1        |
| 1175.8       | 5      | 1175.8       | 0.0              | 1175.8       | 2.0              | 1175.8       | -4.0             | 1175.8        | 3.0                | 1175.8        |
| 1182.6       | 2      | 1182.6       | -3.0             | 1182.6       | -9.0             | 1182.6       | 10.0             | 1182.6        | -4.0               | 1182.6        |
| 1189.4       | 6      | 1189.4       | -1.0             | 1189.4       | 8.0              | 1189.4       | 0.0              | 1189.4        | 1.0                | 1189.4        |
| 1196.1       | 0      | 1196.1       | 8.0              | 1196.1       | -1.0             | 1196.1       | -1.0             | 1196.1        | 1.0                | 1196.1        |
| 1202.9       | 0      | 1202.9       | 1.0              | 1202.9       | 5.0              | 1202.9       | -4.0             | 1202.9        | 6.0                | 1202.9        |
| 1209.7       | 0      | 1209.7       | 3.0              | 1209.7       | -3.0             | 1209.7       | -1.0             | 1209.7        | -1.0               | 1209.7        |
| 1216.4       | 2      | 1216.4       | -2.0             | 1216.4       | 8.0              | 1216.4       | -3.0             | 1216.4        | 4.0                | 1216.4        |
| 1223.2       | 1      | 1223.2       | -1.0             | 1223.2       | -6.0             | 1223.2       | 5.0              | 1223.2        | 3.0                | 1223.2        |
| 1230.0       | 1      | 1230.0       | -4.0             | 1230.0       | -1.0             | 1230.0       | 4.0              | 1230.0        | 0.0                | 1230.0        |
| 1236.7       | 0      | 1236.7       | 11.0             | 1236.7       | -6.0             | 1236.7       | 3.0              | 1236.7        | 3.0                | 1236.7        |
| 1243.5       | 1      | 1243.5       | -5.0             | 1243.5       | 5.0              | 1243.5       | 5.0              | 1243.5        | 8.0                | 1243.5        |
| 1250.2       | 0      | 1250.2       | 2.0              | 1250.2       | 0.0              | 1250.2       | -3.0             | 1250.2        | 4.0                | 1250.2        |
| 1257.0       | 2      | 1257.0       | -2.0             | 1257.0       | -1.0             | 1257.0       | -2.0             | 1257.0        | 4.0                | 1257.0        |
| 1263.8       | 1      | 1263.8       | -4.0             | 1263.8       | -1.0             | 1263.8       | 3.0              | 1263.8        | -3.0               | 1263.8        |
| 1270.5       | 2      | 1270.5       | -7.0             | 1270.5       | -1.0             | 1270.5       | 3.0              | 1270.5        | 0.0                | 1270.5        |
| 1277.3       | 2      | 1277.3       | 4.0              | 1277.3       | 1.0              | 1277.3       | -6.0             | 1277.3        | 1.0                | 1277.3        |
| 1284.1       | 0      | 1284.1       | 2.0              | 1284.1       | 5.0              | 1284.1       | -7.0             | 1284.1        | -3.0               | 1284.1        |
| 1290.8       | 3      | 1290.8       | -3.0             | 1290.8       | -4.0             | 1290.8       | -3.0             | 1290.8        | -3.0               | 1290.8        |
| 1297.6       | 1      | 1297.6       | -2.0             | 1297.6       | 0.0              | 1297.6       | 0.0              | 1297.6        | -3.0               | 1297.6        |
| 1304.4       | 2      | 1304.4       | -1.0             | 1304.4       | 3.0              | 1304.4       | -3.0             | 1304.4        | 0.0                | 1304.4        |
| 1311.1       | 1      | 1311.1       | 0.0              | 1311.1       | 4.0              | 1311.1       | 3.0              | 1311.1        | -3.0               | 1311.1        |
| 1317.9       | 1      | 1317.9       | 1.0              | 1317.9       | -1.0             | 1317.9       | -1.0             | 1317.9        | 1.0                | 1317.9        |
| 1324.7       | 1      | 1324.7       | -4.0             | 1324.7       | 6.0              | 1324.7       | -7.0             | 1324.7        | -1.0               | 1324.7        |
| 1331.4       | 1      | 1331.4       | -1.0             | 1331.4       | -2.0             | 1331.4       | -1.0             | 1331.4        | 14.0               | 1331.4        |
| 1338.2       | 2      | 1338.2       | -6.0             | 1338.2       | -3.0             | 1338.2       | -3.0             | 1338.2        | 2.0                | 1338.2        |
| 1345.0       | 3      | 1345.0       | 2.0              | 1345.0       | 0.0              | 1345.0       | -4.0             | 1345.0        | -2.0               | 1345.0        |
| 1351.7       | 2      | 1351.7       | -2.0             | 1351.7       | 2.0              | 1351.7       | -1.0             | 1351.7        | -3.0               | 1351.7        |
| 1358.5       | 1      | 1358.5       | 4.0              | 1358.5       | 5.0              | 1358.5       | 4.0              | 1358.5        | 0.0                | 1358.5        |
| 1365.3       | 2      | 1365.3       | -5.0             | 1365.3       | -3.0             | 1365.3       | -2.0             | 1365.3        | 3.0                | 1365.3        |
| 1372.0       | 3      | 1372.0       | 3.0              | 1372.0       | -1.0             | 1372.0       | 0.0              | 1372.0        | 4.0                | 1372.0        |
| 1378.8       | 3      | 1378.8       | -1.0             | 1378.8       | -3.0             | 1378.8       | 4.0              | 1378.8        | 11.0               | 1378.8        |
| 1385.6       | 3      | 1385.6       | -2.0             | 1385.6       | 6.0              | 1385.6       | -13.0            | 1385.6        | -5.0               | 1385.6        |
| 1392.3       | 3      | 1392.3       | 2.0              | 1392.3       | 2.0              | 1392.3       | 3.0              | 1392.3        | 2.0                | 1392.3        |
| 1399.1       | 7      | 1399.1       | 7.0              | 1399.1       | 3.0              | 1399.1       | -1.0             | 1399.1        | -1.0               | 1399.1        |
| 1405.9       | 3      | 1405.9       | -2.0             | 1405.9       | 1.0              | 1405.9       | 6.0              | 1405.9        | -4.0               | 1405.9        |

| $E\#2$ / keV | $N\#2$ | $E\#4$ / keV | $\Delta_{30}\#4$ | $E\#6$ / keV | $\Delta_{60}\#6$ | $E\#8$ / keV | $\Delta_{90}\#8$ | $E\#10$ / keV | $\Delta_{120}\#10$ | $E\#12$ / keV |
|--------------|--------|--------------|------------------|--------------|------------------|--------------|------------------|---------------|--------------------|---------------|
| 1412.6       | 1      | 1412.6       | 11.0             | 1412.6       | 7.0              | 1412.6       | 10.0             | 1412.6        | 1.0                | 1412.6        |
| 1419.4       | 0      | 1419.4       | 2.0              | 1419.4       | 1.0              | 1419.4       | -5.0             | 1419.4        | 0.0                | 1419.4        |
| 1426.1       | 4      | 1426.1       | -2.0             | 1426.1       | 6.0              | 1426.1       | 6.0              | 1426.1        | 4.0                | 1426.1        |
| 1432.9       | 2      | 1432.9       | -3.0             | 1432.9       | 1.0              | 1432.9       | 3.0              | 1432.9        | 4.0                | 1432.9        |
| 1439.7       | 3      | 1439.7       | -1.0             | 1439.7       | 6.0              | 1439.7       | -7.0             | 1439.7        | -6.0               | 1439.7        |
| 1446.4       | 1      | 1446.4       | -4.0             | 1446.4       | -2.0             | 1446.4       | 3.0              | 1446.4        | 1.0                | 1446.4        |
| 1453.2       | 5      | 1453.2       | 2.0              | 1453.2       | 3.0              | 1453.2       | -3.0             | 1453.2        | 1.0                | 1453.2        |
| 1460.0       | 3      | 1460.0       | -7.0             | 1460.0       | 5.0              | 1460.0       | -2.0             | 1460.0        | 0.0                | 1460.0        |
| 1466.7       | 3      | 1466.7       | -1.0             | 1466.7       | 3.0              | 1466.7       | -6.0             | 1466.7        | 0.0                | 1466.7        |
| 1473.5       | 2      | 1473.5       | 0.0              | 1473.5       | 4.0              | 1473.5       | 3.0              | 1473.5        | 6.0                | 1473.5        |
| 1480.3       | 2      | 1480.3       | 4.0              | 1480.3       | -5.0             | 1480.3       | 0.0              | 1480.3        | -1.0               | 1480.3        |
| 1487.0       | 3      | 1487.0       | -3.0             | 1487.0       | 0.0              | 1487.0       | 1.0              | 1487.0        | -3.0               | 1487.0        |
| 1493.8       | 3      | 1493.8       | -4.0             | 1493.8       | 2.0              | 1493.8       | 2.0              | 1493.8        | 3.0                | 1493.8        |
| 1500.6       | 1      | 1500.6       | -5.0             | 1500.6       | 5.0              | 1500.6       | -2.0             | 1500.6        | 0.0                | 1500.6        |
| 1507.3       | 0      | 1507.3       | 0.0              | 1507.3       | -2.0             | 1507.3       | 1.0              | 1507.3        | 0.0                | 1507.3        |
| 1514.1       | 1      | 1514.1       | -1.0             | 1514.1       | 1.0              | 1514.1       | -7.0             | 1514.1        | -1.0               | 1514.1        |
| 1520.9       | 0      | 1520.9       | -2.0             | 1520.9       | 4.0              | 1520.9       | -1.0             | 1520.9        | -2.0               | 1520.9        |
| 1527.6       | 1      | 1527.6       | 3.0              | 1527.6       | 2.0              | 1527.6       | 3.0              | 1527.6        | 0.0                | 1527.6        |
| 1534.4       | 2      | 1534.4       | 2.0              | 1534.4       | 4.0              | 1534.4       | -1.0             | 1534.4        | -4.0               | 1534.4        |
| 1541.2       | 2      | 1541.2       | -4.0             | 1541.2       | 1.0              | 1541.2       | -1.0             | 1541.2        | -1.0               | 1541.2        |
| 1547.9       | 1      | 1547.9       | 2.0              | 1547.9       | -1.0             | 1547.9       | 2.0              | 1547.9        | -1.0               | 1547.9        |
| 1554.7       | 1      | 1554.7       | -1.0             | 1554.7       | 1.0              | 1554.7       | 3.0              | 1554.7        | -1.0               | 1554.7        |
| 1561.5       | 2      | 1561.5       | 2.0              | 1561.5       | -1.0             | 1561.5       | -3.0             | 1561.5        | -3.0               | 1561.5        |
| 1568.2       | 1      | 1568.2       | 1.0              | 1568.2       | 6.0              | 1568.2       | 0.0              | 1568.2        | 2.0                | 1568.2        |
| 1575.0       | 0      | 1575.0       | -4.0             | 1575.0       | -5.0             | 1575.0       | -3.0             | 1575.0        | -1.0               | 1575.0        |
| 1581.8       | 1      | 1581.8       | 0.0              | 1581.8       | 3.0              | 1581.8       | -3.0             | 1581.8        | 0.0                | 1581.8        |
| 1588.5       | 0      | 1588.5       | -3.0             | 1588.5       | -2.0             | 1588.5       | -2.0             | 1588.5        | -2.0               | 1588.5        |
| 1595.3       | 1      | 1595.3       | 3.0              | 1595.3       | -1.0             | 1595.3       | 0.0              | 1595.3        | 0.0                | 1595.3        |
| 1602.0       | 0      | 1602.0       | 4.0              | 1602.0       | -3.0             | 1602.0       | -2.0             | 1602.0        | 2.0                | 1602.0        |
| 1608.8       | 0      | 1608.8       | 0.0              | 1608.8       | -1.0             | 1608.8       | 1.0              | 1608.8        | -5.0               | 1608.8        |
| 1615.6       | 0      | 1615.6       | -1.0             | 1615.6       | -1.0             | 1615.6       | 1.0              | 1615.6        | -2.0               | 1615.6        |
| 1622.3       | 0      | 1622.3       | -1.0             | 1622.3       | -2.0             | 1622.3       | 0.0              | 1622.3        | 5.0                | 1622.3        |
| 1629.1       | 0      | 1629.1       | -2.0             | 1629.1       | -1.0             | 1629.1       | -2.0             | 1629.1        | -1.0               | 1629.1        |
| 1635.9       | 1      | 1635.9       | -3.0             | 1635.9       | -3.0             | 1635.9       | 2.0              | 1635.9        | -5.0               | 1635.9        |
| 1642.6       | 1      | 1642.6       | -1.0             | 1642.6       | 0.0              | 1642.6       | -3.0             | 1642.6        | 1.0                | 1642.6        |
| 1649.4       | 1      | 1649.4       | 2.0              | 1649.4       | 2.0              | 1649.4       | -1.0             | 1649.4        | -3.0               | 1649.4        |
| 1656.2       | 0      | 1656.2       | -2.0             | 1656.2       | 0.0              | 1656.2       | 2.0              | 1656.2        | 2.0                | 1656.2        |
| 1662.9       | 0      | 1662.9       | 3.0              | 1662.9       | -2.0             | 1662.9       | -4.0             | 1662.9        | -1.0               | 1662.9        |
| 1669.7       | 0      | 1669.7       | 0.0              | 1669.7       | 7.0              | 1669.7       | -2.0             | 1669.7        | -2.0               | 1669.7        |
| 1676.5       | 0      | 1676.5       | -3.0             | 1676.5       | -2.0             | 1676.5       | 4.0              | 1676.5        | 1.0                | 1676.5        |
| 1683.2       | 1      | 1683.2       | 5.0              | 1683.2       | -1.0             | 1683.2       | 3.0              | 1683.2        | -1.0               | 1683.2        |
| 1690.0       | 0      | 1690.0       | -3.0             | 1690.0       | -3.0             | 1690.0       | -3.0             | 1690.0        | 0.0                | 1690.0        |

| $E\#2$ / keV | $N\#2$ | $E\#4$ / keV | $\Delta_{30}\#4$ | $E\#6$ / keV | $\Delta_{60}\#6$ | $E\#8$ / keV | $\Delta_{90}\#8$ | $E\#10$ / keV | $\Delta_{120}\#10$ | $E\#12$ / keV |
|--------------|--------|--------------|------------------|--------------|------------------|--------------|------------------|---------------|--------------------|---------------|
| 1696.8       | 2      | 1696.8       | -2.0             | 1696.8       | -1.0             | 1696.8       | 2.0              | 1696.8        | -1.0               | 1696.8        |
| 1703.5       | 1      | 1703.5       | 0.0              | 1703.5       | 0.0              | 1703.5       | 0.0              | 1703.5        | -5.0               | 1703.5        |
| 1710.3       | 0      | 1710.3       | -1.0             | 1710.3       | 1.0              | 1710.3       | 1.0              | 1710.3        | 2.0                | 1710.3        |
| 1717.1       | 4      | 1717.1       | -4.0             | 1717.1       | 3.0              | 1717.1       | 3.0              | 1717.1        | -1.0               | 1717.1        |