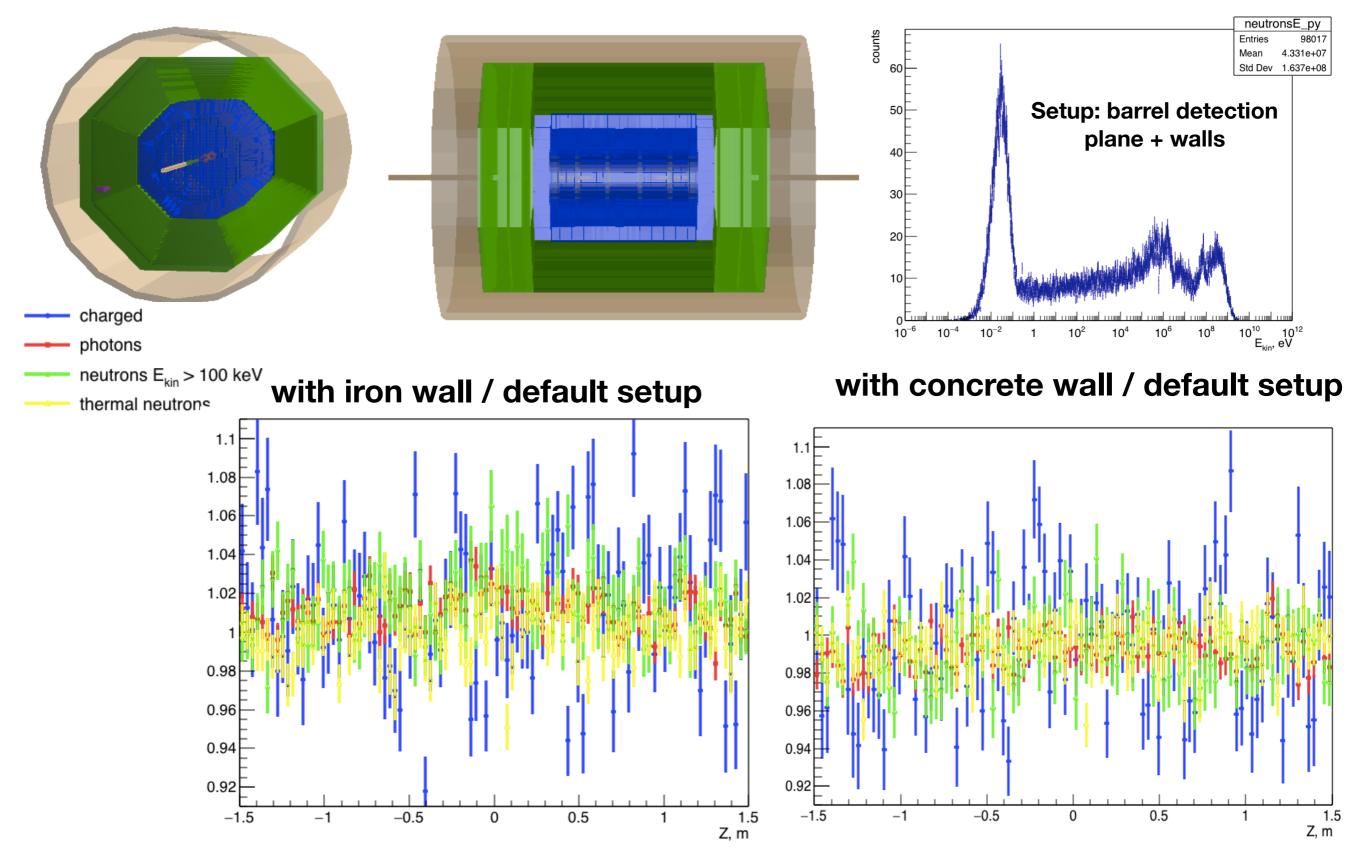
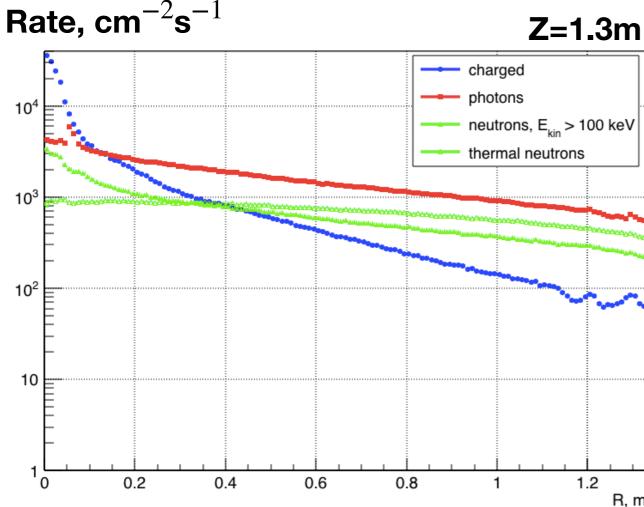
Particle flux density at NICA SPD

Gridin Andrei (JINR) 16.02.2022

Concrete / iron wall (20 cm)



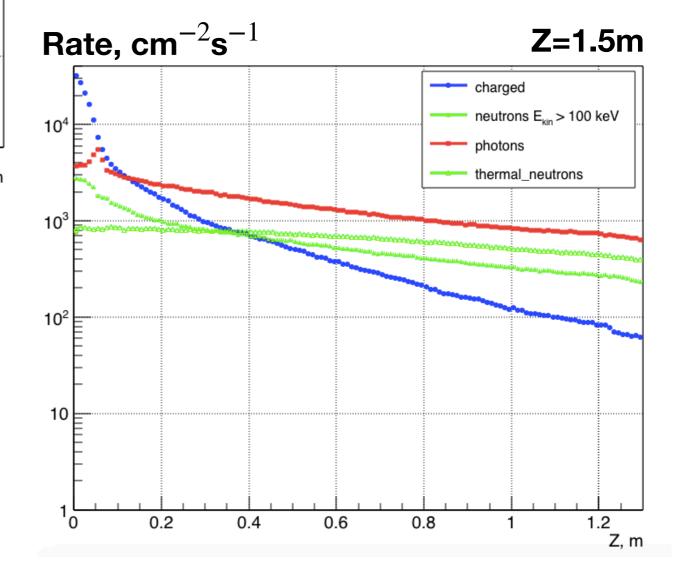
Flux density in endcaps



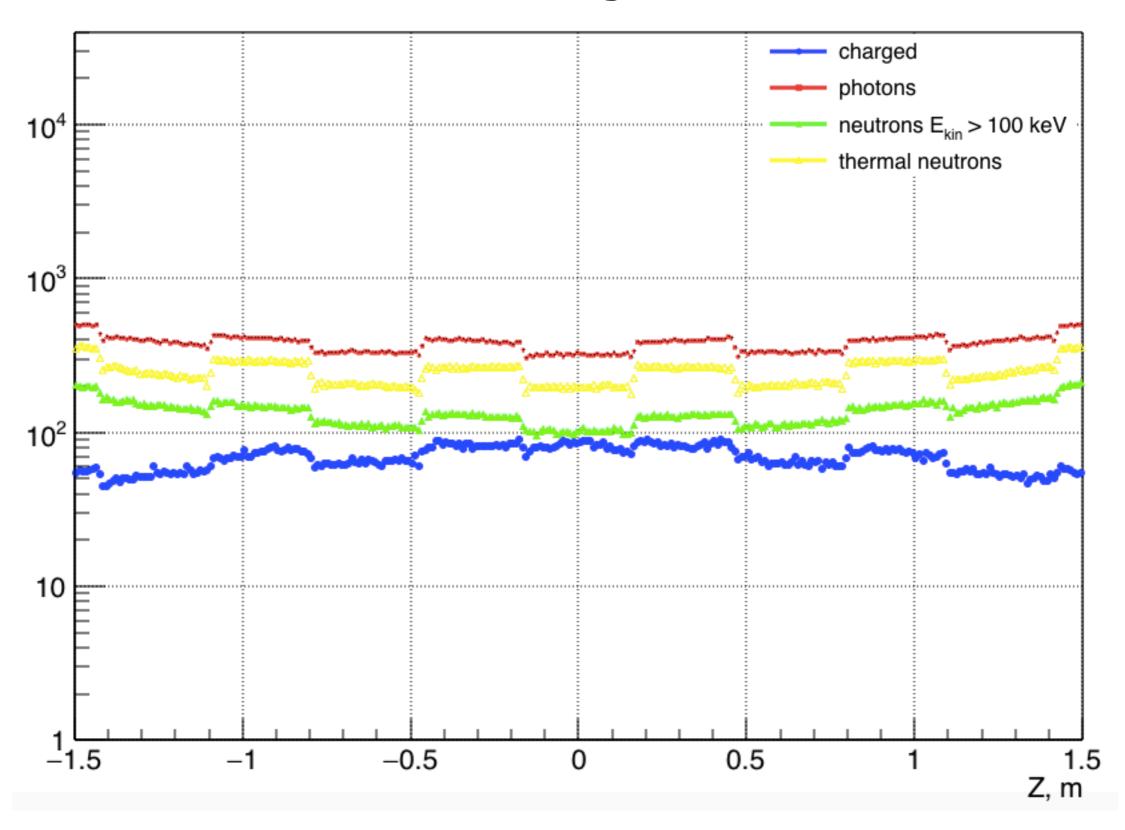
To be checked: the difference in thermal neutron flux could come from the new geometry (TOF, aerogel, beam-beam counter).

$$\sqrt{s} = 27 \ GeV$$

$$L = 10^{32} cm^{-2}s^{-1}$$



Flux density in barrel



Backup: plots from CDR

