EXPERIMENT
Spectrum Name:
Description:
Student ID:
Detector:
Comments:
Start Time: February 07, 2023, 11:36:14
End Time: February 07, 2023, 11:38:49

SET UP

Acquisition Mode: PHA Direct In		High Voltage: 0
Conversion Gain: 1024 Coarse Gain: 1		Fine Gain: 1.00
Upper Discriminator: 1048 Channels		Lower Discriminator: 14 Channels
Live Time: 151.09 Real Time: 155.43		Percent Dead: 2.79

REGIONS OF INTEREST: Not Calibrated

ROI Start	ROI End	Gross	Net	Centroid	FWHM
14	35	59223	39907	24	10
103	118	12305	415	110	5
274	282	8088	150	278	--
389	406	48985	46815	396	2
874	897	60	59	879	4

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0: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
10: 1 | 6 | 13 | 44 | 280 | 168 | 192 | 306 | 709 | 3283 |
20: 4783 | 4959 | 5249 | 5017 | 4890 | 4596 | 4127 | 3679 | 3033 | 2601 |
30: 2310 | 2159 | 1866 | 1789 | 1672 | 1555 | 1550 | 1499 | 1476 | 1376 |
40: 1410 | 1303 | 1289 | 1217 | 1159 | 1165 | 1125 | 1089 | 1056 | 1024 |
50: 1108 | 984 | 1037 | 949 | 957 | 943 | 875 | 931 | 907 | 874 |
60: 783 | 854 | 853 | 789 | 800 | 797 | 824 | 781 | 744 | 792 |
70: 789 | 786 | 745 | 704 | 726 | 732 | 710 | 730 | 778 | 690 |
80: 706 | 685 | 705 | 665 | 701 | 663 | 721 | 652 | 656 | 638 |
90: 720 | 668 | 703 | 662 | 657 | 632 | 652 | 647 | 698 | 651 |
100: 706 | 646 | 666 | 684 | 688 | 732 | 724 | 761 | 779 | 790 |
110: 801 | 781 | 801 | 802 | 782 | 837 | 756 | 770 | 817 | 838 |
120: 797 | 752 | 761 | 782 | 796 | 763 | 843 | 751 | 787 | 722 |
130: 766 | 770 | 735 | 750 | 749 | 702 | 791 | 776 | 741 | 772 |
140: 725 | 736 | 719 | 687 | 698 | 673 | 735 | 601 | 688 | 676 |
150: 637 | 590 | 646 | 674 | 622 | 696 | 650 | 655 | 678 | 623 |
160: 640 | 647 | 630 | 592 | 589 | 655 | 601 | 555 | 607 | 605 |
170: 588 | 616 | 627 | 613 | 577 | 578 | 592 | 596 | 575 | 607 |
180: 602 | 599 | 601 | 612 | 613 | 581 | 525 | 547 | 578 | 573 |
190: 585 | 584 | 556 | 584 | 640 | 580 | 589 | 535 | 601 | 608 |
200: 610 | 583 | 586 | 563 | 630 | 575 | 640 | 611 | 605 | 565 |
210: 627 | 599 | 612 | 628 | 576 | 615 | 613 | 612 | 617 | 626 |
220: 570 | 614 | 648 | 645 | 666 | 652 | 632 | 645 | 653 | 653 |
230: 613 | 604 | 659 | 591 | 644 | 631 | 645 | 683 | 691 | 639 |
240: 686 | 689 | 662 | 715 | 659 | 680 | 706 | 704 | 748 | 776 |
250: 701 | 715 | 753 | 717 | 771 | 709 | 771 | 720 | 782 | 789 |
260: 830 | 780 | 826 | 866 | 779 | 859 | 817 | 871 | 841 | 880 |
270: 890 | 861 | 875 | 973 | 890 | 893 | 921 | 873 | 917 | 915 |
280: 913 | 925 | 841 | 772 | 683 | 665 | 628 | 535 | 510 | 513 |
290: 444 | 448 | 446 | 419 | 432 | 443 | 420 | 395 | 358 | 394 |
300: 356 | 343 | 343 | 309 | 352 | 354 | 345 | 315 | 313 | 287 |
310: 274 | 246 | 269 | 235 | 226 | 255 | 240 | 247 | 238 | 237 |
320: 198 | 203 | 187 | 199 | 183 | 171 | 184 | 182 | 174 | 151 |
330: 136 | 147 | 131 | 142 | 113 | 127 | 125 | 135 | 102 | 104 |
340: 105 | 93 | 119 | 108 | 102 | 88 | 114 | 97 | 92 | 88 |
350: 98 | 92 | 107 | 107 | 91 | 63 | 96 | 85 | 78 | 72 |
360: 71 | 77 | 88 | 97 | 93 | 90 | 84 | 80 | 86 | 80 |
370: 80 | 76 | 84 | 66 | 91 | 87 | 77 | 69 | 91 | 83 |
380: 72 | 73 | 93 | 101 | 84 | 97 | 97 | 139 | 144 | 170 |
390: 200 | 253 | 362 | 426 | 606 | 1130 | 8571 | 28674 | 6249 | 760 |
400: 490 | 355 | 259 | 185 | 139 | 85 | 71 | 57 | 41 | 29 |
410: 27 | 31 | 19 | 8 | 17 | 14 | 20 | 18 | 13 | 9 |
420: 16 | 9 | 16 | 10 | 12 | 10 | 7 | 5 | 15 | 4 |
430: 6 | 3 | 8 | 7 | 4 | 3 | 3 | 10 | 10 | 4 |
440: 11 | 7 | 6 | 5 | 3 | 6 | 4 | 6 | 8 | 1 |
450: 7 | 6 | 8 | 7 | 6 | 6 | 9 | 7 | 3 | 5 |
460: 5 | 8 | 4 | 7 | 6 | 3 | 2 | 4 | 3 | 8 |
470: 8 | 2 | 6 | 12 | 3 | 3 | 4 | 2 | 7 | 7 |
480: 8 | 7 | 2 | 6 | 3 | 3 | 6 | 1 | 8 | 4 |
490: 9 | 5 | 6 | 2 | 6 | 2 | 3 | 6 | 2 | 3 |
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500: 5 | 5 | 6 | 5 | 3 | 6 | 7 | 1 | 8 | 3 |
510: 6 | 6 | 10 | 3 | 3 | 7 | 4 | 2 | 5 | 4 |
520: 2 | 3 | 3 | 6 | 1 | 5 | 4 | 6 | 3 | 4 |
530: 2 | 3 | 1 | 4 | 4 | 2 | 3 | 4 | 6 | 2 |
540: 4 | 0 | 7 | 1 | 4 | 4 | 7 | 10 | 7 | 5 |
550: 3 | 3 | 2 | 2 | 0 | 3 | 4 | 4 | 2 | 5 |
560: 4 | 1 | 3 | 1 | 1 | 2 | 5 | 5 | 2 | 3 |
570: 0 | 2 | 5 | 7 | 2 | 5 | 1 | 5 | 7 | 5 |
580: 5 | 0 | 8 | 2 | 3 | 3 | 3 | 5 | 4 | 3 |
590: 2 | 4 | 4 | 0 | 5 | 5 | 0 | 5 | 3 | 3 |
600: 1 | 4 | 5 | 1 | 2 | 3 | 5 | 0 | 1 | 1 |
610: 2 | 2 | 2 | 3 | 2 | 3 | 1 | 1 | 1 | 8 |
620: 3 | 4 | 2 | 1 | 3 | 4 | 3 | 2 | 1 | 1 |
630: 2 | 2 | 5 | 1 | 2 | 4 | 1 | 6 | 2 | 2 |
640: 4 | 2 | 2 | 4 | 2 | 4 | 4 | 4 | 0 | 5 |
650: 4 | 1 | 1 | 1 | 7 | 0 | 5 | 4 | 3 | 3 |
660: 5 | 2 | 1 | 2 | 0 | 5 | 2 | 5 | 1 | 2 |
670: 3 | 6 | 1 | 10 | 3 | 5 | 1 | 0 | 3 | 2 |
680: 3 | 1 | 2 | 4 | 0 | 5 | 2 | 0 | 2 | 2 |
690: 4 | 3 | 1 | 1 | 4 | 1 | 2 | 1 | 0 | 0 |
700: 3 | 0 | 1 | 2 | 3 | 1 | 1 | 0 | 3 | 0 |
710: 2 | 3 | 2 | 0 | 1 | 0 | 5 | 2 | 1 | 2 |
720: 2 | 3 | 4 | 0 | 2 | 1 | 2 | 1 | 2 | 2 |
730: 2 | 3 | 2 | 4 | 2 | 2 | 2 | 3 | 2 | 2 |
740: 2 | 2 | 2 | 2 | 5 | 0 | 2 | 1 | 2 | 0 |
750: 2 | 1 | 2 | 2 | 2 | 2 | 4 | 1 | 4 | 3 |
760: 2 | 1 | 3 | 1 | 2 | 3 | 4 | 3 | 1 | 4 |
770: 4 | 2 | 0 | 1 | 0 | 3 | 2 | 0 | 4 | 1 |
780: 2 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 7 | 1 |
790: 1 | 1 | 3 | 3 | 1 | 0 | 2 | 1 | 0 | 1 |
800: 1 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
810: 1 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 3 | 2 |
820: 1 | 0 | 1 | 0 | 2 | 1 | 0 | 1 | 1 | 2 |
830: 1 | 2 | 0 | 0 | 1 | 2 | 3 | 0 | 0 | 0 |
840: 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
850: 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
860: 0 | 0 | 1 | 1 | 0 | 1 | 0 | 3 | 0 | 0 |
870: 2 | 0 | 0 | 1 | 0 | 2 | 5 | 1 | 11 | 14 |
880: 22 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
890: 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
900: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
910: 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
920: 1 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 |
930: 1 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 3 |
940: 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
950: 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 2 |
960: 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
970: 1 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 0 |
980: 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
990: 2 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
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1000: 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
1010: 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
1020: 1 | 1 | 0 | 0 |
```