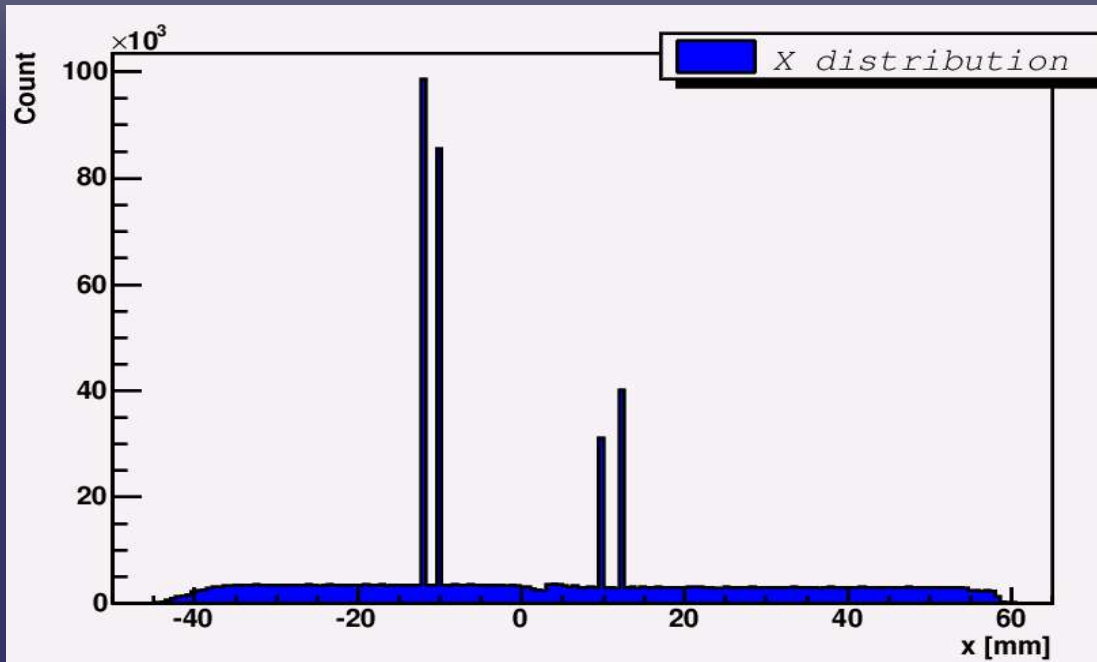
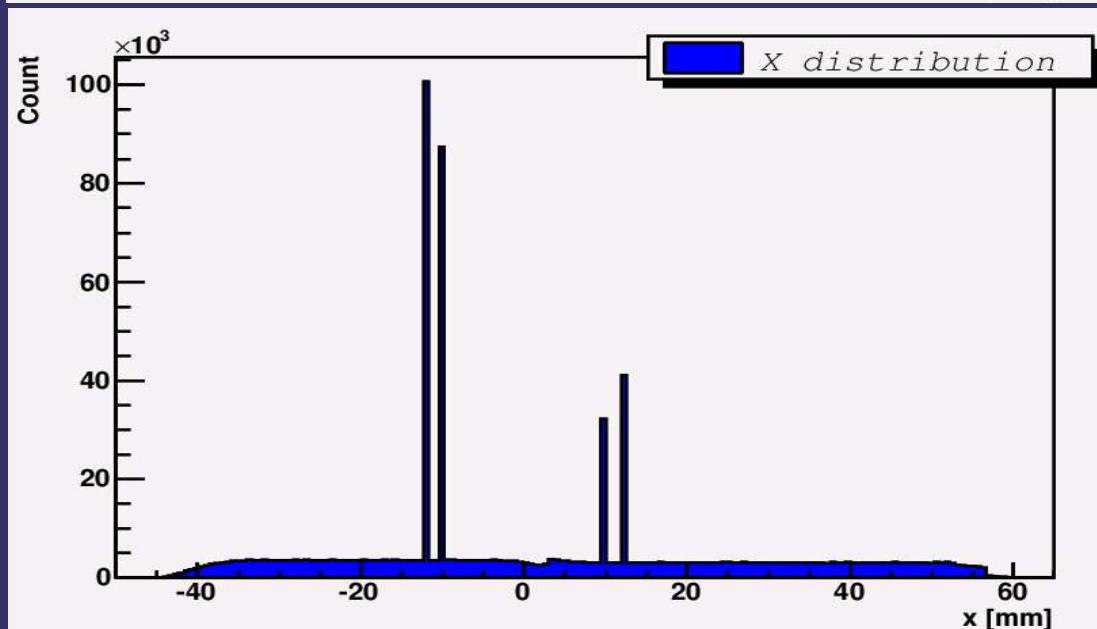


Radiation Fan at 50 m



⇒ 247 GeV

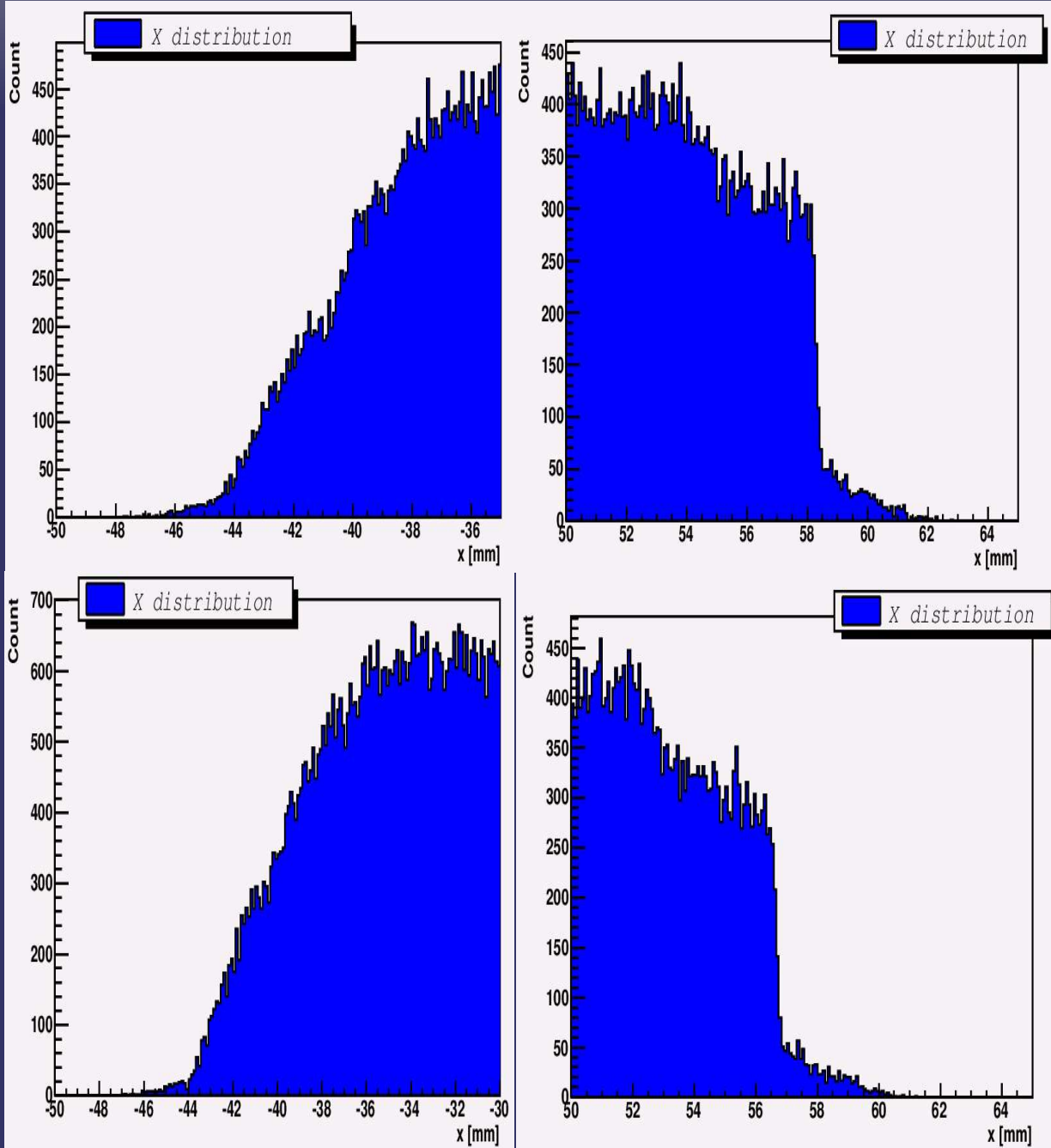
both edges visible
outside the beam
tube



⇒ 253 GeV

both edges visible
outside the beam
tube

Radiation Fan at 50 m (2)



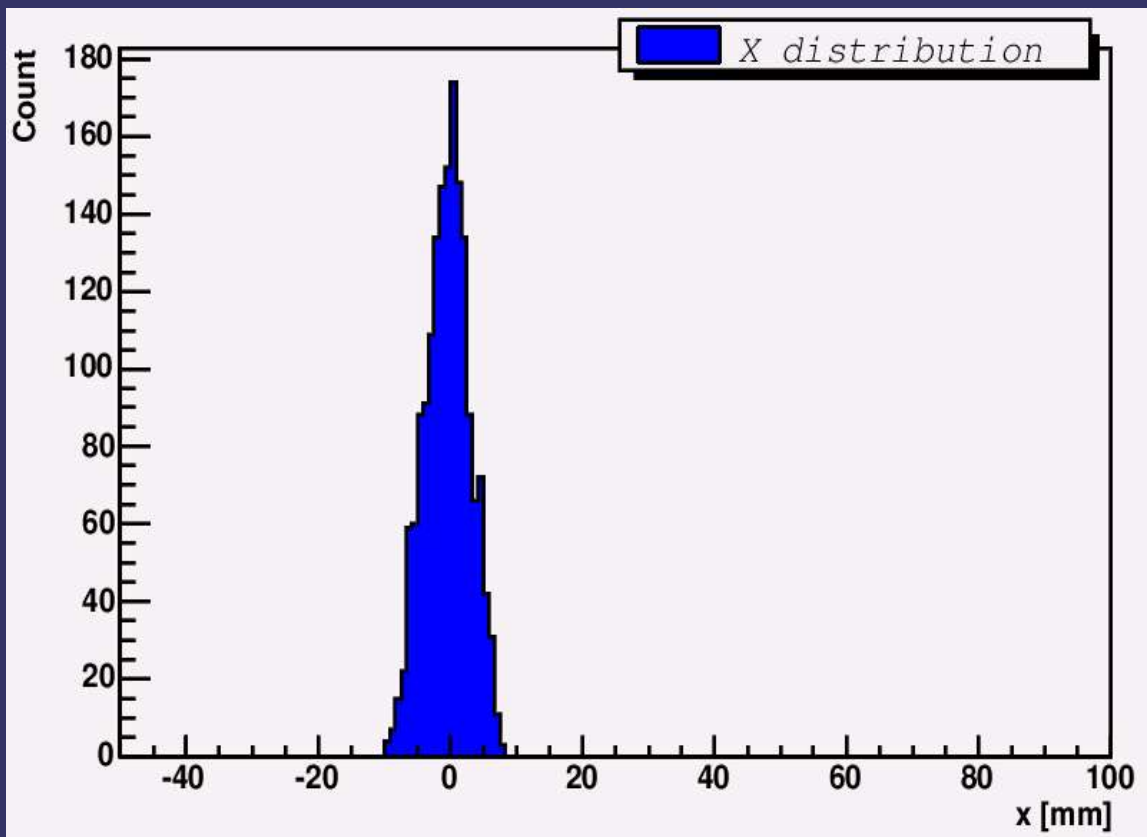
➔ E/GeV Width/mm

247 110.5
253 108.25

➔ Sensitivity

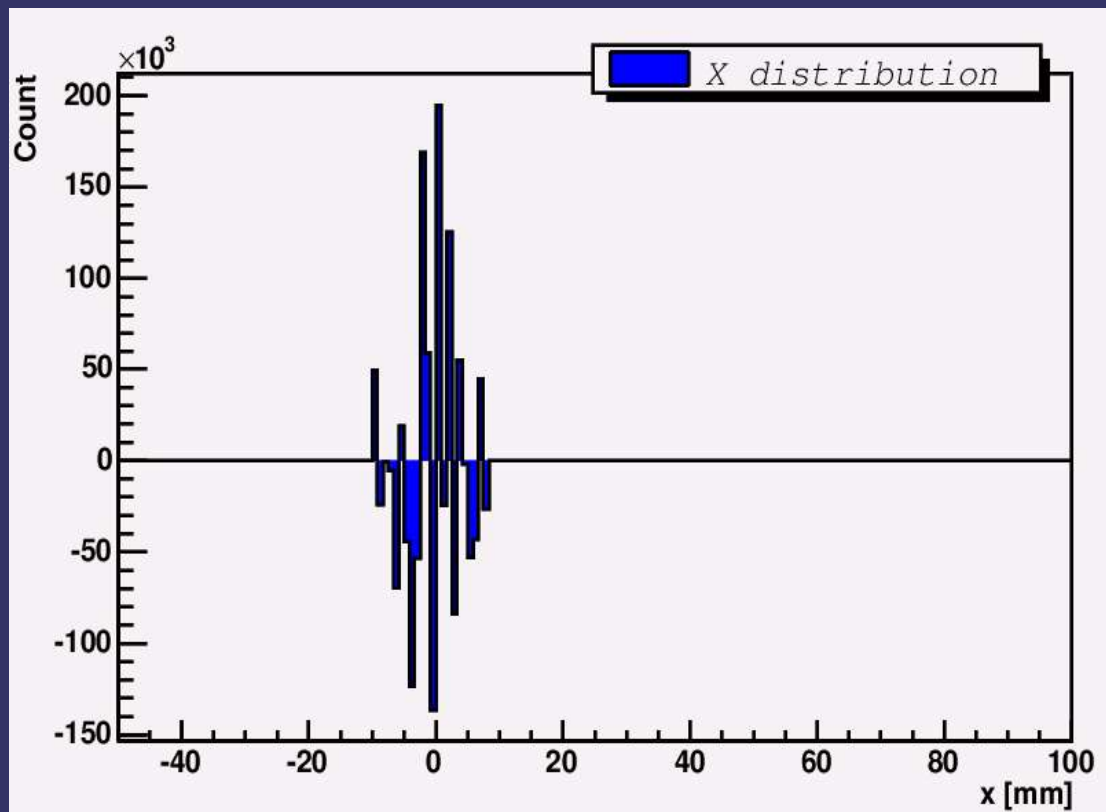
2.25 mm / 6 GeV

Differential Spectrum



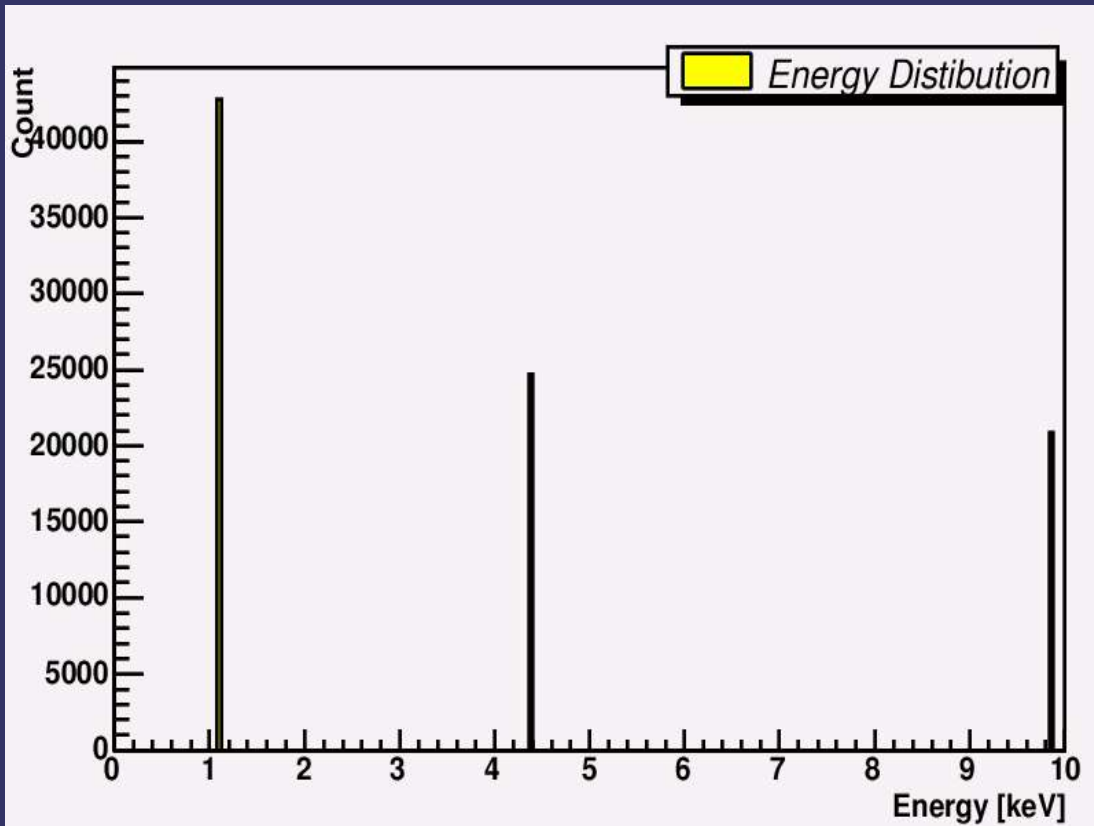
⇒ Width on half-height
~10mm

Differential Spectrum with weights



- ➔ Weight means energy of the photon at corresponding x coordinate

Energy Spectrum of low energy photons



- ➔ Quite different from obtained by K.Hiller

Next steps

- ⇒ Increase number of e-
- ⇒ Check the cut values
- ⇒ Study the influence of beampipe wall
- ⇒ Add more realistic magnetic field