



EXPERIMENT

Spectrum Name: CS
Description:
Student ID:
Detector:
Comments:
Start Time: octubre 13, 2025, 03:21:55
End Time: octubre 13, 2025, 03:31:48

SET UP

Acquisition Mode: PHA Pre-Amp	High Voltage: 1100
Conversion Gain: 1024 Coarse Gain: 1	Fine Gain: 1.00
Upper Discriminator: 1048 Channels	Lower Discriminator: 14 Channels
Live Time: 600.0 Real Time: 600.94	Percent Dead: 0.15

REGIONS OF INTEREST: Not Calibrated

ROI Start	ROI End	Gross	Net	Centroid	FWHM
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0: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
10: 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 749 | 838 | 626 |
20: 447 | 370 | 256 | 242 | 241 | 242 | 237 | 248 | 249 | 242 |
30: 221 | 265 | 250 | 267 | 264 | 249 | 267 | 288 | 325 | 330 |
40: 417 | 456 | 486 | 497 | 489 | 409 | 414 | 361 | 328 | 322 |
50: 330 | 362 | 289 | 304 | 299 | 281 | 262 | 229 | 251 | 249 |
60: 258 | 252 | 264 | 271 | 273 | 261 | 240 | 273 | 256 | 284 |
70: 265 | 254 | 262 | 264 | 276 | 266 | 245 | 270 | 234 | 263 |
80: 254 | 255 | 255 | 252 | 266 | 259 | 230 | 255 | 274 | 249 |
90: 247 | 215 | 248 | 245 | 256 | 249 | 257 | 260 | 252 | 250 |
100: 252 | 246 | 252 | 249 | 272 | 239 | 247 | 276 | 299 | 296 |
110: 285 | 298 | 273 | 300 | 295 | 277 | 269 | 327 | 278 | 284 |
120: 290 | 266 | 296 | 279 | 264 | 298 | 305 | 229 | 299 | 219 |
130: 256 | 290 | 256 | 292 | 285 | 275 | 274 | 273 | 263 | 282 |
140: 286 | 253 | 256 | 277 | 253 | 250 | 243 | 233 | 258 | 271 |
150: 271 | 283 | 247 | 239 | 263 | 221 | 247 | 245 | 237 | 211 |
160: 229 | 224 | 211 | 215 | 215 | 214 | 202 | 205 | 222 | 180 |
170: 191 | 198 | 182 | 189 | 195 | 180 | 207 | 182 | 193 | 208 |
180: 193 | 175 | 196 | 189 | 183 | 190 | 199 | 195 | 184 | 182 |
190: 178 | 161 | 177 | 171 | 182 | 183 | 173 | 190 | 191 | 190 |
200: 179 | 191 | 180 | 135 | 193 | 164 | 163 | 173 | 125 | 208 |
210: 167 | 160 | 159 | 189 | 159 | 160 | 152 | 149 | 146 | 163 |
220: 139 | 158 | 180 | 164 | 175 | 169 | 142 | 152 | 150 | 157 |
230: 151 | 181 | 146 | 176 | 188 | 189 | 172 | 163 | 194 | 195 |
240: 183 | 166 | 157 | 180 | 191 | 187 | 169 | 186 | 164 | 173 |
250: 176 | 194 | 162 | 141 | 151 | 168 | 151 | 138 | 153 | 148 |
260: 140 | 138 | 122 | 129 | 144 | 121 | 101 | 93 | 94 | 102 |
270: 87 | 102 | 82 | 90 | 86 | 76 | 60 | 74 | 80 | 56 |
280: 65 | 59 | 50 | 50 | 55 | 50 | 49 | 57 | 56 | 39 |
290: 42 | 36 | 57 | 44 | 45 | 43 | 37 | 35 | 45 | 55 |
300: 33 | 37 | 40 | 44 | 40 | 37 | 32 | 28 | 33 | 35 |
310: 36 | 25 | 18 | 34 | 34 | 19 | 35 | 27 | 17 | 31 |
320: 24 | 18 | 24 | 23 | 18 | 17 | 18 | 23 | 32 | 23 |
330: 14 | 26 | 29 | 18 | 18 | 19 | 18 | 25 | 28 | 22 |
340: 25 | 22 | 27 | 24 | 22 | 24 | 34 | 35 | 39 | 46 |
350: 61 | 62 | 74 | 85 | 101 | 94 | 119 | 155 | 186 | 214 |
360: 224 | 257 | 270 | 275 | 379 | 377 | 438 | 497 | 484 | 544 |
370: 620 | 616 | 606 | 669 | 707 | 702 | 743 | 713 | 718 | 751 |
380: 715 | 767 | 697 | 723 | 653 | 661 | 621 | 526 | 533 | 465 |
390: 406 | 387 | 327 | 327 | 276 | 264 | 213 | 206 | 181 | 147 |
400: 102 | 90 | 86 | 71 | 49 | 48 | 43 | 33 | 28 | 23 |
410: 27 | 14 | 13 | 19 | 8 | 13 | 12 | 9 | 11 | 7 |
420: 9 | 6 | 5 | 5 | 6 | 7 | 8 | 7 | 8 | 4 |
430: 6 | 5 | 3 | 10 | 8 | 4 | 5 | 4 | 5 | 6 |
440: 5 | 10 | 9 | 2 | 4 | 4 | 13 | 5 | 3 | 6 |
450: 12 | 8 | 6 | 8 | 6 | 4 | 7 | 4 | 5 | 5 |
460: 7 | 7 | 9 | 4 | 6 | 2 | 8 | 4 | 2 | 7 |
470: 5 | 6 | 3 | 8 | 8 | 9 | 5 | 4 | 5 | 7 |
480: 8 | 4 | 9 | 6 | 4 | 5 | 12 | 8 | 2 | 6 |
490: 4 | 13 | 3 | 7 | 7 | 5 | 4 | 7 | 5 | 6 |

500: 1 | 6 | 10 | 7 | 2 | 6 | 3 | 4 | 6 | 2 |
510: 4 | 4 | 8 | 6 | 4 | 7 | 7 | 6 | 2 | 5 |
520: 5 | 4 | 4 | 7 | 6 | 4 | 2 | 4 | 6 | 5 |
530: 8 | 5 | 8 | 2 | 2 | 7 | 4 | 3 | 4 | 4 |
540: 2 | 7 | 3 | 9 | 5 | 4 | 6 | 8 | 4 | 5 |
550: 4 | 1 | 3 | 5 | 5 | 3 | 4 | 5 | 5 | 3 |
560: 3 | 6 | 3 | 6 | 3 | 4 | 0 | 1 | 6 | 3 |
570: 4 | 4 | 5 | 2 | 0 | 6 | 2 | 4 | 2 | 4 |
580: 2 | 4 | 0 | 3 | 3 | 7 | 3 | 3 | 1 | 2 |
590: 3 | 1 | 11 | 8 | 4 | 3 | 5 | 4 | 4 | 4 |
600: 6 | 2 | 6 | 6 | 9 | 0 | 6 | 4 | 9 | 6 |
610: 6 | 4 | 1 | 7 | 7 | 4 | 4 | 4 | 4 | 5 |
620: 2 | 4 | 3 | 6 | 2 | 1 | 5 | 7 | 3 | 4 |
630: 2 | 2 | 3 | 5 | 5 | 4 | 1 | 3 | 5 | 5 |
640: 3 | 7 | 3 | 3 | 3 | 6 | 5 | 4 | 3 | 6 |
650: 5 | 1 | 2 | 3 | 4 | 4 | 3 | 9 | 3 | 3 |
660: 2 | 5 | 6 | 2 | 4 | 7 | 4 | 3 | 4 | 3 |
670: 0 | 2 | 2 | 0 | 2 | 2 | 1 | 6 | 3 | 3 |
680: 6 | 1 | 4 | 1 | 3 | 1 | 7 | 1 | 5 | 3 |
690: 1 | 3 | 0 | 4 | 2 | 0 | 3 | 3 | 0 | 1 |
700: 4 | 0 | 1 | 4 | 4 | 0 | 1 | 3 | 2 | 1 |
710: 4 | 2 | 1 | 4 | 1 | 0 | 3 | 2 | 2 | 3 |
720: 4 | 1 | 3 | 3 | 5 | 4 | 2 | 3 | 6 | 7 |
730: 2 | 2 | 4 | 3 | 3 | 1 | 4 | 3 | 0 | 1 |
740: 3 | 0 | 0 | 0 | 1 | 2 | 3 | 4 | 2 | 2 |
750: 2 | 7 | 1 | 0 | 2 | 4 | 3 | 0 | 3 | 1 |
760: 2 | 0 | 2 | 1 | 3 | 1 | 0 | 1 | 1 | 1 |
770: 1 | 3 | 1 | 0 | 1 | 6 | 2 | 0 | 2 | 0 |
780: 2 | 6 | 1 | 4 | 1 | 2 | 1 | 2 | 1 | 3 |
790: 1 | 1 | 5 | 0 | 4 | 3 | 4 | 3 | 4 | 4 |
800: 1 | 5 | 1 | 4 | 7 | 3 | 6 | 7 | 6 | 2 |
810: 3 | 1 | 2 | 1 | 2 | 1 | 2 | 3 | 7 | 6 |
820: 3 | 2 | 5 | 5 | 1 | 3 | 4 | 2 | 1 | 3 |
830: 2 | 5 | 2 | 2 | 0 | 1 | 0 | 3 | 0 | 0 |
840: 1 | 0 | 1 | 2 | 0 | 3 | 1 | 2 | 3 | 0 |
850: 2 | 1 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 0 |
860: 0 | 0 | 2 | 2 | 0 | 1 | 1 | 1 | 1 | 1 |
870: 2 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 1 | 1 |
880: 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
890: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
900: 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
910: 0 | 1 | 2 | 0 | 1 | 0 | 2 | 1 | 0 | 1 |
920: 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
930: 1 | 0 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
940: 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
950: 0 | 1 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 |
960: 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
970: 0 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 1 | 1 |
980: 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 |
990: 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 |

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1000: 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 |  
1010: 1 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |  
1020: 1 | 0 | 1 | 1 |
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