Report: PHASE-I Coll2

Project Phoenix

Created: 2025-11-05 16:07

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
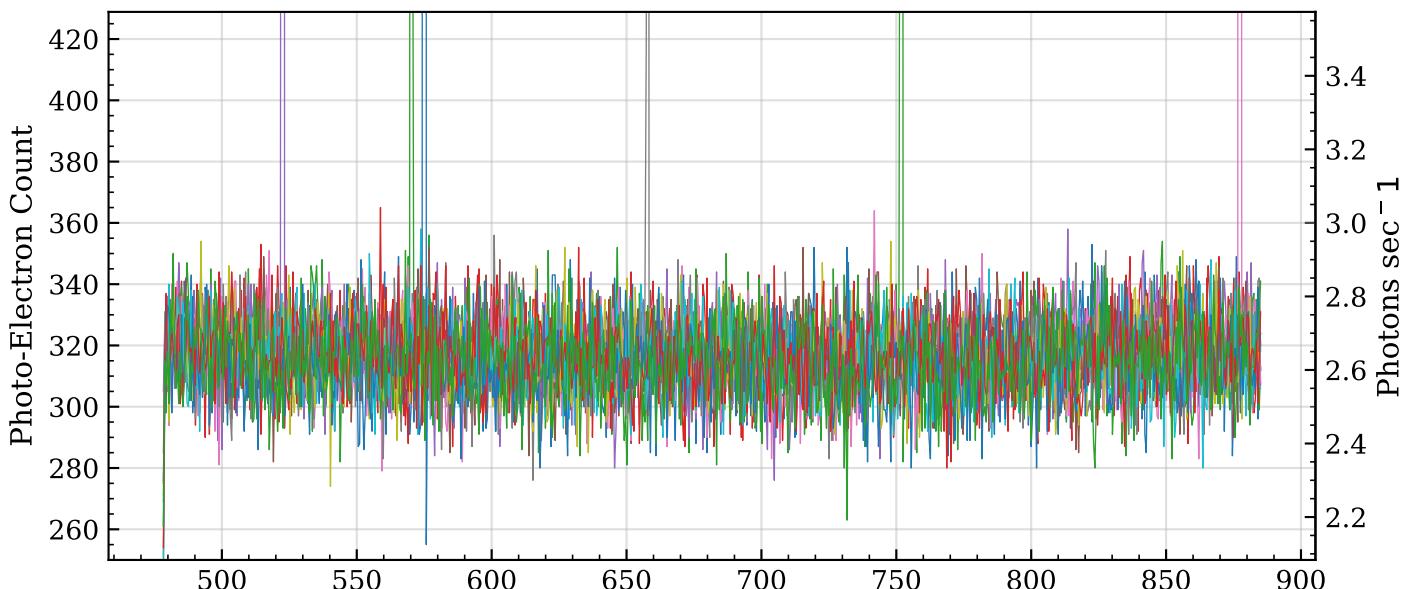
Acquisition on Fri Oct 17 2025
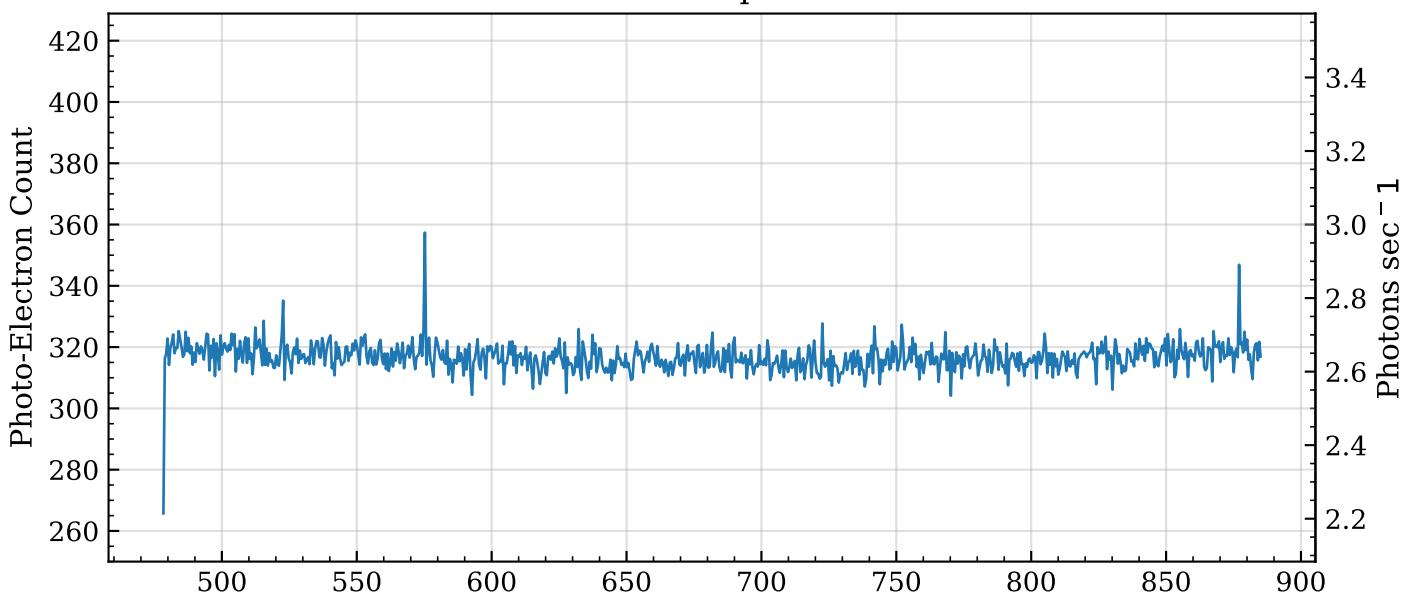
BL

	Value
Date and Time	Fri Oct 17 08:06:49.375 2025
Exposure Time (sec)	30.0
Pre-Amplifier Gain	4
Input Slit Width (µm)	1000
Bin size (nm)	0.509
Power (mW)	15.2
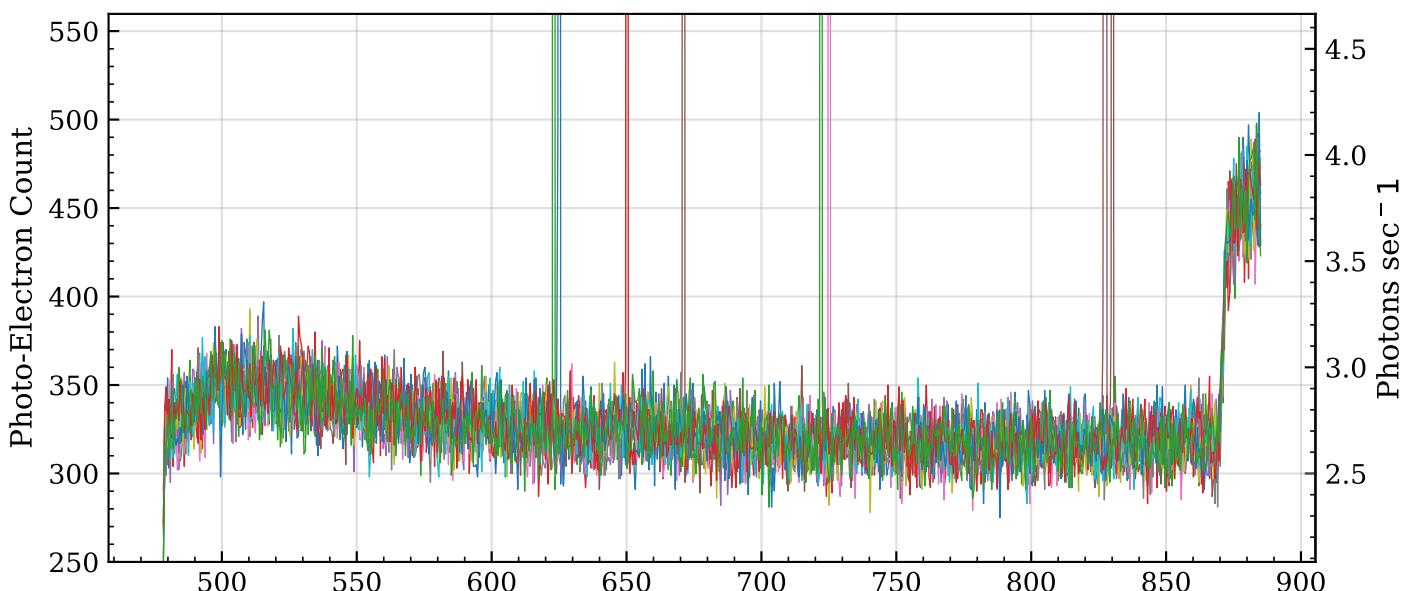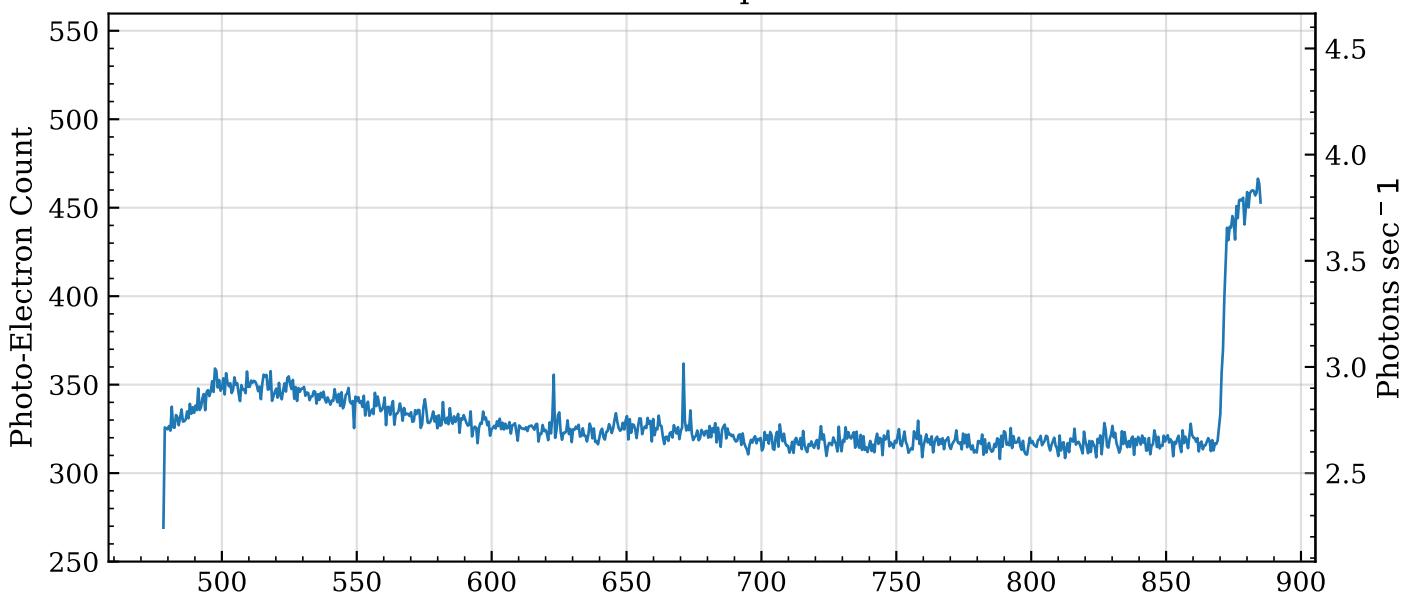
AM

	Value
Date and Time	Fri Oct 17 08:14:47.695 2025
Exposure Time (sec)	30.0
Pre-Amplifier Gain	4
Input Slit Width (μm)	1000
Bin size (nm)	0.509
Power (mW)	15.2
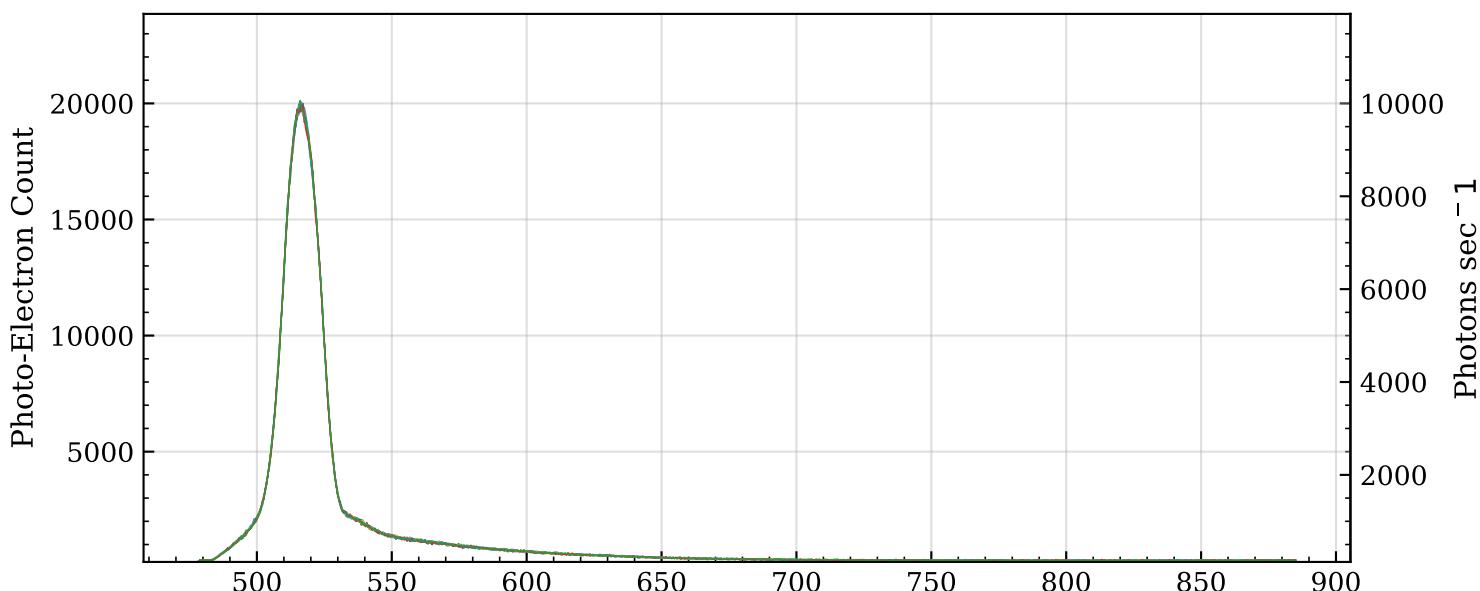
Iterations: 12
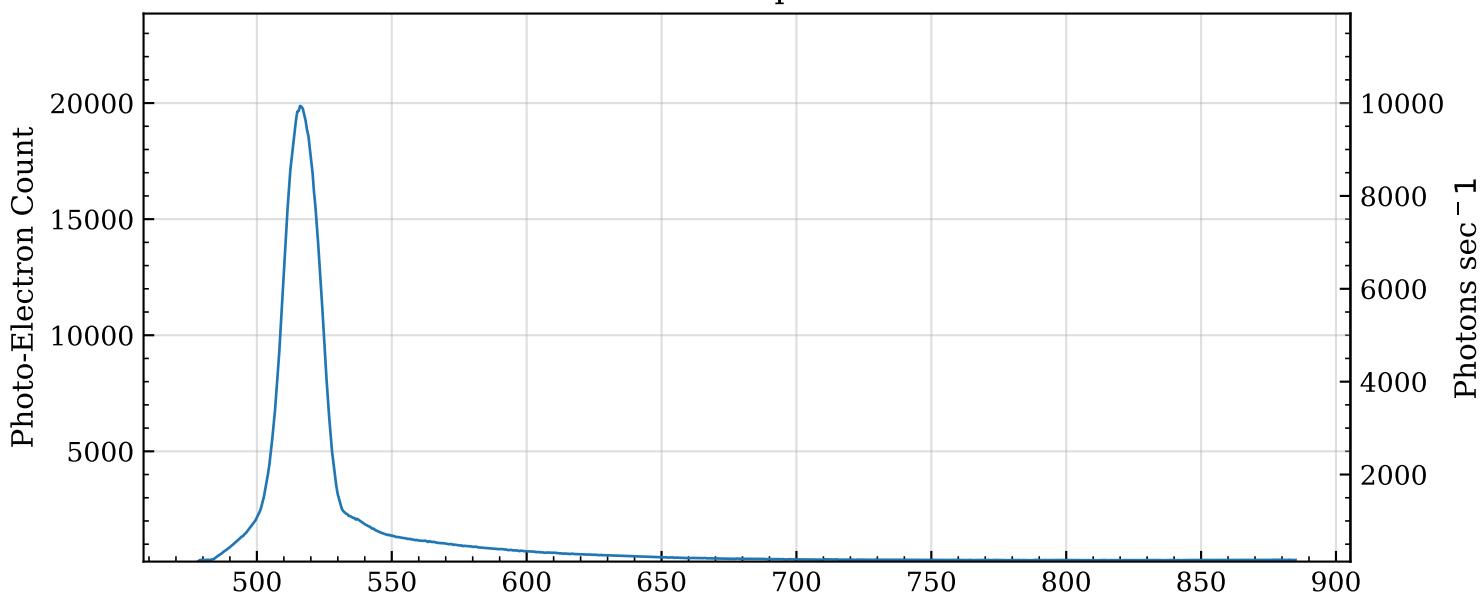
Combined spectrum

H2O

	Value
Date and Time	Fri Oct 17 08:24:22.266 2025
Exposure Time (sec)	0.5
Pre-Amplifier Gain	4
Input Slit Width (μm)	1000
Bin size (nm)	0.509
Power (mW)	15.2
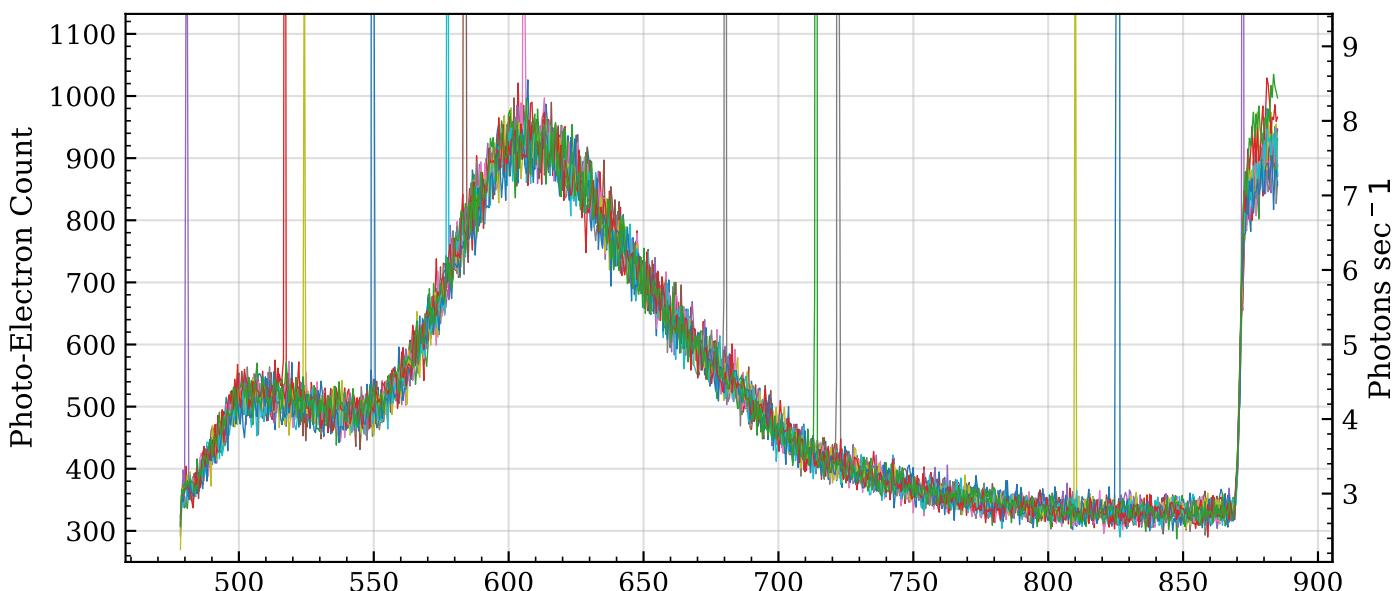
Iterations: 12
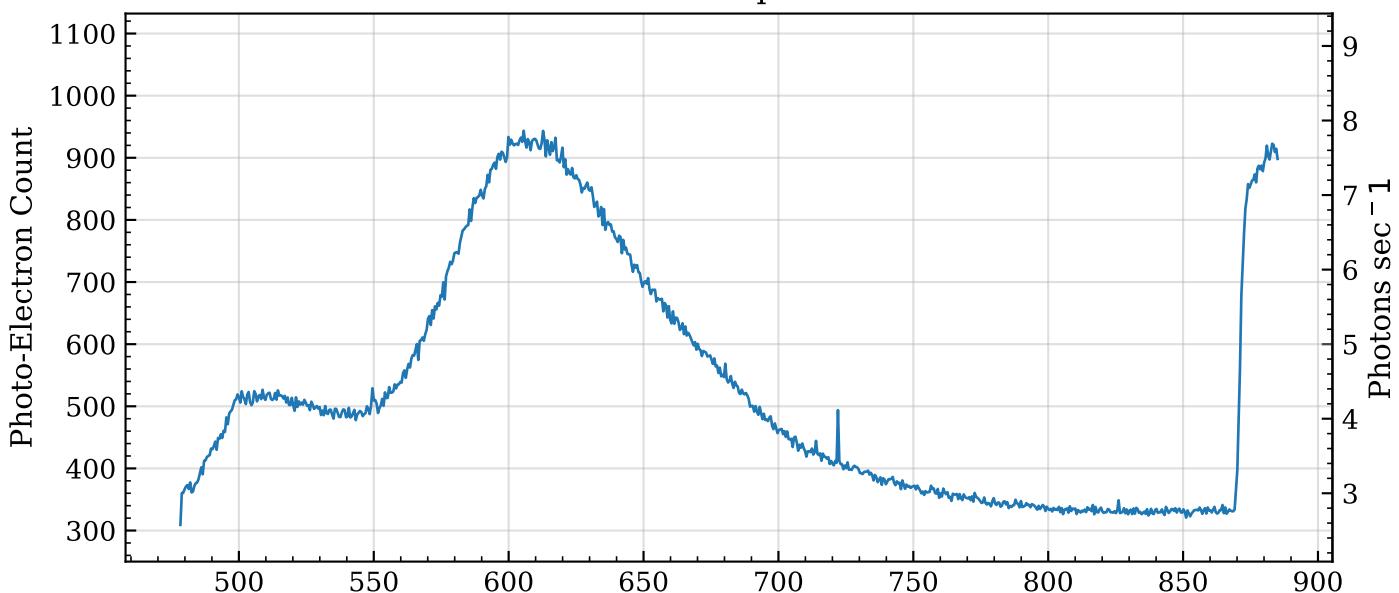
Combined spectrum

LiF10_106

	Value
Date and Time	Fri Oct 17 08:28:59.693 2025
Exposure Time (sec)	30.0
Pre-Amplifier Gain	4
Input Slit Width (μm)	1000
Bin size (nm)	0.509
Power (mW)	15.2
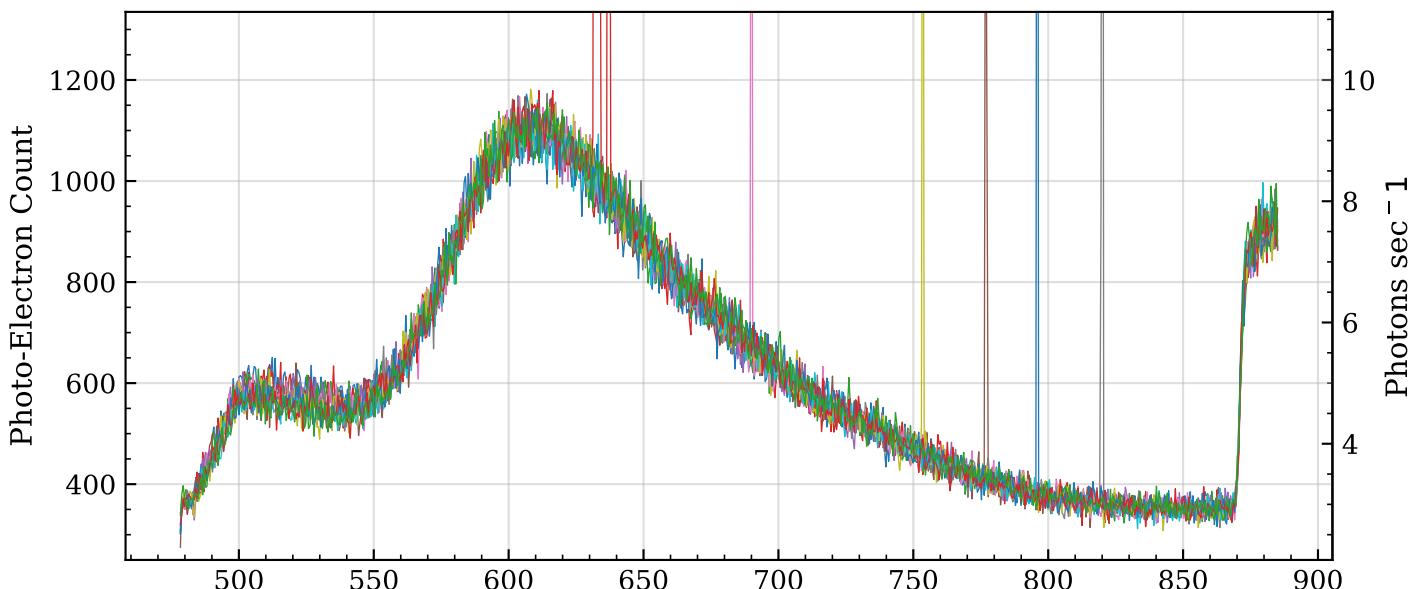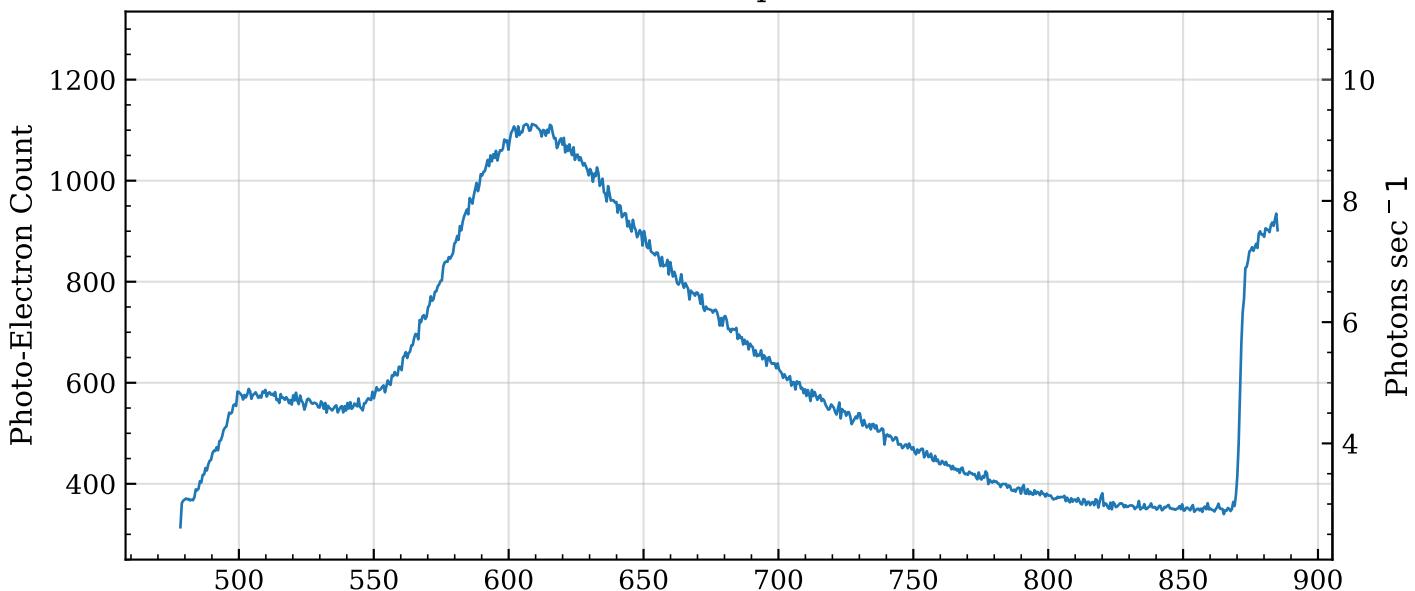
LiF10_107

	Value
Date and Time	Fri Oct 17 08:39:26.651 2025
Exposure Time (sec)	30.0
Pre-Amplifier Gain	4
Input Slit Width (µm)	1000
Bin size (nm)	0.509
Power (mW)	15.2
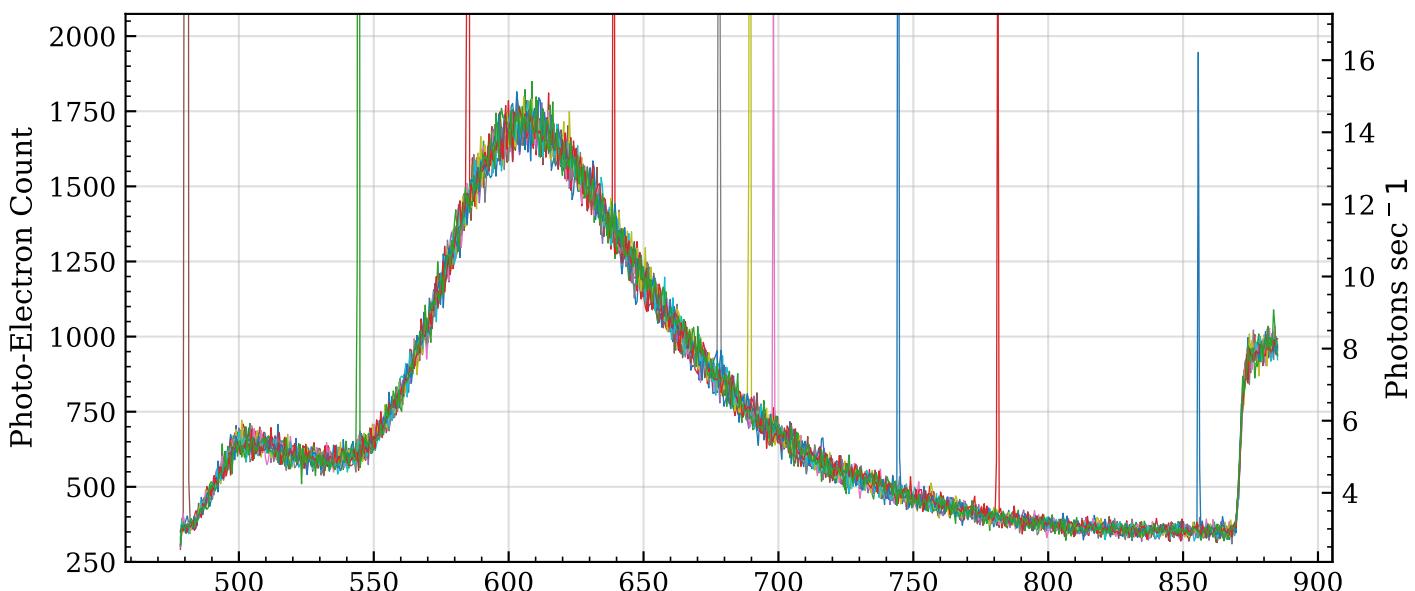
Iterations: 12

Combined spectrum

LiF10_108

	Value
Date and Time	Fri Oct 17 08:49:40.922 2025
Exposure Time (sec)	30.0
Pre-Amplifier Gain	4
Input Slit Width (μm)	1000
Bin size (nm)	0.509
Power (mW)	15.2

Iterations: 12

Combined spectrum