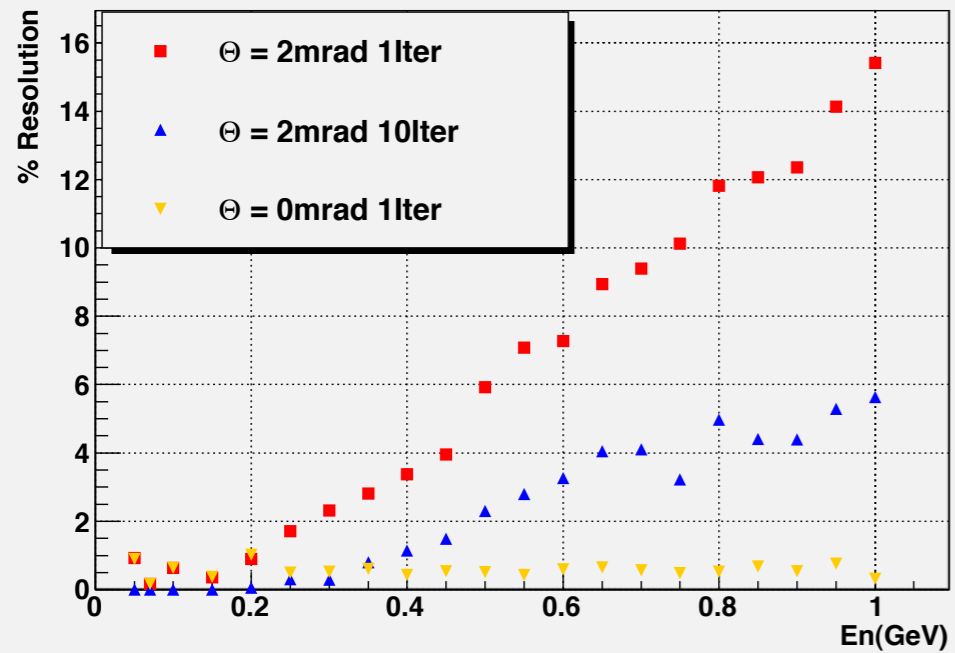


# CampoFrascati

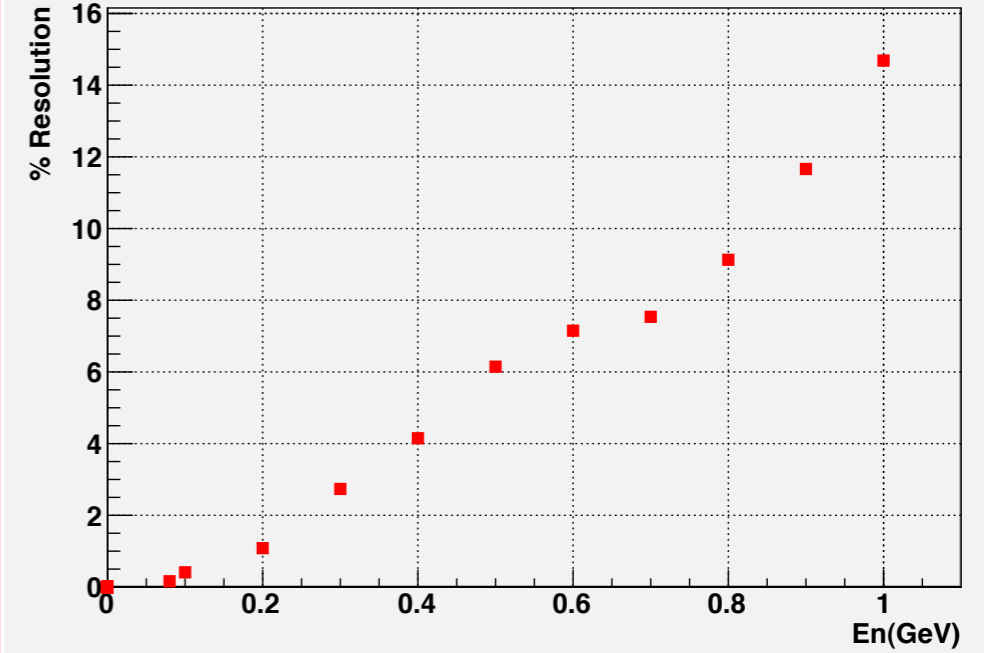
nadia drenska

# Slide Vecchie e Nuove

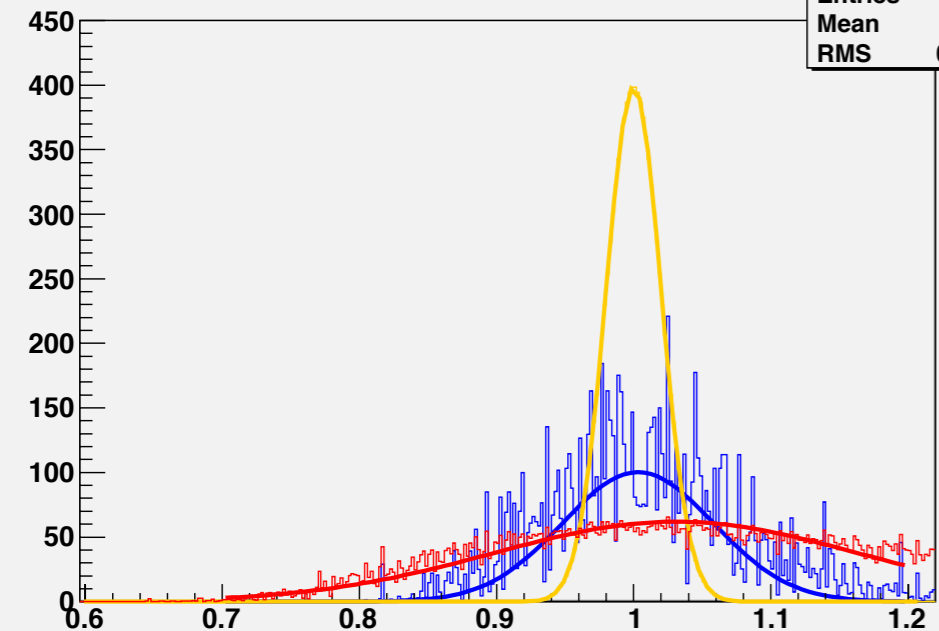
Resolution vs Energy



Resolution vs Energy

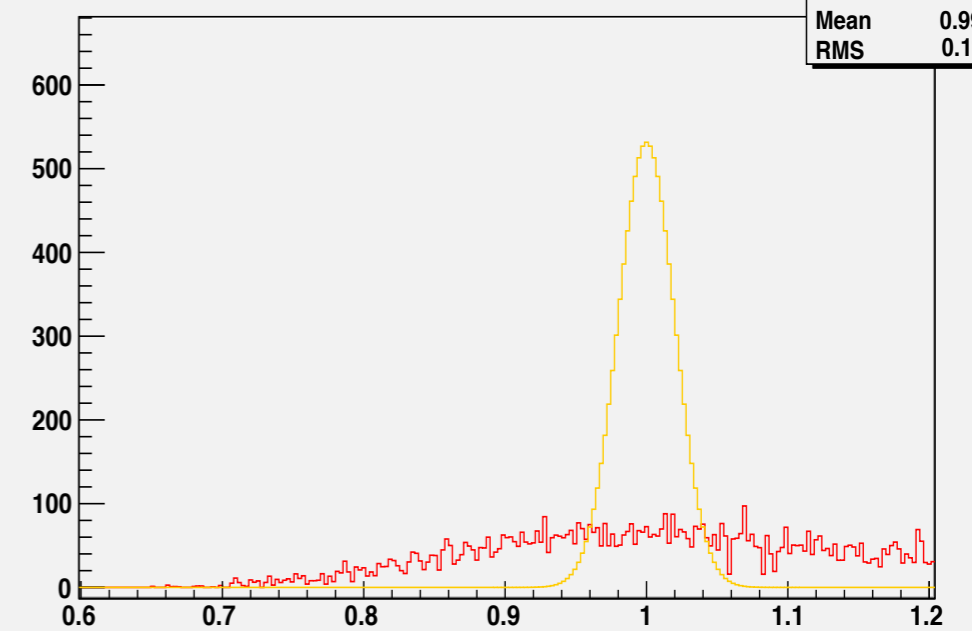


unfolded0zz after xtalk



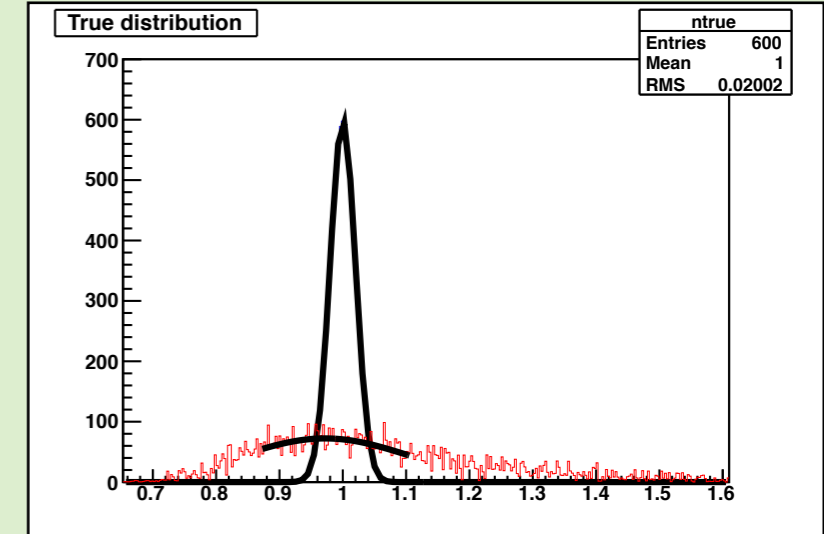
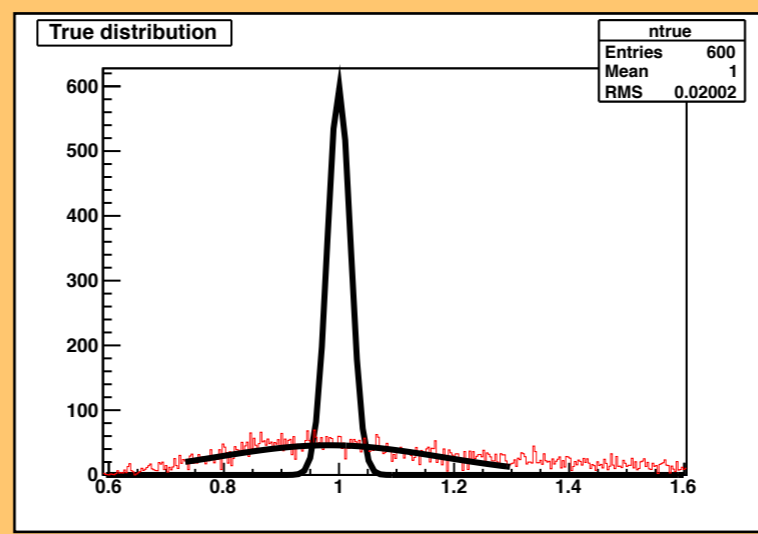
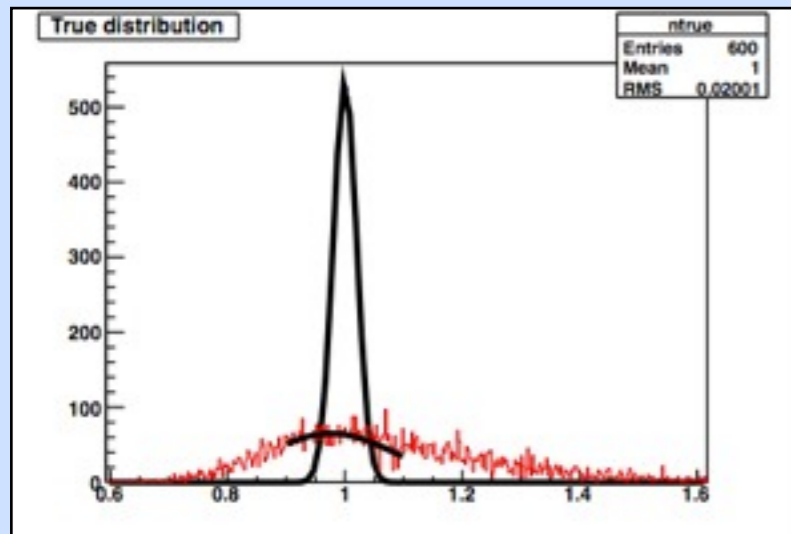
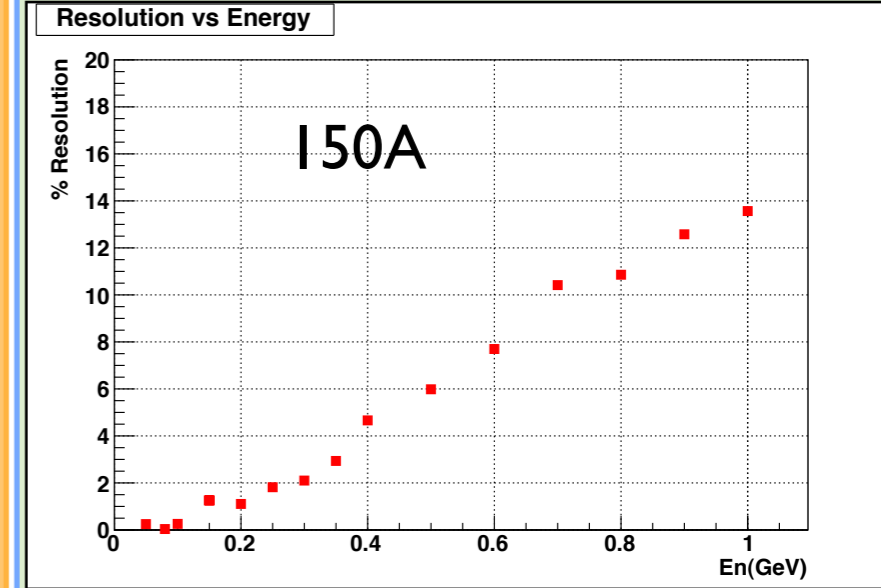
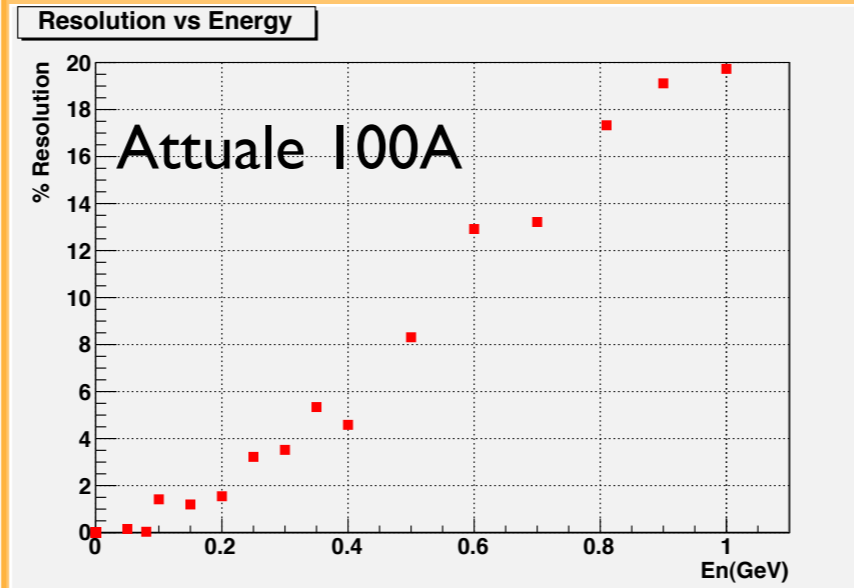
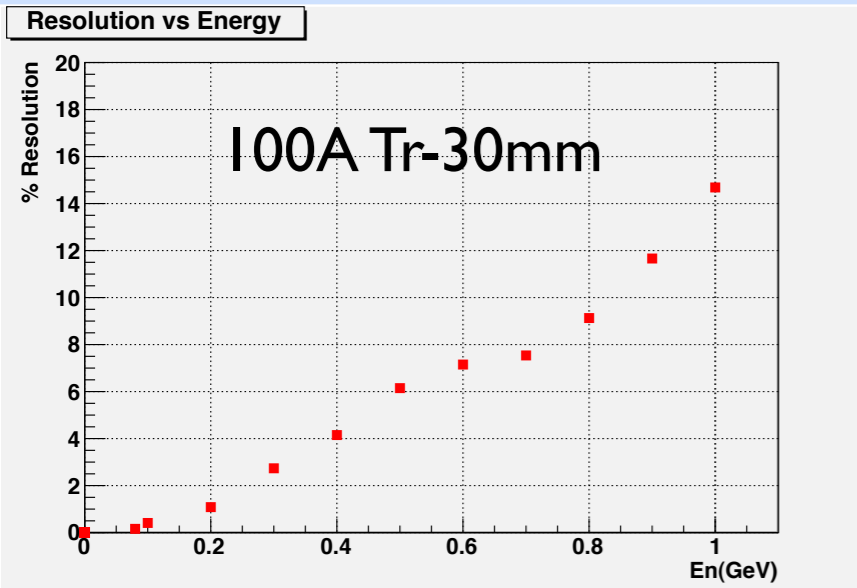
unfolded0xtalkedzz	
Entries	600
Mean	1.009
RMS	0.1185

unfolded0zz after xtalk

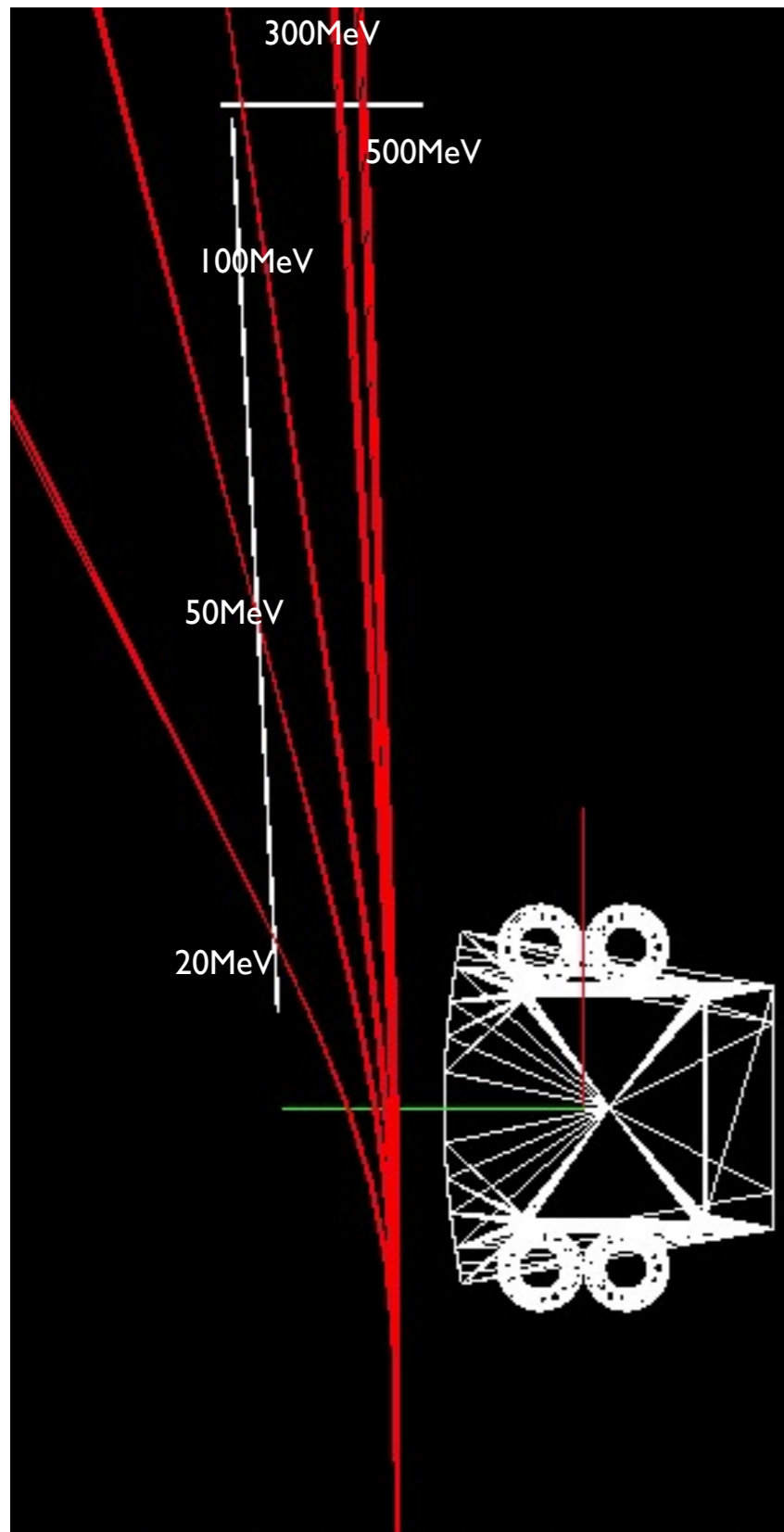


unfolded0xtalkedzz	
Entries	600
Mean	0.9947
RMS	0.1142

# 100A traslato di -30mm vs 100A vs 150A



# Deflessioni Geant4 con 100A e 150A



Energie in MeV

20

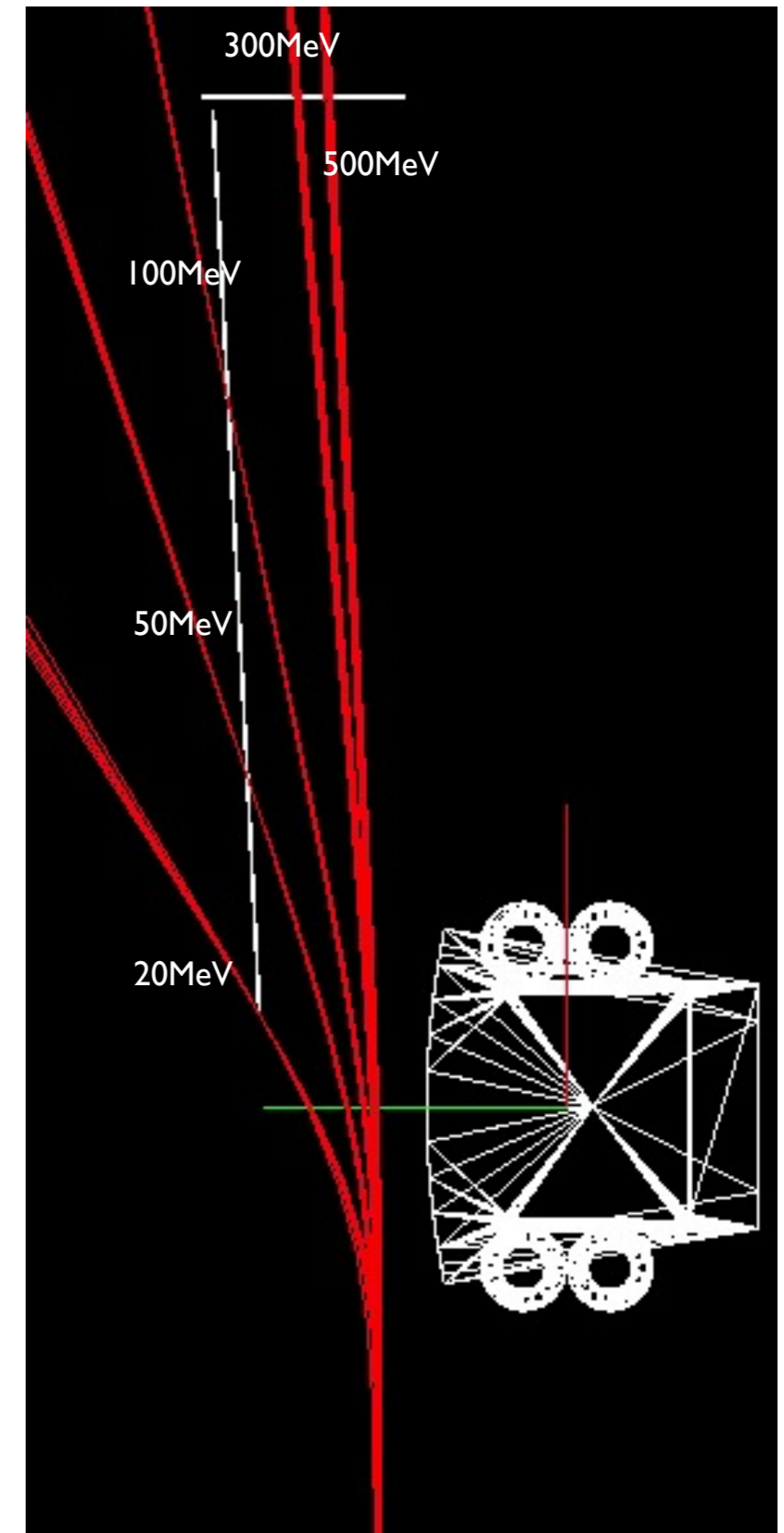
50

100

300

500

div = 2mrad



# Deflessioni Math con 100A e 150A

100A vs 150A

Energie in MeV

20

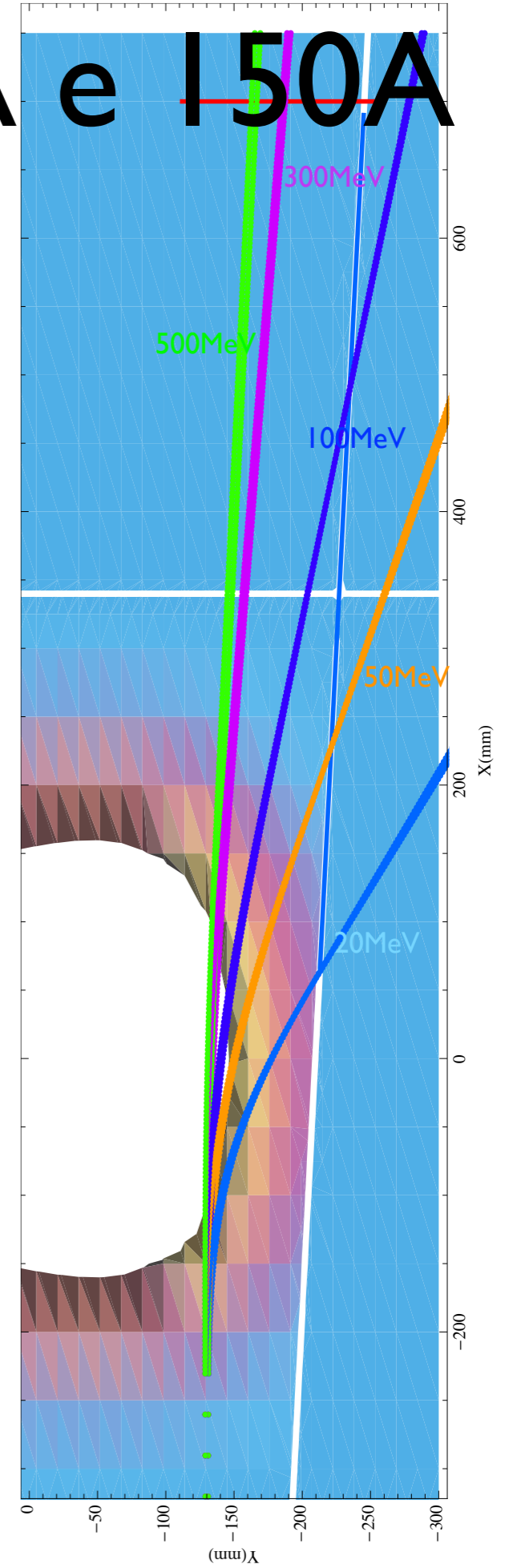
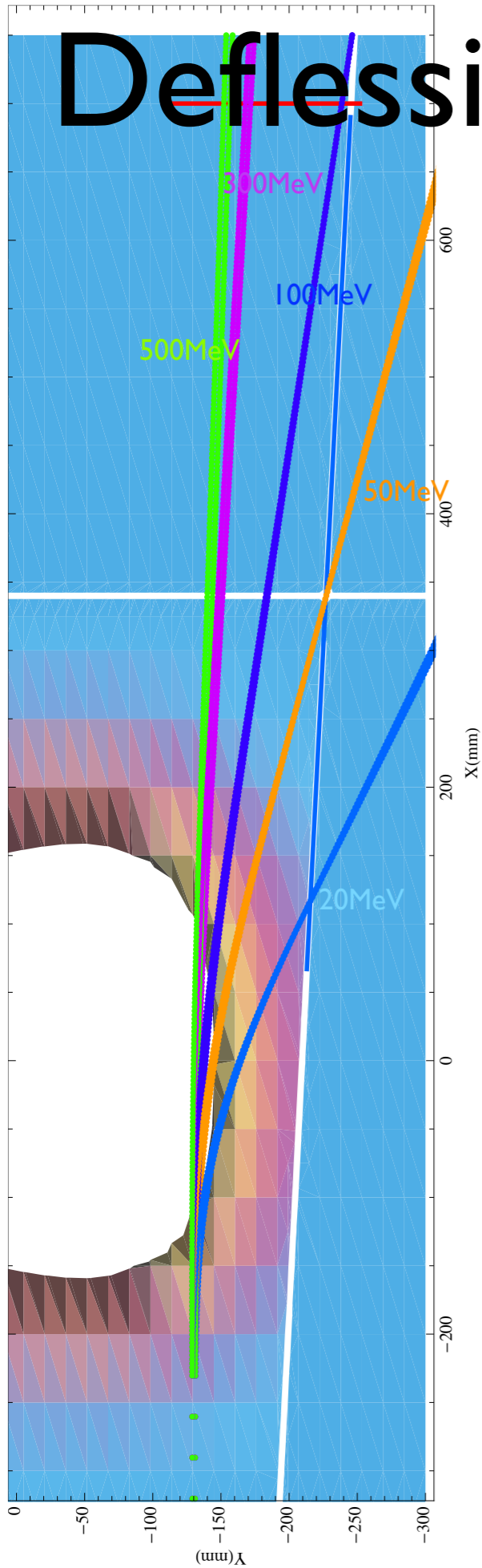
50

100

300

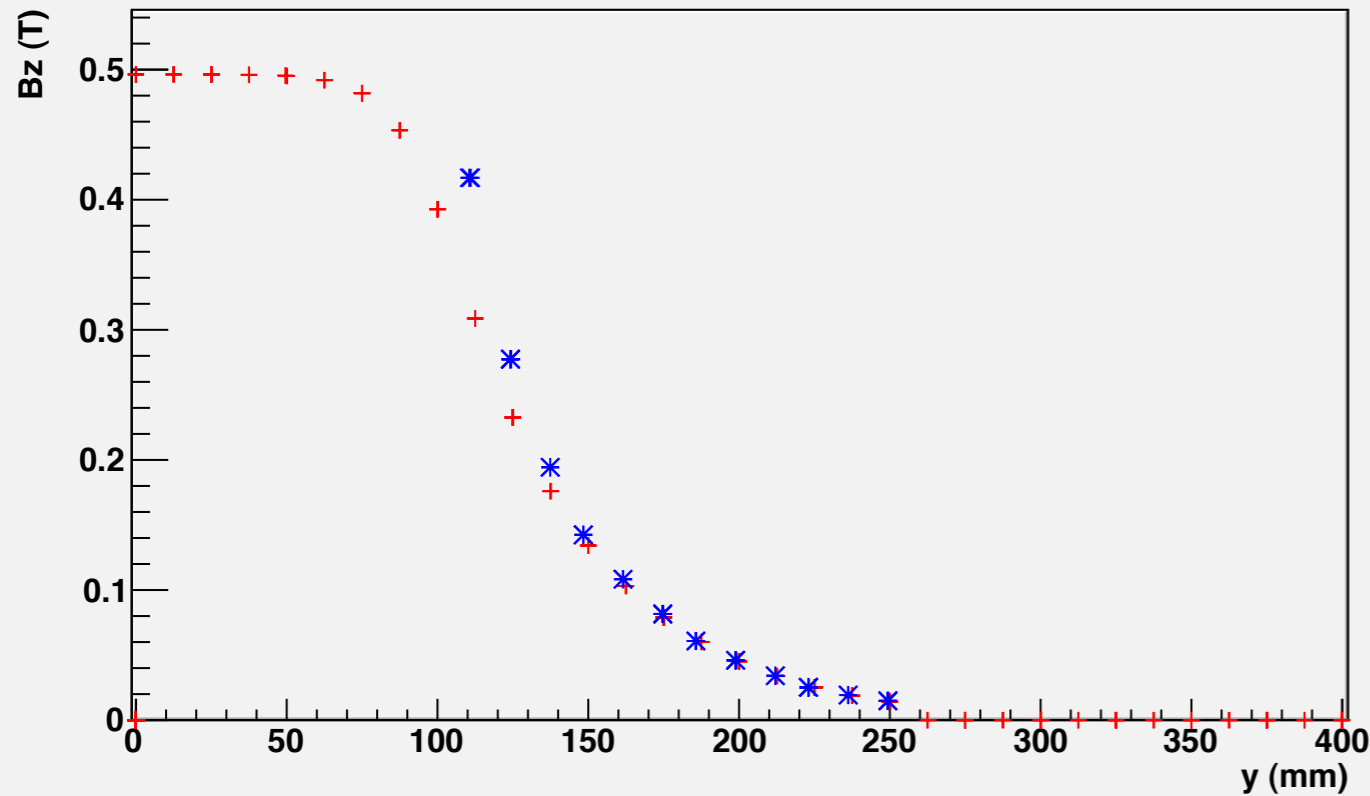
500

div = 2mrad



# Shim OFF - ON

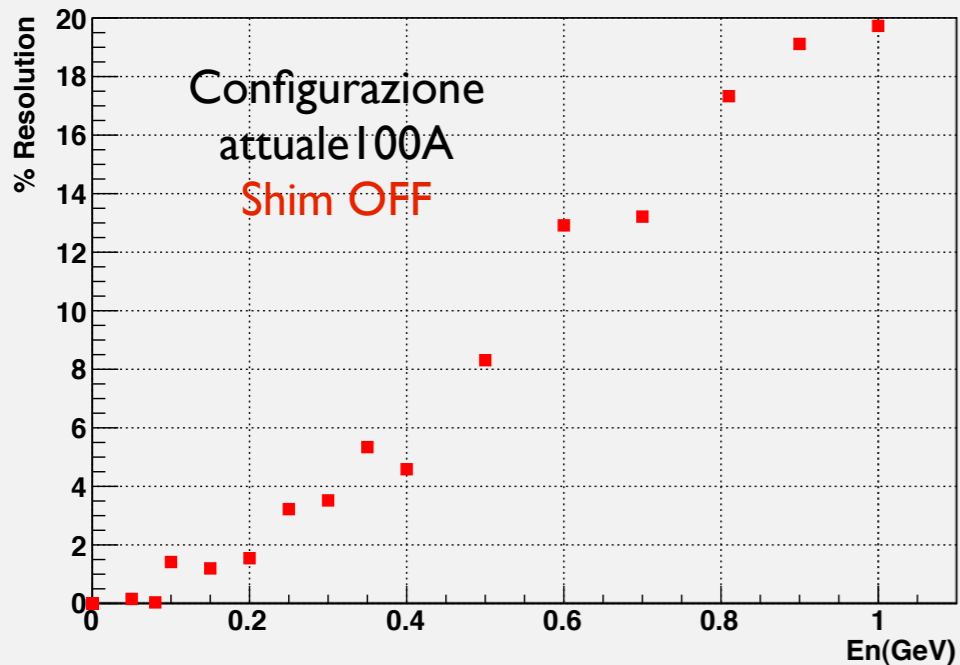
Graph



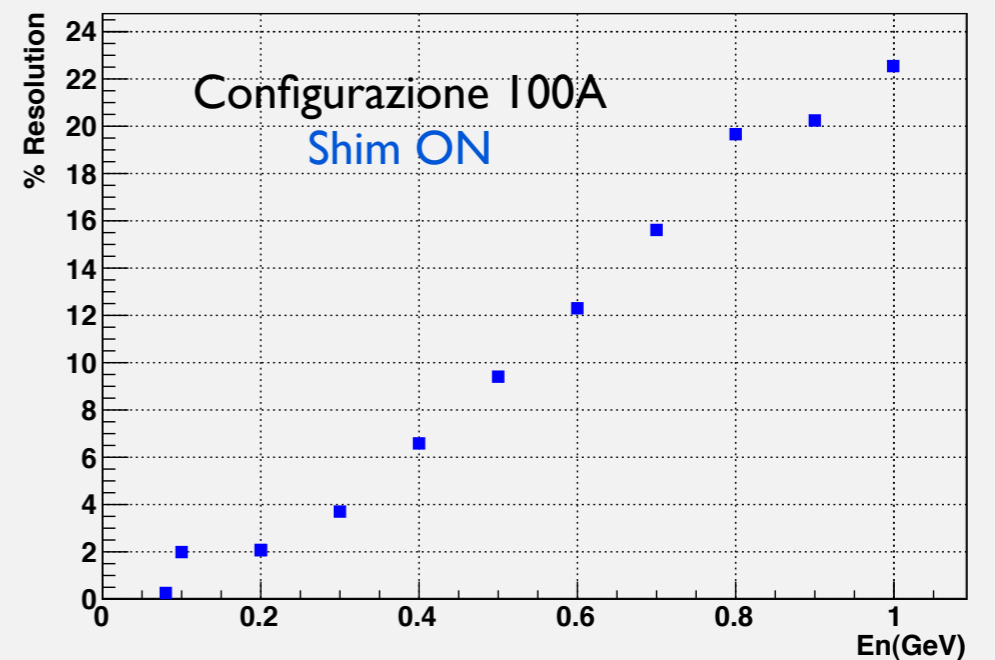
Profilo dei campi  $B_z$   
senza shim e con shim  
@  $x = 0$ .

La risoluzione non cambia

Resolution vs Energy

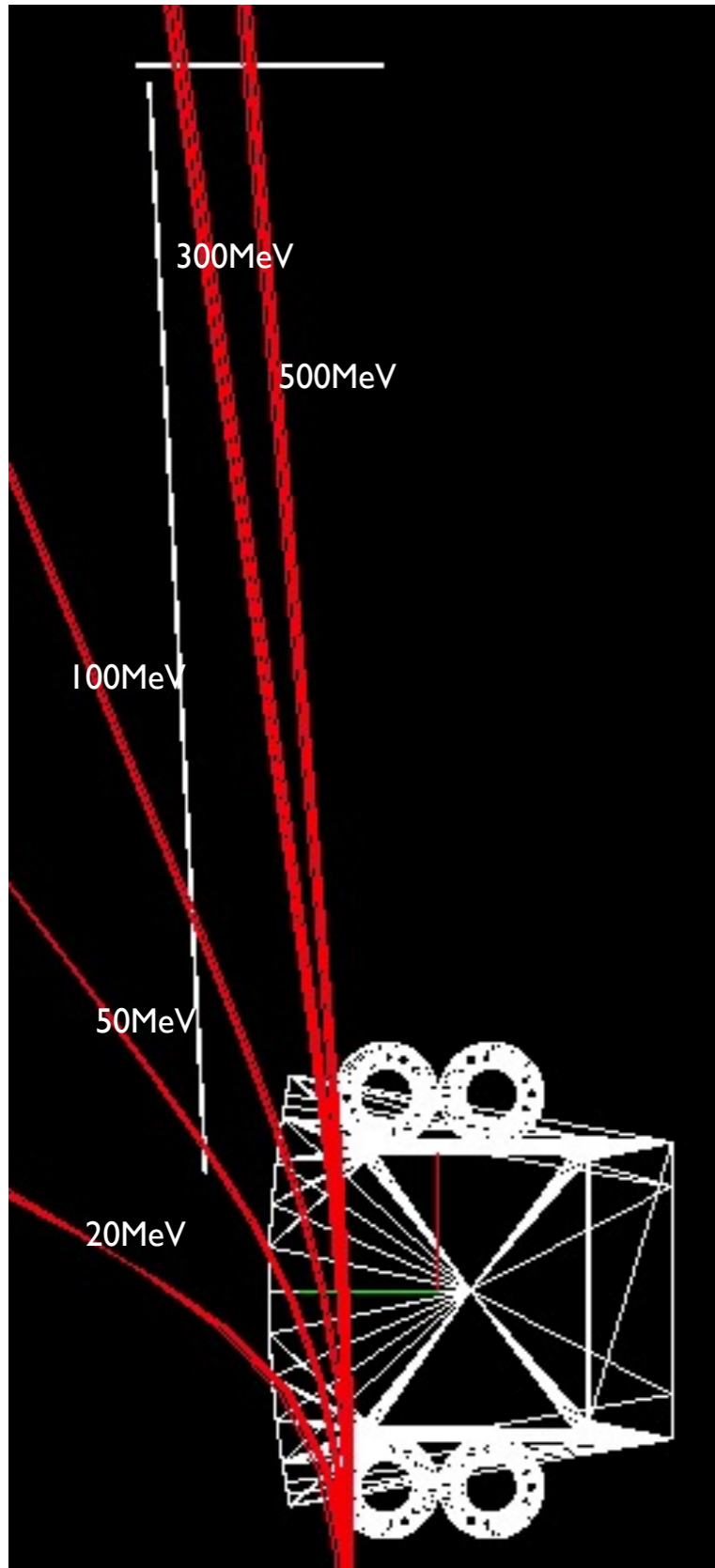


Resolution vs Energy



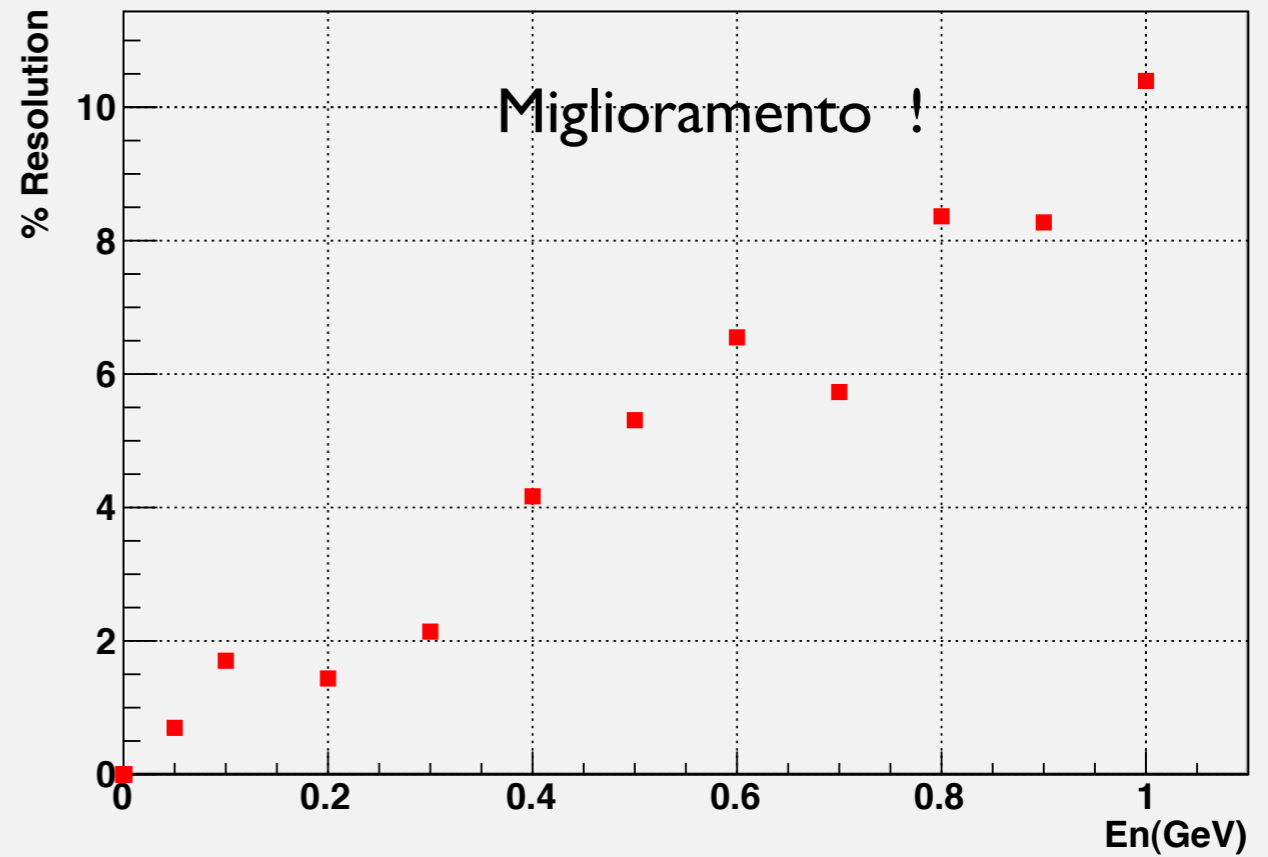
# Traslazione rivelatore $\Delta y = -80$ mm

## Sorgente @ $y = 50$ mm



Studio della  
risoluzione  
con sorgente  
in  $y$  tale che  
sia massimo  
in cammino  
integrato

Resolution vs Energy



True distribution

