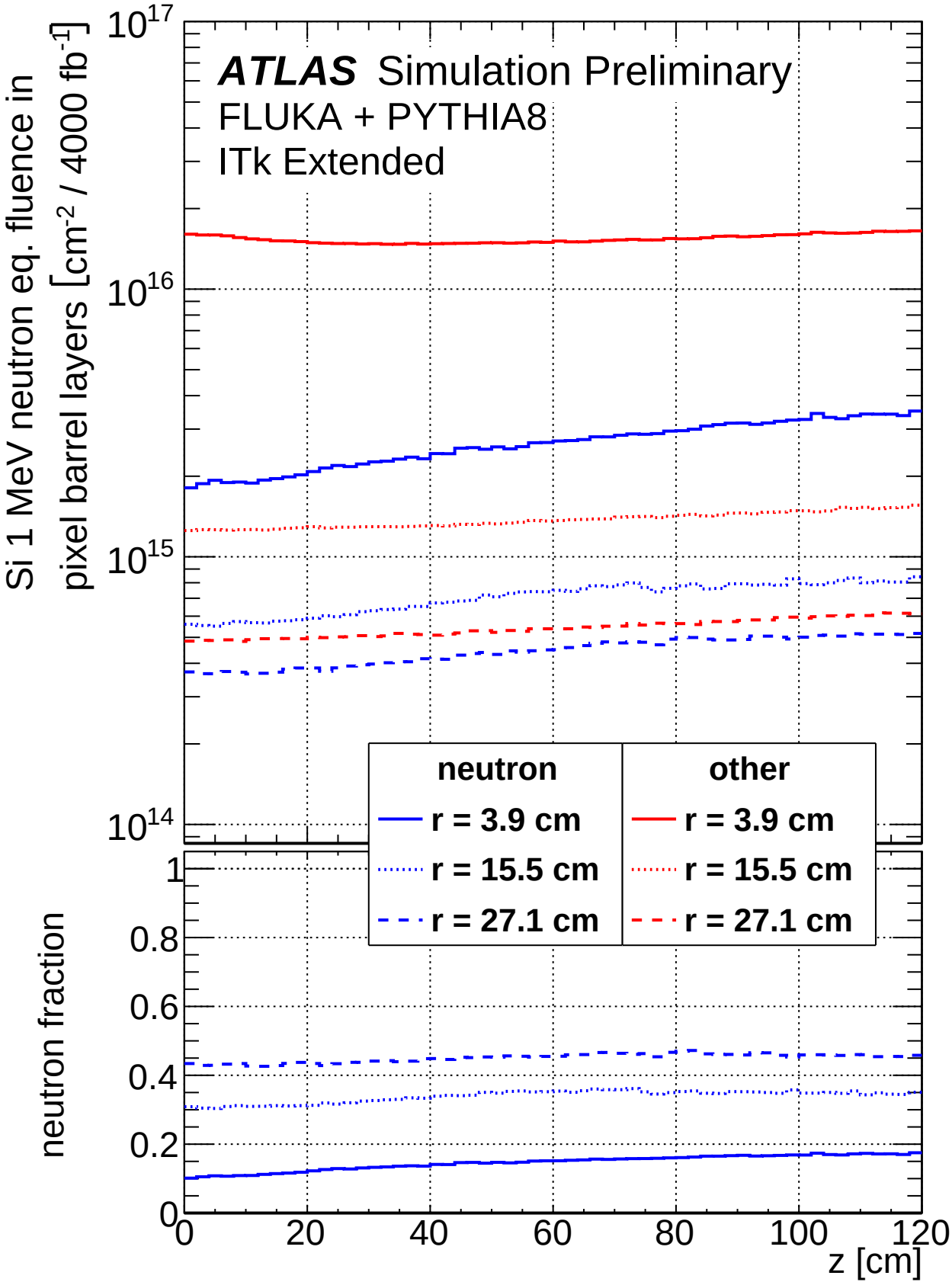
ATLAS Simulation Preliminary
FLUKA + PYTHIA8
ITk Extended
Si 1 MeV neutron eq. fluence in pixel barrel layers [cm-2 / 4000 fb-1]
neutron fraction
z [cm]
neutron
r = 3.9 cm
r = 15.5 cm
r = 27.1 cm
other
r = 3.9 cm
r = 15.5 cm
r = 27.1 cm