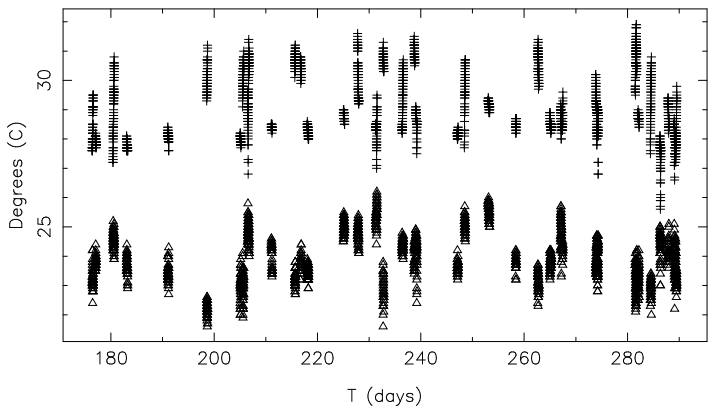
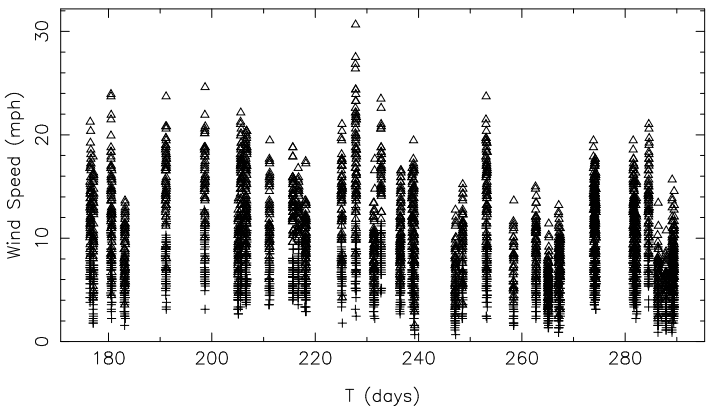
Weather Data SC 25 Jun 2026

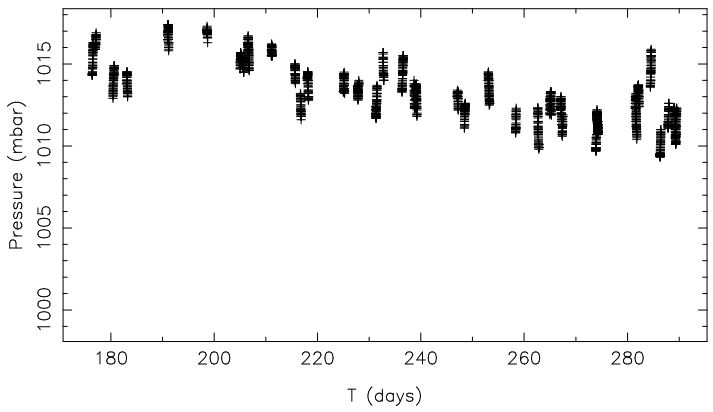
Temperature and Dew Point



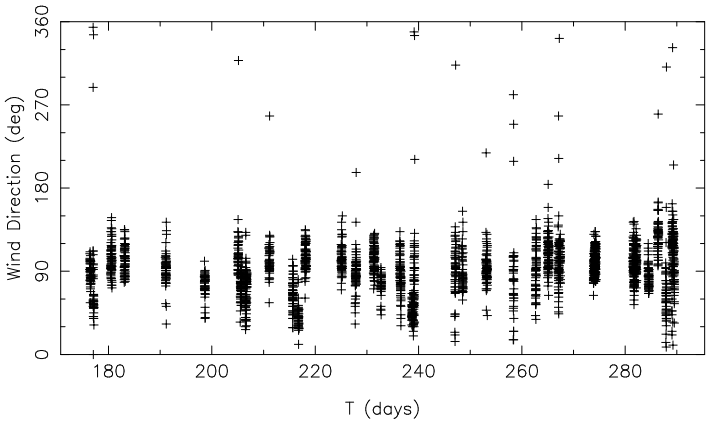
Wind Speed and Maximum Gust



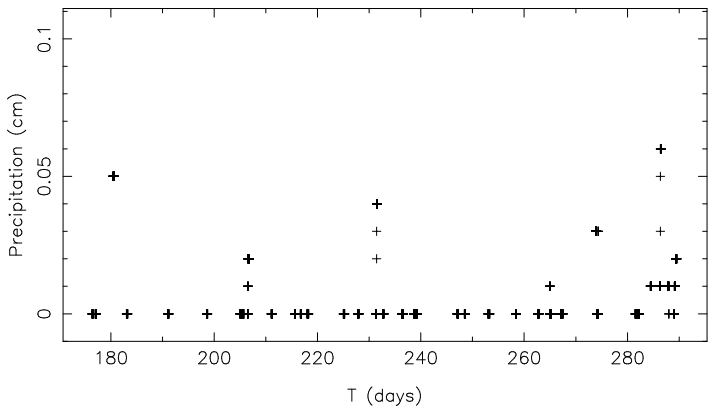
Atmospheric Pressure



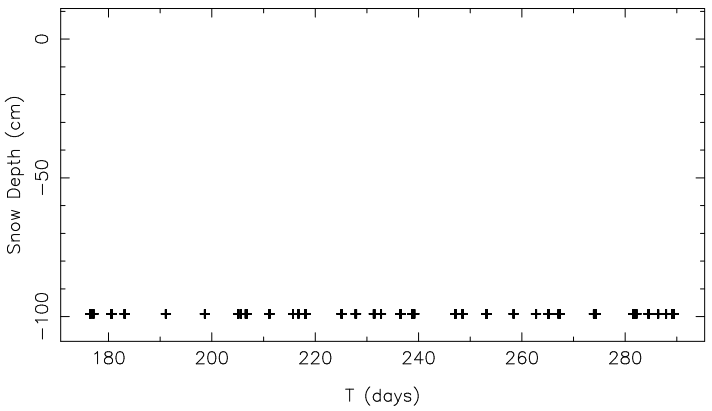
Wind Direction



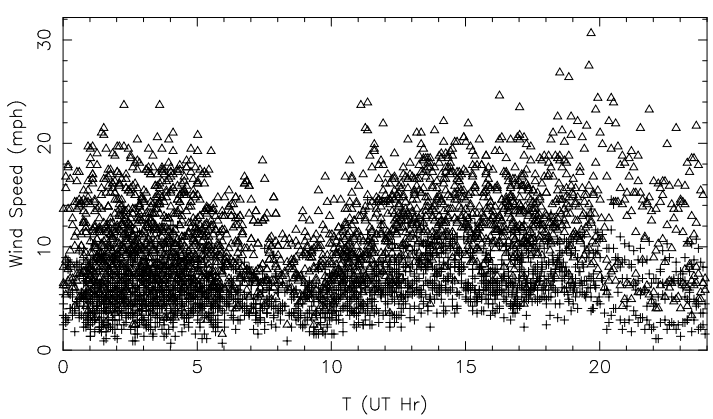
Precipitation in cm of Water



Snow Depth (WORKING?)

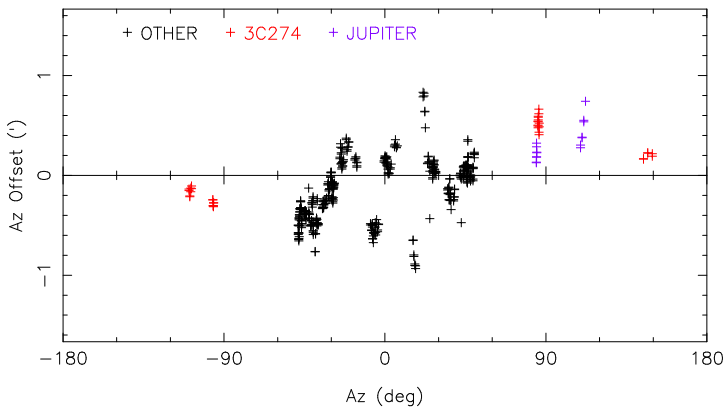


Wind Speed and Maximum Gust vs Time of Day



SC 2cm 25 Jun 2026

AZ PREFIT



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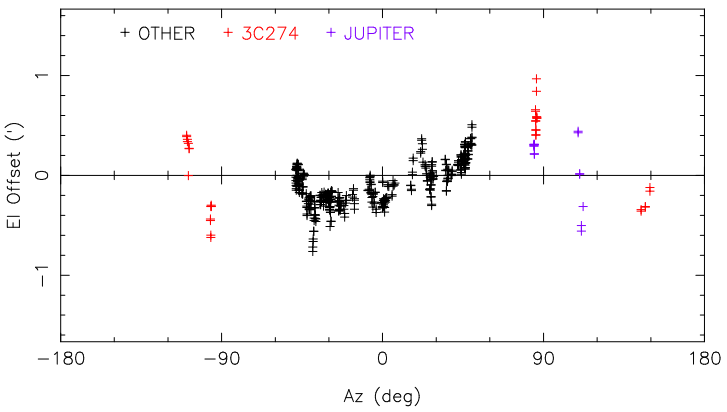

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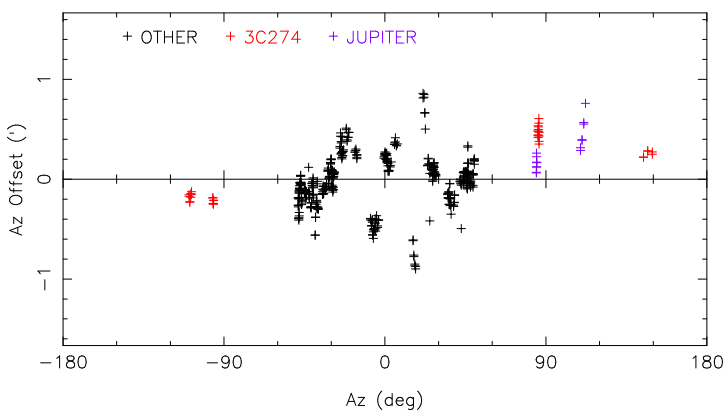

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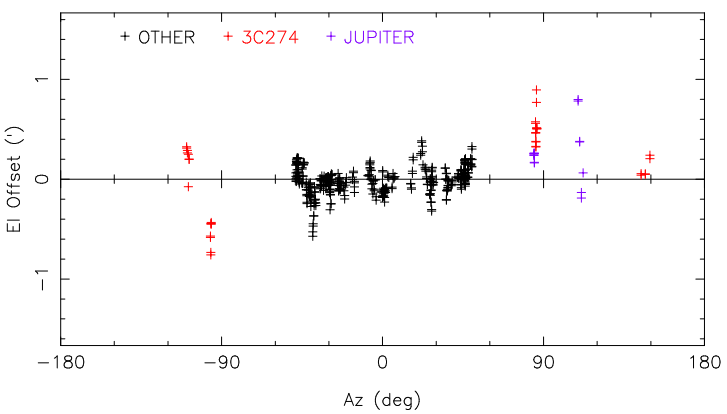

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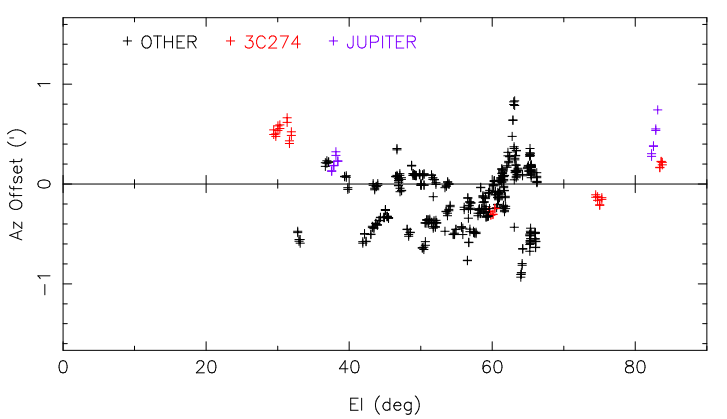

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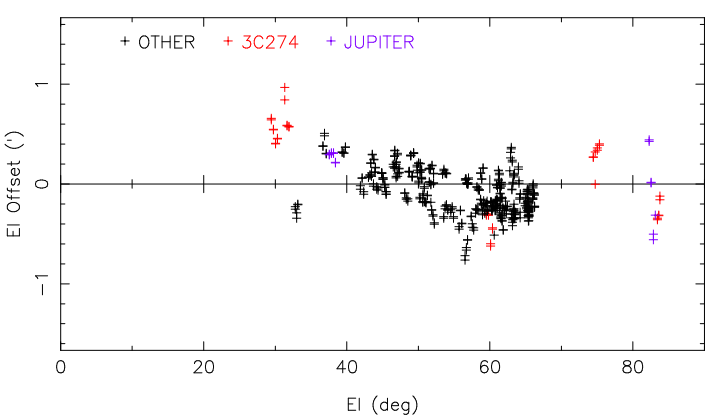

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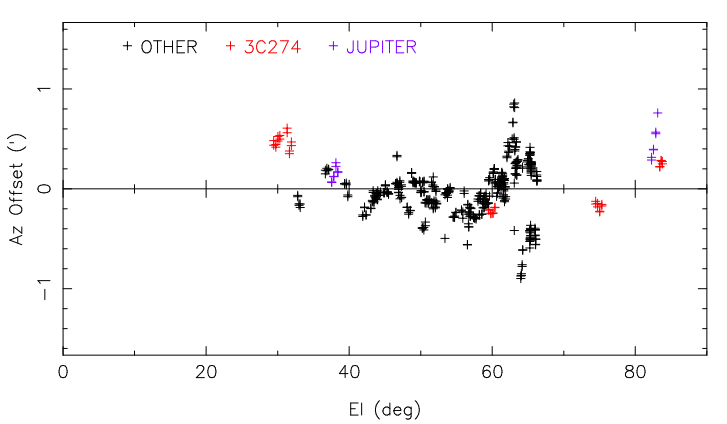

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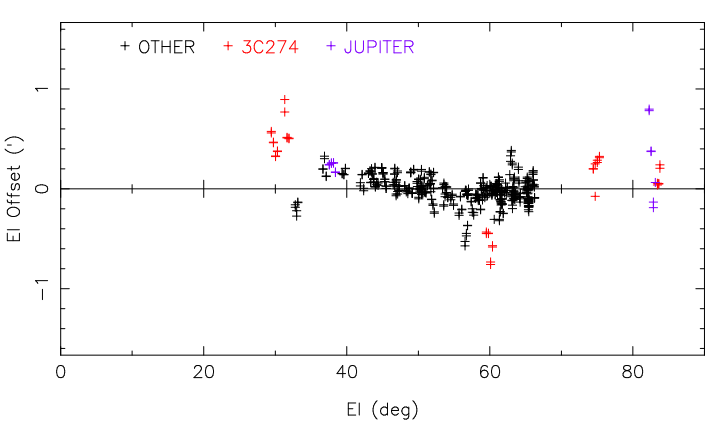
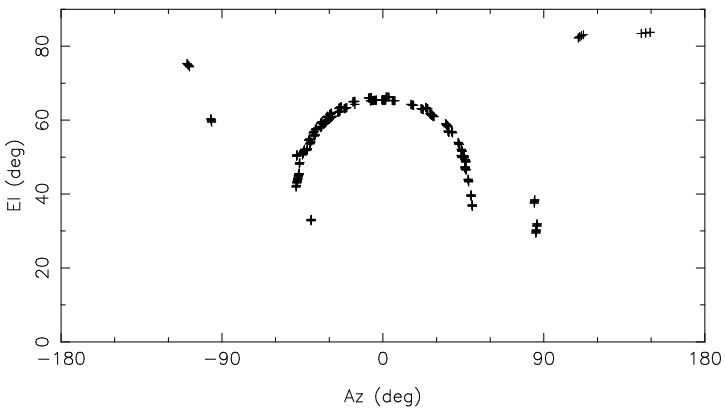
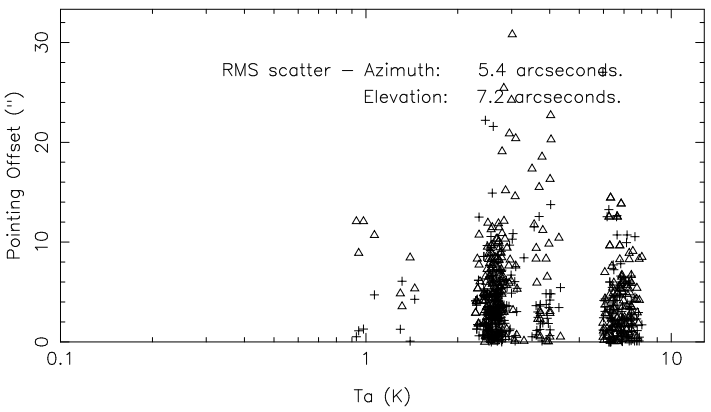


SC 2cm 25 Jun 2026

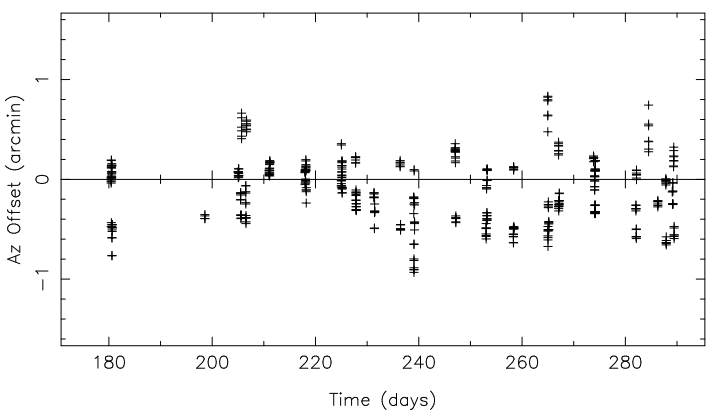
SAMPLES



ADJACENT SCAN POINTING DIFFERENCES vs. Ta



AZ PREFIT vs TIME



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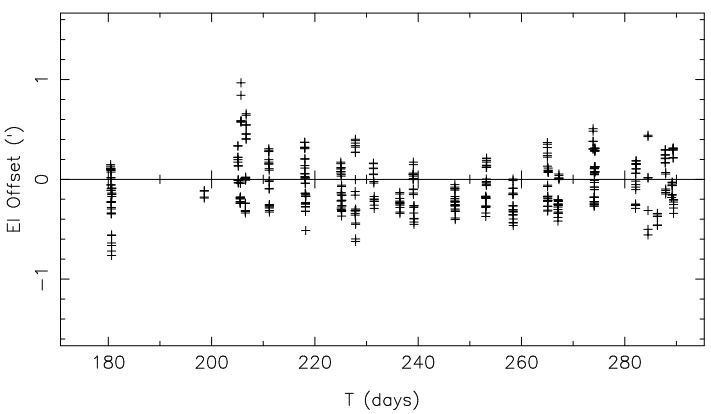
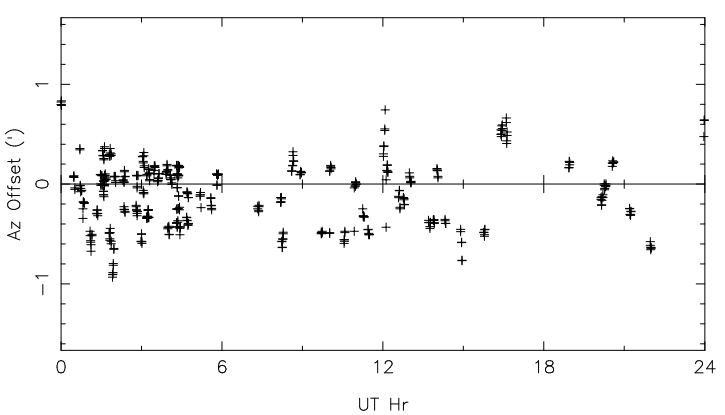
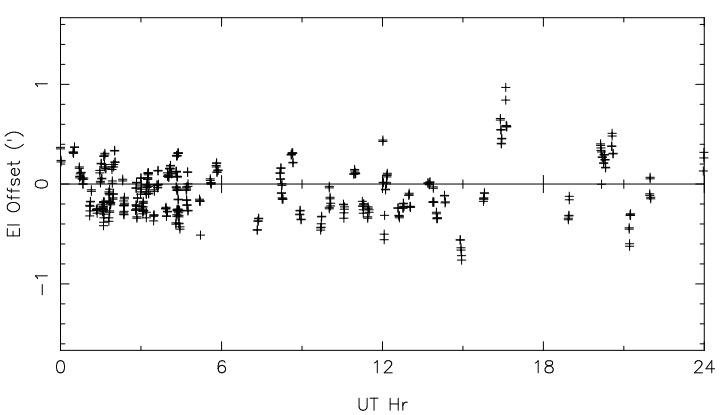


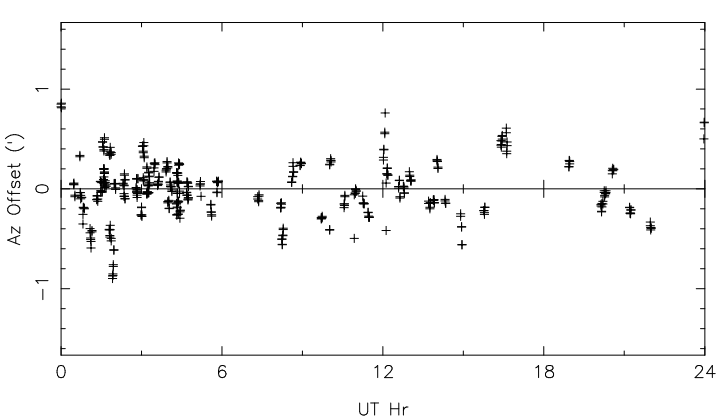
AZ PREFIT vs TIME OF DAY



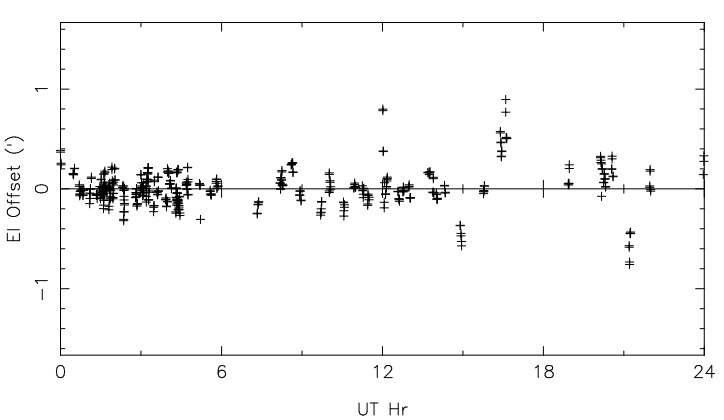
EL PREFIT vs TIME OF DAY



AZ POSTFIT vs TIME OF DAY

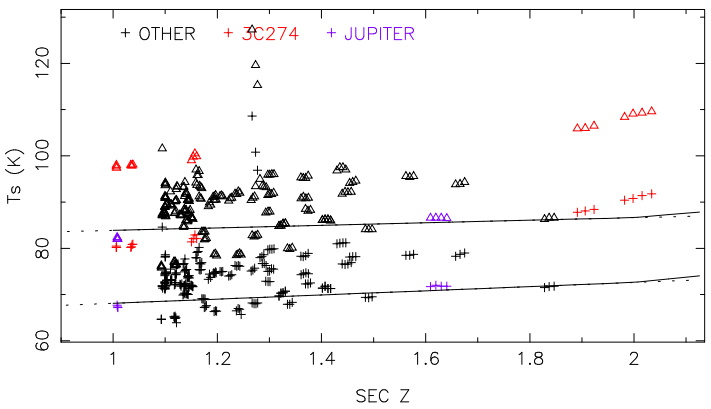


EL POSTFIT vs TIME OF DAY

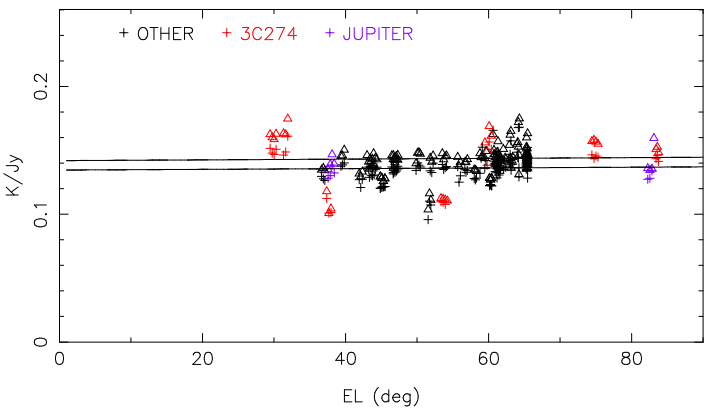


SC 2cm 25 Jun 2026

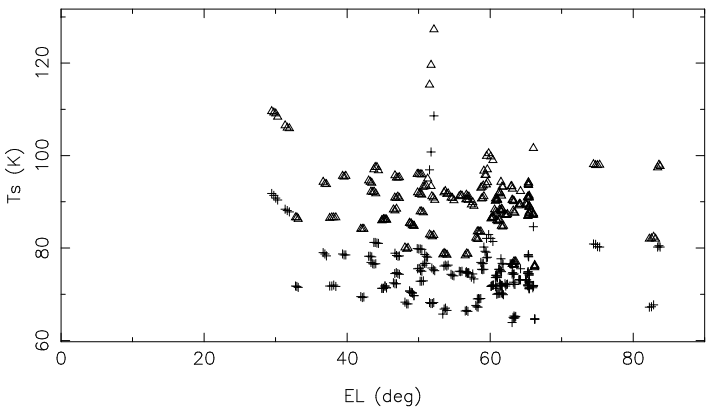
Ts vs SEC ZA – All Points



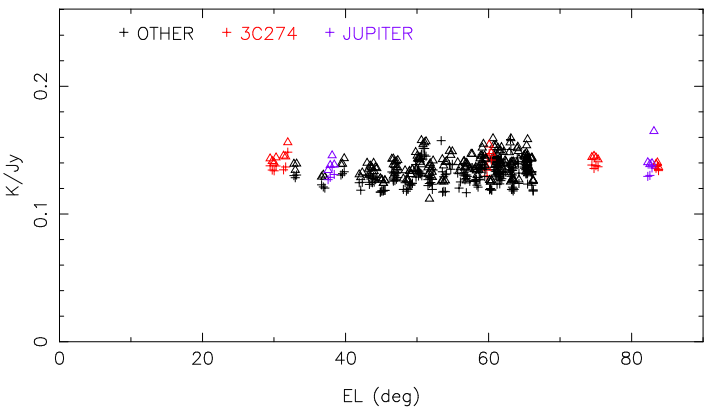
OPACITY CORRECTED GAIN ON CALIBRATORS



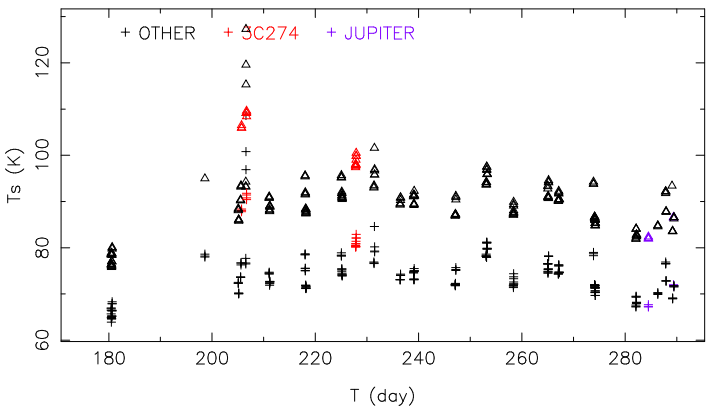
Ts vs EL – All Points



Ta / MEASURED FLUX (All sources, no opacity corrections)



Ts vs T – All Points



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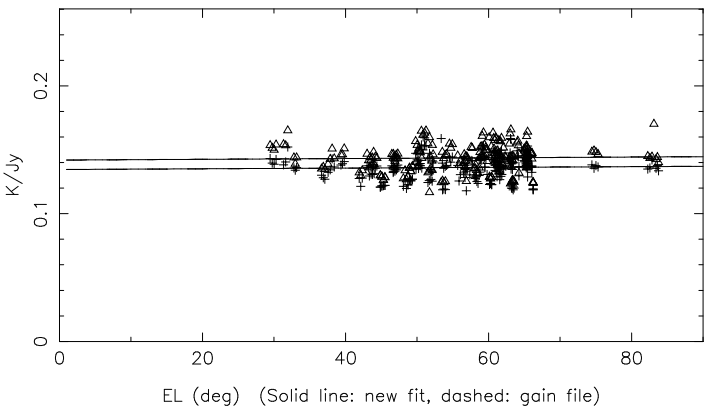
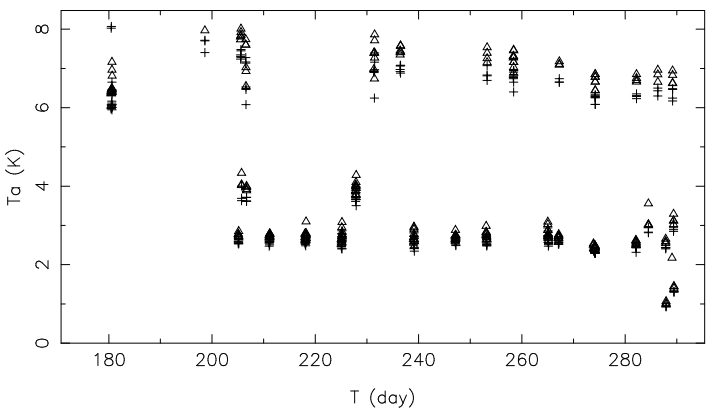
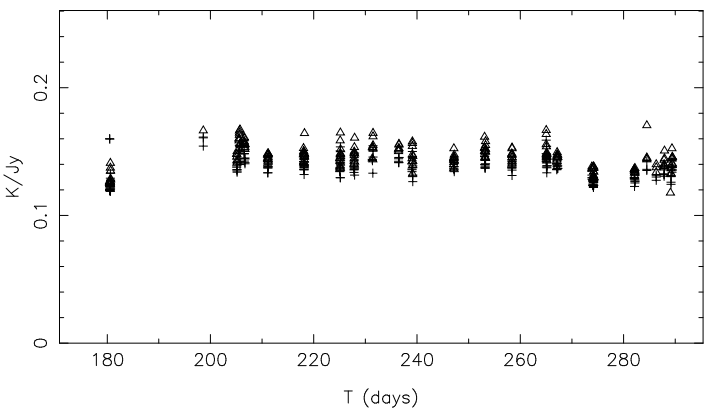


Ta vs T – All Points



Ta / MEASURED FLUX (All sources, opacity and gain curve corrected)



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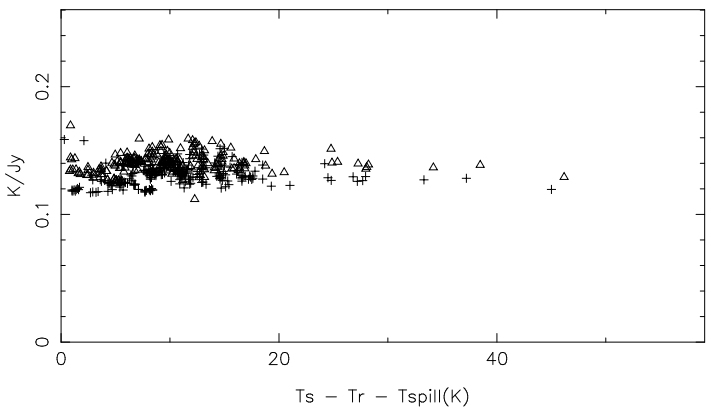
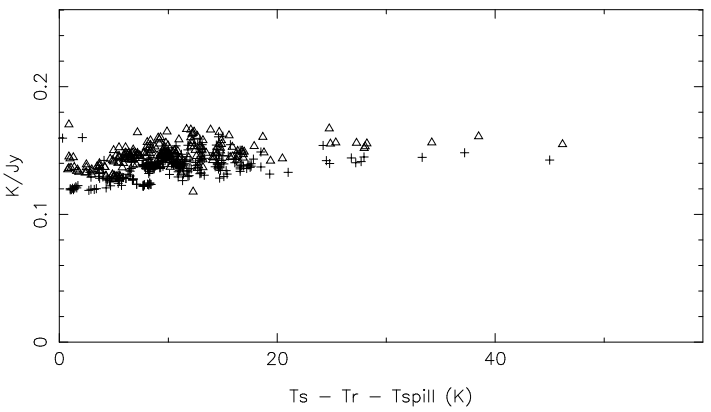
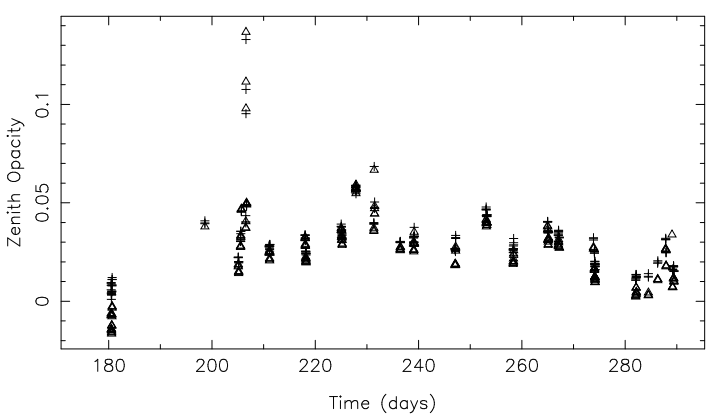
Ta/S(op cor) vs Atm Temp (no op or gain curve)



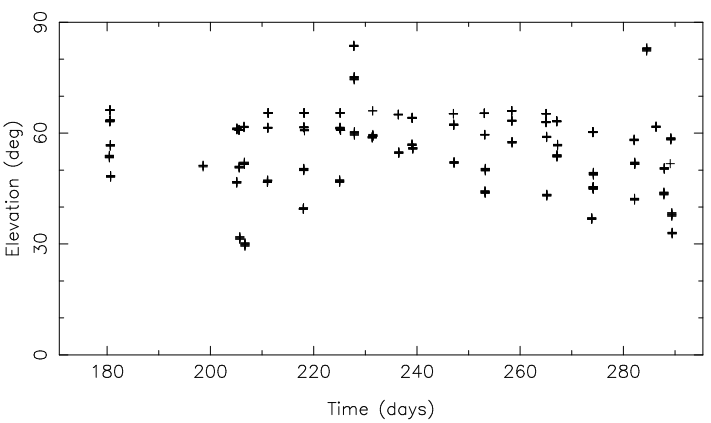
Gain (op and gain curve corrected) vs Atm Temp



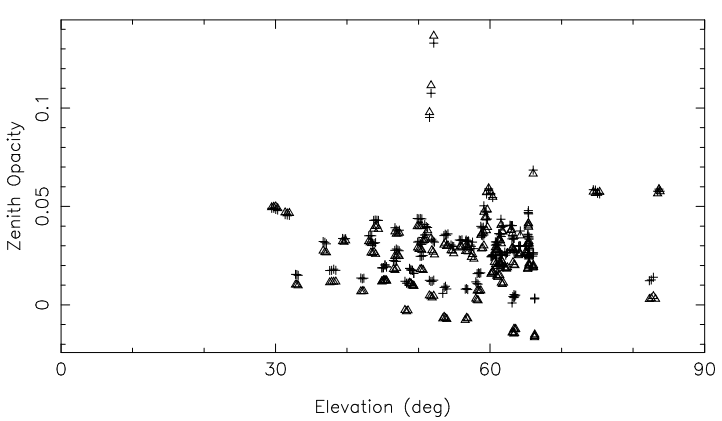
Opacity / Sec(Z) vs. Time



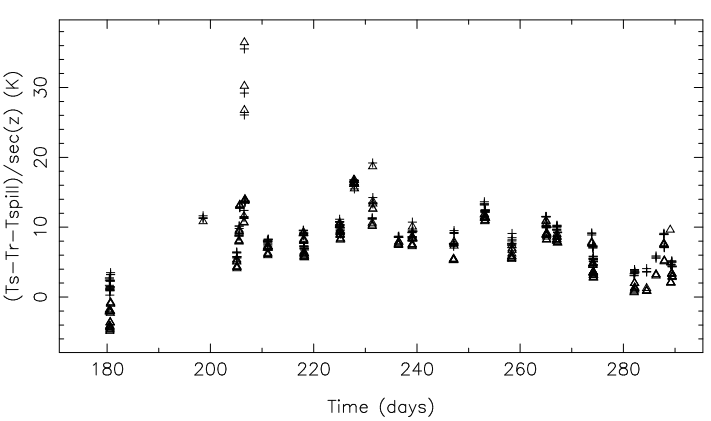
Elevation vs. Time



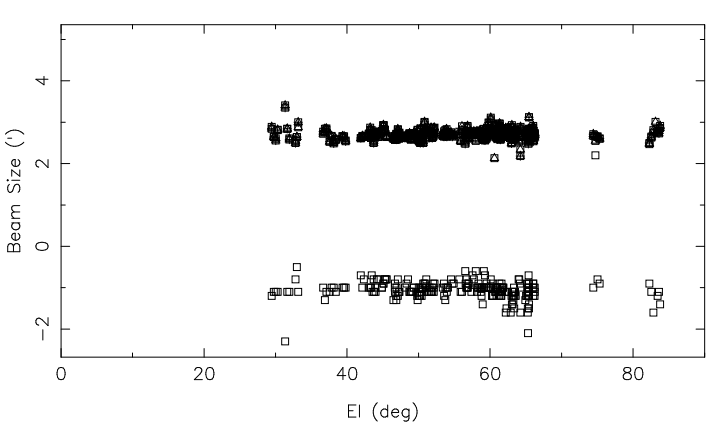
Opacity / Sec(Z) vs. Elevation



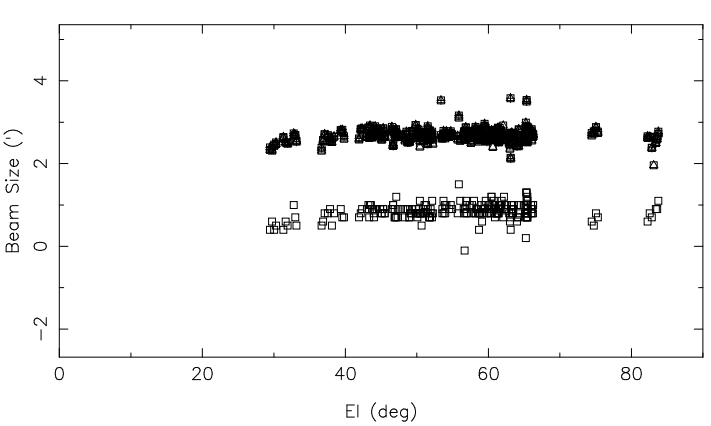
Zenith Atmosphere Temperature vs. Time



El. Beam Size and 10 X El. Squint vs. El.

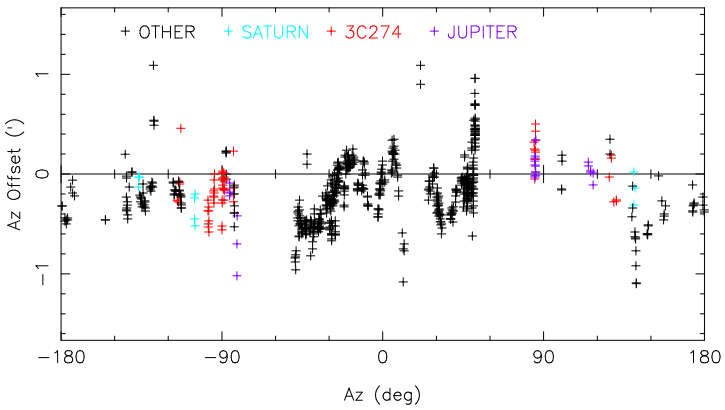


Az. Beam Size and 10 X Az Squint vs. El.



SC 1cm 25 Jun 2026

AZ PREFIT



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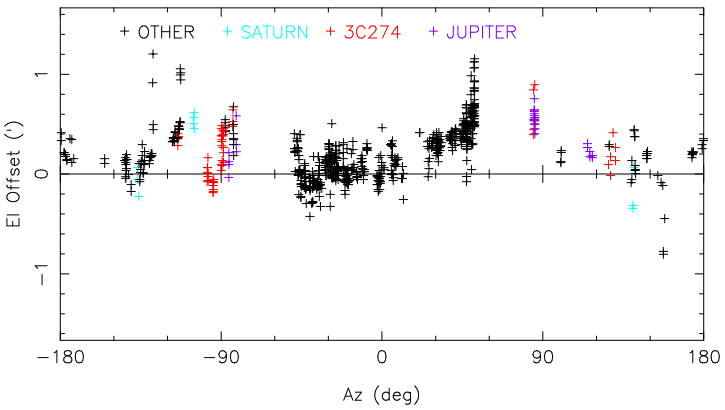

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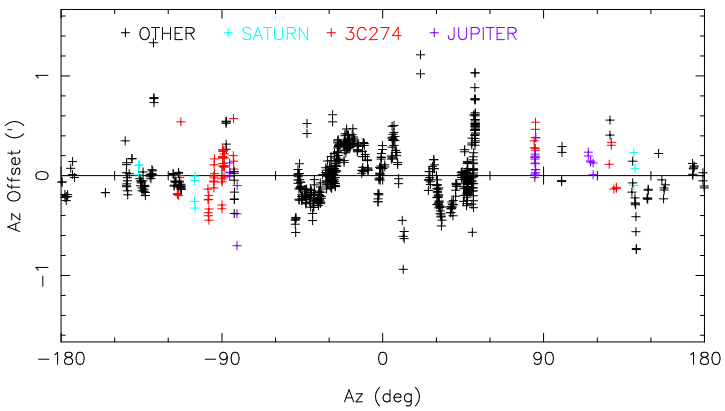

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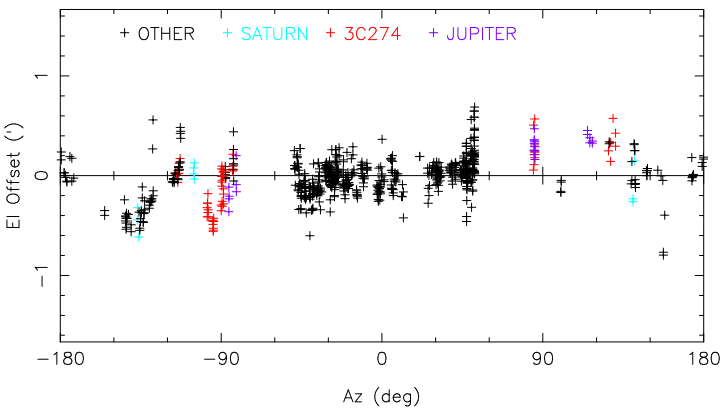

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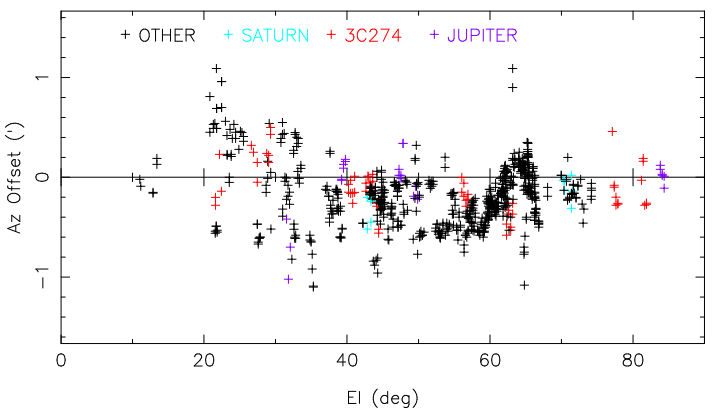

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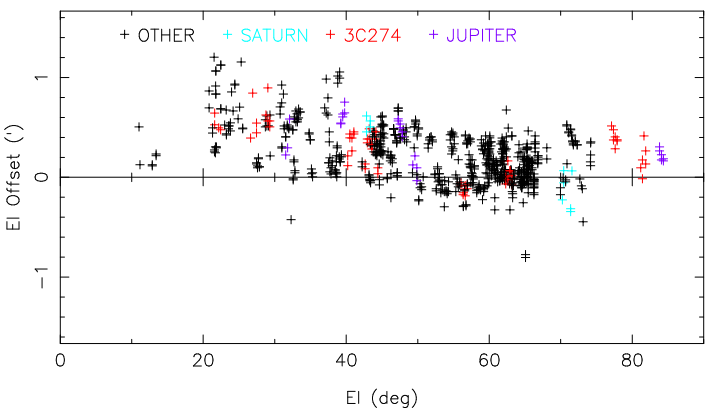

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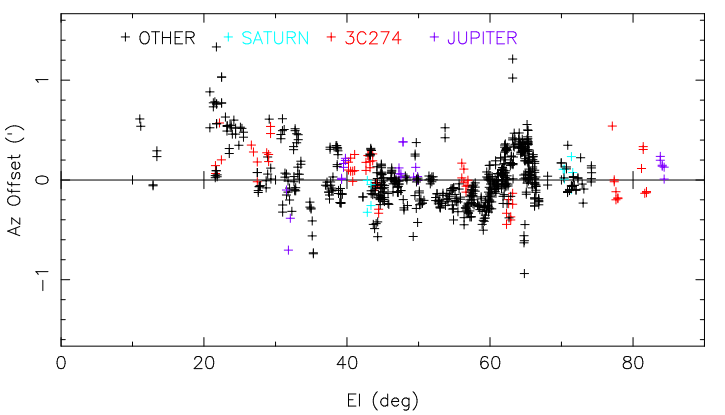

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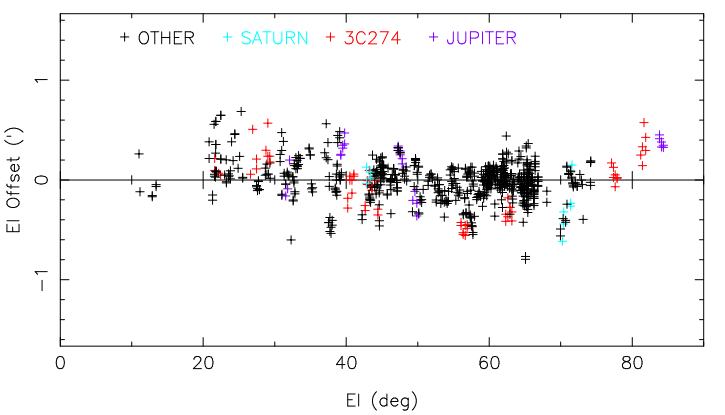
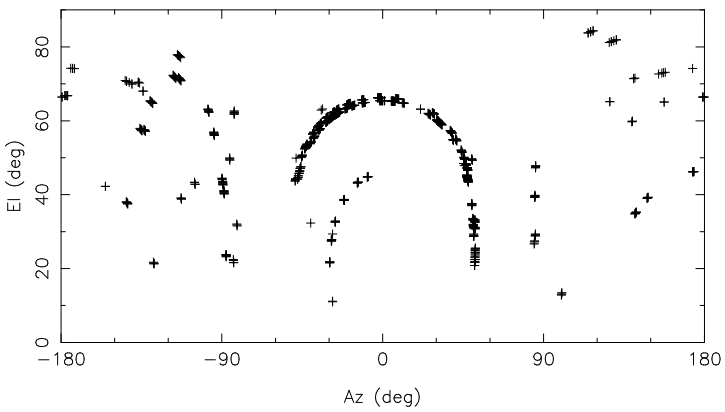
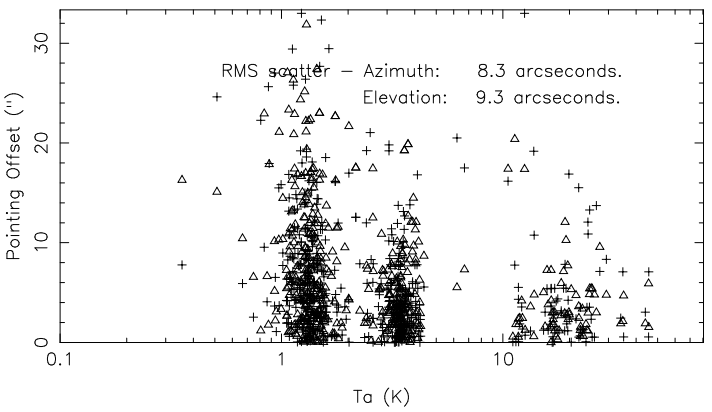


SC 1cm 25 Jun 2026

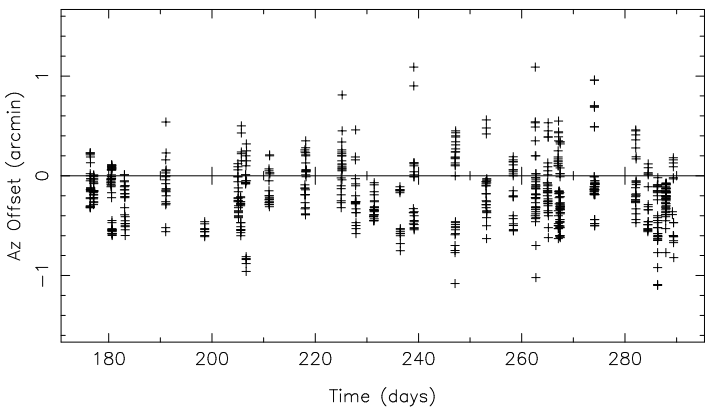
SAMPLES



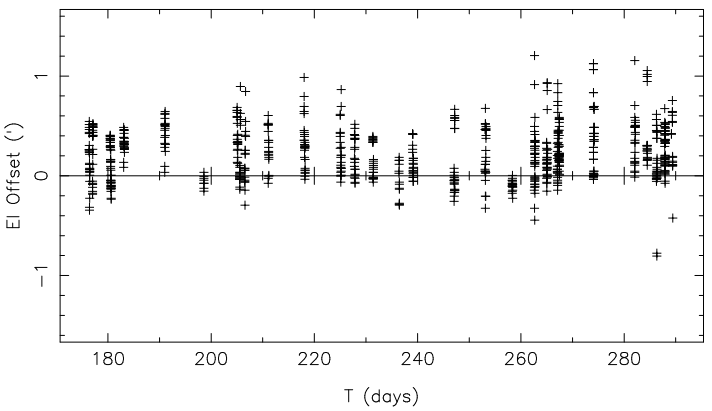
ADJACENT SCAN POINTING DIFFERENCES vs. Ta



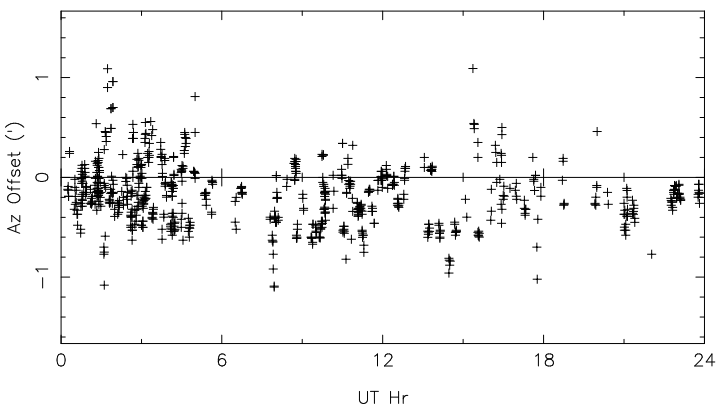
AZ PREFIT vs TIME



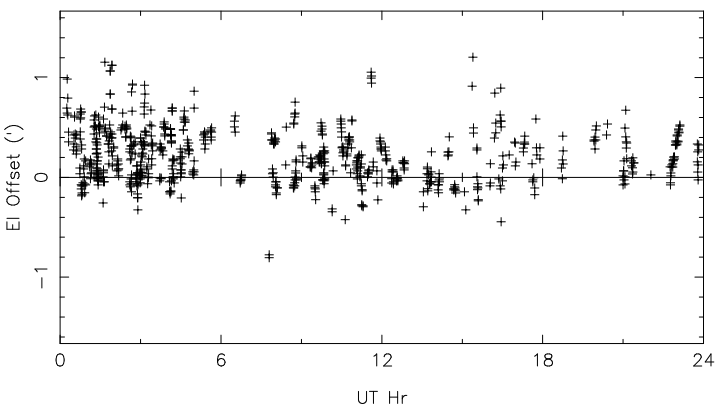
EL PREFIT vs T



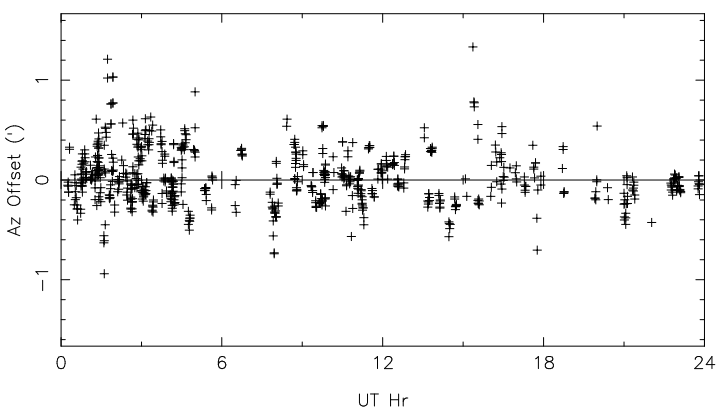
AZ PREFIT vs TIME OF DAY



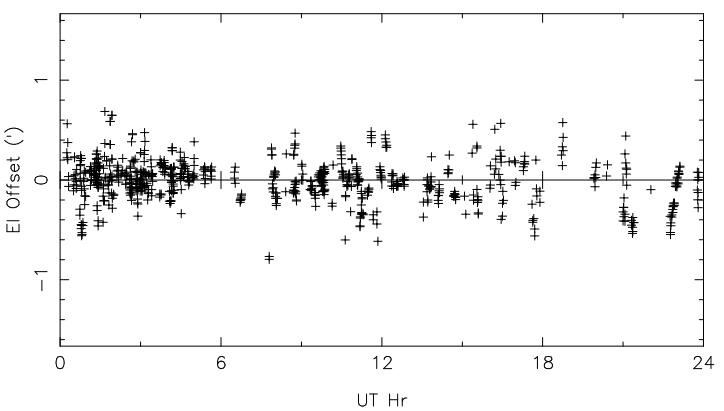
EL PREFIT vs TIME OF DAY



AZ POSTFIT vs TIME OF DAY

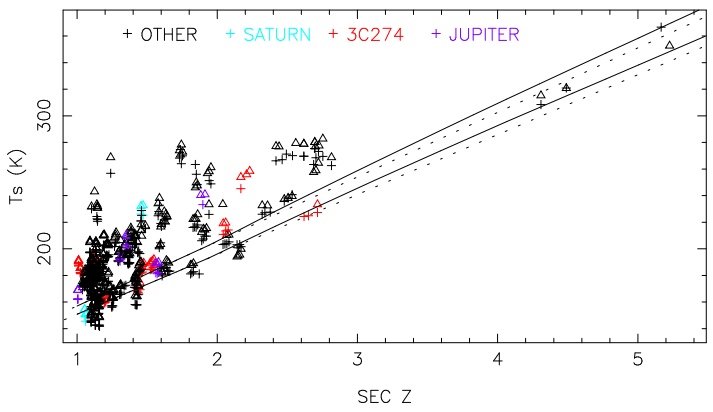


EL POSTFIT vs TIME OF DAY

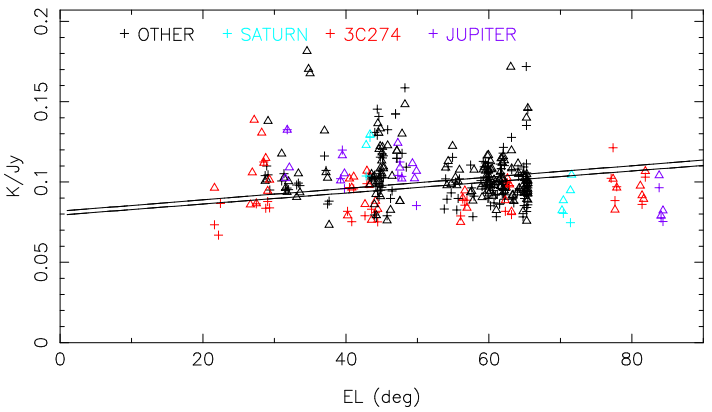


SC 1cm 25 Jun 2026

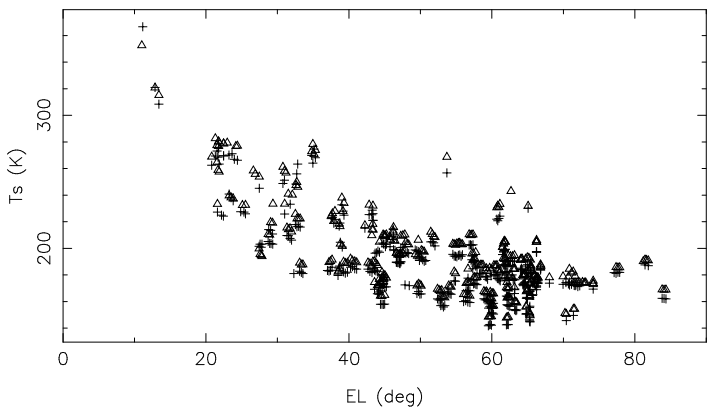
Ts vs SEC ZA – All Points



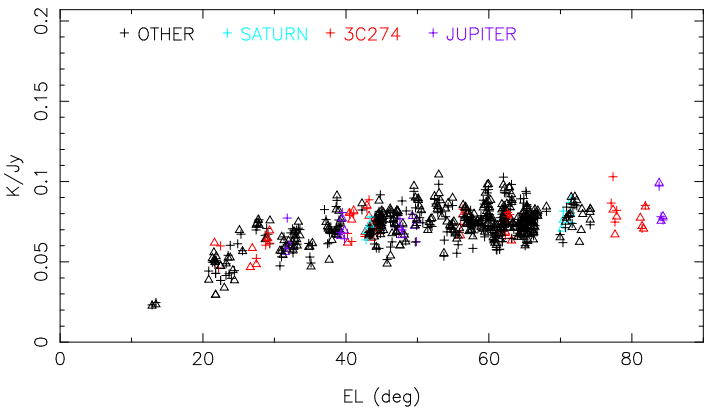
OPACITY CORRECTED GAIN ON CALIBRATORS



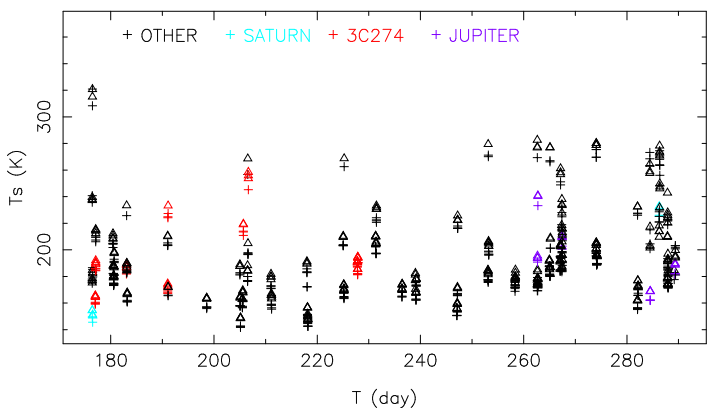
Ts vs EL – All Points



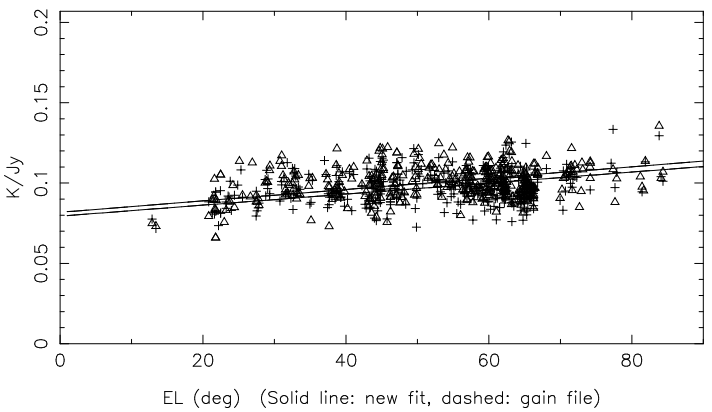
Ta / MEASURED FLUX (All sources, no opacity corrections)



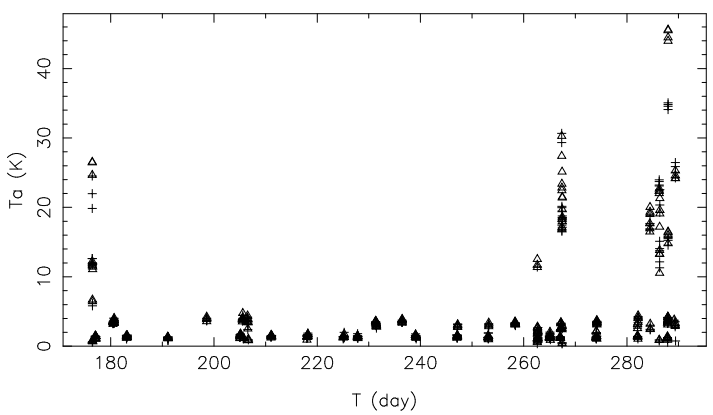
Ts vs T – All Points



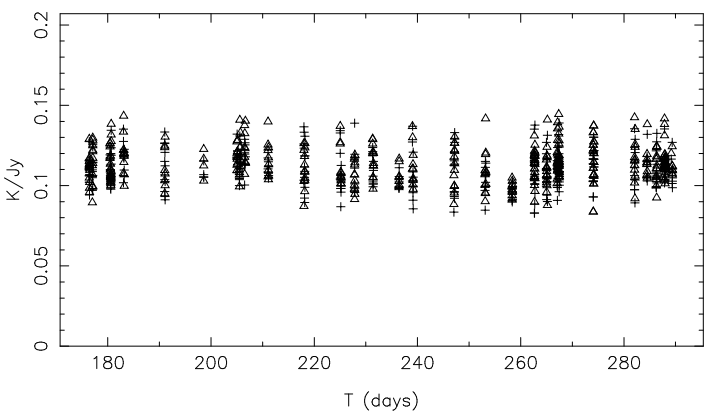
Ta / MEASURED FLUX (All sources, opacity corrected)



Ta vs T – All Points

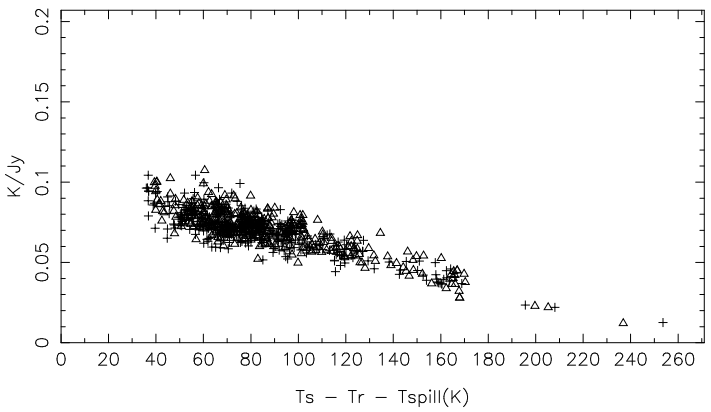


Ta / MEASURED FLUX (All sources, opacity and gain curve corrected)

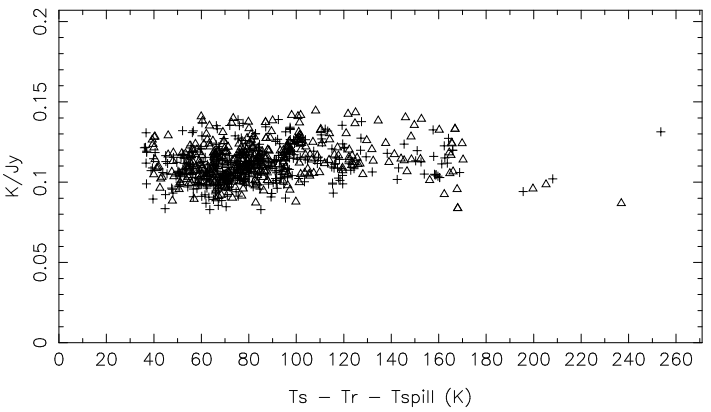


SC 1cm 25 Jun 2026

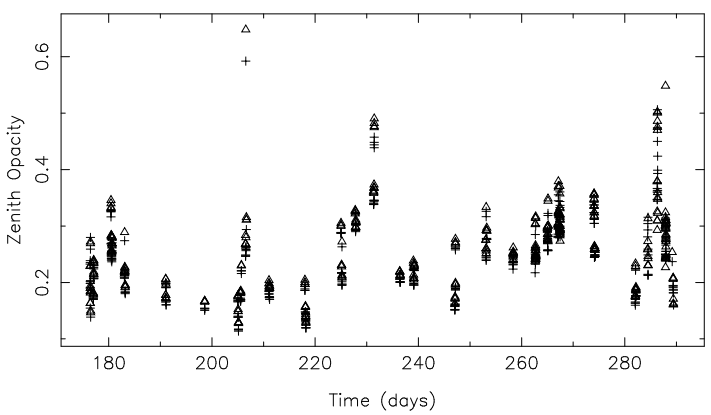
Ta/S(op cor) vs Atm Temp (no op or gain curve)



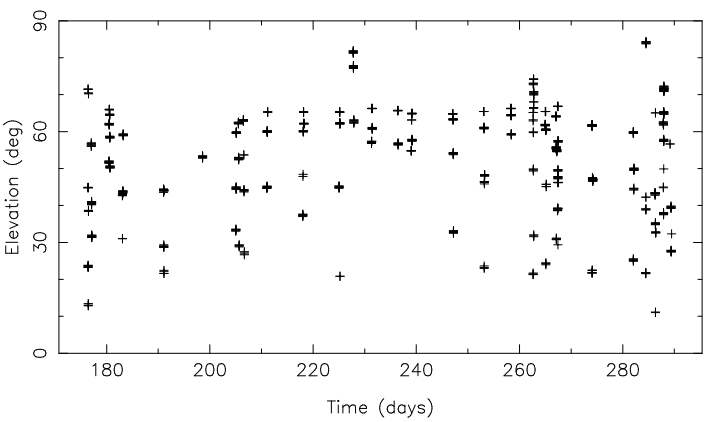
Gain (op and gain curve corrected) vs Atm Temp



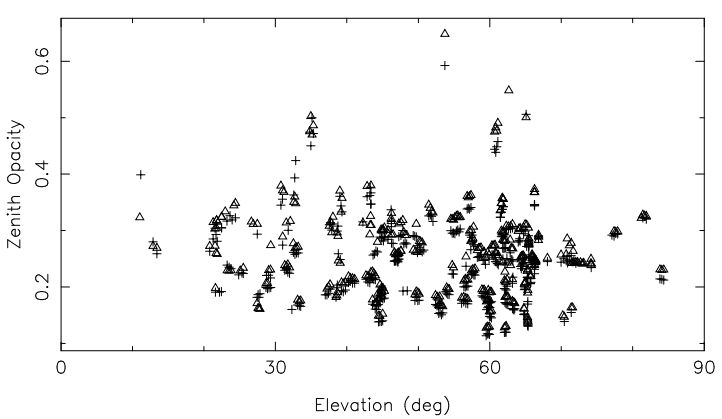
Opacity / Sec(Z) vs. Time



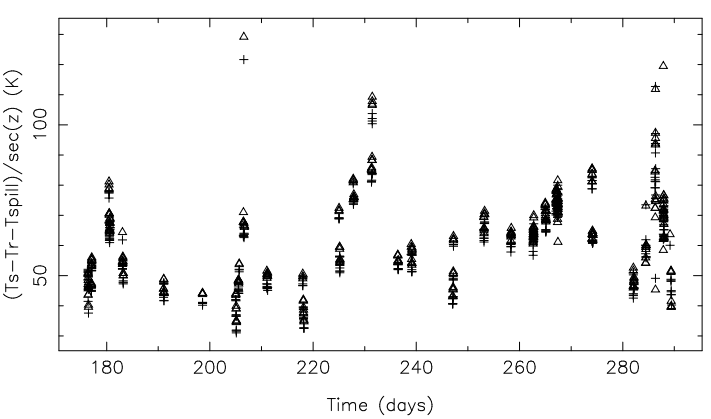
Elevation vs. Time



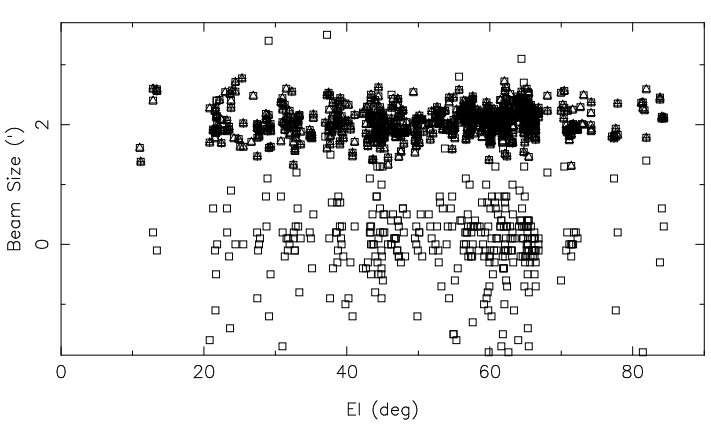
Opacity / Sec(Z) vs. Elevation



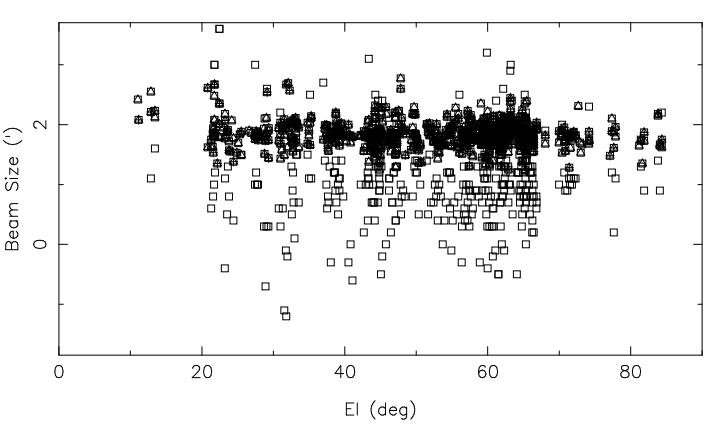
Zenith Atmosphere Temperature vs. Time



El. Beam Size and 10 X El. Squint vs. El.

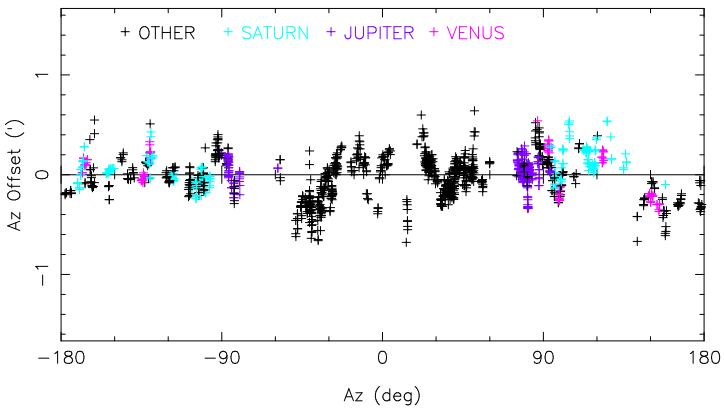


Az. Beam Size and 10 X Az Squint vs. El.

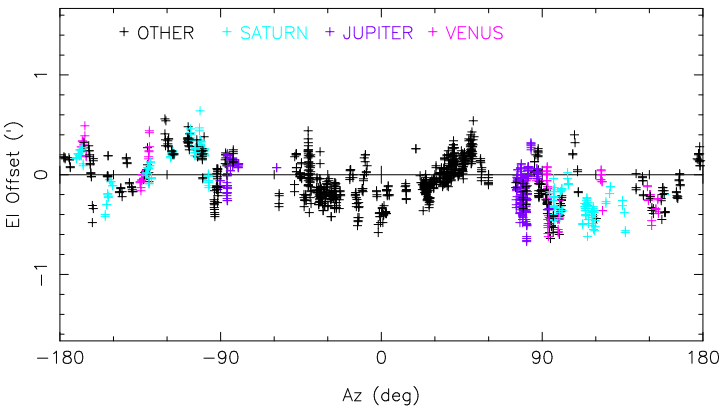


SC 7mm 25 Jun 2026

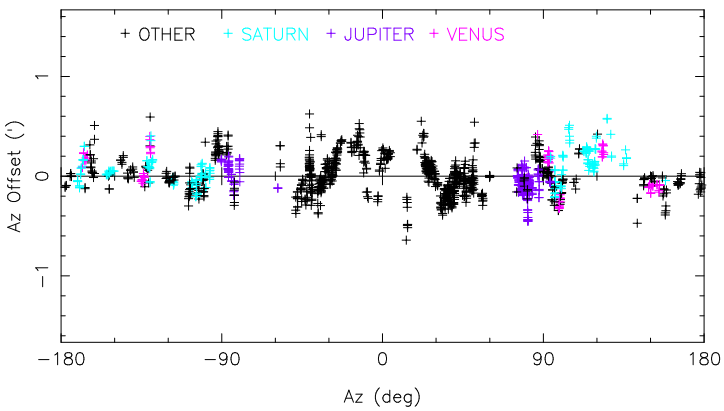
AZ PREFIT



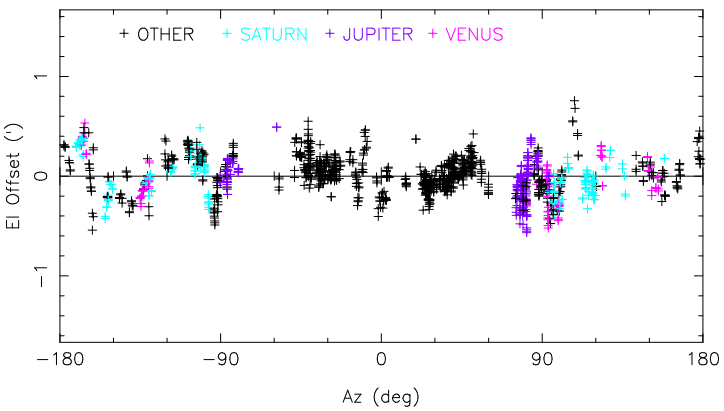
EL PREFIT



AZ POSTFIT



EL POSTFIT



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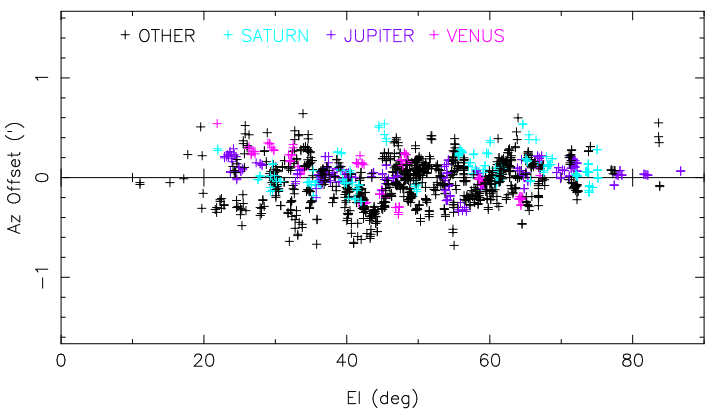

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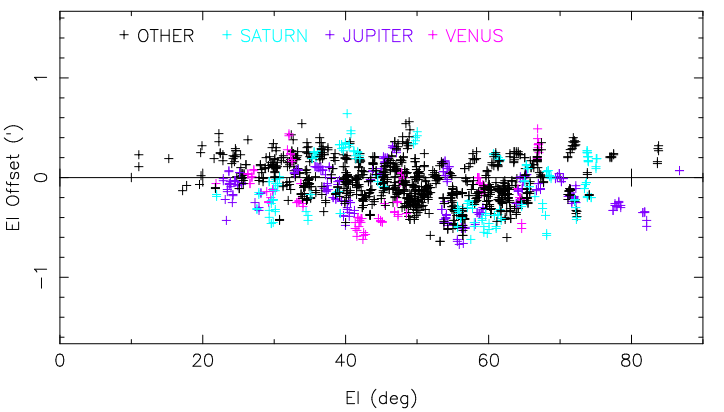
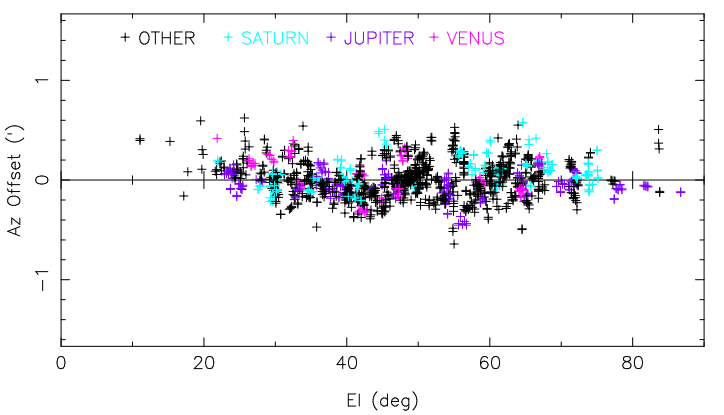
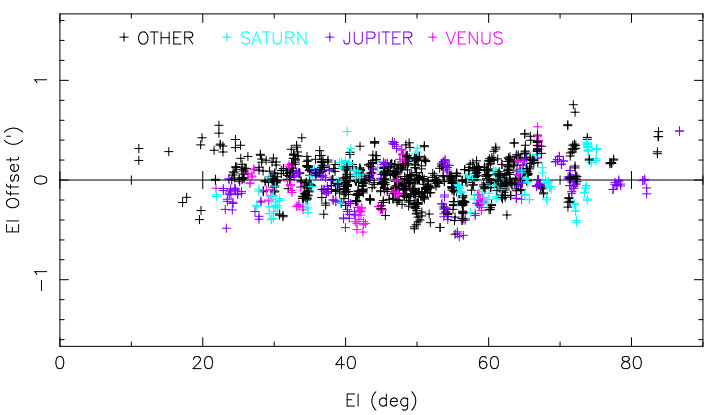


AZ POSTFIT

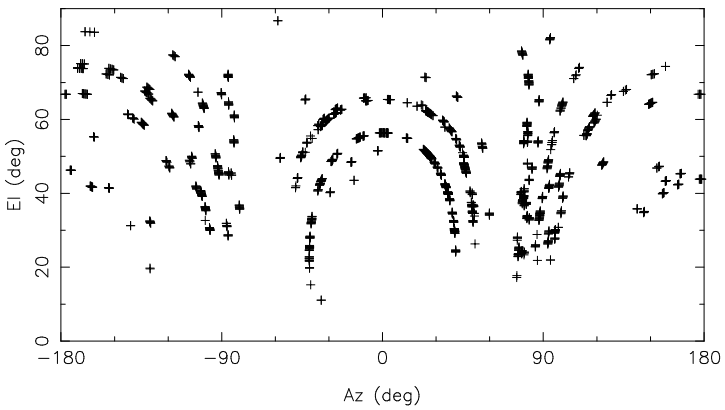


EL POSTFIT

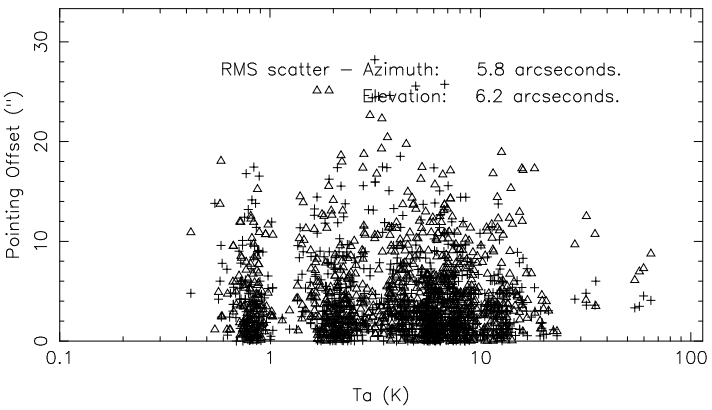


SC 7mm 25 Jun 2026

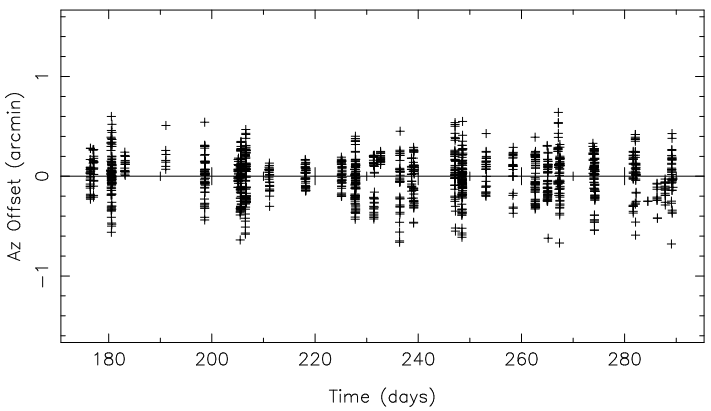
SAMPLES



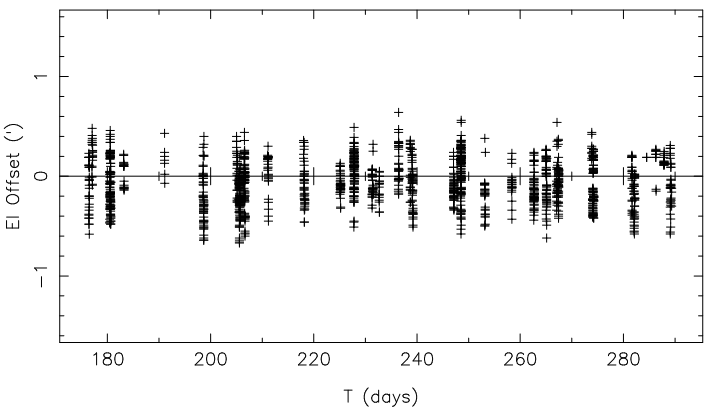
ADJACENT SCAN POINTING DIFFERENCES vs. Ta



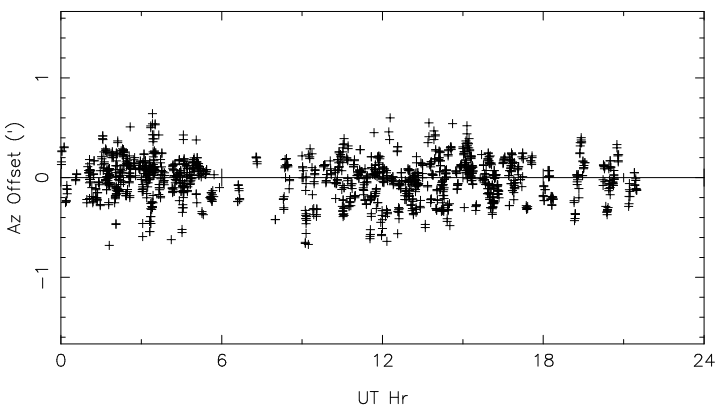
AZ PREFIT vs TIME



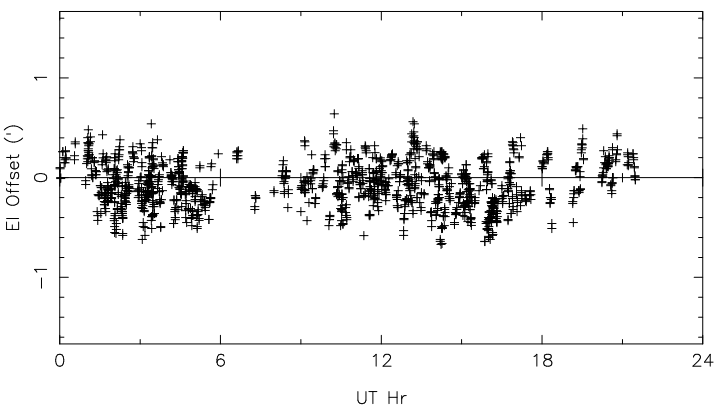
EL PREFIT vs T



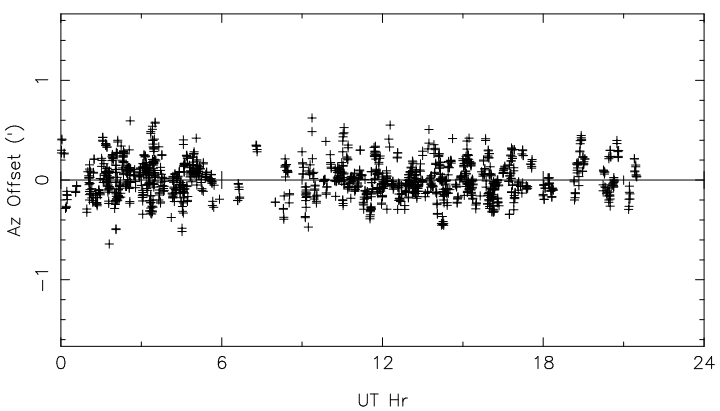
AZ PREFIT vs TIME OF DAY



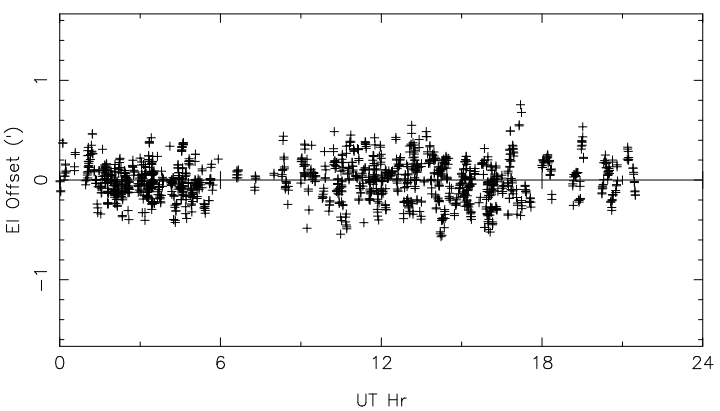
EL PREFIT vs TIME OF DAY



AZ POSTFIT vs TIME OF DAY

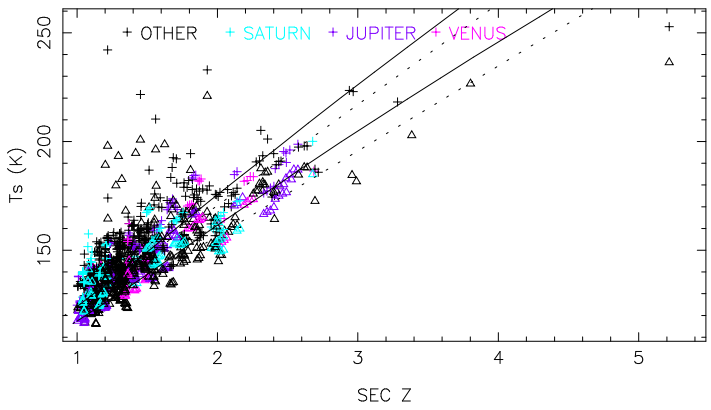


EL POSTFIT vs TIME OF DAY

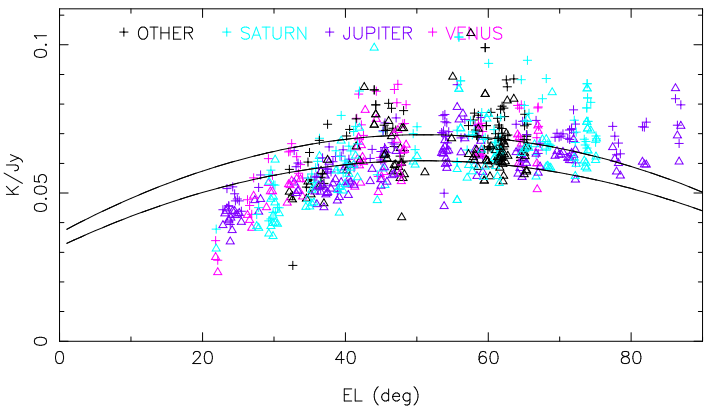


SC 7mm 25 Jun 2026

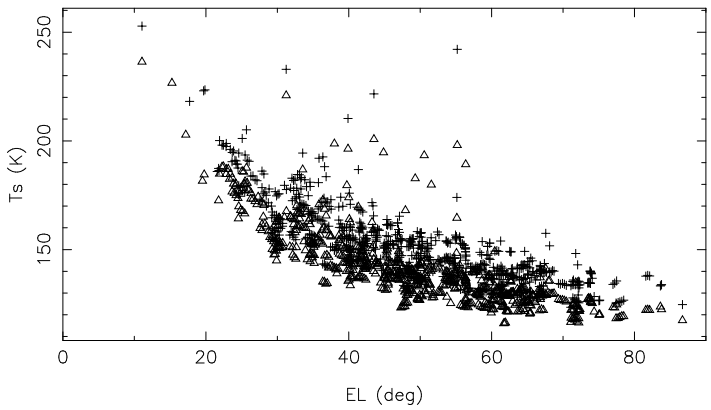
Ts vs SEC ZA – All Points



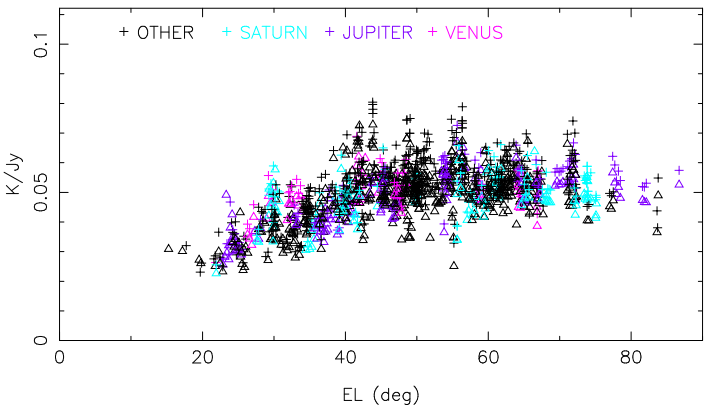
OPACITY CORRECTED GAIN ON CALIBRATORS



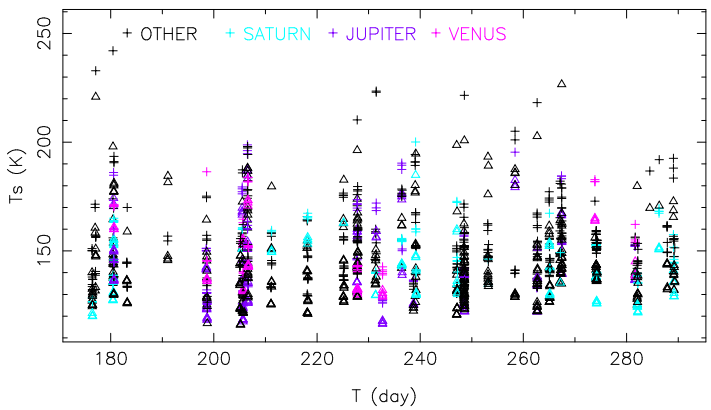
Ts vs EL – All Points



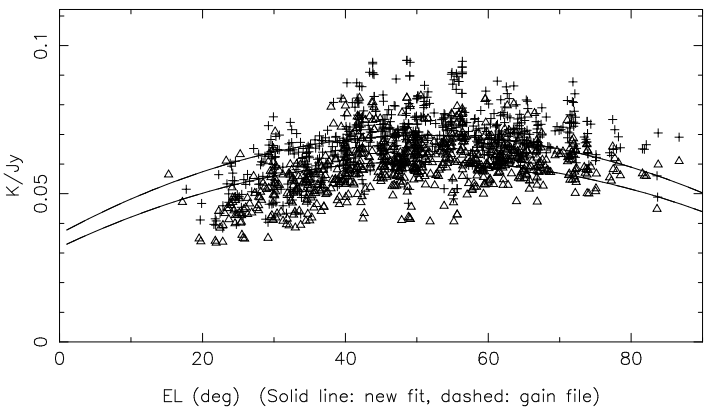
Ta / MEASURED FLUX (All sources, no opacity corrections)



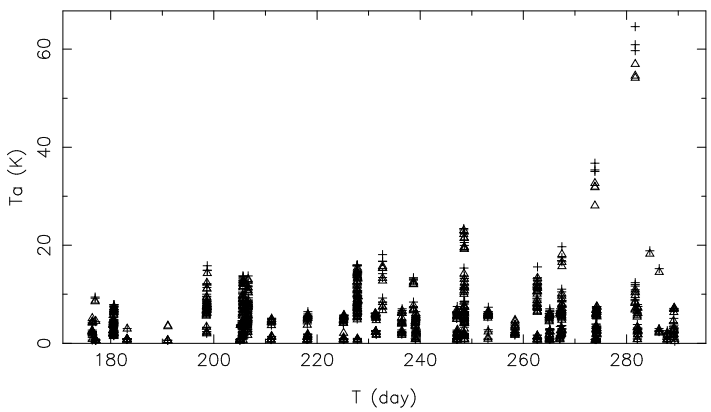
Ts vs T – All Points



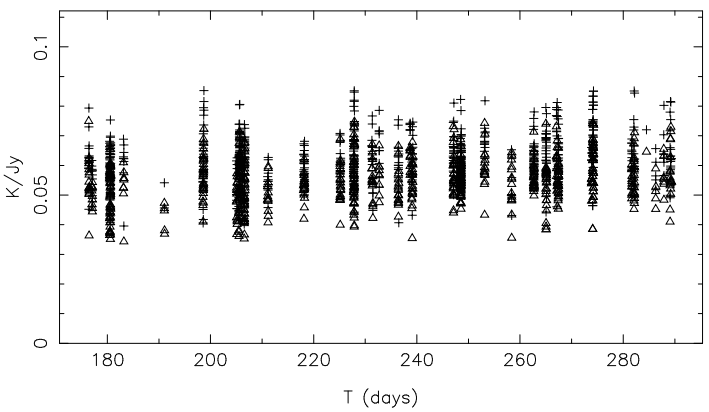
Ta / MEASURED FLUX (All sources, opacity corrected)



Ta vs T – All Points

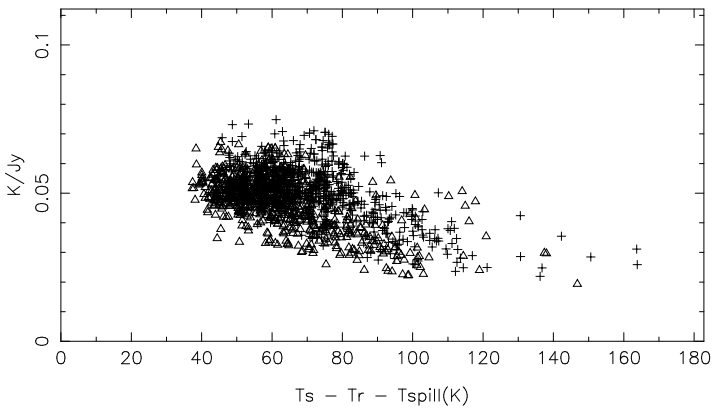


Ta / MEASURED FLUX (All sources, opacity and gain curve corrected)

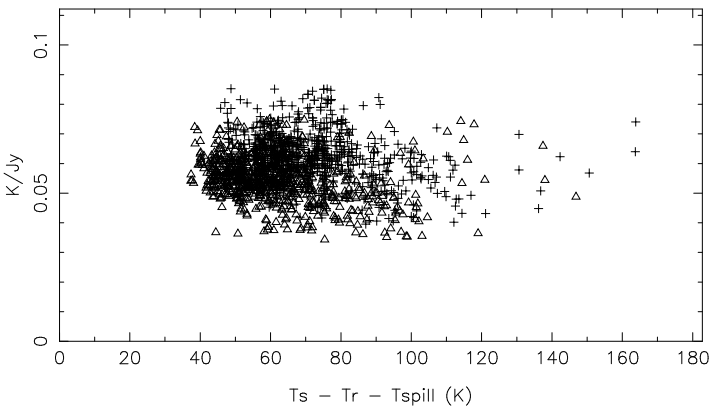


SC 7mm 25 Jun 2026

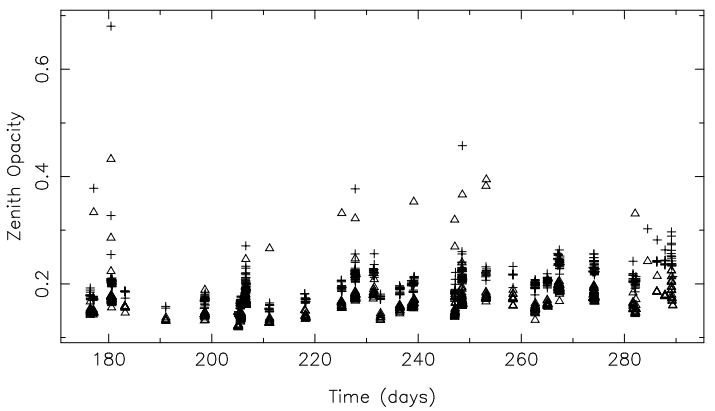
Ta/S(op cor) vs Atm Temp (no op or gain curve)



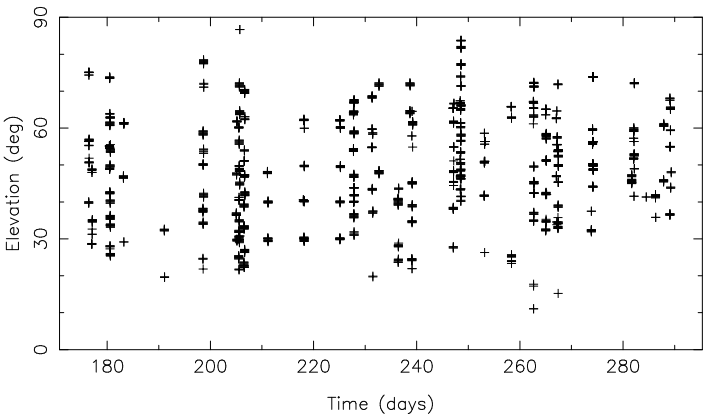
Gain (op and gain curve corrected) vs Atm Temp



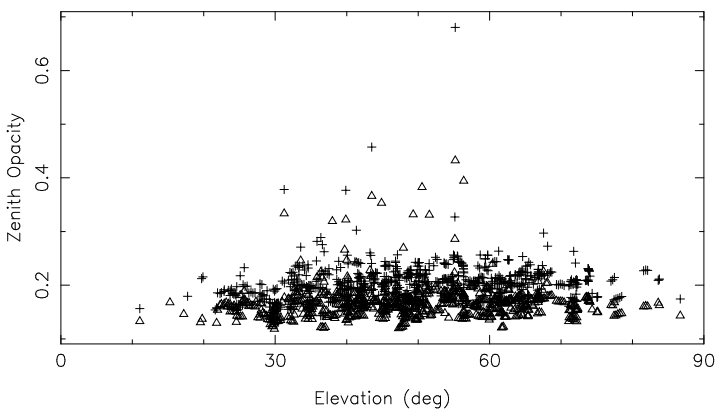
Opacity / Sec(Z) vs. Time



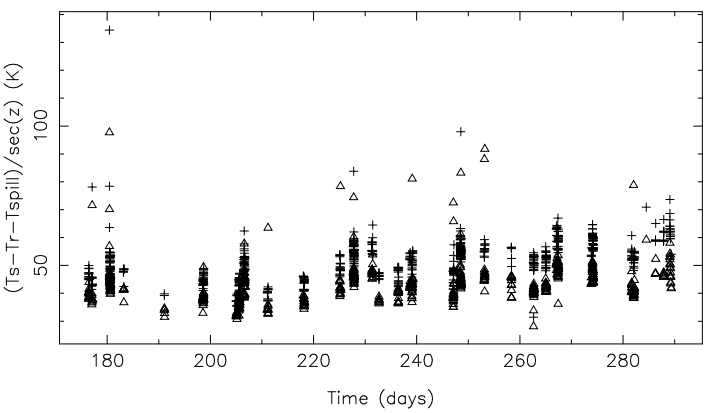
Elevation vs. Time



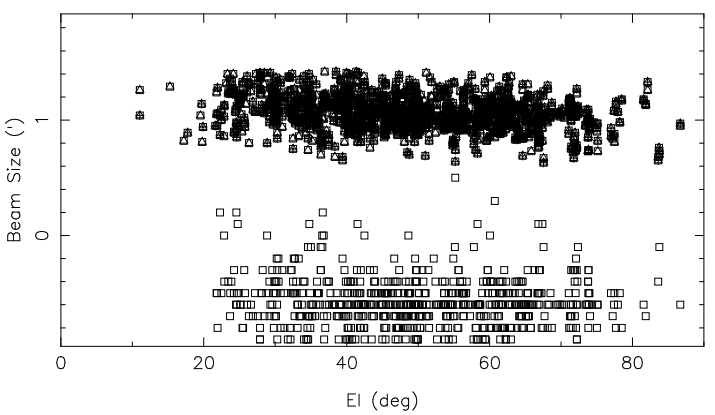
Opacity / Sec(Z) vs. Elevation



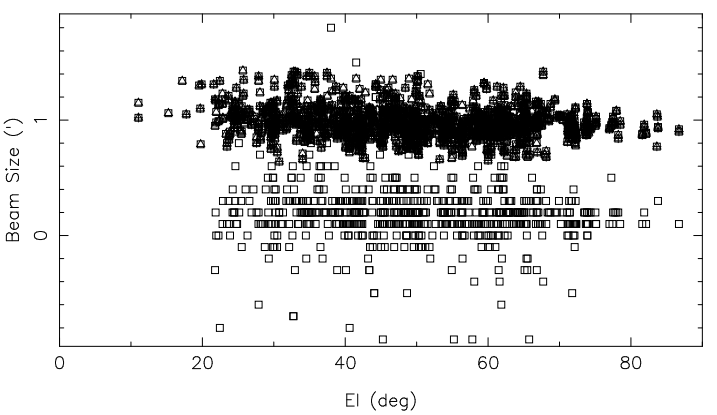
Zenith Atmosphere Temperature vs. Time



El. Beam Size and 10 X El. Squint vs. El.

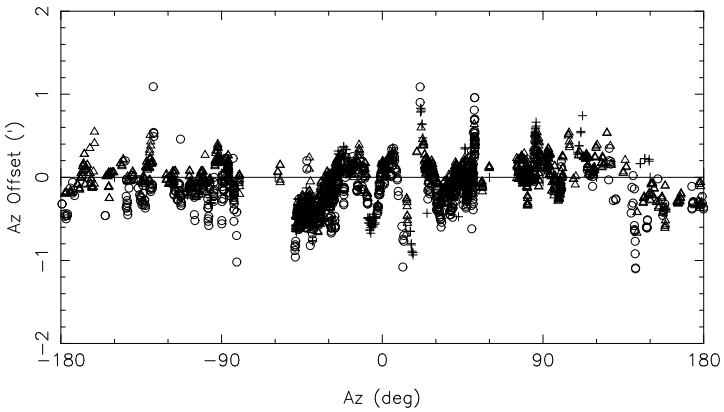


Az. Beam Size and 10 X Az Squint vs. El.

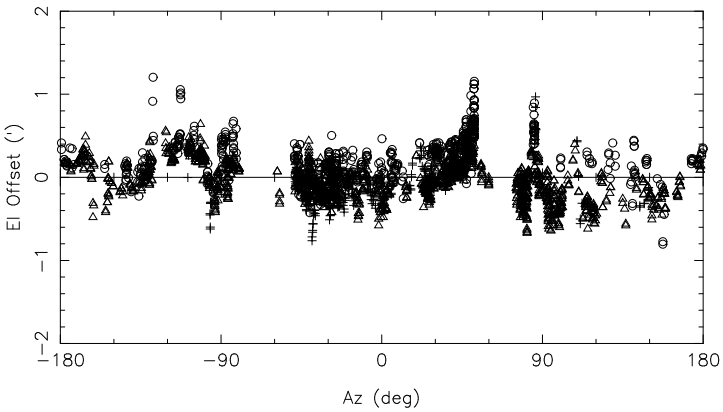


SC 25 Jun 2026 2cm 1cm 7mm

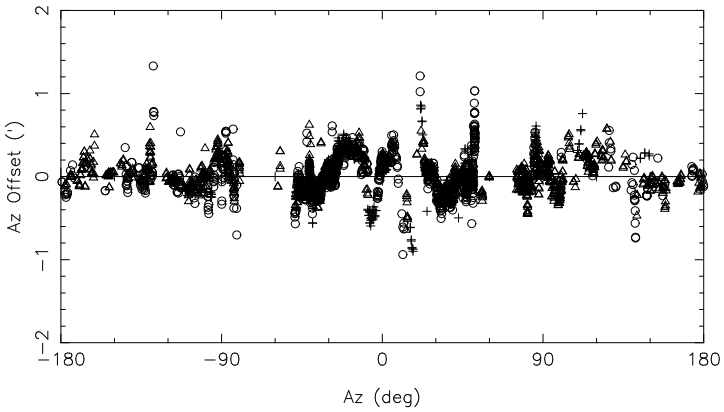
AZ PREFIT



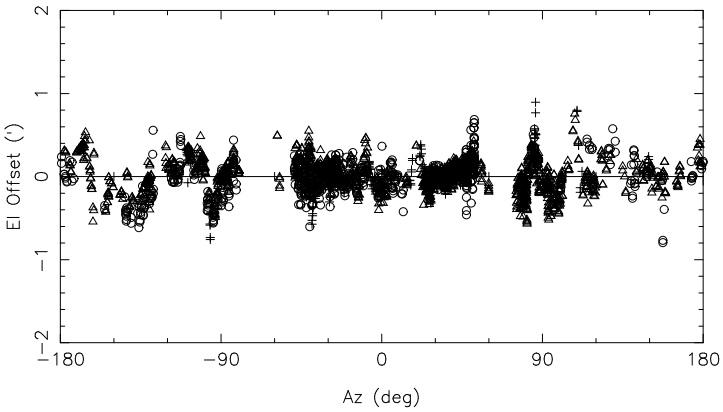
EL PREFIT



AZ POSTFIT



EL POSTFIT



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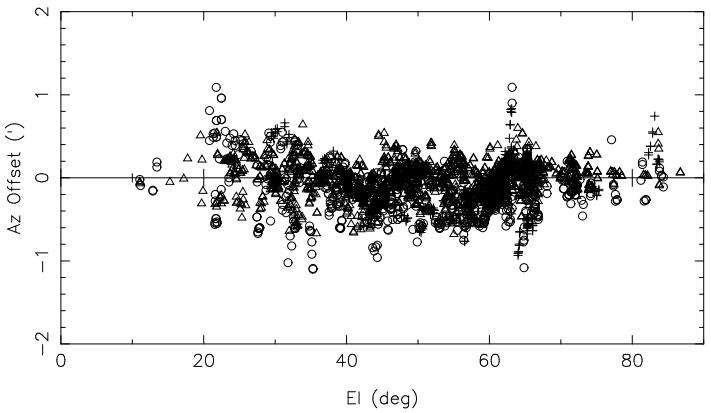

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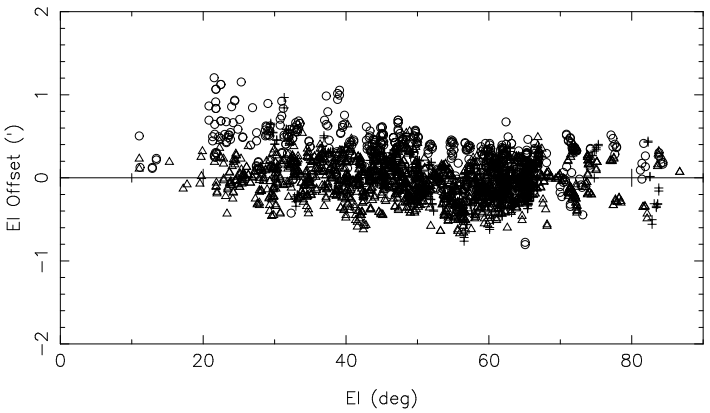
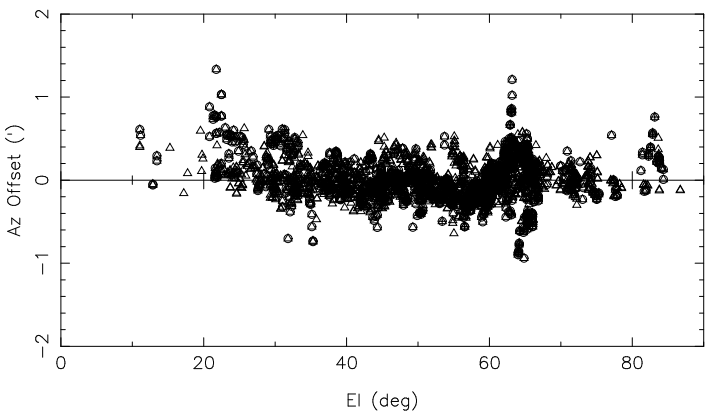
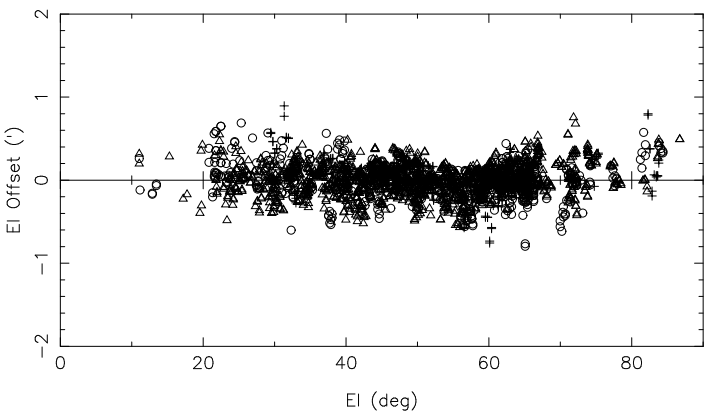
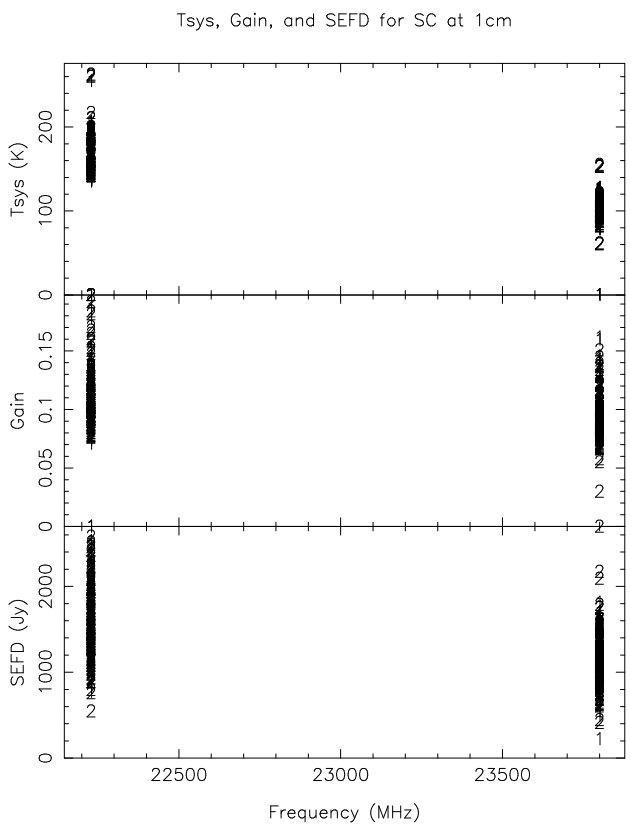


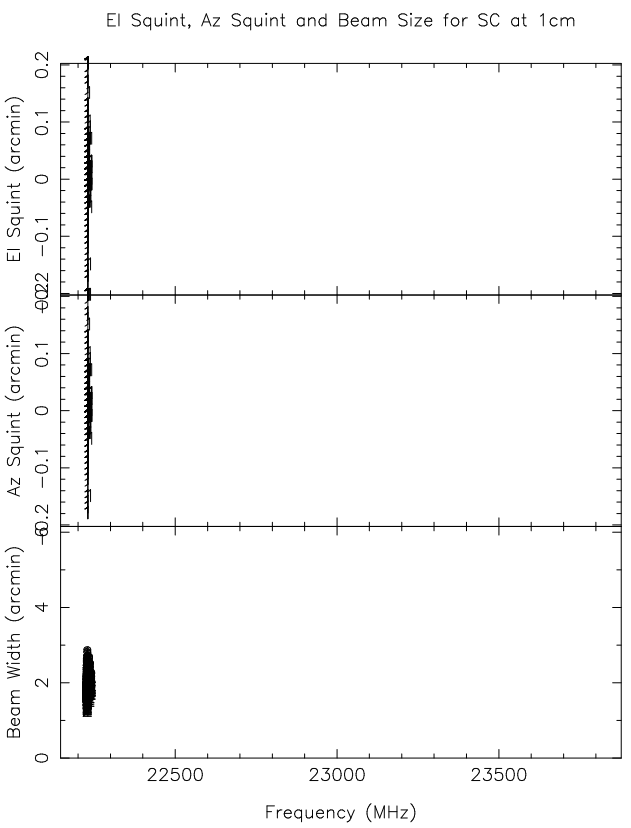
AZ POSTFIT

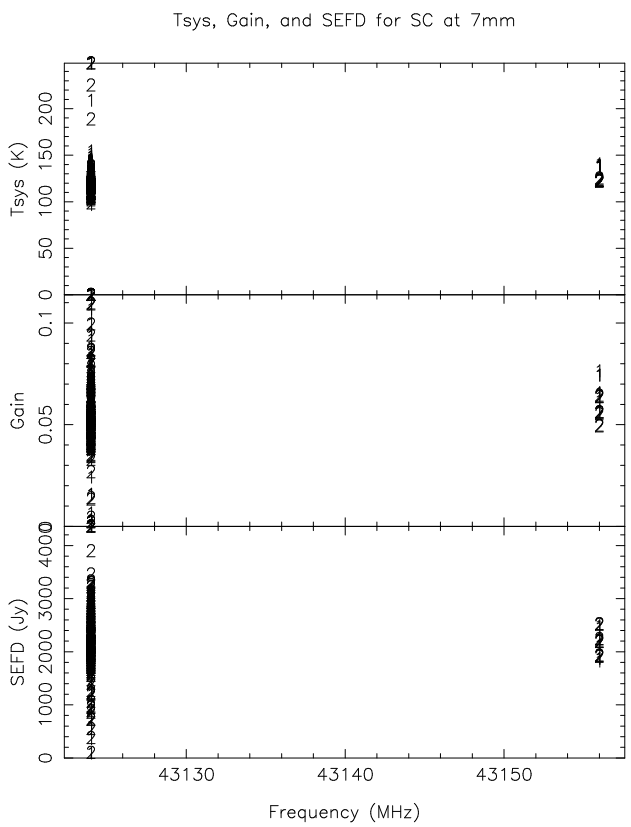


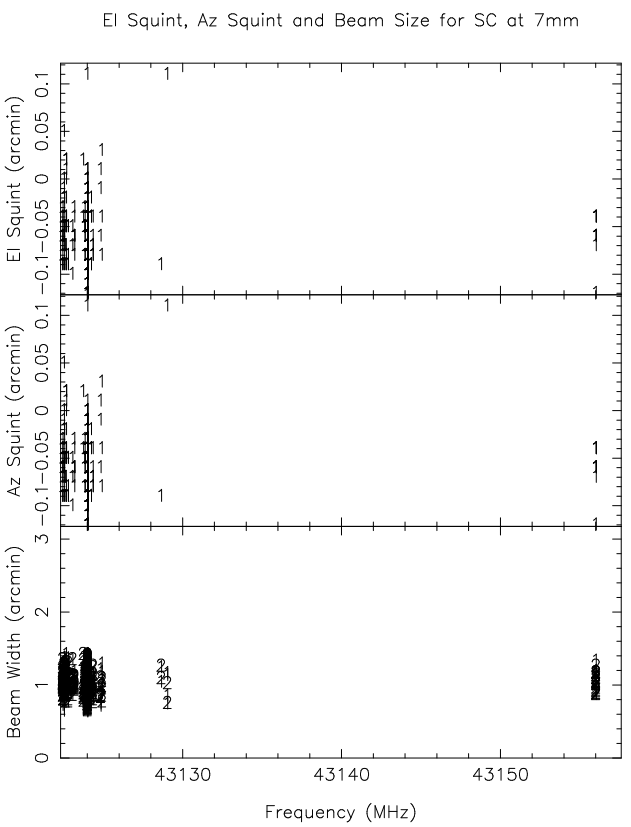
EL POSTFIT




Tsys, Gain, and SEFD for SC at 1cm
Tsys (K)
Gain
SEFD (Jy)
Frequency (MHz)


El Squint, Az Squint and Beam Size for SC at 1cm
El Squint (arcmin)
Az Squint (arcmin)
Beam Width (arcmin)
Frequency (MHz)


Tsys, Gain, and SEFD for SC at 7mm
Tsys (K)
Gain
SEFD (Jy)
Frequency (MHz)


El Squint, Az Squint and Beam Size for SC at 7mm
El Squint (arcmin)
Az Squint (arcmin)
Beam Width (arcmin)
Frequency (MHz)