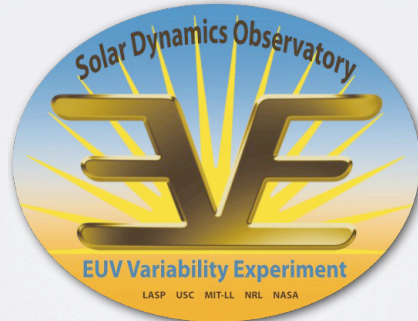


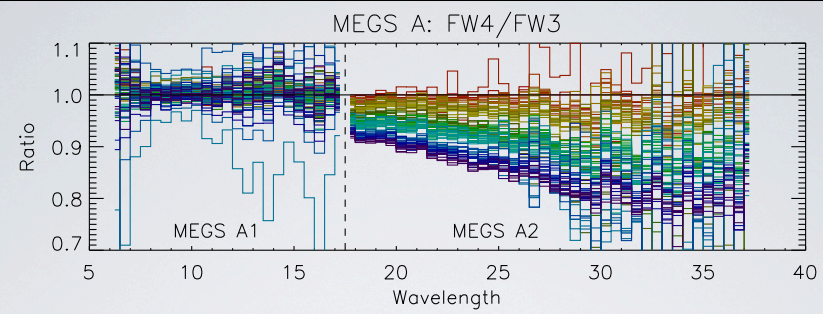
MEGS THIN FOIL FILTER DEGRADATION

Rachel Hock

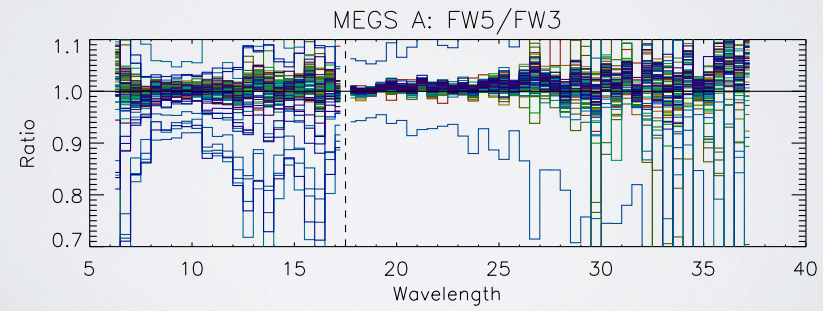


MEGS FILTERS

	MEGS A1	MEGS A2	MEGS B
FW1	Dark	Dark	Dark
FW2	C/Zr/Si/C (100, 2300, 1200, 100 Å)	Al/Mg/Al (900, 3000, 900 Å)	Al/Mg/Al (900, 3000, 900 Å)
FW3	C/Zr/C (100, 2800, 100 Å)	Al/Ge/C (200, 200, 200 Å)	Open
FW4	C/Zr/C (100, 2800, 100 Å)	Al/Ge/C (200, 200, 200 Å)	Fused Silica
FW5	C/Zr/C (100, 2800, 100 Å)	Al/Ge/C (200, 200, 200 Å)	Open

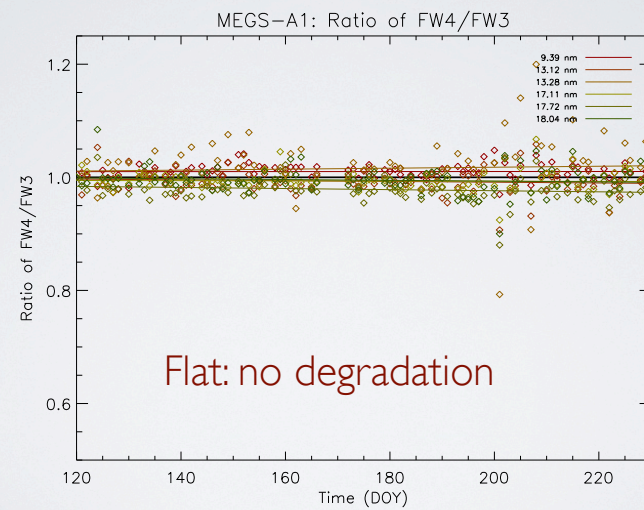


Primary Science/Backup #1: degradation in MEGS A2 only

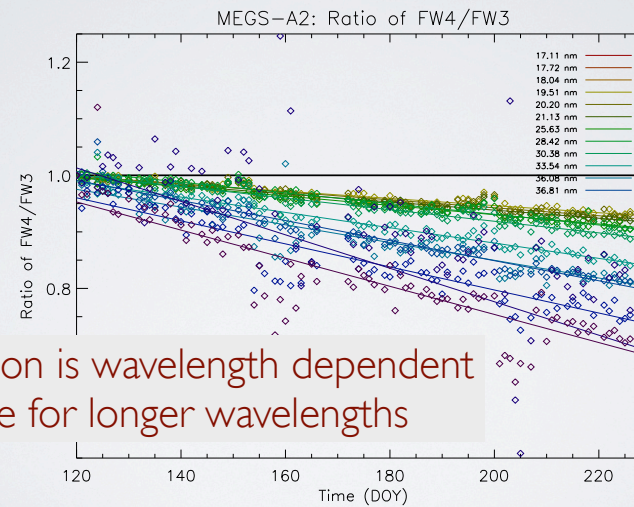


Backup #2/Backup #1: both channels are flat

MEGS A1 EXTRACTED LINES

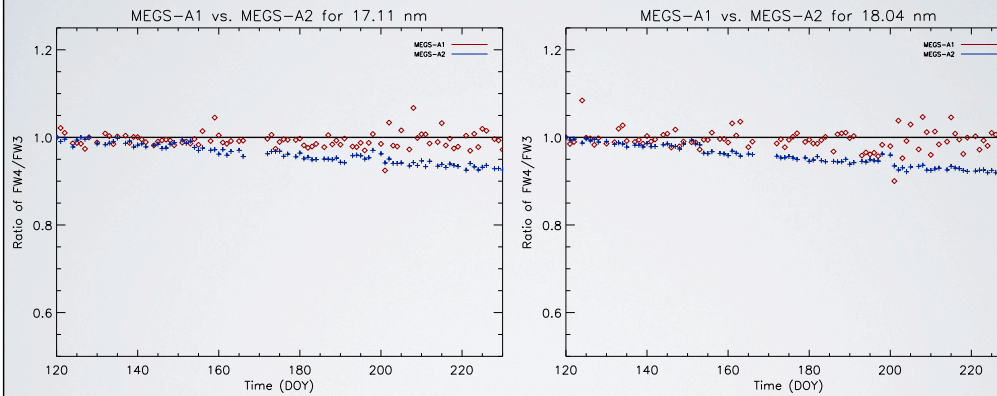


MEGS A2 EXTRACTED LINES



Degradation is wavelength dependent
Worse for longer wavelengths

LOOKING AT THE OVERLAP REGION BETWEEN A1 & A2



This degradation is only with the A1 foil filters.
It is quantifiable so we can correct for it (V2).