

# Report: PHASE-I Coll1

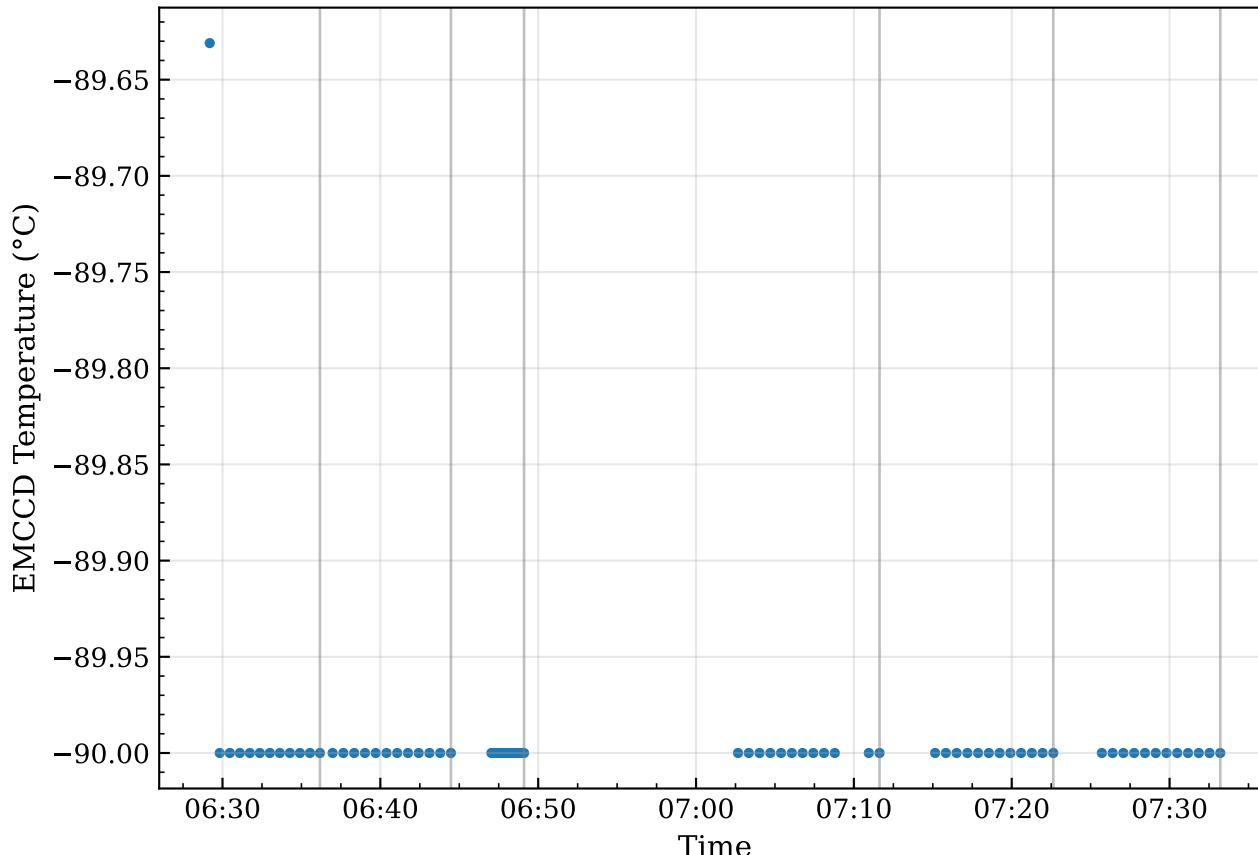
Project Phoenix

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

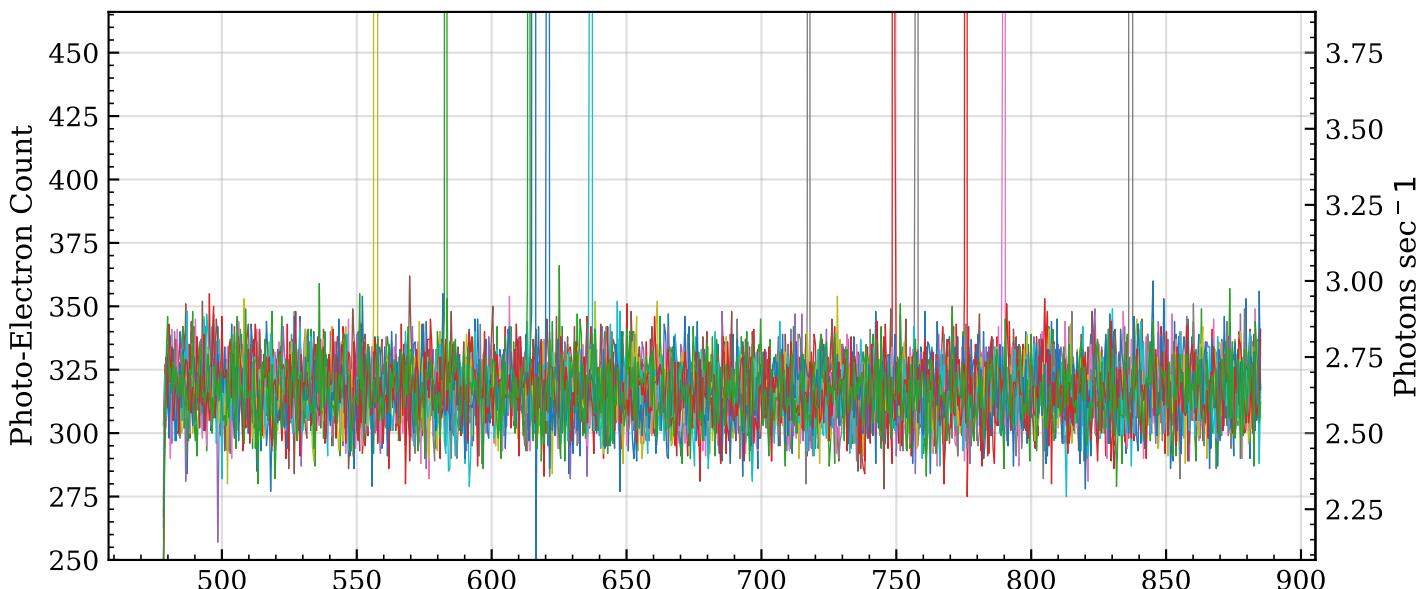
Acquisition on Fri Oct 17 2025



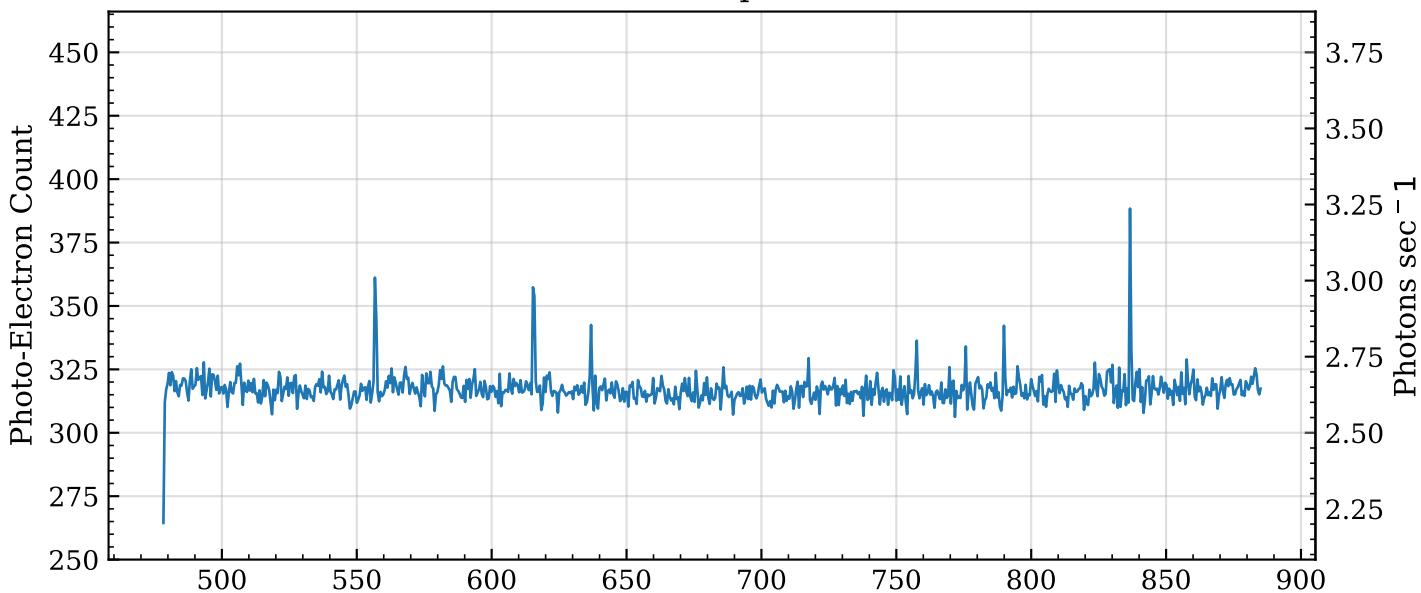
**BL**  
PHASE-I Coll1

	Value
Date and Time	Fri Oct 17 06:29:11.444 2025
Exposure Time (sec)	30.0
Pre-Amplifier Gain	4
Input Slit Width ( $\mu\text{m}$ )	1000
Bin size (nm)	0.509
Power (mW)	15.4

Iterations: 12



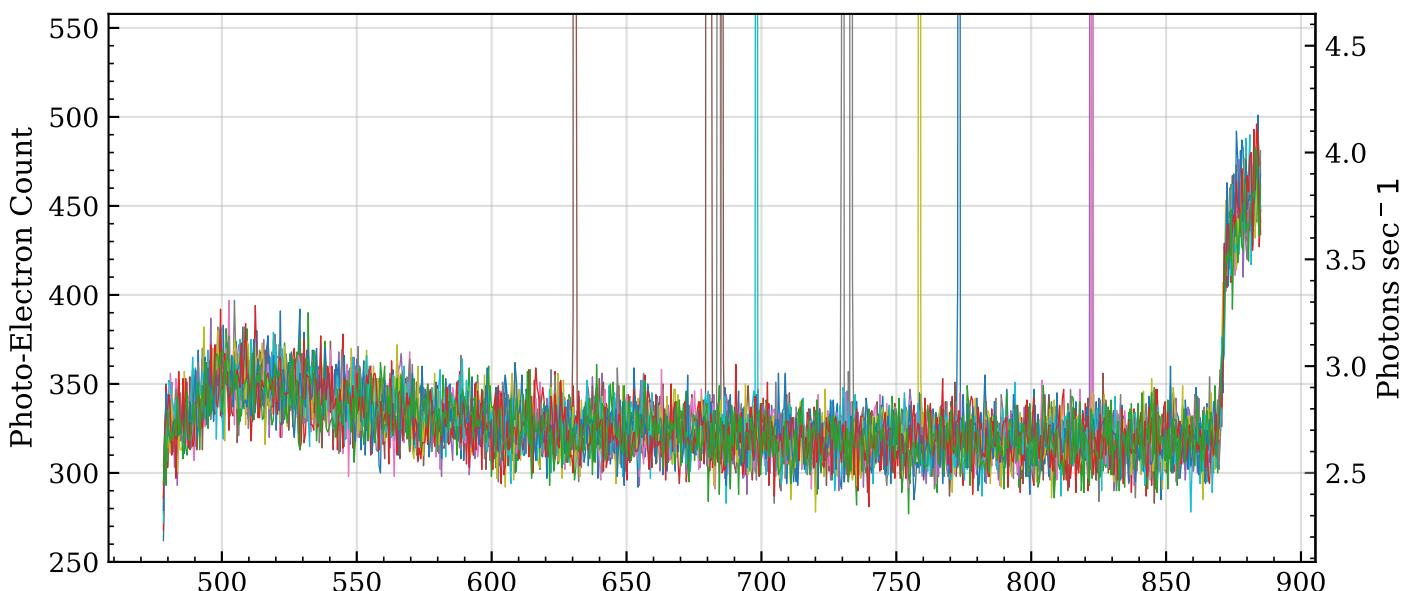
Combined spectrum



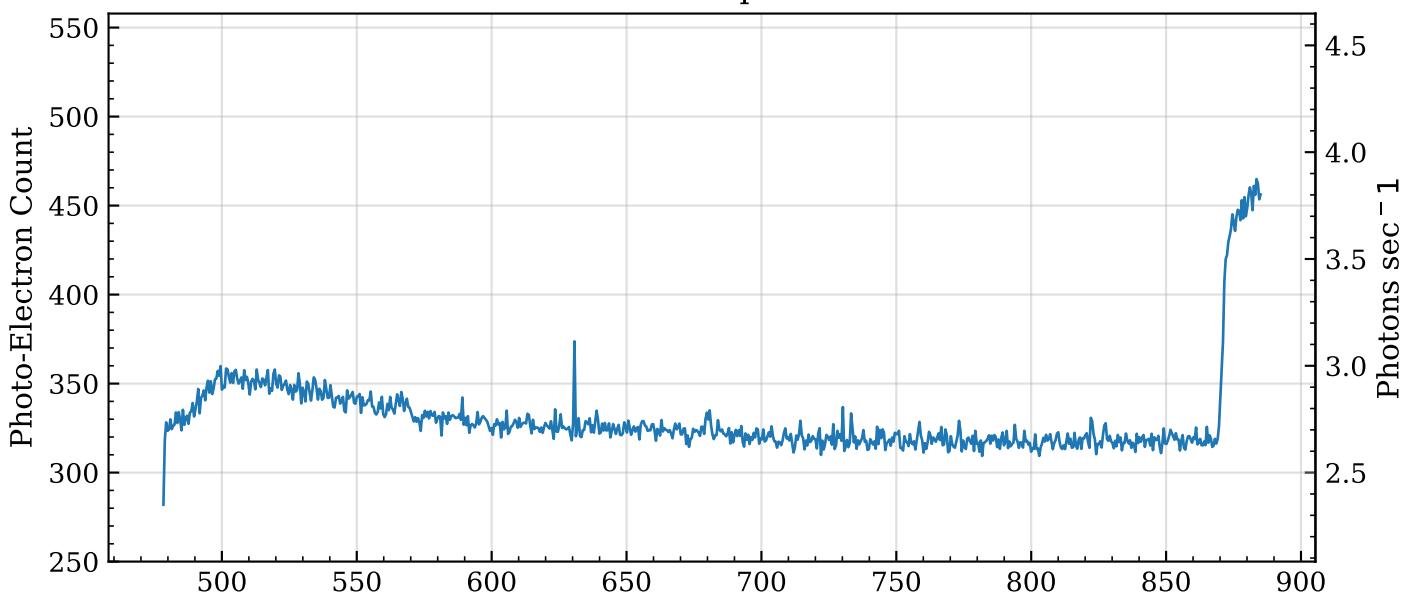
**AM**  
PHASE-I Coll1

	Value
Date and Time	Fri Oct 17 06:36:58.588 2025
Exposure Time (sec)	30.0
Pre-Amplifier Gain	4
Input Slit Width ( $\mu\text{m}$ )	1000
Bin size (nm)	0.509
Power (mW)	15.4

Iterations: 12



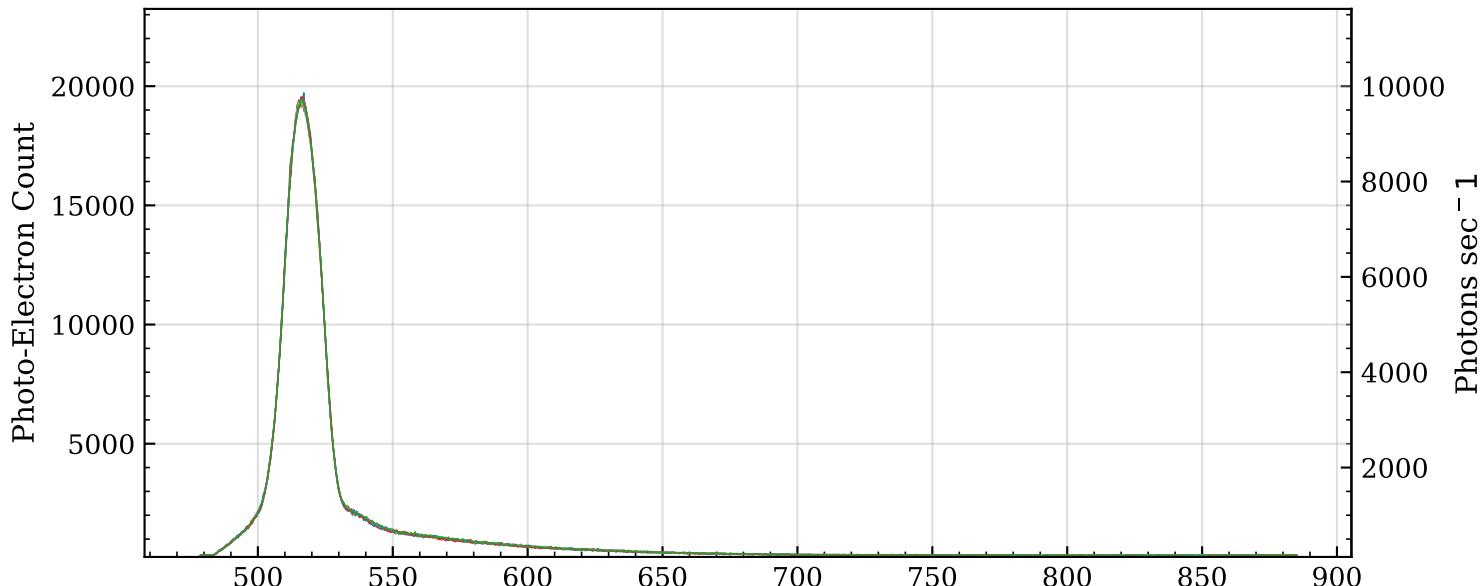
Combined spectrum



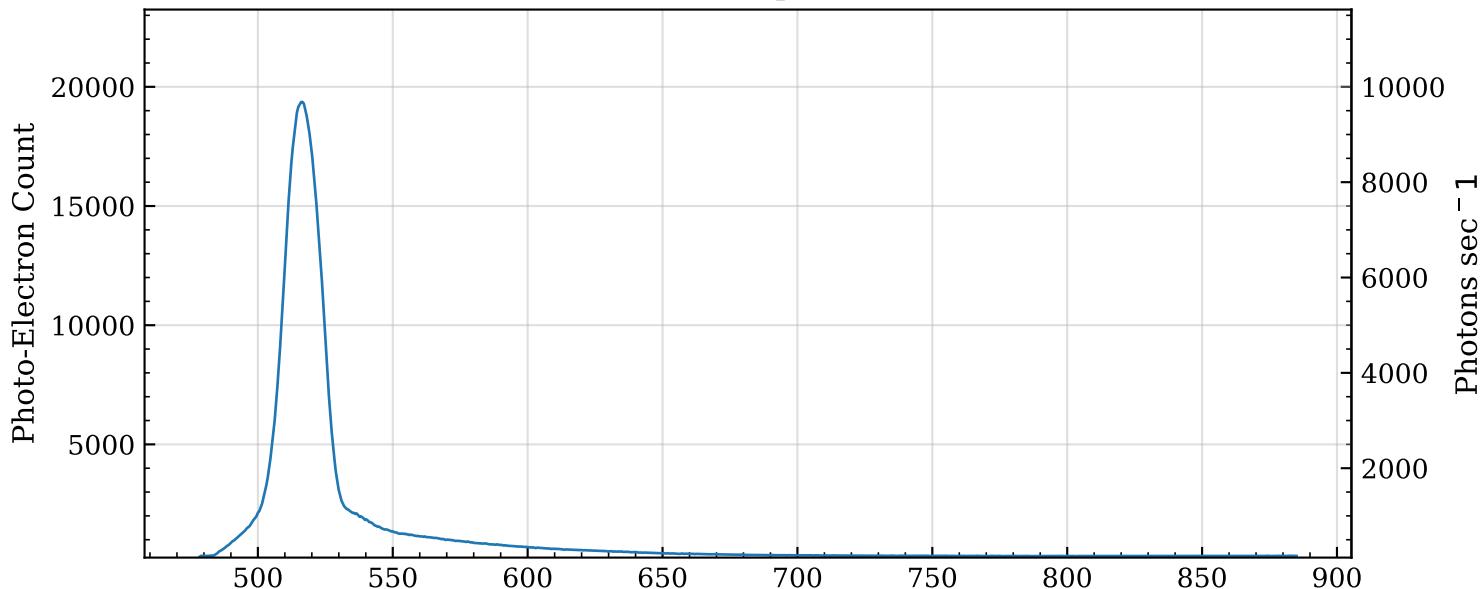
**H<sub>2</sub>O**  
PHASE-I Coll1

	Value
Date and Time	Fri Oct 17 06:47:02.066 2025
Exposure Time (sec)	0.5
Pre-Amplifier Gain	4
Input Slit Width ( $\mu\text{m}$ )	1000
Bin size (nm)	0.509
Power (mW)	15.4

Iterations: 12



Combined spectrum

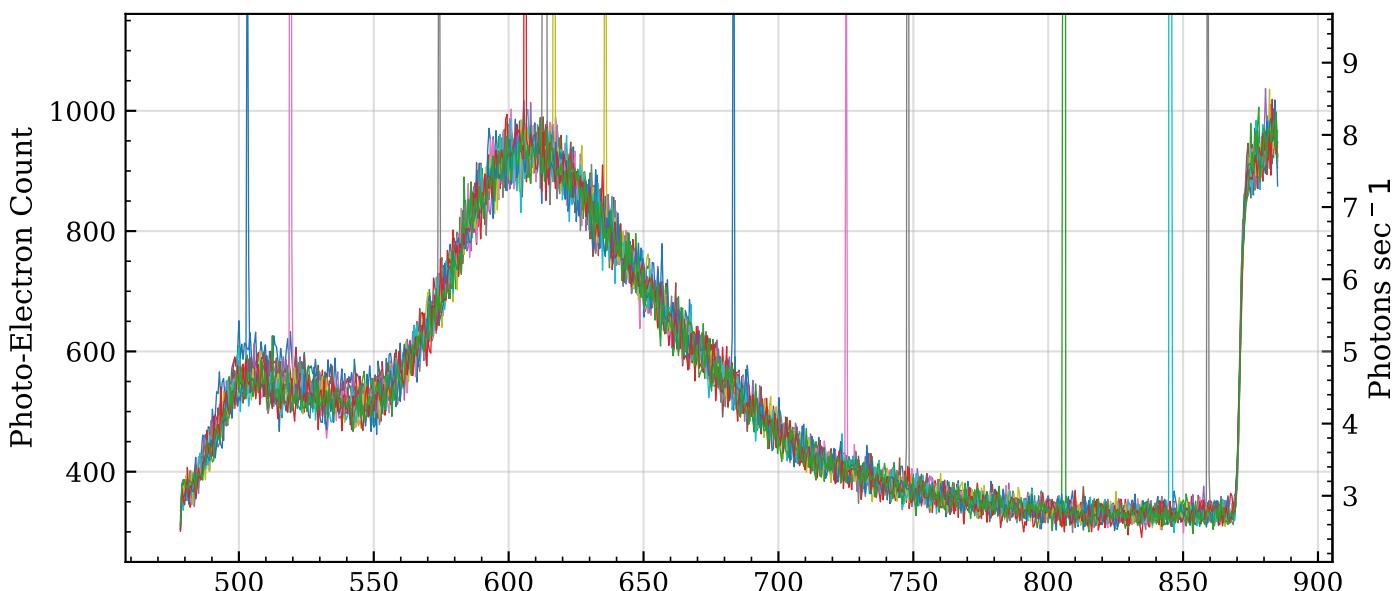


# LiF10 106

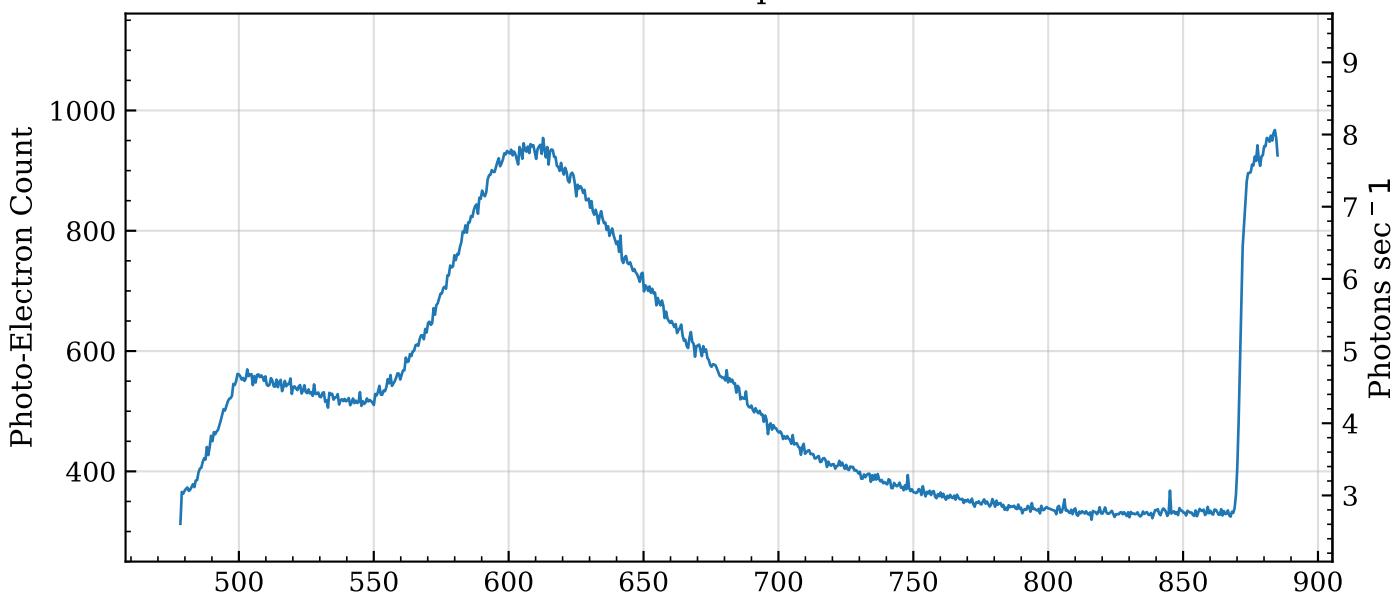
## PHASE- $\Gamma$ Coll1

	Value
Date and Time	Fri Oct 17 07:02:39.703 2025
Exposure Time (sec)	30.0
Pre-Amplifier Gain	4
Input Slit Width ( $\mu\text{m}$ )	1000
Bin size (nm)	0.509
Power (mW)	15.4

Iterations: 12



Combined spectrum

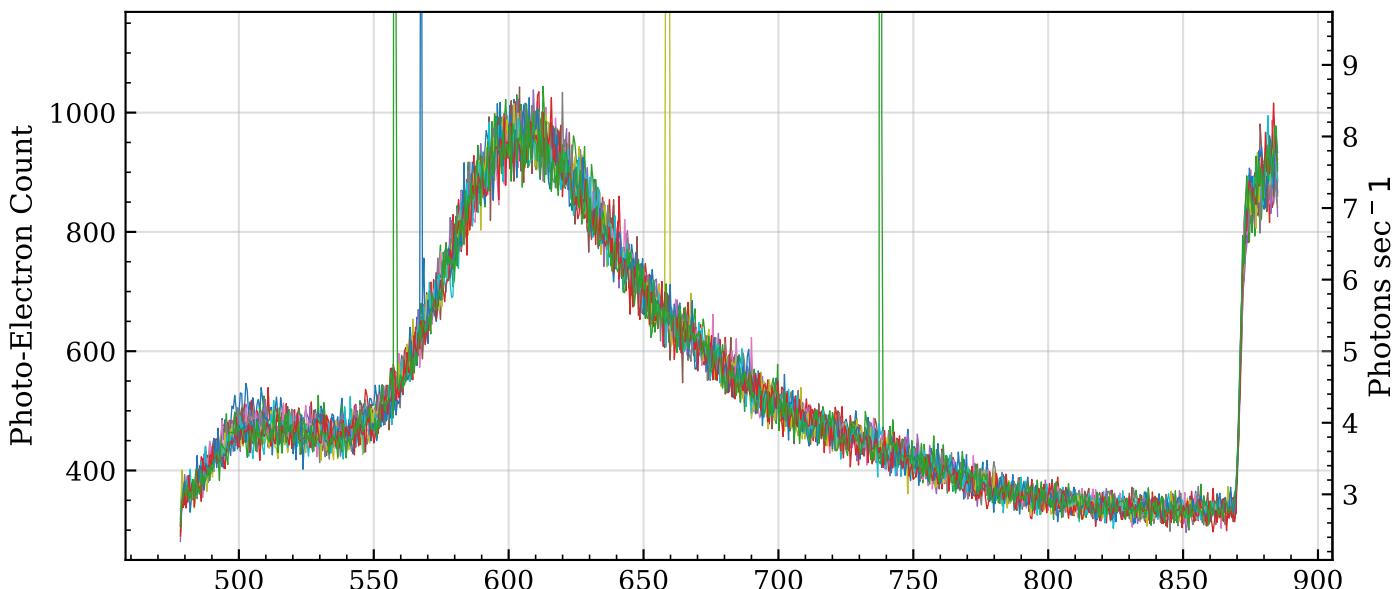


# LiF10 107

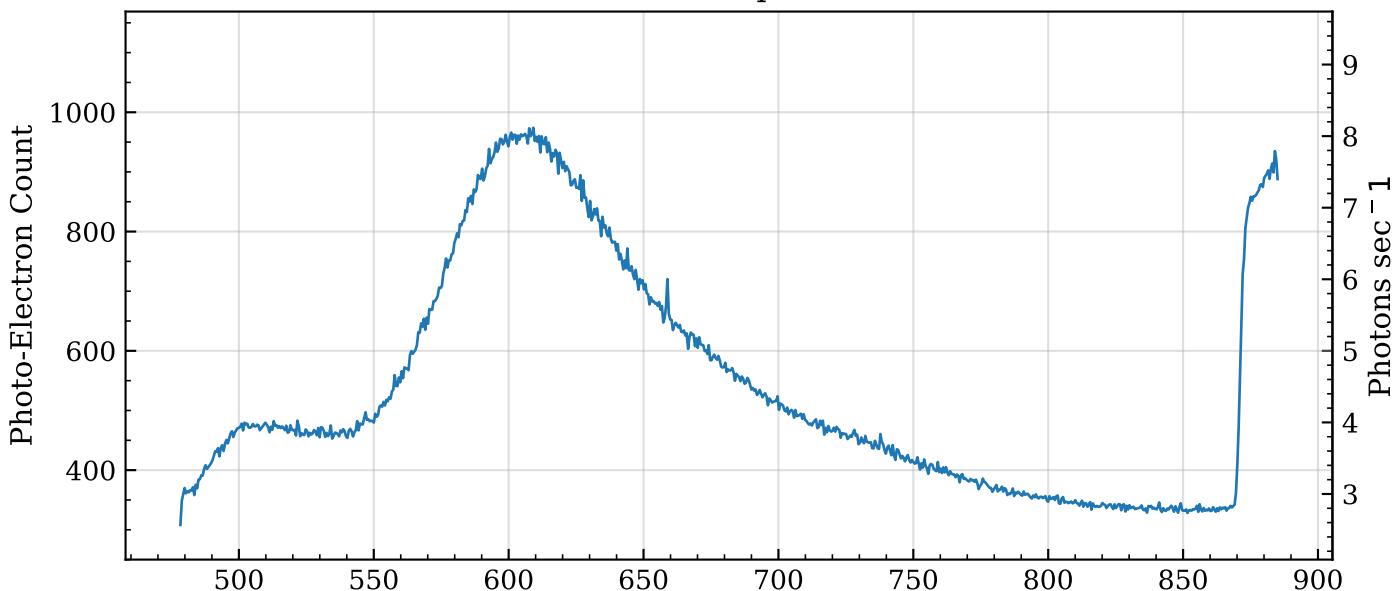
## PHASE- $\Gamma$ Coll1

	Value
Date and Time	Fri Oct 17 07:15:08.845 2025
Exposure Time (sec)	30.0
Pre-Amplifier Gain	4
Input Slit Width ( $\mu\text{m}$ )	1000
Bin size (nm)	0.509
Power (mW)	15.4

Iterations: 12



Combined spectrum

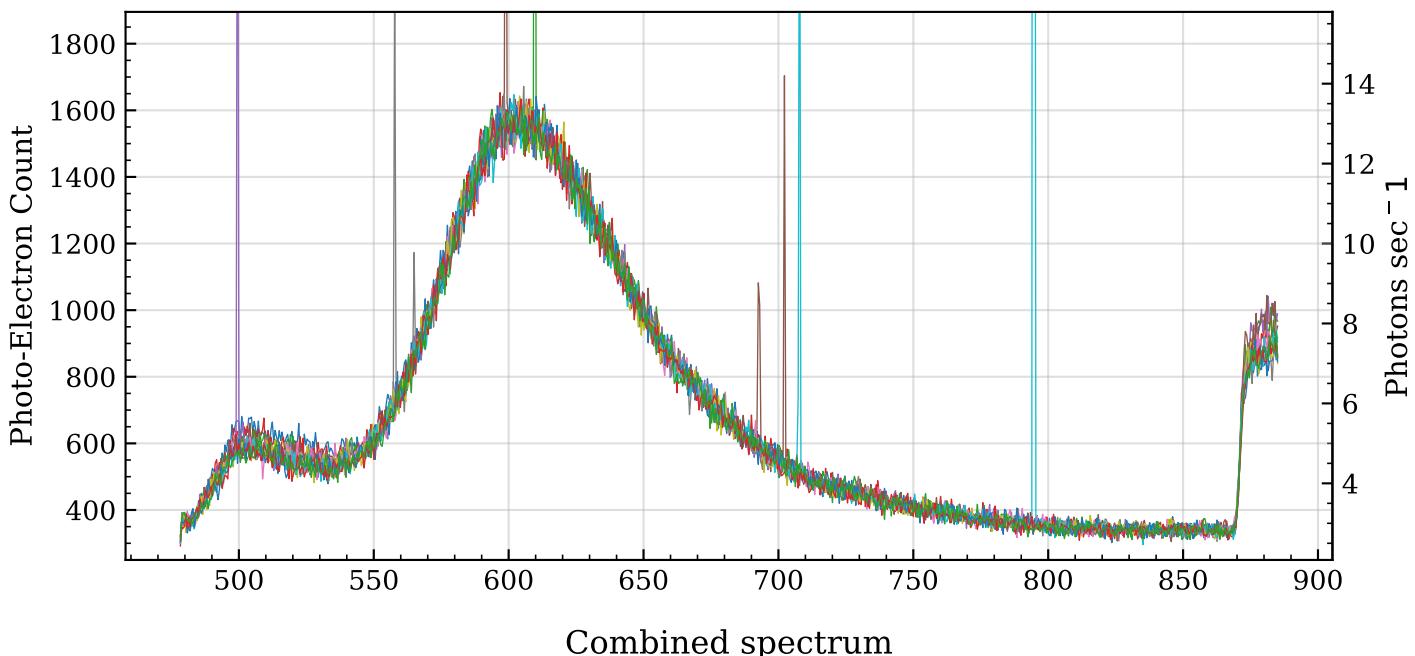


# LiF10 108

## PHASE- $\Gamma$ 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 ( $\mu\text{m}$ )	1000
Bin size (nm)	0.509
Power (mW)	15.4

Iterations: 12



Combined spectrum

