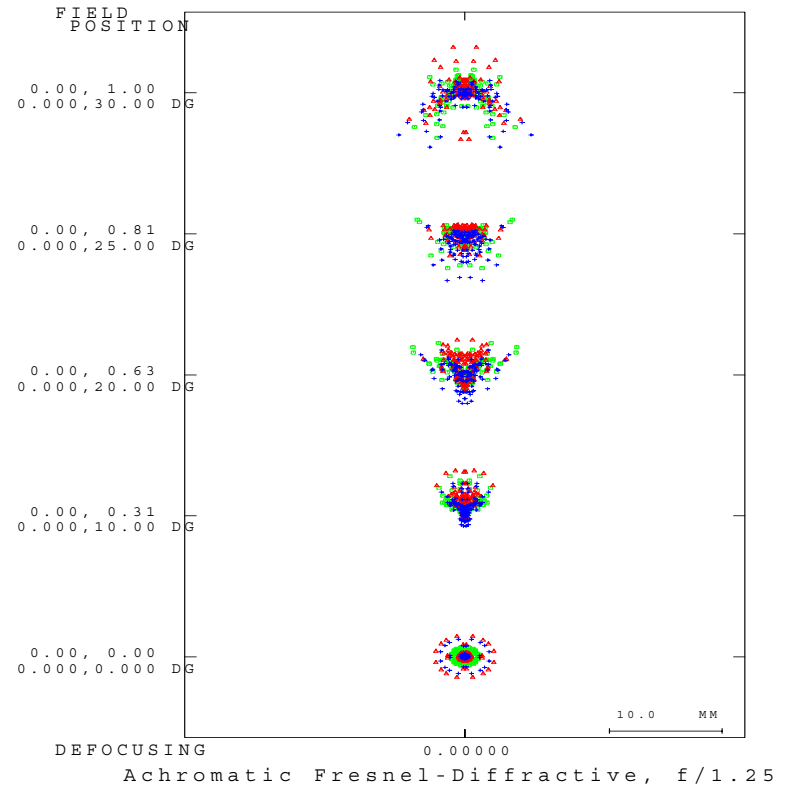
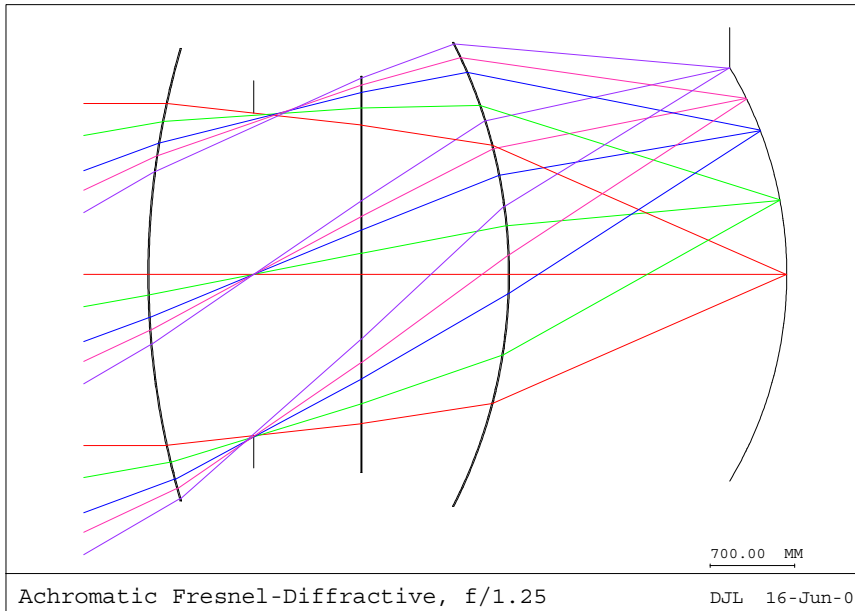


Fresnel lens configuration

09:14:45





PIXSIM statistics

LIST OF THE PARAMETERS USED IN THE SIMULATION

Simulated Primary Energies=1e19 to 1e21 eV Total events (x energy bin)=1000

Satellite hight=380.00 km

Pupil radius=1.00 m

<Background>=200.00 ph/m²/sr/ns

Gate time unit=1666.00 ns

Pixel probability=6

Double pulse resolution=10.00 ns

Clouds level=0.00 km

Field of view=30.00°

Pixel res. on earth=0.65 km

f number=1.25

<Ozone trans. coeff.>=0.58

<Atmosphere trans. coeff.>=0.75

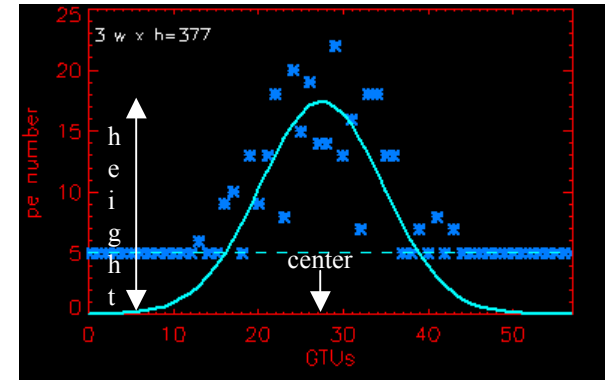
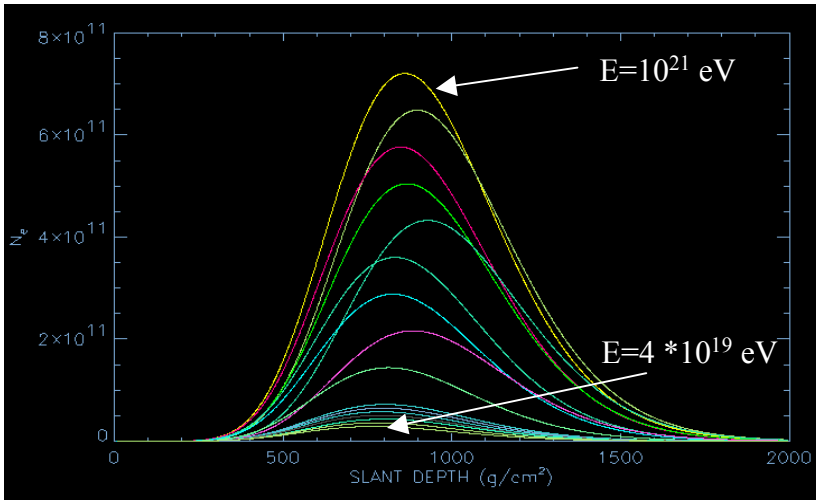
<Detector Q.E.>=0.20

<Optics trans. eff.>=0.80

by CA.OS. IFCAI - CNR, Palermo 13:13:28 09/30/01



PIXSIM statistics



$$\text{Height} \propto \text{Energy (eV)}$$

$$\text{Center} \propto X_{\text{max}} (\text{g}/\text{cm}^2)$$

