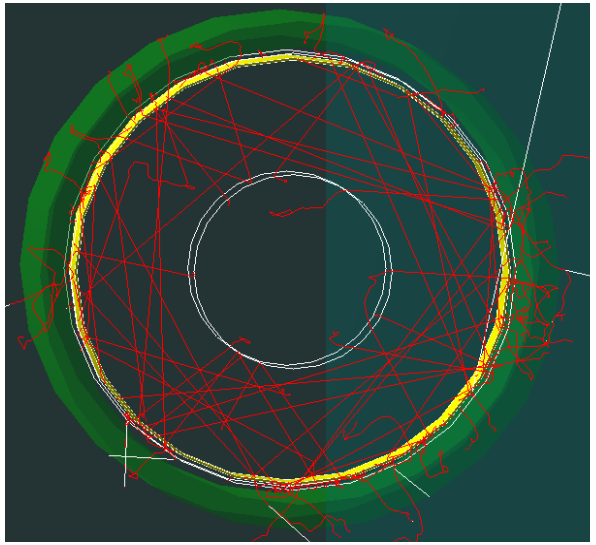
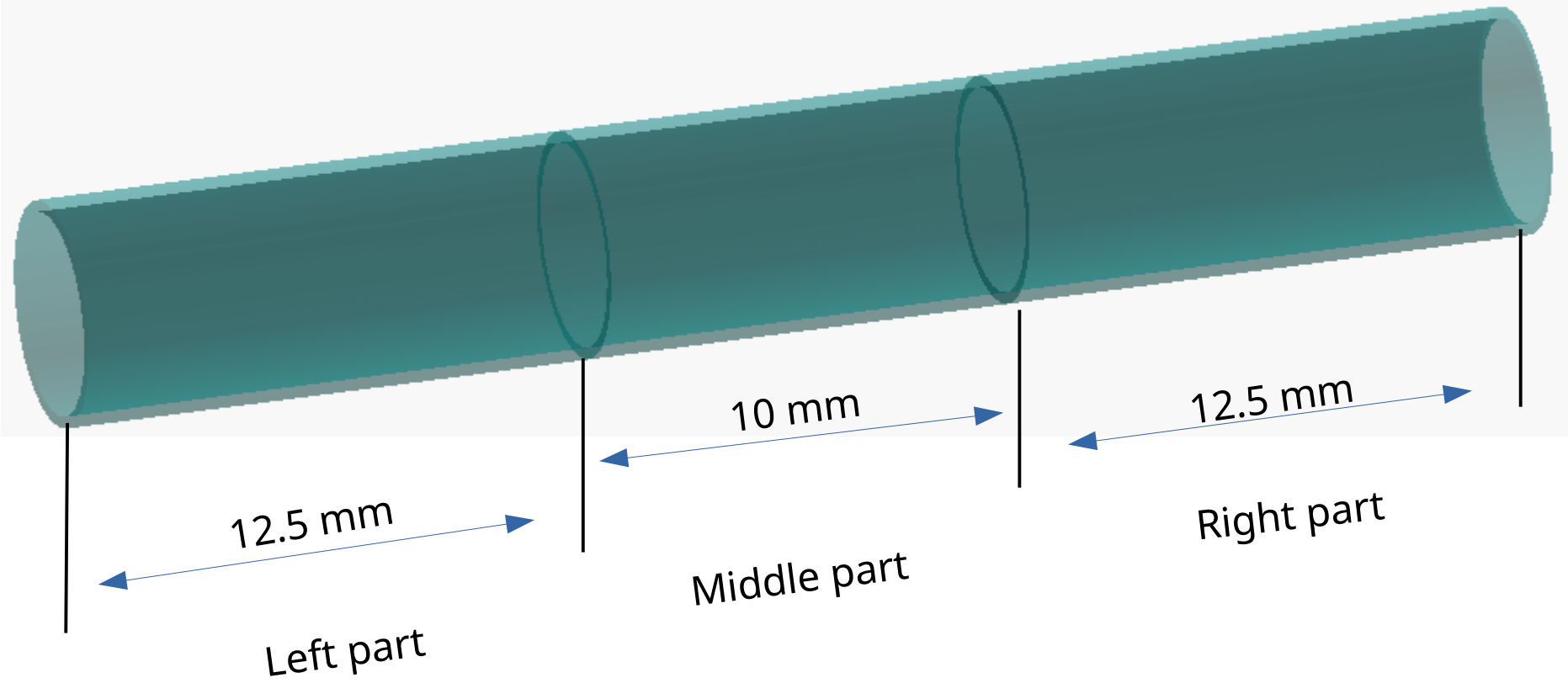


FCalPulse modeling progress report

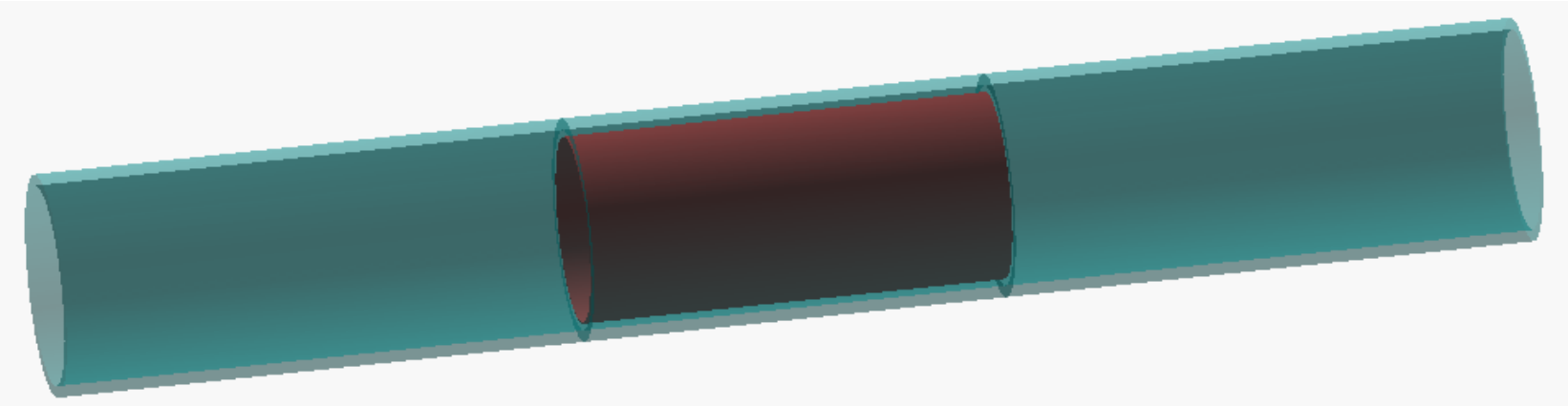
M. Manashova

11/07/2022

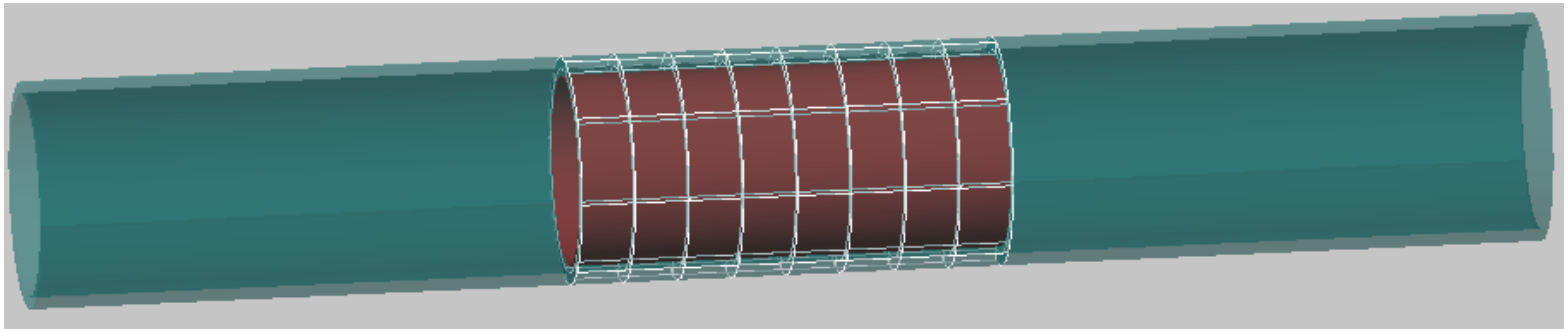
Divide LAr into 3 part



Geometry of LAr with foil

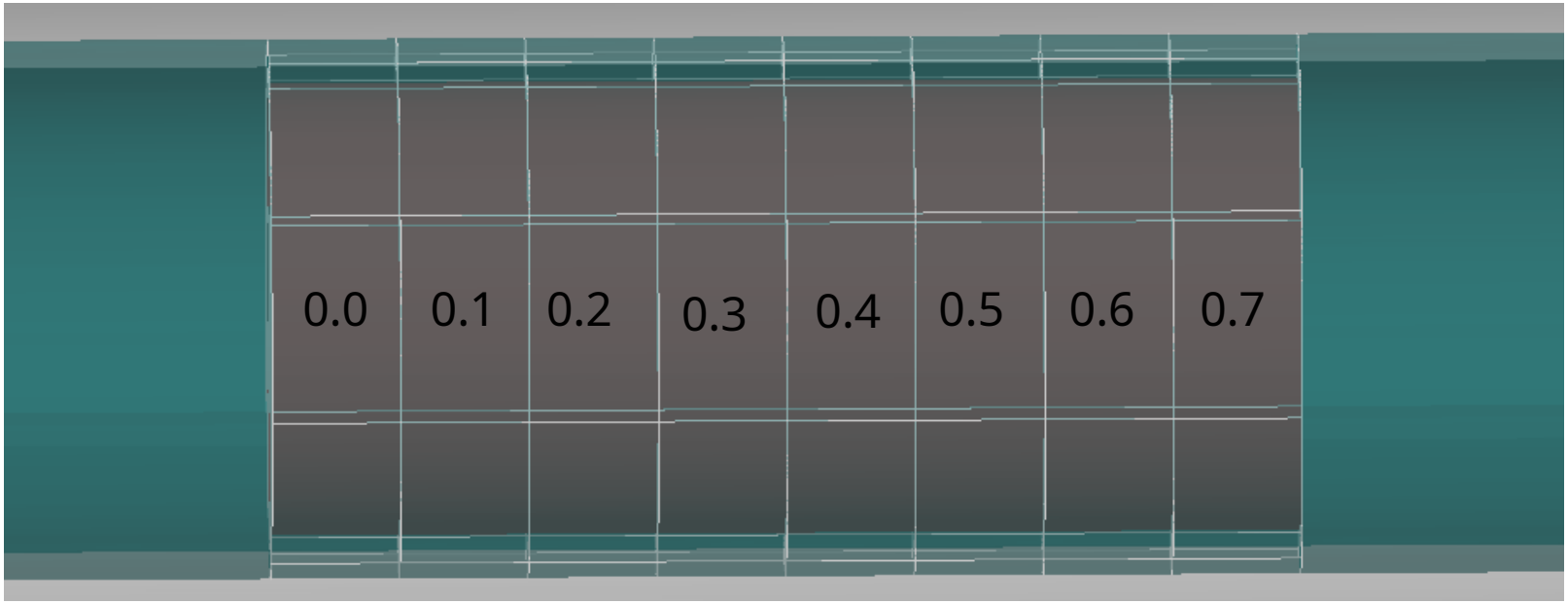


Middle part of LAr without split



Middle part of LAr divided into 64 cell (phi-Z, 8x8)

Cell visualization



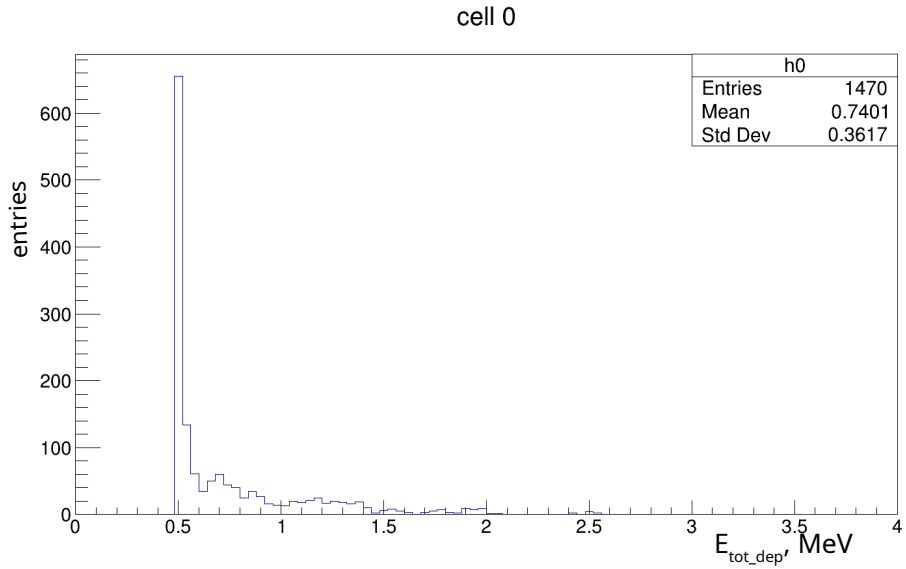
0.0

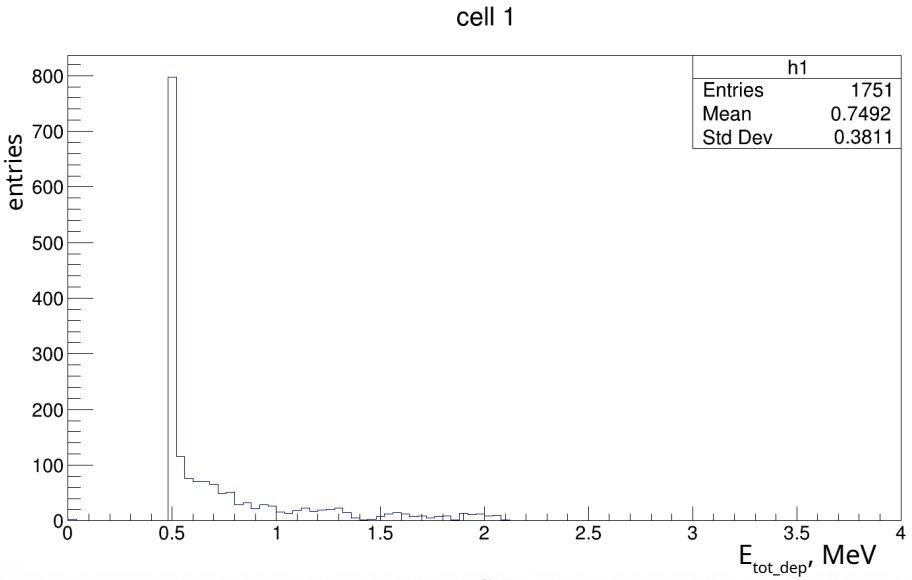
phi numbering

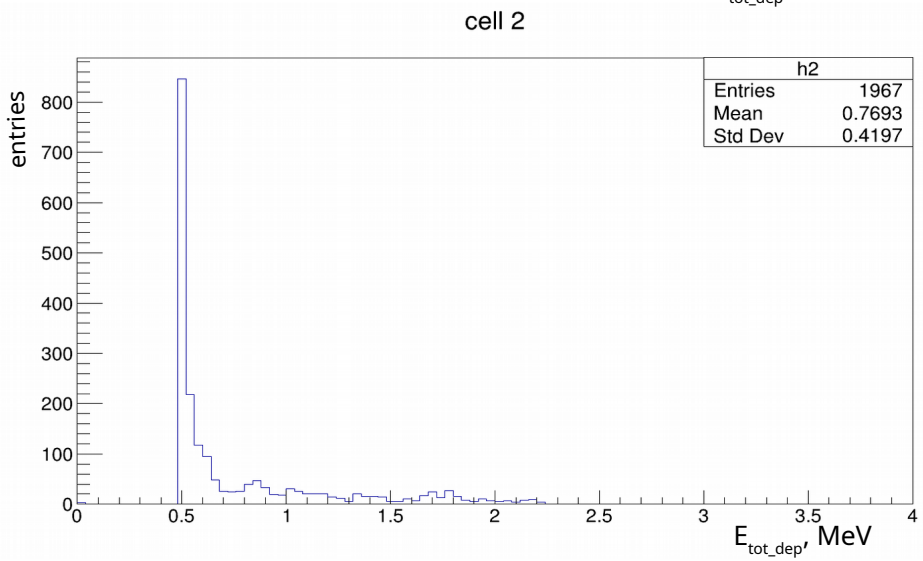
cell numbering

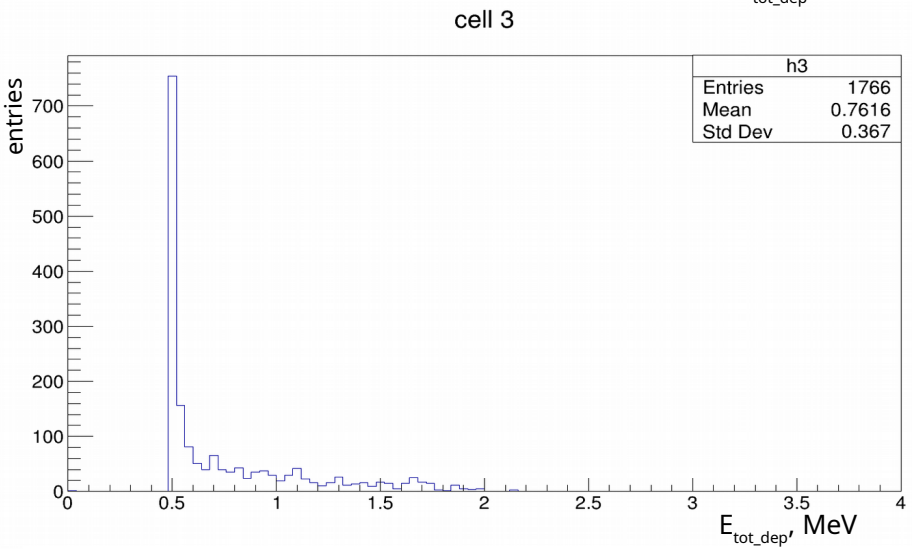
on the next slide shows of the distribution of the total deposited energy in these cells

Distribution of total deposited energy (mother volume #0)

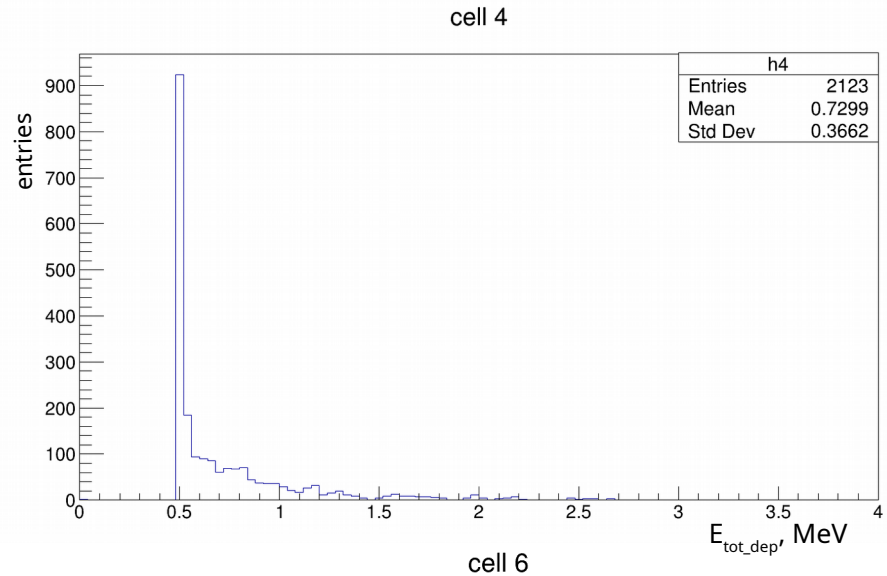


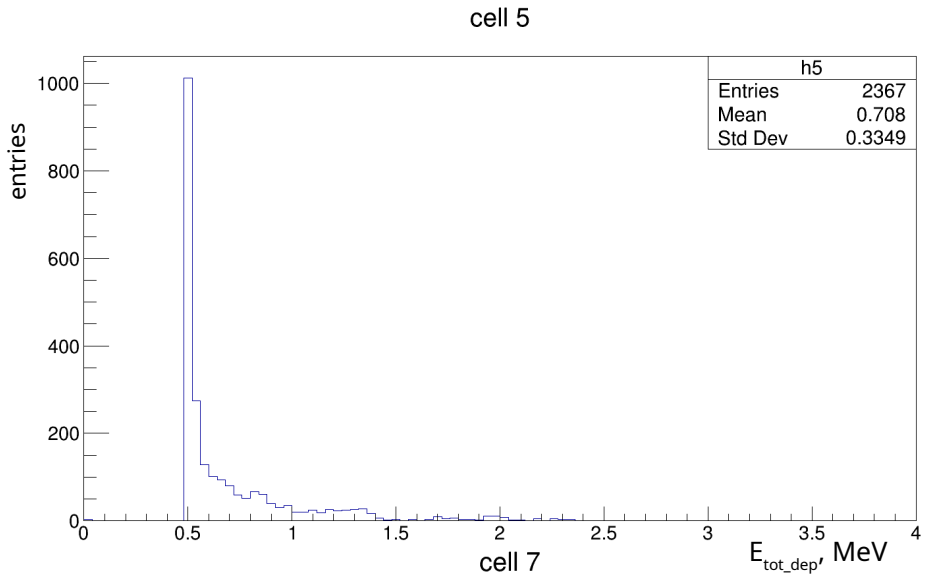


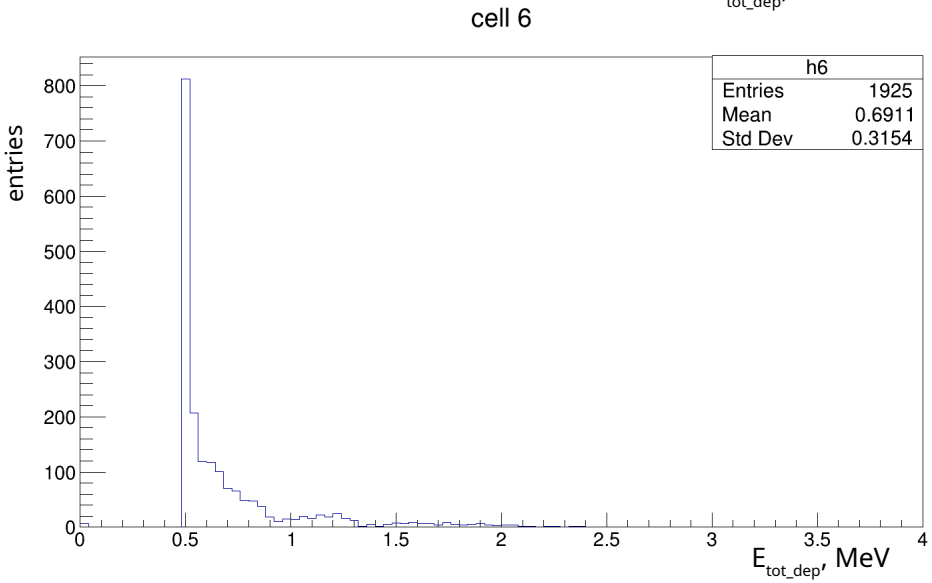


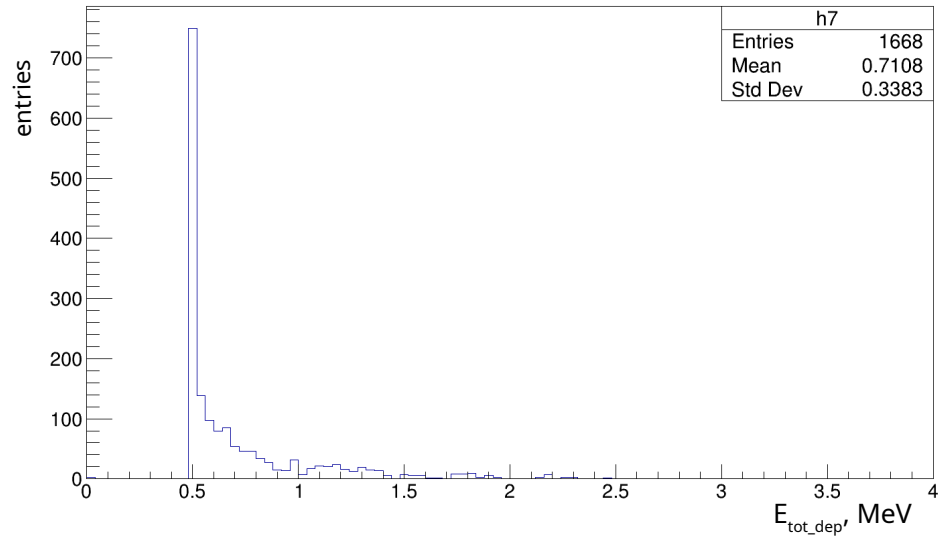


Distribution of total deposited energy (mother volume #0)

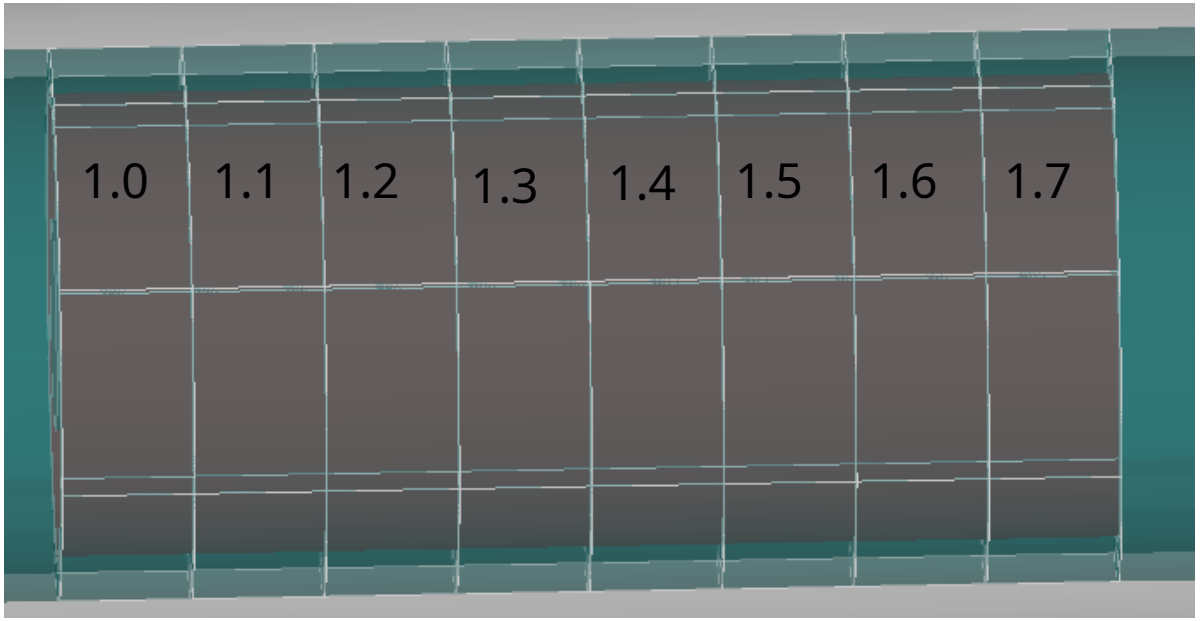








Cell visualization



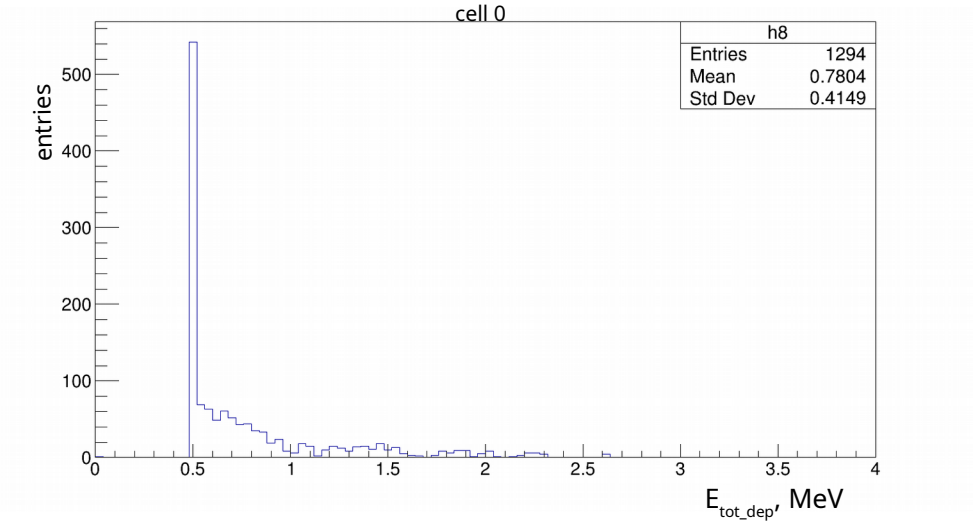
1.0

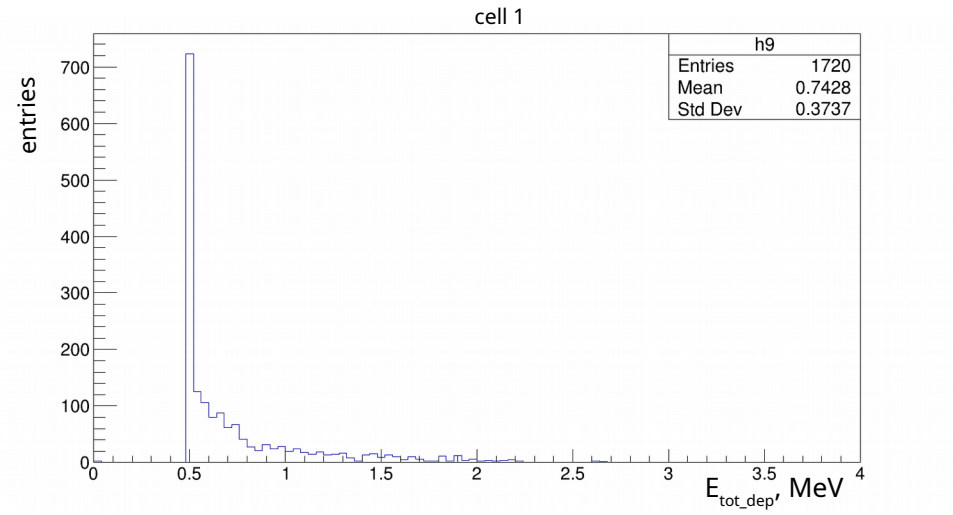
phi numbering

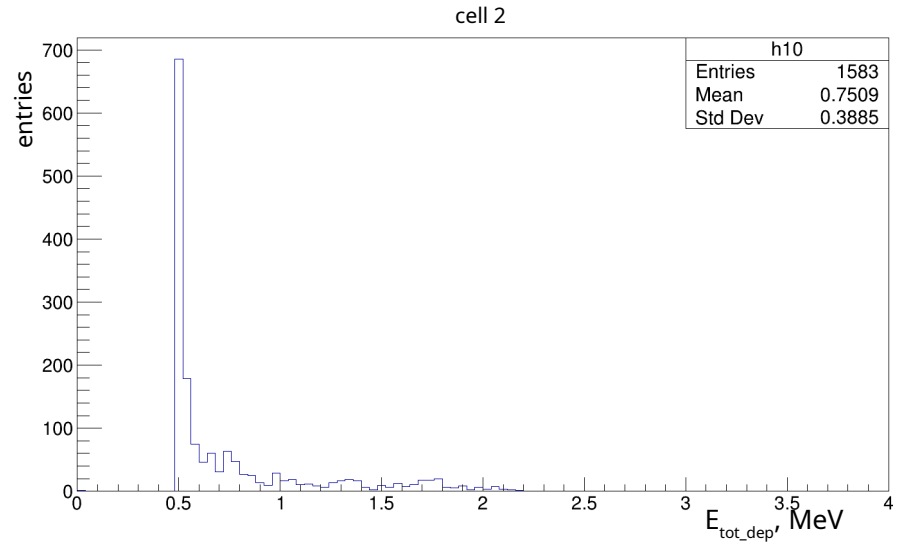
cell numbering

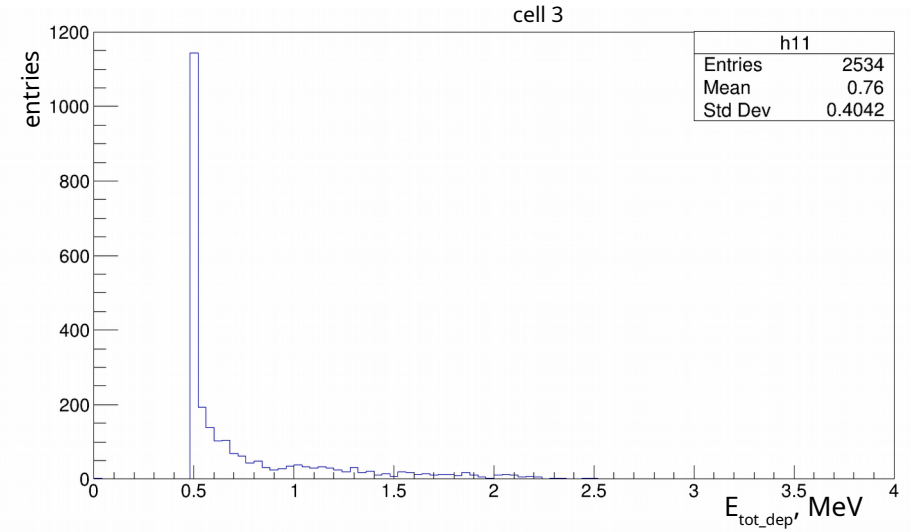
on the next slide shows of the distribution of the total deposited energy in these cells

Distribution of total deposited energy (mother volume #1)

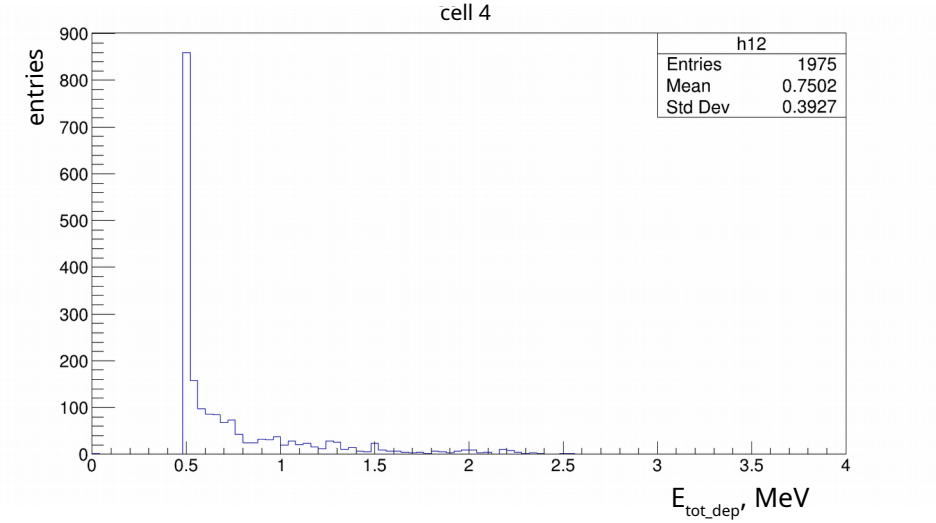


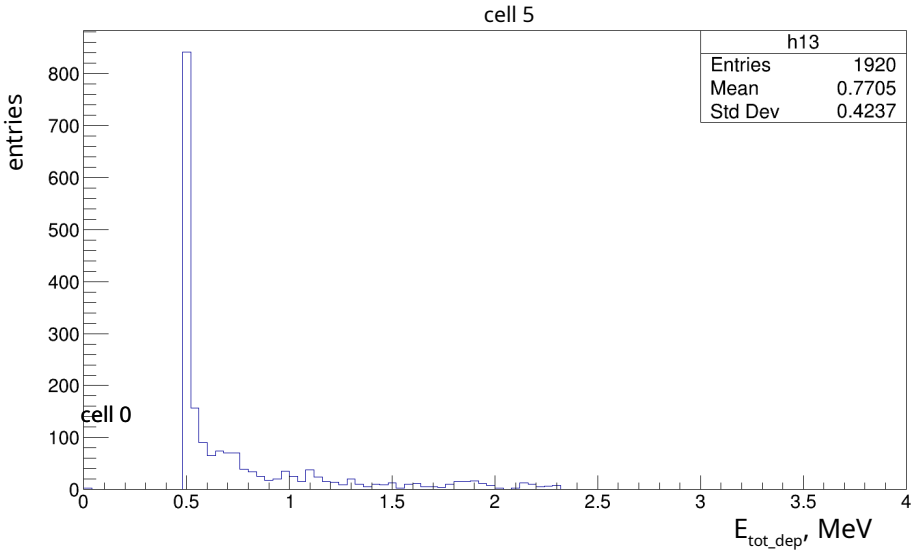


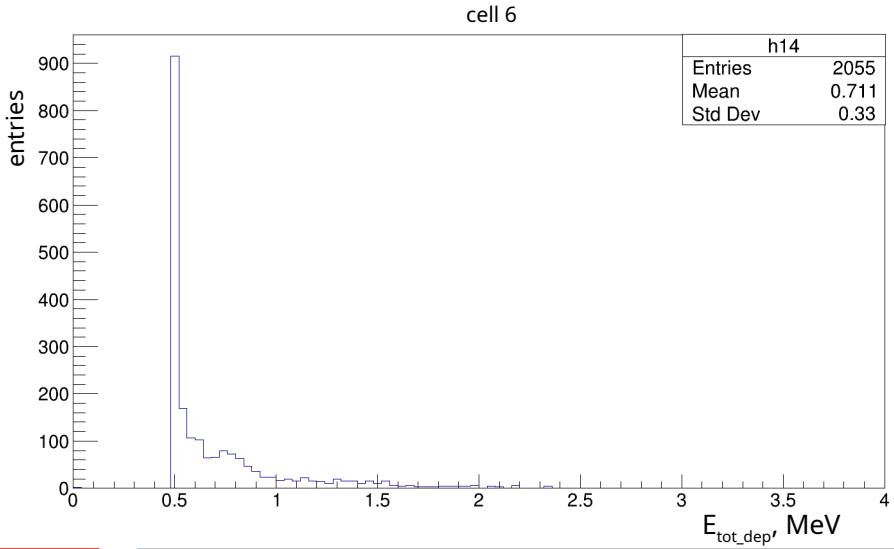


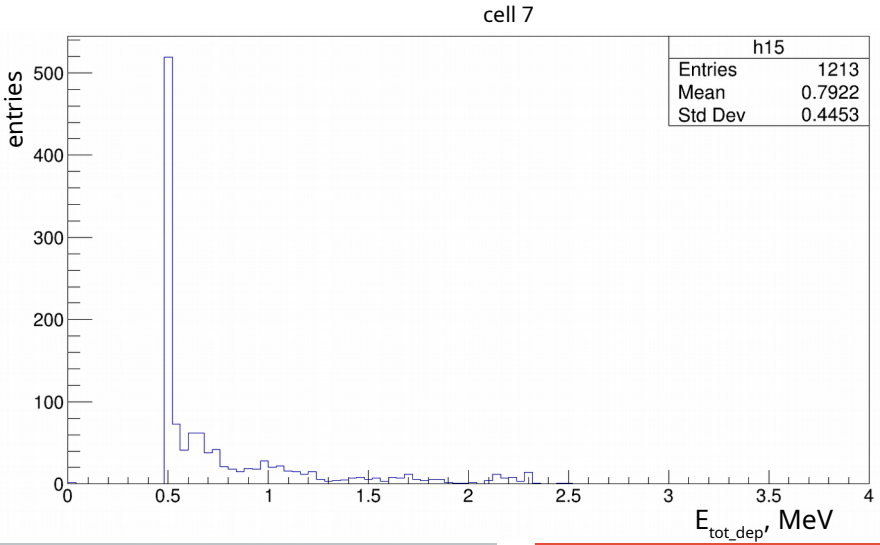


Distribution of total deposited energy (mother volume #1)

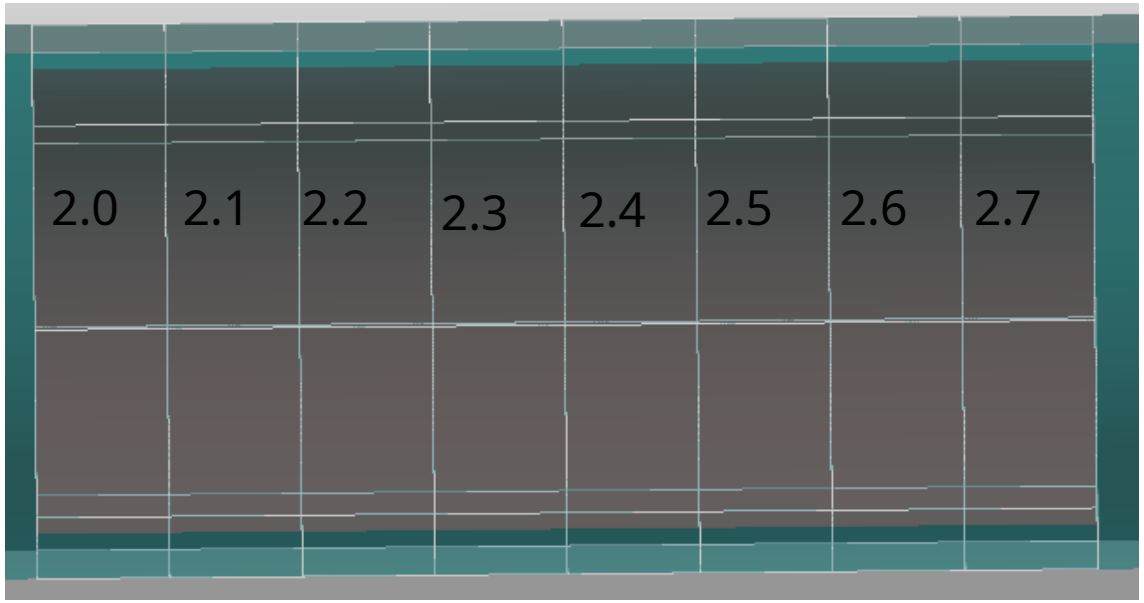








Cell visualization



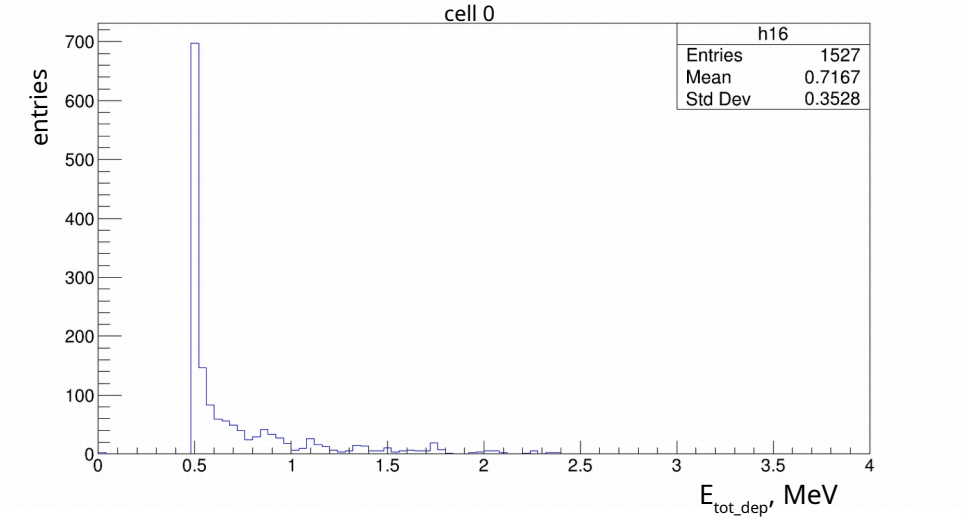
2.0

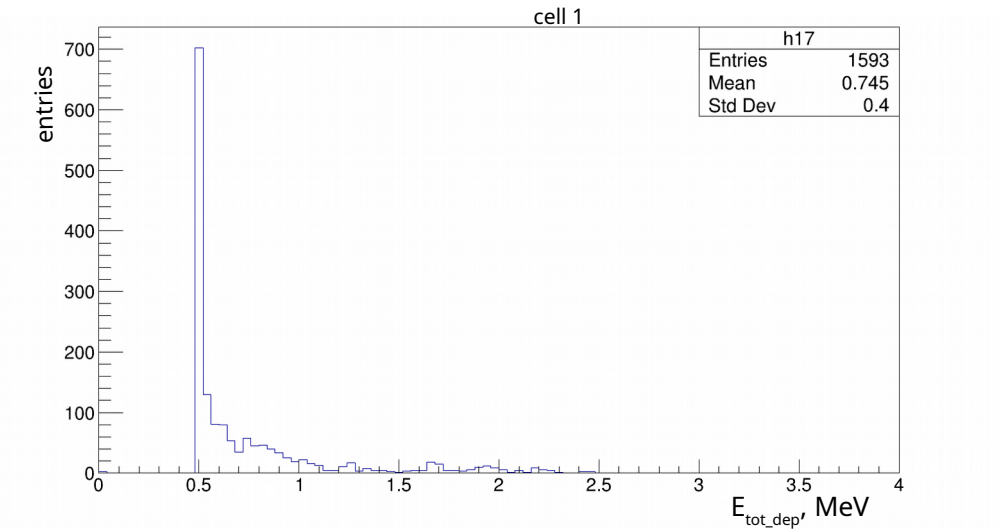
phi numbering

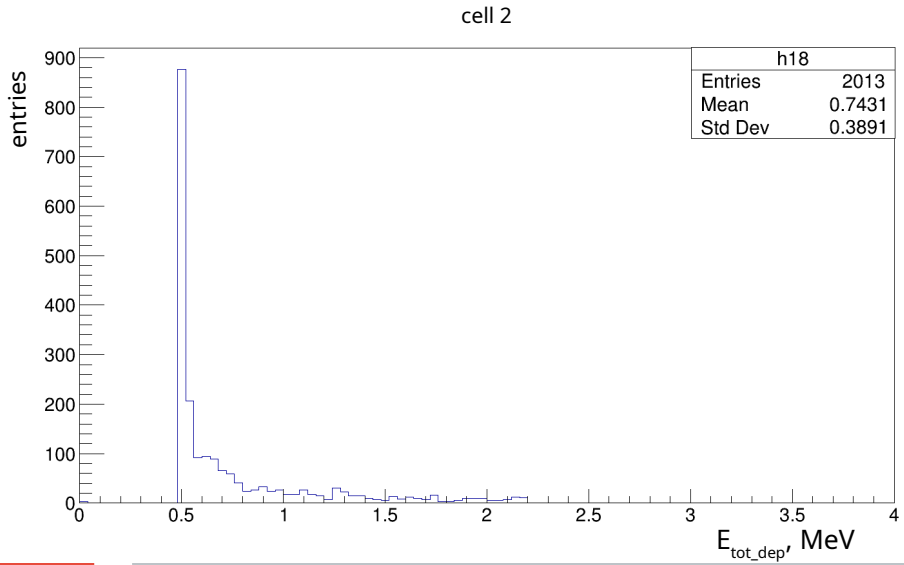
cell numbering

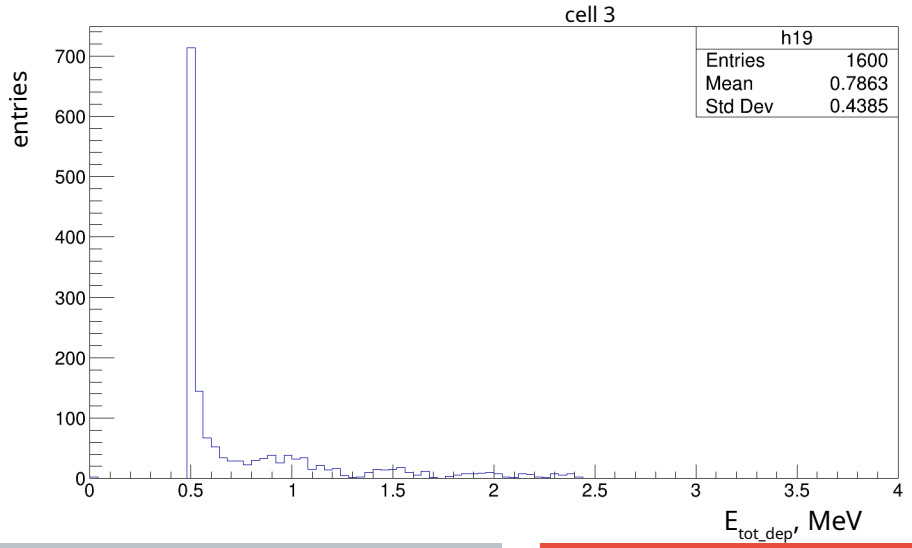
on the next slide shows of the distribution of the total deposited energy in these cells

Distribution of total deposited energy (mother volume #2)

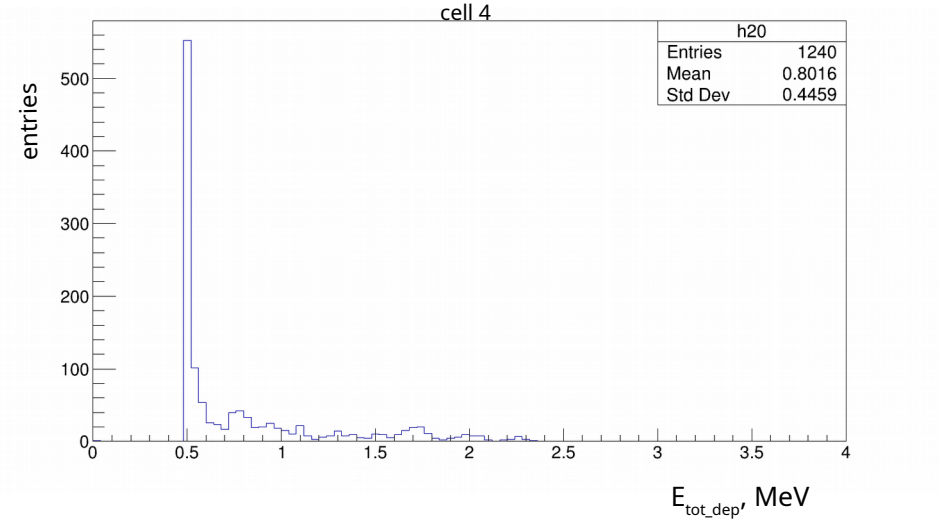


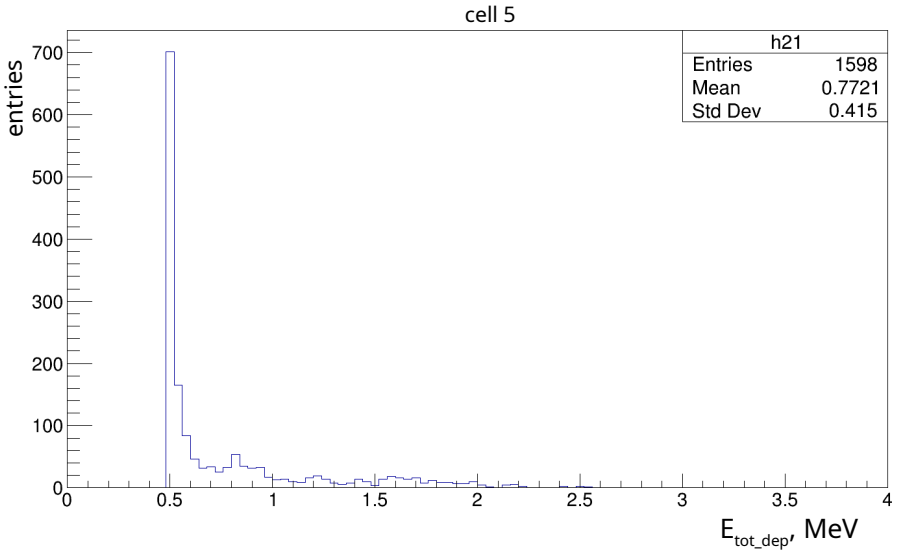


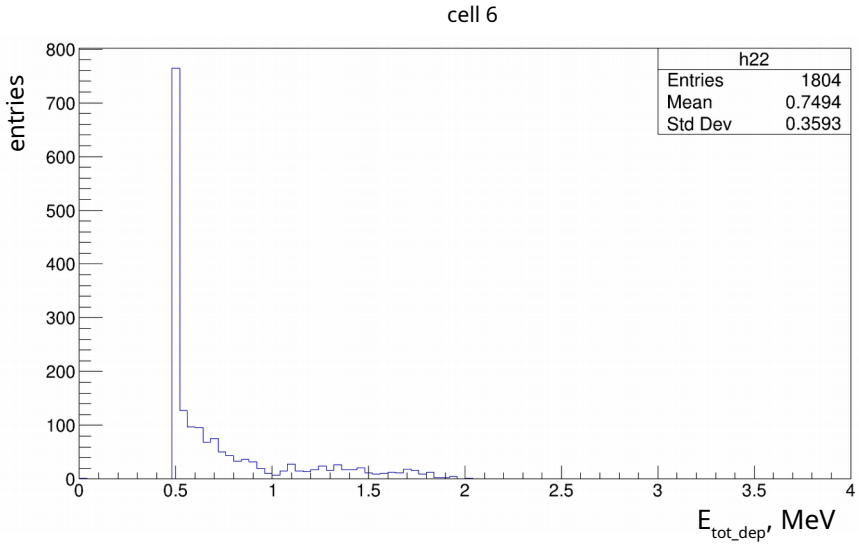


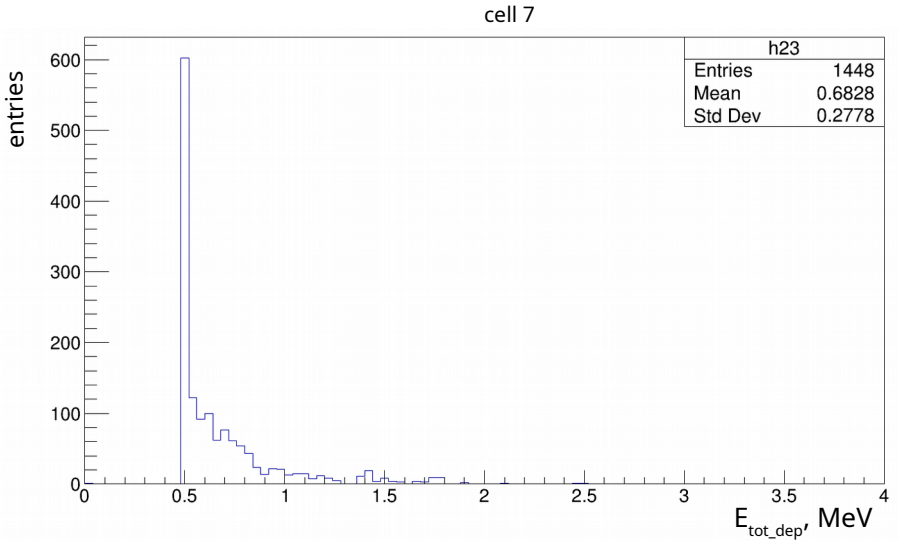


Distribution of total deposited energy (mother volume #2)

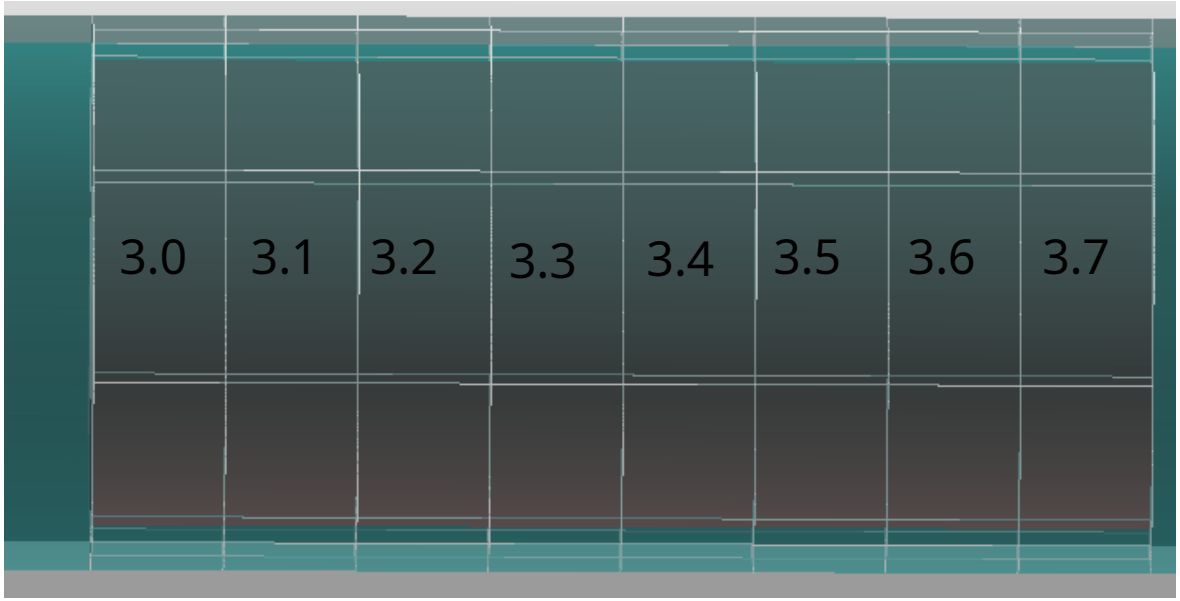






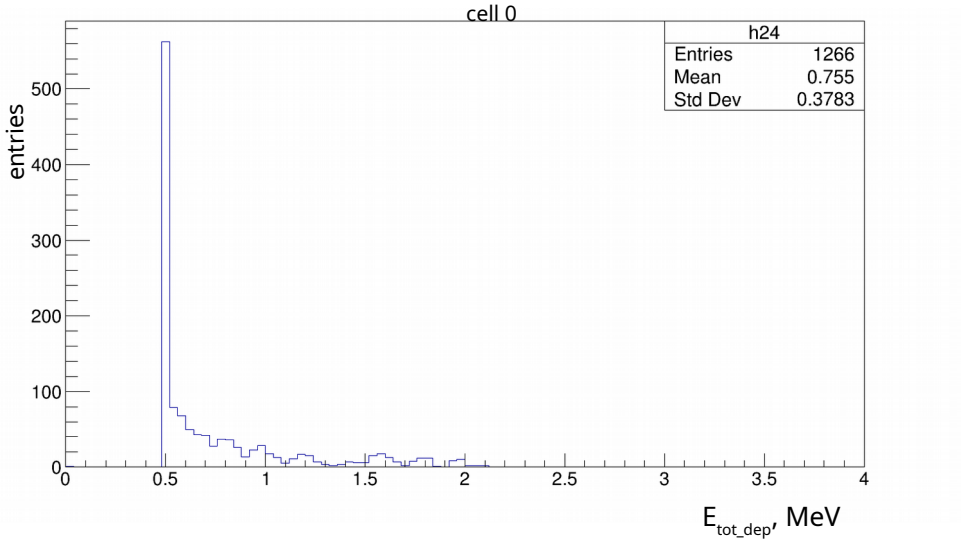


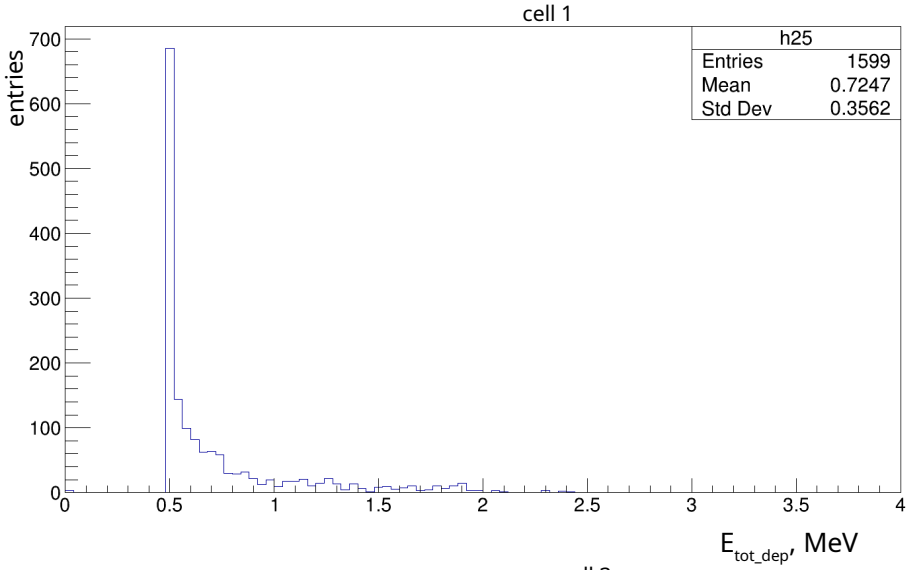
Cell visualization

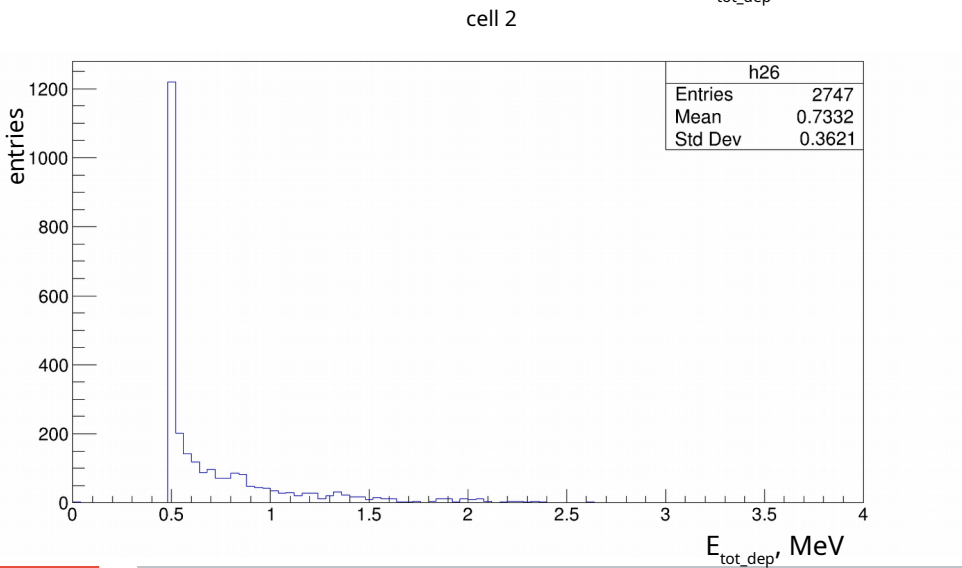


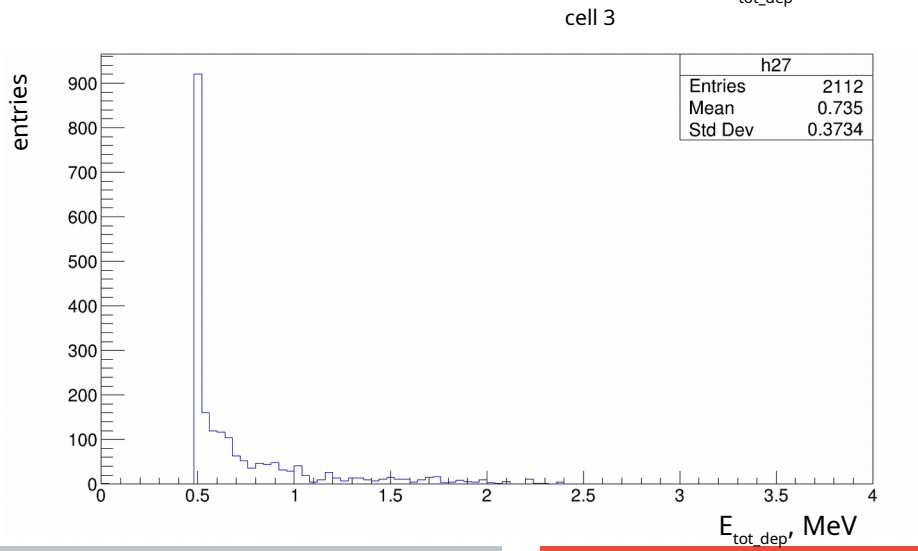
on the next slide shows of the distribution of the total deposited energy in these cells

Distribution of total deposited energy (mother volume #3)

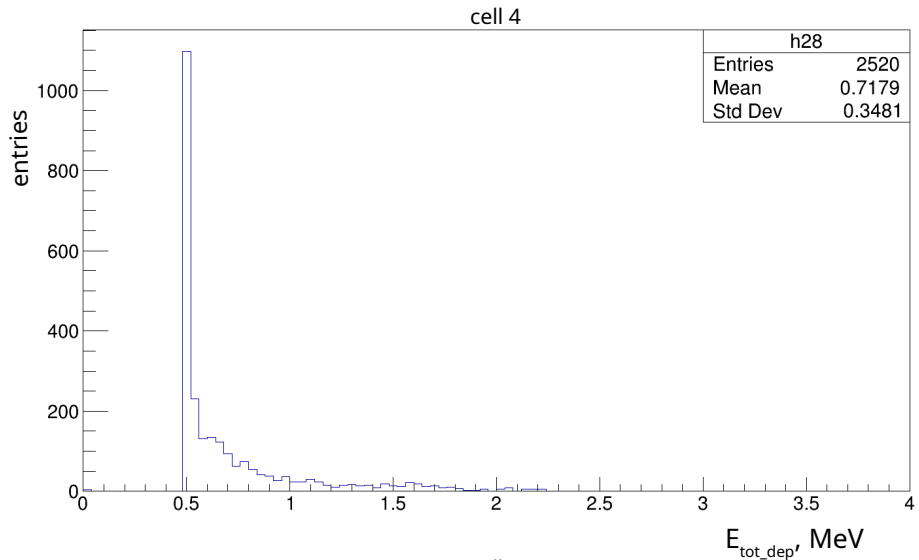


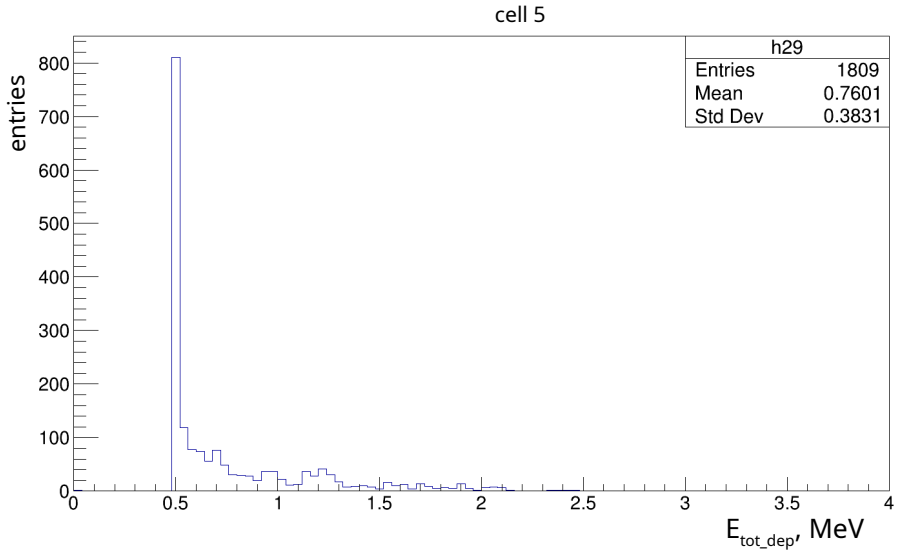


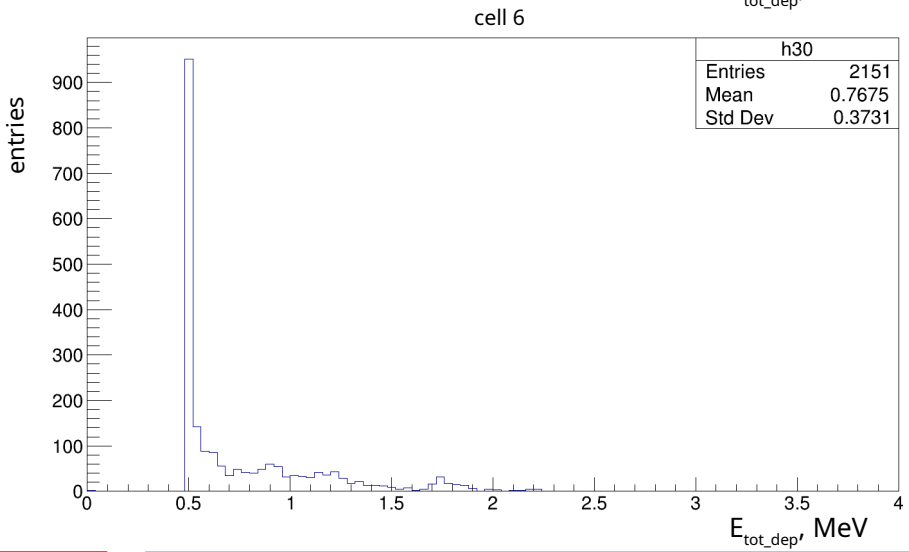


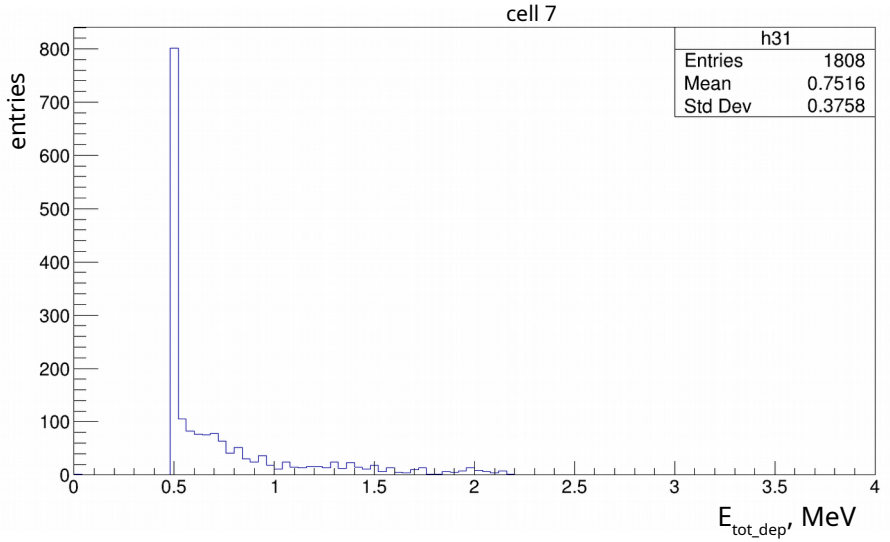


Distribution of total deposited energy (mother volume #3)

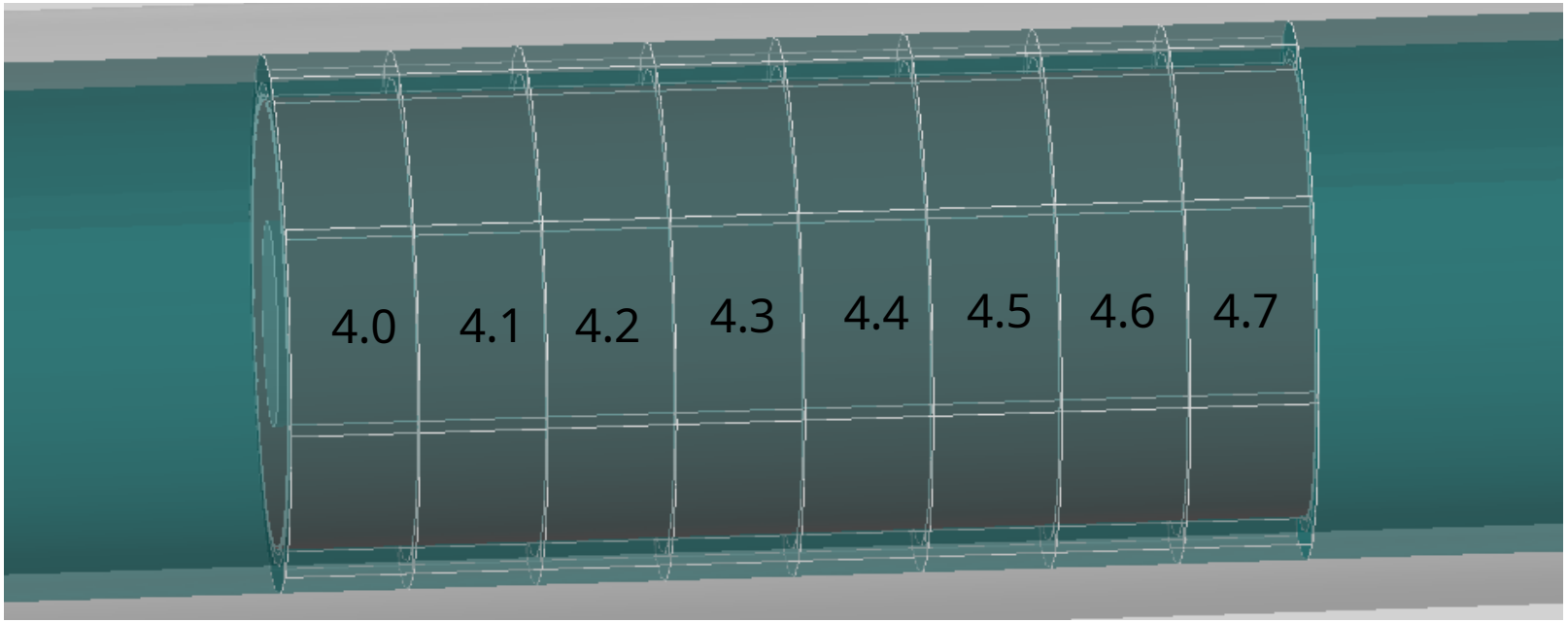






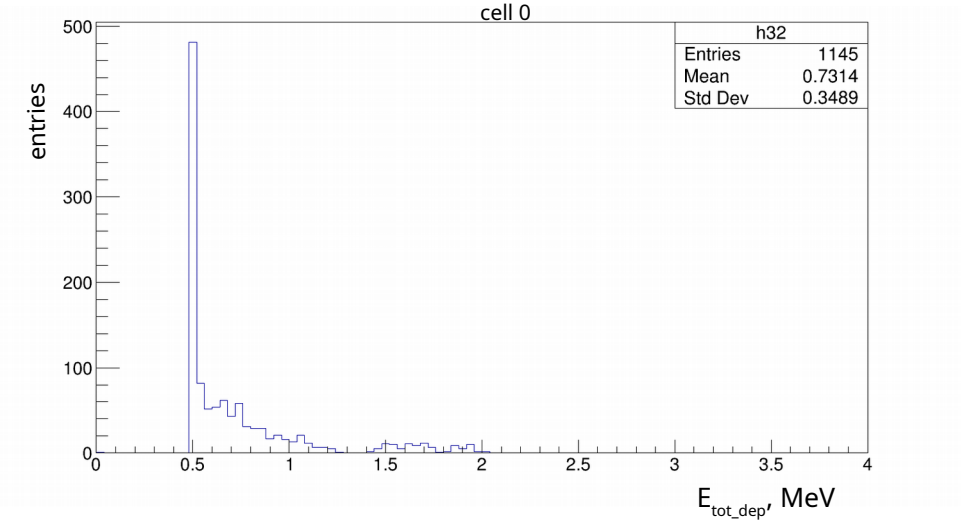


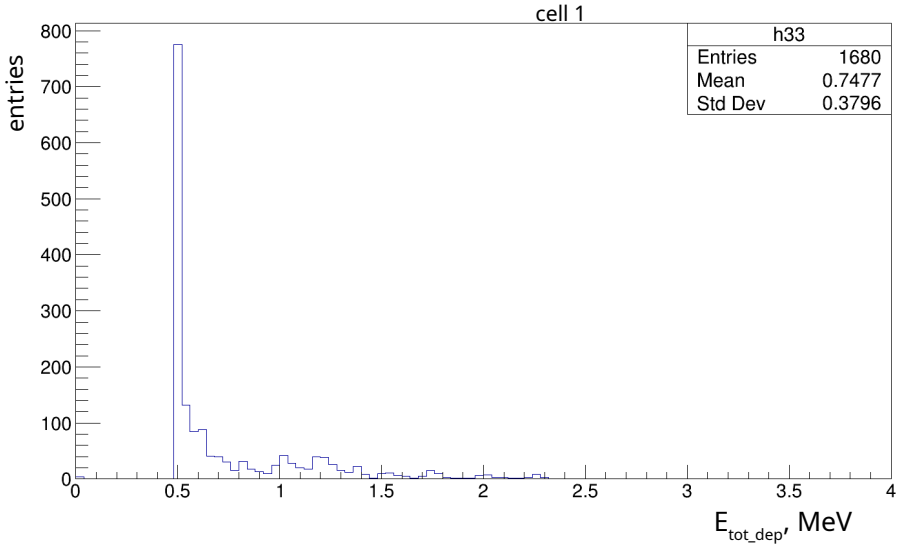
Cell visualization

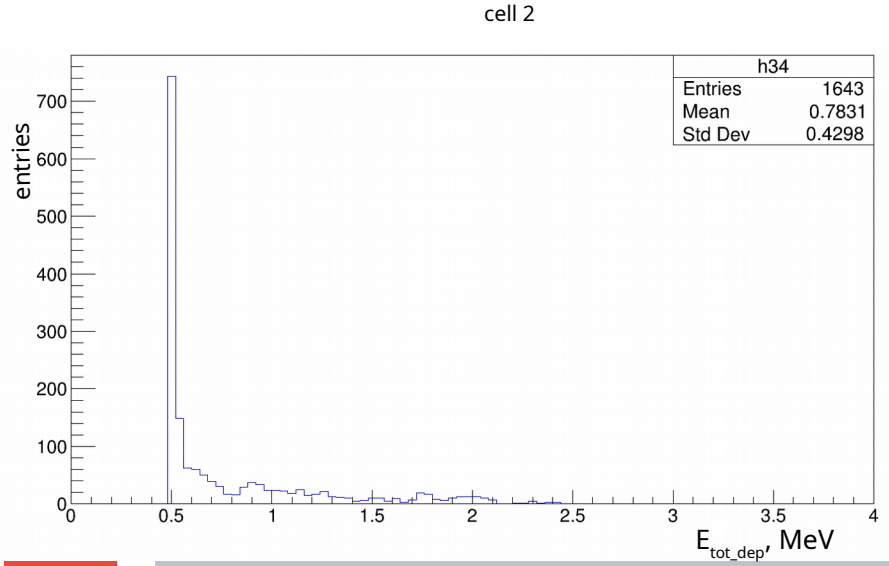


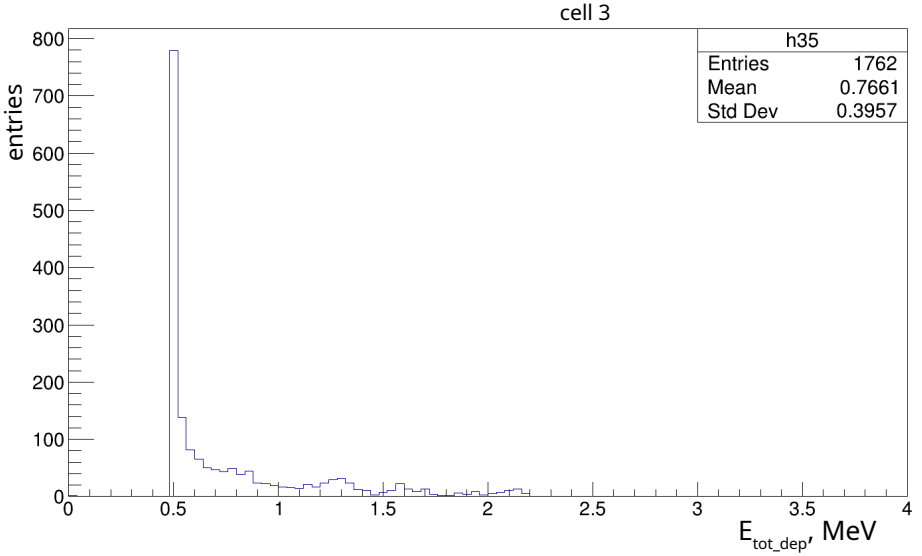
on the next slide shows of the distribution of the total deposited energy in these cells

Distribution of total deposited energy (mother volume #4)

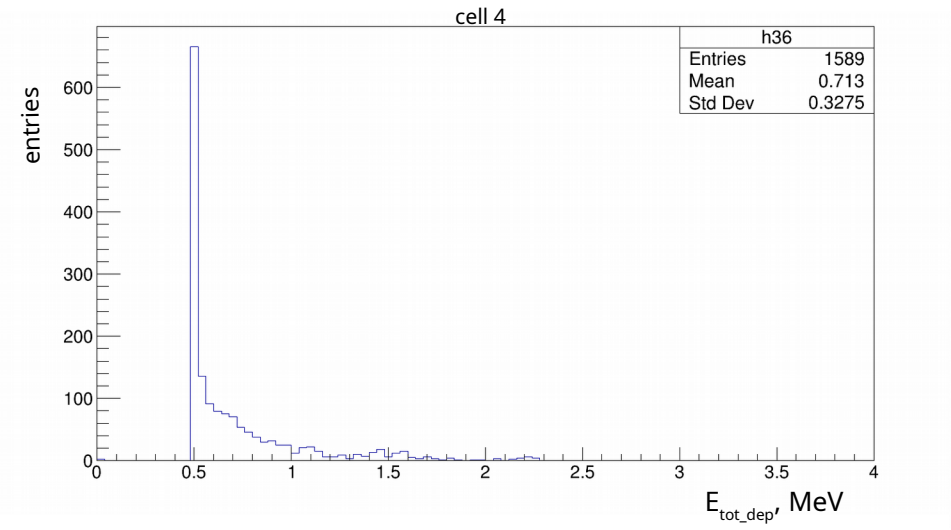


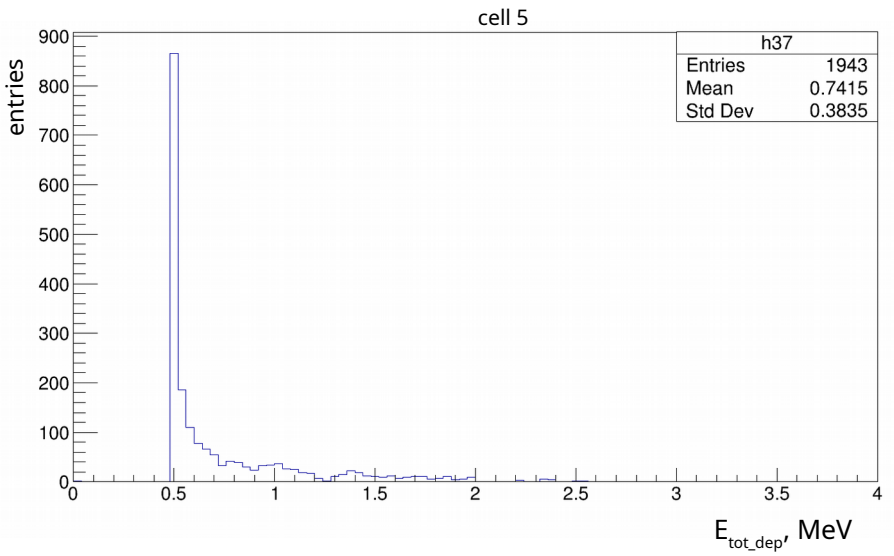


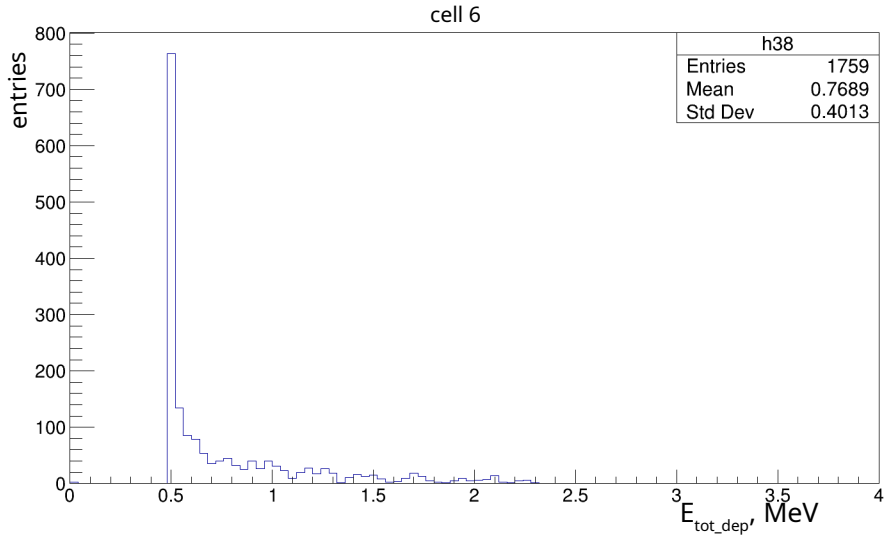


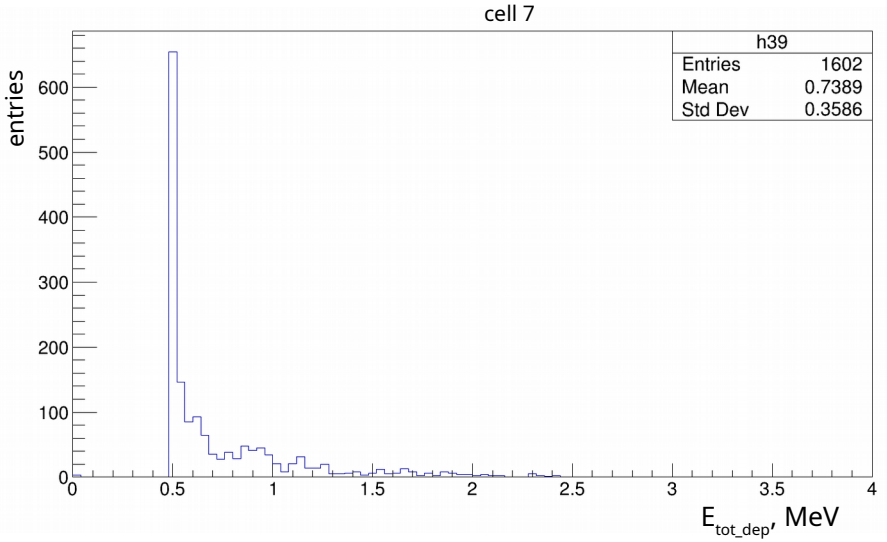


Distribution of total deposited energy (mother volume #4)

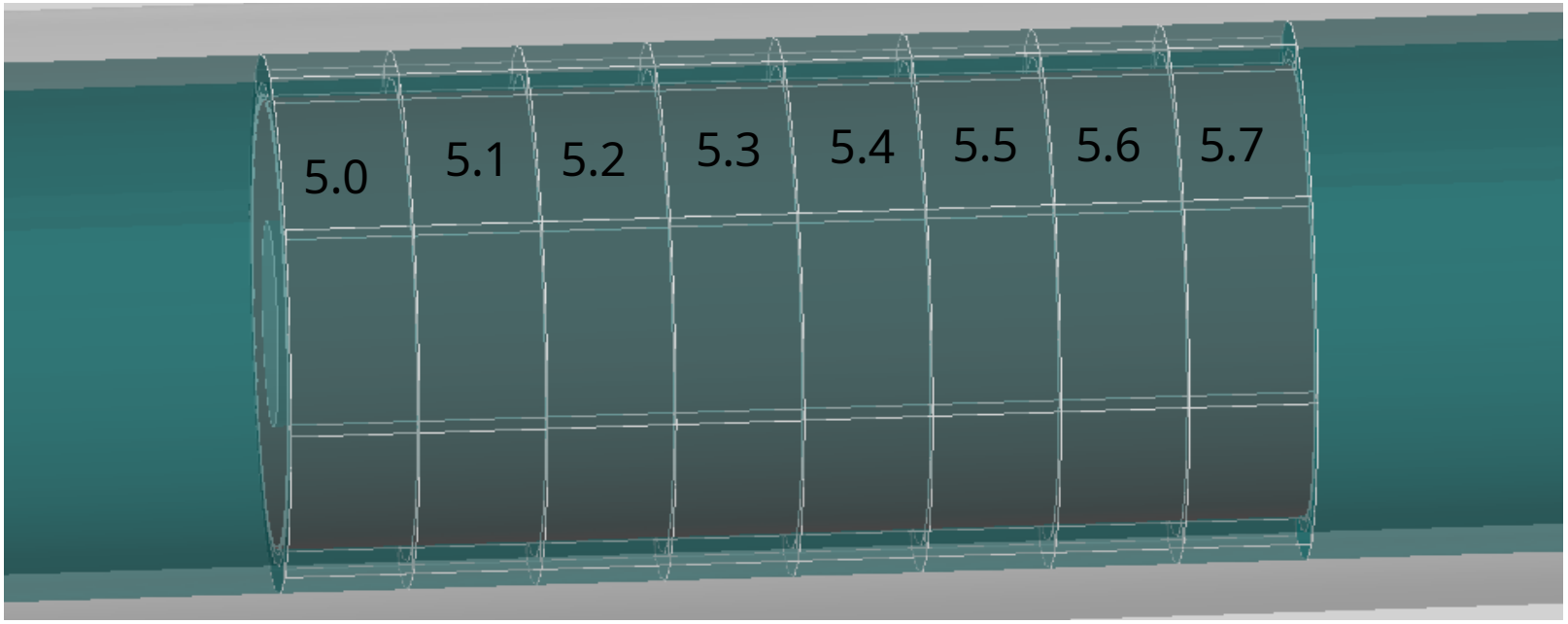






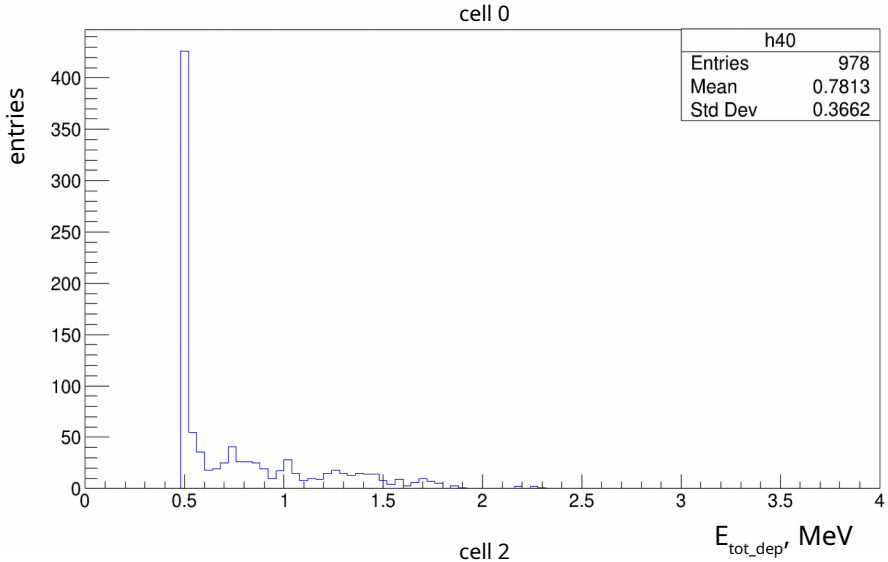


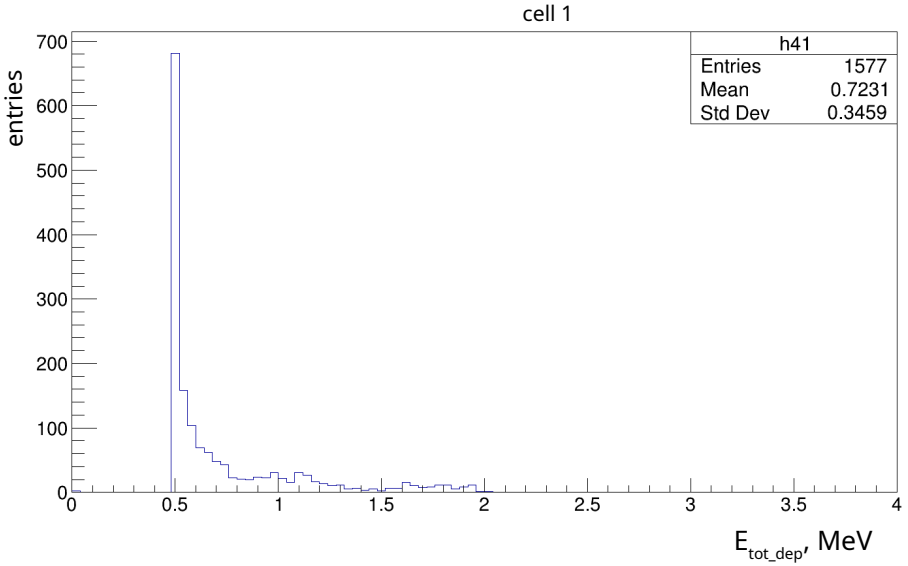
Cell visualization

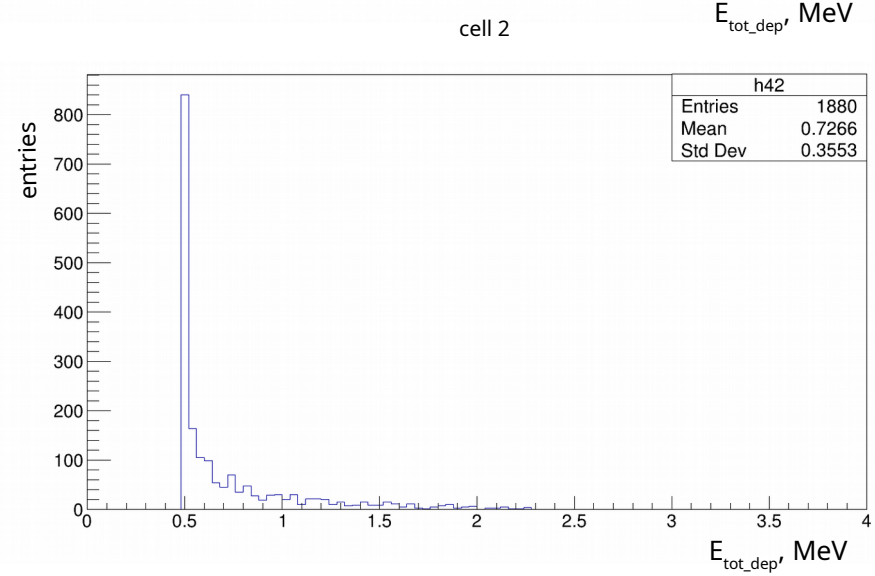


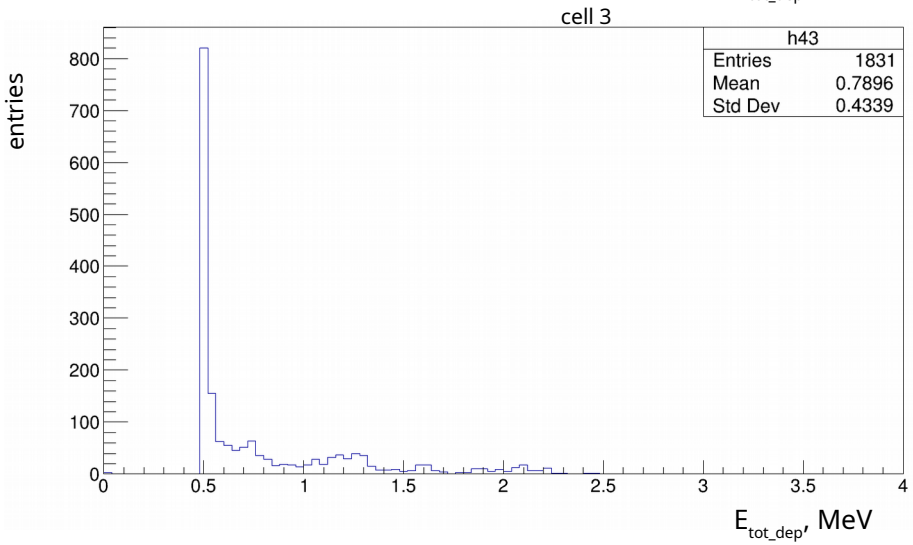
on the next slide shows of the distribution of the total deposited energy in these cells

Distribution of total deposited energy (mother volume #5)

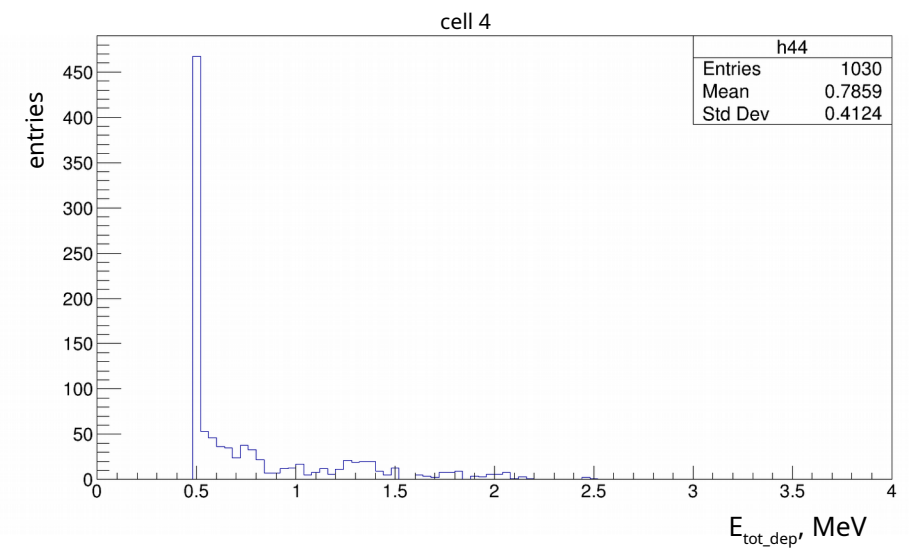


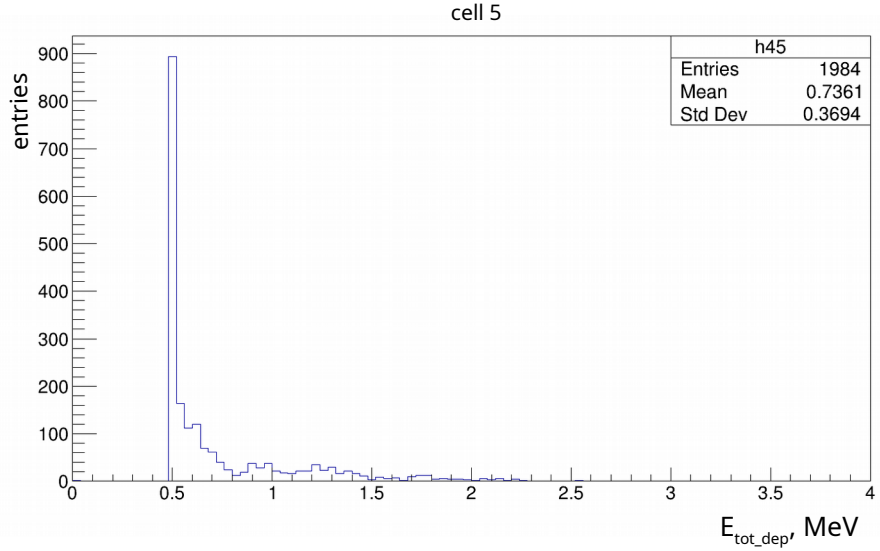


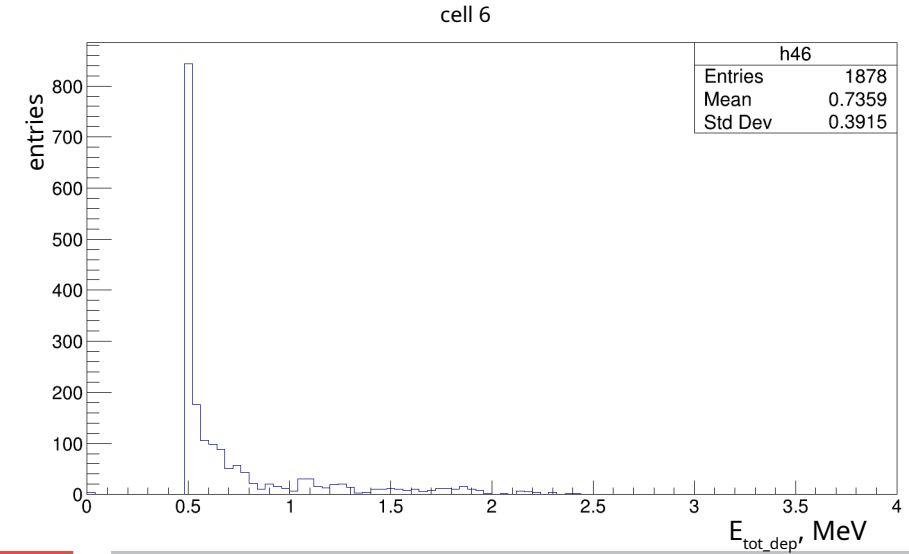


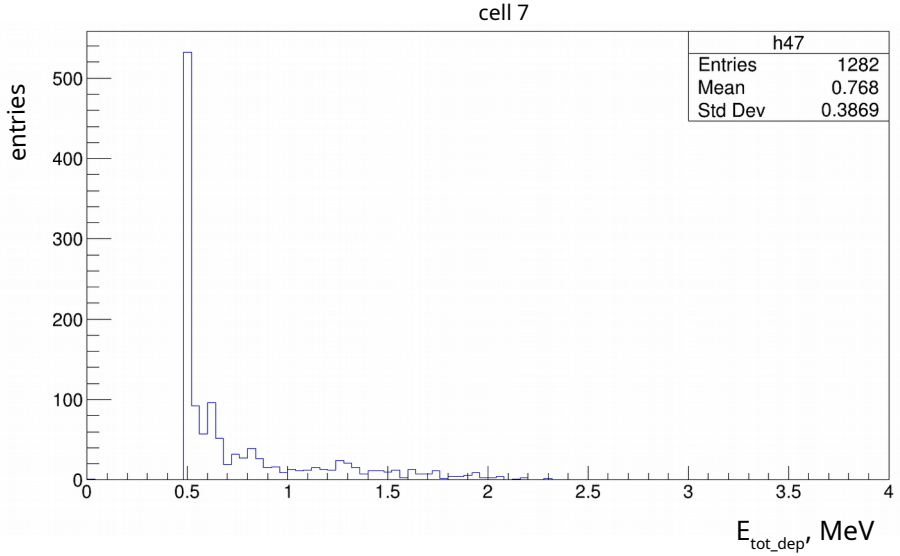


Distribution of total deposited energy (mother volume #5)

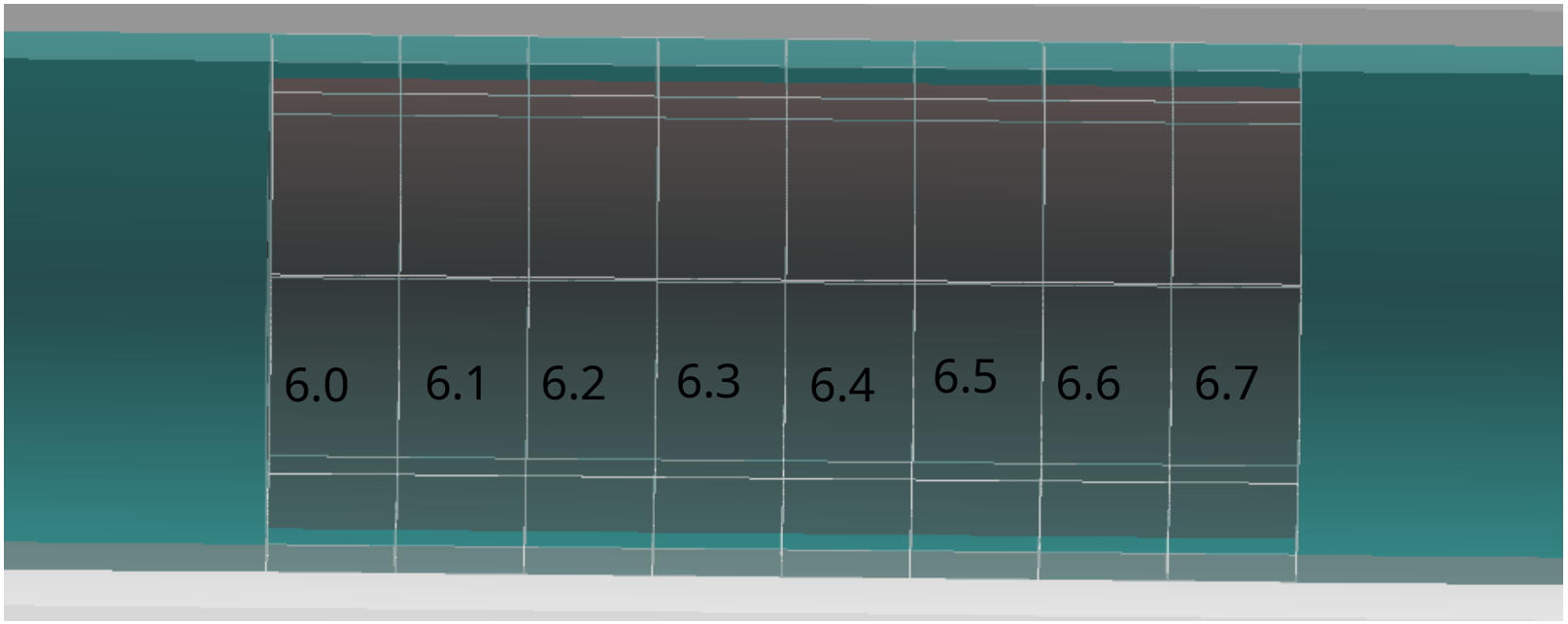






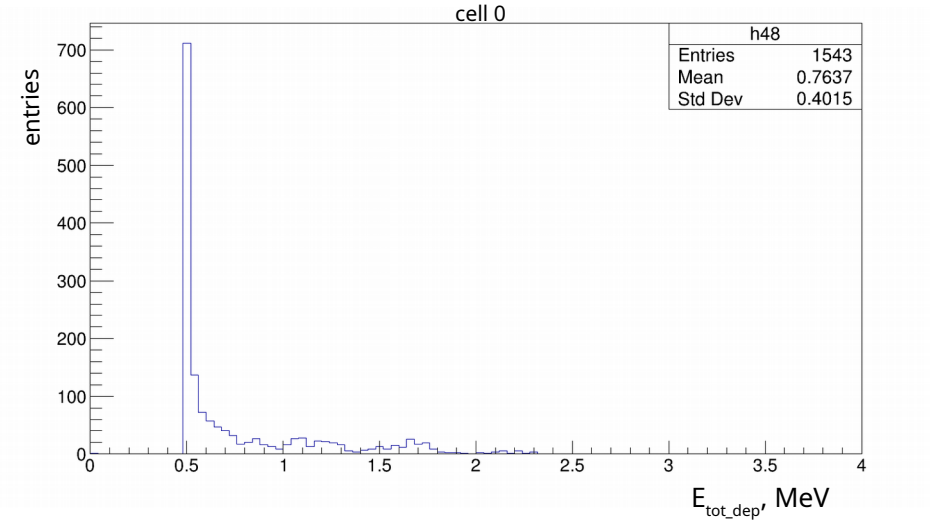


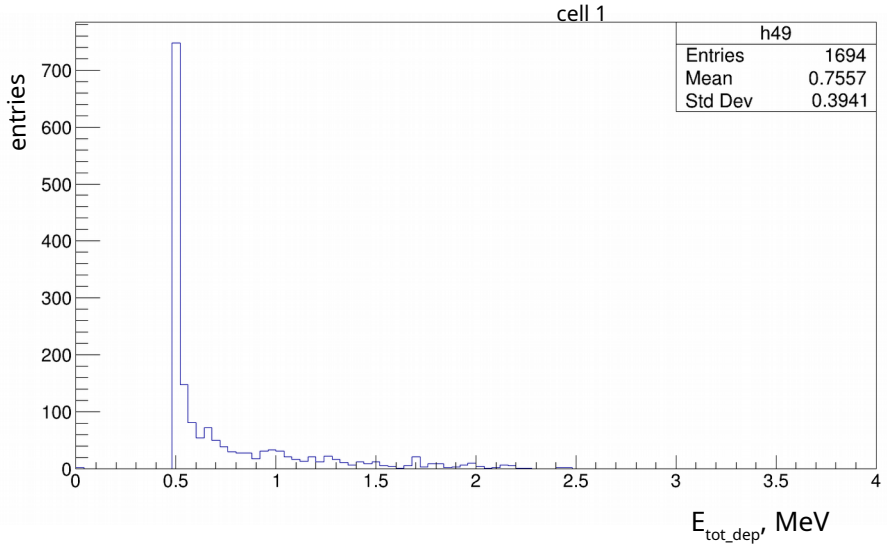
Cell visualization

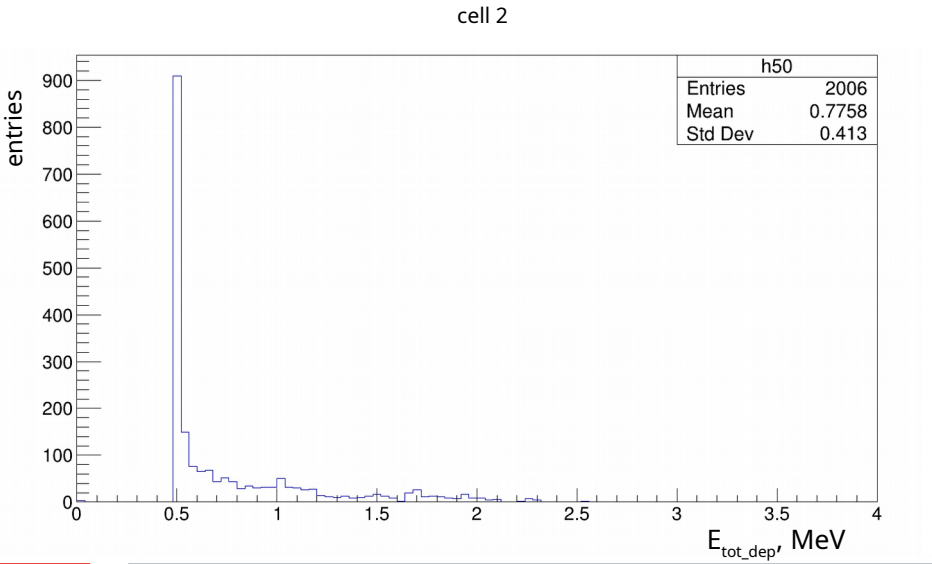


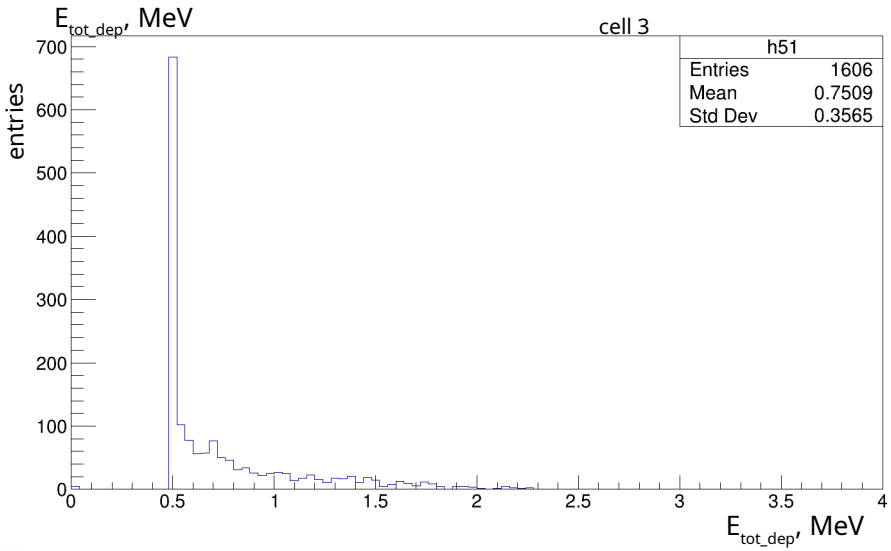
on the next slide shows of the distribution of the total deposited energy in these cells →

Distribution of total deposited energy (mother volume #6)

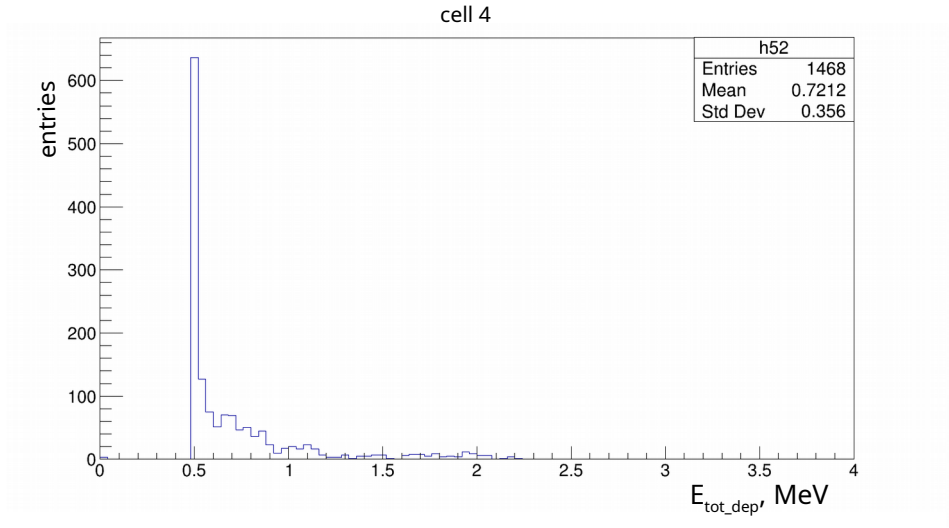


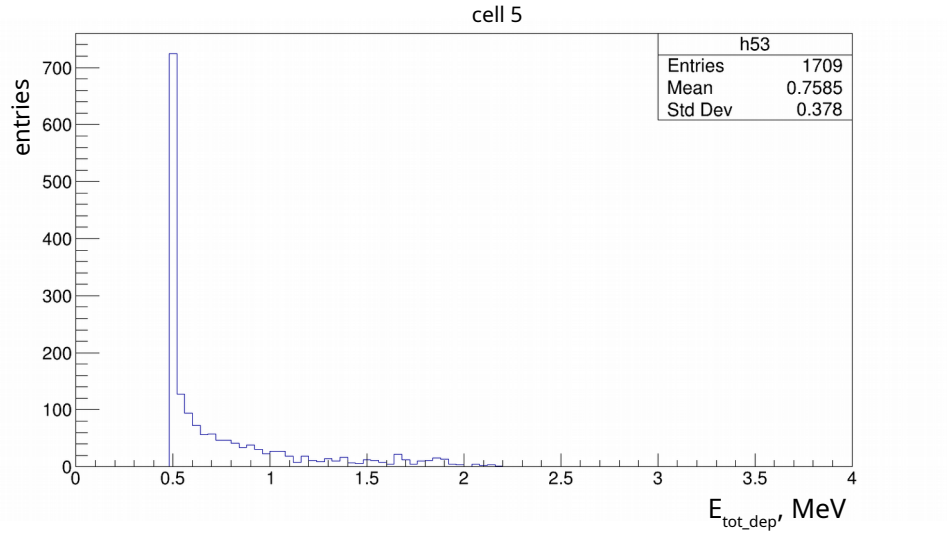


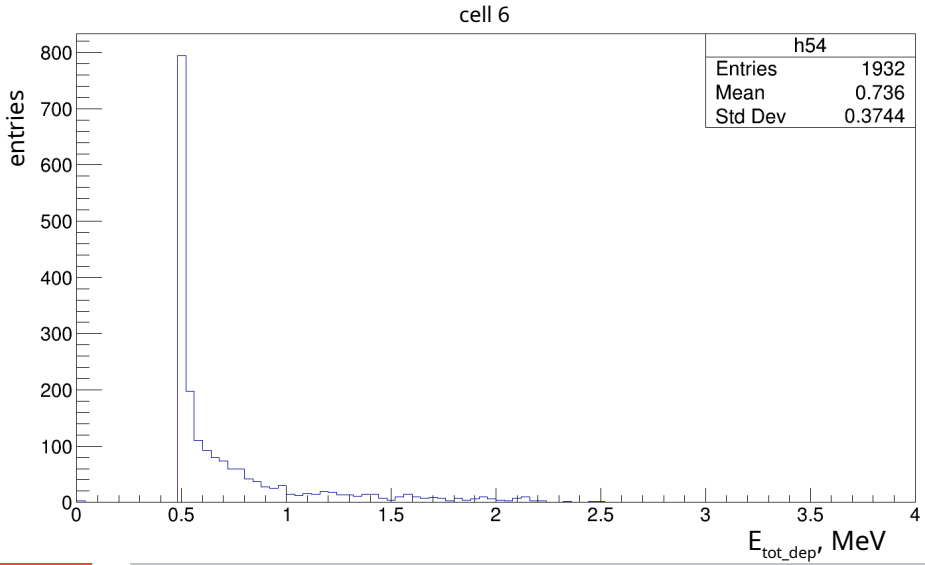


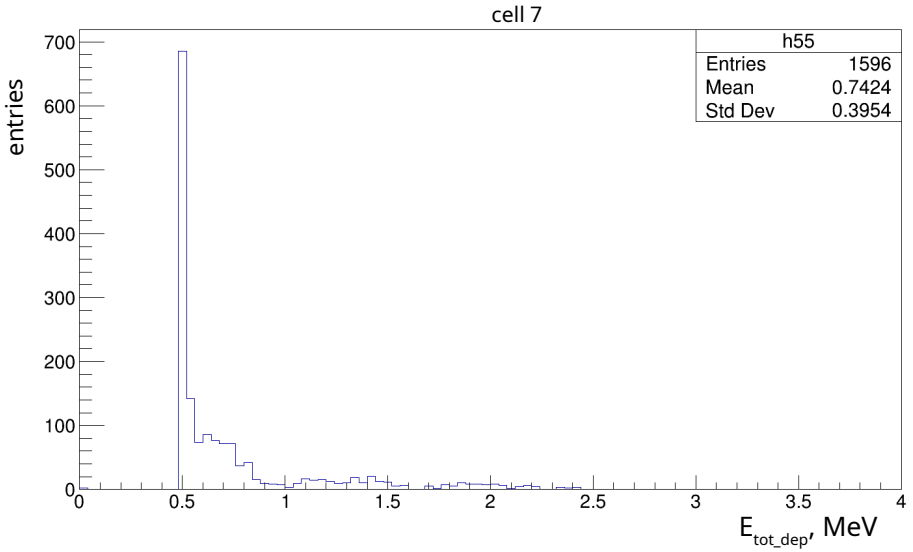


Distribution of total deposited energy (mother volume #6)

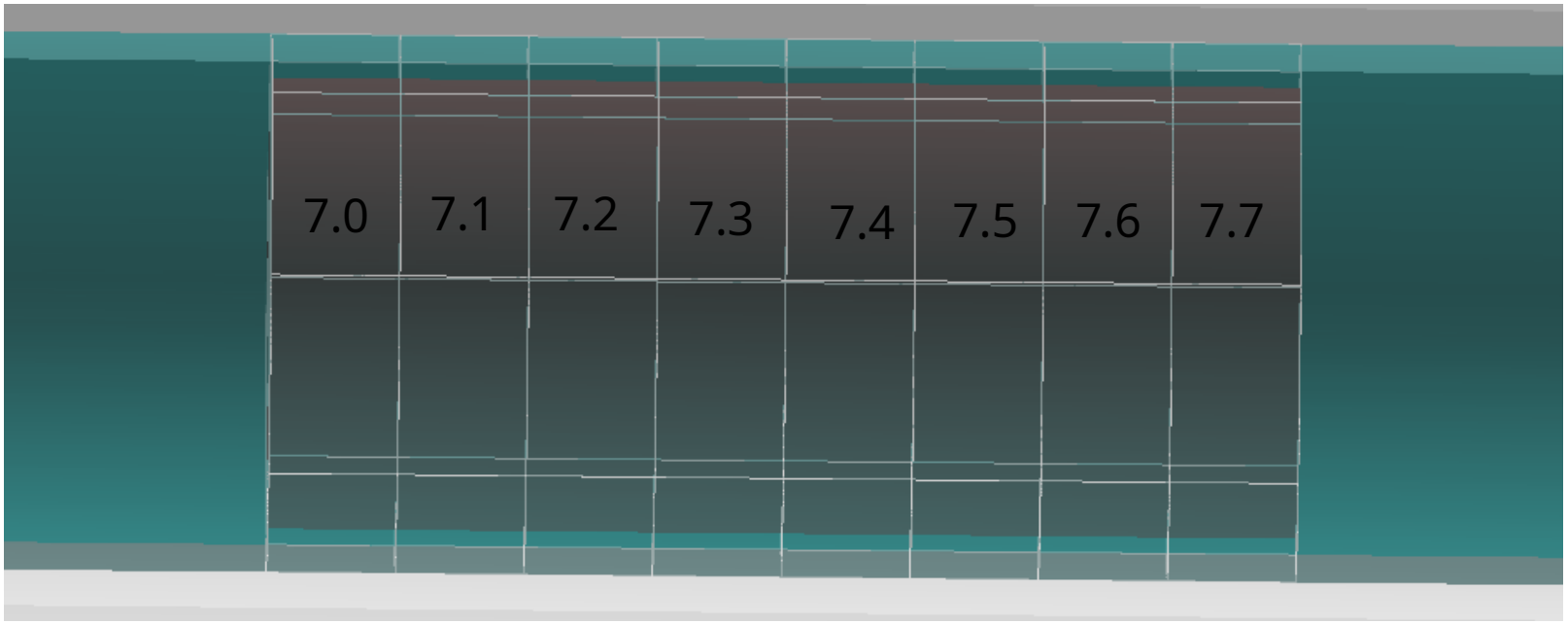






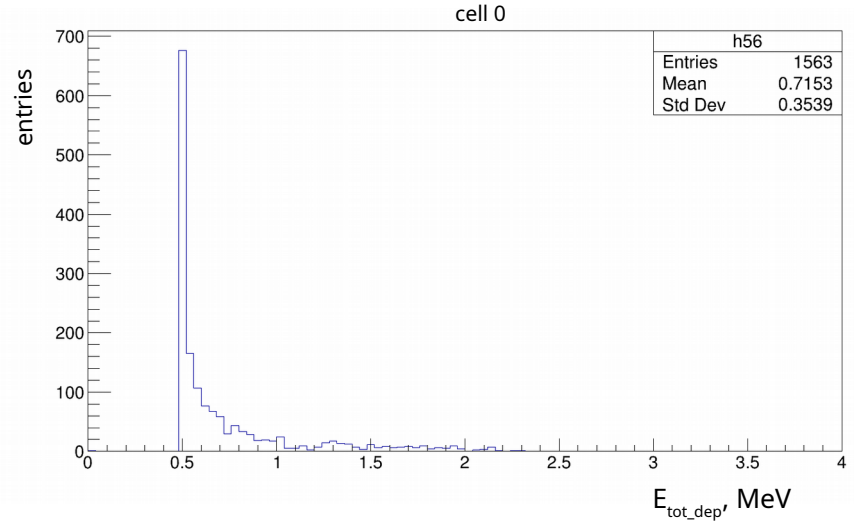


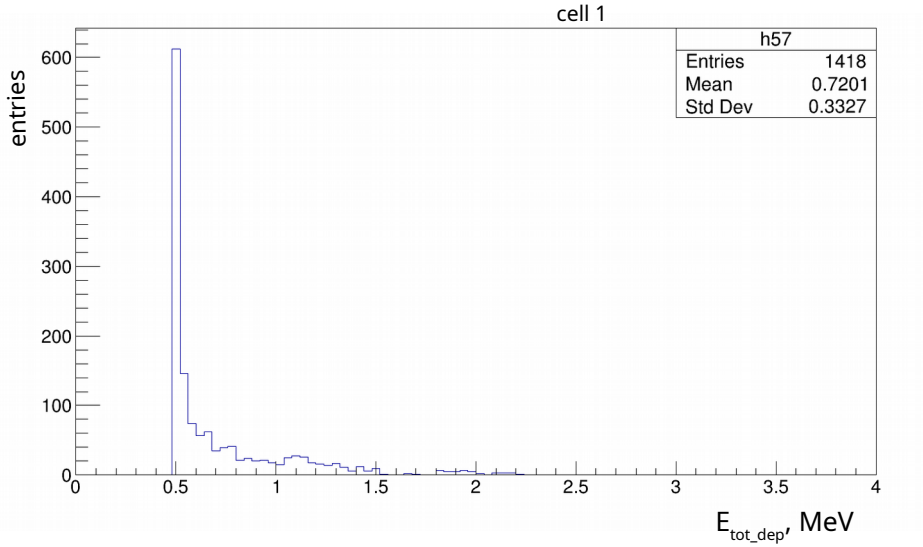
Cell visualization

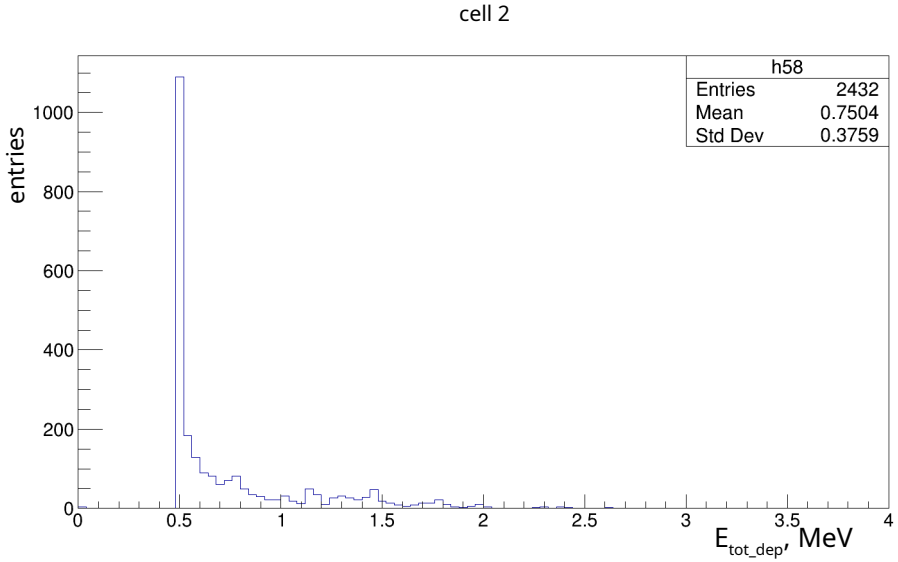


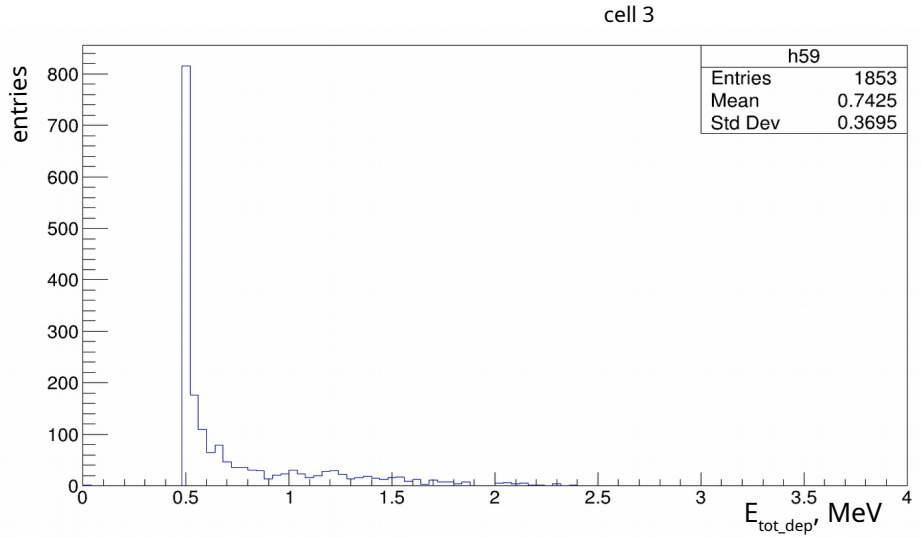
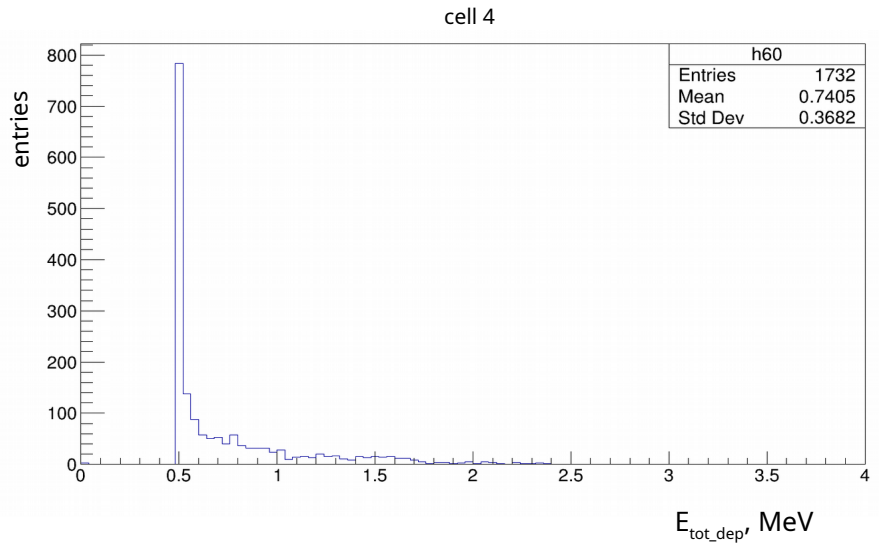
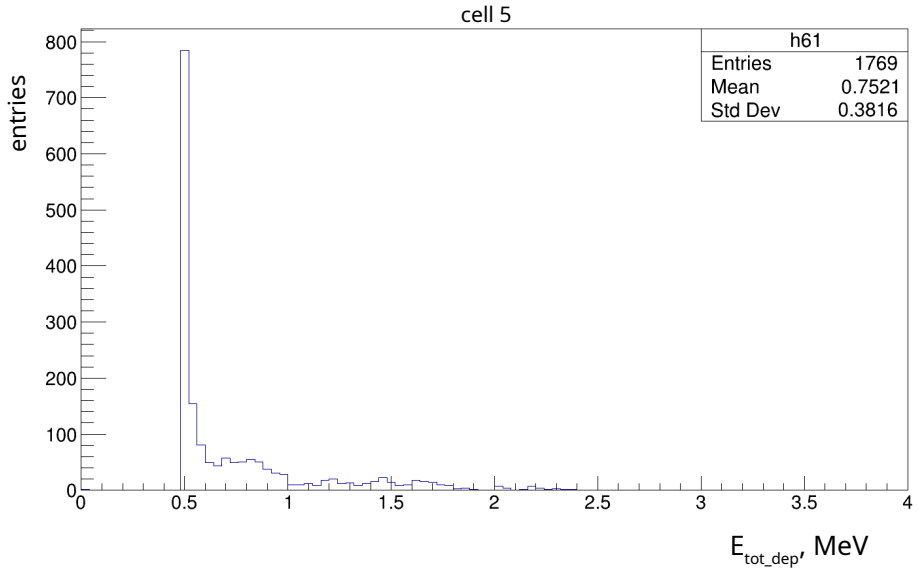
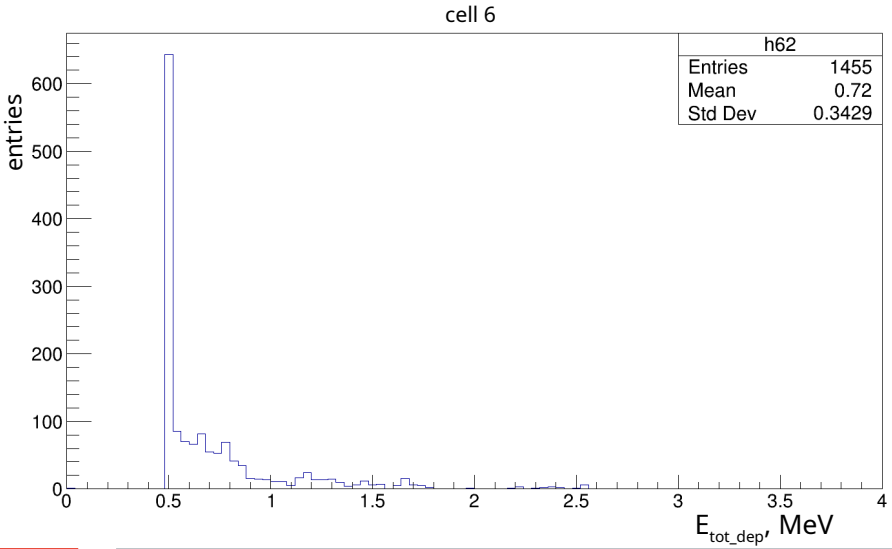
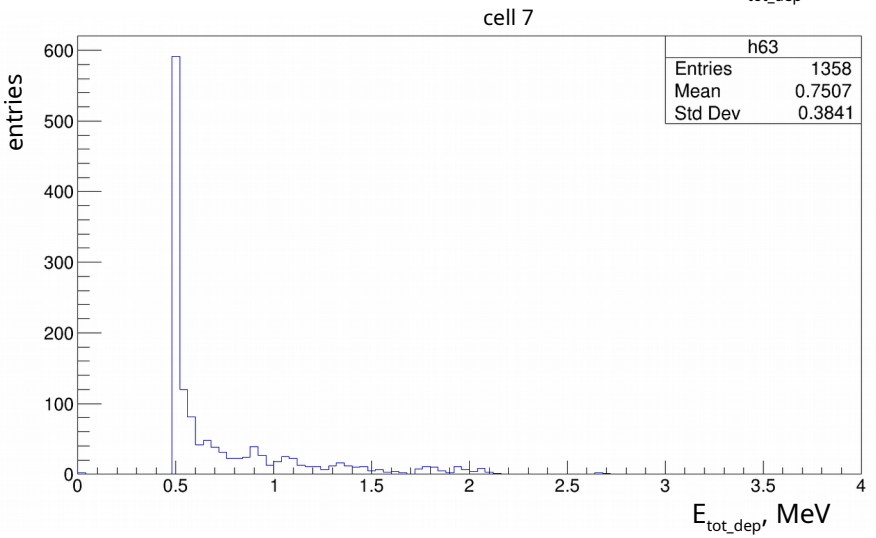
on the next slide shows of the distribution of the total deposited energy in these cells

Distribution of total deposited energy (mother volume #7)









Distribution of total deposited energy (mother volume #7)