



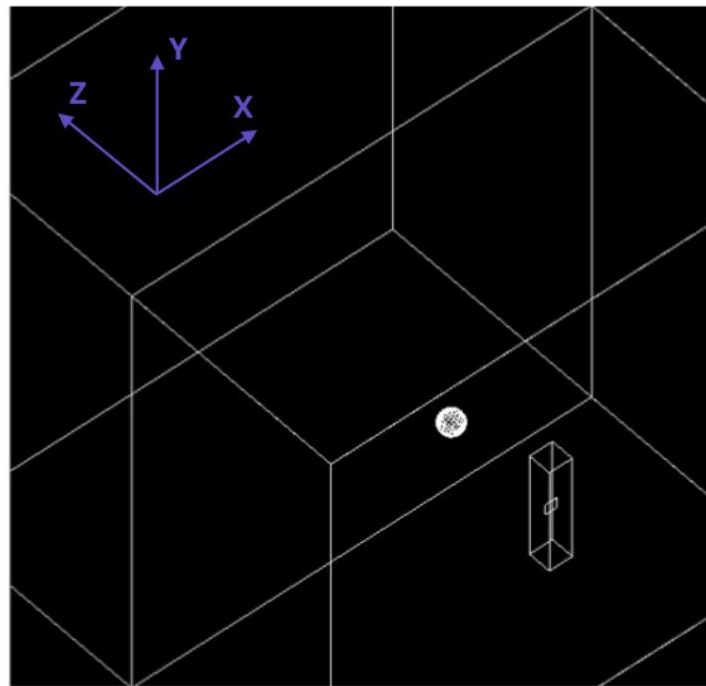
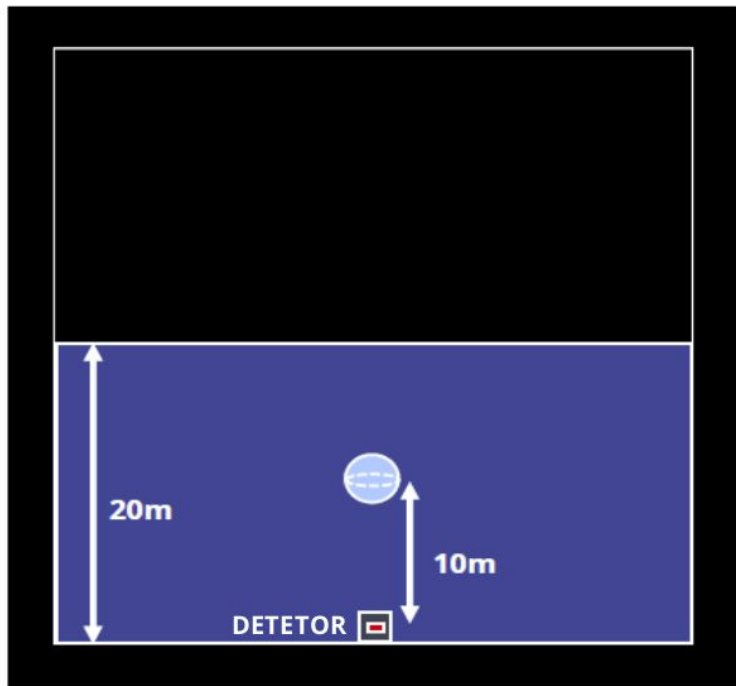
Muography: Simulation of Muon Telescope Sensitivity

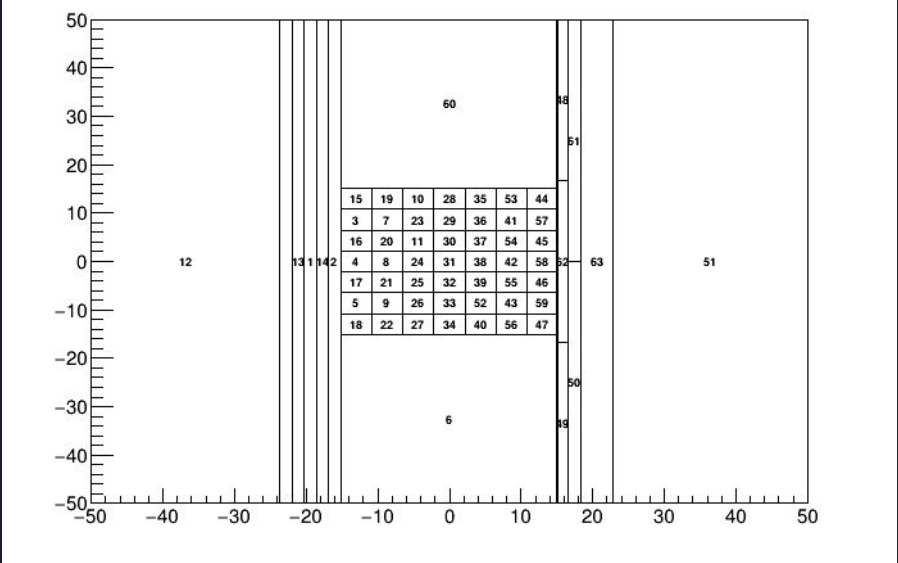
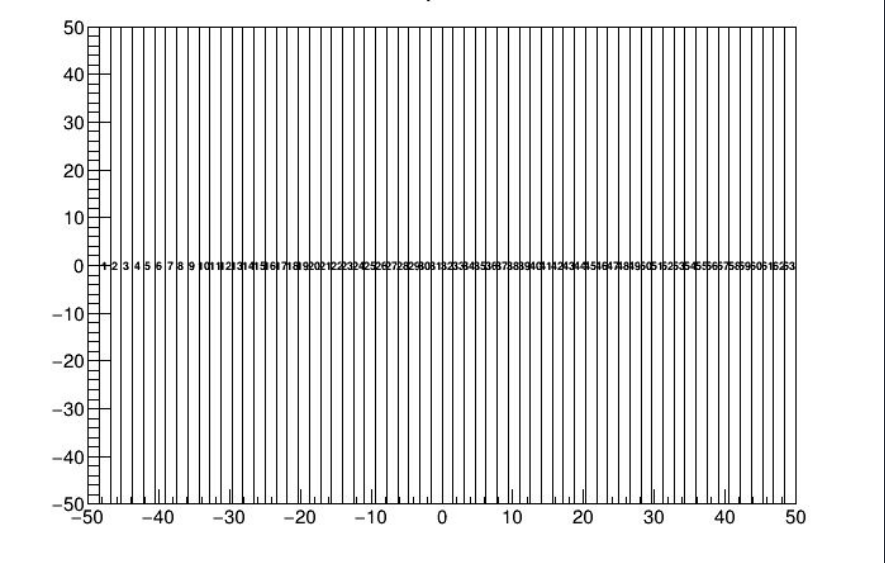
Isabel Alexandre

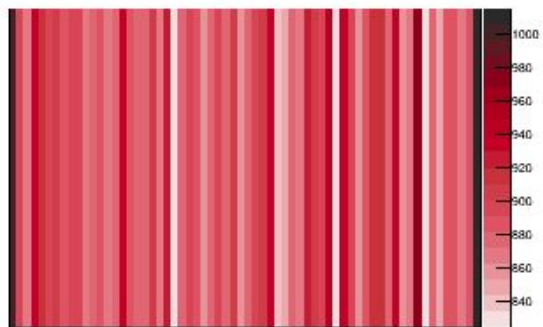
Pedro Teixeira
Raul Sarmento
Sofia Andringa



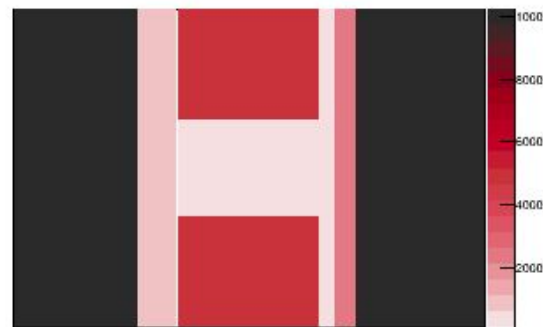




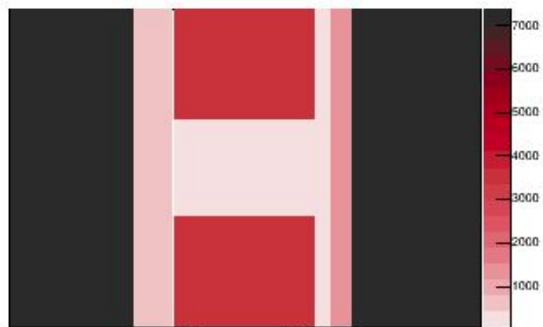




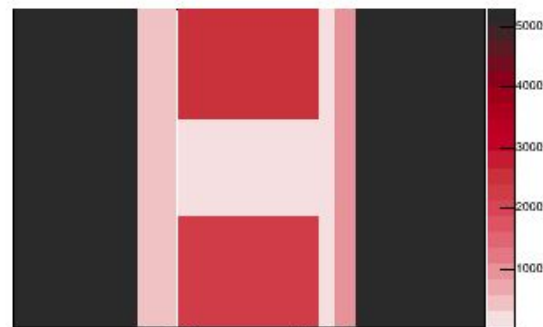
Plano 0



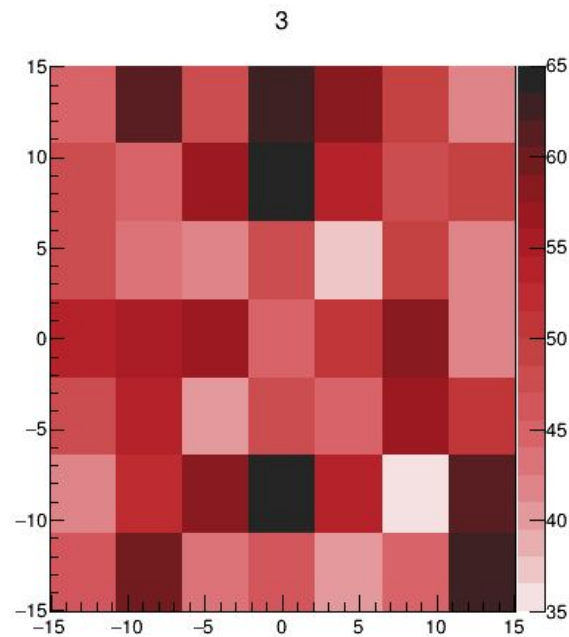
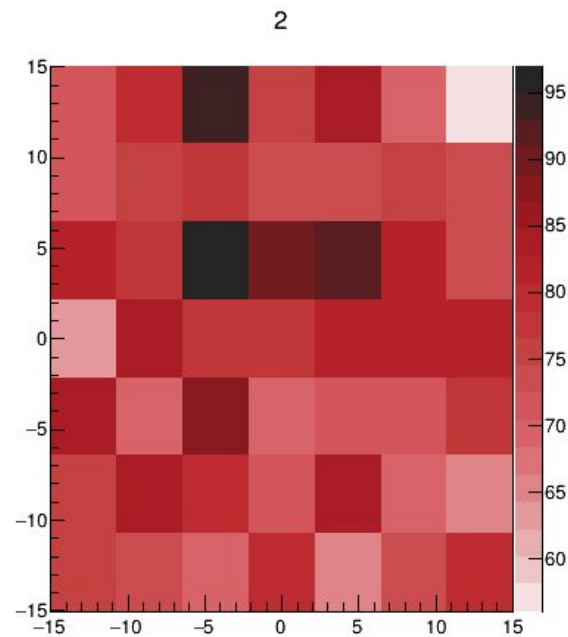
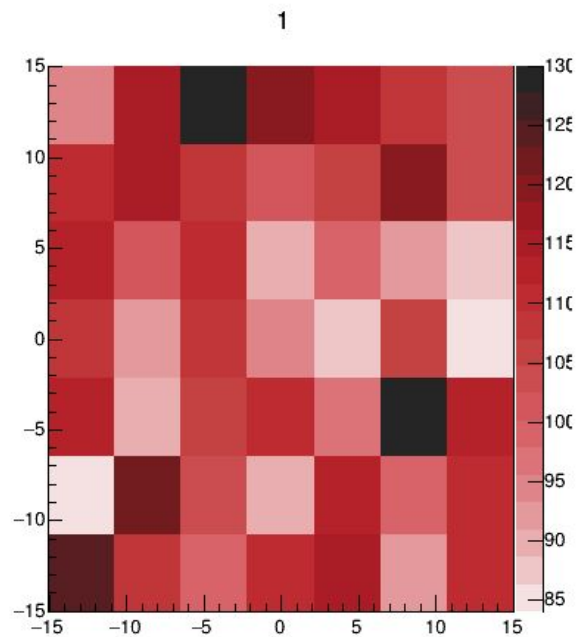
Plano -10



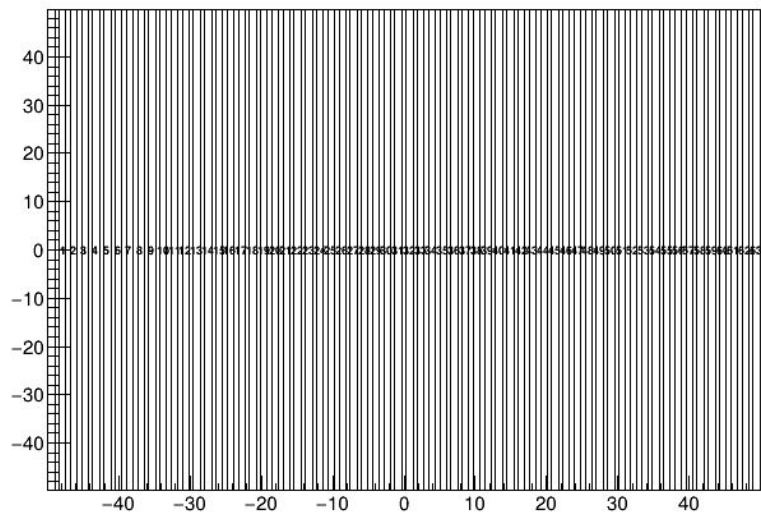
Plano -20



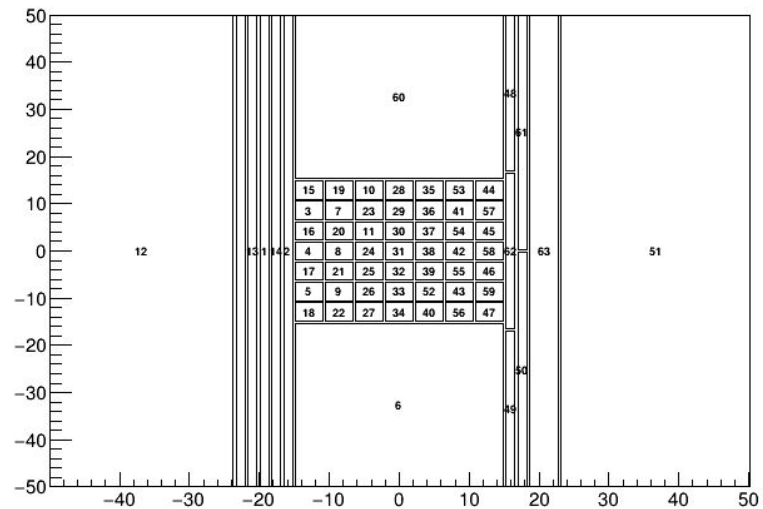
Plano -30

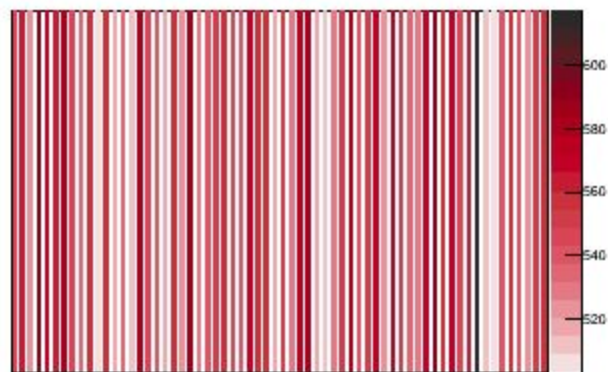


Map0

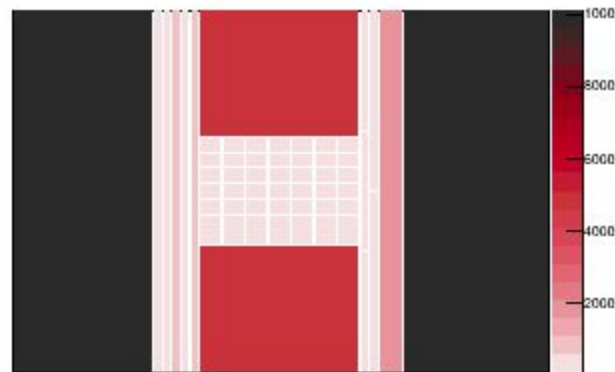


Map123

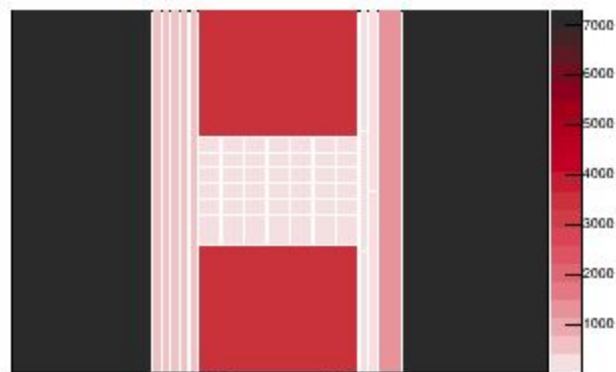




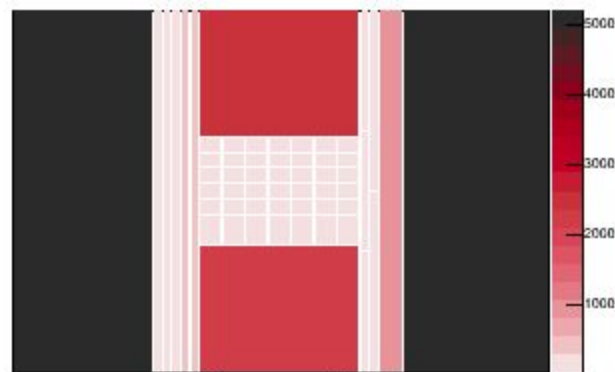
Plano 0



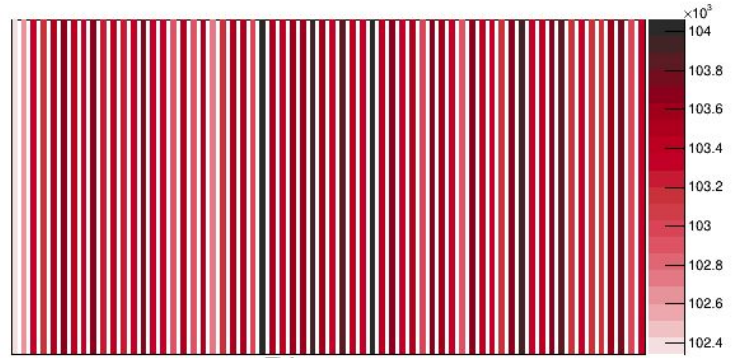
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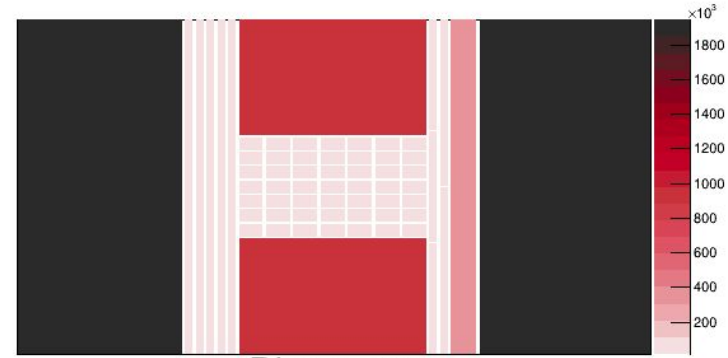
Plano -20



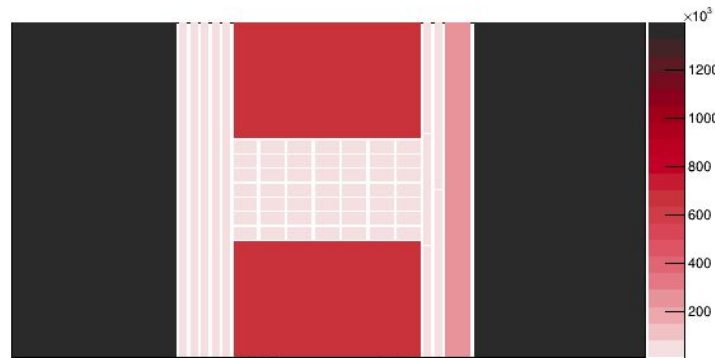
Plano -30



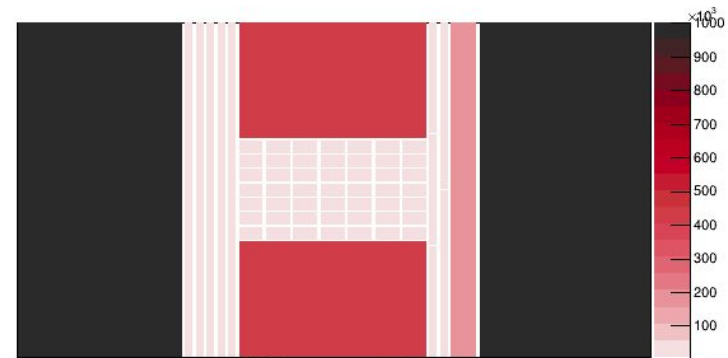
Plano 0



Plano -10



Plano -20



Plano -30



Data simulated	Vertical Trajectory	All Trajectories
1 hour worth of muons, 30,0 cm spacing between planes and without the correct geometry	100%	100%
1 hour worth of muons, 30,0 cm spacing between planes and with the correct geometry	100%	74%
8 days worth of muons, 14,5 cm spacing between planes and with the correct geometry	100%	77%
8 days worth of muons, 33,5 cm spacing between planes and with the correct geometry	100%	77%

Map of directions:

