



**EXPERIMENT**

Spectrum Name:  
Description:  
Student ID:  
Detector:  
Comments:  
Start Time: January 31, 2023, 07:59:27  
End Time: January 31, 2023, 08:32:58

**SET UP**

Acquisition Mode: MCS Internal	High Voltage: 1000
Conversion Gain: 1024 Coarse Gain: 1	Fine Gain: 1.00
Upper Discriminator: 1048 Channels	Lower Discriminator: 103 Channels
Live Time: 0.0 Real Time: 0.0	Percent Dead: Na

**REGIONS OF INTEREST: Not Calibrated**

ROI Start	ROI End	Gross	Net	Centroid	FWHM
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0: 492 | 442 | 448 | 429 | 411 | 441 | 463 | 454 | 481 | 461 |  
10: 421 | 410 | 427 | 413 | 421 | 455 | 456 | 464 | 418 | 445 |  
20: 427 | 414 | 448 | 427 | 442 | 441 | 475 | 456 | 477 | 472 |  
30: 388 | 479 | 427 | 444 | 477 | 409 | 454 | 418 | 436 | 493 |  
40: 448 | 418 | 454 | 300 | 310 | 323 | 330 | 331 | 323 | 313 |  
50: 292 | 283 | 320 | 333 | 333 | 319 | 345 | 311 | 346 | 296 |  
60: 305 | 311 | 326 | 301 | 321 | 298 | 309 | 332 | 312 | 295 |  
70: 320 | 313 | 222 | 252 | 213 | 189 | 213 | 208 | 246 | 202 |  
80: 214 | 231 | 261 | 217 | 211 | 231 | 222 | 252 | 216 | 233 |  
90: 228 | 229 | 235 | 204 | 214 | 225 | 205 | 131 | 111 | 151 |  
100: 101 | 130 | 140 | 126 | 115 | 131 | 129 | 118 | 126 | 141 |  
110: 119 | 139 | 109 | 117 | 114 | 123 | 139 | 109 | 114 | 142 |  
120: 113 | 139 | 135 | 127 | 105 | 119 | 123 | 117 | 110 | 109 |  
130: 115 | 115 | 124 | 108 | 120 | 136 | 134 | 113 | 124 | 131 |  
140: 109 | 97 | 100 | 107 | 105 | 108 | 115 | 104 | 111 | 99 |  
150: 105 | 96 | 105 | 101 | 107 | 106 | 110 | 107 | 100 | 104 |  
160: 108 | 117 | 114 | 105 | 97 | 117 | 85 | 119 | 122 | 129 |  
170: 120 | 120 | 100 | 127 | 108 | 108 | 323 | 328 | 110 | 83 |  
180: 116 | 115 | 98 | 87 | 118 | 122 | 122 | 119 | 116 | 115 |  
190: 109 | 102 | 110 | 113 | 98 | 114 | 103 | 108 | 103 | 134 |  
200: 107 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
210: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
220: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
230: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
240: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
250: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
260: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
270: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
280: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
290: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
300: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
310: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
320: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
330: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
340: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
350: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
360: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
370: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
380: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
390: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
400: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
410: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
420: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
430: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
440: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
450: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
460: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
470: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
480: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  
490: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

[illegible]

```
1000: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
1010: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
1020: 0 | 0 | 0 | 0 |
```