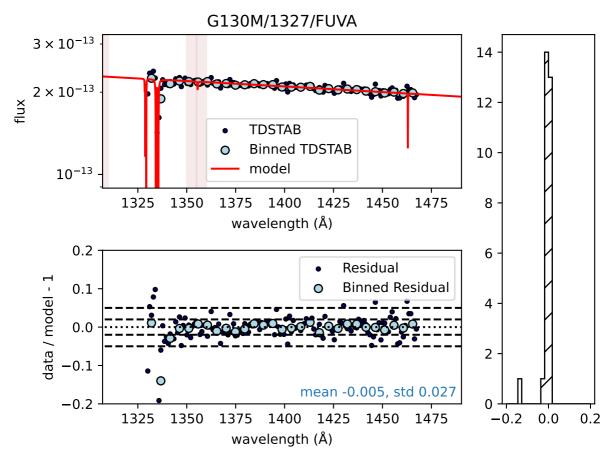
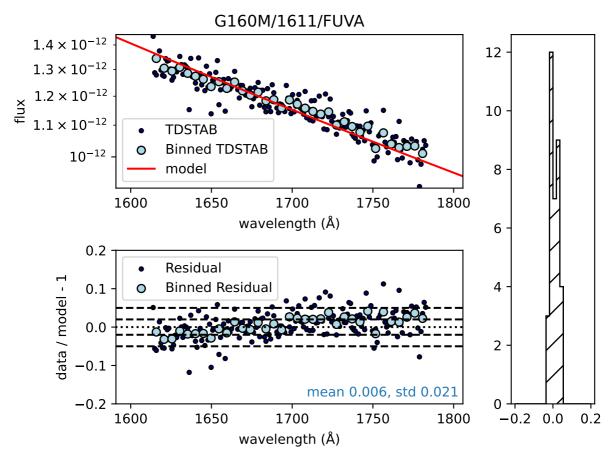
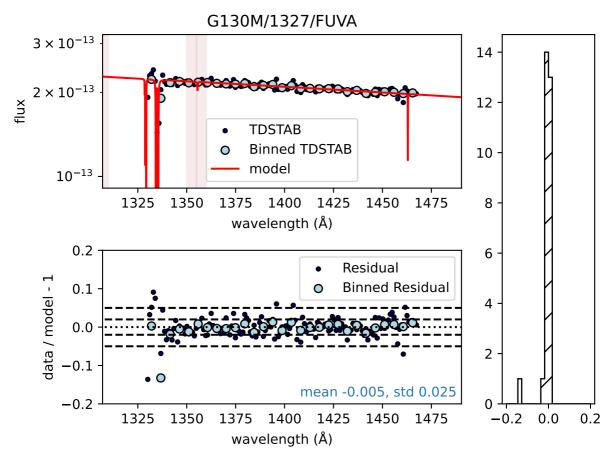
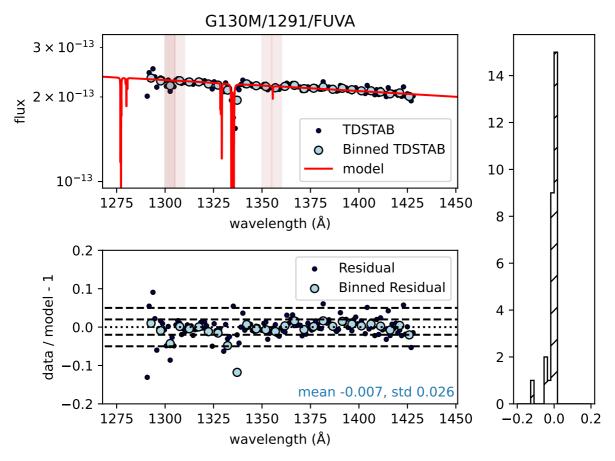


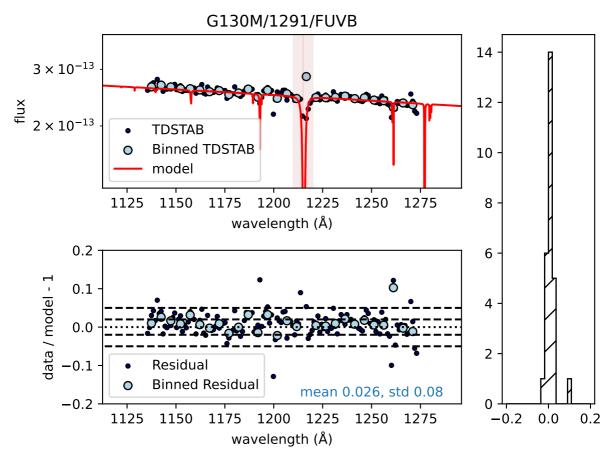
G160M/1623/FUVA 1.4×10^{-12} 1.3×10^{-12} 20 1.2×10^{-12} 1.1×10^{-12} **TDSTAB** 10^{-12} **Binned TDSTAB** 15 model 9×10^{-13} 1650 1700 1750 1800 wavelength (Å) 10 0.2 data / model - 1 0.1 5 0.0 -0.1Residual Binned Residual mean 0.013, std 0.011 -0.21650 1700 1750 -0.20.0 0.2 1800 wavelength (Å)

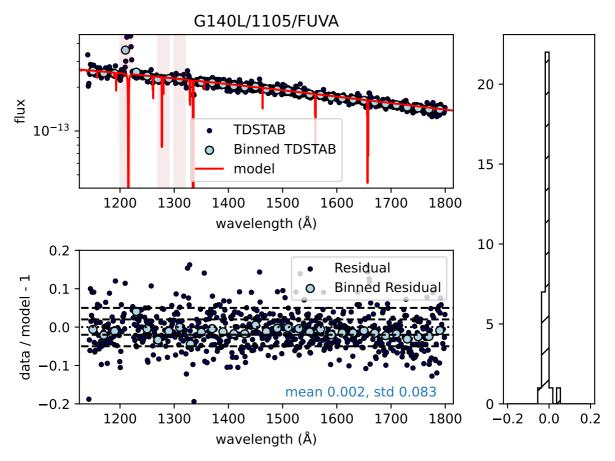


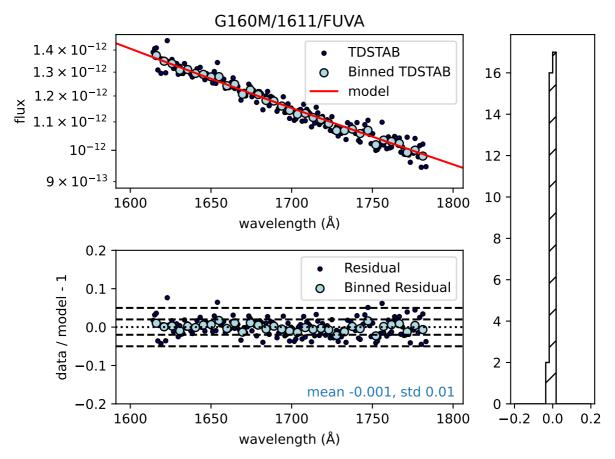


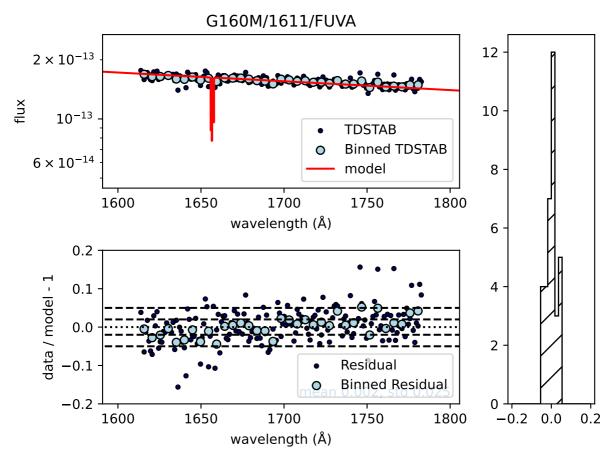


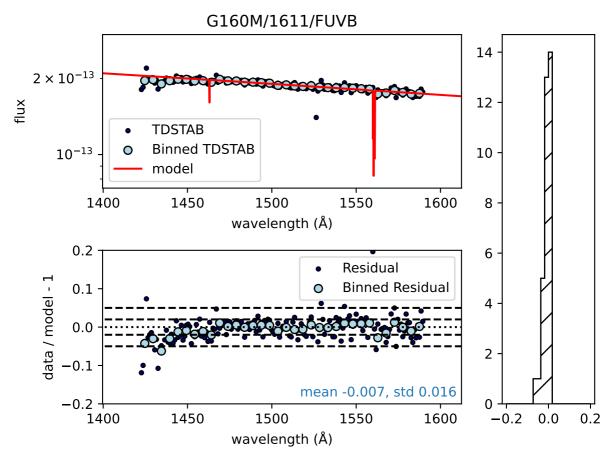


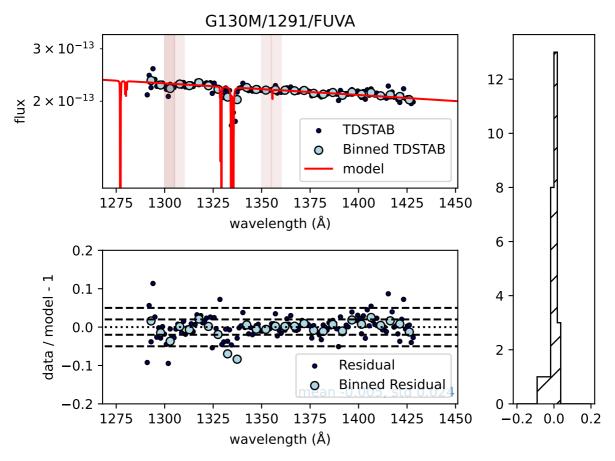


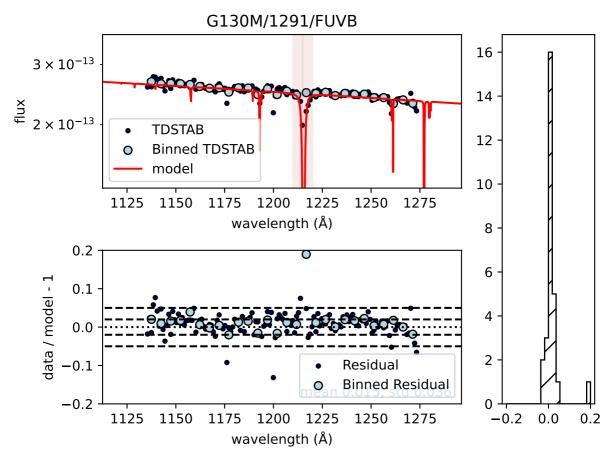


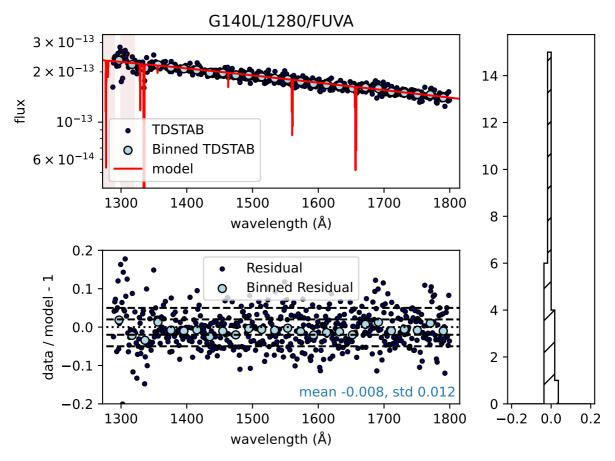


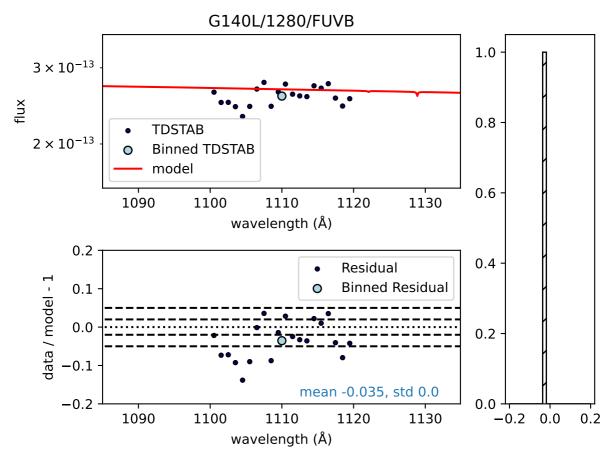


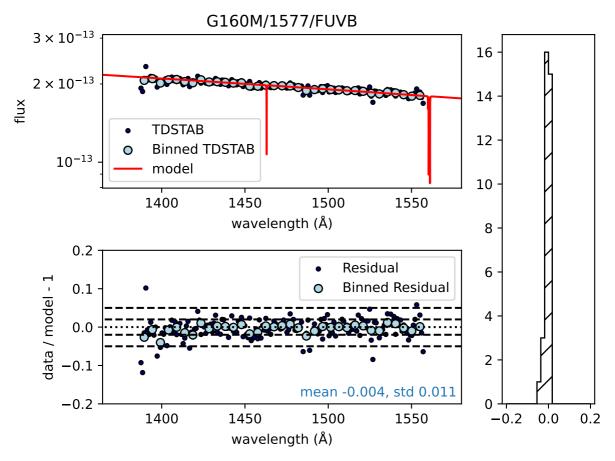


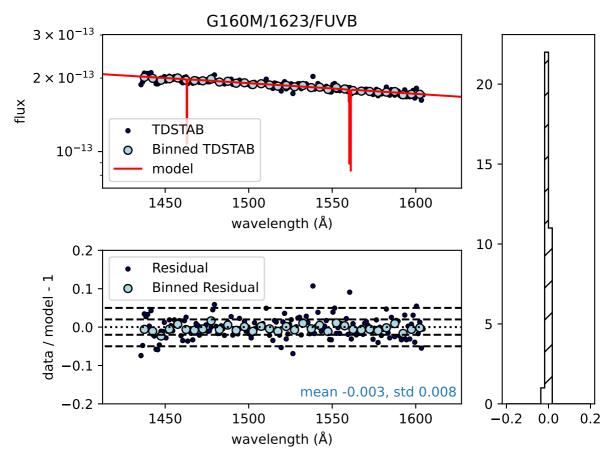


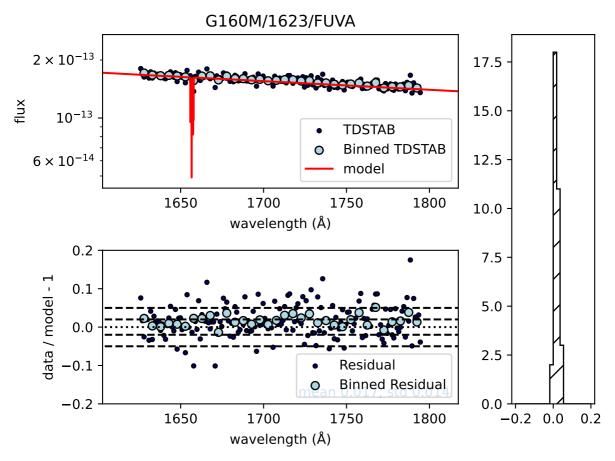


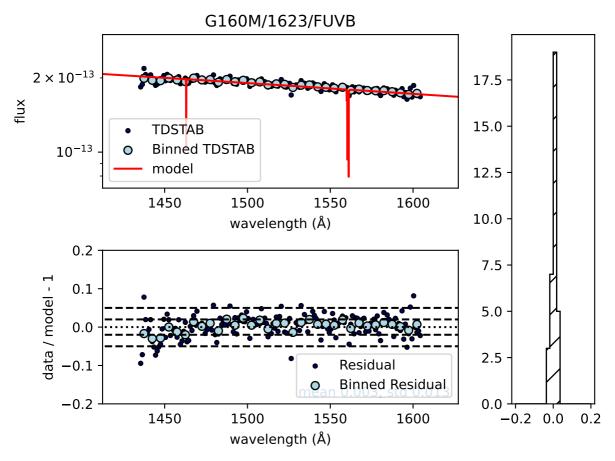


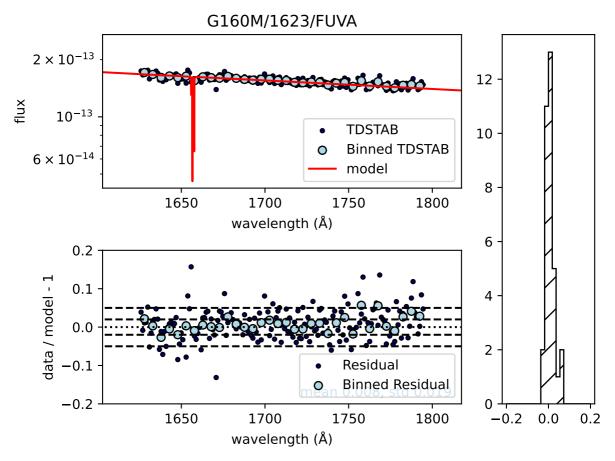


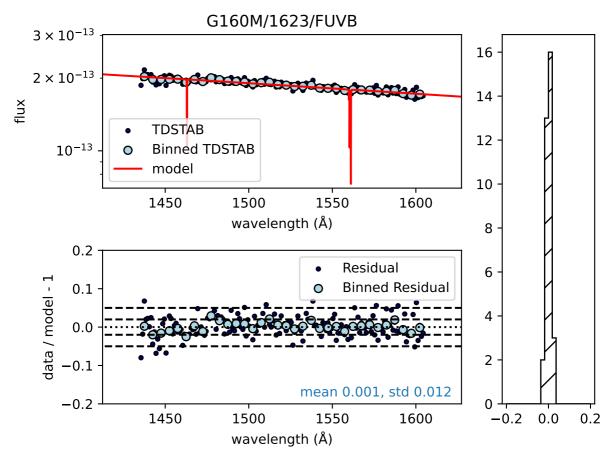


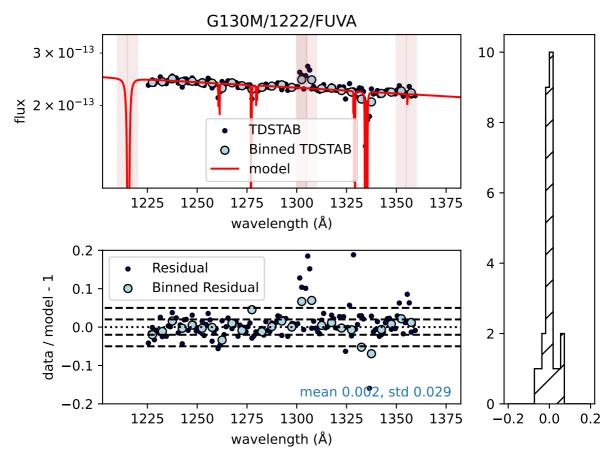


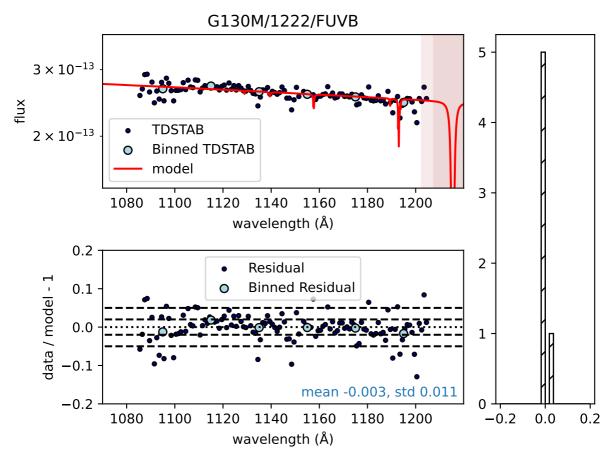


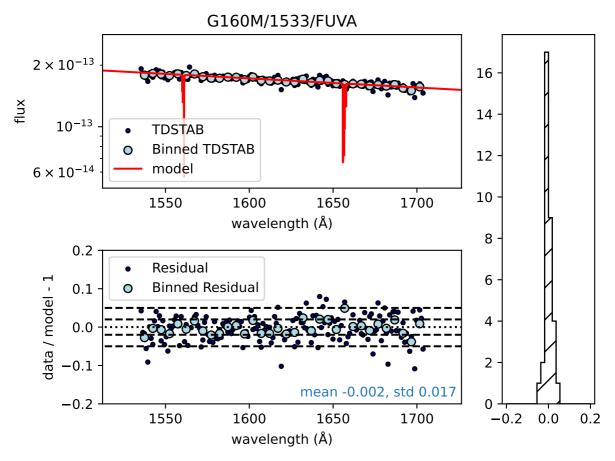


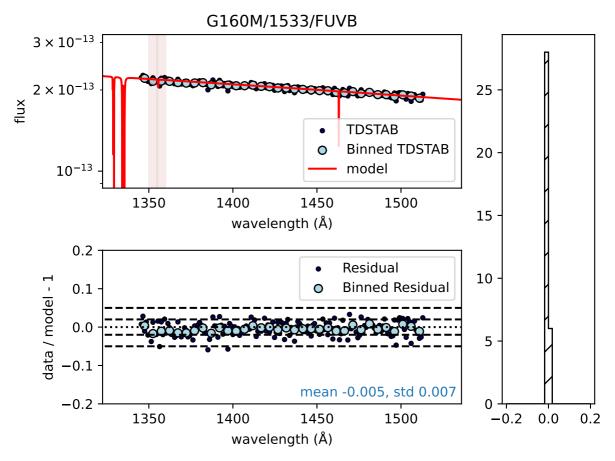






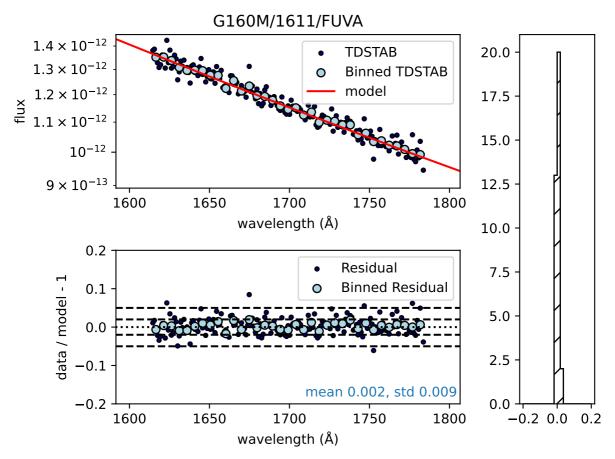


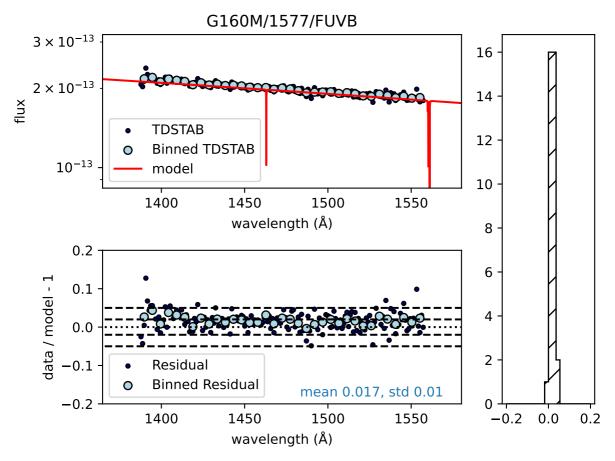


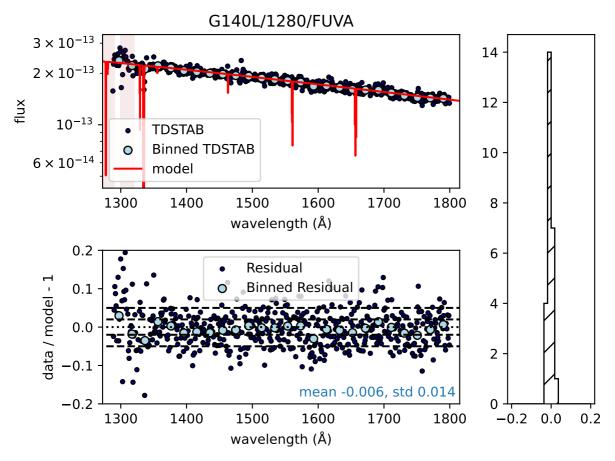


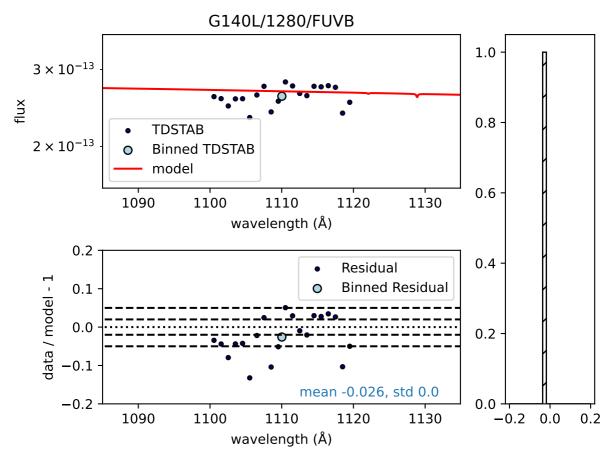
G160M/1623/FUVA 1.4×10^{-12} 16 1.3×10^{-12} 1.2×10^{-12} 14 1.1×10^{-12} **TDSTAB** 10^{-12} 12 **Binned TDSTAB** model 9×10^{-13} 10 1650 1700 1750 1800 wavelength (Å) 8 0.2 6 data / model - 1 0.1 4 0.0 2 -0.1Residual Binned Residual -0.21650 1700 1750 1800 -0.20.0 0.2

wavelength (Å)



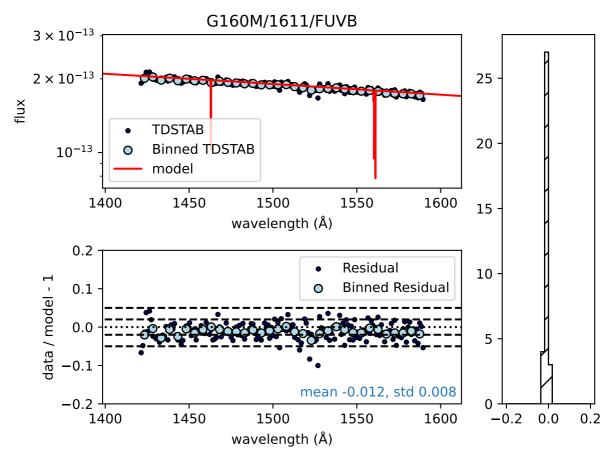


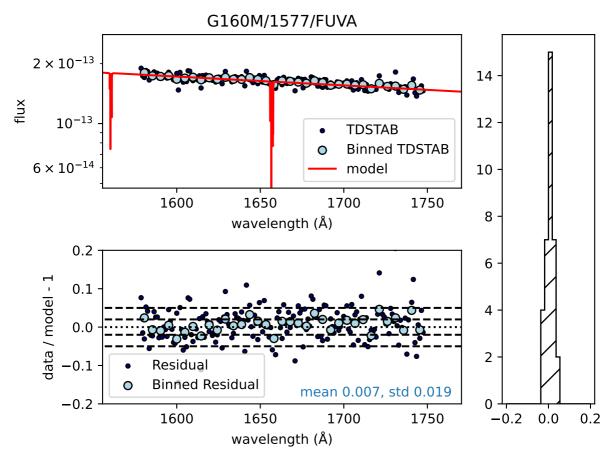


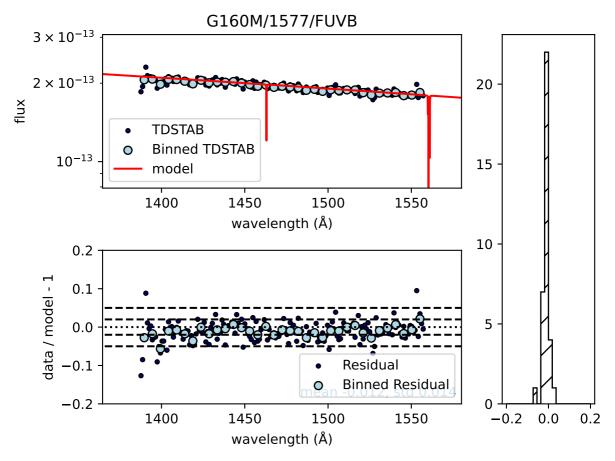


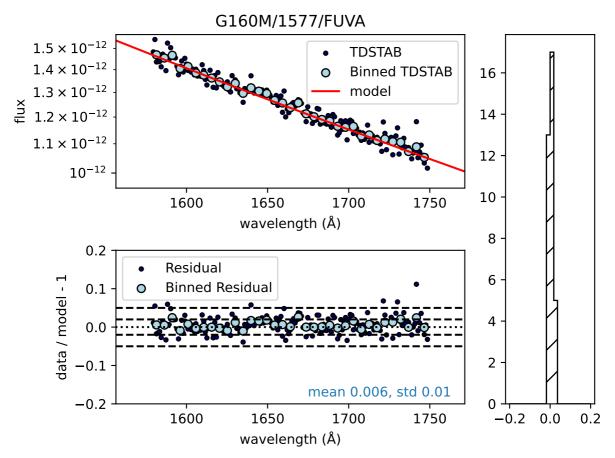
G160M/1533/FUVA 1.6×10^{-12} 16 1.5×10^{-12} 1.4×10^{-12} 14 1.3×10^{-12} **TDSTAB** 1.2×10^{-12} 12 **Binned TDSTAB** 1.1×10^{-12} model 10 1550 1600 1650 1700 wavelength (Å) 8 0.2 Residual 6 data / model - 1 Binned Residual 0.1 4 0.0 2 -0.1mean -0.01, std 0.014 -0.21550 1600 1650 0.0 0.2 1700 -0.2

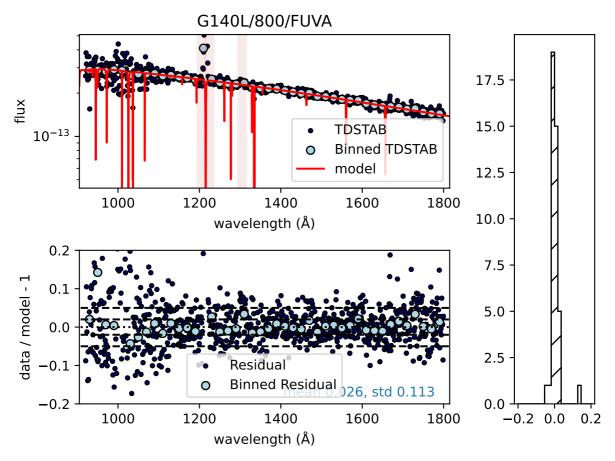
wavelength (Å)



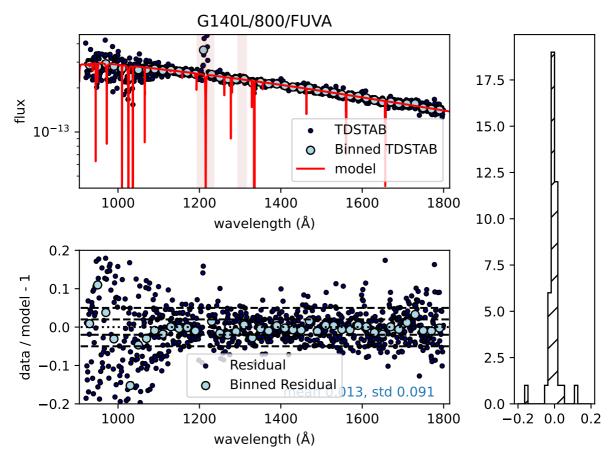


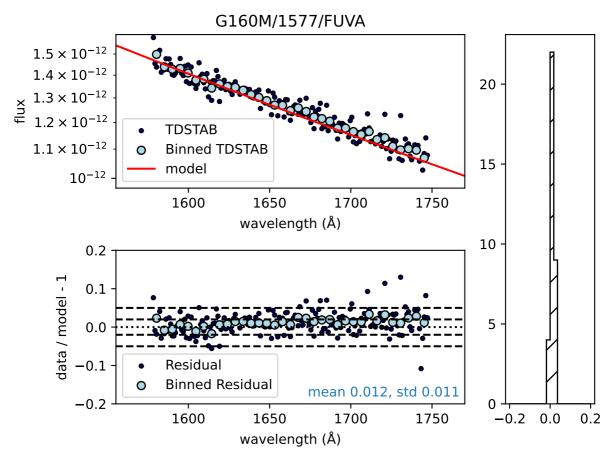


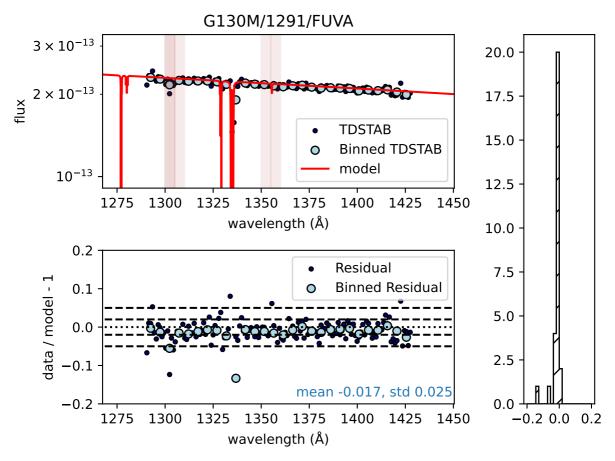


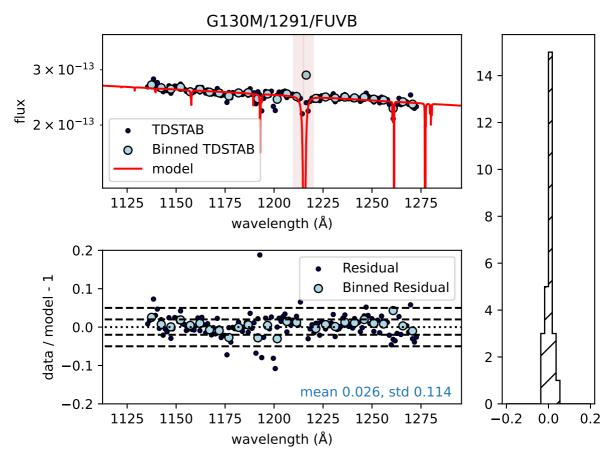


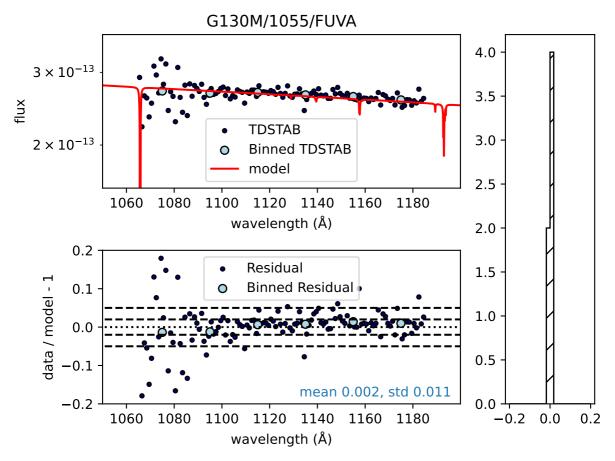
G160M/1611/FUVA 1.4×10^{-12} 1.3×10^{-12} 12 1.2×10^{-12} 1.1×10^{-12} **TDSTAB** 10 10^{-12} **Binned TDSTAB** model 9×10^{-13} 8 1600 1650 1700 1750 1800 wavelength (Å) 6 0.2 Residual data / model - 1 Binned Residual 0.1 4 0.0 2 -0.1mean 0.008, std 0.018 -0.21600 1650 1700 -0.20.0 1750 1800 0.2 wavelength (Å)

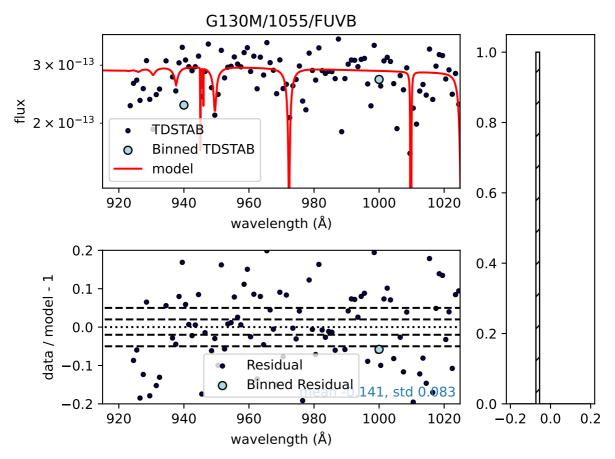


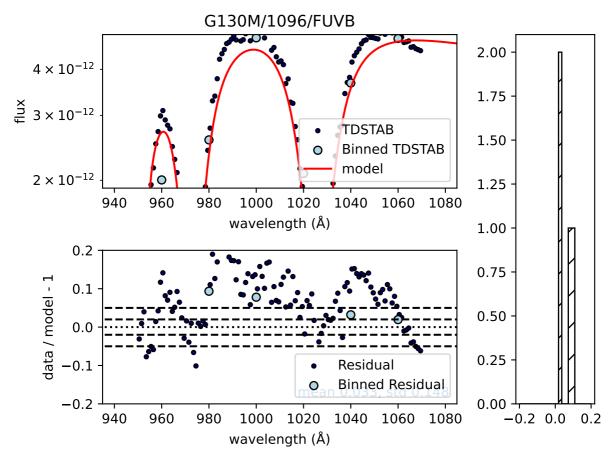


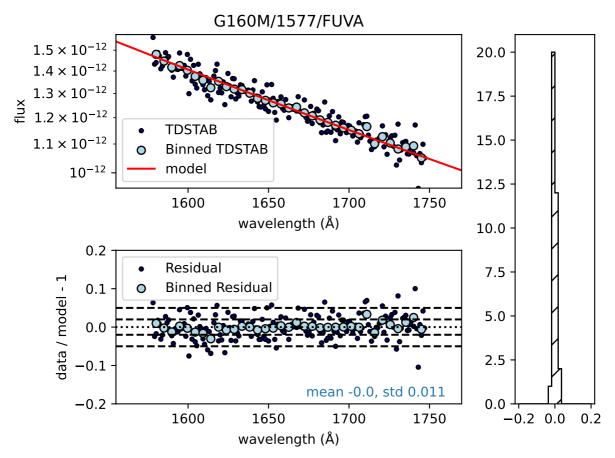


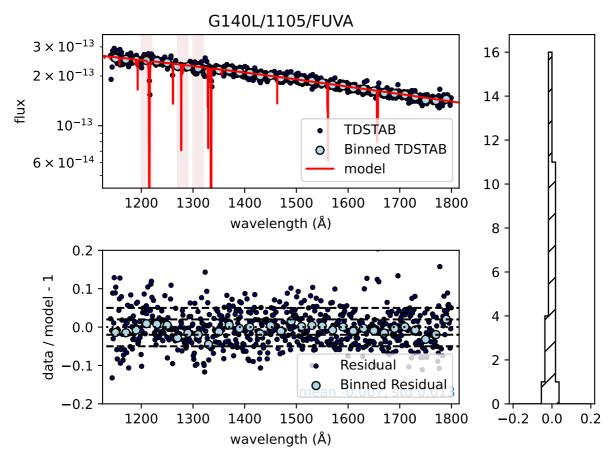


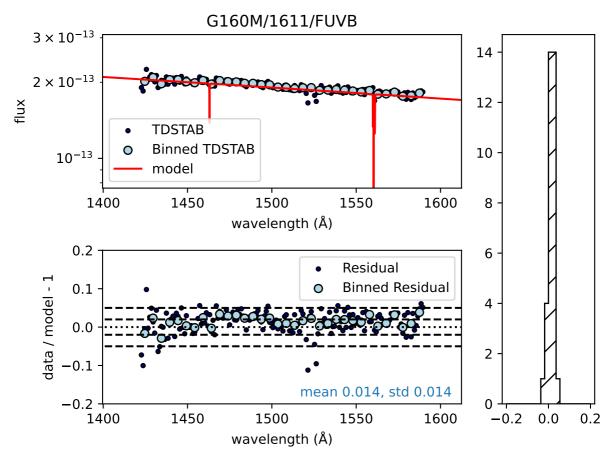


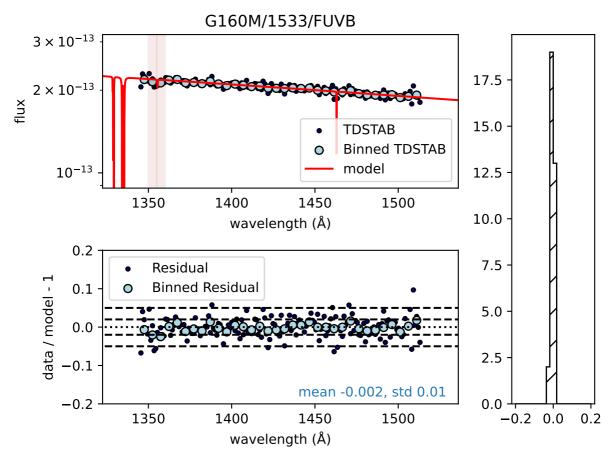


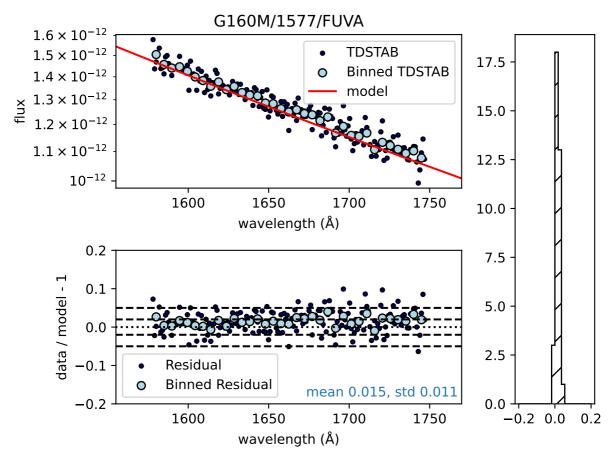






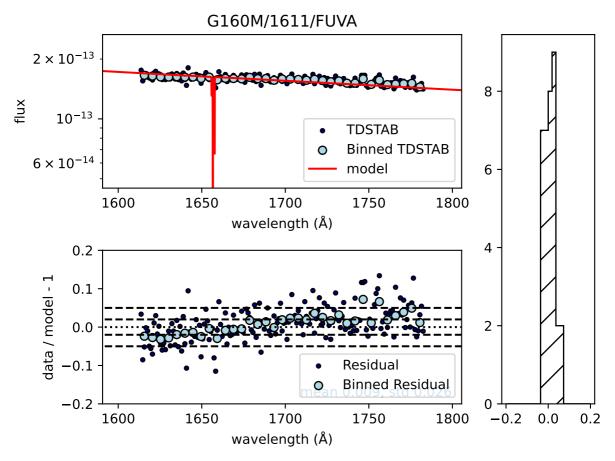


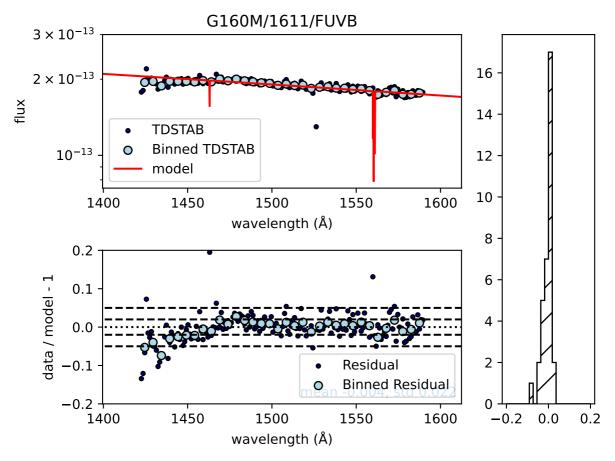


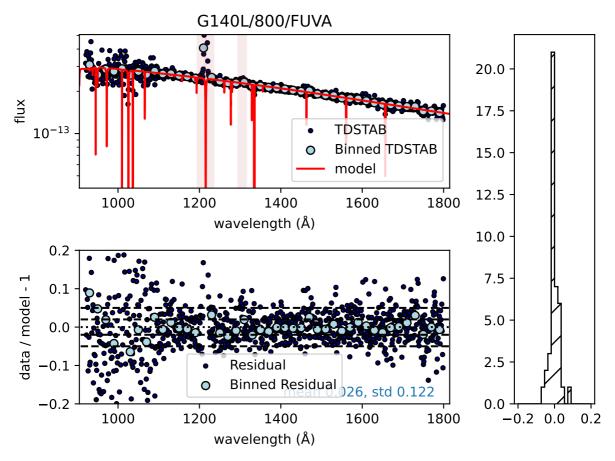


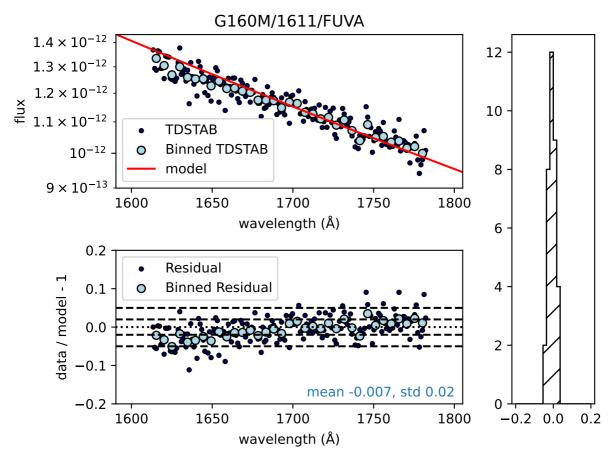
G160M/1533/FUVA 1.6×10^{-12} **TDSTAB** 1.5×10^{-12} **Binned TDSTAB** 16 1.4×10^{-12} model 1.3×10^{-12} 14 1.2×10^{-12} 12 1.1×10^{-12} 10 1550 1600 1650 1700 wavelength (Å) 8 0.2 Residual 6 data / model - 1 Binned Residual 0.1 4 0.0 2 -0.1mean -0.014, std 0.014 -0.21550 1600 1650 0.2 1700 -0.20.0

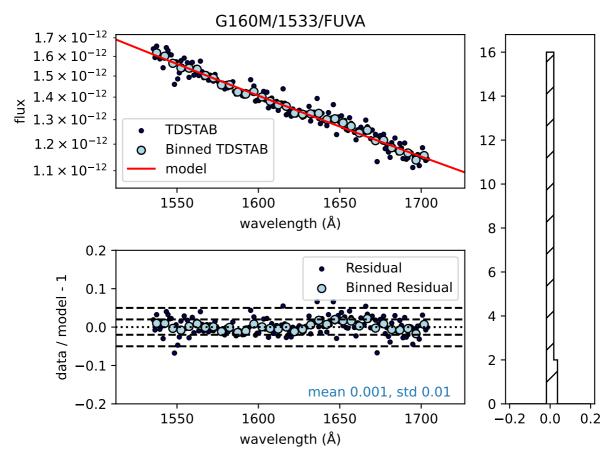
wavelength (Å)



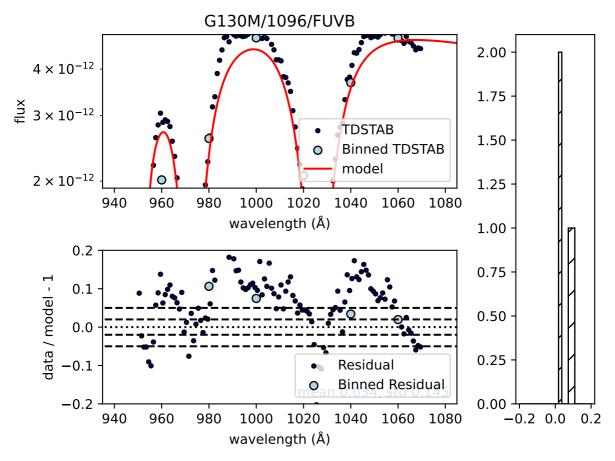


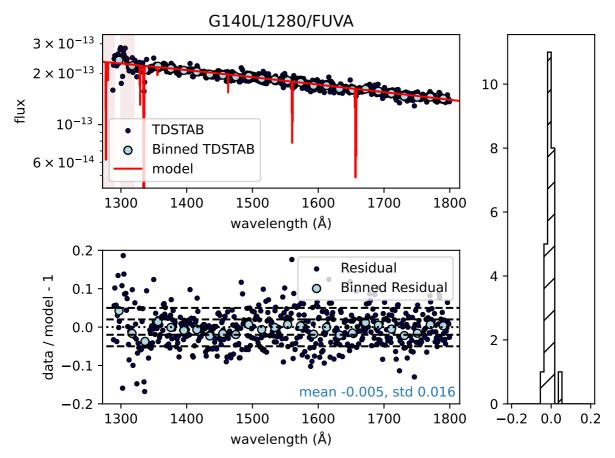


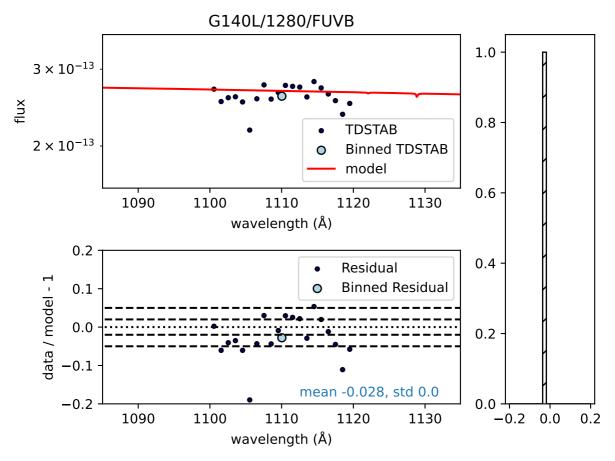




G160M/1533/FUVA 1.6×10^{-12} **TDSTAB** 1.5×10^{-12} **Binned TDSTAB** 16 1.4×10^{-12} model 1.3×10^{-12} 14 1.2×10^{-12} 12 1.1×10^{-12} 10 1550 1600 1650 1700 wavelength (Å) 8 0.2 Residual 6 data / model - 1 Binned Residual 0.1 4 0.0 2 -0.1mean -0.026, std 0.013 -0.21550 1600 1650 0.0 0.2 1700 -0.2wavelength (Å)







G160M/1623/FUVA 1.4×10^{-12} **TDSTAB** 1.3×10^{-12} **Binned TDSTAB** 17.5 1.2×10^{-12} model 1.1×10^{-12} 15.0 10-12 12.5 9×10^{-13} 1650 1700 1800 1750 10.0 wavelength (Å) 0.2 7.5 data / model - 1 0.1 5.0 0.0 2.5 -0.1Residual Binned Residual 0 mean 0.017, std 0.012

1700

wavelength (Å)

1750

0.0

-0.2

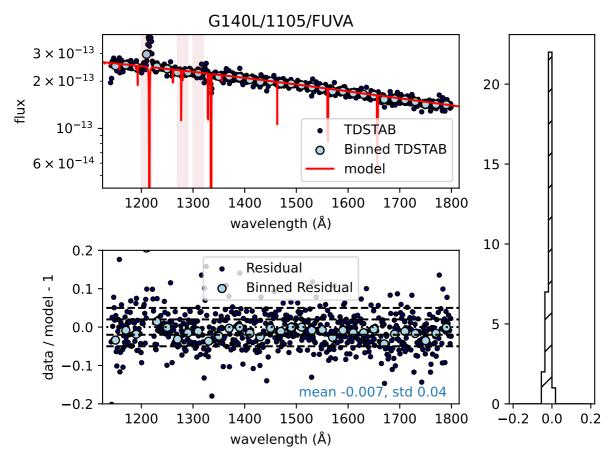
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0.2

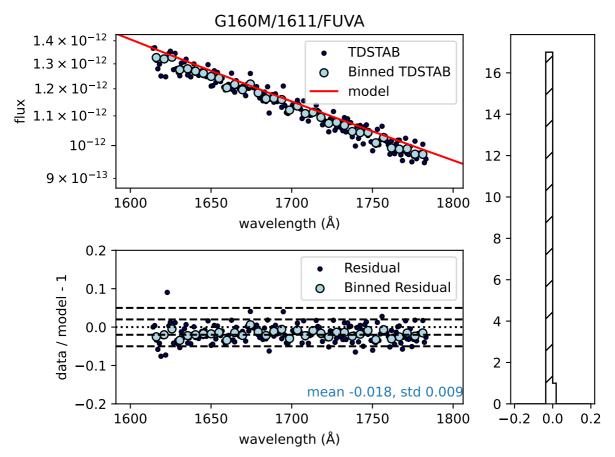
1800

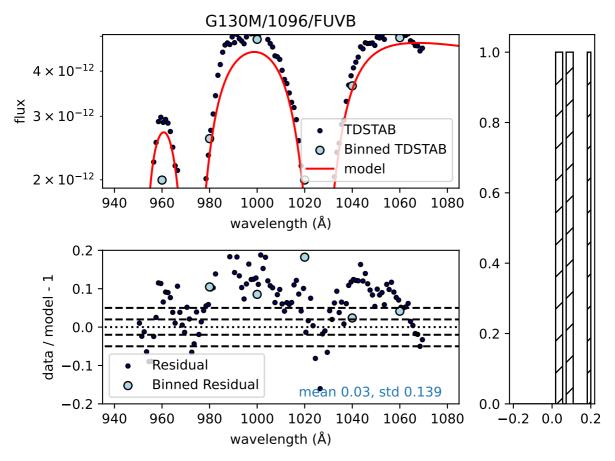
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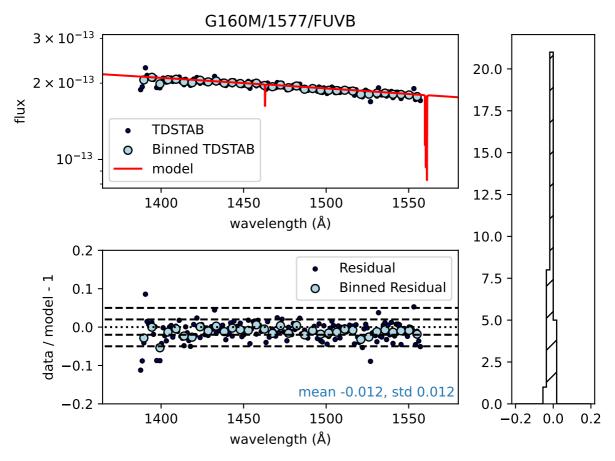
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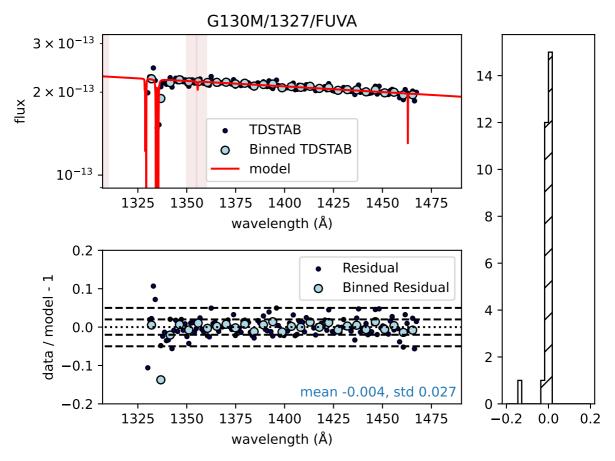


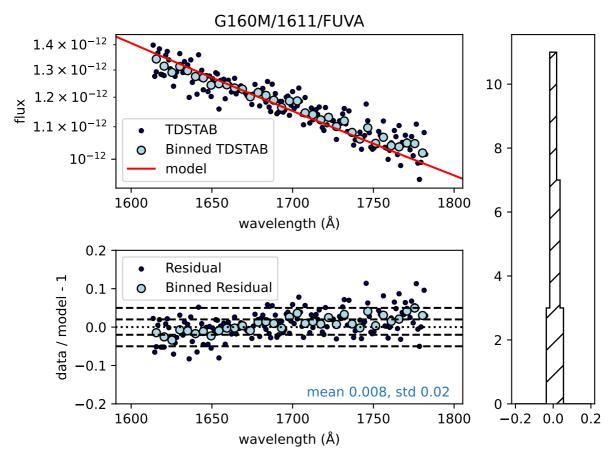
G140L/1105/FUVA 16 14 10^{-13} **TDSTAB Binned TDSTAB** 12 model 10 1200 1300 1400 1500 1600 1700 1800 wavelength (Å) 8 0.2 Residual 6 data / model - 1 Binned Residual 0.1 4 0.0 2 -0.1mean 0.007, std 0.081 -0.21200 1300 1400 1500 1600 -0.20.0 1700 1800 0.2 wavelength (Å)

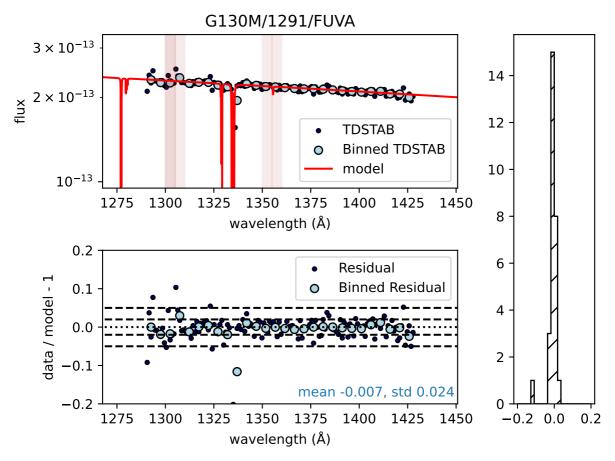




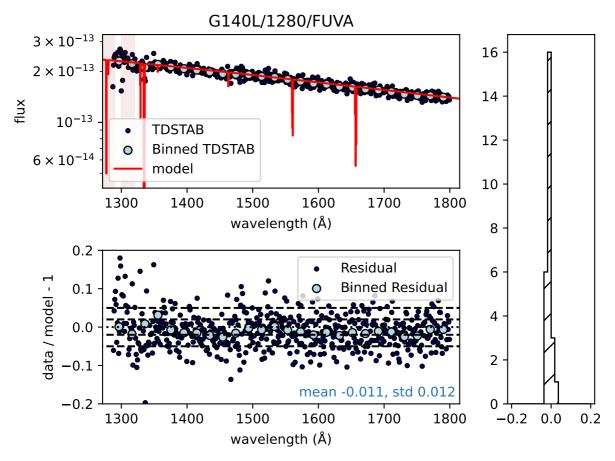


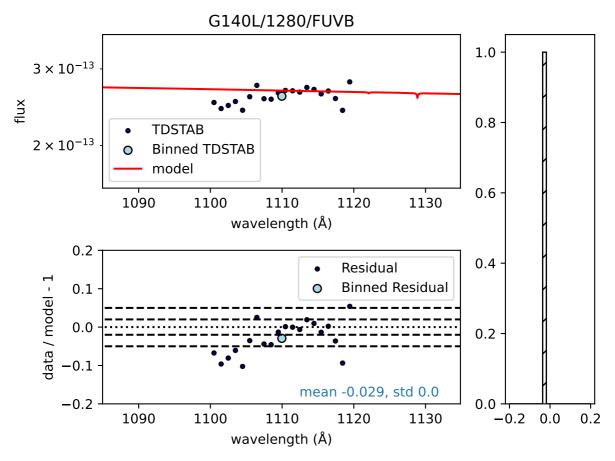


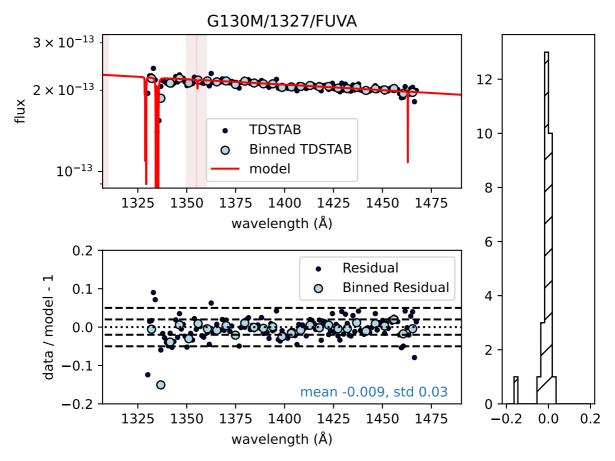


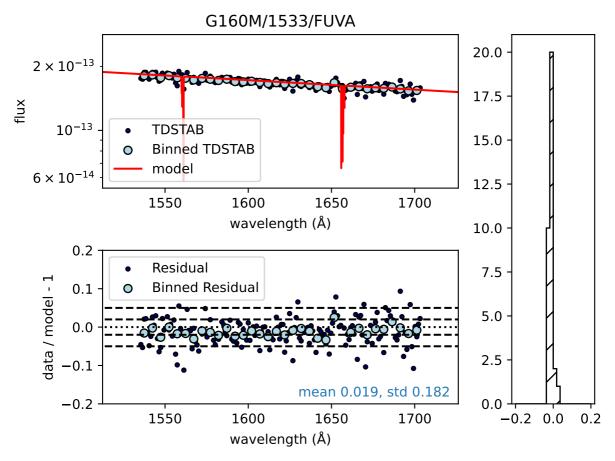


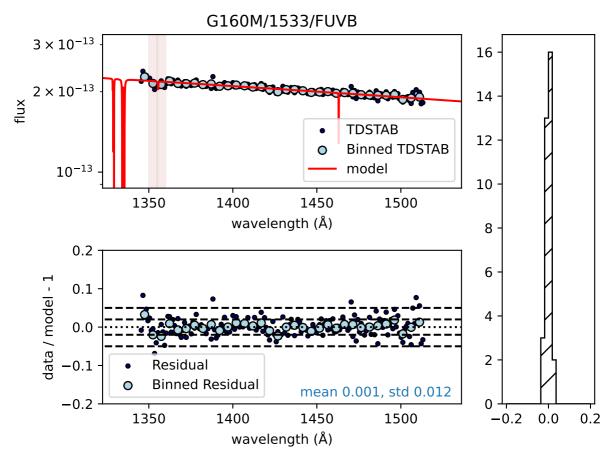
G130M/1291/FUVB 6×10^{-13} **TDSTAB** 14 **Binned TDSTAB** 4×10^{-13} model 12 3×10^{-13} 2×10^{-13} 10 1225 1125 1150 1200 1250 1275 8 1175 wavelength (Å) 0.2 6 data / model - 1 0.1 4 -0.0 2 -0.1Residual Binned Residual 0 mean 0.082, std 0.382 -0.20 1125 1150 1200 1225 -0.20.0 1175 1250 1275 0.2 wavelength (Å)

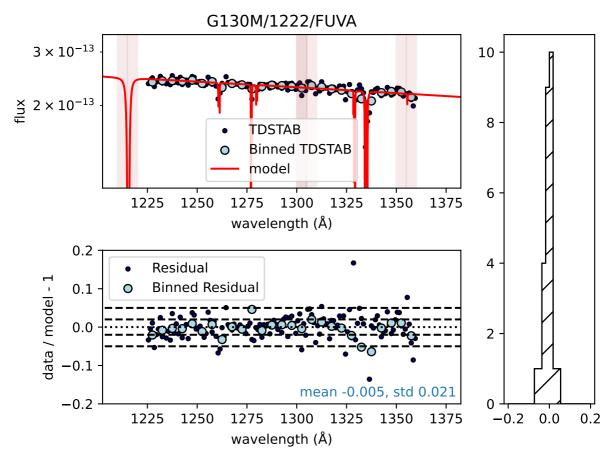


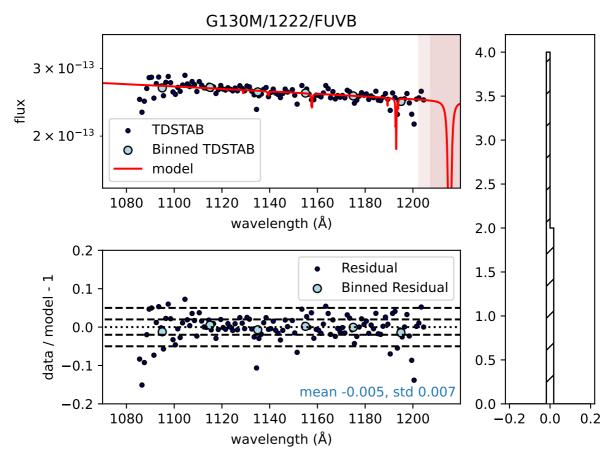




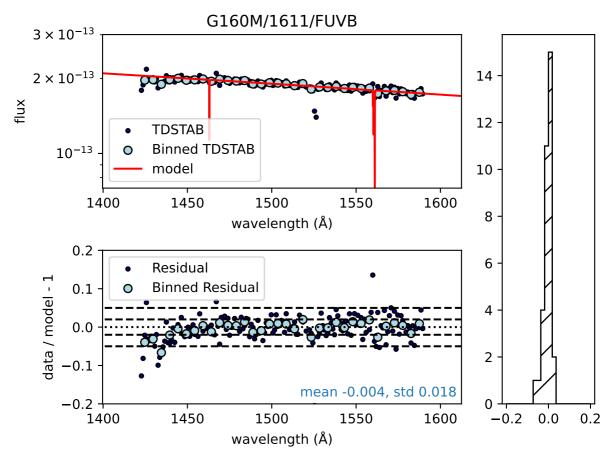


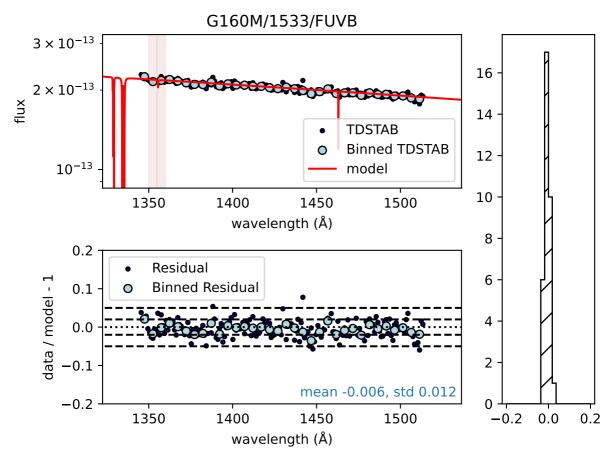


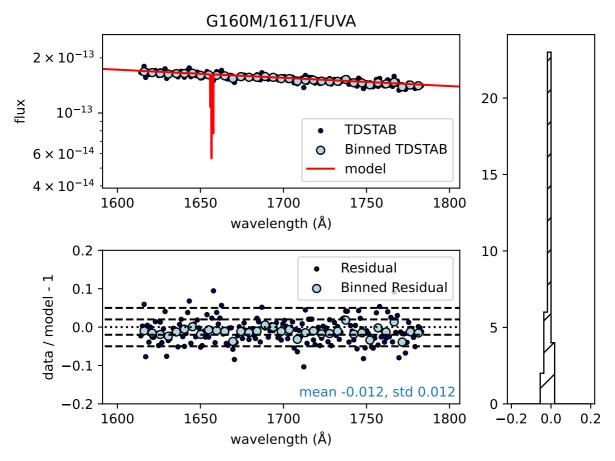


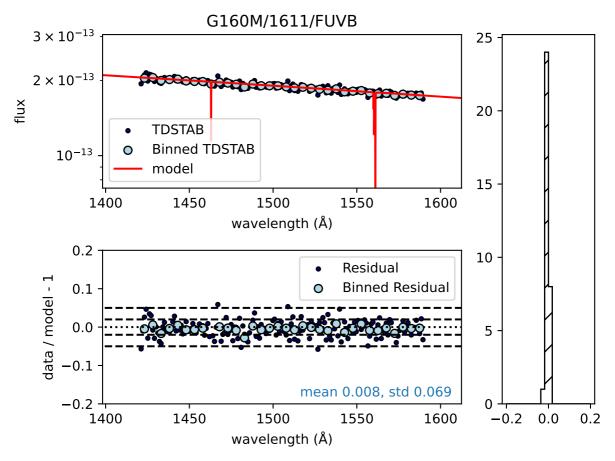


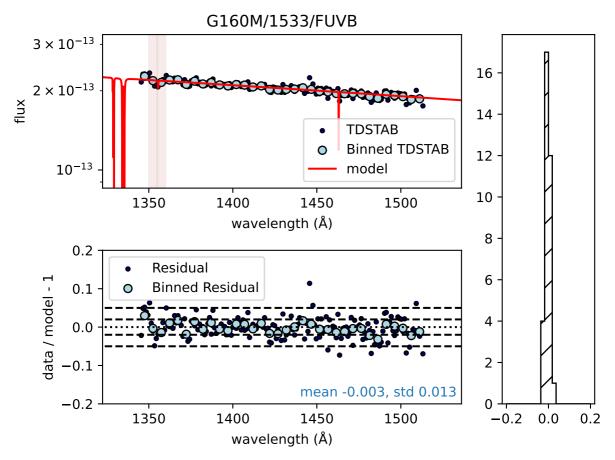
G160M/1577/FUVA 1.5×10^{-12} 20.0 **TDSTAB** 1.4×10^{-12} **Binned TDSTAB** model 1.3×10^{-12} 17.5 1.2×10^{-12} 15.0 1.1×10^{-12} 10^{-12} 12.5 1600 1650 1700 1750 wavelength (Å) 10.0 0.2 7.5 data / model - 1 0.1 5.0 0.0 2.5 **-**0.1 · Residual Binned Residual -0.20.0 1600 1650 1700 1750 -0.20.0 0.2 wavelength (Å)

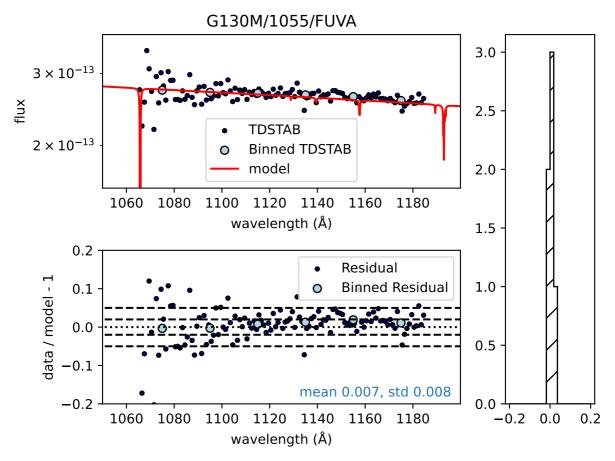


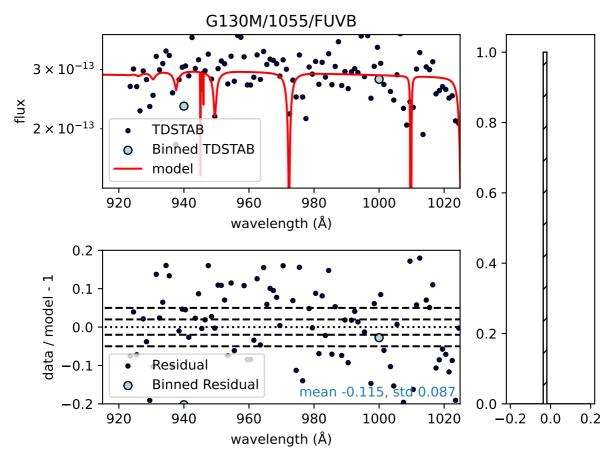


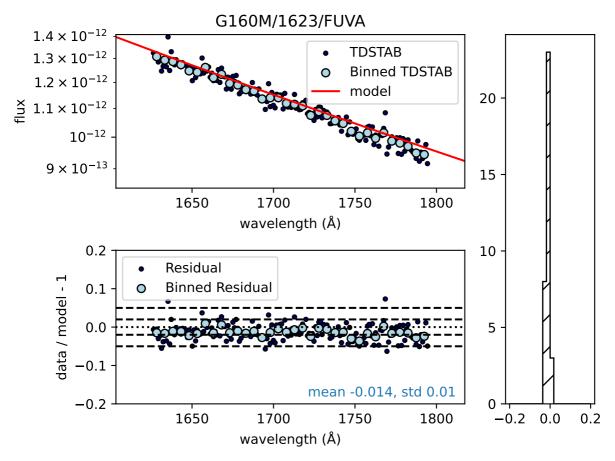


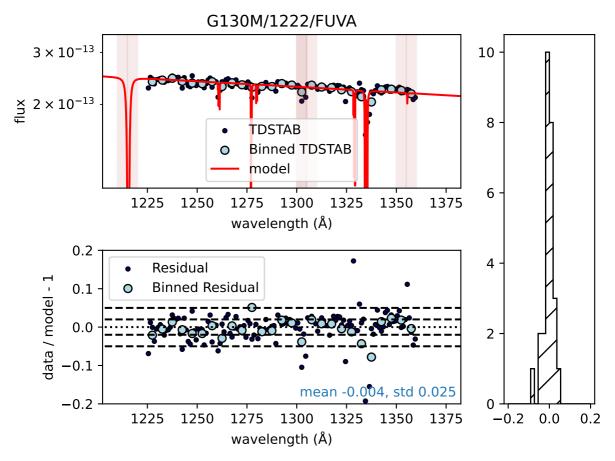


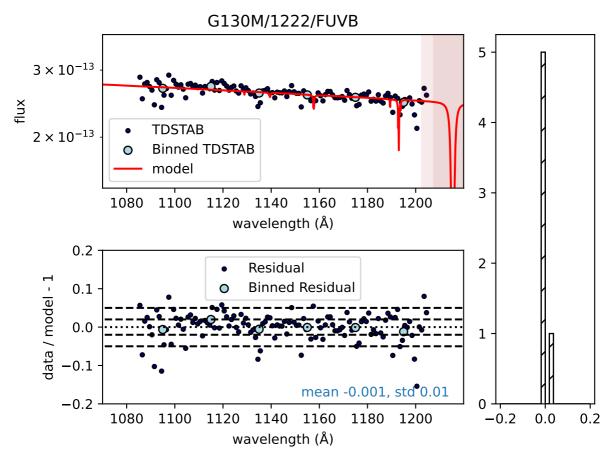


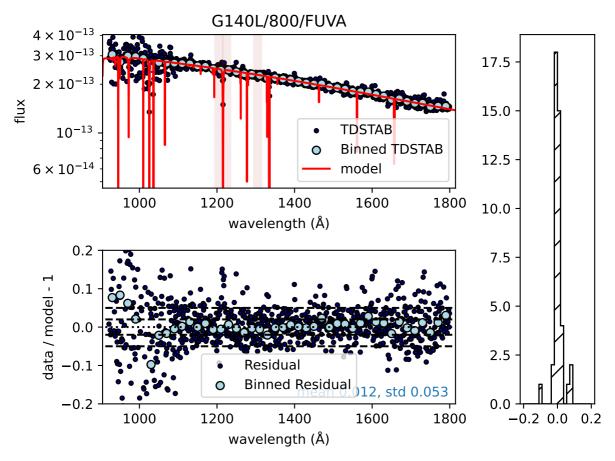


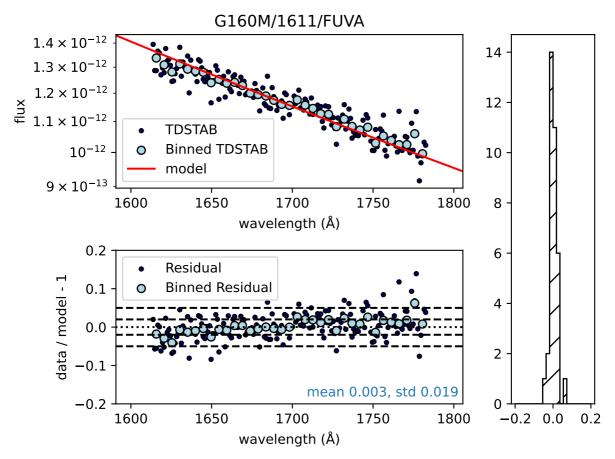


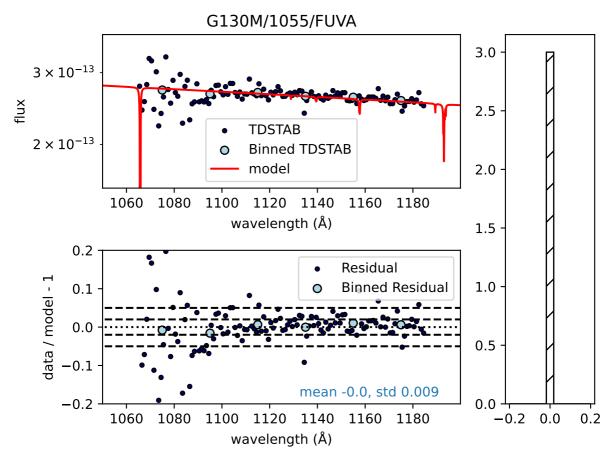


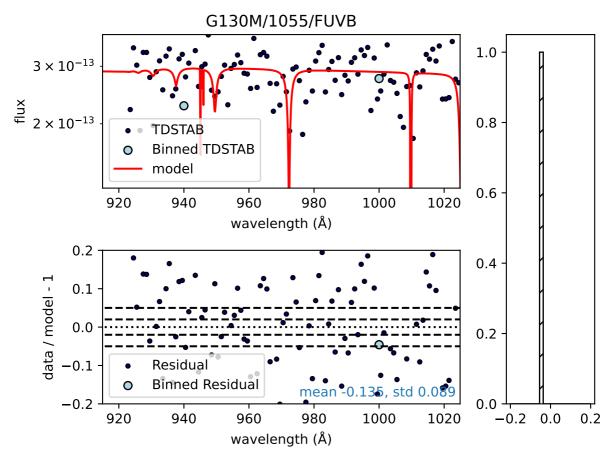


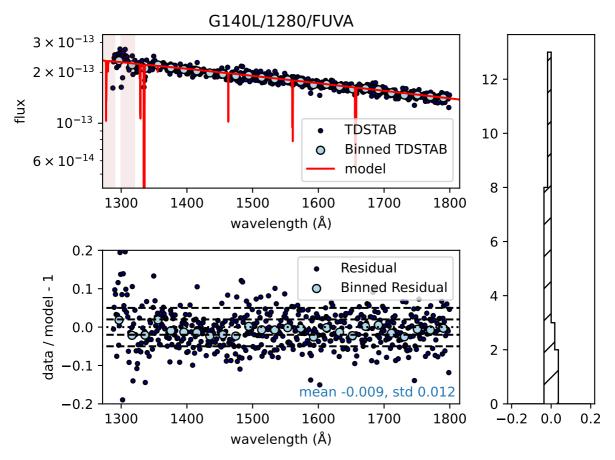


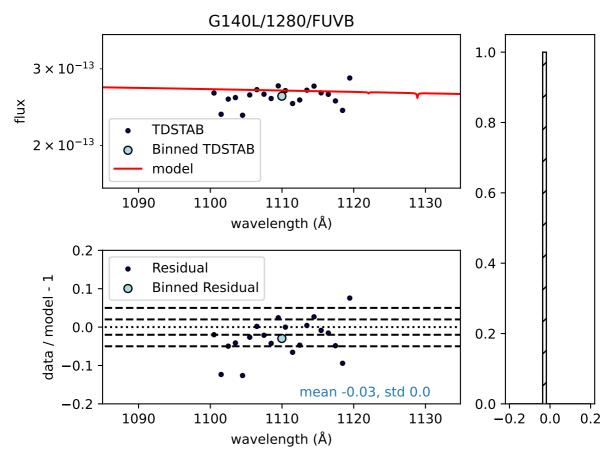




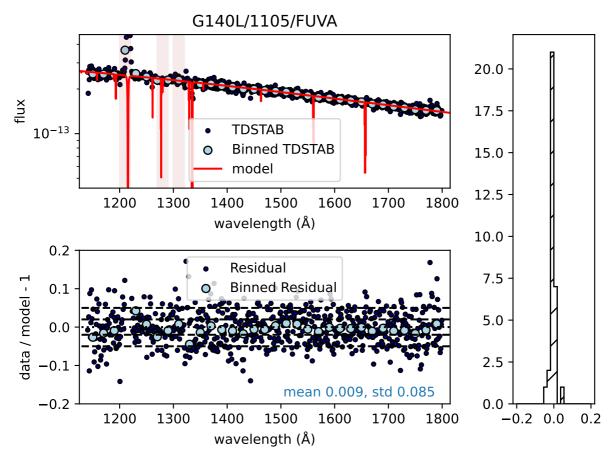


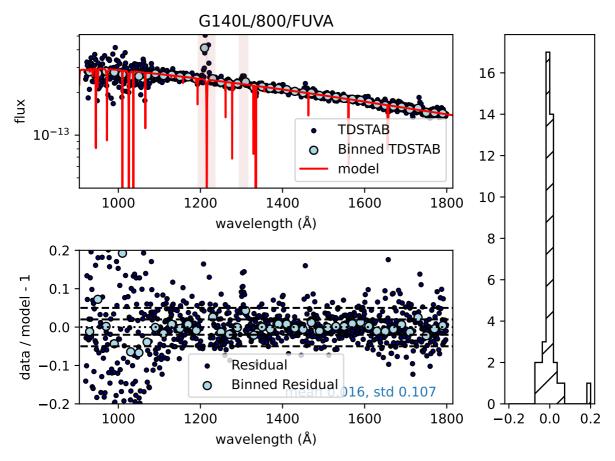


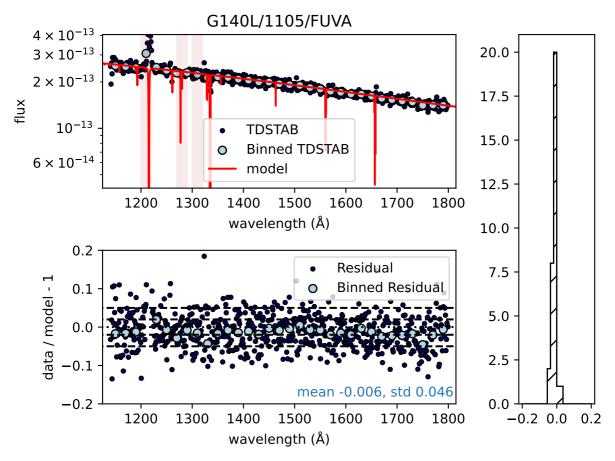


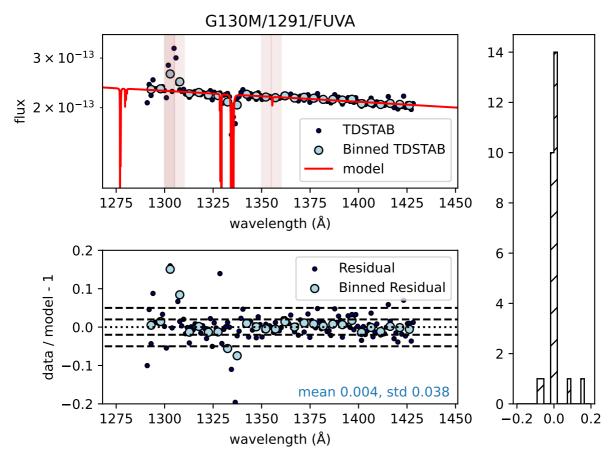


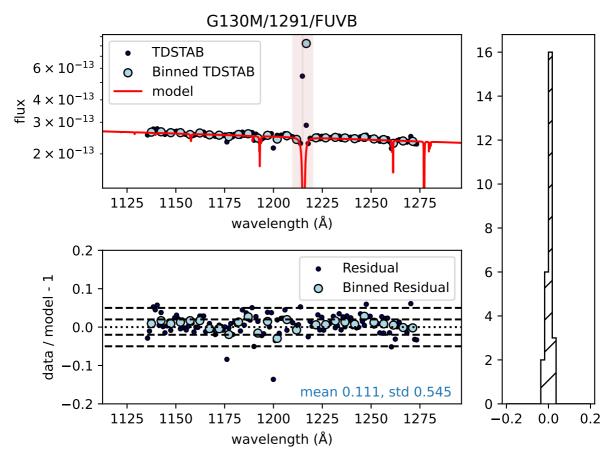
G160M/1623/FUVA 1.4×10^{-12} 16 1.3×10^{-12} 1.2×10^{-12} 14 1.1×10^{-12} **TDSTAB** 10^{-12} 12 **Binned TDSTAB** model 9×10^{-13} 10 1650 1700 1750 1800 wavelength (Å) 8 0.2 Residual 6 data / model - 1 Binned Residual 0.1 4 0.0 2 -0.1mean 0.009, std 0.014 -0.21650 1700 -0.20.2 1750 1800 0.0 wavelength (Å)

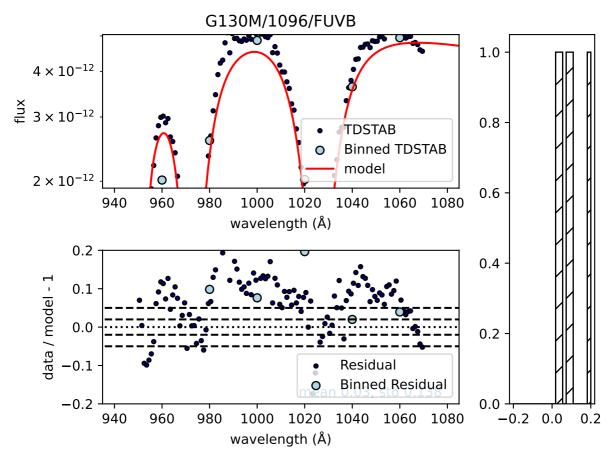


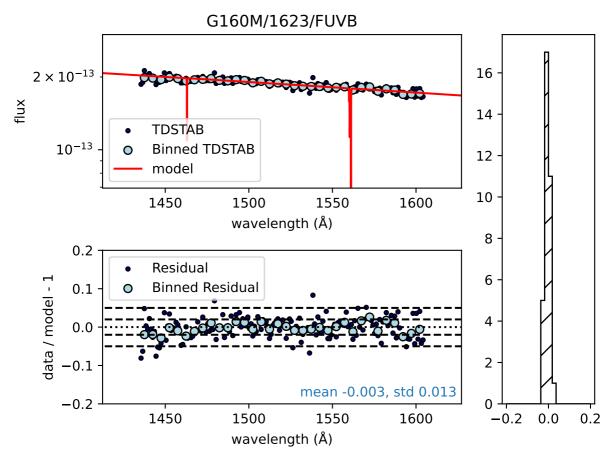


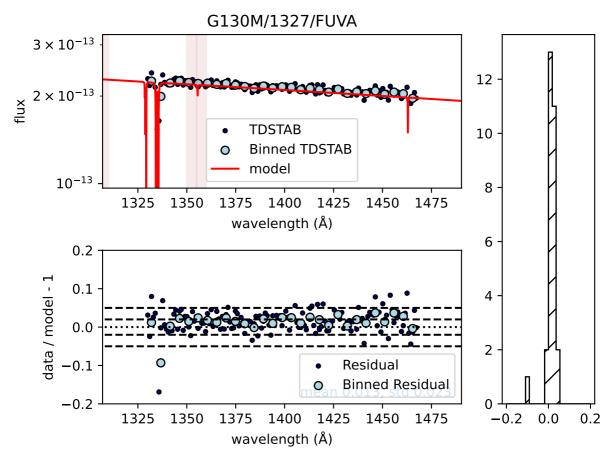


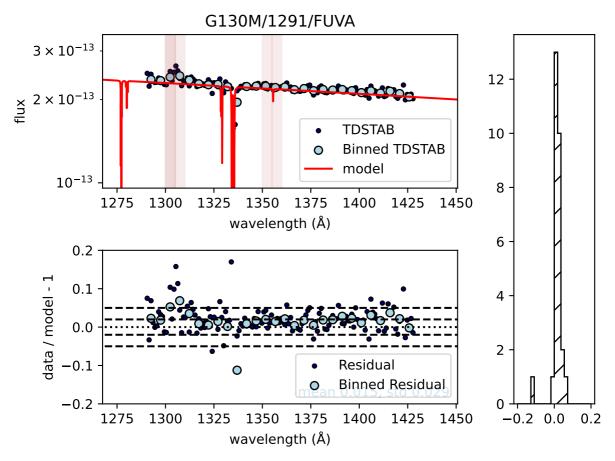


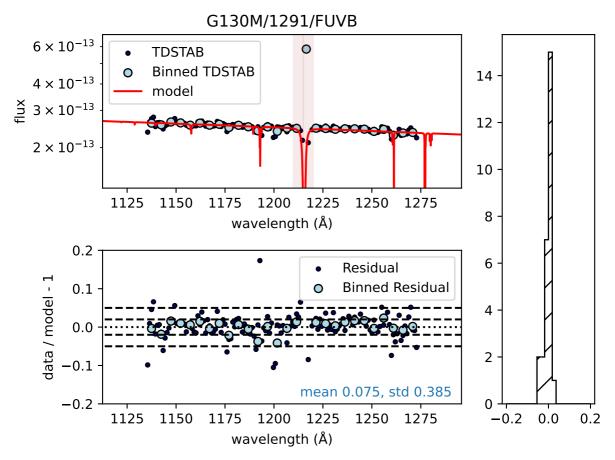


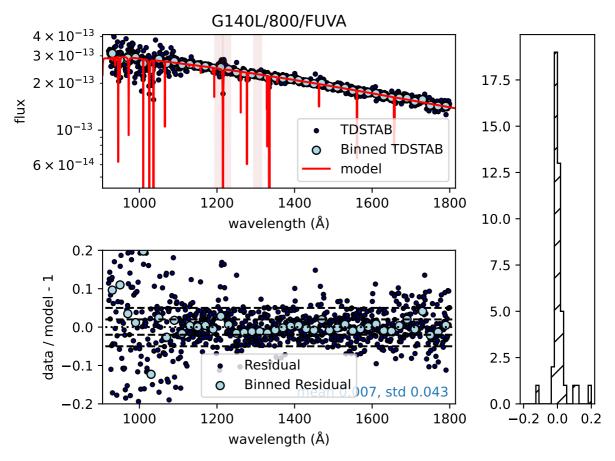


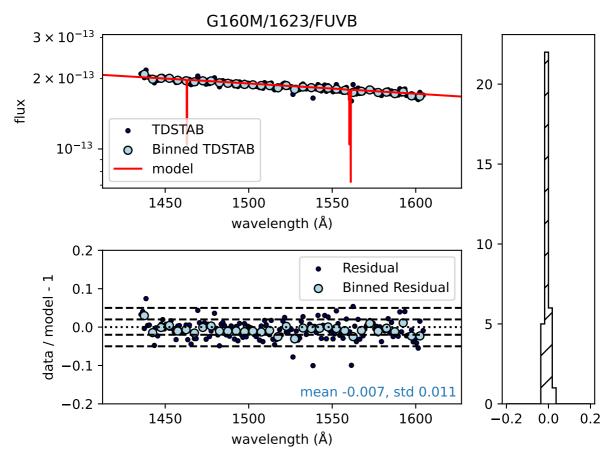


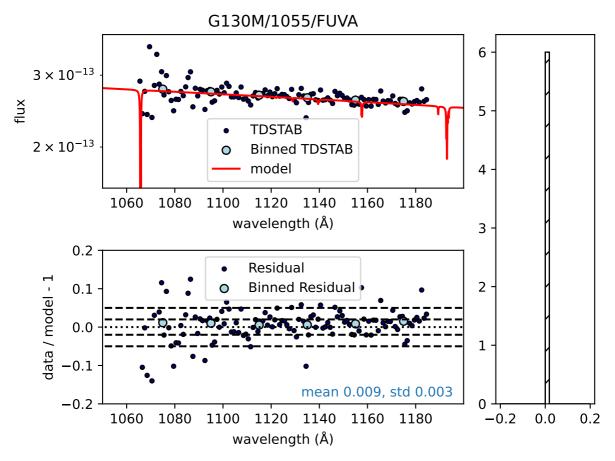


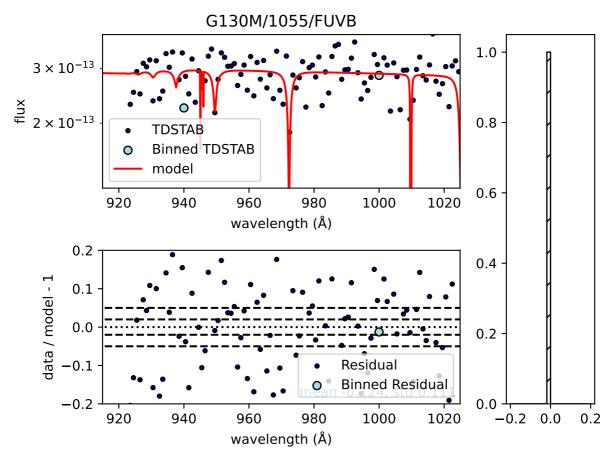


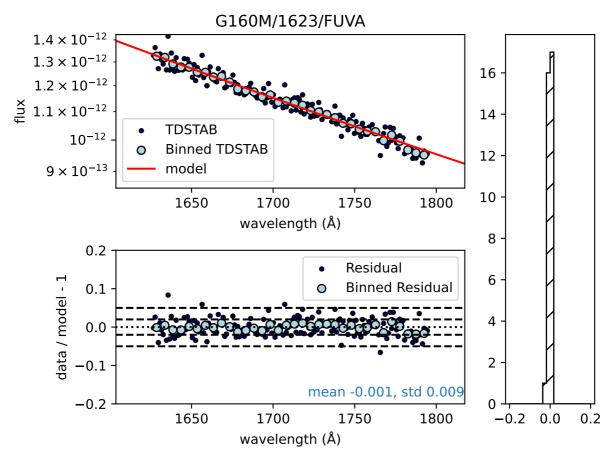






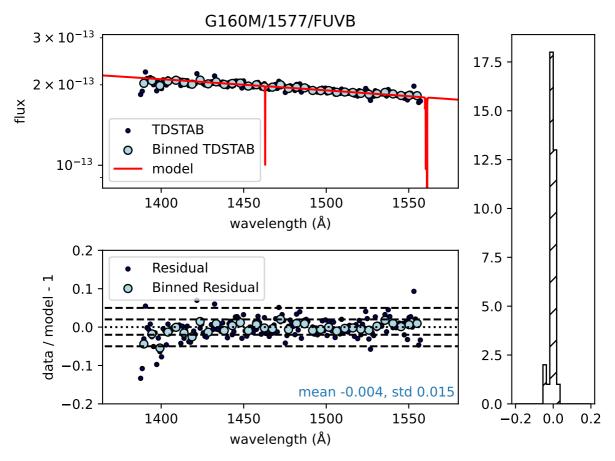


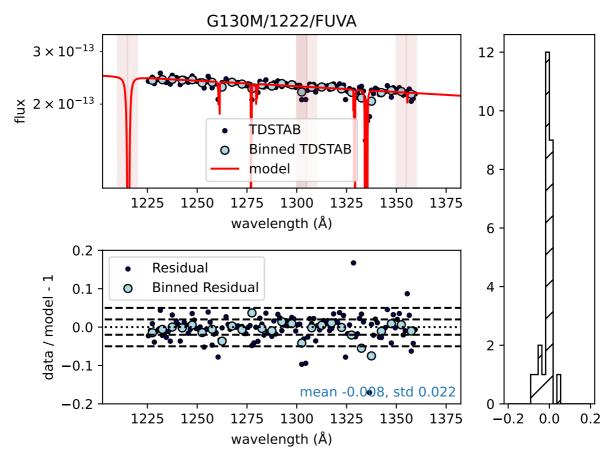


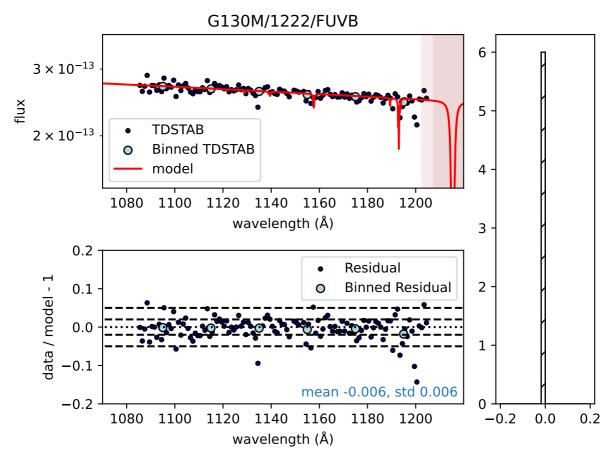


G160M/1577/FUVA 1.5×10^{-12} **TDSTAB Binned TDSTAB** 1.4×10^{-12} 14 model 1.3×10^{-12} 1.2×10^{-12} 12 1.1×10^{-12} 10 10^{-12} 1600 1650 1700 1750 8 wavelength (Å) 0.2 6 data / model - 1 0.1 4 0.0 2 -0.1Residual Binned Residual -0.21600 1650 1700 1750 -0.20.0 0.2 wavelength (Å)

G160M/1577/FUVA 12 2×10^{-13} 10 10^{-13} **TDSTAB Binned TDSTAB** 6×10^{-14} model 8 -1600 1650 1700 1750 wavelength (Å) 6 -0.2 data / model - 1 4 -0.1 0.0 2 -0.1Residual **Binned Residual** -0.20 1600 1650 1700 1750 -0.20.0 0.2 wavelength (Å)







G160M/1533/FUVA 1.6×10^{-12} 1.5×10^{-12} 16 1.4×10^{-12} 1.3×10^{-12} 14 **TDSTAB** 1.2×10^{-12} **Binned TDSTAB** 12 1.1×10^{-12} model 10 1550 1600 1650 1700 wavelength (Å) 8 0.2 Residual 6 data / model - 1 Binned Residual 0.1 4 0.0 2 -0.1mean -0.013, std 0.012 -0.2

1650

1700

0.0

-0.2

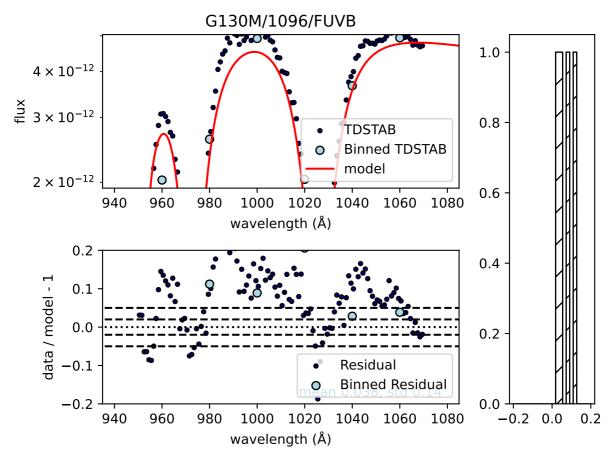
0.2

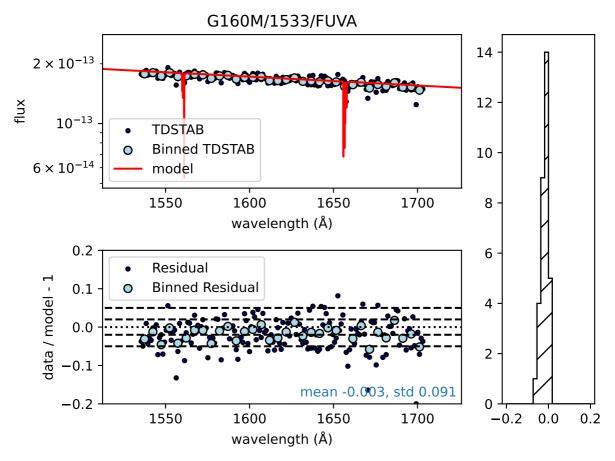
1550

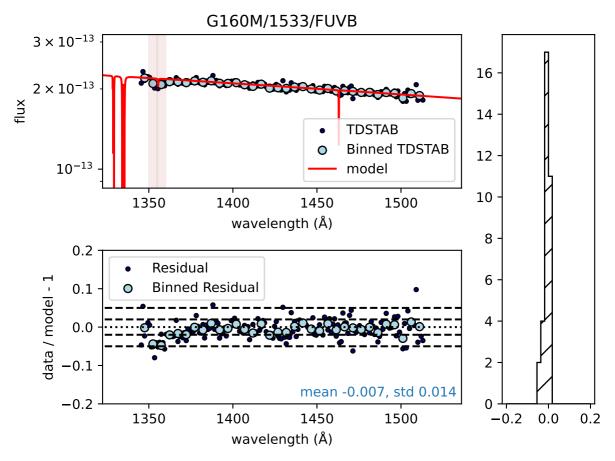
1600

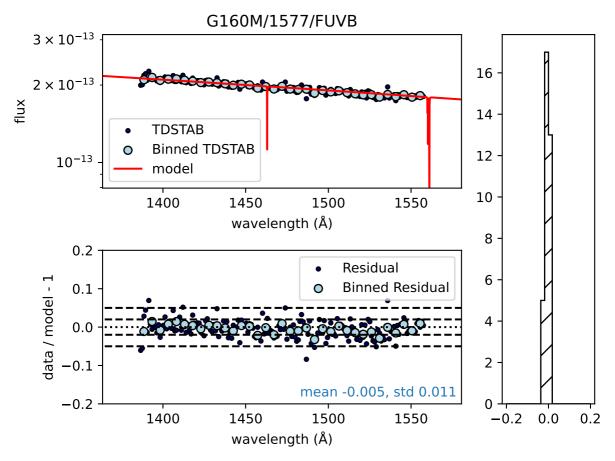
wavelength (Å)

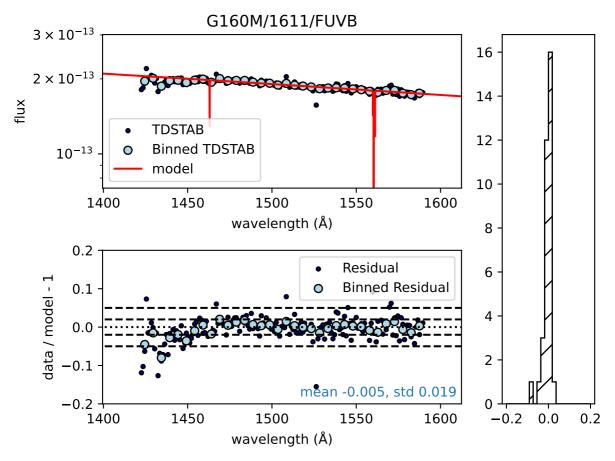
G160M/1533/FUVA 1.6×10^{-12} 1.5×10^{-12} 20.0 1.4×10^{-12} 17.5 1.3×10^{-12} **TDSTAB** 1.2×10^{-12} **Binned TDSTAB** 15.0 1.1×10^{-12} model 12.5 1600 1650 1700 1550 wavelength (Å) 10.0 0.2 Residual 7.5 data / model - 1 Binned Residual 0.1 5.0 0.0 2.5 -0.1mean -0.012, std 0.012 -0.20.0 1550 1600 1650 -0.20.0 1700 0.2 wavelength (Å)











G160M/1577/FUVA 1.5×10^{-12} **TDSTAB** 20.0 1.4×10^{-12} **Binned TDSTAB** 1.3×10^{-12} model 17.5 1.2×10^{-12} 1.1×10^{-12} 15.0 10-12 12.5 1600 1650 1700 1750 wavelength (Å) 10.0 0.2 Residual 7.5 data / model - 1 Binned Residual 0.1 5.0 0.0 2.5 -0.1mean 0.003, std 0.01 -0.20.0 1600 1650 1700 -0.20.0 0.2 1750 wavelength (Å)