EXPERIMENT

Spectrum Name:
Description:
Student ID:
Detector:
Comments:
Start Time: February 07, 2023, 08:16:33
End Time: February 07, 2023, 08:17:42

SET UP

Acquisition Mode: PHA Pre-Amp   High Voltage: 800
Conversion Gain: 1024   Coarse Gain: 8   Fine Gain: 1.24
Upper Discriminator: 1048 Channels   Lower Discriminator: 14 Channels
Live Time: 67.34   Real Time: 68.21   Percent Dead: 1.27

REGIONS OF INTEREST: Not Calibrated

ROI Start	ROI End	Gross	Net	Centroid	FWHM
20	36	3214	891	28	10
38	59	5265	1237	48	8
285	350	24434	22055	317	26
723	817	3978	3551	773	38

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0: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
10: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
20: 144 | 125 | 167 | 165 | 185 | 176 | 214 | 221 | 221 | 207 |
30: 234 | 199 | 197 | 179 | 206 | 190 | 184 | 165 | 192 | 216 |
40: 199 | 156 | 210 | 253 | 263 | 307 | 339 | 306 | 310 | 307 |
50: 265 | 238 | 234 | 224 | 245 | 228 | 210 | 203 | 189 | 171 |
60: 168 | 177 | 148 | 152 | 168 | 164 | 167 | 162 | 149 | 166 |
70: 179 | 163 | 141 | 170 | 176 | 184 | 162 | 186 | 178 | 181 |
80: 163 | 162 | 159 | 178 | 200 | 162 | 195 | 171 | 154 | 178 |
90: 160 | 145 | 177 | 181 | 179 | 163 | 180 | 174 | 184 | 159 |
100: 156 | 177 | 178 | 200 | 187 | 190 | 222 | 222 | 201 | 196 |
110: 191 | 237 | 249 | 224 | 233 | 217 | 231 | 220 | 220 | 224 |
120: 212 | 204 | 220 | 238 | 226 | 213 | 211 | 222 | 206 | 187 |
130: 229 | 220 | 211 | 192 | 235 | 214 | 208 | 242 | 207 | 213 |
140: 204 | 208 | 208 | 208 | 197 | 211 | 201 | 201 | 198 | 177 |
150: 227 | 222 | 186 | 175 | 198 | 174 | 221 | 213 | 173 | 190 |
160: 199 | 207 | 178 | 204 | 186 | 190 | 180 | 193 | 183 | 177 |
170: 175 | 175 | 203 | 174 | 189 | 175 | 176 | 175 | 162 | 170 |
180: 158 | 185 | 146 | 165 | 177 | 165 | 173 | 172 | 170 | 188 |
190: 166 | 179 | 154 | 179 | 181 | 176 | 168 | 189 | 147 | 145 |
200: 175 | 169 | 158 | 169 | 150 | 159 | 155 | 155 | 114 | 139 |
210: 112 | 124 | 110 | 92 | 110 | 77 | 106 | 108 | 81 | 99 |
220: 89 | 84 | 75 | 67 | 64 | 98 | 62 | 65 | 71 | 61 |
230: 62 | 57 | 64 | 76 | 68 | 53 | 52 | 59 | 66 | 61 |
240: 48 | 48 | 52 | 61 | 52 | 56 | 43 | 54 | 41 | 59 |
250: 51 | 50 | 51 | 43 | 44 | 48 | 39 | 37 | 50 | 41 |
260: 46 | 41 | 53 | 43 | 60 | 32 | 34 | 35 | 46 | 38 |
270: 33 | 58 | 43 | 35 | 47 | 51 | 67 | 50 | 23 | 53 |
280: 44 | 45 | 46 | 46 | 45 | 55 | 33 | 43 | 56 | 74 |
290: 70 | 88 | 75 | 105 | 105 | 108 | 140 | 168 | 186 | 218 |
300: 269 | 276 | 276 | 366 | 399 | 425 | 489 | 498 | 584 | 614 |
310: 637 | 693 | 682 | 774 | 801 | 809 | 867 | 851 | 863 | 839 |
320: 814 | 826 | 788 | 800 | 761 | 690 | 673 | 672 | 570 | 566 |
330: 500 | 435 | 372 | 386 | 295 | 289 | 234 | 191 | 151 | 128 |
340: 125 | 117 | 96 | 84 | 71 | 66 | 72 | 37 | 39 | 24 |
350: 26 | 38 | 27 | 24 | 30 | 32 | 32 | 18 | 28 | 34 |
360: 24 | 27 | 19 | 14 | 28 | 25 | 19 | 21 | 32 | 20 |
370: 40 | 25 | 20 | 23 | 28 | 34 | 24 | 30 | 18 | 37 |
380: 26 | 21 | 23 | 24 | 26 | 17 | 28 | 25 | 28 | 18 |
390: 33 | 24 | 18 | 25 | 13 | 19 | 21 | 23 | 20 | 24 |
400: 24 | 30 | 16 | 22 | 25 | 22 | 17 | 30 | 29 | 23 |
410: 31 | 29 | 29 | 22 | 24 | 24 | 22 | 24 | 22 | 34 |
420: 26 | 19 | 13 | 30 | 26 | 24 | 29 | 29 | 21 | 28 |
430: 26 | 20 | 39 | 24 | 33 | 14 | 15 | 34 | 26 | 31 |
440: 22 | 22 | 23 | 21 | 20 | 29 | 35 | 29 | 30 | 35 |
450: 25 | 26 | 26 | 28 | 29 | 27 | 19 | 31 | 35 | 23 |
460: 35 | 24 | 26 | 28 | 29 | 30 | 25 | 20 | 19 | 33 |
470: 26 | 22 | 30 | 28 | 26 | 29 | 13 | 30 | 32 | 37 |
480: 28 | 38 | 21 | 26 | 30 | 27 | 25 | 34 | 30 | 21 |
490: 24 | 24 | 19 | 33 | 32 | 19 | 29 | 25 | 28 | 31 |
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500: 23 | 31 | 17 | 19 | 29 | 29 | 25 | 22 | 21 | 21 |
510: 23 | 24 | 23 | 24 | 30 | 29 | 35 | 23 | 35 | 27 |
520: 31 | 31 | 30 | 27 | 34 | 23 | 37 | 34 | 25 | 18 |
530: 35 | 27 | 25 | 27 | 31 | 17 | 21 | 28 | 33 | 25 |
540: 27 | 23 | 29 | 27 | 31 | 23 | 35 | 21 | 22 | 29 |
550: 27 | 29 | 32 | 28 | 25 | 27 | 35 | 28 | 33 | 27 |
560: 22 | 22 | 26 | 32 | 34 | 29 | 43 | 28 | 26 | 29 |
570: 24 | 31 | 40 | 25 | 41 | 34 | 32 | 31 | 28 | 36 |
580: 36 | 26 | 29 | 35 | 27 | 33 | 33 | 30 | 23 | 35 |
590: 25 | 31 | 28 | 30 | 32 | 43 | 28 | 36 | 28 | 22 |
600: 26 | 33 | 30 | 37 | 26 | 37 | 34 | 35 | 28 | 24 |
610: 26 | 26 | 26 | 36 | 26 | 29 | 42 | 29 | 33 | 28 |
620: 29 | 38 | 34 | 28 | 24 | 30 | 26 | 31 | 41 | 33 |
630: 35 | 47 | 29 | 31 | 26 | 25 | 30 | 25 | 18 | 31 |
640: 16 | 32 | 16 | 22 | 24 | 18 | 11 | 20 | 14 | 17 |
650: 22 | 14 | 18 | 19 | 18 | 21 | 14 | 19 | 16 | 17 |
660: 7 | 16 | 15 | 8 | 13 | 16 | 9 | 9 | 9 | 11 |
670: 14 | 13 | 5 | 11 | 5 | 13 | 8 | 5 | 10 | 7 |
680: 3 | 8 | 6 | 9 | 10 | 9 | 6 | 5 | 3 | 8 |
690: 8 | 6 | 7 | 8 | 6 | 11 | 9 | 7 | 4 | 5 |
700: 3 | 3 | 7 | 8 | 5 | 7 | 5 | 5 | 8 | 5 |
710: 5 | 3 | 6 | 6 | 6 | 2 | 8 | 8 | 2 | 6 |
720: 2 | 6 | 2 | 5 | 7 | 3 | 10 | 8 | 9 | 13 |
730: 8 | 11 | 10 | 10 | 10 | 10 | 16 | 13 | 12 | 11 |
740: 16 | 26 | 17 | 18 | 22 | 17 | 37 | 24 | 30 | 30 |
750: 33 | 33 | 36 | 30 | 44 | 48 | 52 | 59 | 59 | 61 |
760: 85 | 60 | 61 | 64 | 87 | 75 | 97 | 72 | 74 | 78 |
770: 85 | 115 | 77 | 70 | 89 | 104 | 72 | 88 | 82 | 99 |
780: 83 | 78 | 85 | 79 | 71 | 69 | 78 | 78 | 68 | 56 |
790: 57 | 62 | 60 | 45 | 52 | 34 | 47 | 38 | 29 | 30 |
800: 30 | 30 | 20 | 30 | 21 | 15 | 21 | 20 | 16 | 16 |
810: 20 | 7 | 6 | 10 | 6 | 9 | 7 | 3 | 8 | 7 |
820: 5 | 8 | 5 | 2 | 9 | 8 | 4 | 1 | 2 | 2 |
830: 3 | 5 | 5 | 5 | 3 | 3 | 2 | 8 | 2 | 4 |
840: 2 | 3 | 5 | 4 | 4 | 3 | 3 | 4 | 3 | 4 |
850: 4 | 1 | 3 | 2 | 3 | 4 | 5 | 5 | 1 | 4 |
860: 1 | 4 | 1 | 3 | 3 | 3 | 5 | 2 | 6 | 2 |
870: 4 | 2 | 2 | 3 | 2 | 2 | 1 | 3 | 5 | 4 |
880: 0 | 5 | 2 | 0 | 5 | 5 | 2 | 4 | 5 | 3 |
890: 7 | 5 | 3 | 4 | 4 | 6 | 2 | 1 | 3 | 3 |
900: 2 | 0 | 3 | 1 | 3 | 5 | 9 | 2 | 4 | 2 |
910: 4 | 4 | 0 | 4 | 3 | 4 | 5 | 1 | 4 | 7 |
920: 4 | 2 | 3 | 3 | 3 | 3 | 4 | 2 | 1 | 4 |
930: 5 | 0 | 6 | 4 | 3 | 6 | 3 | 1 | 3 | 7 |
940: 4 | 3 | 4 | 1 | 2 | 3 | 4 | 4 | 1 | 3 |
950: 2 | 3 | 5 | 0 | 5 | 2 | 4 | 2 | 2 | 1 |
960: 4 | 0 | 1 | 0 | 1 | 2 | 3 | 4 | 1 | 0 |
970: 3 | 3 | 2 | 2 | 1 | 2 | 2 | 1 | 7 | 1 |
980: 4 | 1 | 0 | 0 | 3 | 1 | 1 | 3 | 0 | 2 |
990: 0 | 1 | 2 | 2 | 4 | 0 | 0 | 1 | 3 | 3 |
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1000: 0 | 1 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 2 |
1010: 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
1020: 0 | 1 | 0 | 0 |
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