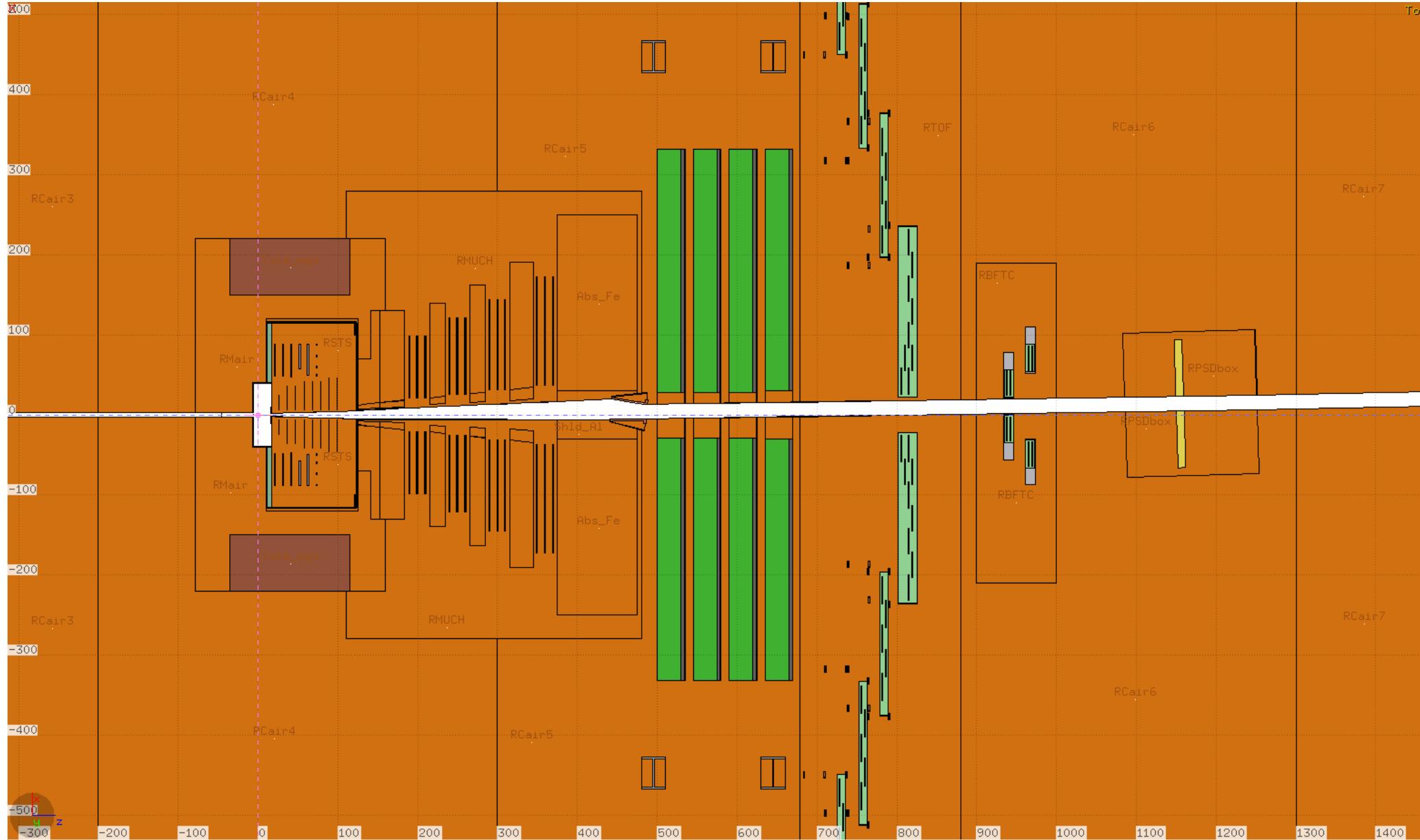


FSD FLUKA Simulations

Ondřej Hofman

Geometry – Au+Au @ 11 AGeV

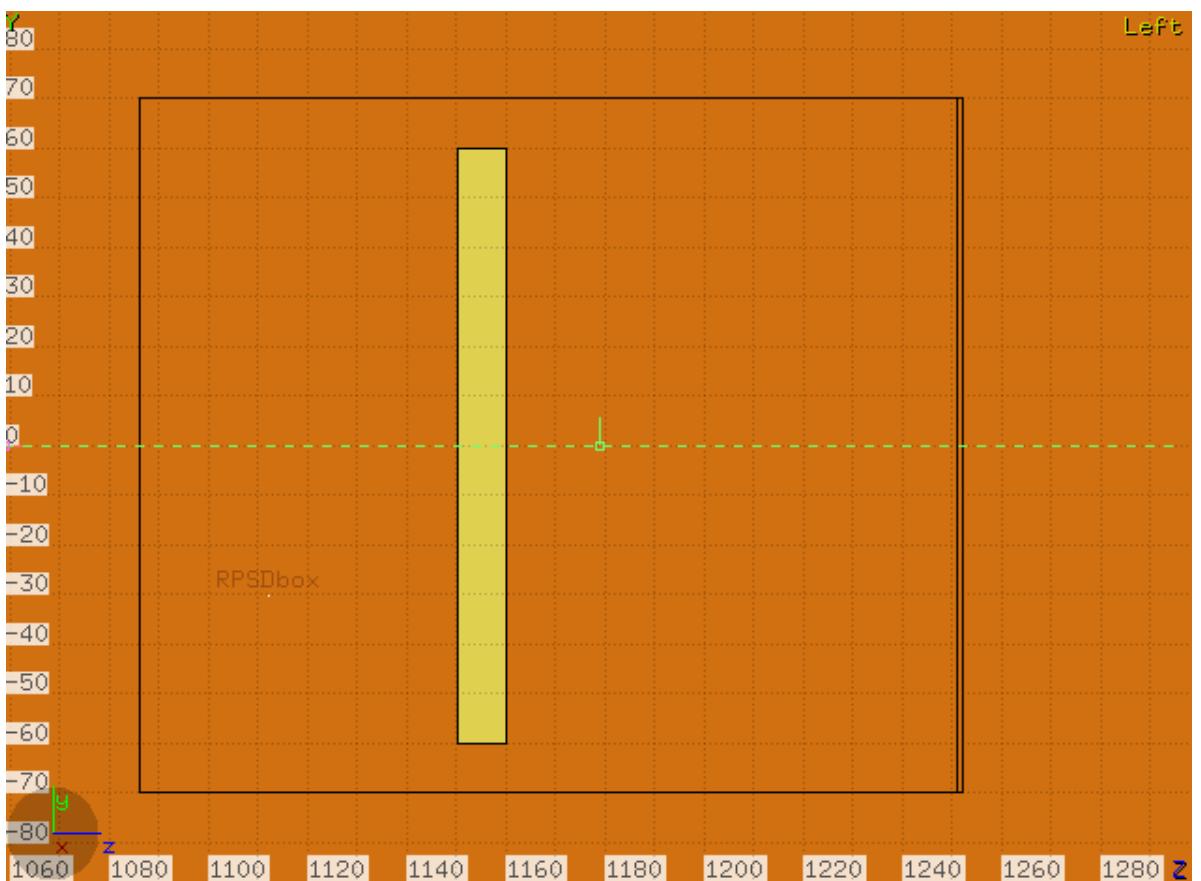


Geometry - FSD

Top view

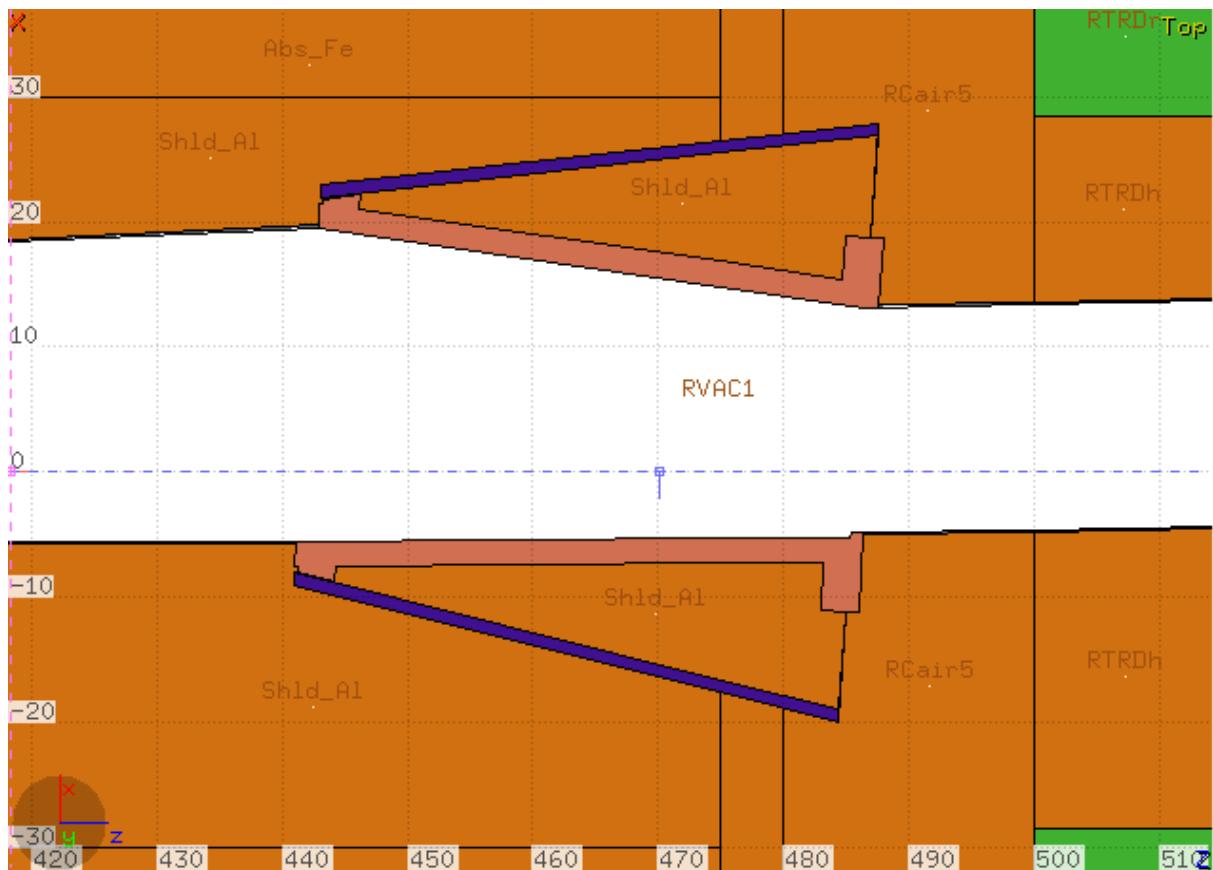


Side view

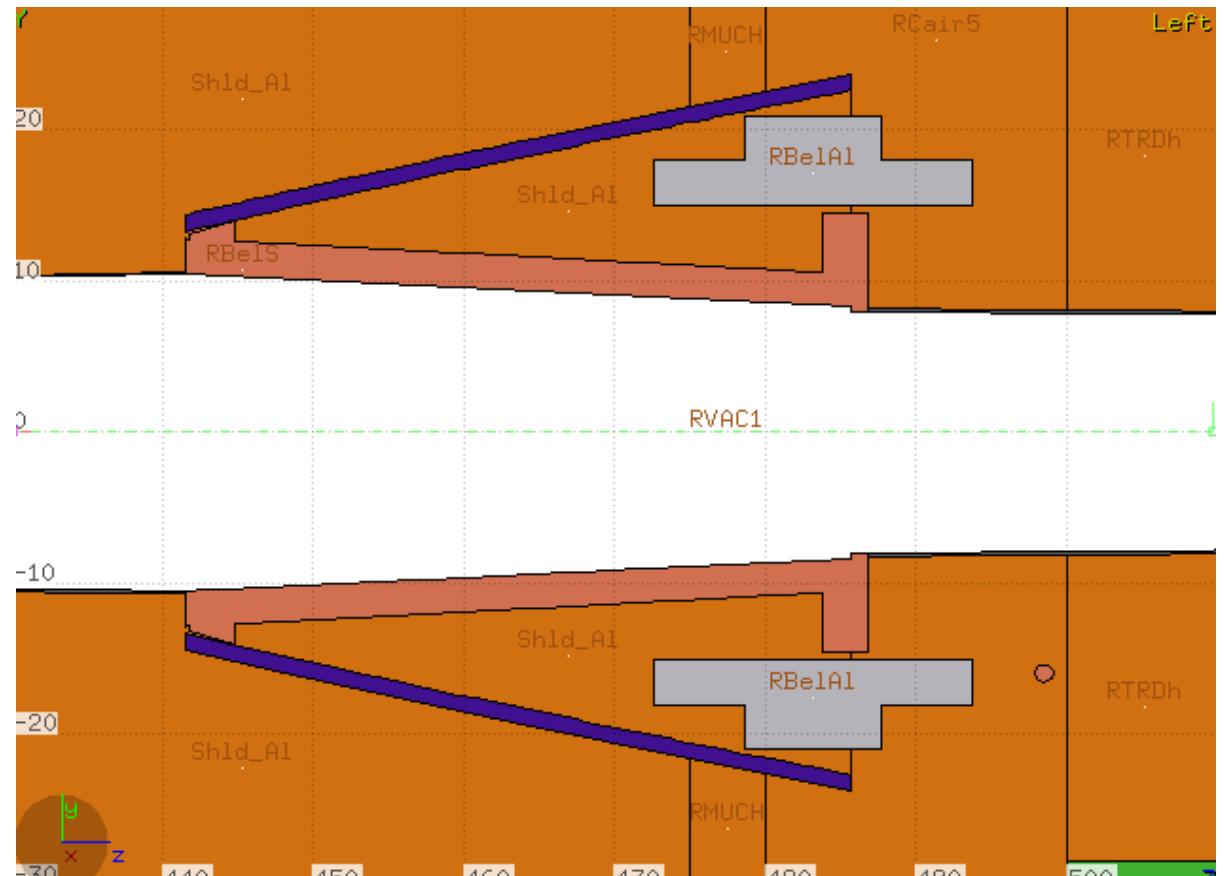


Geometry - bellow

Top view

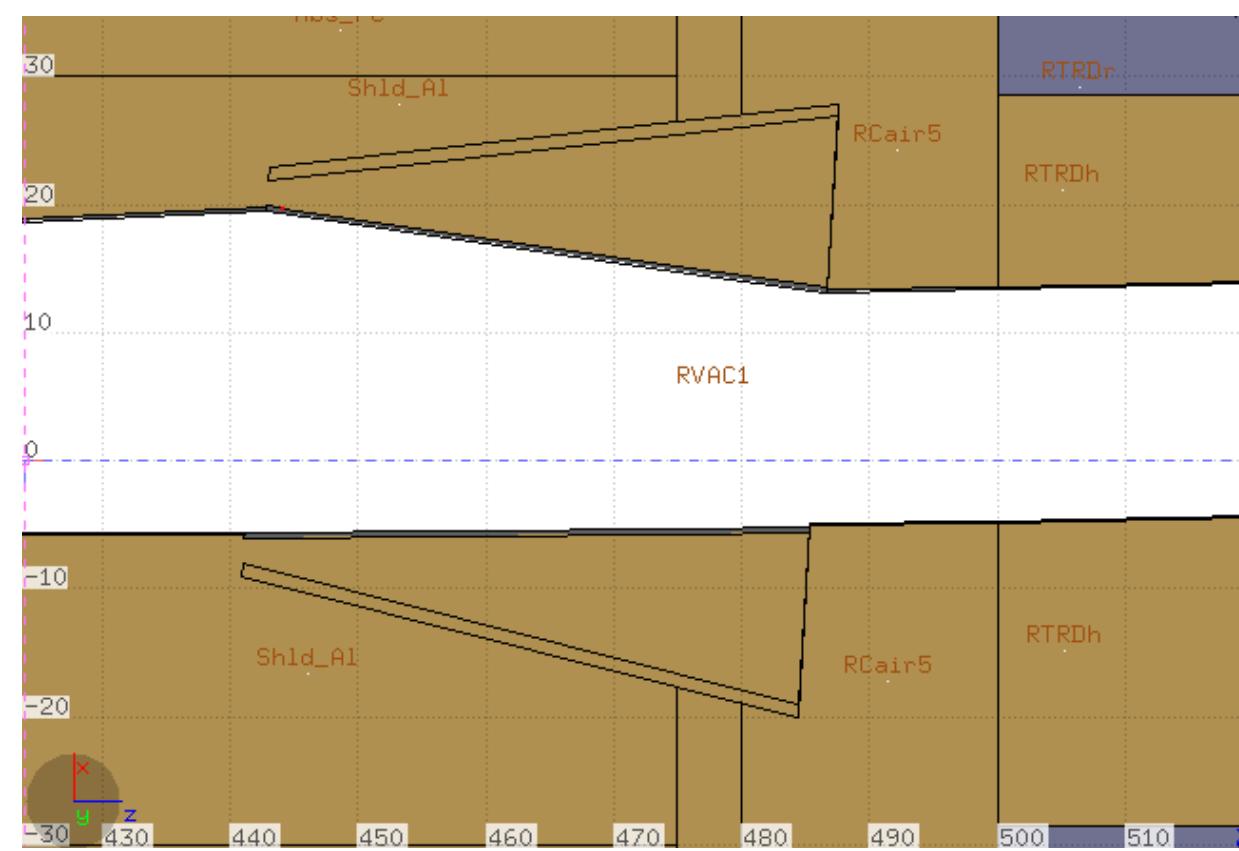


Side view

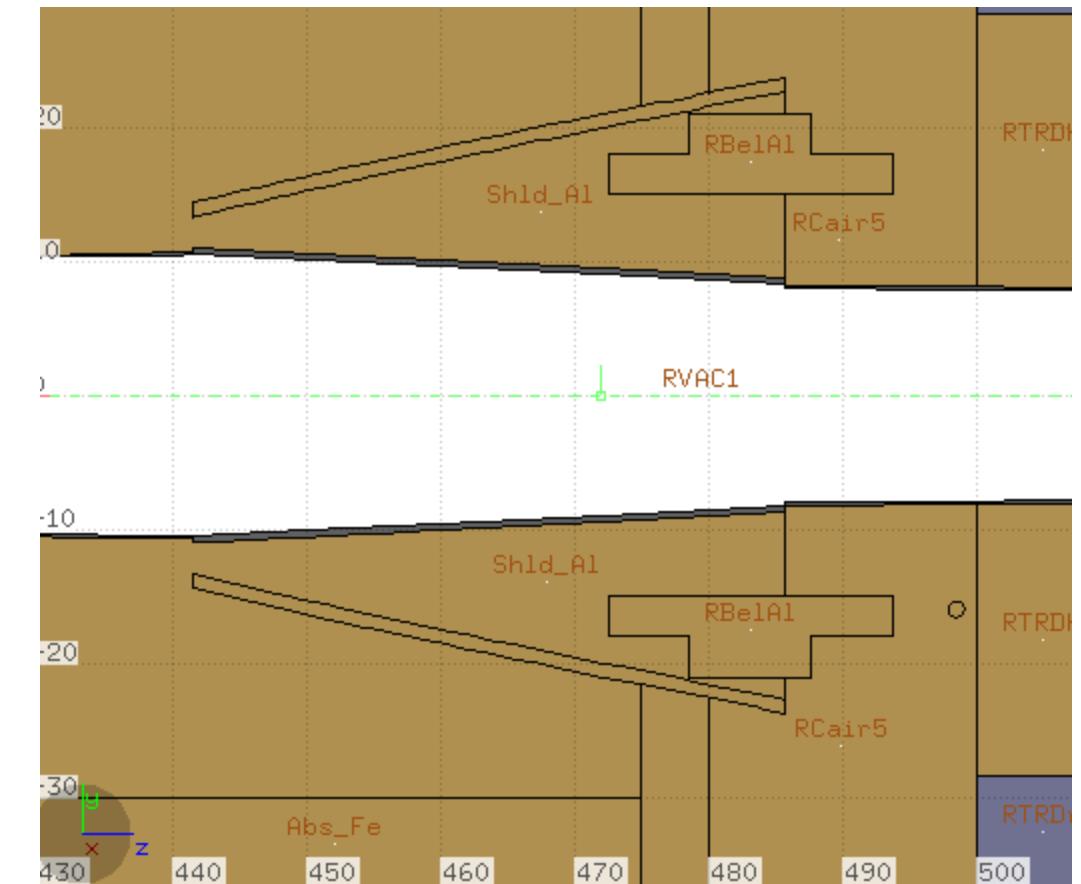


Geometry – without bellow

Top view



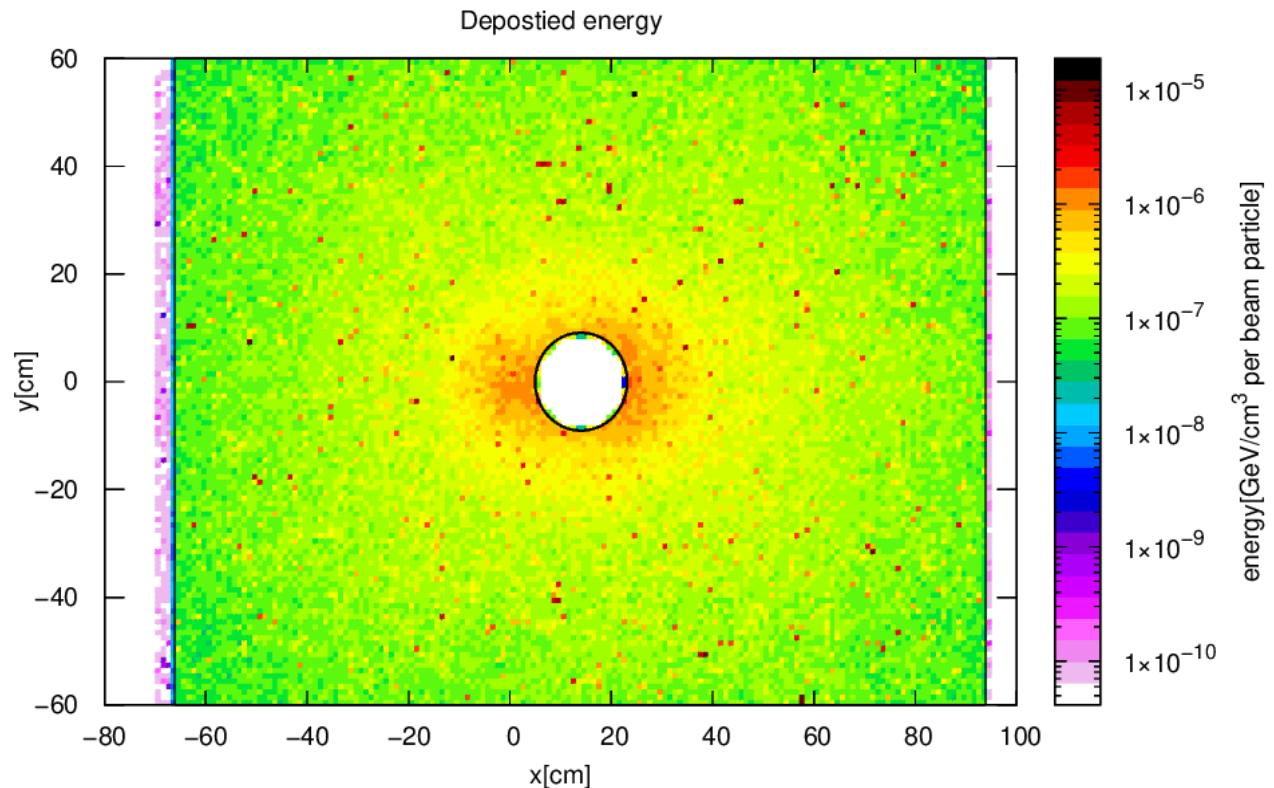
Side view



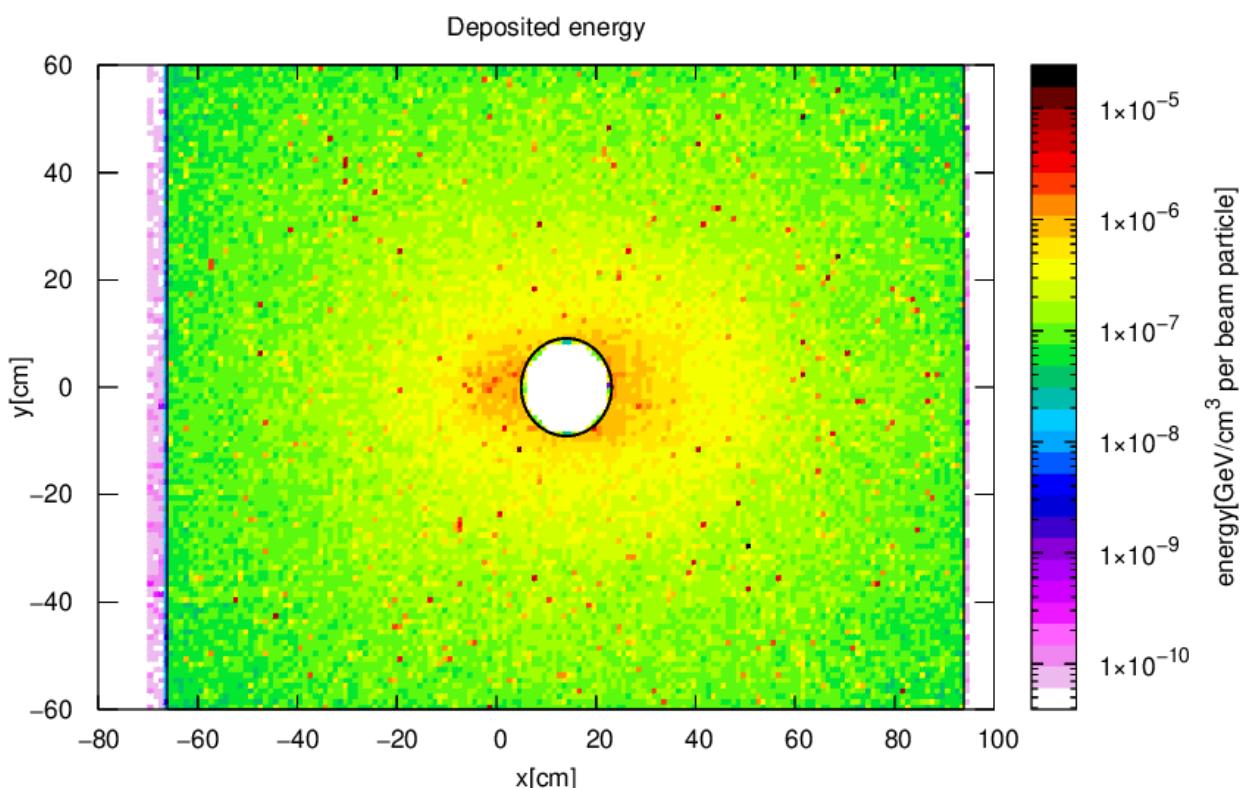
Results – energy

1M primary particles

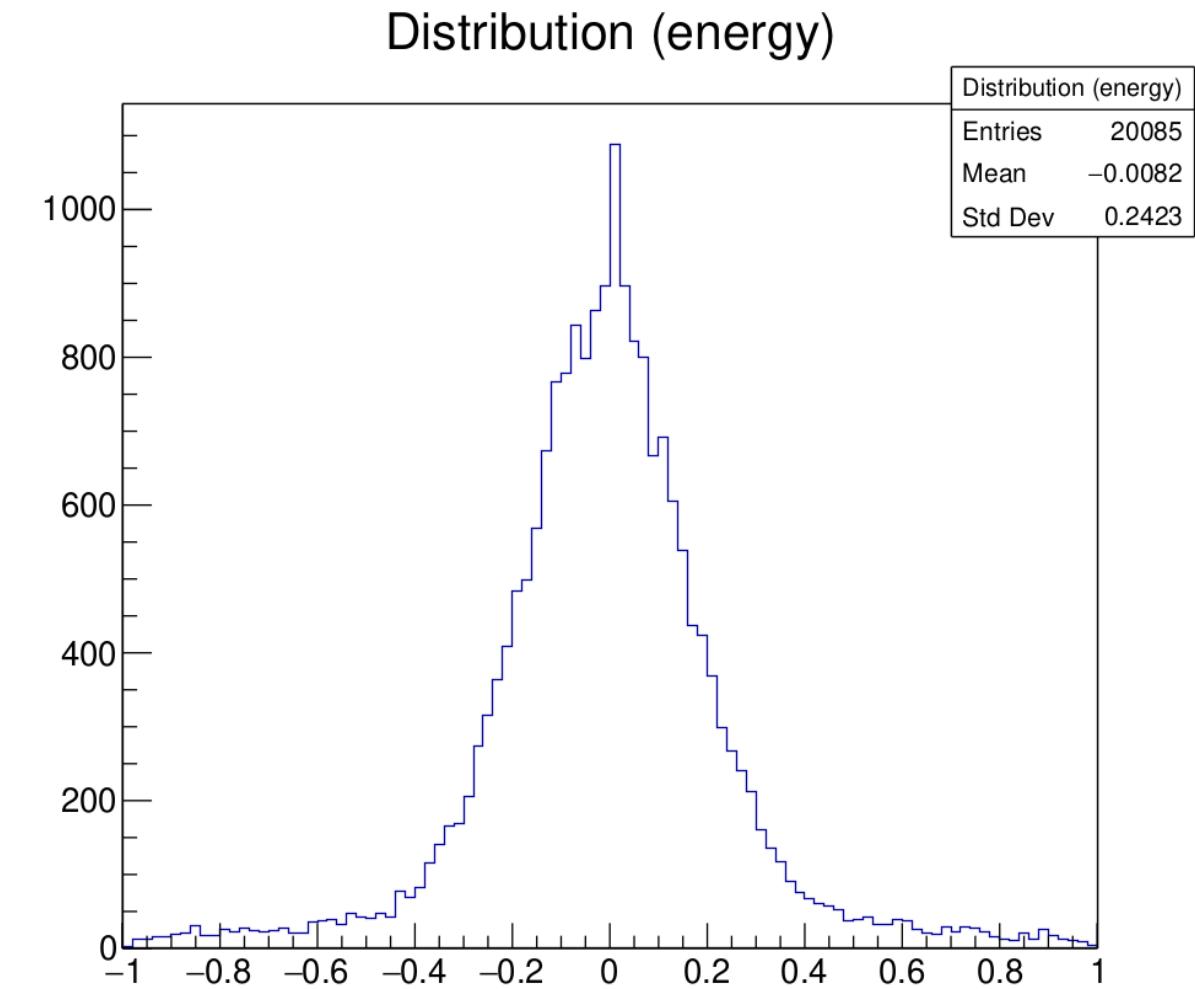
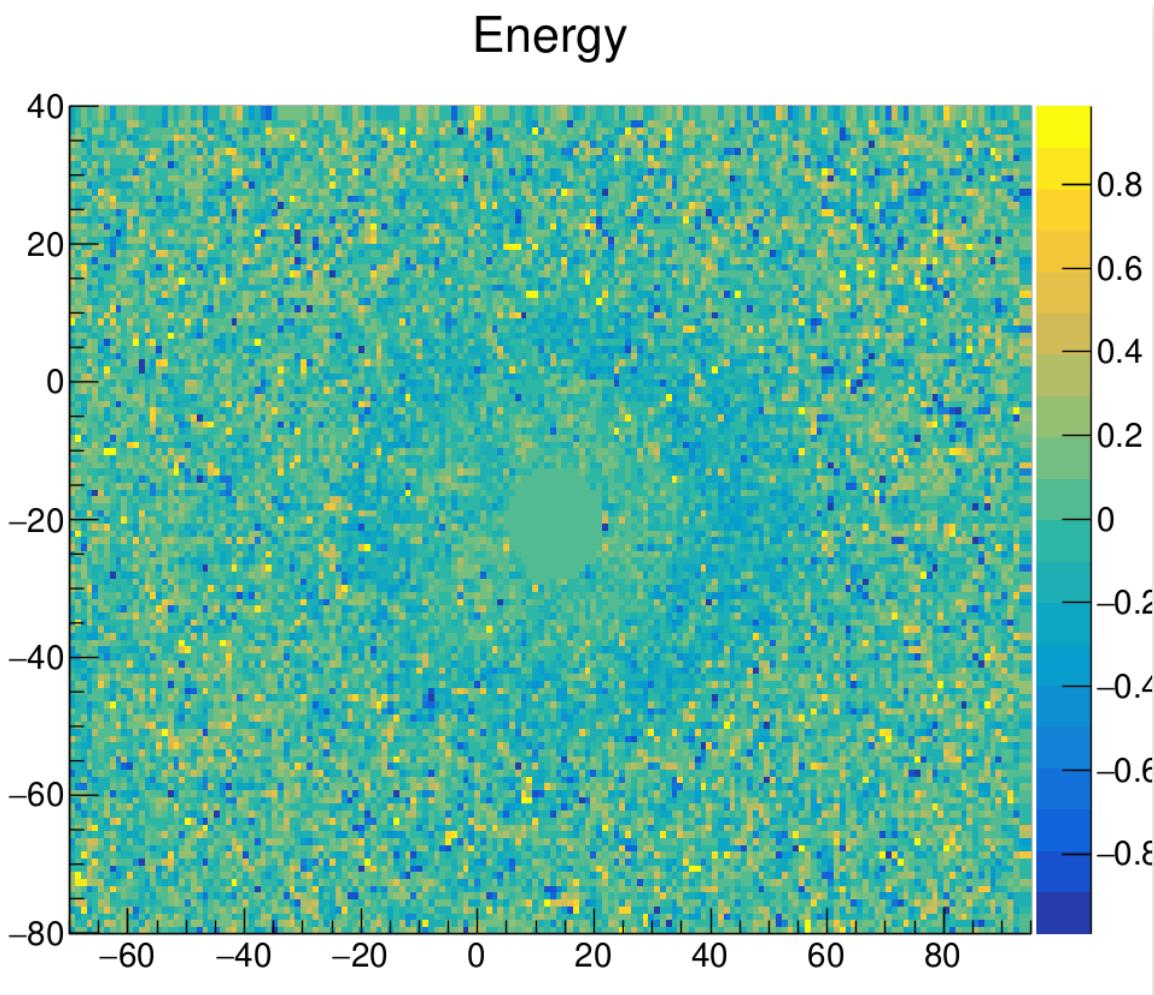
With bellow



Without bellow



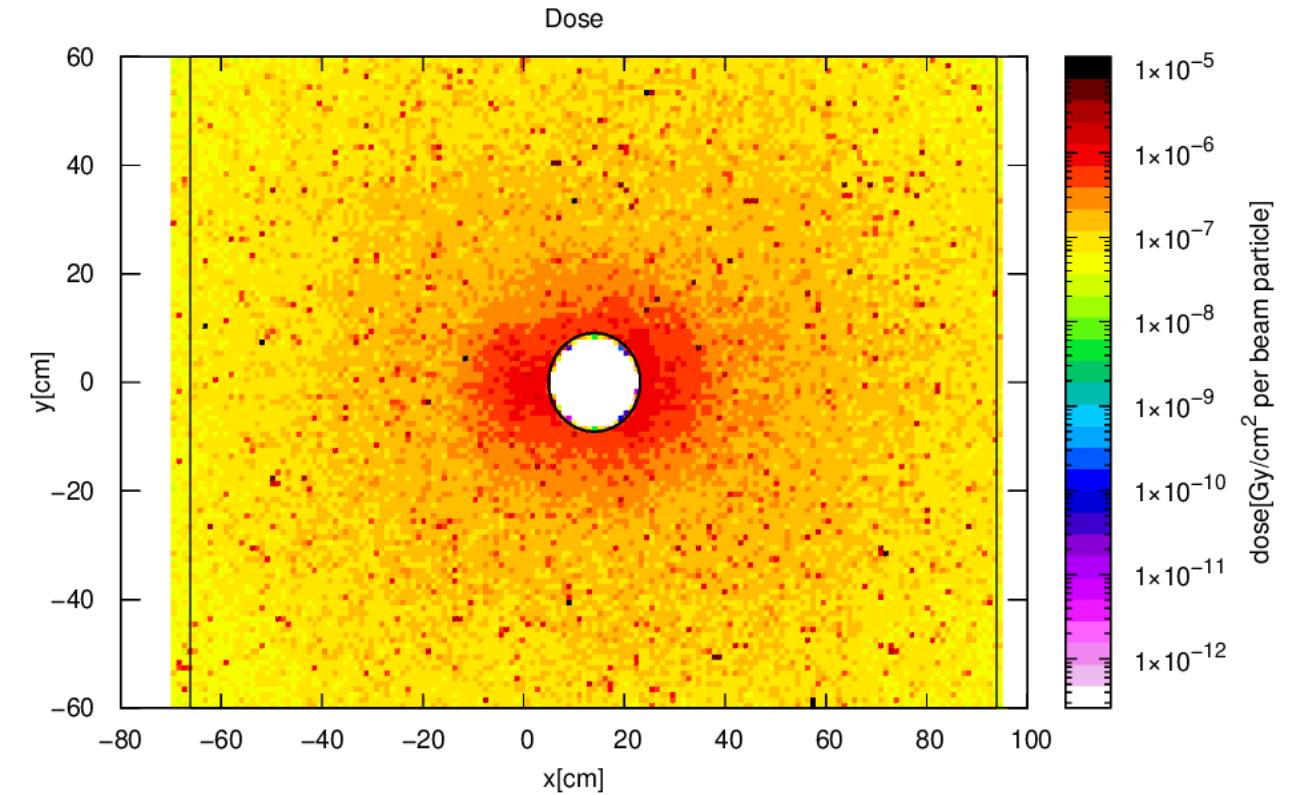
Subtracted histograms – energy



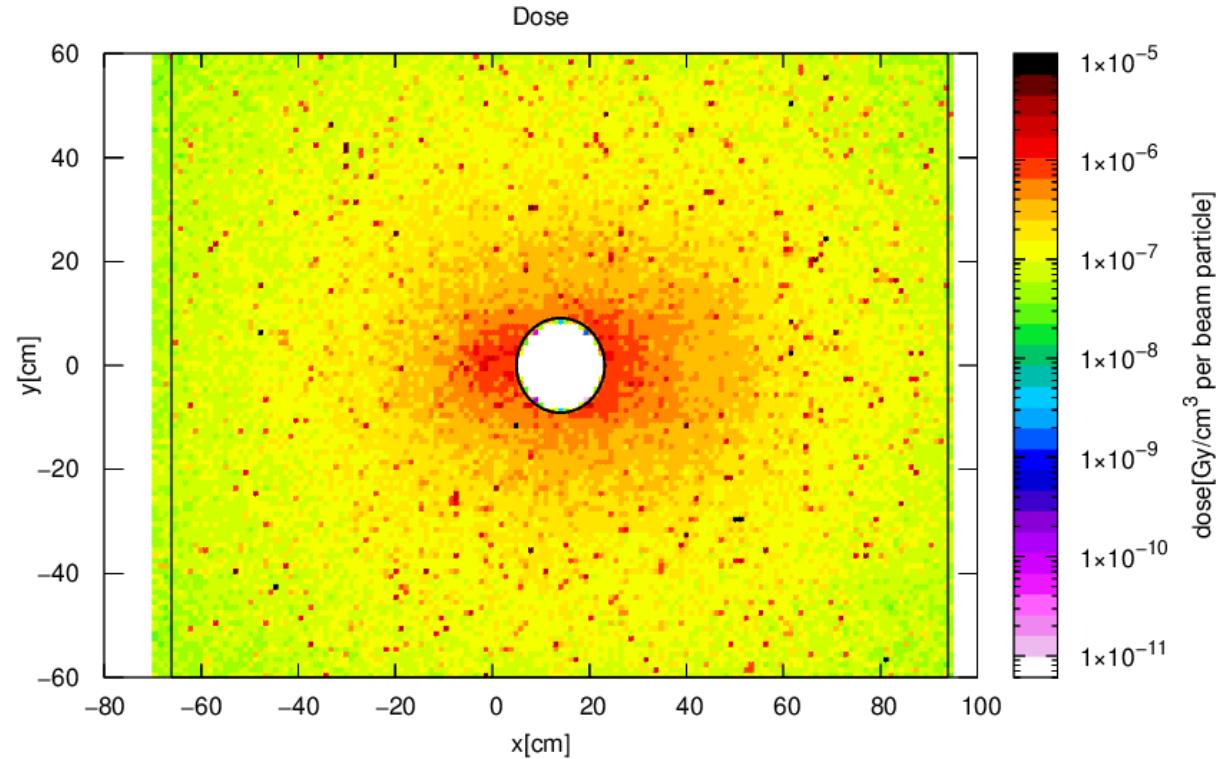
Results – dose

1M primary particles

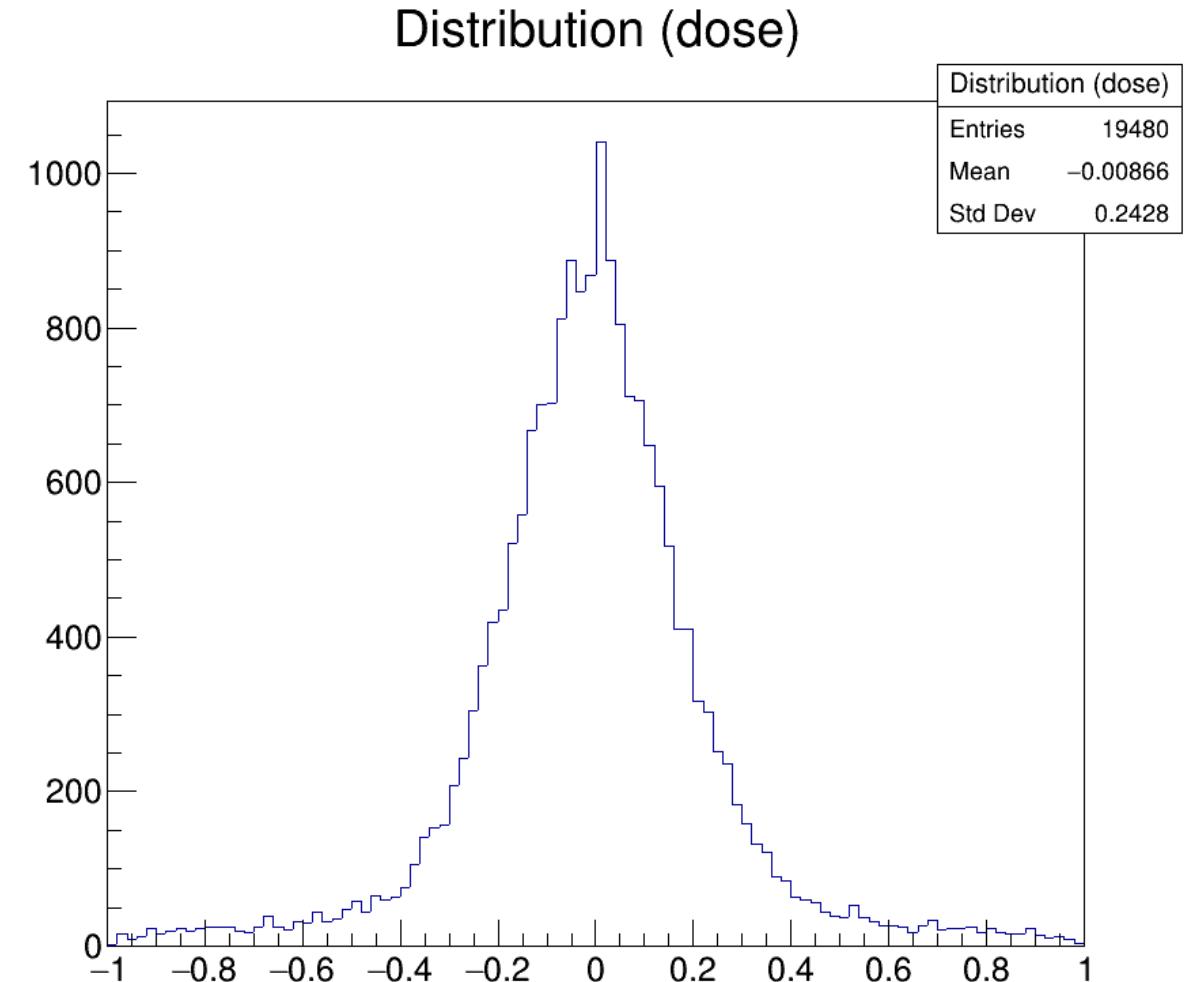
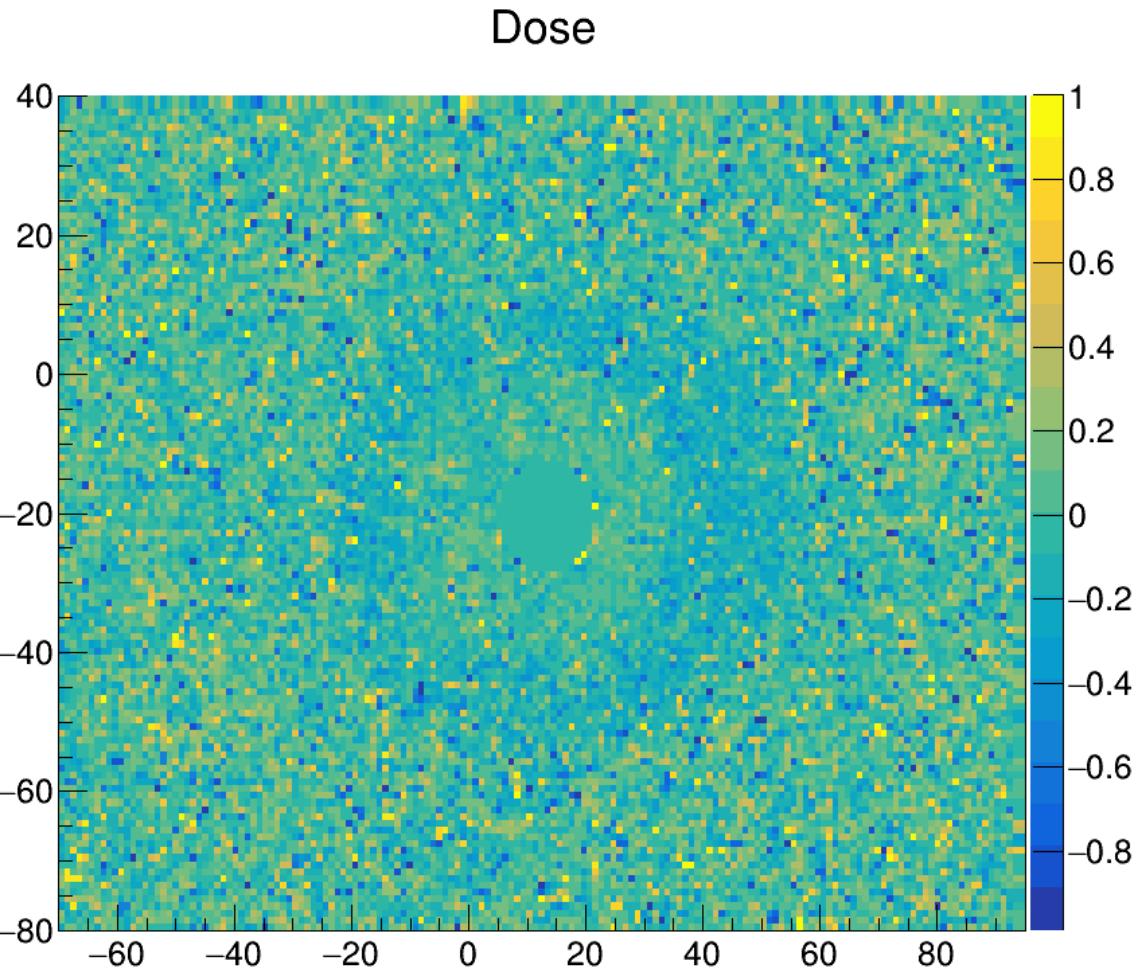
With bellow



Without bellow



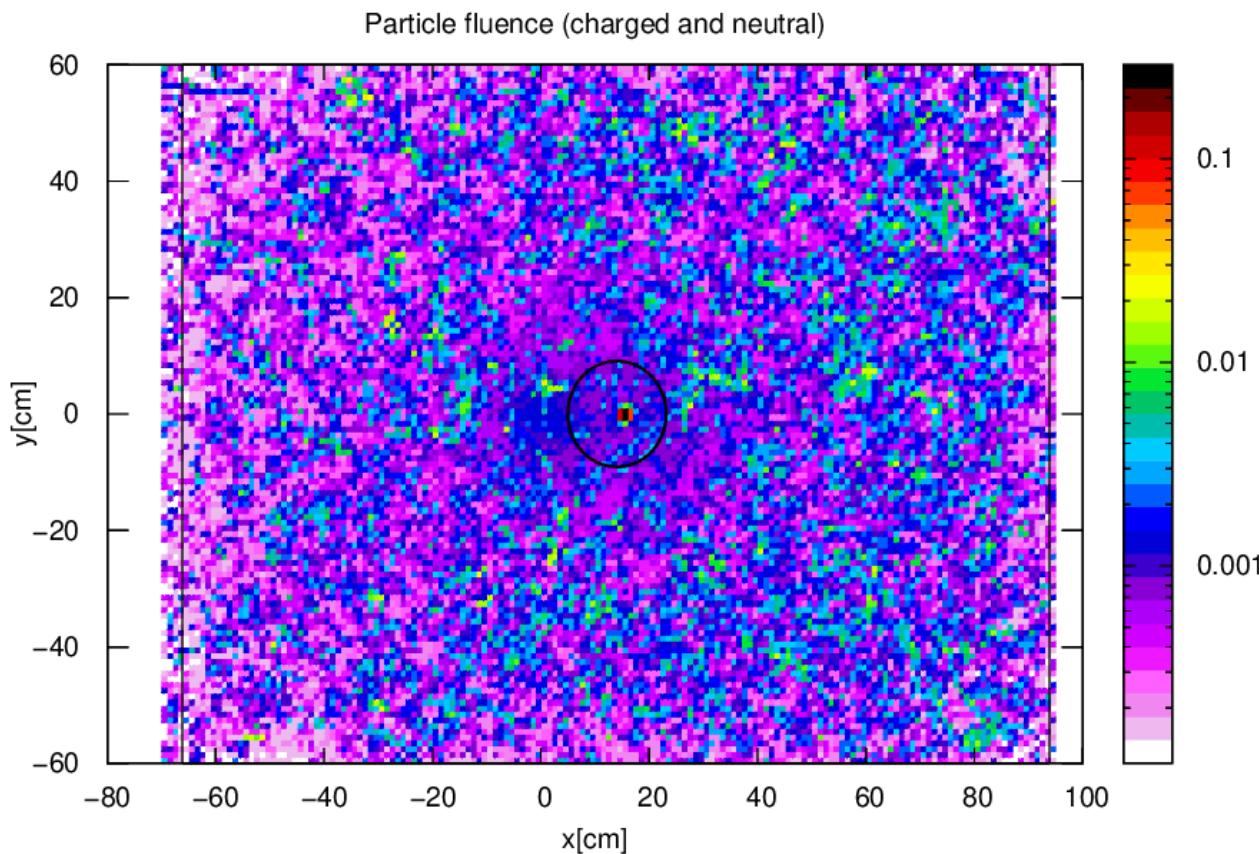
Subtracted histograms - dose



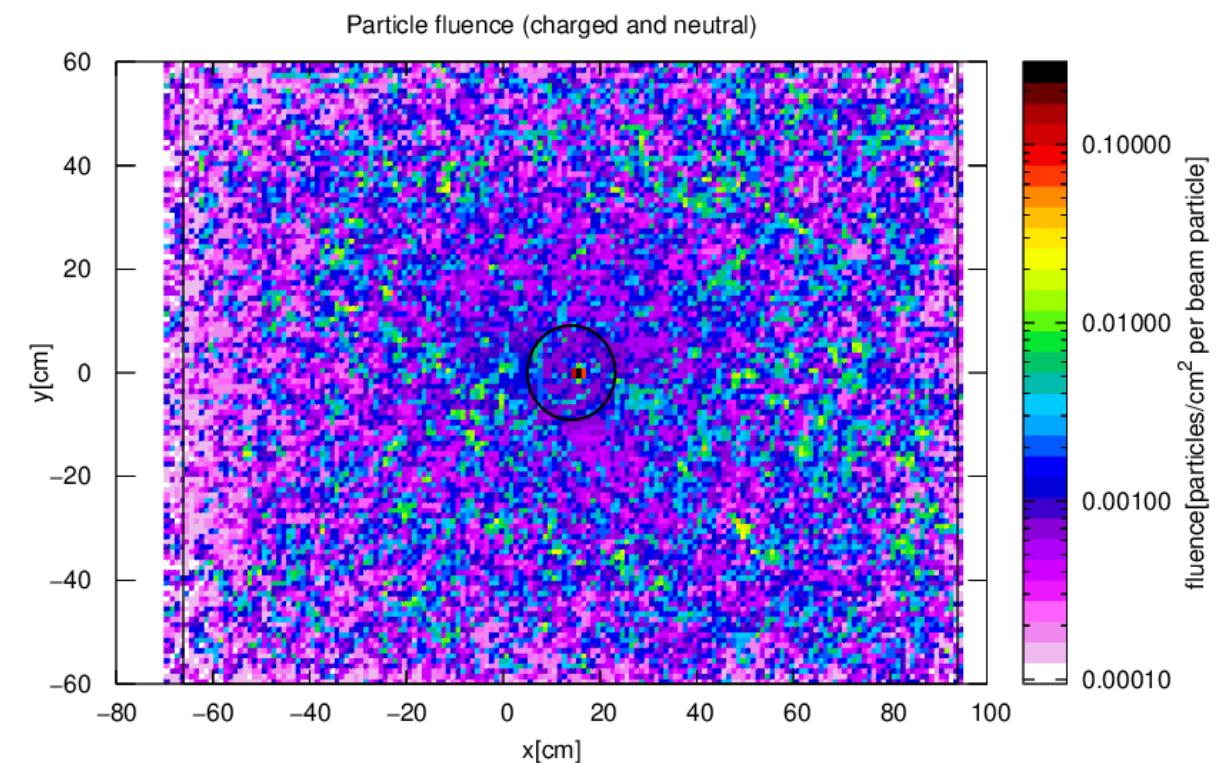
Results – fluence

1M primary particles

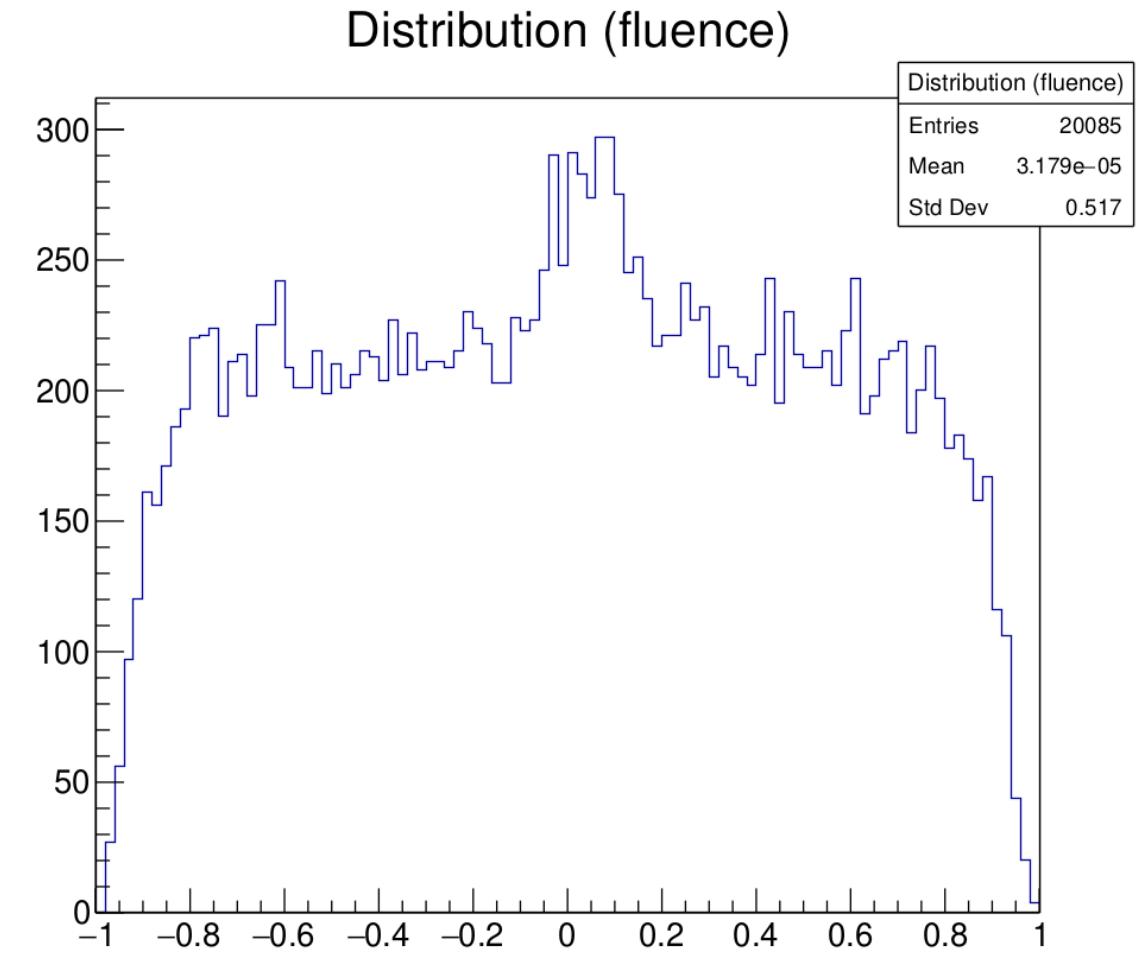
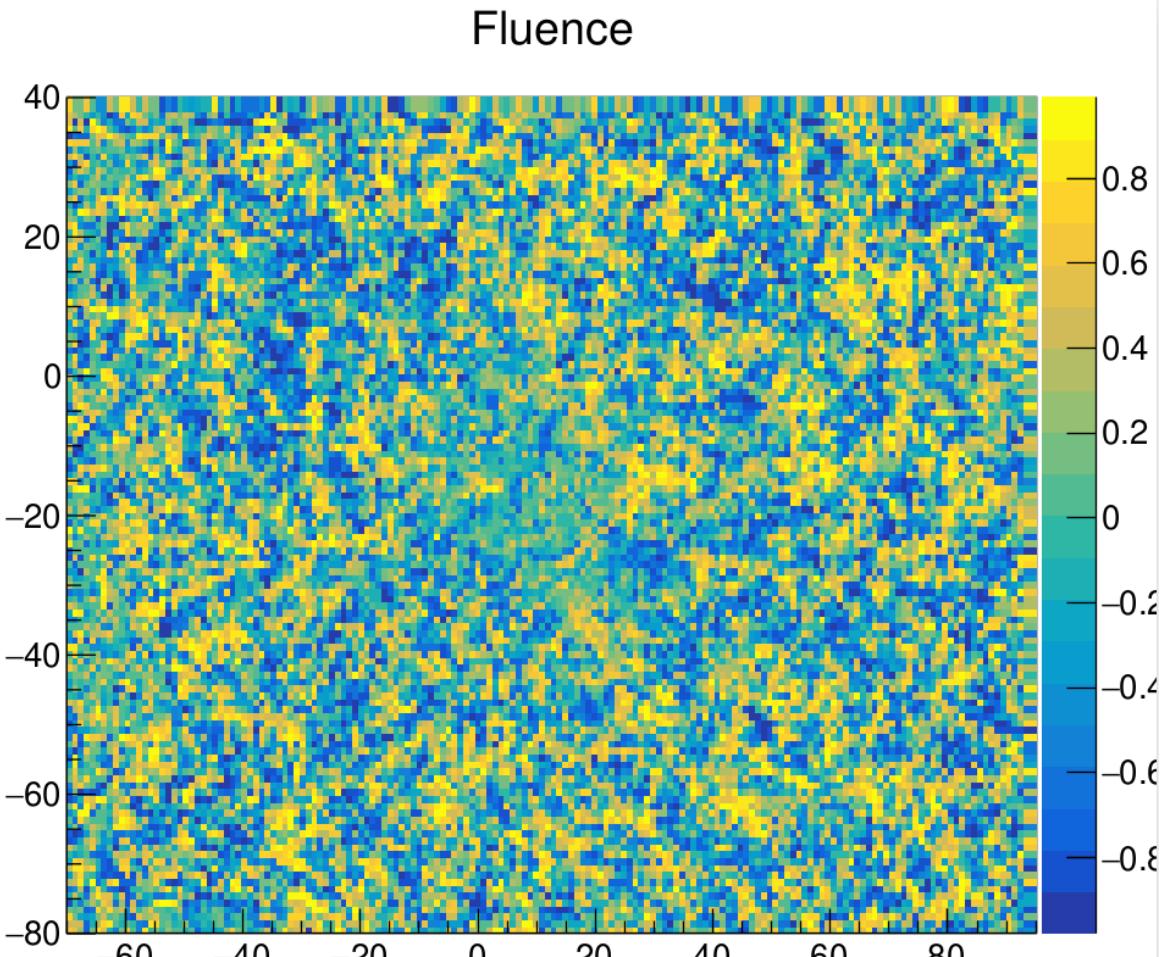
With bellow



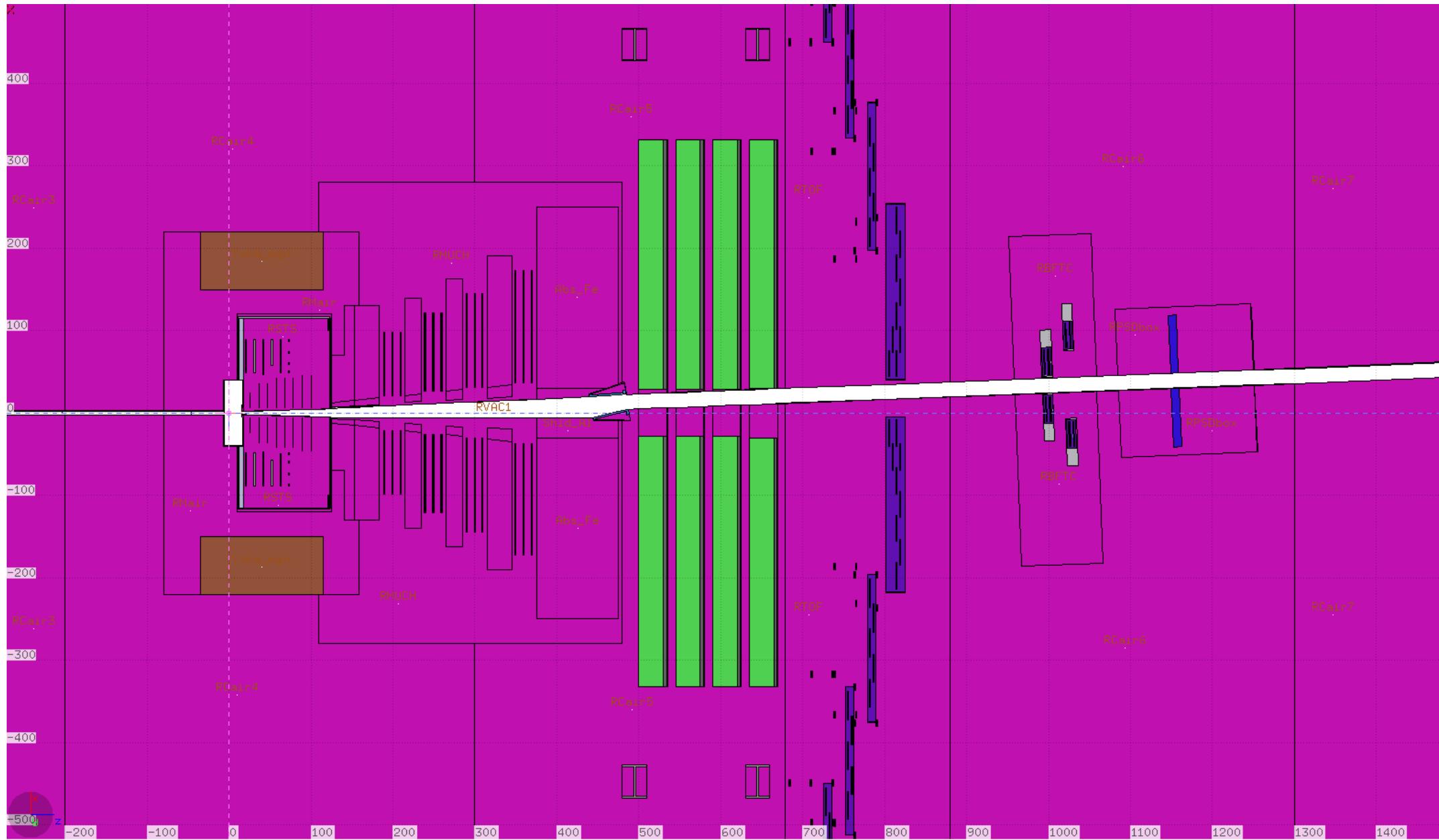
Without bellow



Subtracted histograms - fluence

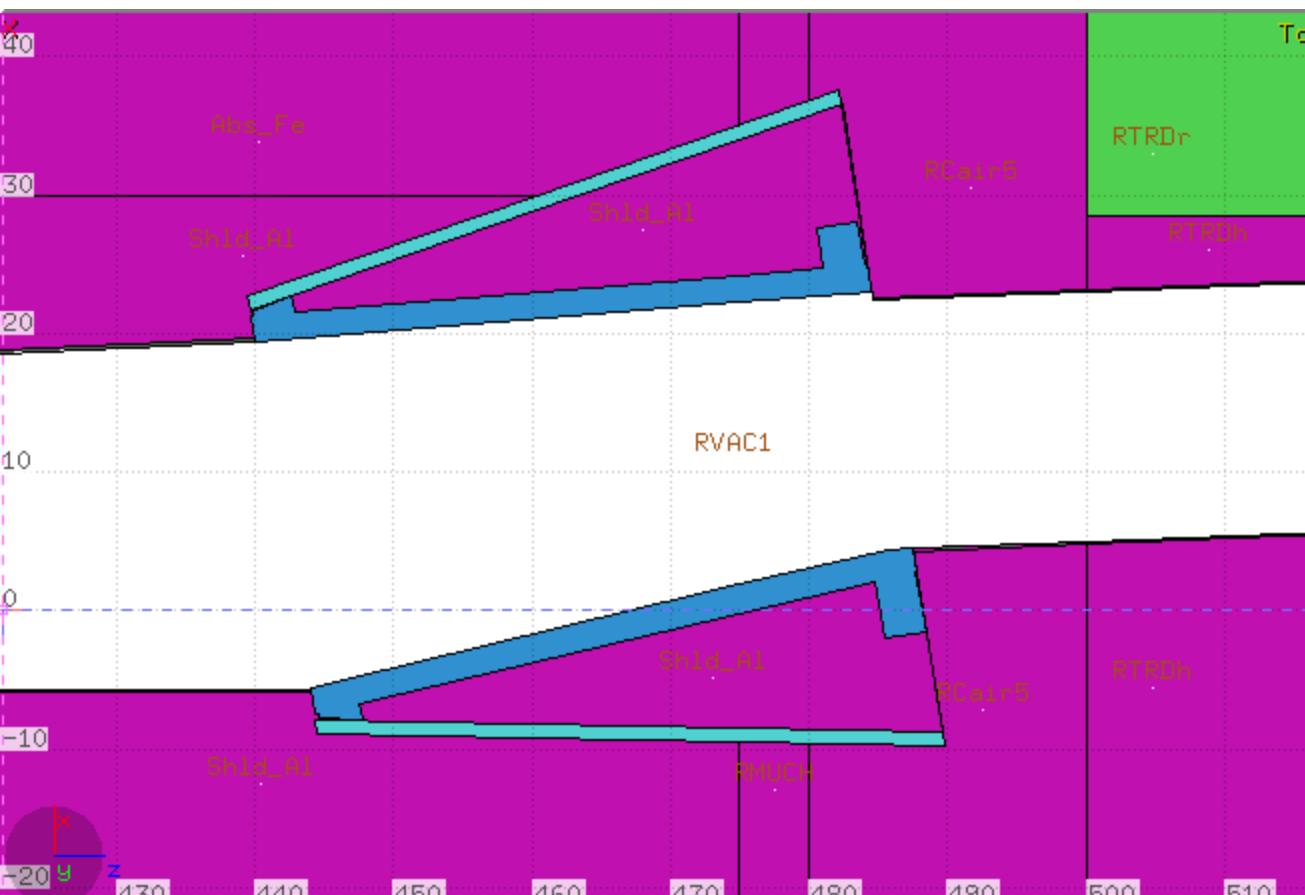


Geometry – Au+Au @ 4 AGeV

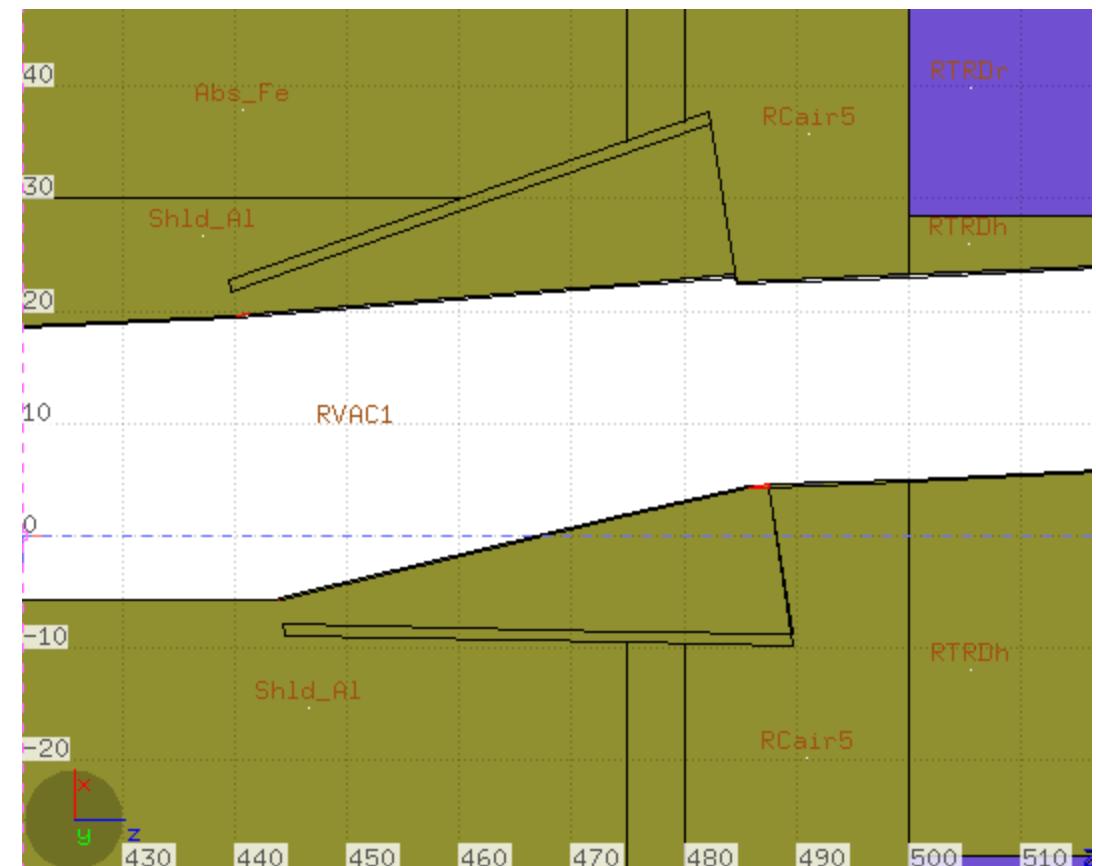


Geometry – bellow @ 4AGeV

With bellow



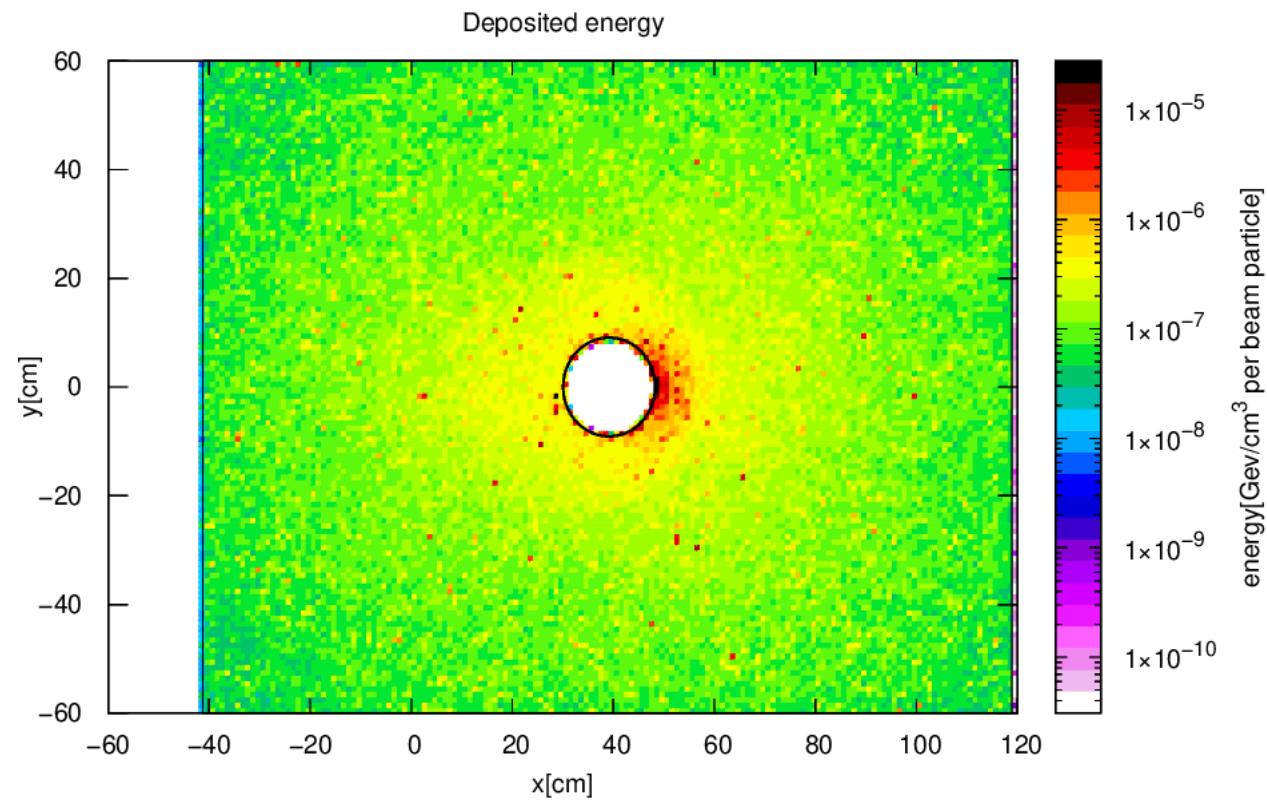
Without bellow



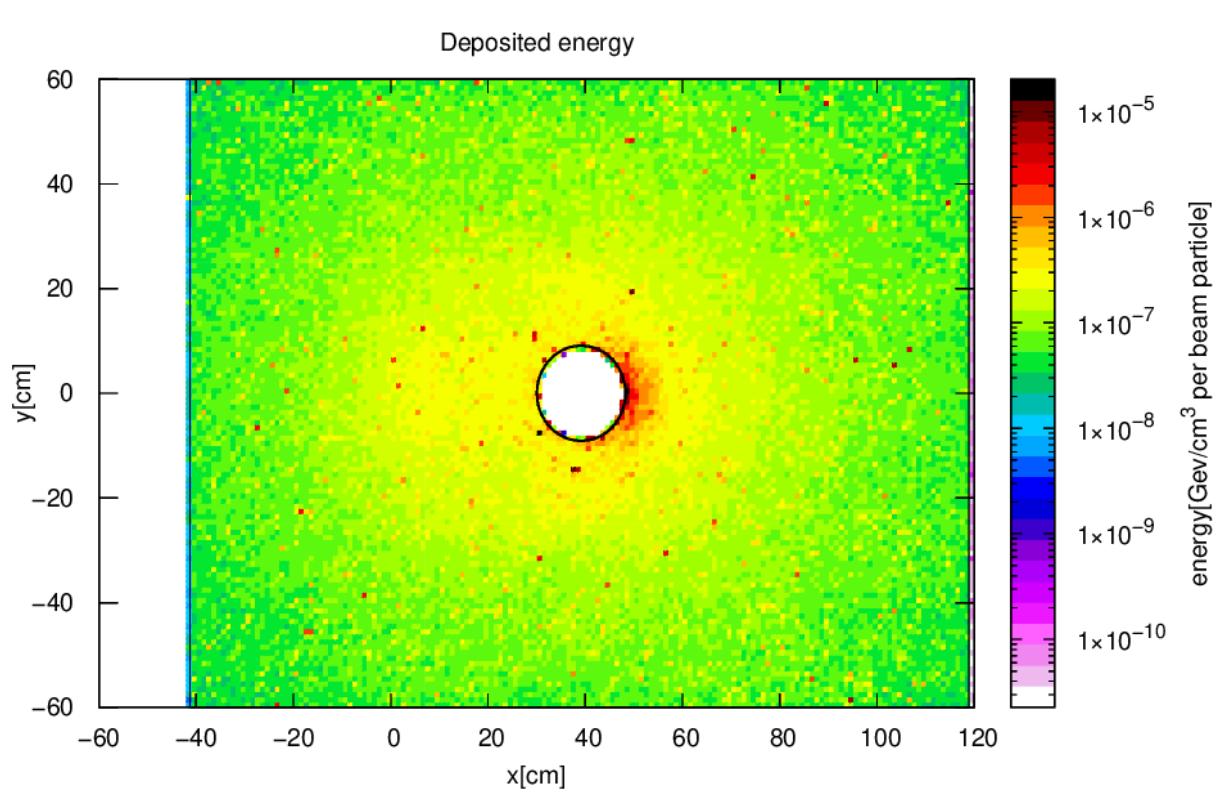
Results – energy

1M primary particles

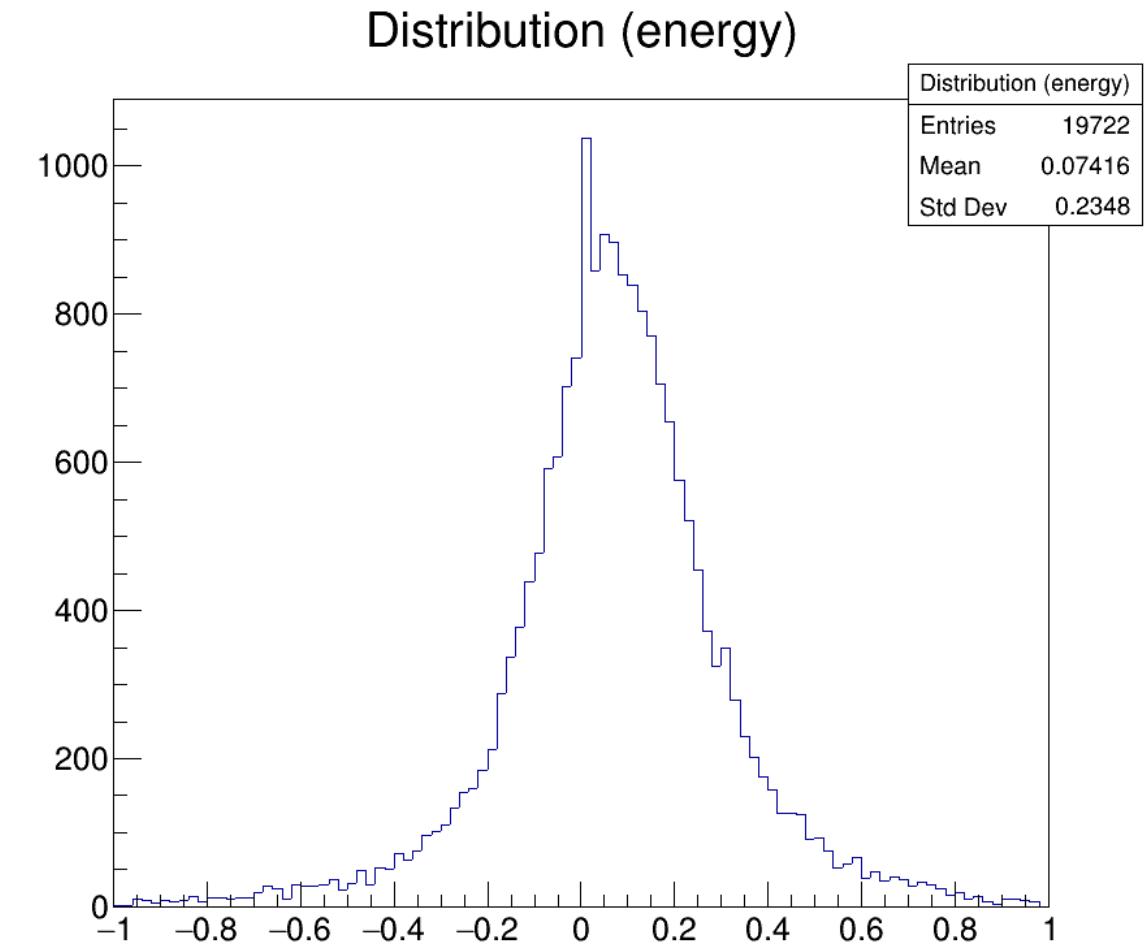
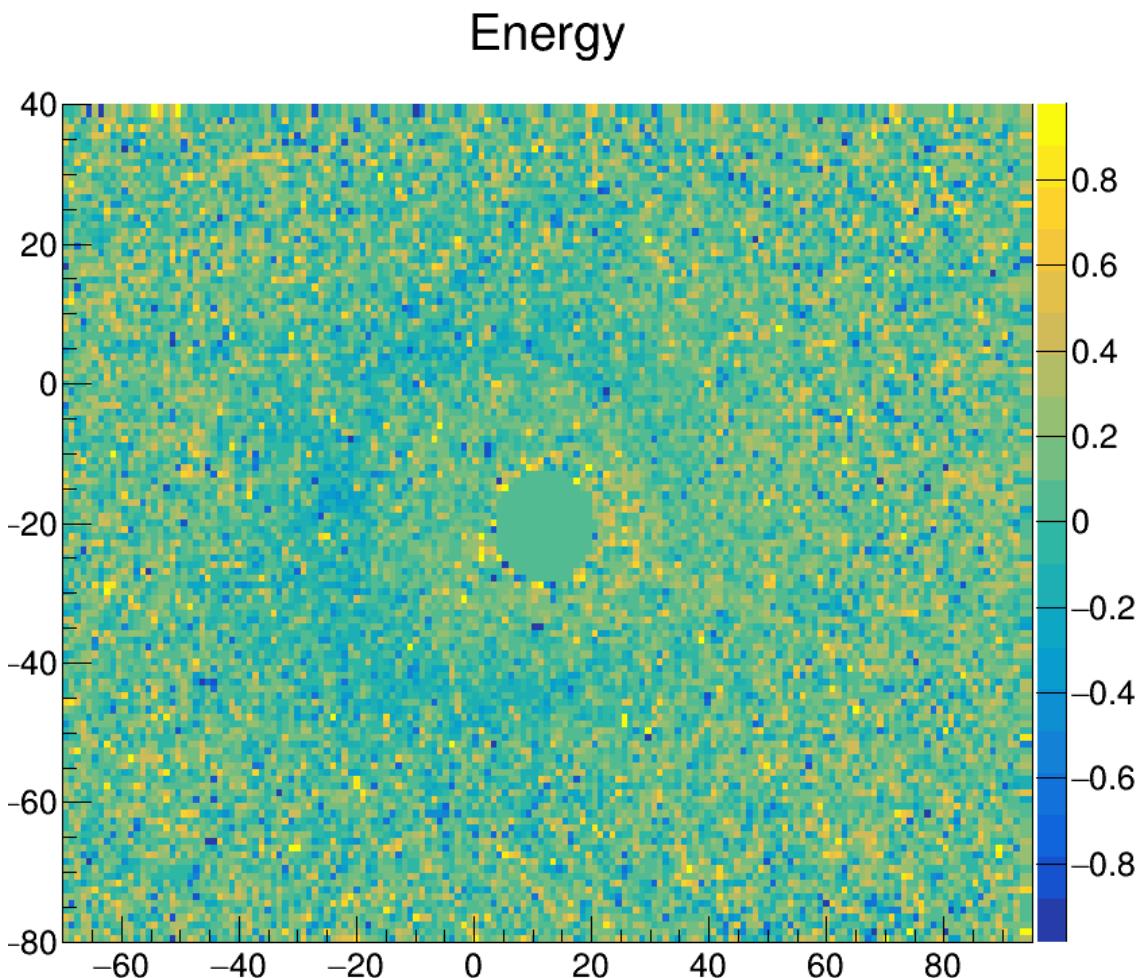
With bellow



Without bellow



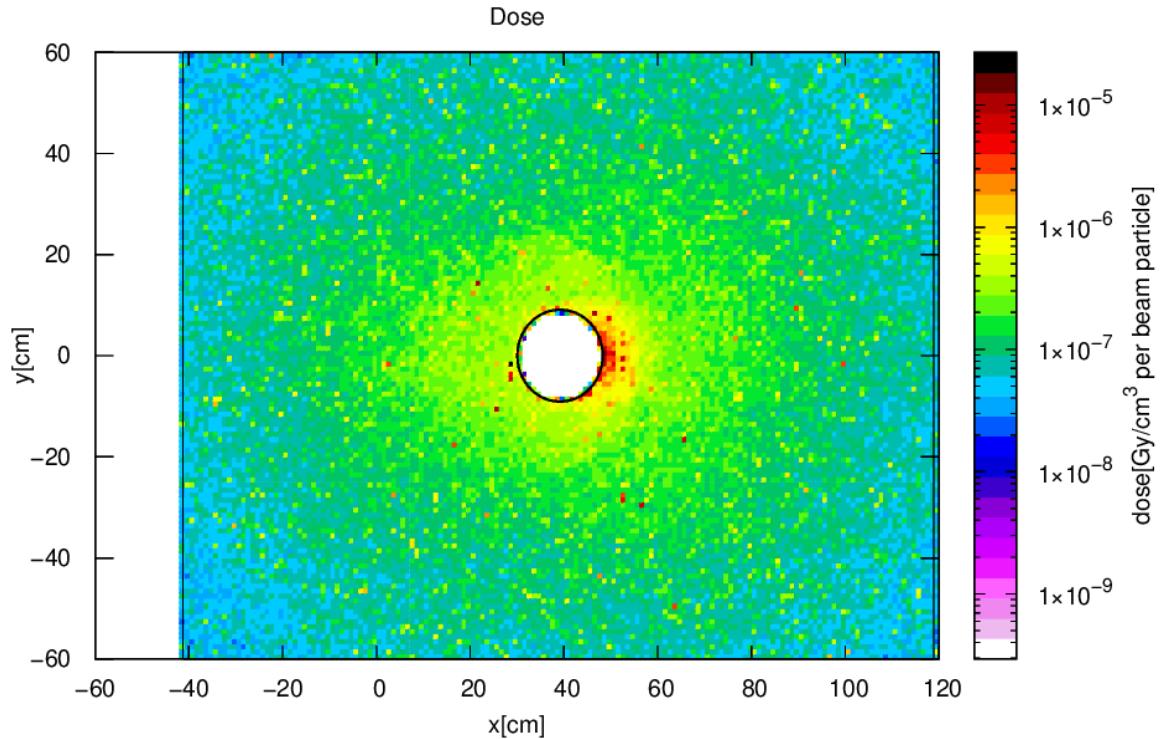
Subtracted histograms – energy



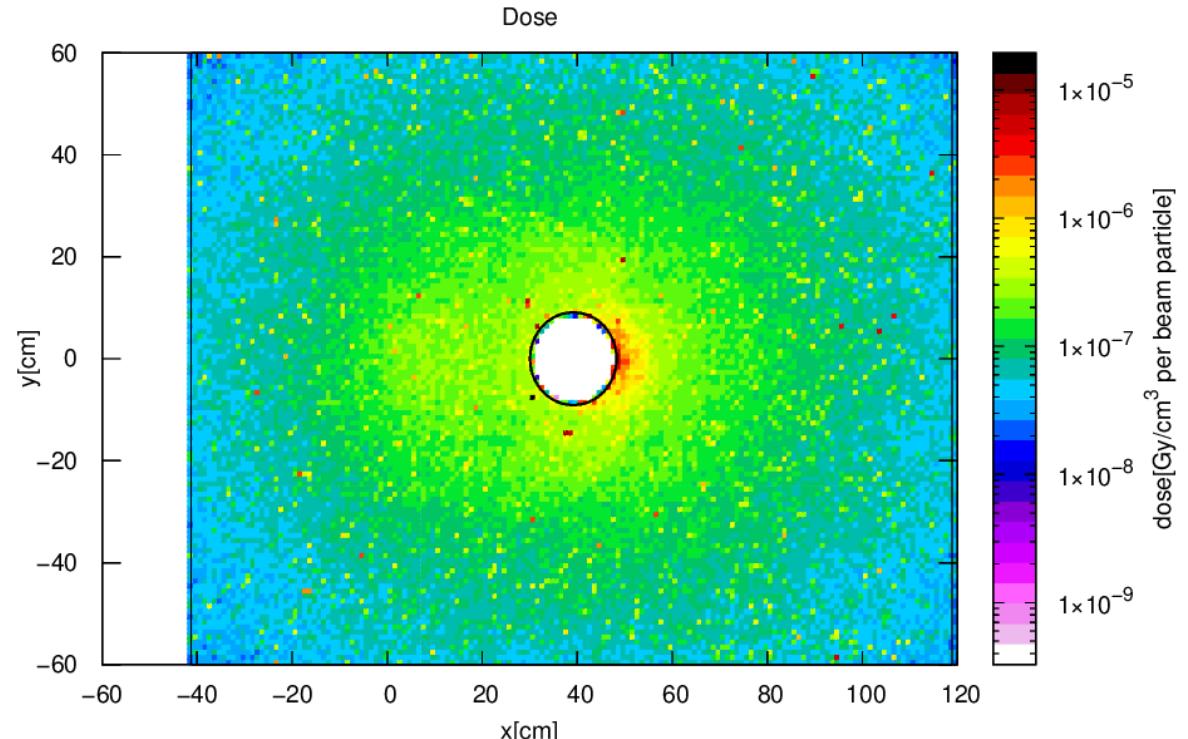
Results – dose

1M primary particles

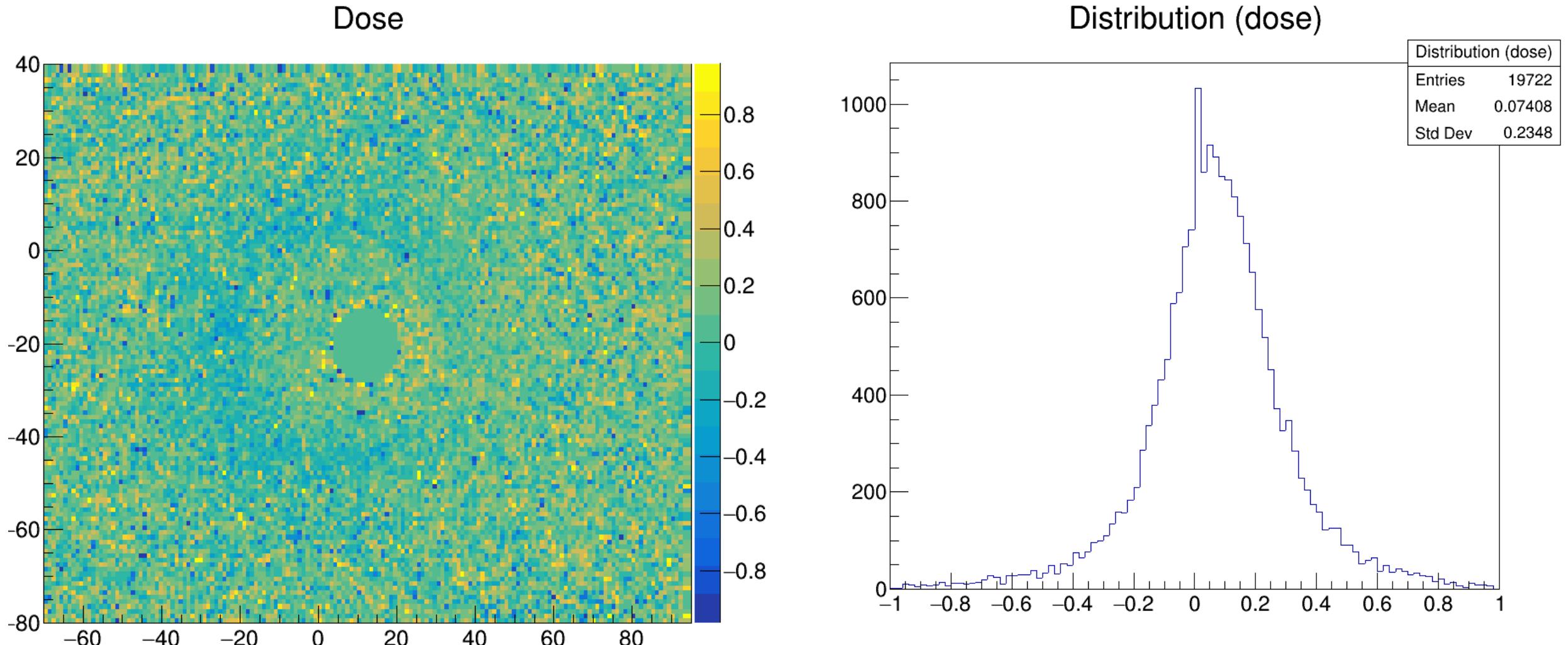
With bellow



Without bellow



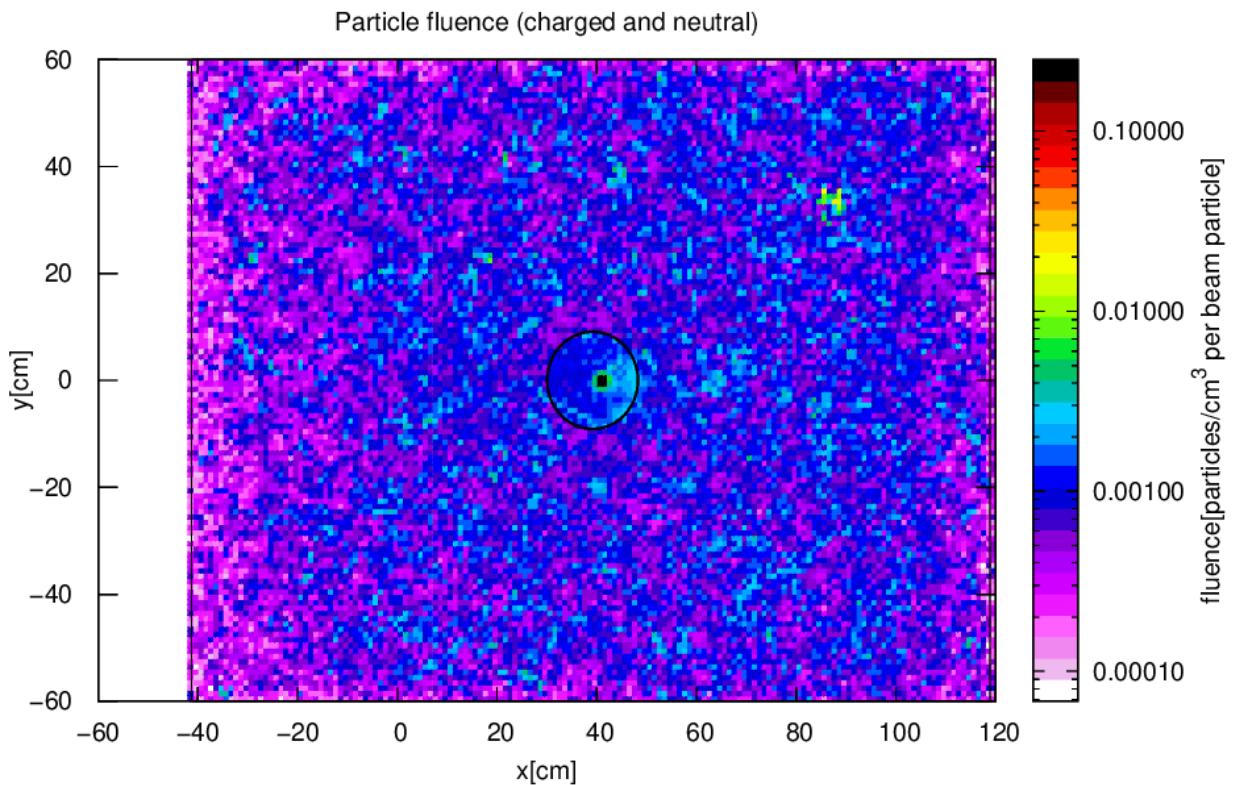
Subtracted histograms - dose



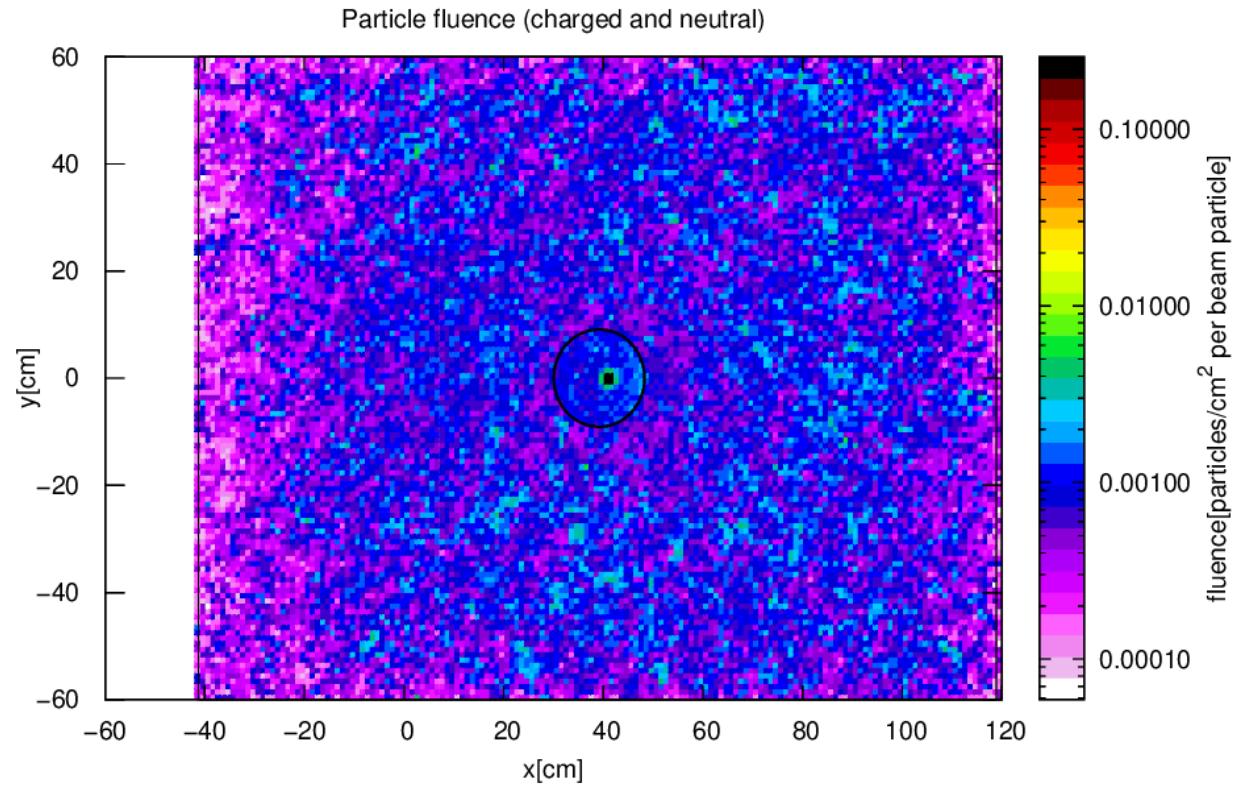
Results – fluence

1M primary particles

With bellow



Without bellow



Subtracted histograms - fluence

