

Report: PHASE-I Coll1

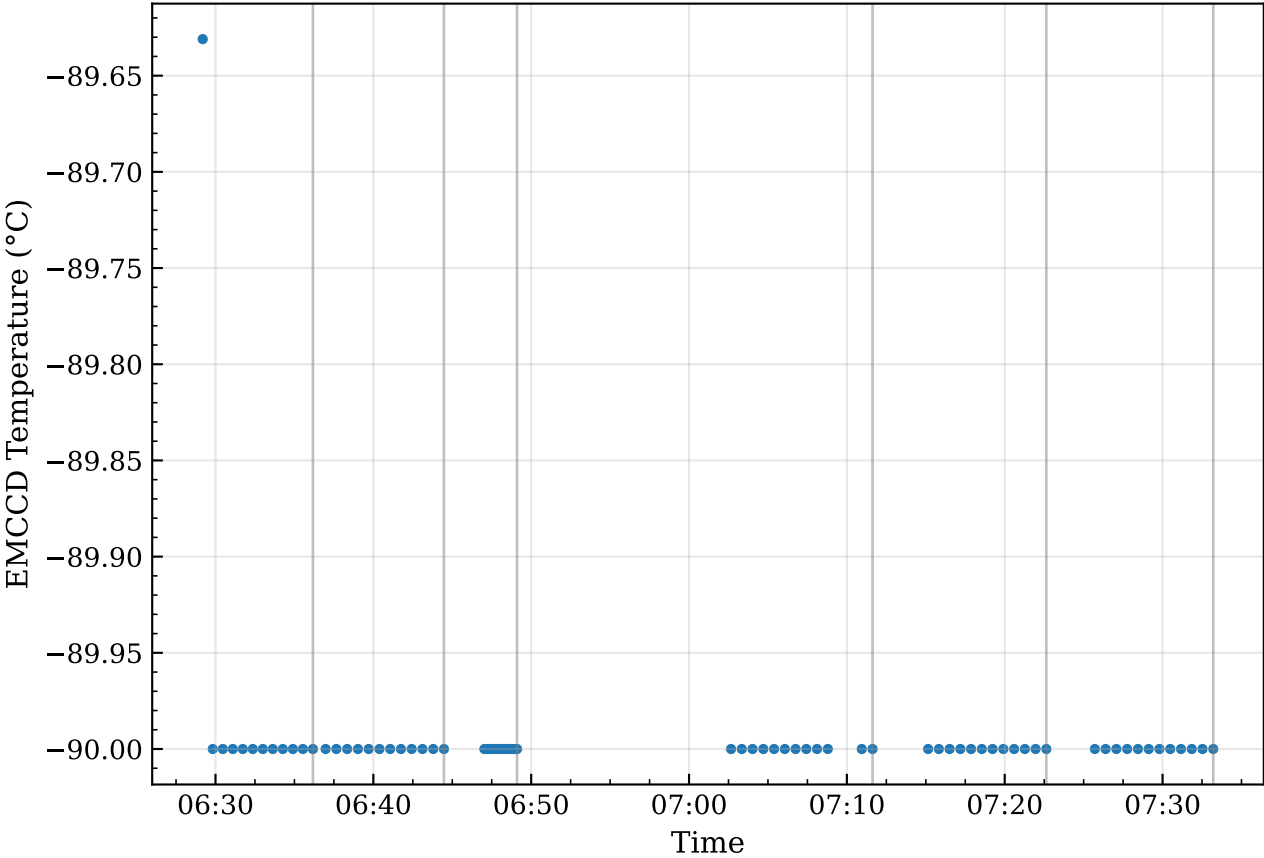
Project Phoenix

Created: 2025-11-05 16:30

Collection Acquisition Data

| | Value |
|-------------------------------|-----------------------|
| Software Version | 4.30.30000.0 |
| Model | DU971P_UVB |
| Data Type | Counts |
| Acquisition Mode | Single Scan |
| Trigger Mode | Internal |
| Readout Mode | Full Vertical Binning |
| Horizontal binning | 2 |
| Extended Dynamic Range | off |
| Horizontally flipped | false |
| Vertical Shift Speed (usecs) | 9.68 |
| Pixel Readout Rate (MHz) | 3 |
| Baseline Clamp | ON |
| Clock Amplitude | Normal |
| Output Amplifier | Conventional |
| Serial Number | SR-2646 |
| Pre-Amplifier Gain | 4x |
| Spurious Noise Filter Mode | No Filter |
| Photon counted | false |
| Data Averaging Filter Mode | No Filter |
| Wavelength (nm) | 690 |
| Grating Groove Density (l/mm) | 300 |
| Grating Blaze | 500nm |
| Input Side Slit Width (um) | 1000 |

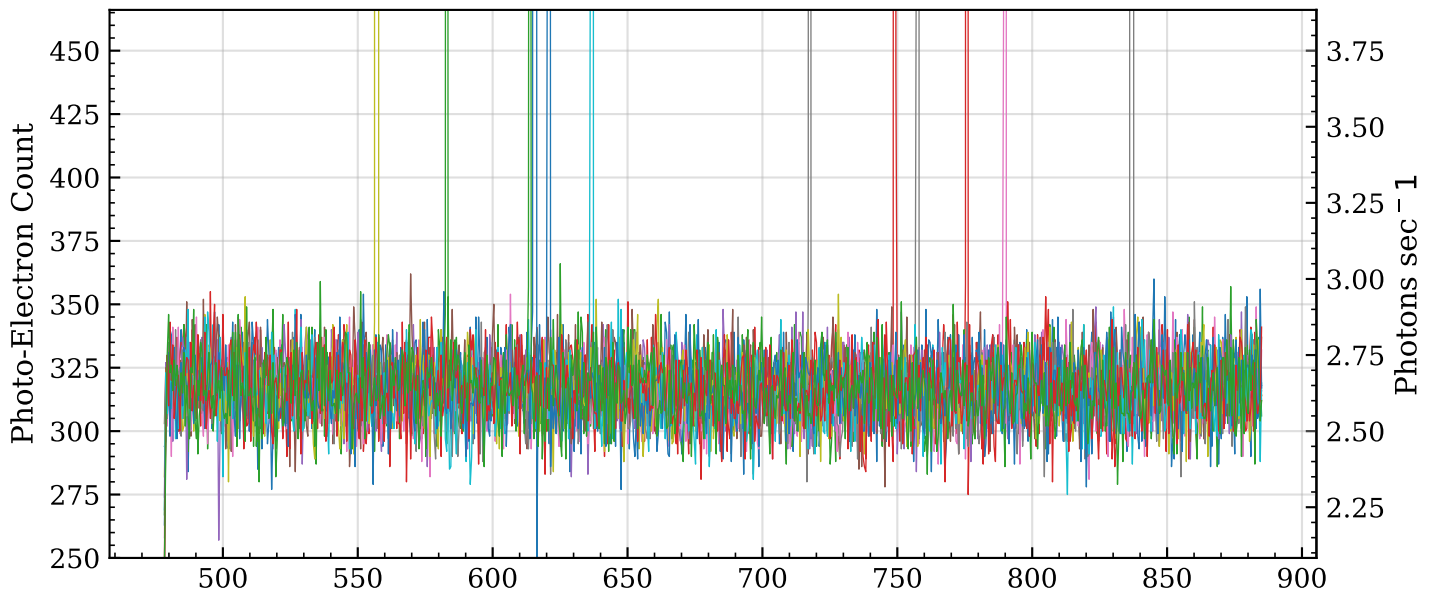
Acquisition on Fri Oct 17 2025



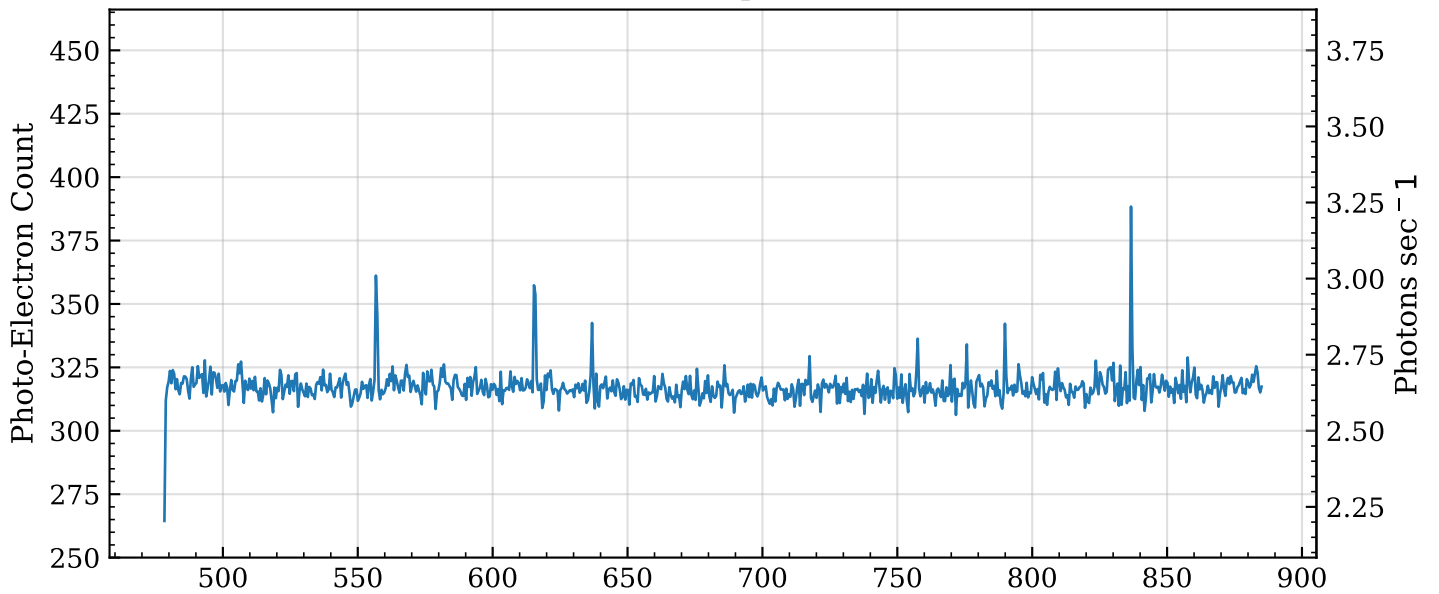
BL PHASE-I Coll1

| | Value |
|------------------------------------|------------------------------|
| Date and Time | Fri Oct 17 06:29:11.444 2025 |
| Exposure Time (sec) | 30.0 |
| Pre-Amplifier Gain | 4 |
| Input Slit Width (μm) | 1000 |
| Bin size (nm) | 0.509 |
| Power (mW) | 15.4 |

Iterations: 12



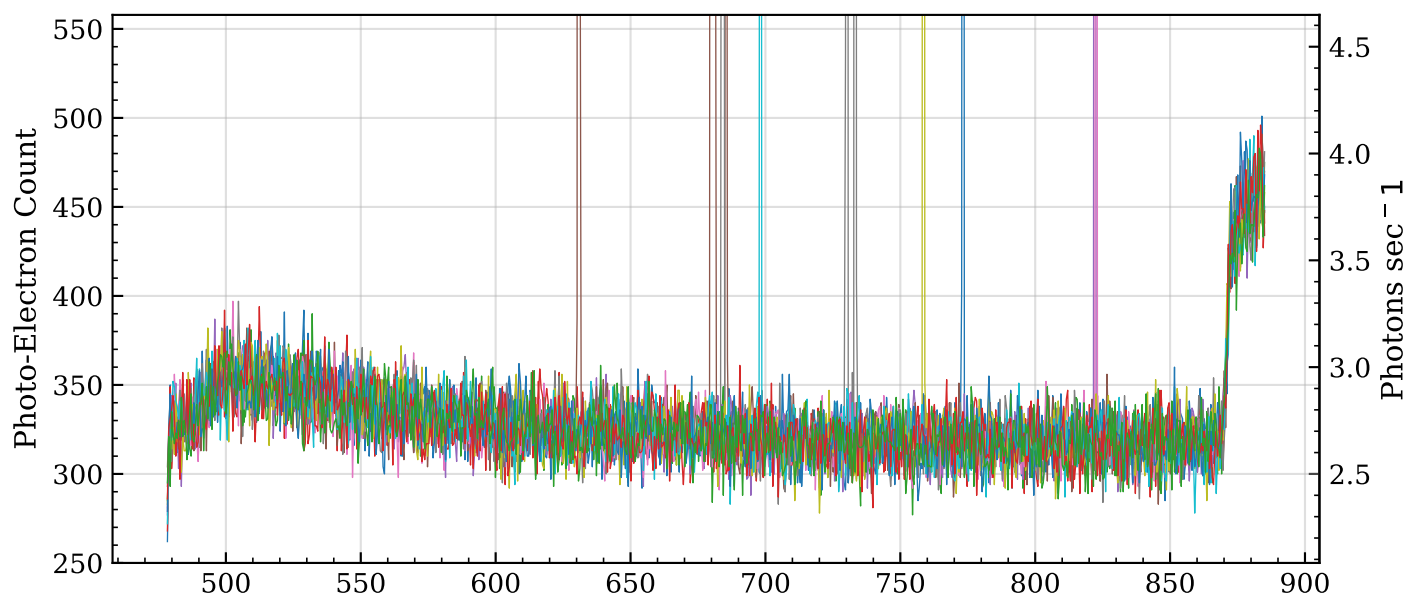
Combined spectrum



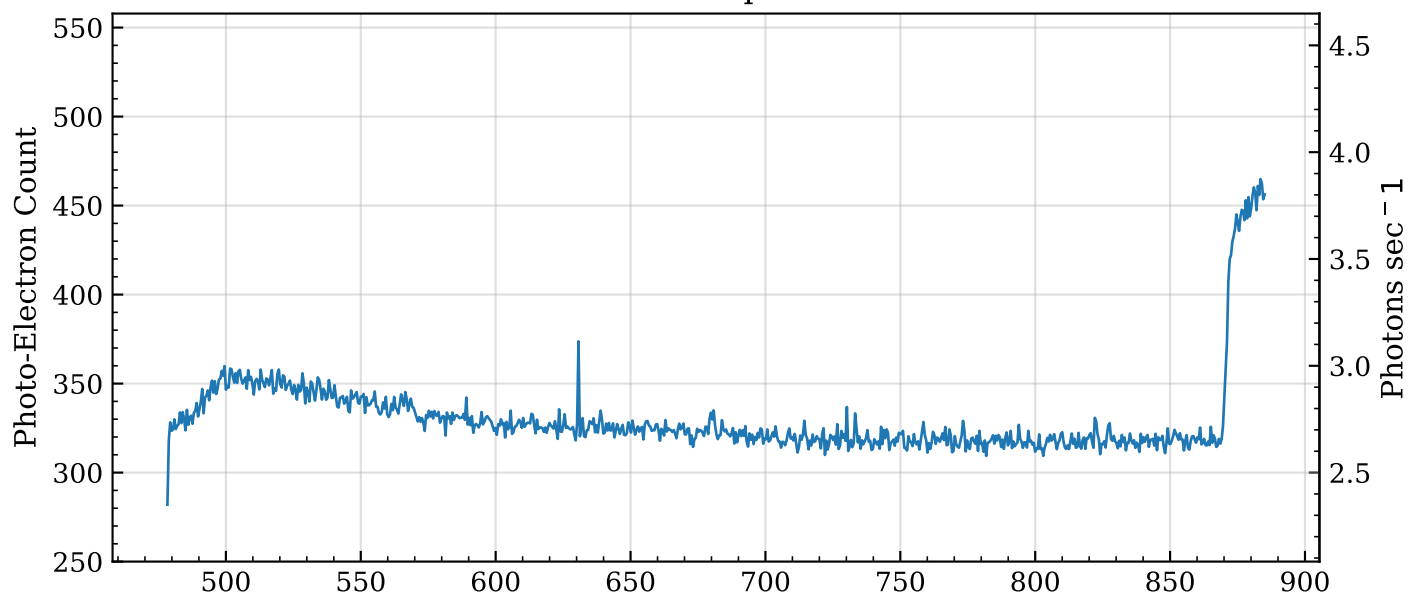
AM PHASE-I Coll1

| | Value |
|------------------------------------|------------------------------|
| Date and Time | Fri Oct 17 06:36:58.588 2025 |
| Exposure Time (sec) | 30.0 |
| Pre-Amplifier Gain | 4 |
| Input Slit Width (μm) | 1000 |
| Bin size (nm) | 0.509 |
| Power (mW) | 15.4 |

Iterations: 12



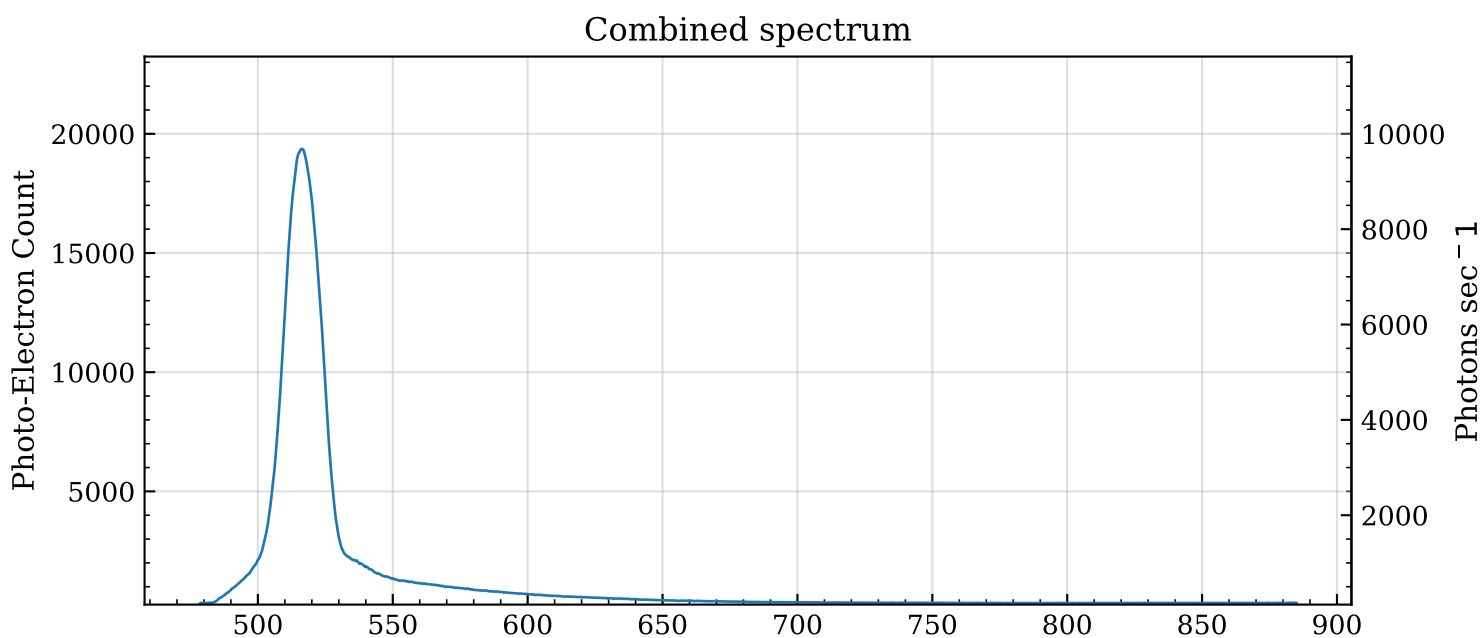
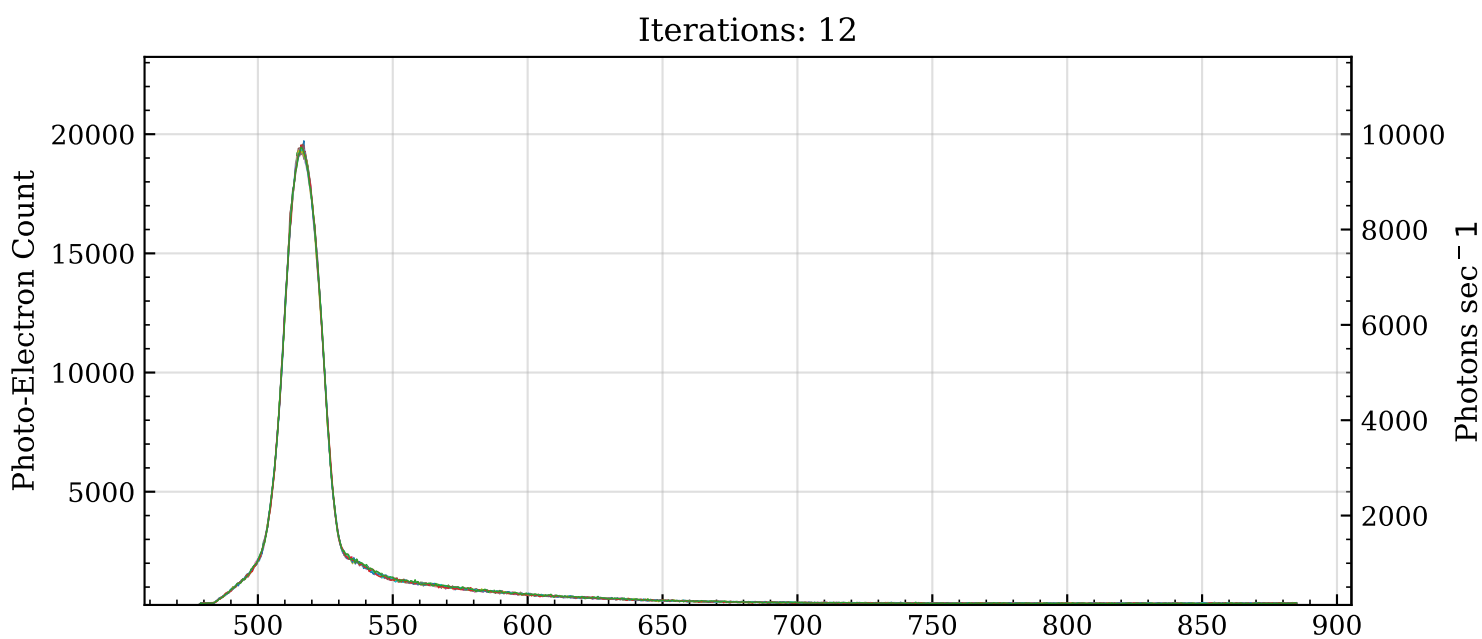
Combined spectrum



H2O

PHASE-I Coll1

| | Value |
|------------------------------------|------------------------------|
| Date and Time | Fri Oct 17 06:47:02.066 2025 |
| Exposure Time (sec) | 0.5 |
| Pre-Amplifier Gain | 4 |
| Input Slit Width (μm) | 1000 |
| Bin size (nm) | 0.509 |
| Power (mW) | 15.4 |

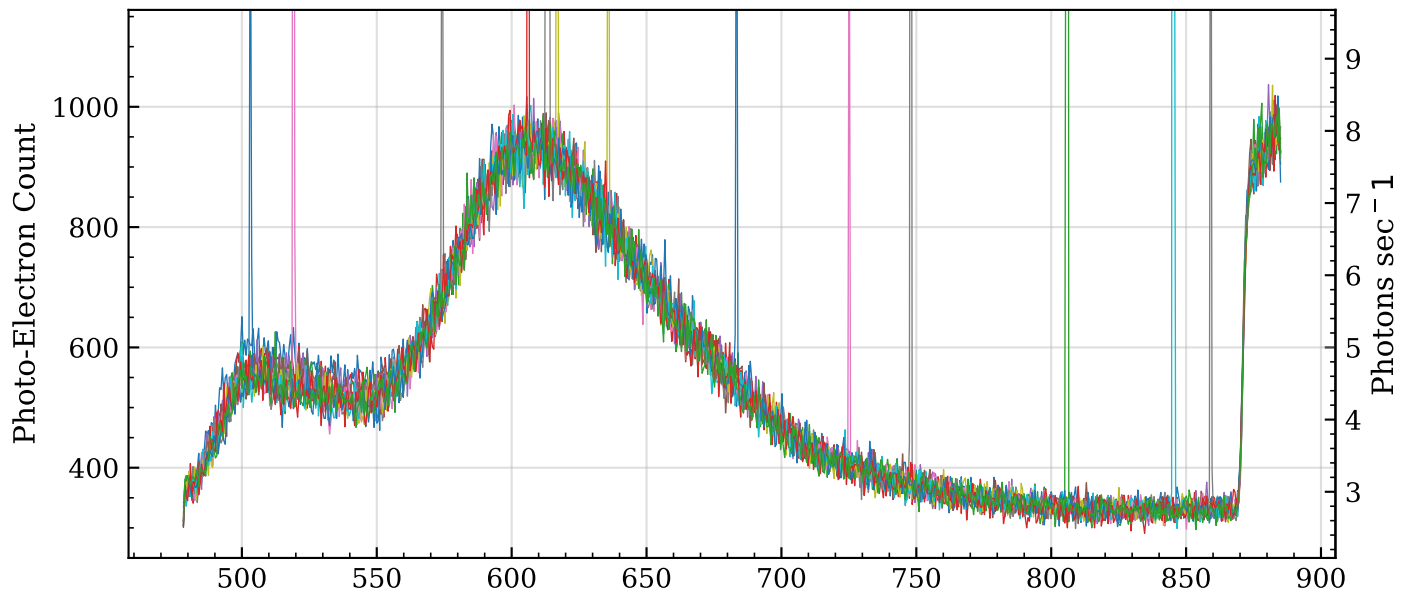


LiF10 106

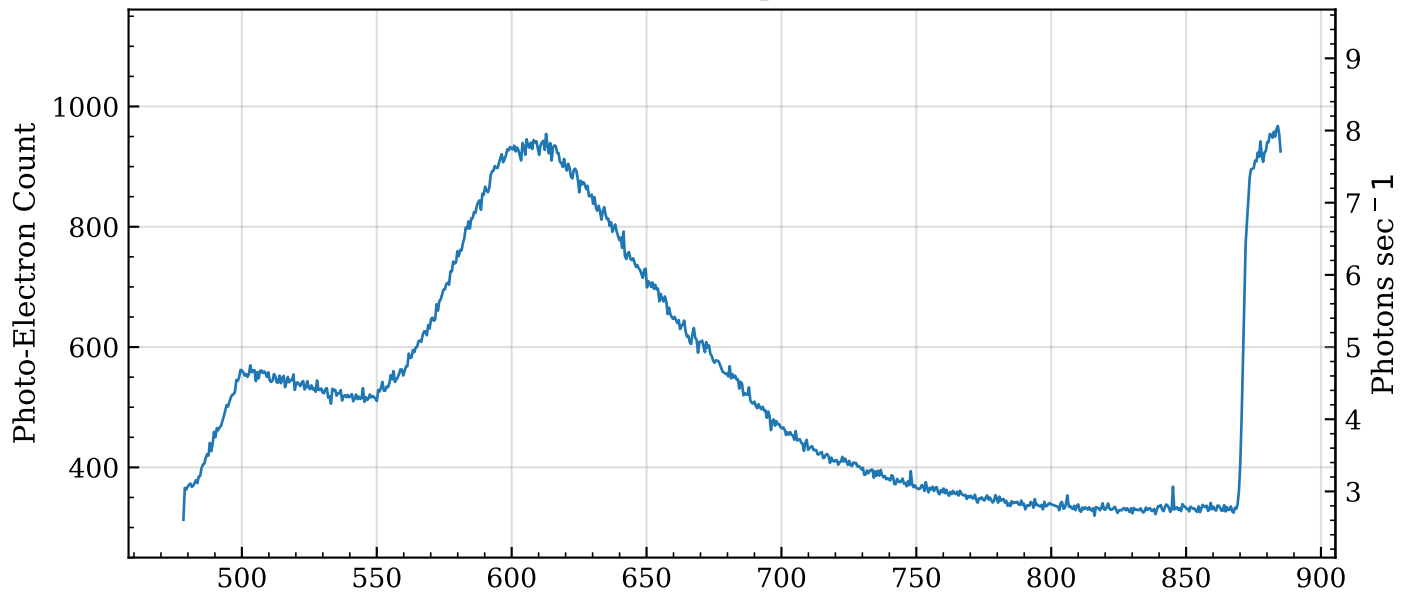
PHASE-Γ Coll1

| | Value |
|-----------------------|------------------------------|
| Date and Time | Fri Oct 17 07:02:39.703 2025 |
| Exposure Time (sec) | 30.0 |
| Pre-Amplifier Gain | 4 |
| Input Slit Width (μm) | 1000 |
| Bin size (nm) | 0.509 |
| Power (mW) | 15.4 |

Iterations: 12



Combined spectrum

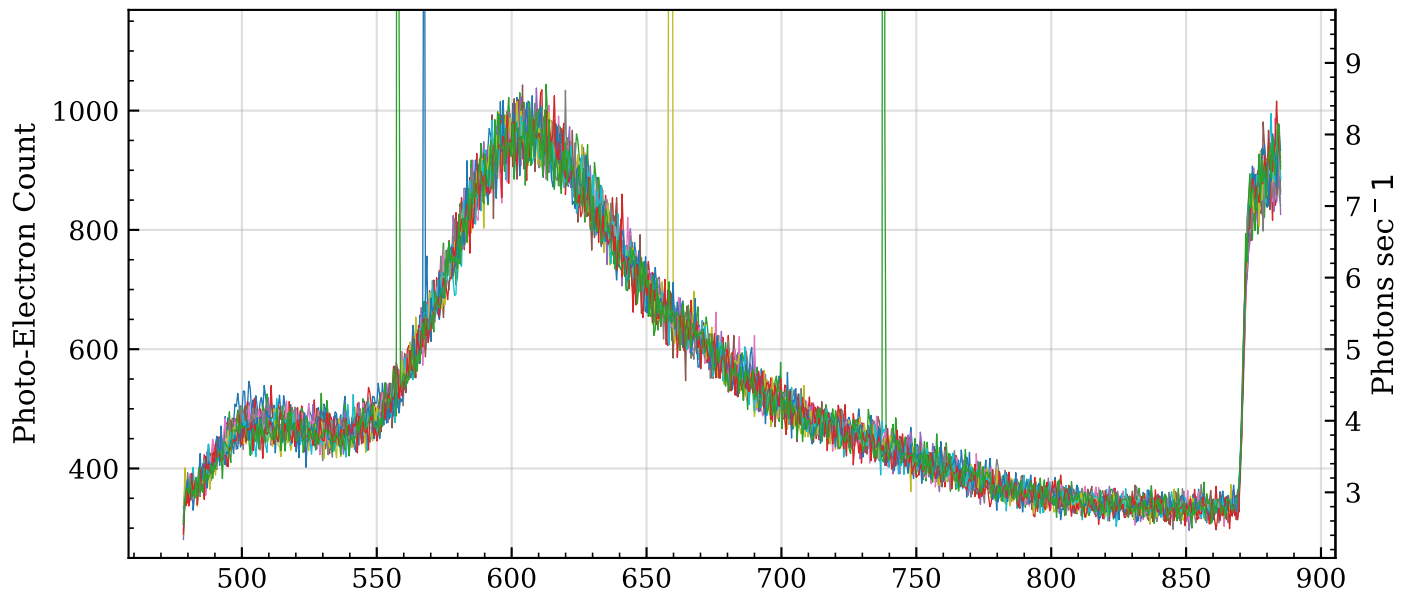


LiF10 107

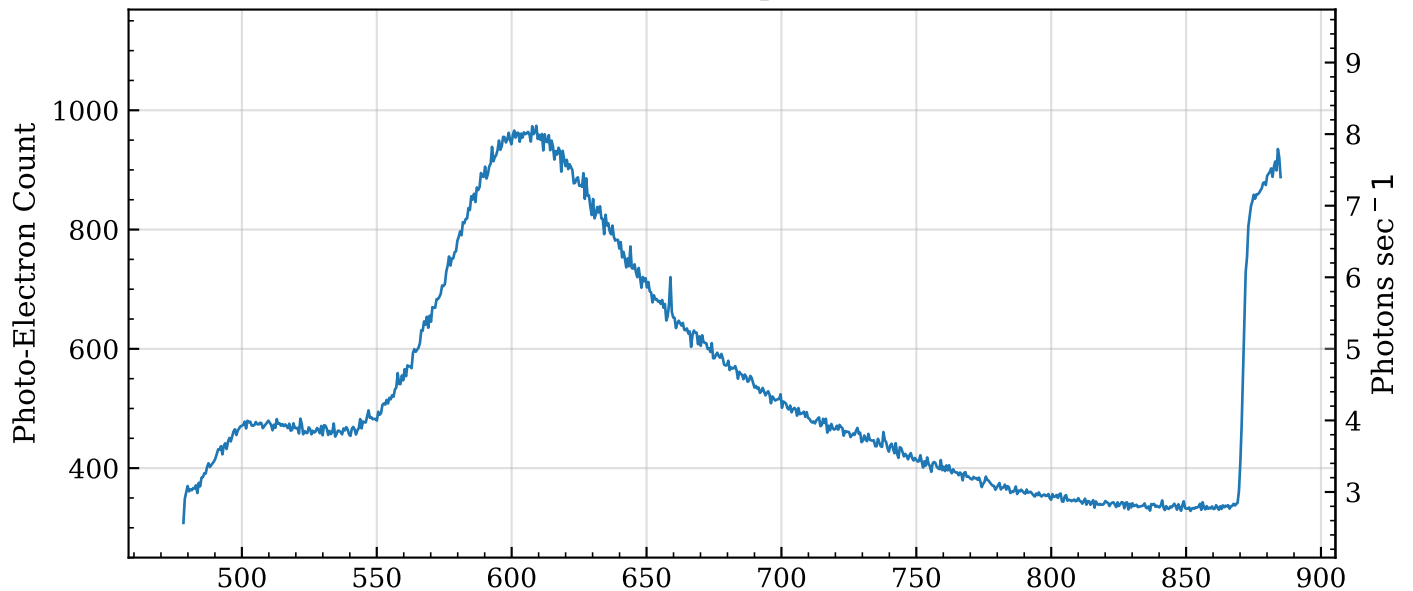
PHASE-Γ Coll1

| | Value |
|-----------------------|------------------------------|
| Date and Time | Fri Oct 17 07:15:08.845 2025 |
| Exposure Time (sec) | 30.0 |
| Pre-Amplifier Gain | 4 |
| Input Slit Width (μm) | 1000 |
| Bin size (nm) | 0.509 |
| Power (mW) | 15.4 |

Iterations: 12



Combined spectrum

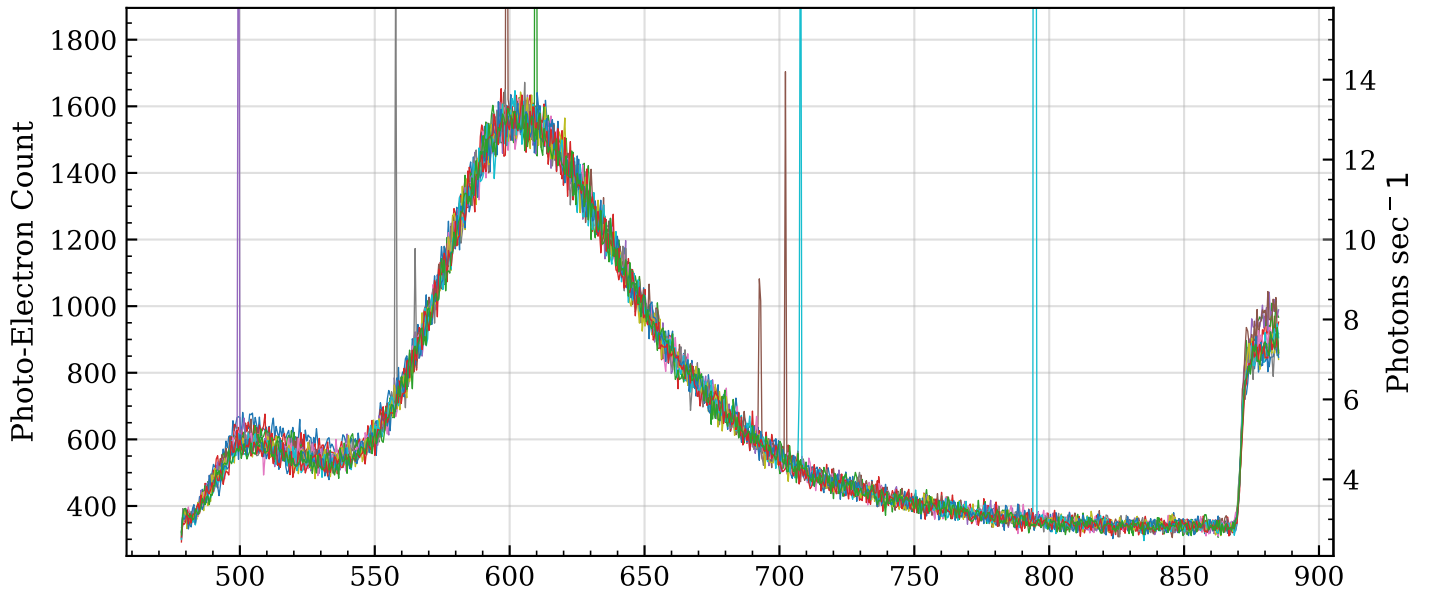


LiF10 108

PHASE-Γ Coll1

| | Value |
|-----------------------|------------------------------|
| Date and Time | Fri Oct 17 07:25:42.635 2025 |
| Exposure Time (sec) | 30.0 |
| Pre-Amplifier Gain | 4 |
| Input Slit Width (μm) | 1000 |
| Bin size (nm) | 0.509 |
| Power (mW) | 15.4 |

Iterations: 12



Combined spectrum

