



WHOLE-DISH REFLECTIVITY WITH VERITAS

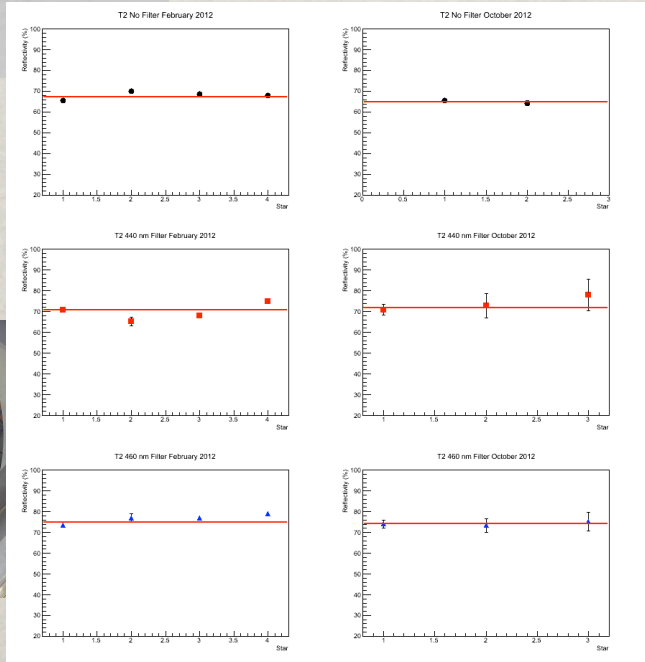
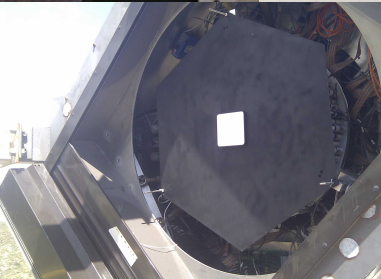


- USEFUL FOR ENERGY RECONSTRUCTION
- USE OF FILTER WHEEL FOR WAVELENGTH DEPENDENCE
- CHECK REFLECTION WITH SPECTRALON, FLUOROPOLYMER WITH > 99% DIFFUSE REFLECTANCE OVER WAVELENGTH OF INTEREST

• REFLECTIVITY :

$$R_{MIRROR} \times A_{MIRROR} = (F_{REFLECTED} / F_{DIRECT}) (\pi D^2 / \cos \alpha) / R$$

- RESULTS ARE CONSISTENT BETWEEN MEASUREMENTS, MORE NEEDED FOR REPRODUCIBILITY CHECKS

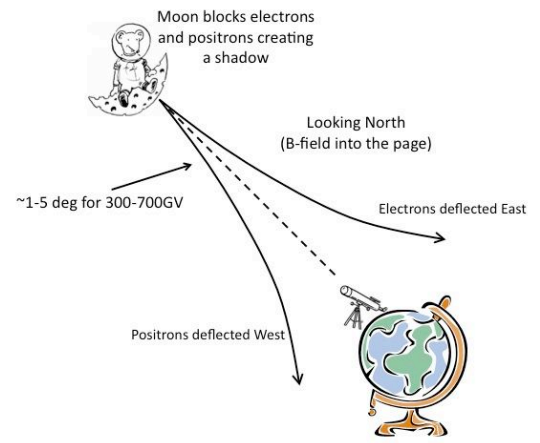
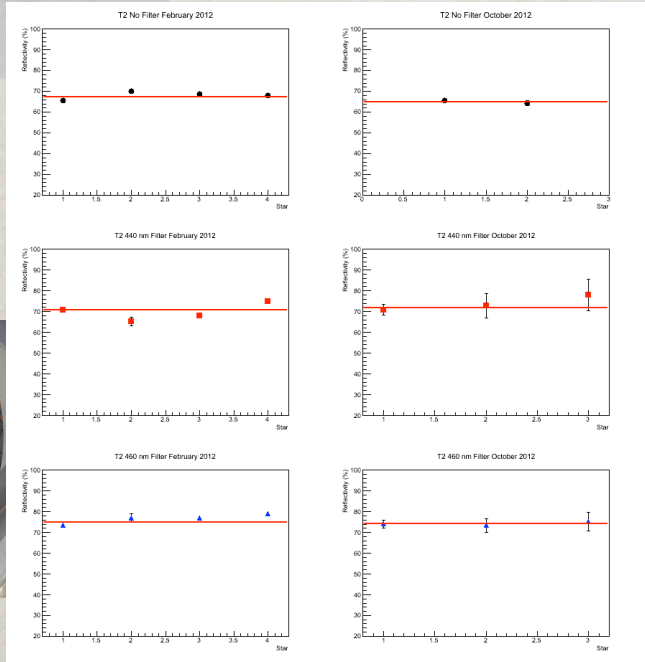
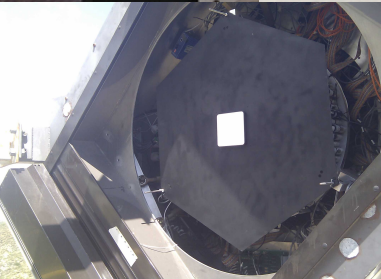
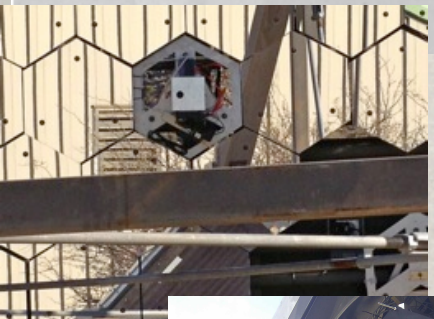
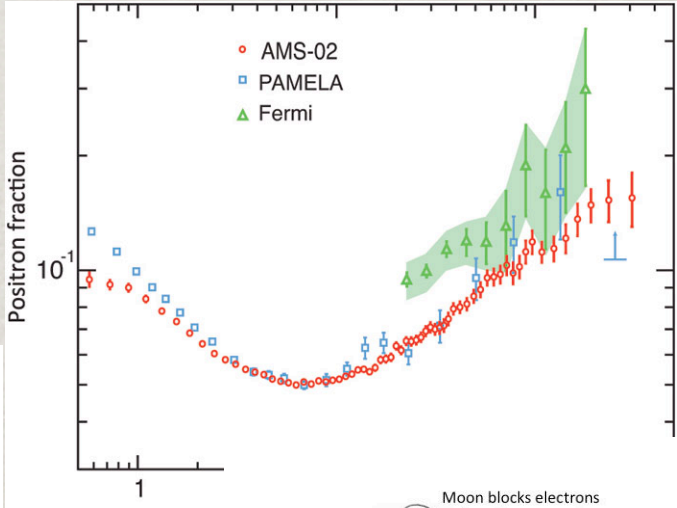




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E/P MOON SHADOW MEASUREMENTS



SIMON ARCHAMBAULT



E/P MOON SHADOW MEASUREMENTS

- POINT THE TELESCOPES WHERE THE SHADOW IS EXPECTED
- USE OF UV FILTERS AND REDUCED HV TO REDUCE NIGHT-SKY BACKGROUND FROM MOONLIGHT
- NEED ABOUT 20 HOURS OBSERVING TIME FOR ELECTRON SHADOW, 100 HOURS FOR POSITRON
- WILL TAKE ~5 YEARS TO COLLECT DUE TO MOON BRIGHTNESS, ELEVATION

