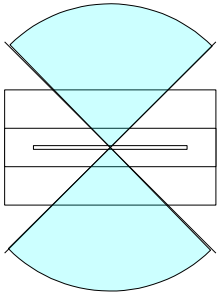
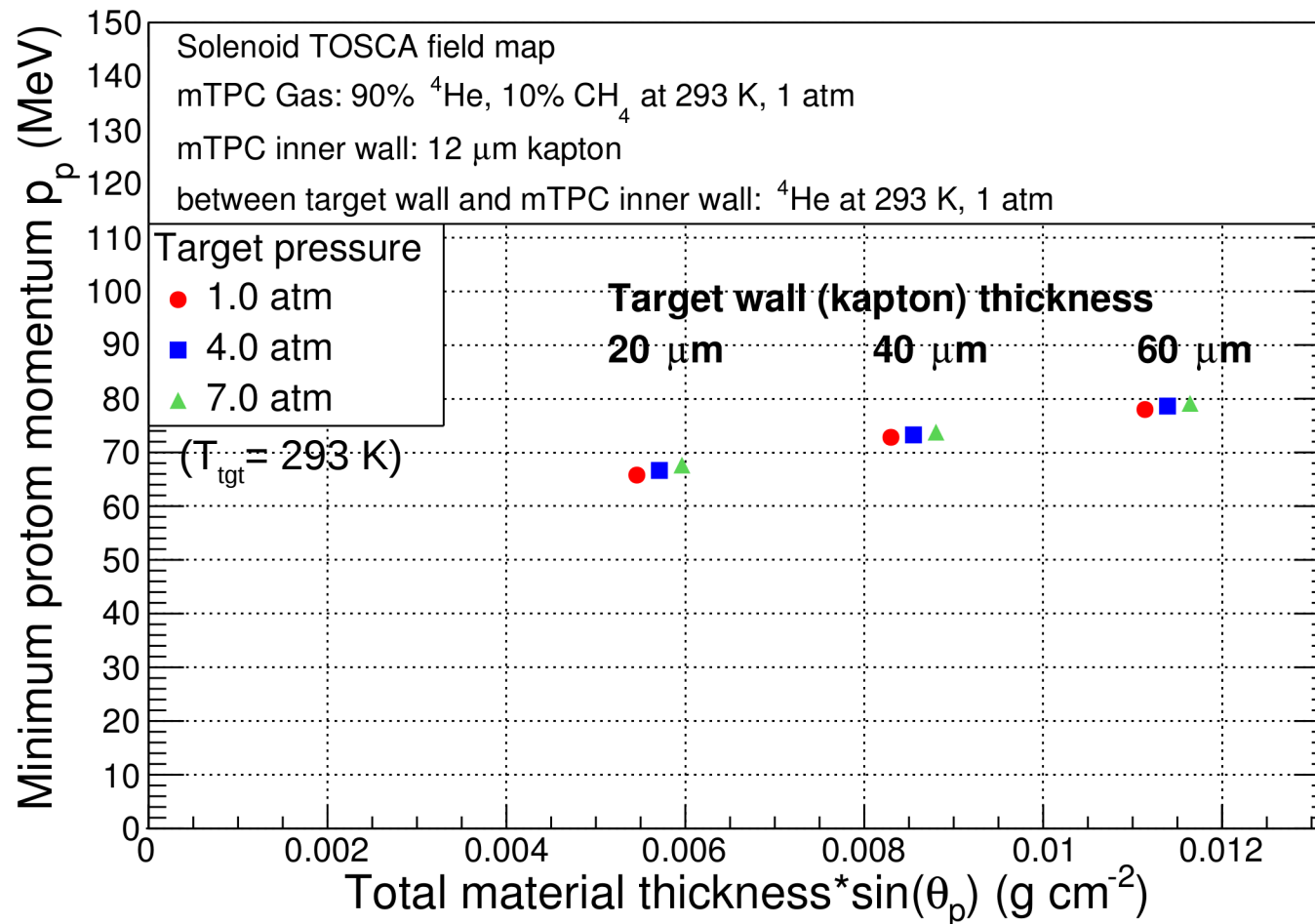


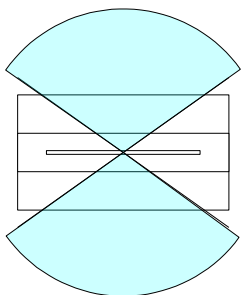
# Minimum proton momentum for mTPC detection probability ~70 %



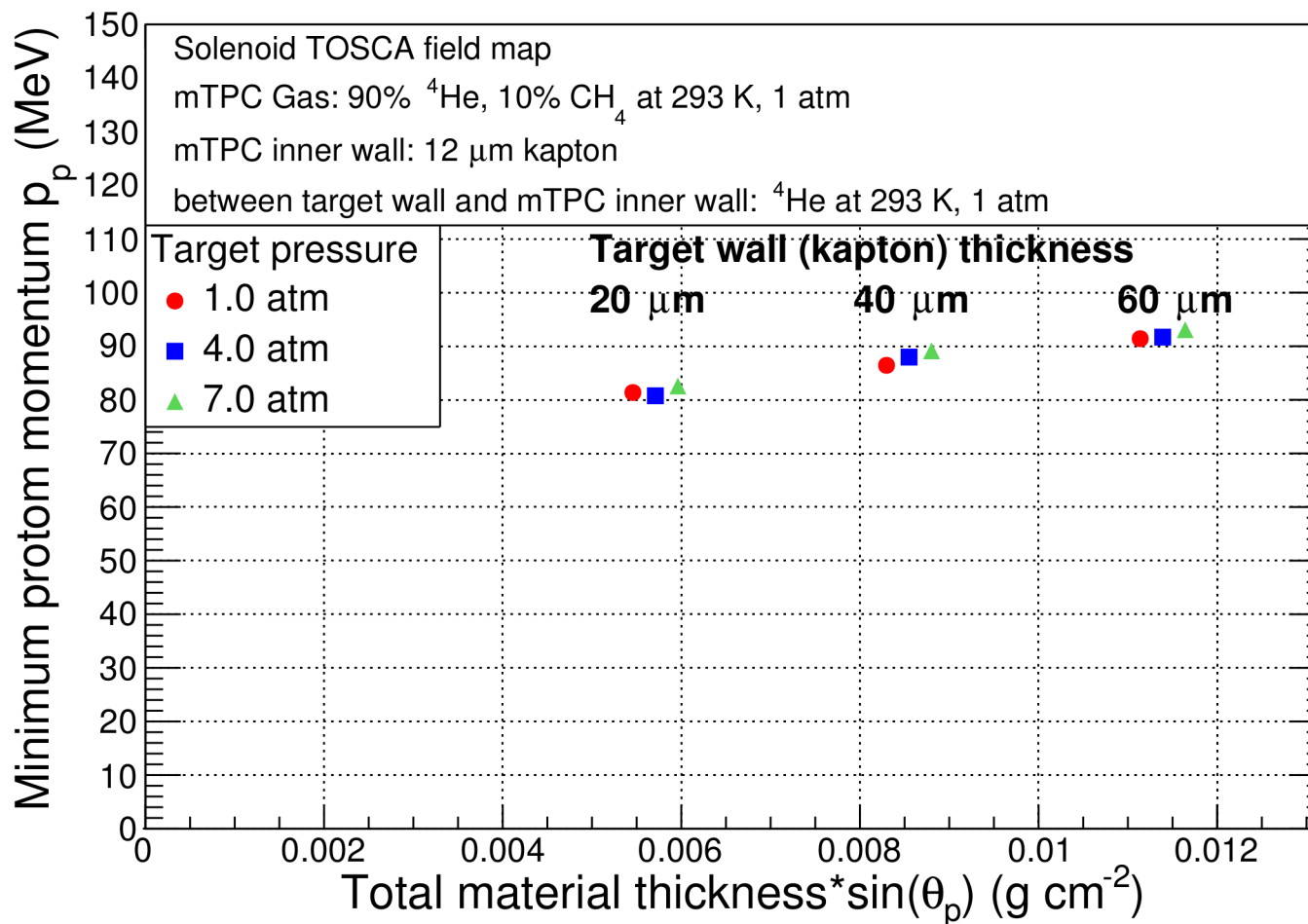
Detection probability > 0.71 ( $|90-\theta_p| < 45.0$  deg)



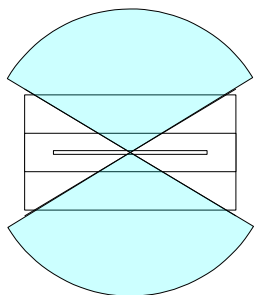
# Minimum proton momentum for mTPC detection probability ~87 %



Detection probability > 0.87 ( $|90-\theta_p| < 60.0$  deg)



# Minimum proton momentum for mTPC detection probability ~90 %



Detection probability > 0.91 ( $|90-\theta_p| < 65.0$  deg)

