

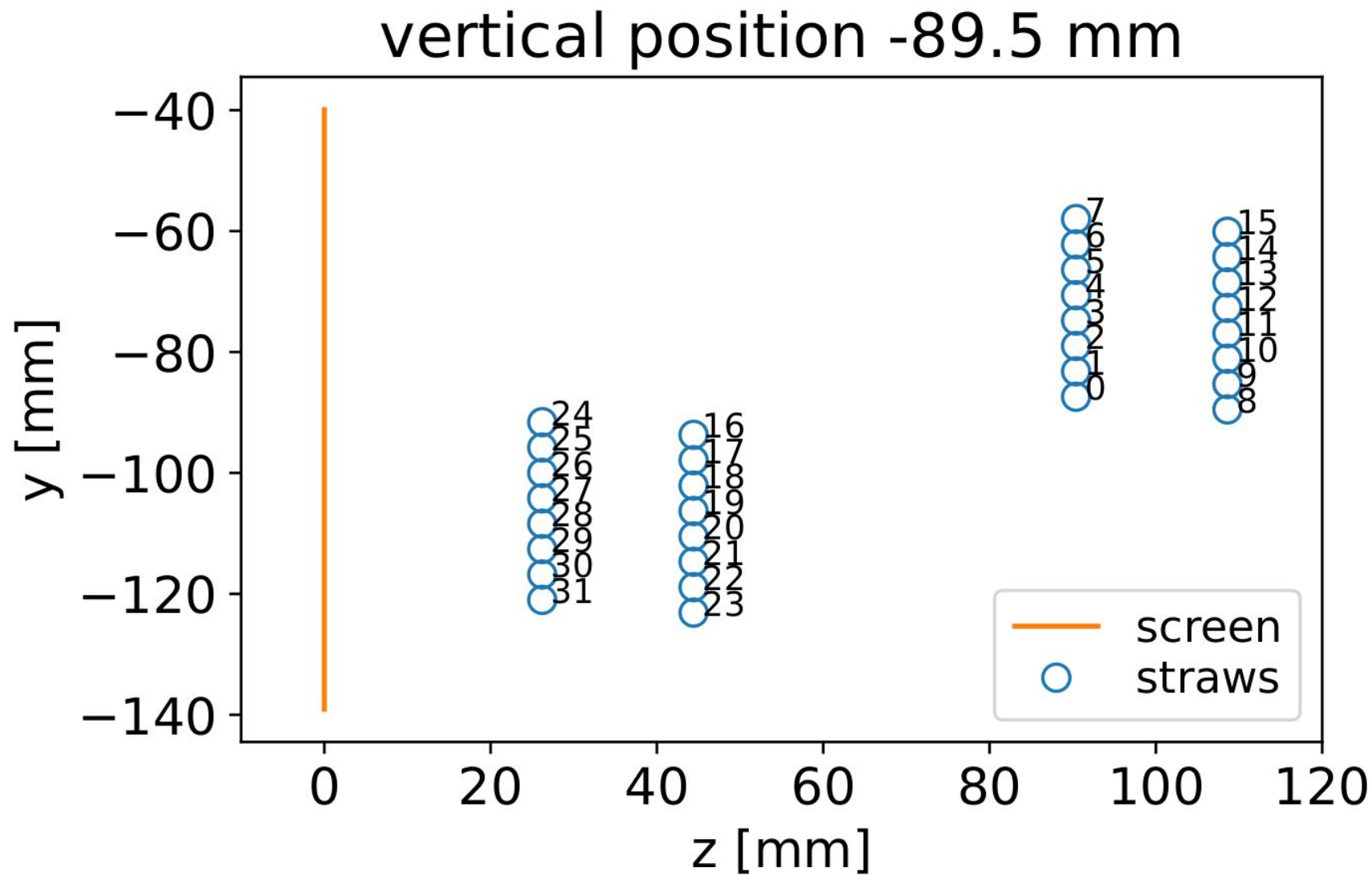
Status update: EDS@E320 Simulations

Antonios Athanassiadis on behalf of the EDS team

11.07.2025

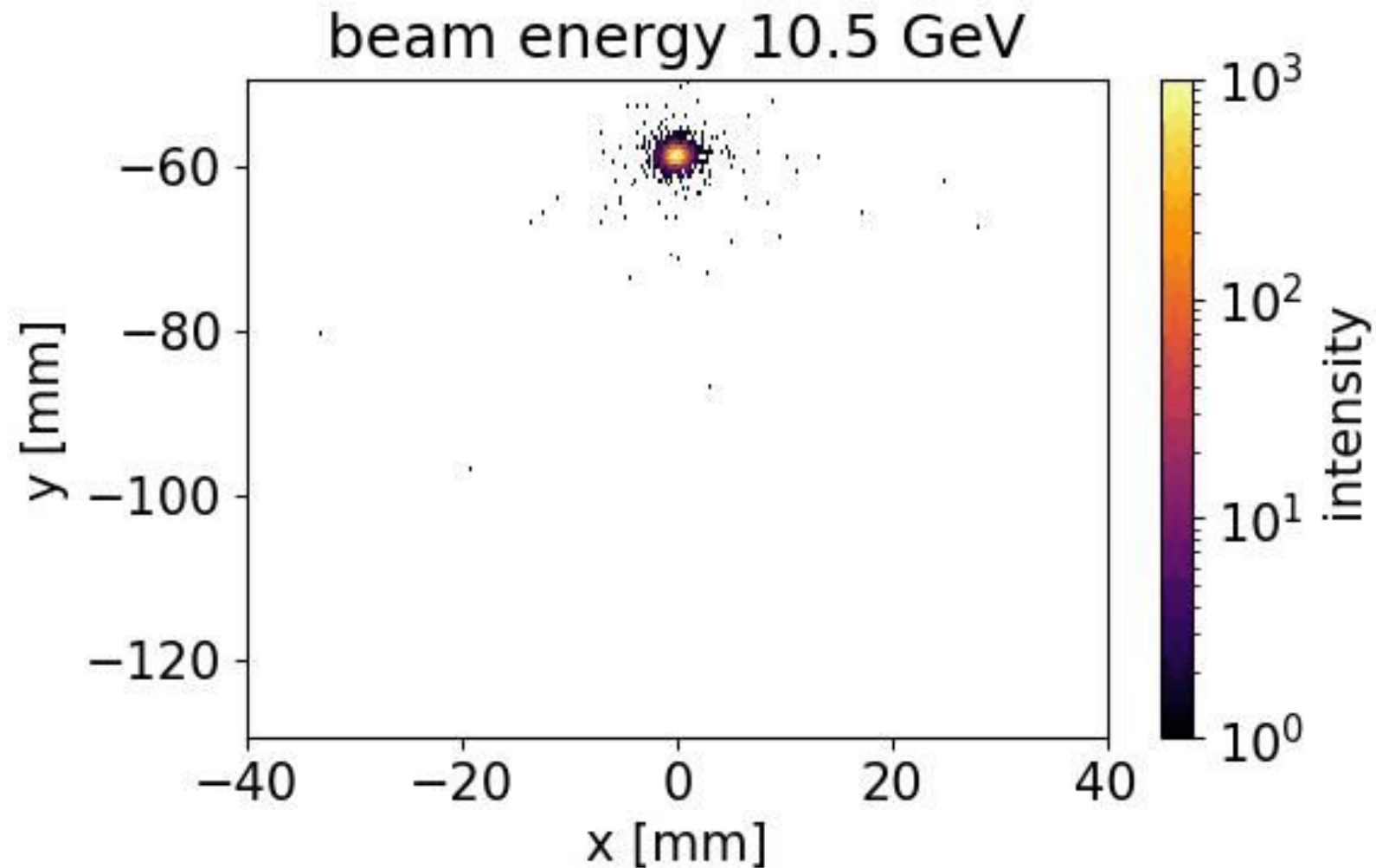
EDS Setup

Vertical Position at -89.5 mm



Pencil Beam – Energy Scan

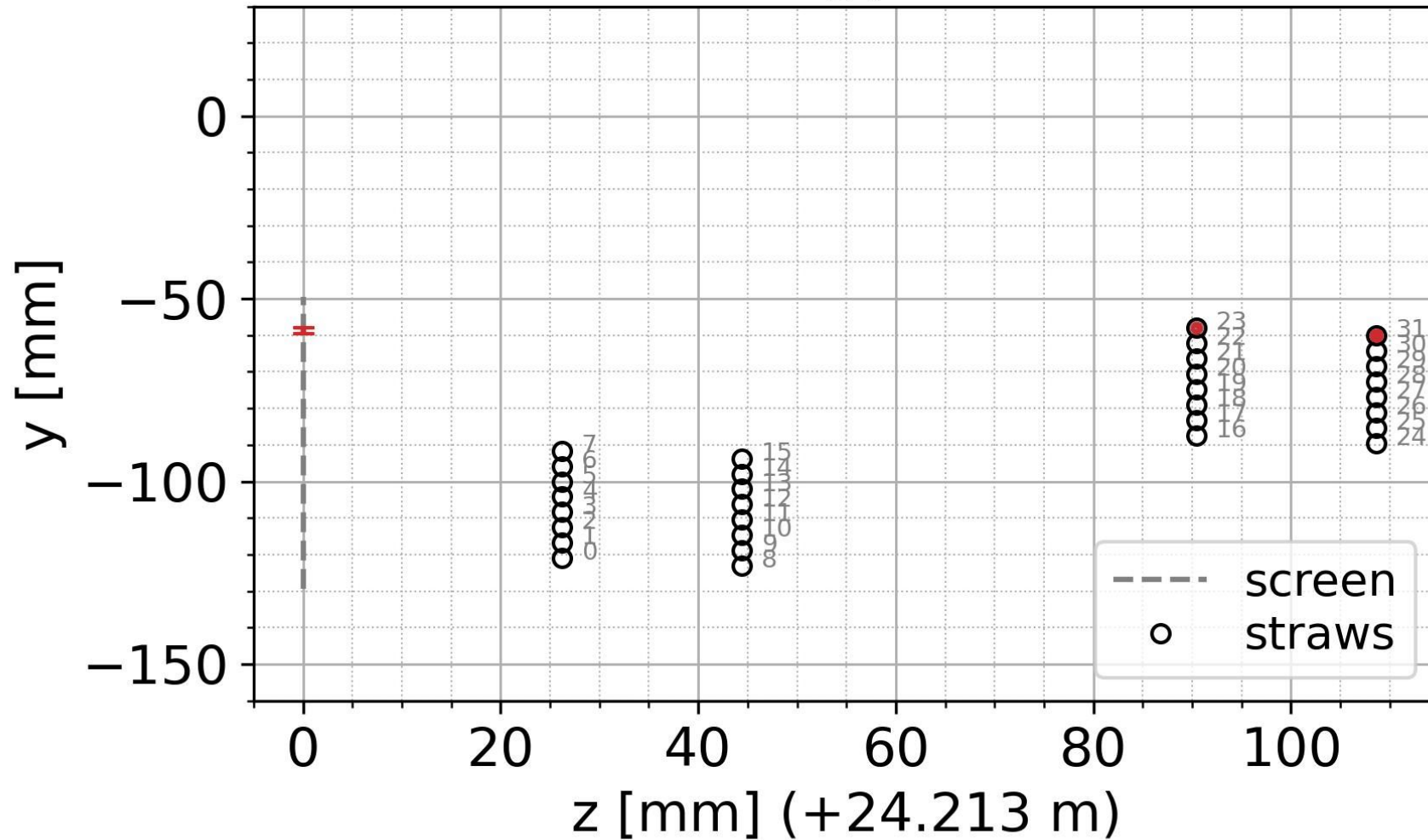
Screen Hits



Pencil Beam – Energy Scan

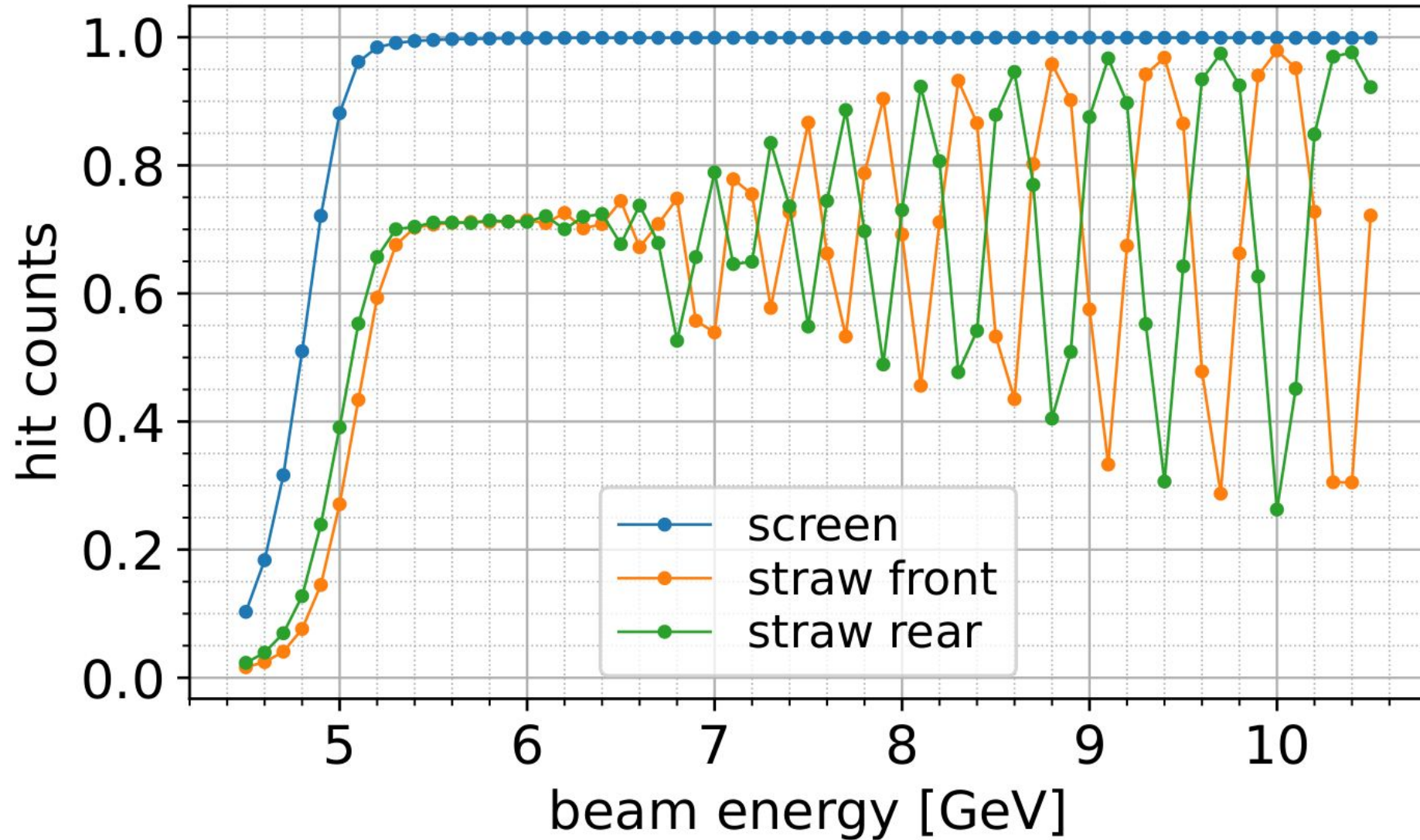
Event Display

beam energy 10.5 GeV



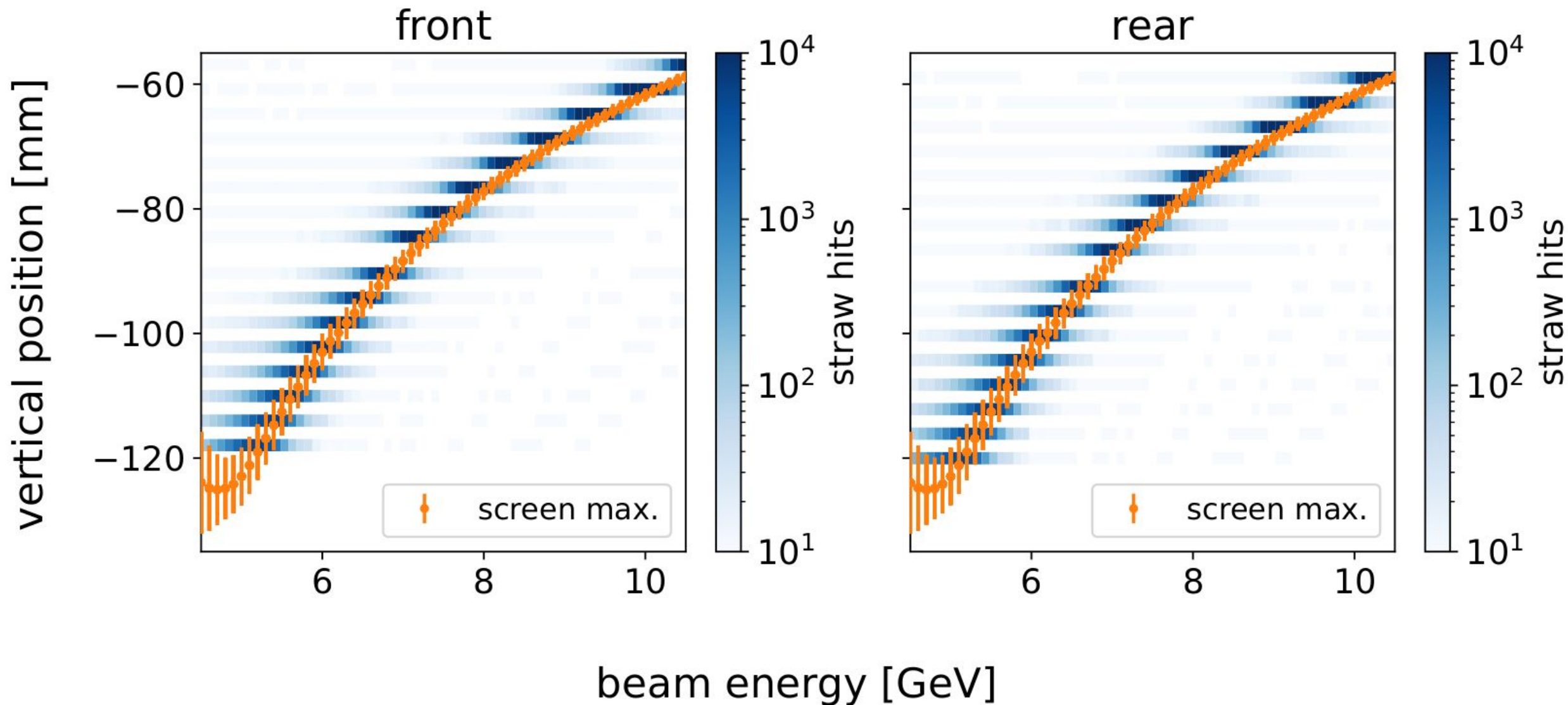
Pencil Beam – Energy Response Matrix

Total Primary Particle Hits



Pencil Beam – Energy Response Matrix

Primary Particle Hits per Energy per Straw



Pencil Beam – Energy Response Matrix

Two Beam Energies

