



EXPERIMENT

Spectrum Name: CS
Description:
Student ID:
Detector:
Comments:
Start Time: octubre 13, 2025, 03:45:50
End Time: octubre 13, 2025, 03:55:50

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: 600.3	Percent Dead: 0.04

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 | 0 | 0 | 34 | 38 | 54 |
20: 69 | 53 | 60 | 47 | 69 | 74 | 71 | 84 | 69 | 91 |
30: 100 | 81 | 90 | 107 | 98 | 117 | 131 | 130 | 130 | 158 |
40: 156 | 190 | 186 | 212 | 185 | 156 | 162 | 171 | 124 | 140 |
50: 133 | 137 | 144 | 139 | 124 | 136 | 120 | 120 | 160 | 148 |
60: 117 | 121 | 124 | 130 | 114 | 146 | 123 | 139 | 110 | 113 |
70: 112 | 110 | 103 | 133 | 106 | 106 | 115 | 108 | 110 | 104 |
80: 94 | 87 | 94 | 110 | 118 | 98 | 104 | 101 | 118 | 84 |
90: 95 | 109 | 102 | 120 | 97 | 94 | 94 | 88 | 102 | 87 |
100: 96 | 85 | 83 | 87 | 84 | 86 | 84 | 96 | 81 | 95 |
110: 90 | 92 | 67 | 69 | 88 | 80 | 82 | 91 | 82 | 106 |
120: 90 | 82 | 75 | 73 | 82 | 75 | 90 | 69 | 87 | 87 |
130: 86 | 79 | 73 | 69 | 68 | 68 | 66 | 73 | 73 | 83 |
140: 91 | 58 | 65 | 57 | 63 | 53 | 58 | 71 | 58 | 62 |
150: 81 | 66 | 66 | 69 | 62 | 75 | 63 | 66 | 52 | 53 |
160: 57 | 71 | 43 | 48 | 68 | 50 | 67 | 65 | 53 | 49 |
170: 62 | 51 | 45 | 54 | 48 | 51 | 59 | 56 | 47 | 64 |
180: 50 | 45 | 55 | 58 | 46 | 44 | 33 | 36 | 40 | 41 |
190: 42 | 47 | 39 | 45 | 41 | 54 | 47 | 43 | 48 | 37 |
200: 41 | 38 | 43 | 33 | 43 | 46 | 41 | 32 | 48 | 37 |
210: 34 | 52 | 39 | 33 | 39 | 34 | 25 | 42 | 27 | 29 |
220: 30 | 39 | 37 | 41 | 37 | 32 | 28 | 38 | 27 | 36 |
230: 30 | 30 | 32 | 30 | 25 | 34 | 28 | 30 | 30 | 28 |
240: 26 | 36 | 34 | 36 | 35 | 19 | 40 | 26 | 34 | 25 |
250: 34 | 21 | 27 | 23 | 30 | 30 | 28 | 22 | 32 | 25 |
260: 32 | 28 | 24 | 30 | 18 | 25 | 34 | 26 | 34 | 32 |
270: 31 | 34 | 33 | 30 | 27 | 24 | 35 | 35 | 40 | 34 |
280: 34 | 32 | 43 | 47 | 37 | 47 | 53 | 50 | 59 | 51 |
290: 44 | 32 | 47 | 42 | 58 | 45 | 40 | 44 | 45 | 39 |
300: 29 | 35 | 37 | 30 | 28 | 27 | 34 | 25 | 34 | 29 |
310: 42 | 30 | 33 | 25 | 38 | 19 | 25 | 17 | 26 | 17 |
320: 20 | 25 | 23 | 26 | 29 | 11 | 23 | 22 | 30 | 19 |
330: 34 | 19 | 35 | 25 | 22 | 19 | 23 | 22 | 20 | 26 |
340: 24 | 30 | 22 | 27 | 19 | 20 | 28 | 24 | 27 | 31 |
350: 29 | 29 | 27 | 24 | 18 | 23 | 30 | 19 | 23 | 19 |
360: 25 | 20 | 27 | 24 | 18 | 30 | 22 | 23 | 21 | 23 |
370: 31 | 20 | 26 | 18 | 18 | 22 | 18 | 24 | 16 | 15 |
380: 18 | 16 | 14 | 18 | 12 | 18 | 18 | 19 | 20 | 21 |
390: 29 | 20 | 28 | 21 | 13 | 28 | 30 | 23 | 25 | 30 |
400: 21 | 26 | 16 | 23 | 20 | 24 | 20 | 27 | 15 | 16 |
410: 27 | 20 | 23 | 17 | 23 | 20 | 23 | 26 | 24 | 24 |
420: 19 | 31 | 24 | 23 | 24 | 32 | 12 | 22 | 23 | 27 |
430: 22 | 21 | 18 | 23 | 14 | 16 | 30 | 18 | 28 | 20 |
440: 27 | 19 | 25 | 32 | 22 | 24 | 20 | 34 | 19 | 27 |
450: 25 | 22 | 31 | 25 | 34 | 21 | 27 | 31 | 24 | 42 |
460: 26 | 29 | 24 | 18 | 35 | 31 | 32 | 13 | 25 | 36 |
470: 27 | 30 | 23 | 32 | 23 | 29 | 23 | 30 | 25 | 27 |
480: 25 | 32 | 22 | 28 | 33 | 28 | 36 | 19 | 25 | 34 |
490: 30 | 19 | 32 | 21 | 25 | 26 | 22 | 16 | 10 | 15 |

500: 14 | 14 | 17 | 16 | 14 | 20 | 19 | 16 | 17 | 11 |
510: 14 | 11 | 9 | 19 | 13 | 19 | 12 | 6 | 19 | 7 |
520: 12 | 12 | 13 | 11 | 4 | 9 | 11 | 11 | 5 | 7 |
530: 9 | 5 | 17 | 6 | 6 | 10 | 10 | 12 | 12 | 8 |
540: 11 | 7 | 6 | 7 | 10 | 8 | 12 | 7 | 7 | 10 |
550: 9 | 11 | 7 | 5 | 8 | 5 | 4 | 6 | 6 | 5 |
560: 7 | 2 | 2 | 8 | 4 | 3 | 7 | 3 | 4 | 9 |
570: 1 | 3 | 4 | 8 | 6 | 3 | 3 | 7 | 5 | 6 |
580: 7 | 9 | 5 | 5 | 9 | 8 | 11 | 12 | 7 | 11 |
590: 16 | 12 | 18 | 21 | 21 | 17 | 28 | 21 | 27 | 32 |
600: 31 | 36 | 38 | 41 | 48 | 53 | 50 | 50 | 67 | 55 |
610: 53 | 59 | 66 | 51 | 73 | 79 | 68 | 55 | 83 | 70 |
620: 61 | 66 | 66 | 75 | 79 | 65 | 69 | 54 | 41 | 47 |
630: 47 | 63 | 37 | 55 | 35 | 41 | 44 | 34 | 25 | 26 |
640: 27 | 27 | 24 | 15 | 15 | 20 | 11 | 9 | 11 | 8 |
650: 8 | 13 | 7 | 5 | 6 | 5 | 7 | 7 | 3 | 4 |
660: 3 | 2 | 2 | 5 | 6 | 3 | 3 | 2 | 6 | 4 |
670: 2 | 3 | 1 | 7 | 4 | 1 | 2 | 4 | 3 | 2 |
680: 6 | 1 | 4 | 0 | 1 | 1 | 2 | 3 | 3 | 1 |
690: 2 | 1 | 4 | 2 | 3 | 0 | 2 | 3 | 4 | 3 |
700: 4 | 2 | 1 | 2 | 1 | 1 | 0 | 3 | 1 | 0 |
710: 3 | 1 | 2 | 3 | 1 | 4 | 0 | 1 | 1 | 4 |
720: 2 | 1 | 4 | 1 | 2 | 2 | 0 | 1 | 0 | 1 |
730: 2 | 2 | 2 | 5 | 3 | 3 | 1 | 3 | 4 | 1 |
740: 4 | 1 | 4 | 2 | 0 | 2 | 1 | 0 | 2 | 0 |
750: 4 | 1 | 0 | 4 | 1 | 0 | 3 | 2 | 3 | 2 |
760: 1 | 0 | 2 | 4 | 2 | 3 | 2 | 1 | 1 | 2 |
770: 4 | 2 | 3 | 0 | 3 | 4 | 1 | 1 | 3 | 2 |
780: 1 | 4 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 2 |
790: 3 | 1 | 3 | 3 | 2 | 5 | 2 | 0 | 4 | 8 |
800: 2 | 3 | 7 | 1 | 4 | 1 | 1 | 5 | 5 | 6 |
810: 3 | 4 | 3 | 3 | 2 | 1 | 4 | 3 | 0 | 3 |
820: 2 | 2 | 2 | 3 | 0 | 2 | 0 | 0 | 4 | 1 |
830: 2 | 2 | 2 | 3 | 0 | 0 | 2 | 0 | 1 | 4 |
840: 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
850: 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
860: 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
870: 0 | 2 | 2 | 0 | 0 | 0 | 2 | 1 | 1 | 0 |
880: 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 |
890: 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
900: 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
910: 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
920: 1 | 1 | 1 | 2 | 1 | 0 | 0 | 1 | 2 | 0 |
930: 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 2 | 1 |
940: 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |
950: 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
960: 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
970: 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
980: 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
990: 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 1 |

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