

EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



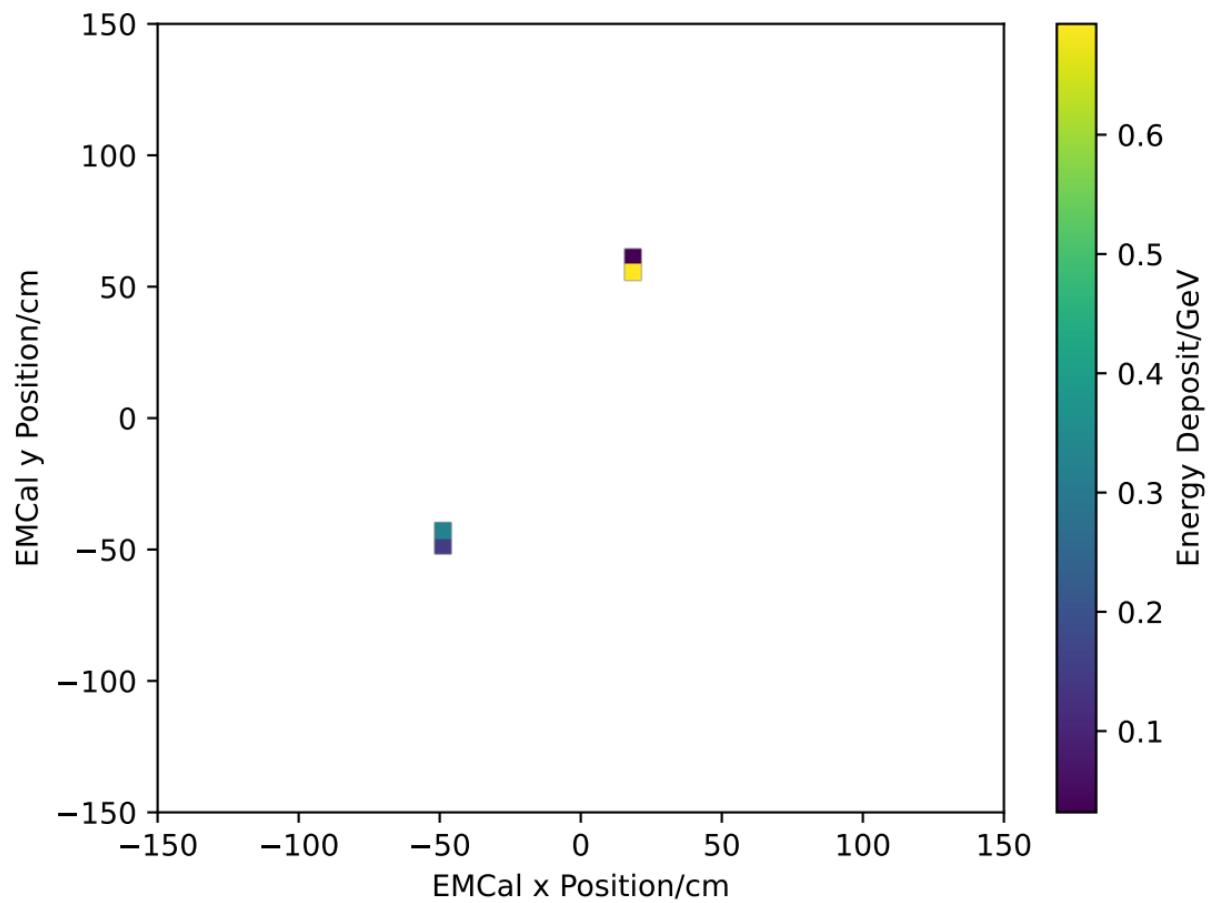
Energy Deposit/GeV

0.48

0.46

0.44

0.42



EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

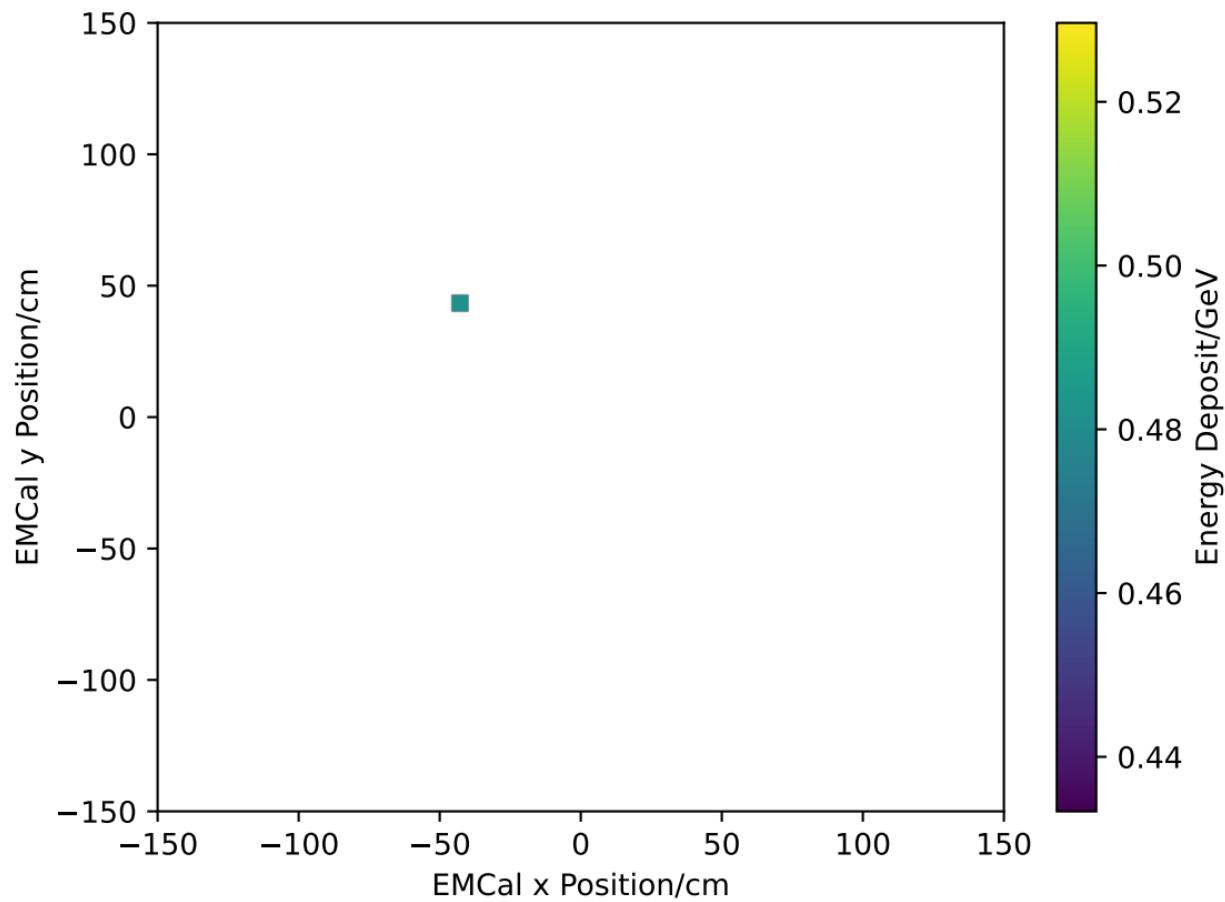
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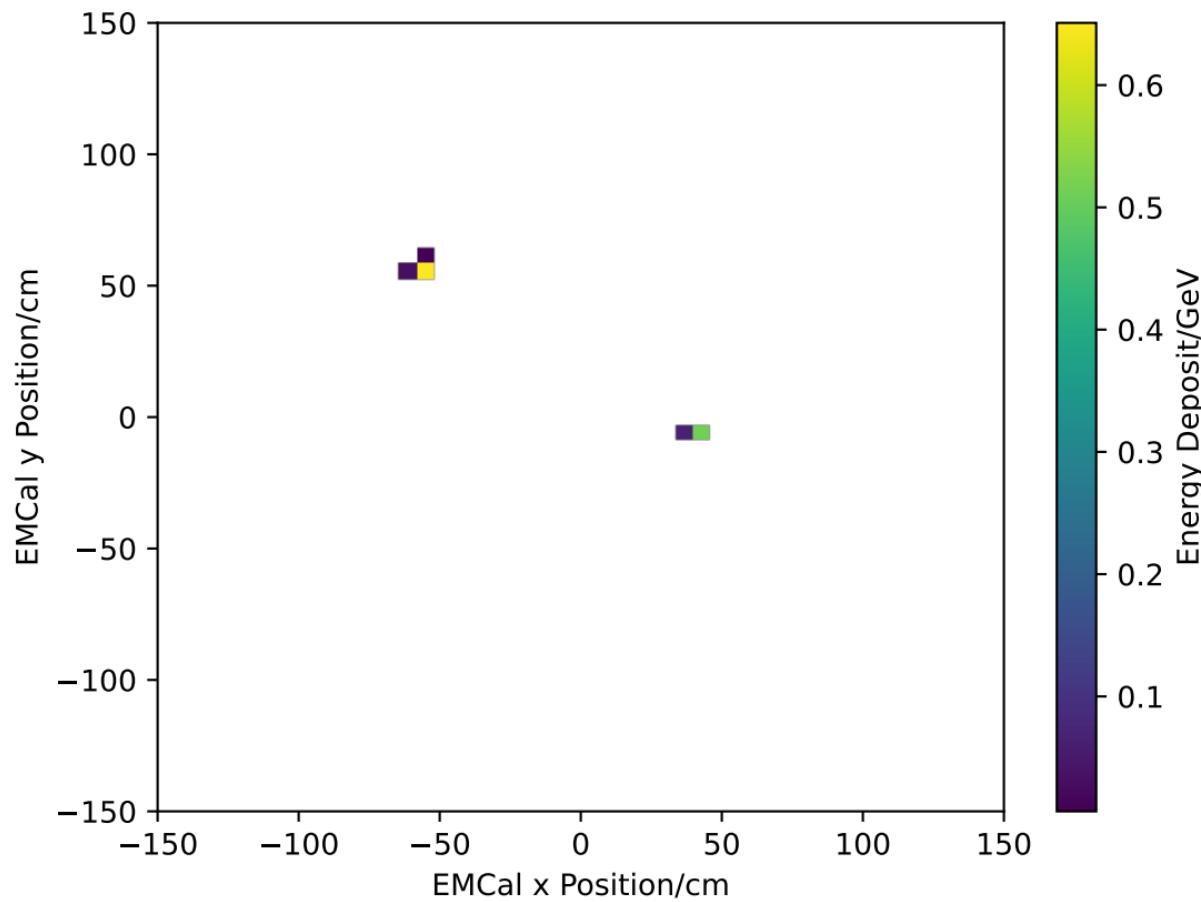
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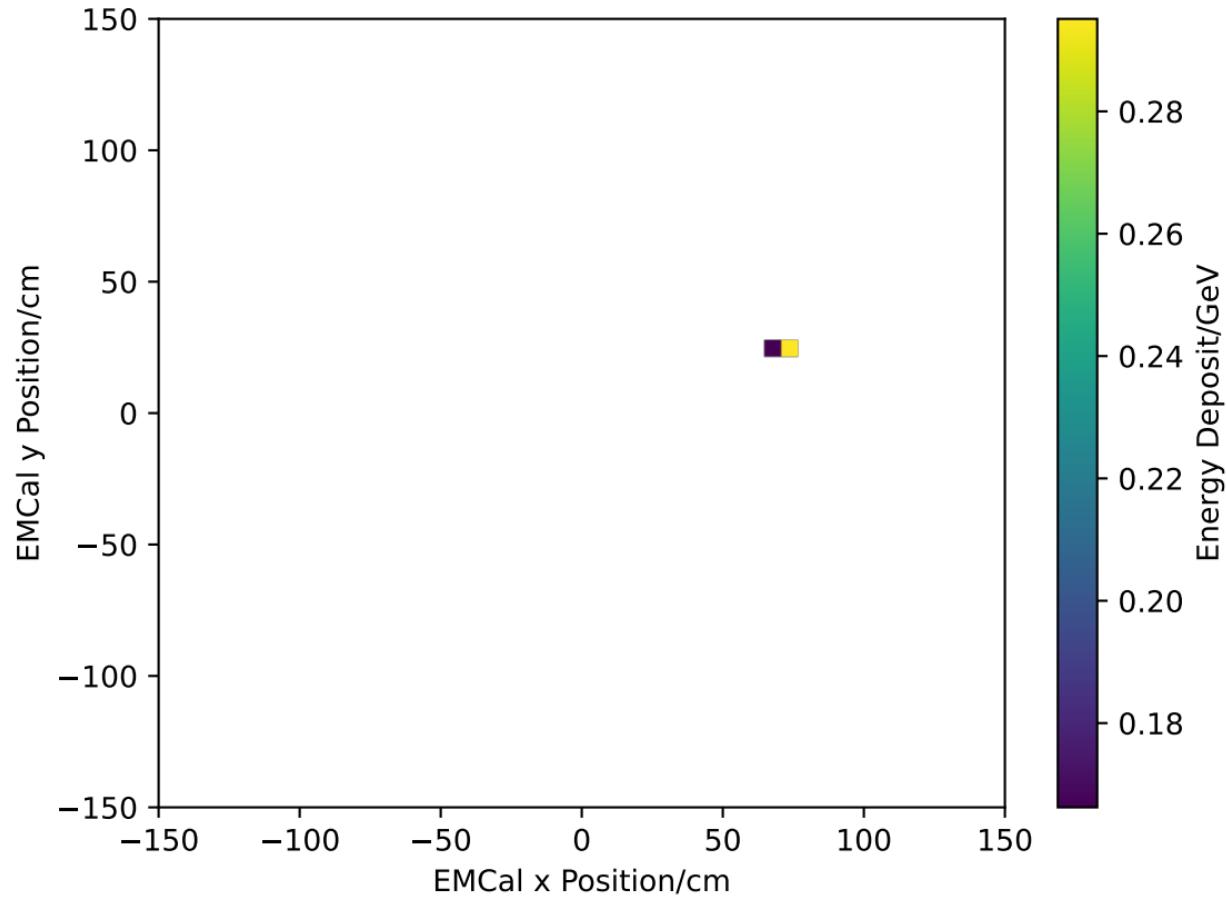
EMCal x Position/cm

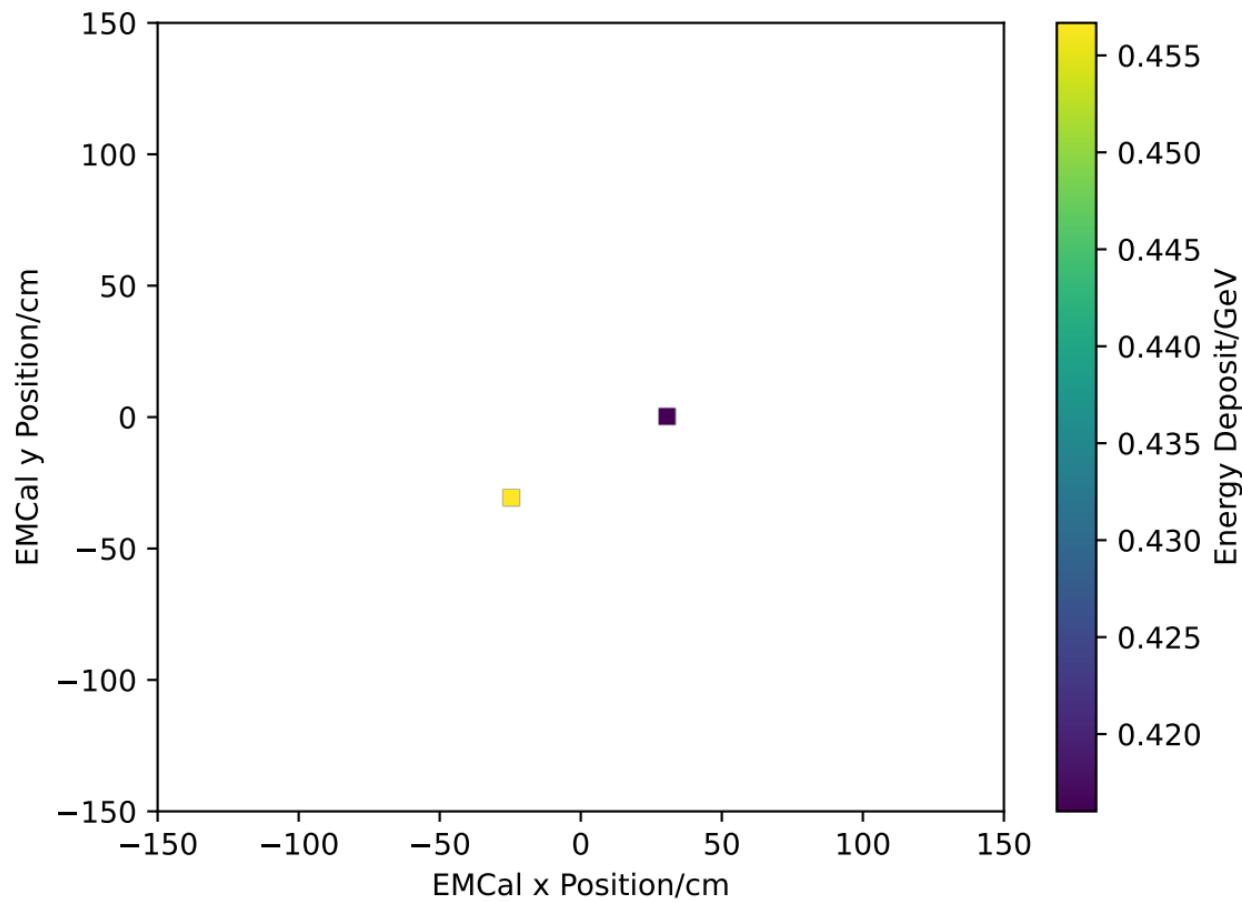


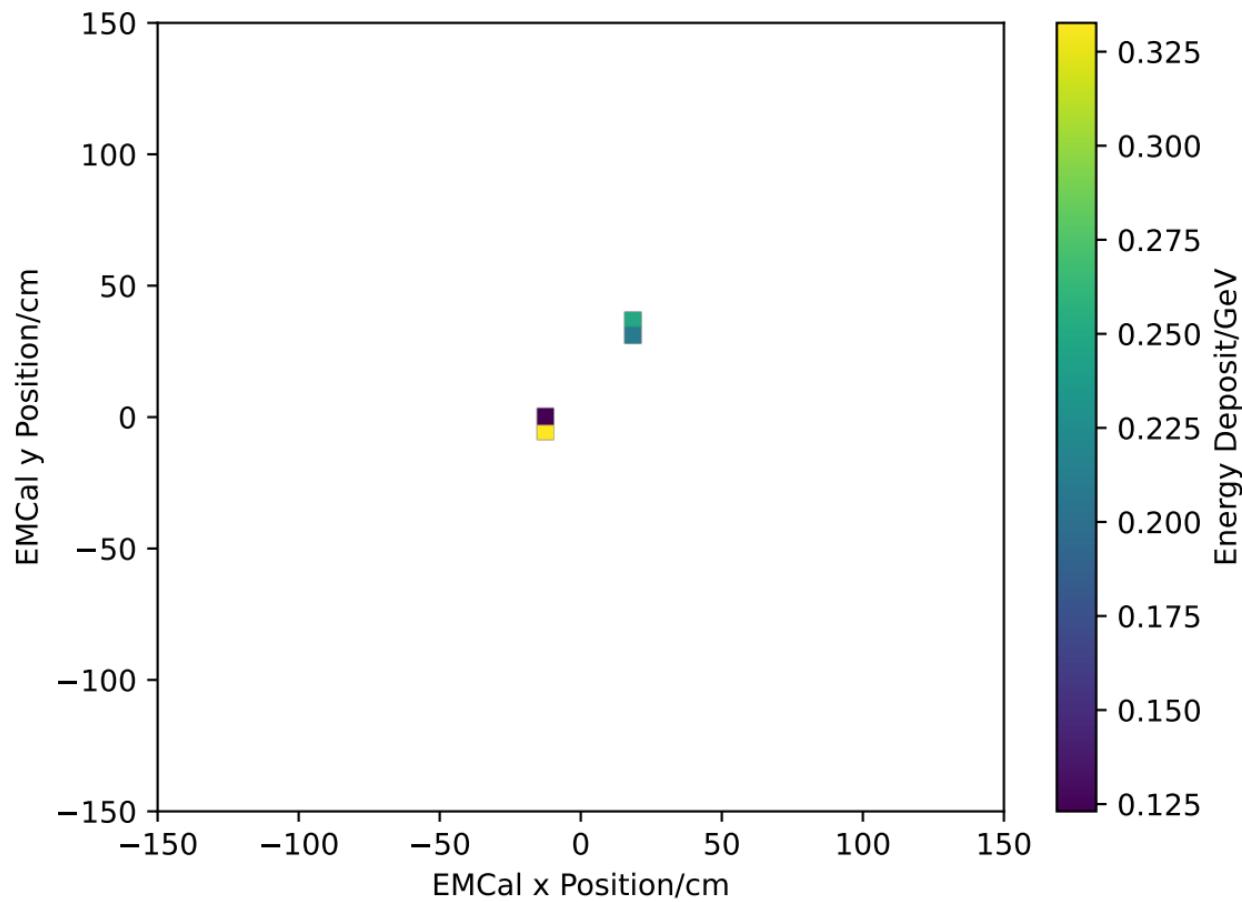
Energy Deposit/GeV

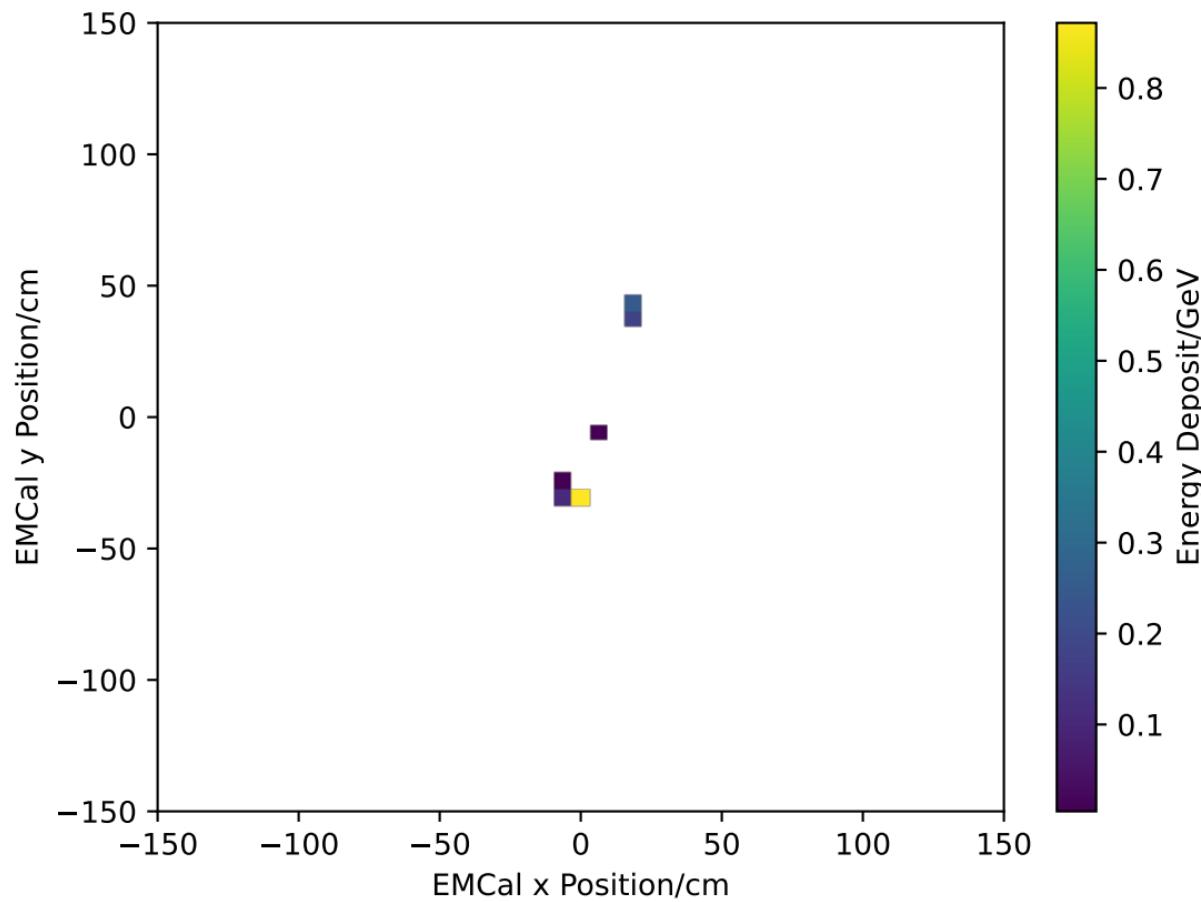












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

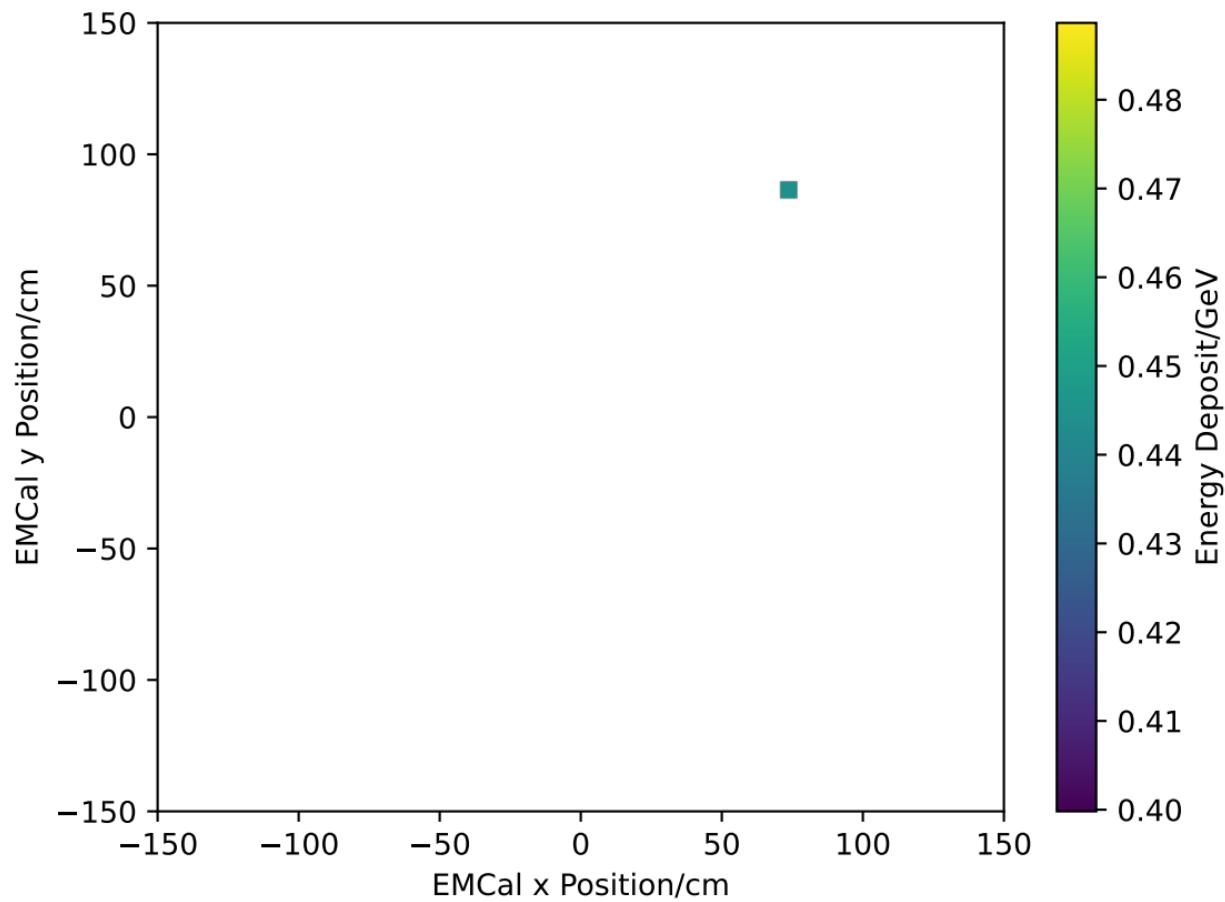
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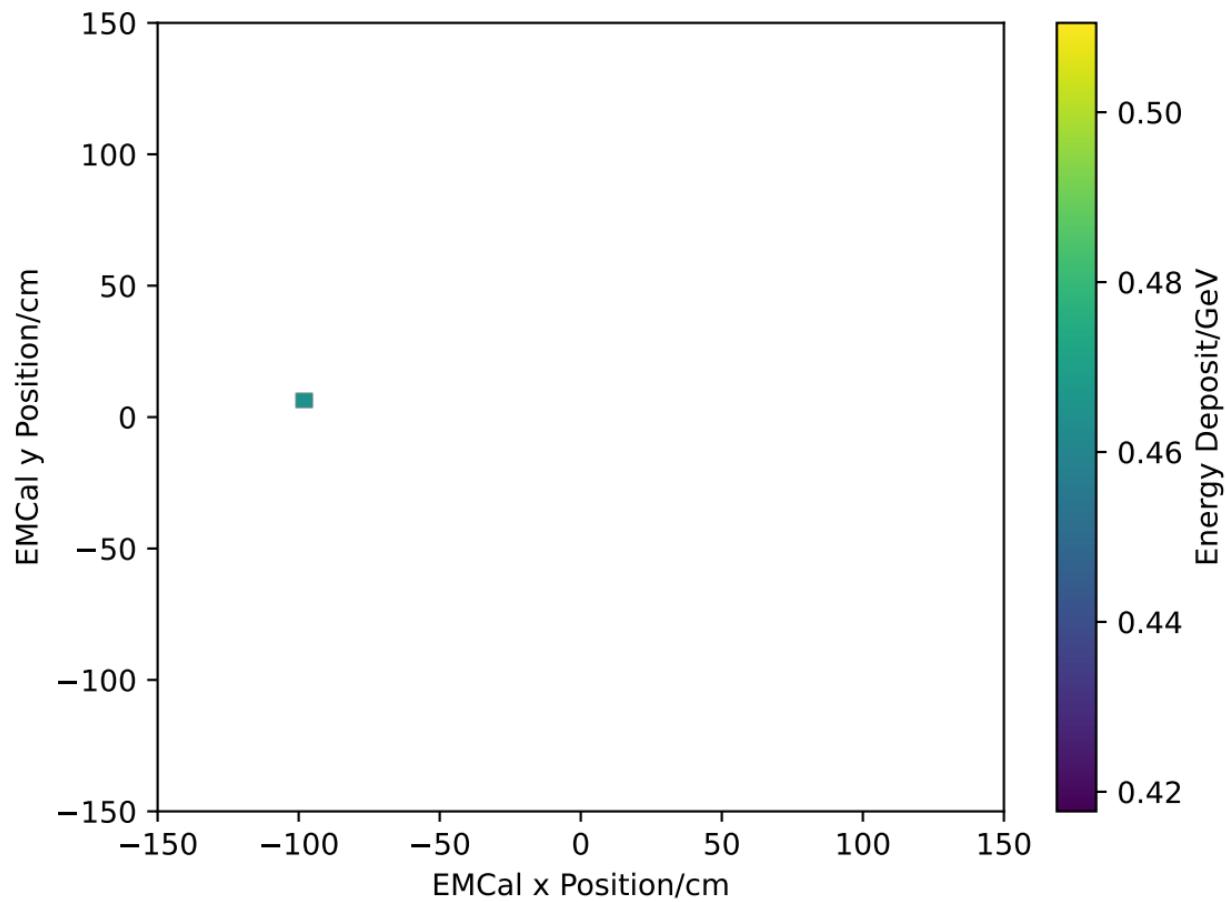
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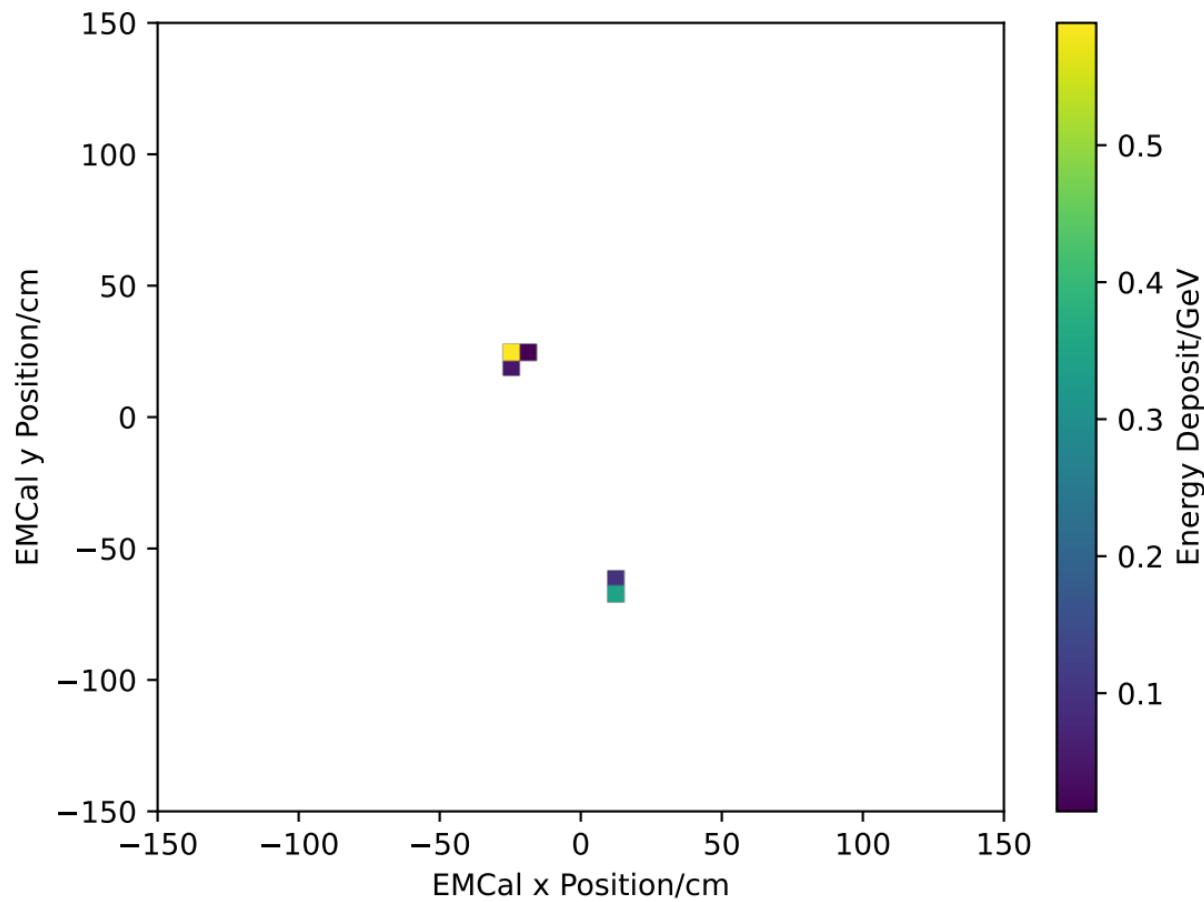
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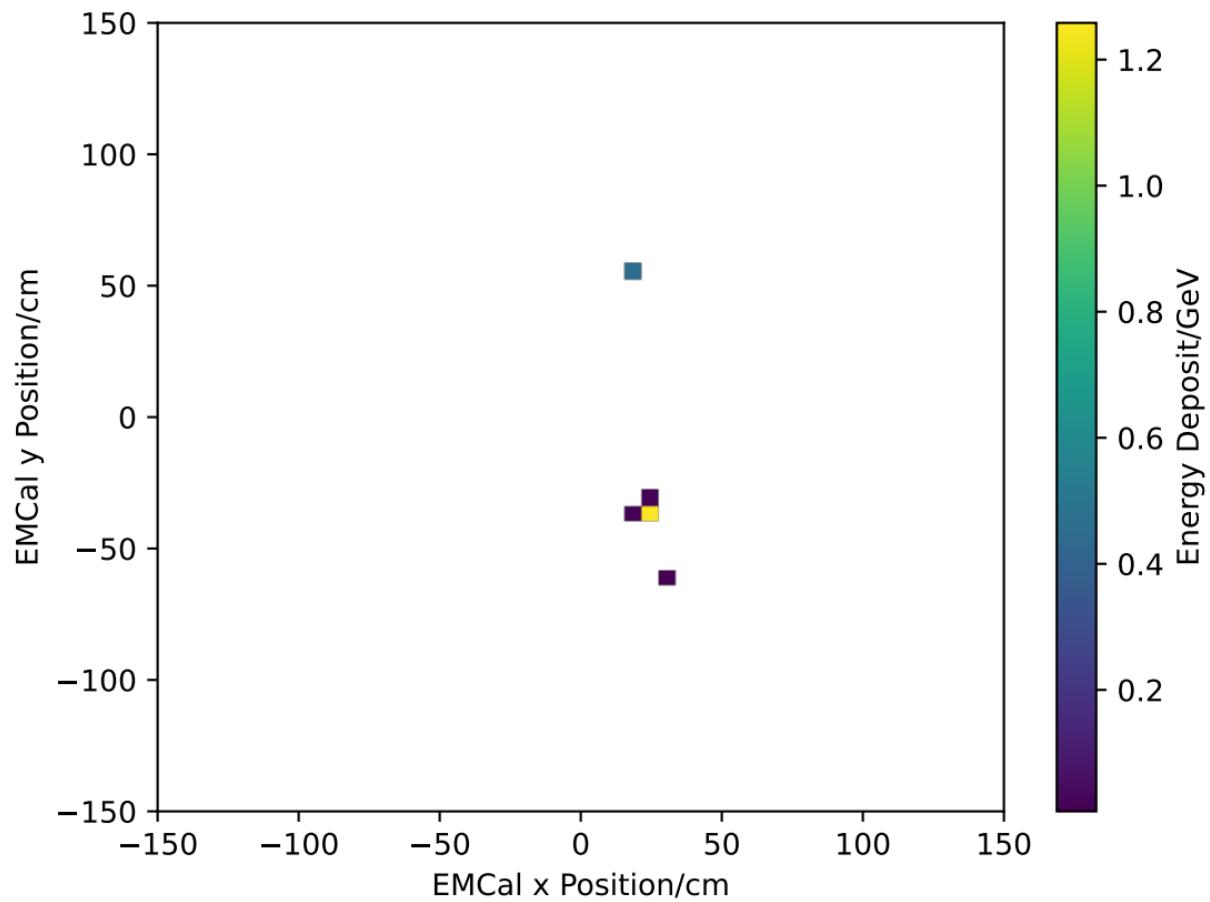


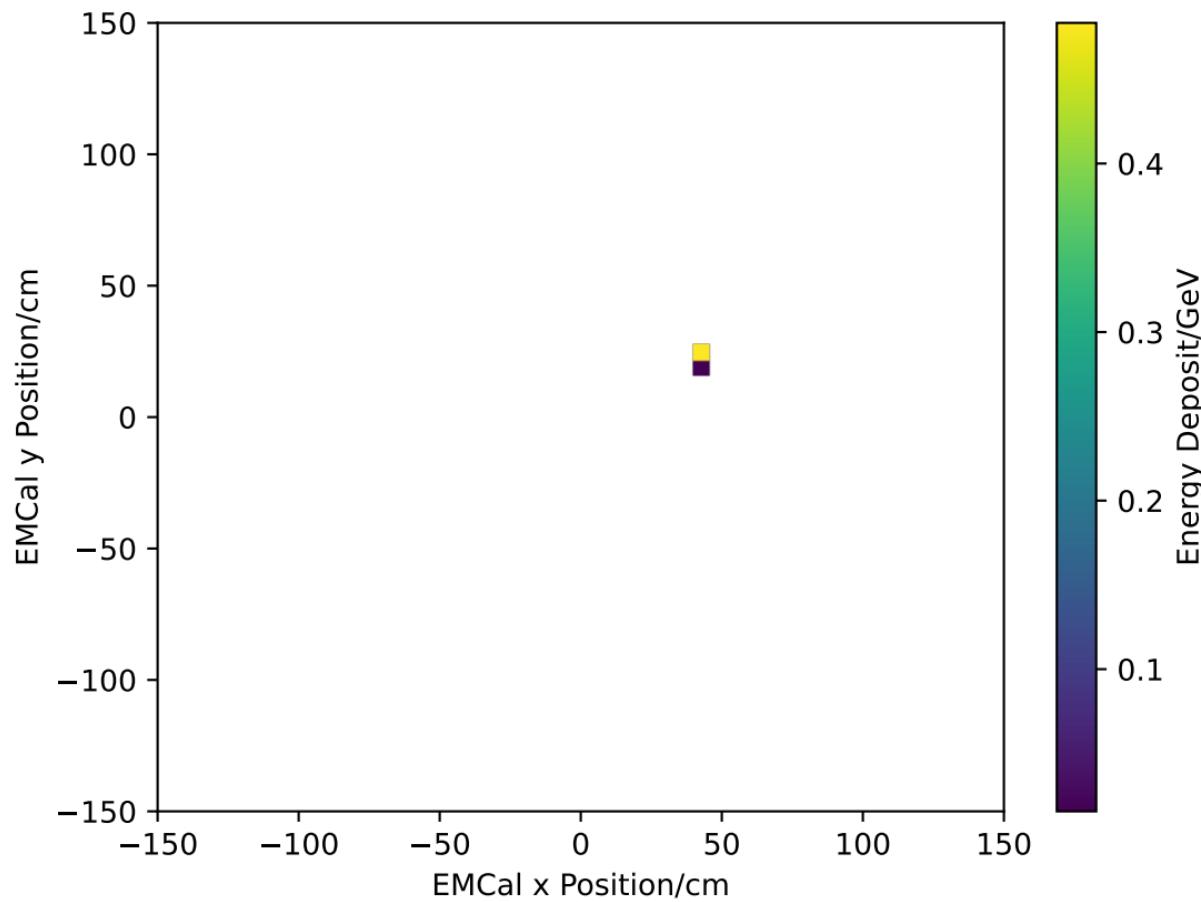
Energy Deposit/GeV

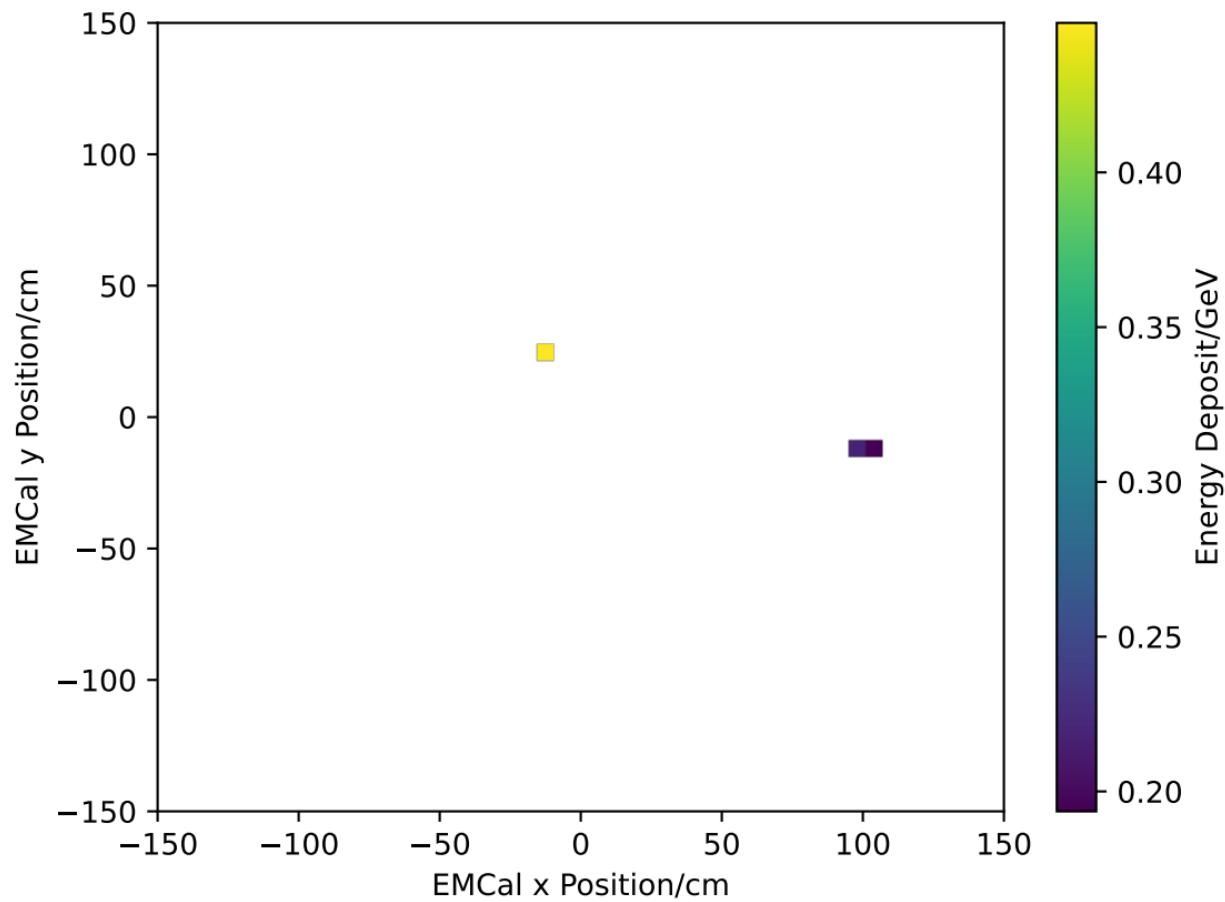


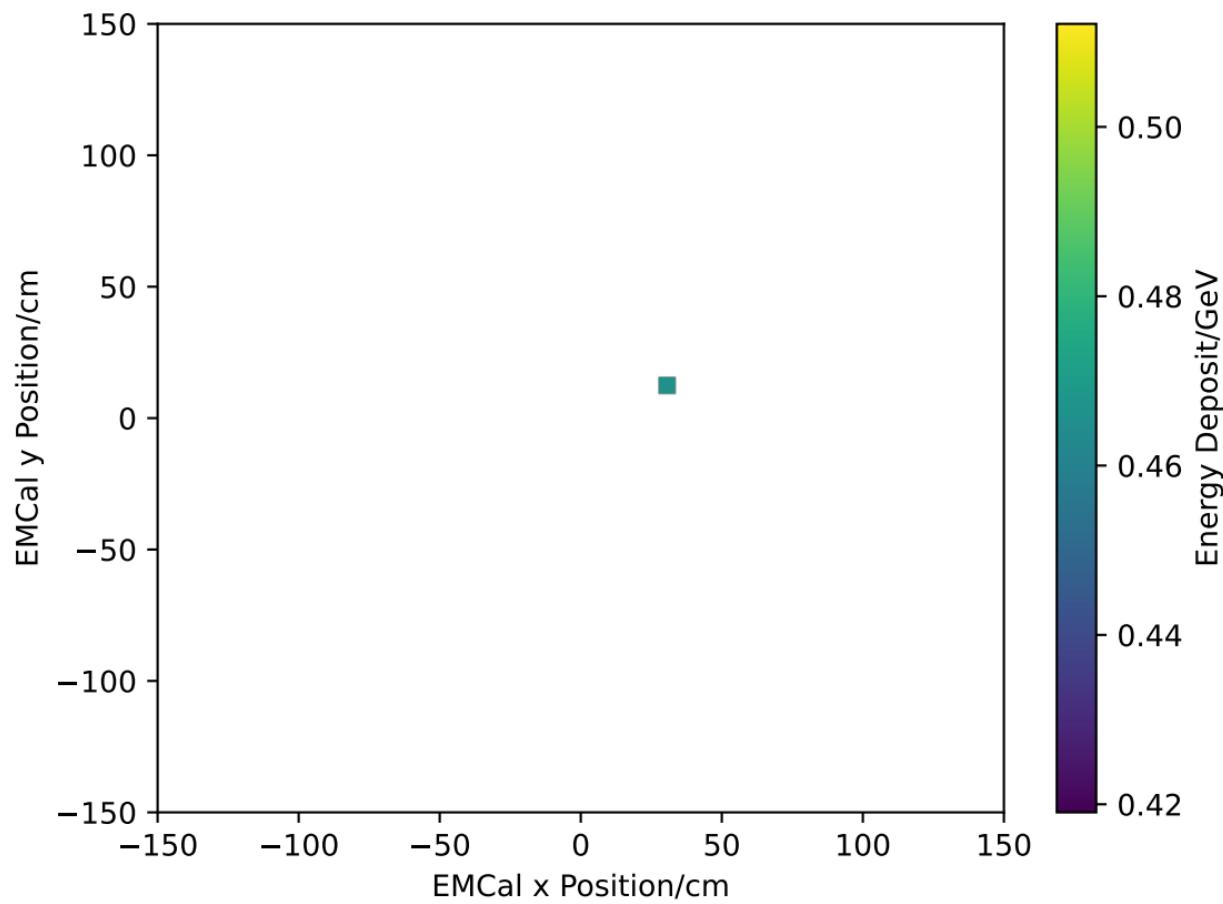


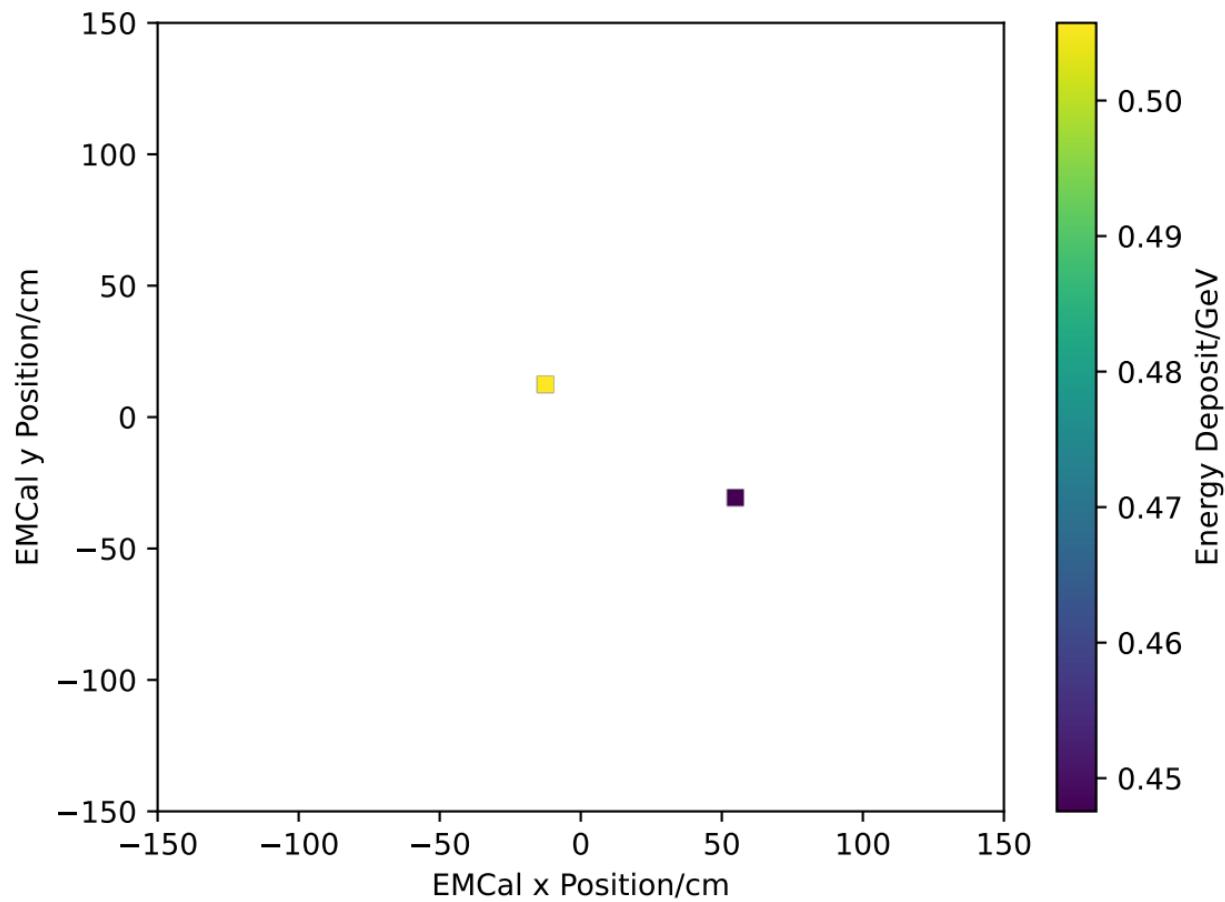


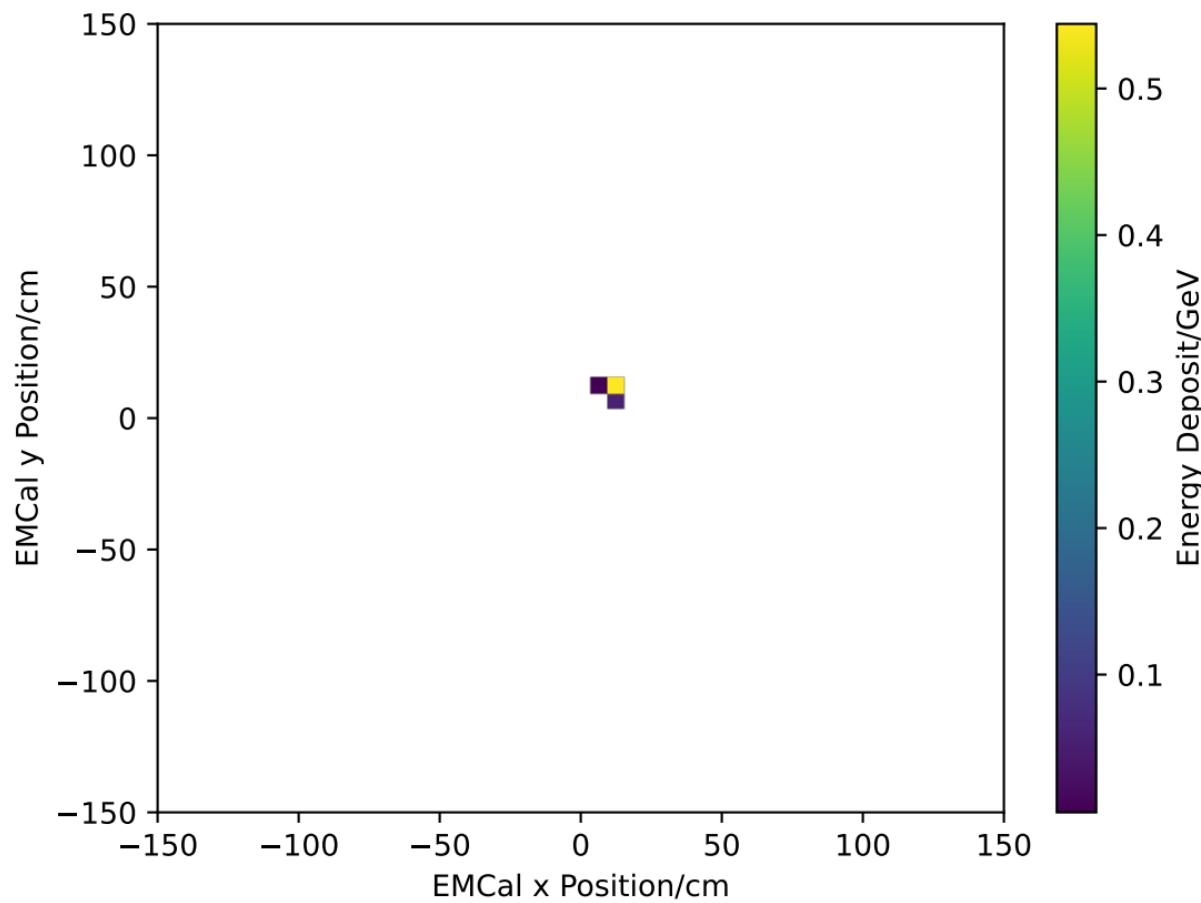


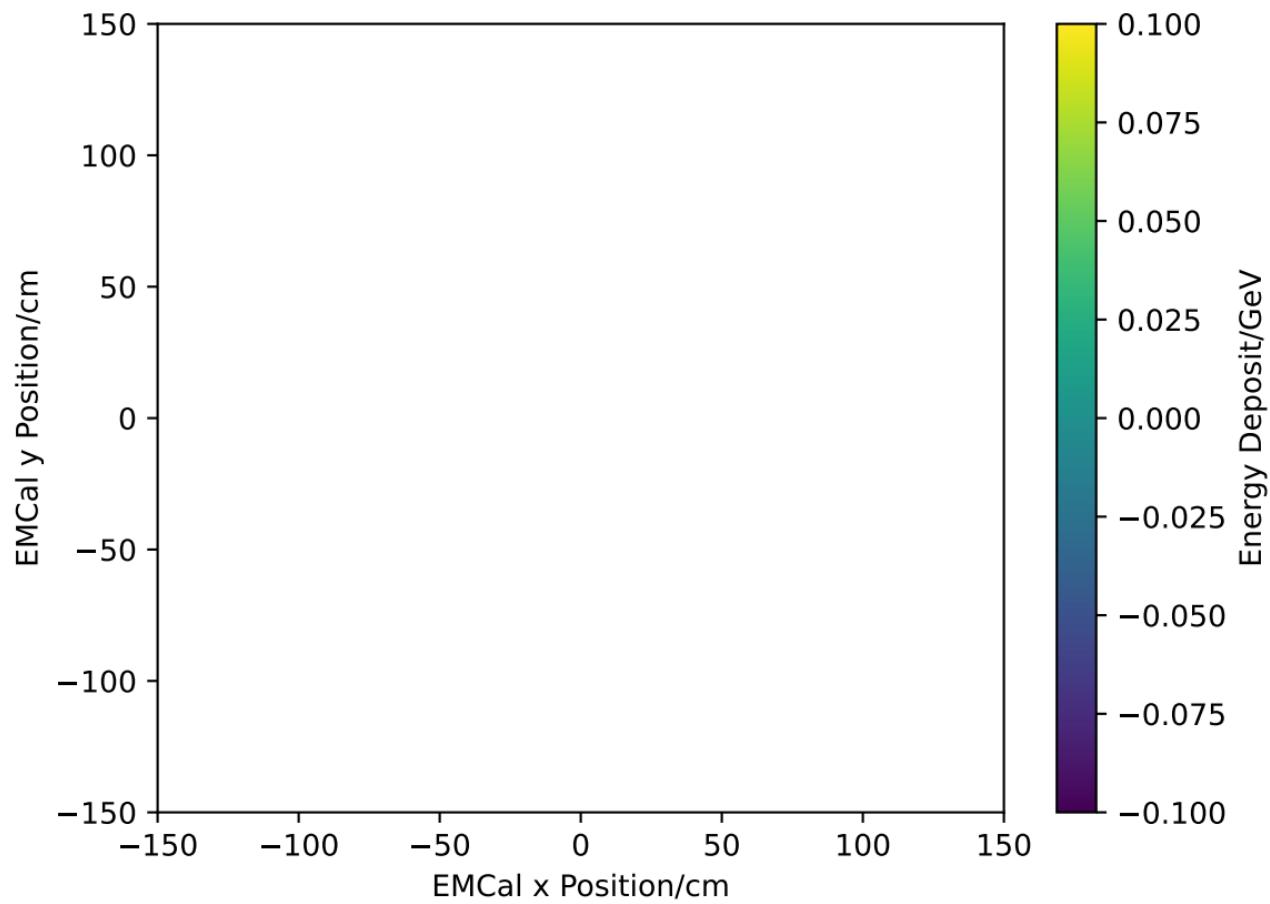


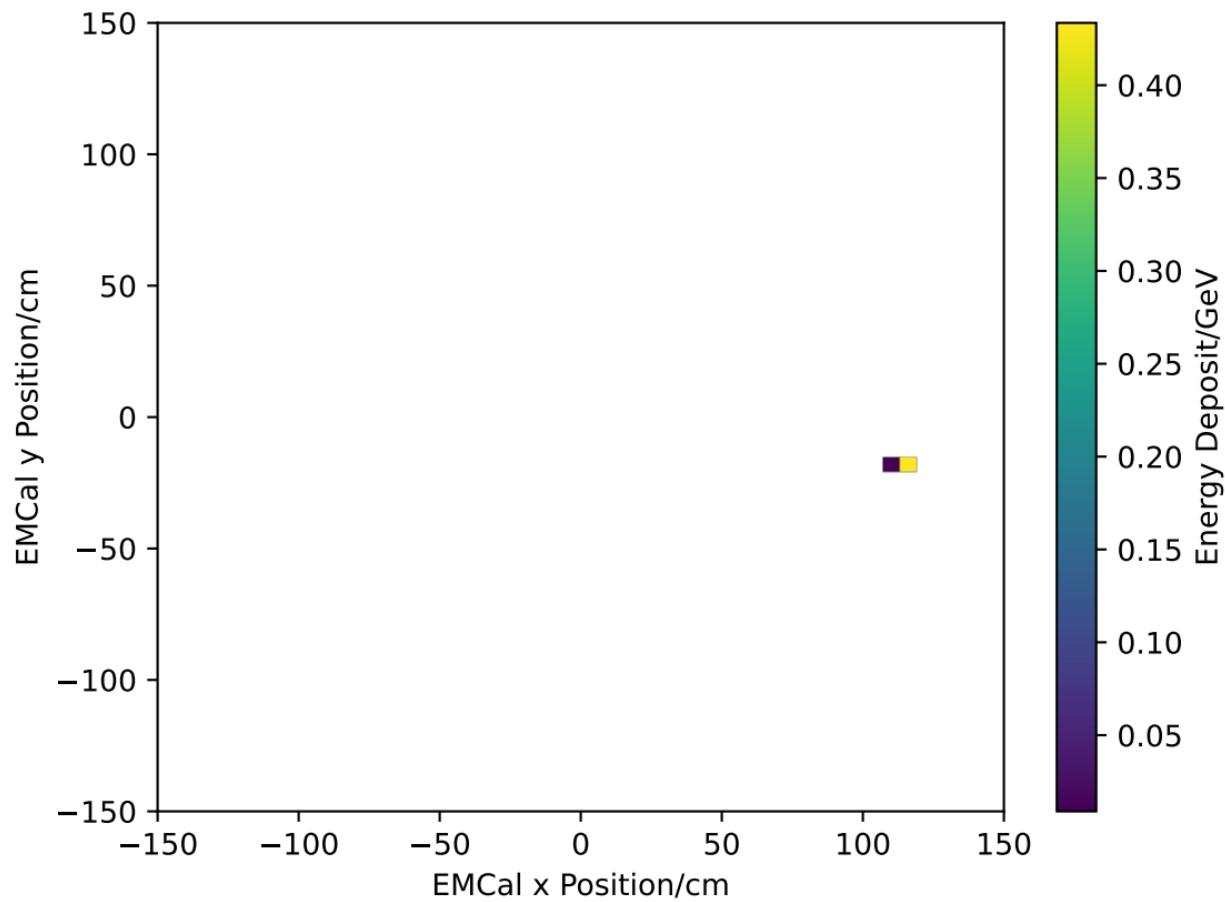


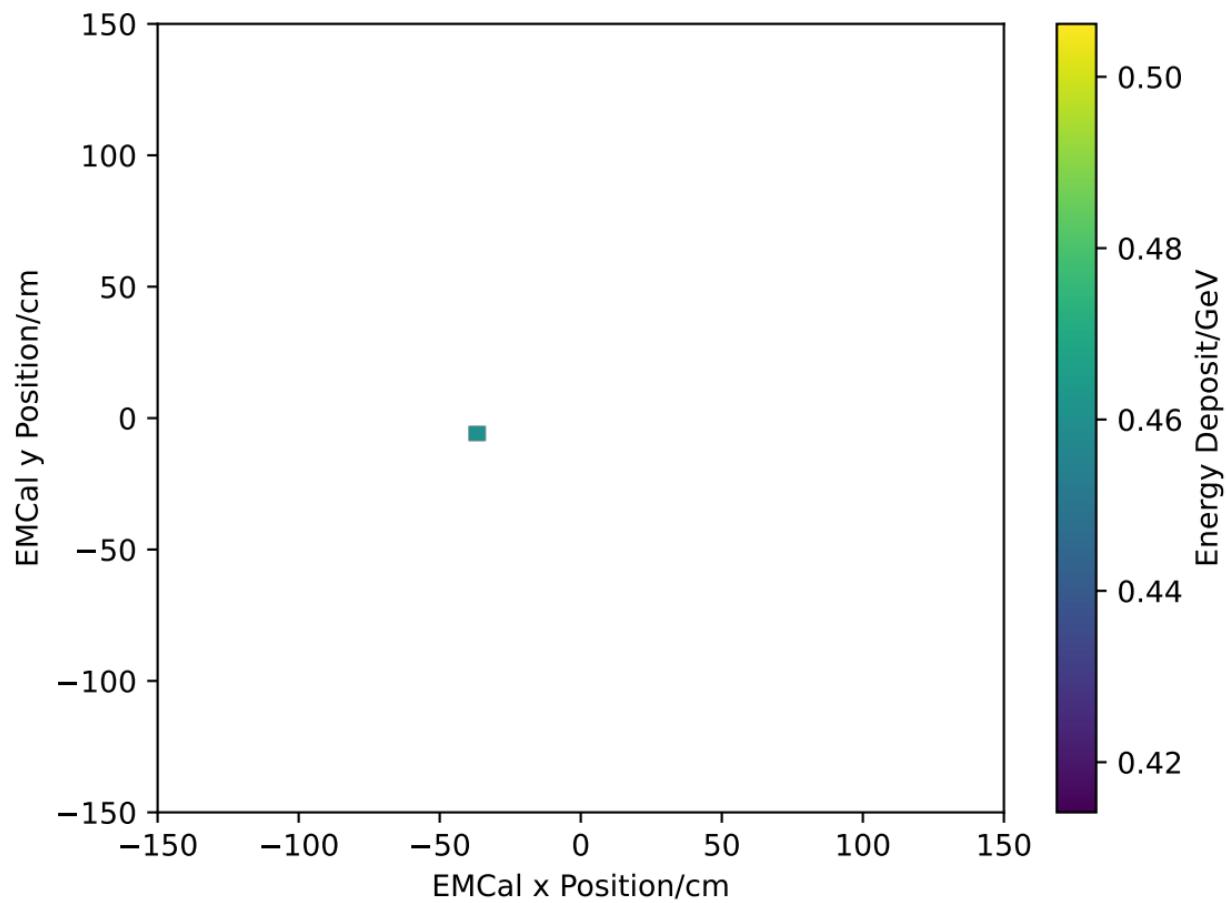












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

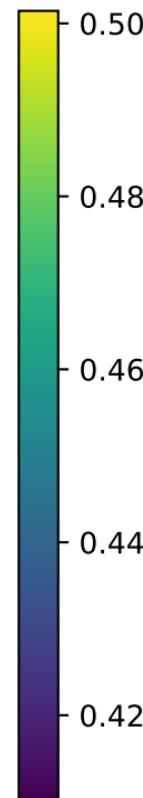
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50

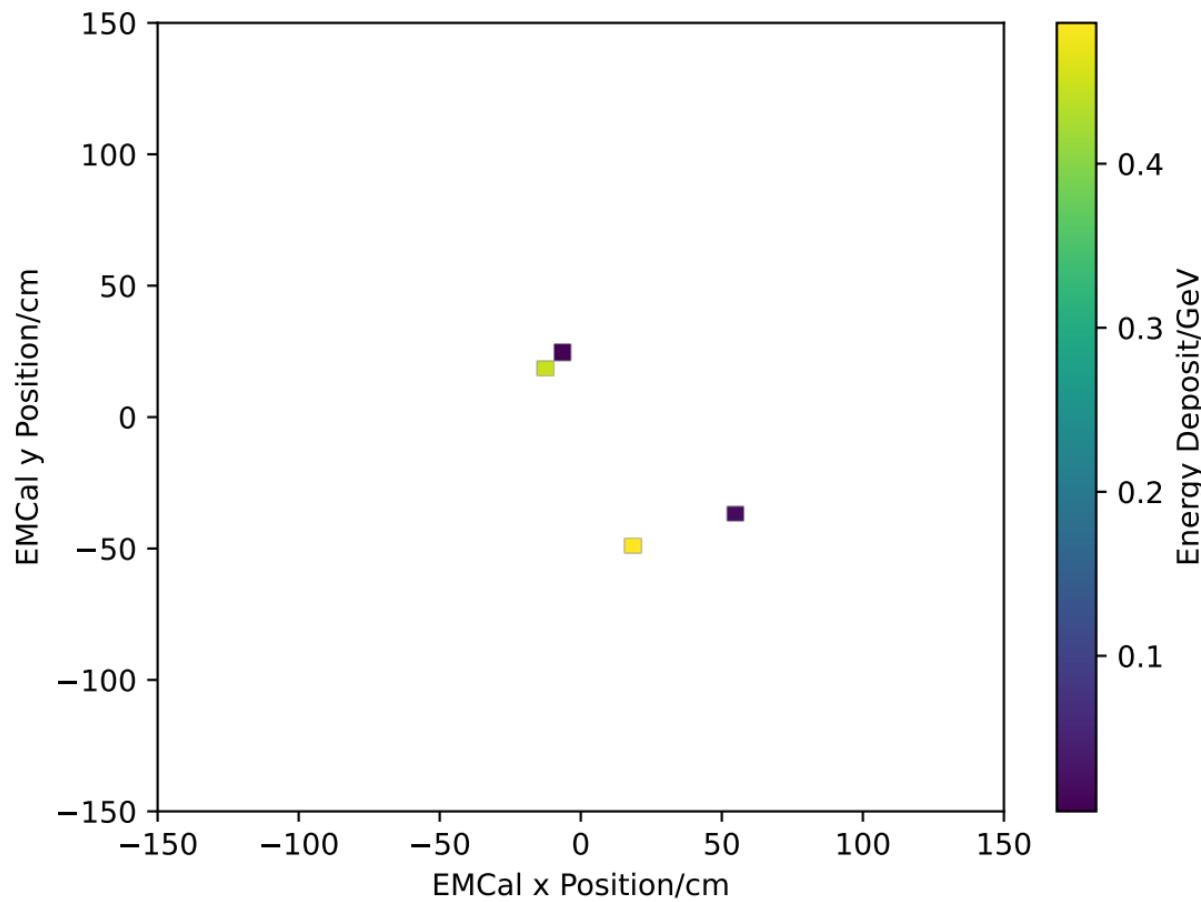
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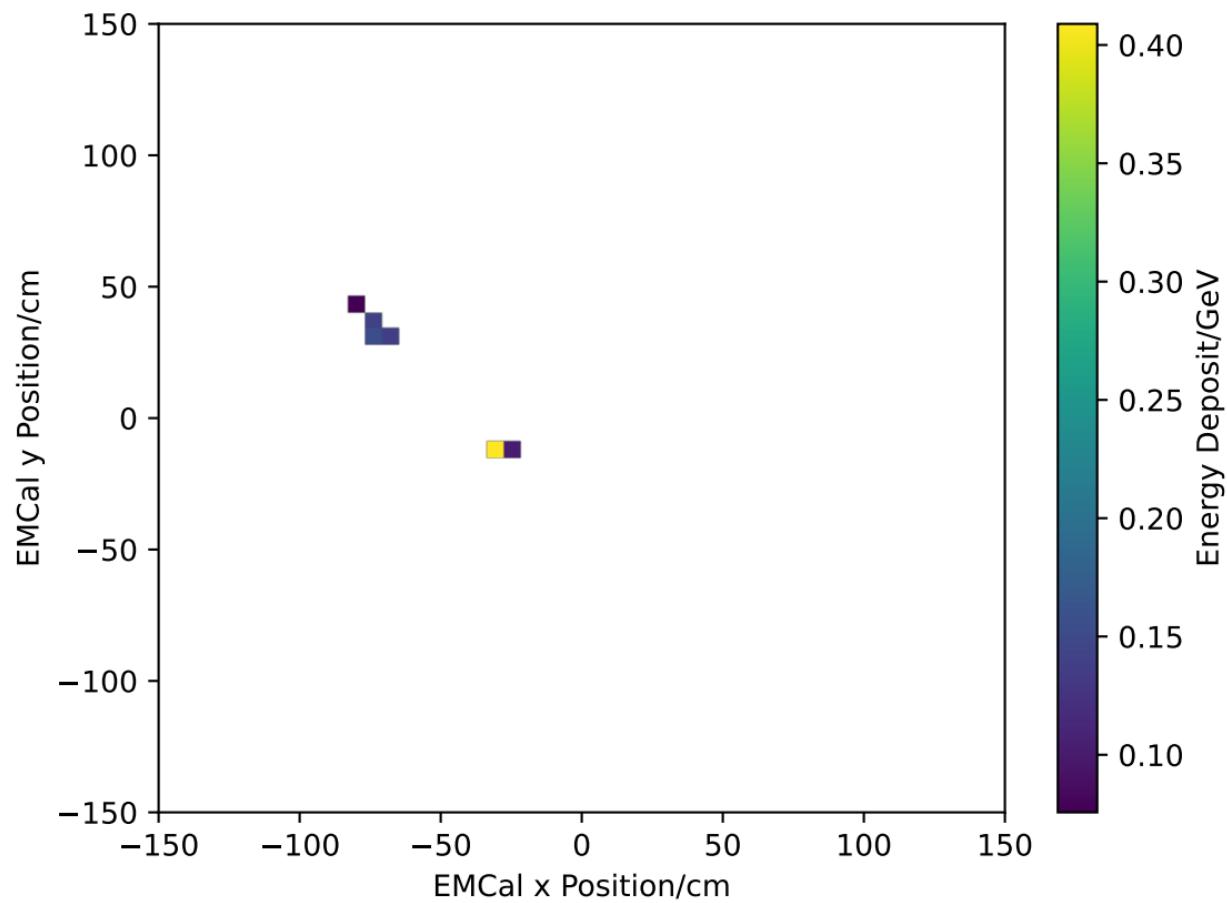
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EMCal x Position/cm

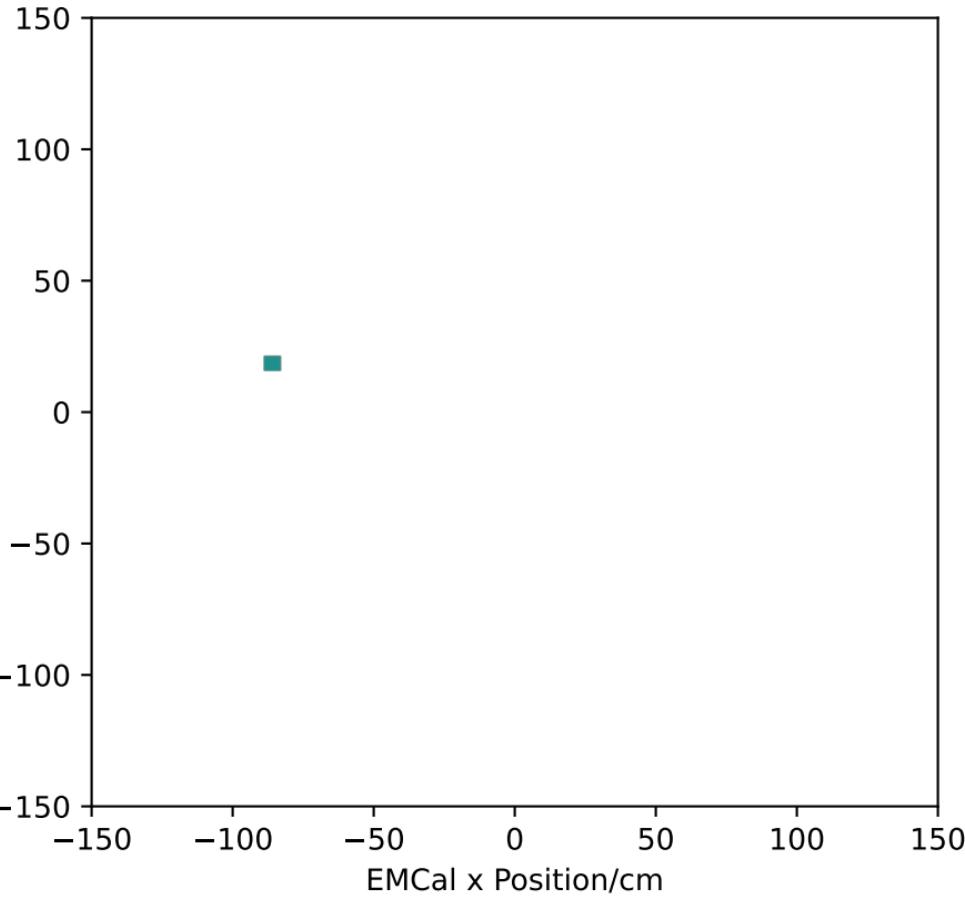


-5





EMCal y Position/cm



Energy Deposit/GeV

EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

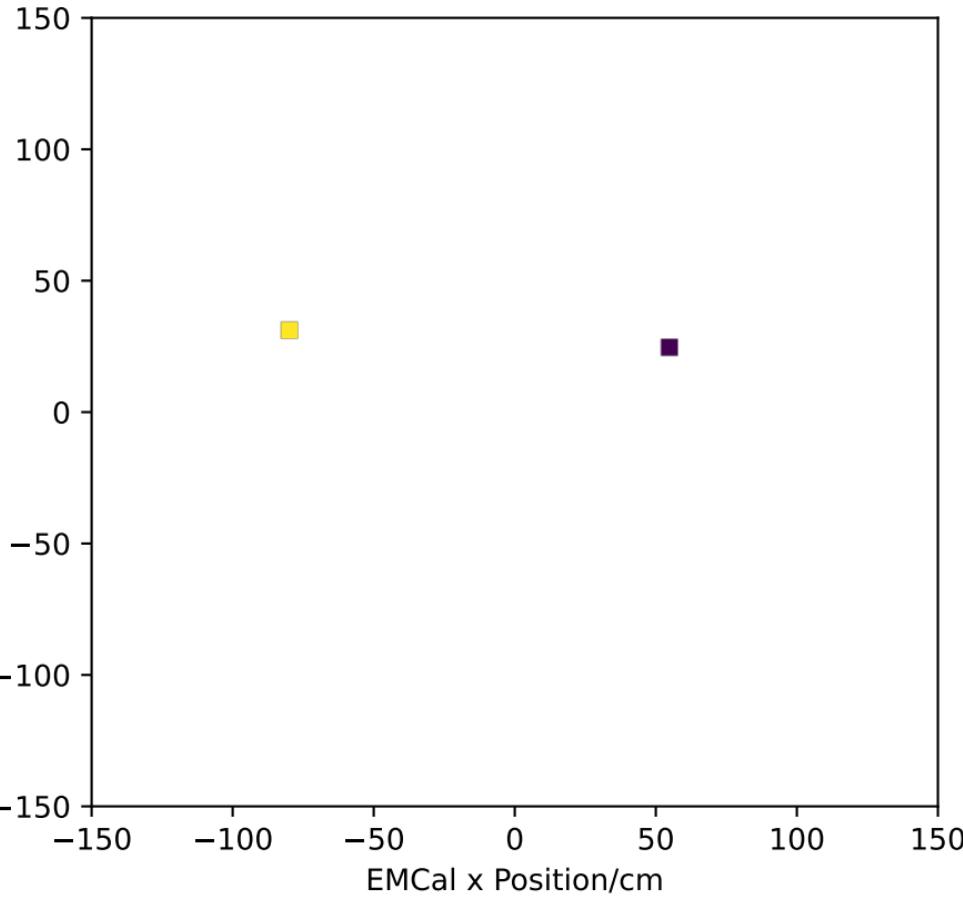
150

EMCal x Position/cm



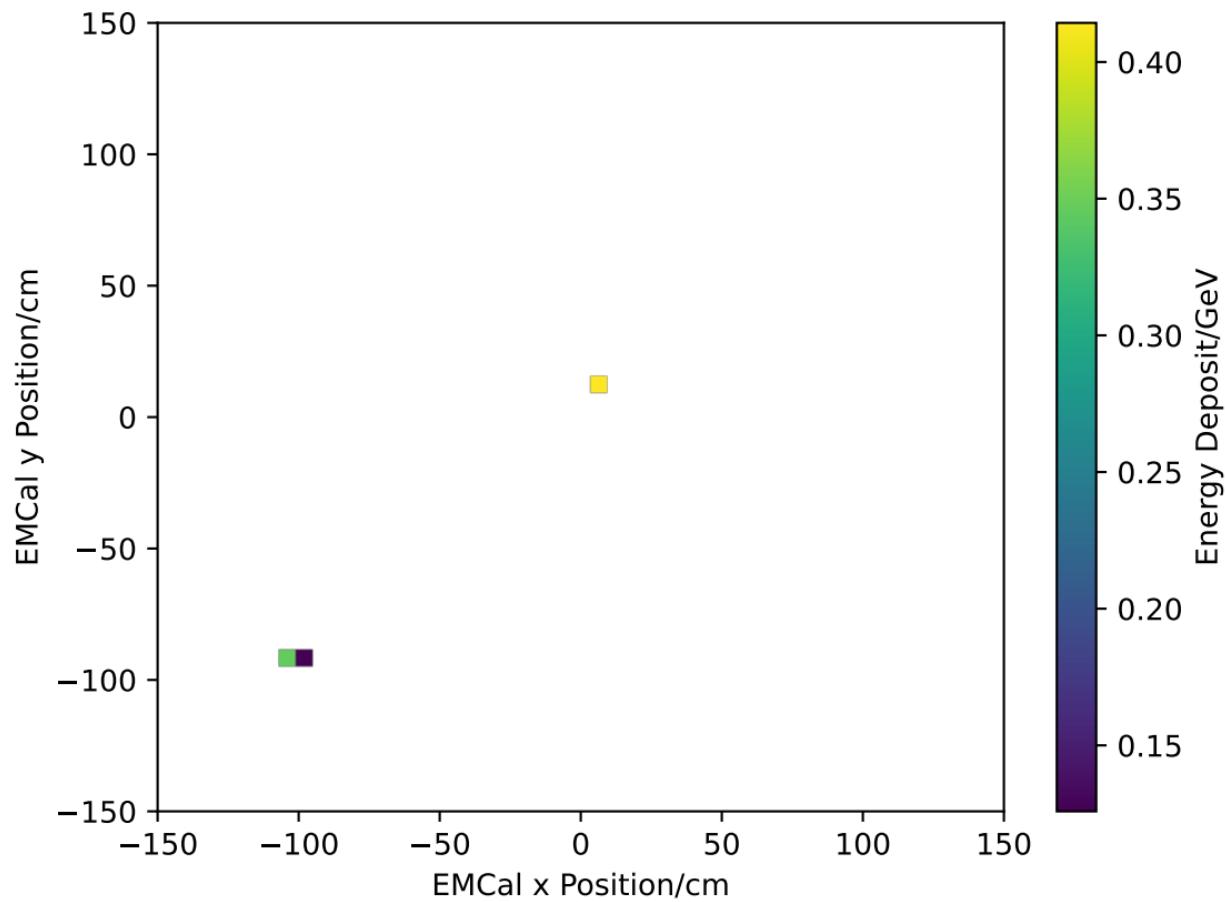
0.48
0.46
0.44
0.42

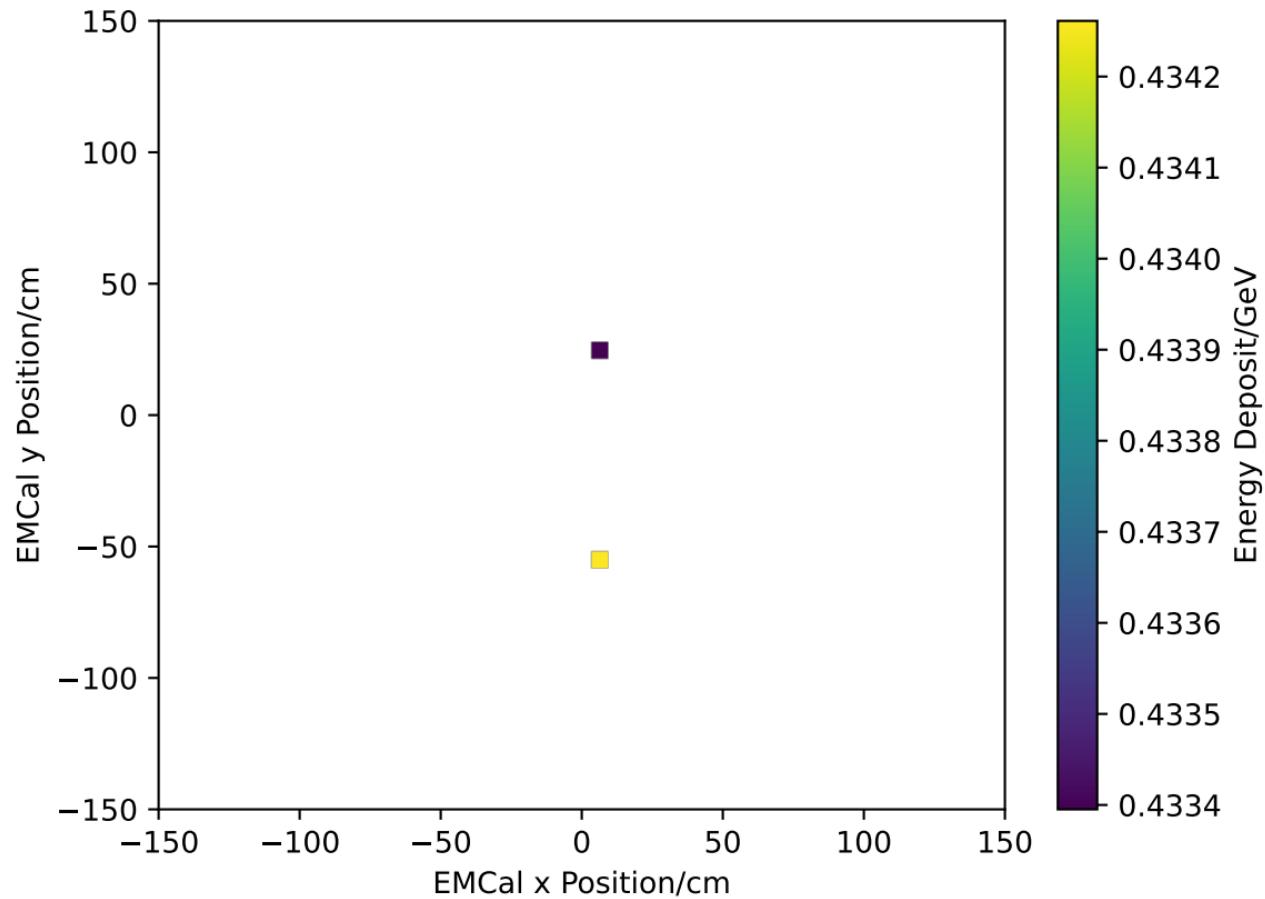
EMCal y Position/cm

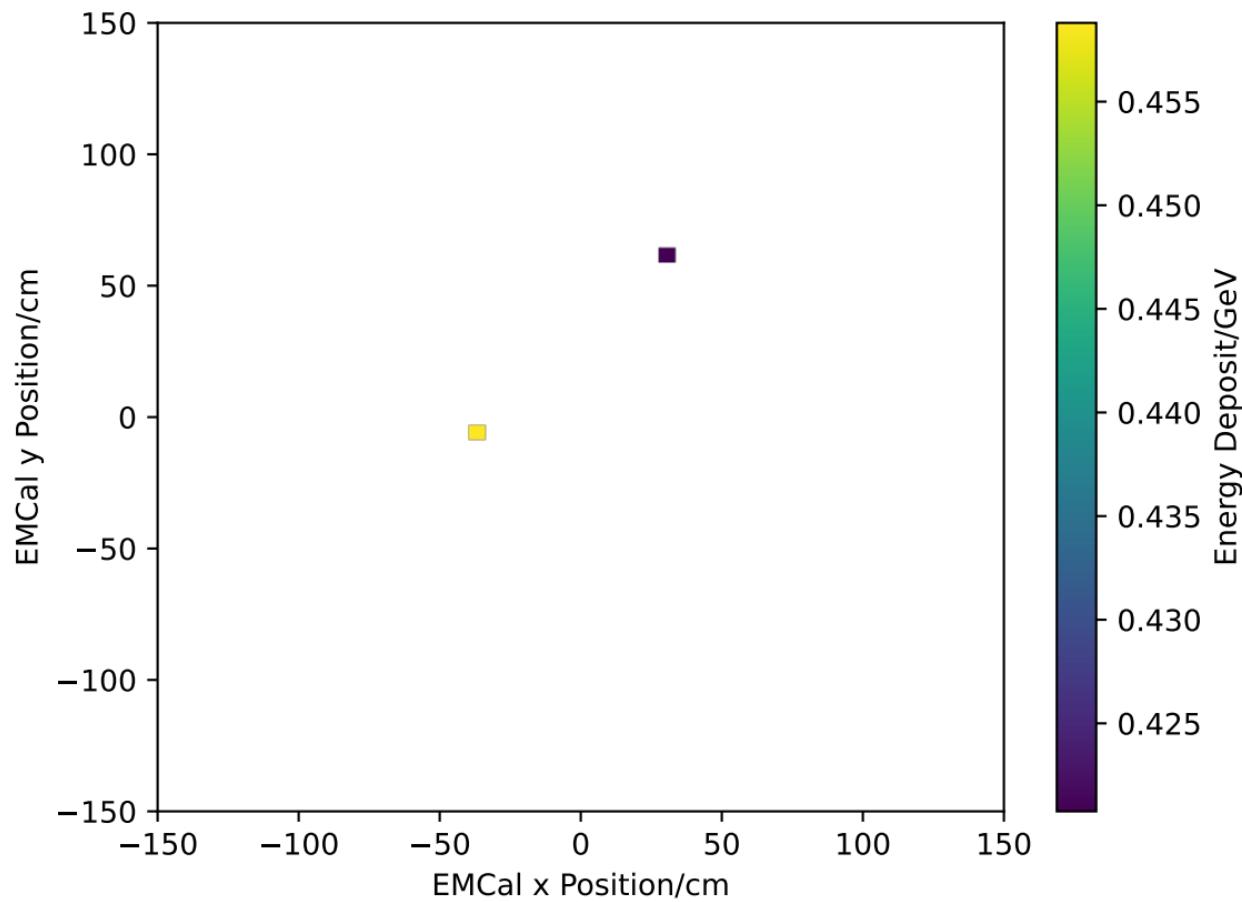


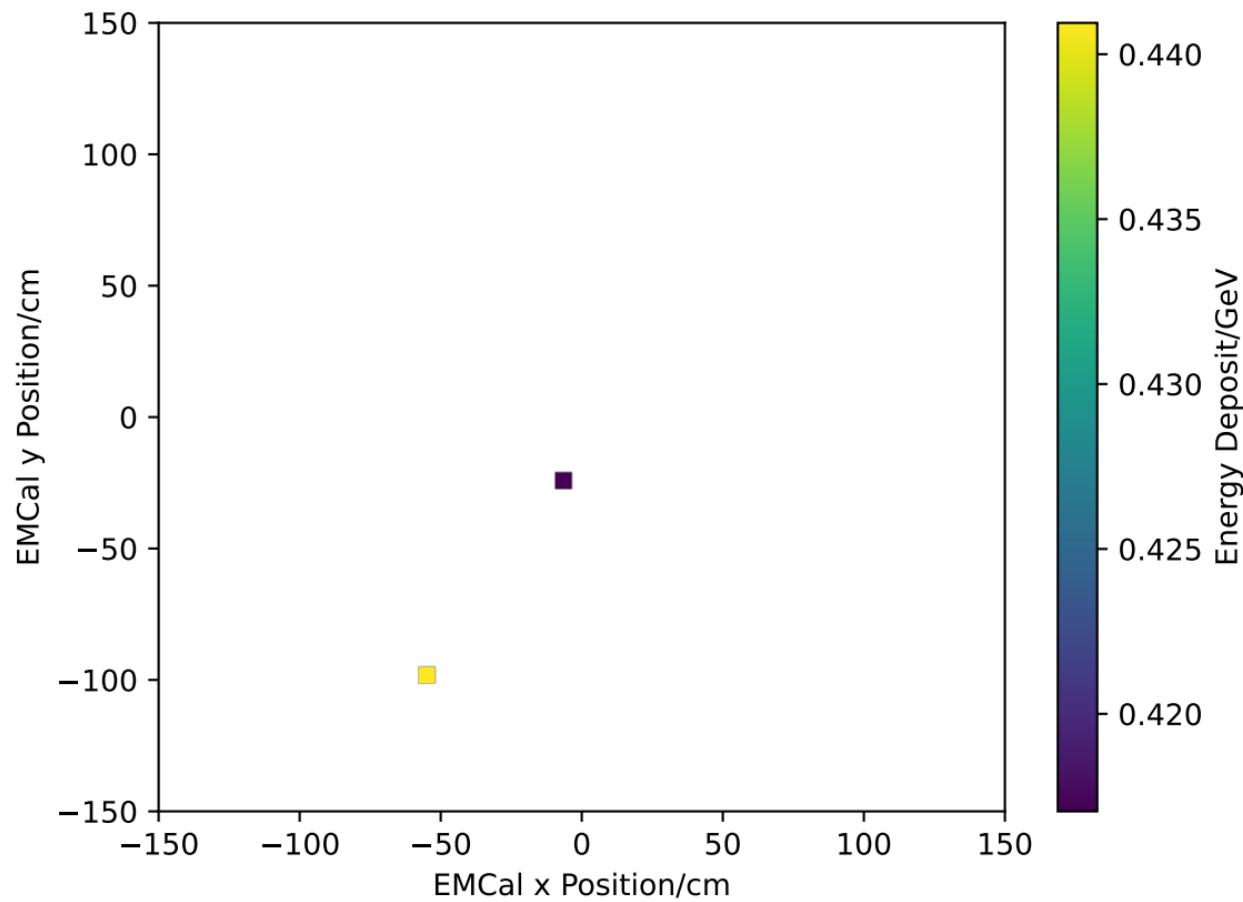
EMCal x Position/cm

Energy Deposit/GeV

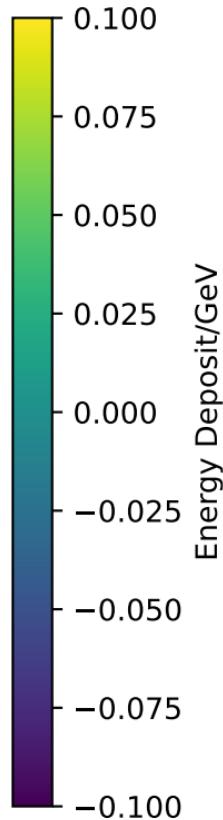
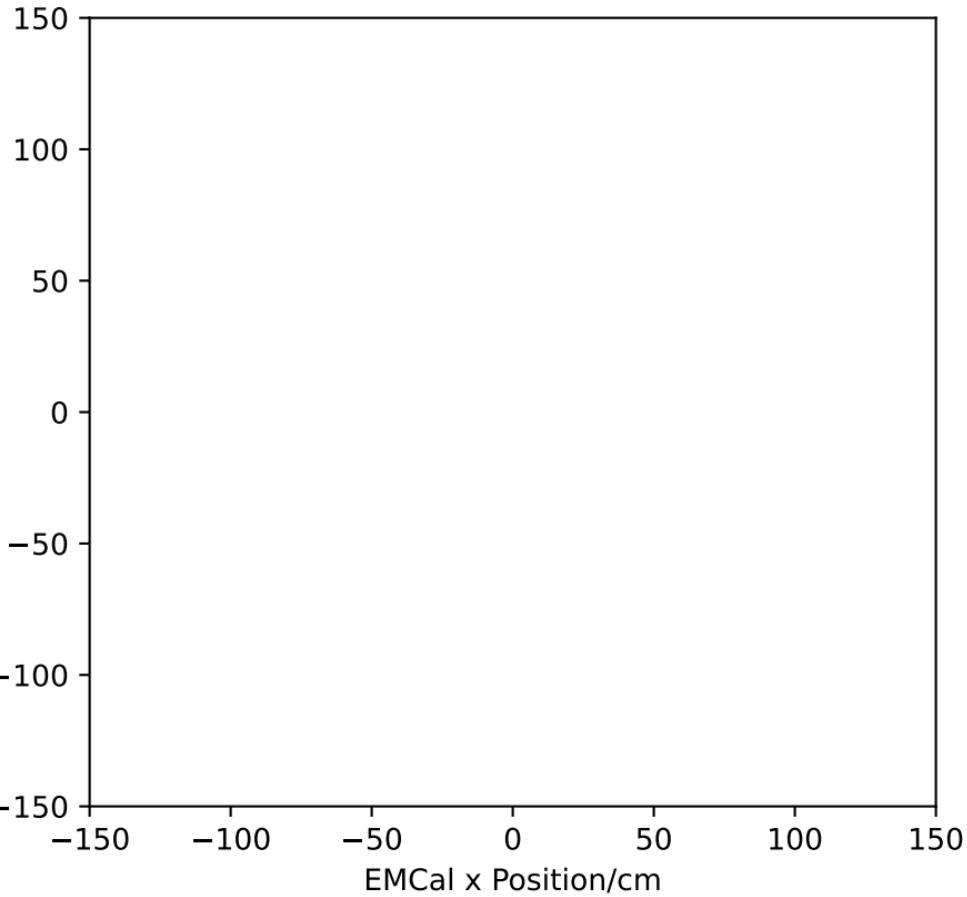


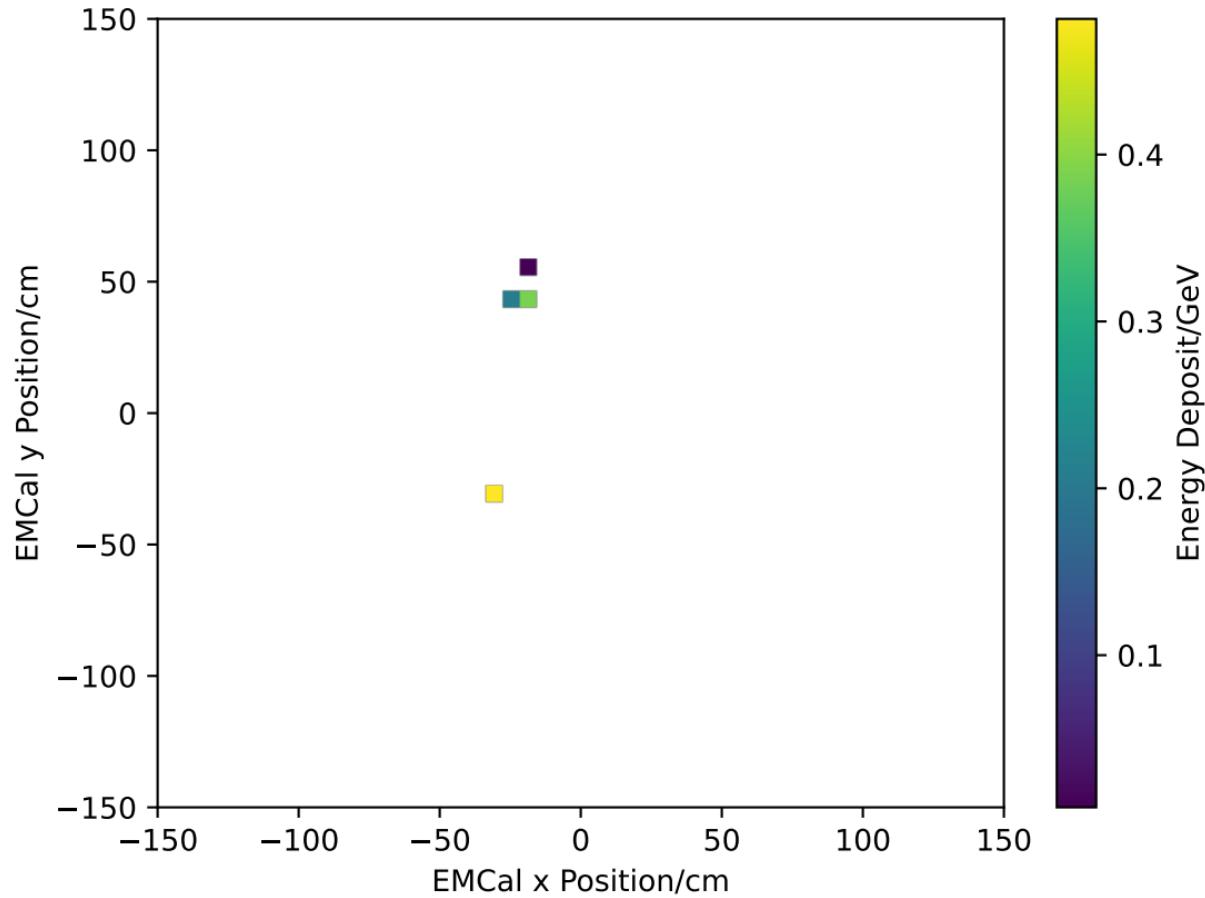


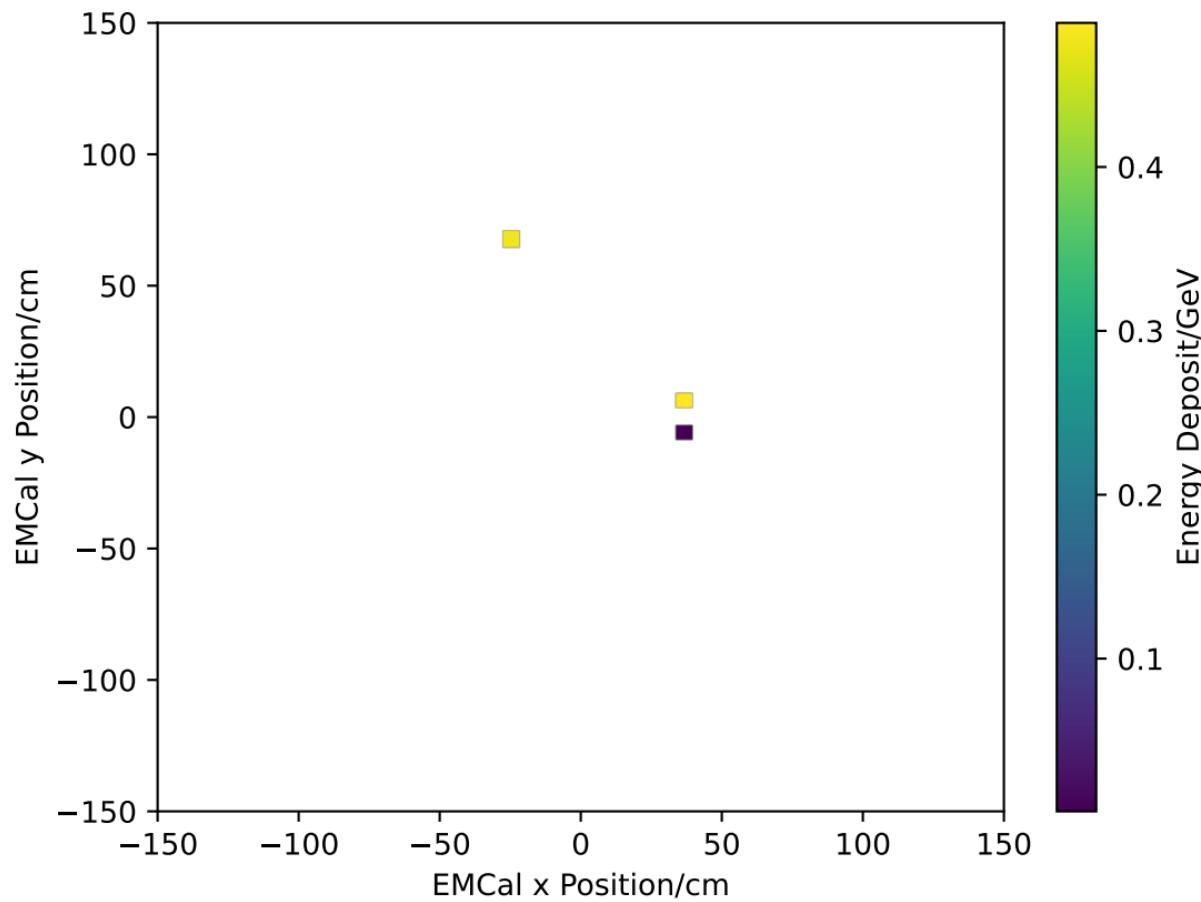


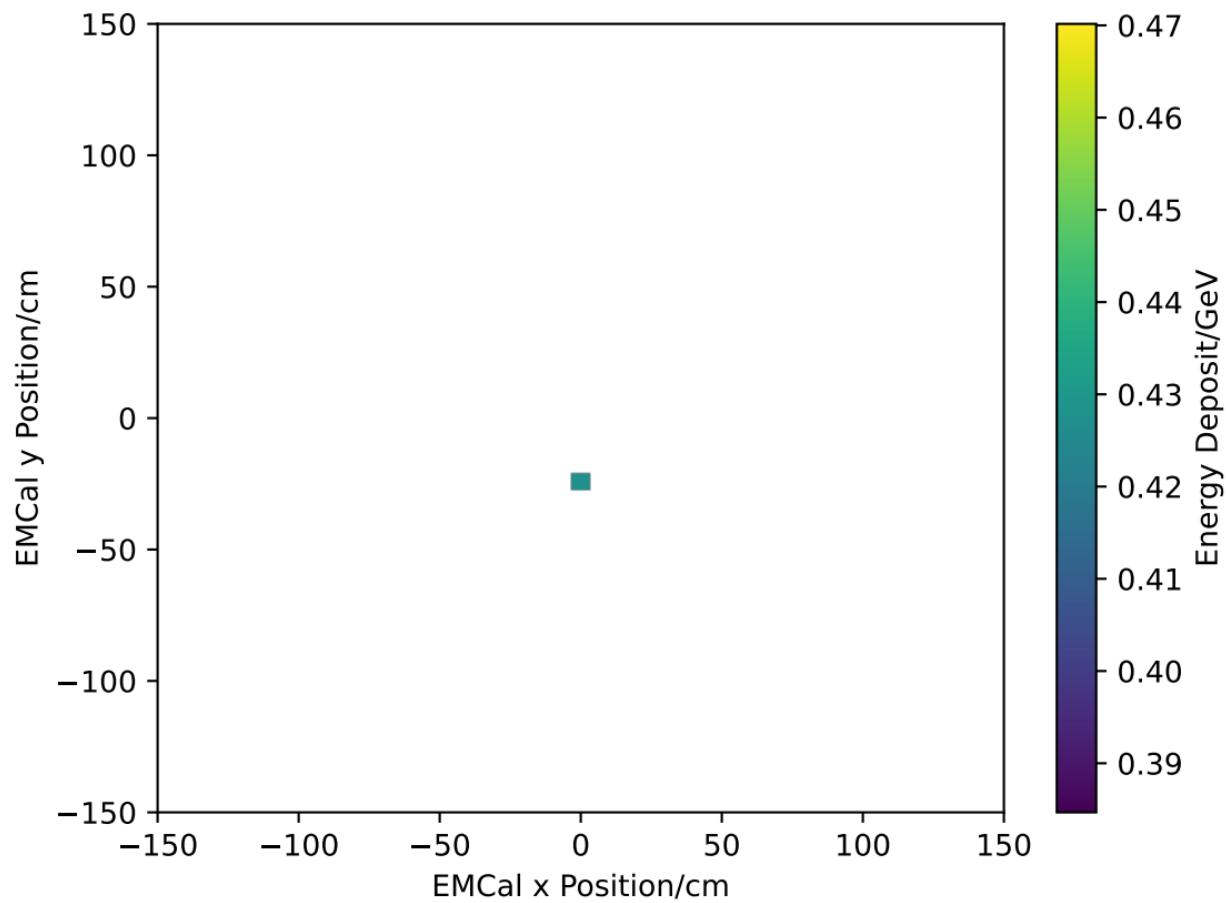


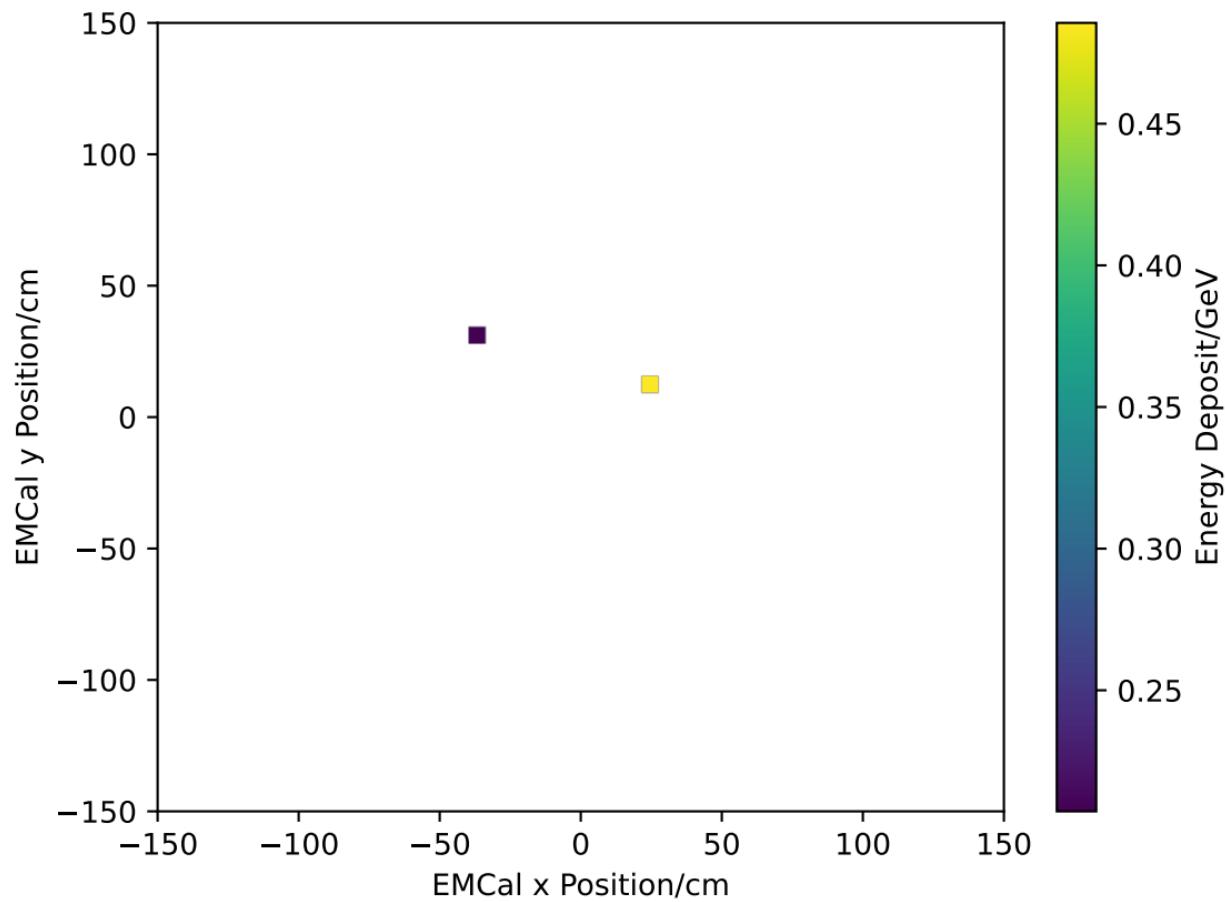
EMCal y Position/cm

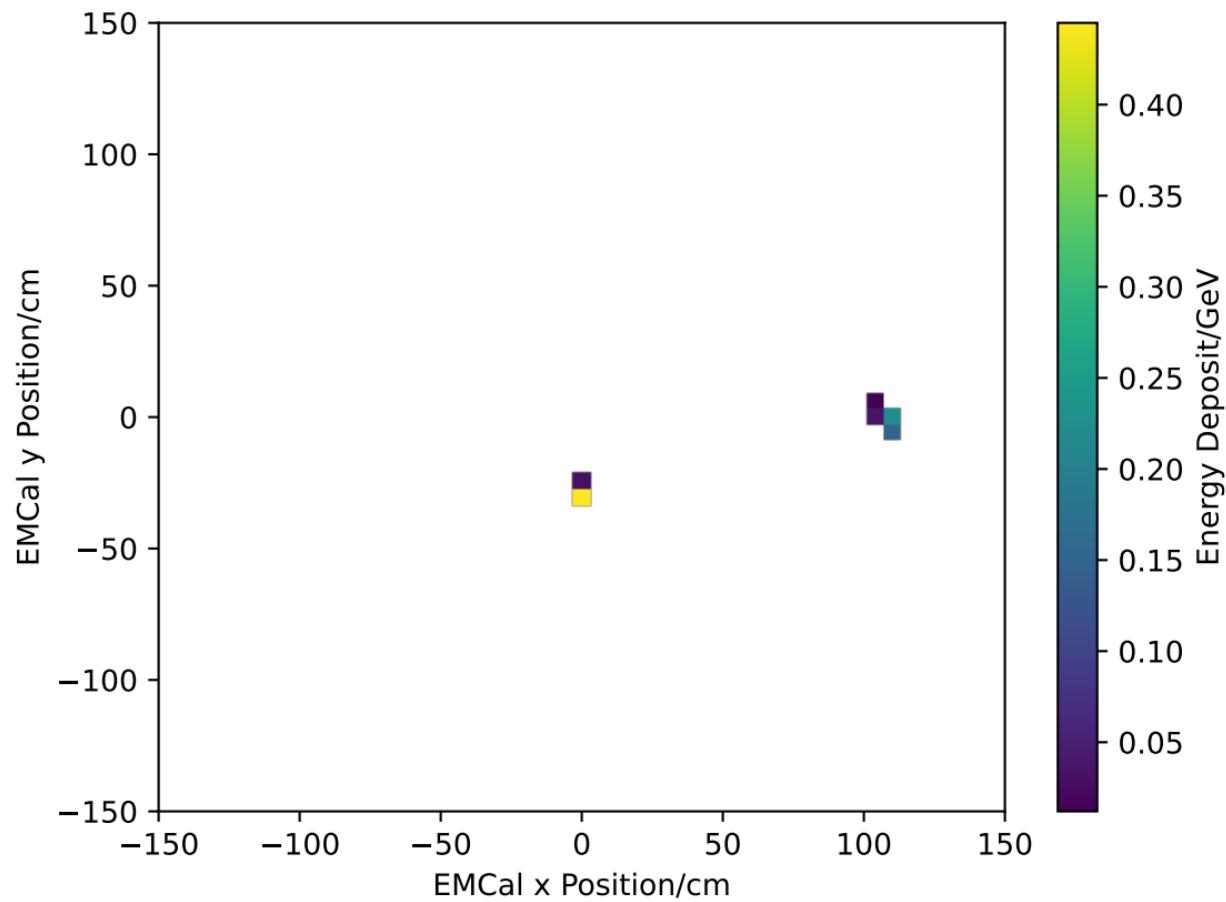


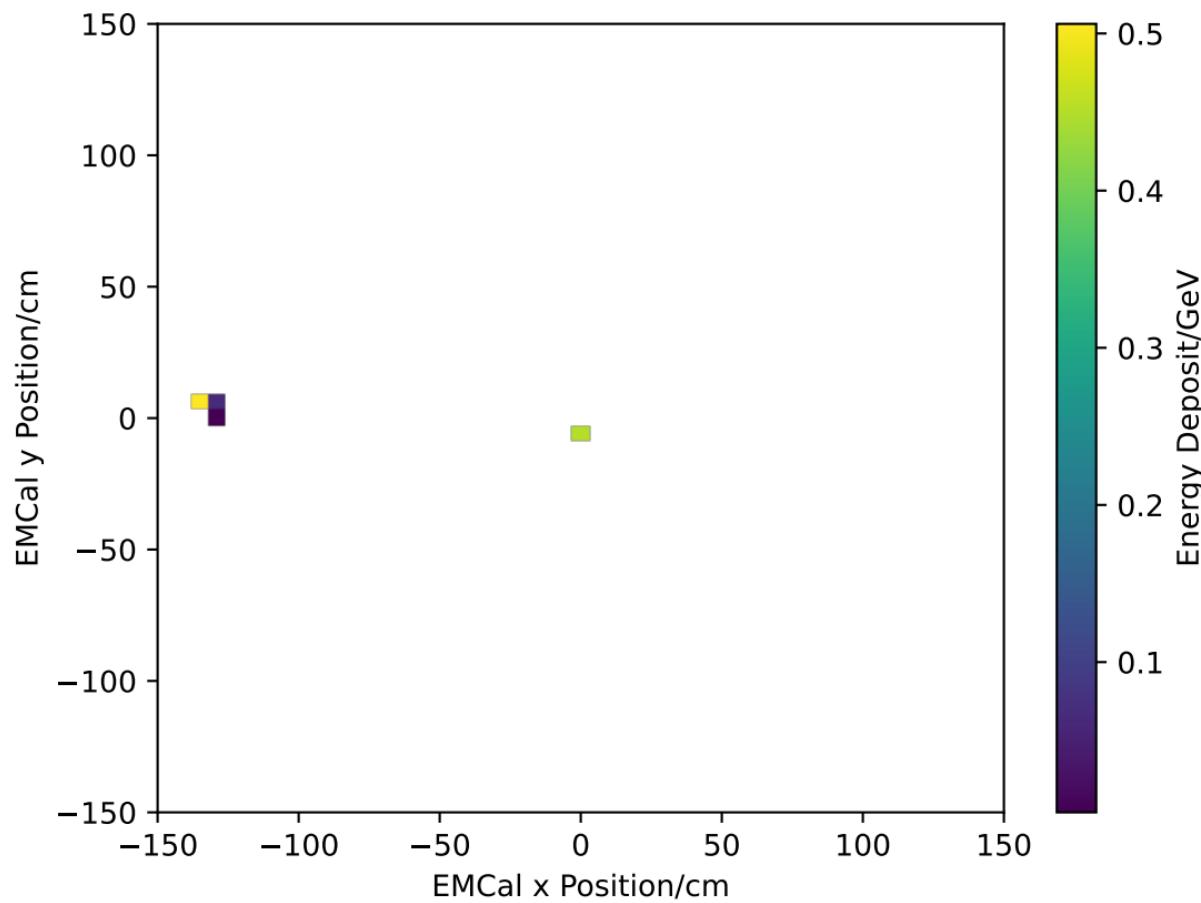




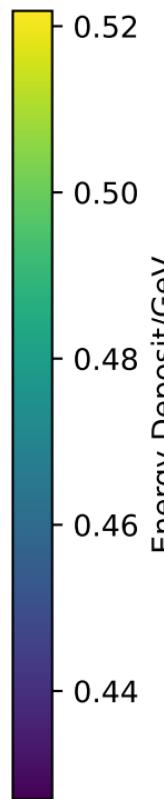
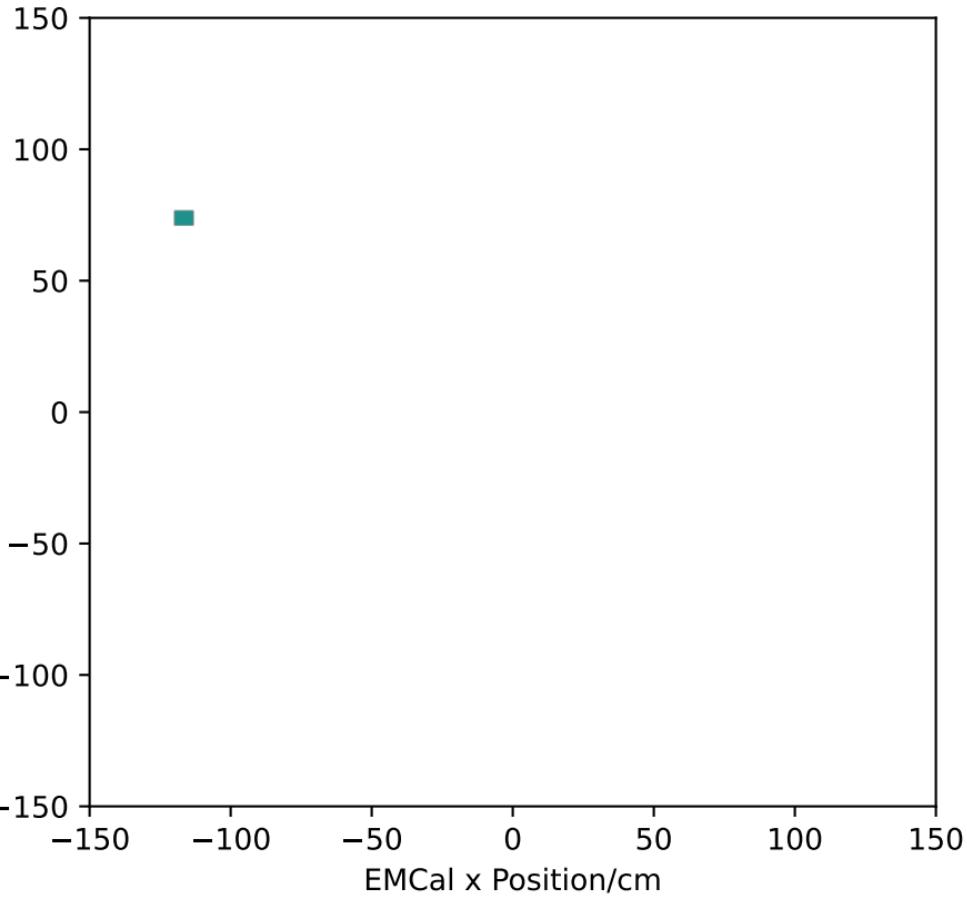


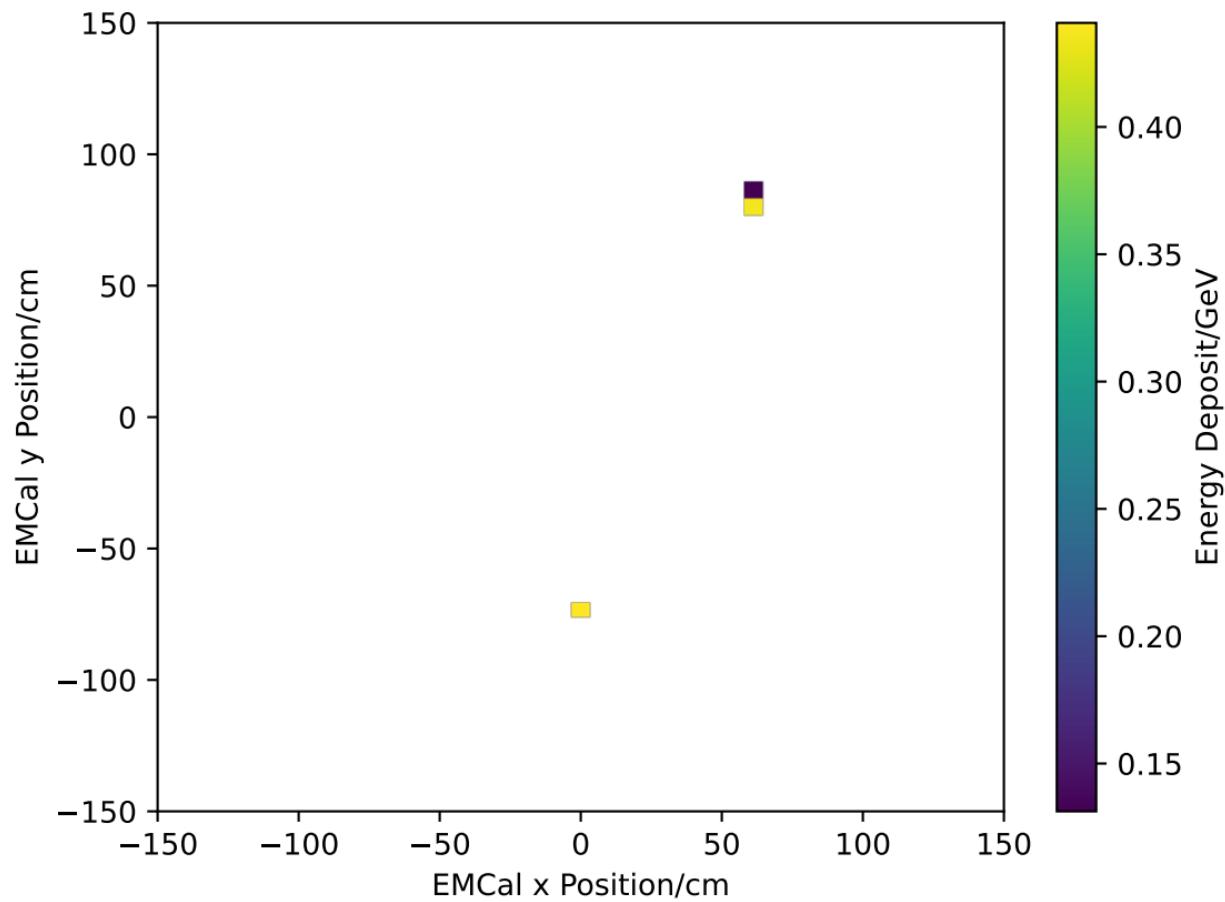


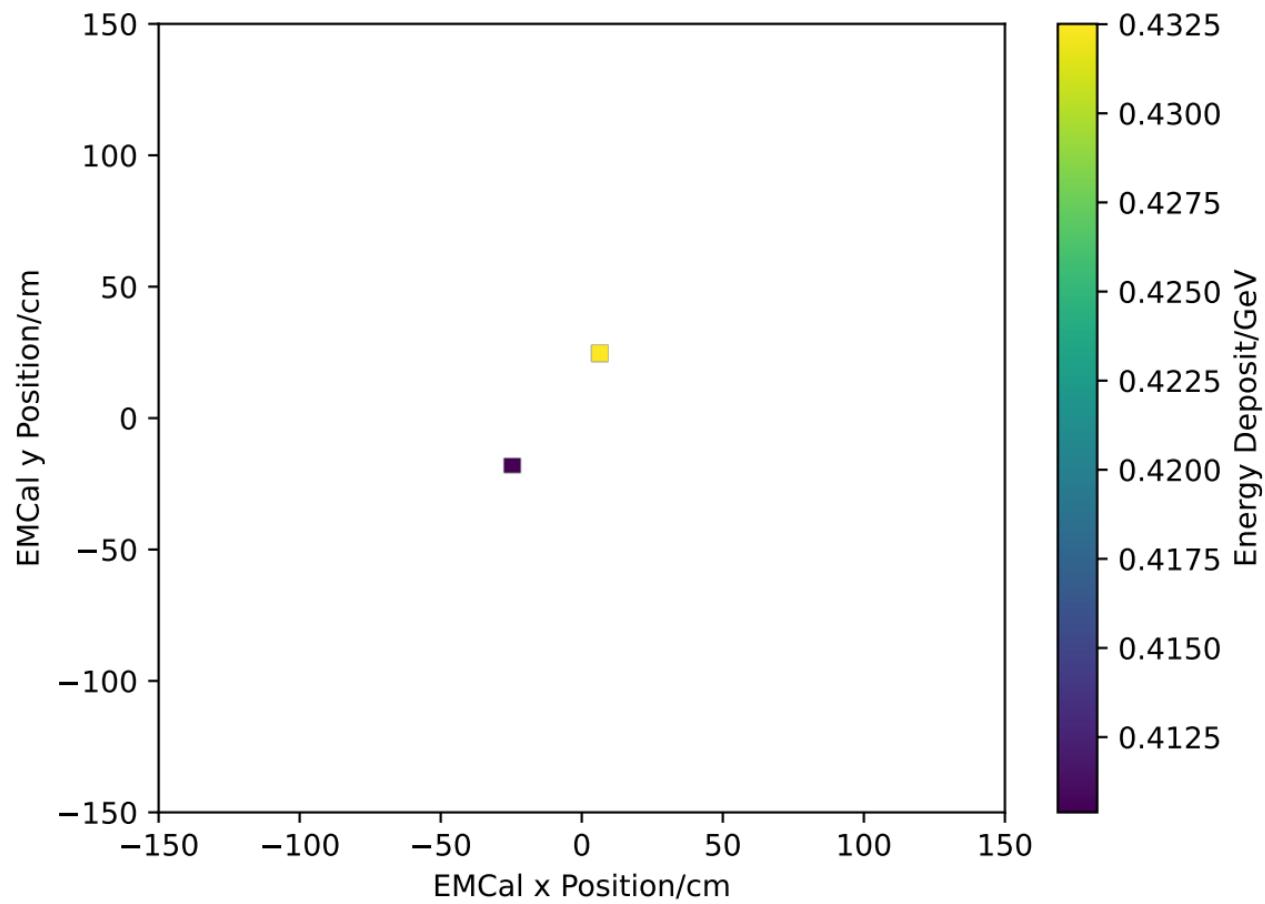


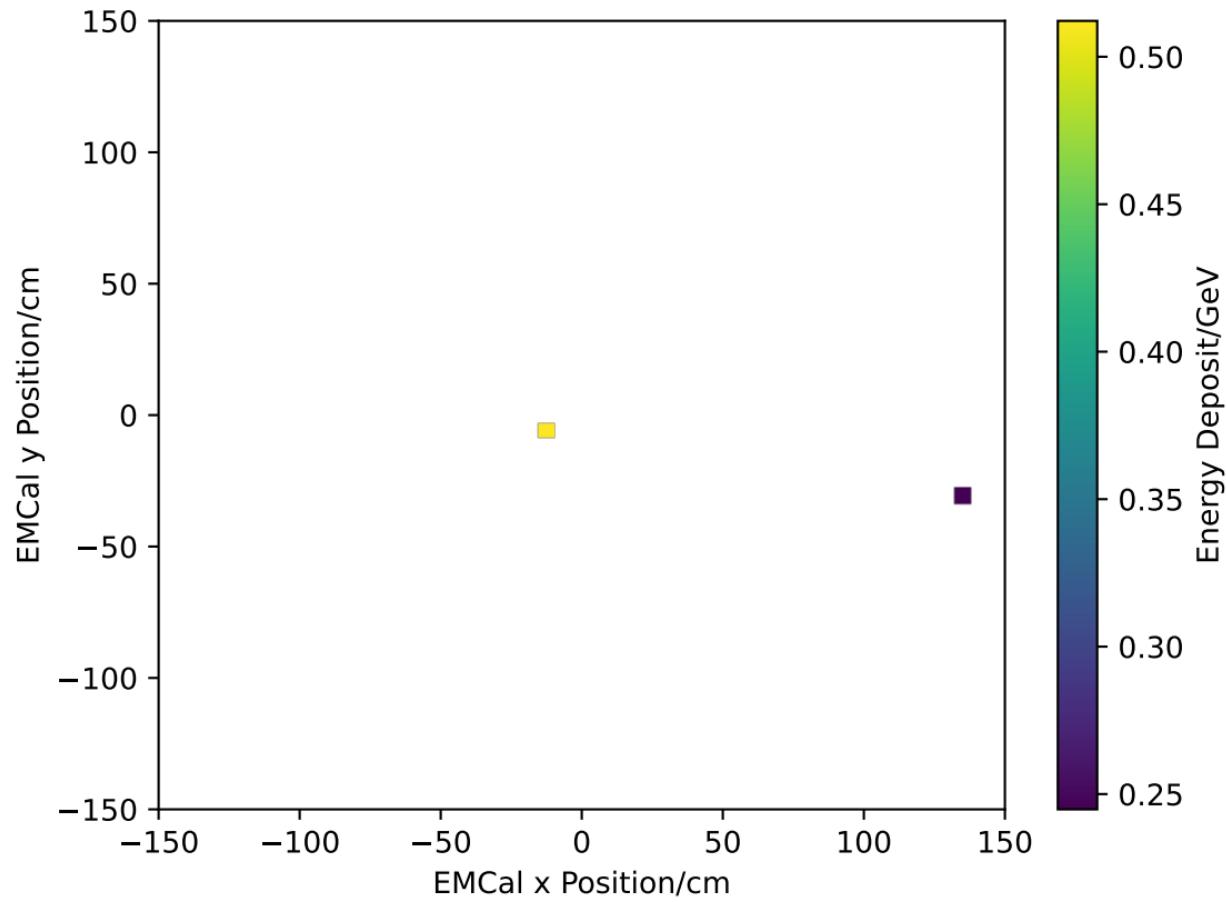


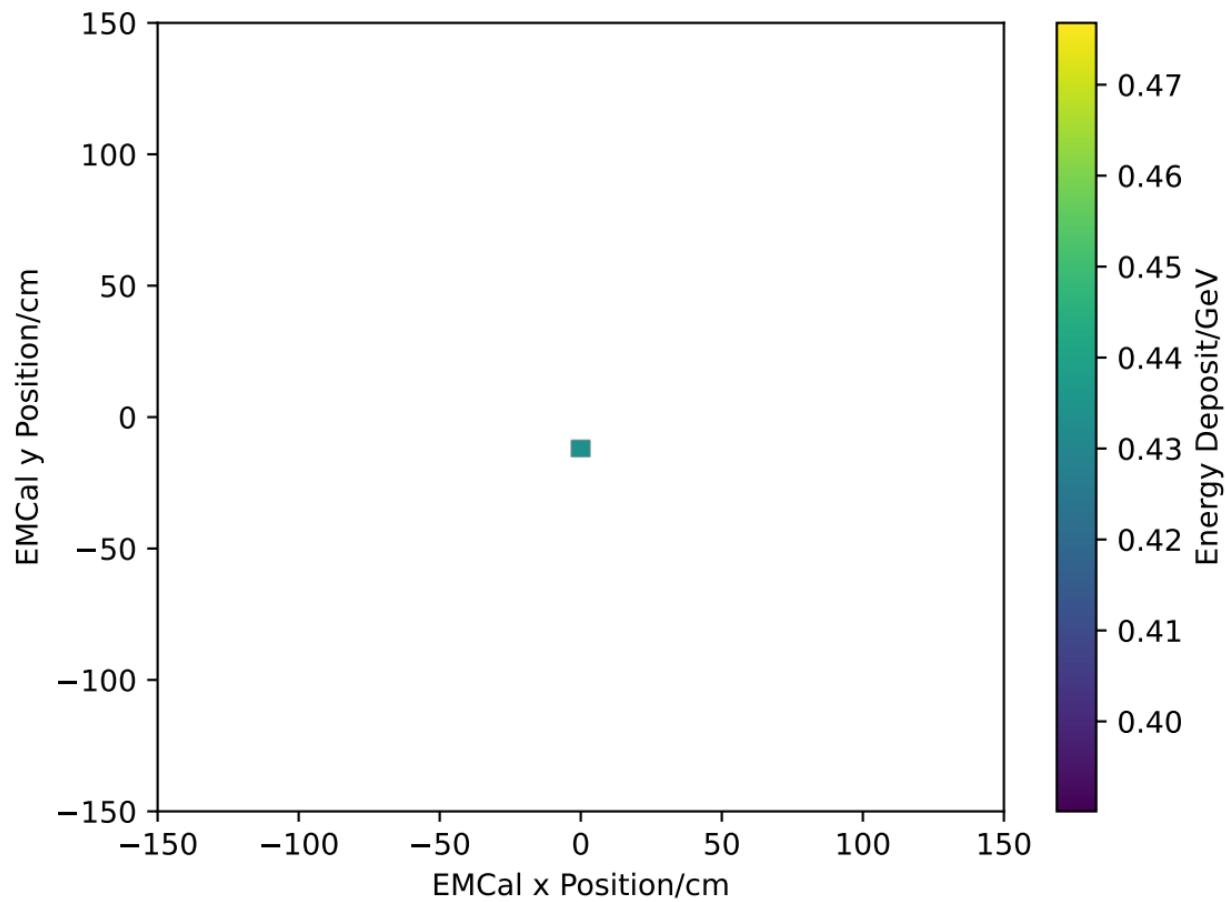
EMCal y Position/cm

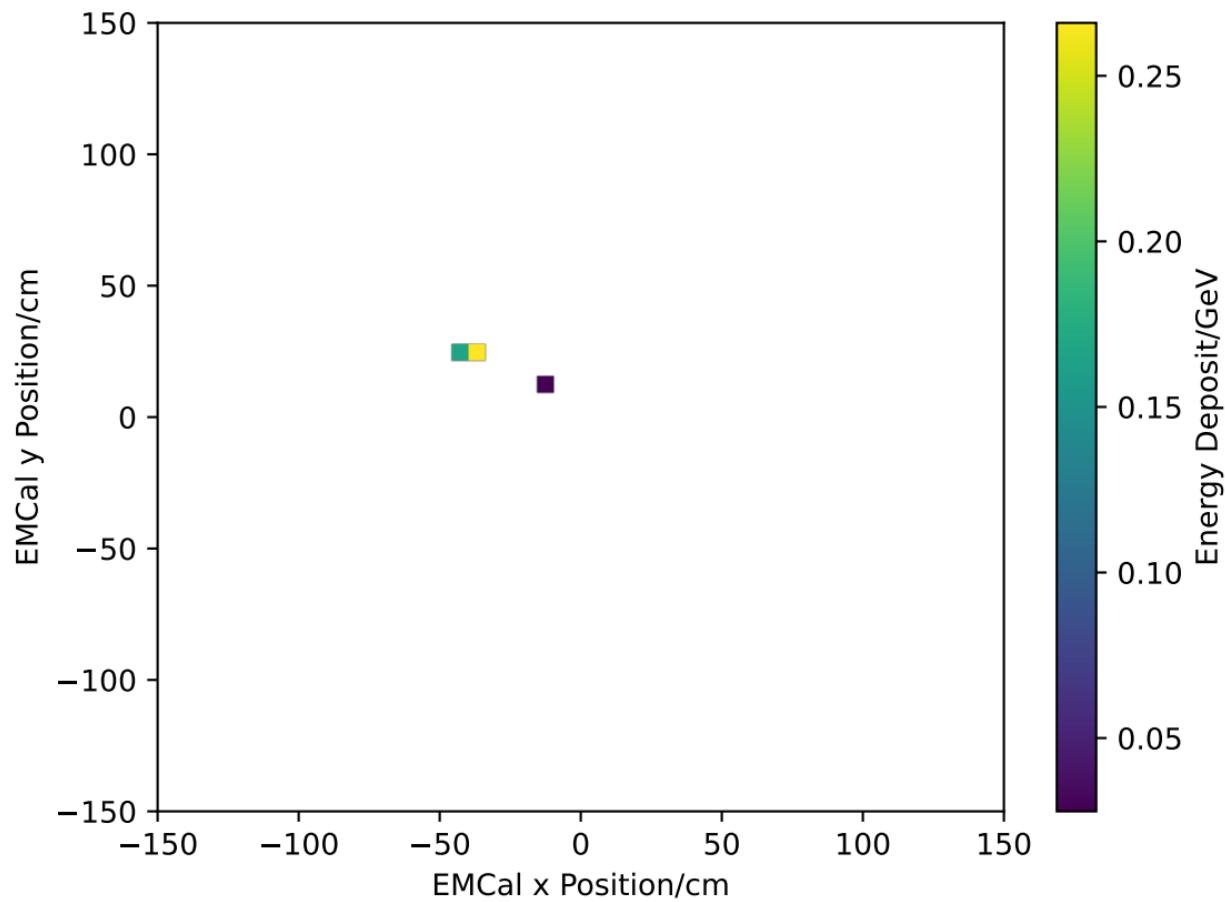


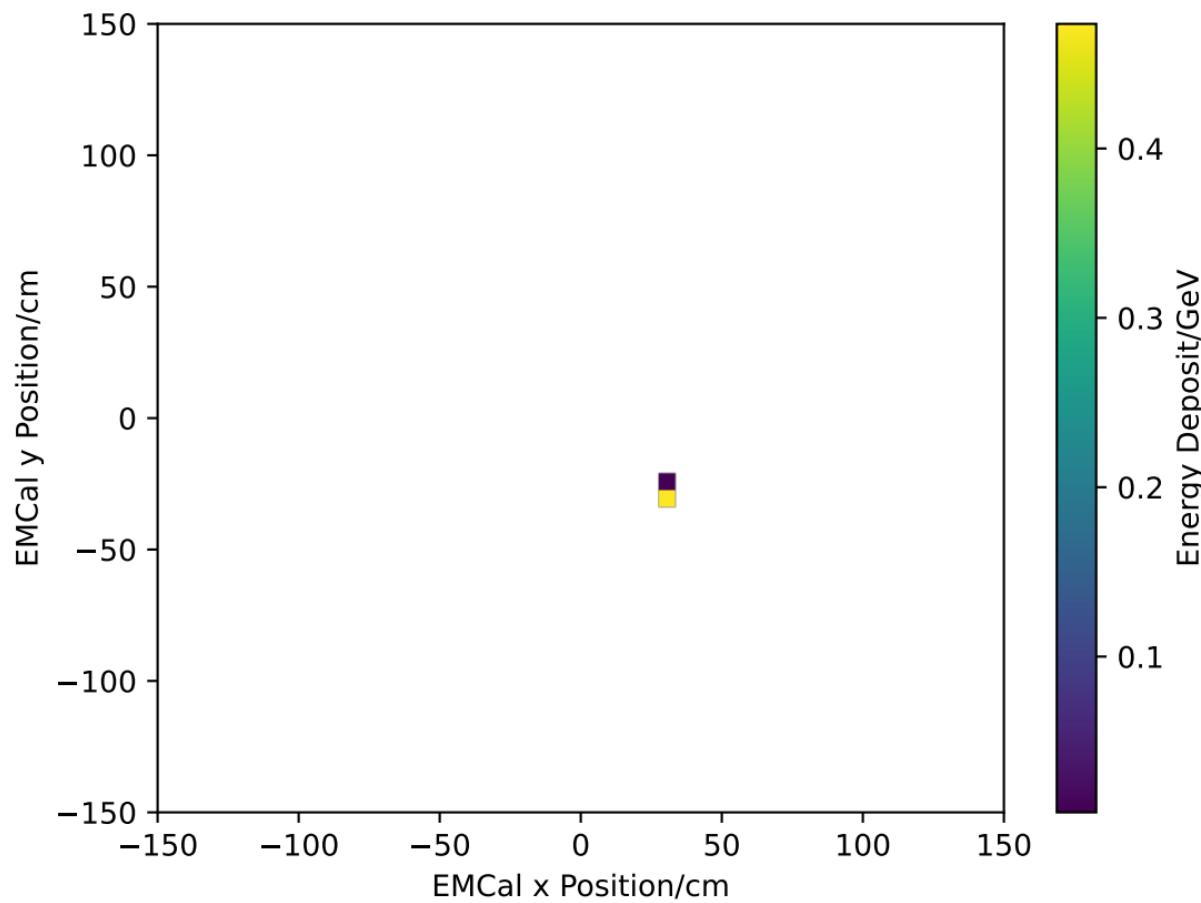


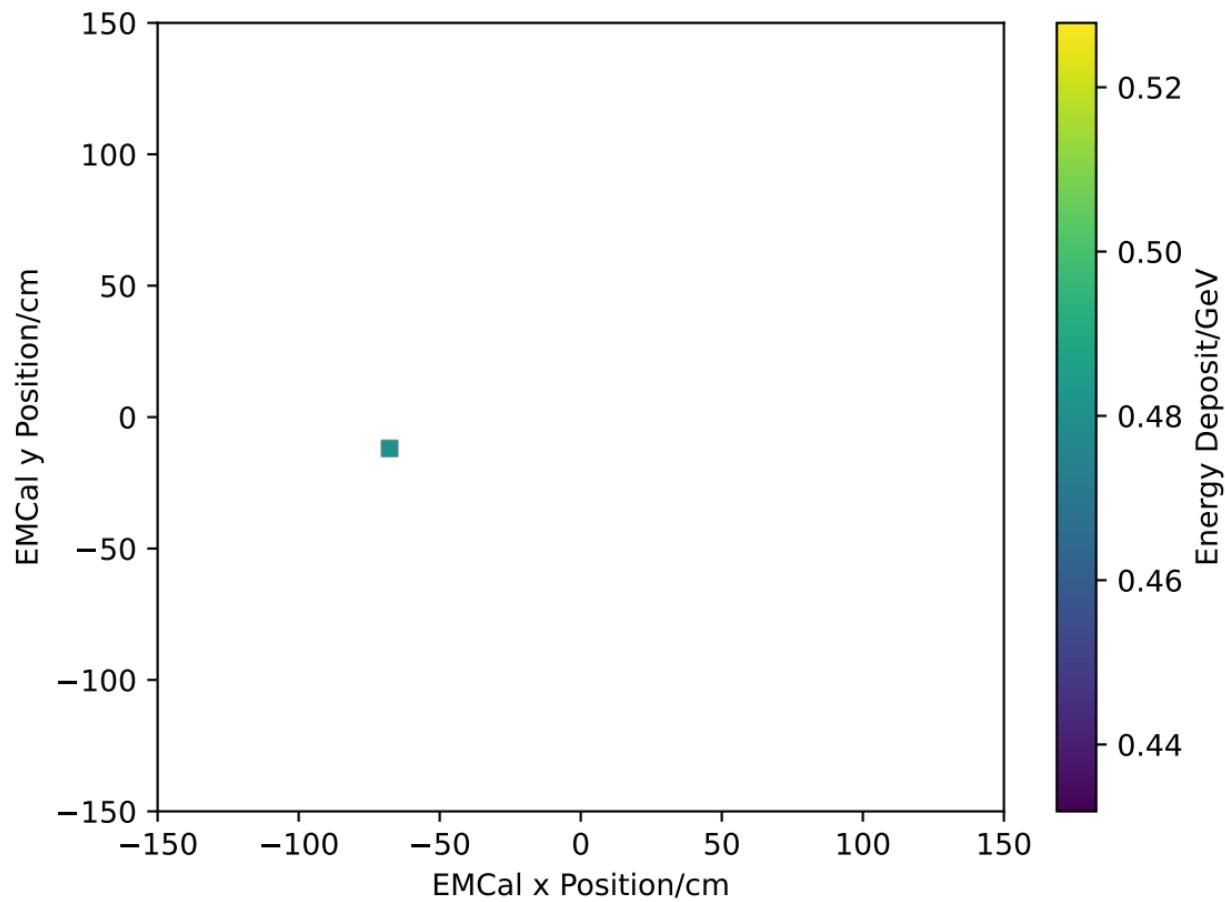


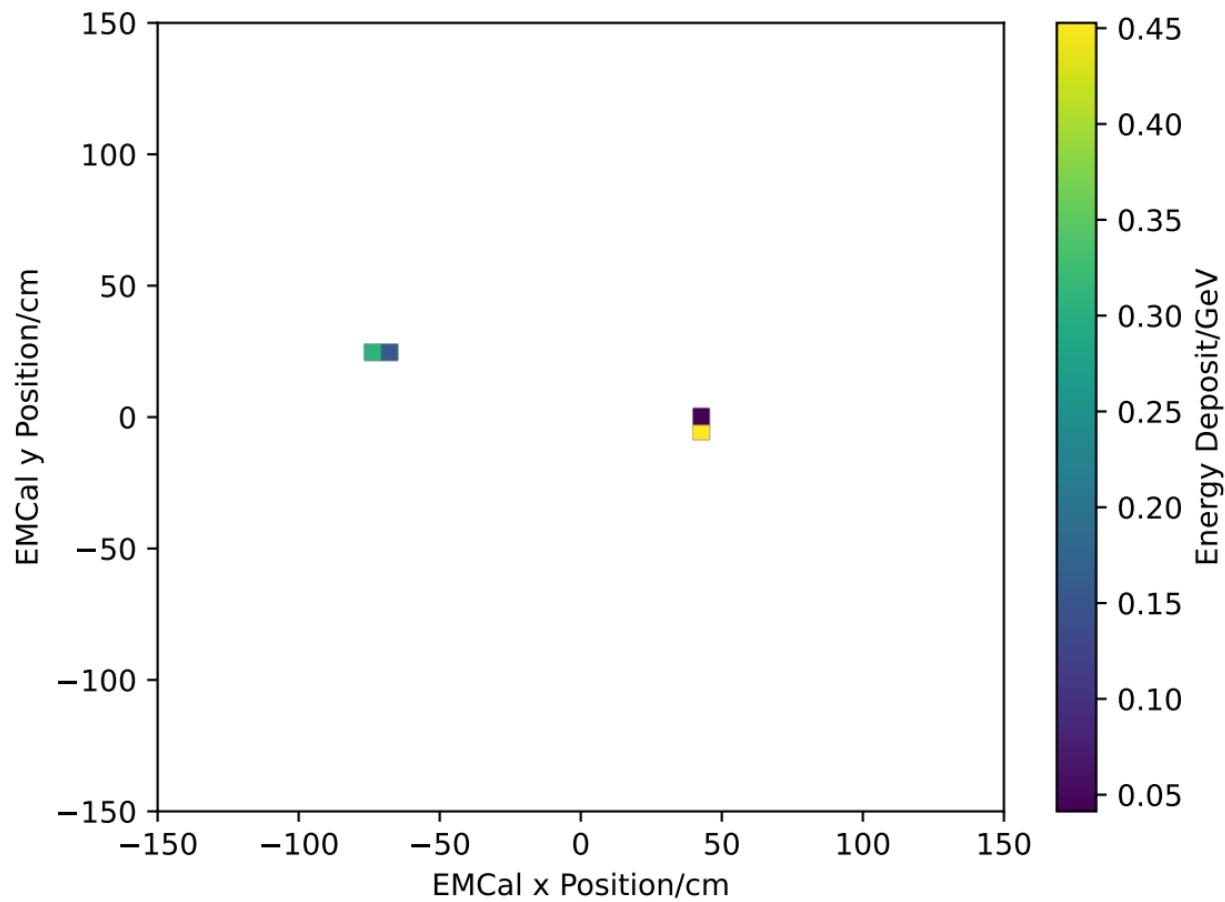


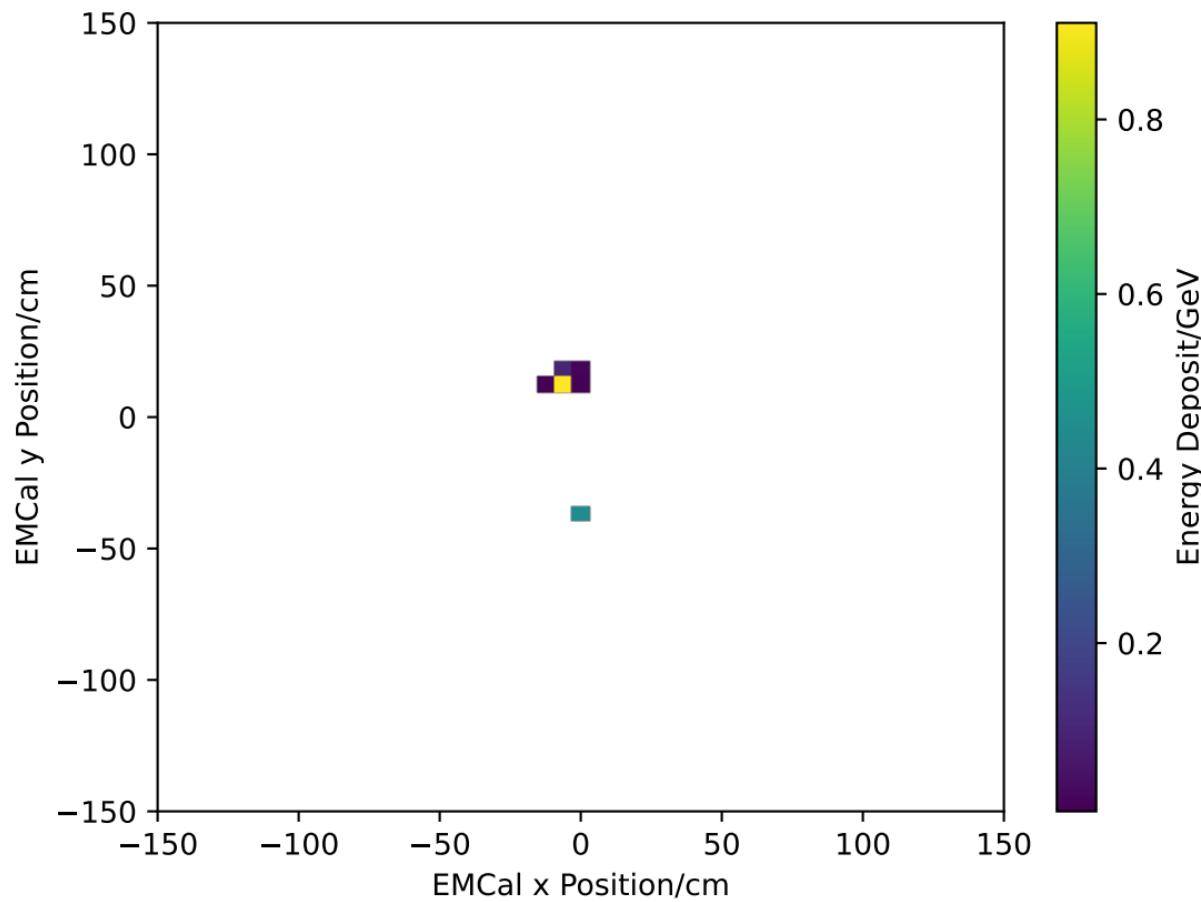


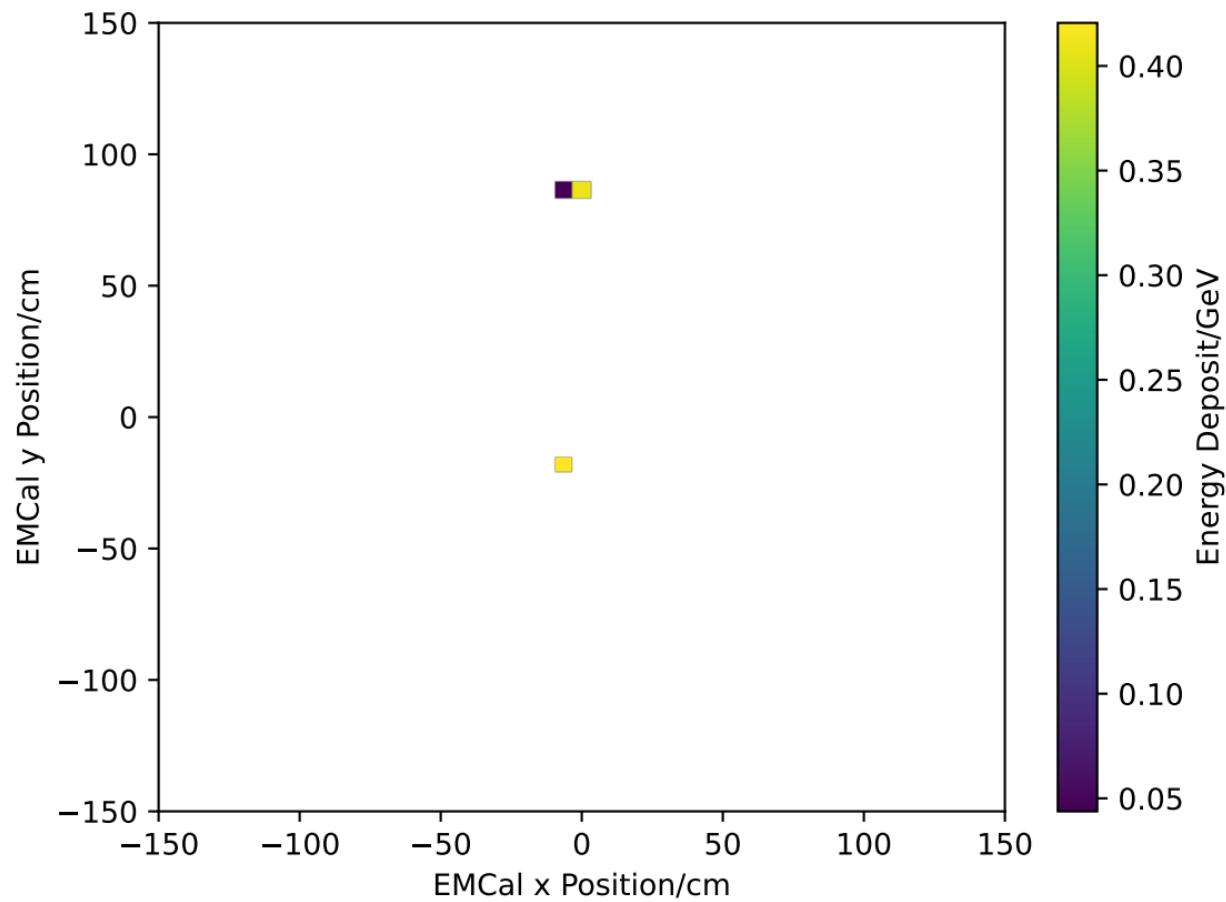


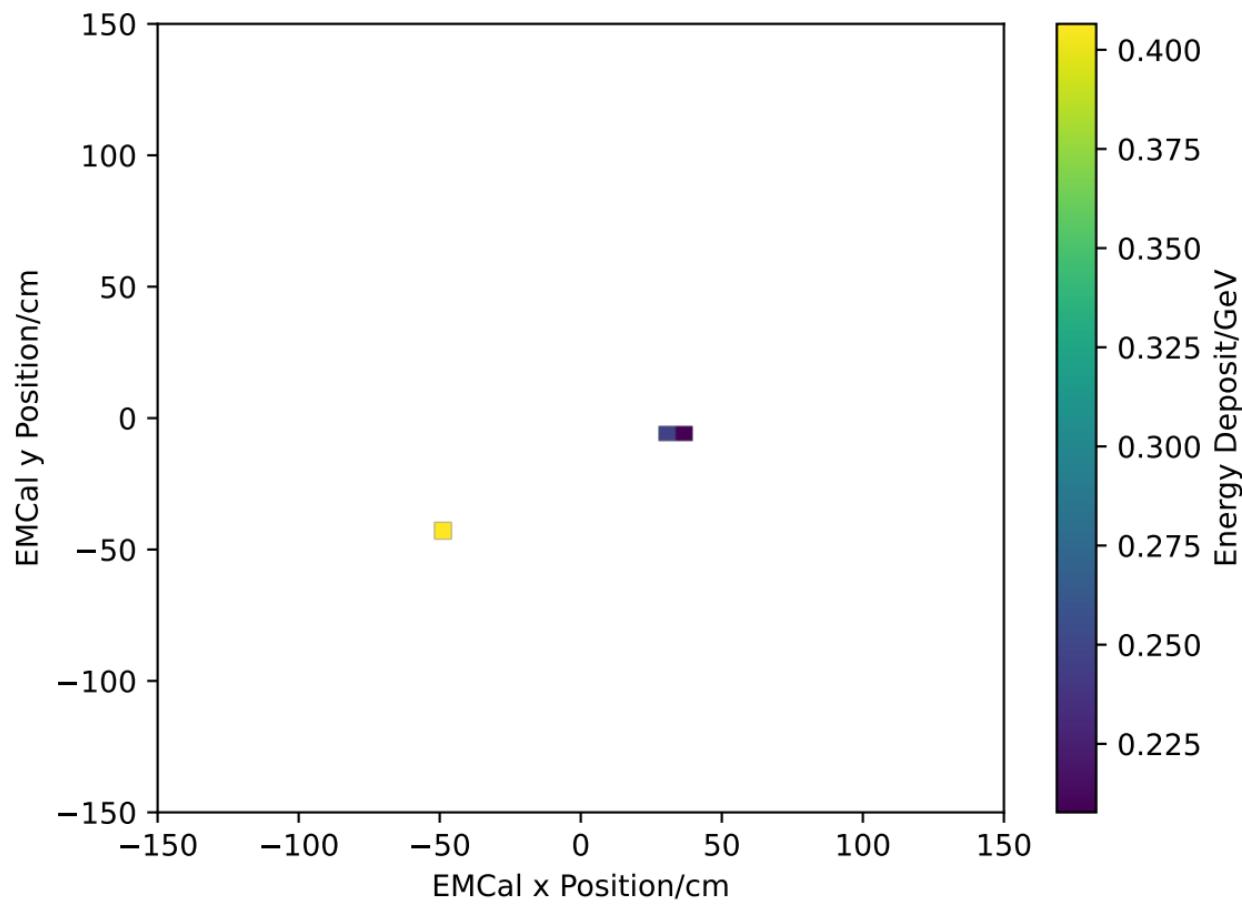


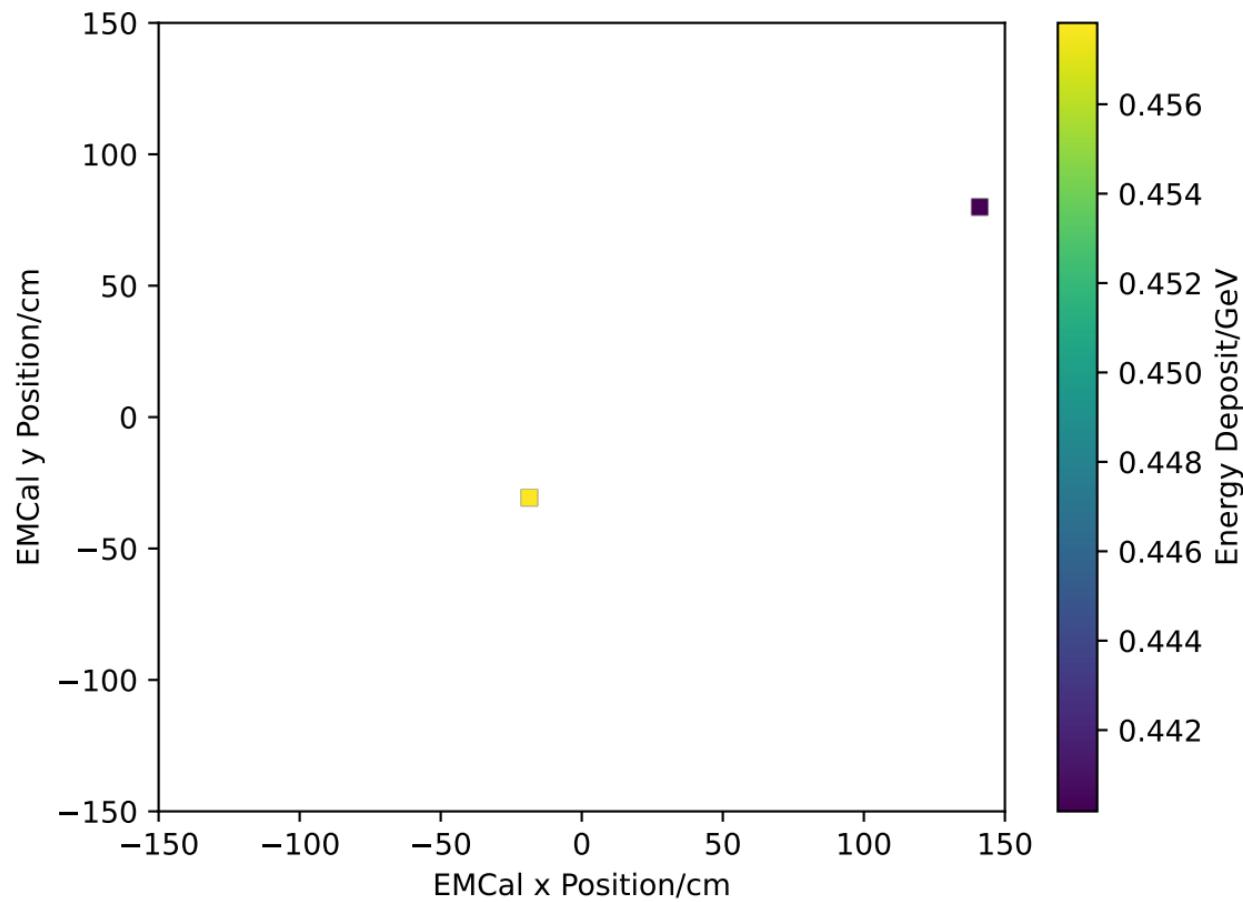


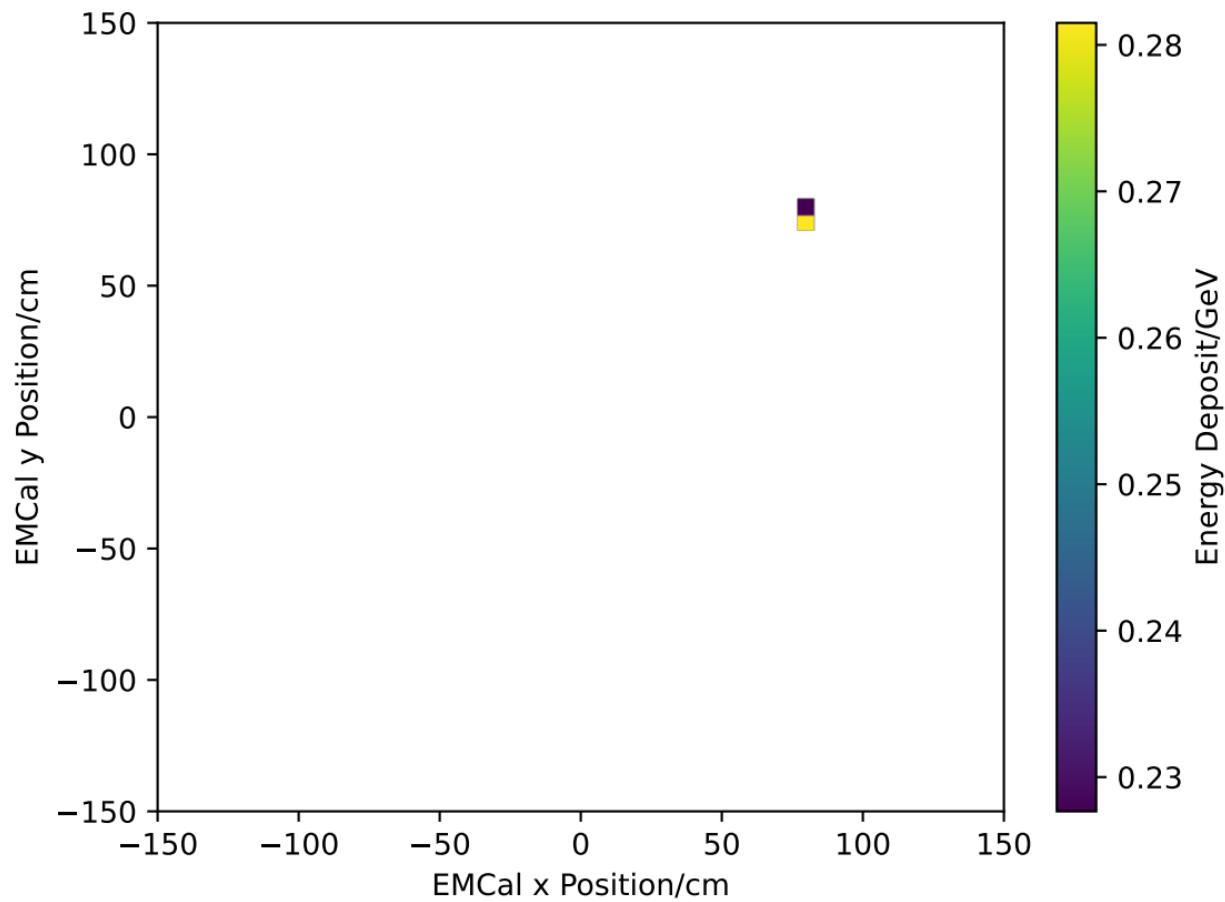


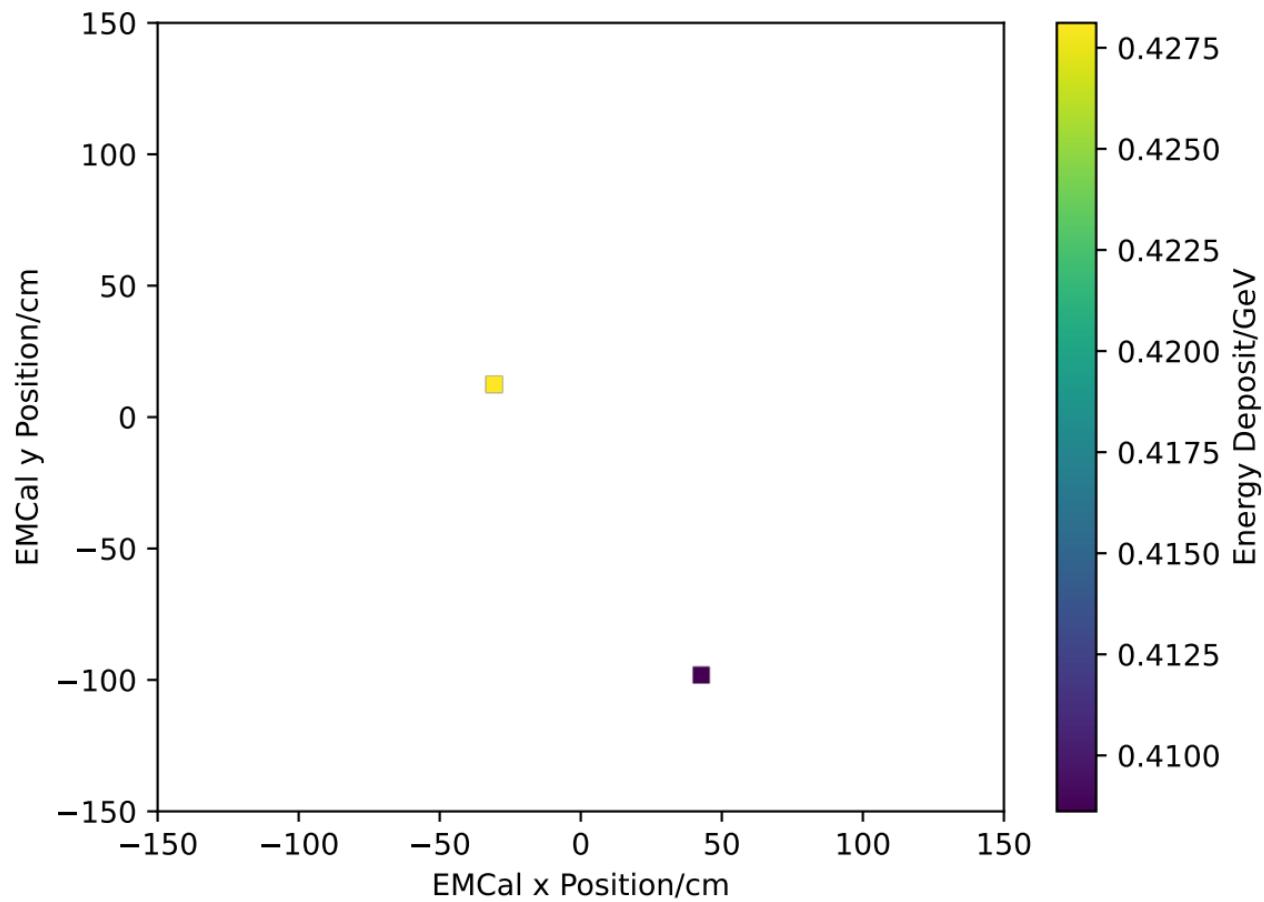


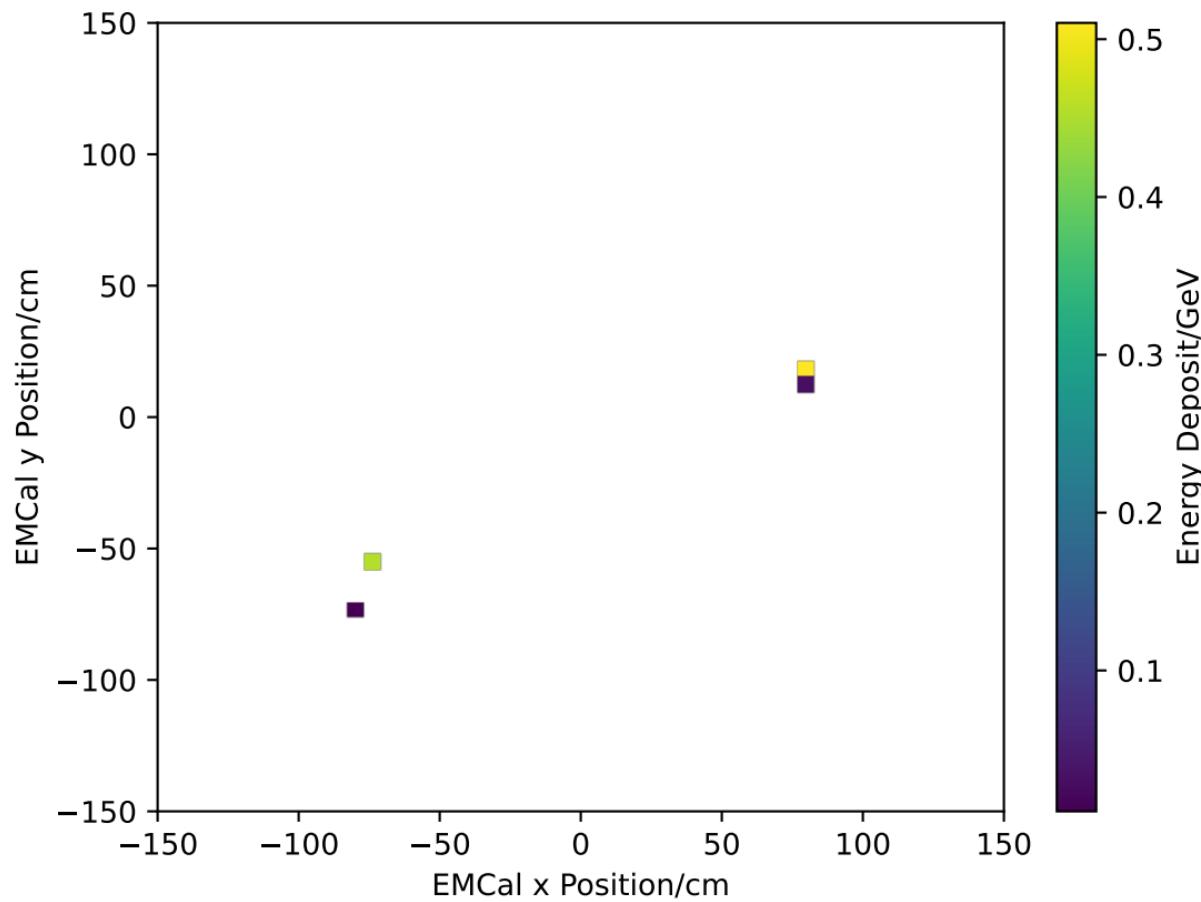


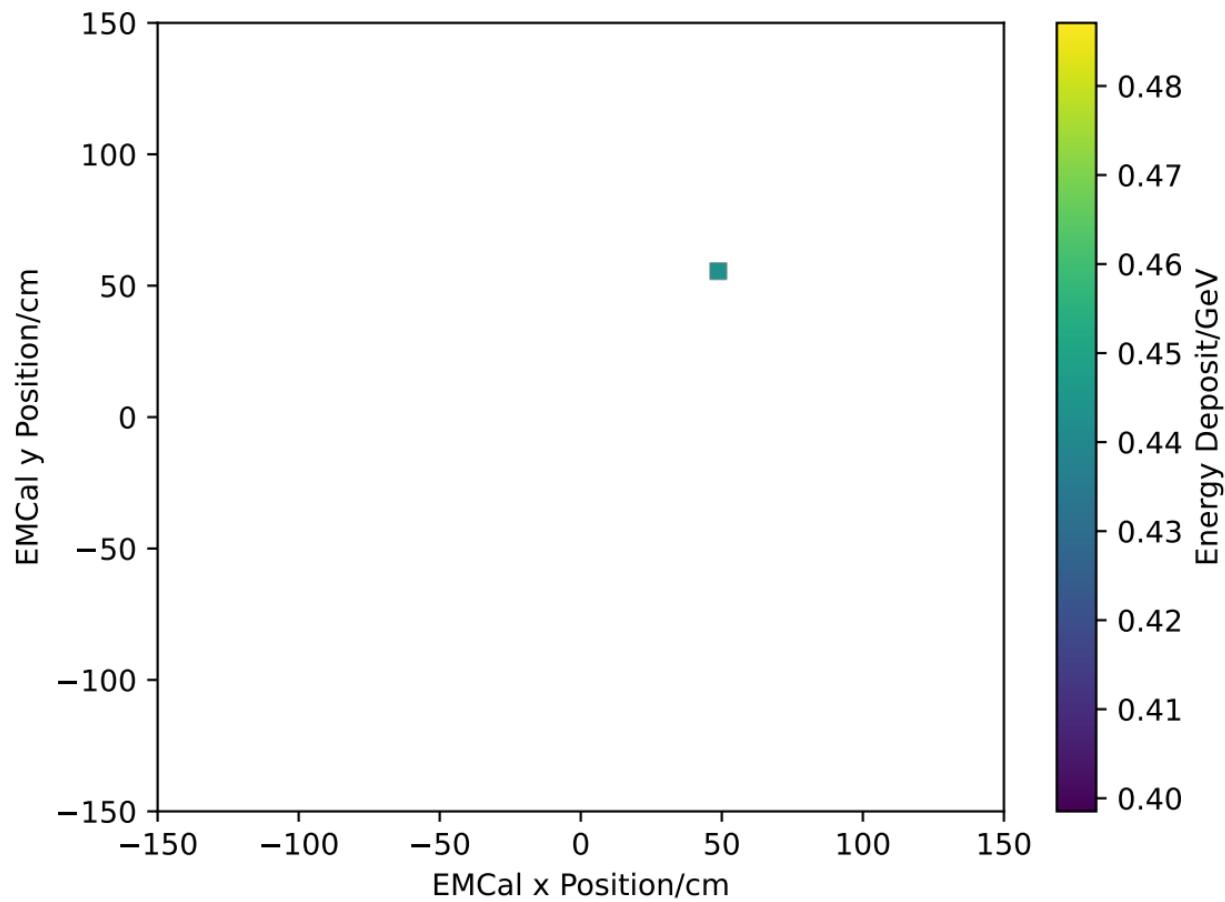




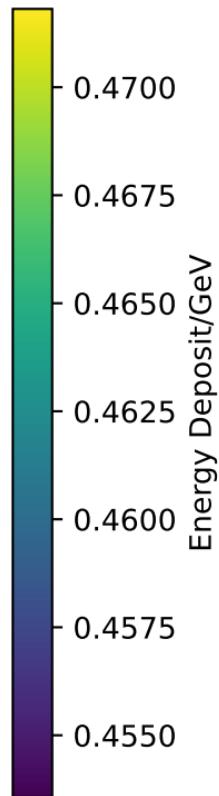
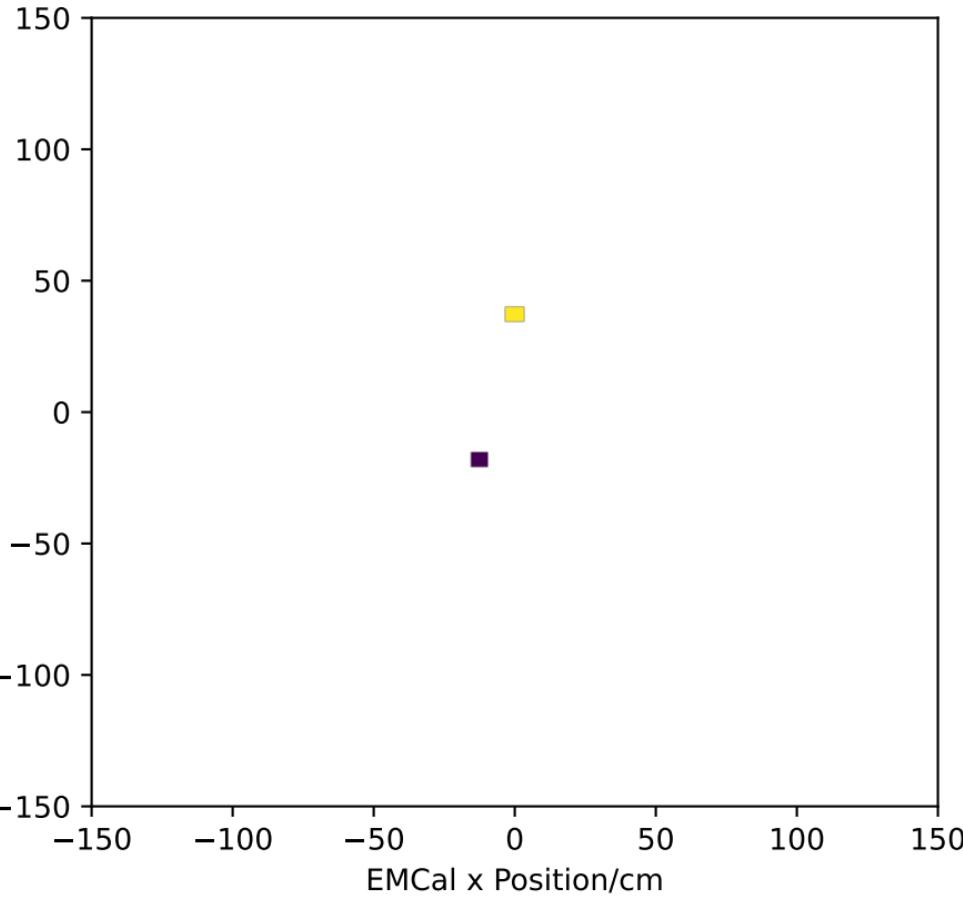




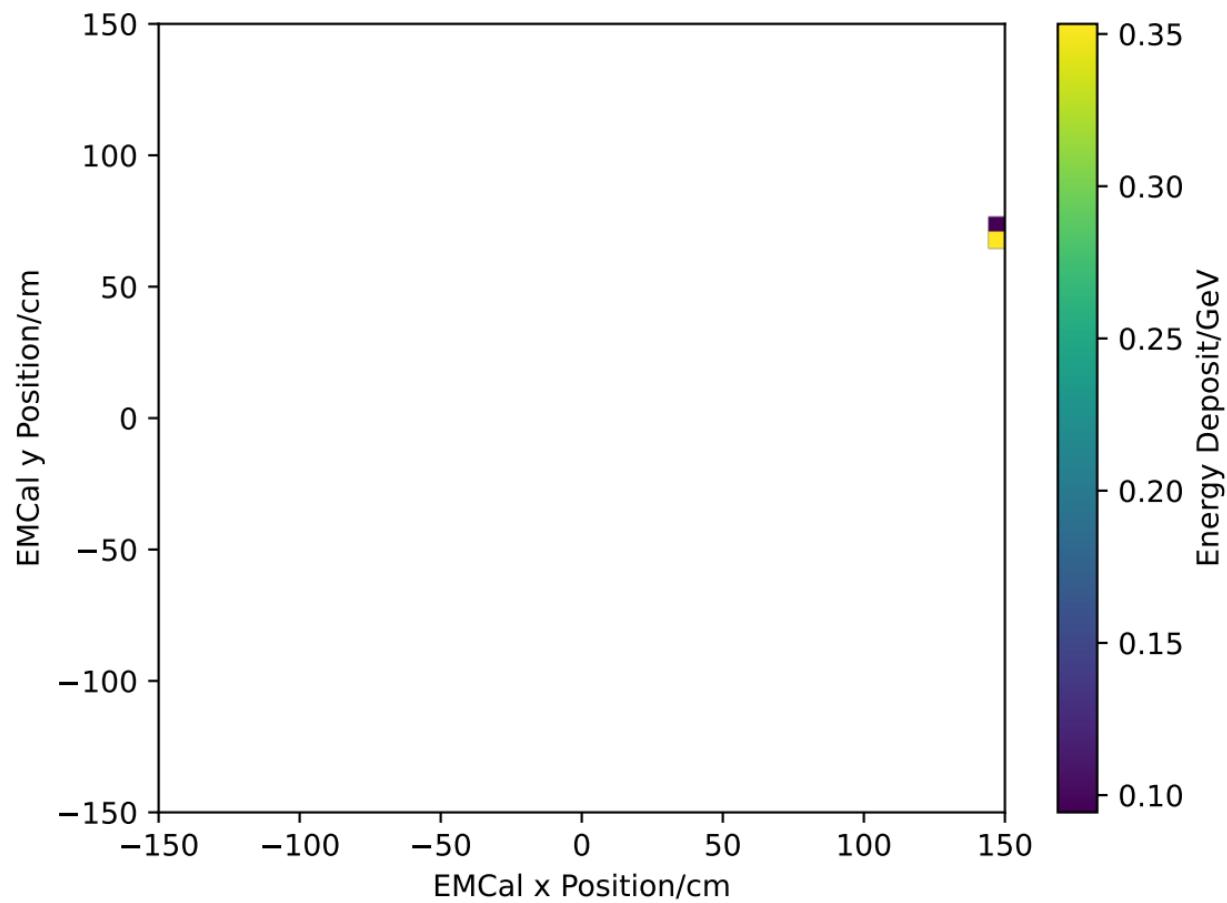




EMCal y Position/cm



Energy Deposit/GeV



EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

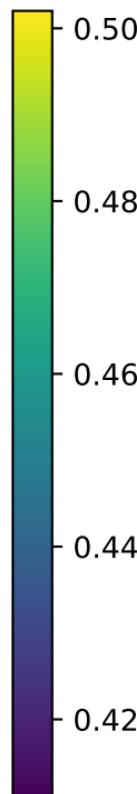
0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

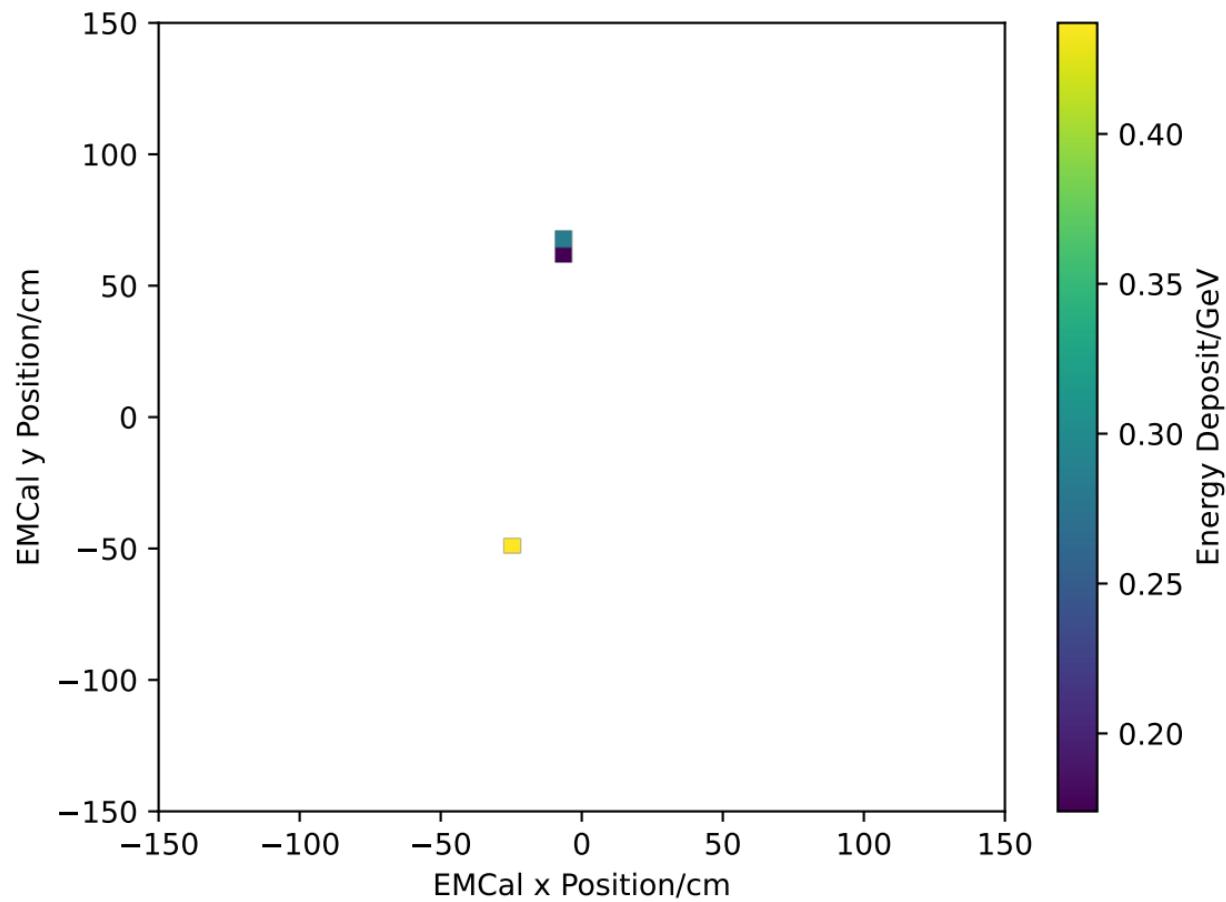
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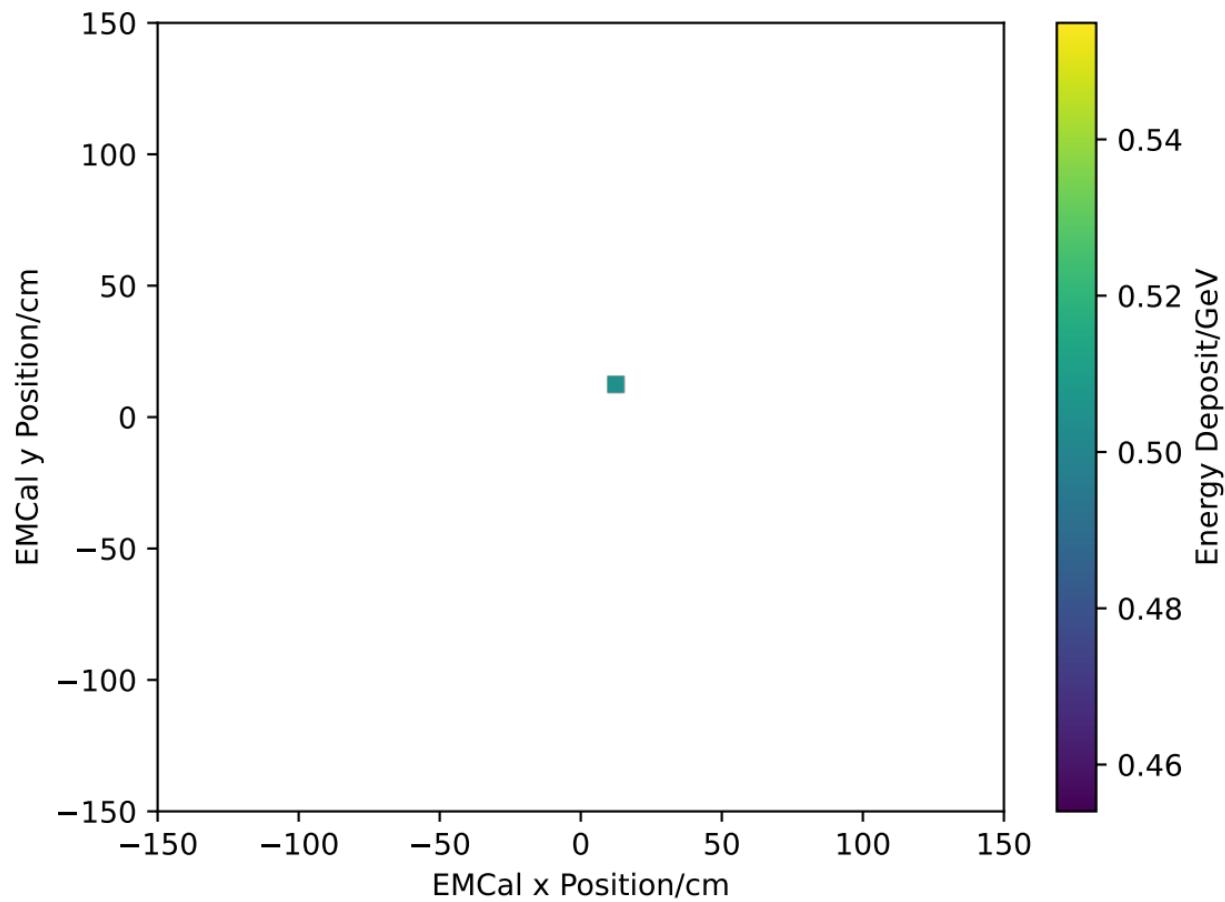
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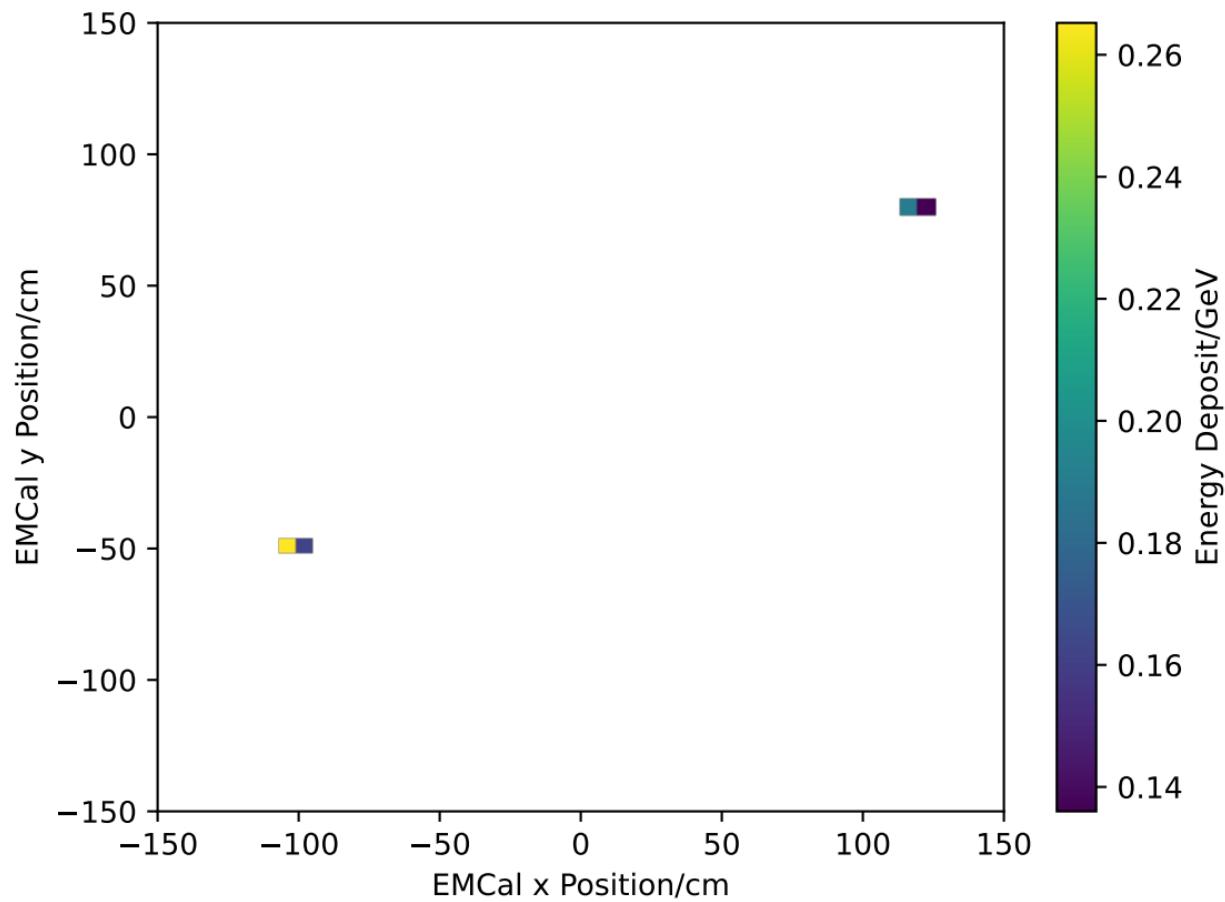
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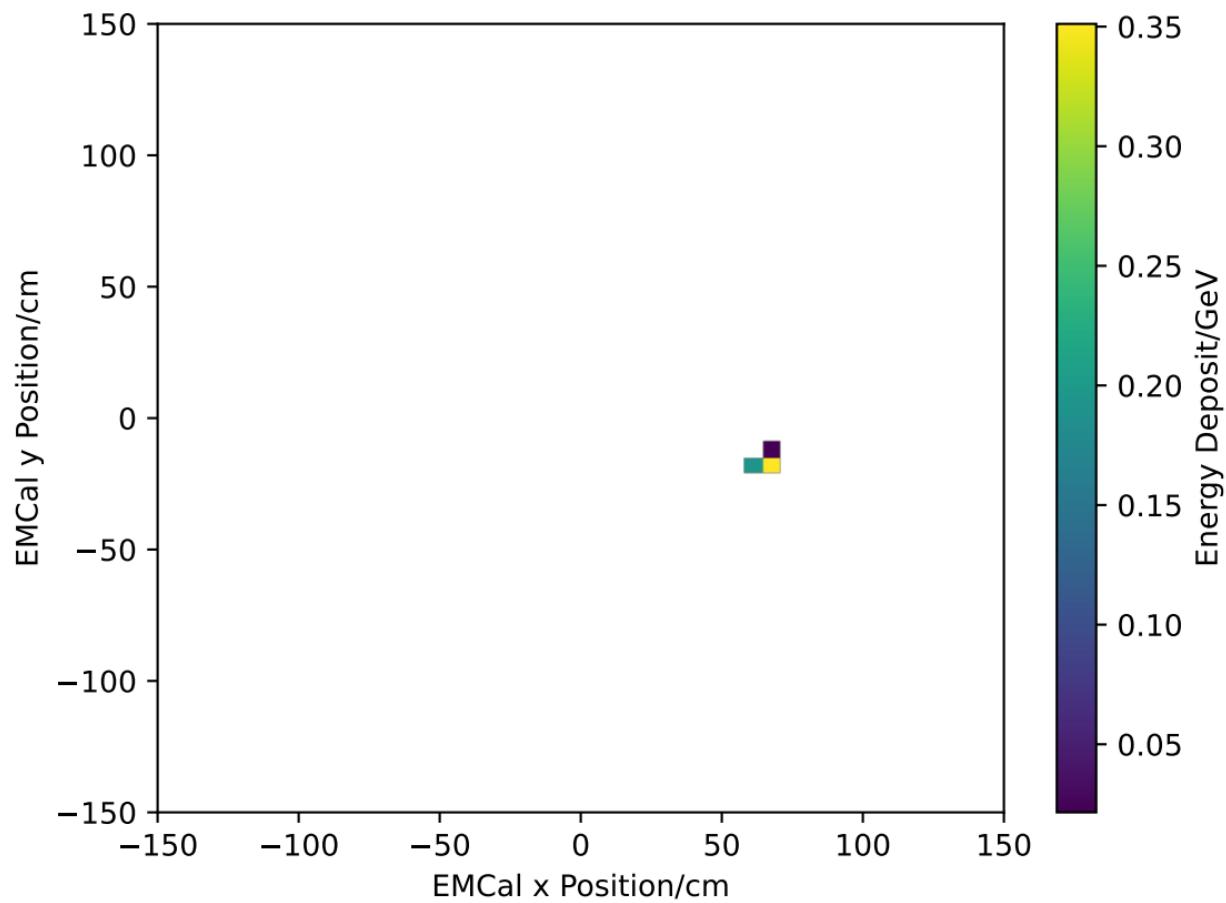
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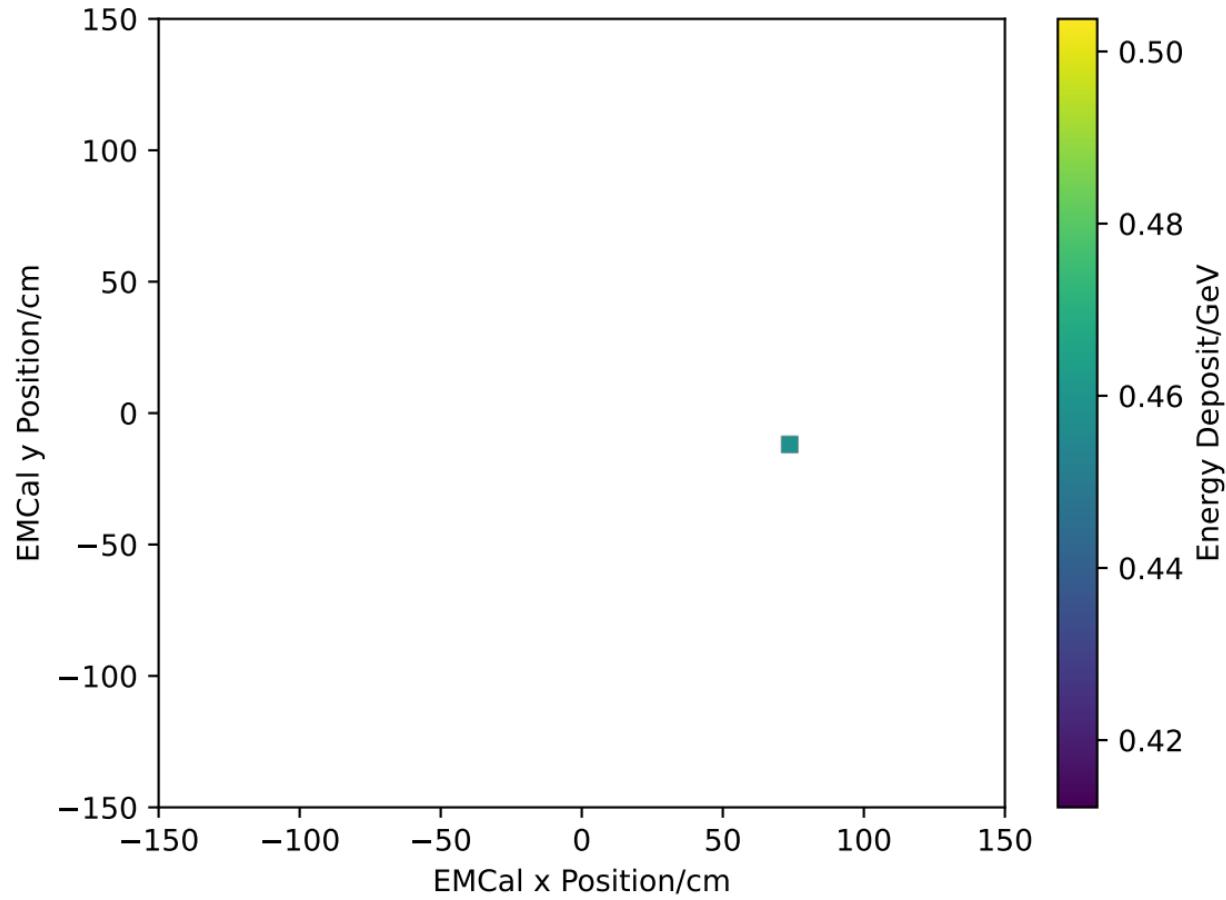
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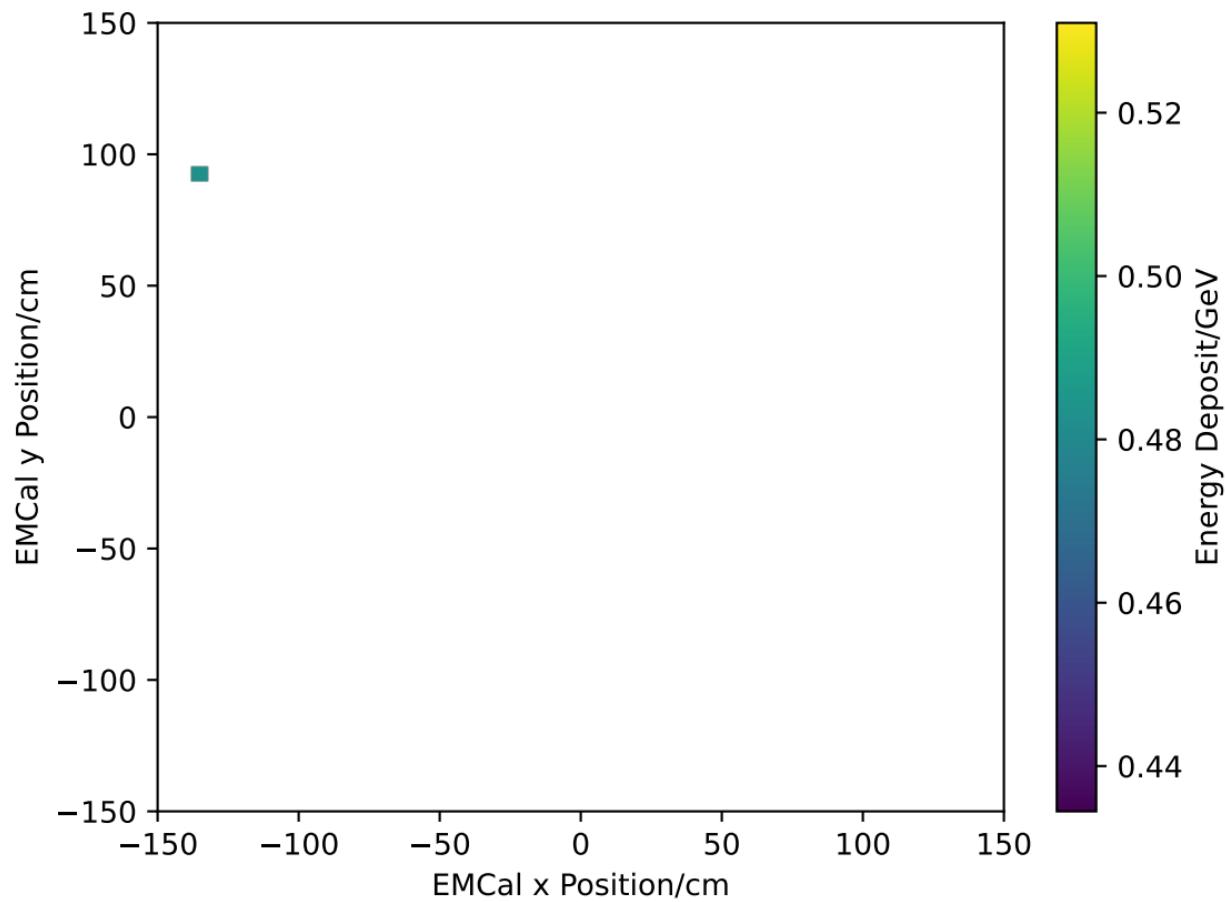




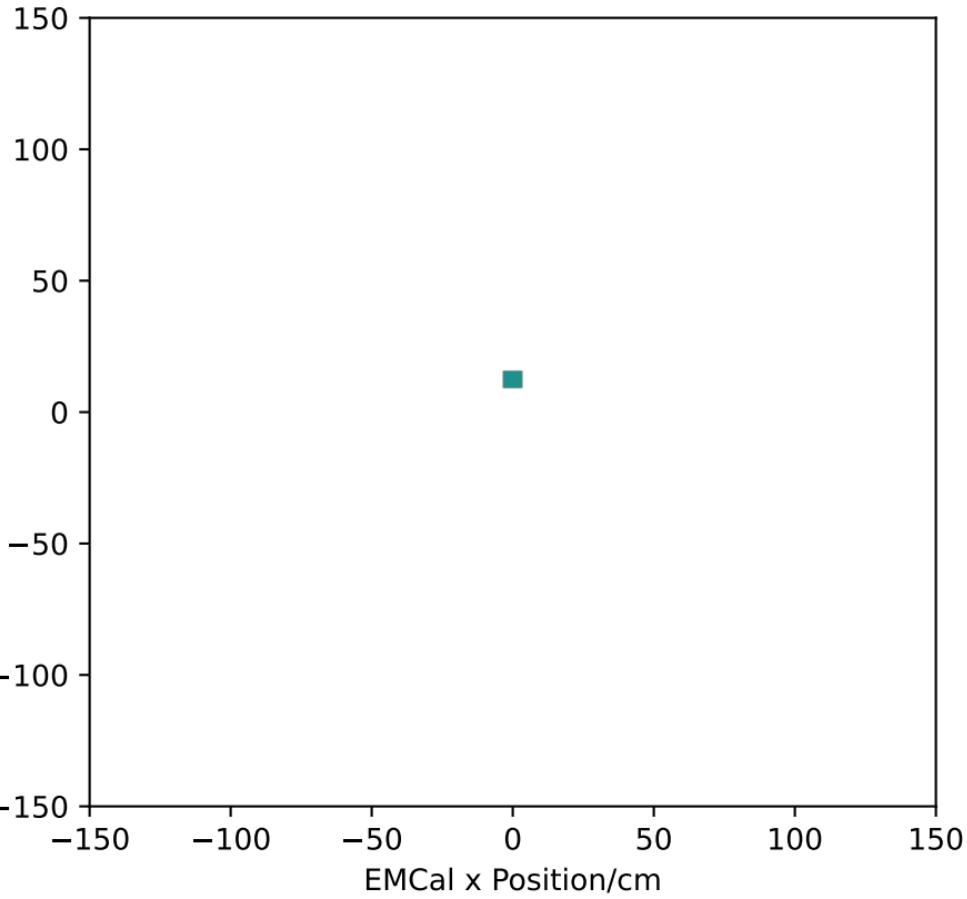




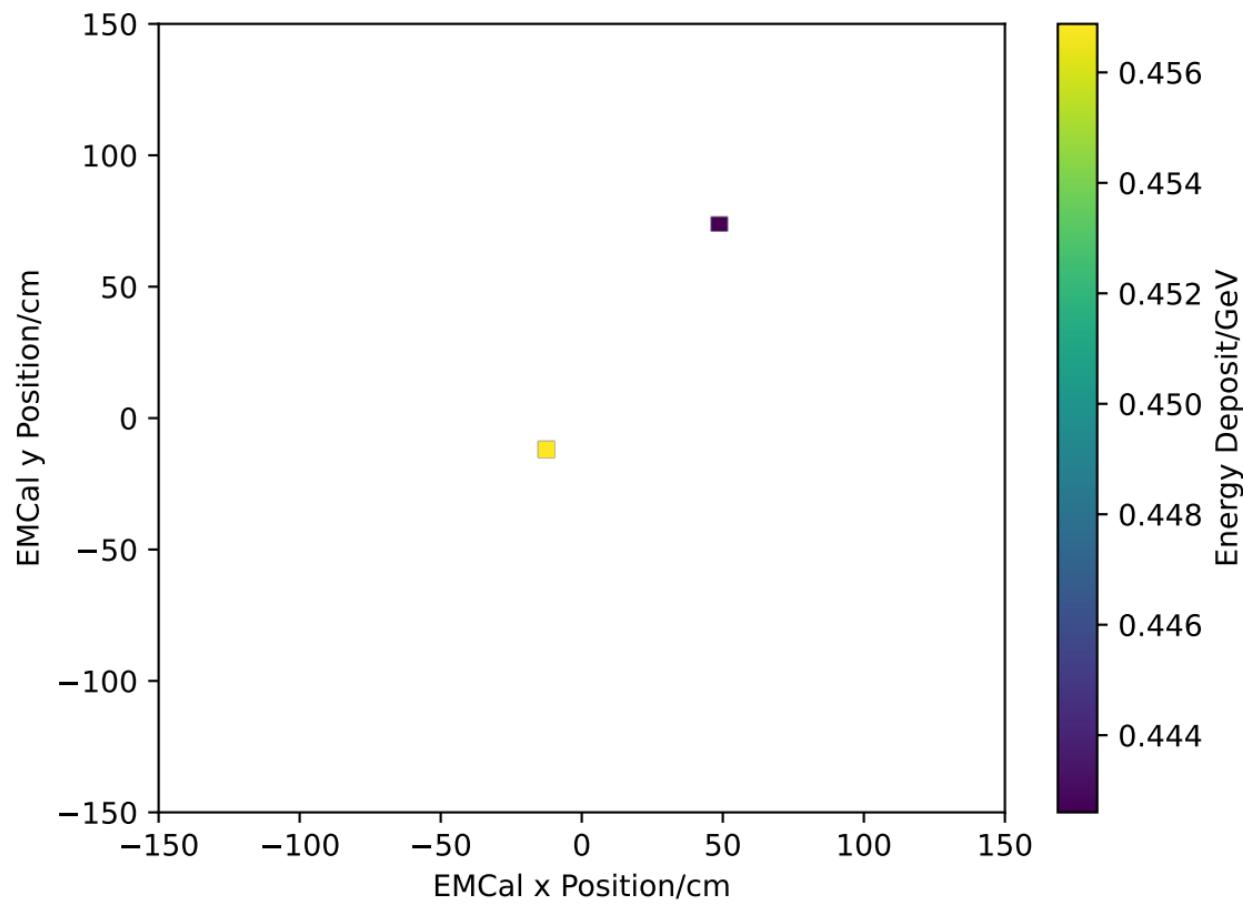


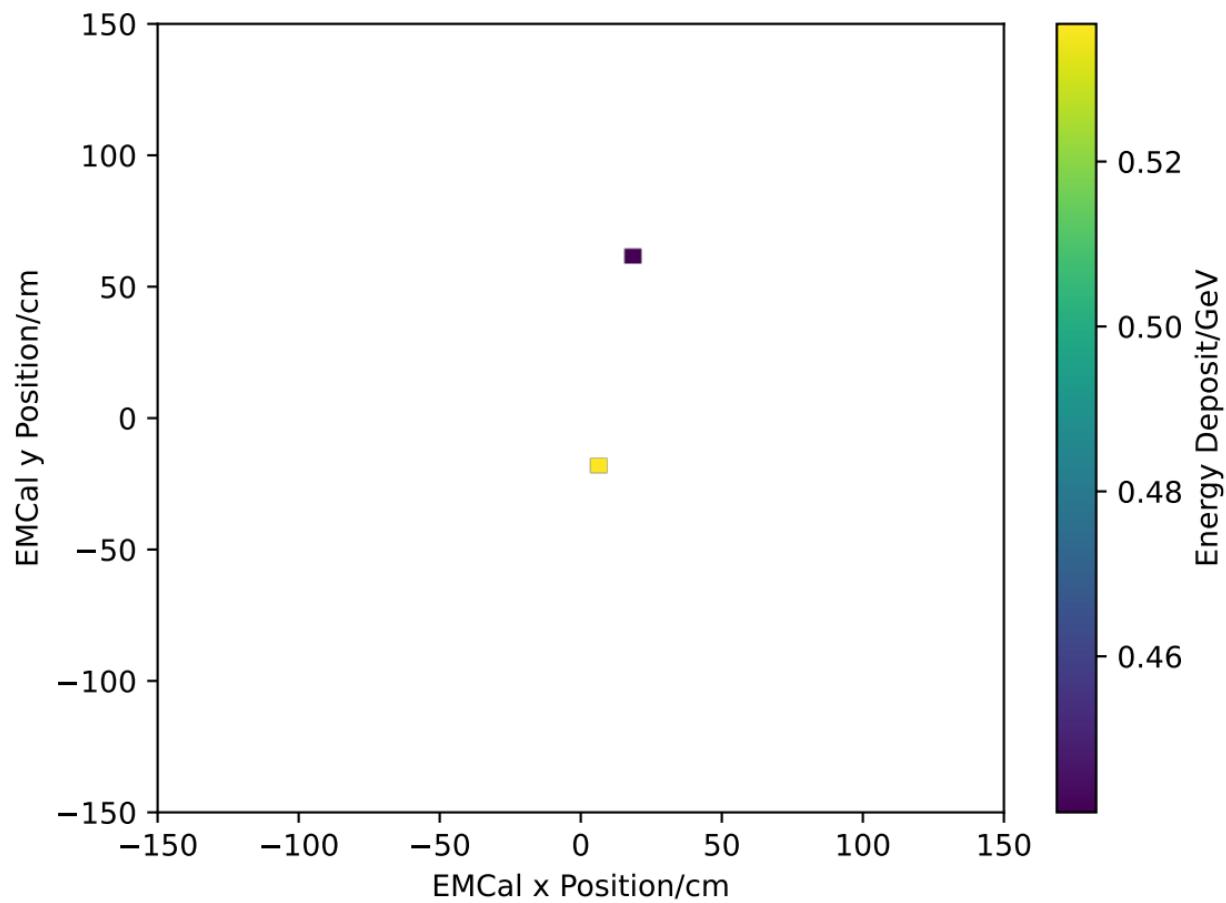


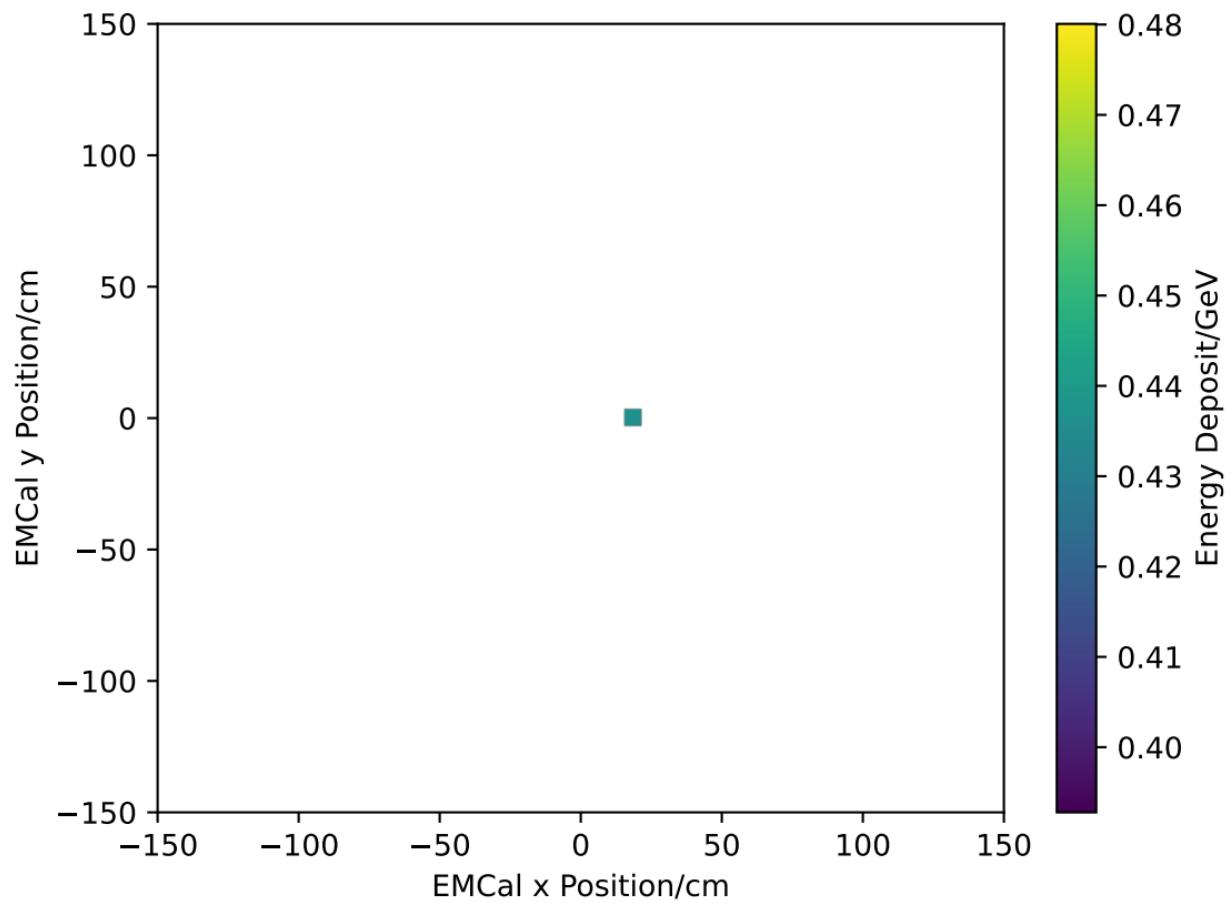
EMCal y Position/cm

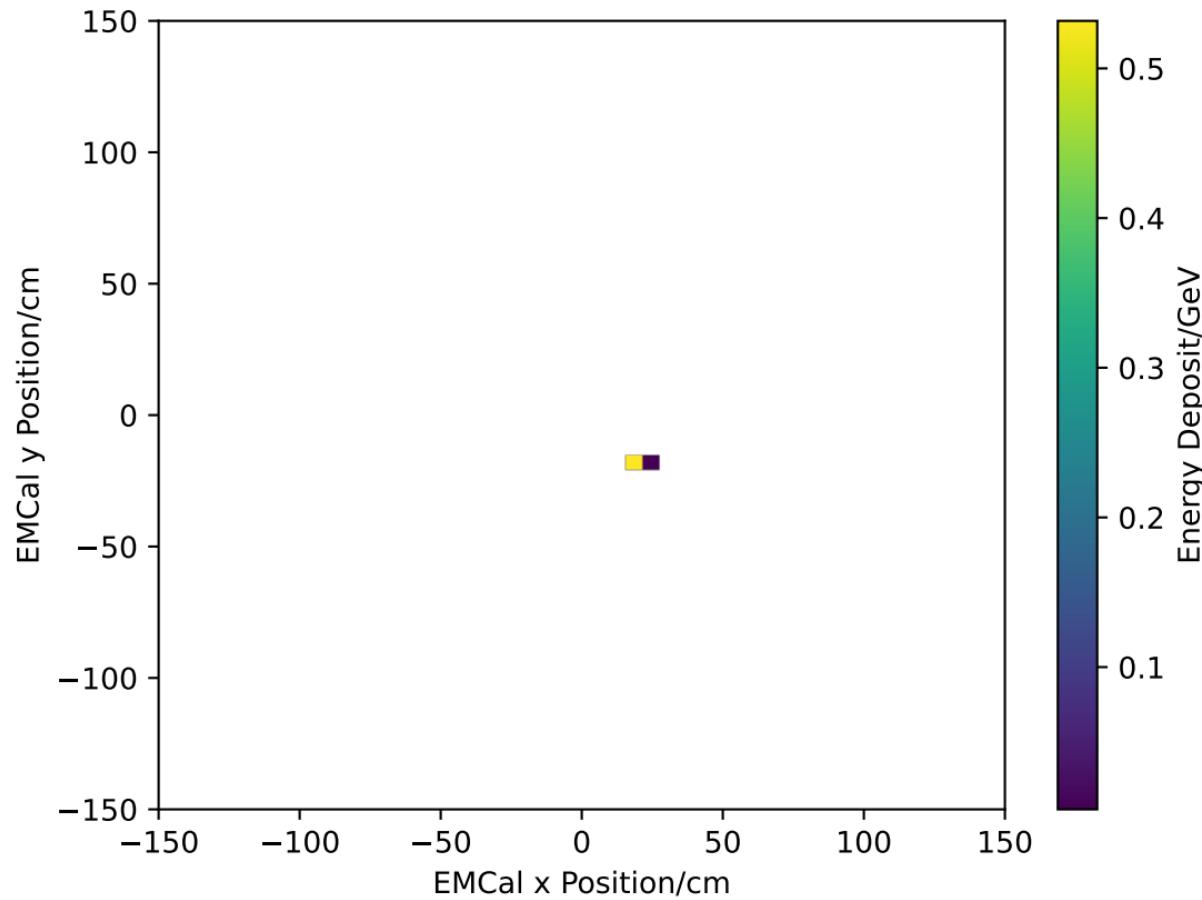


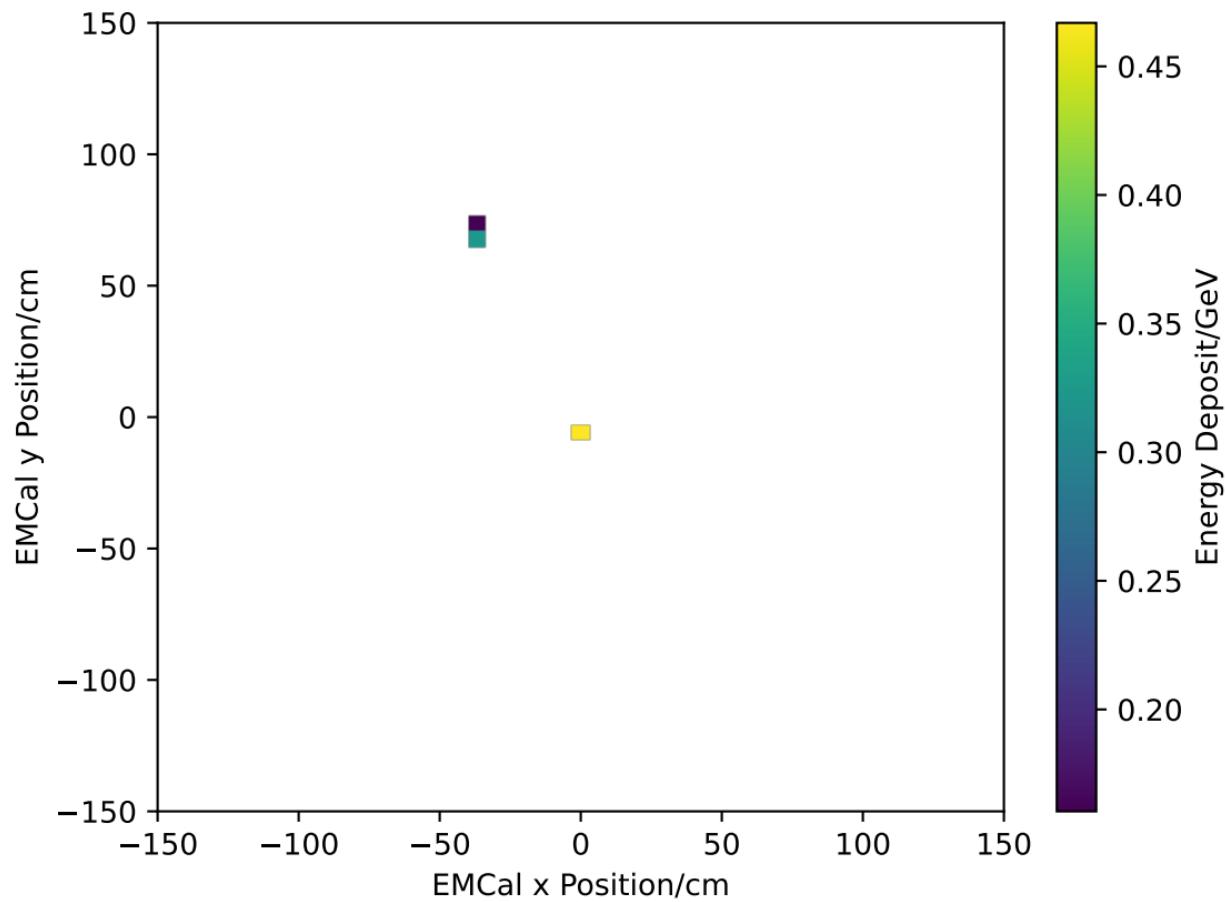
Energy Deposit/GeV

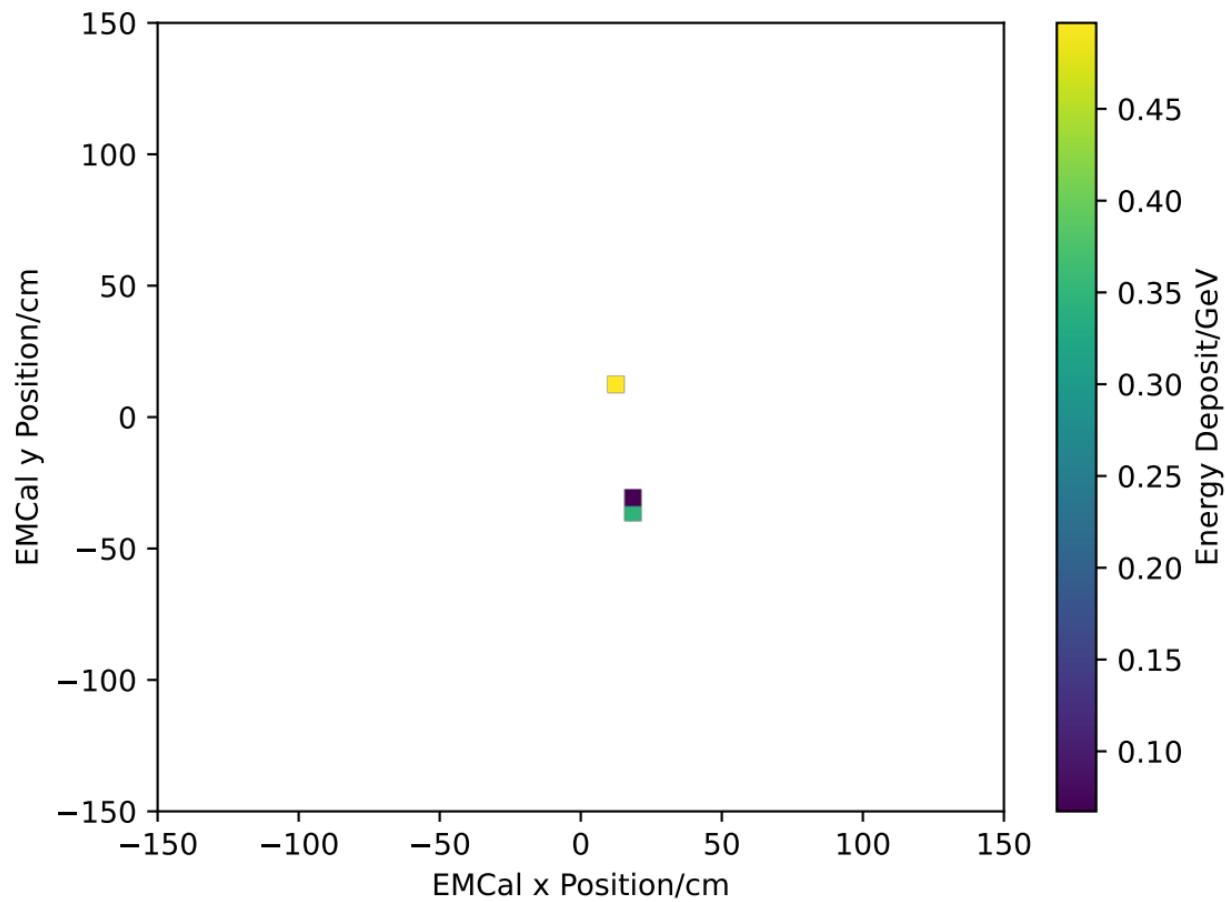


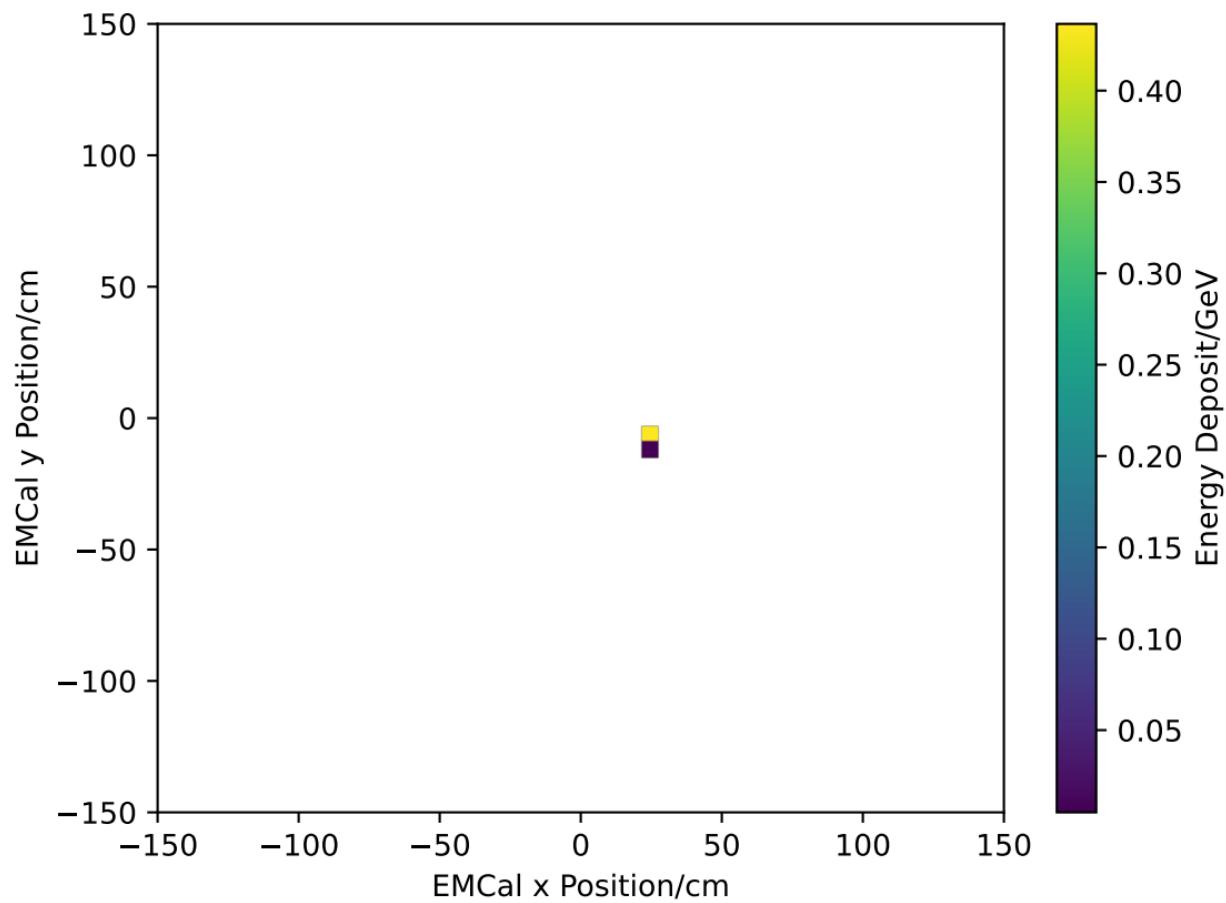


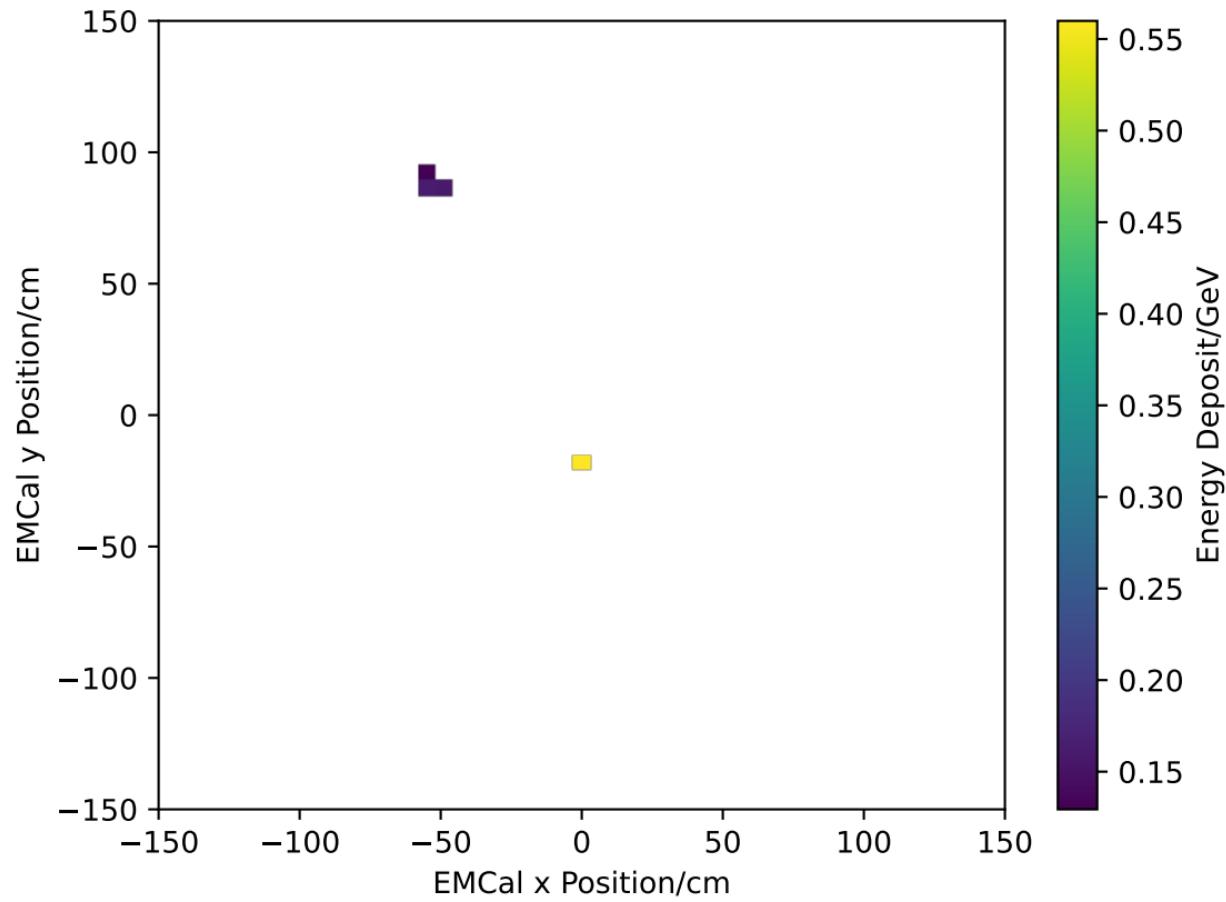


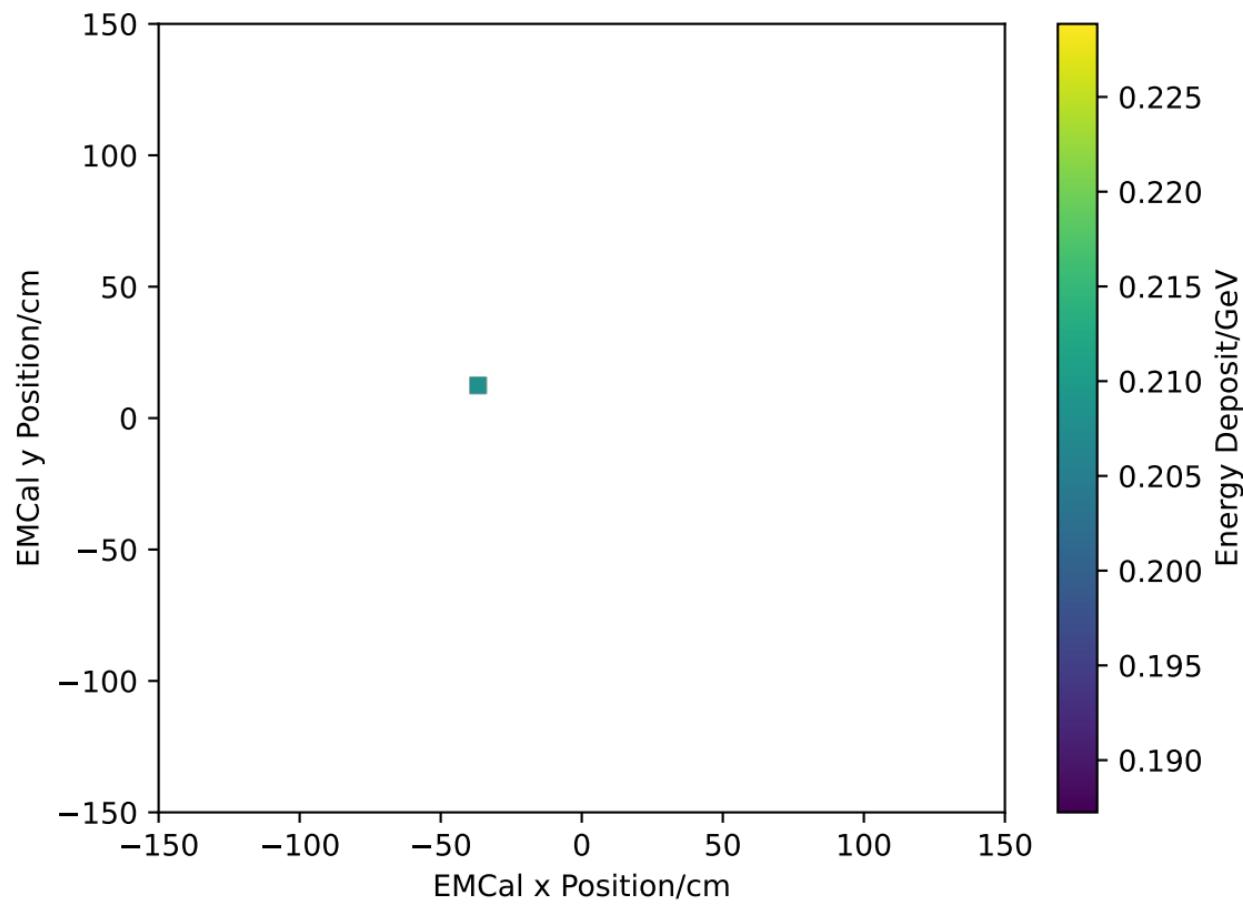


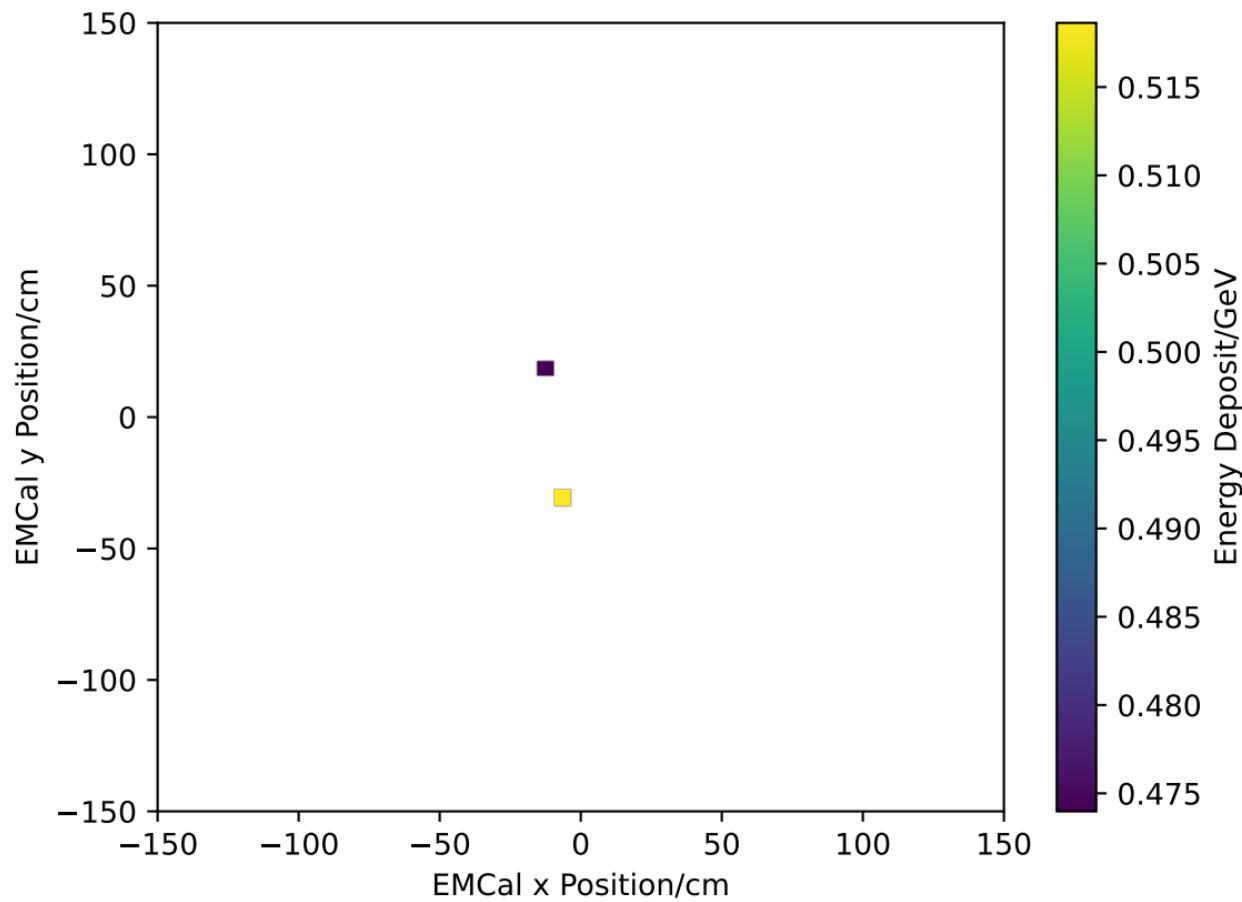


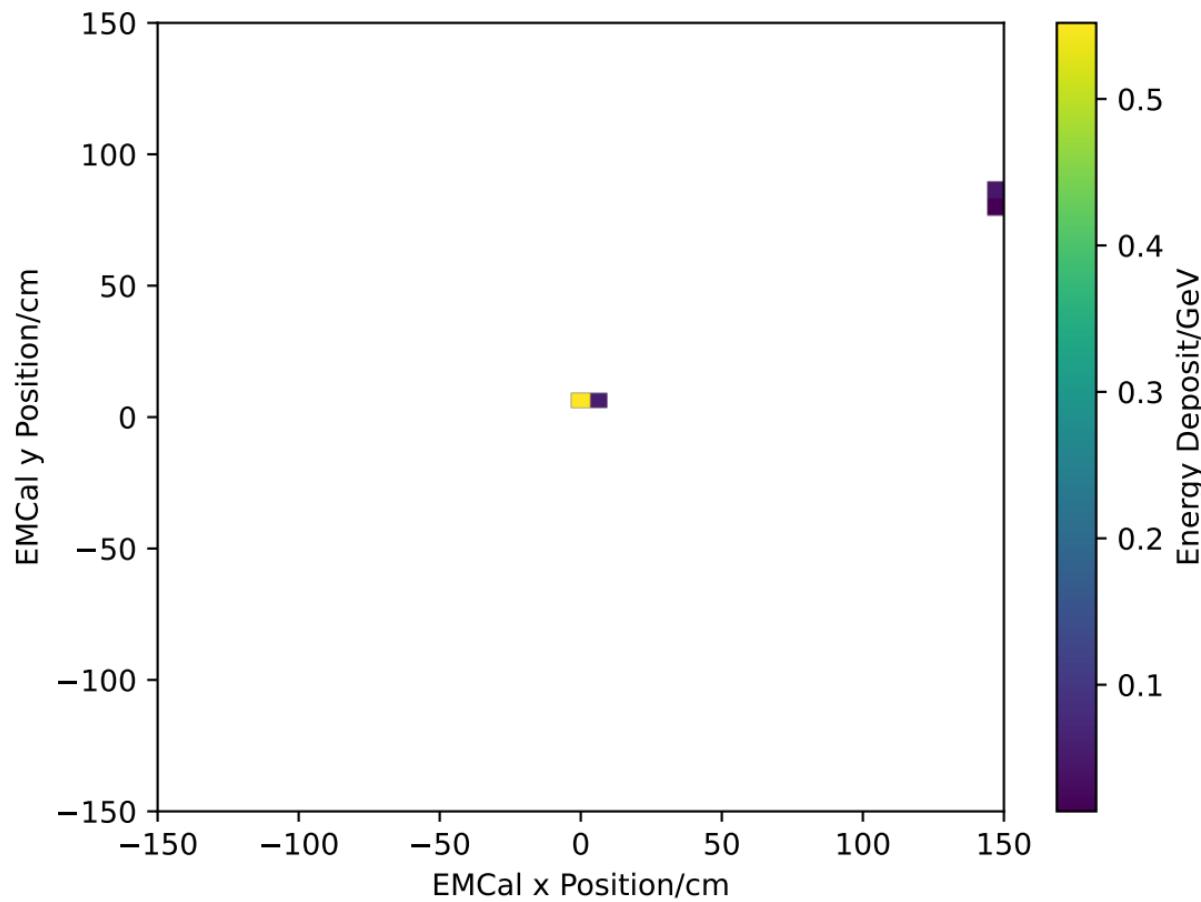


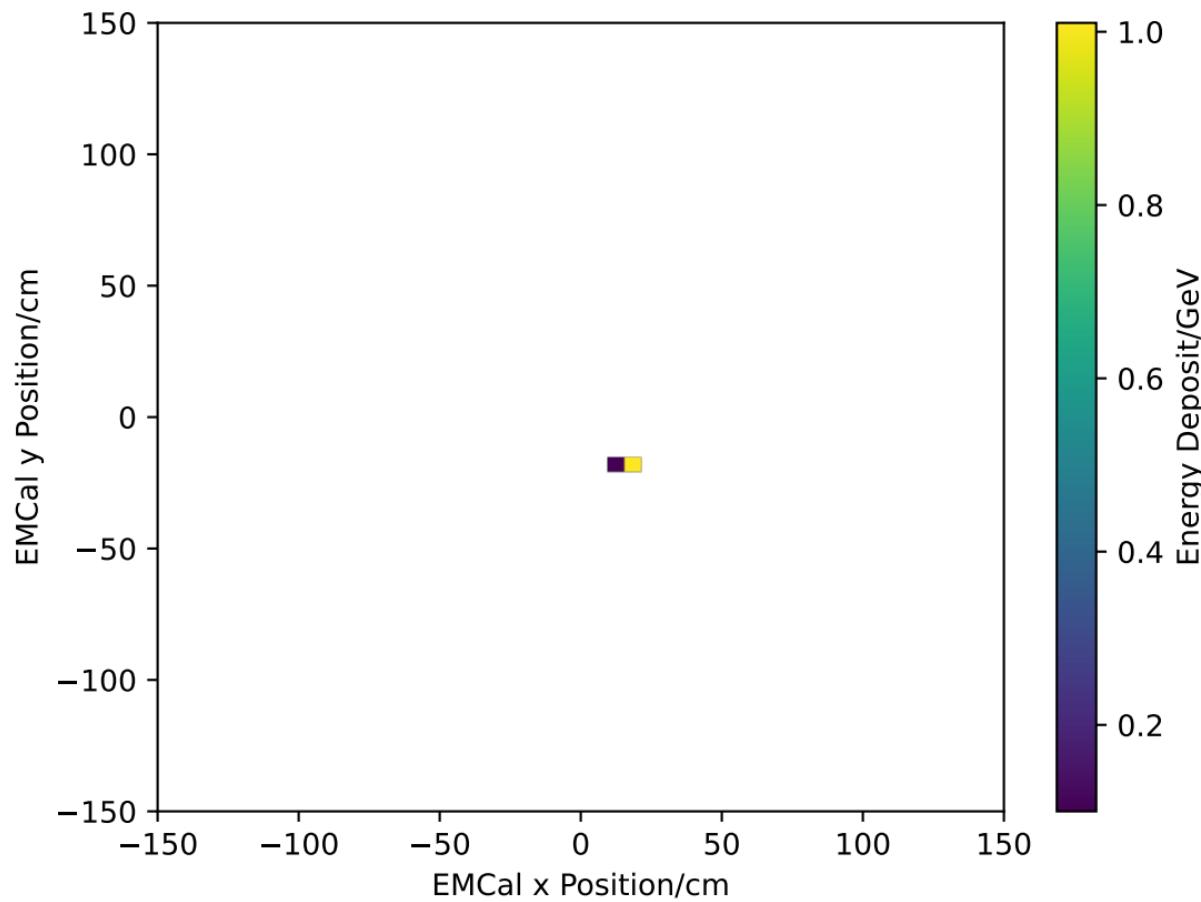


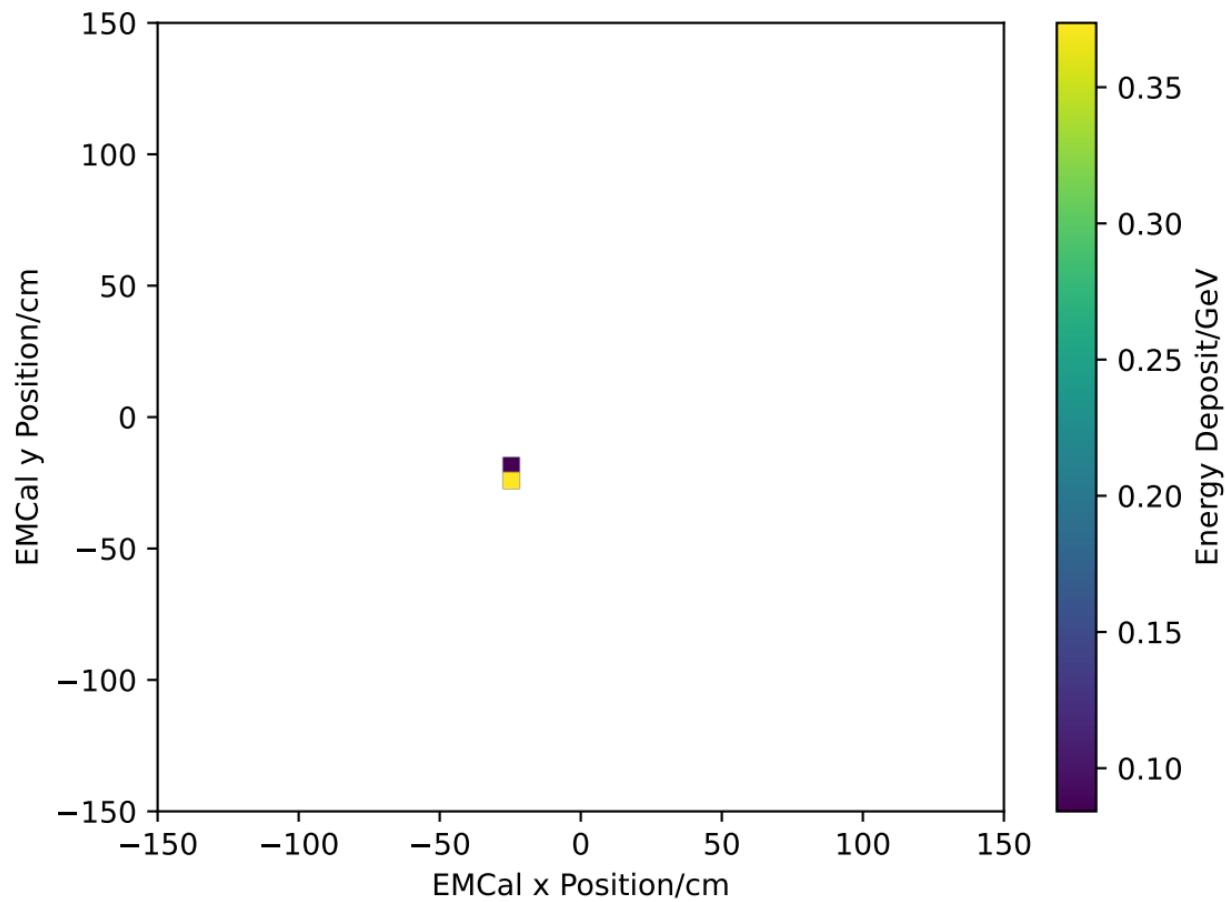


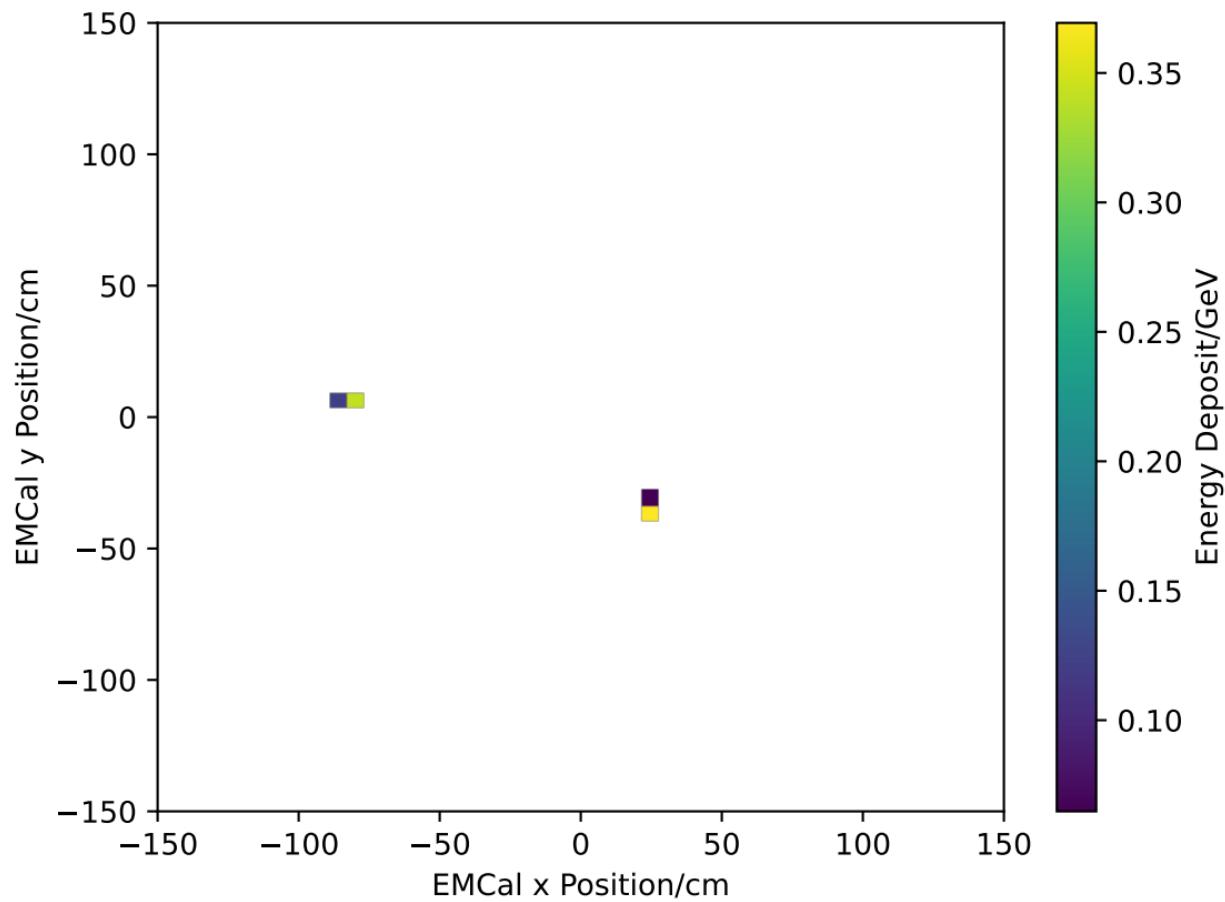


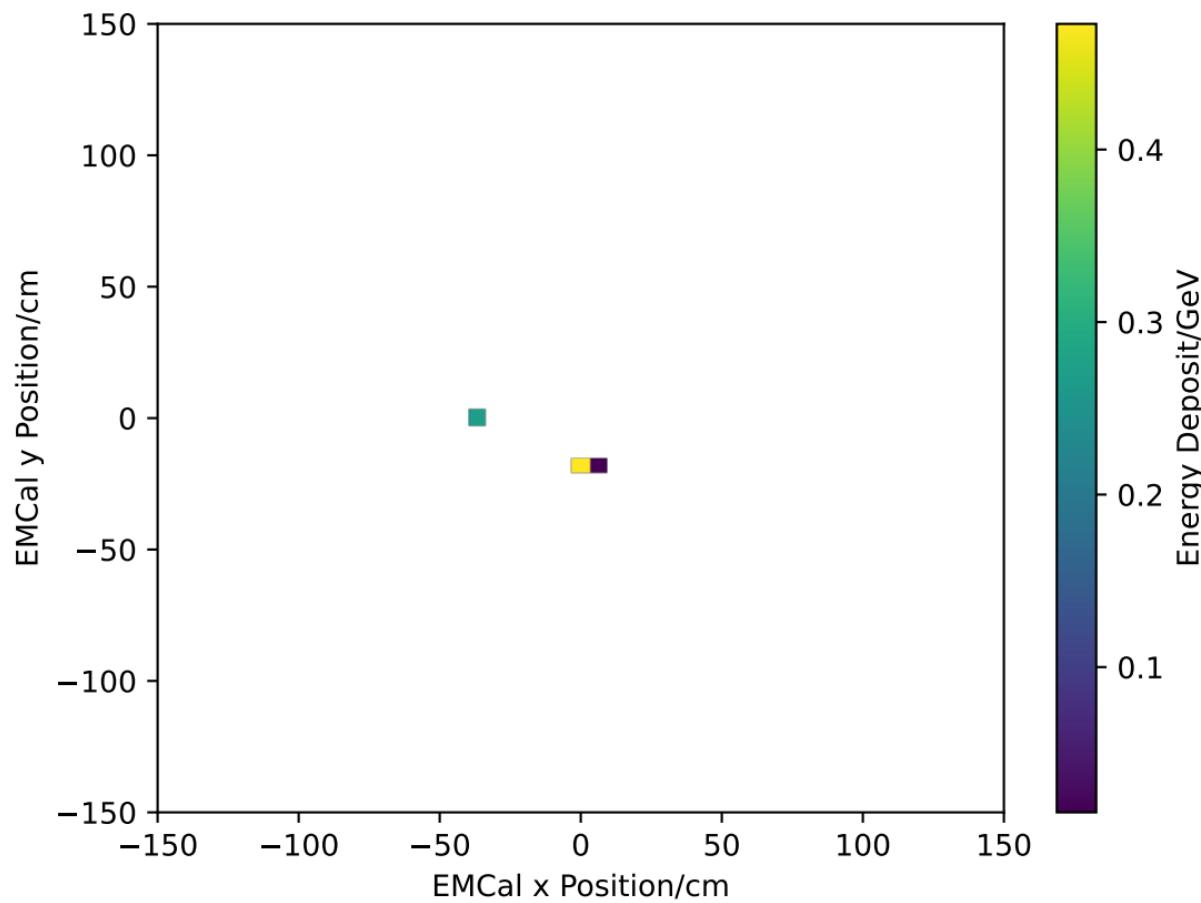


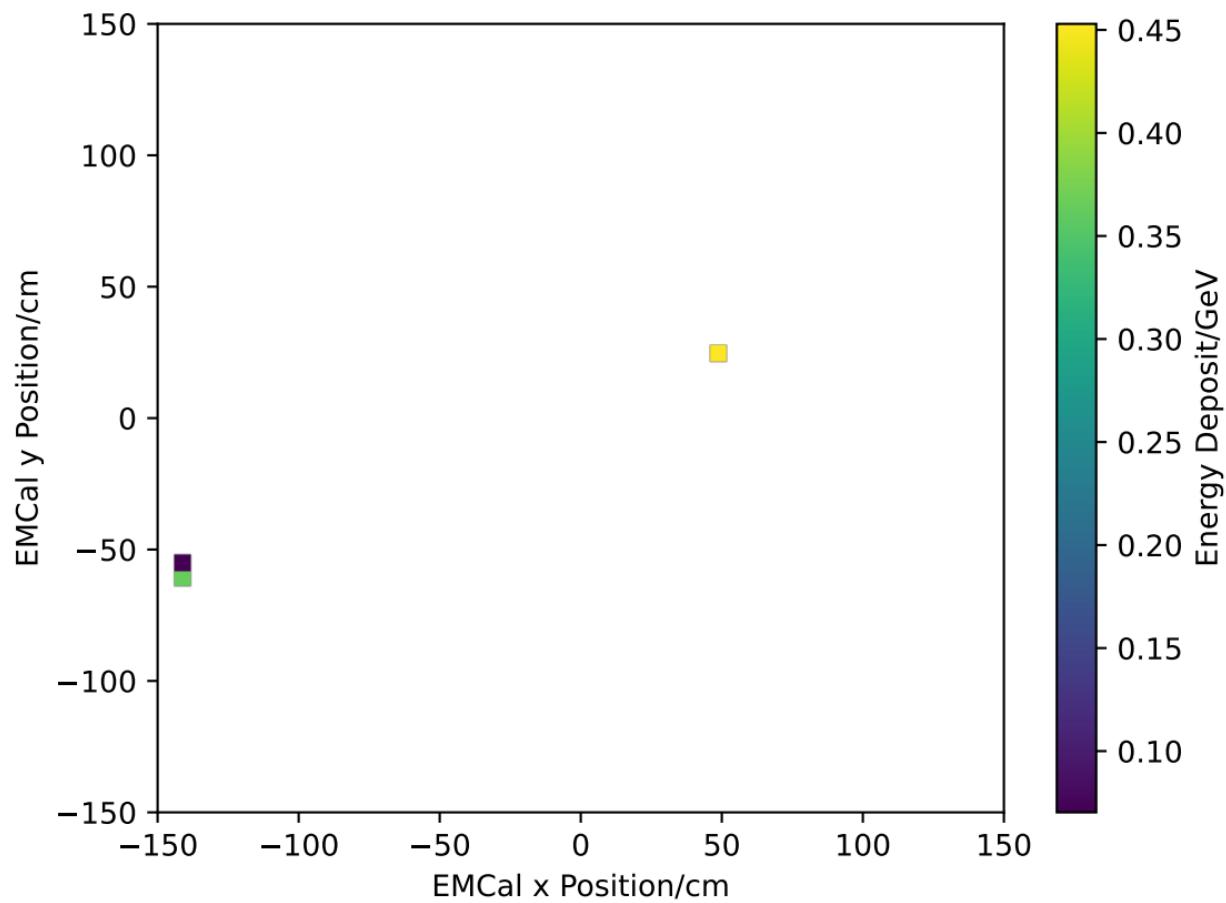


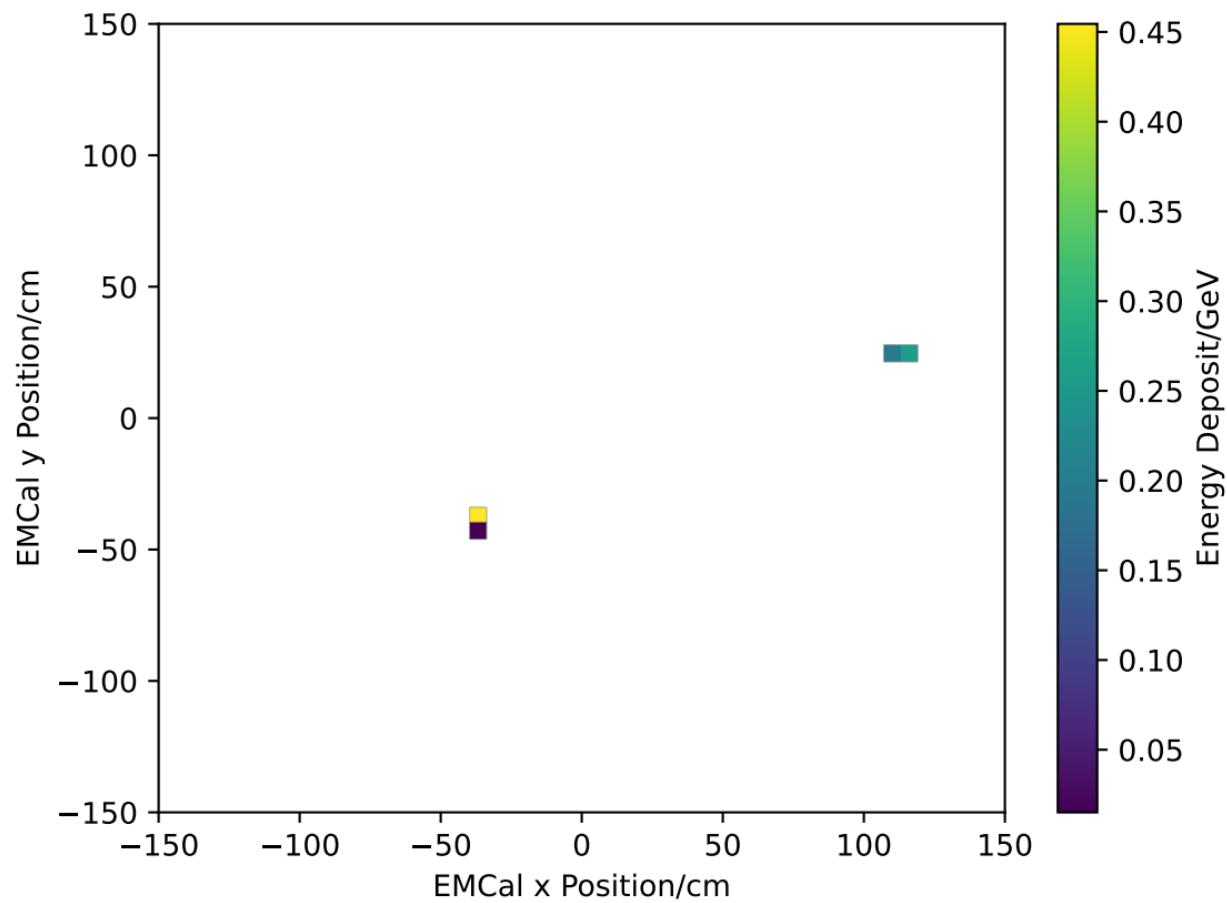


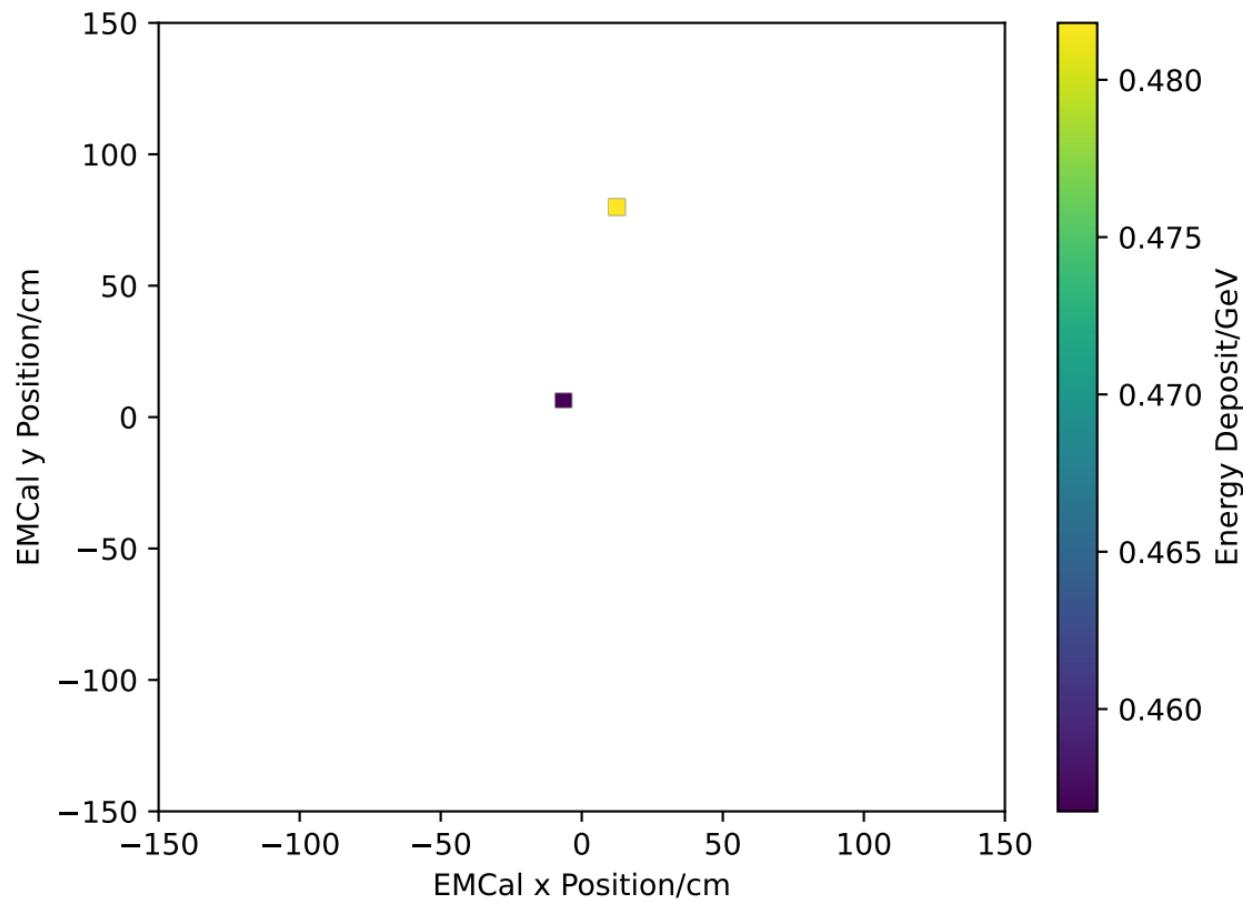


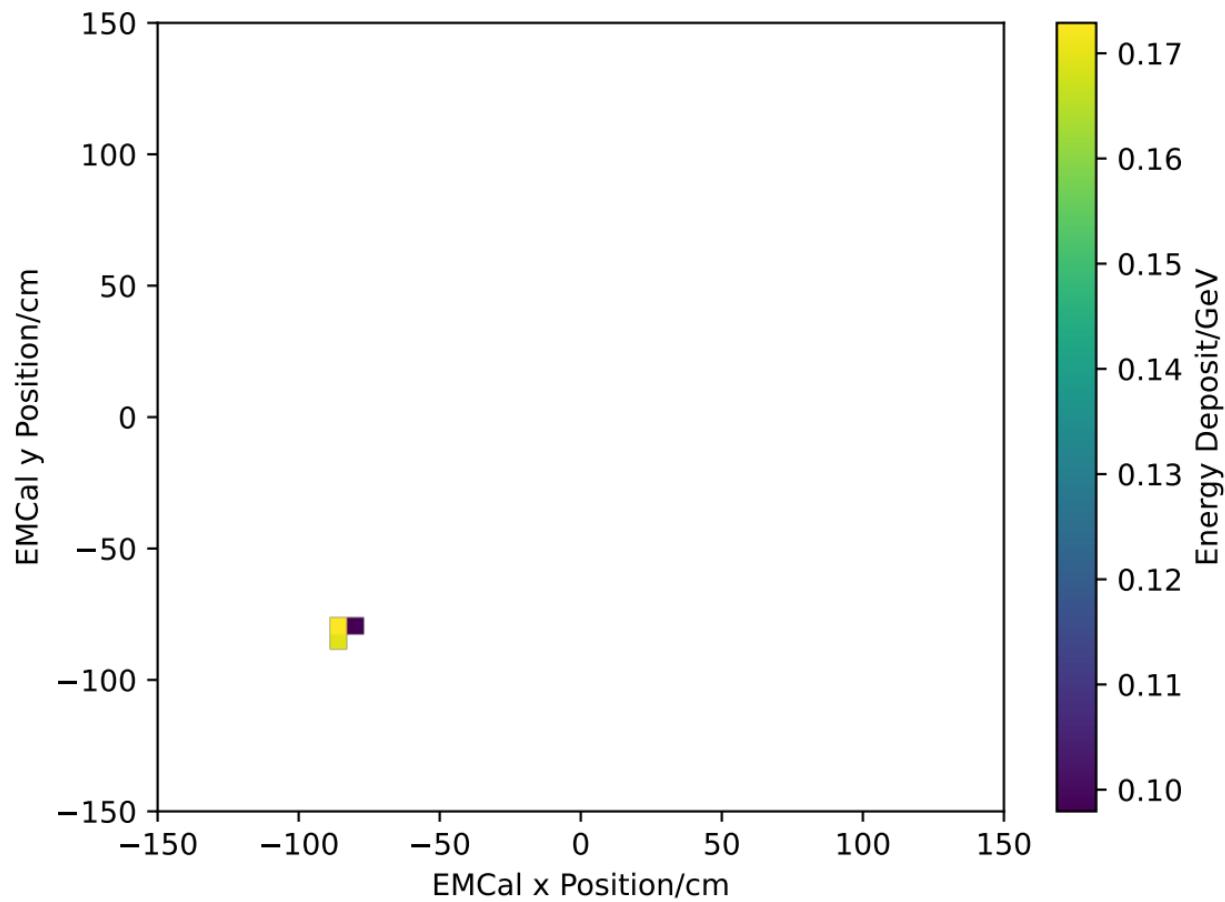


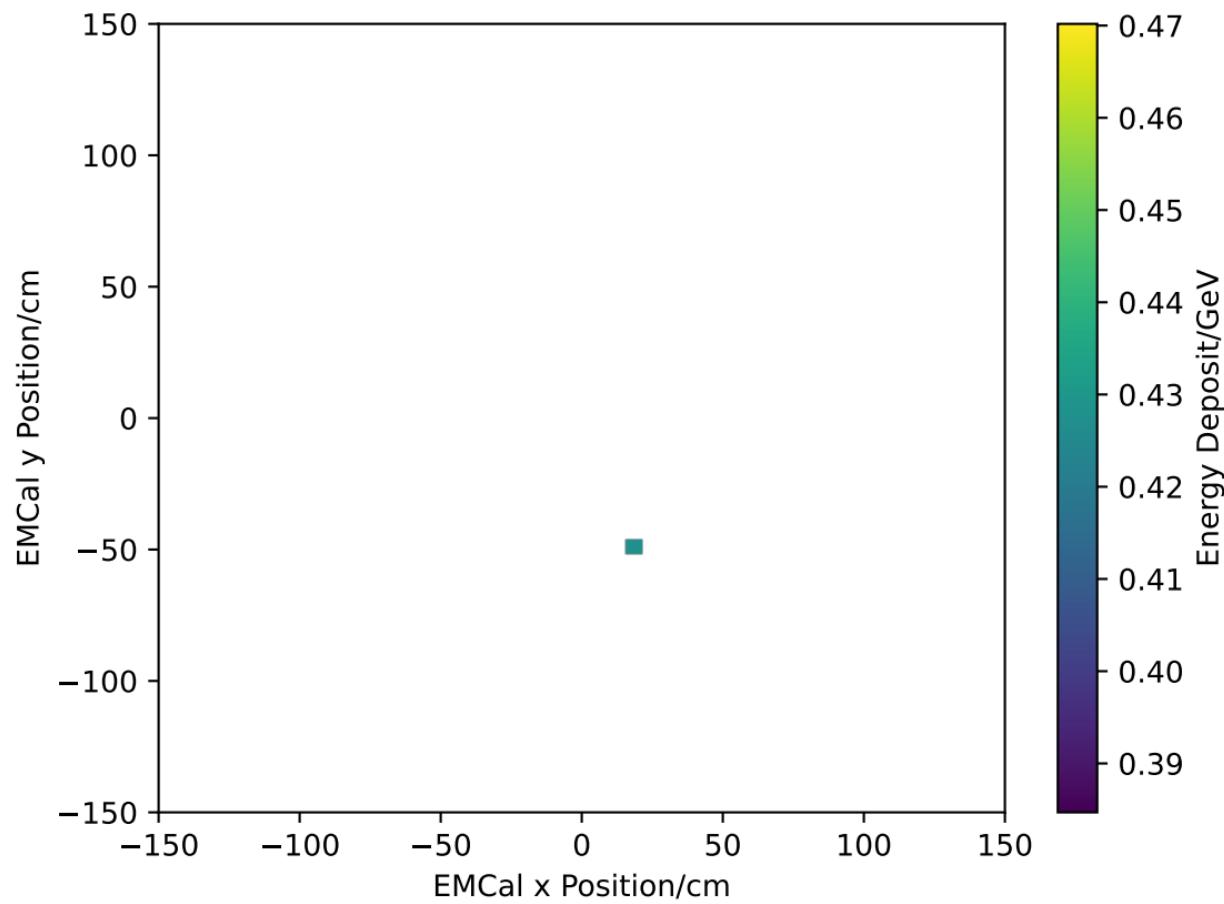


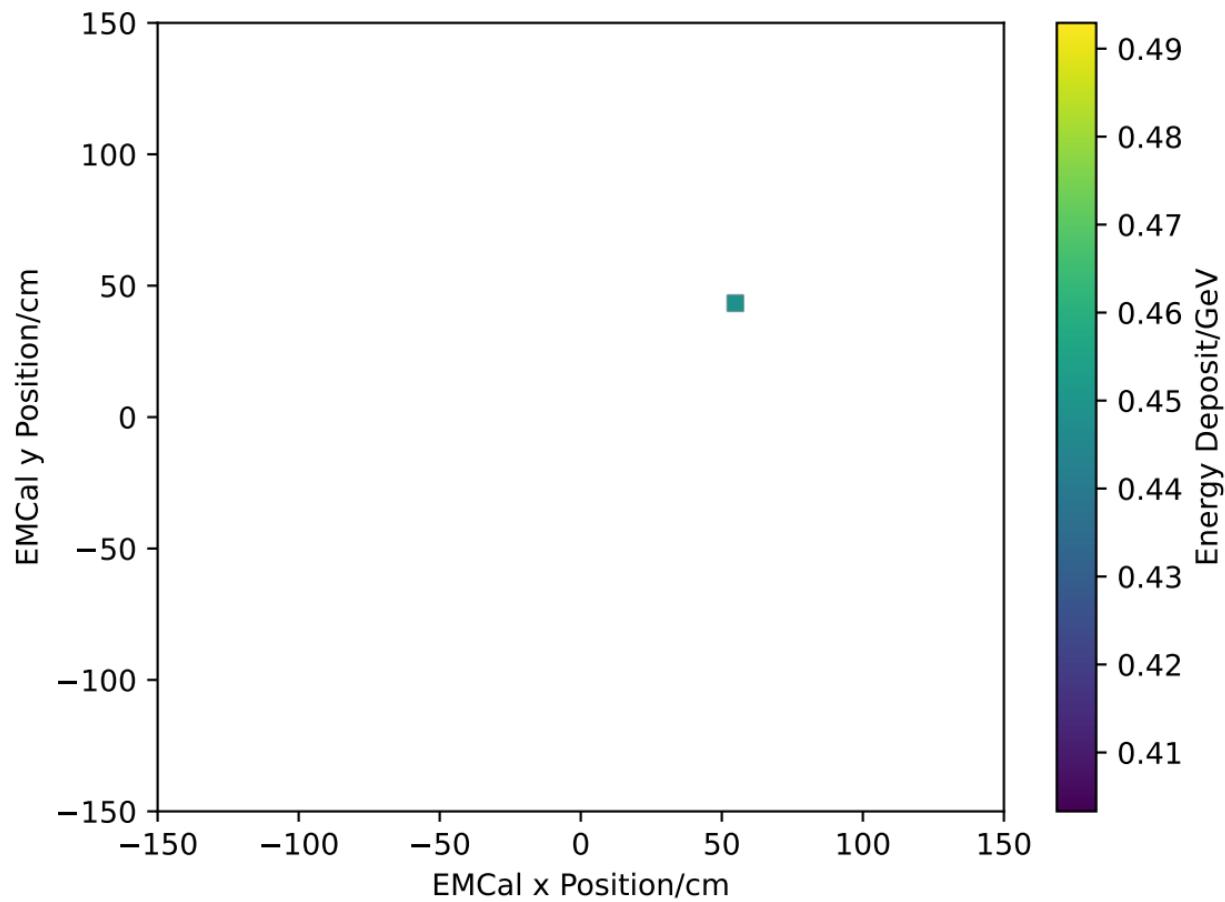


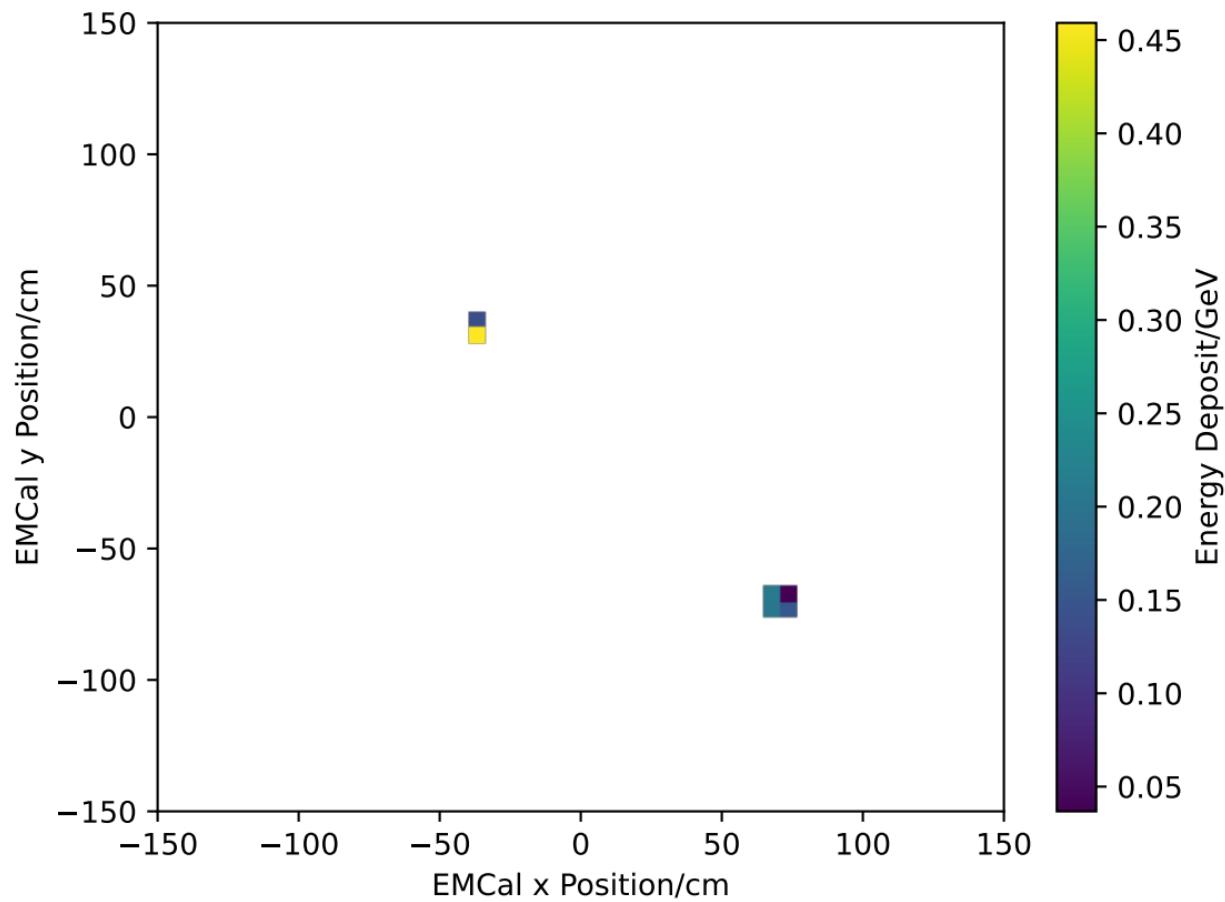


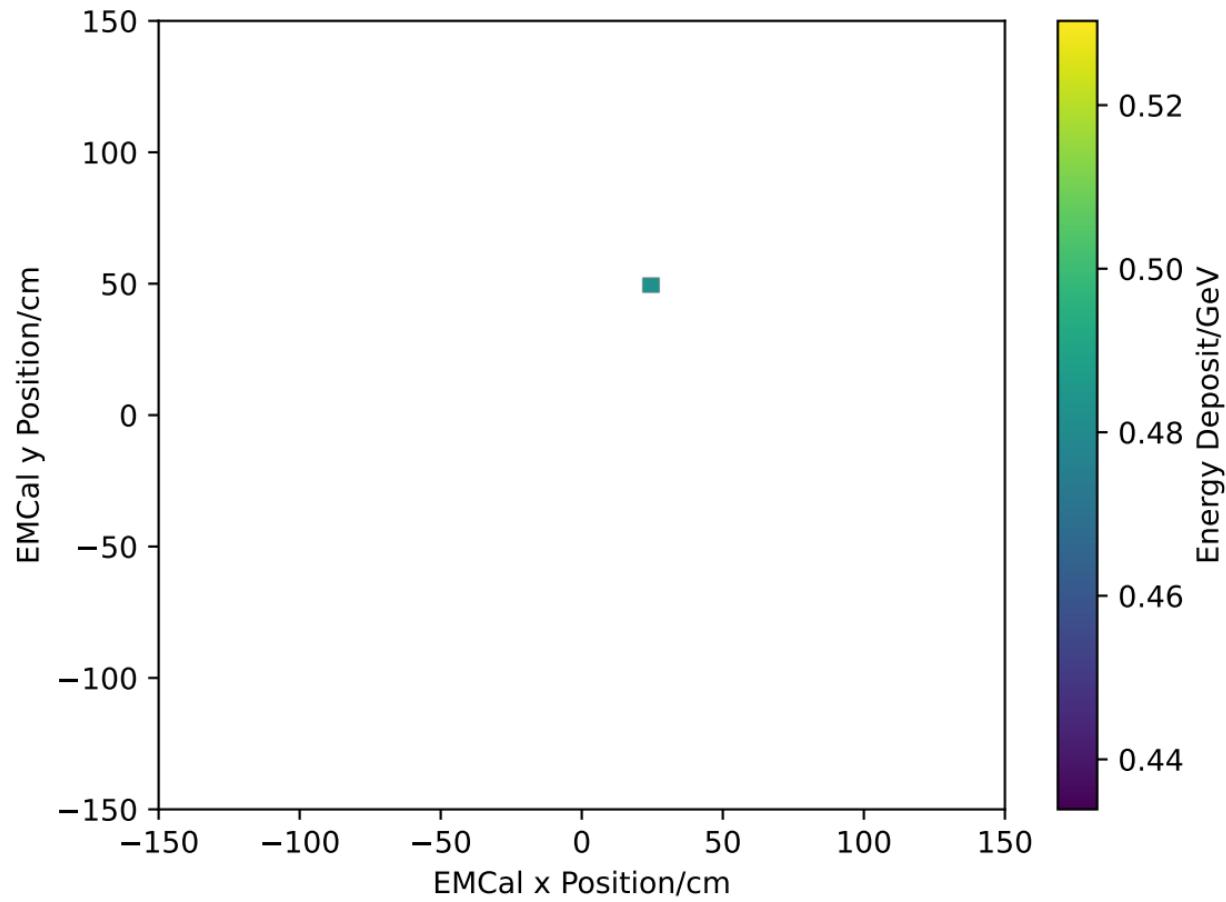


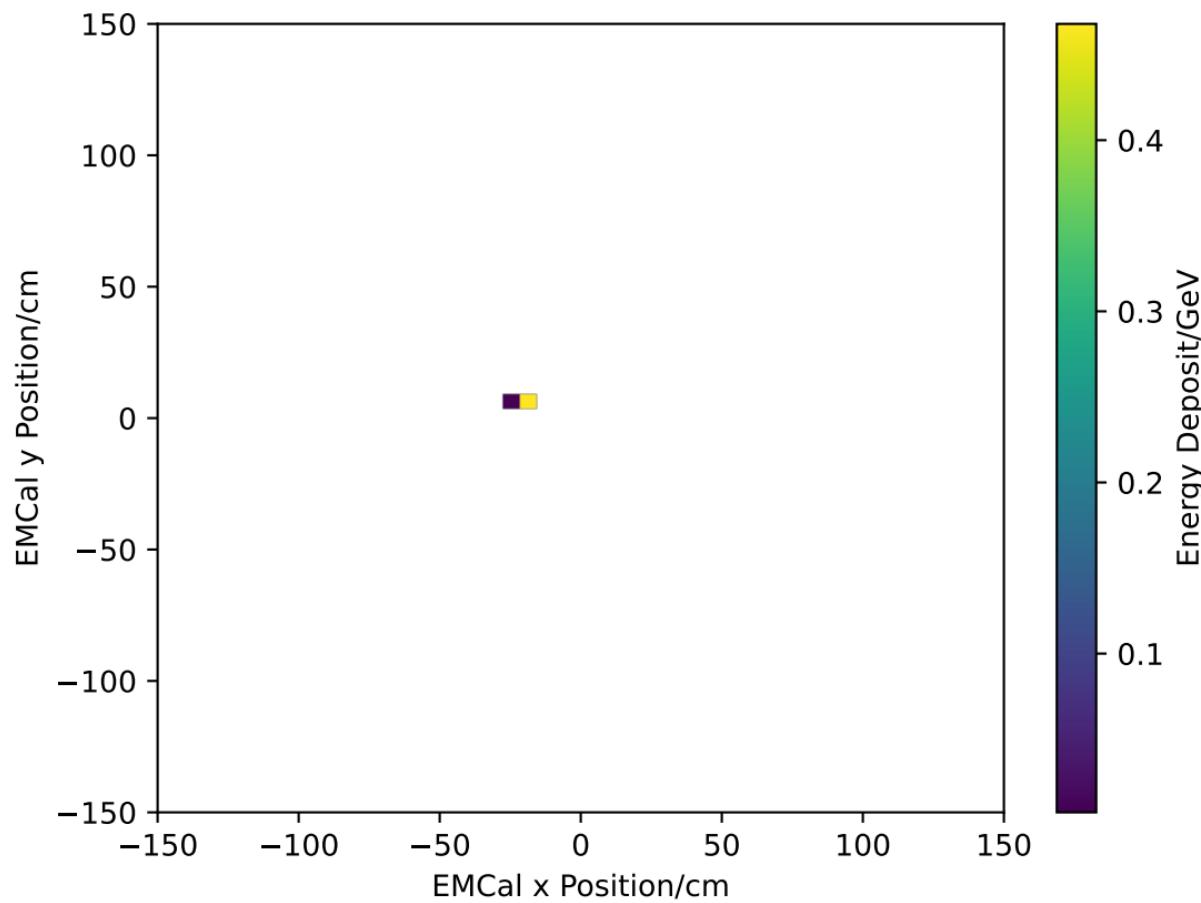


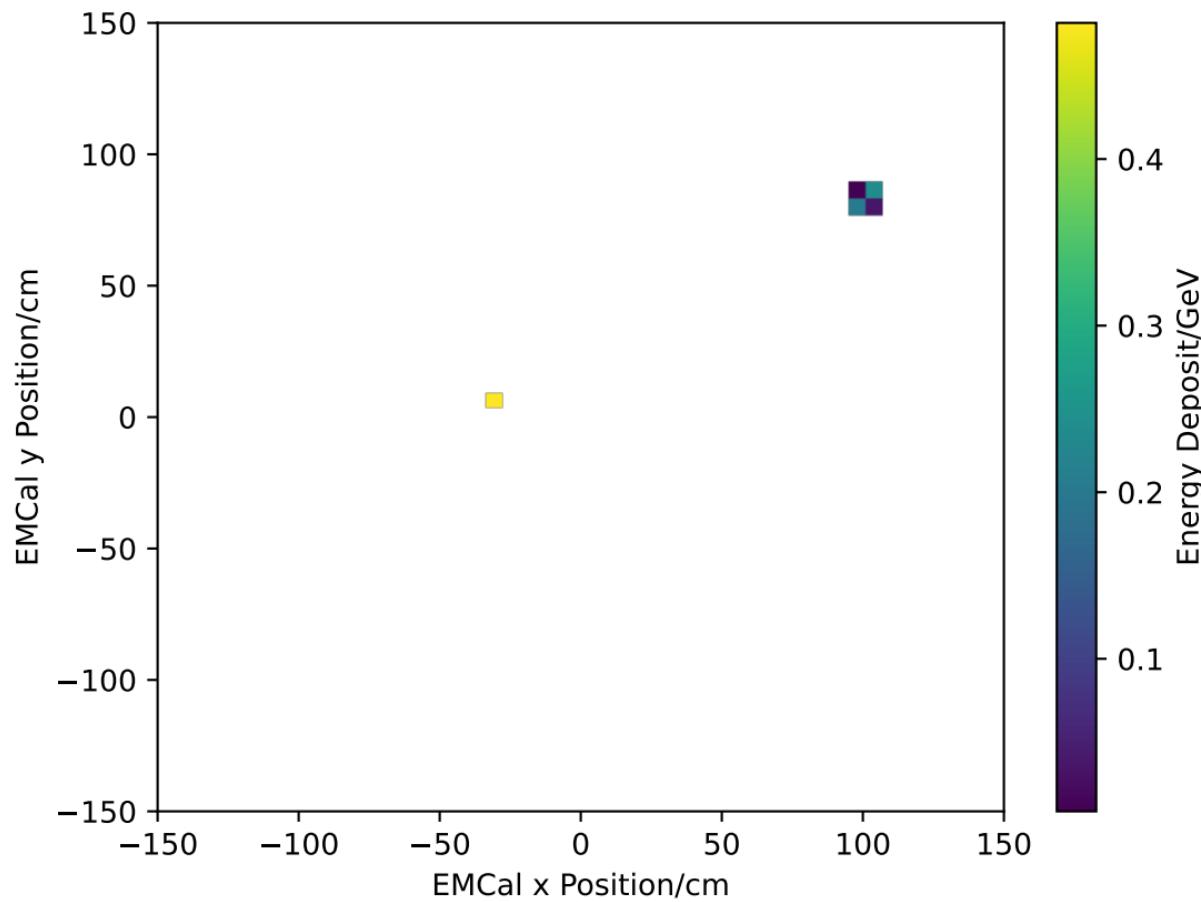


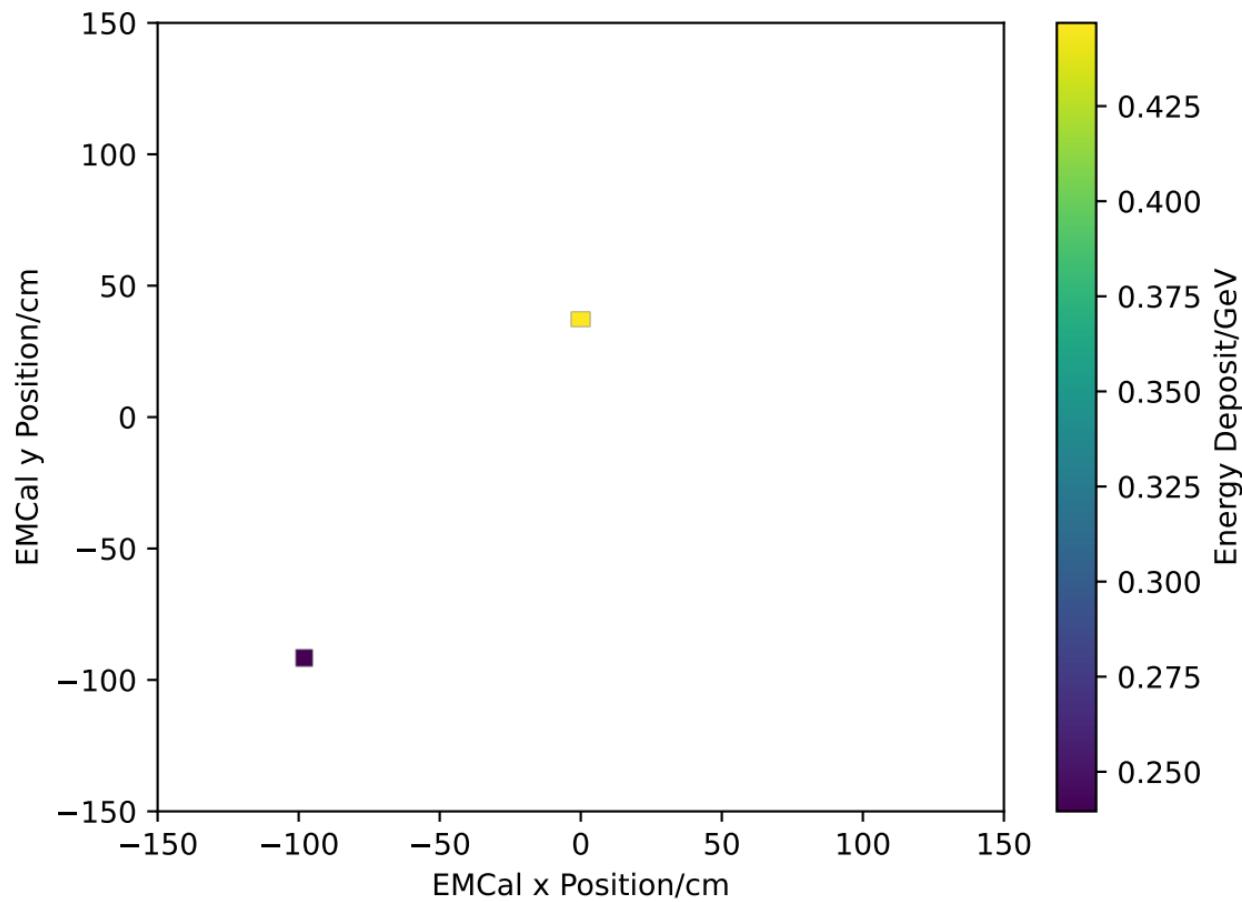


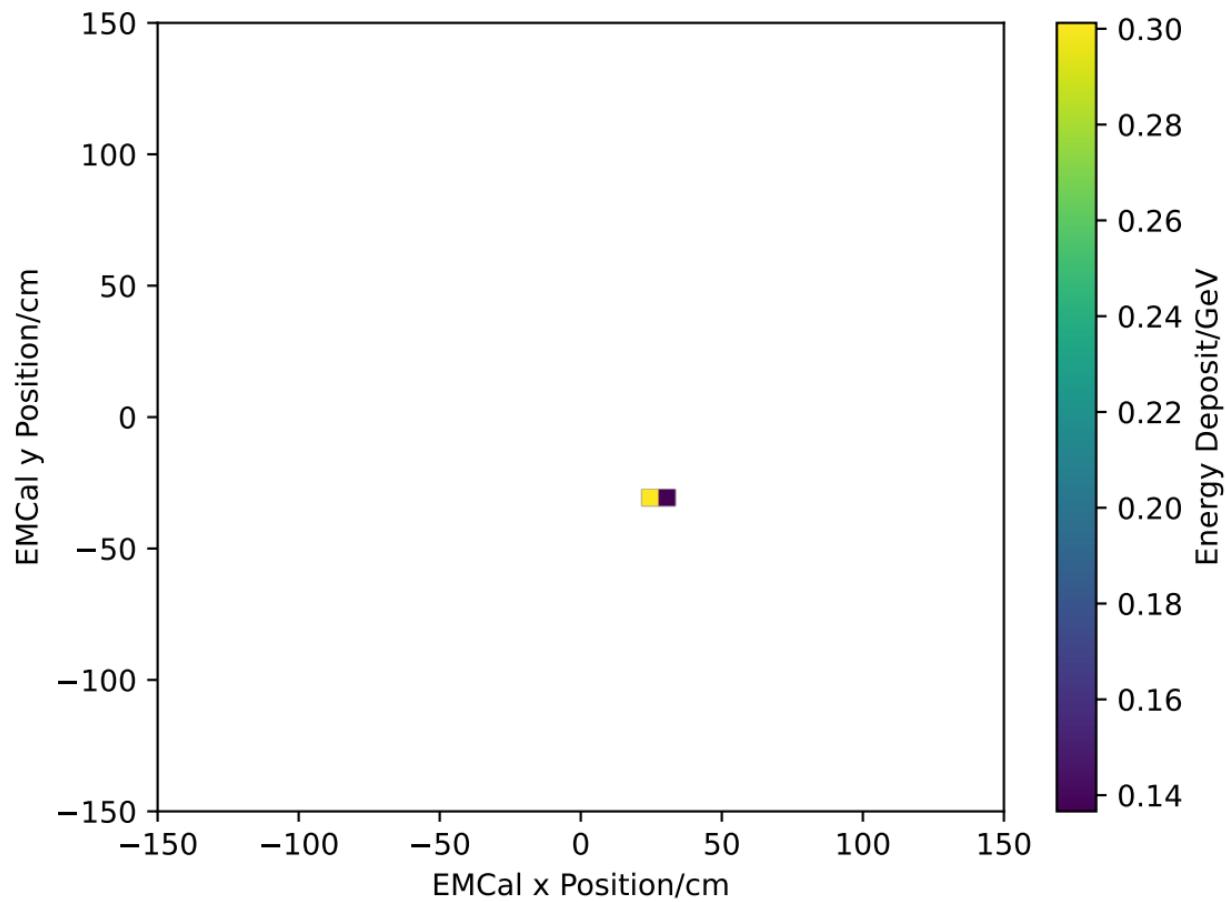




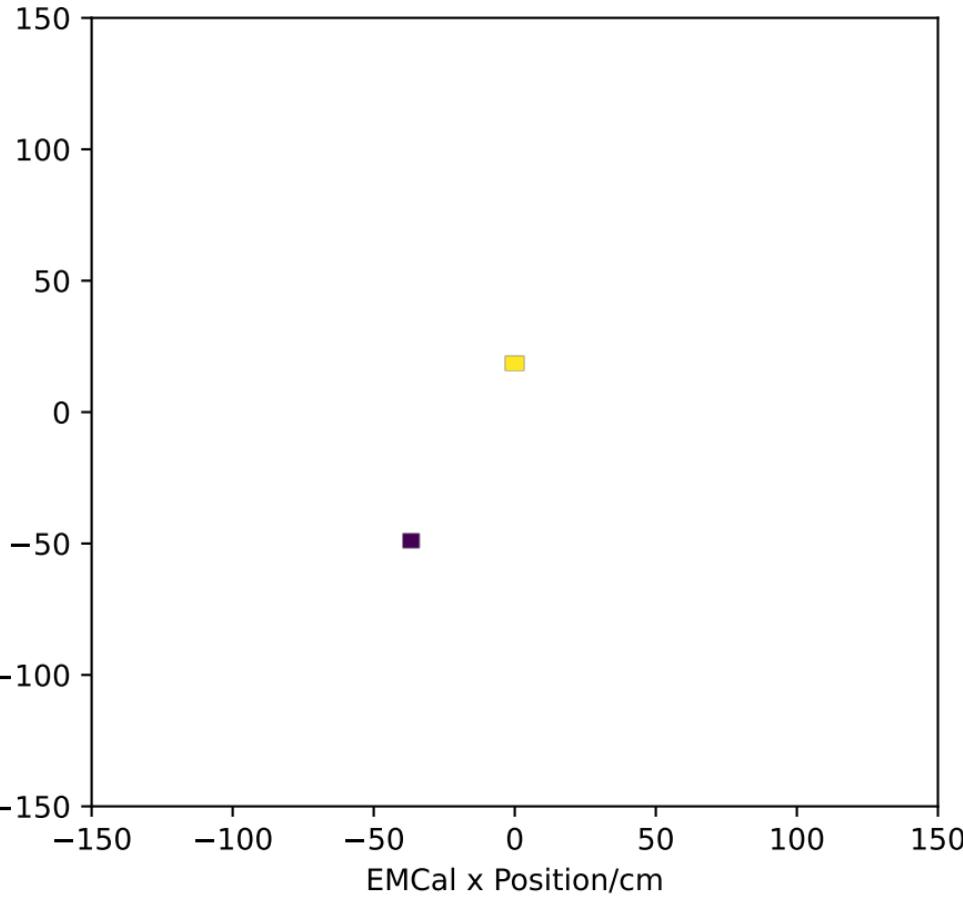




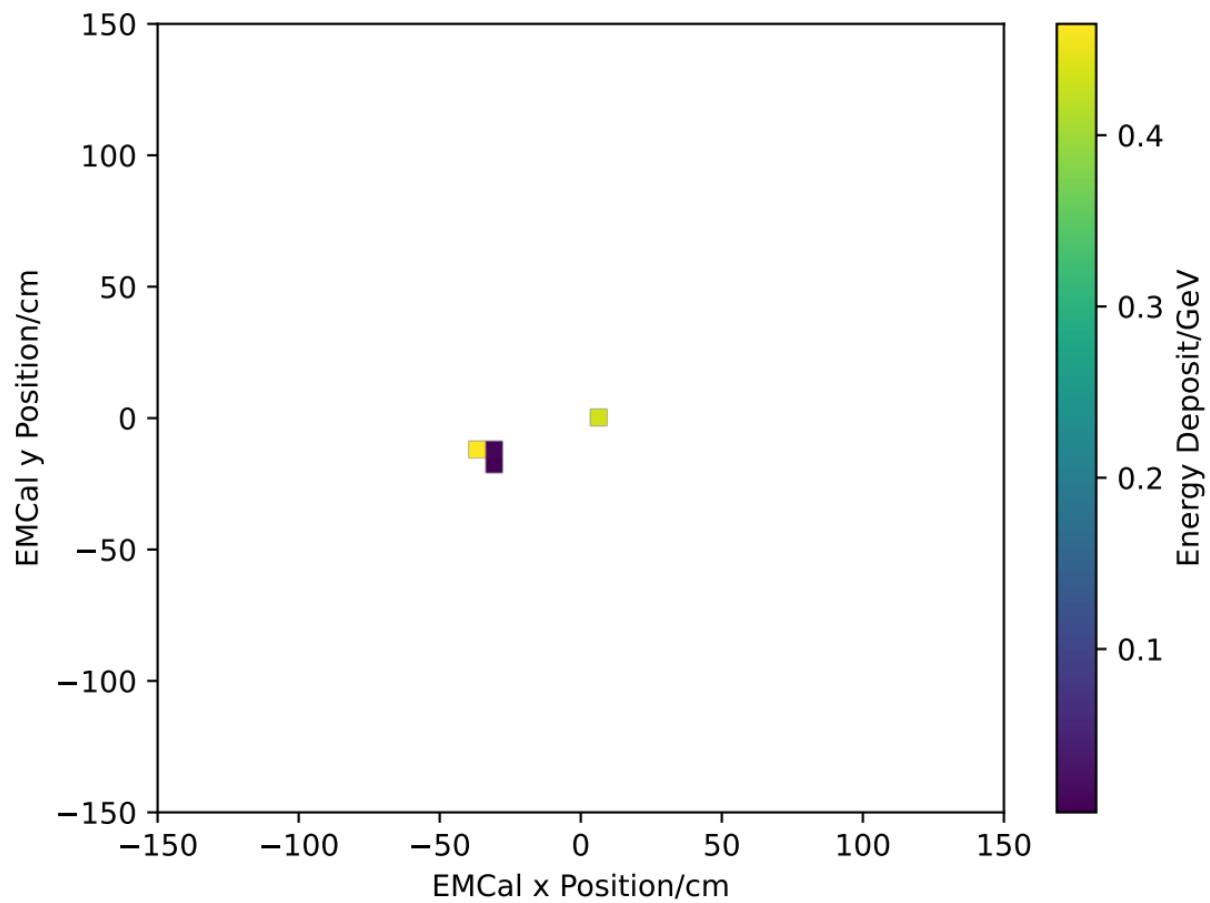




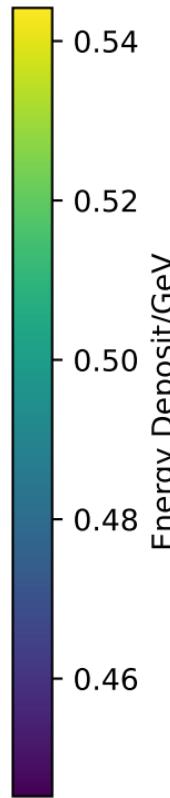
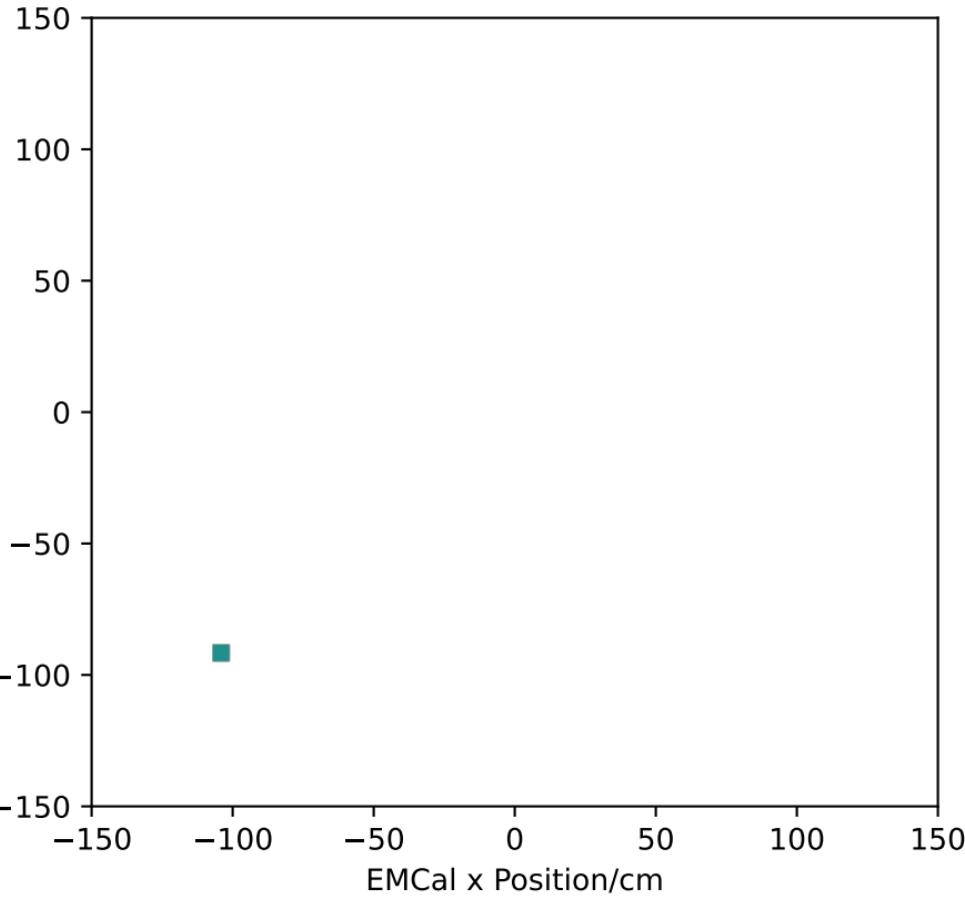
EMCal y Position/cm



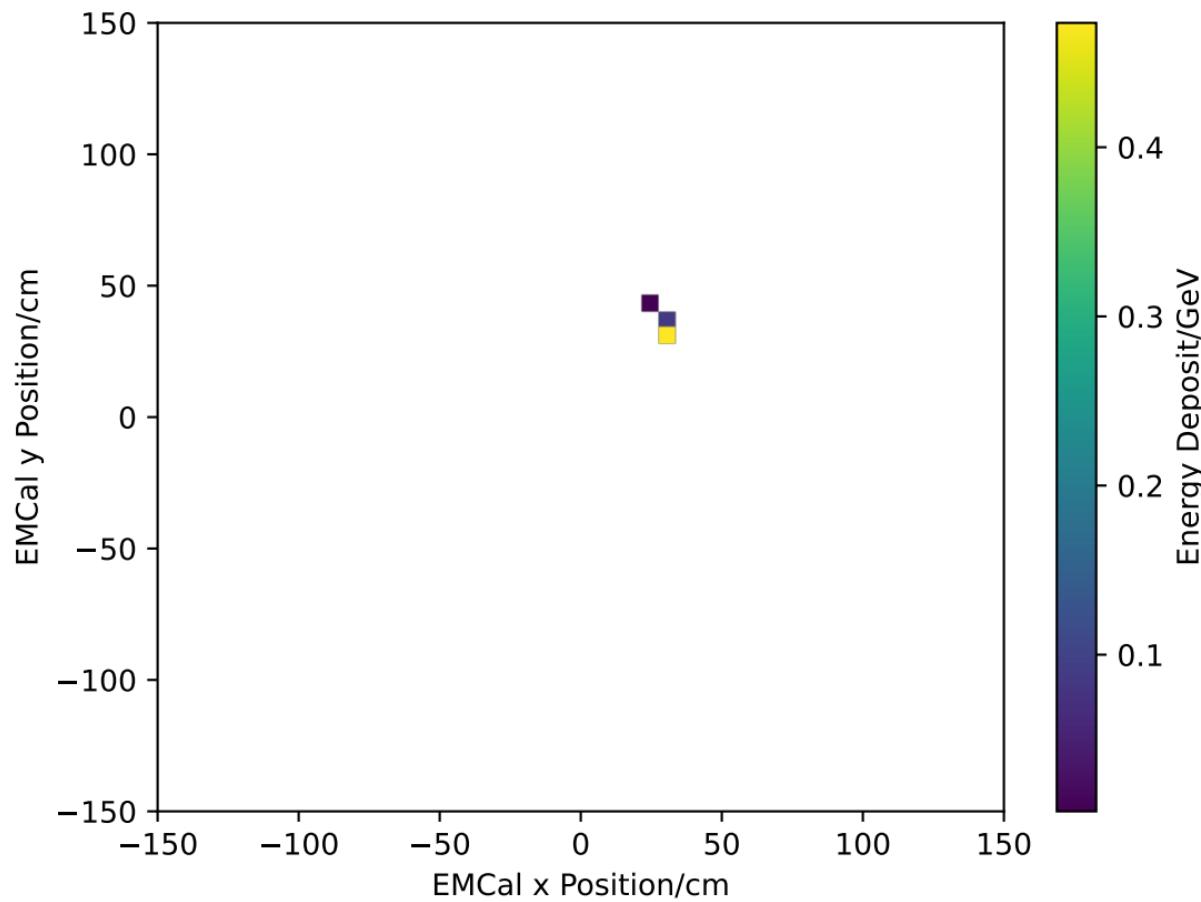
Energy Deposit/GeV

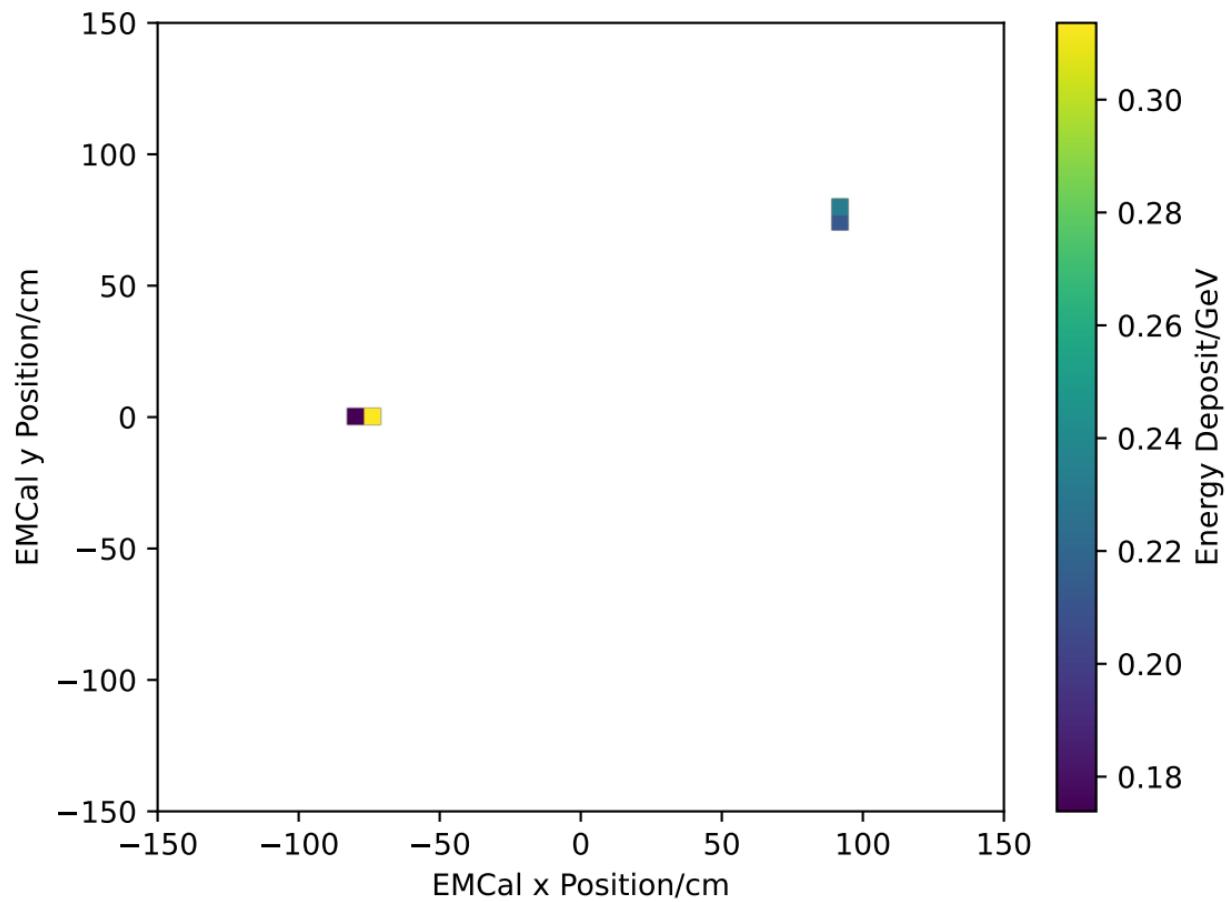


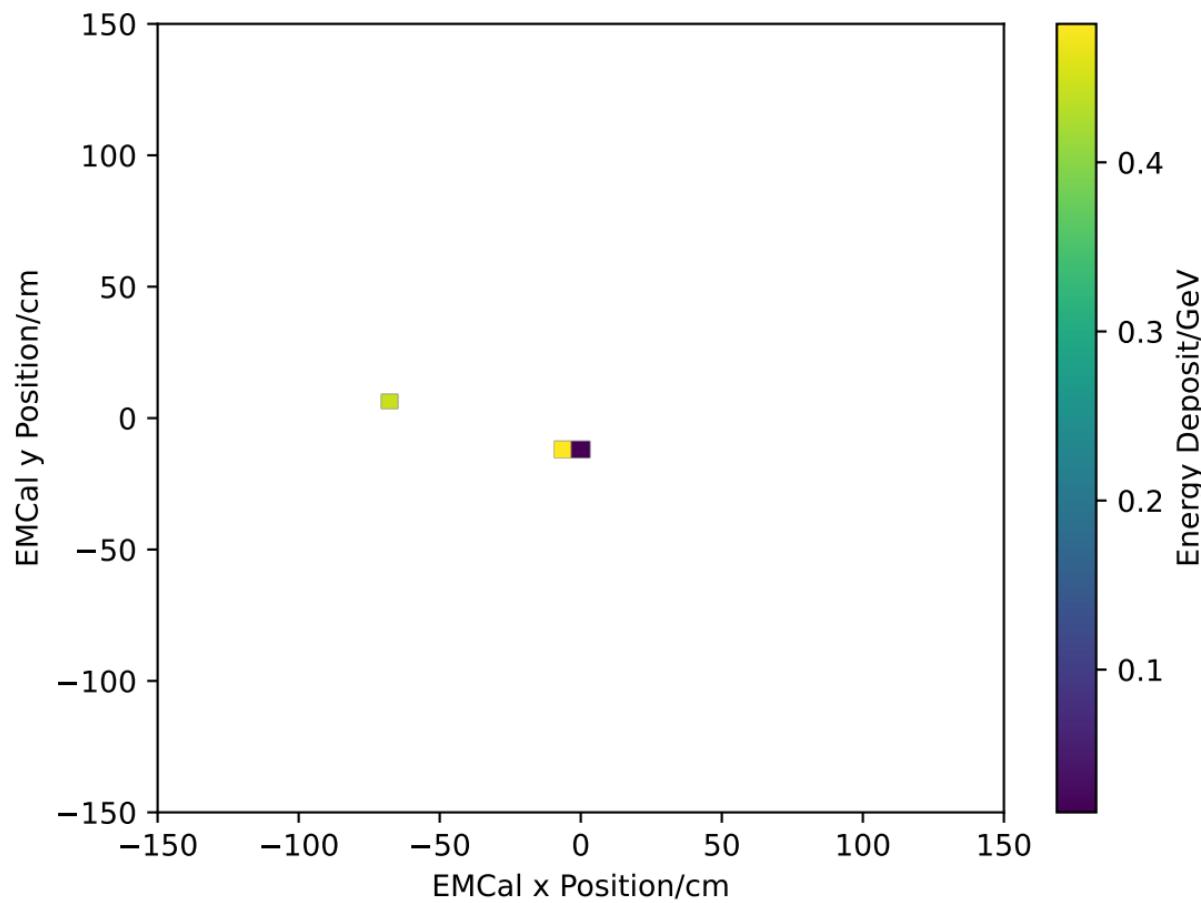
EMCal y Position/cm

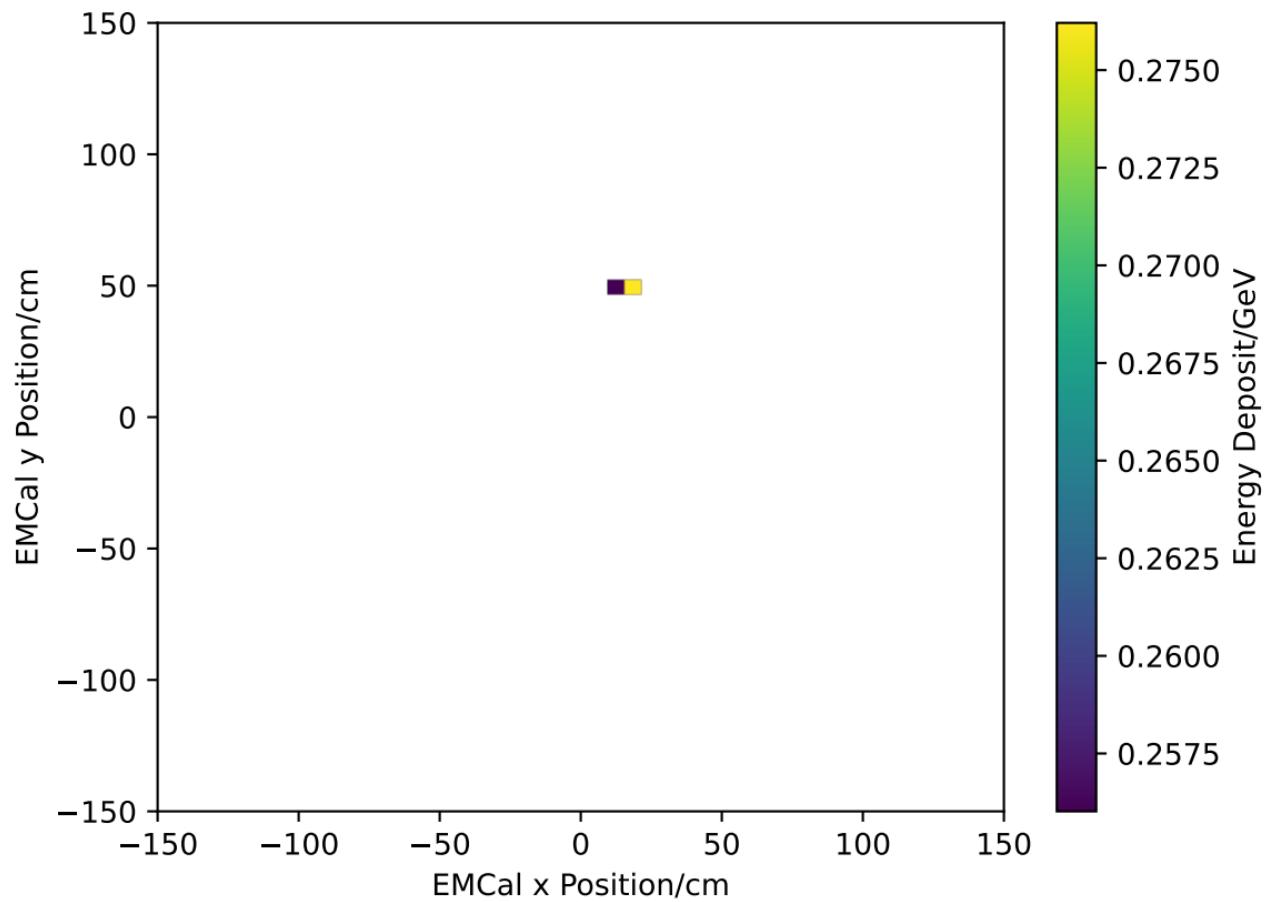


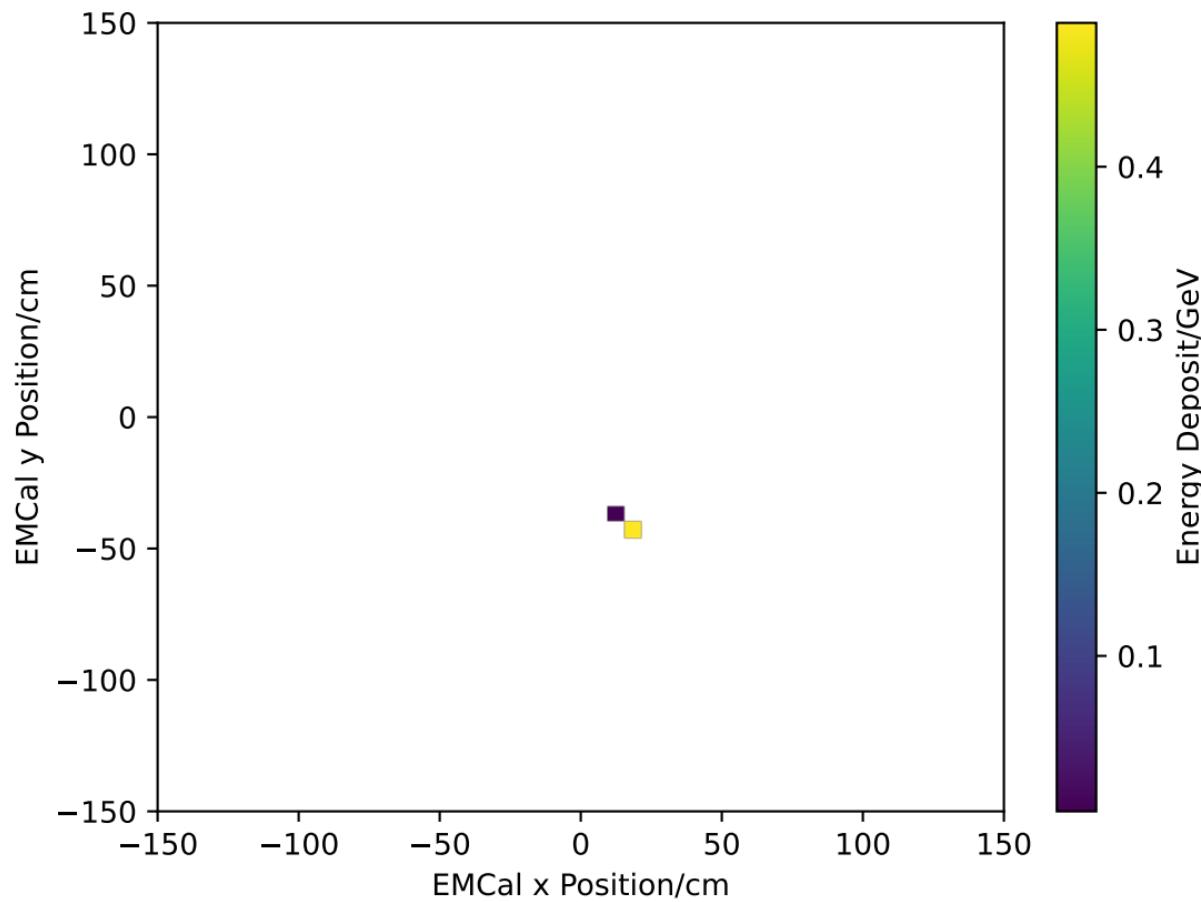
Energy Deposit/GeV

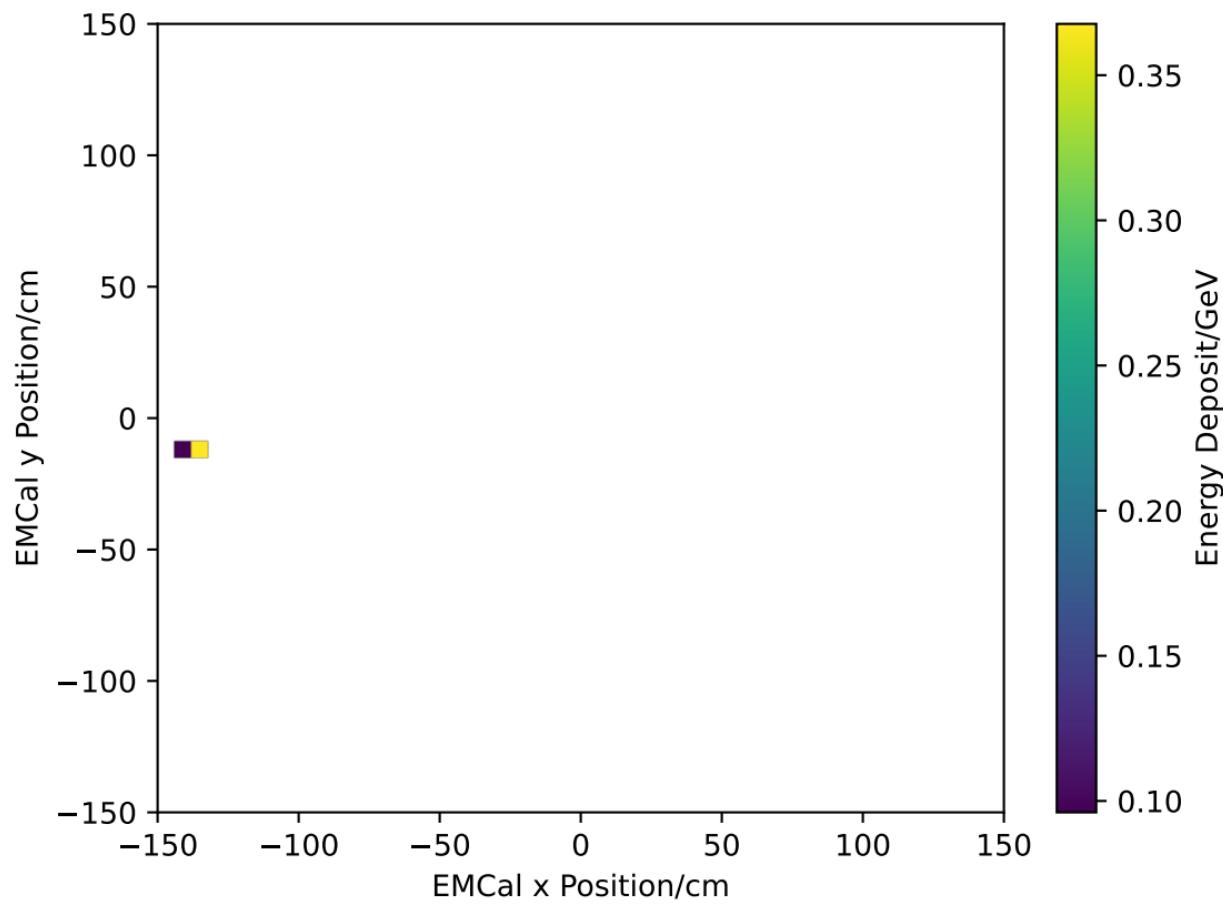












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

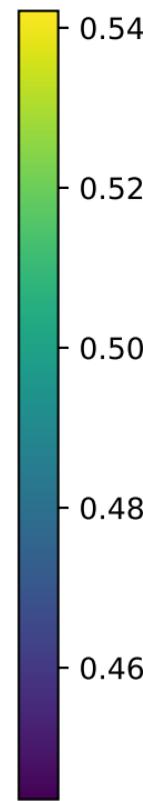
0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

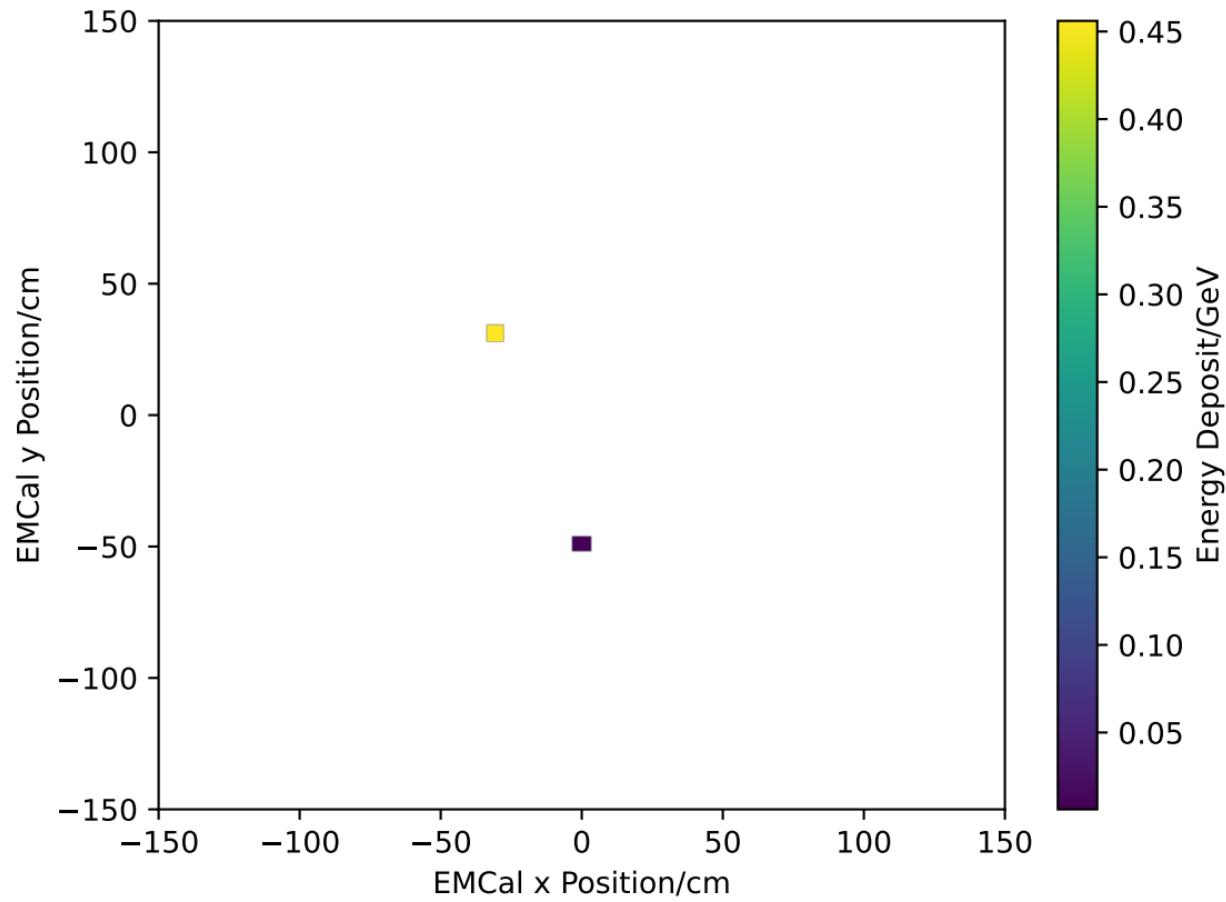
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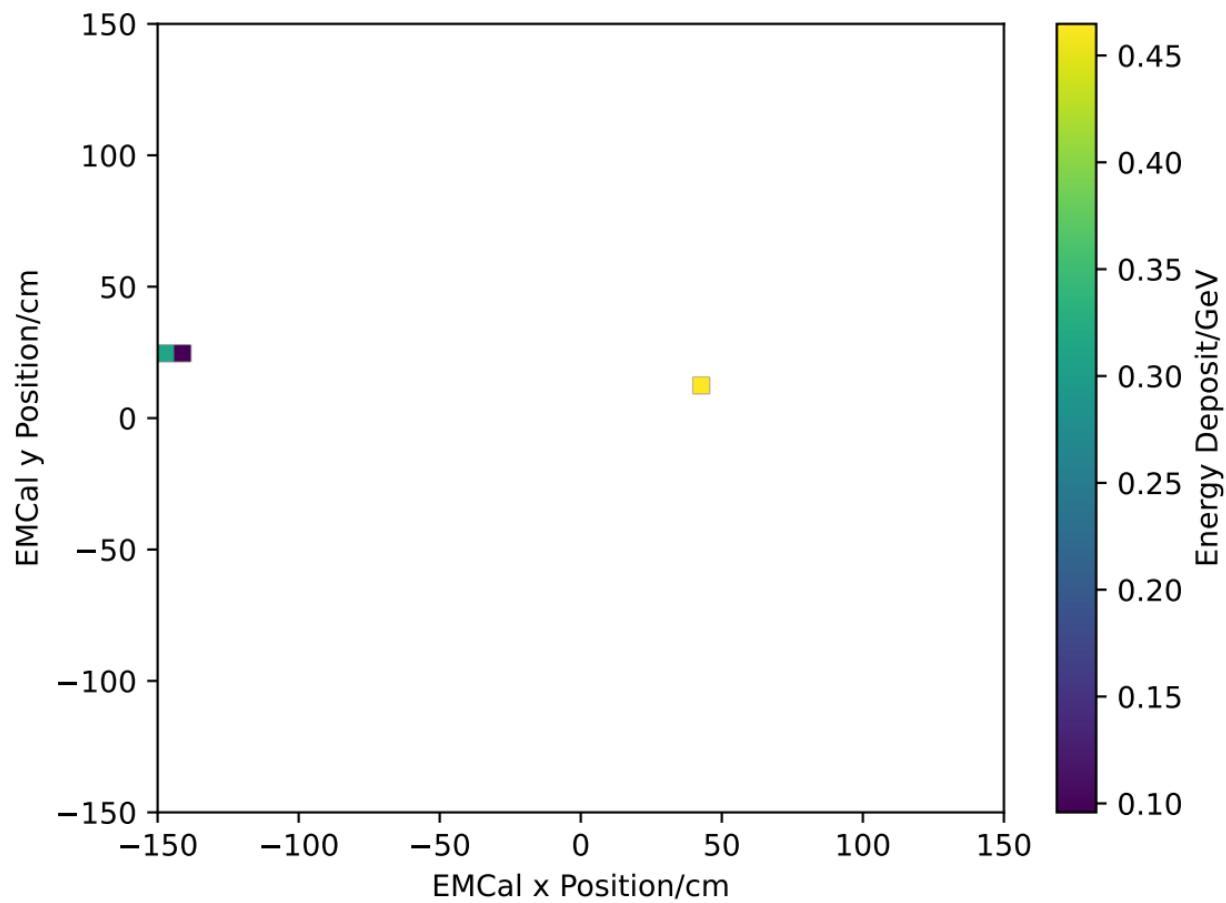
0.52

0.50

0.48

0.46





EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



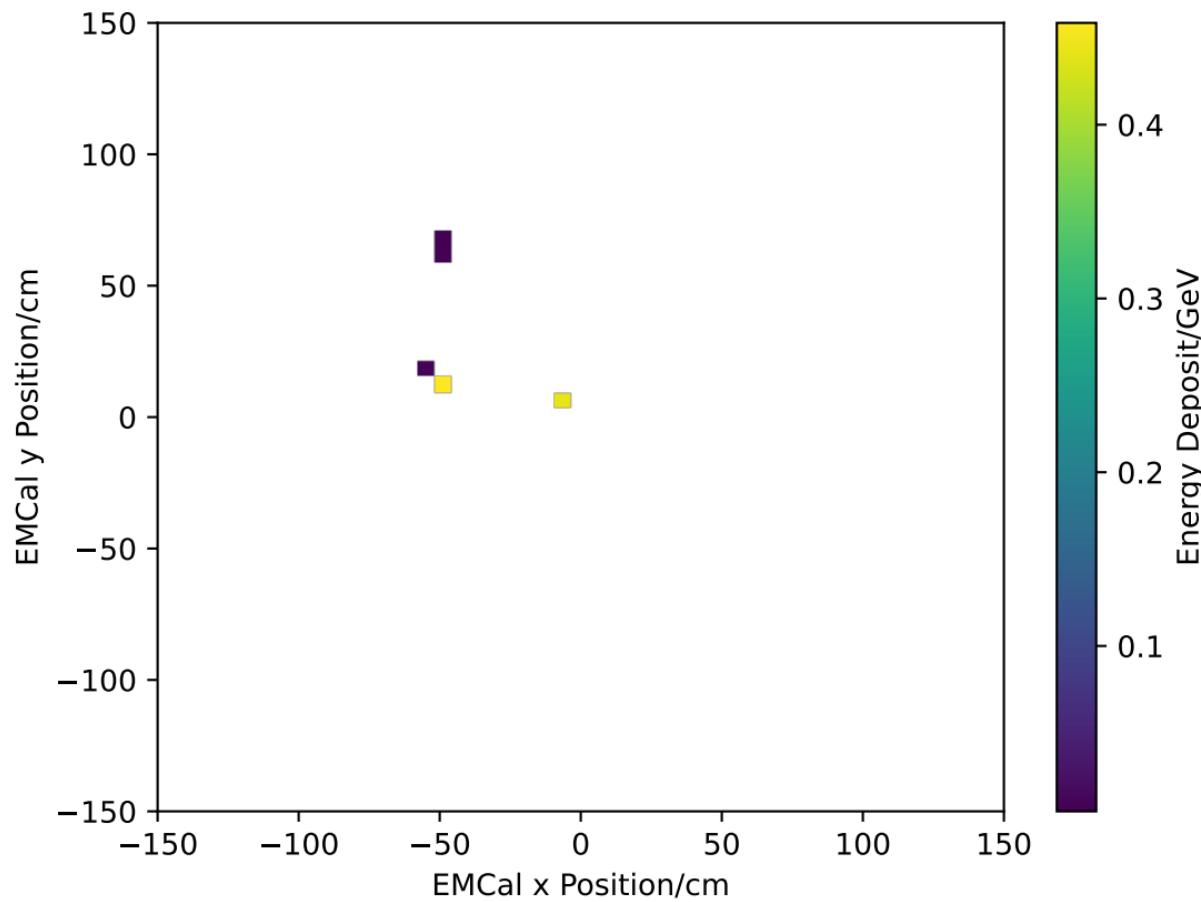
Energy Deposit/GeV

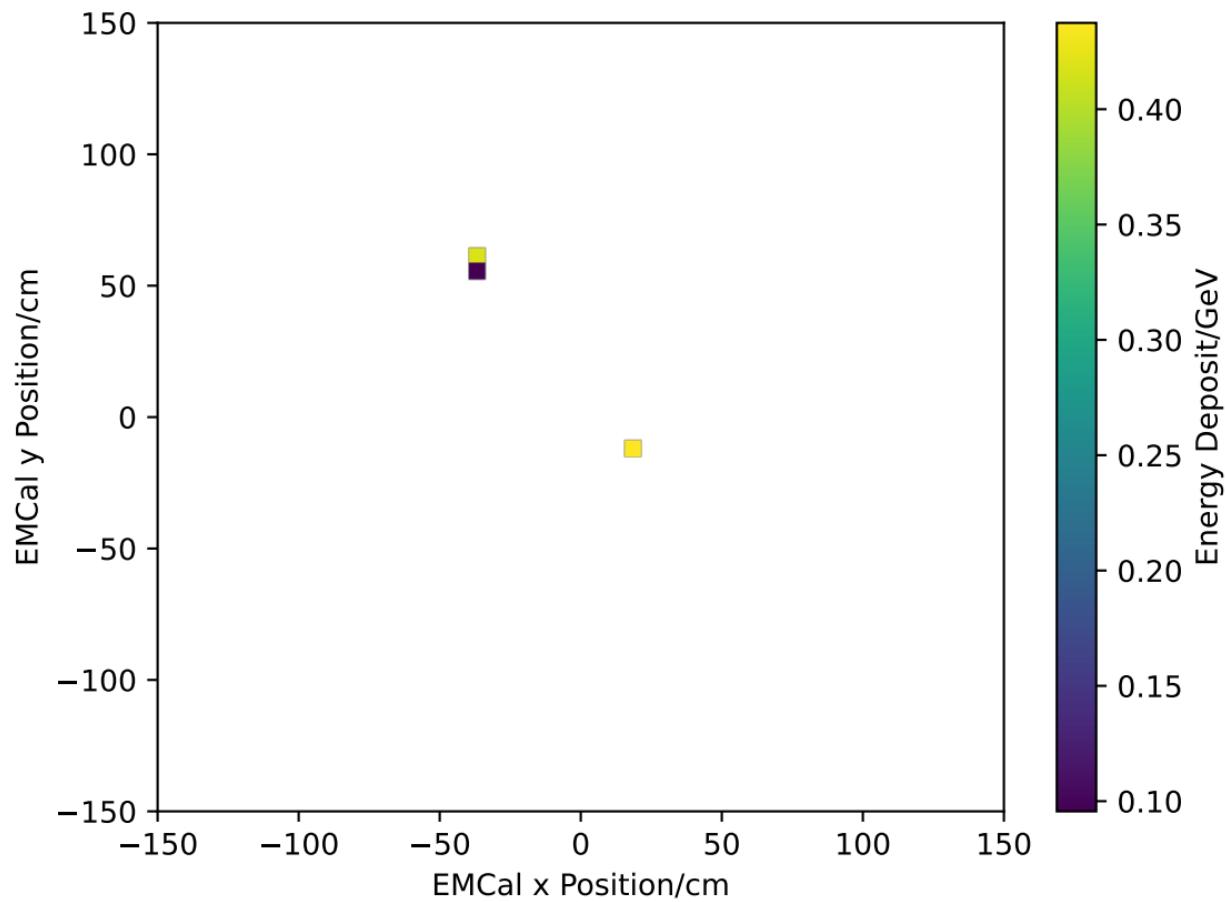
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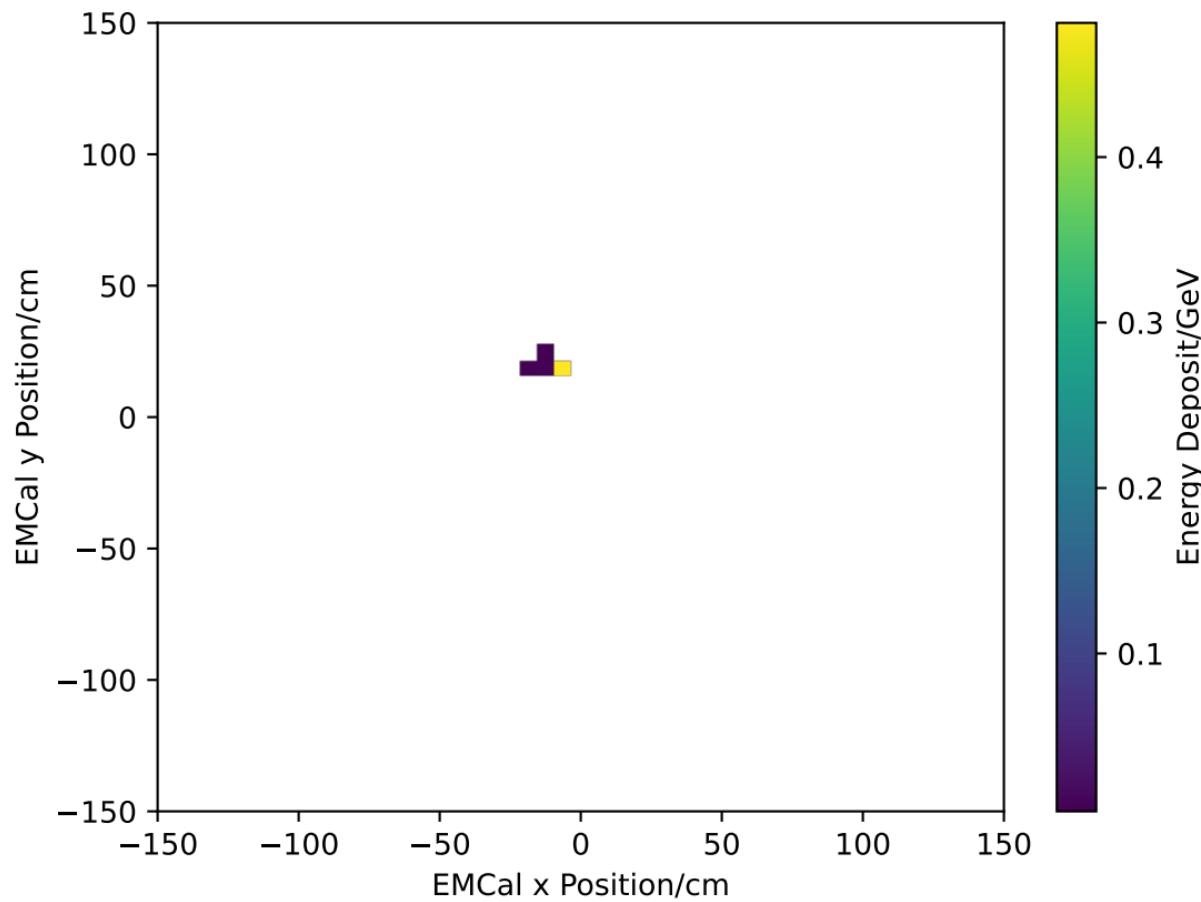
0.46

0.44

0.42







EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

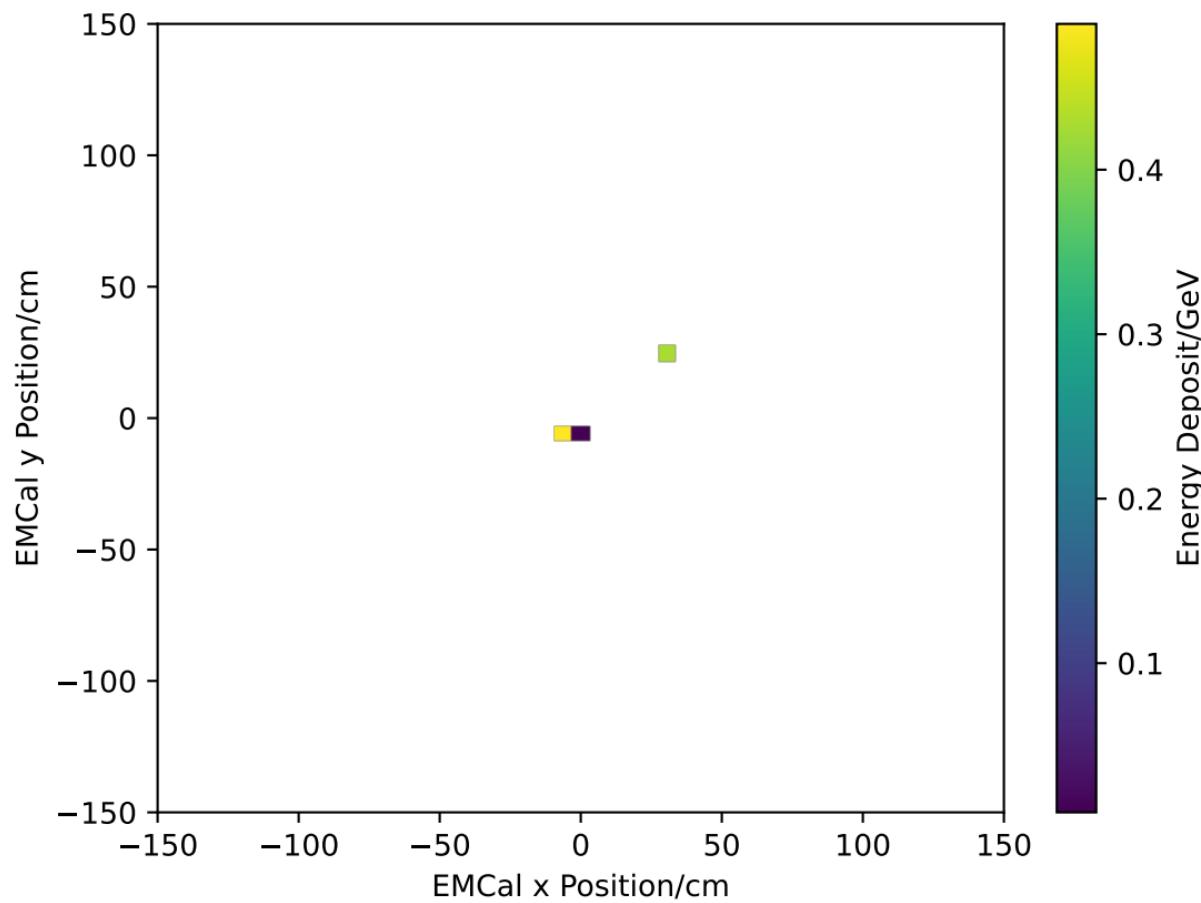
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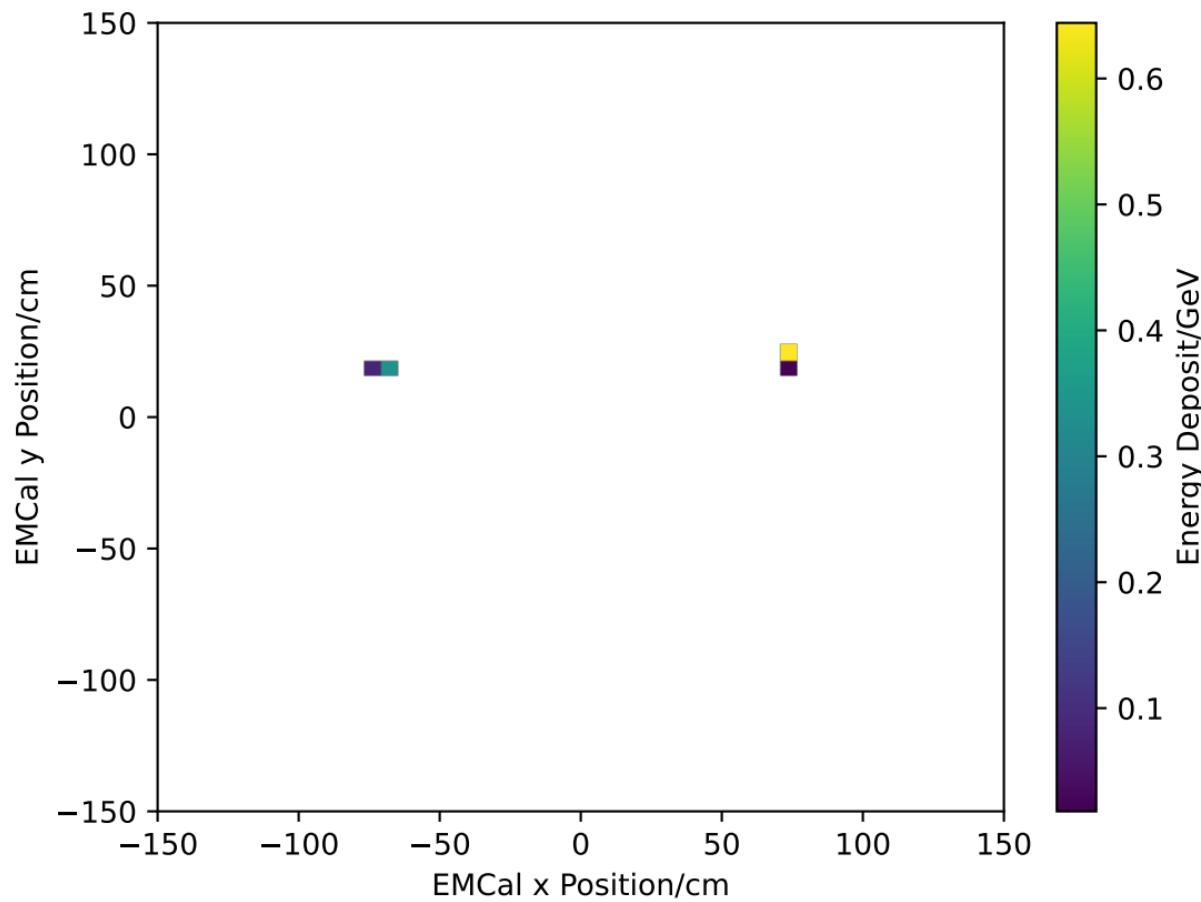
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EMCal x Position/cm

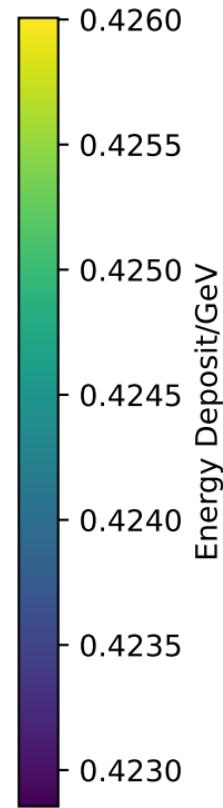
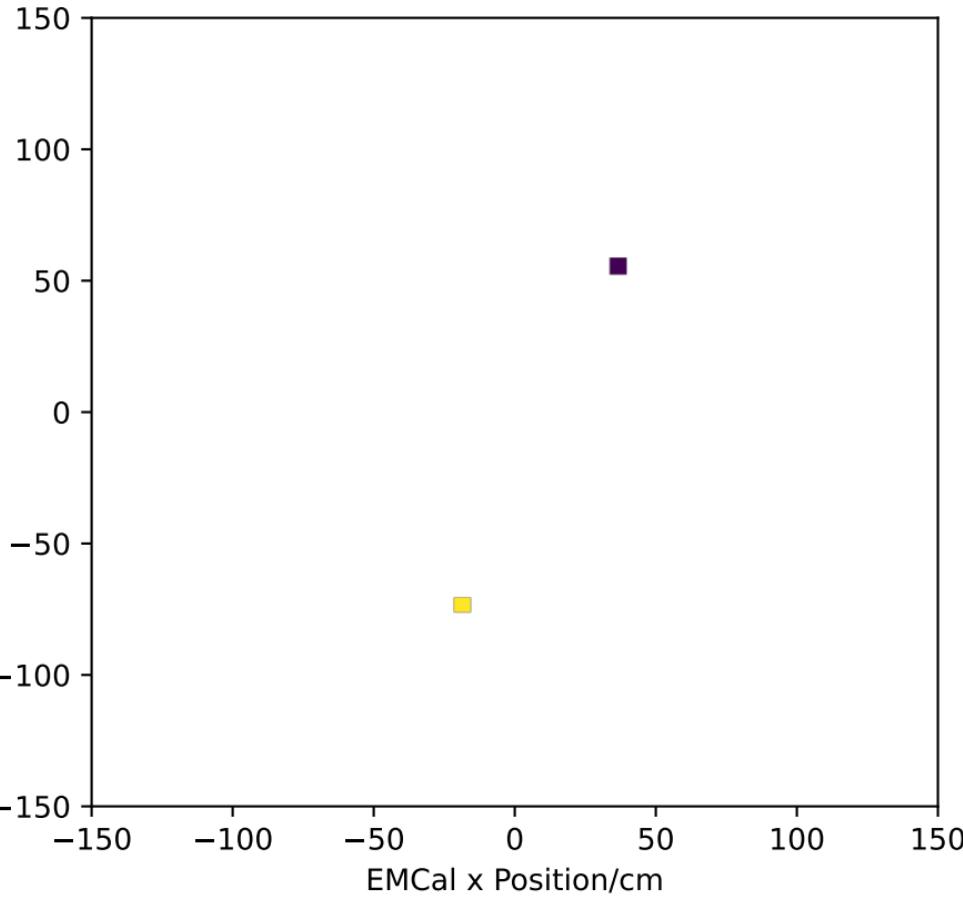


Energy Deposit/GeV

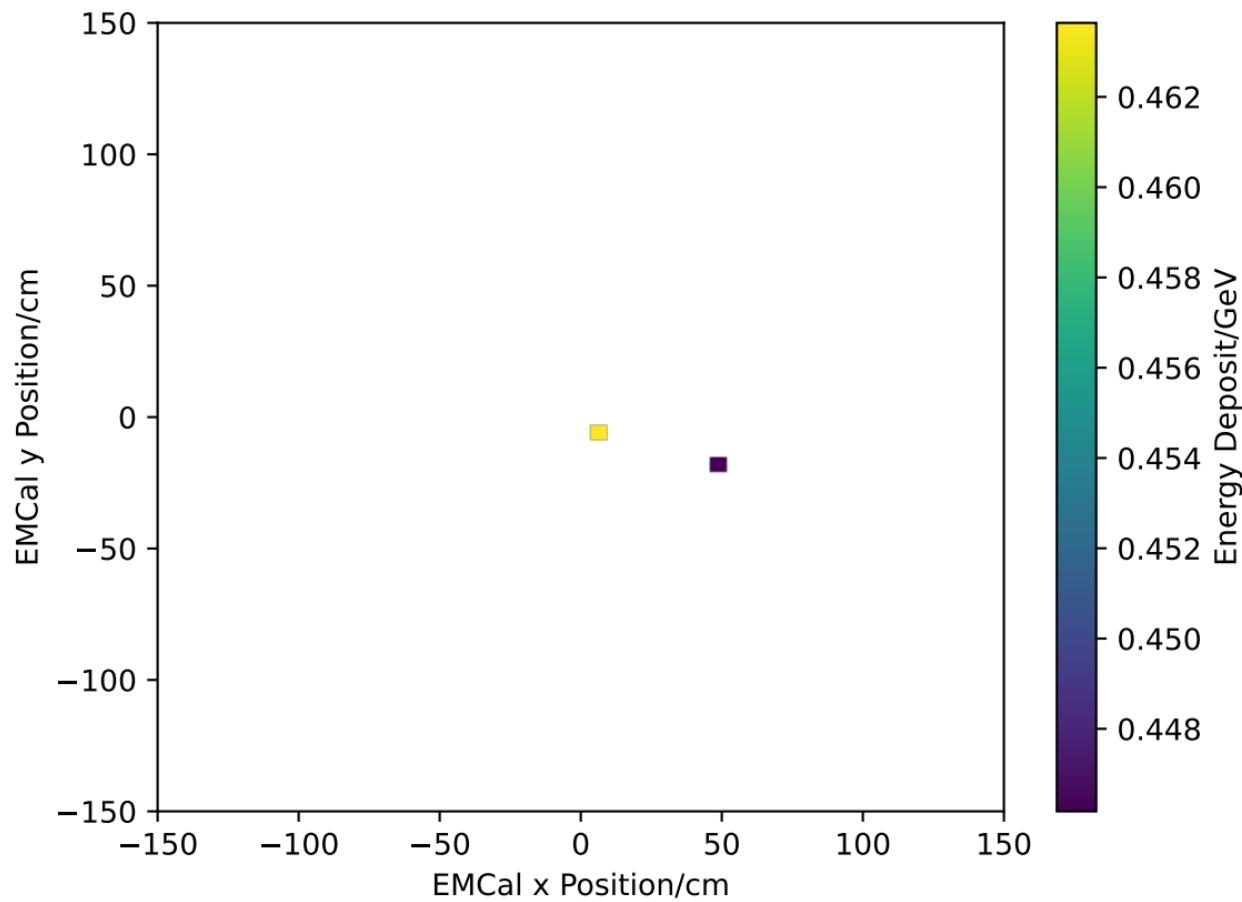


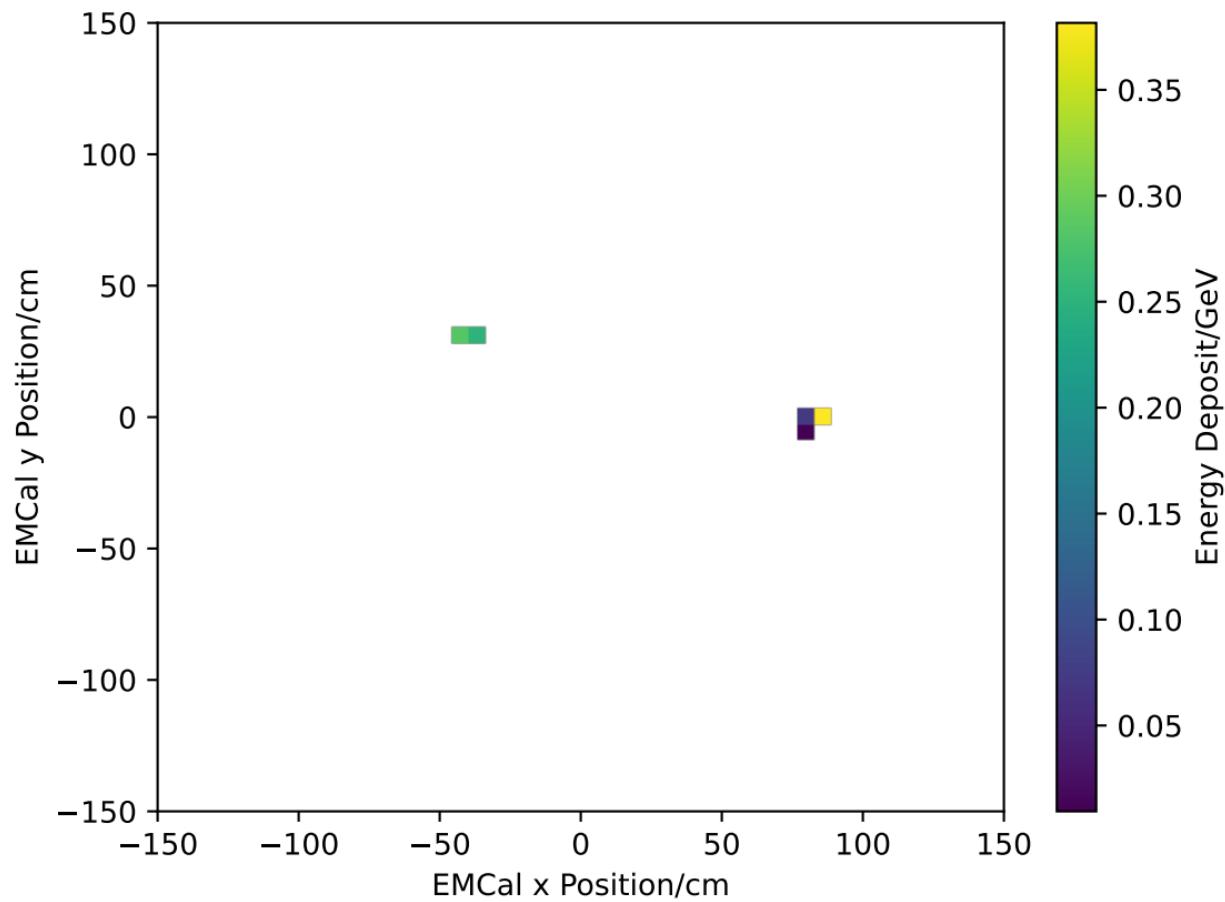


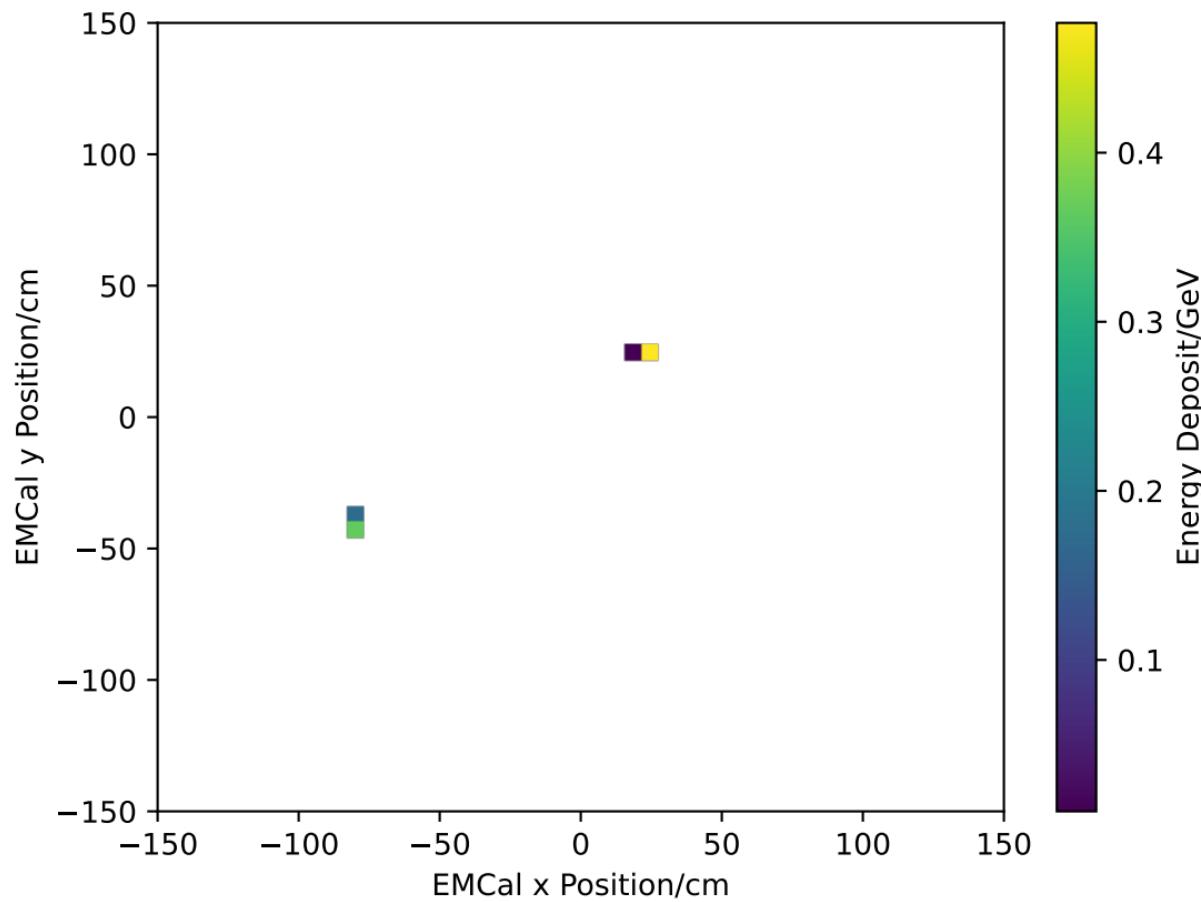
EMCal y Position/cm

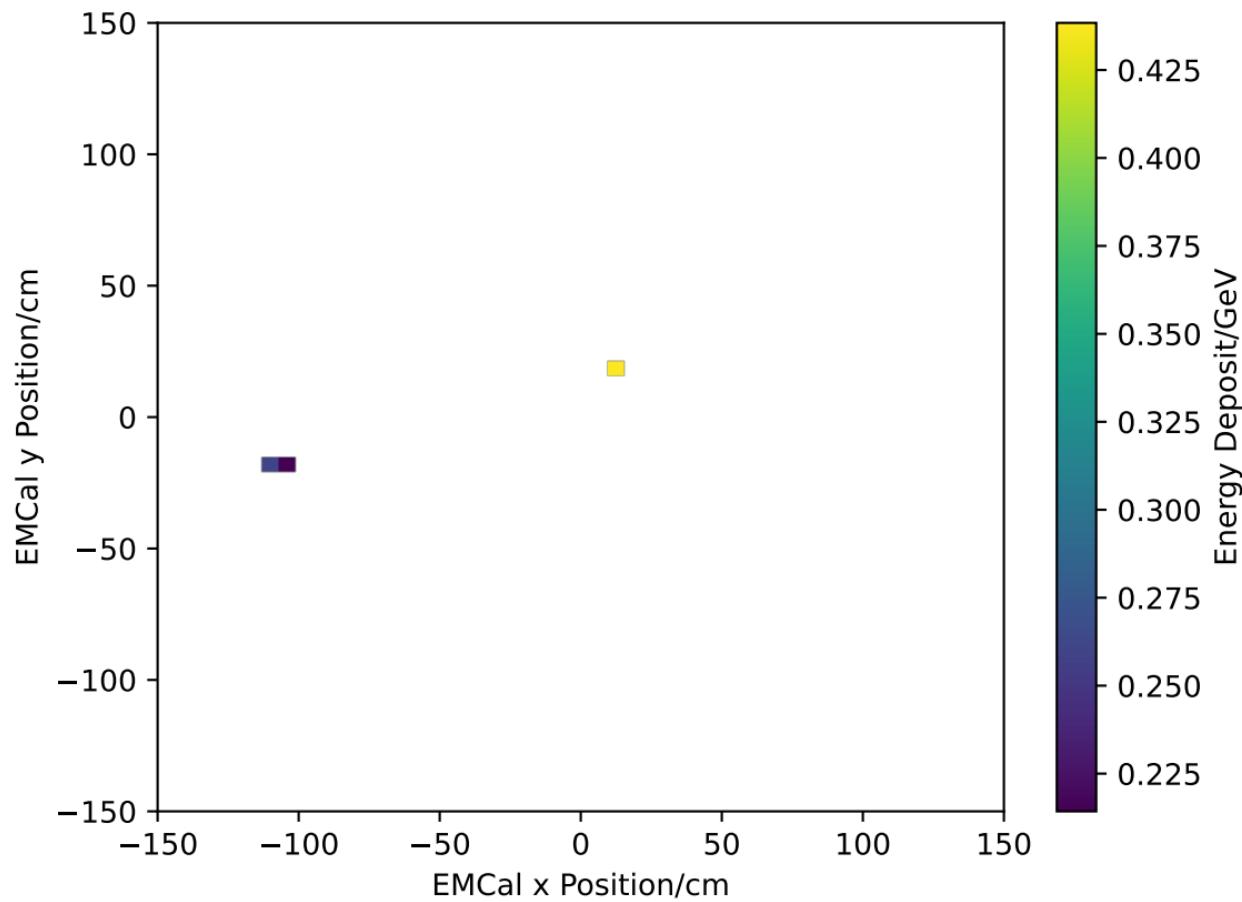


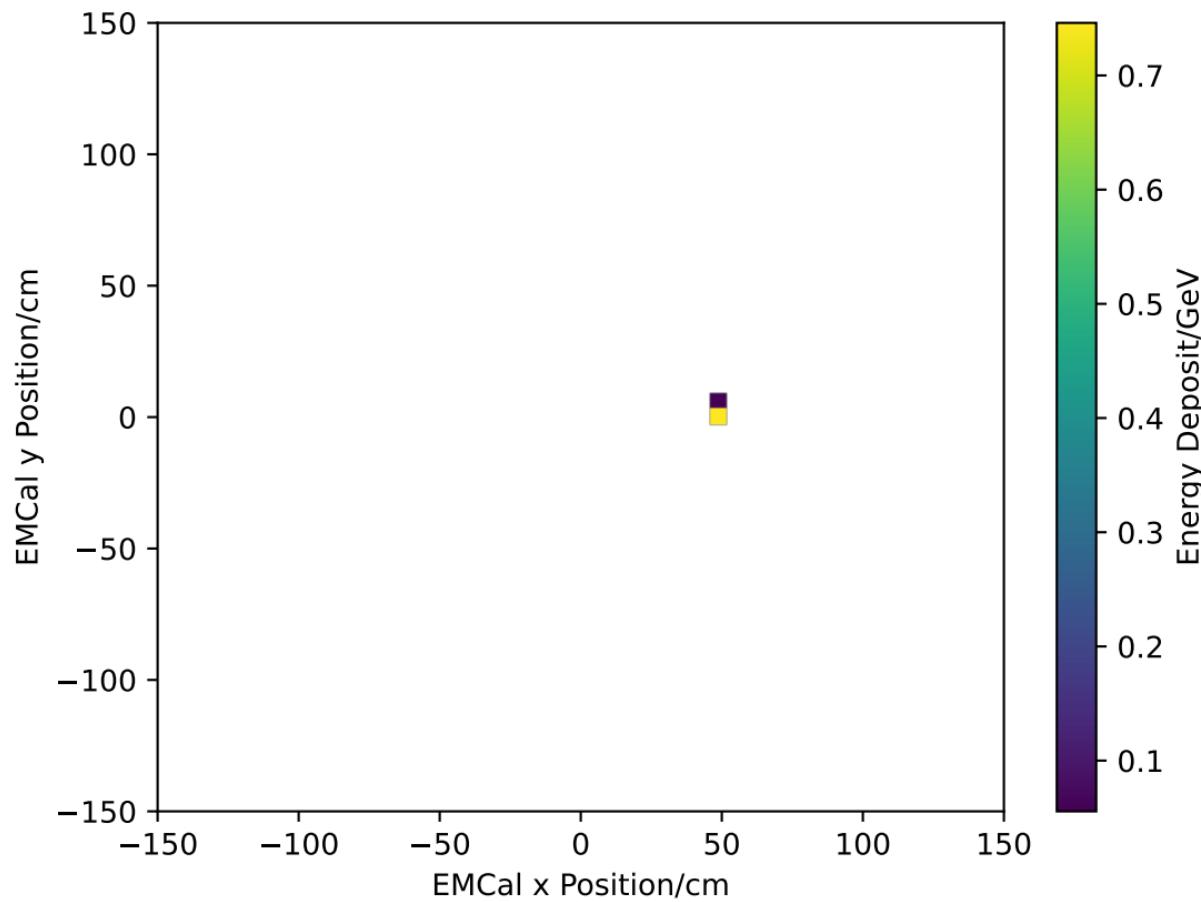
Energy Deposit/GeV

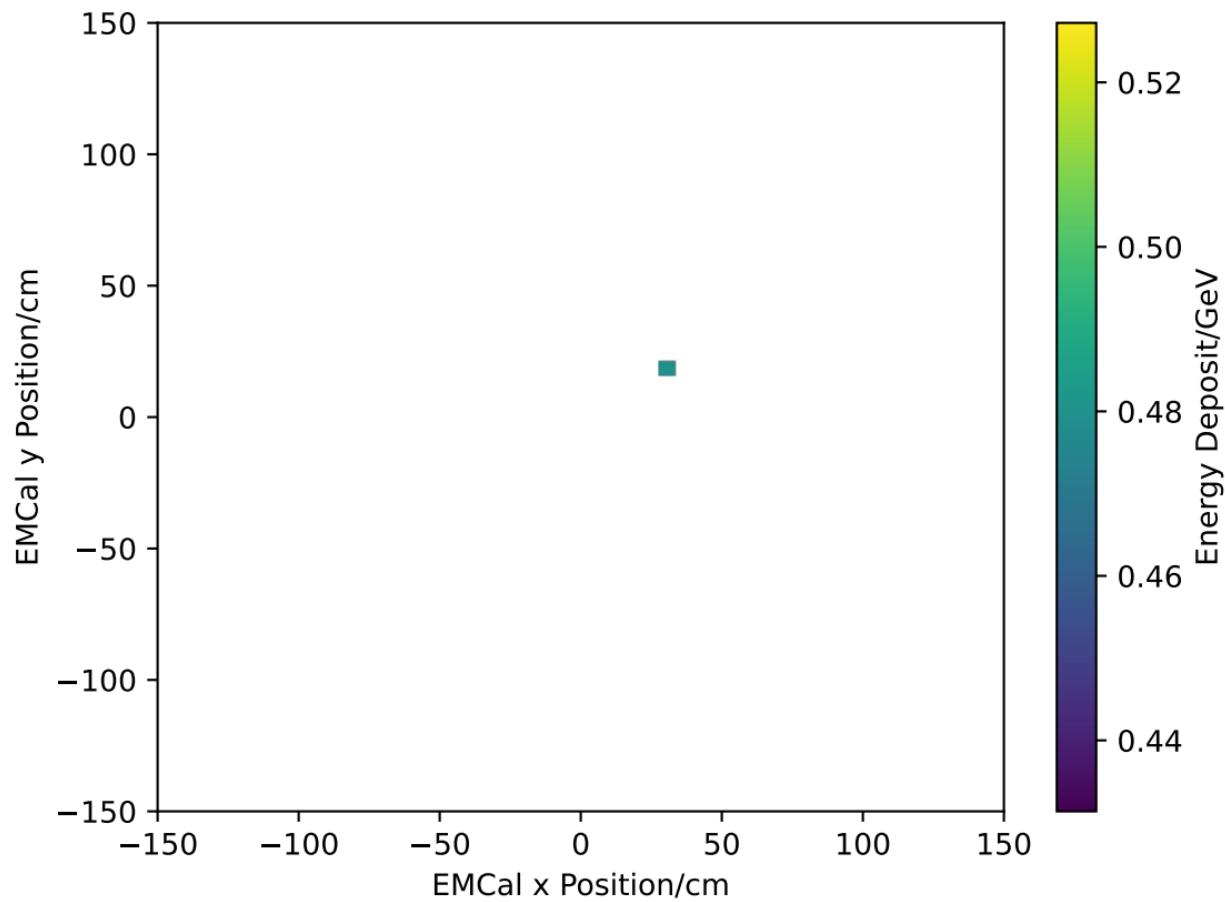




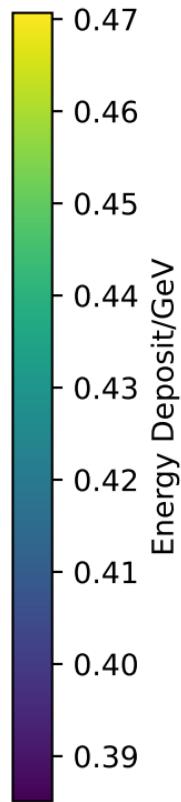
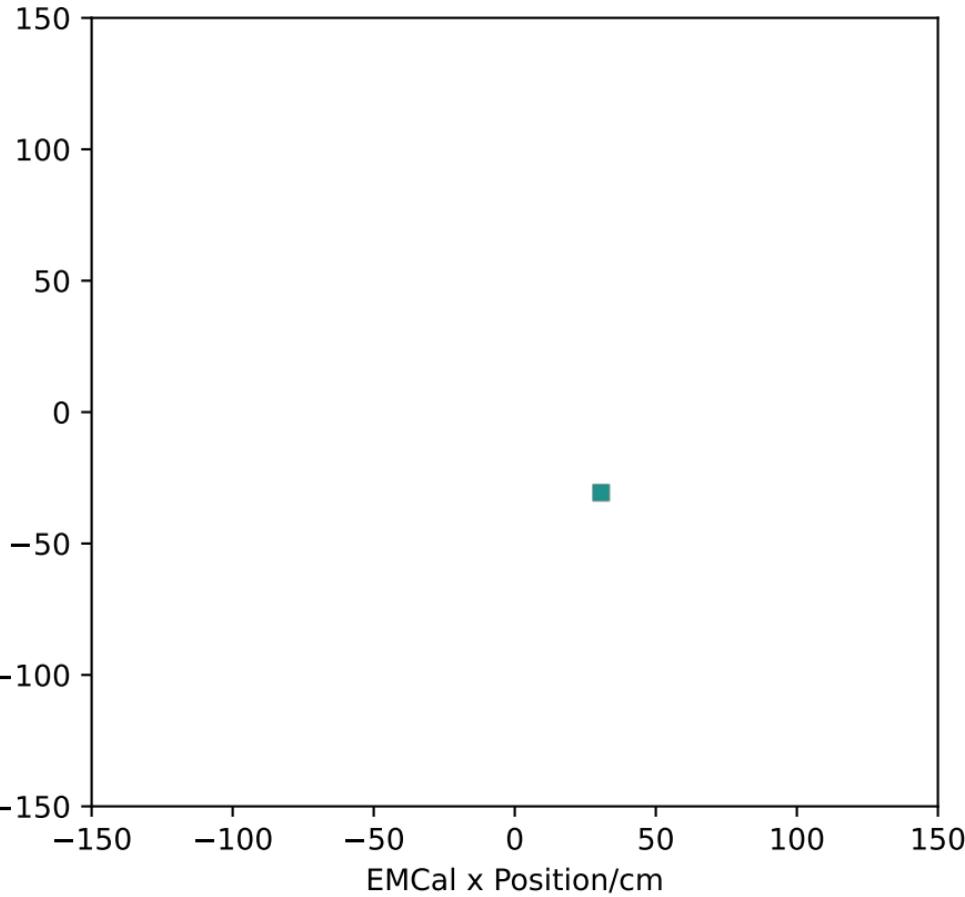


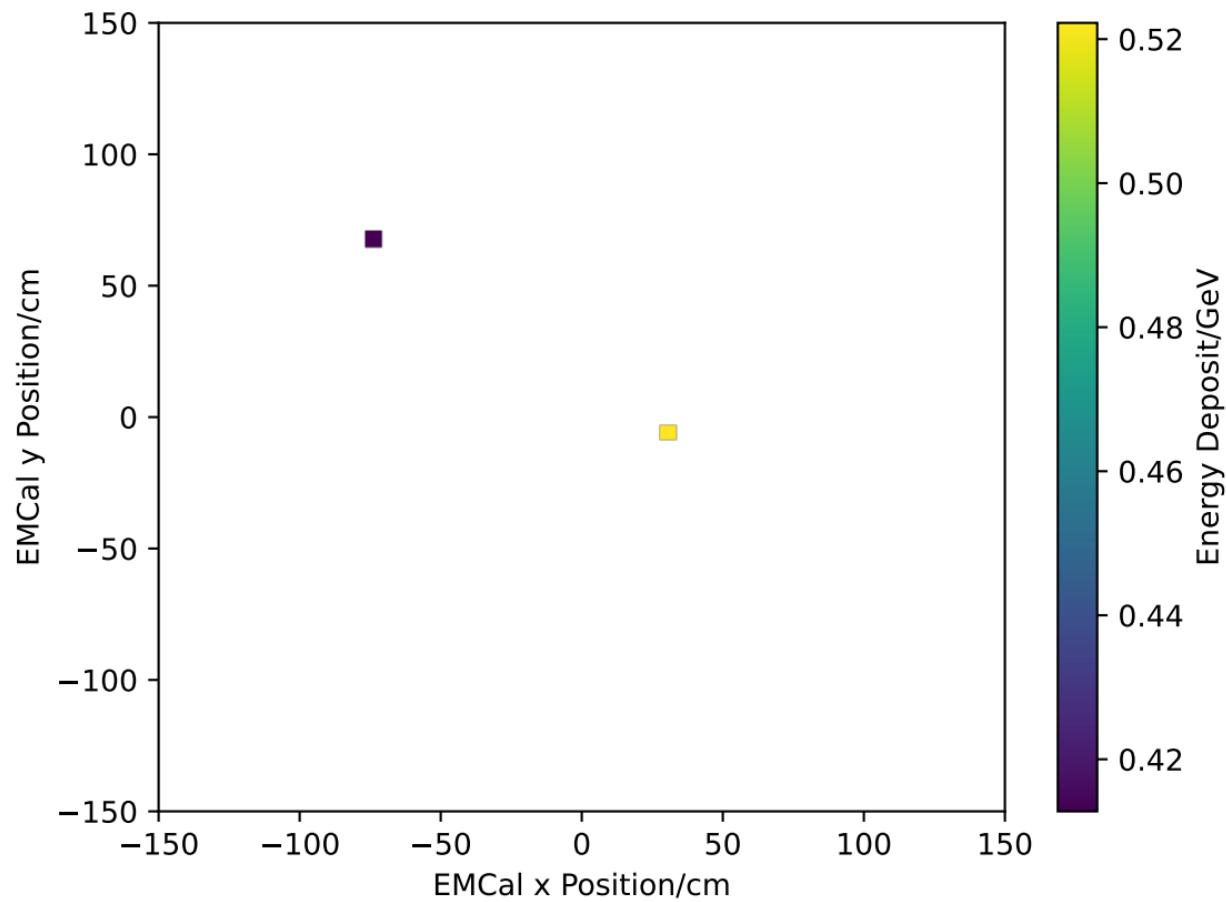






EMCal y Position/cm





EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



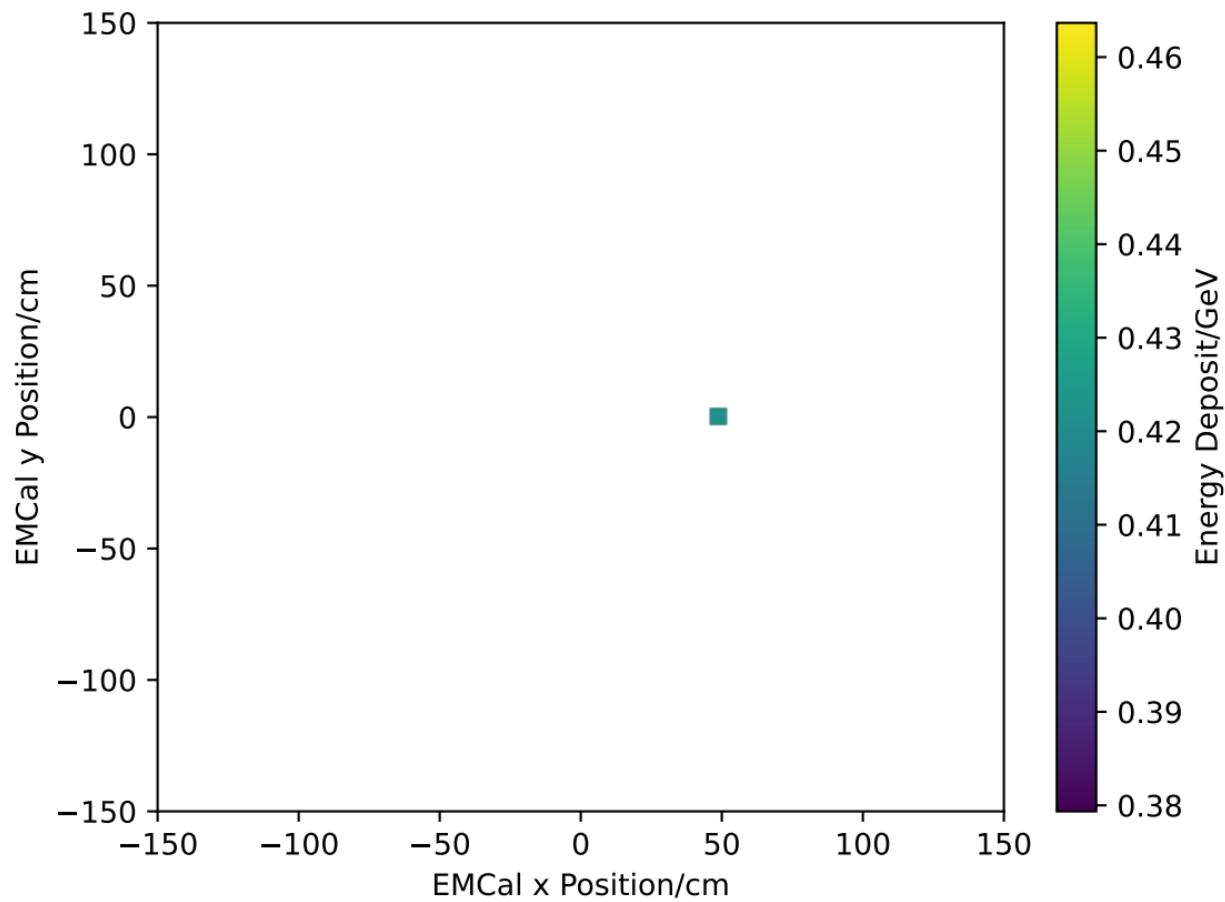
Energy Deposit/GeV

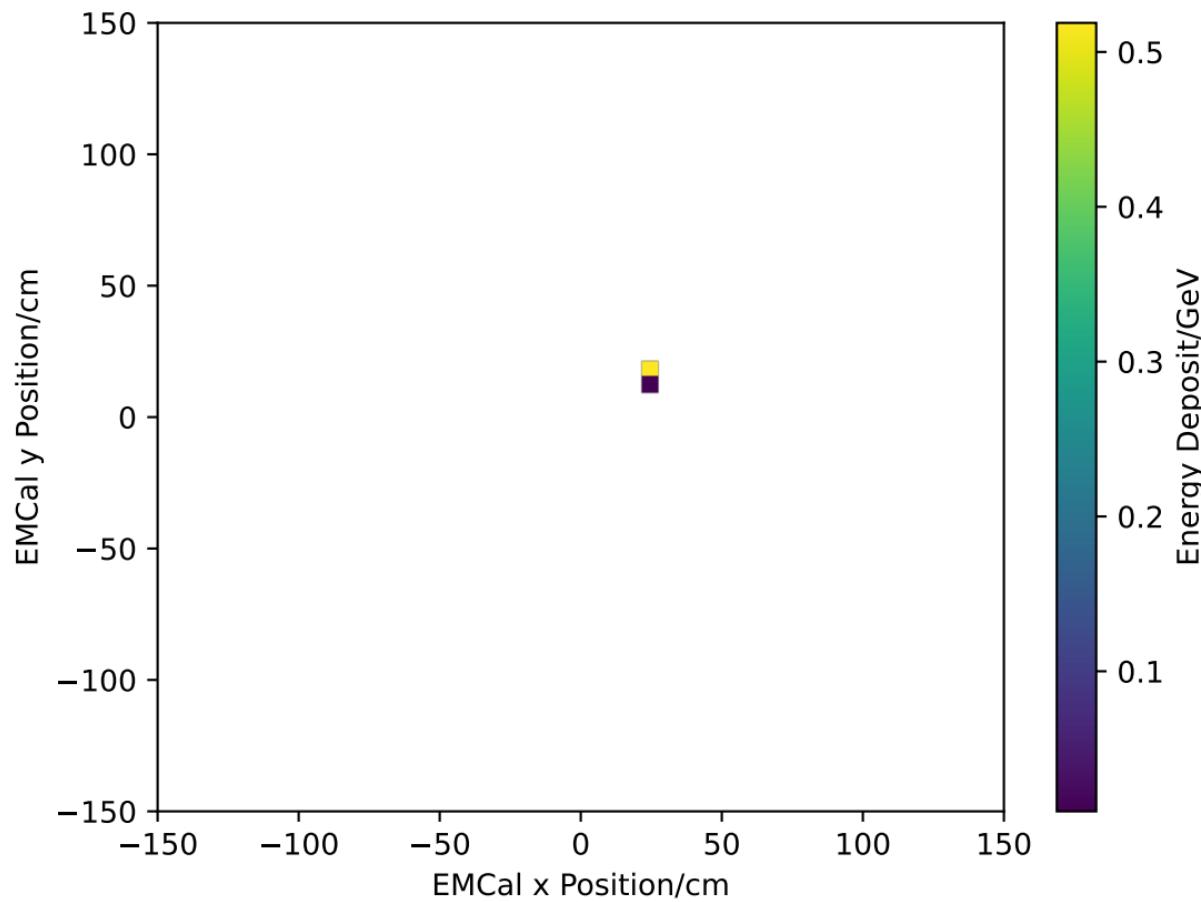
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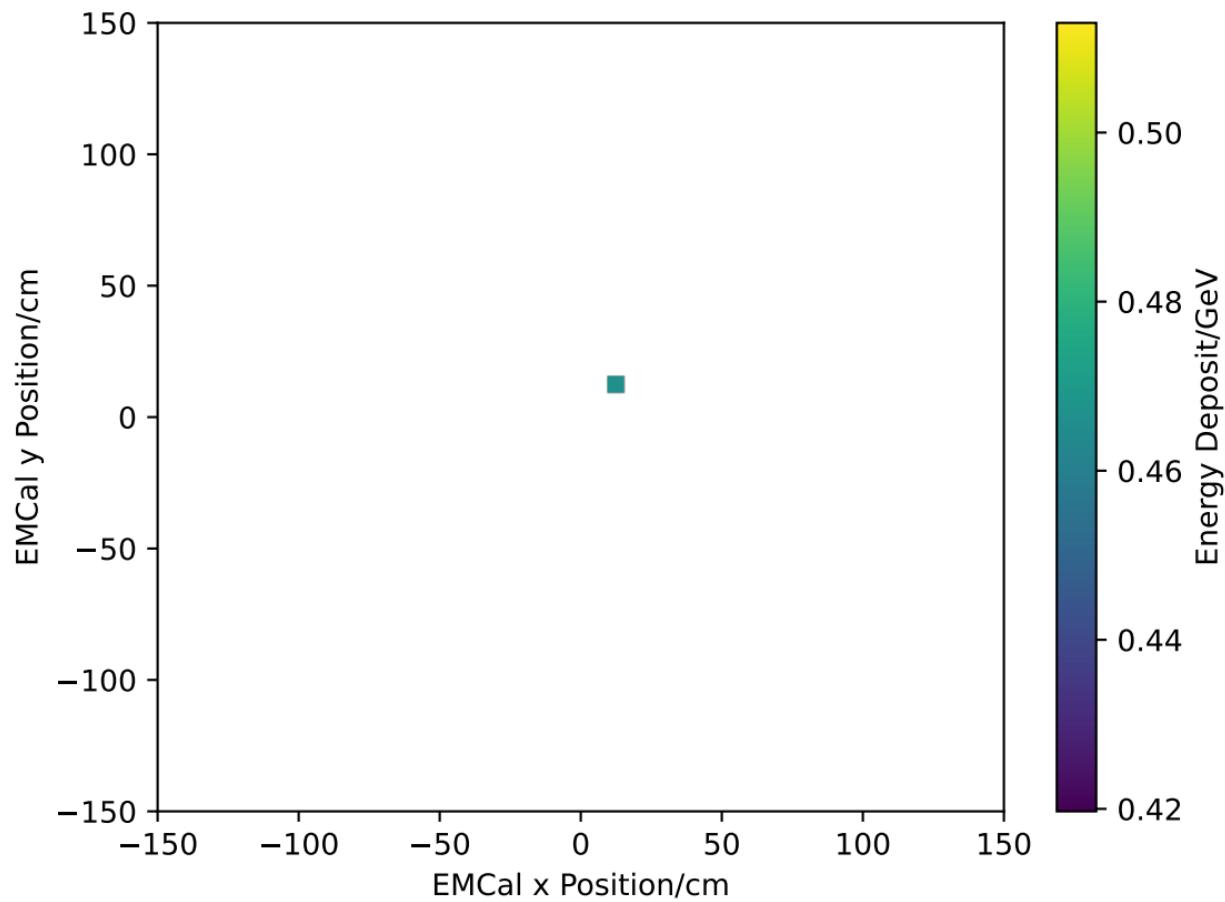
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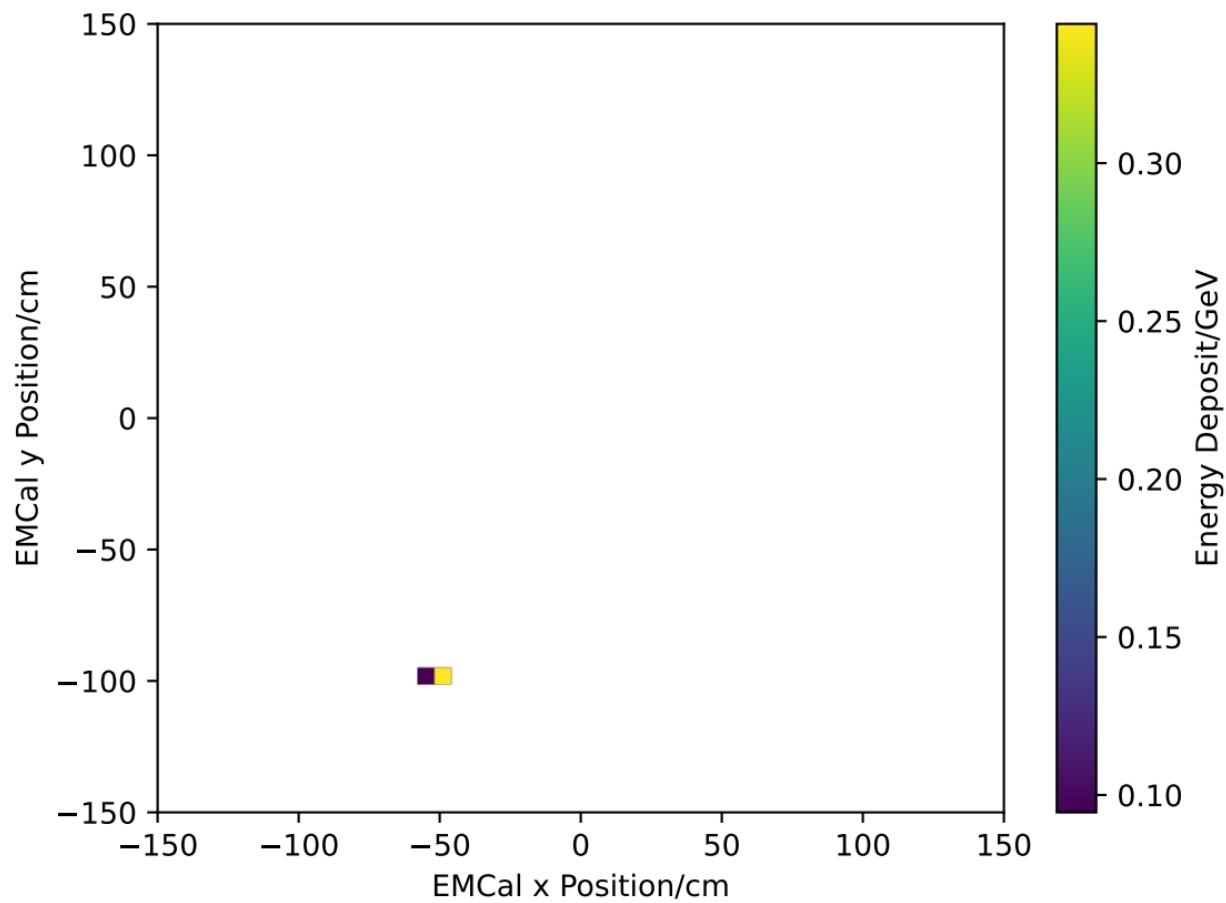
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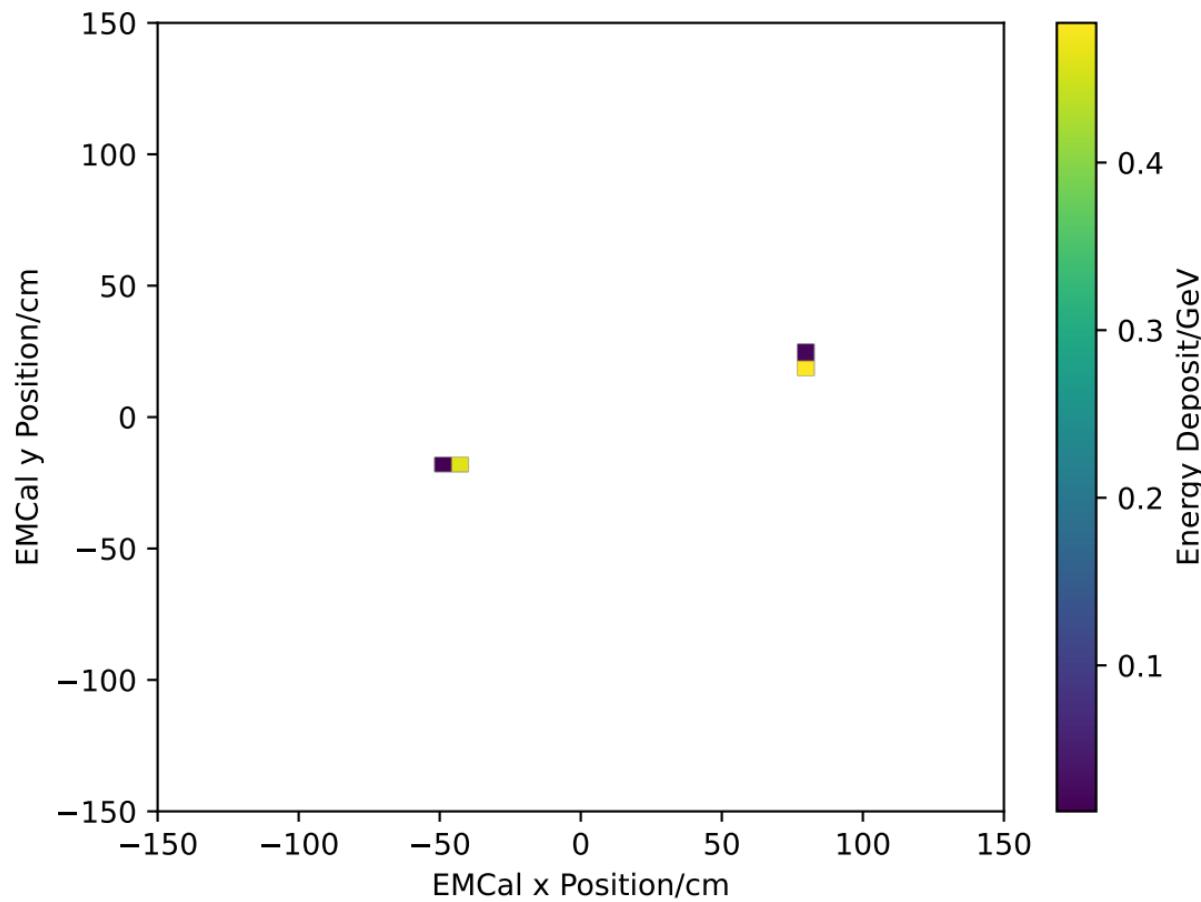
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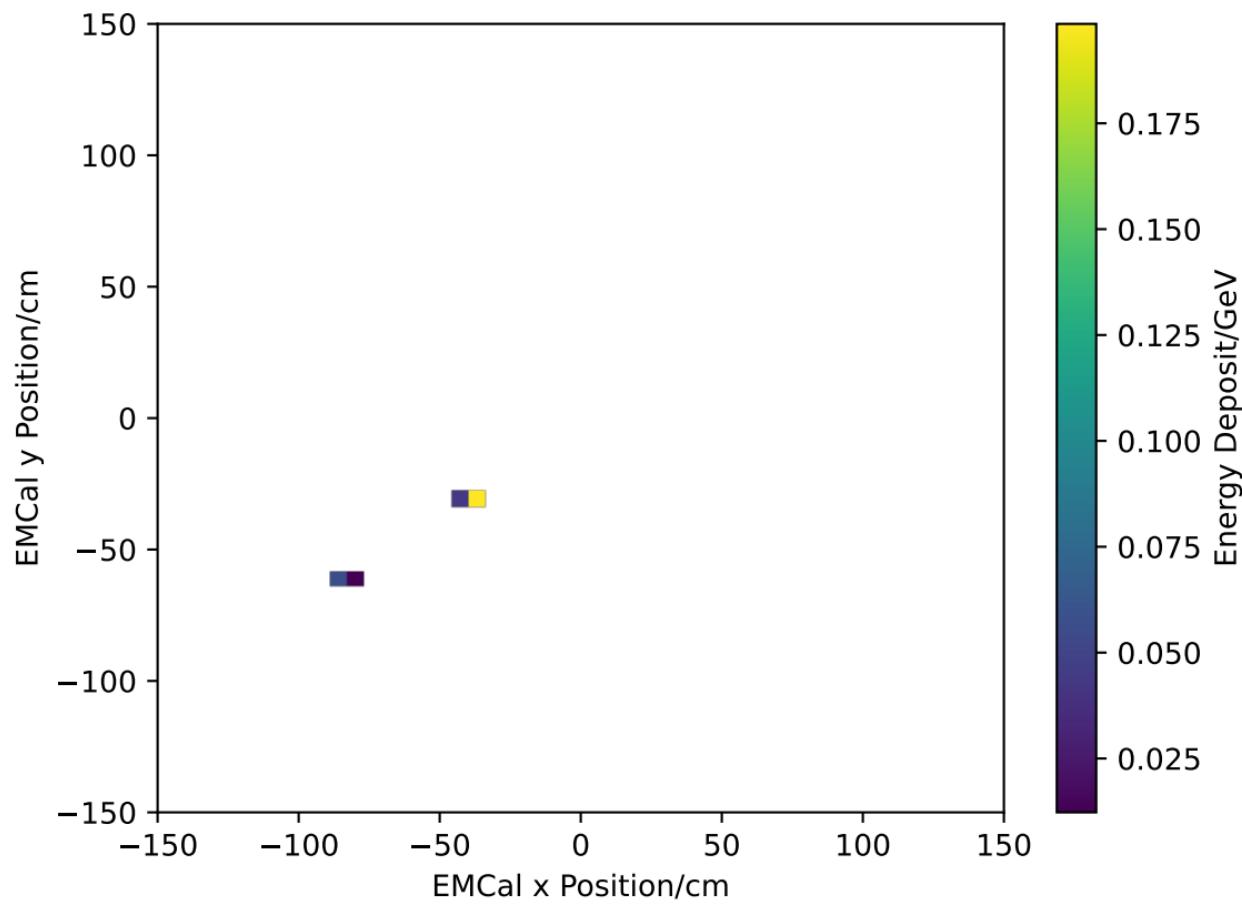


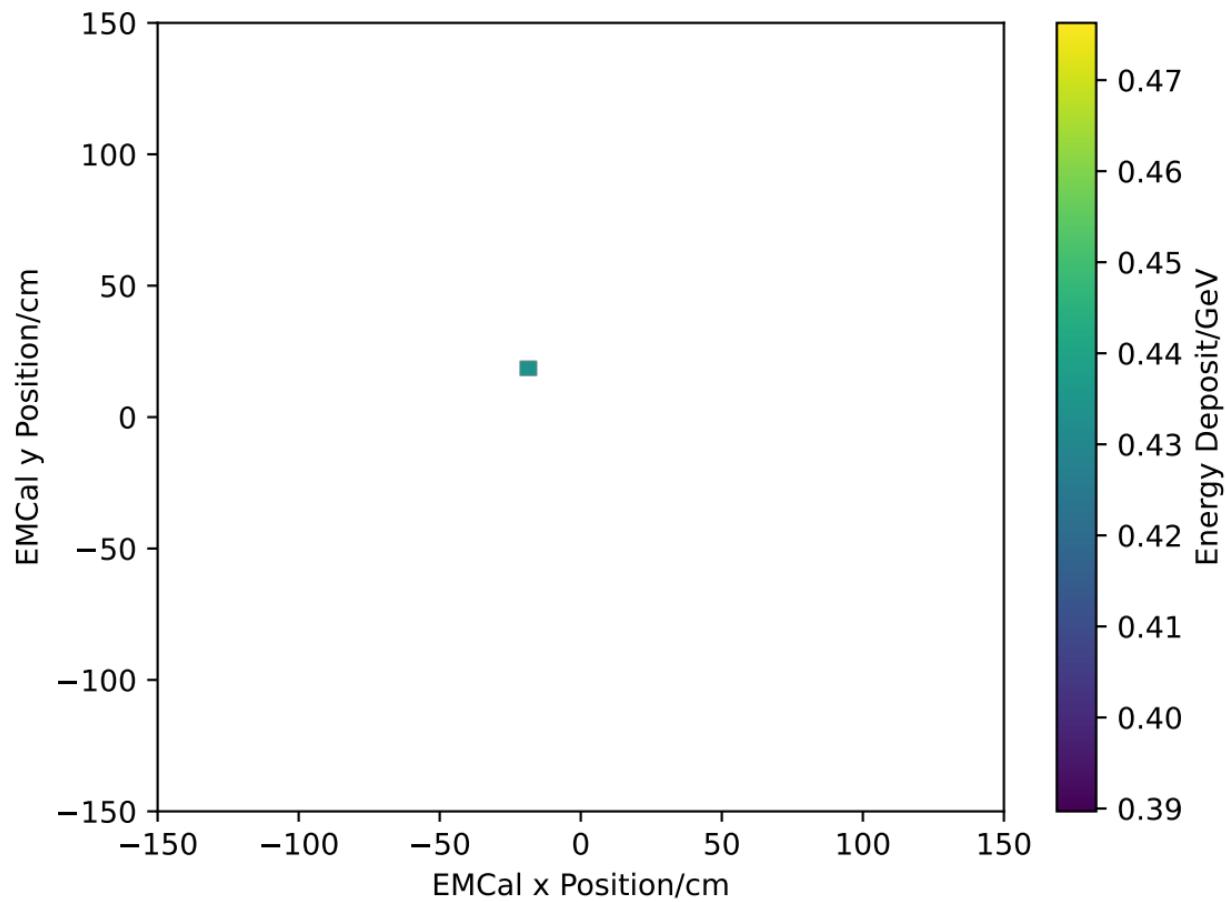


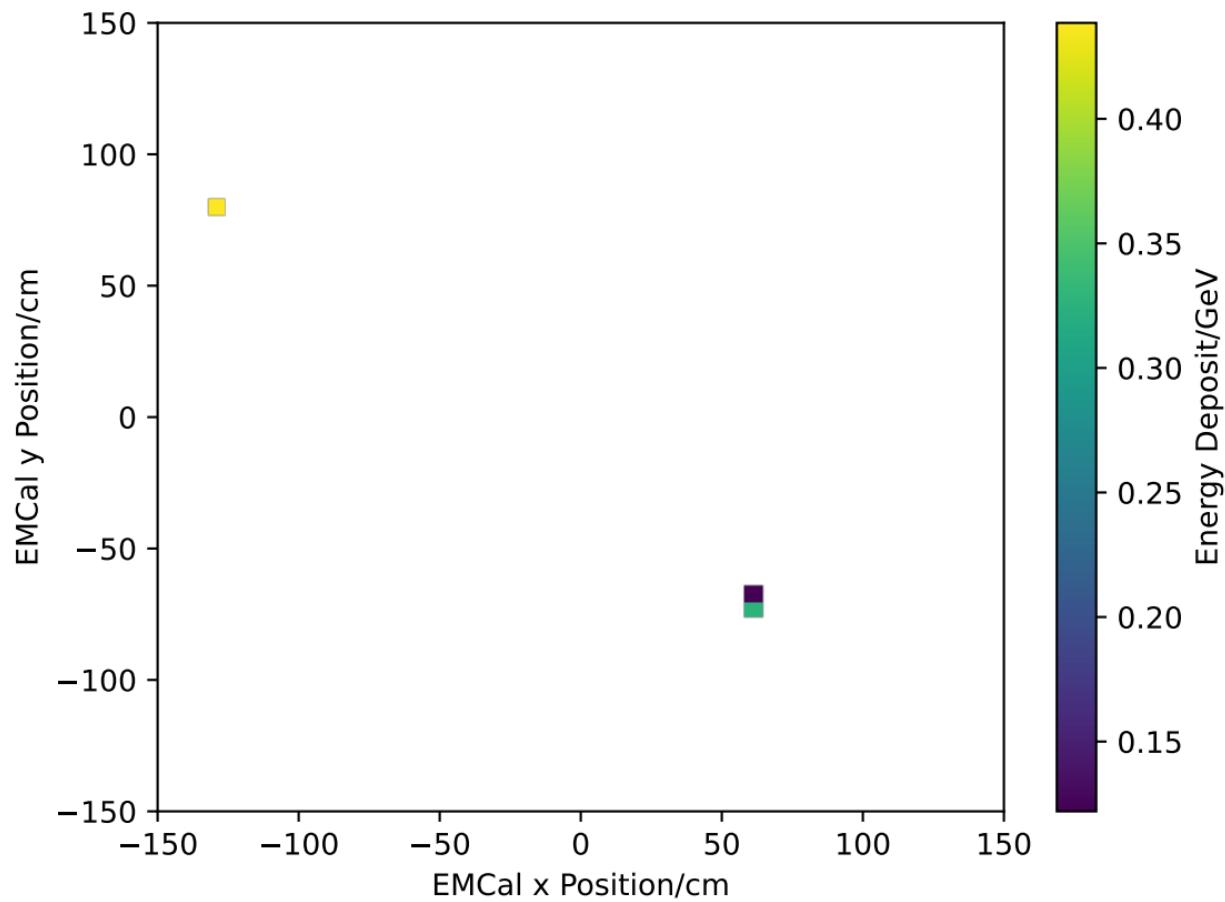


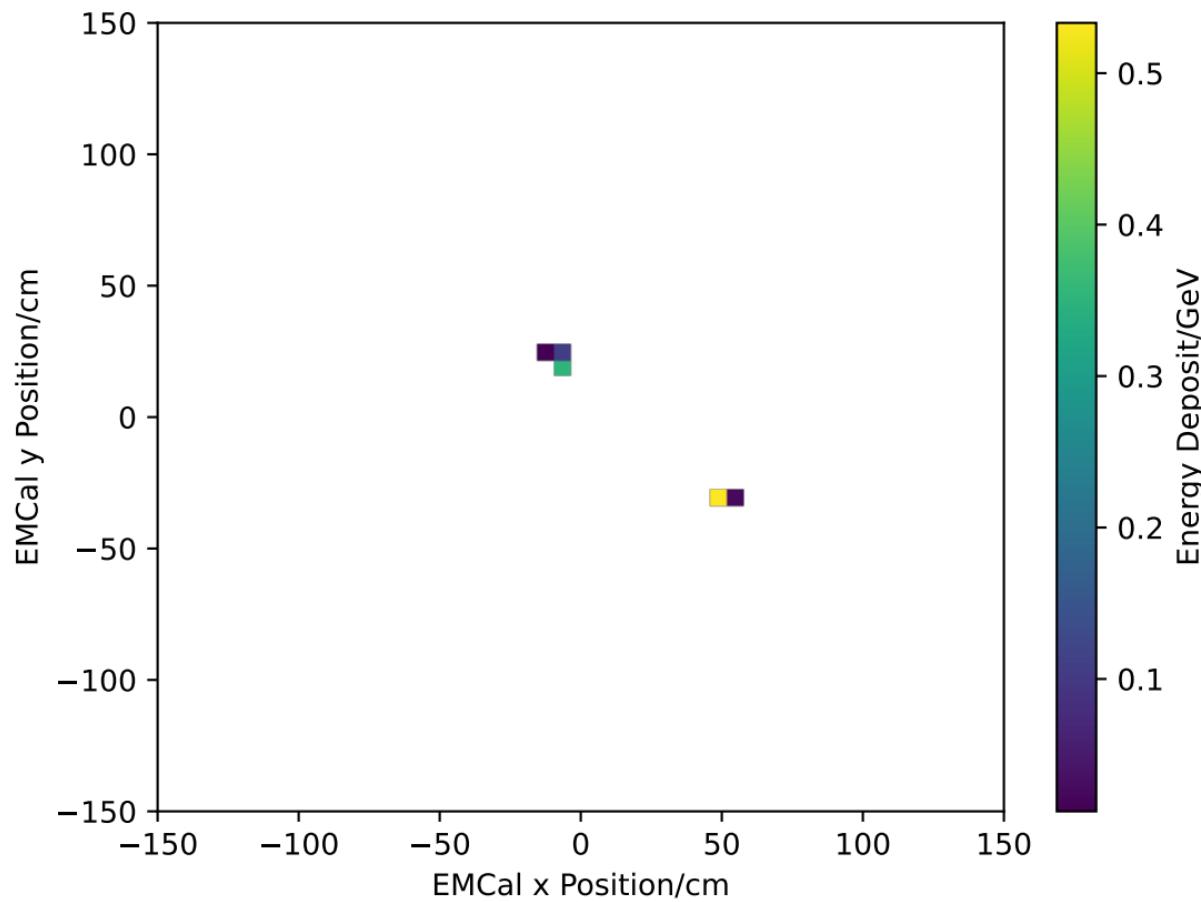


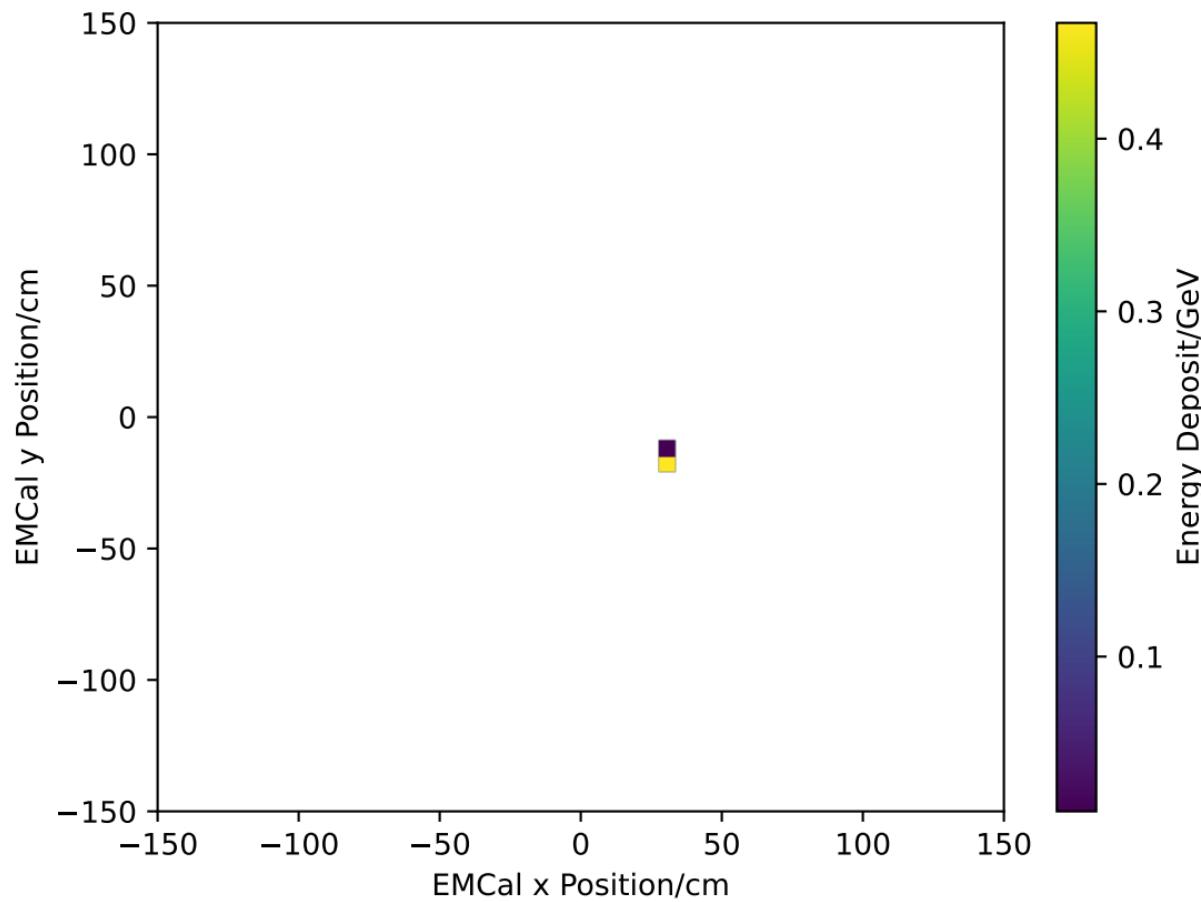


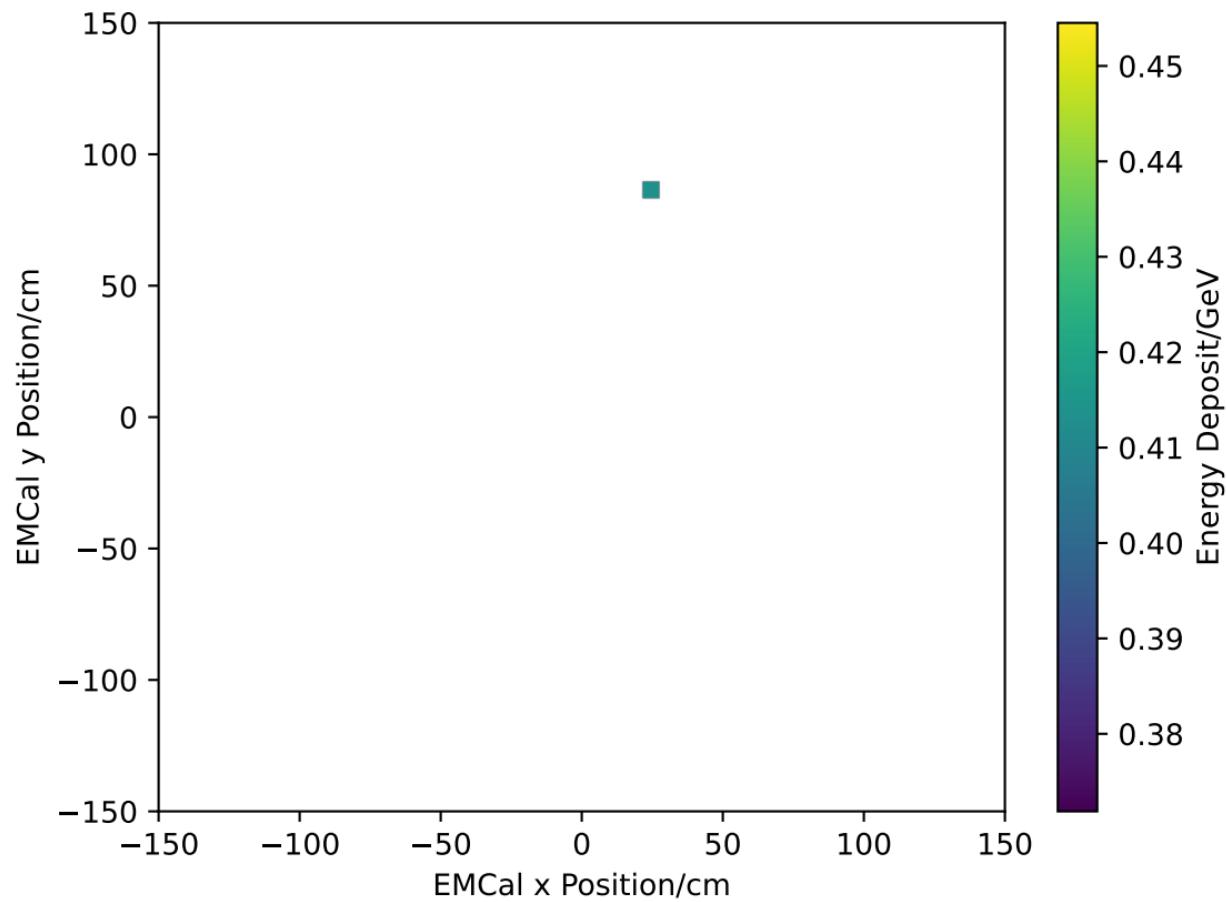


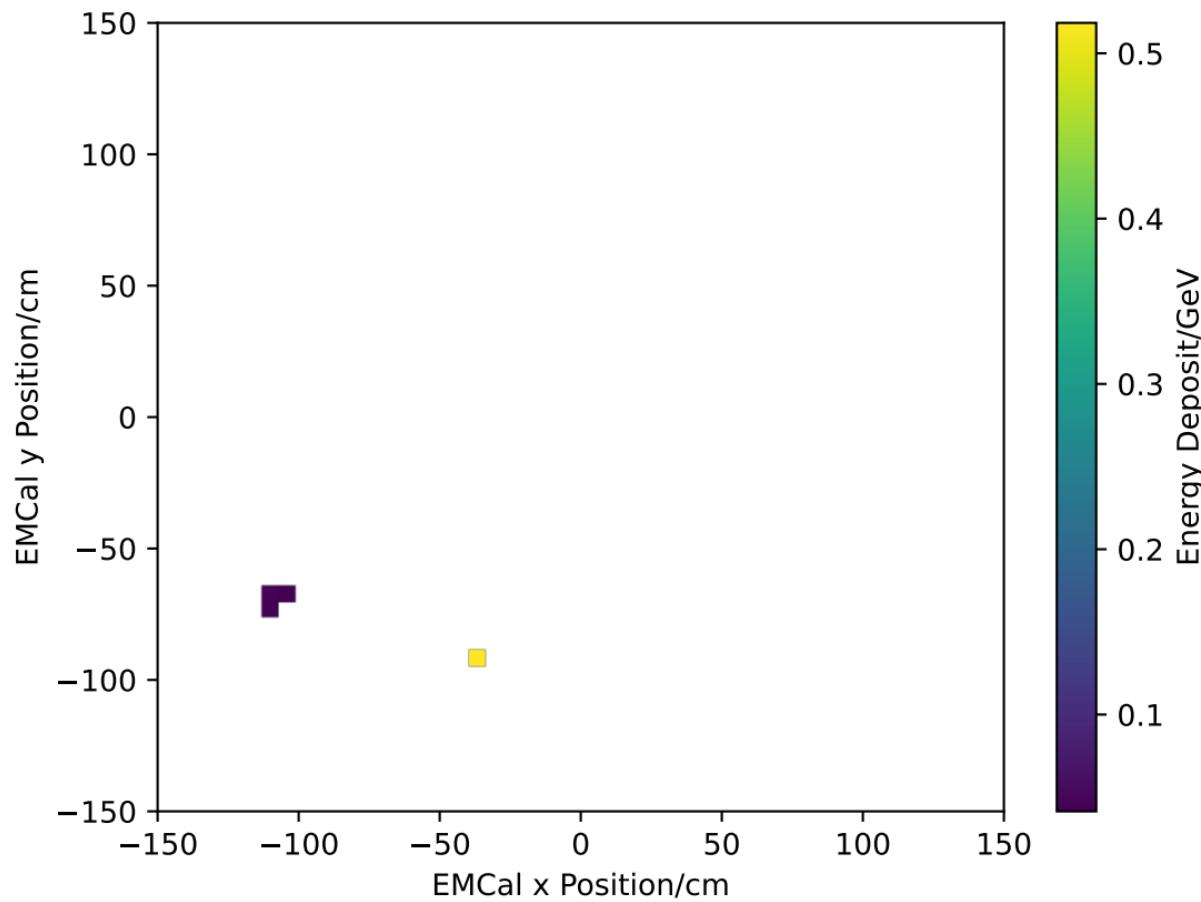




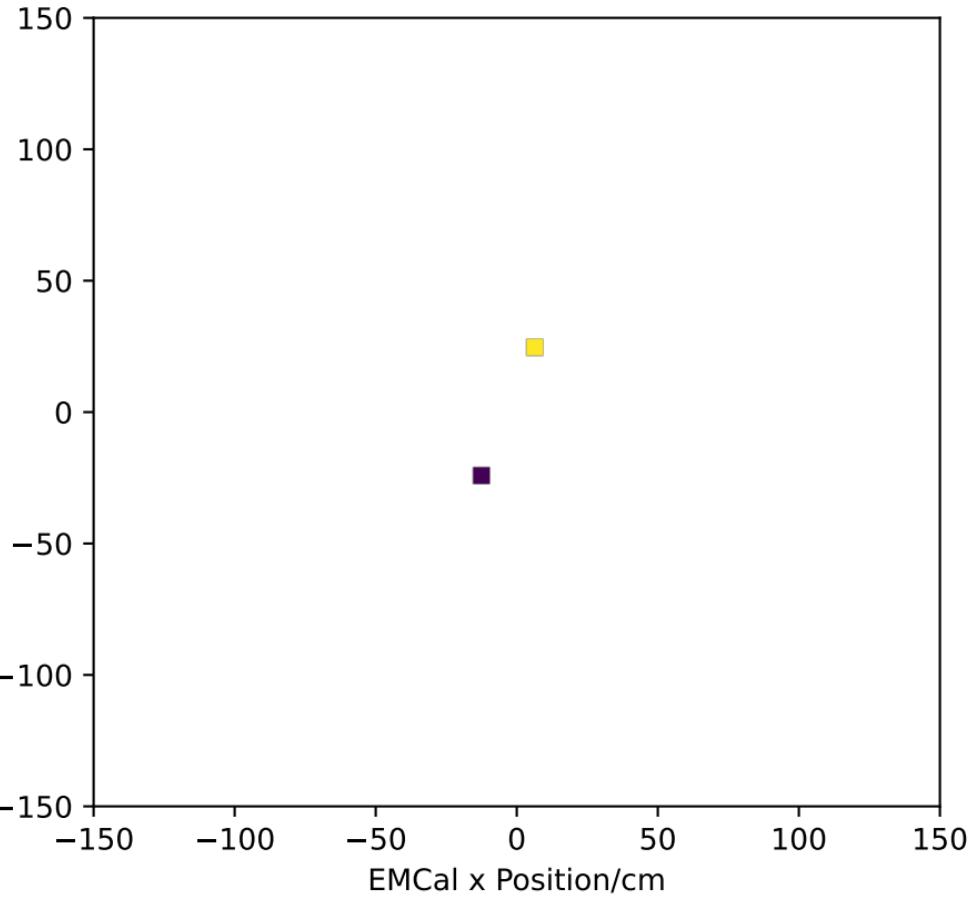






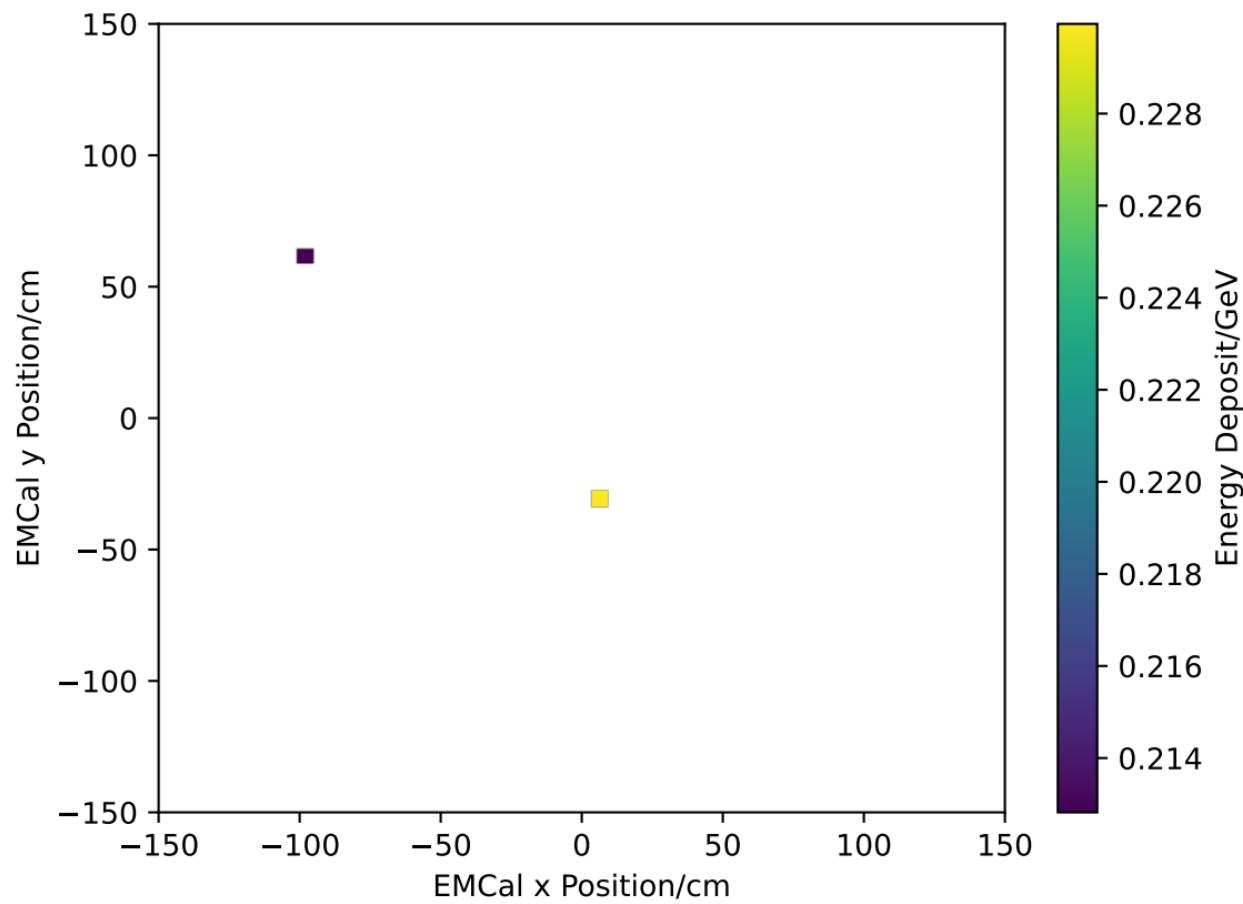


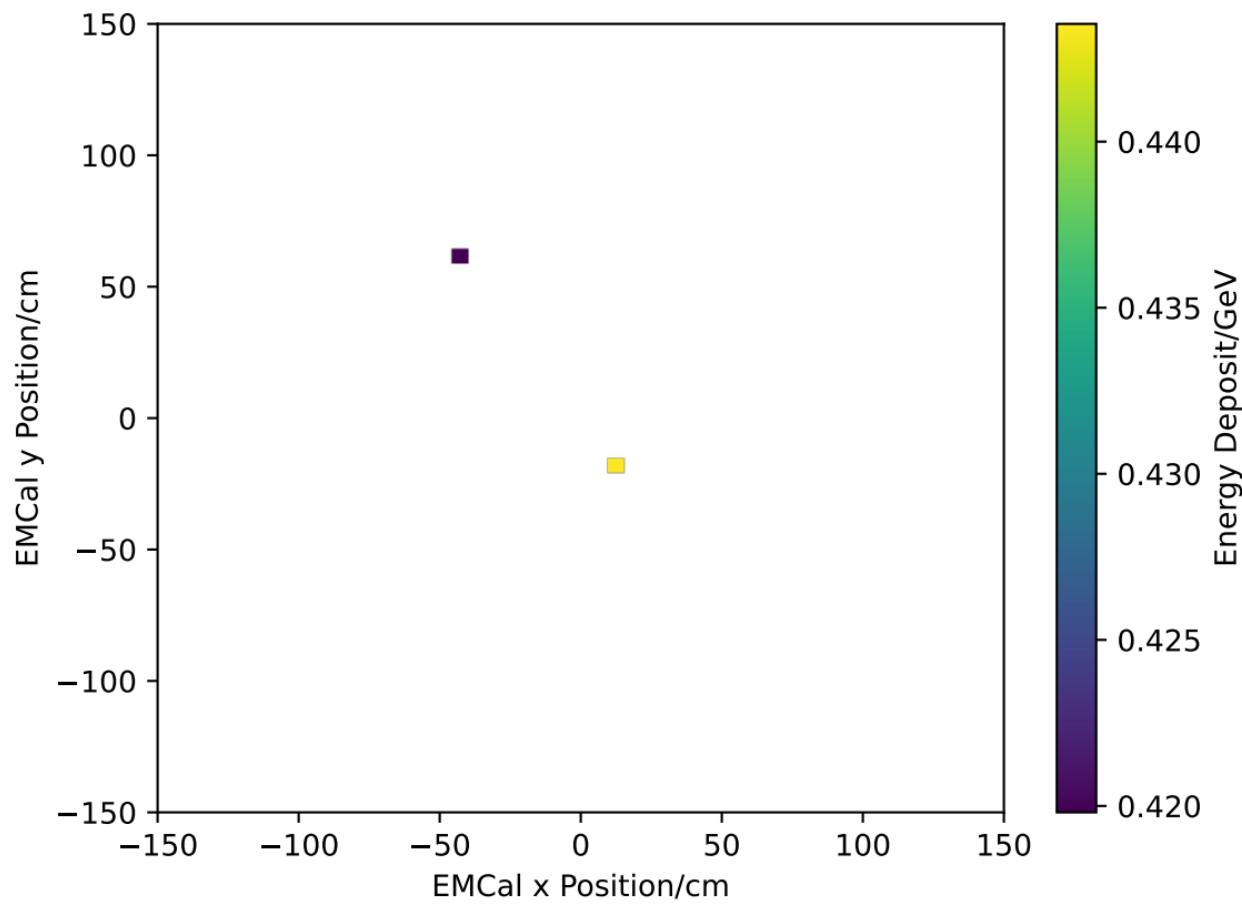
EMCal y Position/cm

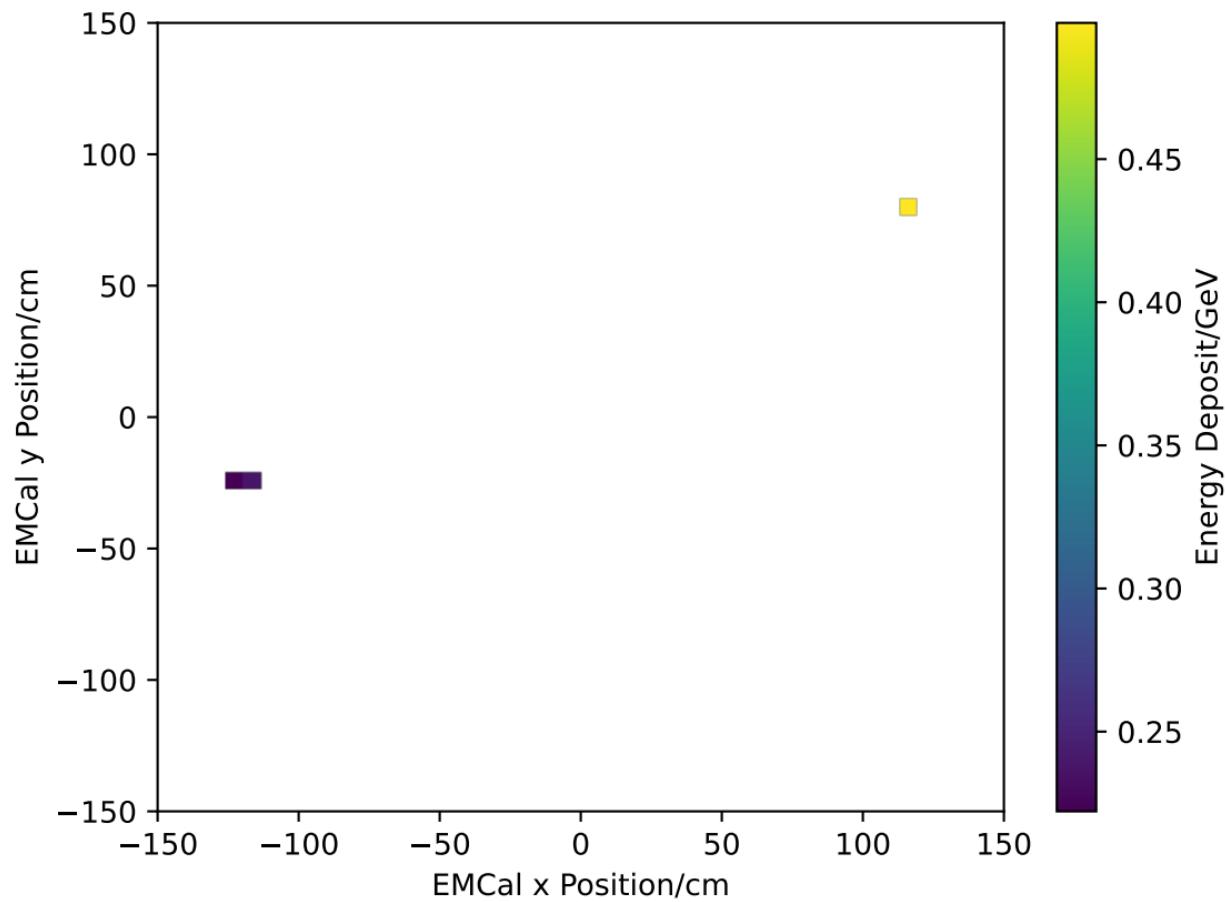


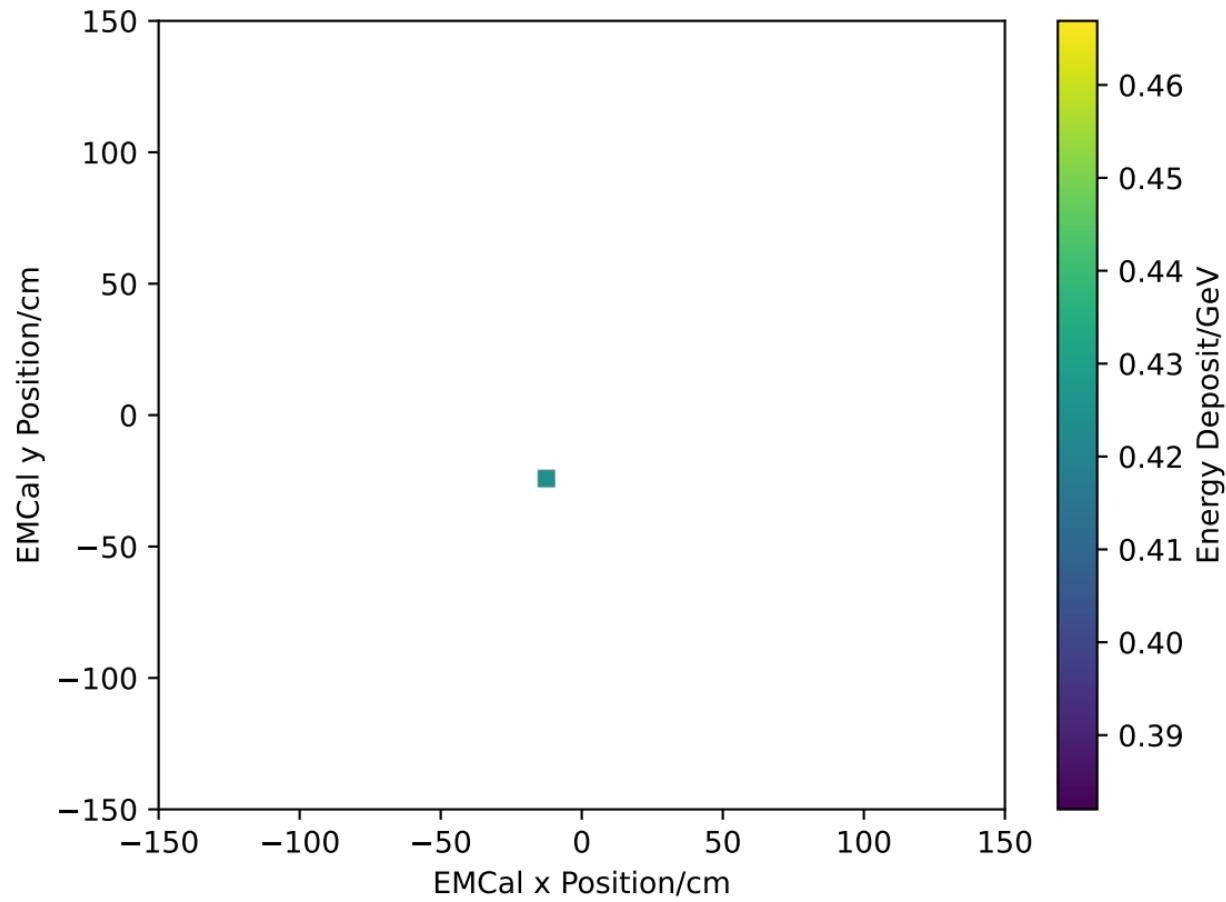
EMCal x Position/cm

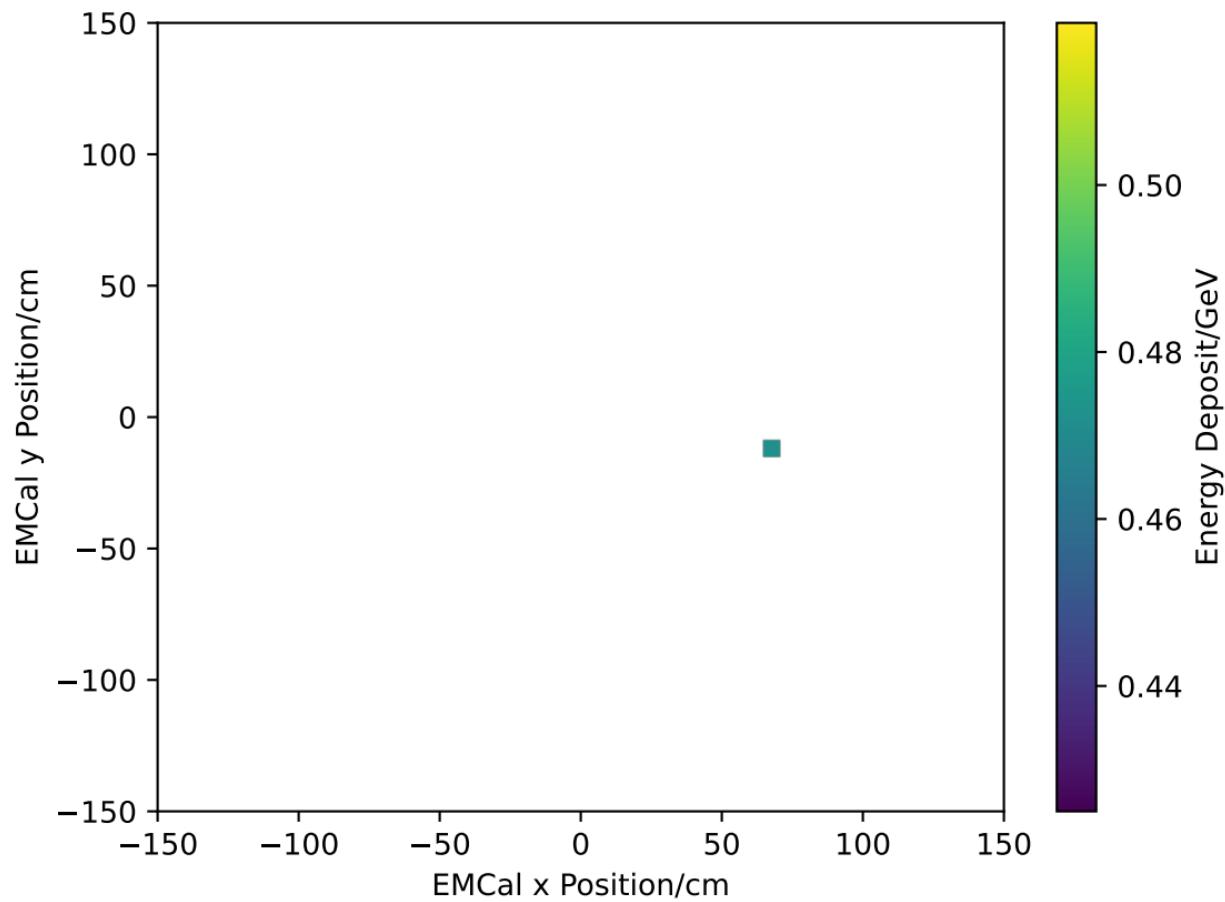
Energy Deposit/GeV

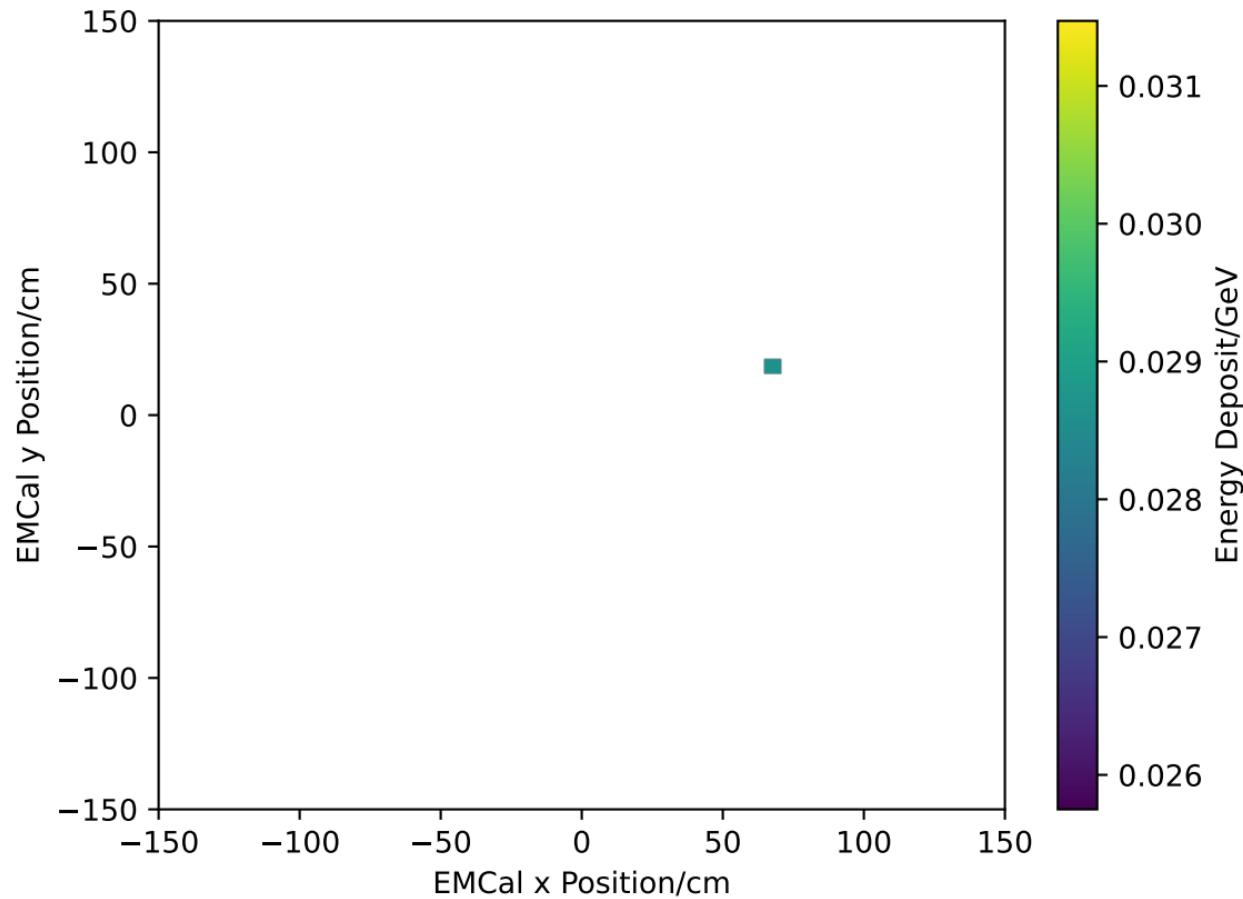


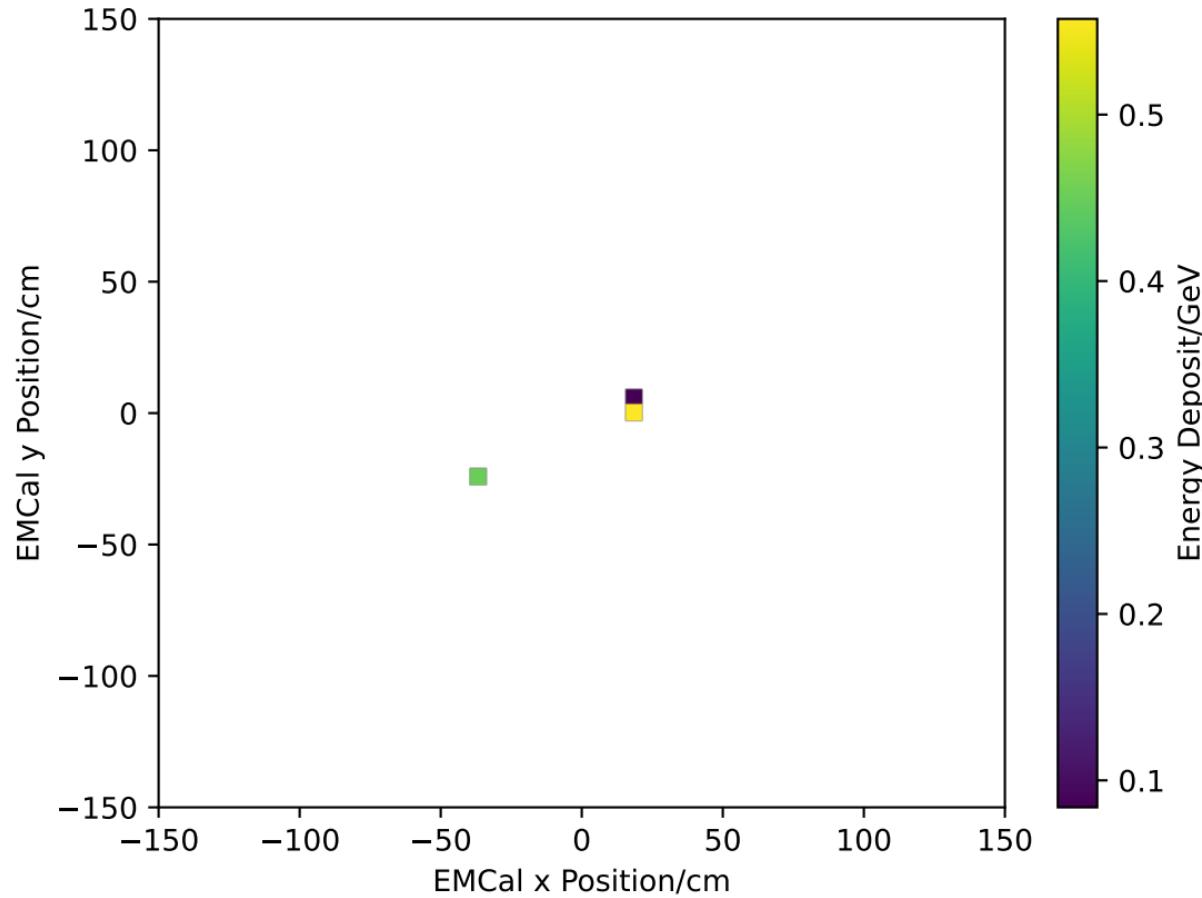


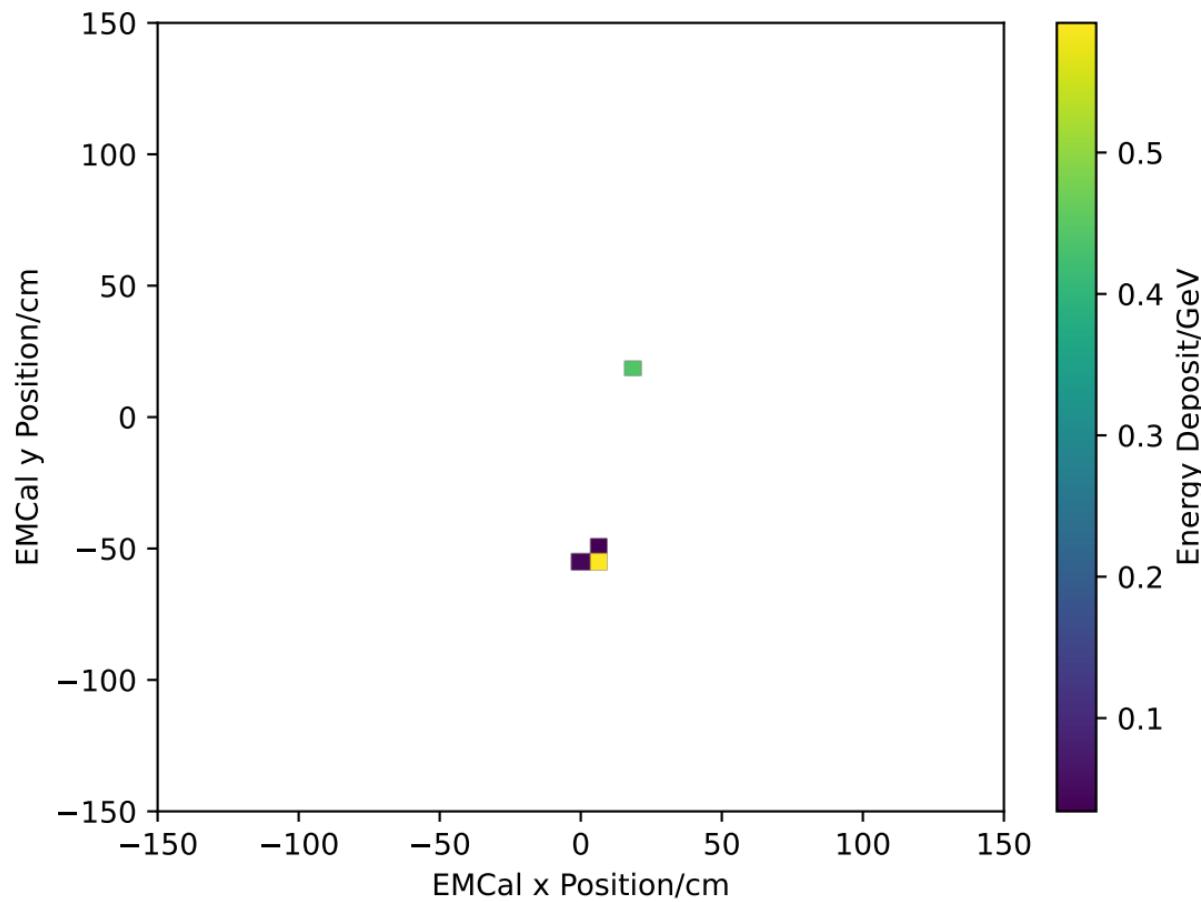


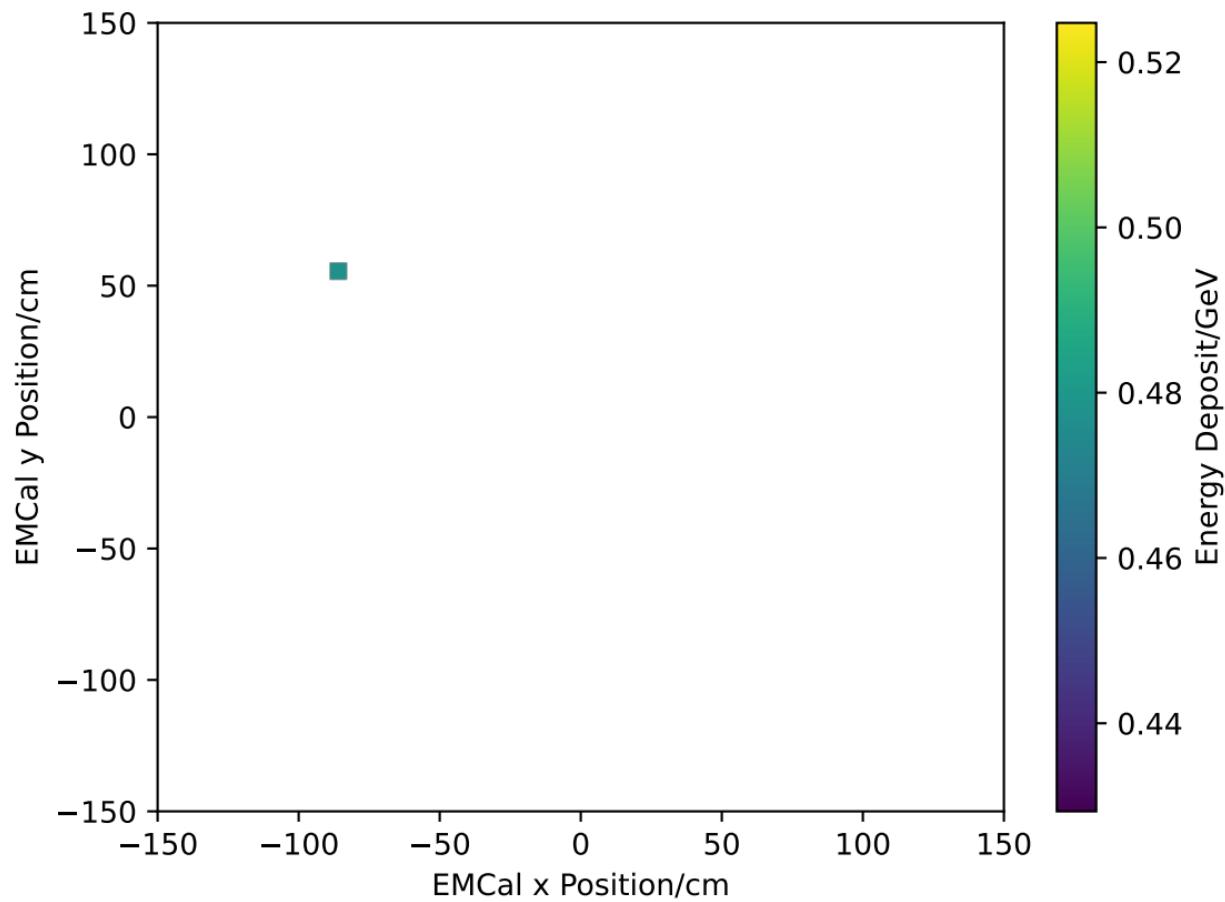


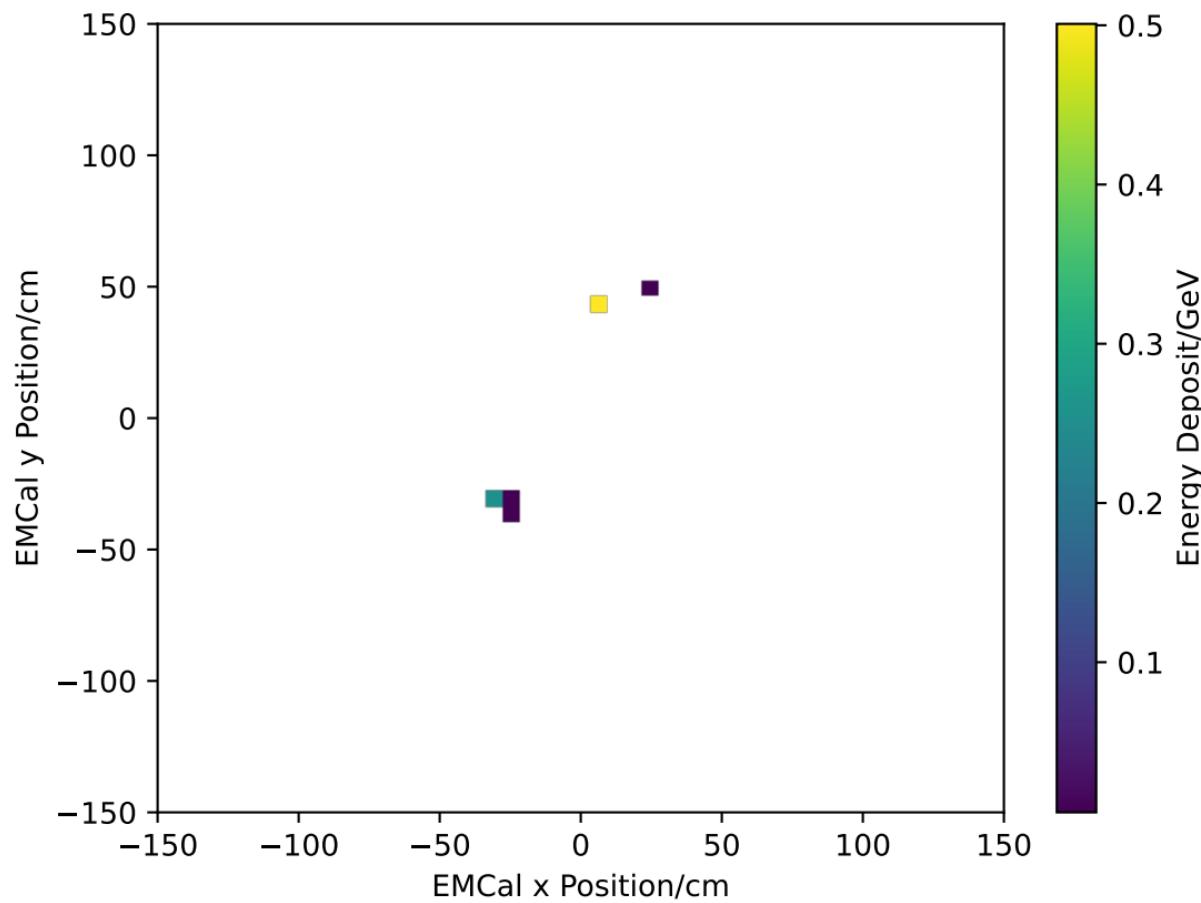


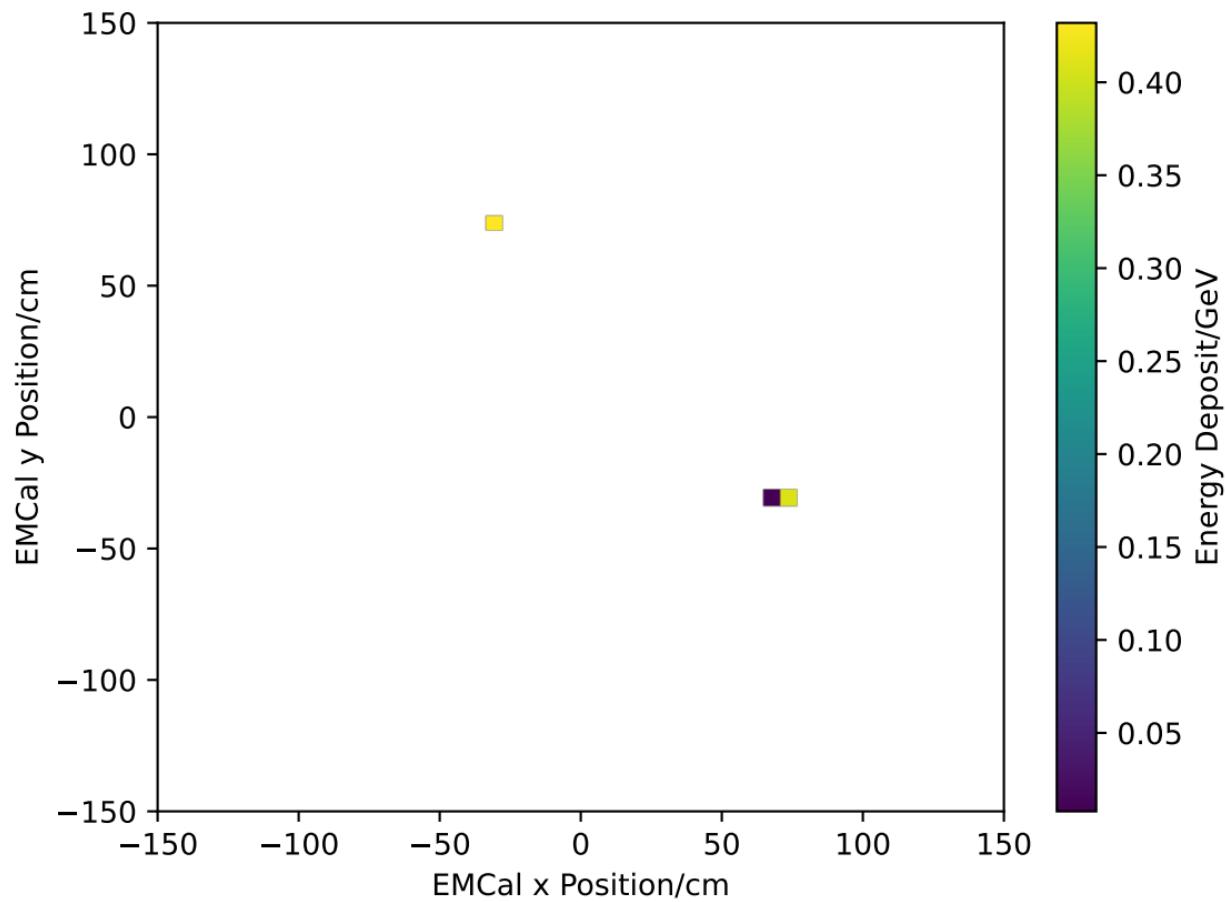












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

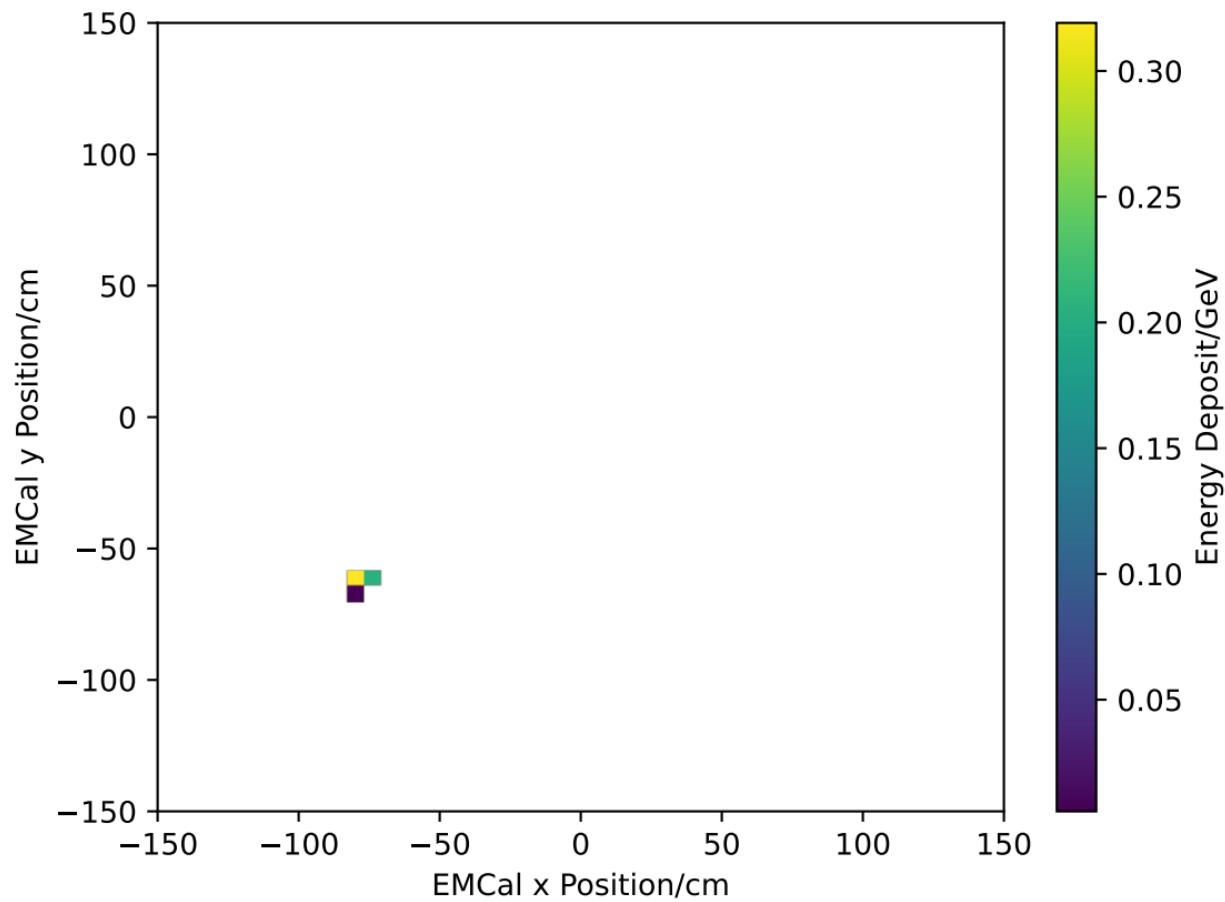
0.50

0.48

0.46

0.44

0.42



EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



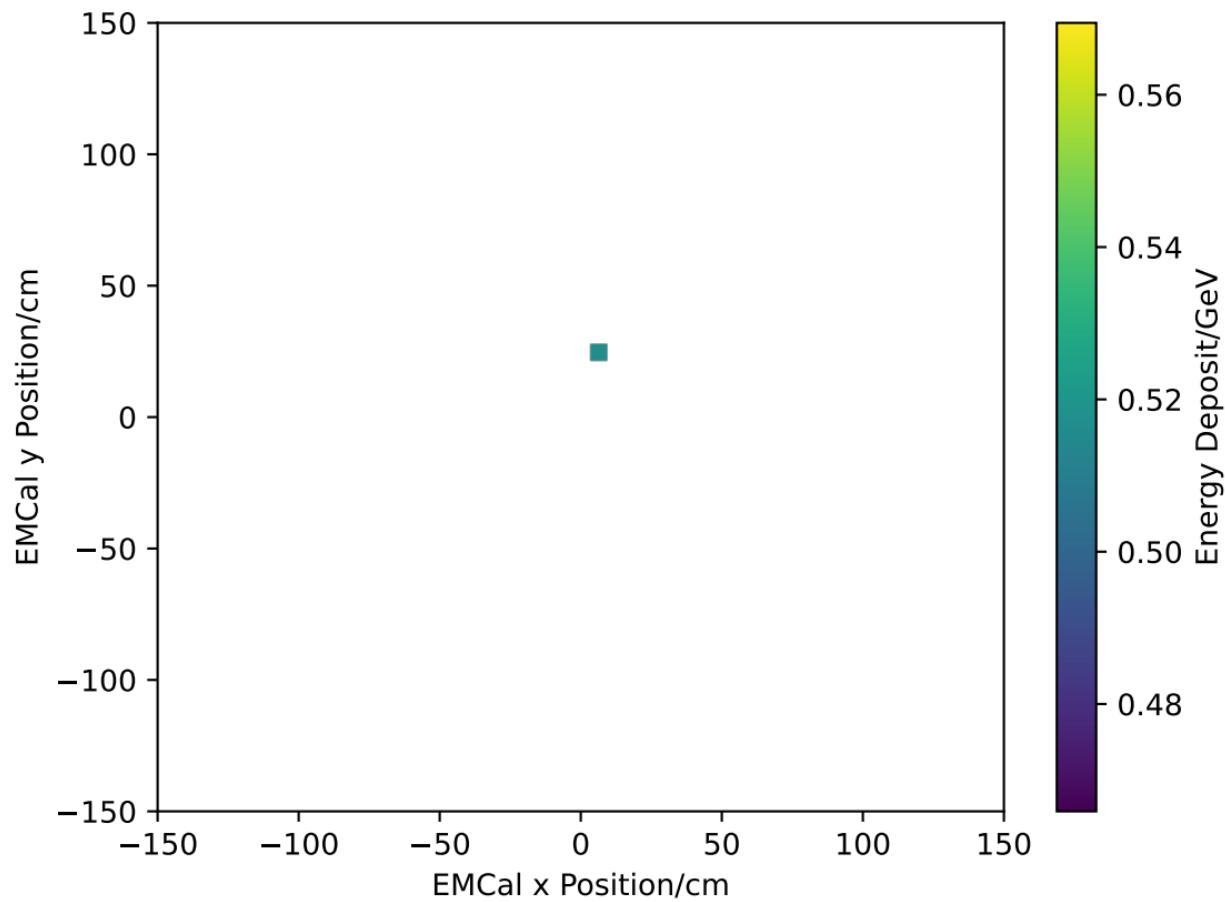
Energy Deposit/GeV

0.48

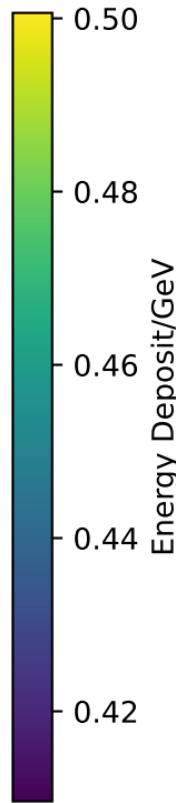
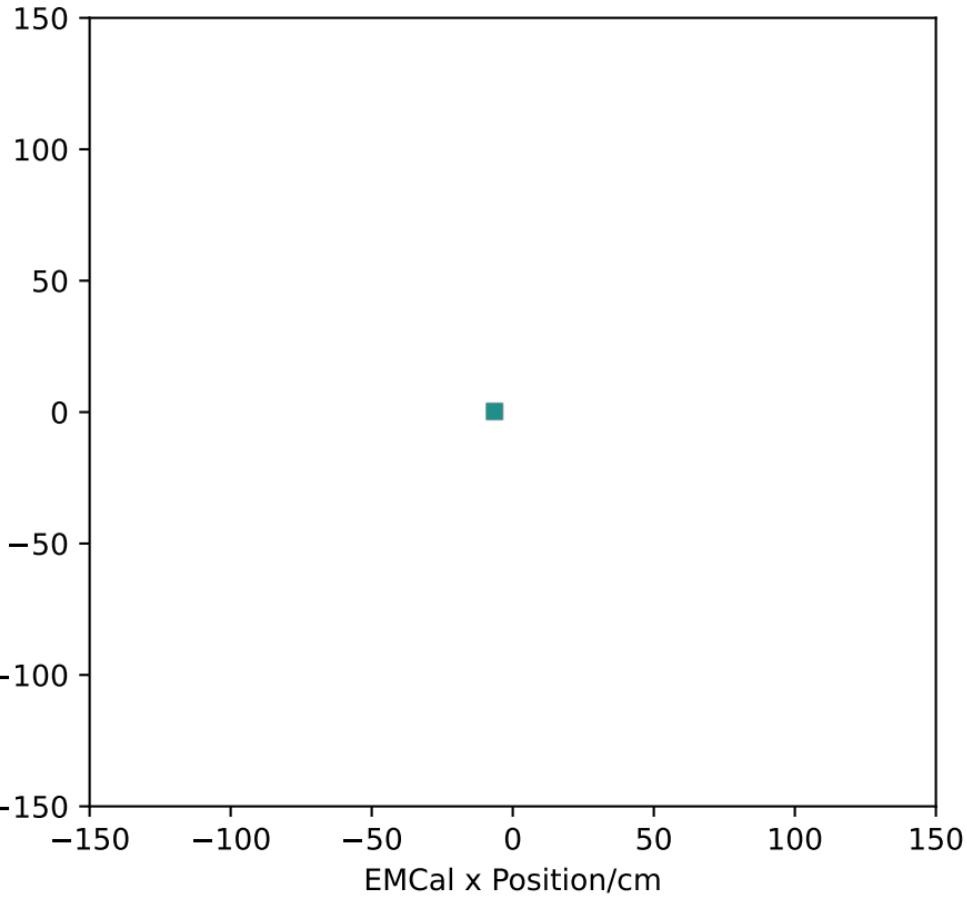
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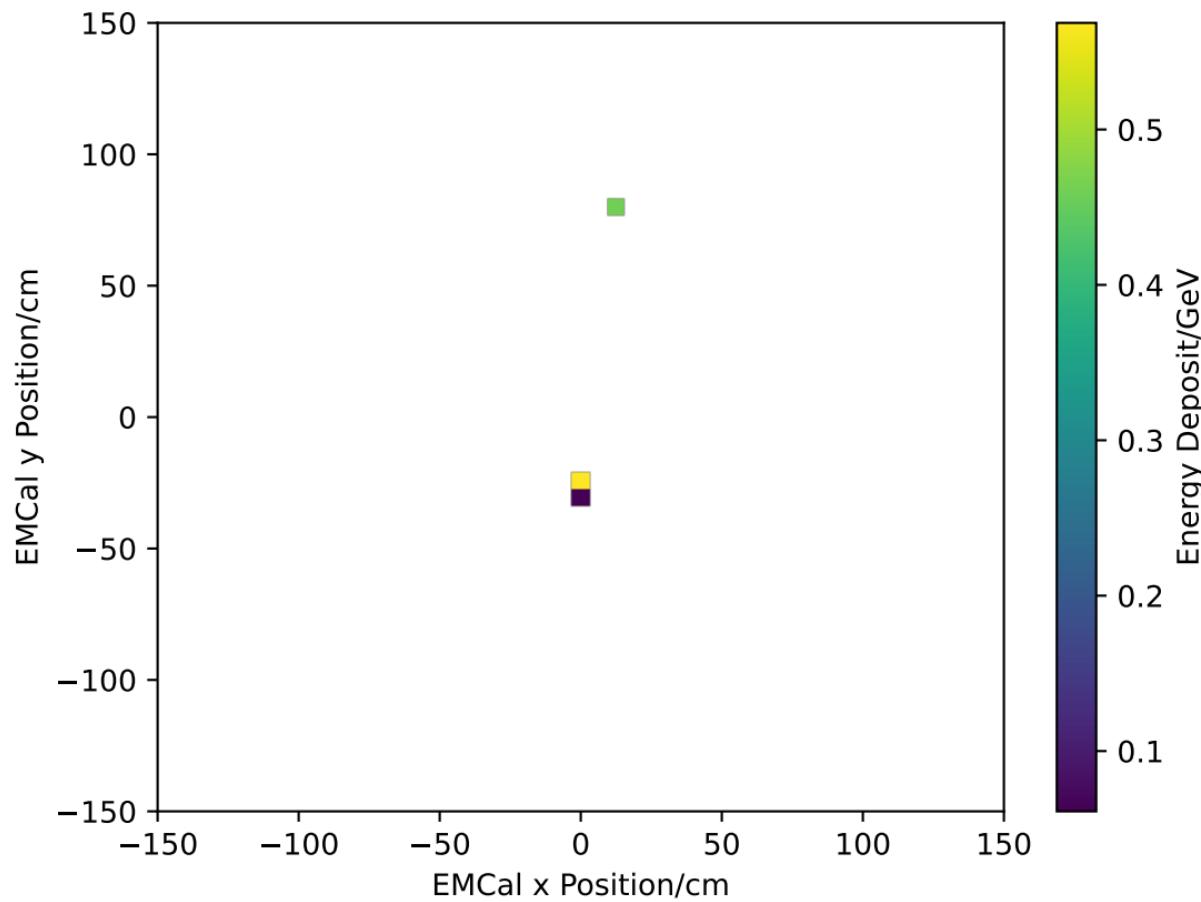
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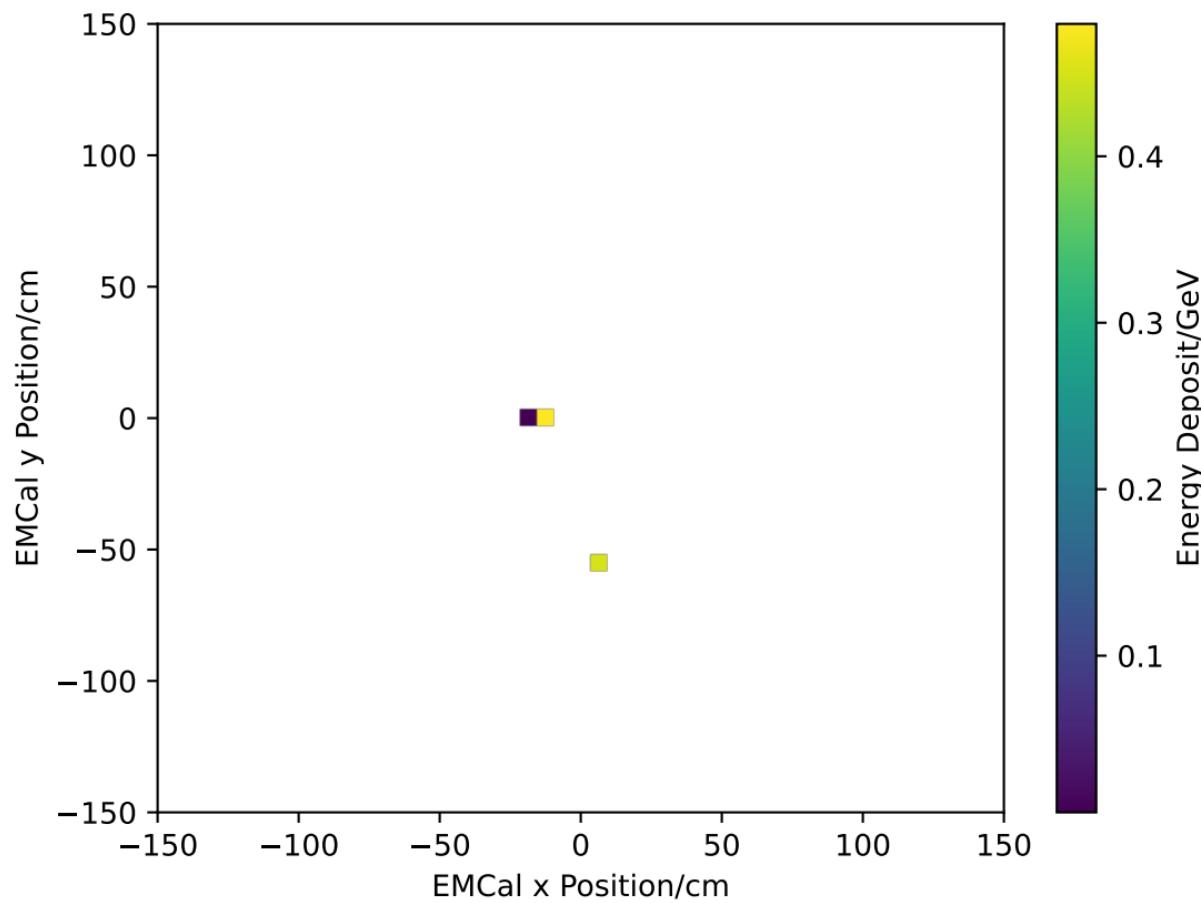
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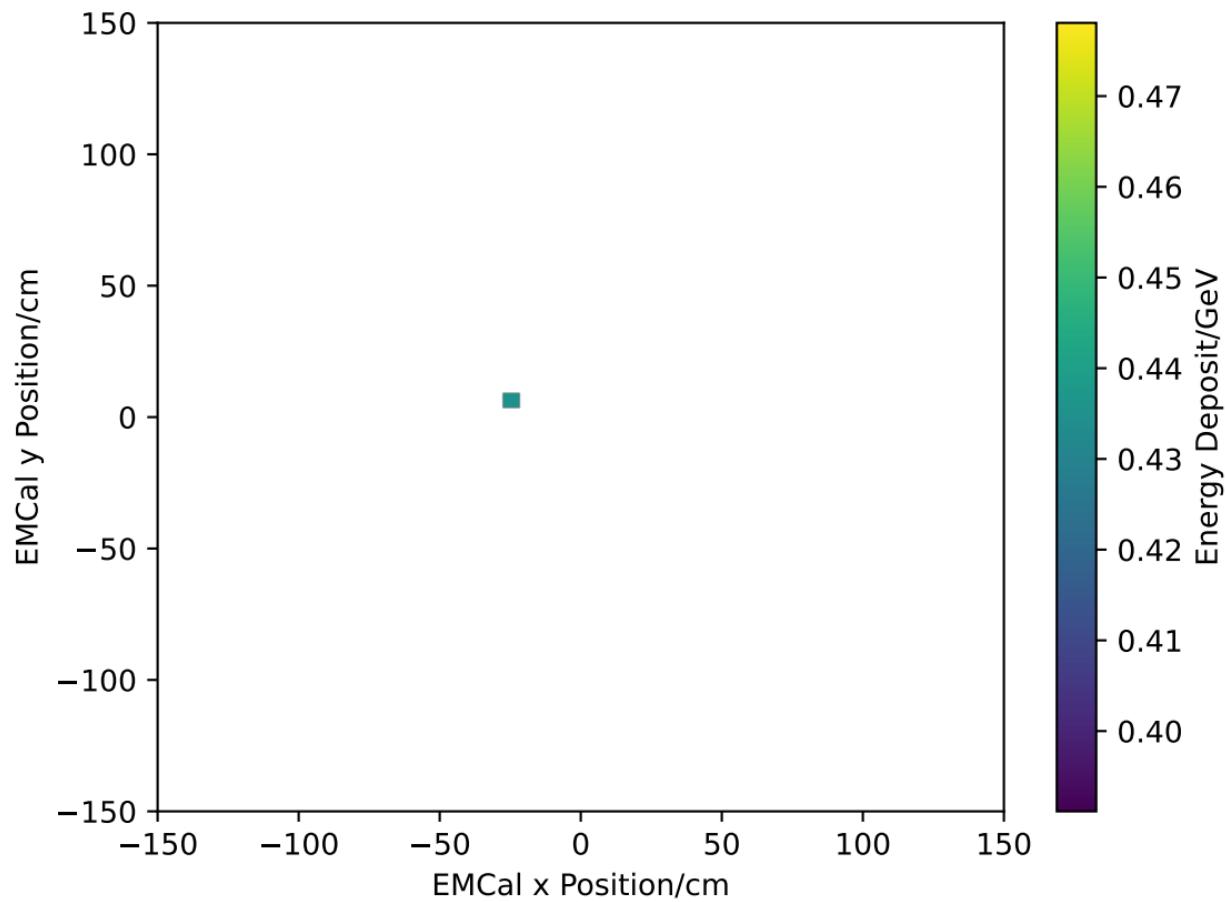


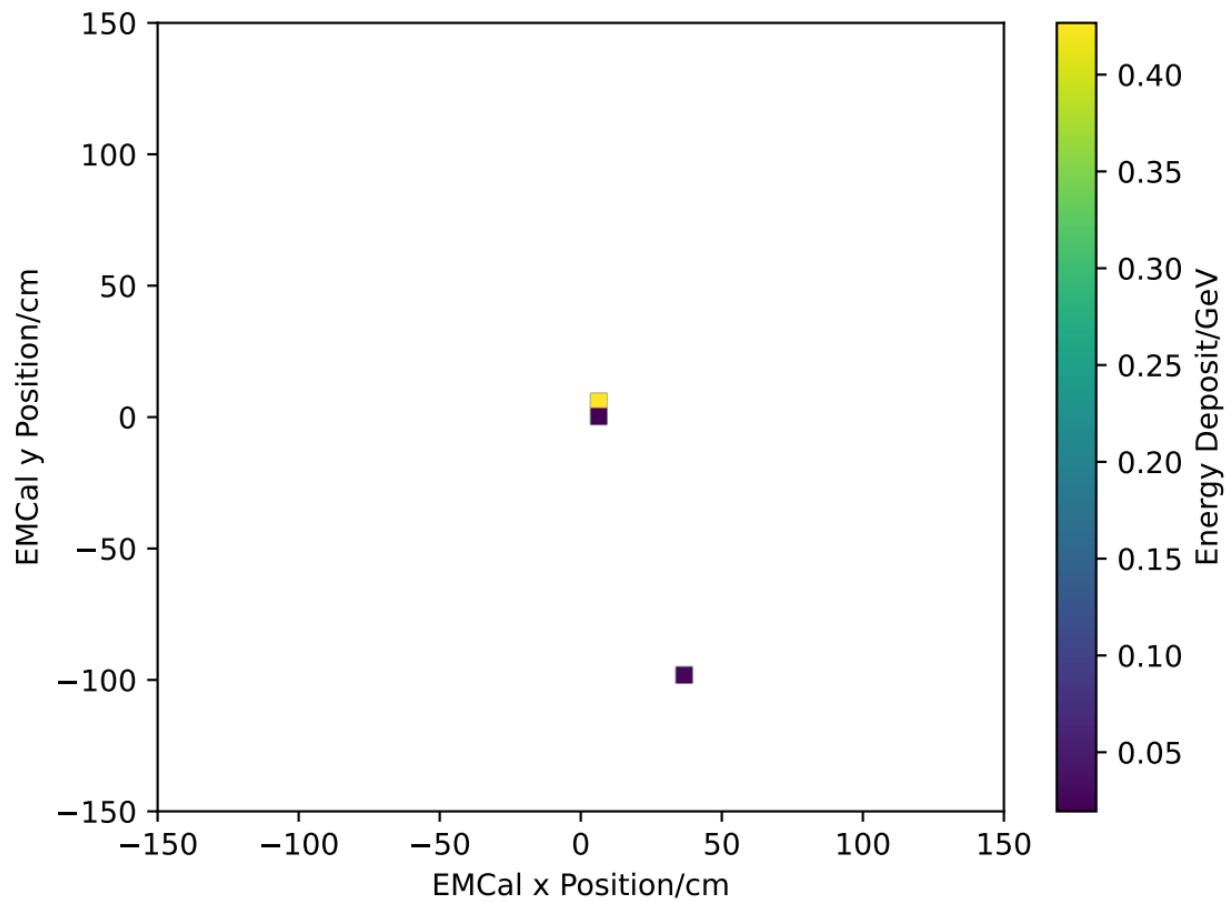
EMCal y Position/cm

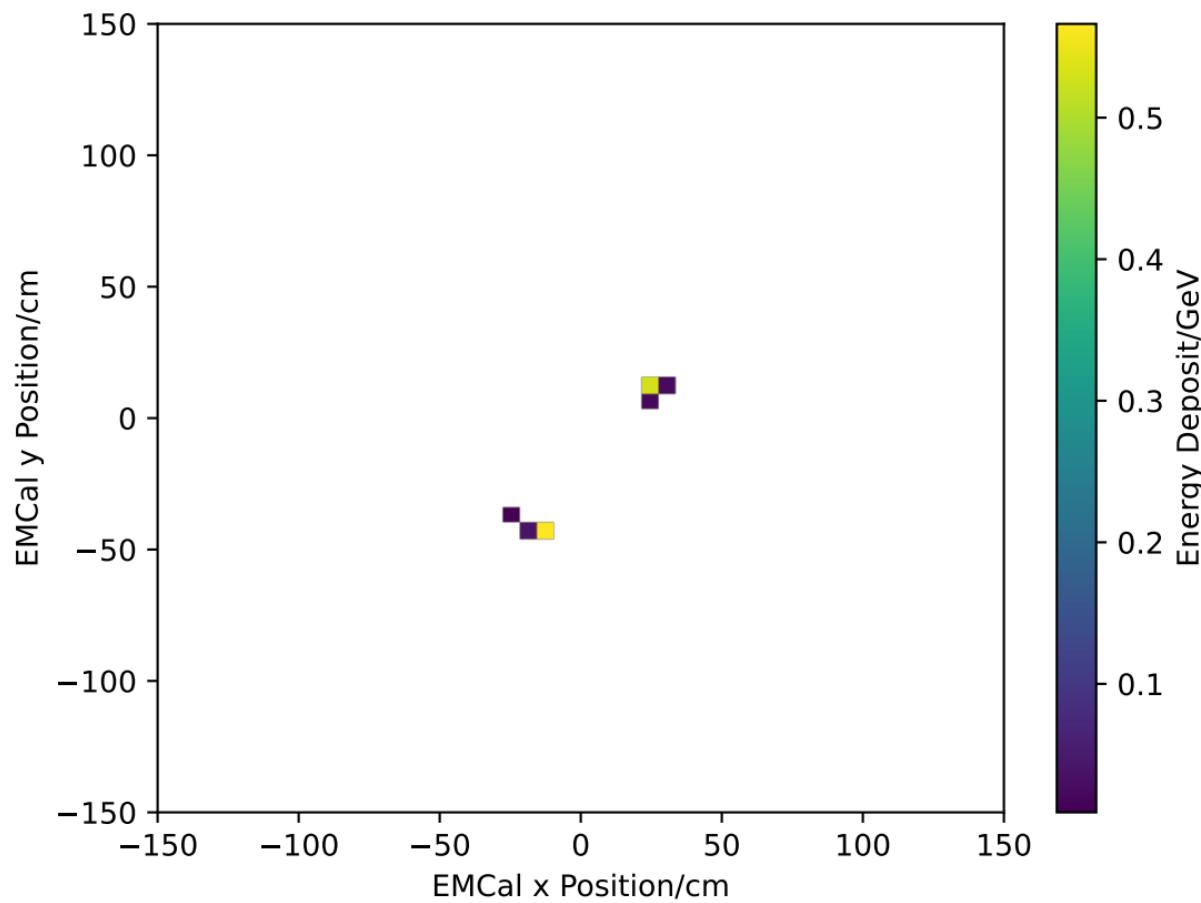












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

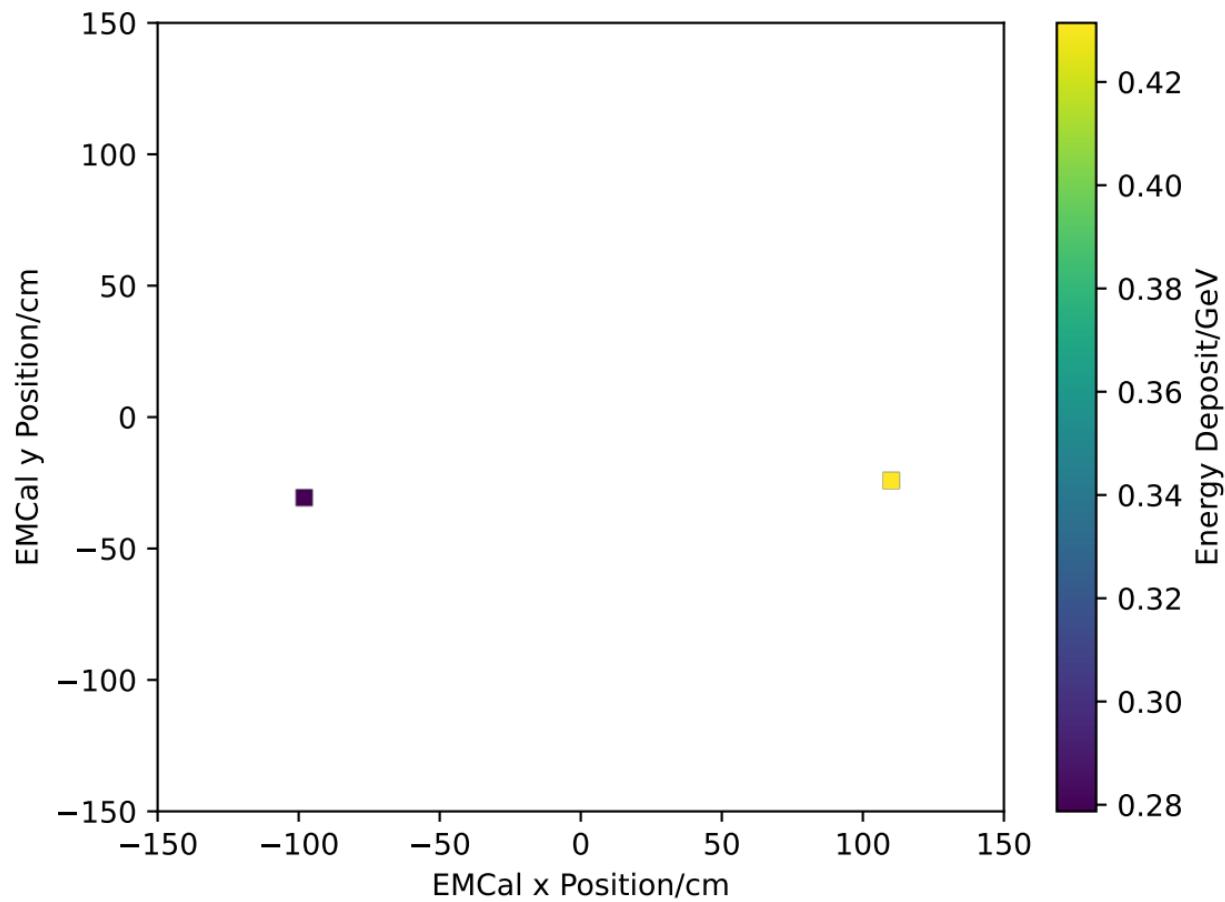
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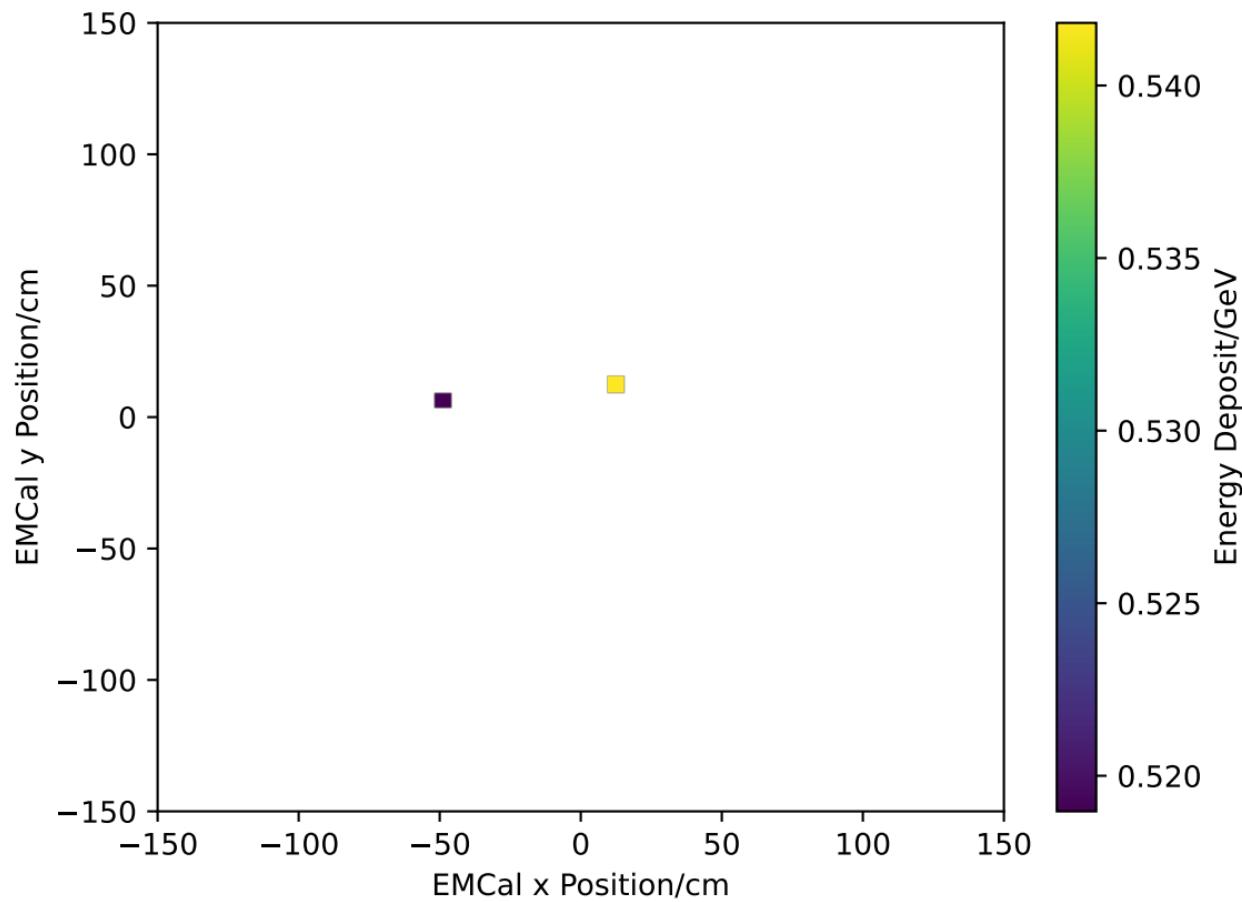
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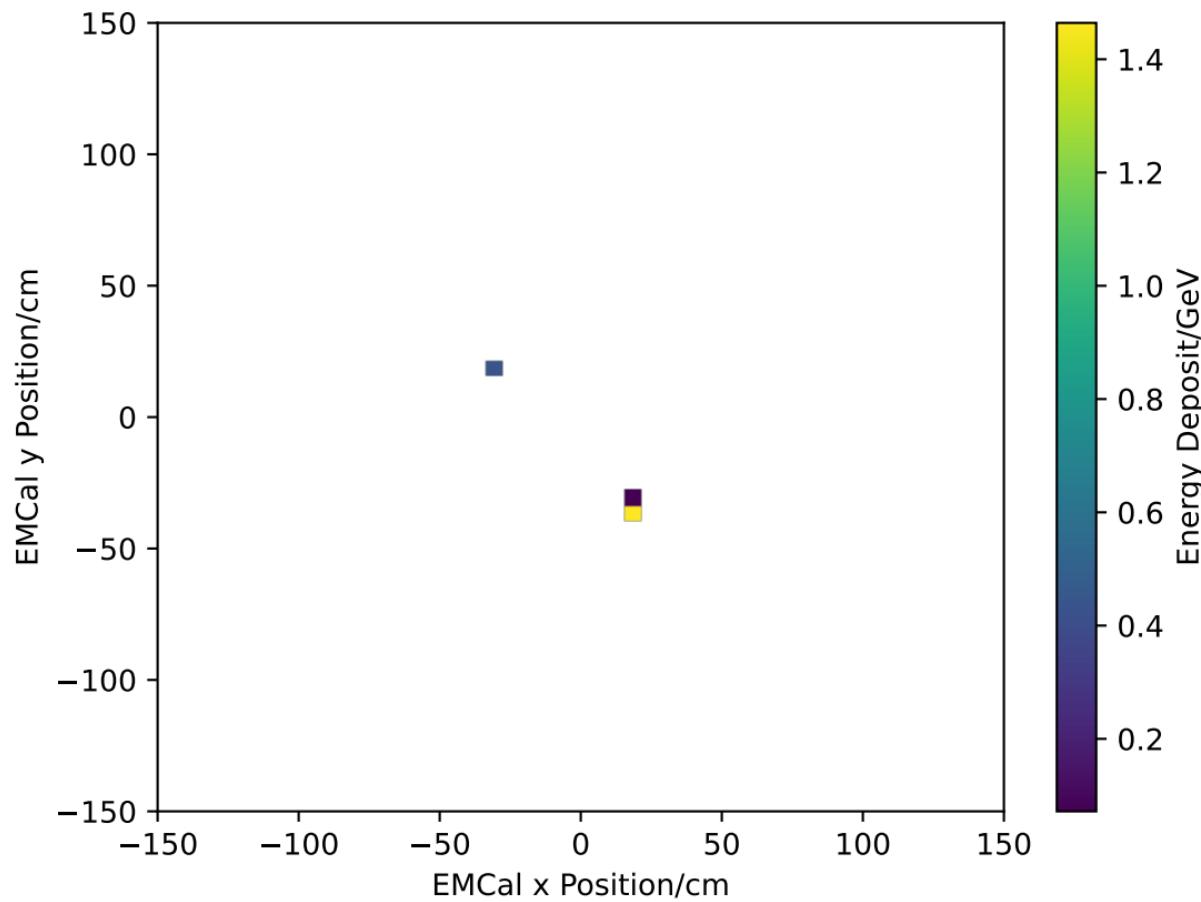
EMCal x Position/cm



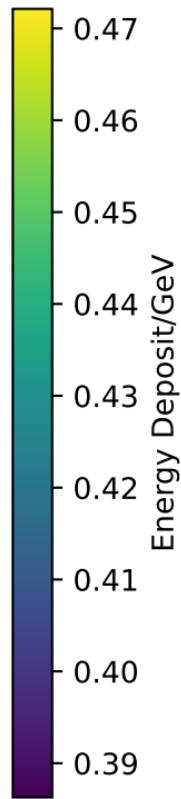
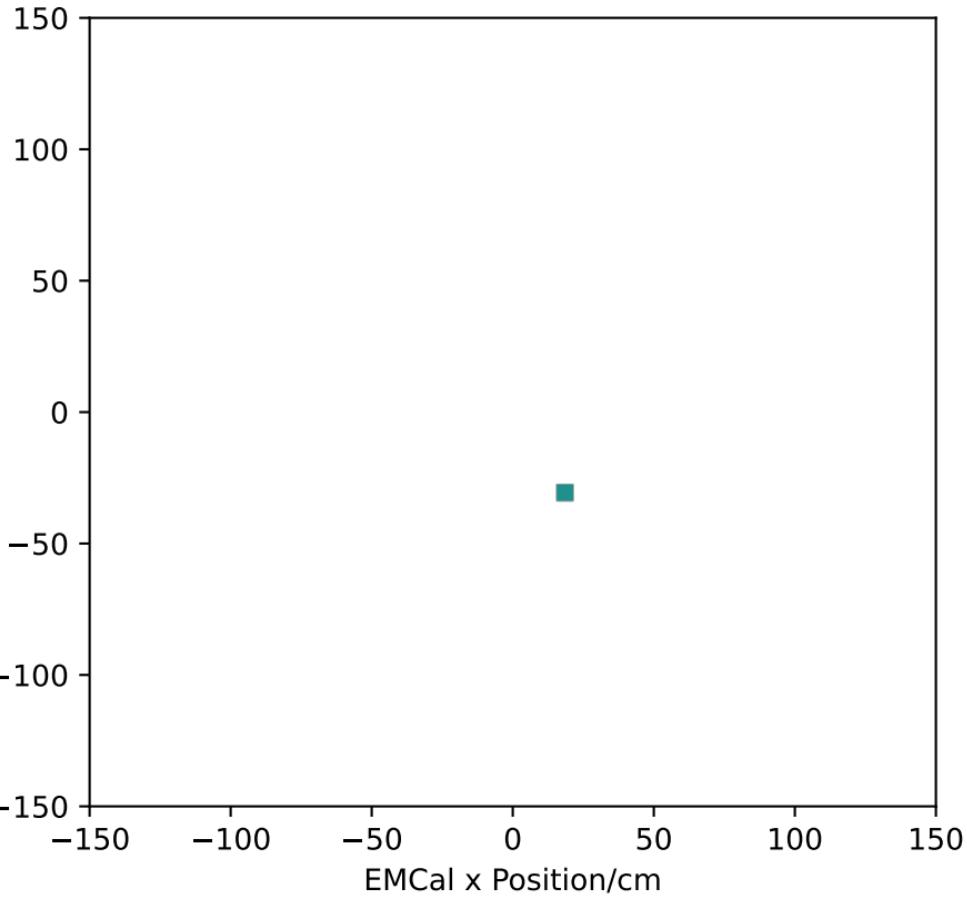
Energy Deposit/GeV

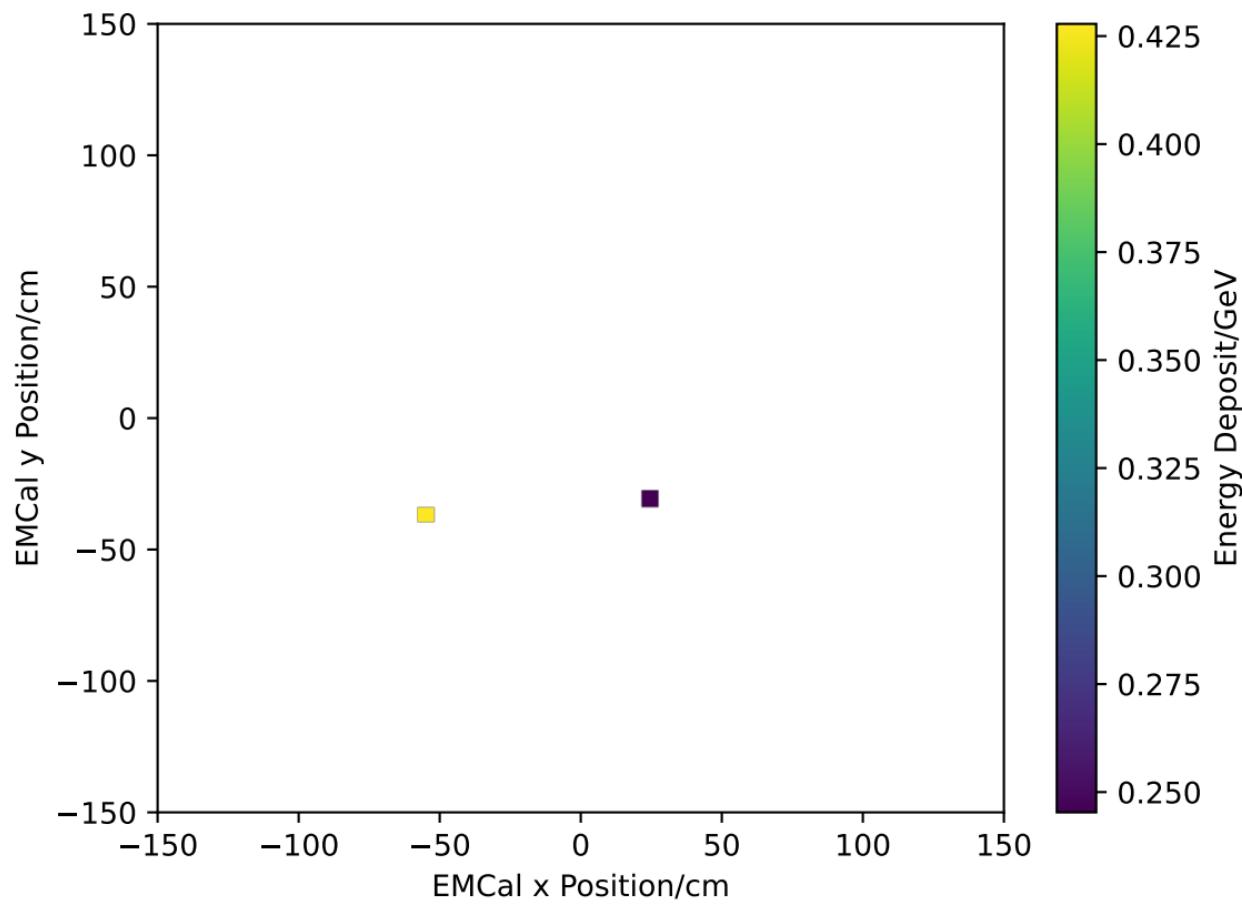


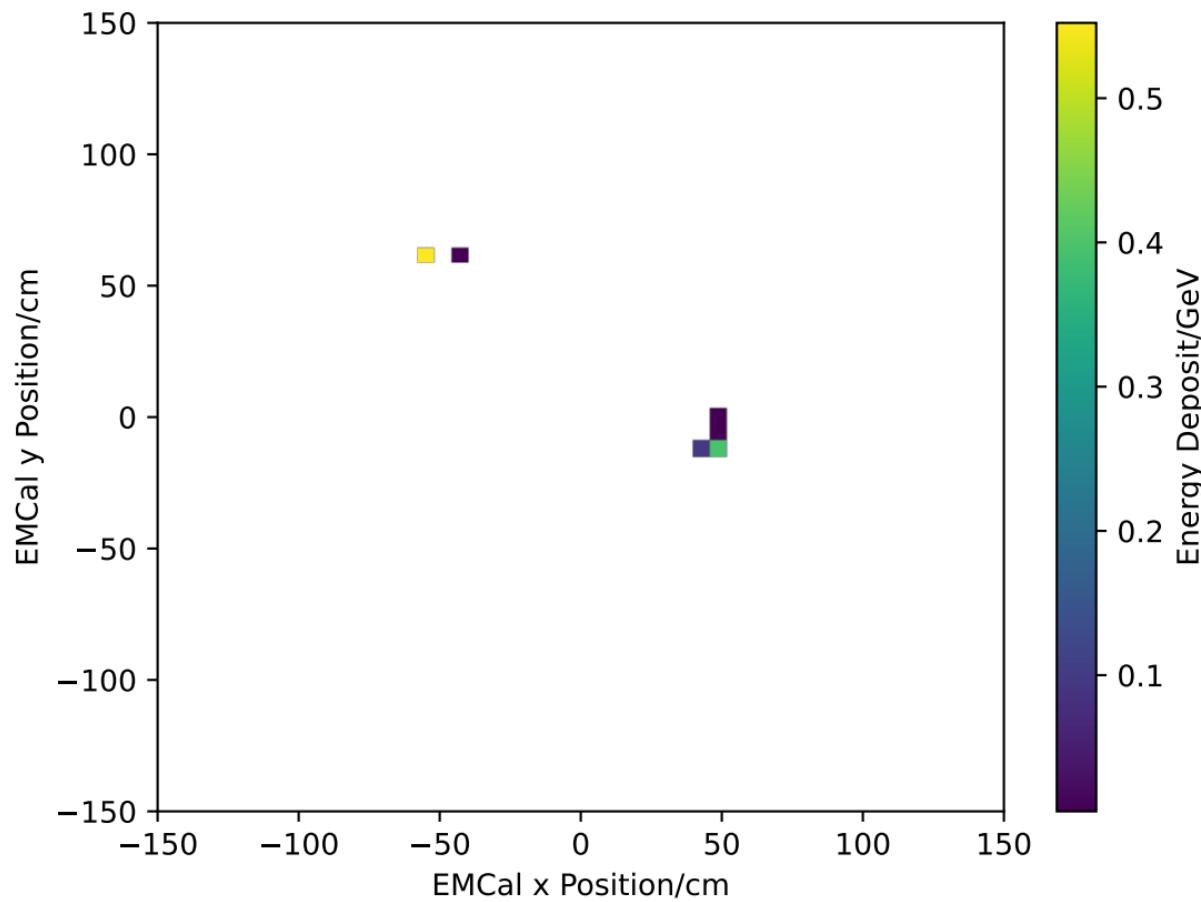


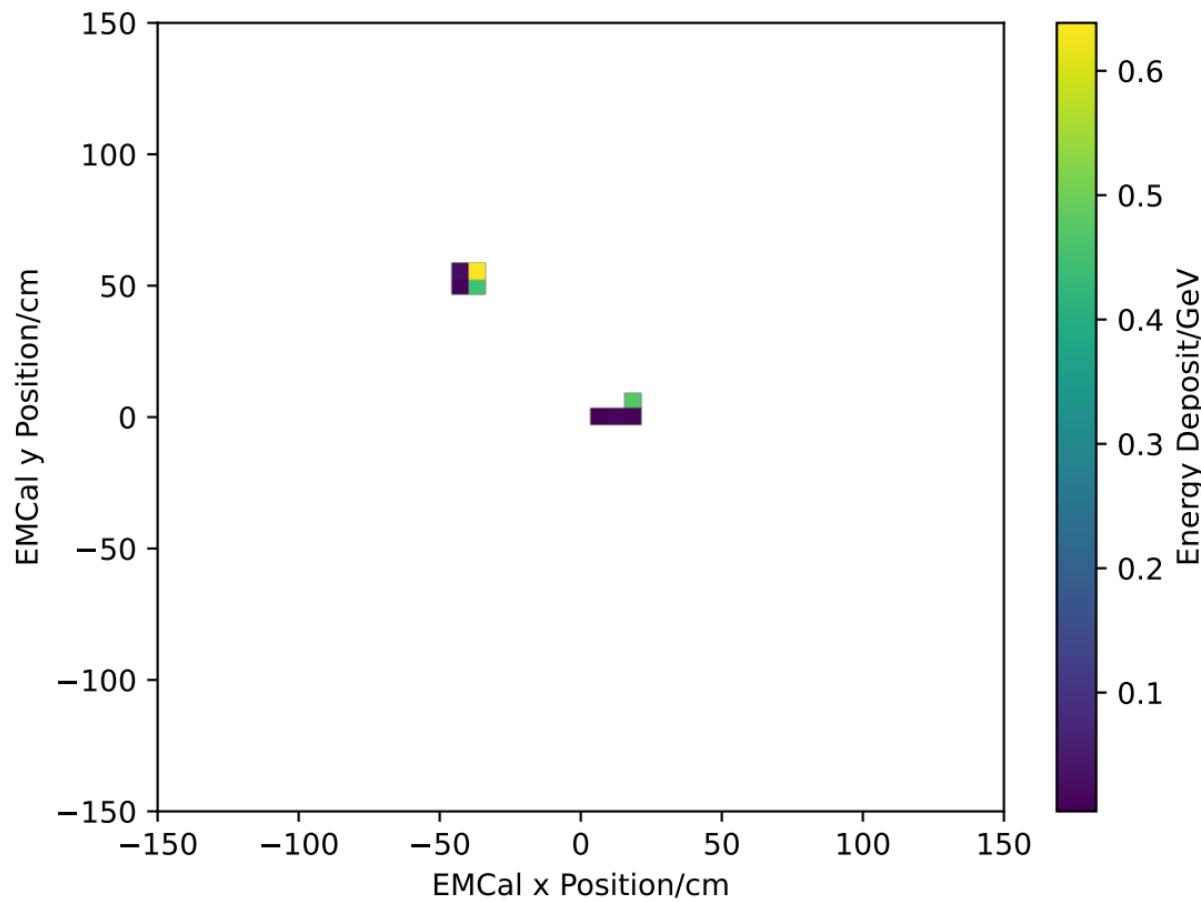


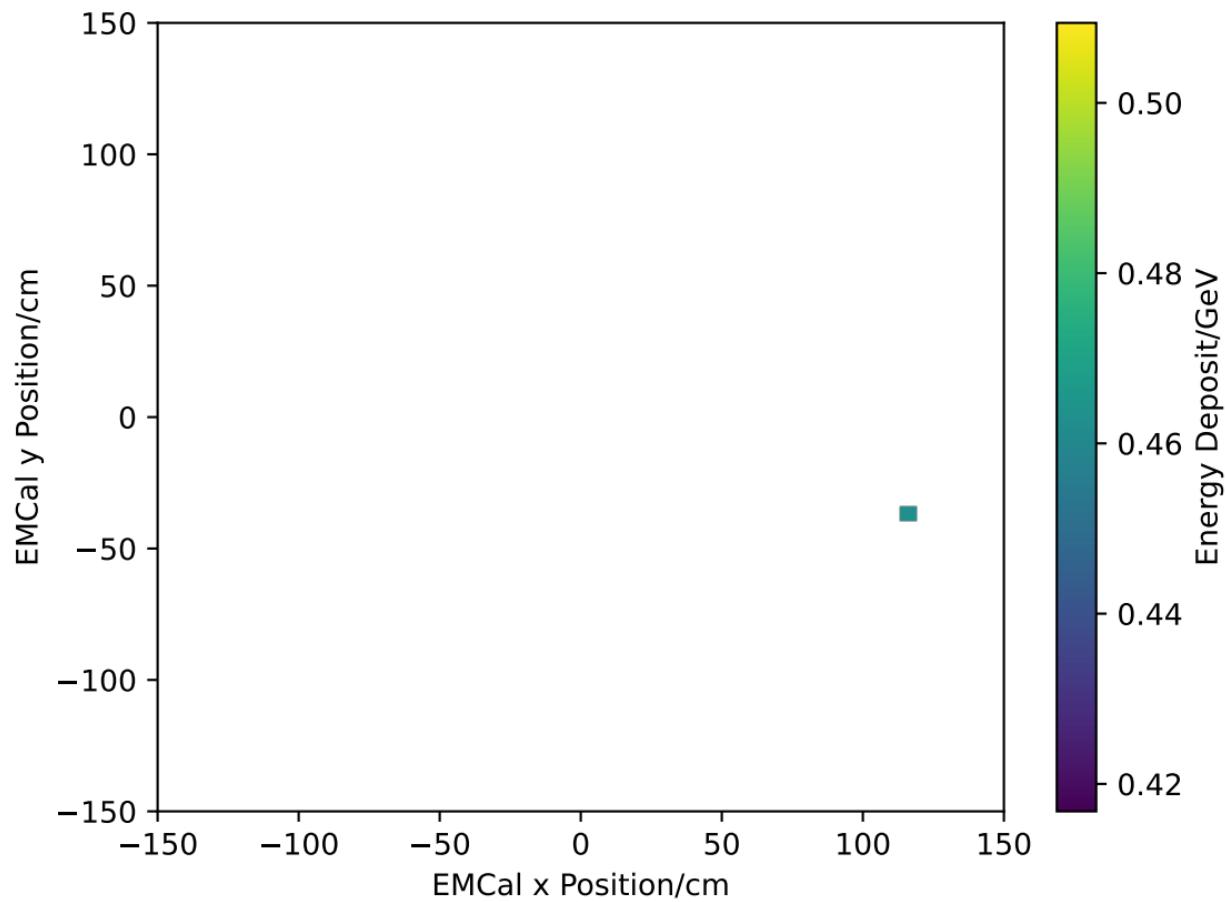
EMCal y Position/cm

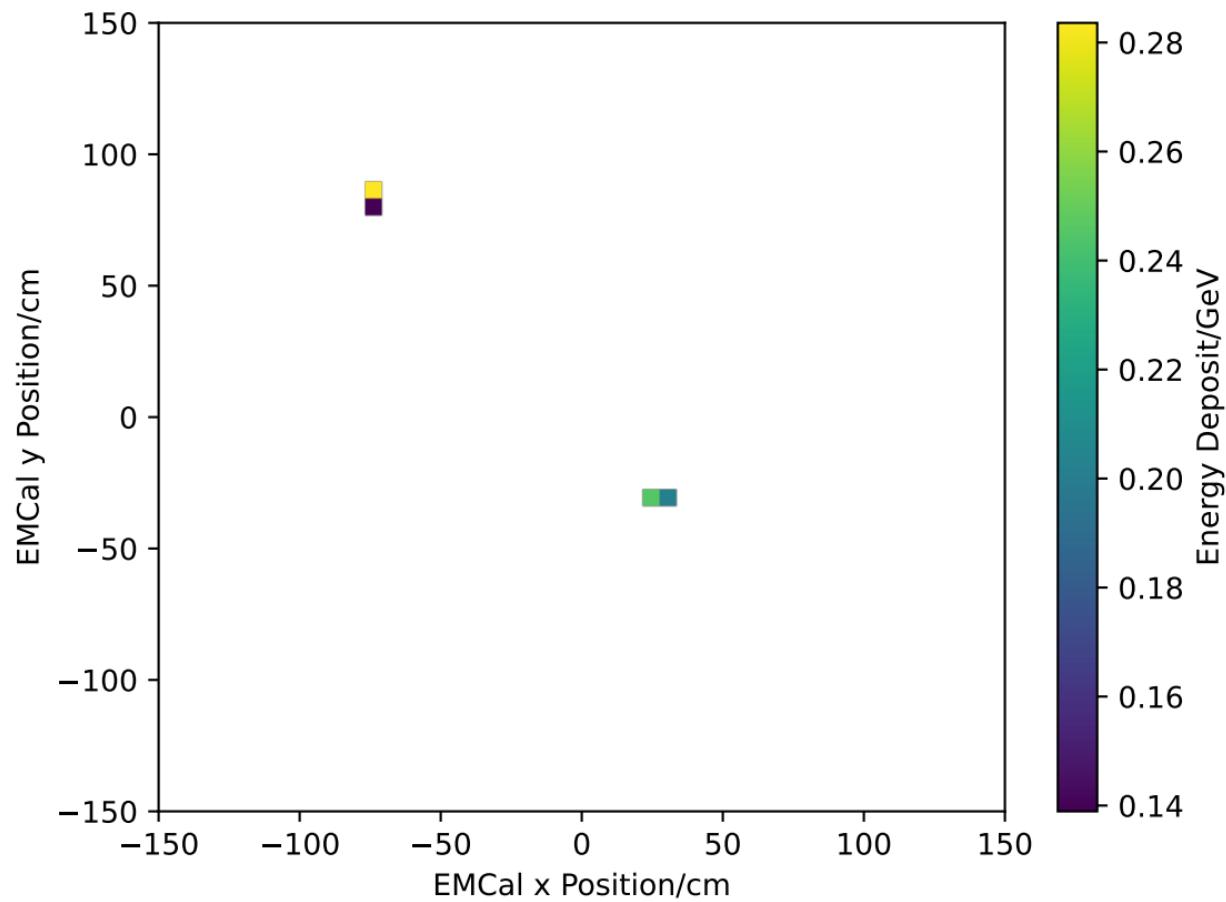


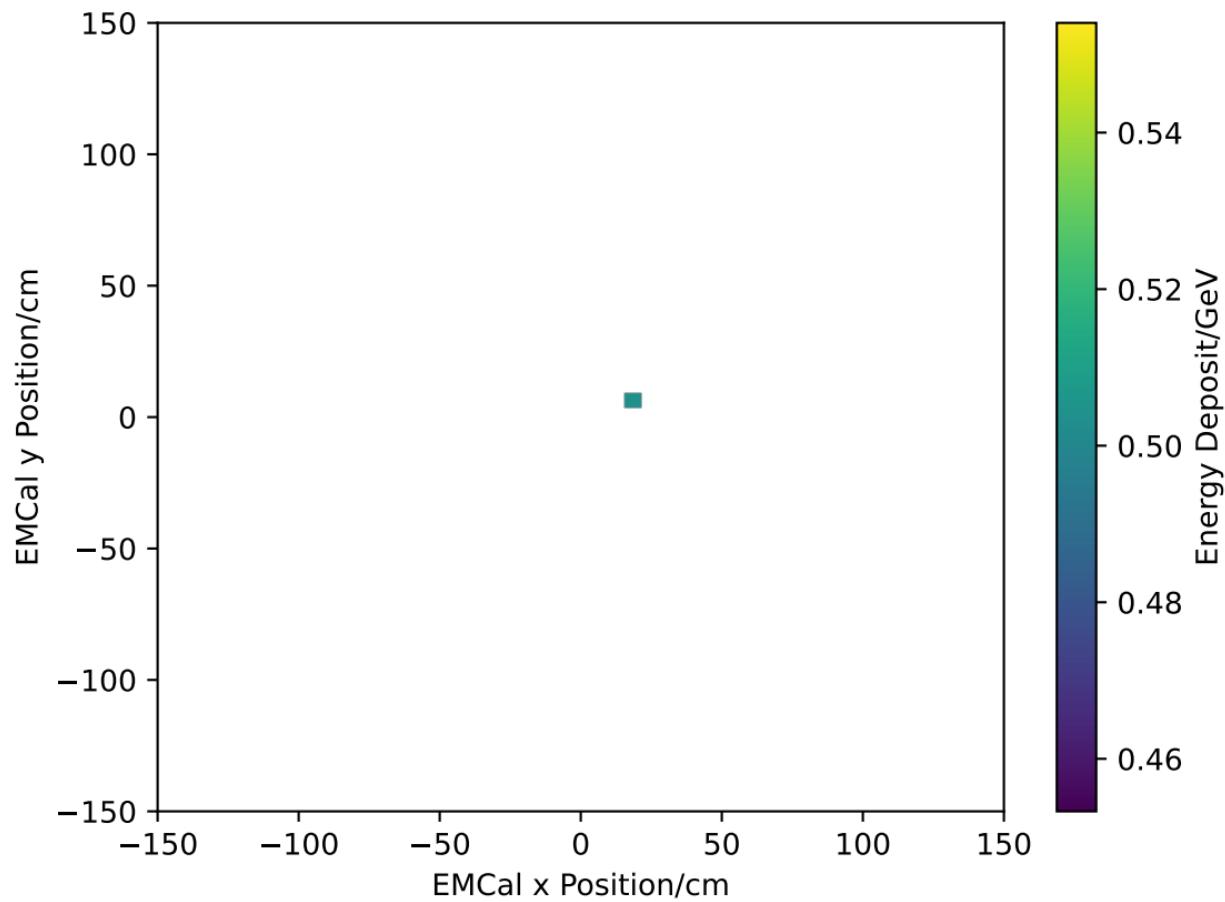


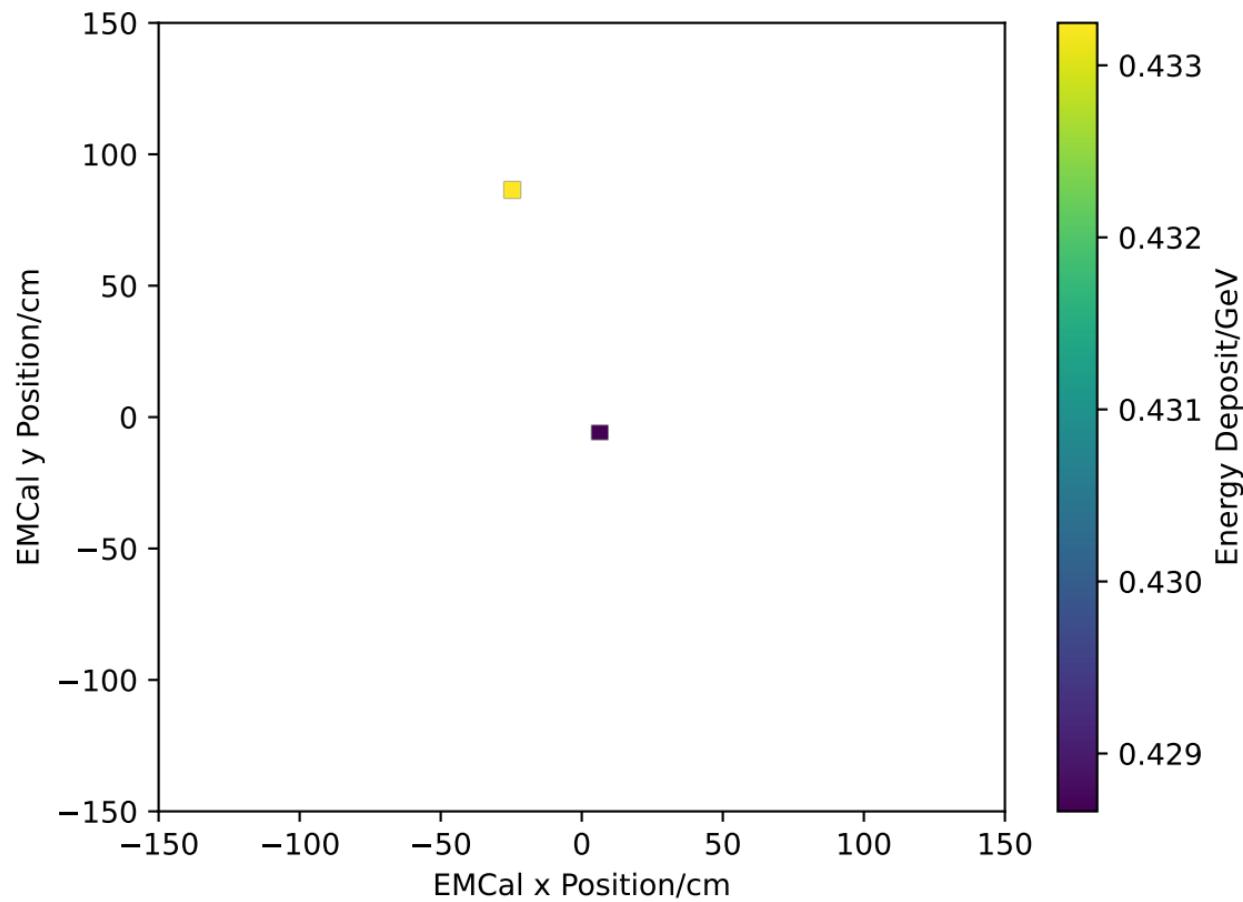


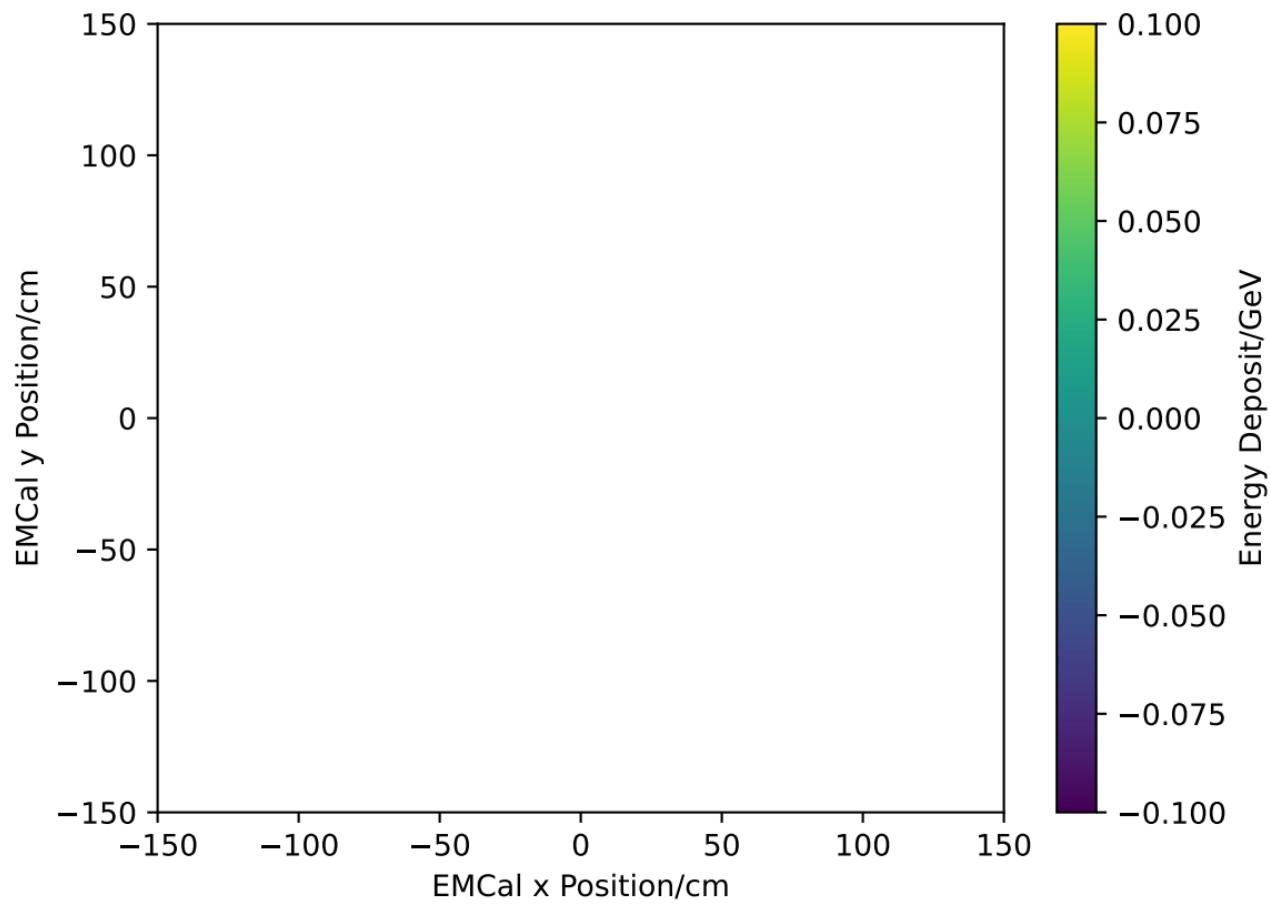


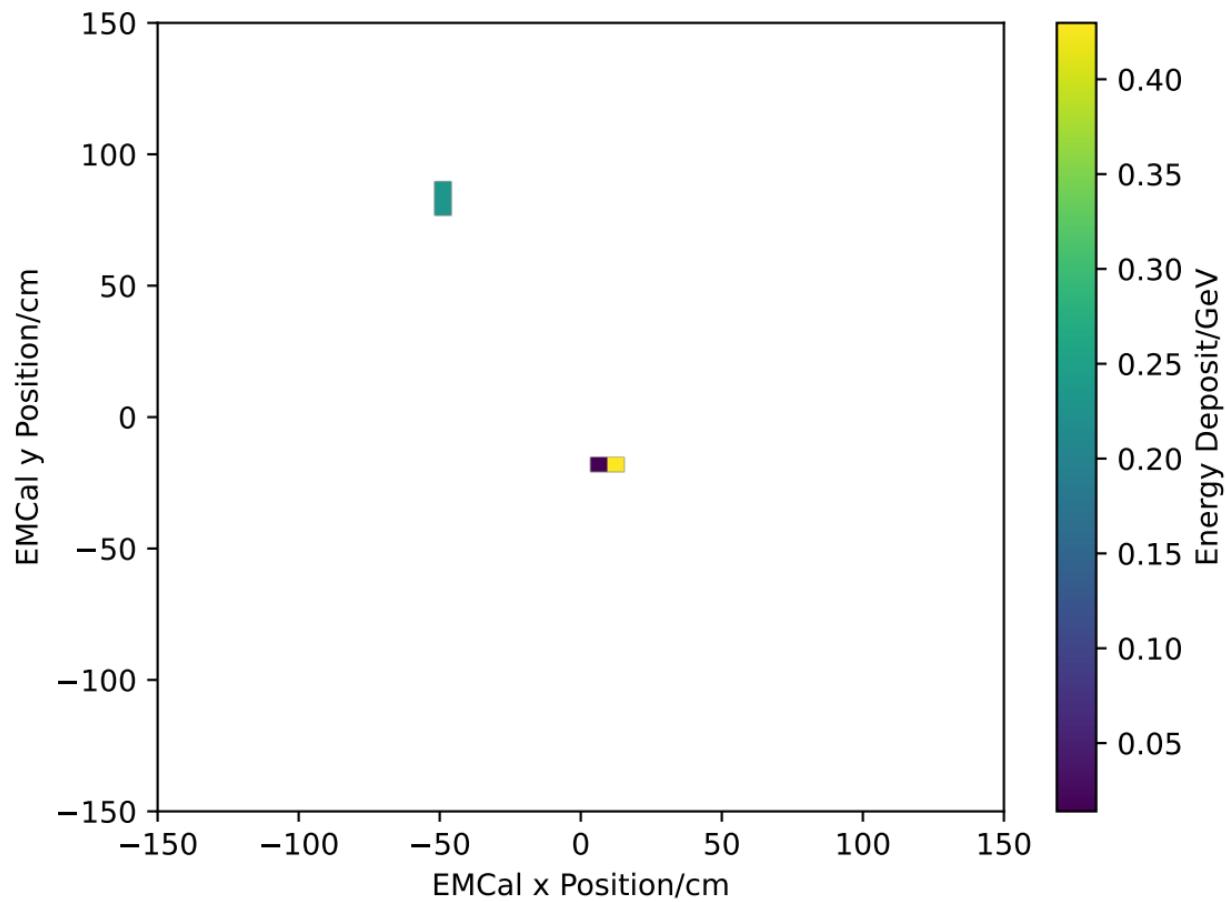


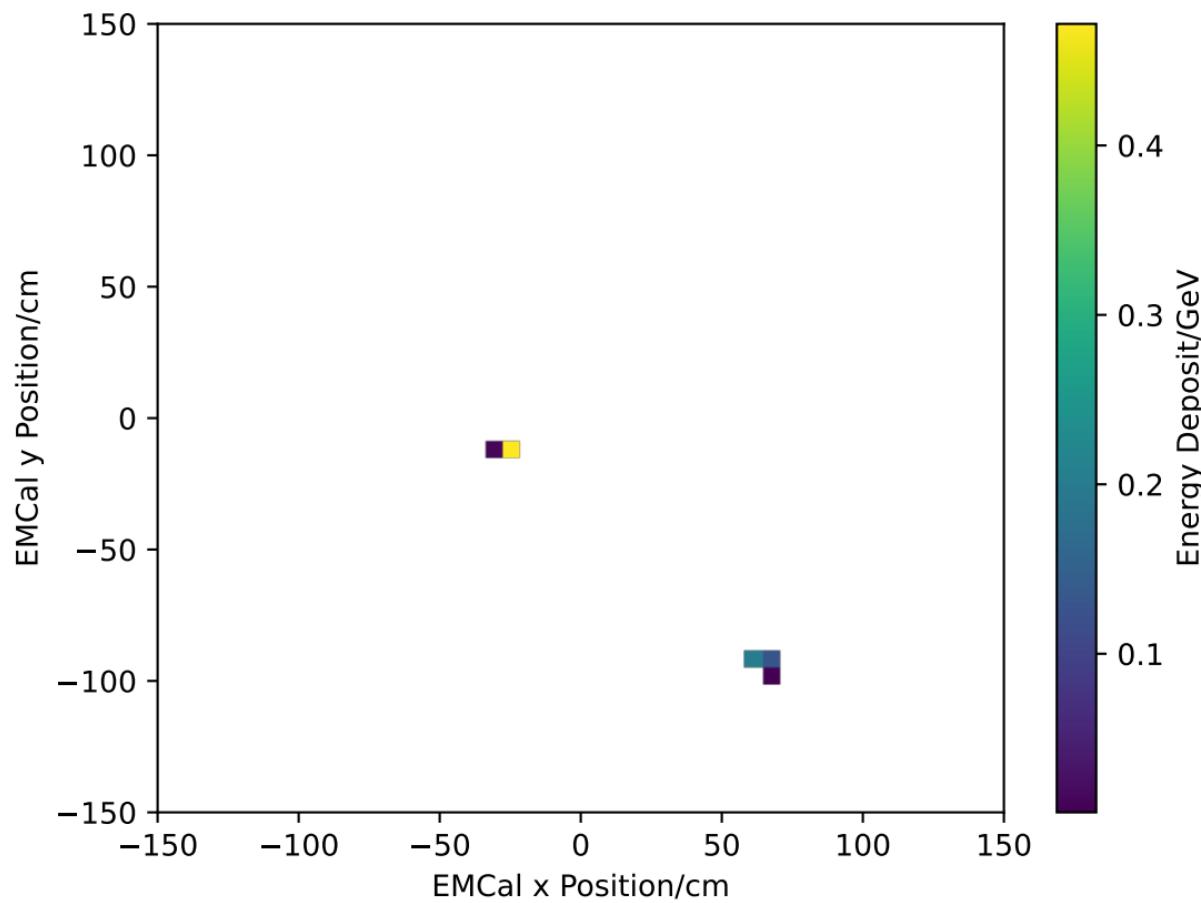


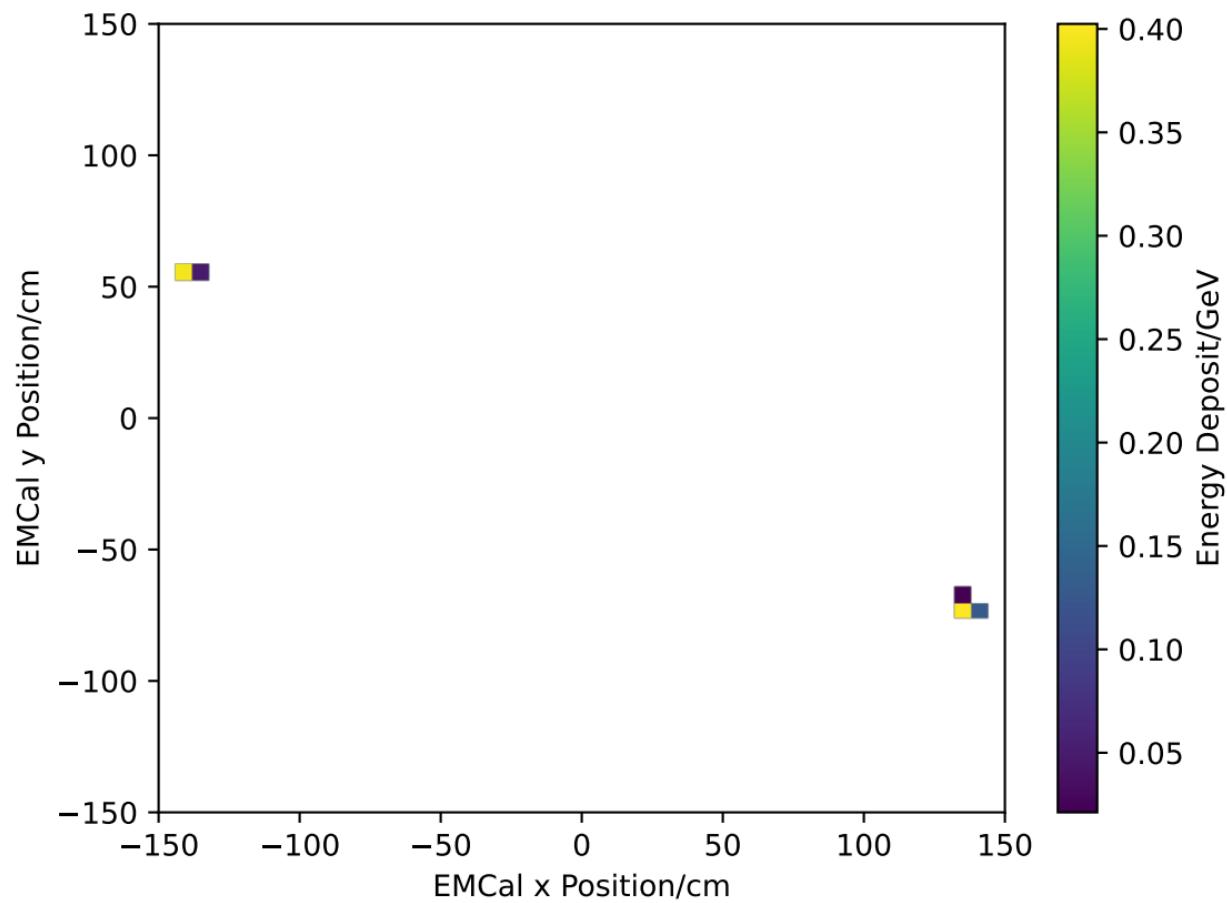


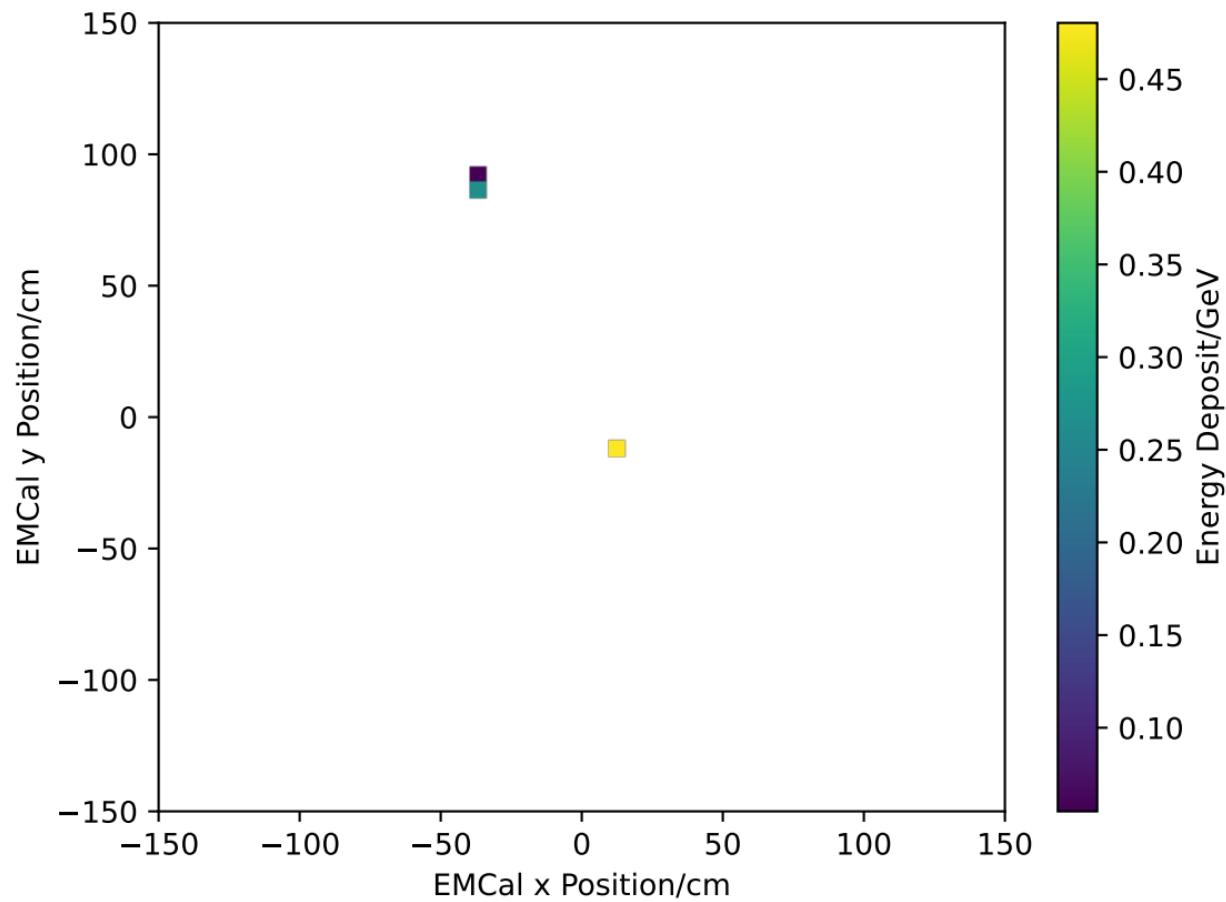


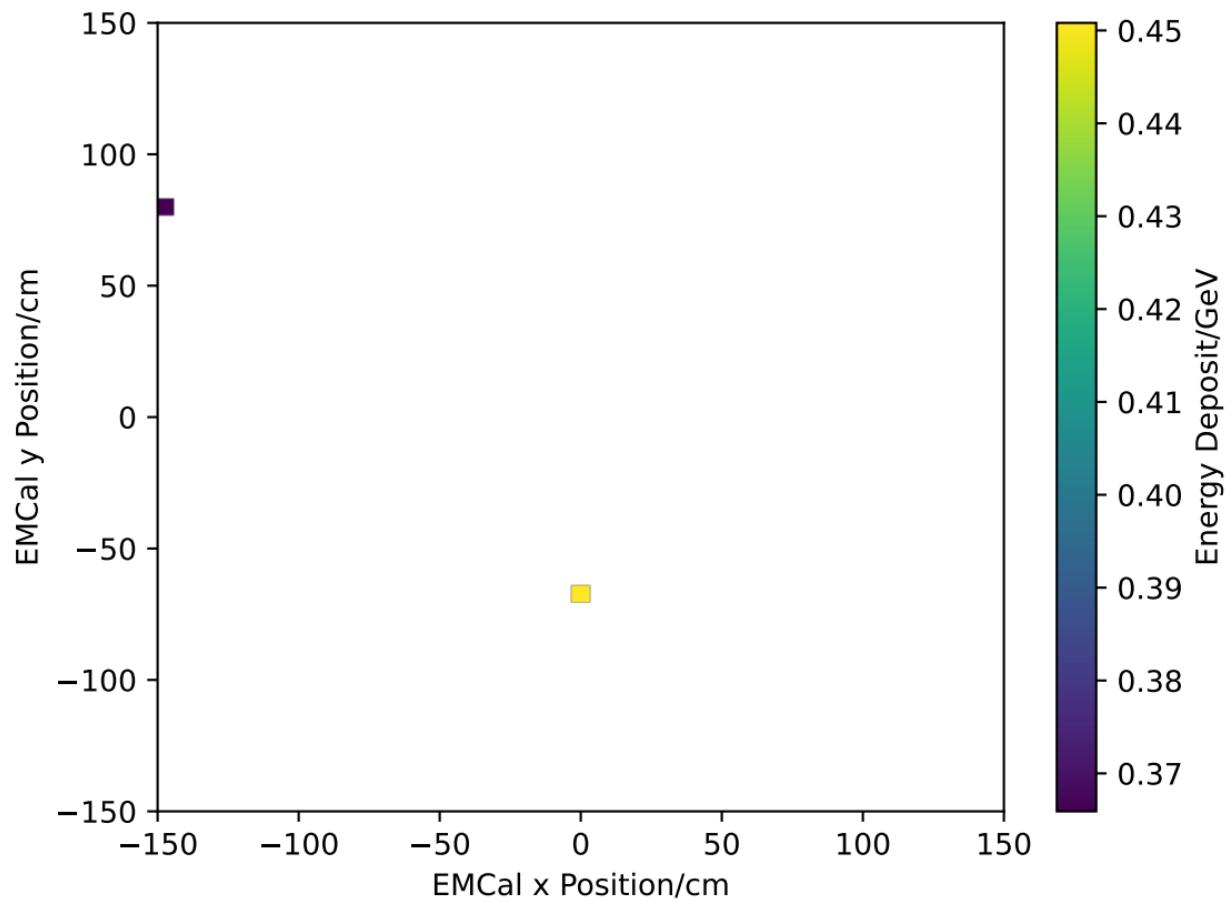


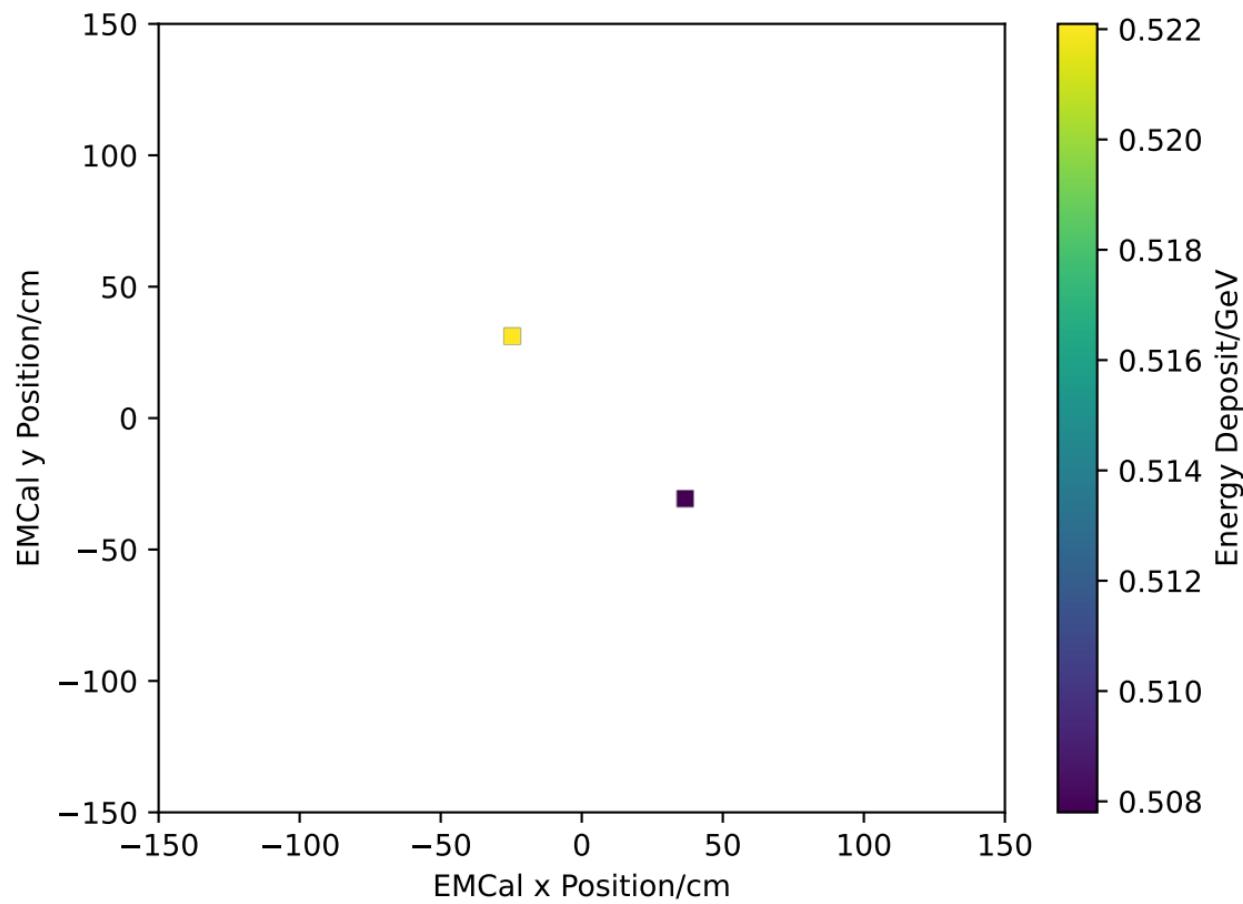


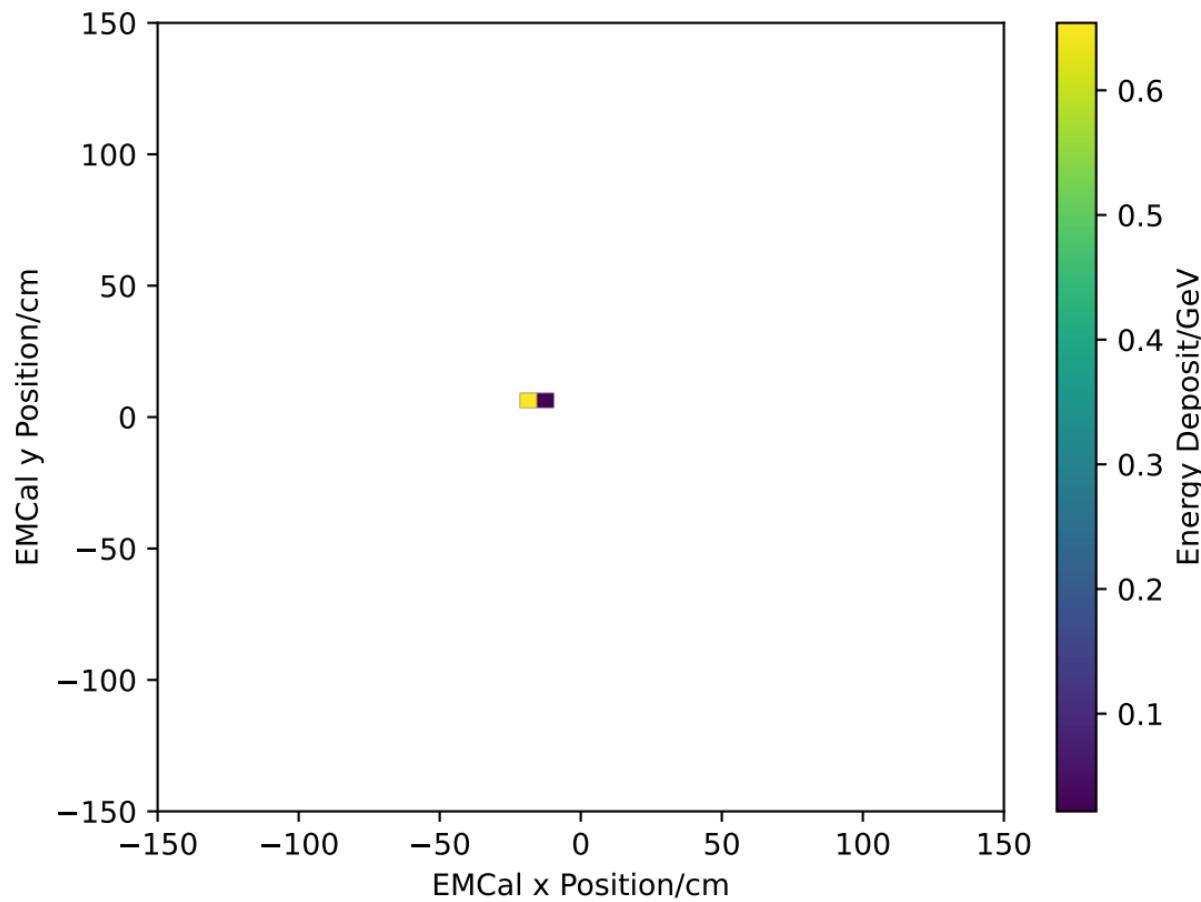


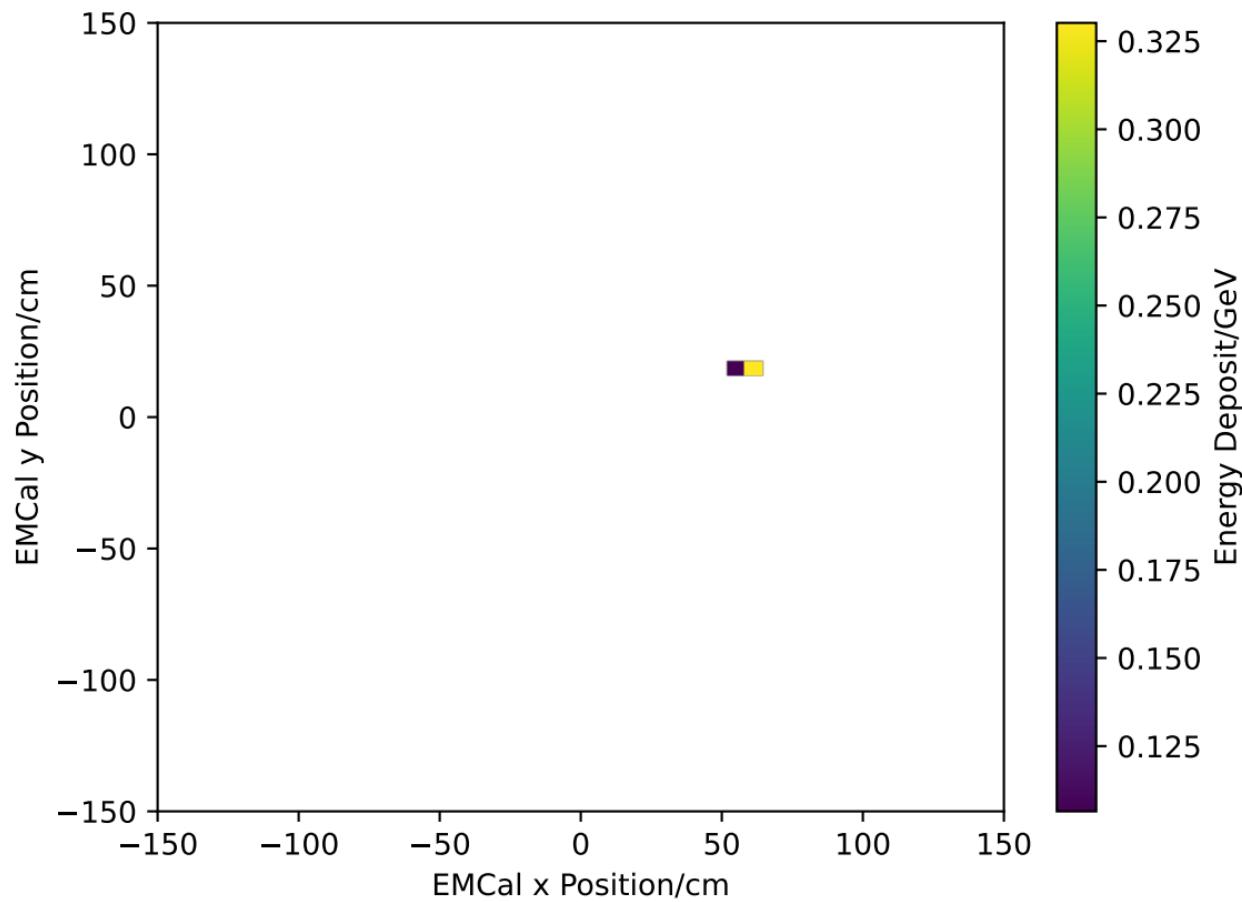




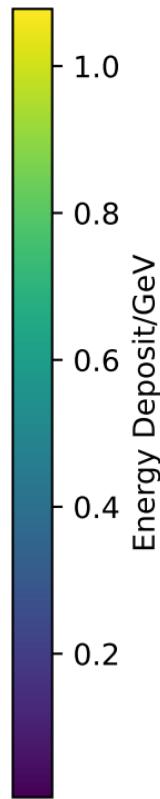
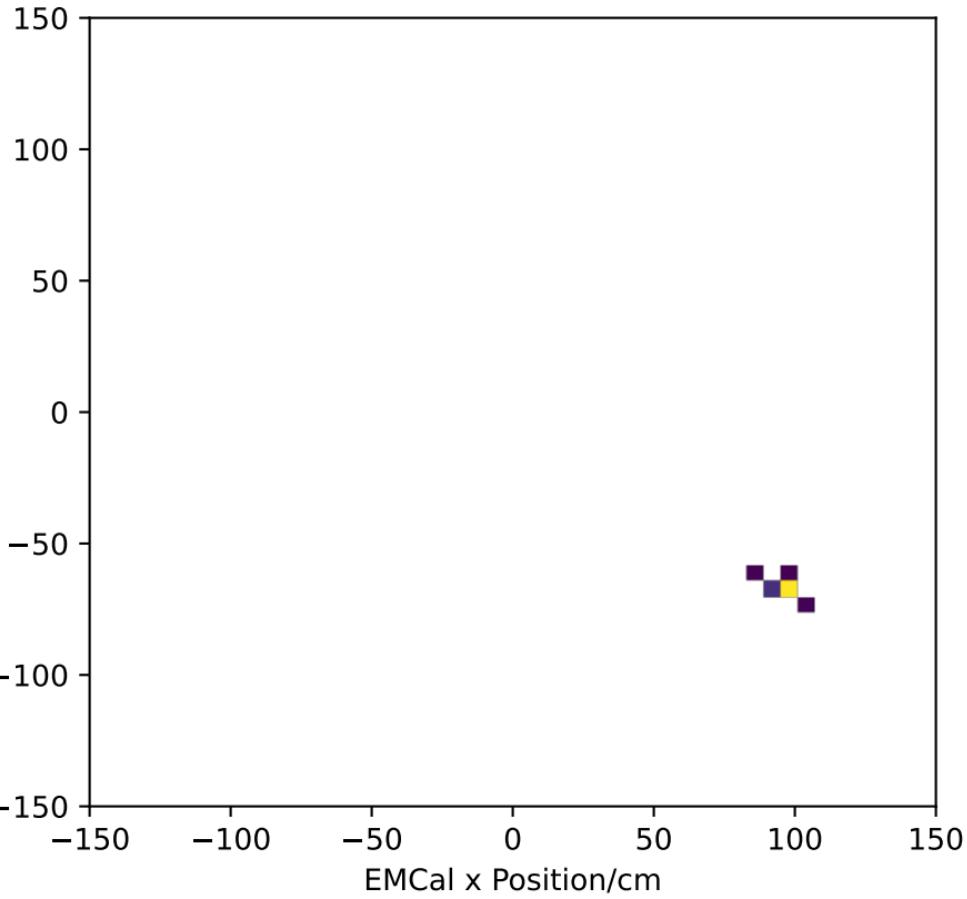








EMCal y Position/cm



EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



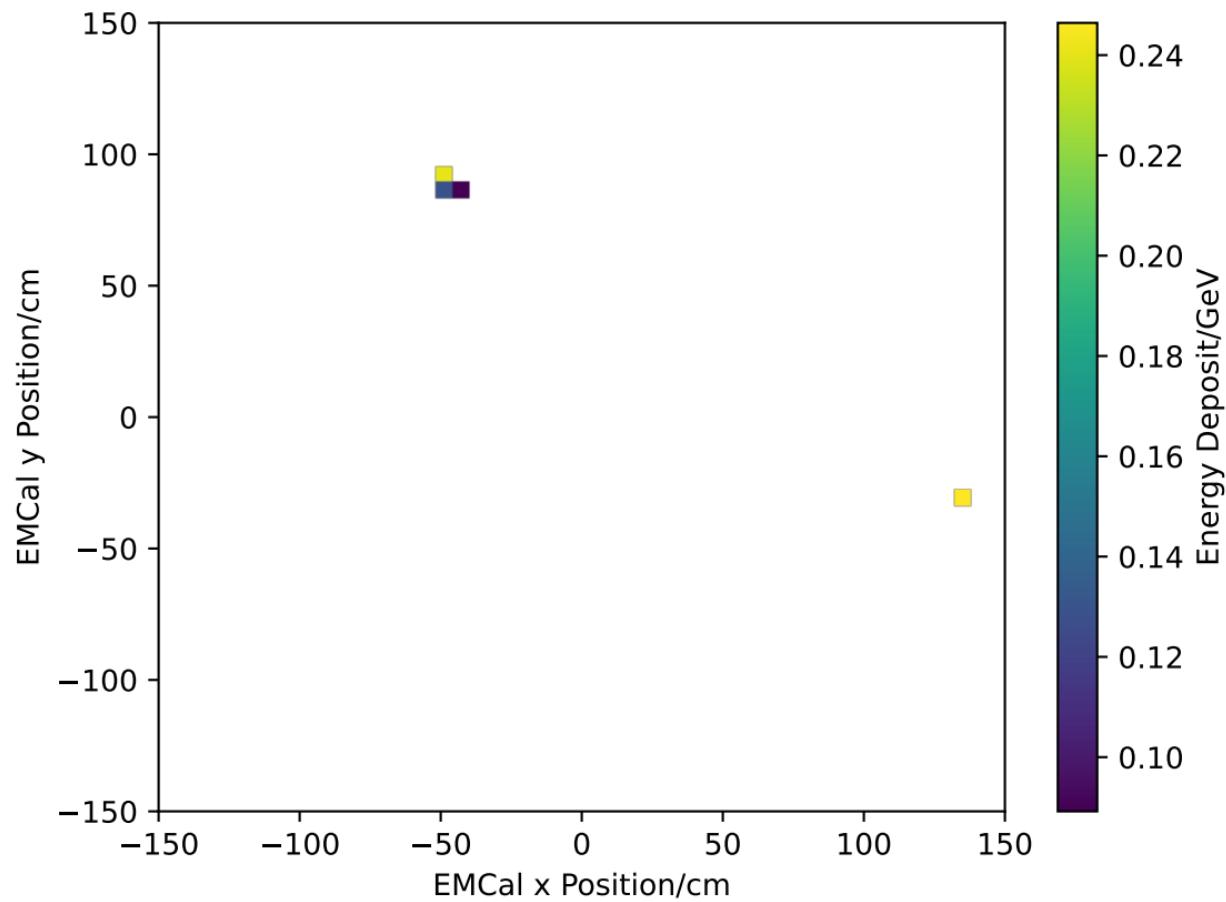
Energy Deposit/GeV

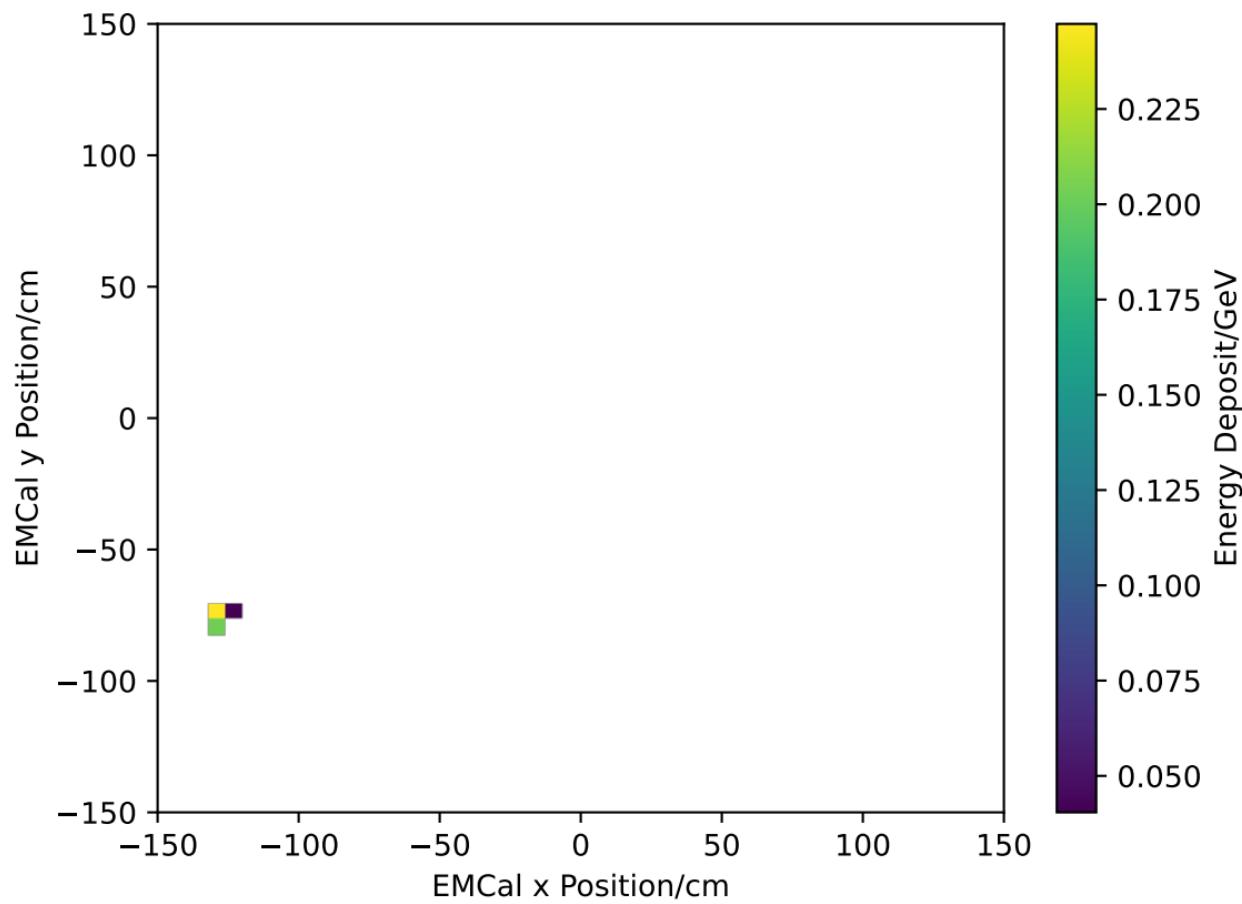
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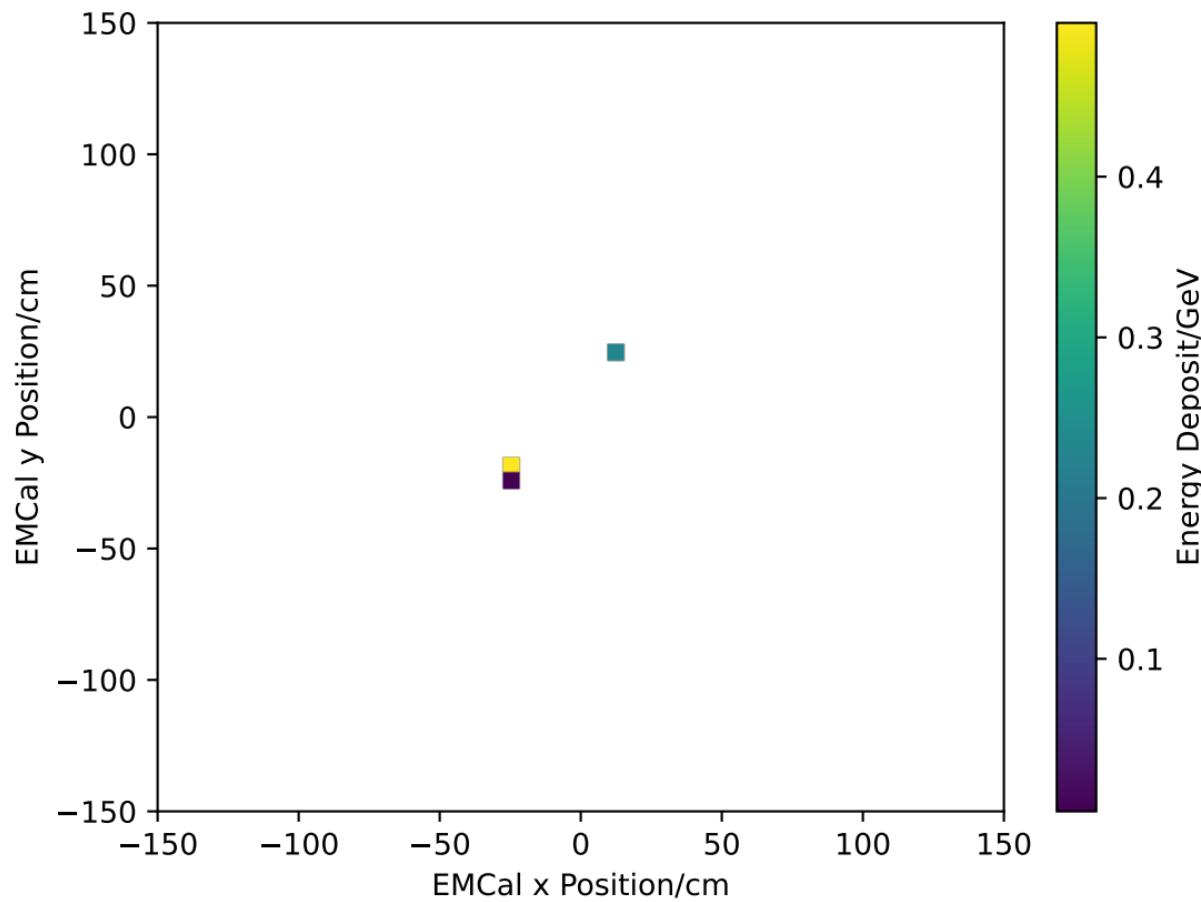
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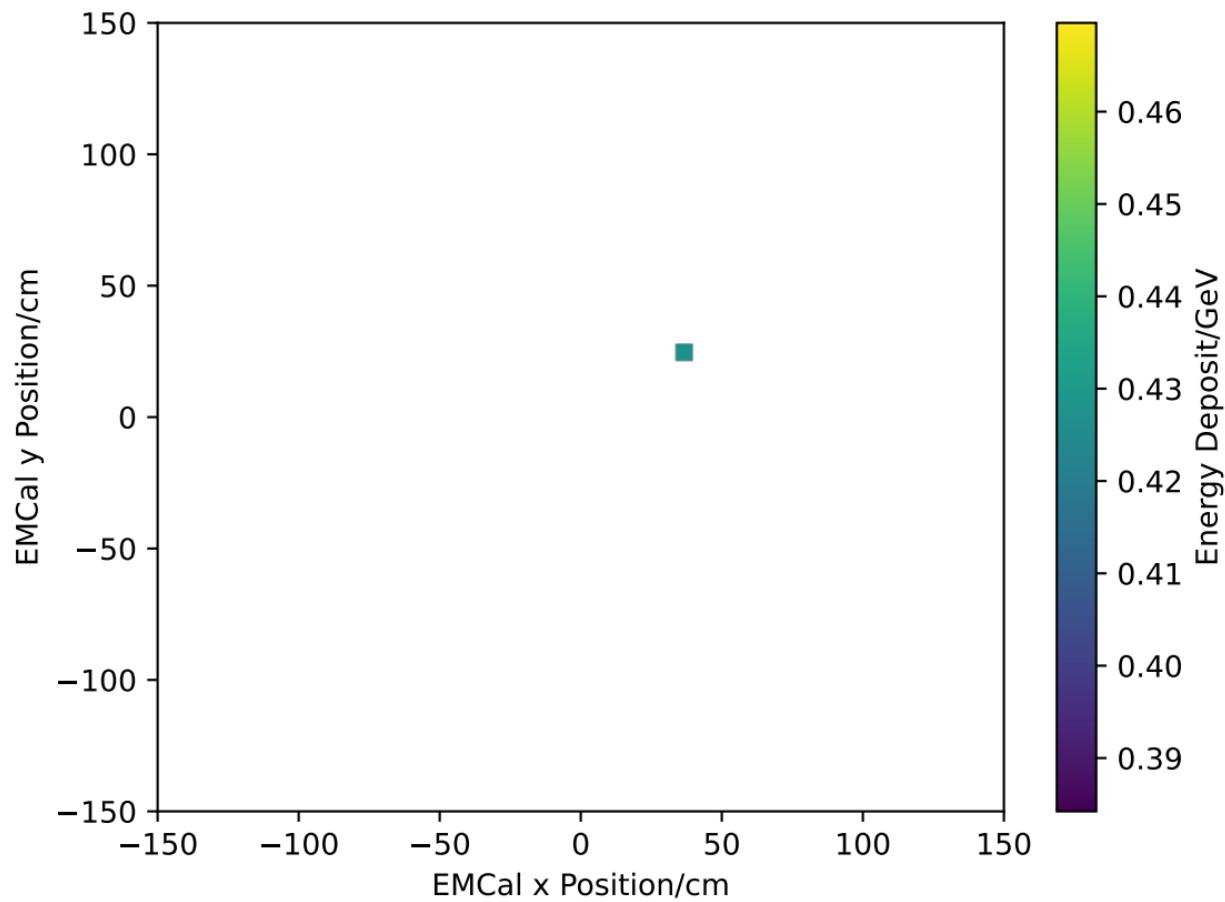
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0.44

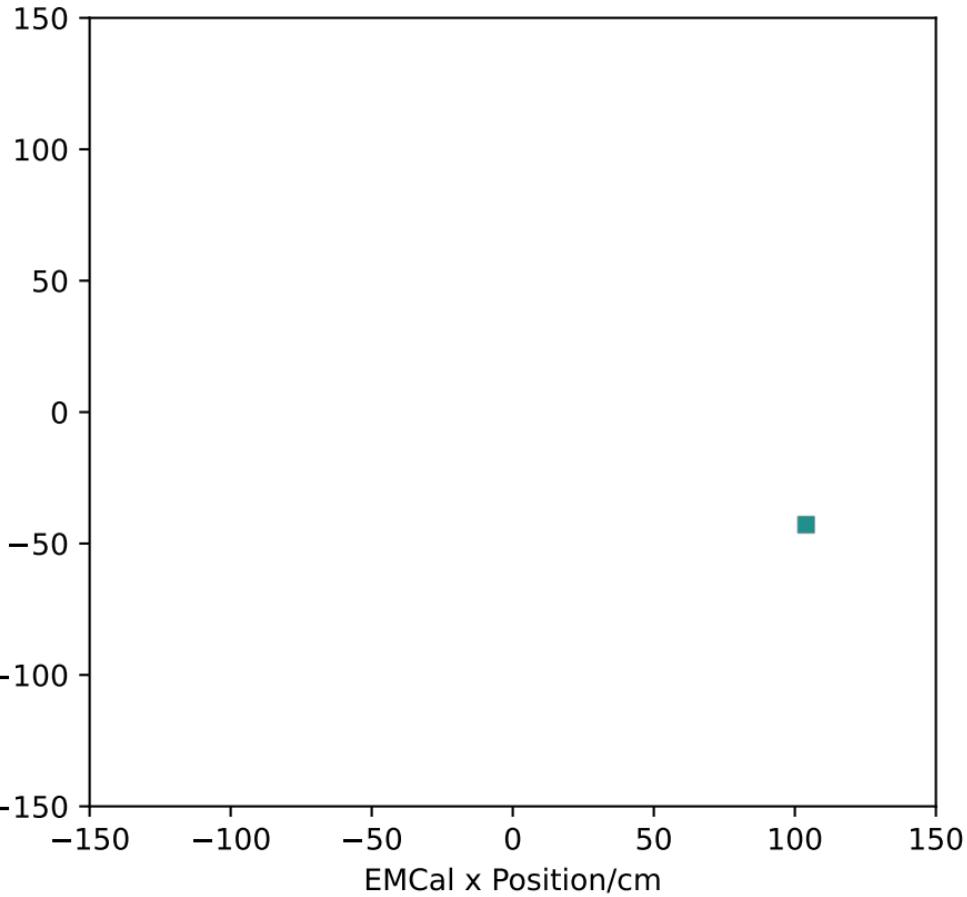




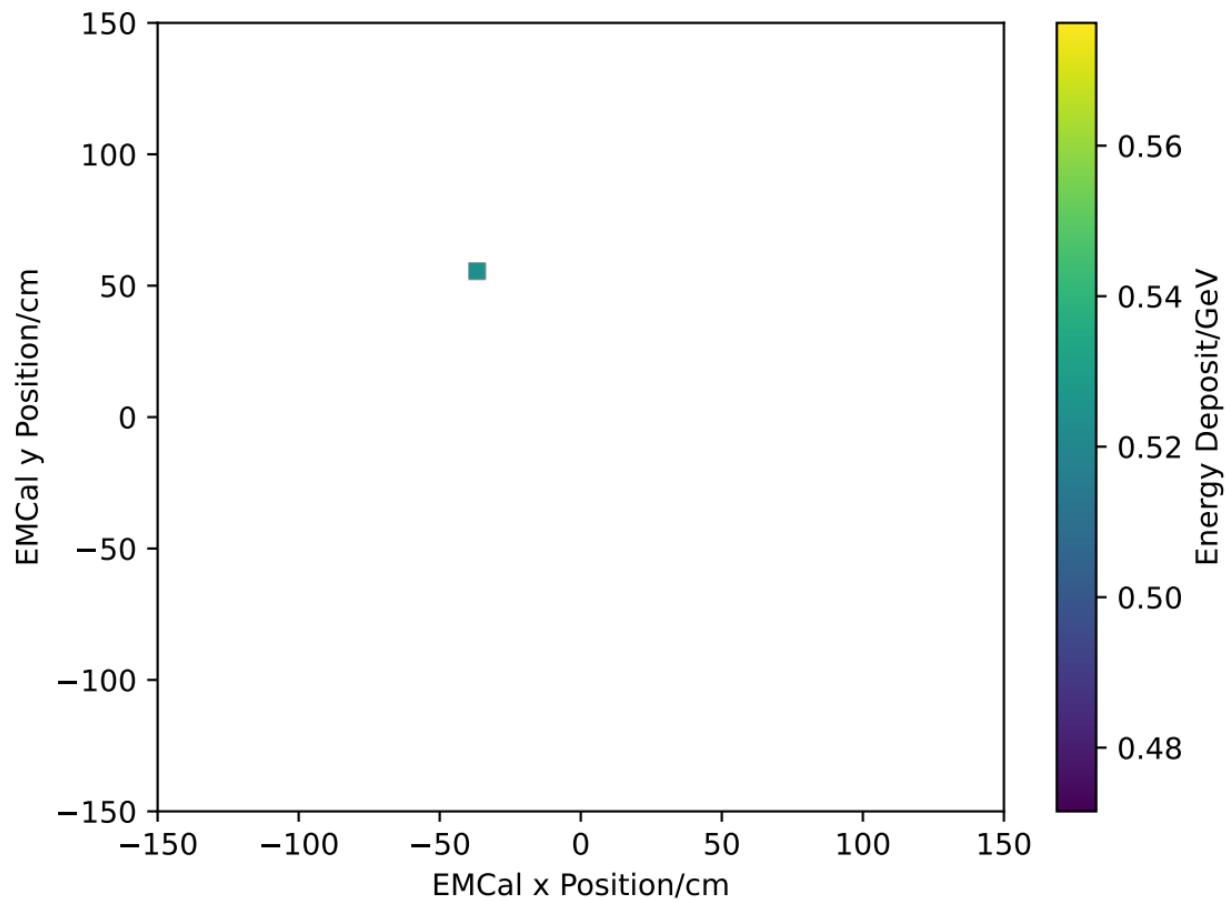


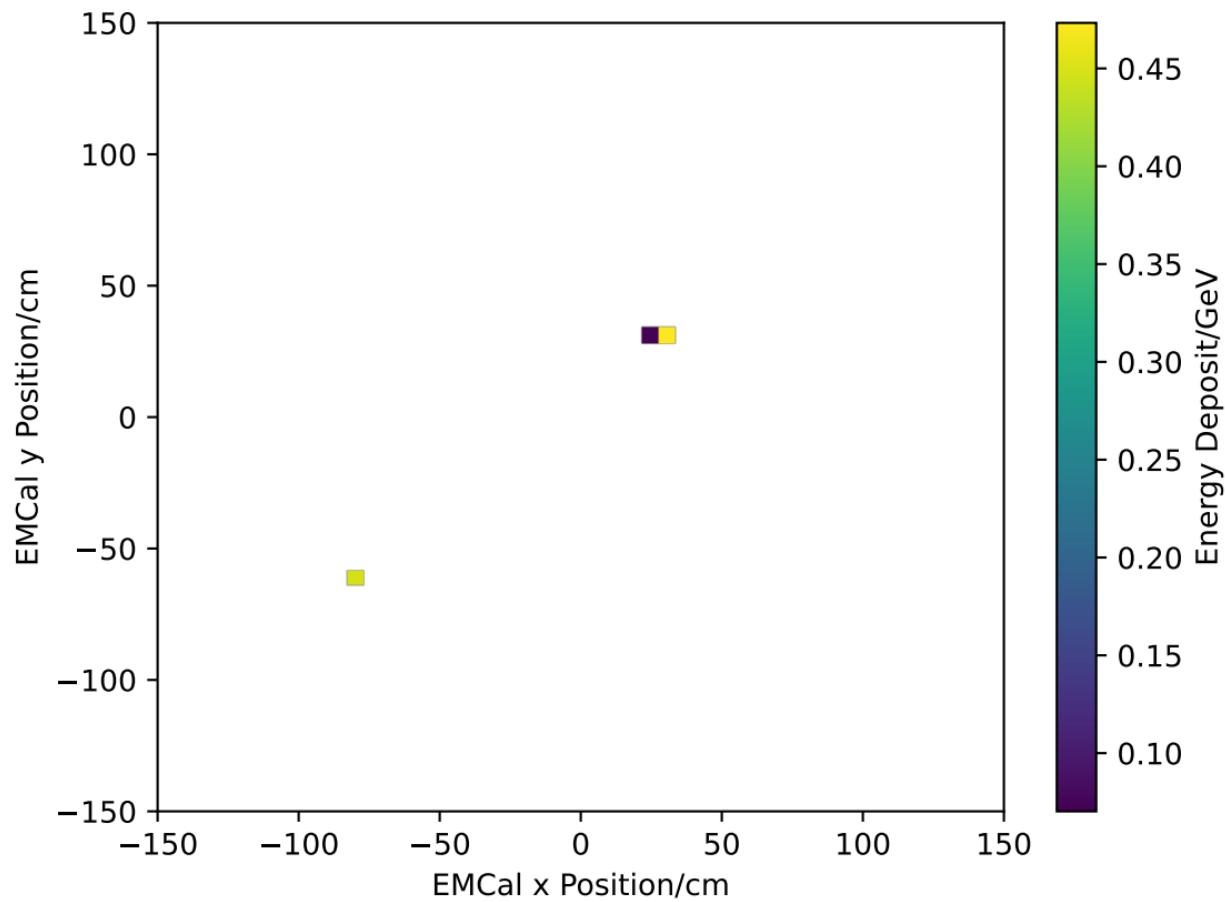


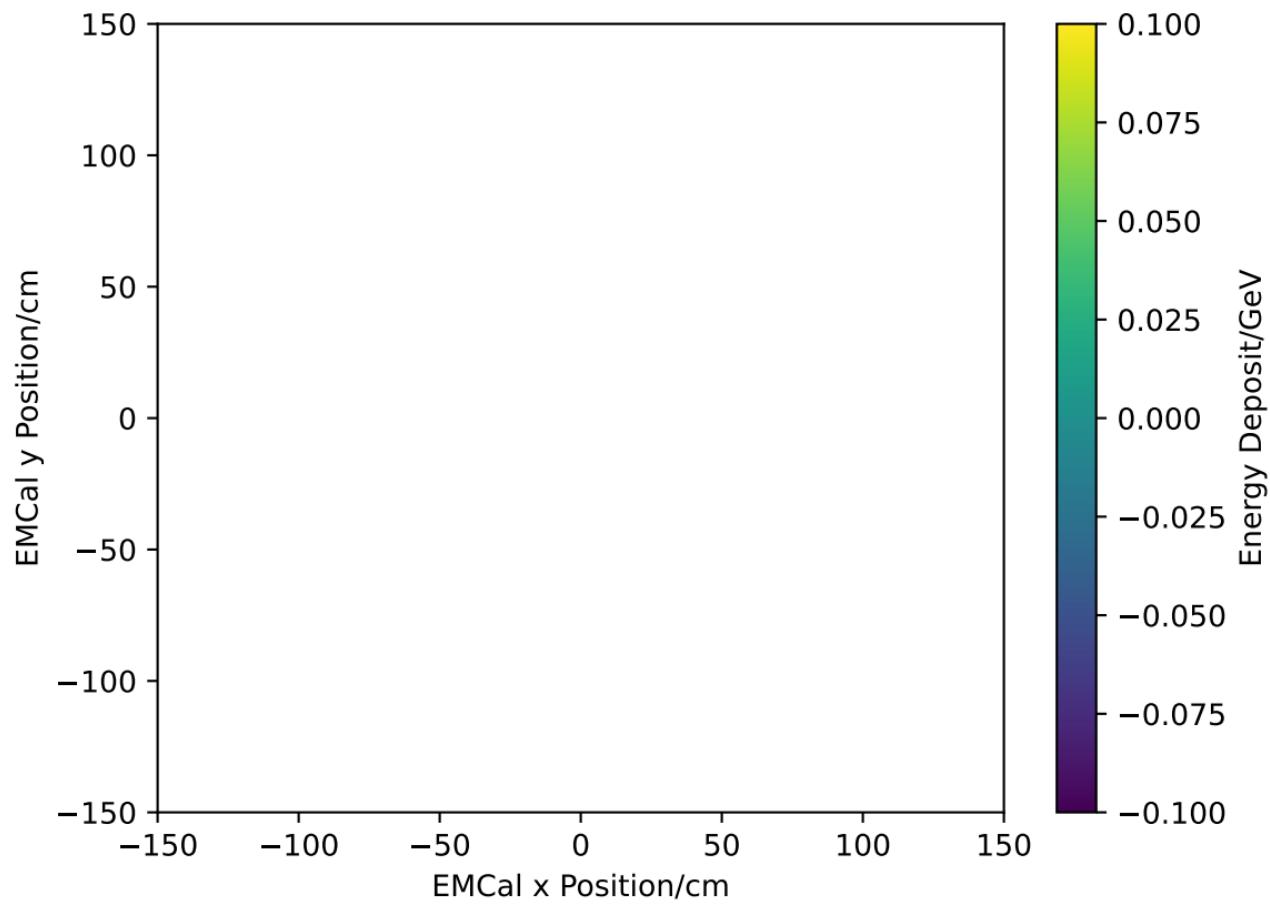
EMCal y Position/cm

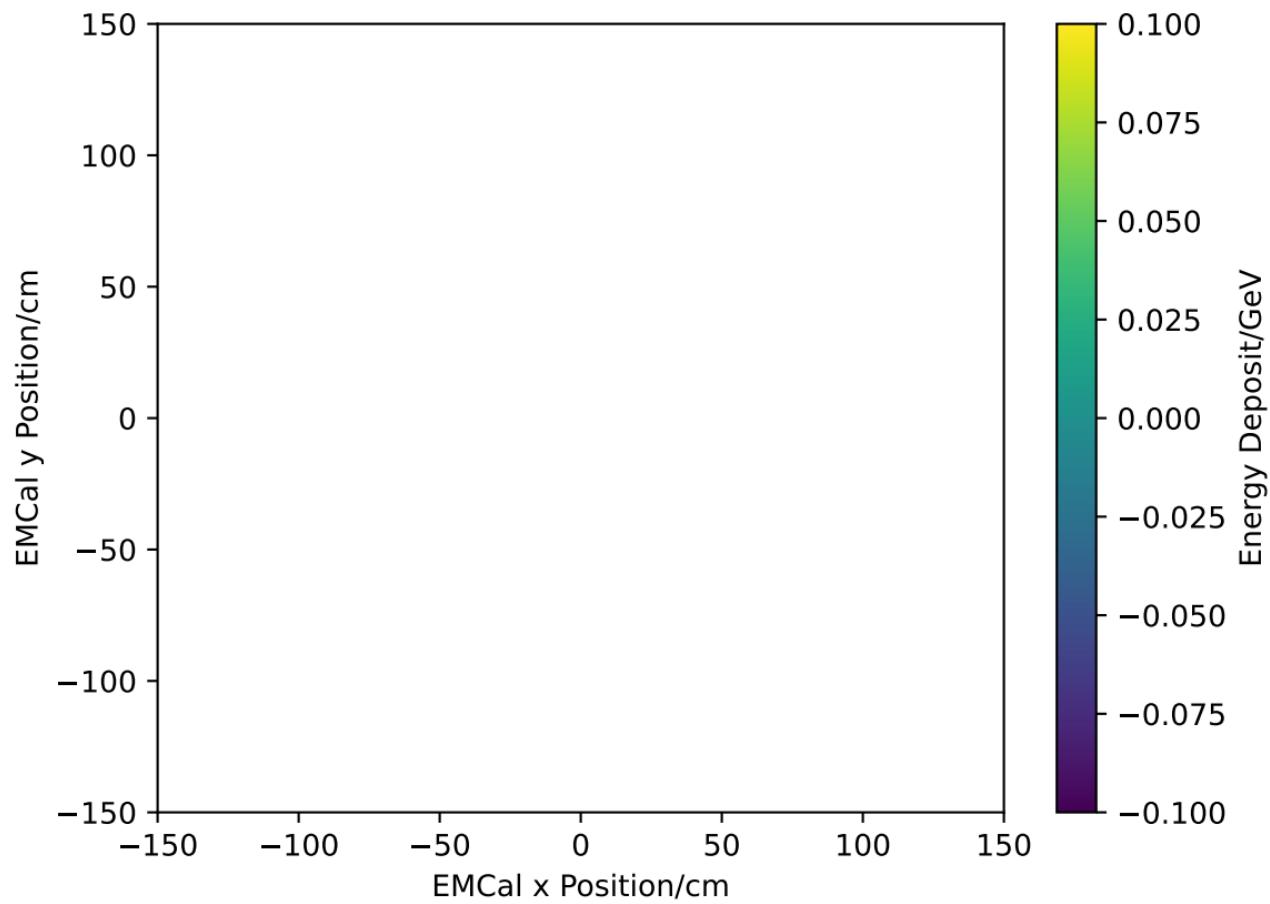


Energy Deposit/GeV









EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

0.18

0.17

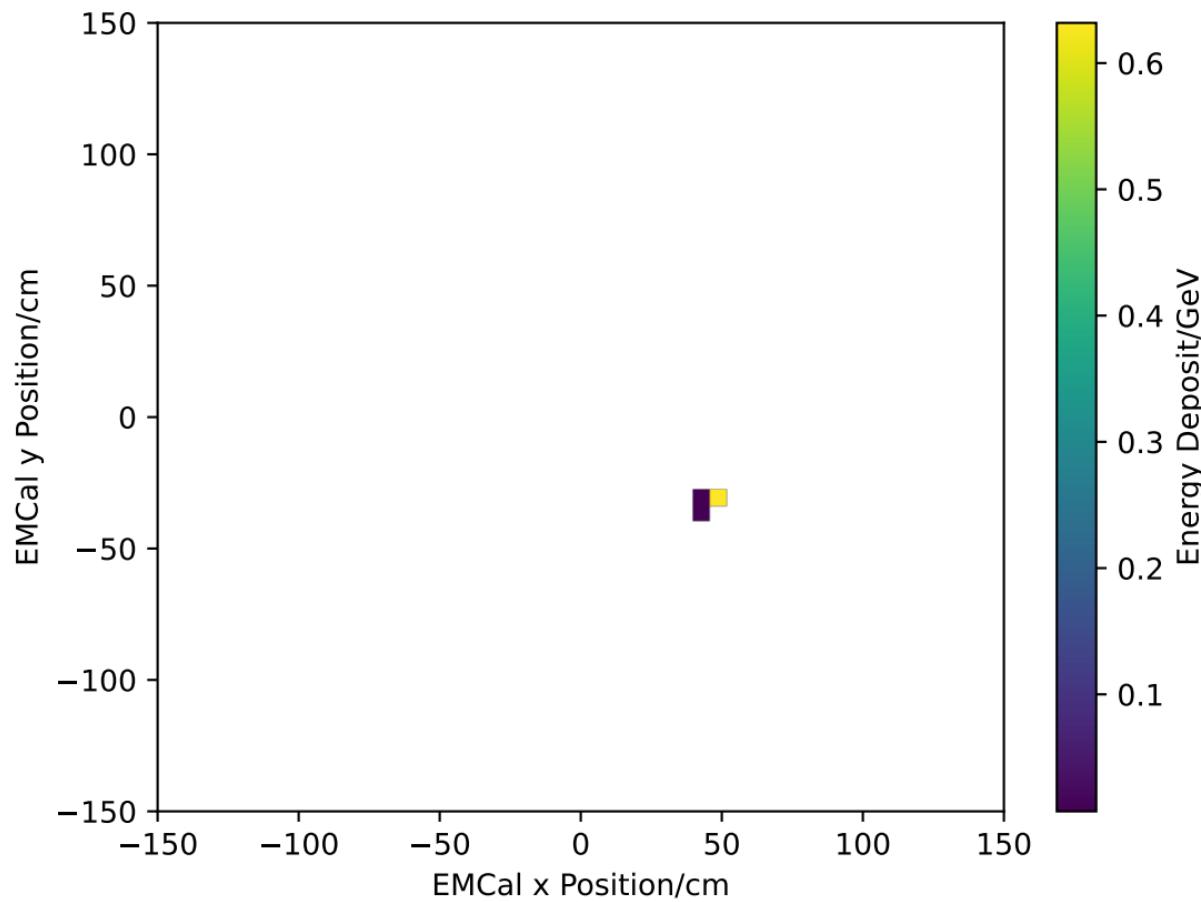
0.16

0.15

0.14

0.13

0.12



EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



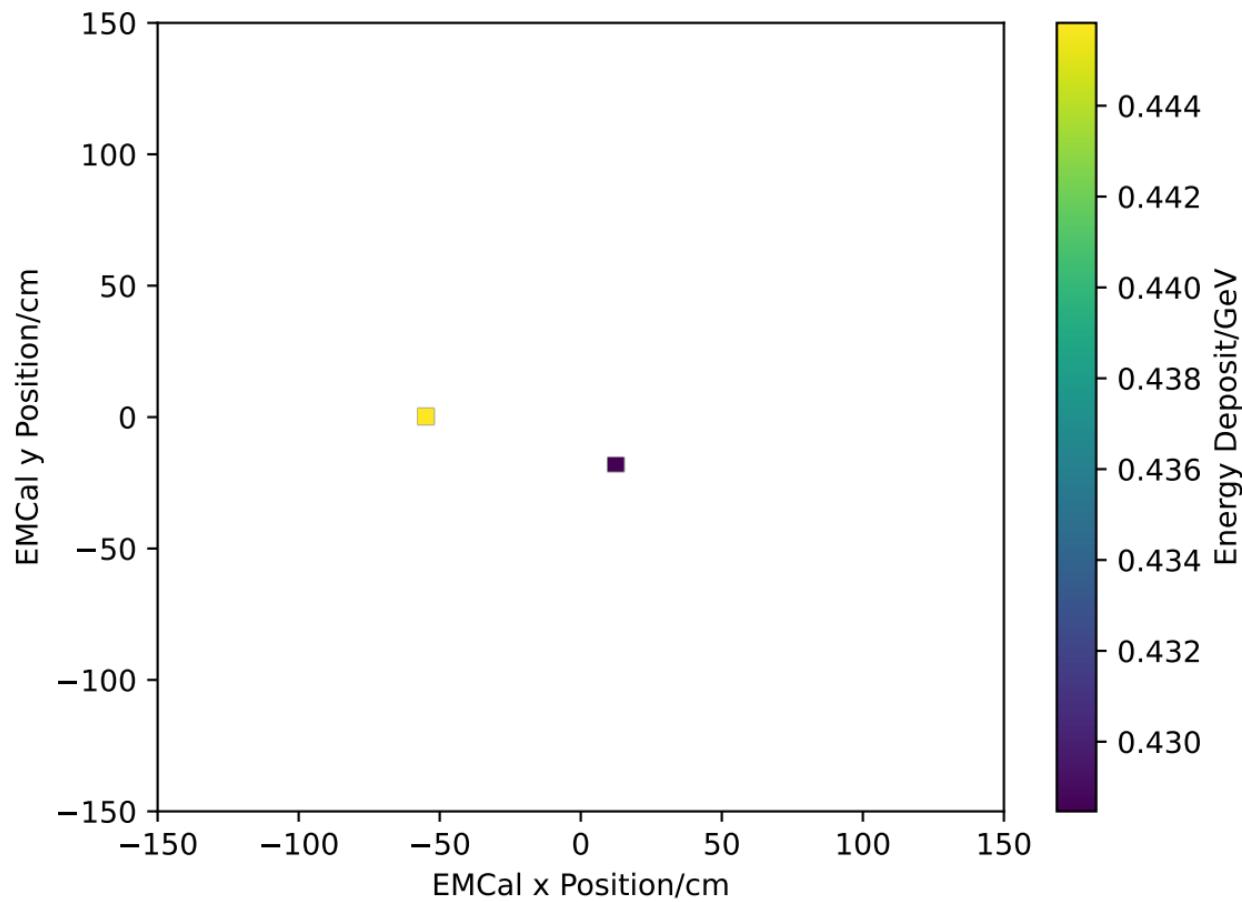
Energy Deposit/GeV

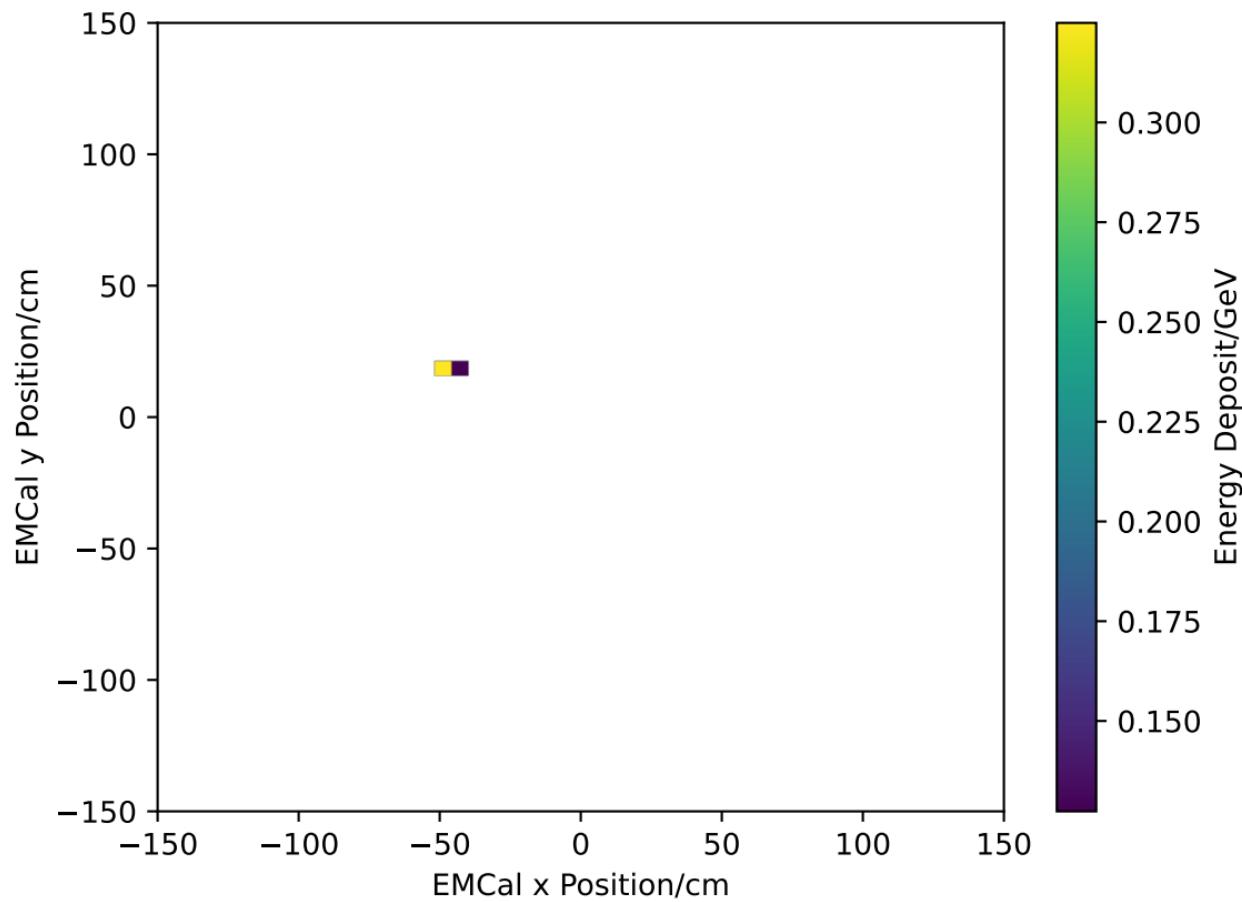
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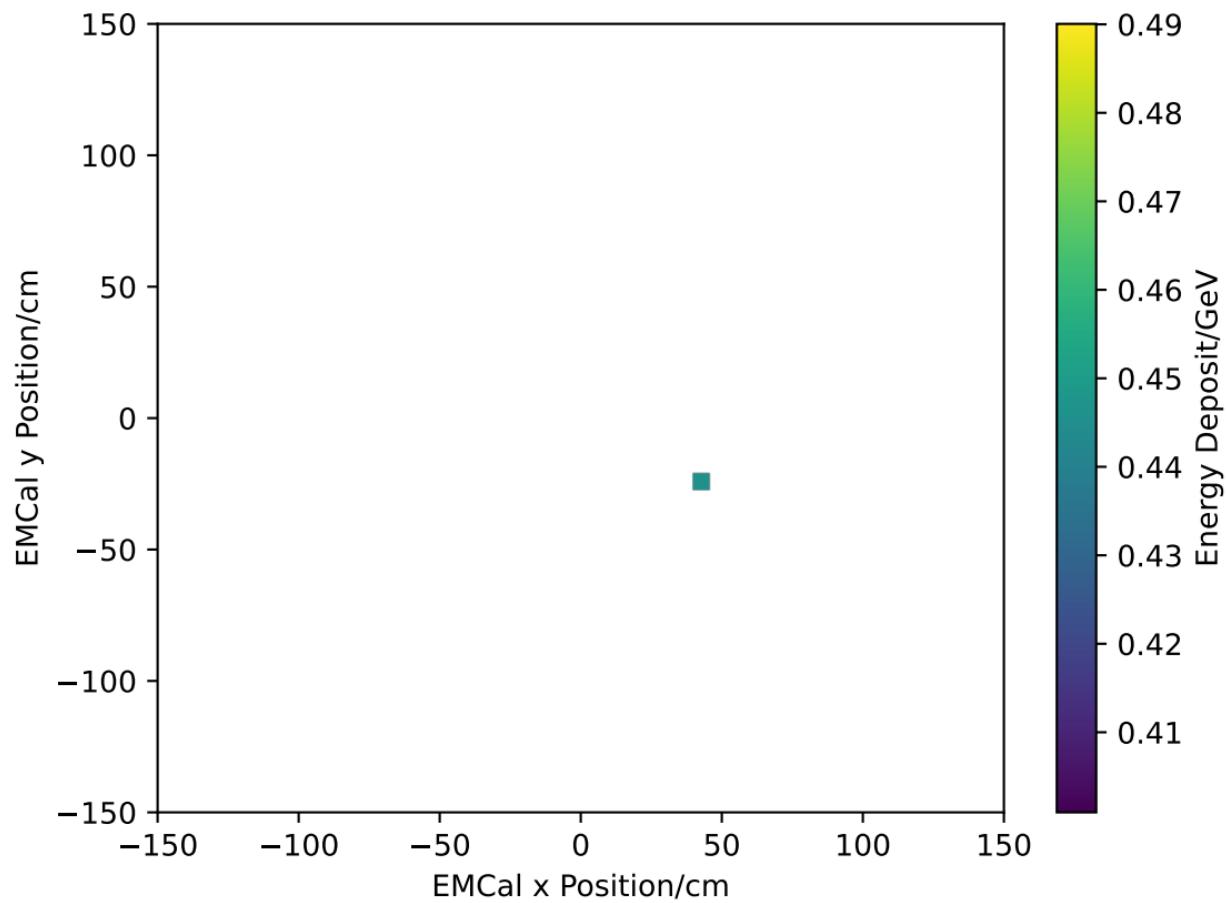
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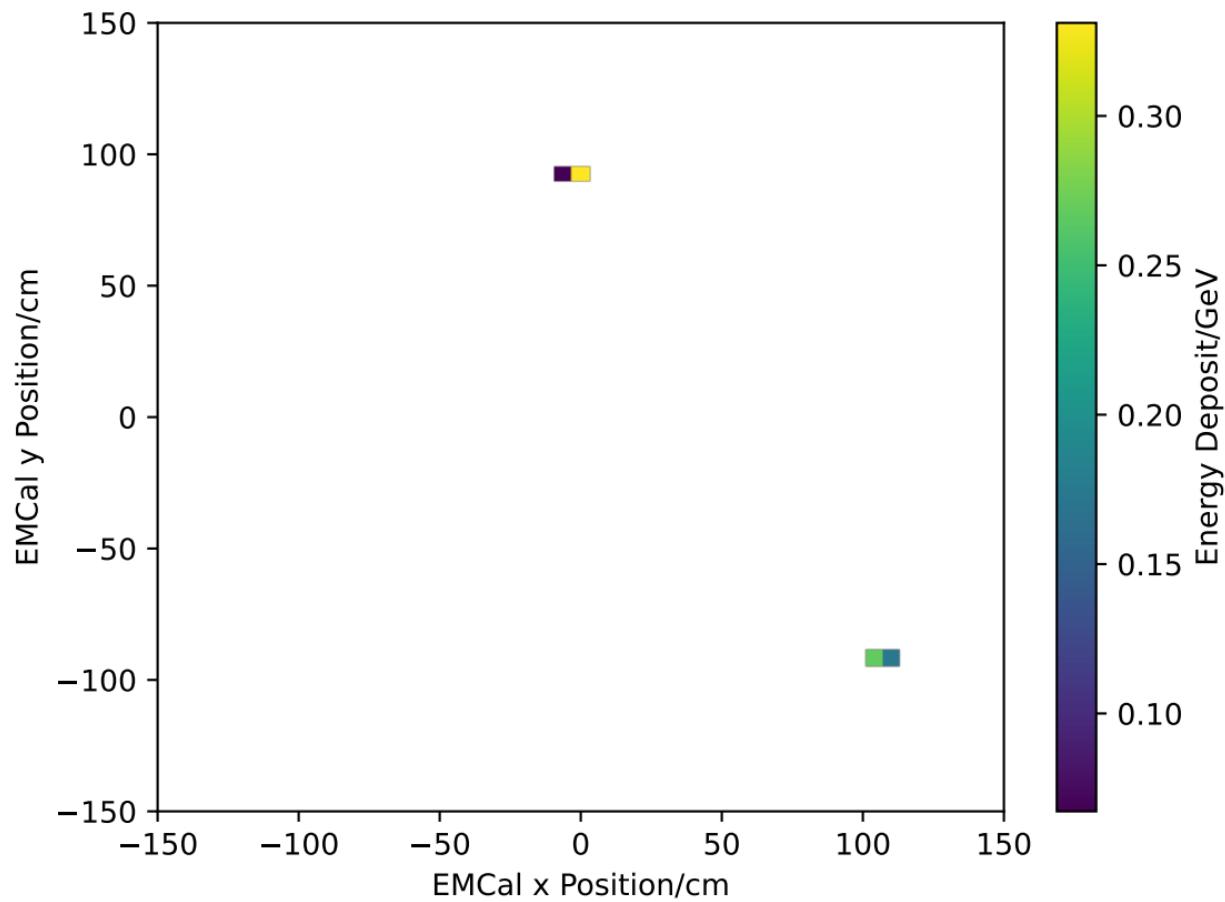
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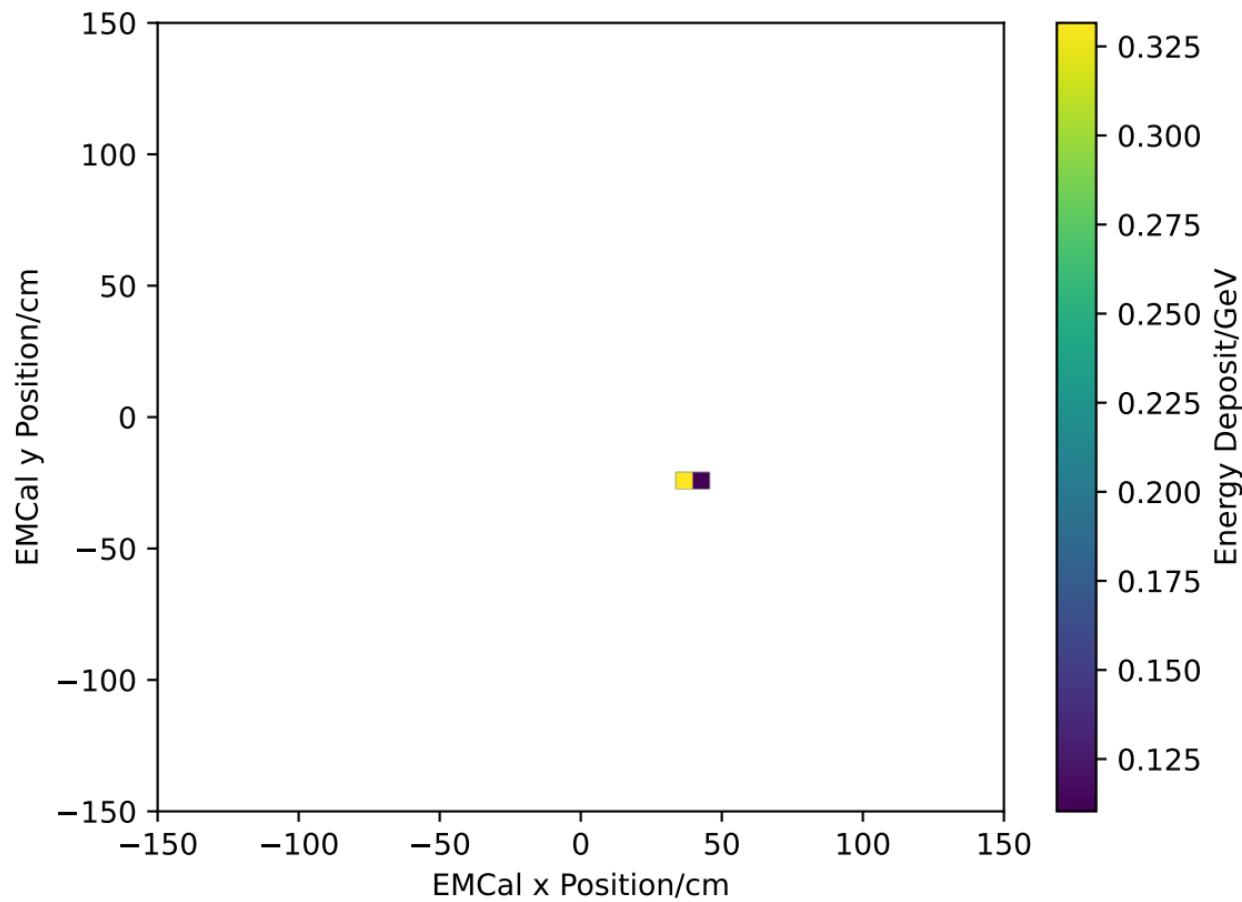
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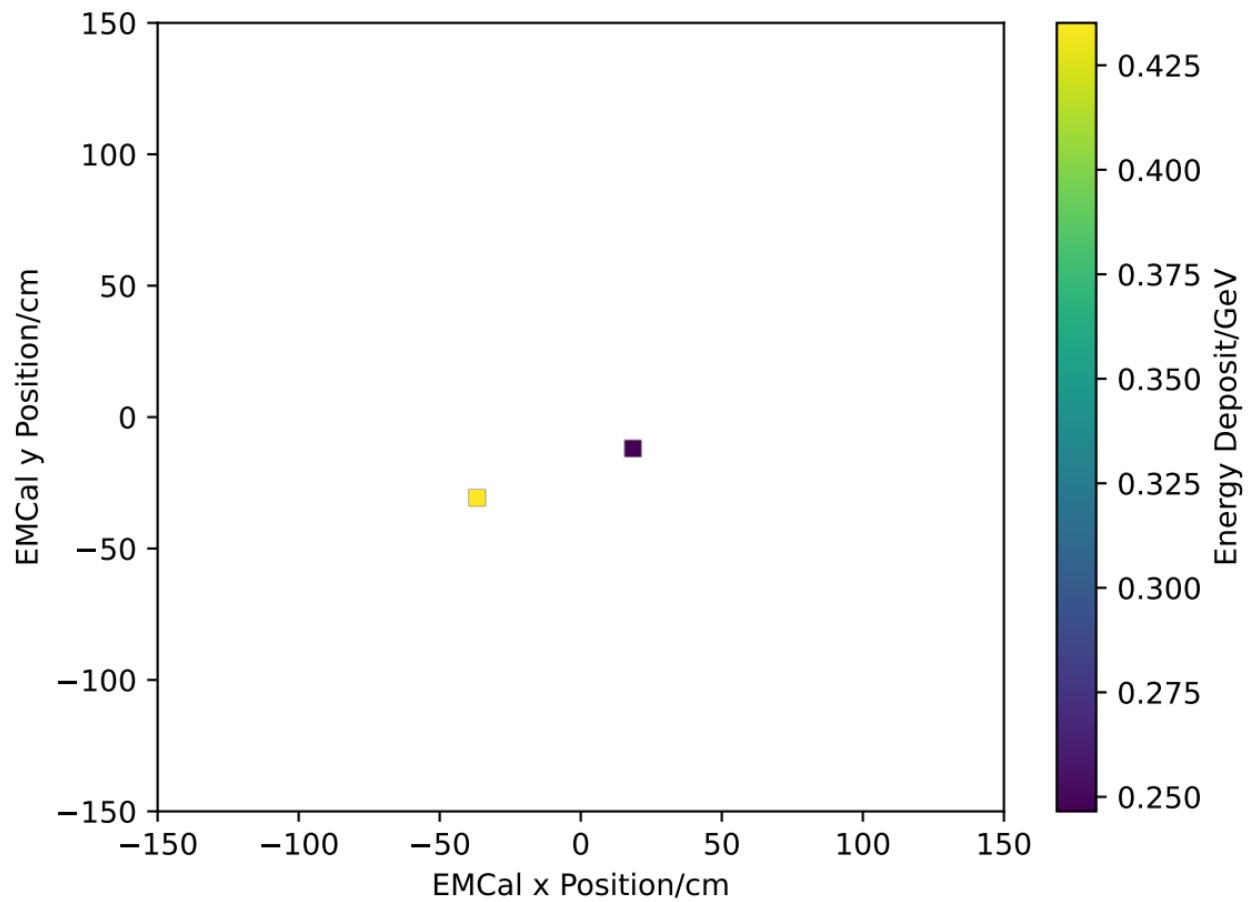


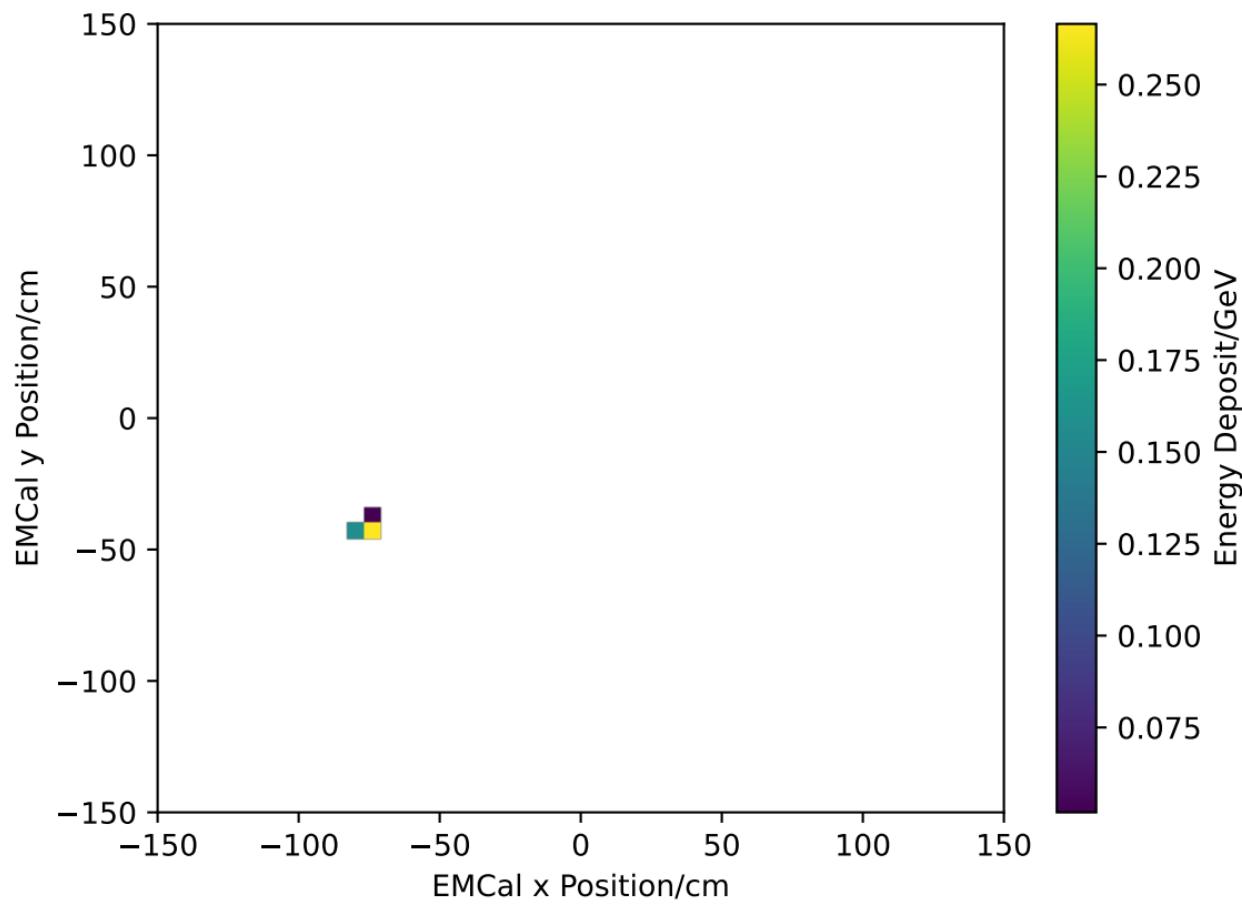




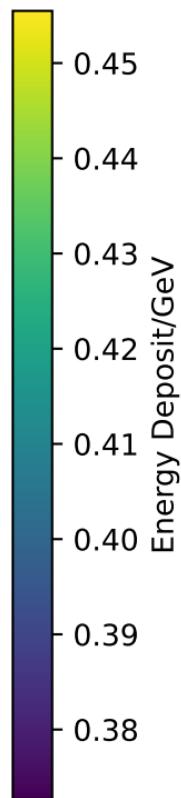
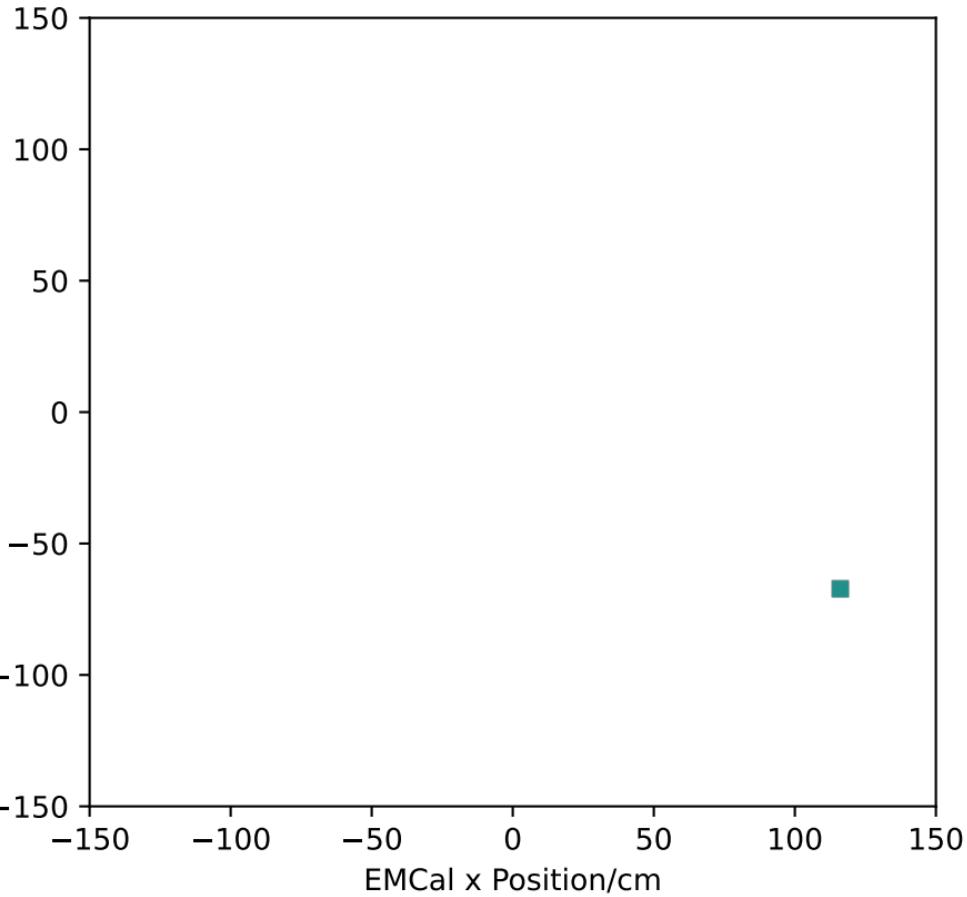








EMCal y Position/cm



EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



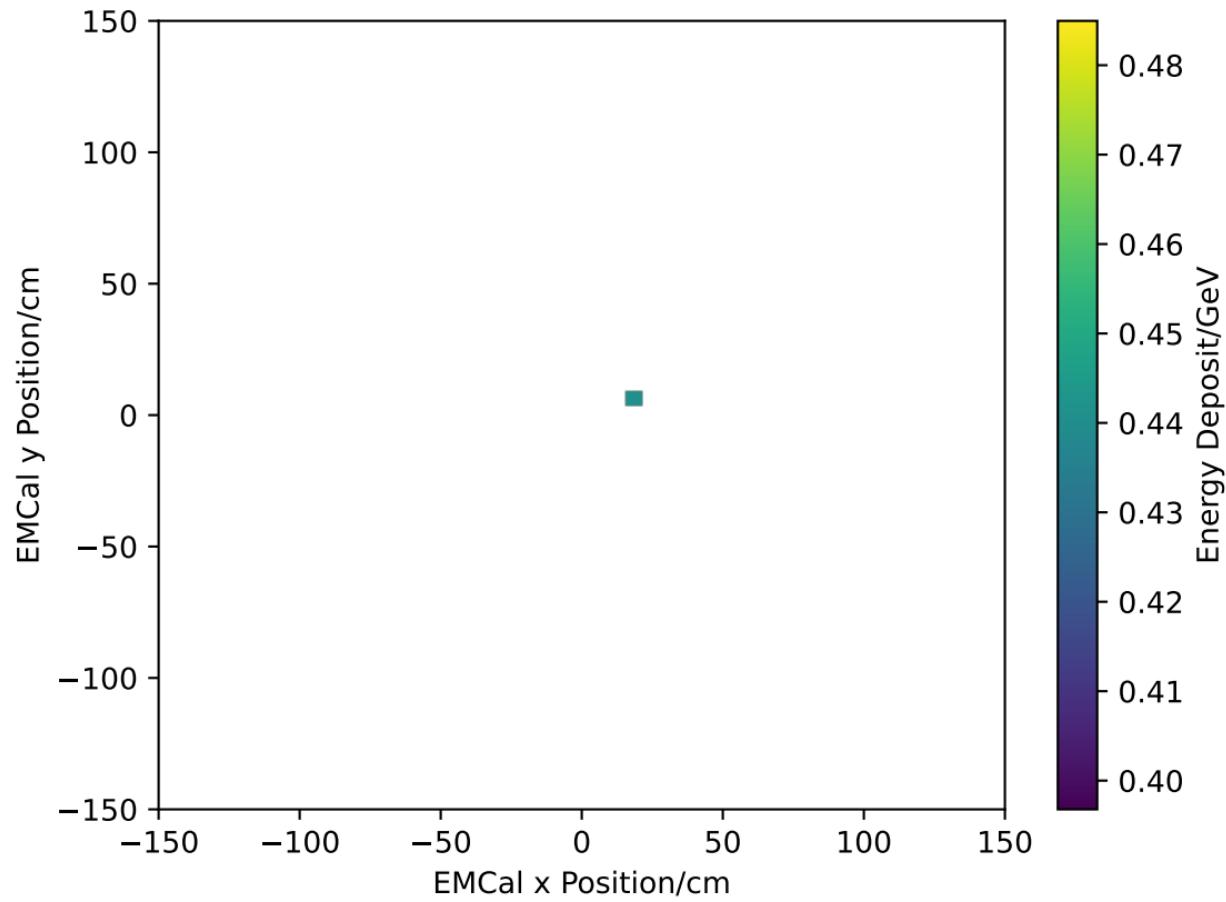
Energy Deposit/GeV

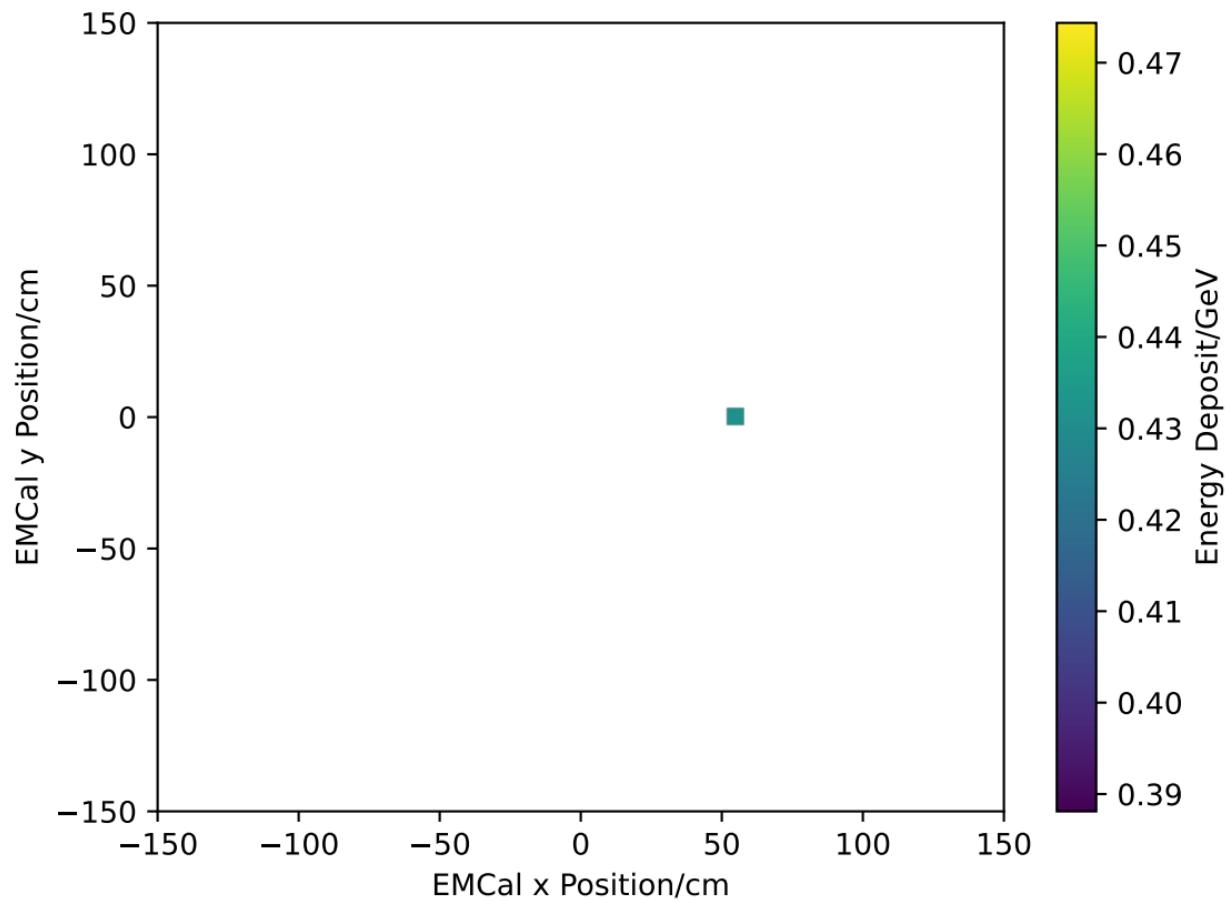
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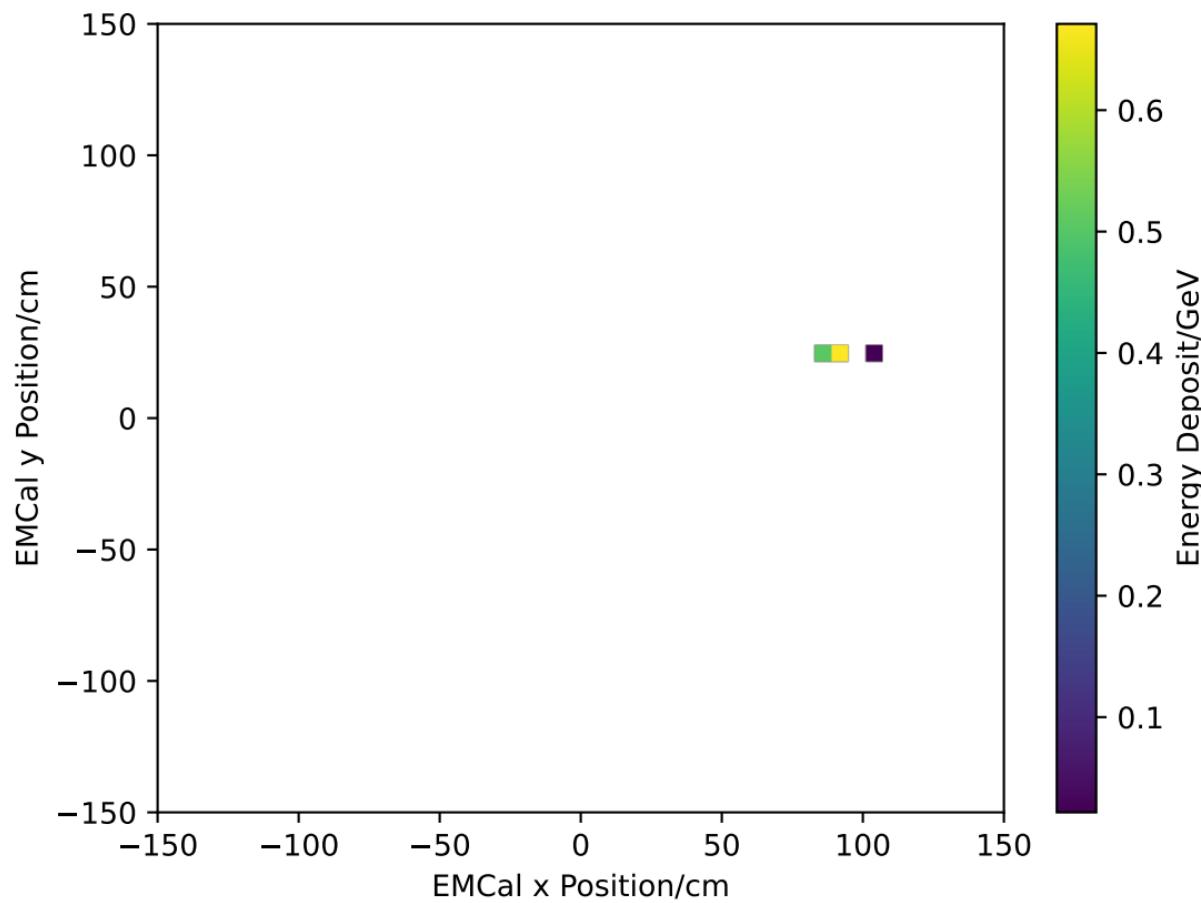
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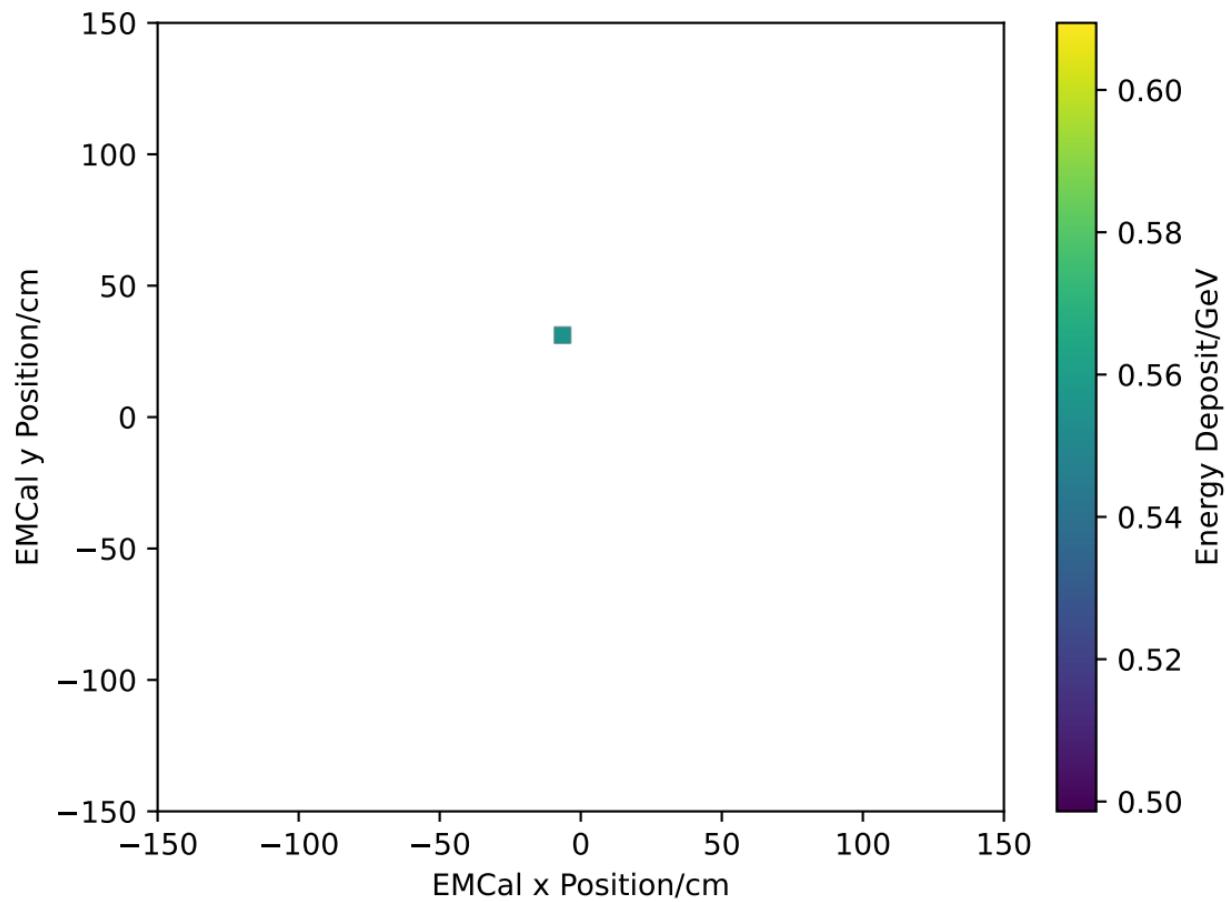
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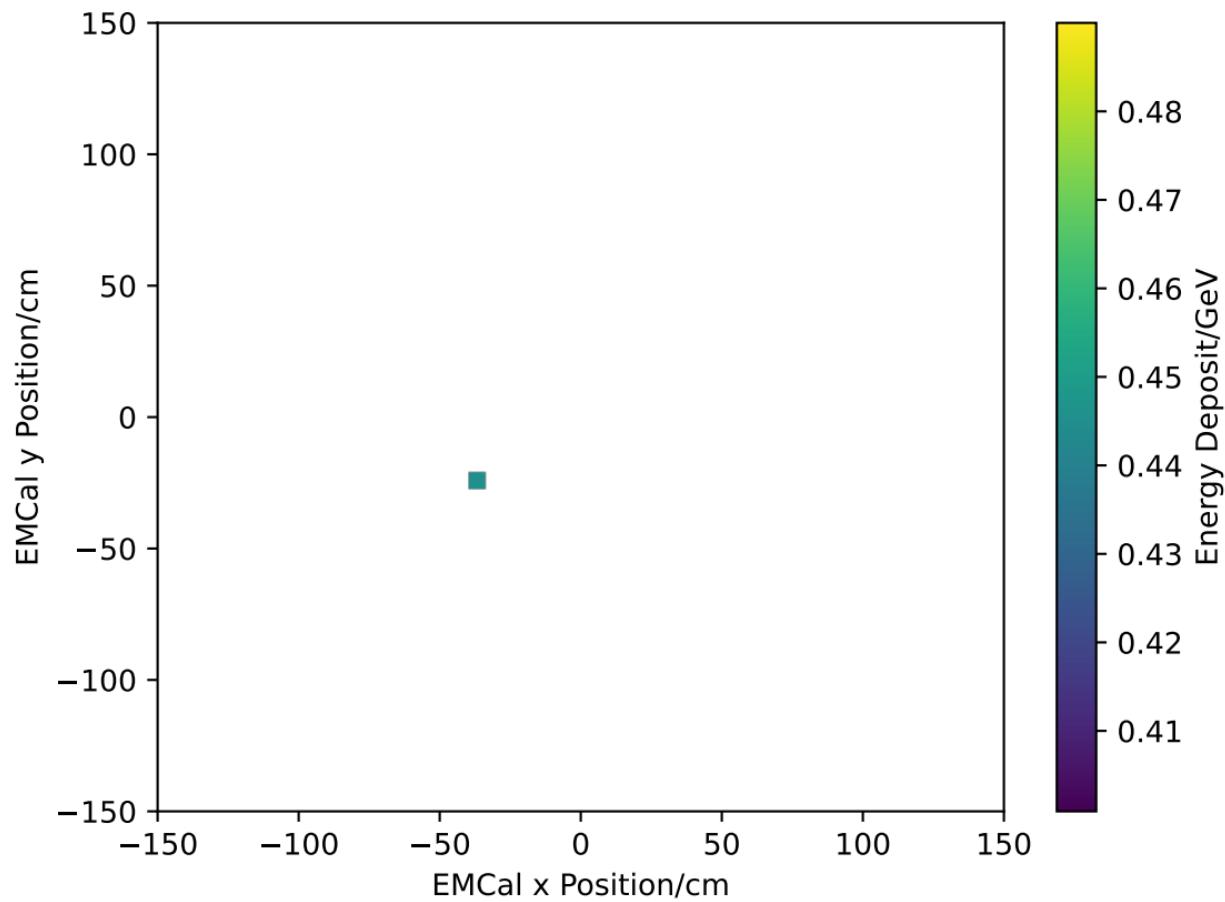
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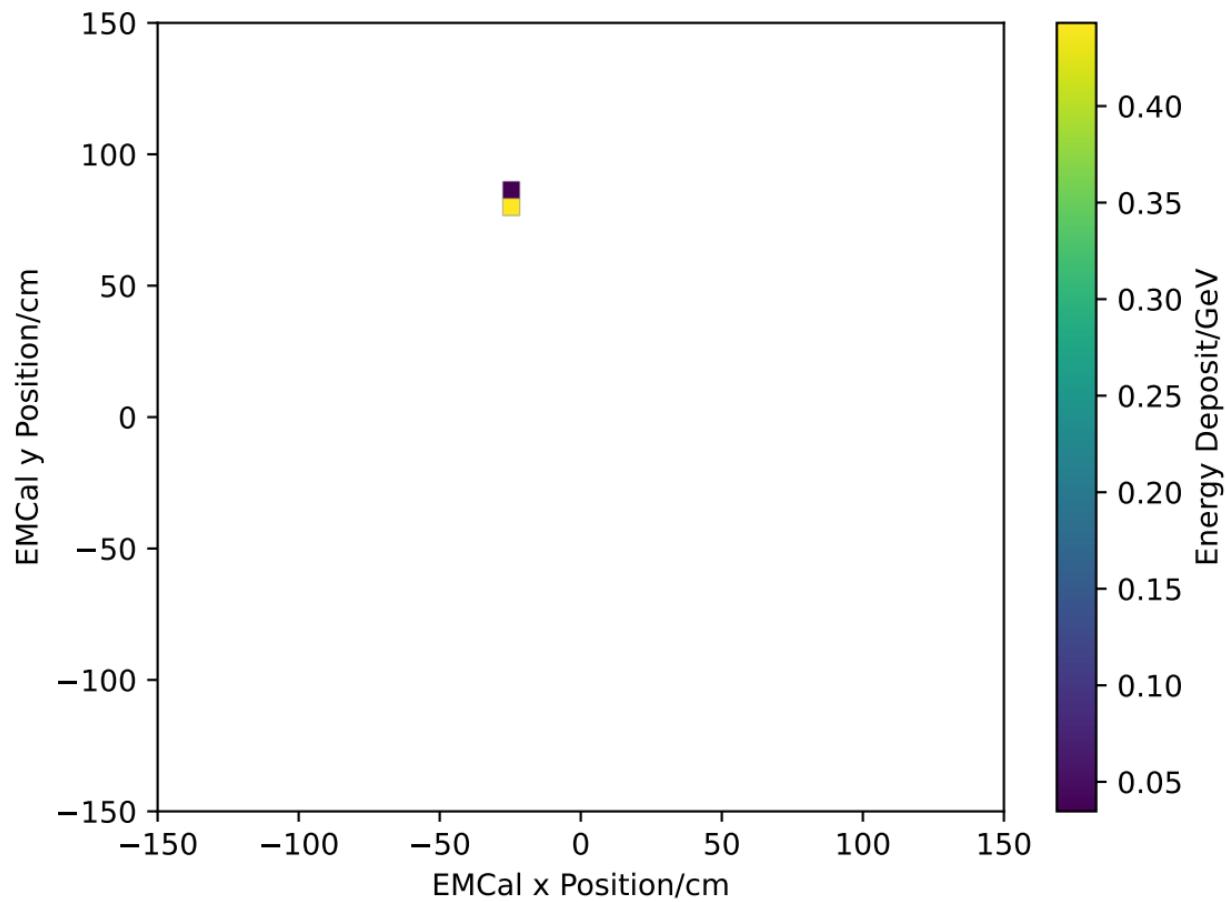


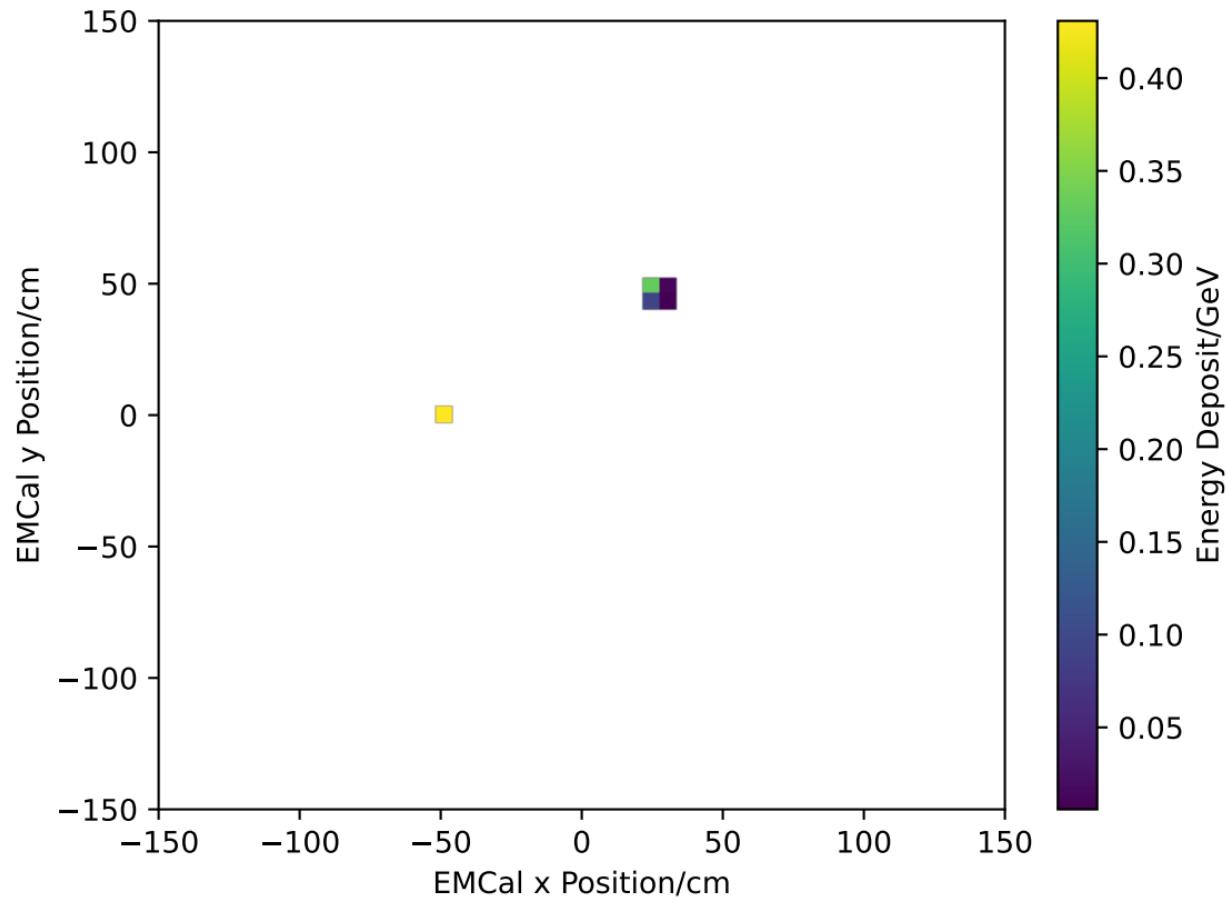


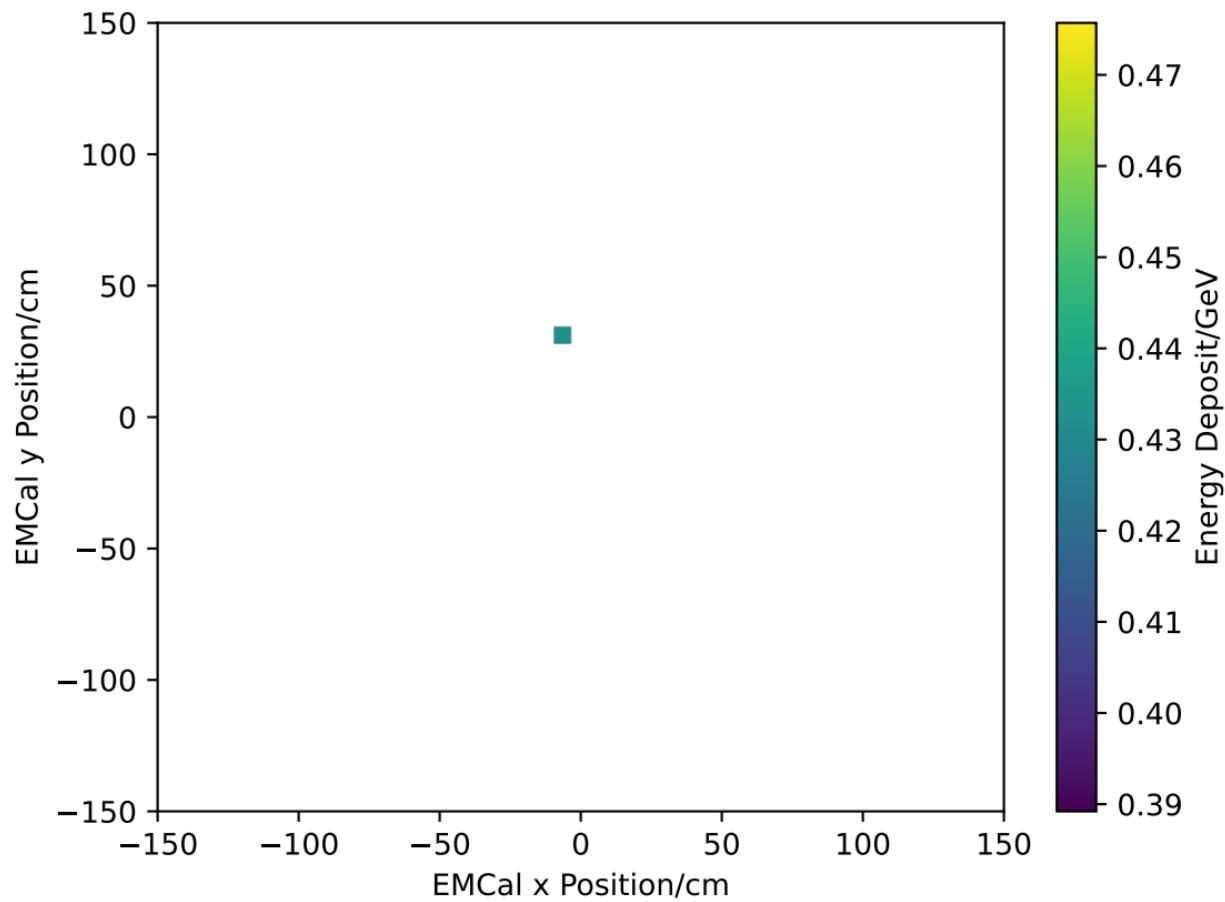


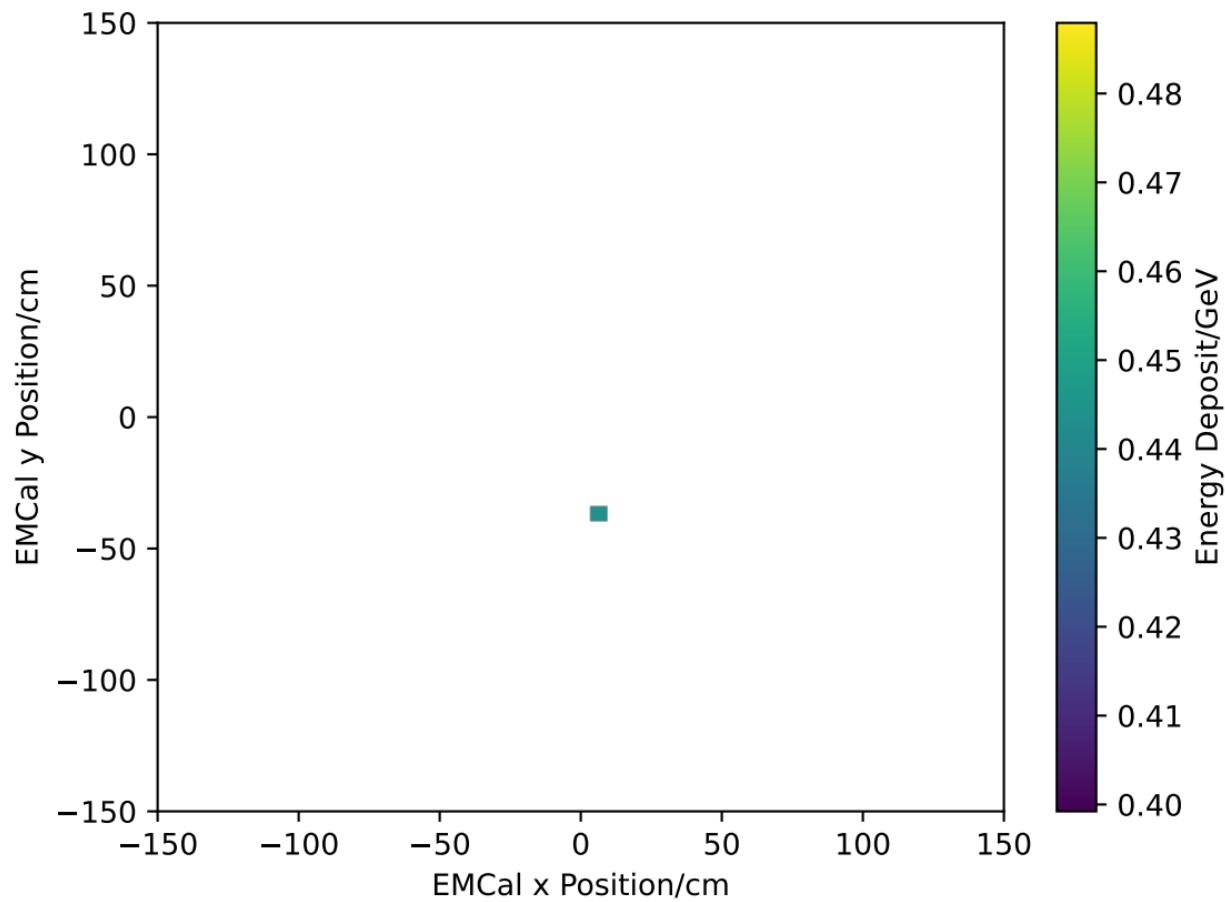


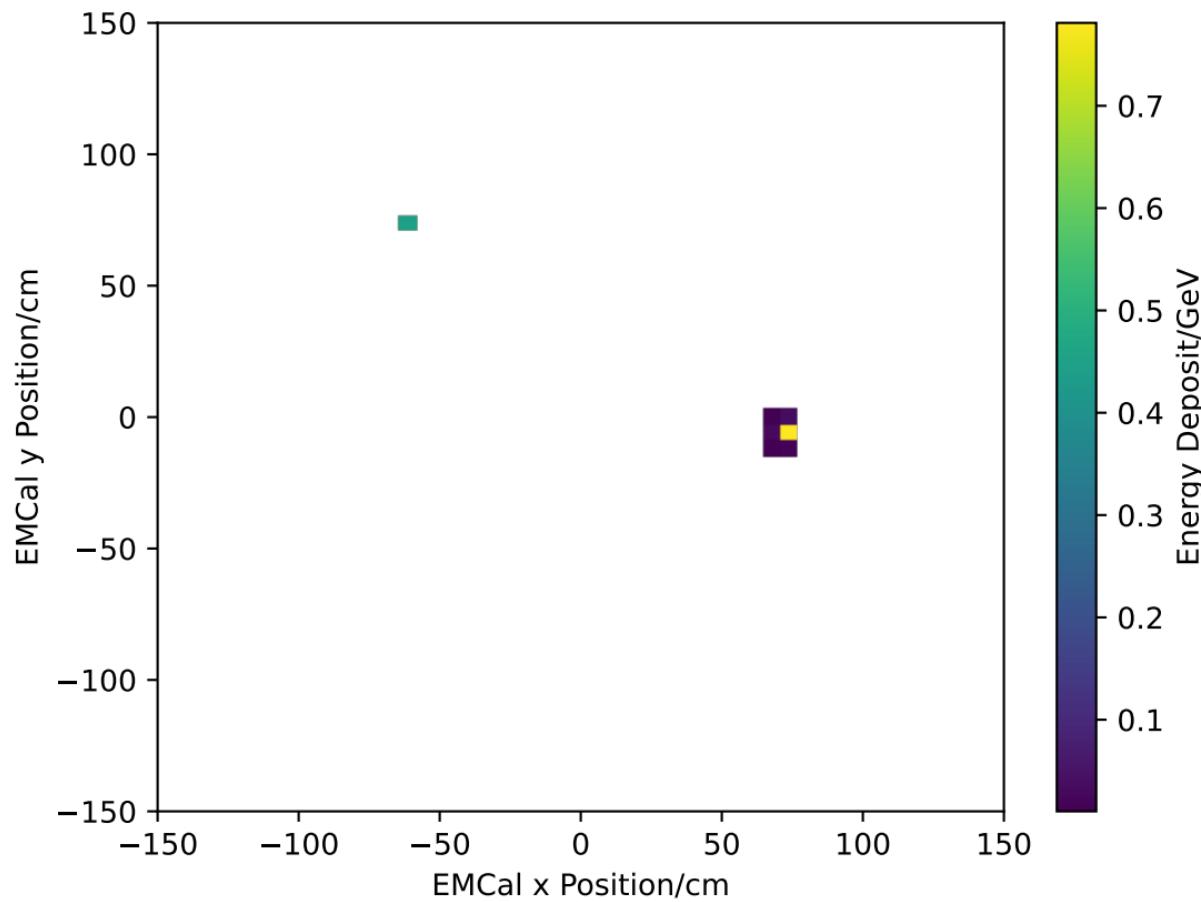


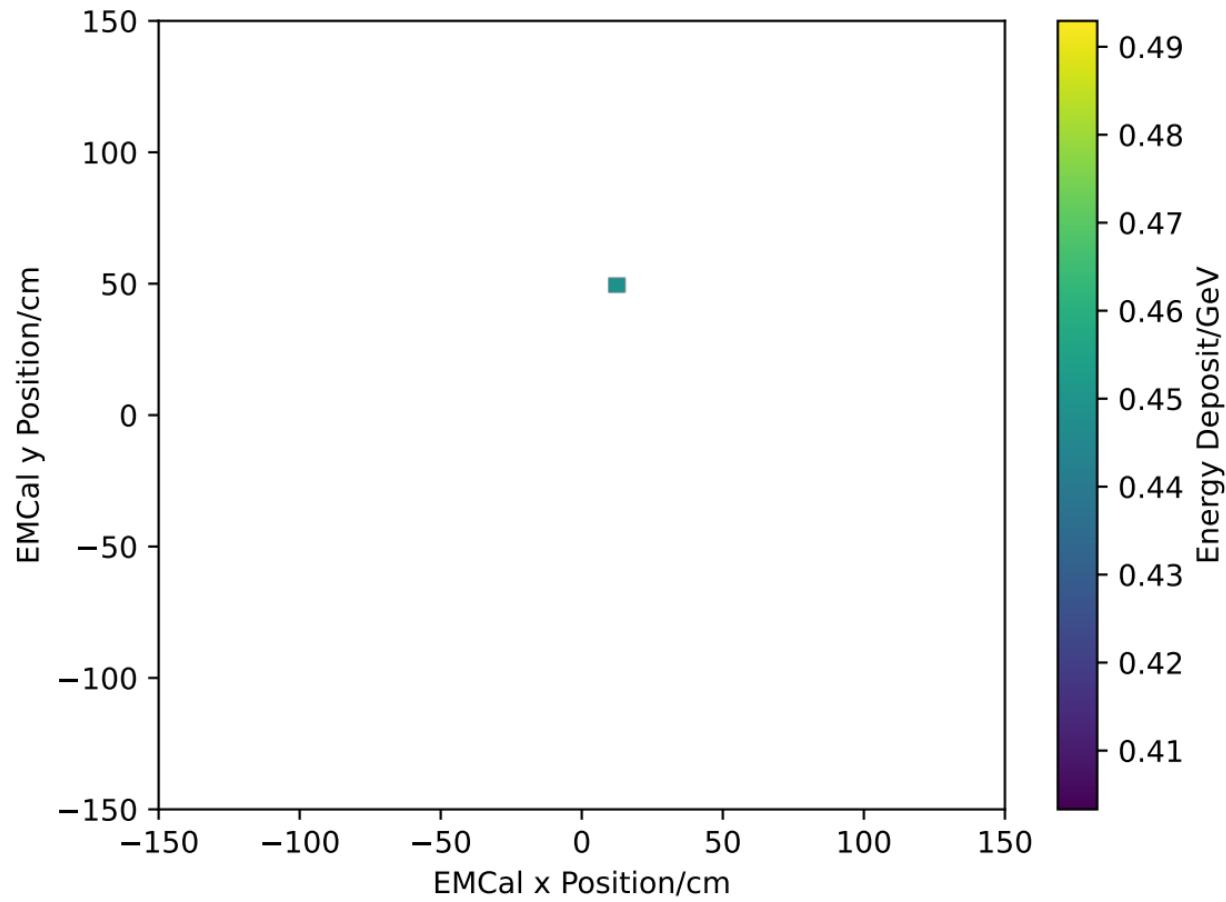


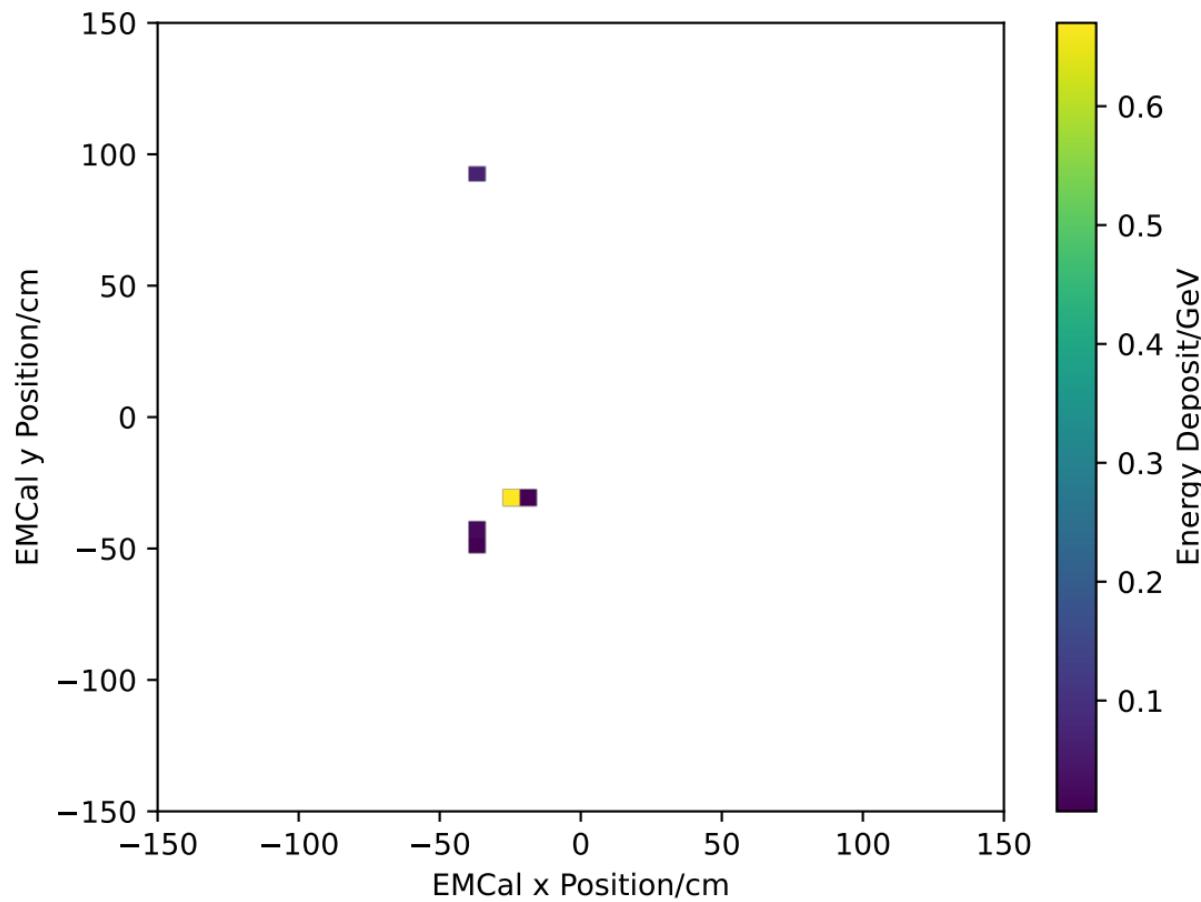


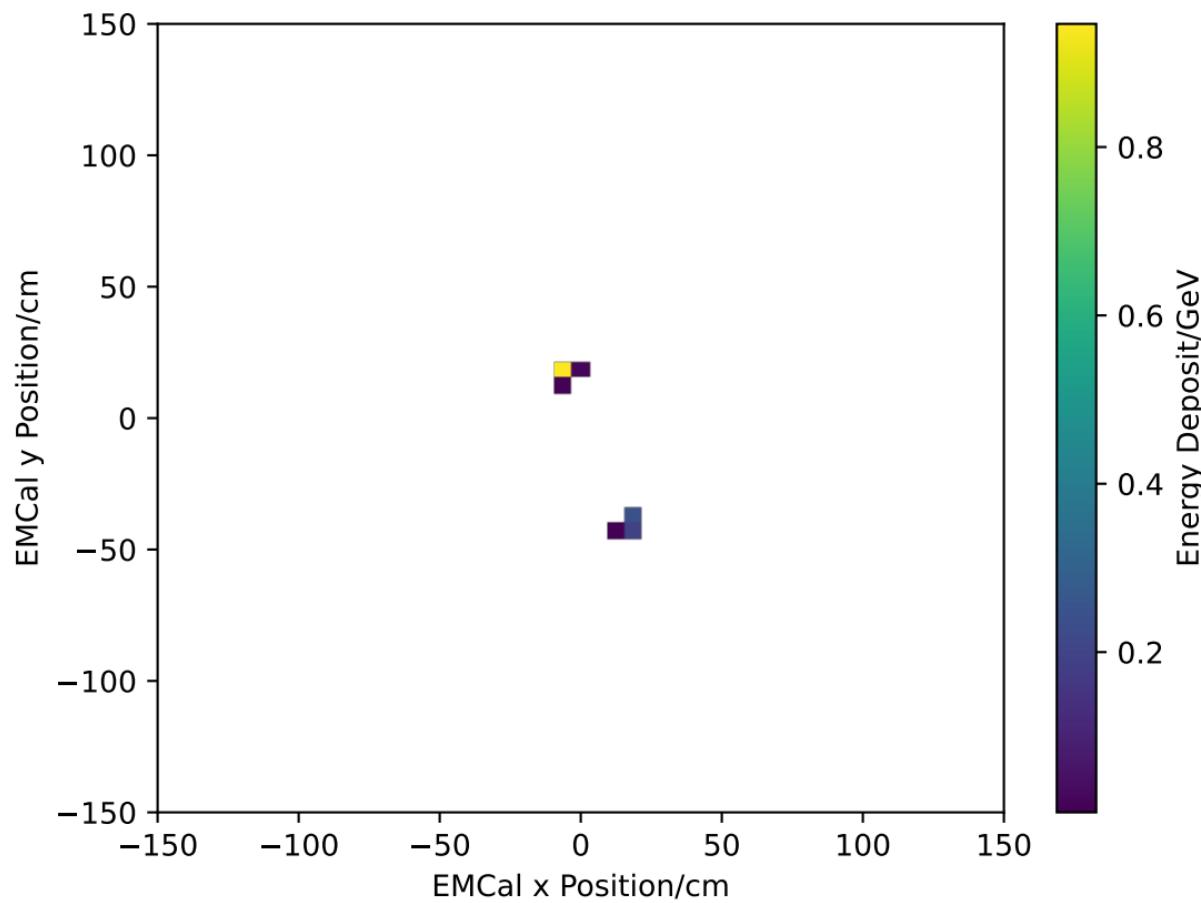


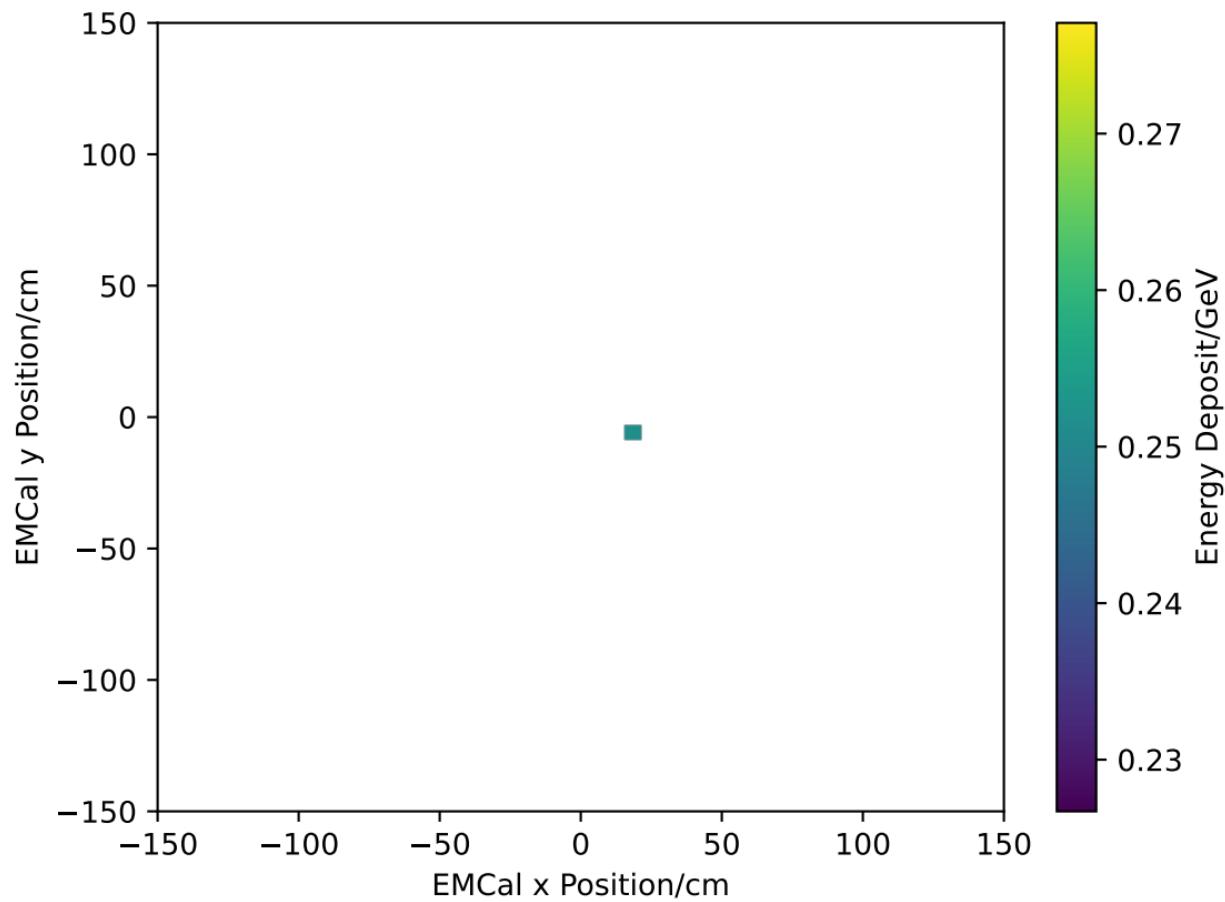


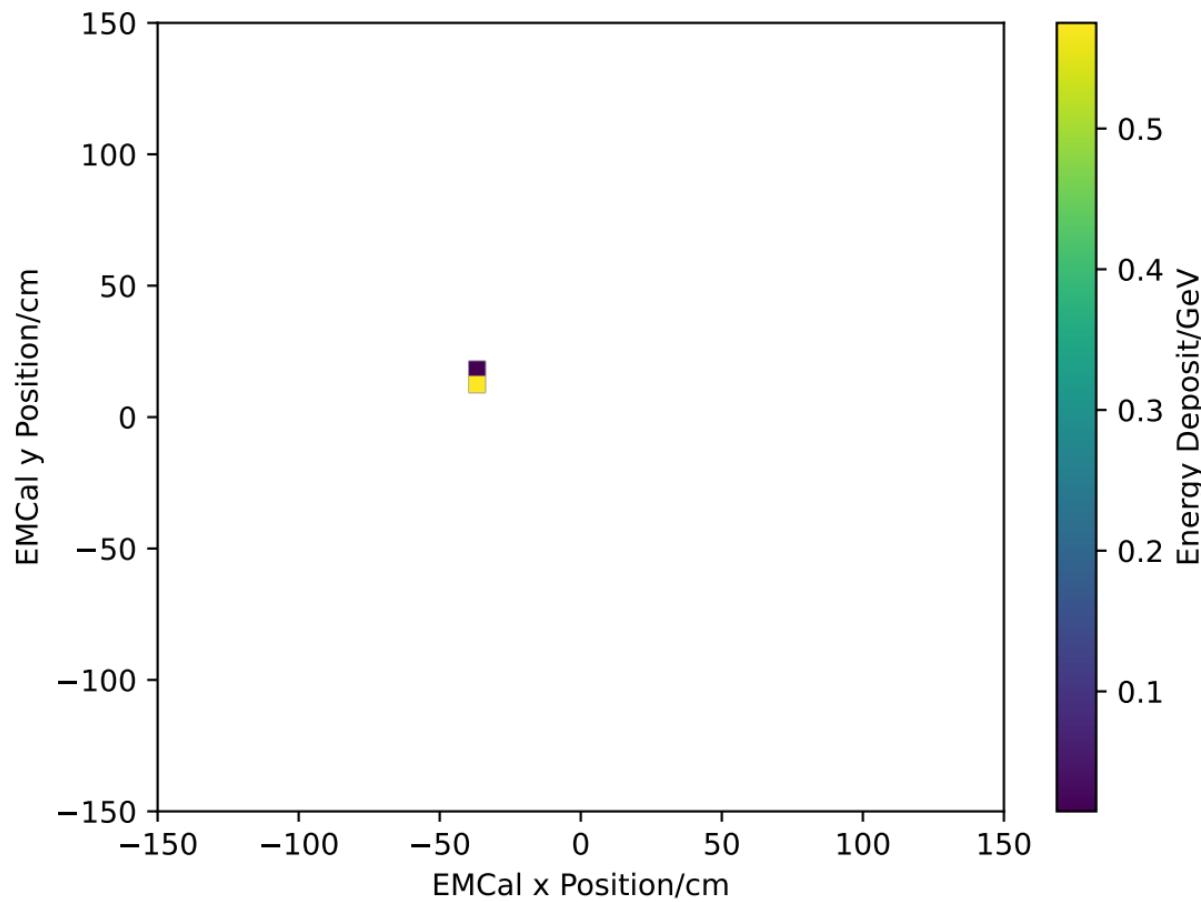


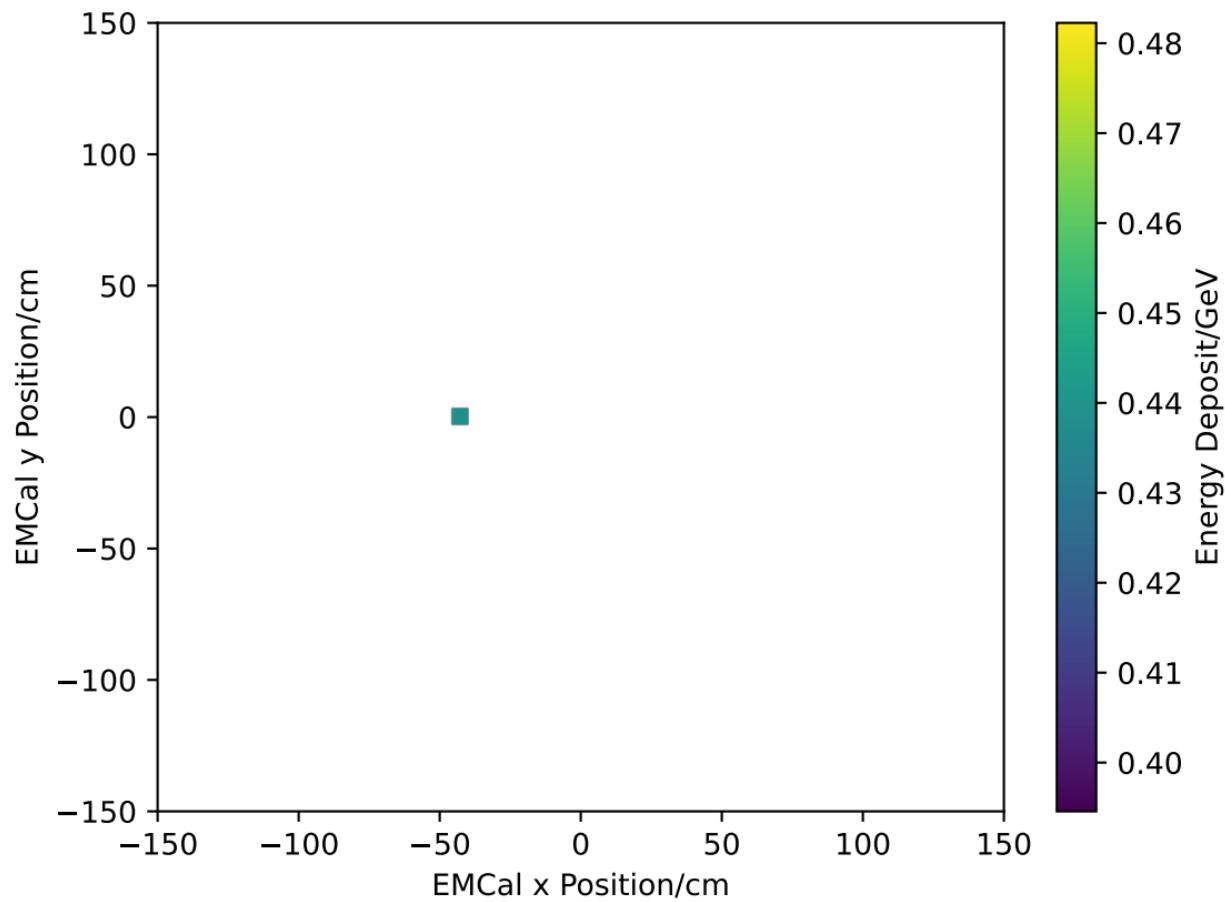




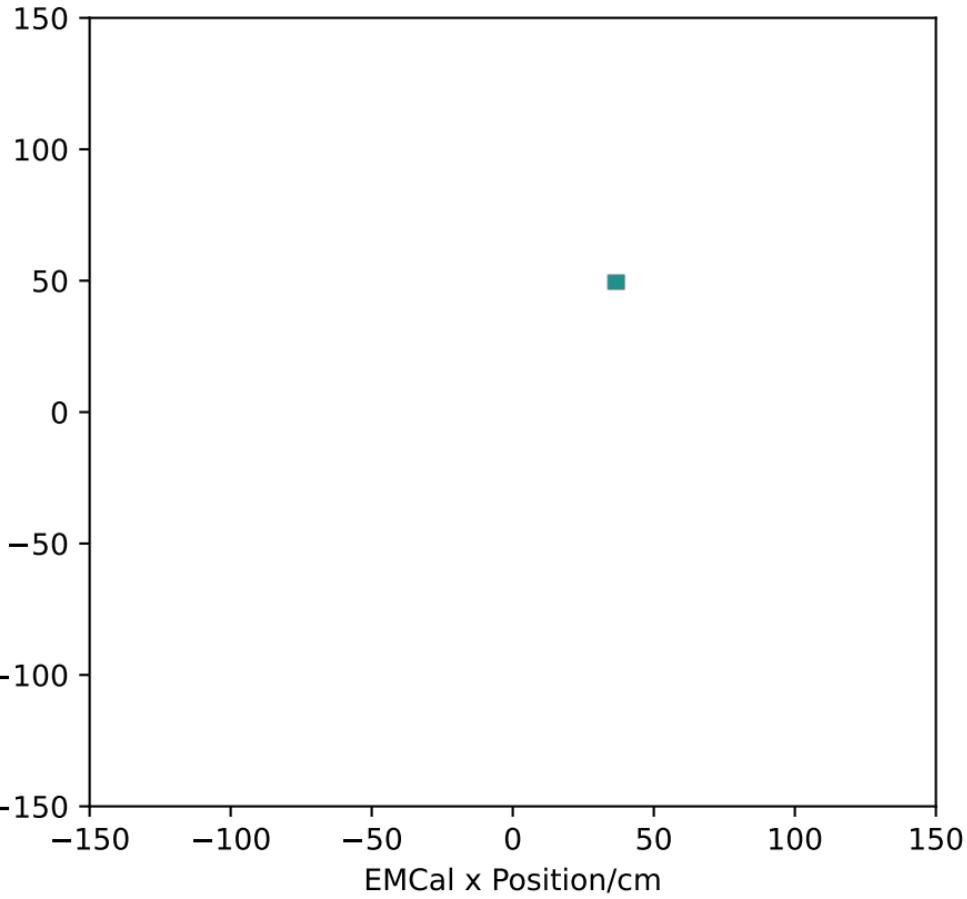




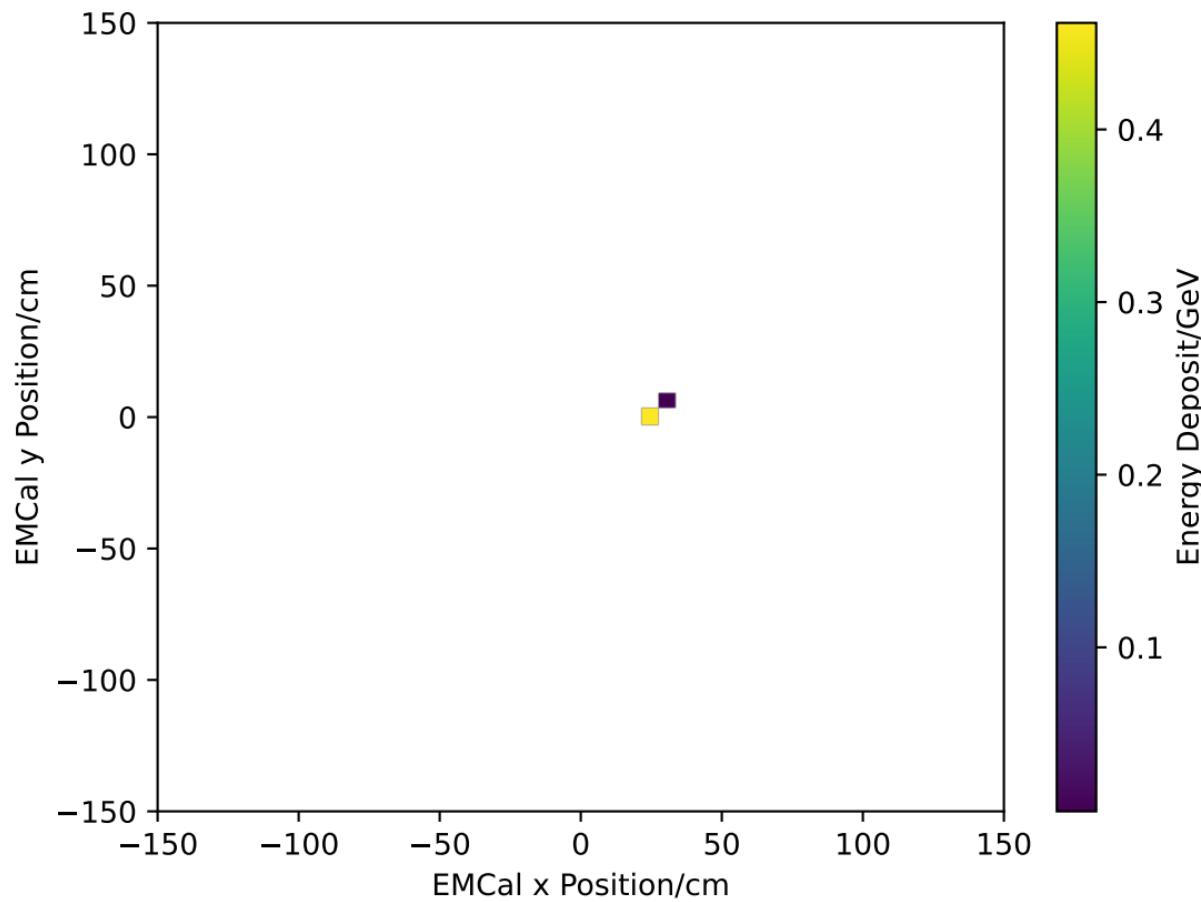


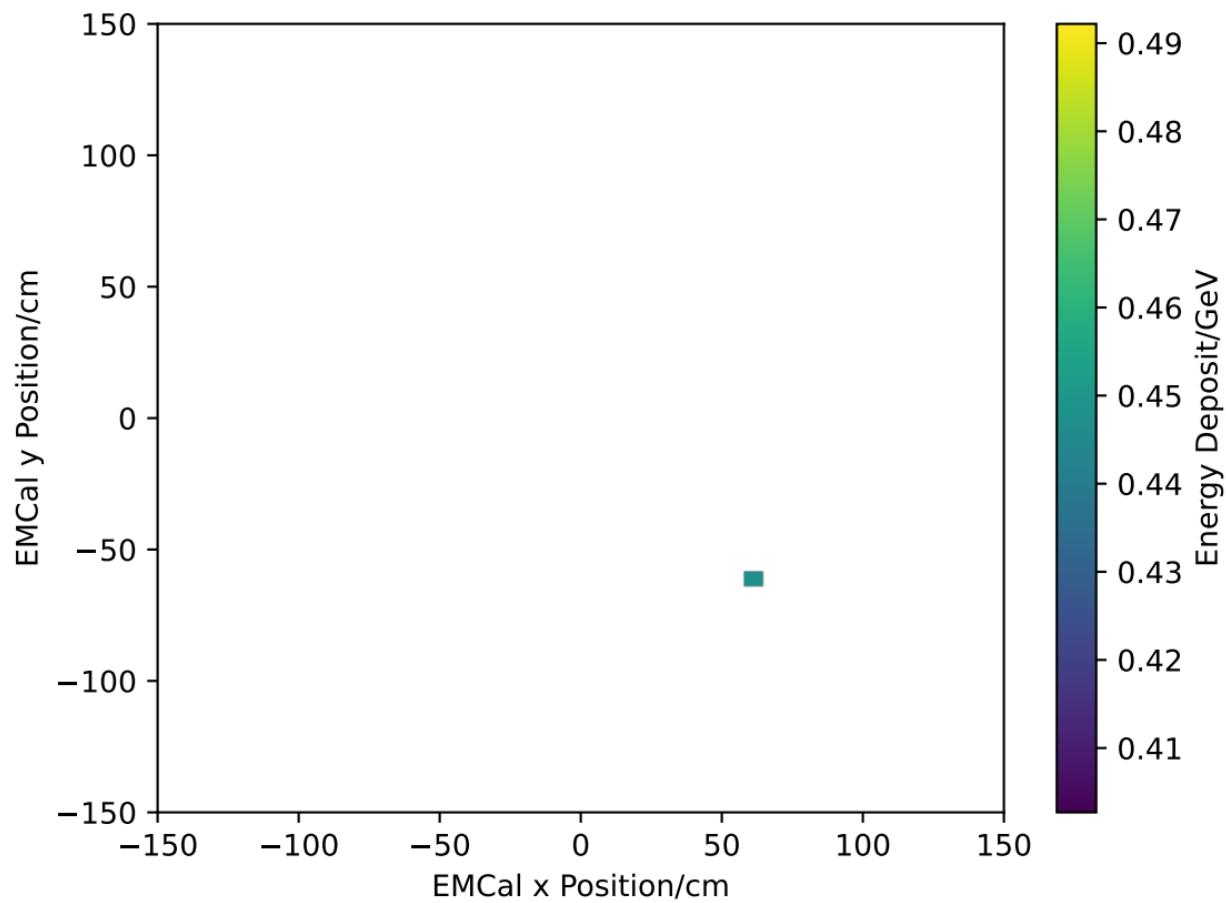


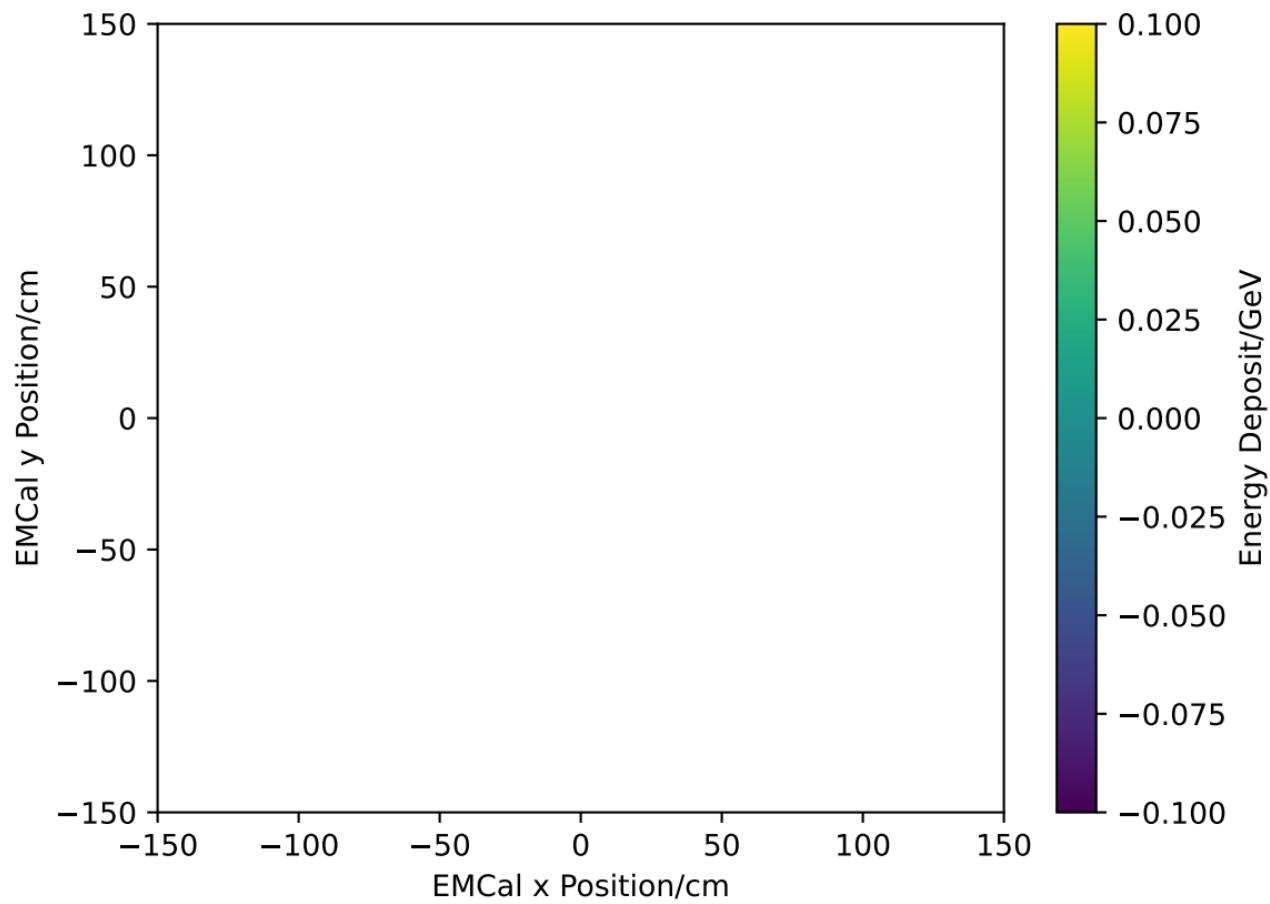
EMCal y Position/cm



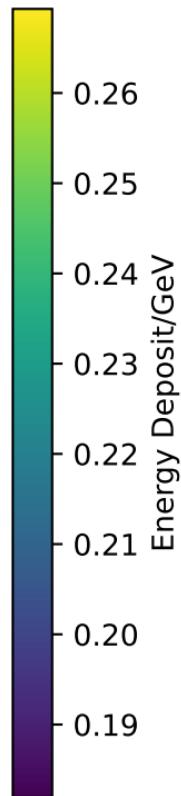
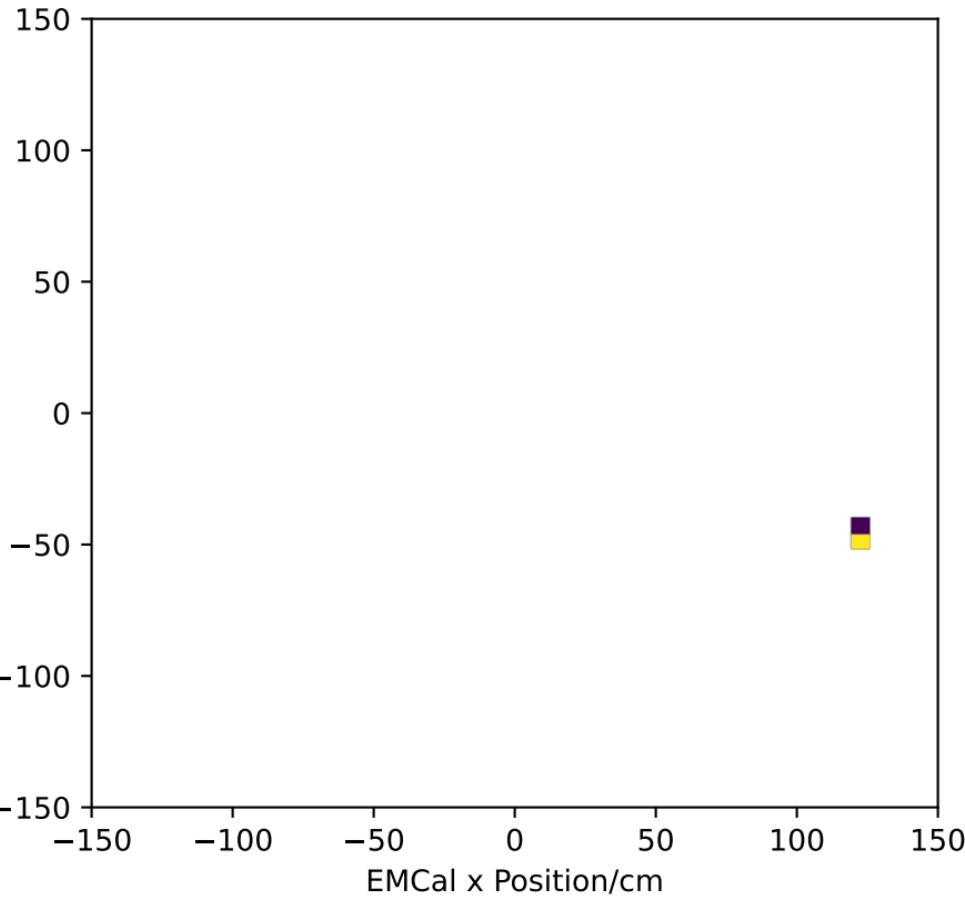
Energy Deposit/GeV

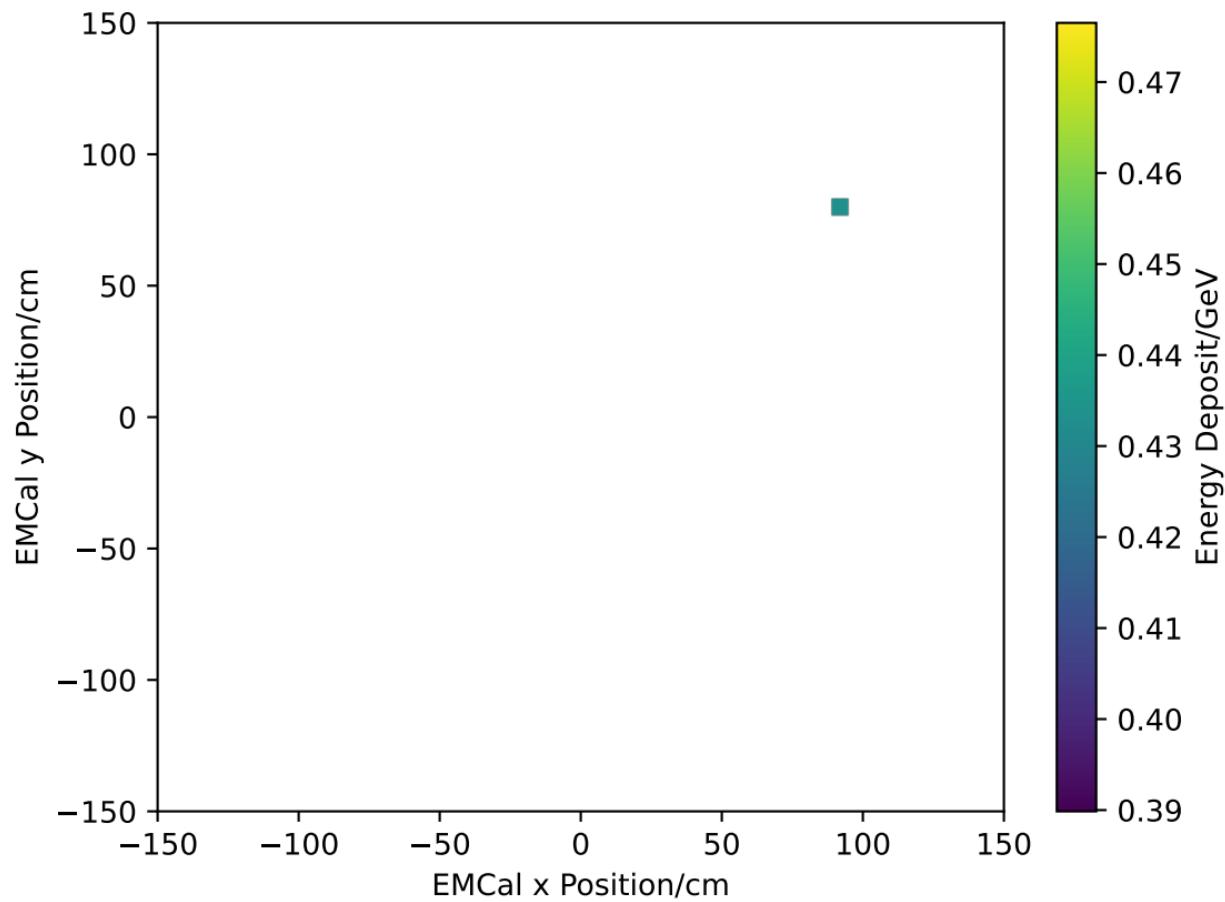


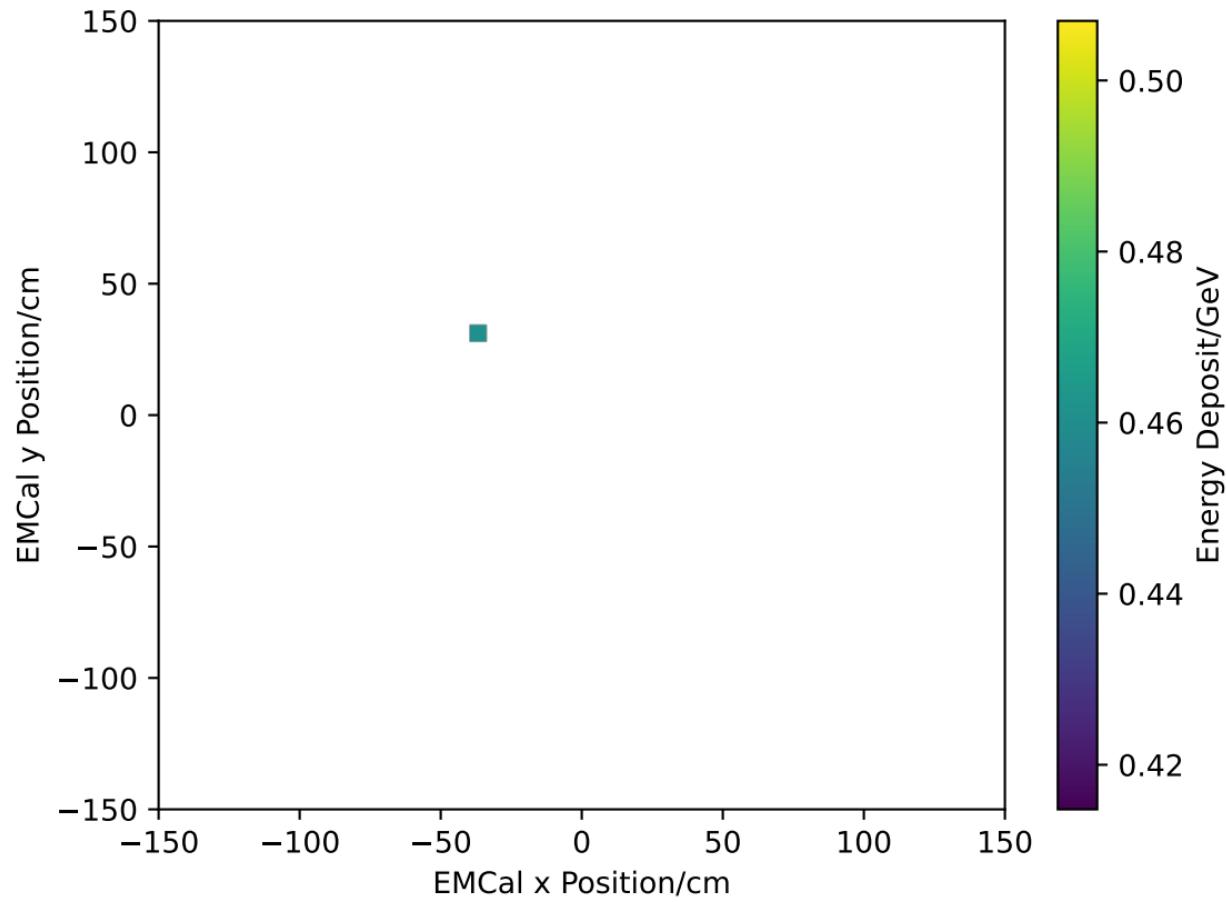




EMCal y Position/cm







EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

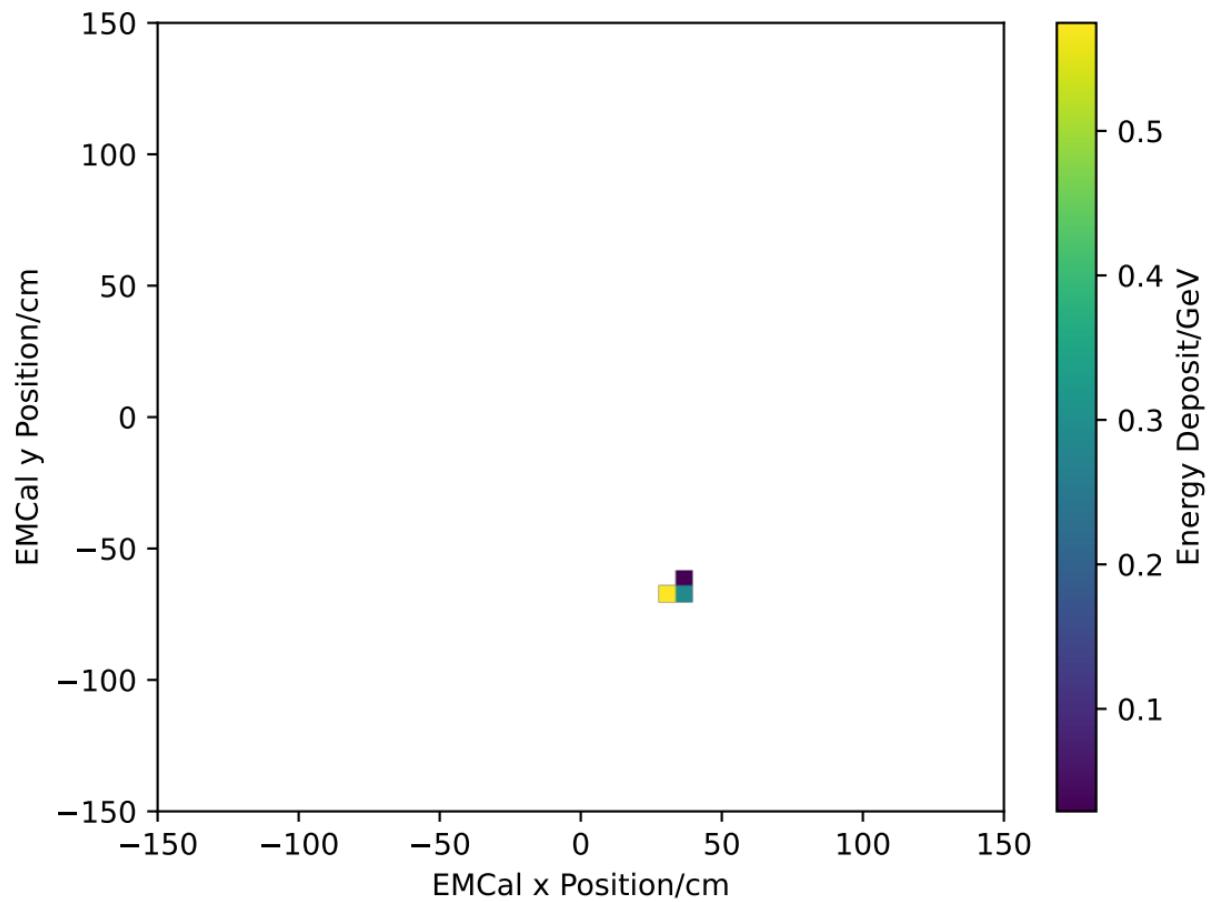
100

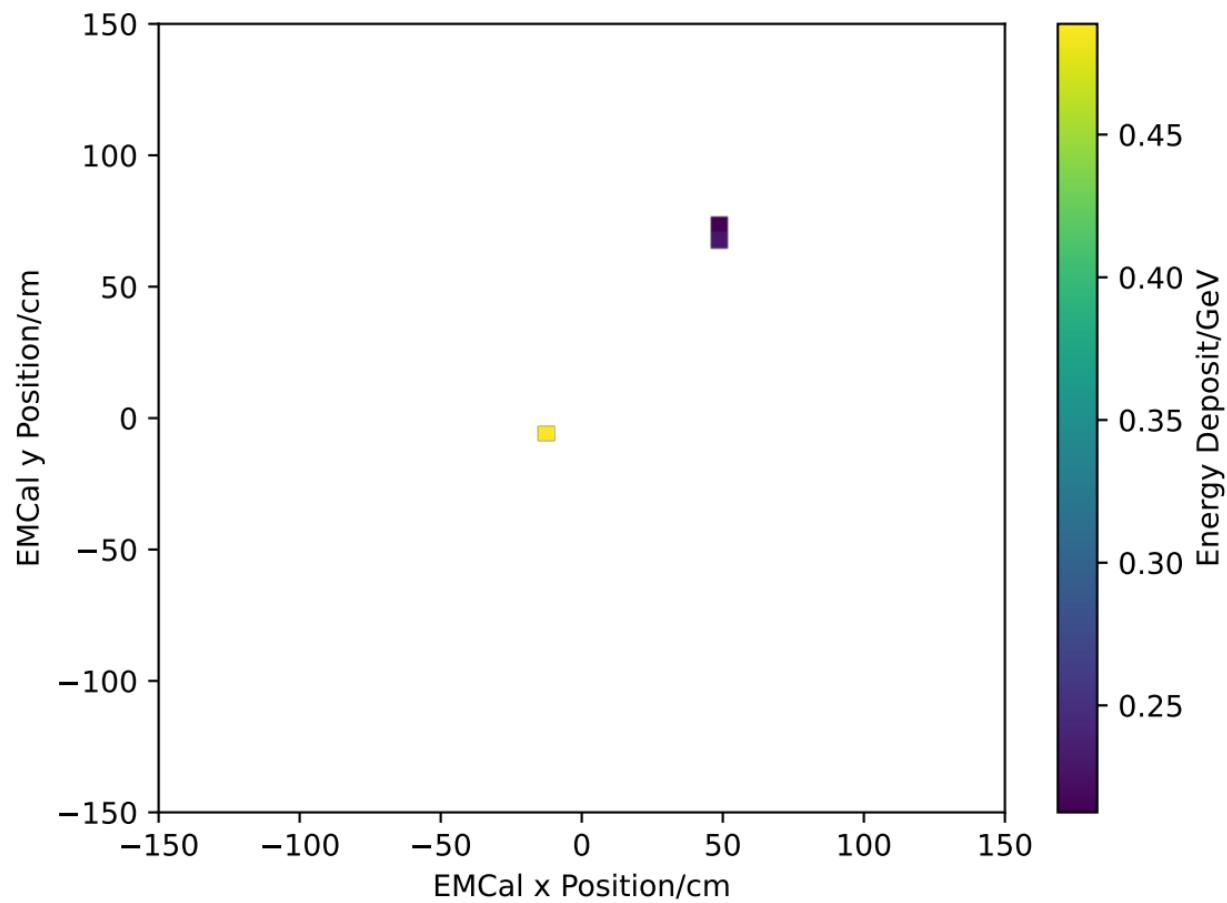
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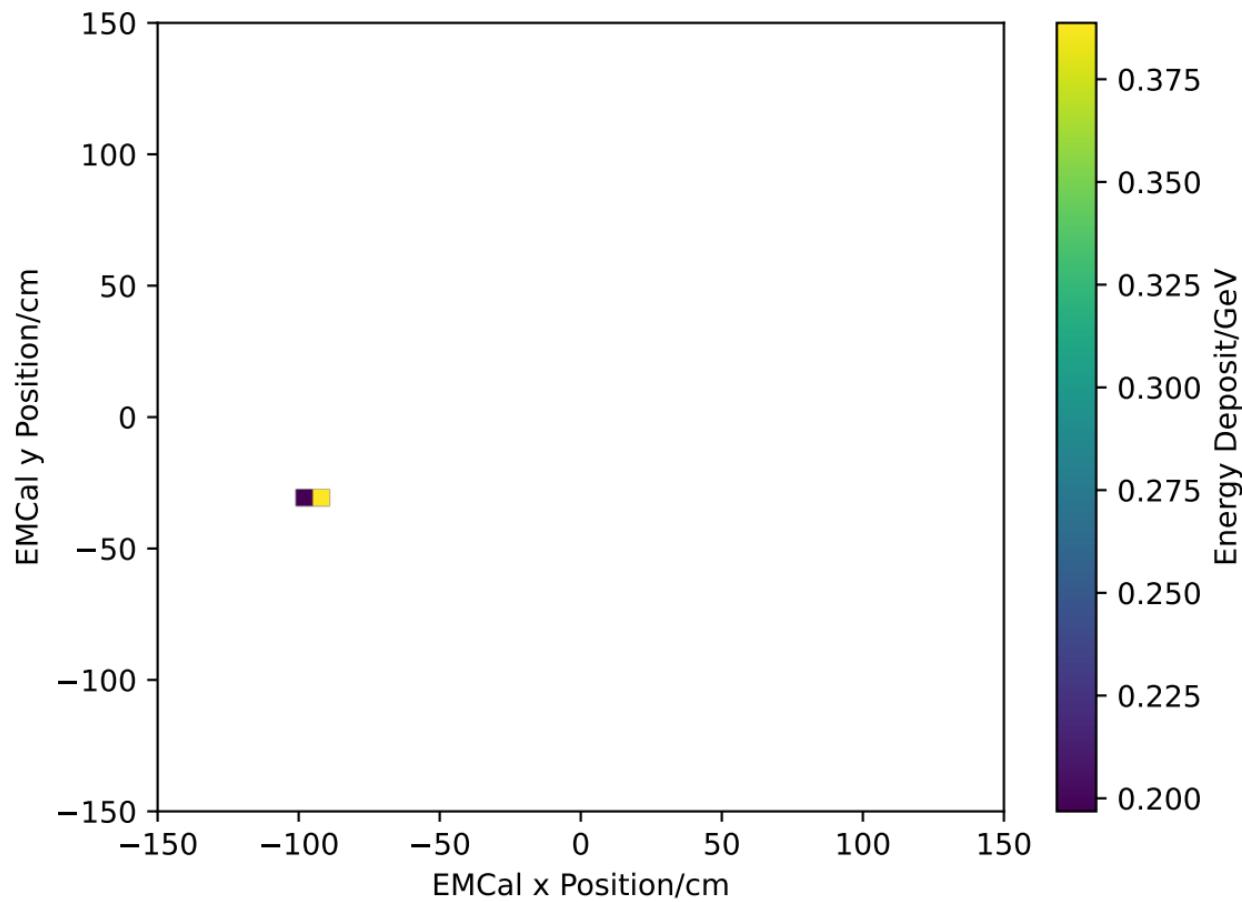
EMCal x Position/cm

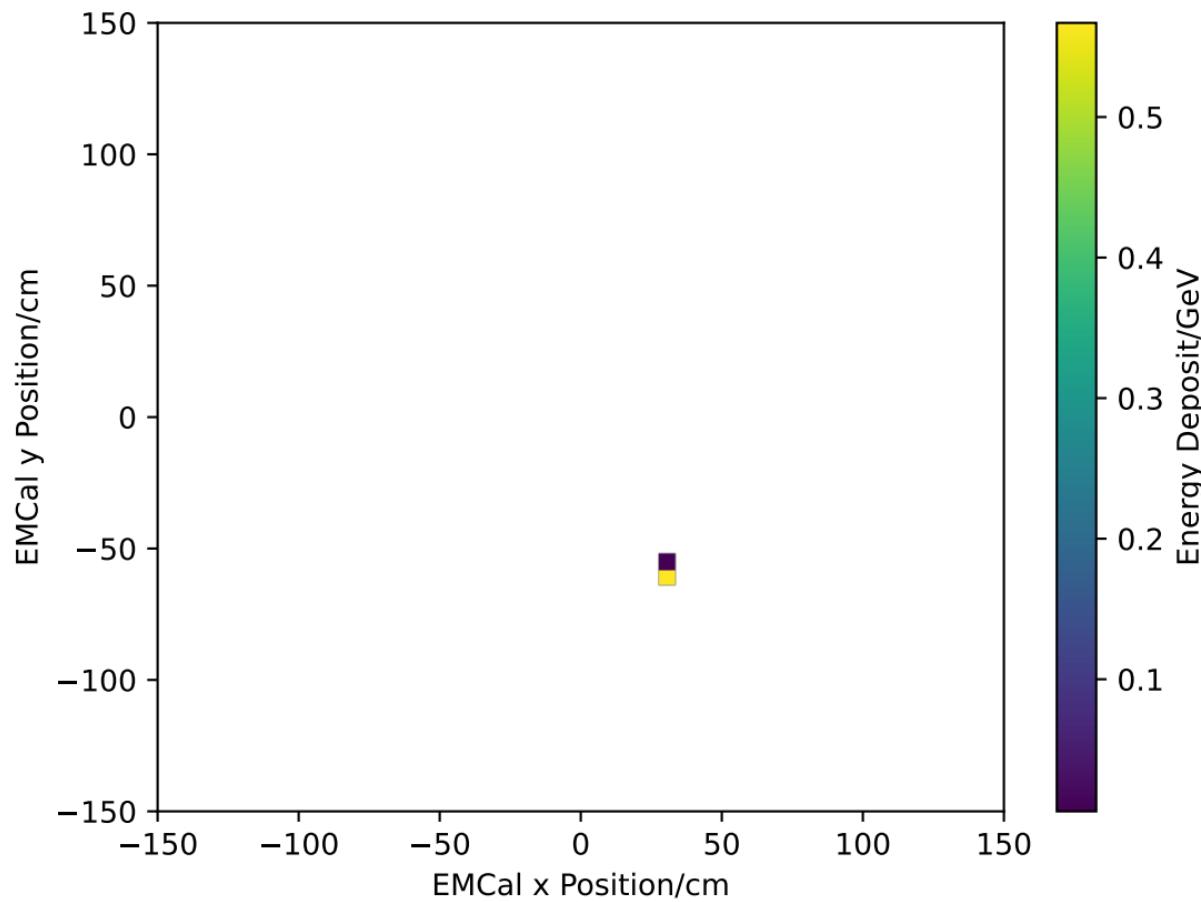


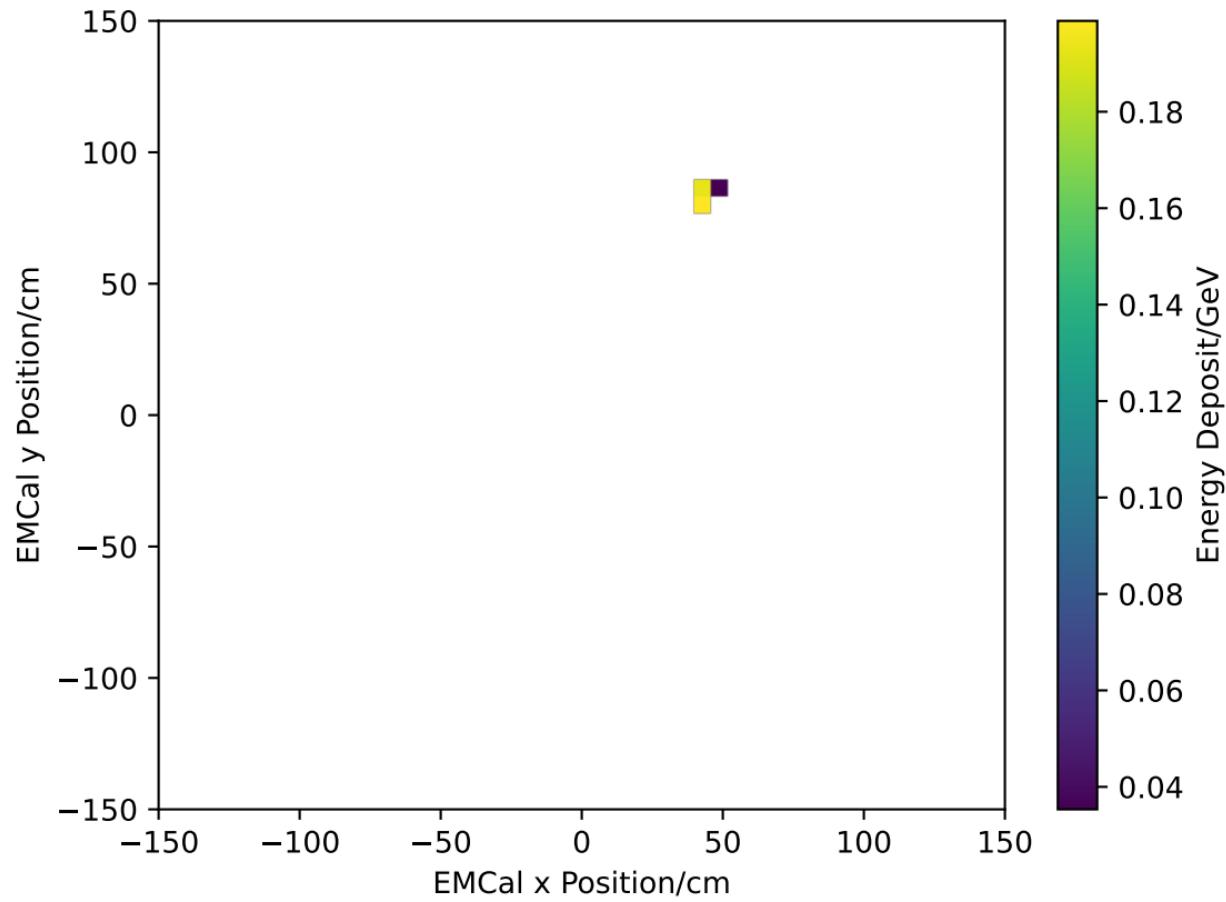
Energy Deposit/GeV

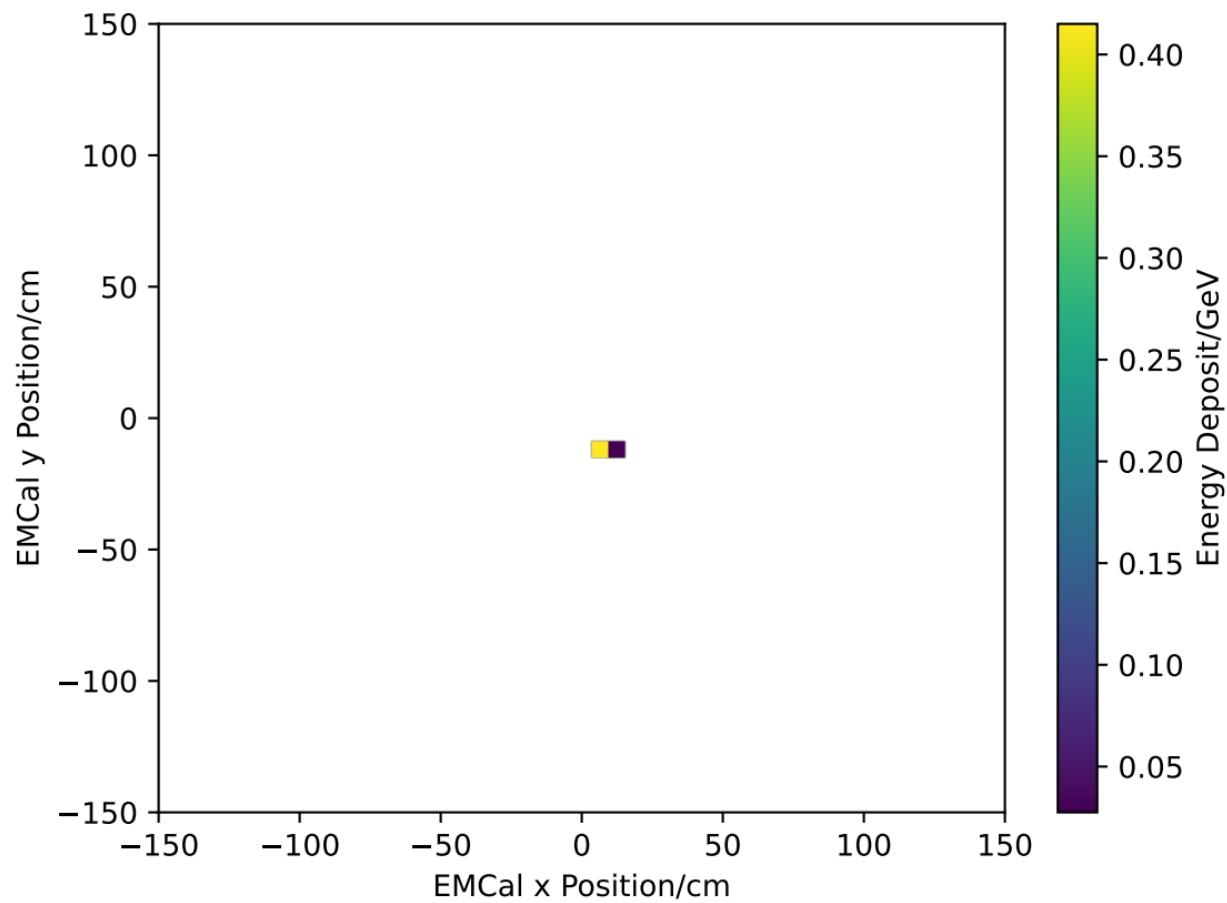


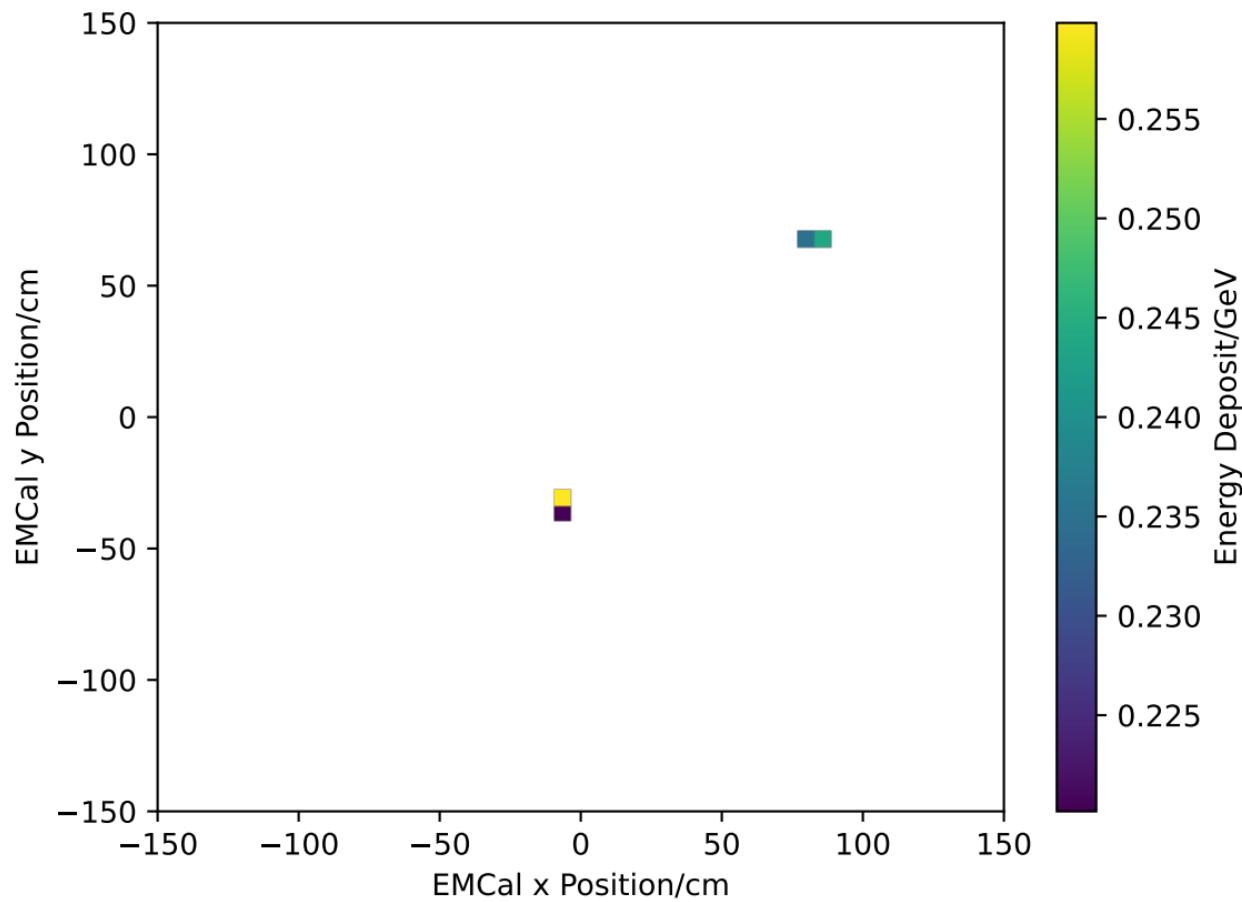


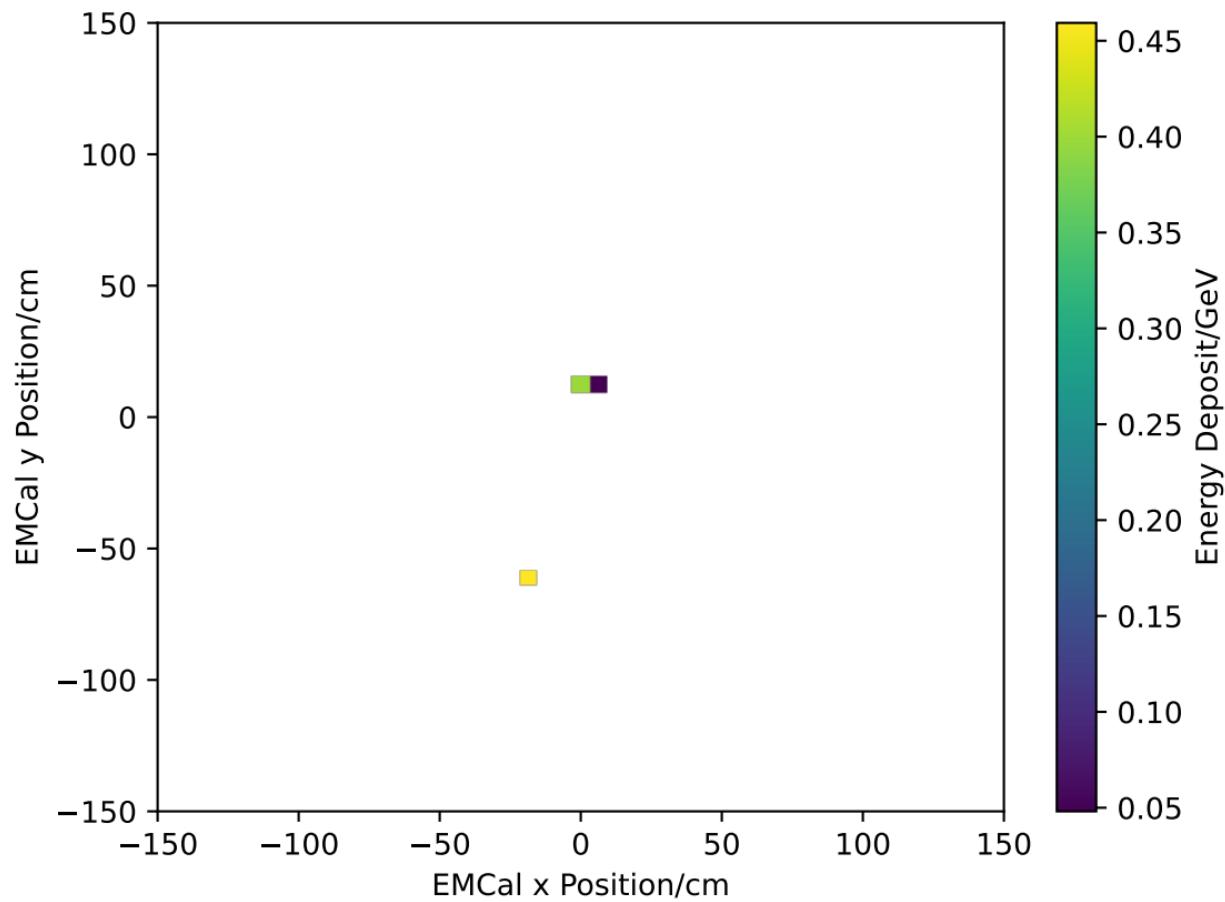


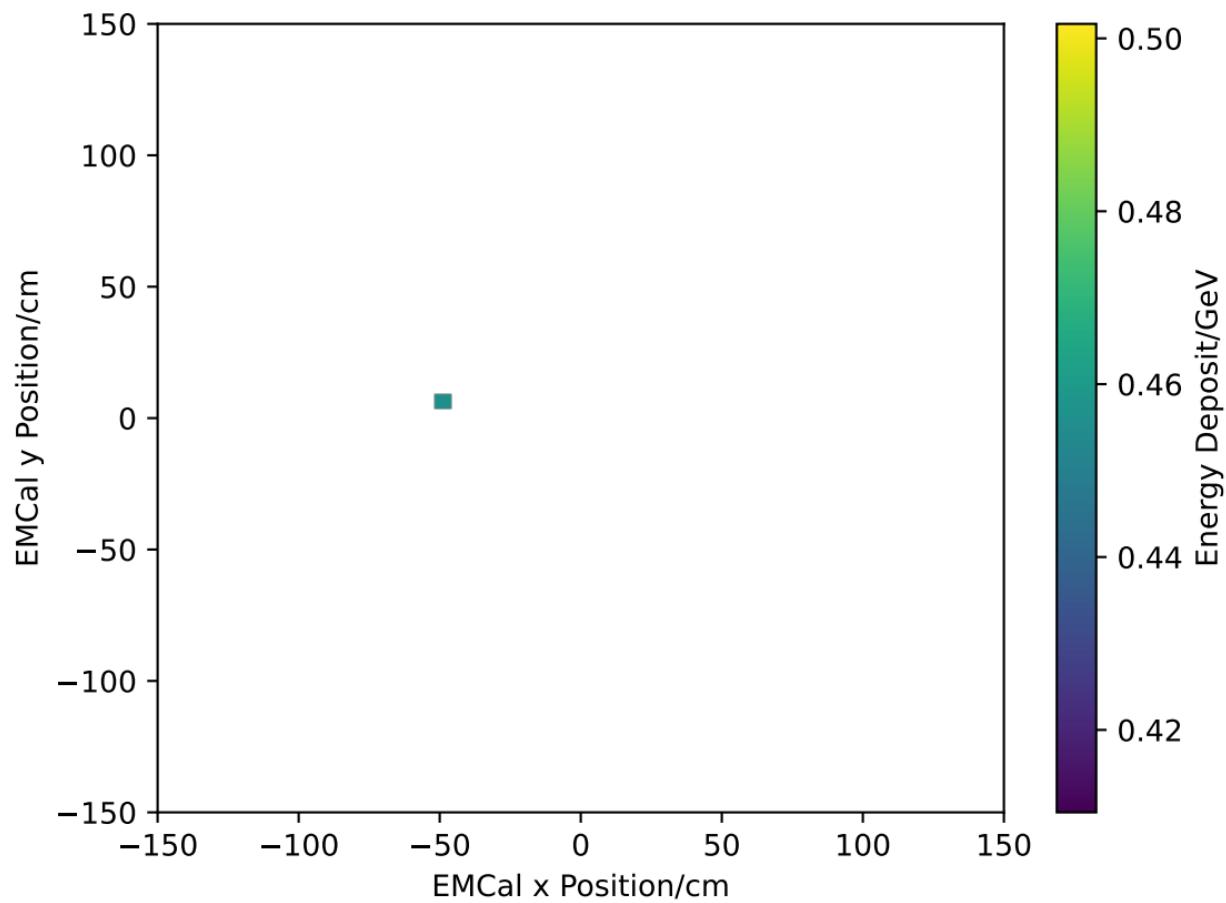


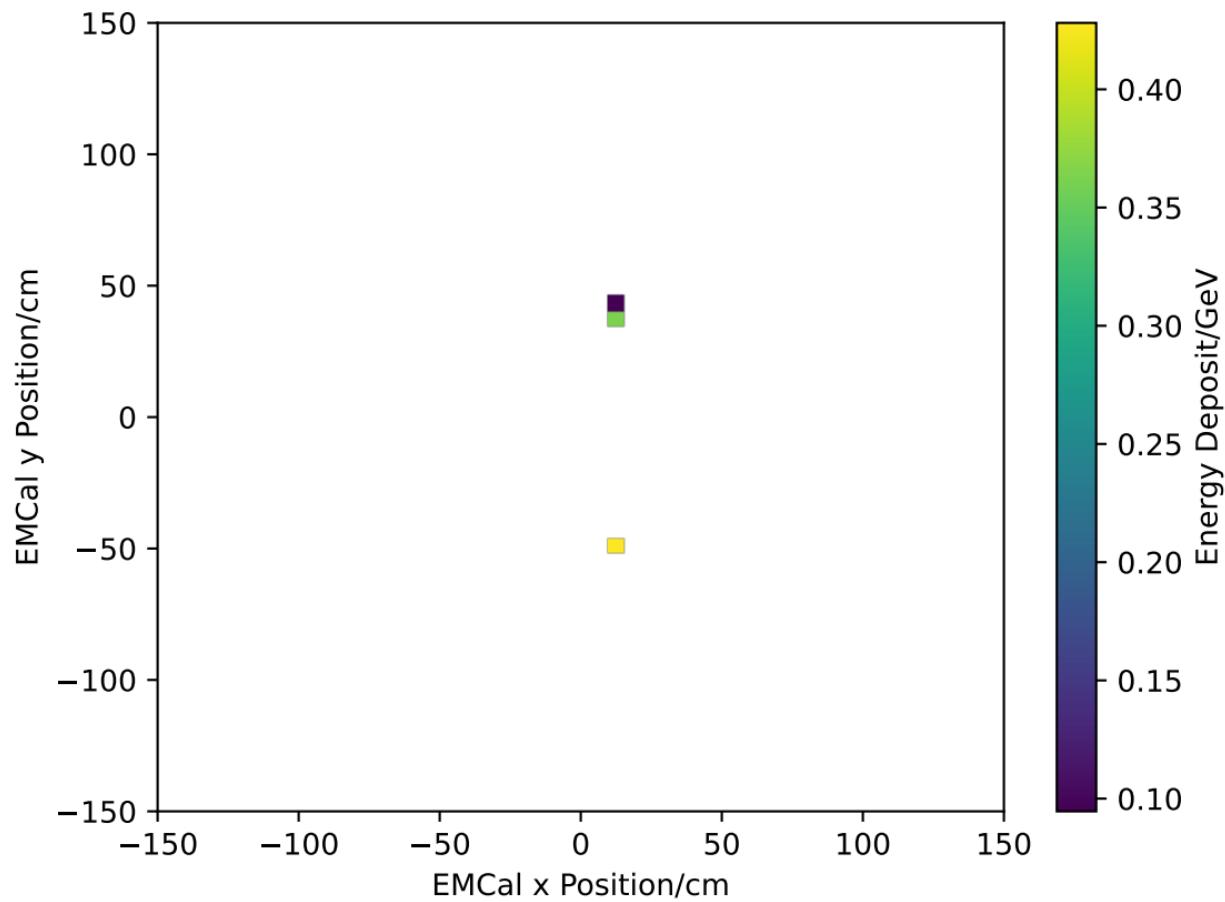


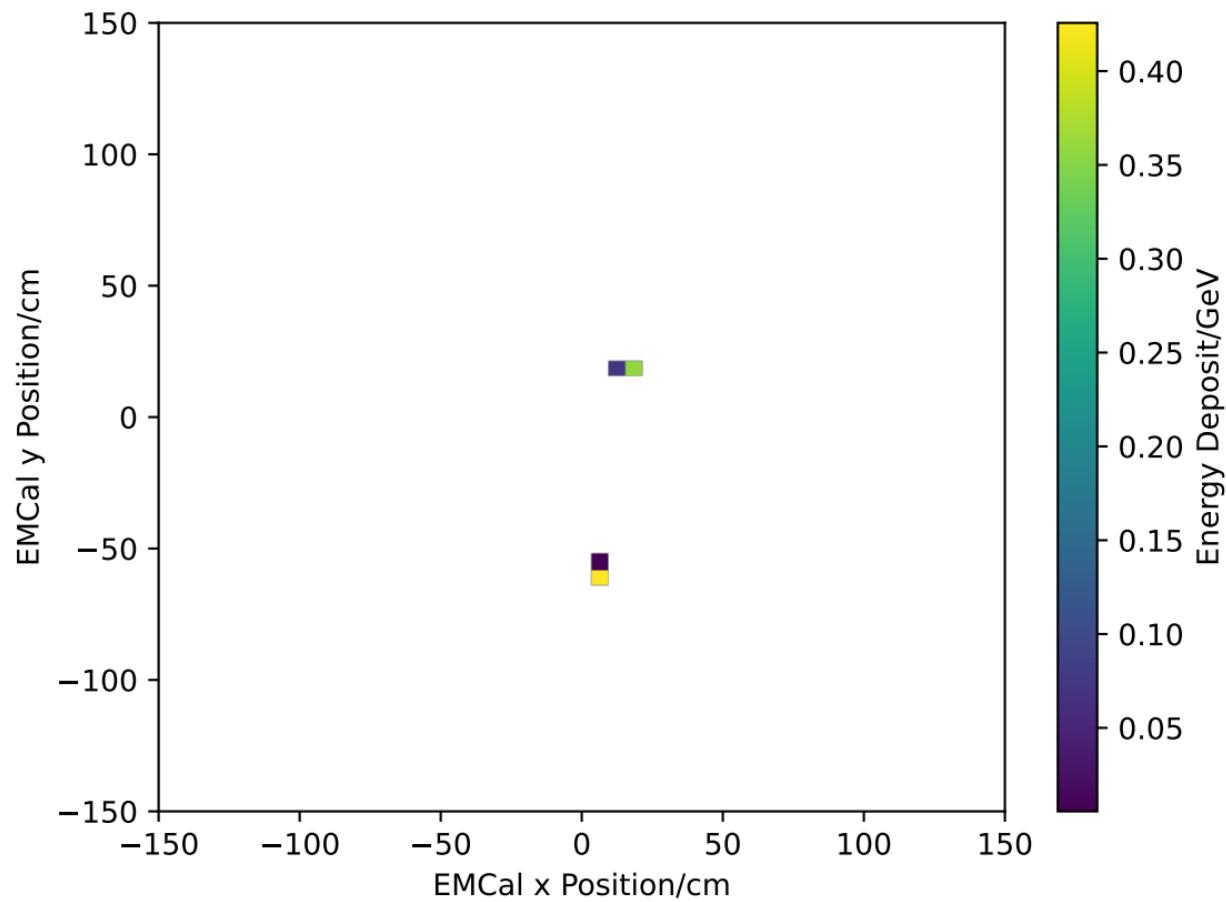


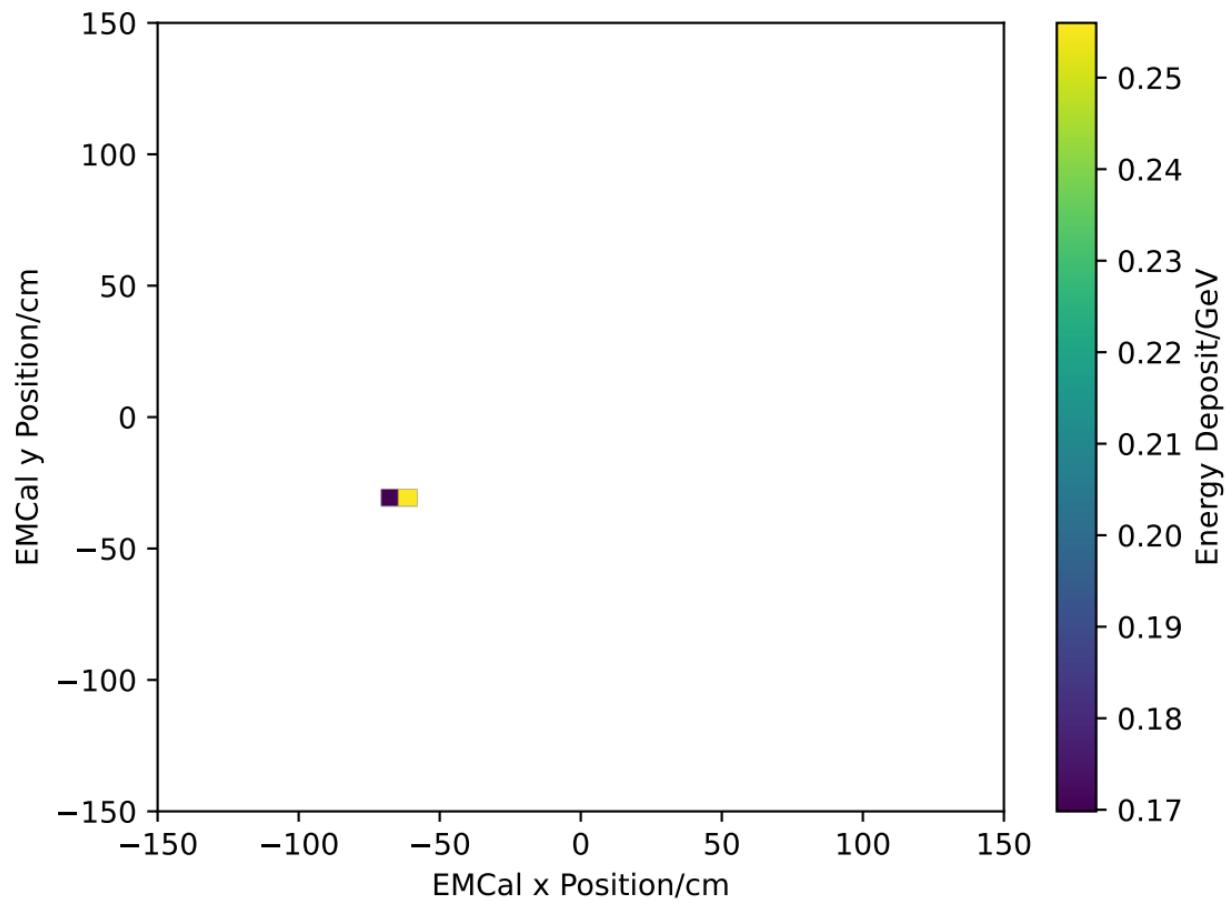




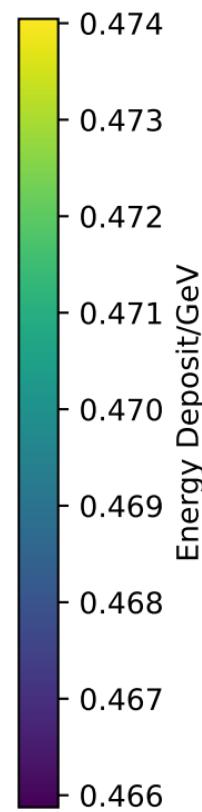
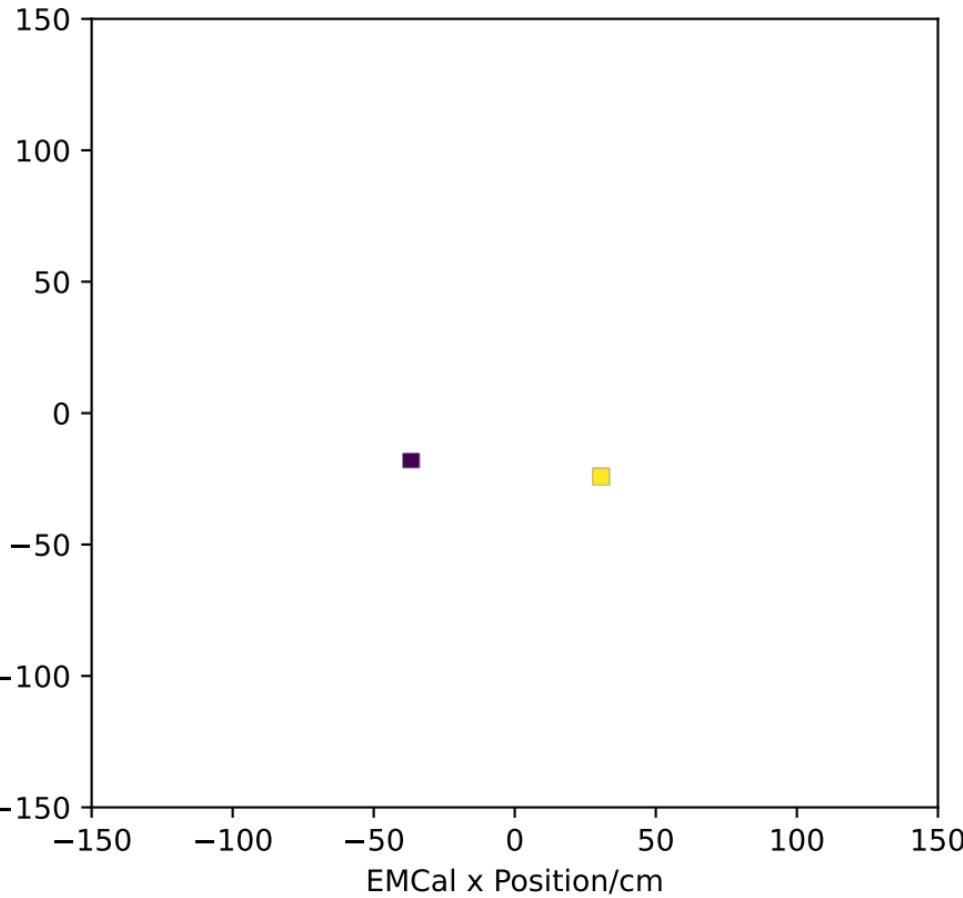








EMCal y Position/cm



Energy Deposit/GeV

EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



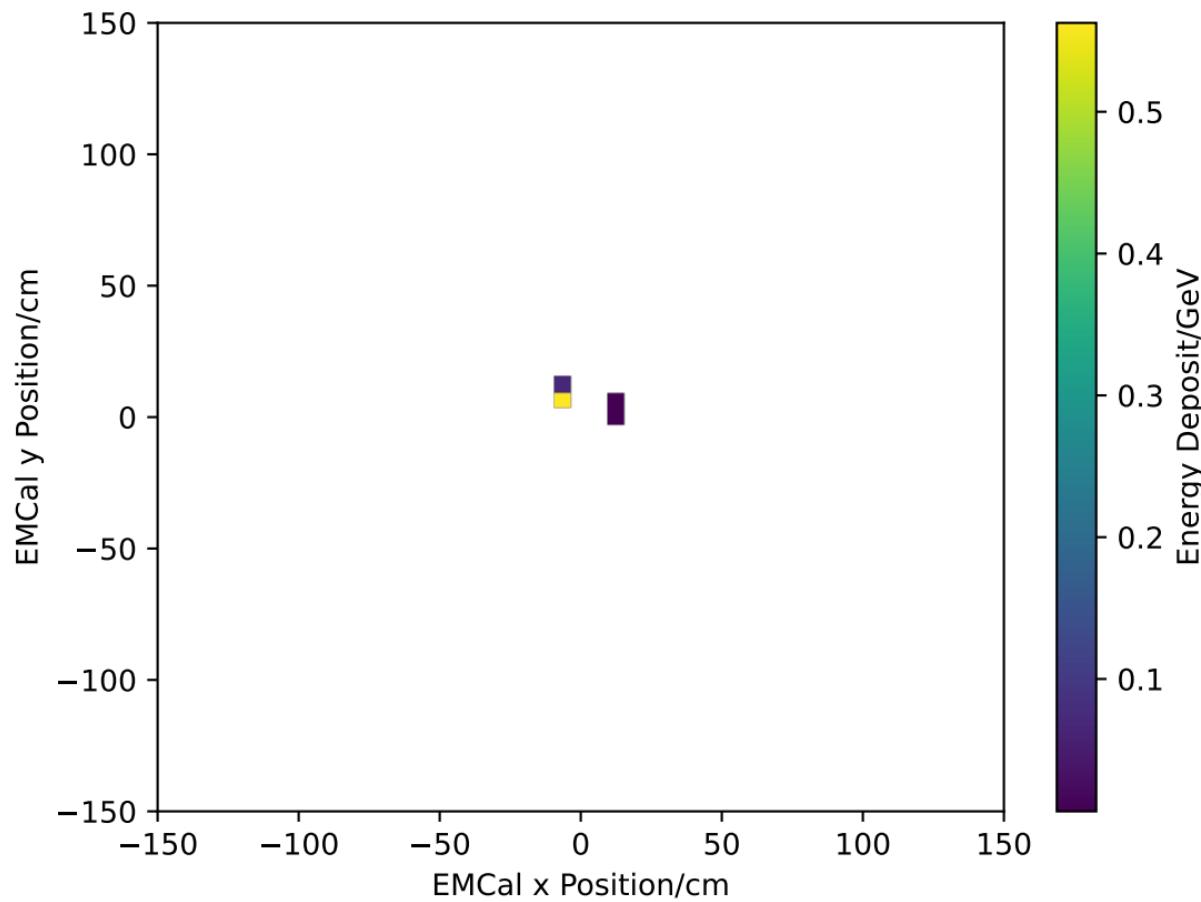
Energy Deposit/GeV

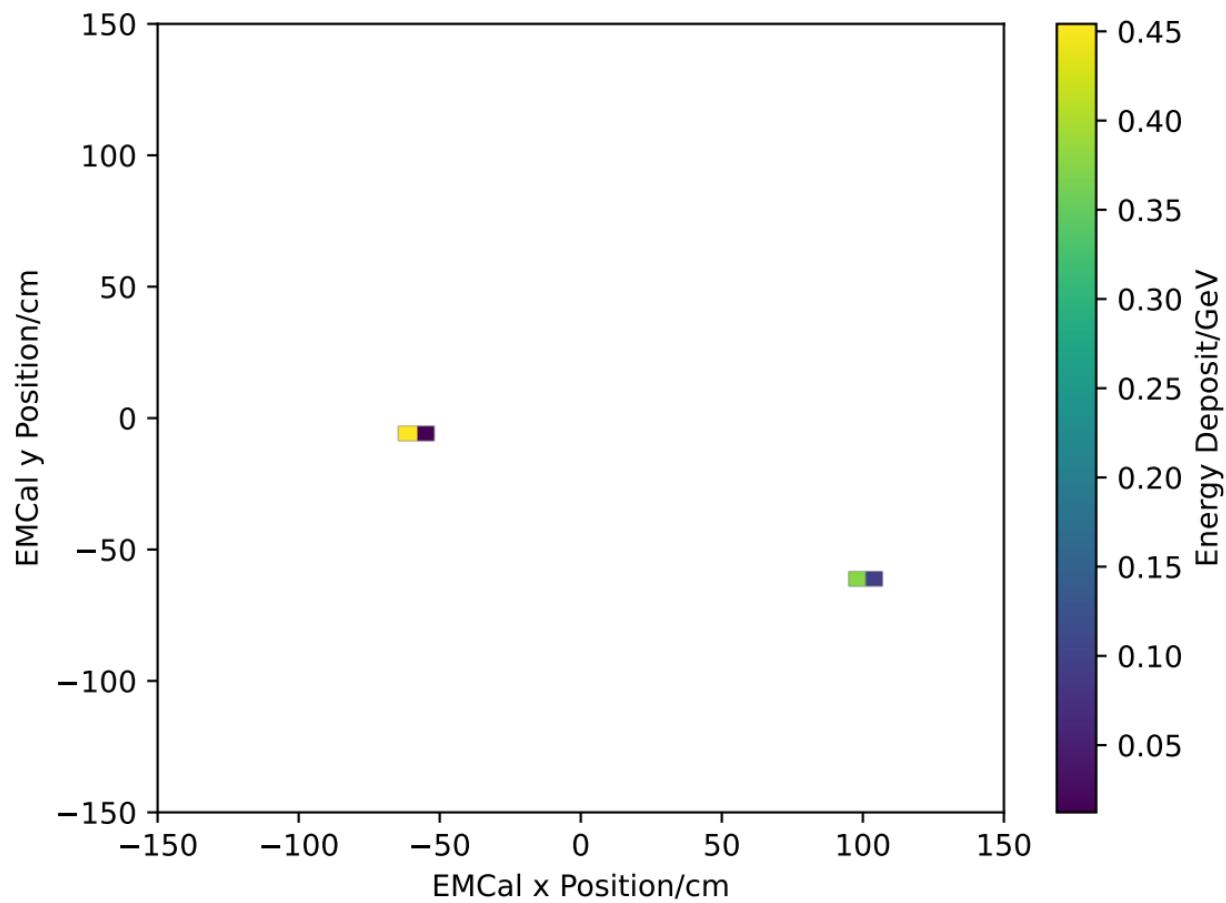
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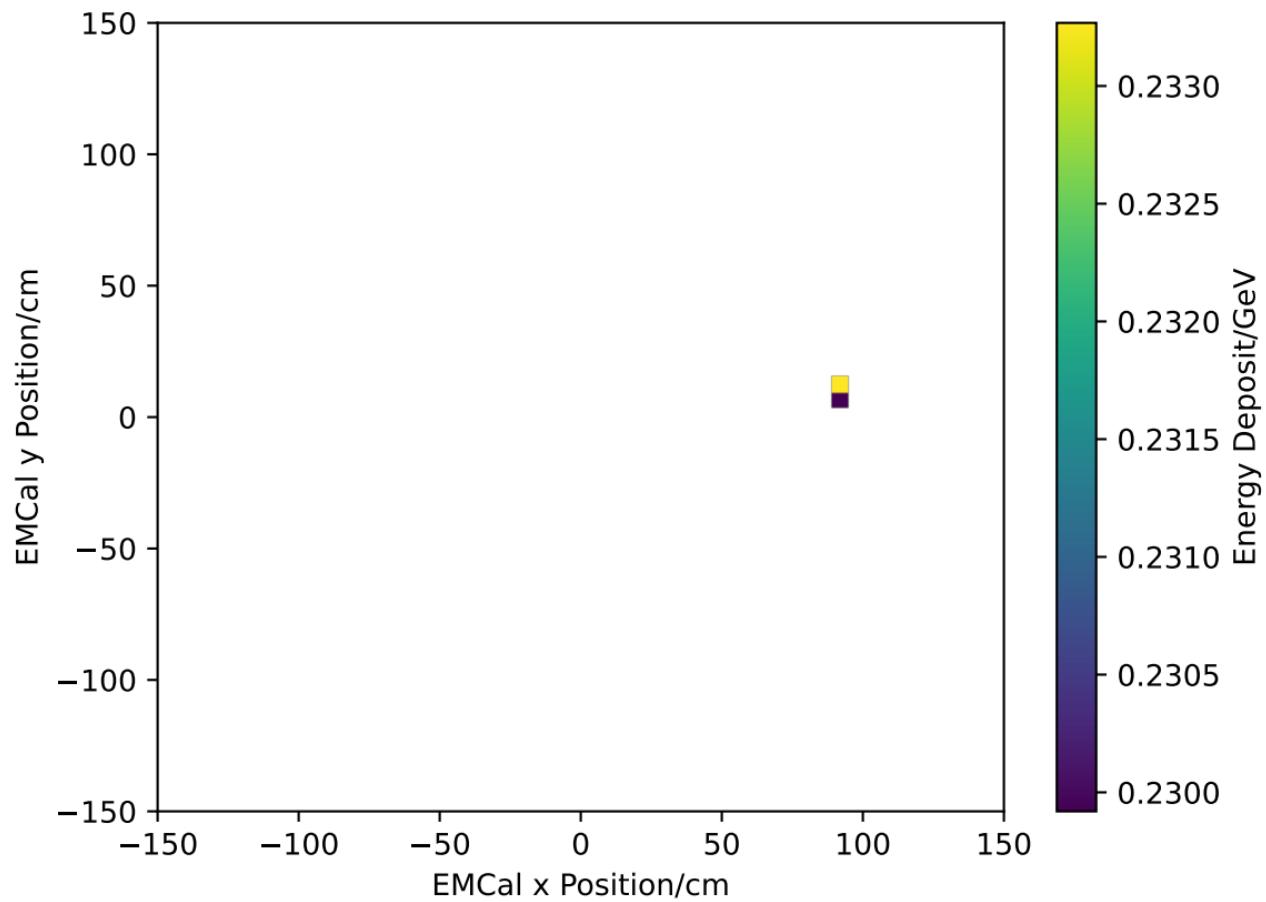
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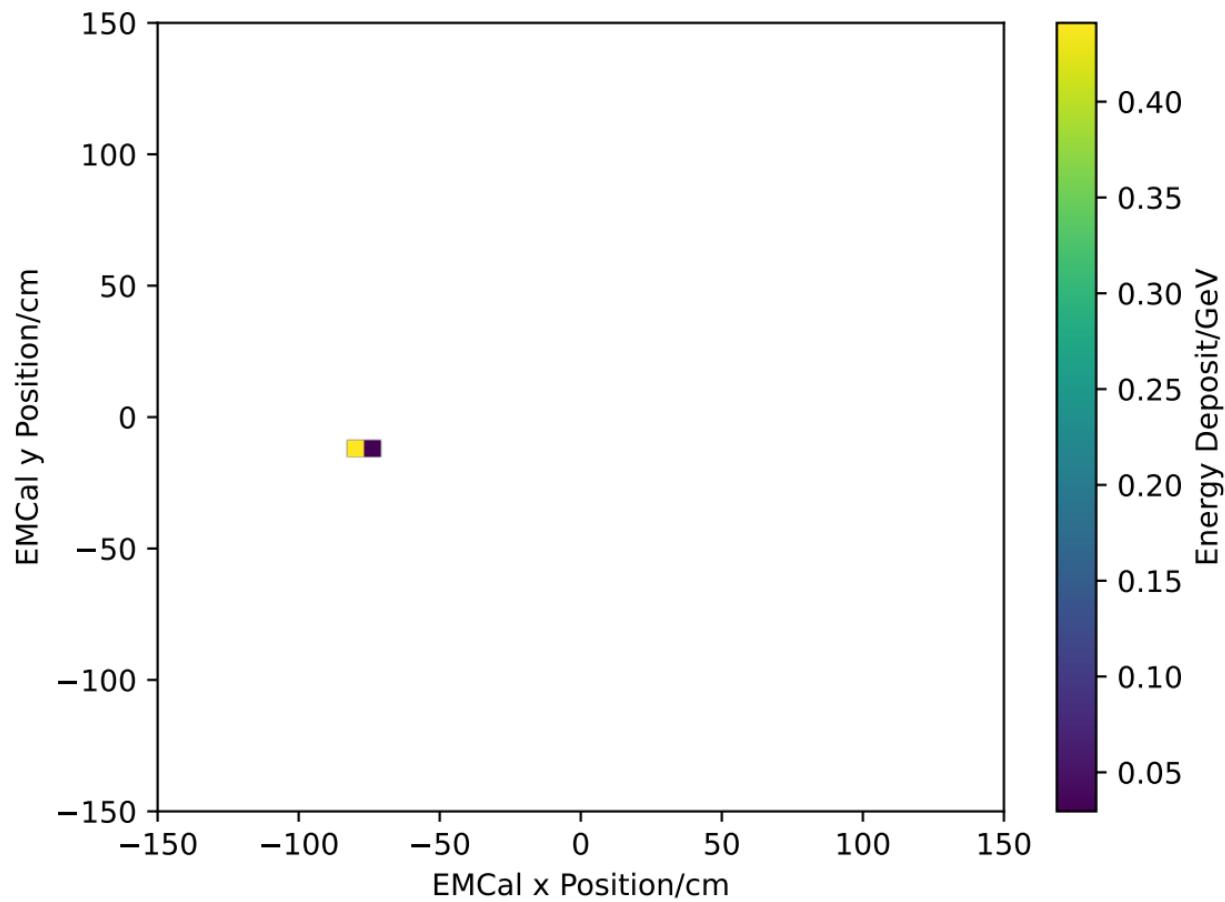
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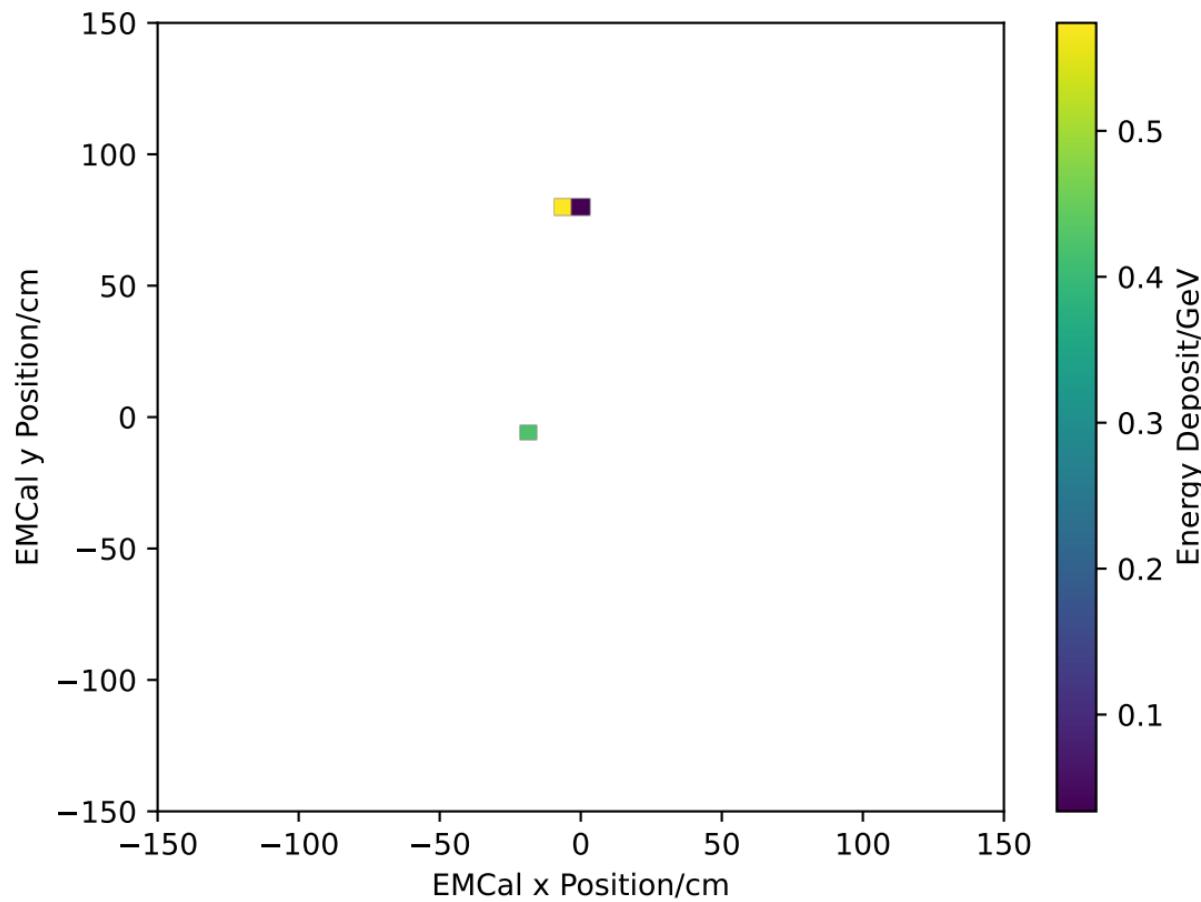
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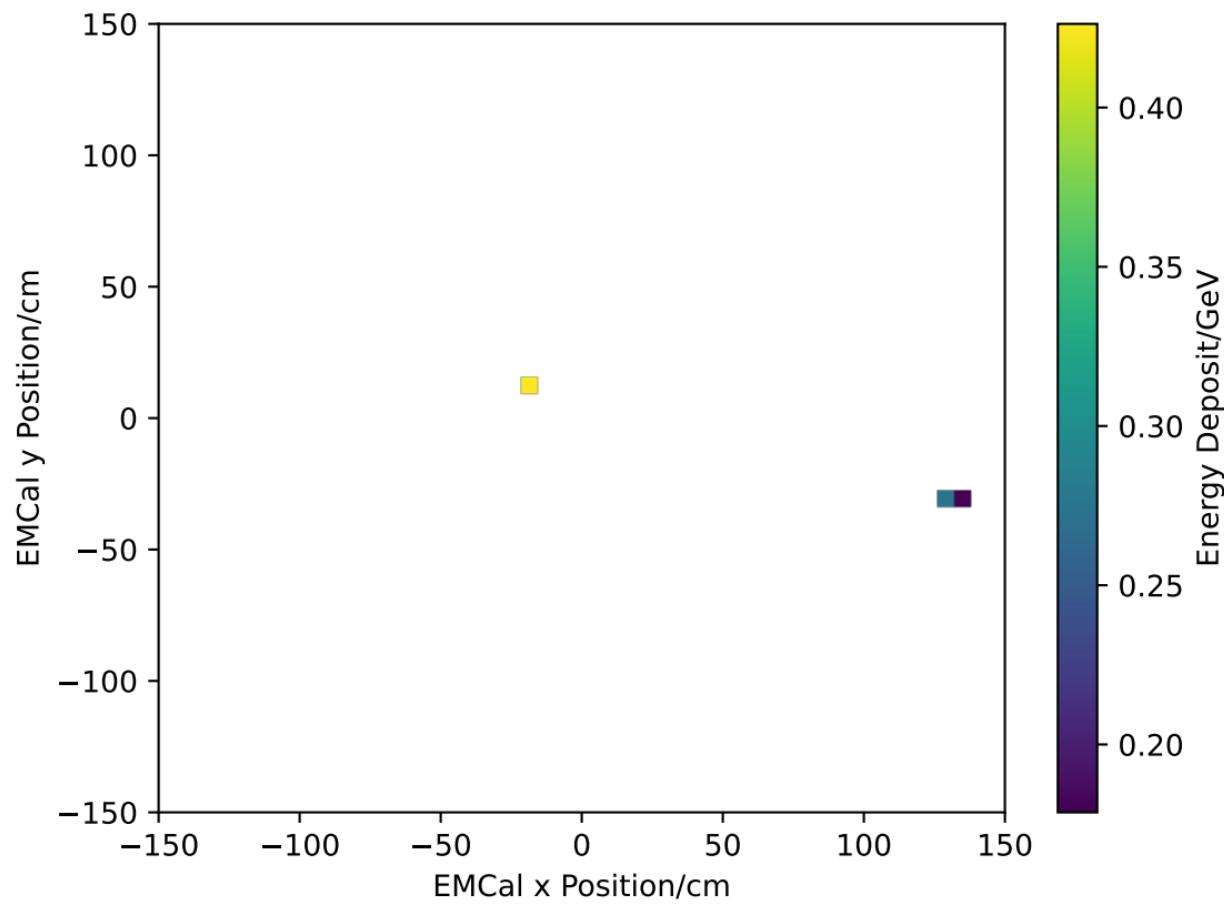


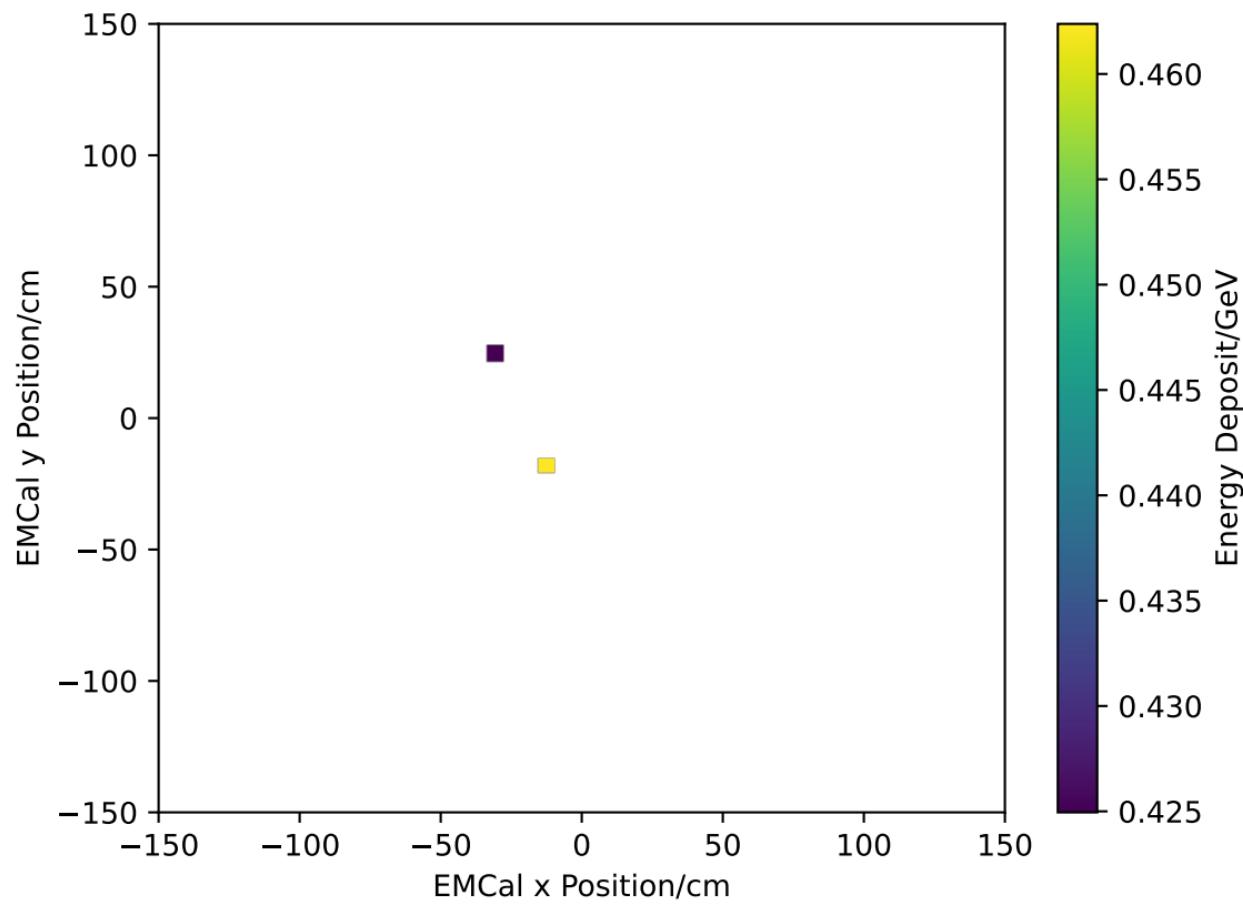


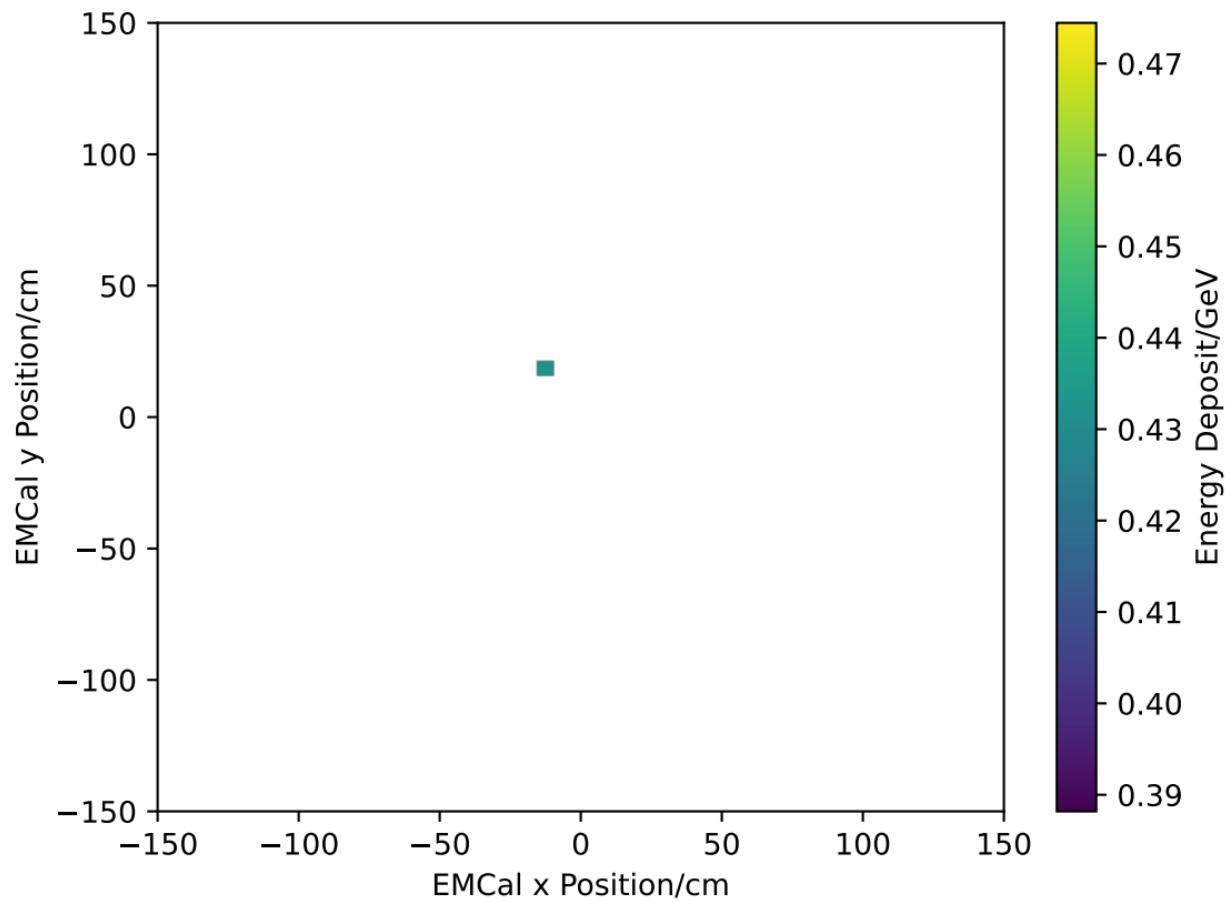


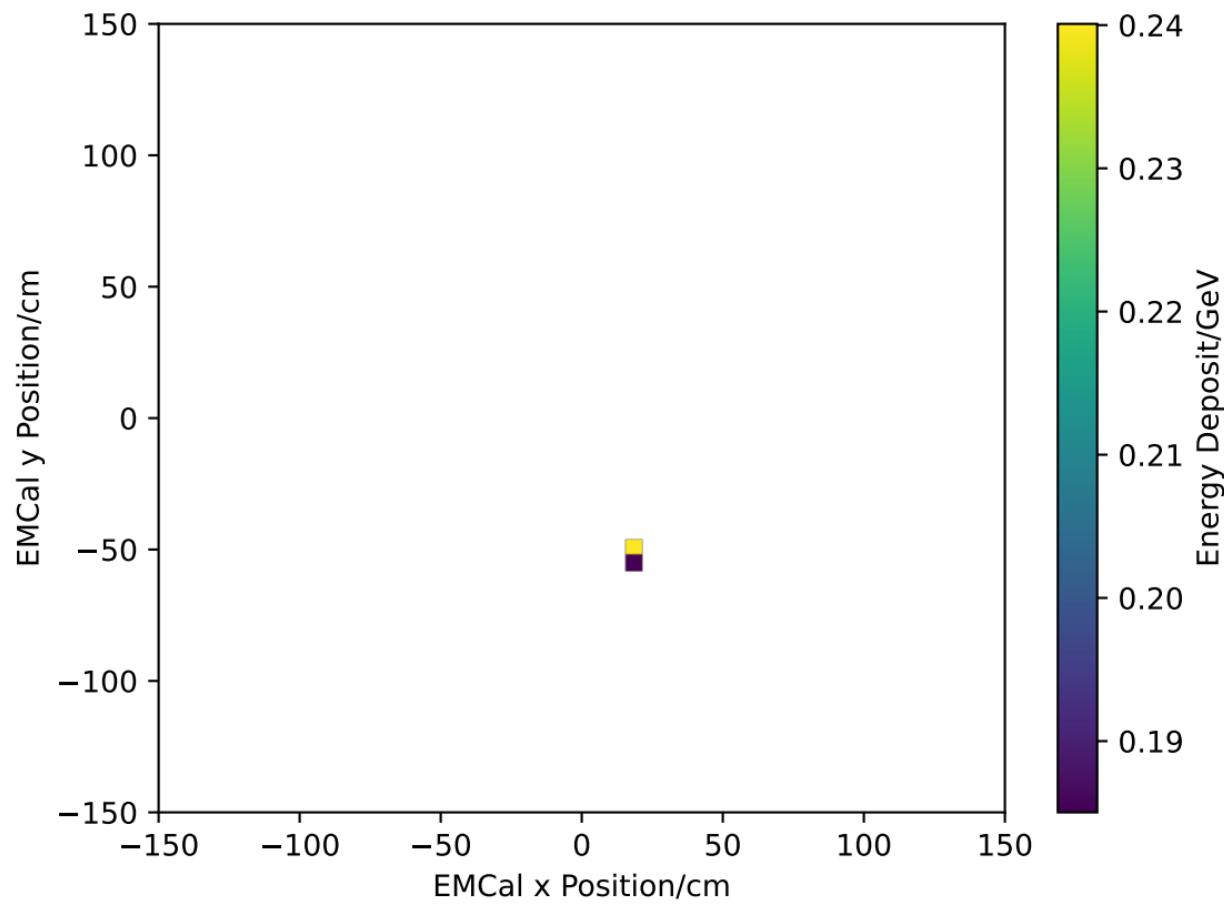


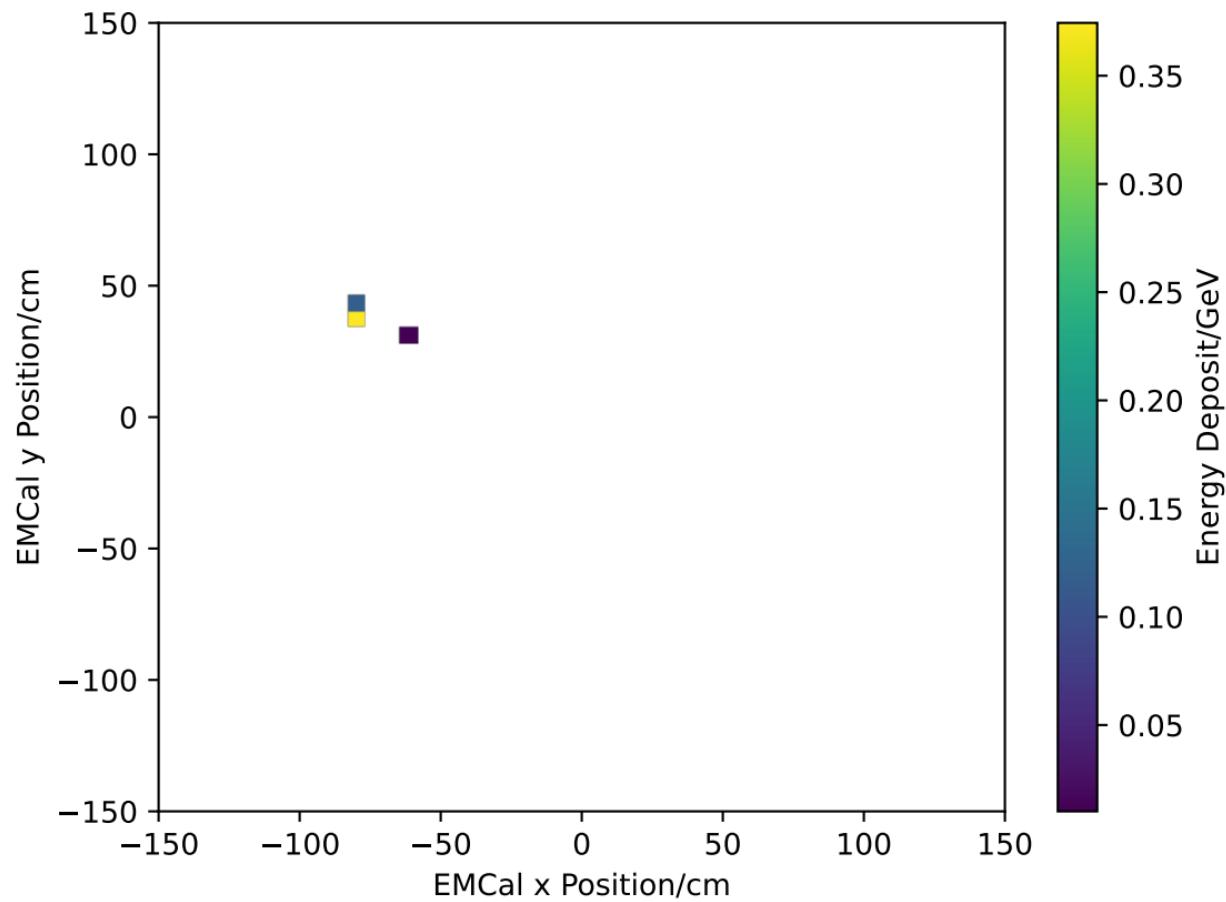


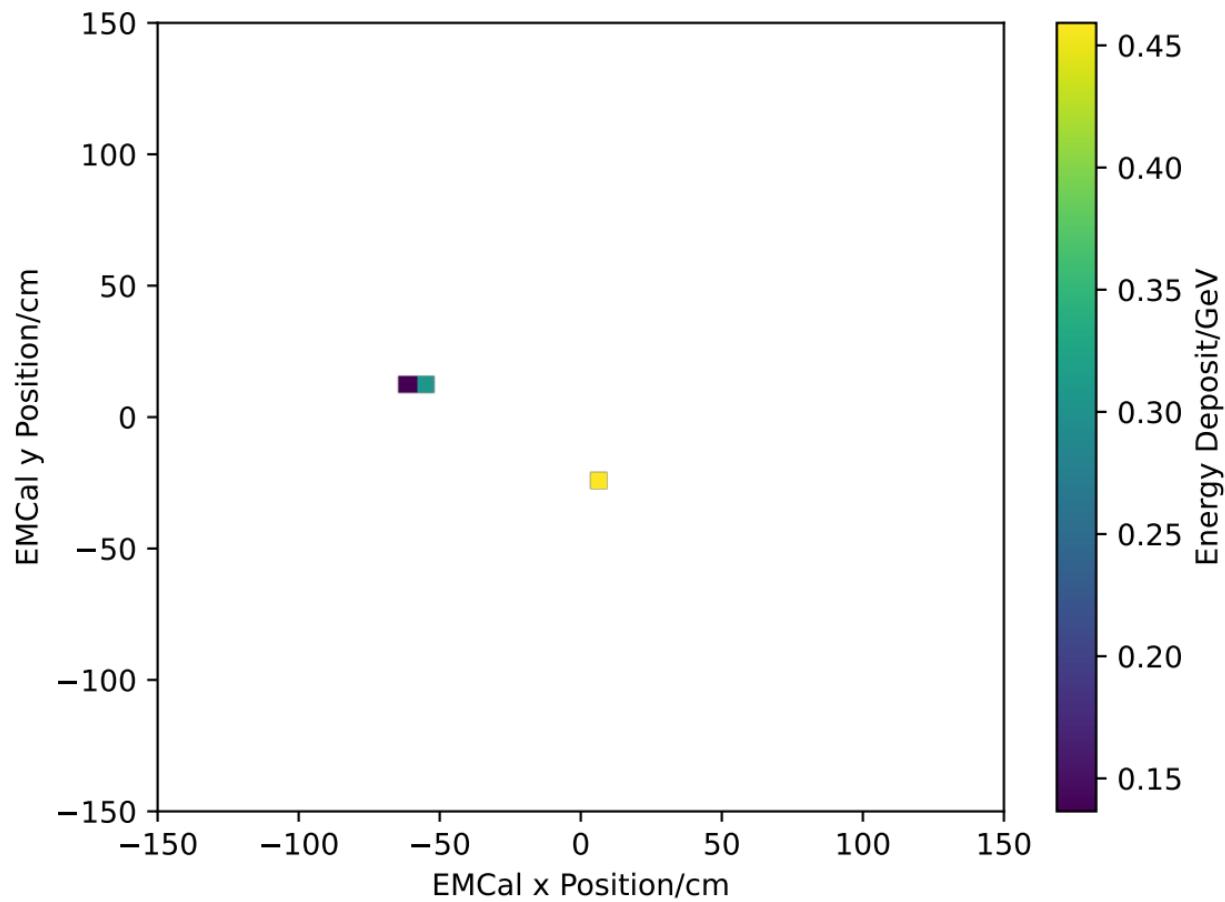


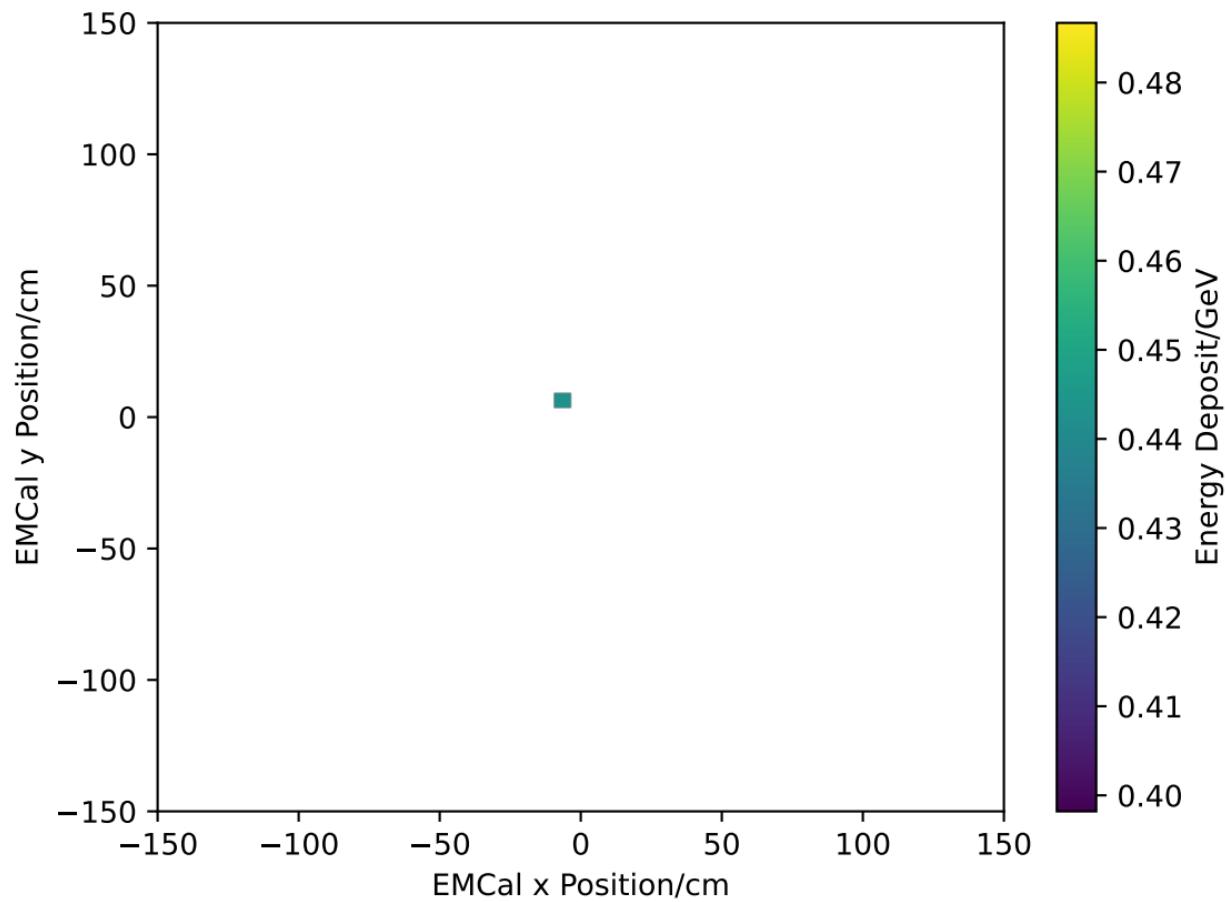












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

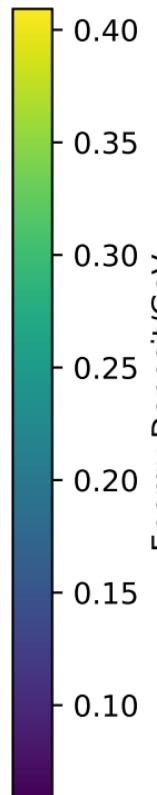
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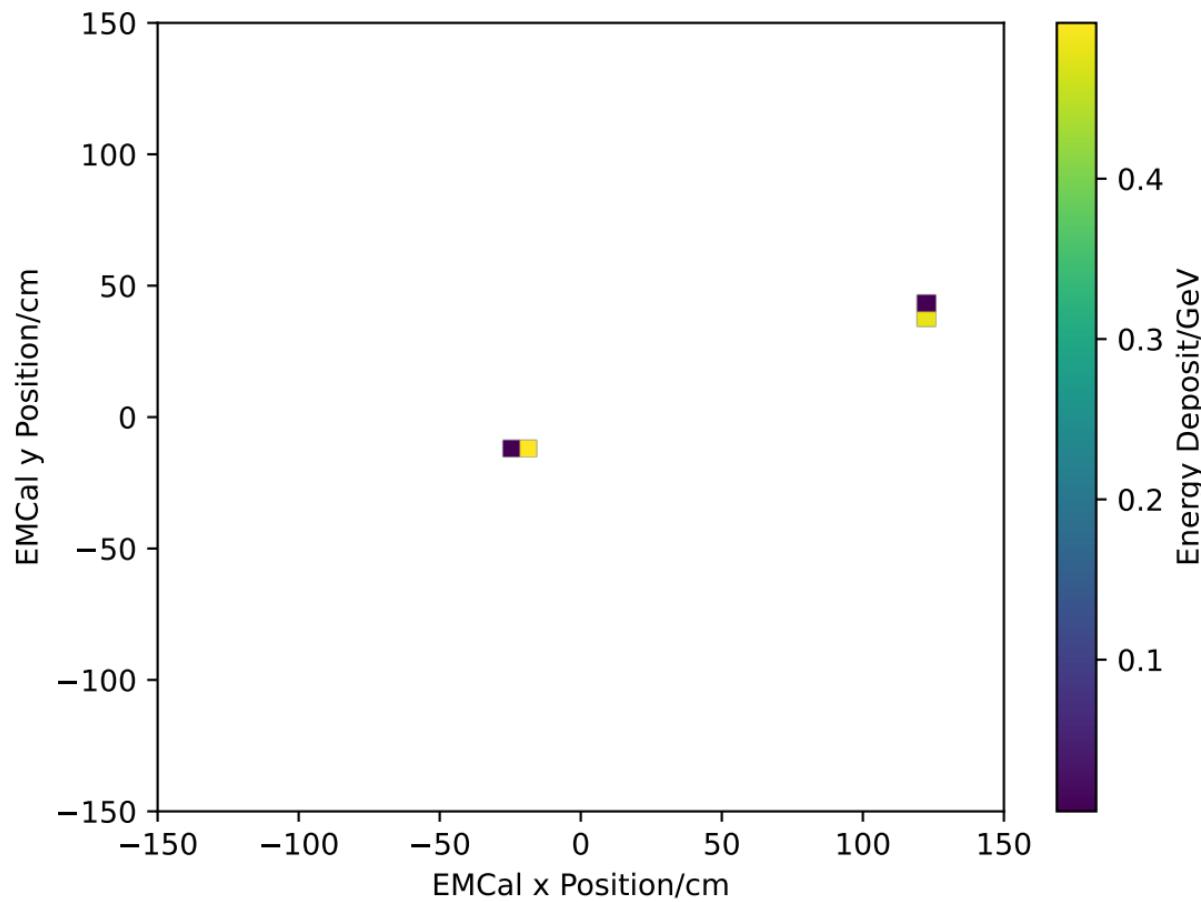
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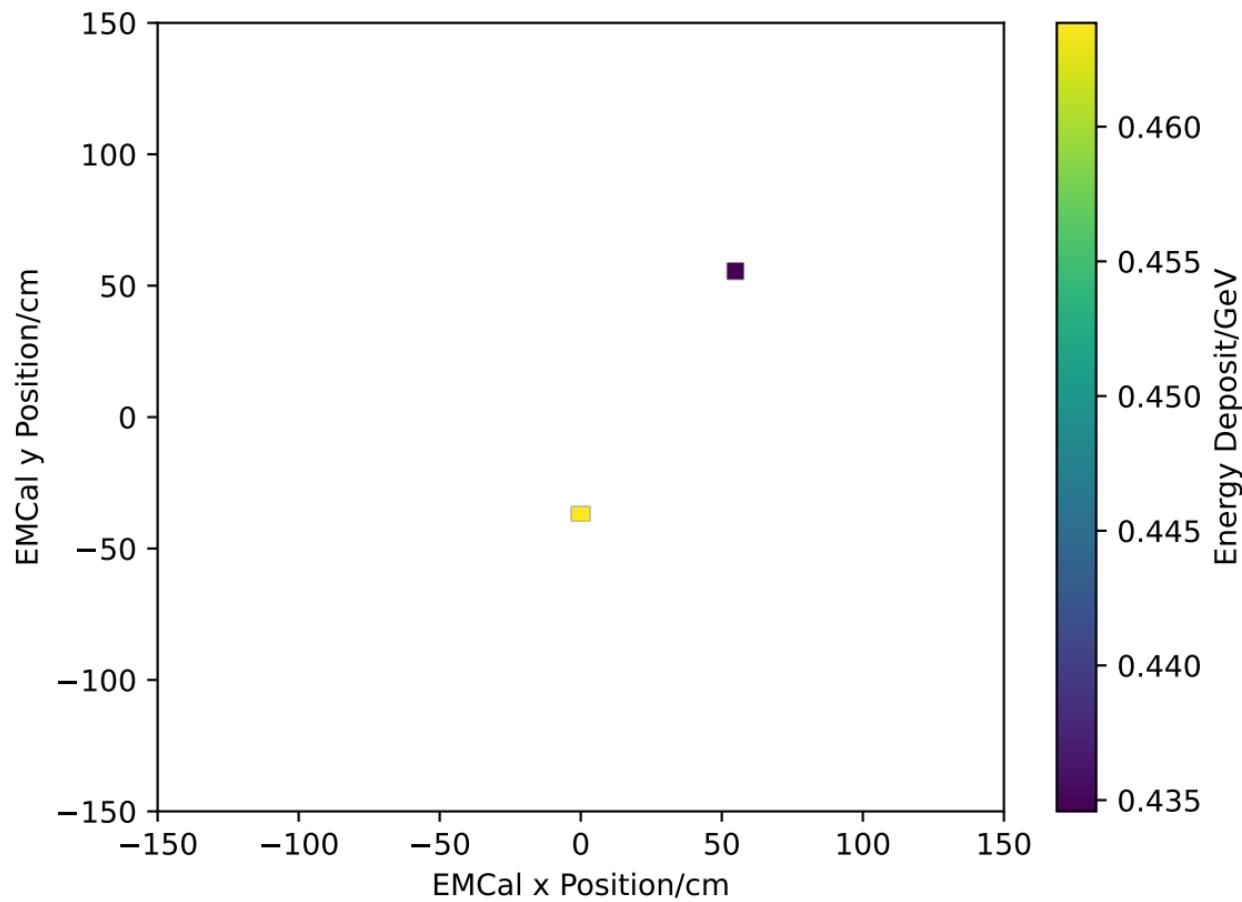
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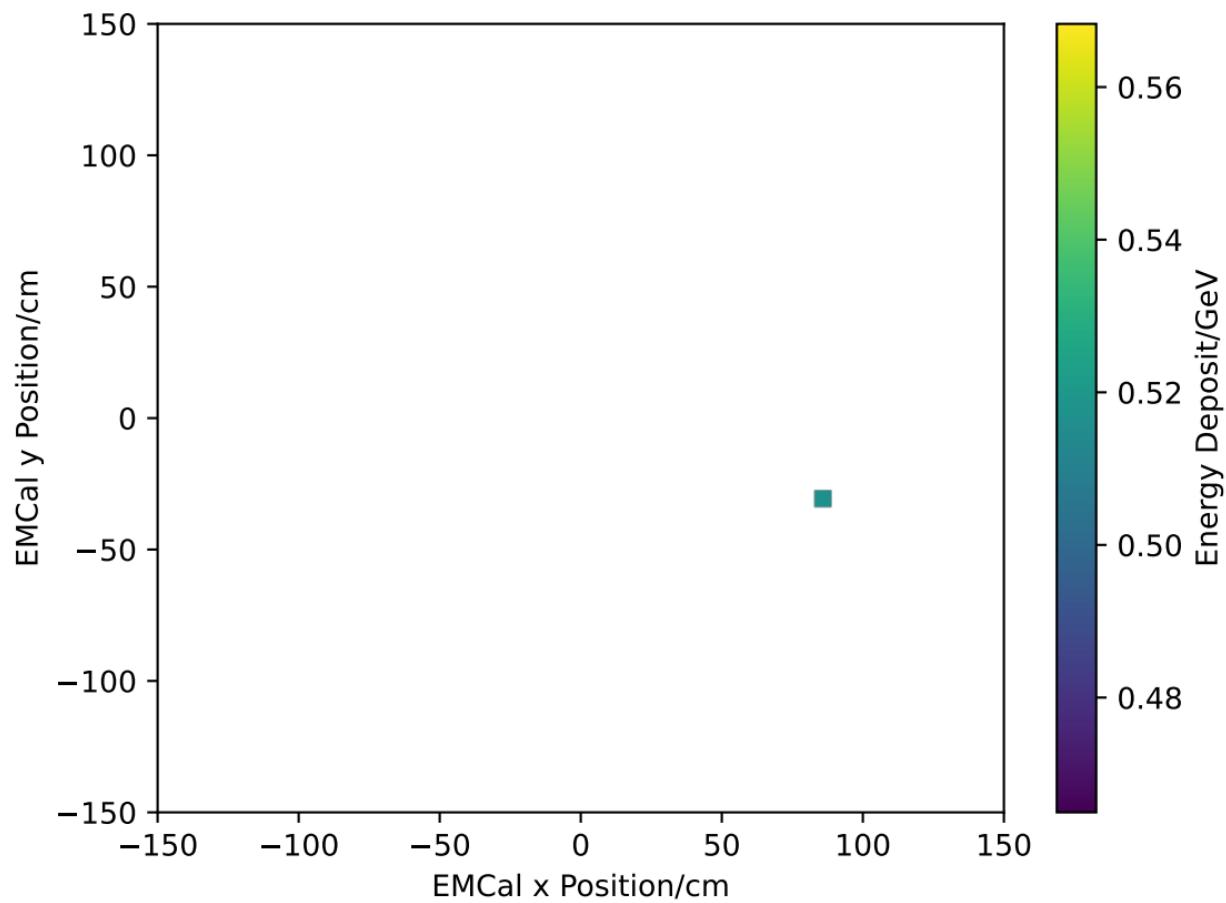
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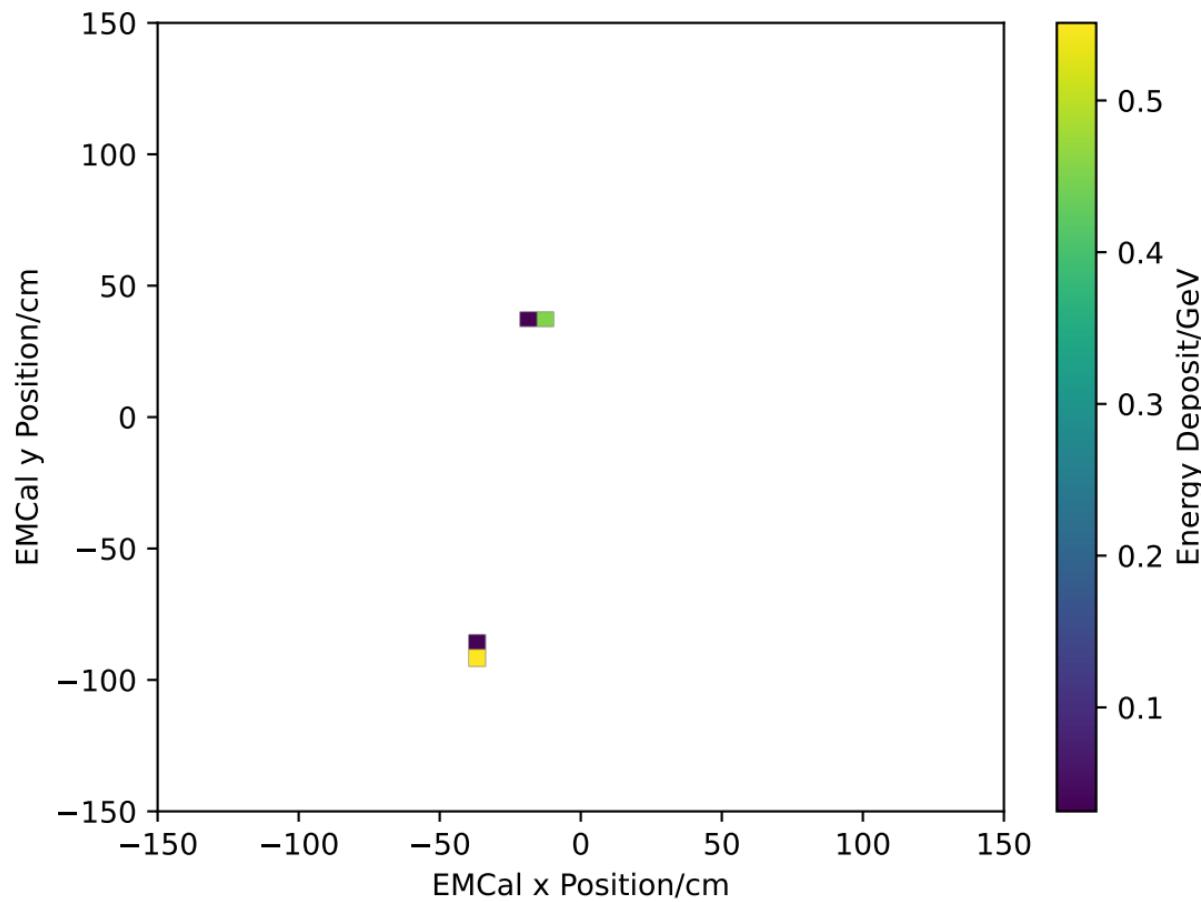
EMCal x Position/cm

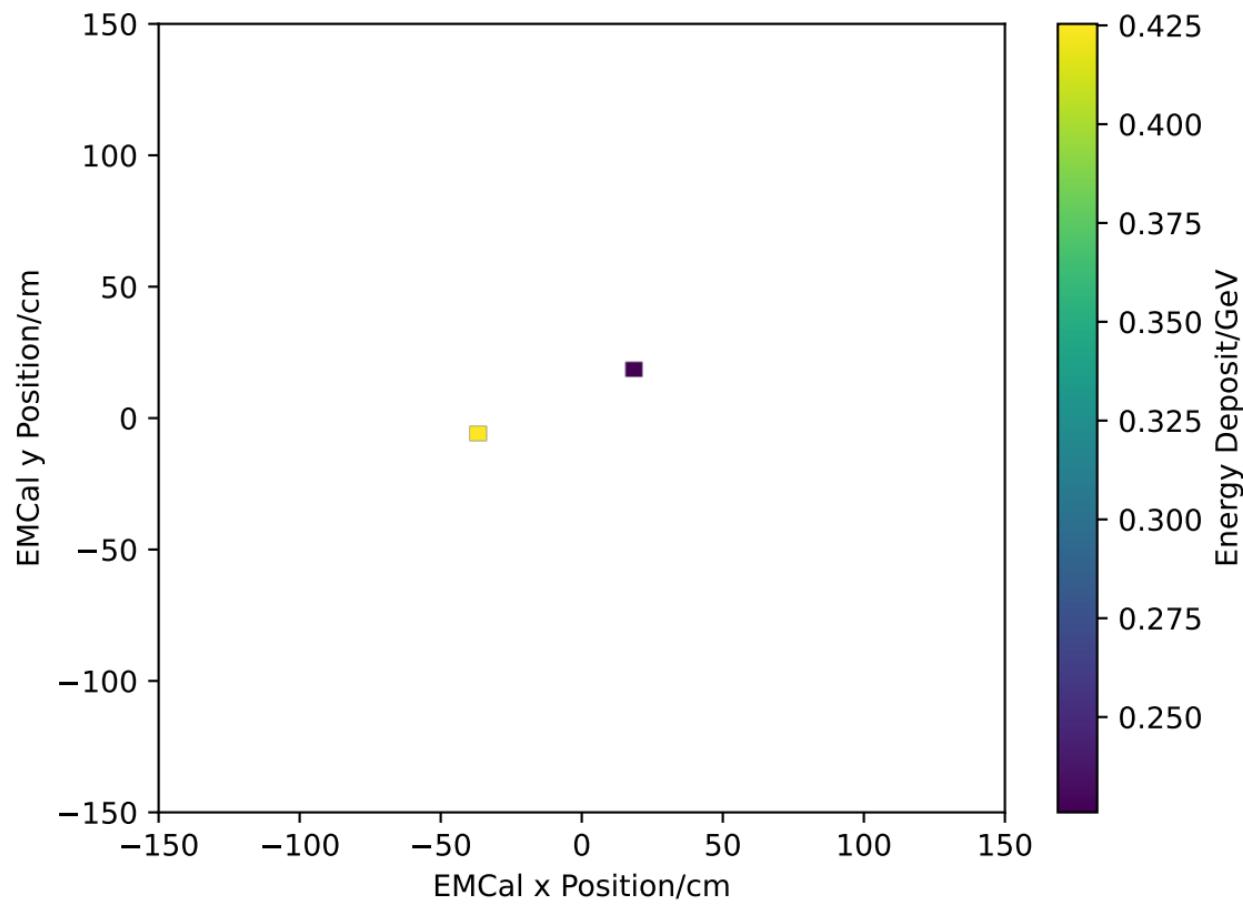




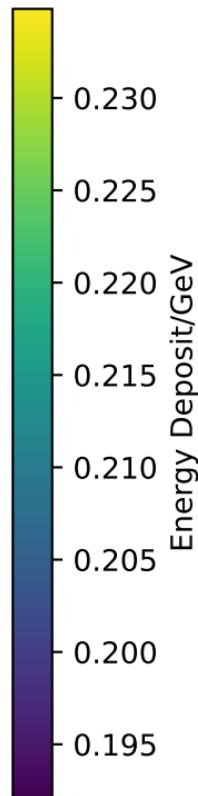
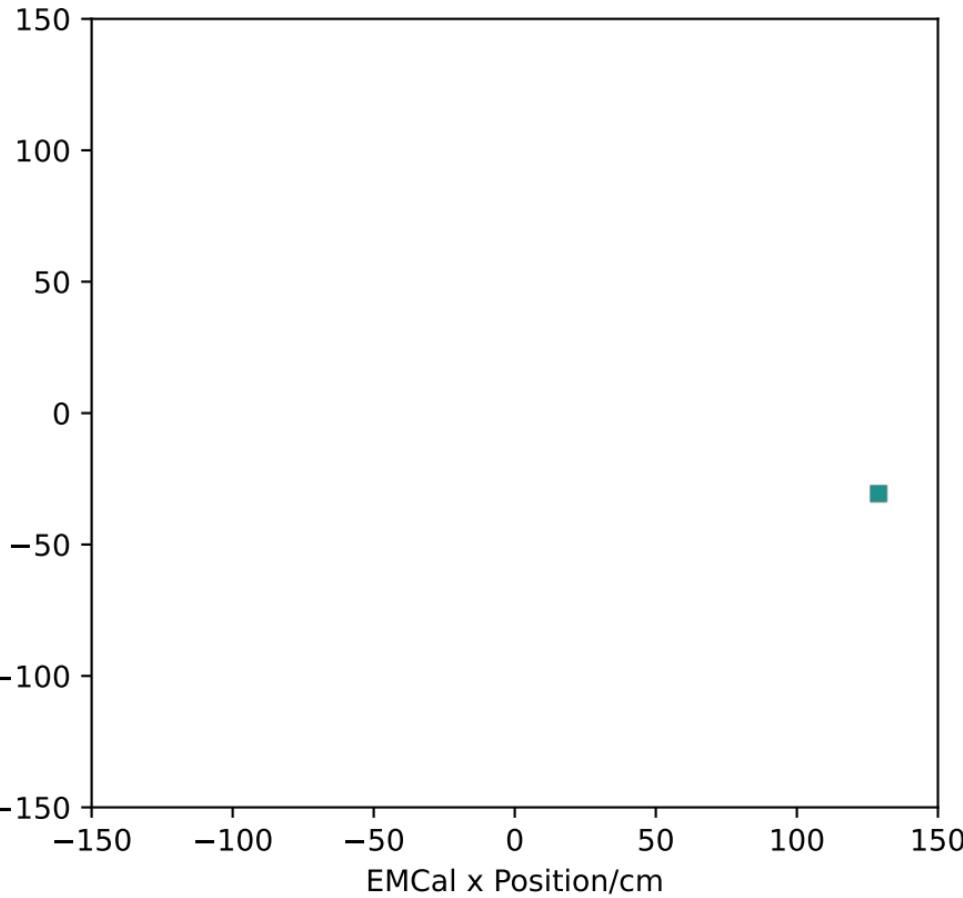


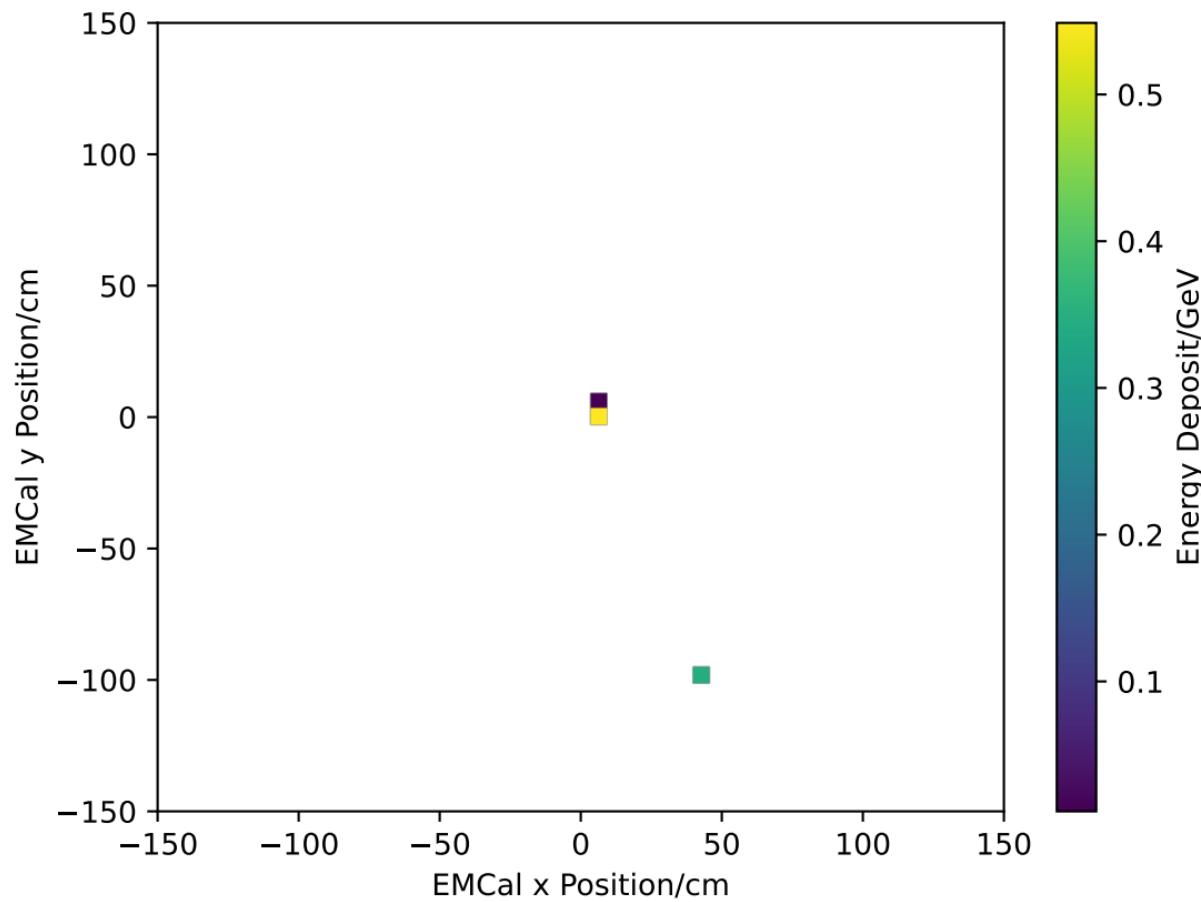


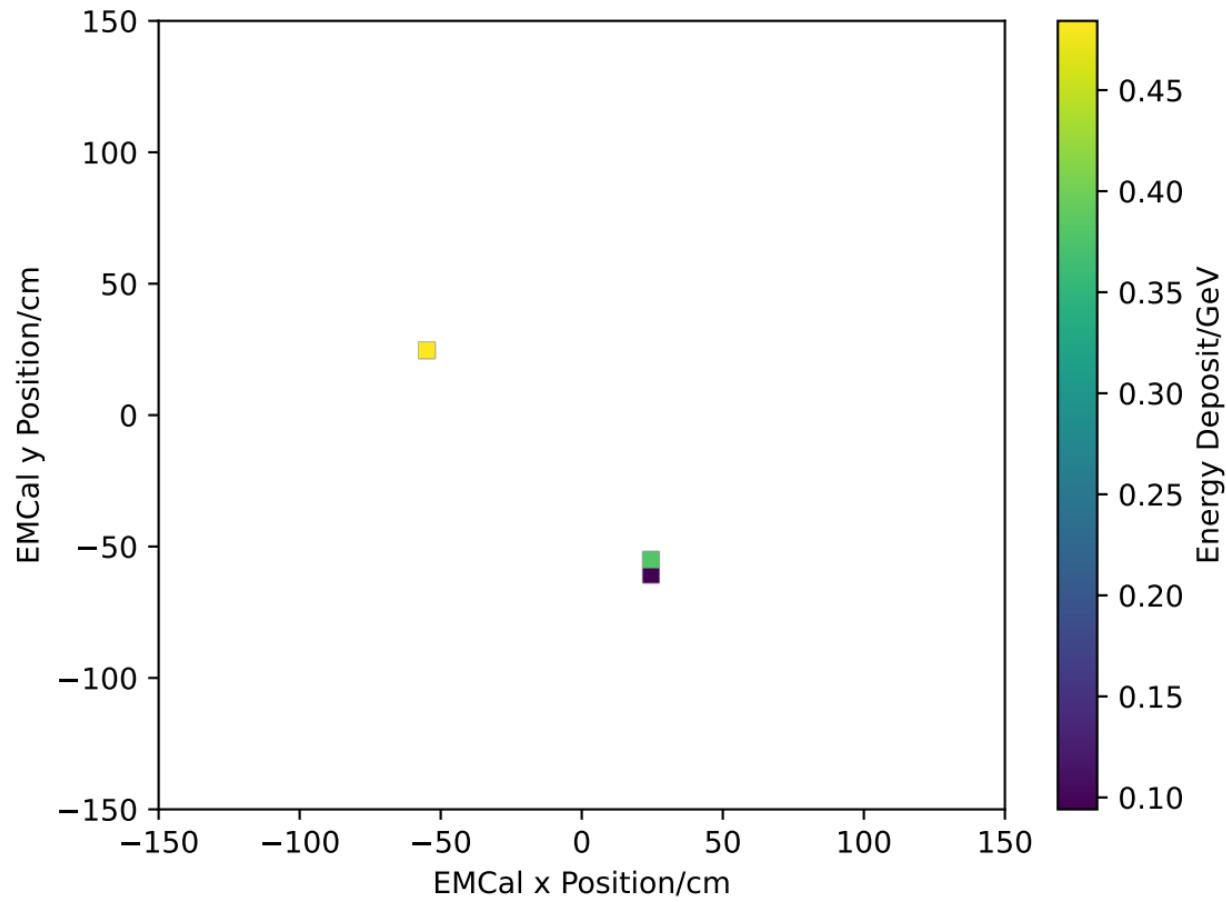


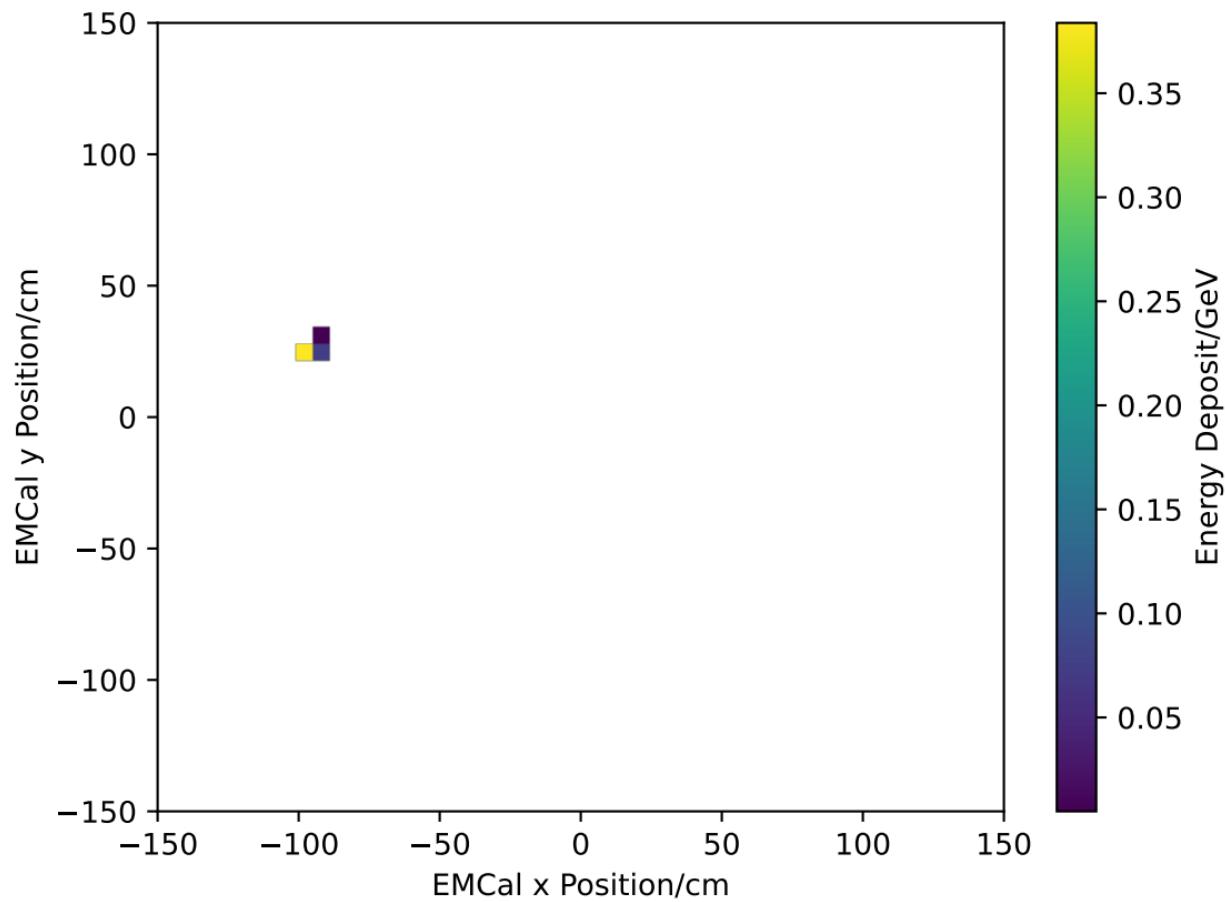


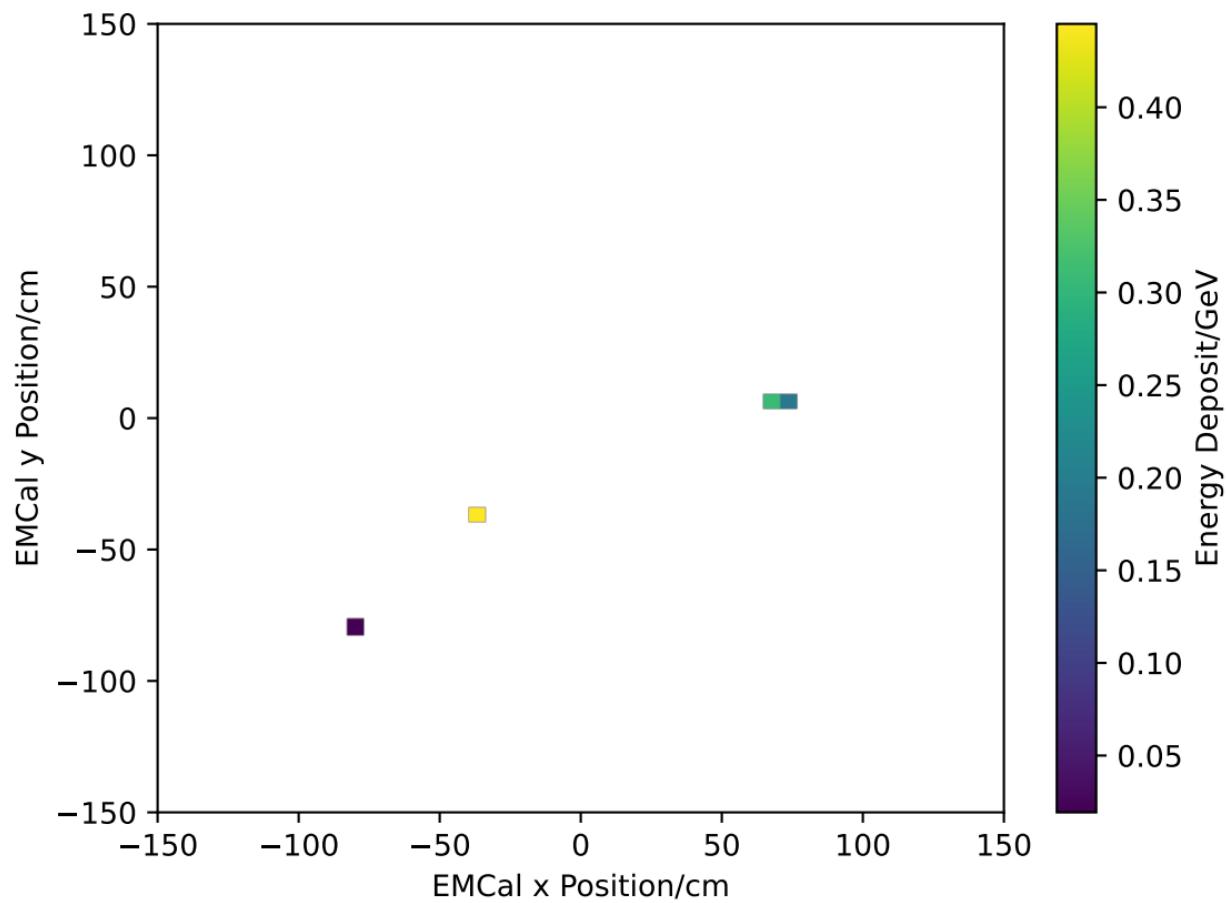
EMCal y Position/cm

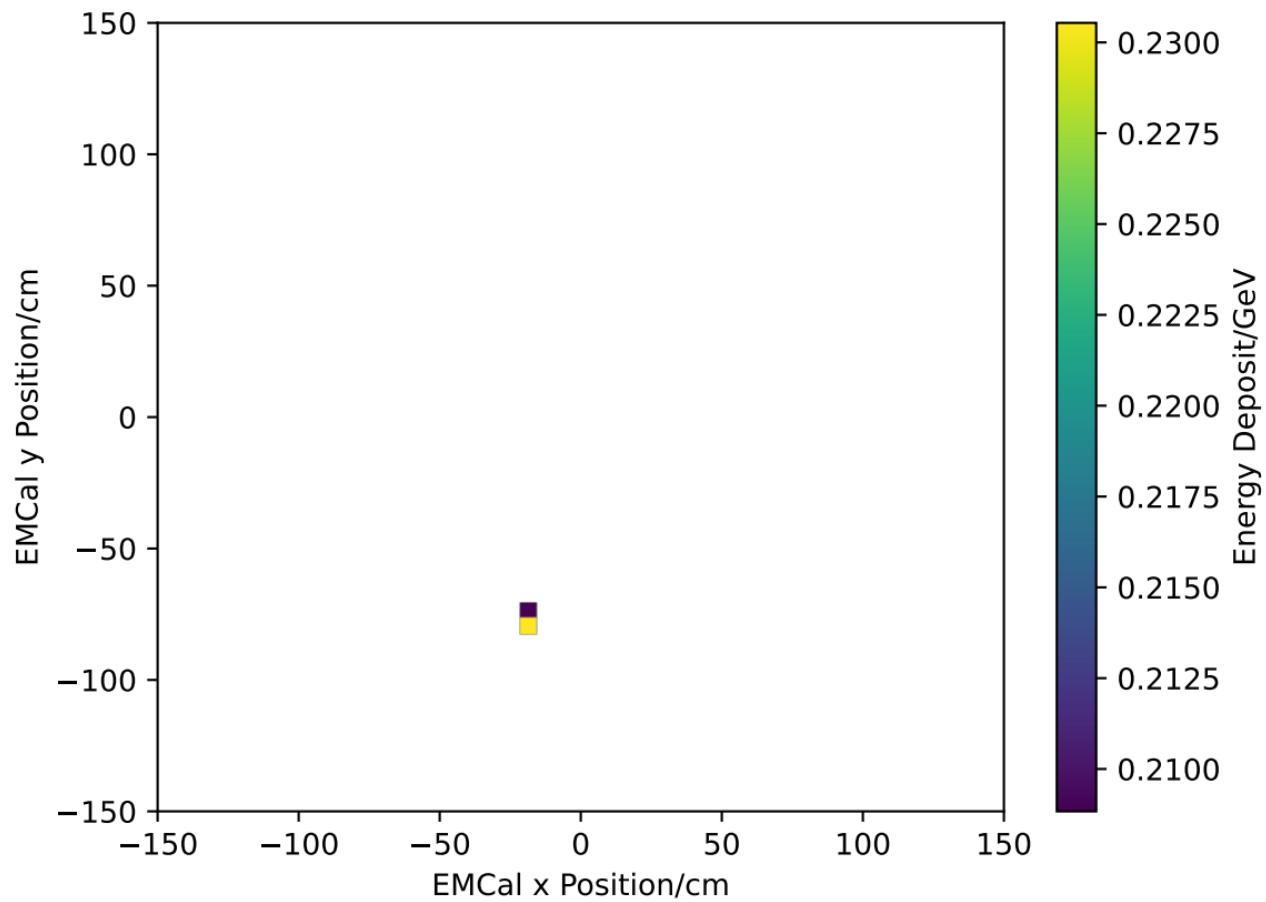




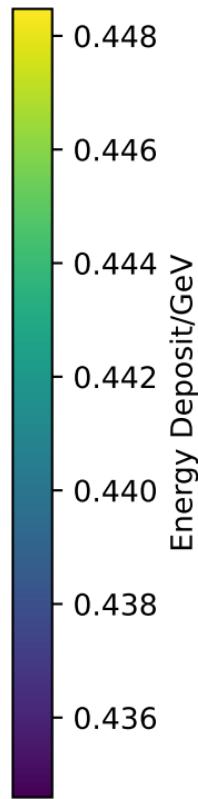
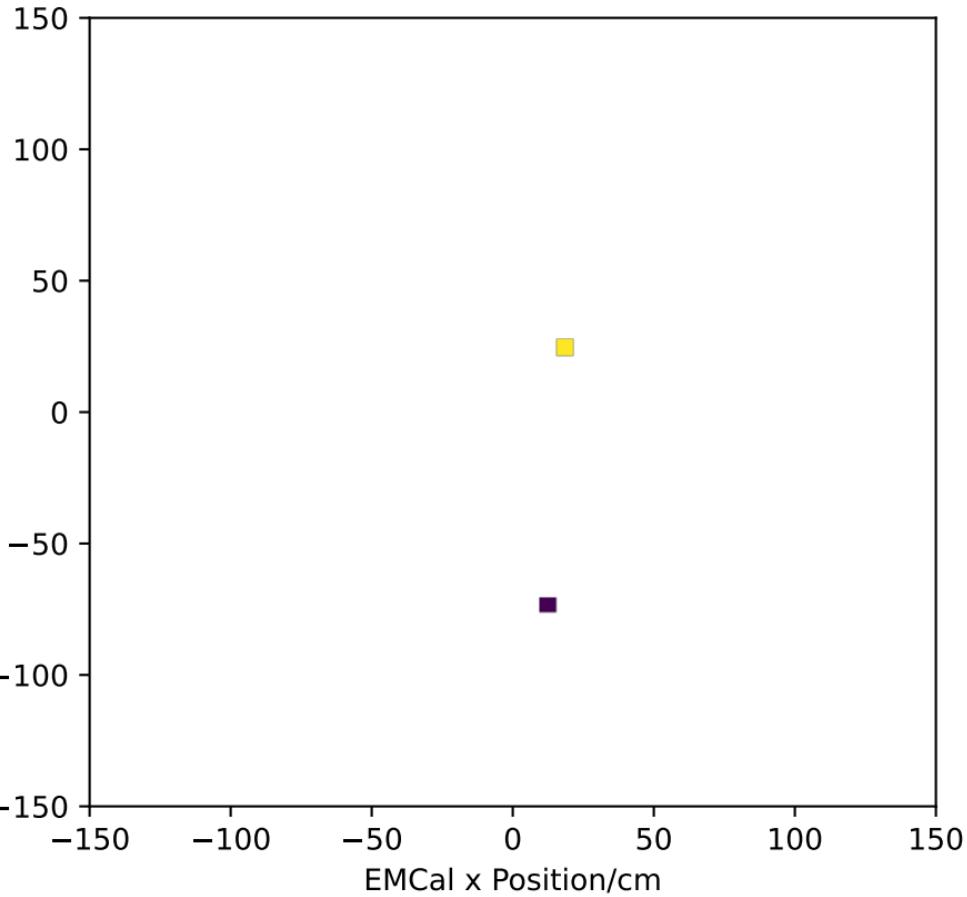


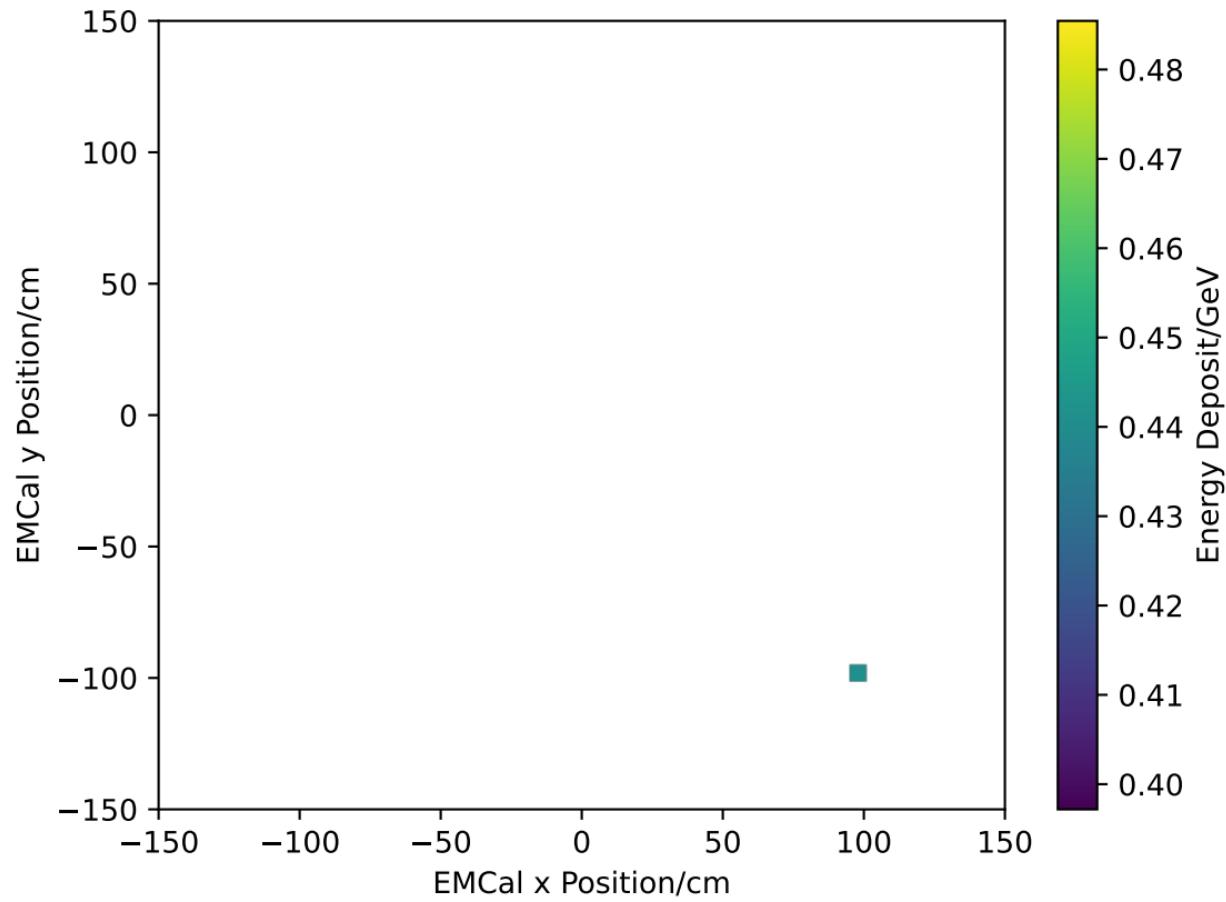


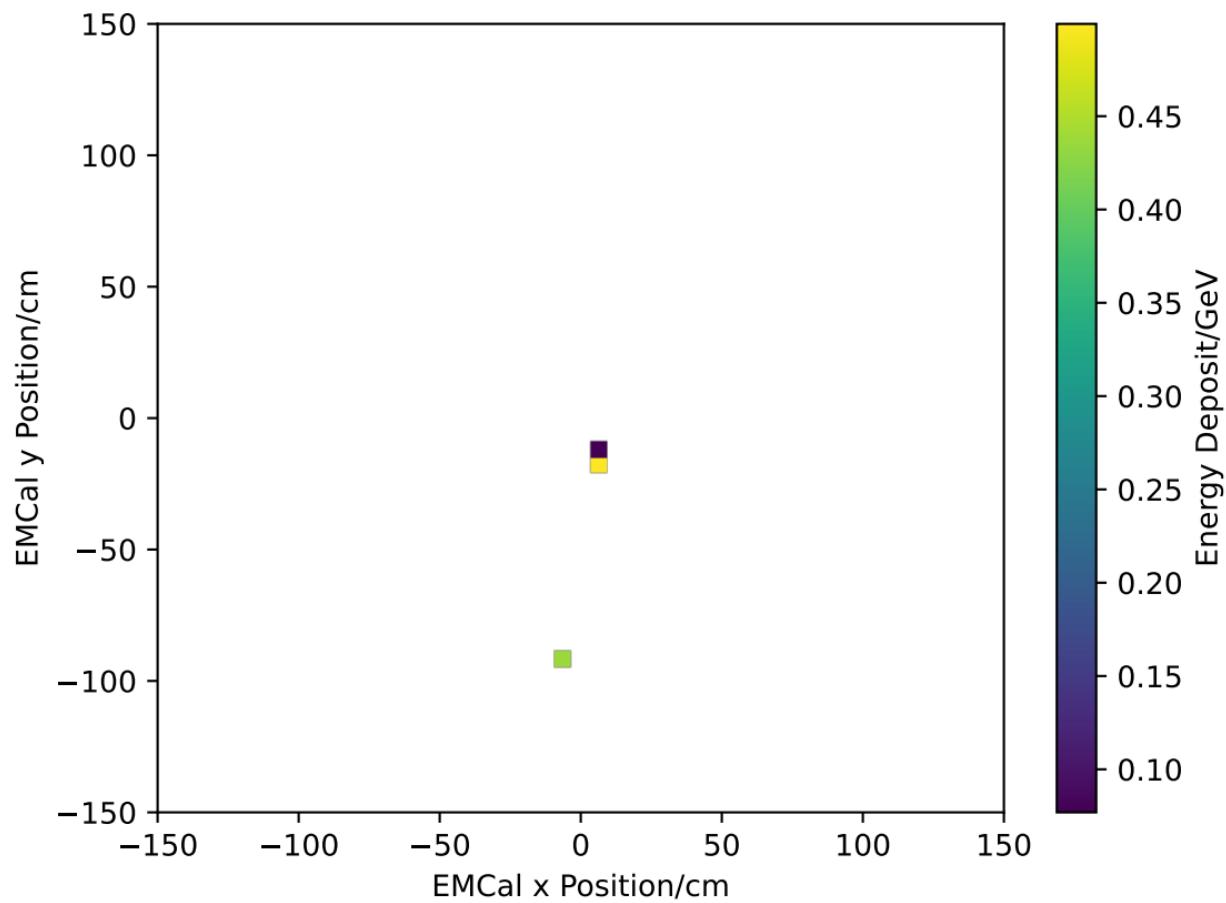


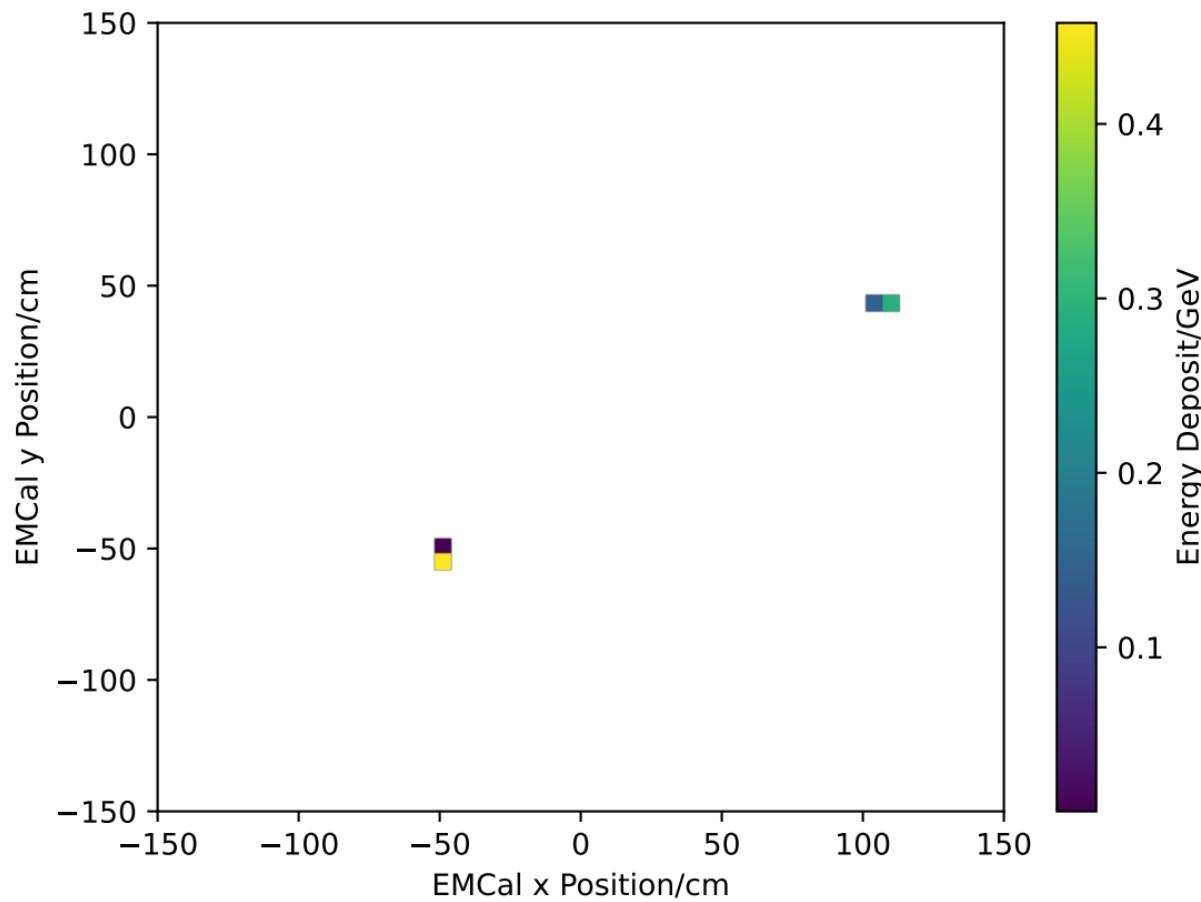


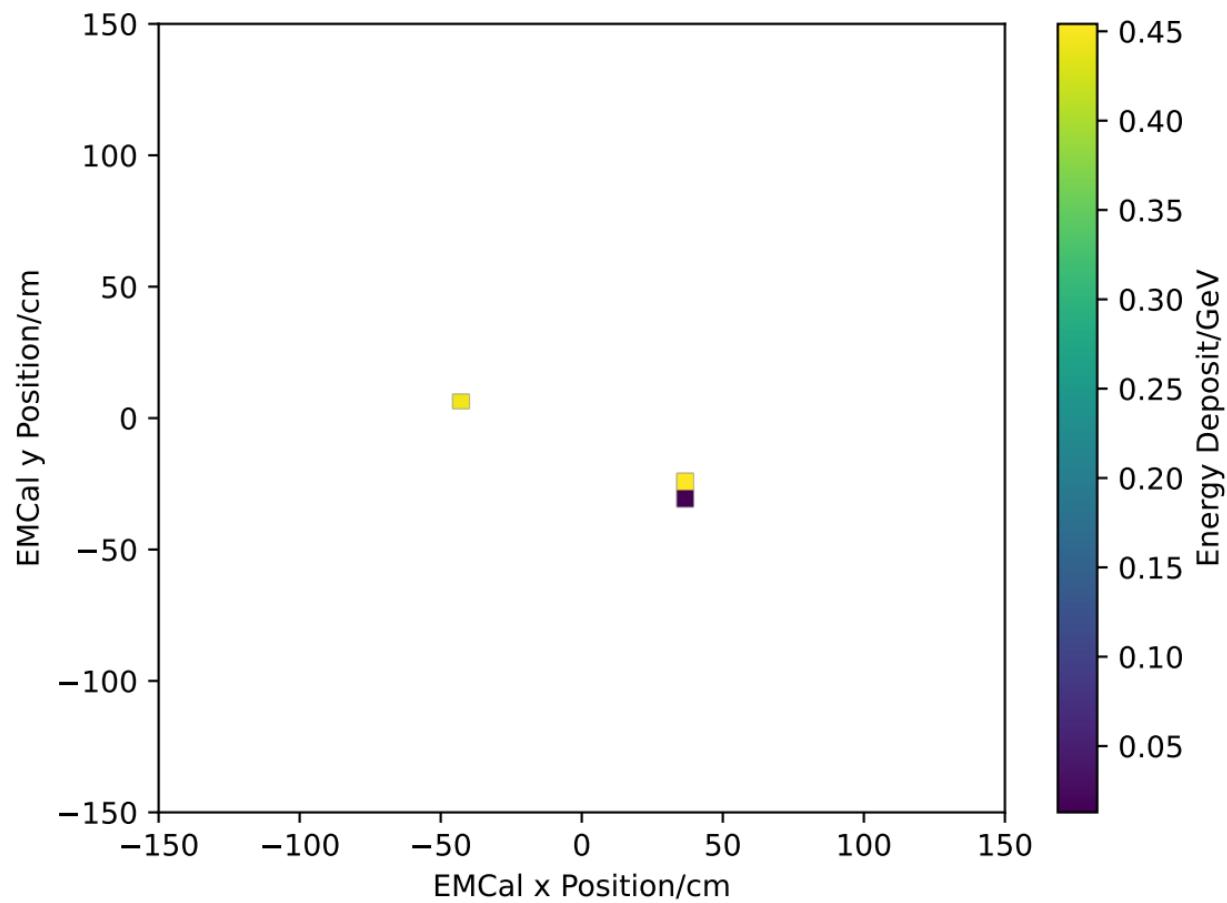
EMCal y Position/cm

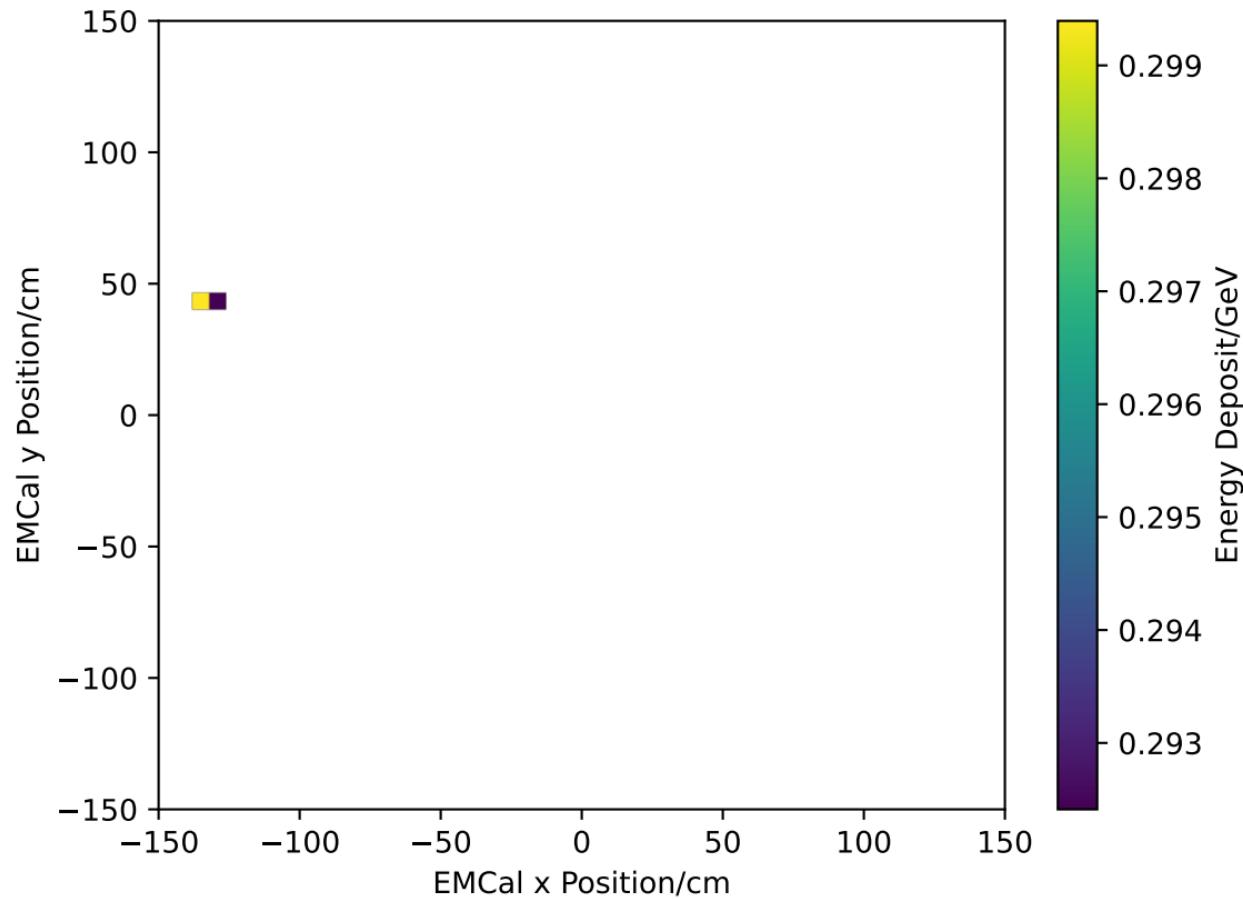


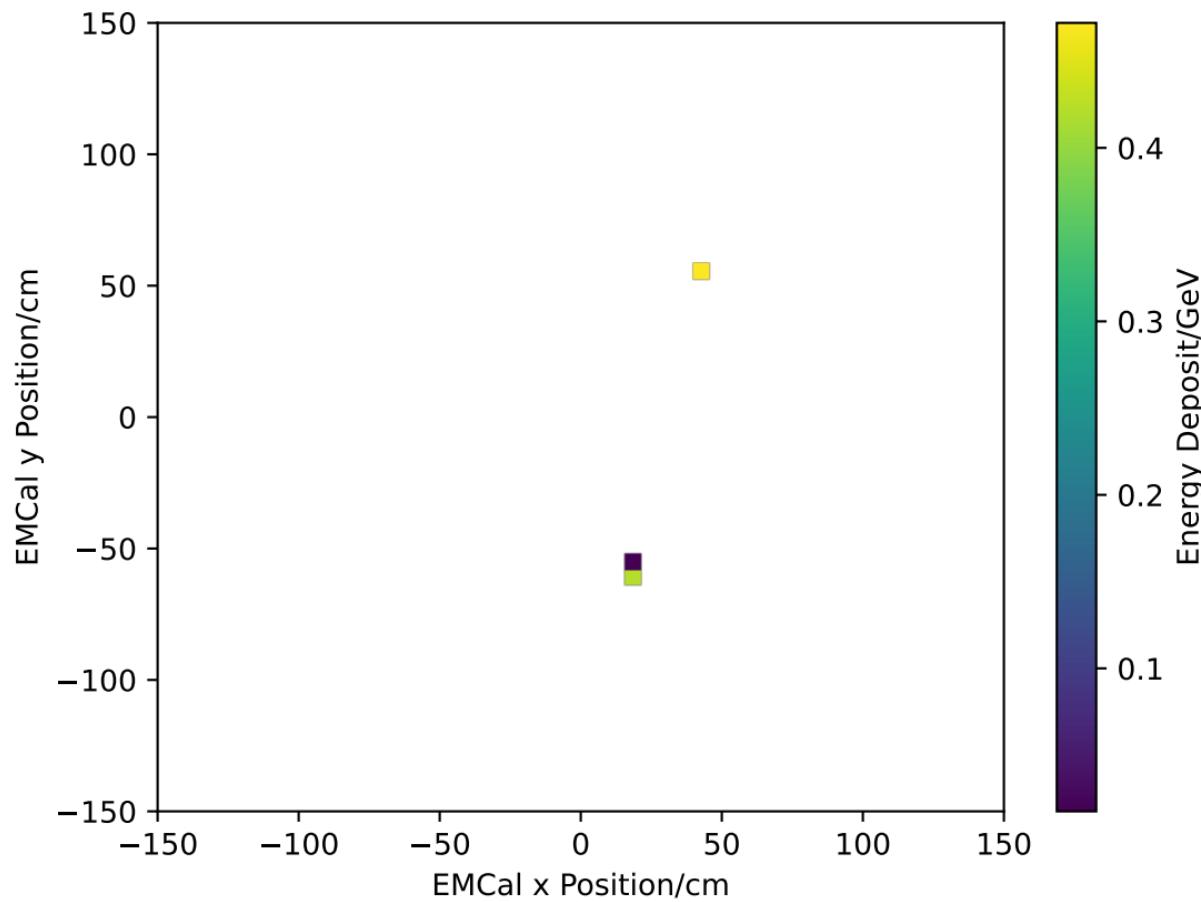


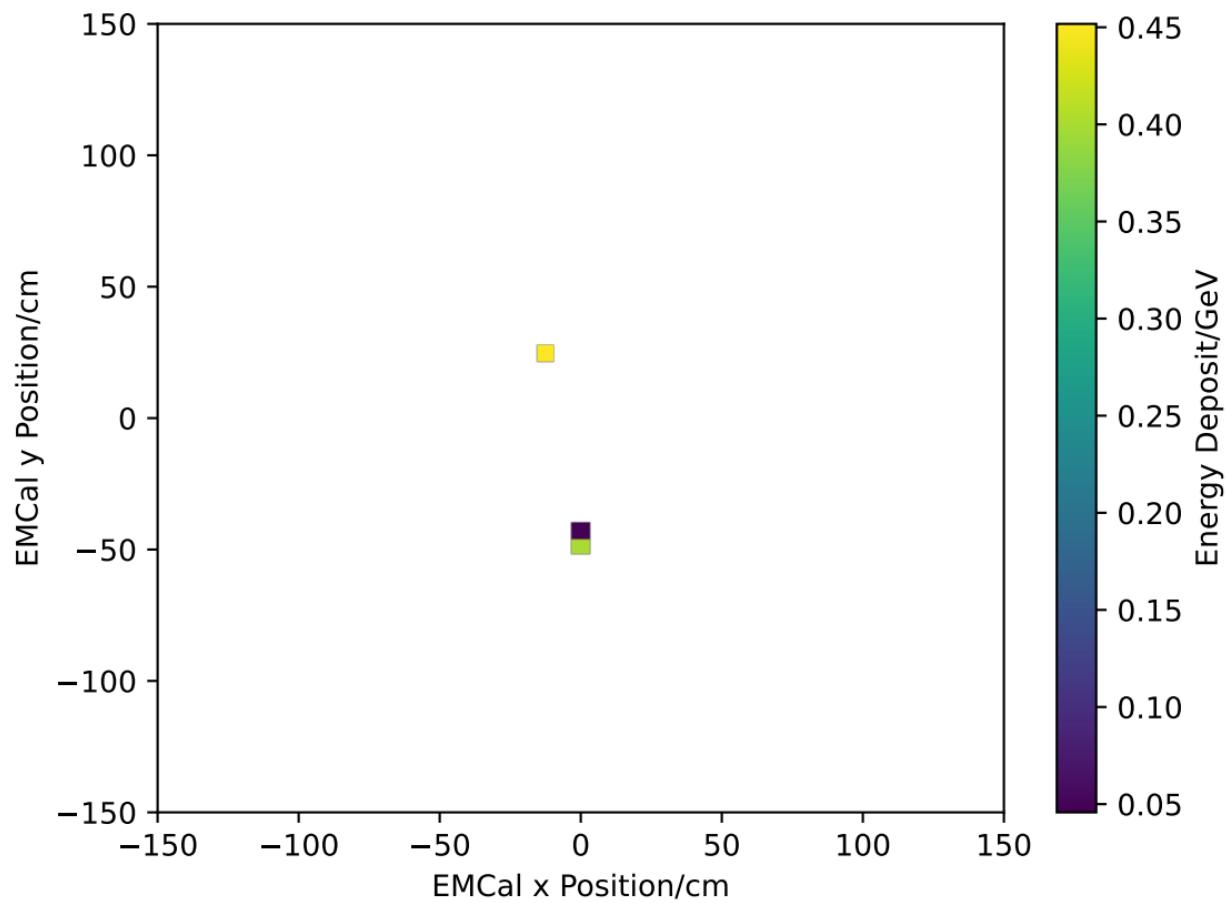


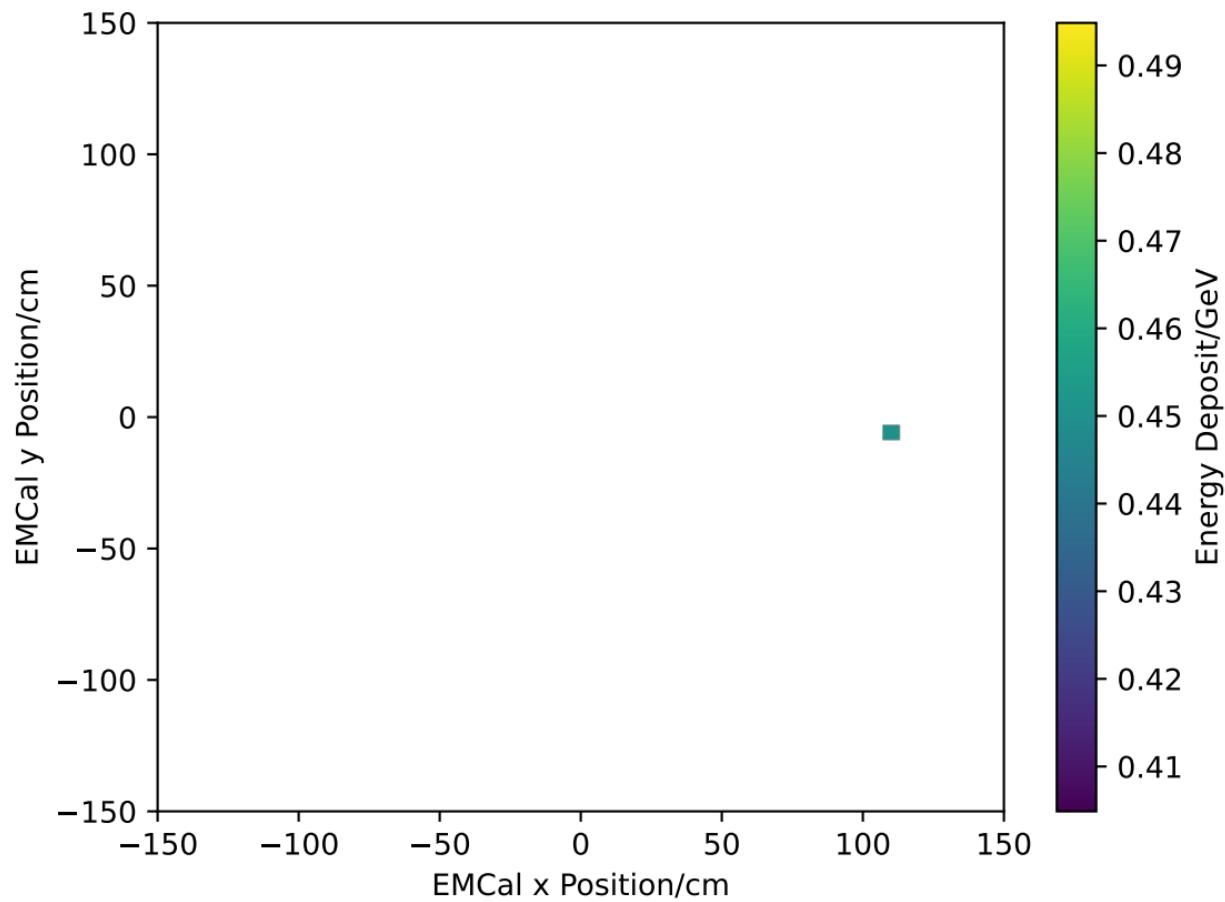


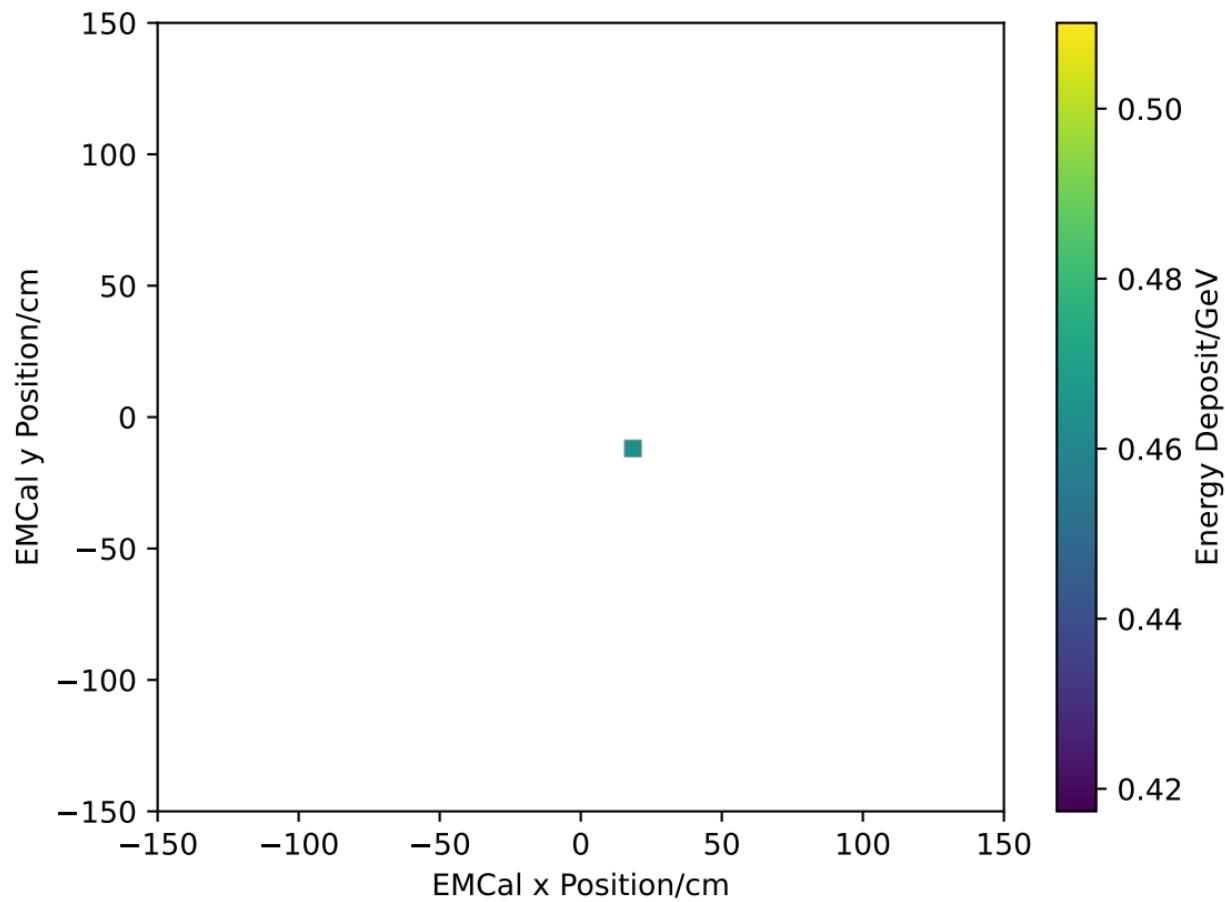


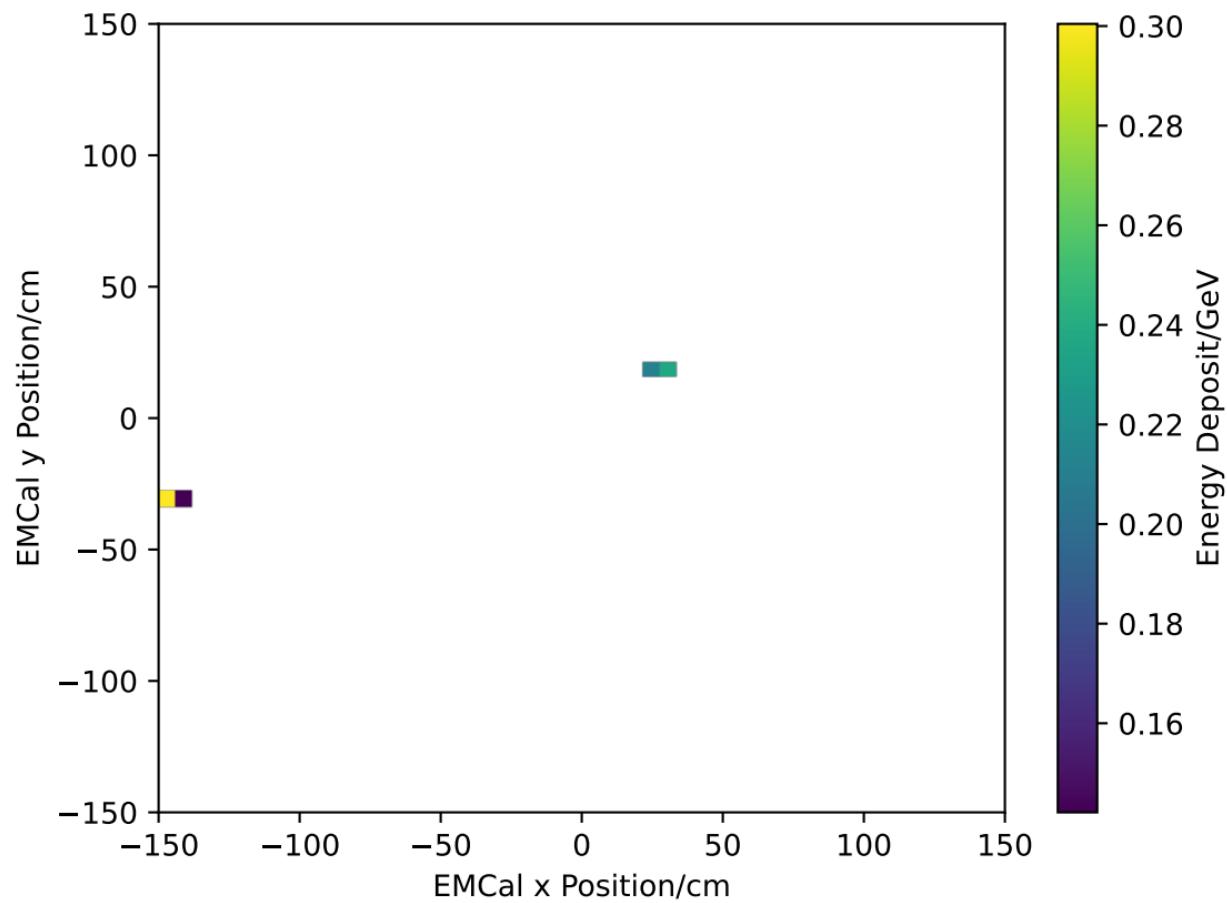


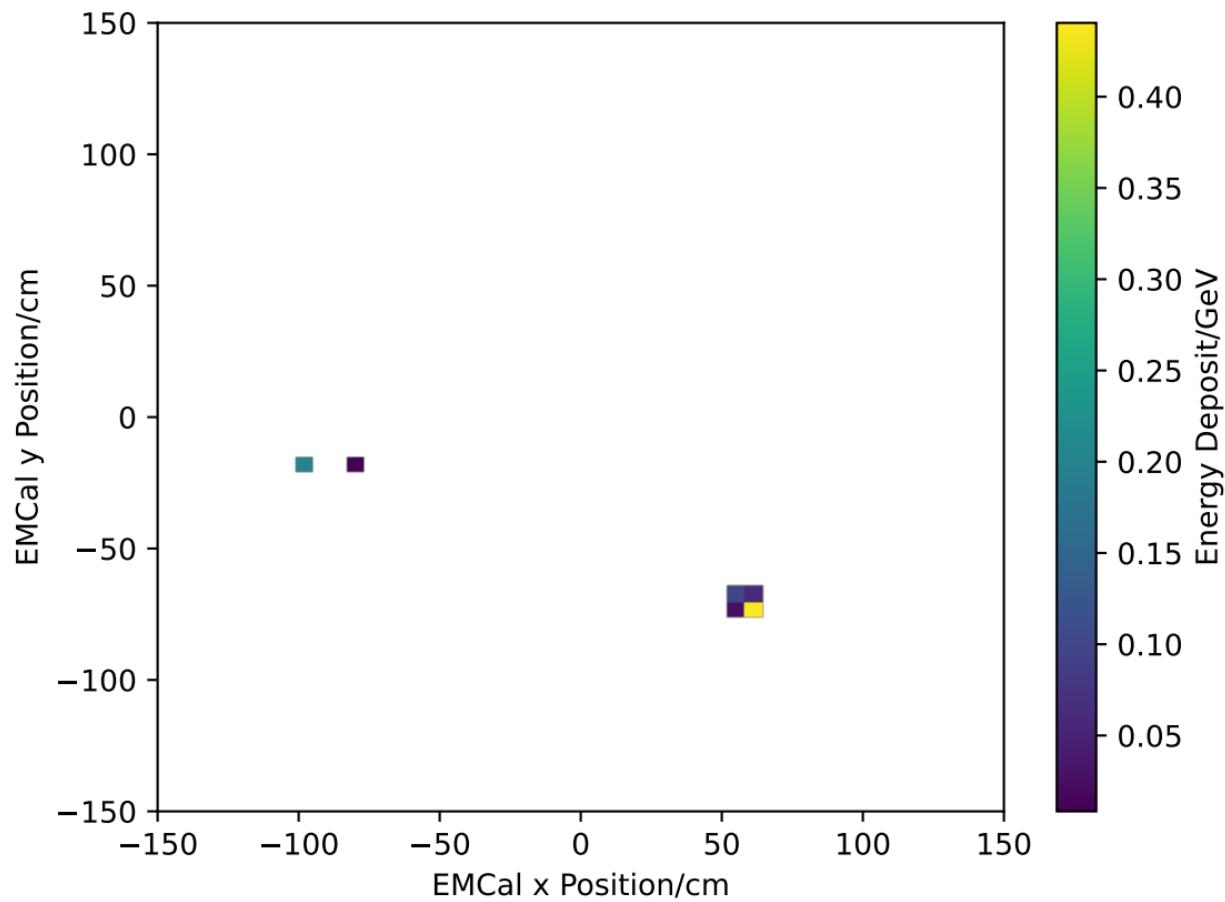


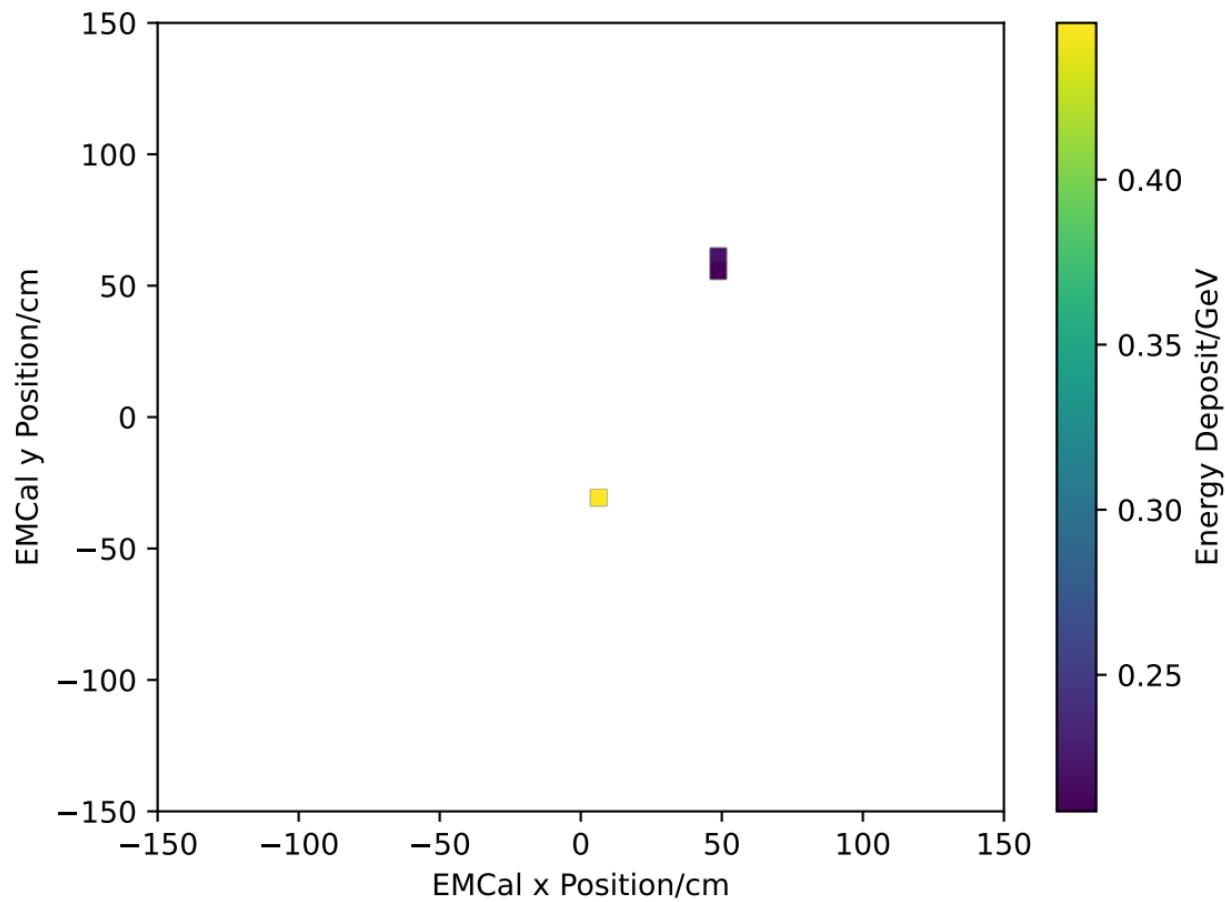


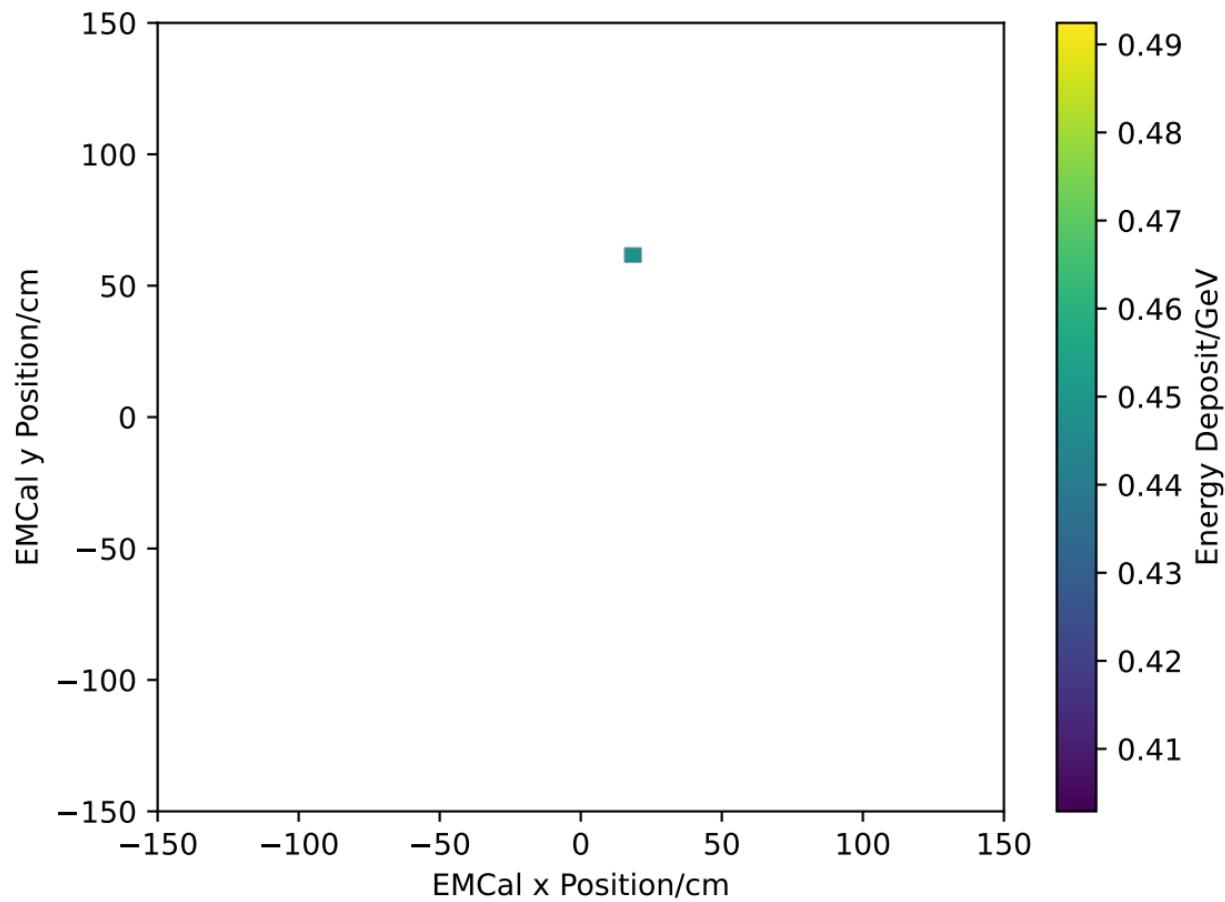


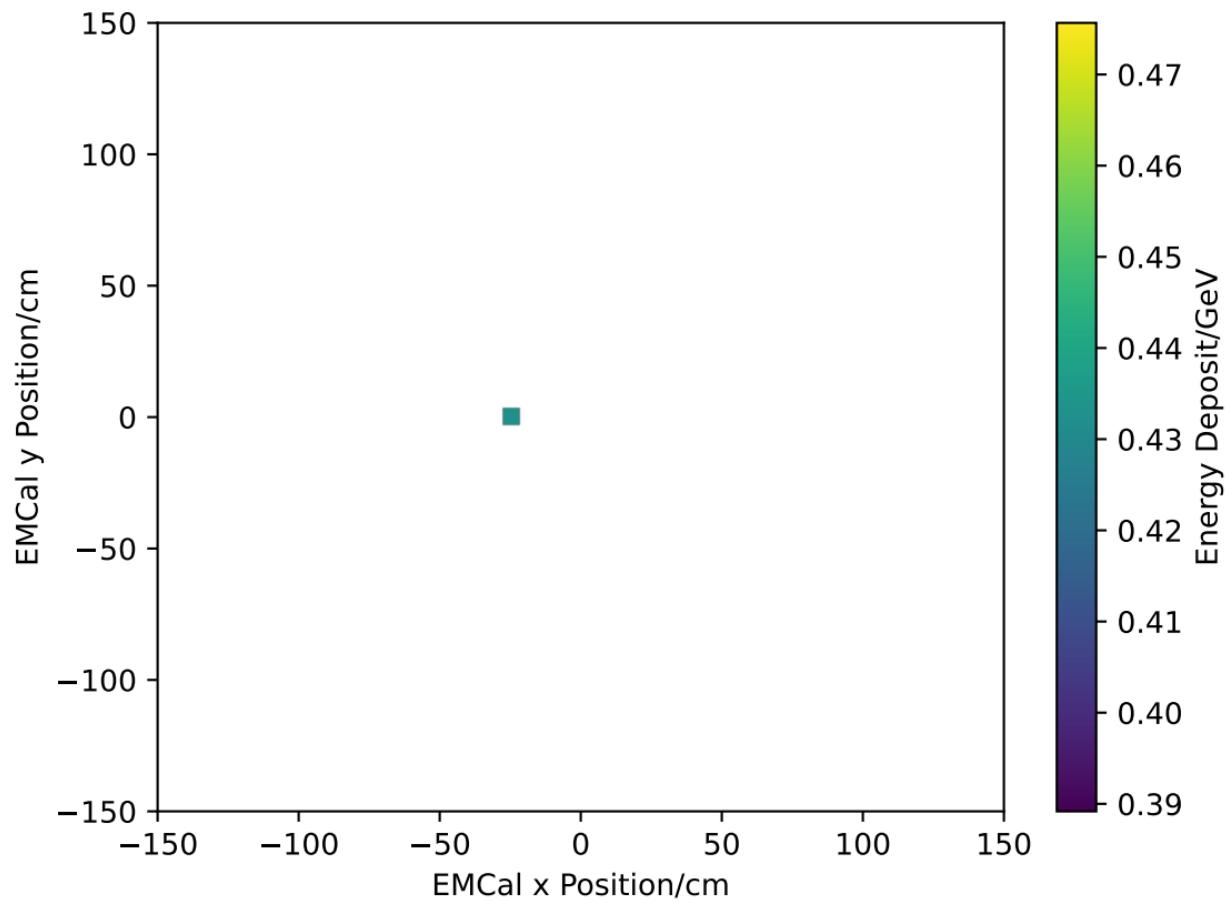




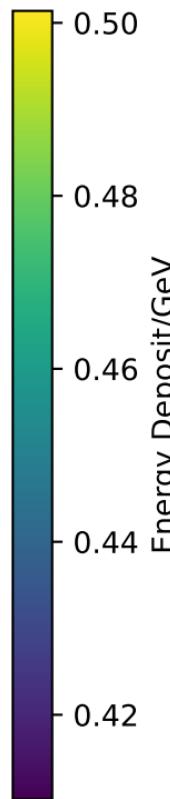
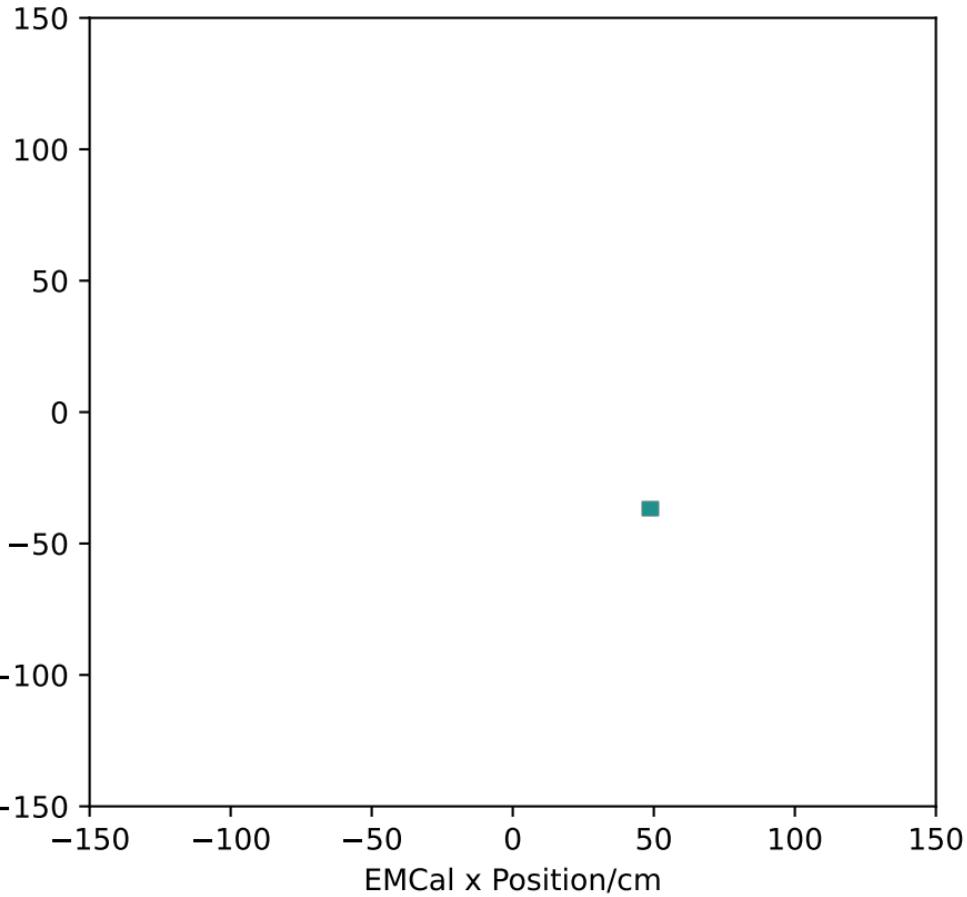






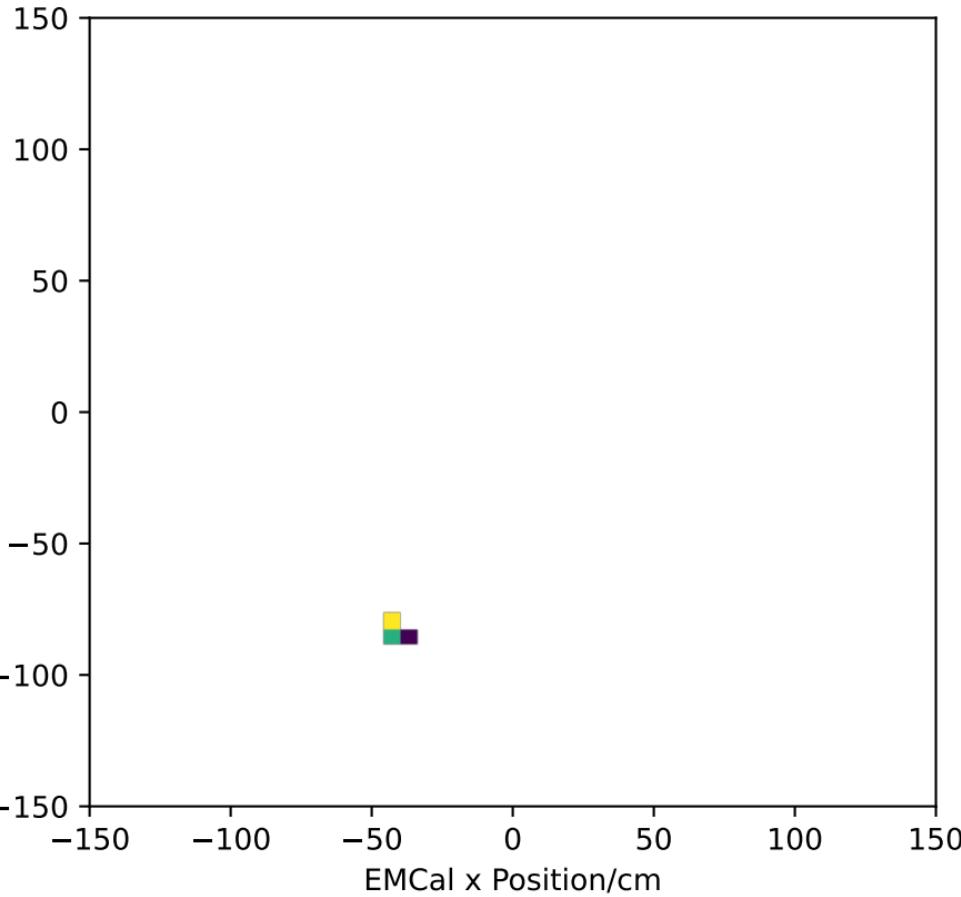


EMCal y Position/cm

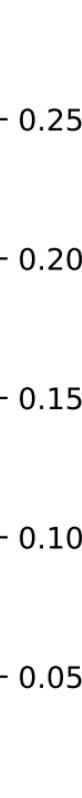


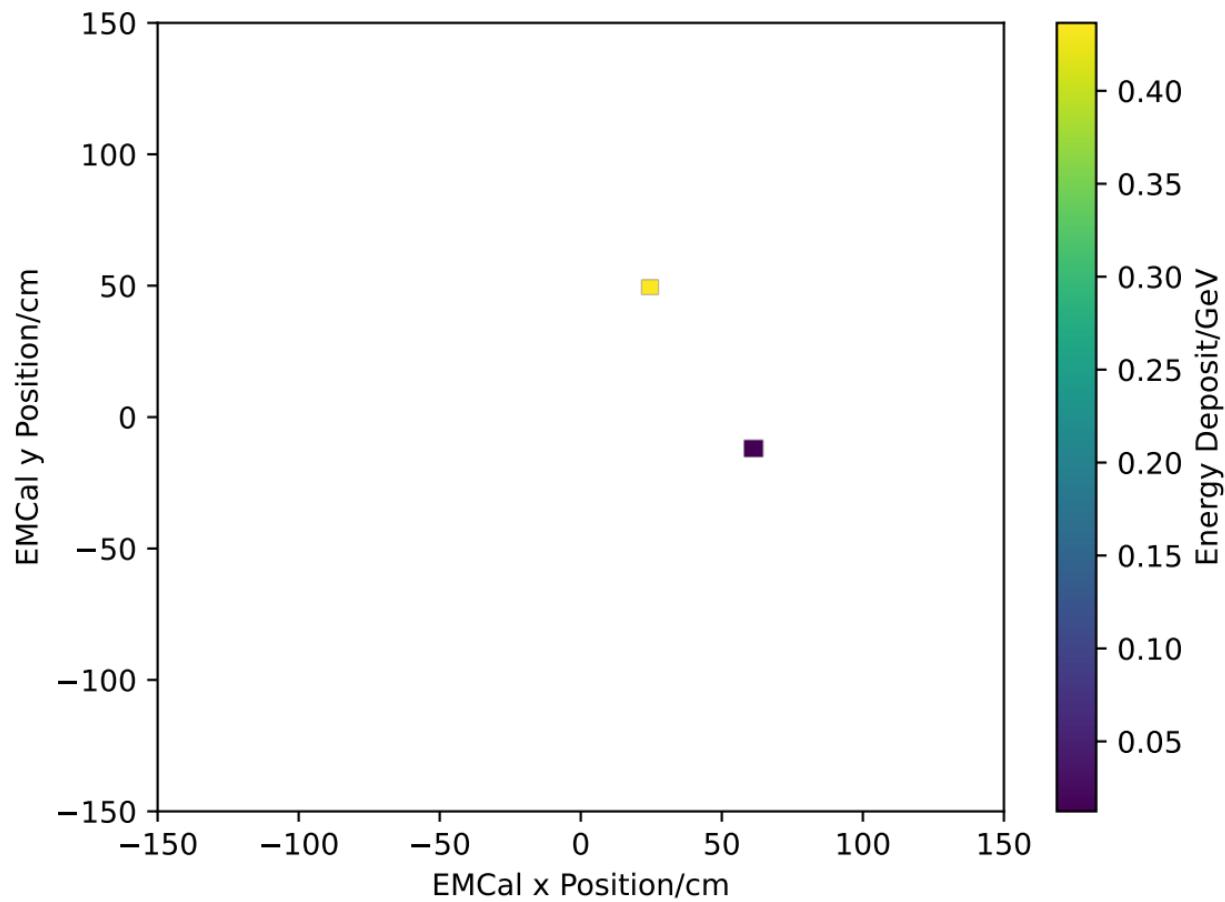
Energy Deposit/GeV

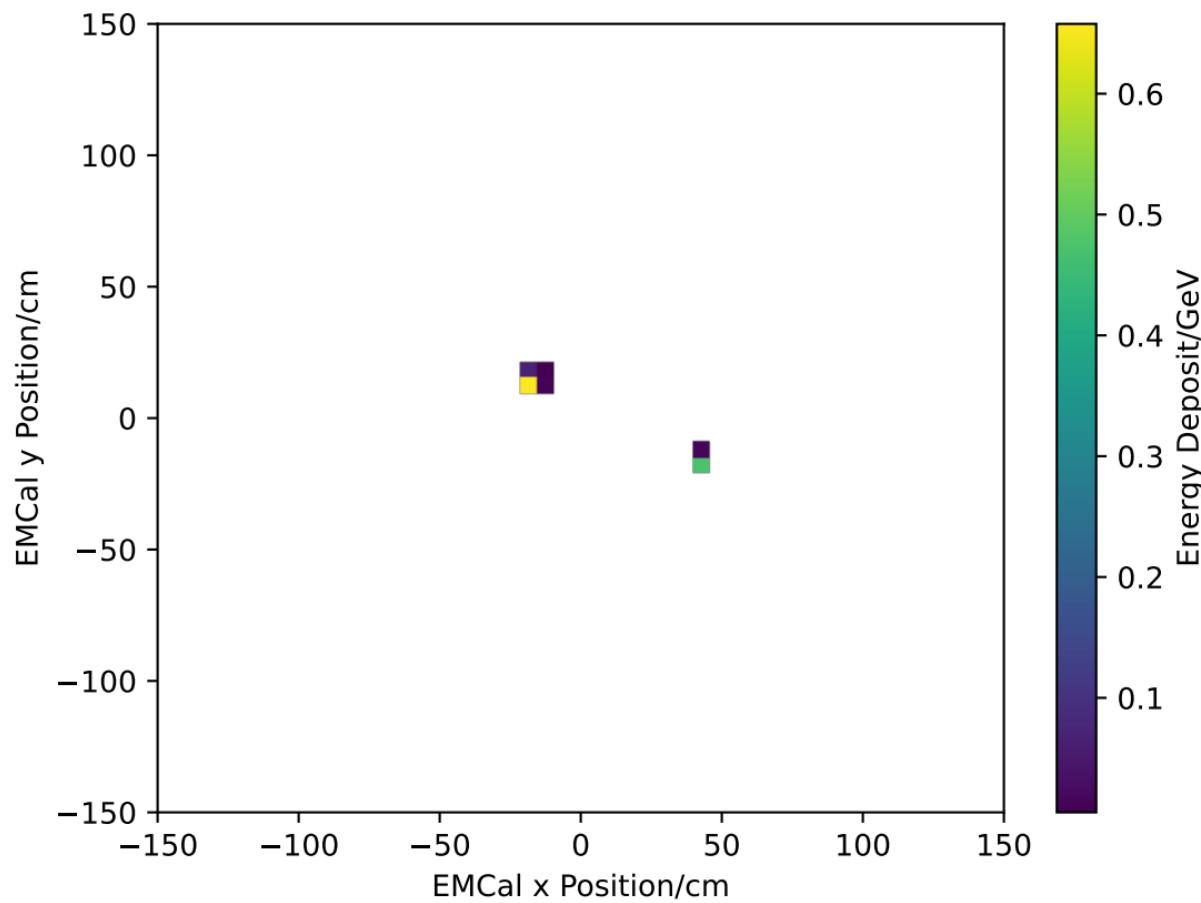
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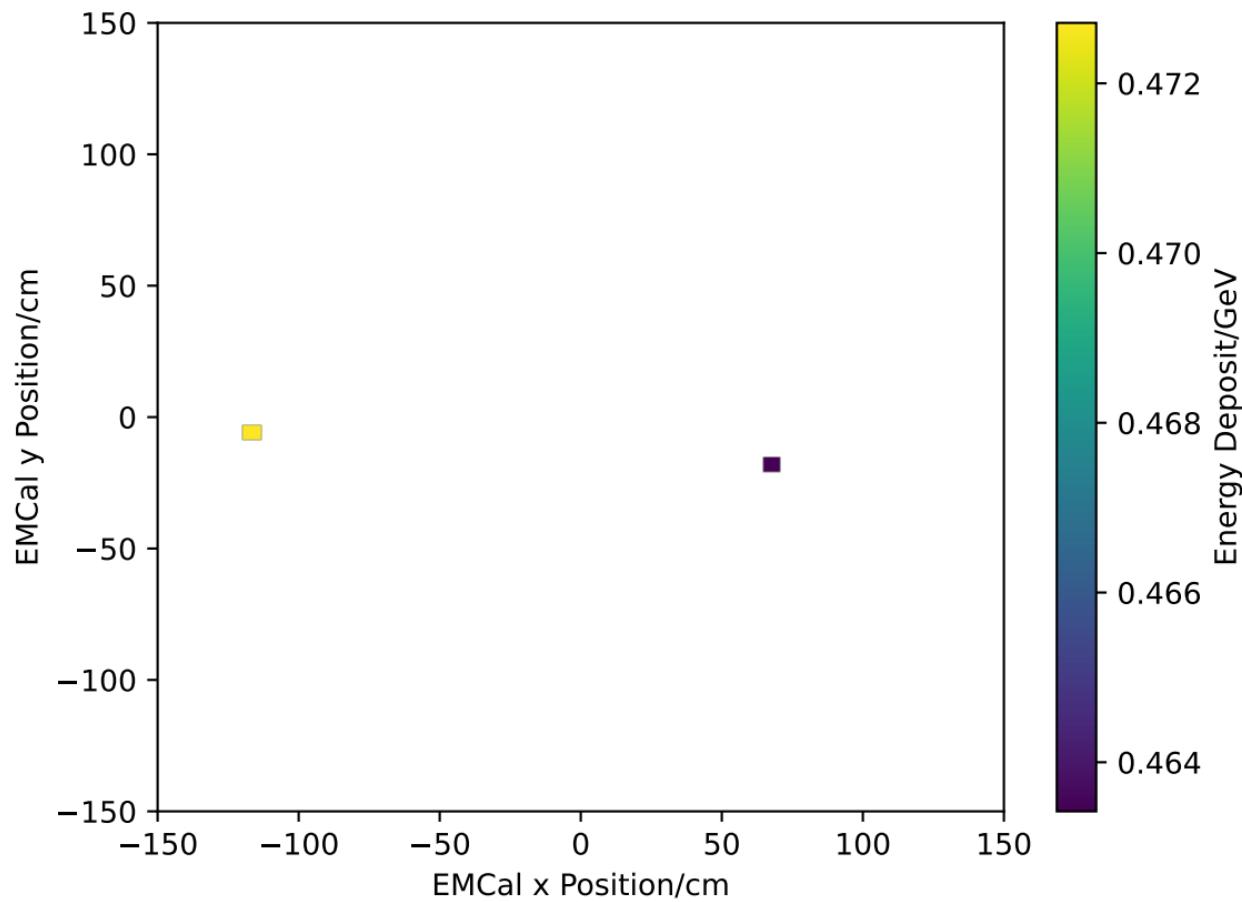


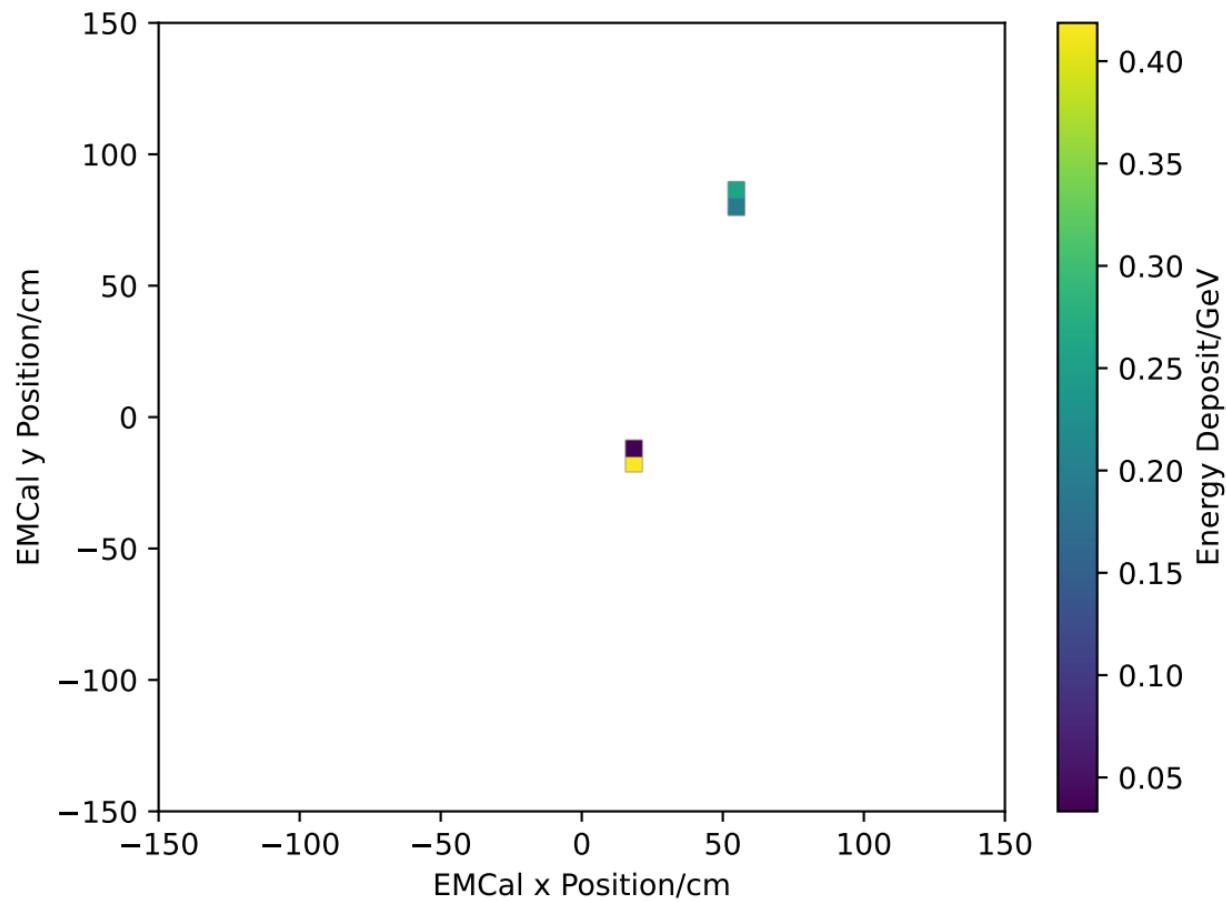
Energy Deposit/GeV

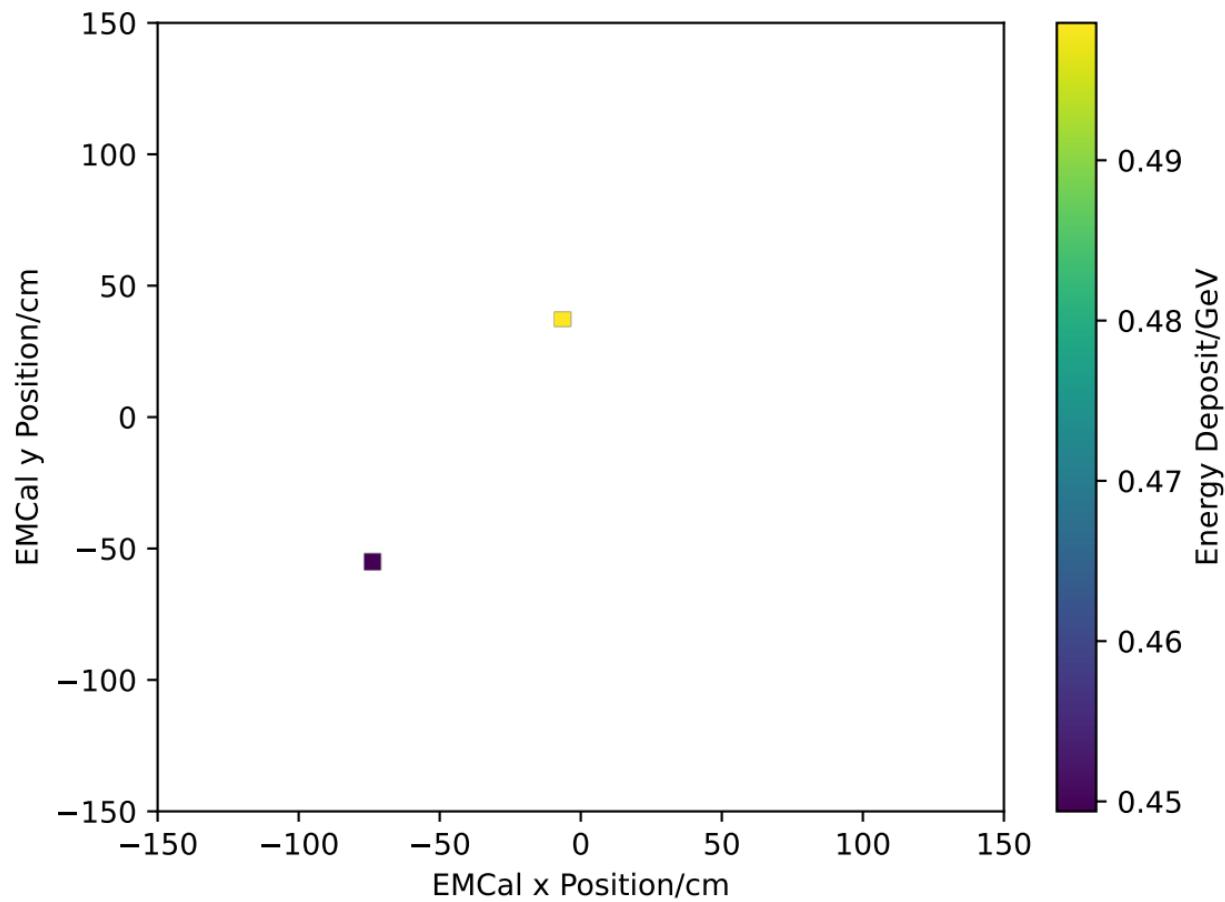












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

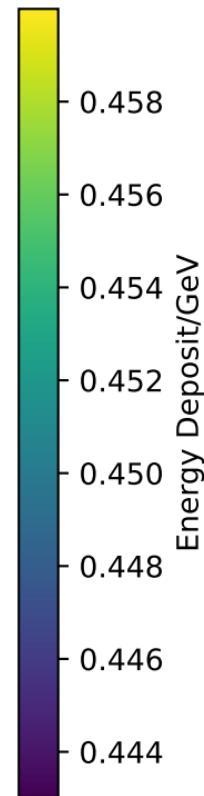
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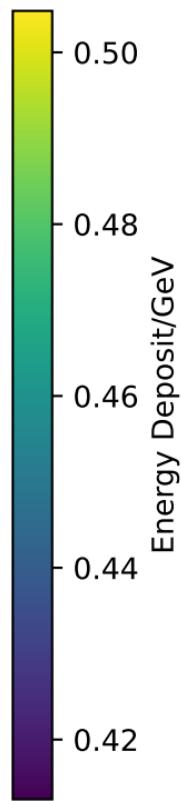
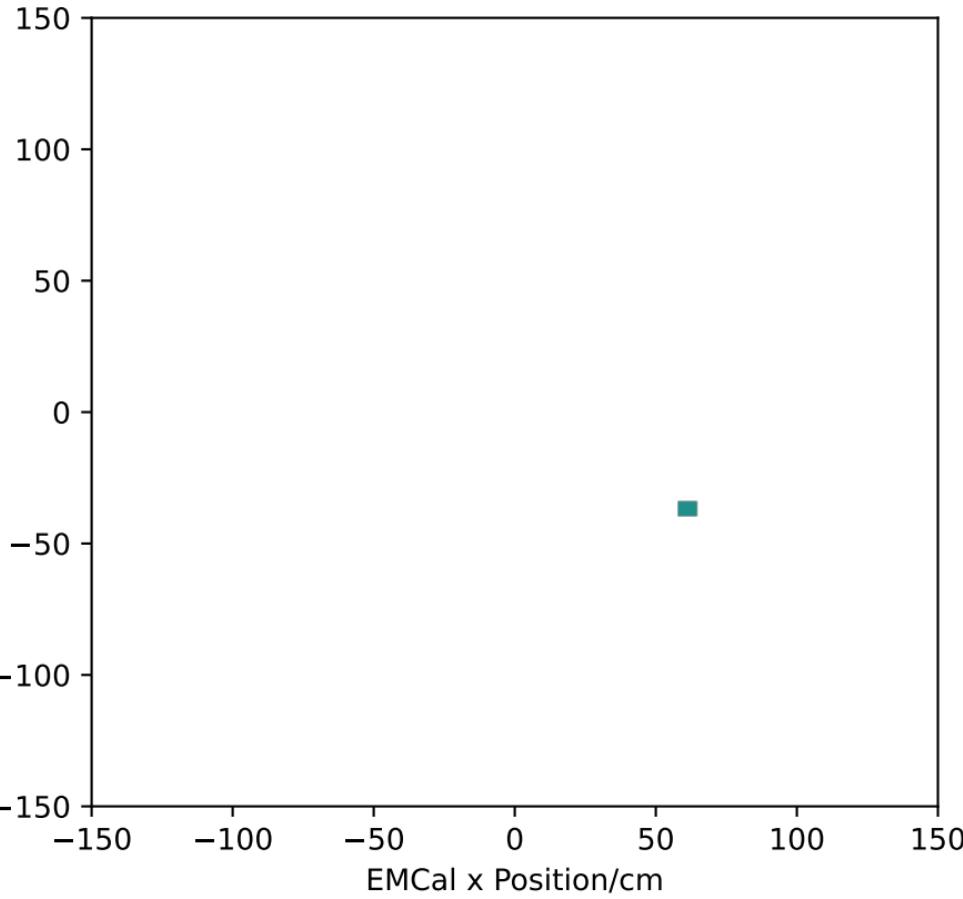
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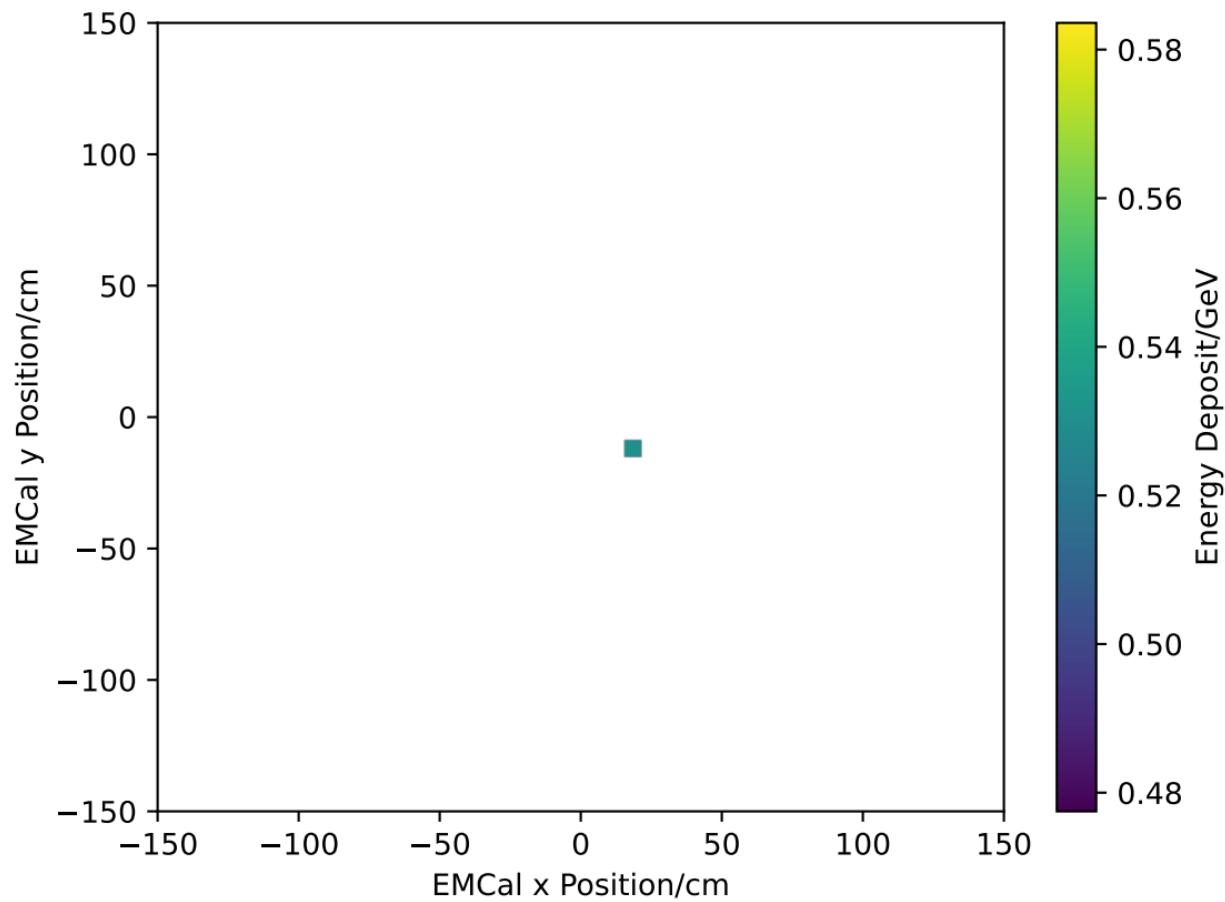
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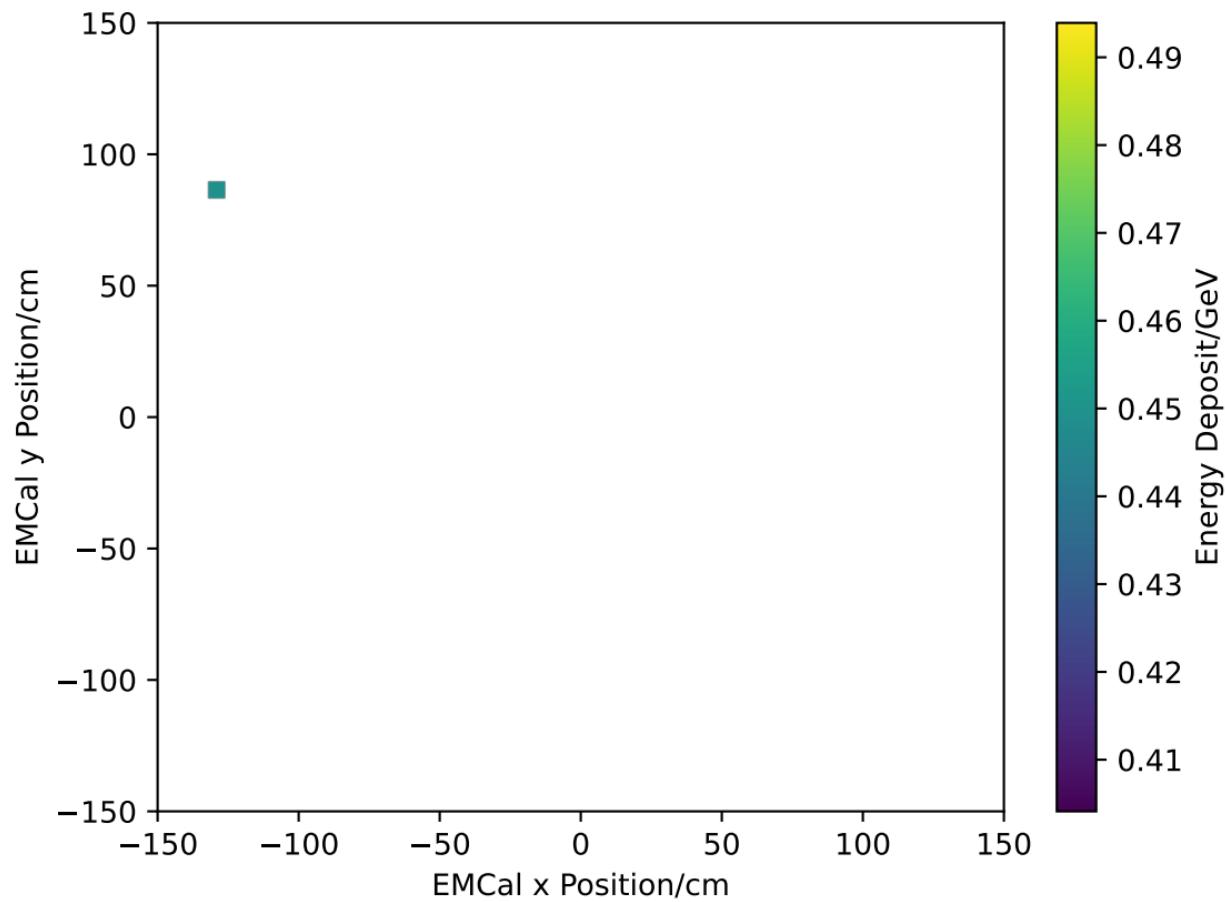
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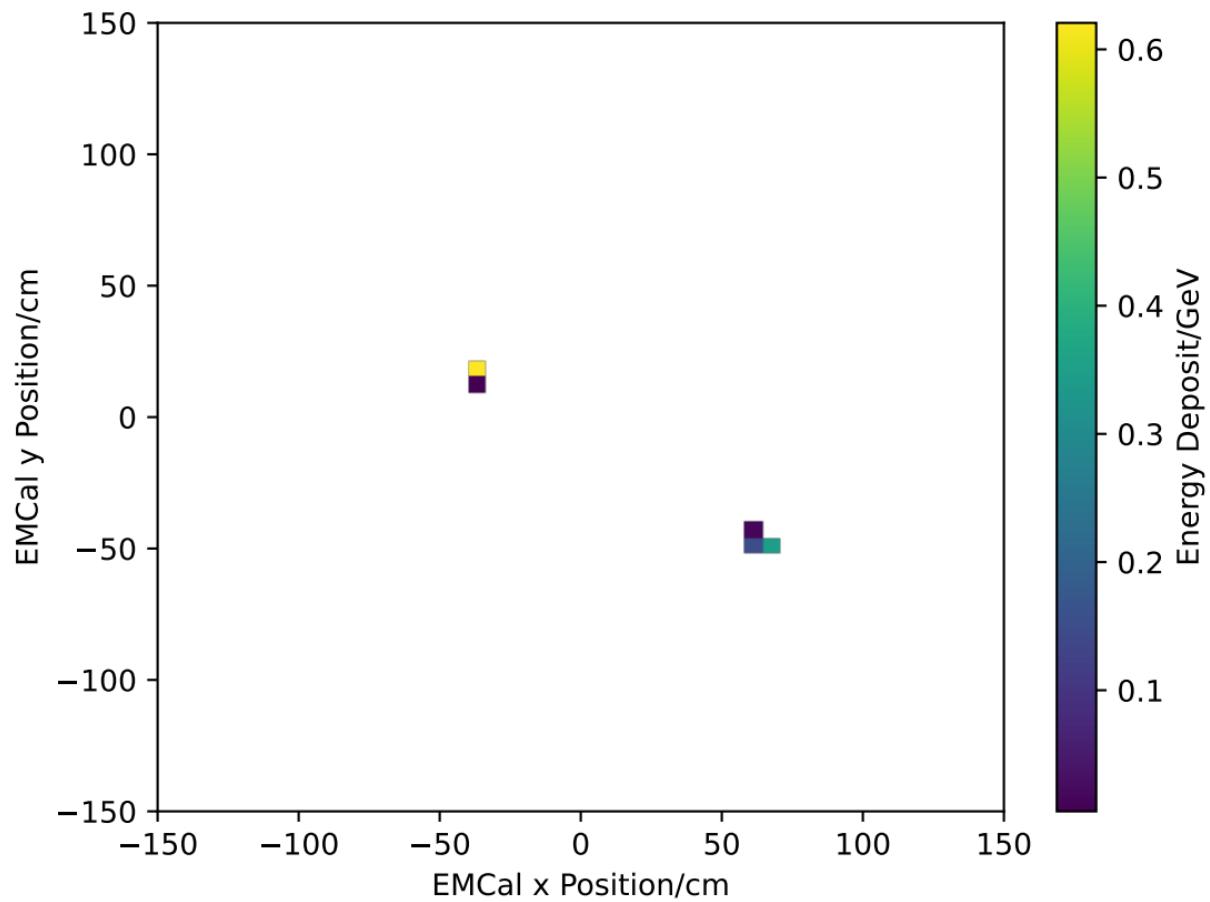


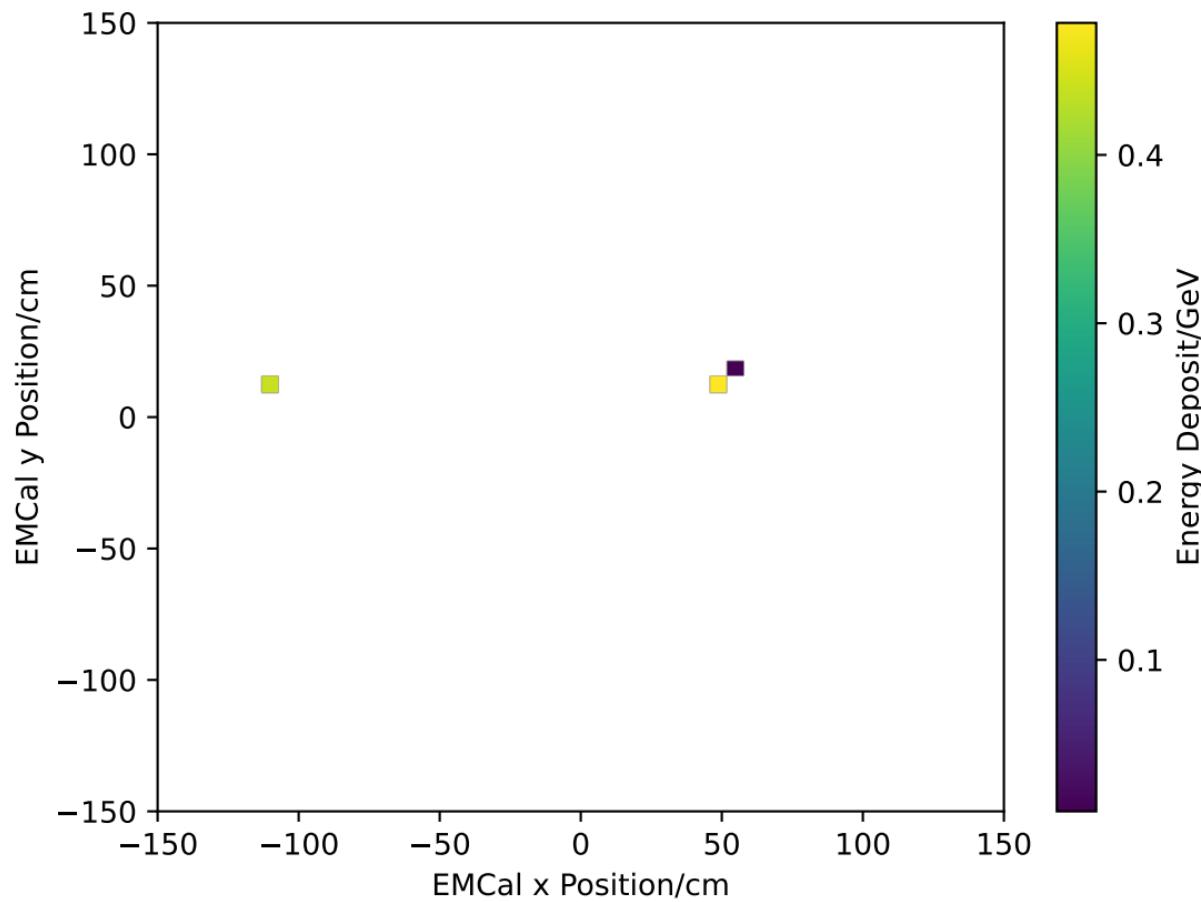
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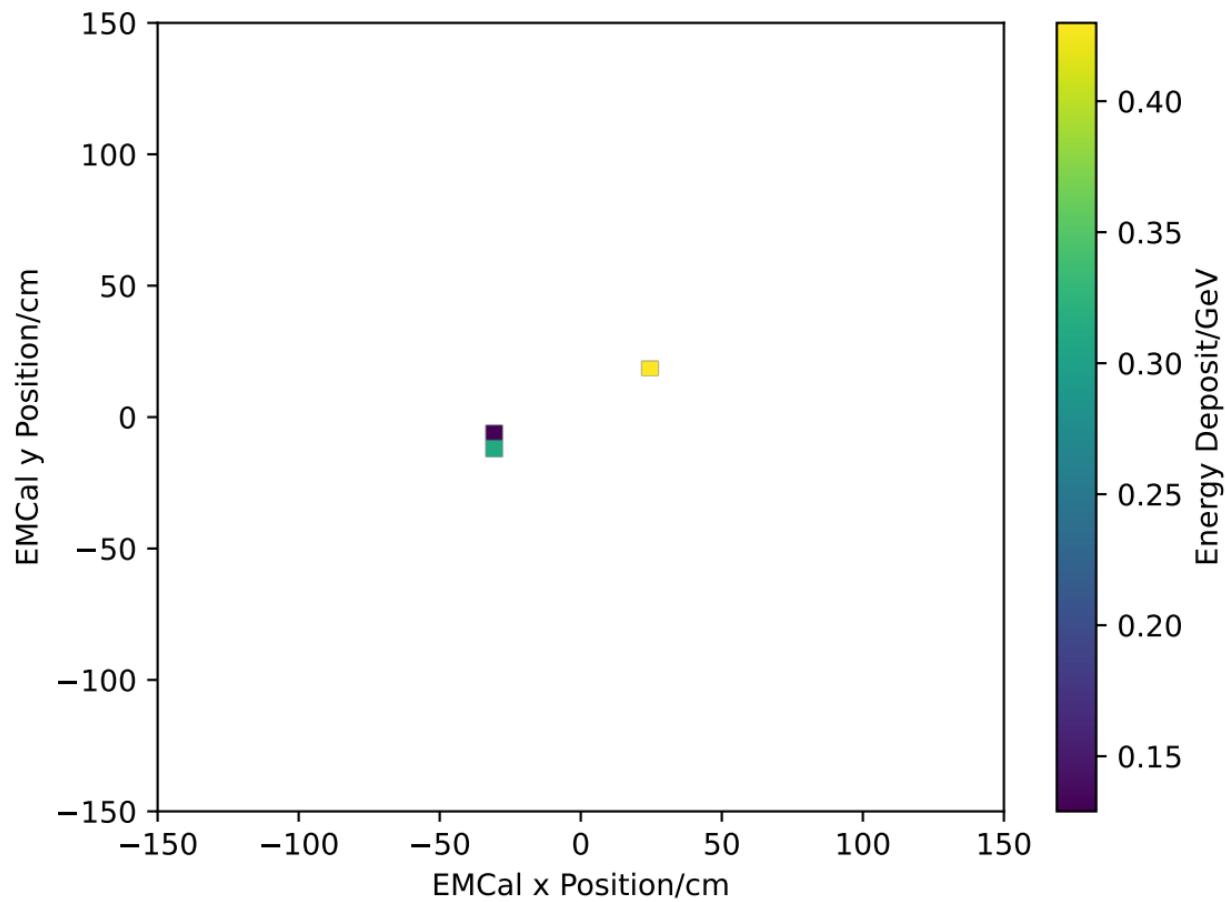


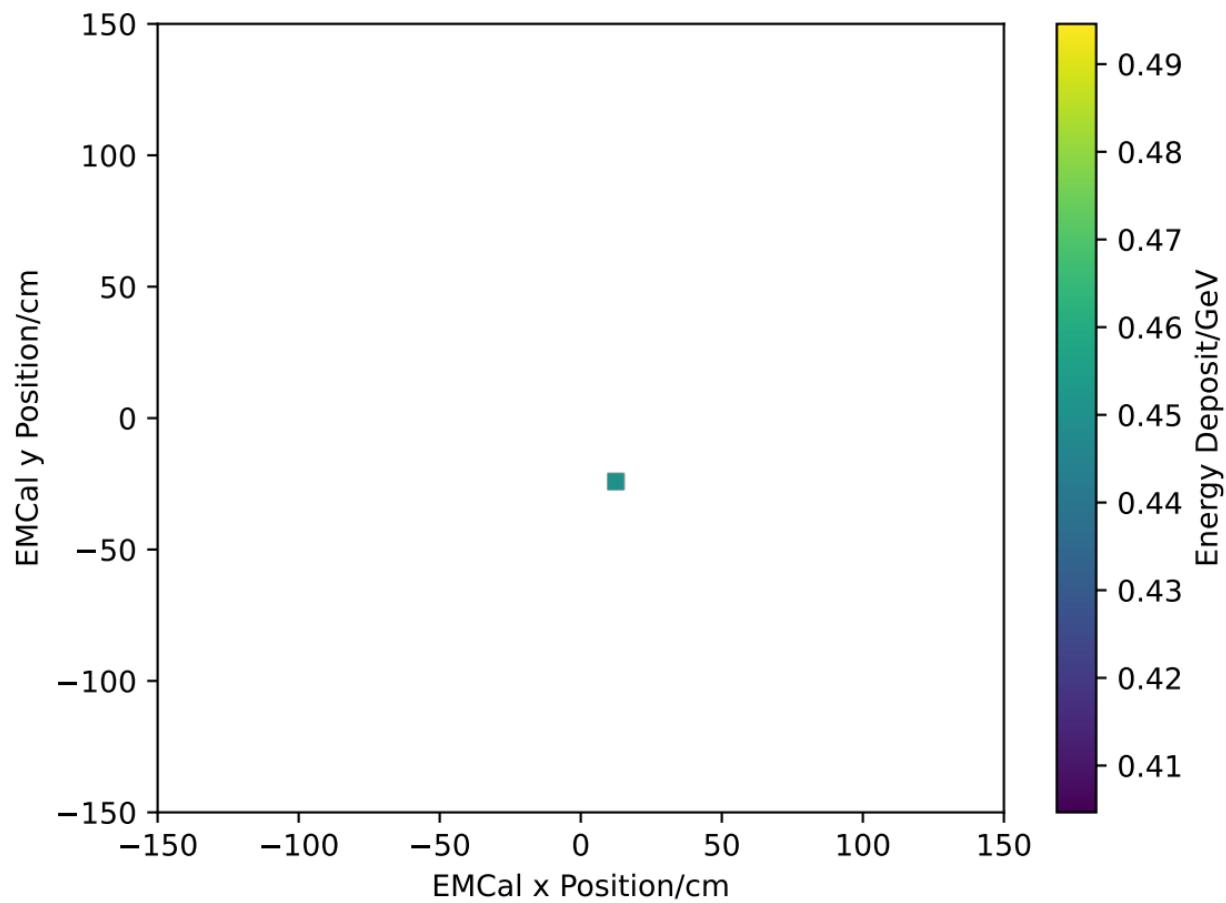


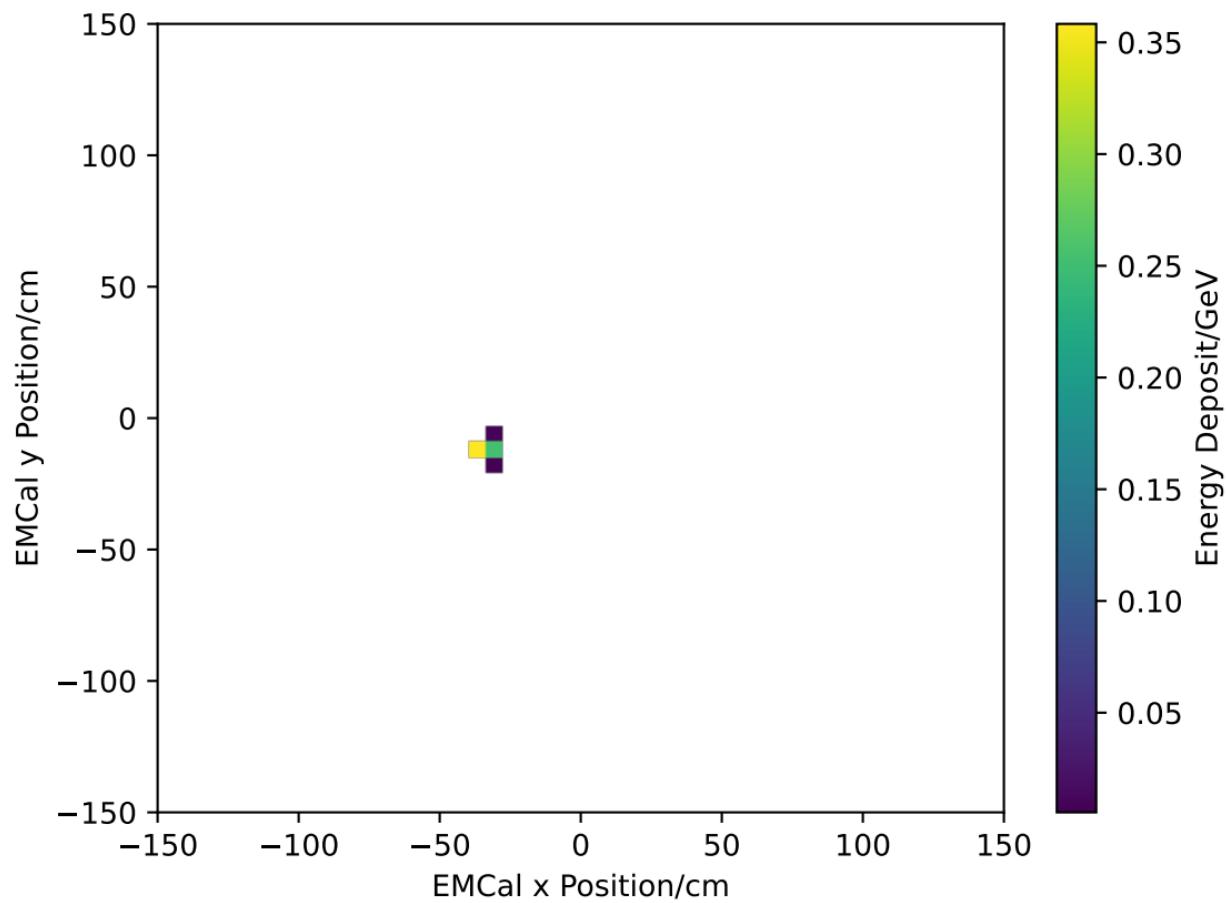


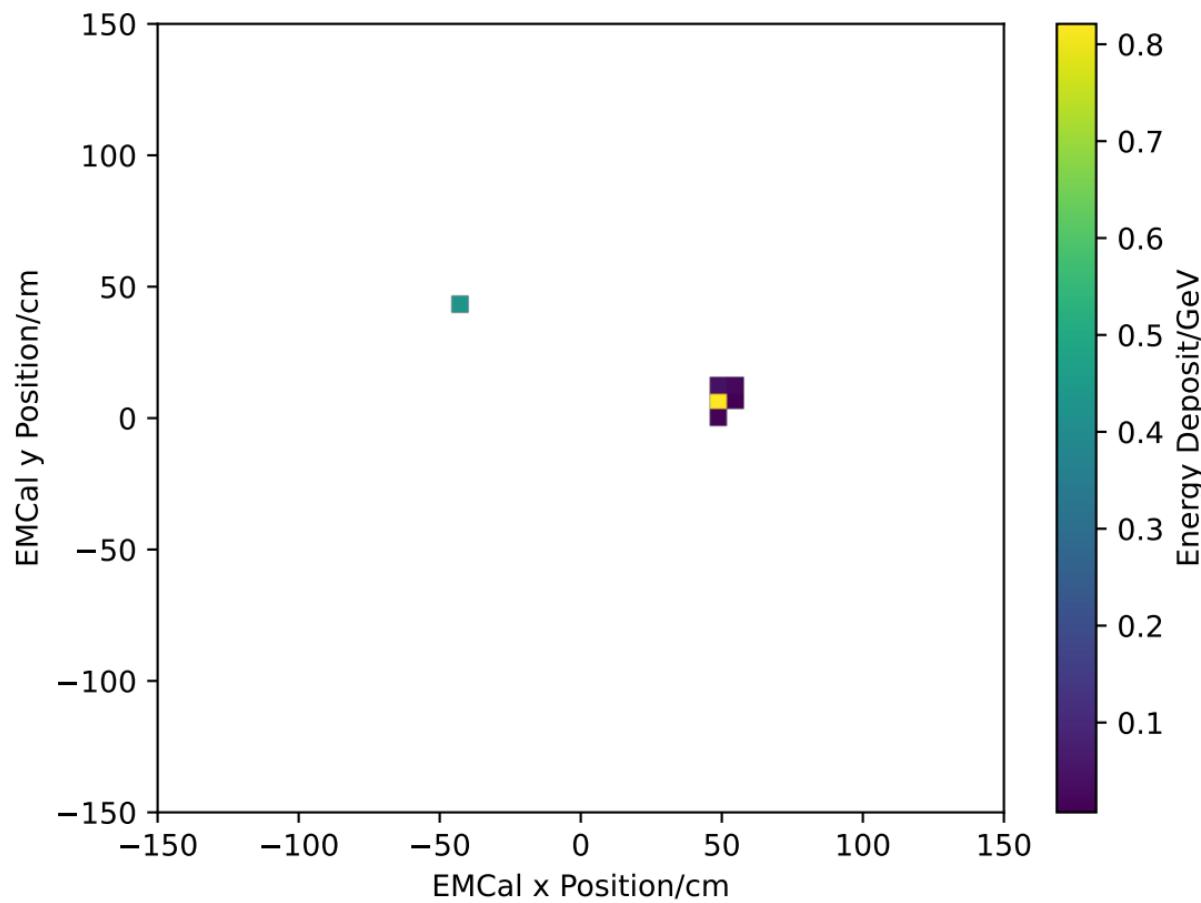


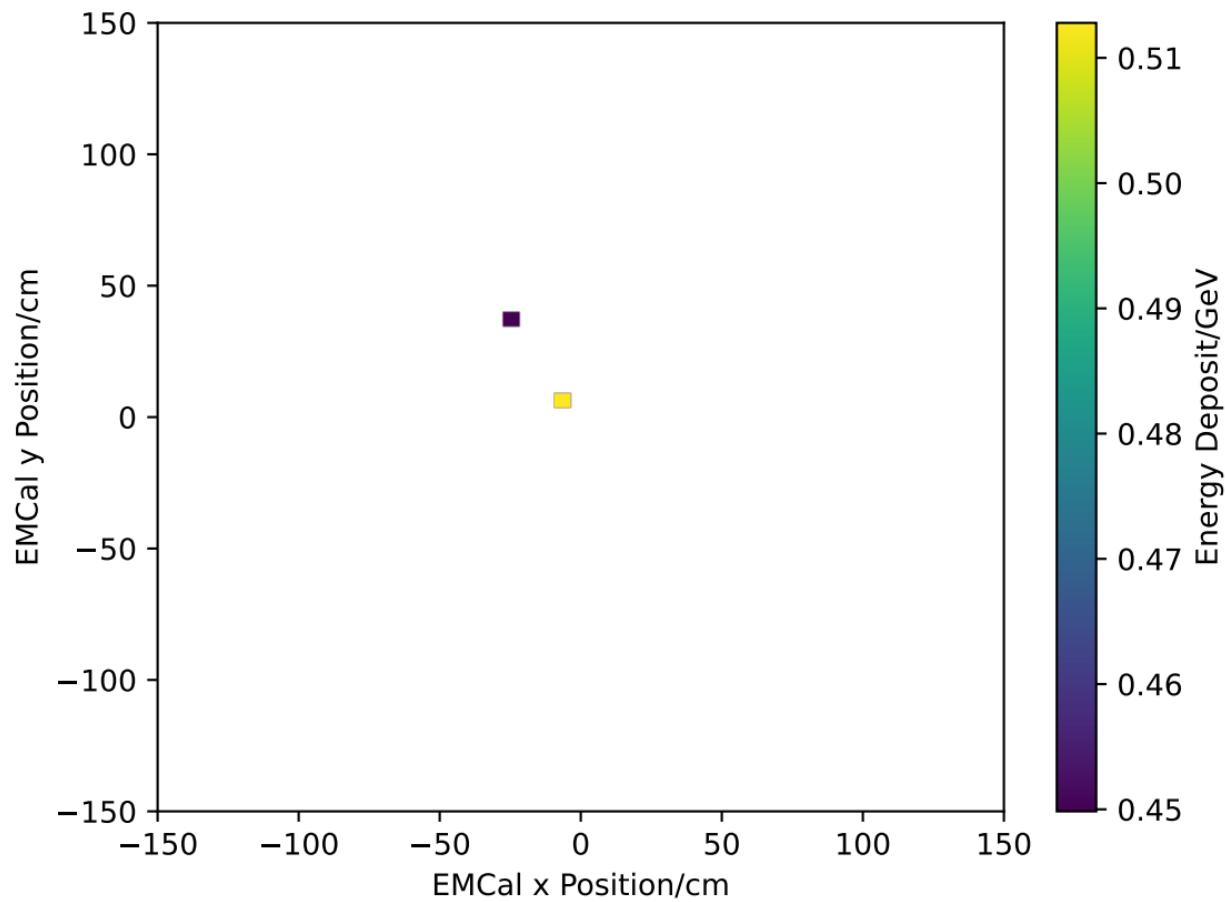


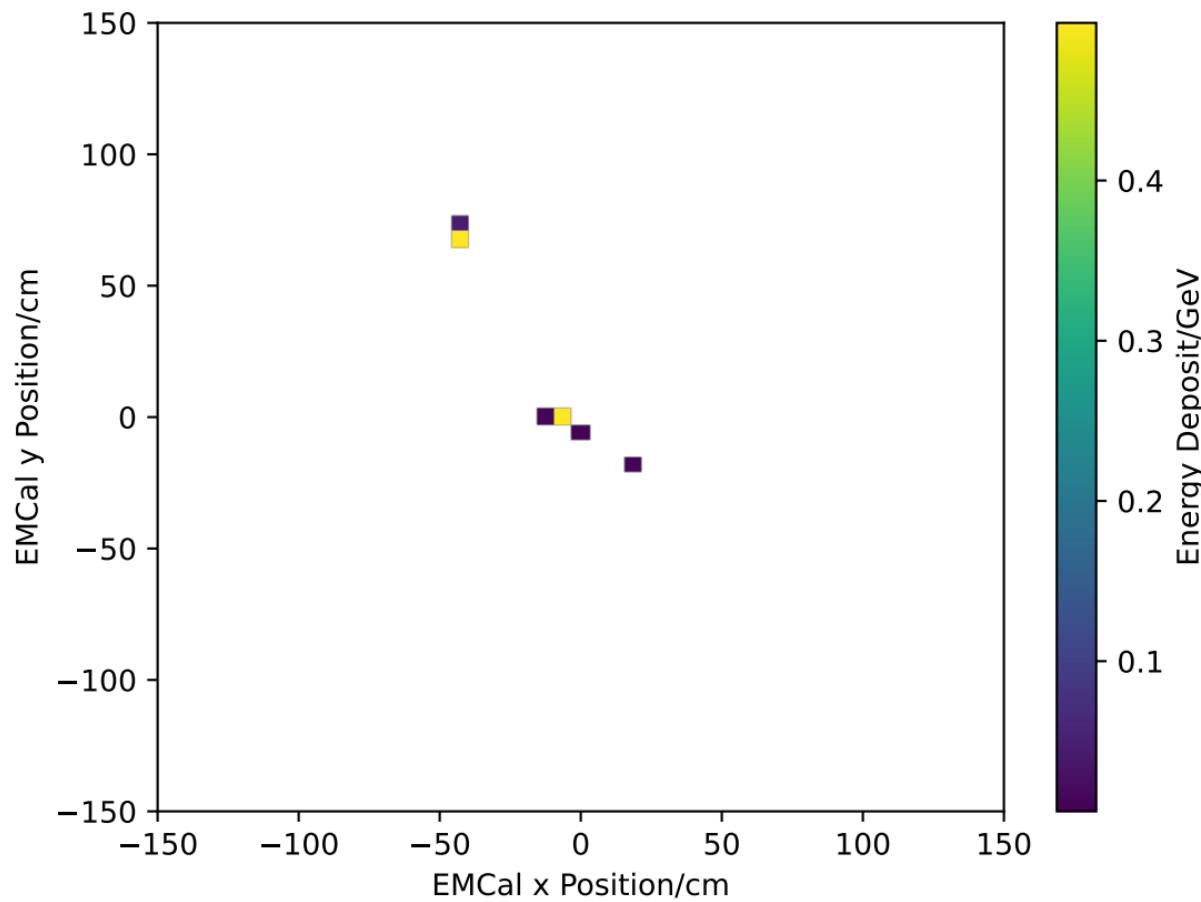


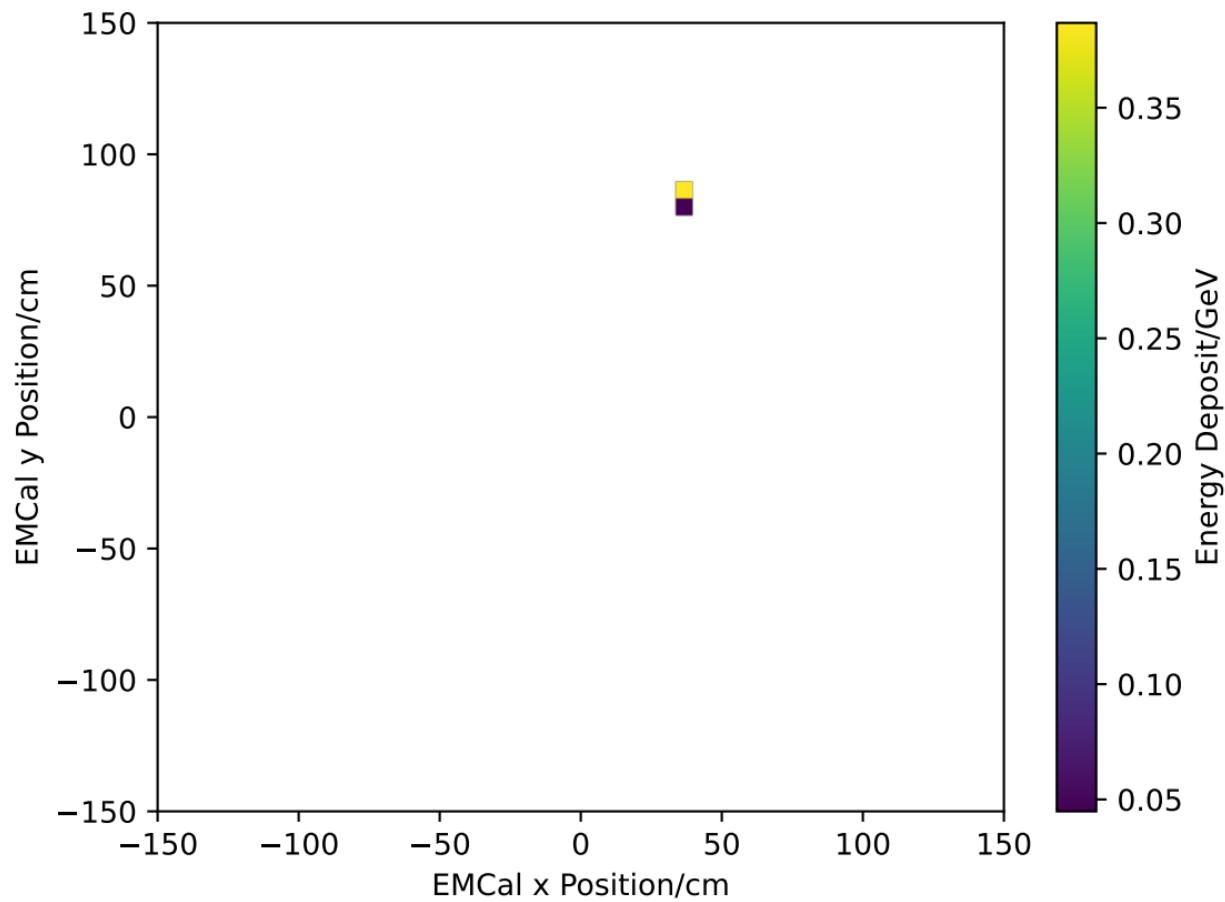


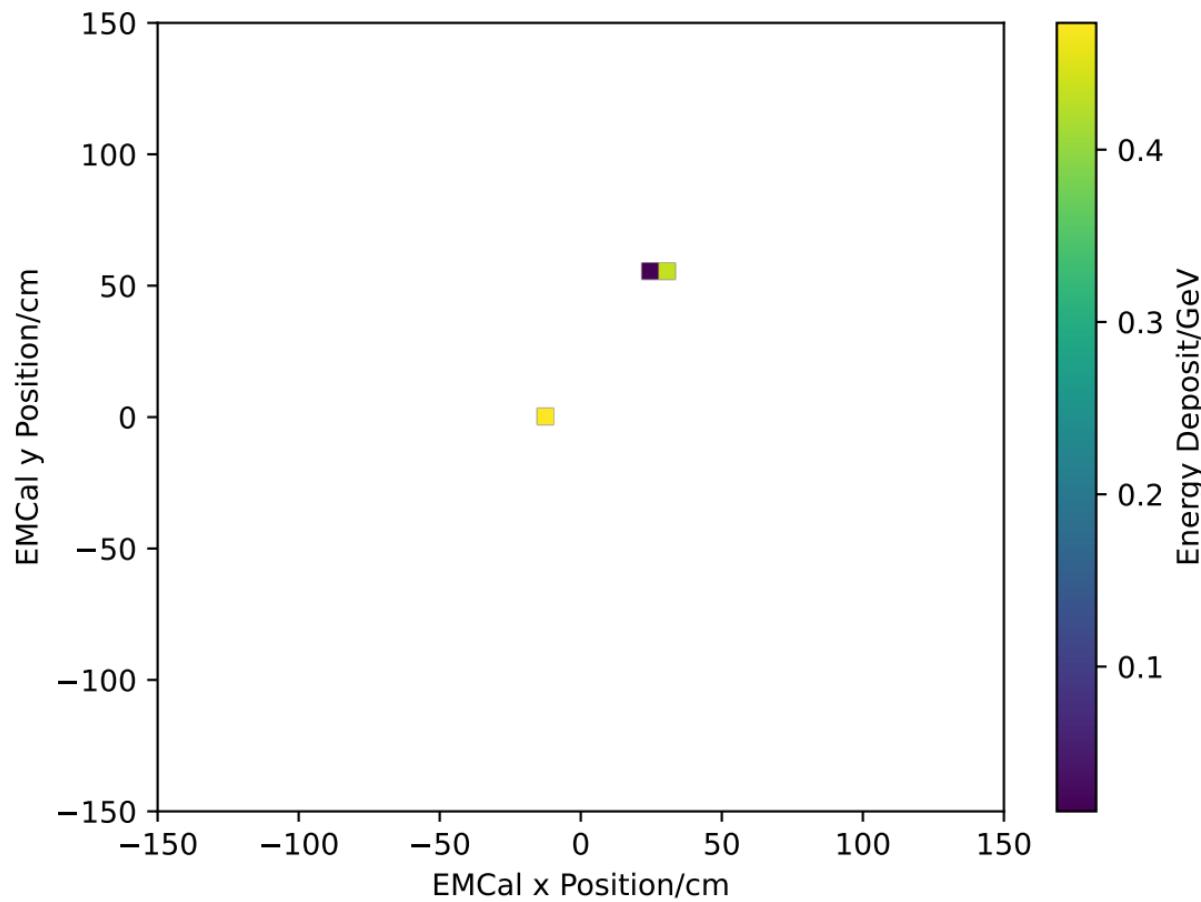


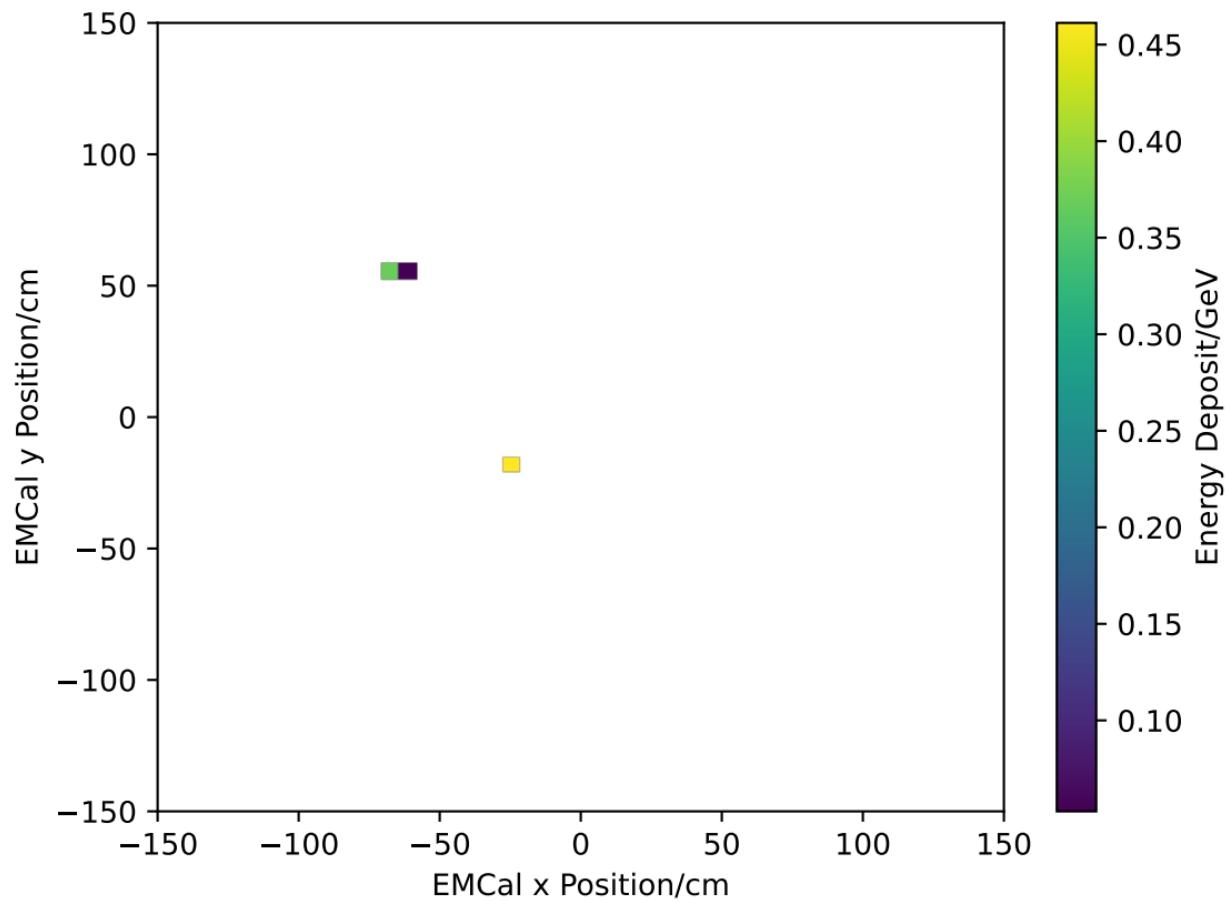


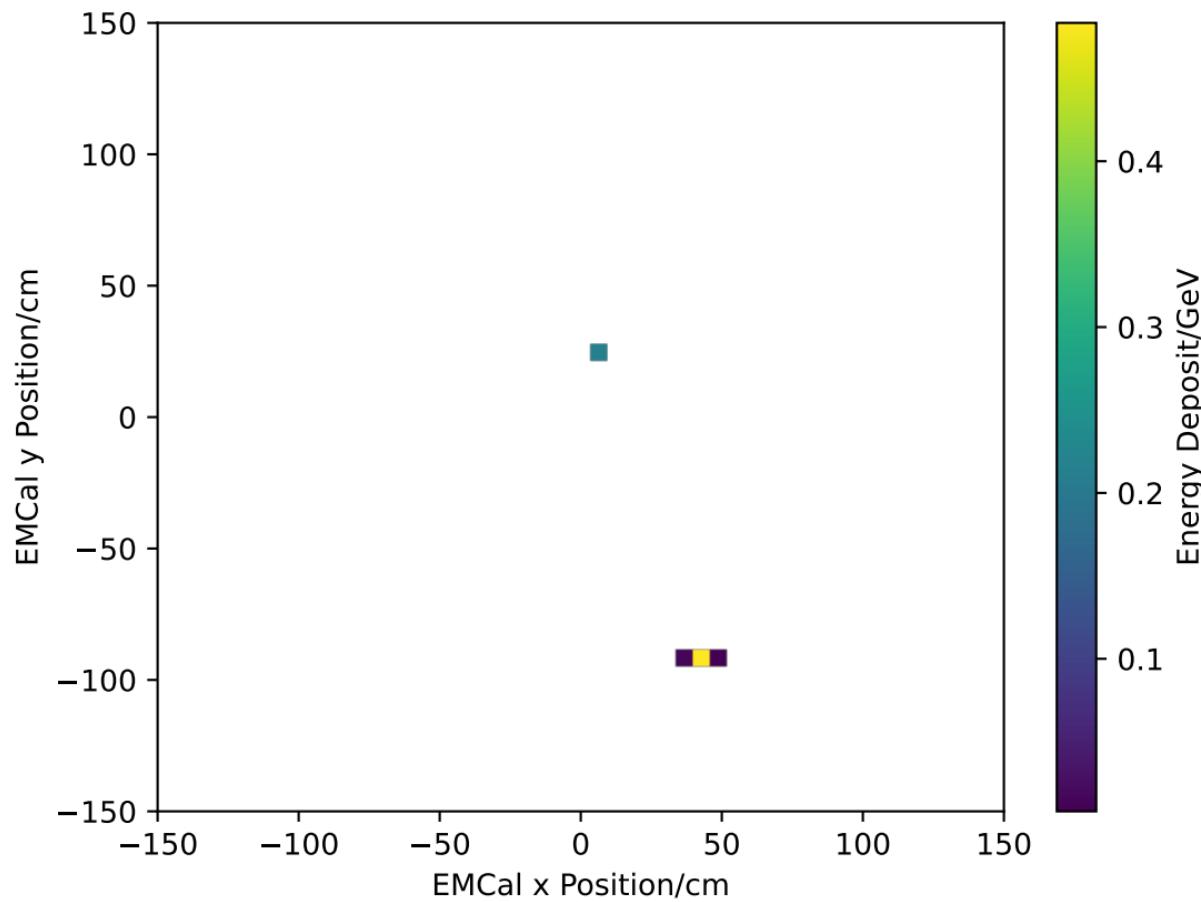


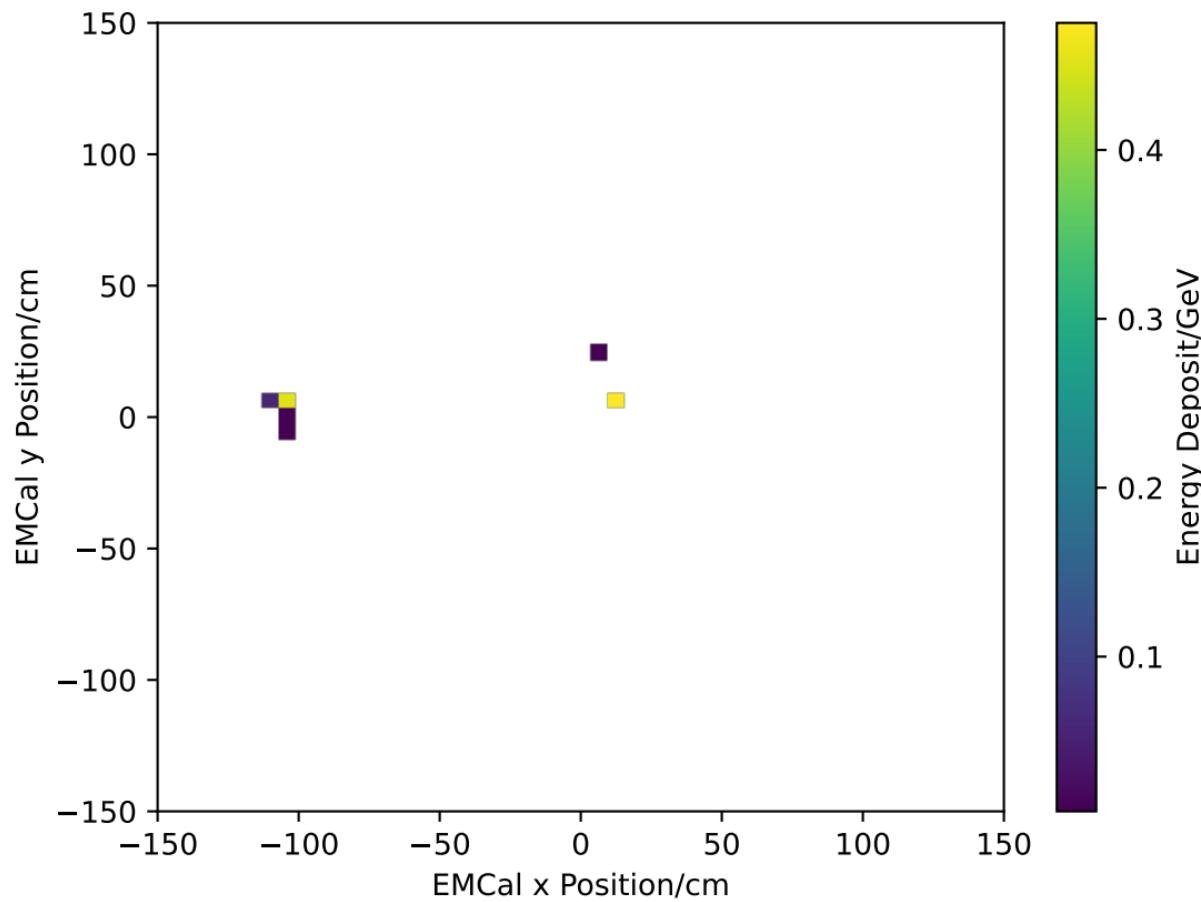


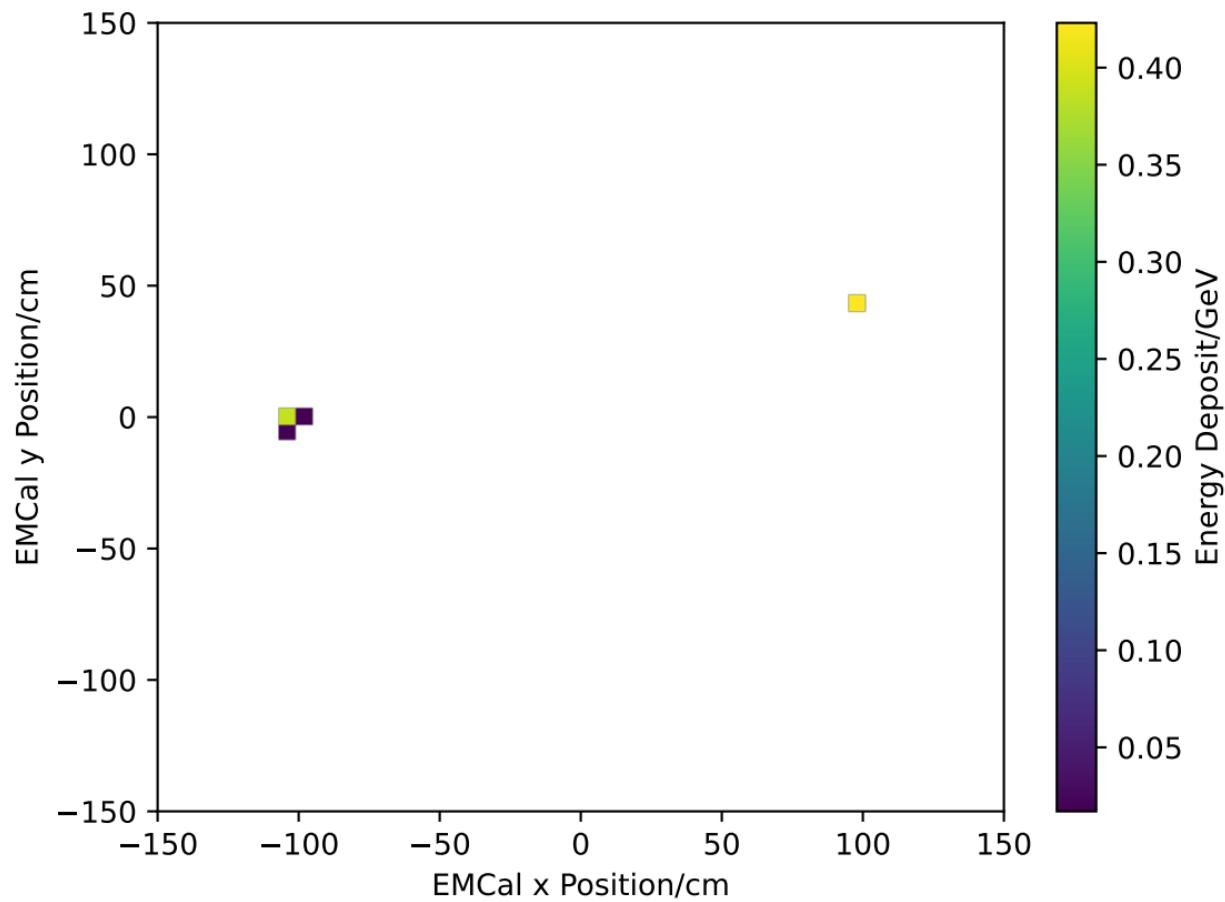


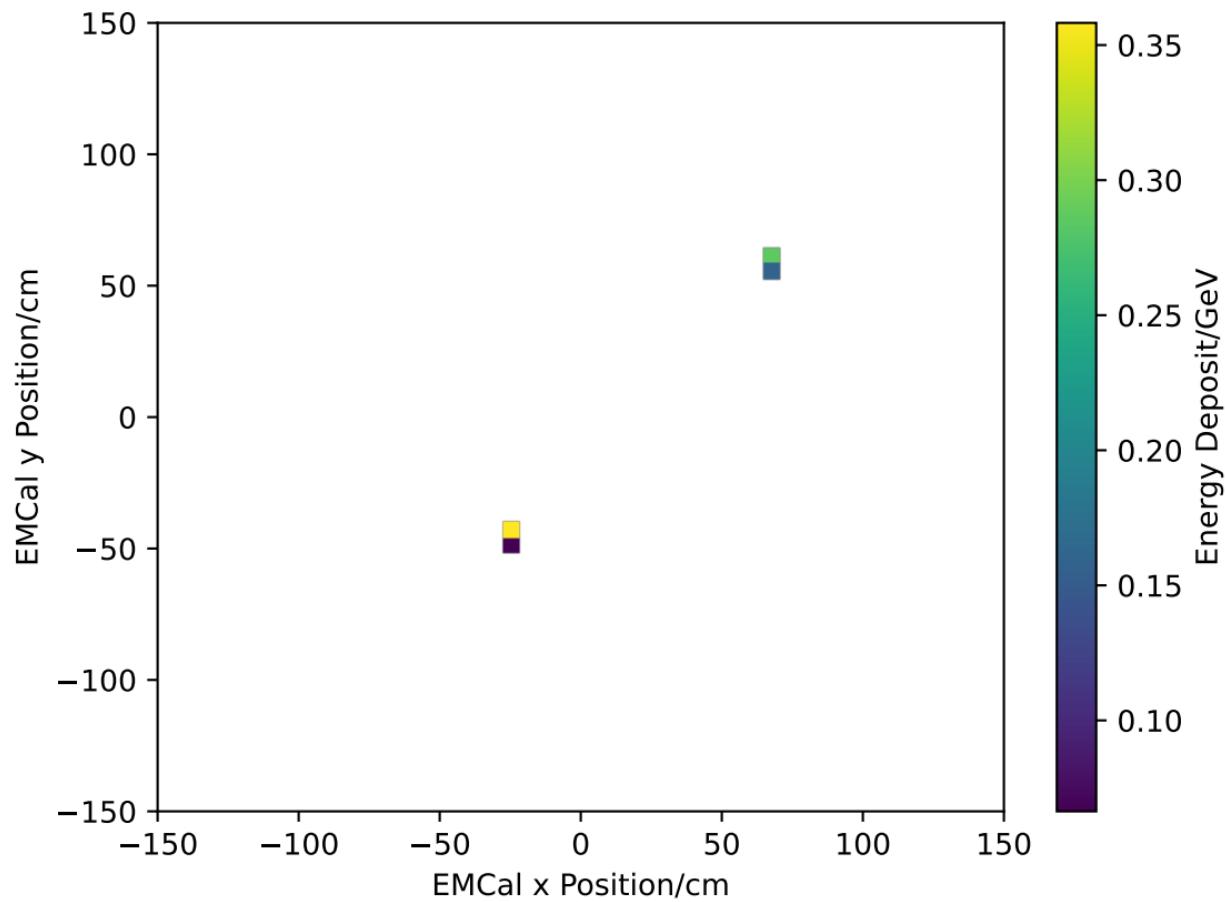


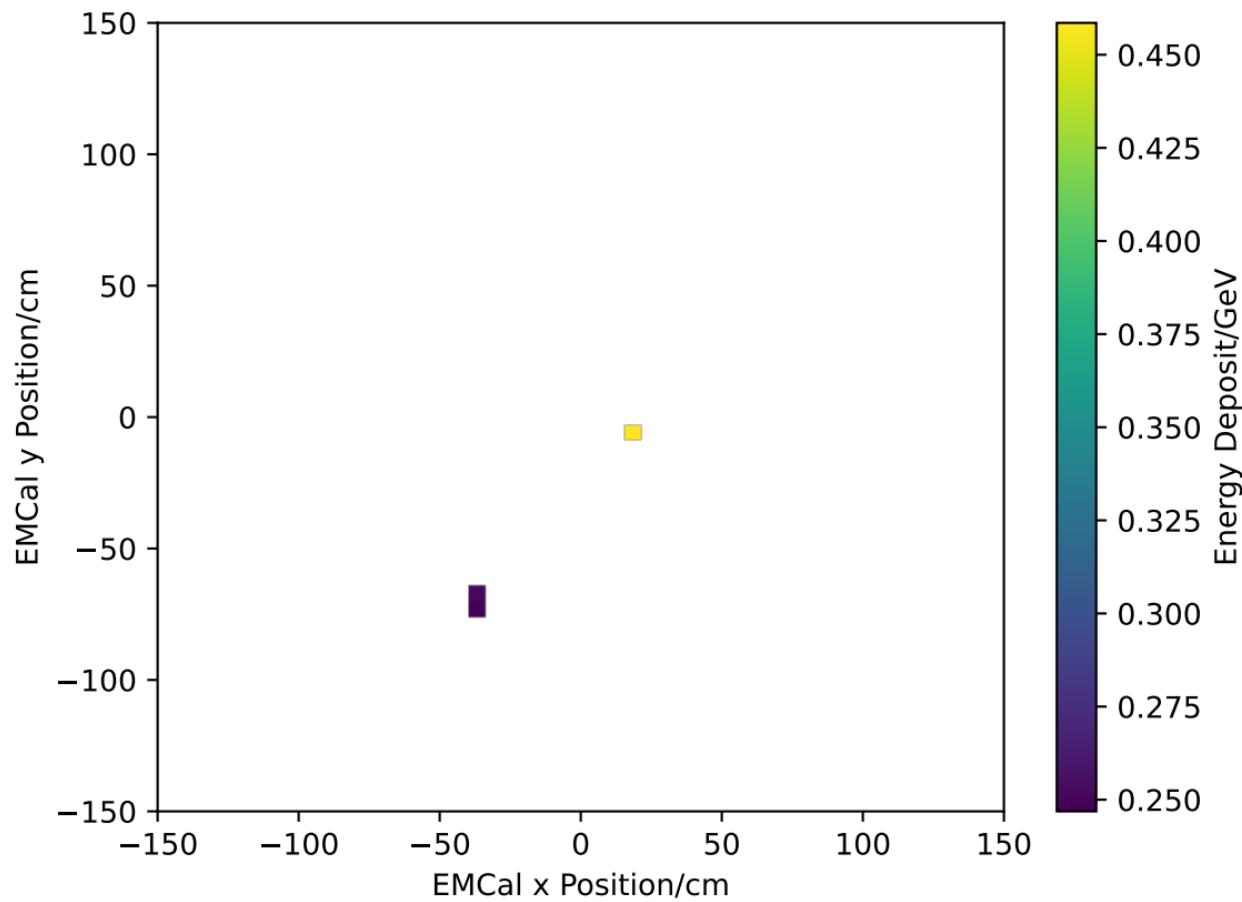


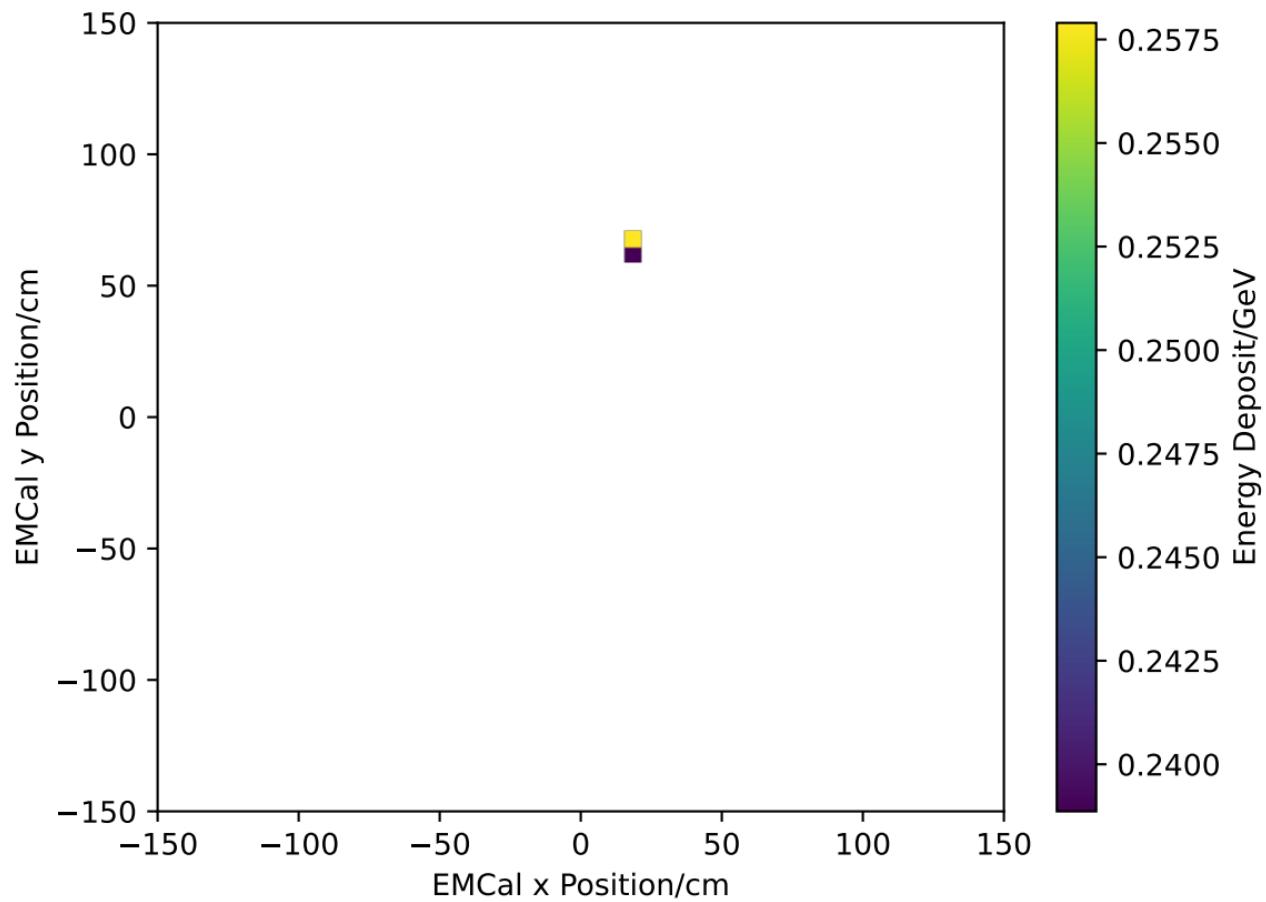


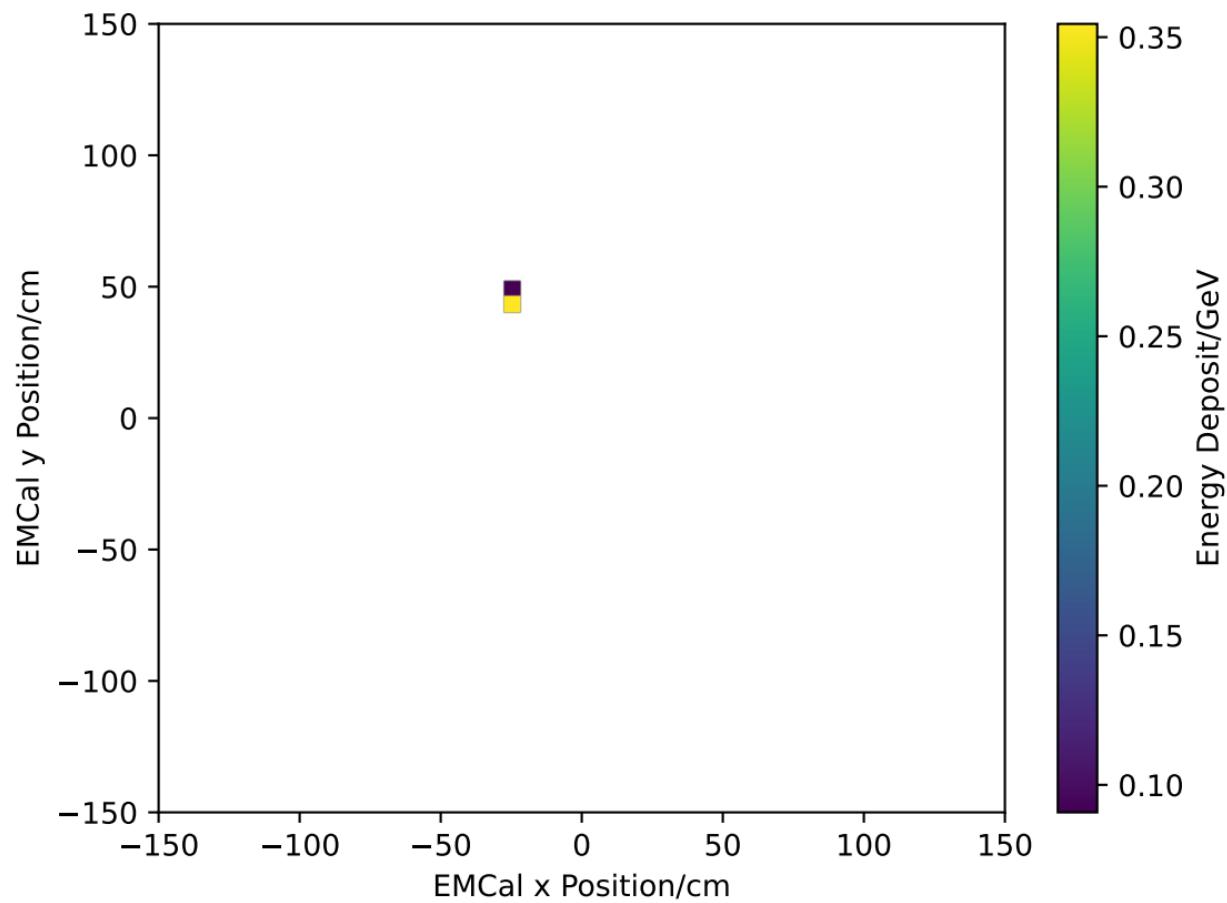


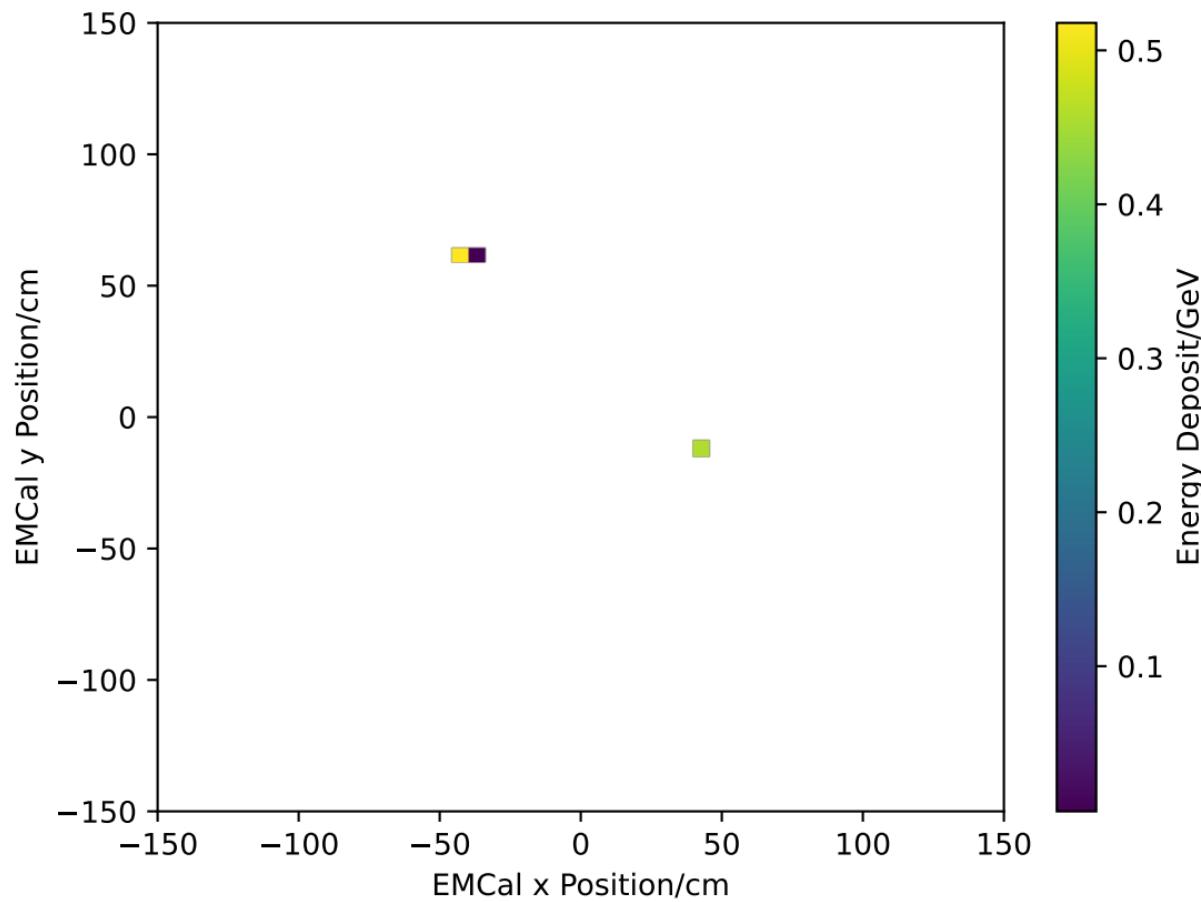


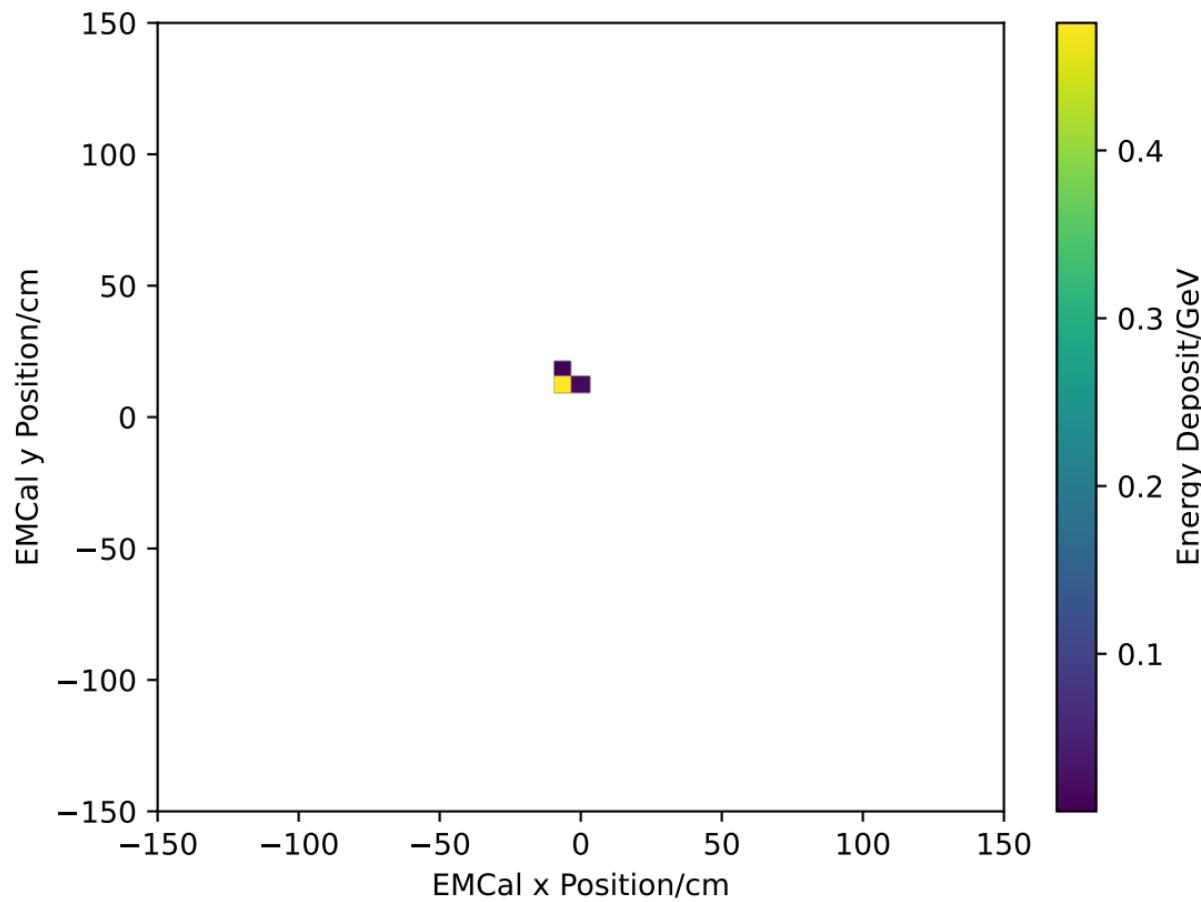


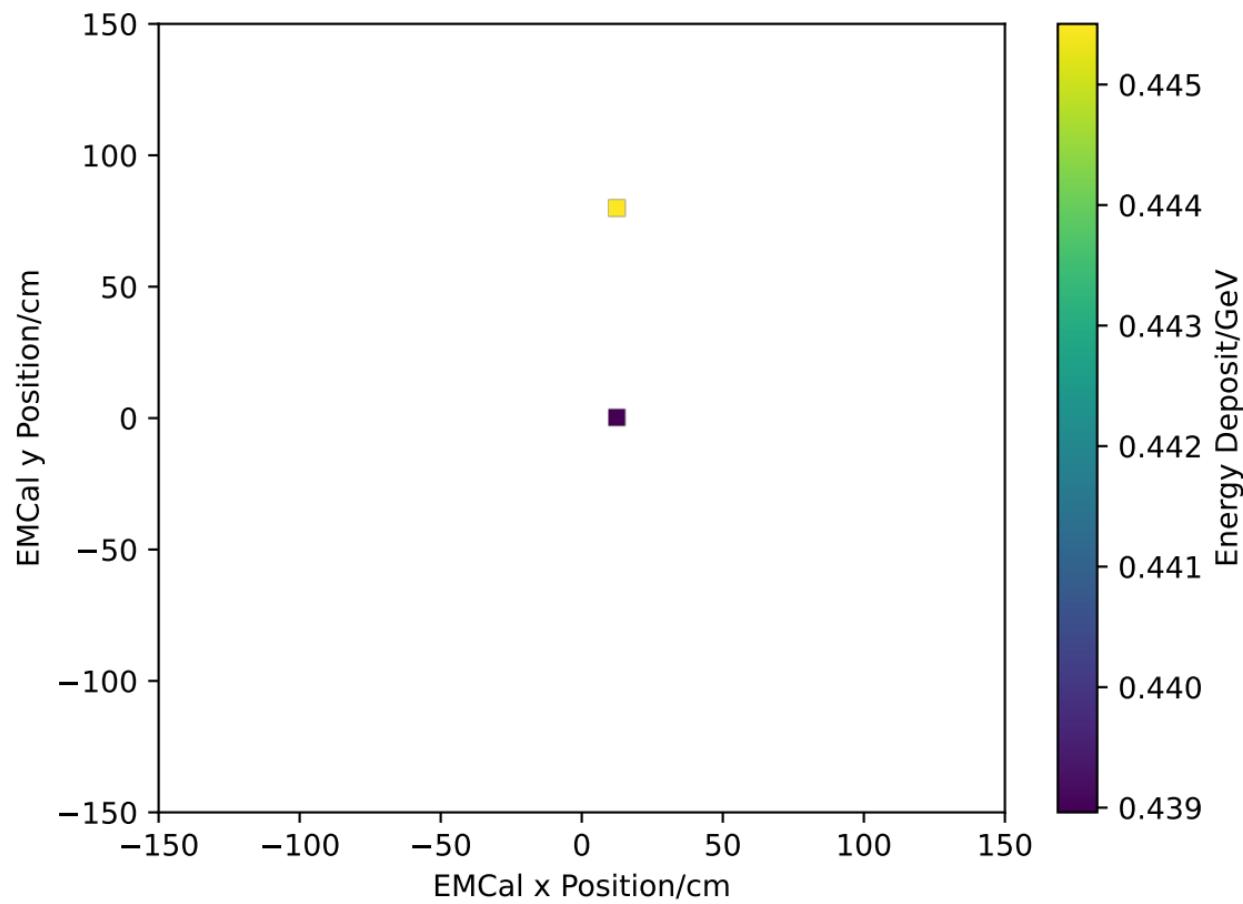


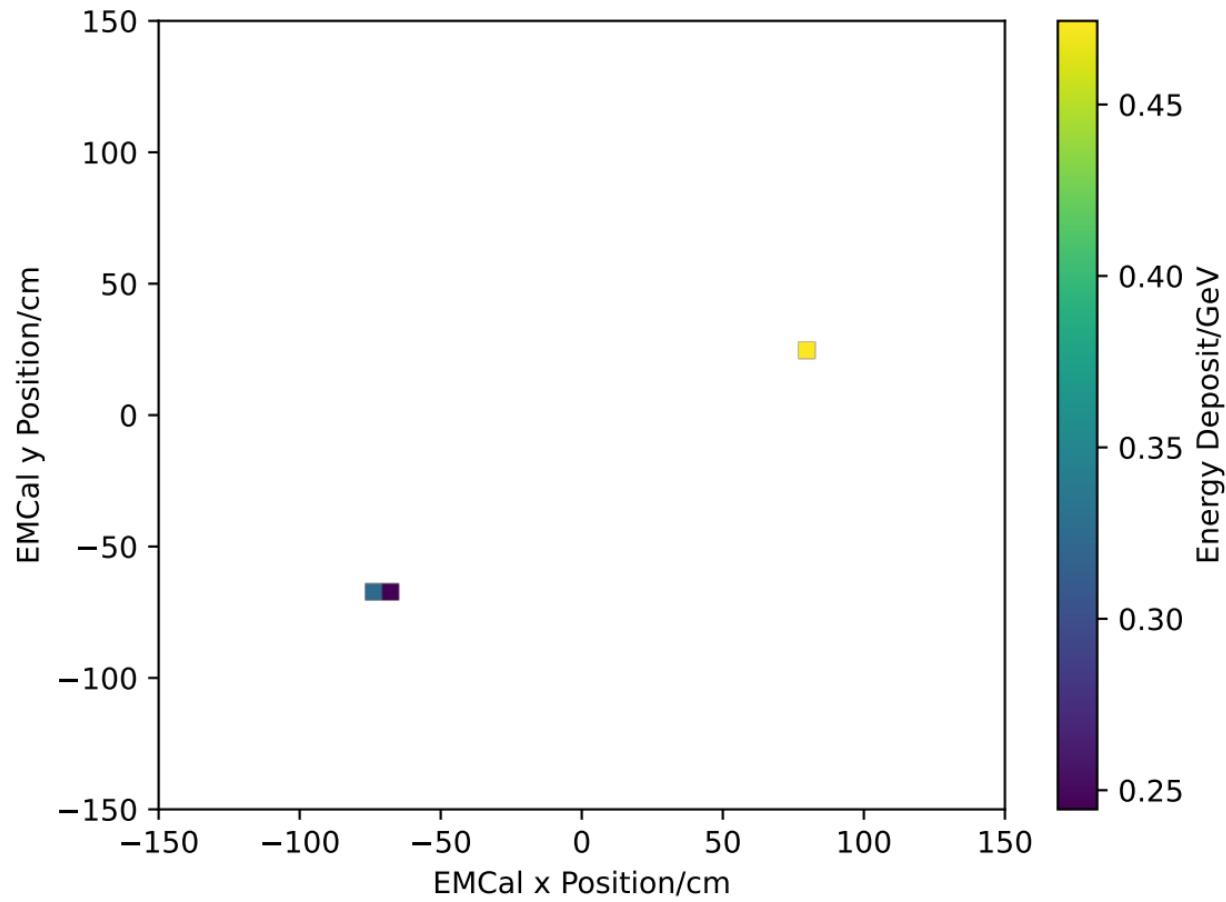


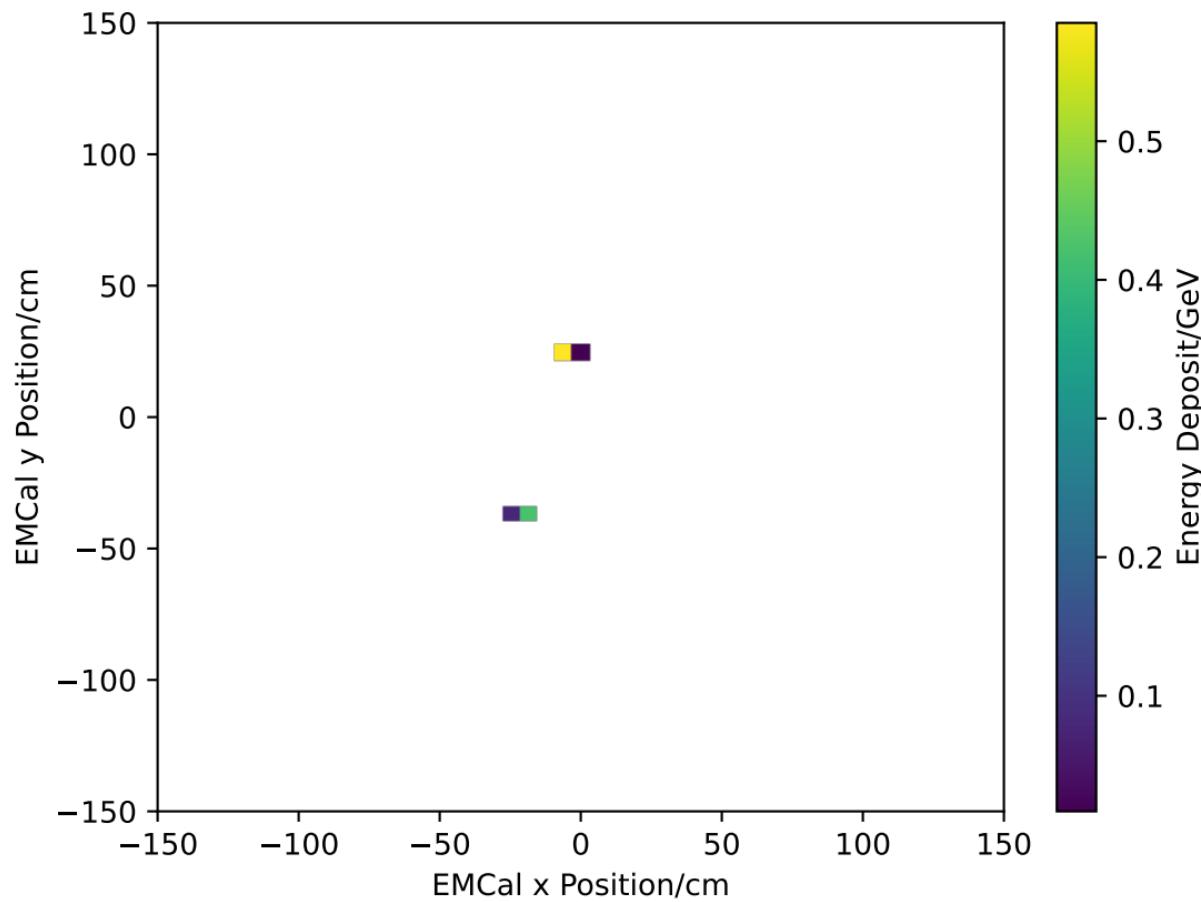


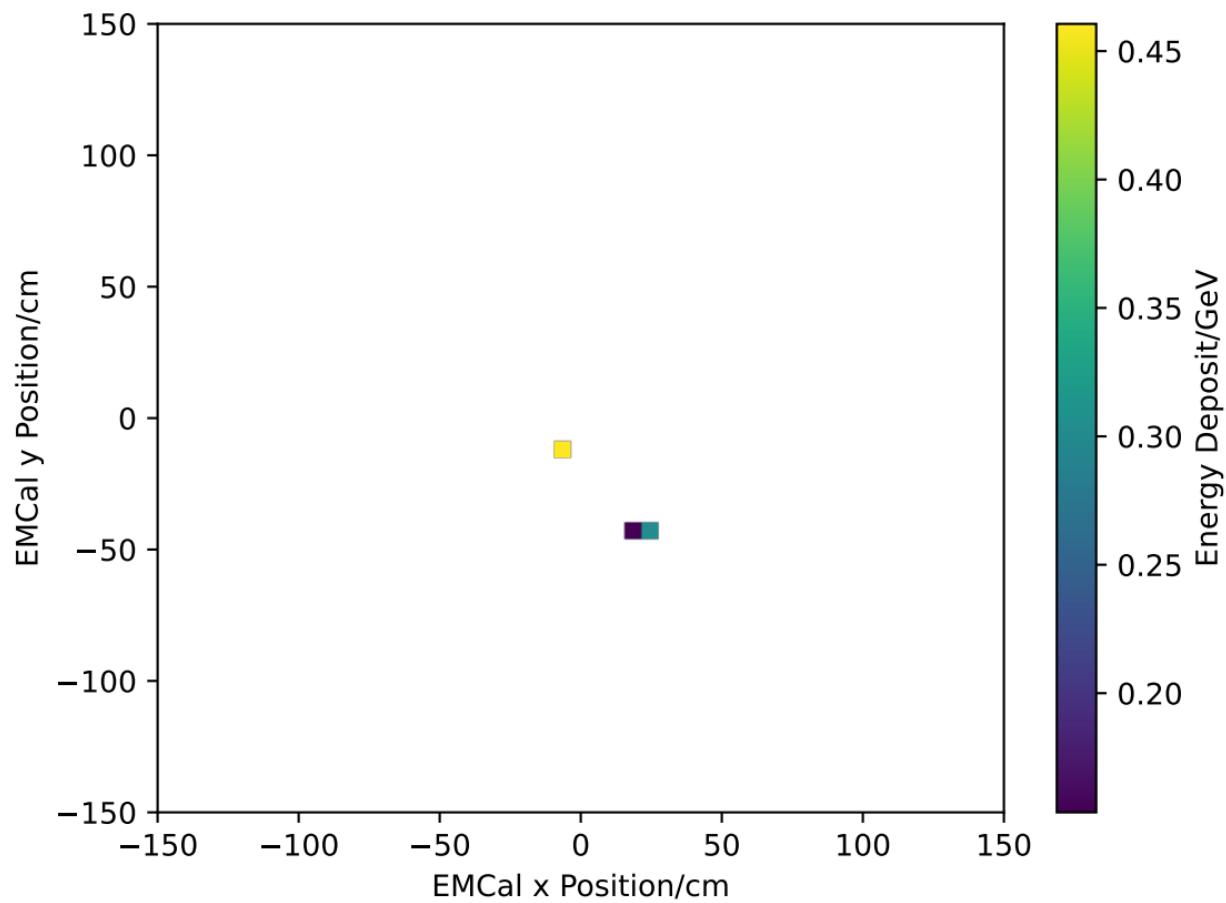


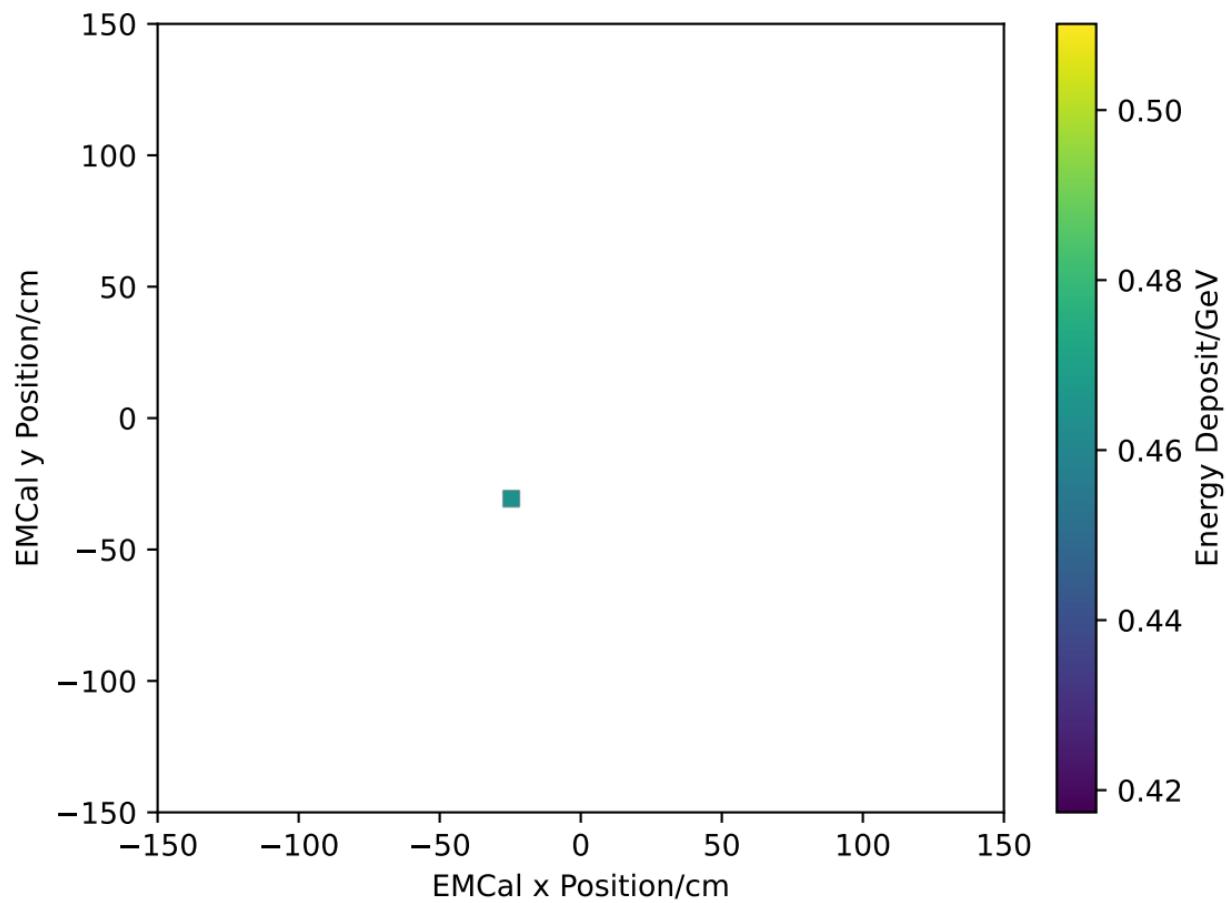


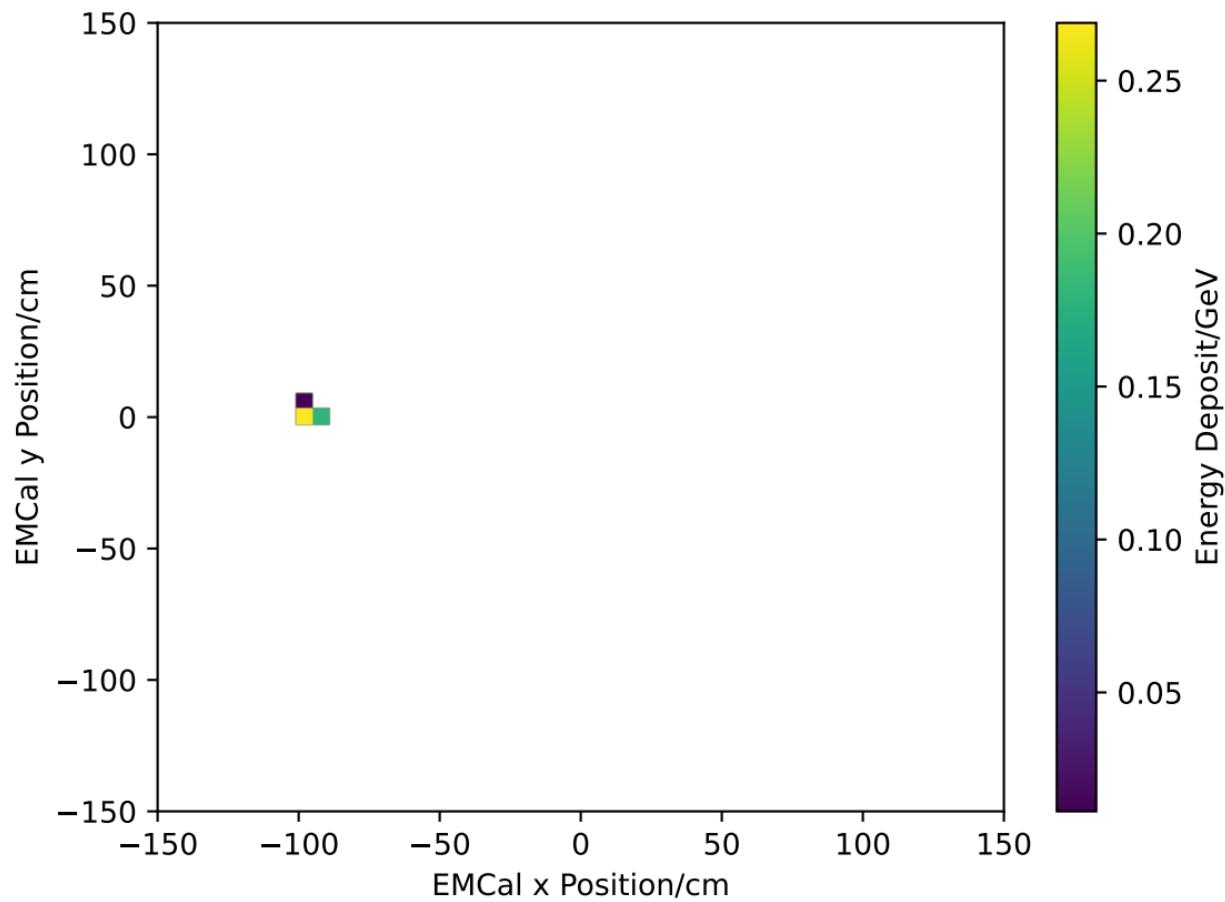


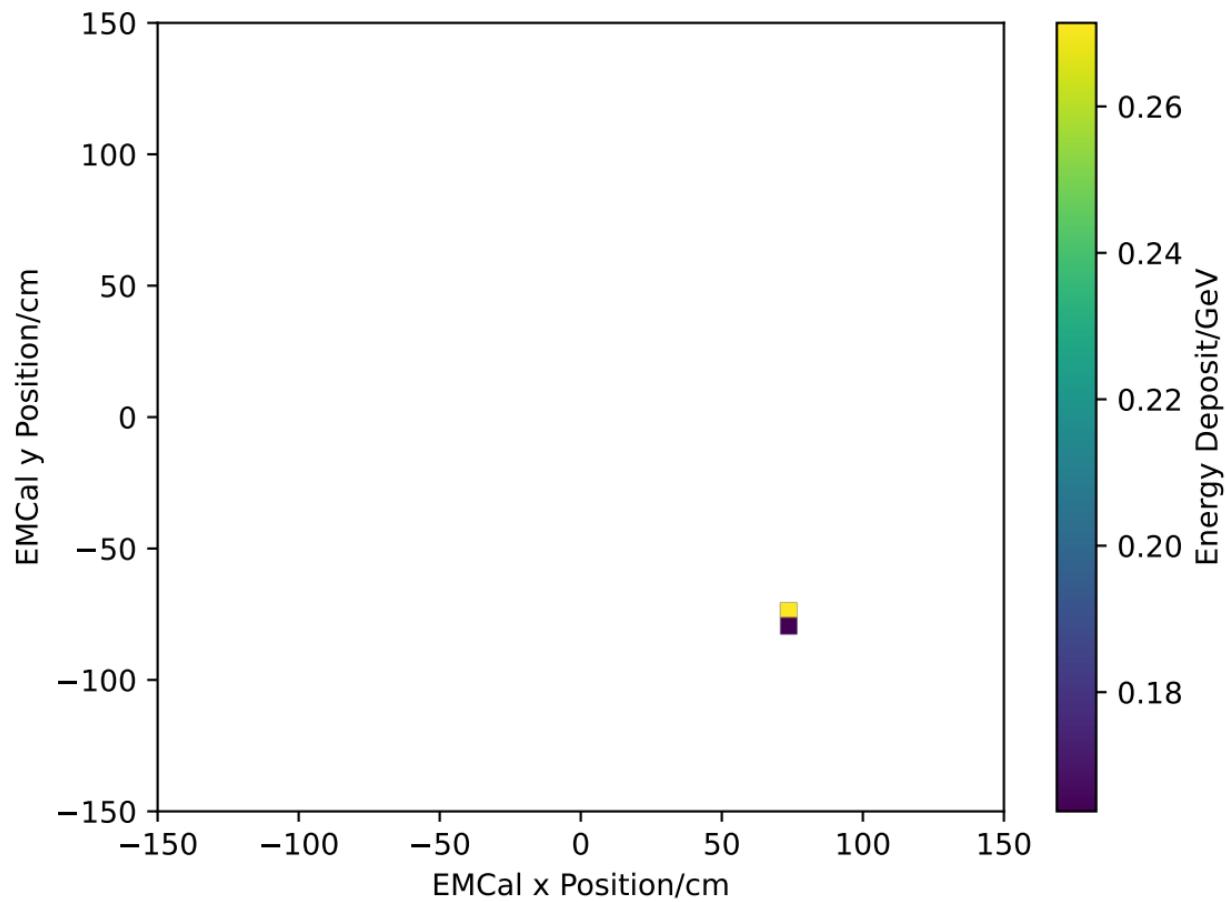


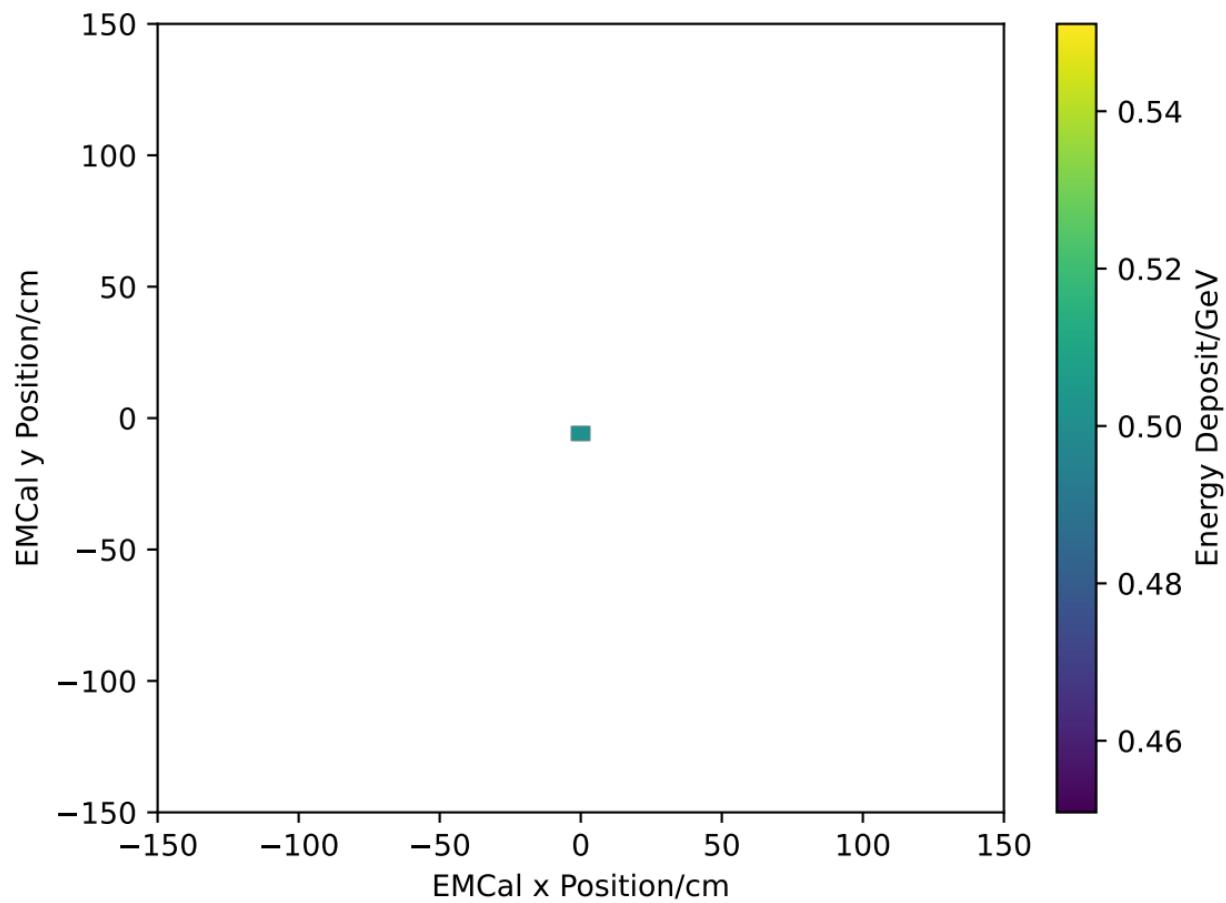




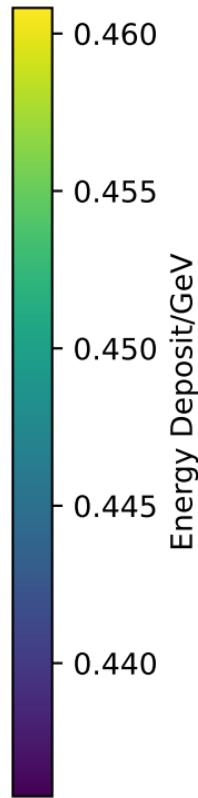
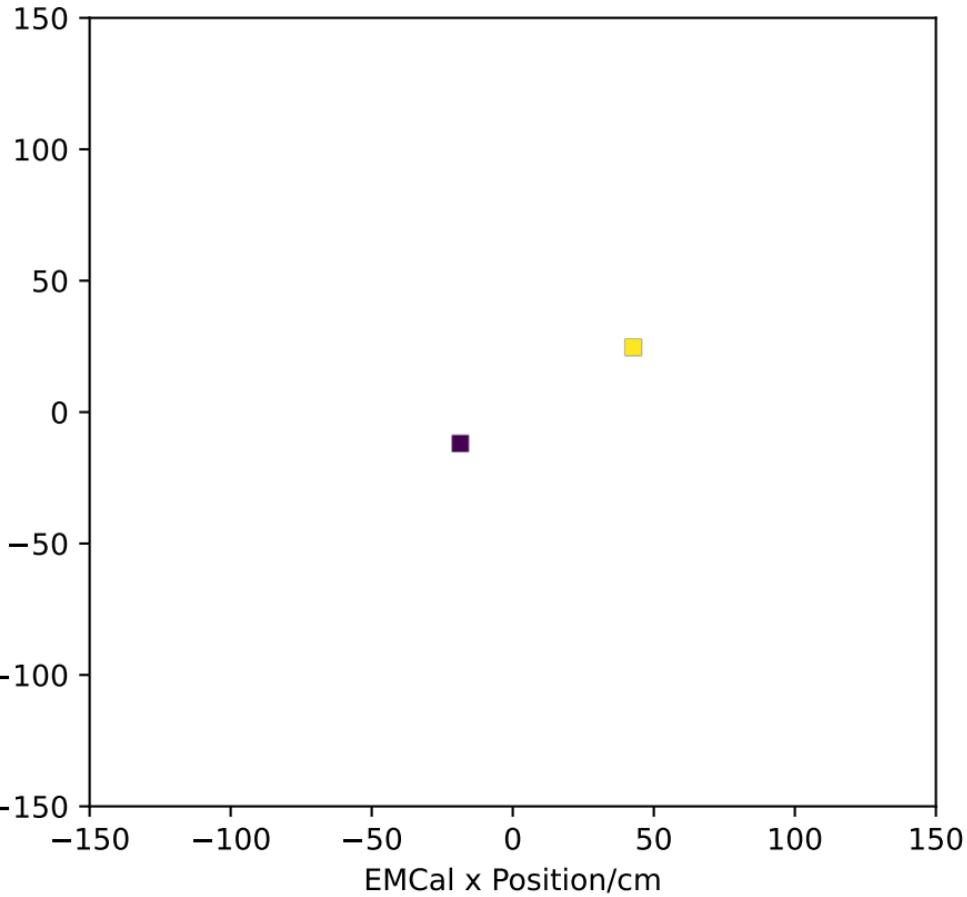








EMCal y Position/cm



EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

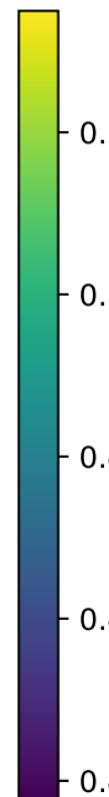
0

50

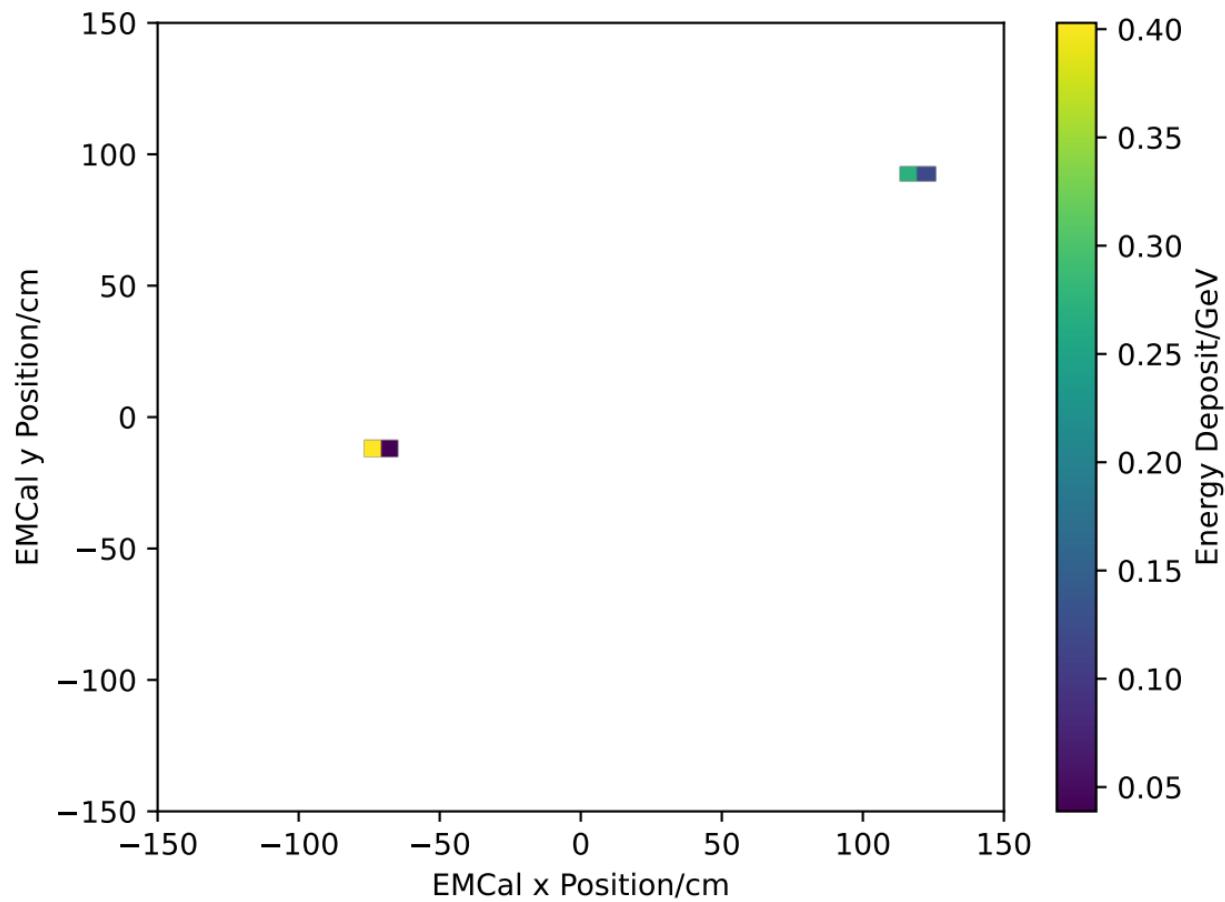
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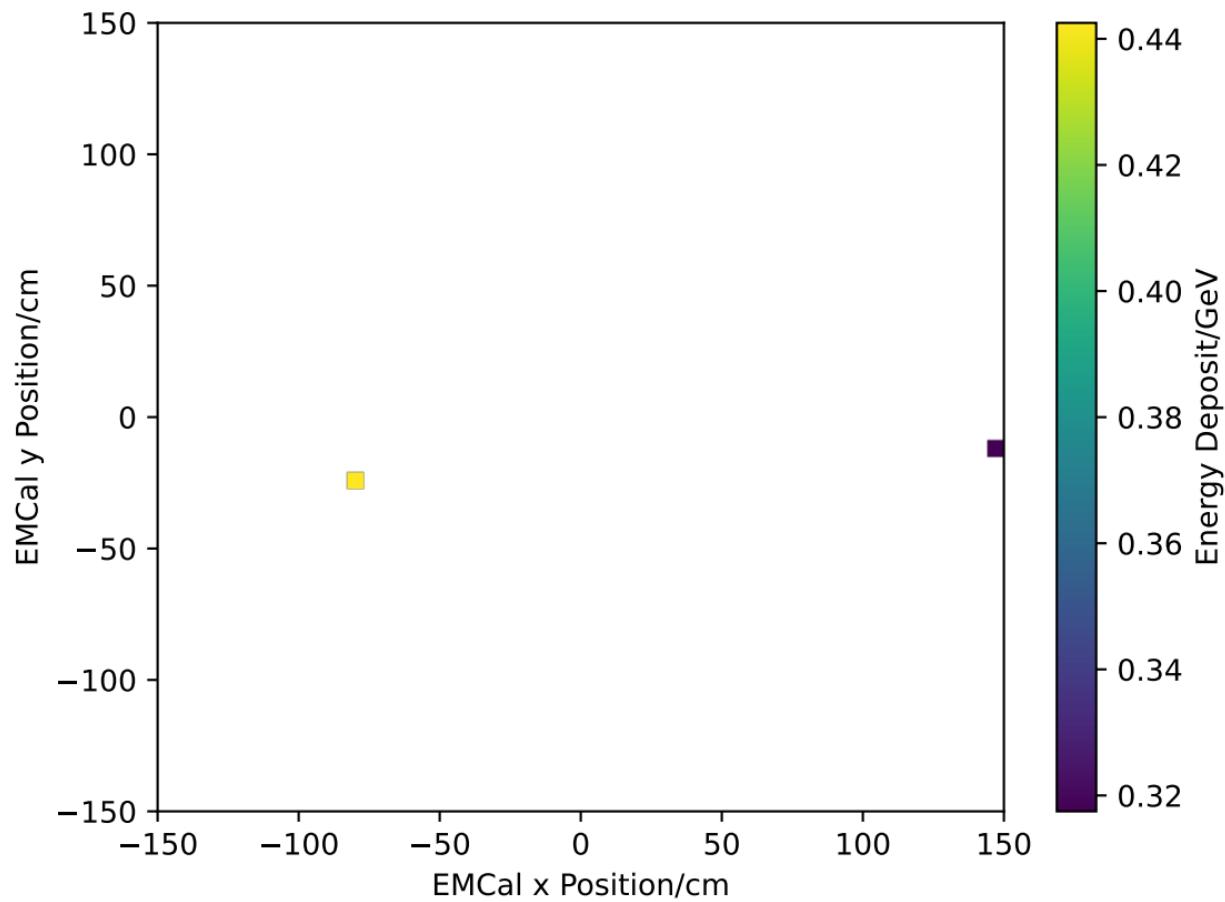
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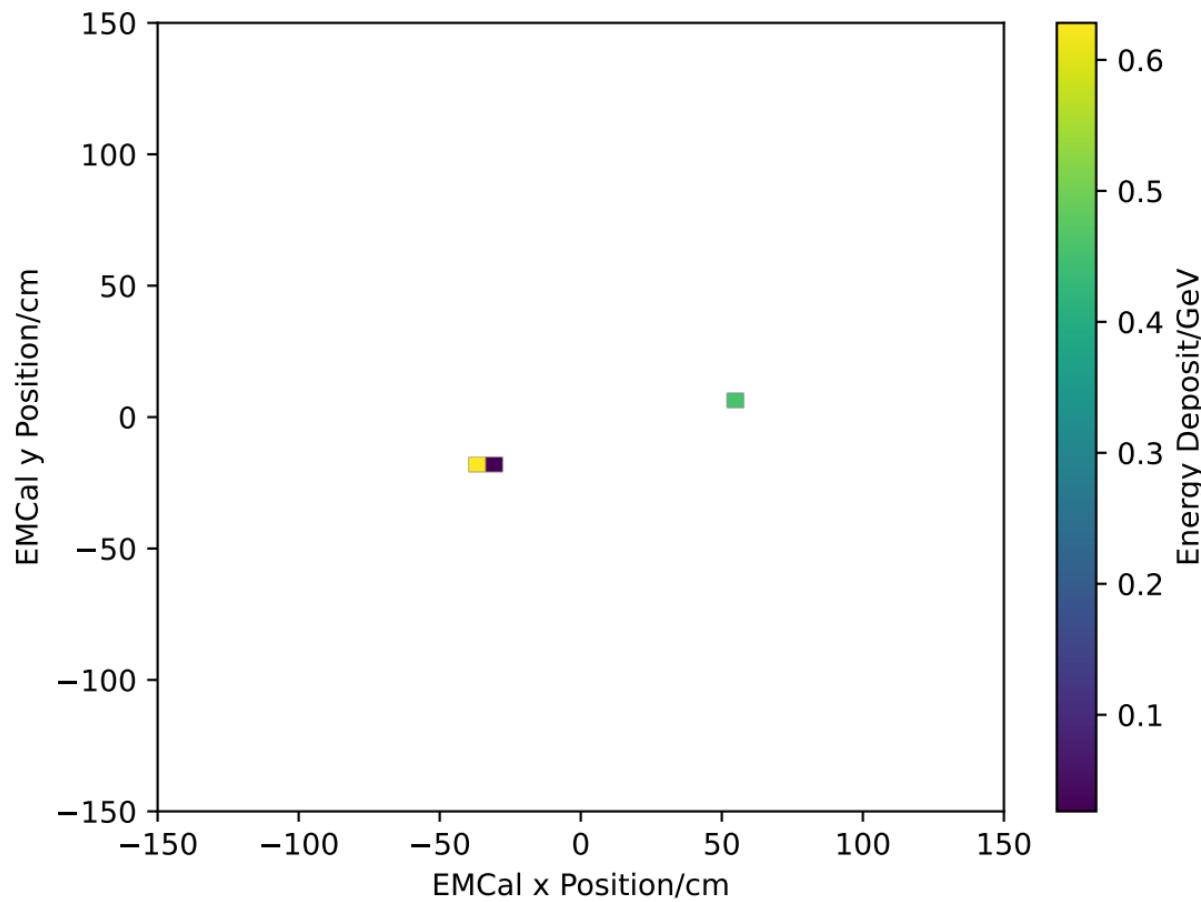
EMCal x Position/cm

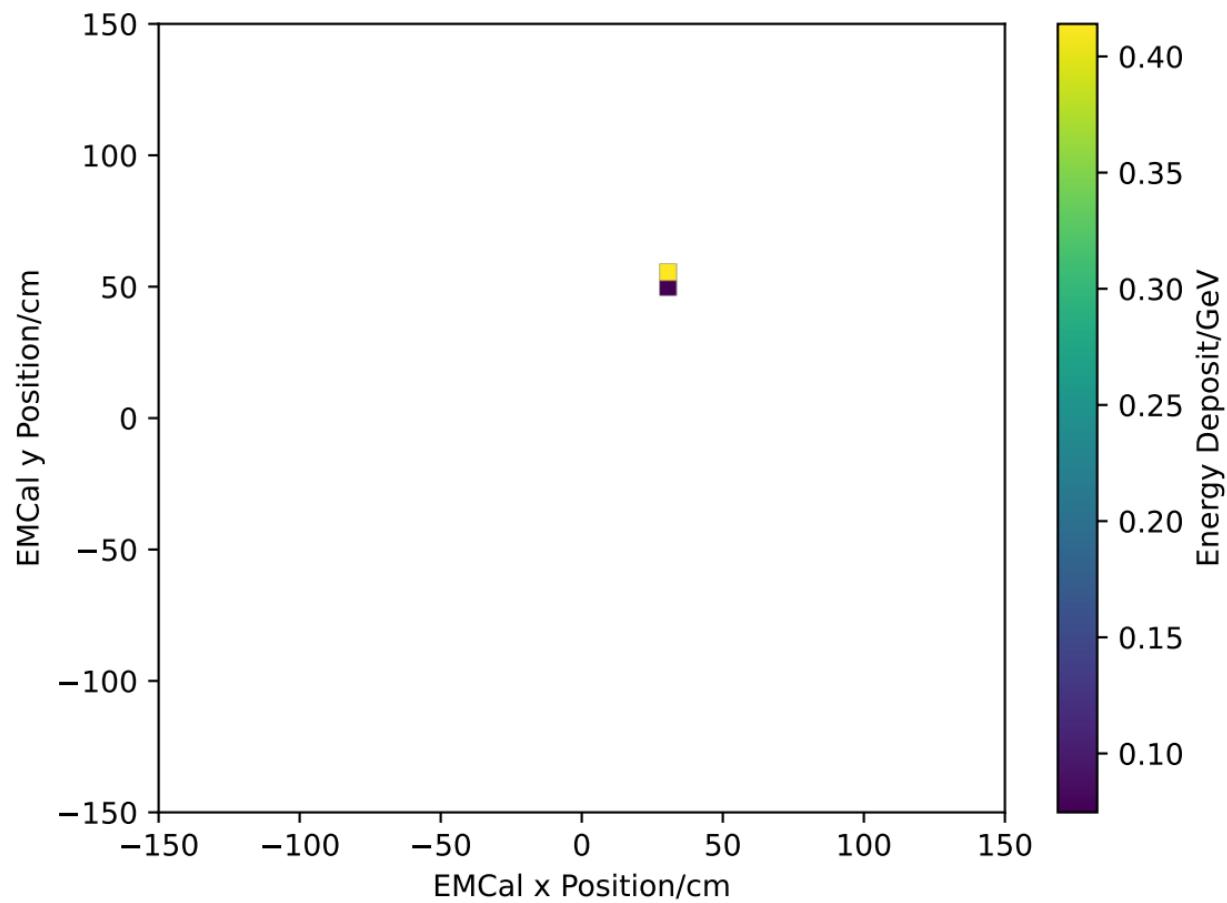


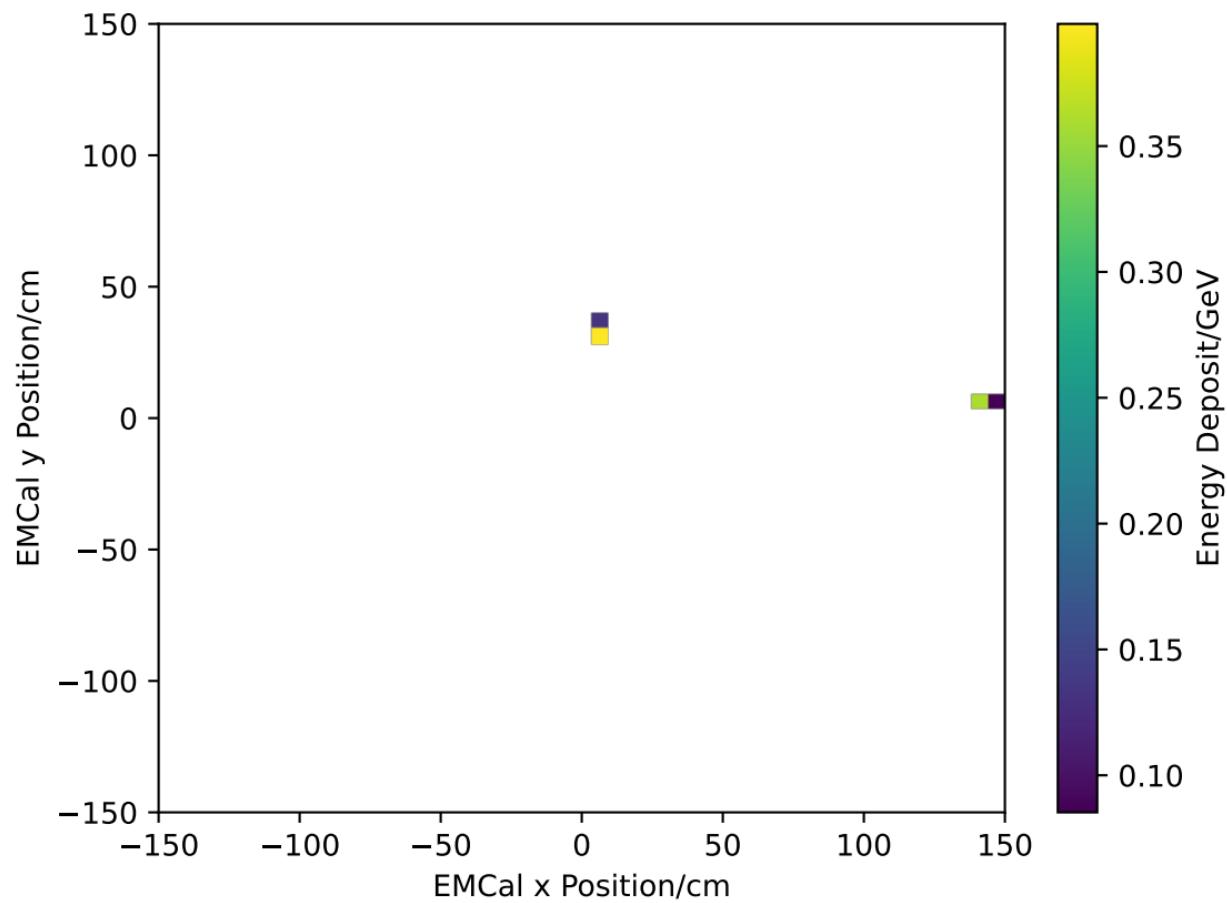
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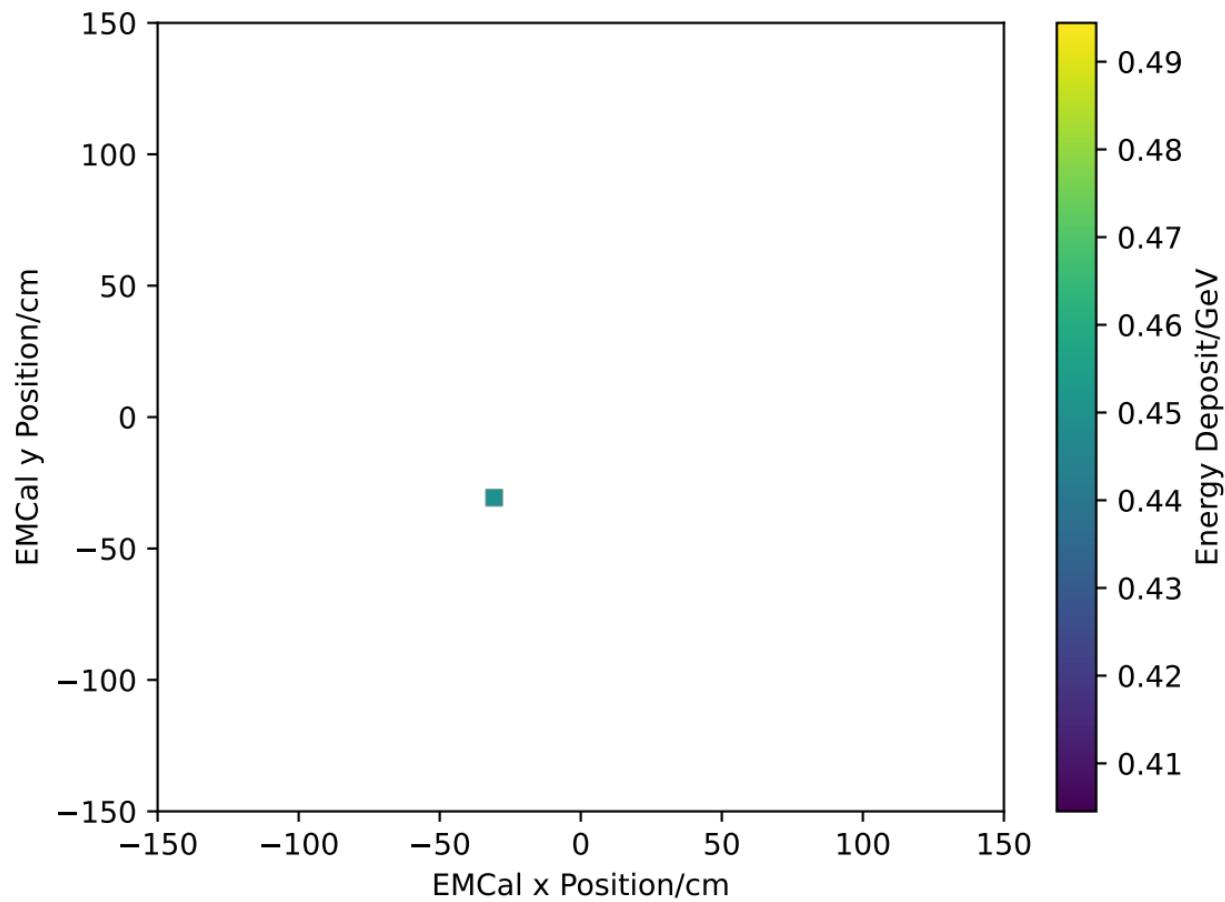


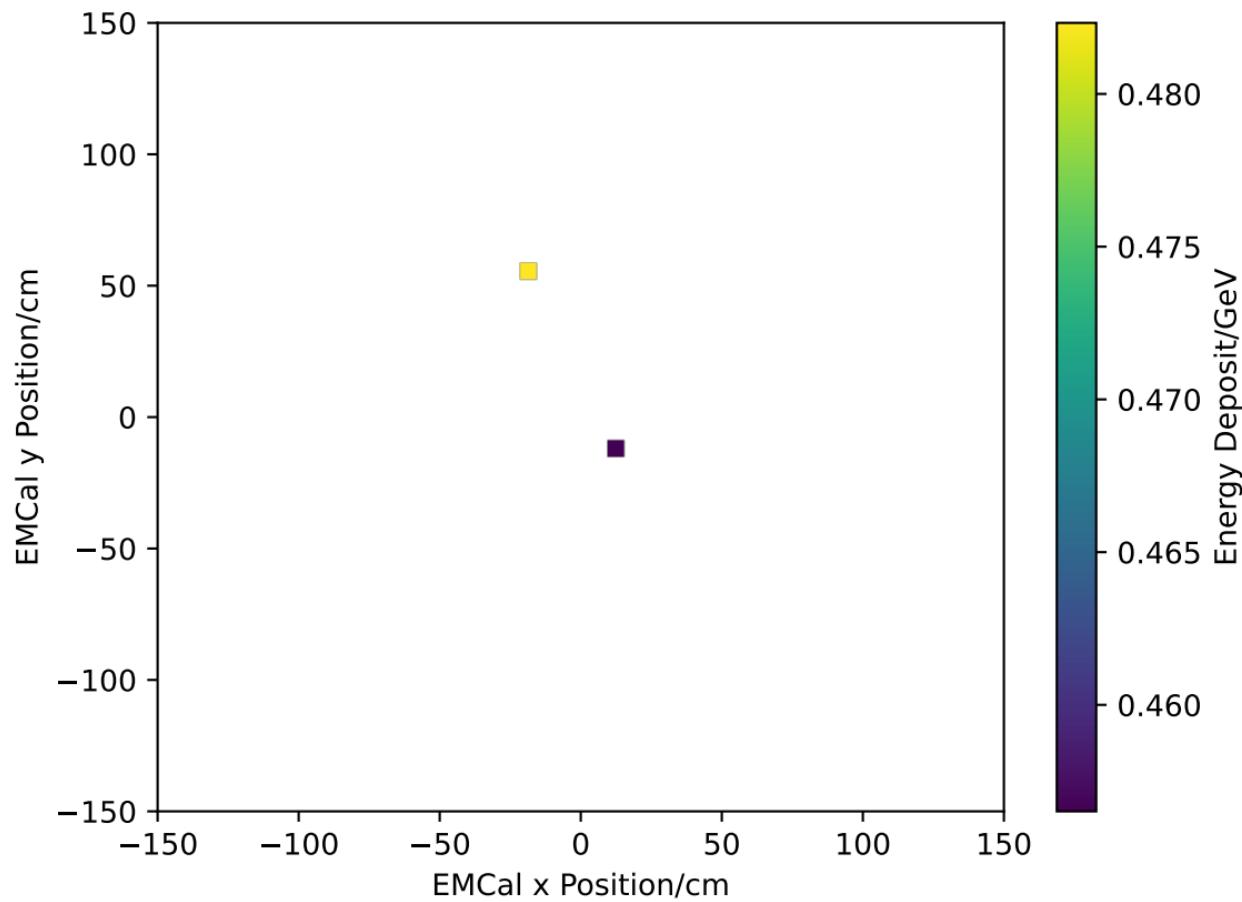


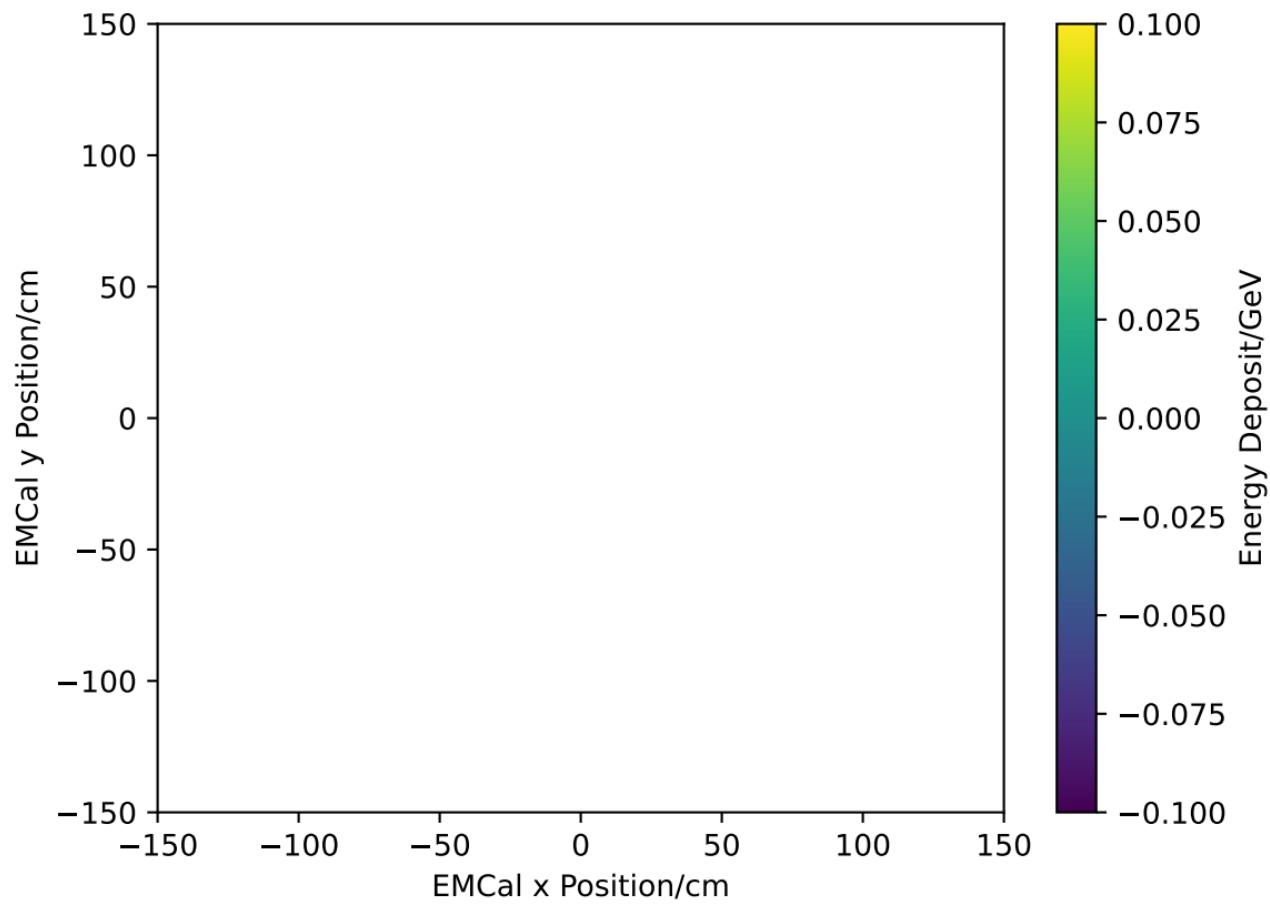


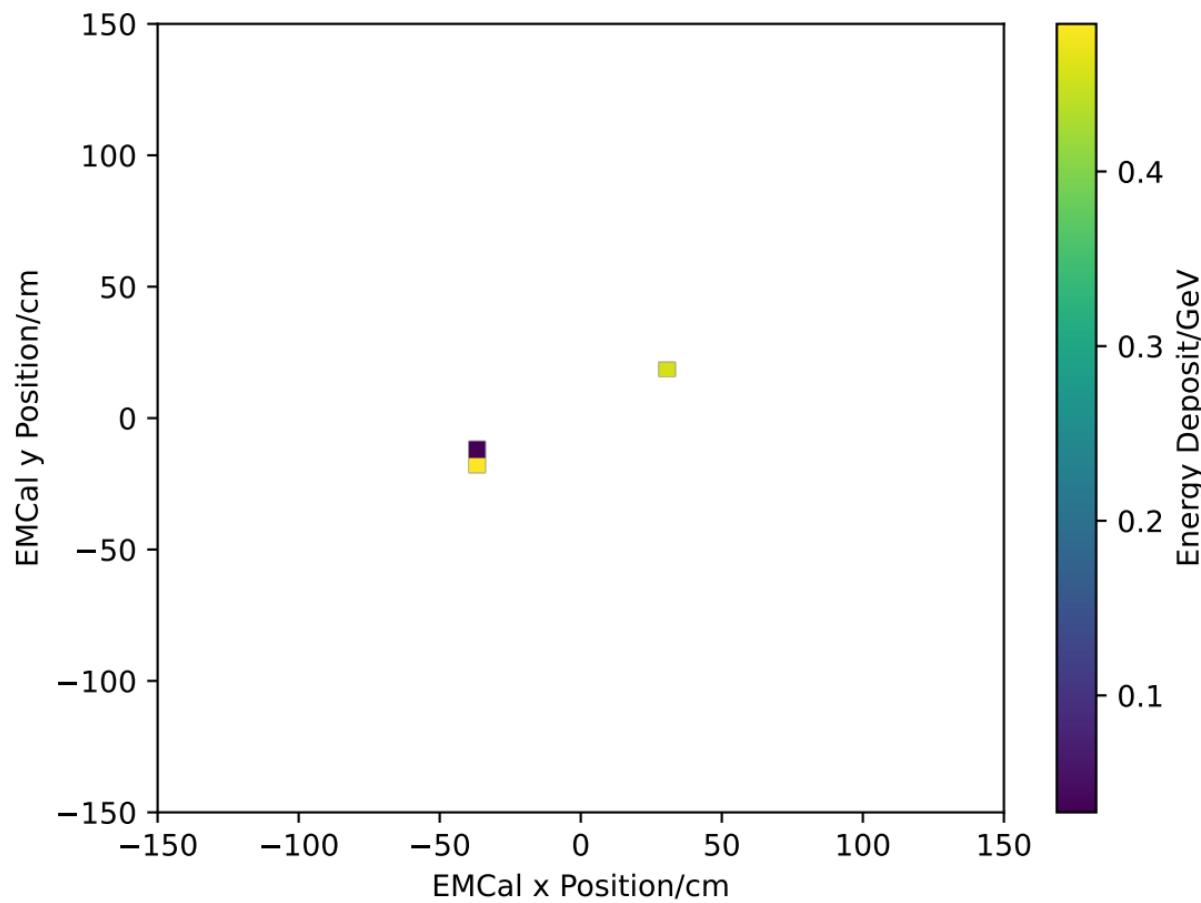


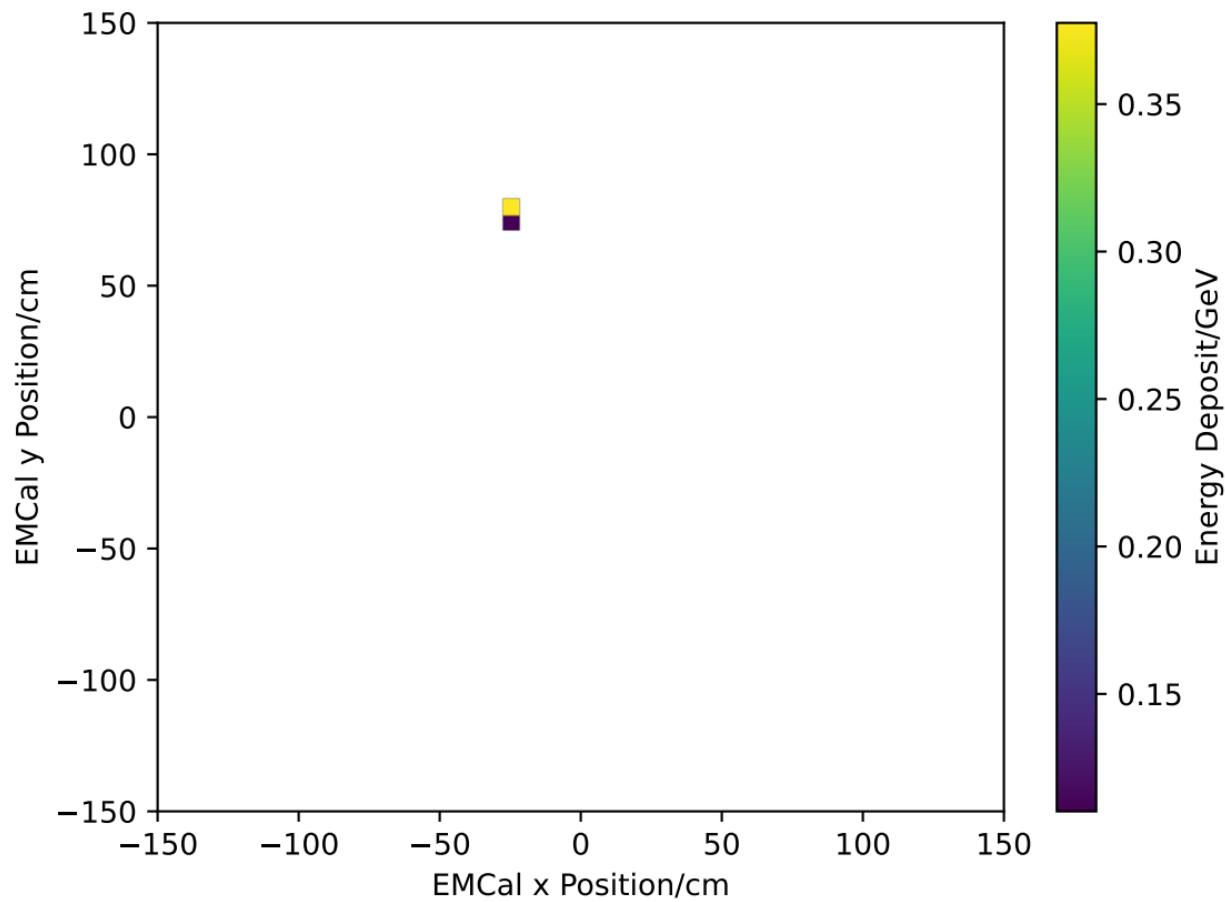












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

0.40

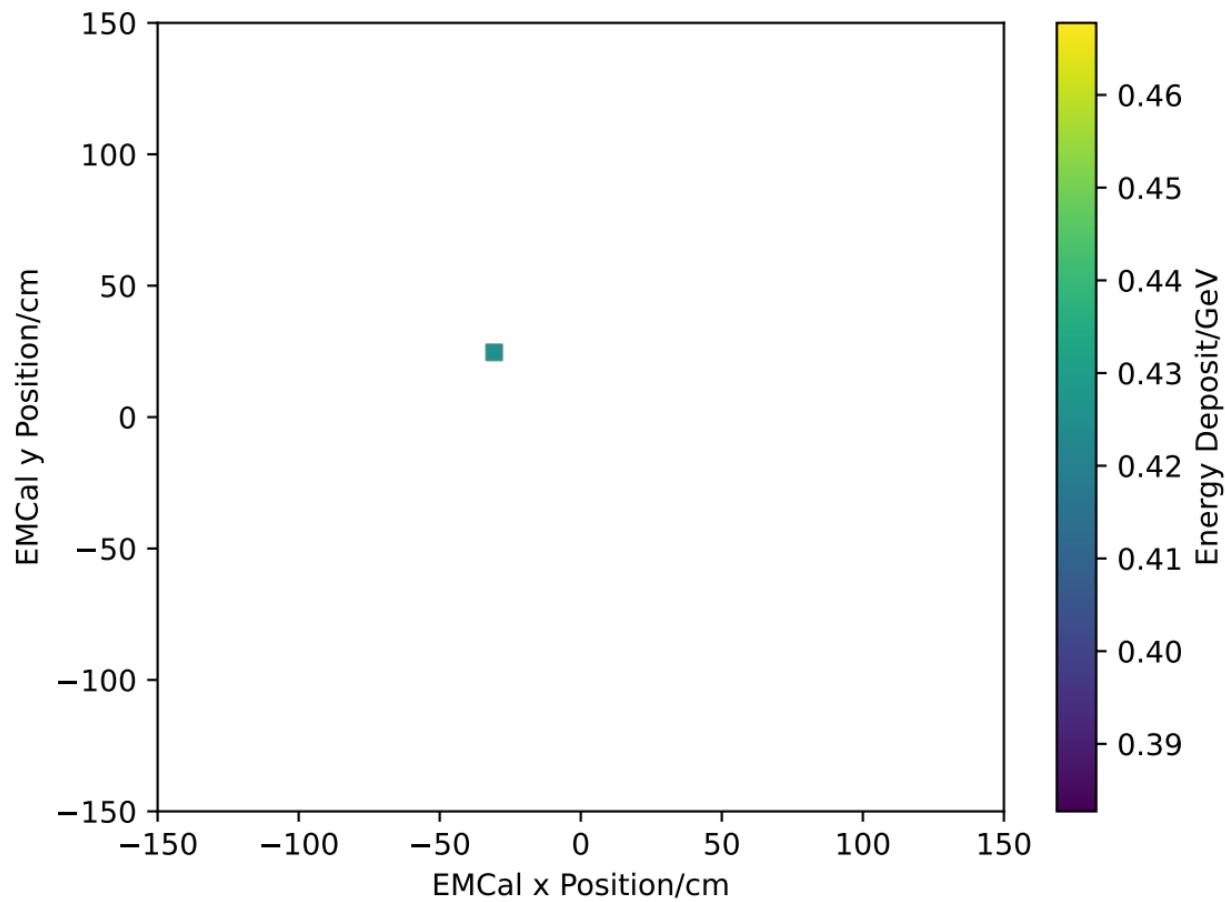
0.35

0.30

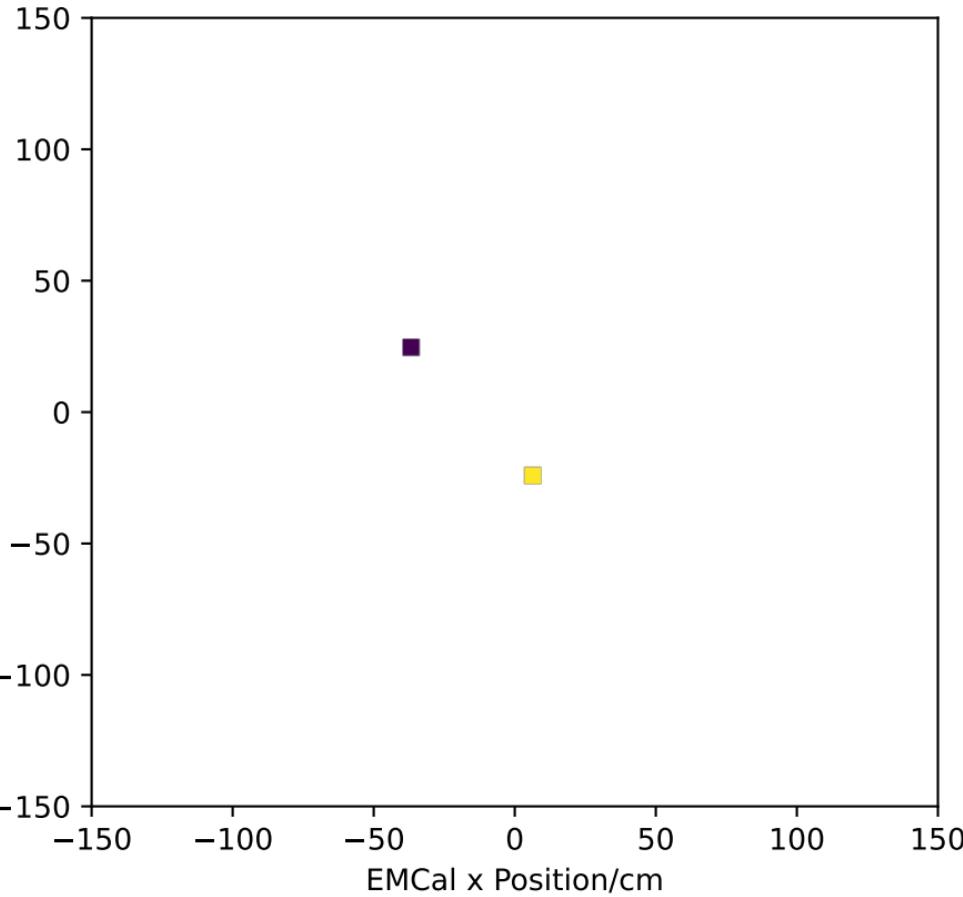
0.25

0.20

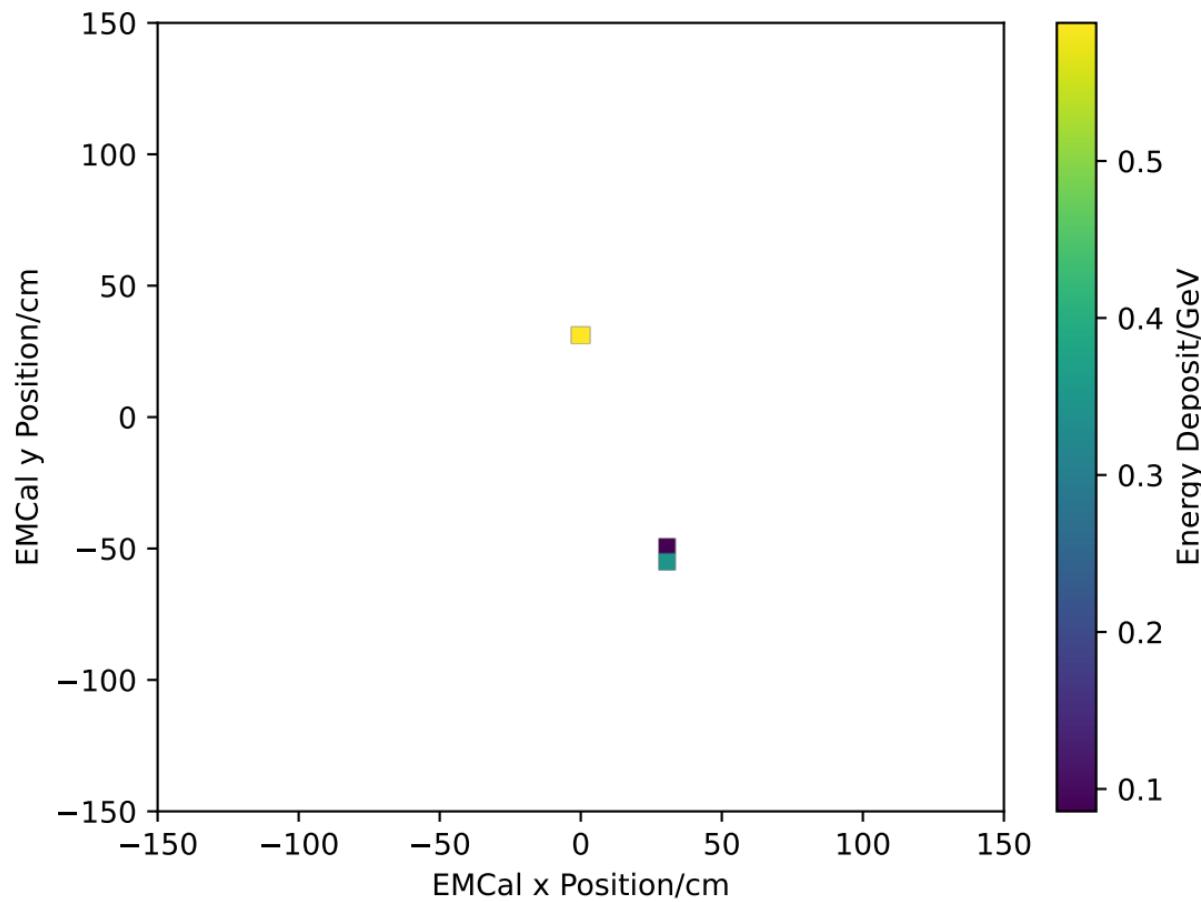
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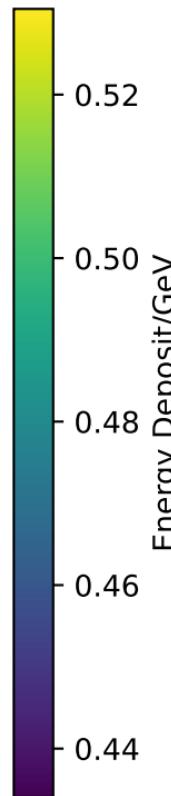
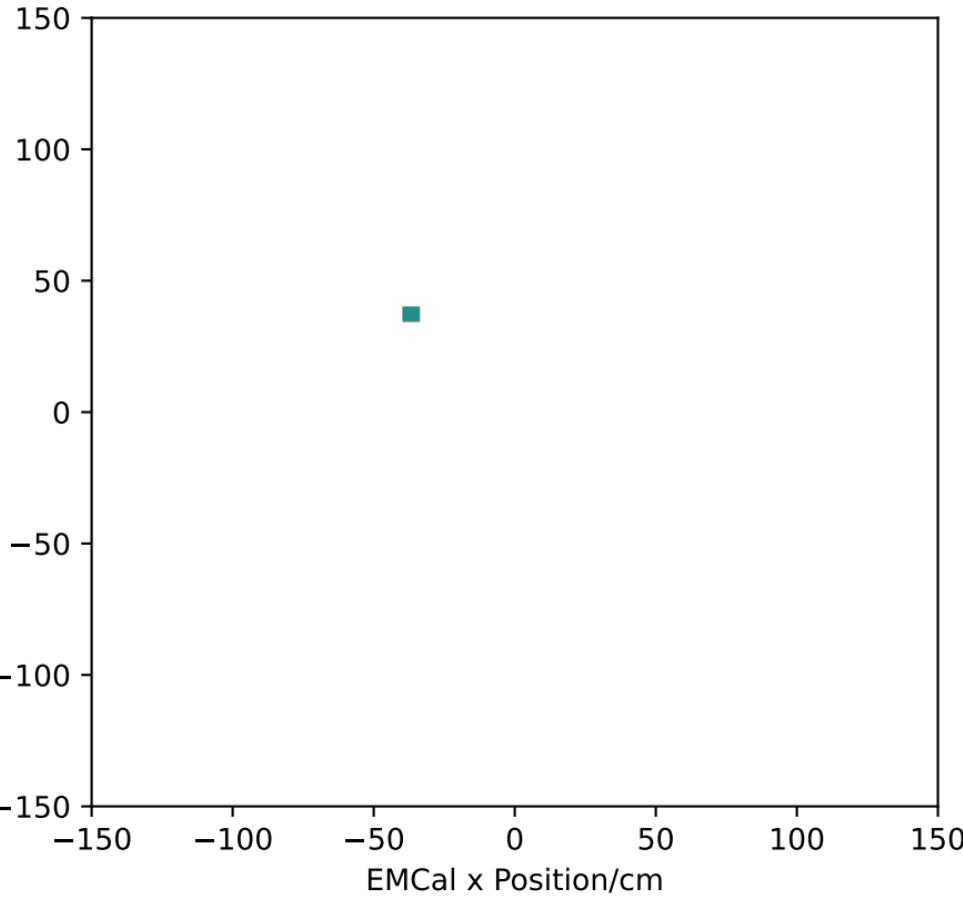
EMCal y Position/cm

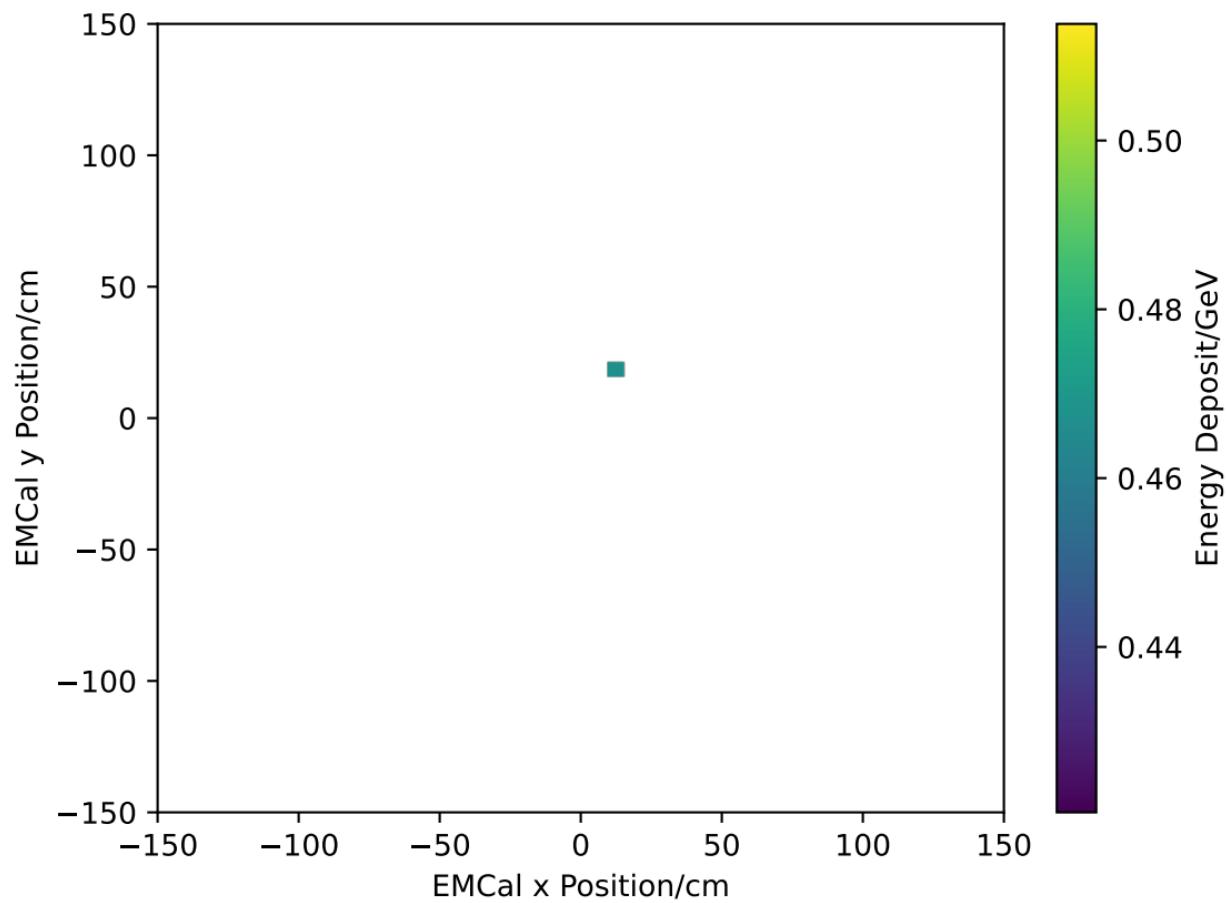


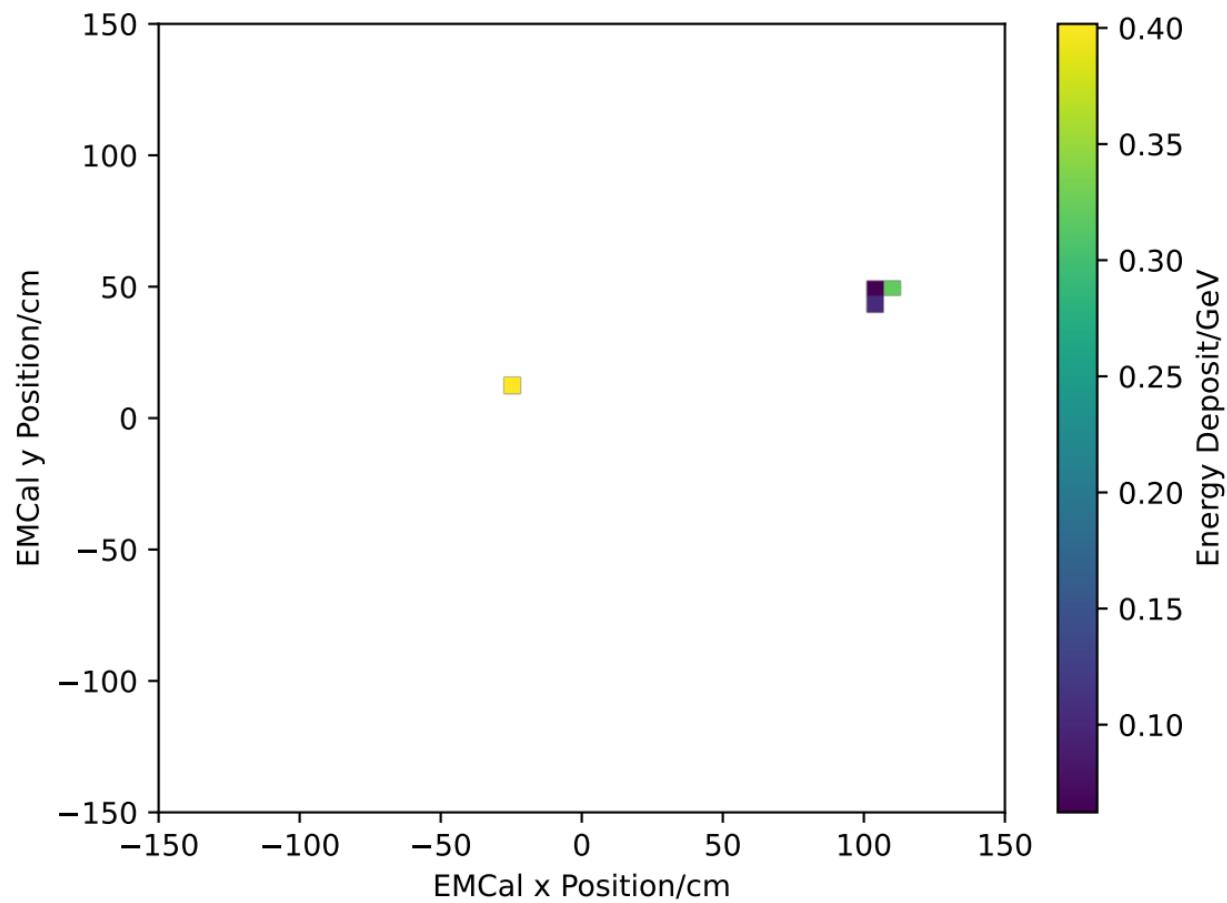
Energy Deposit/GeV

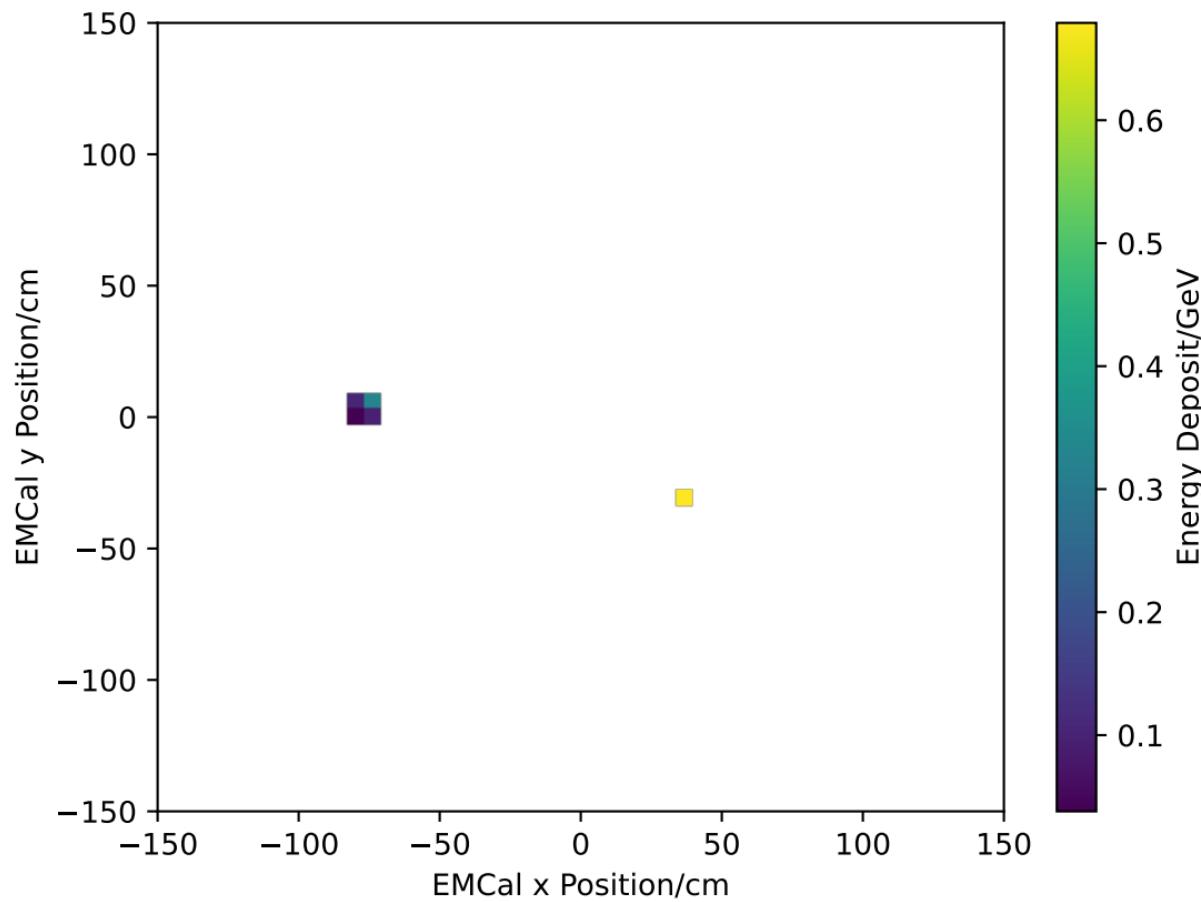


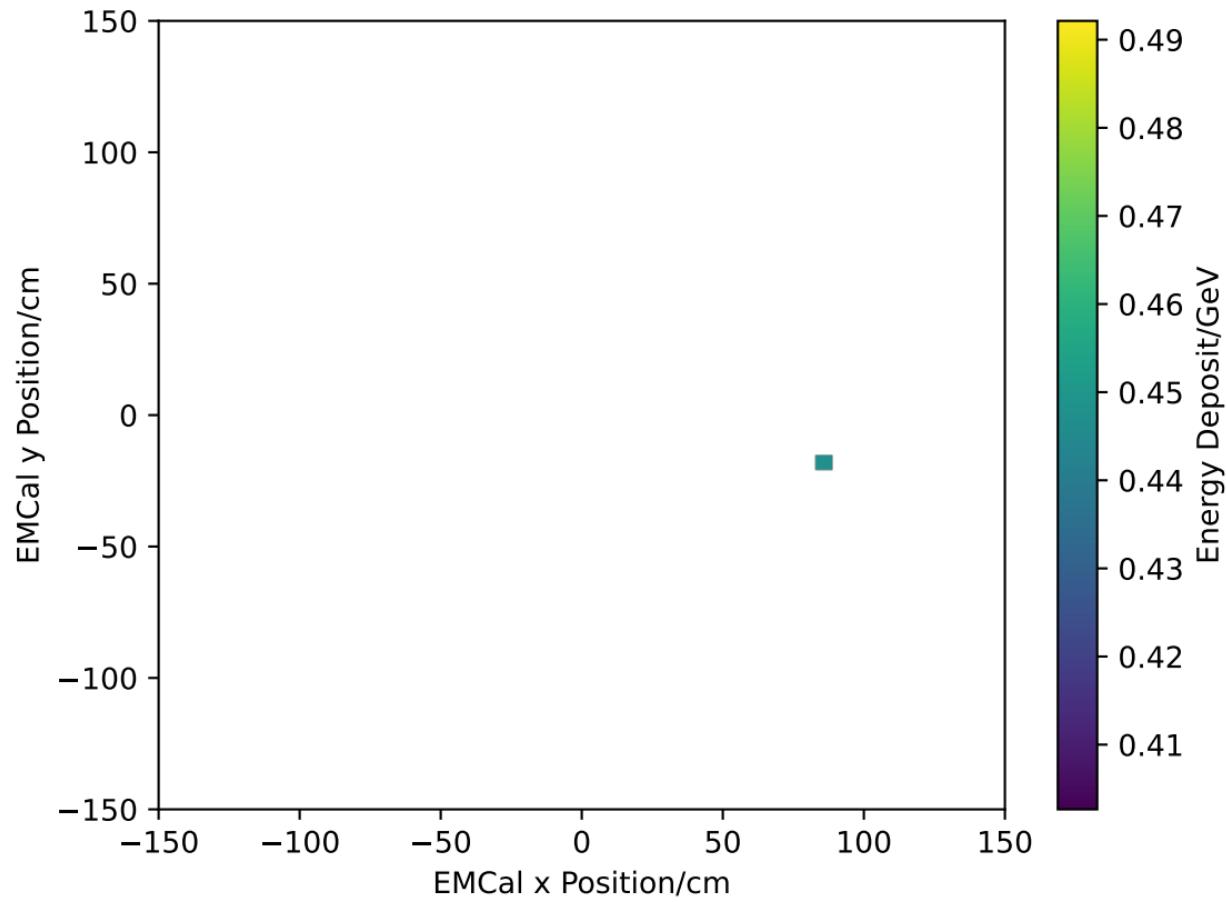
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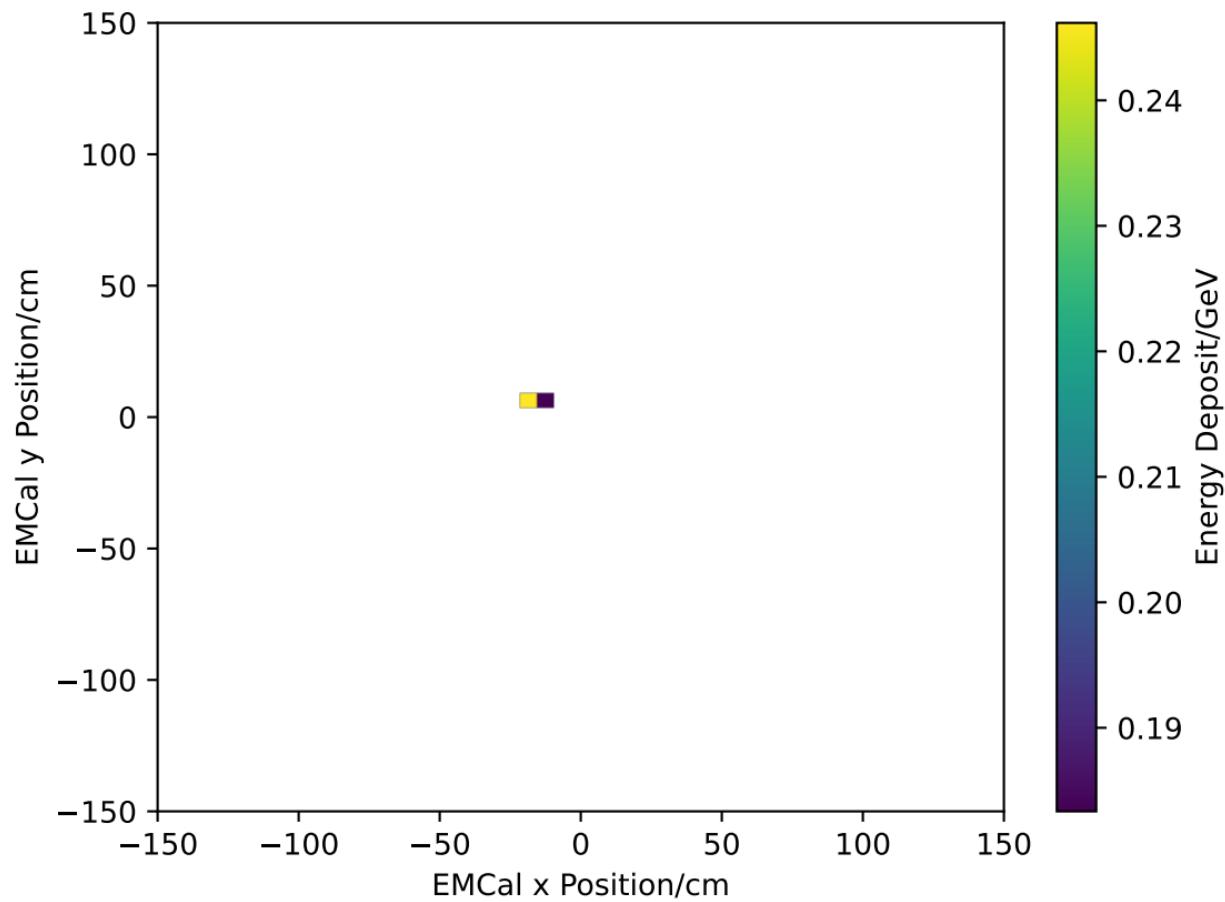


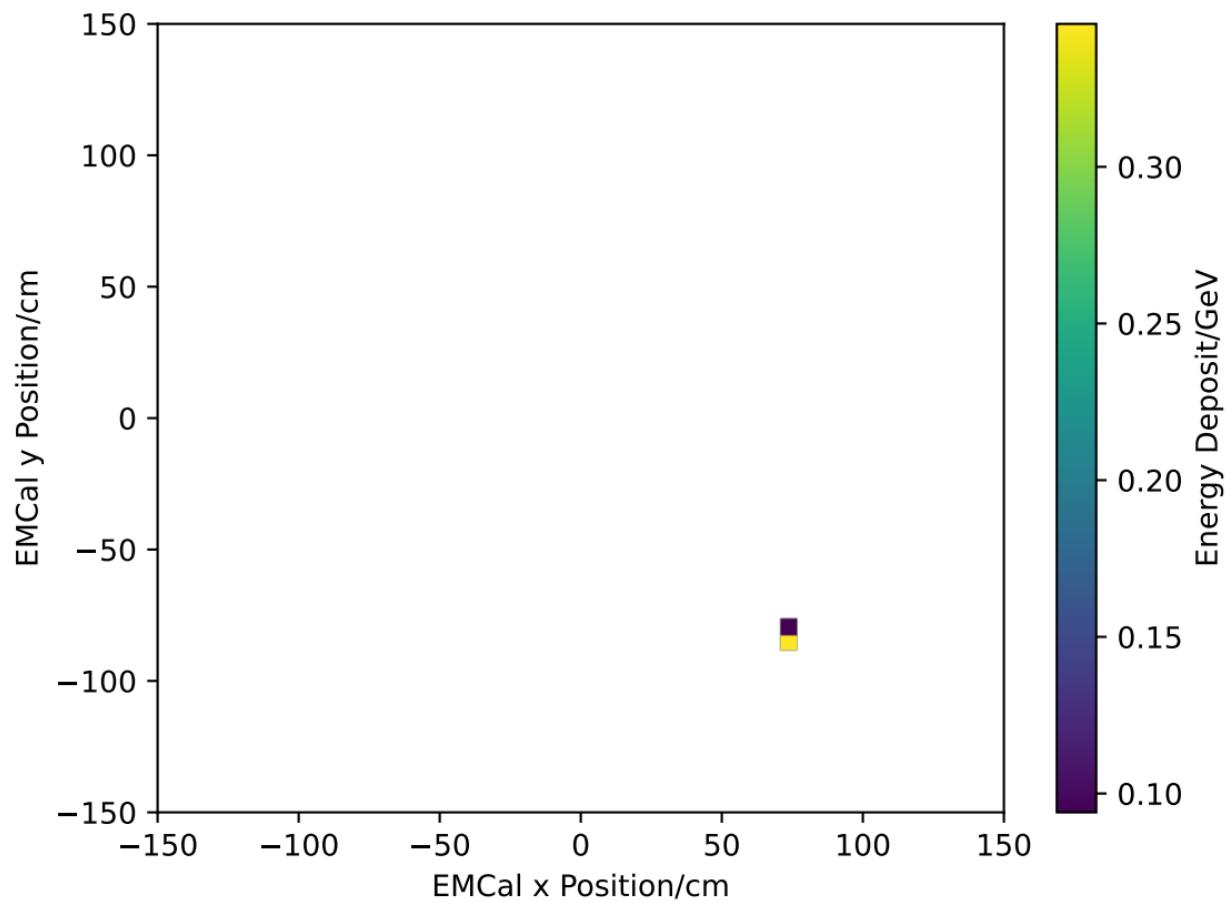




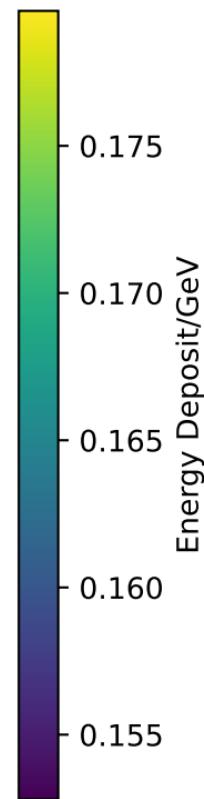
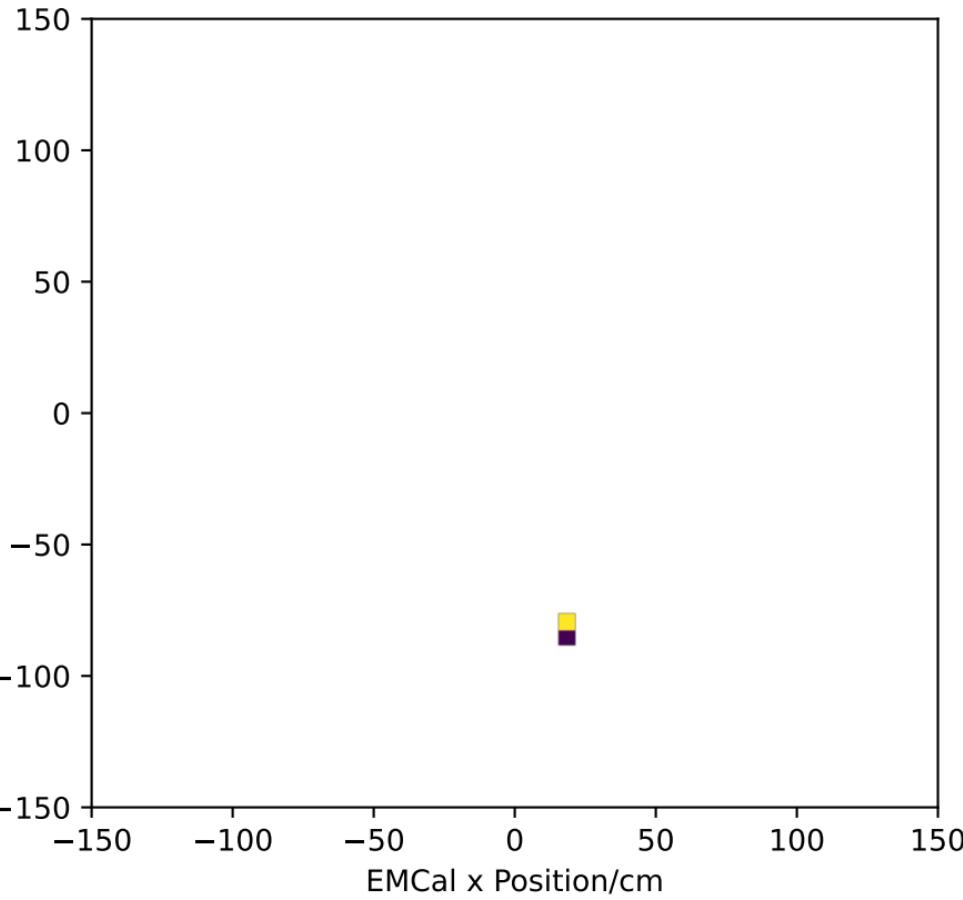


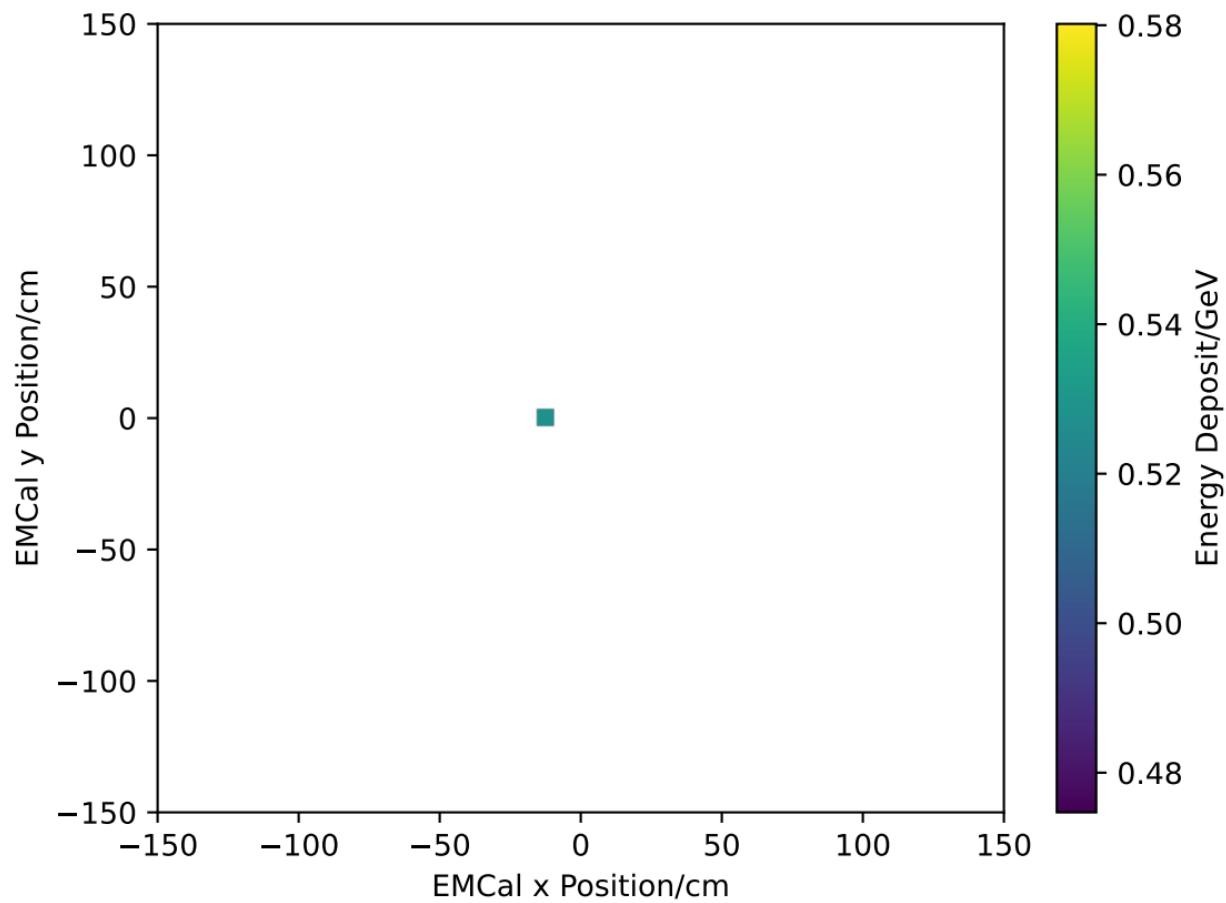


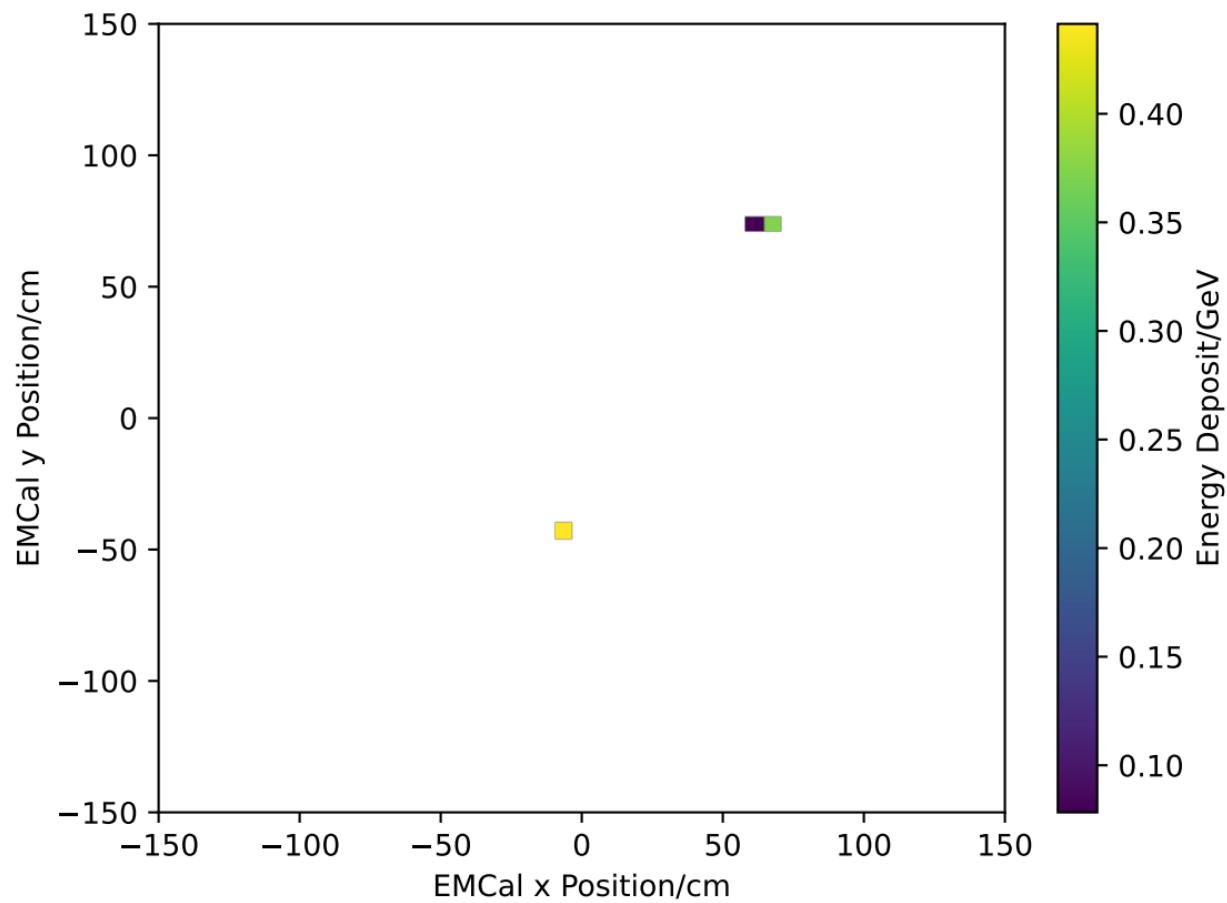


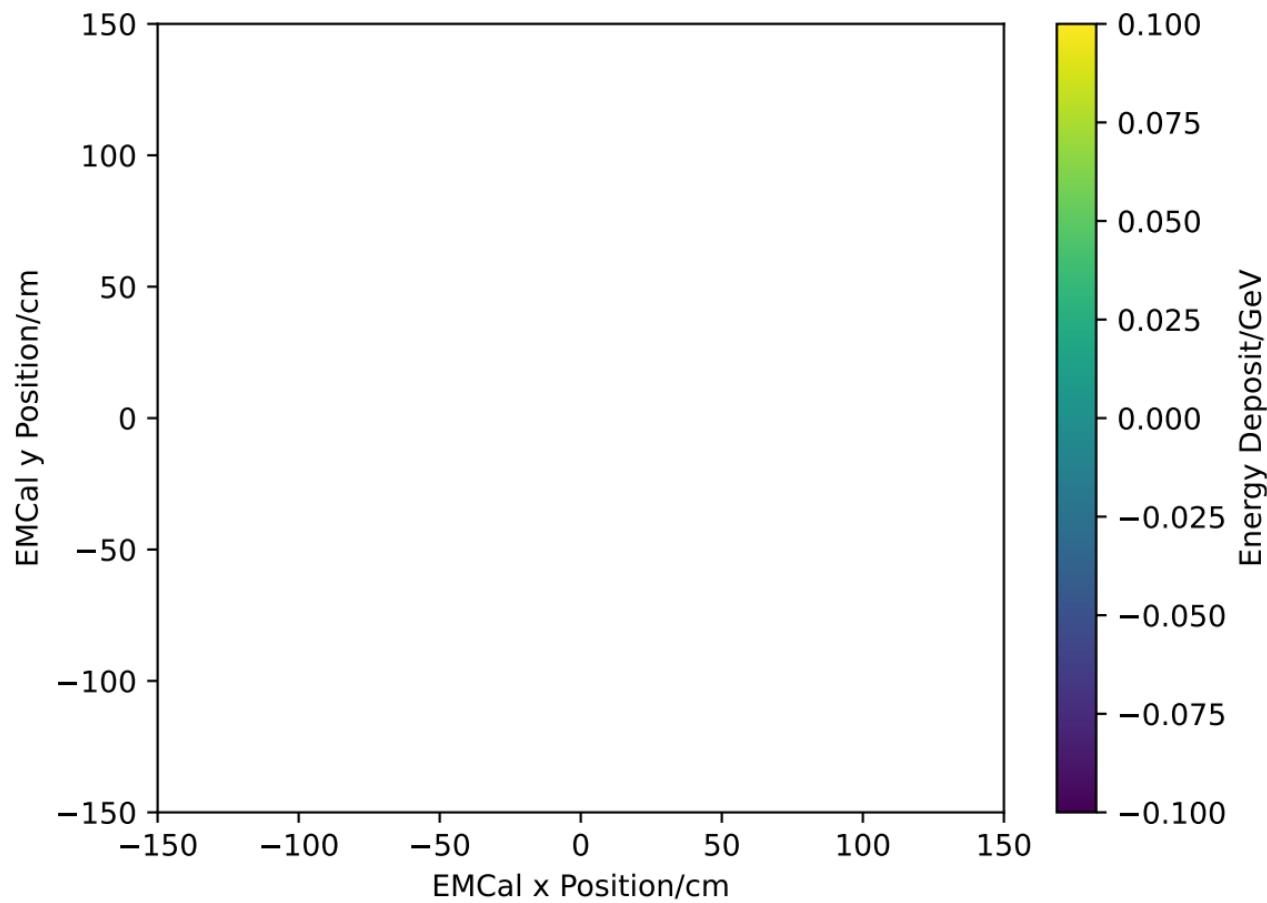


EMCal y Position/cm

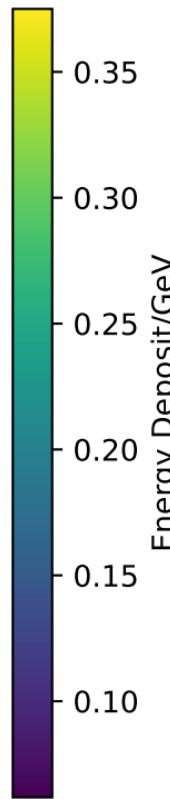
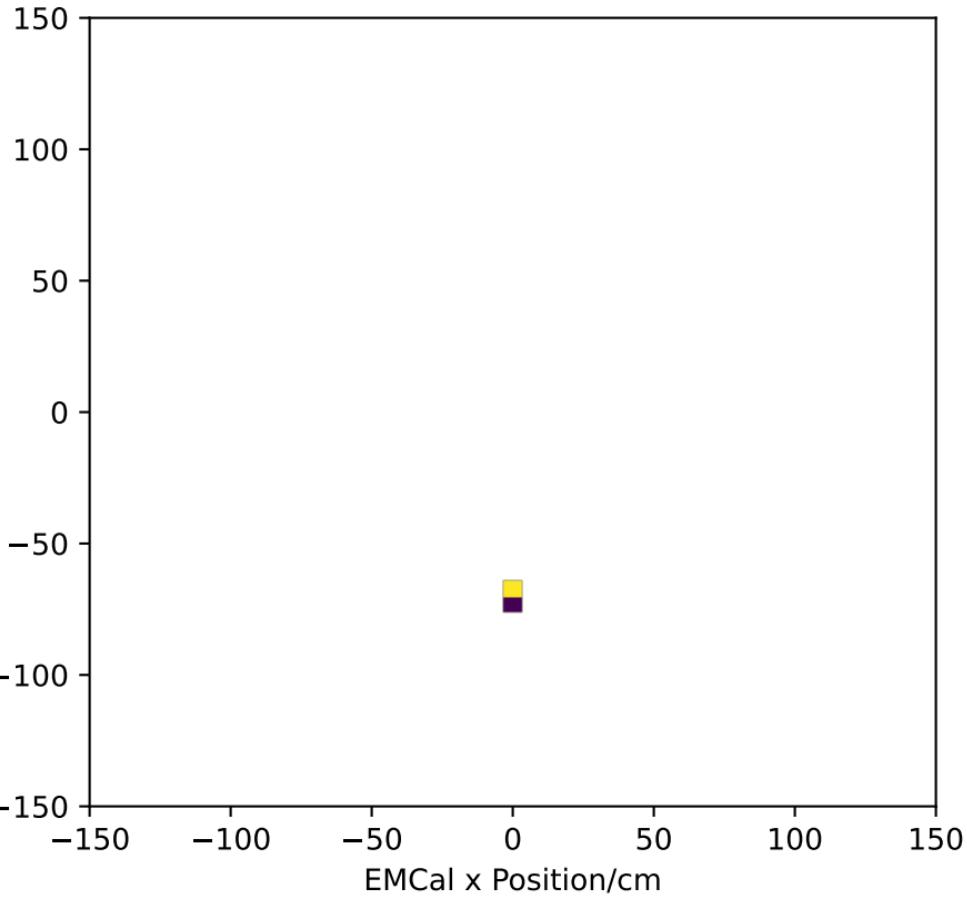


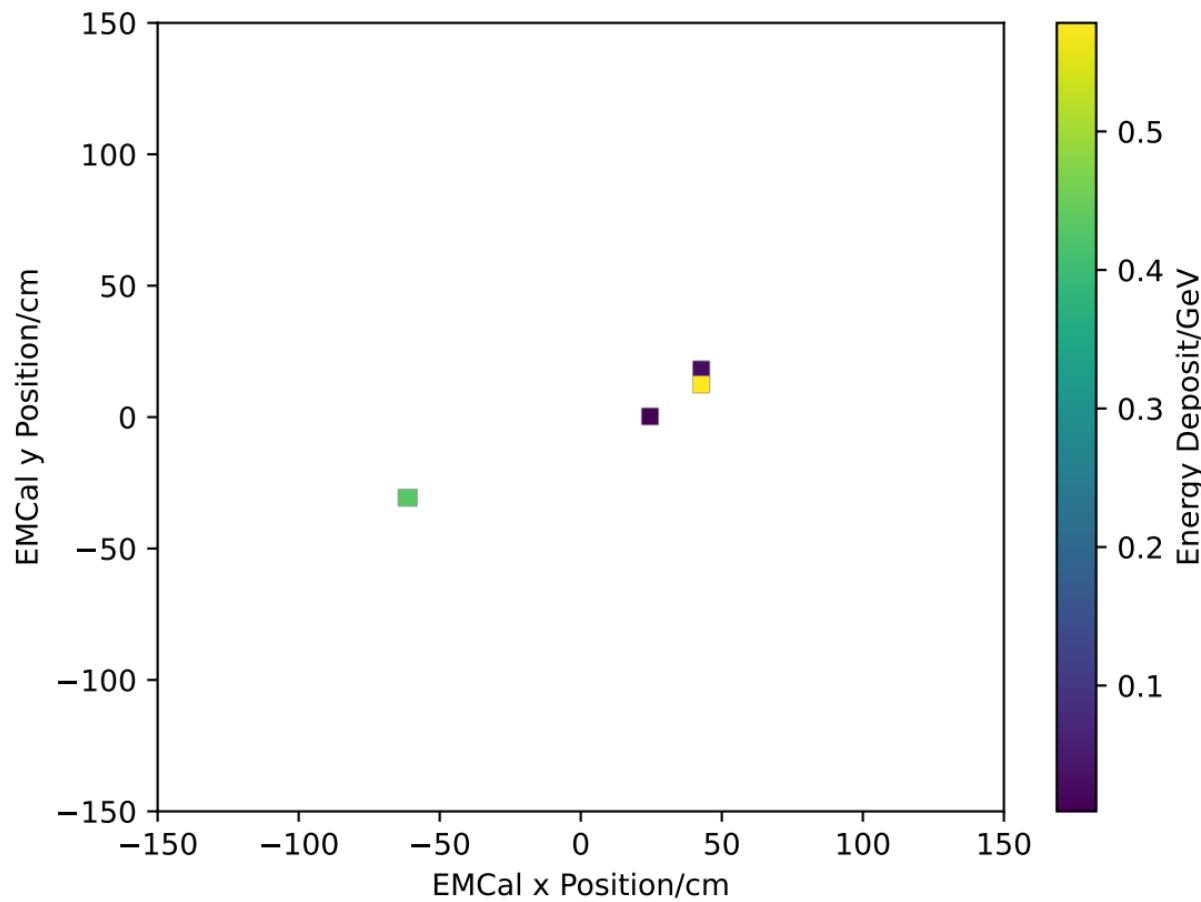


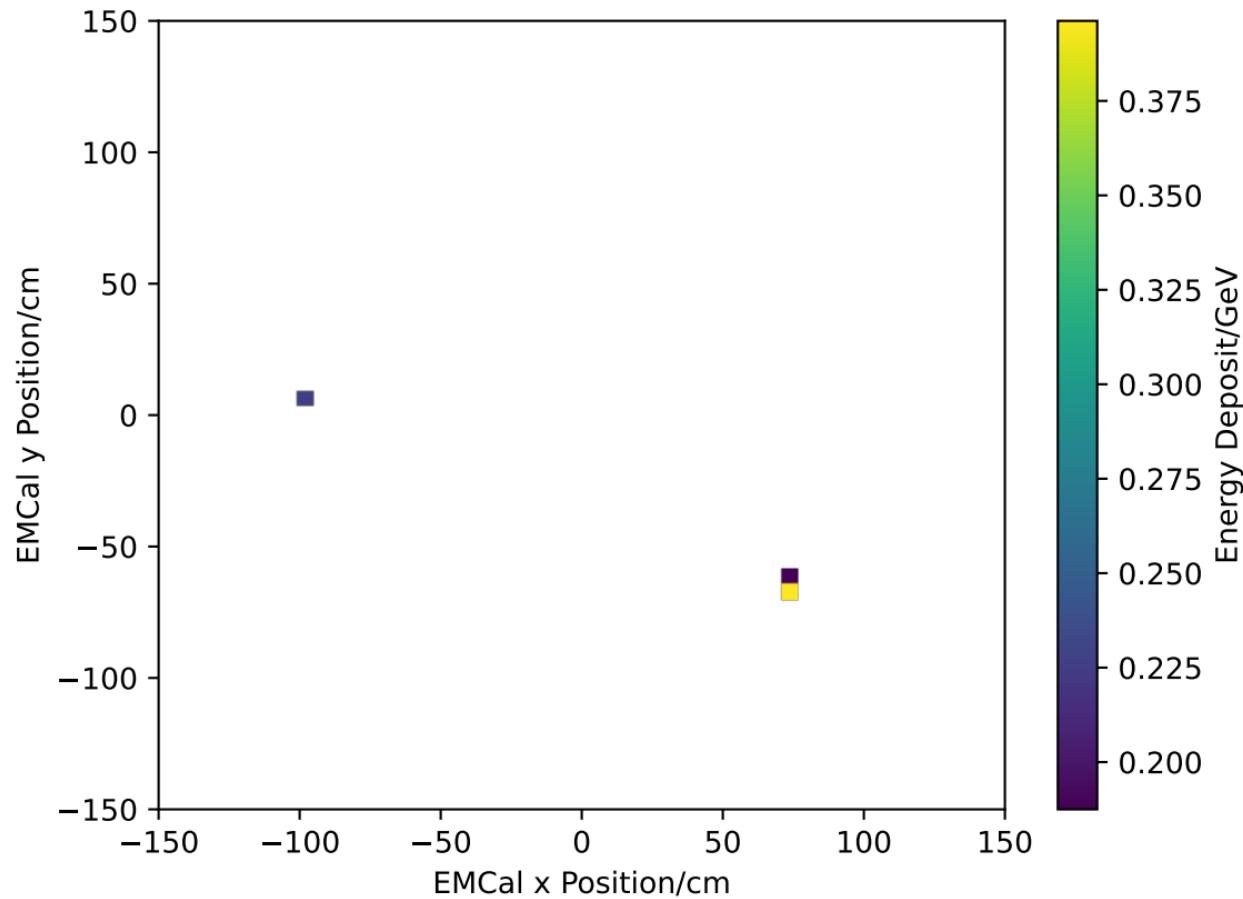


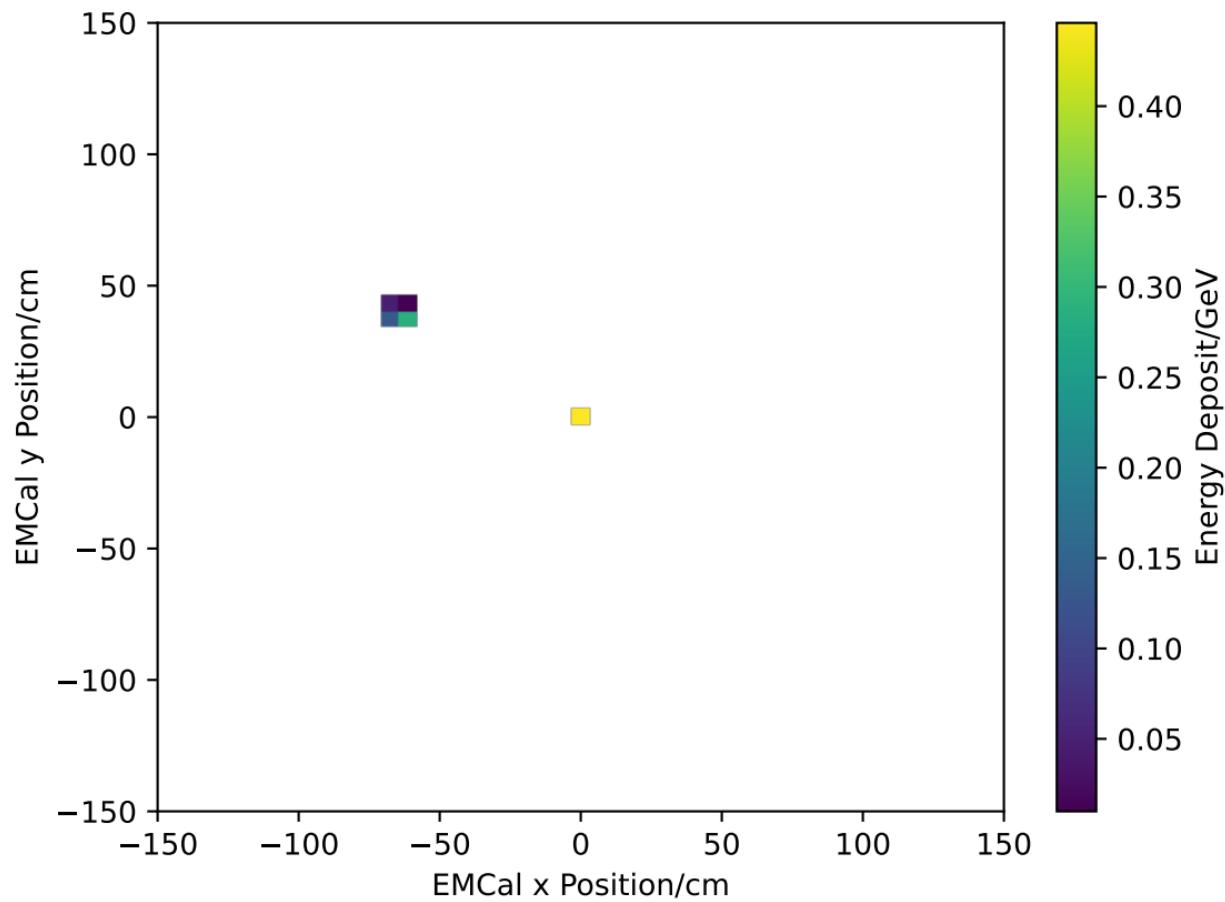


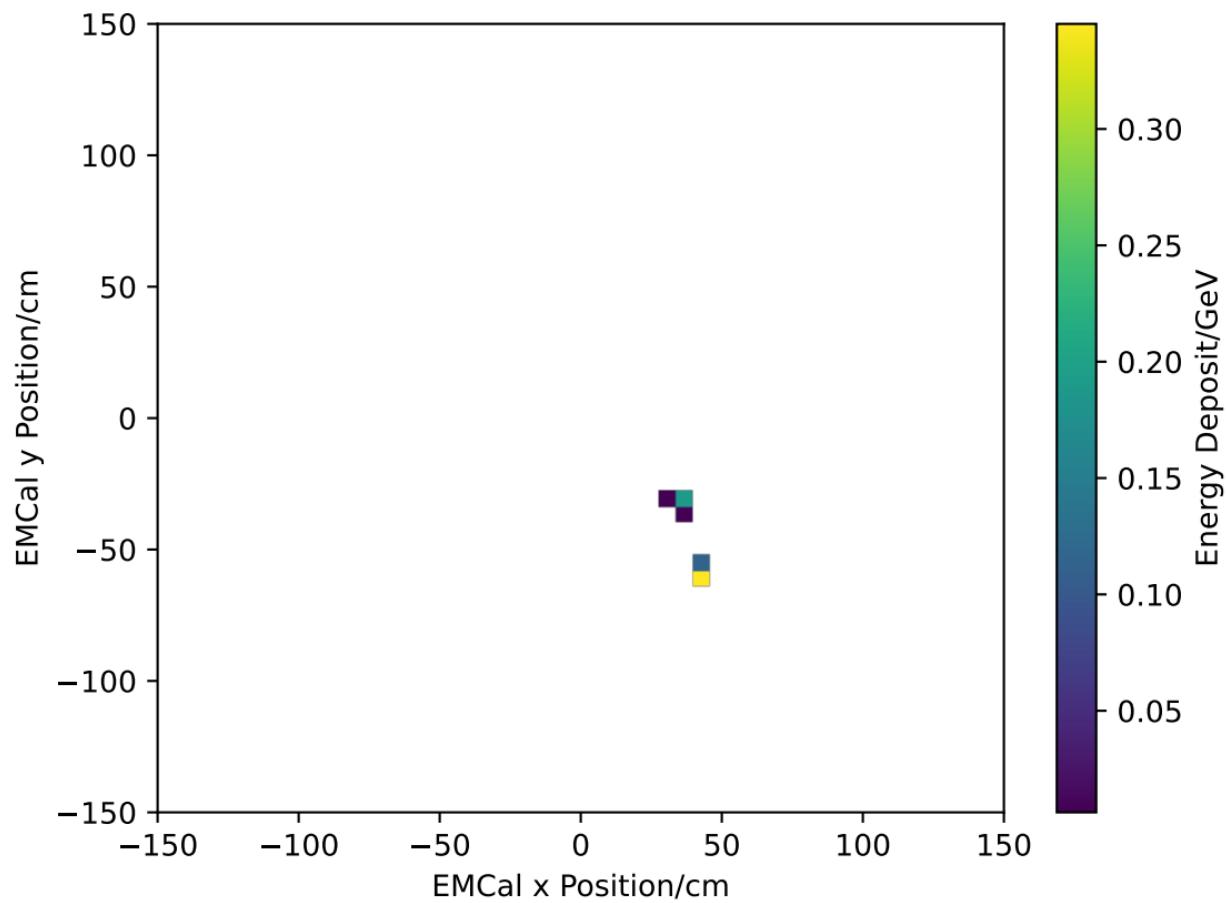
EMCal y Position/cm

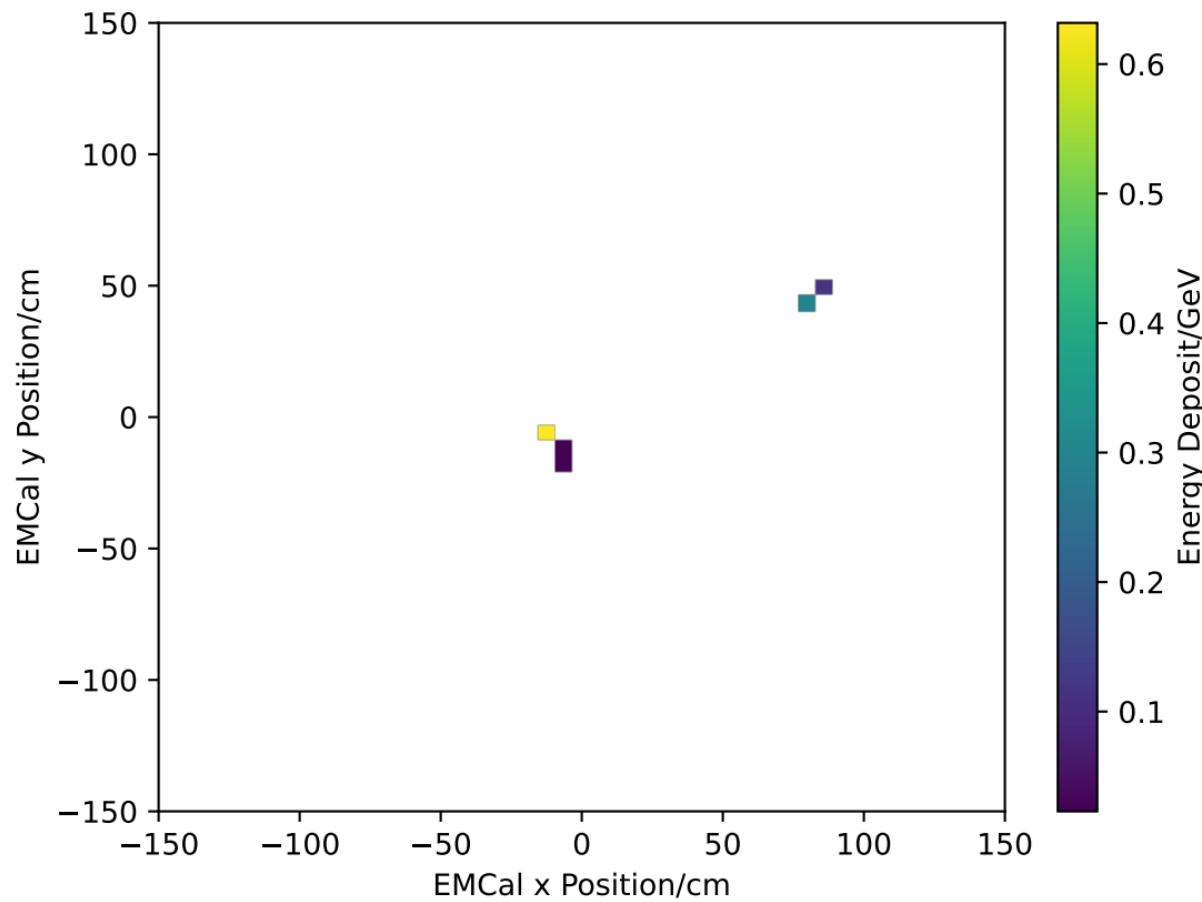




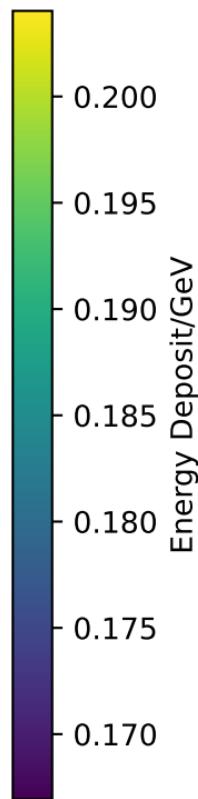
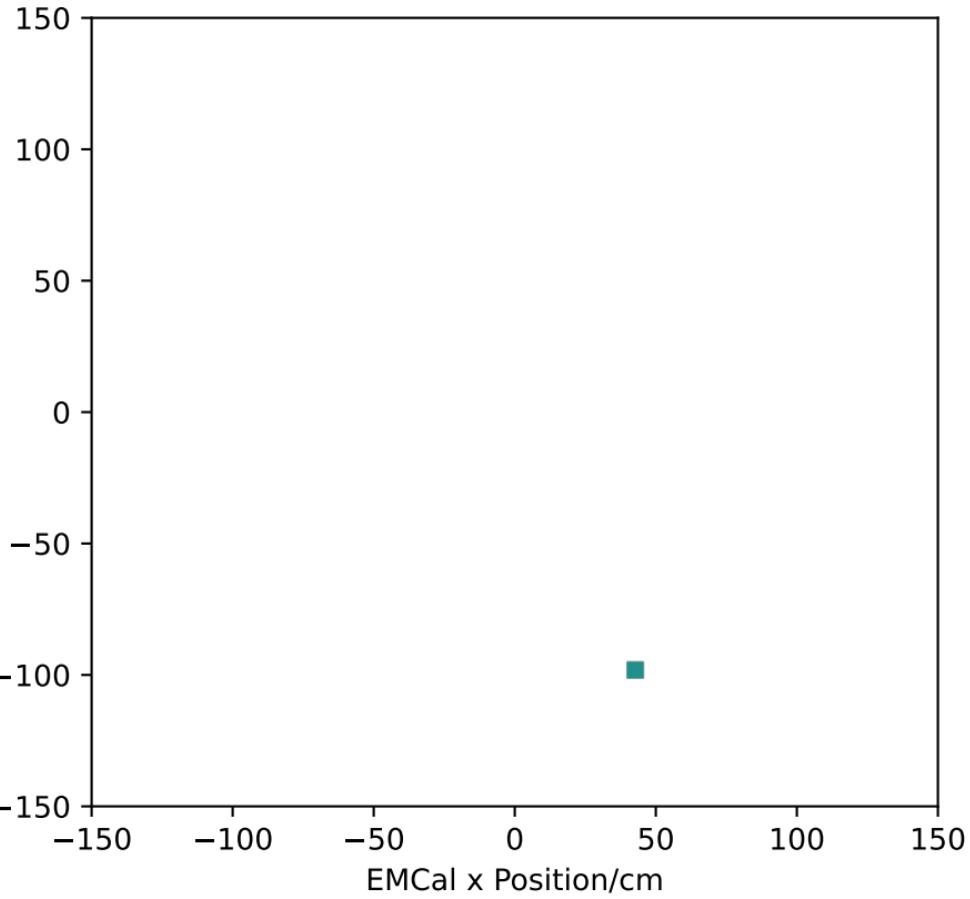




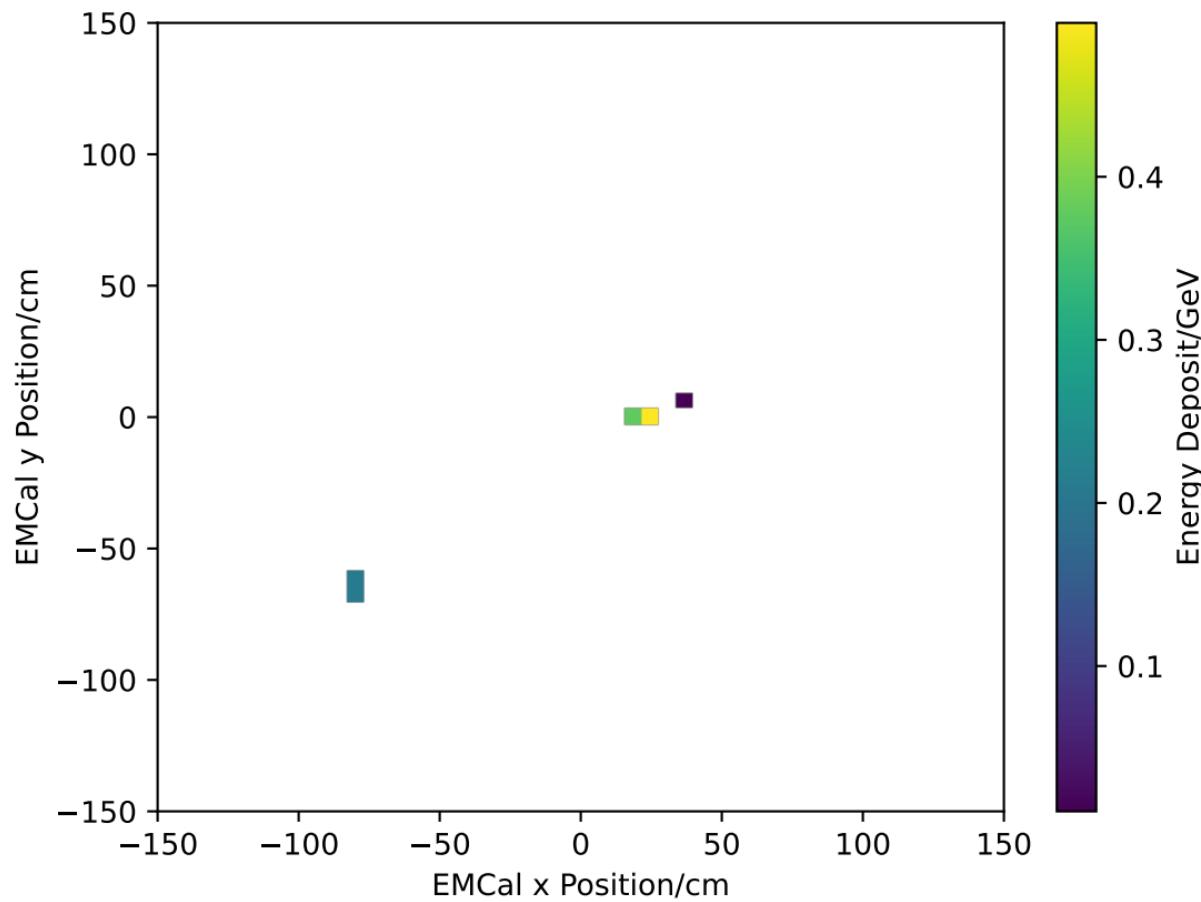


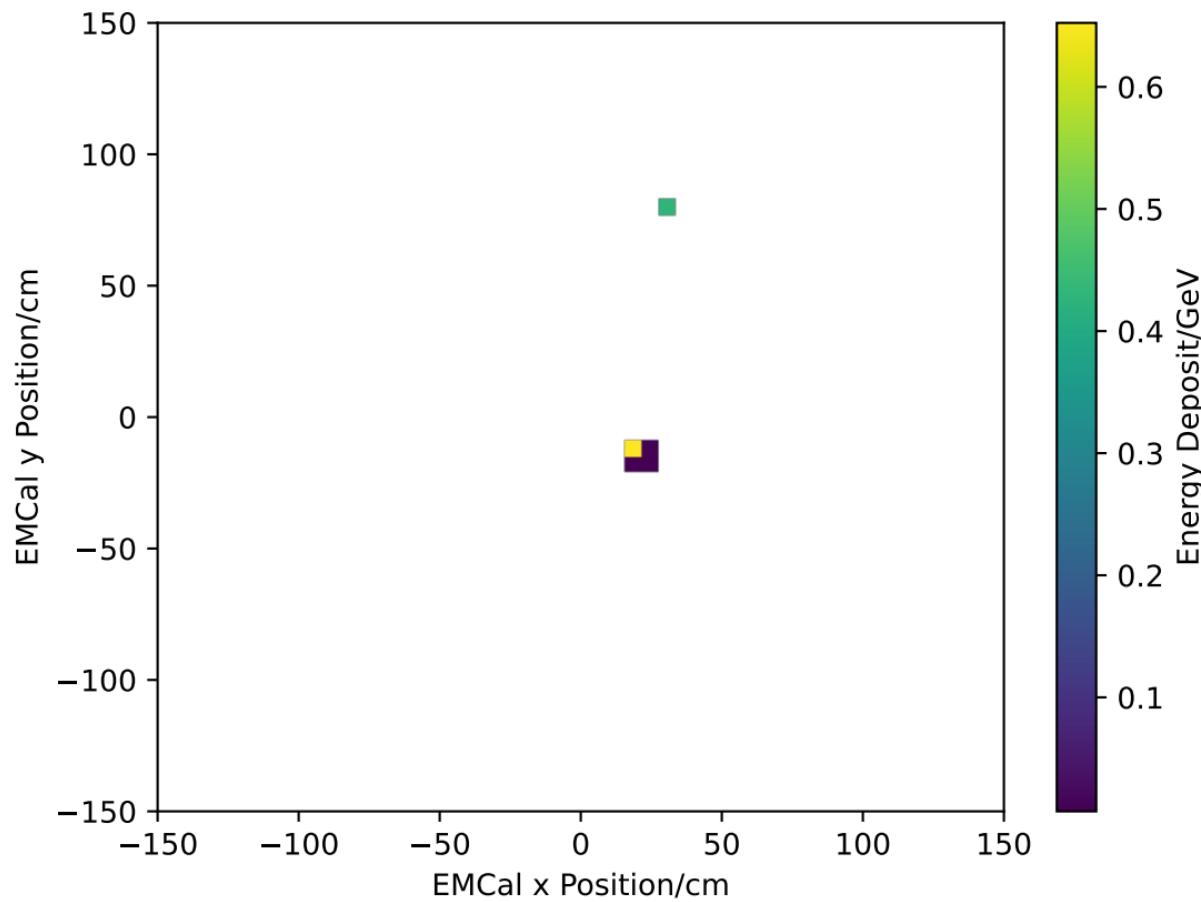


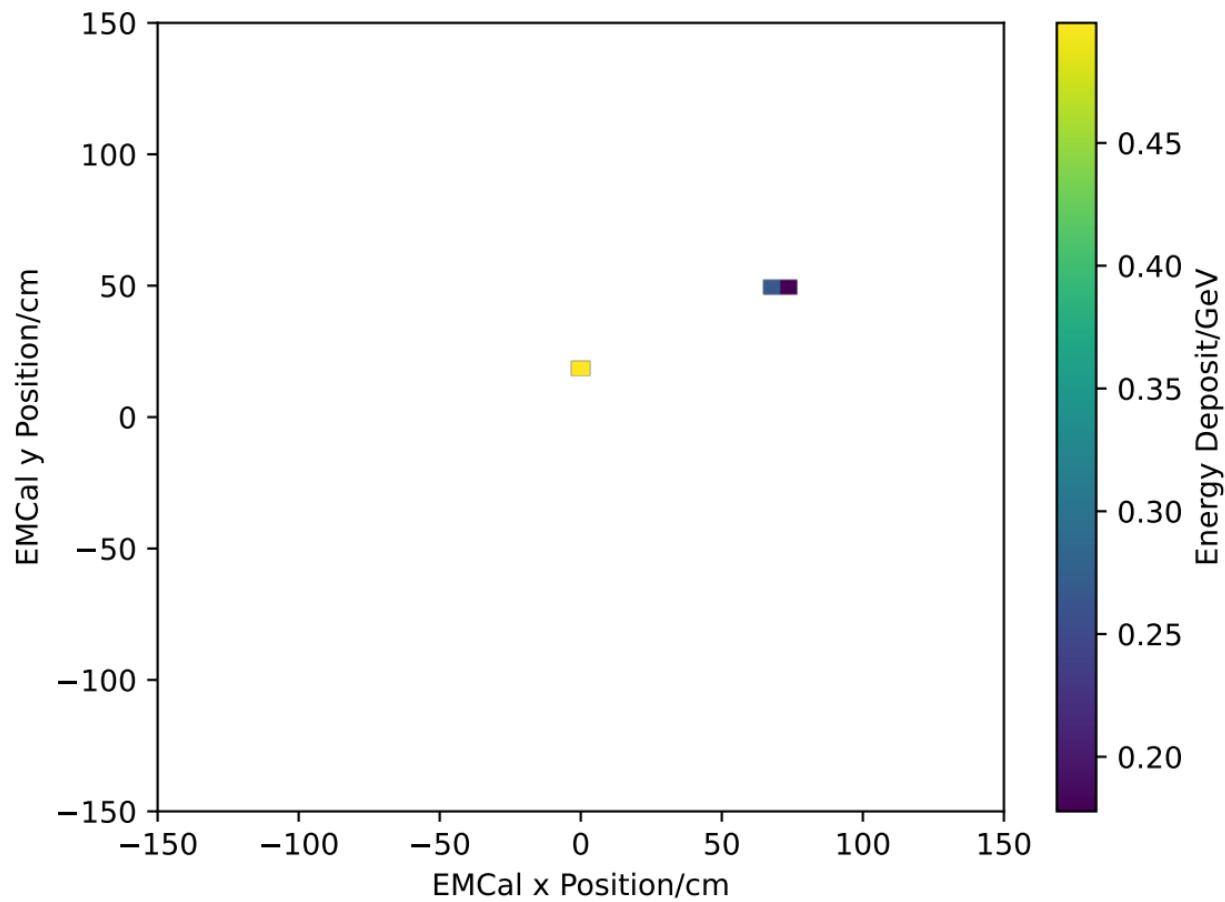
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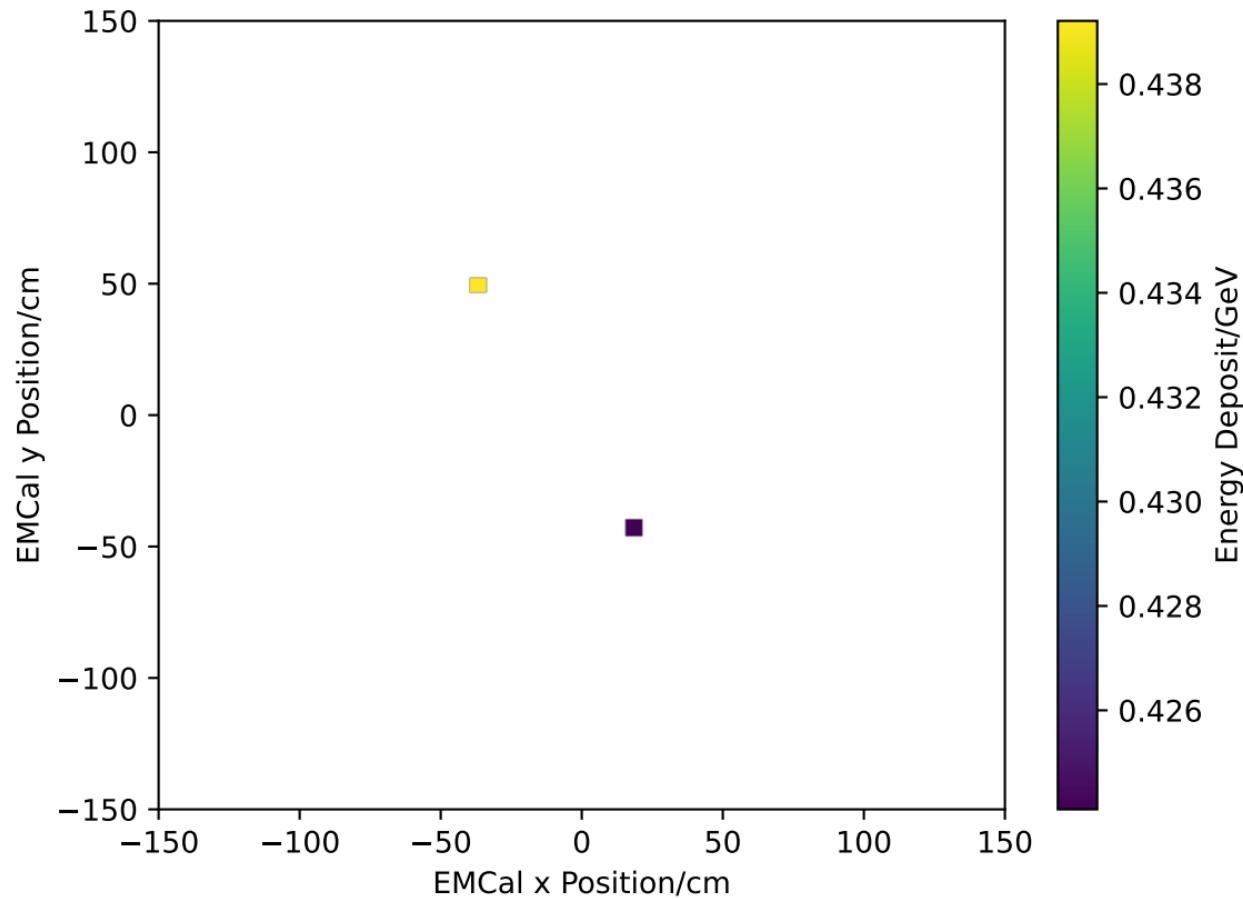


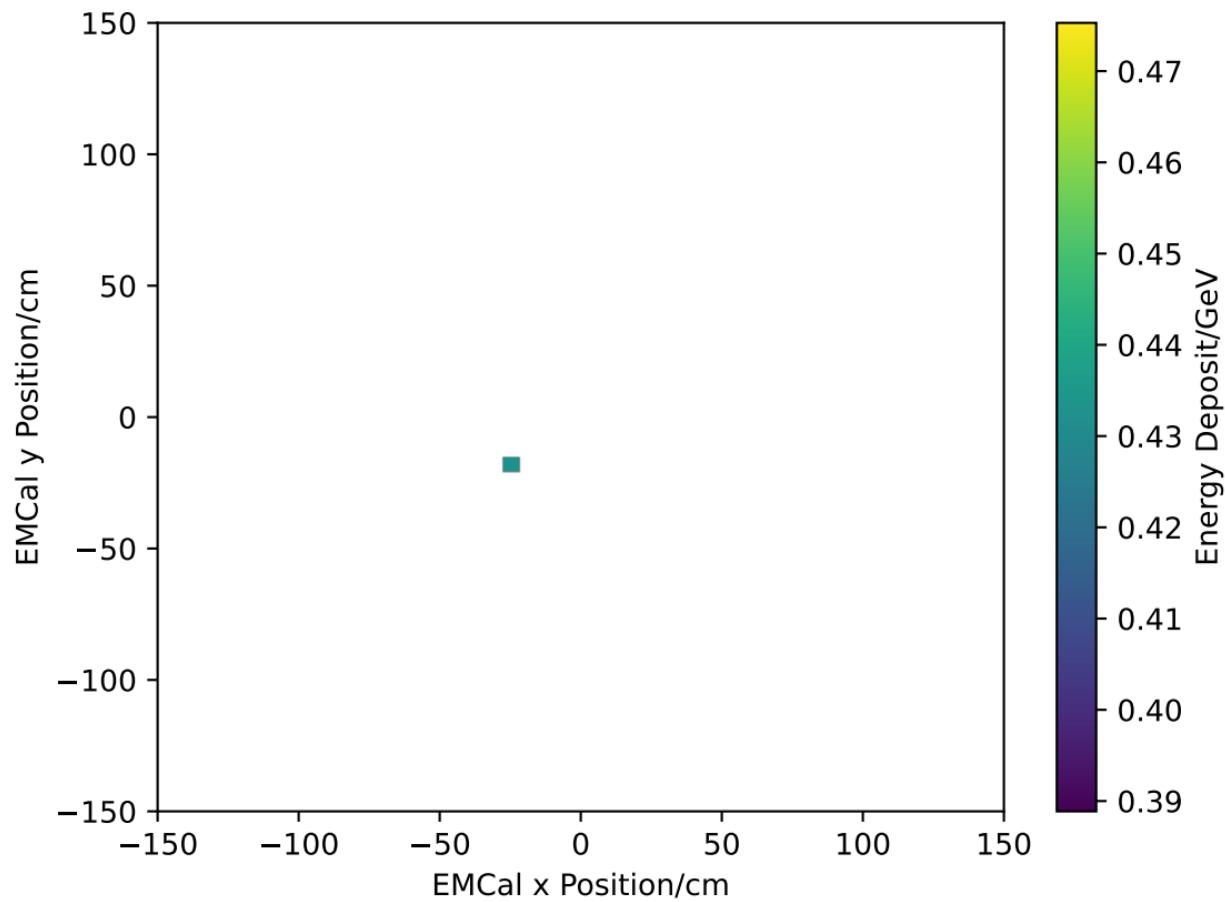
Energy Deposit/GeV

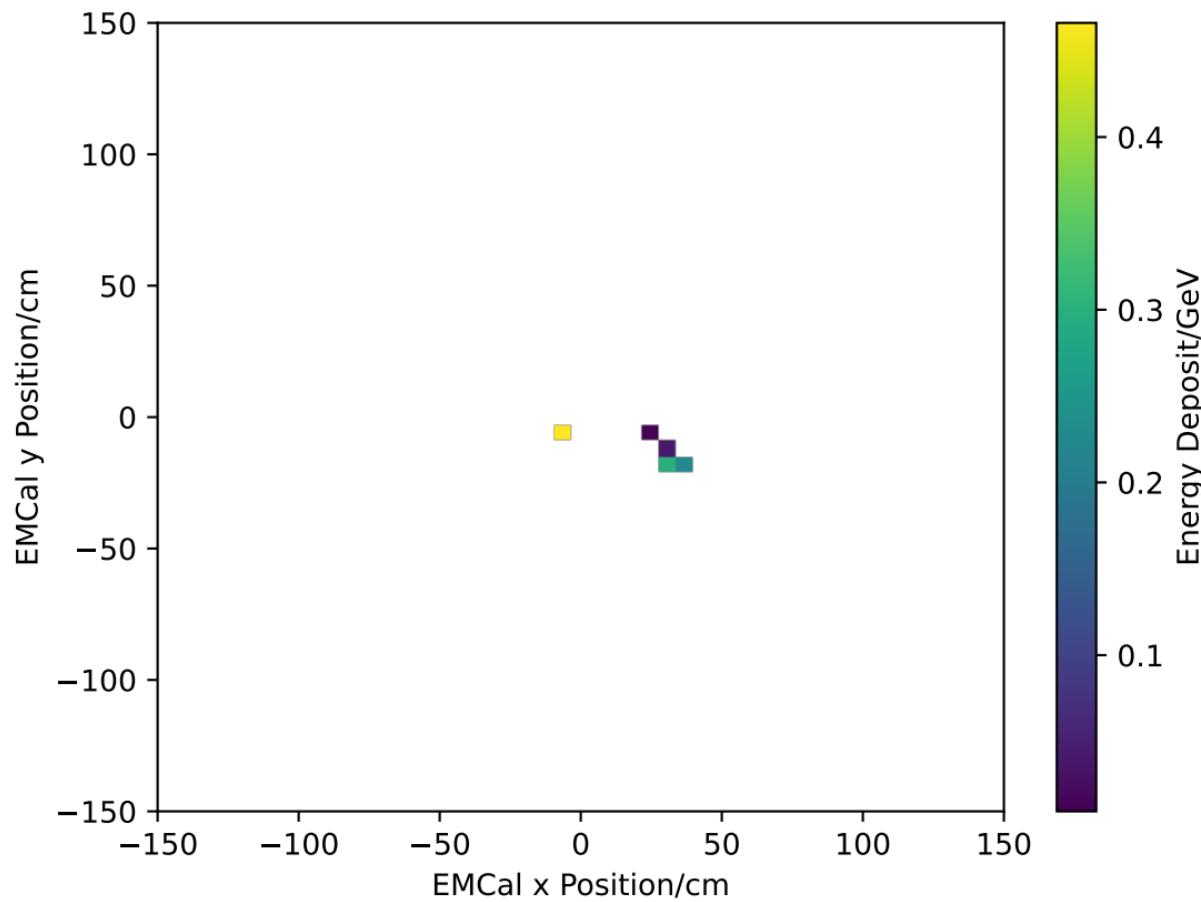


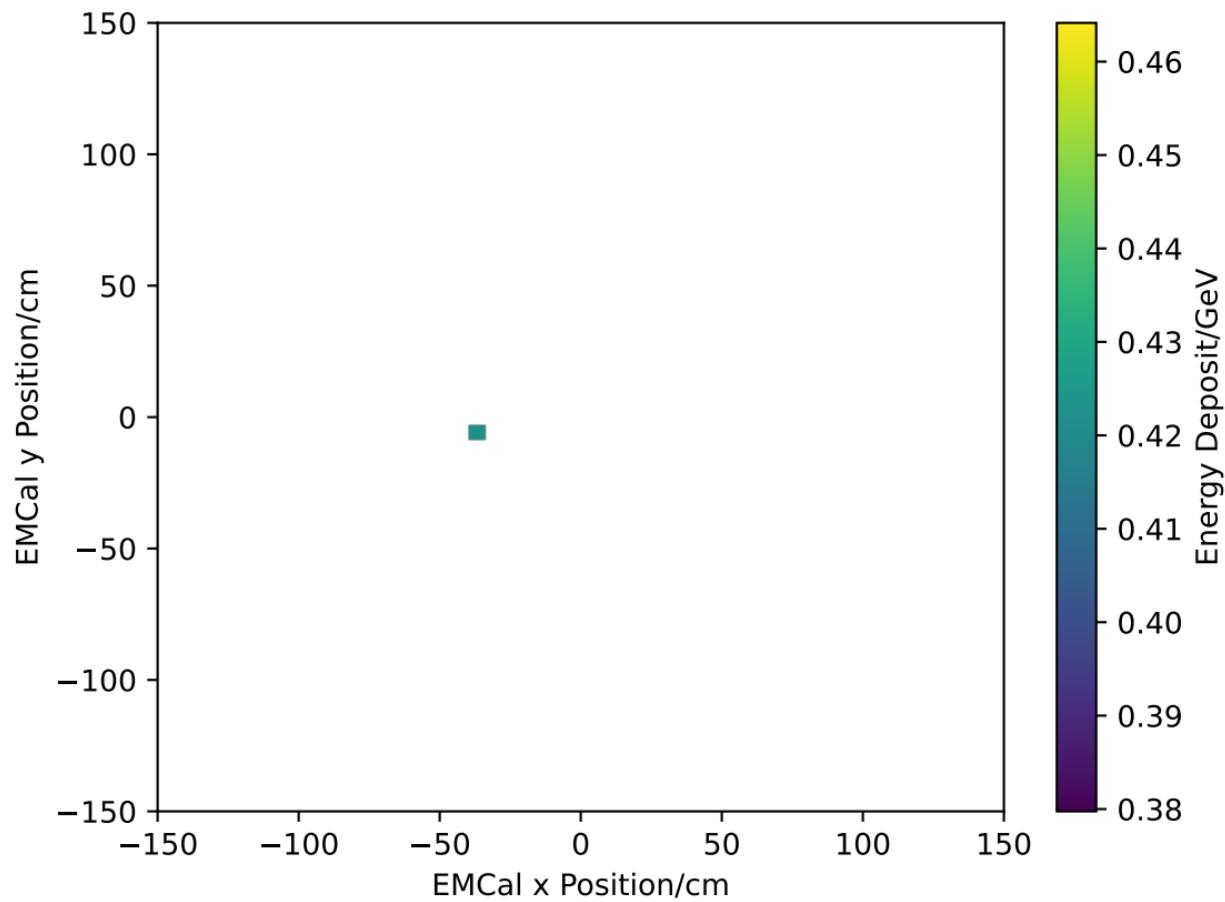




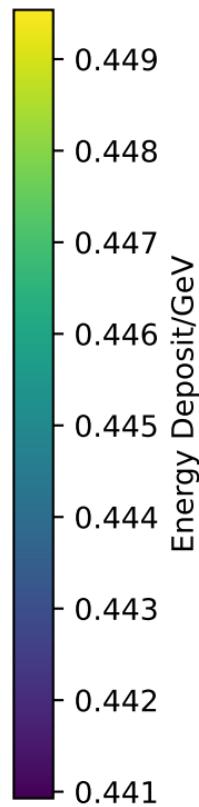
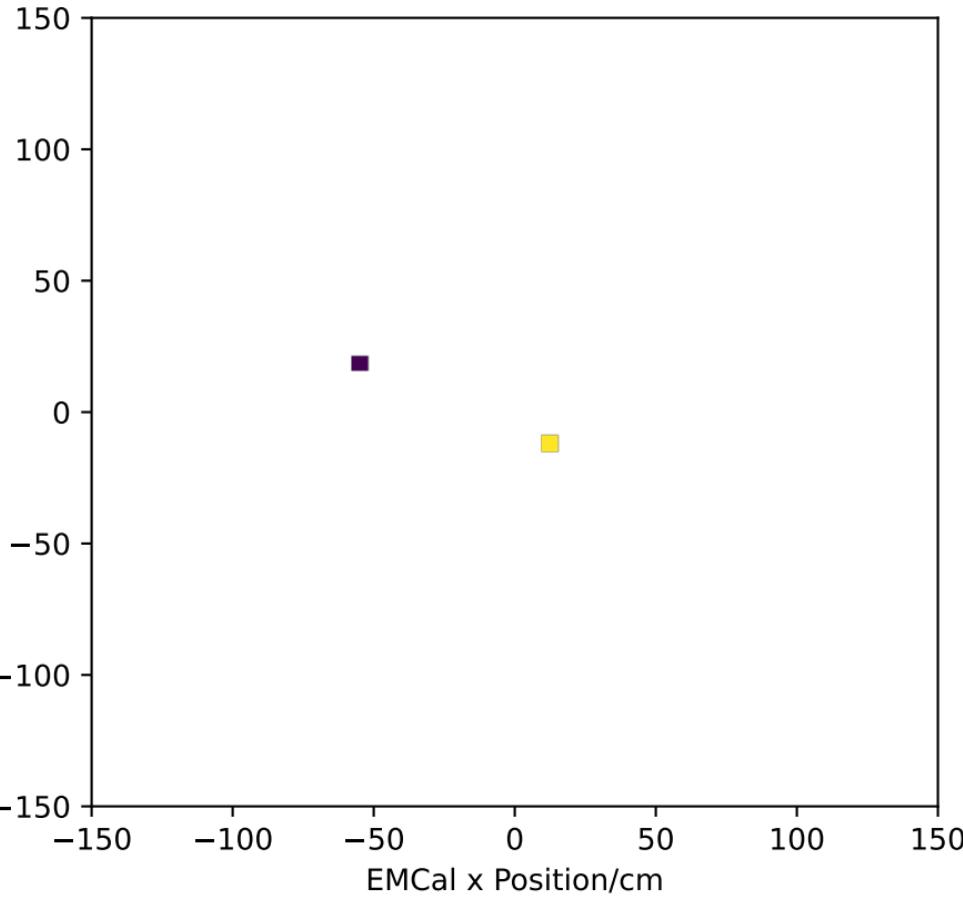


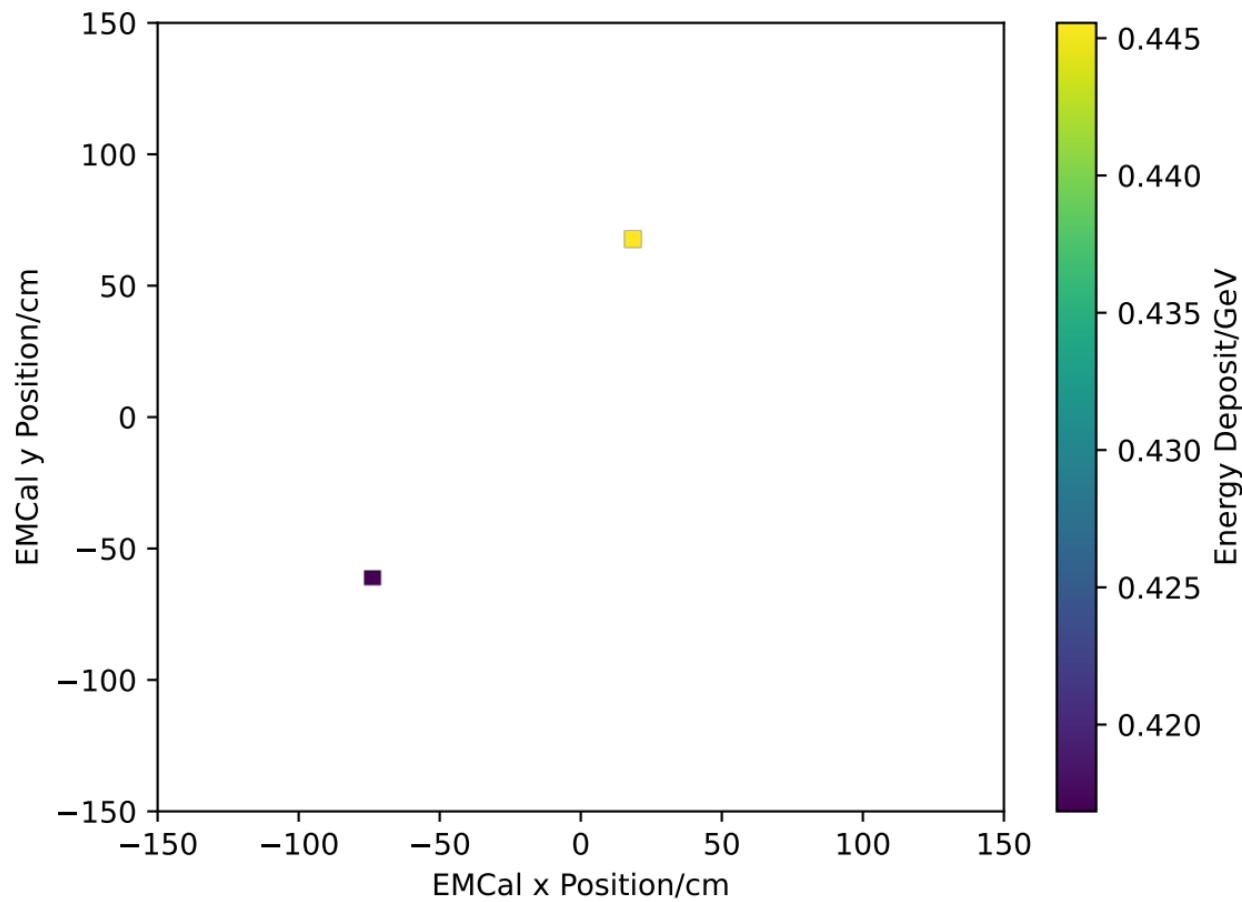


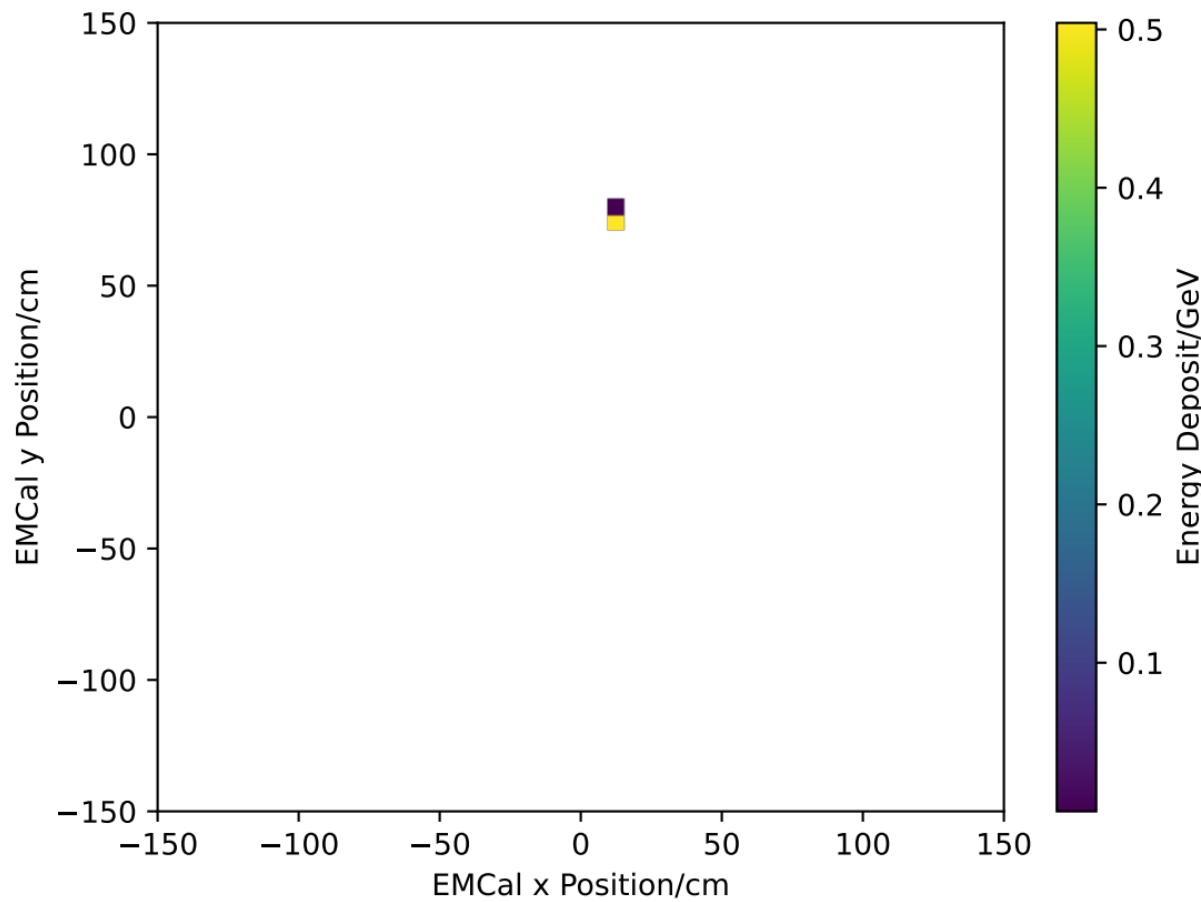


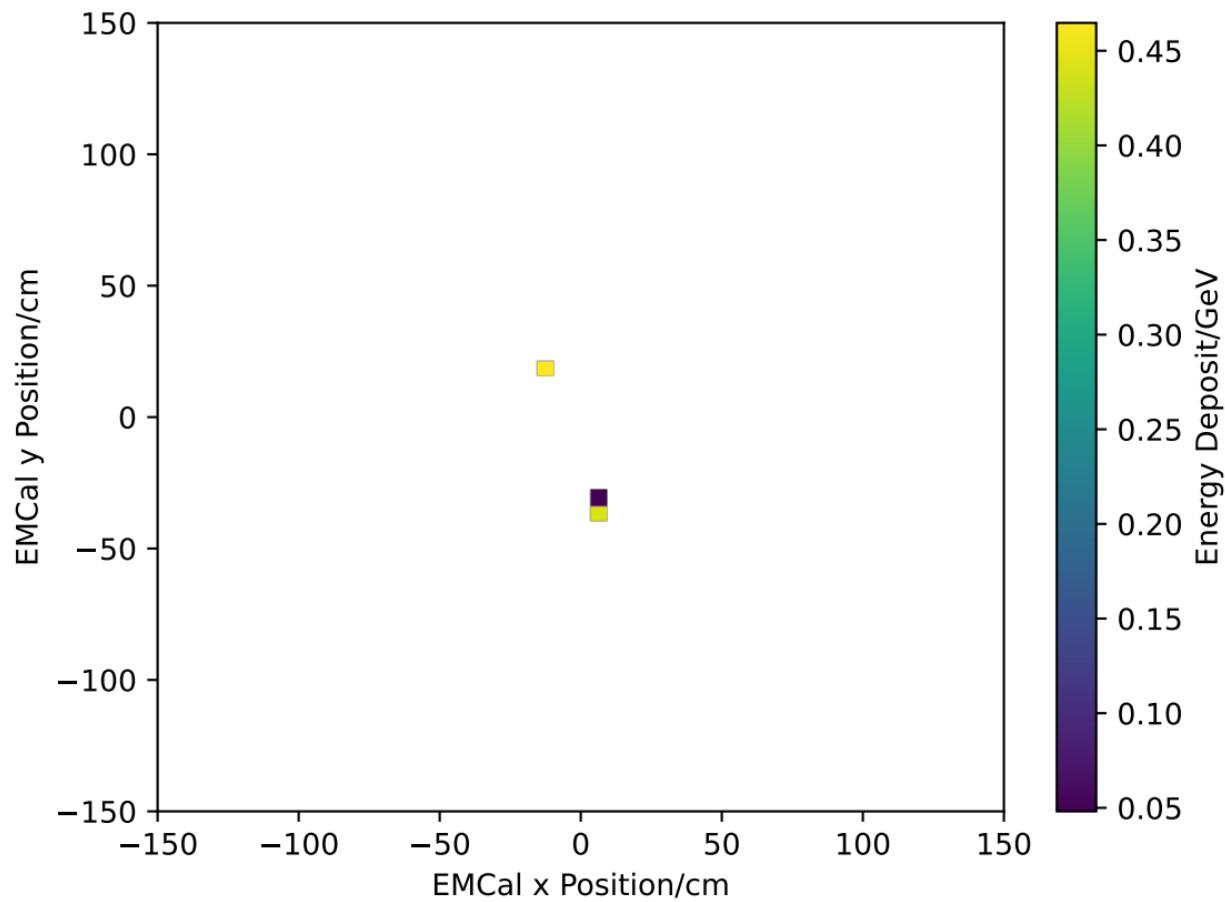


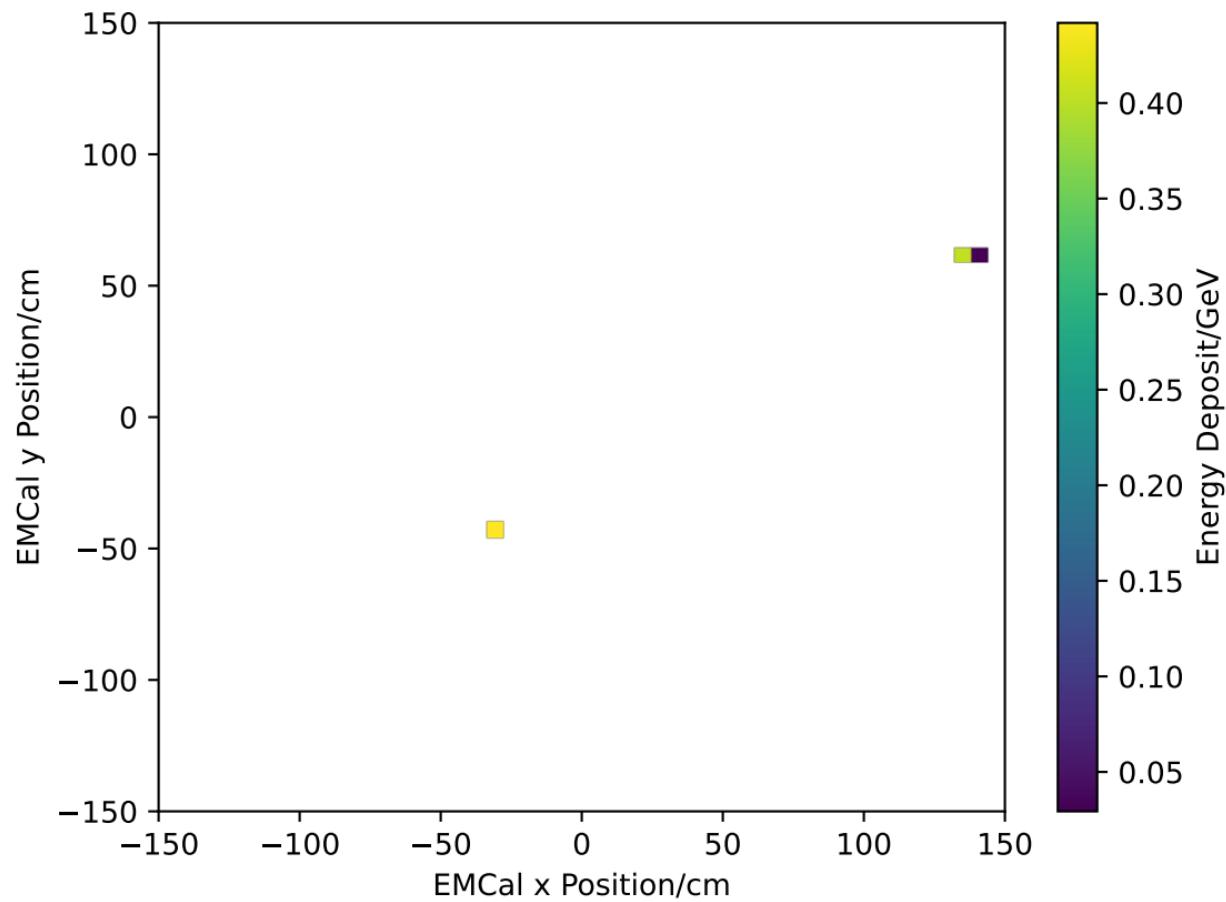
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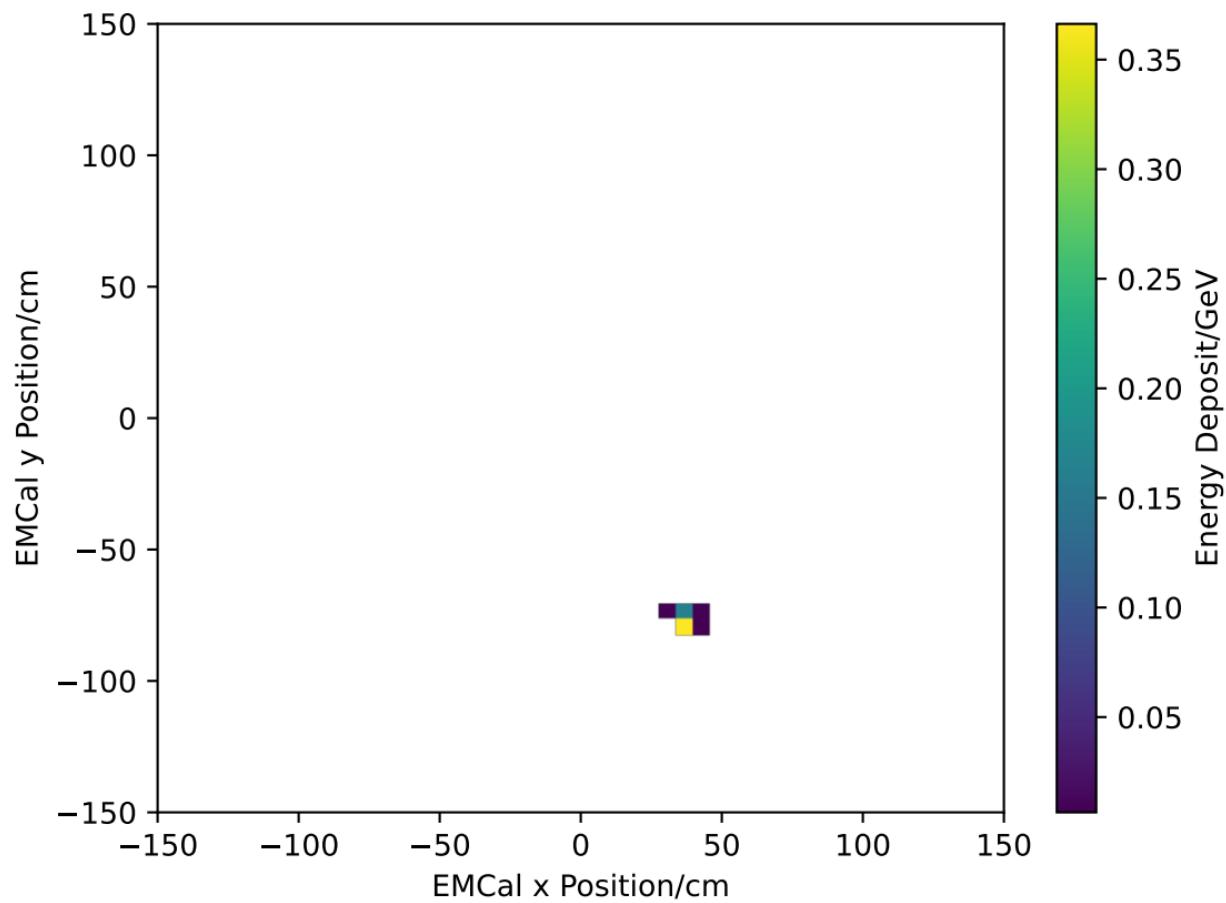


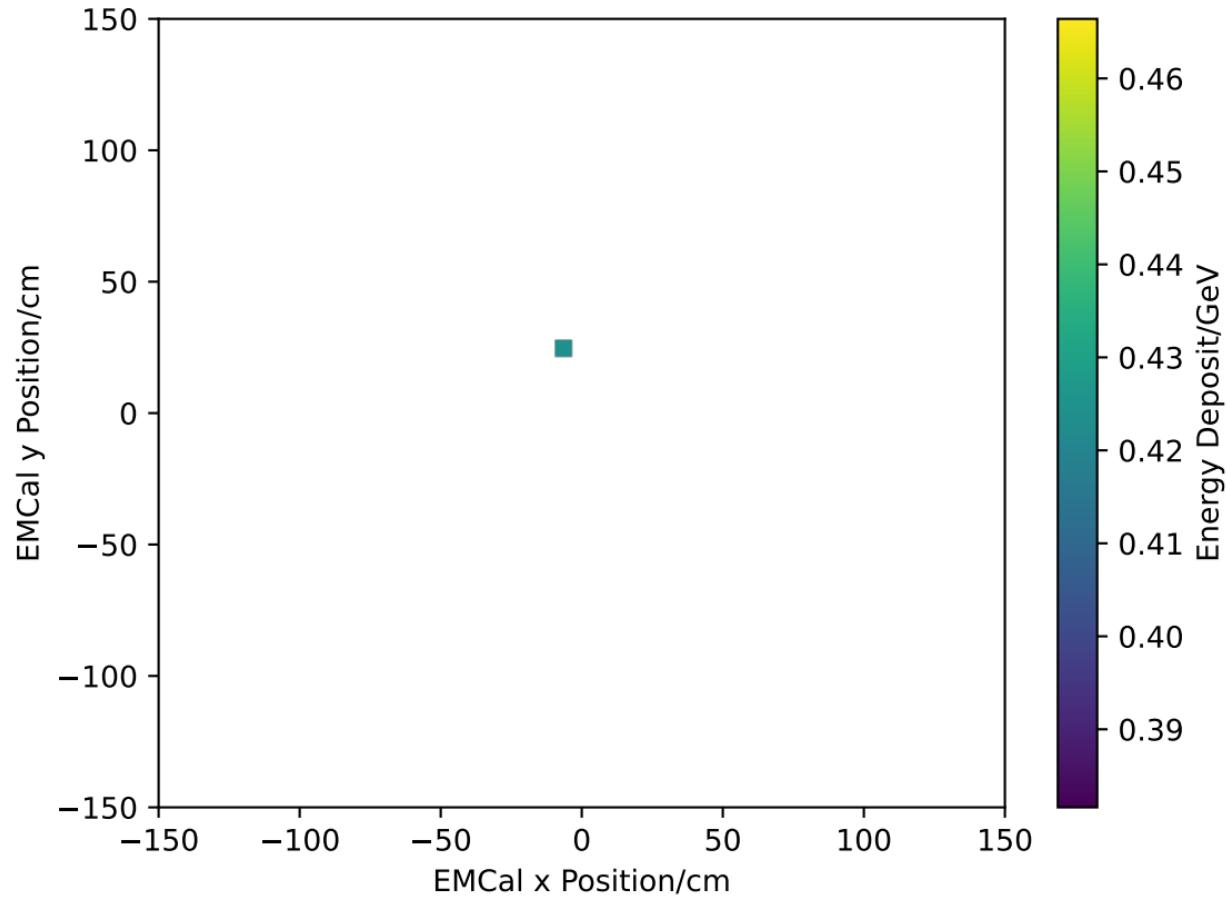


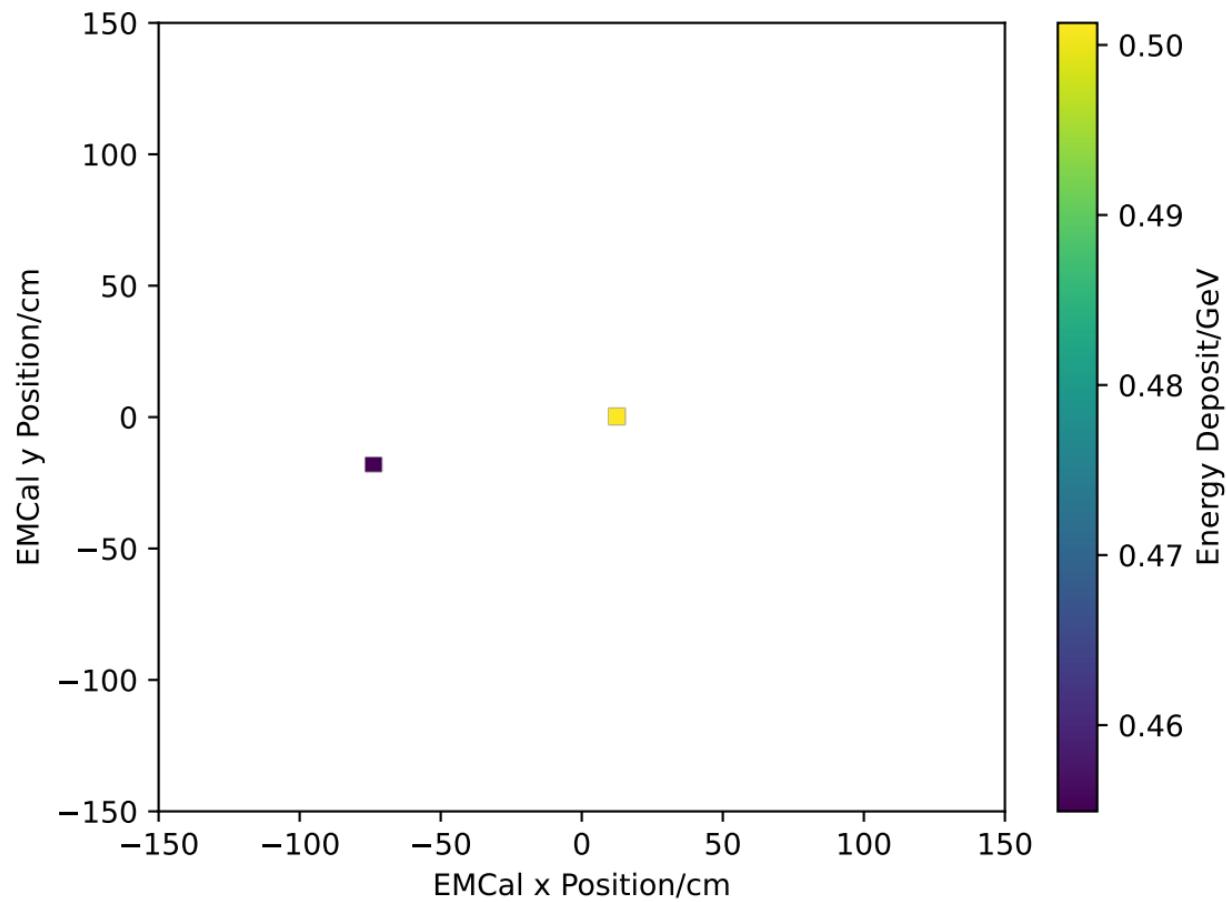


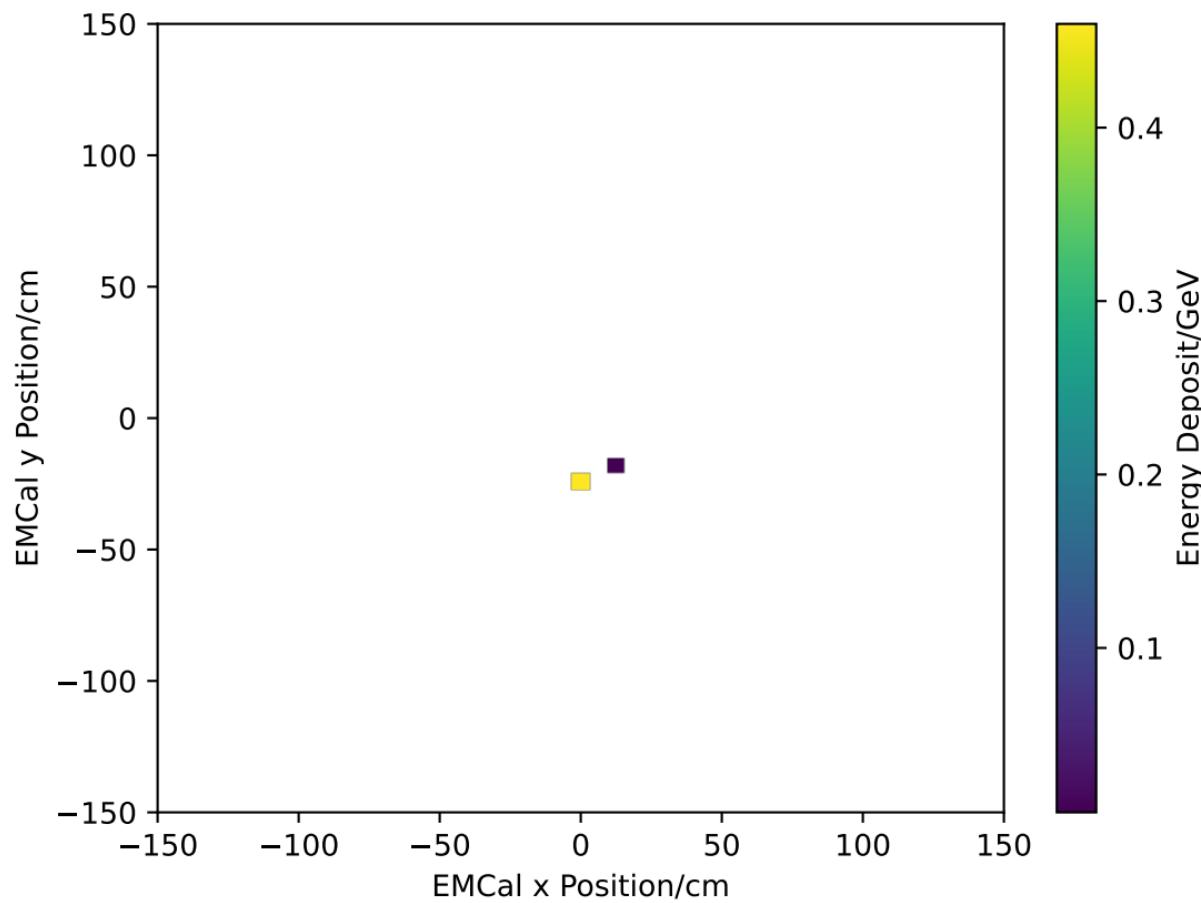


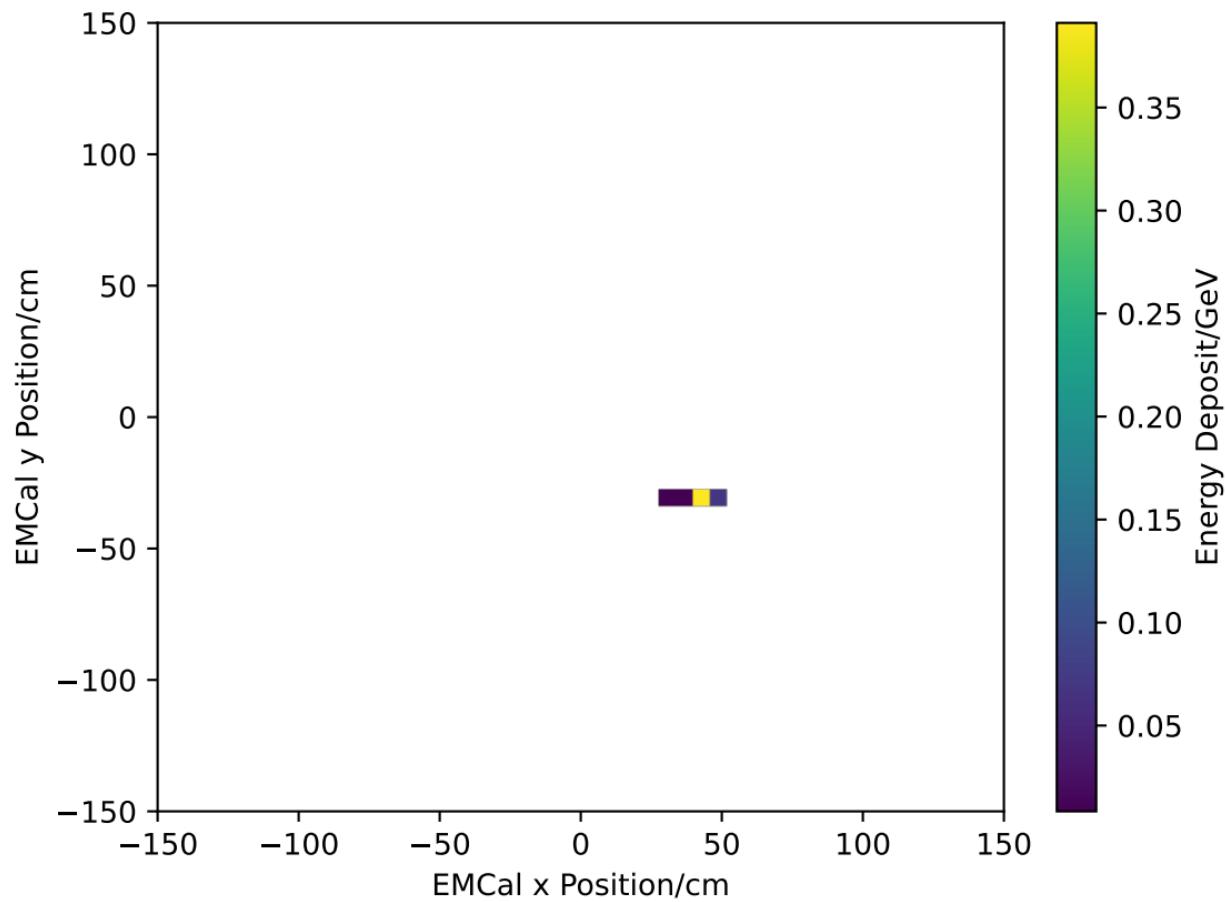


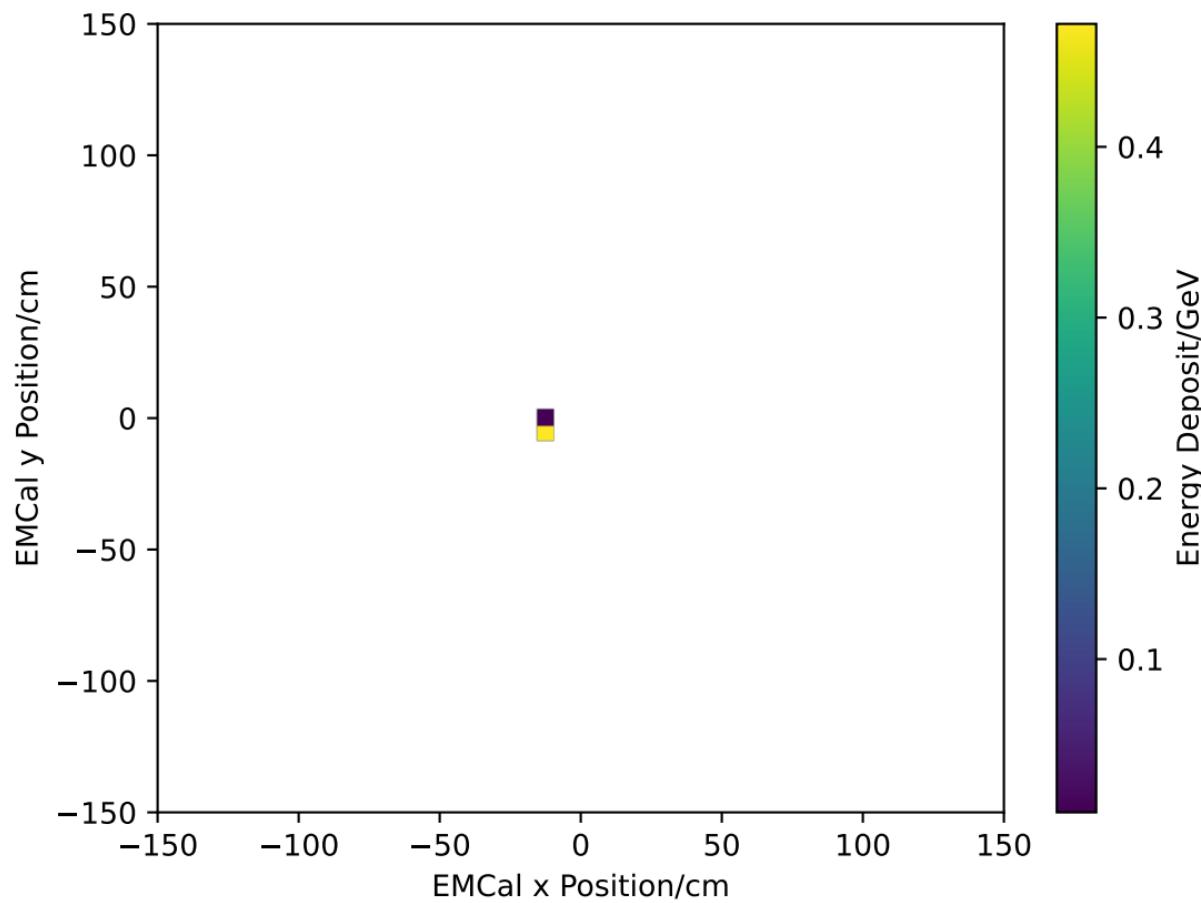


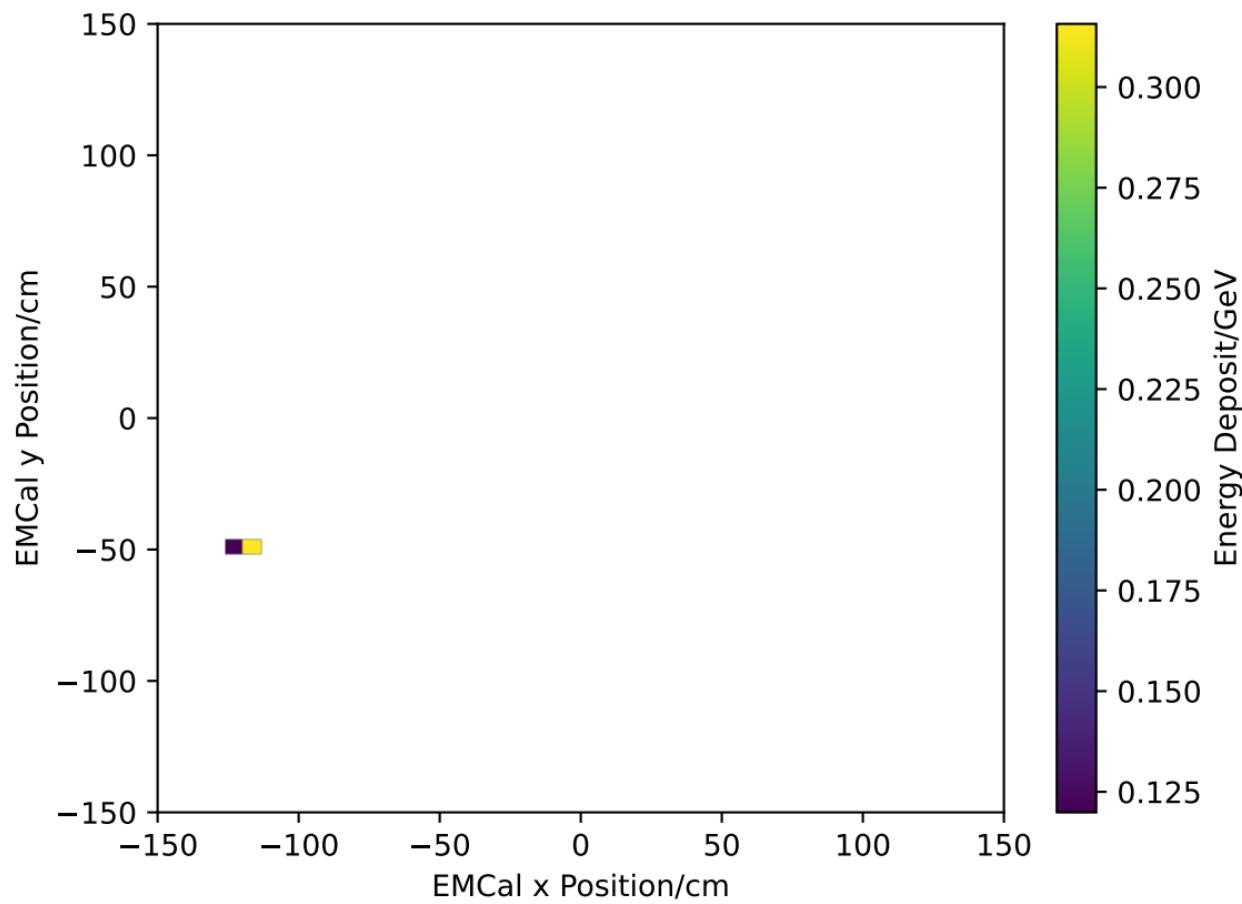


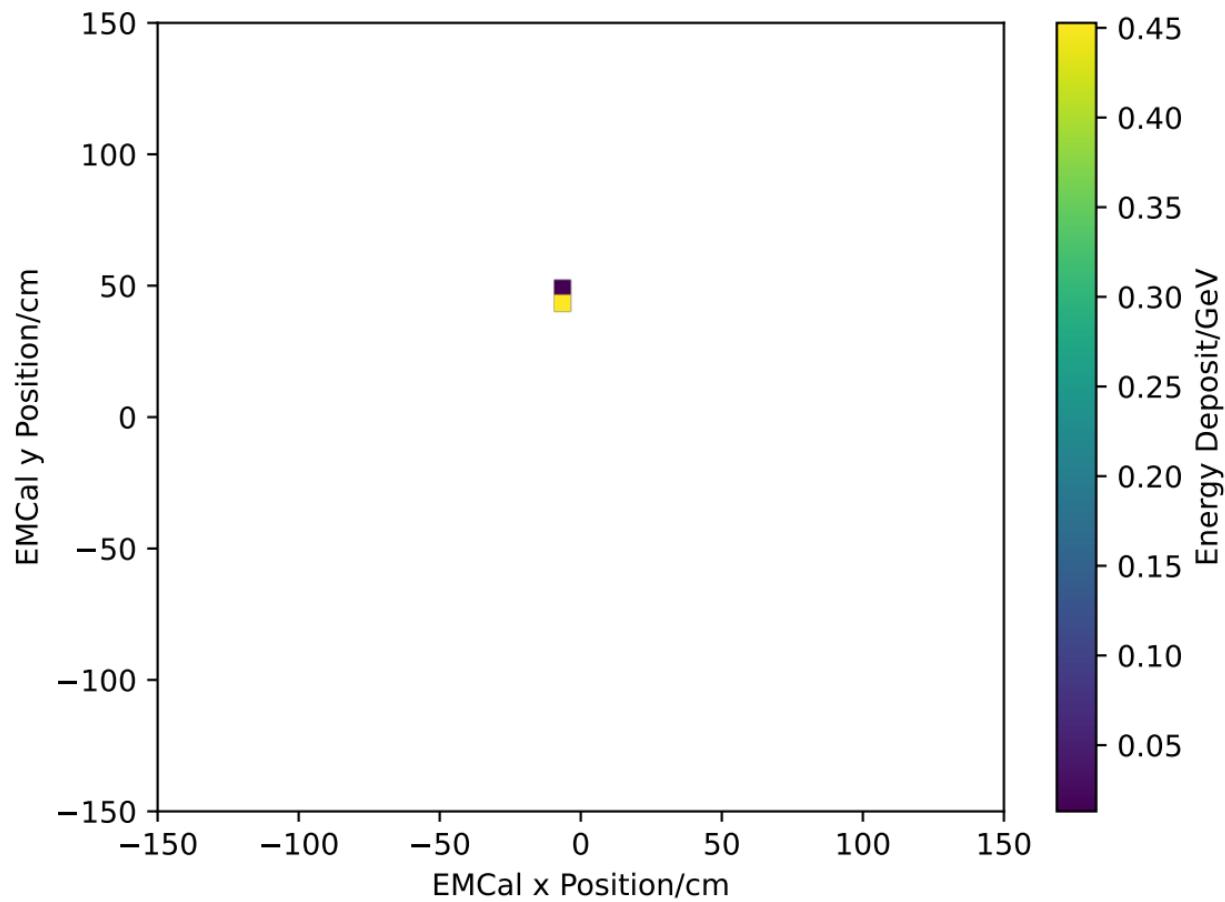


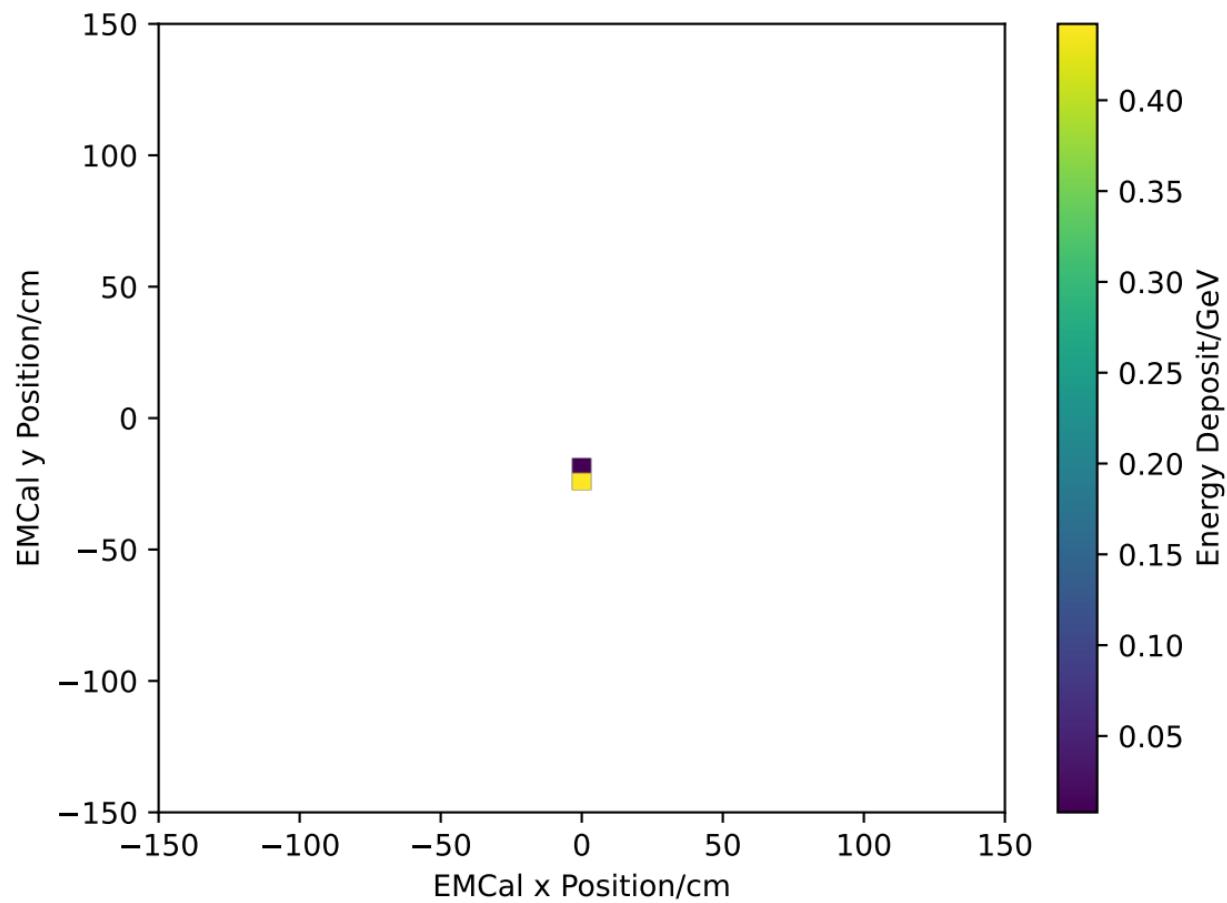


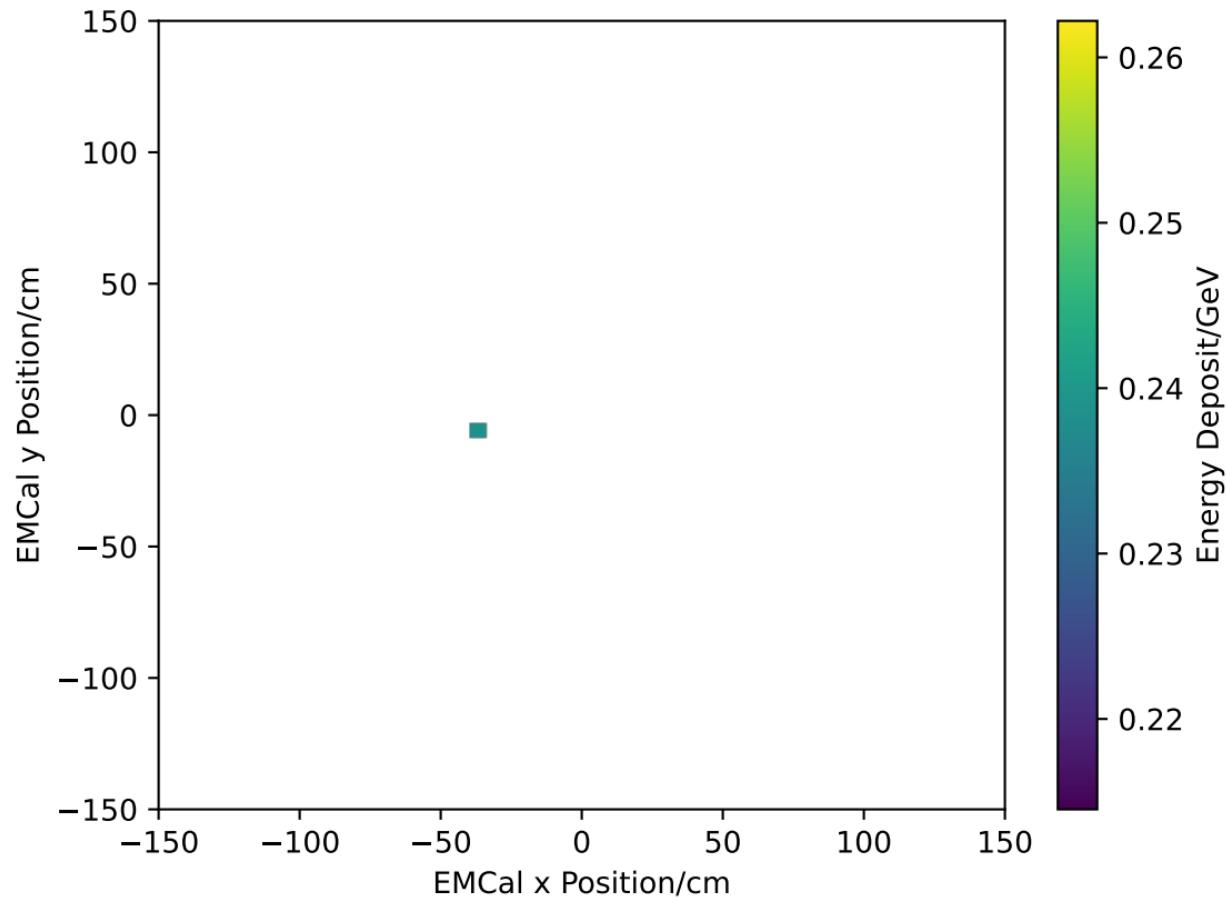












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

0.24

0.23

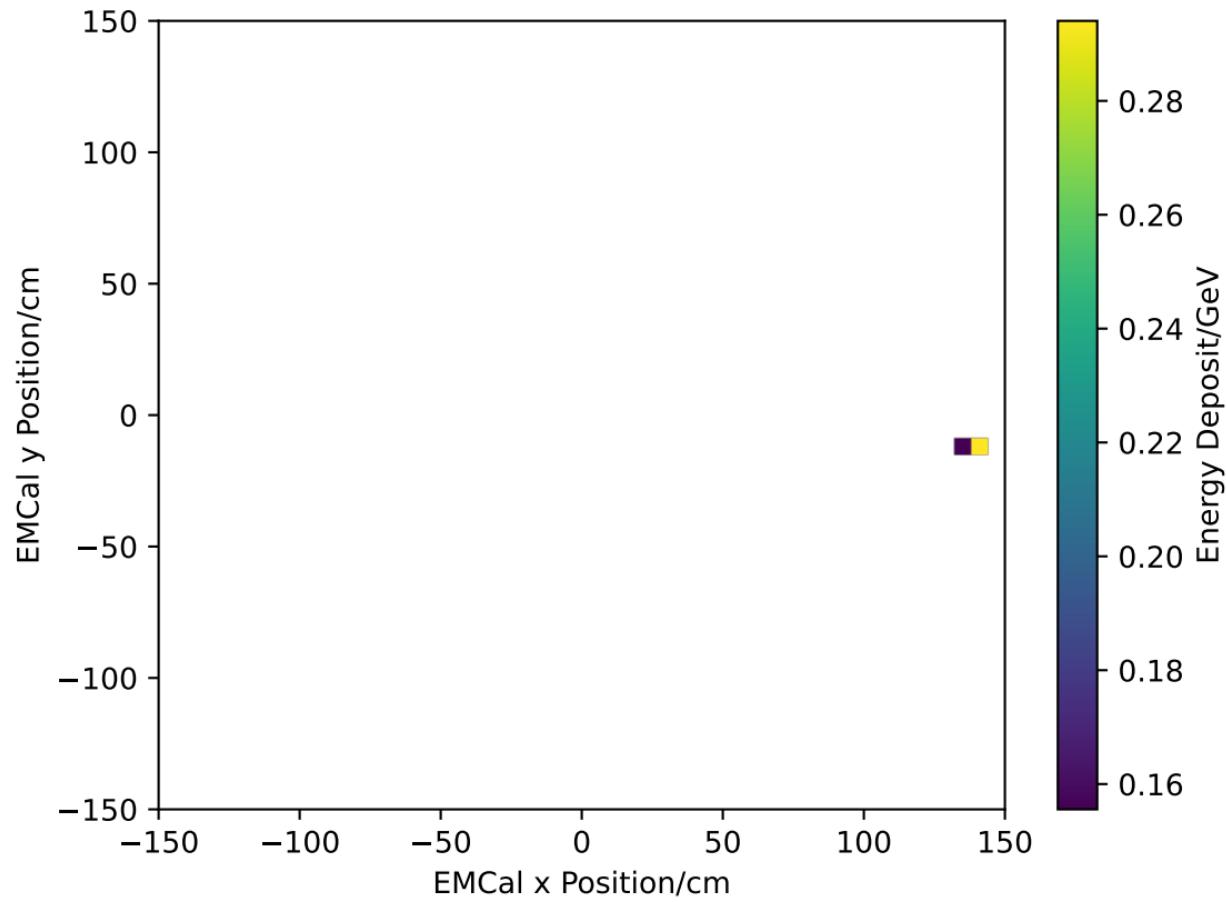
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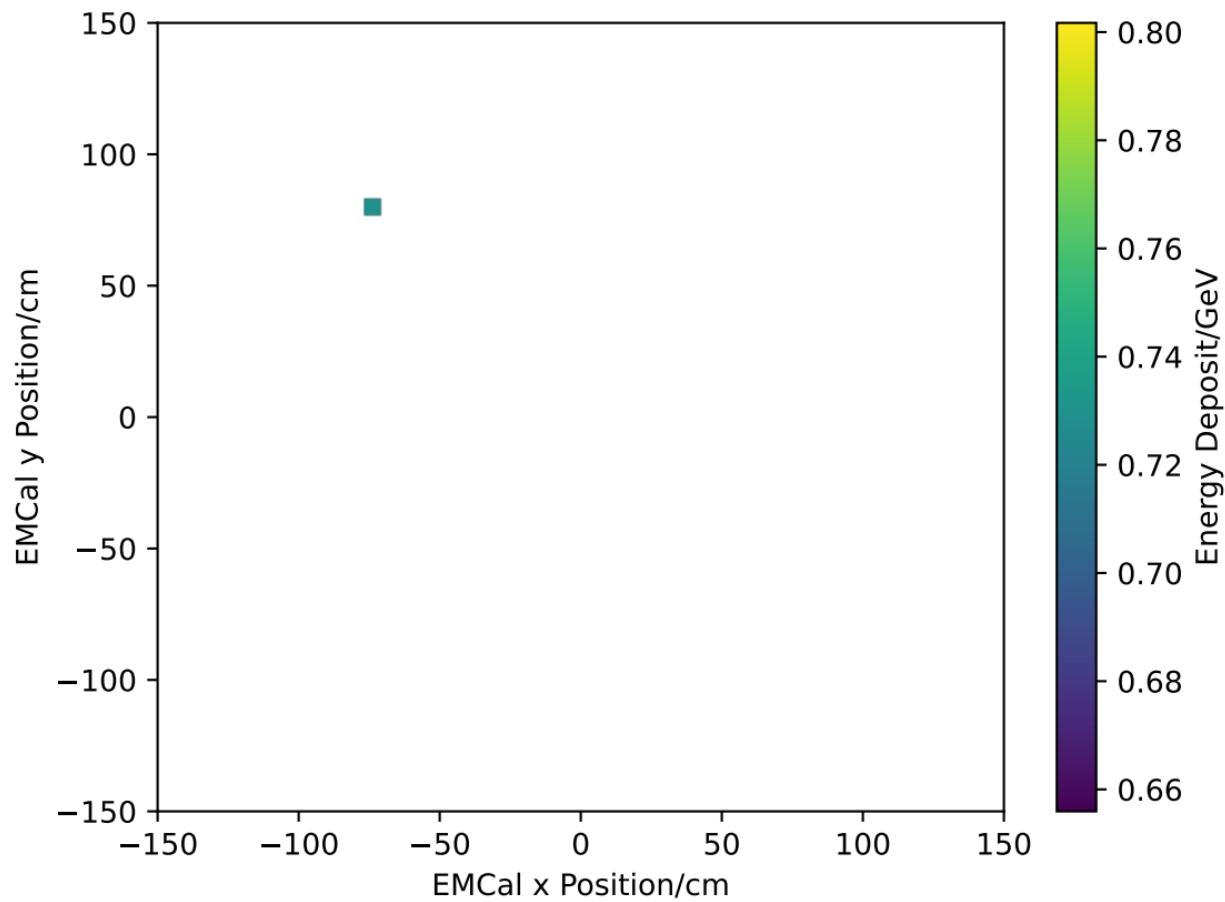
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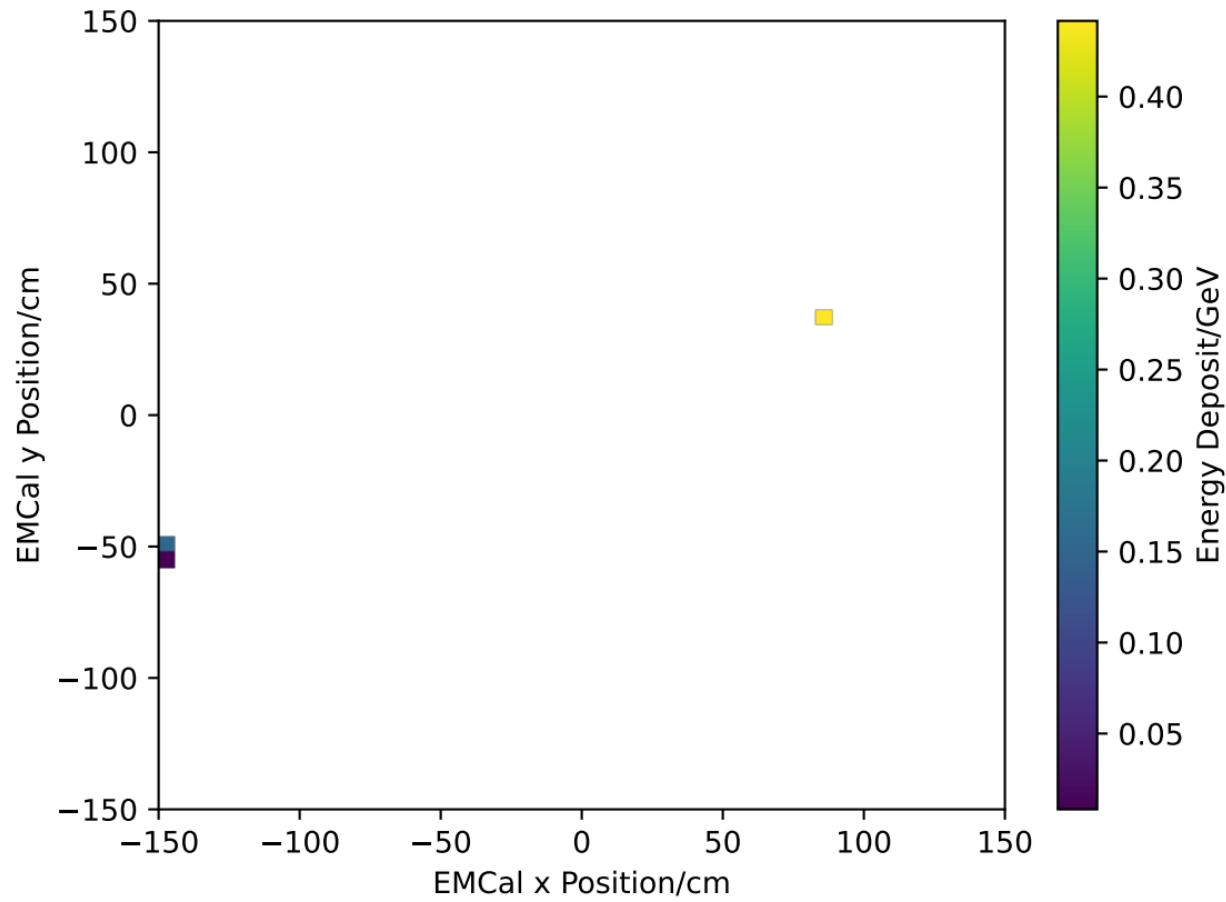
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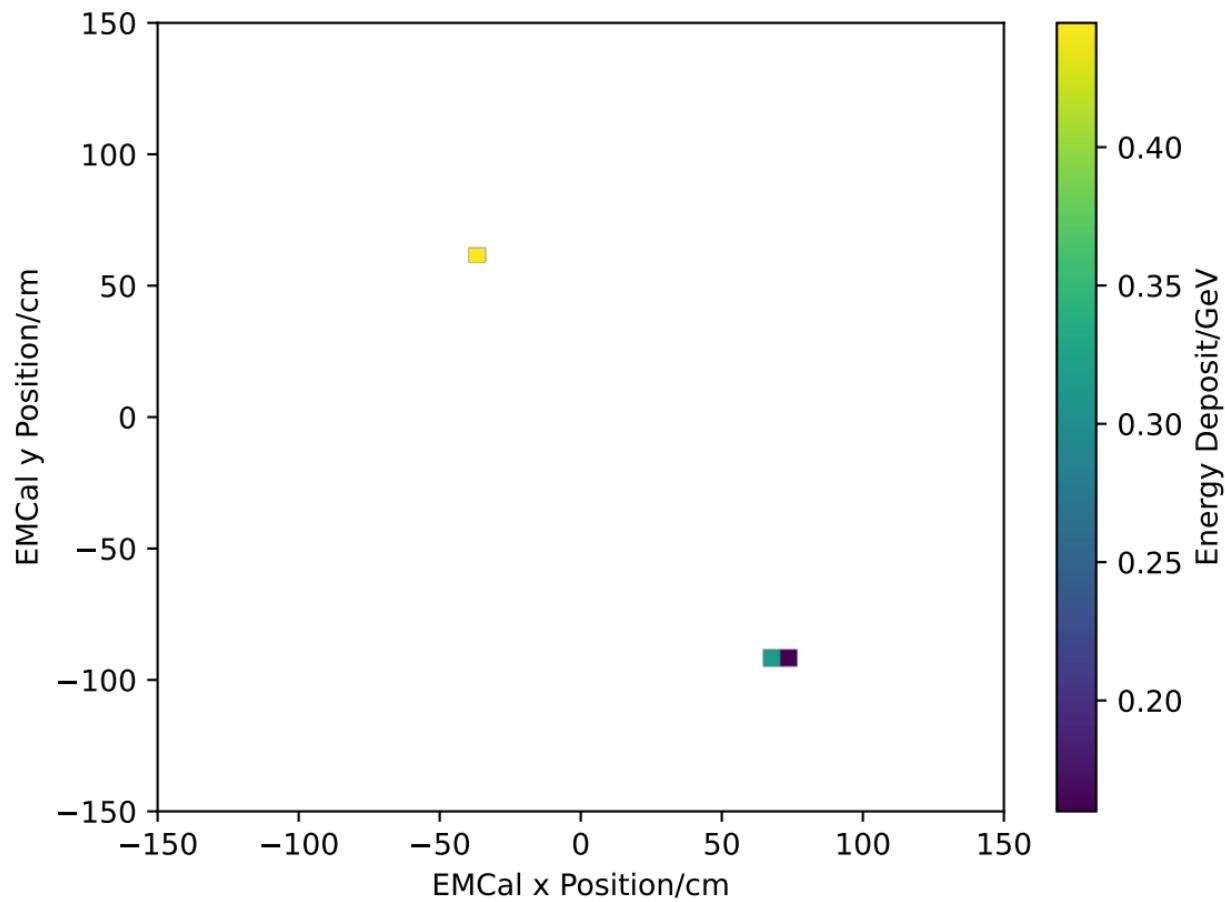
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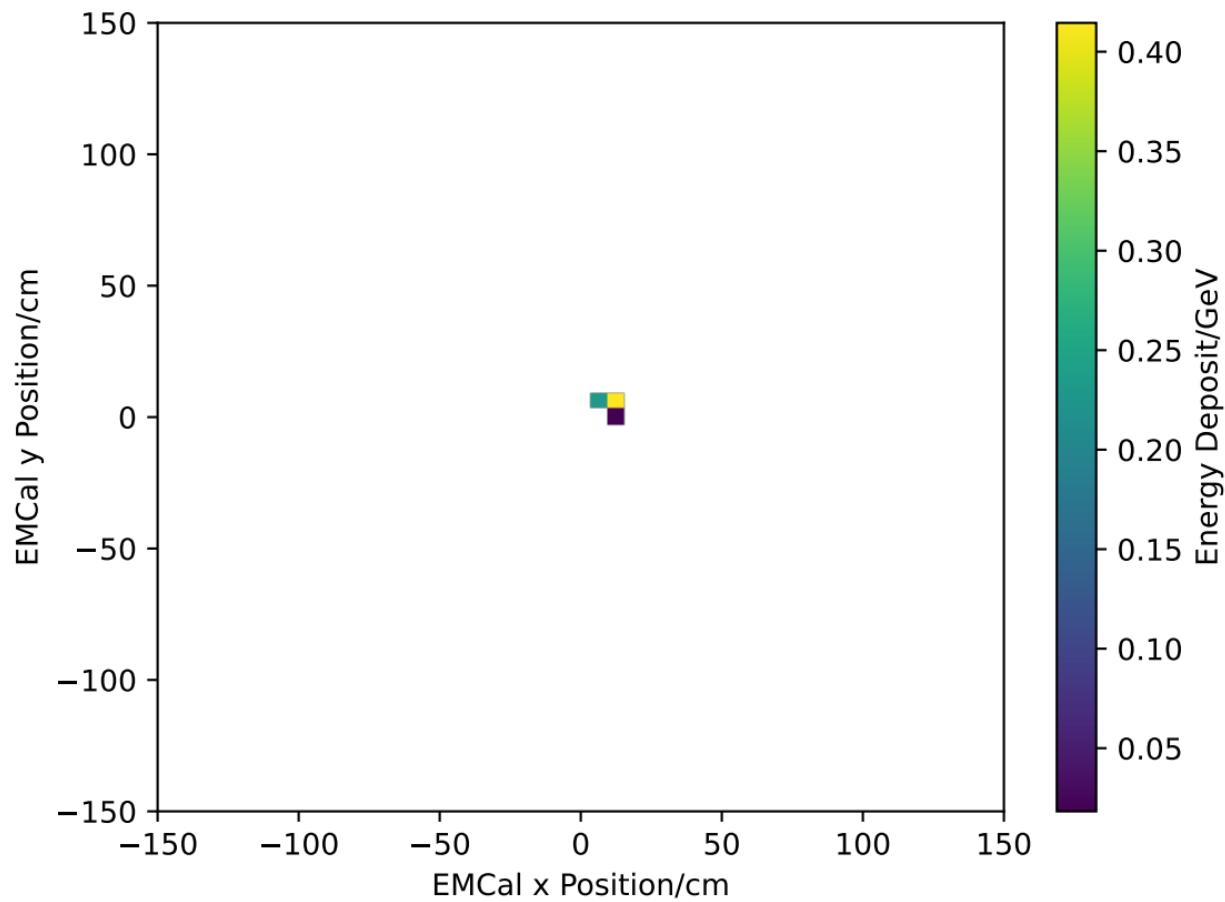
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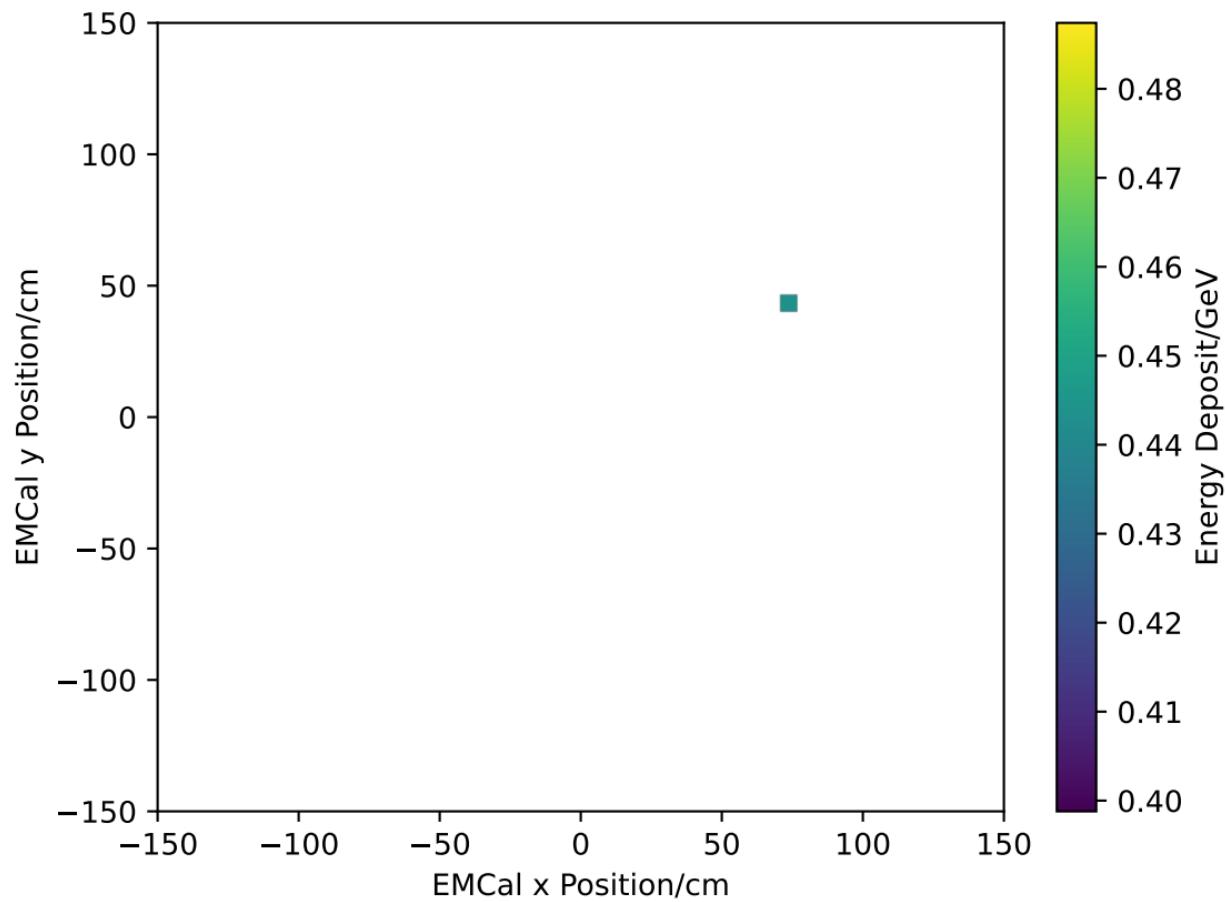


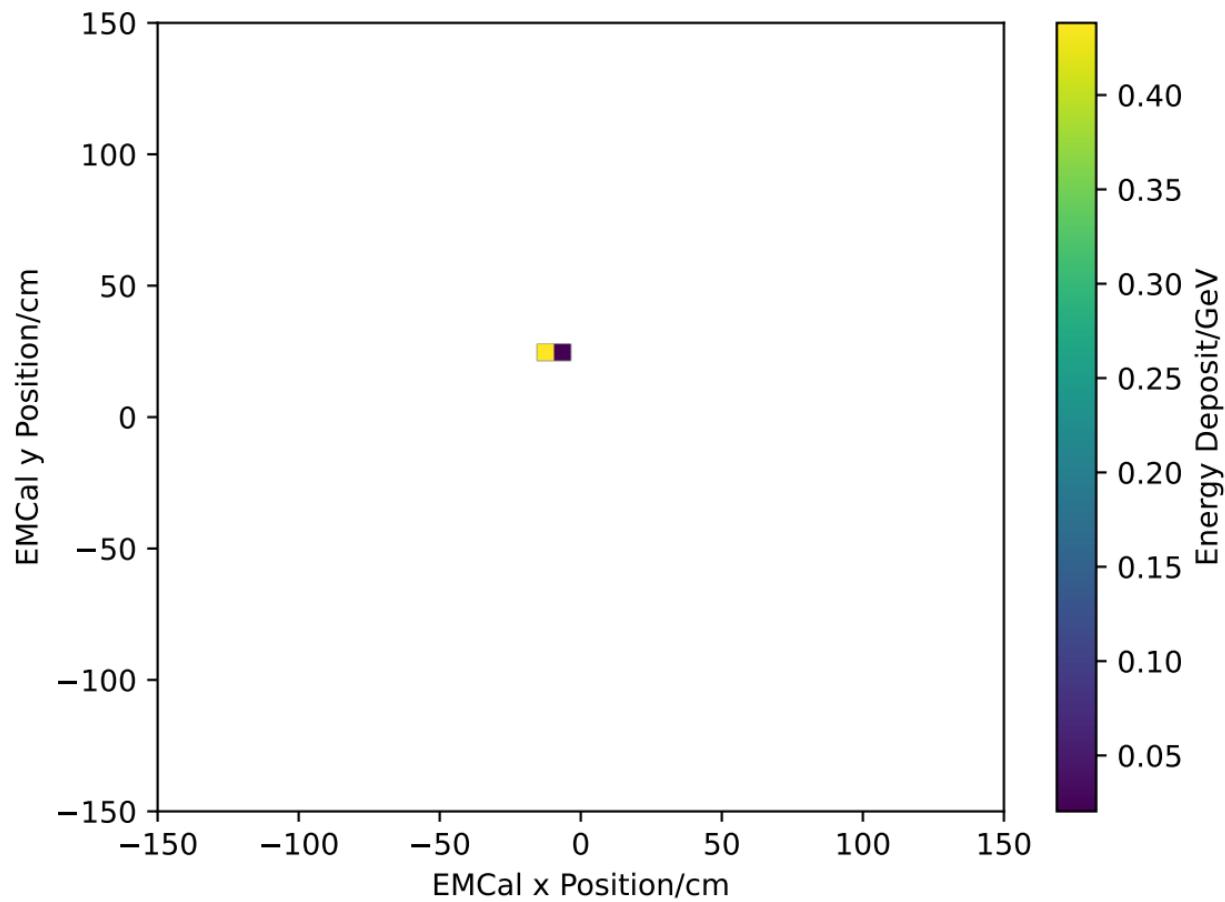


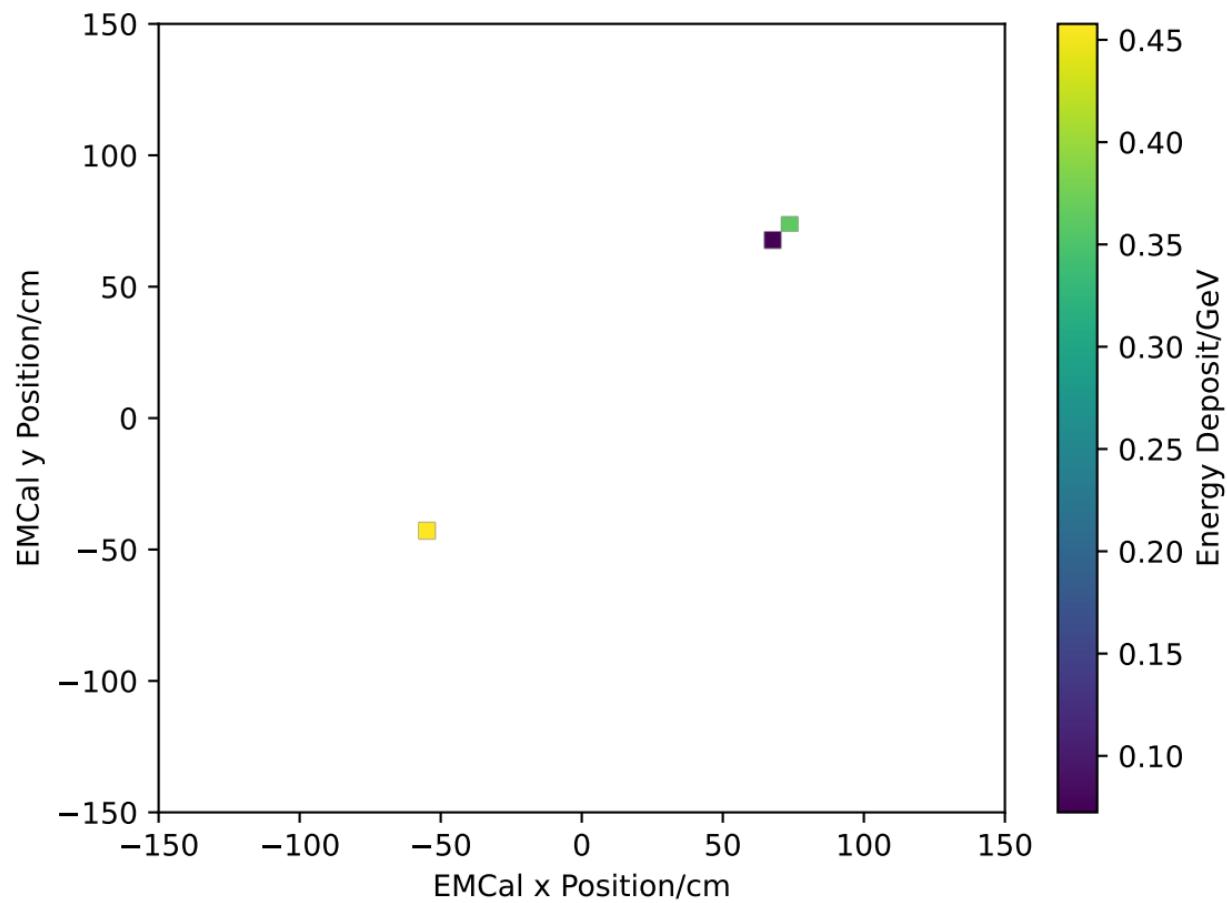


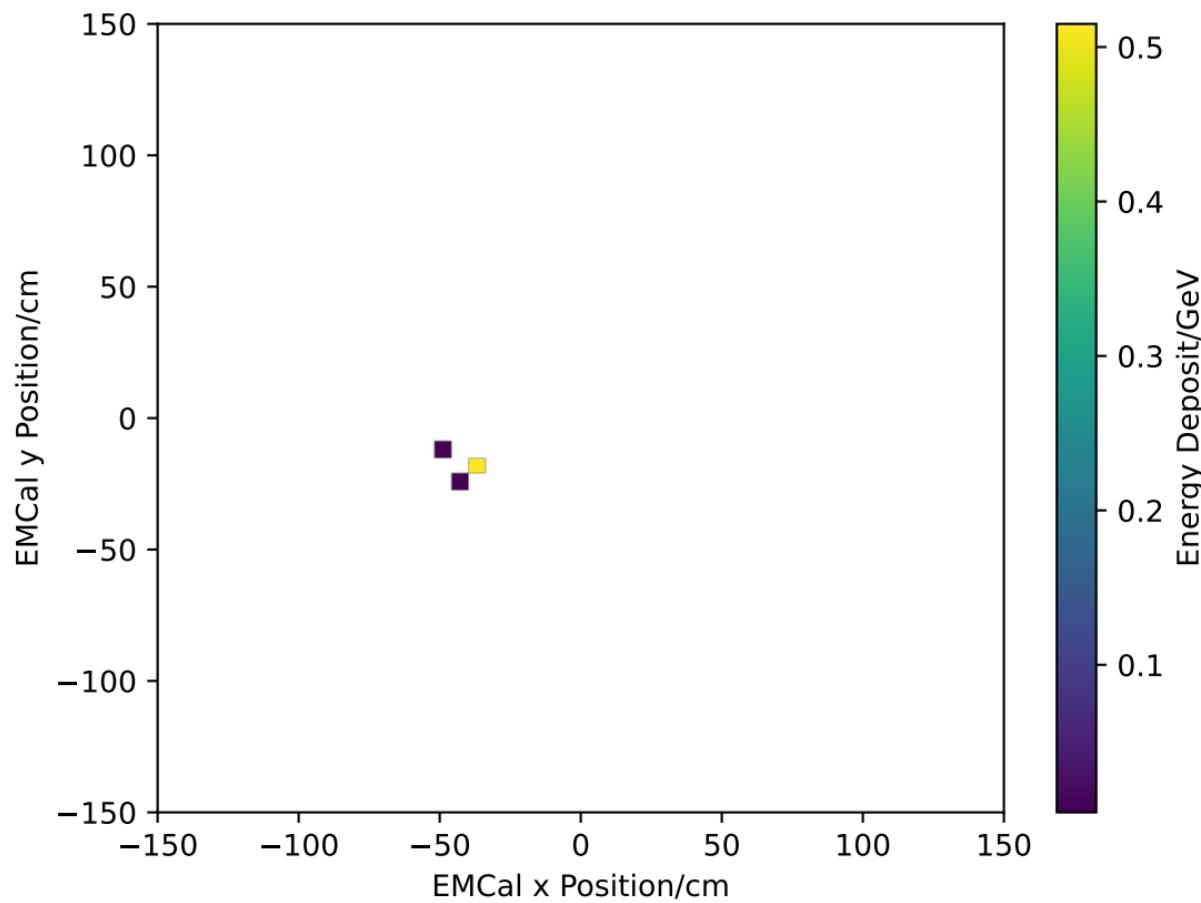


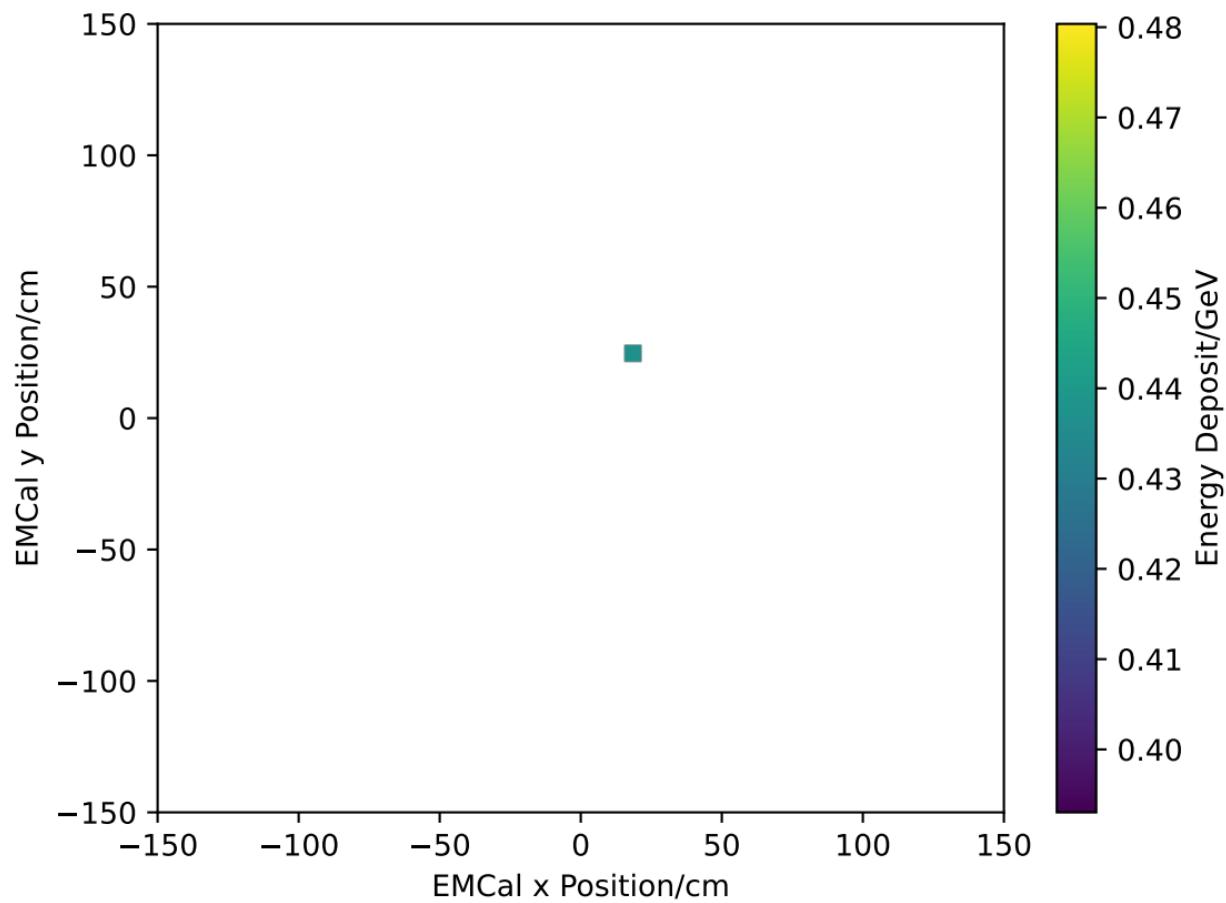


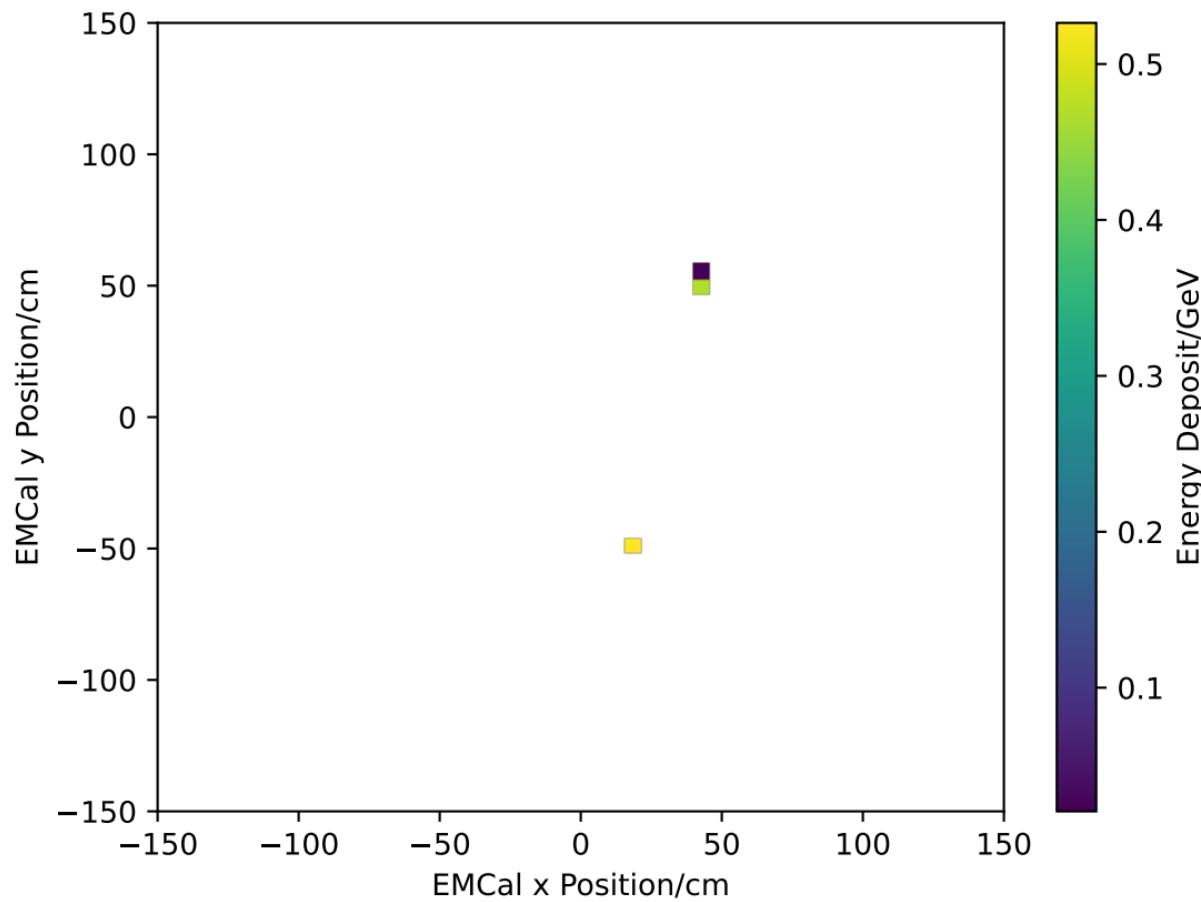


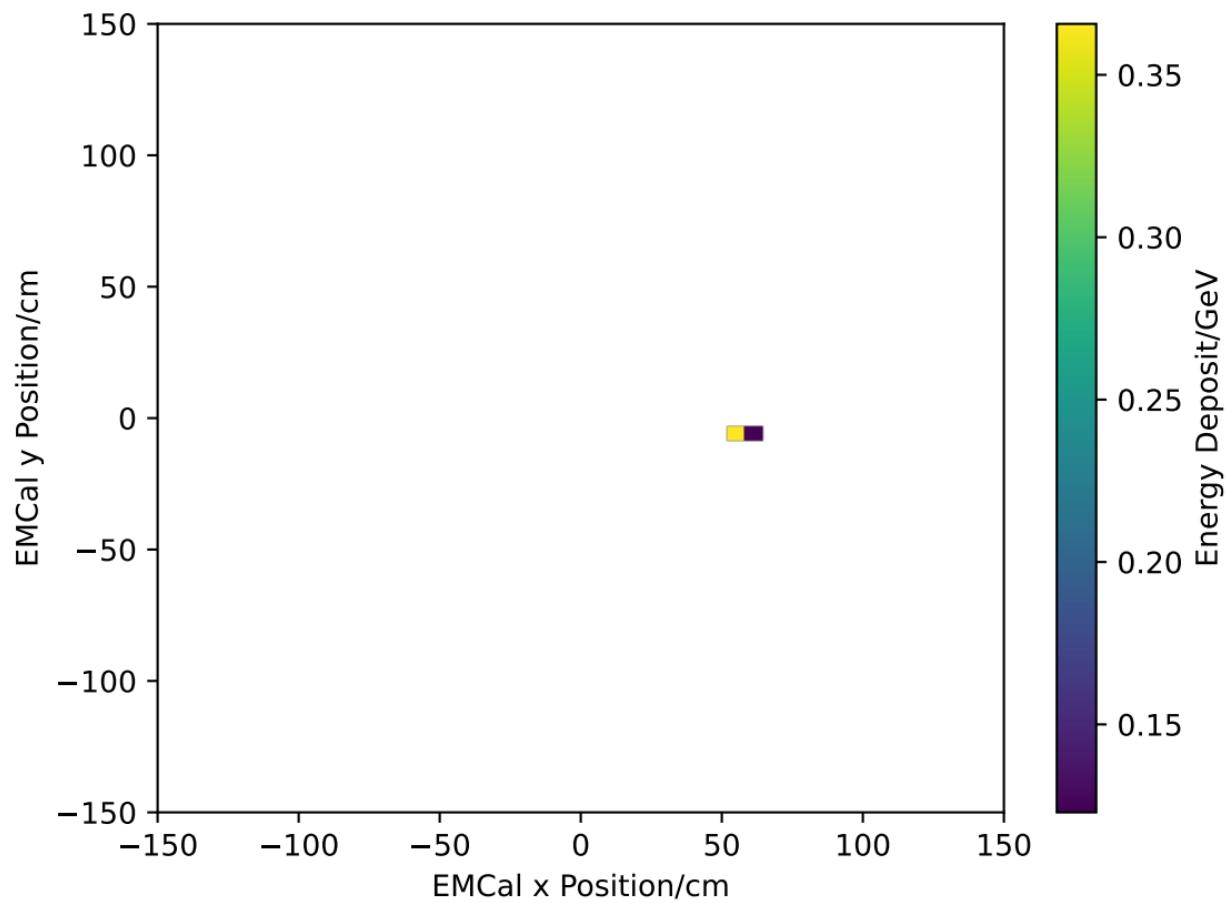


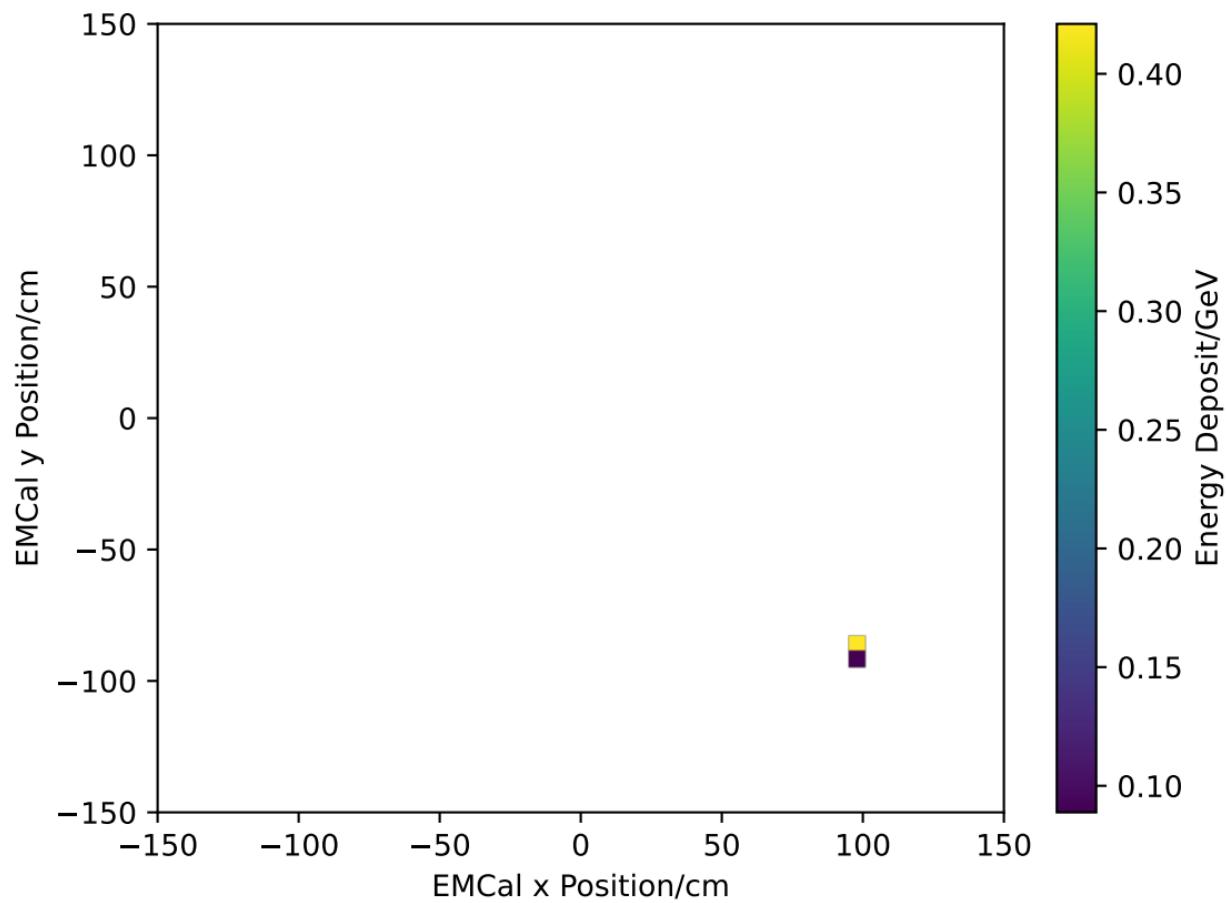


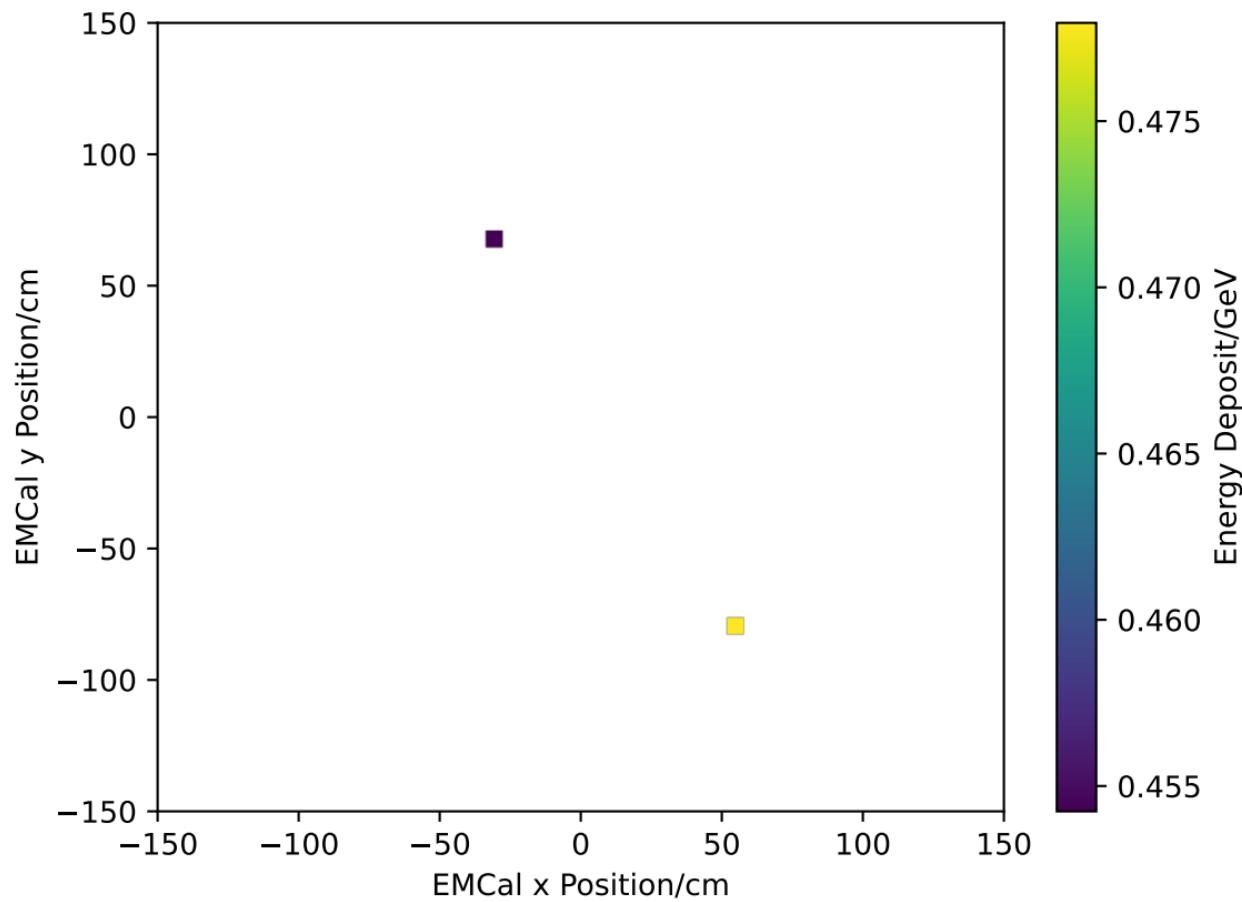


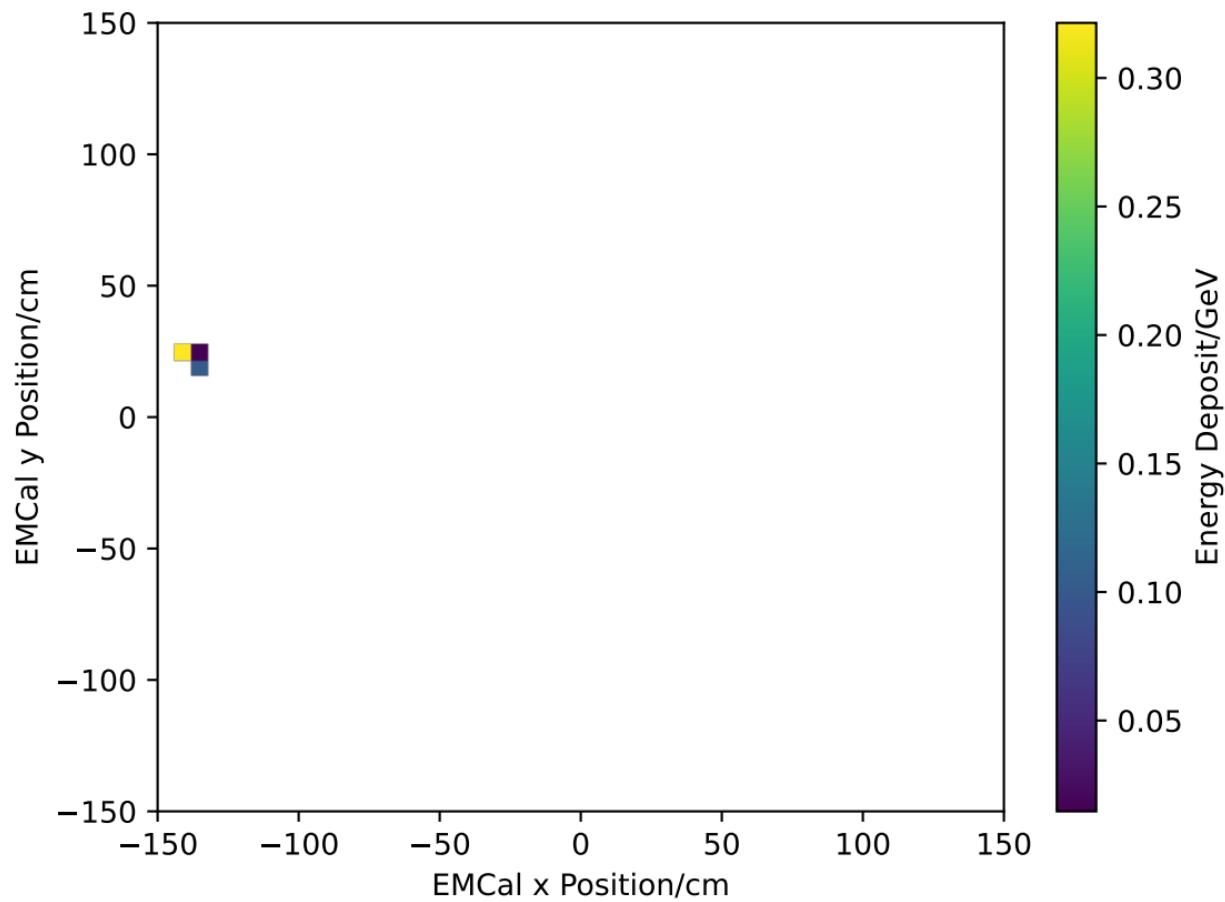


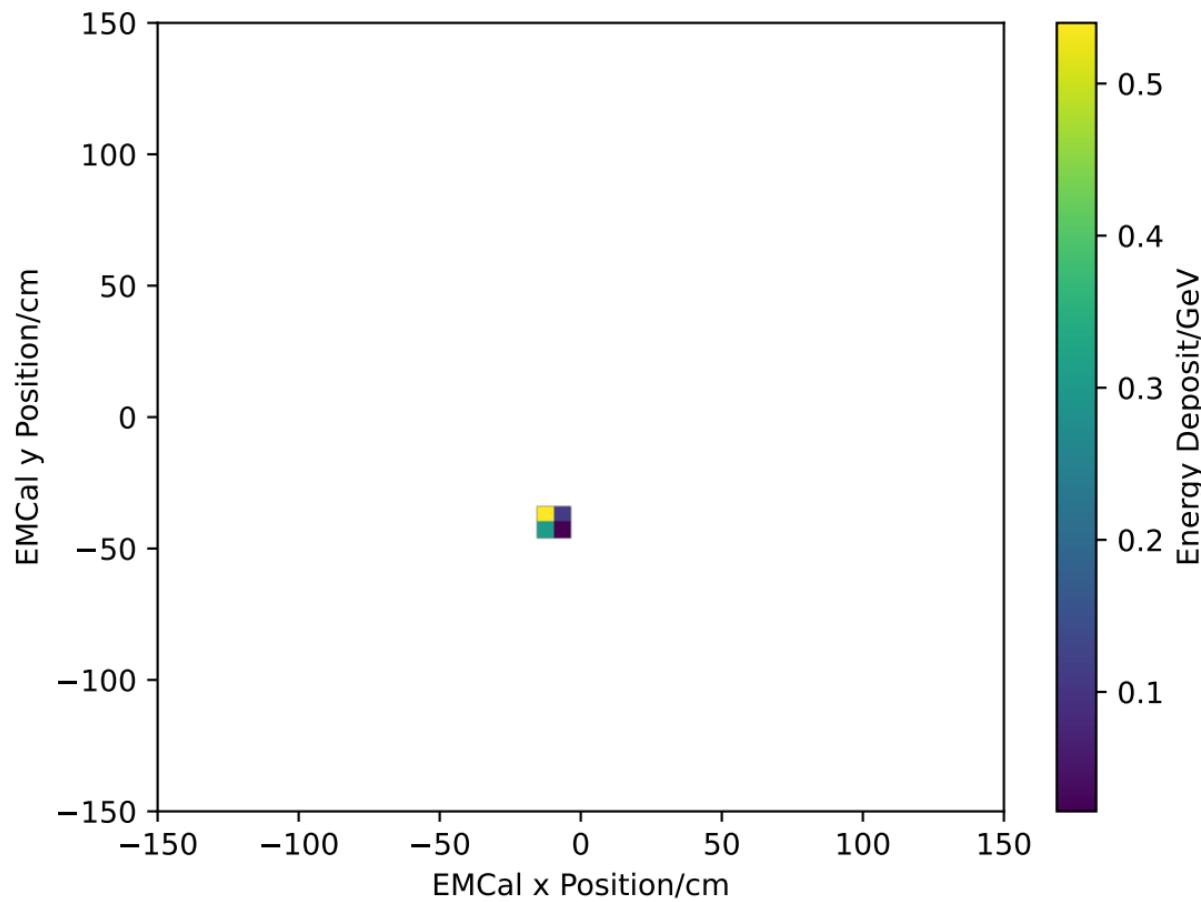


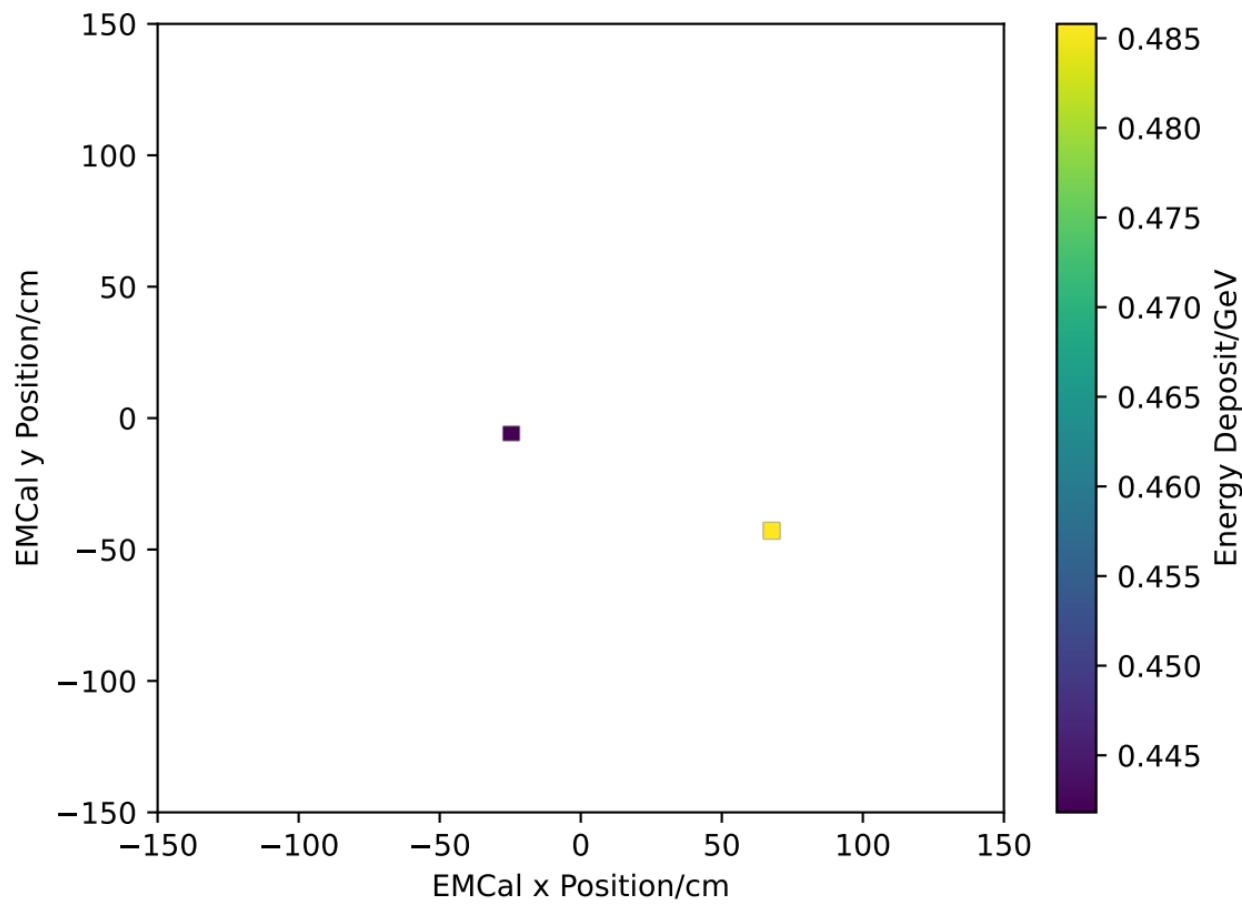




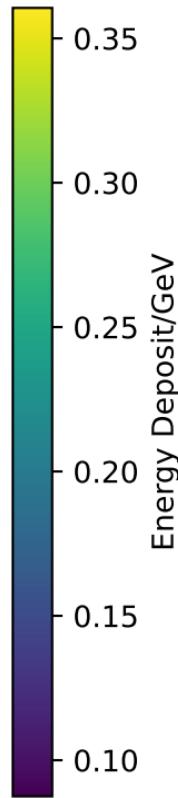
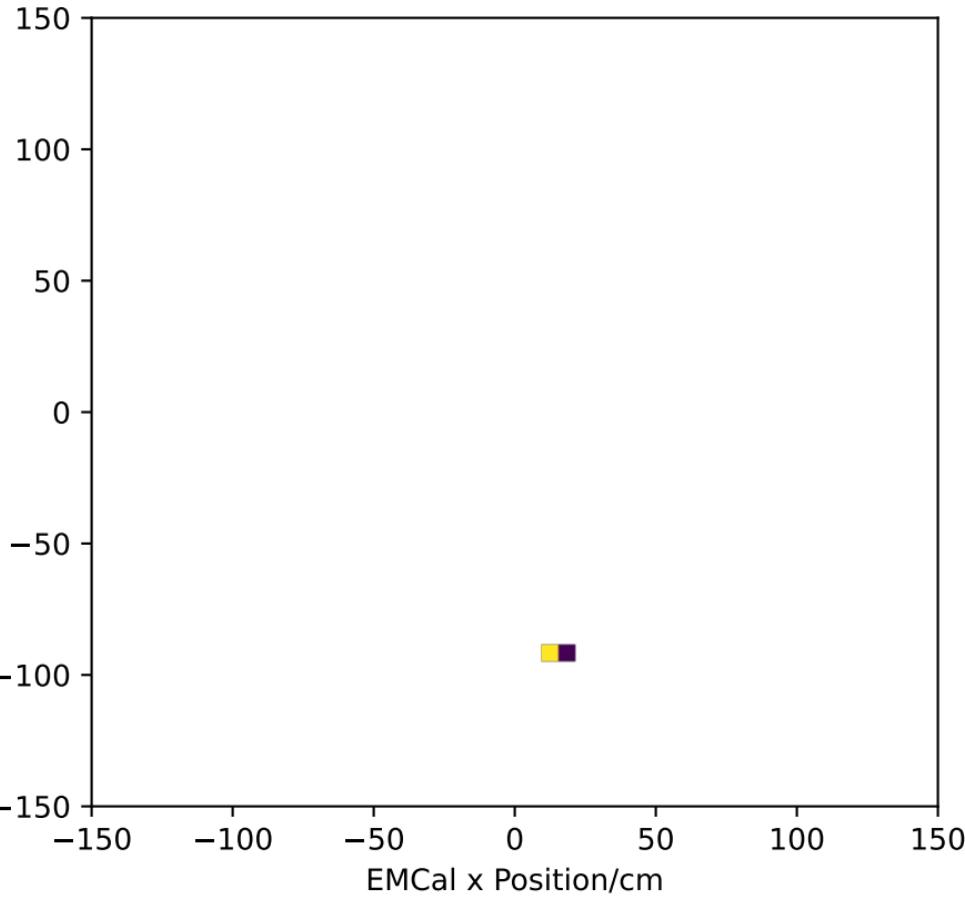




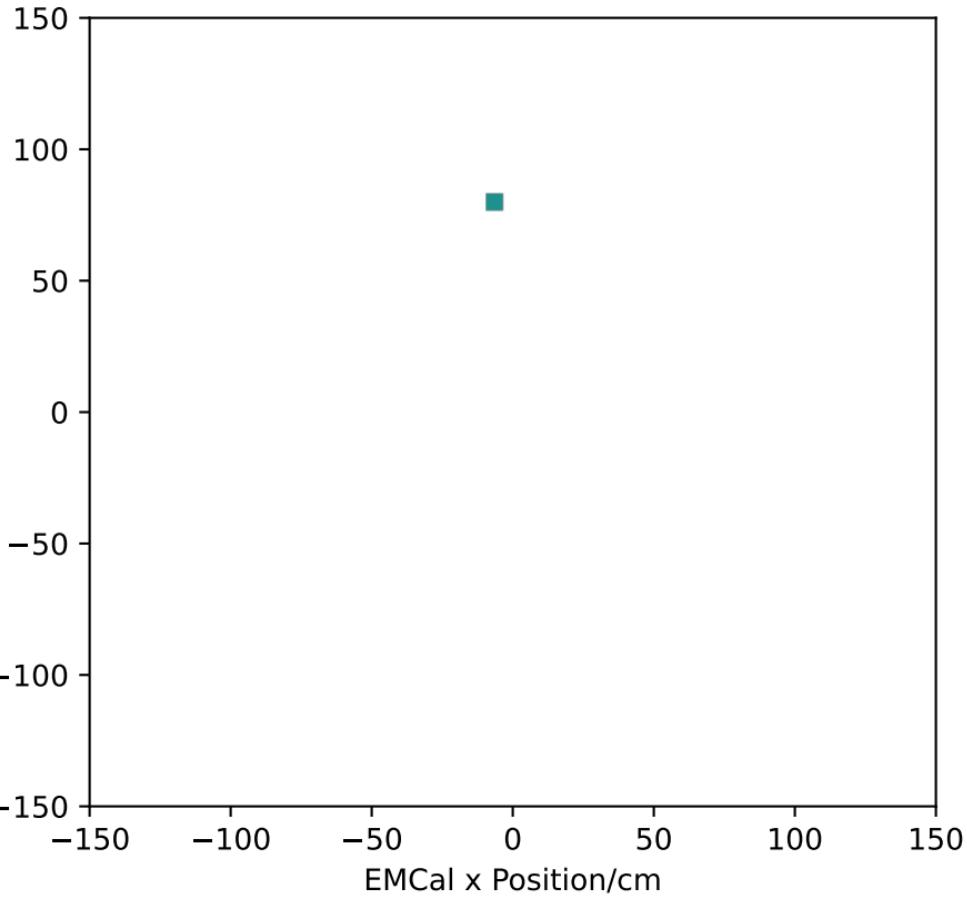


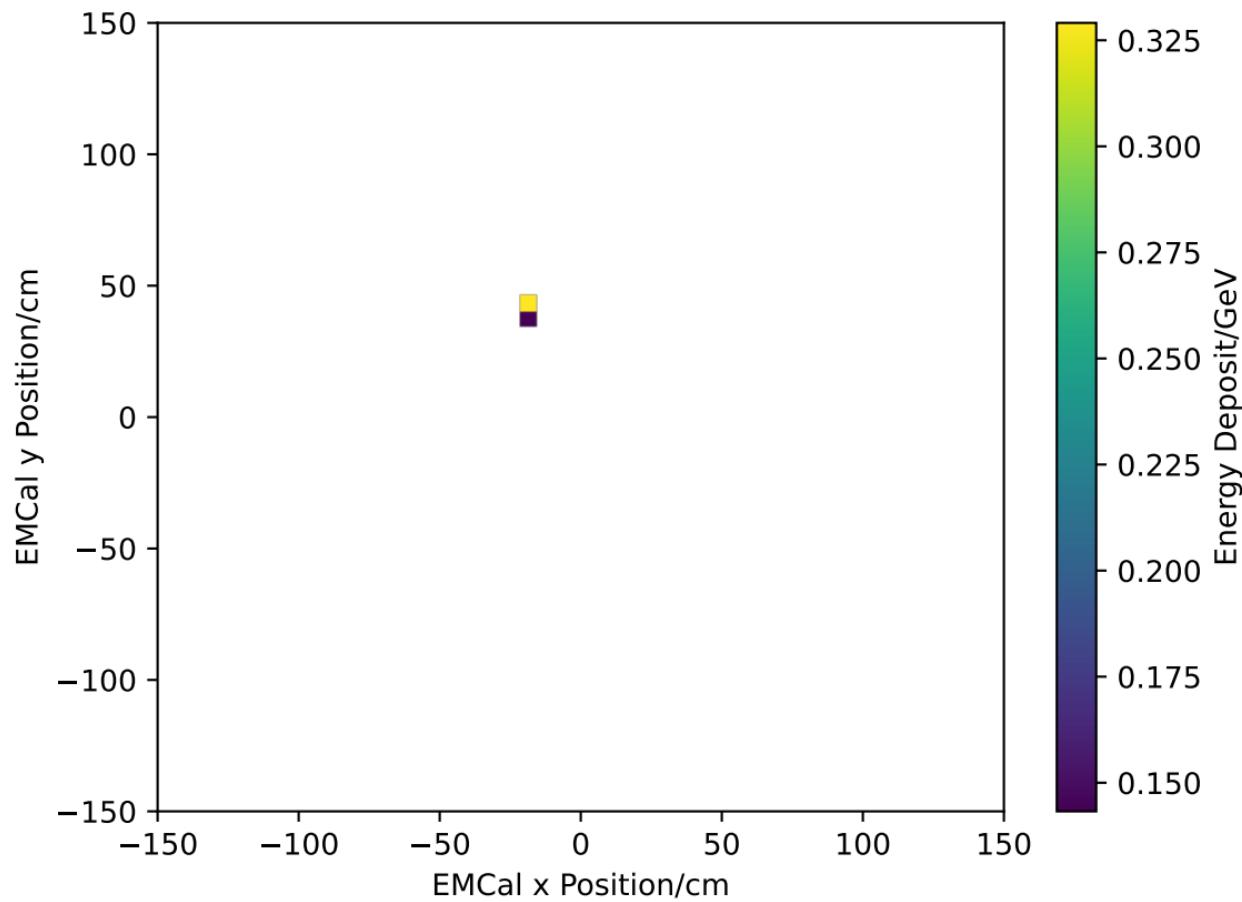


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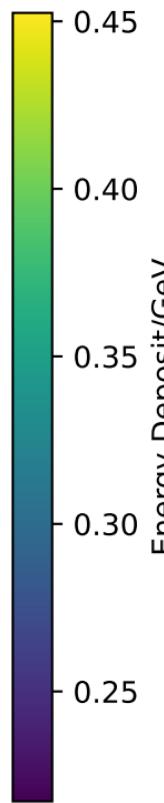
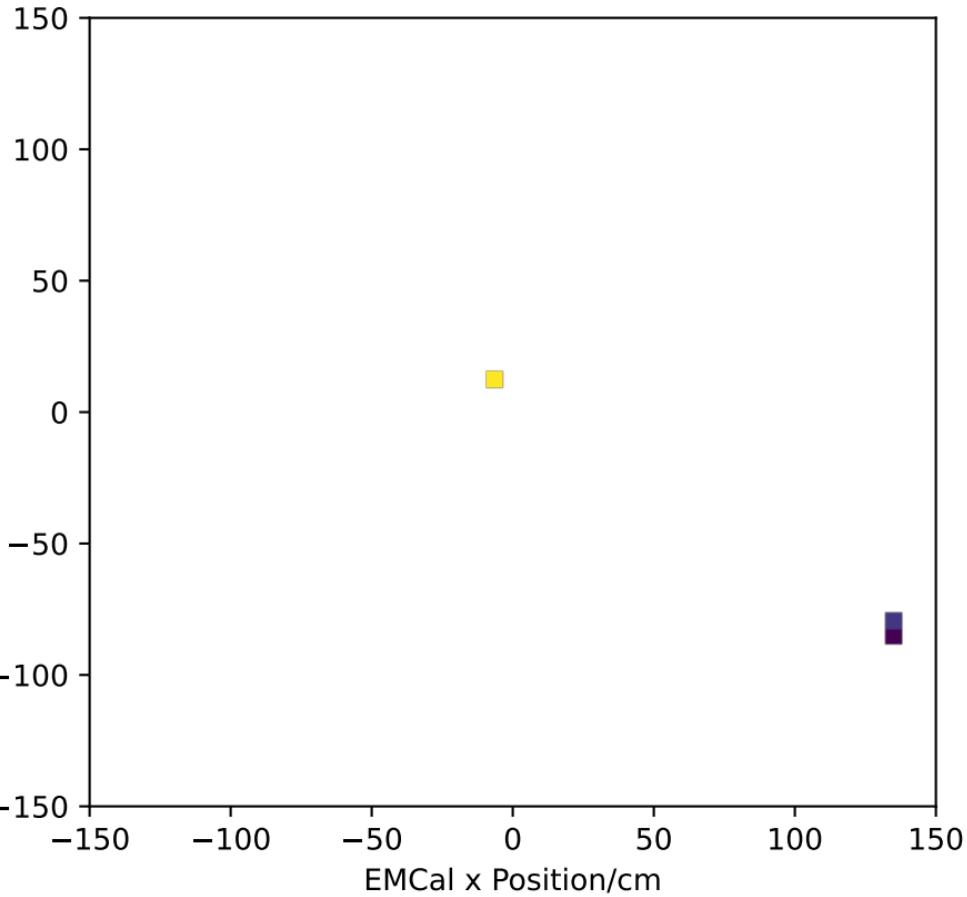


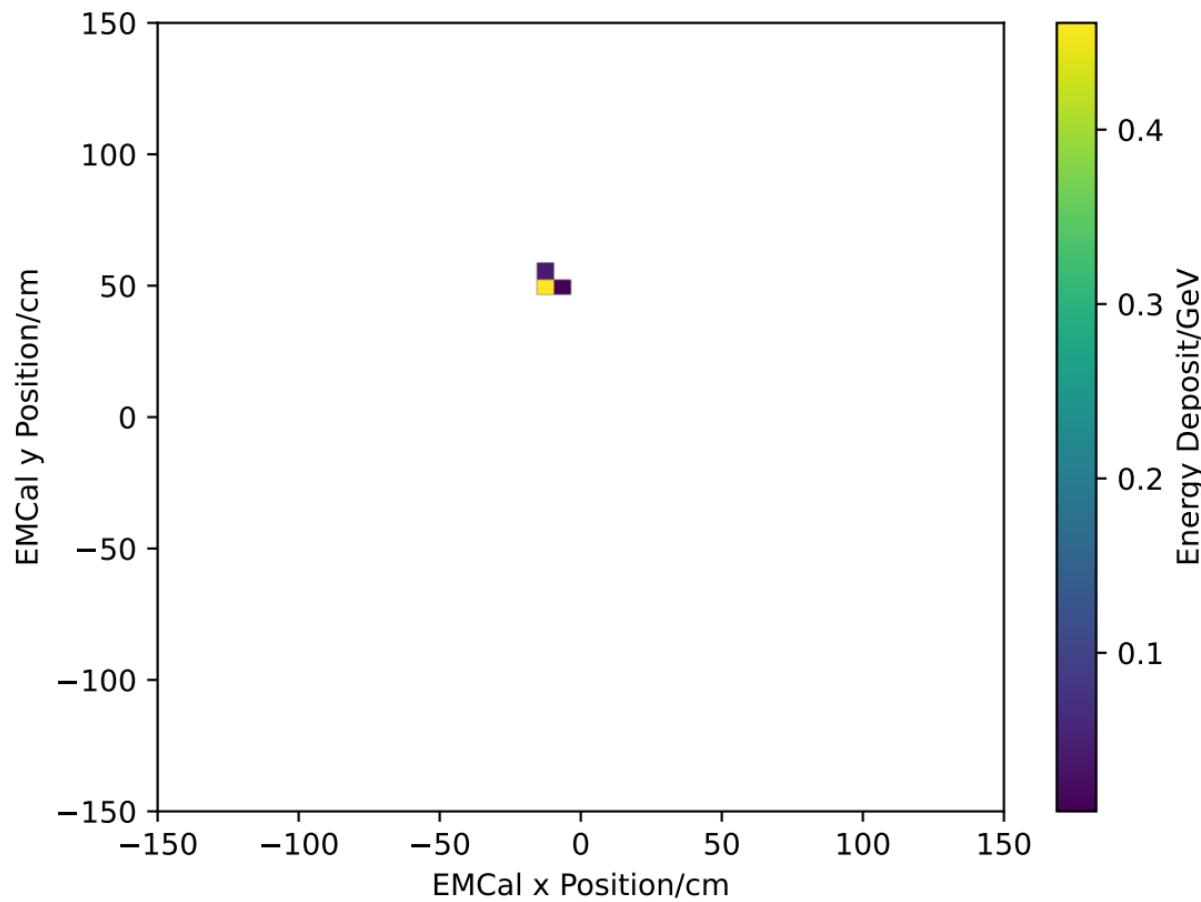
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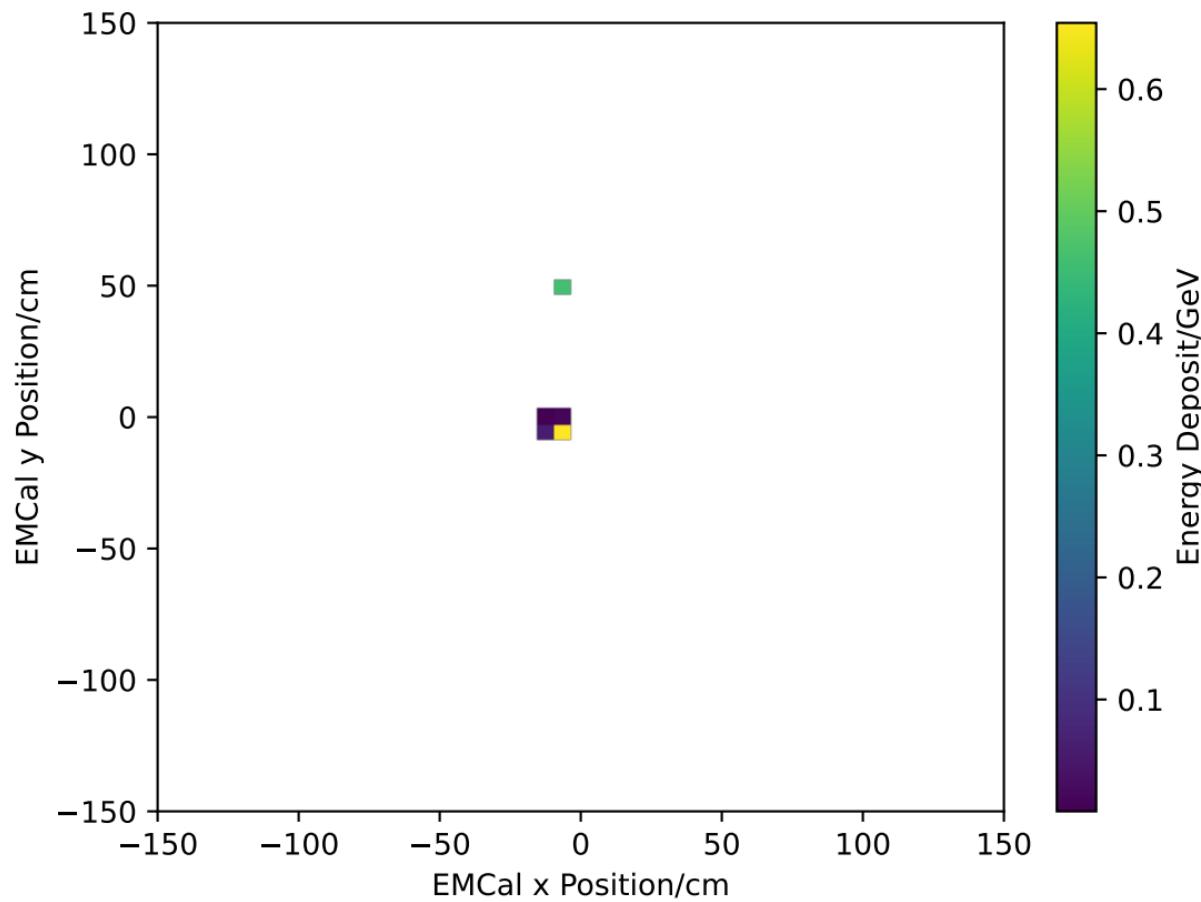


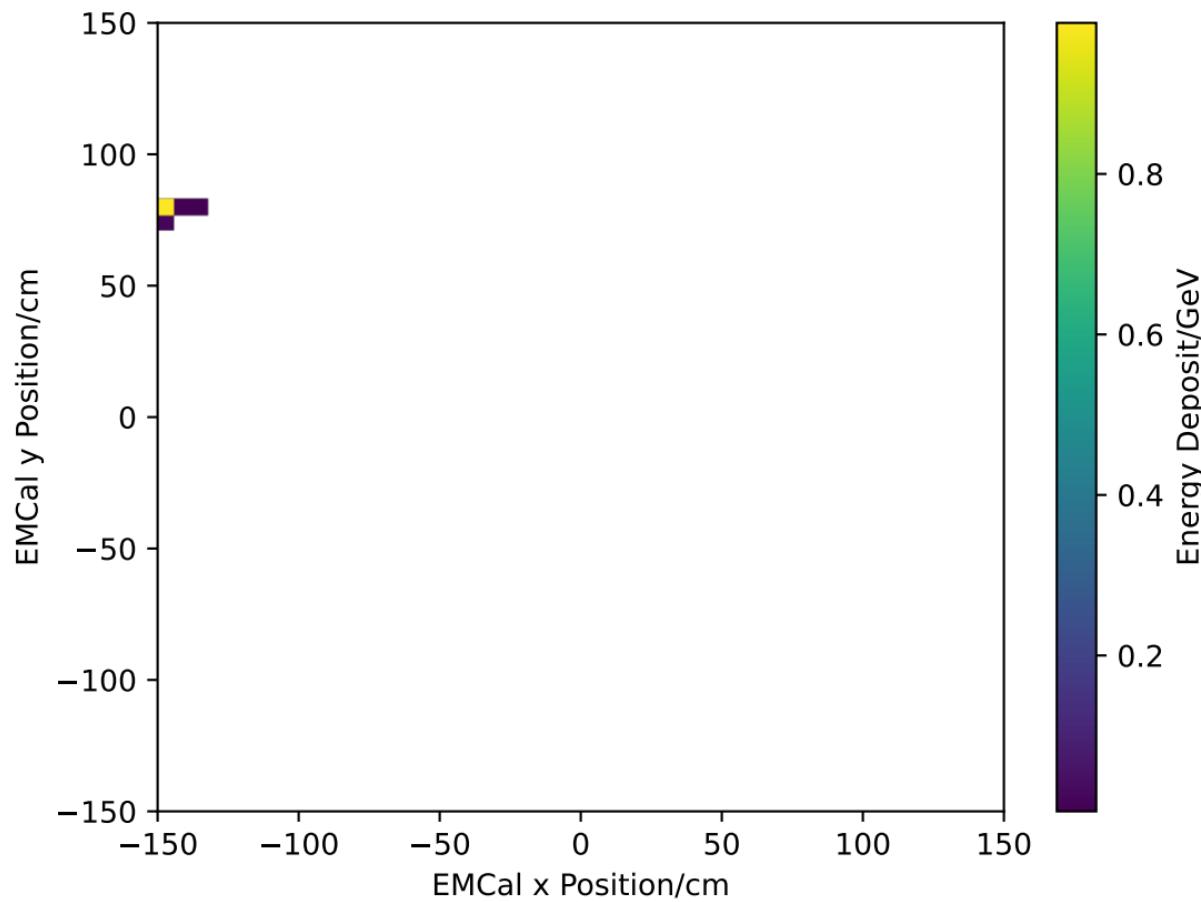


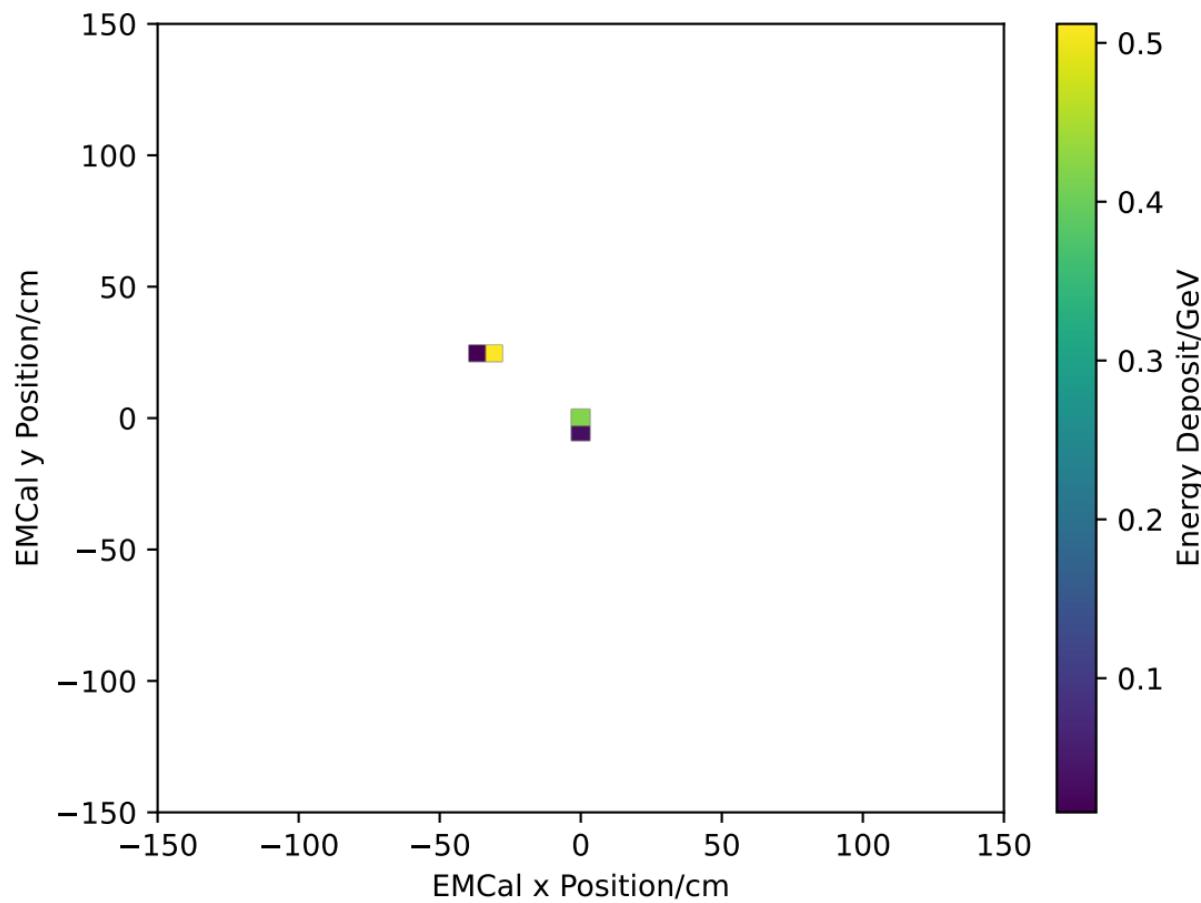
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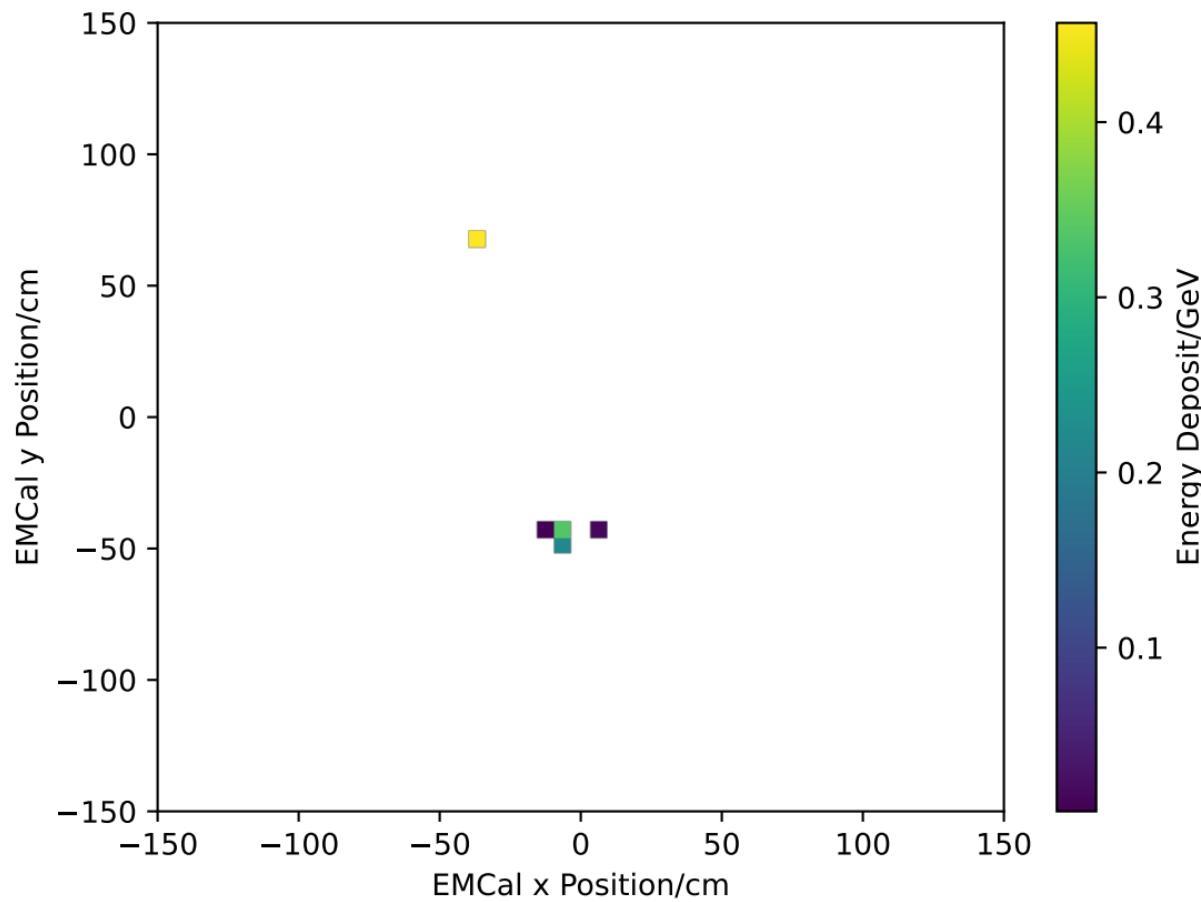


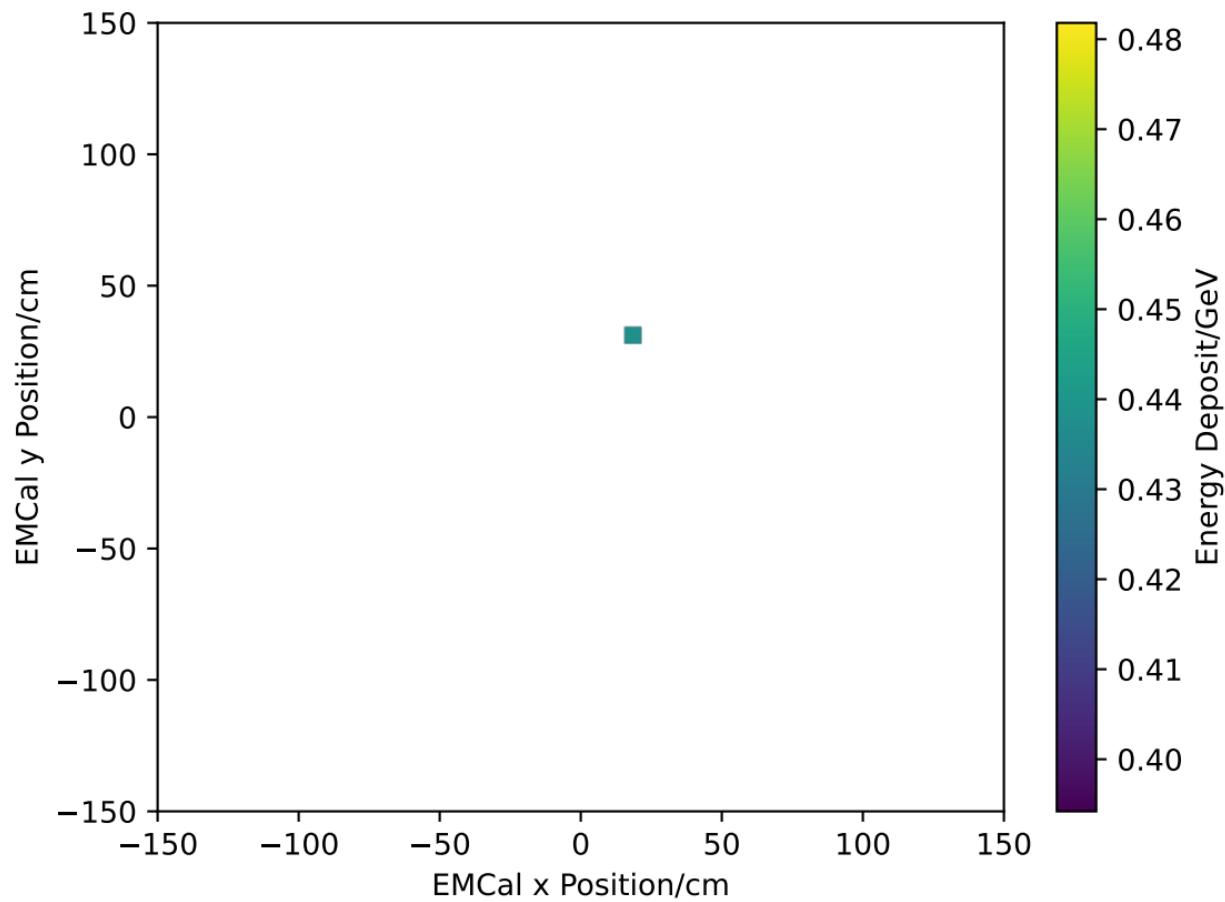


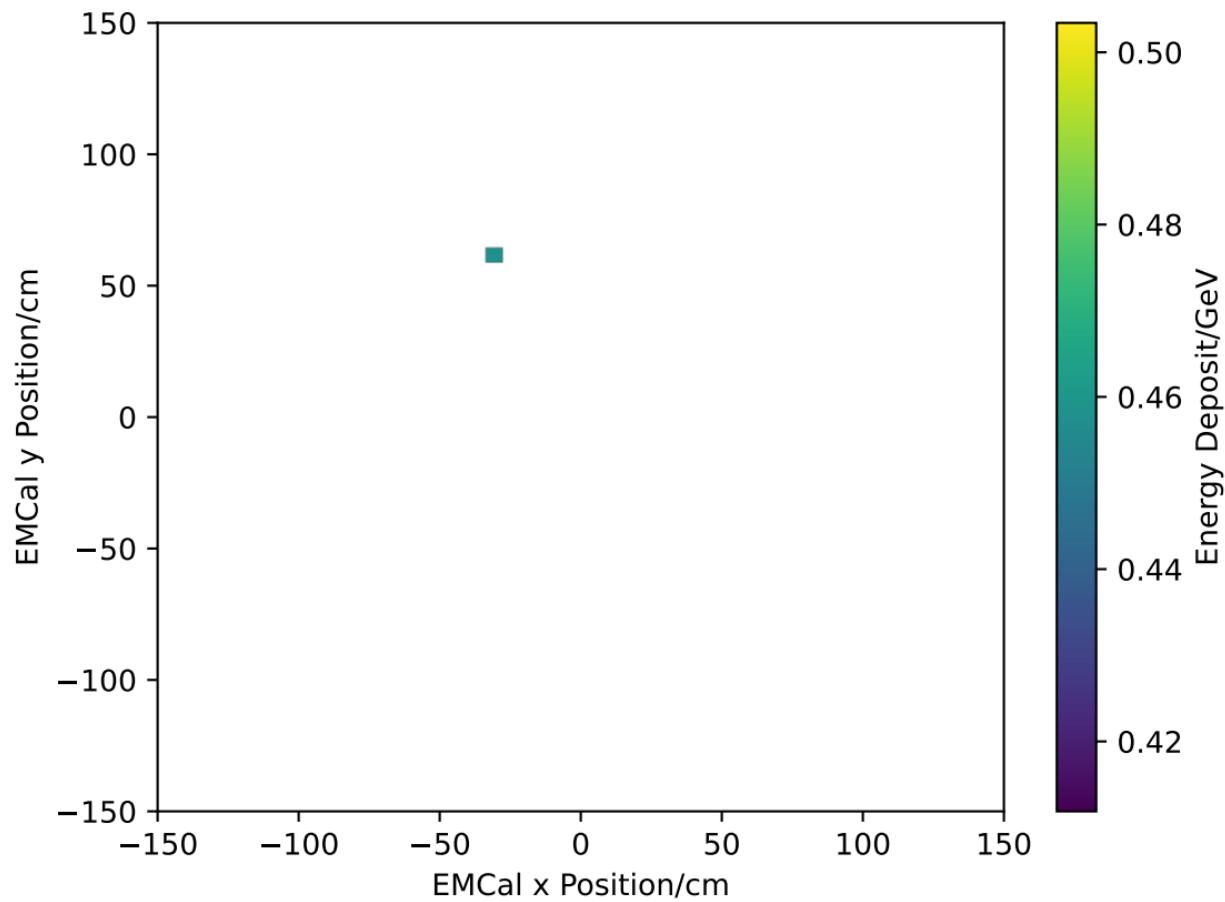


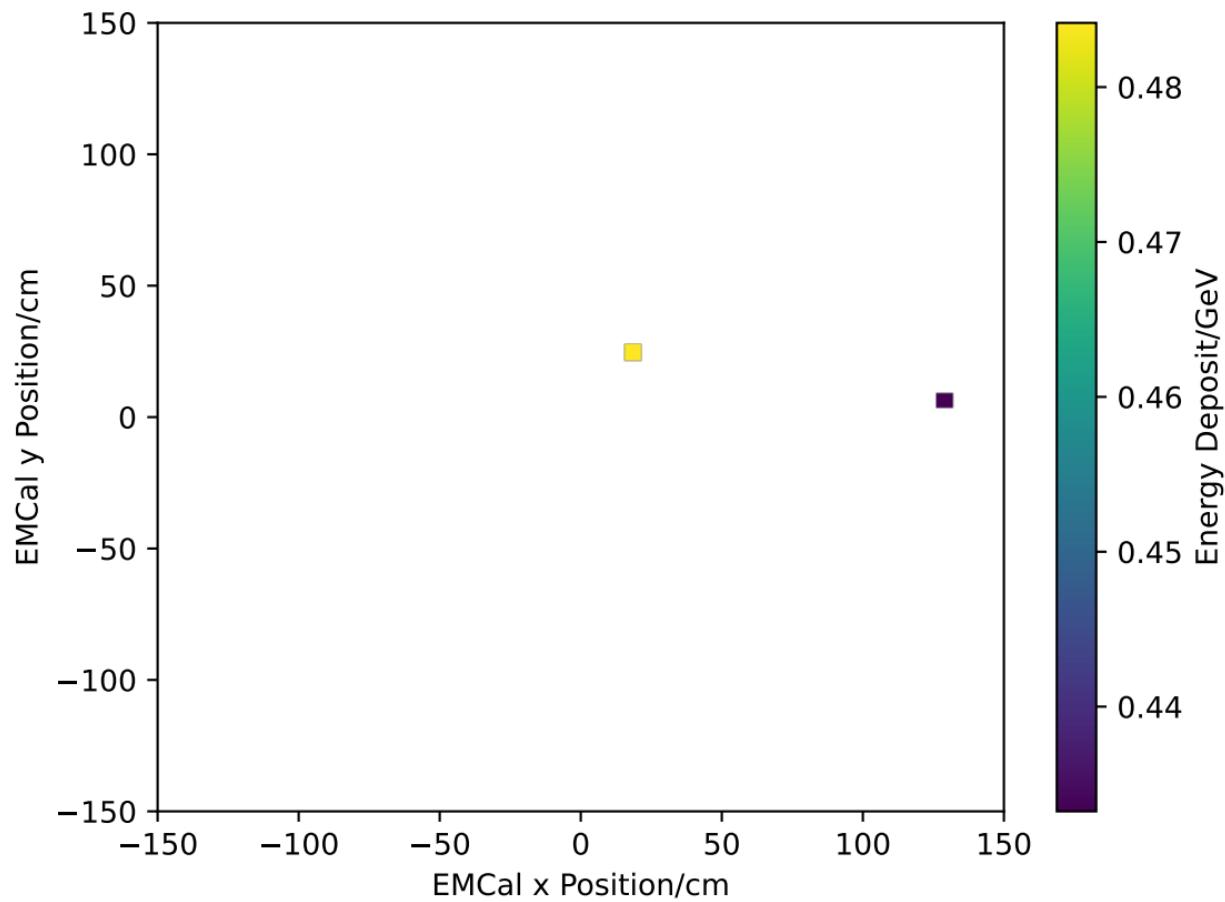


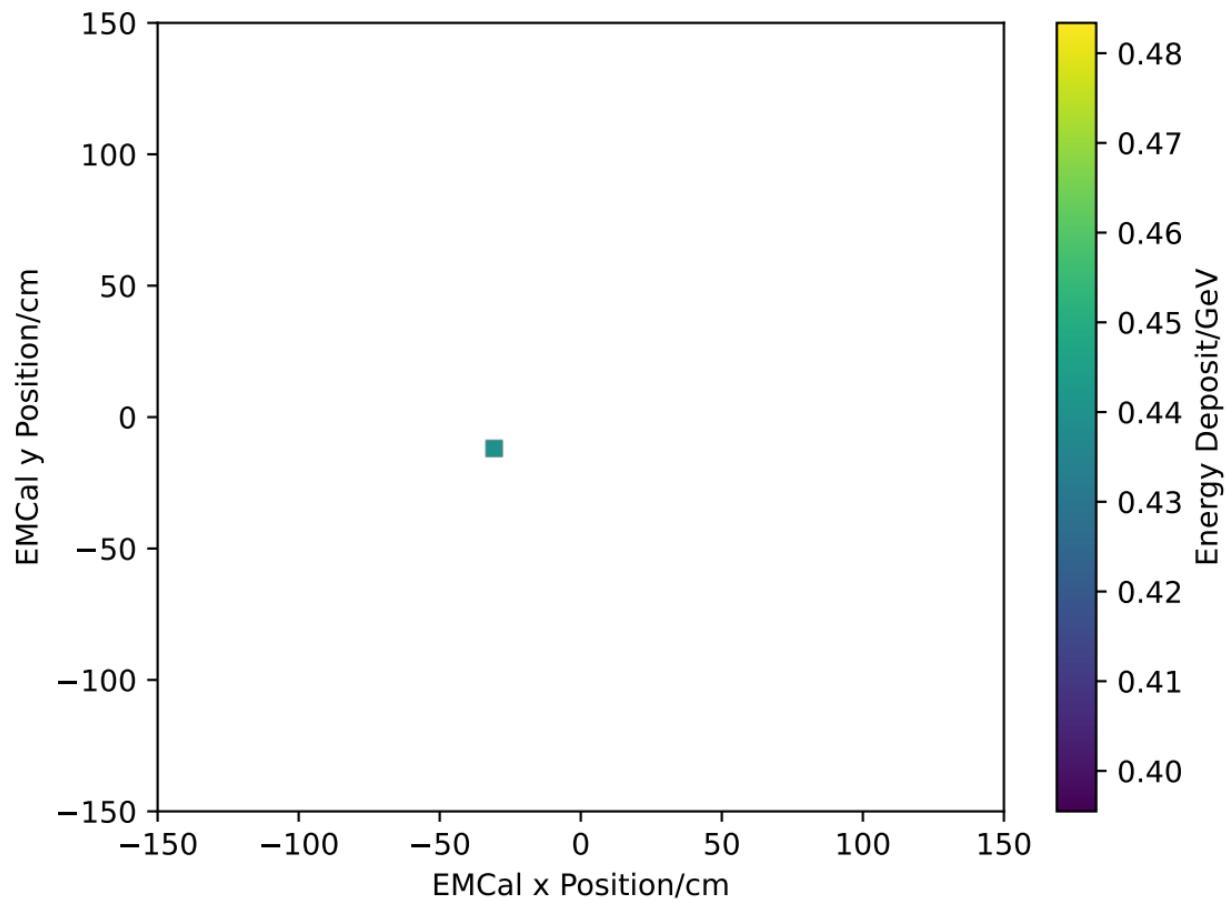


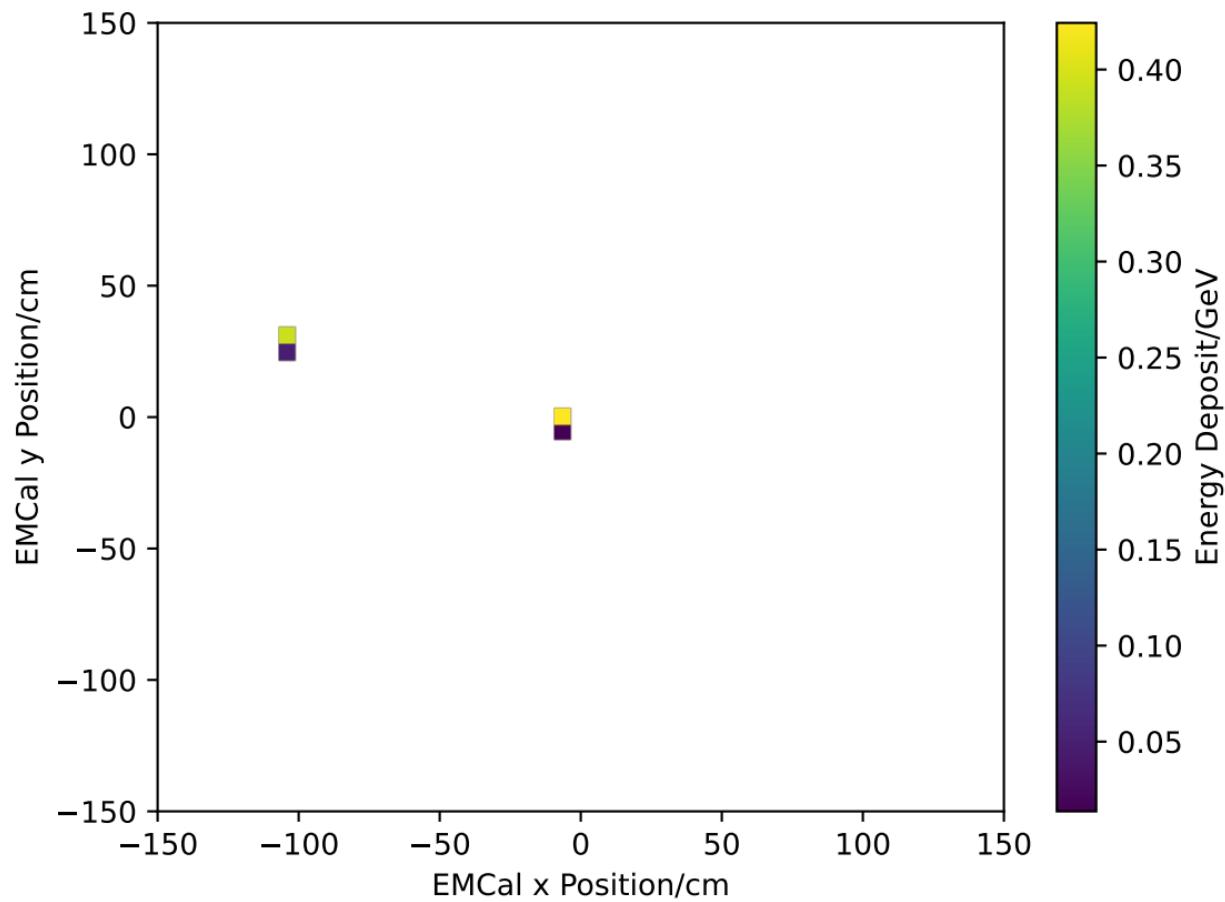


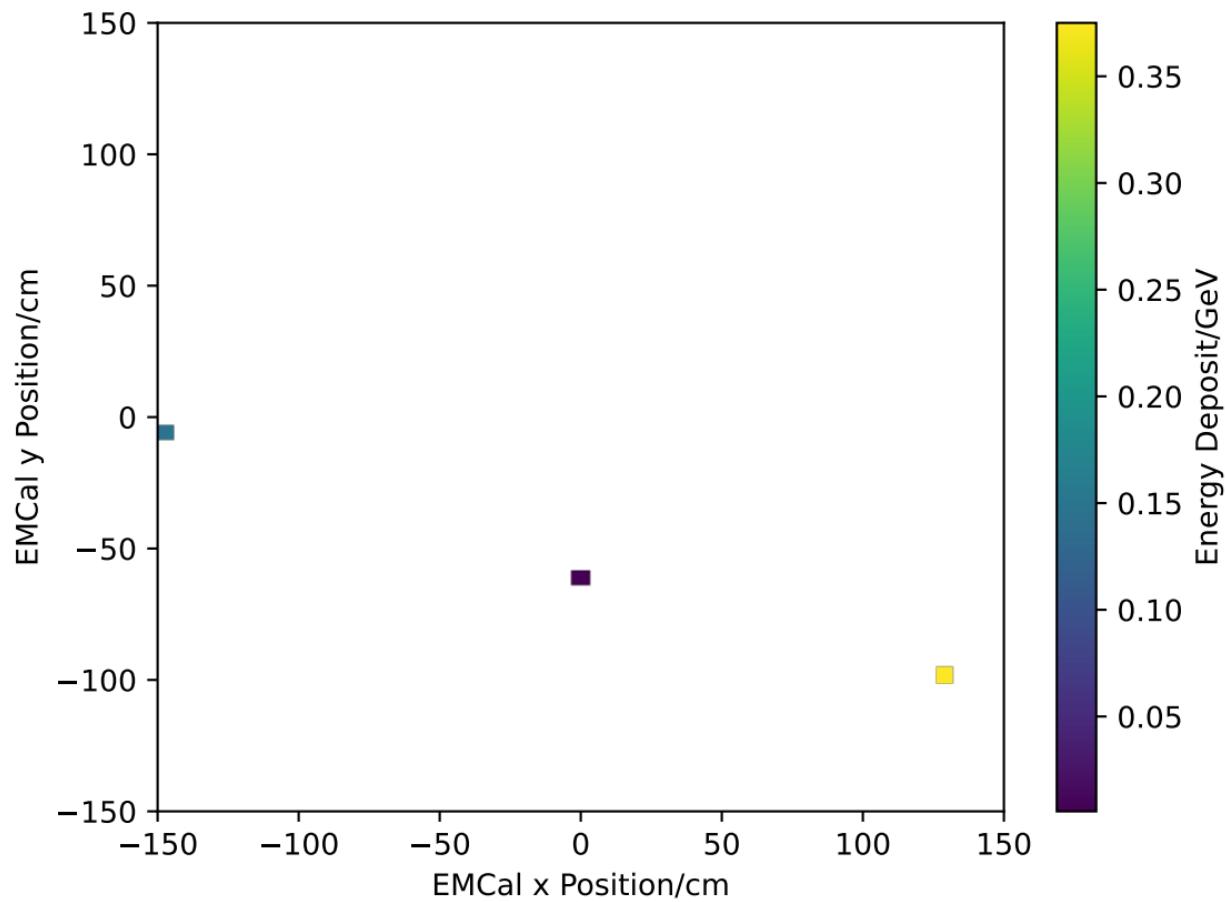


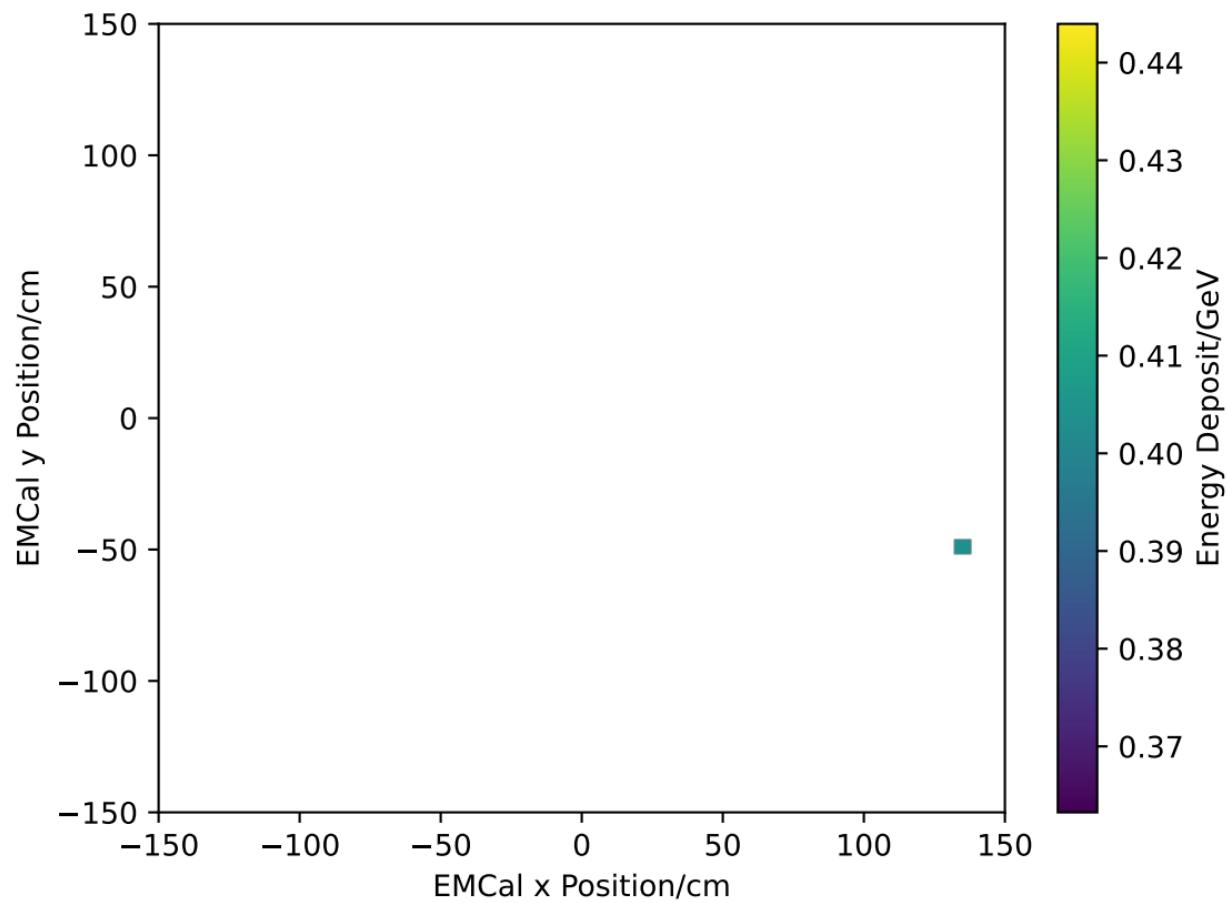


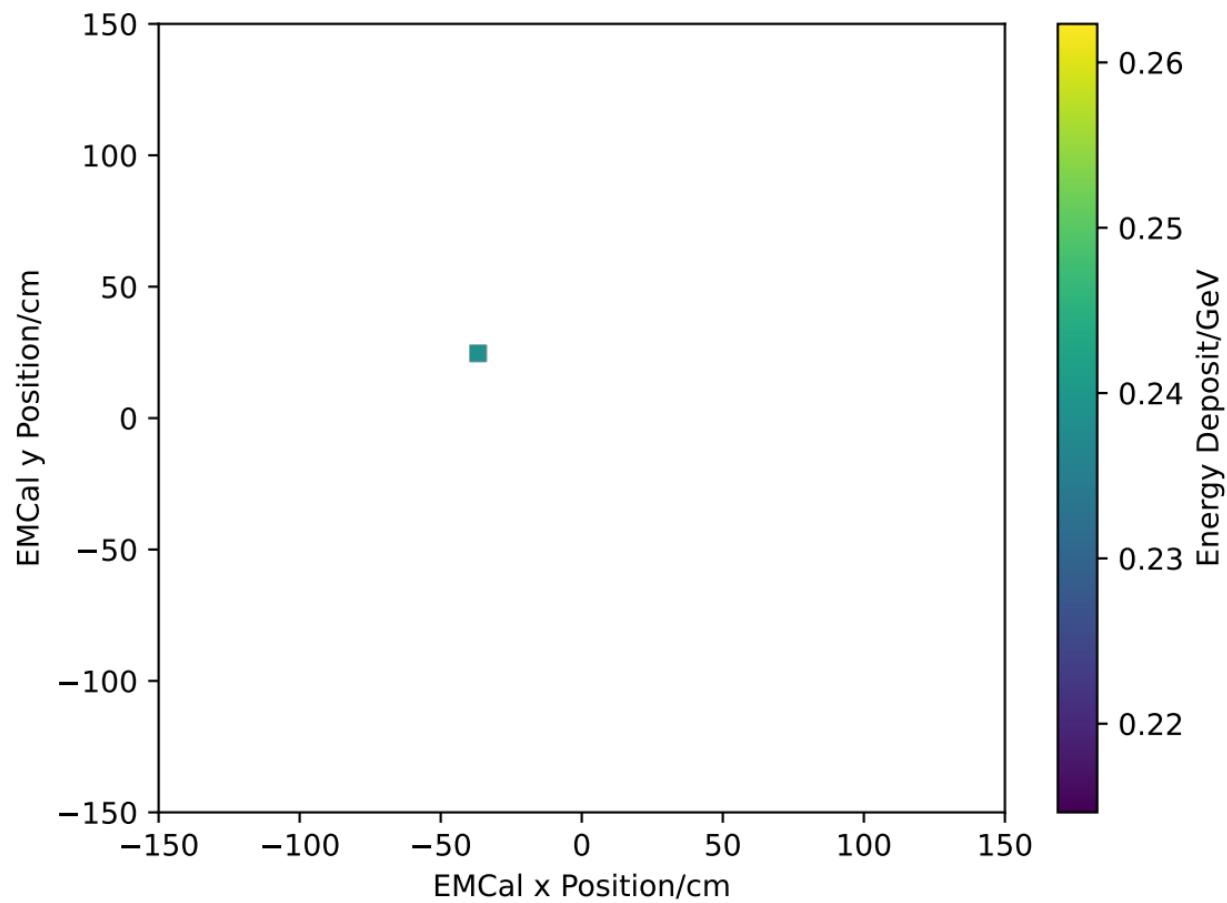




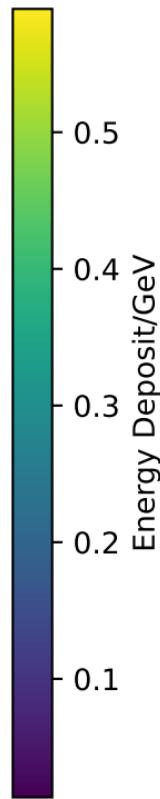
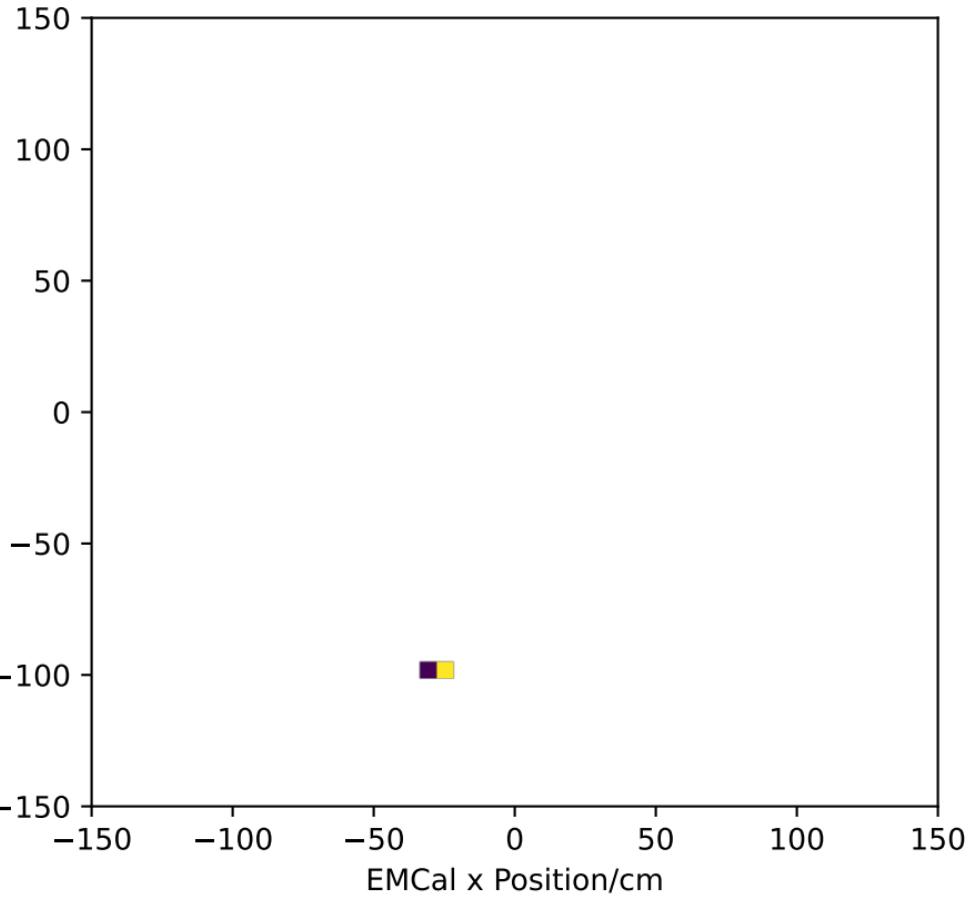






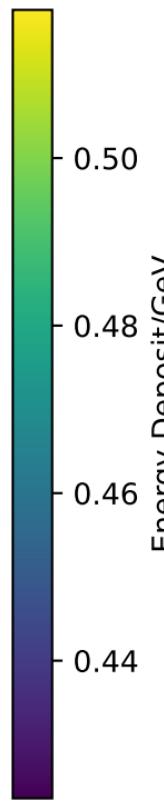
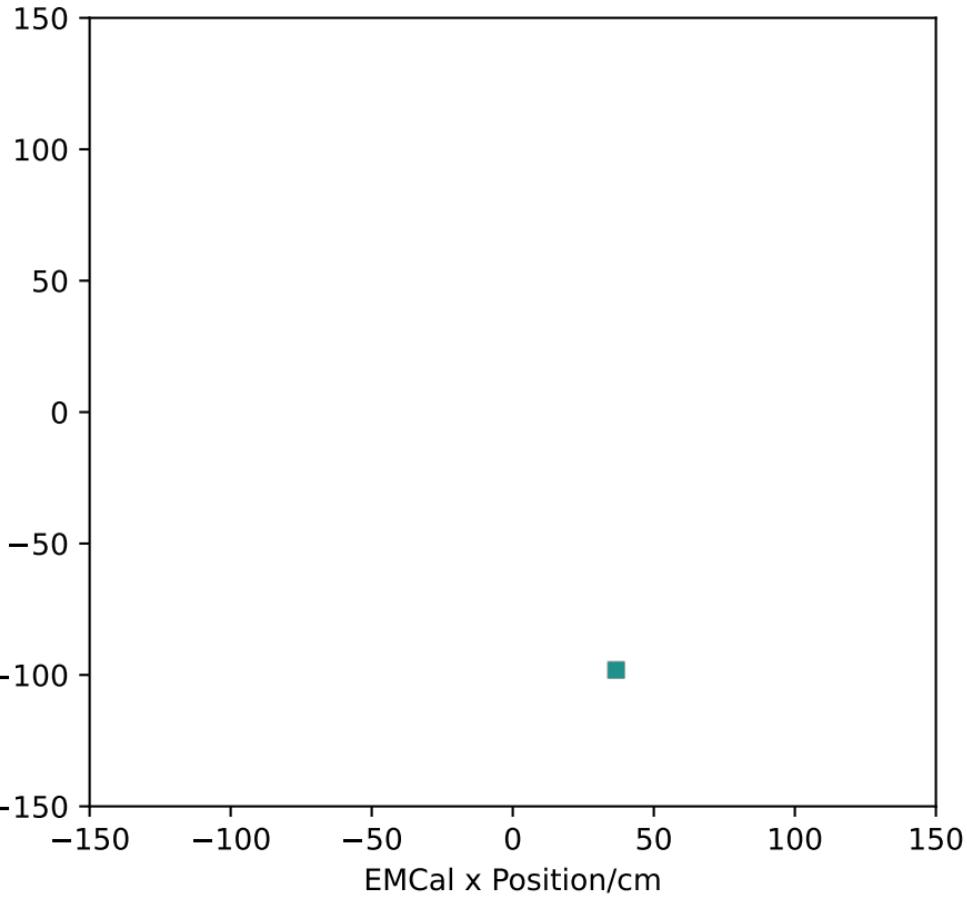


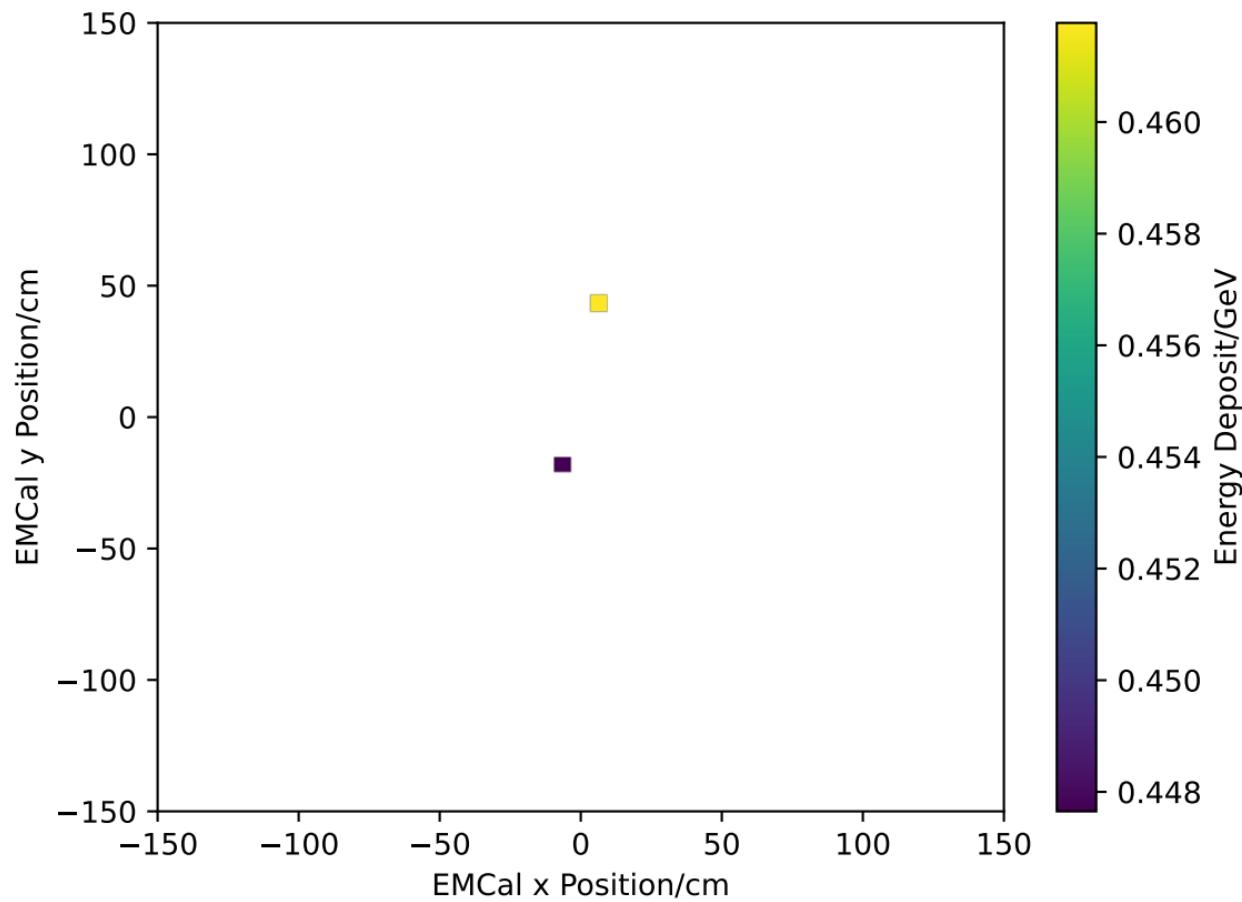
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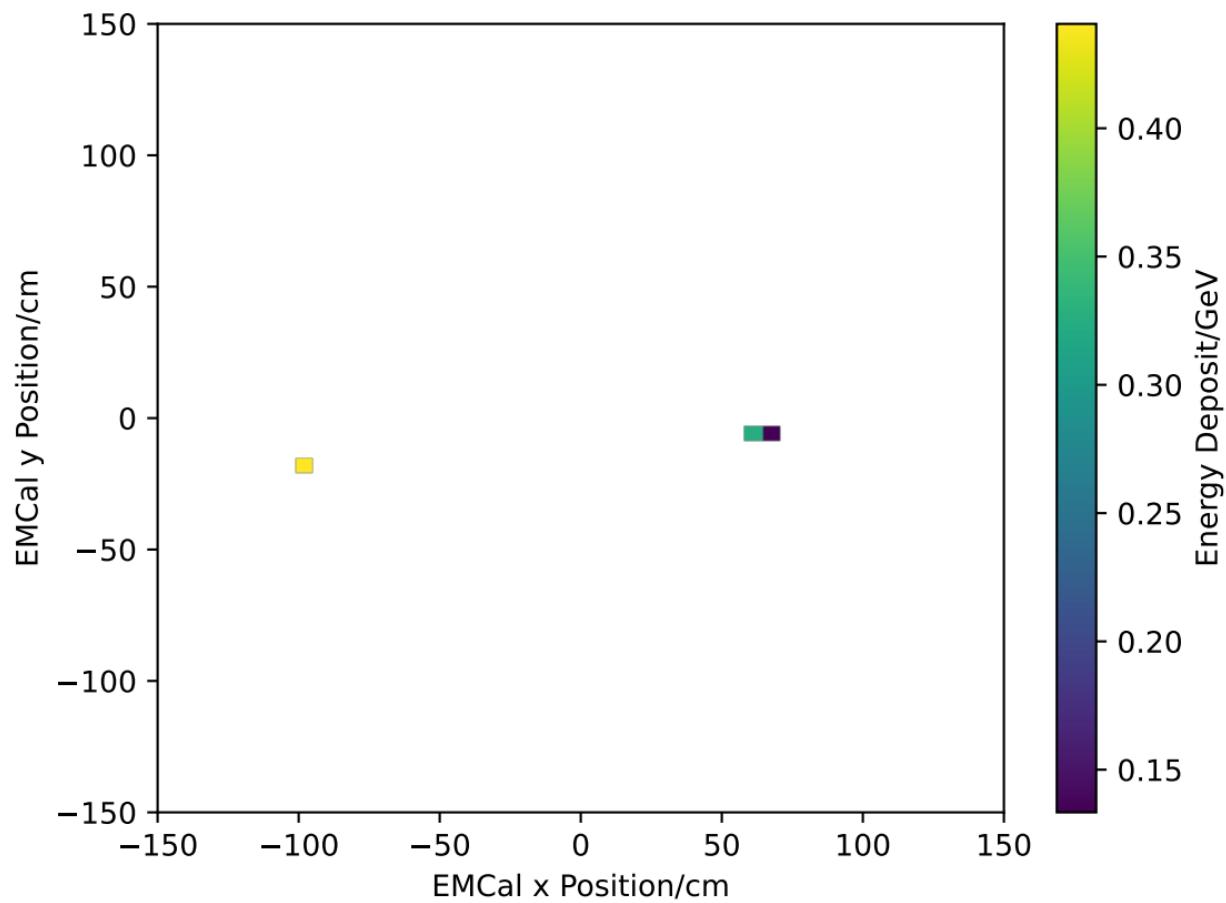


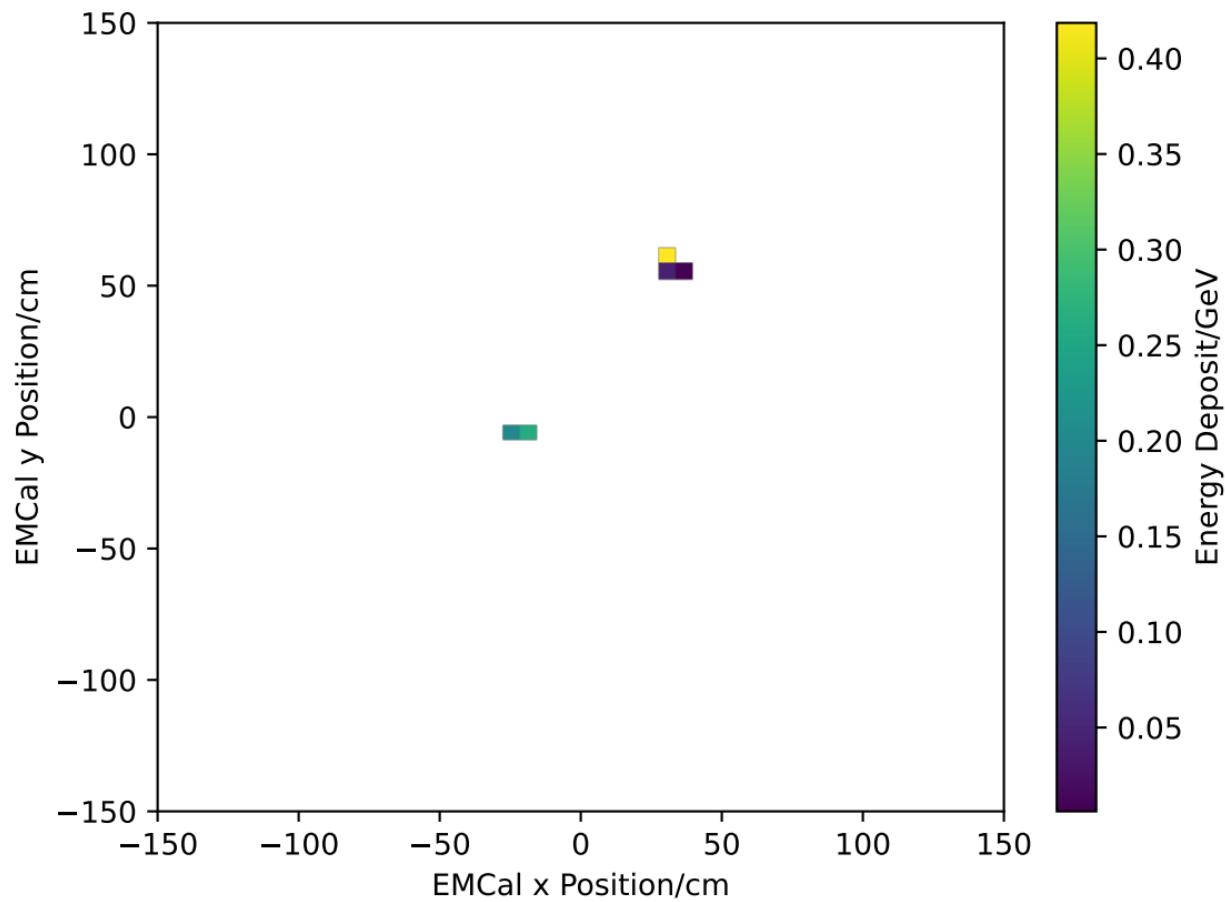
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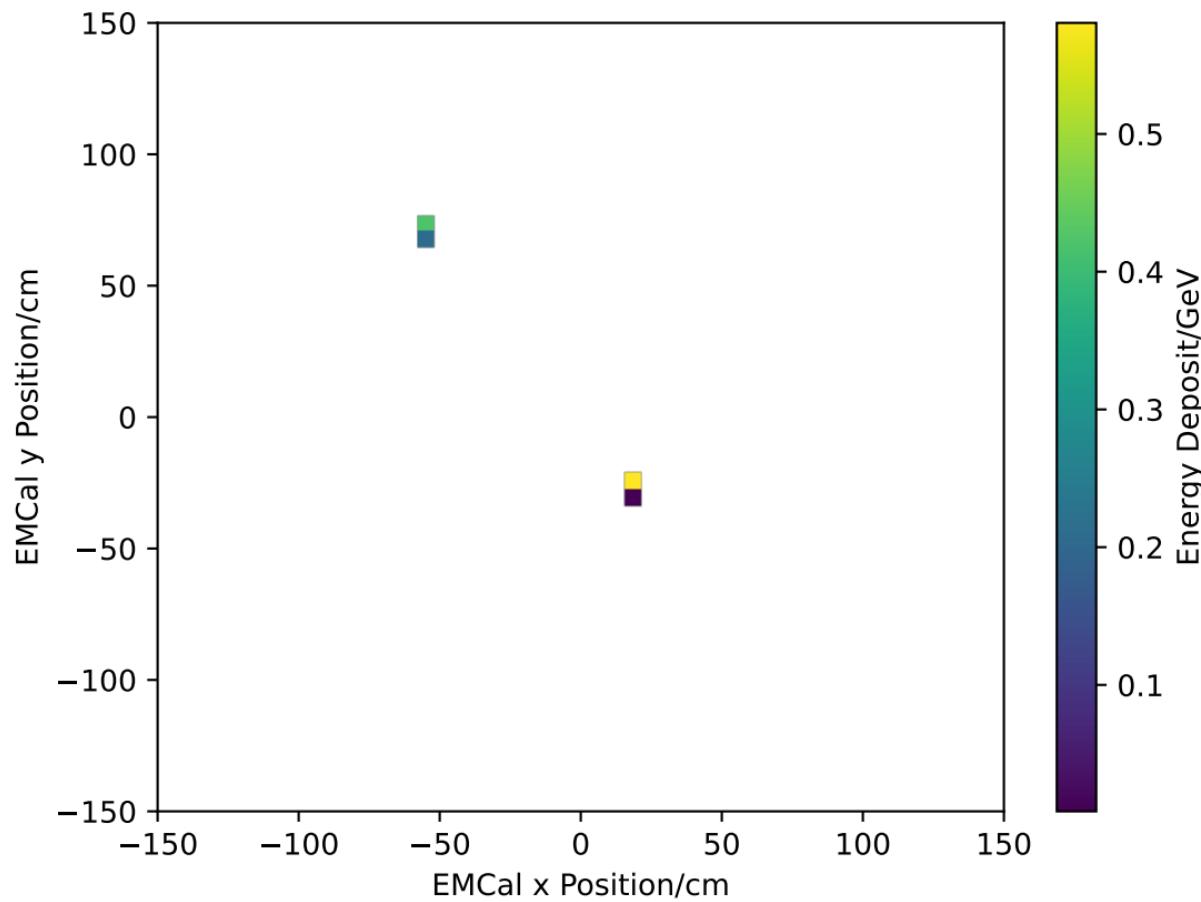
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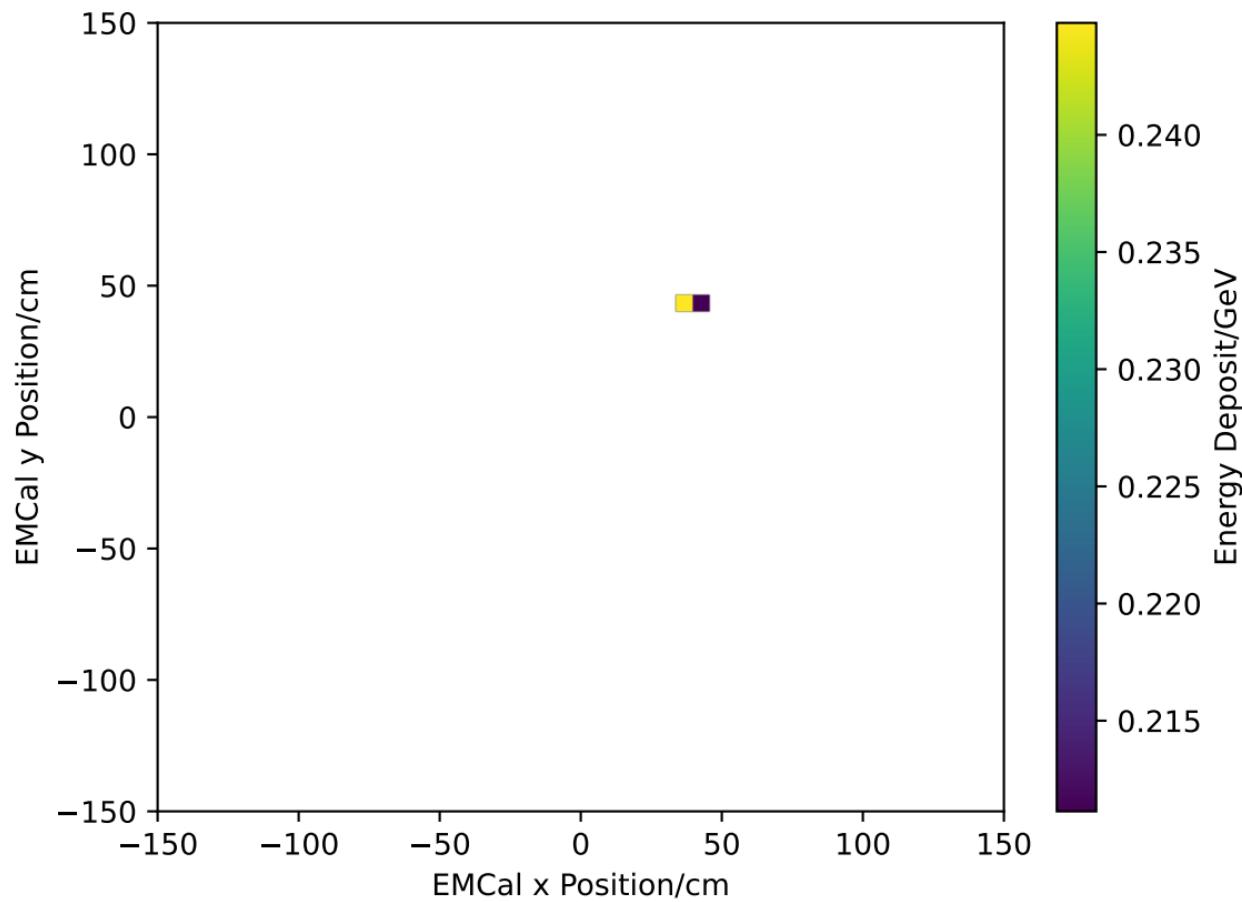


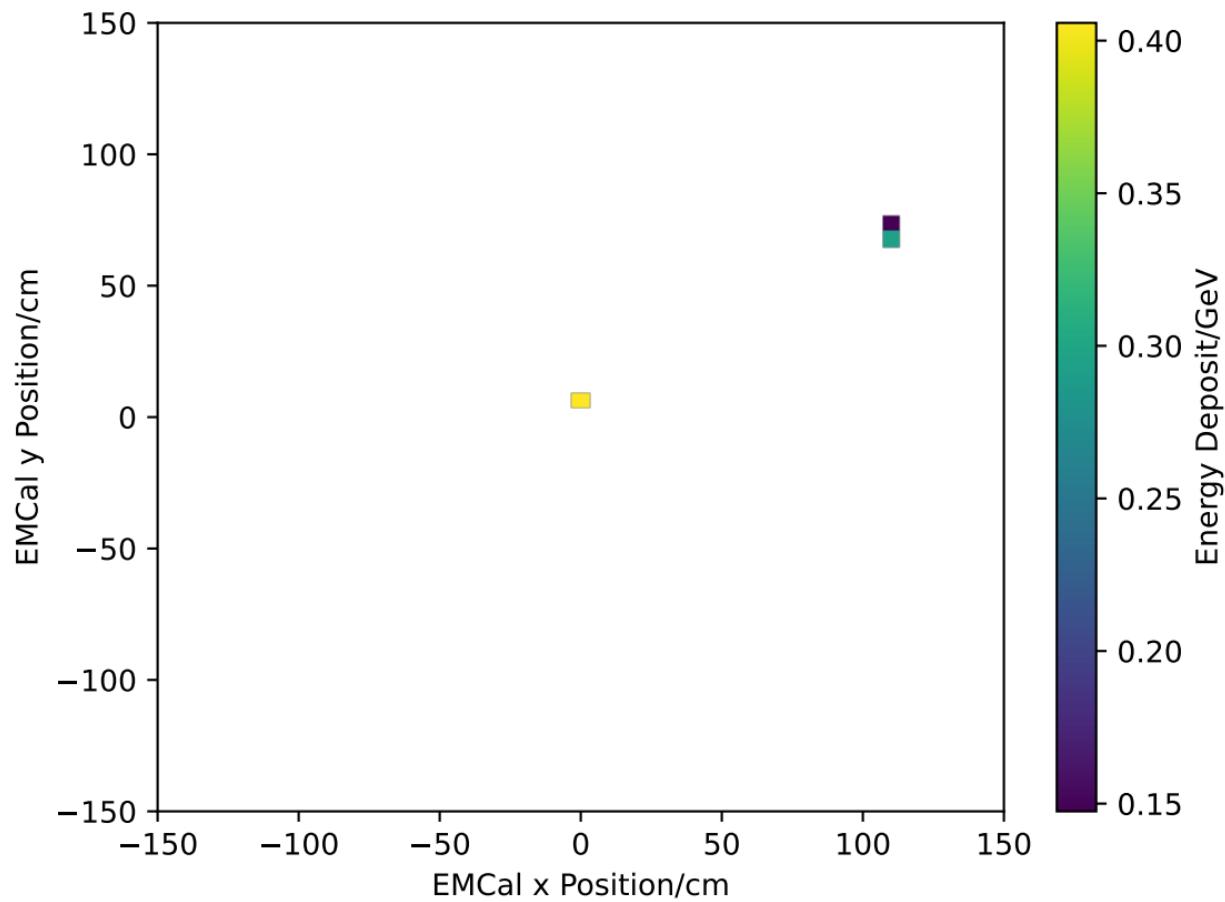




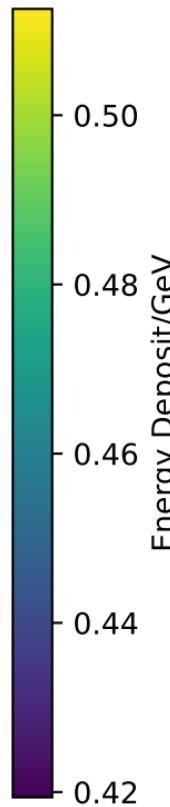
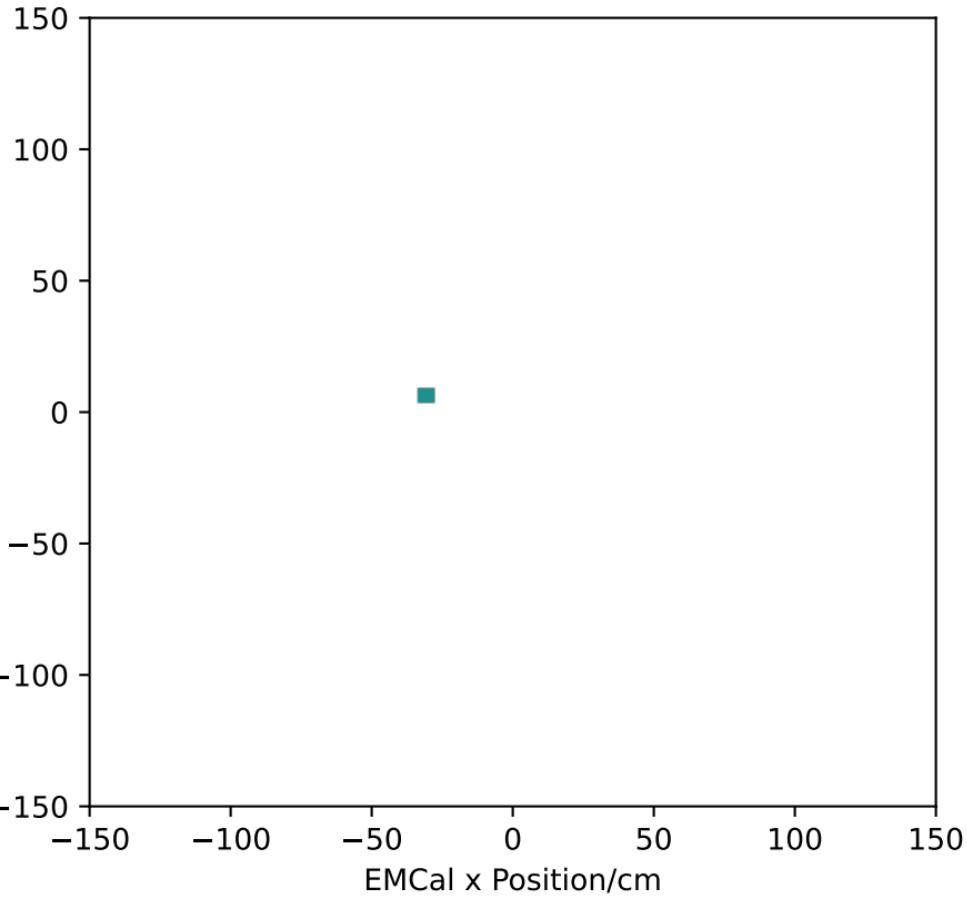




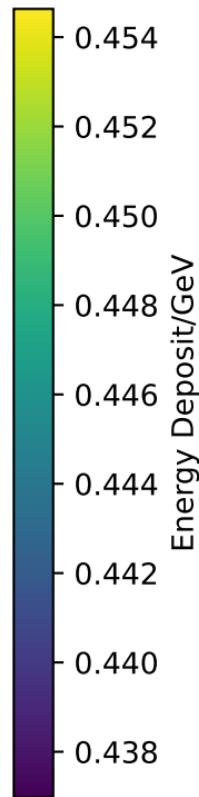
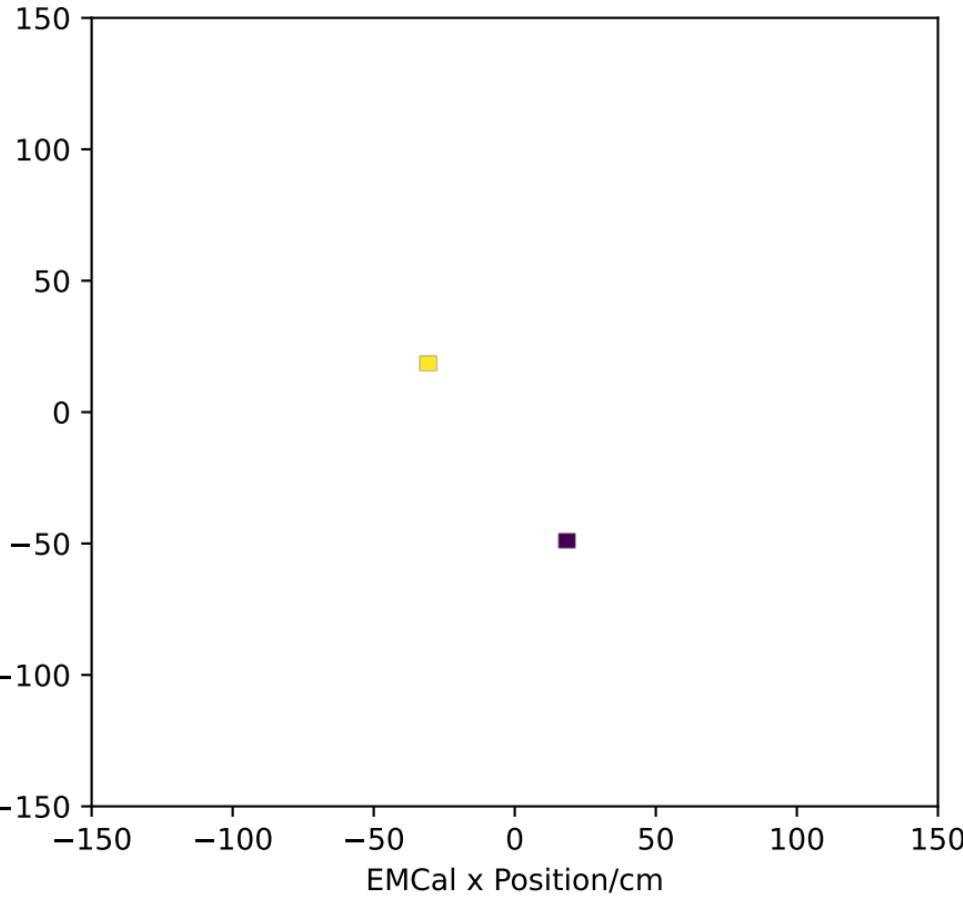


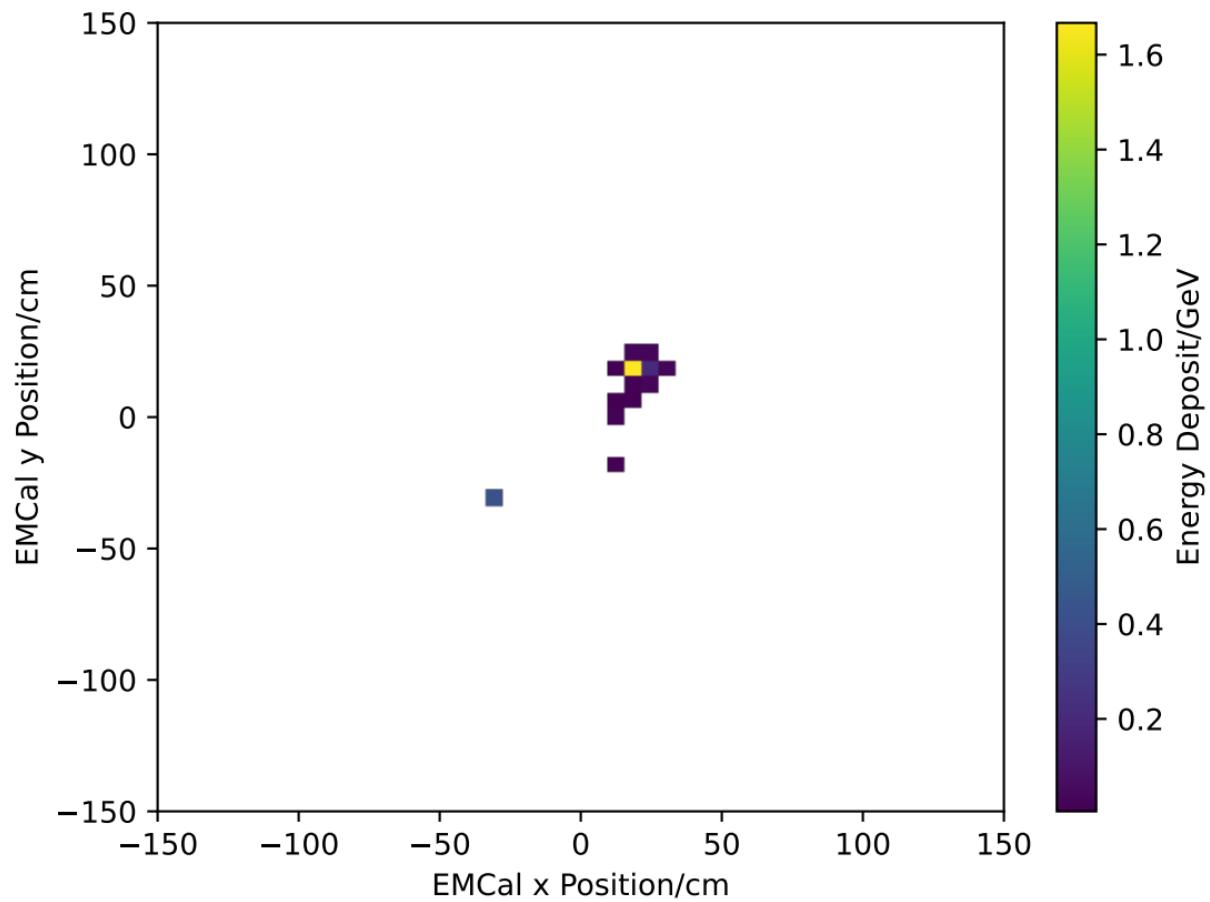


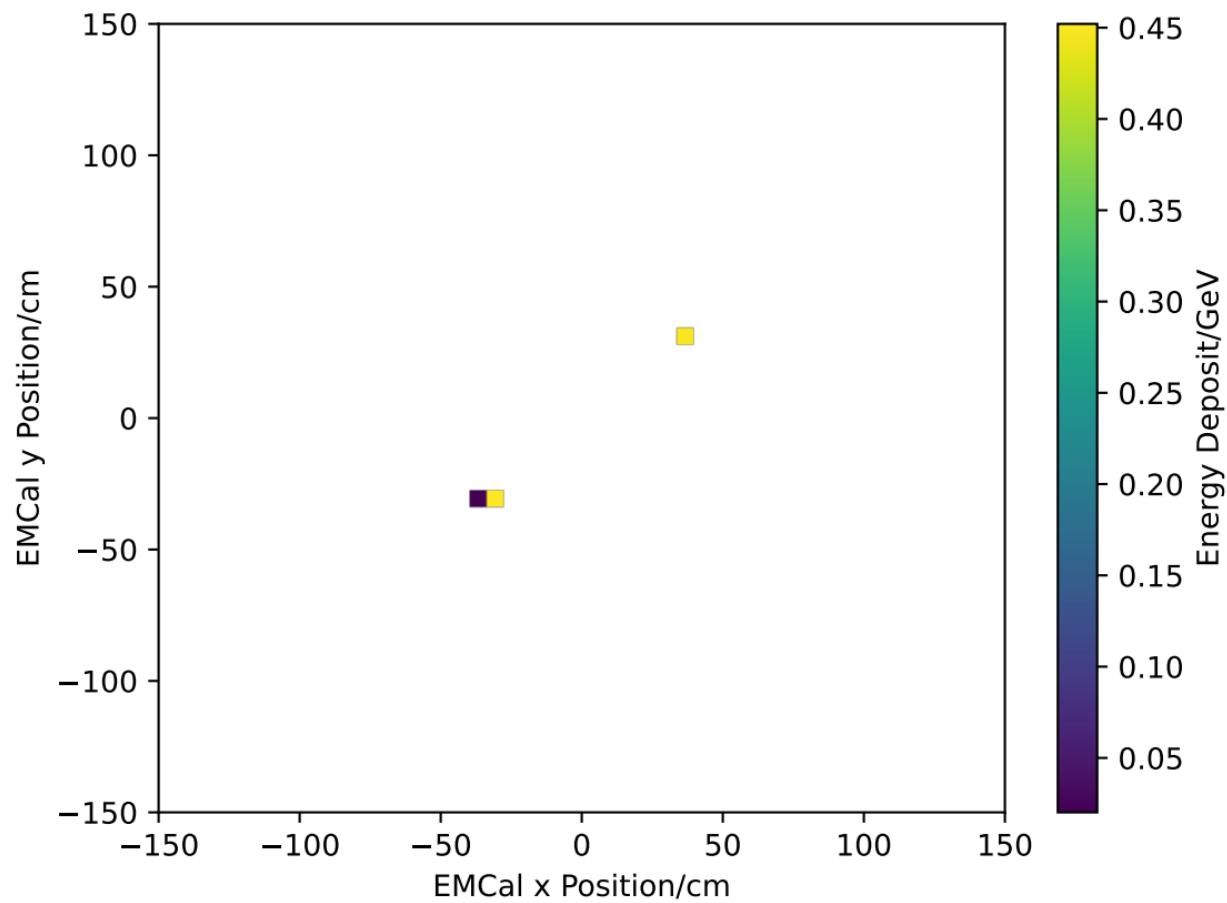
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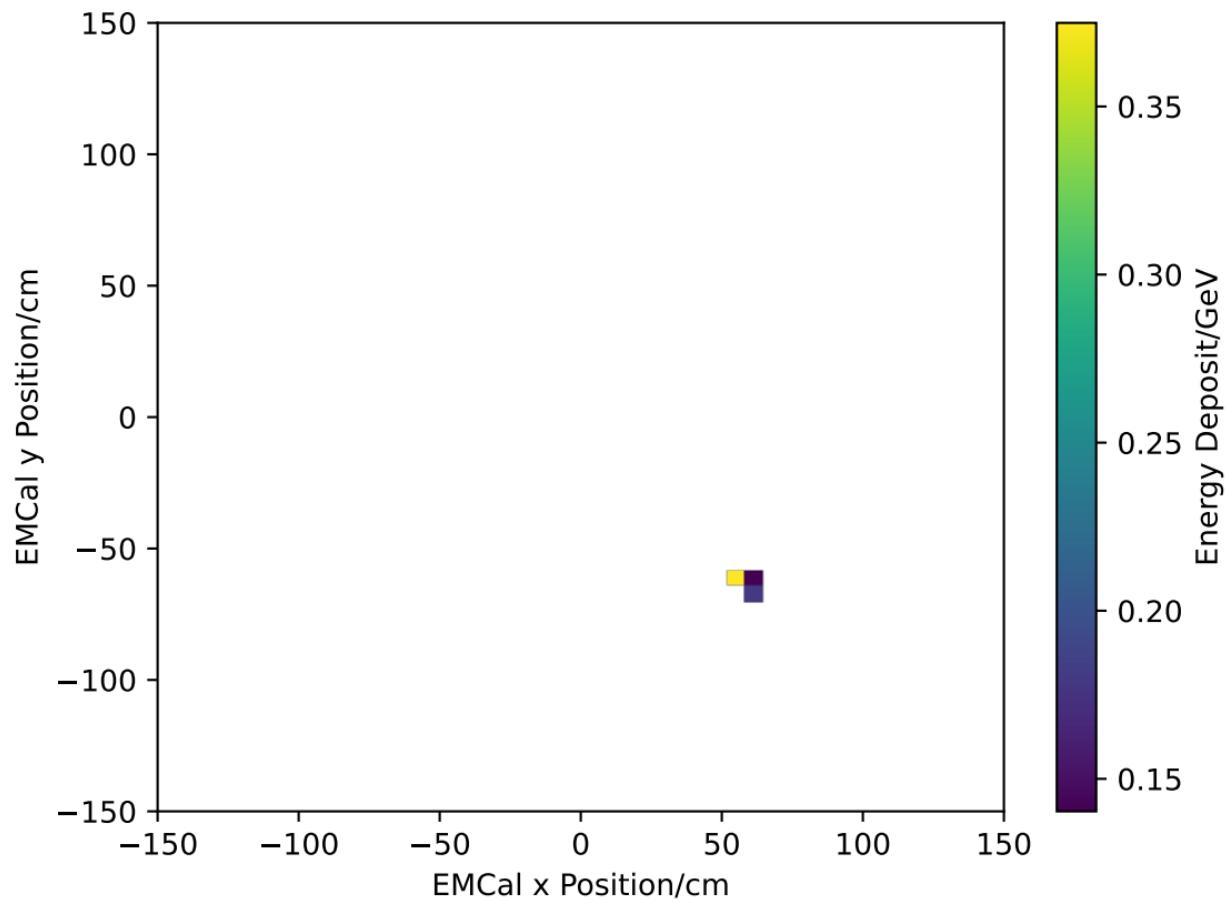


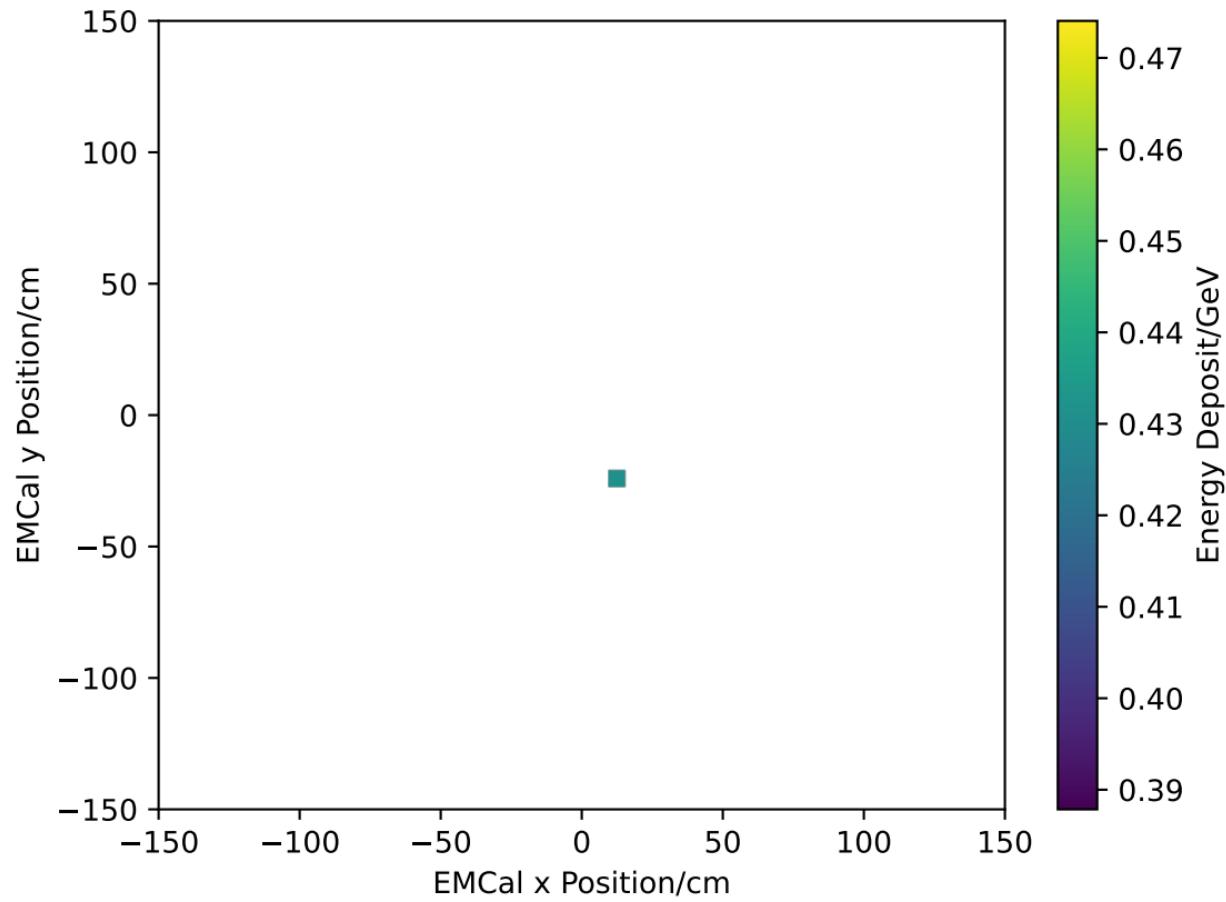
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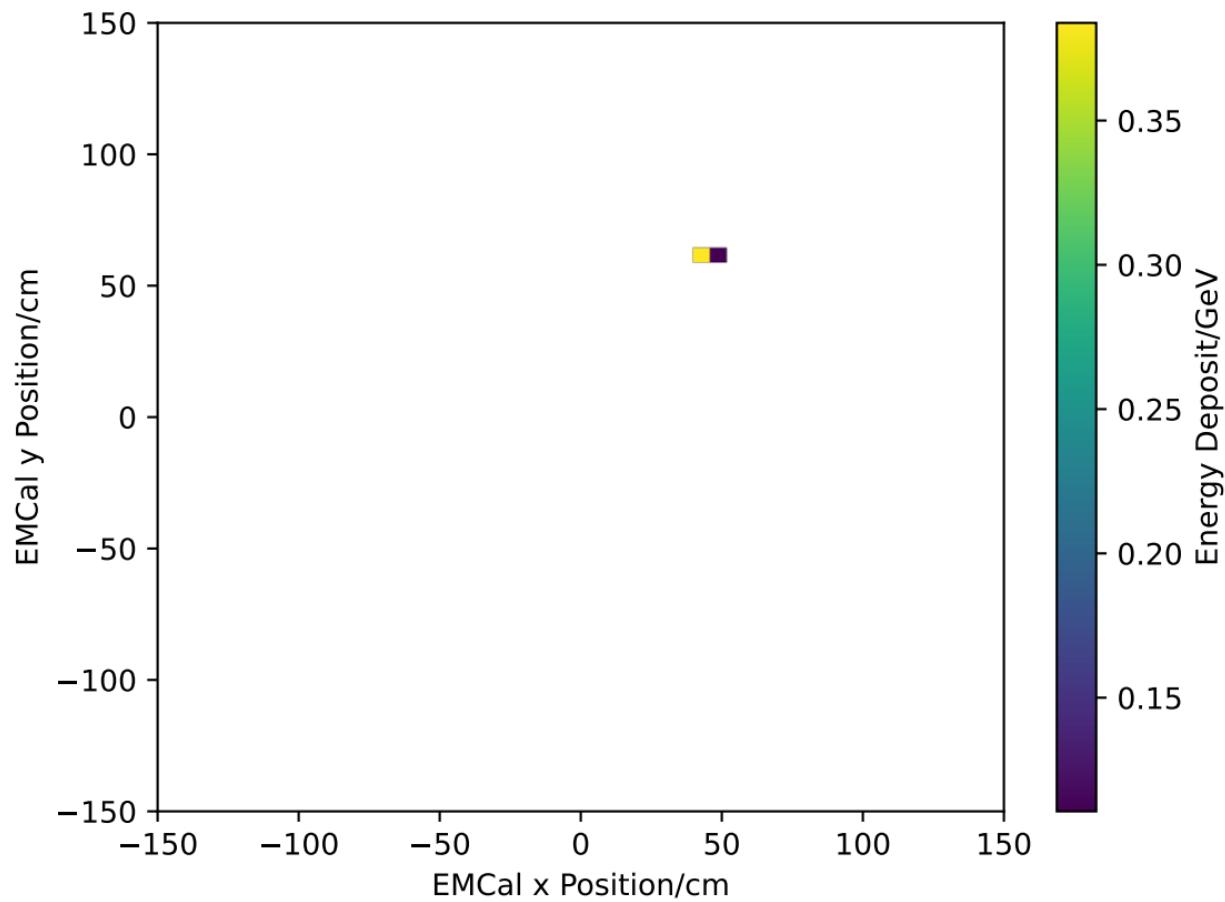


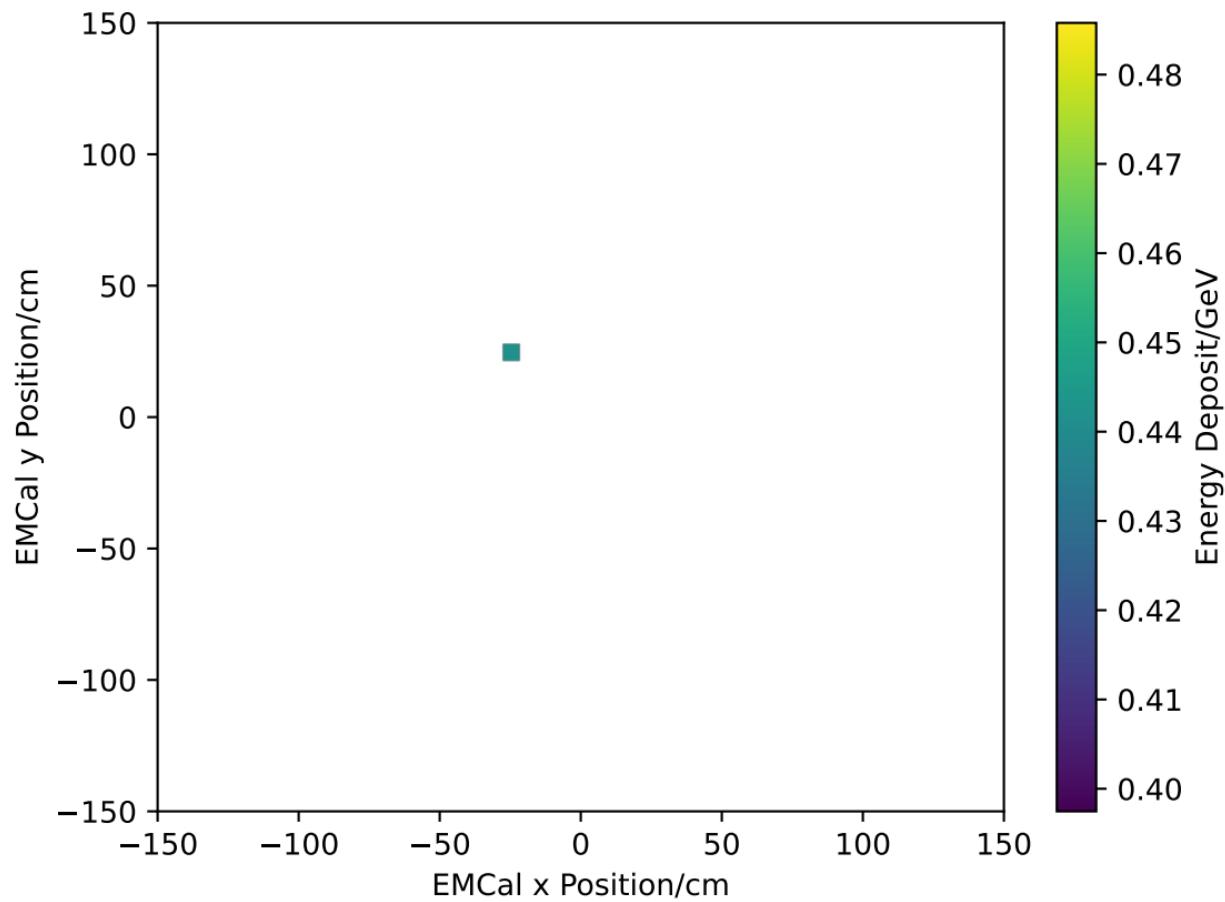


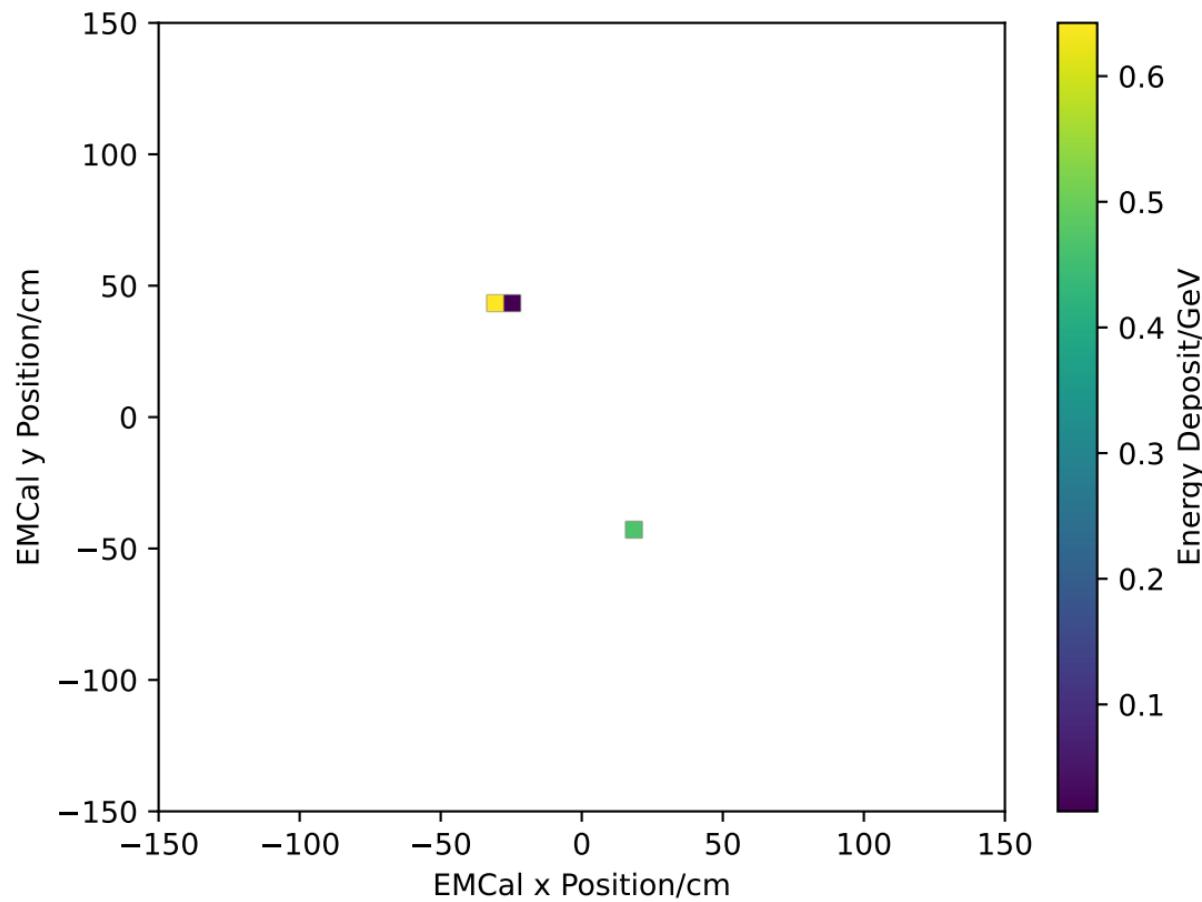


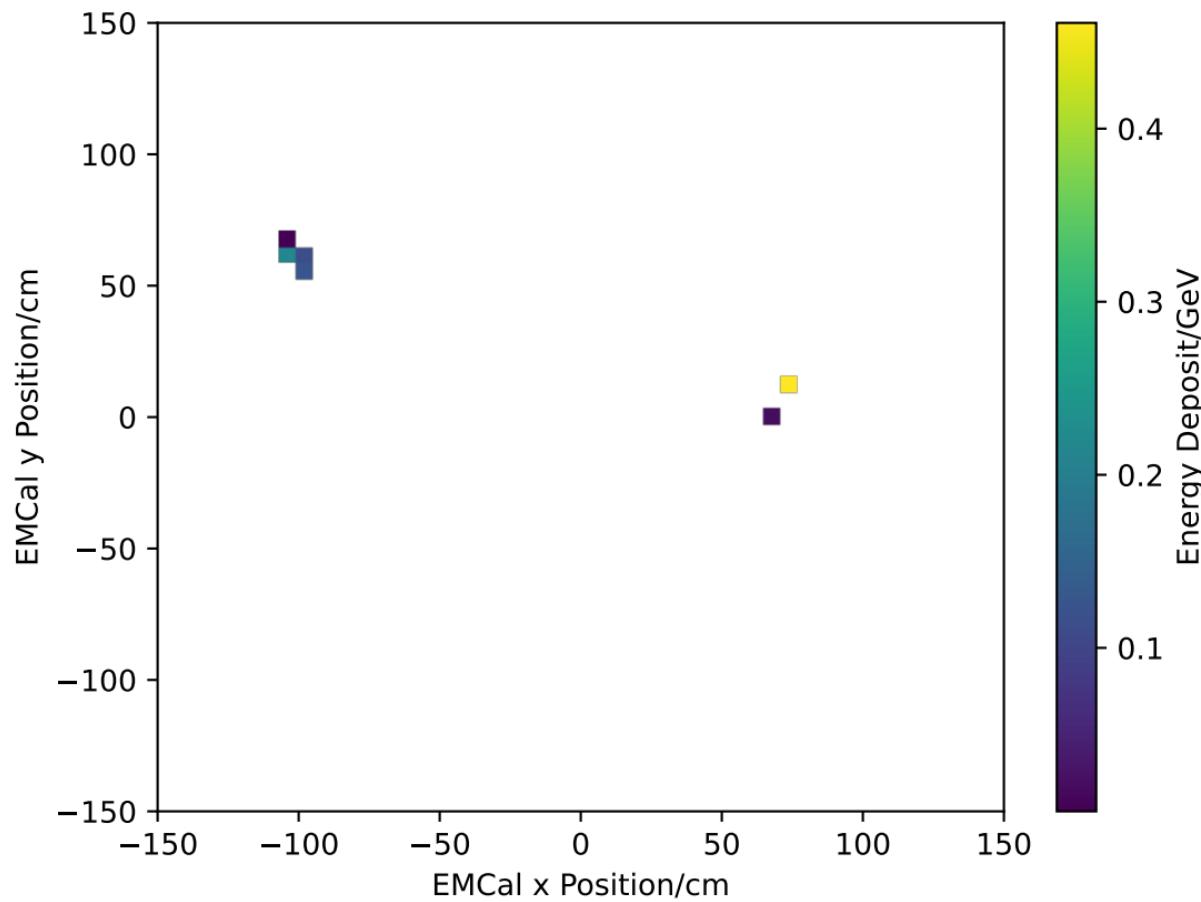


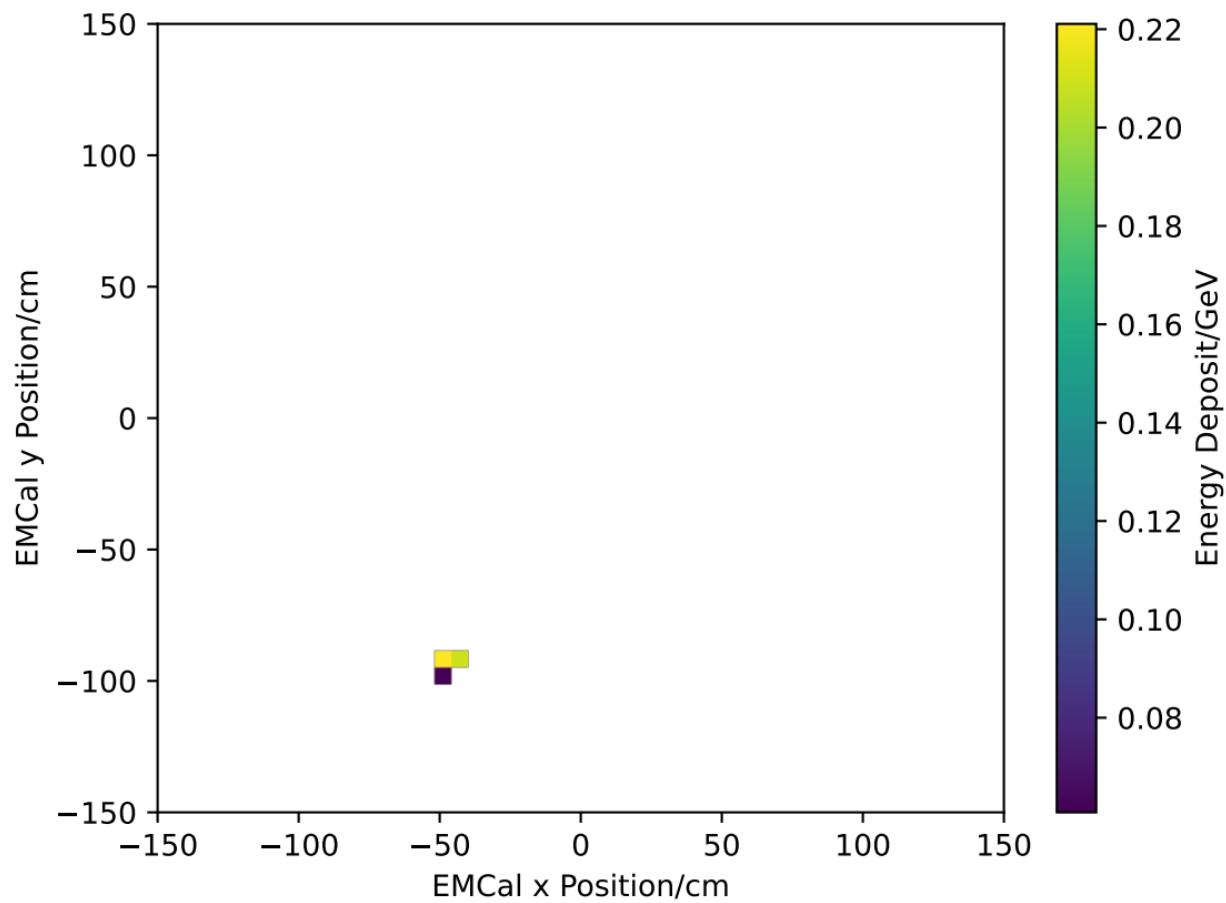


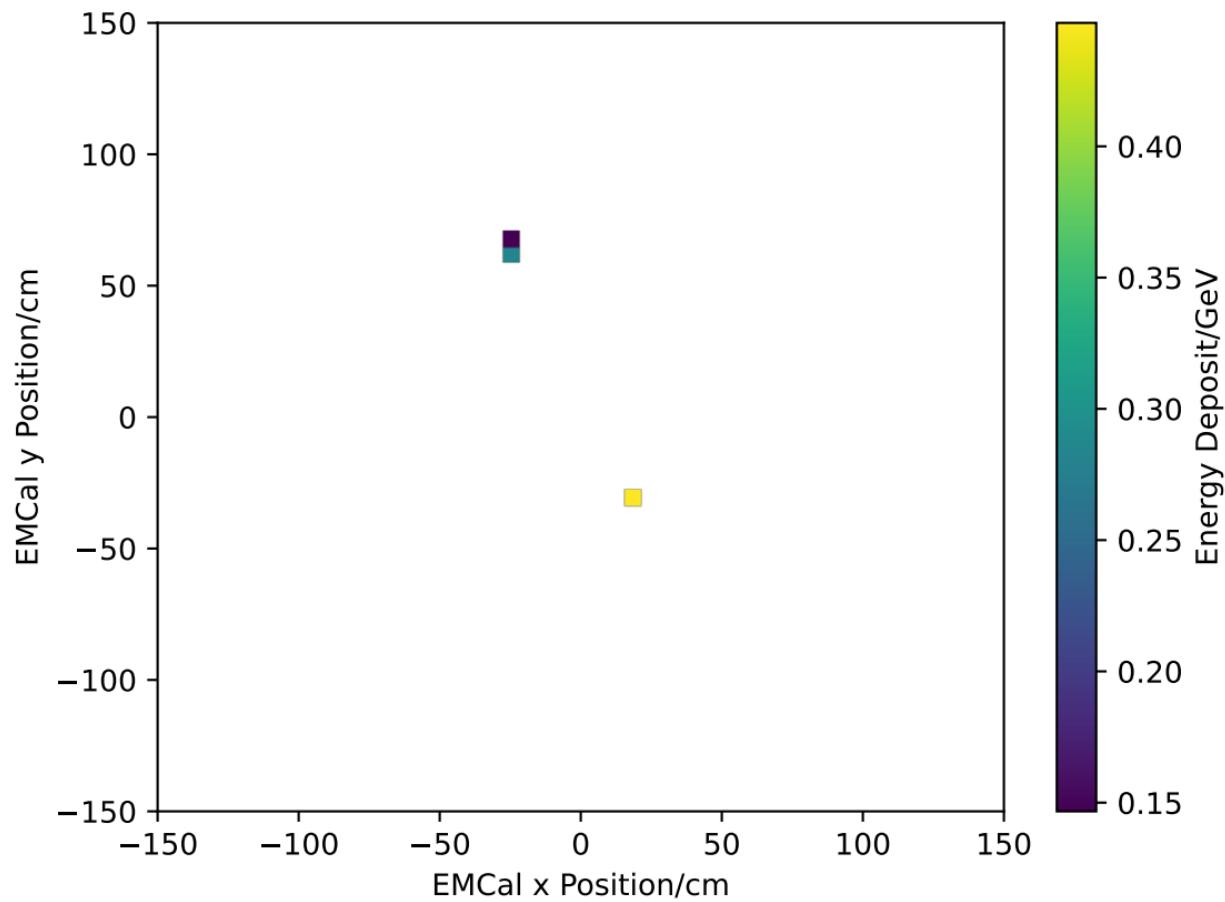




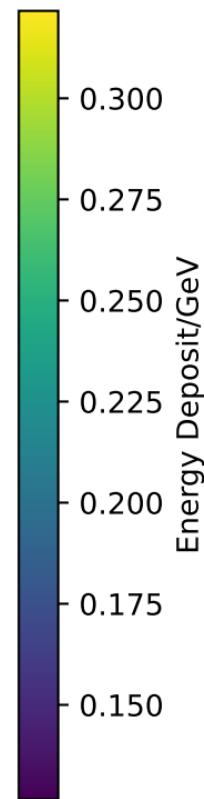
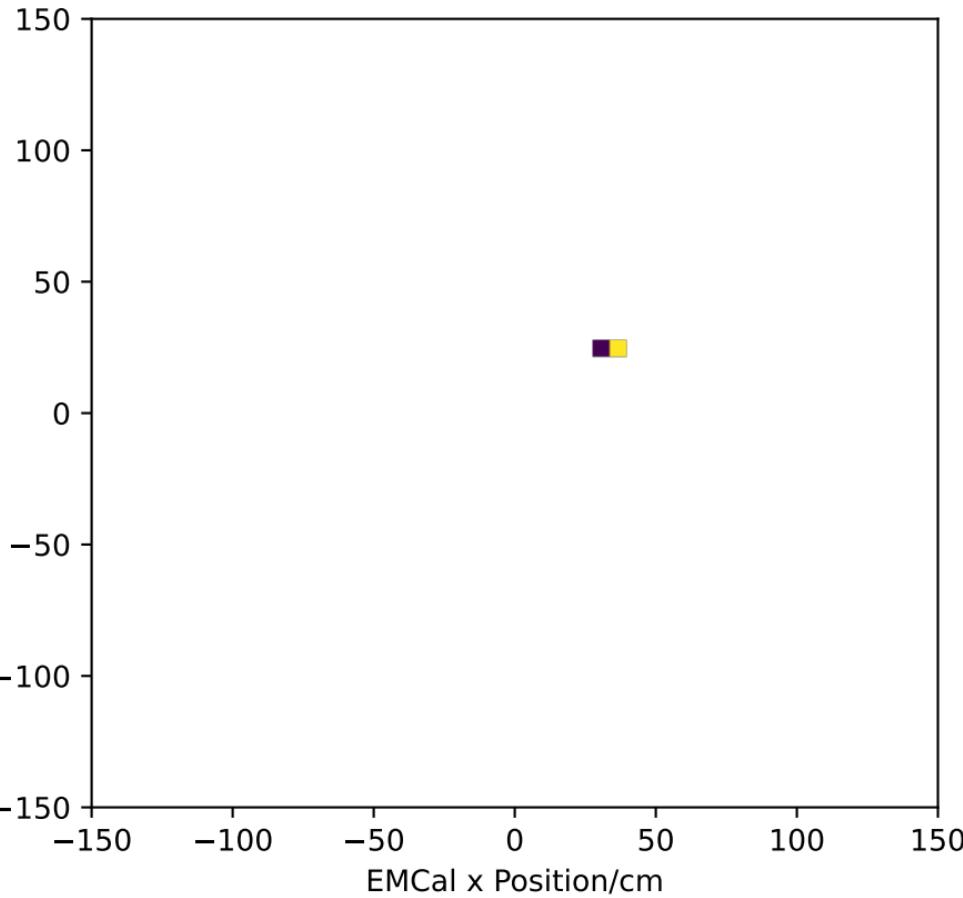


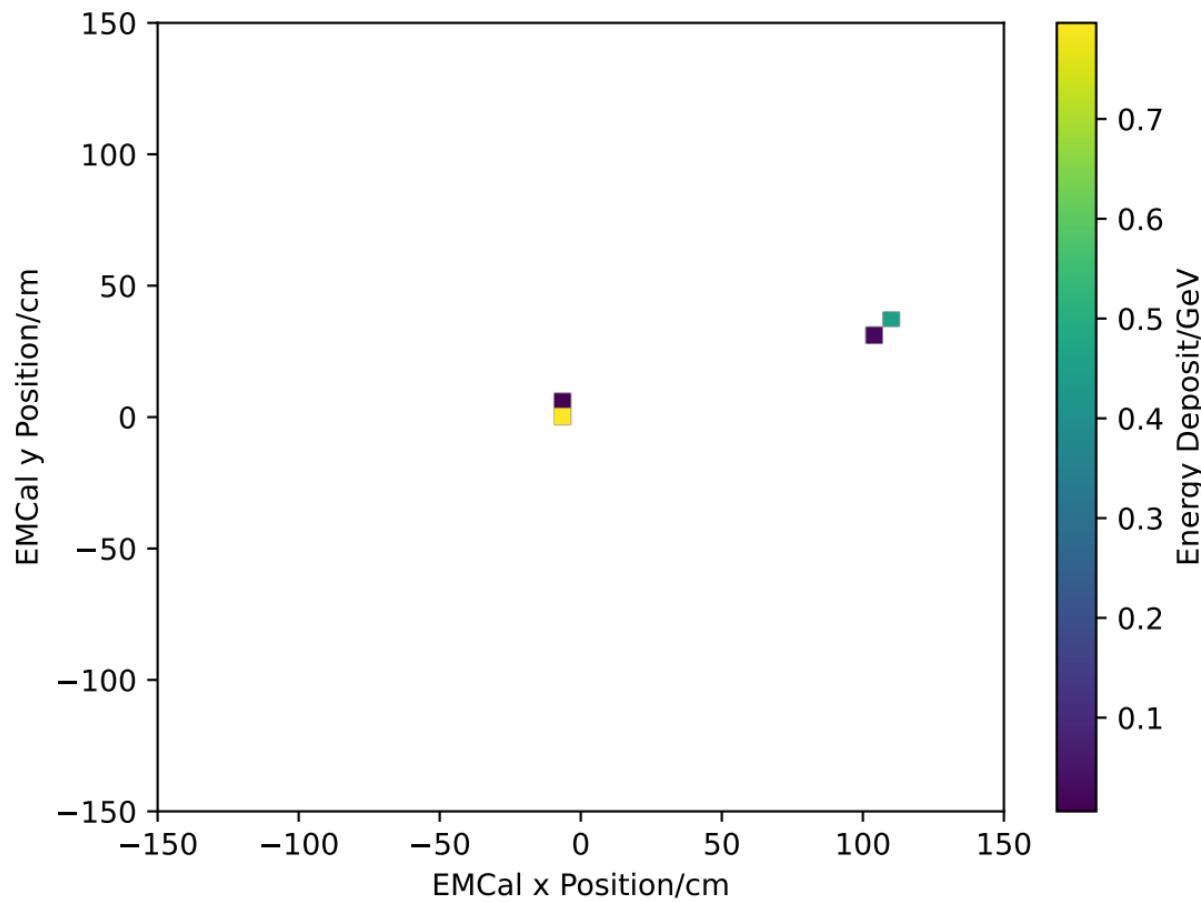


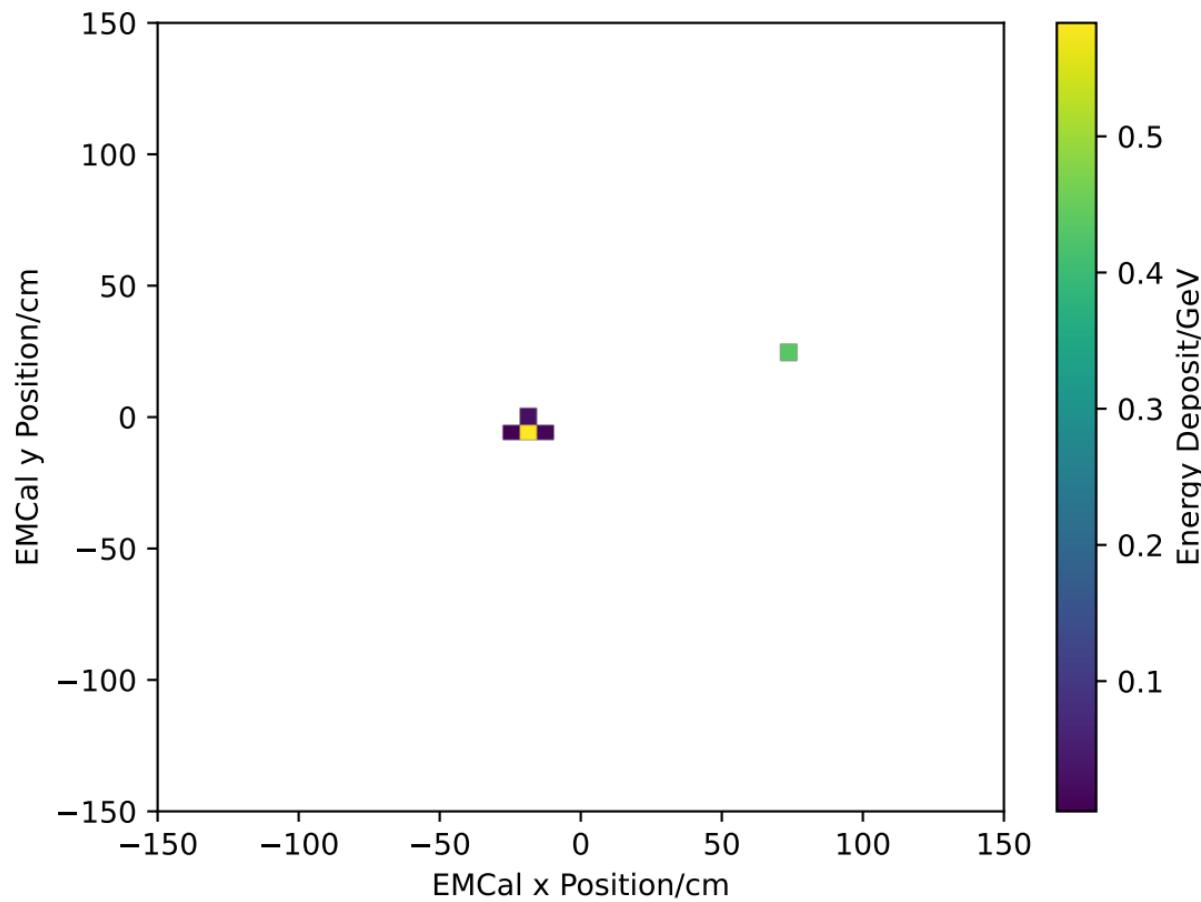


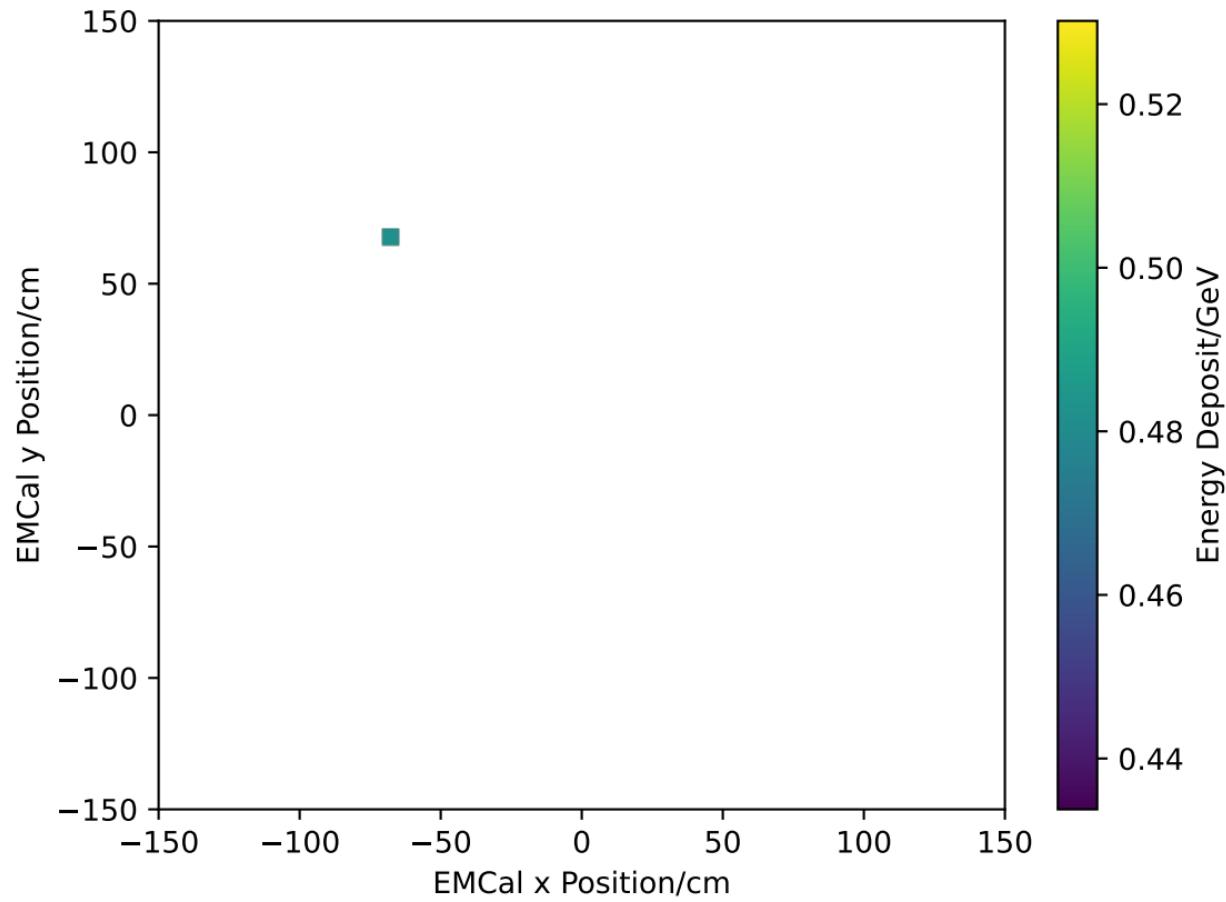


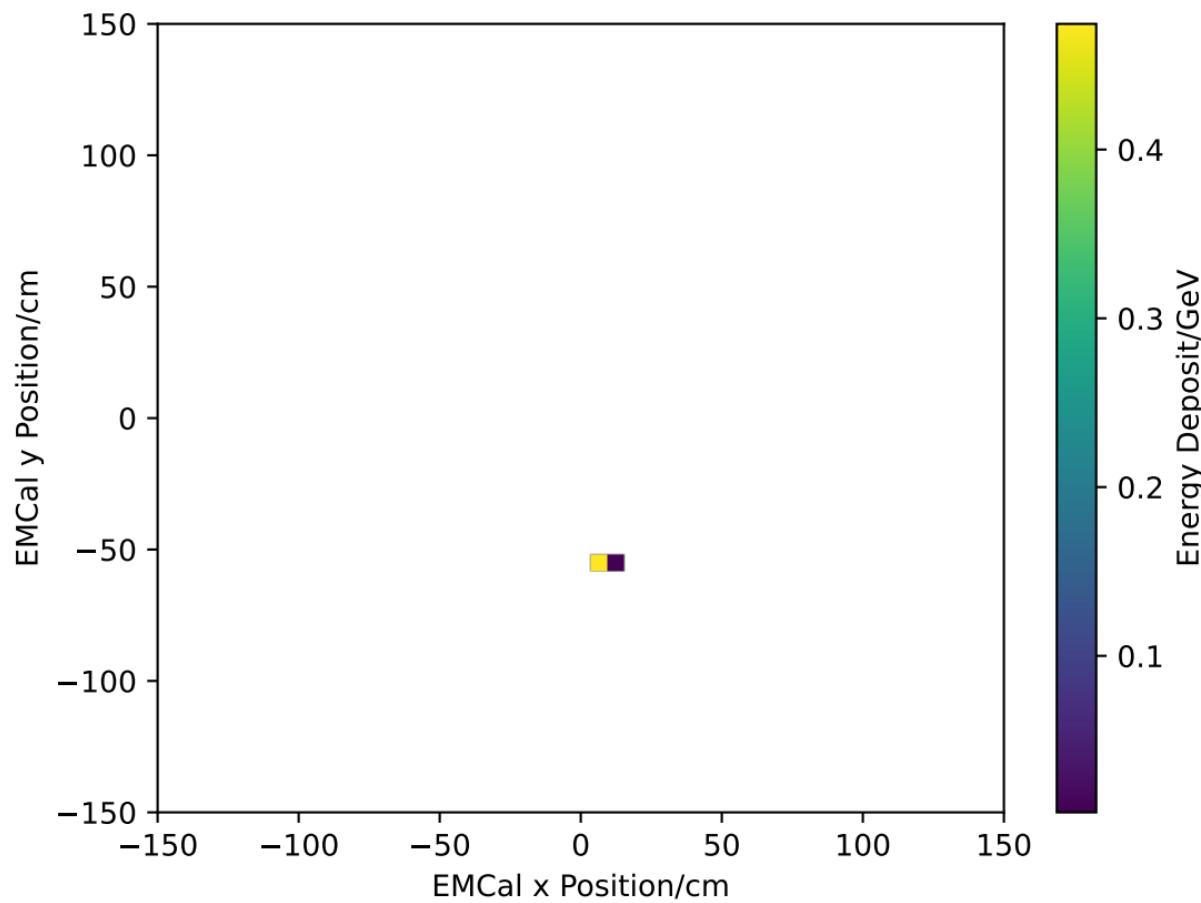
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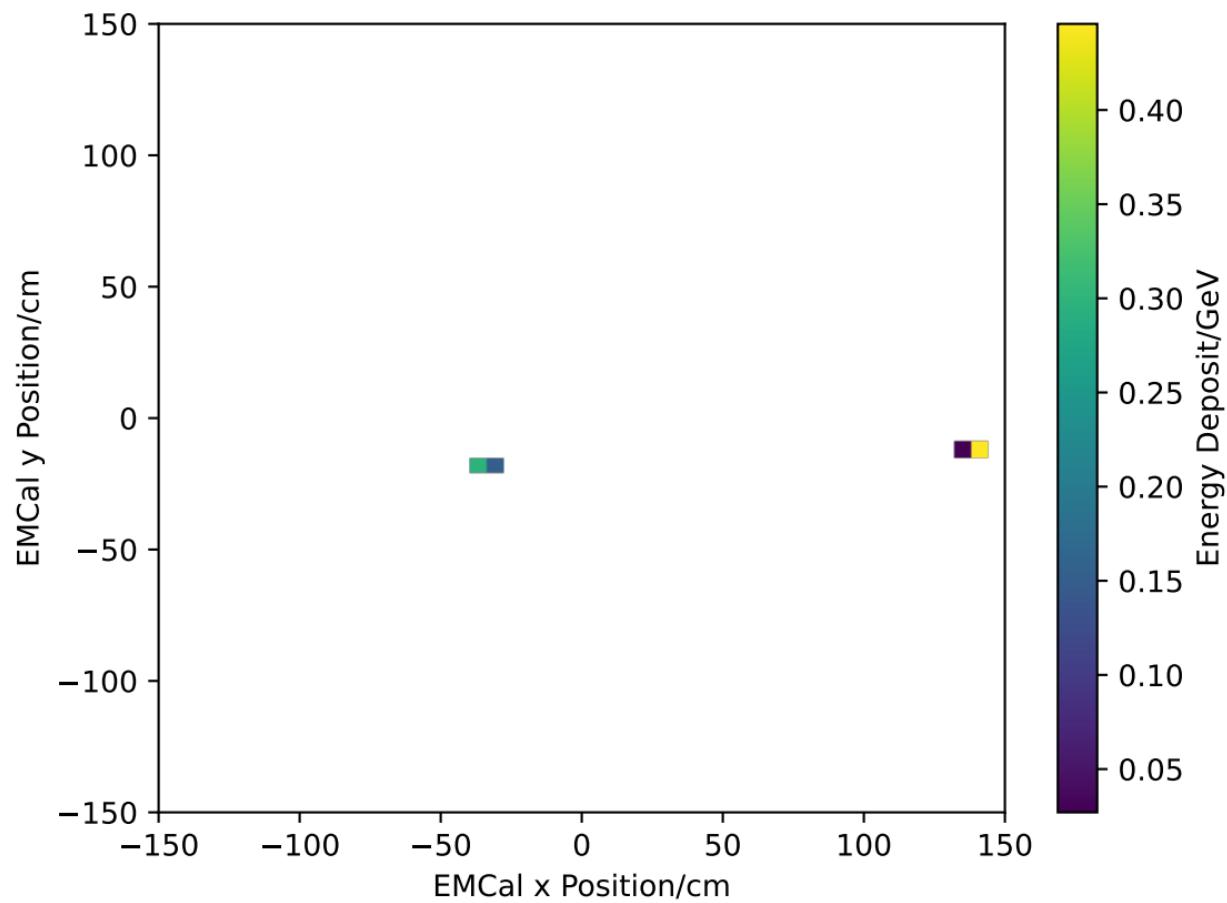


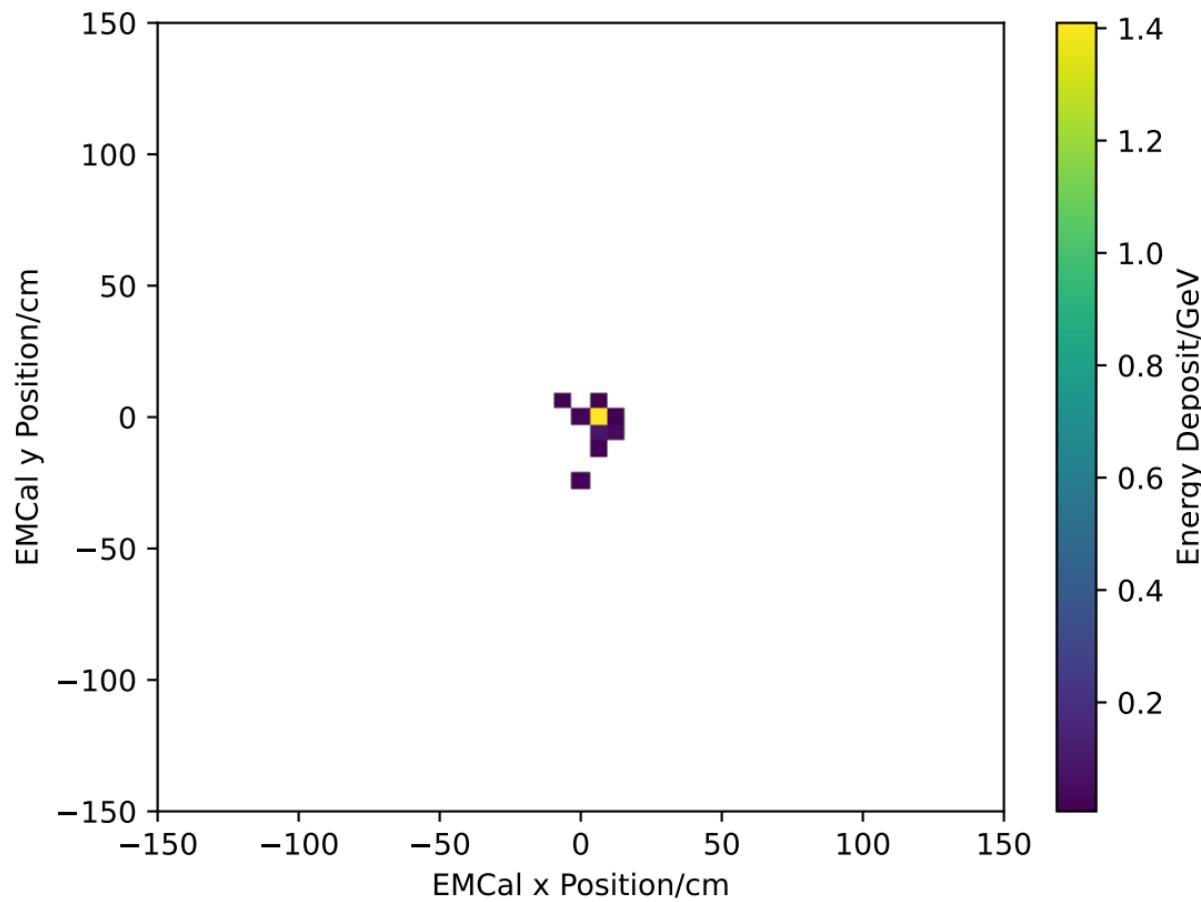


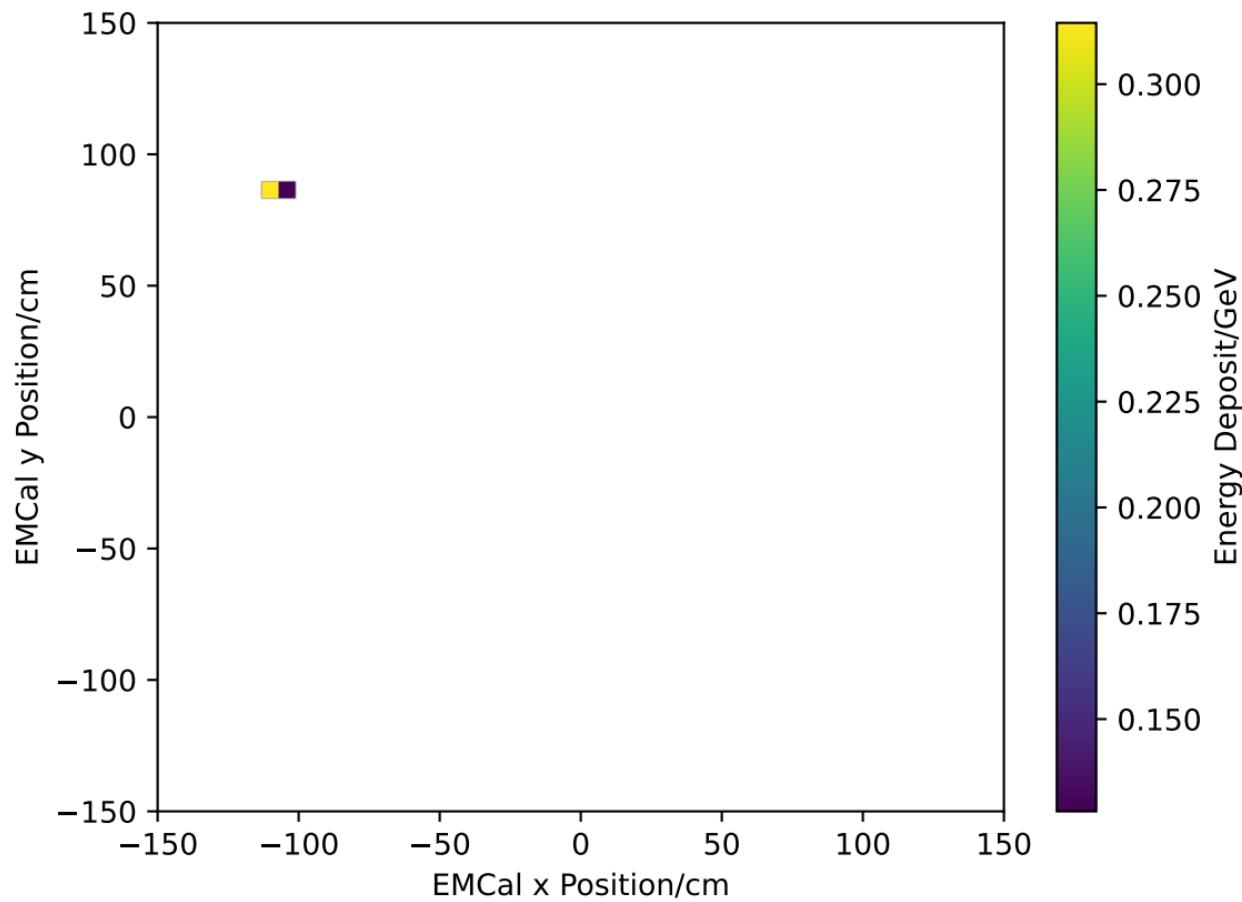


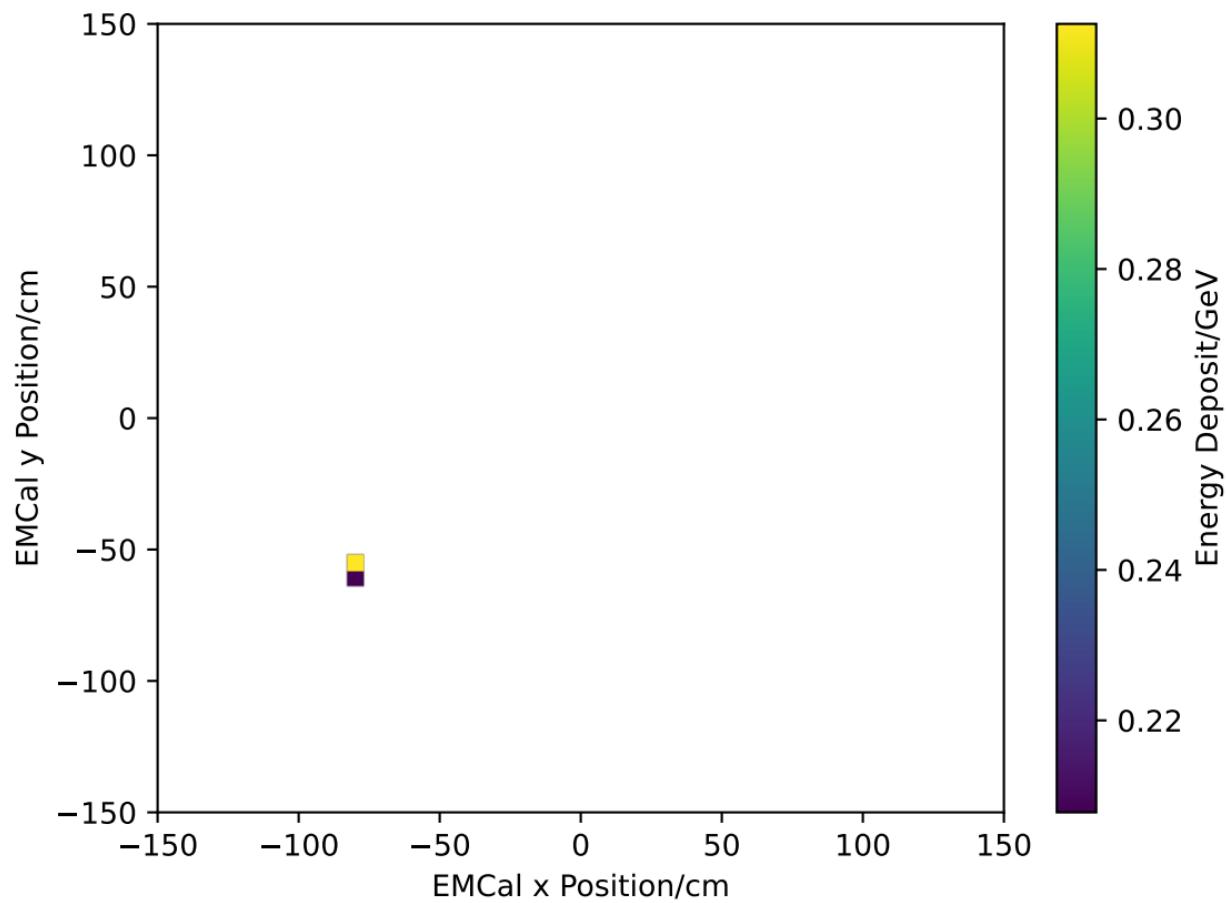


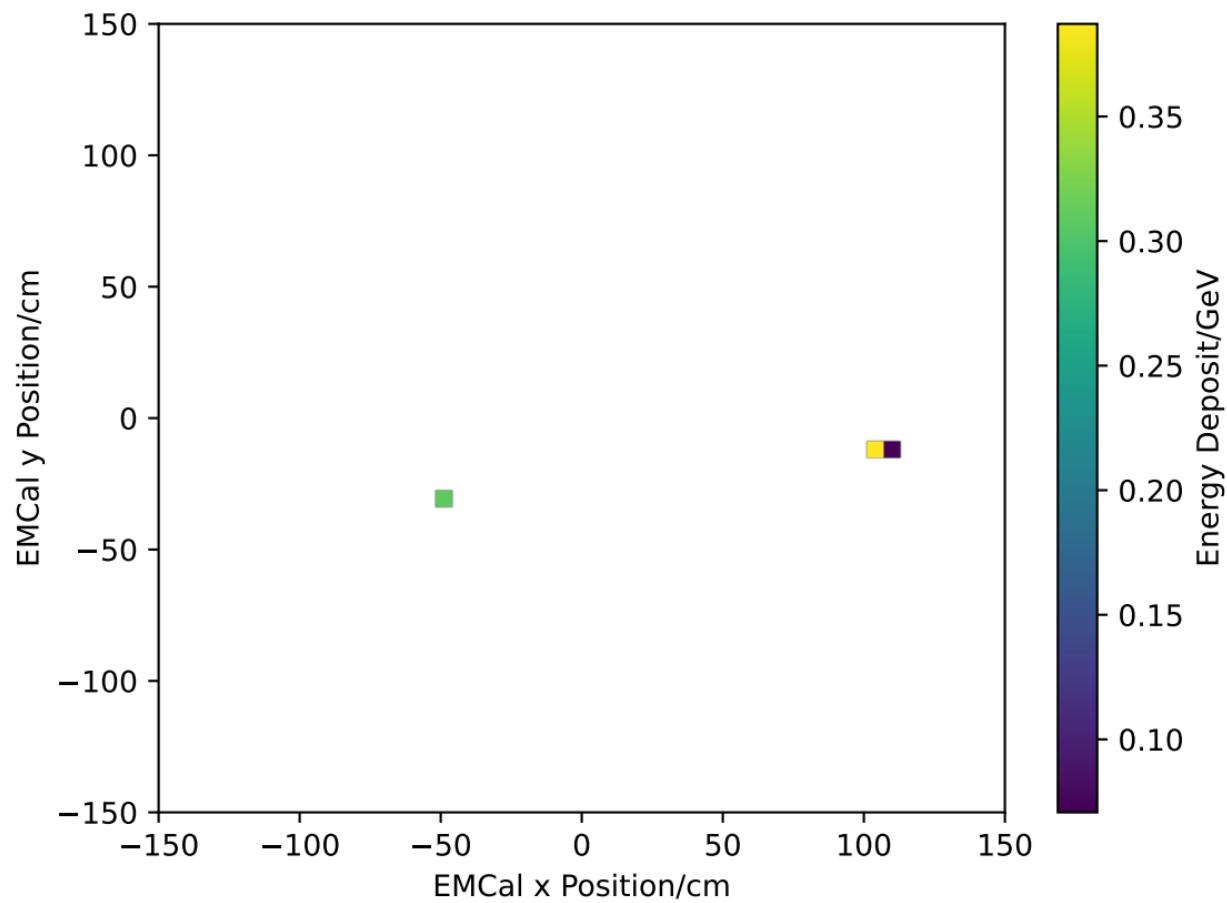


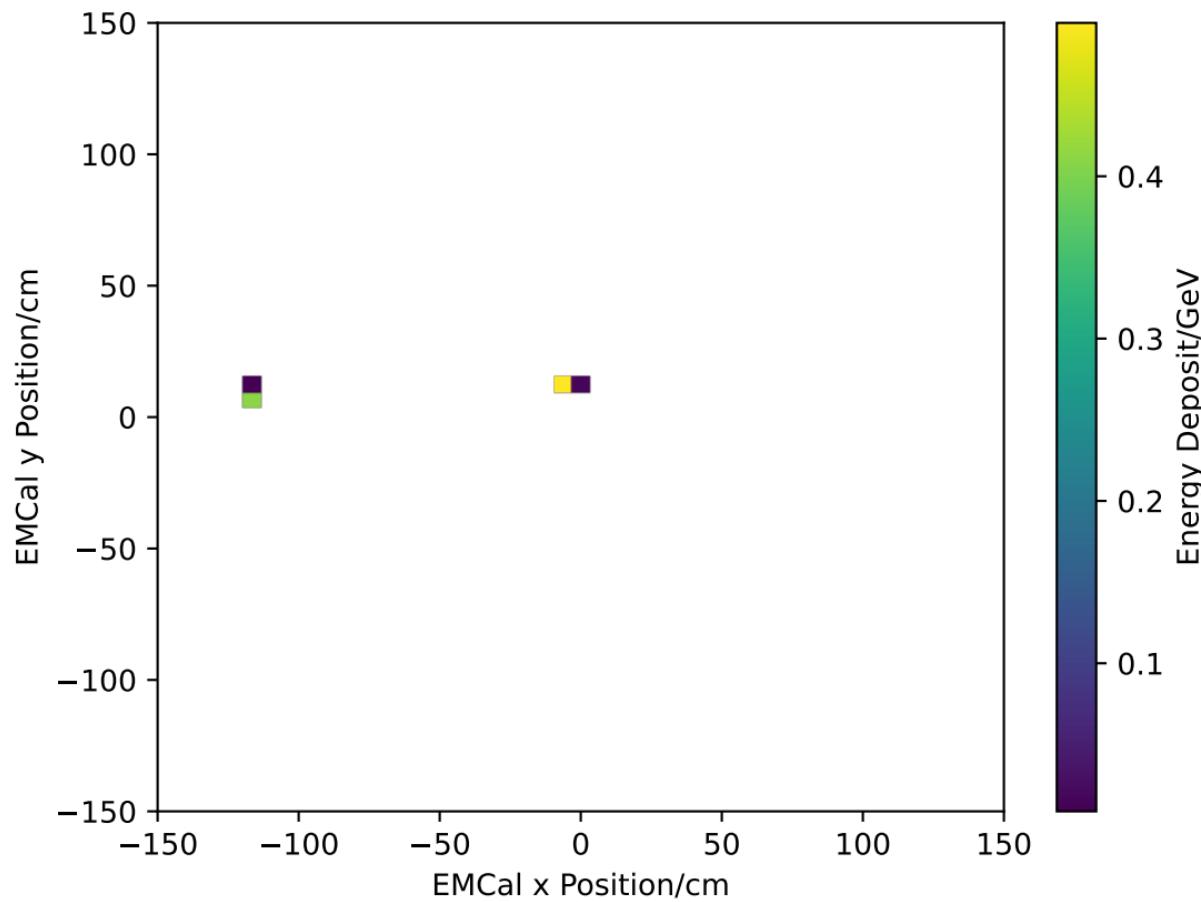


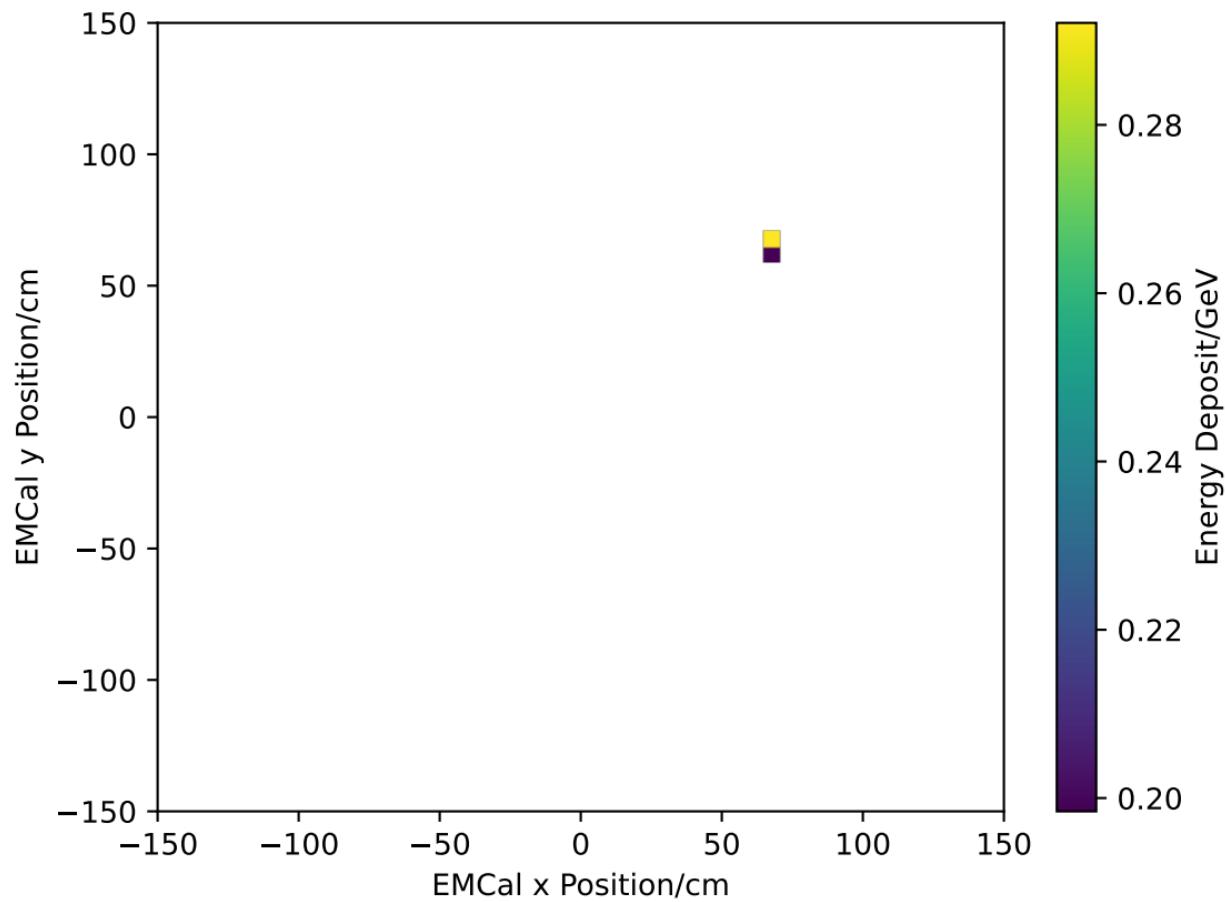


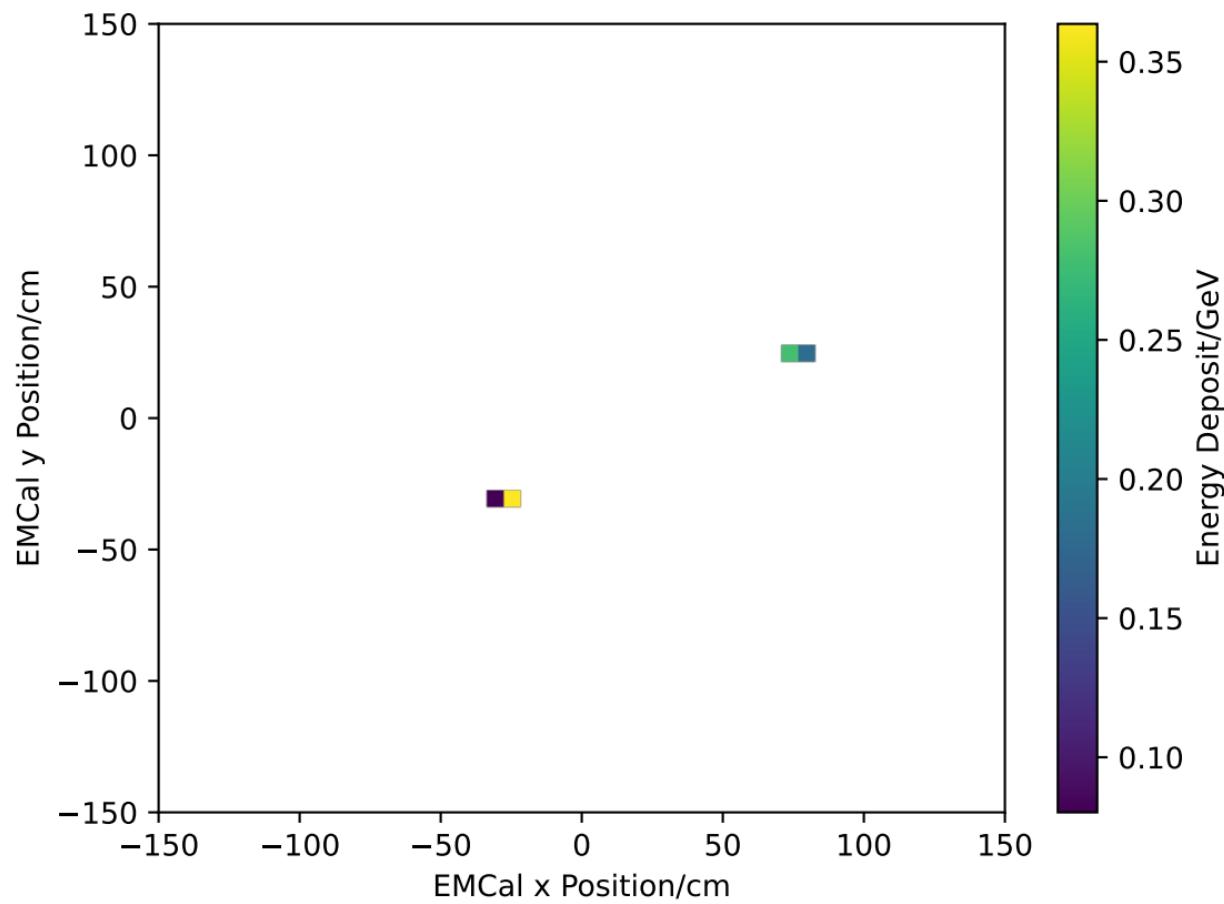


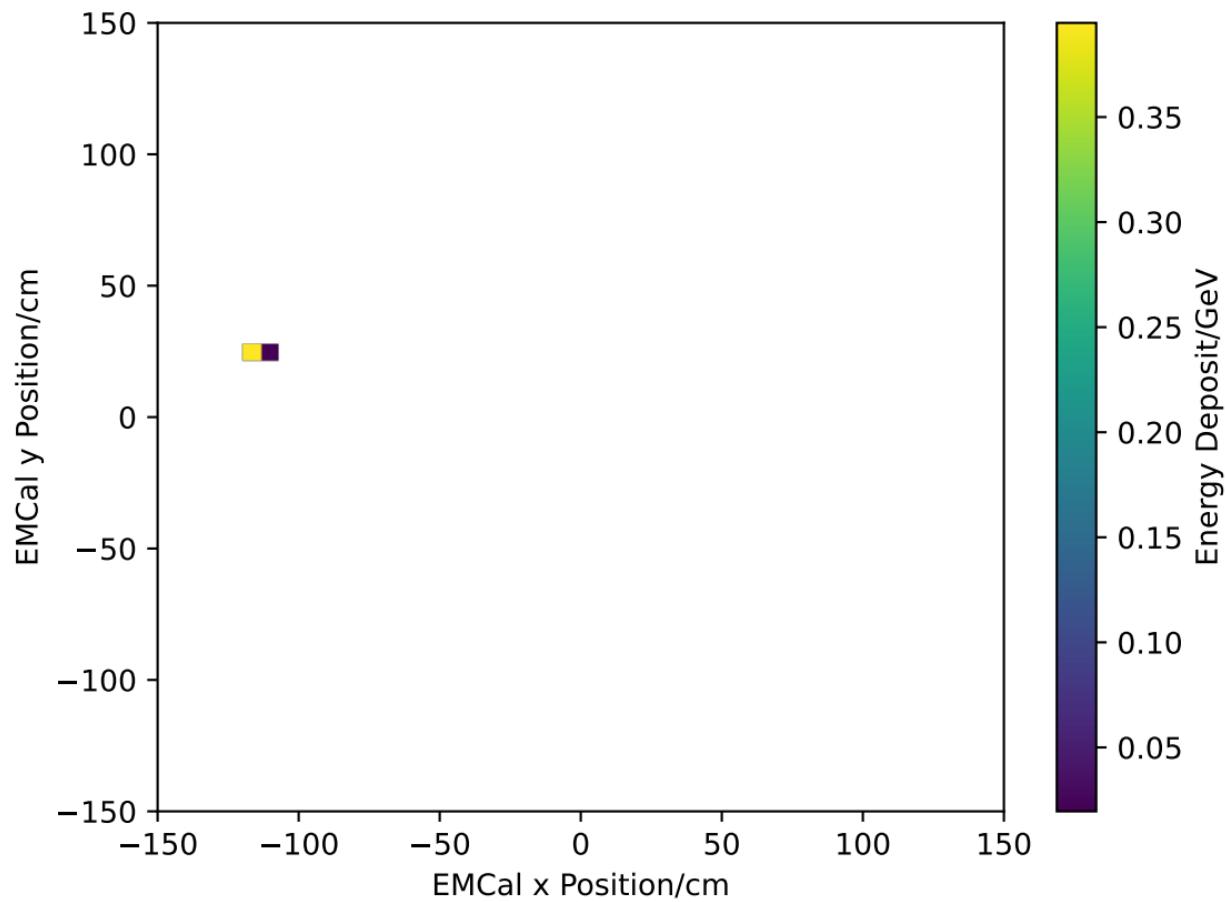


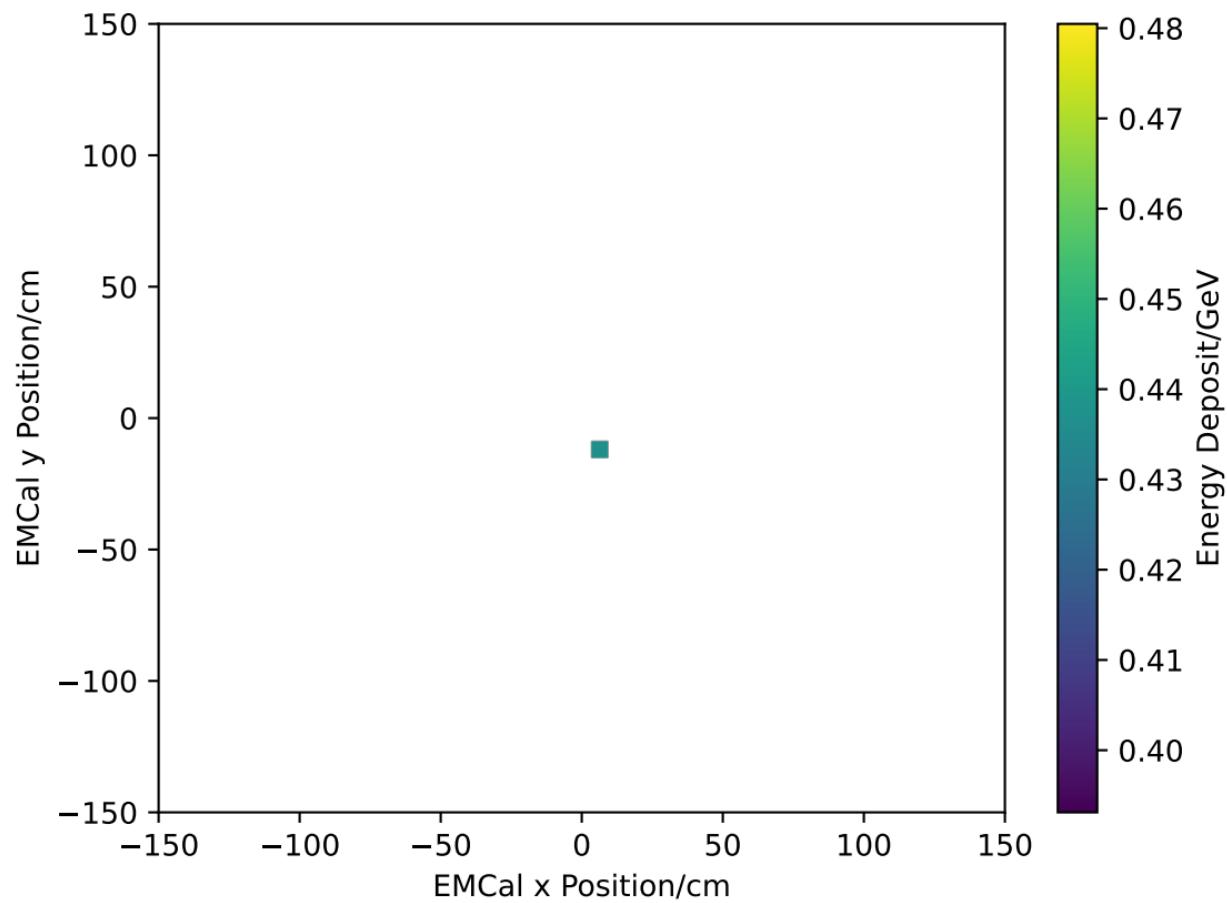


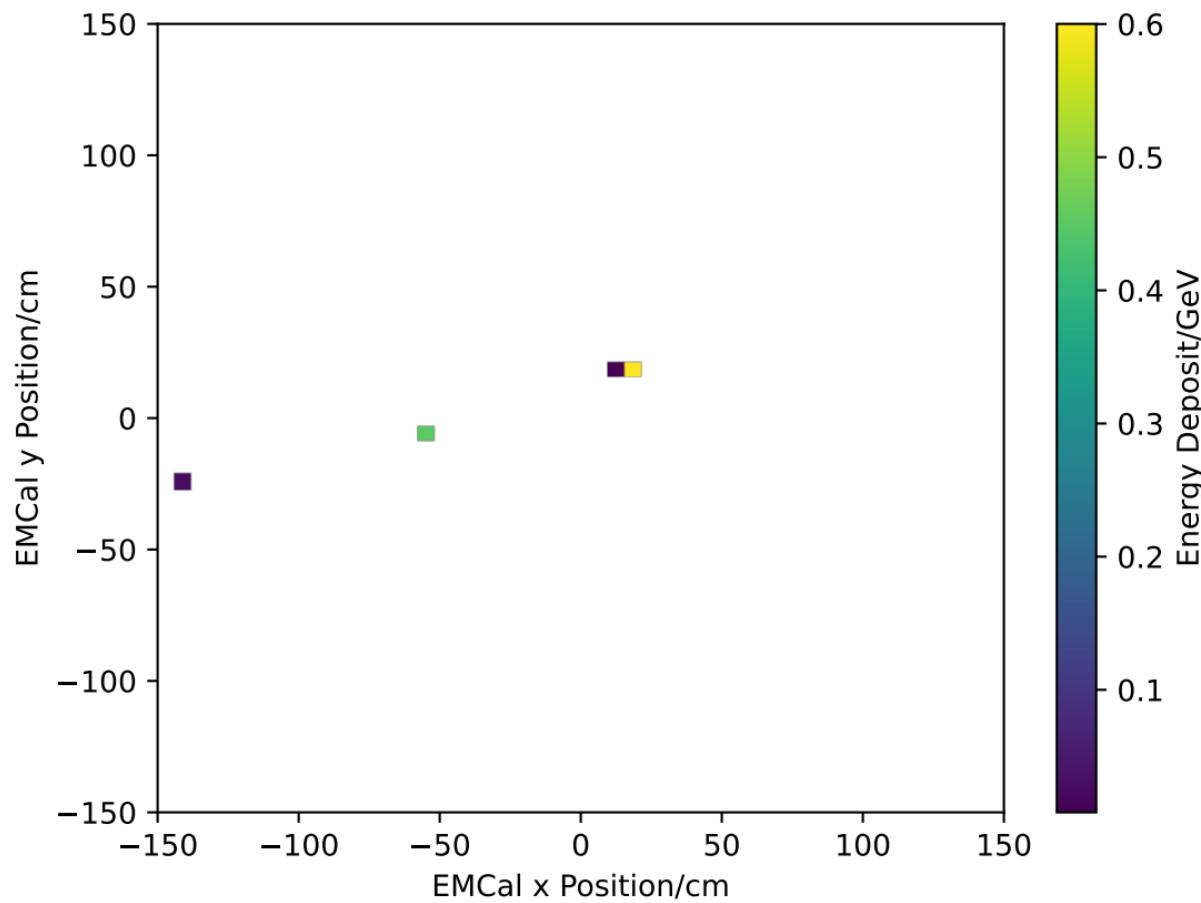


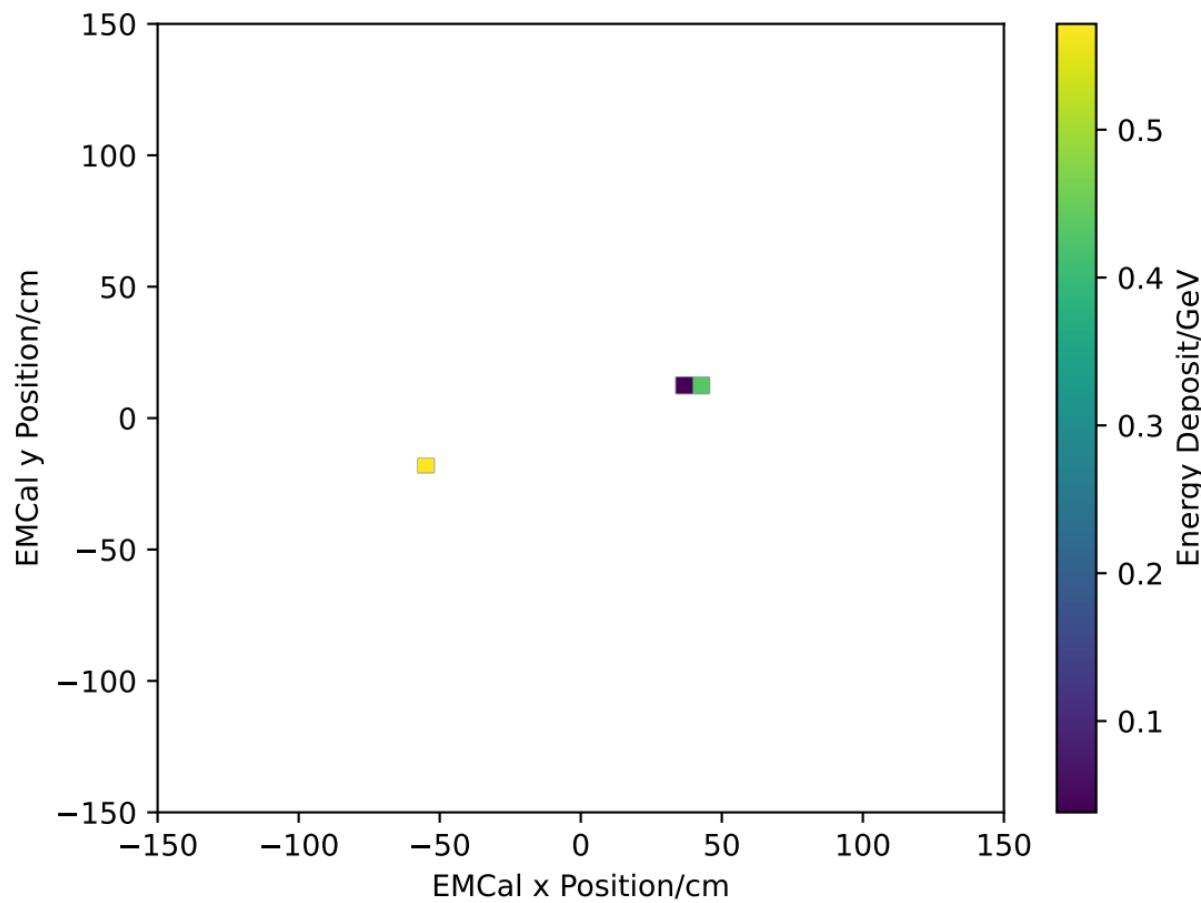


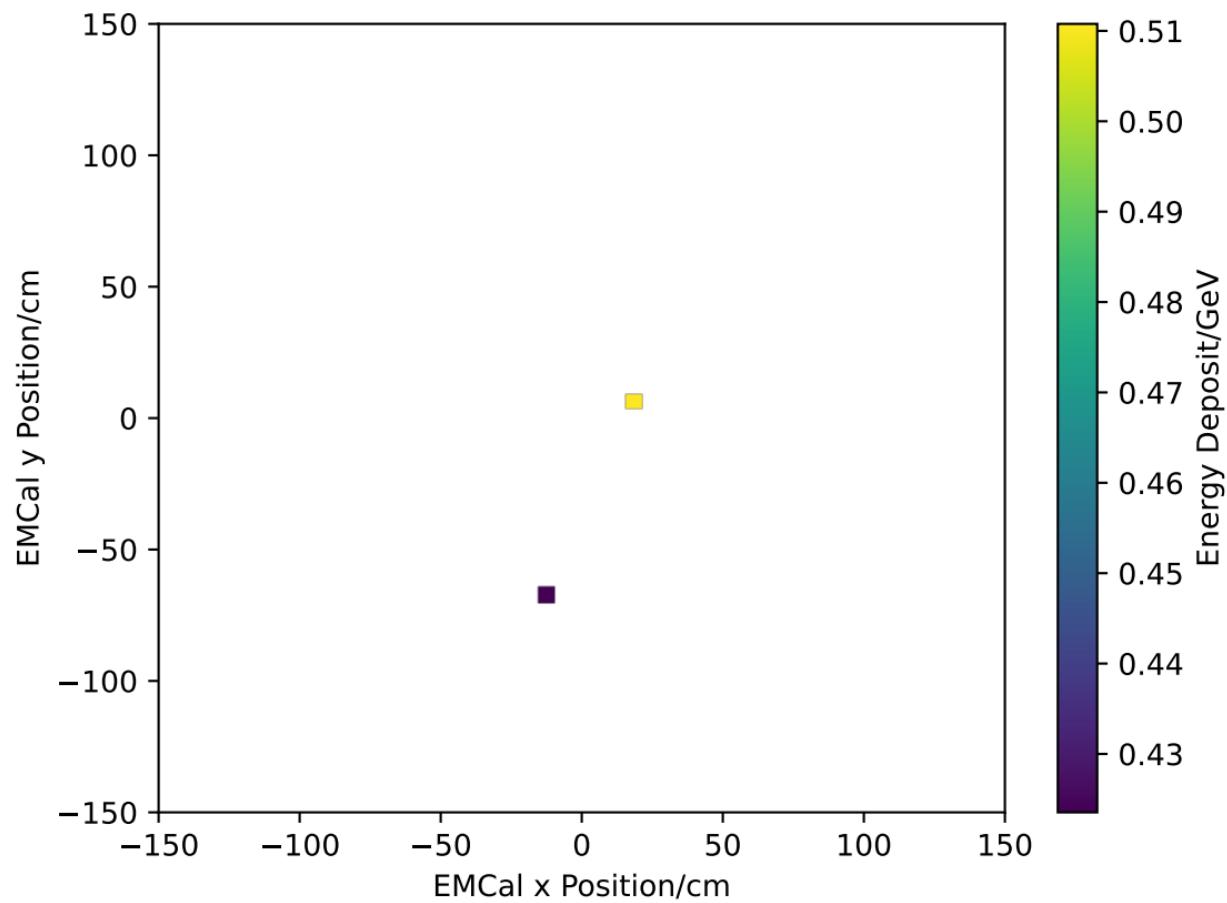


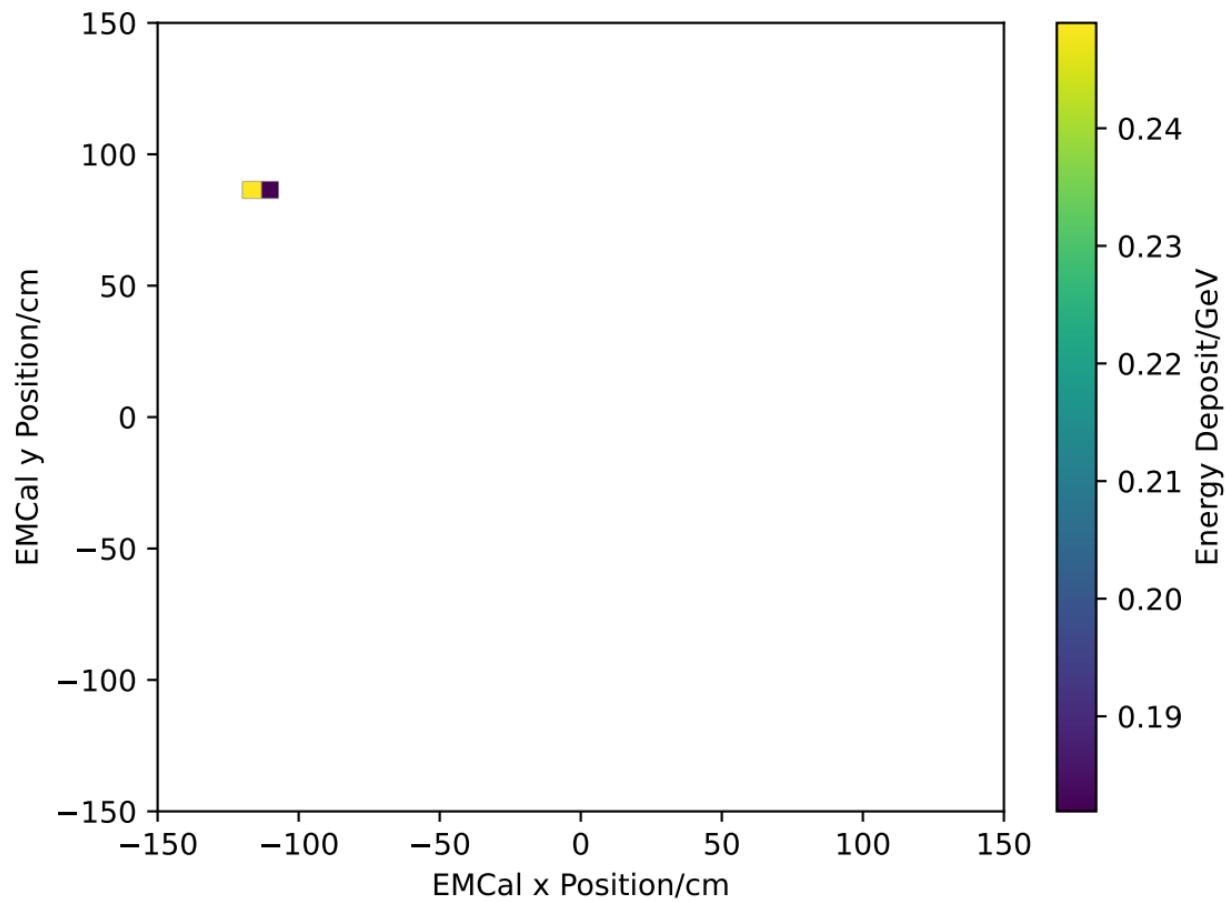


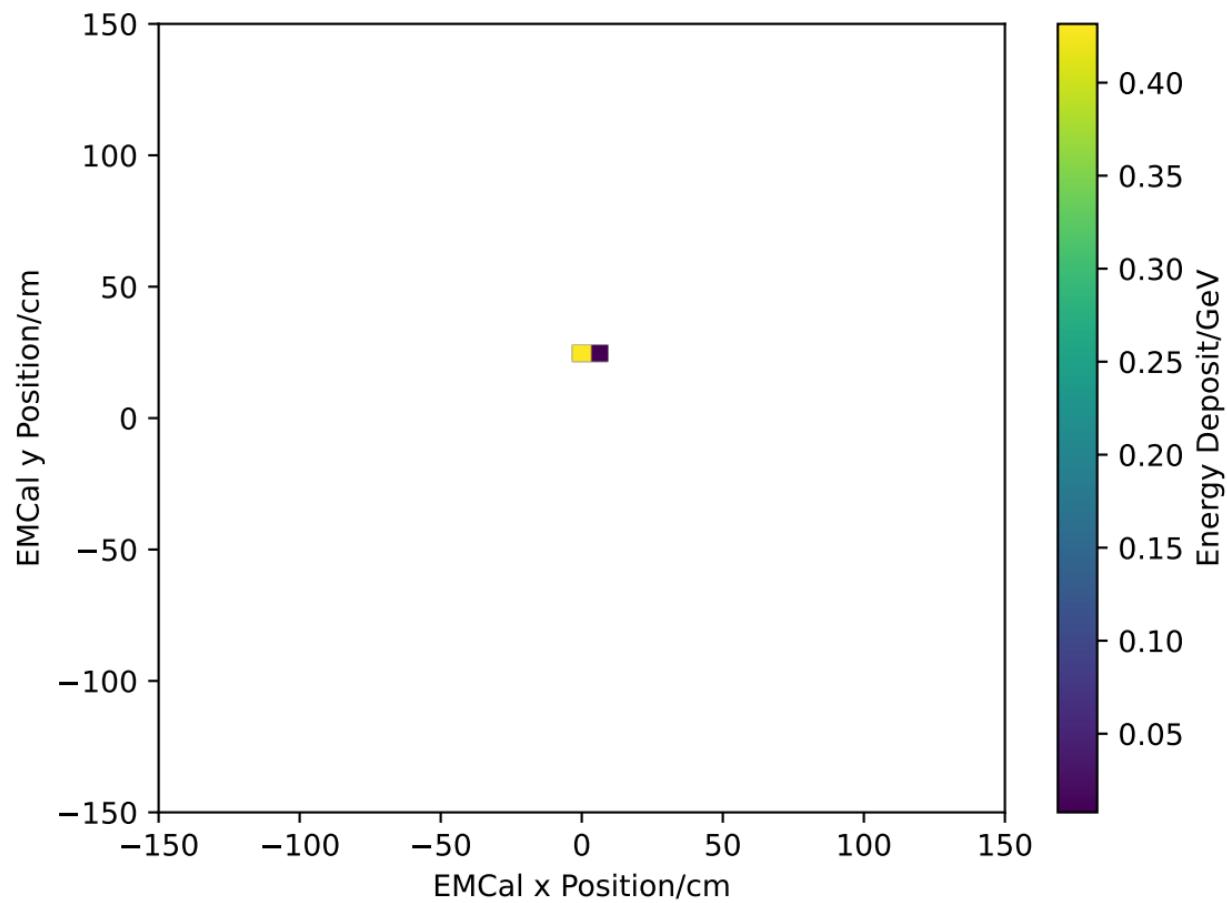


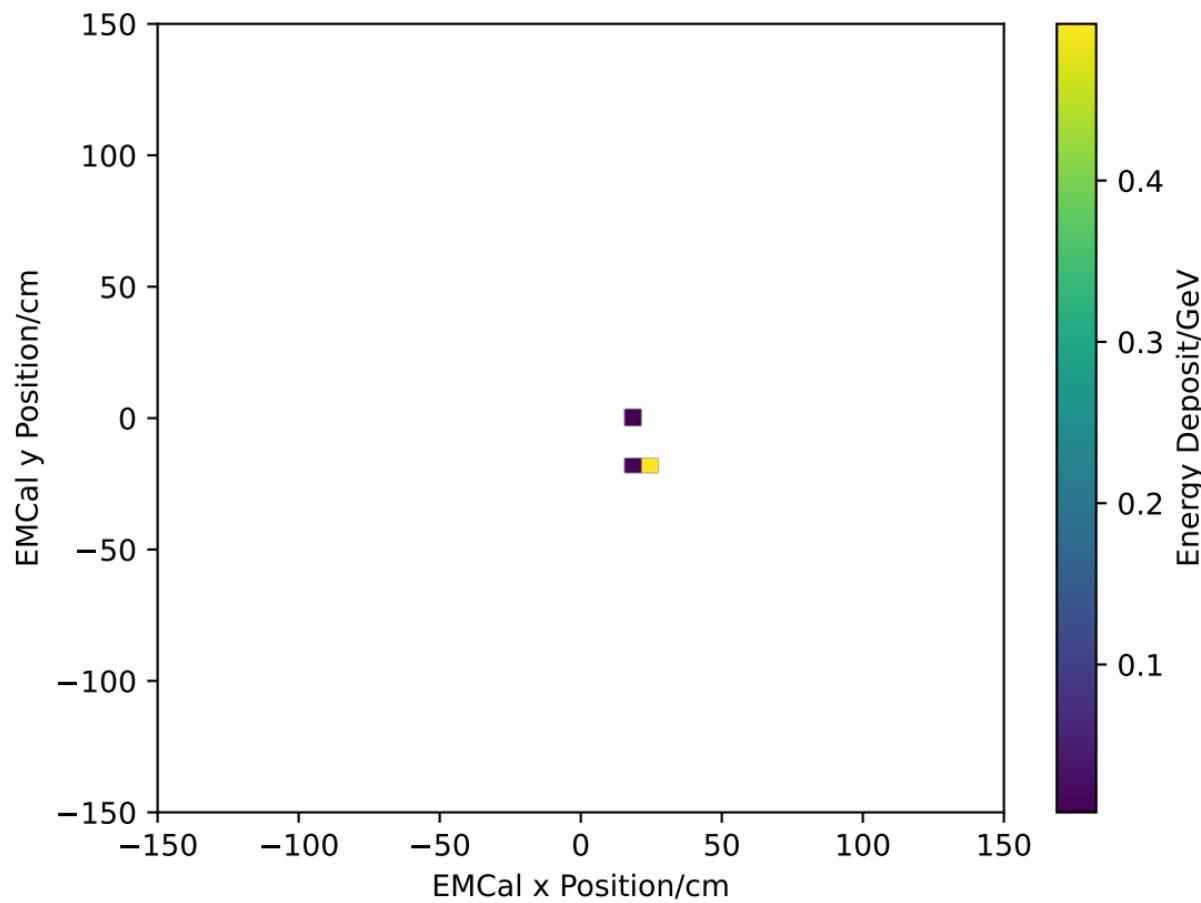


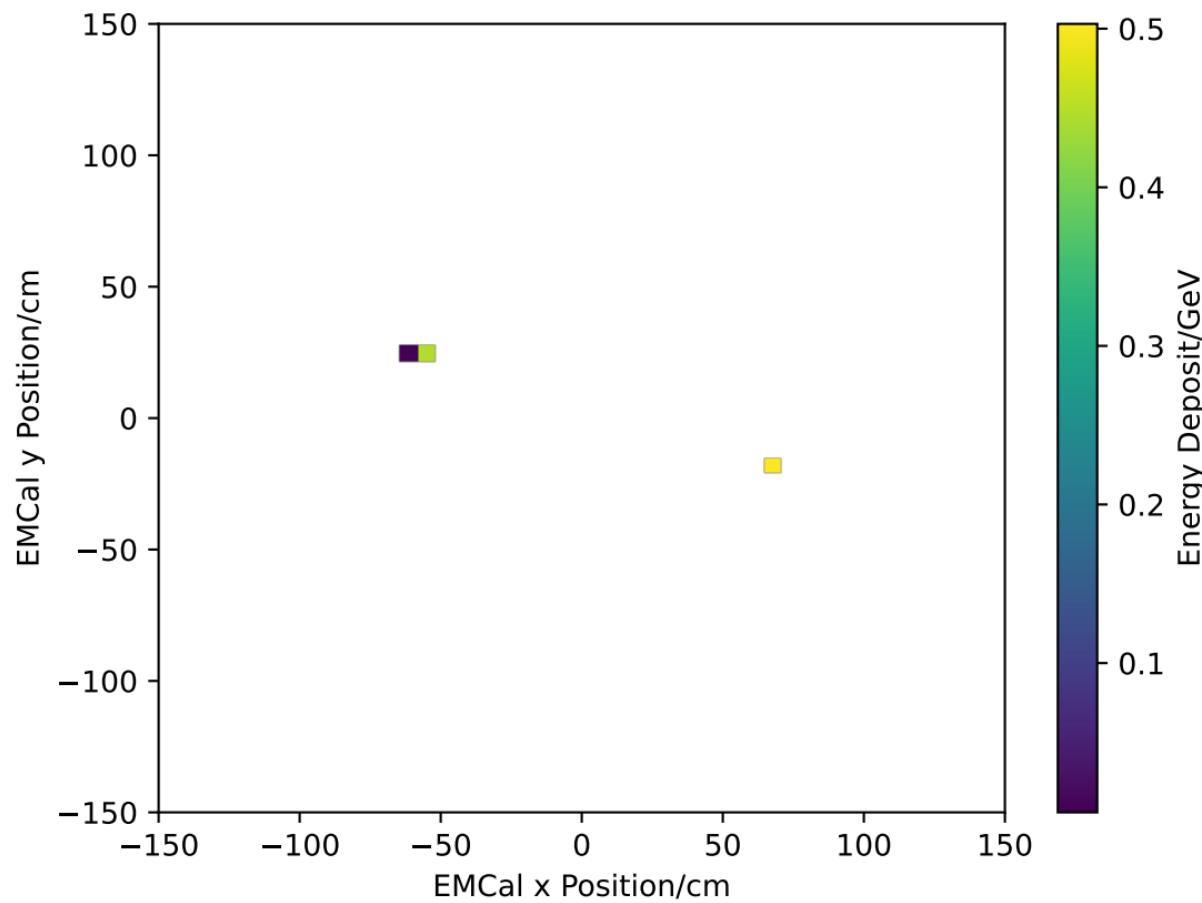




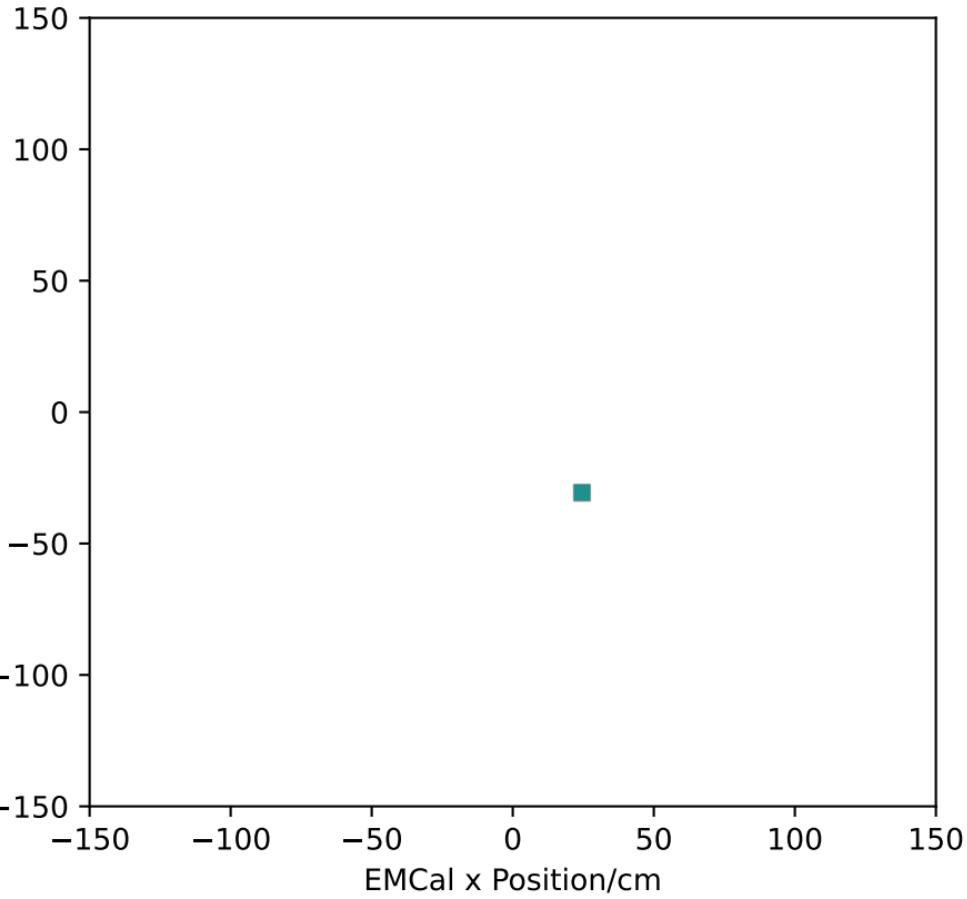




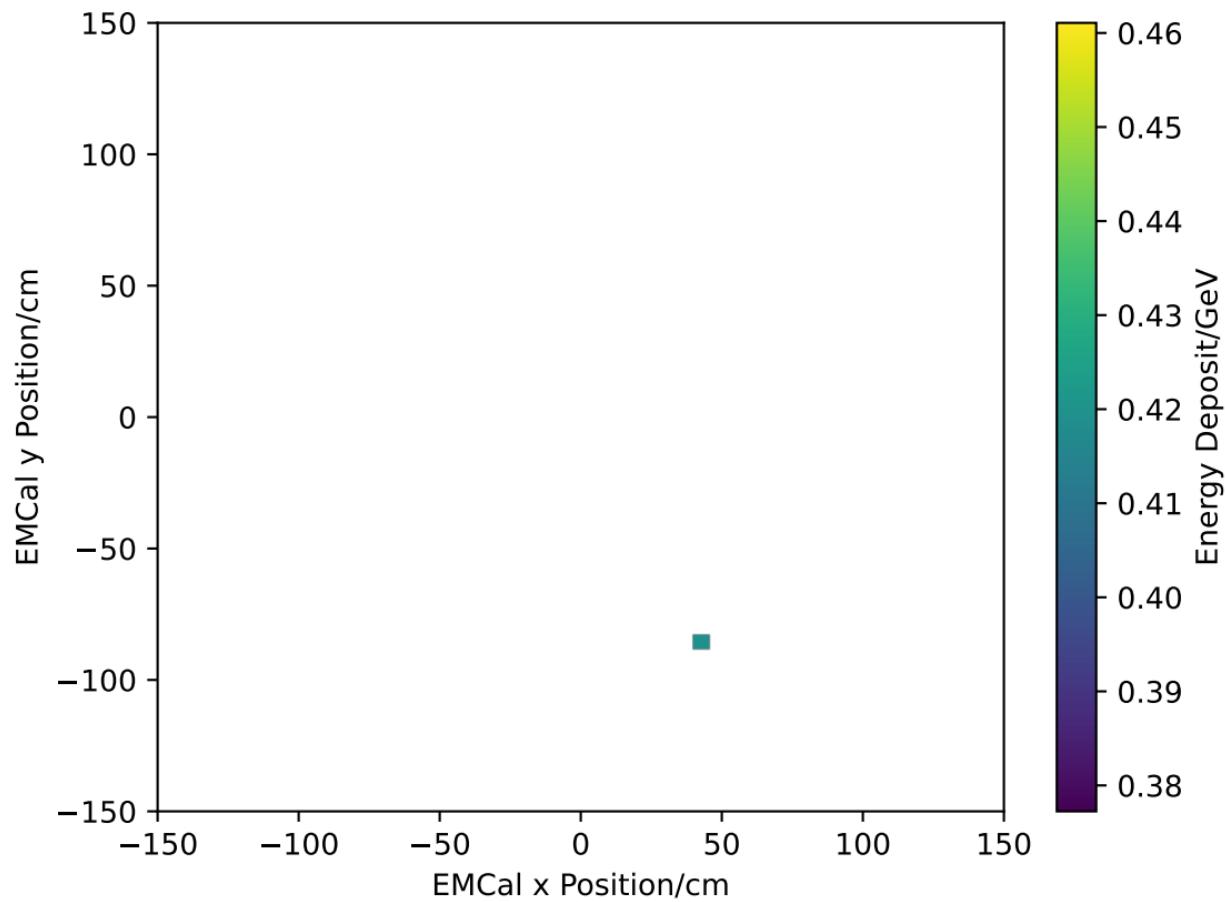


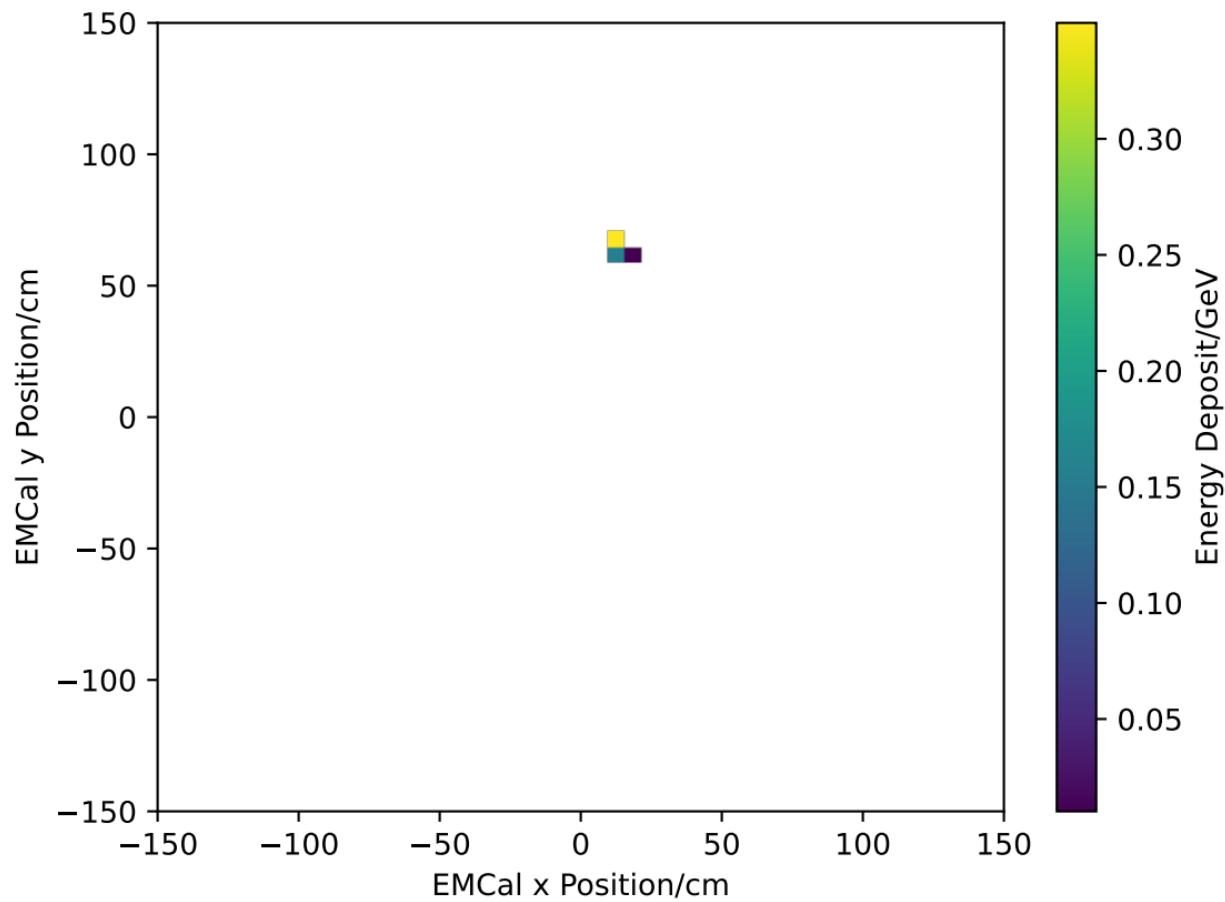


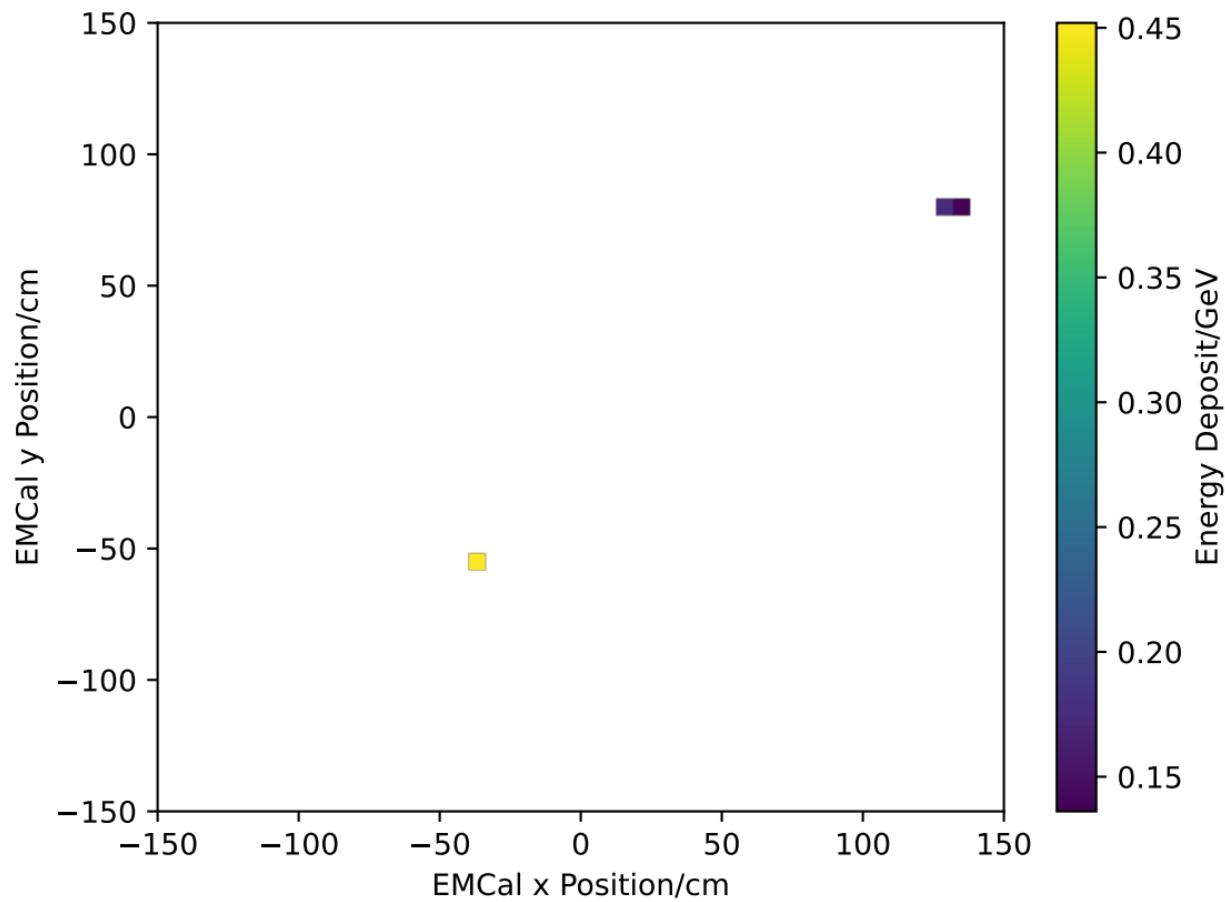
EMCal y Position/cm

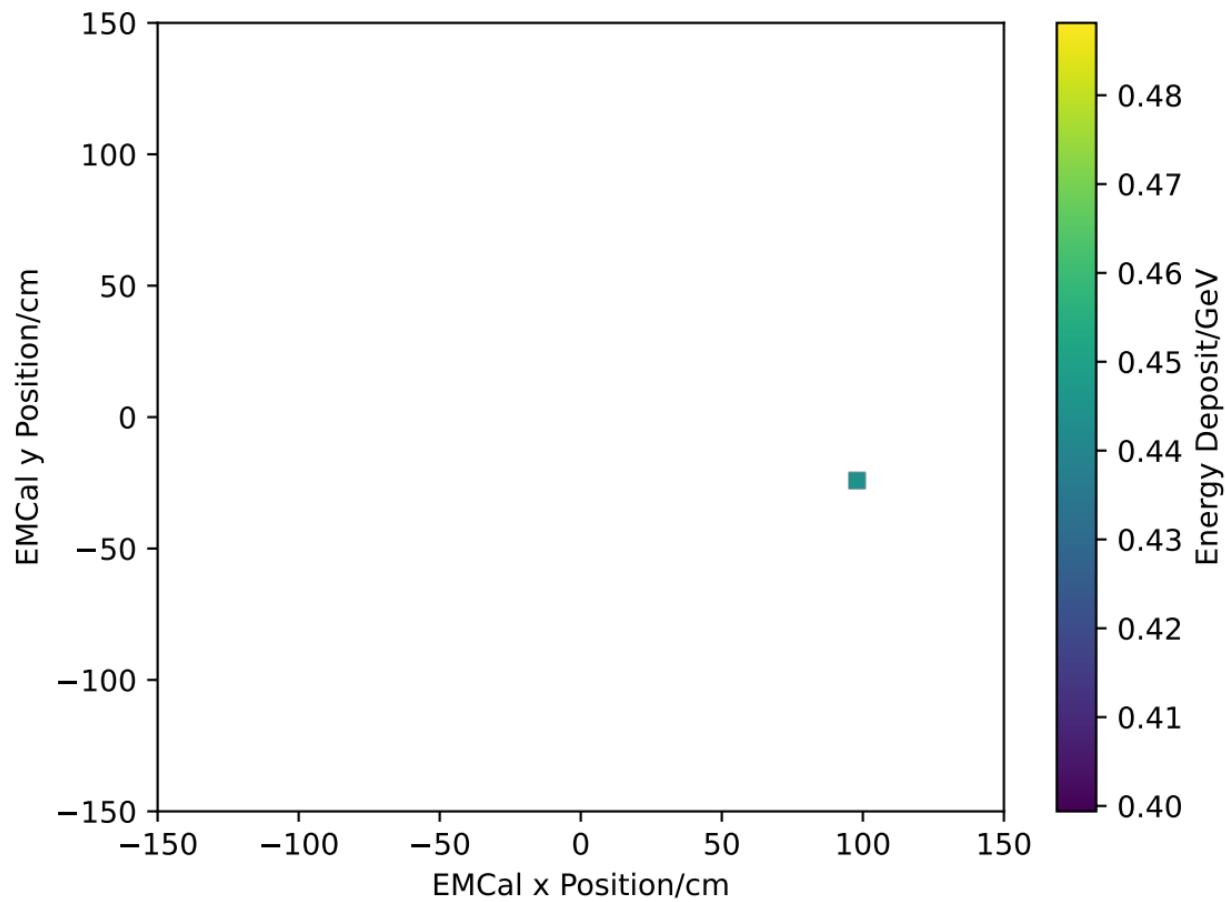


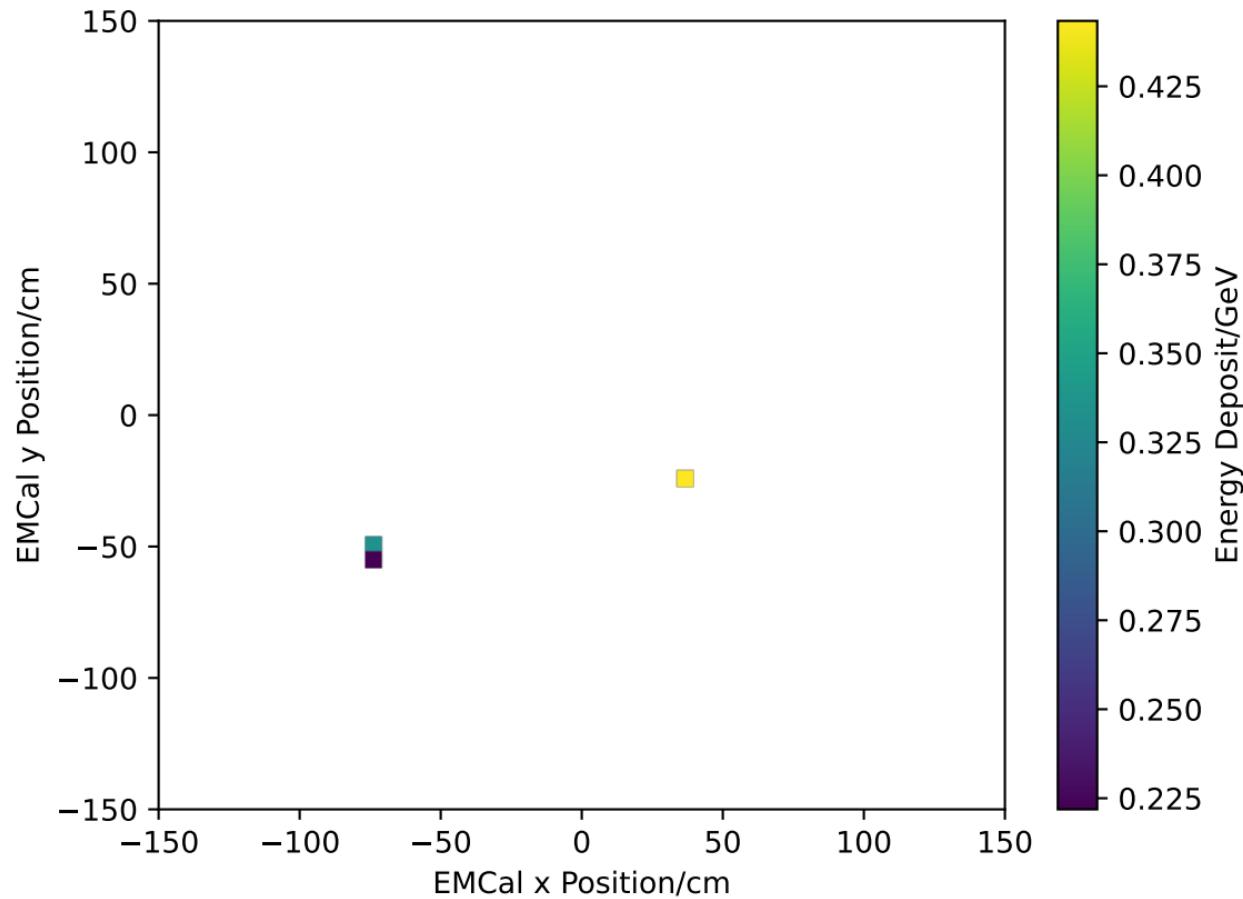
Energy Deposit/GeV

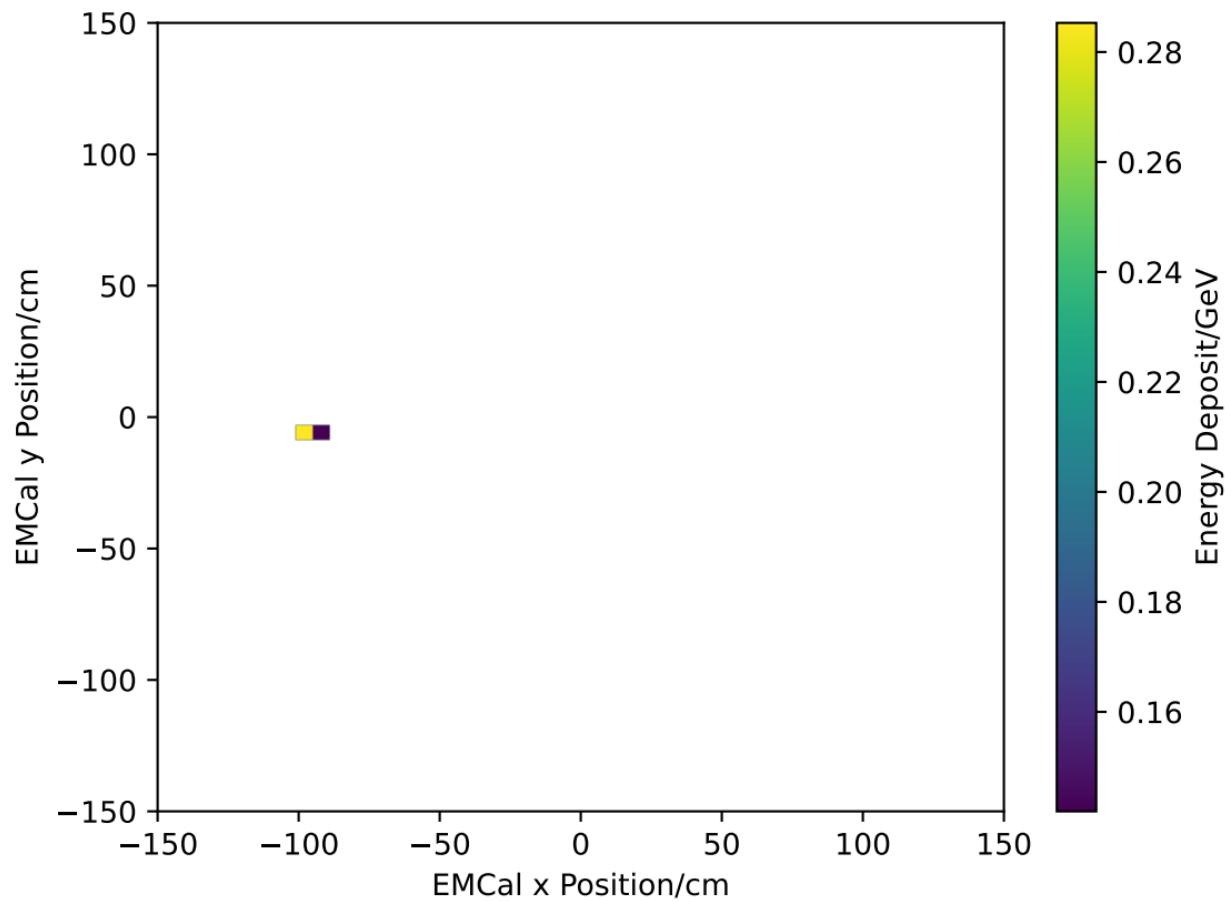


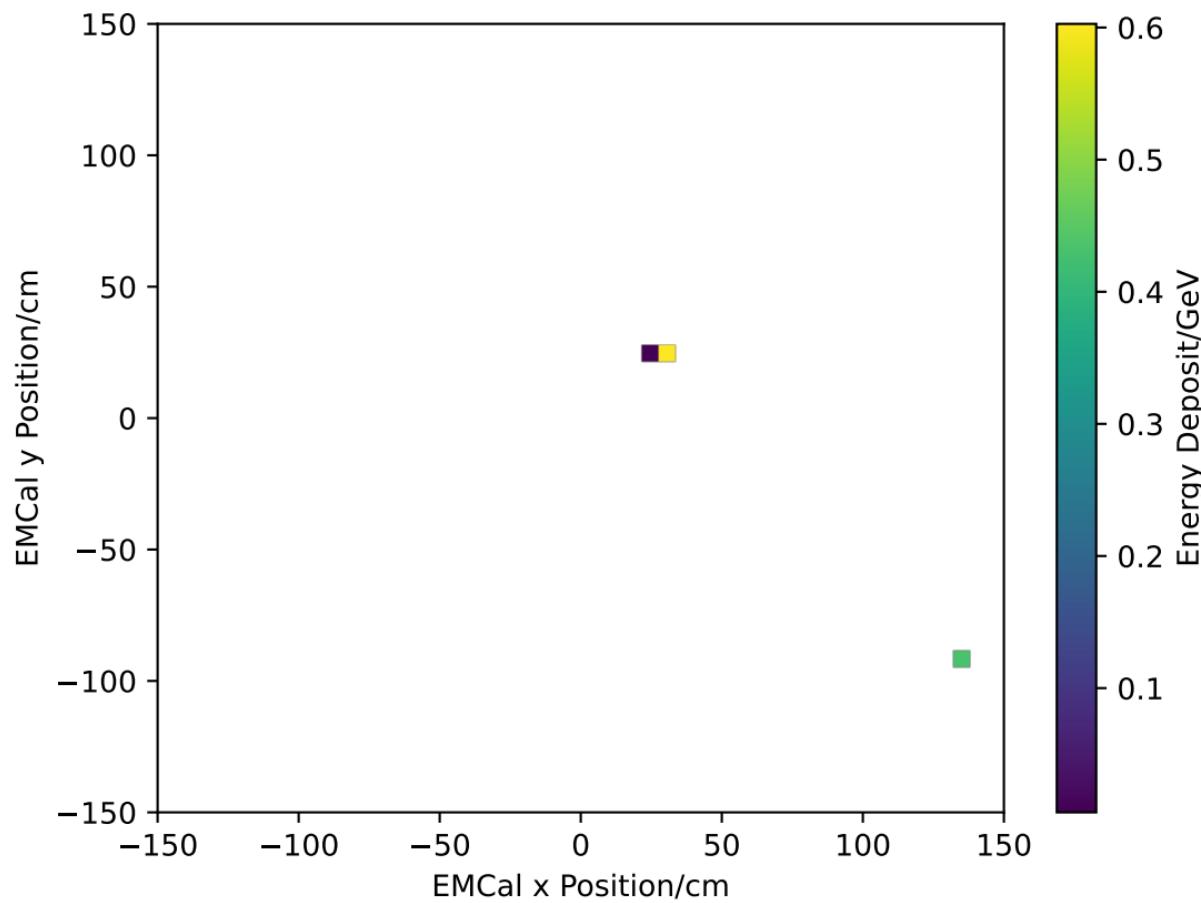


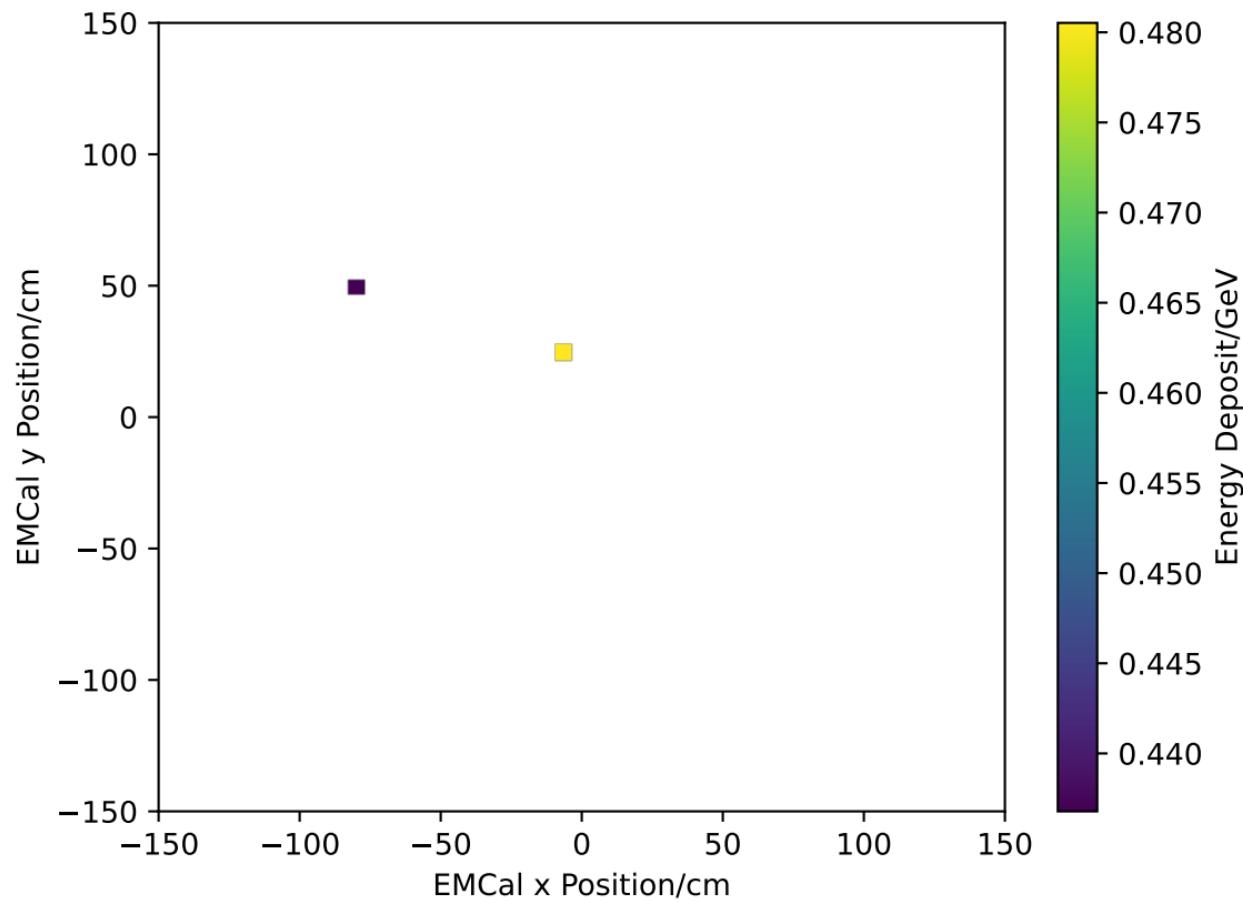


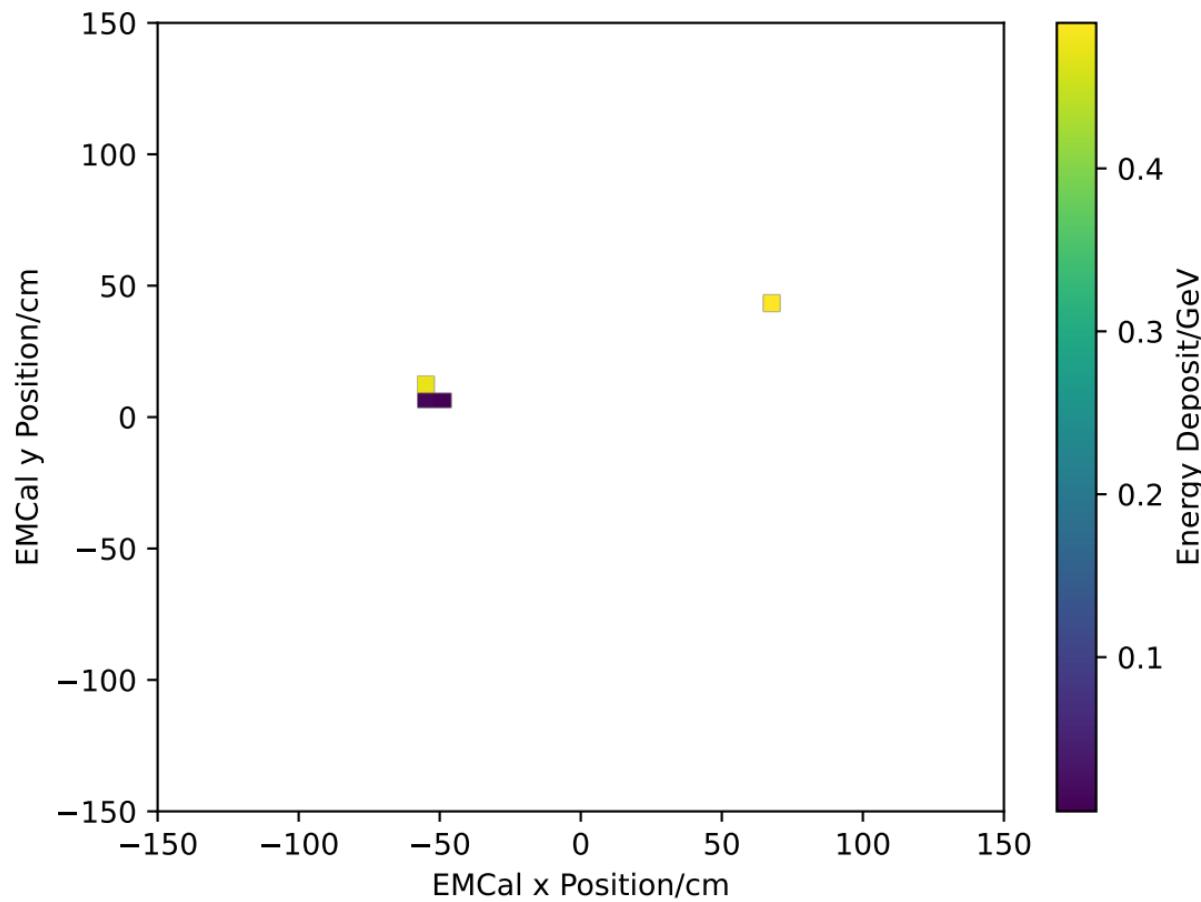


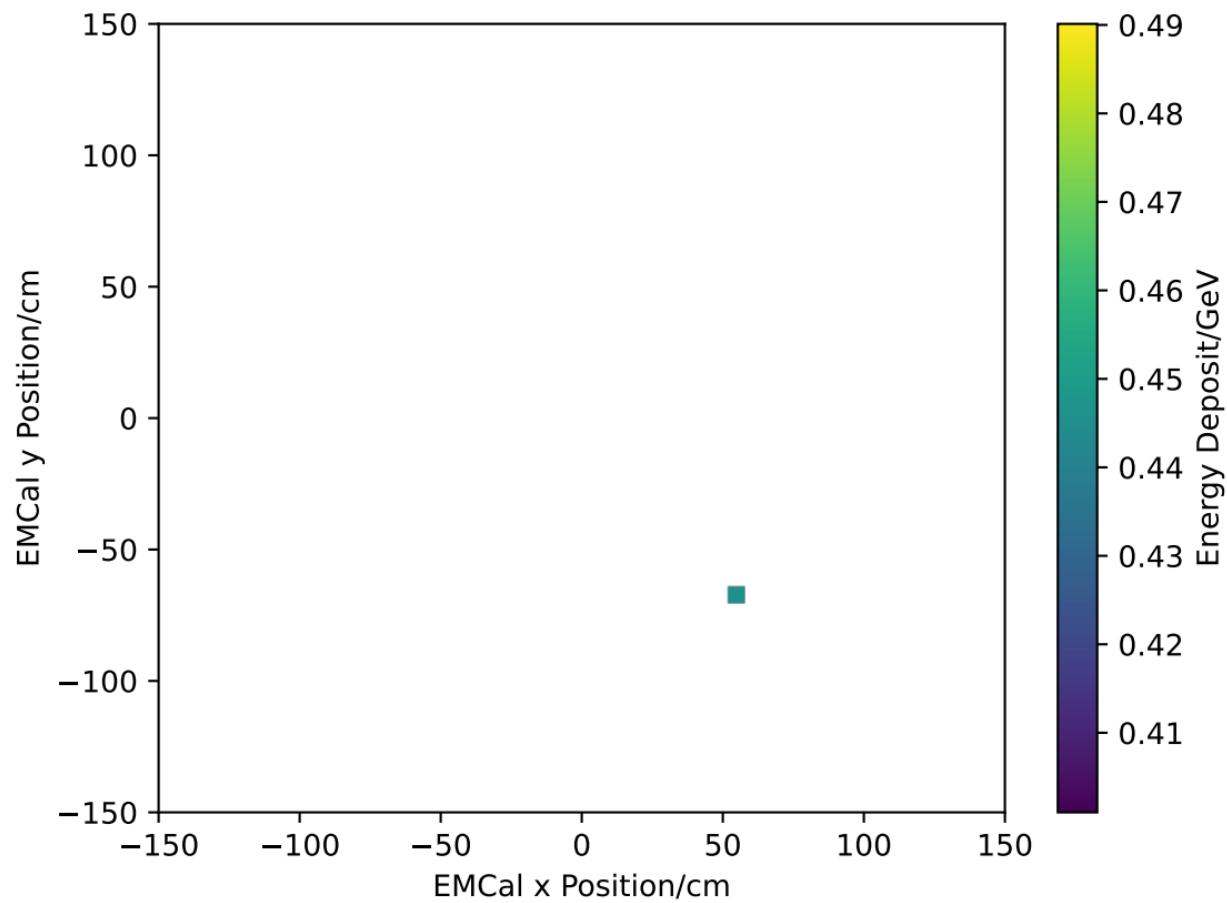


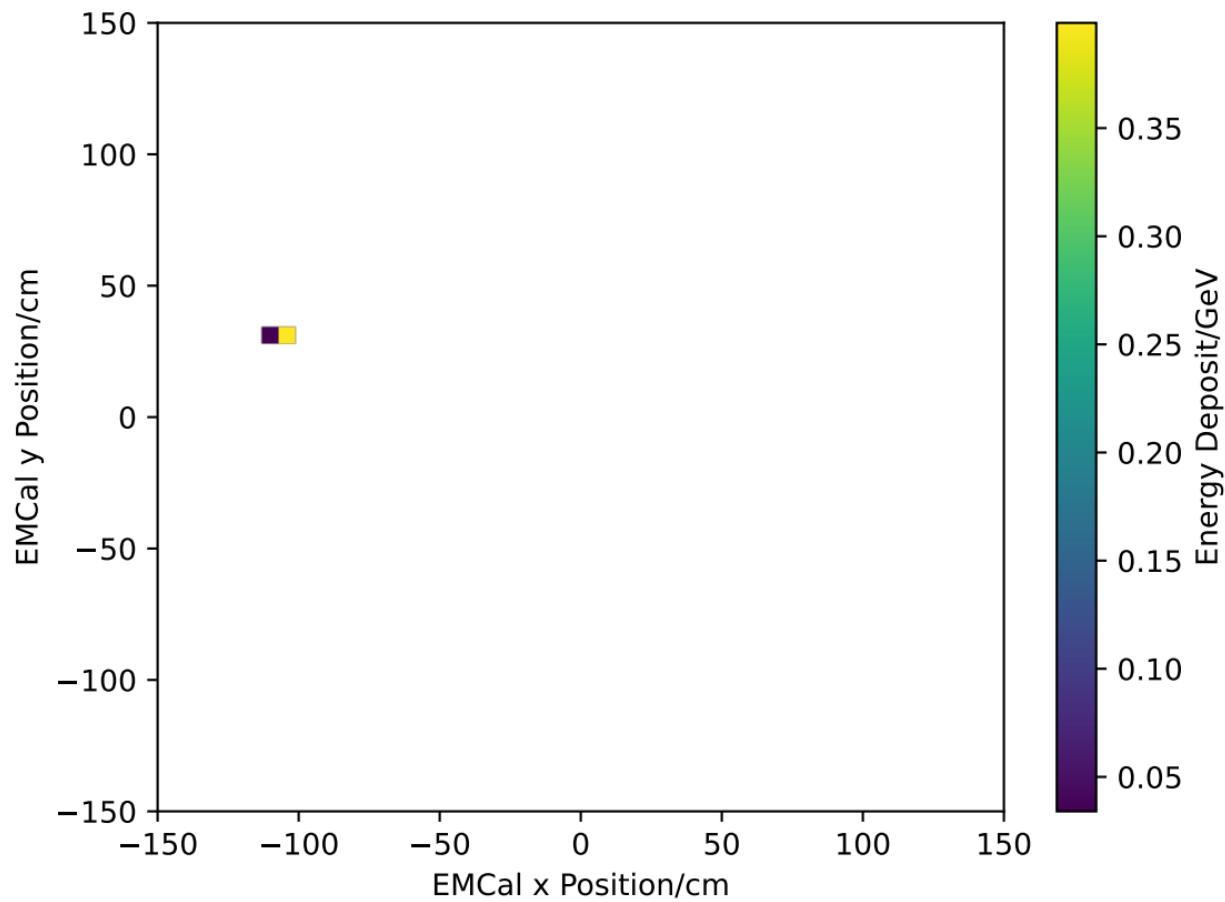


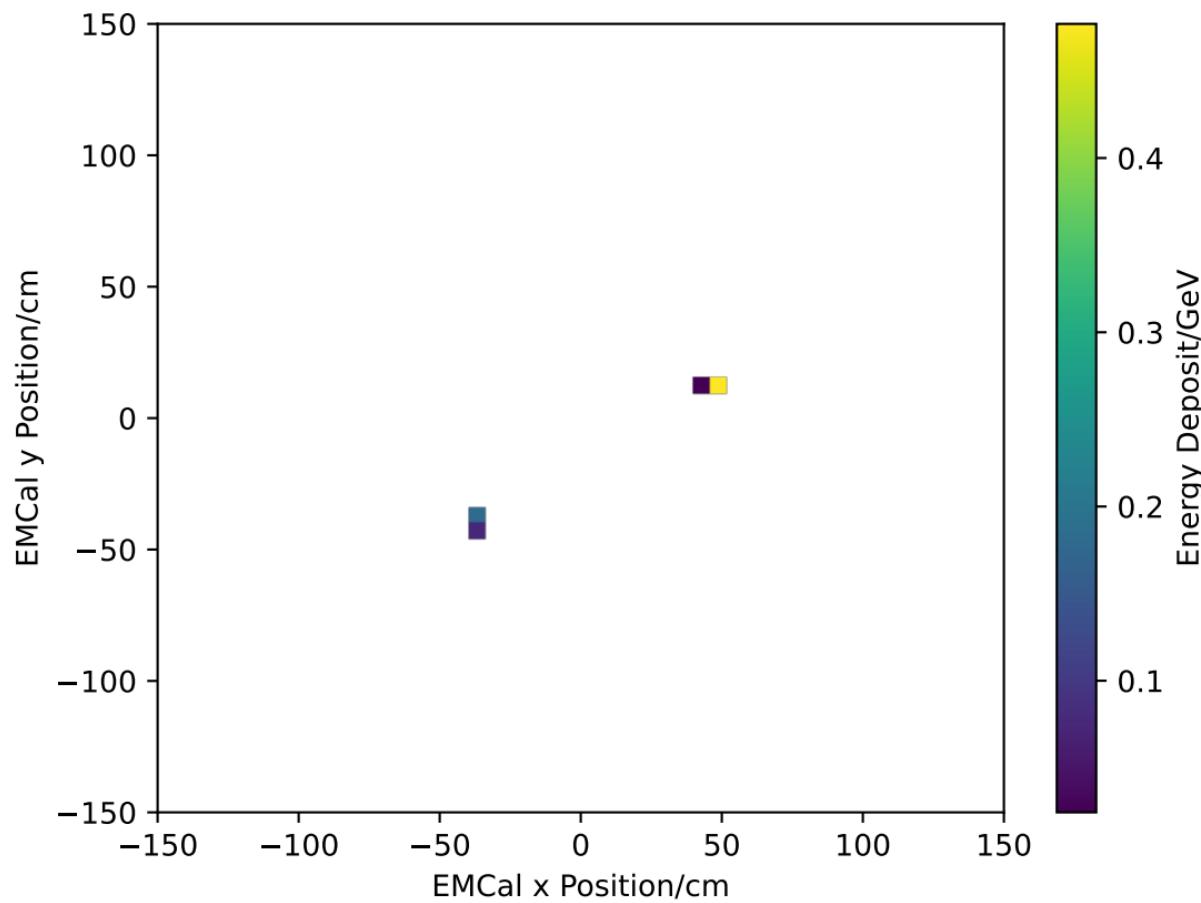




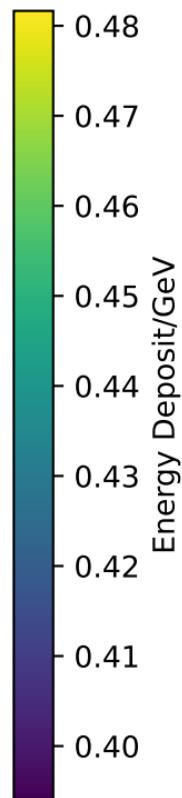
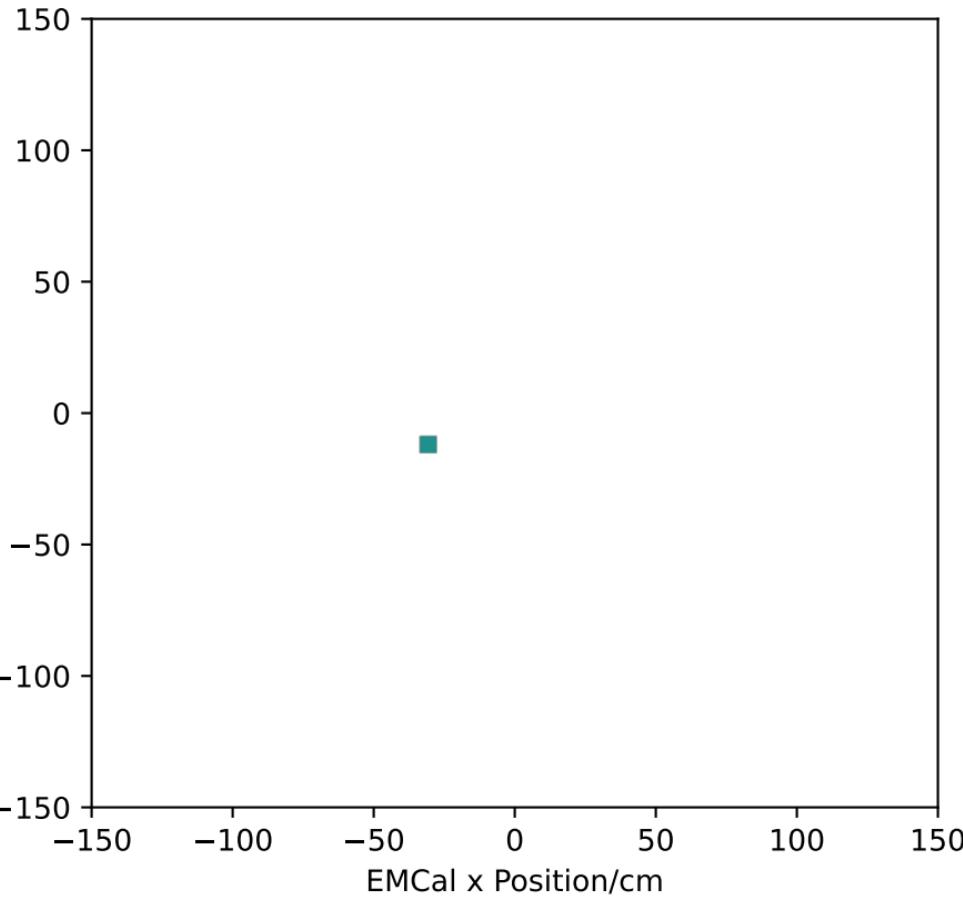


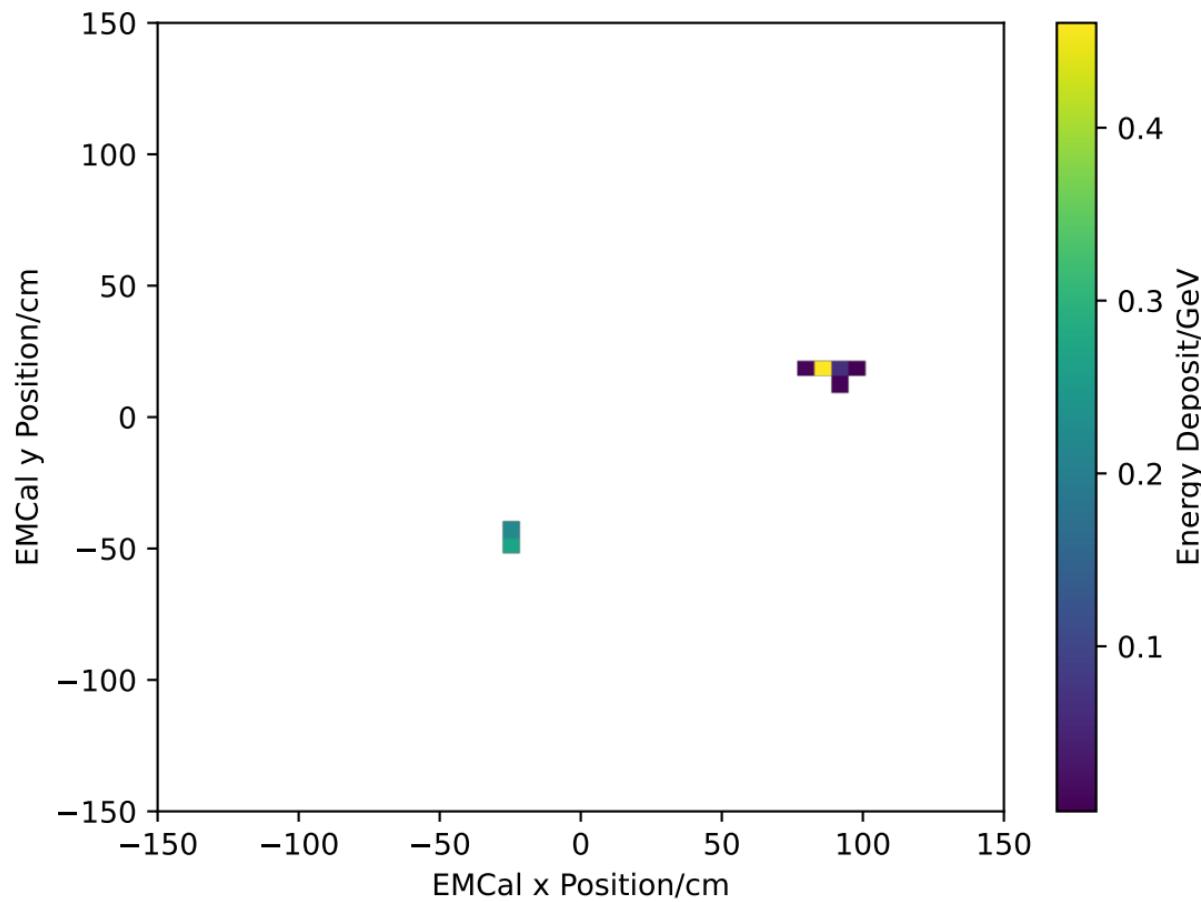




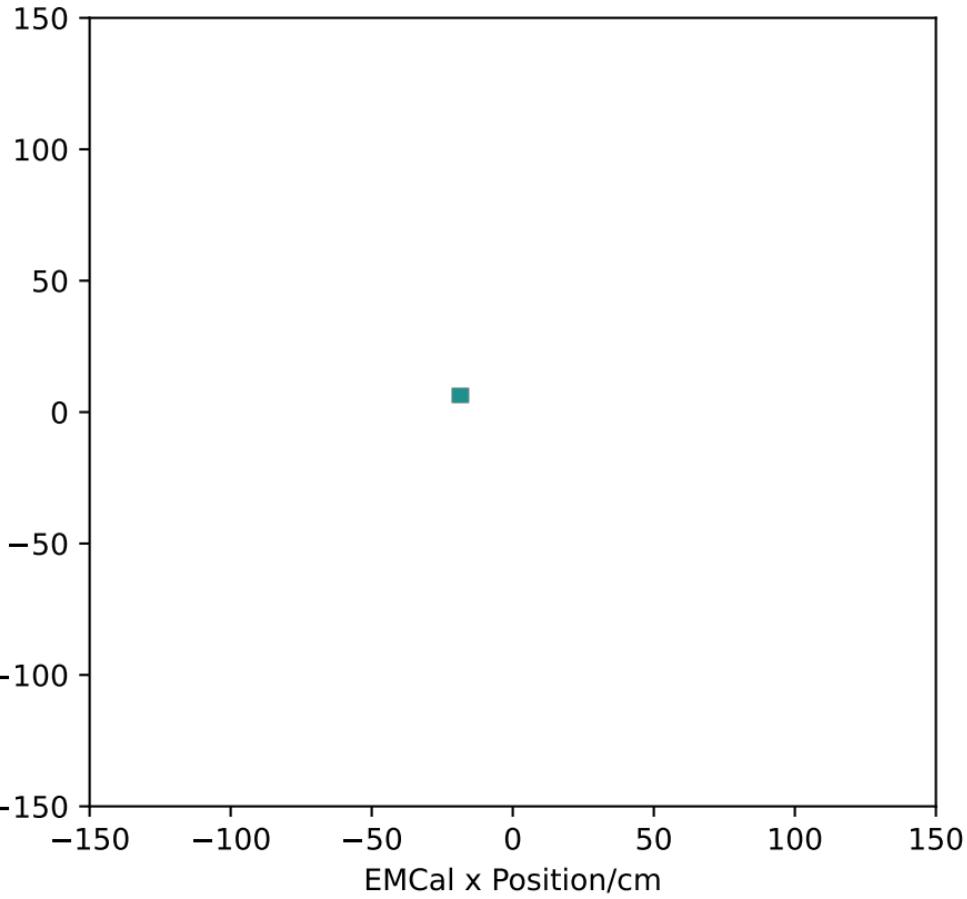


EMCal y Position/cm

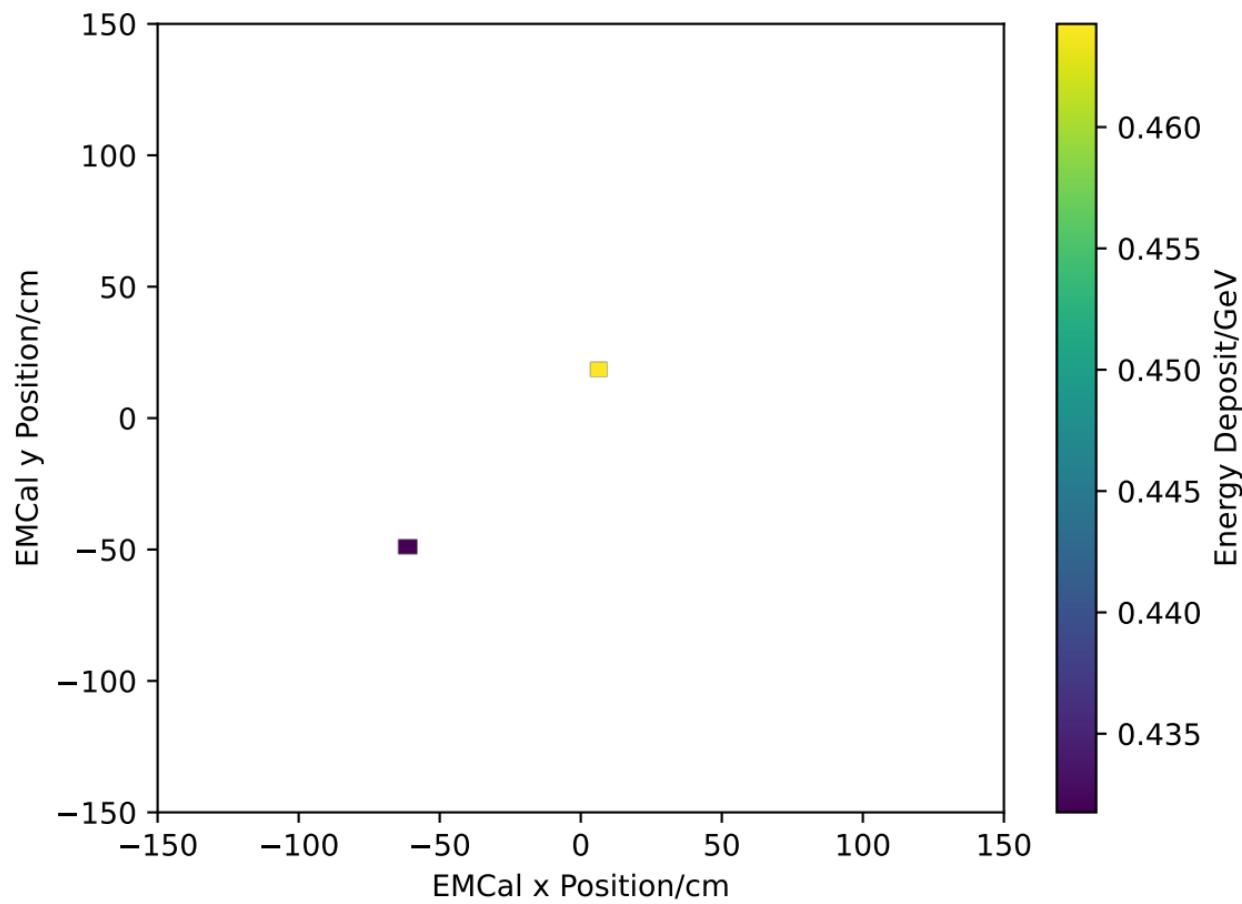


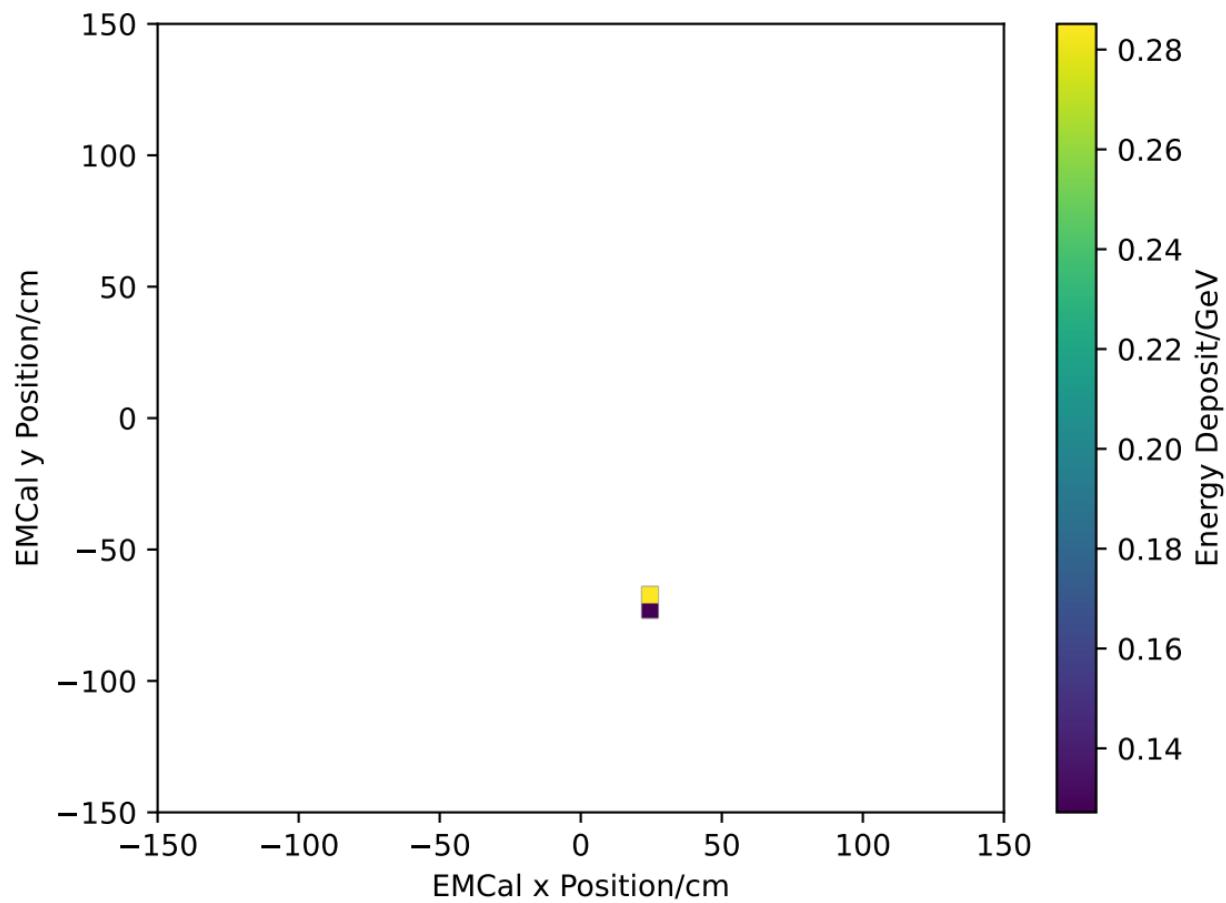


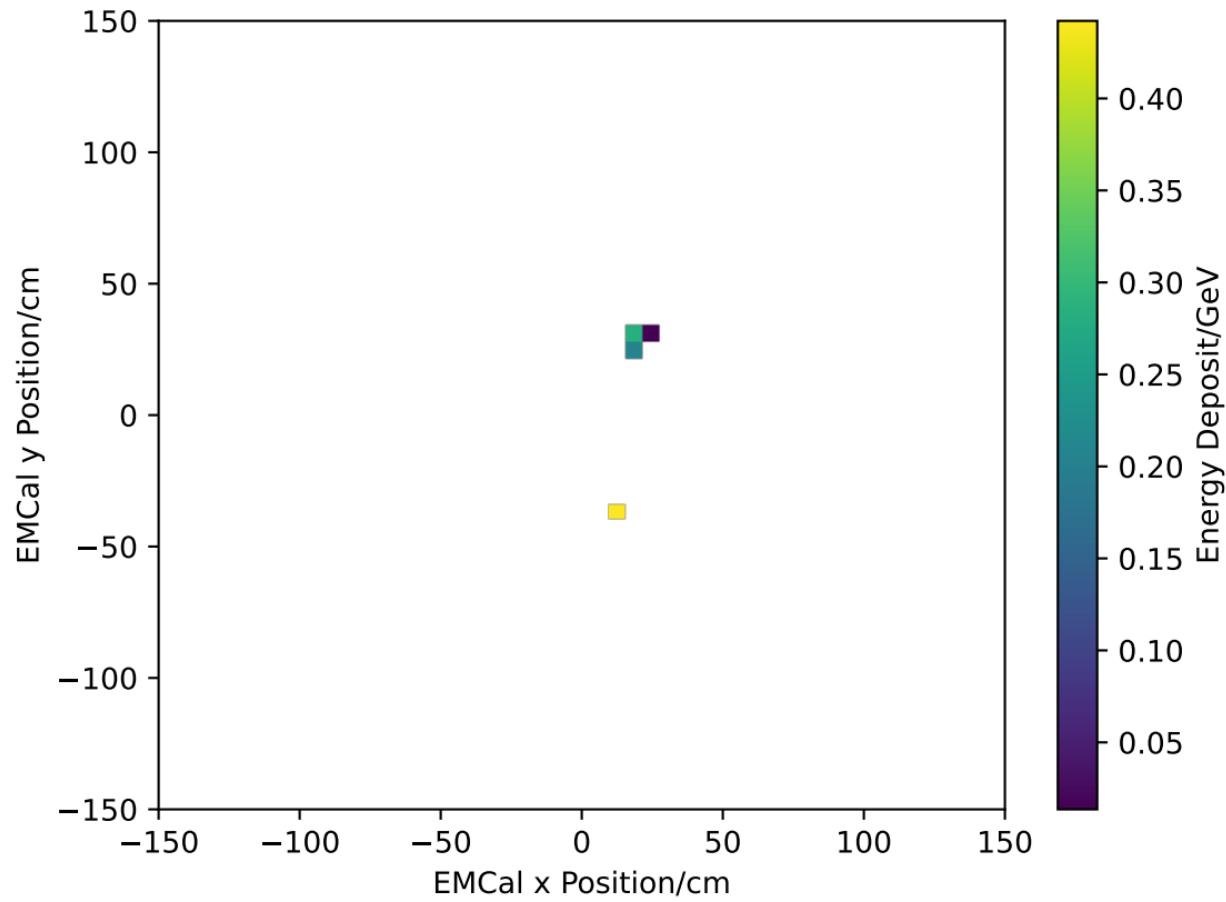
EMCal y Position/cm

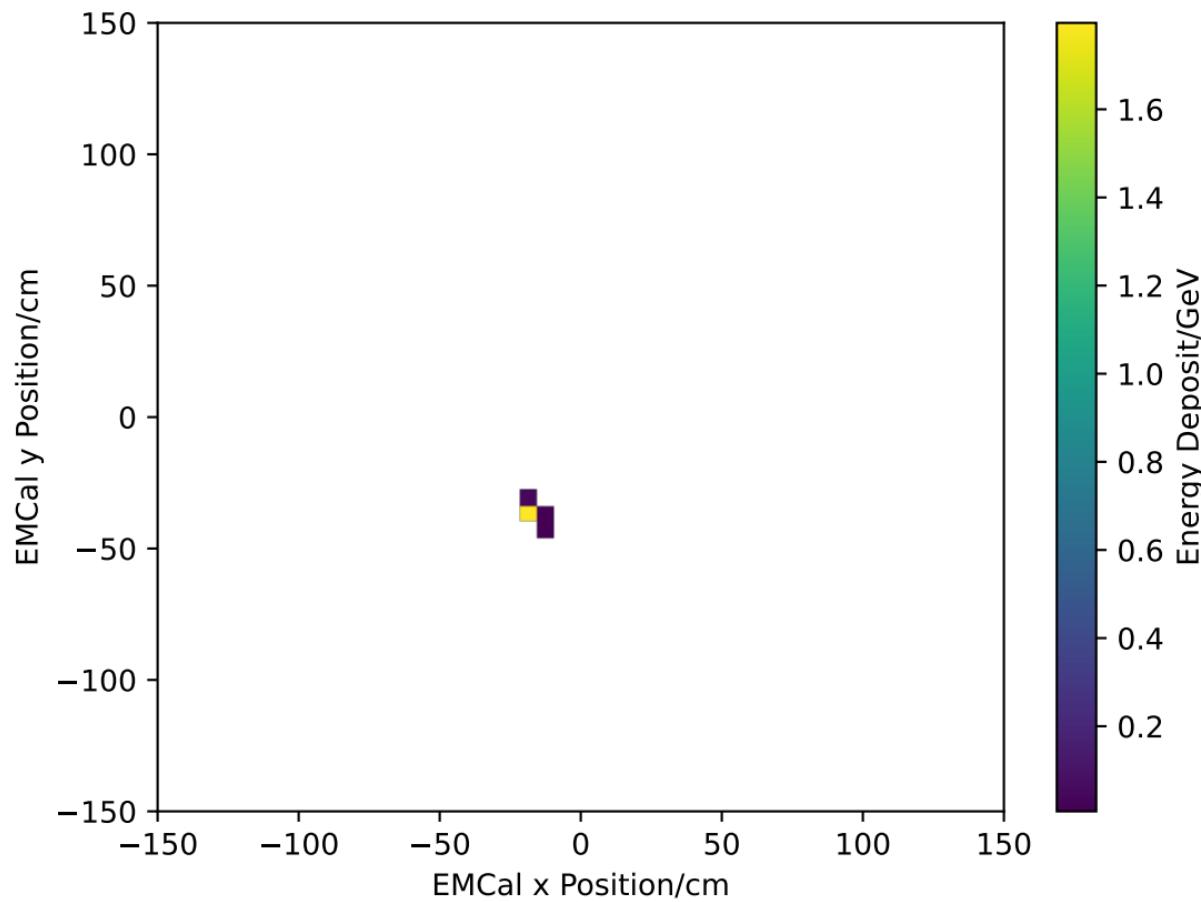


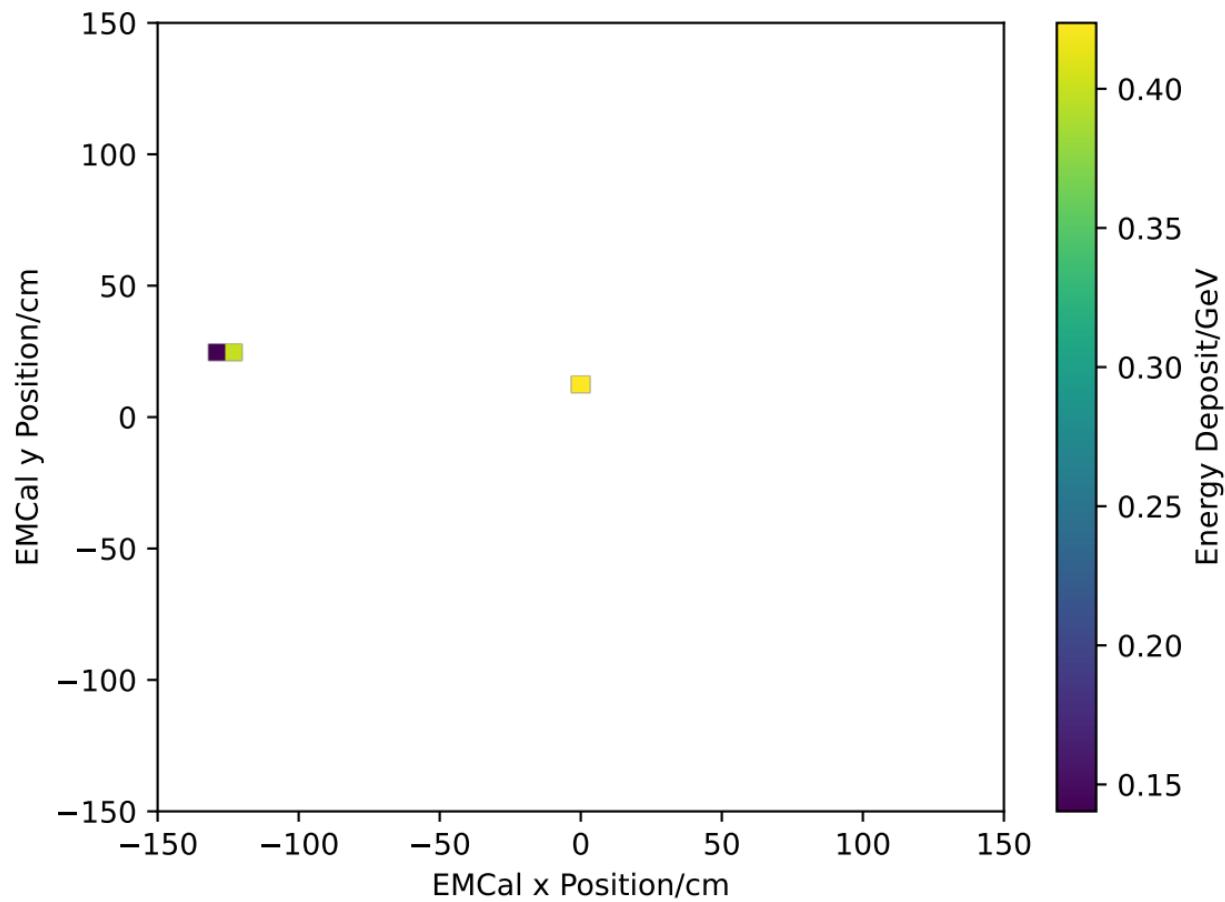
Energy Deposit/GeV

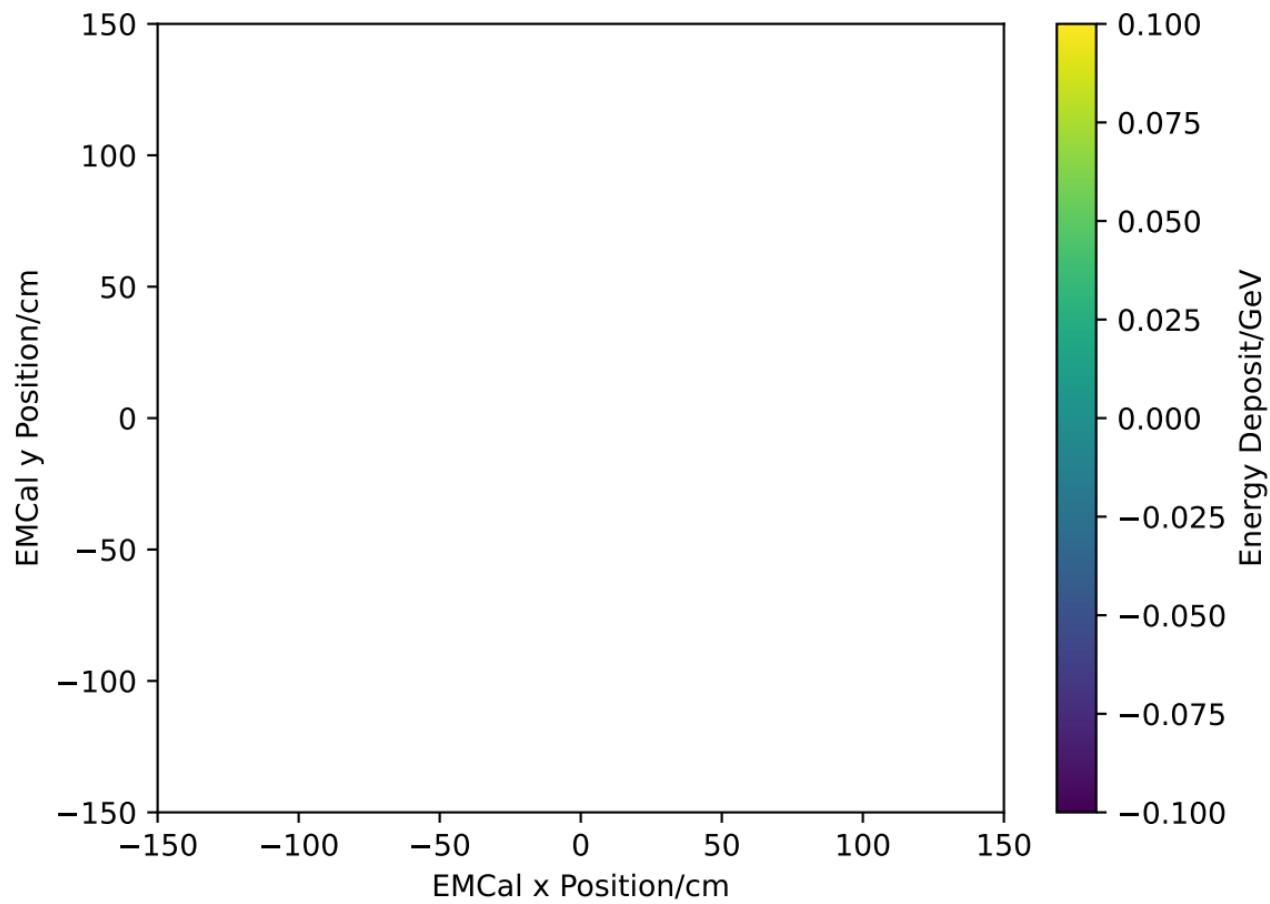


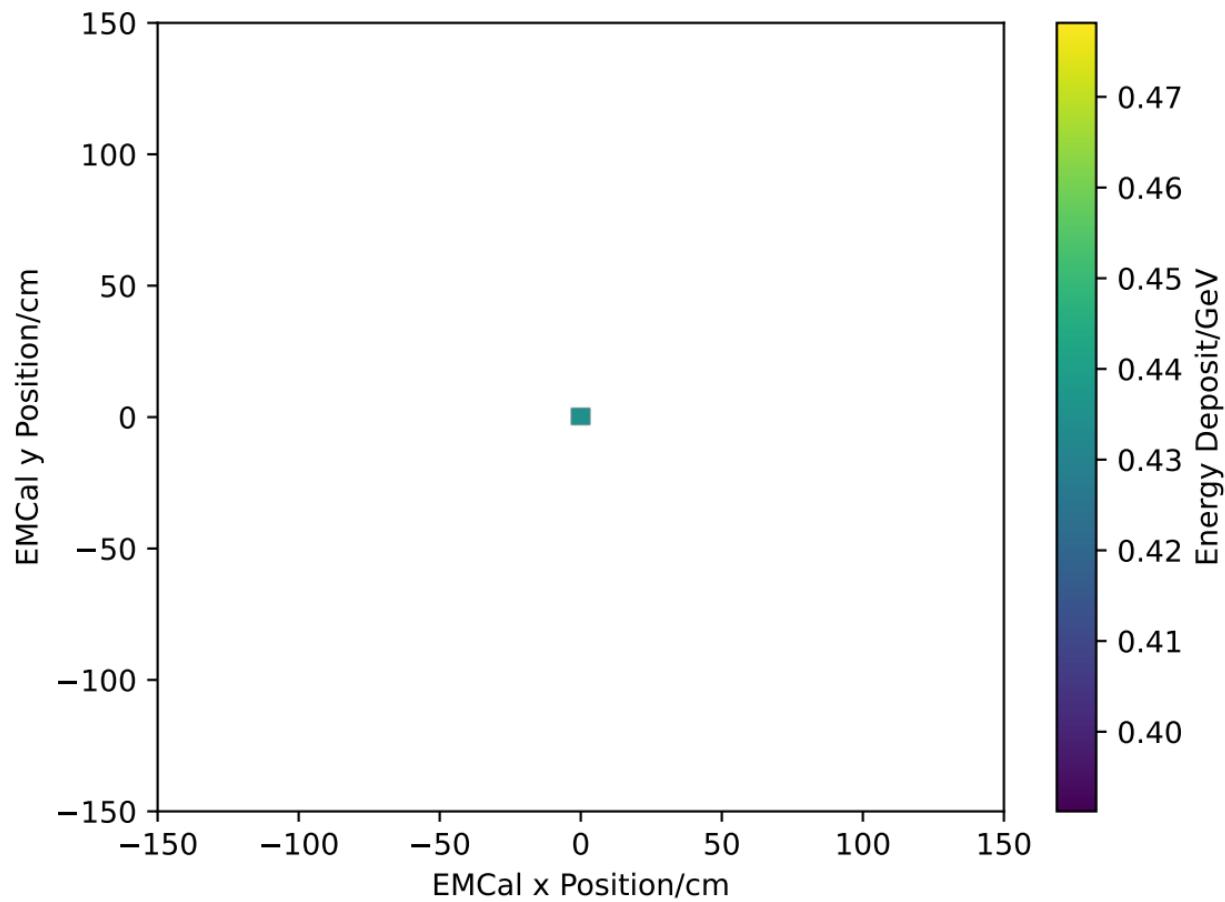


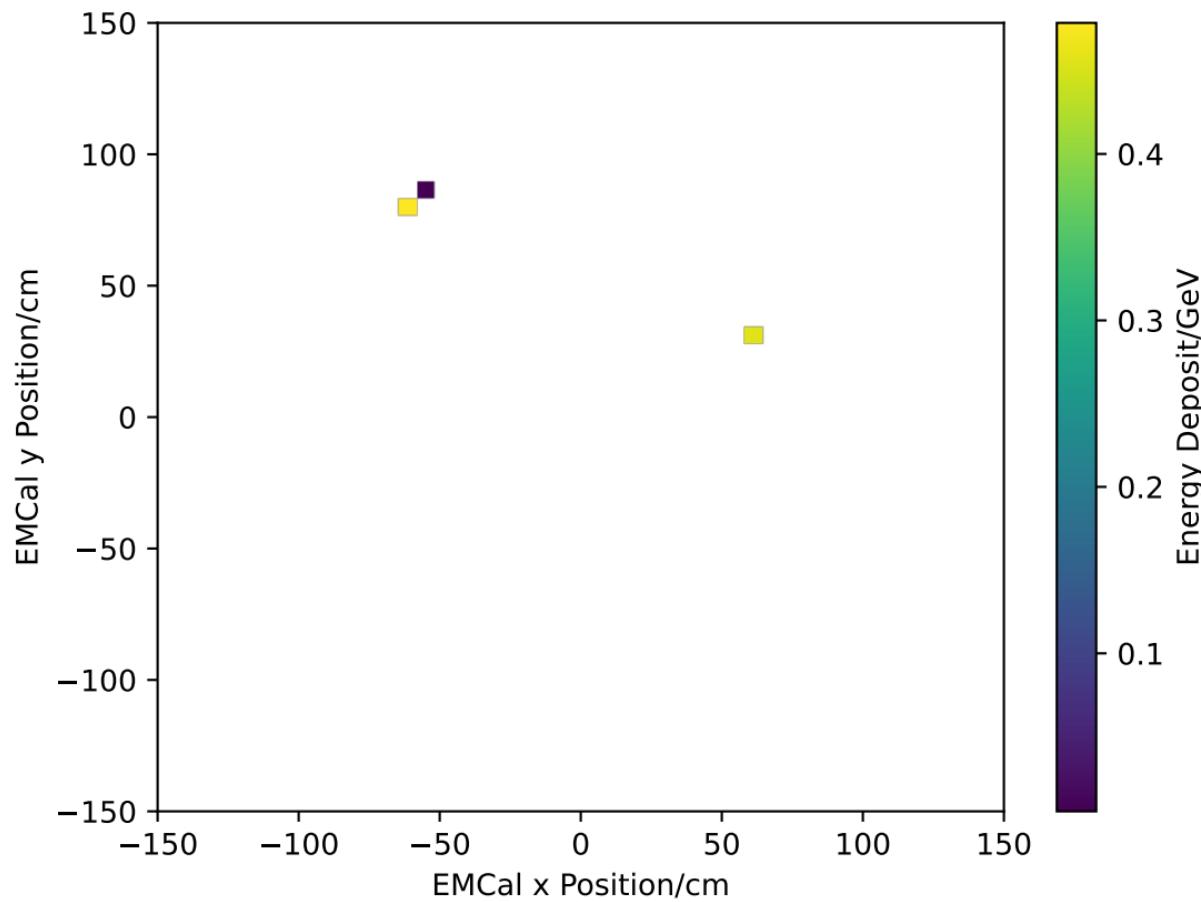


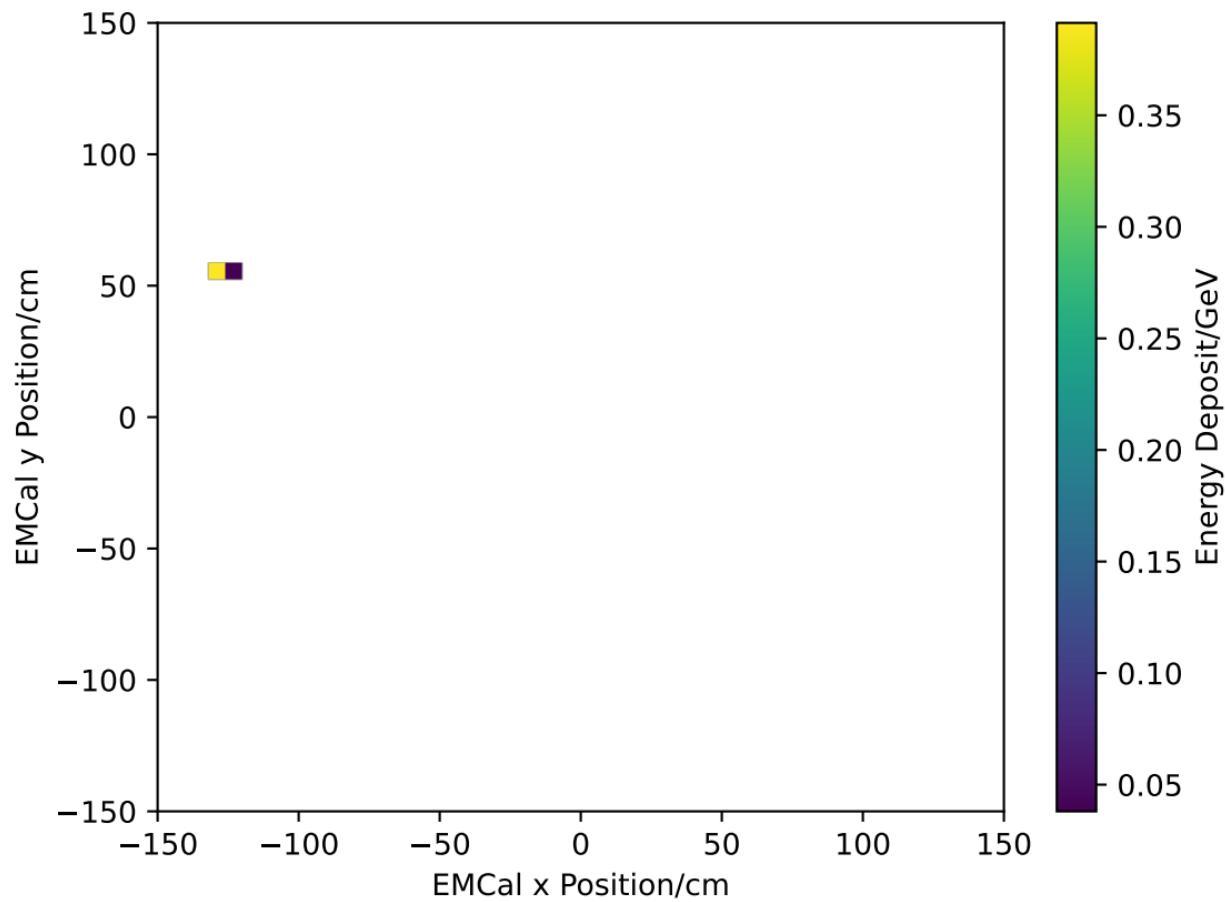


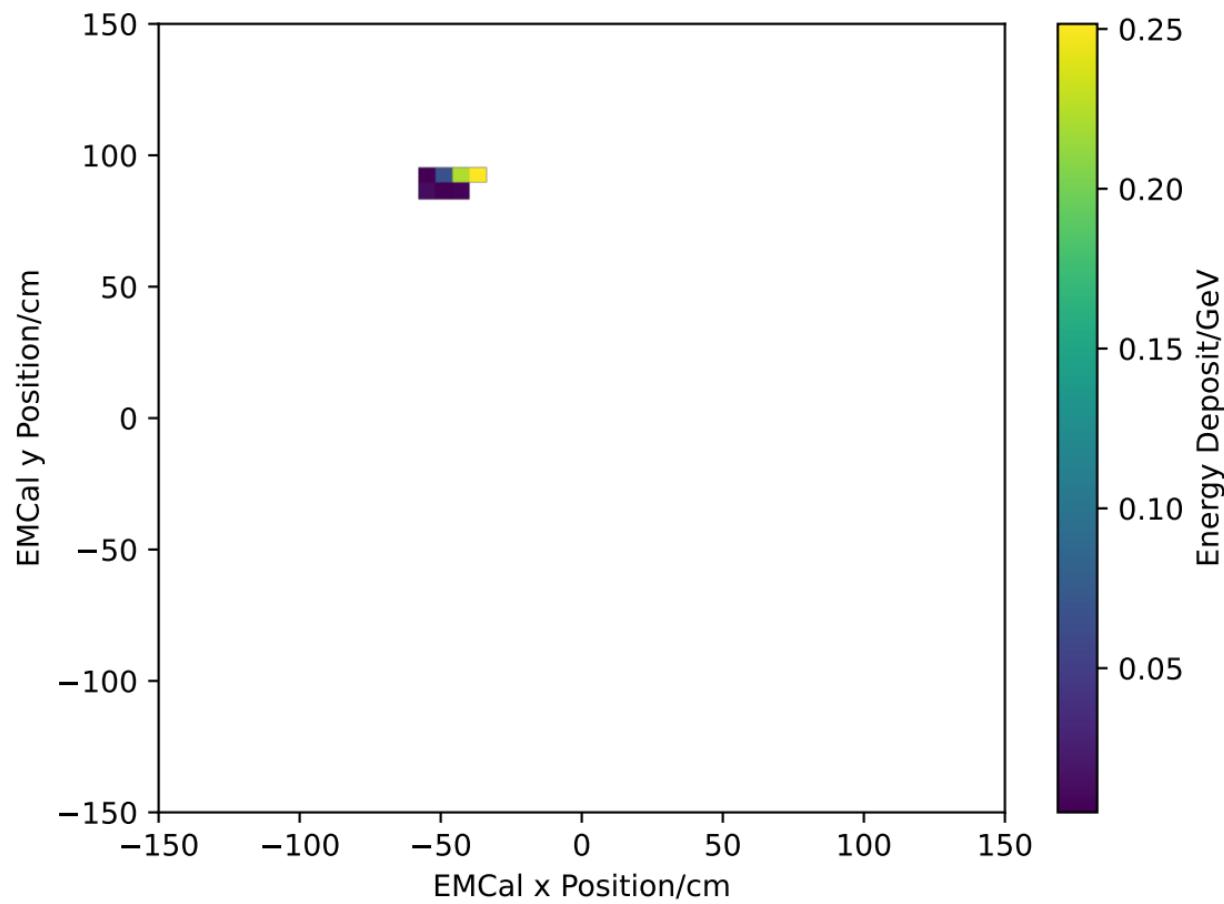


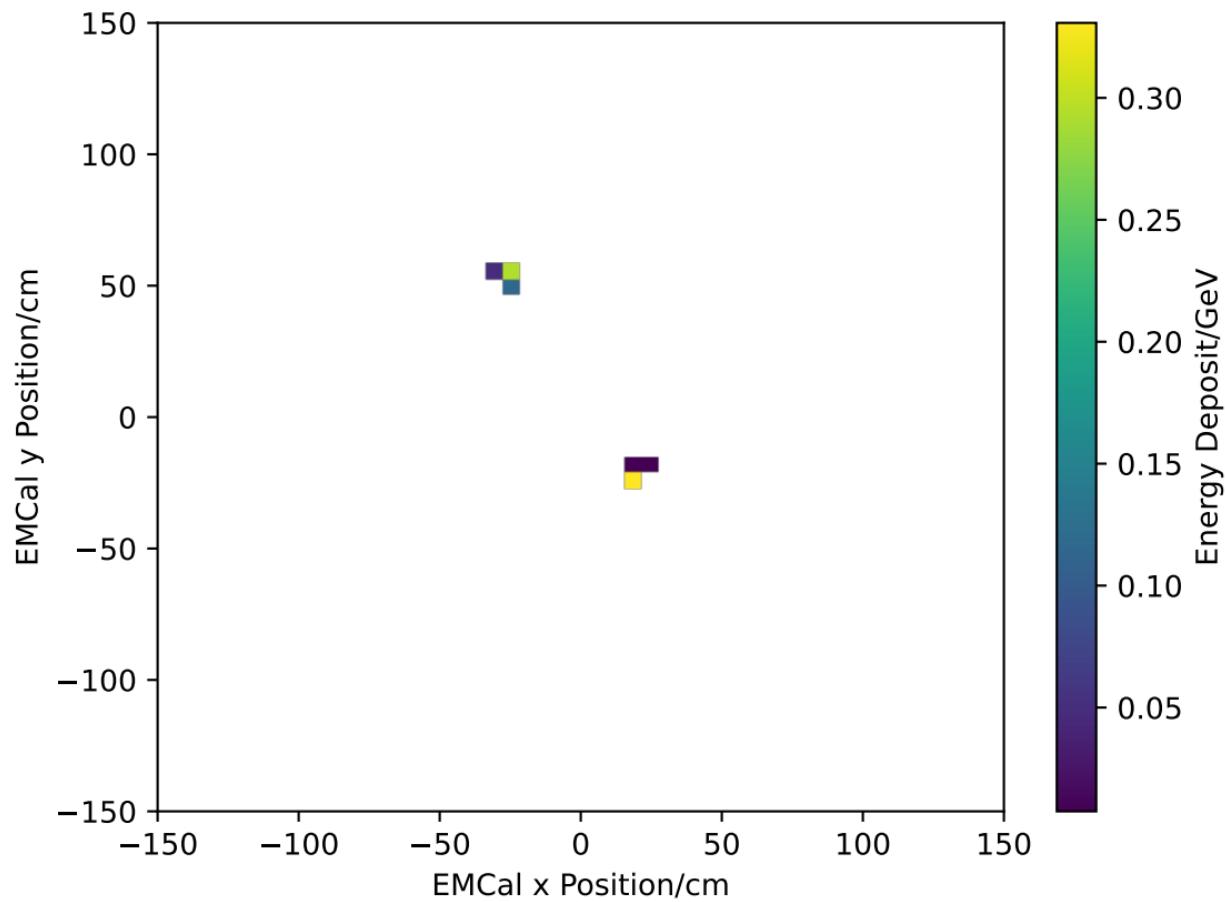


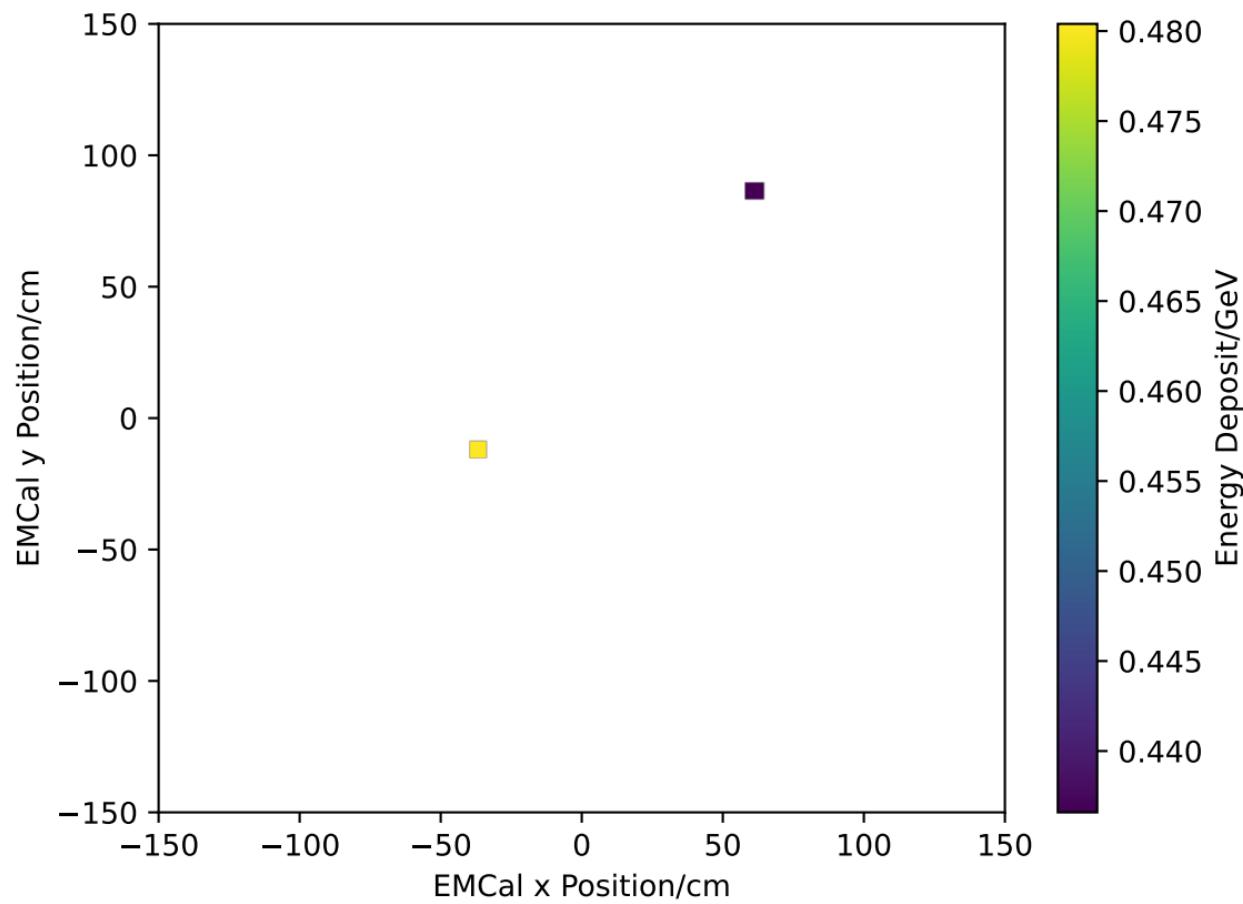




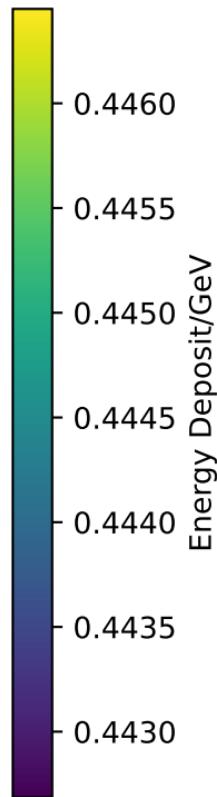
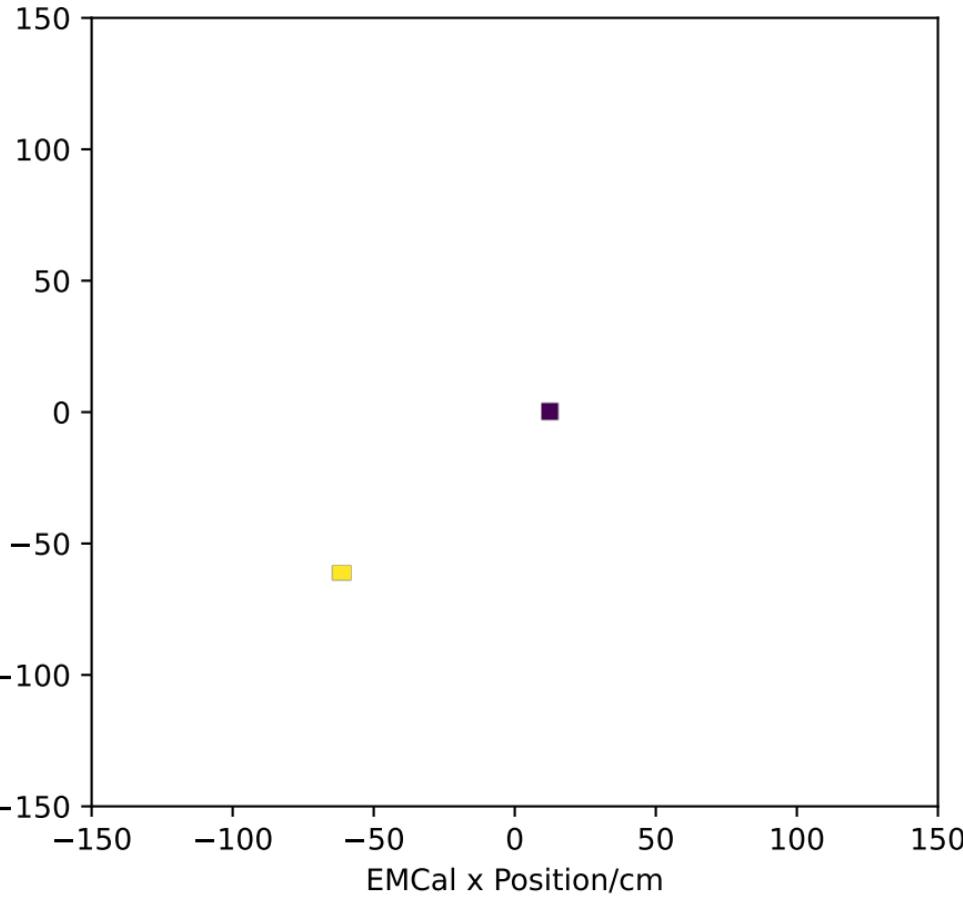


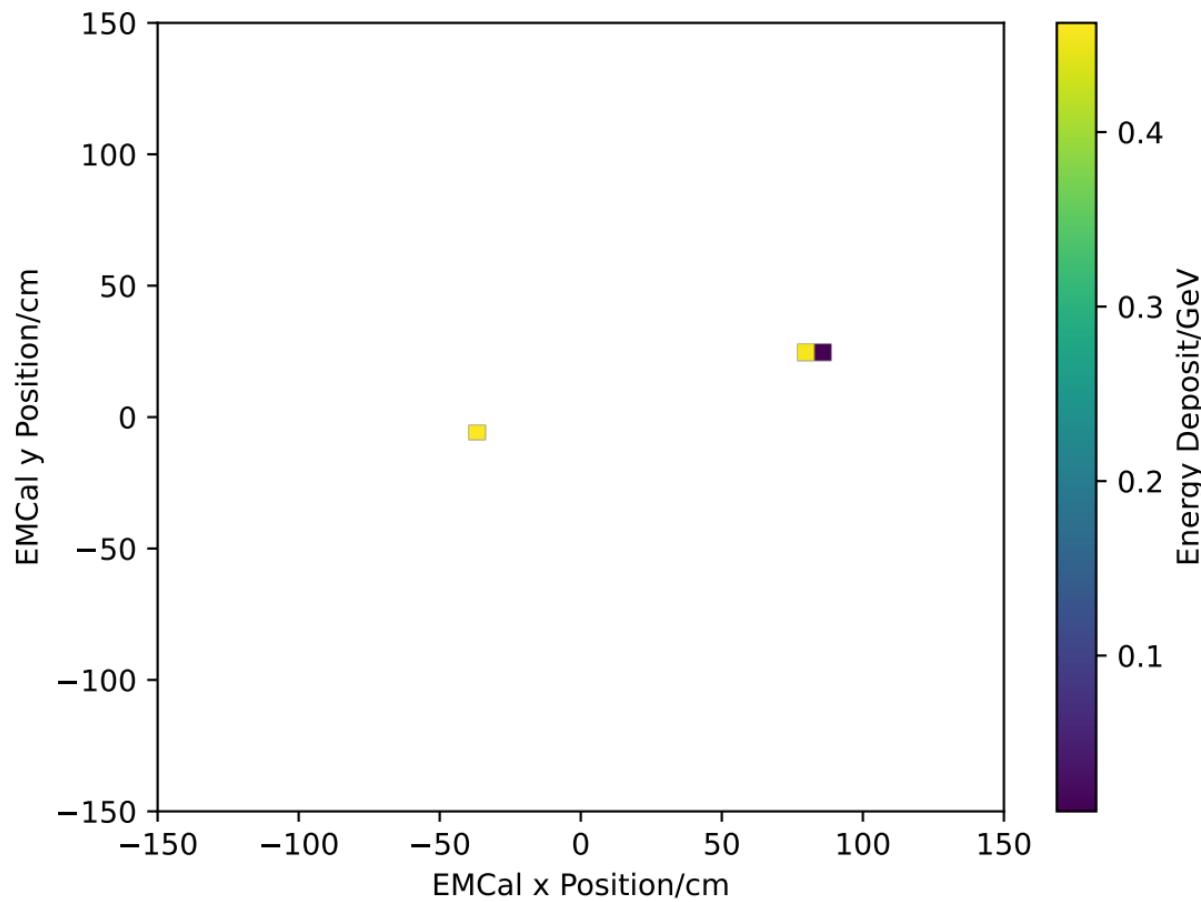


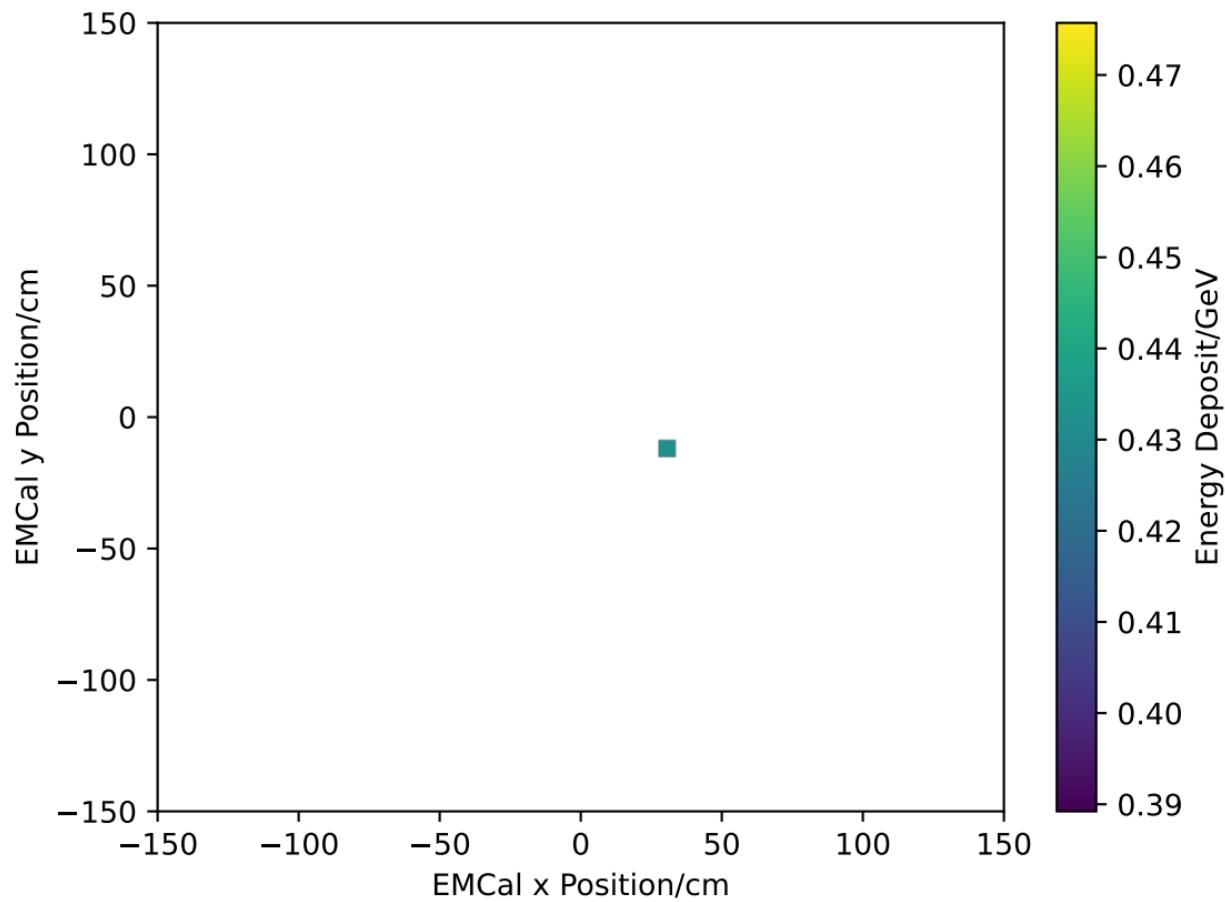


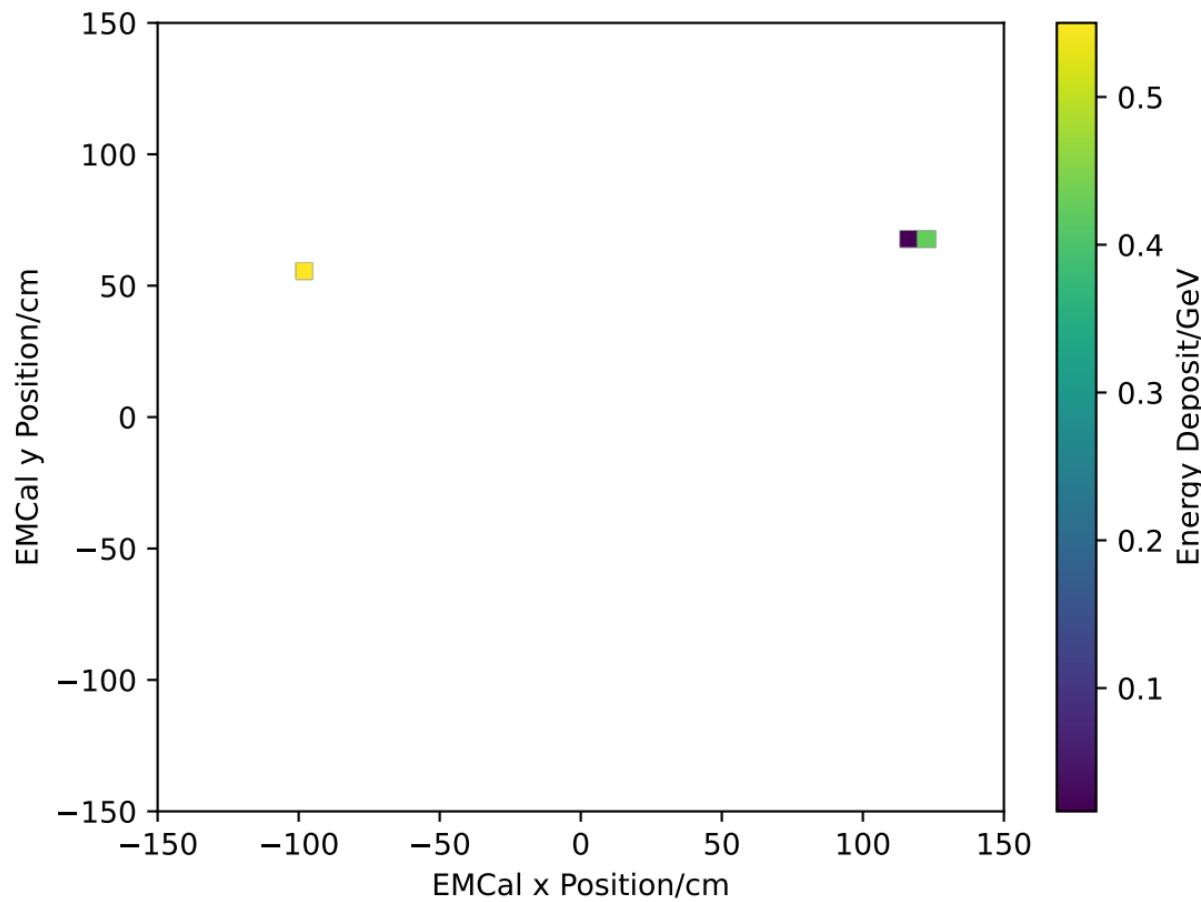


EMCal y Position/cm

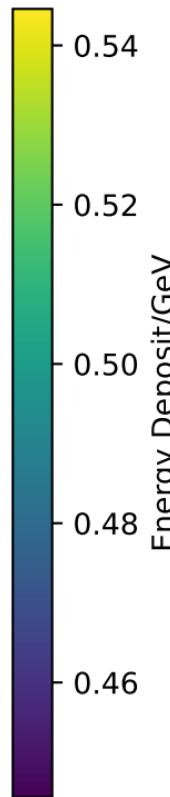
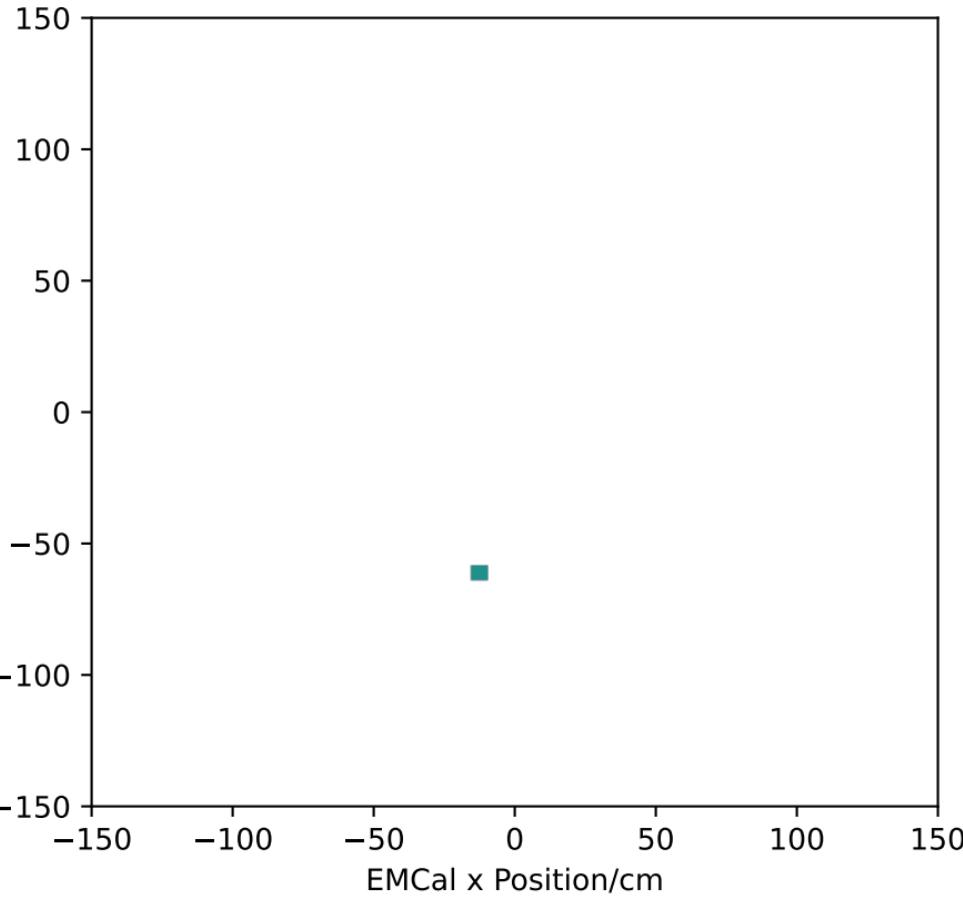


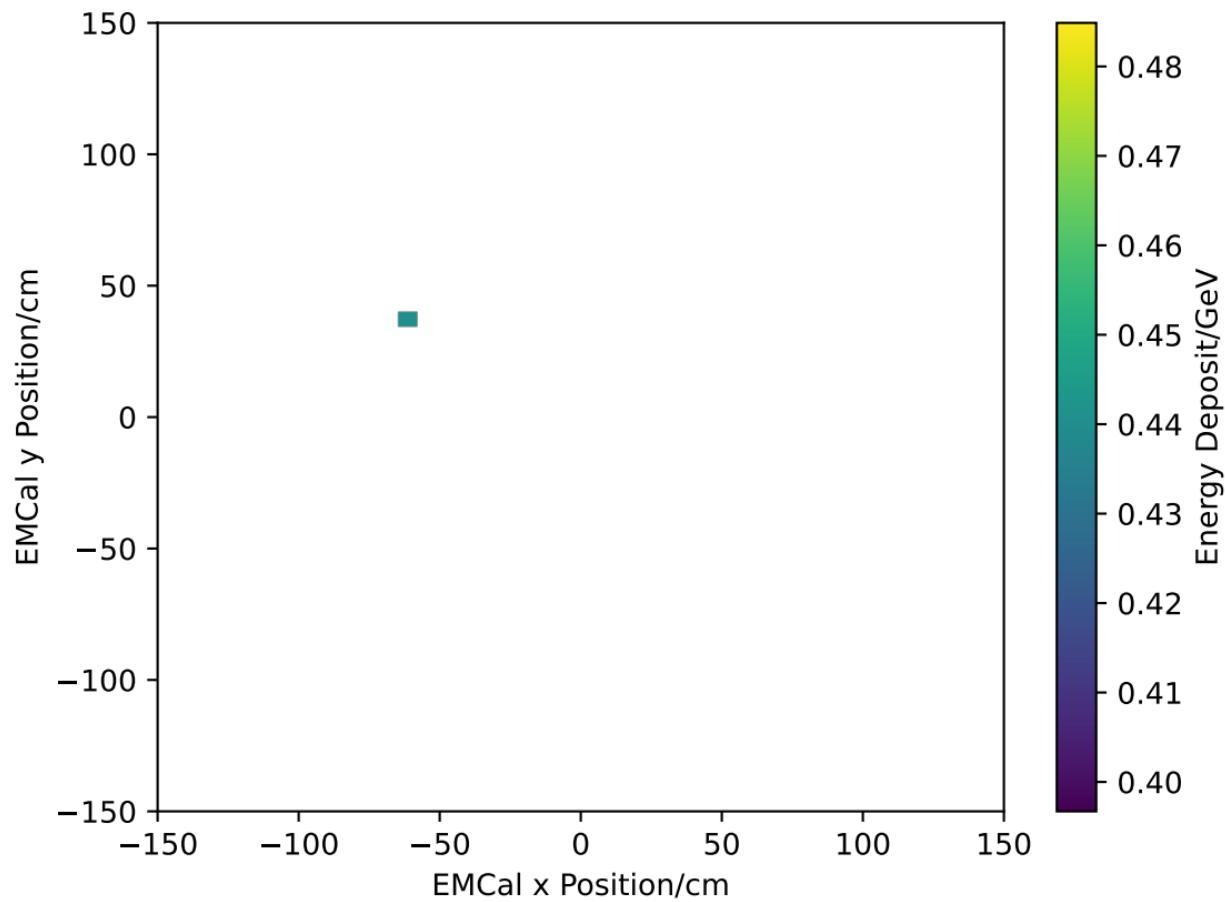


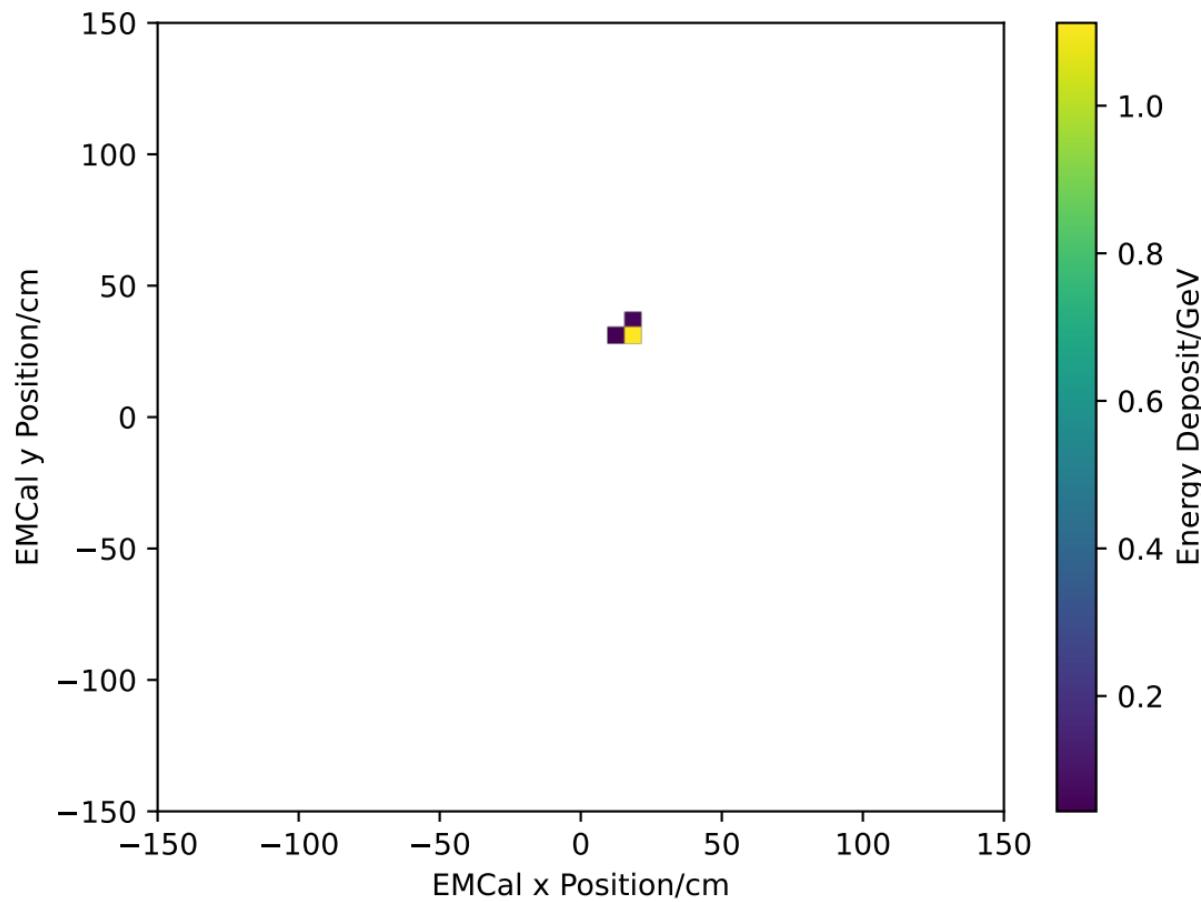


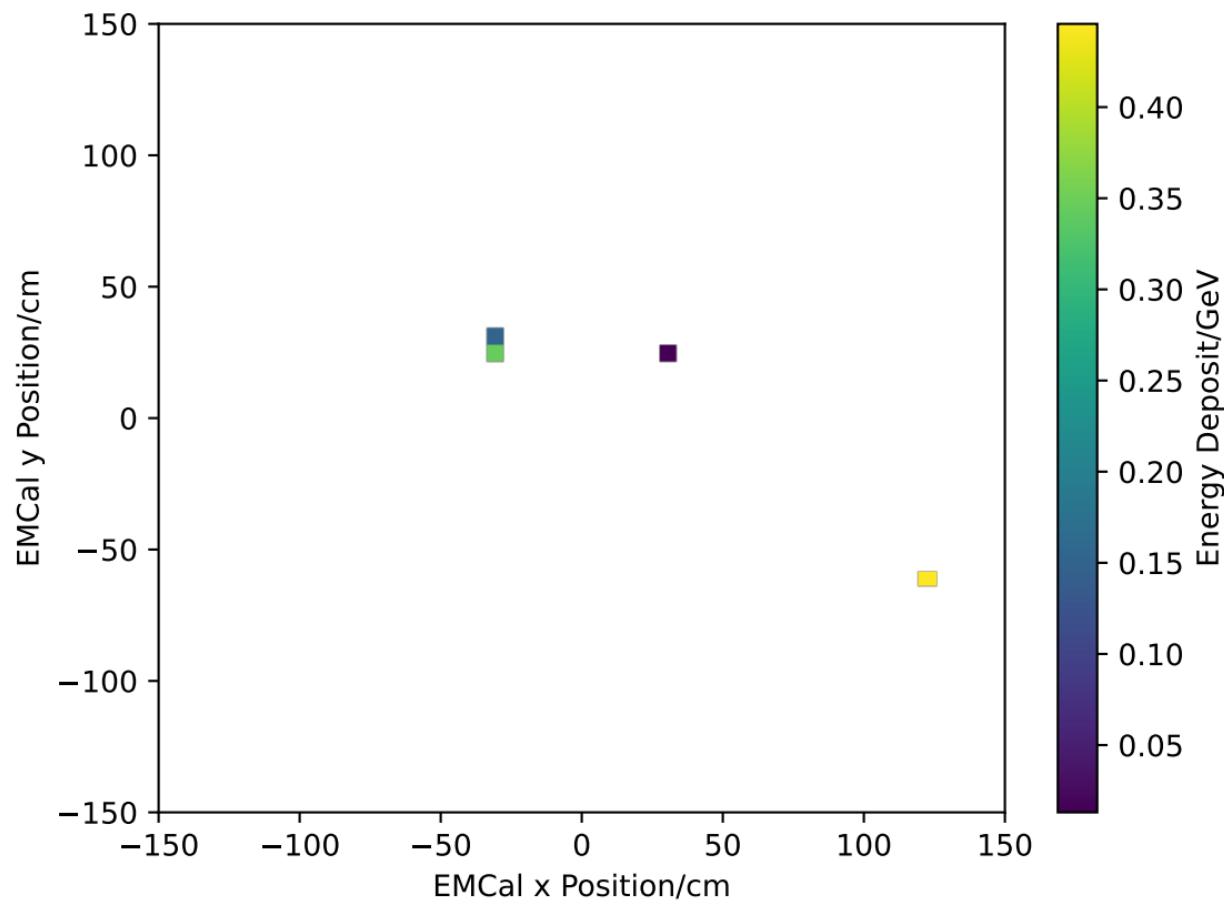


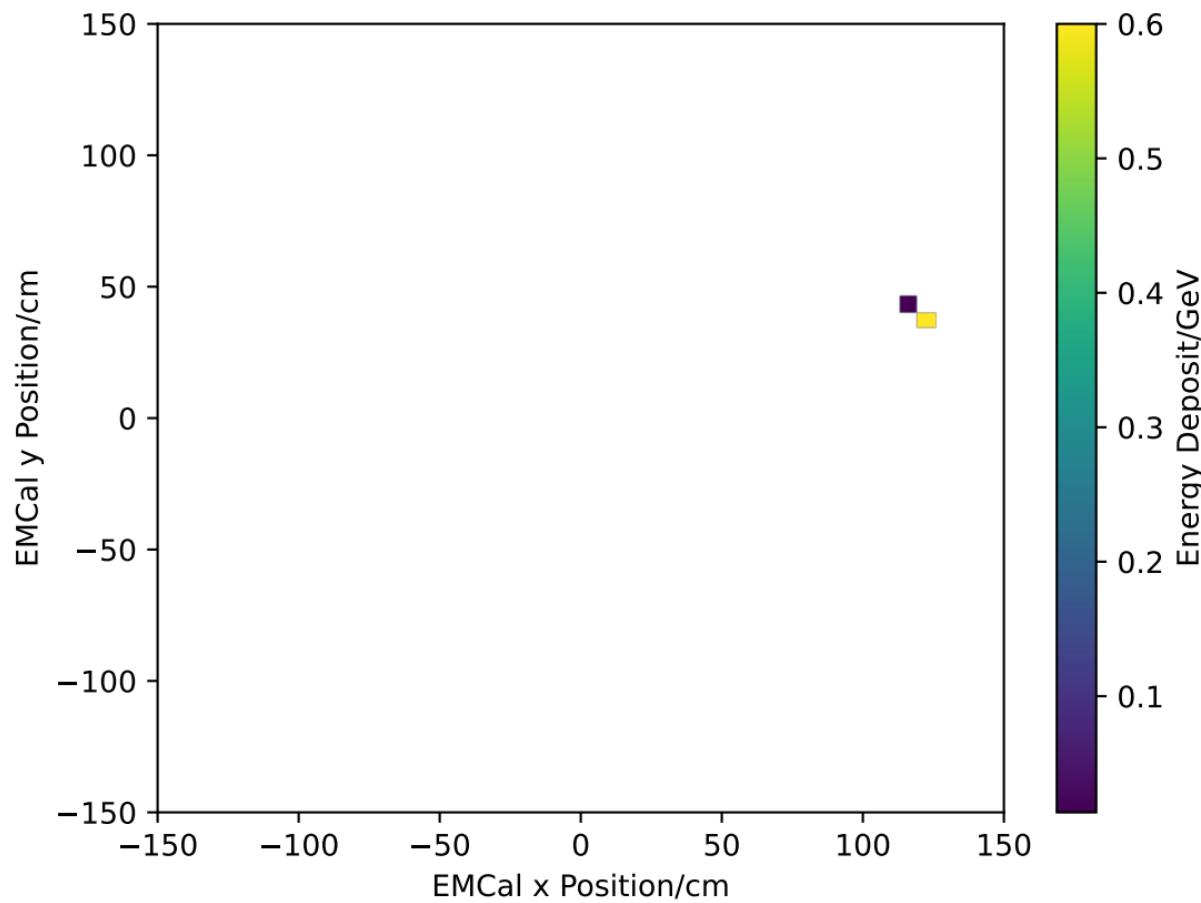
EMCal y Position/cm

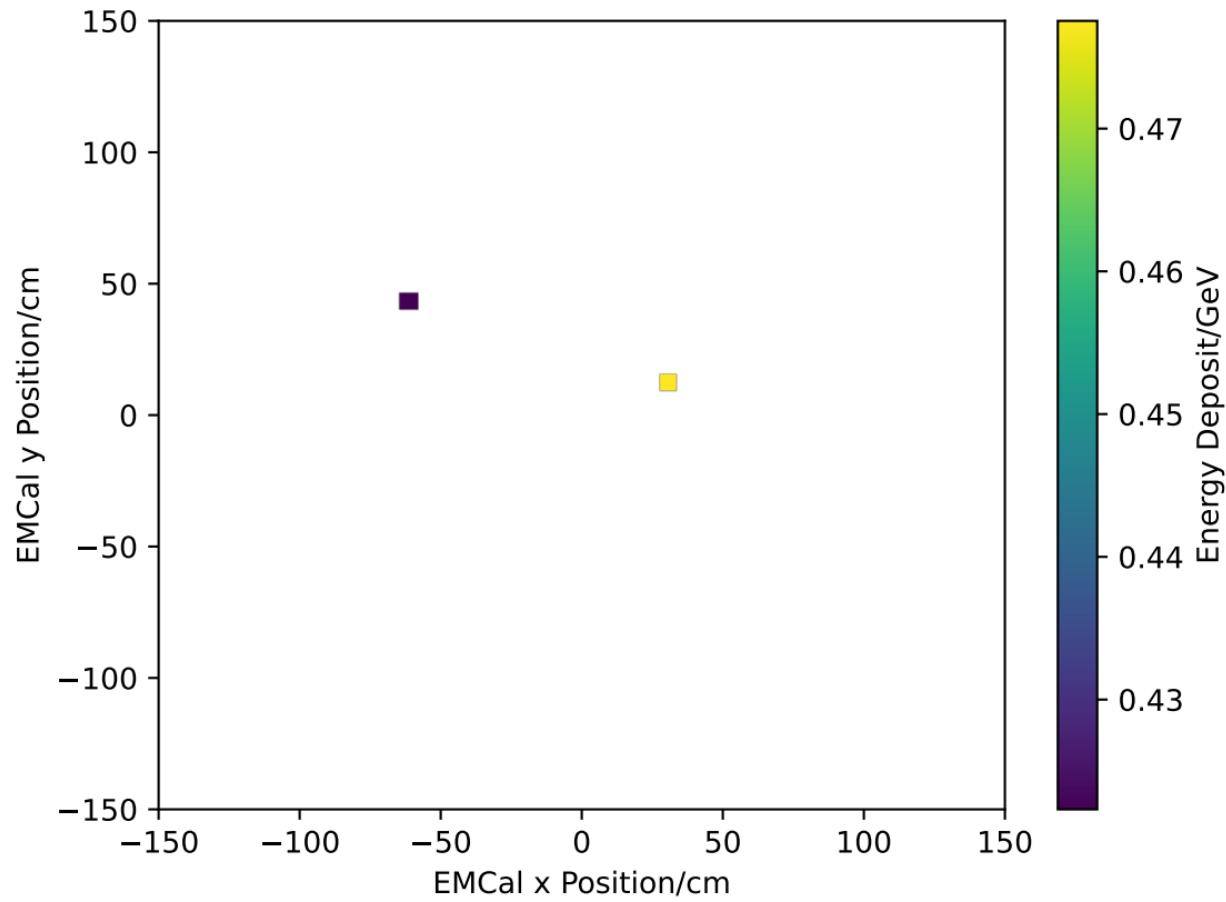


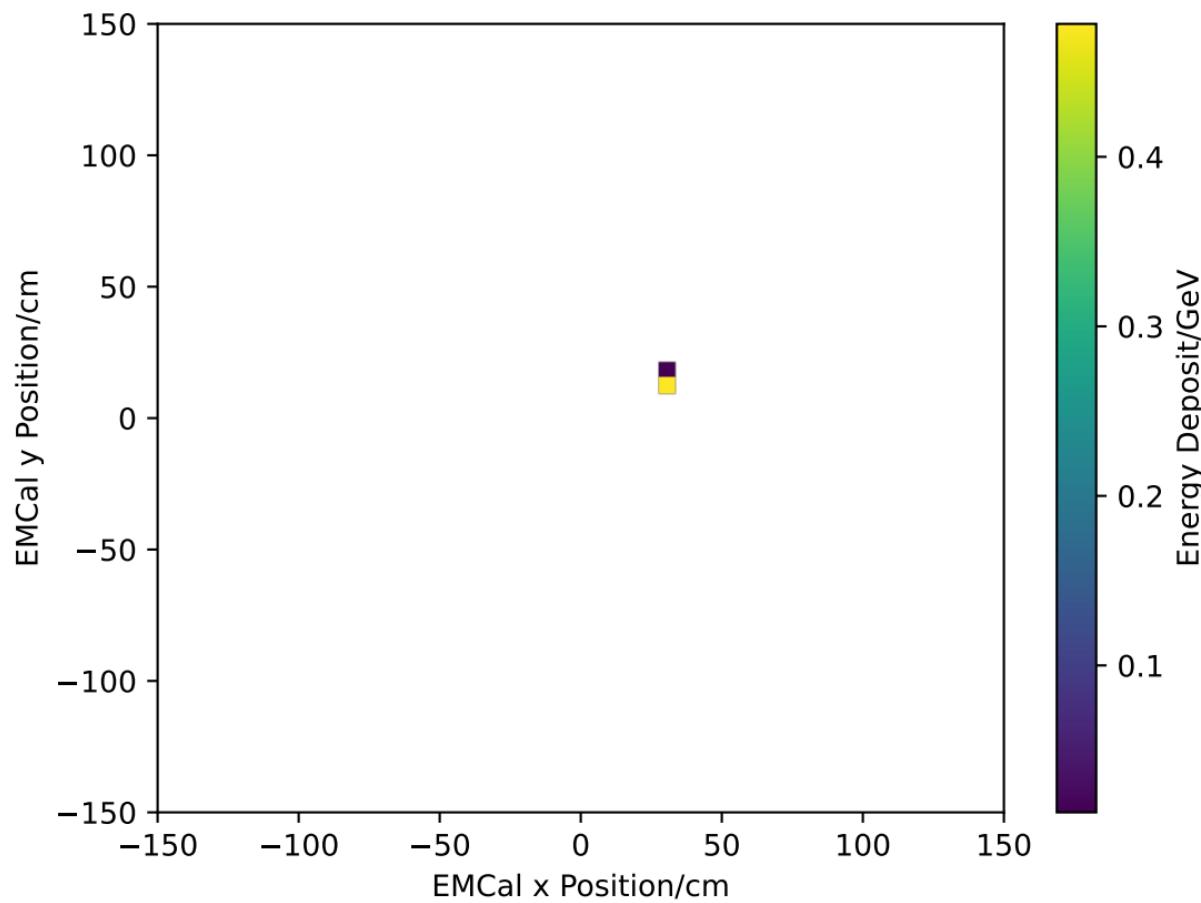


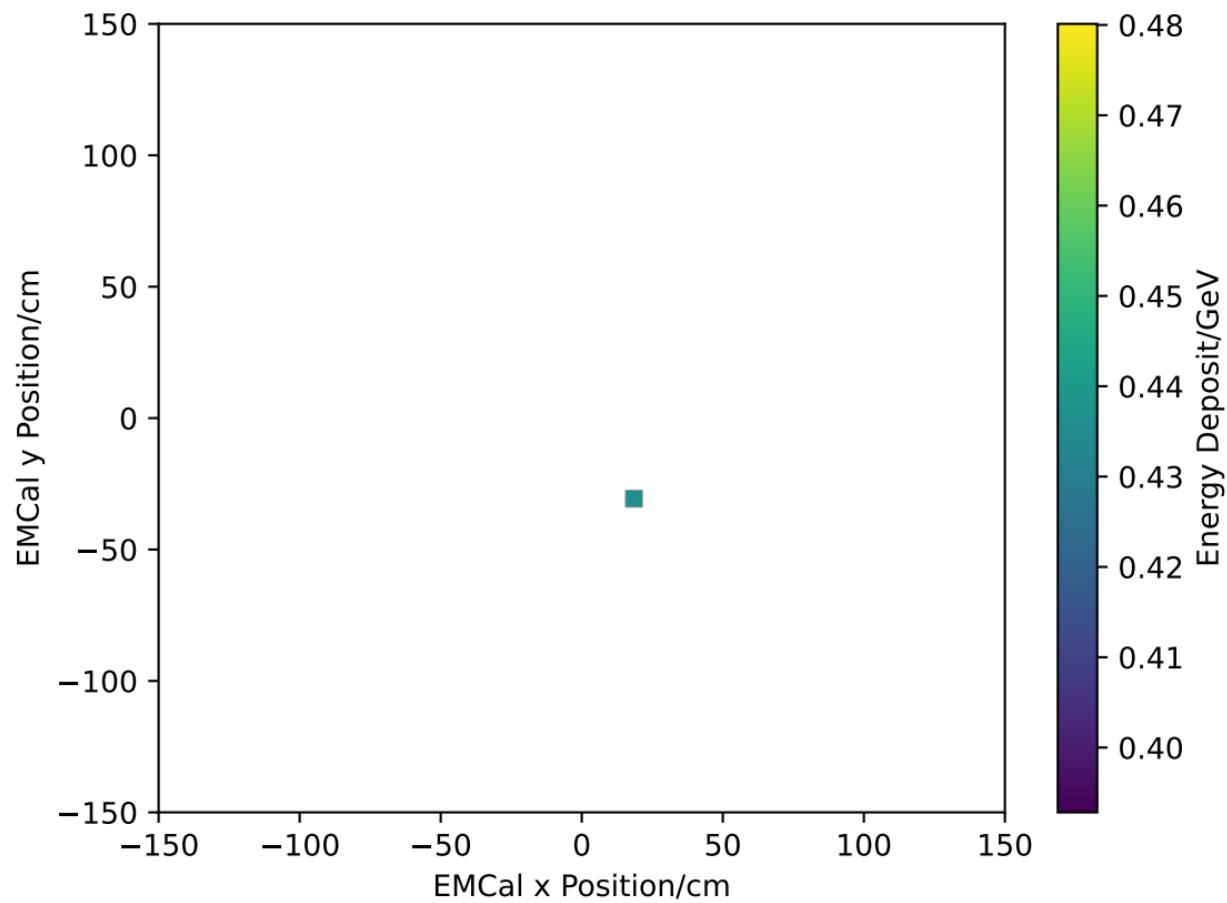




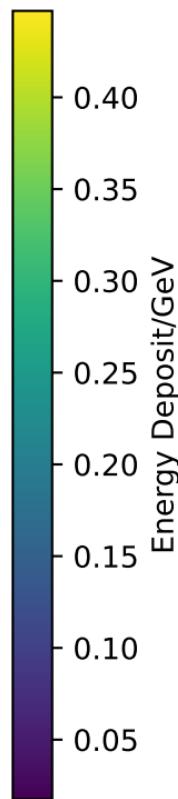
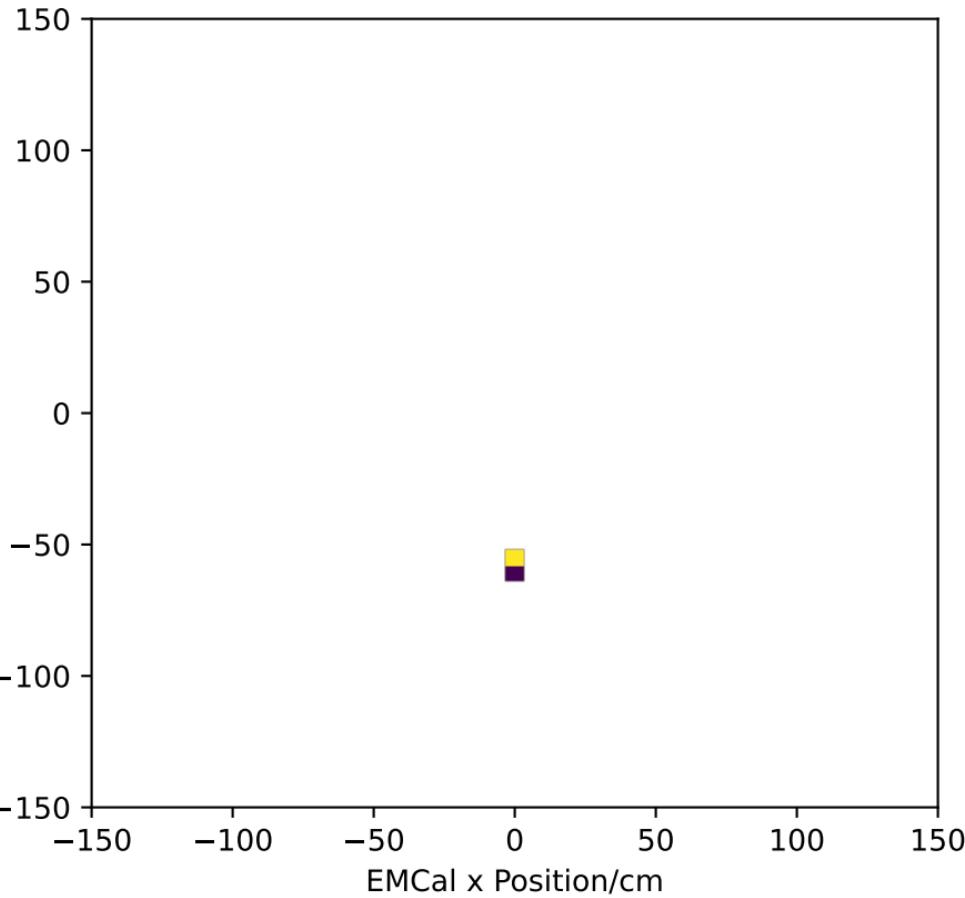


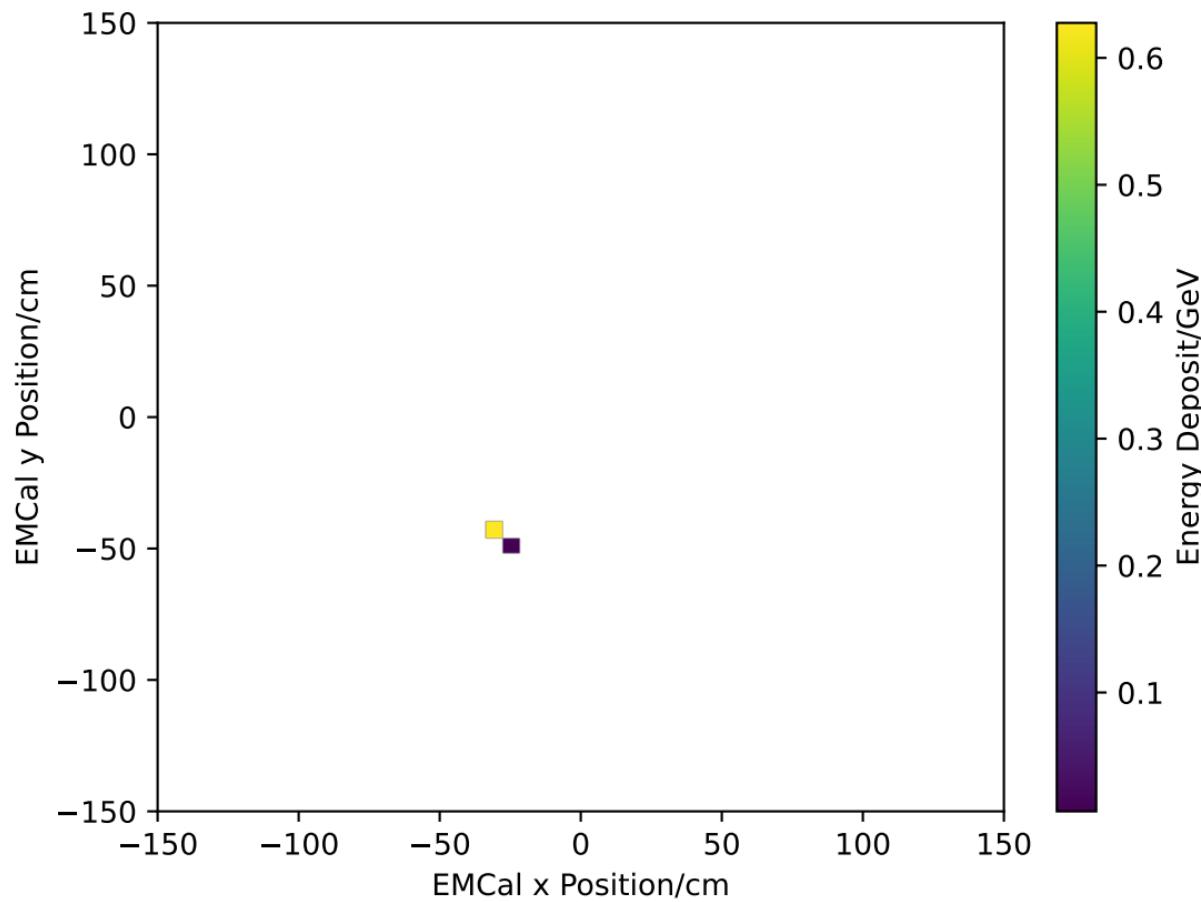


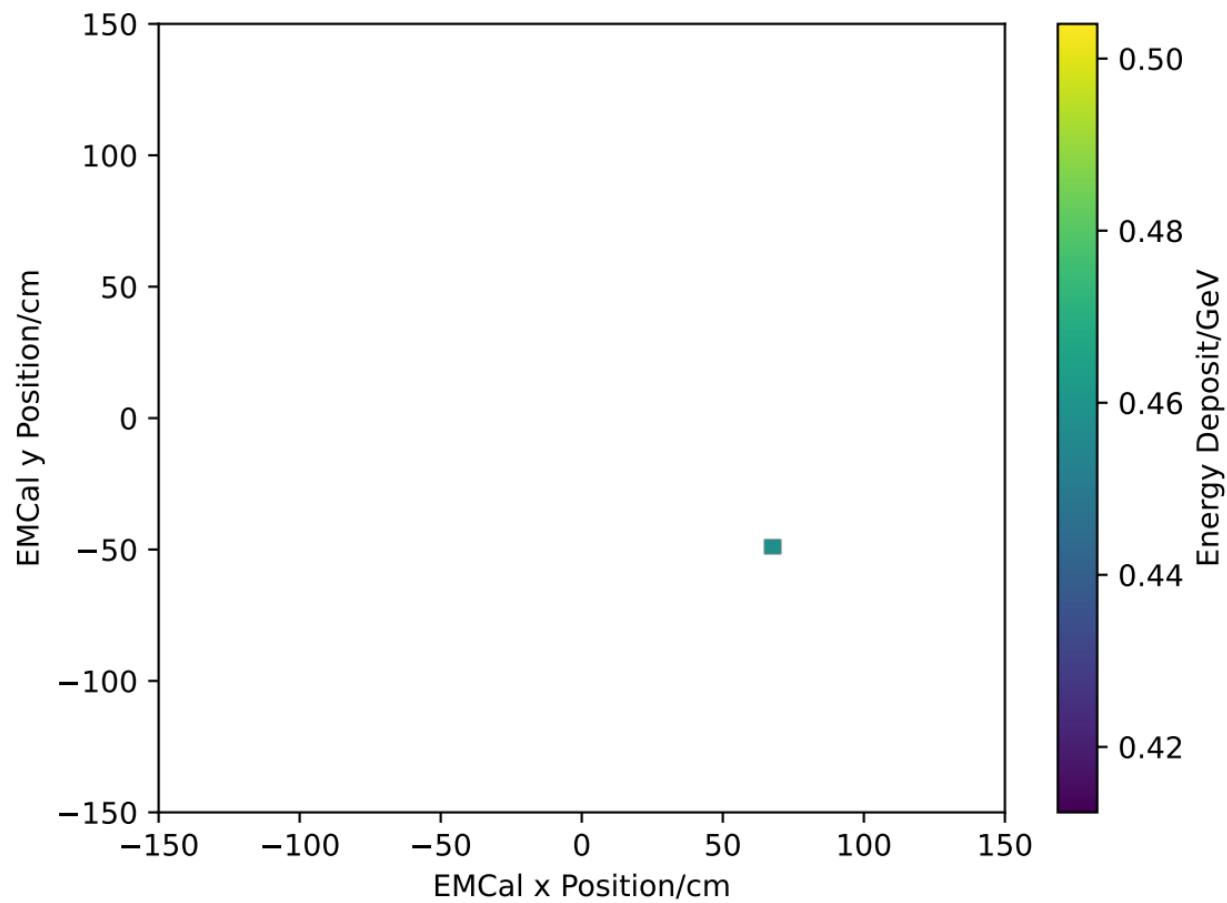


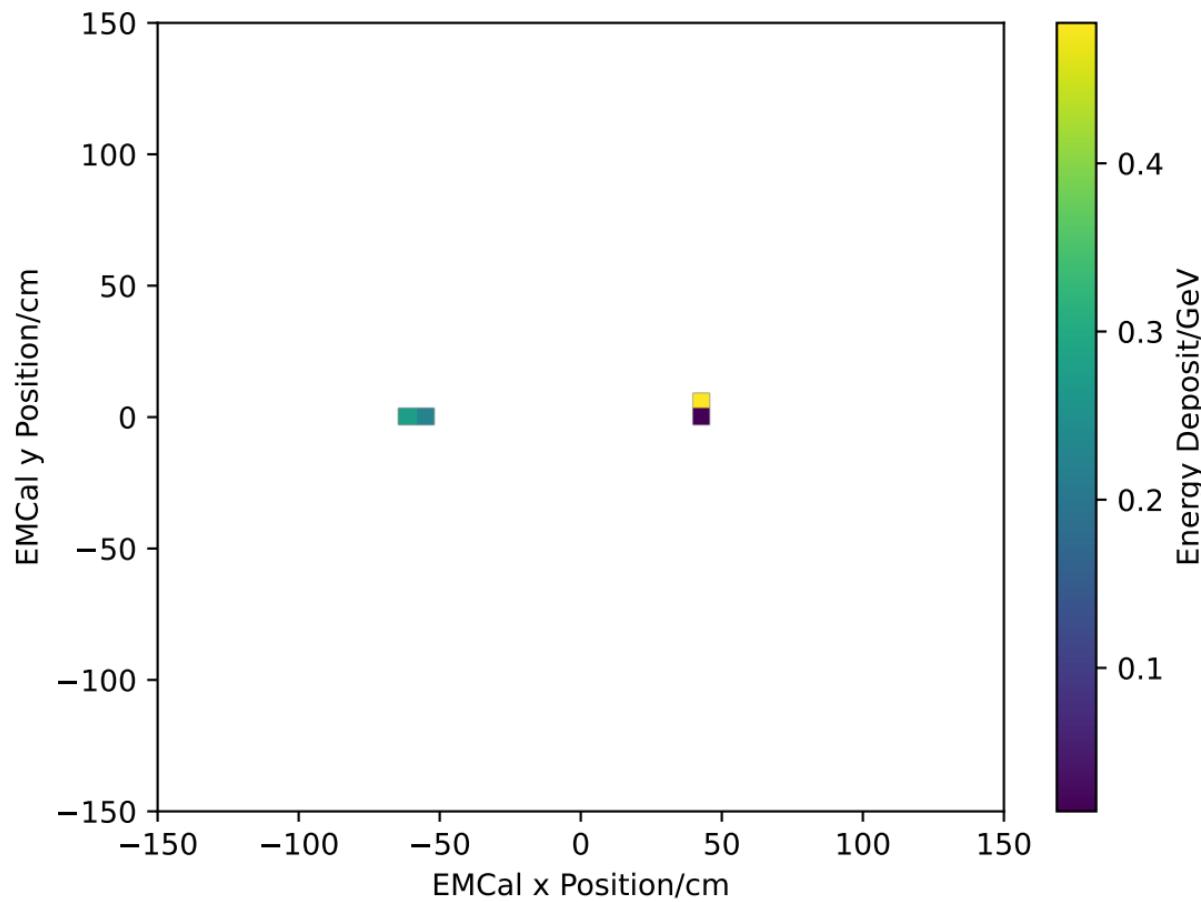


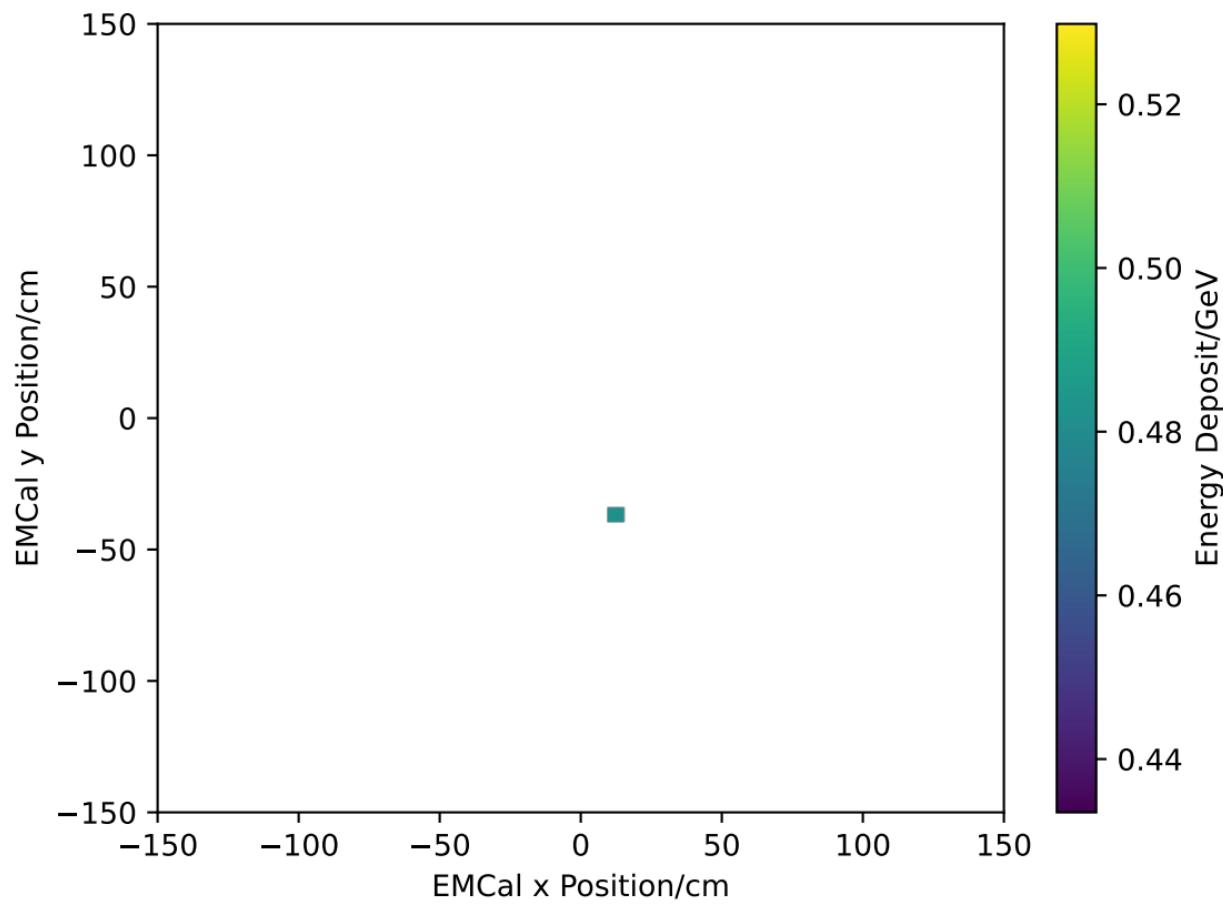
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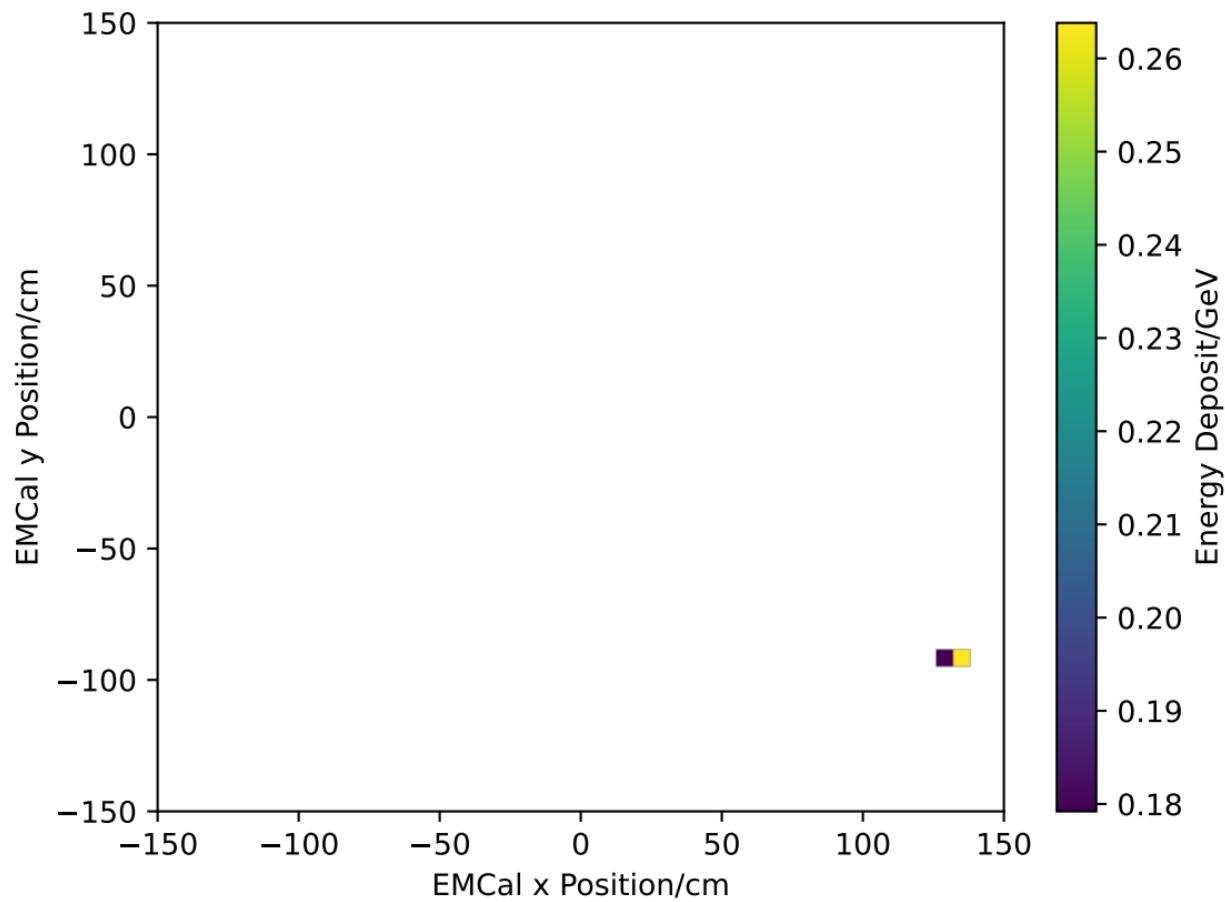


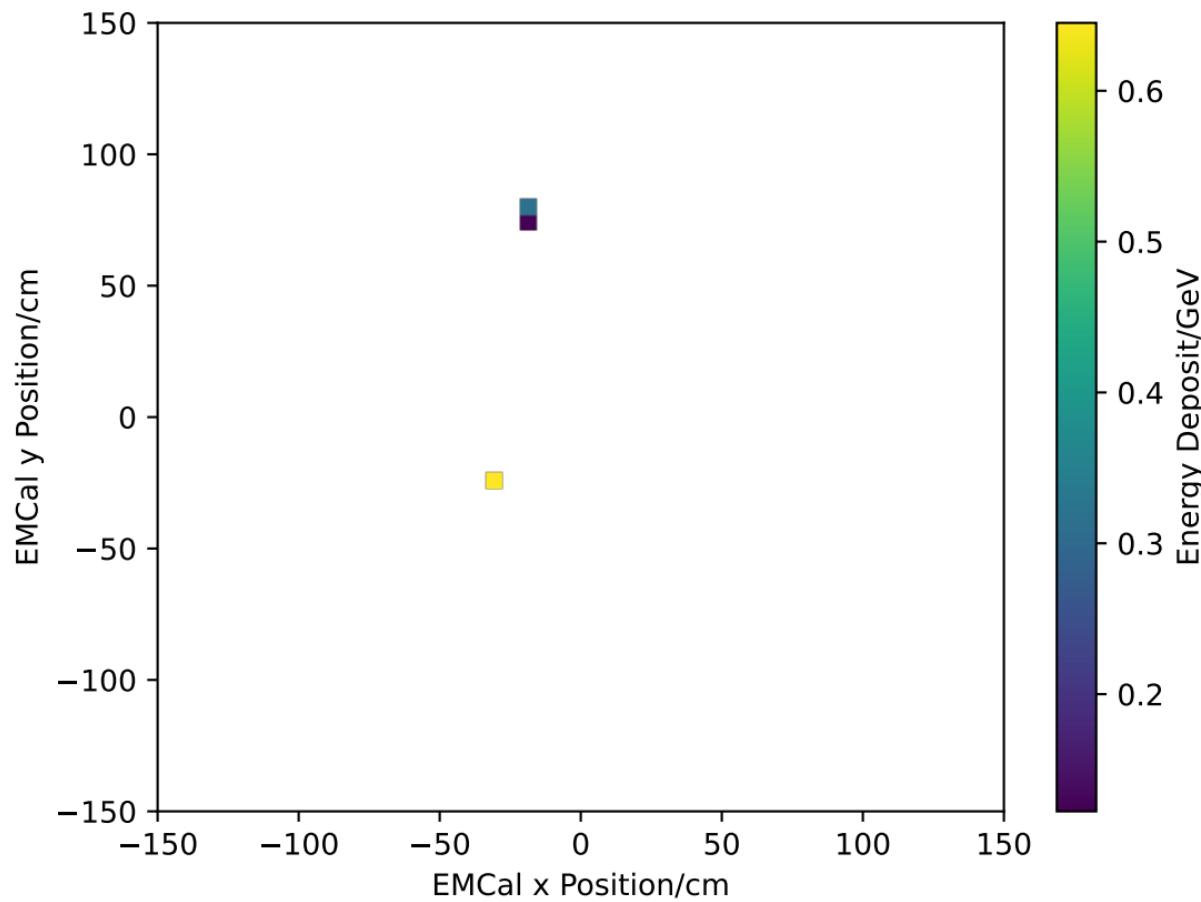


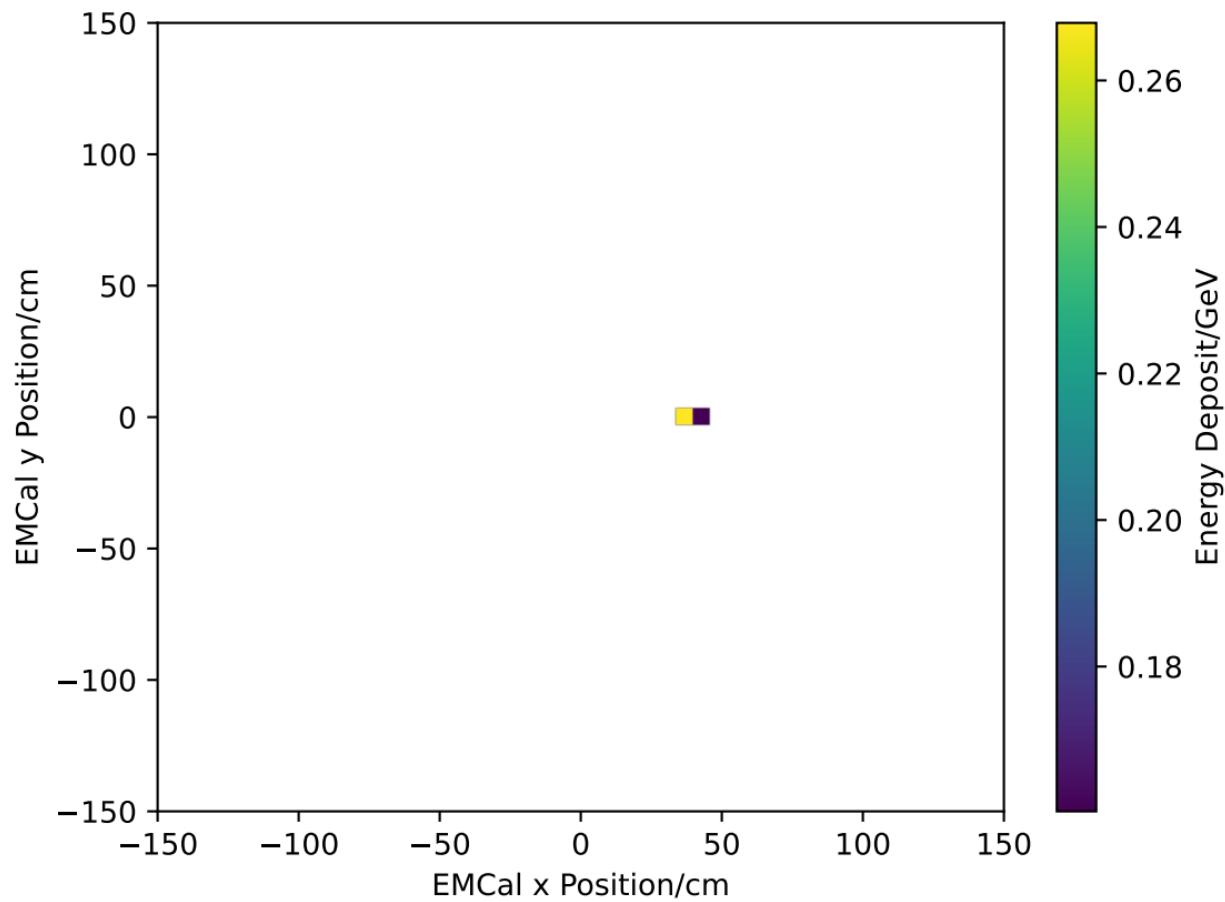


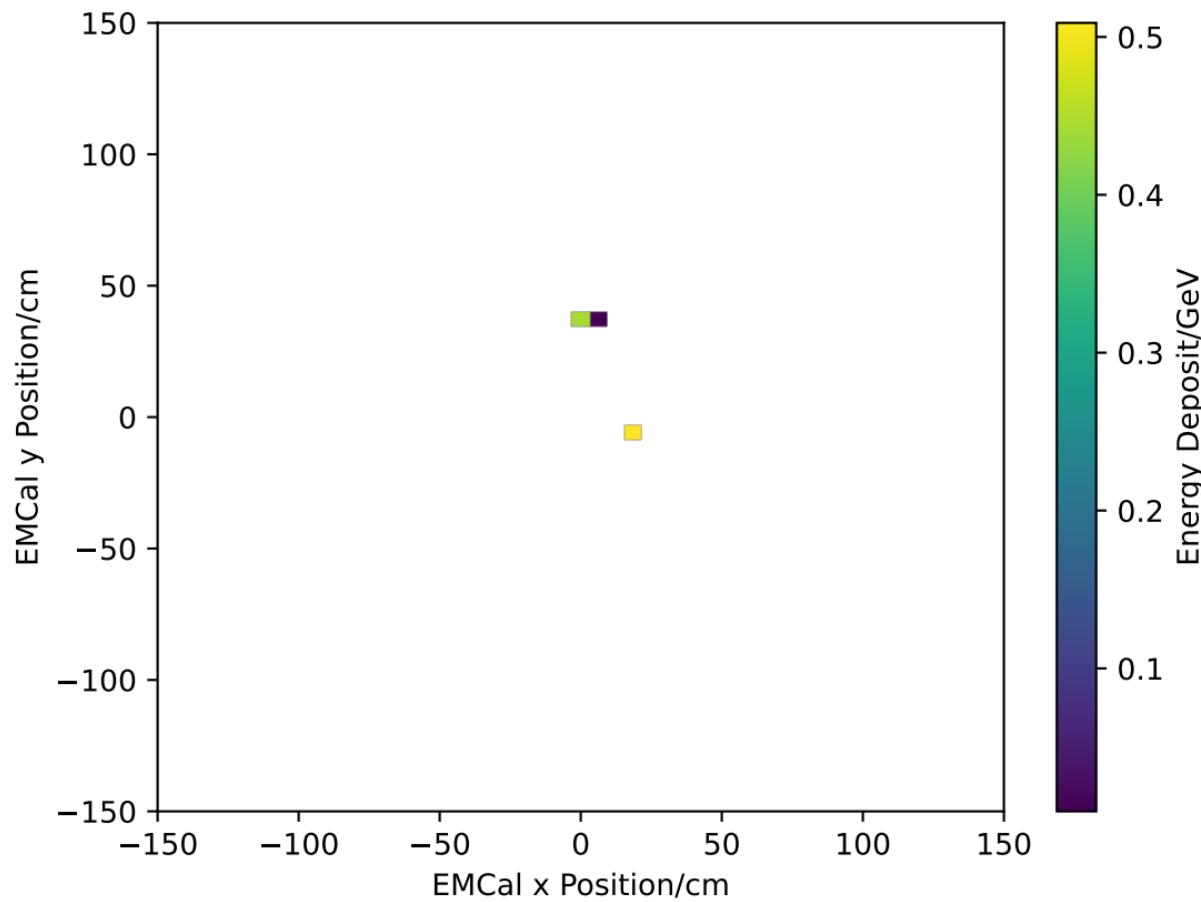


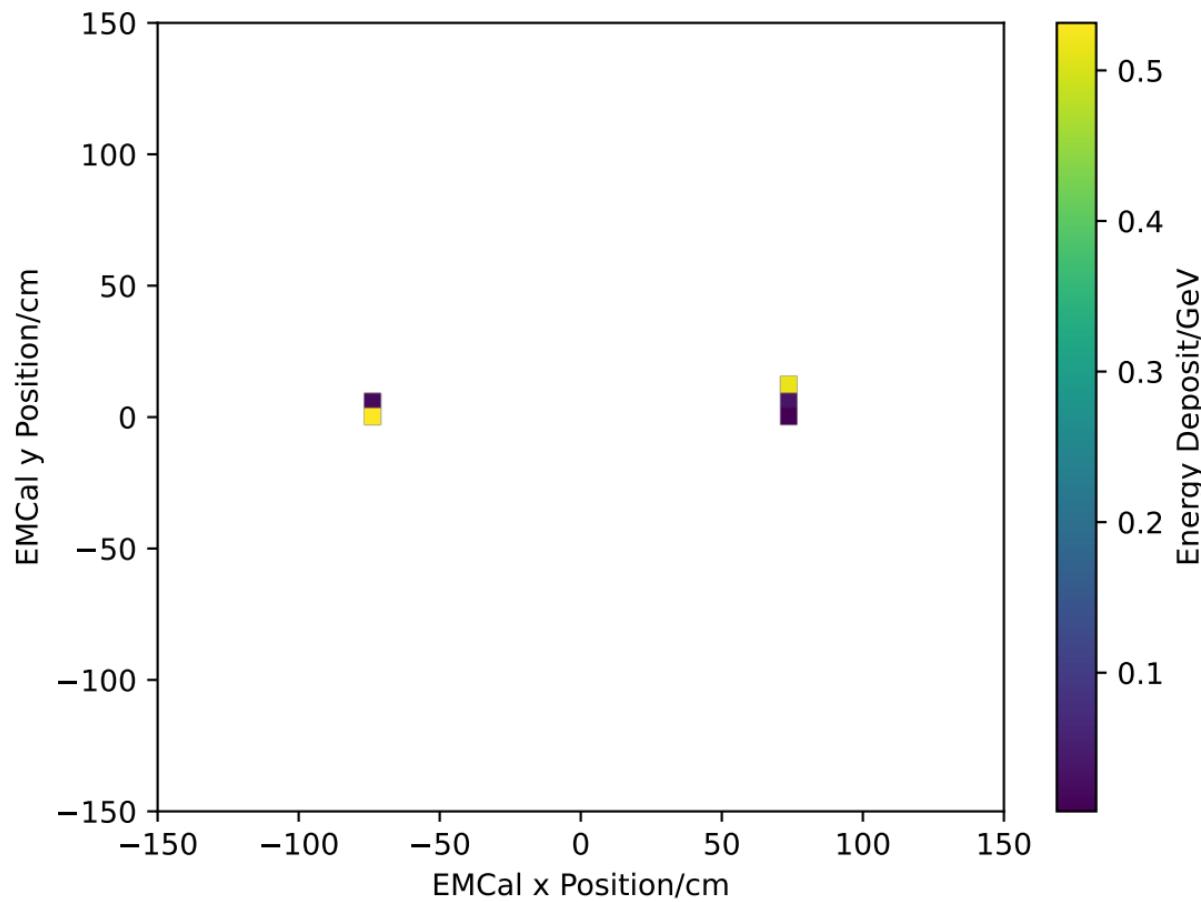


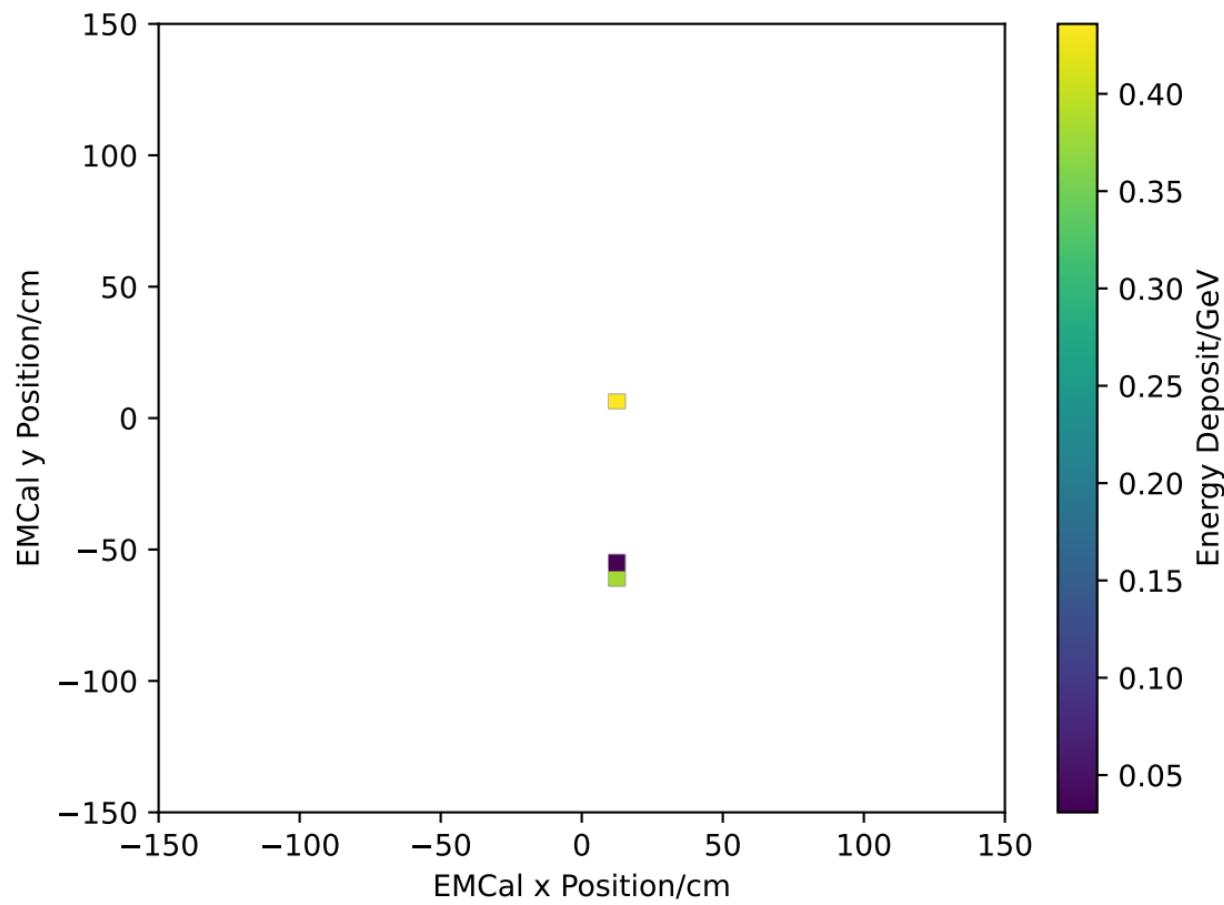


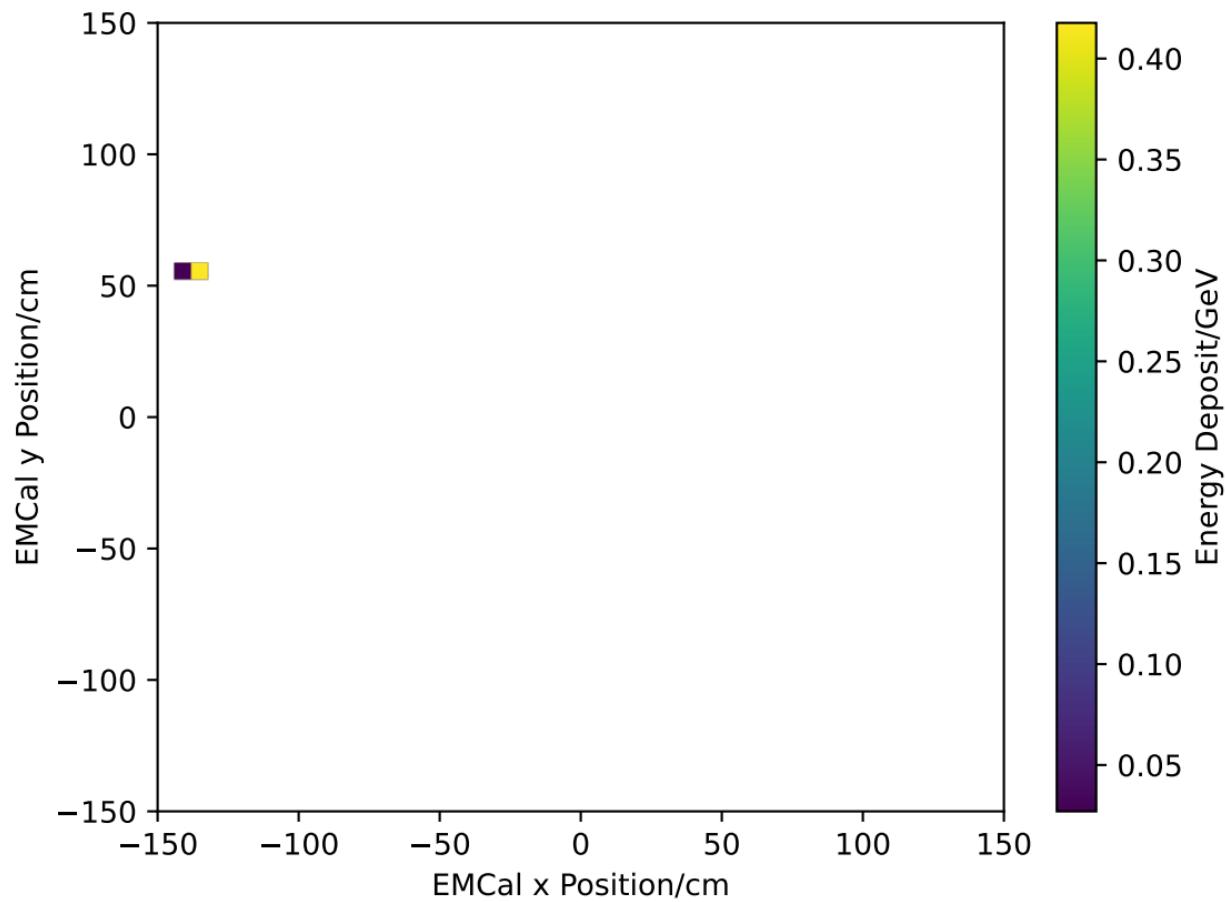


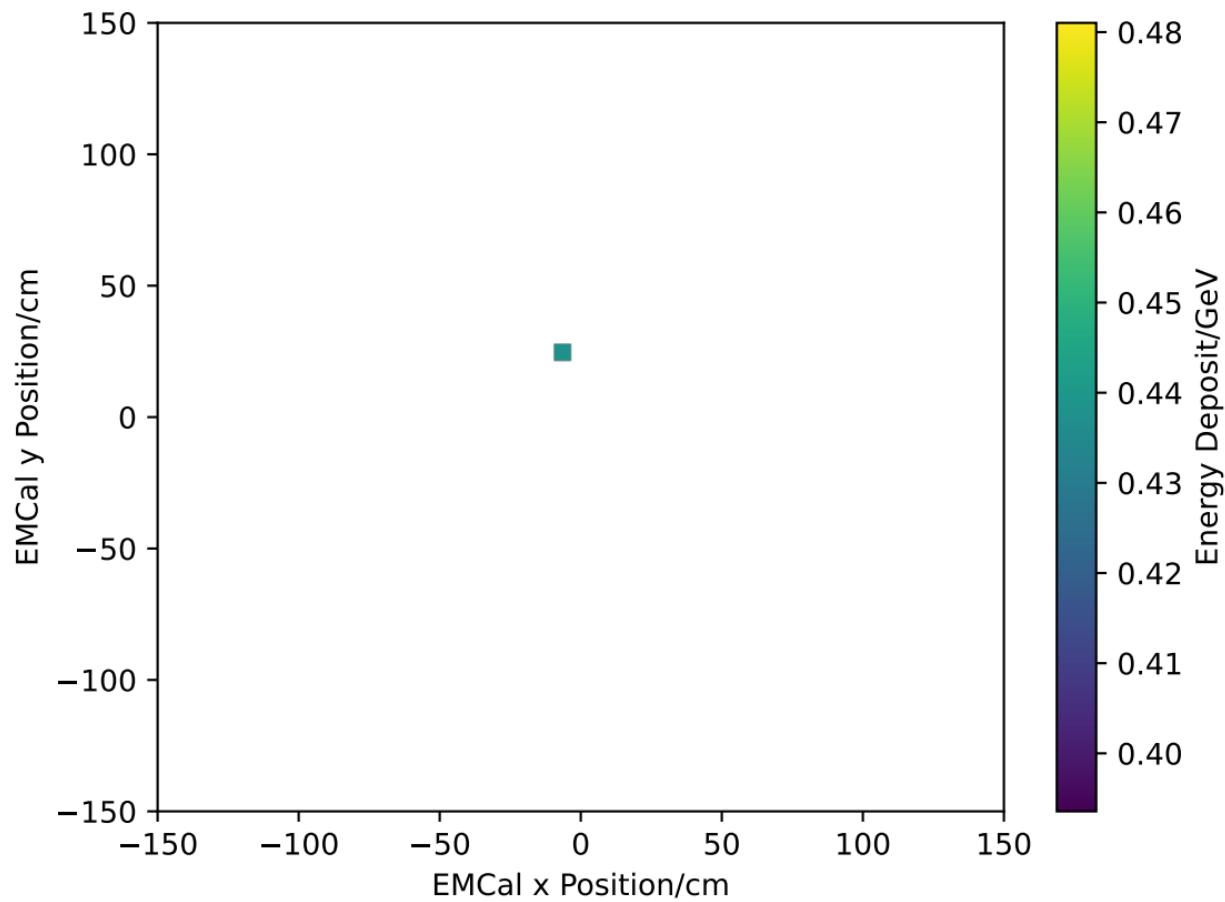


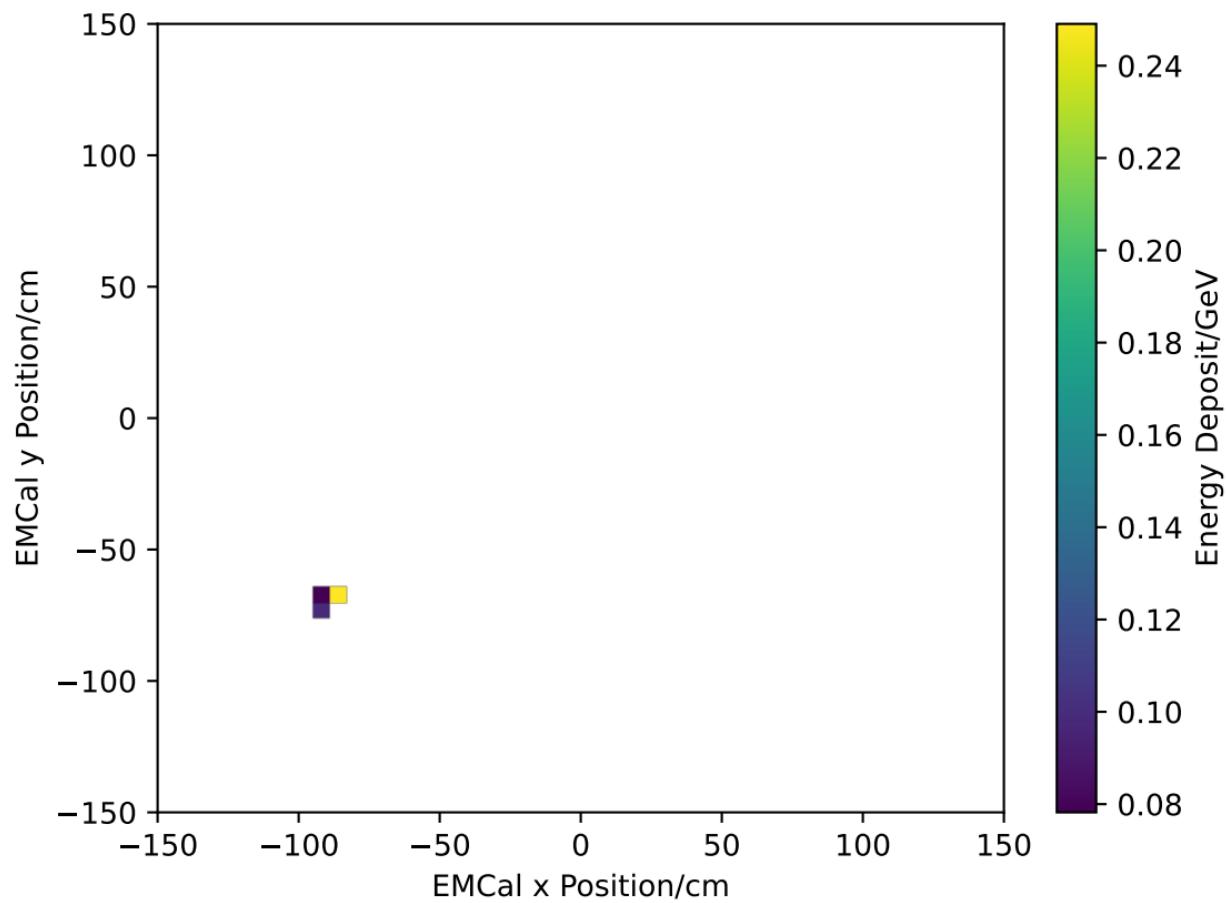


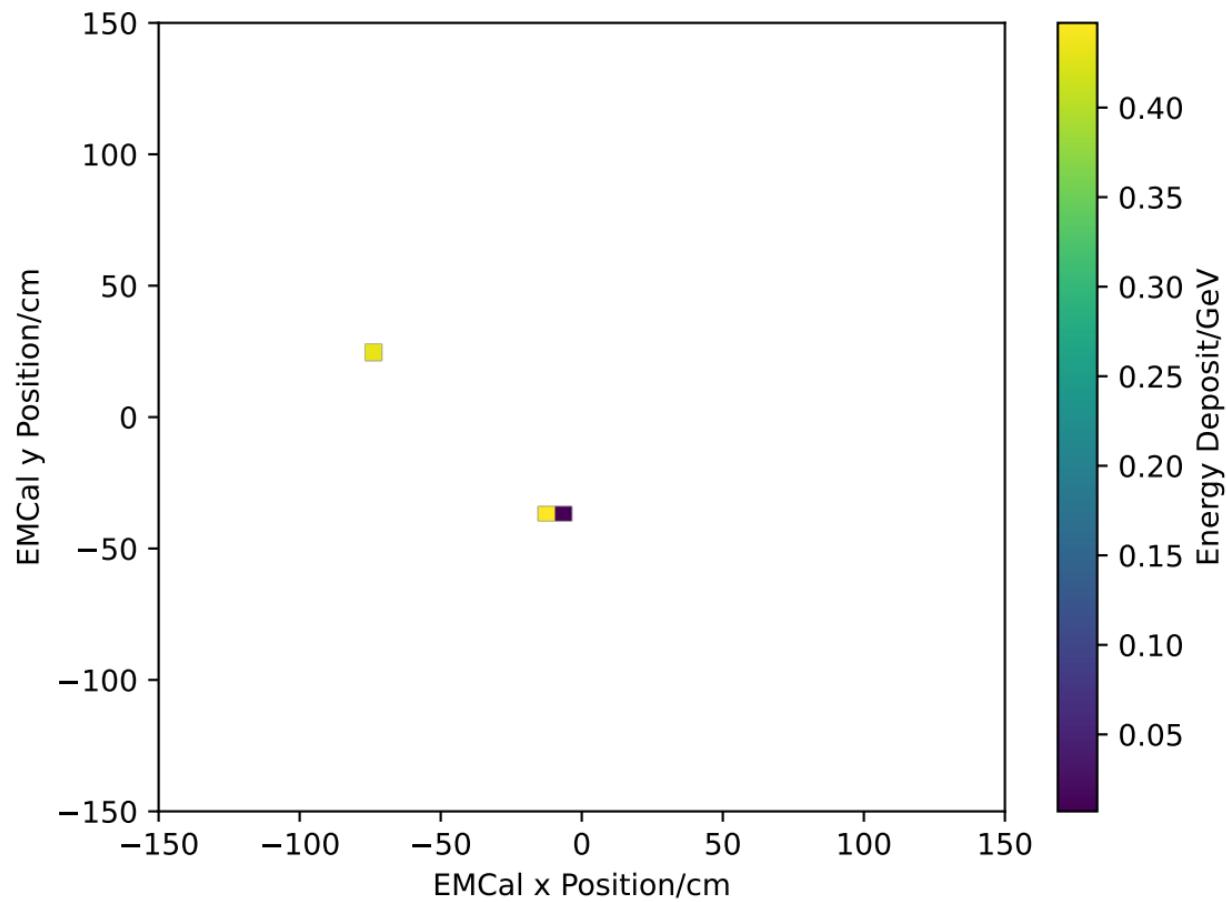


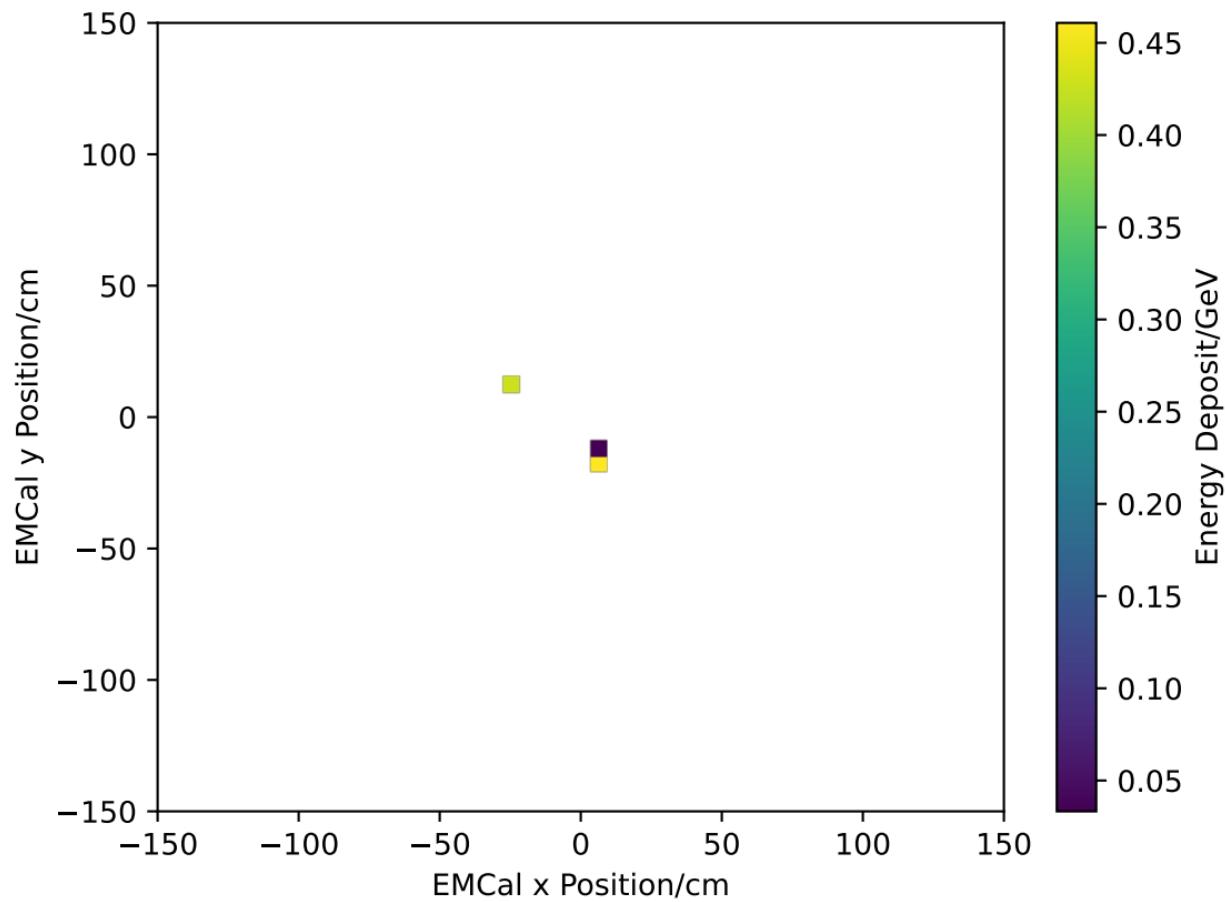


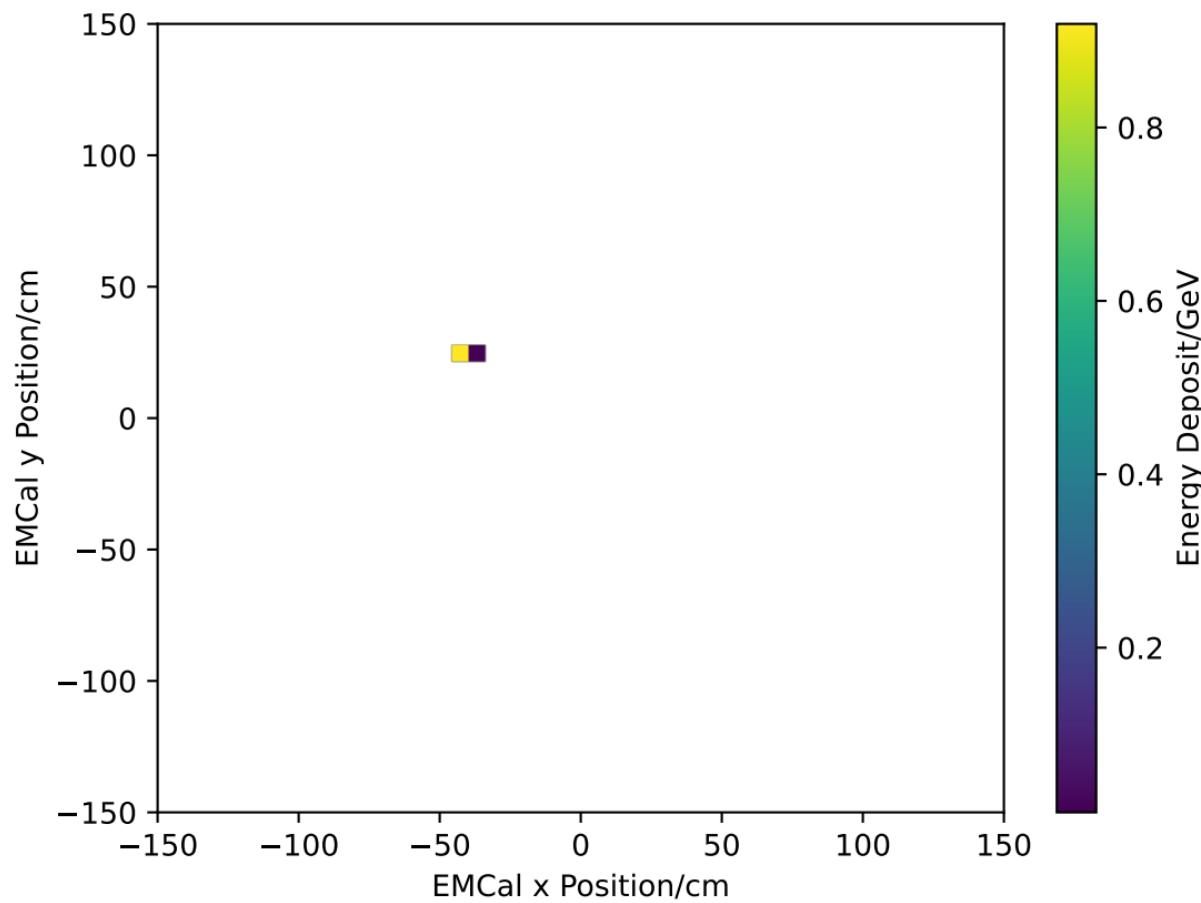


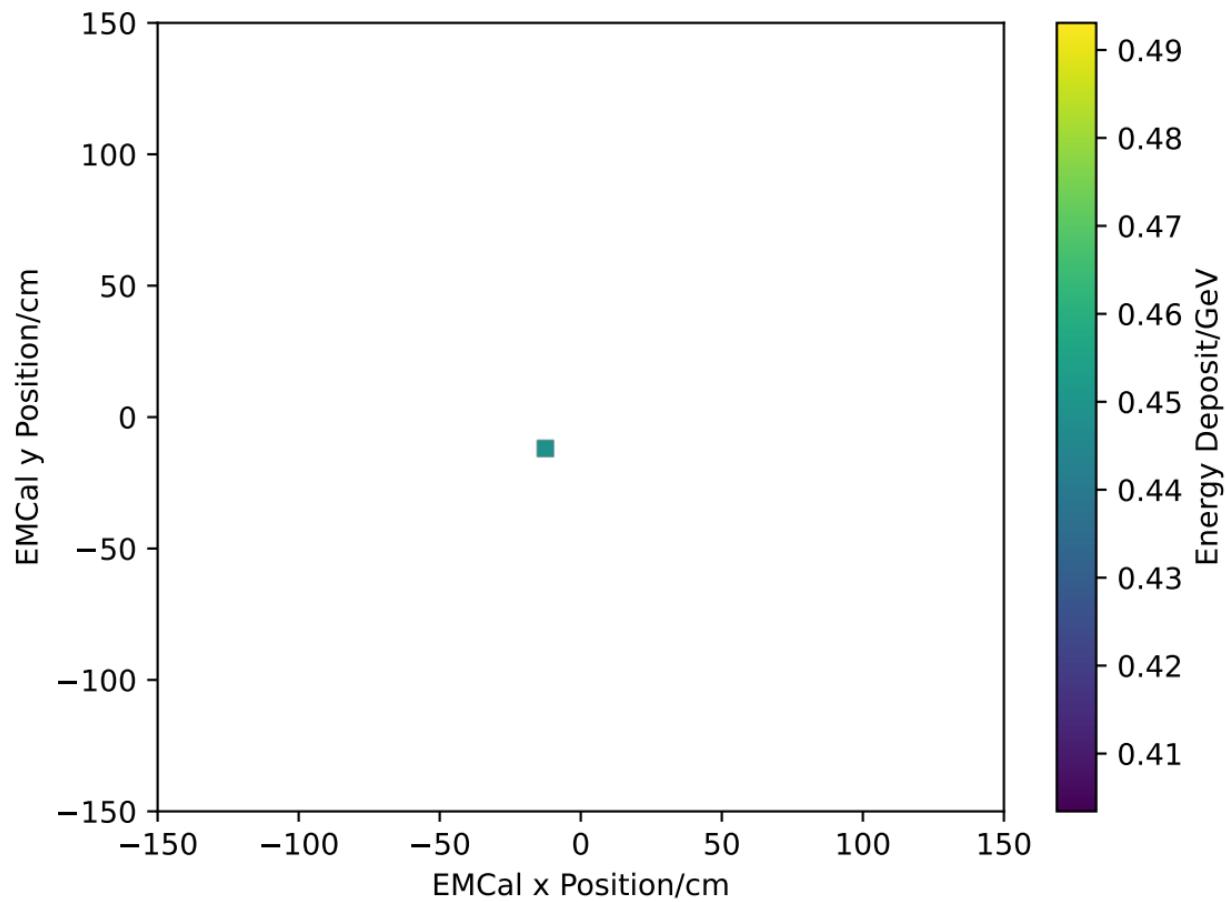


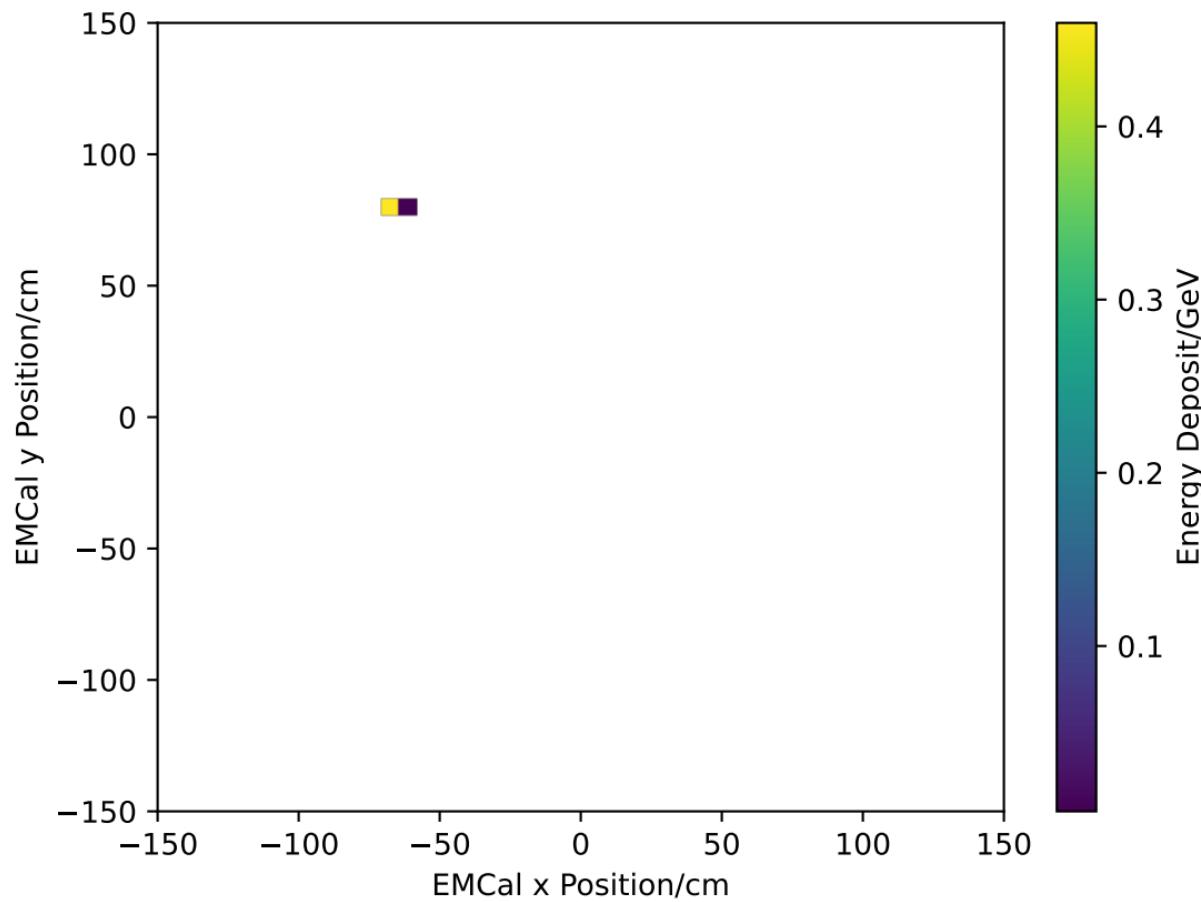


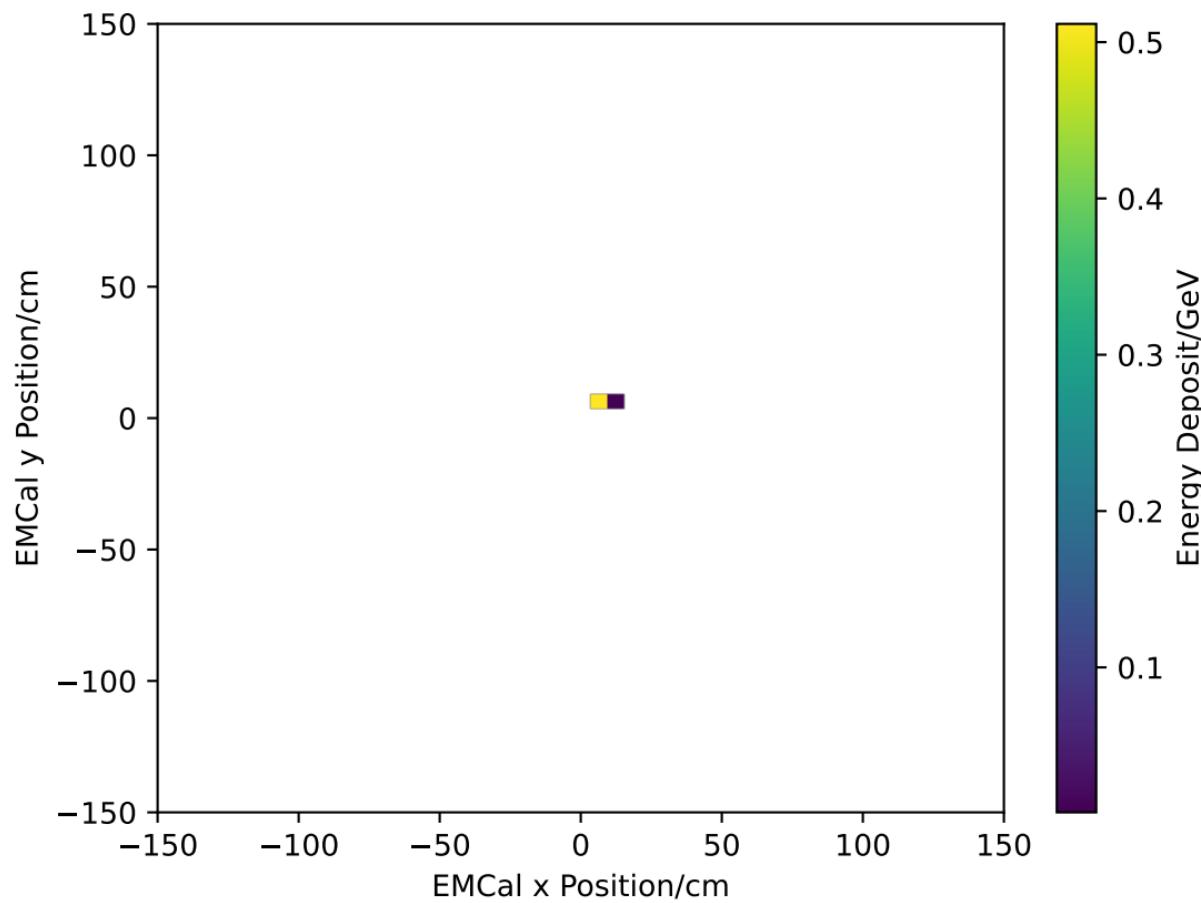


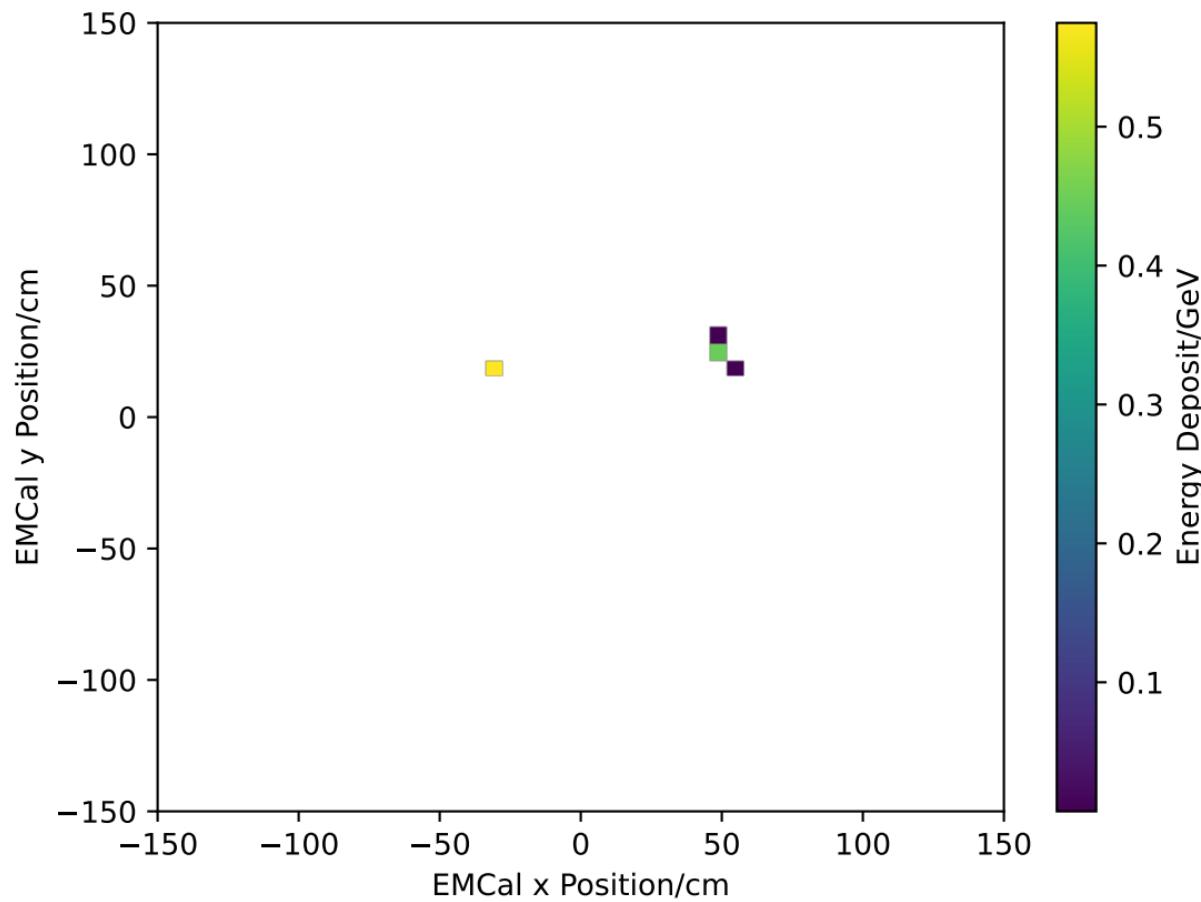




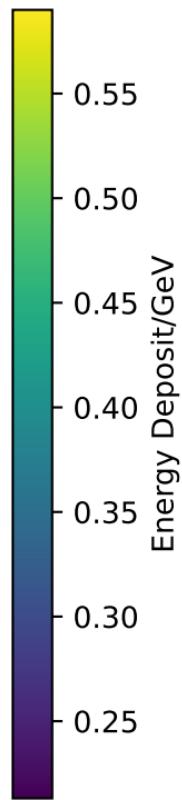
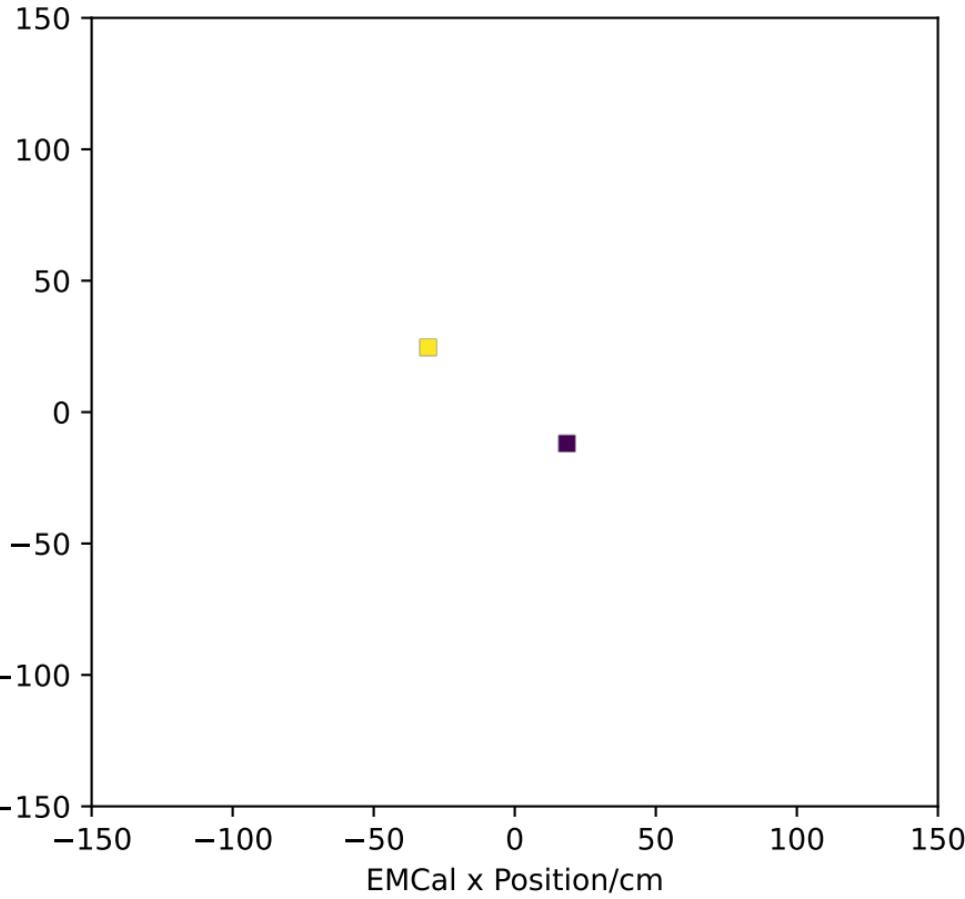


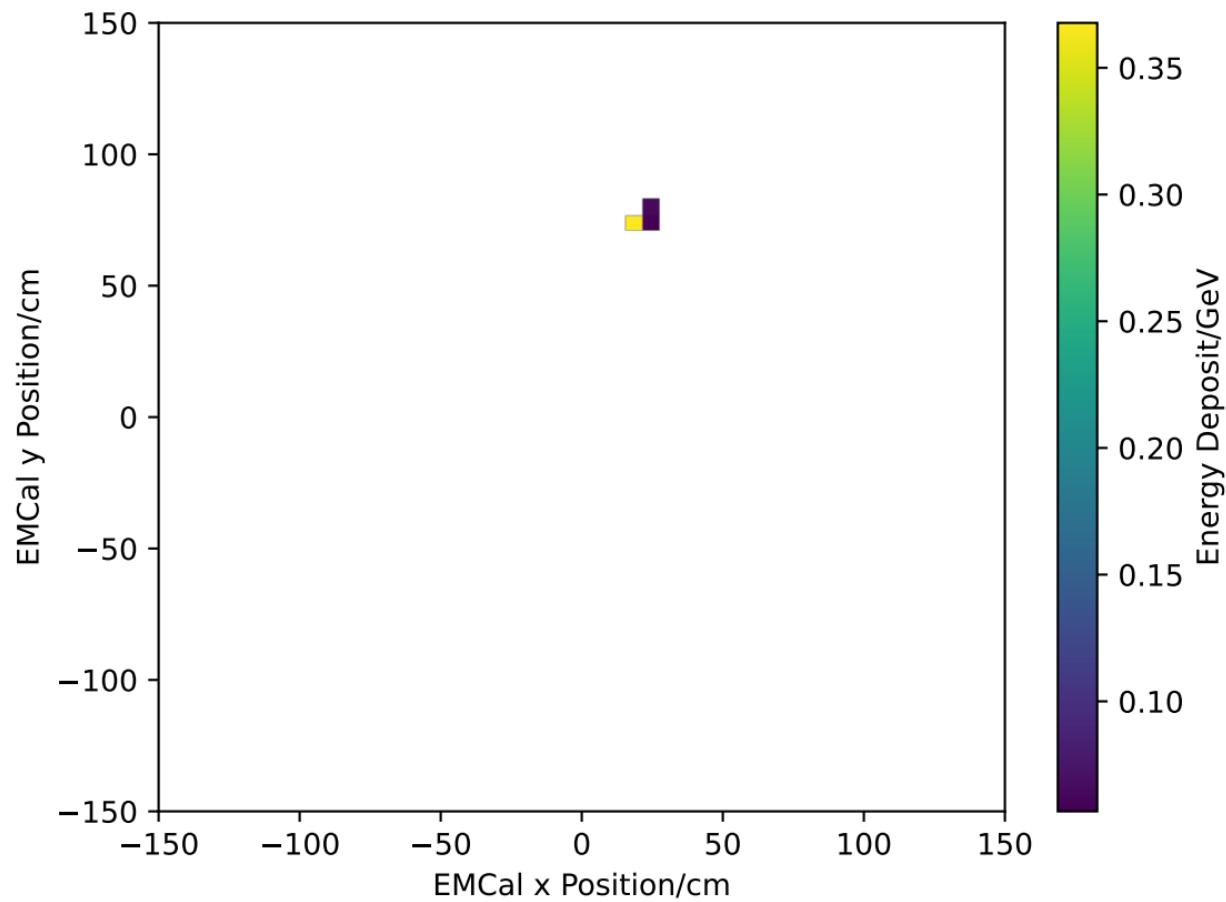


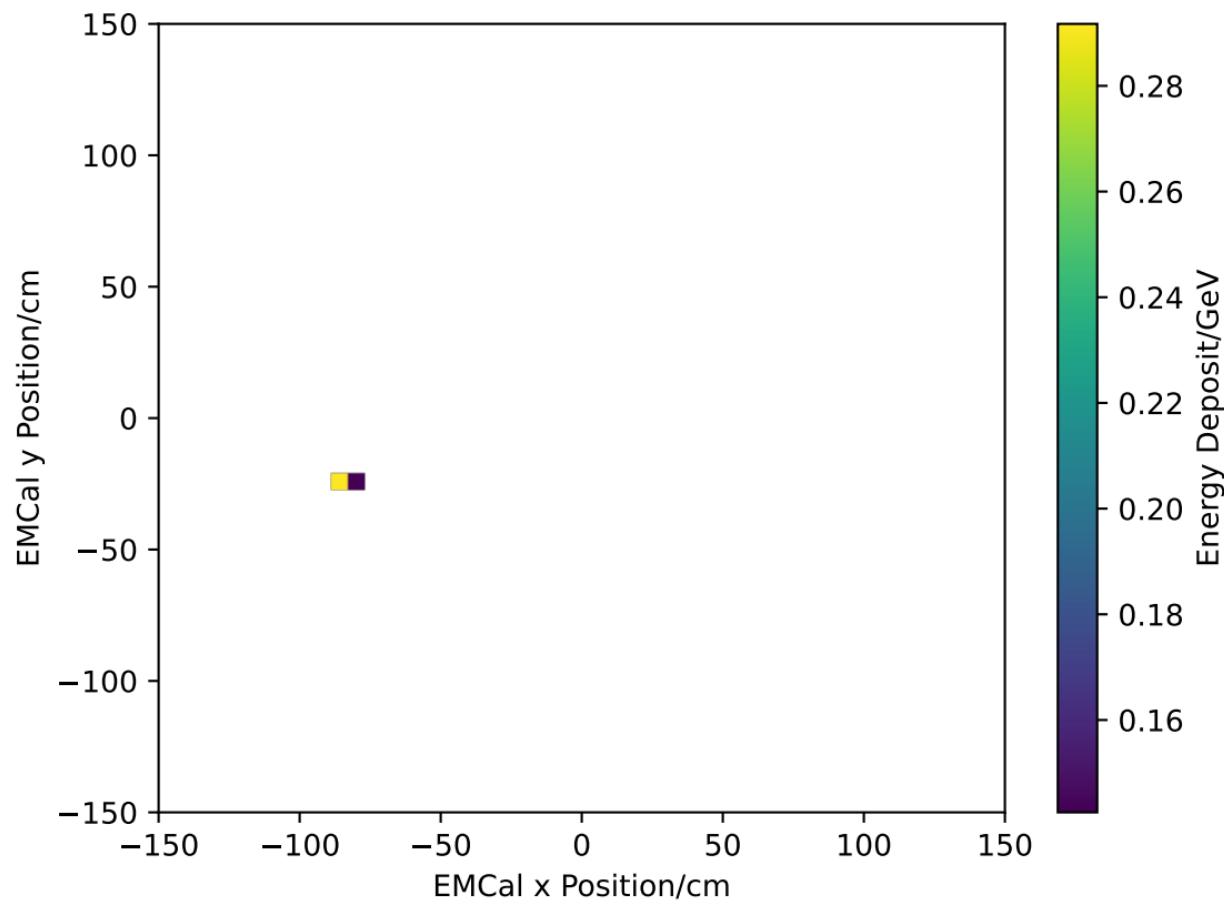




EMCal y Position/cm







EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

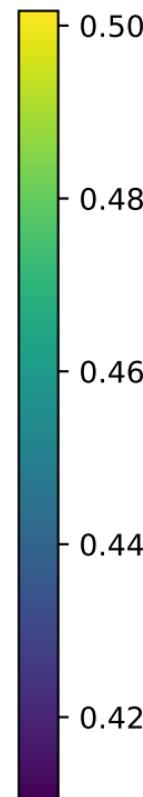
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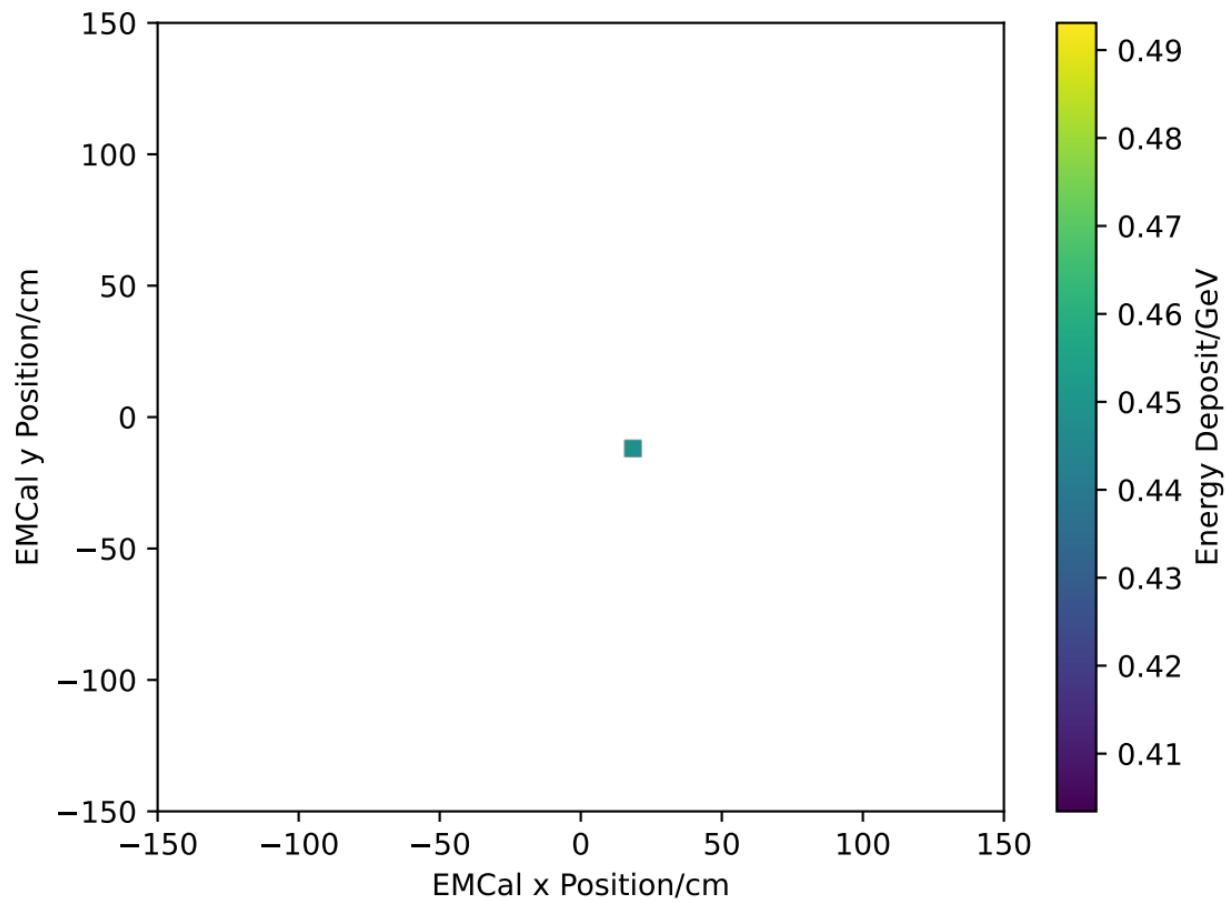
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100

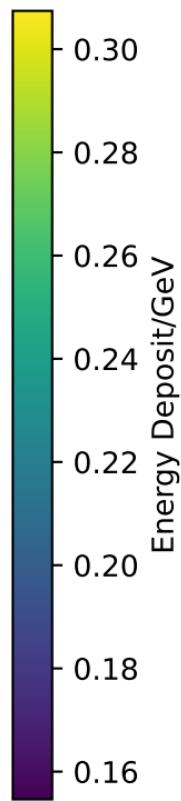
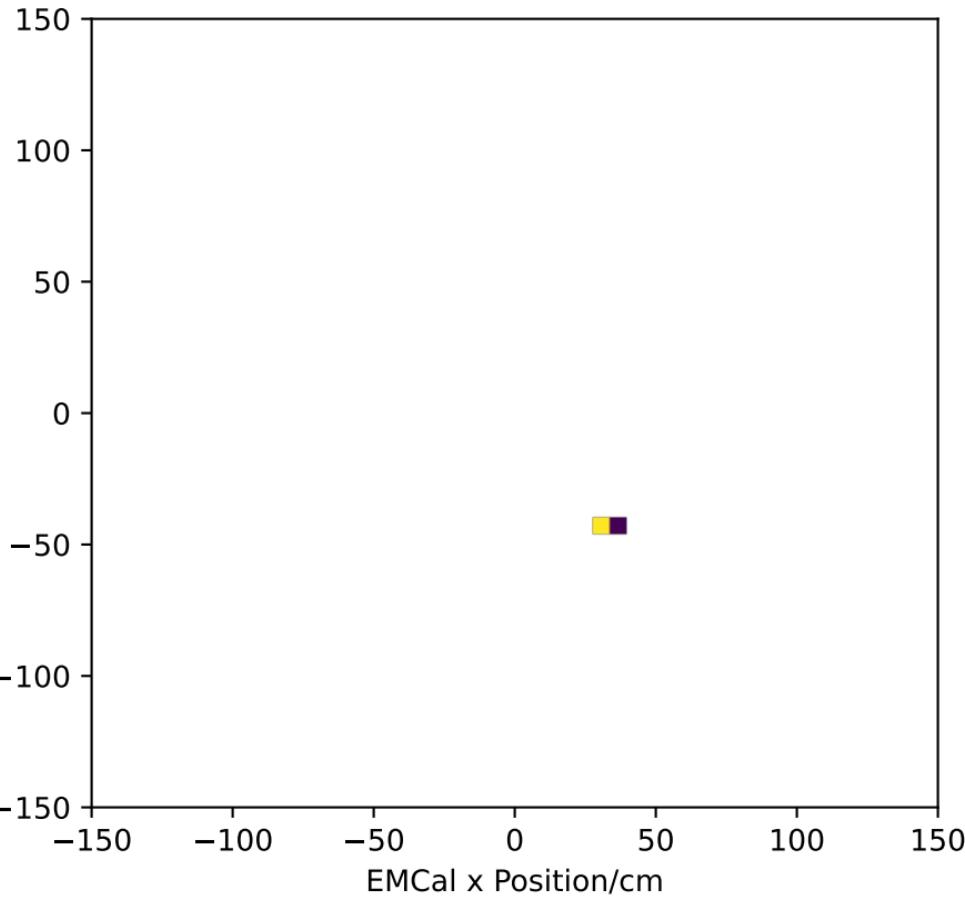
150

EMCal x Position/cm



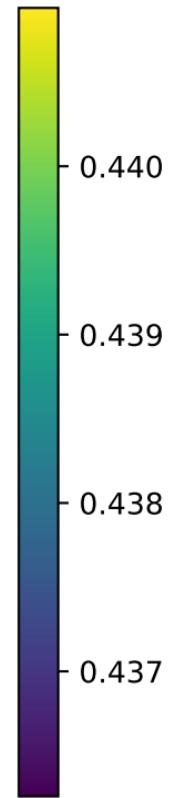
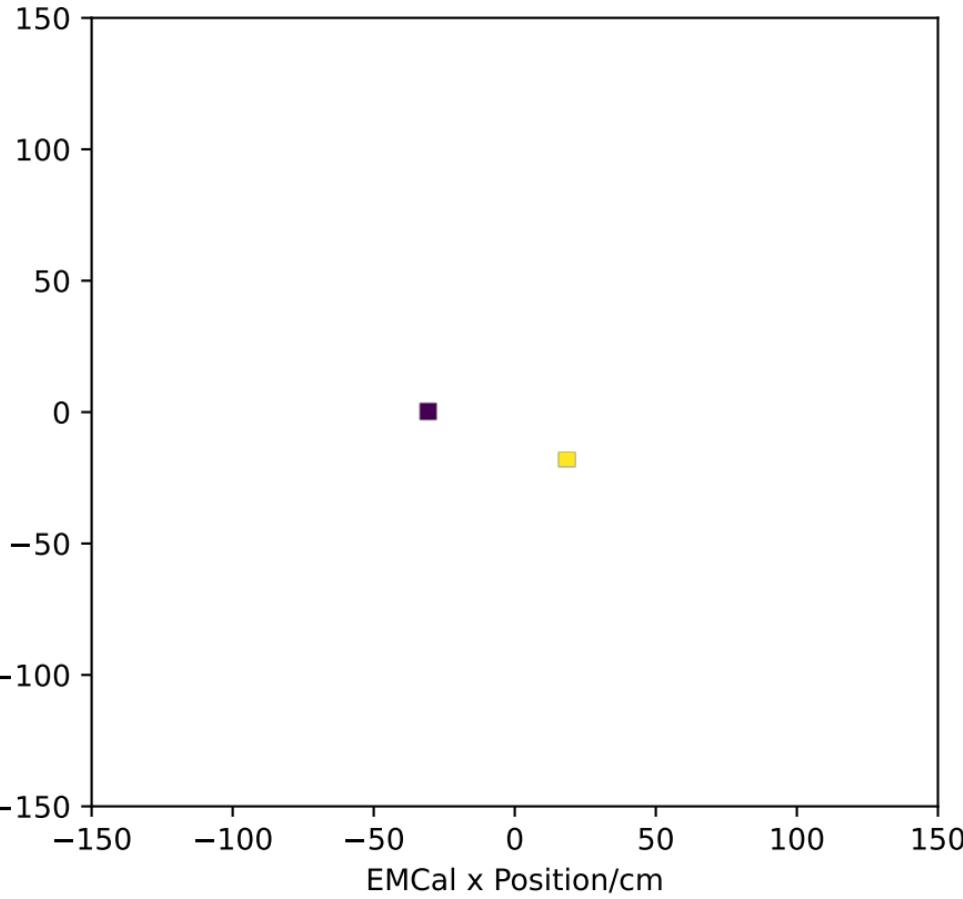


EMCal y Position/cm

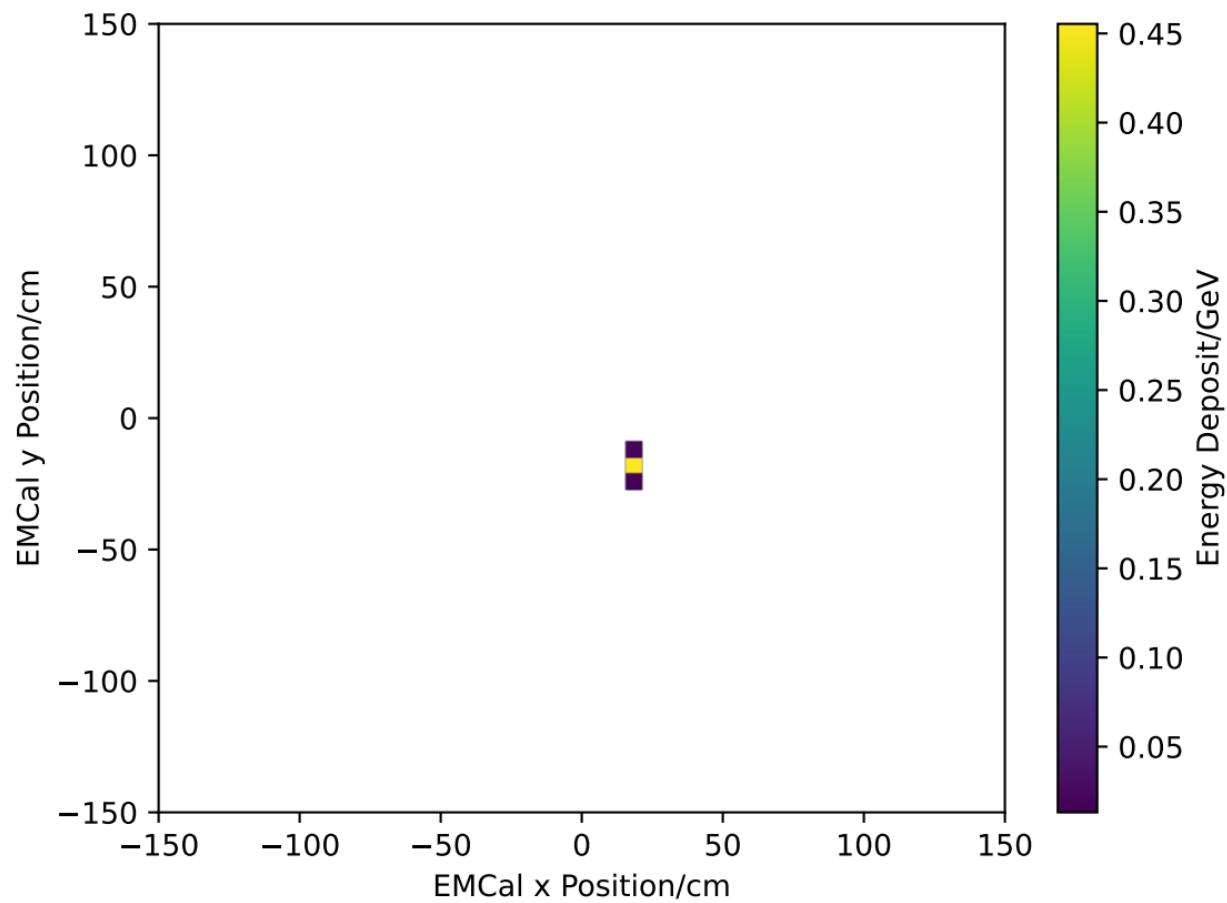


Energy Deposit/GeV

EMCal y Position/cm



Energy Deposit/GeV



EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

100

150

EMCal x Position/cm



Energy Deposit/GeV

0.54

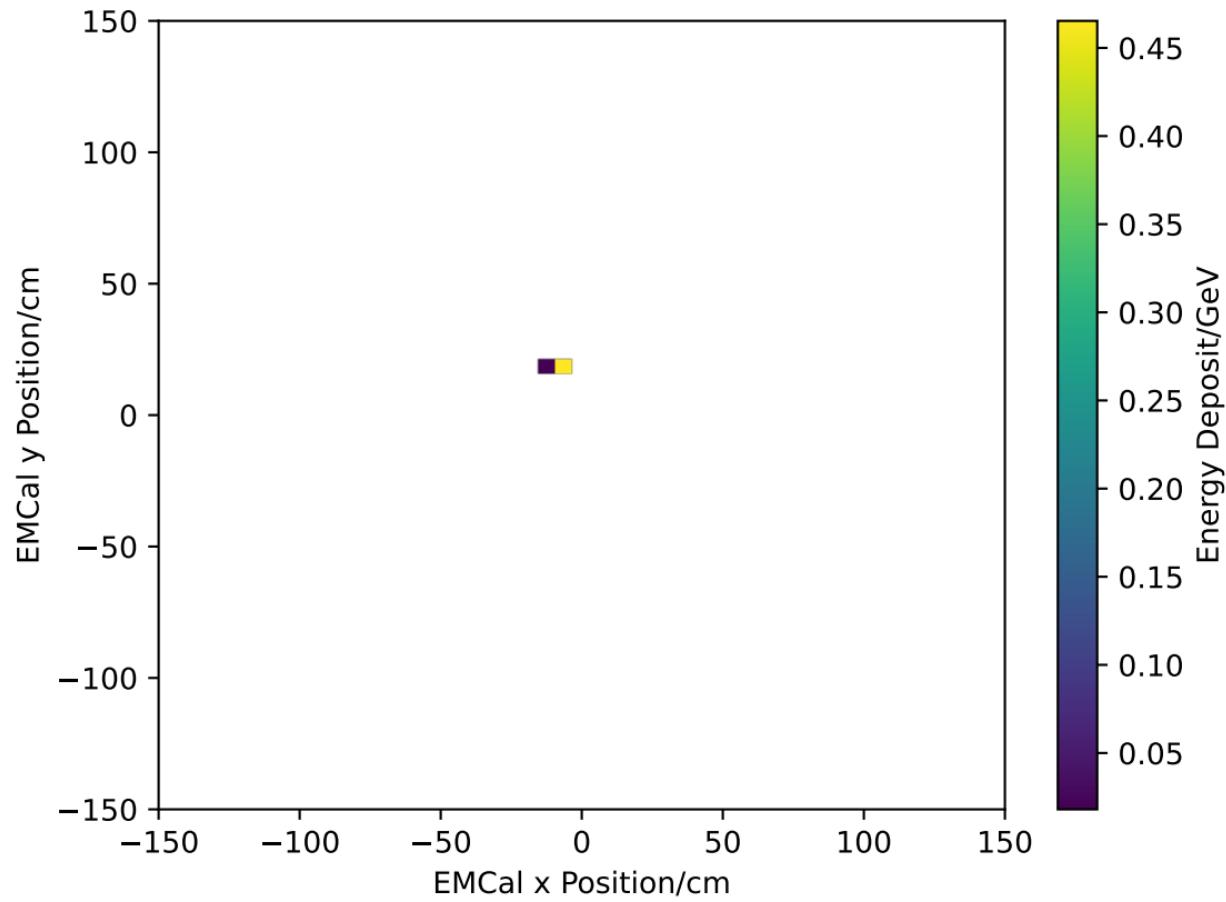
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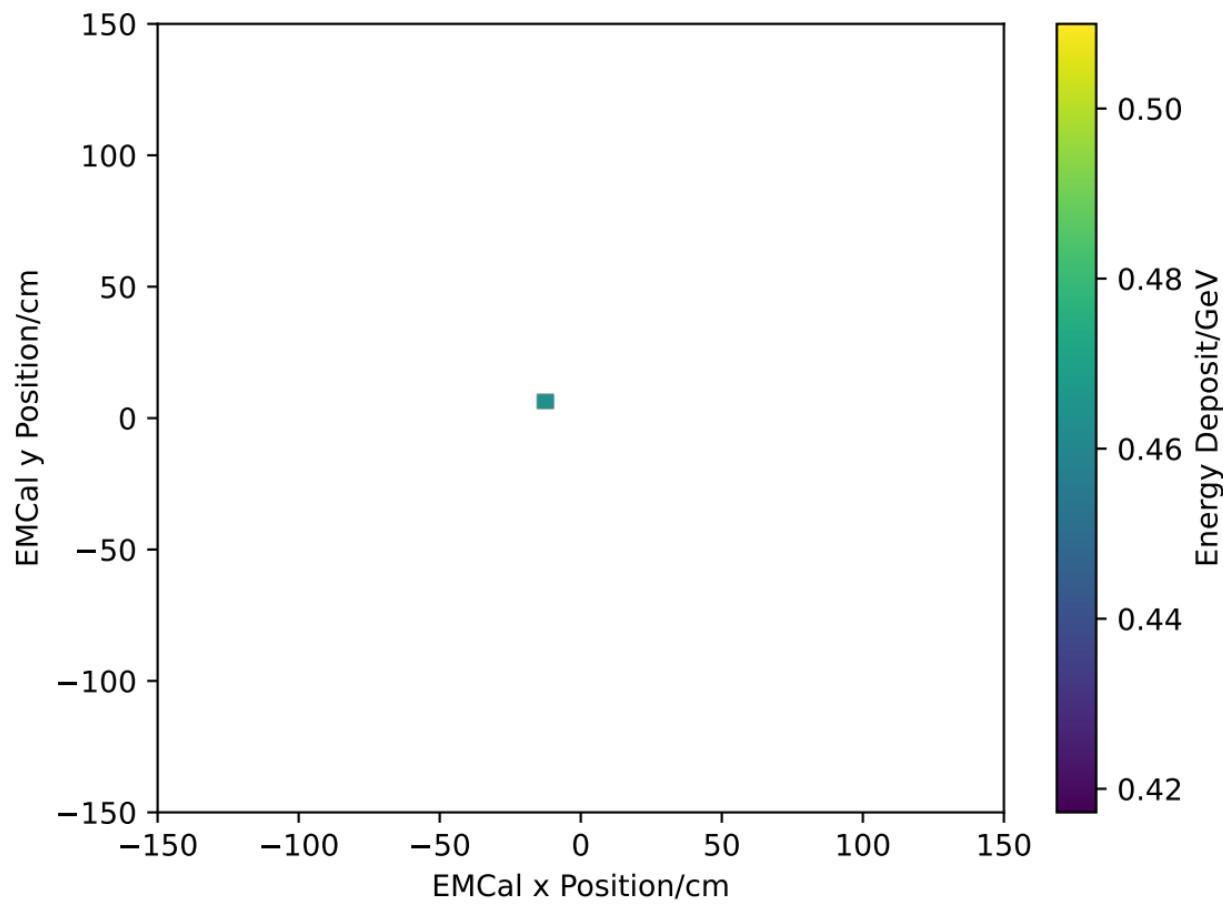
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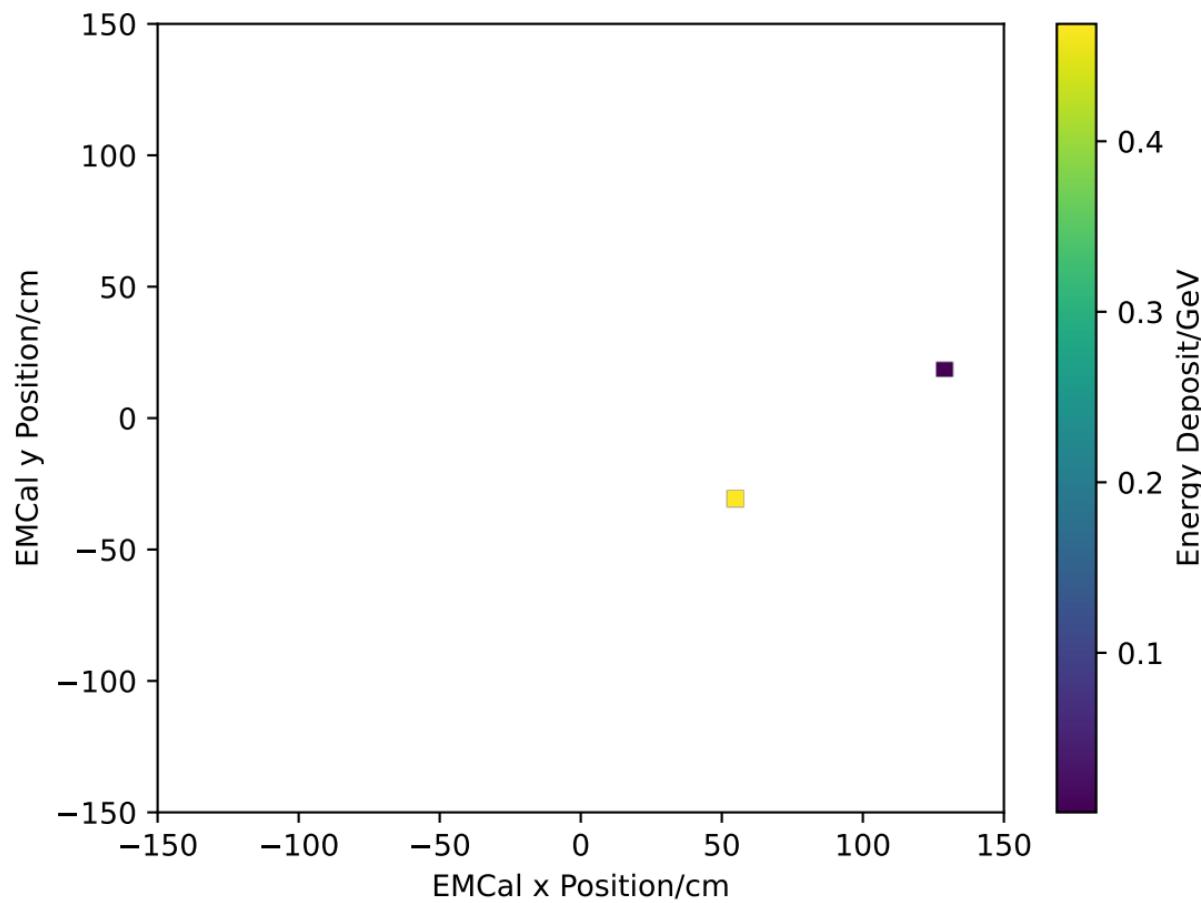
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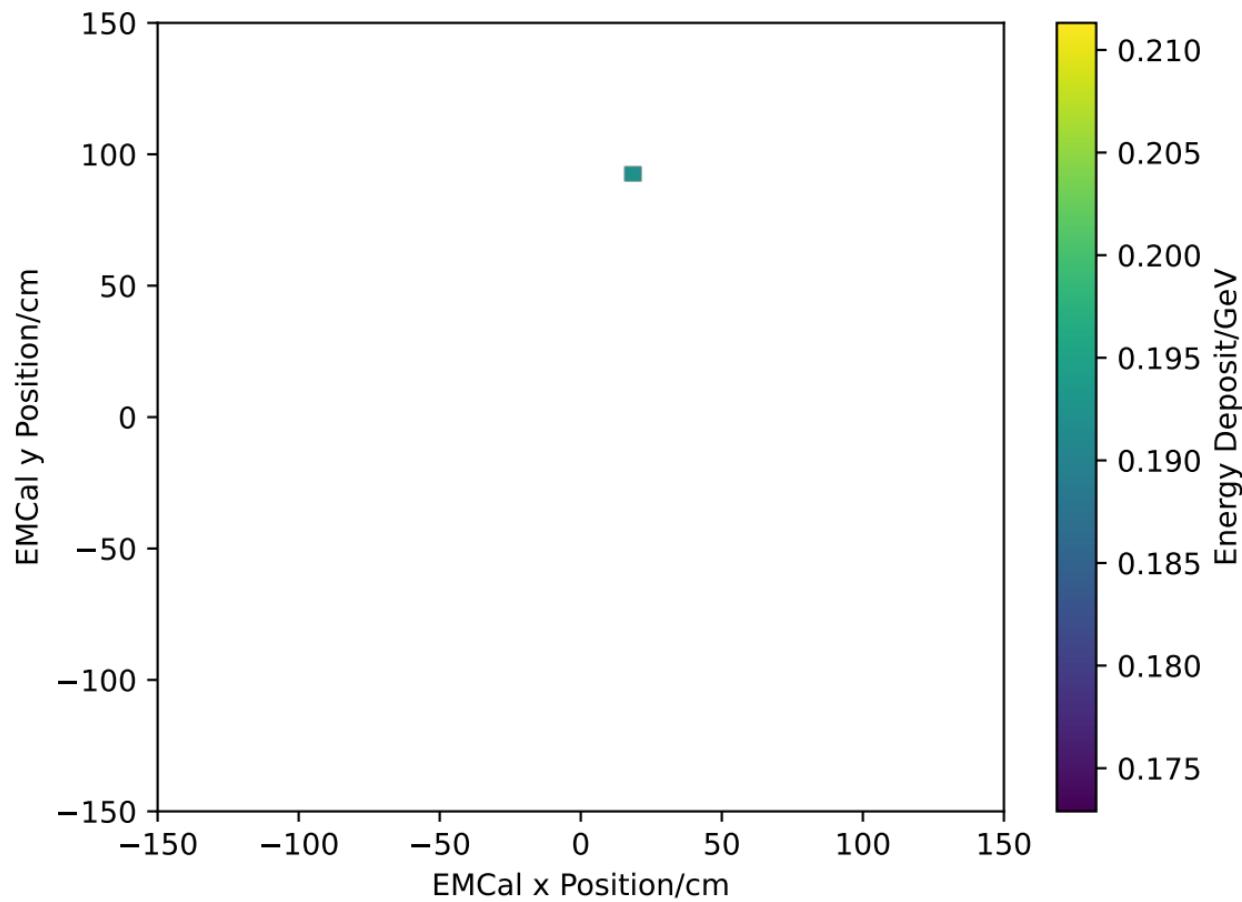
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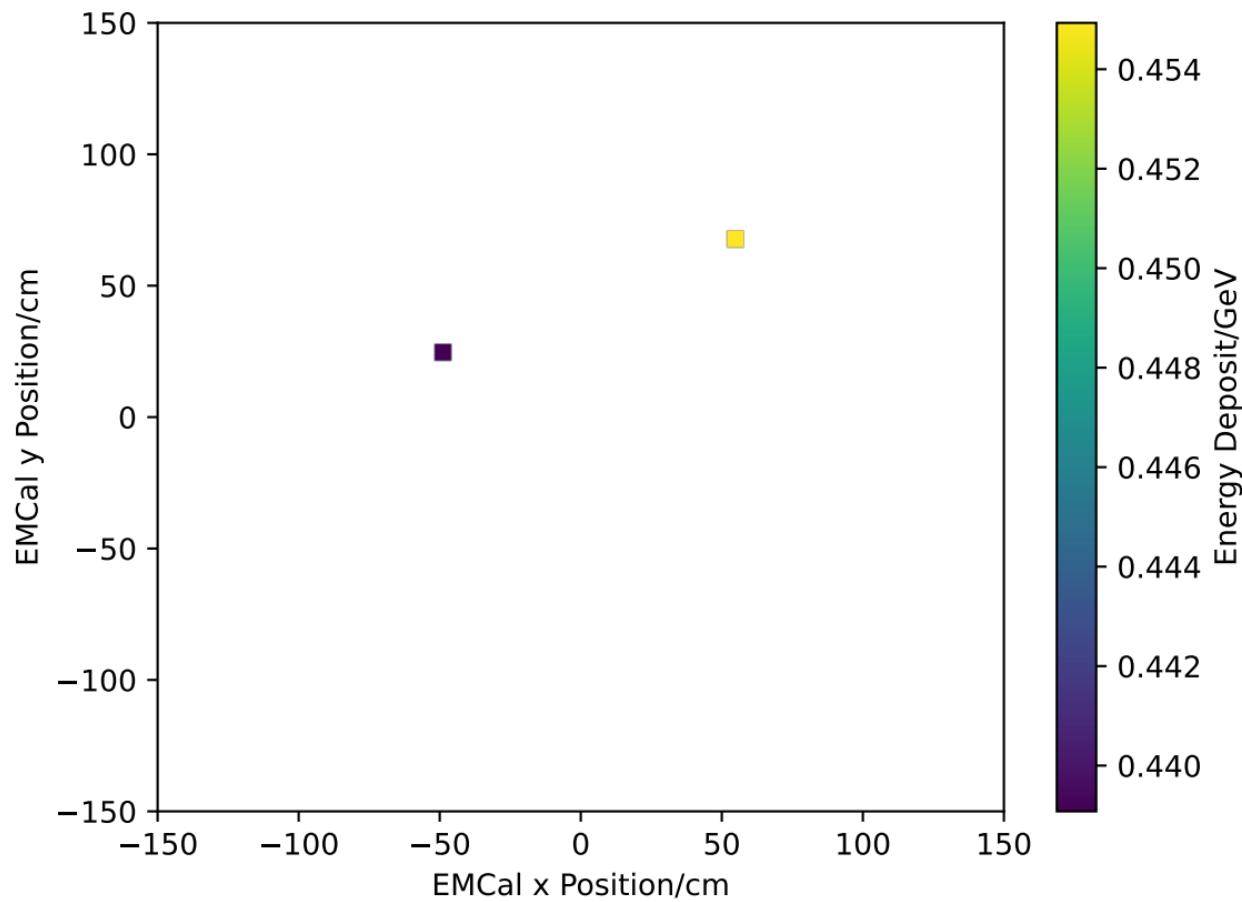
0.49











EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

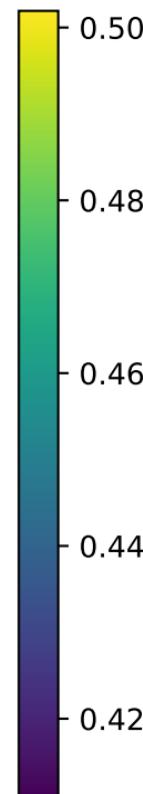
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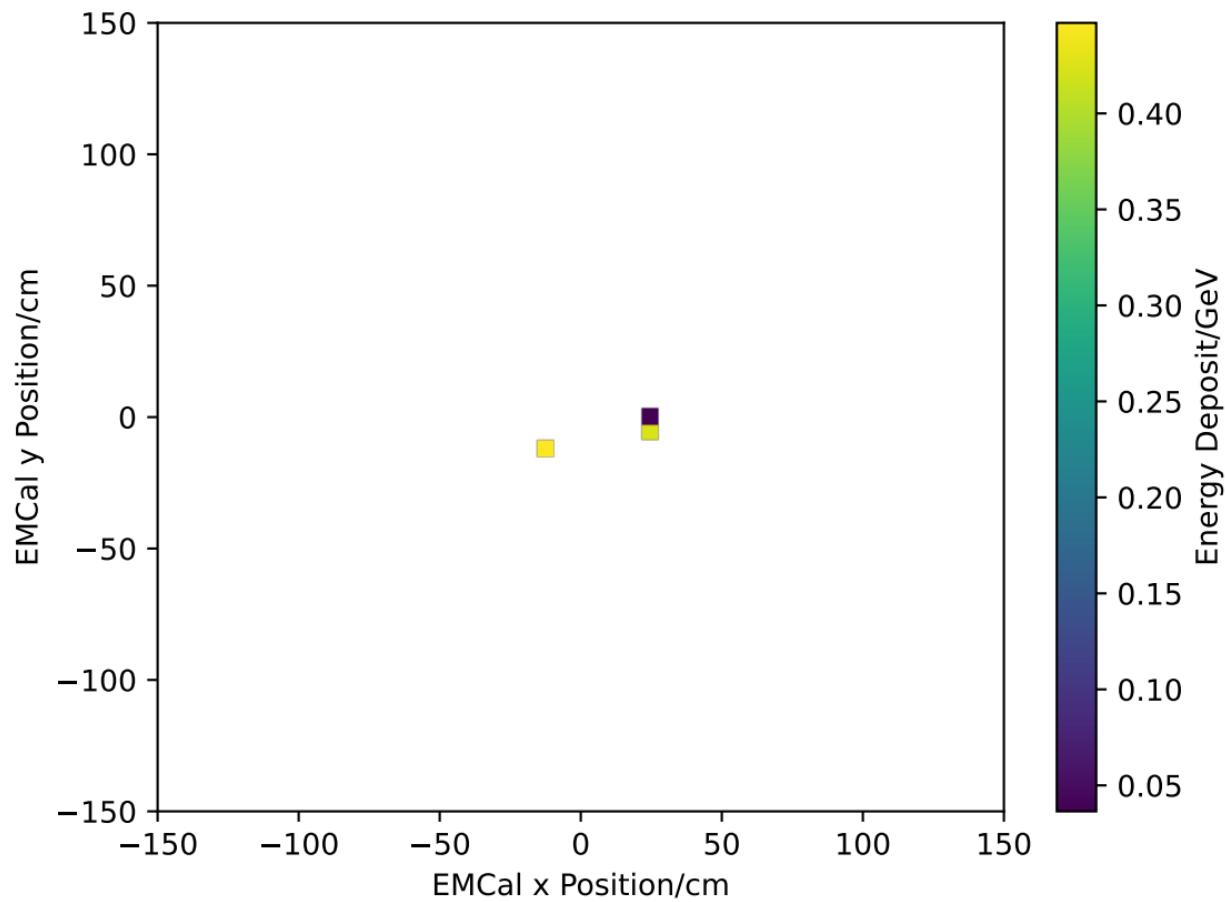
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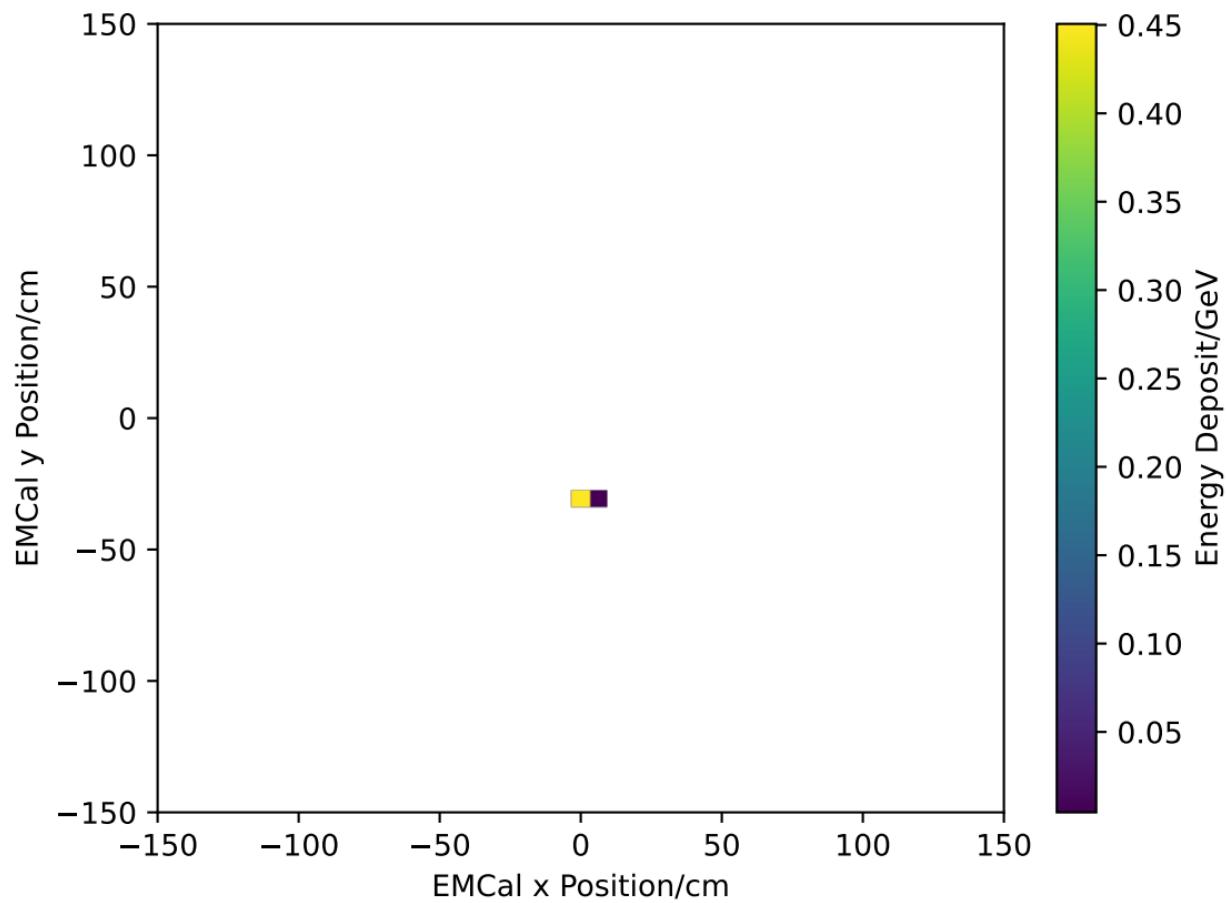
100

150

EMCal x Position/cm







EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

0.40

0.35

0.30

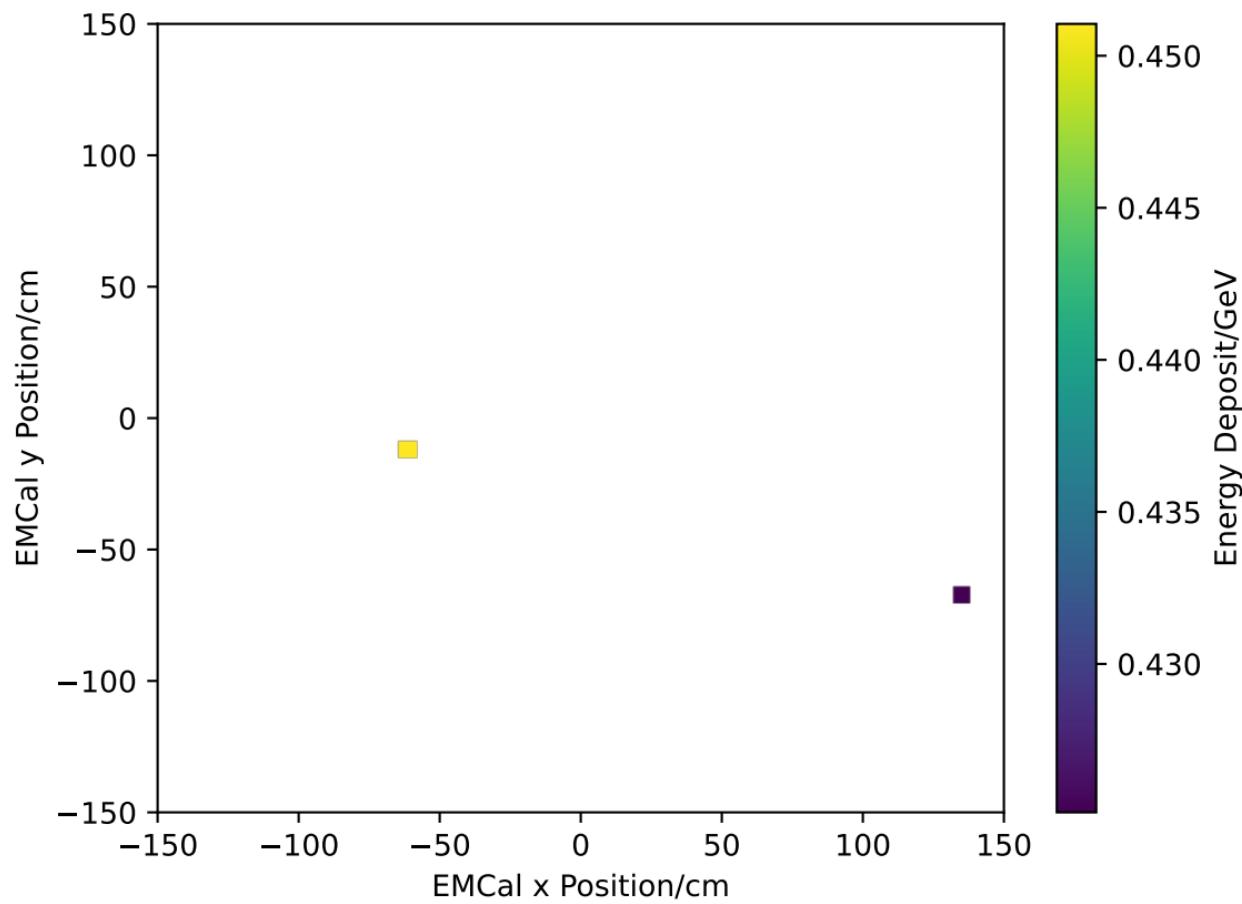
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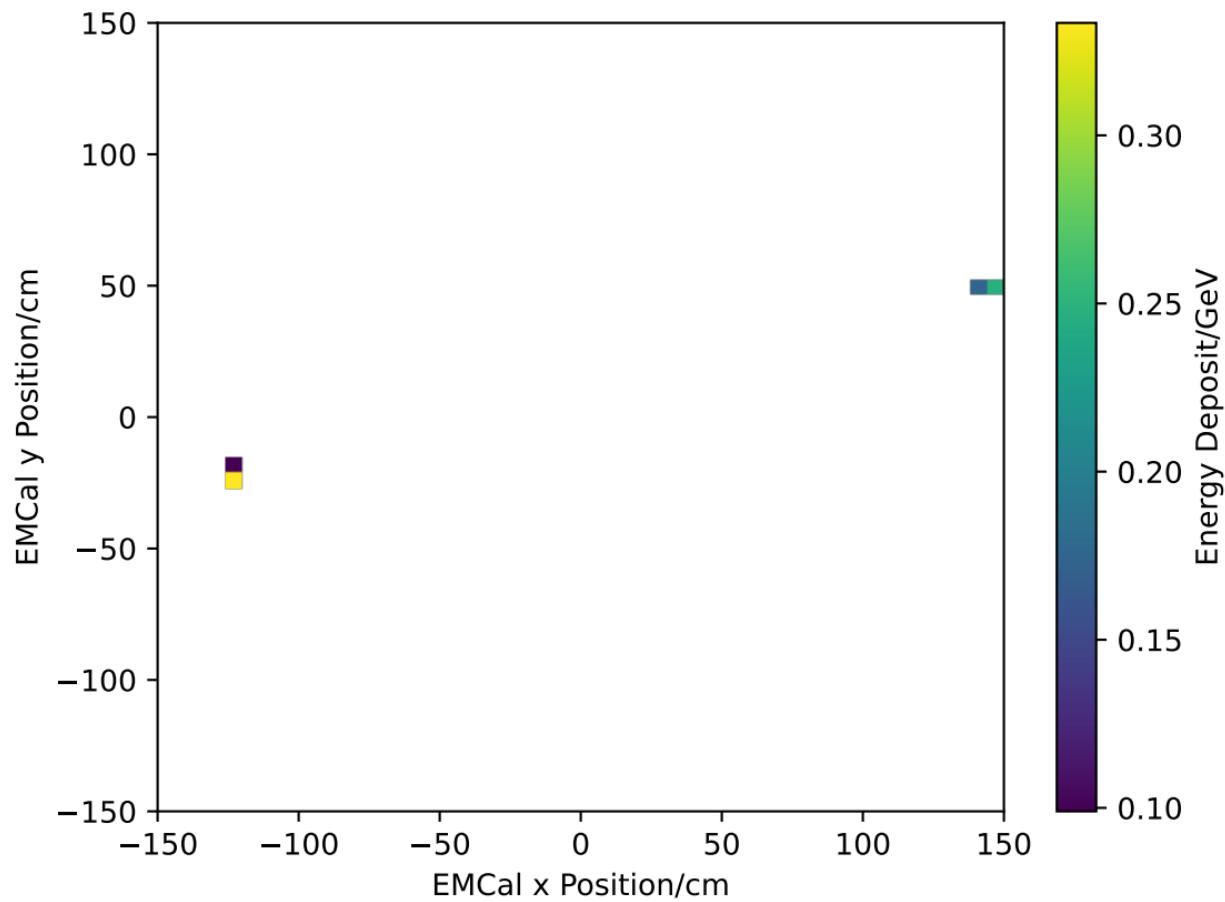
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0.15

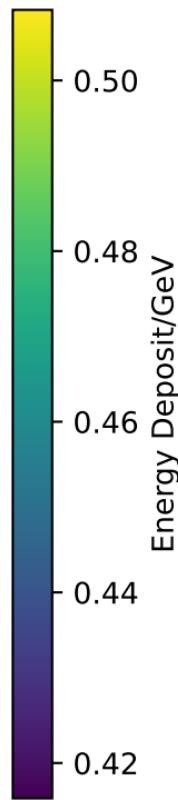
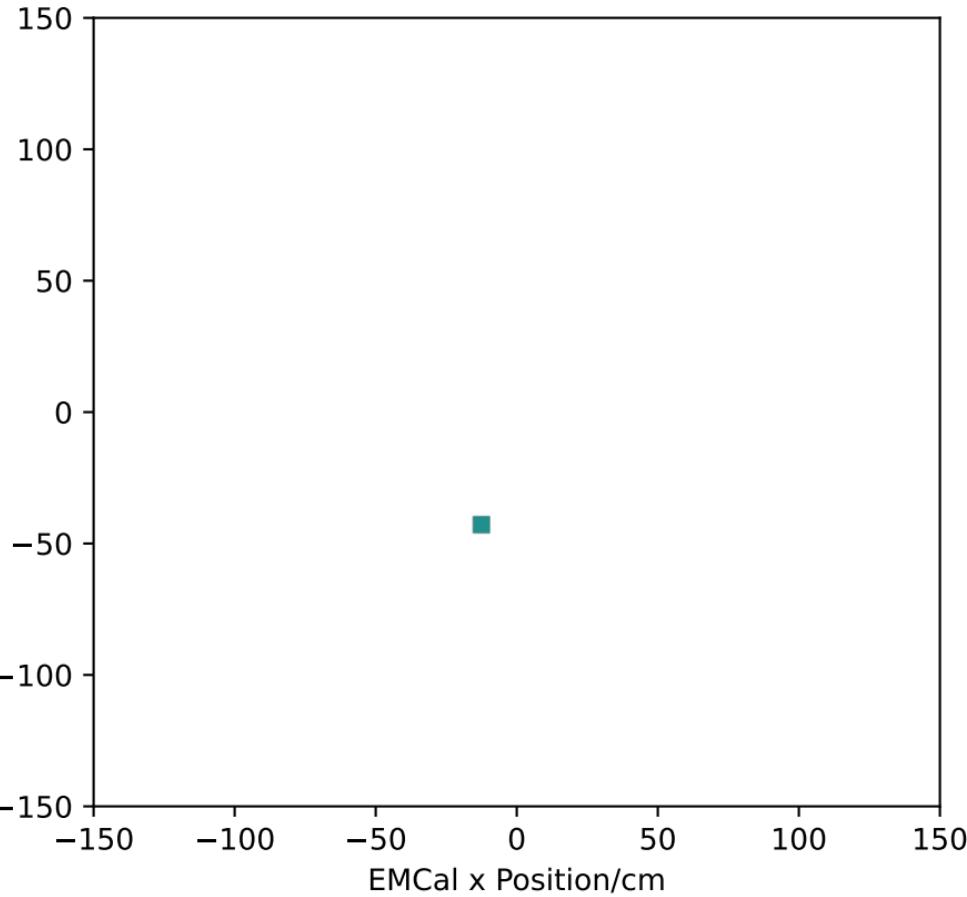
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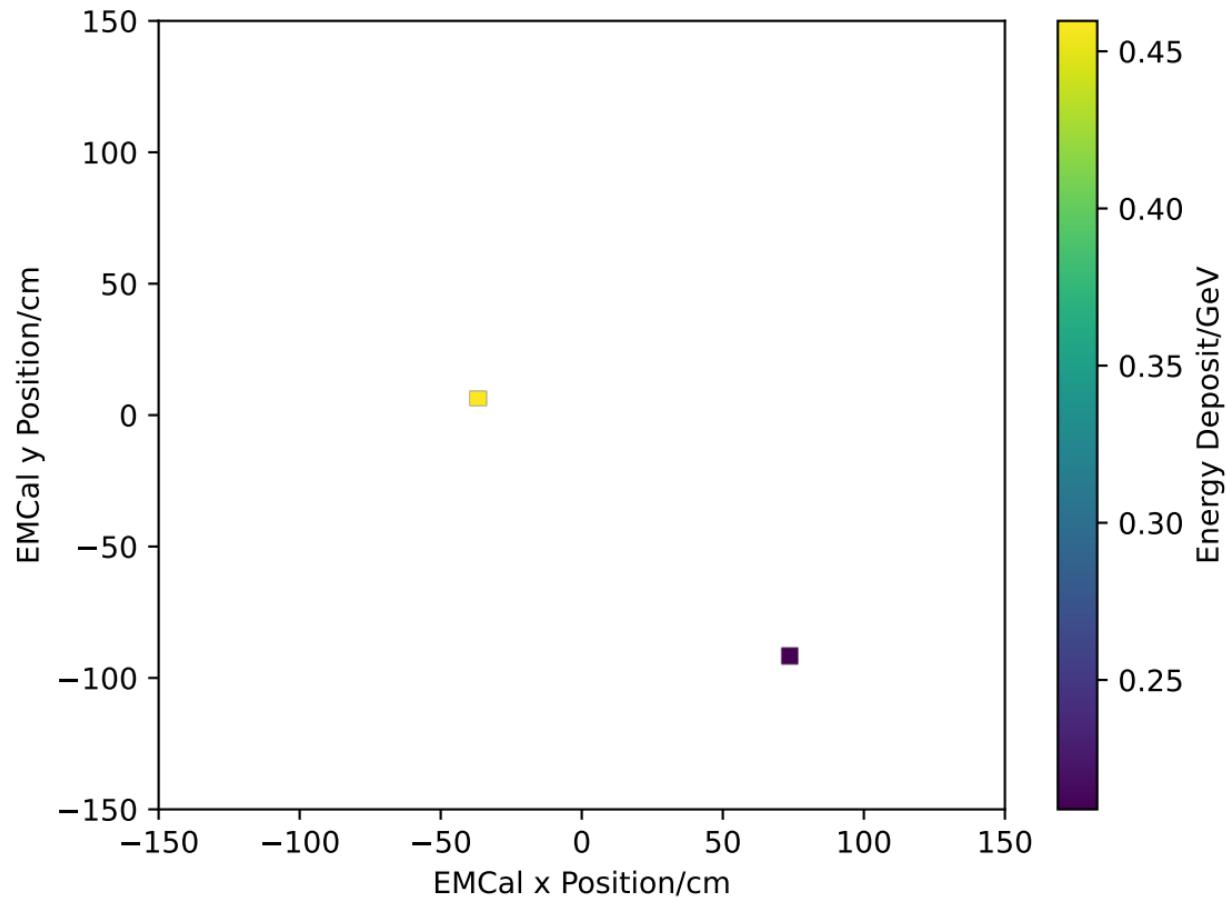
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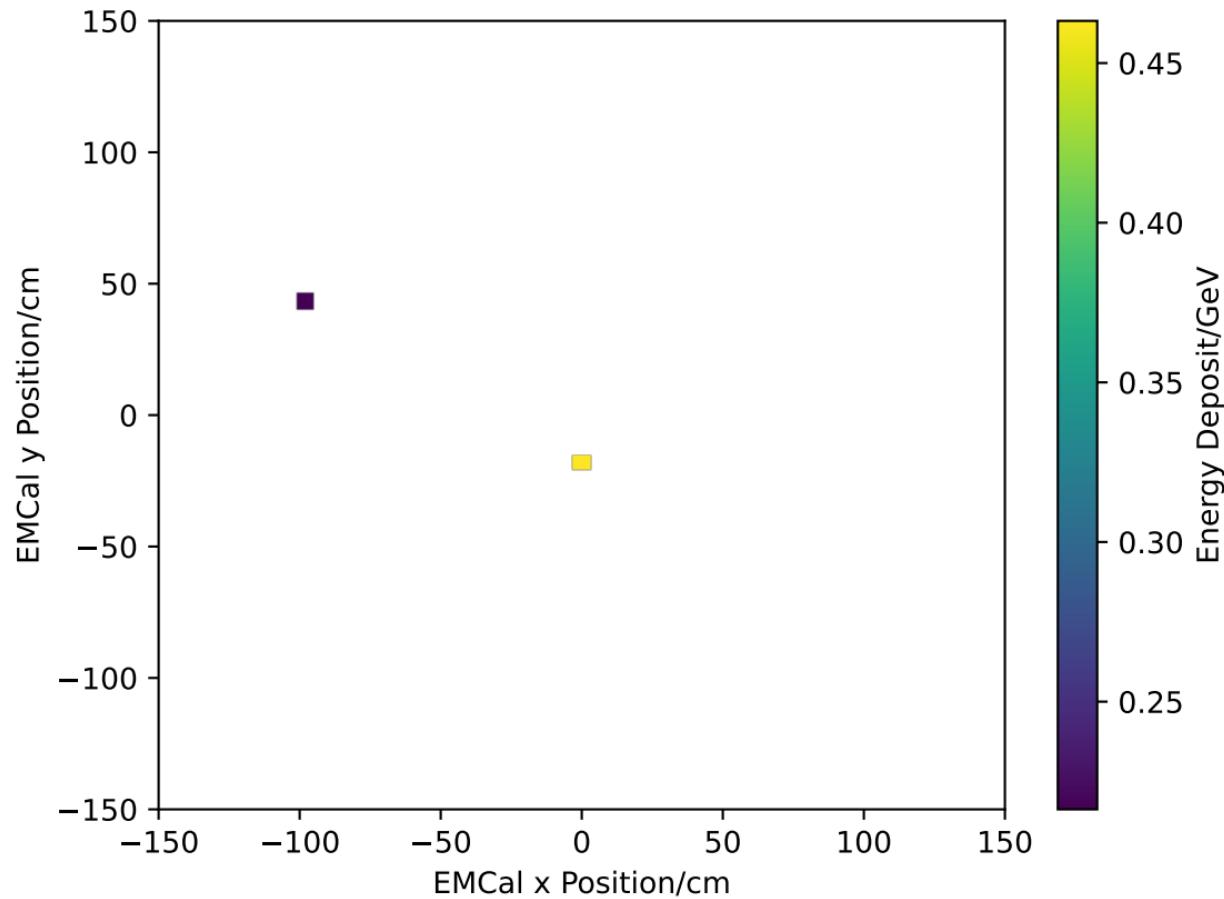


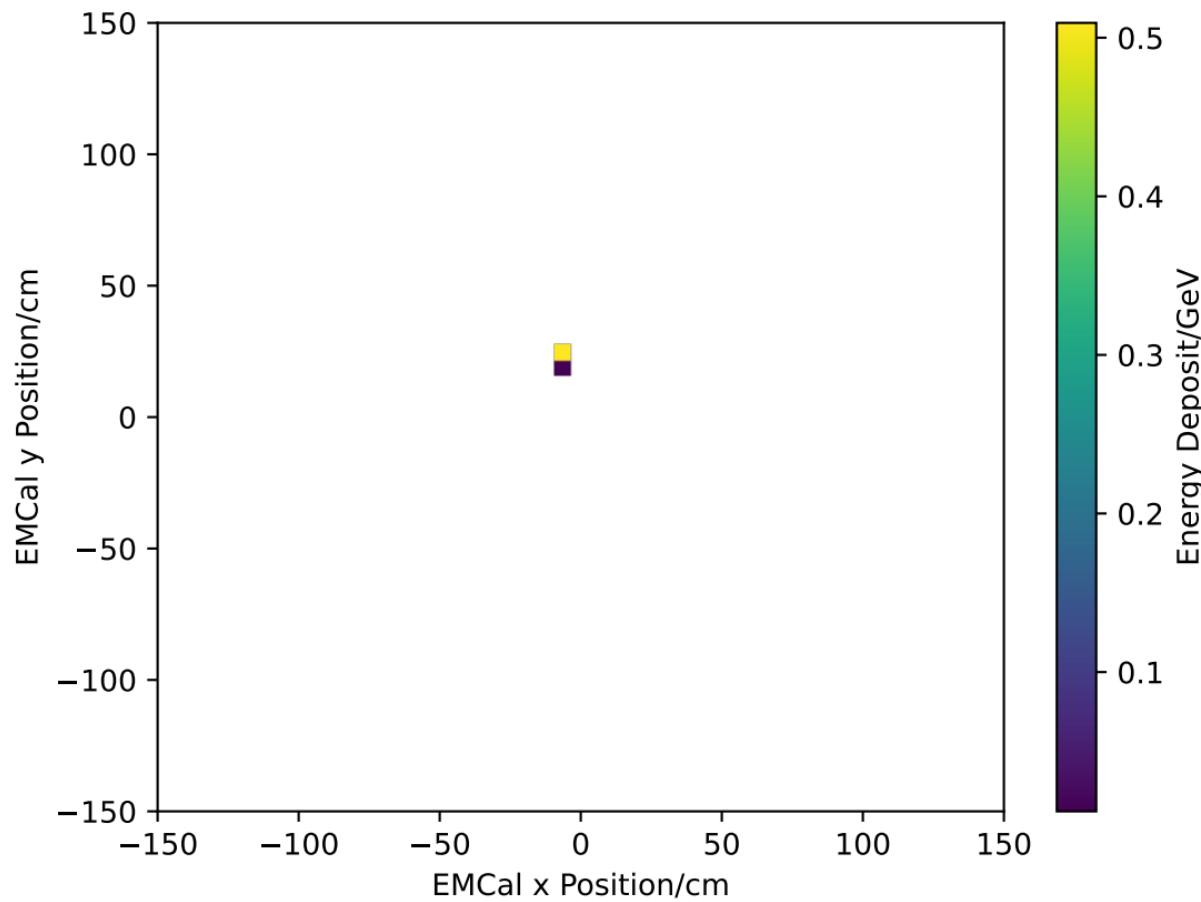


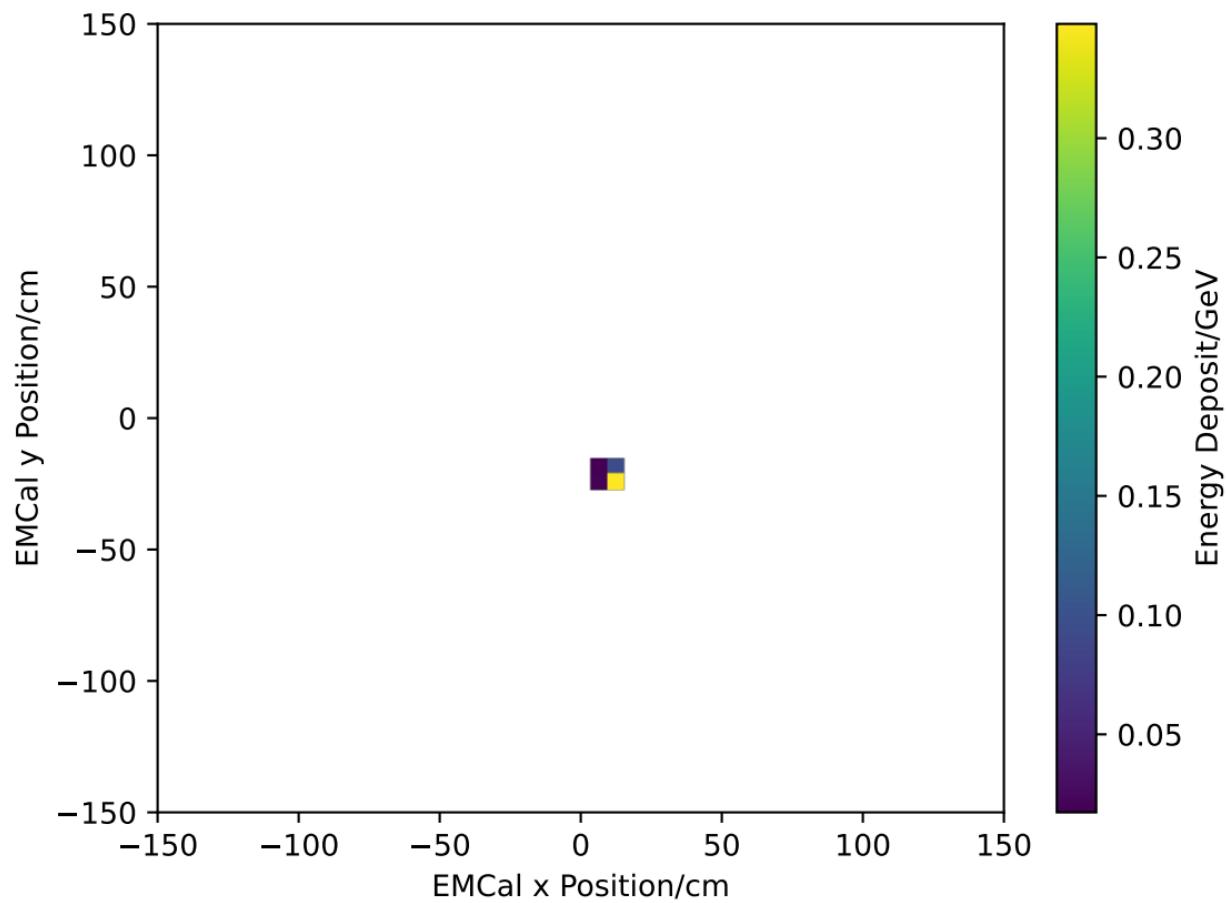
EMCal y Position/cm

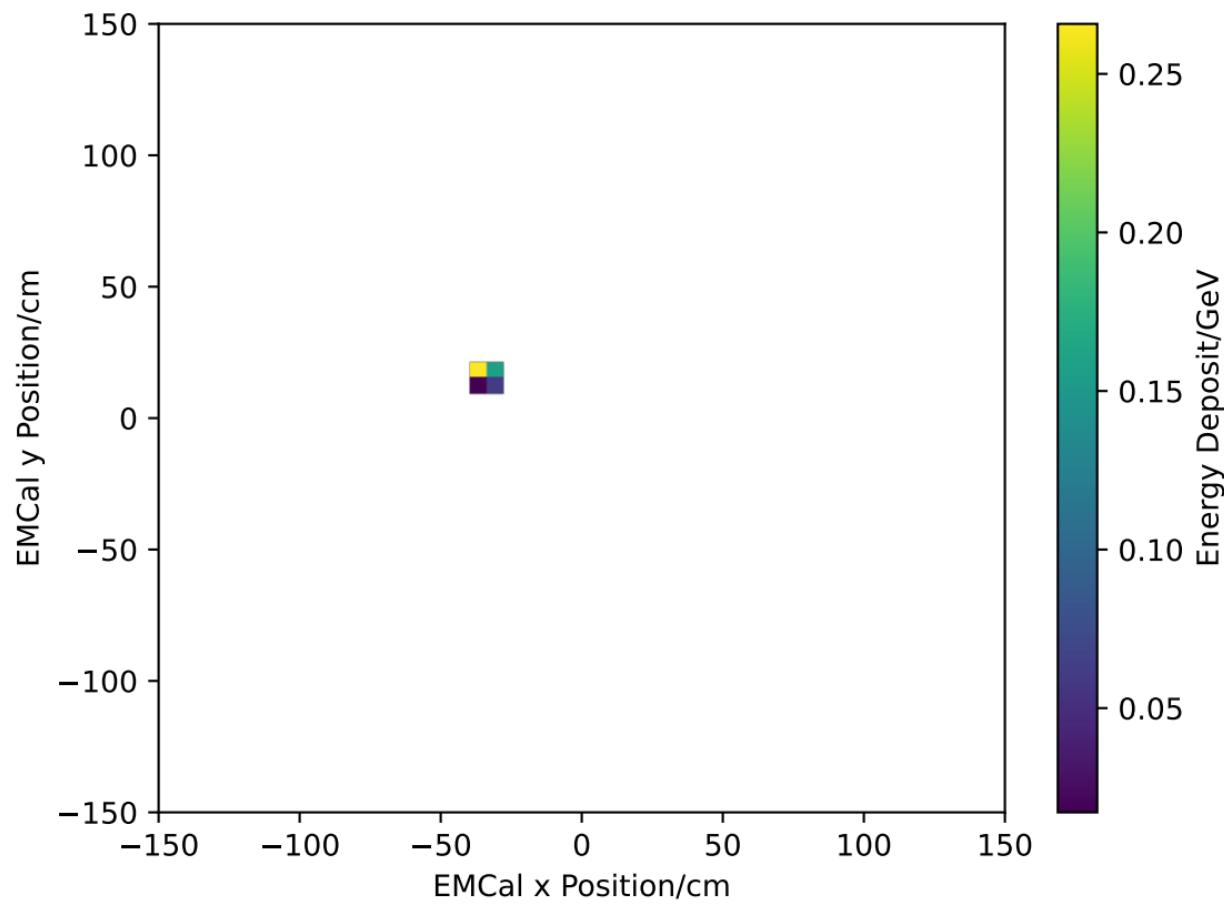


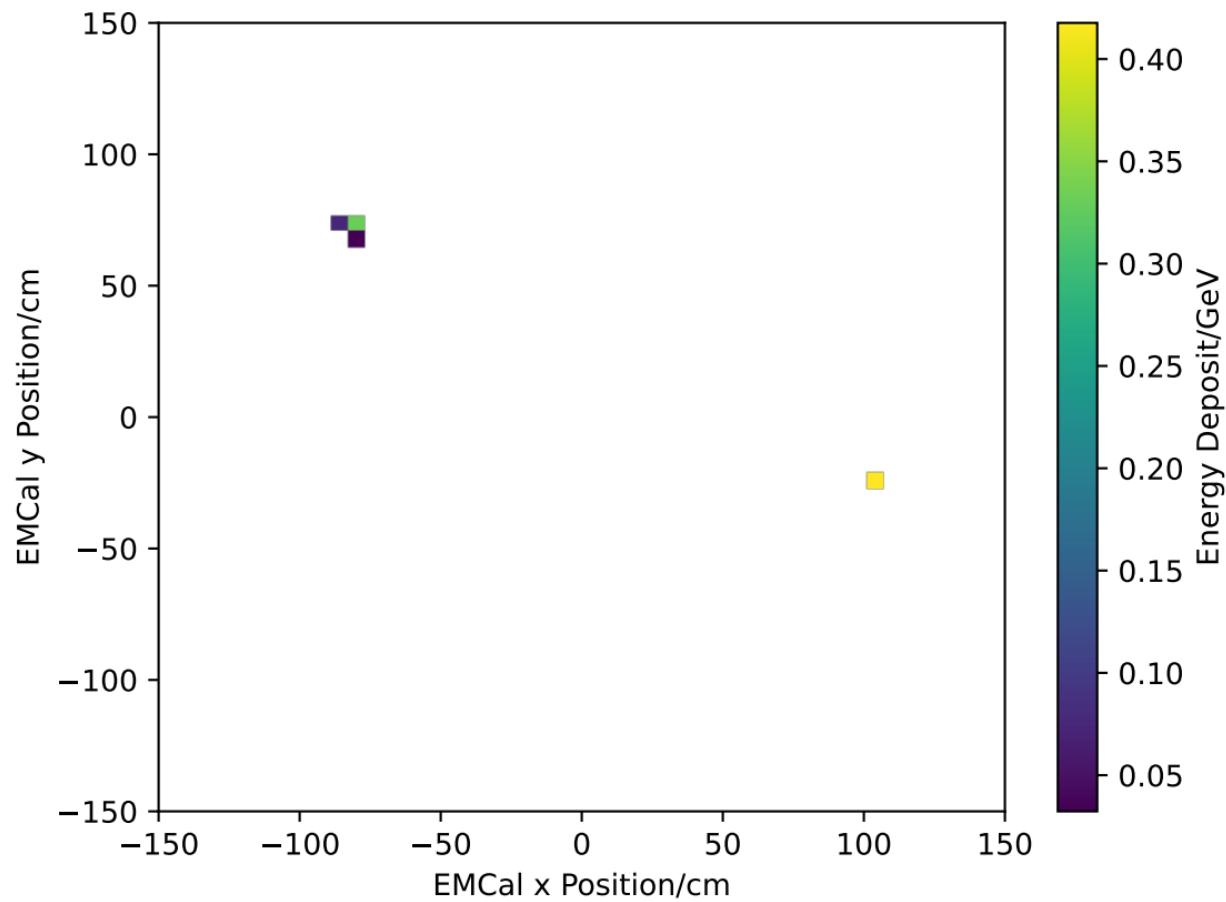


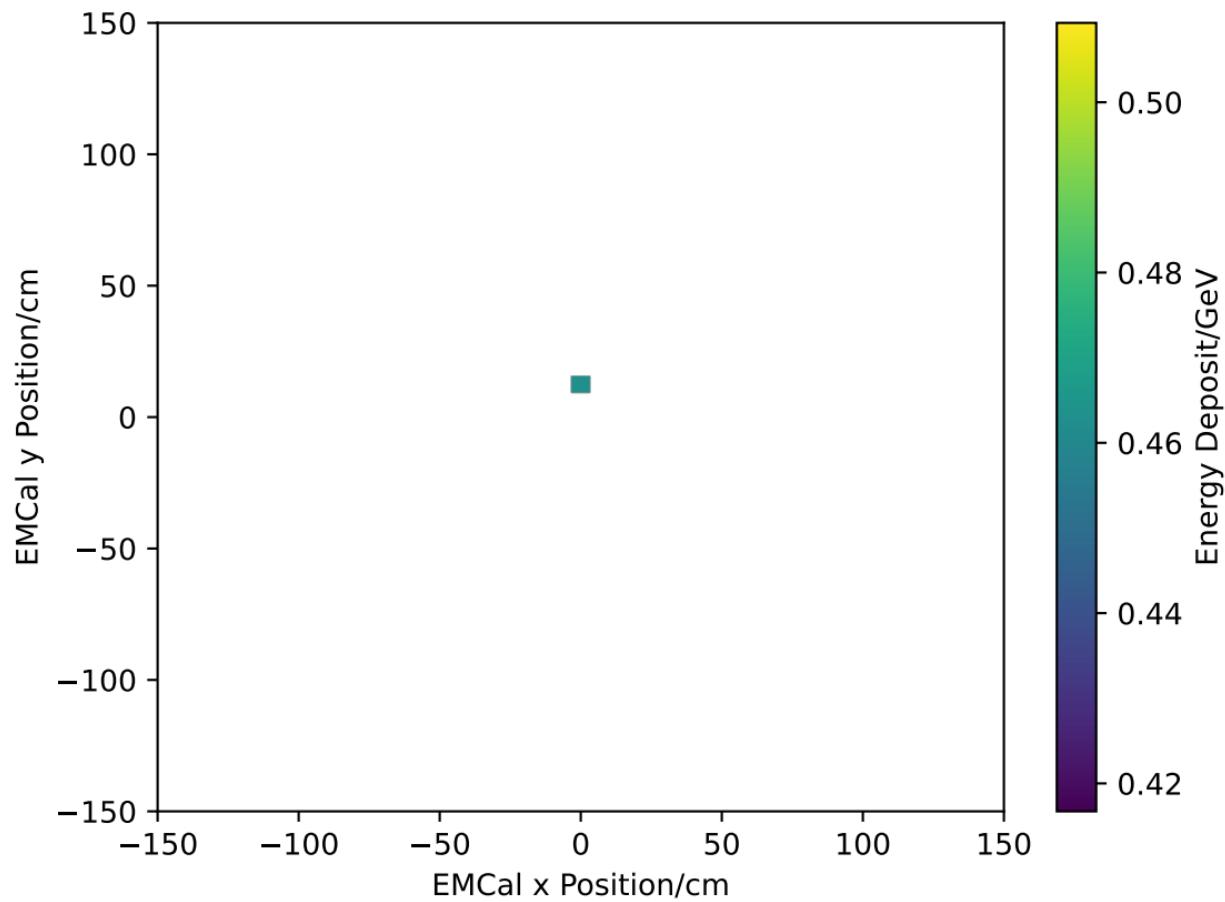


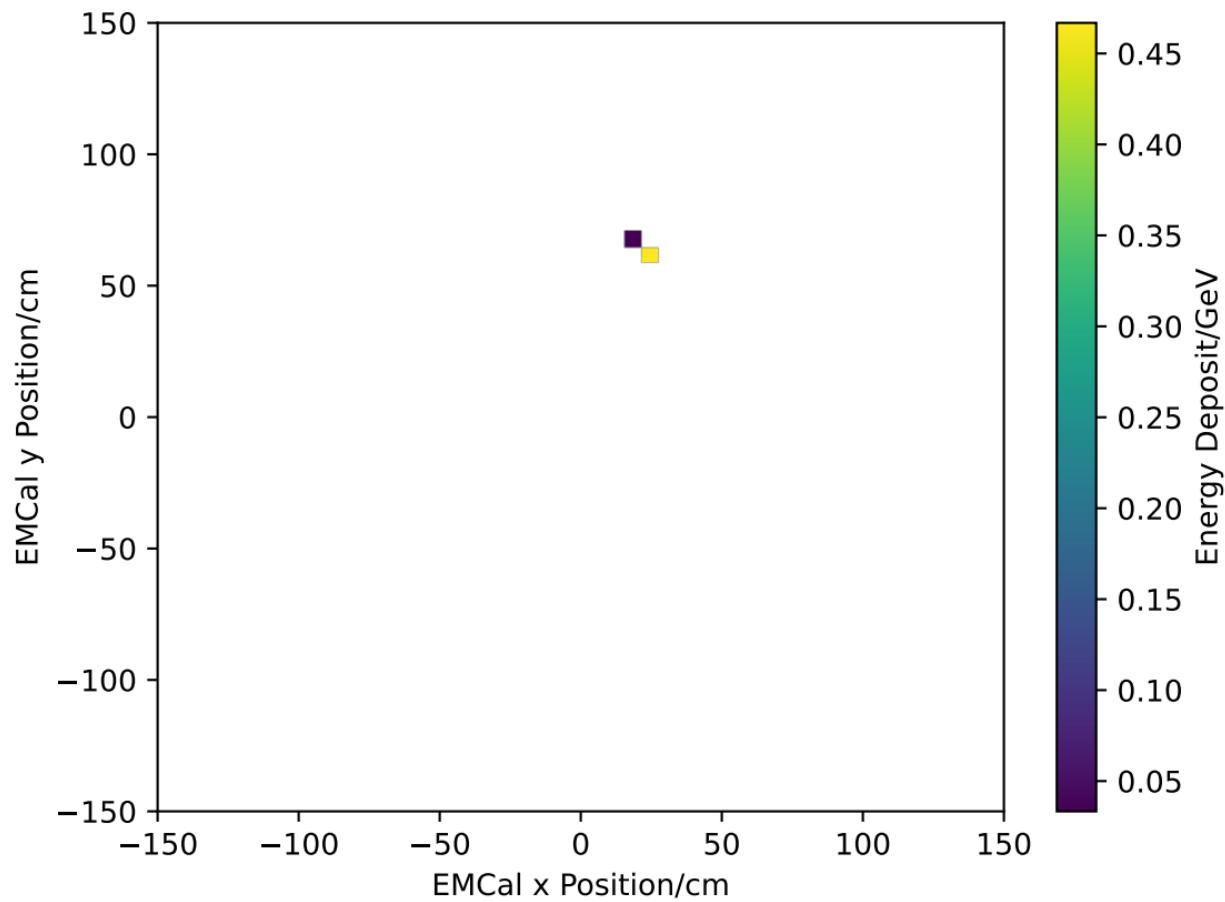


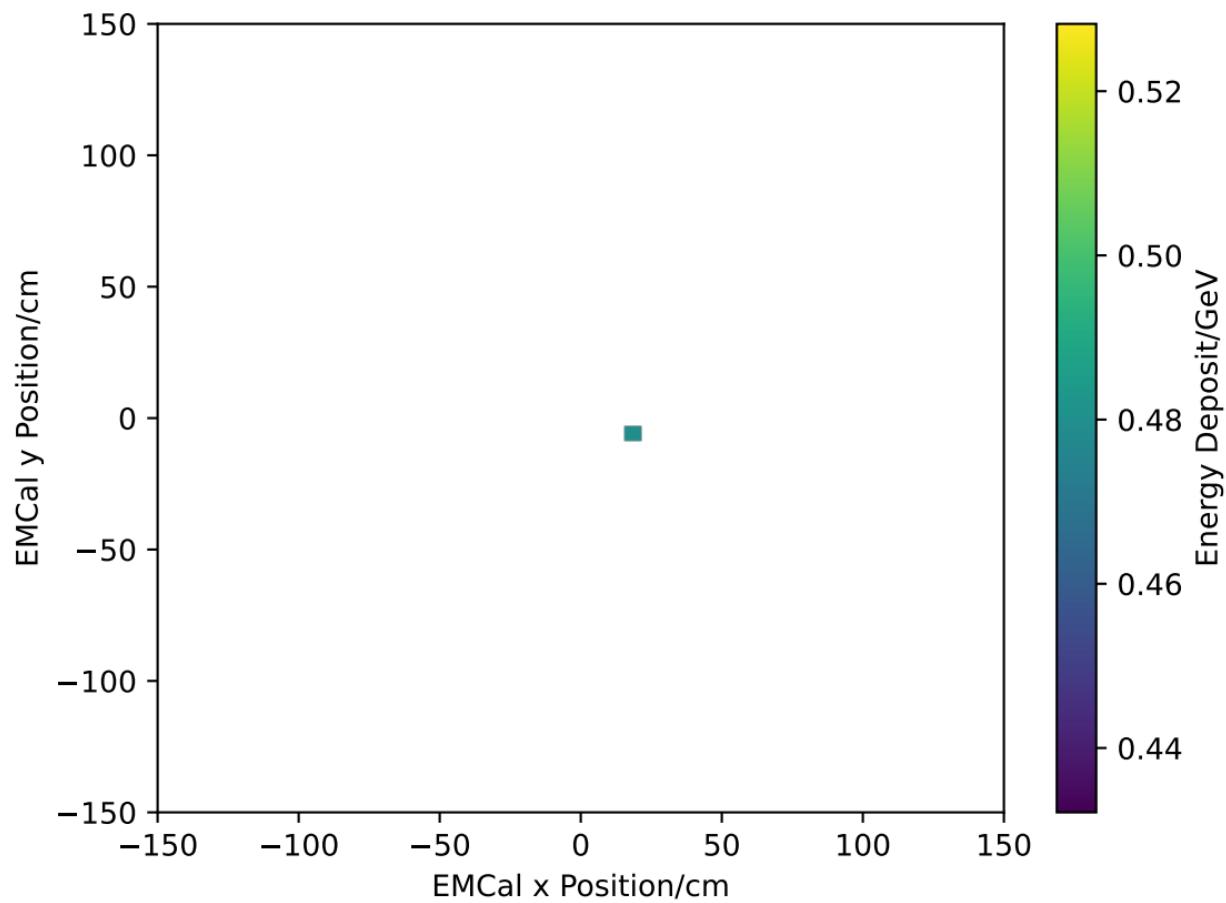


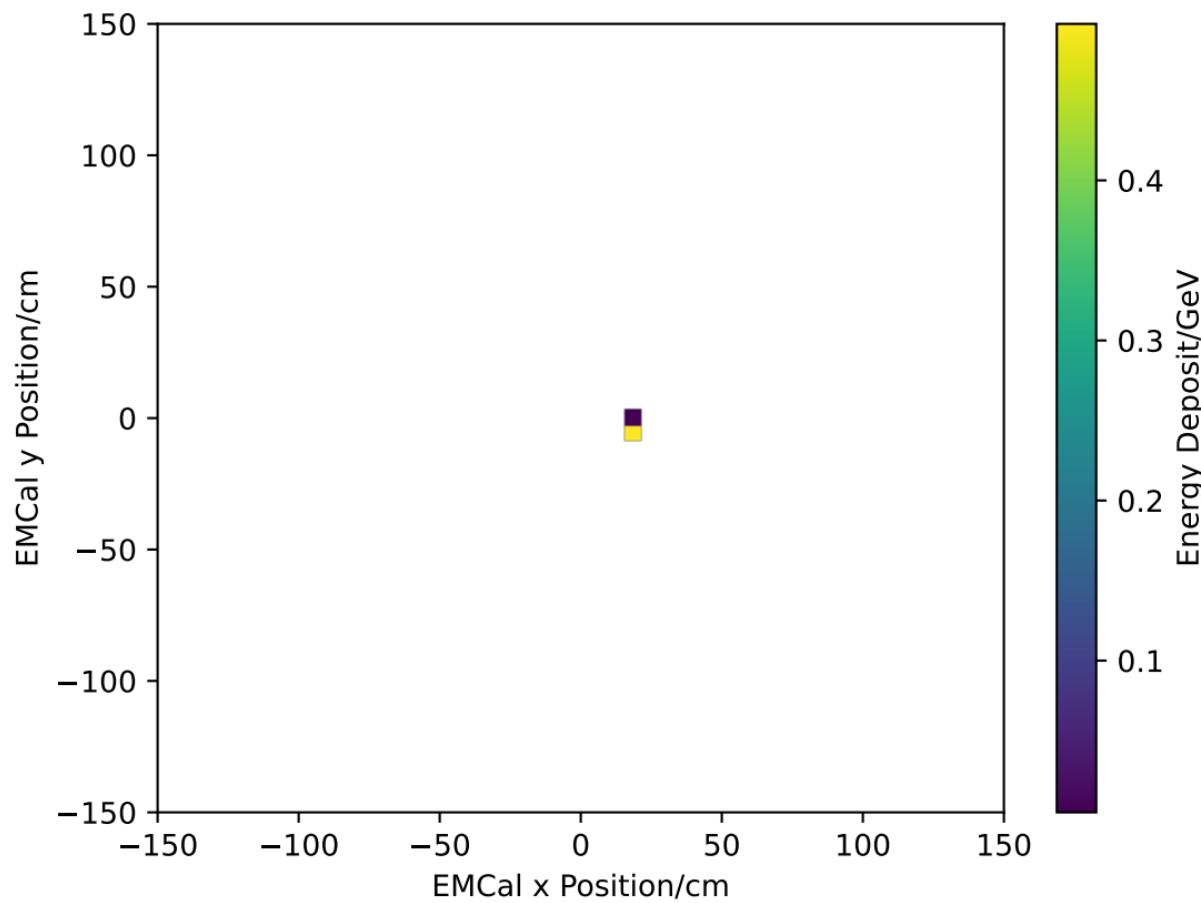




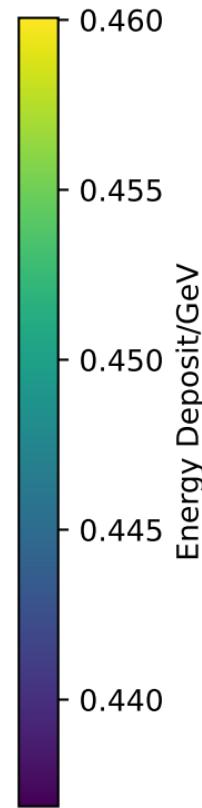
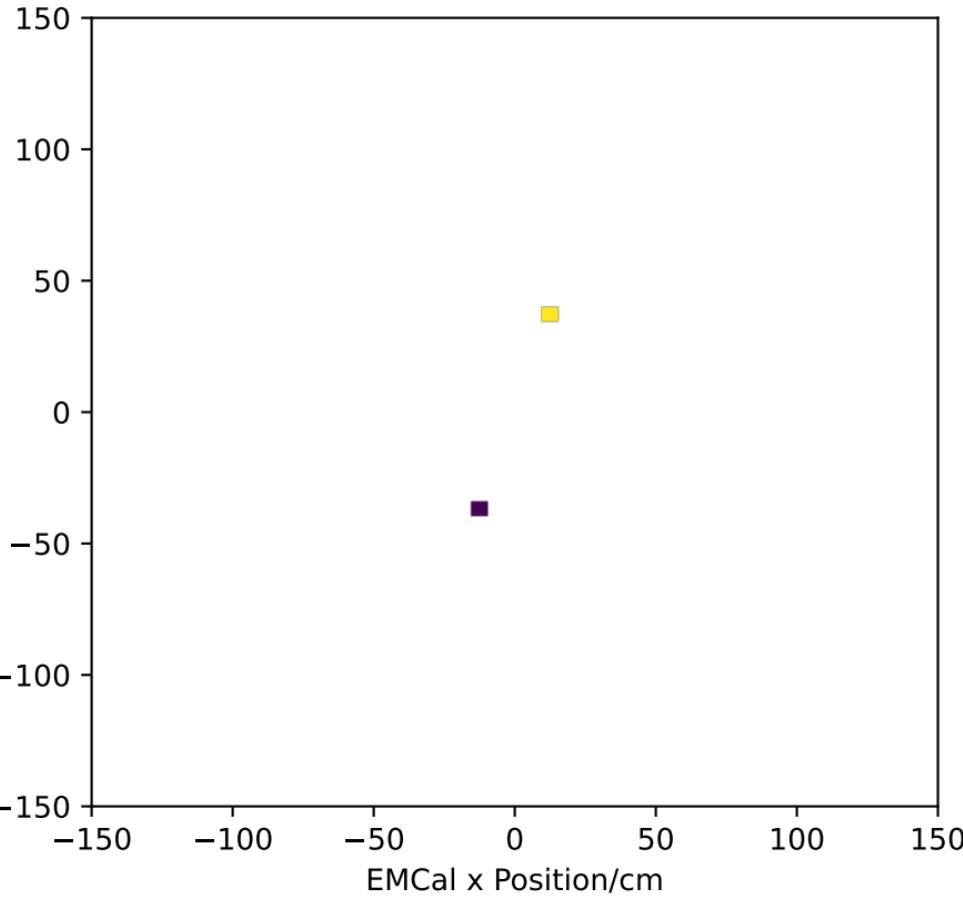


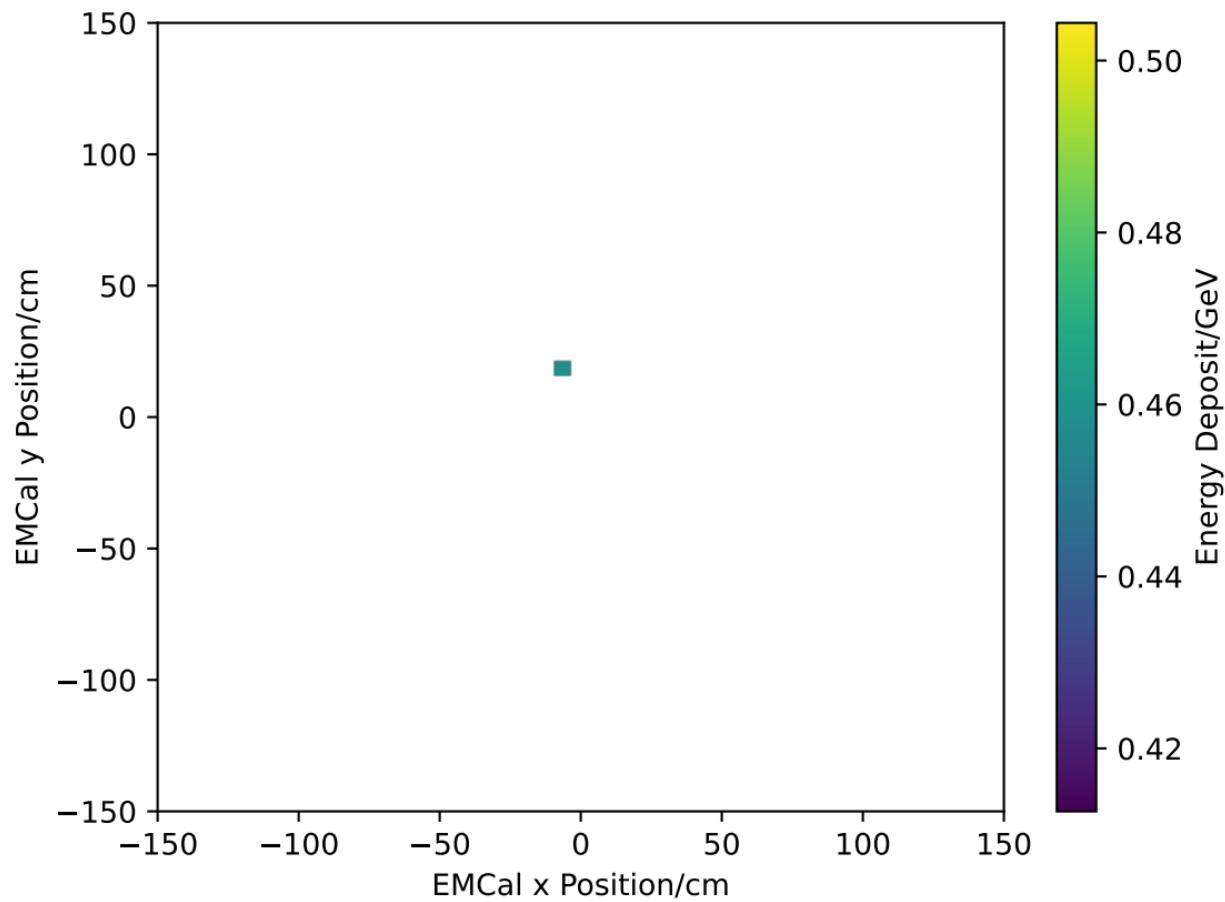




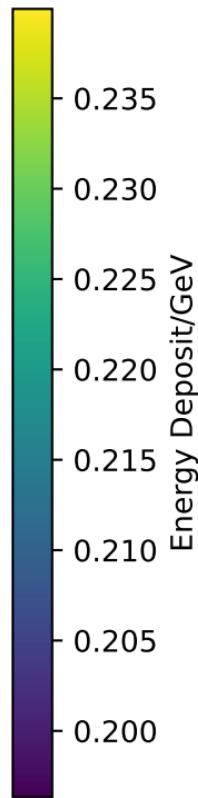
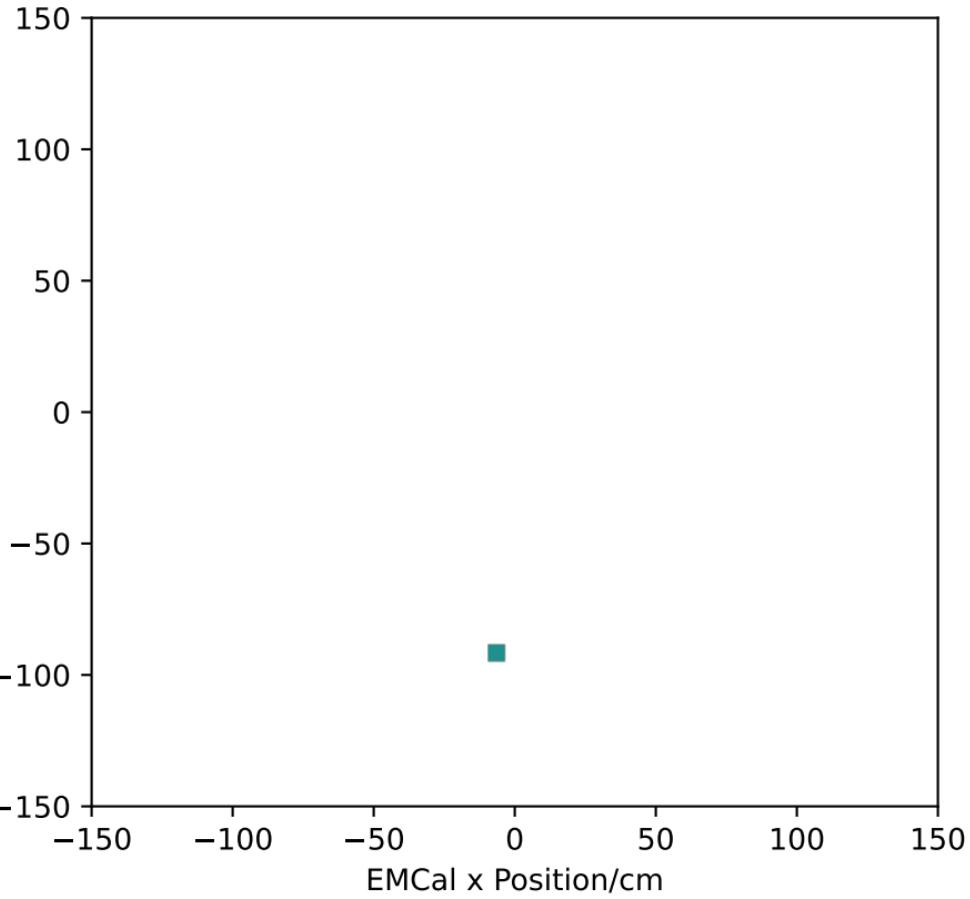


EMCal y Position/cm

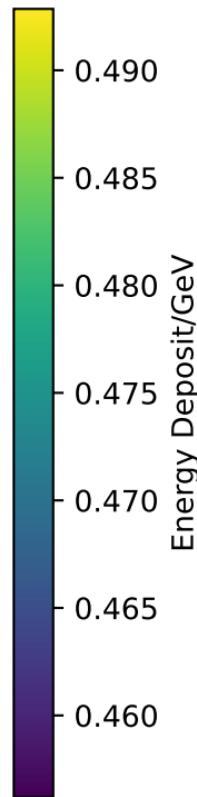
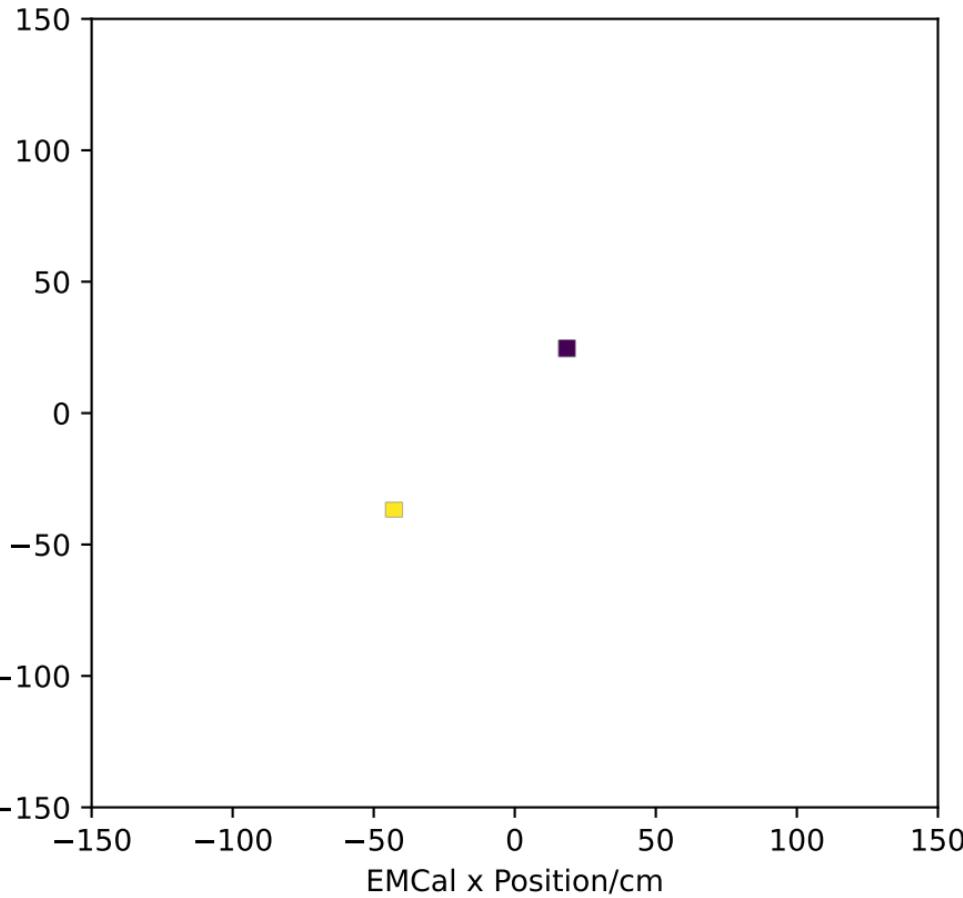


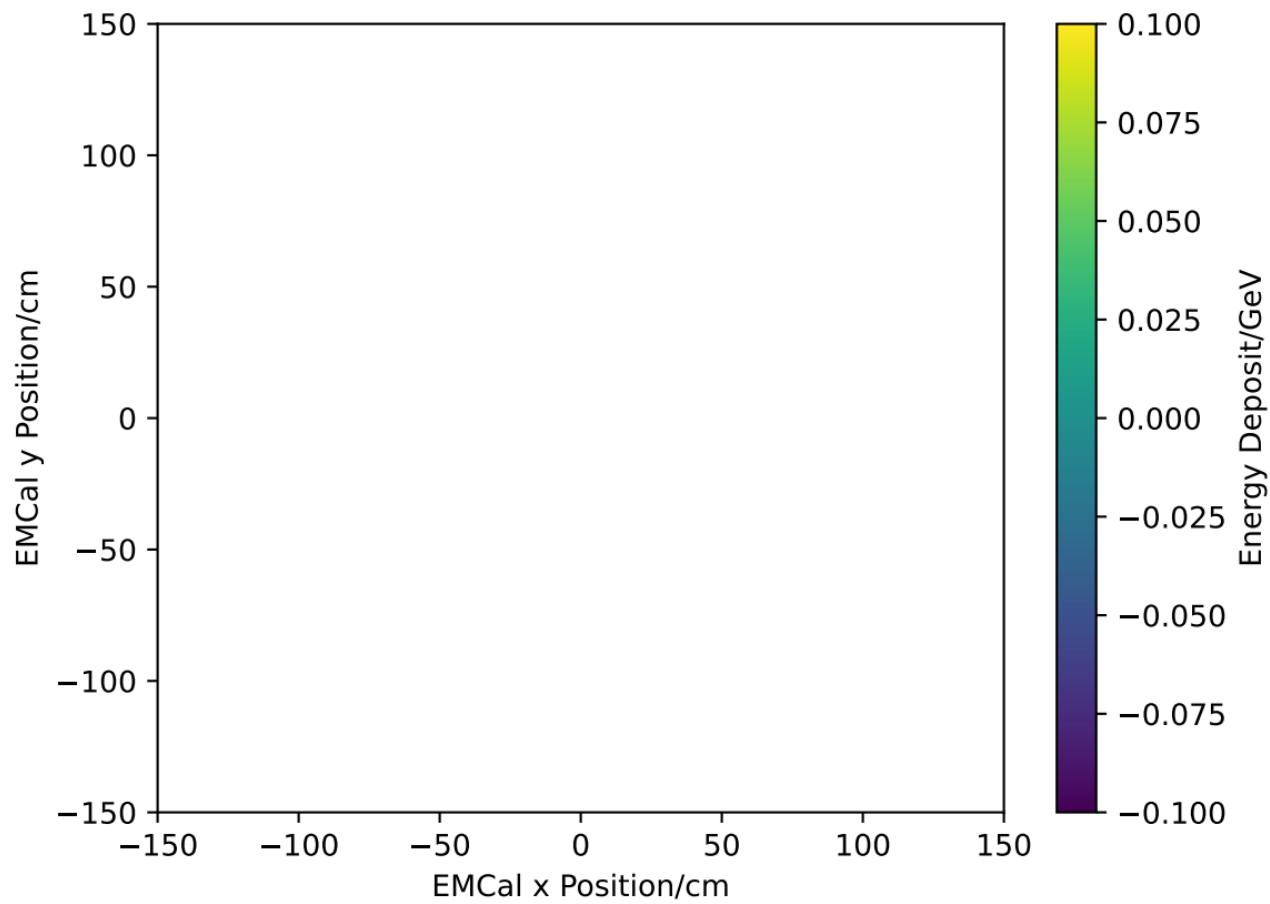


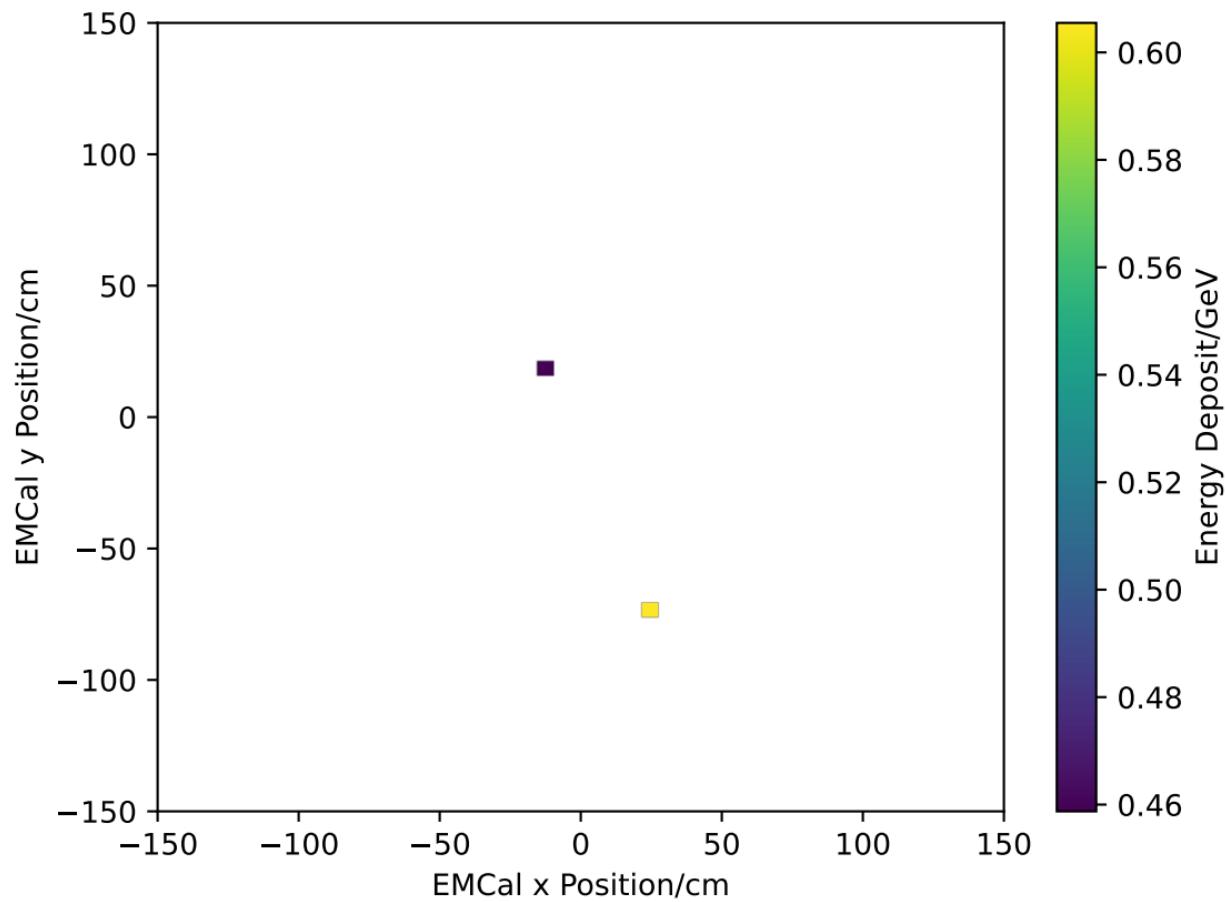
EMCal y Position/cm

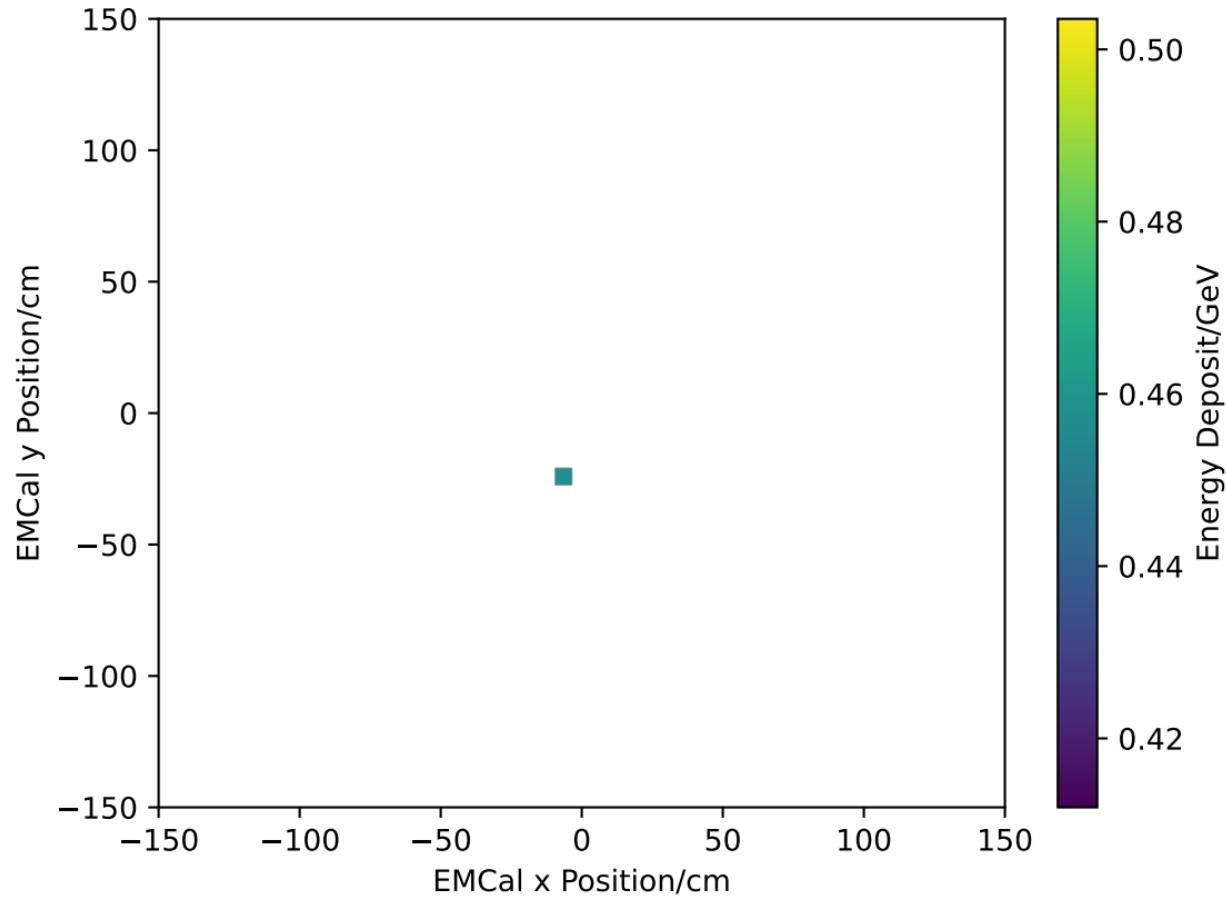


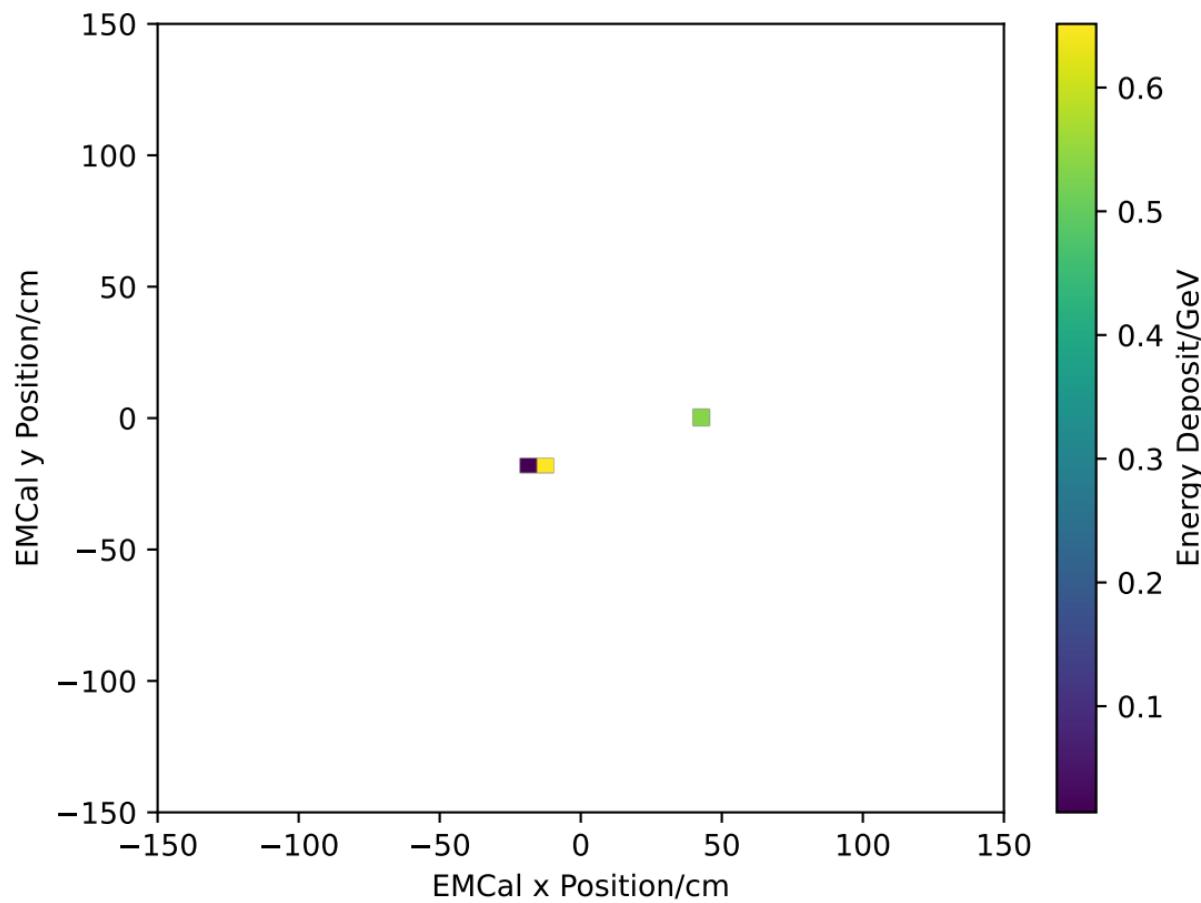
EMCal y Position/cm

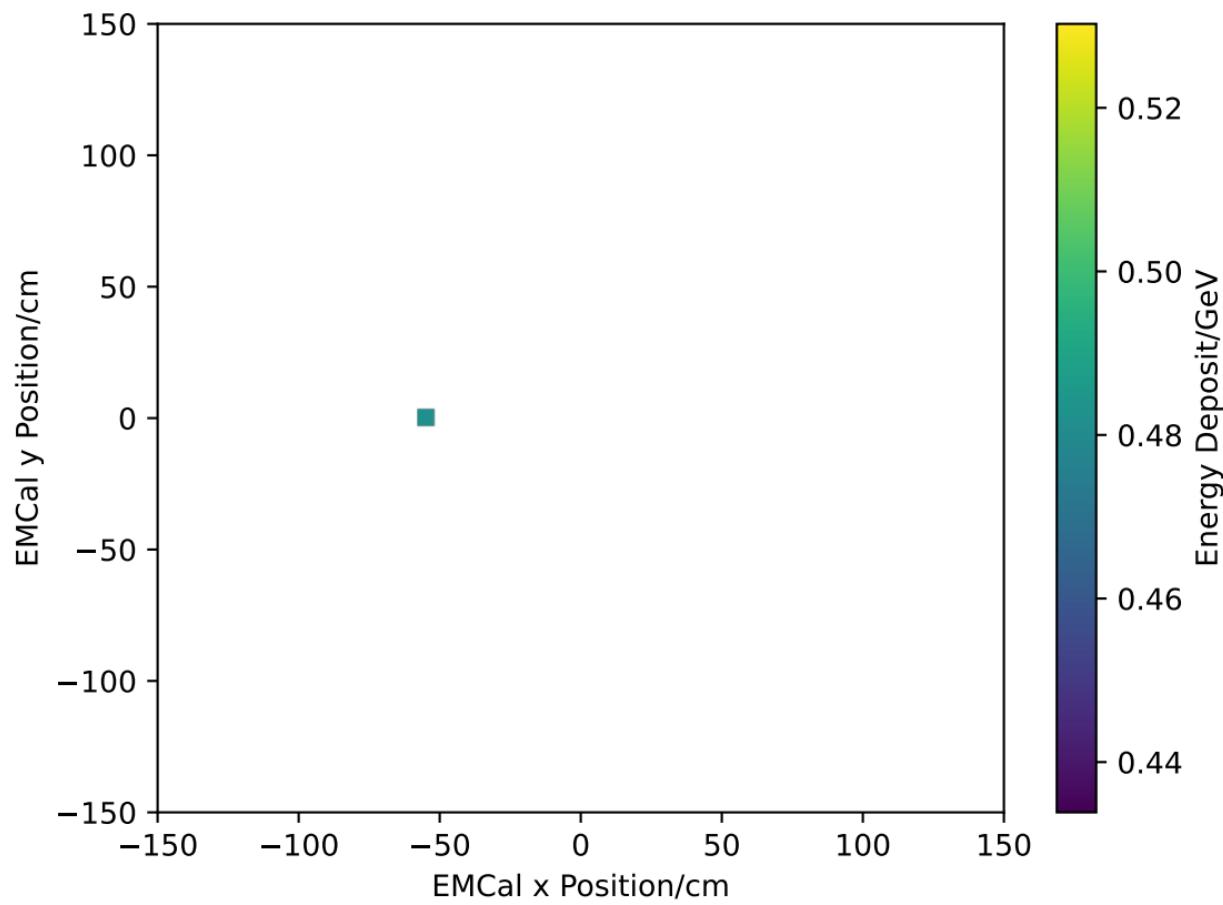


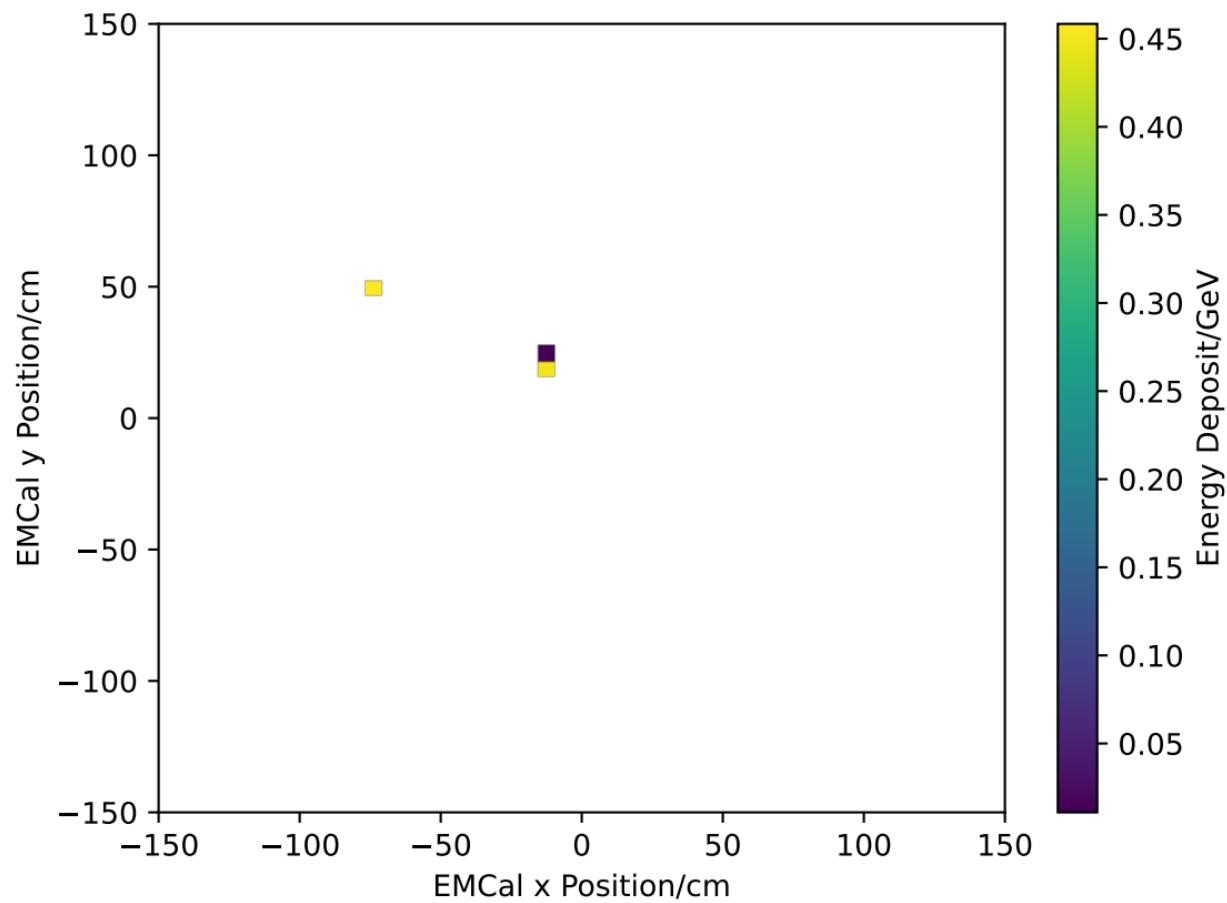


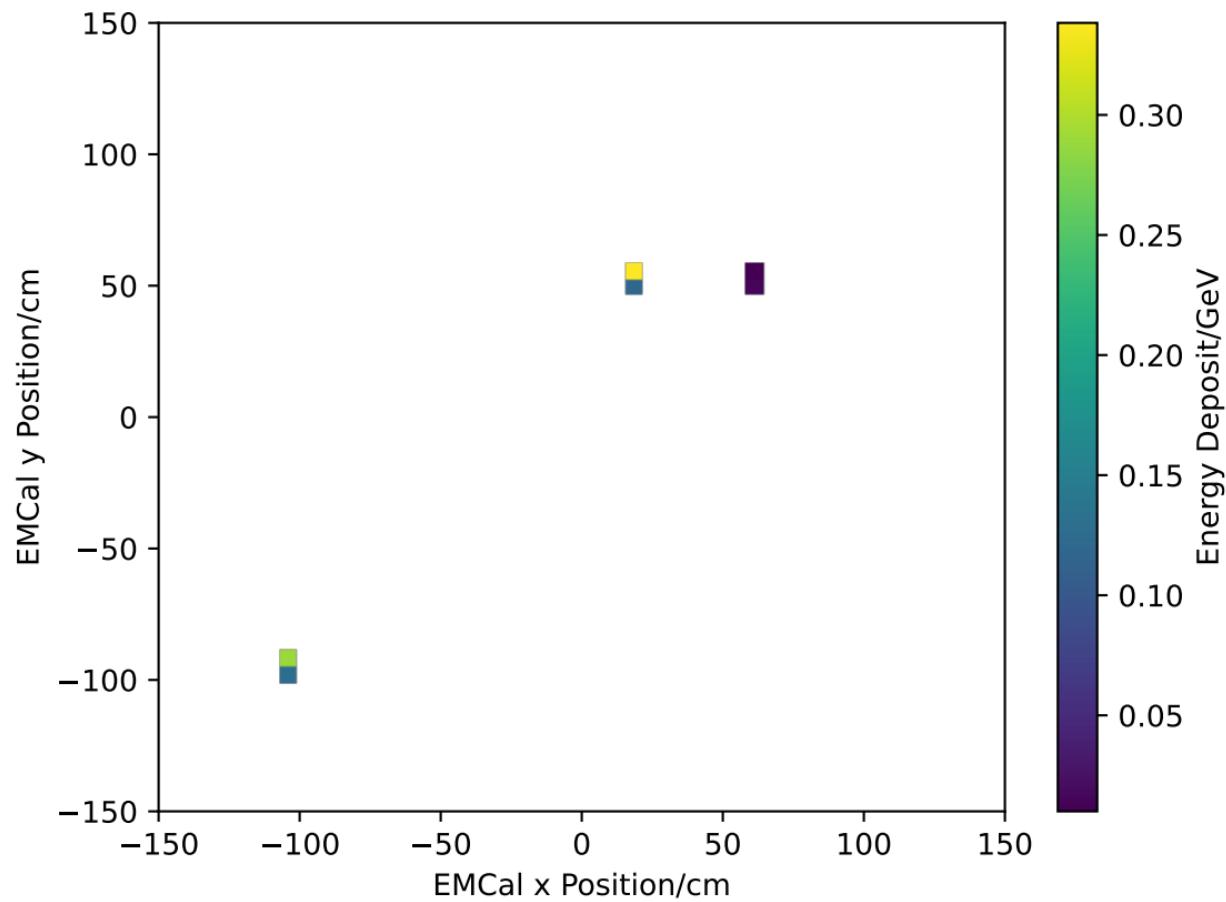












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm

Energy Deposit/GeV

0.50

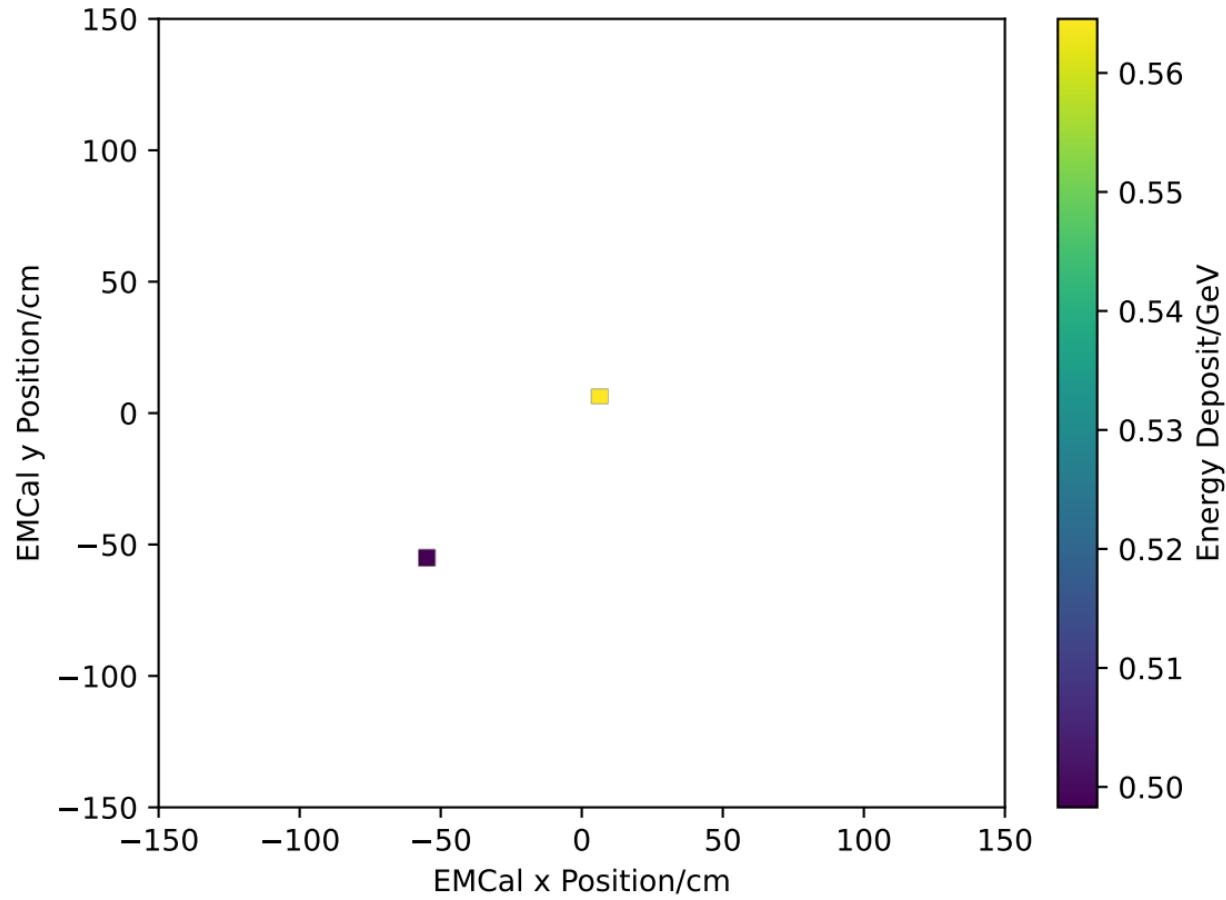
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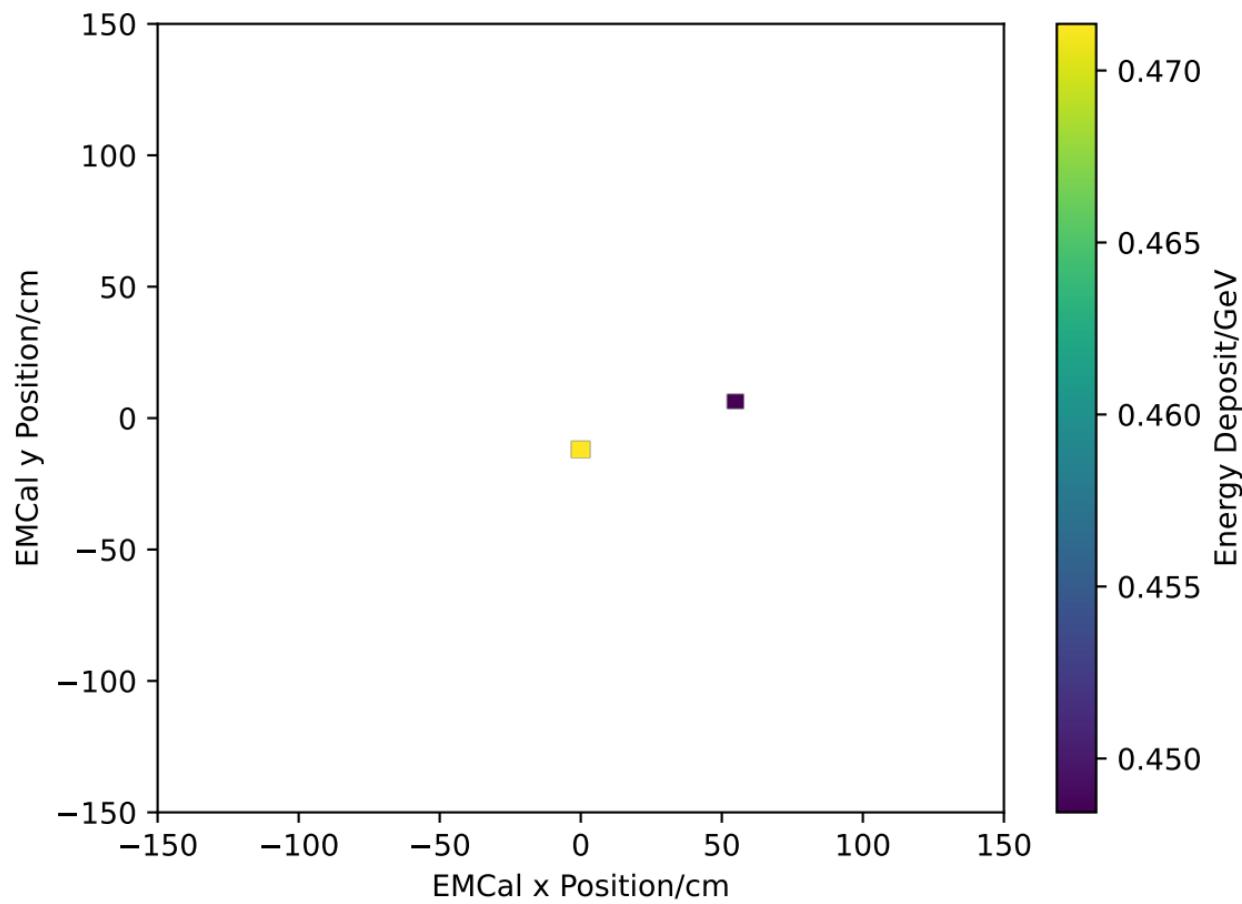
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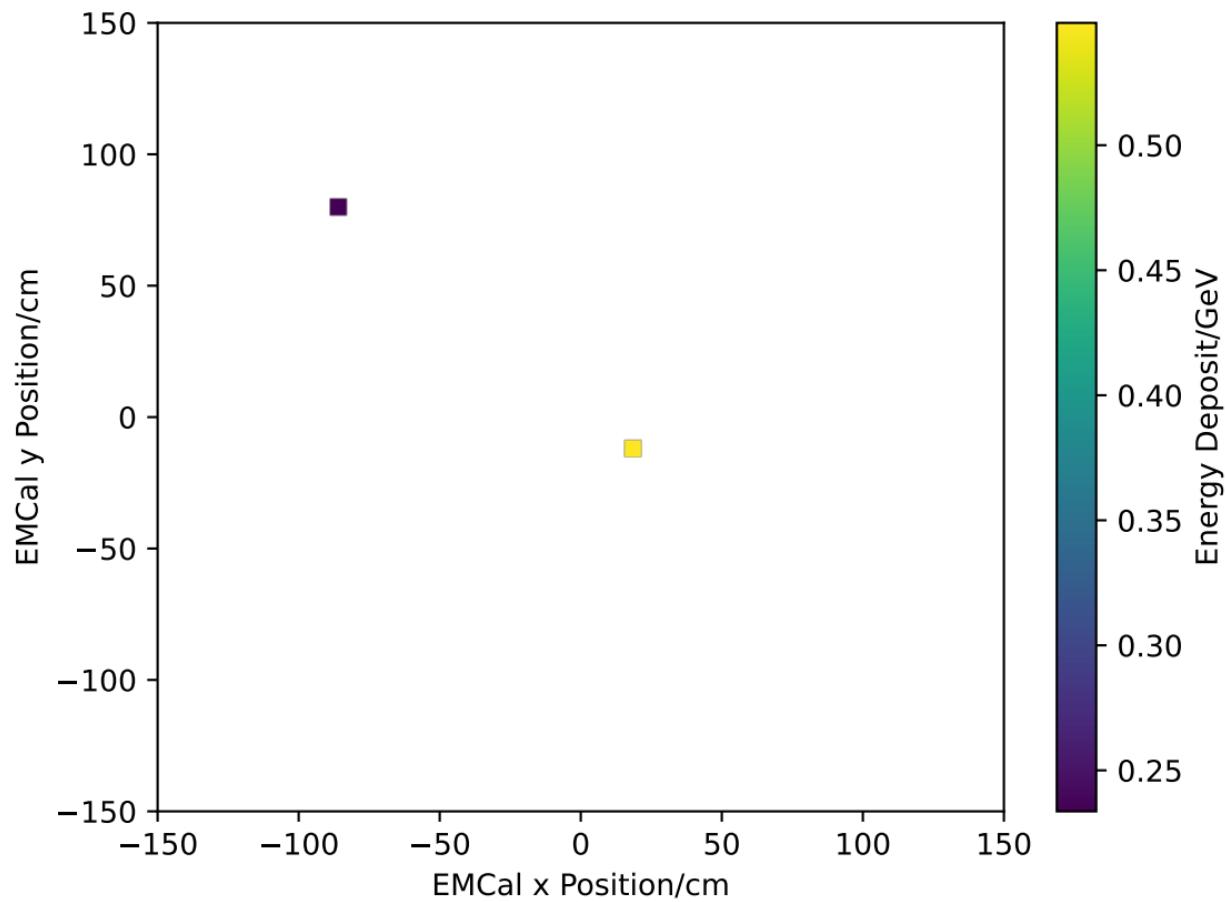
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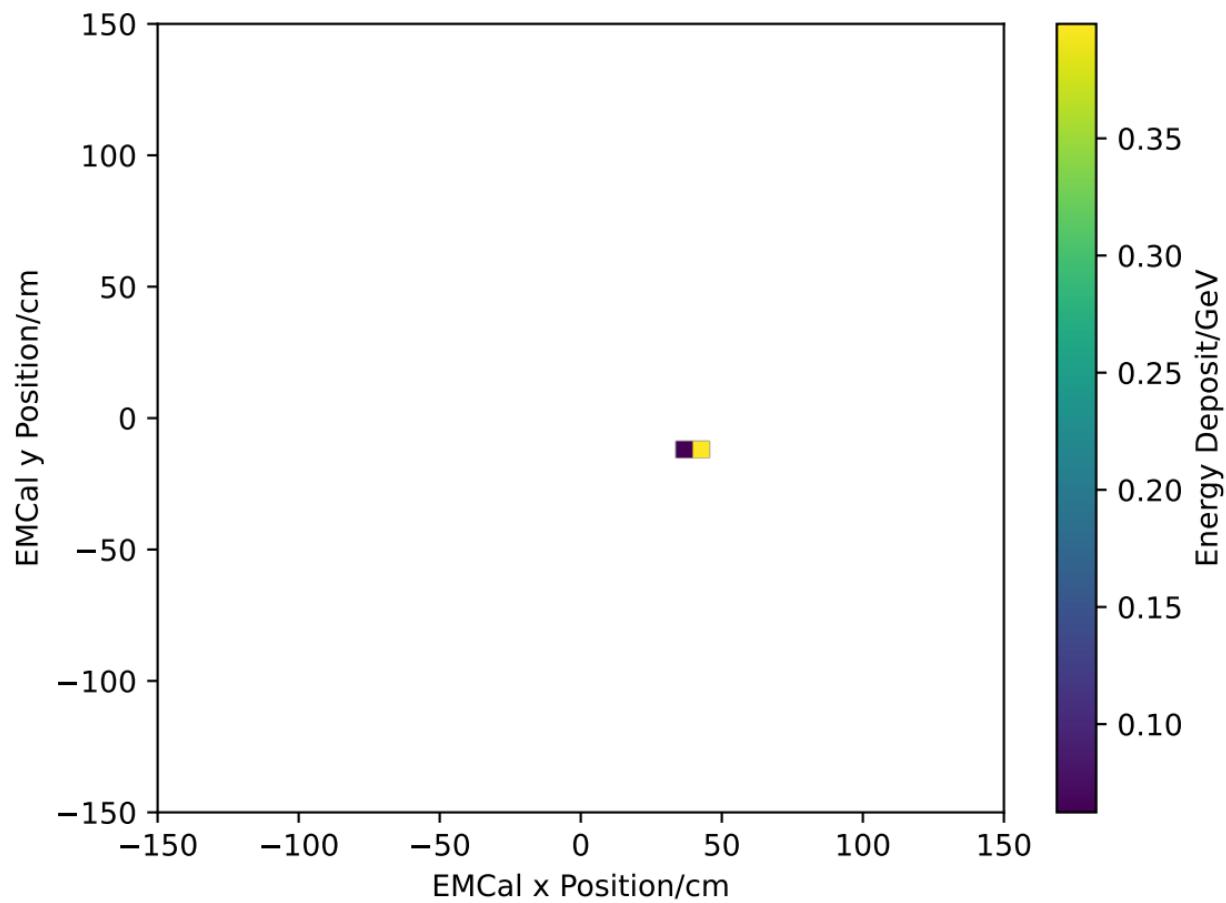
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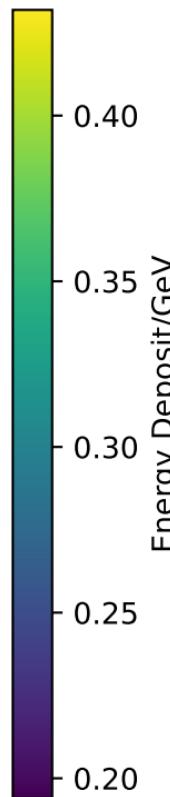
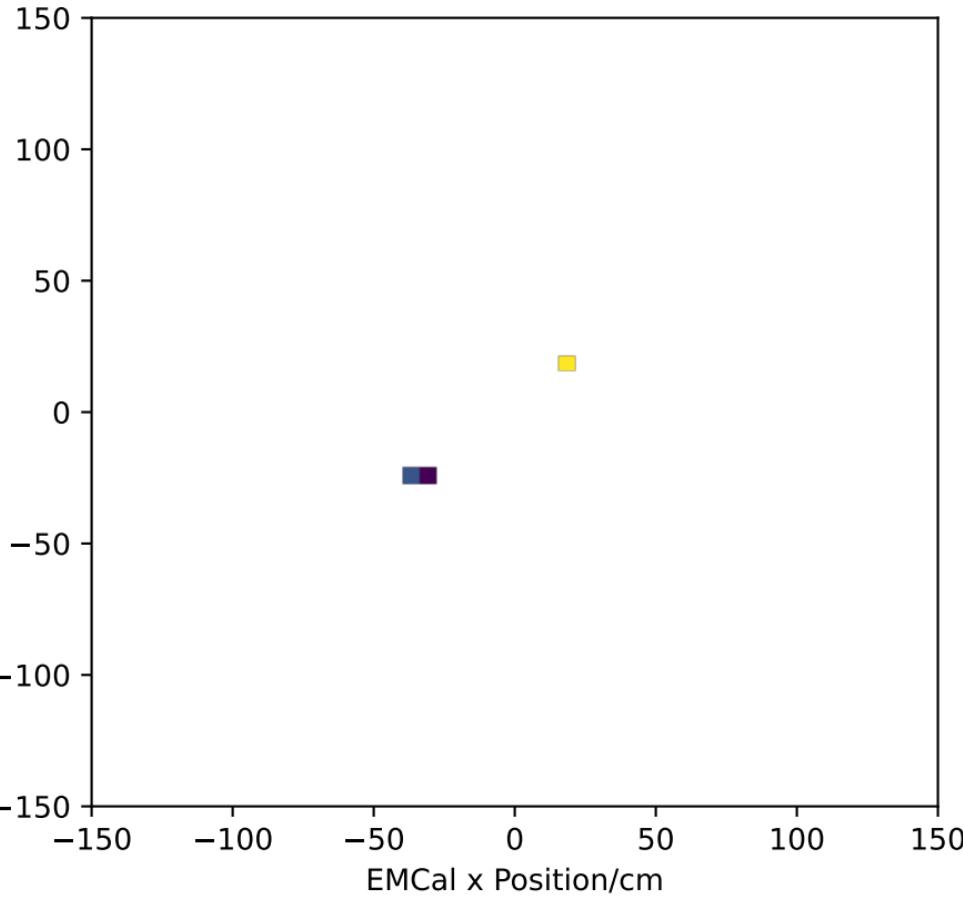


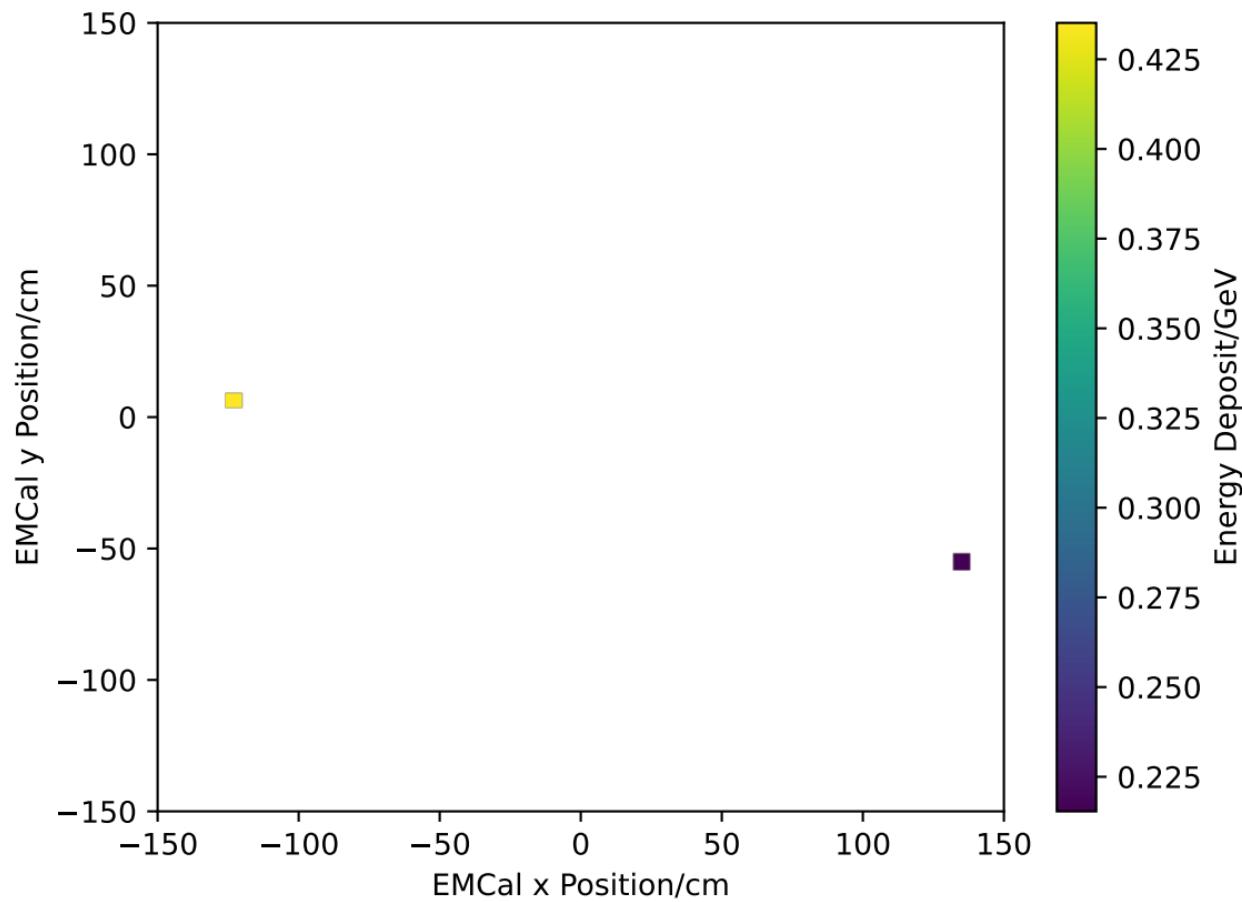


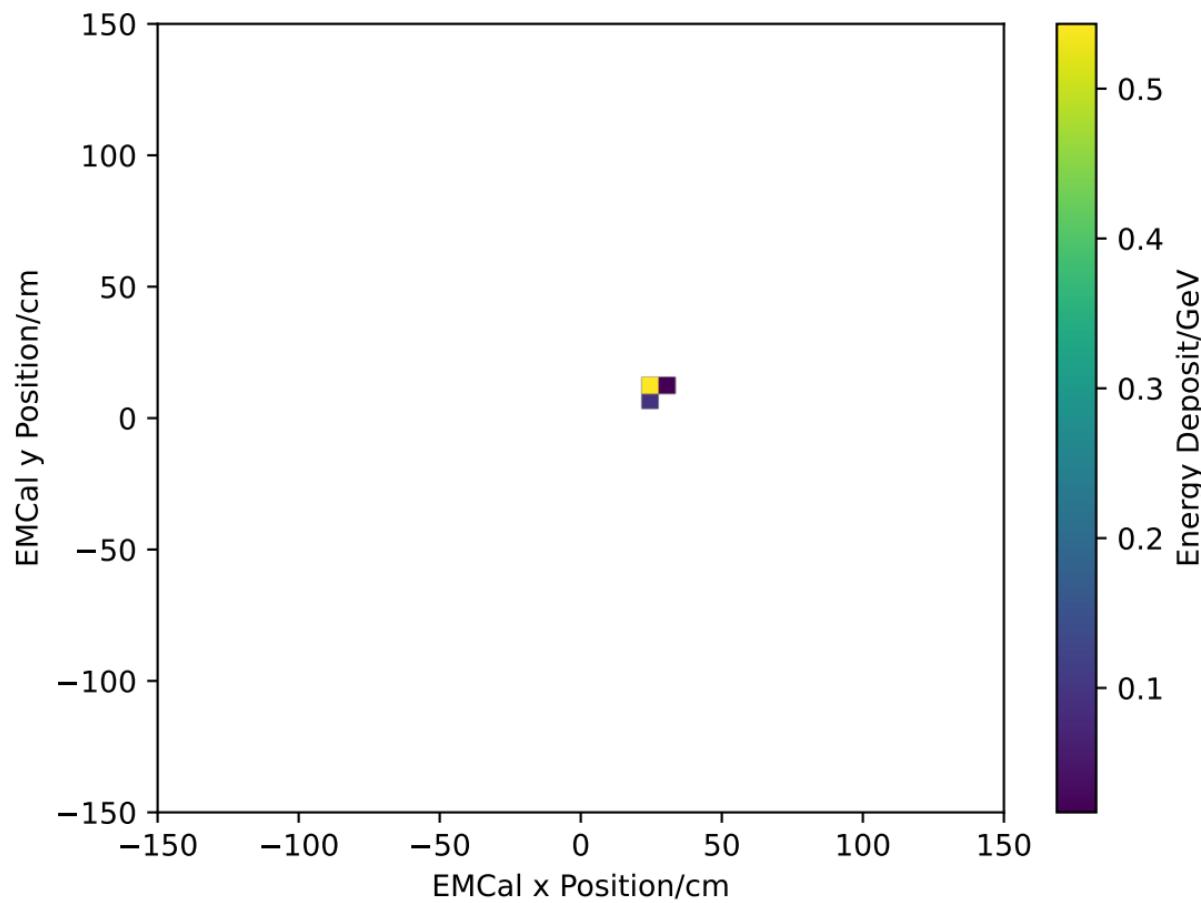




EMCal y Position/cm







EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

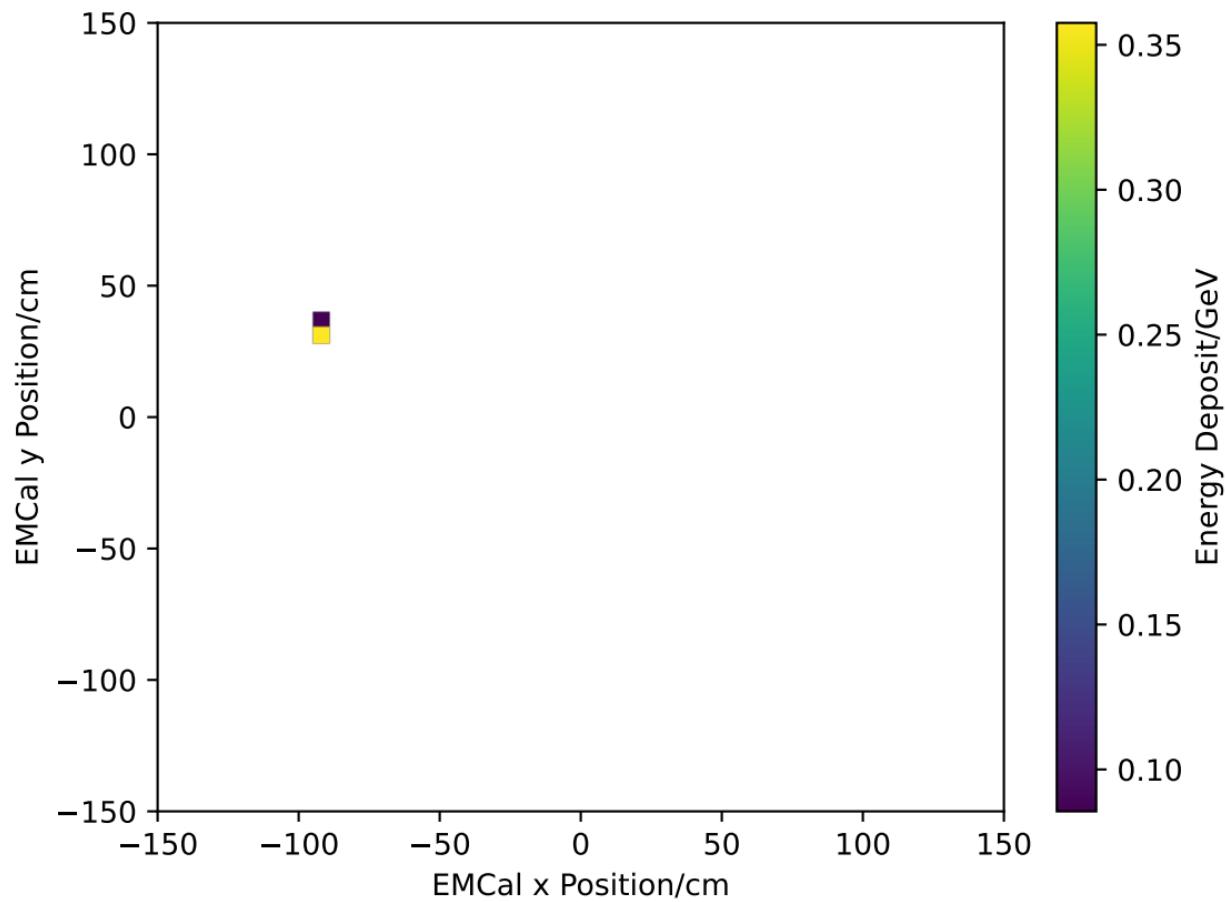
100

150

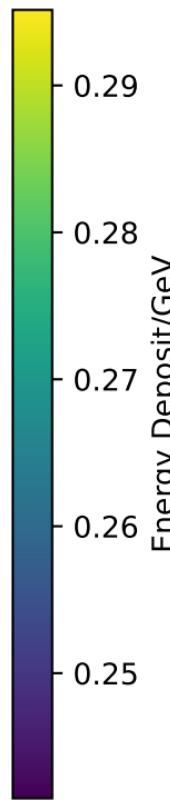
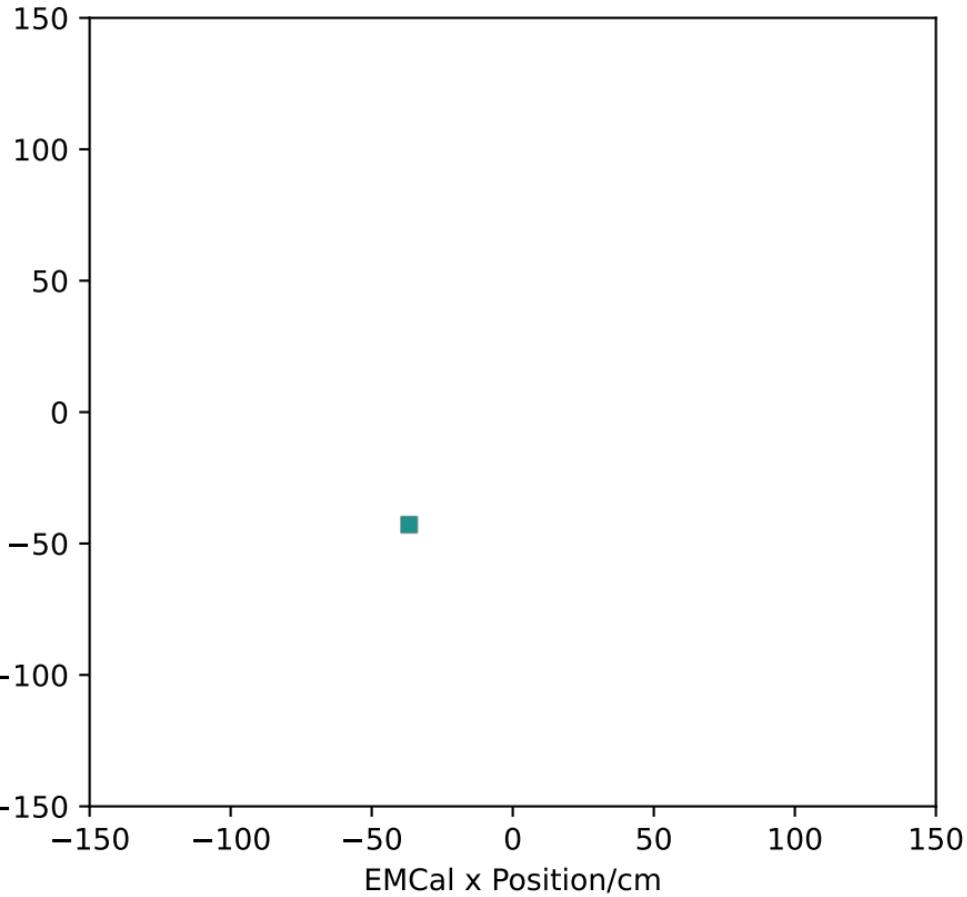
EMCal x Position/cm

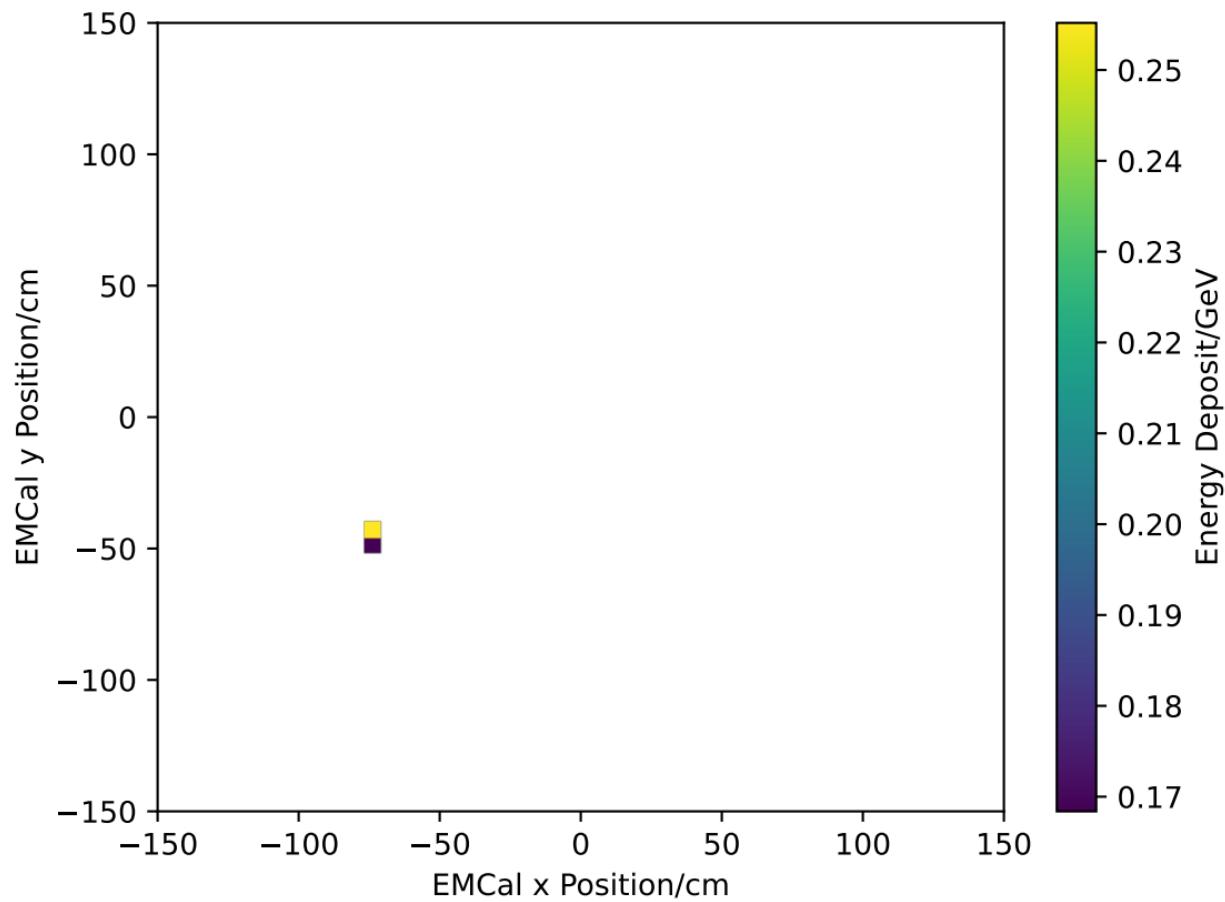


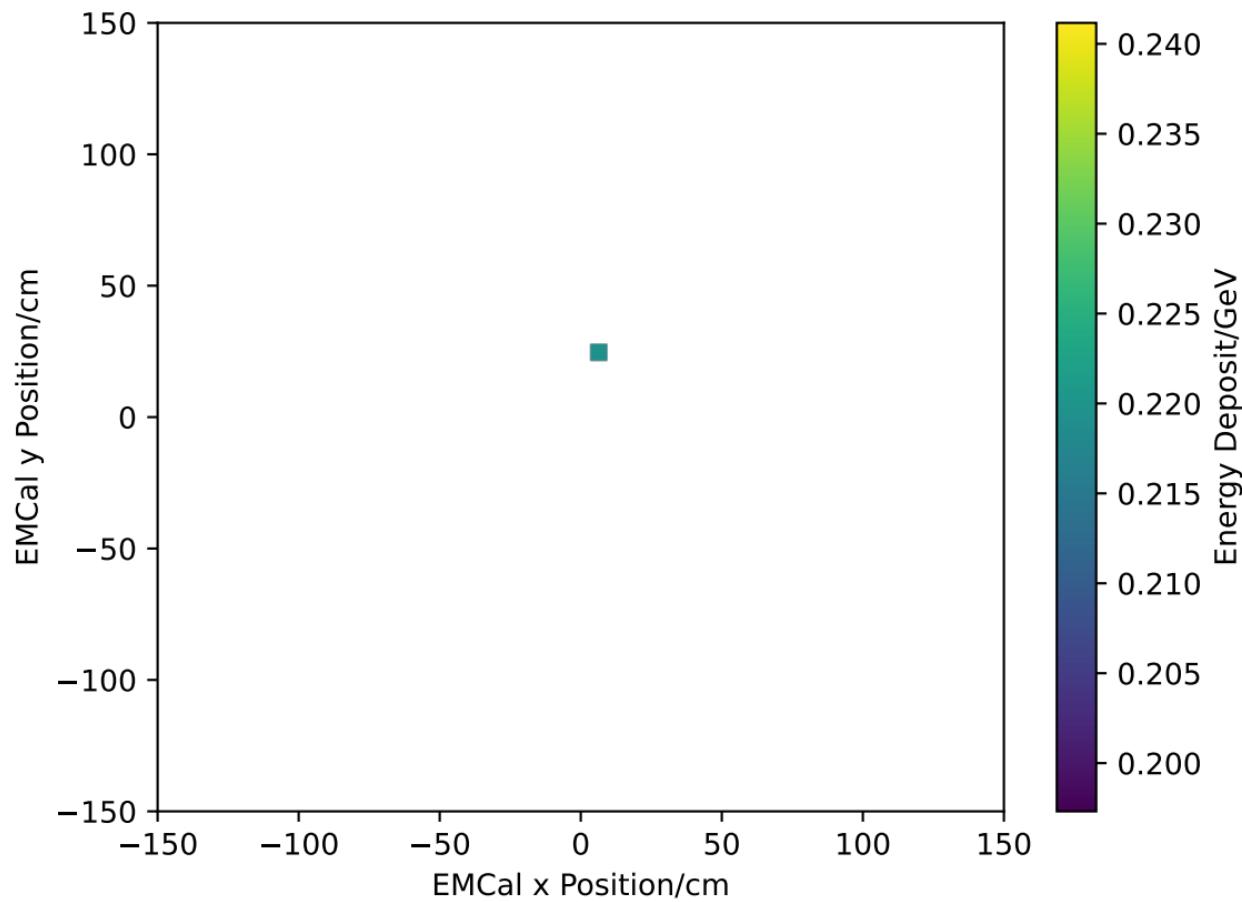
Energy Deposit/GeV

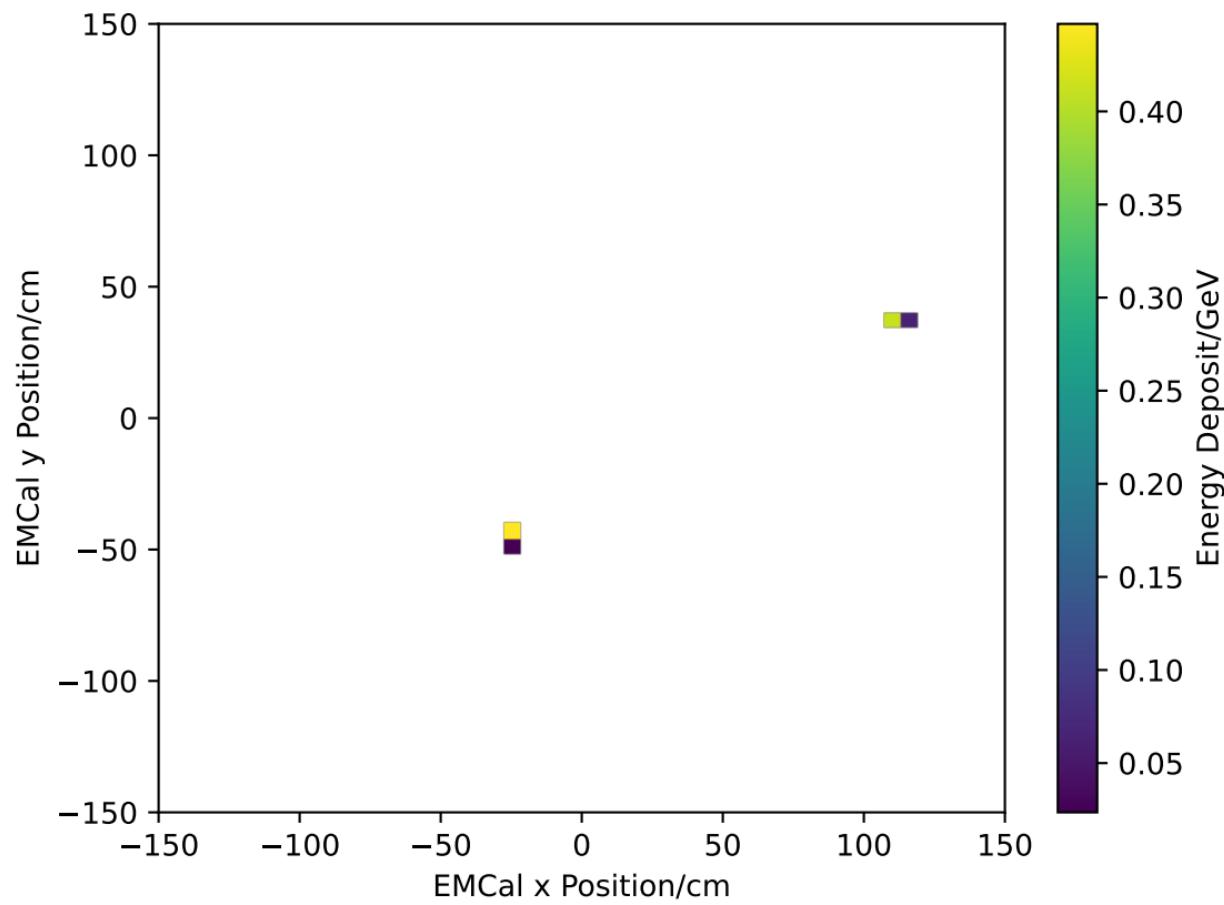


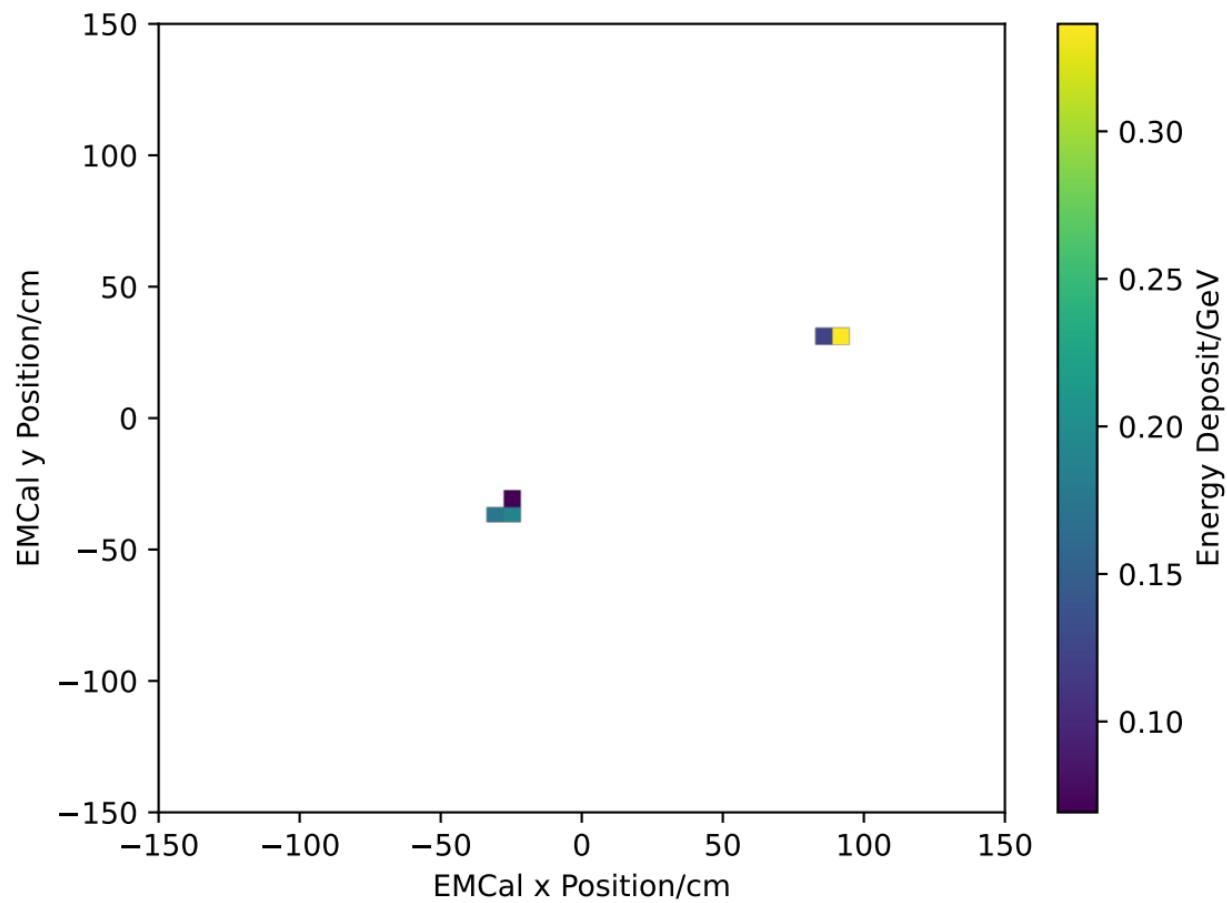
EMCal y Position/cm

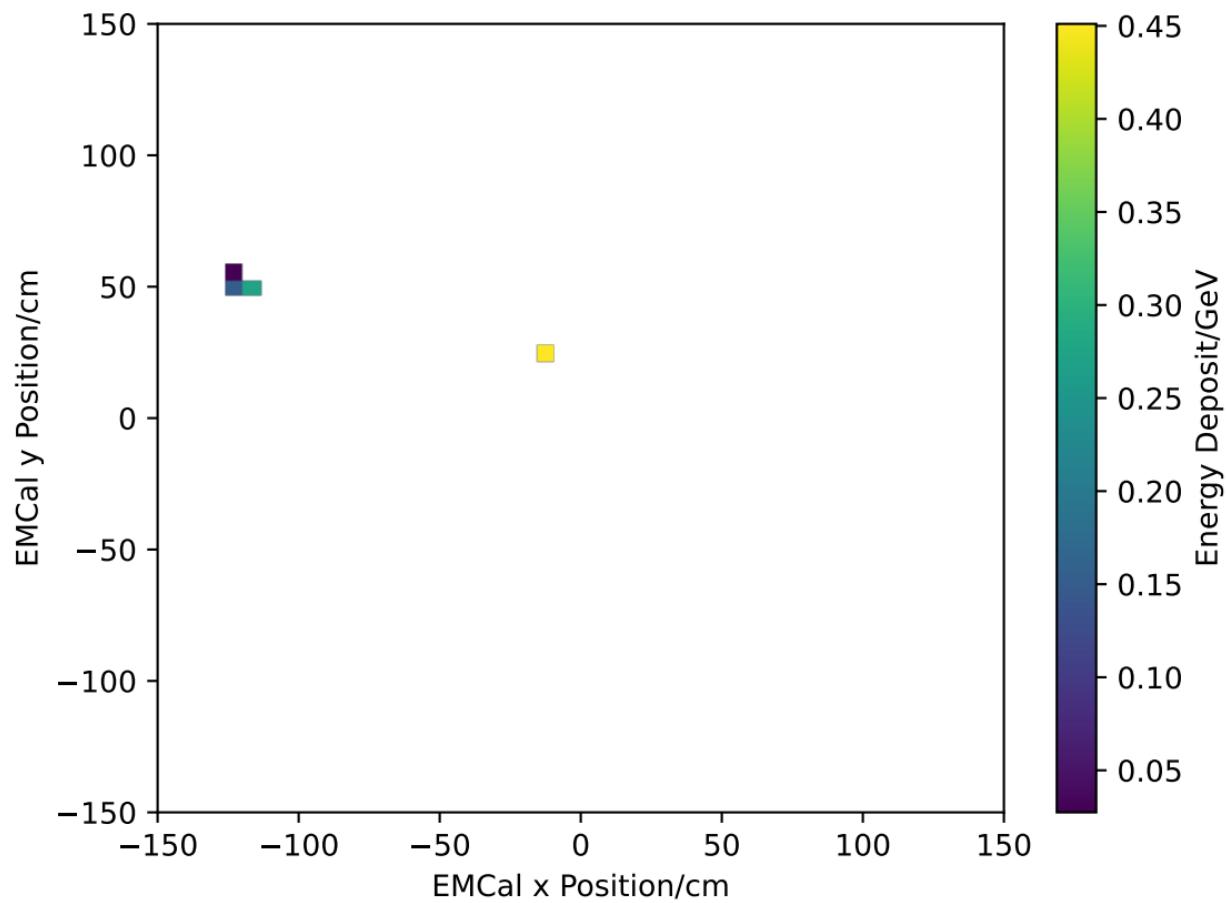




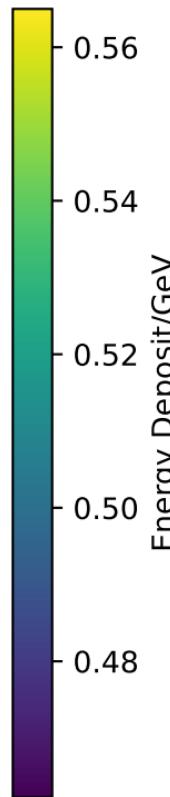
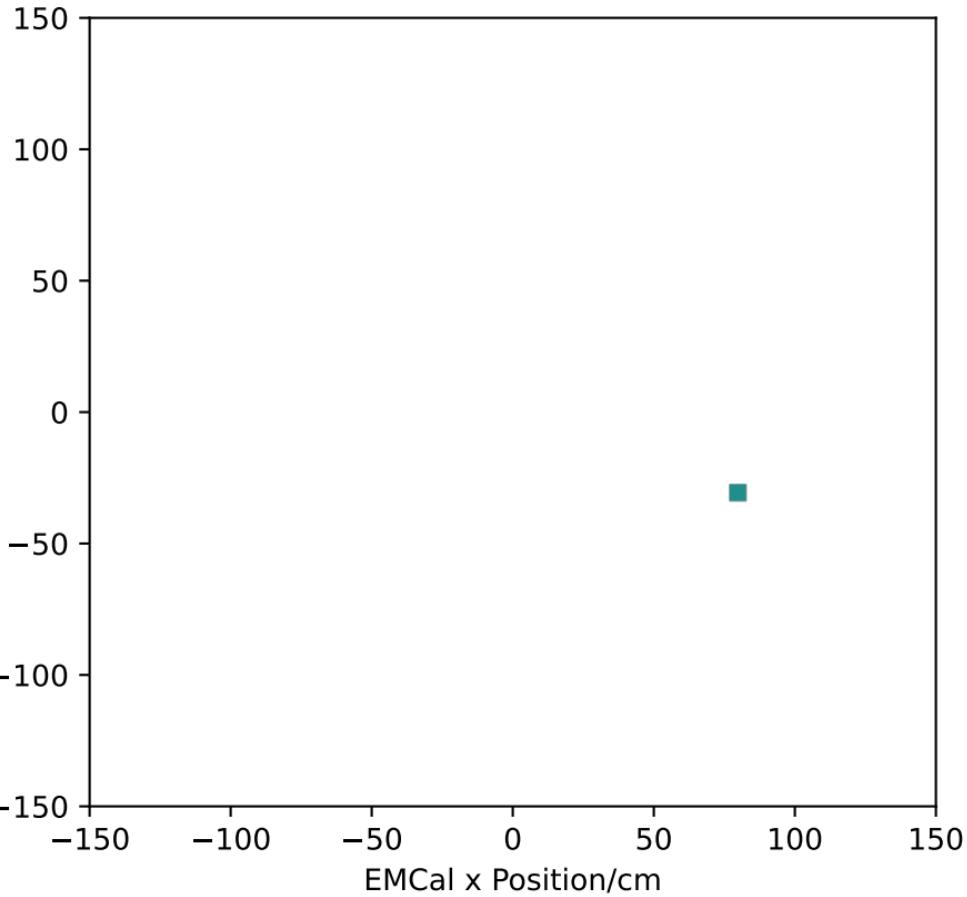


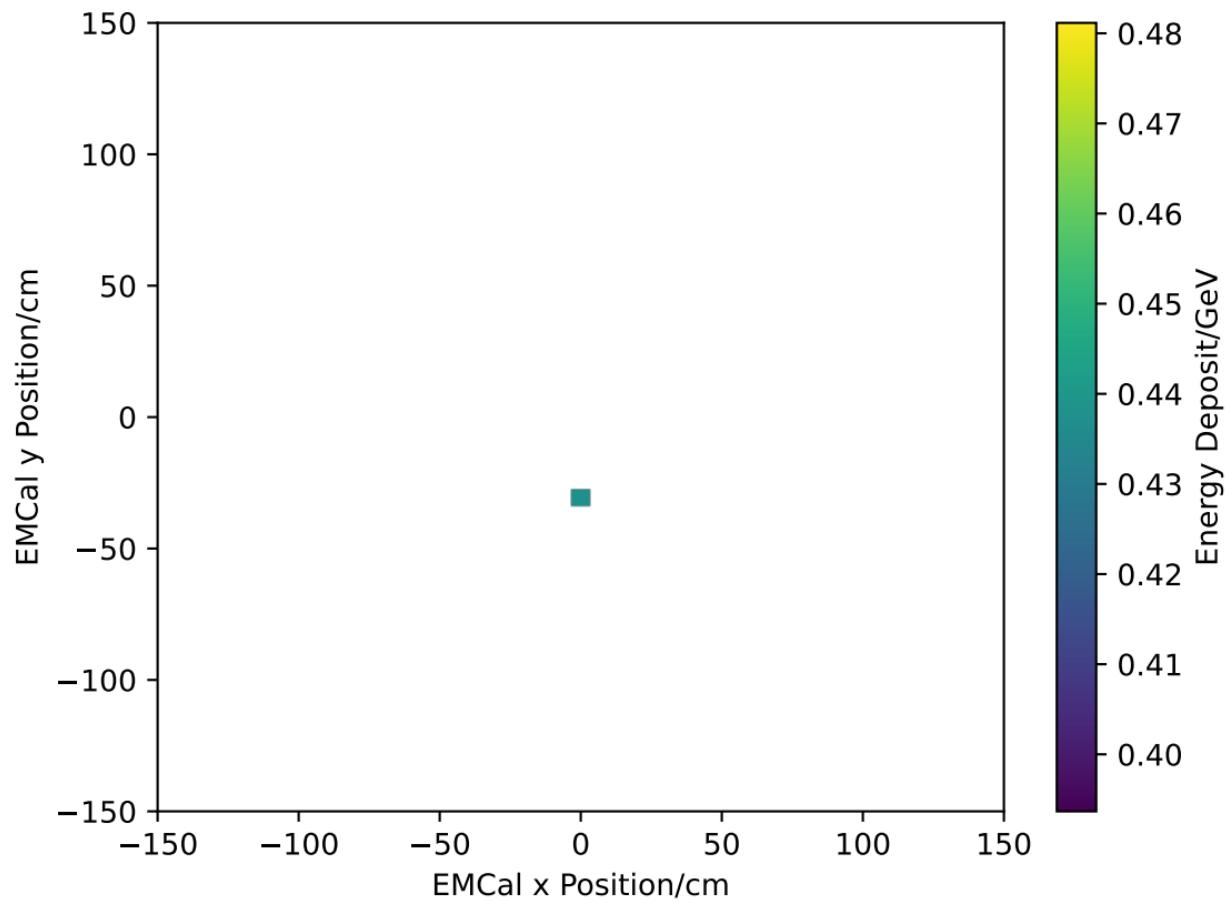


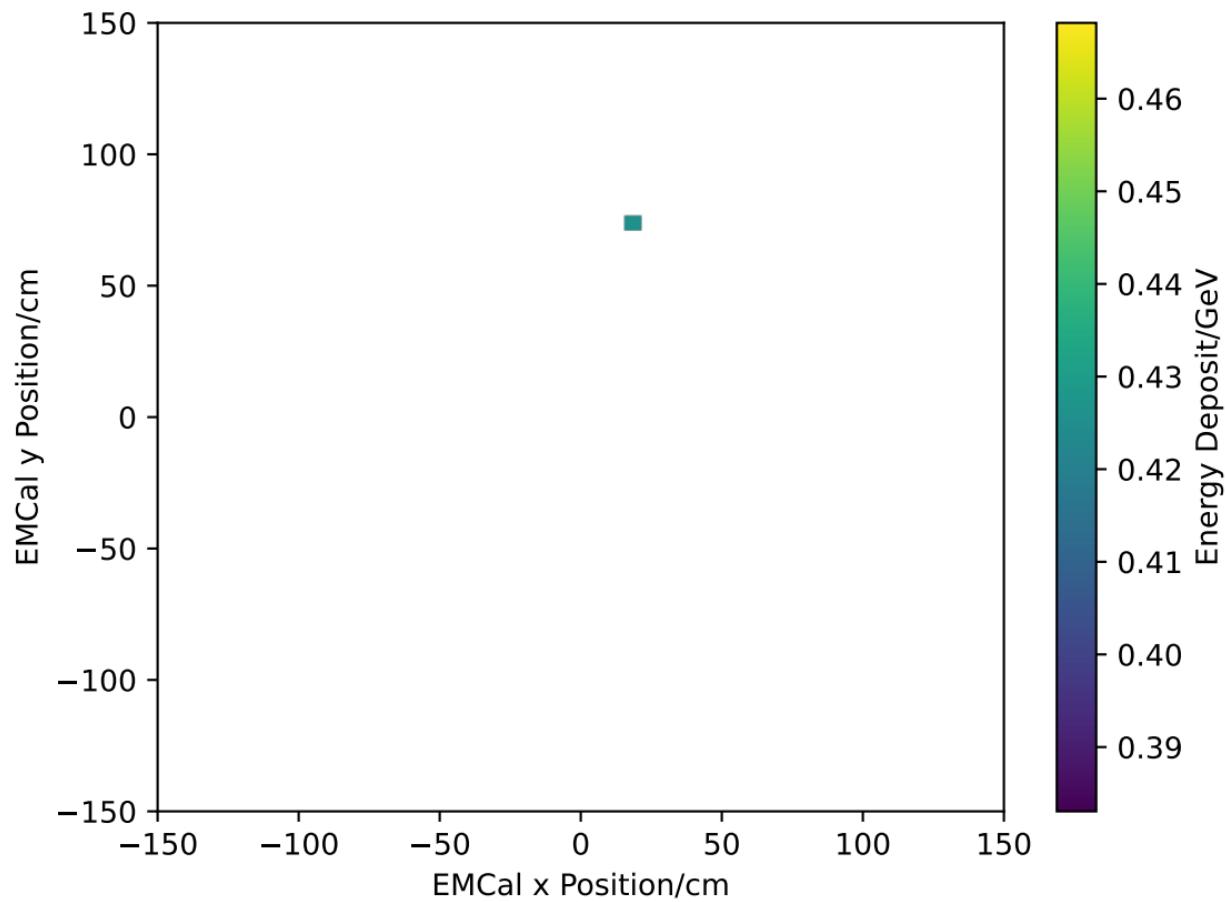




EMCal y Position/cm







EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

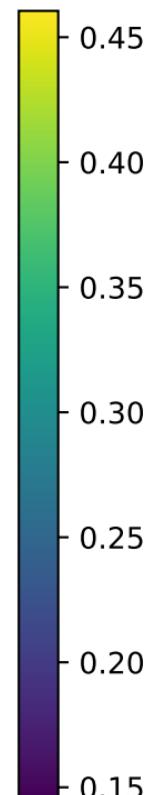
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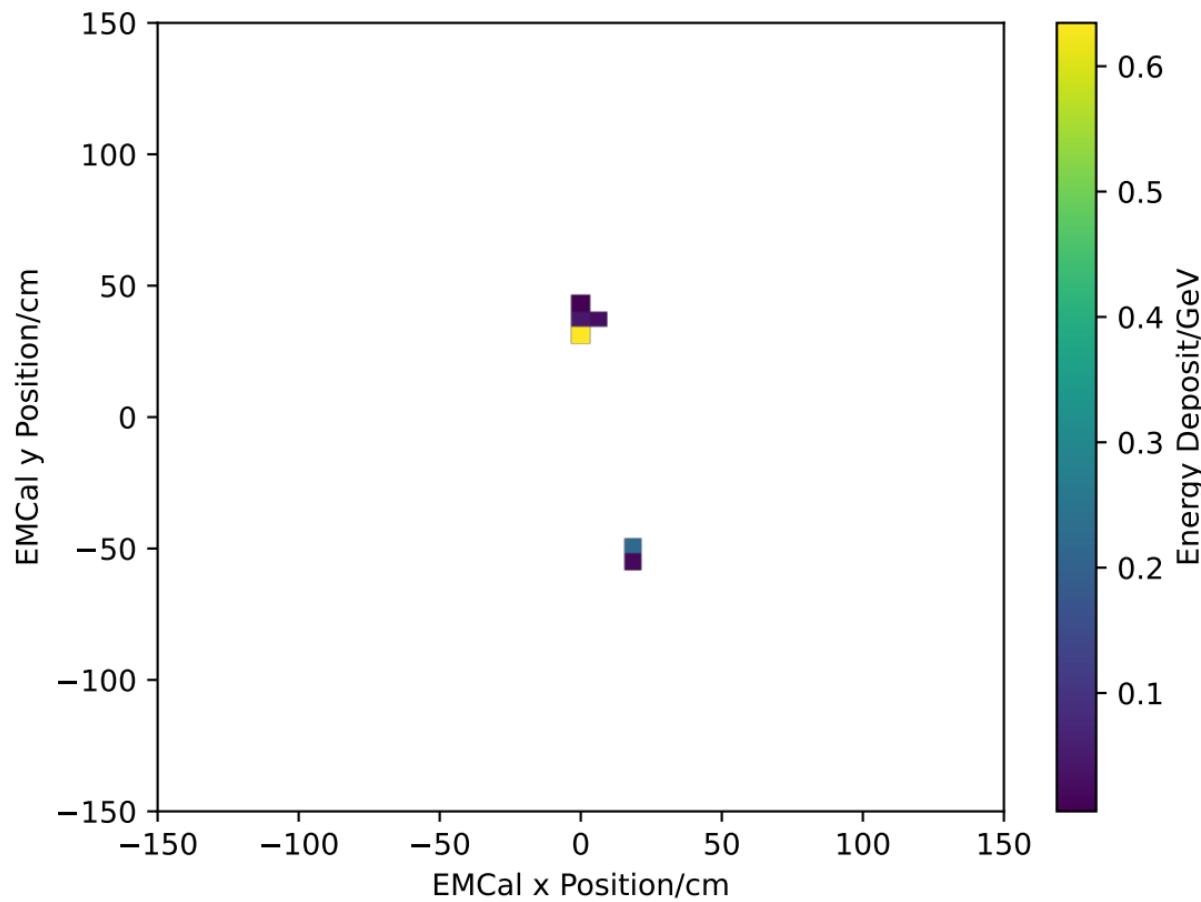
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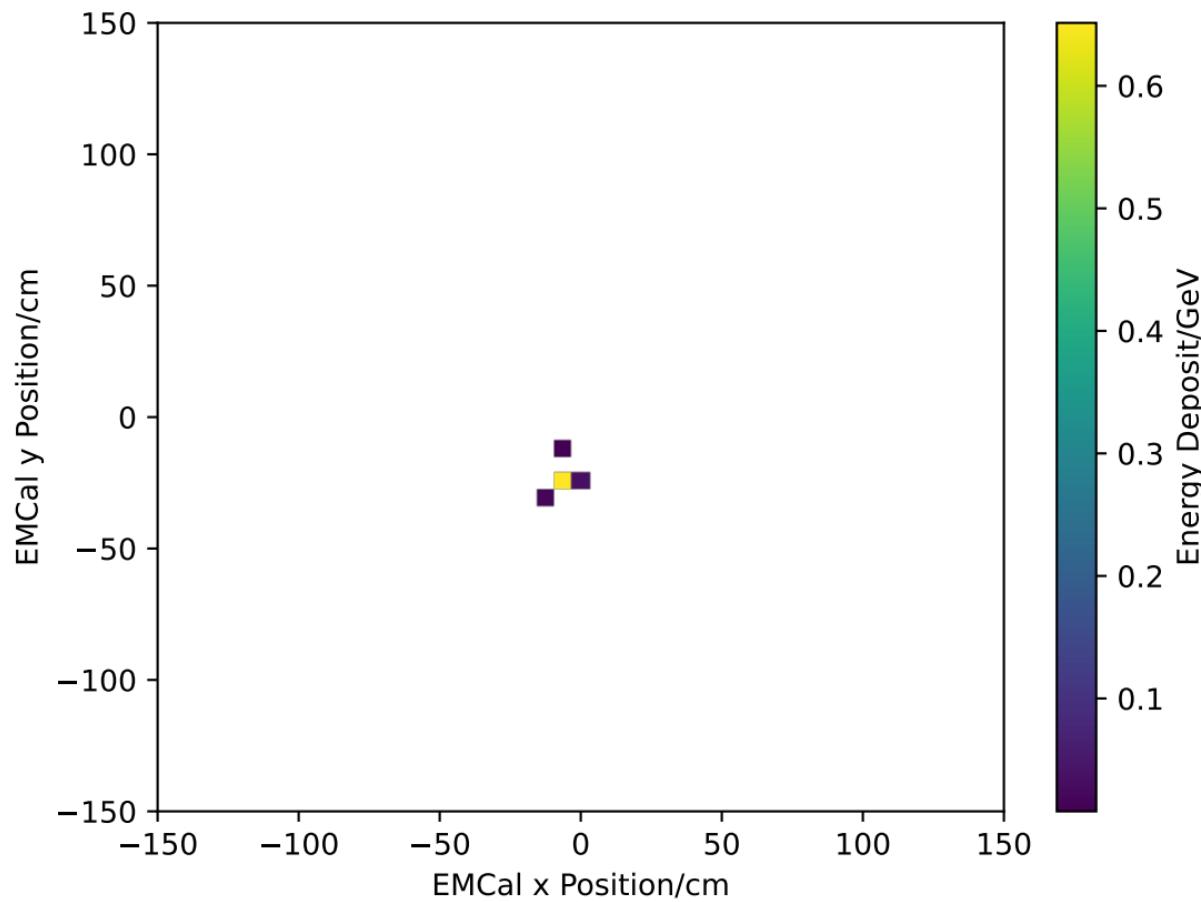
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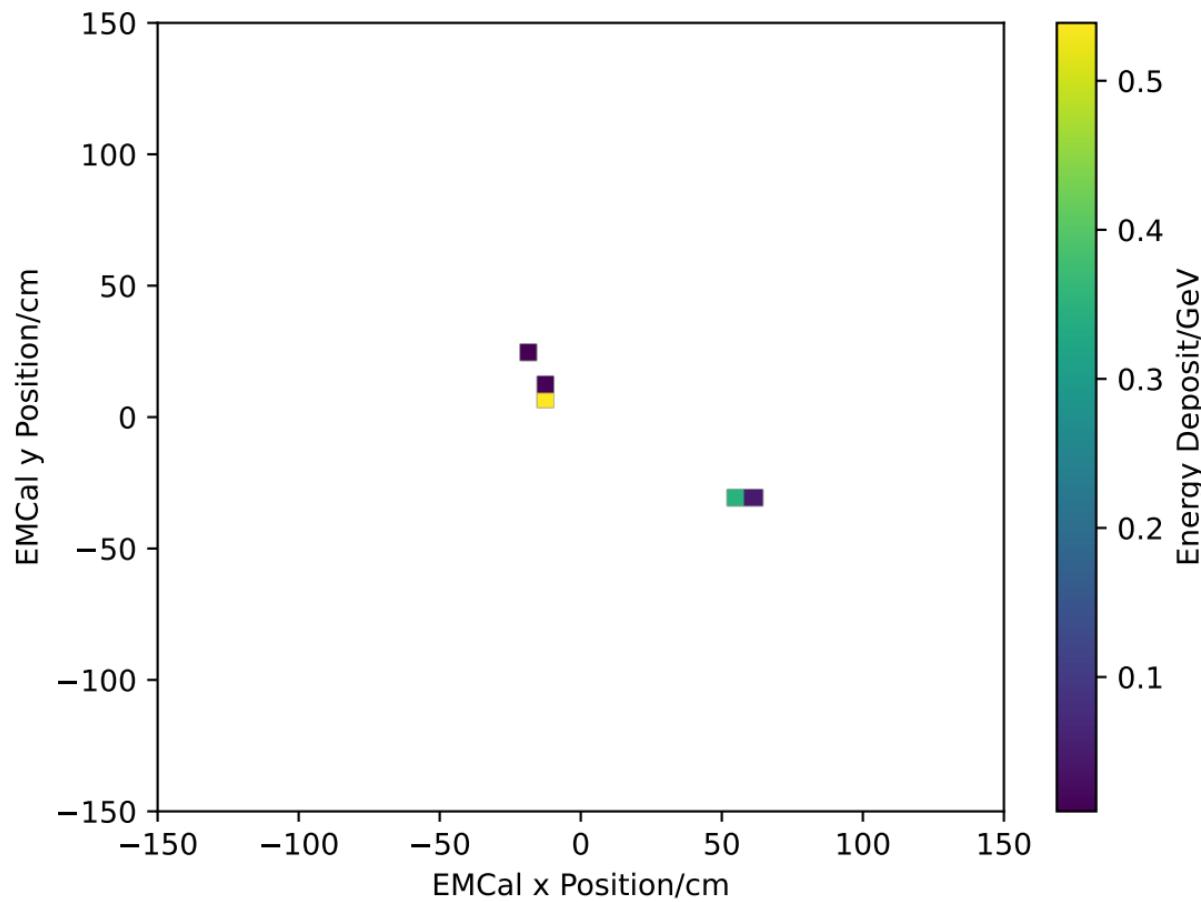
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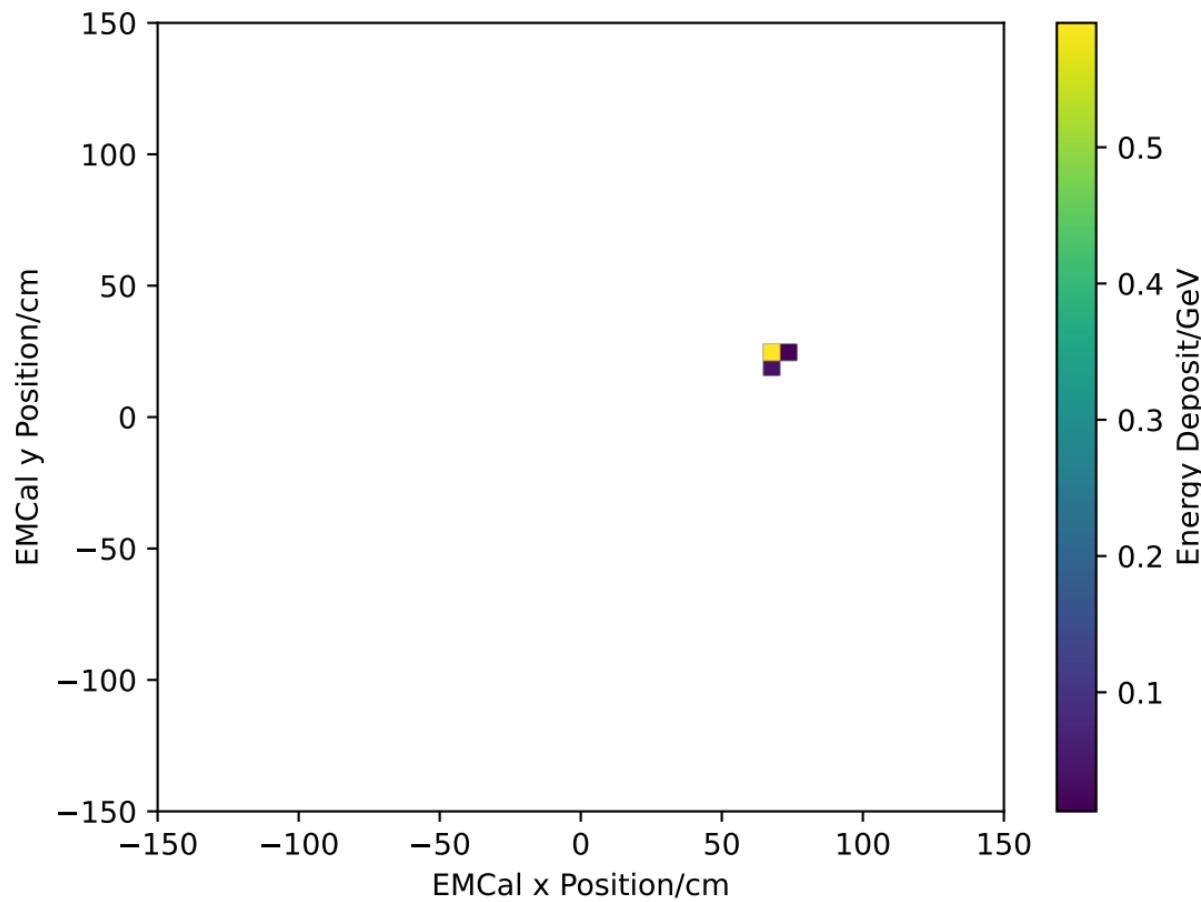
EMCal x Position/cm

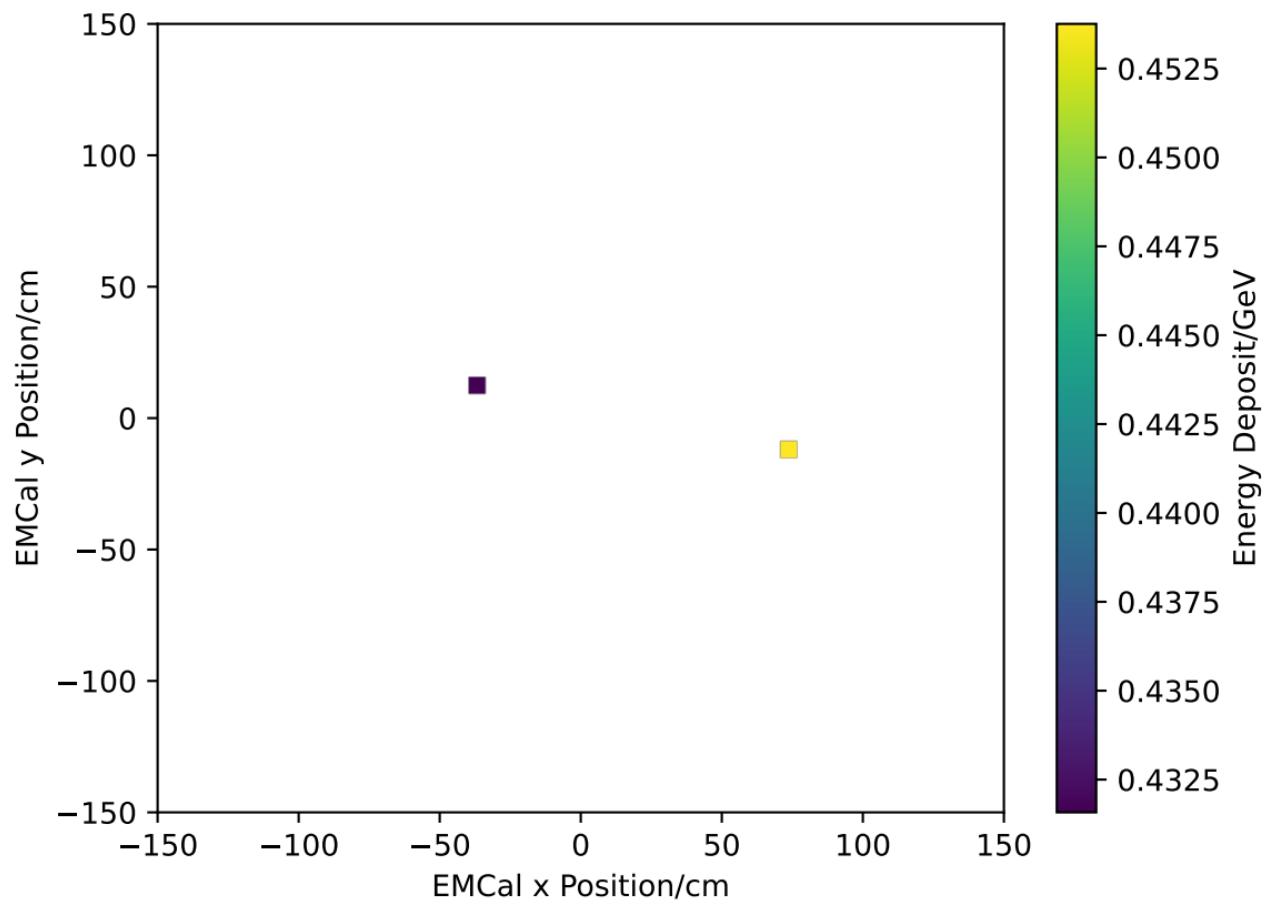


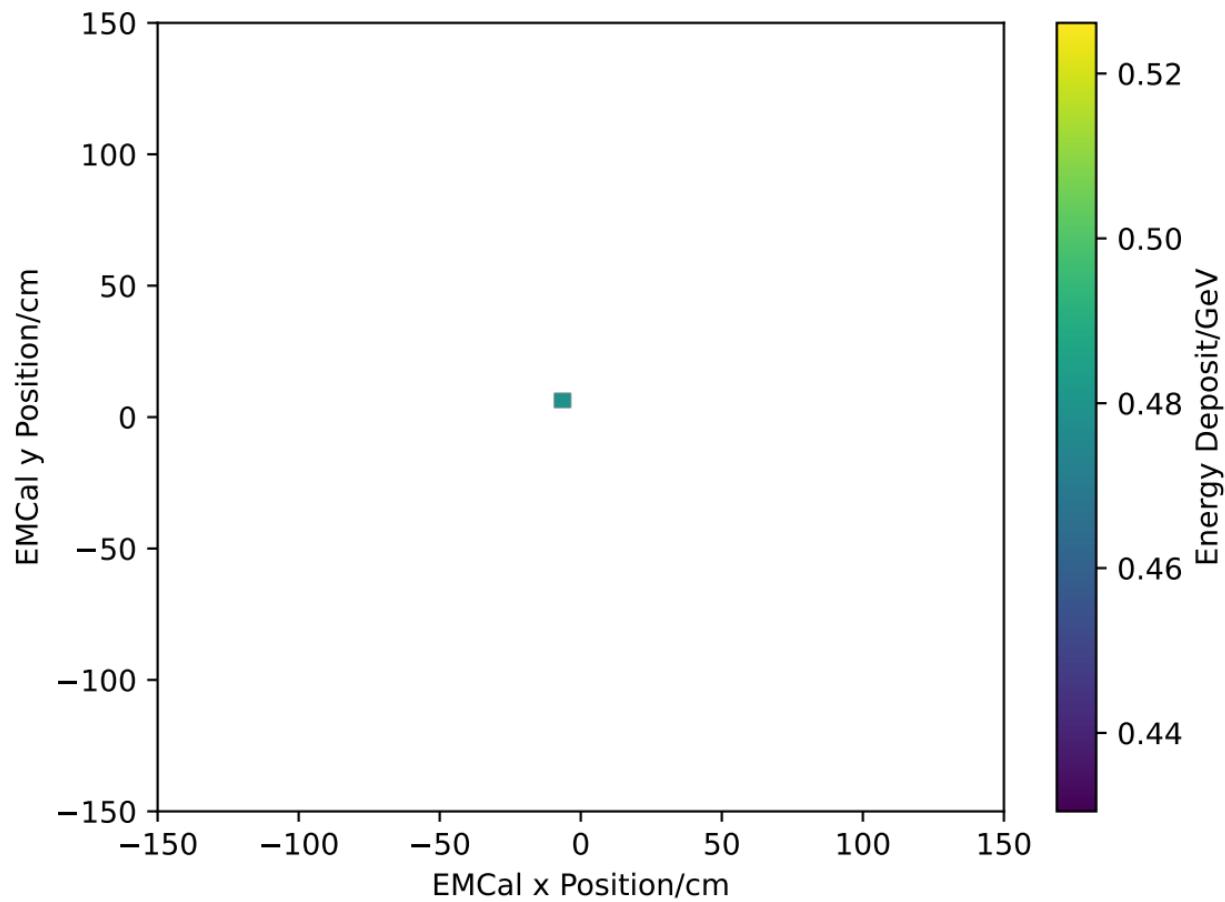


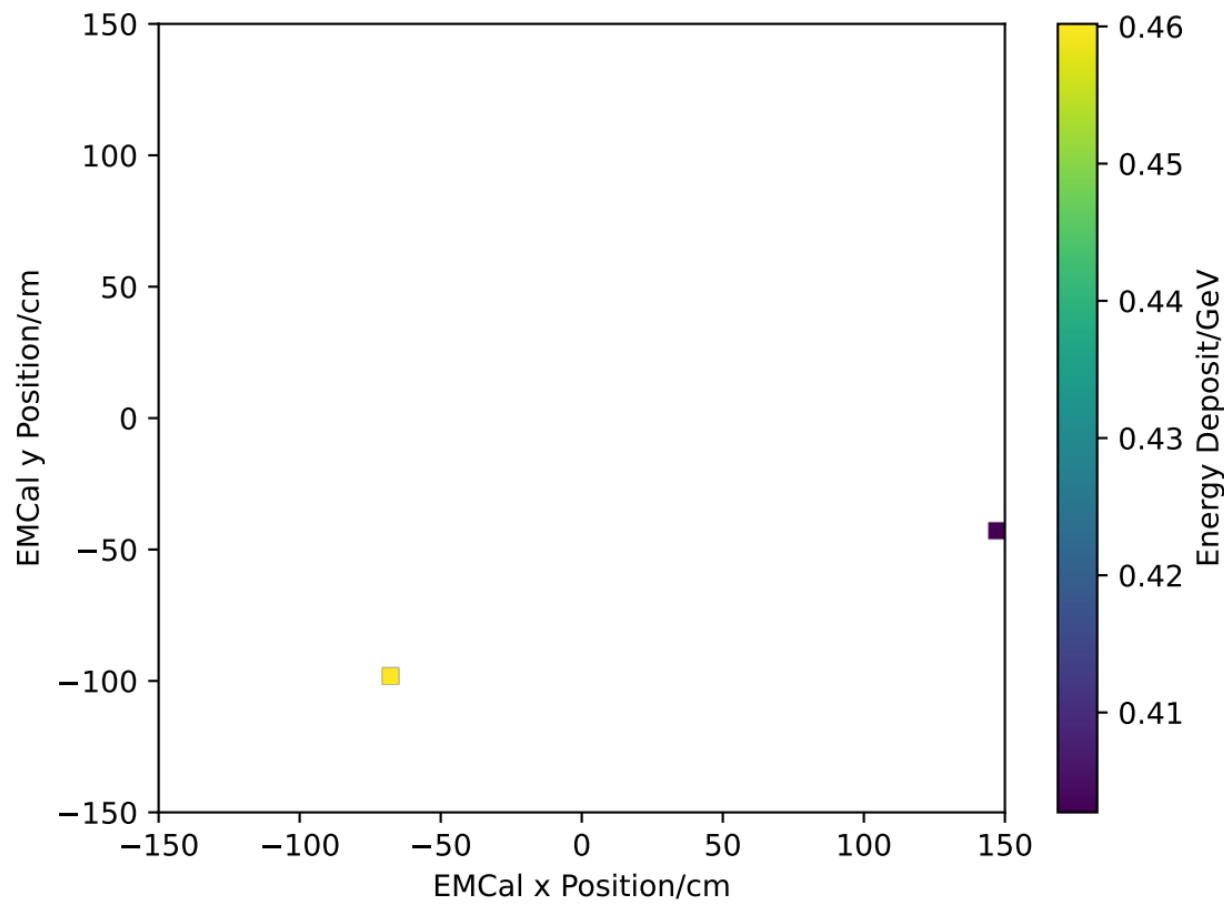


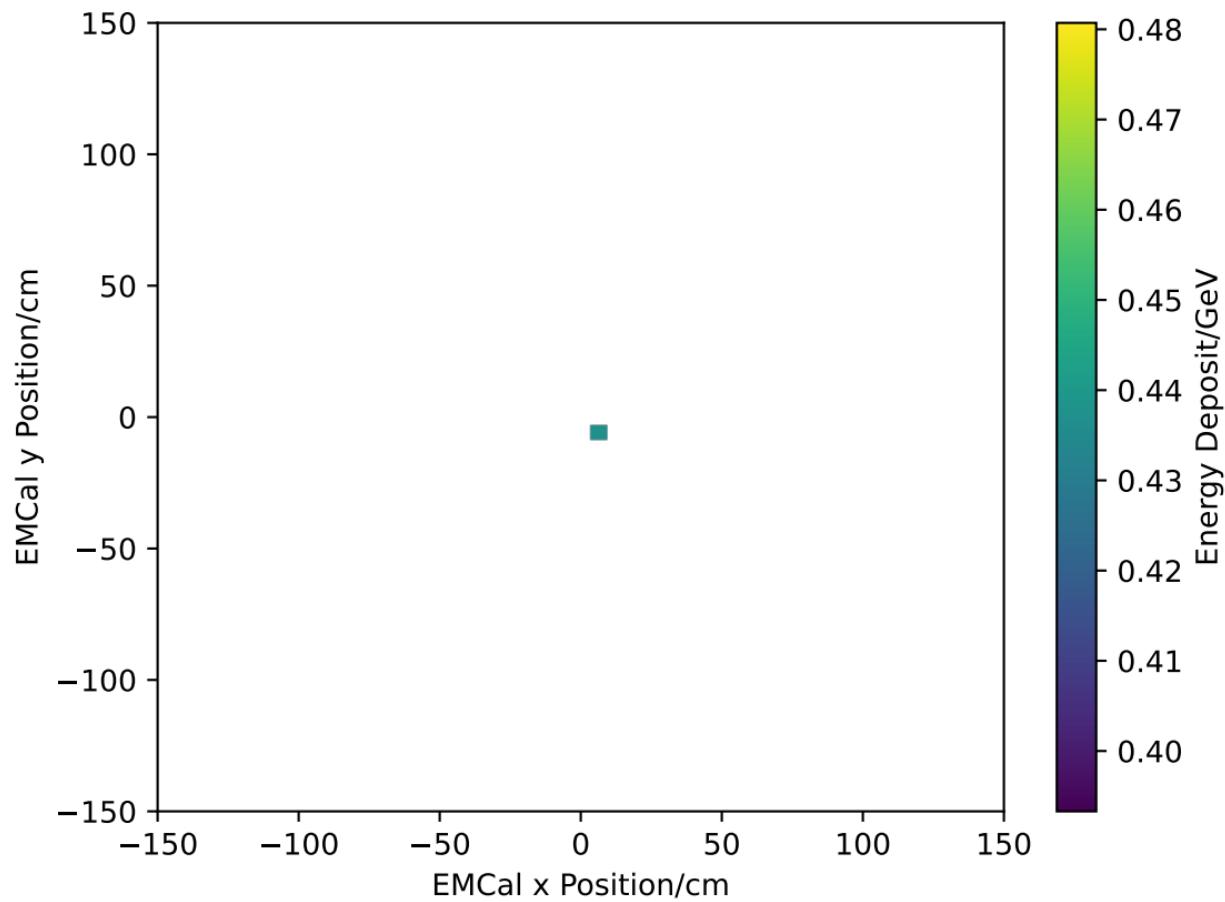


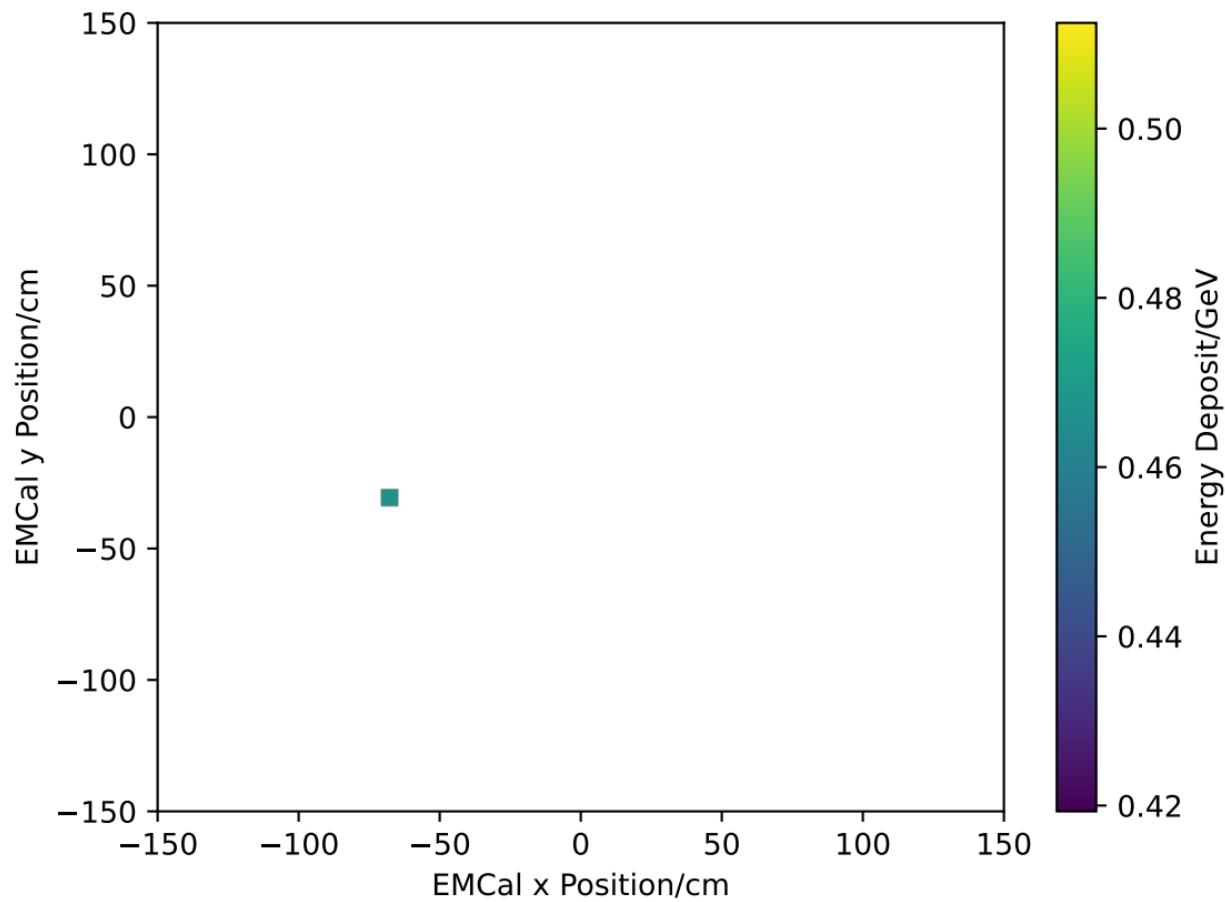


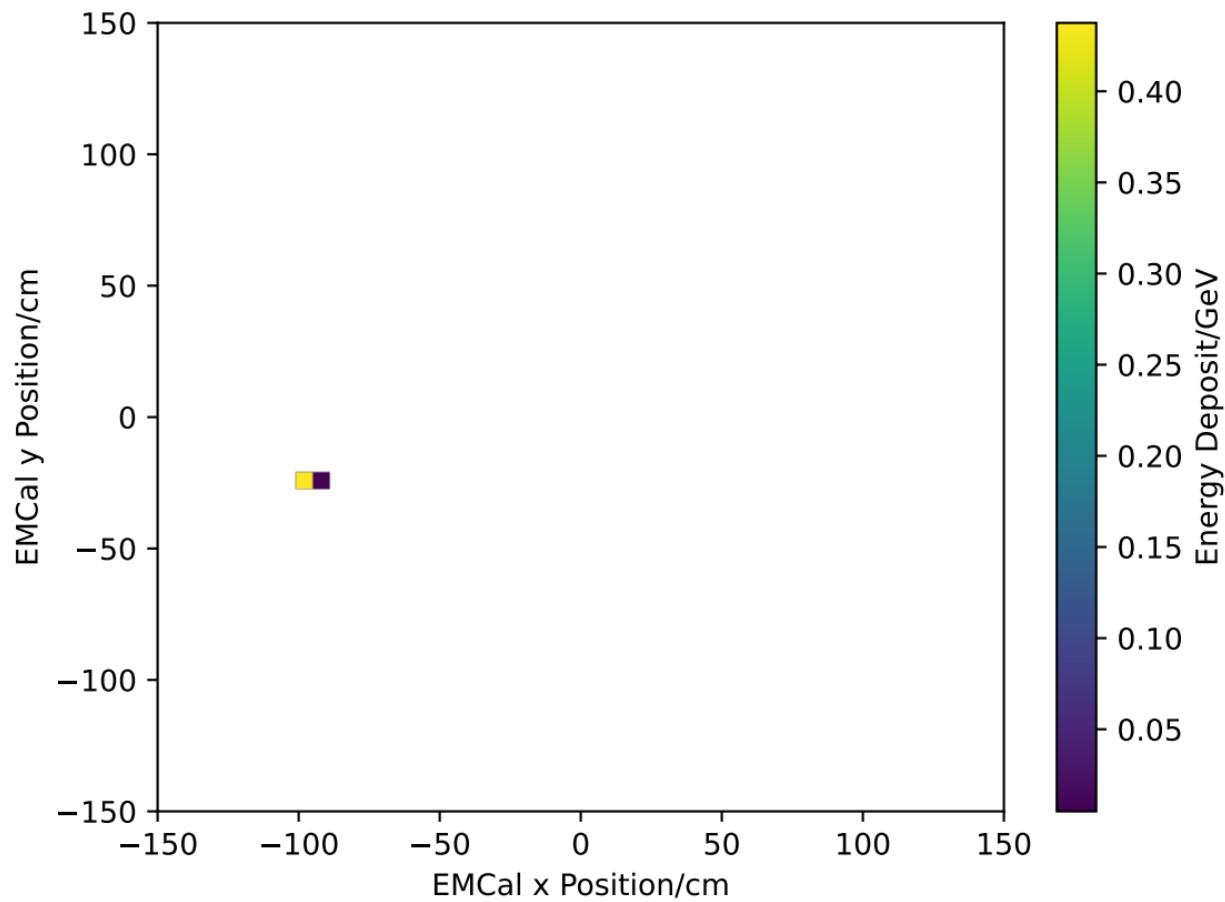


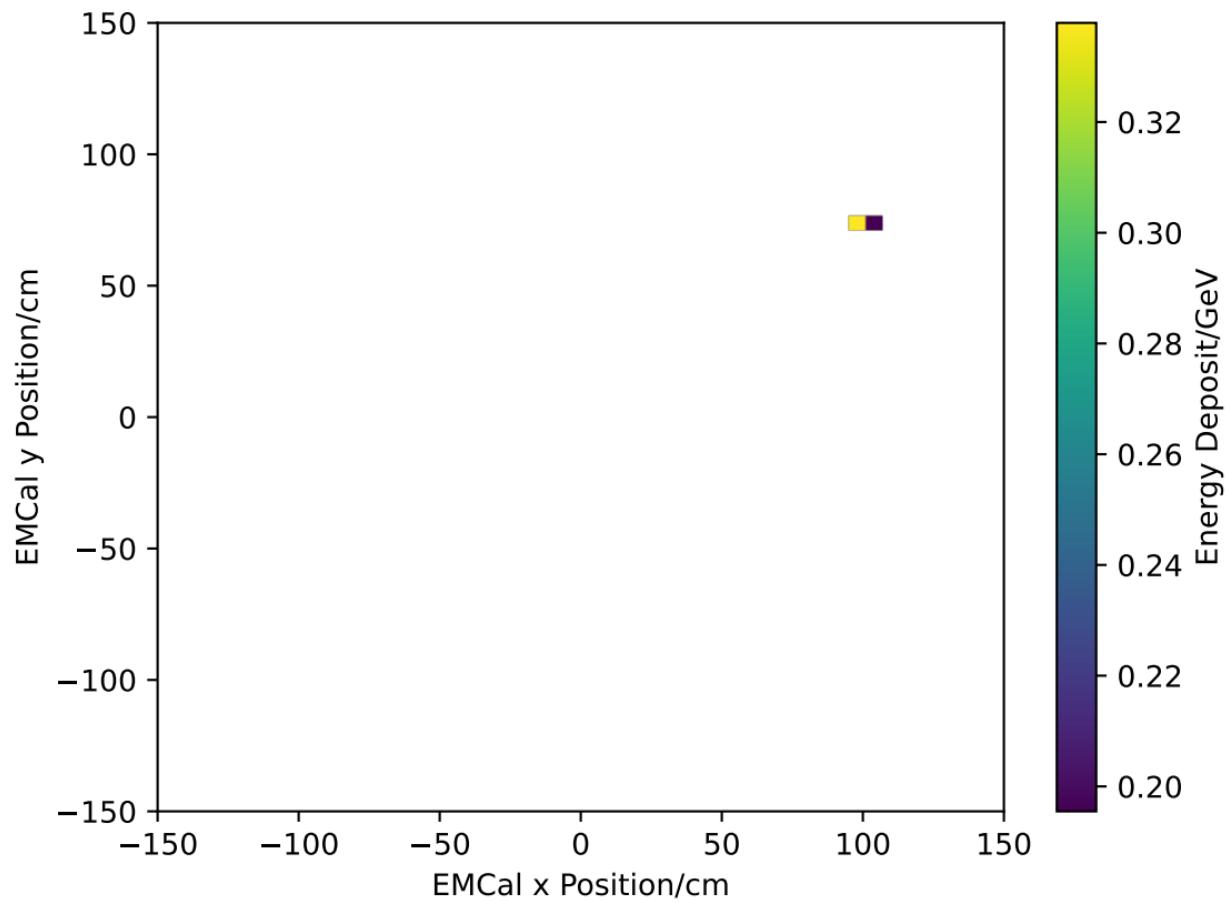












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

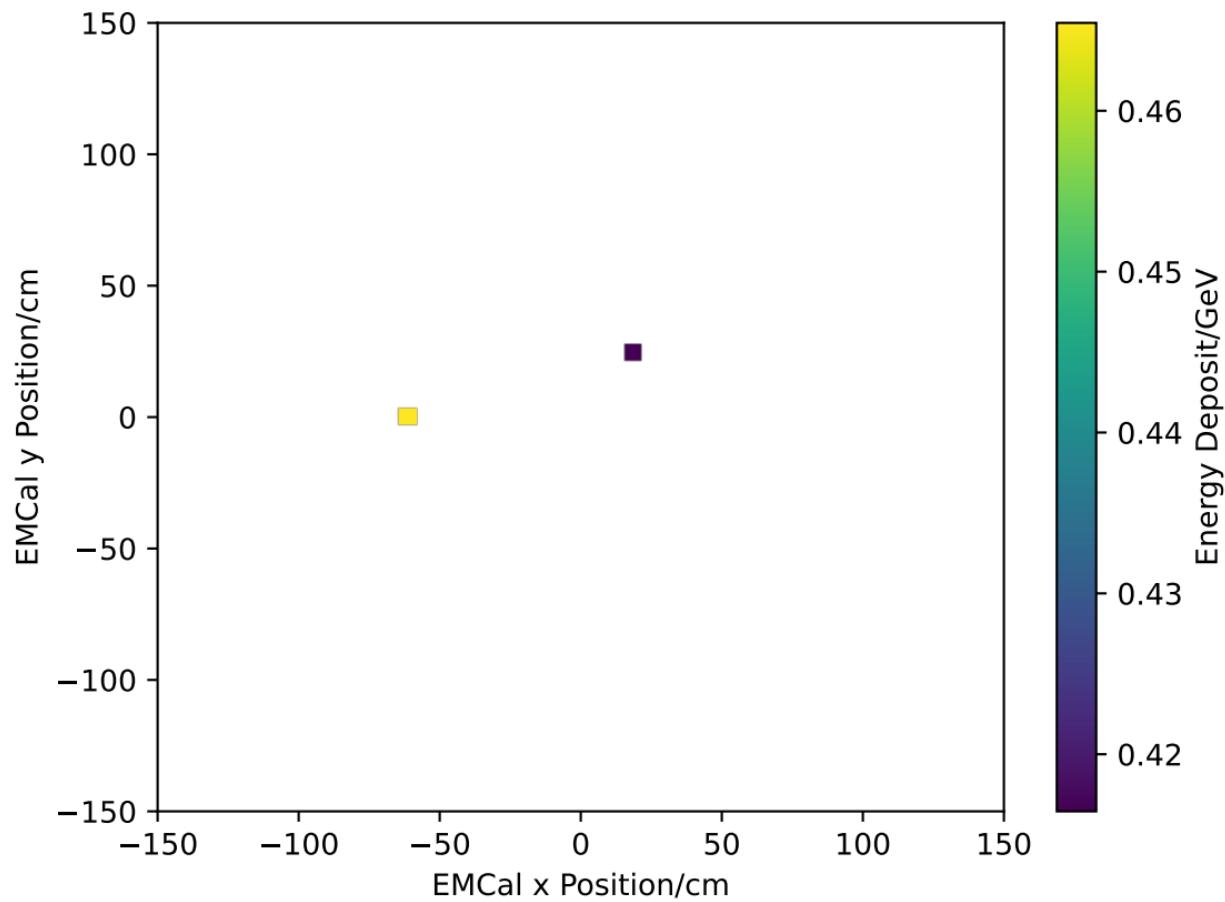
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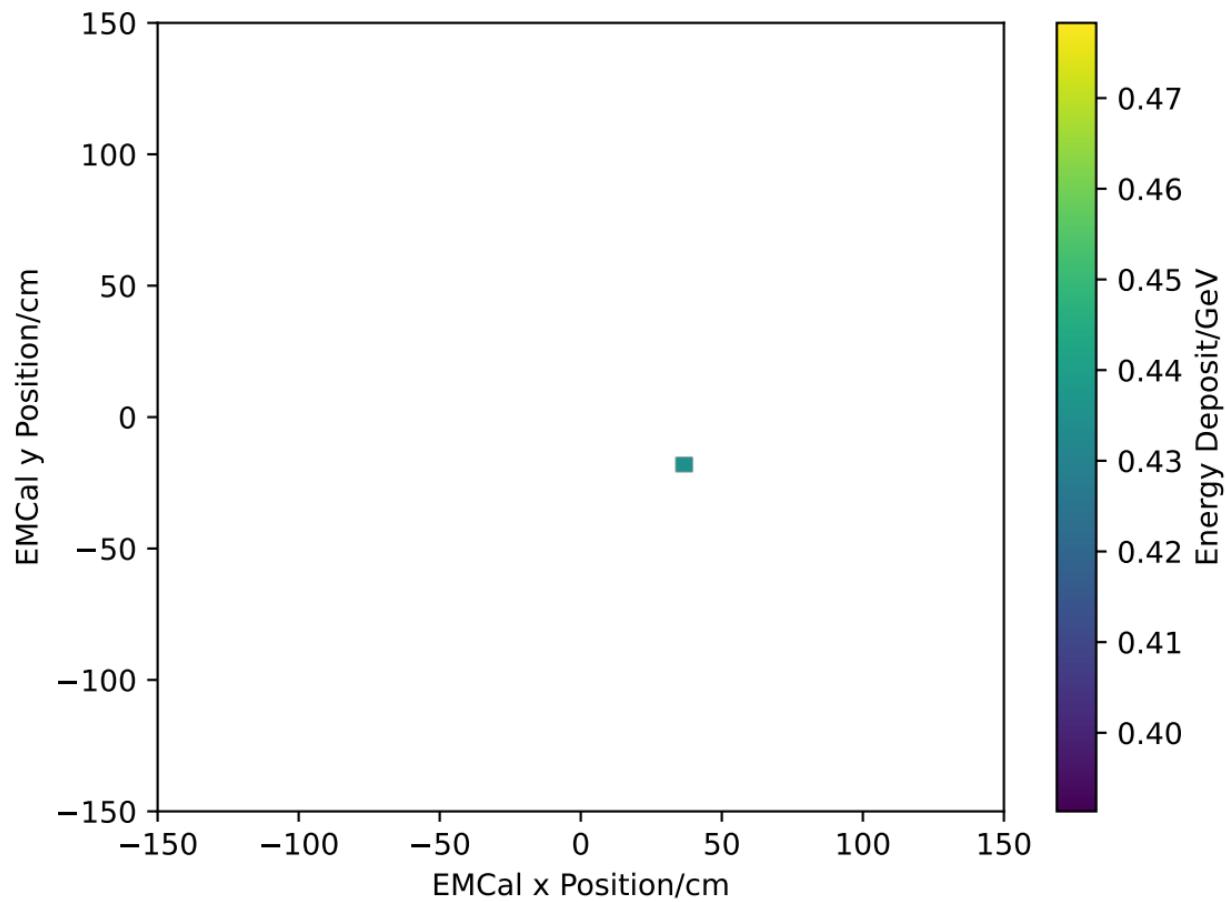
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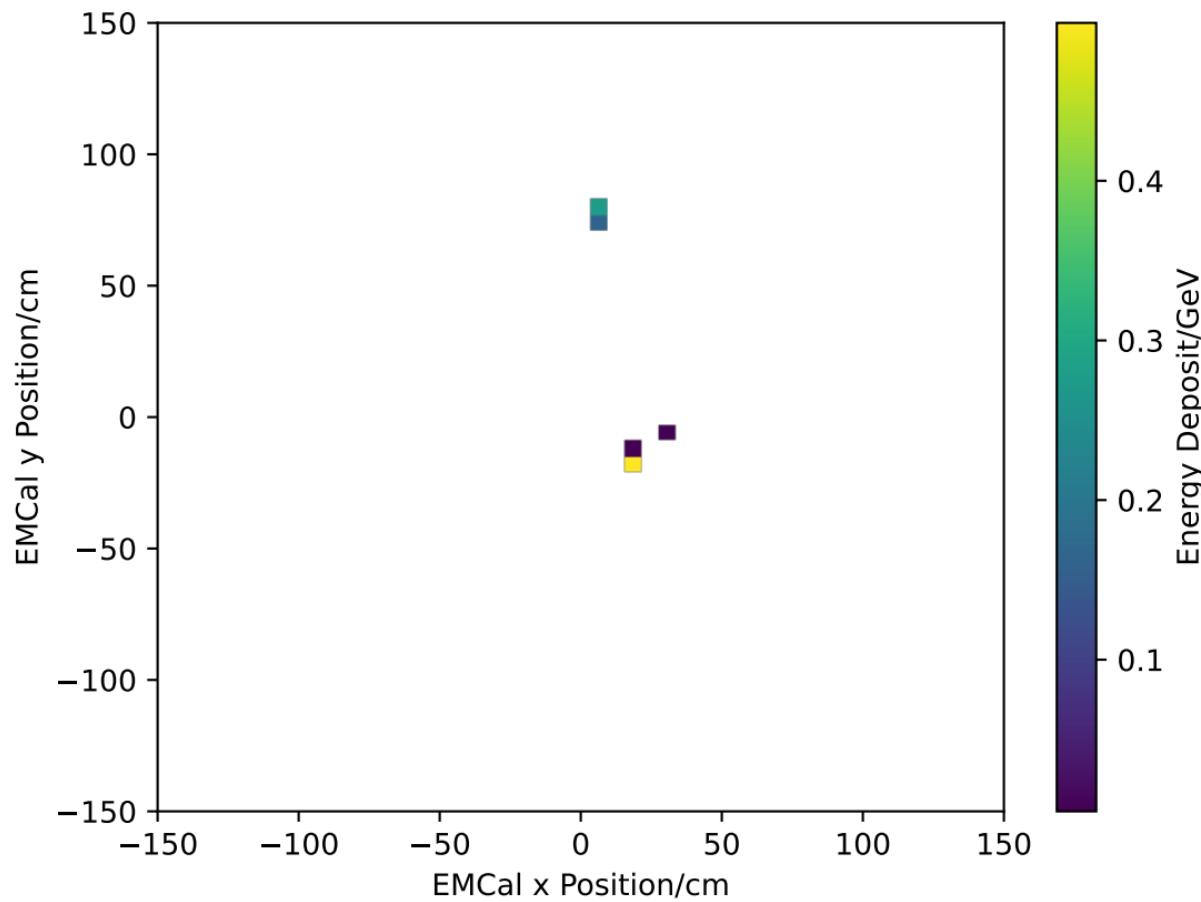
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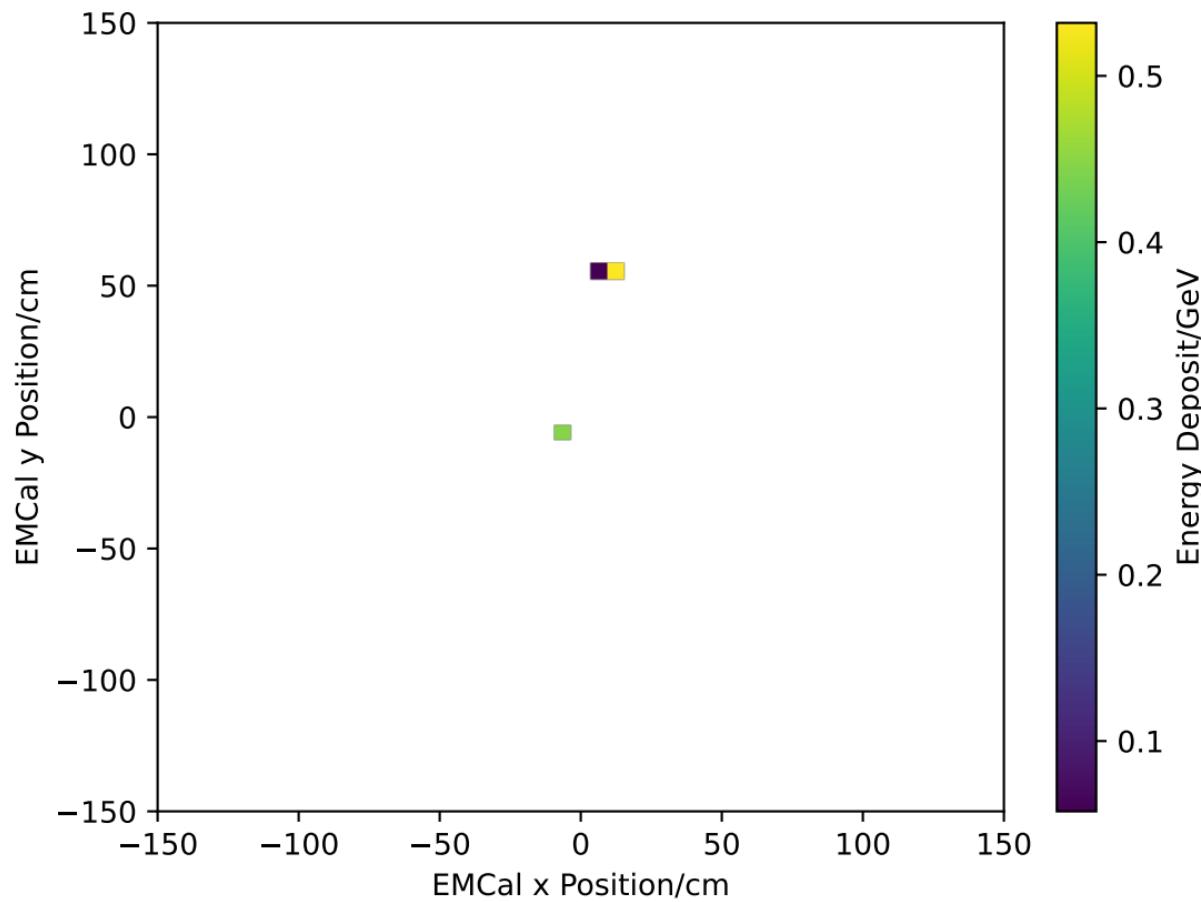
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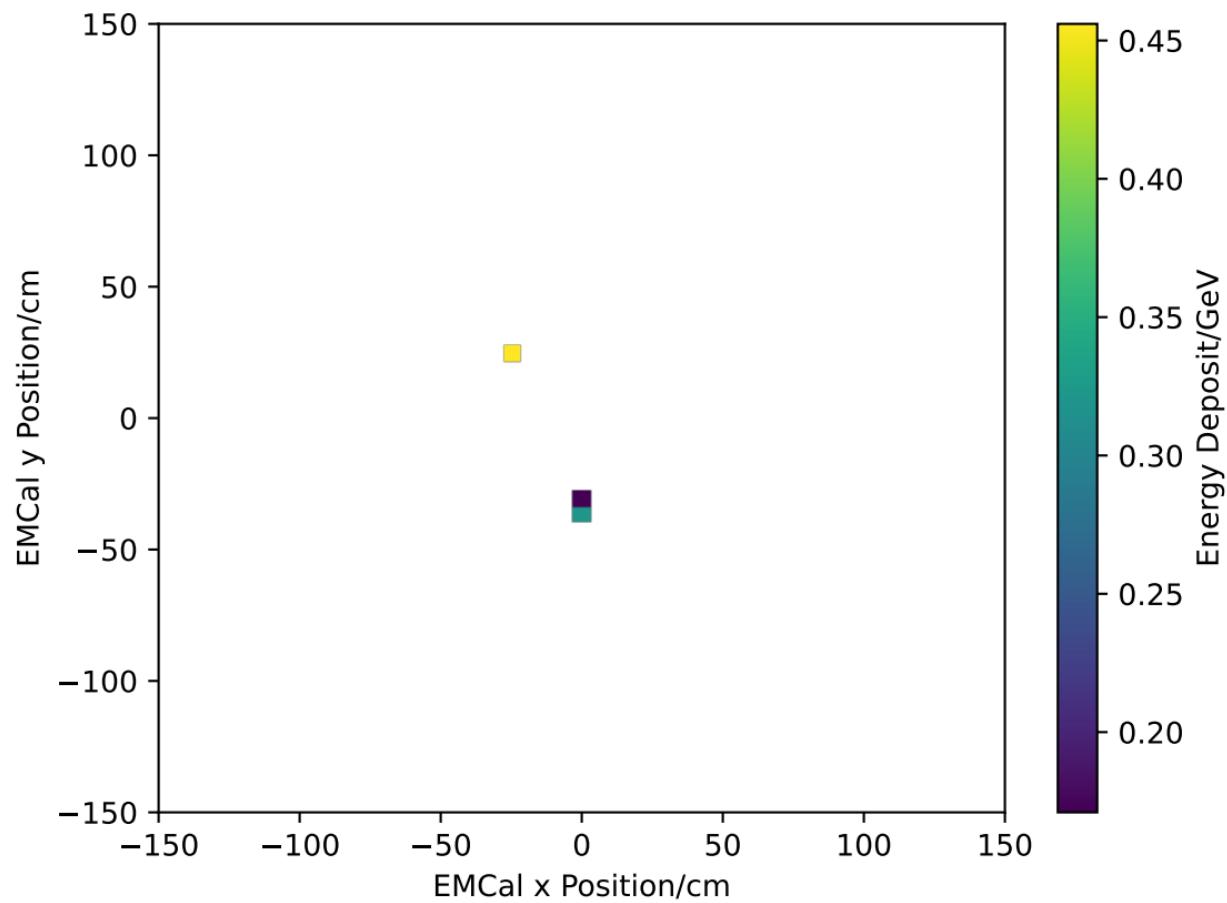
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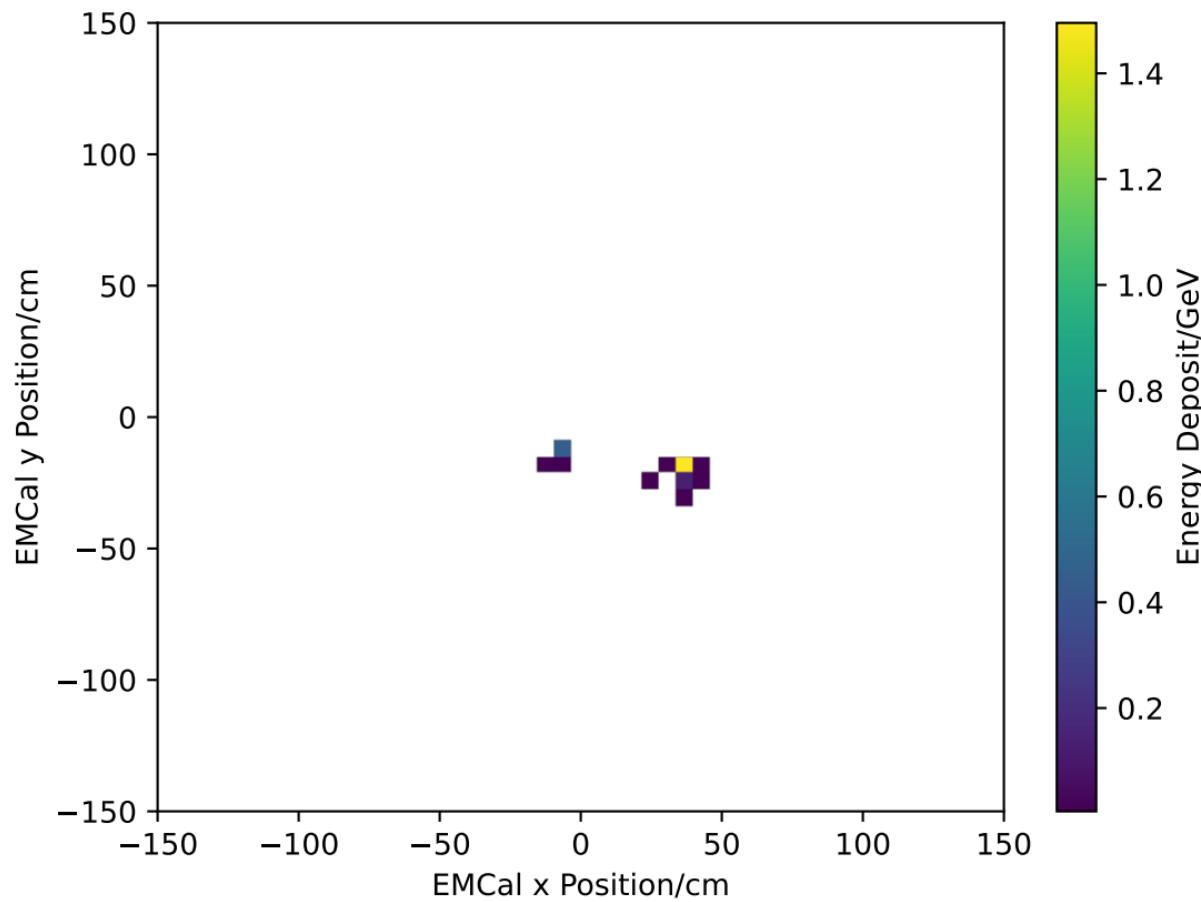


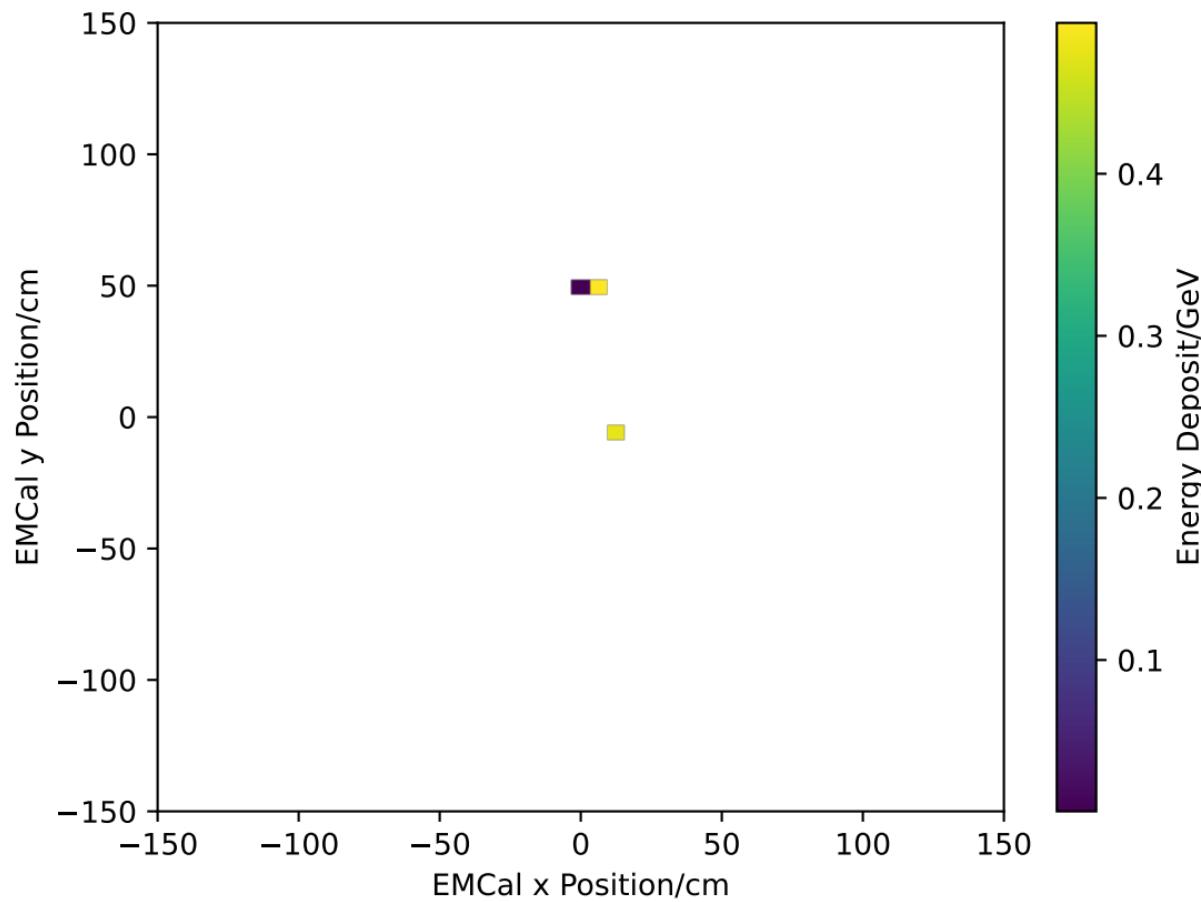












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm

Energy Deposit/GeV

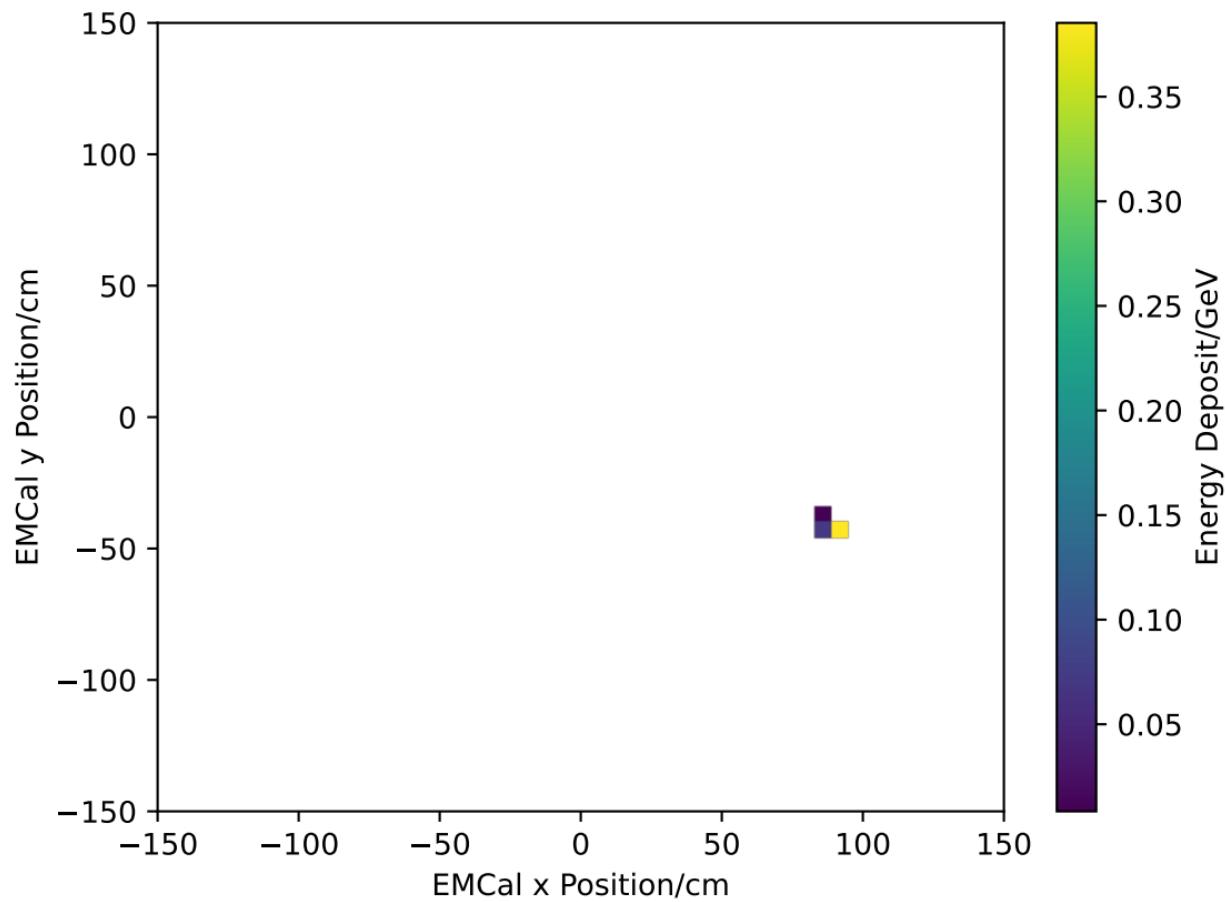
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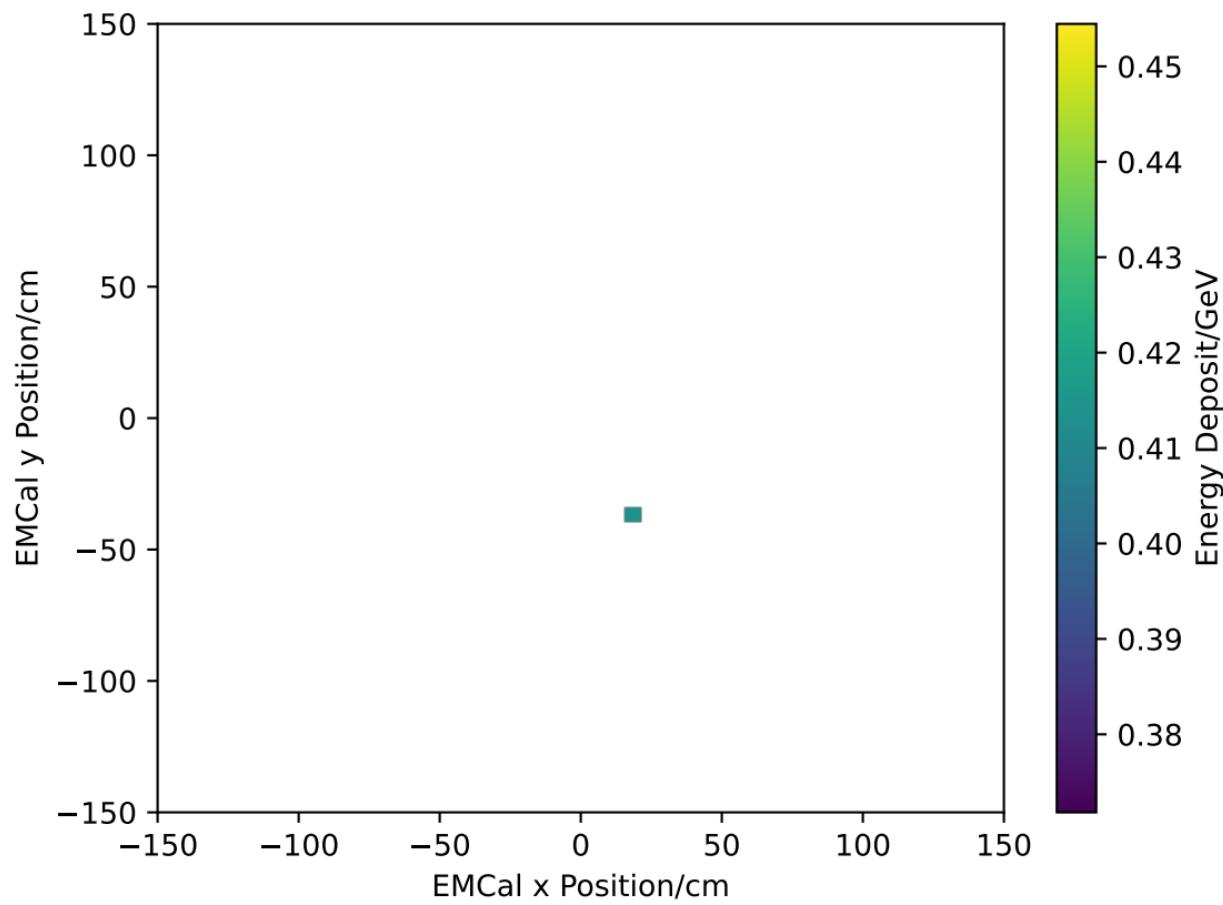
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0.20

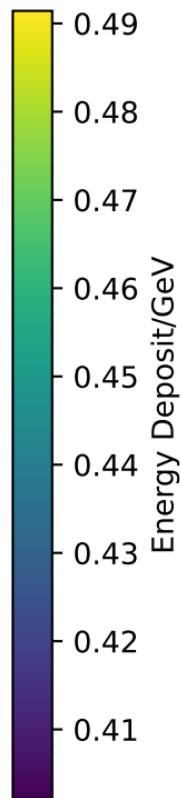
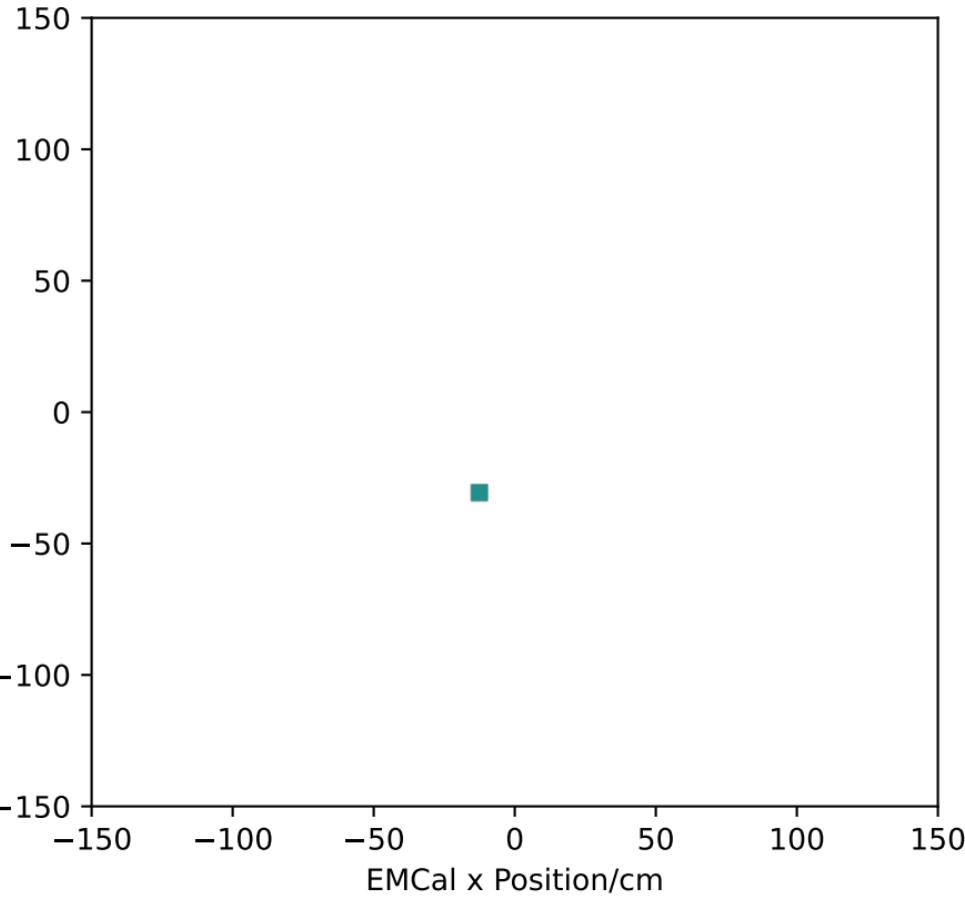
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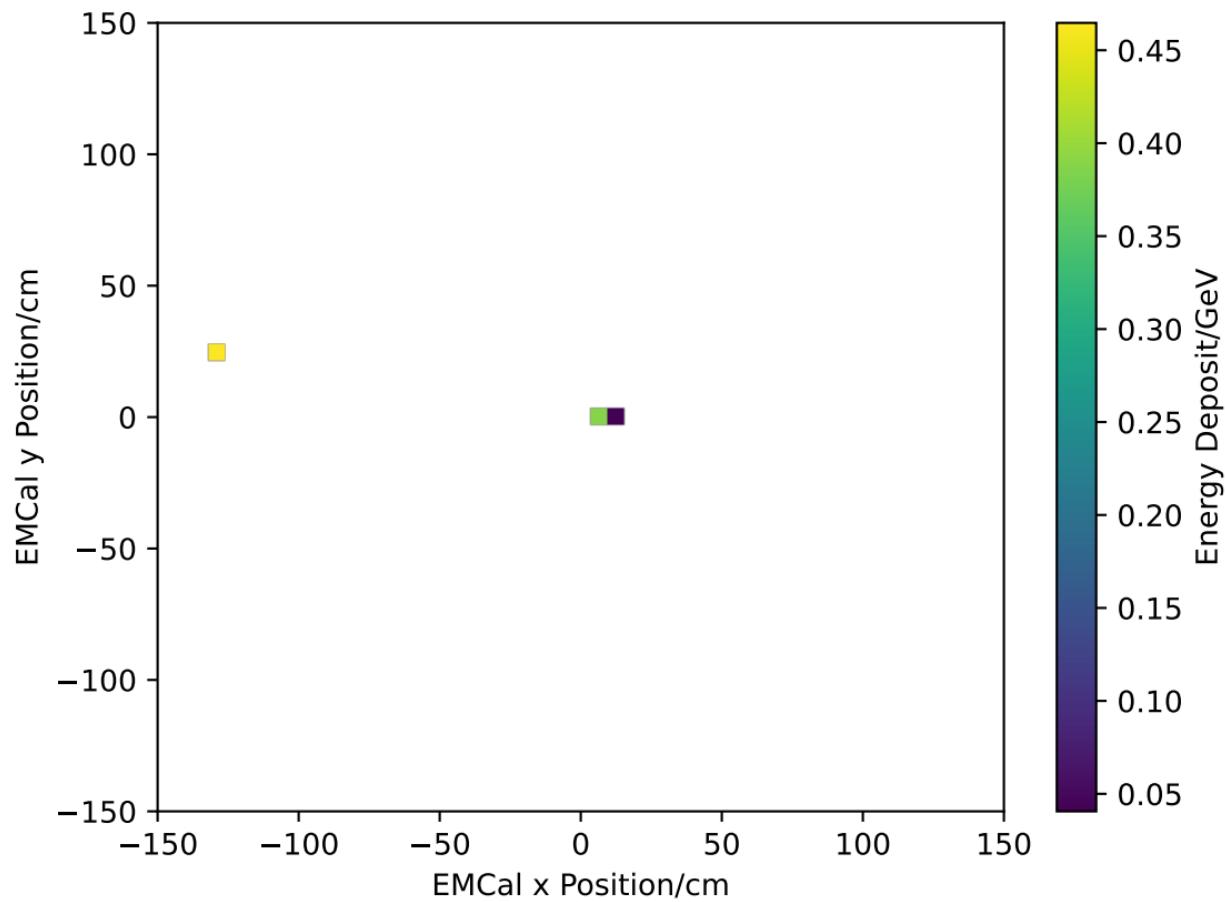


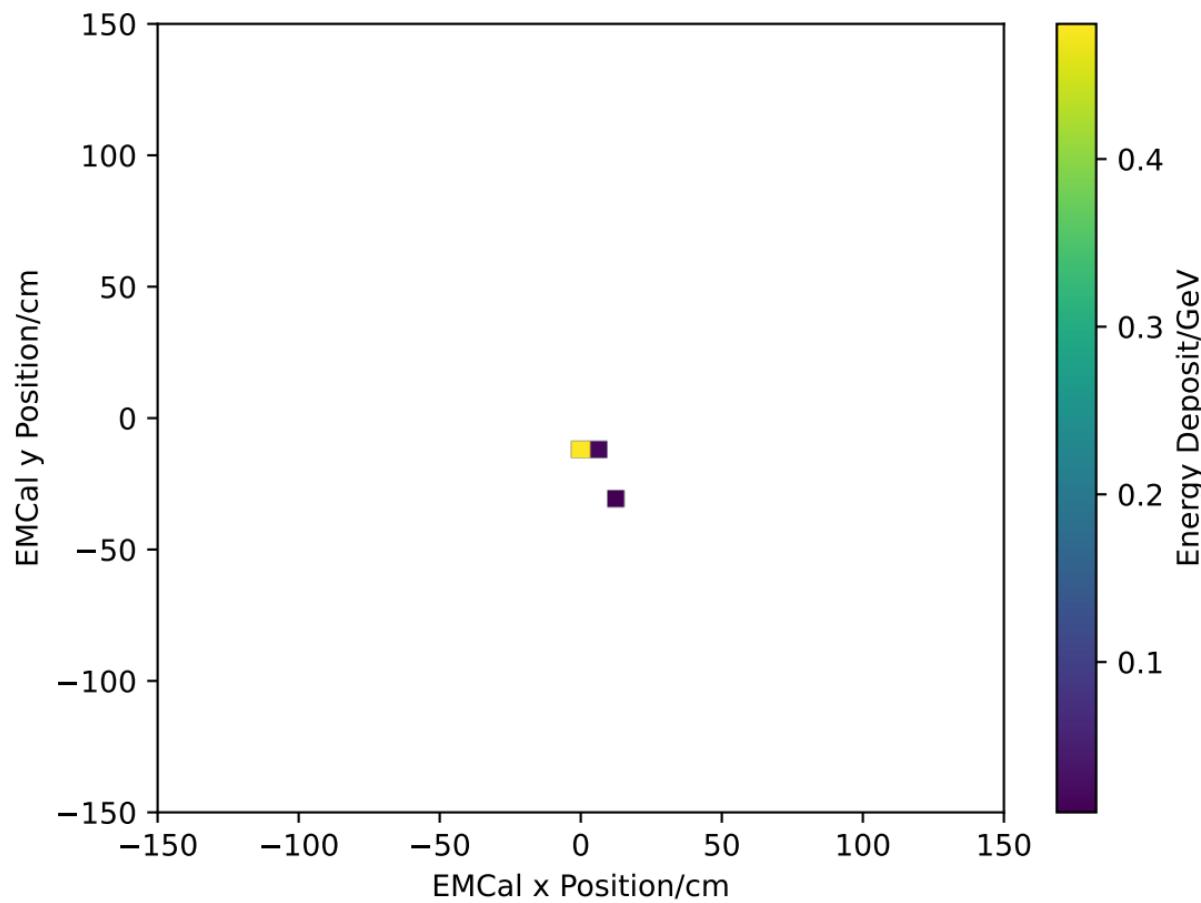


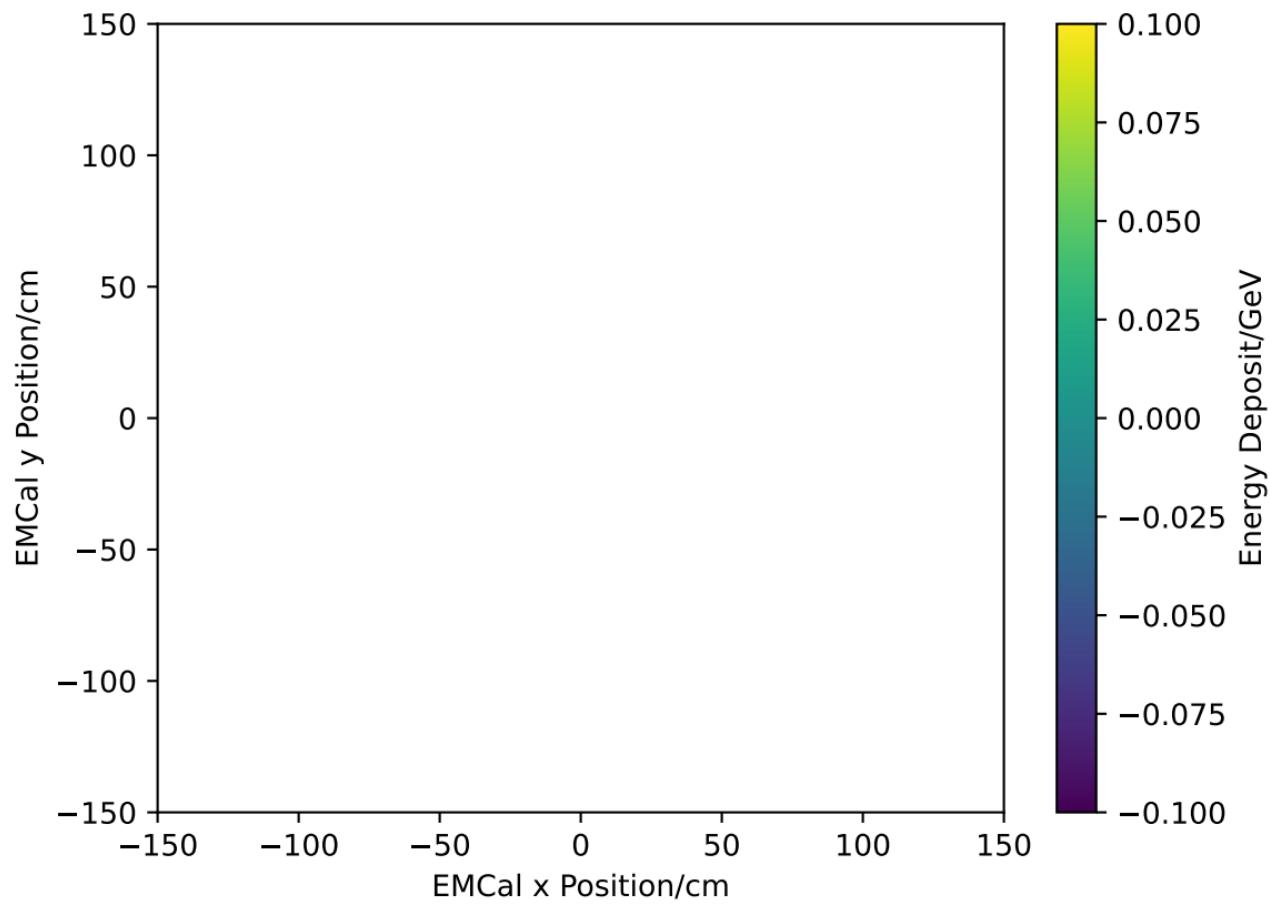


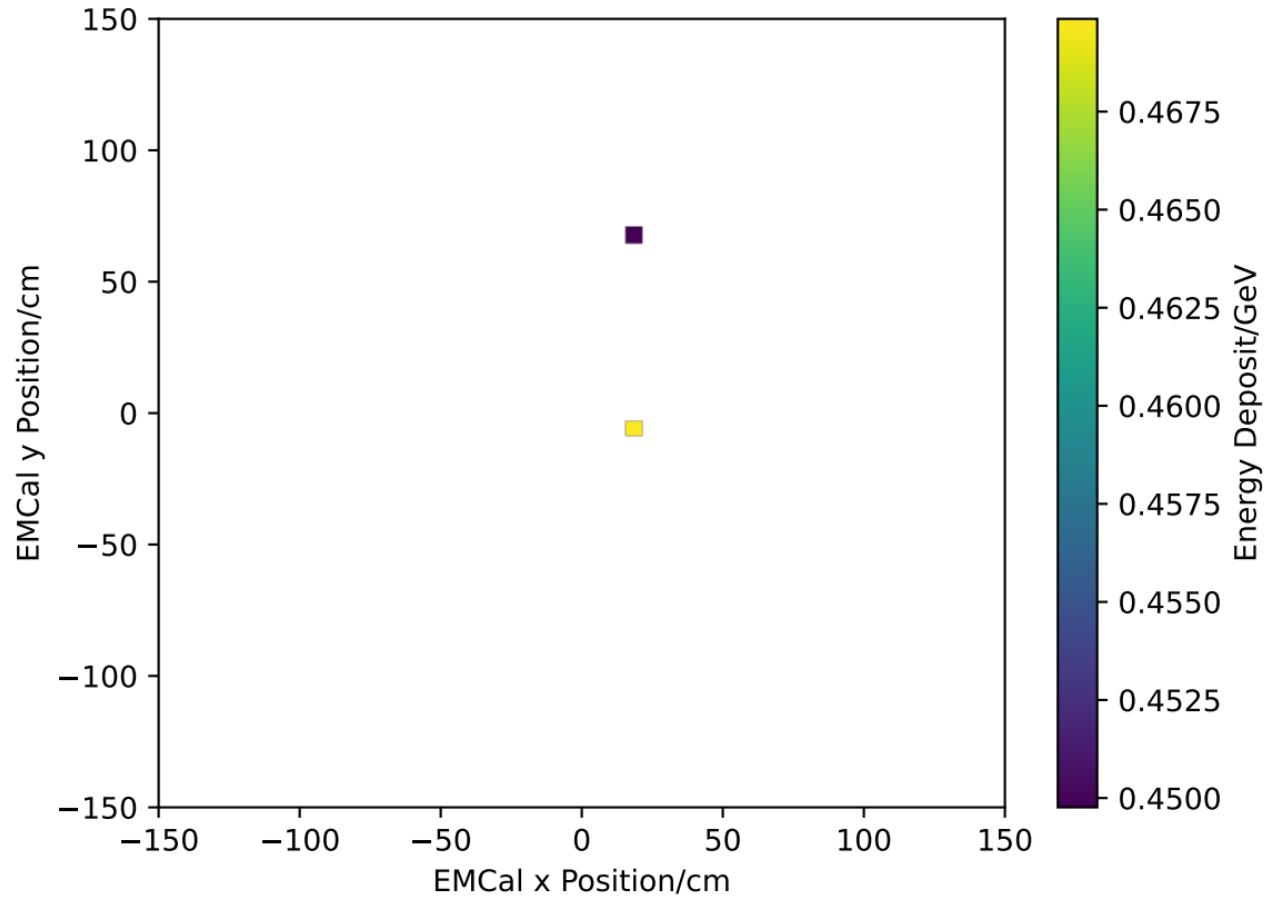
EMCal y Position/cm

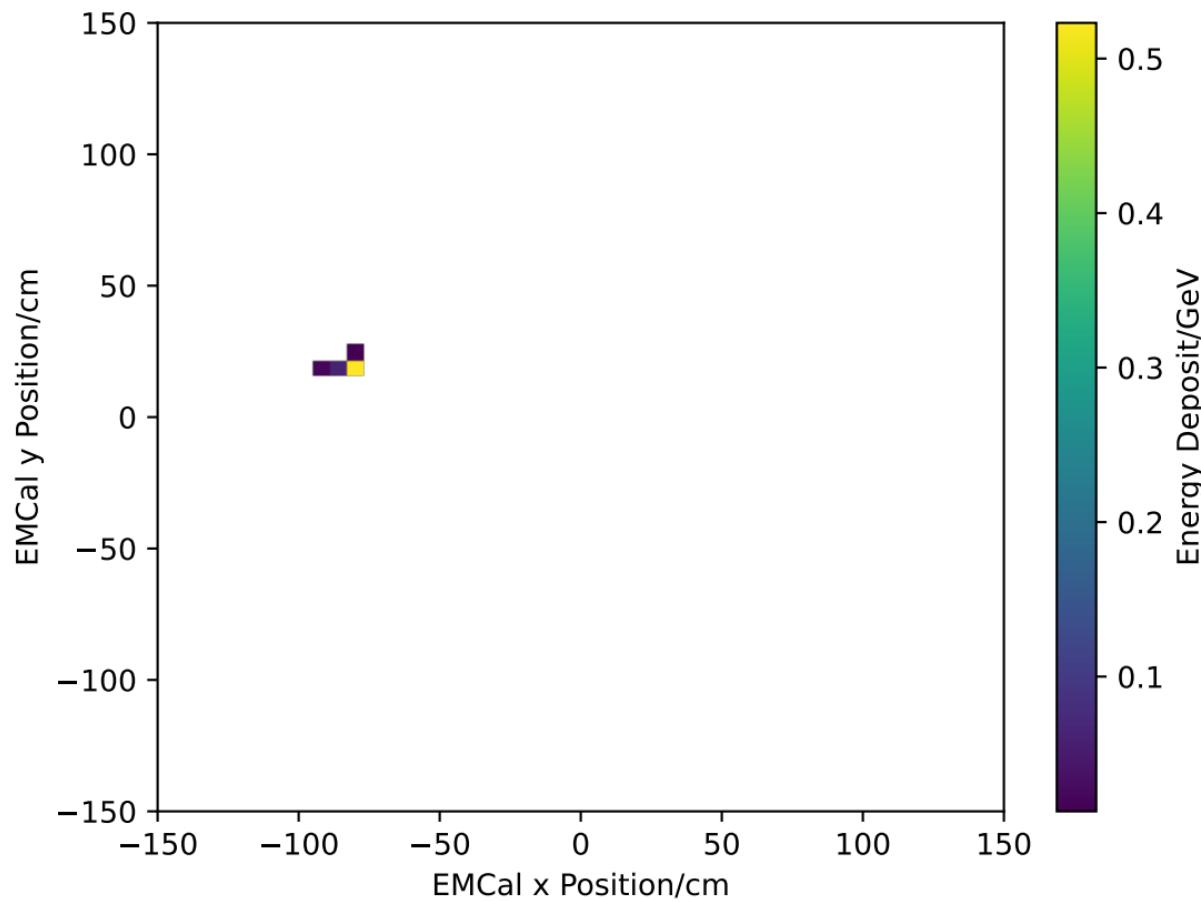


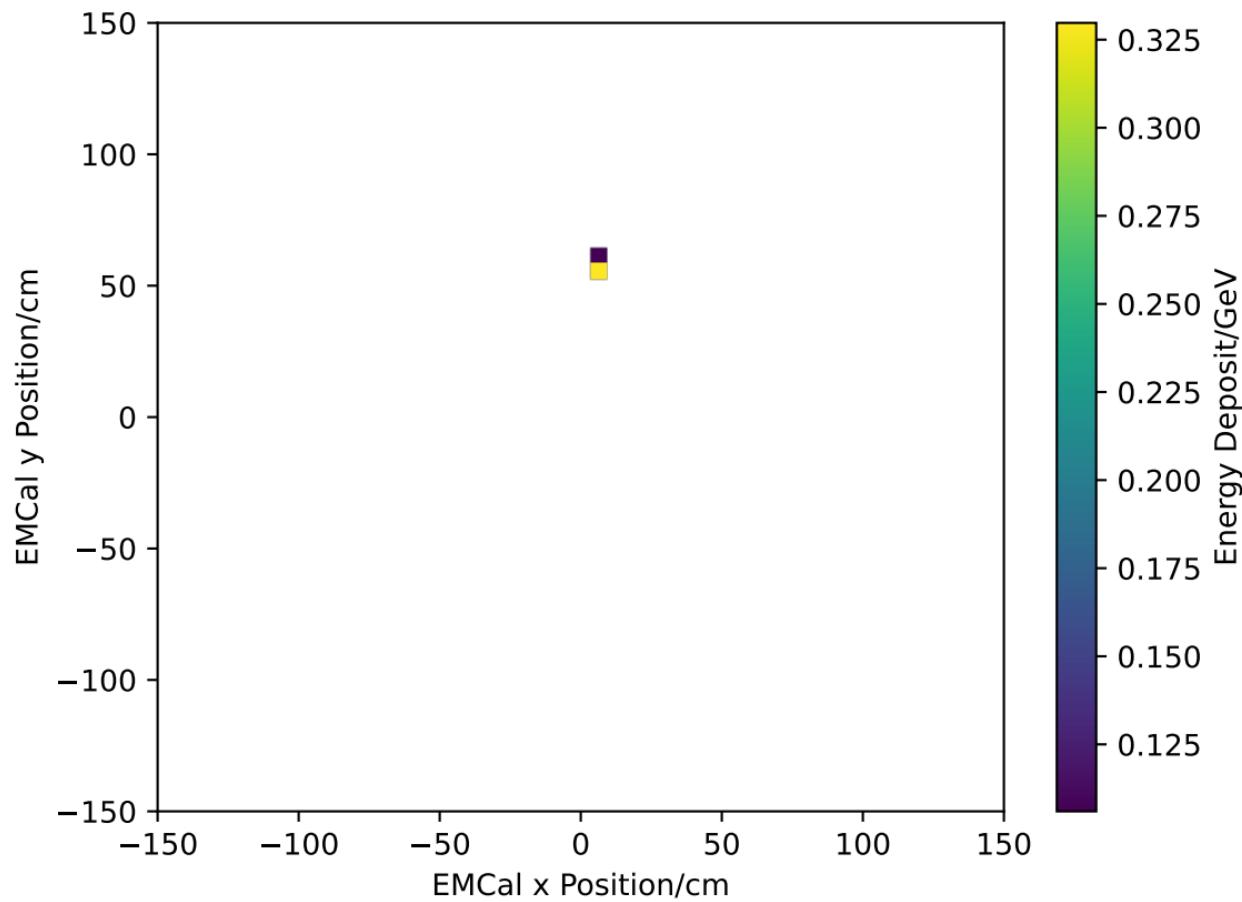


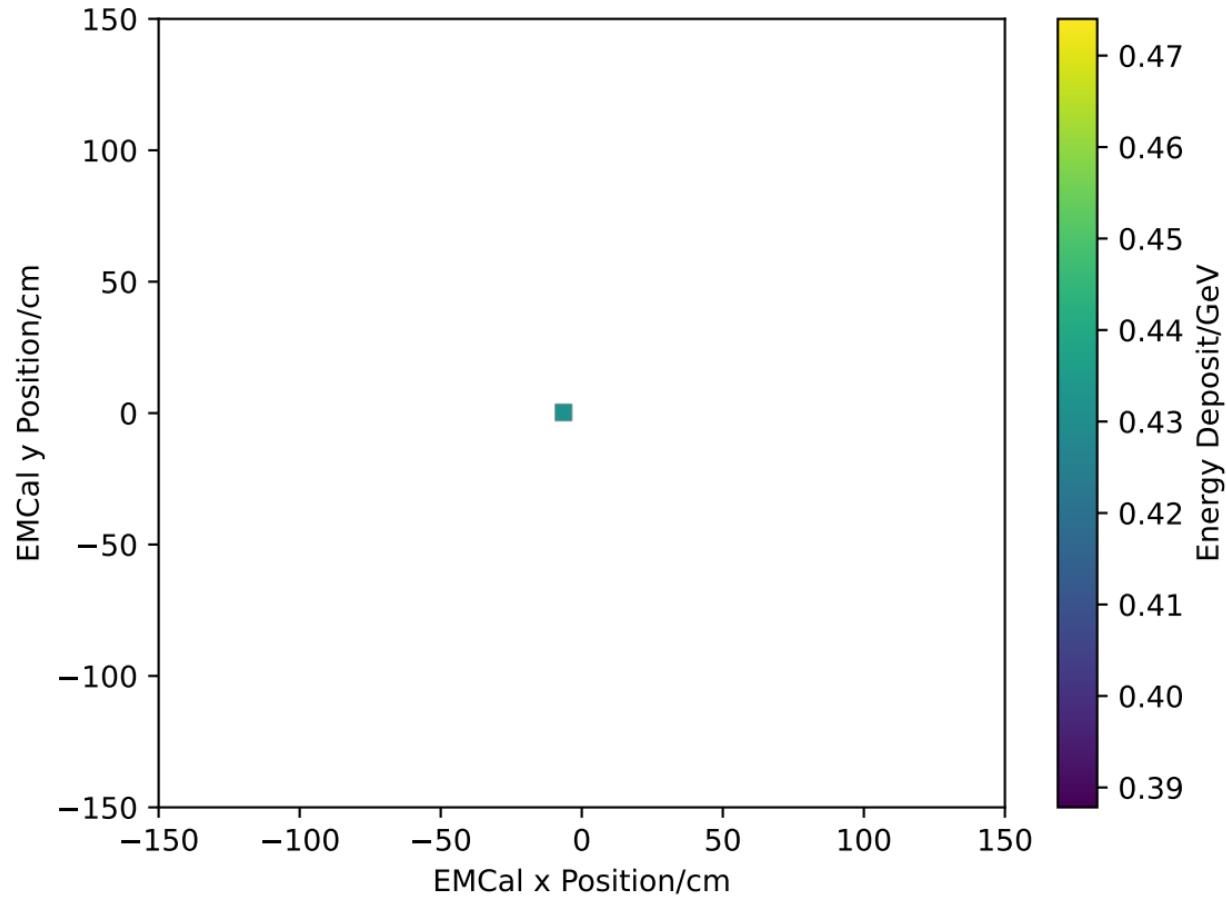


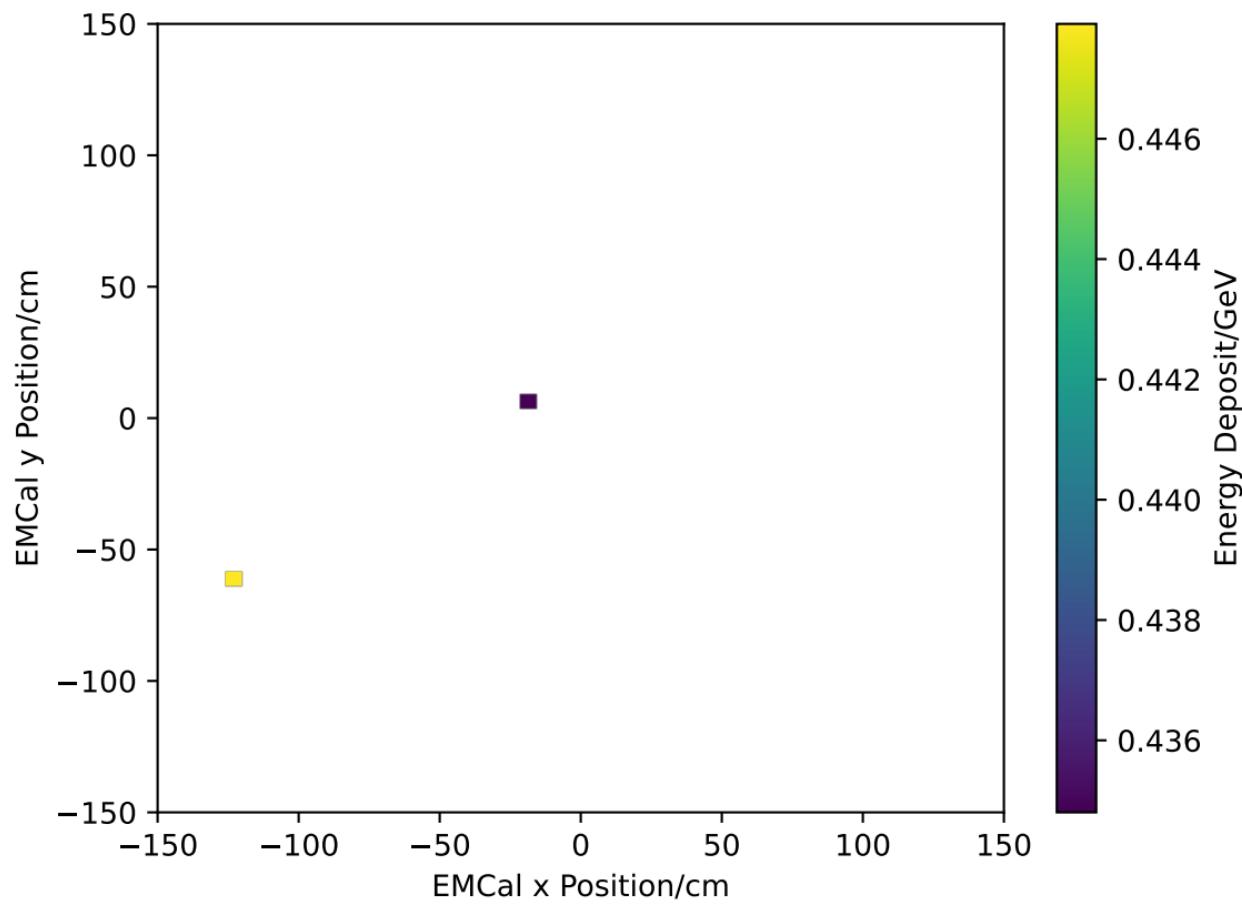


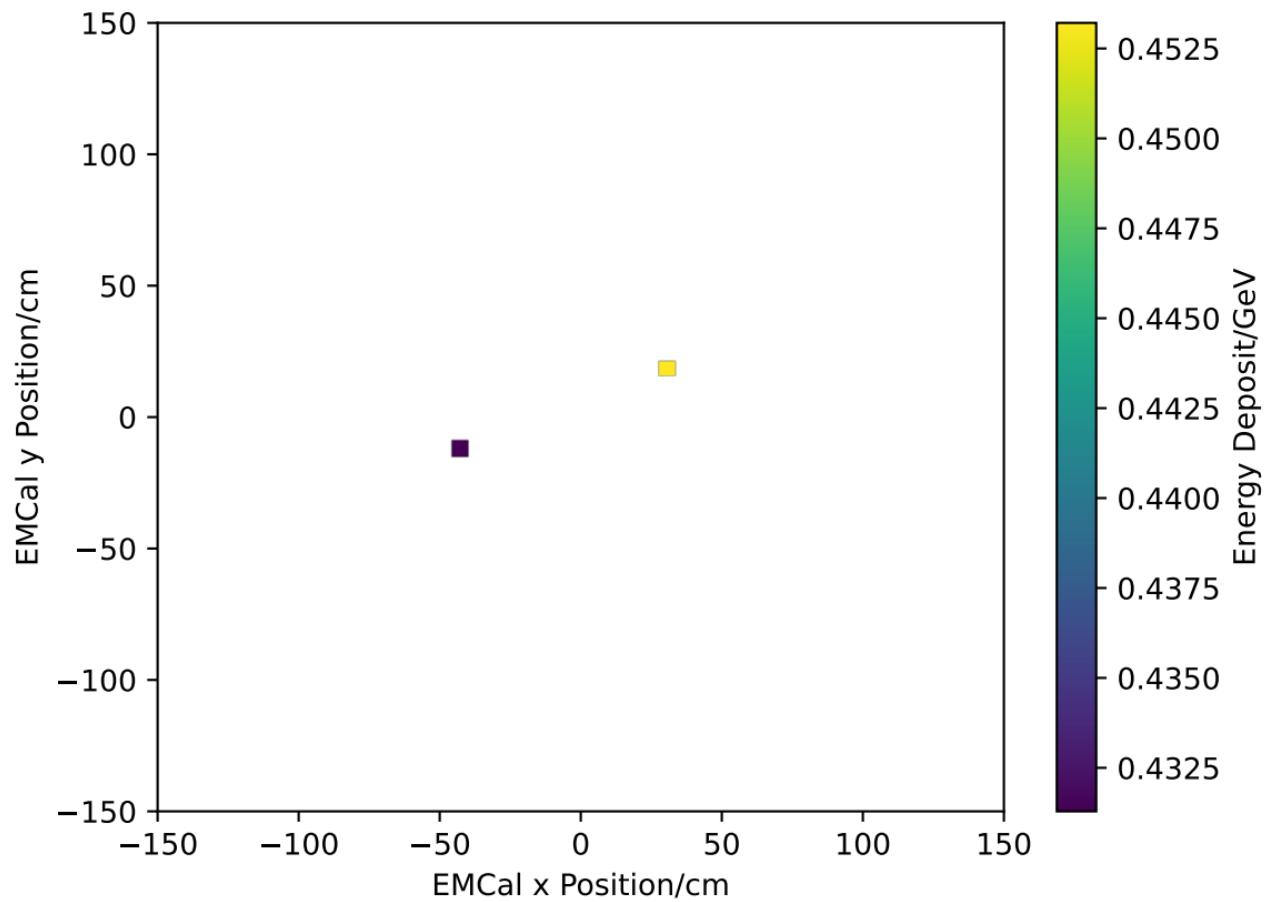


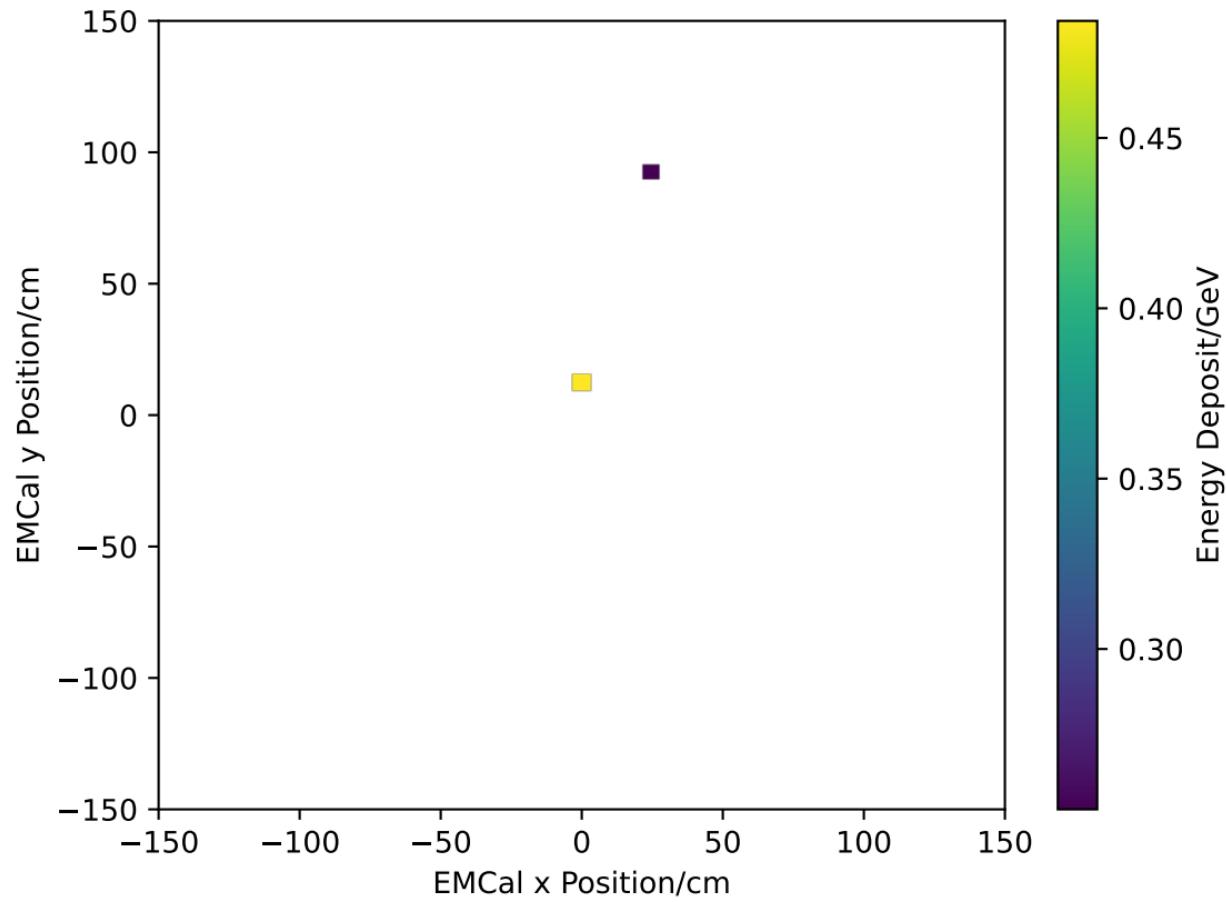


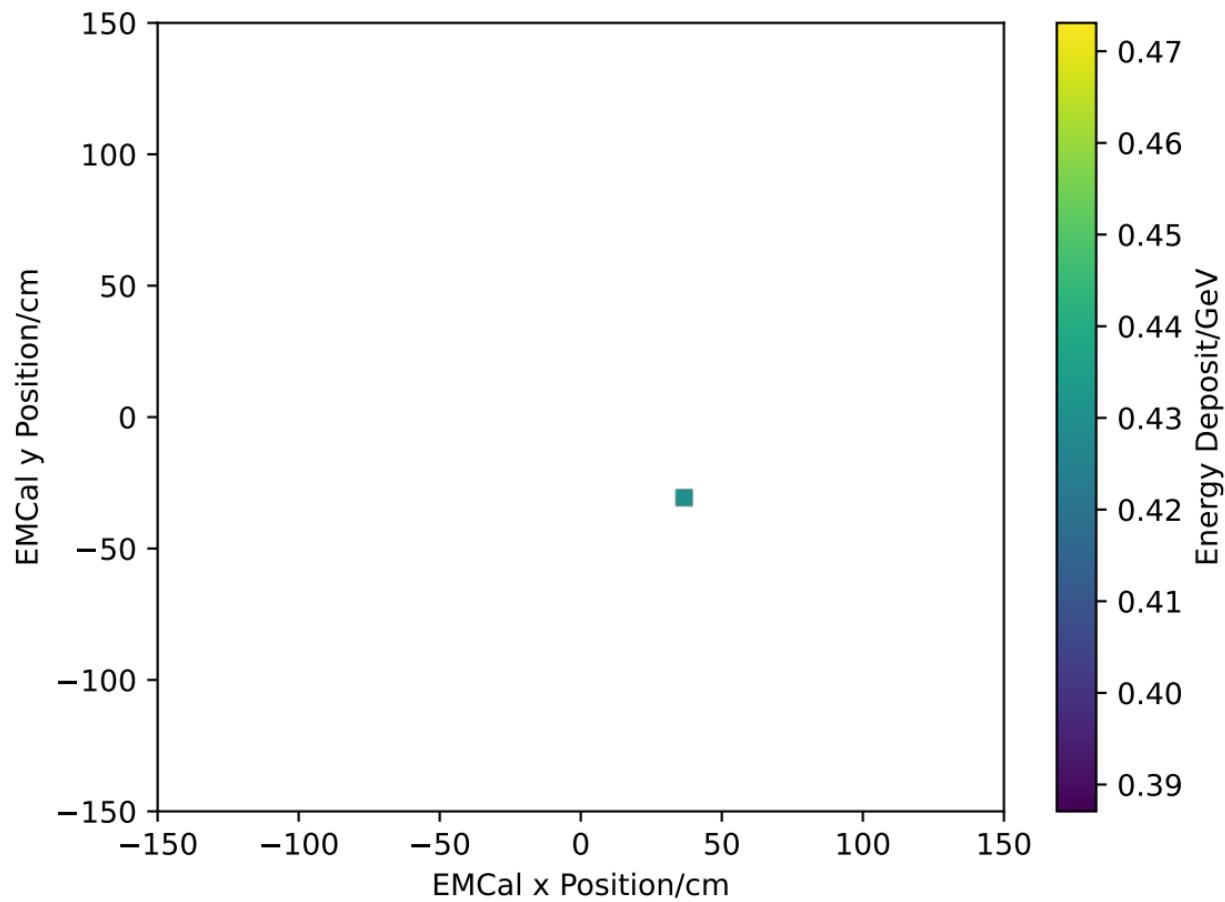


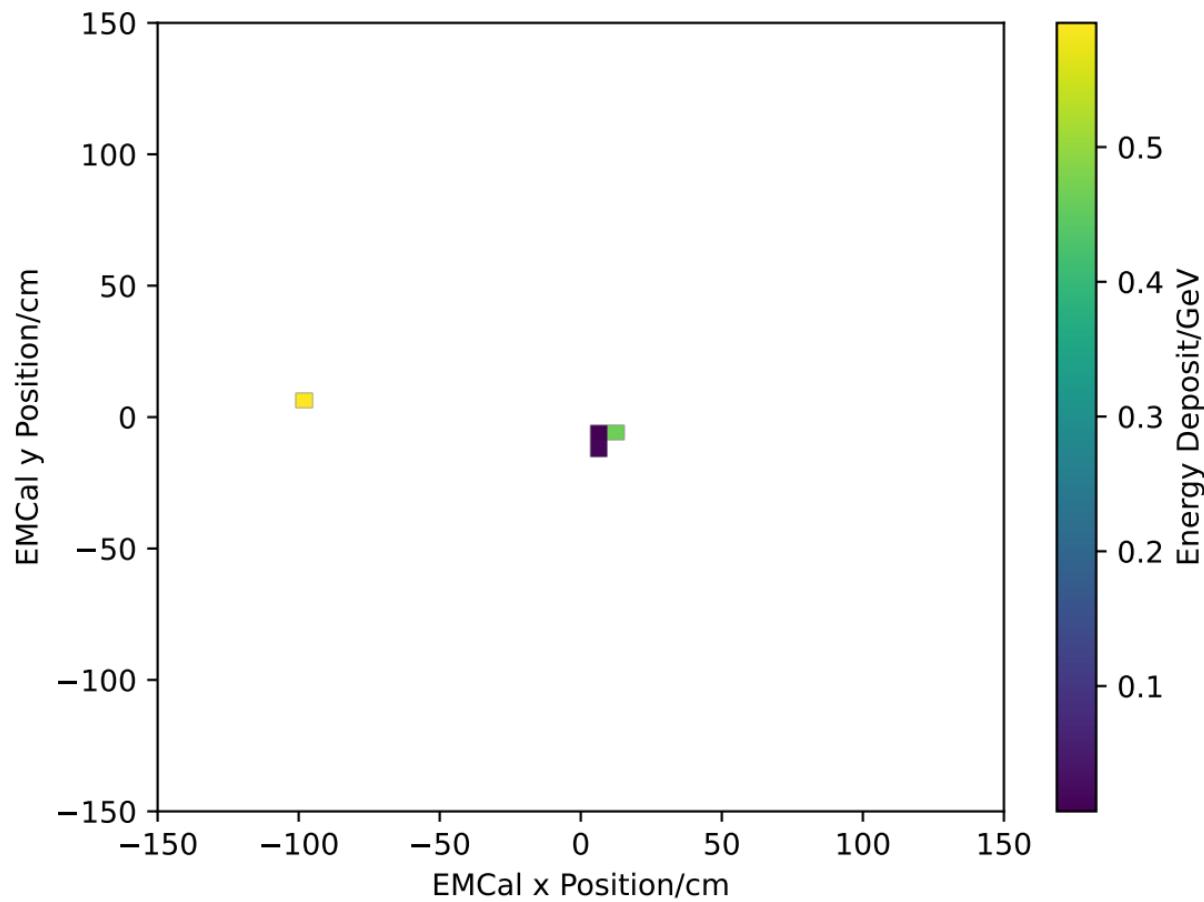


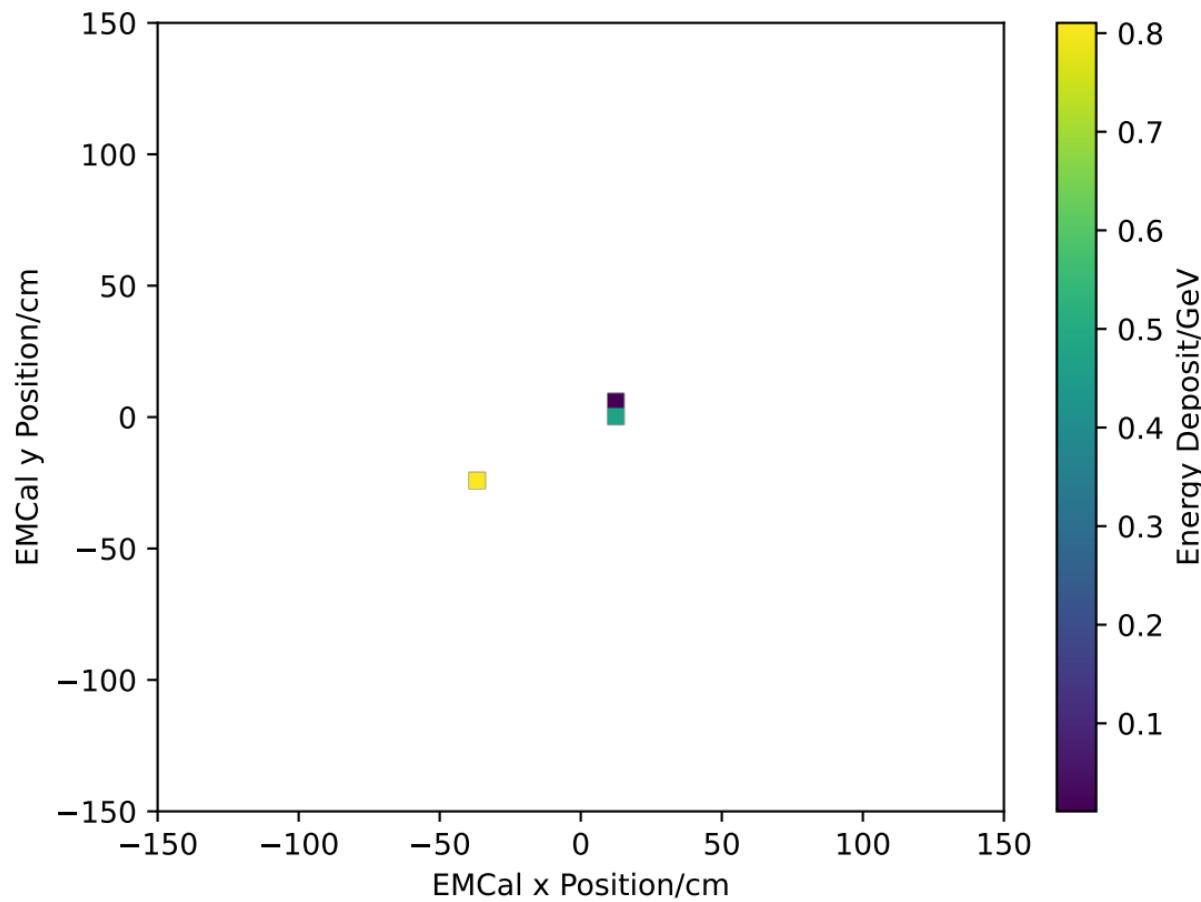




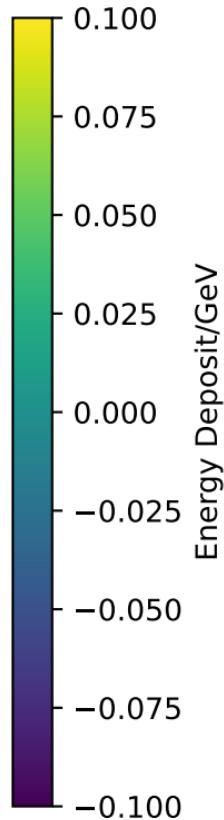
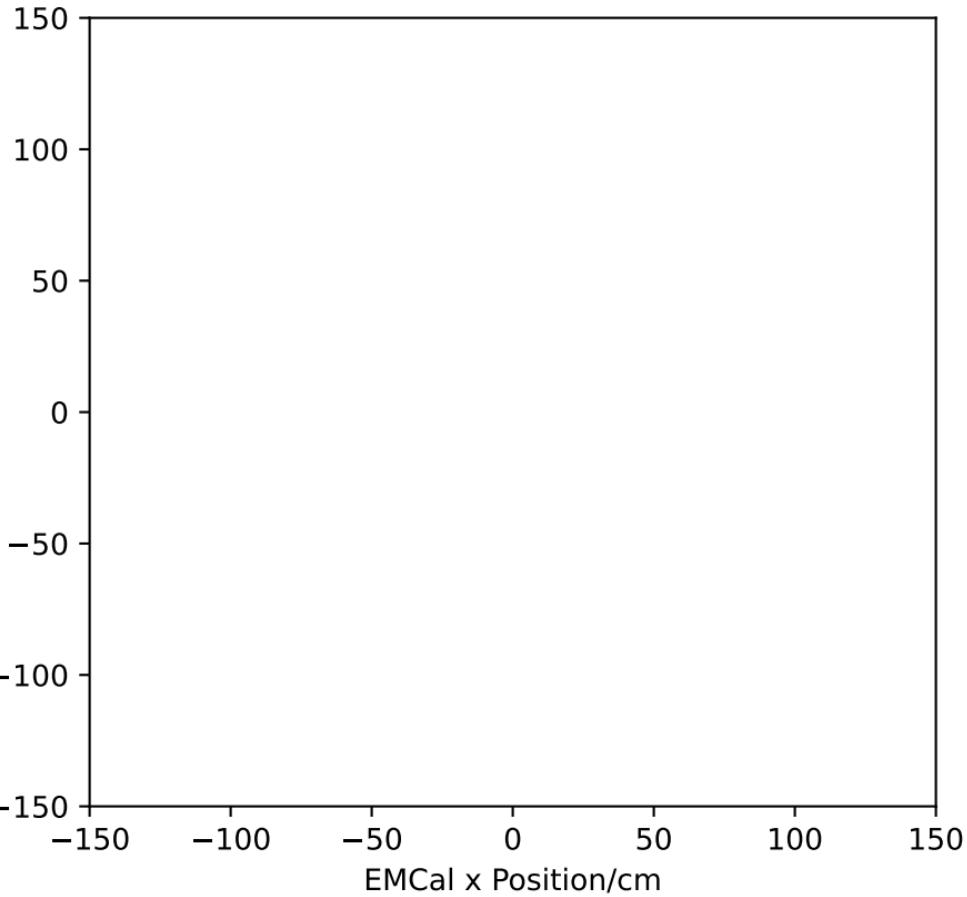


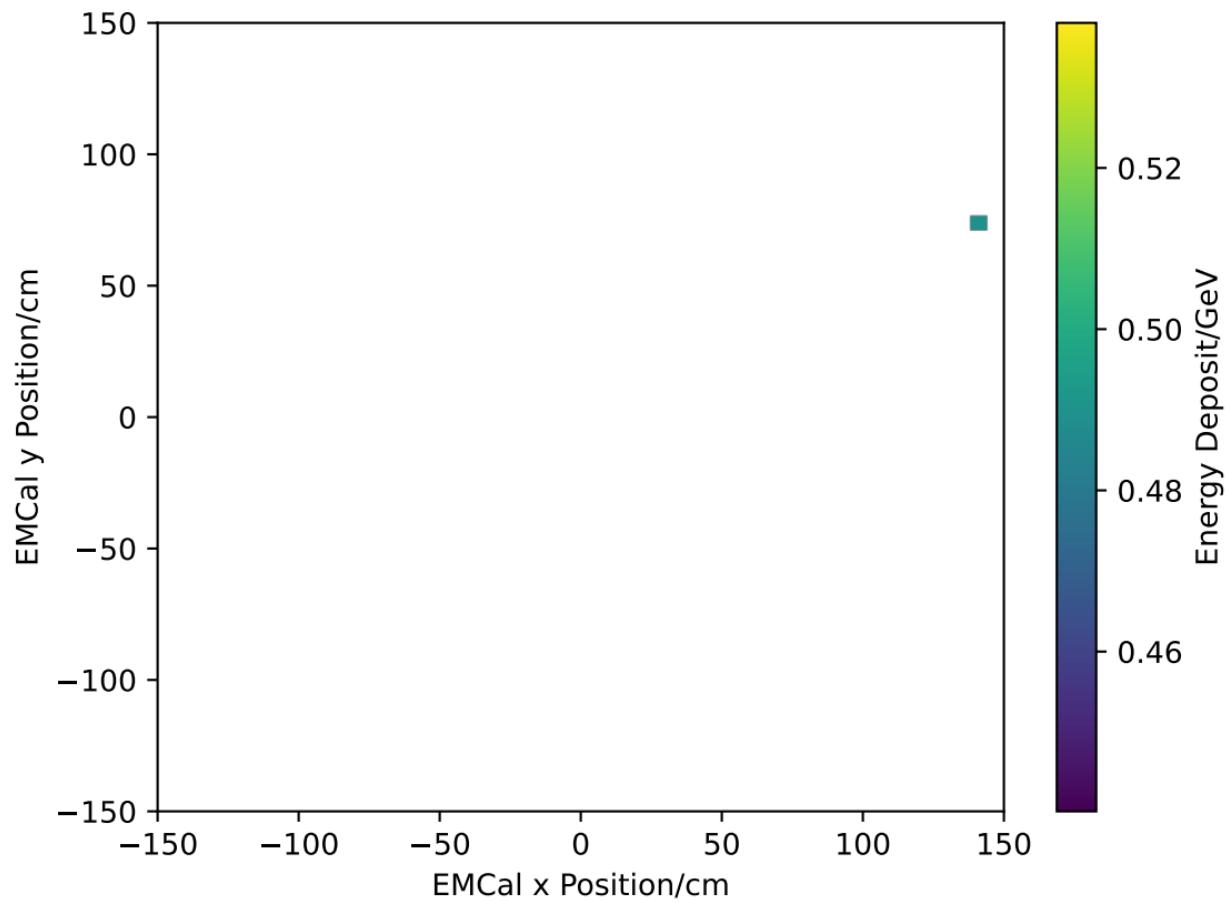




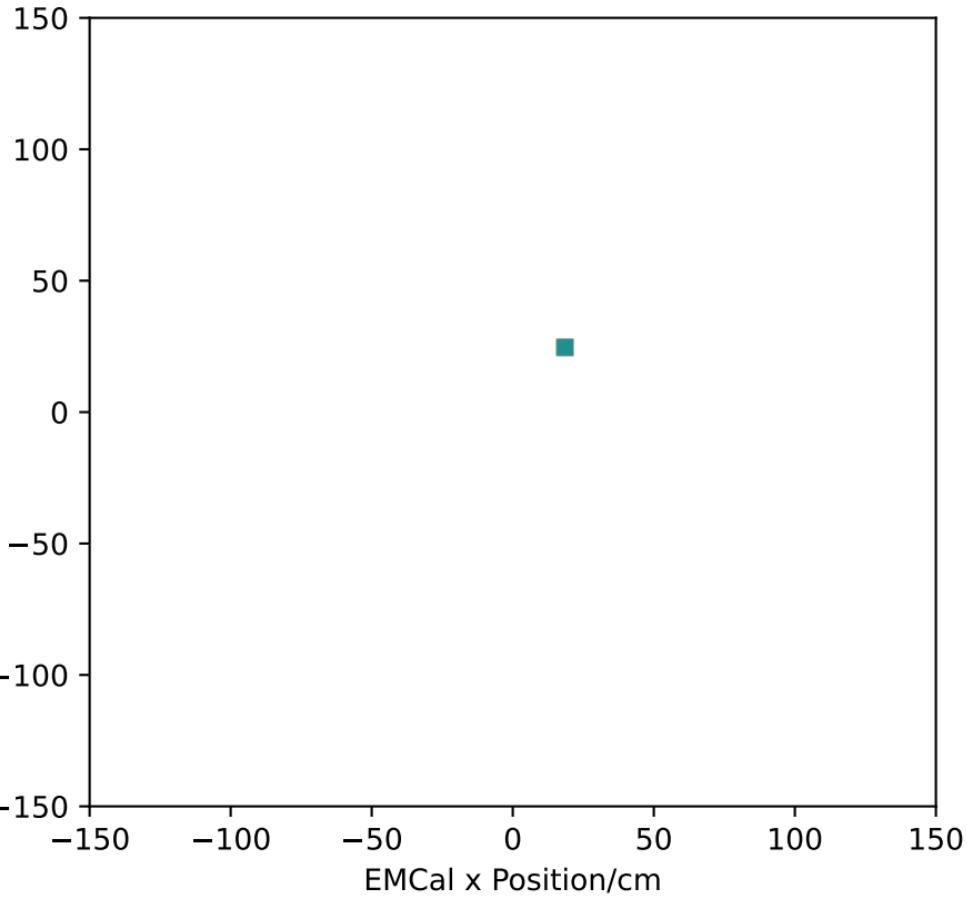


EMCal y Position/cm

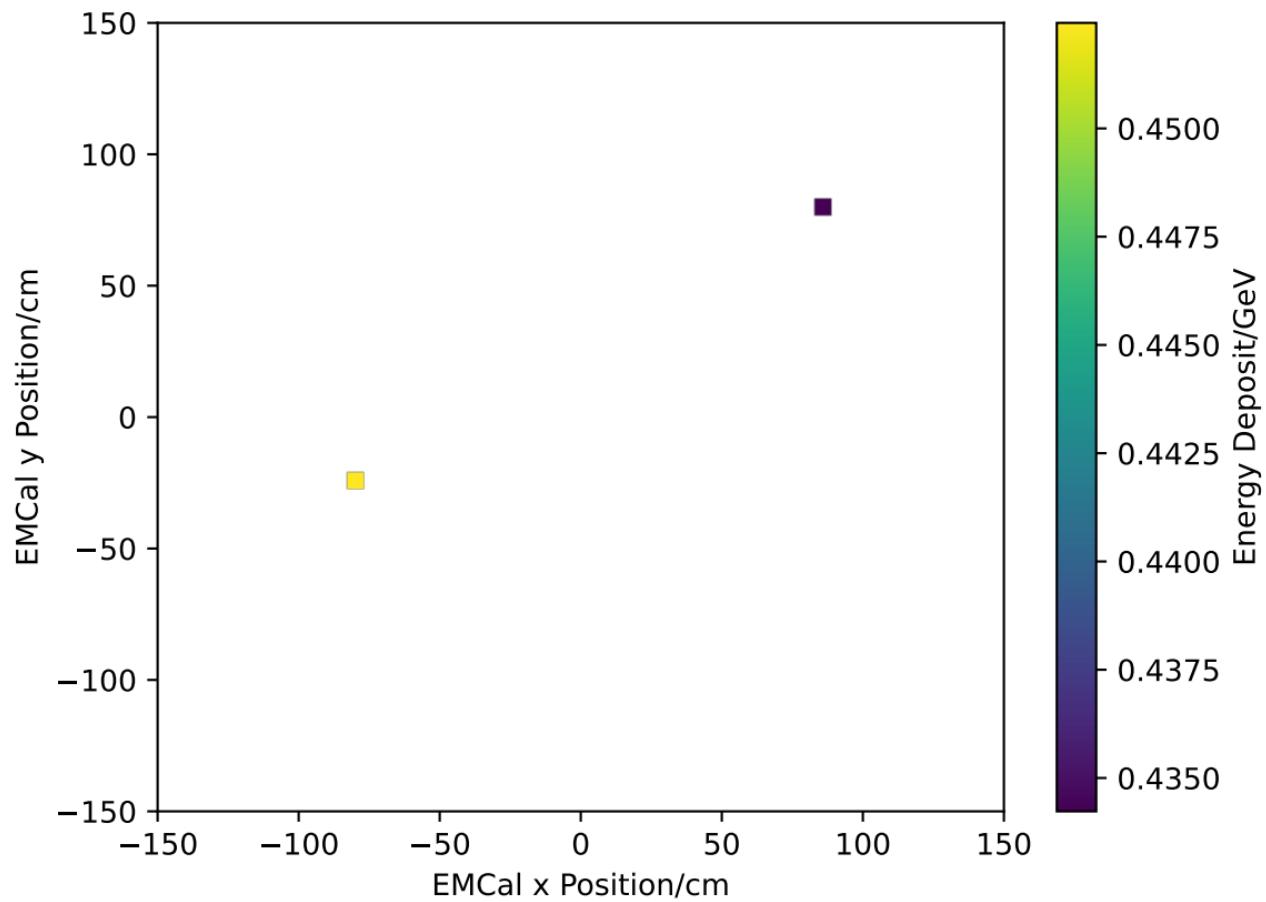


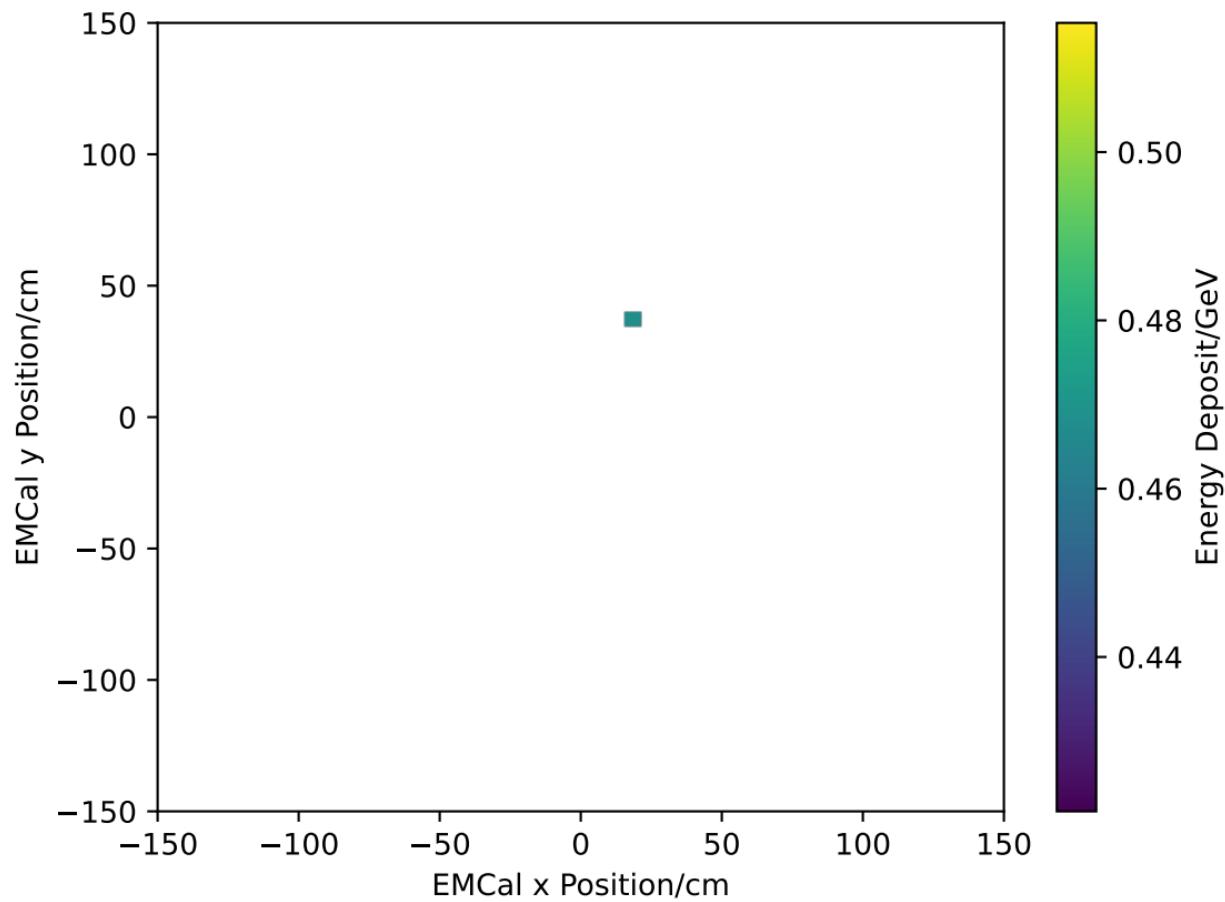


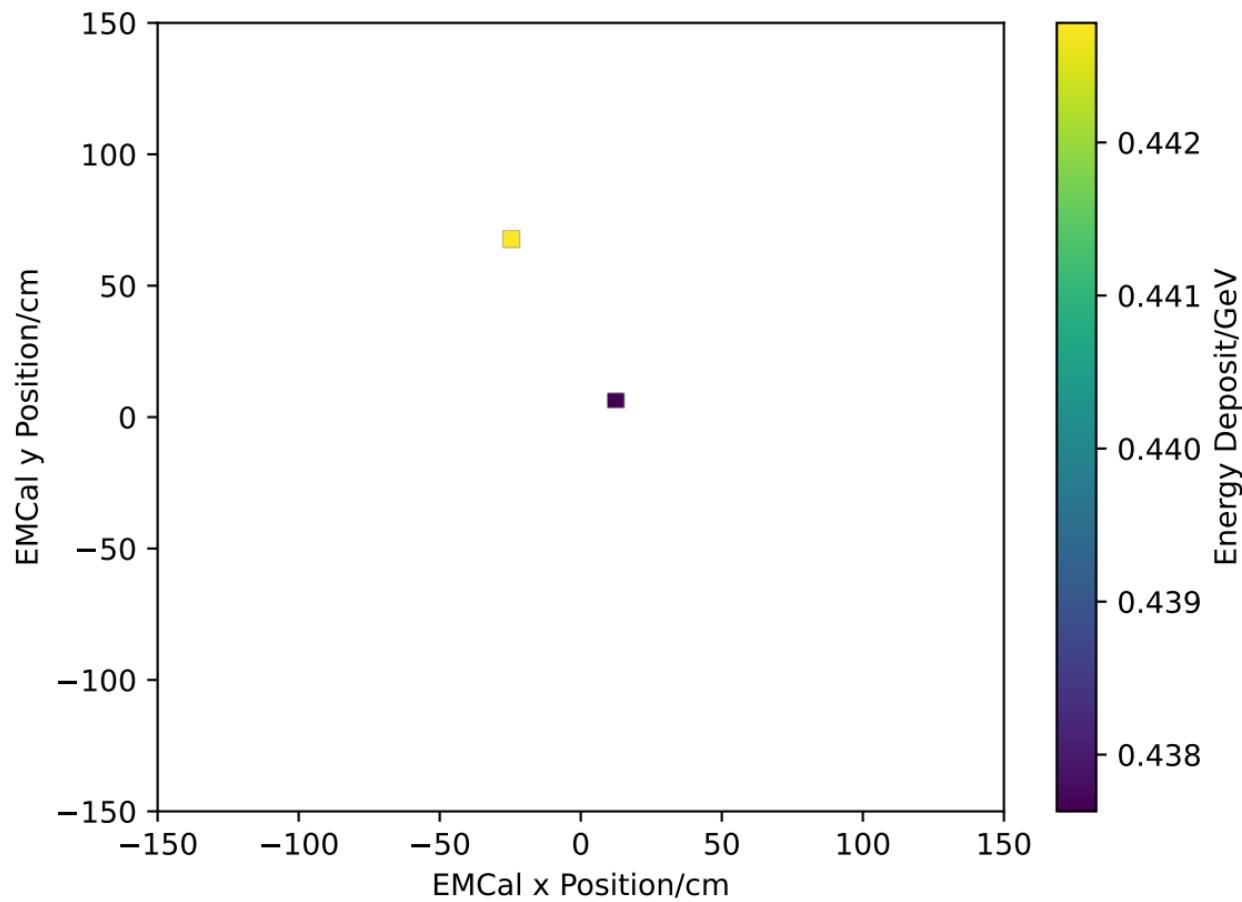
EMCal y Position/cm

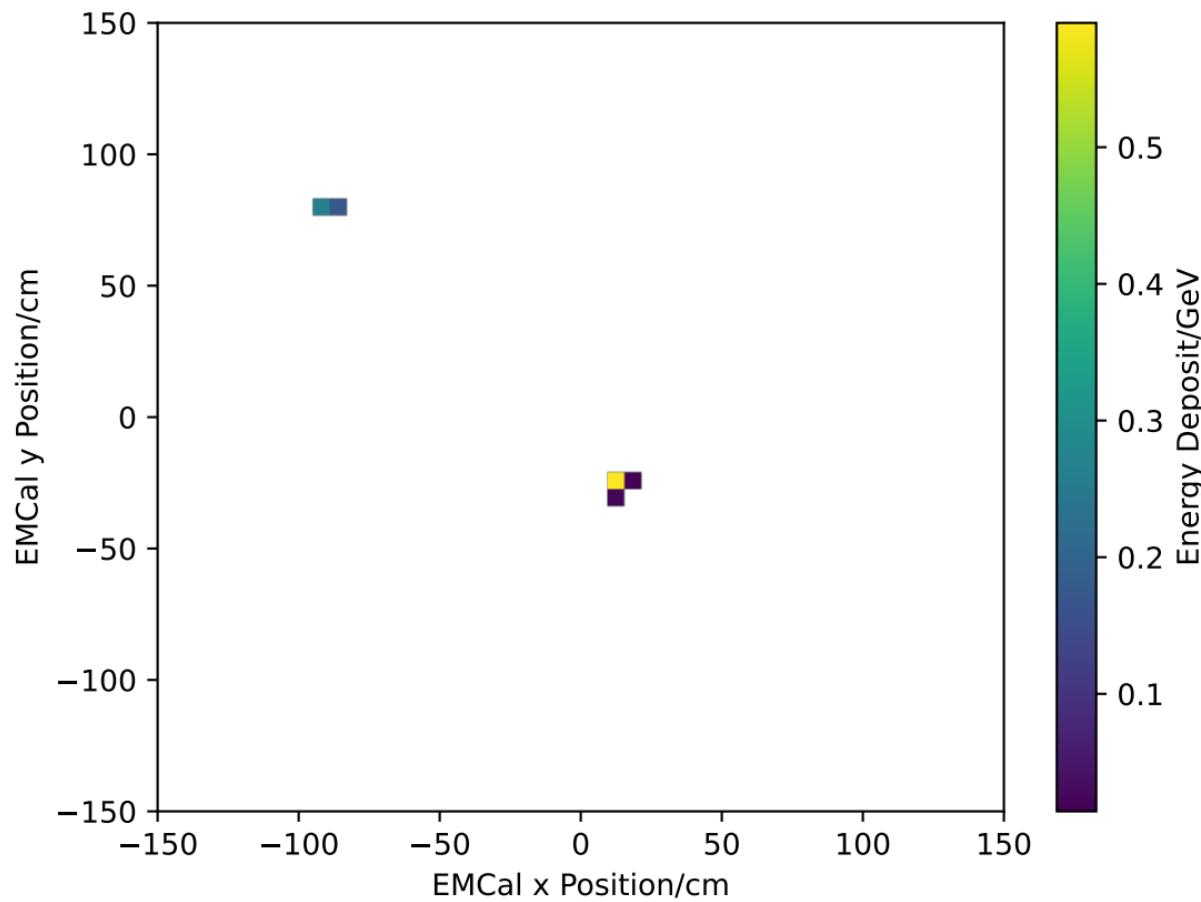


Energy Deposit/GeV

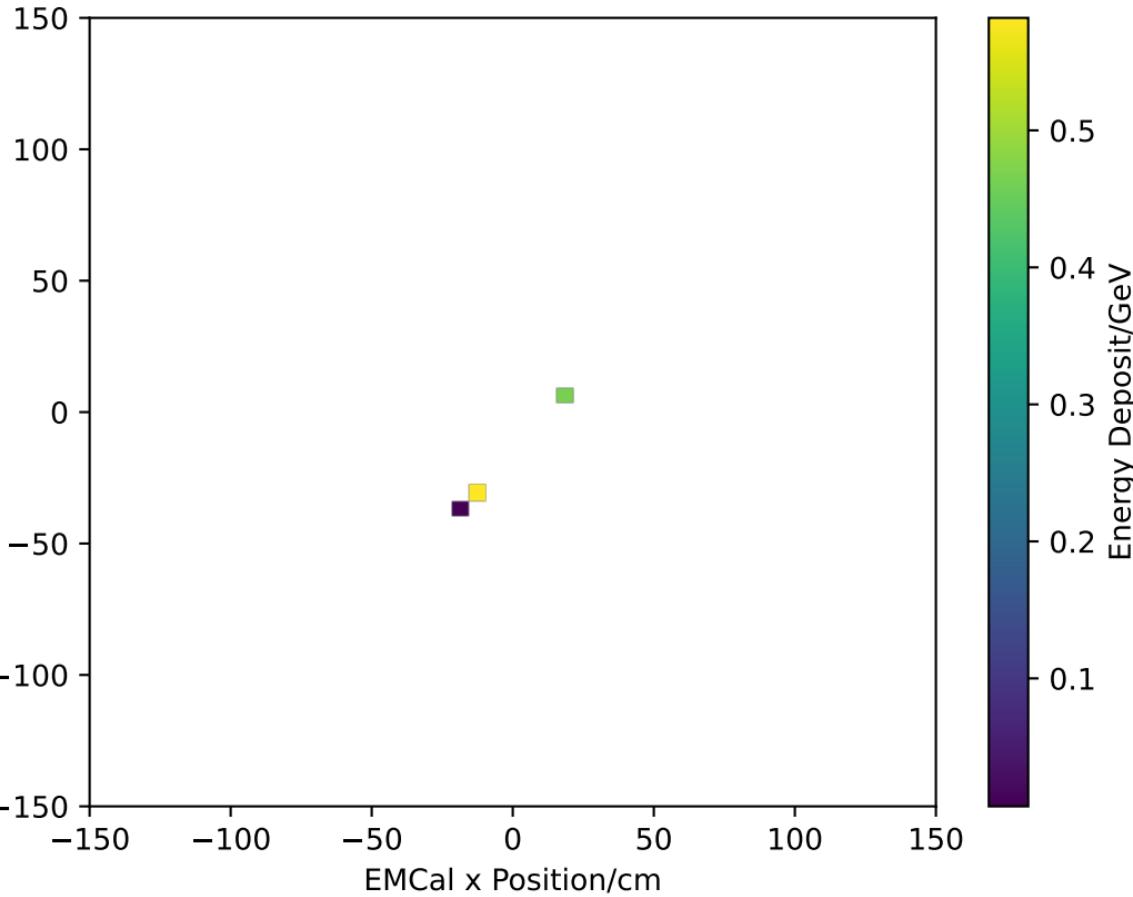


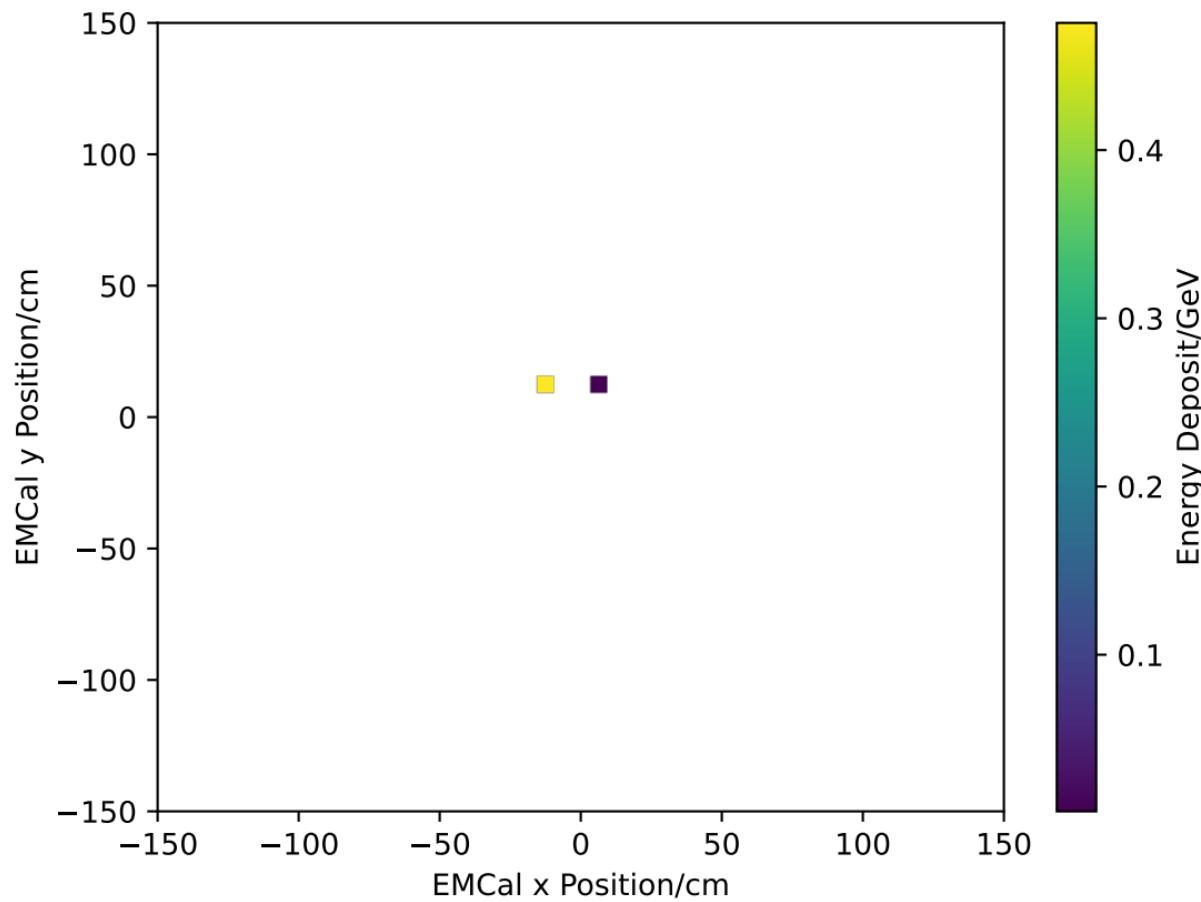


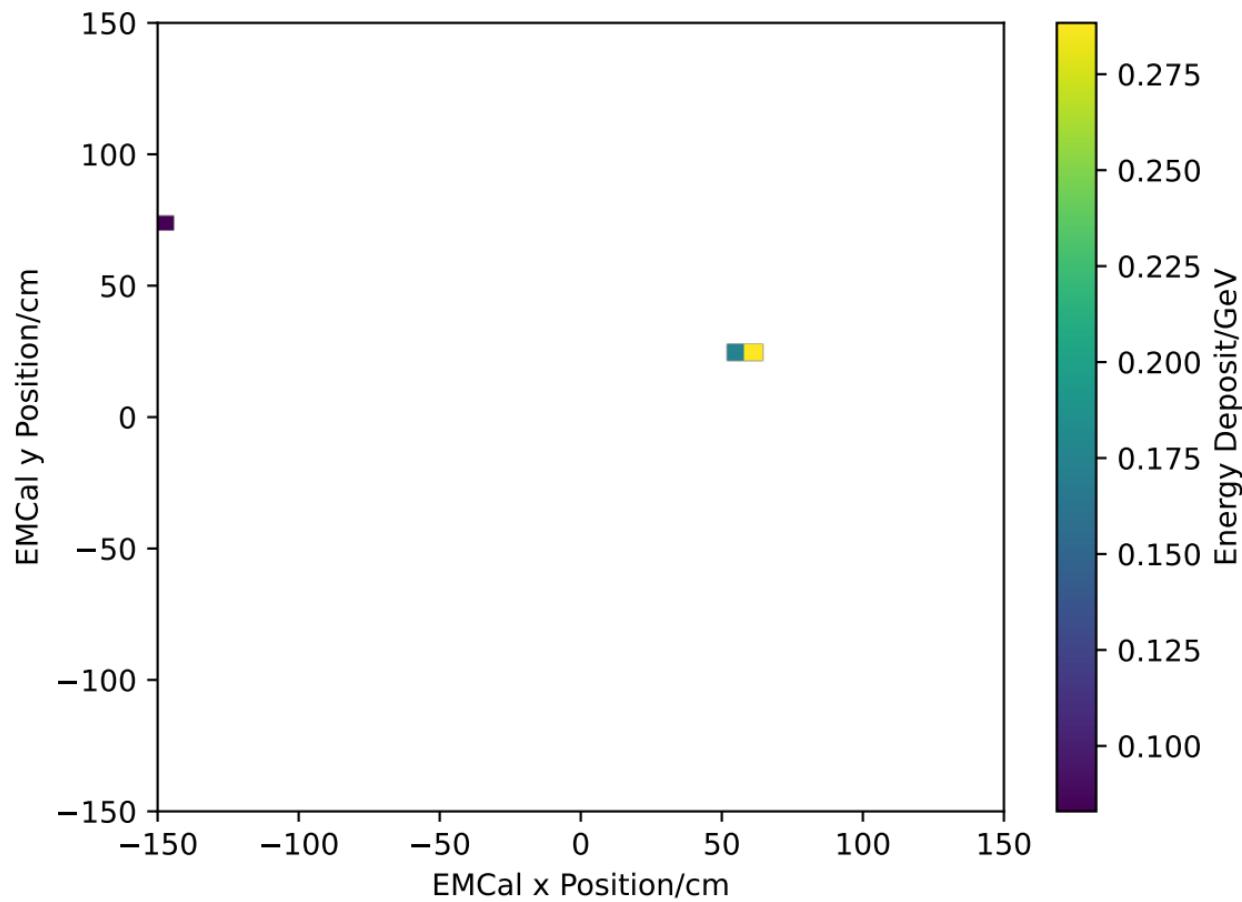


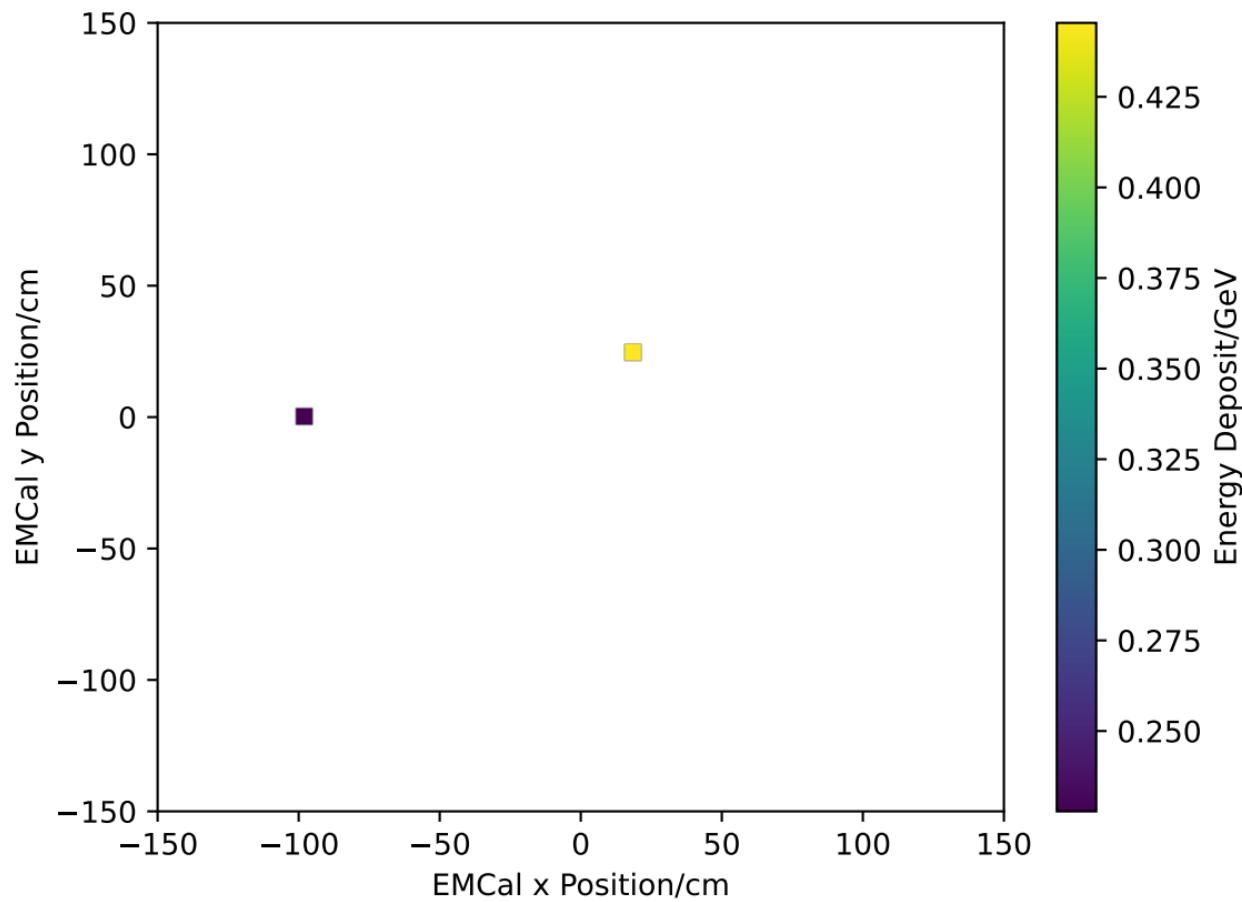


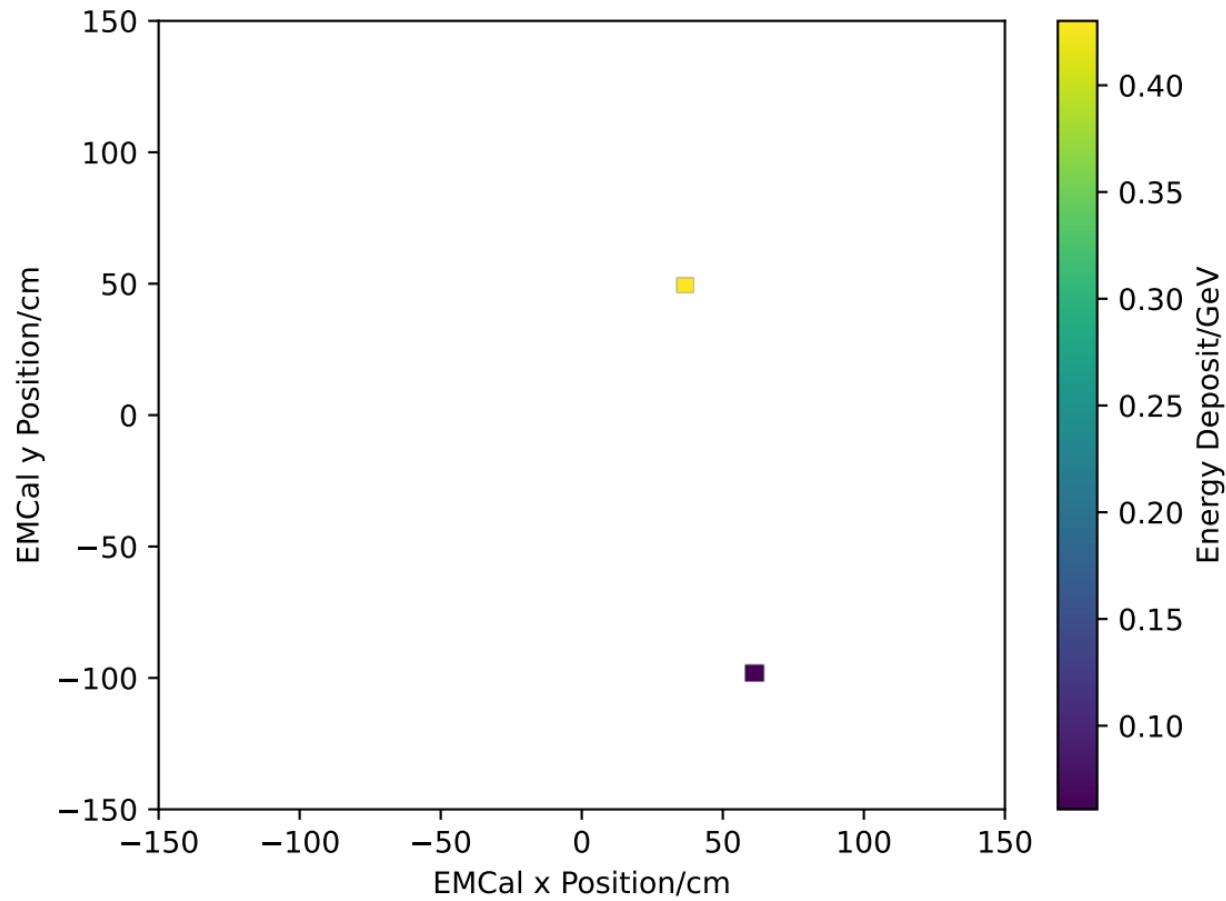
EMCal y Position/cm

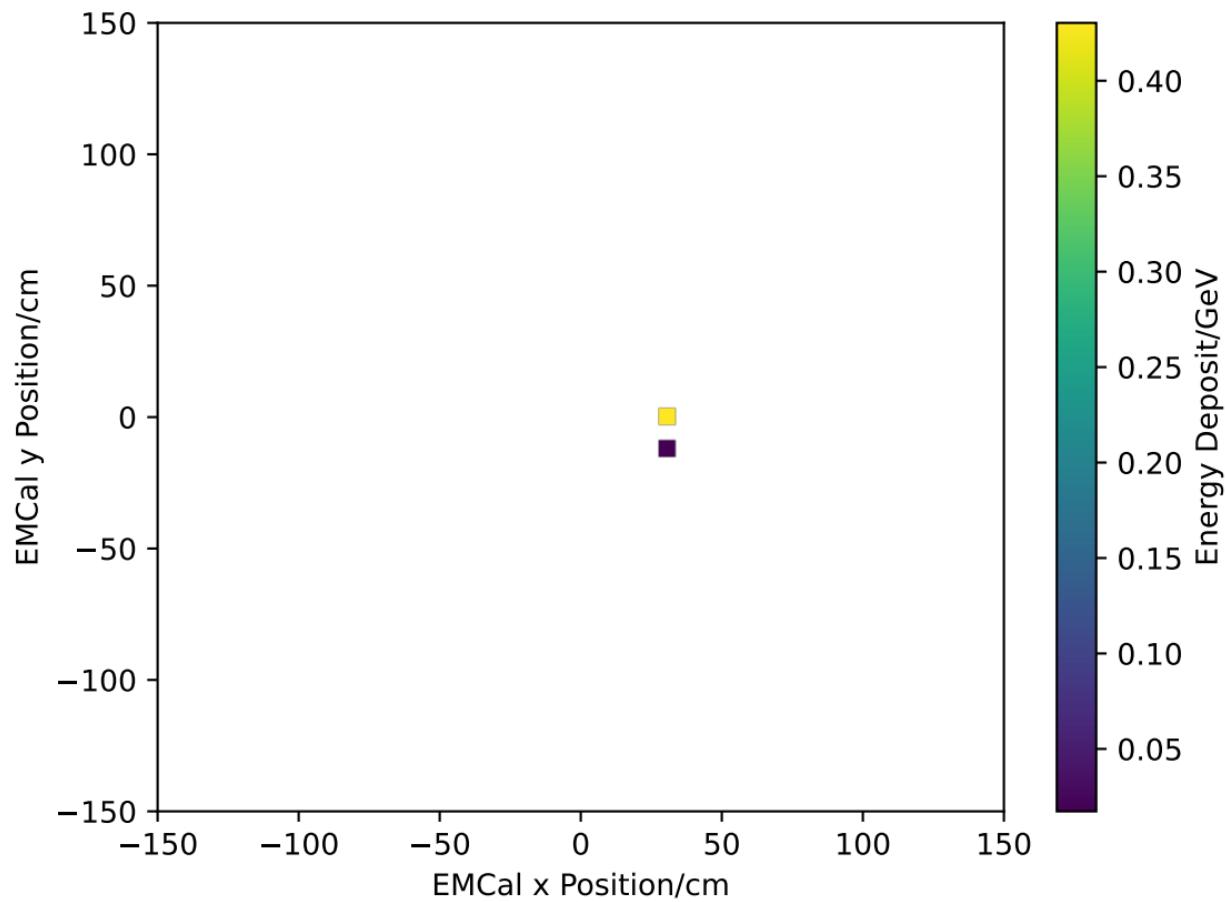


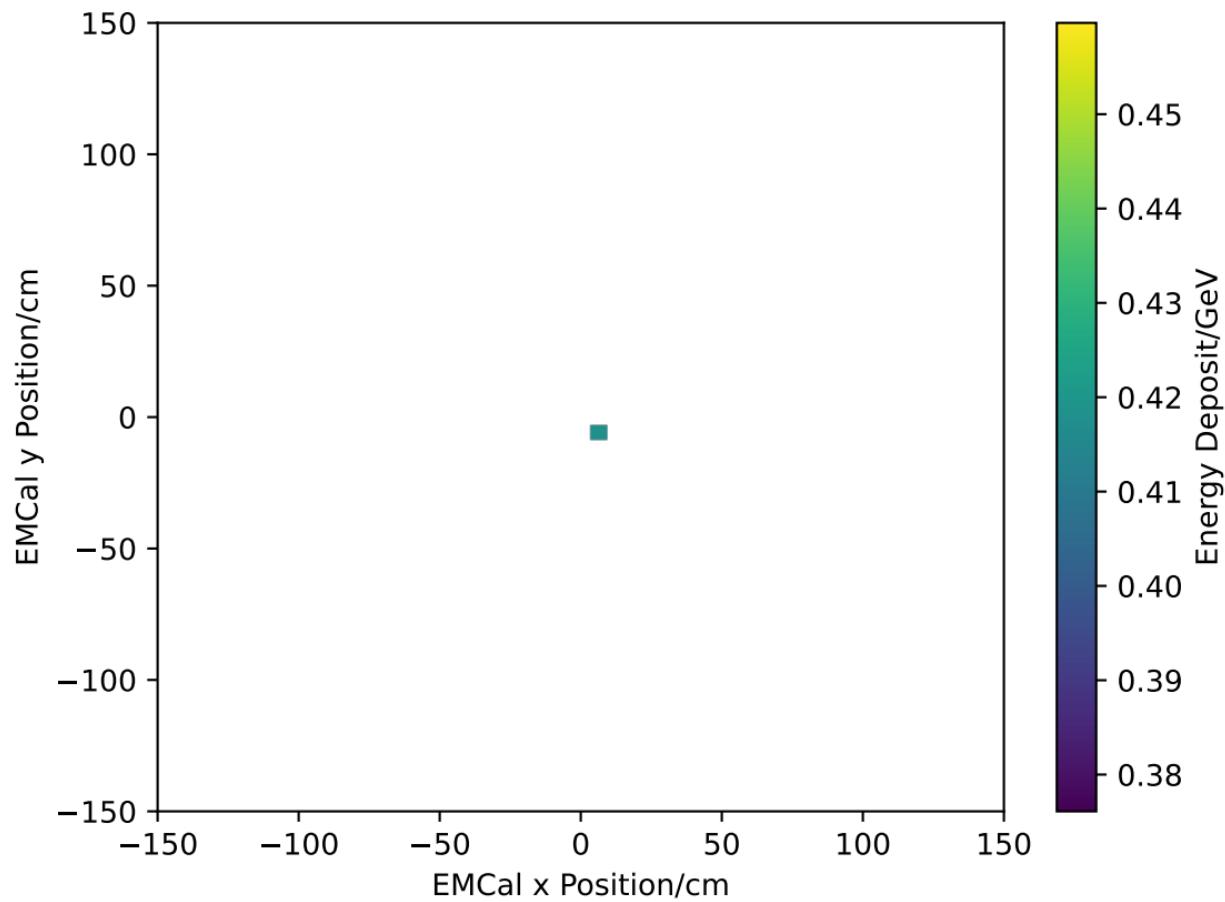




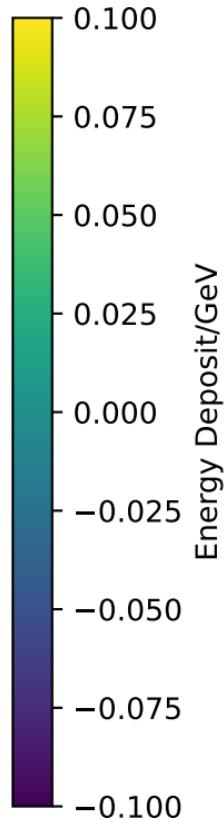
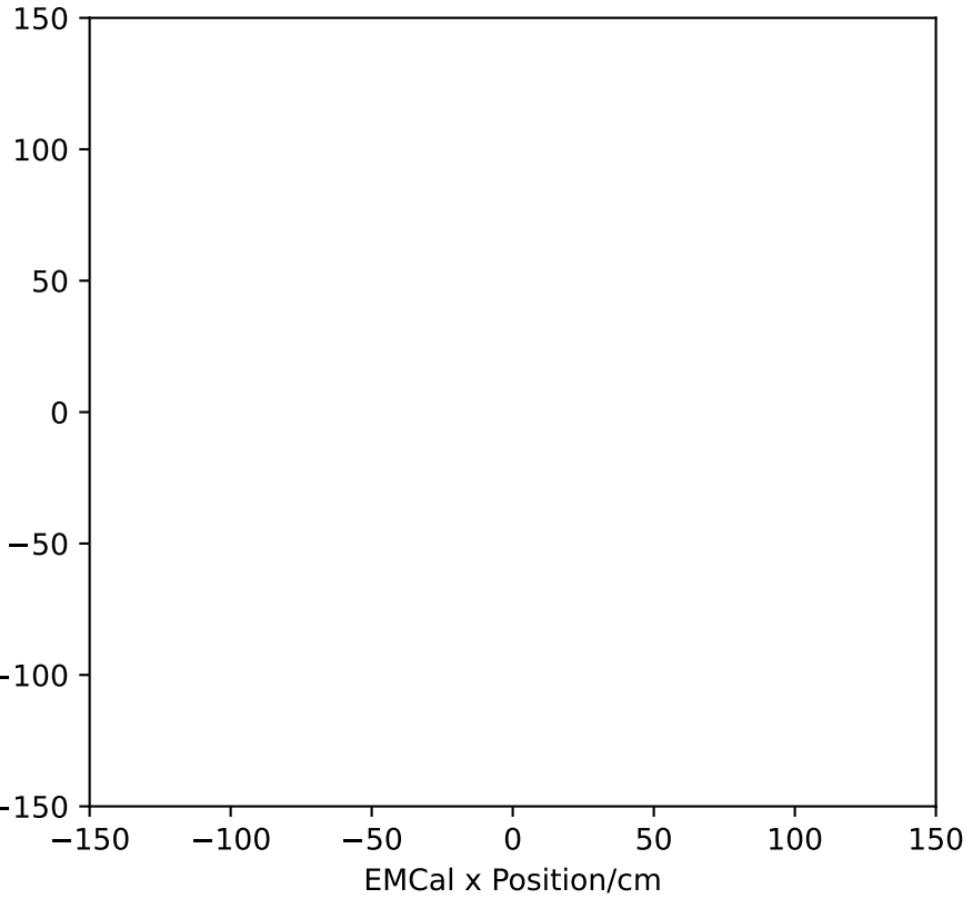




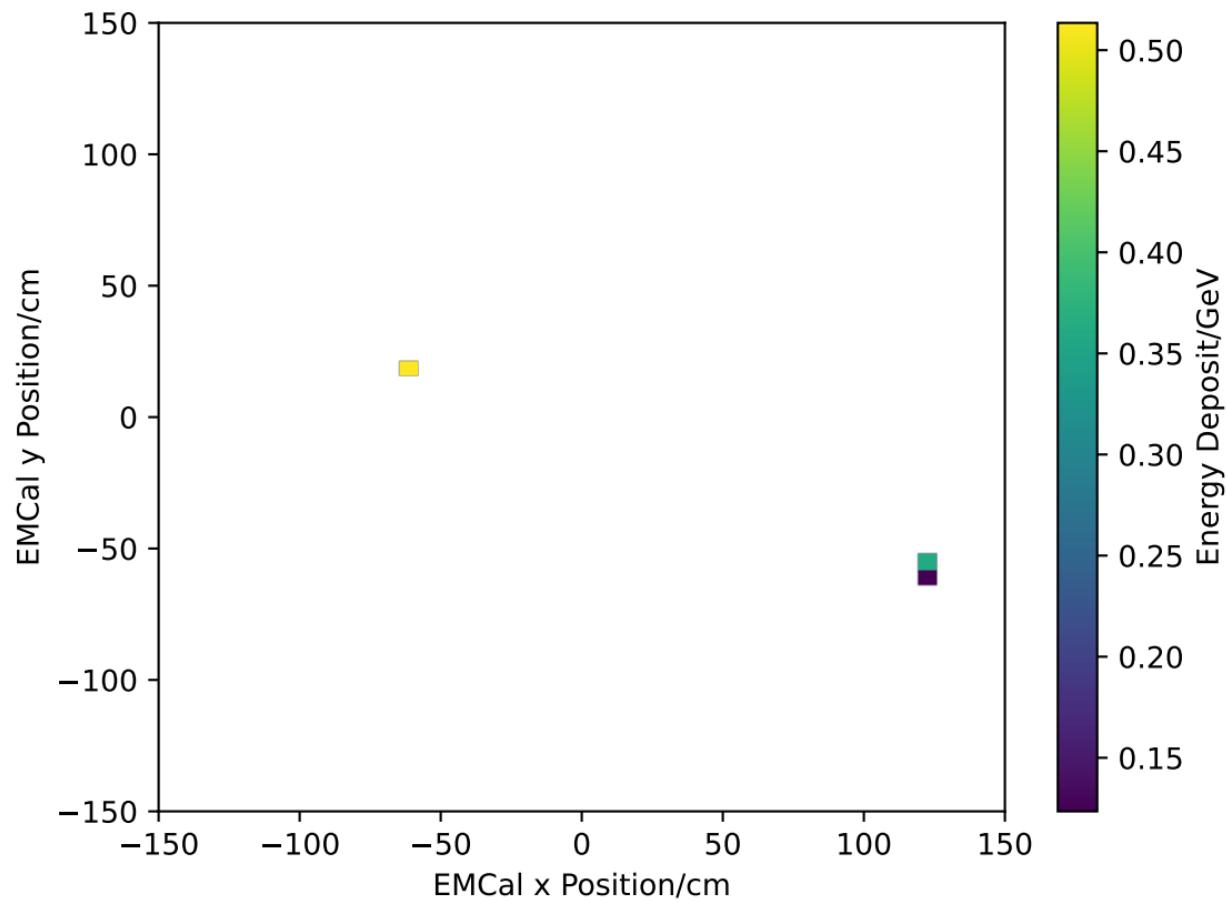


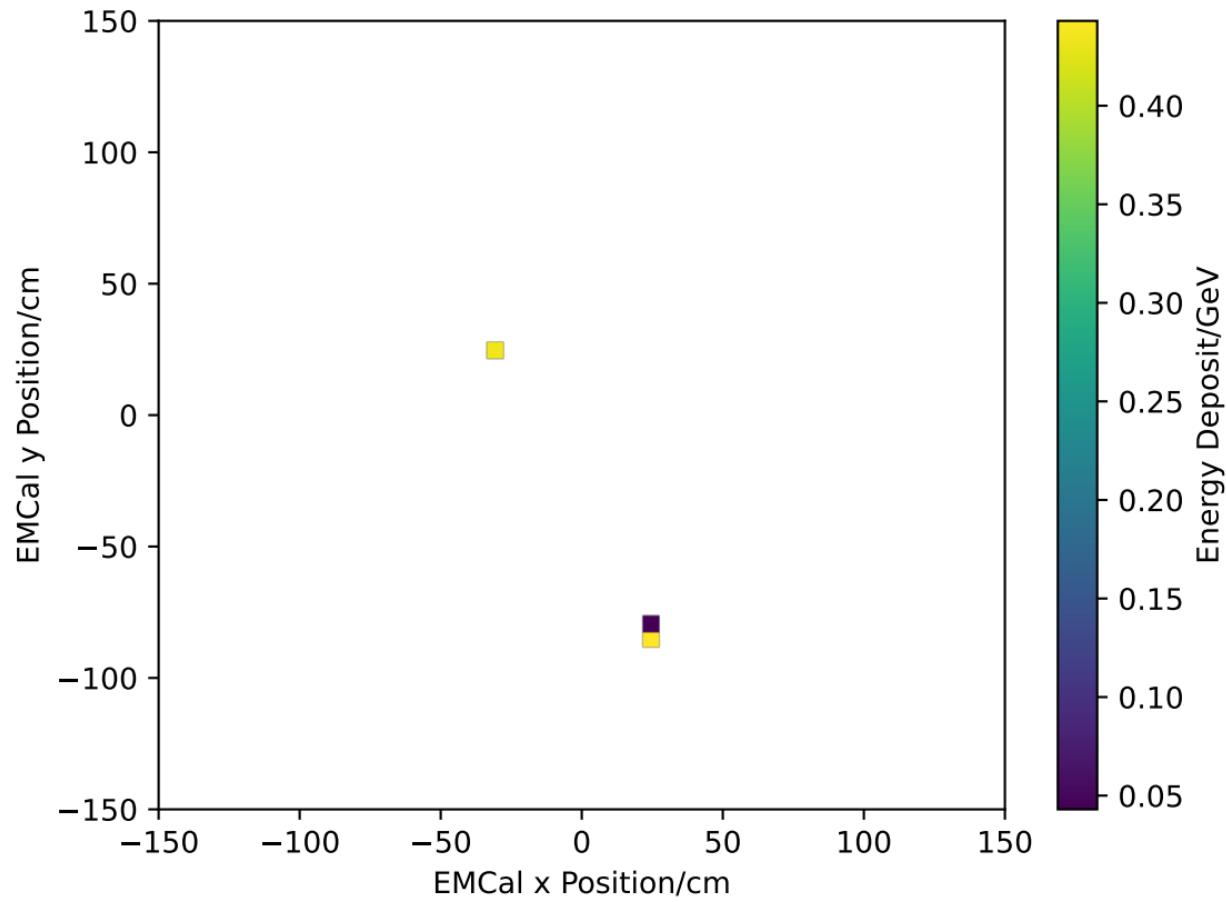


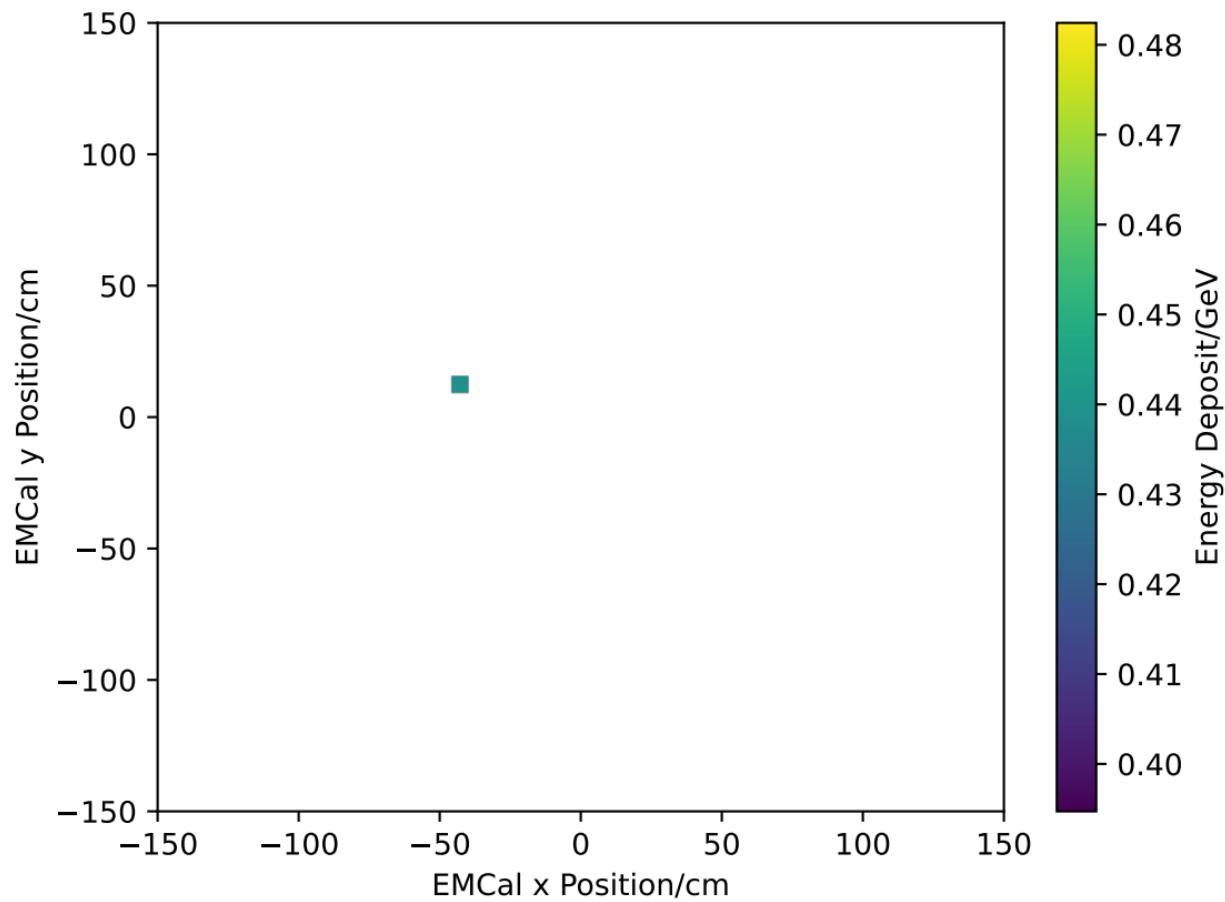
EMCal y Position/cm

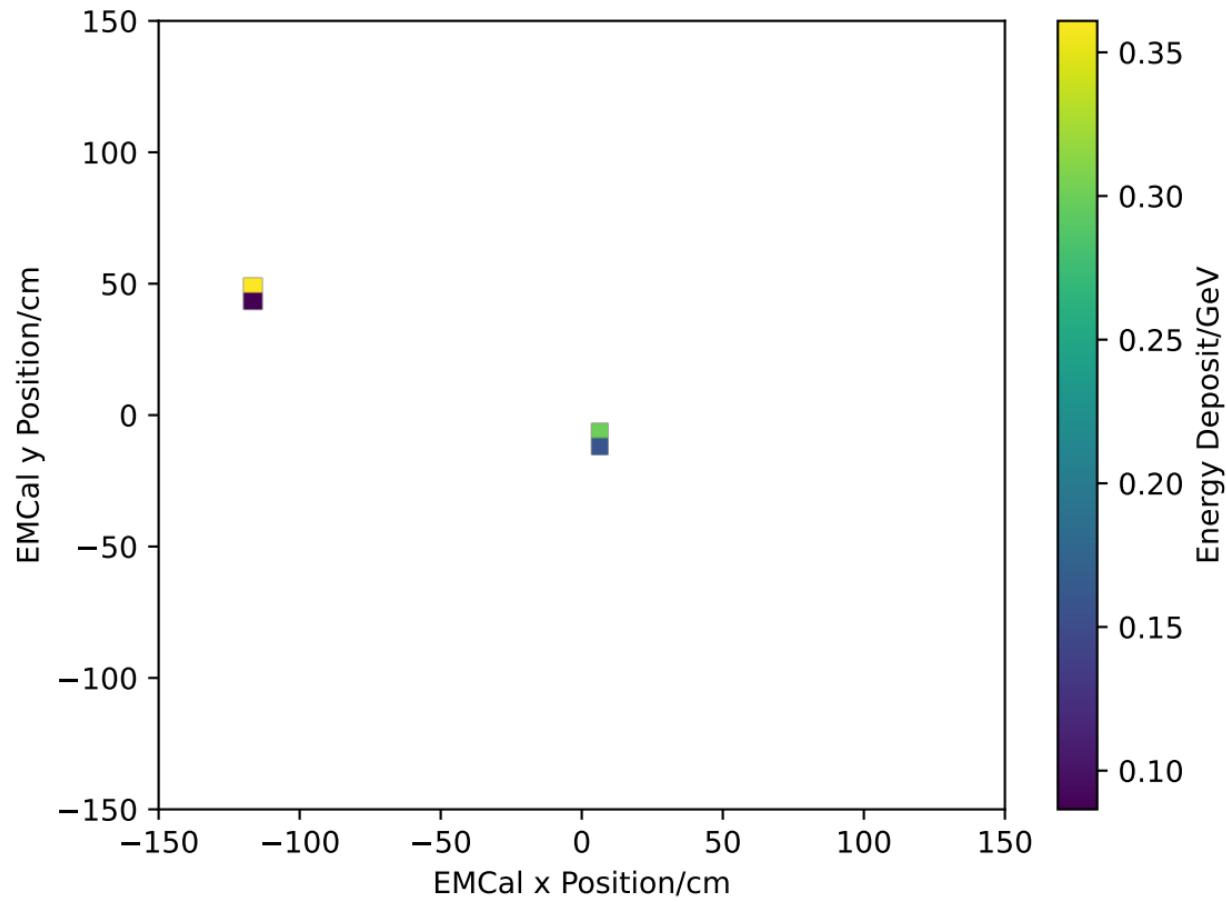


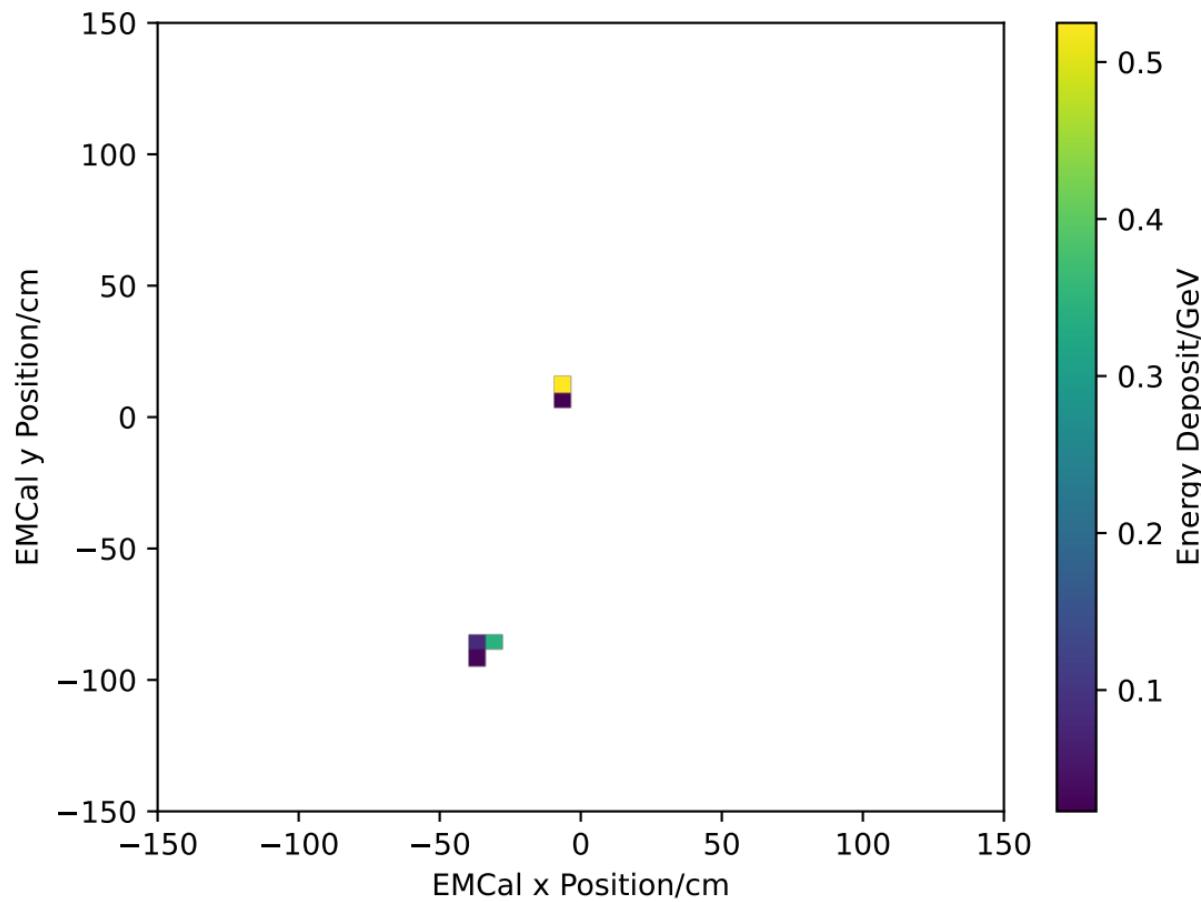
Energy Deposit/GeV











EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

0.40

0.35

0.30

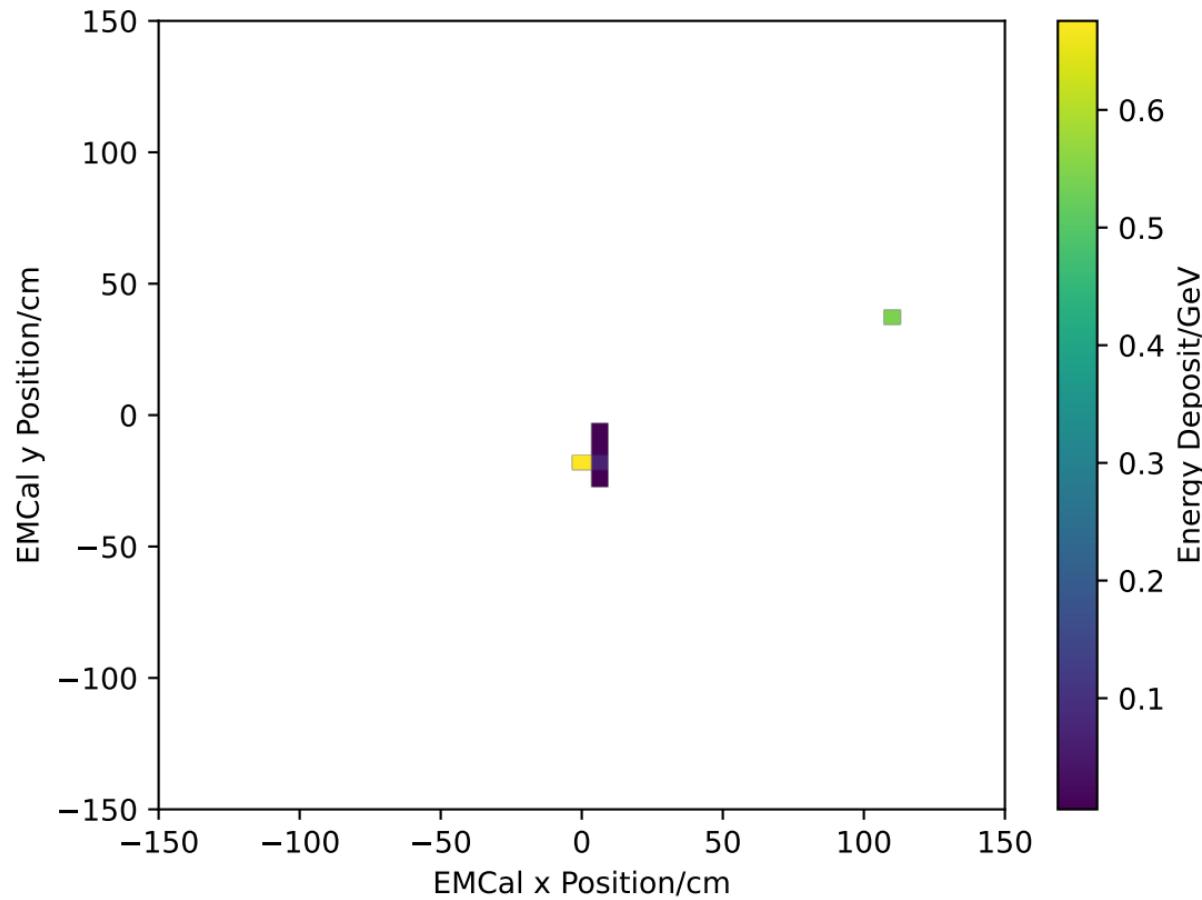
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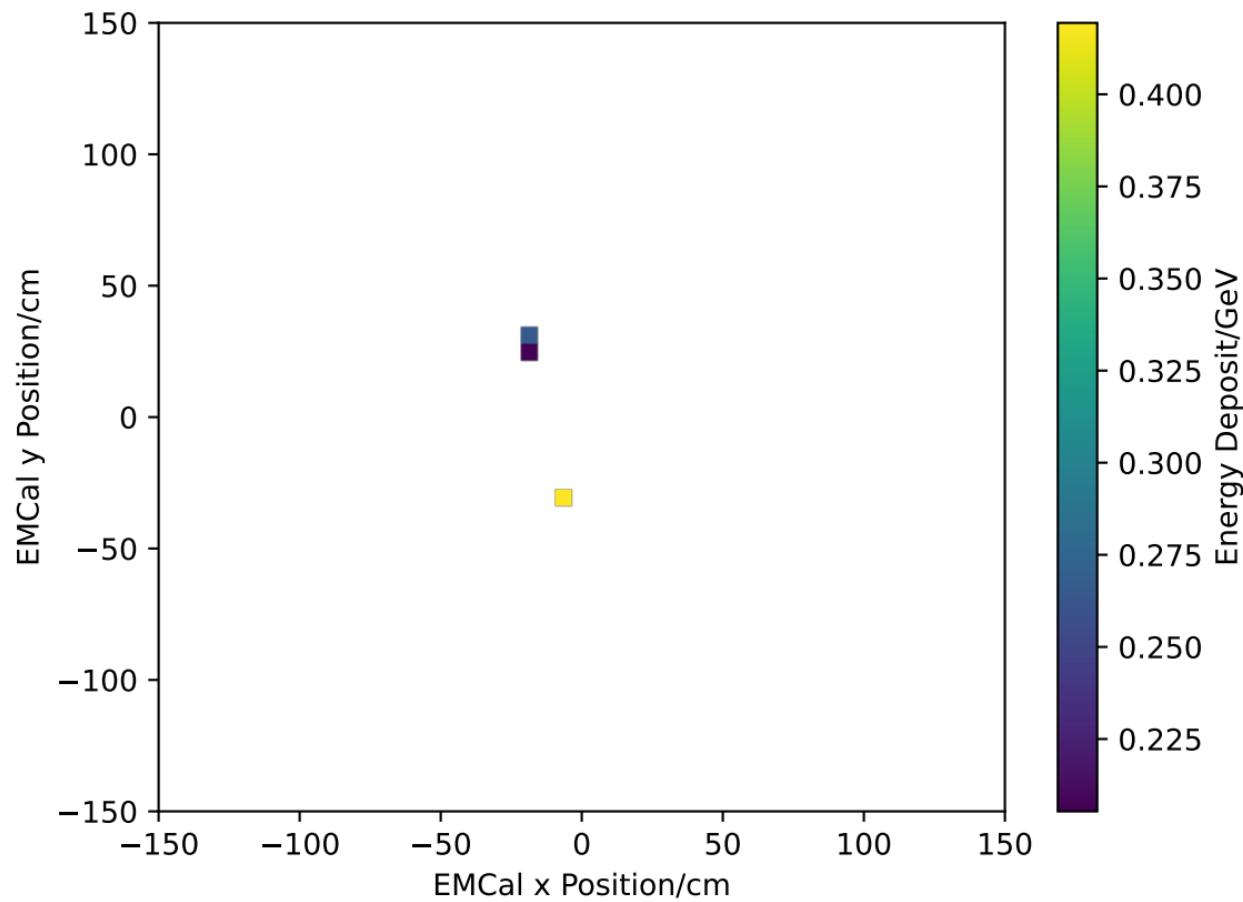
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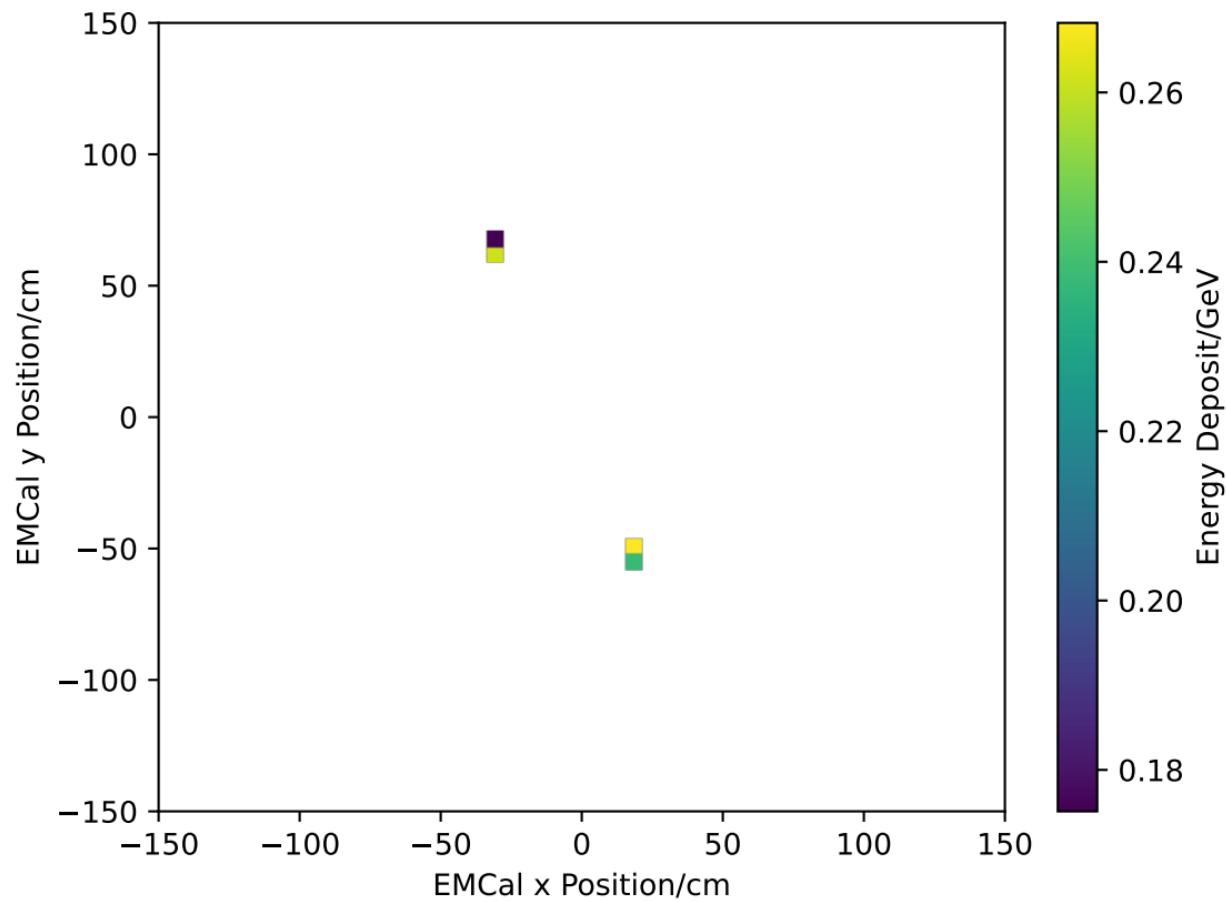
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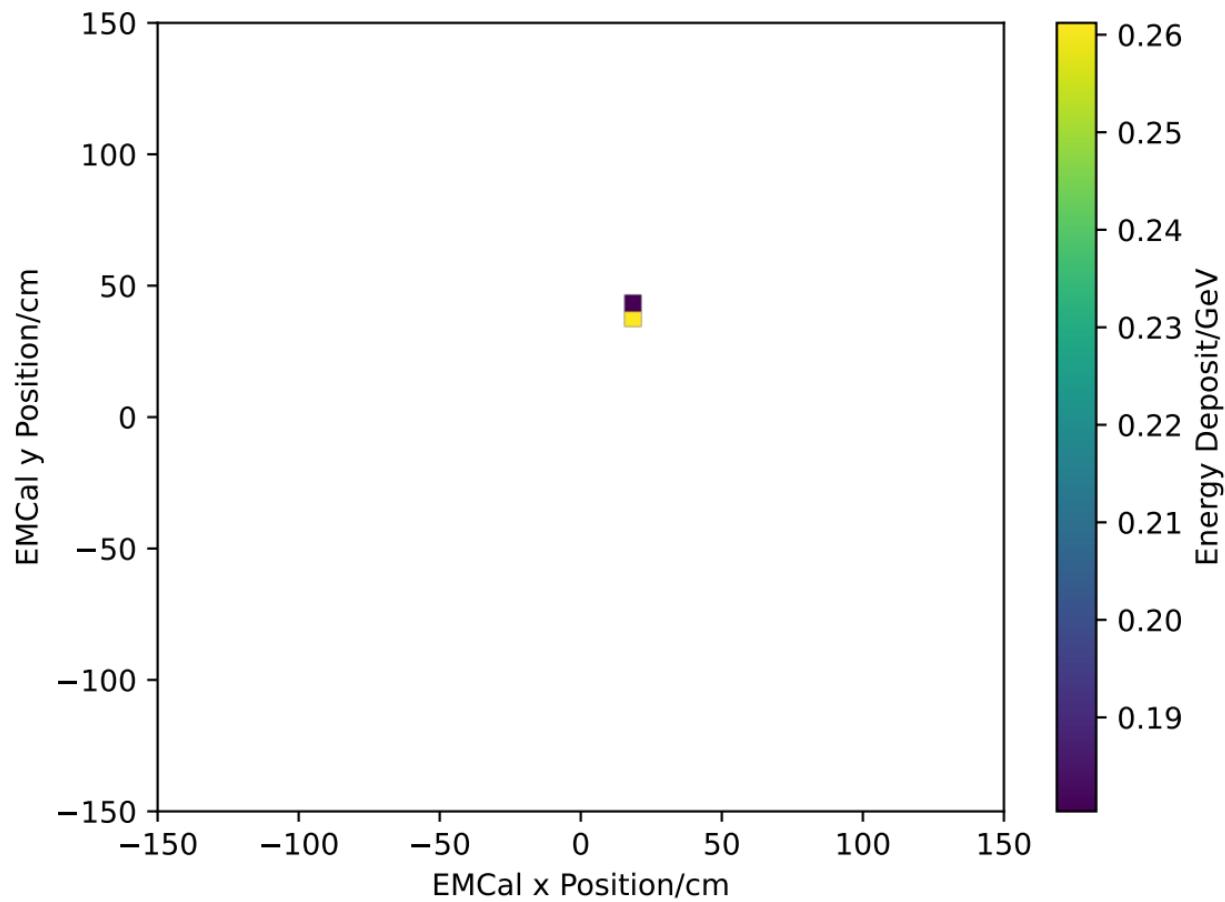
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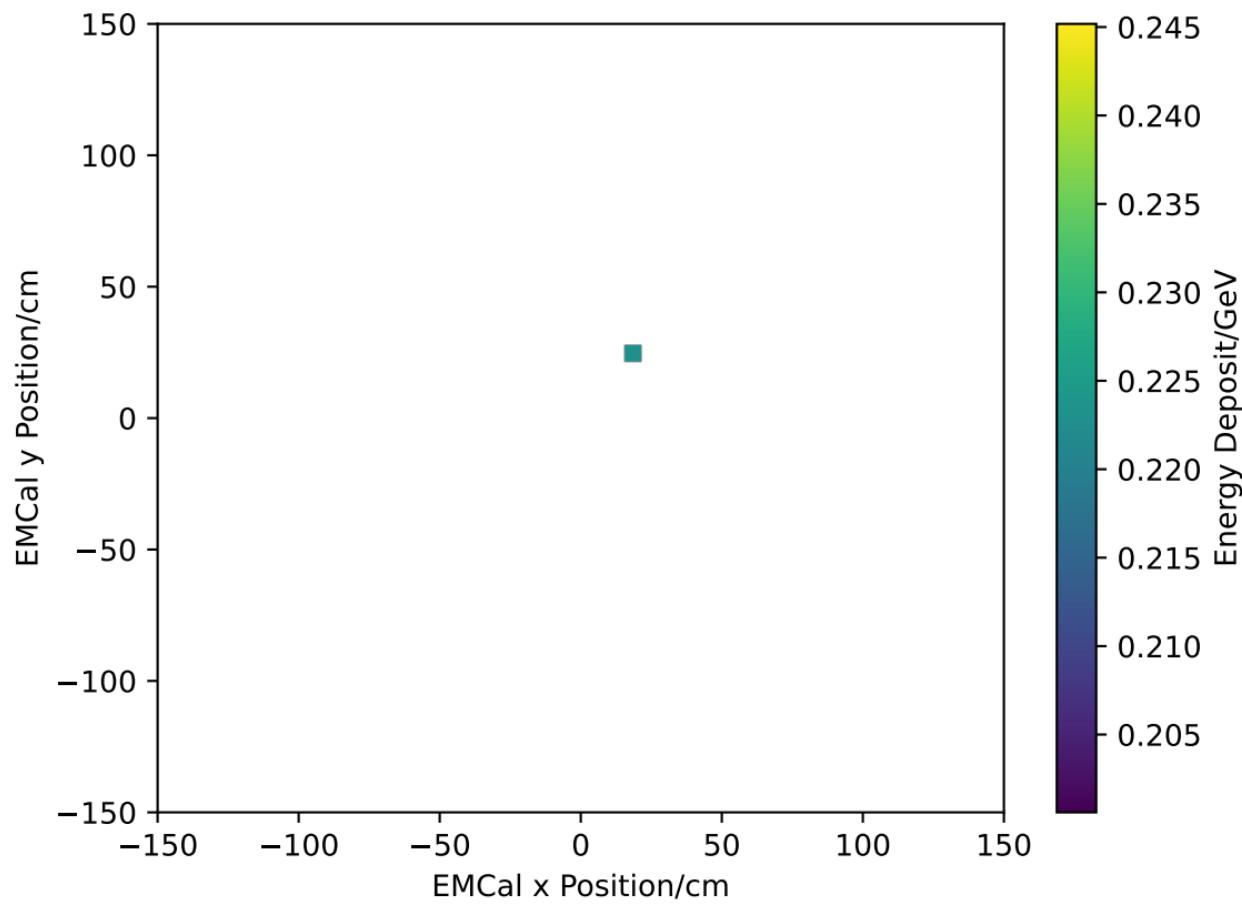
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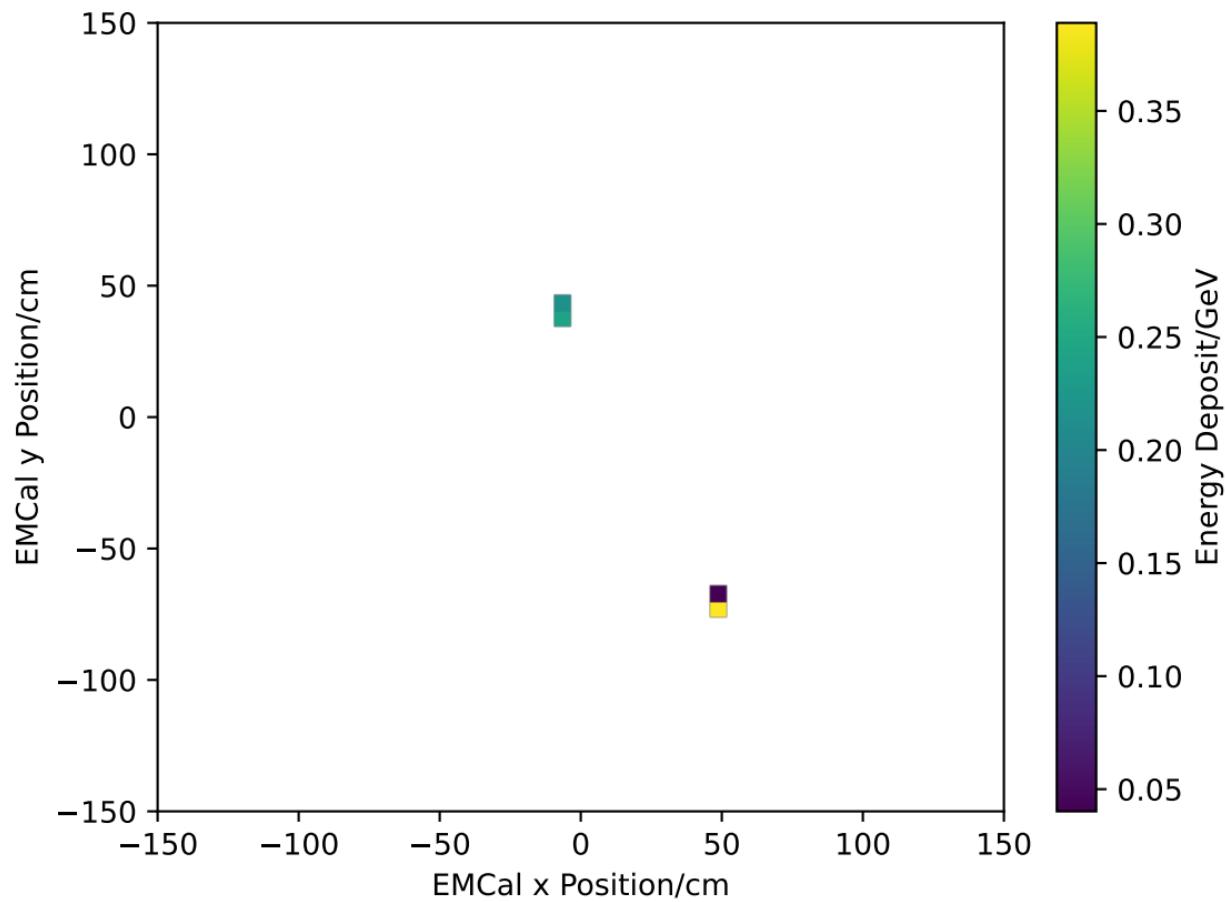


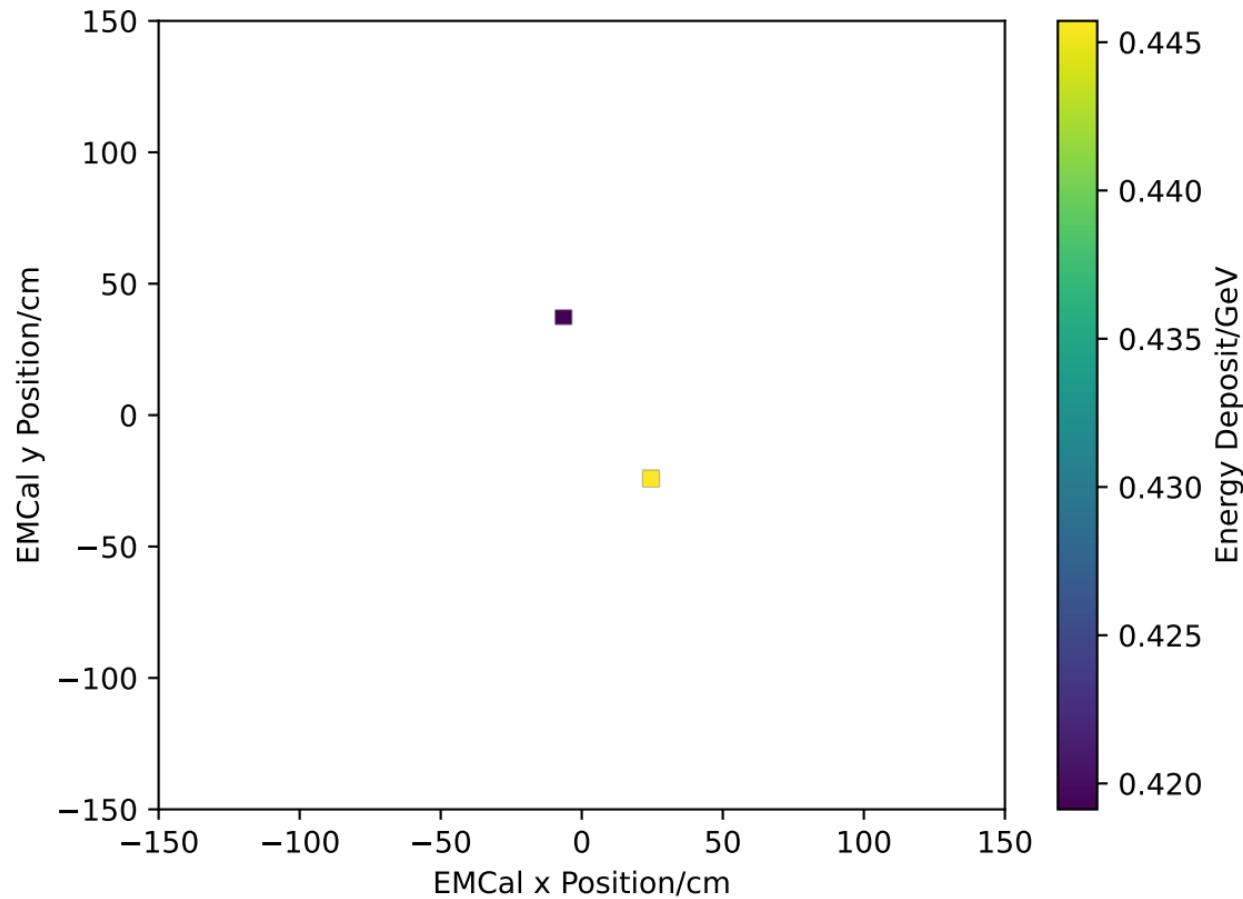


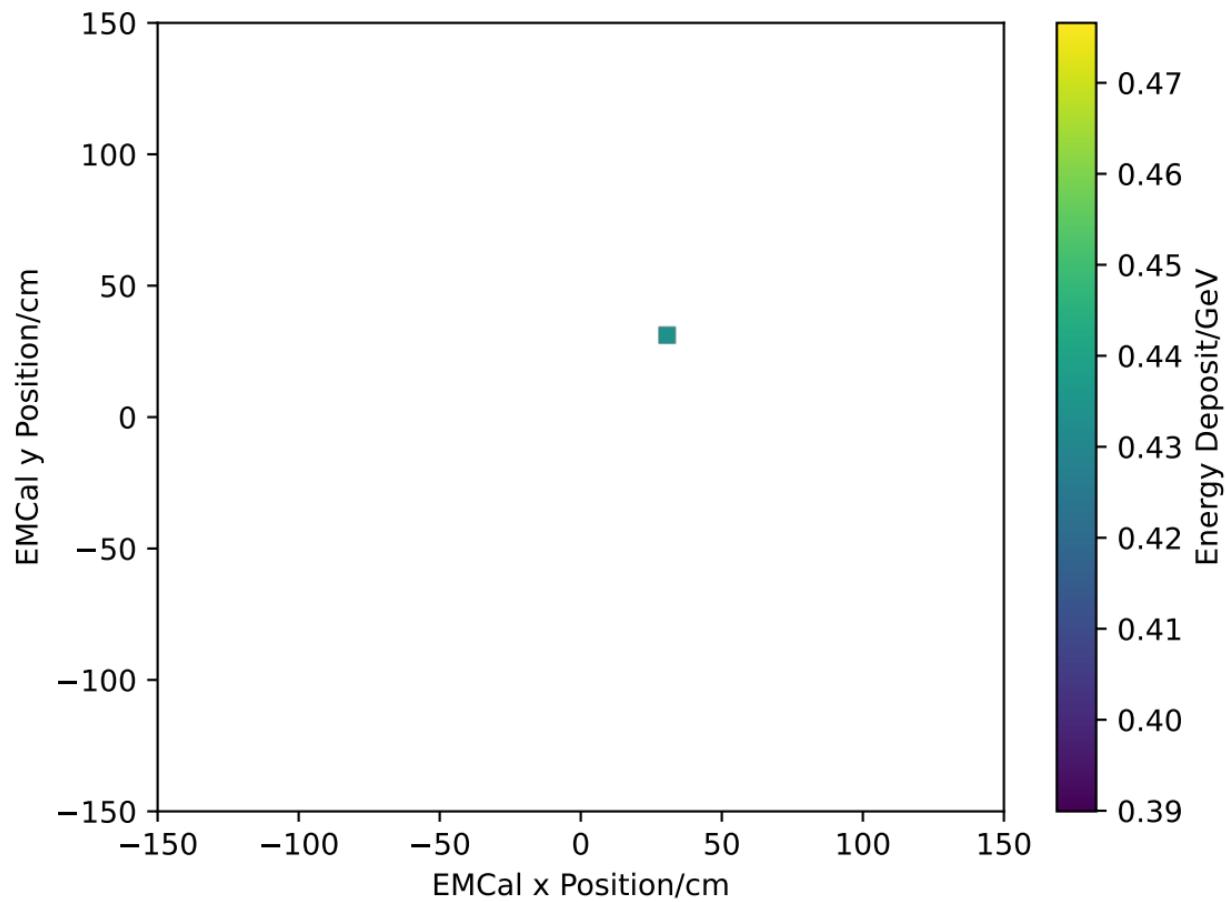


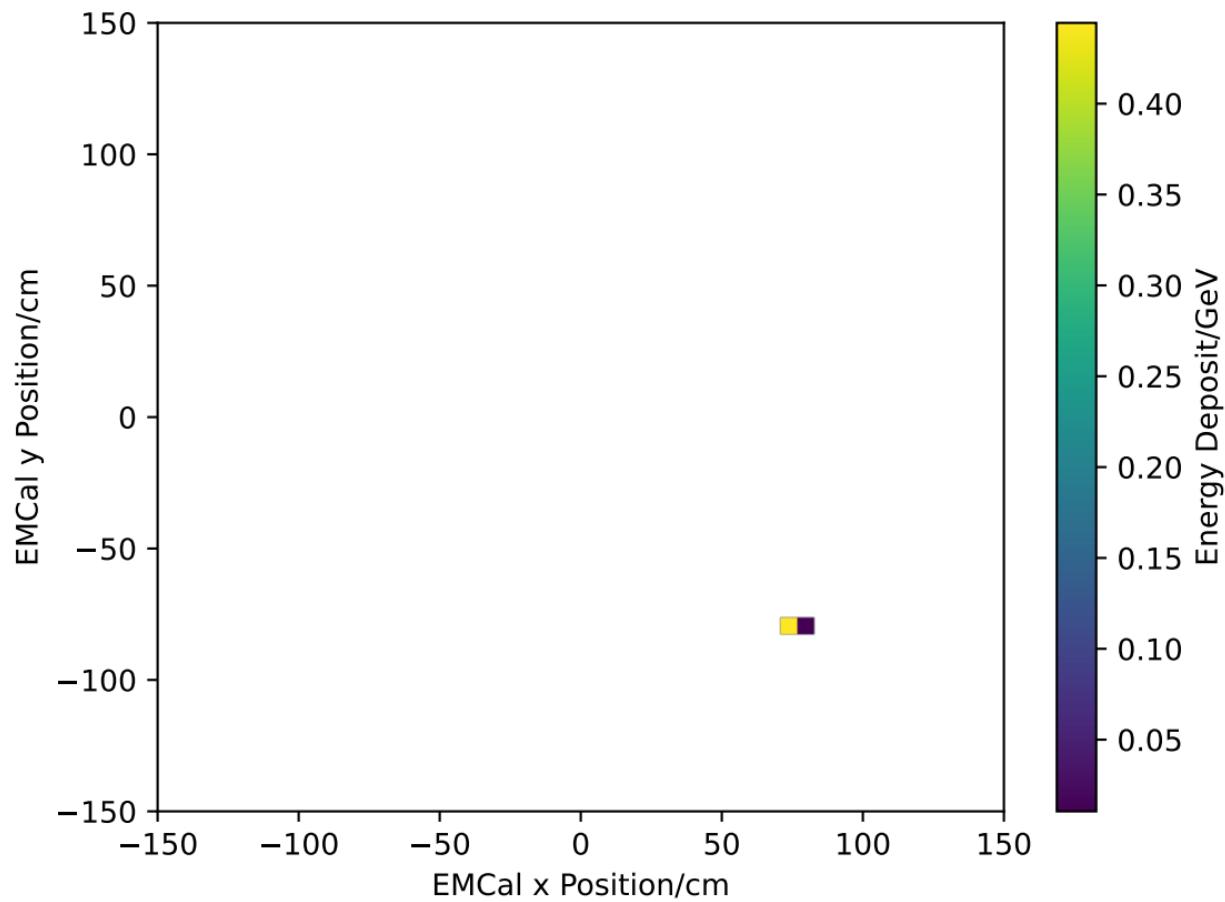


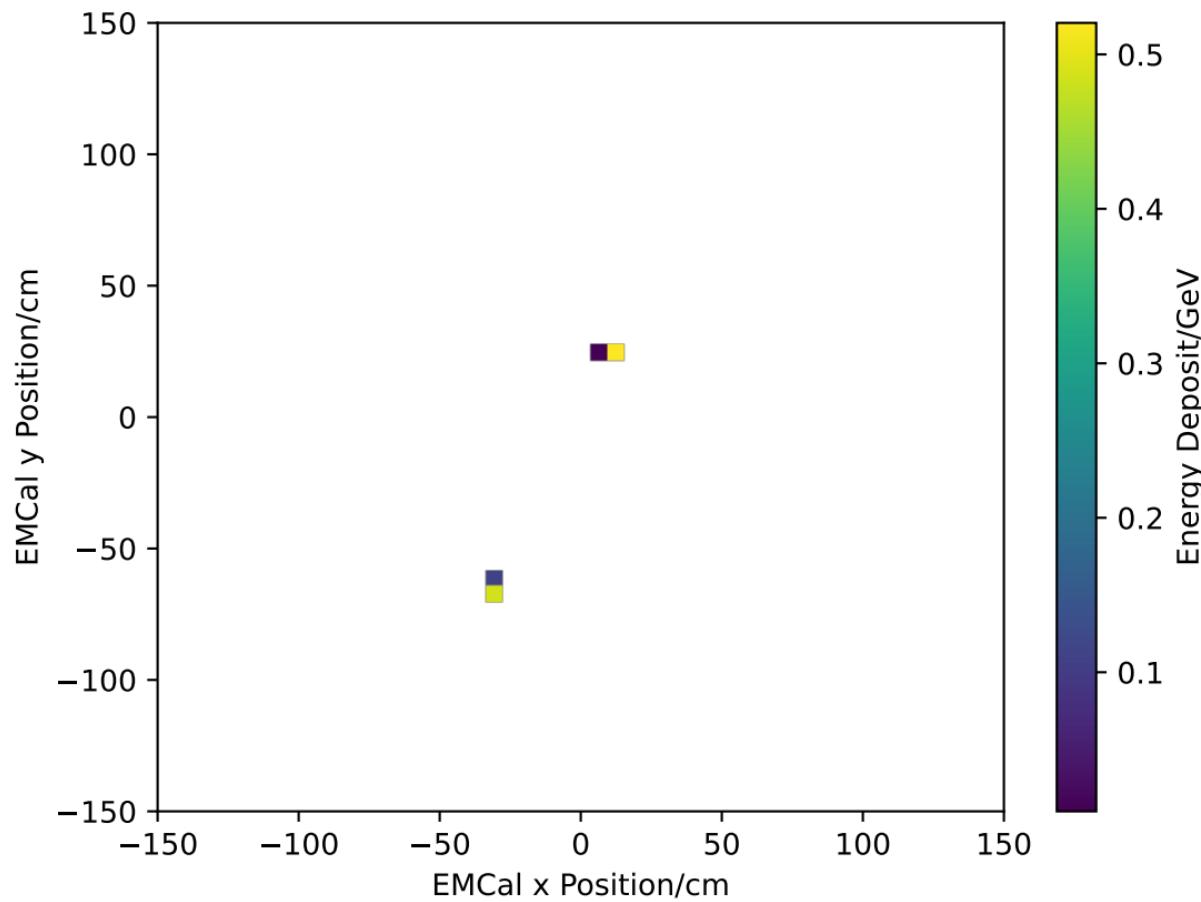


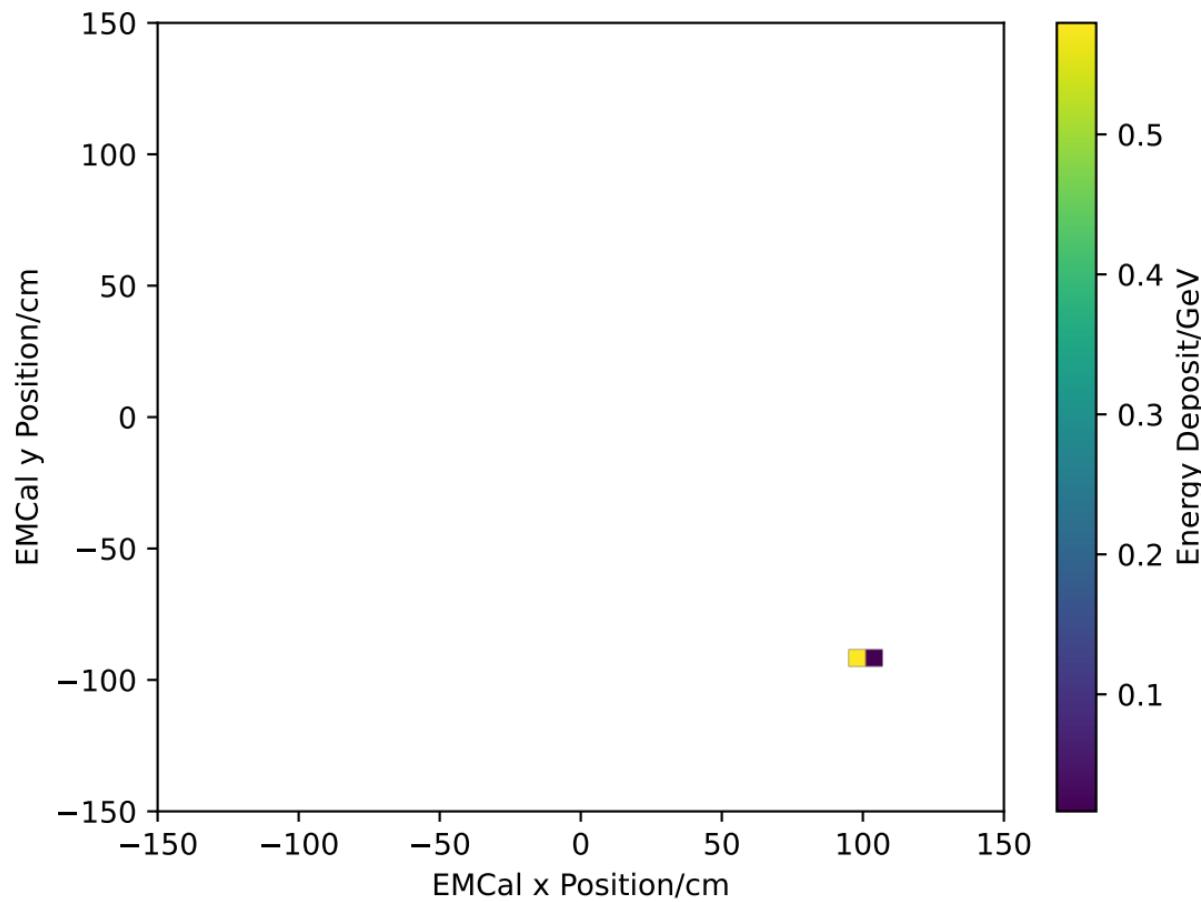


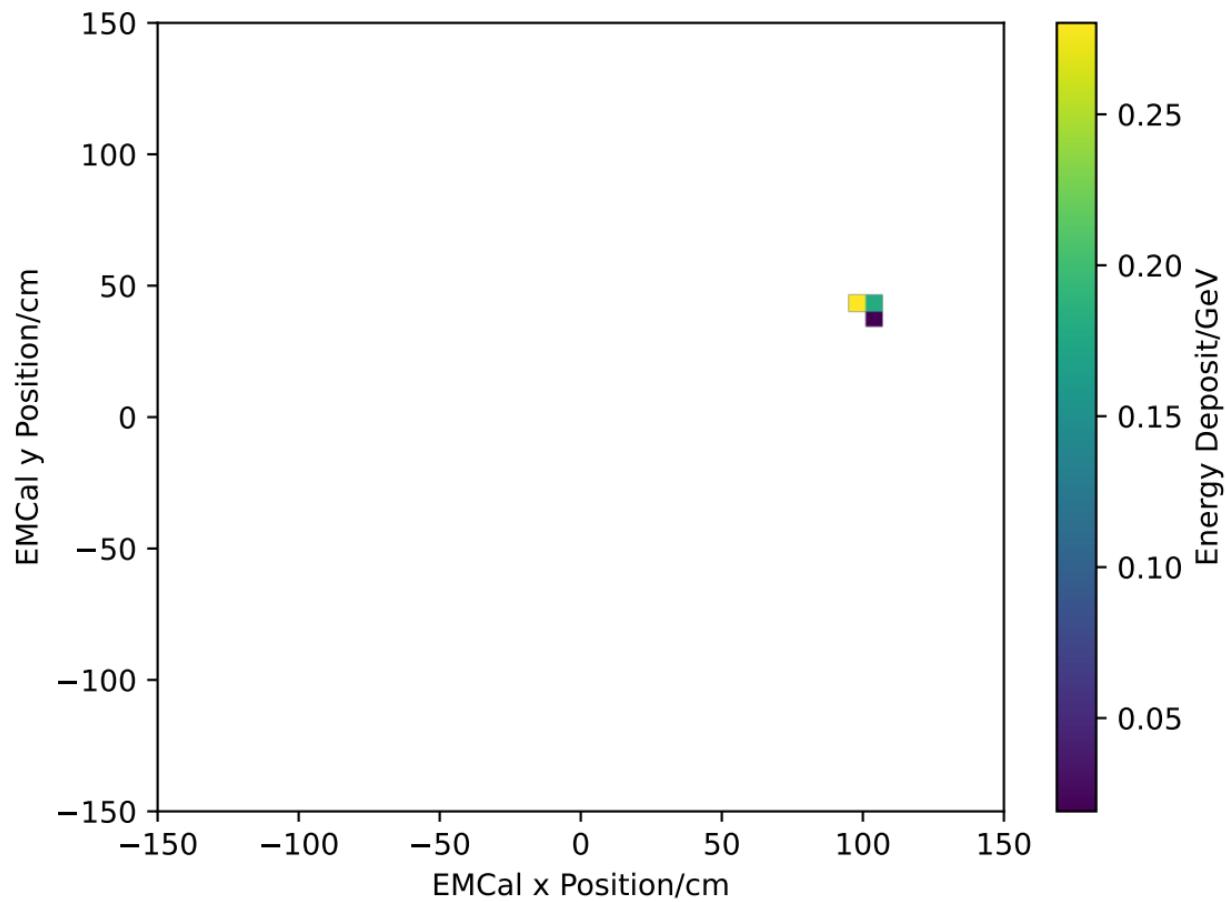


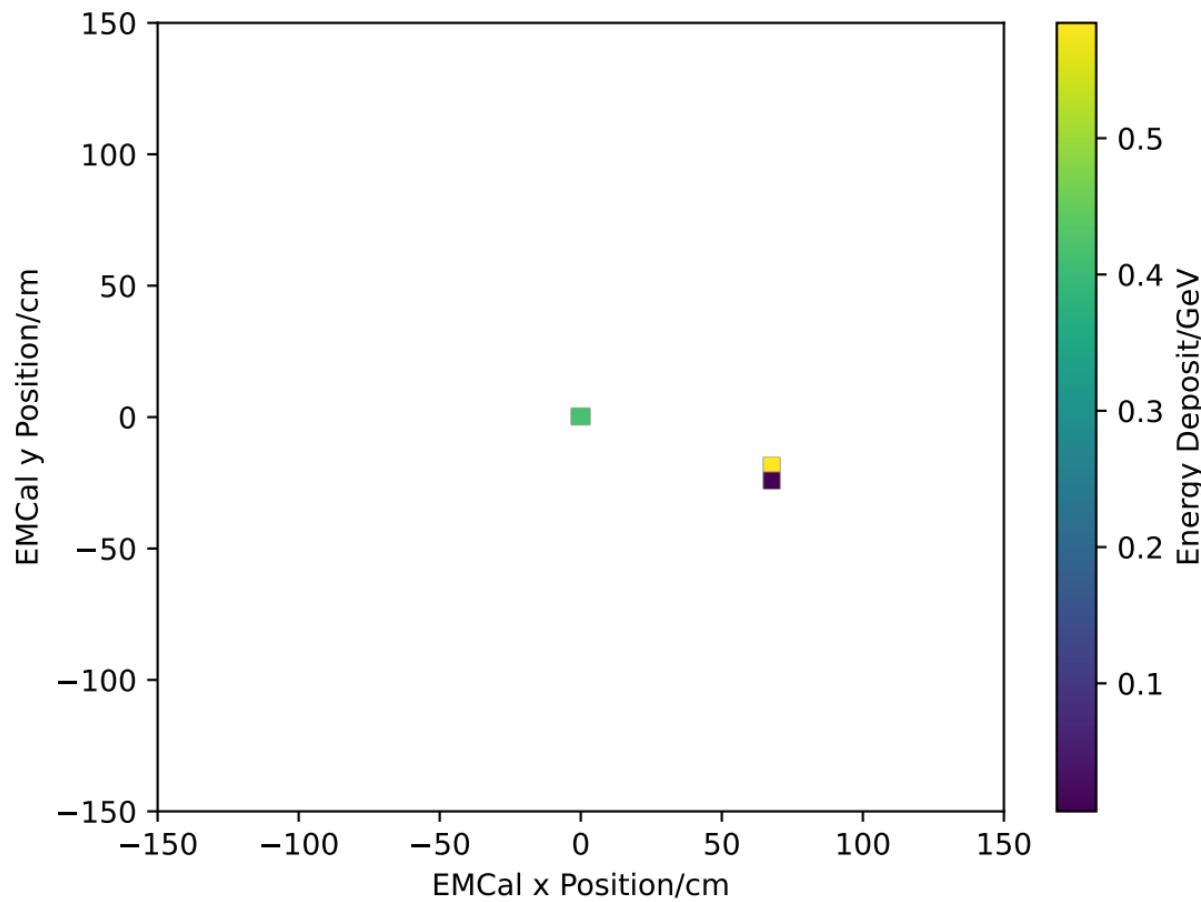




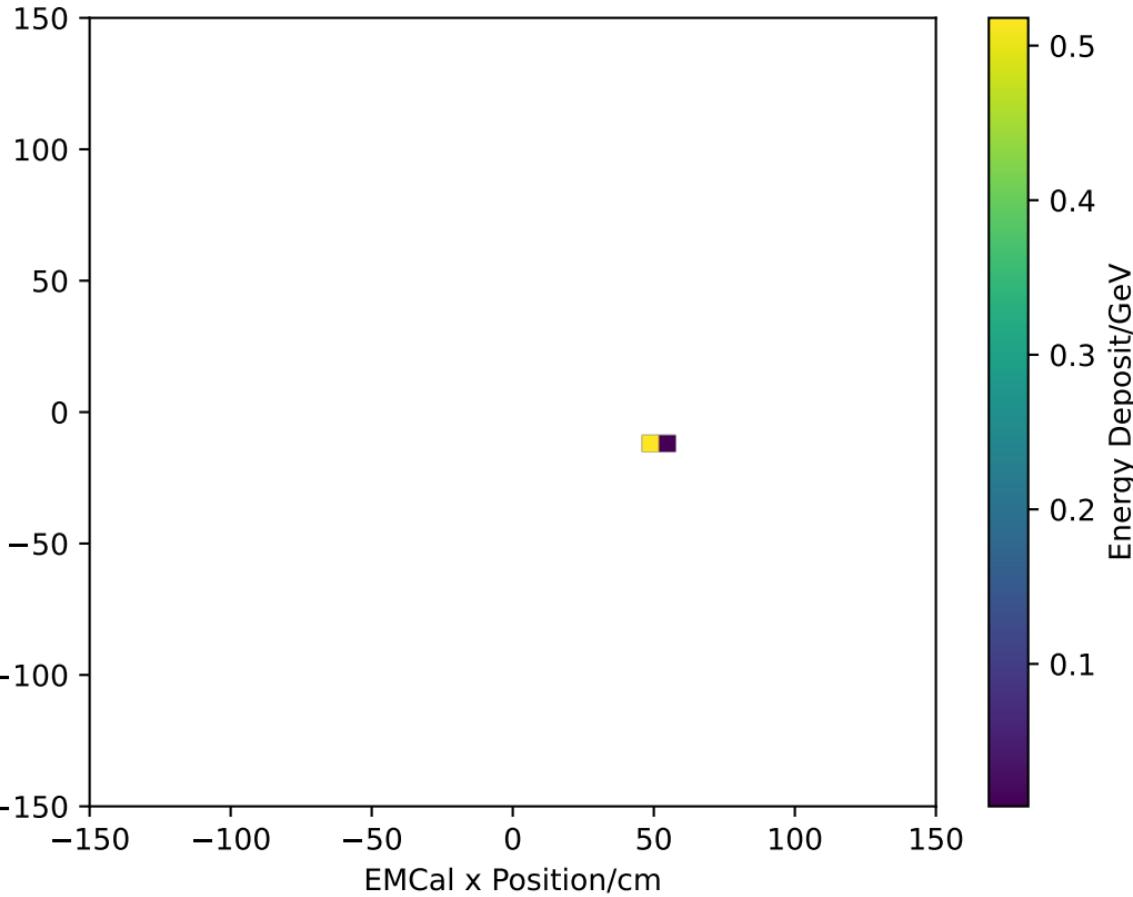


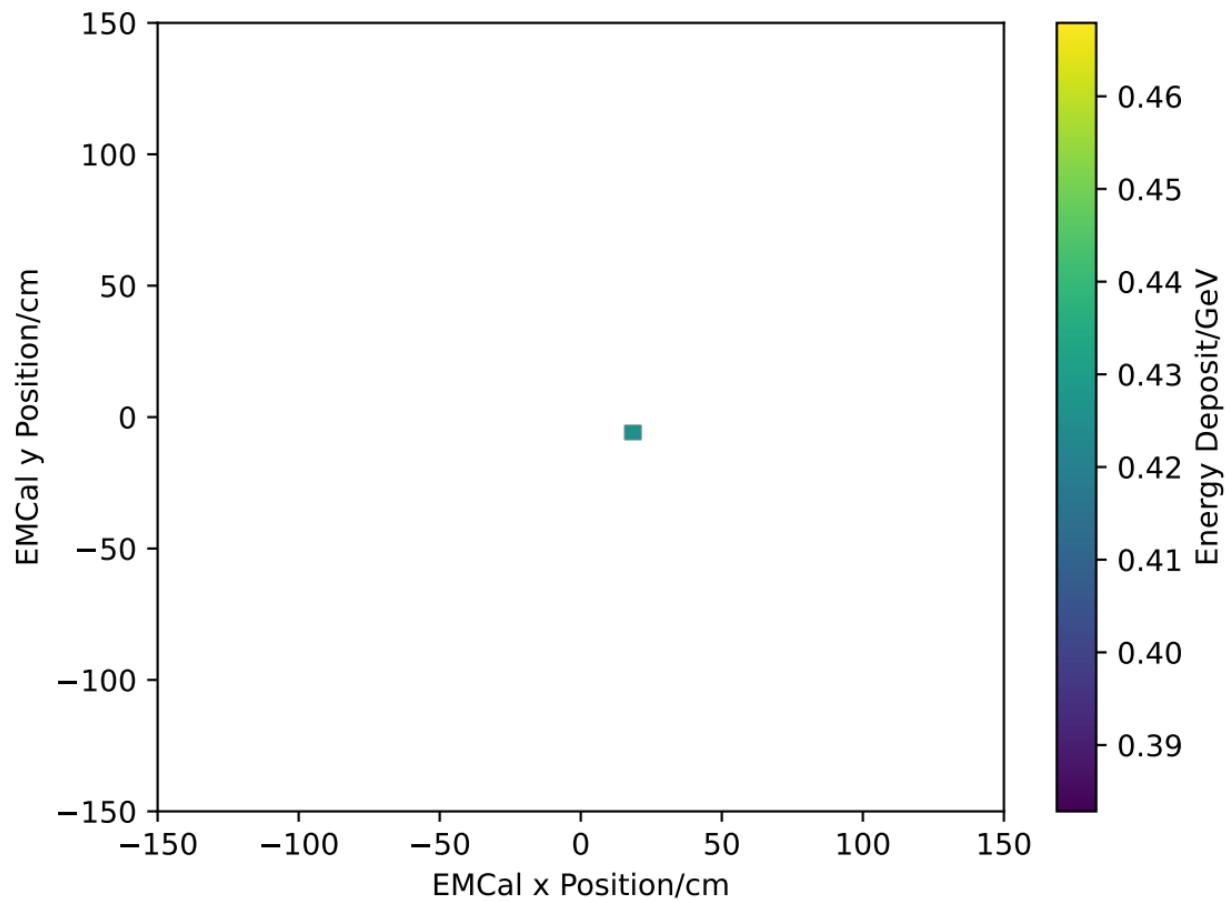


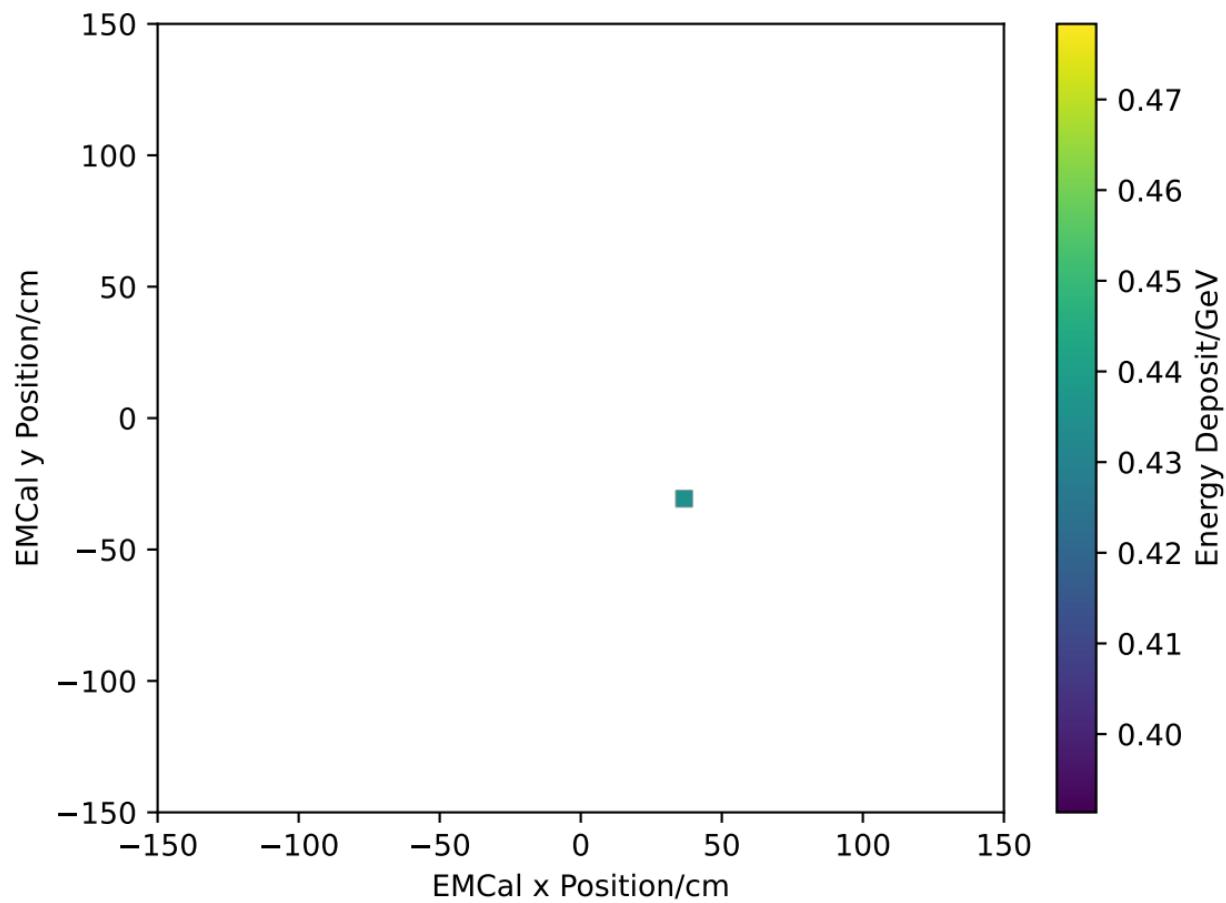




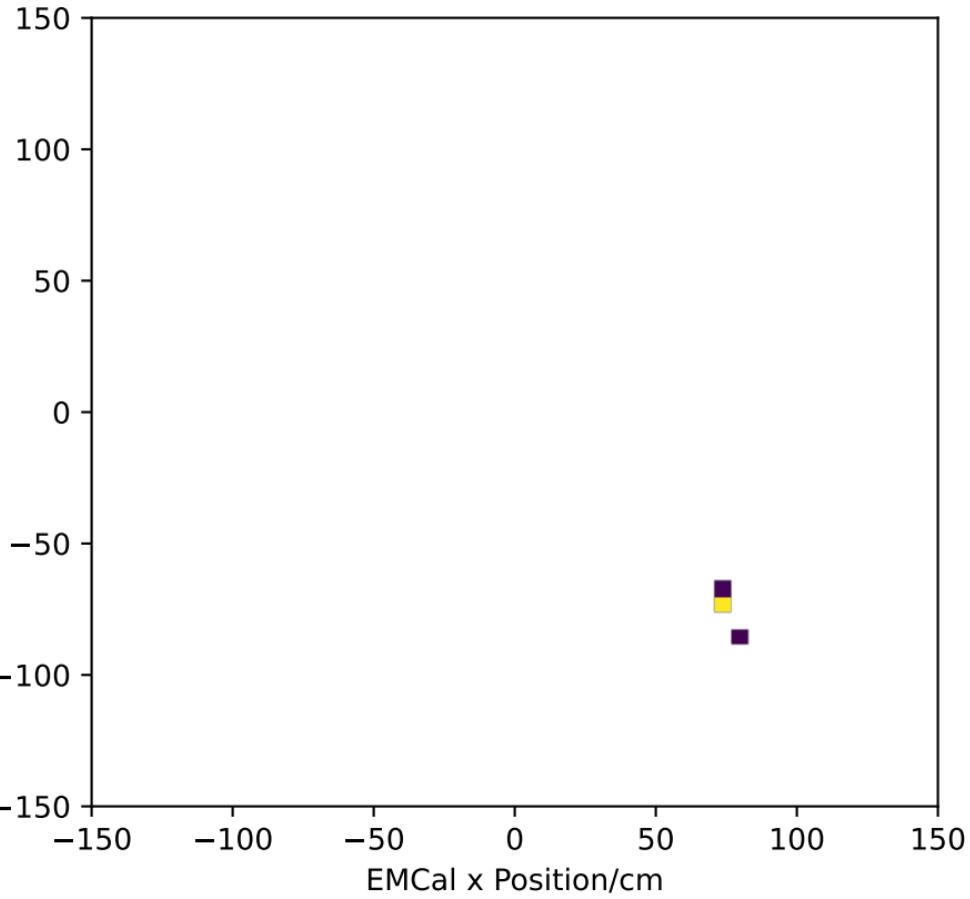
EMCal y Position/cm



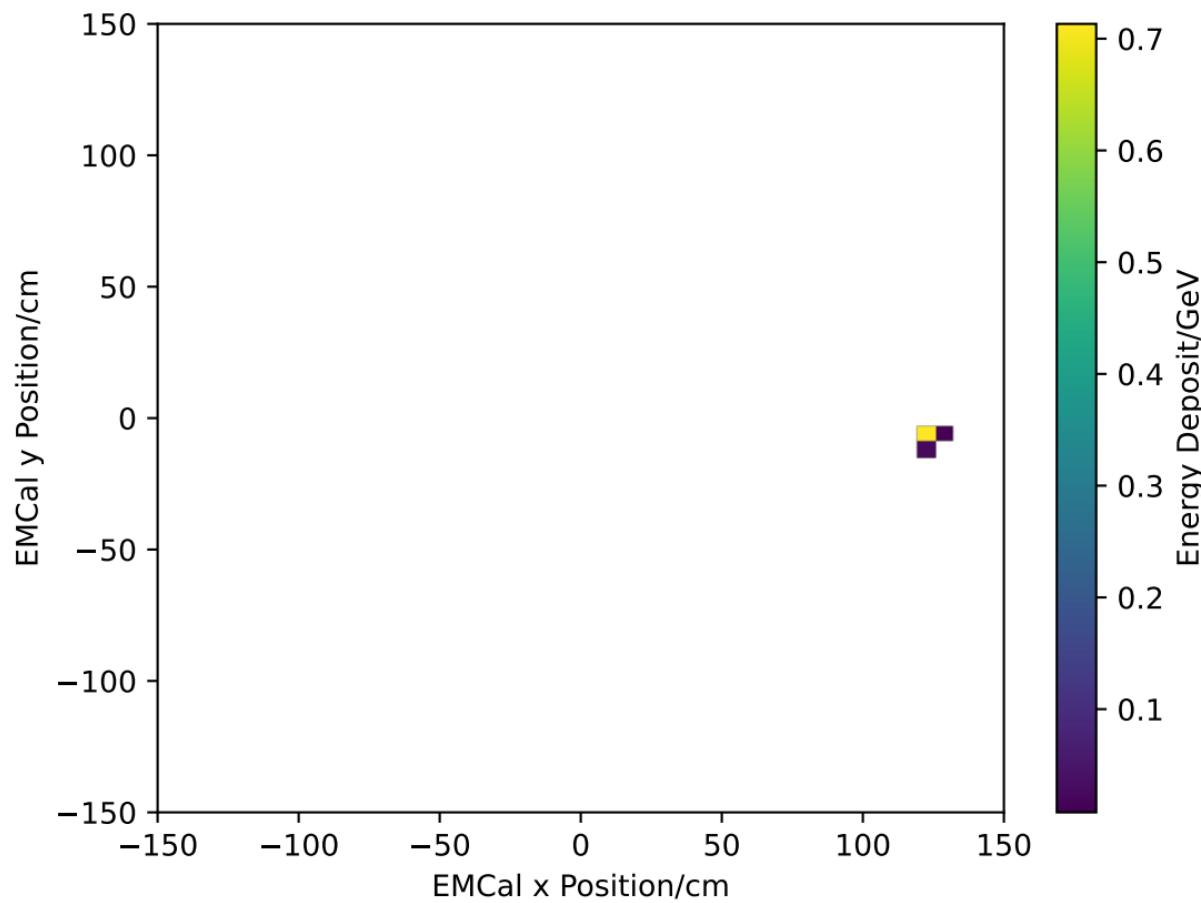


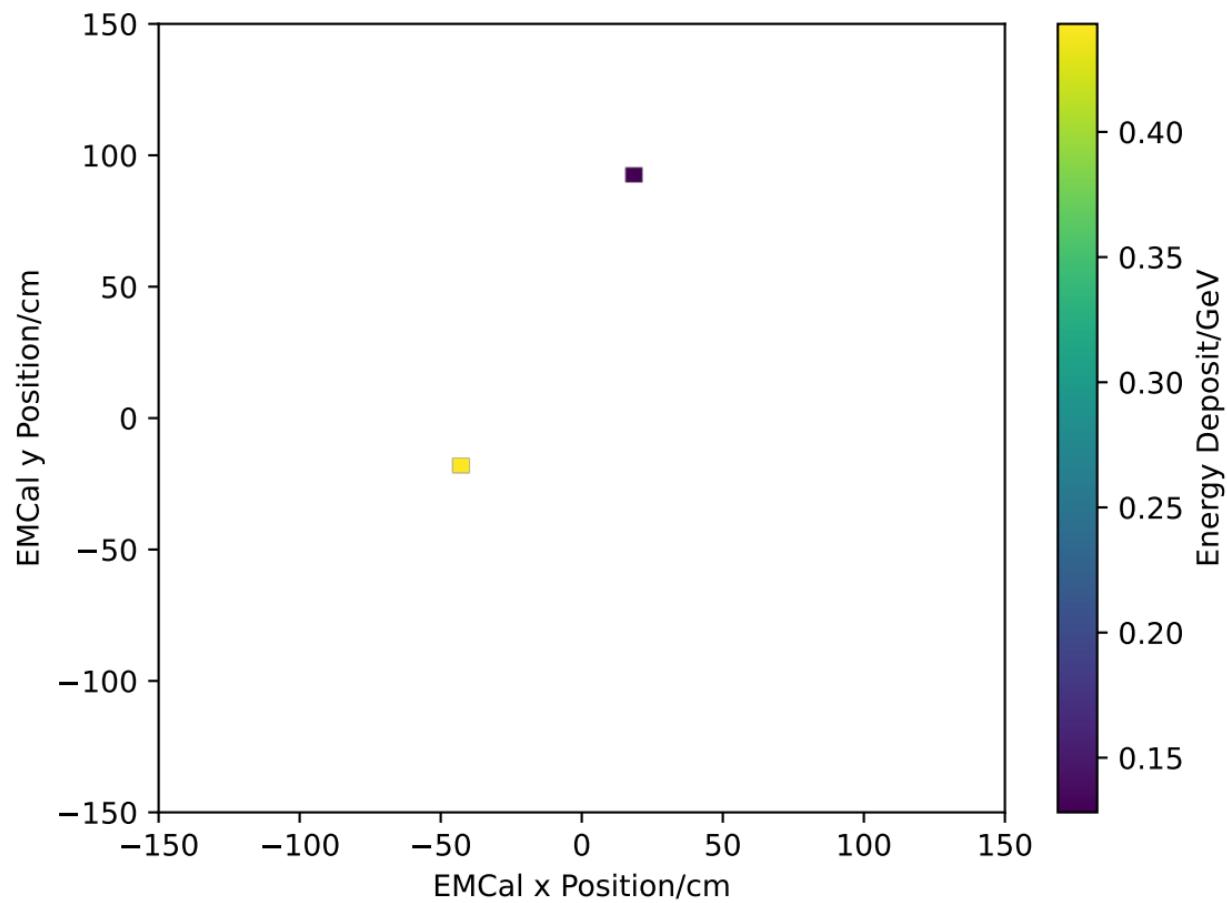


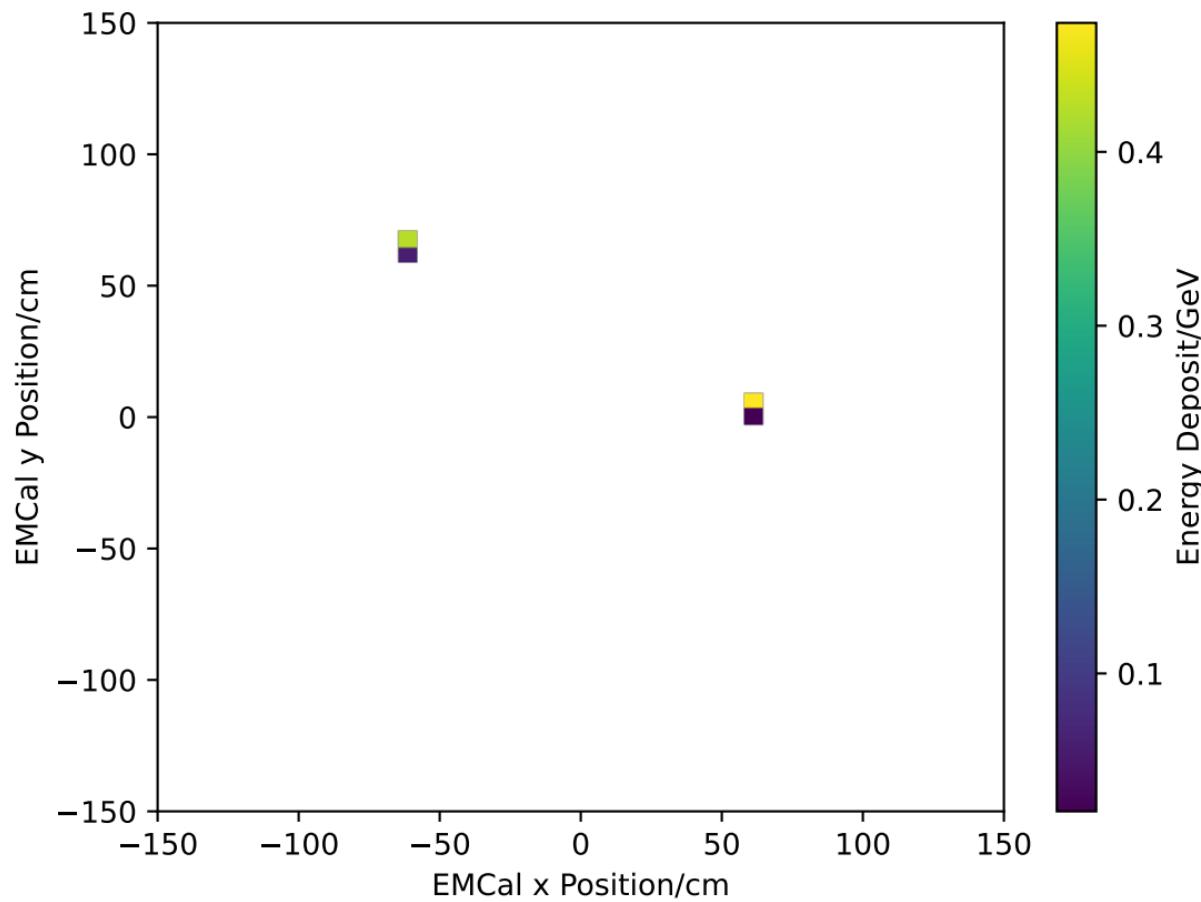
EMCal y Position/cm

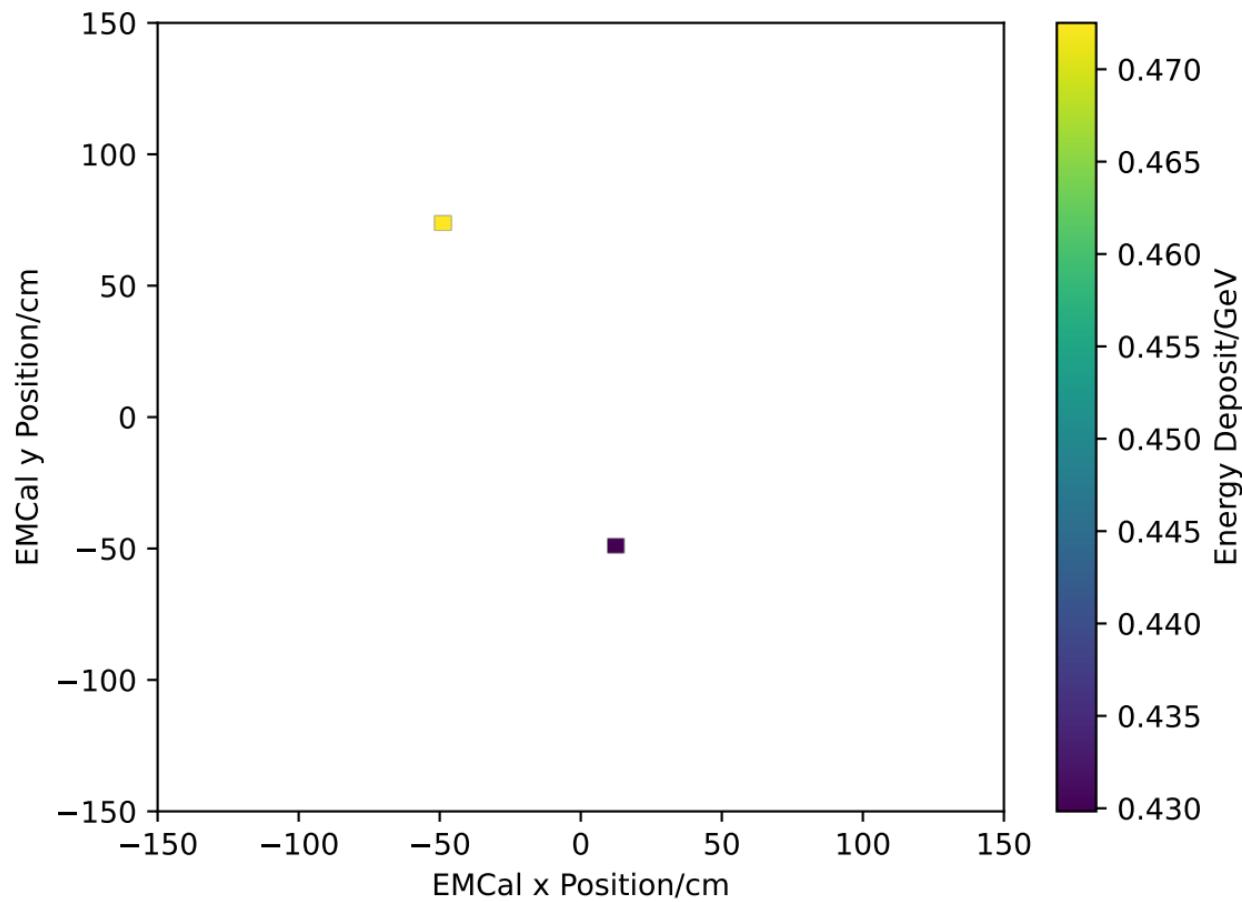


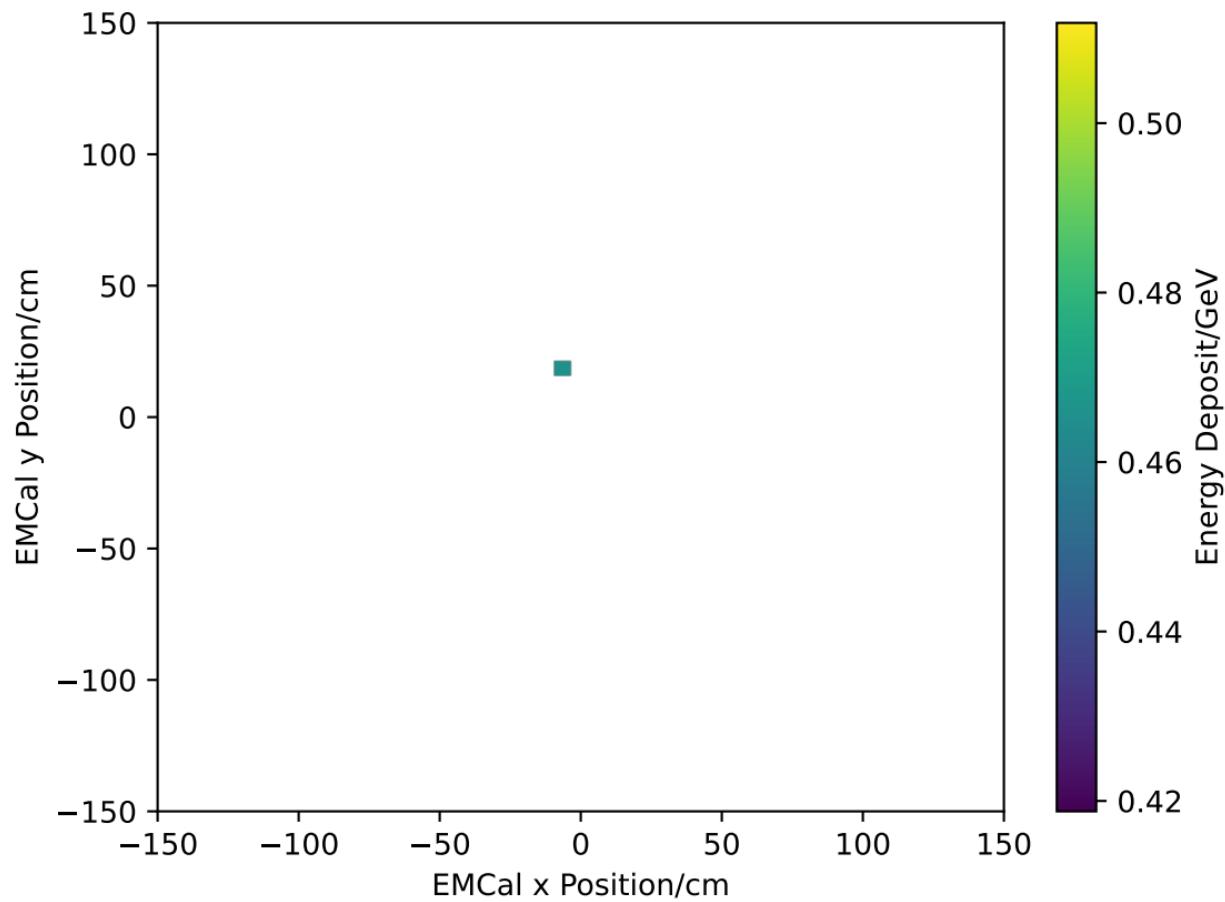
EMCal Energy Deposit/GeV

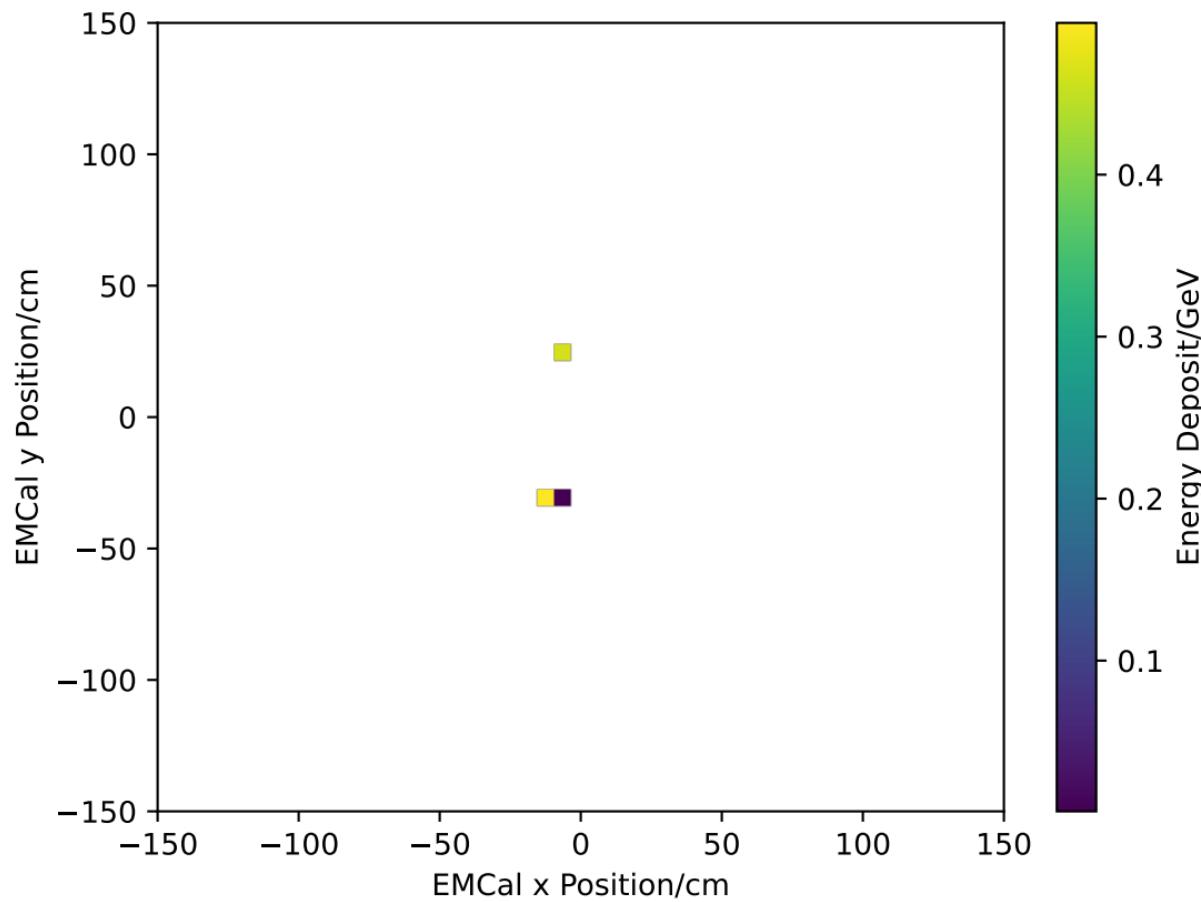




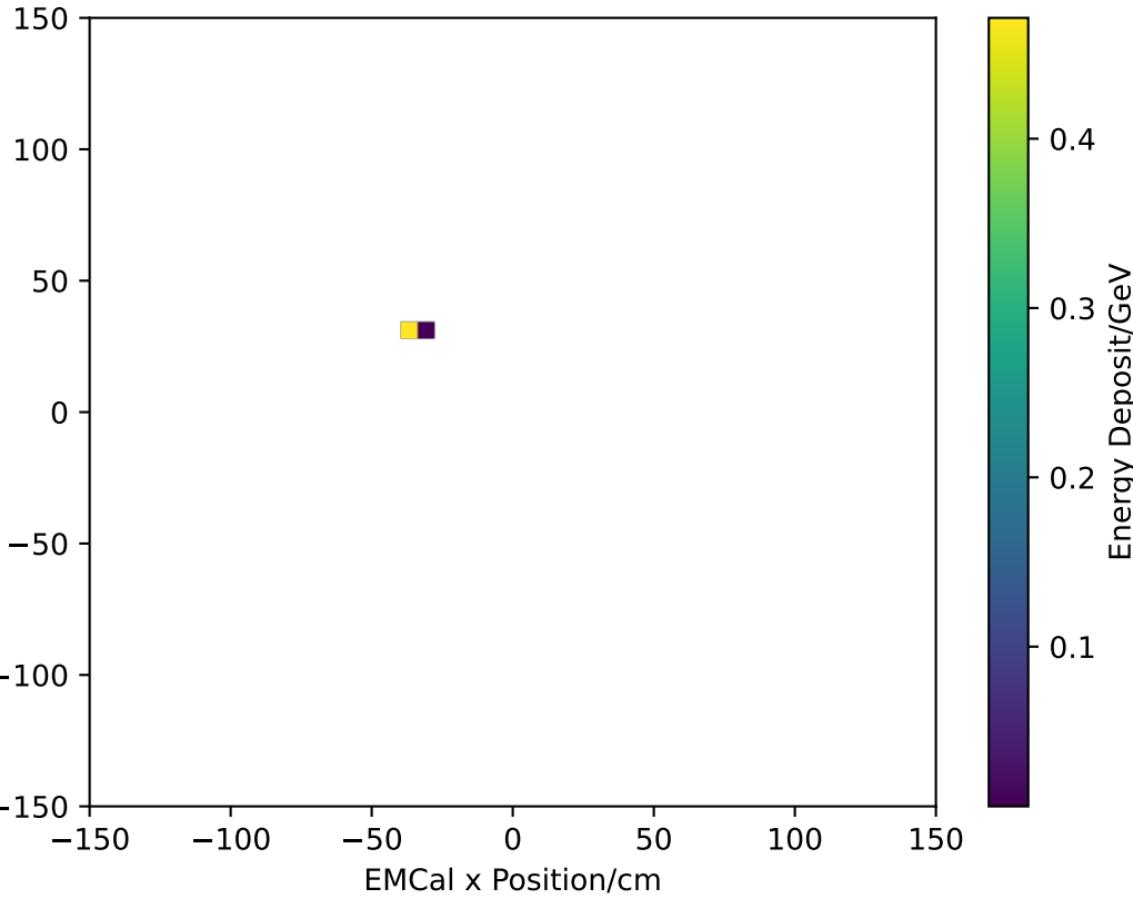


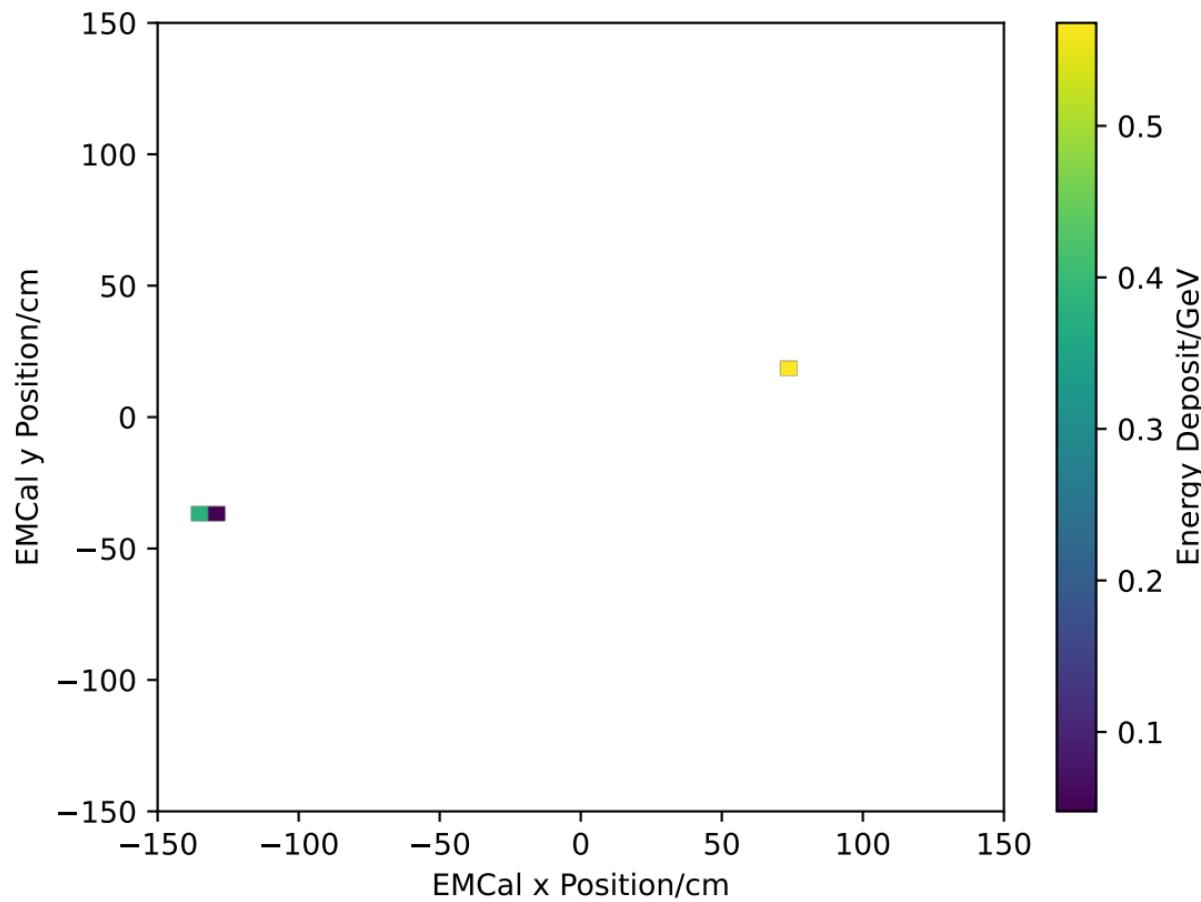






EMCal y Position/cm





EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

50

100

150

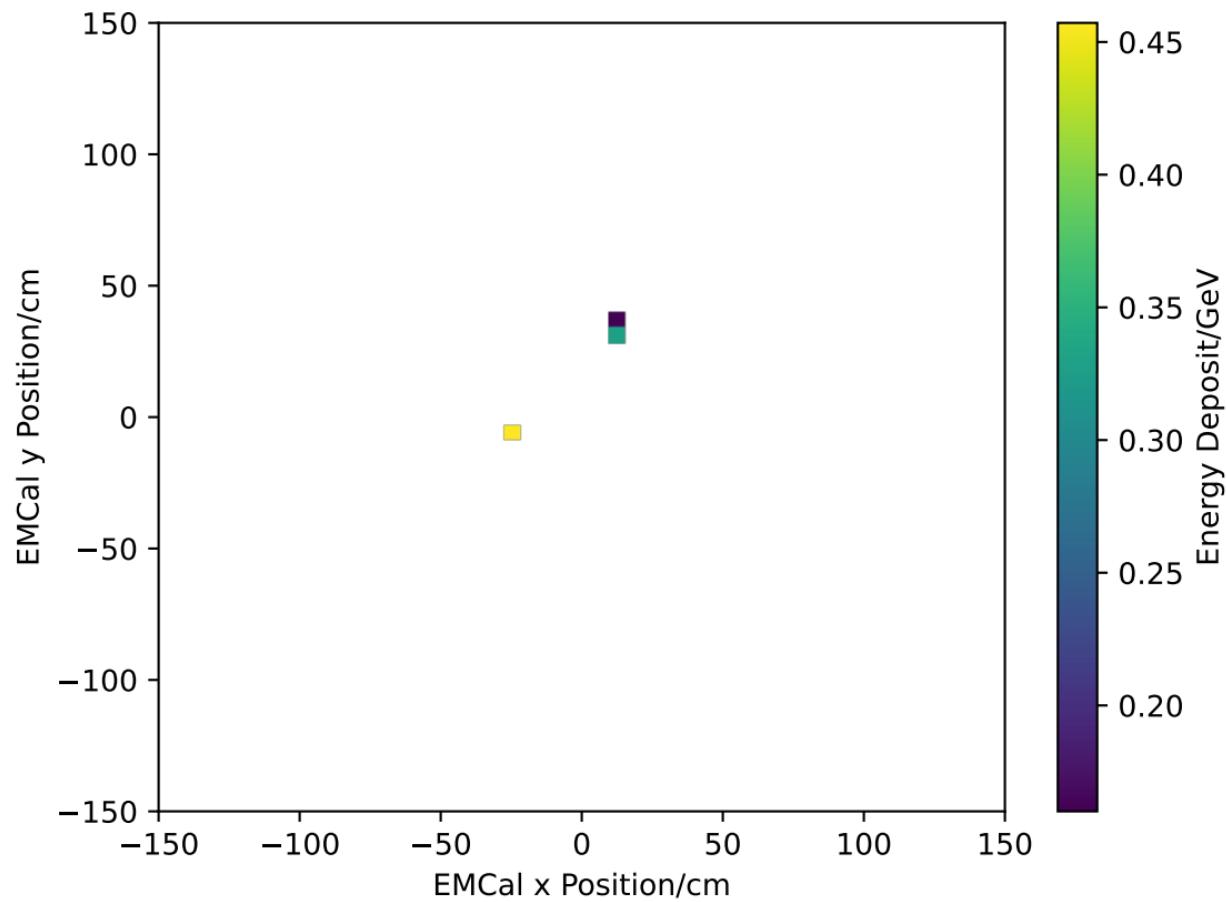
EMCal x Position/cm

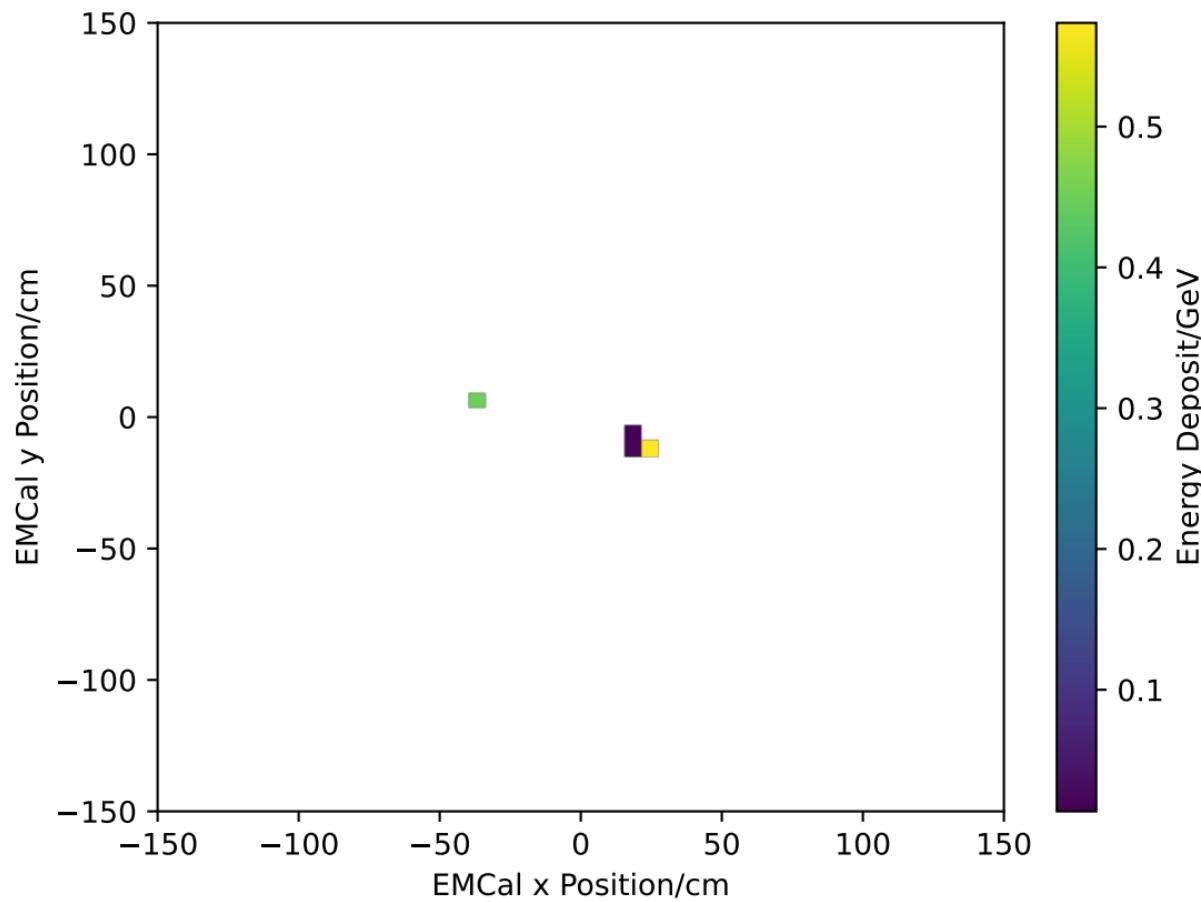


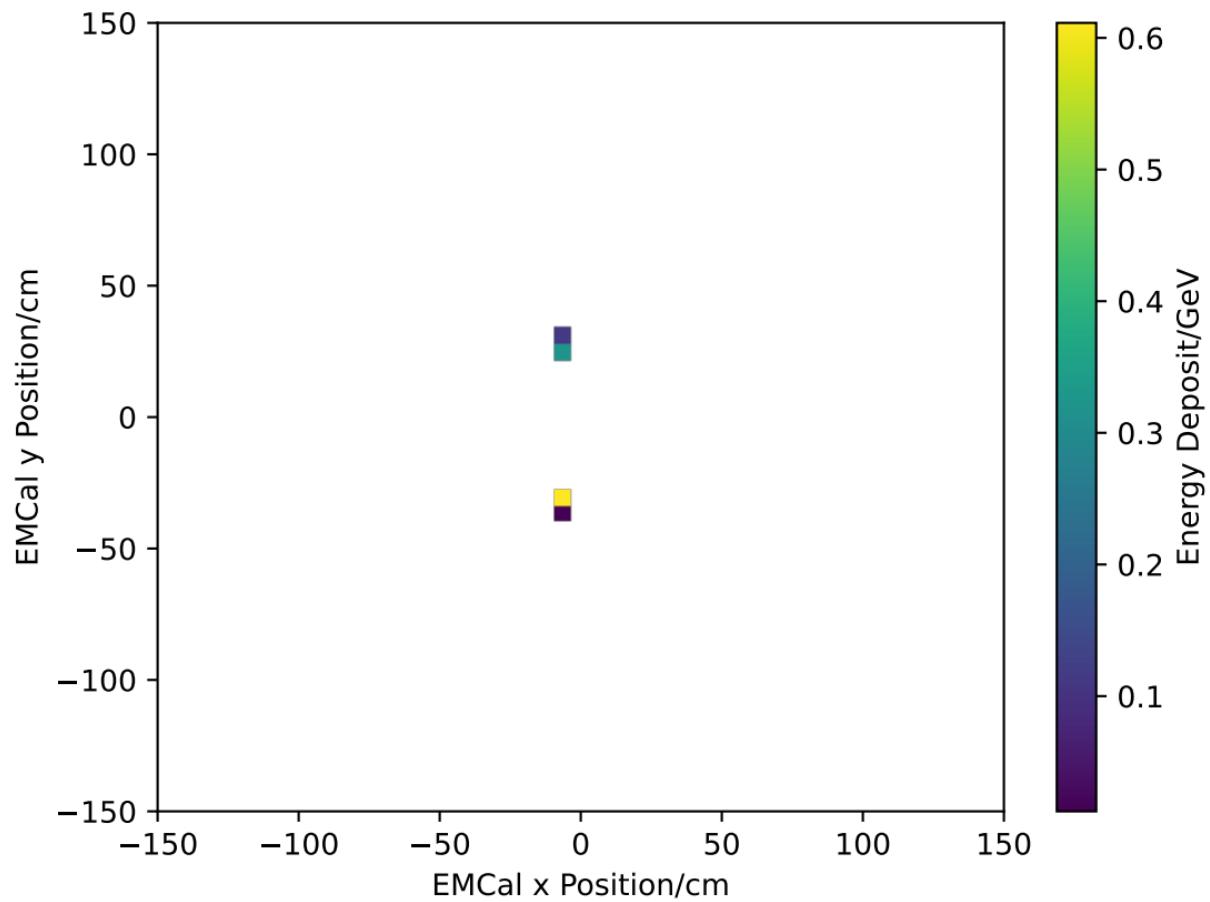
Energy Deposit/GeV

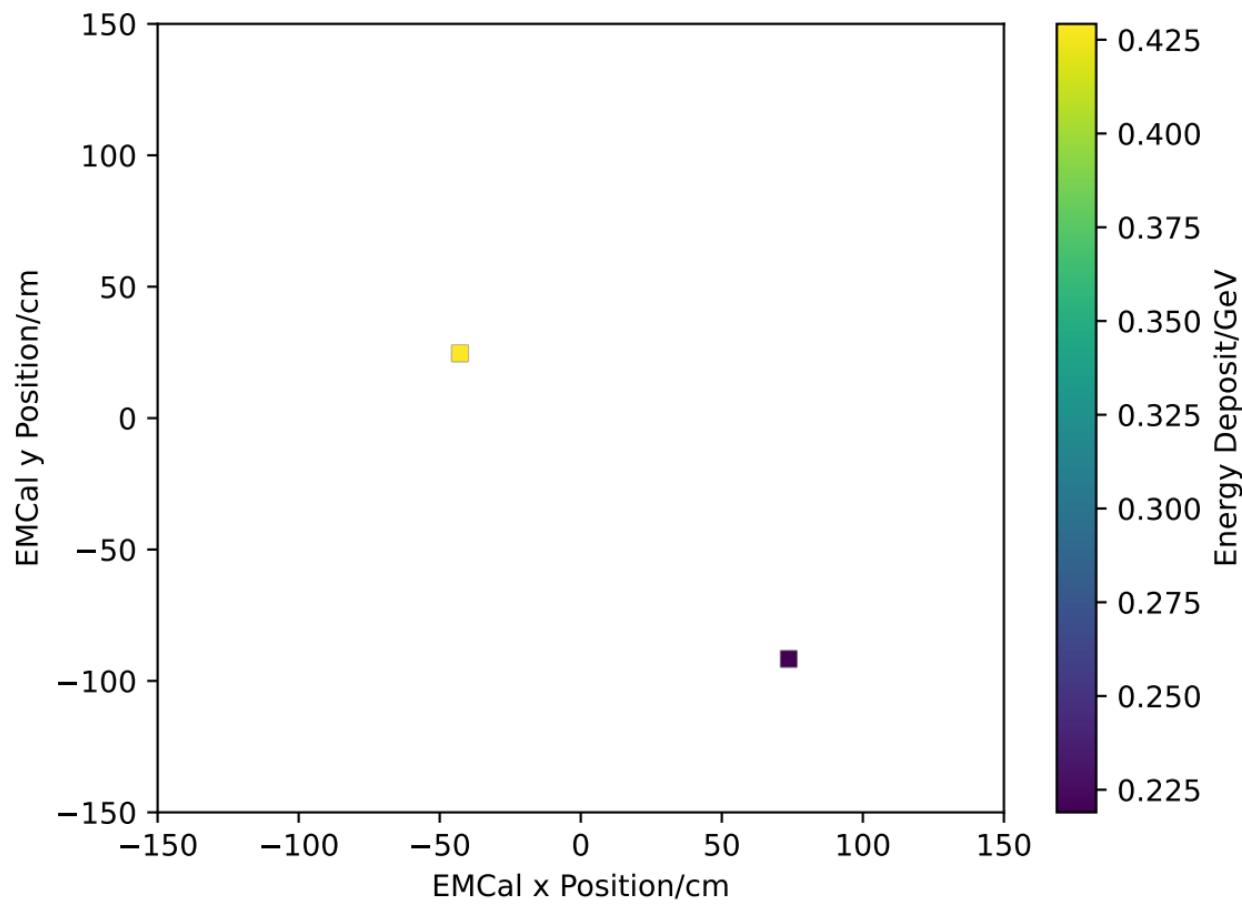
0

100









EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

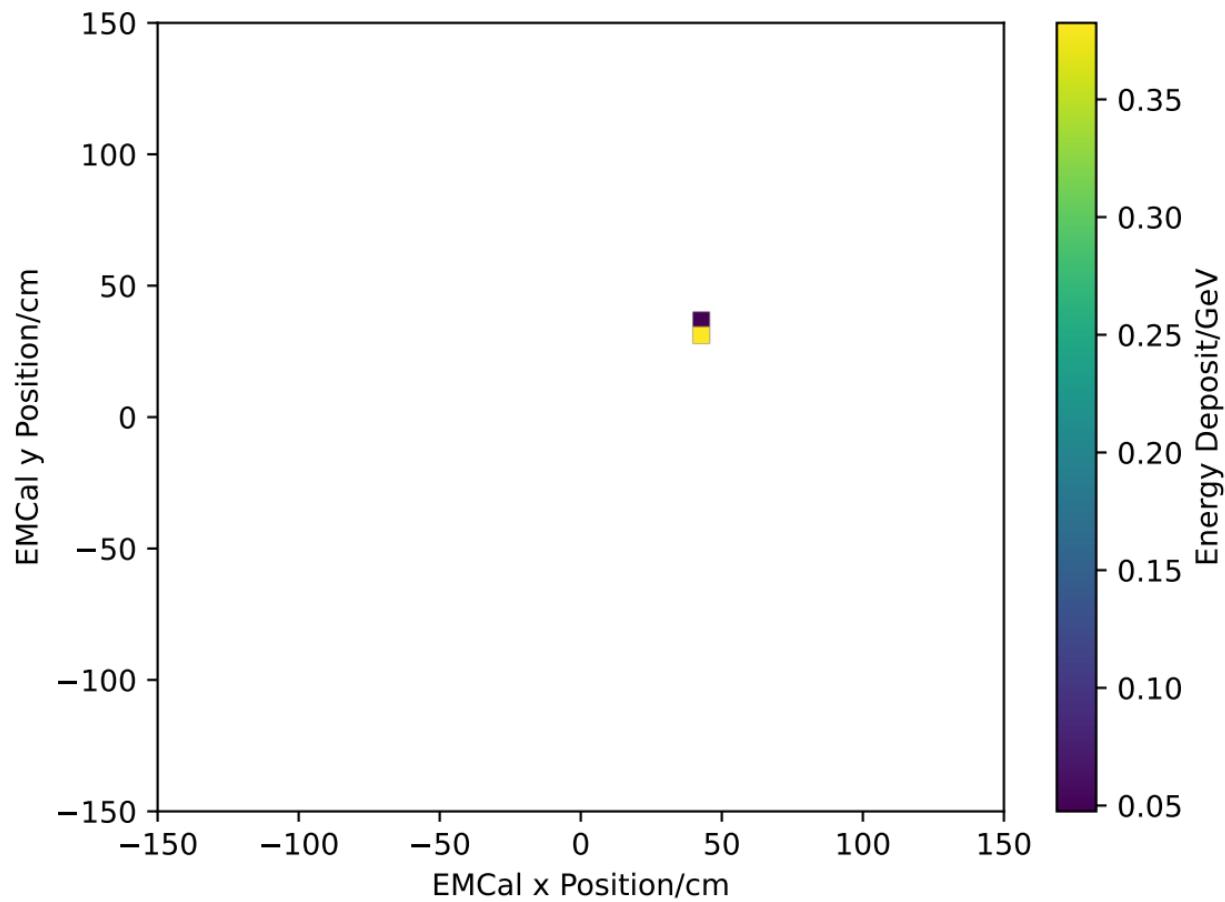
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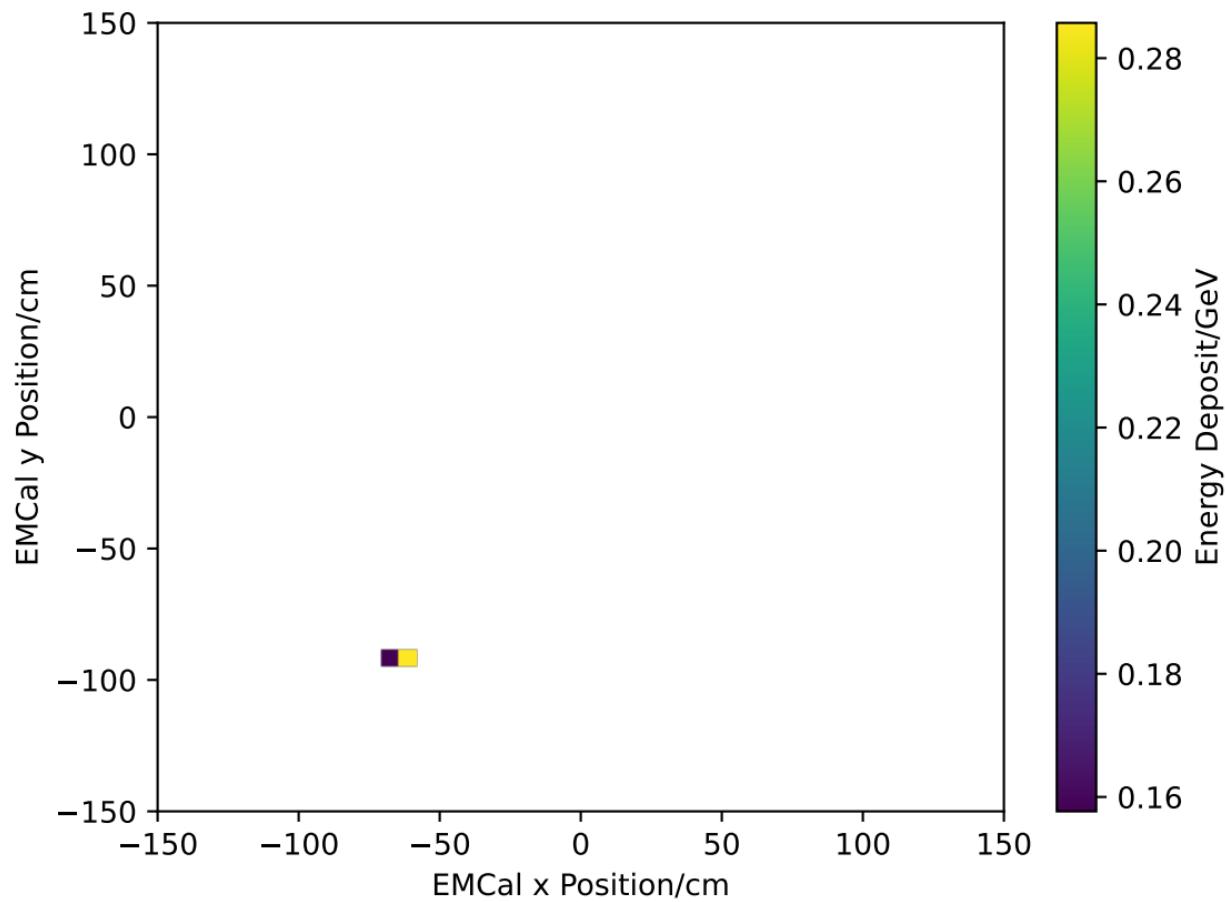
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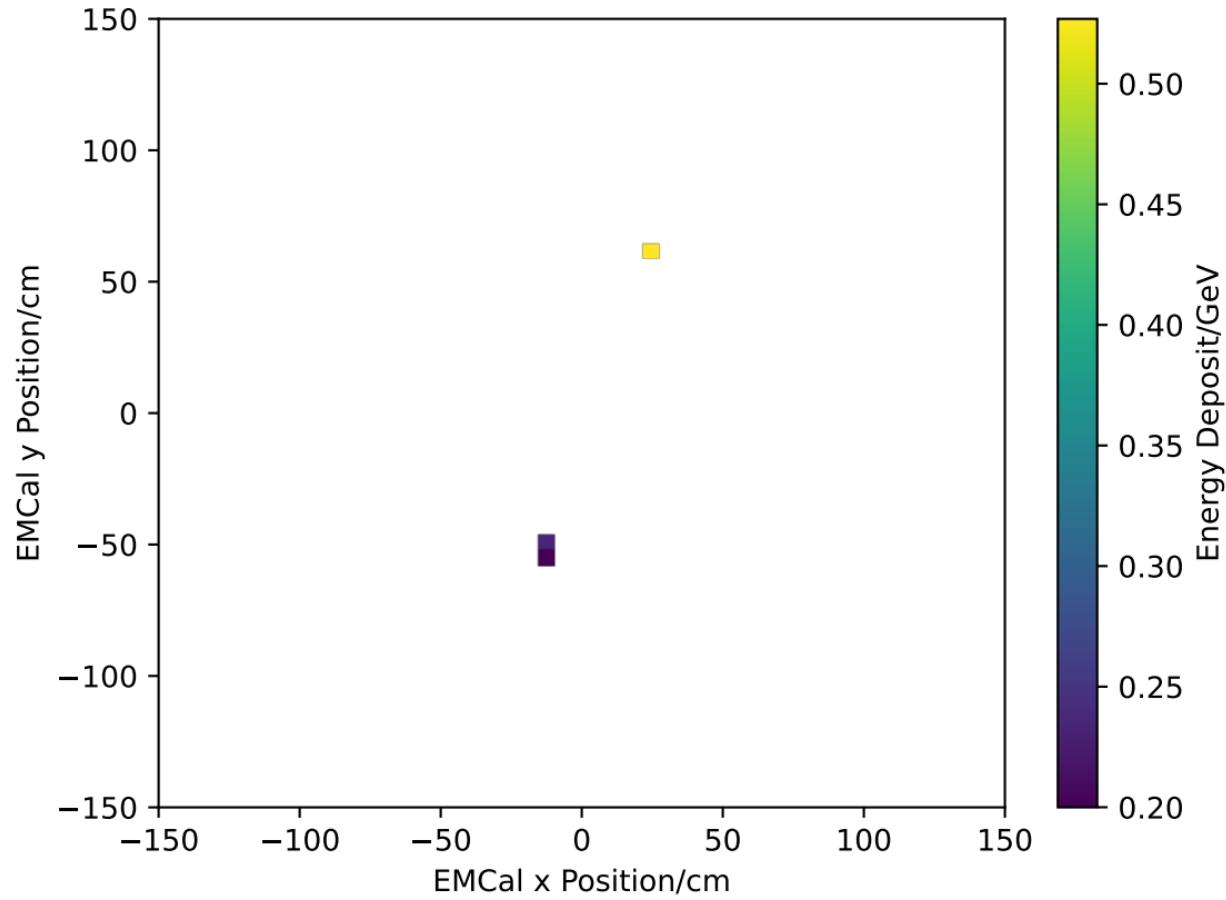
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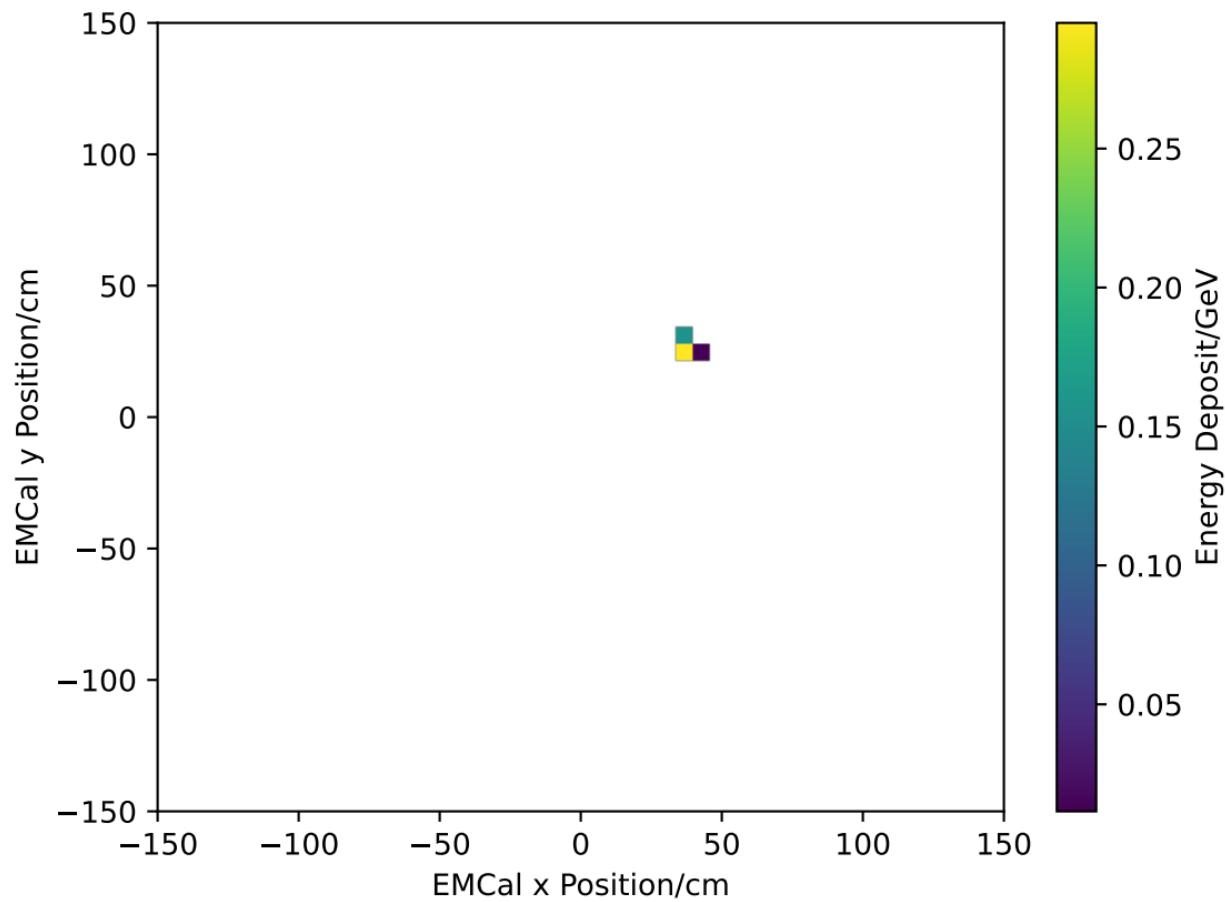
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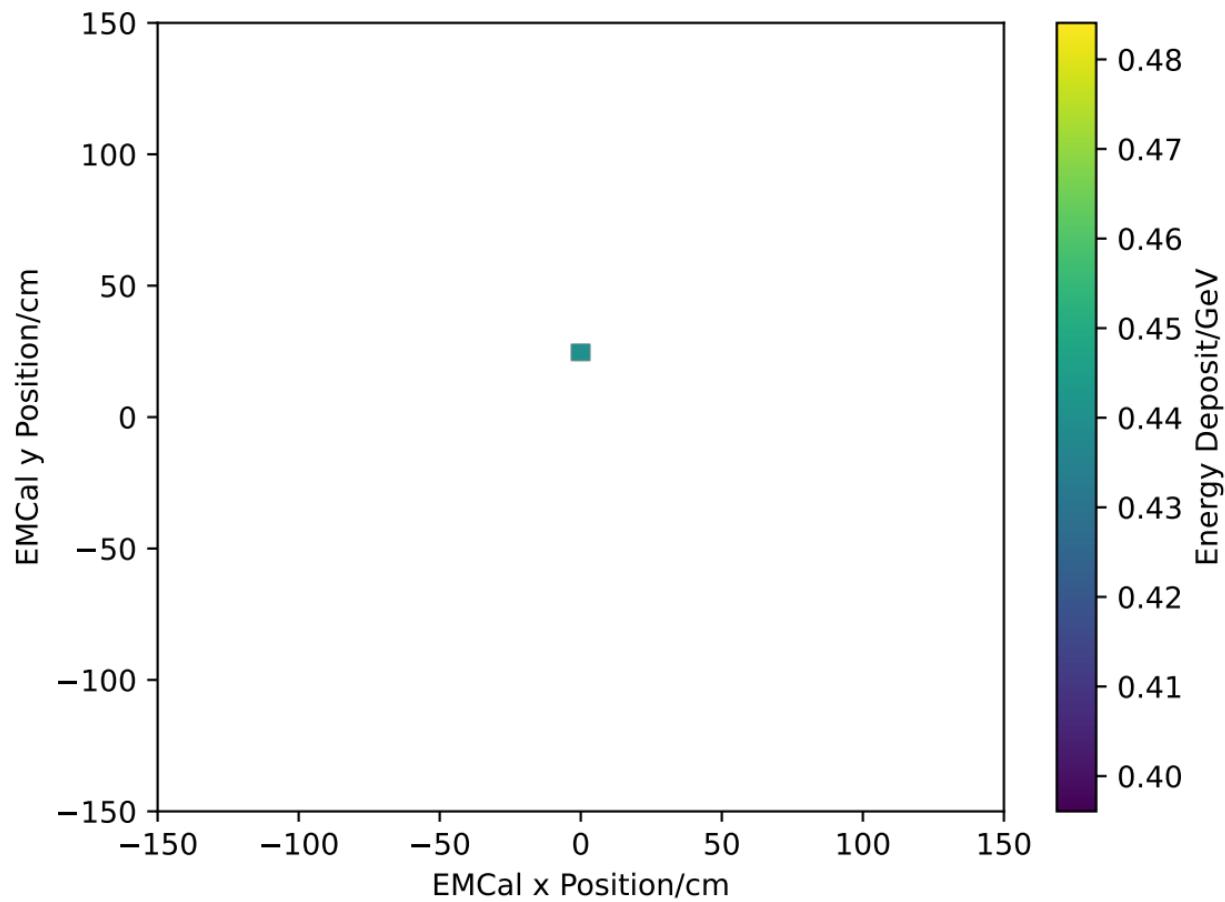
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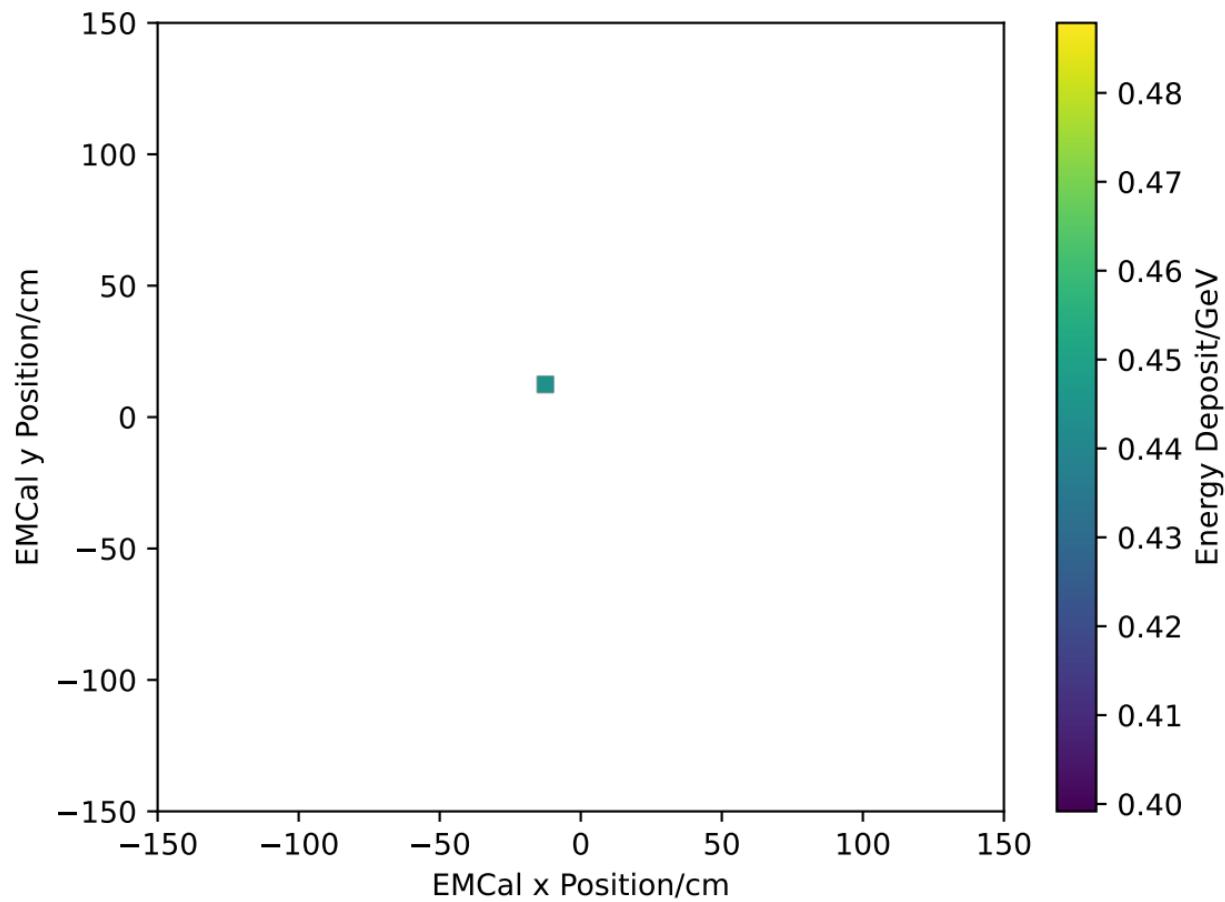


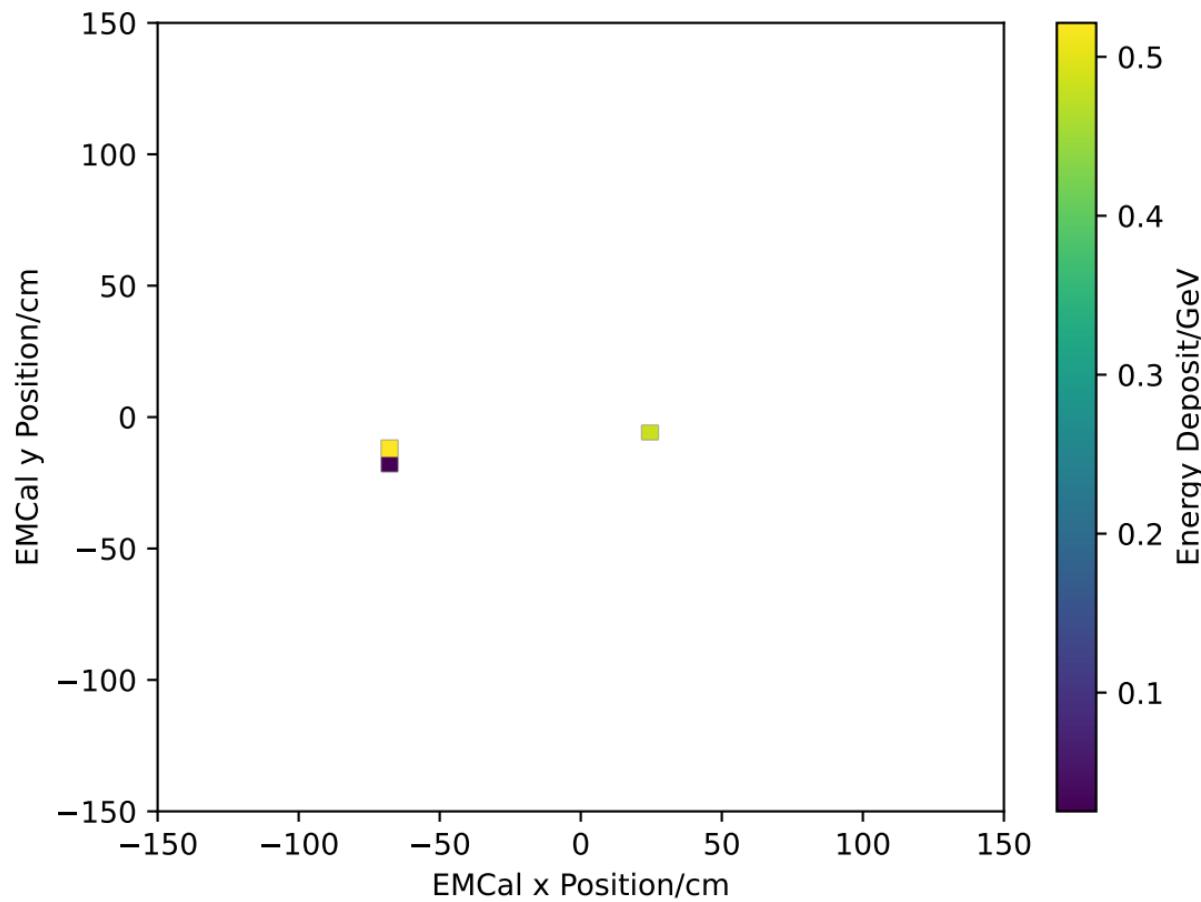


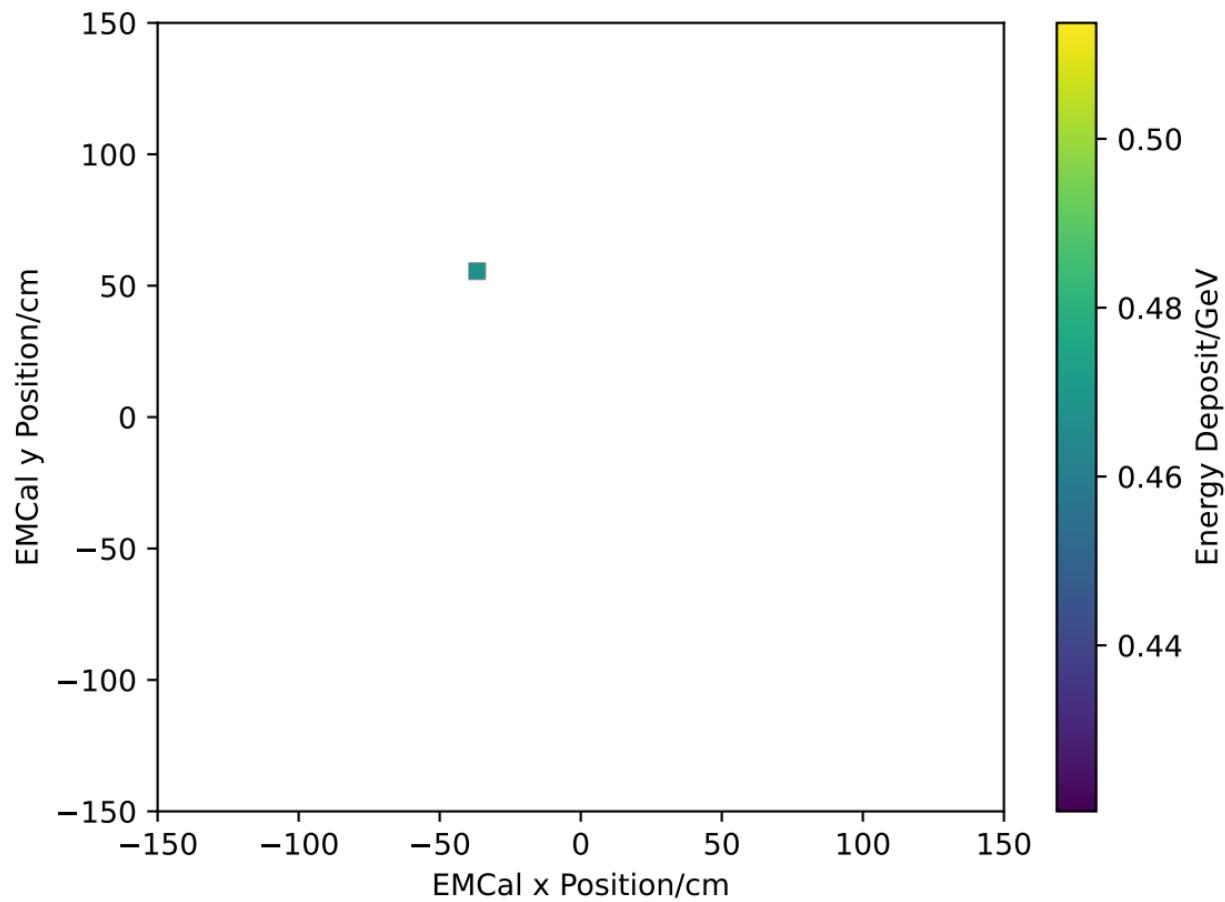


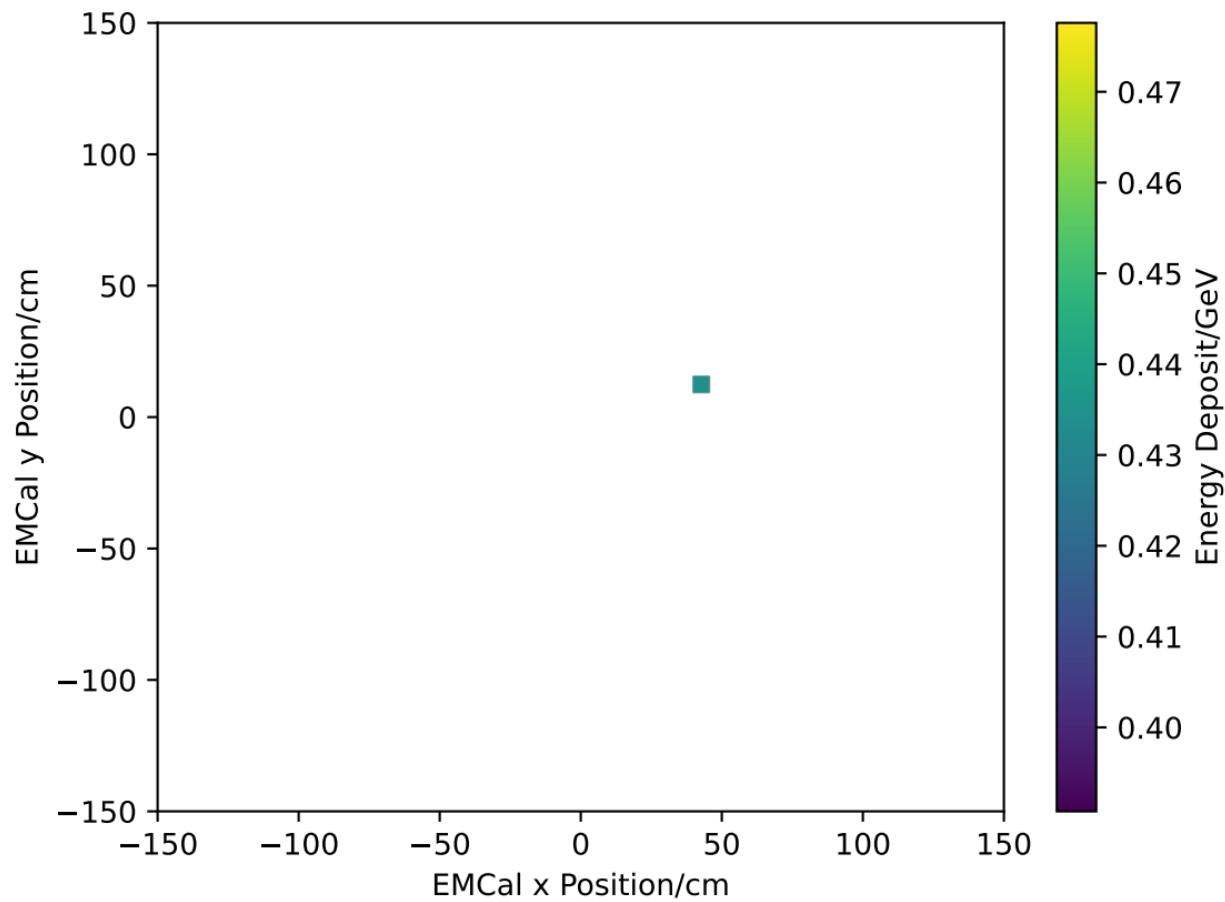


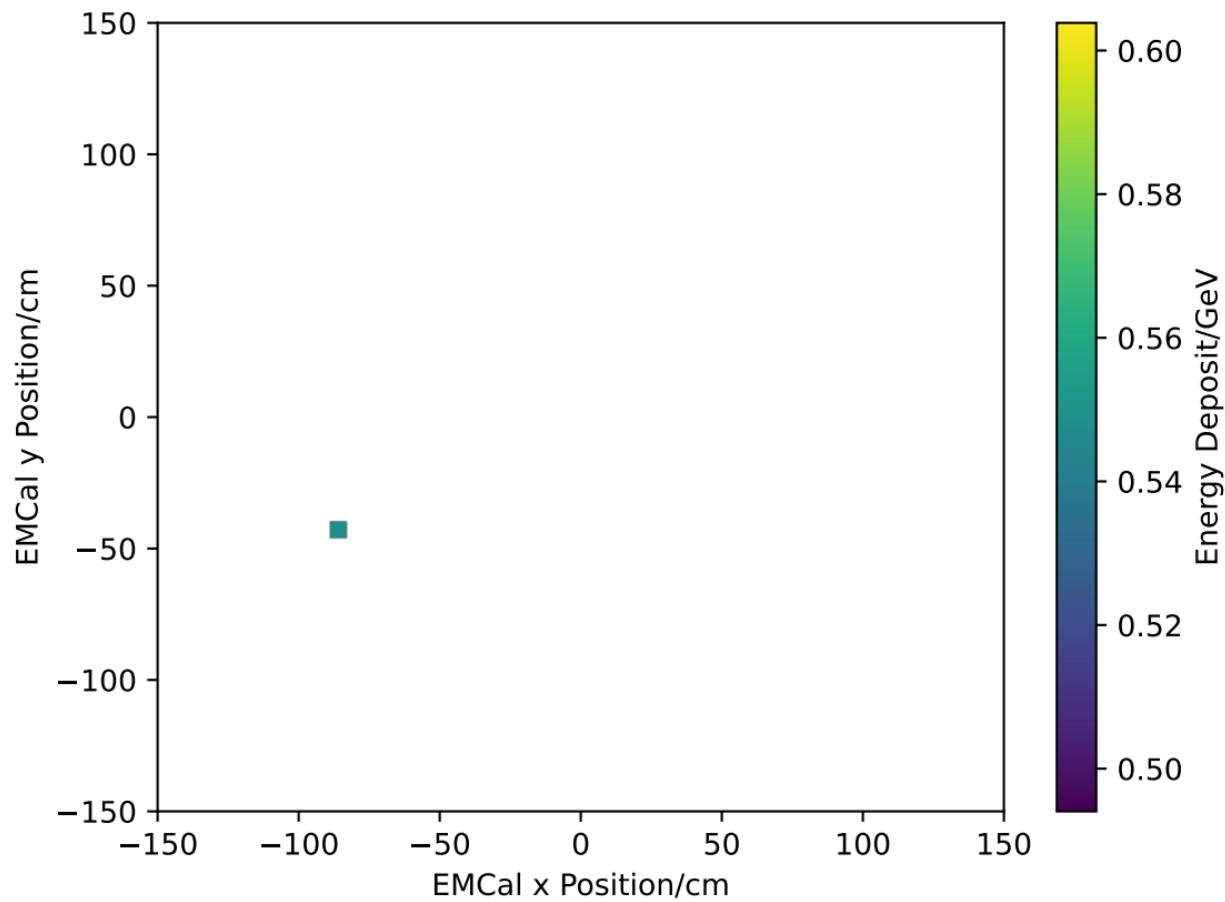


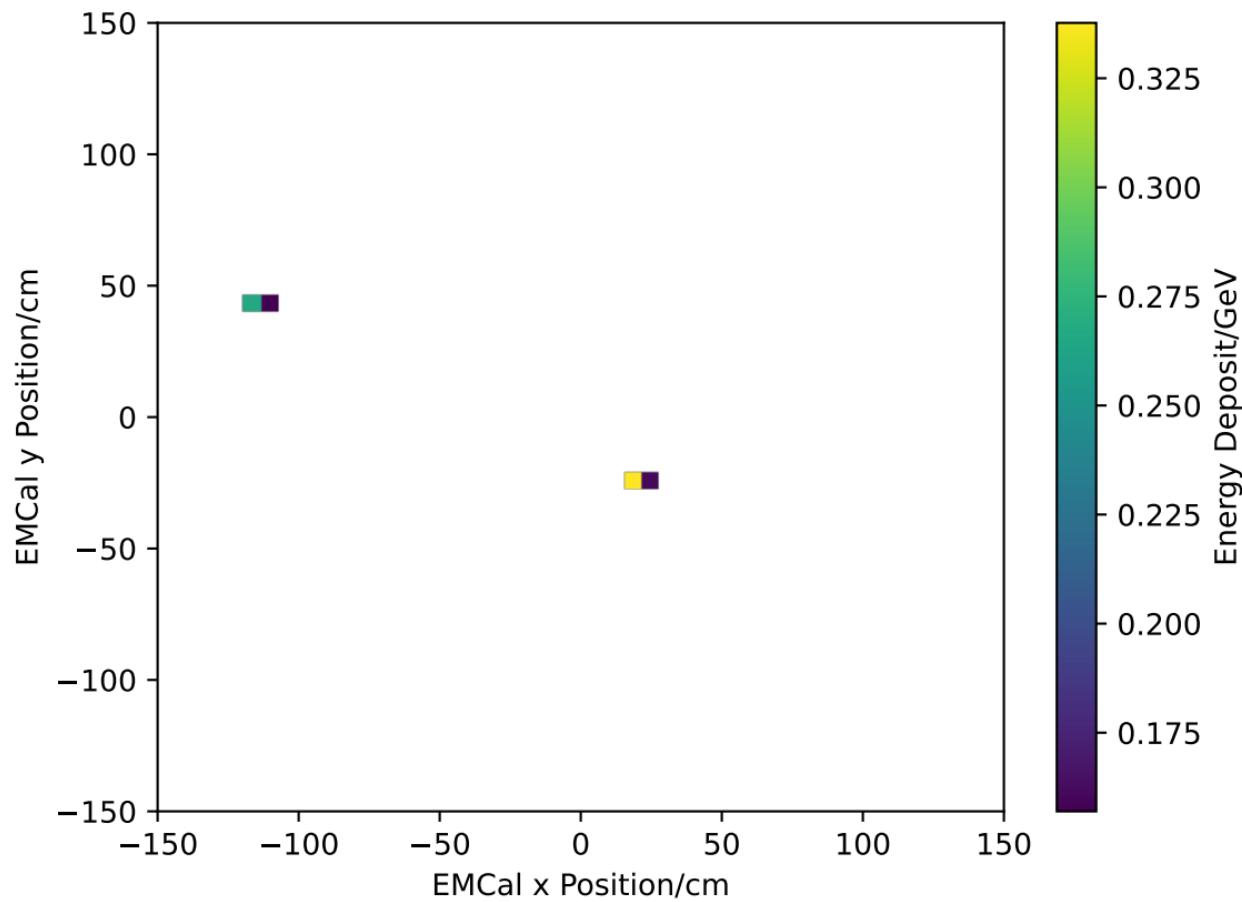


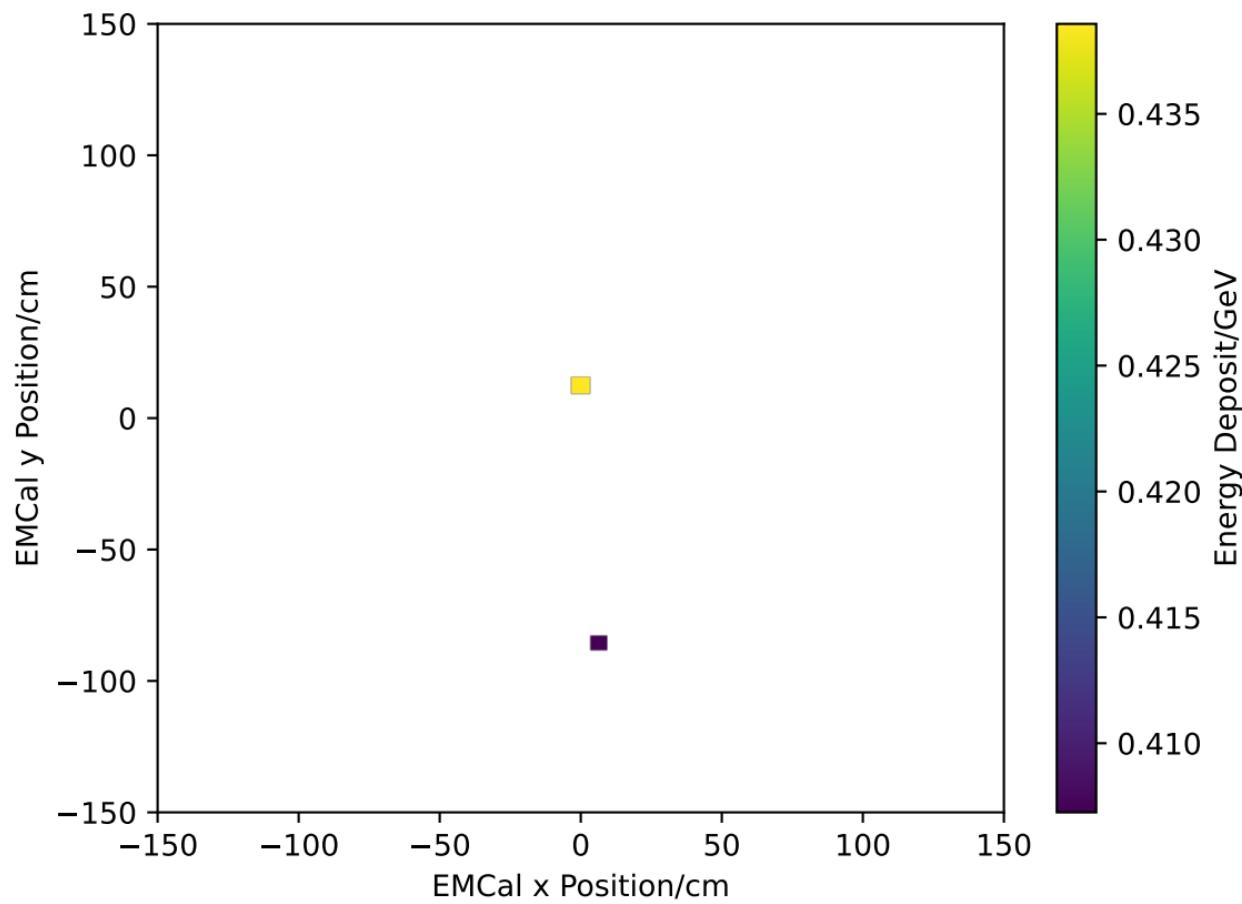


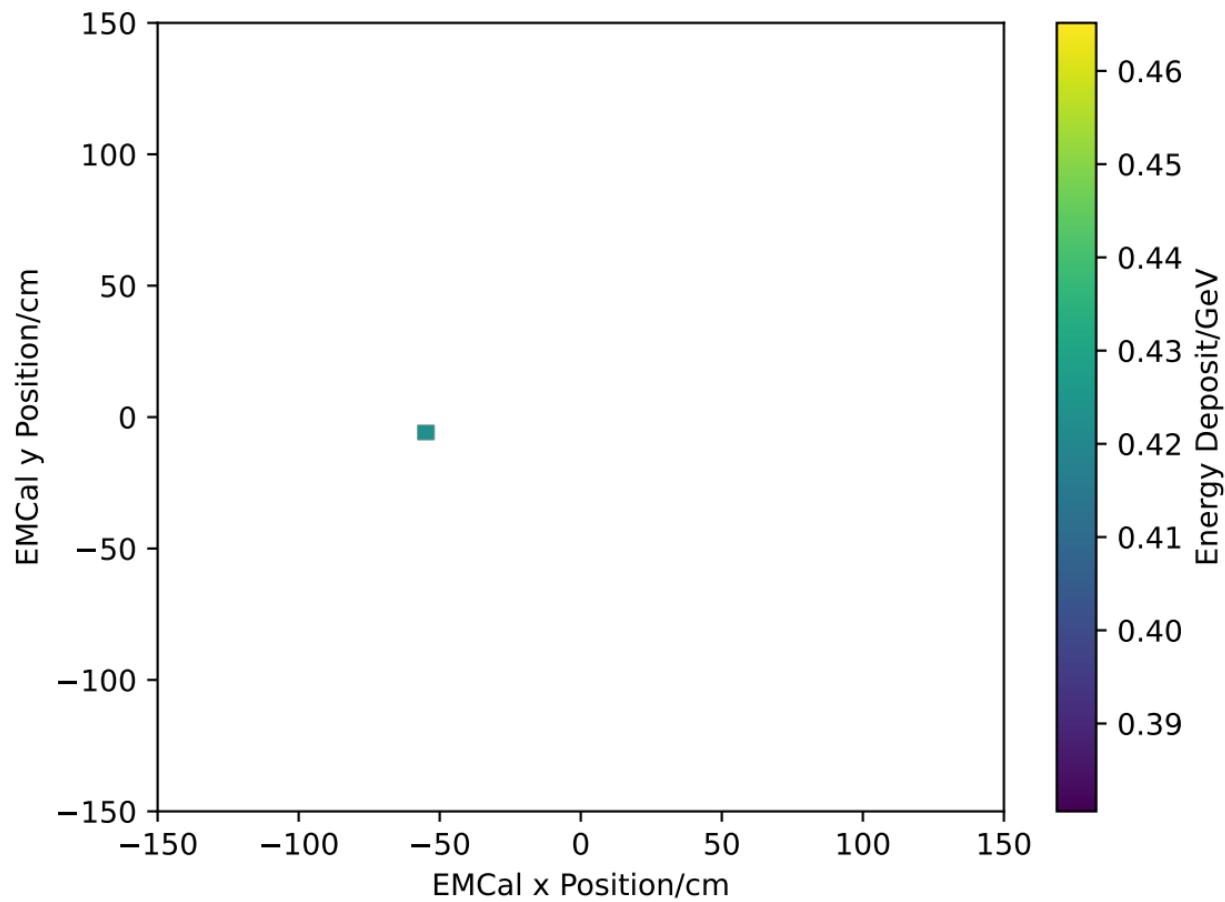




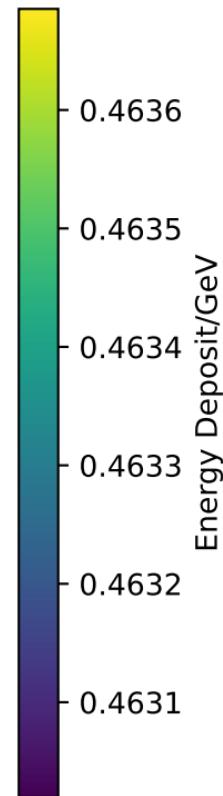
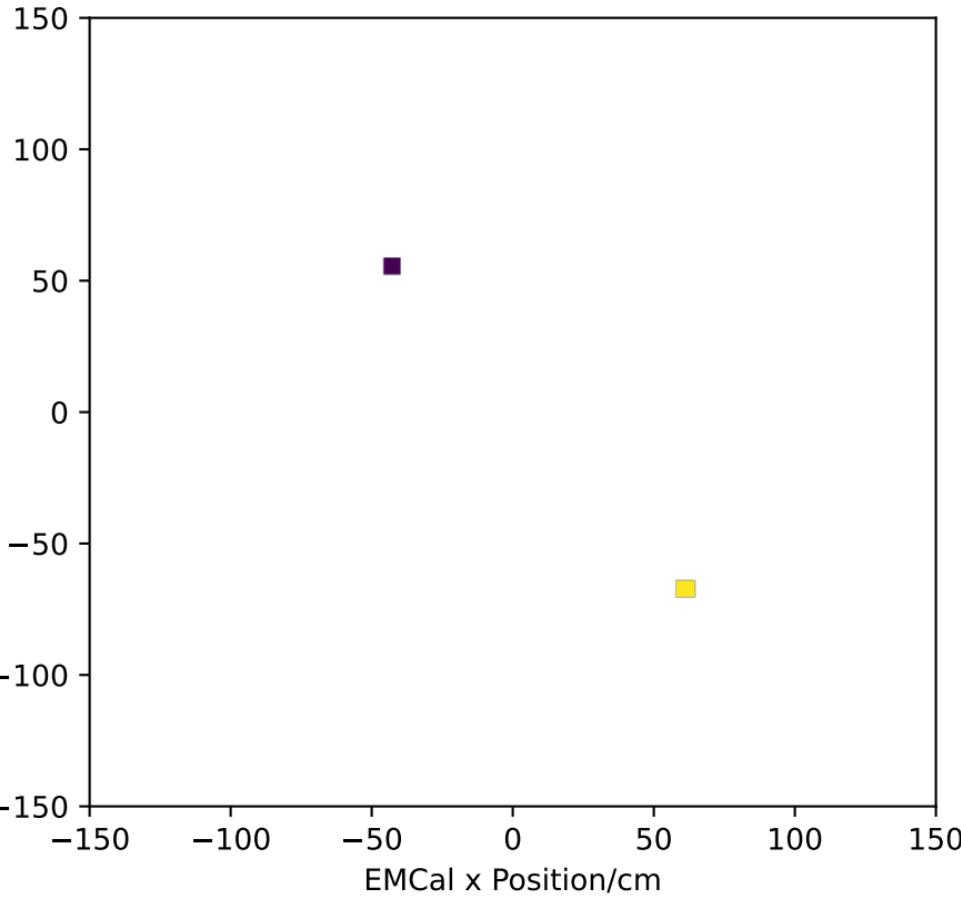


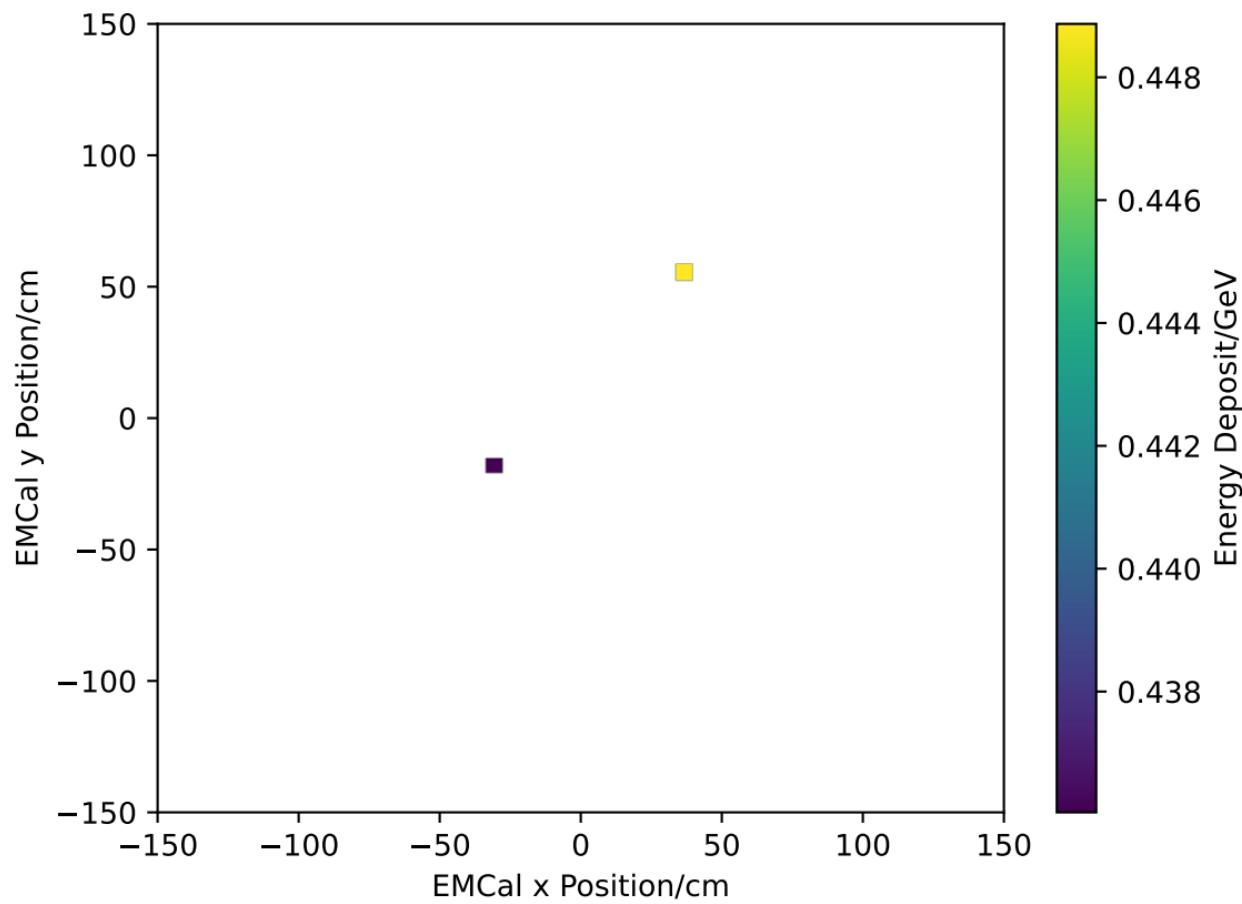


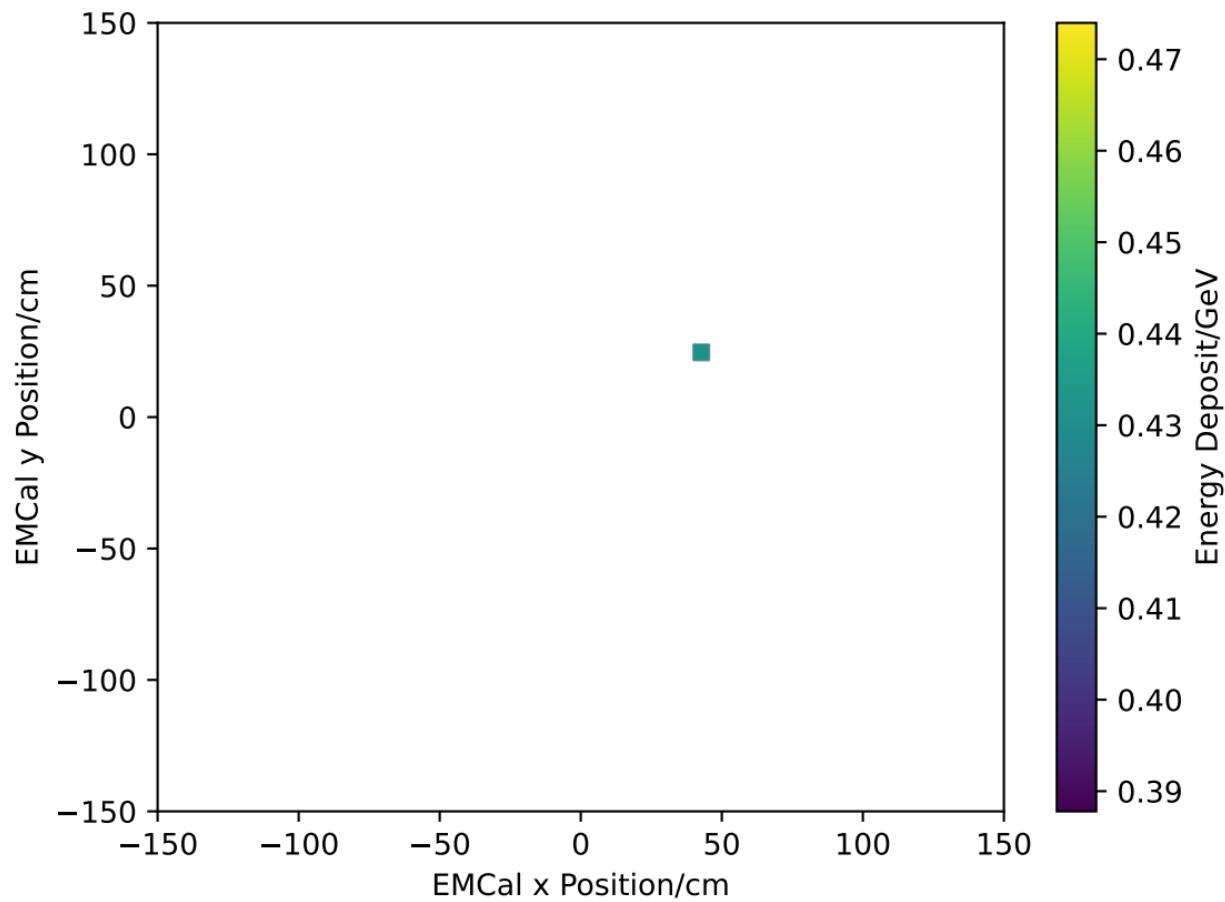


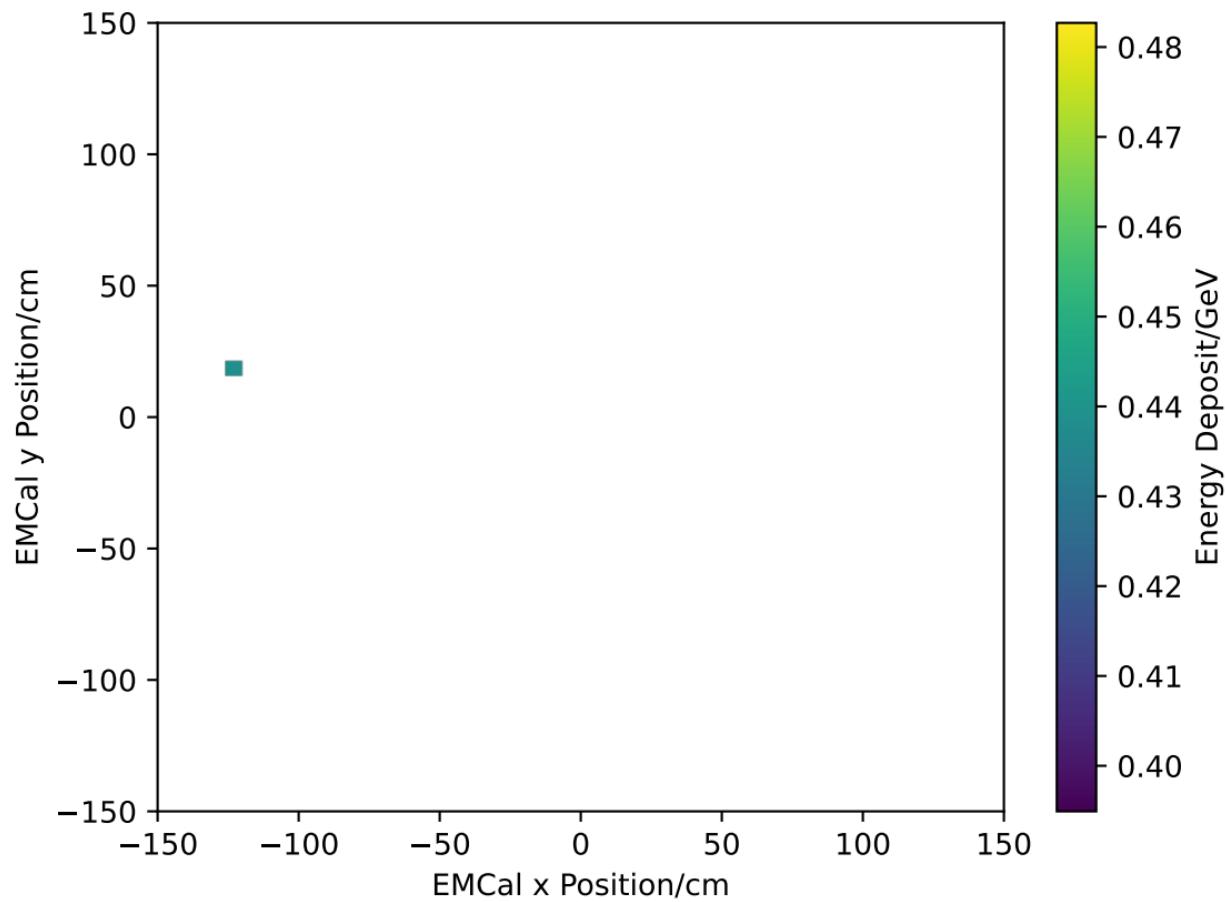


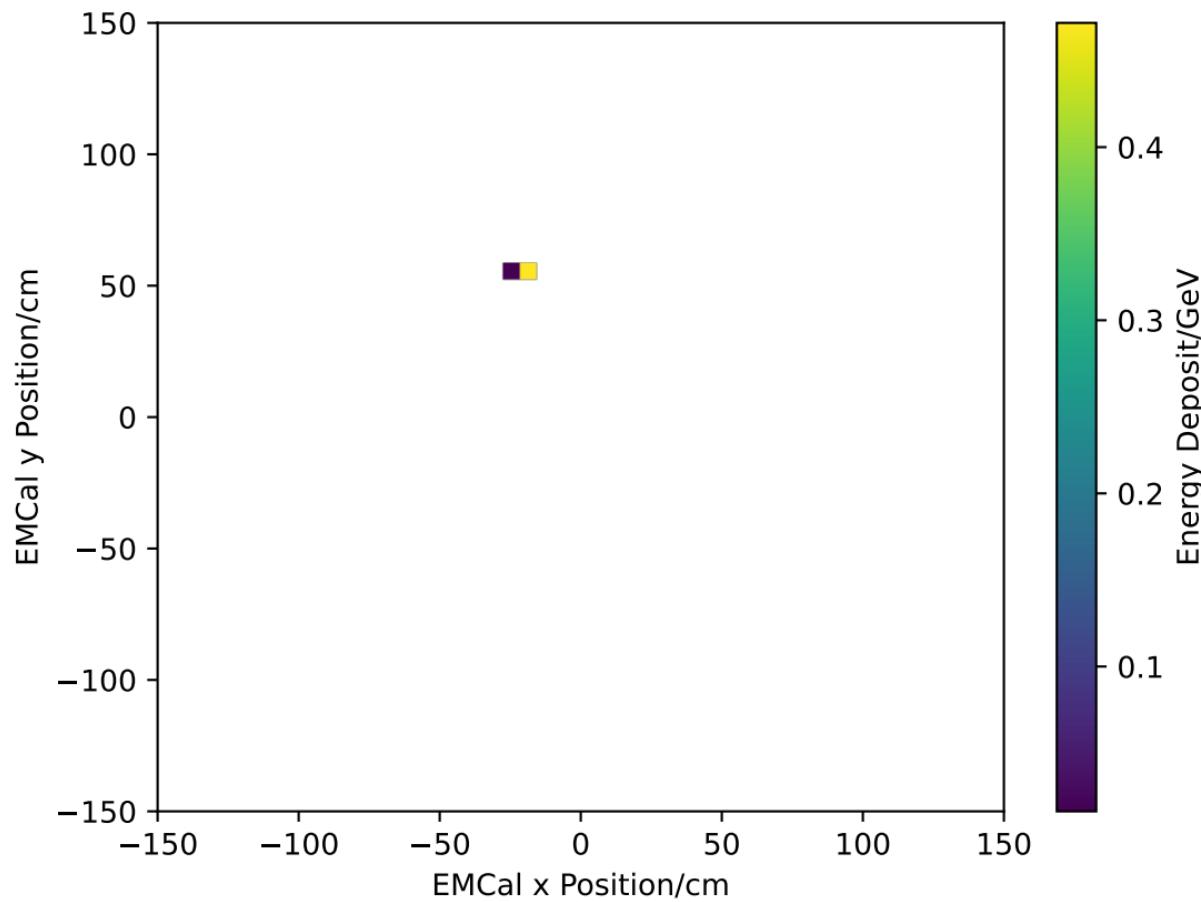
EMCal y Position/cm

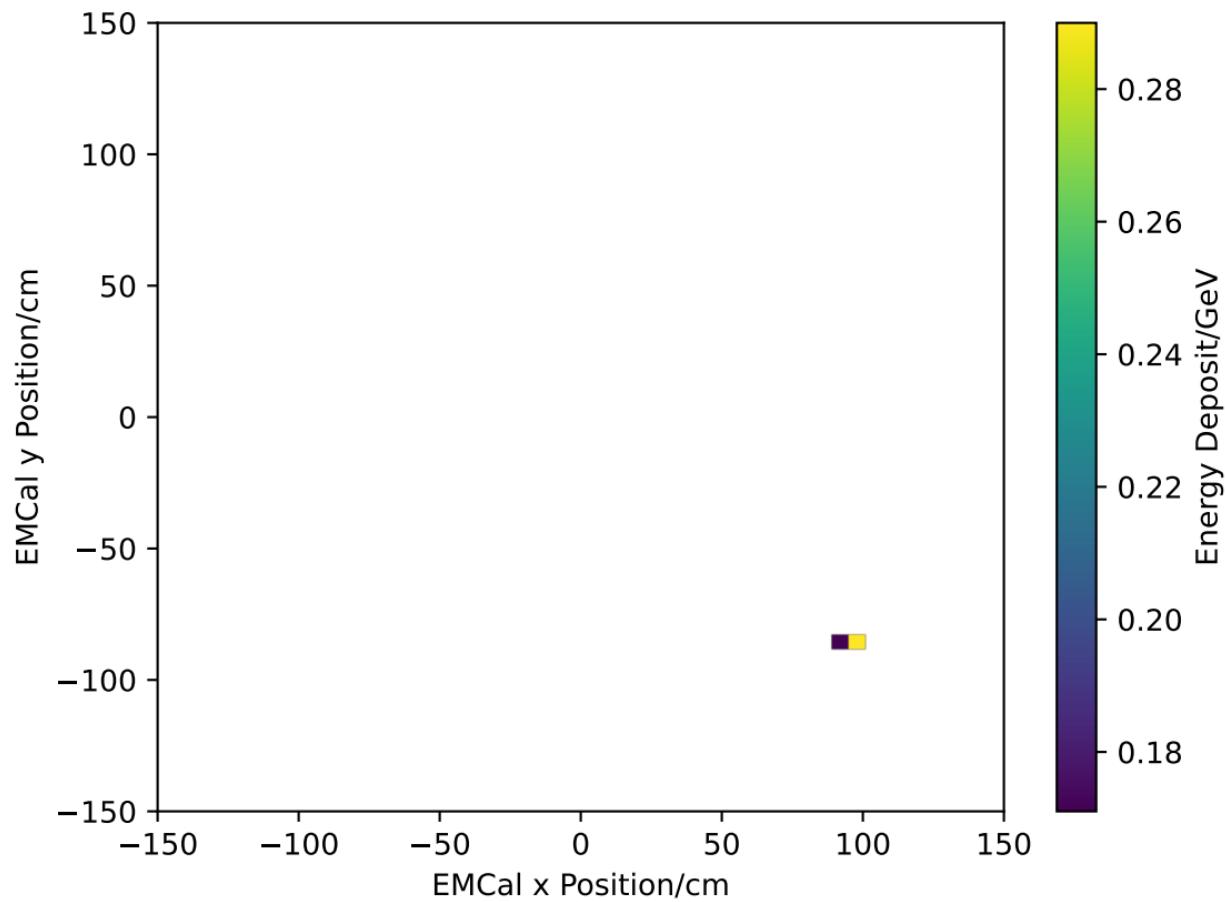


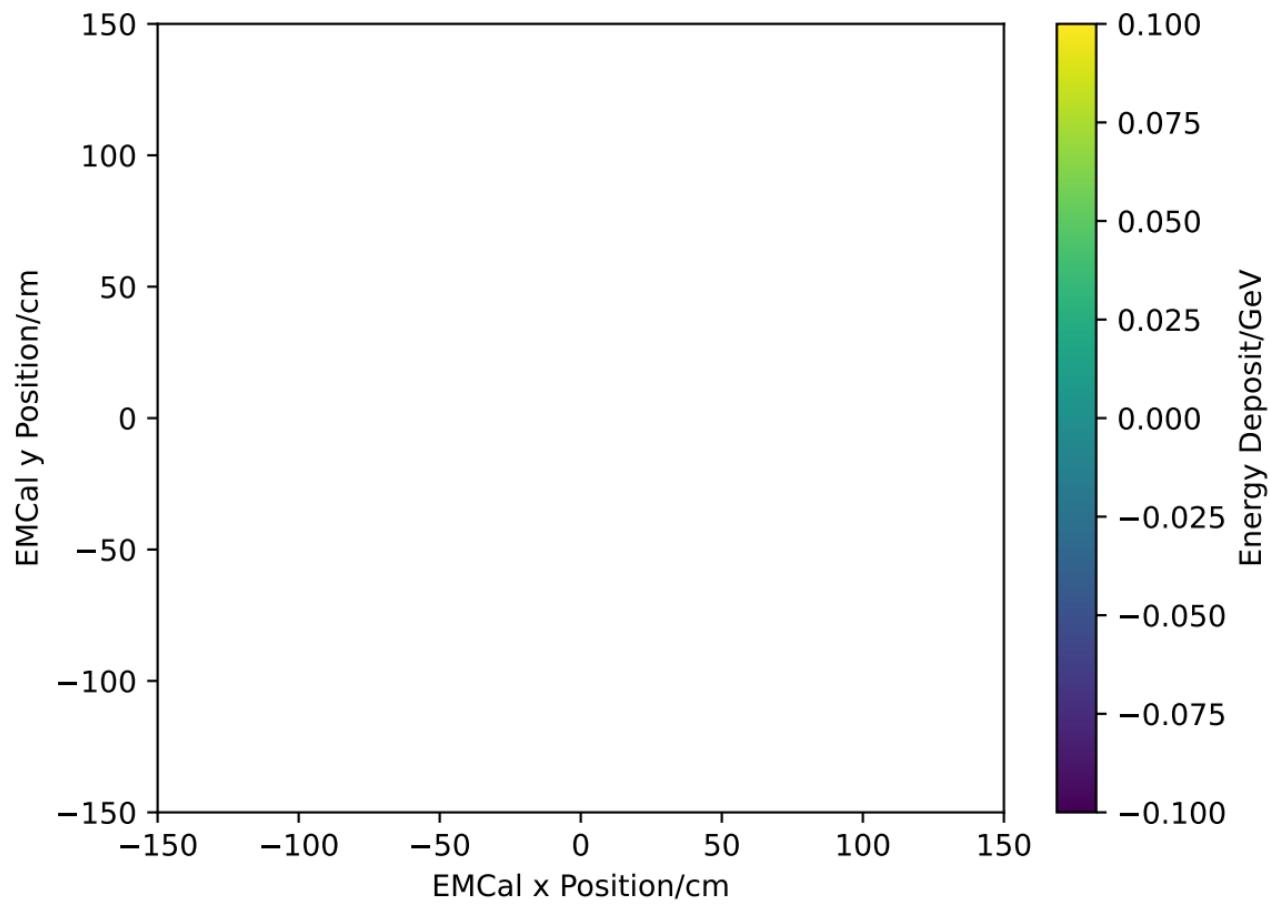


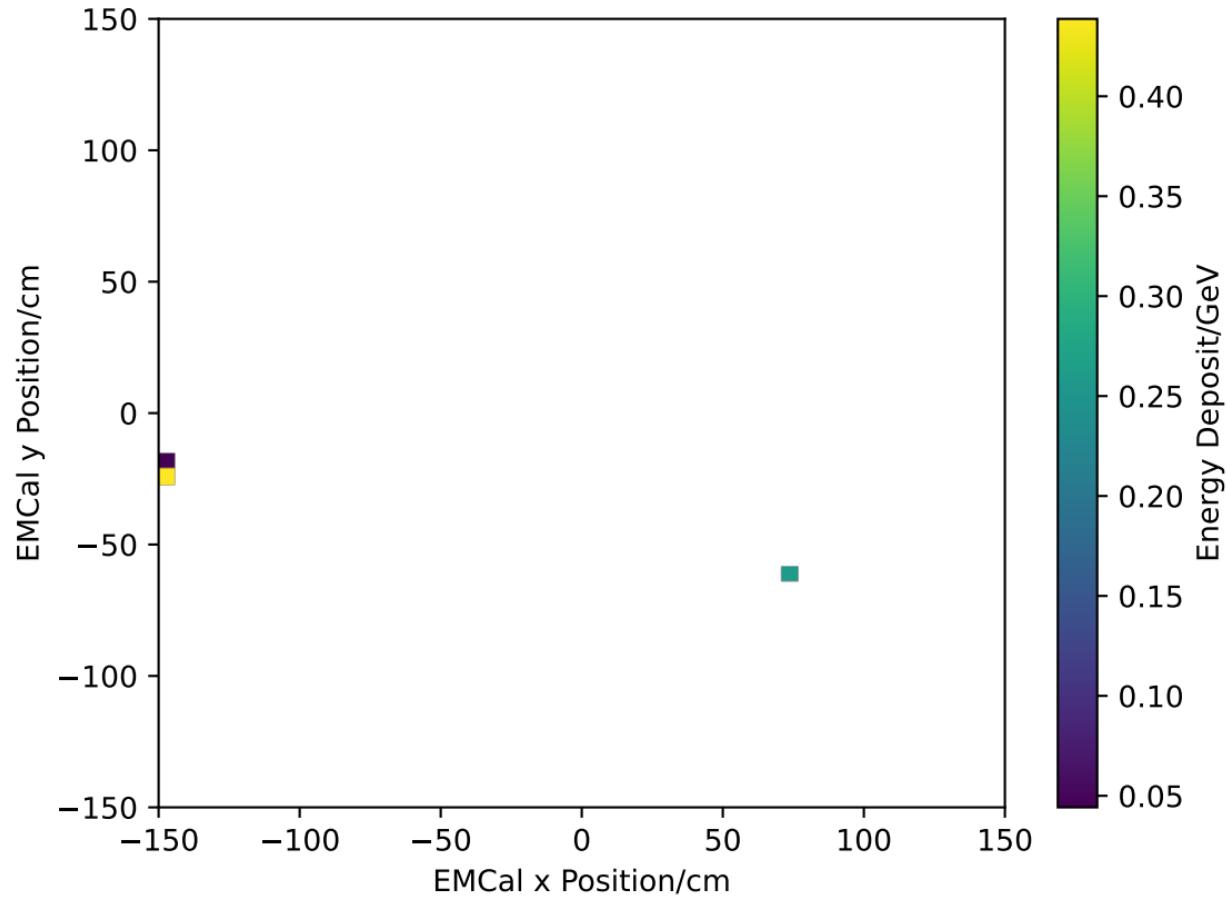


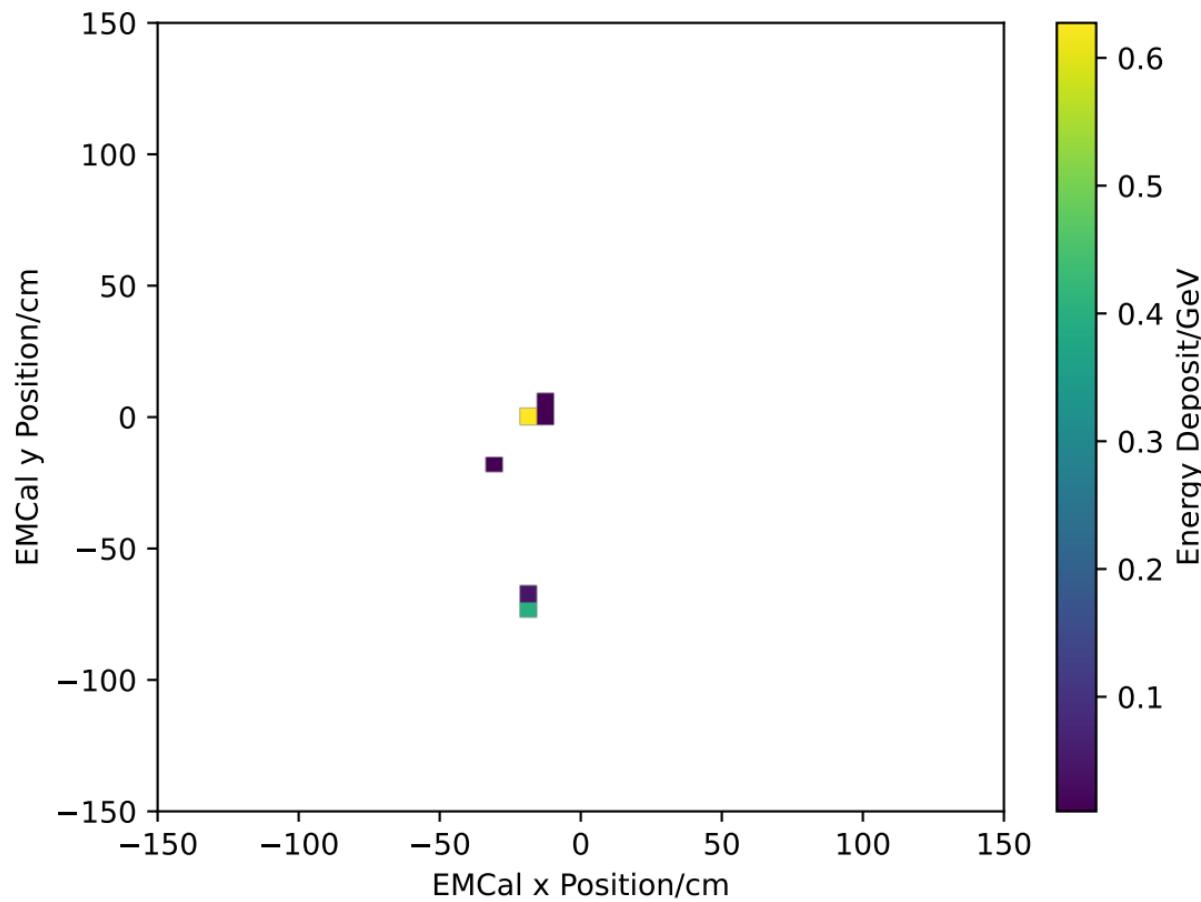












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



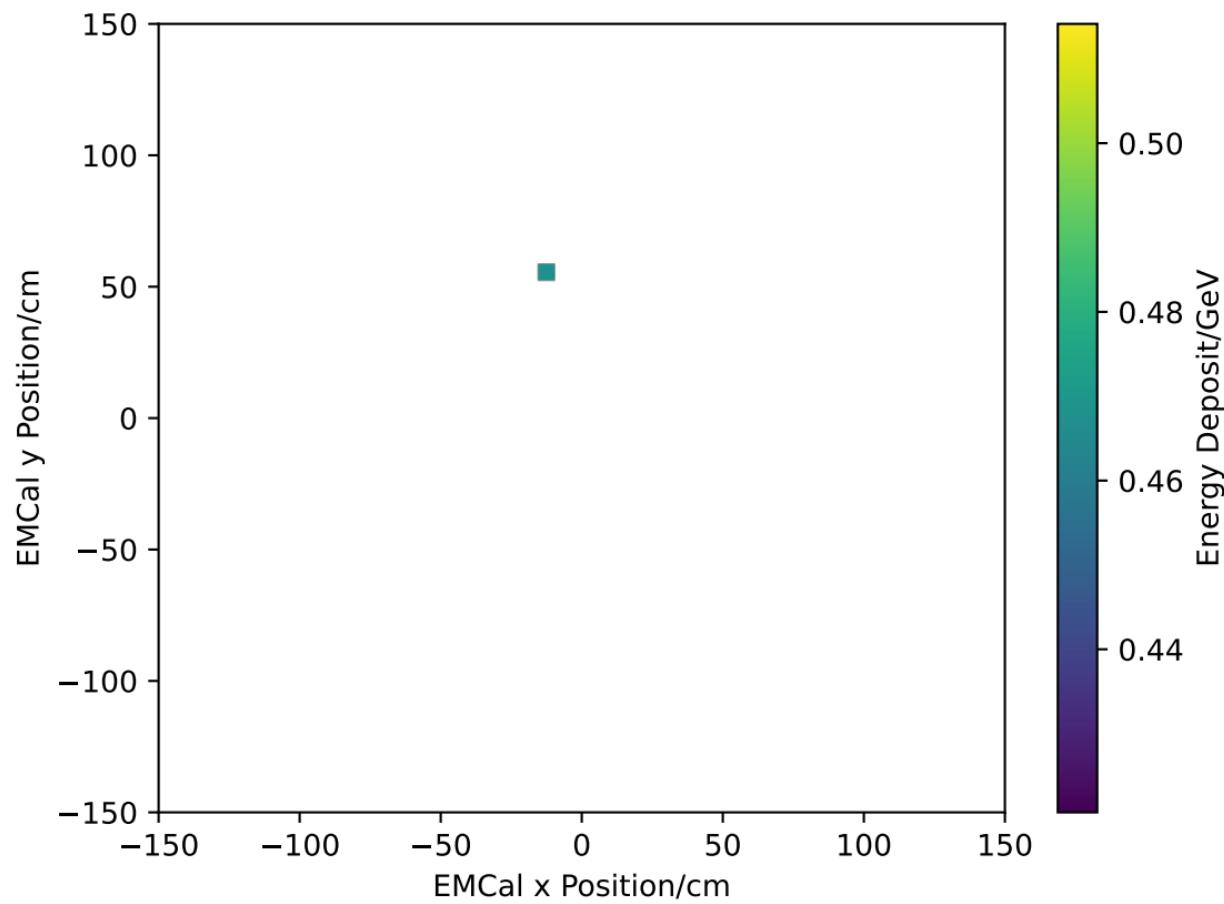
Energy Deposit/GeV

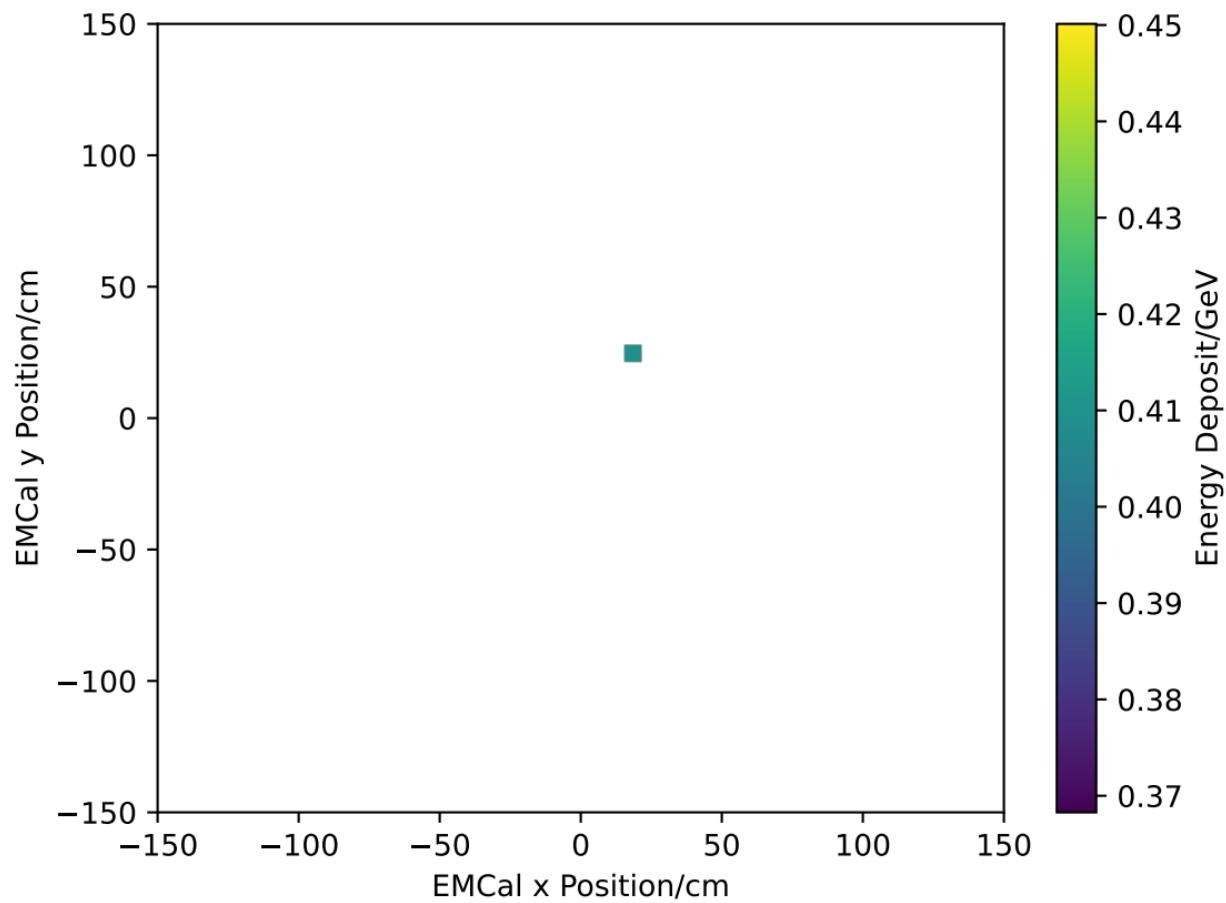
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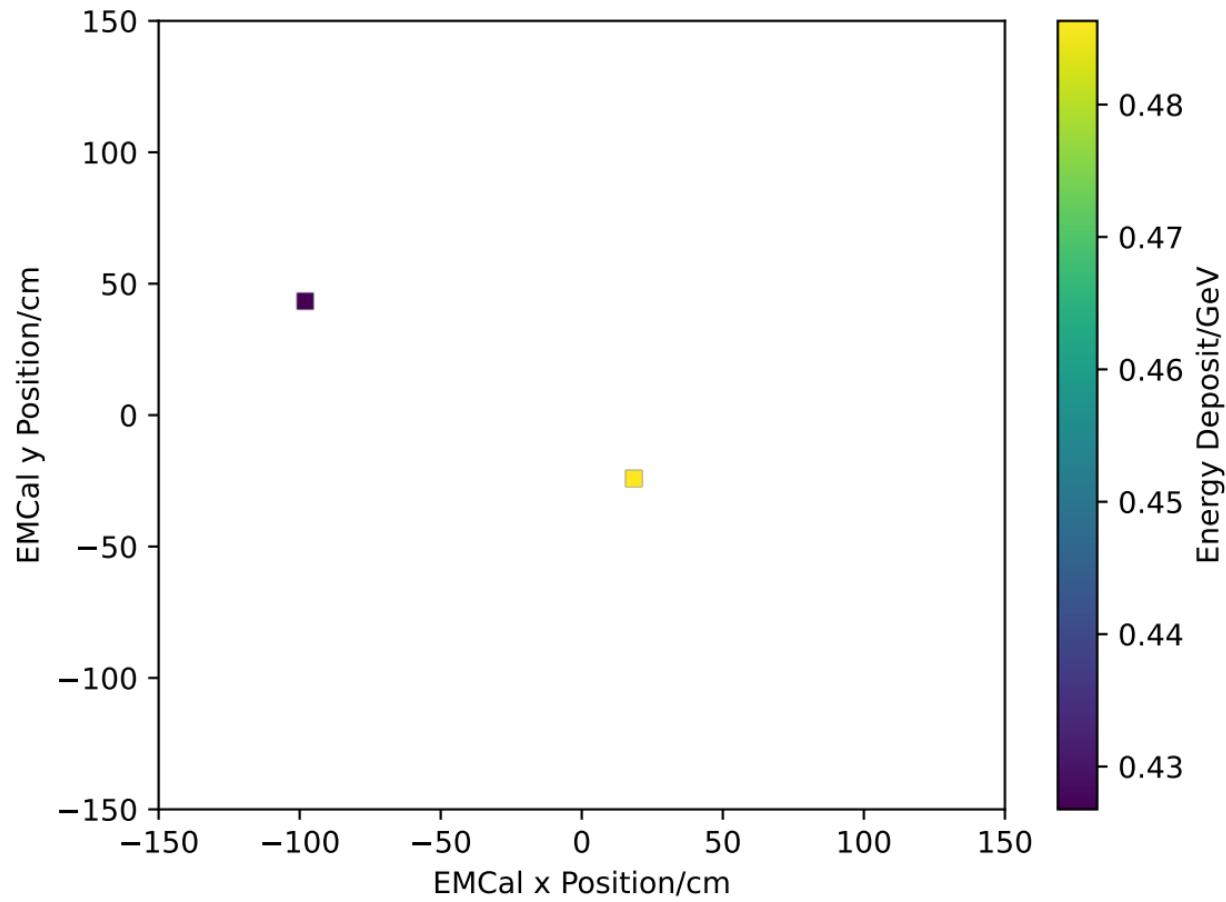
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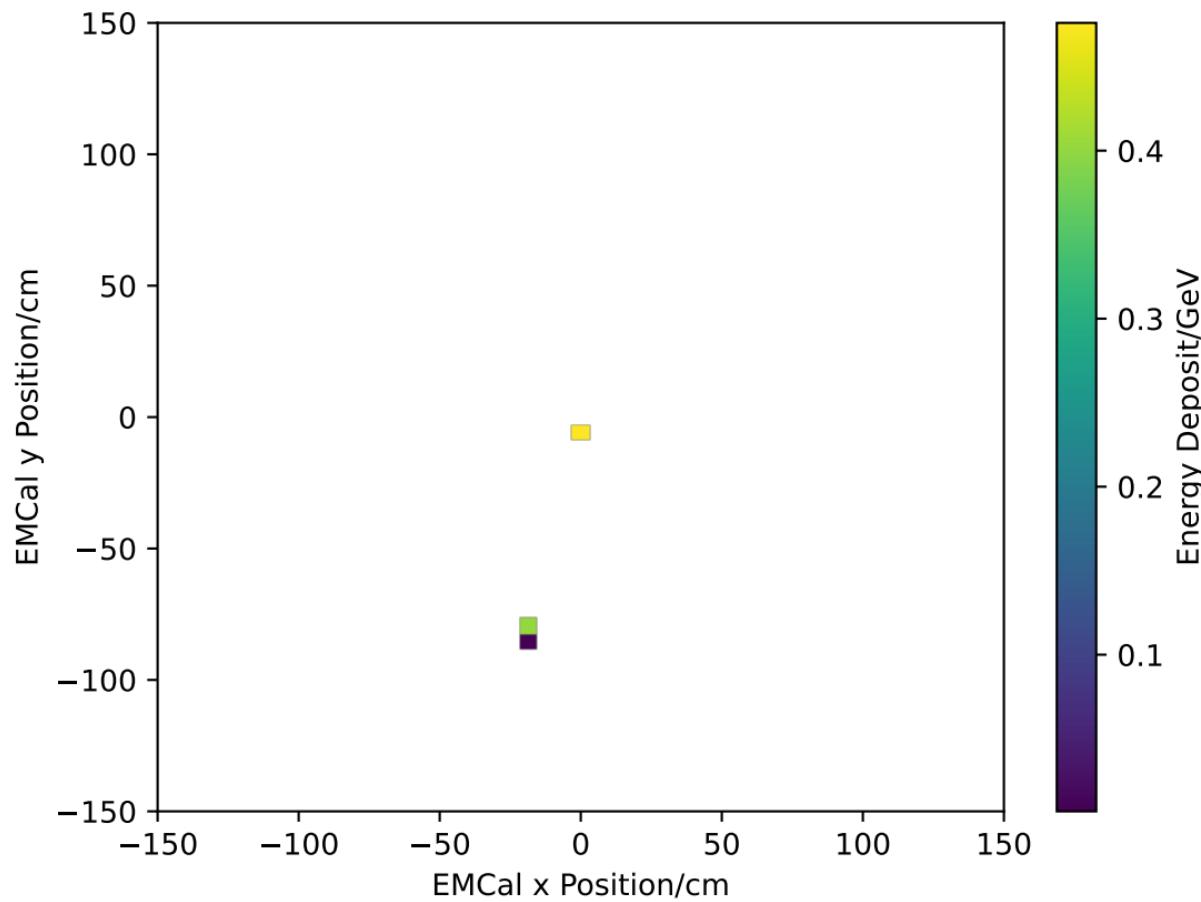
0.2

0.1

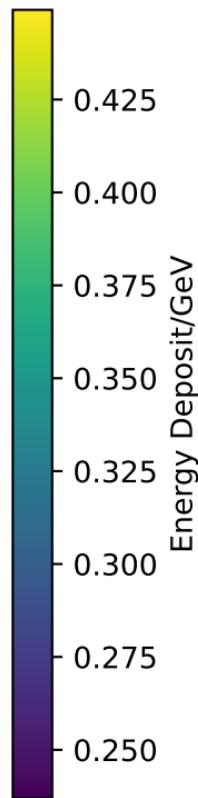
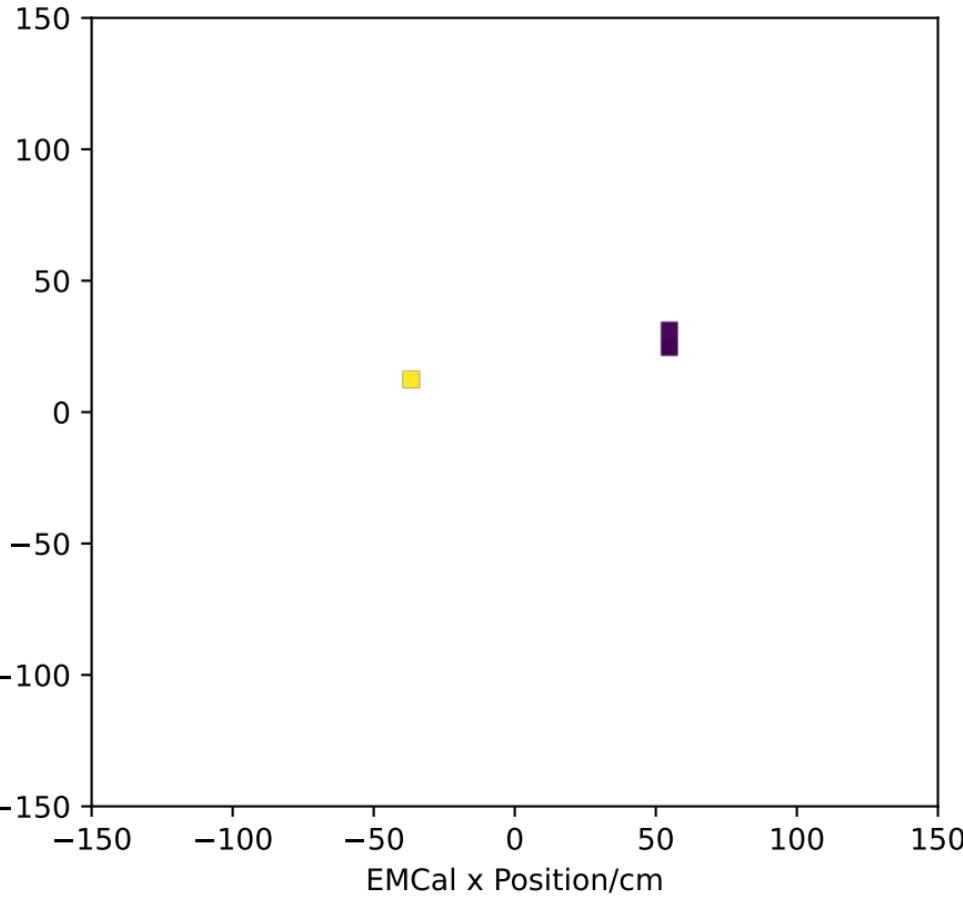


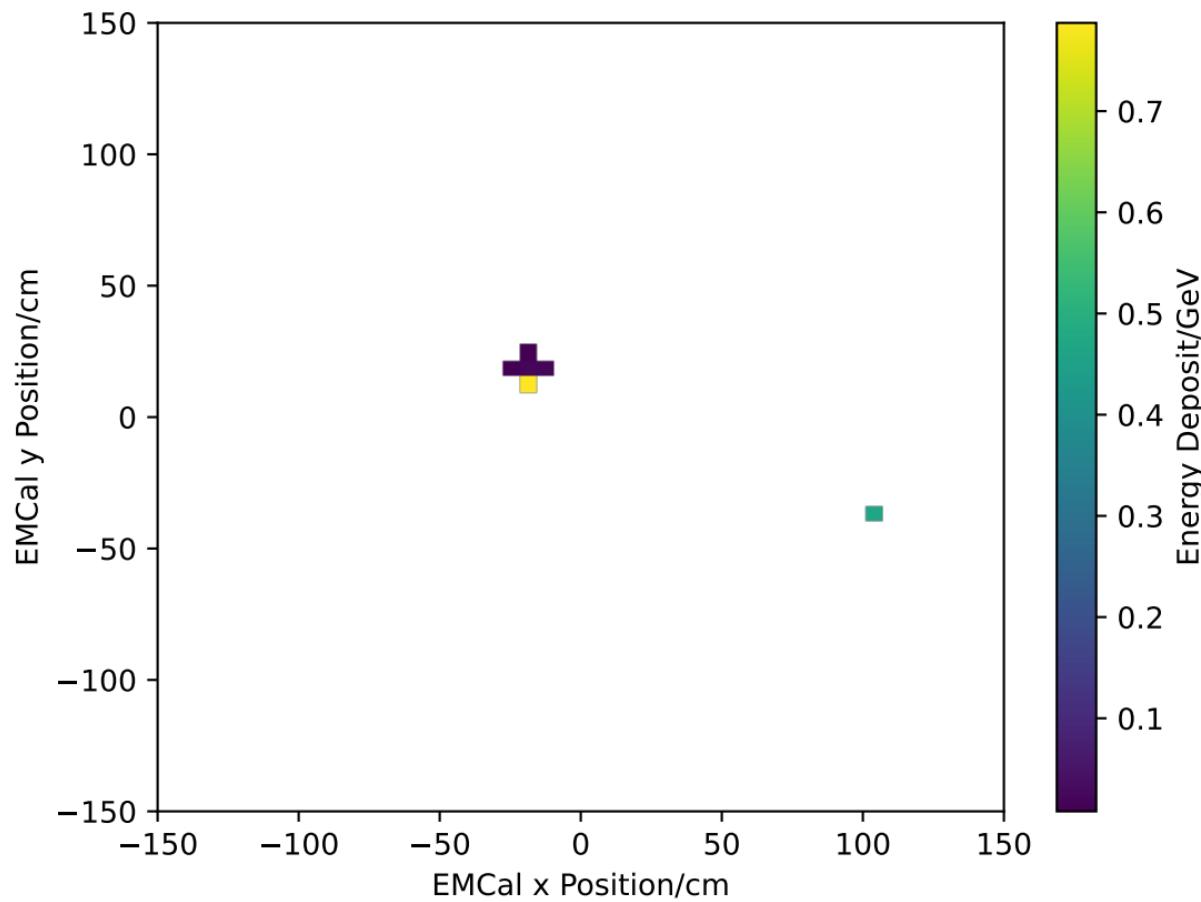






EMCal y Position/cm





EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



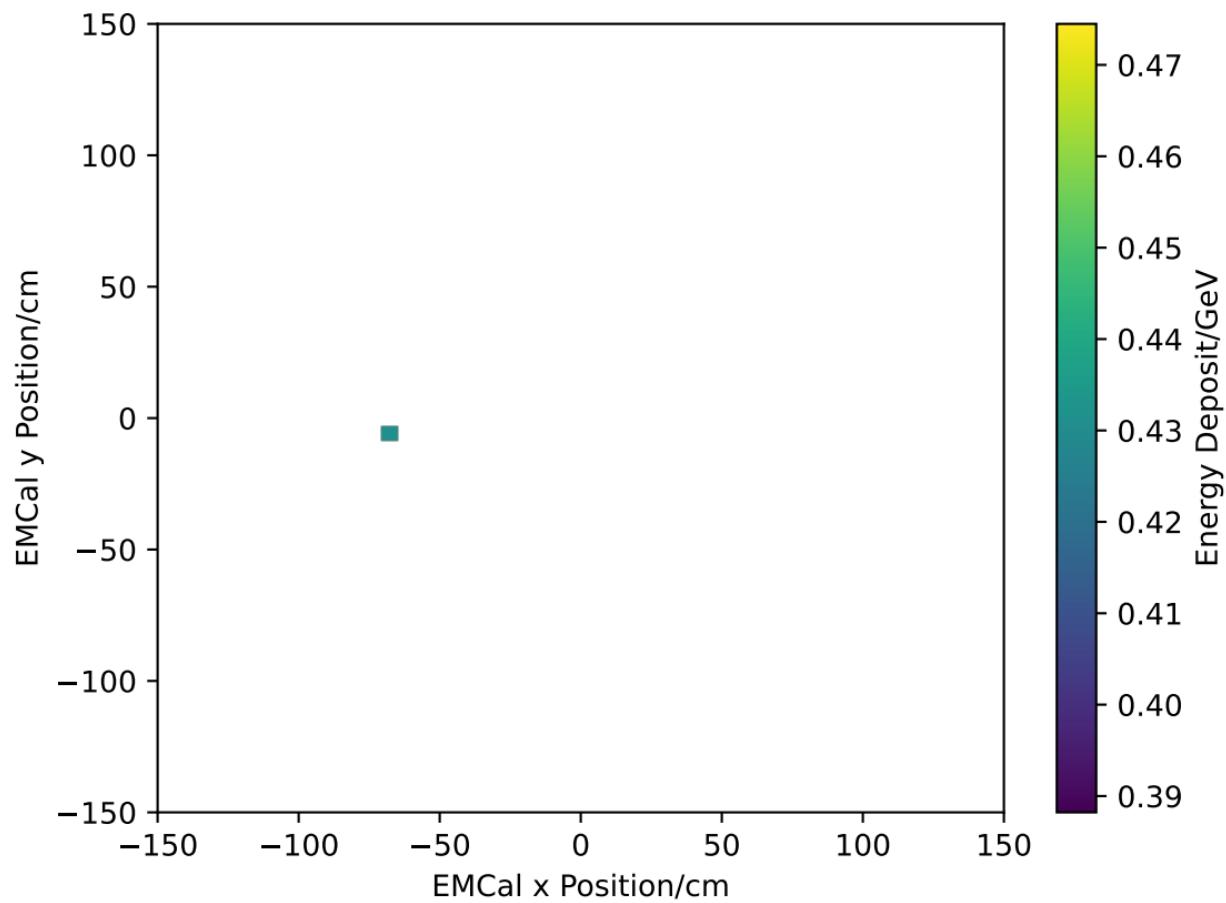
Energy Deposit/GeV

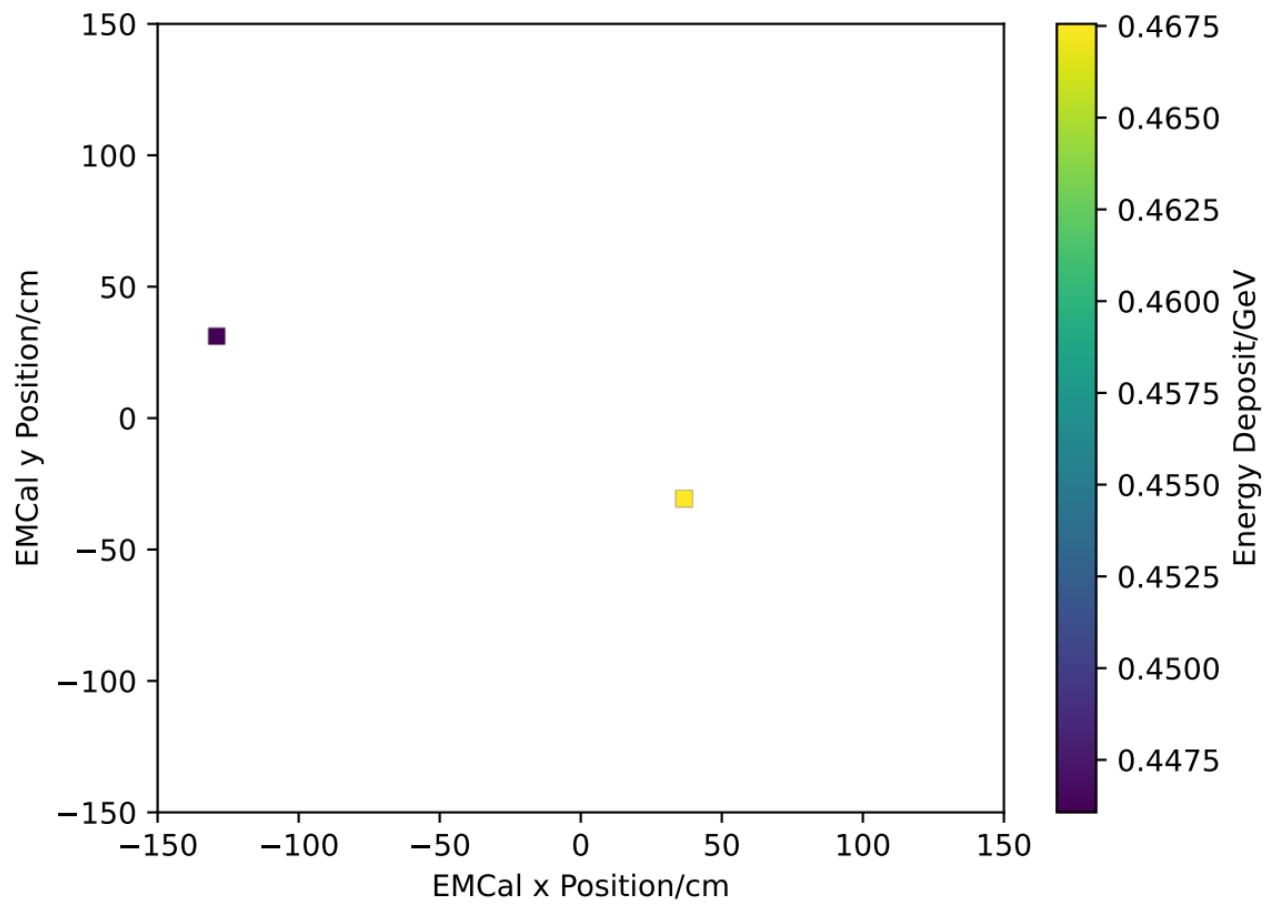
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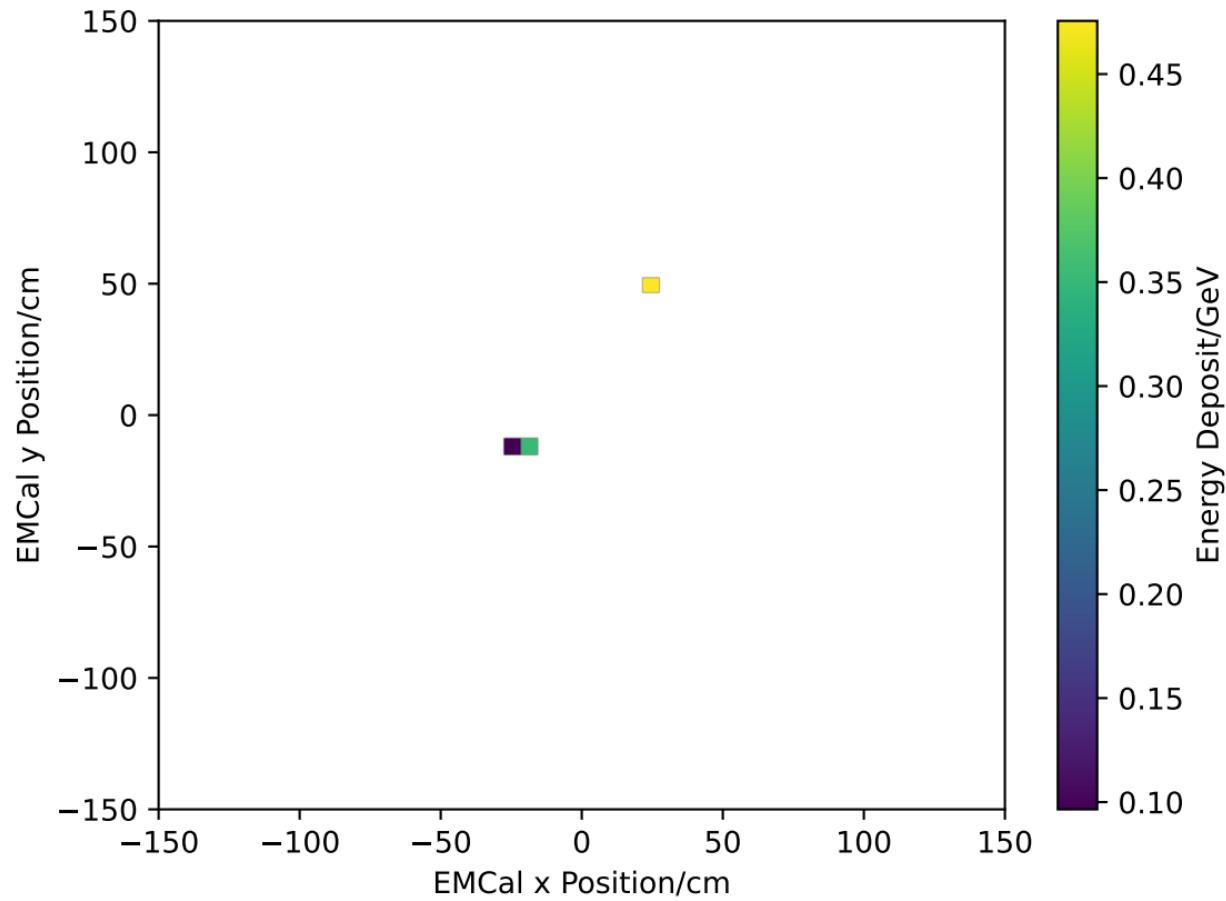
0.48

0.46

0.44







EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

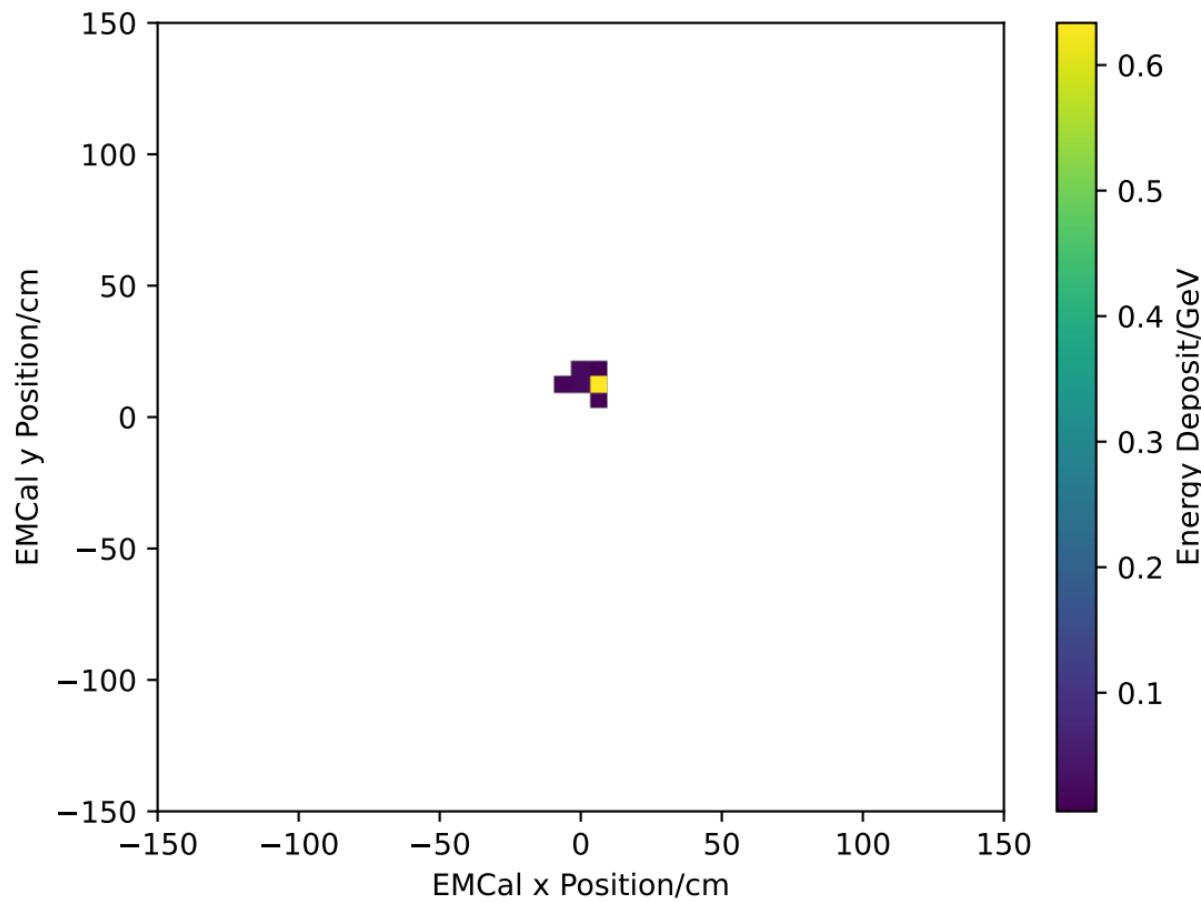
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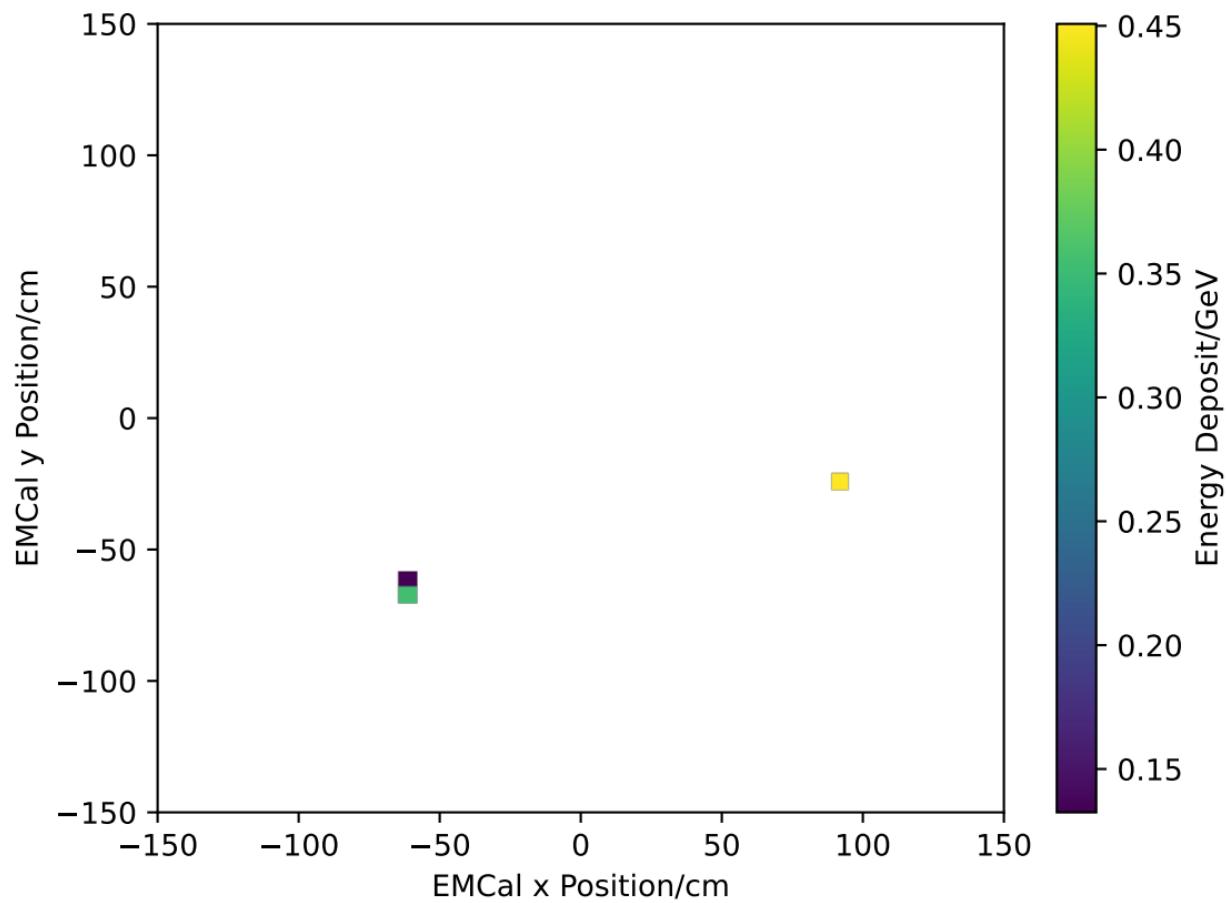
EMCal x Position/cm

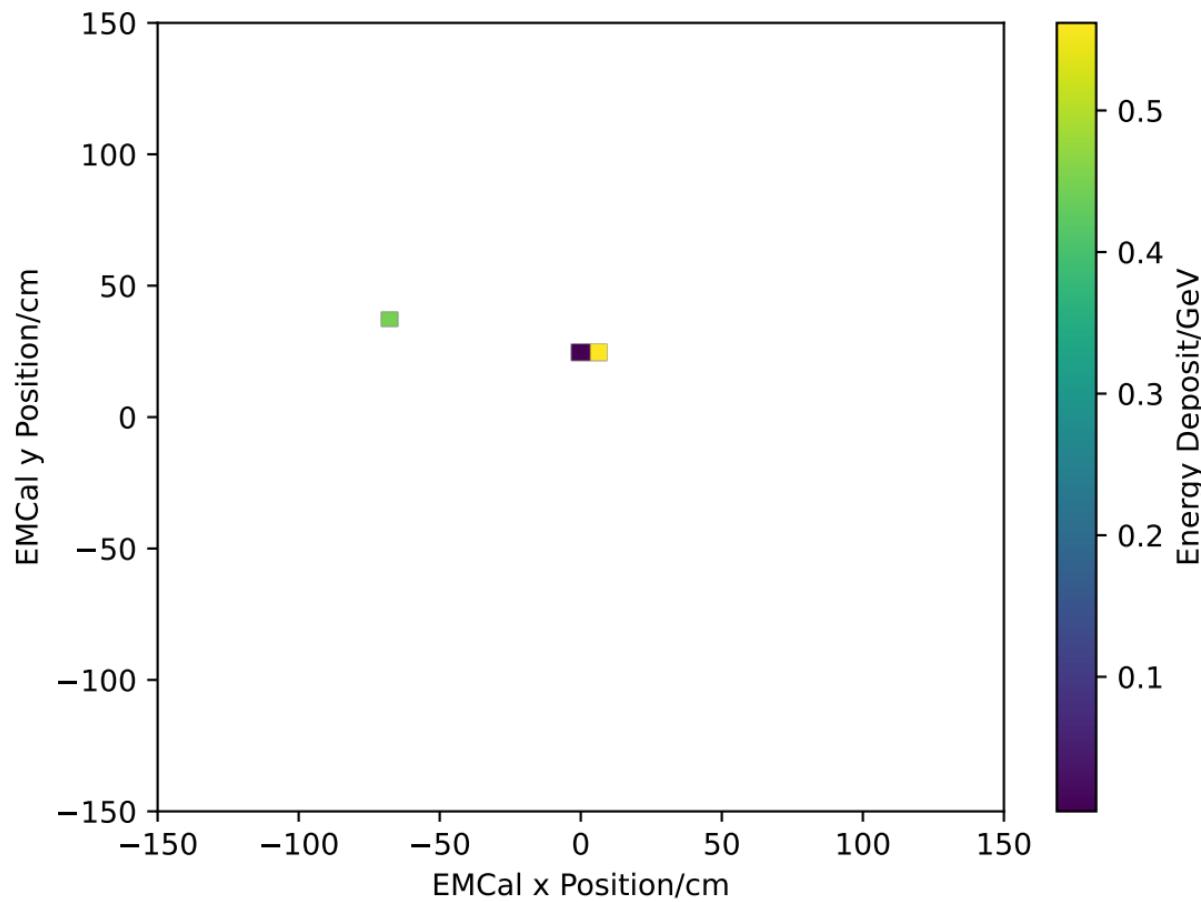


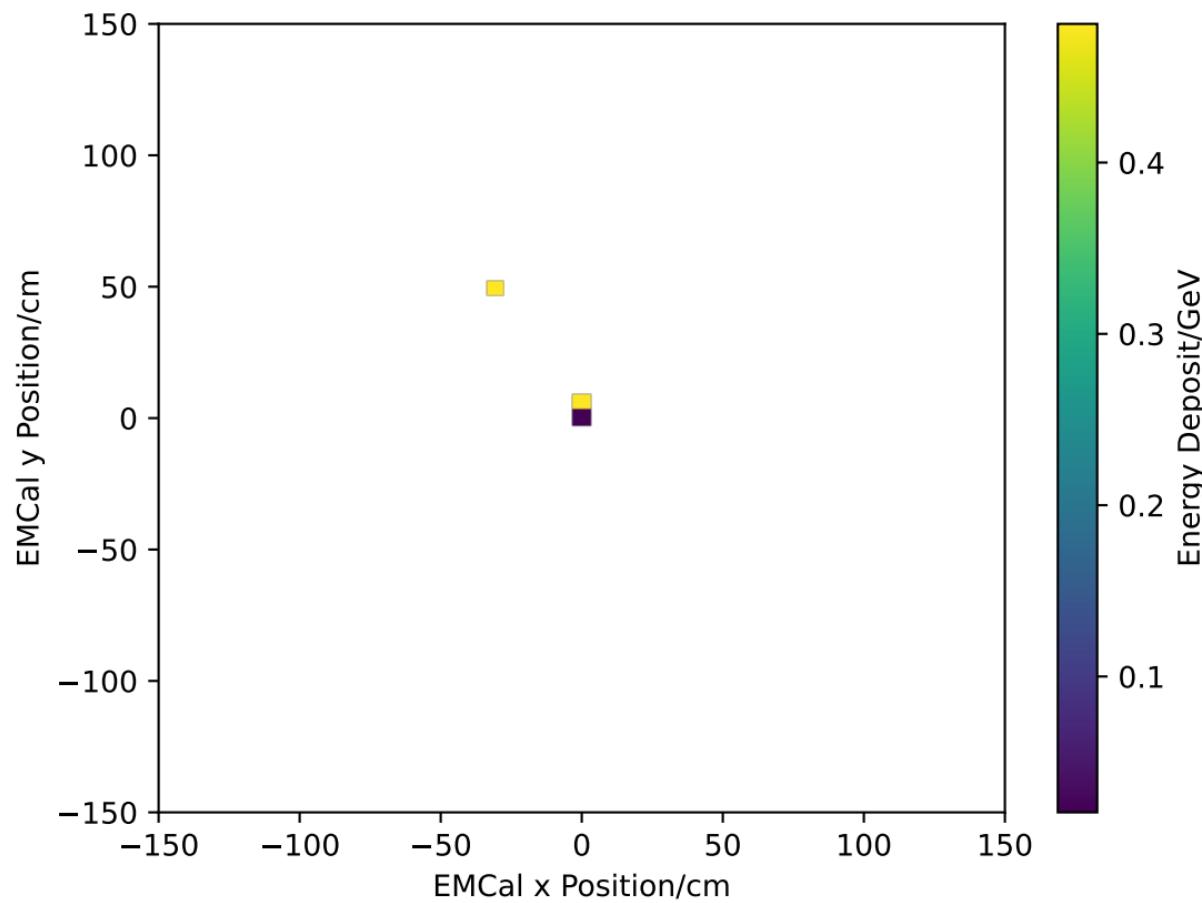
Energy Deposit/GeV

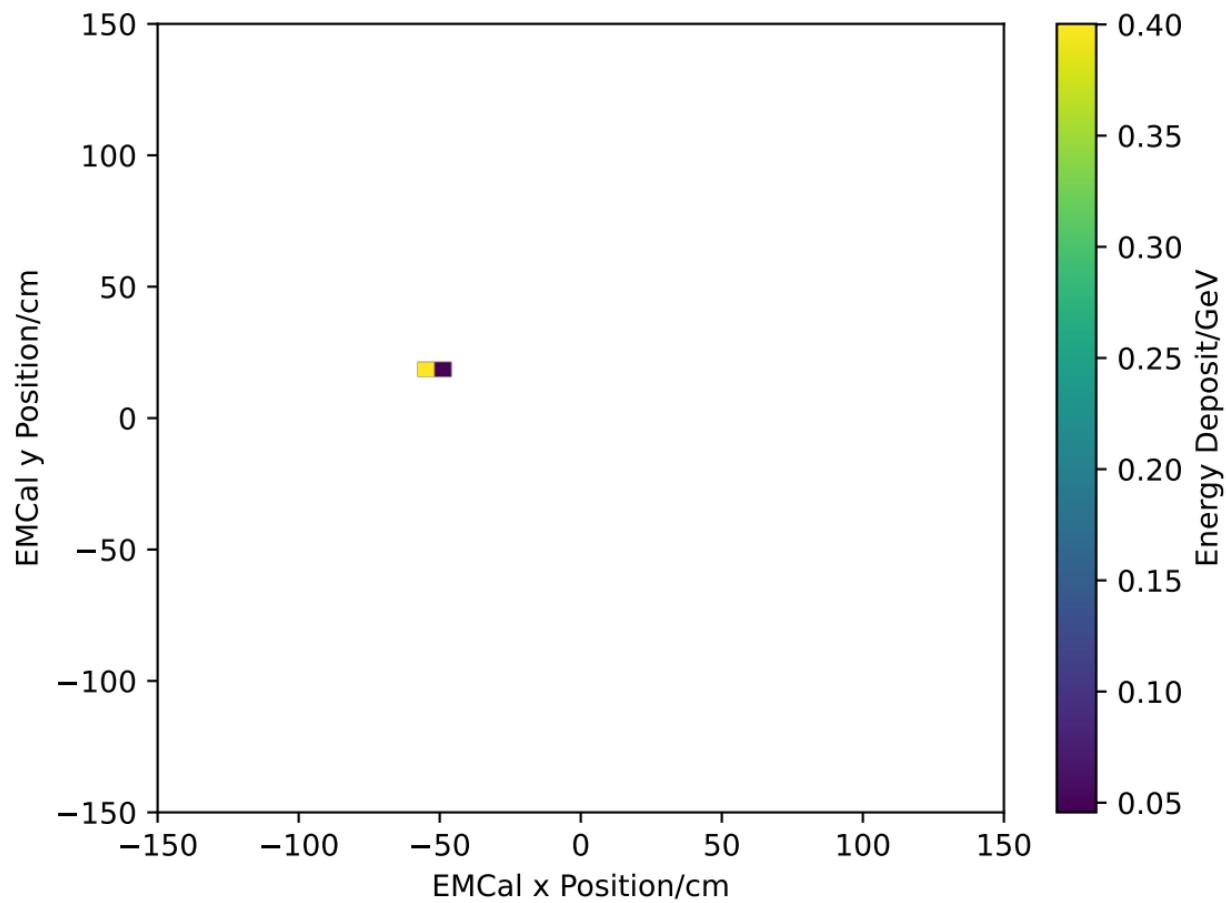
-30

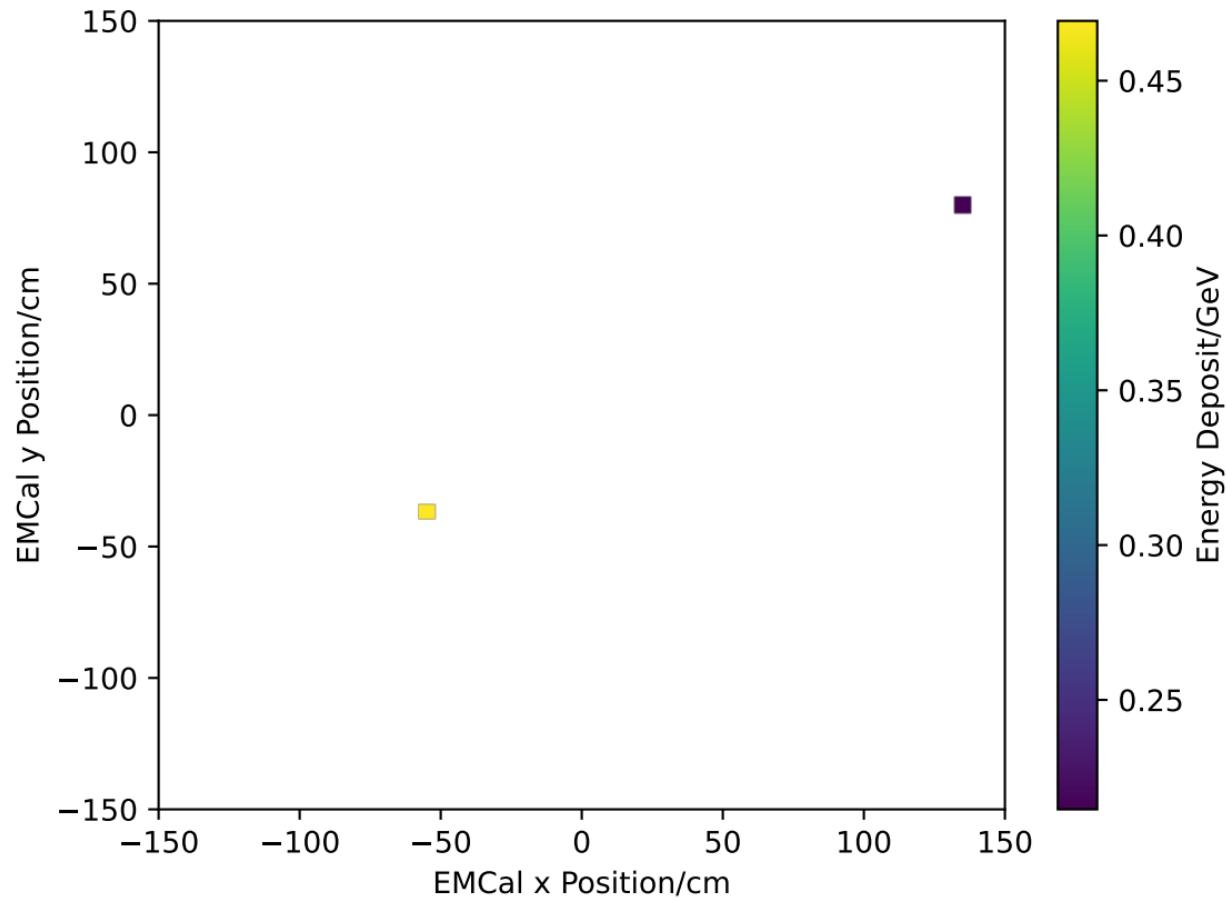




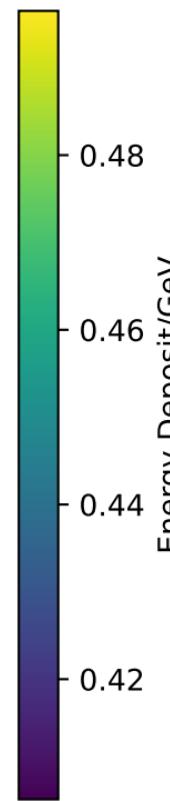
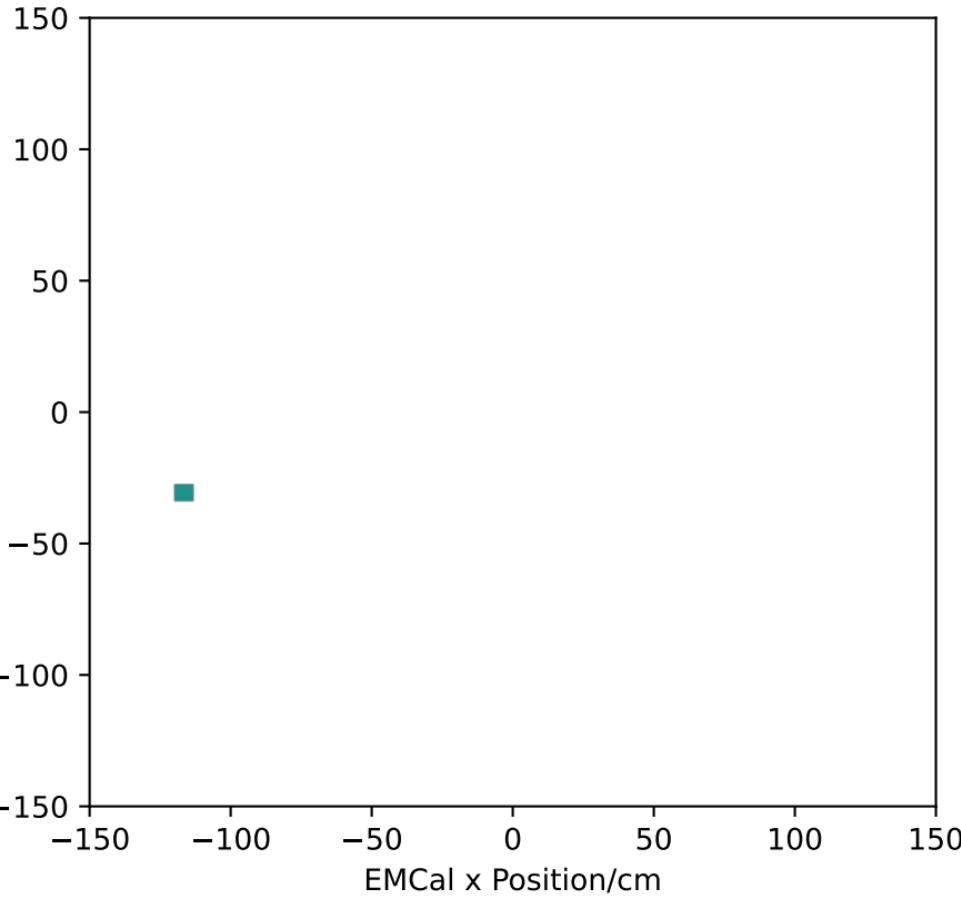


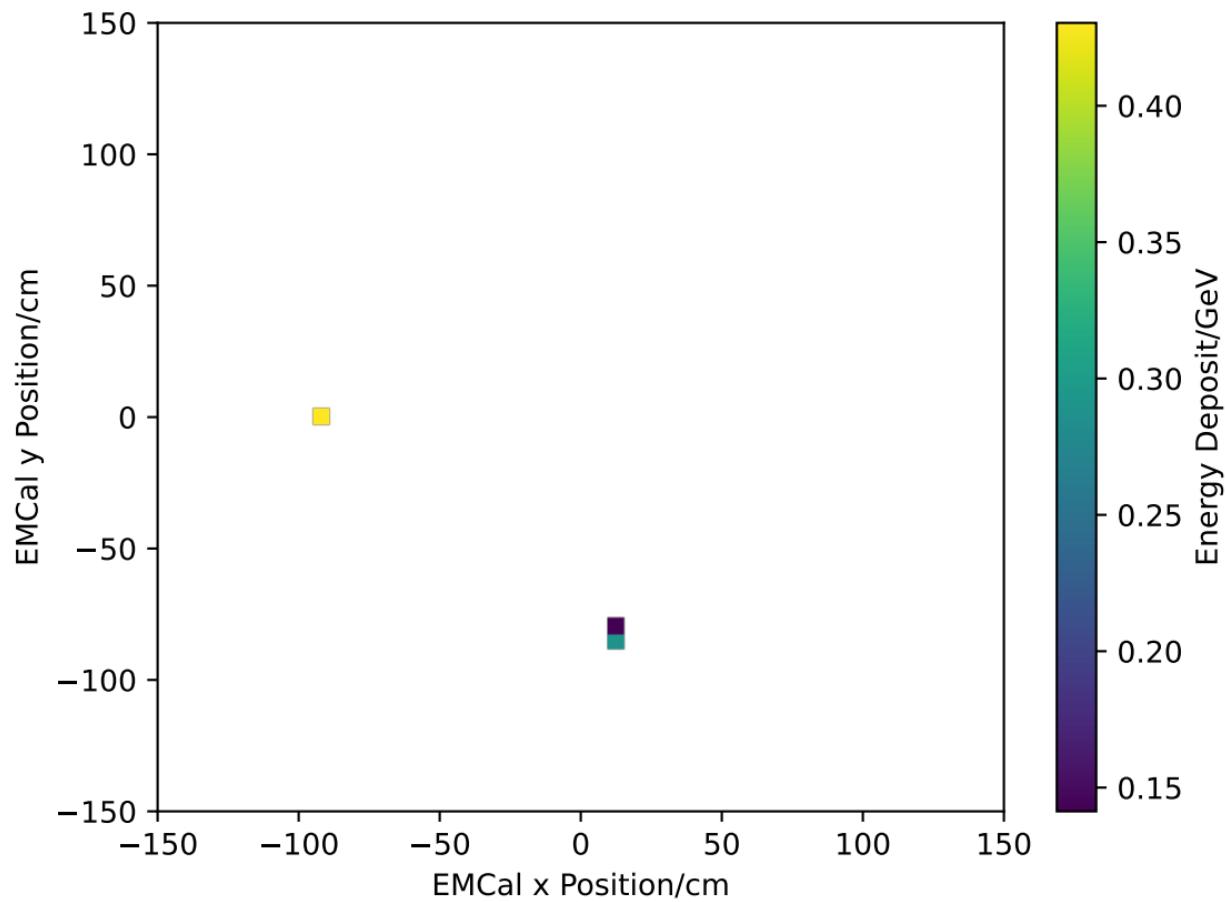






EMCal y Position/cm





EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

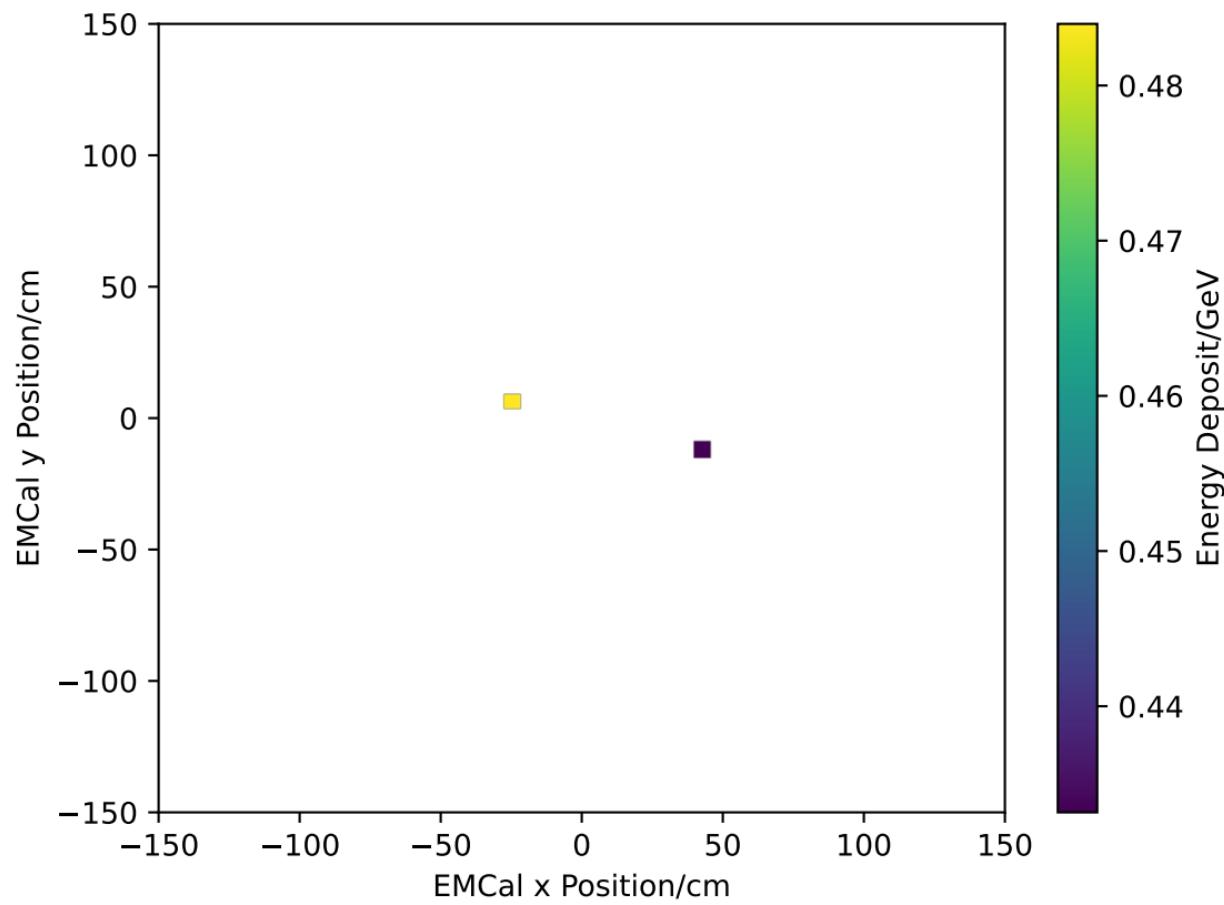
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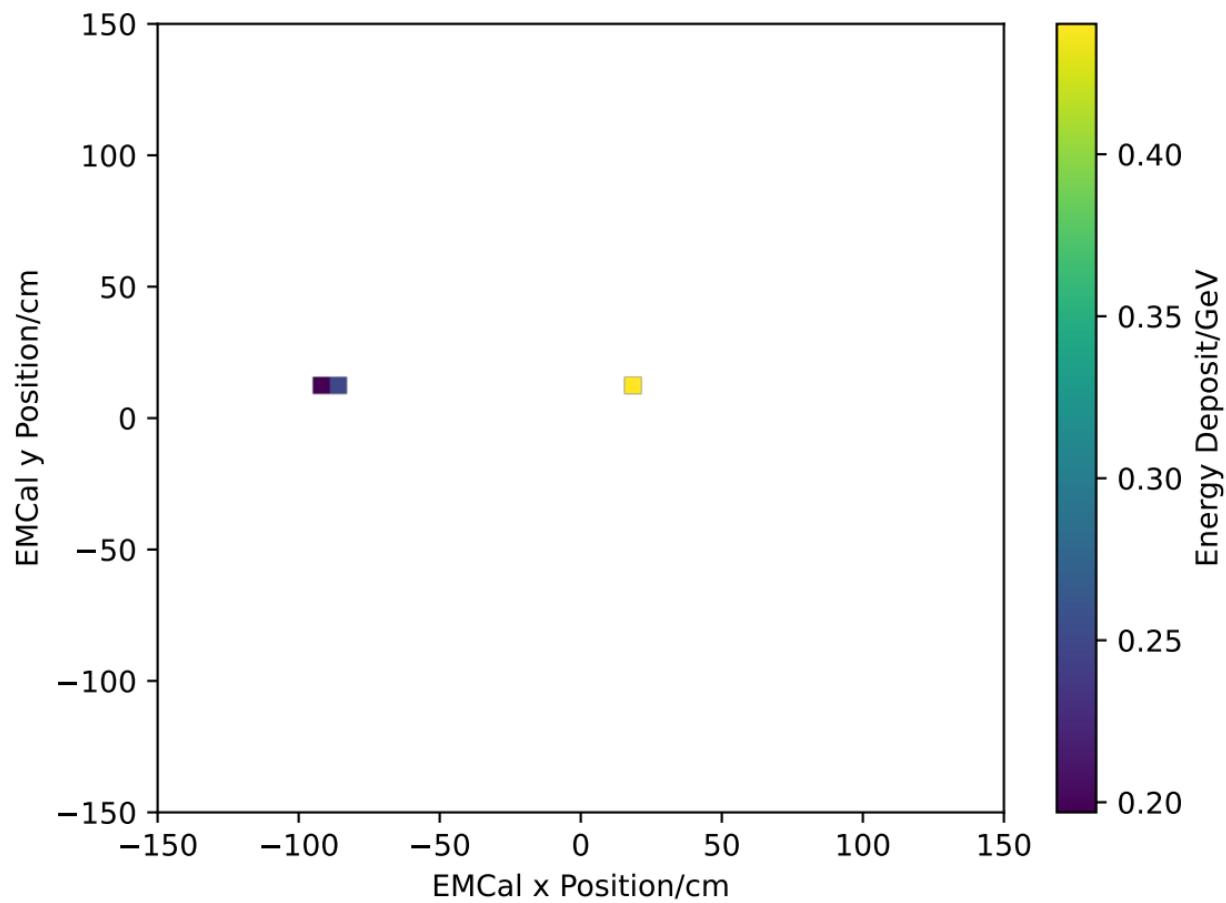
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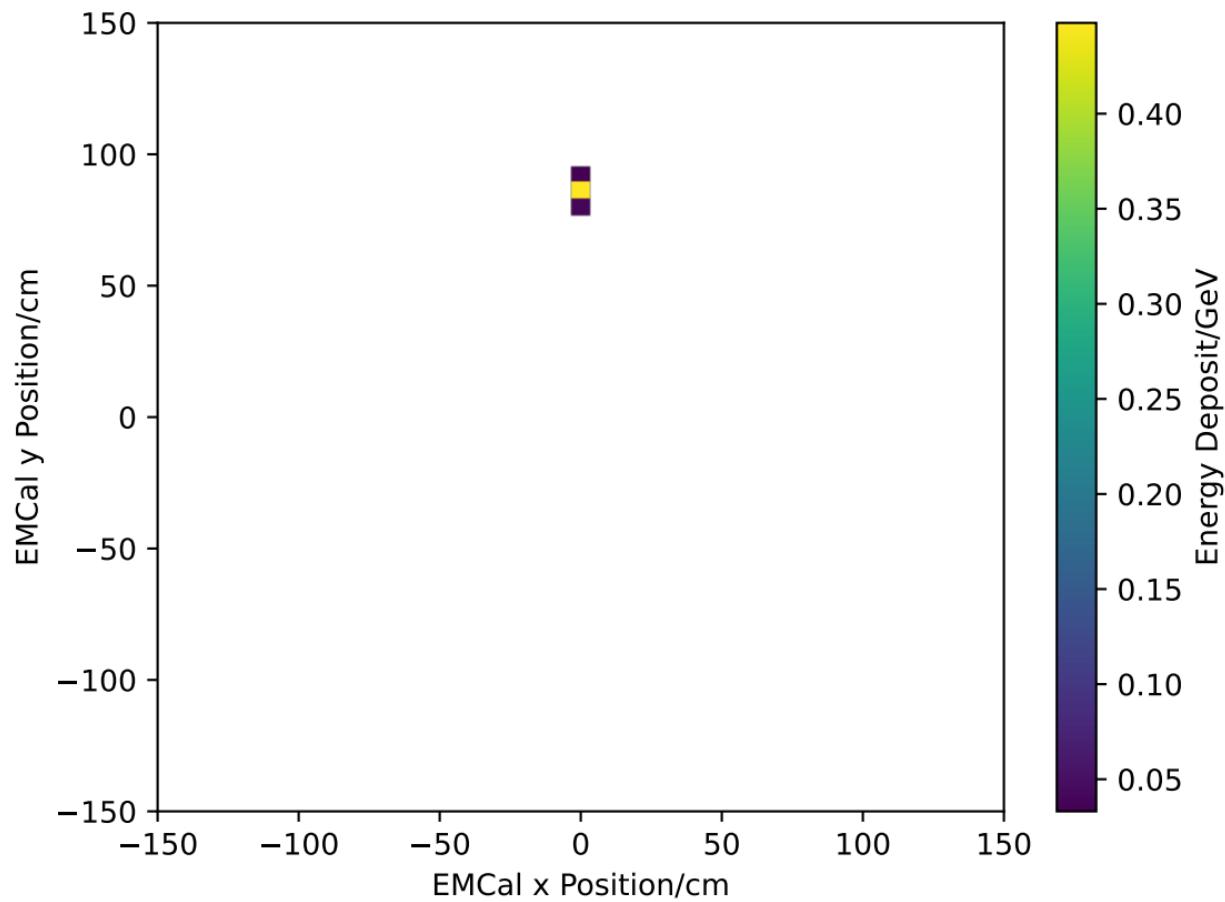
EMCal x Position/cm



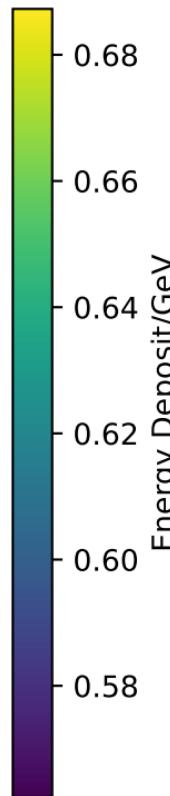
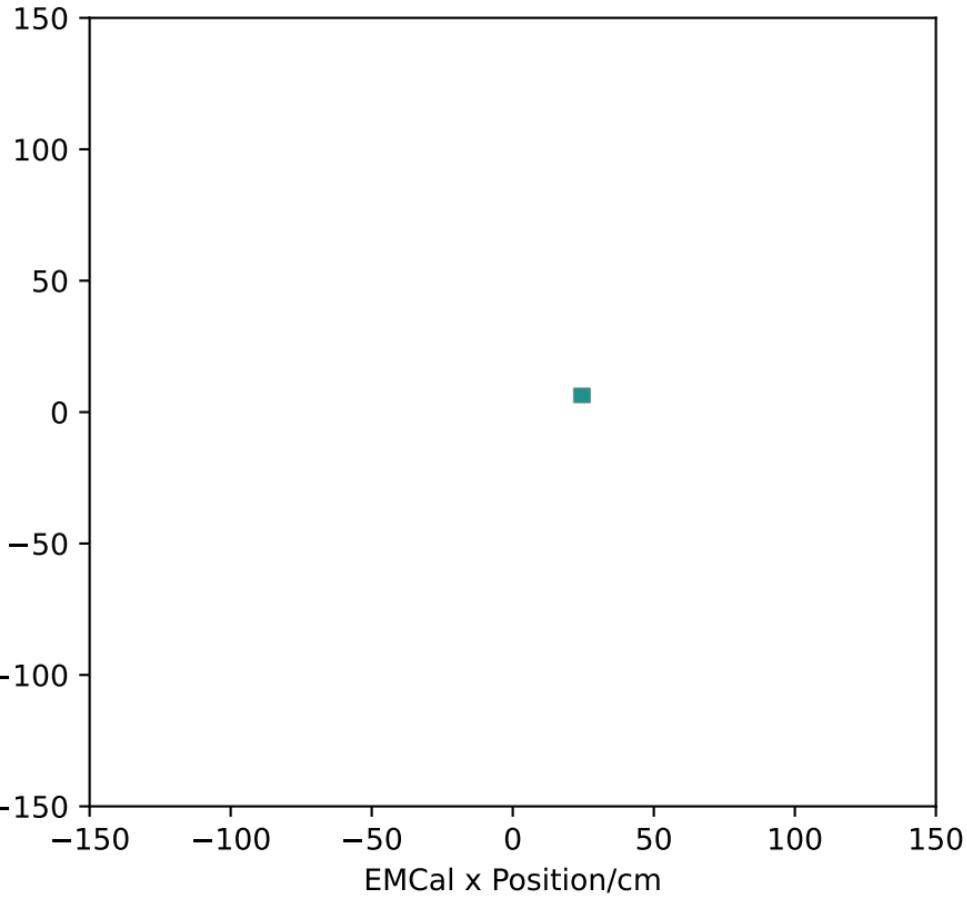
Energy Deposit/GeV

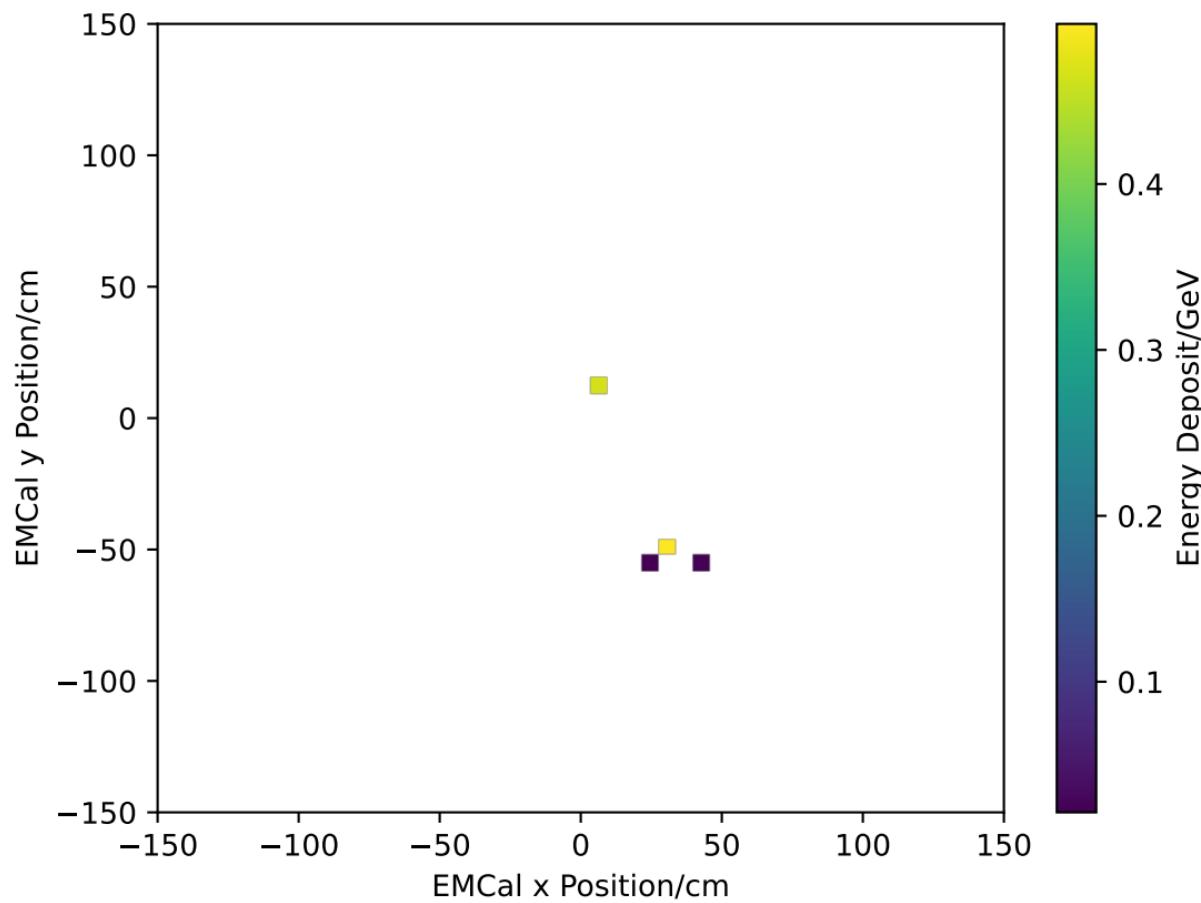


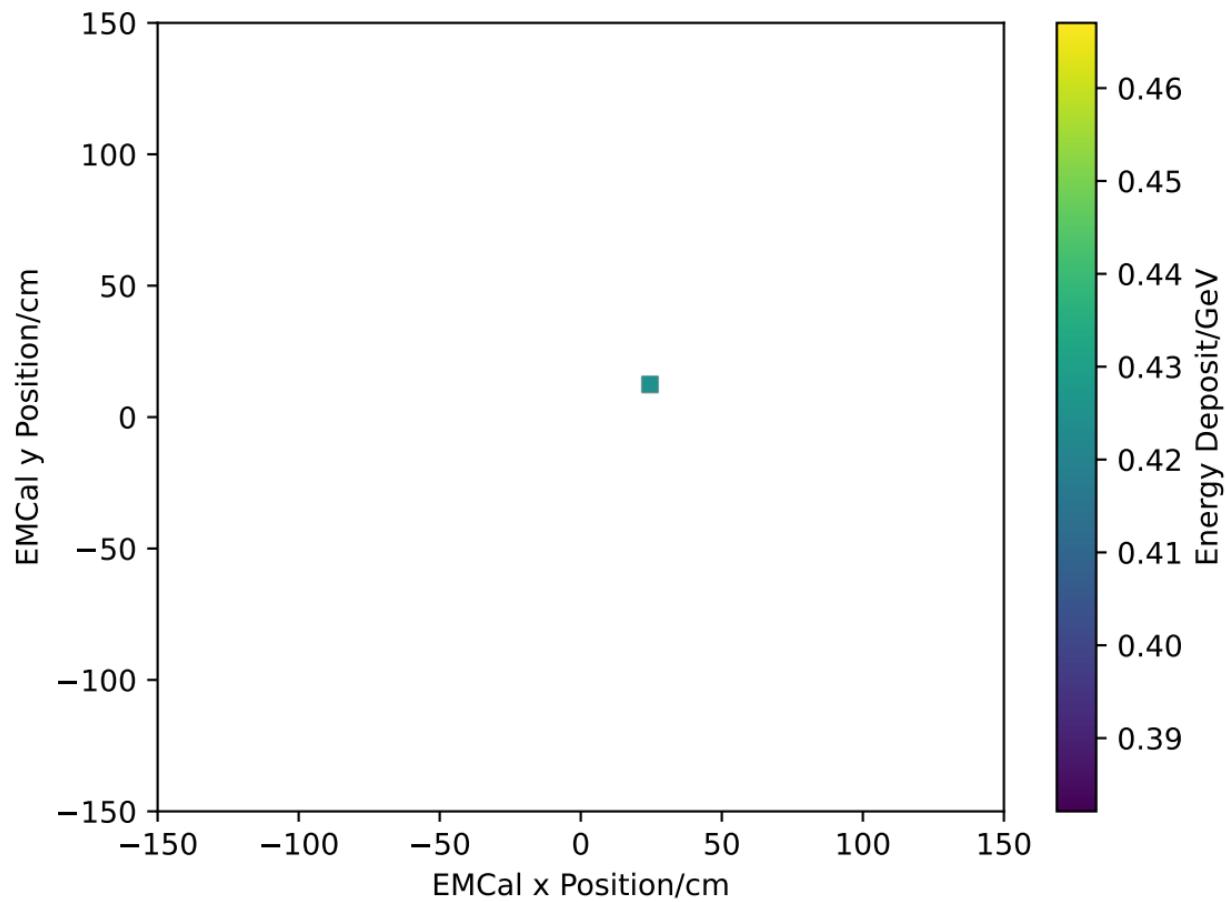


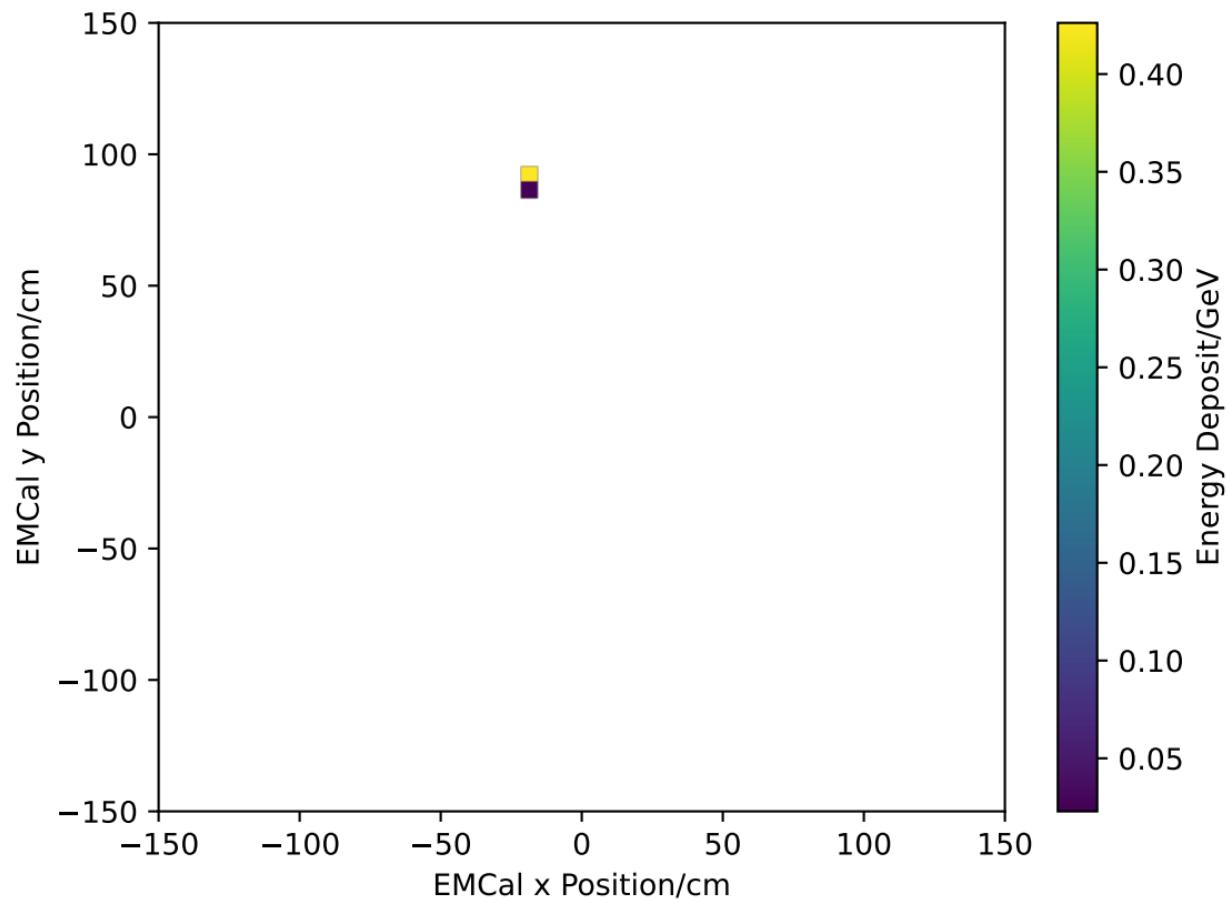


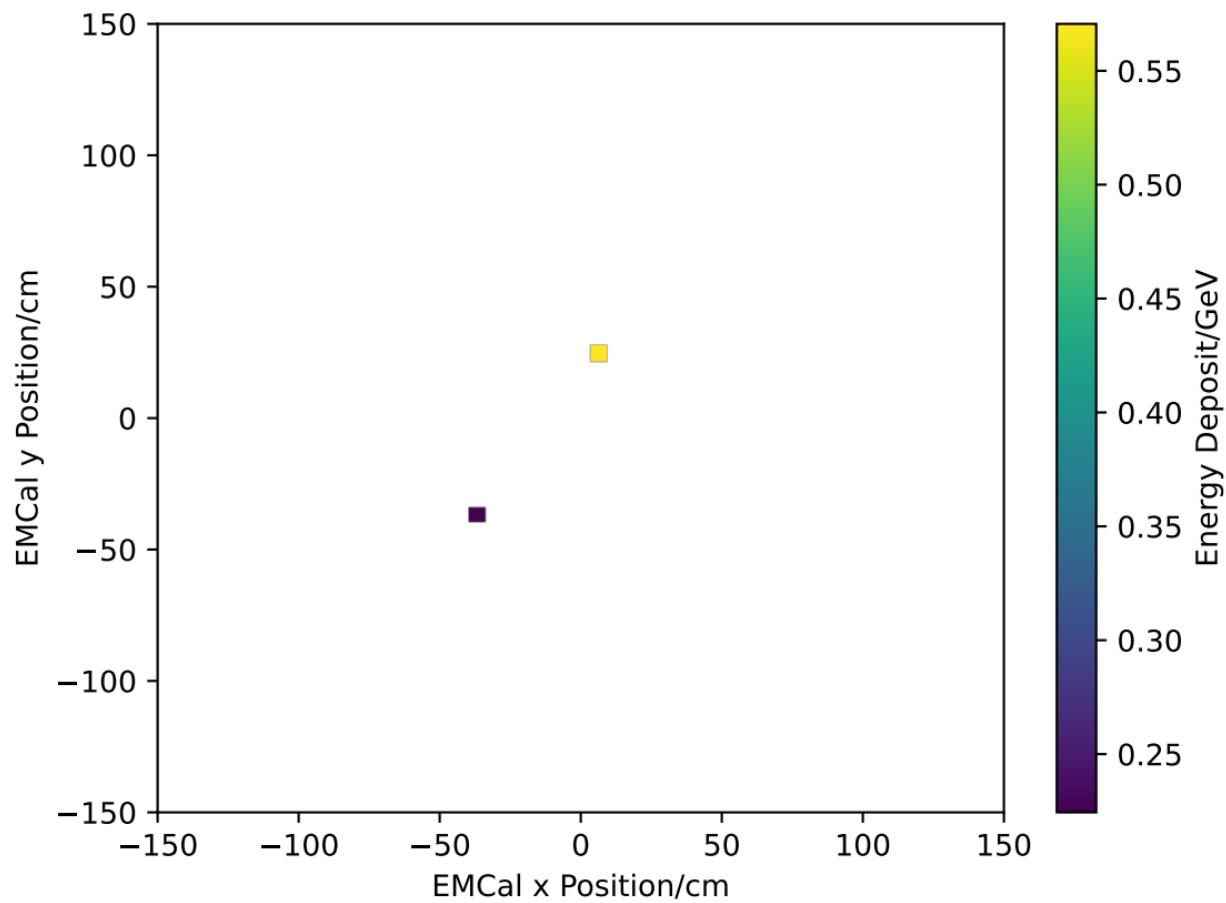
EMCal y Position/cm



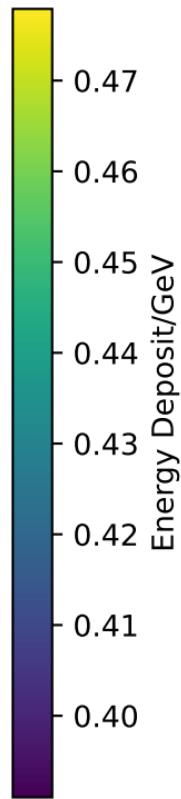
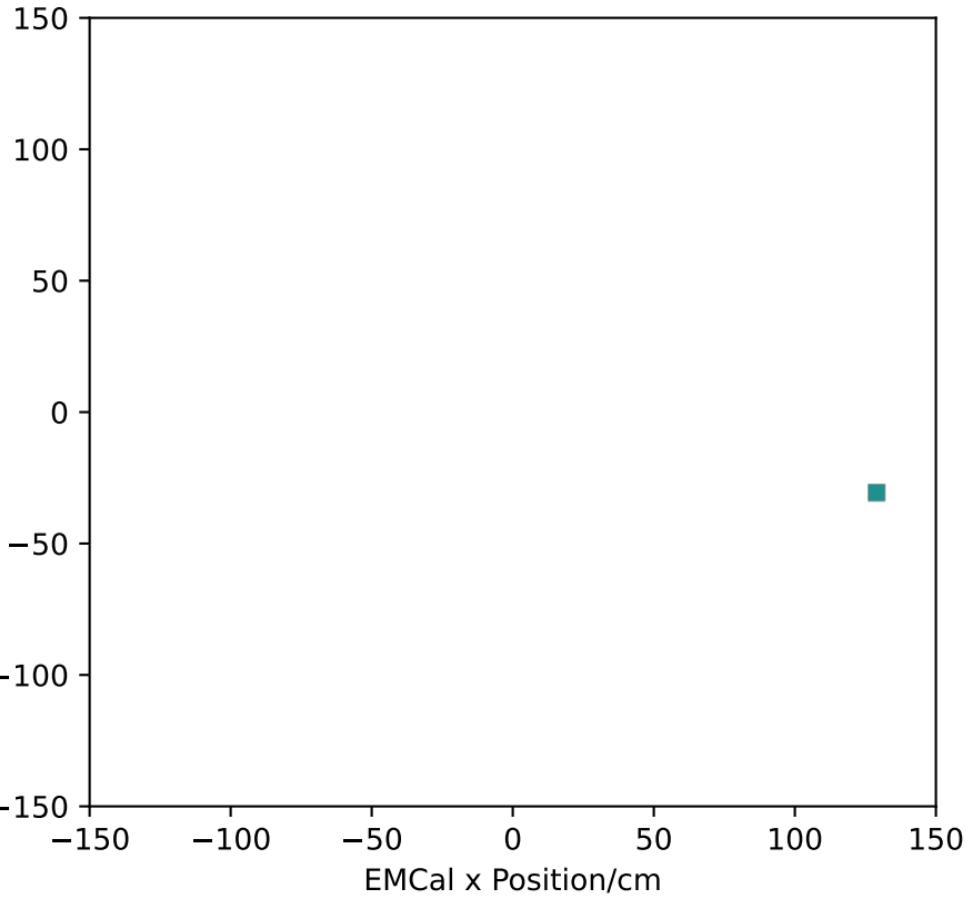


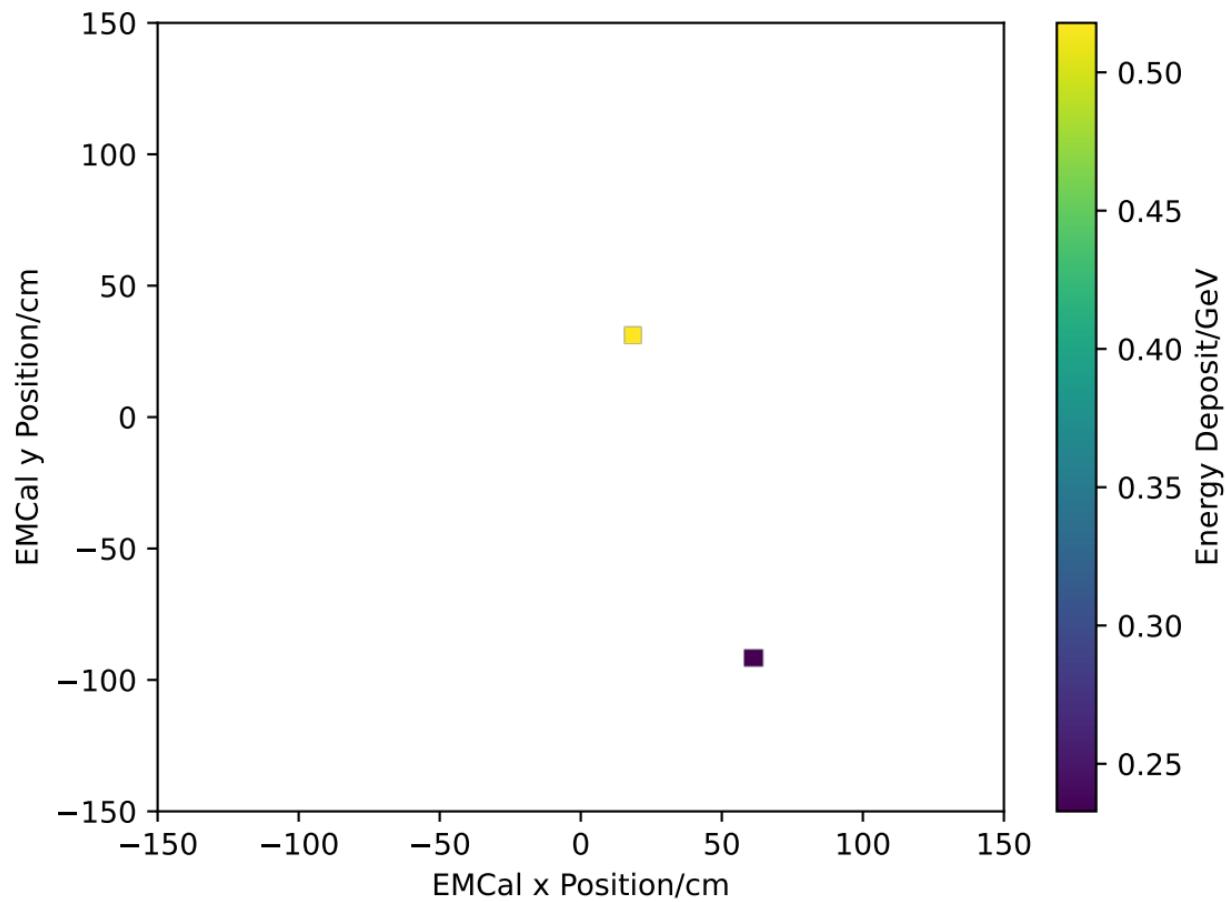


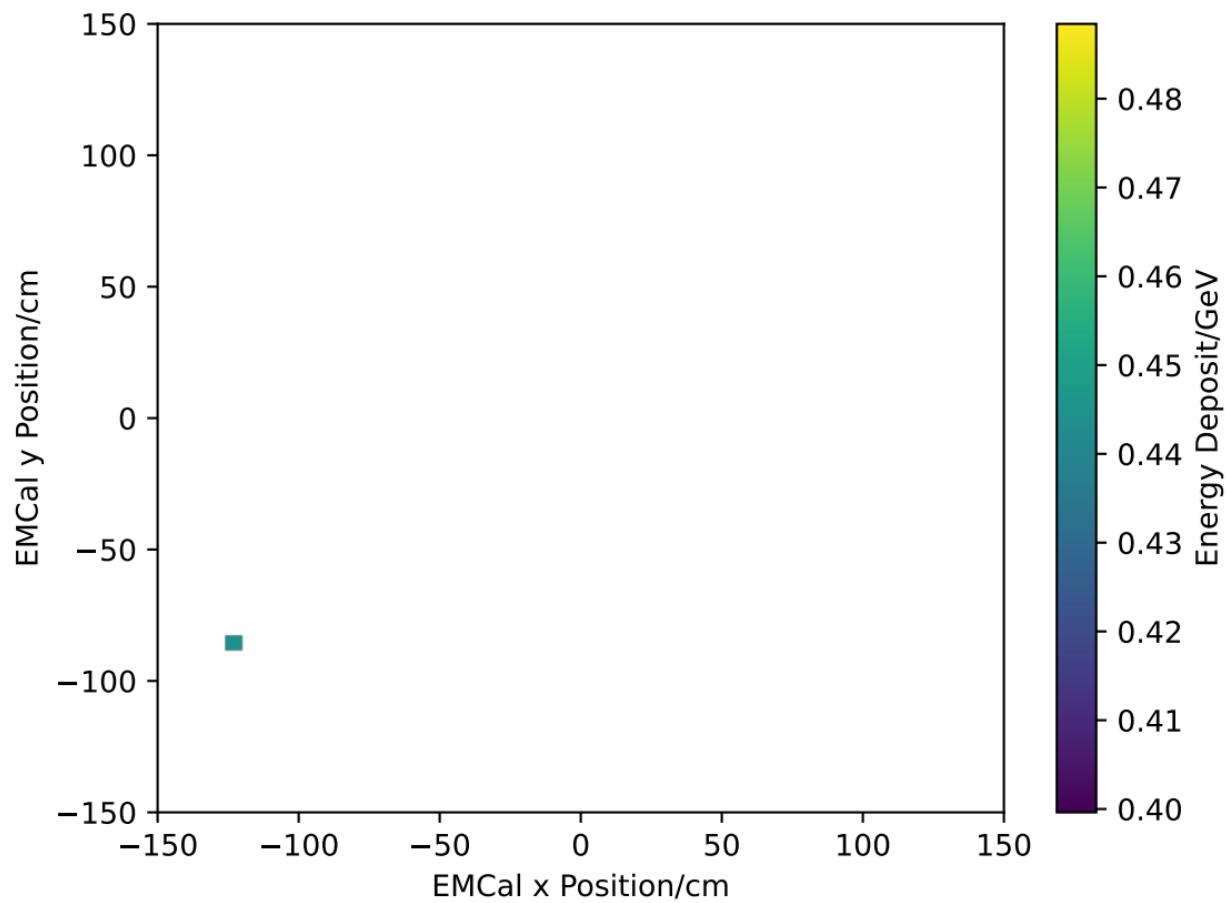


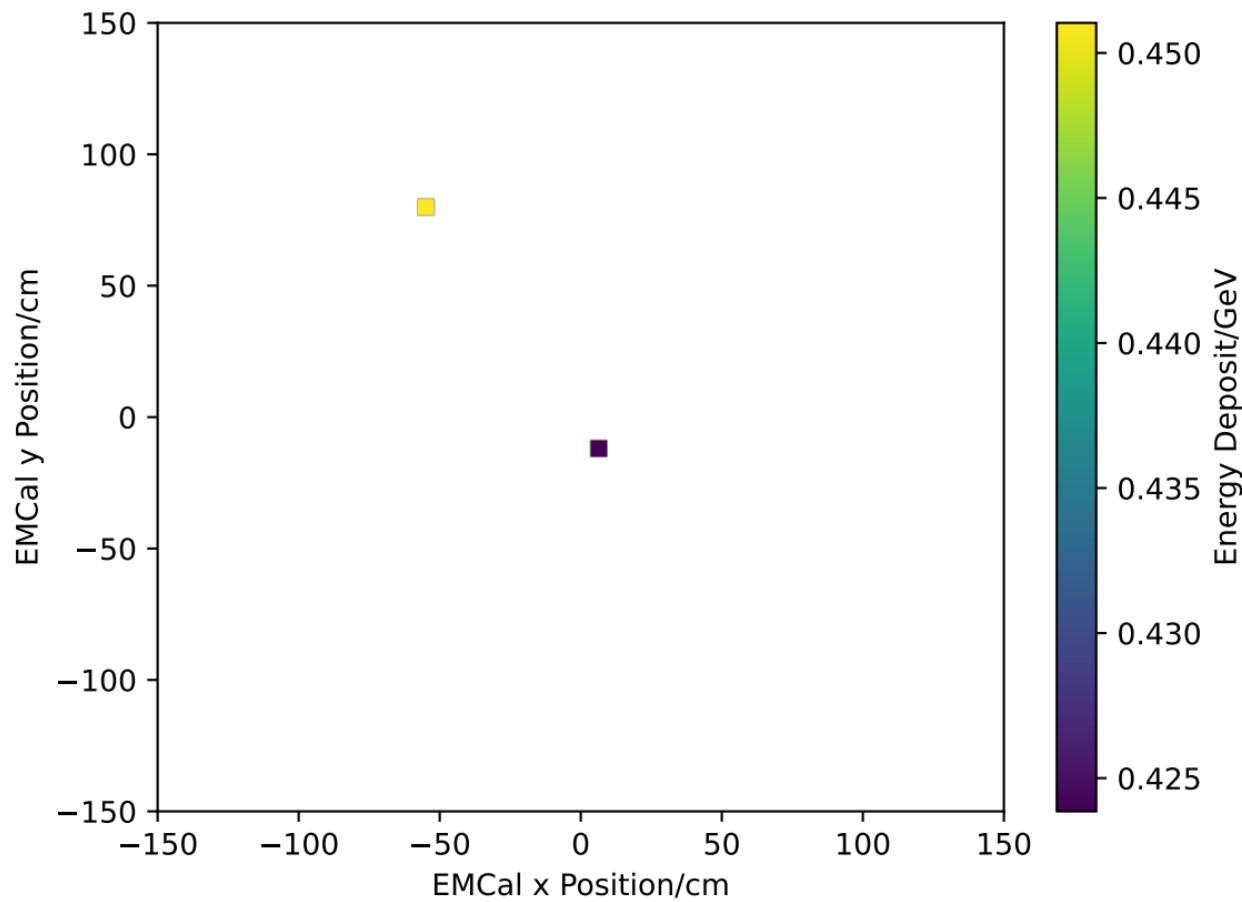


EMCal y Position/cm









EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

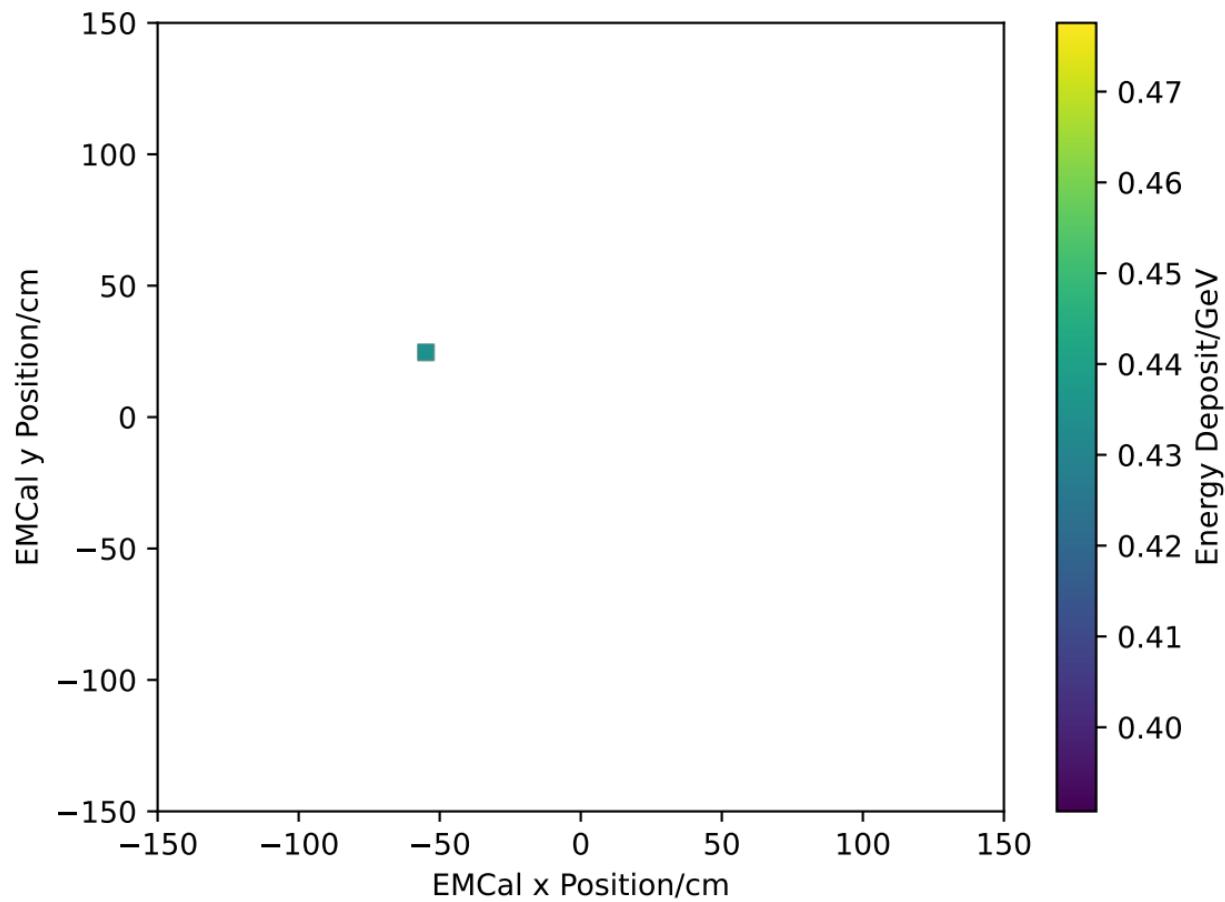
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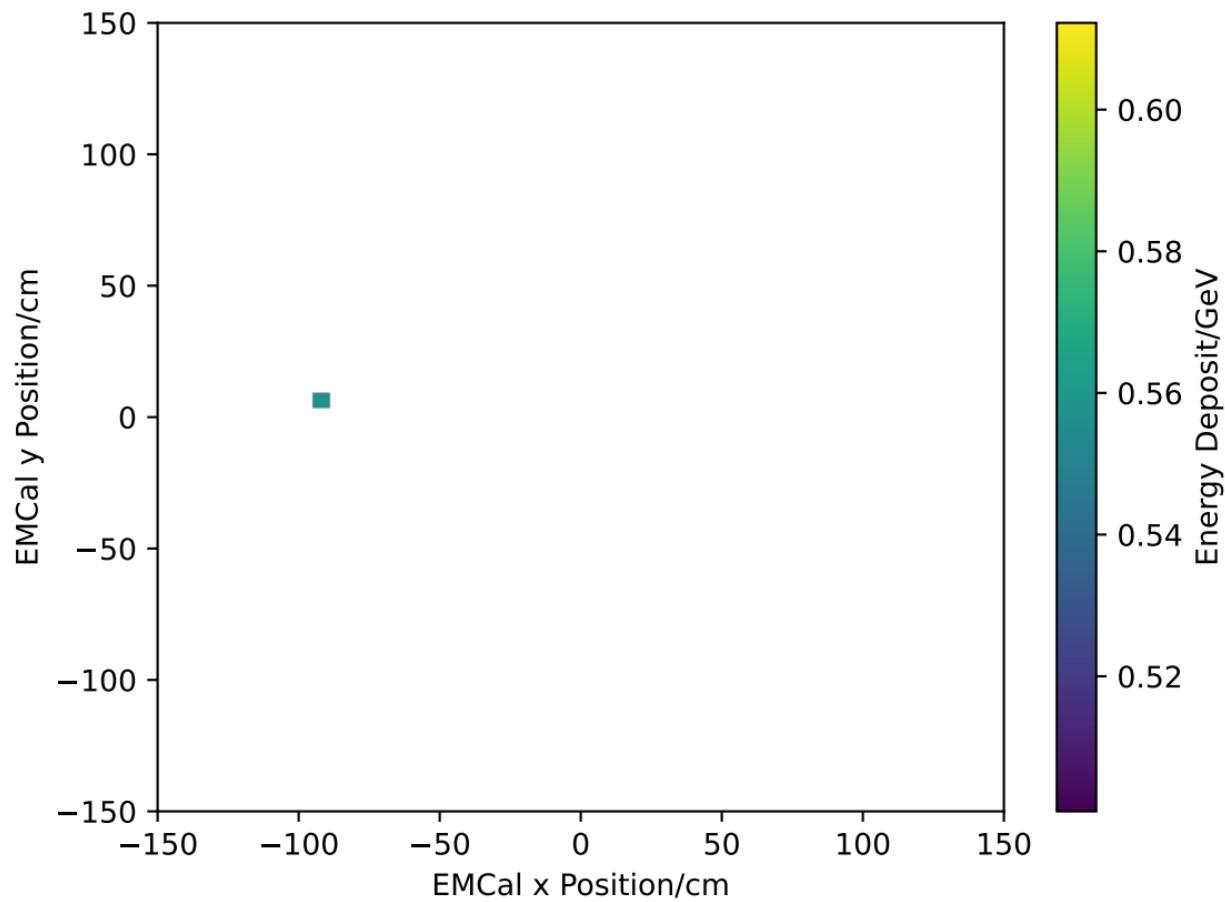
0.54

0.52

0.50

0.48





EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

0.30

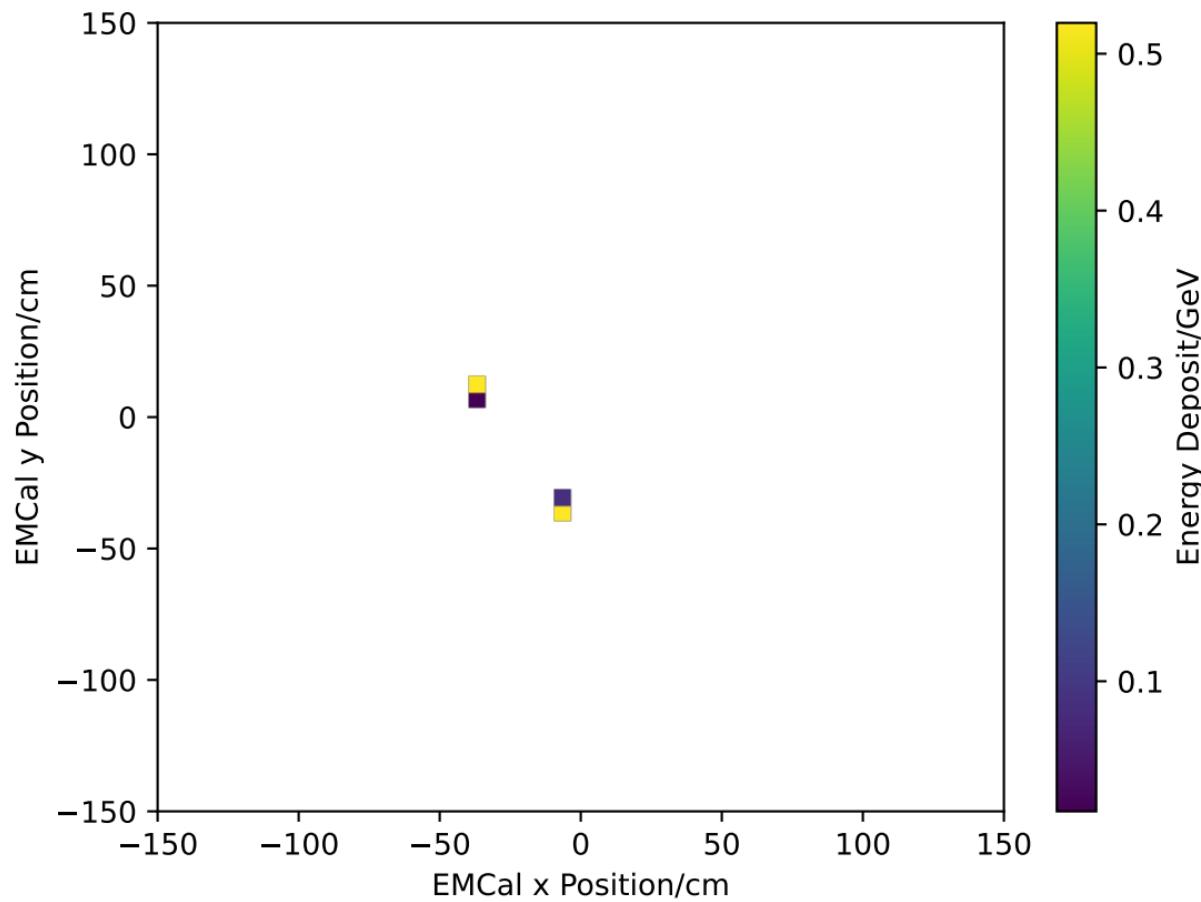
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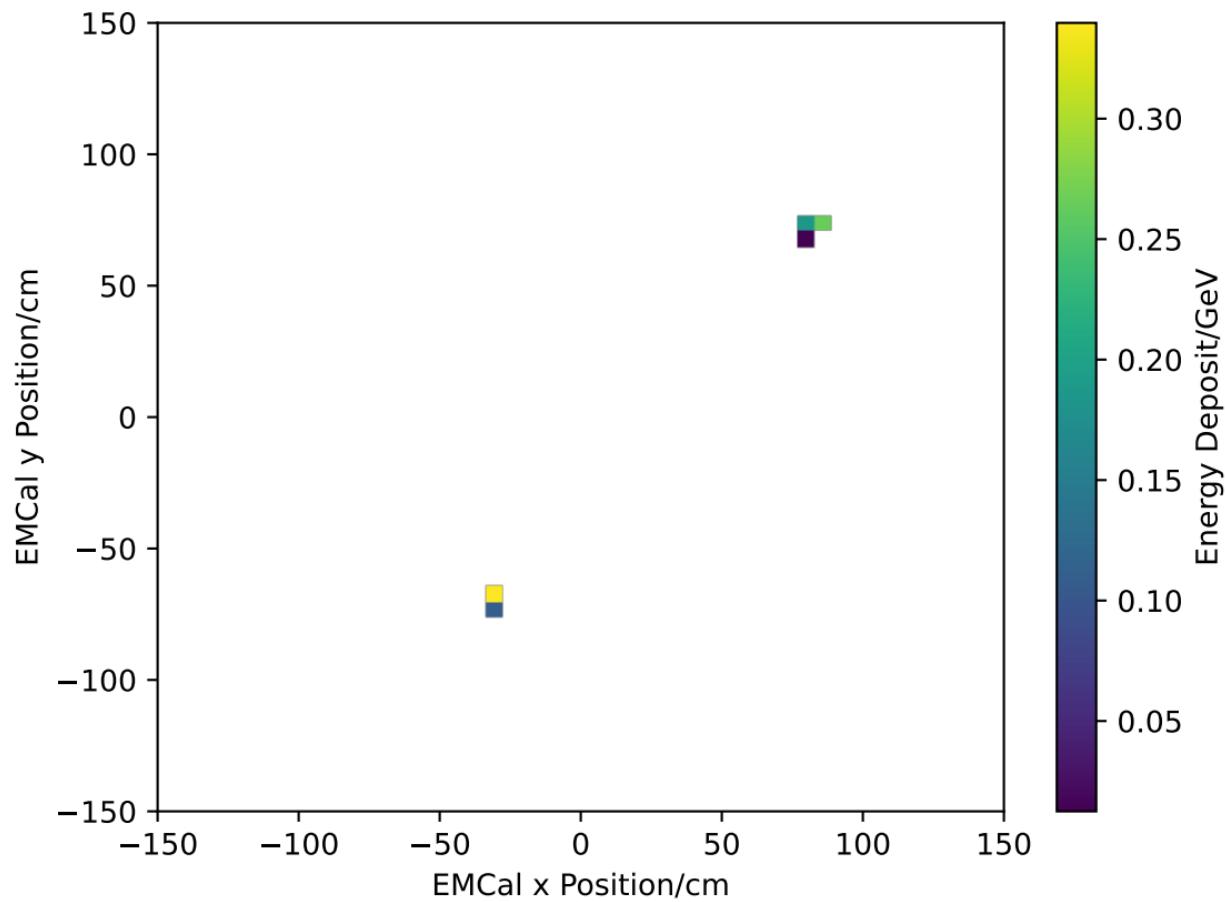
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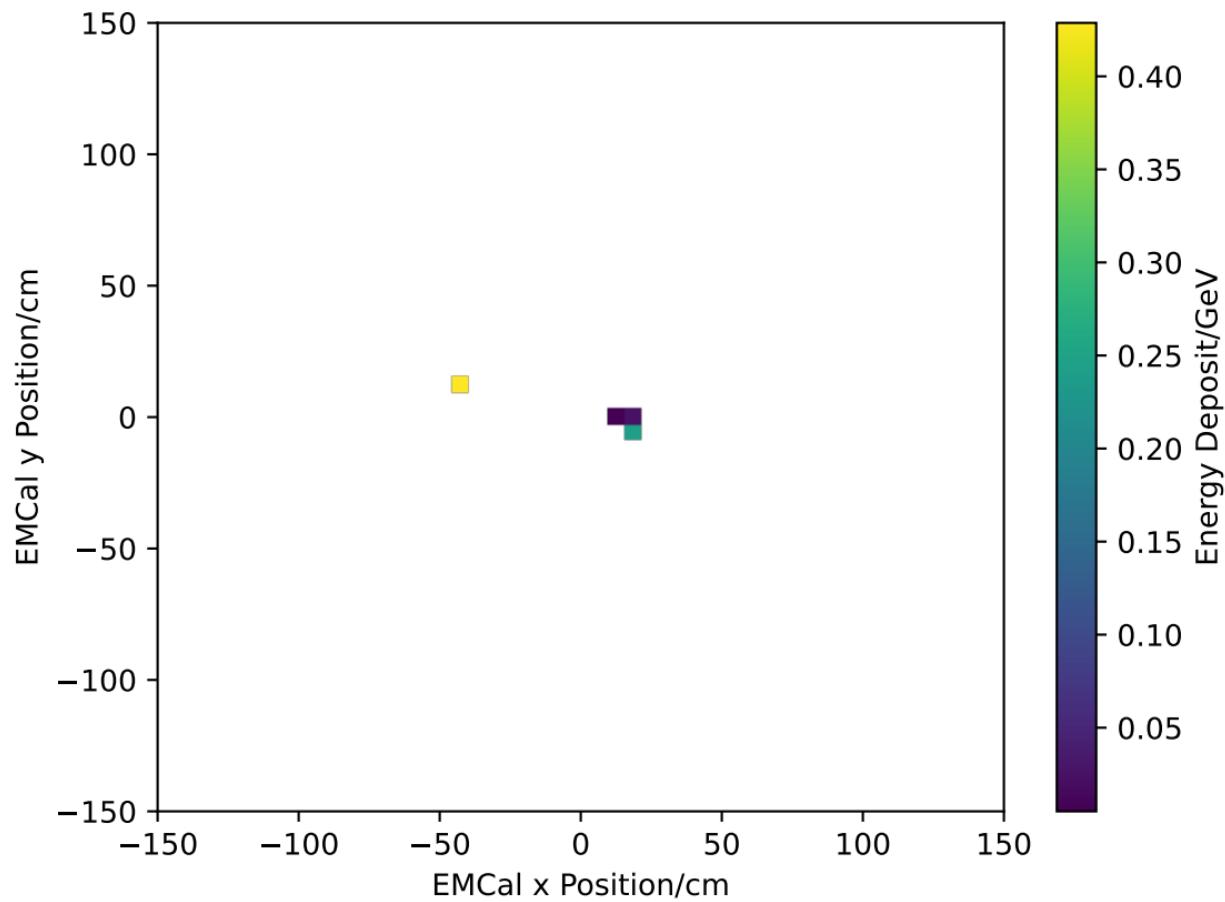
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0.10

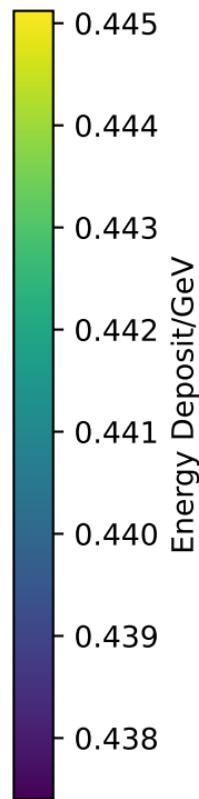
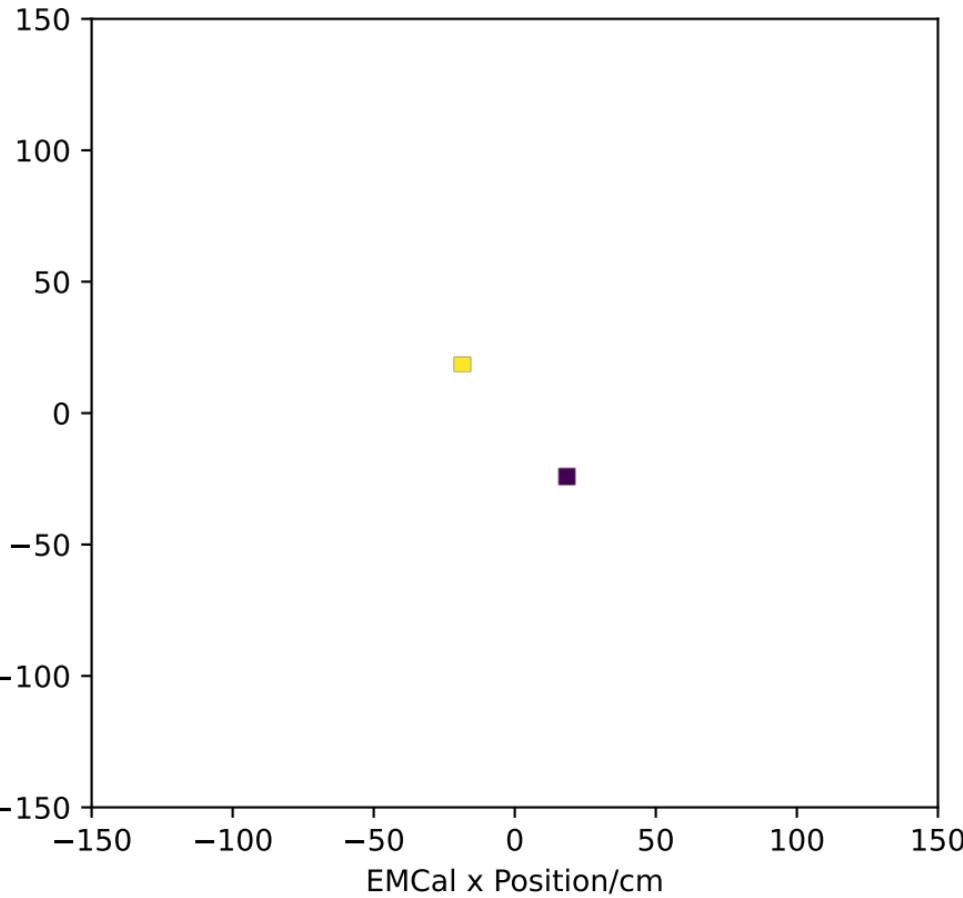
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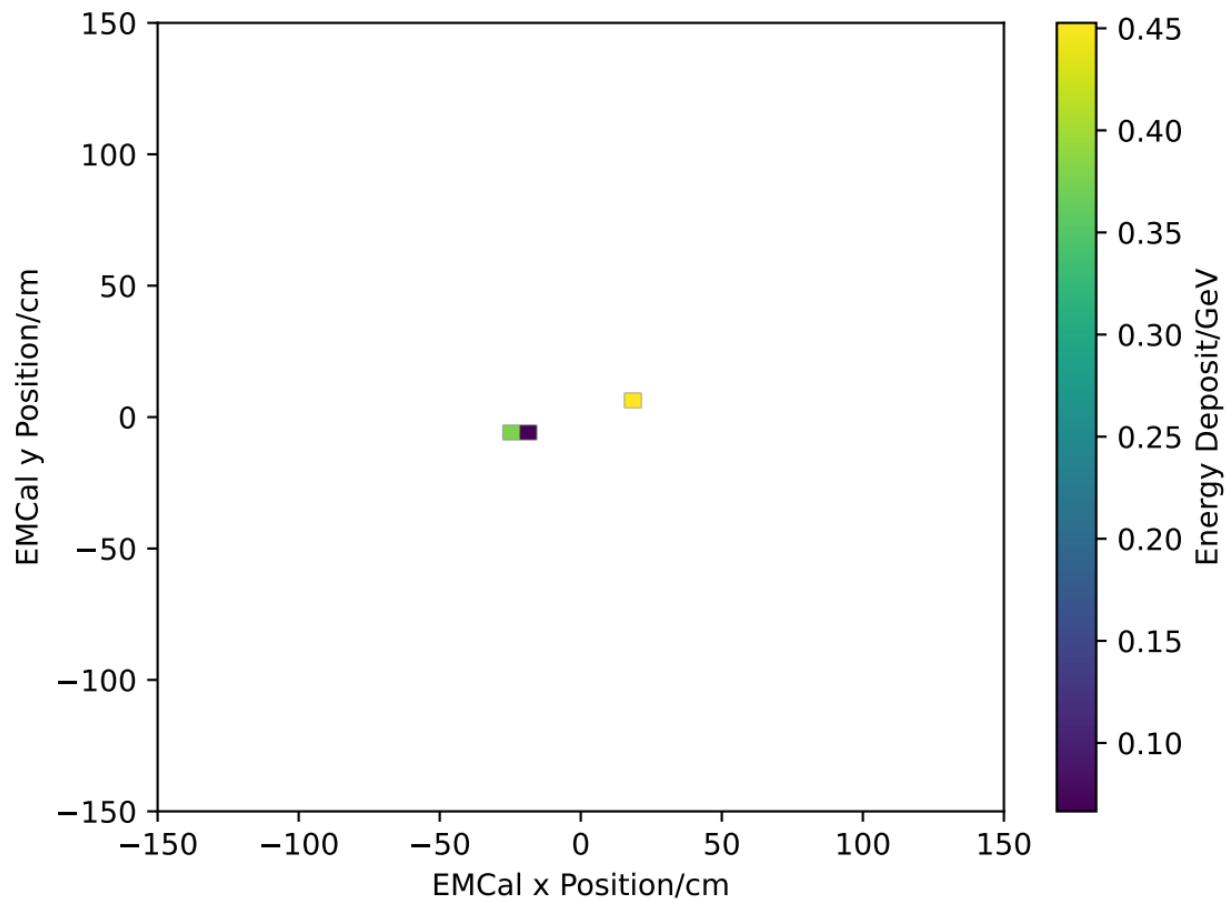


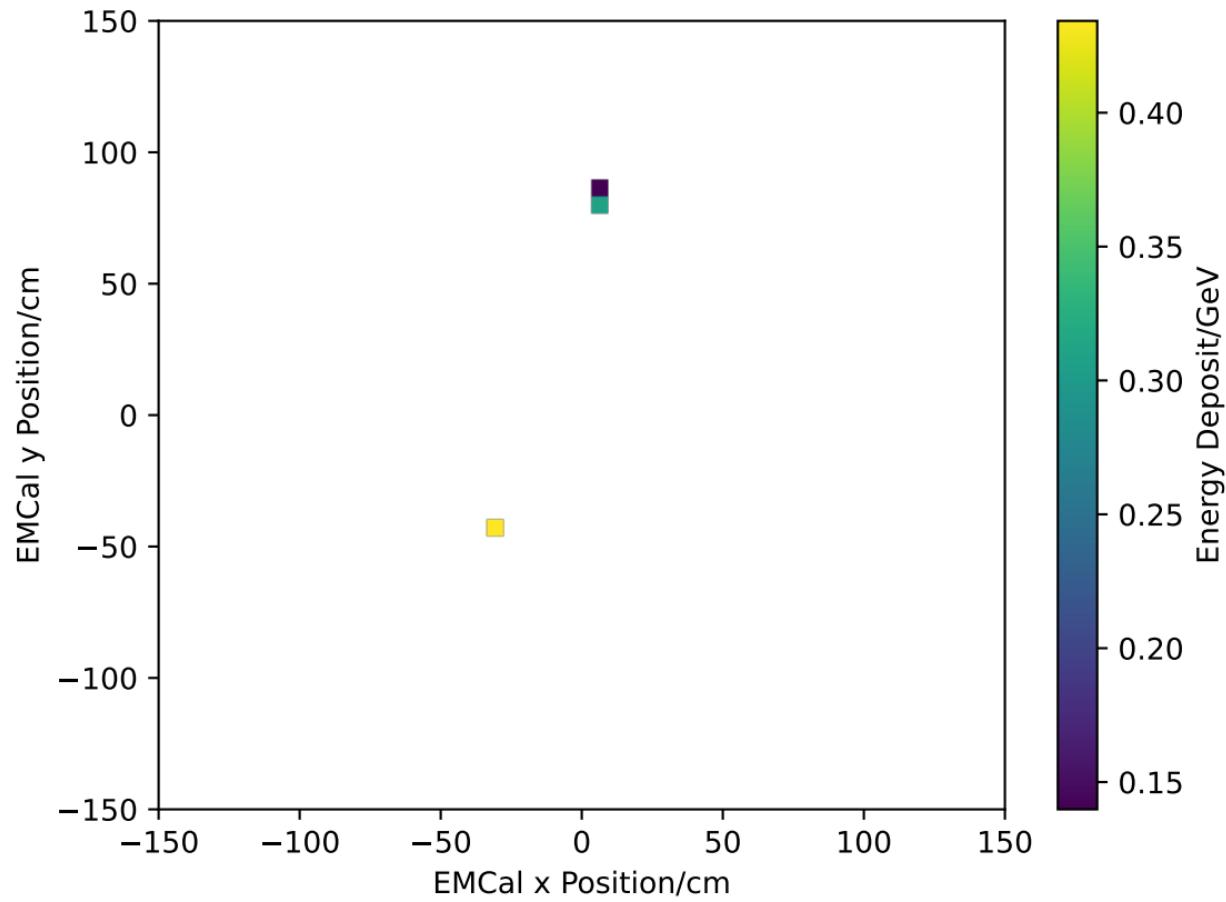




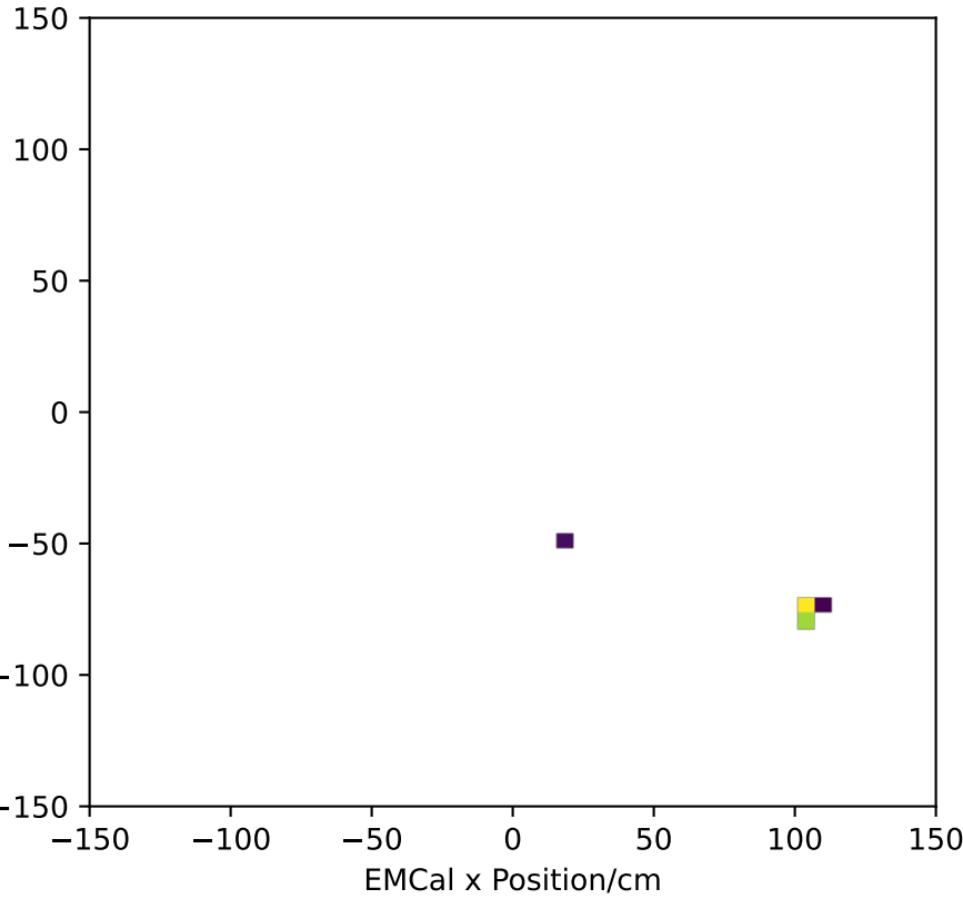
EMCal y Position/cm







EMCal y Position/cm



Energy Deposit/GeV

EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

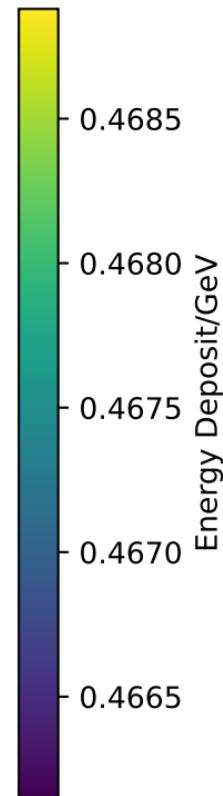
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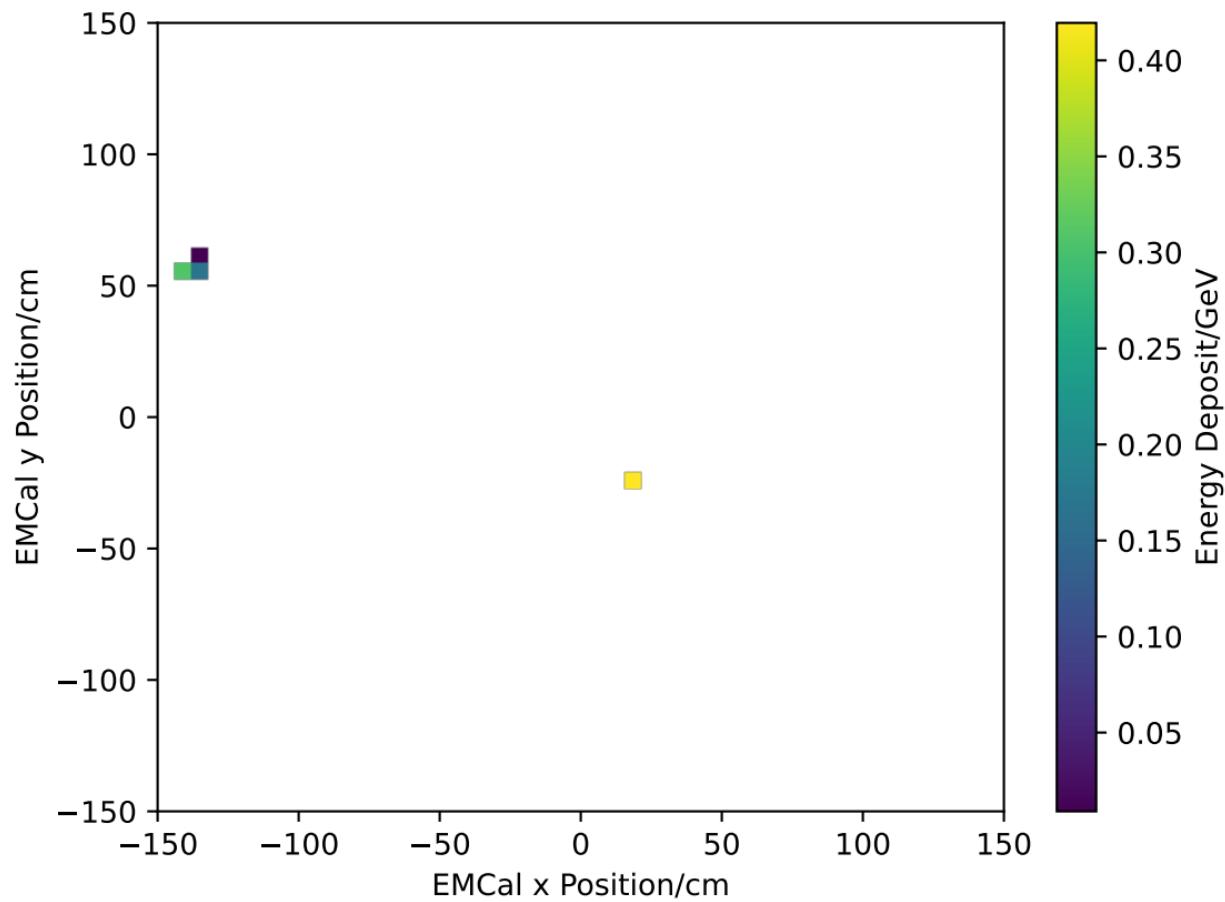
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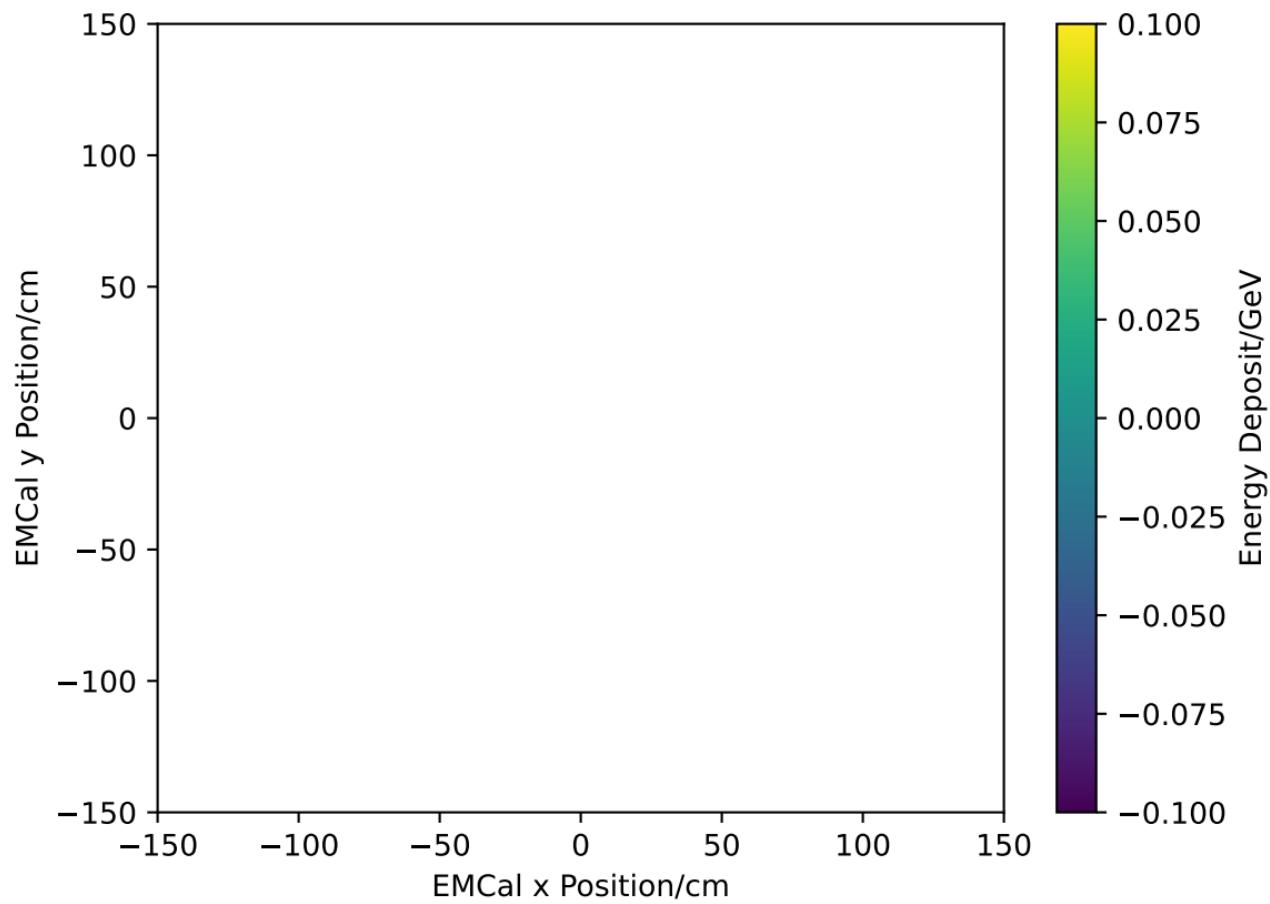
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150

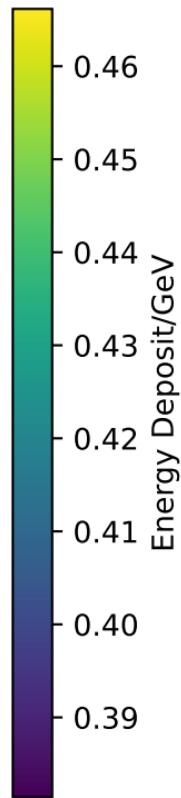
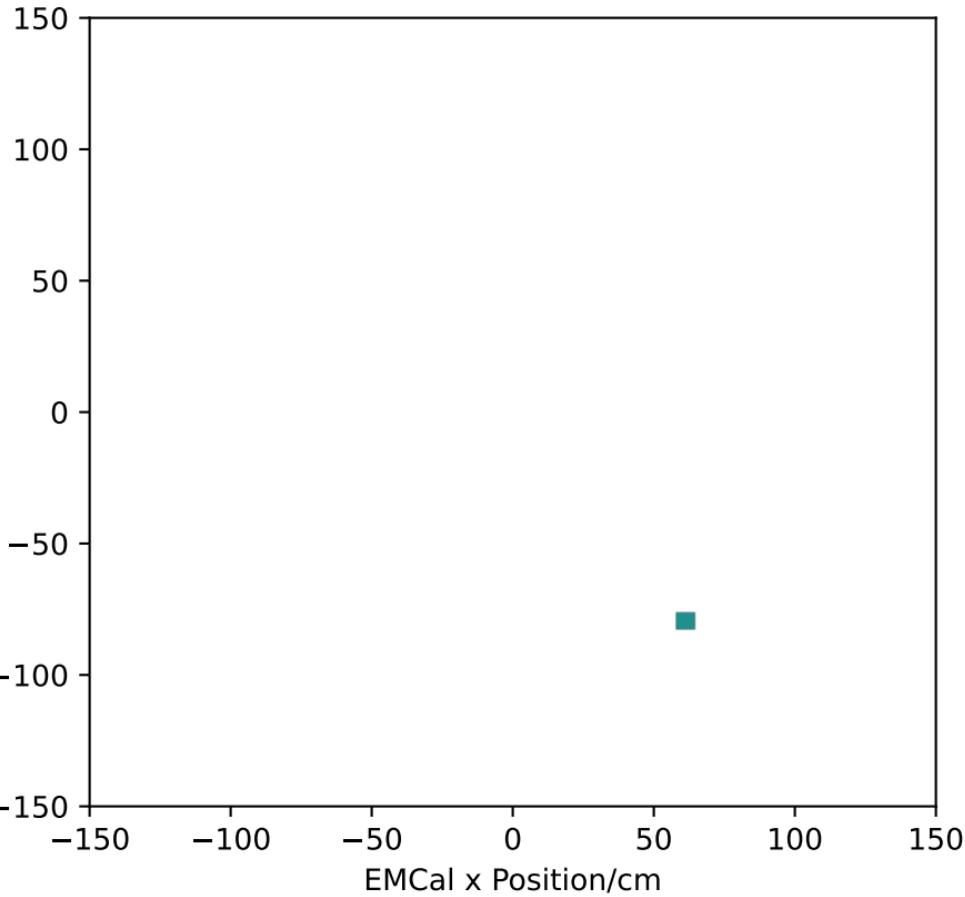
EMCal x Position/cm

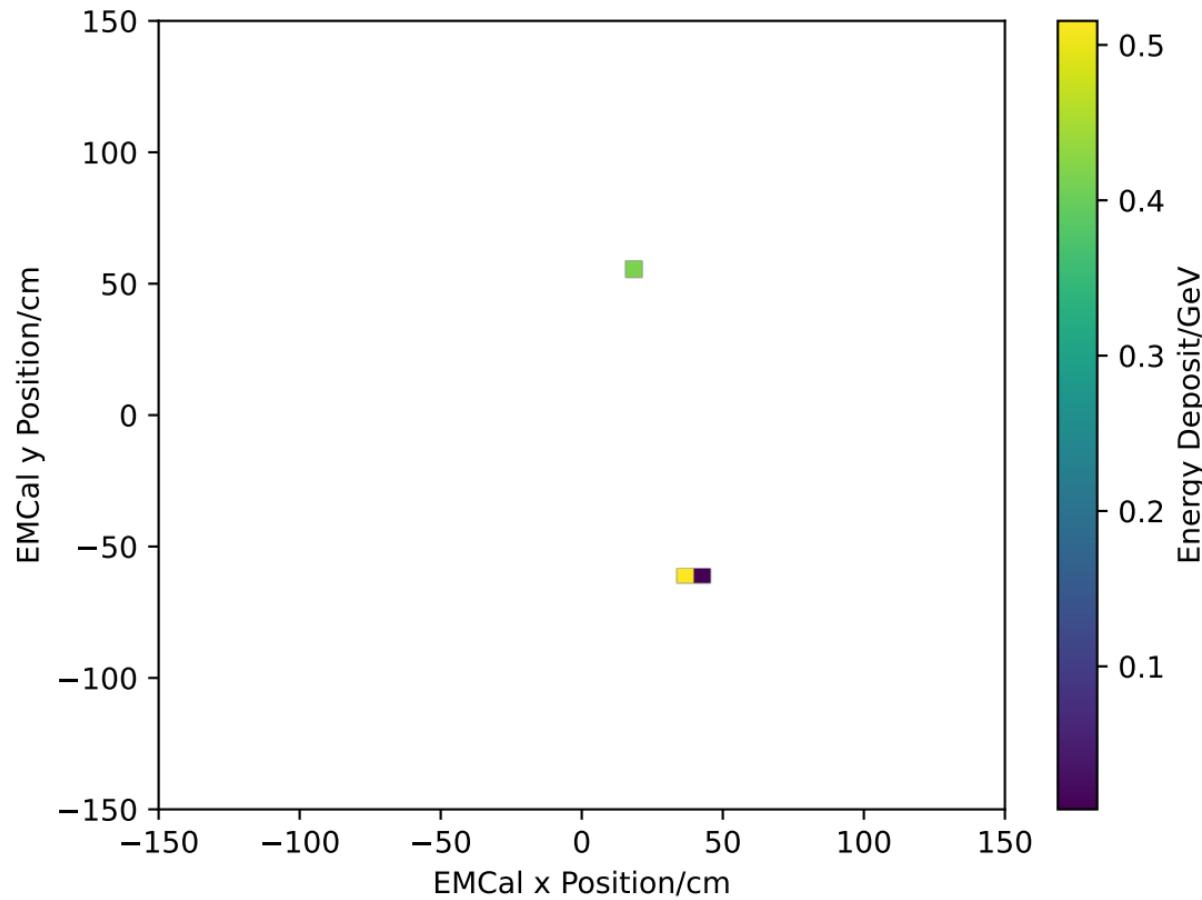


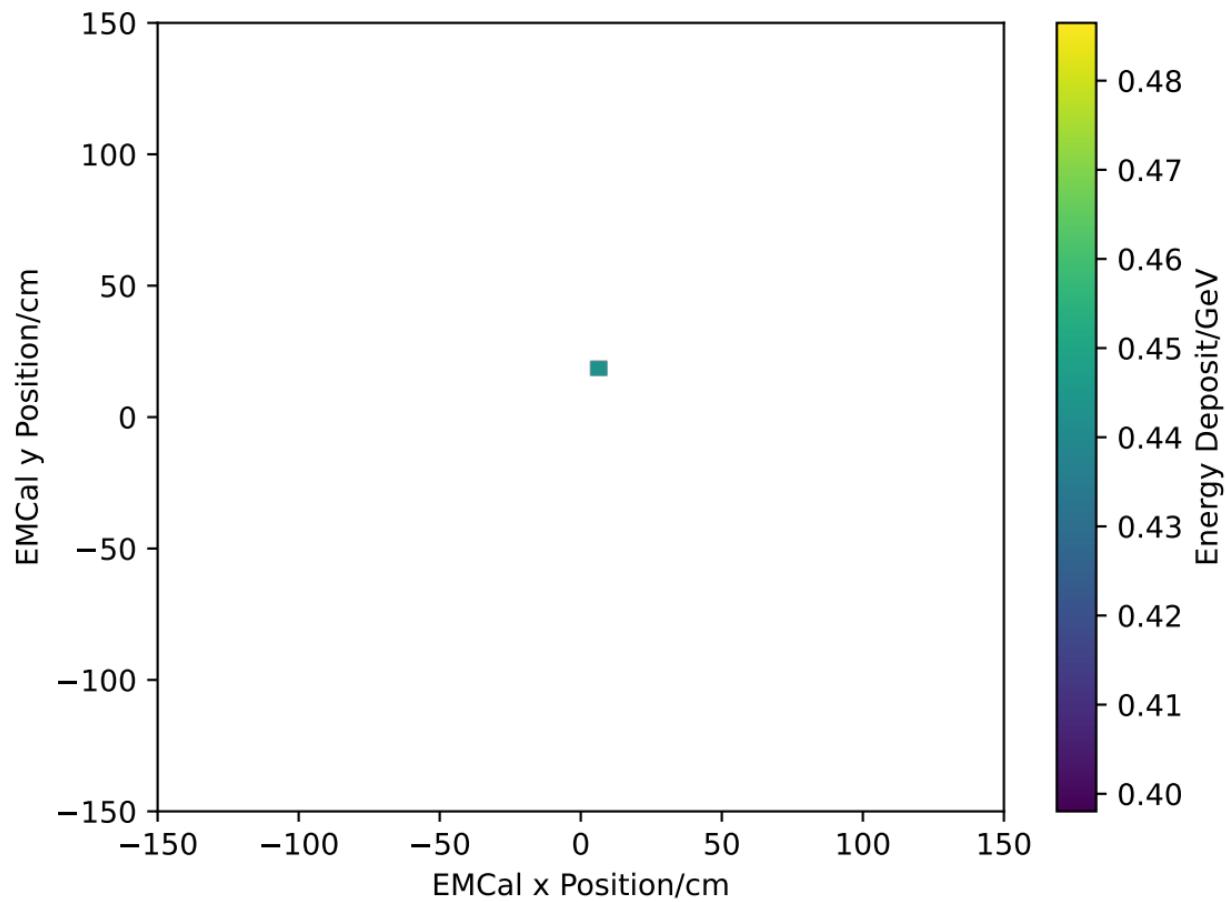


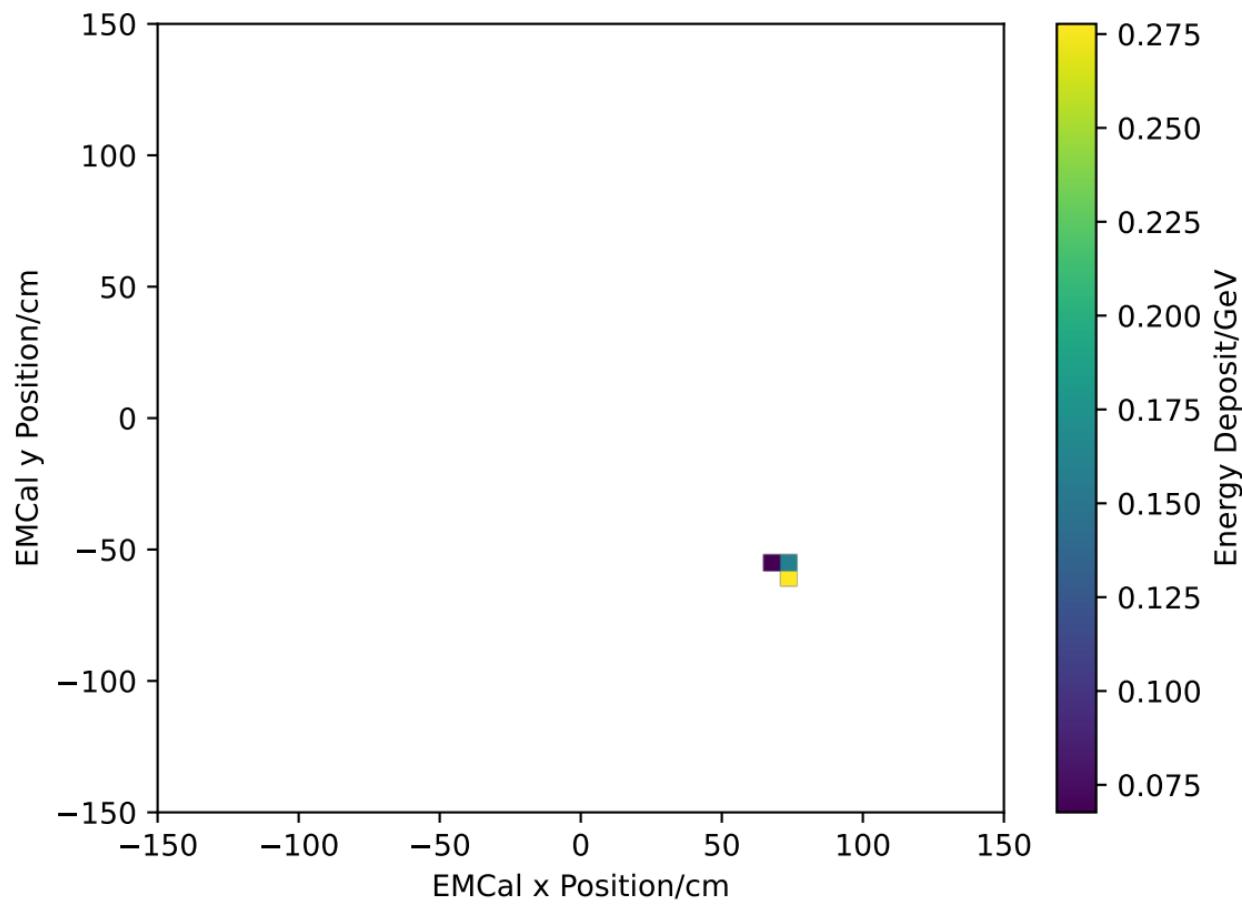


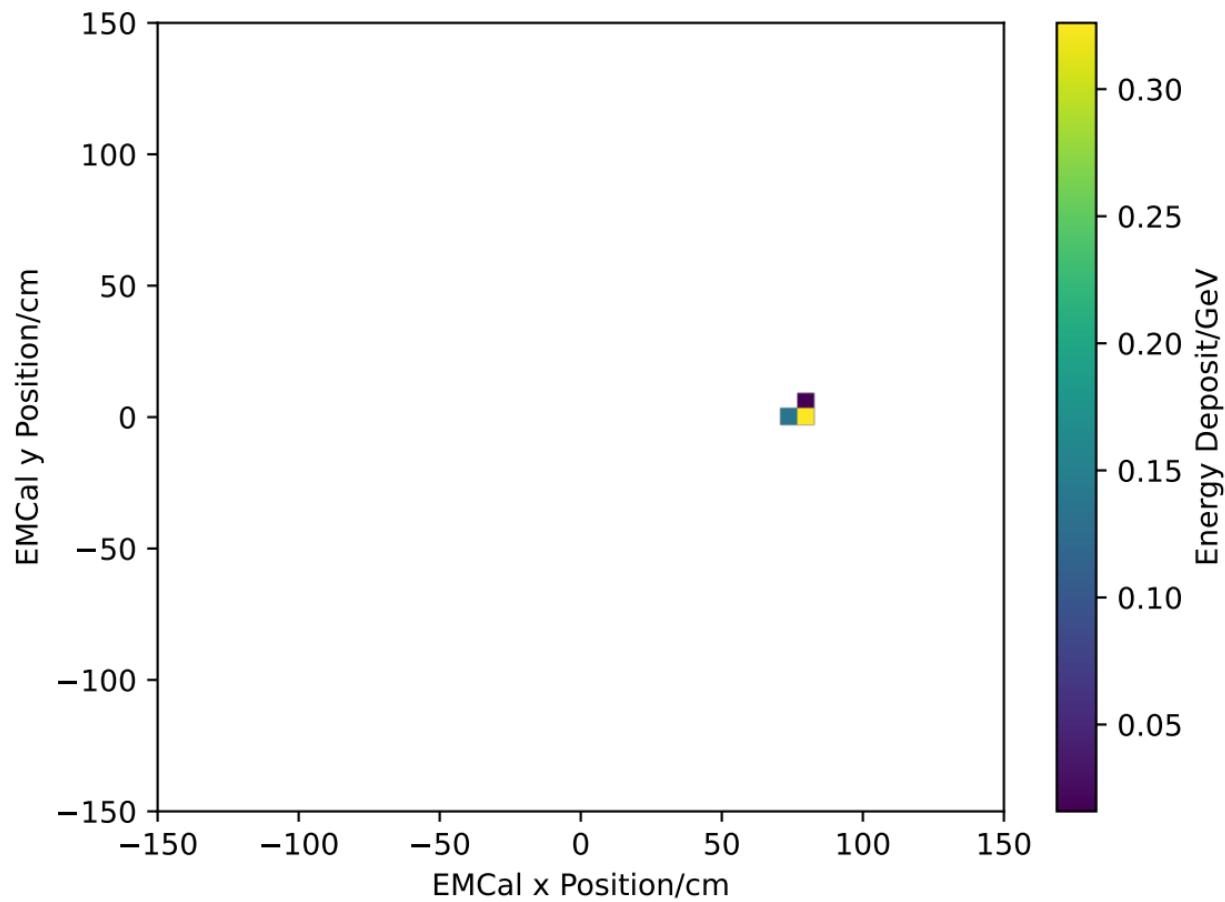
EMCal y Position/cm



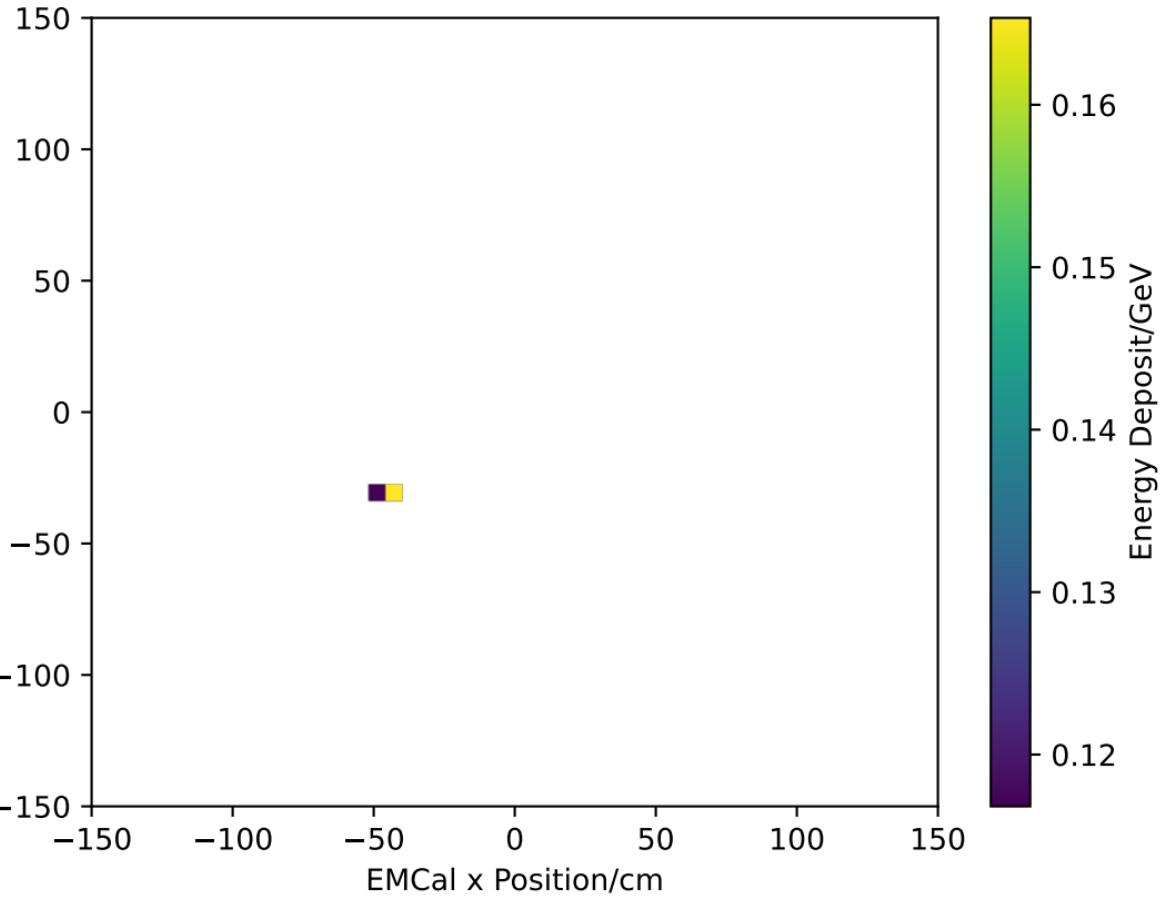




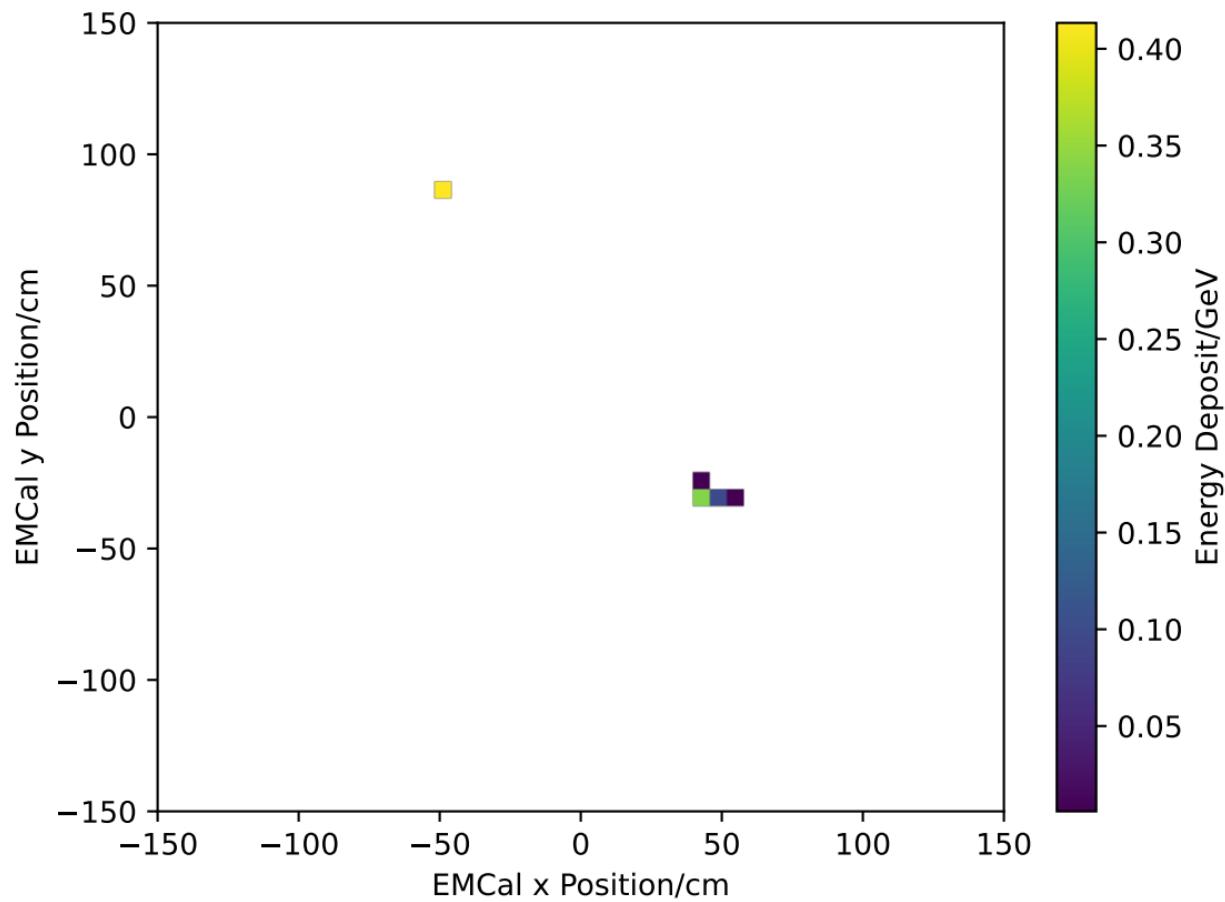


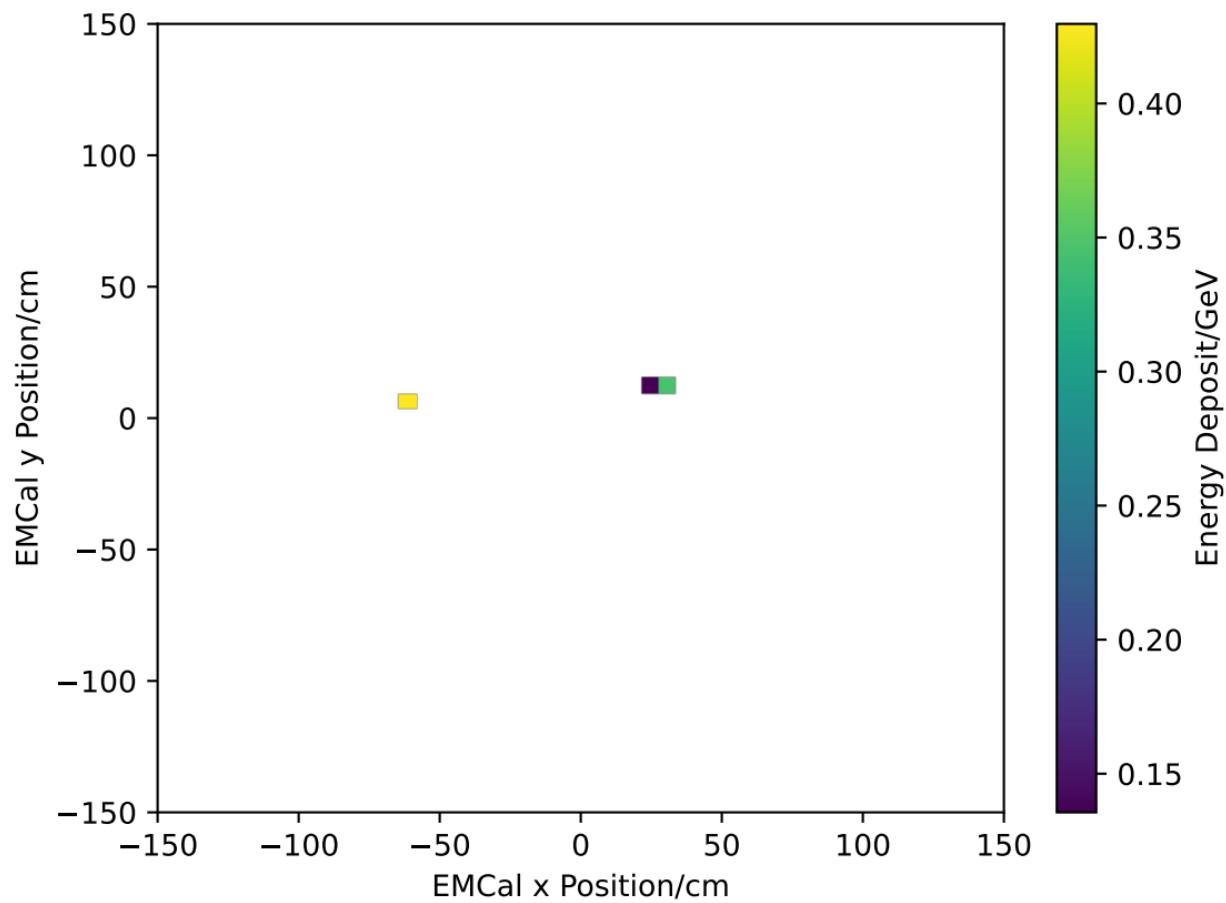


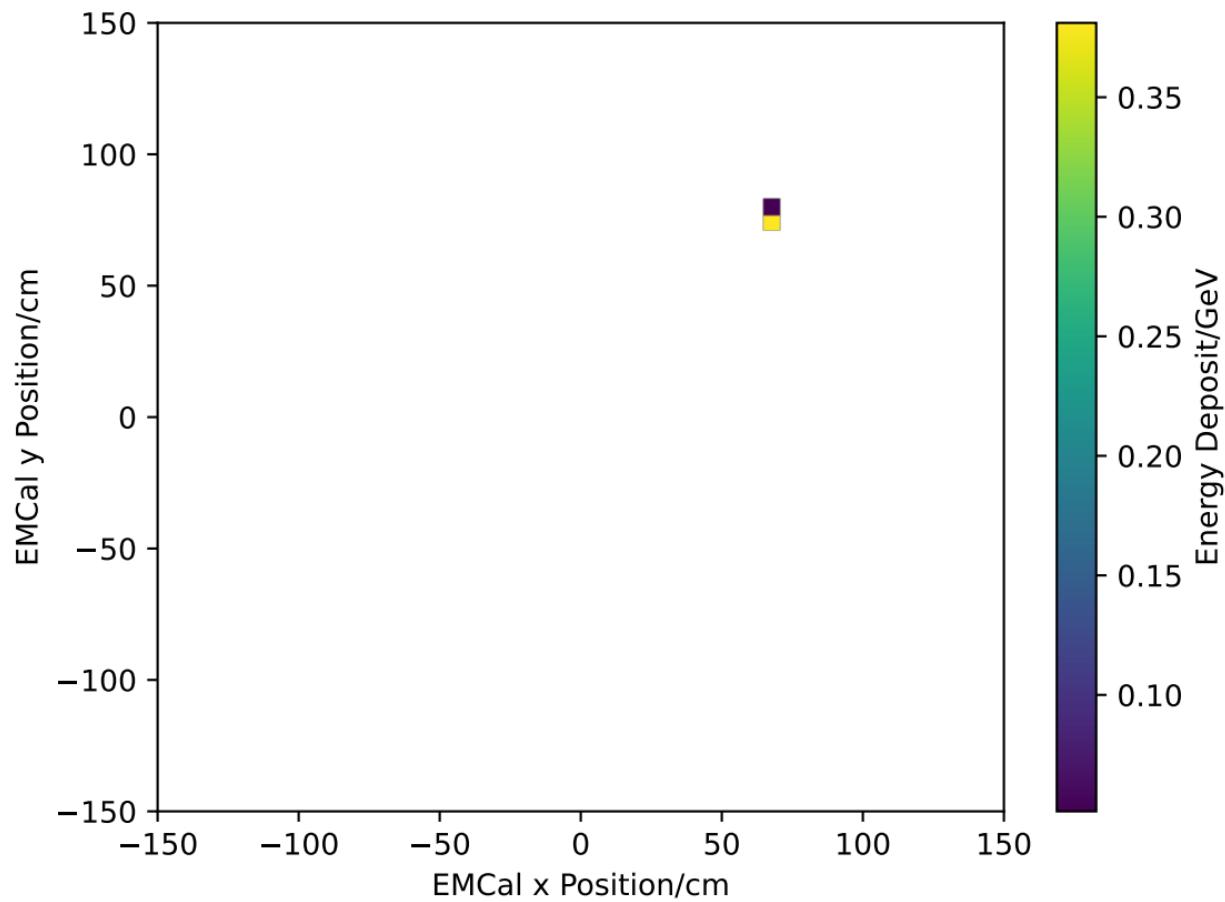
EMCal y Position/cm

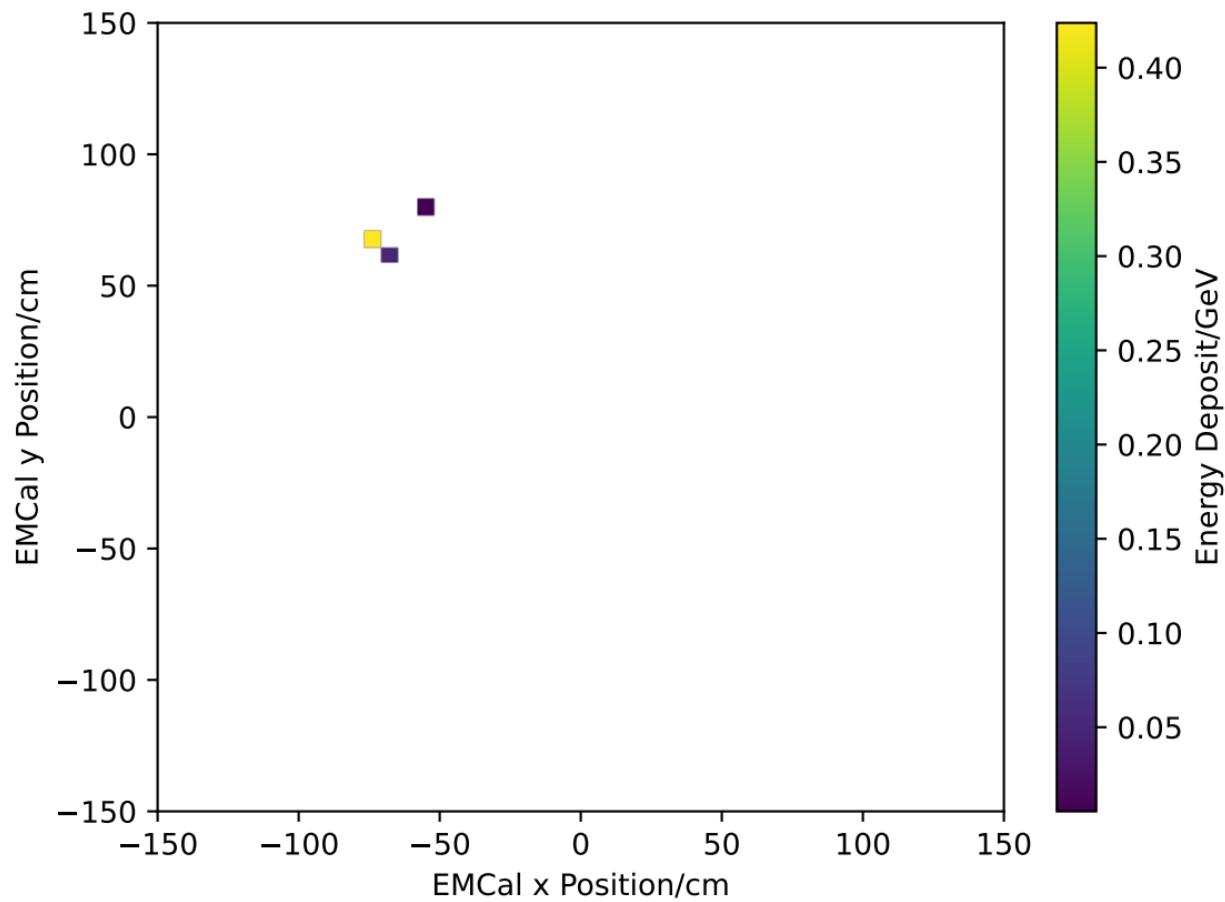


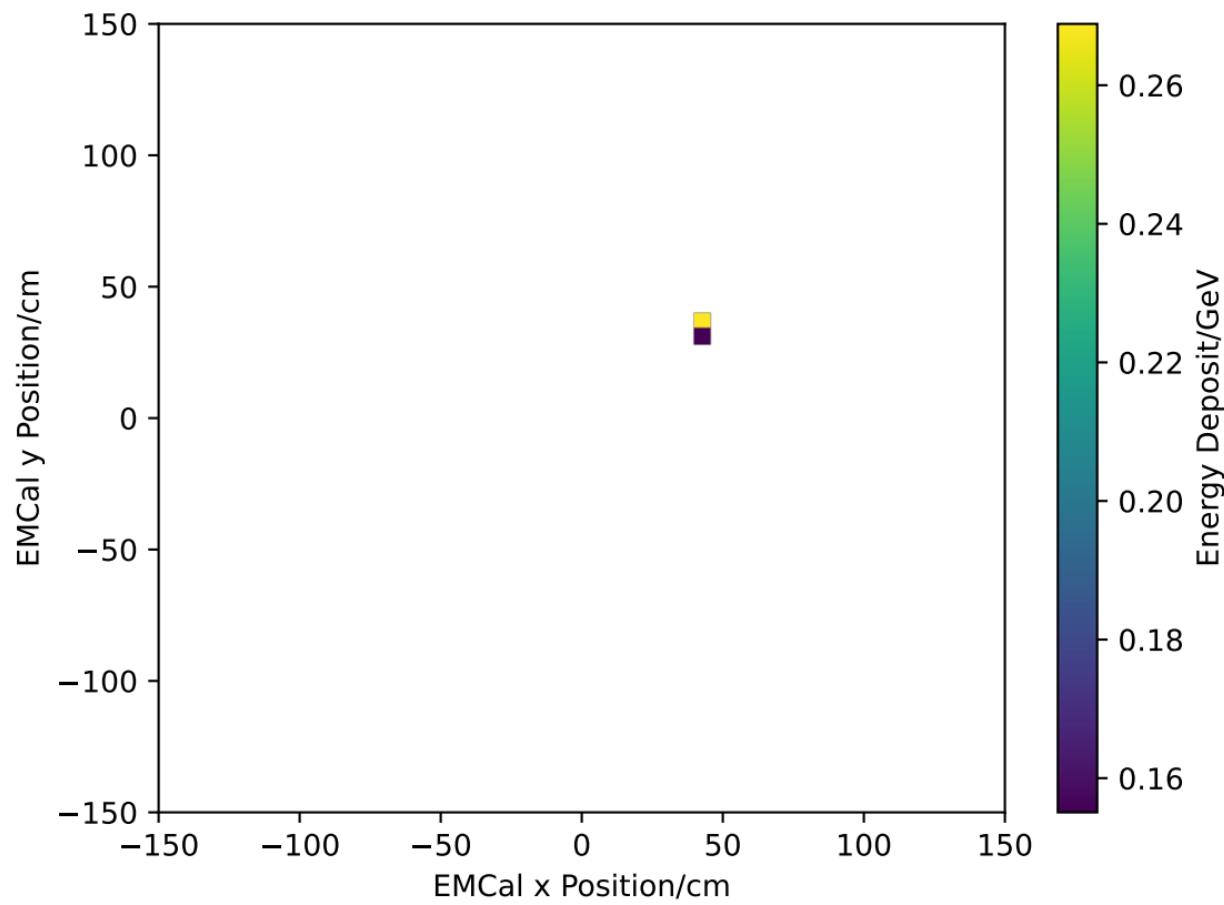
Energy Deposit/GeV

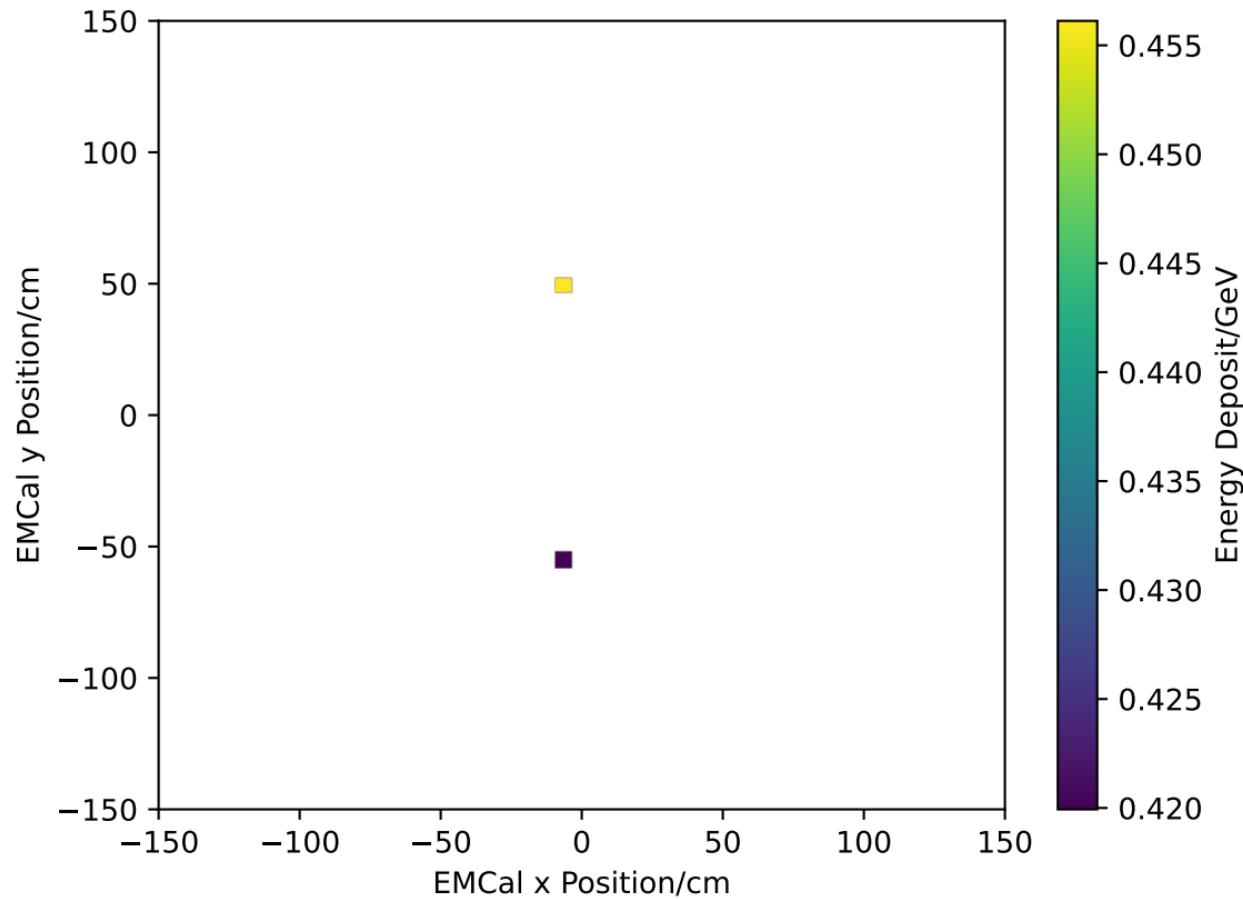


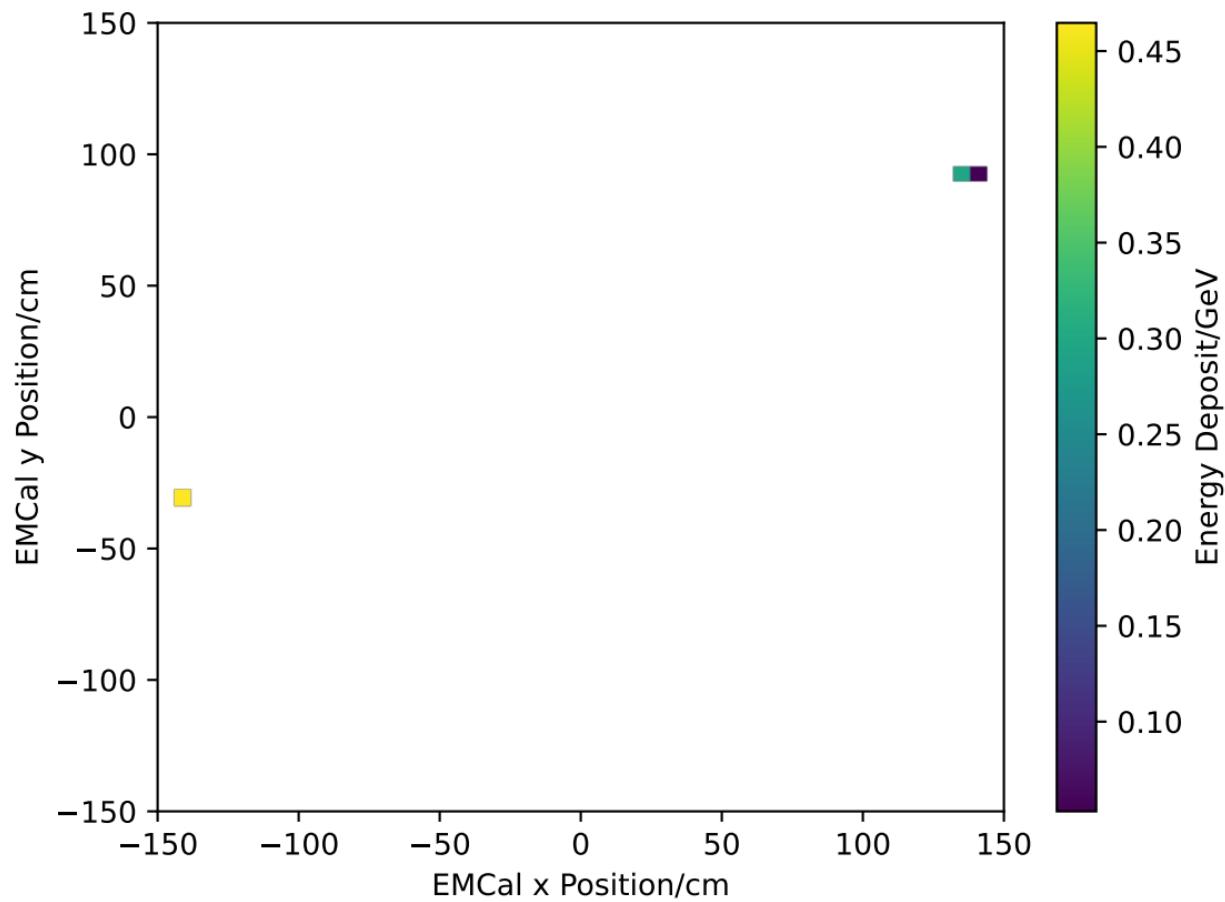


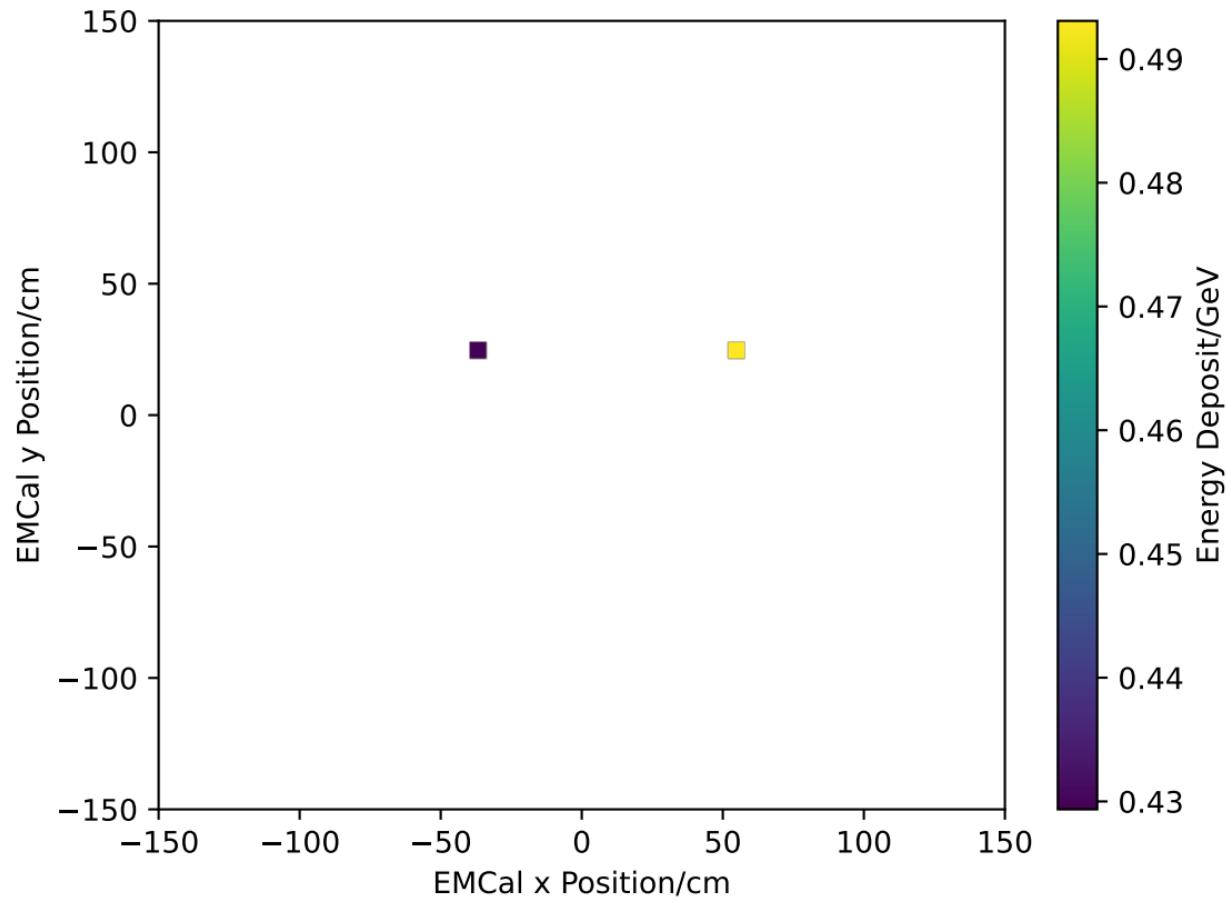


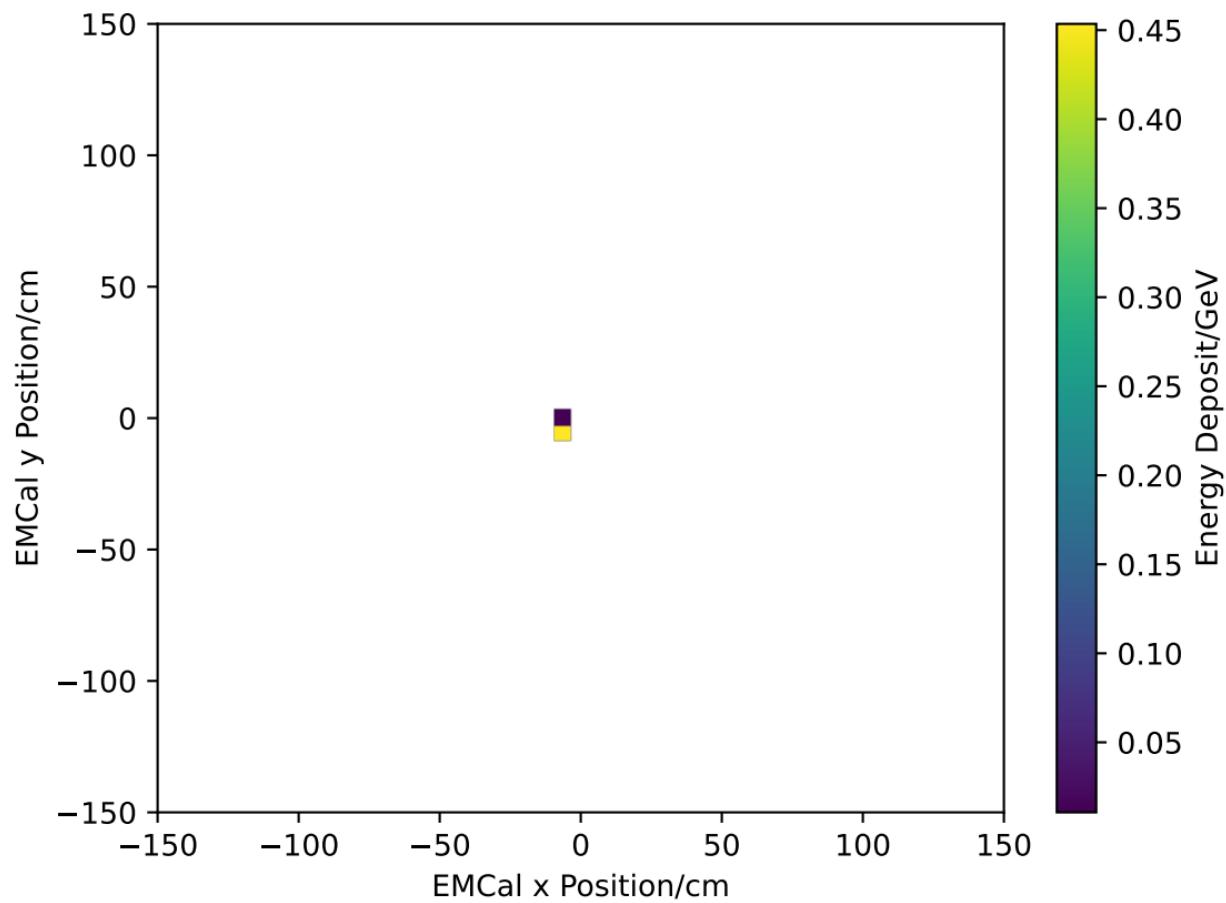


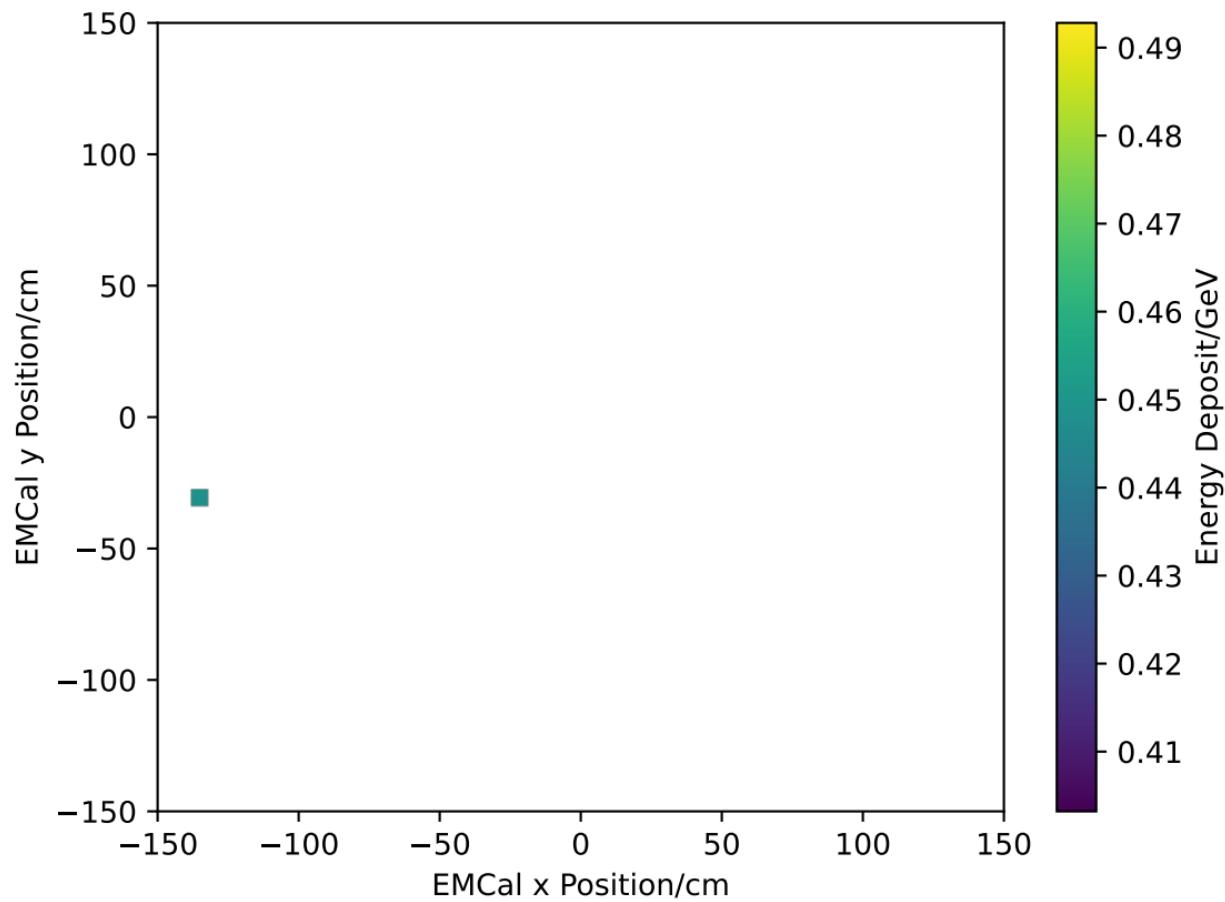




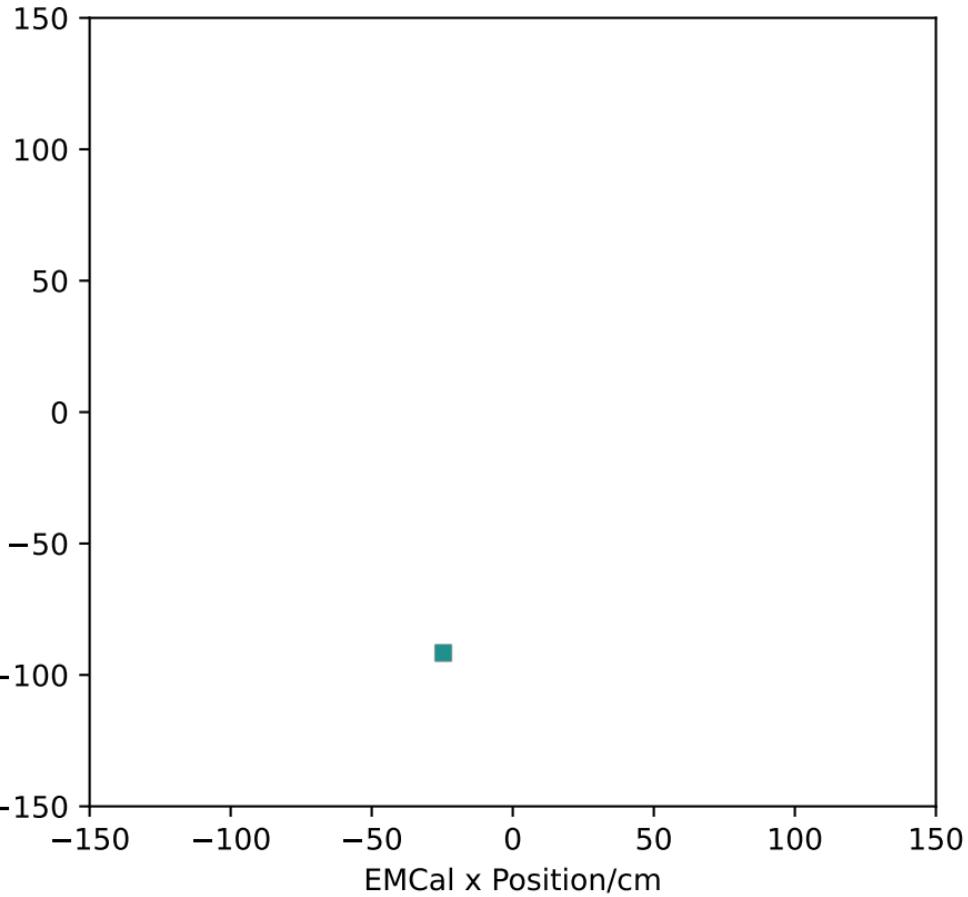




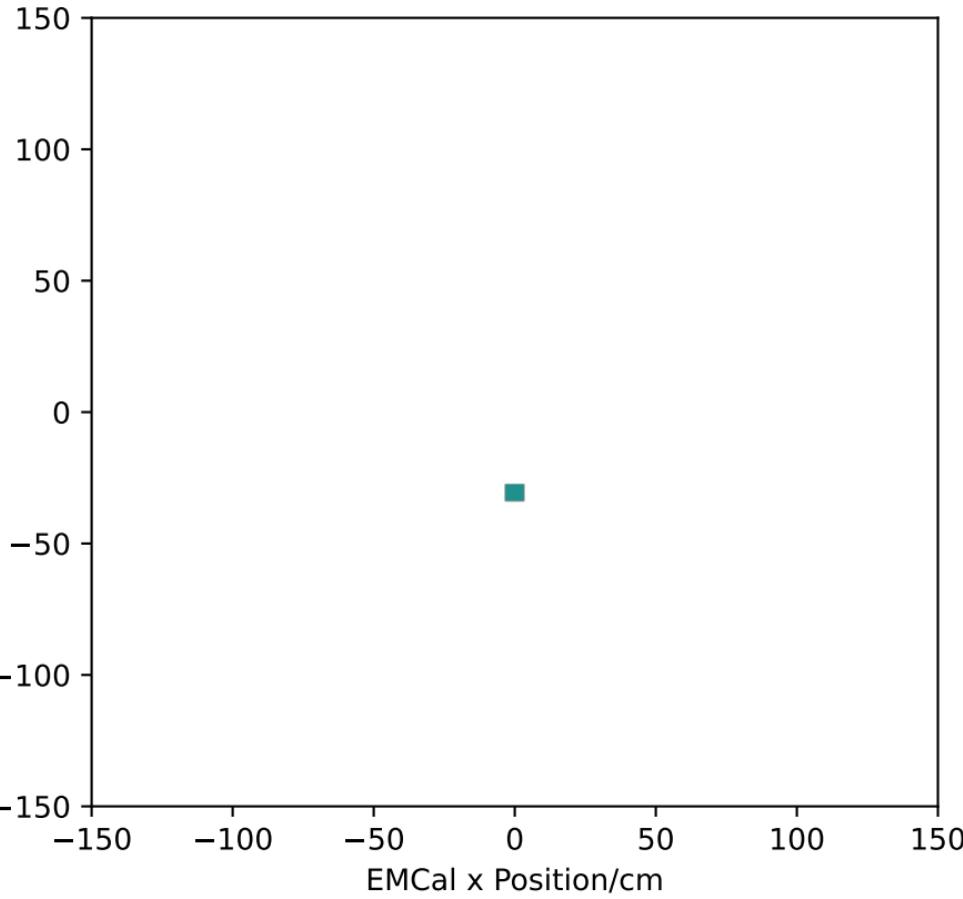




EMCal y Position/cm

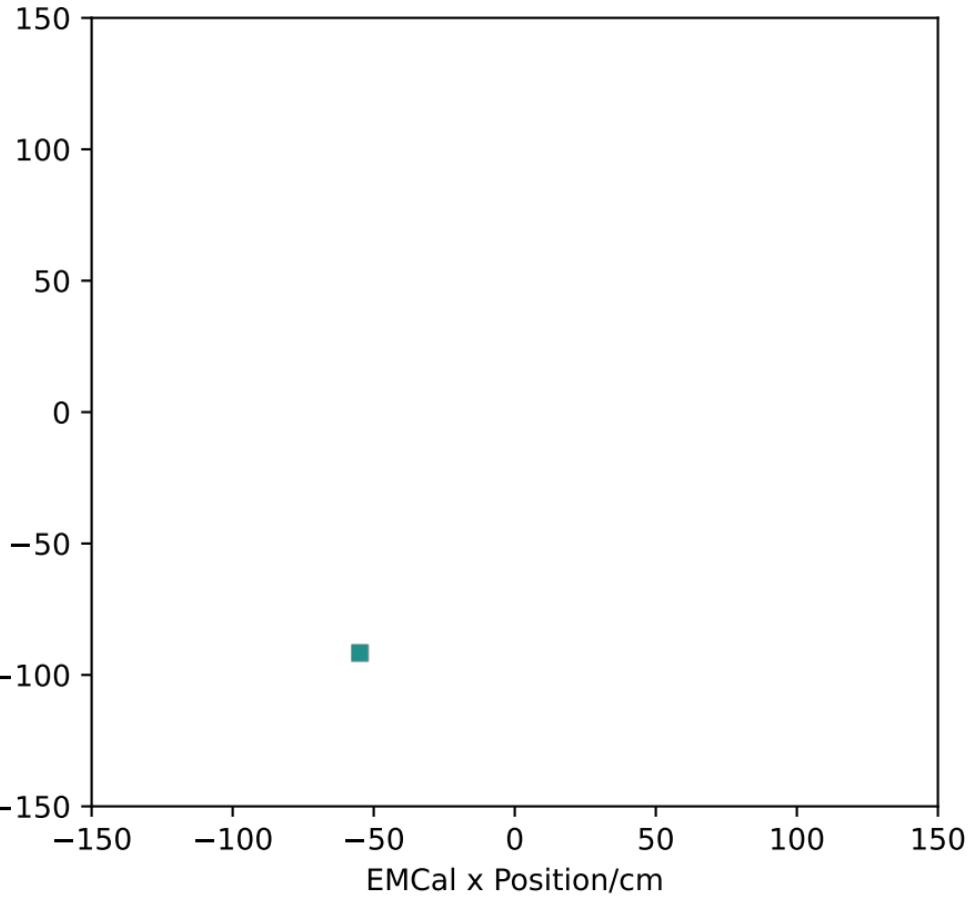


EMCal y Position/cm

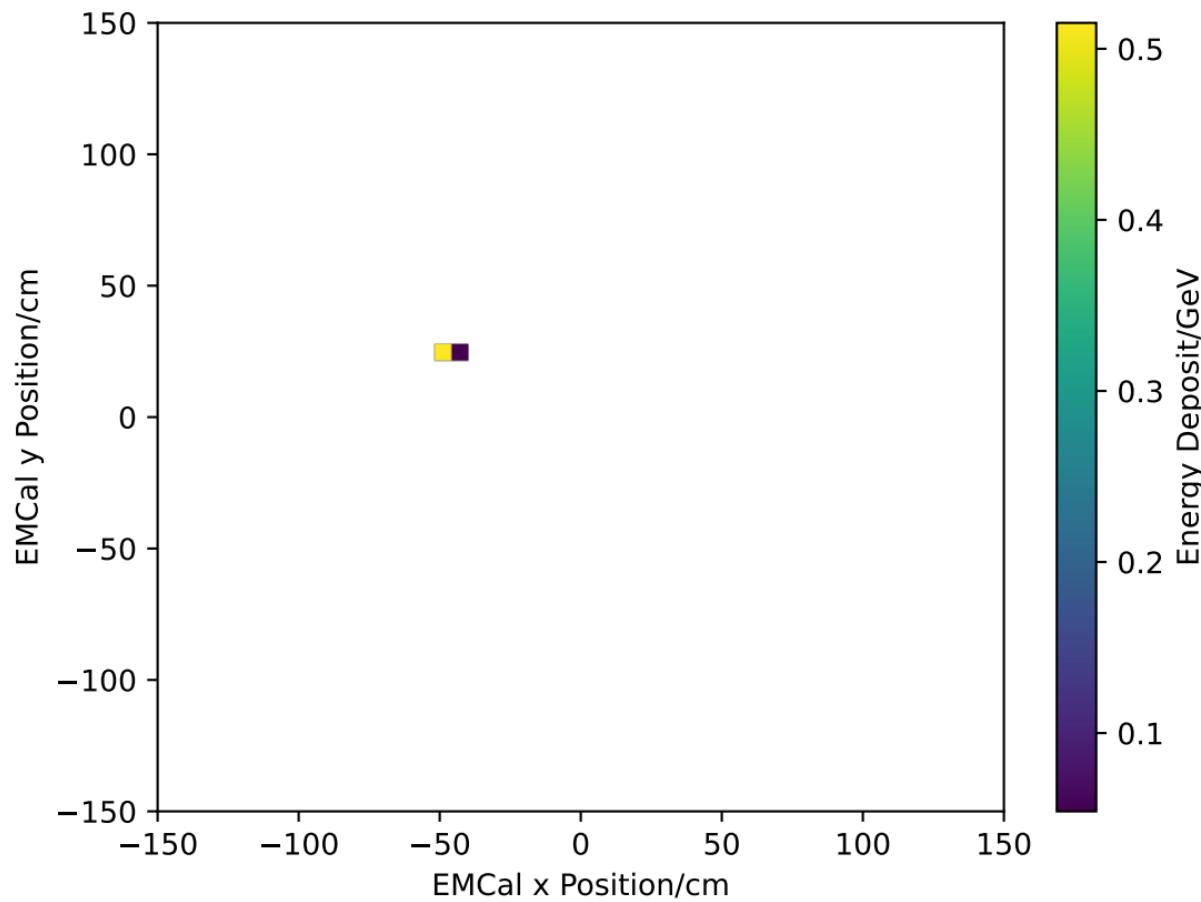


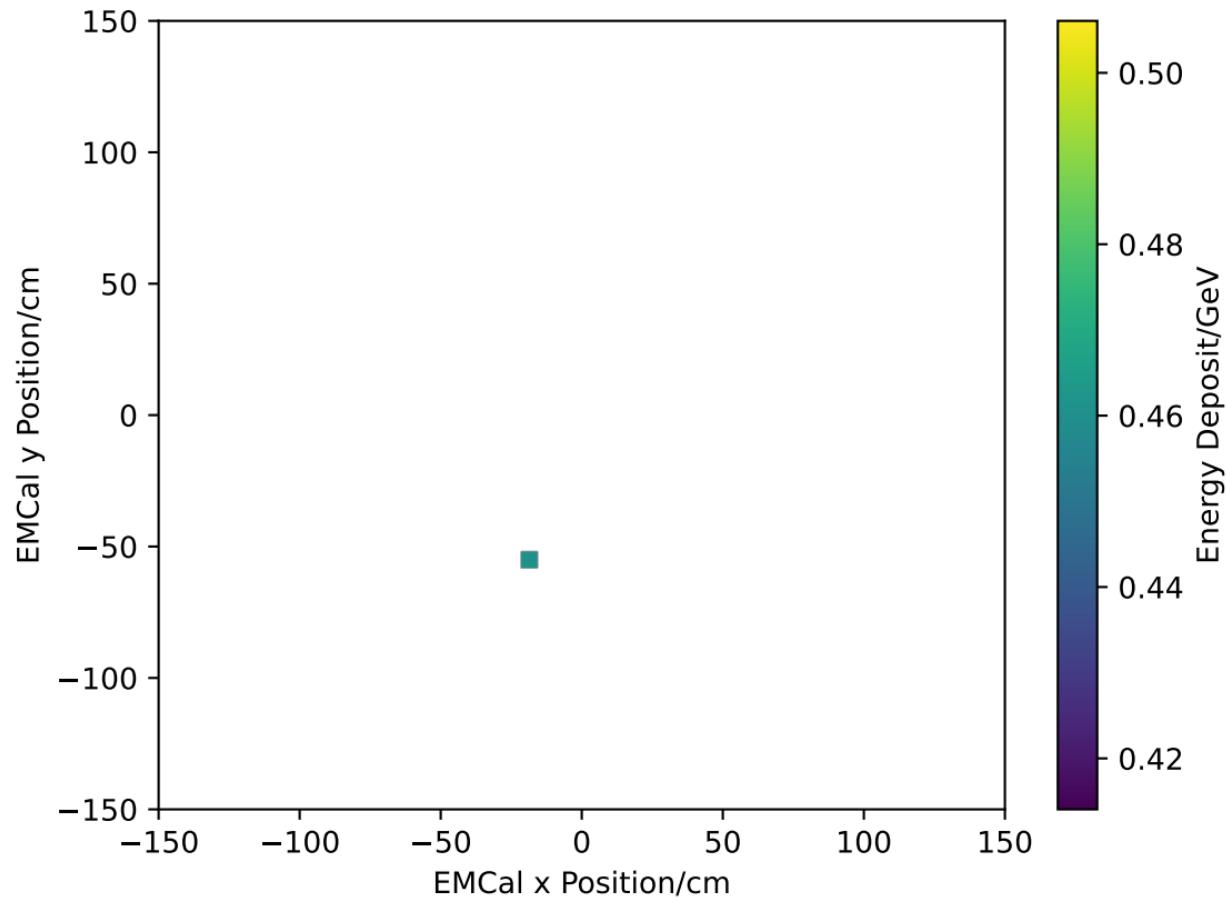
Energy Deposit/GeV

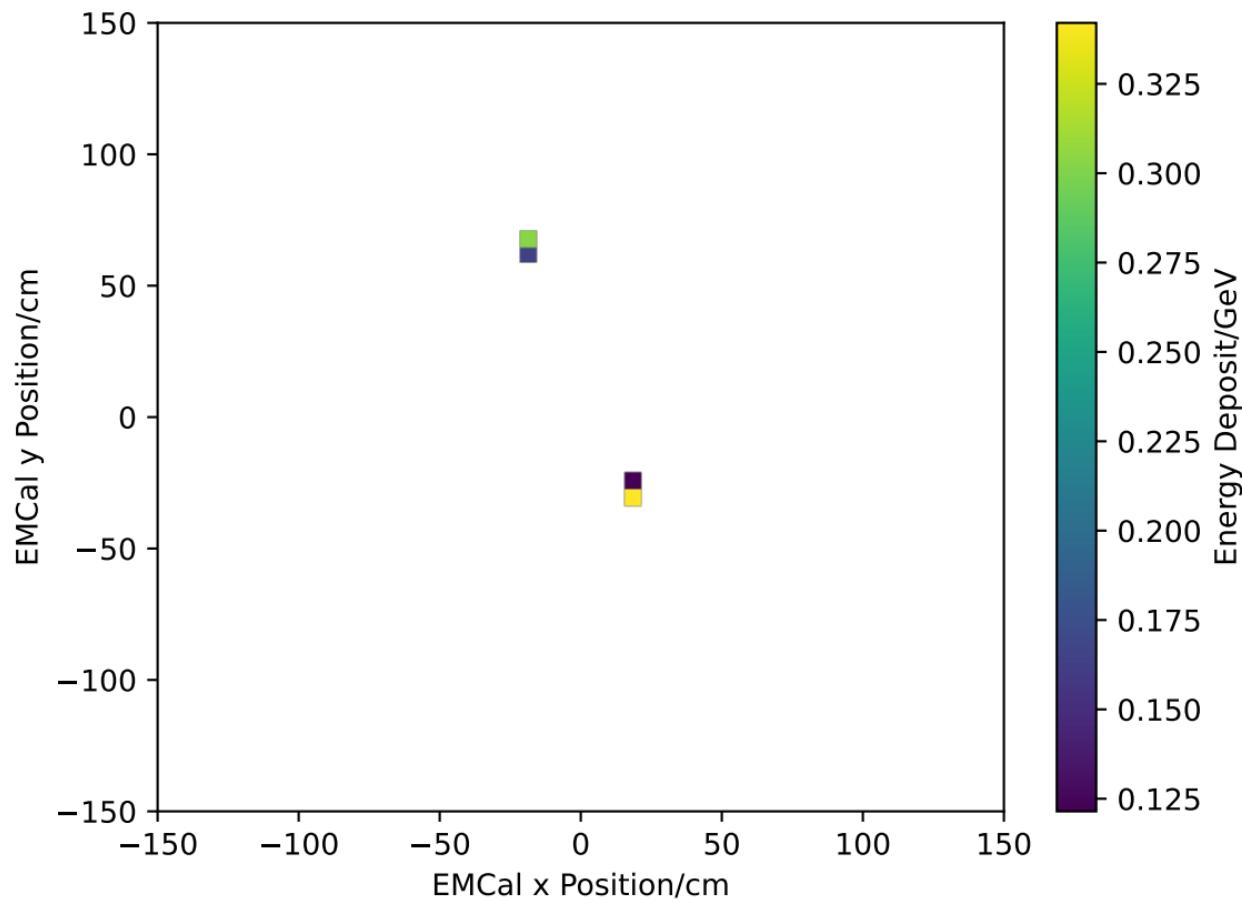
EMCal y Position/cm

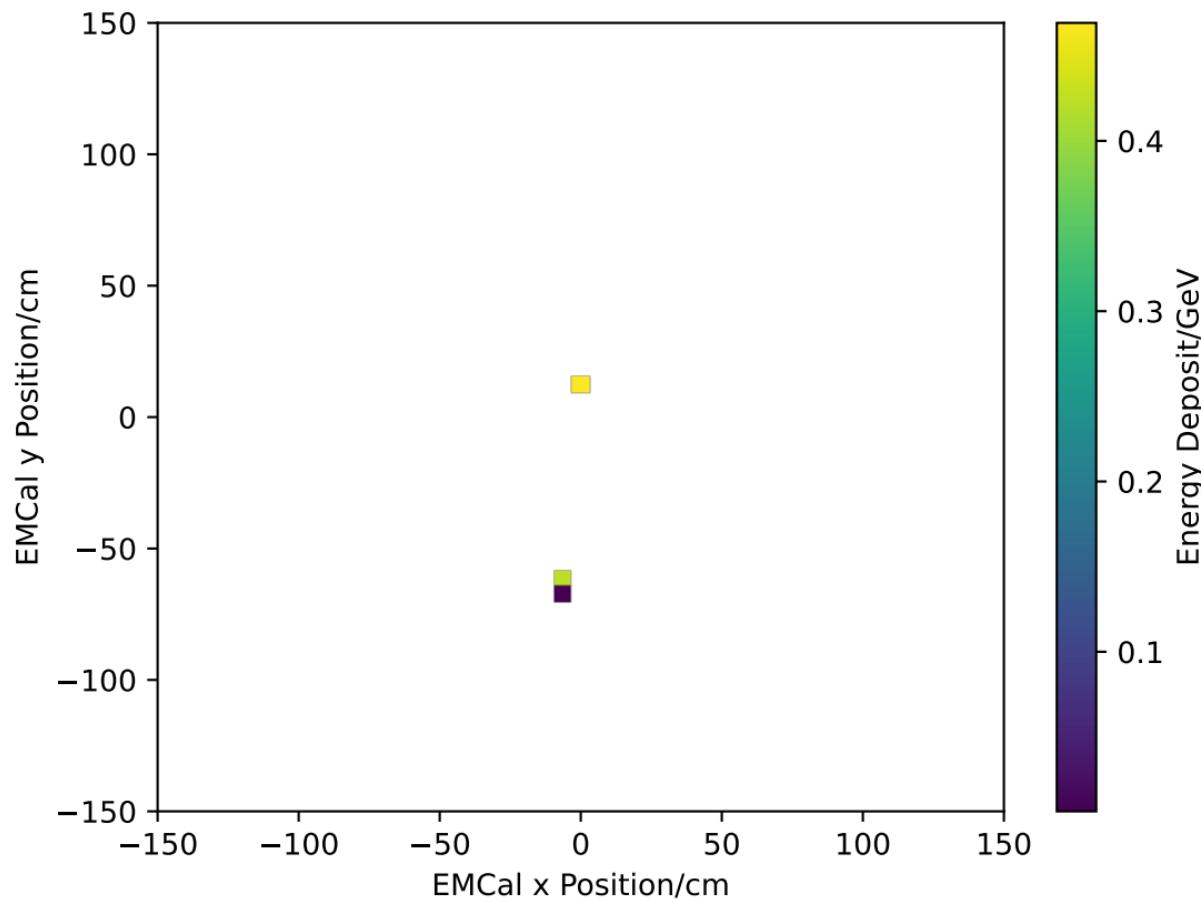


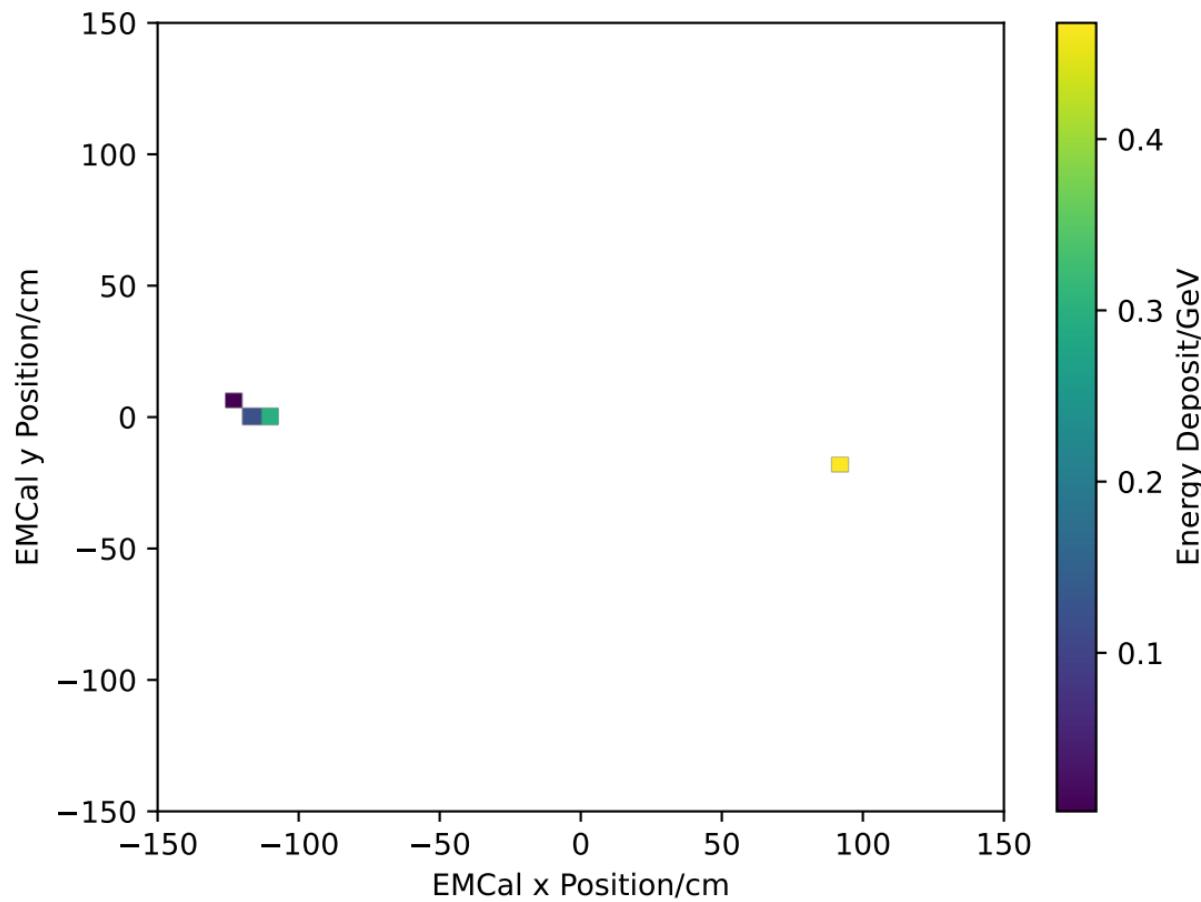
Energy Deposit/GeV

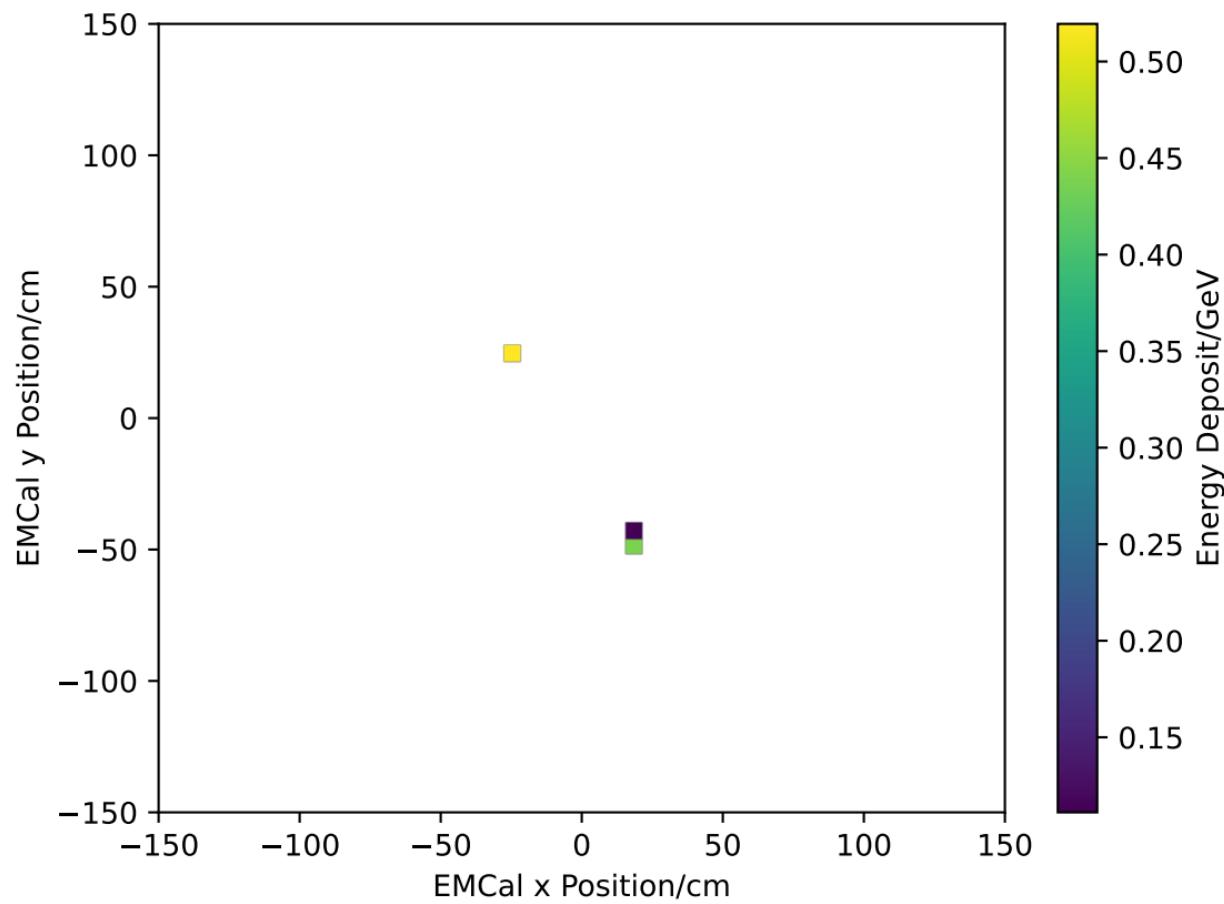


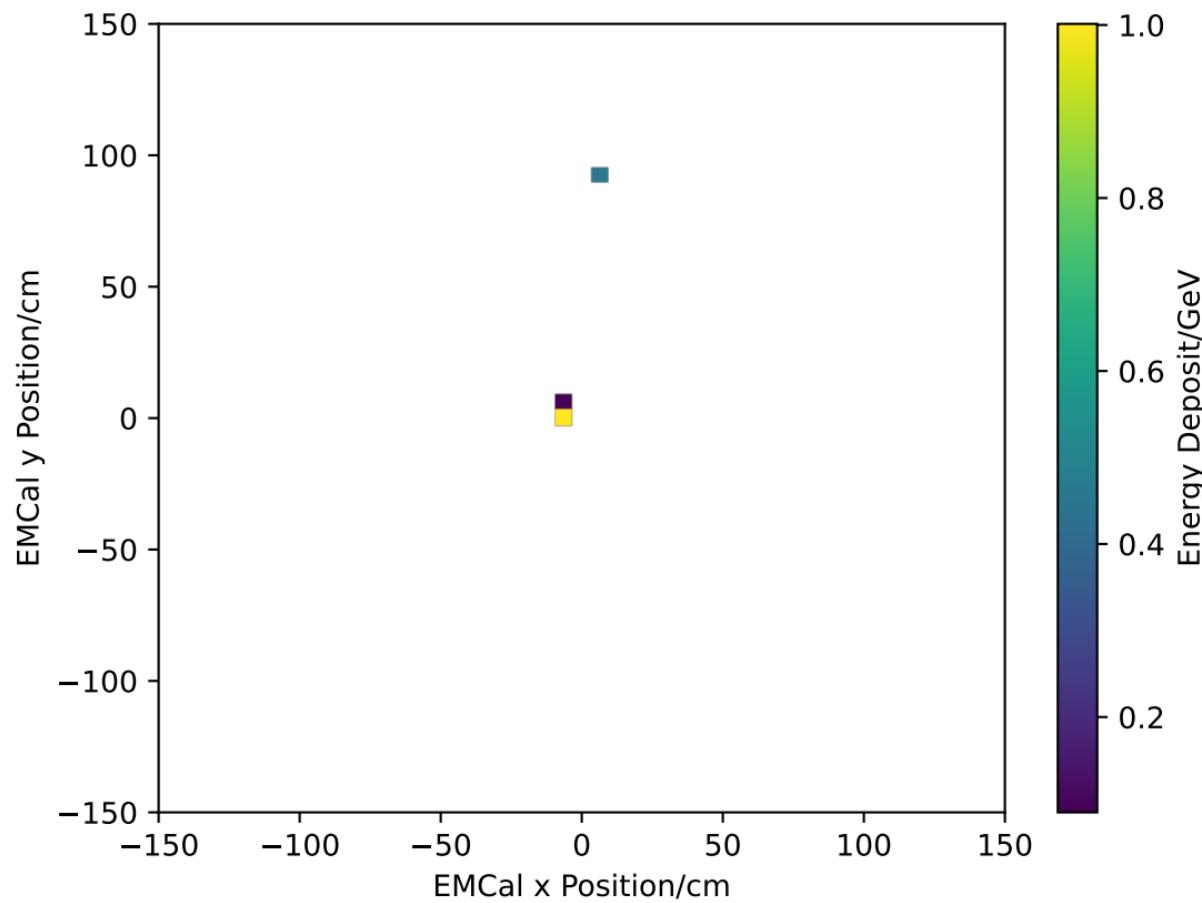


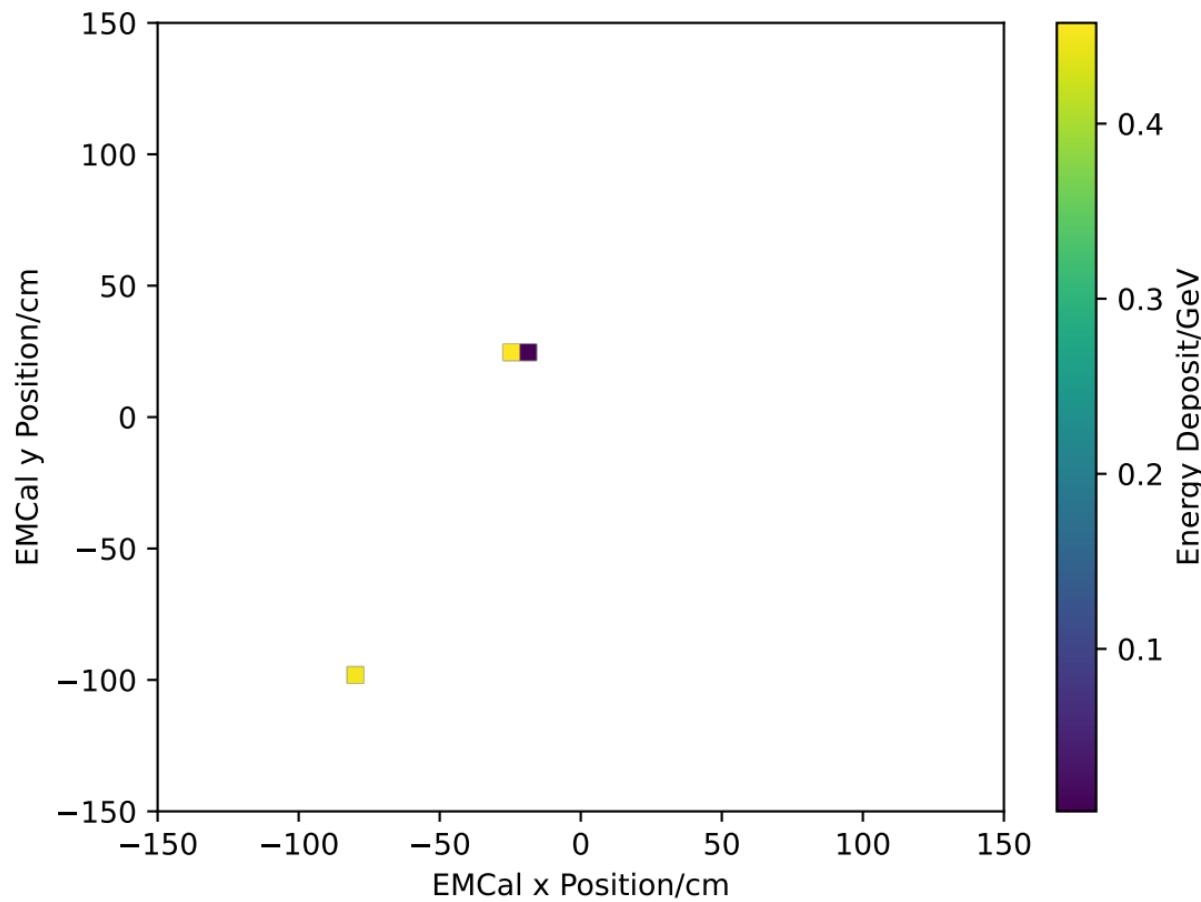




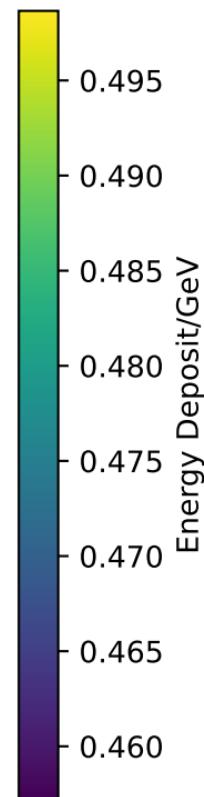
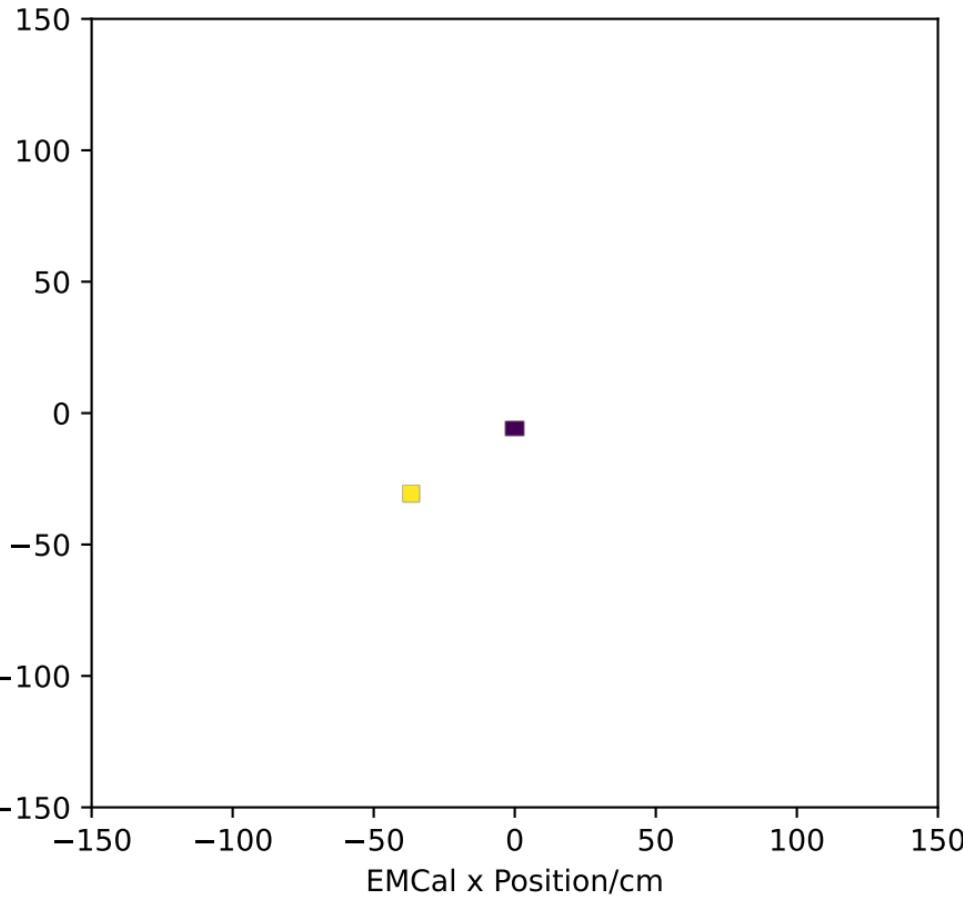


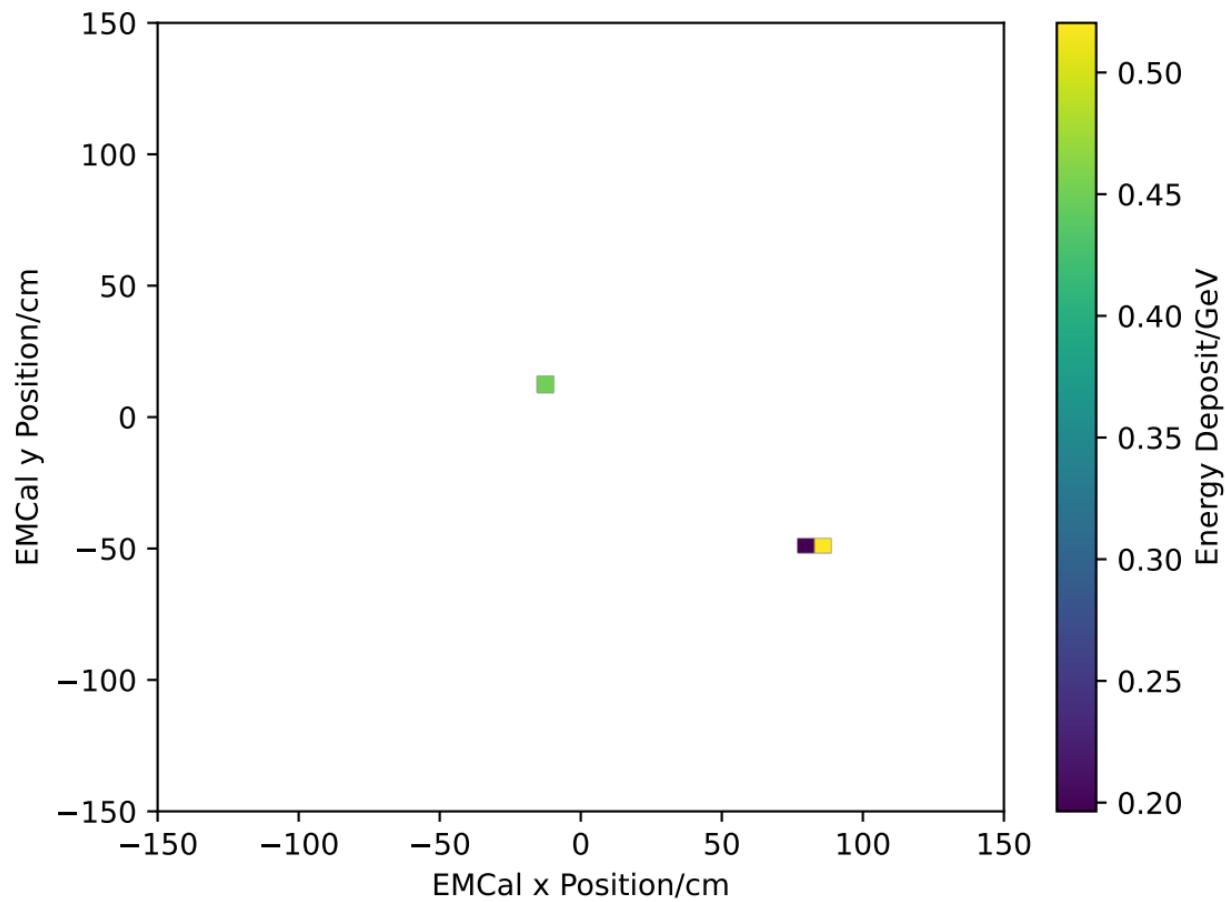


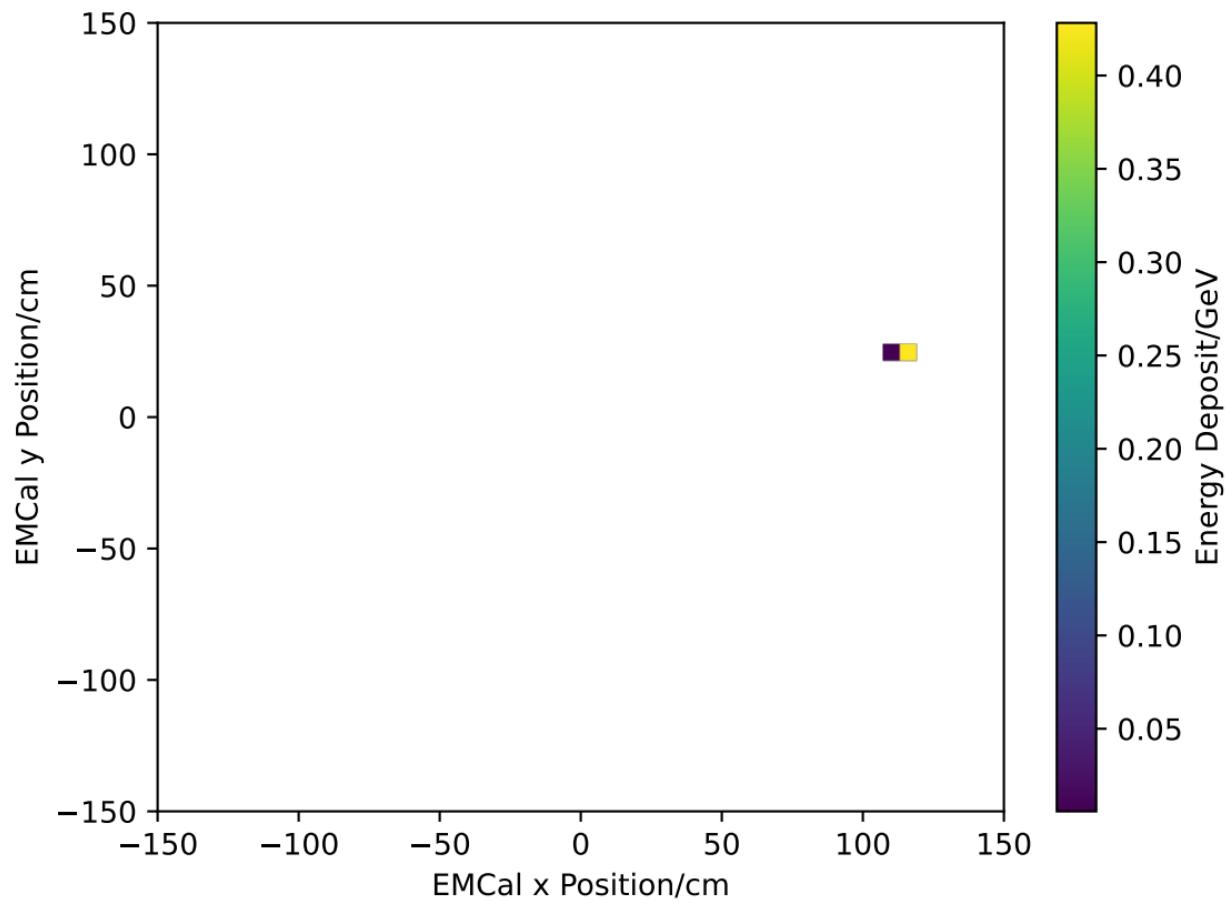




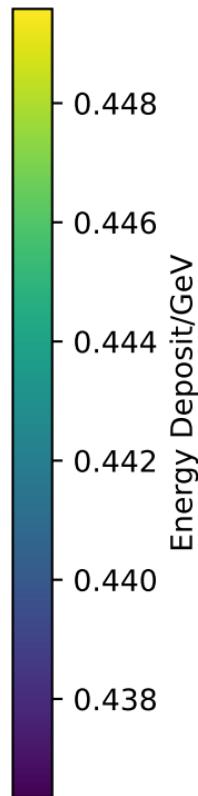
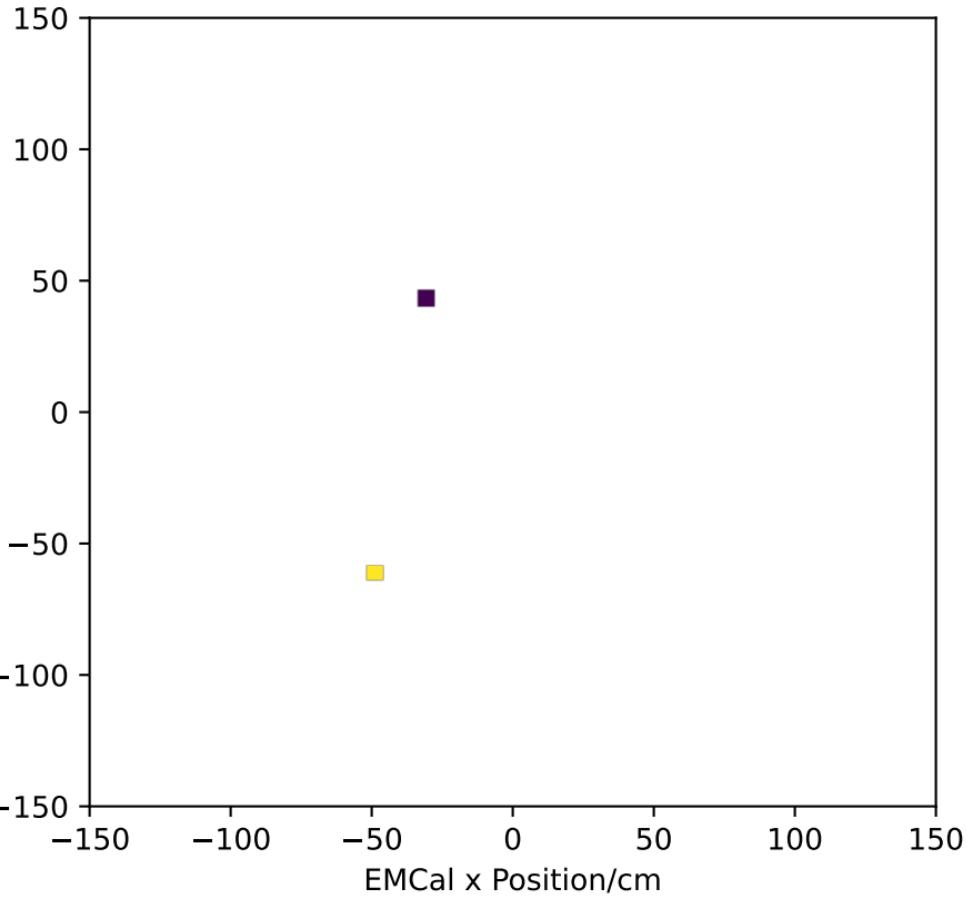
EMCal y Position/cm

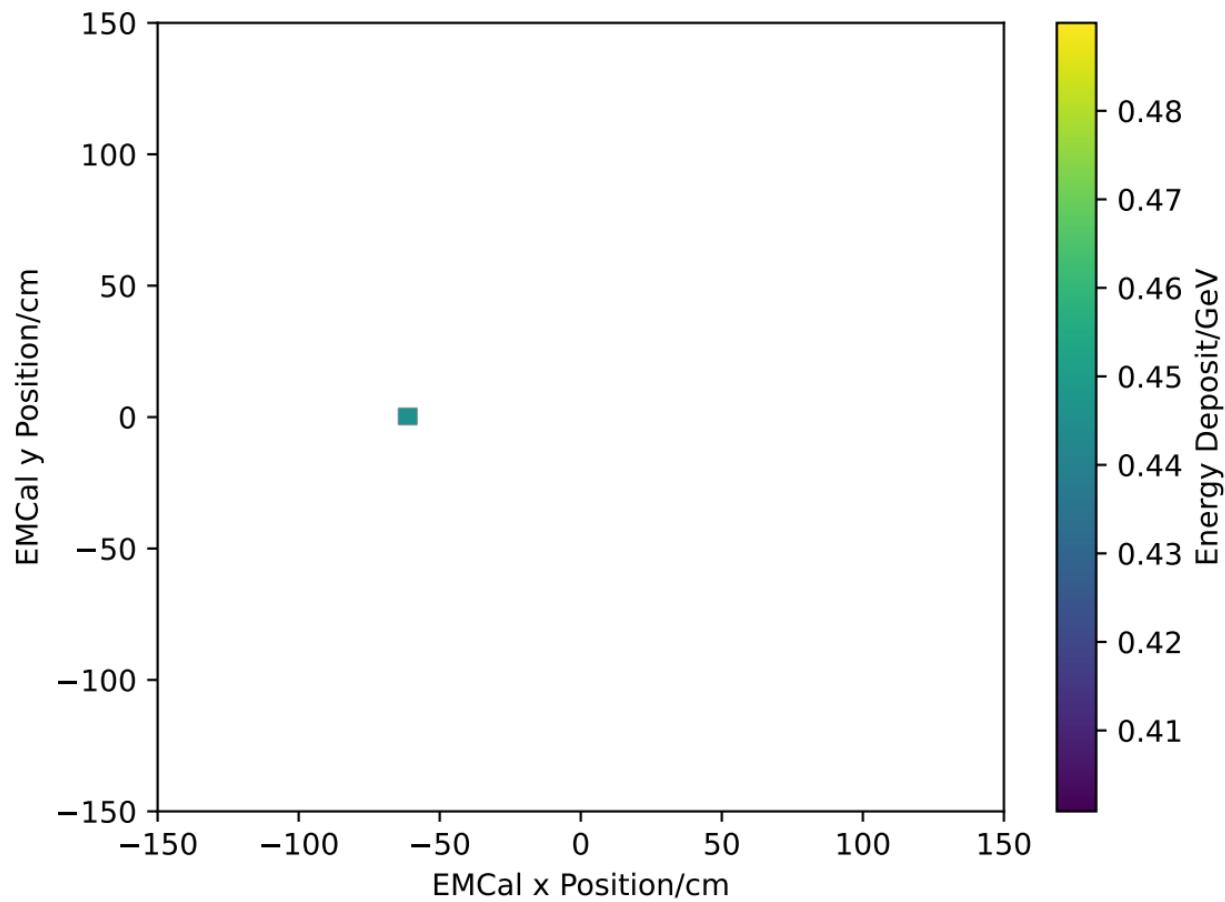


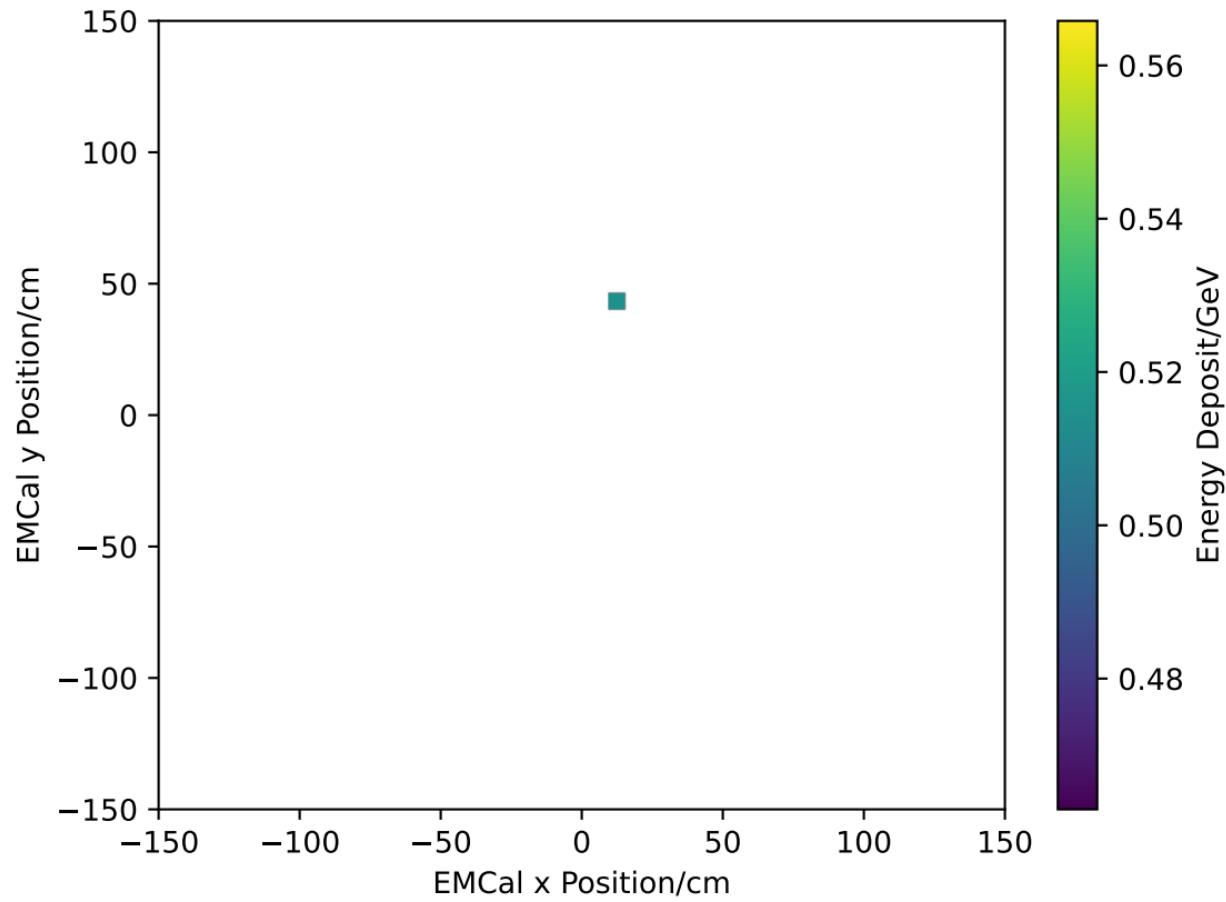




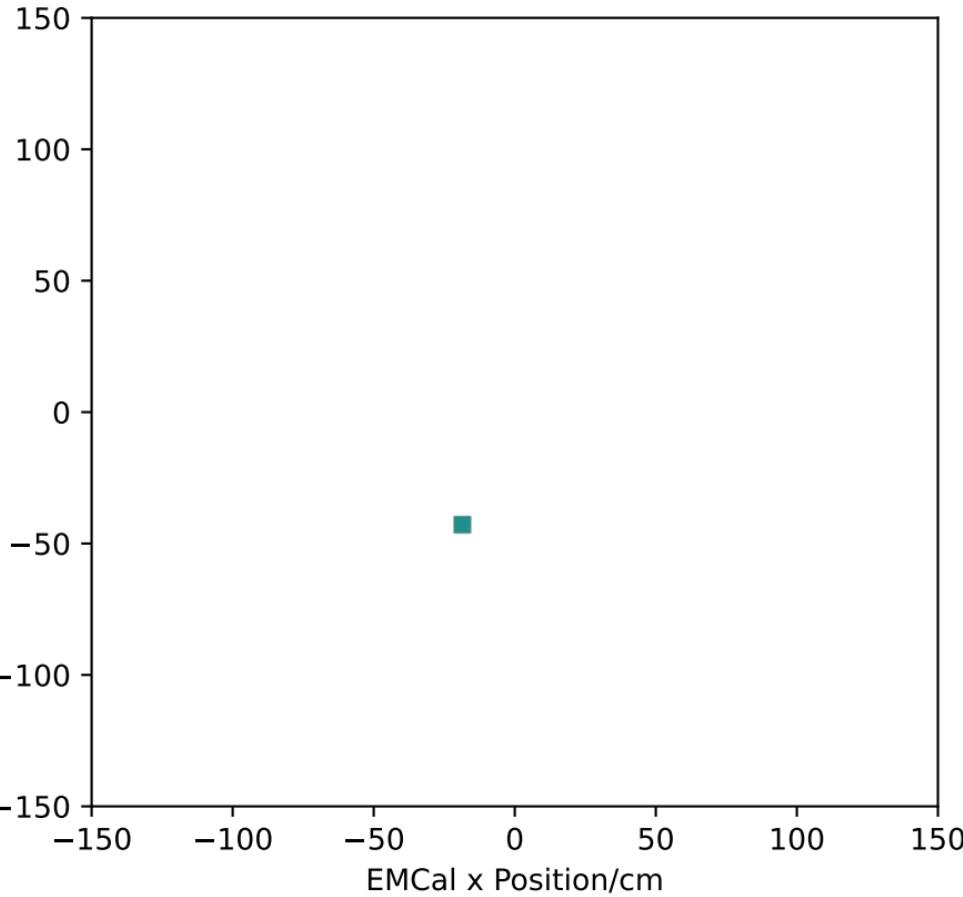
EMCal y Position/cm



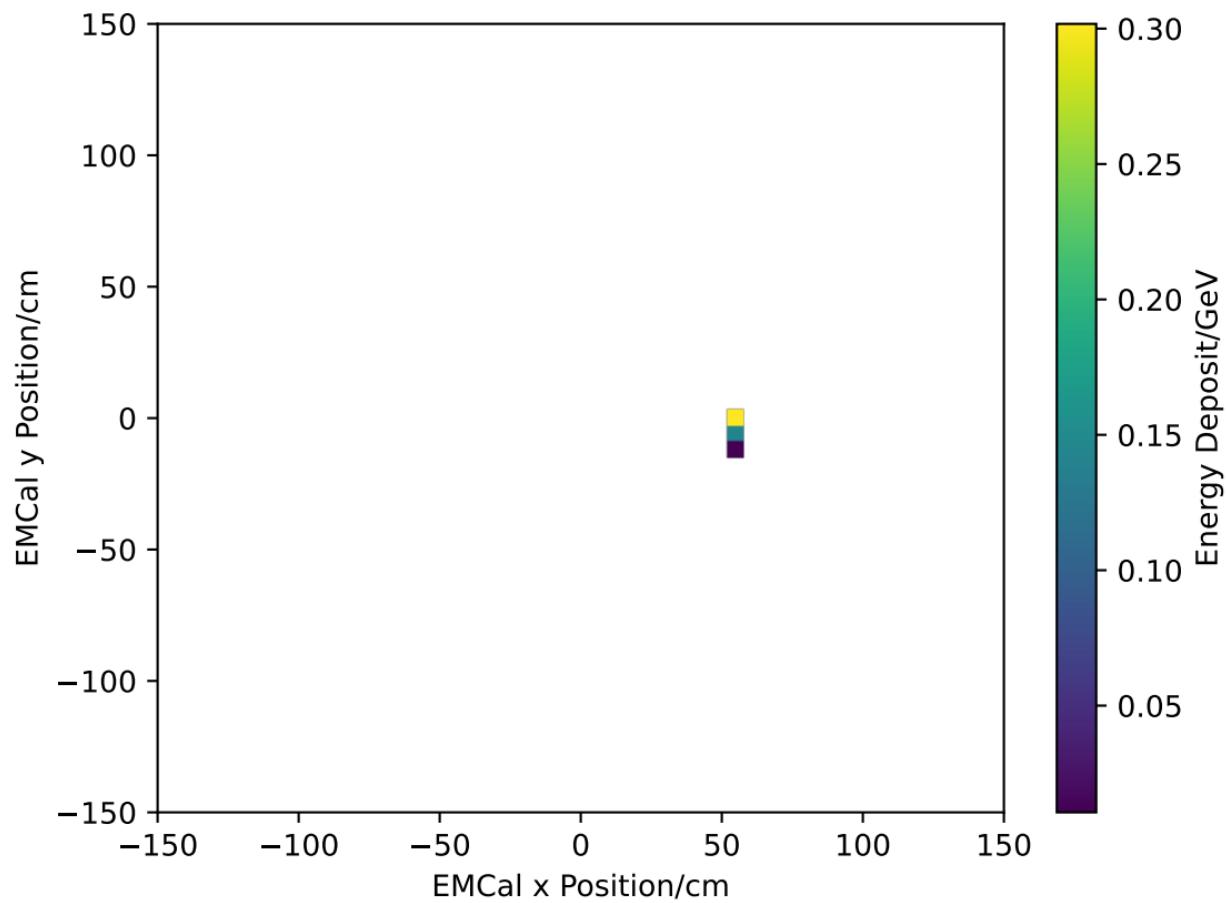




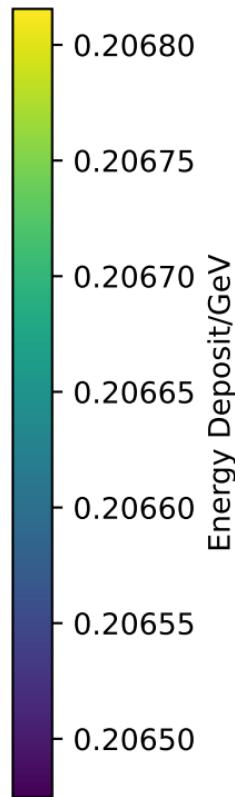
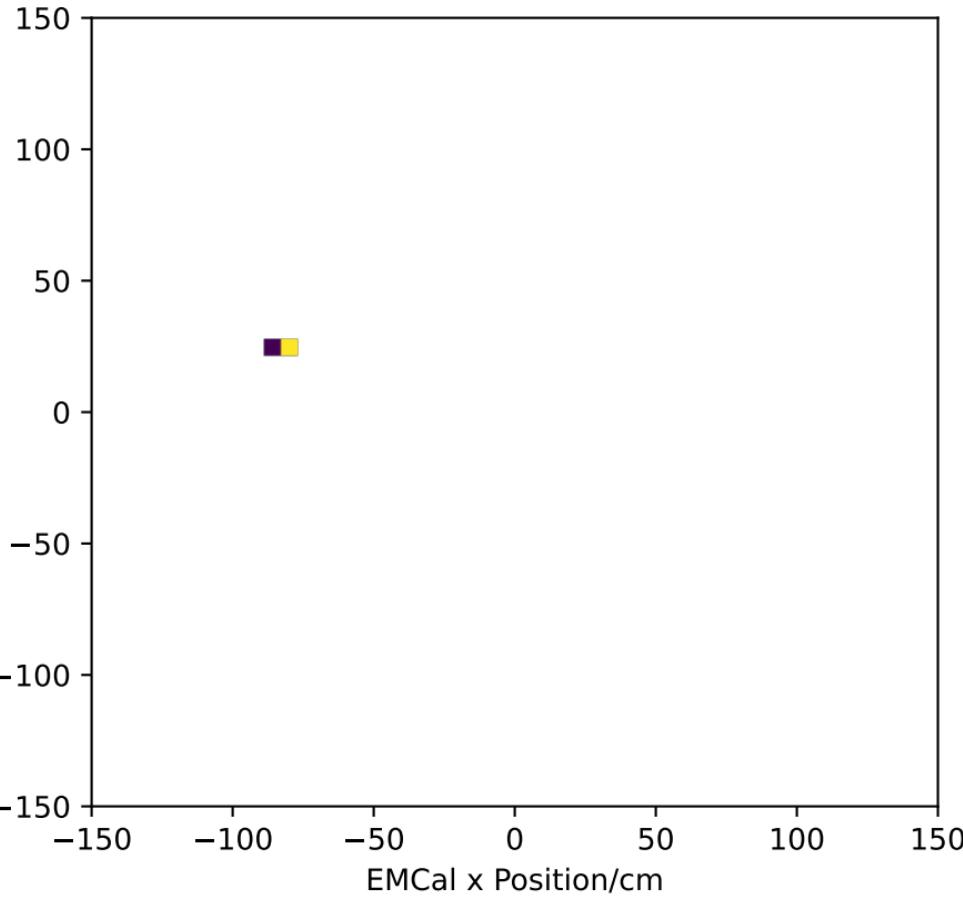
EMCal y Position/cm

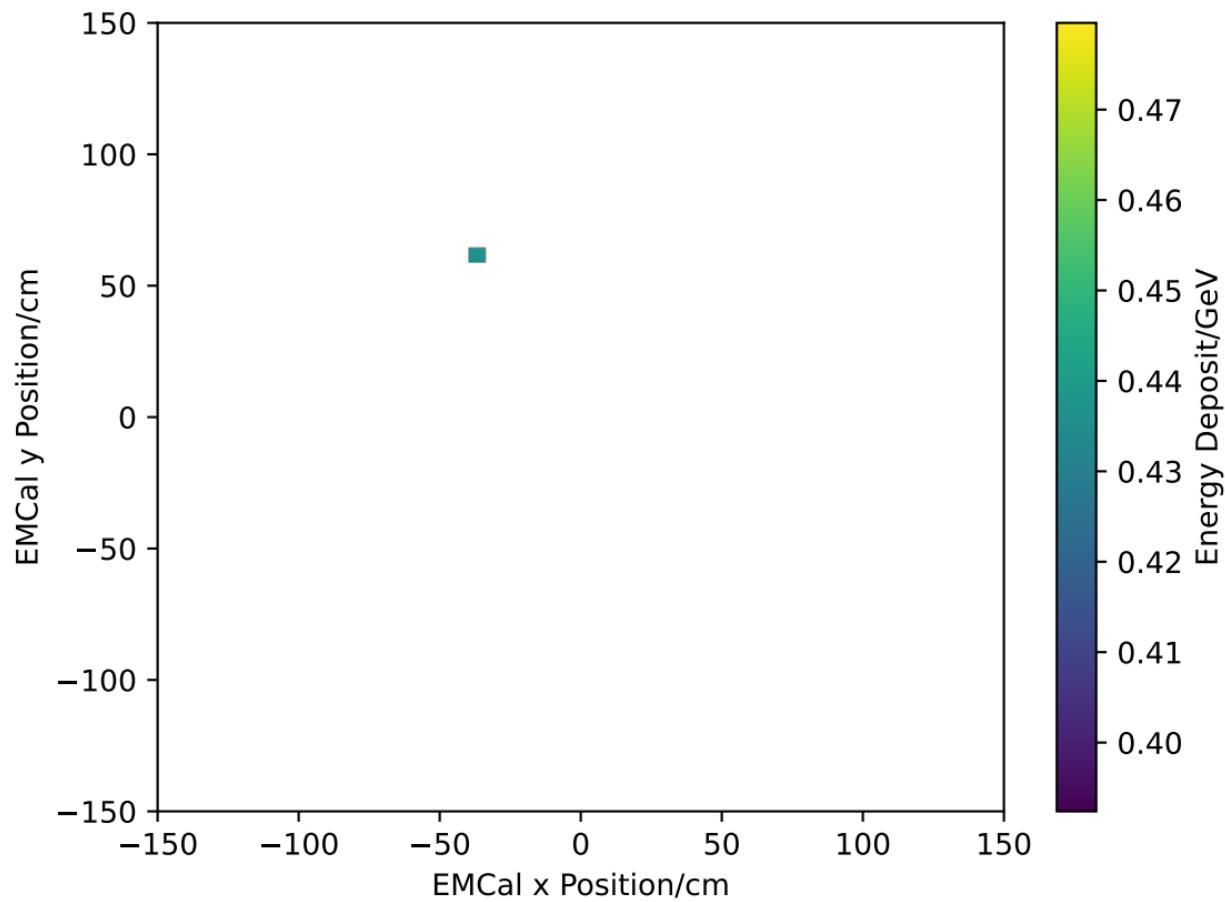


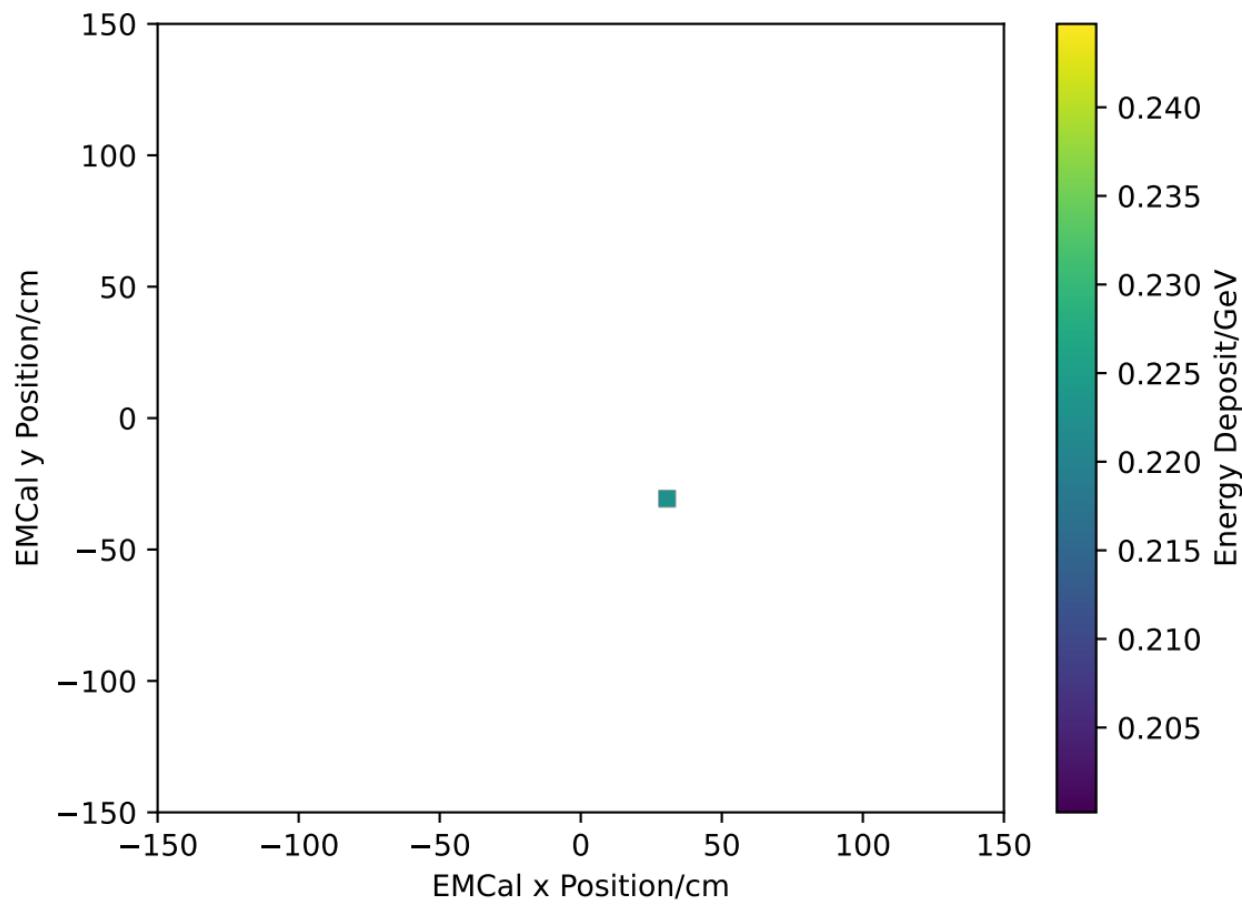
Energy Deposit/GeV

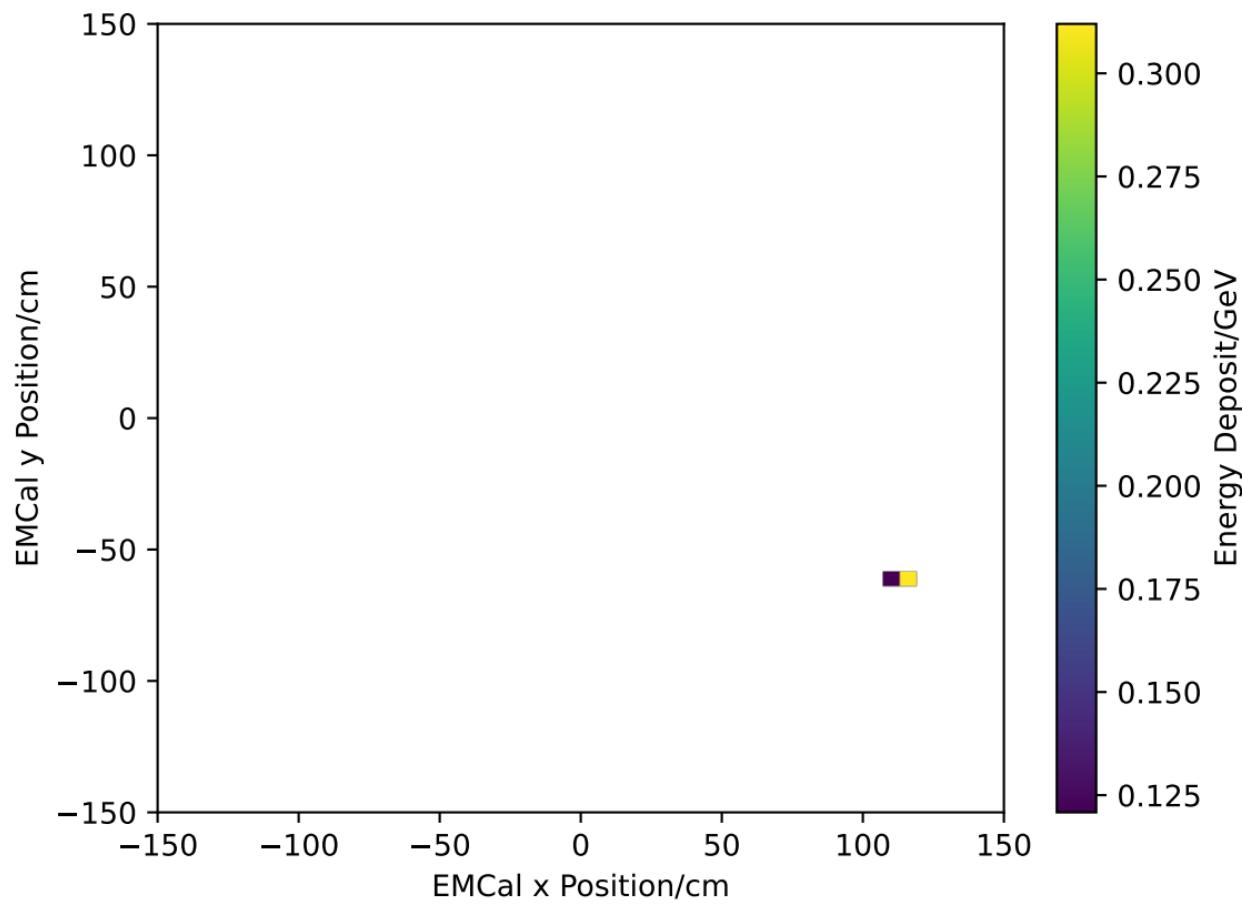


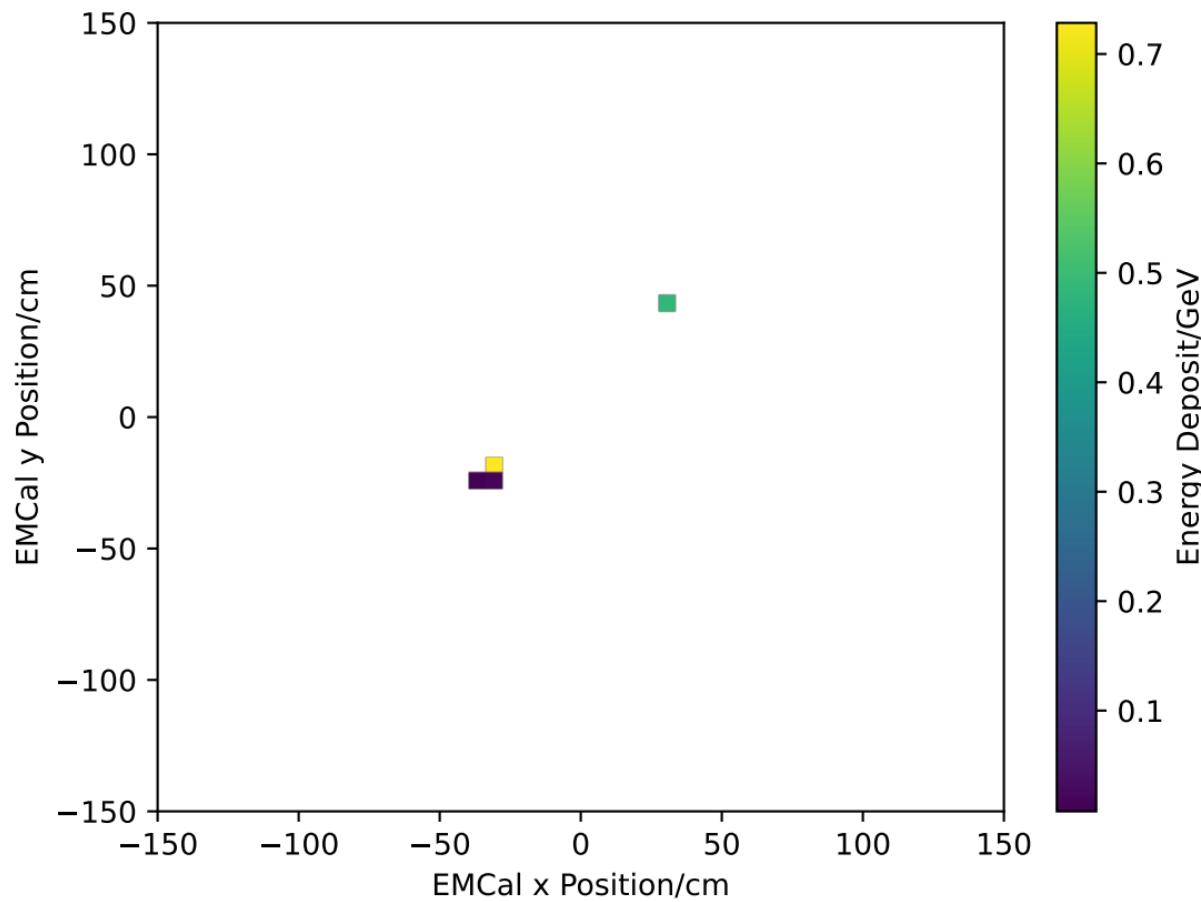
EMCal y Position/cm

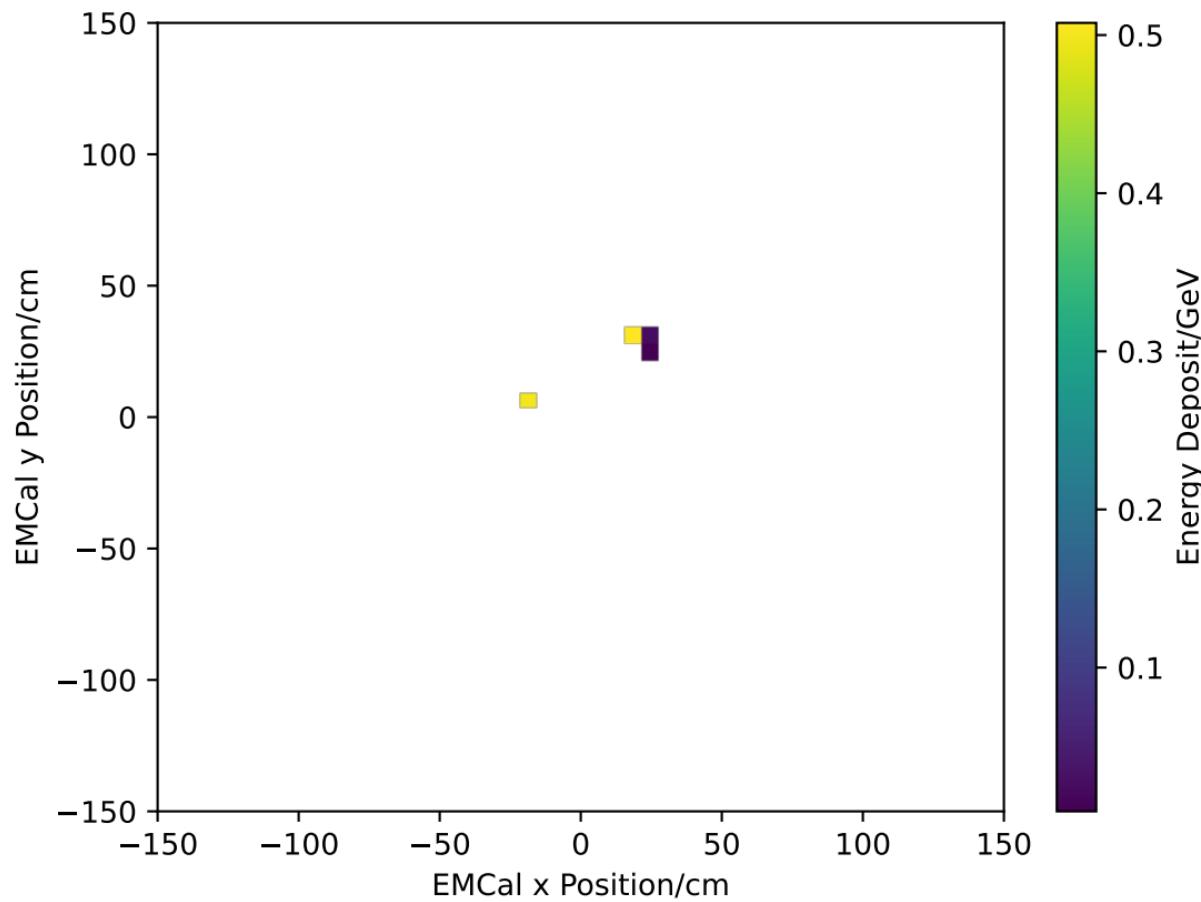


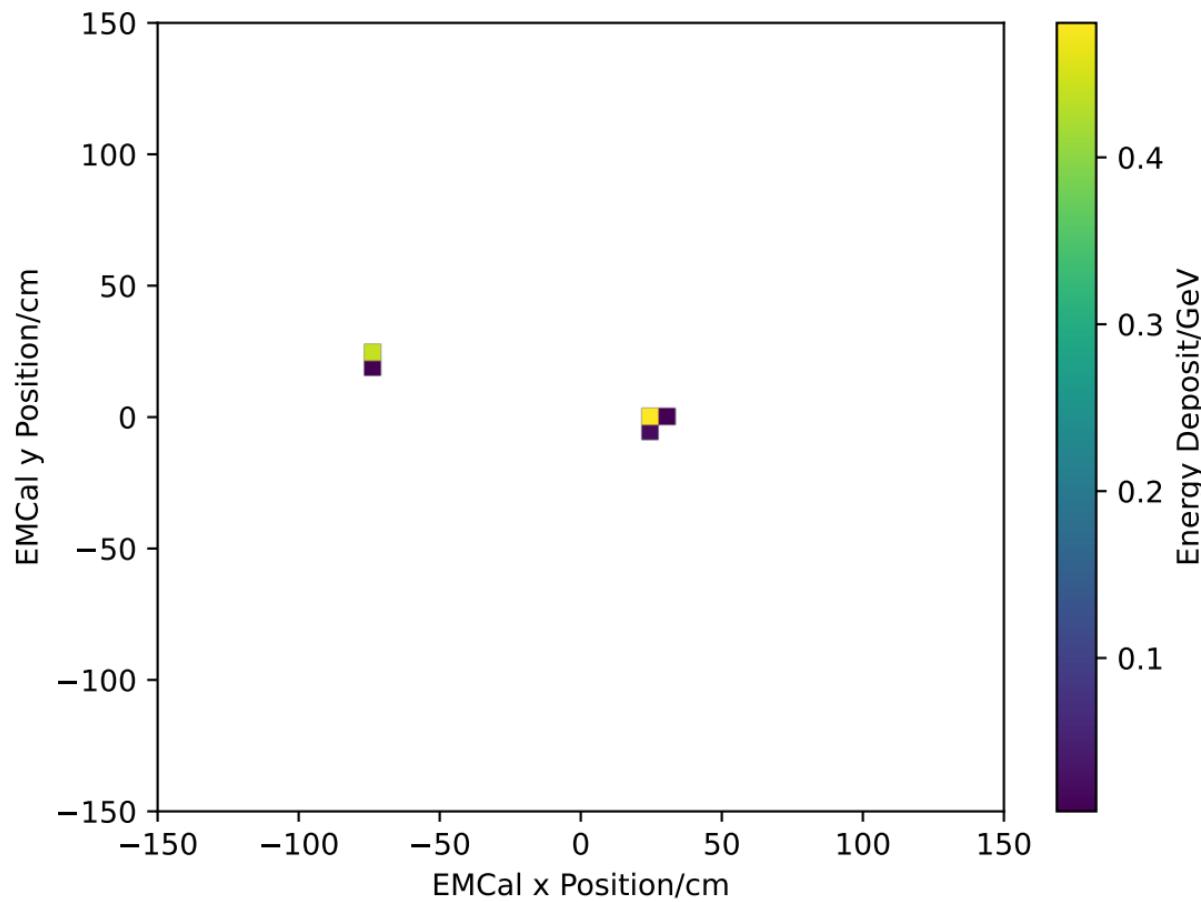


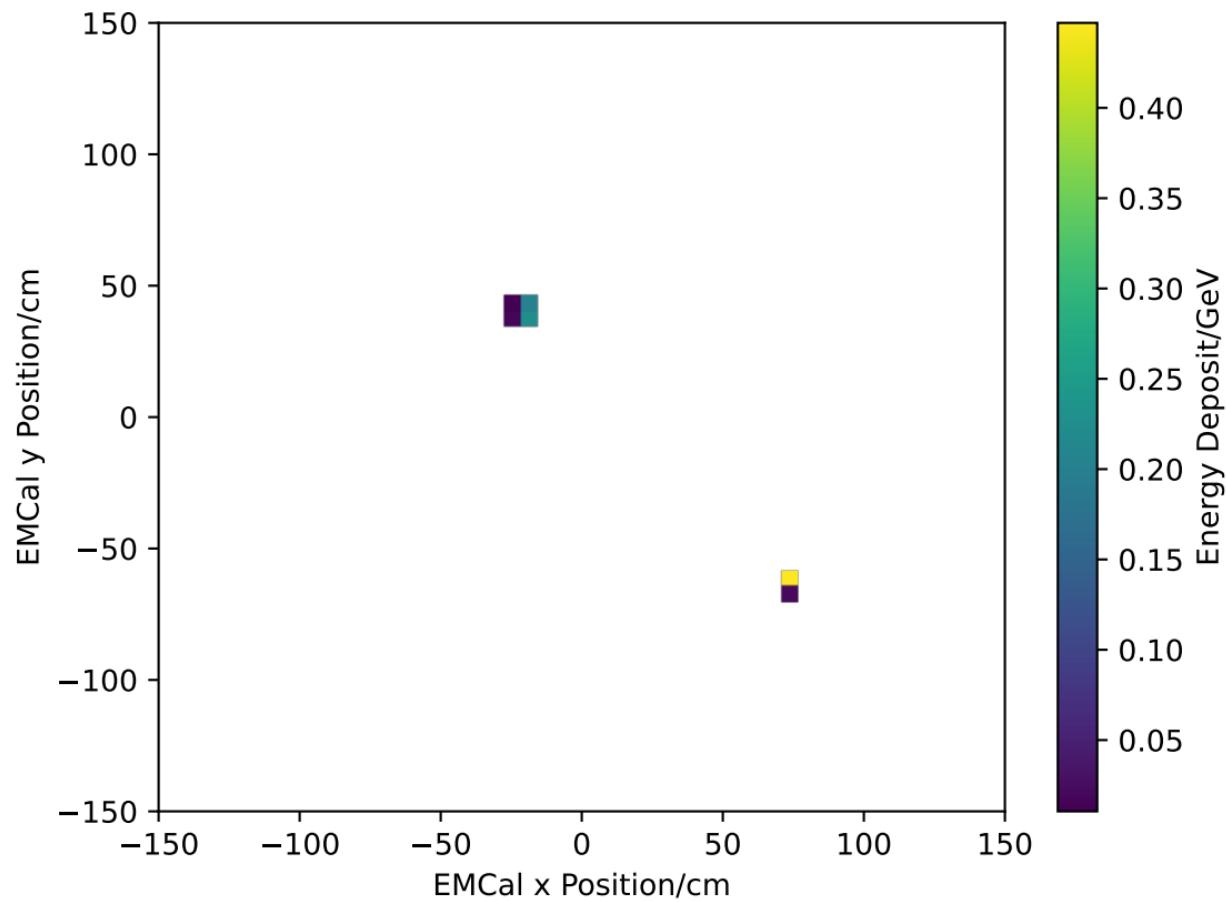


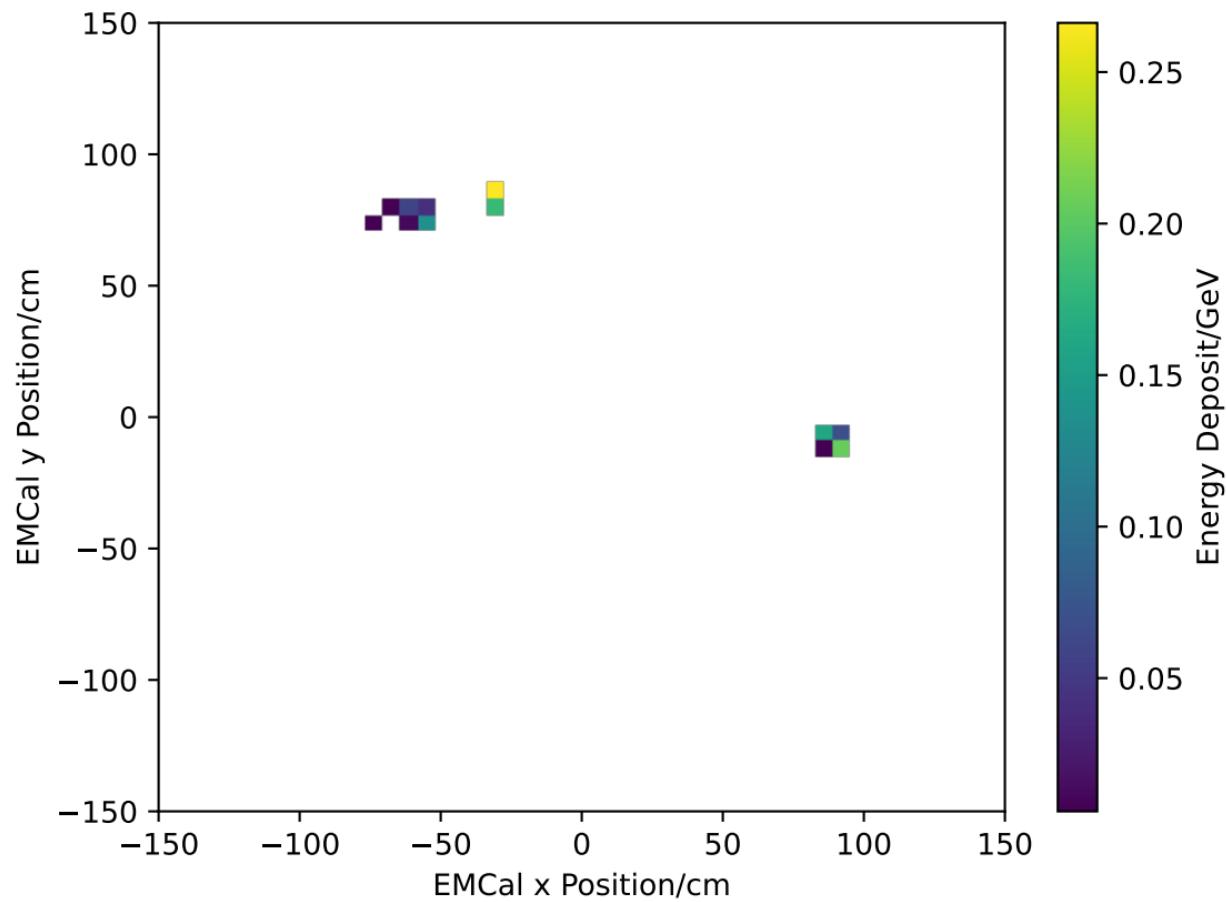


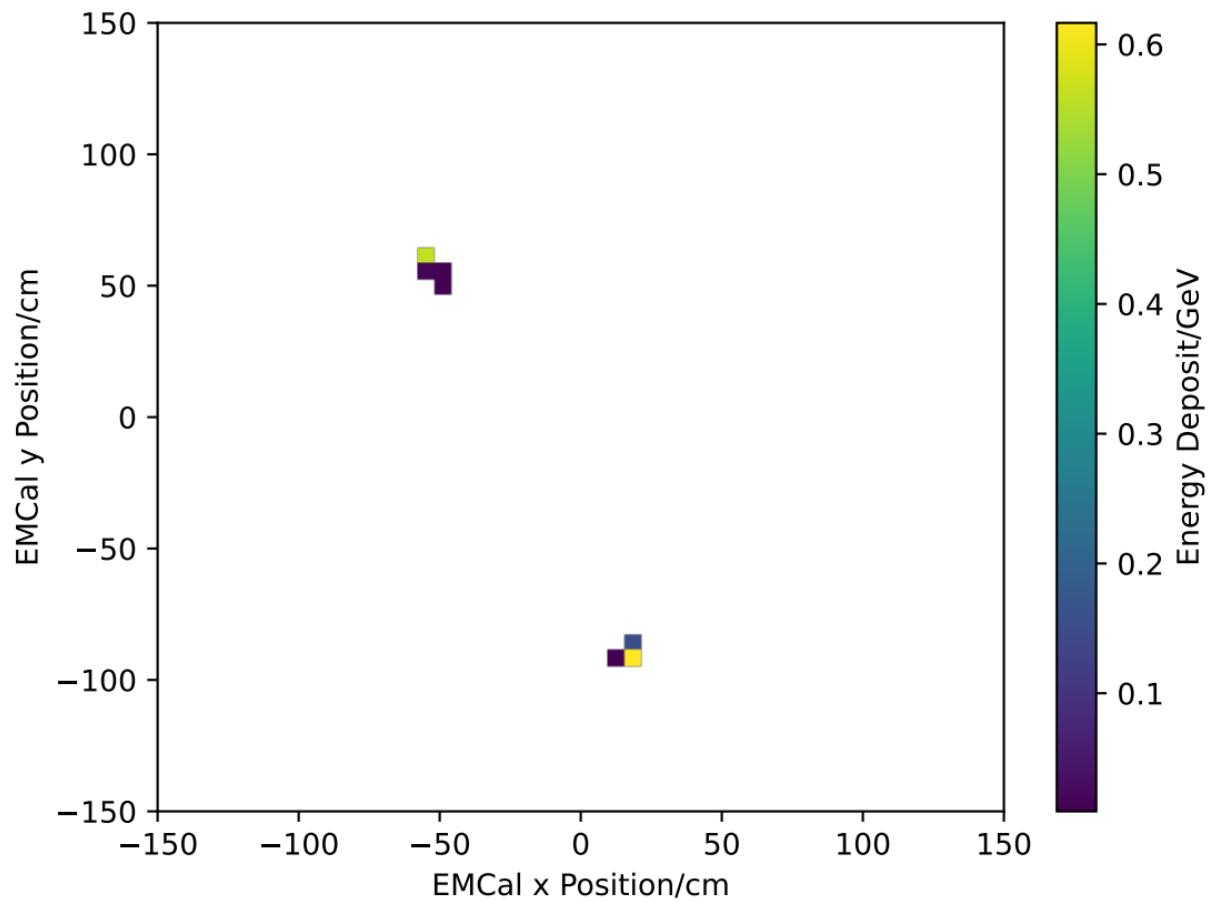


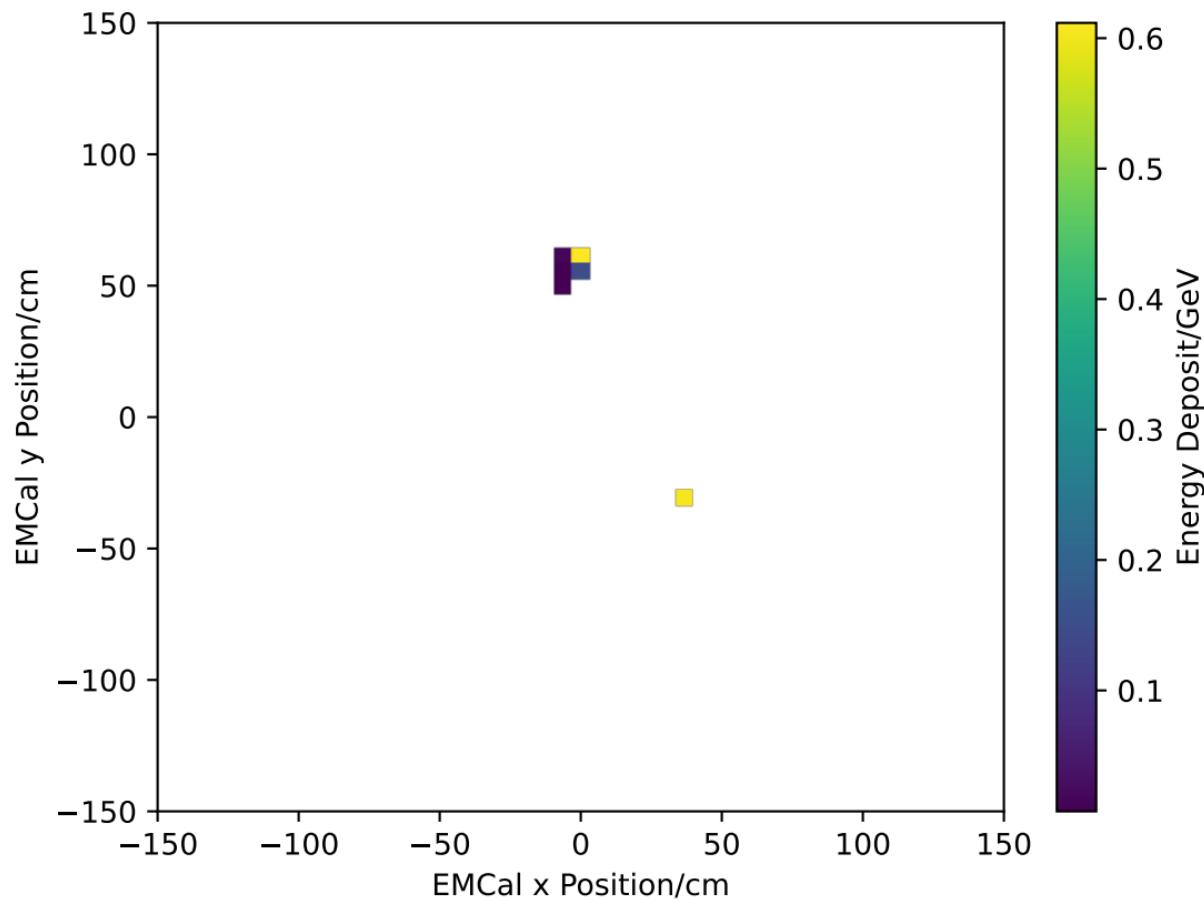


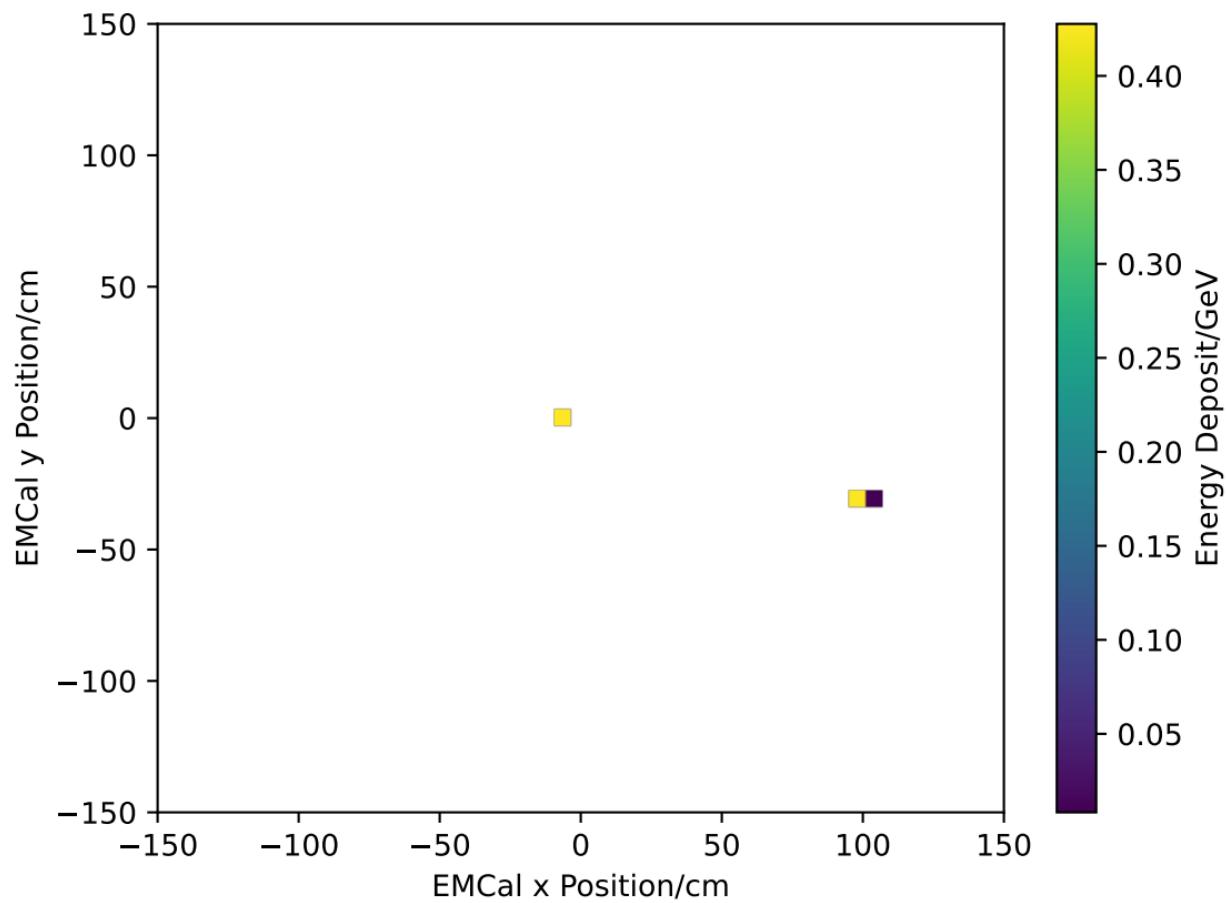


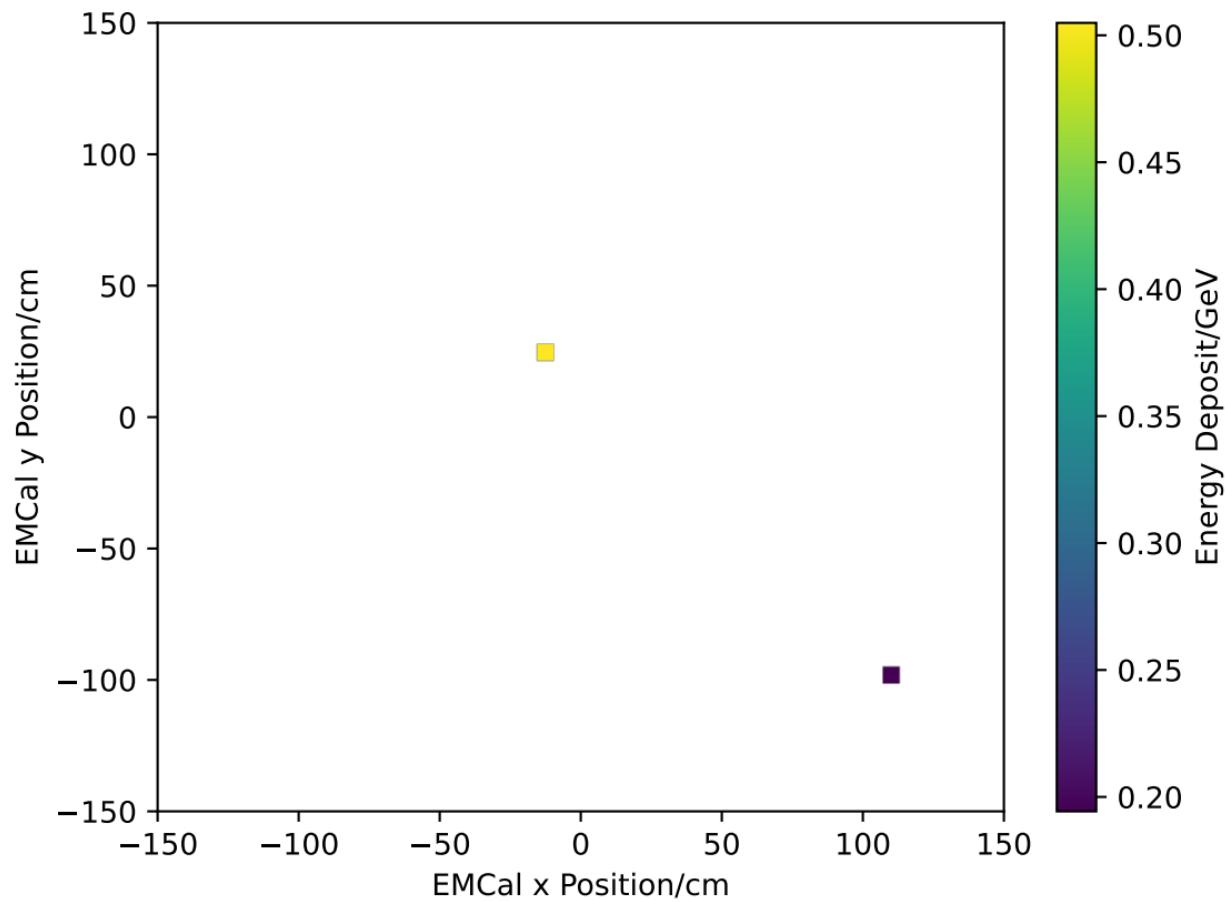












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

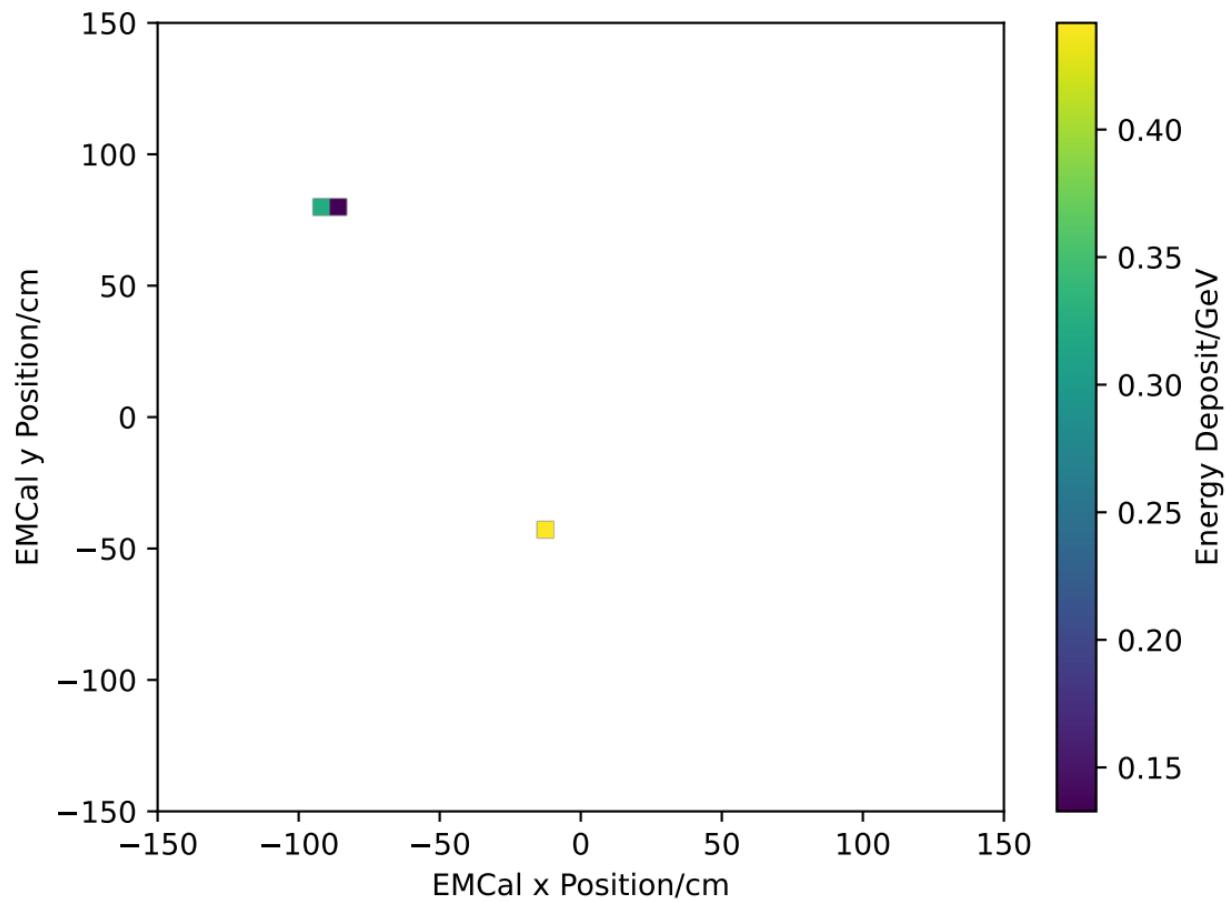
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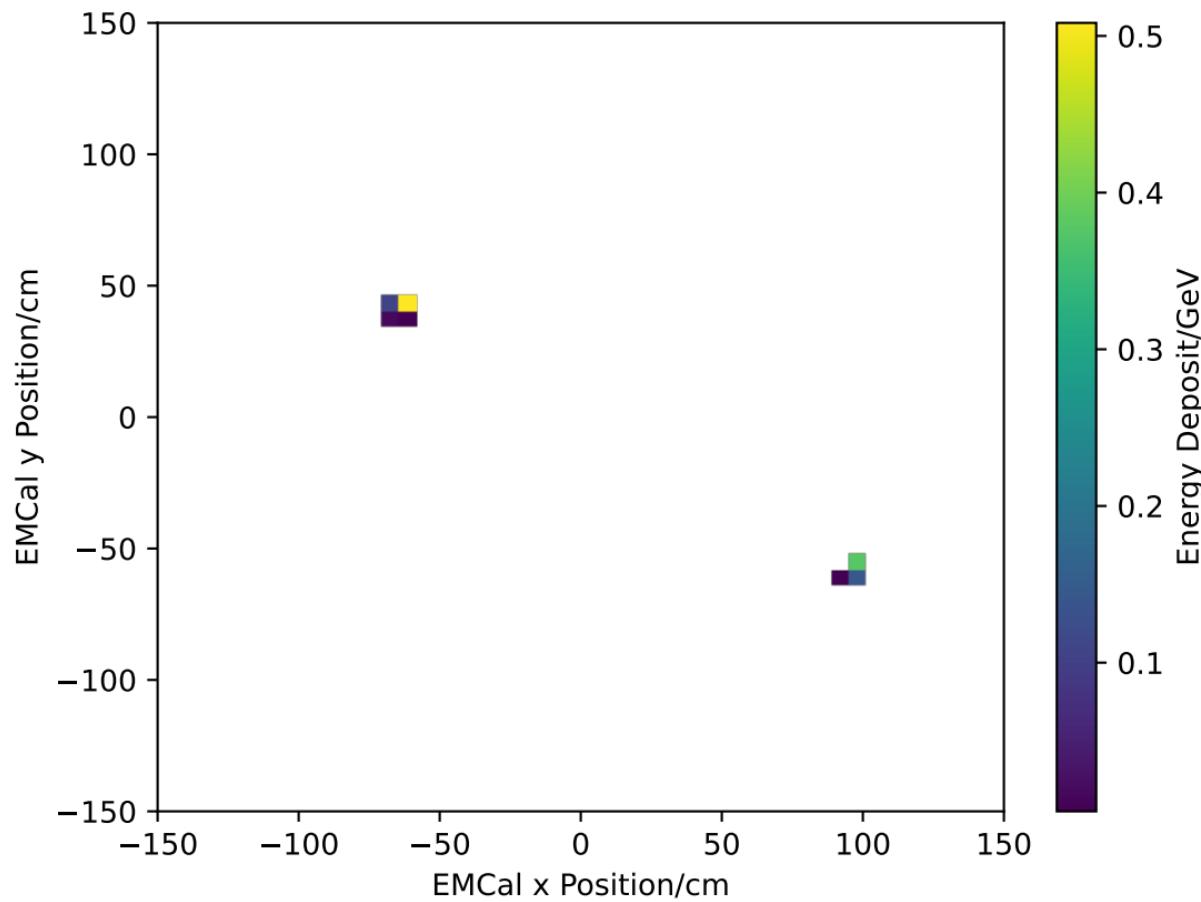
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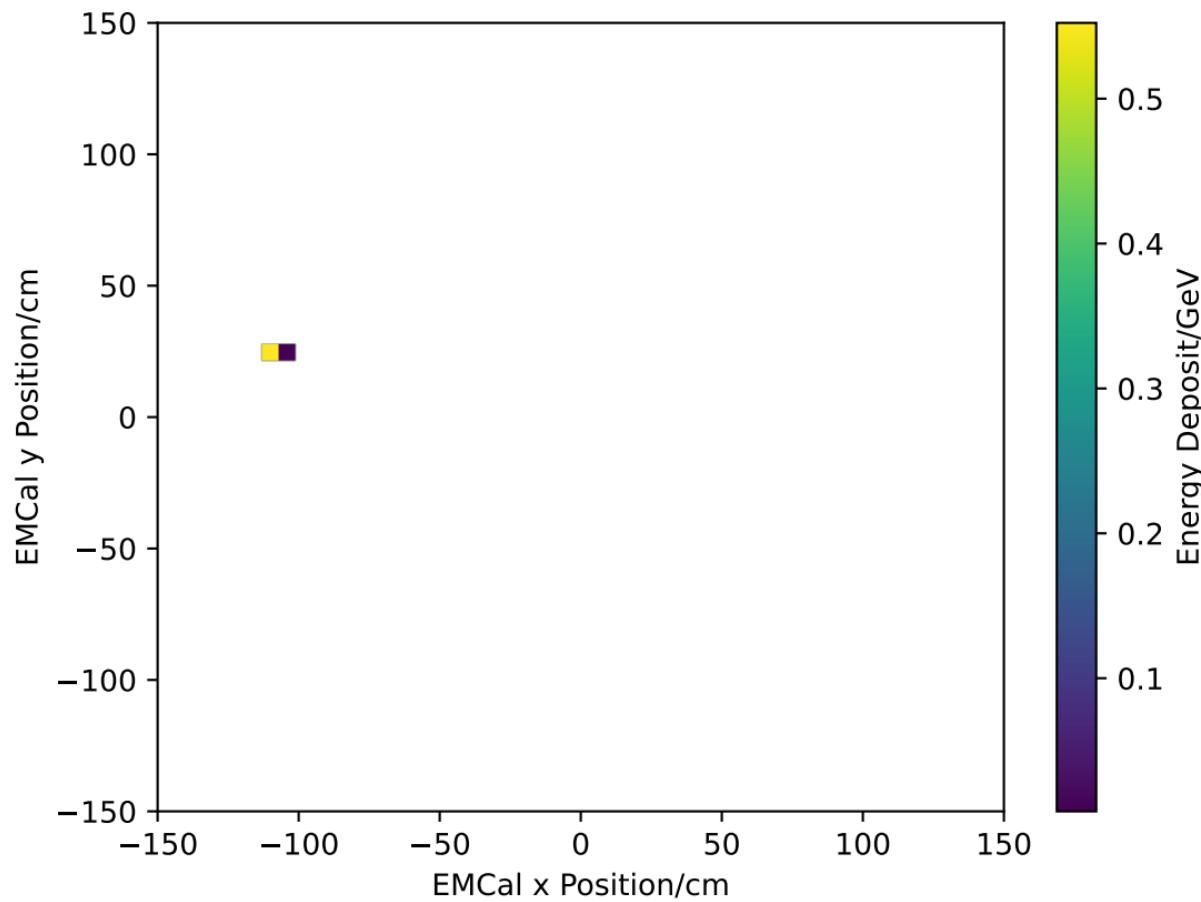
EMCal x Position/cm

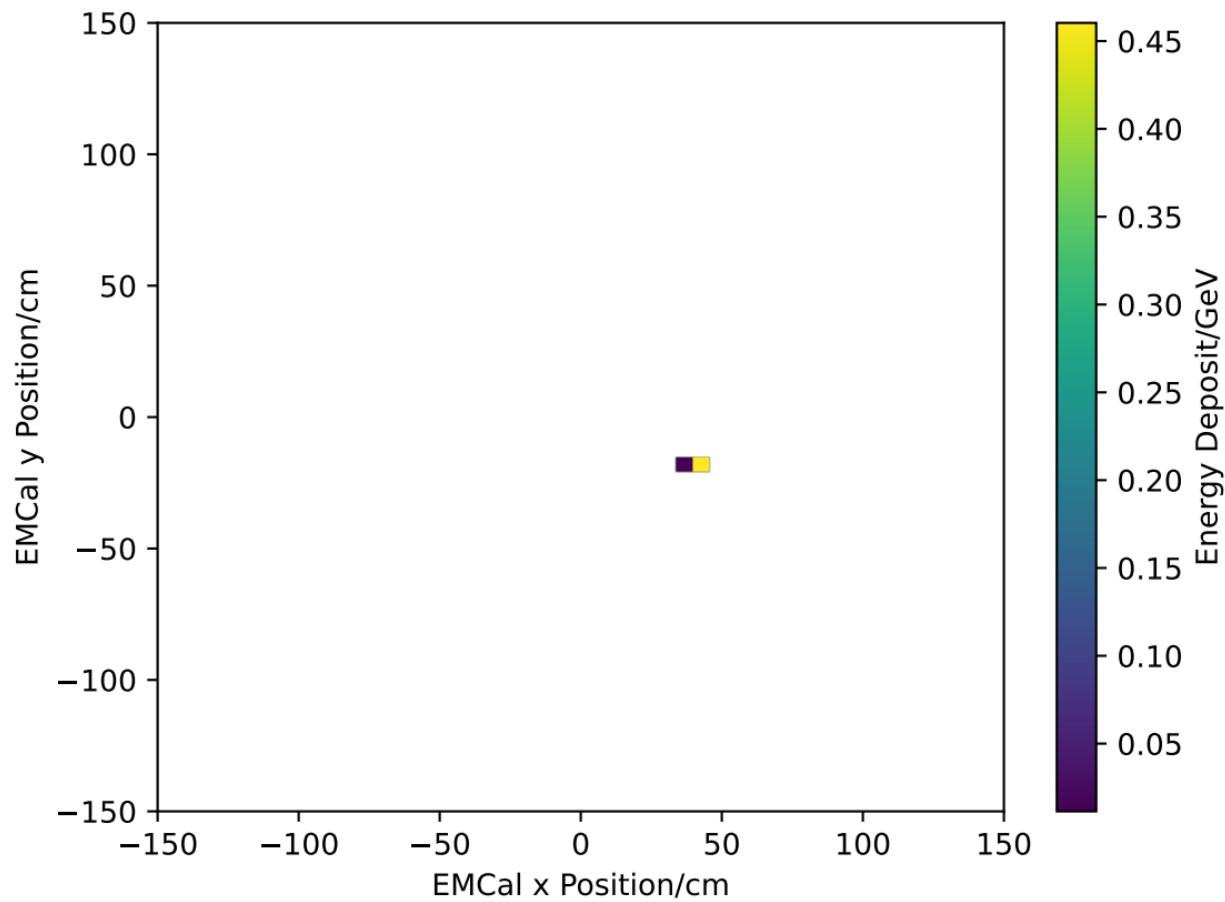


Energy Deposit/GeV

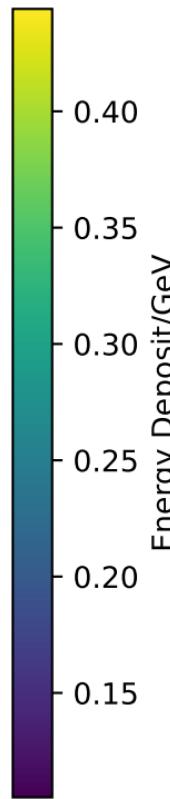
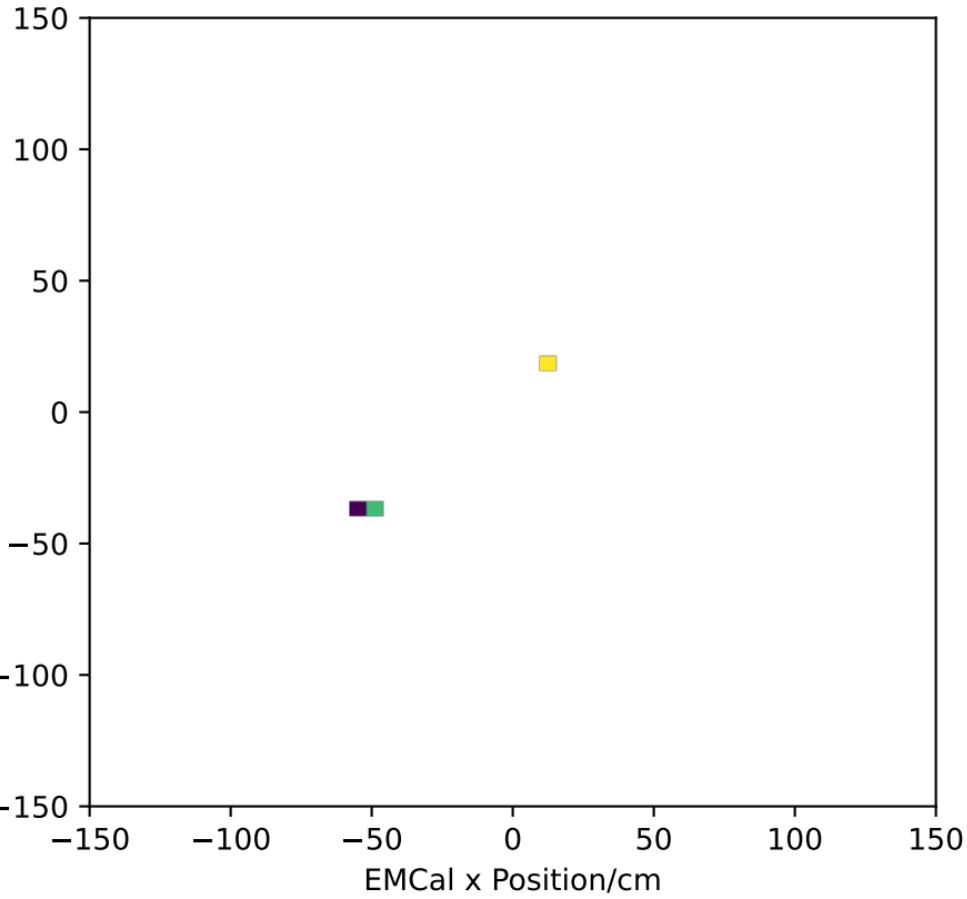




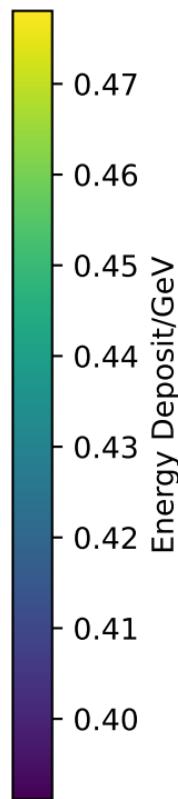
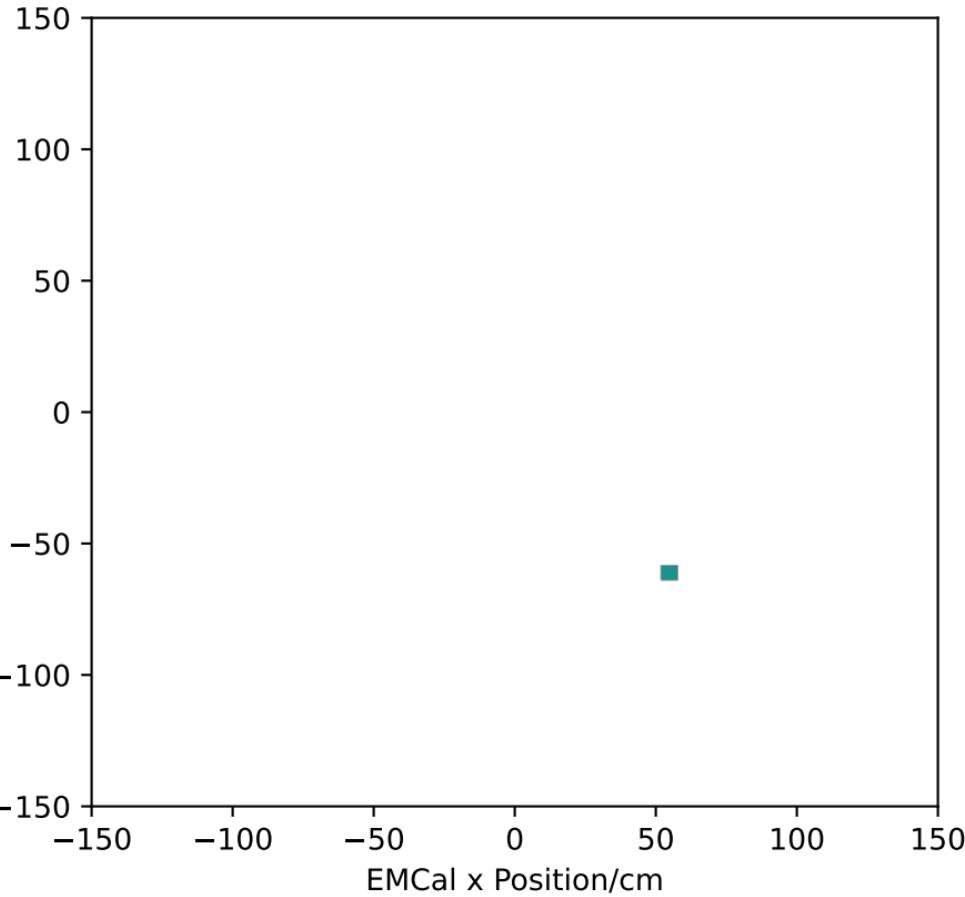


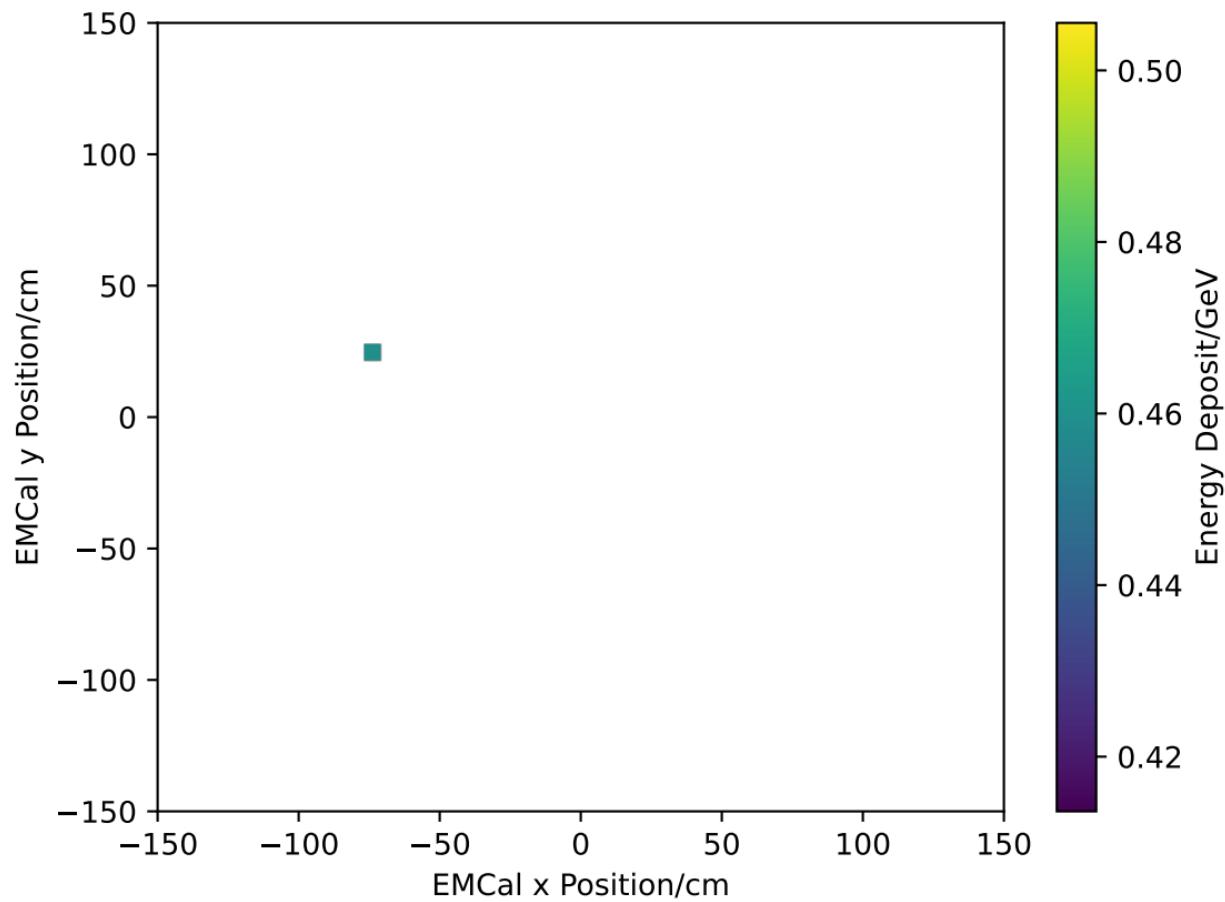


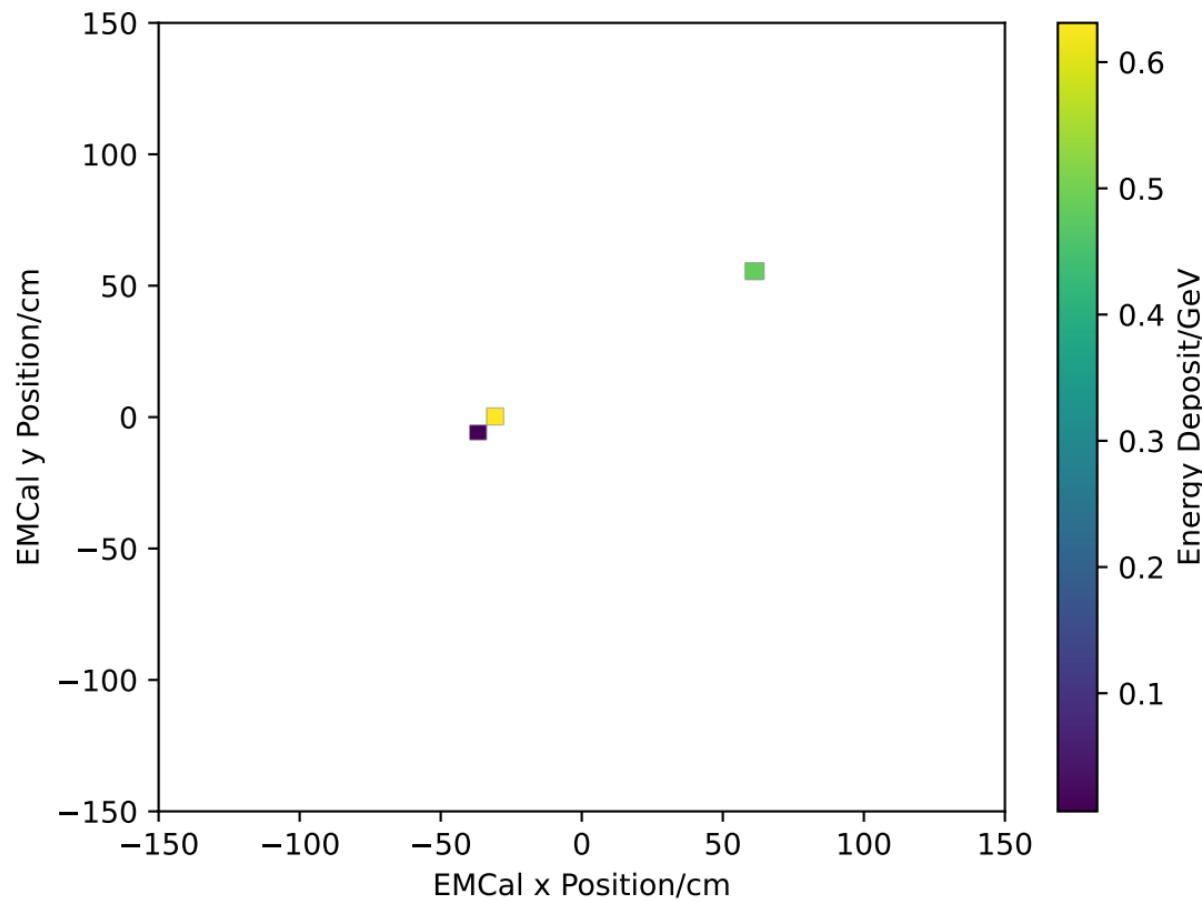
EMCal y Position/cm

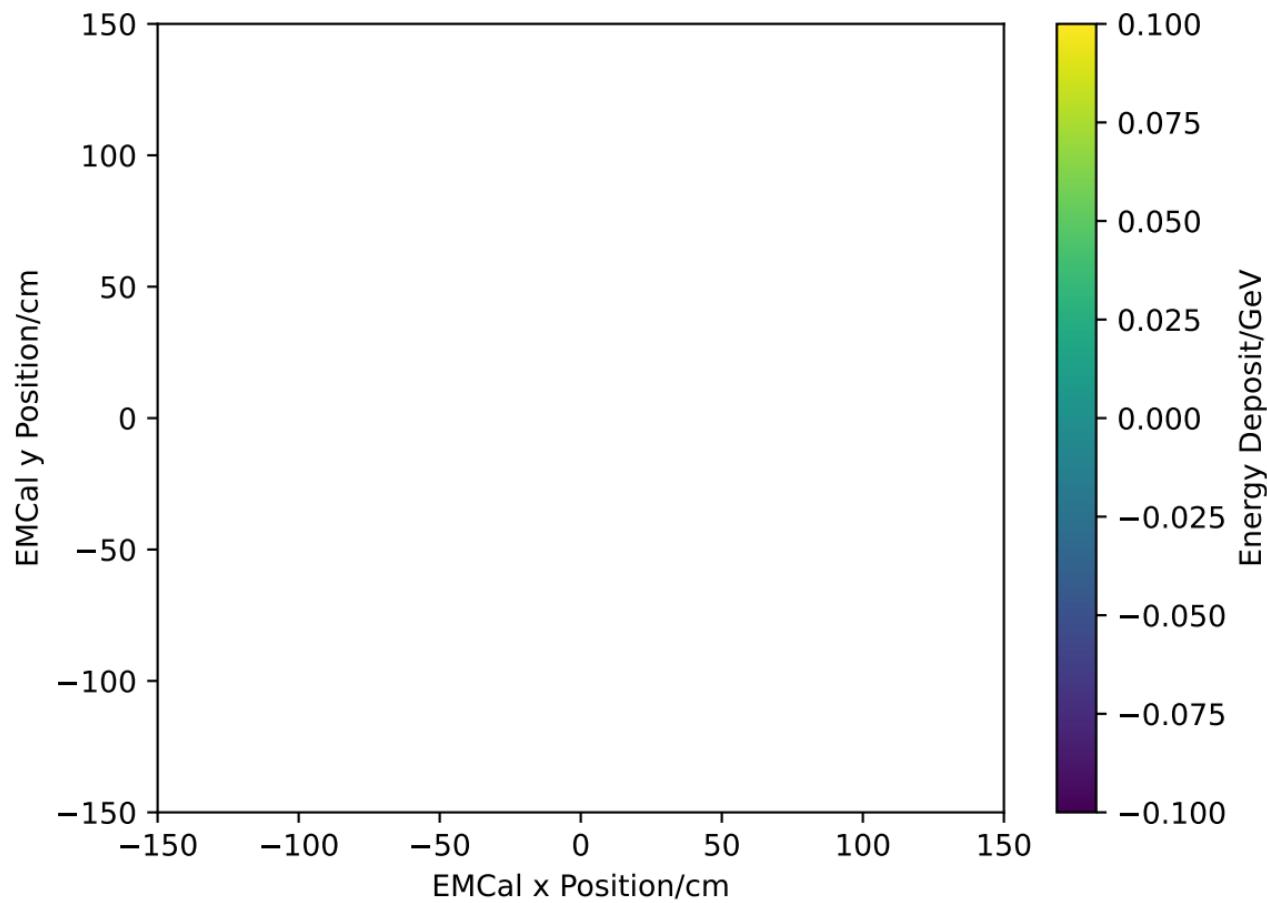


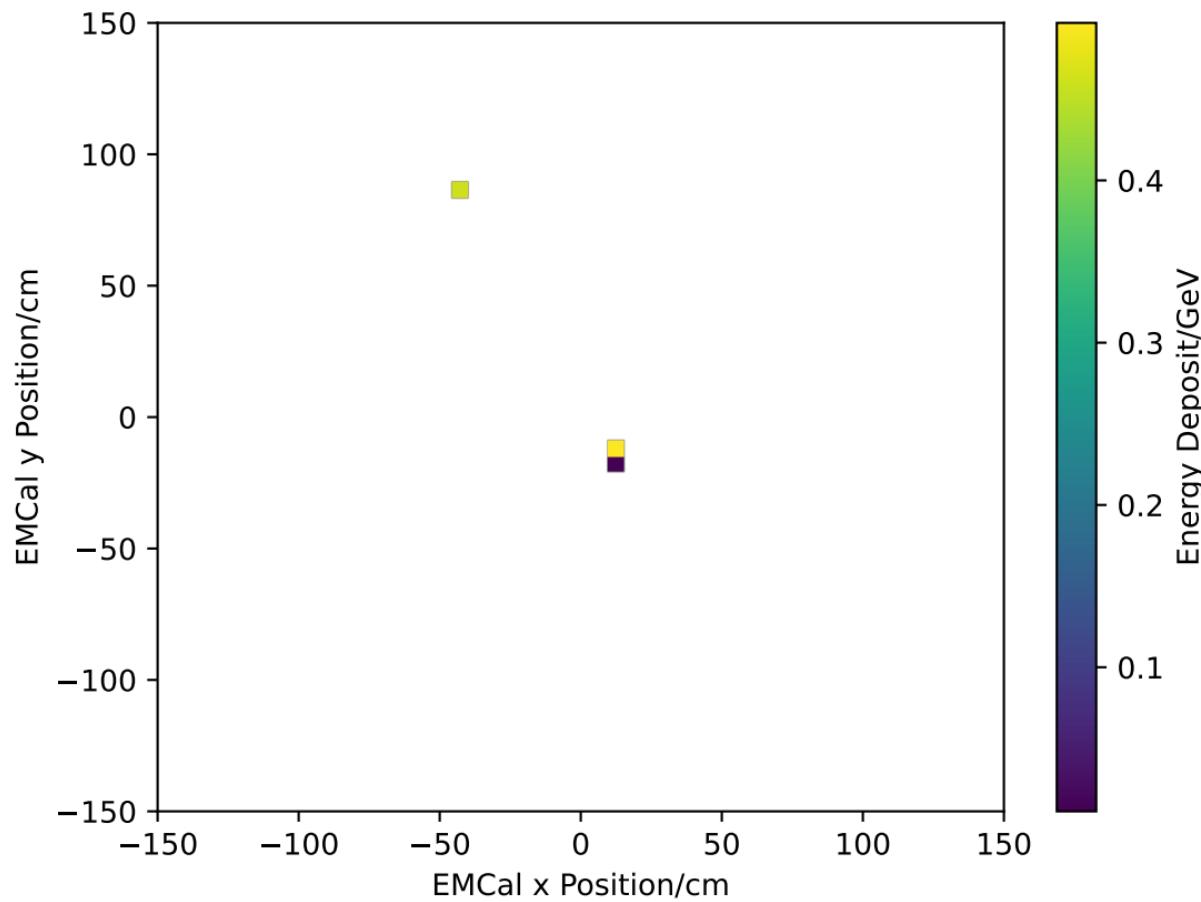
EMCal y Position/cm

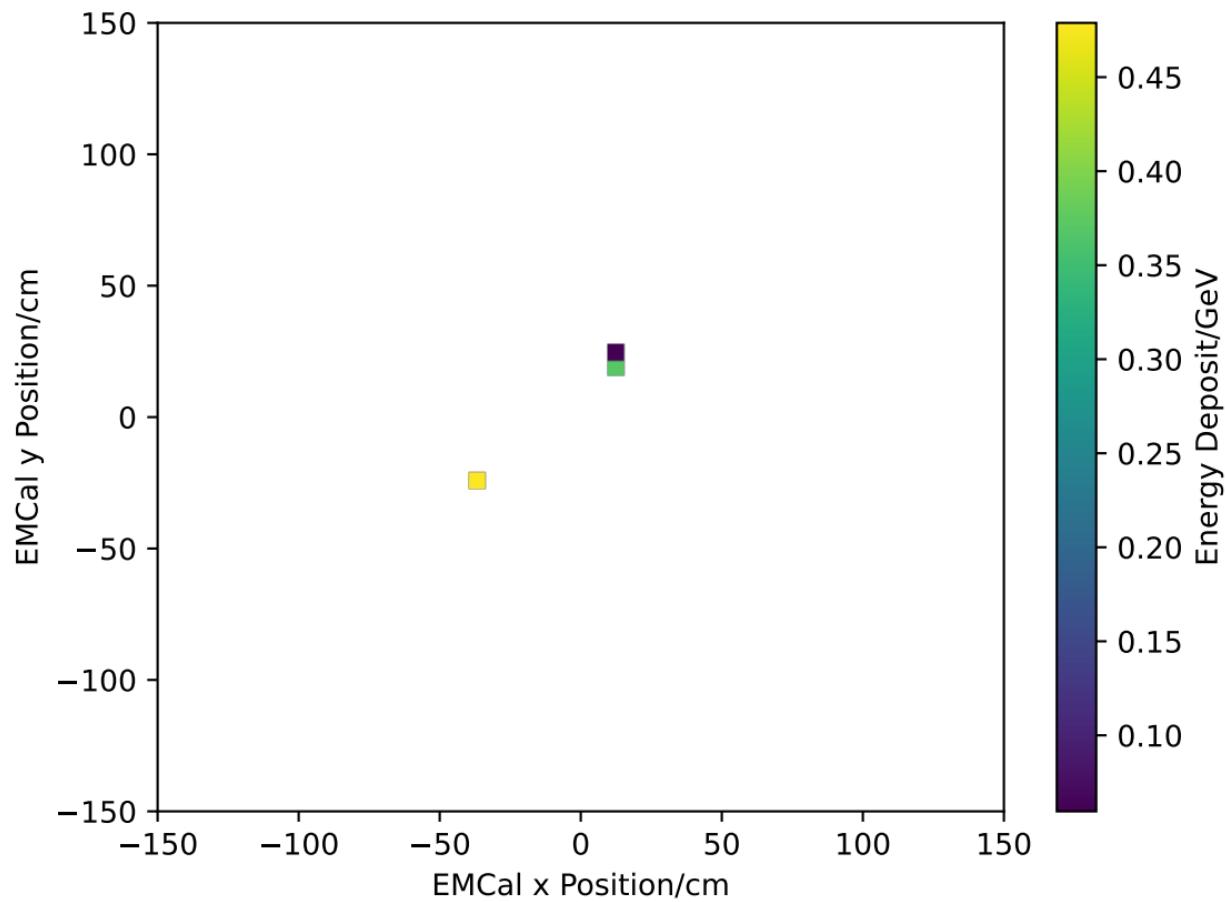


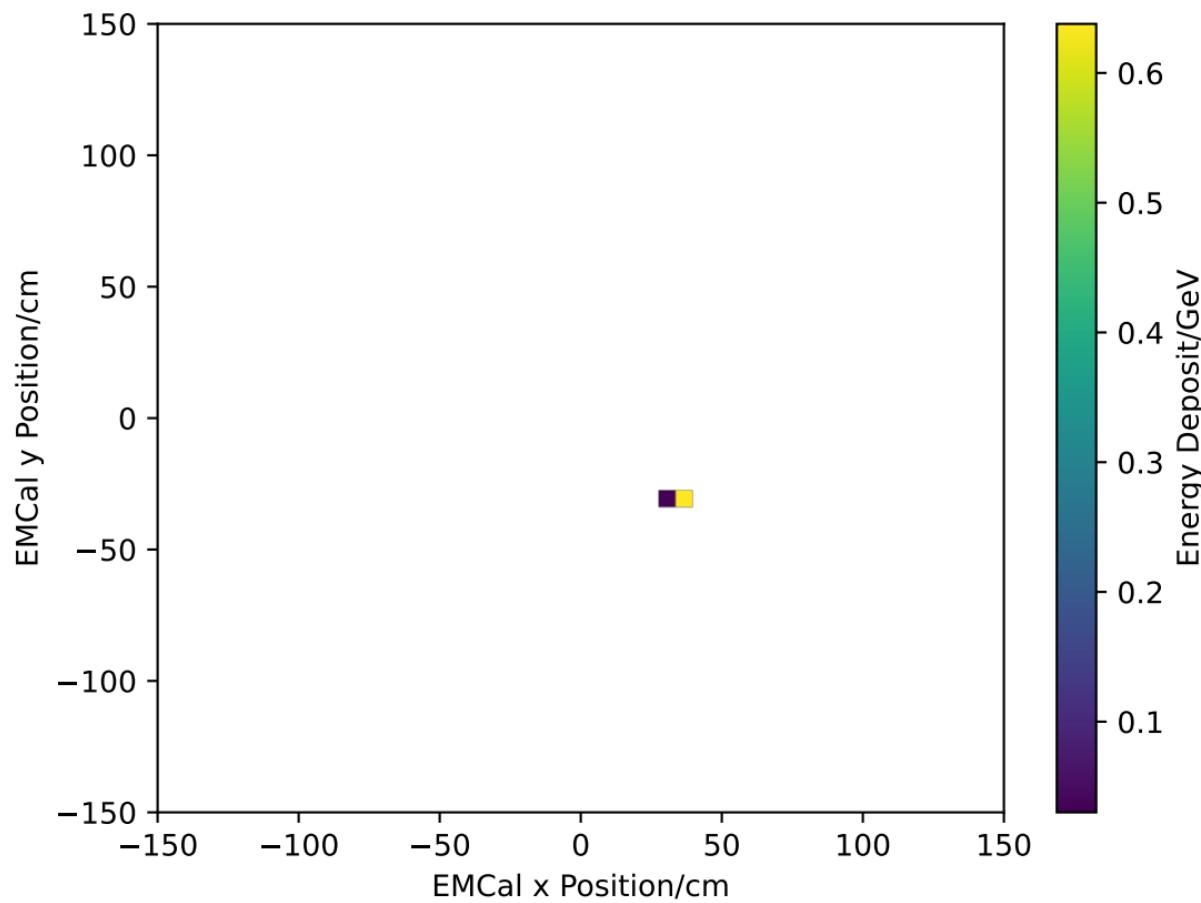












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

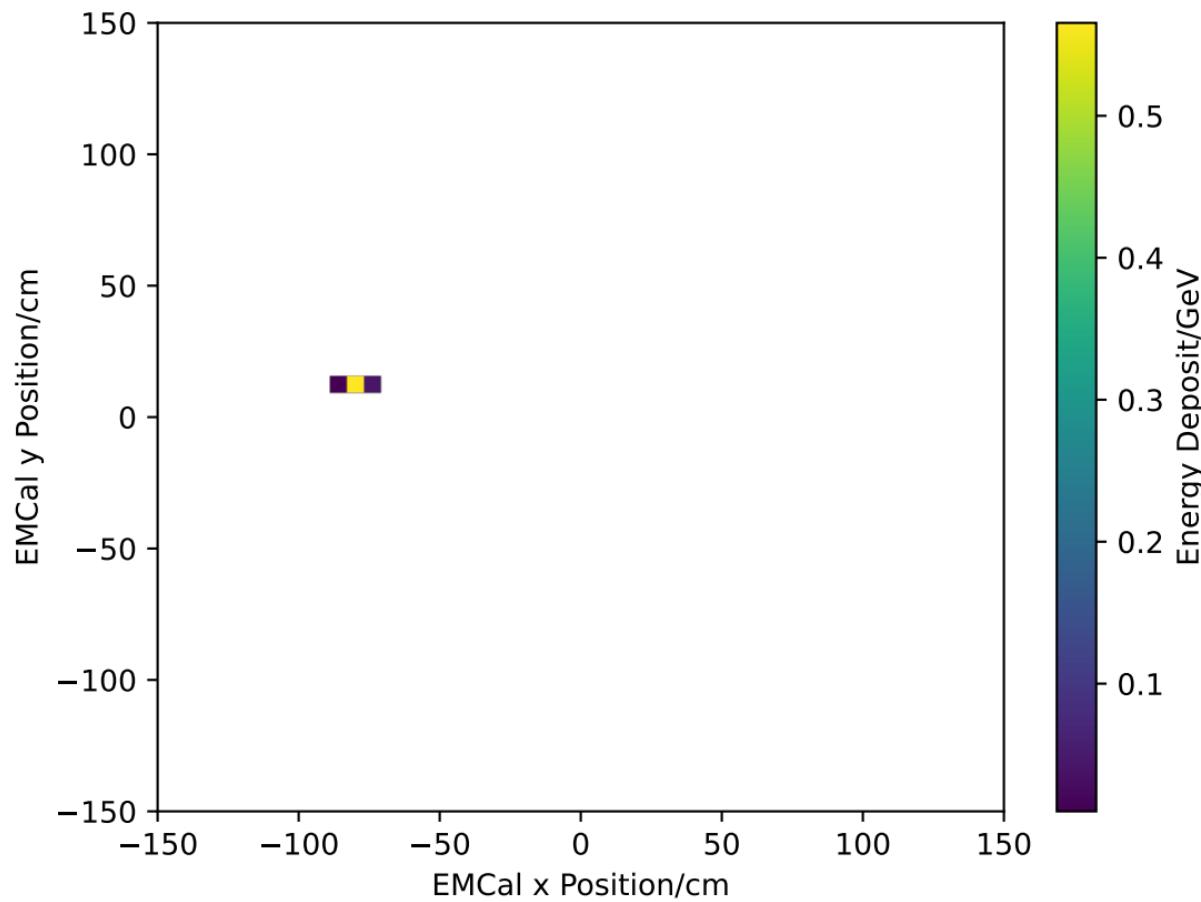
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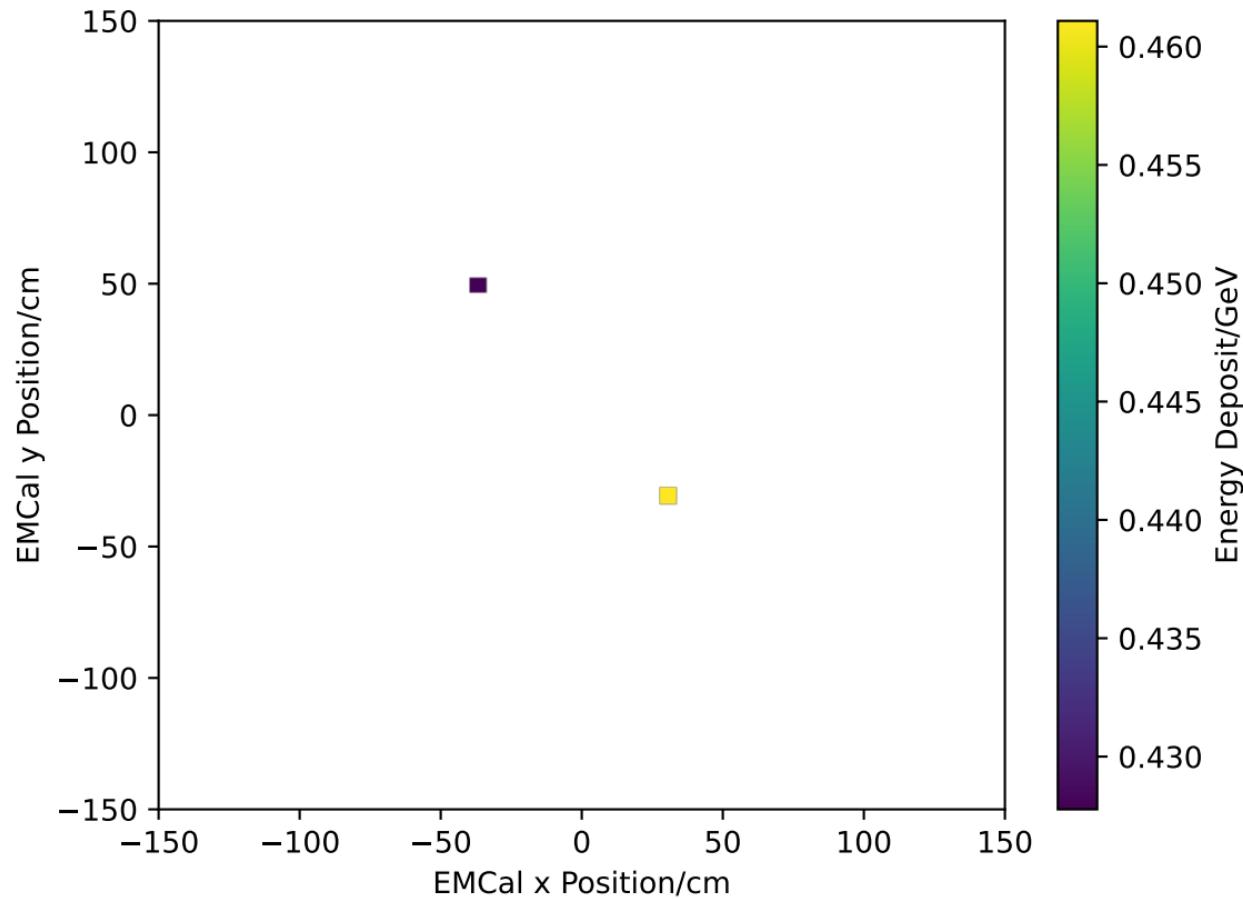
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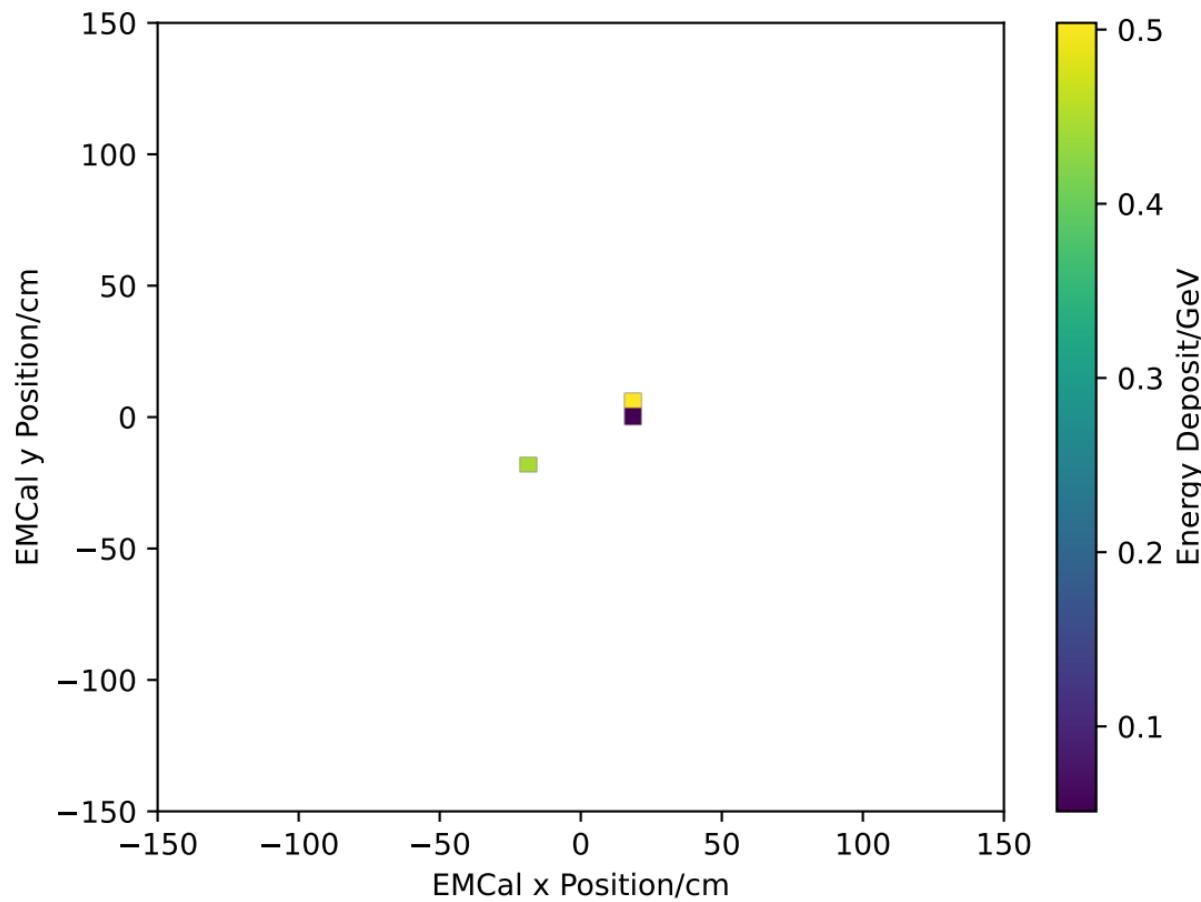
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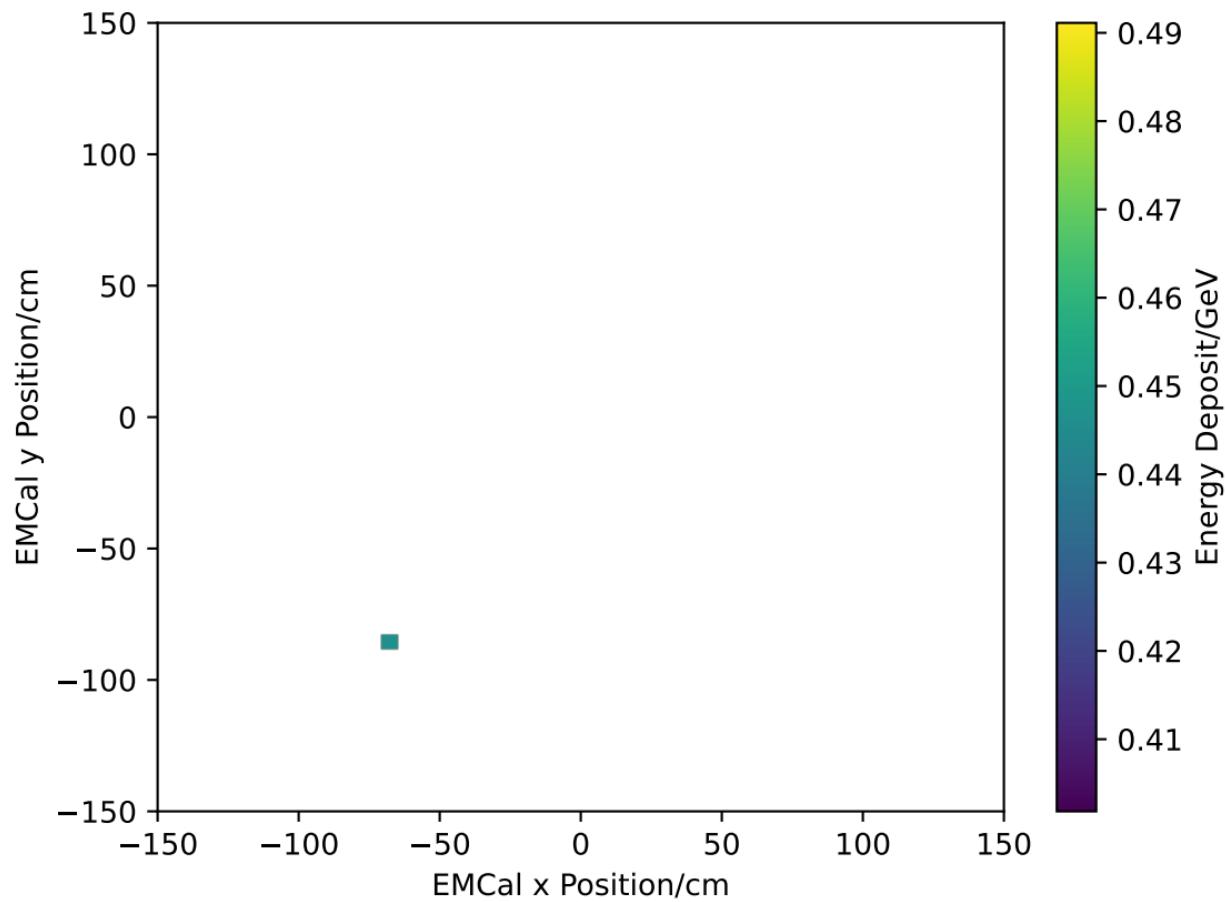
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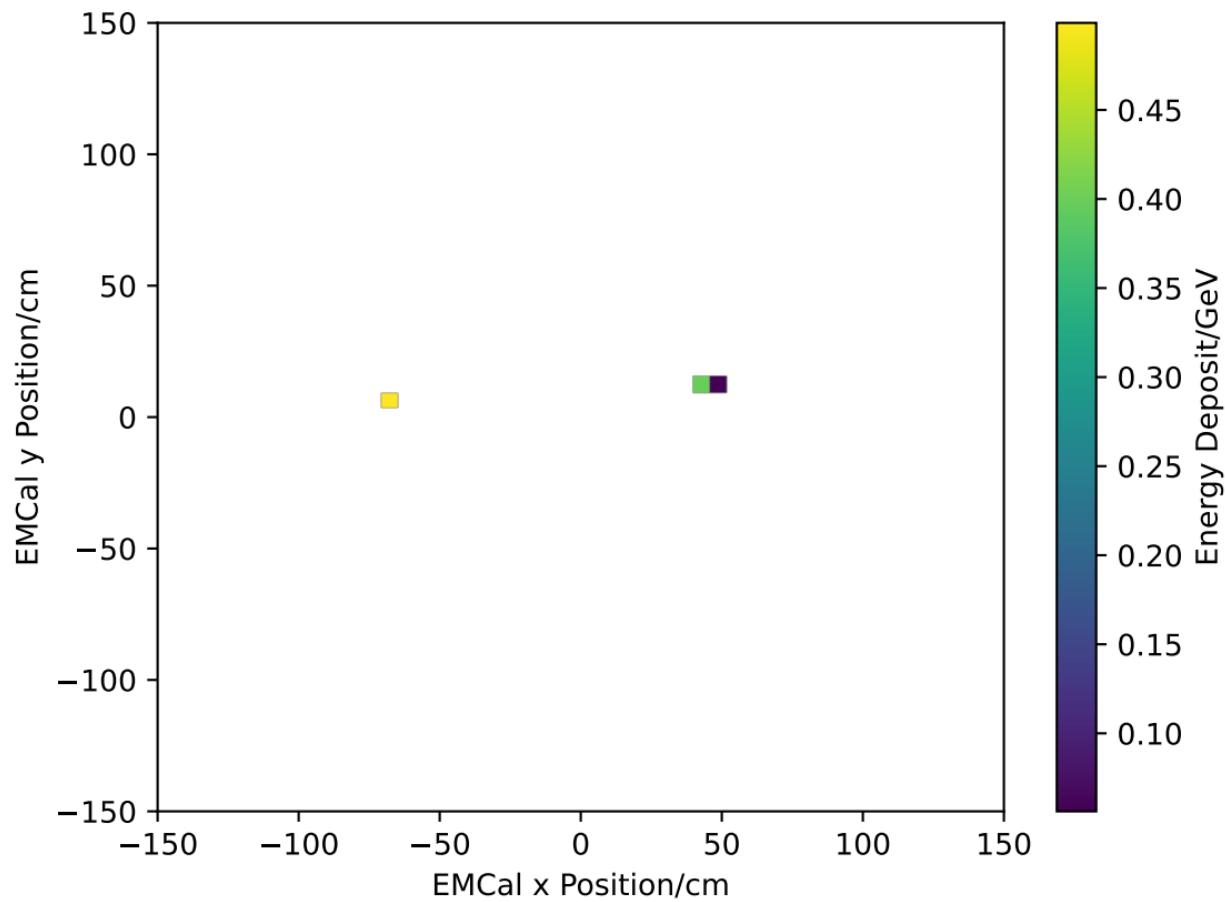
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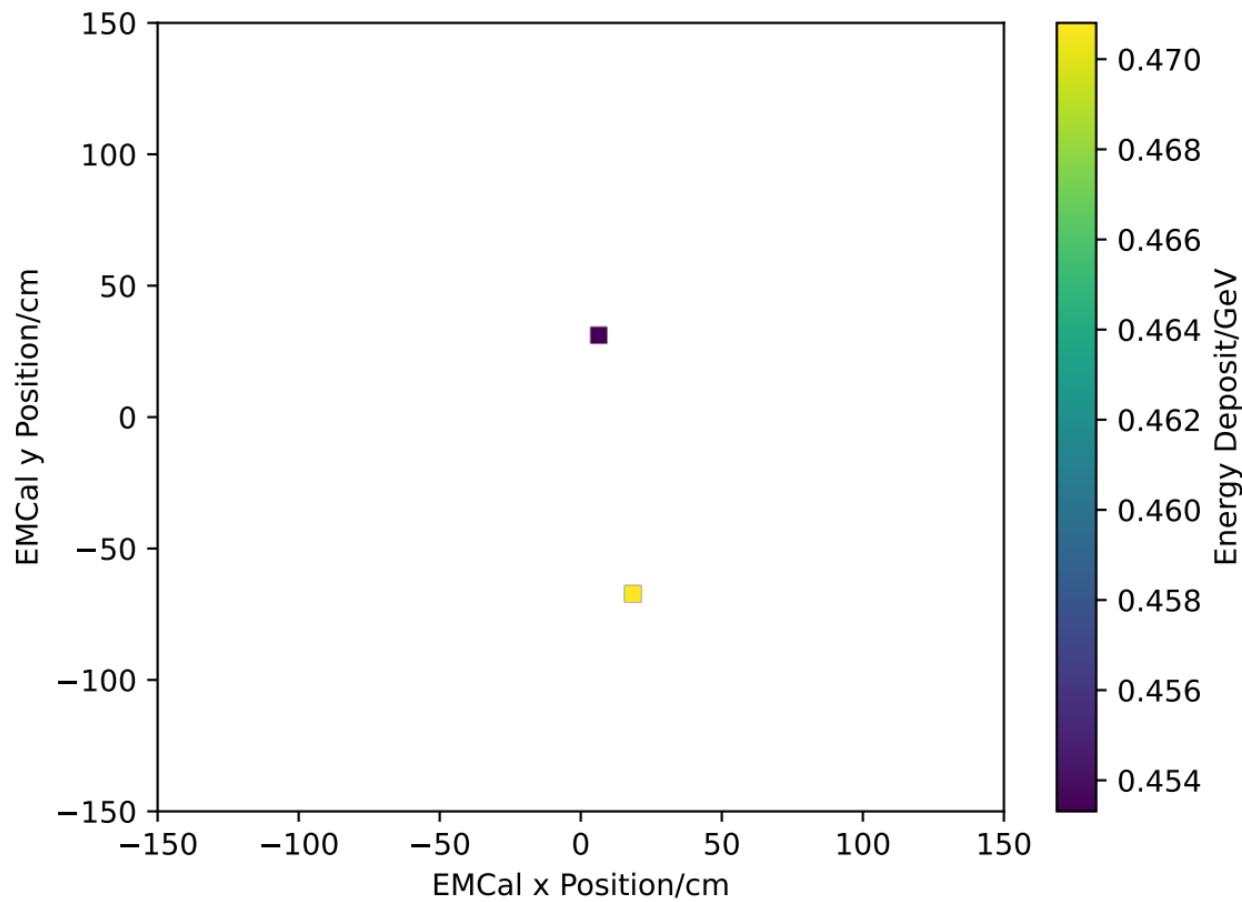












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

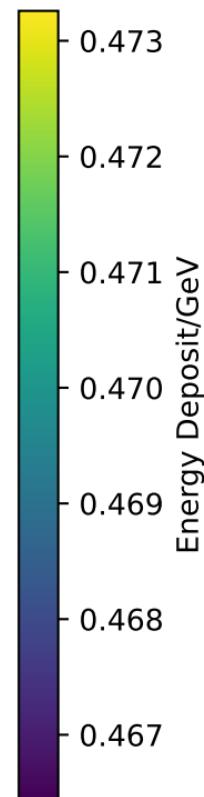
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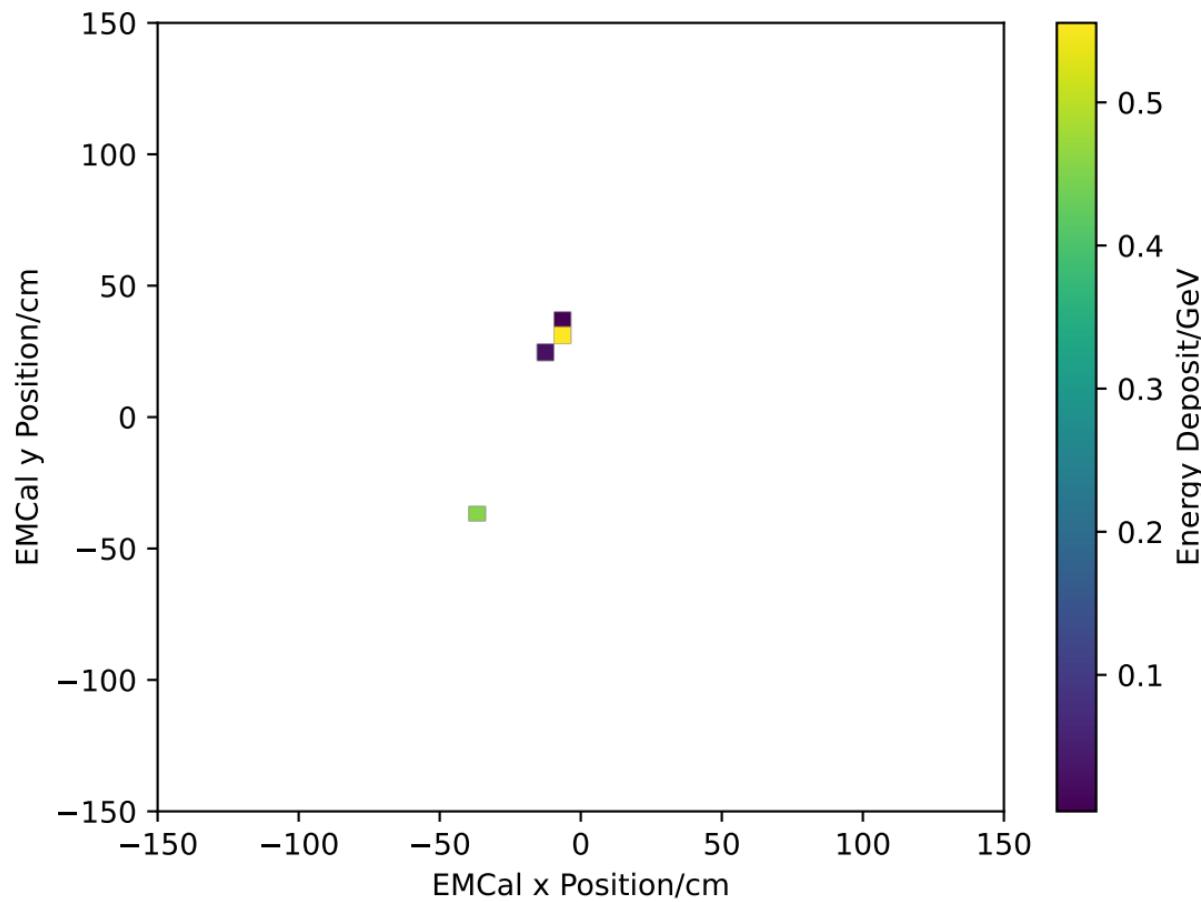
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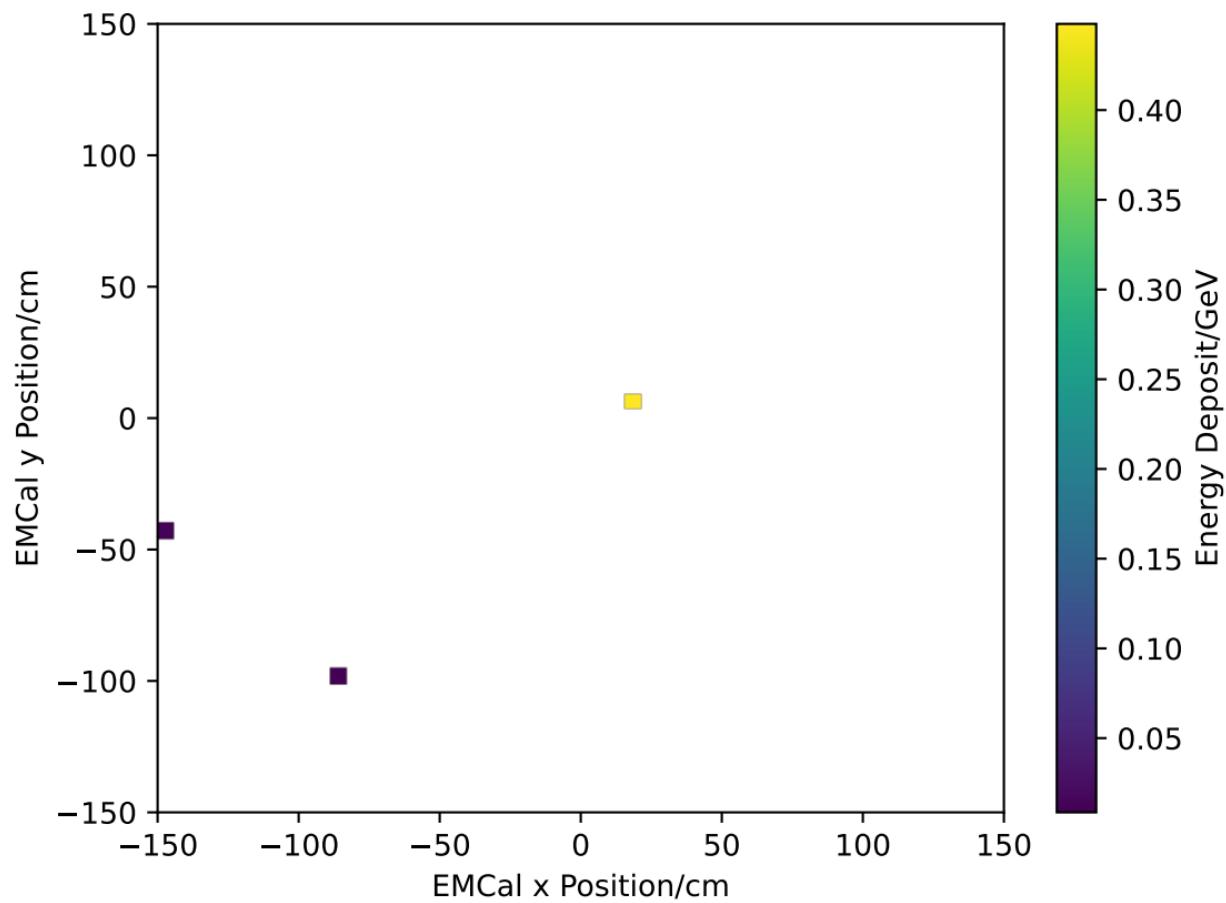
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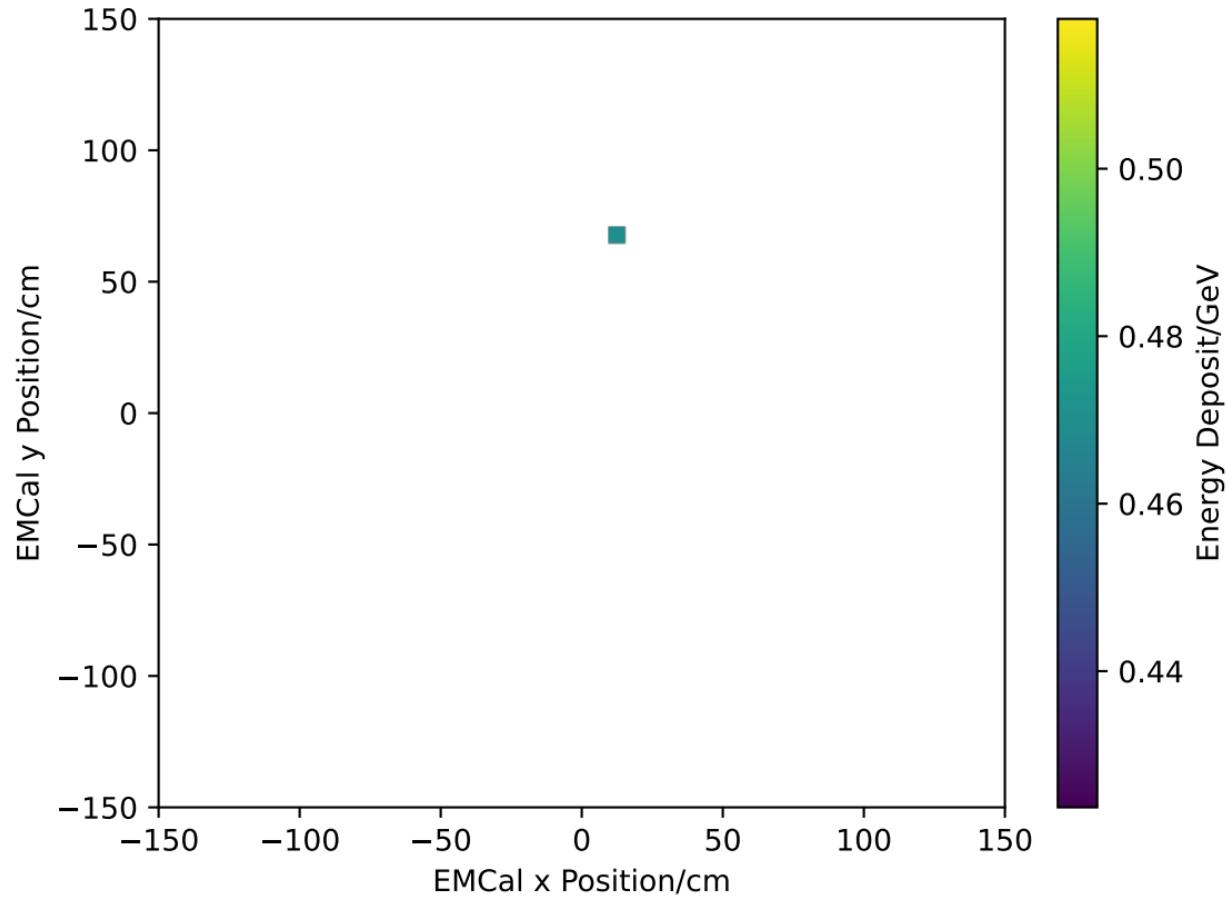
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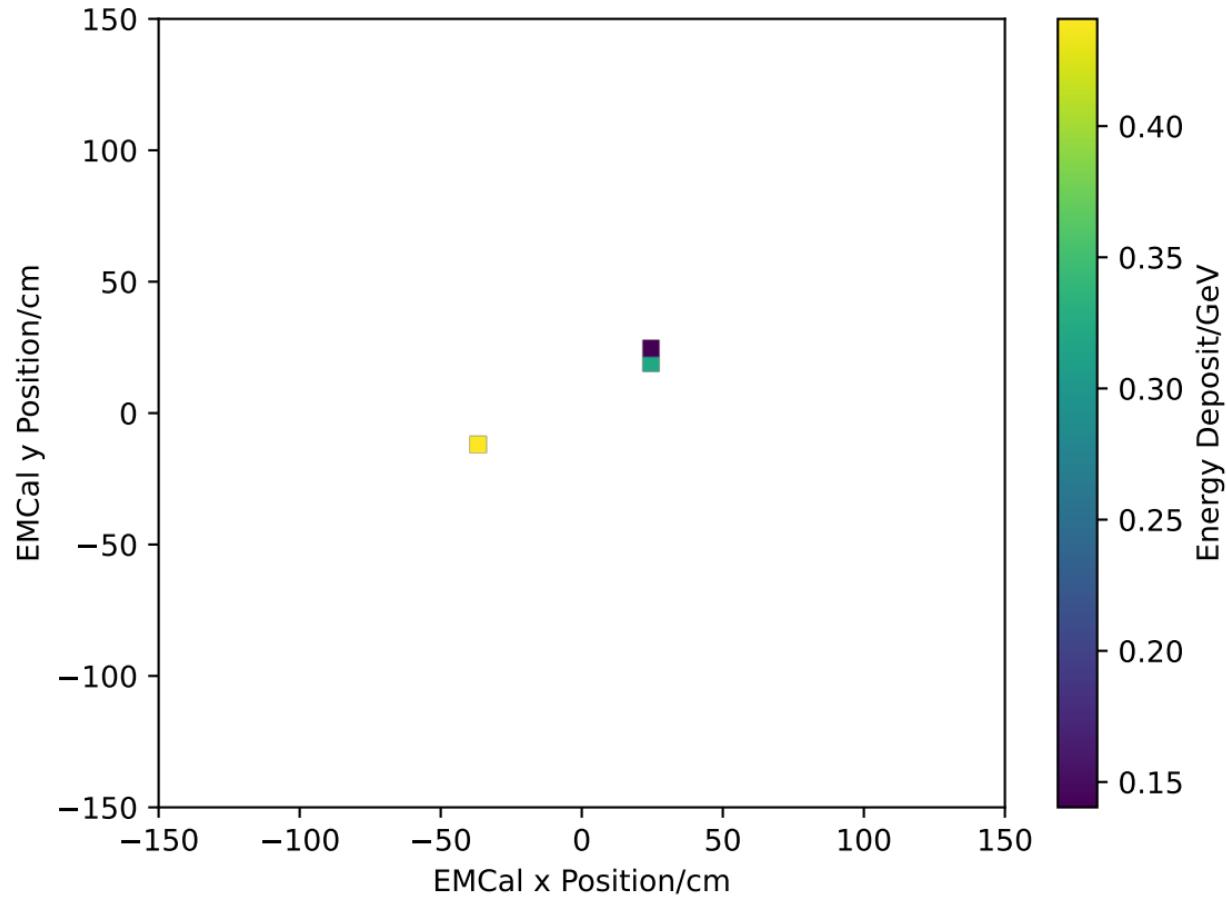
EMCal x Position/cm

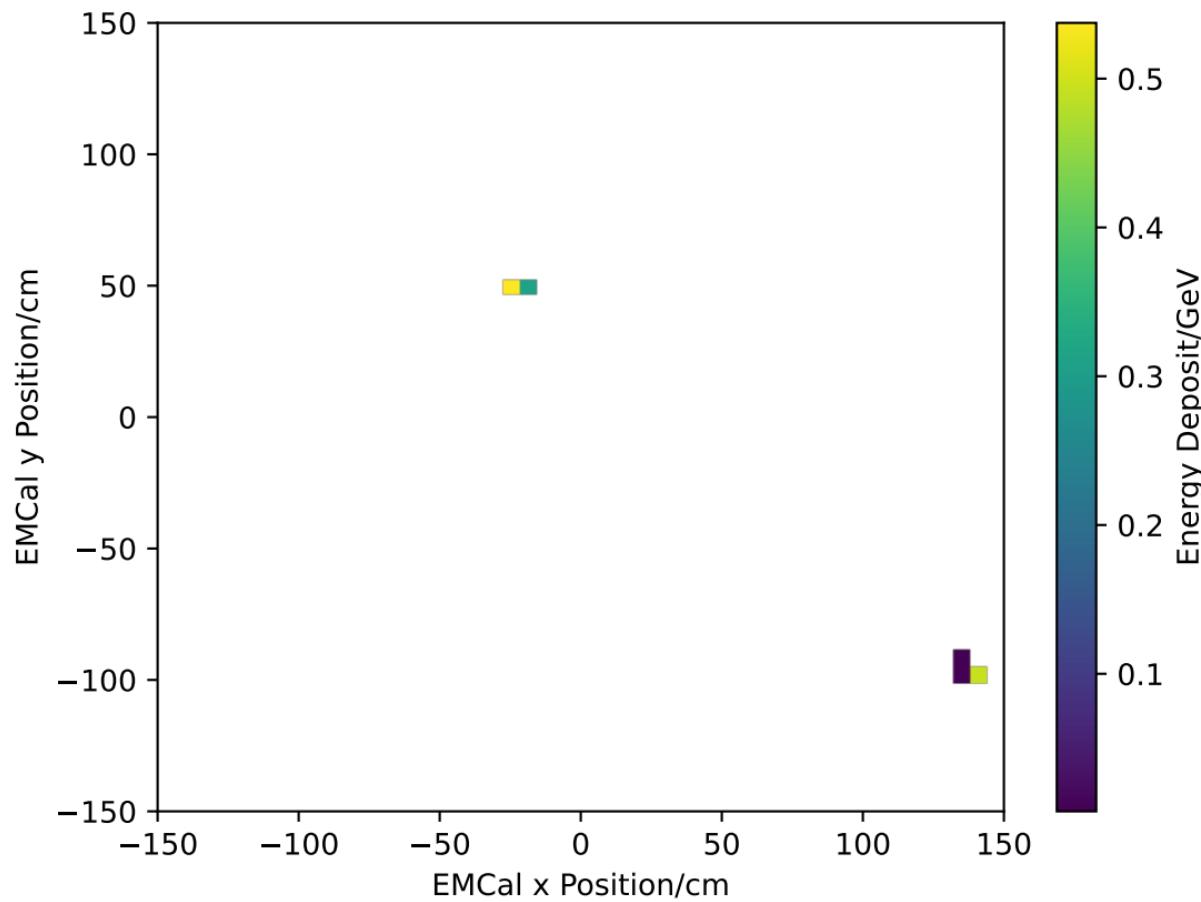




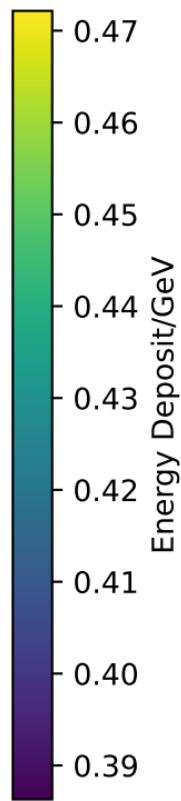
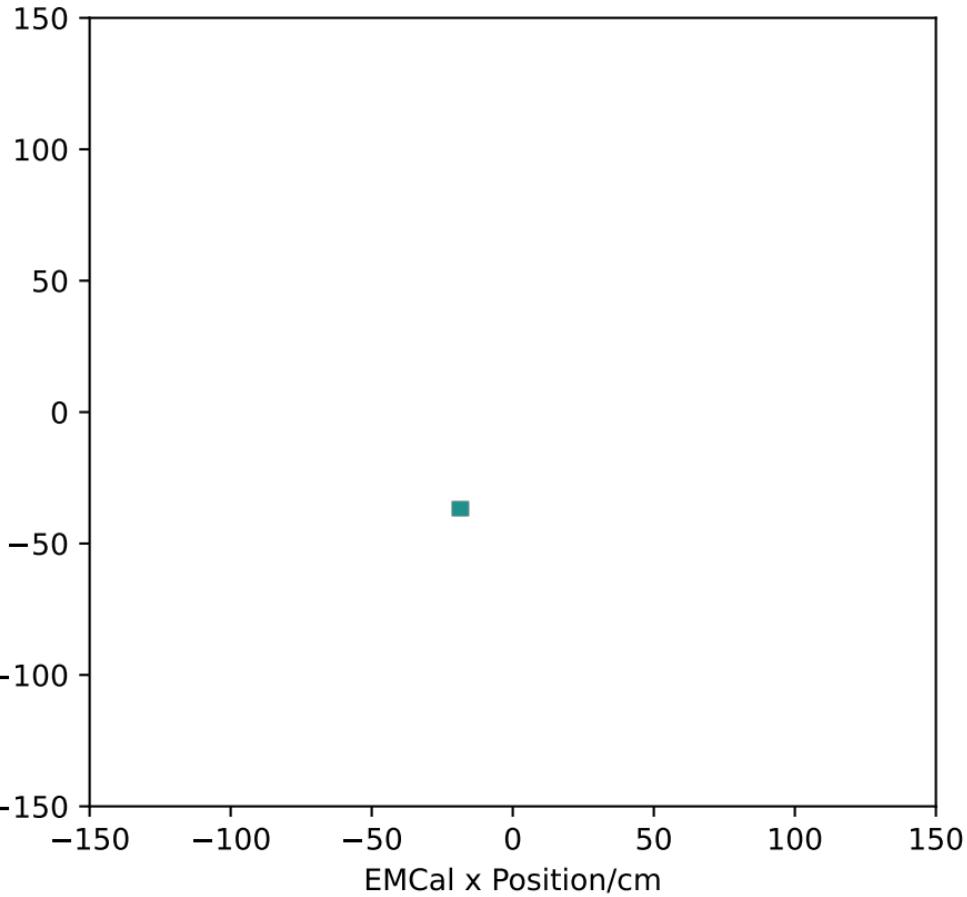


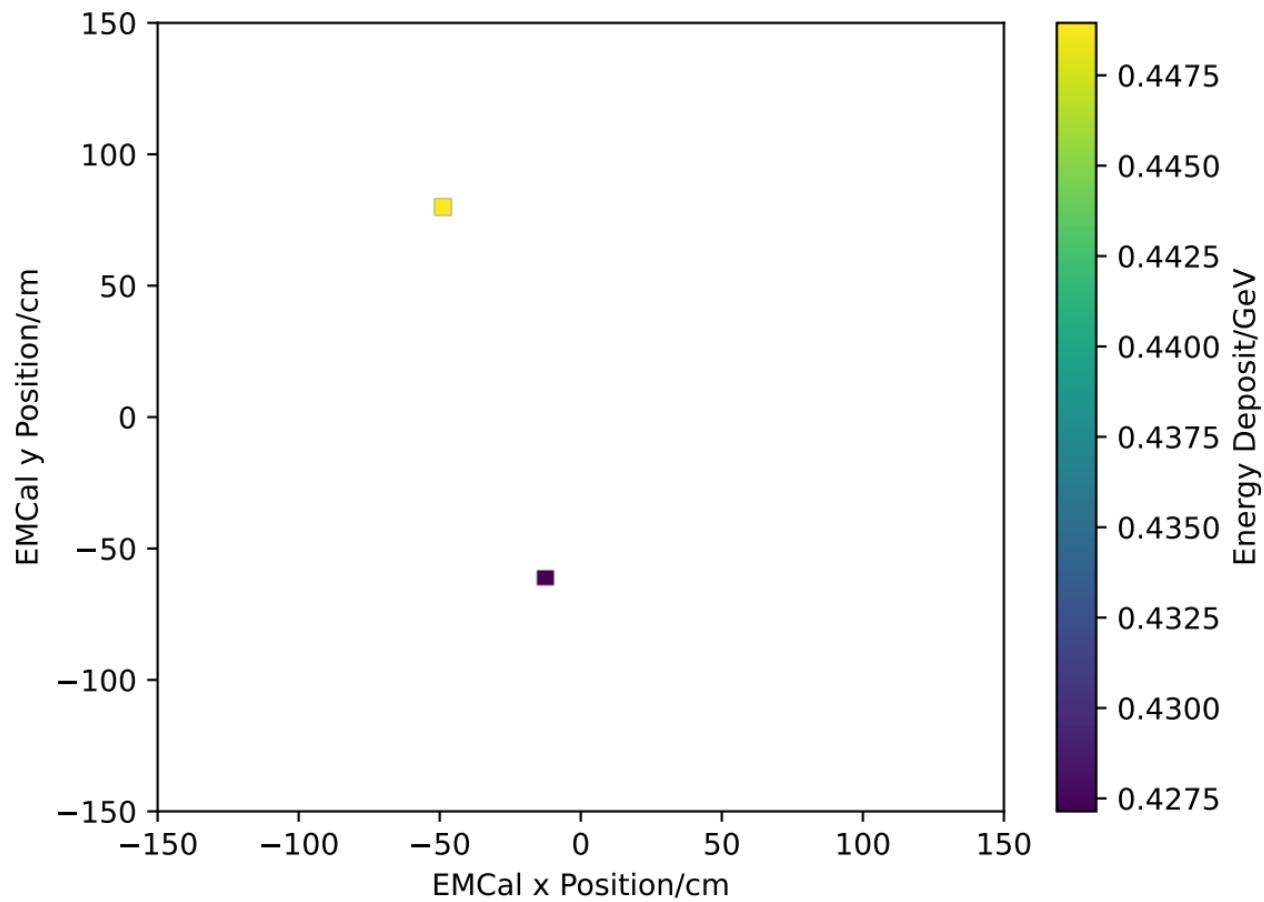


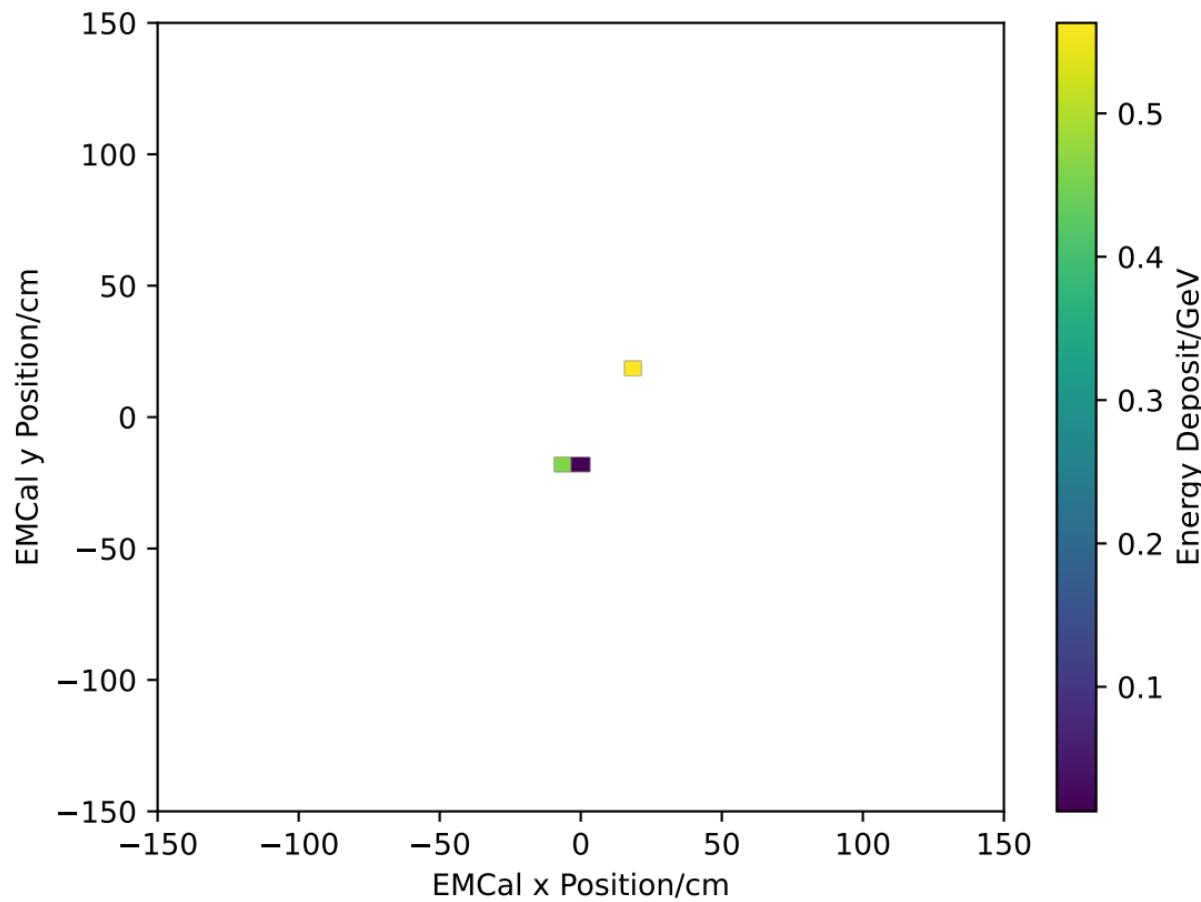


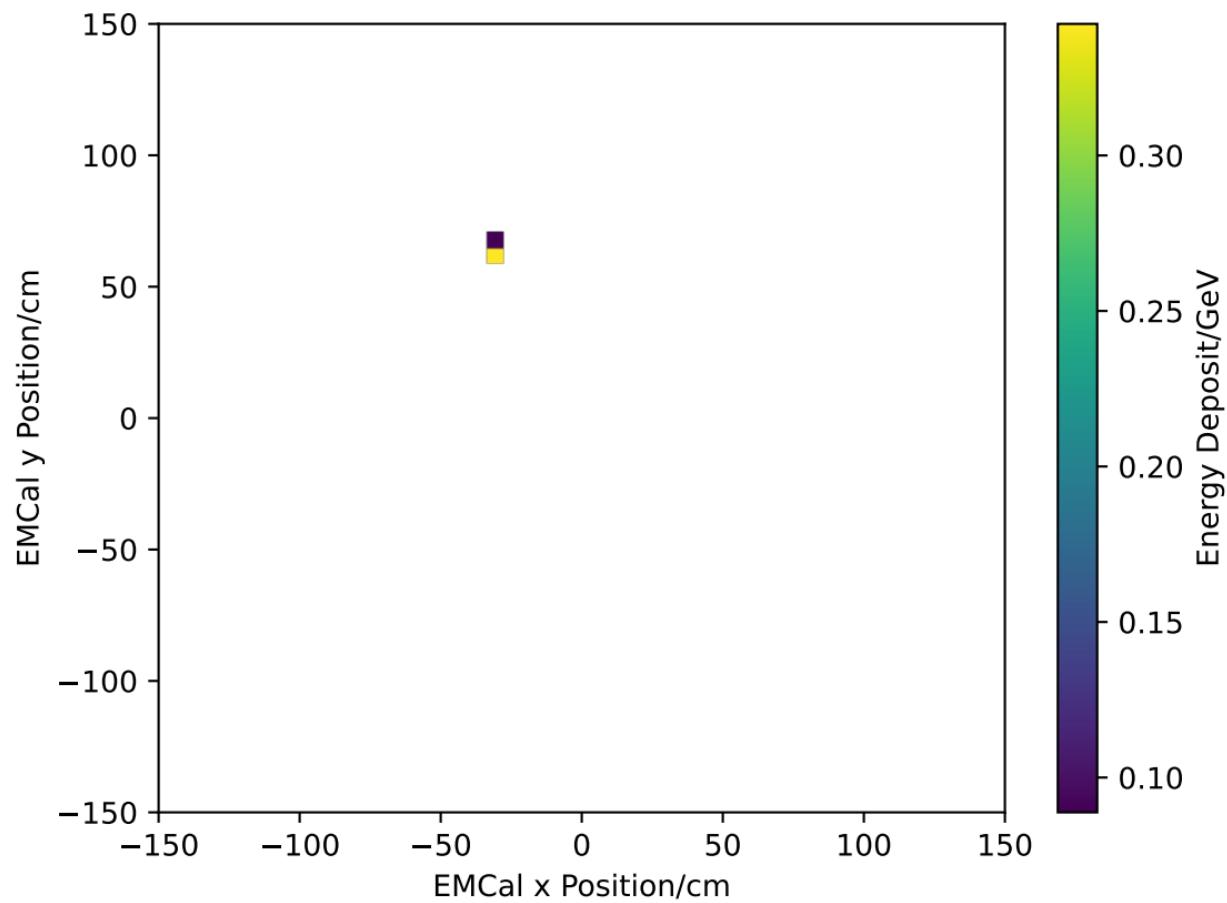


EMCal y Position/cm

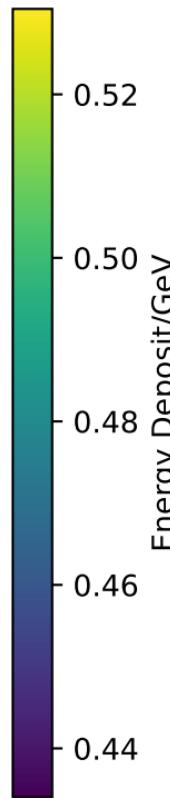
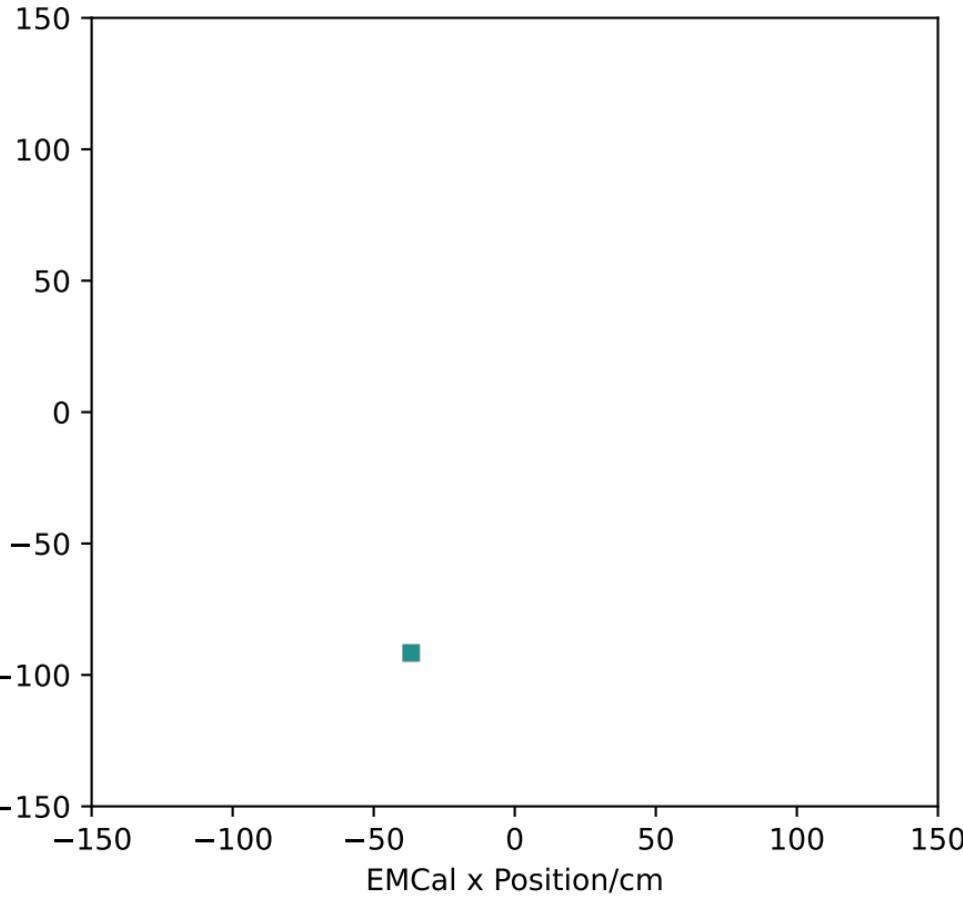


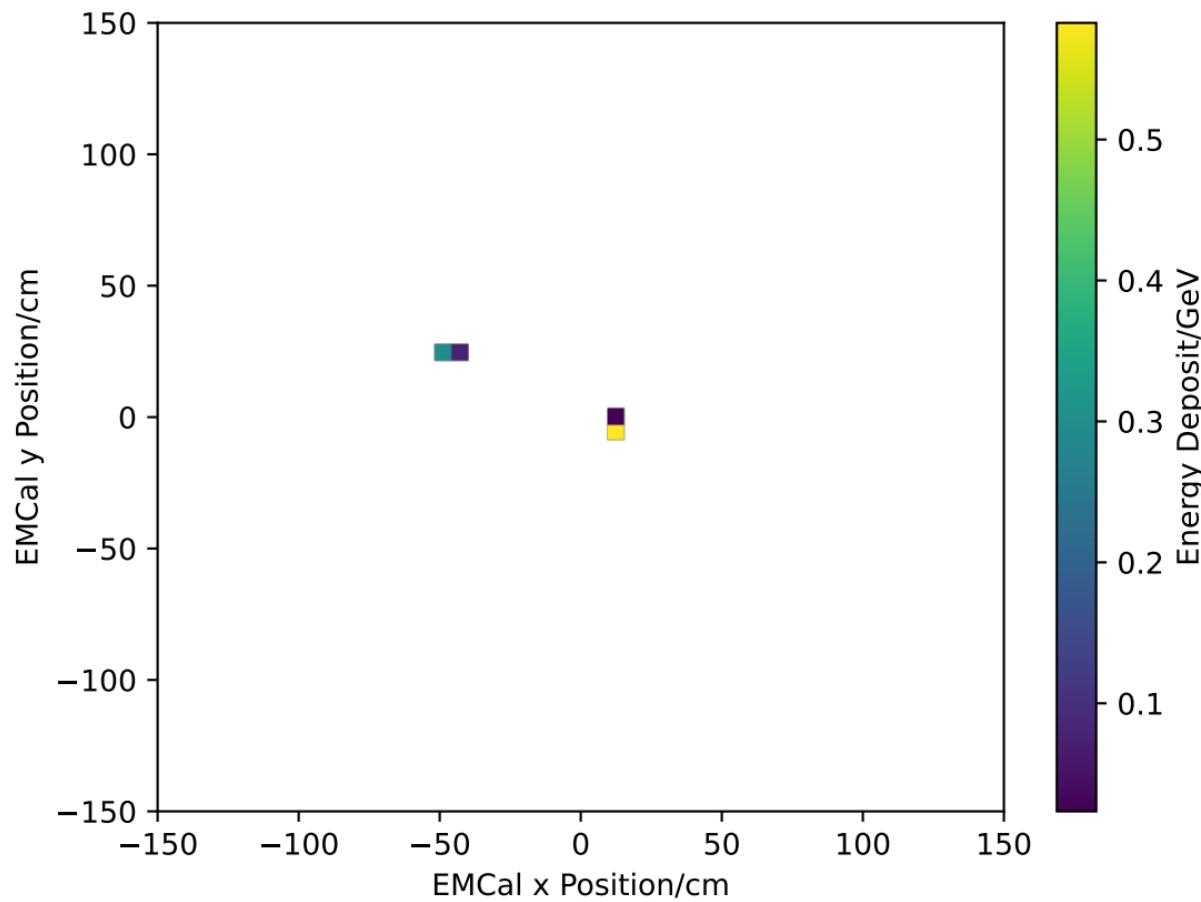


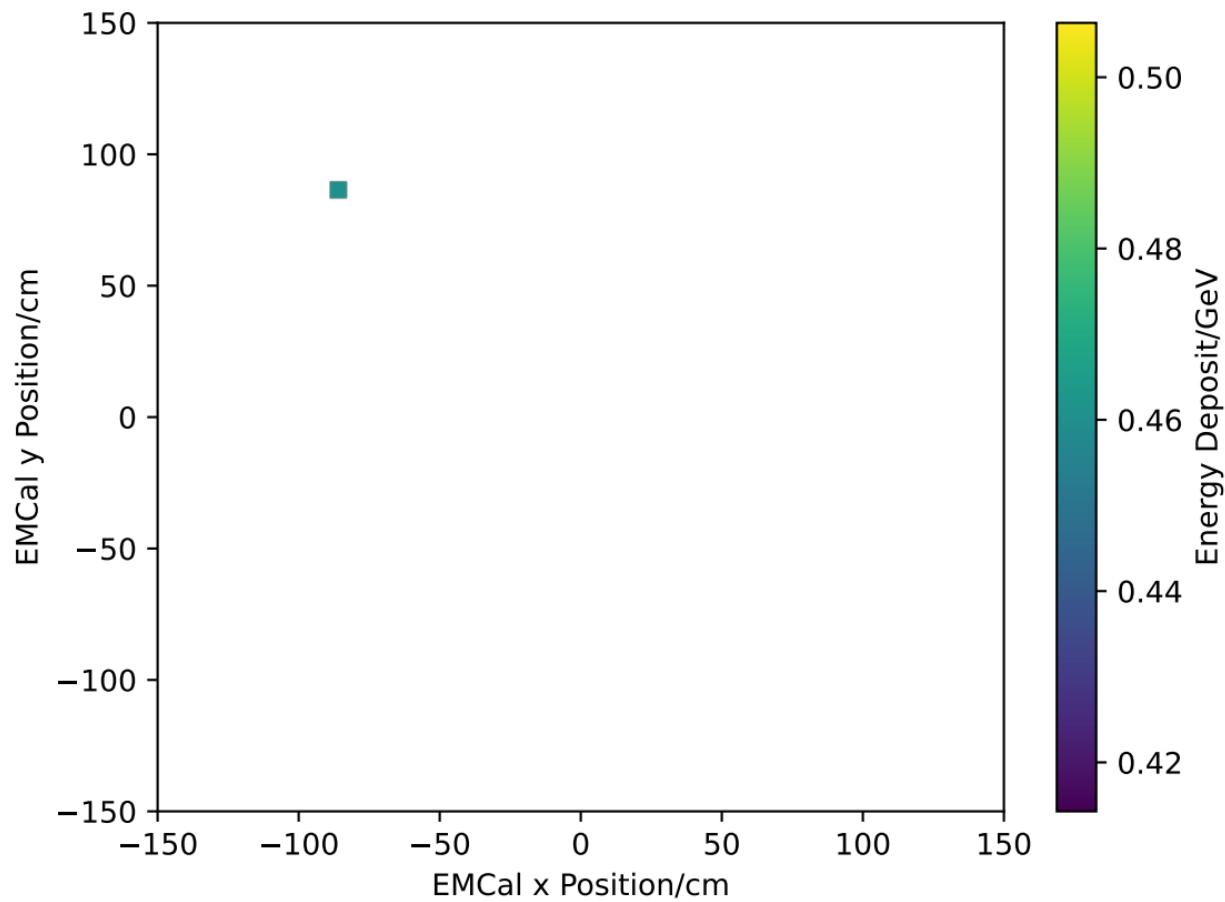




EMCal y Position/cm







EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

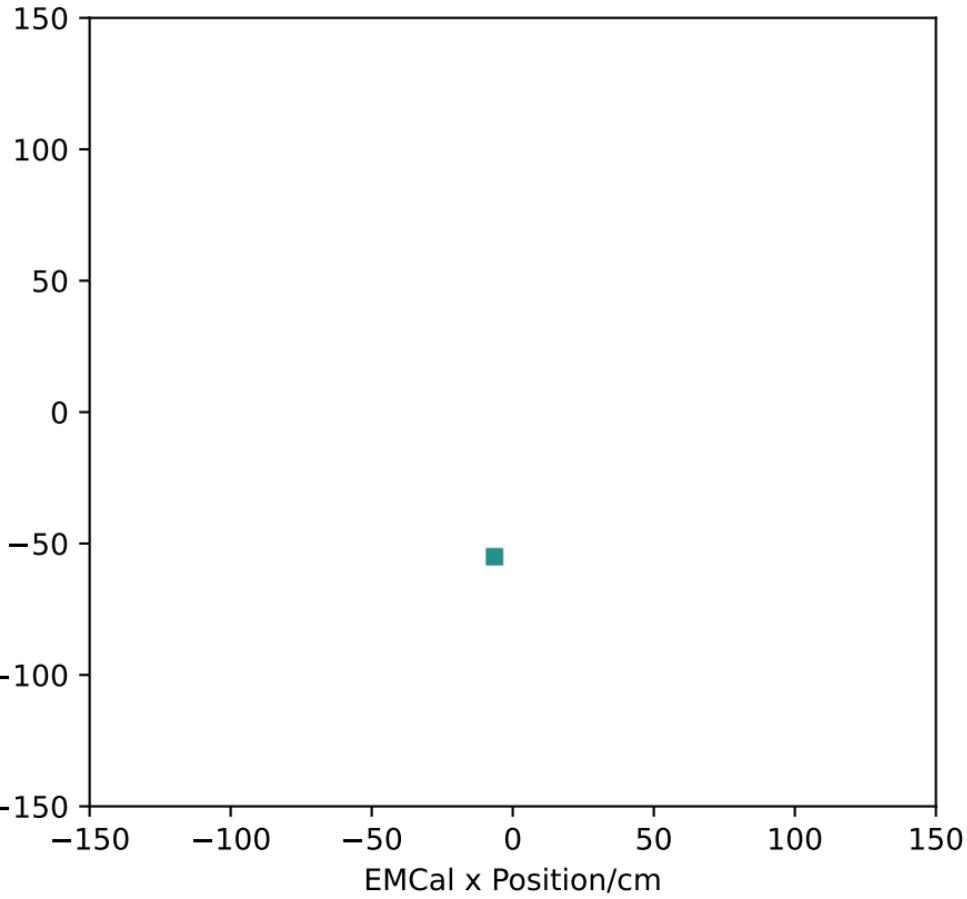
150

EMCal x Position/cm



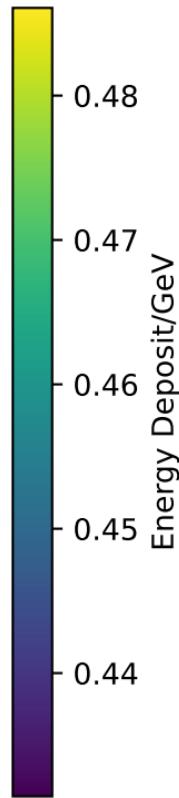
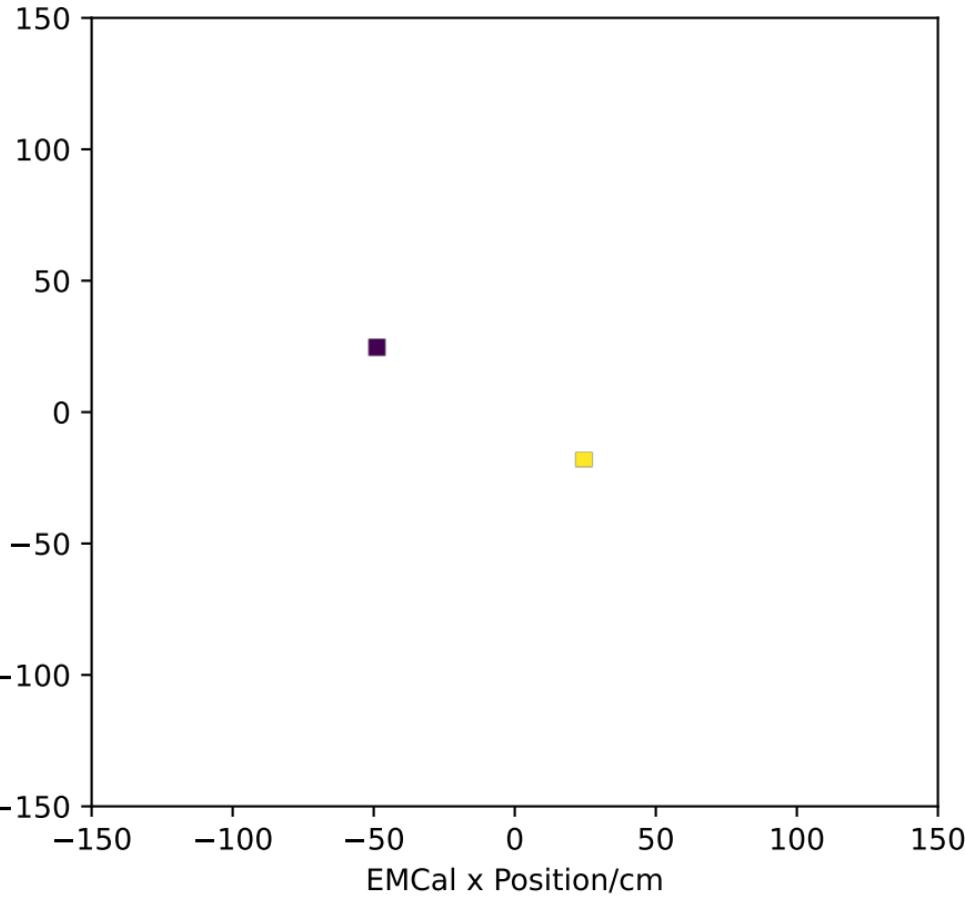
Energy Deposit/GeV

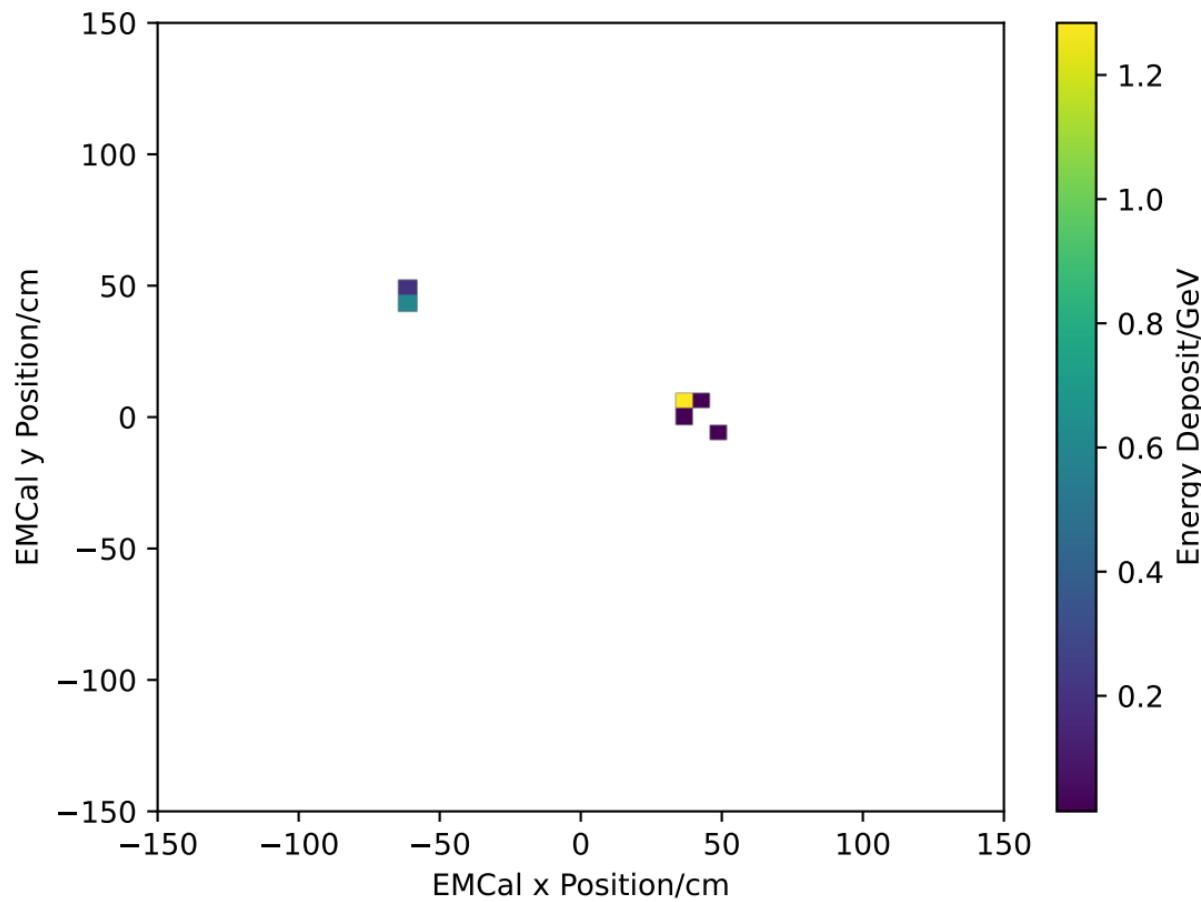
EMCal y Position/cm

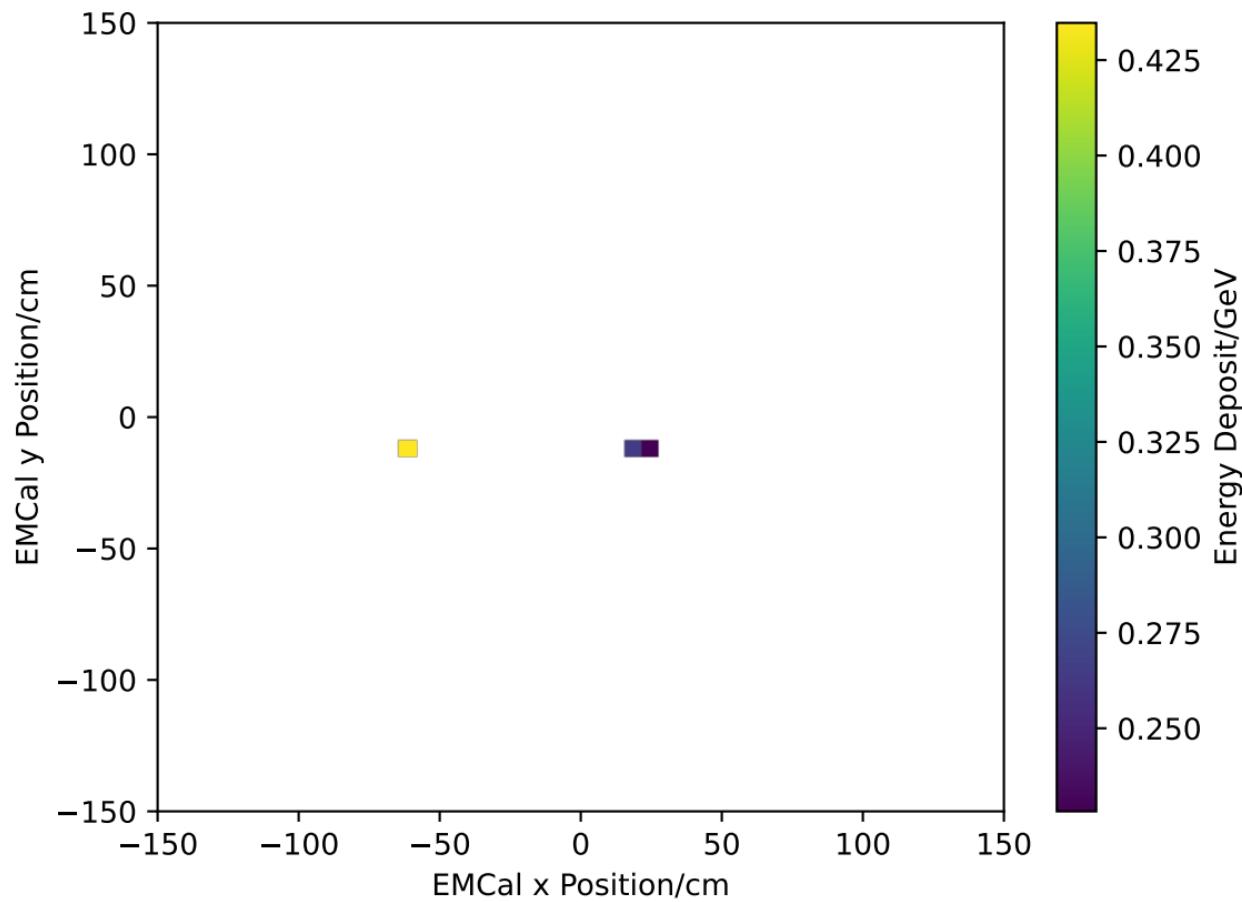


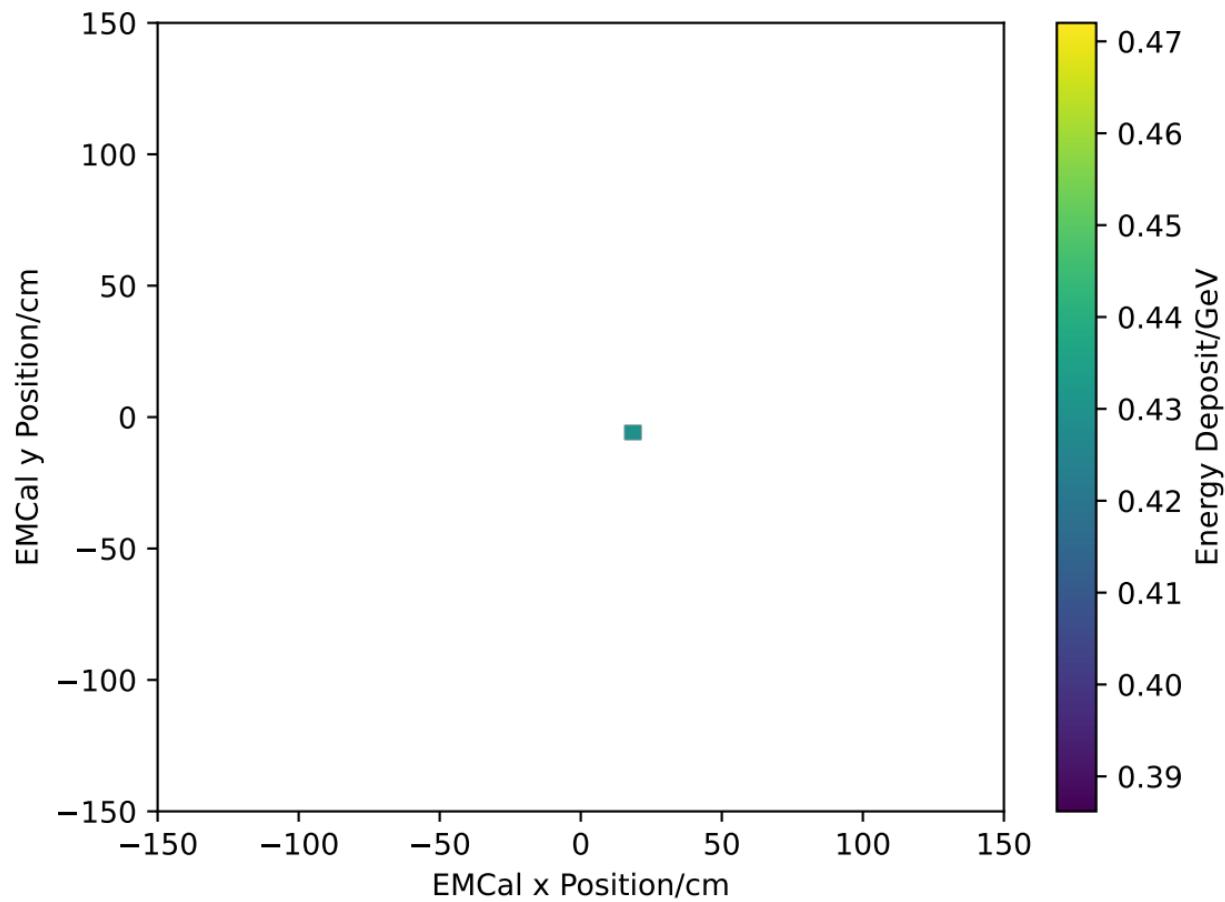
Energy Deposit/GeV

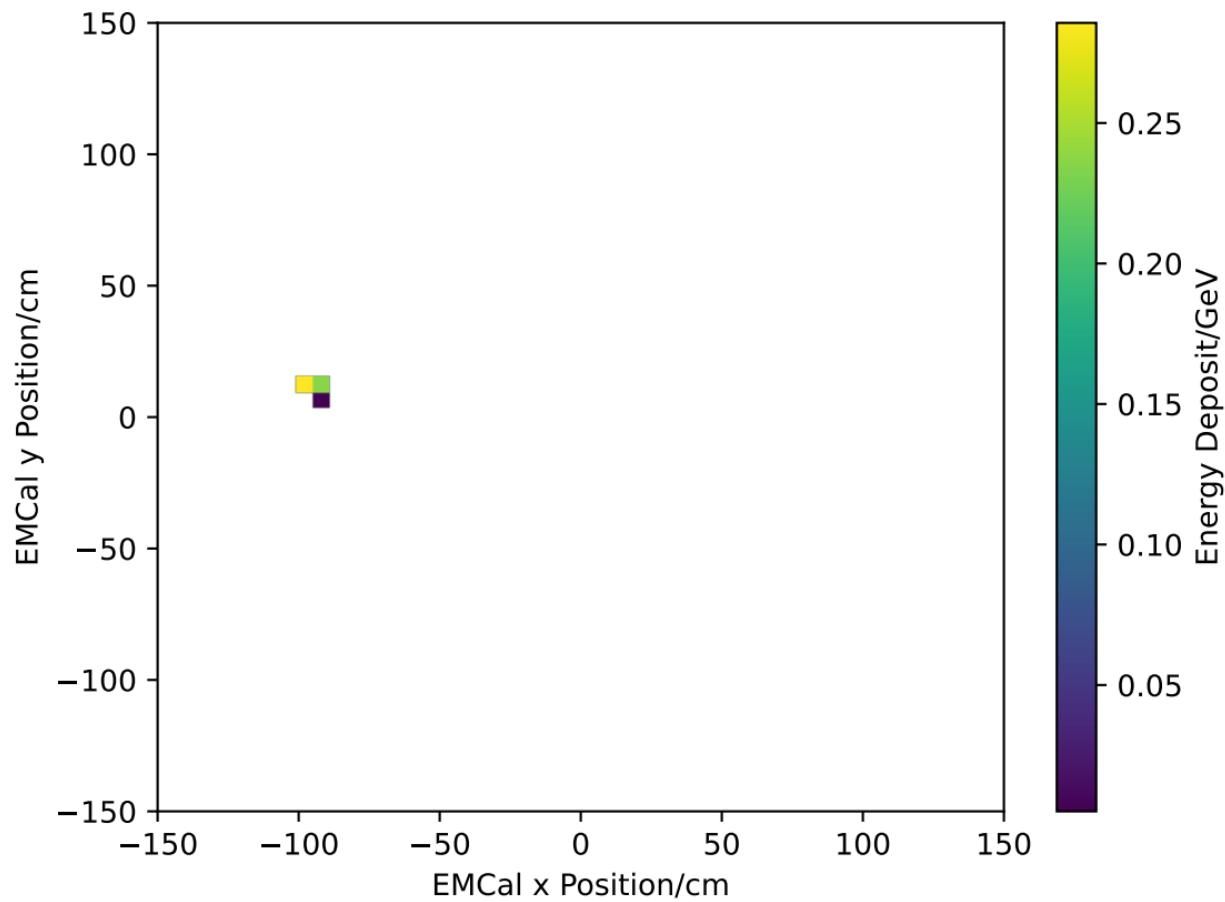
EMCal y Position/cm

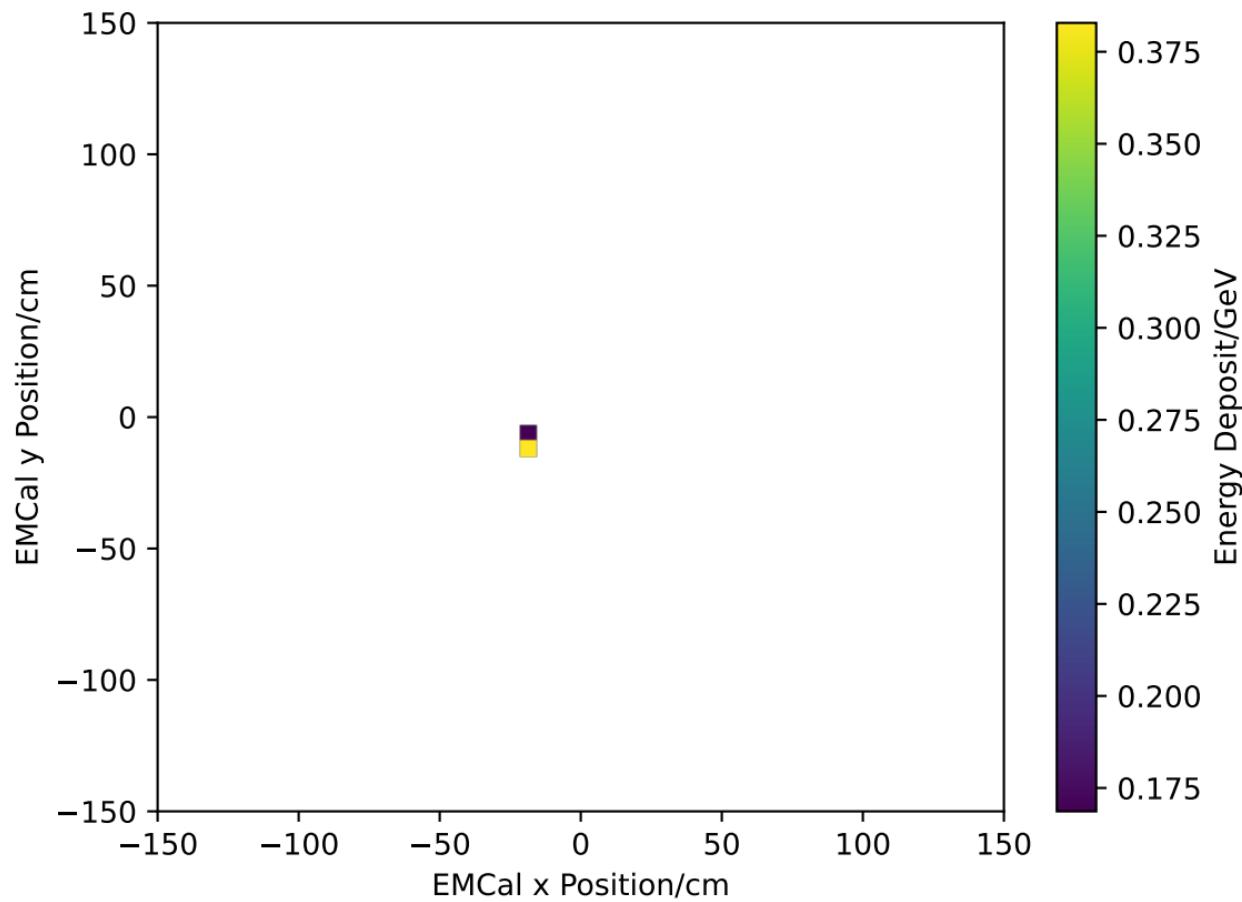


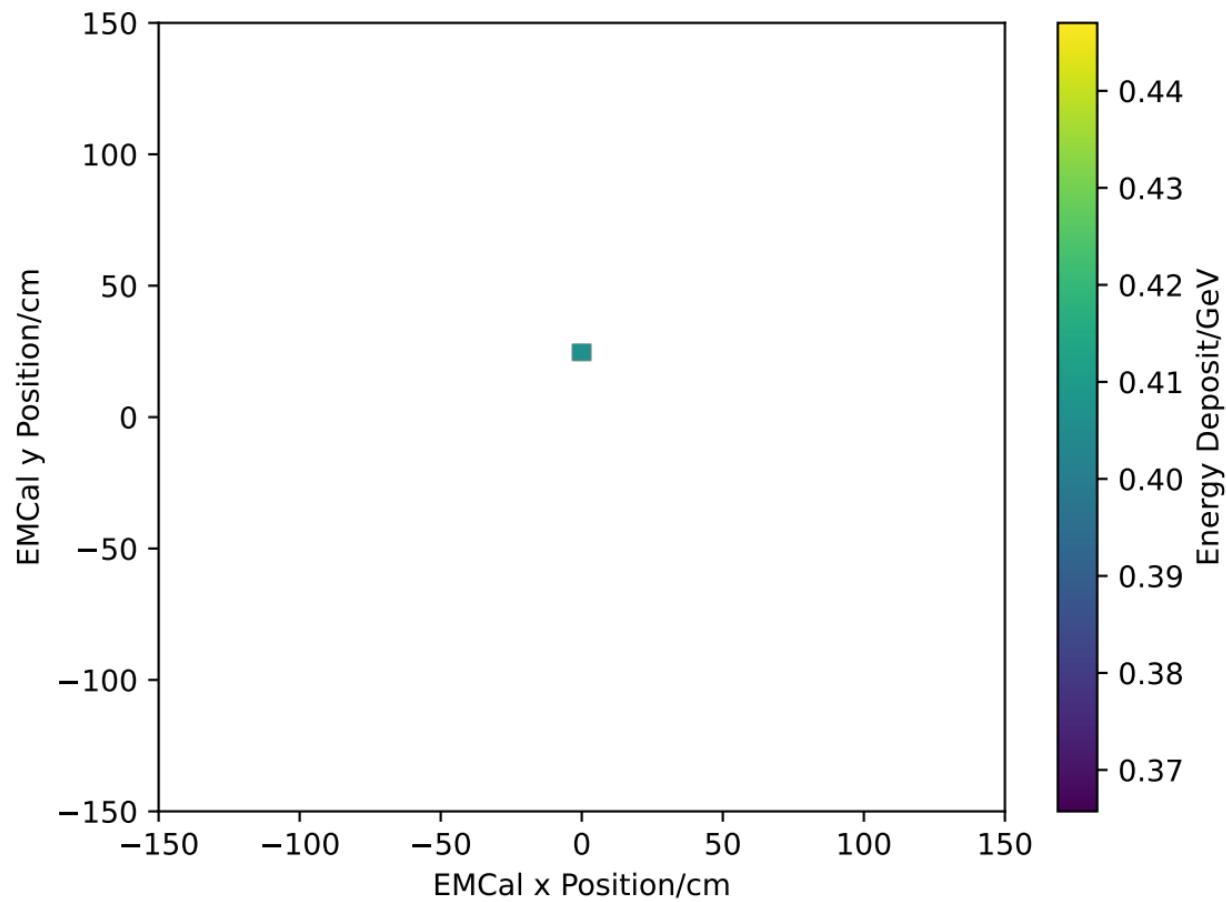


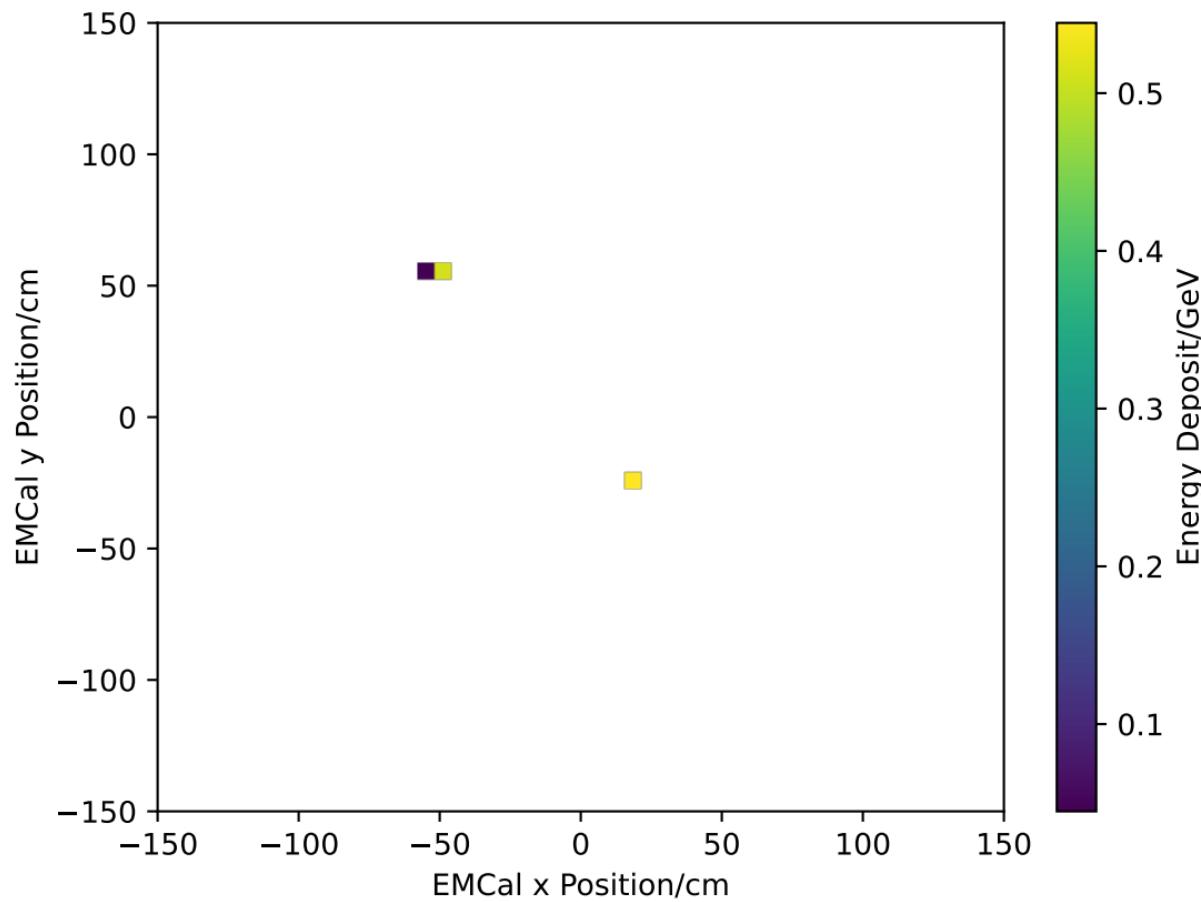


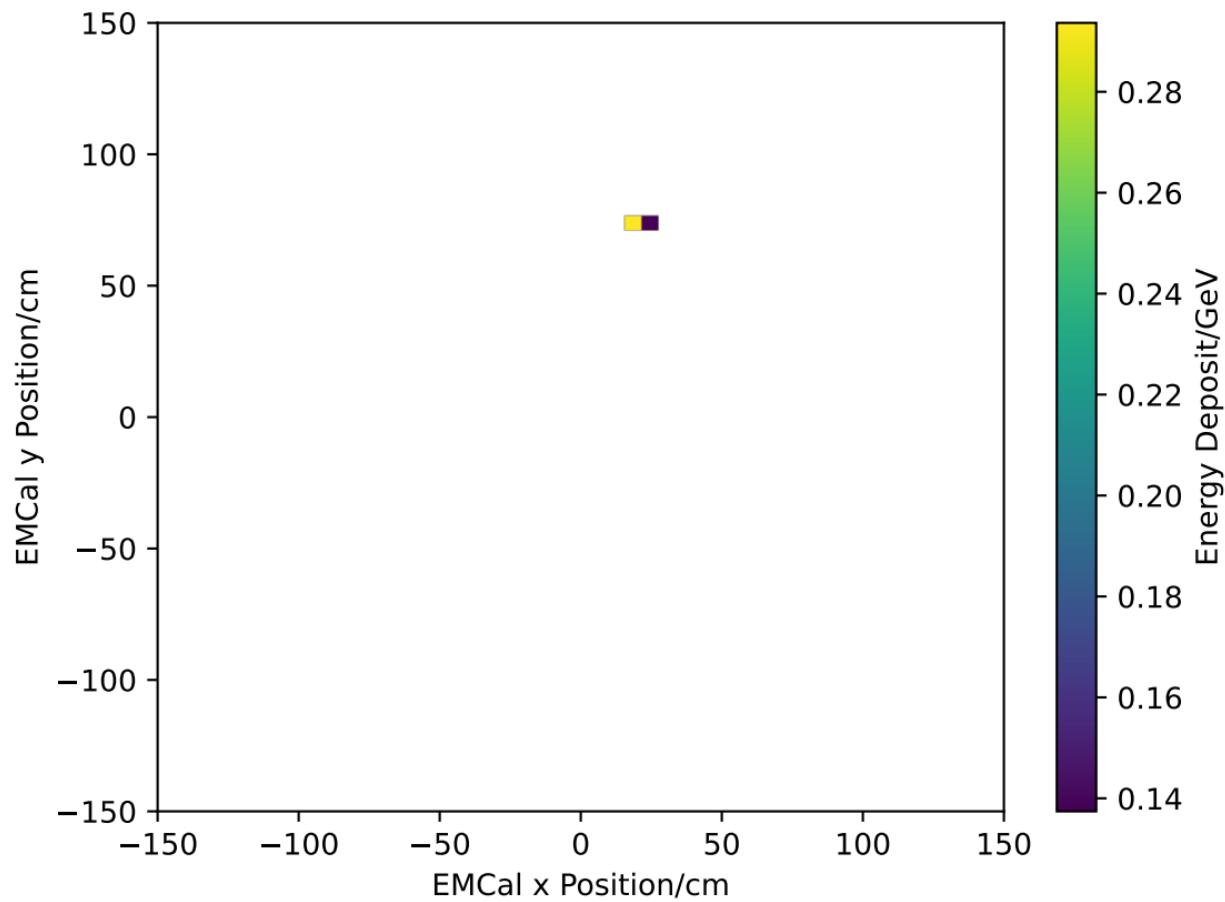












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm

Energy Deposit/GeV

0.52

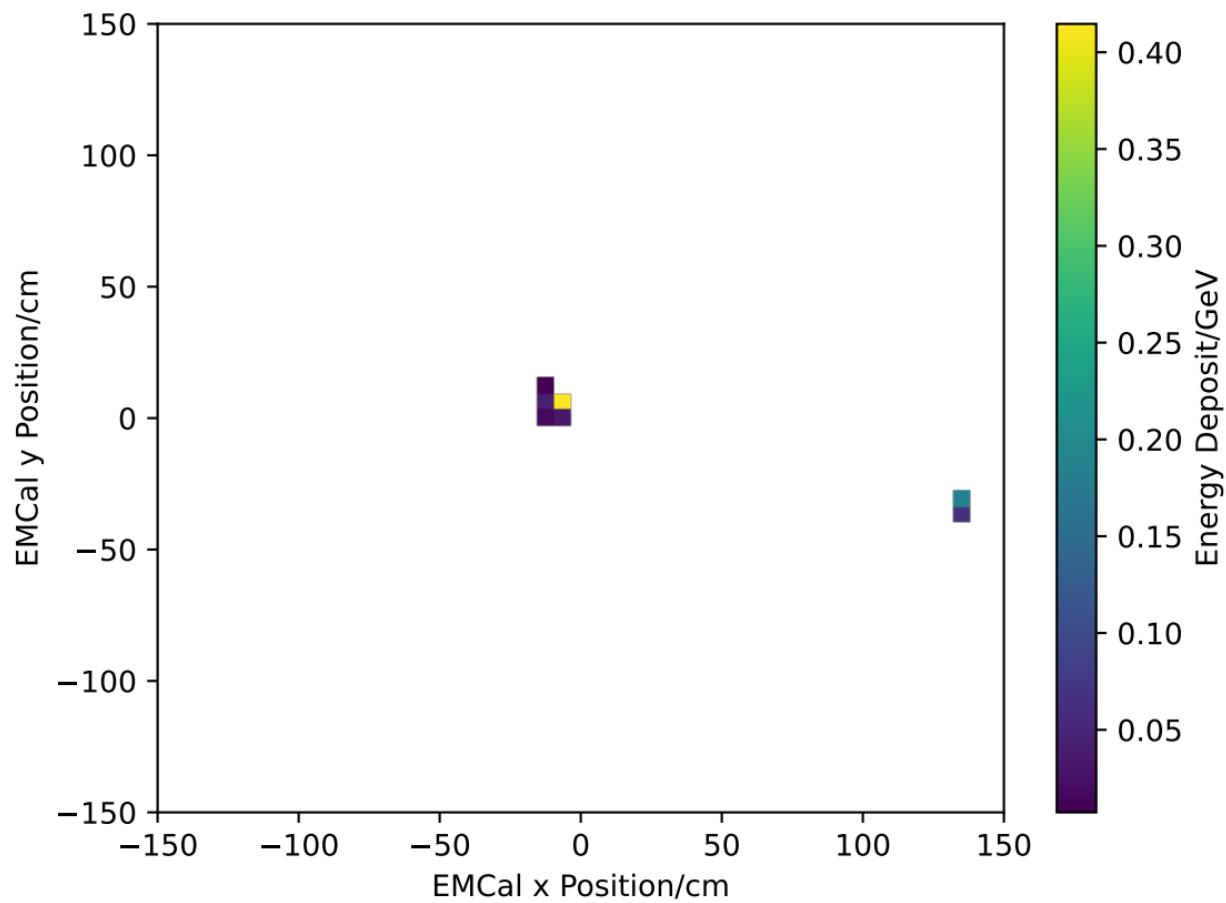
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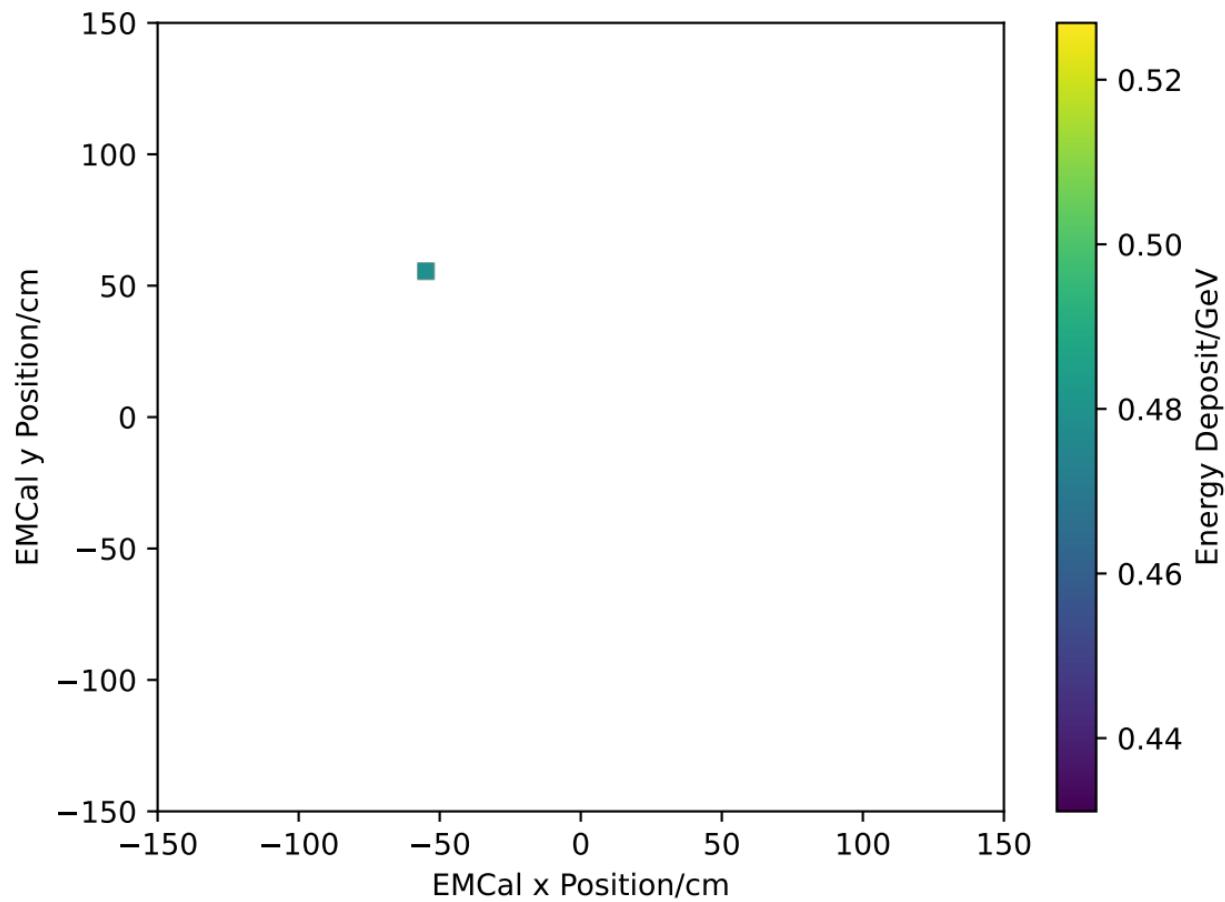
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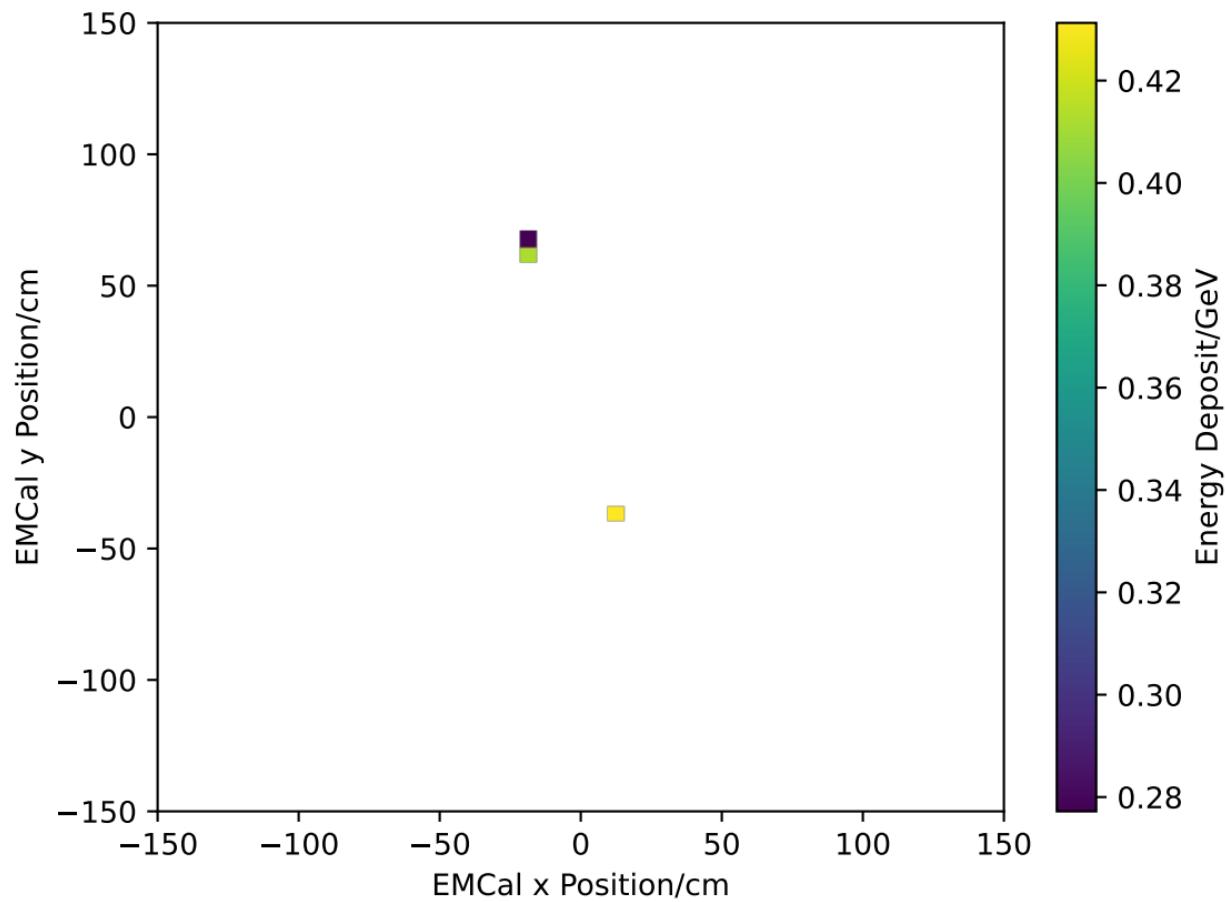
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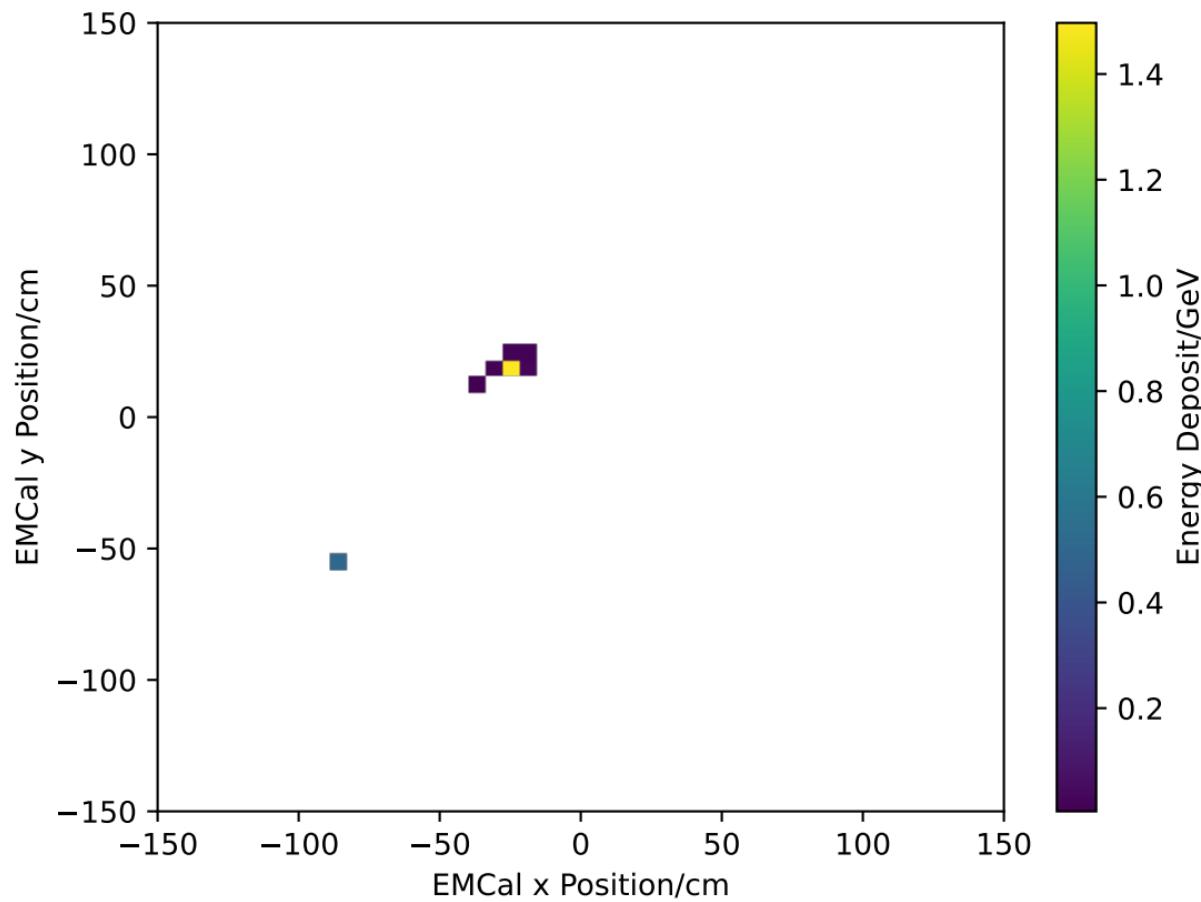
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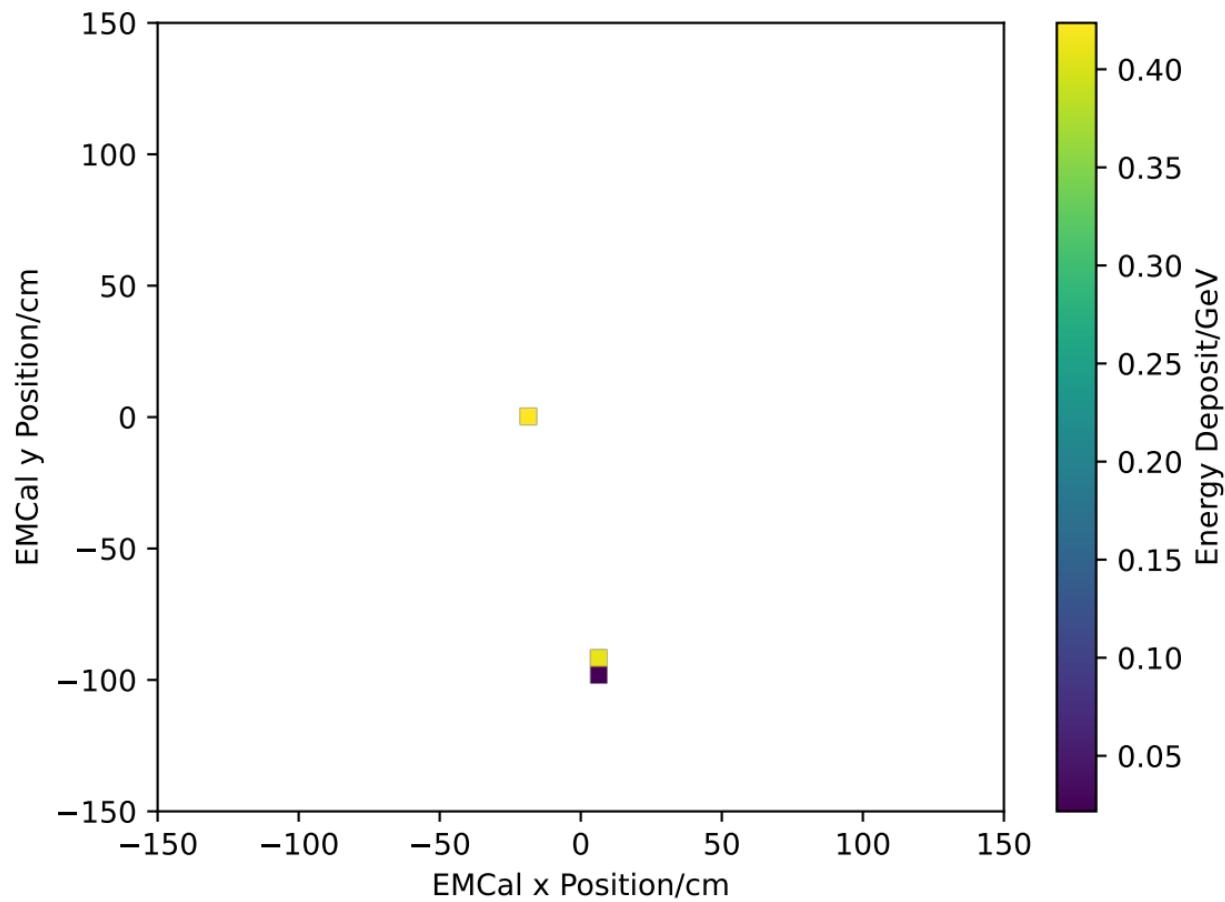












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

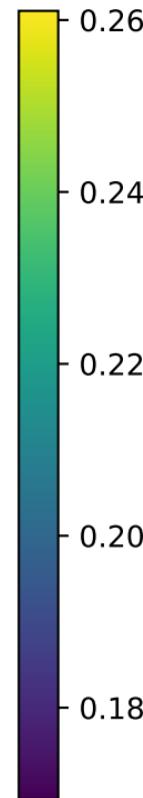
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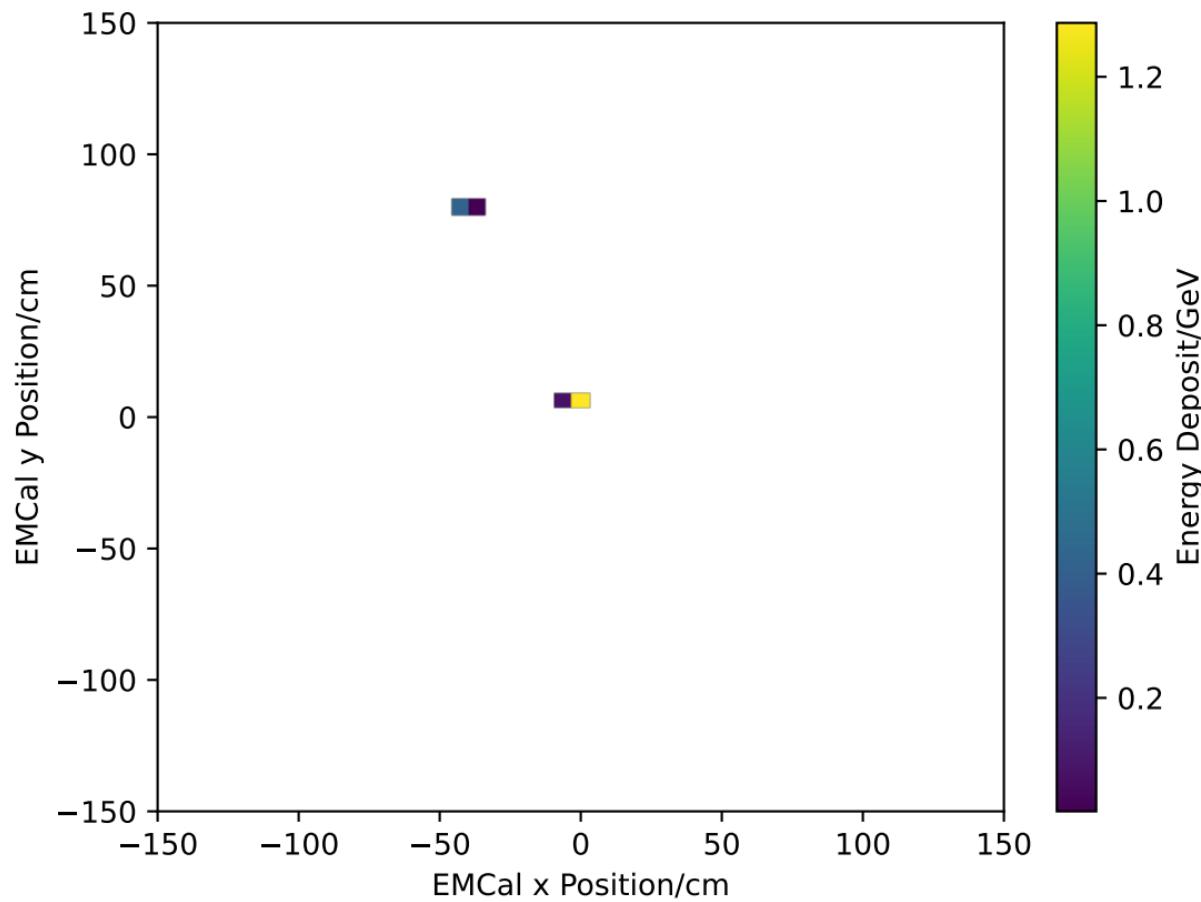
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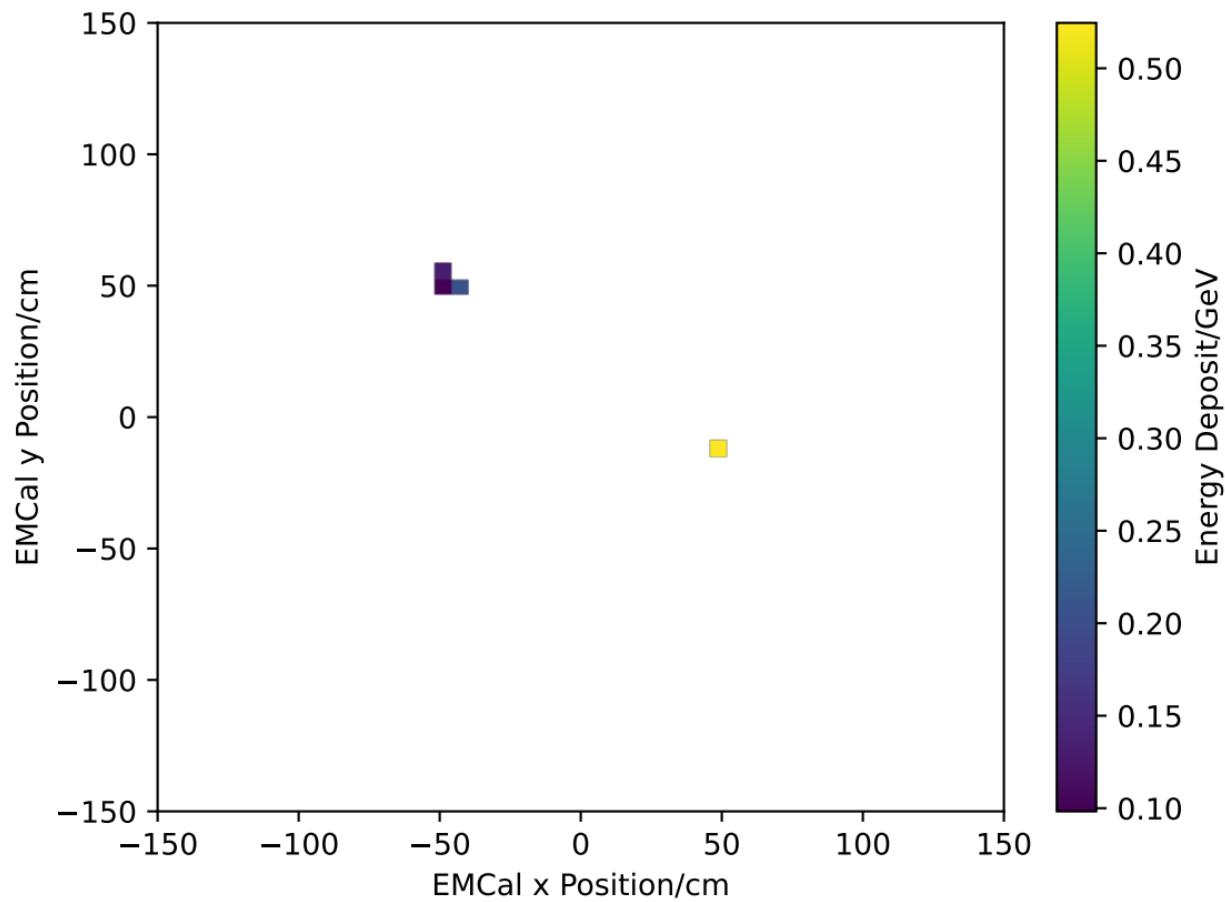
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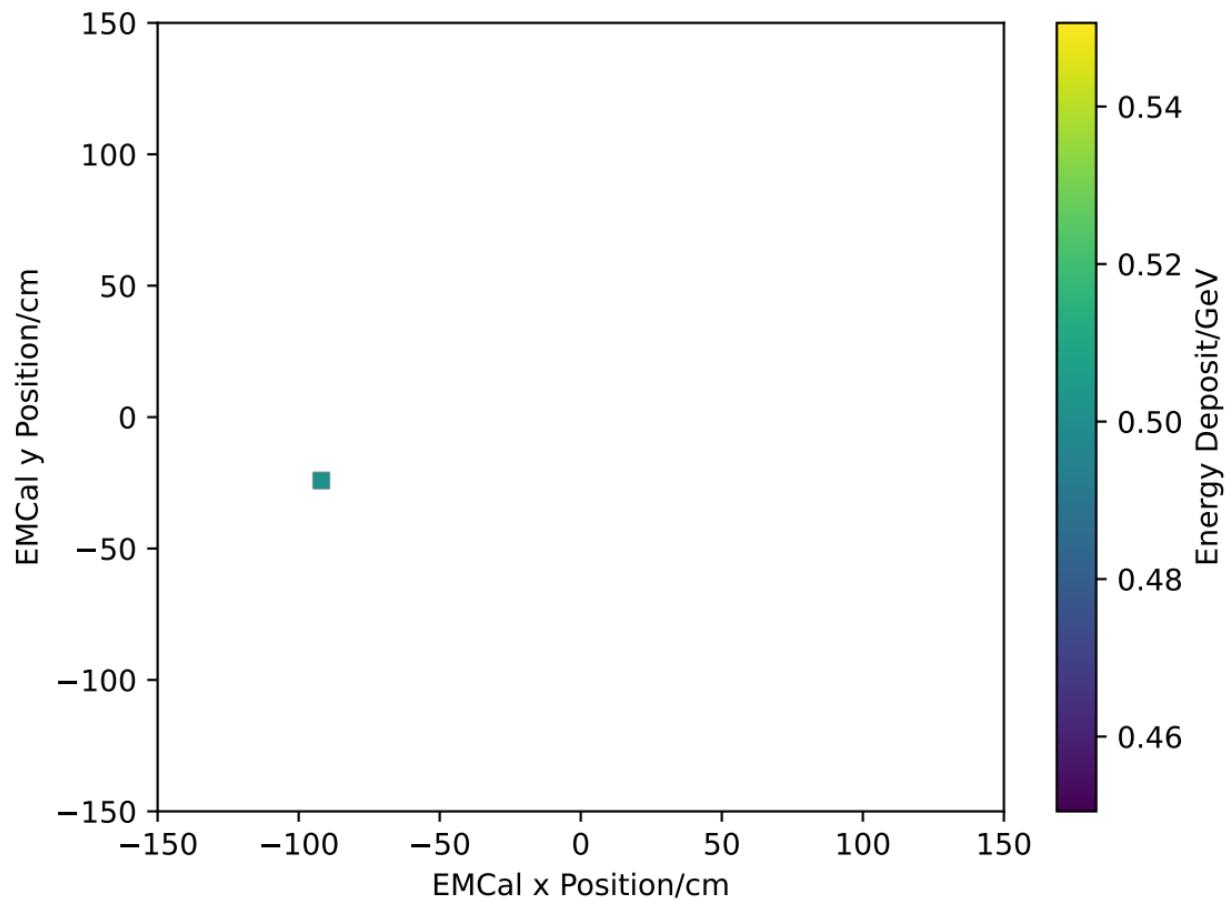
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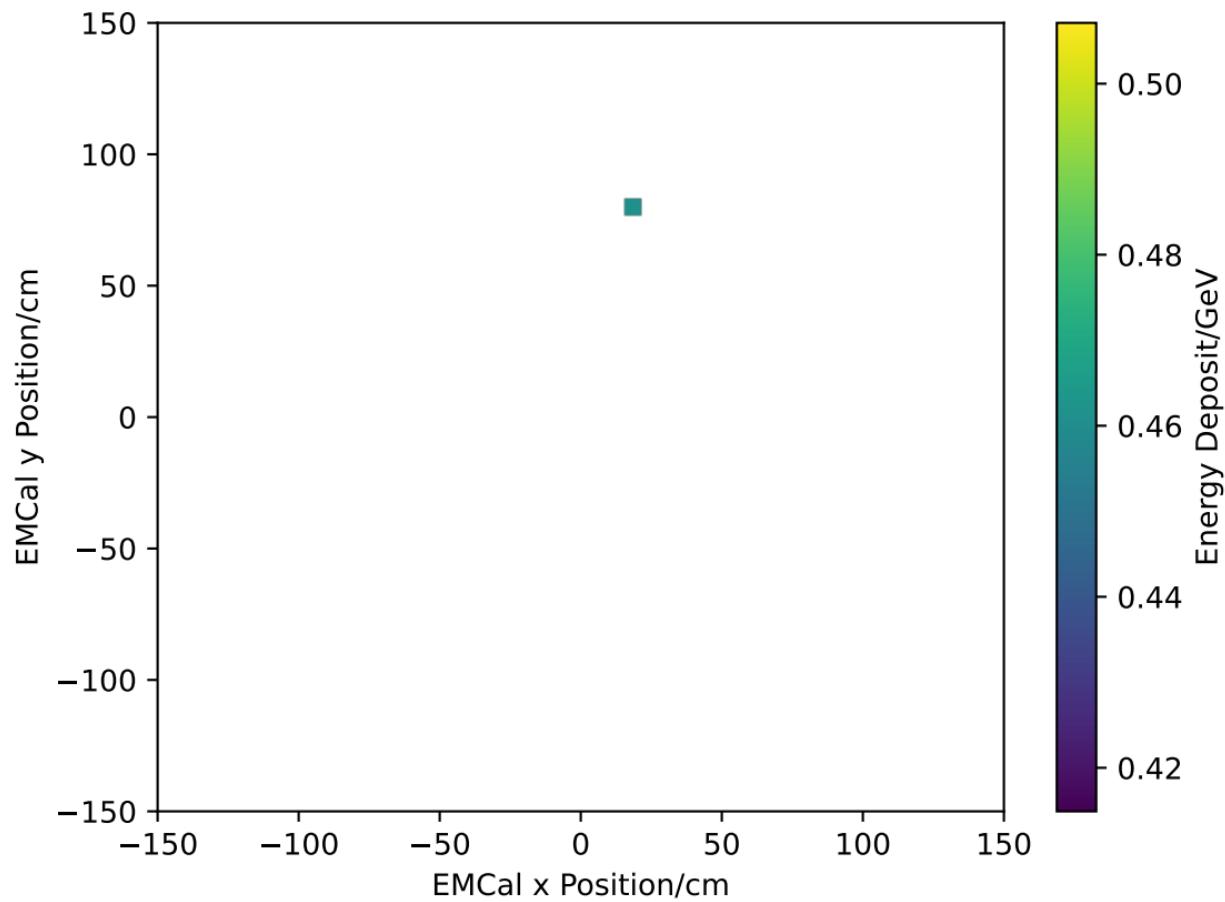
EMCal x Position/cm

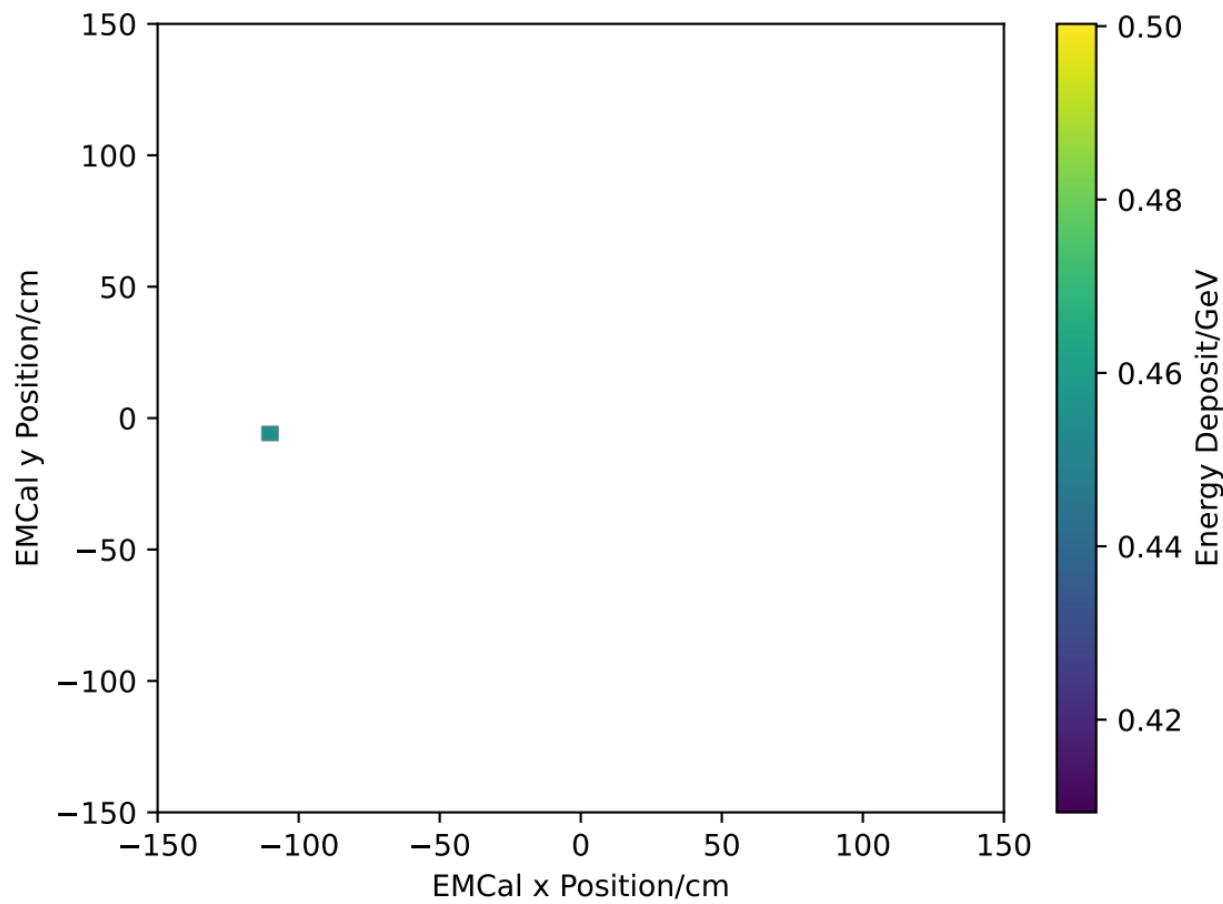




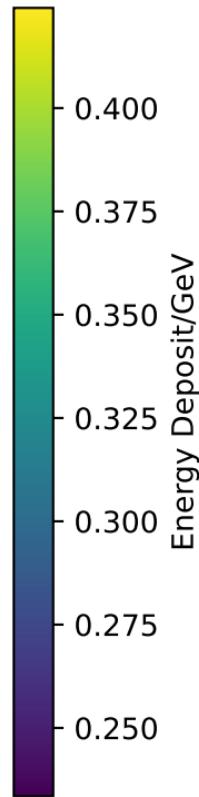
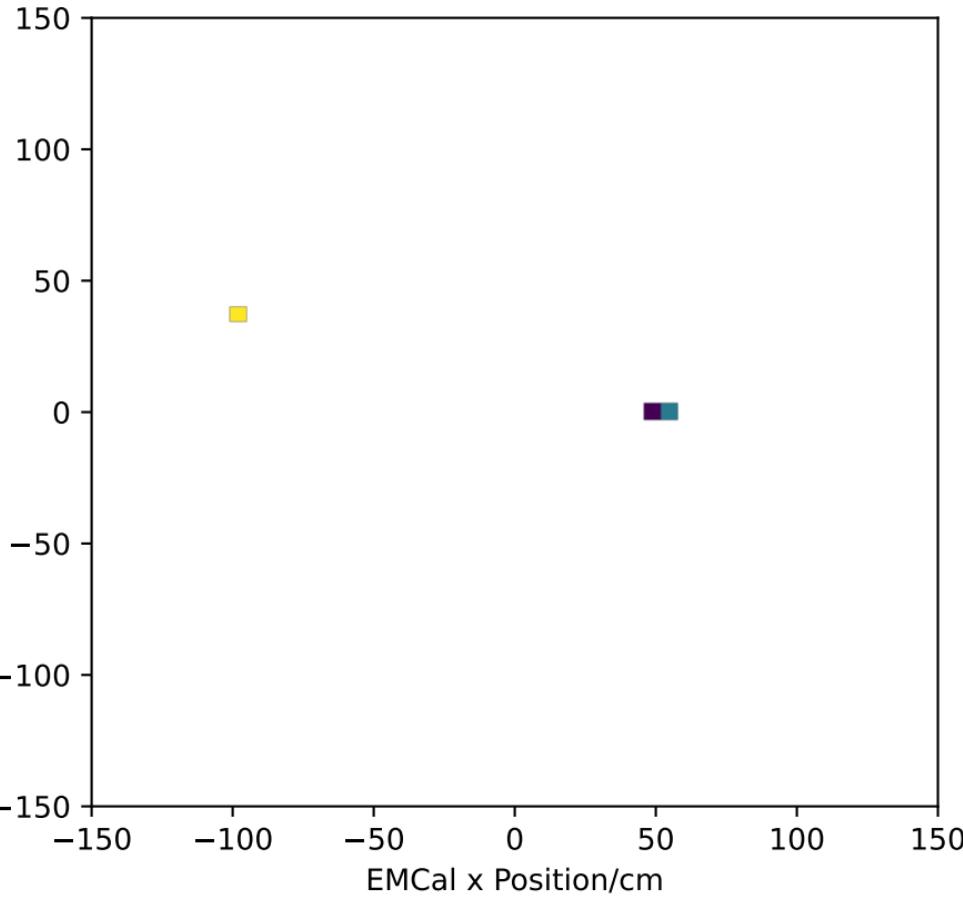


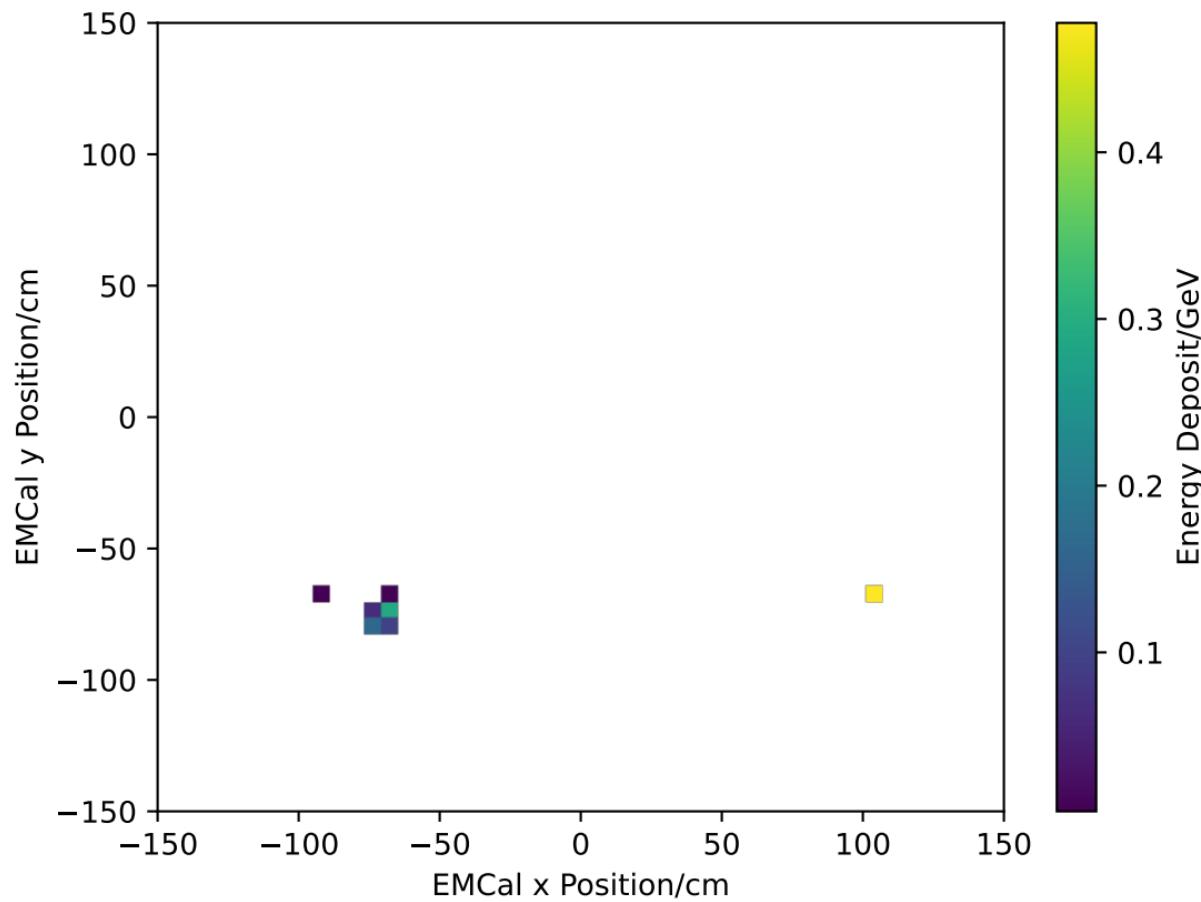


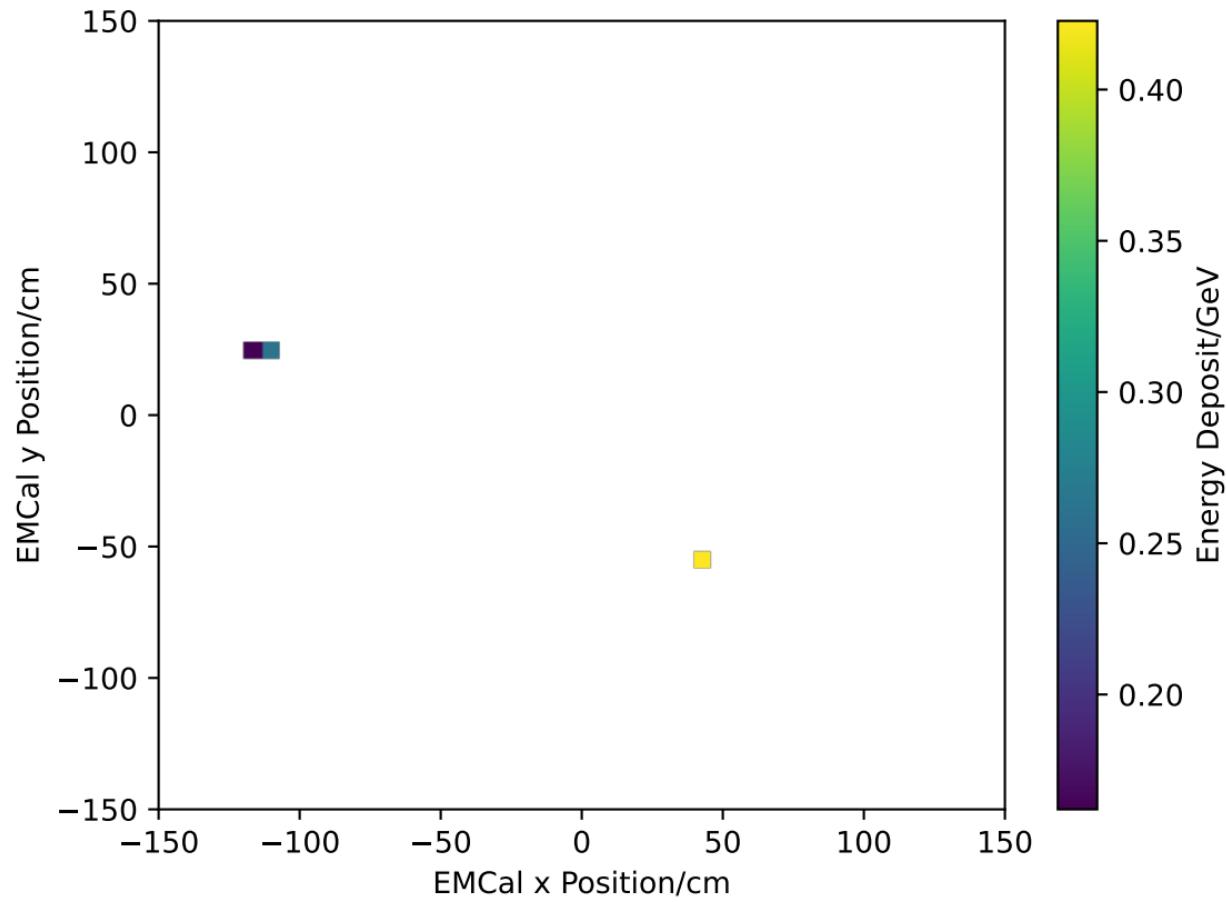


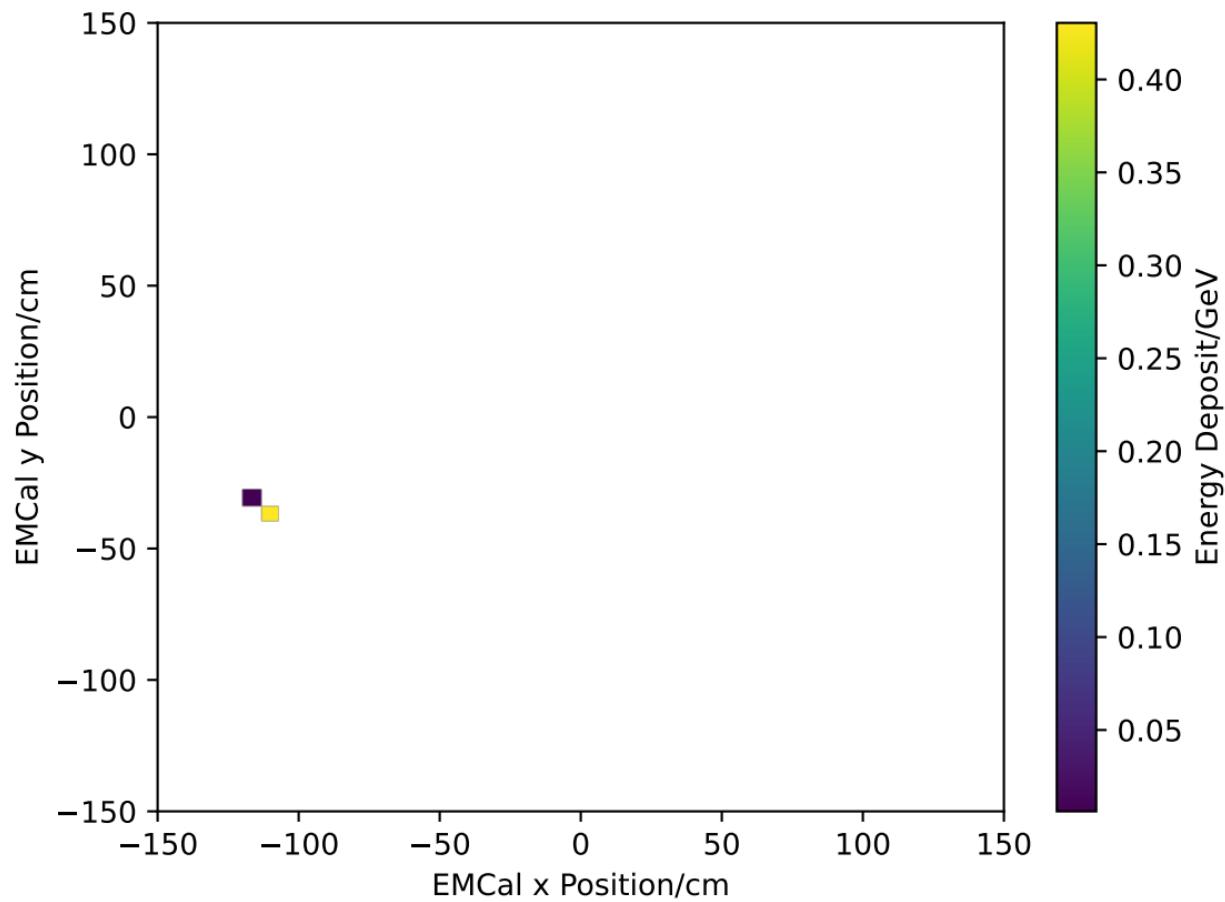


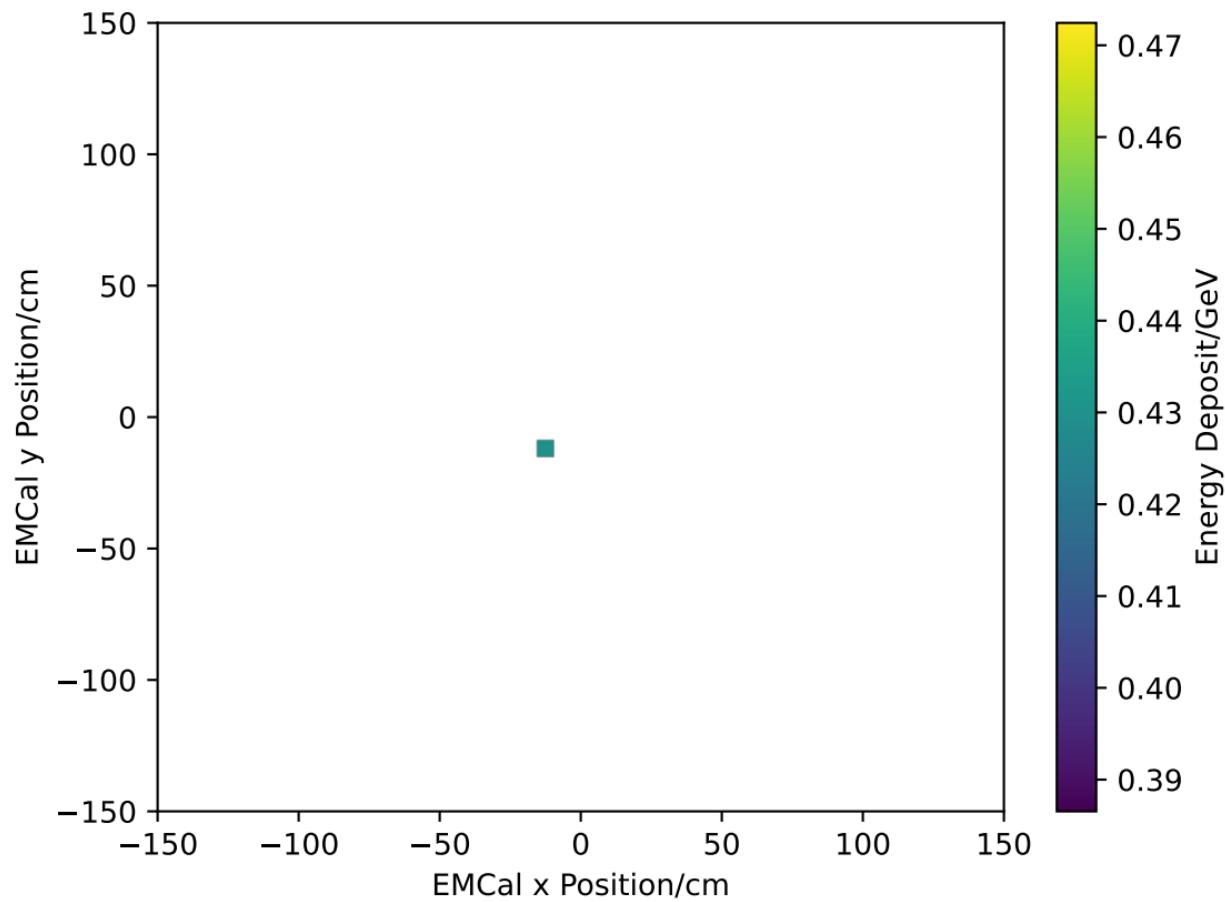
EMCal y Position/cm

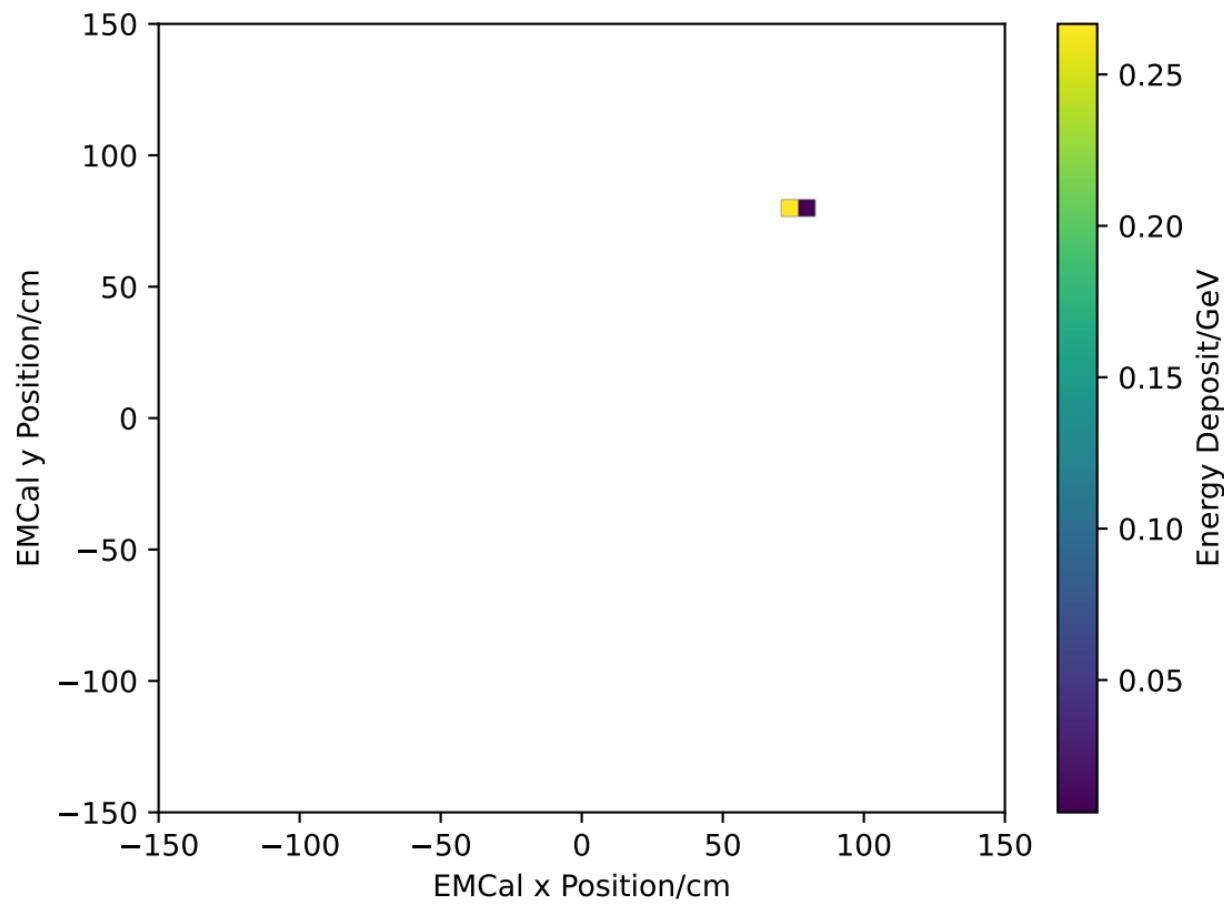


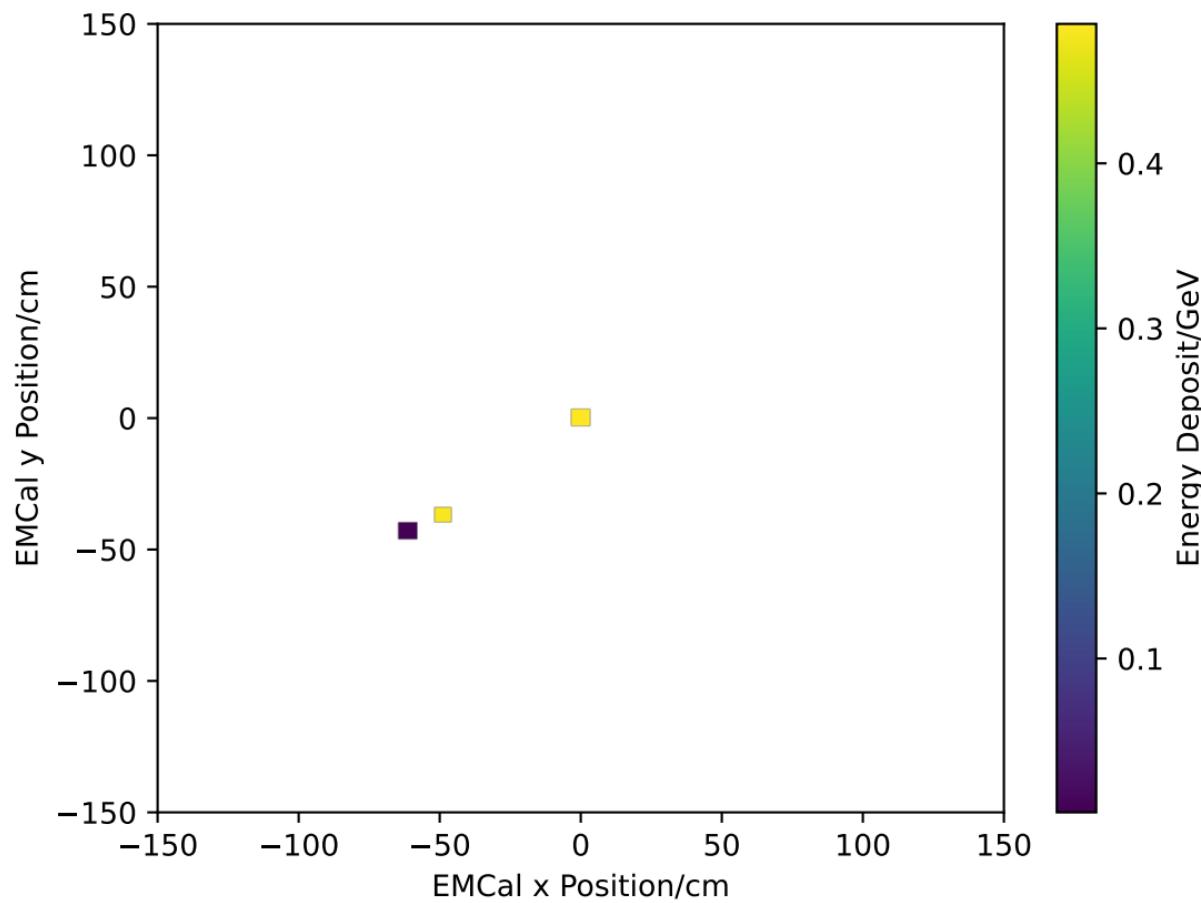




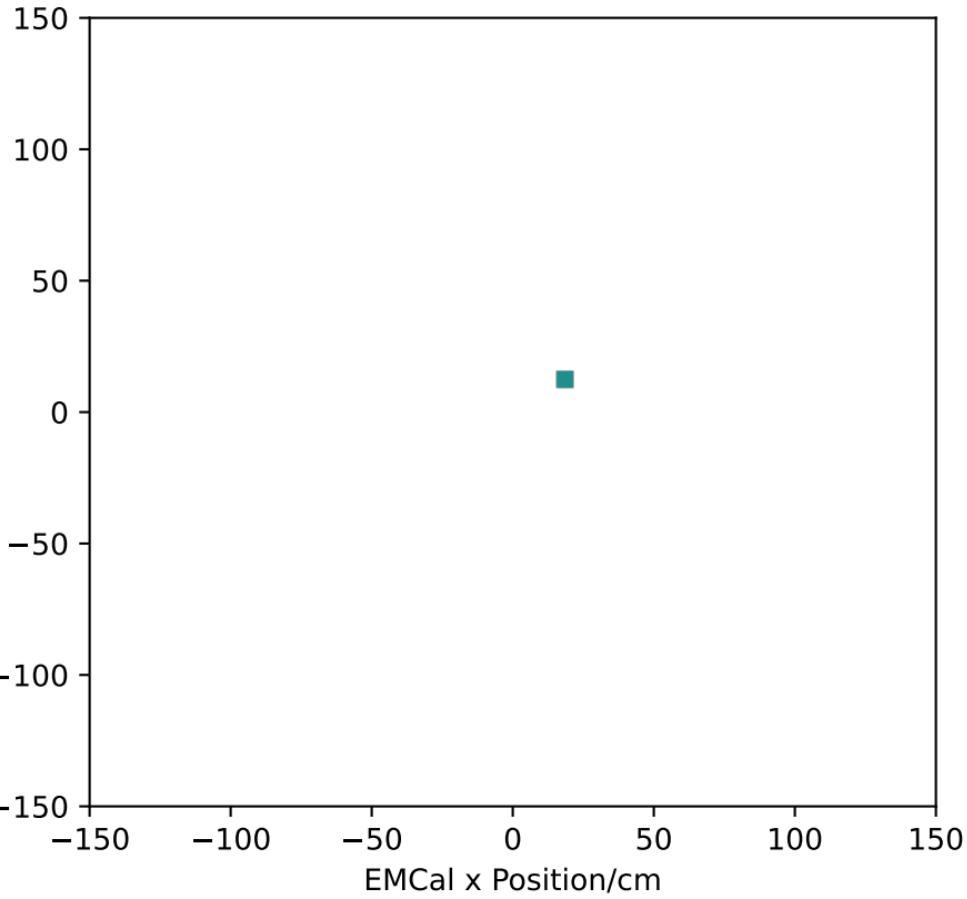






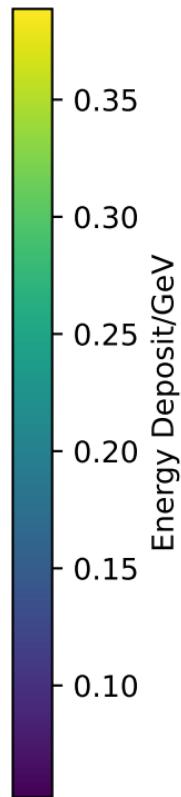
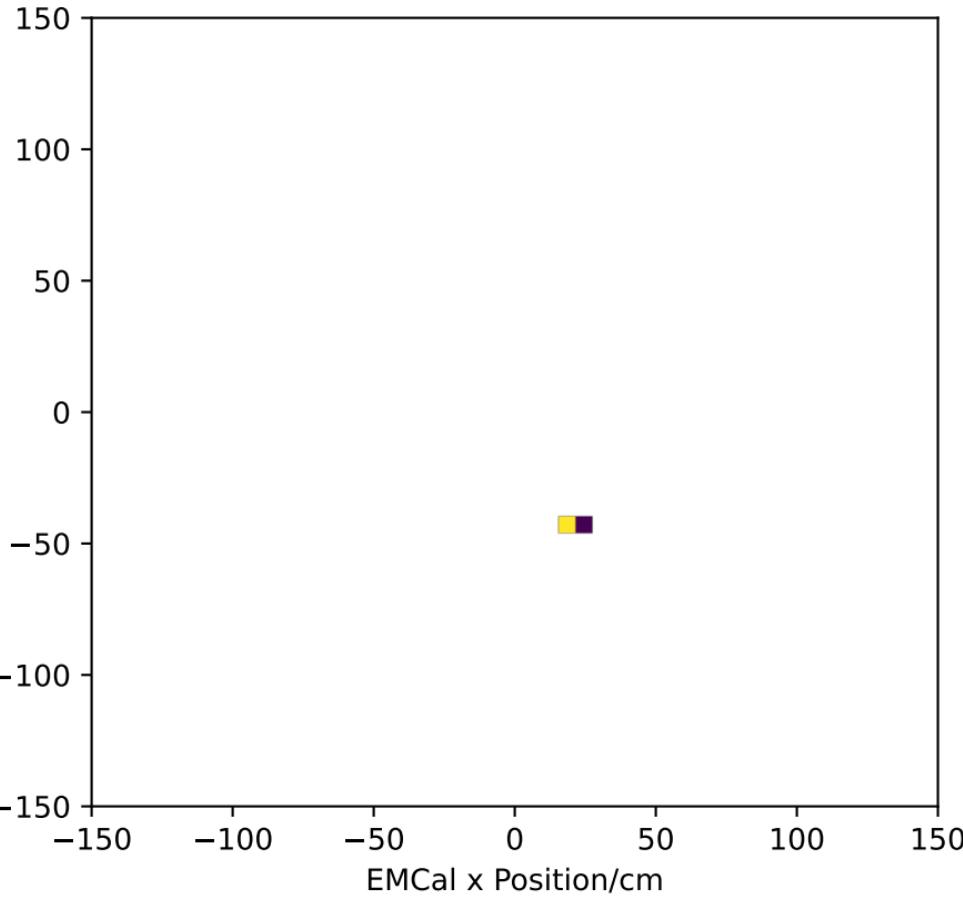


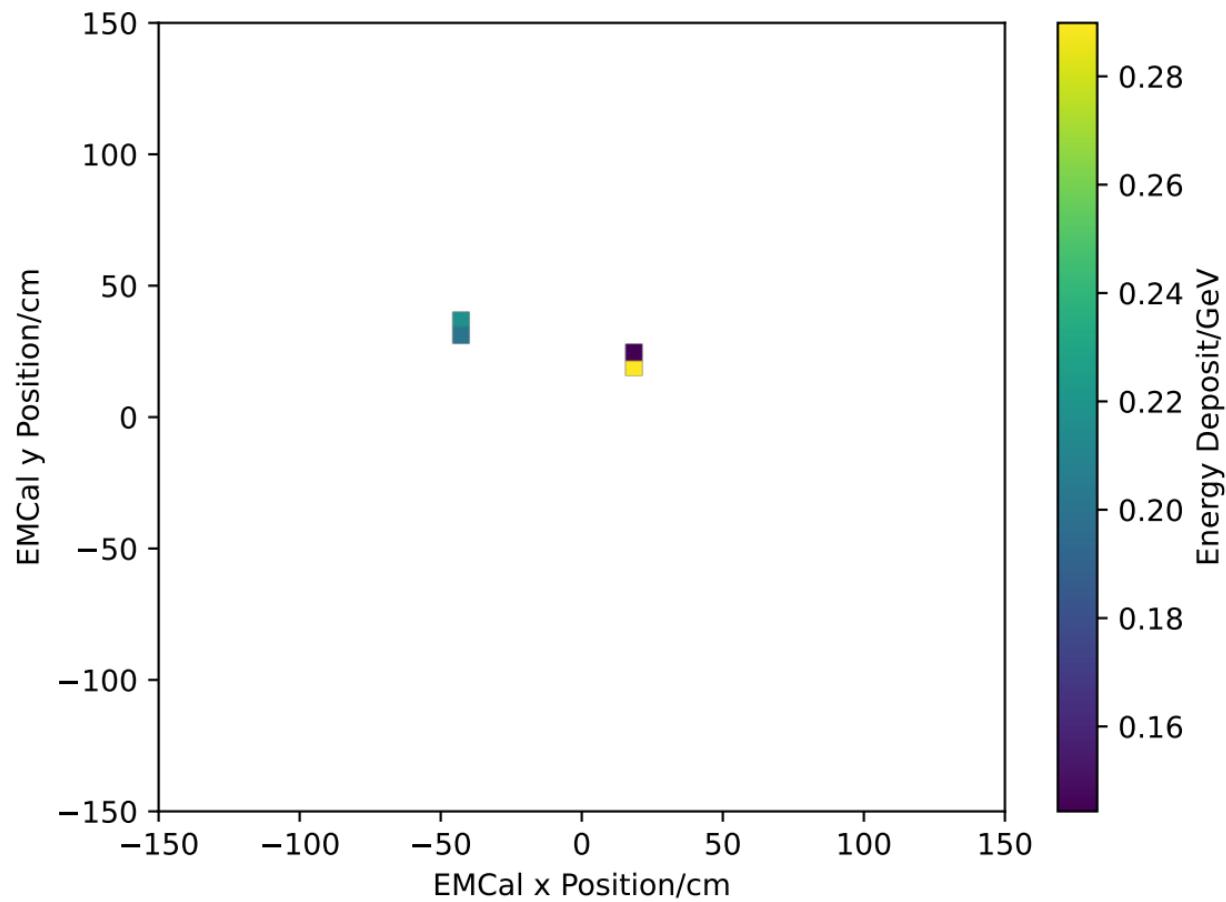
EMCal y Position/cm

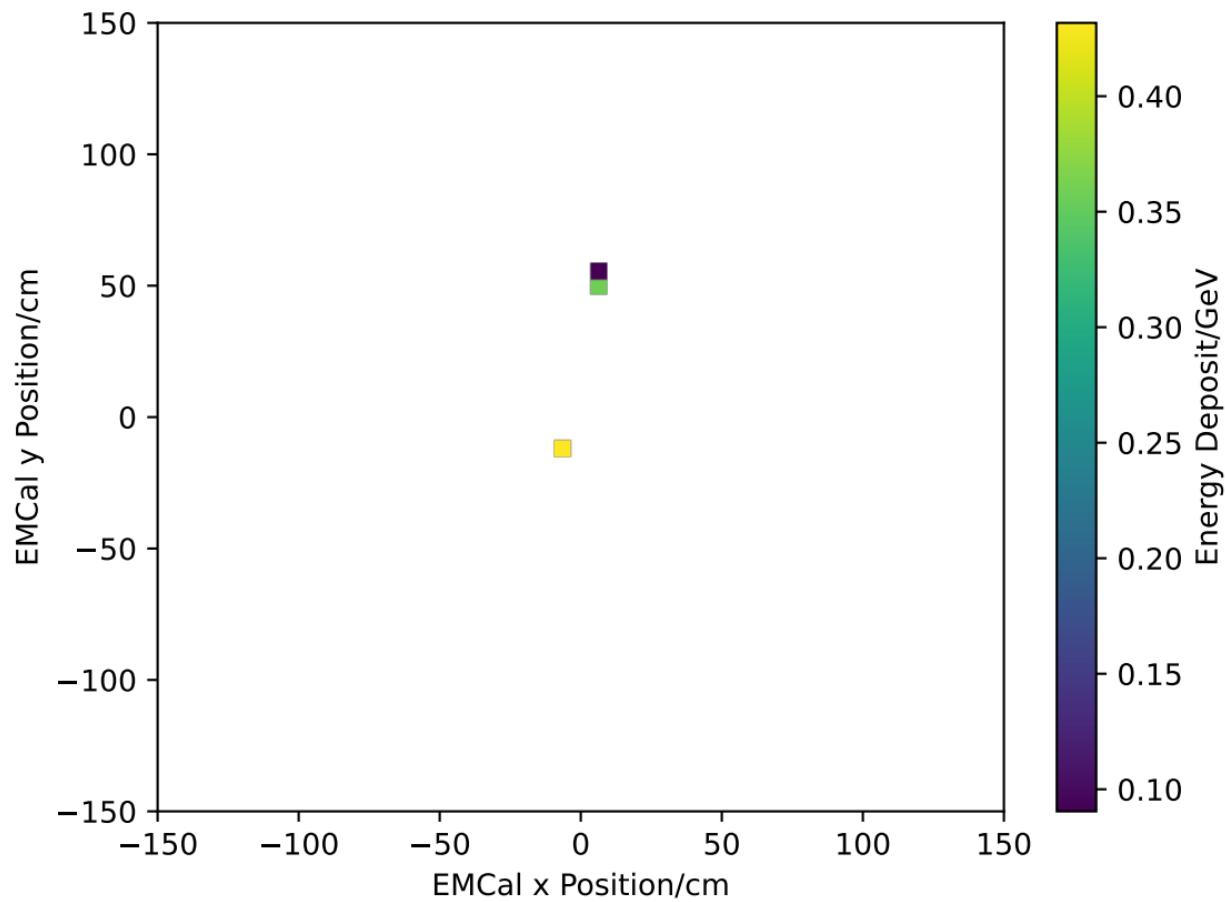


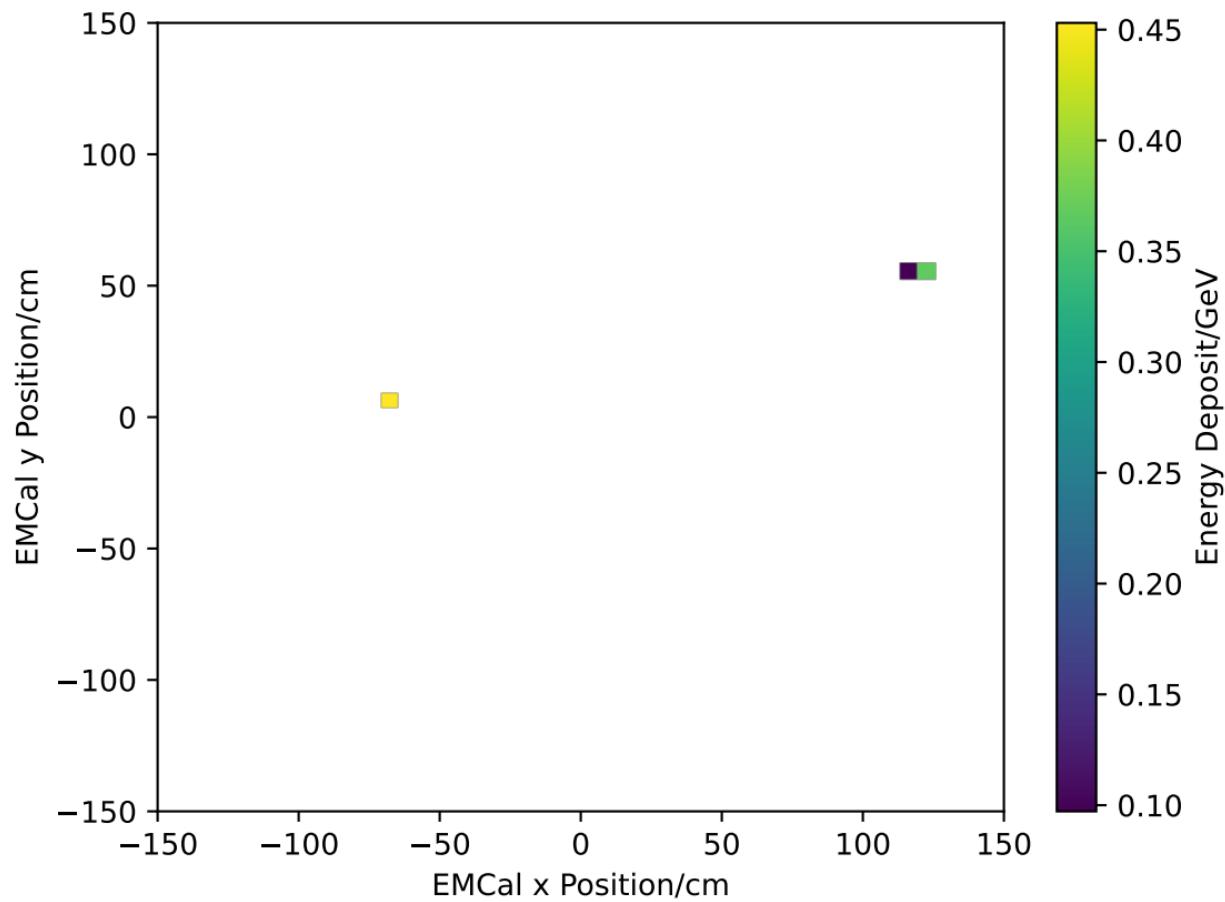
Energy Deposit/GeV

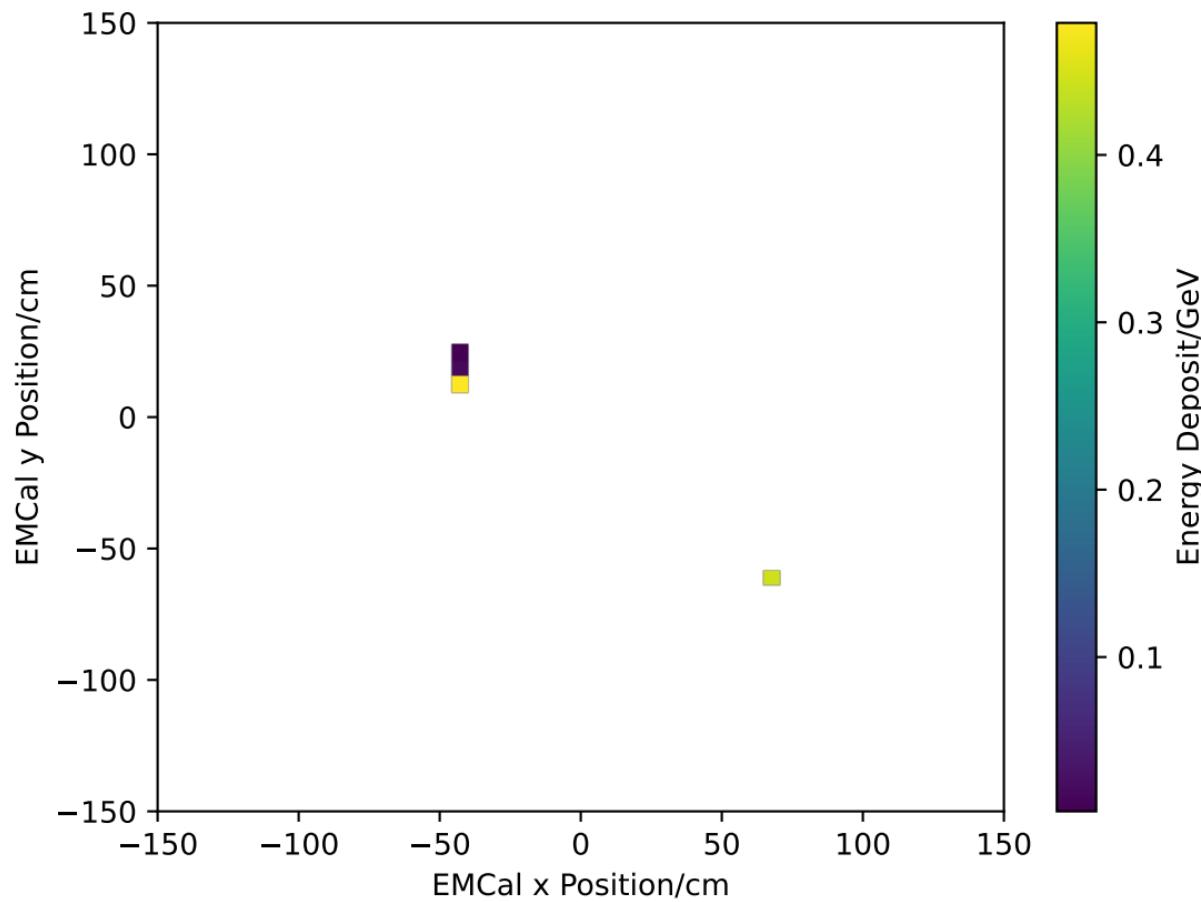
EMCal y Position/cm

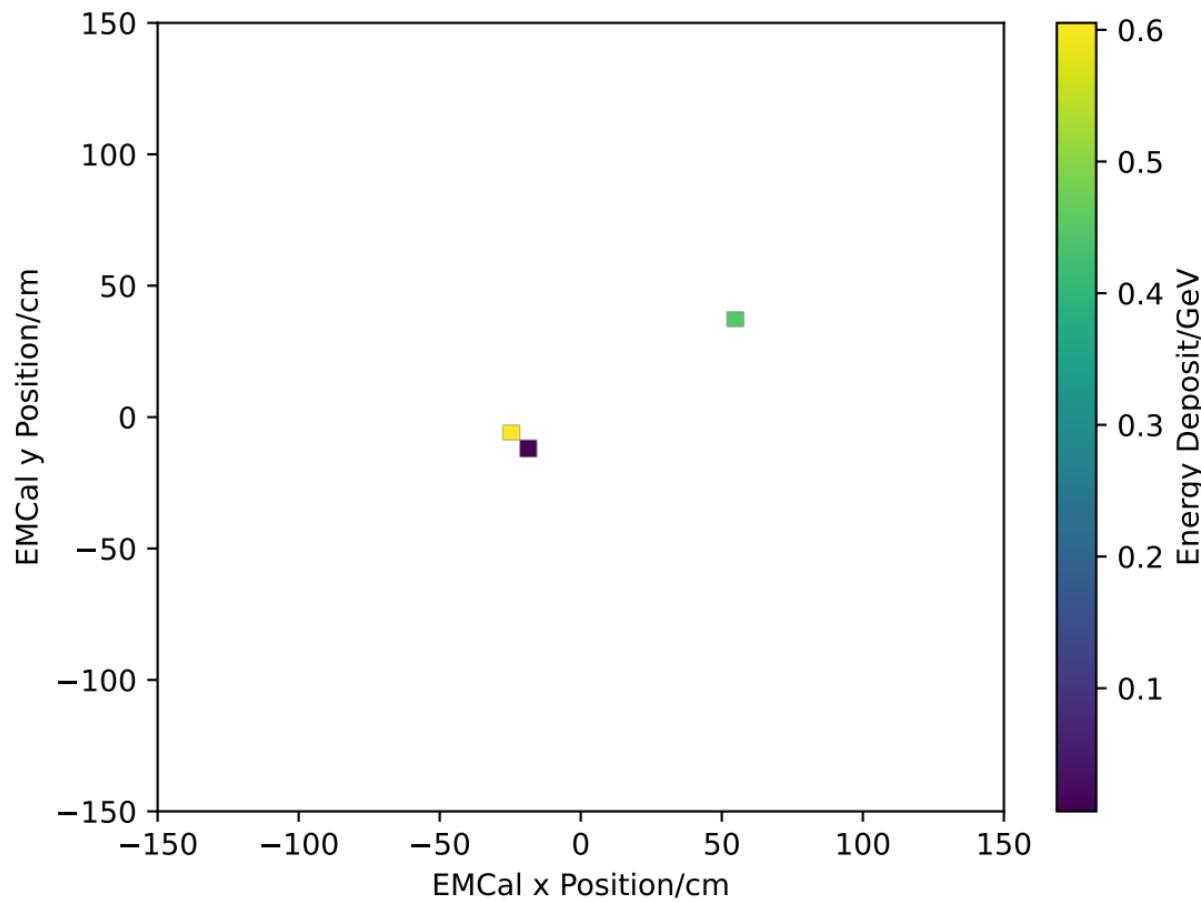


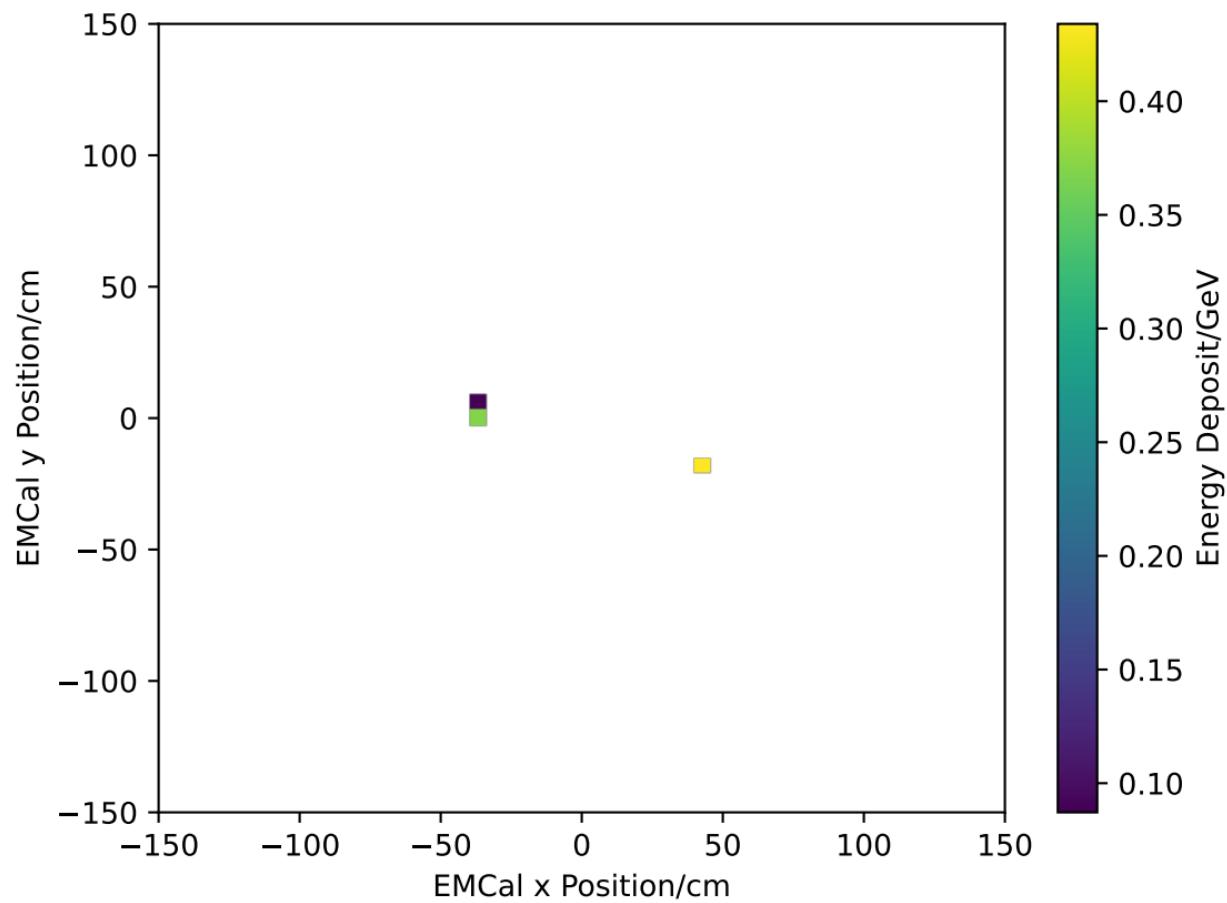


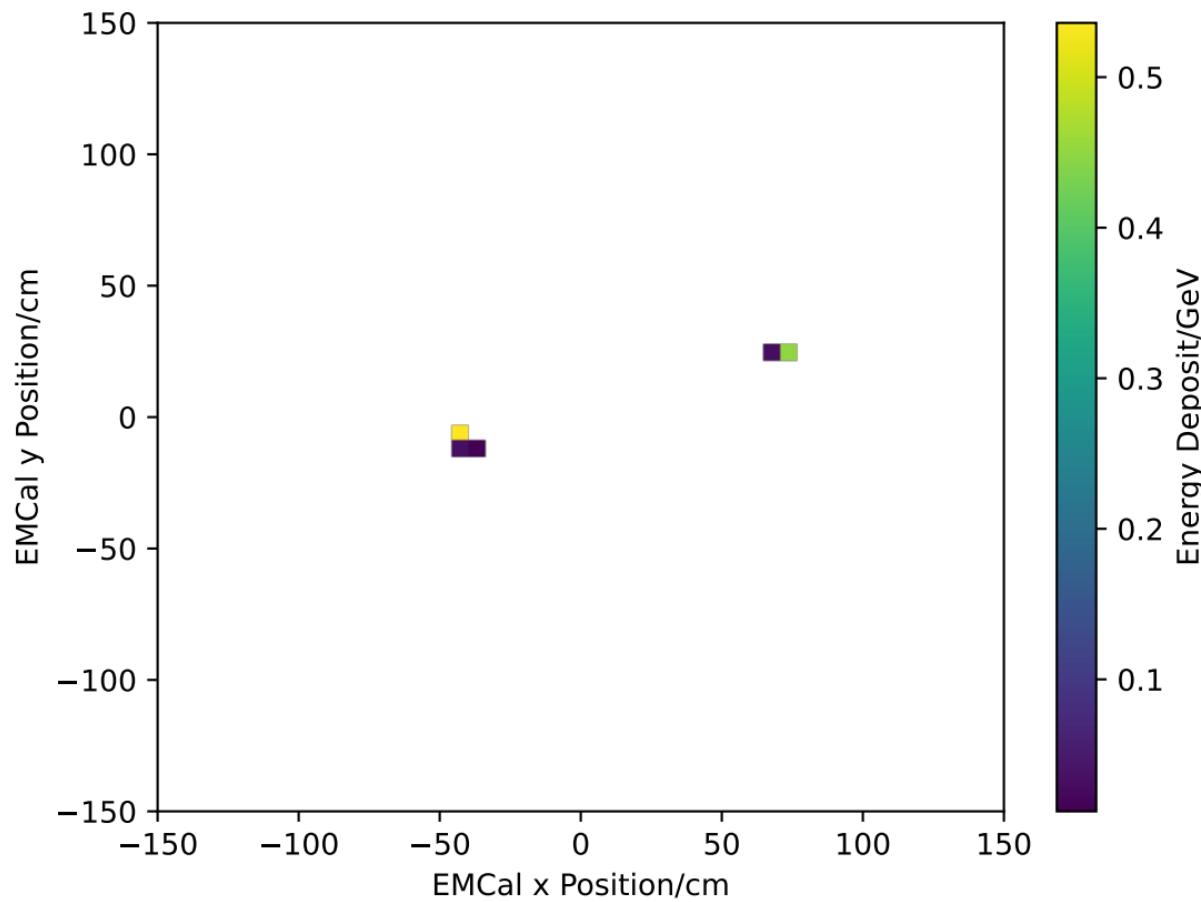


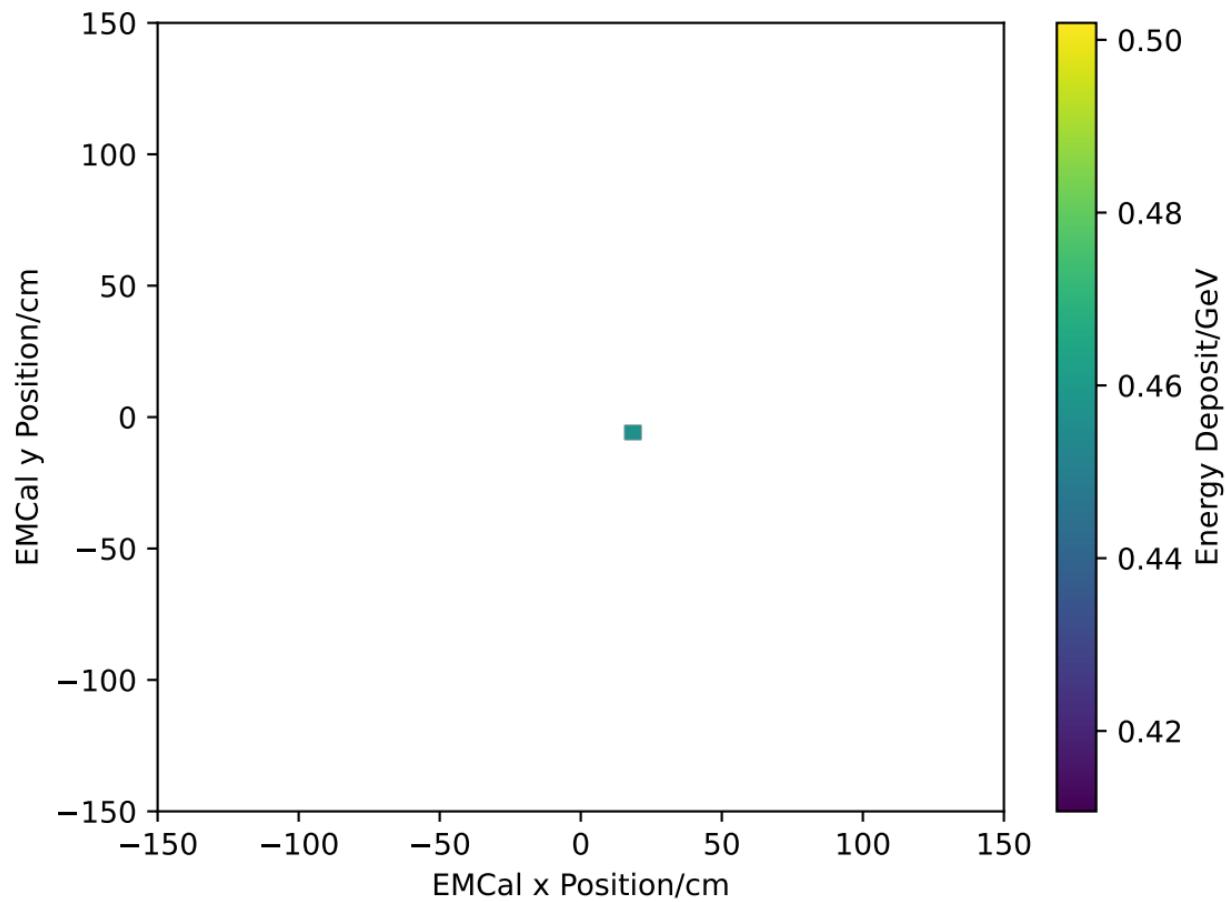


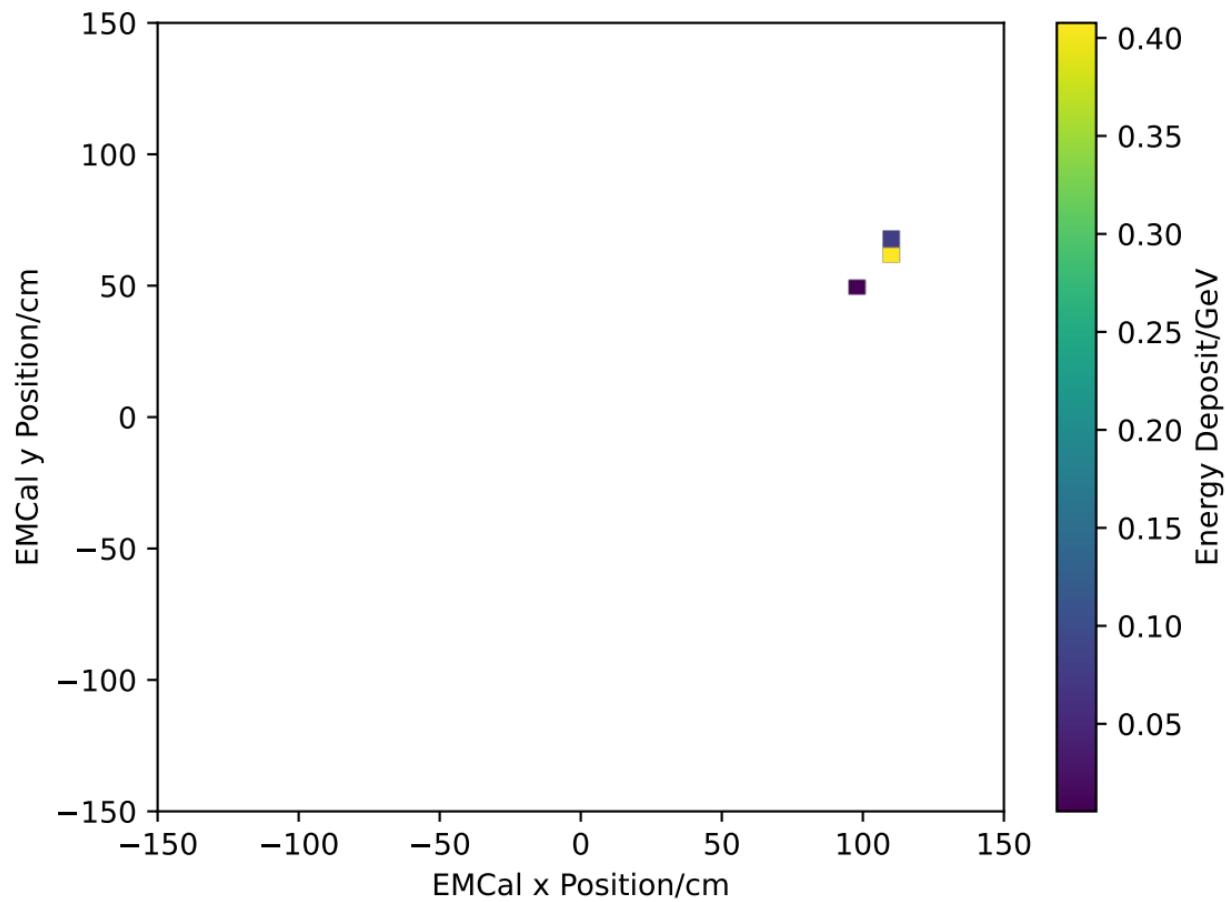


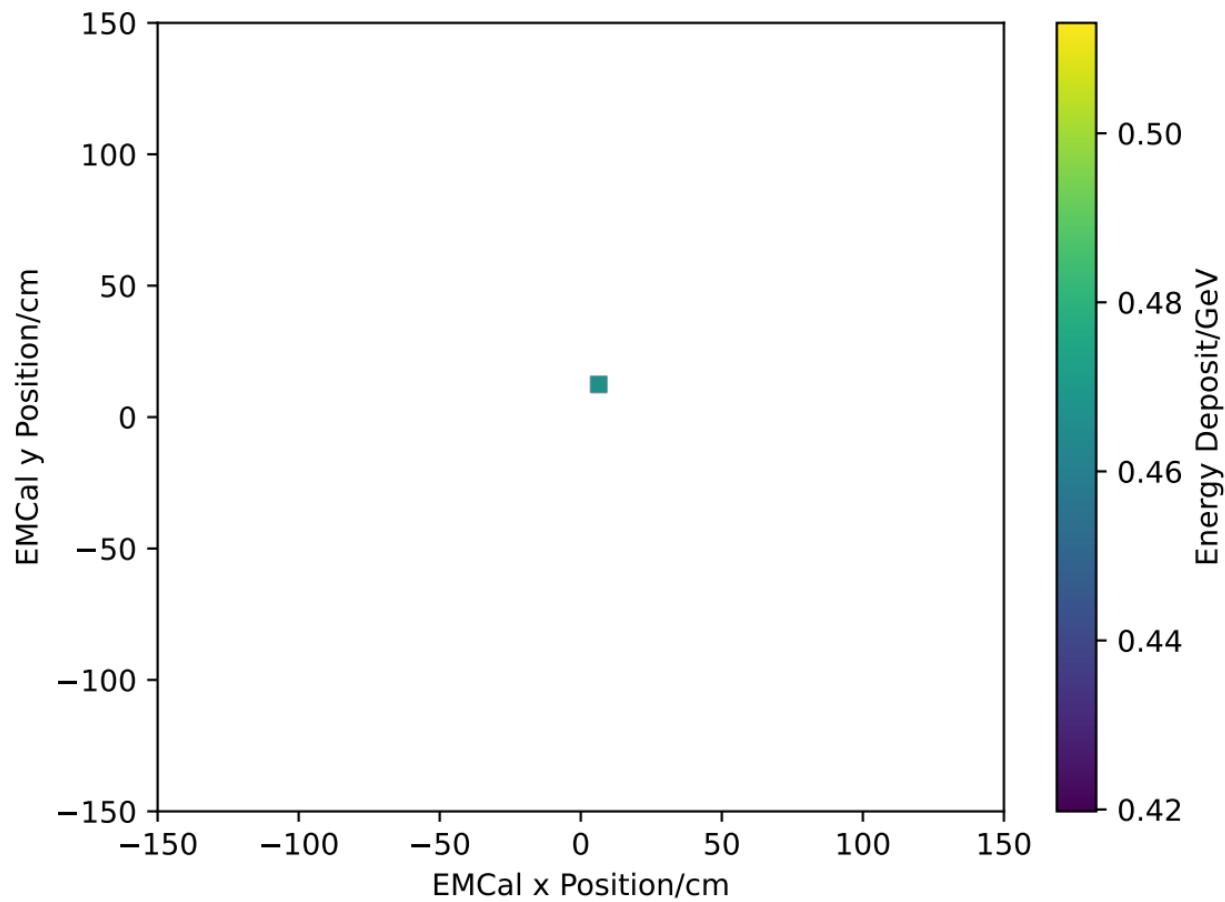












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

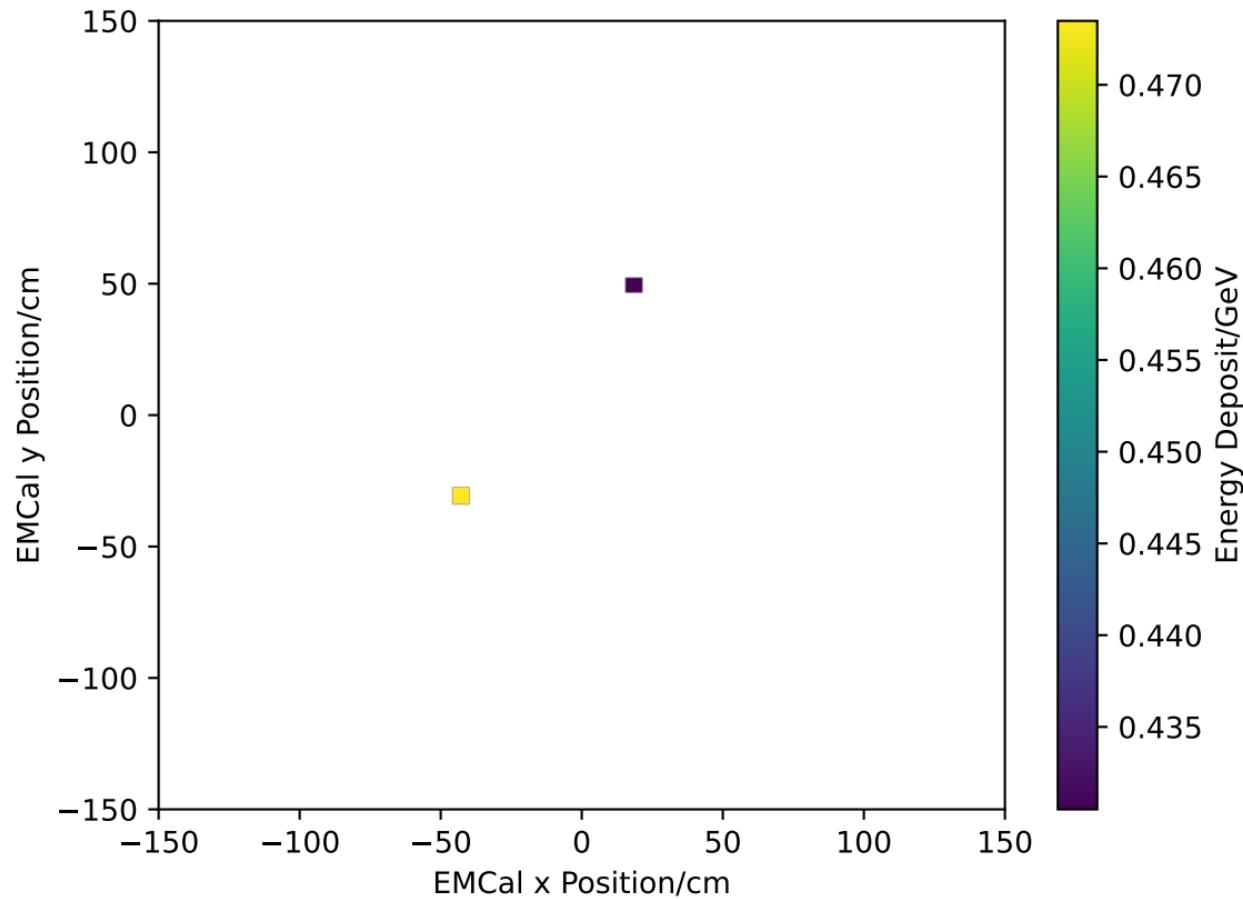
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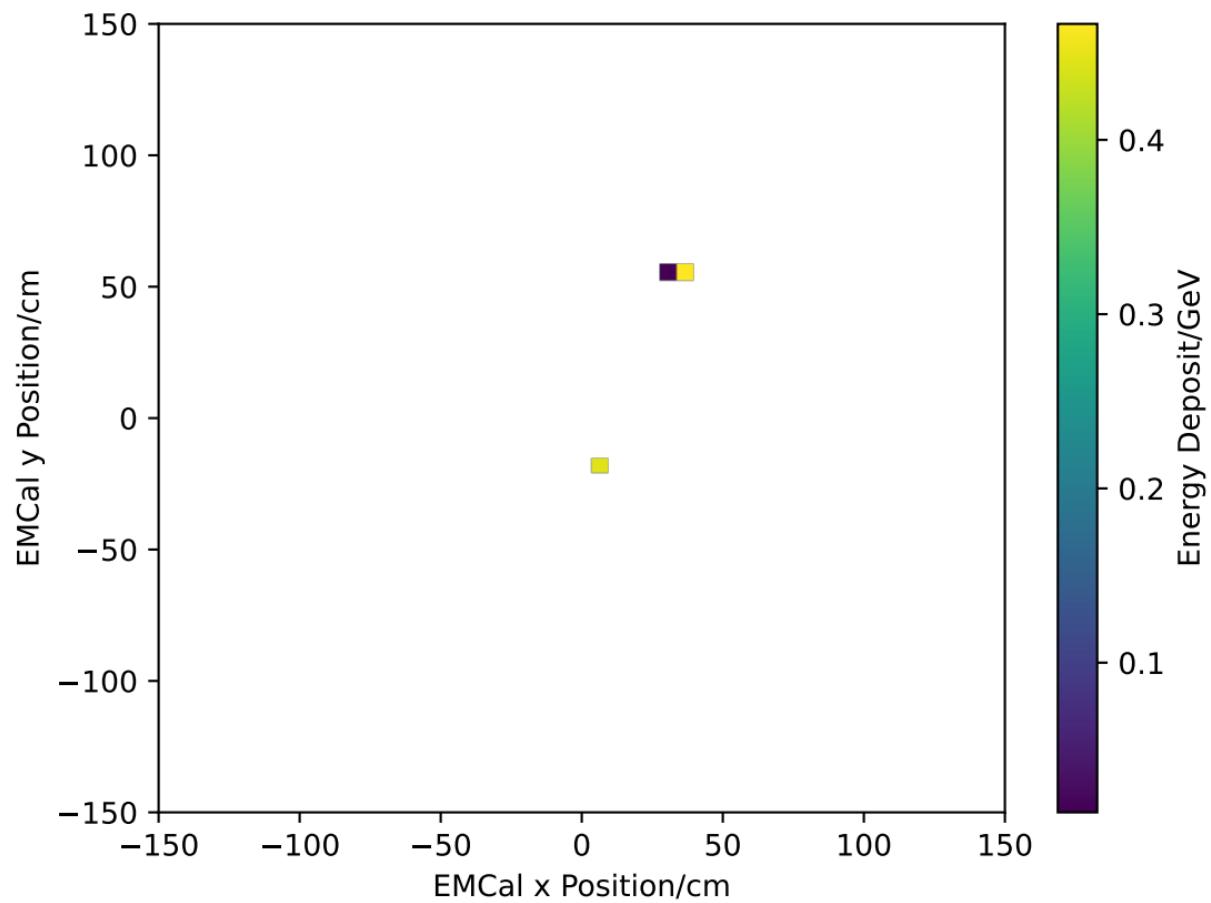
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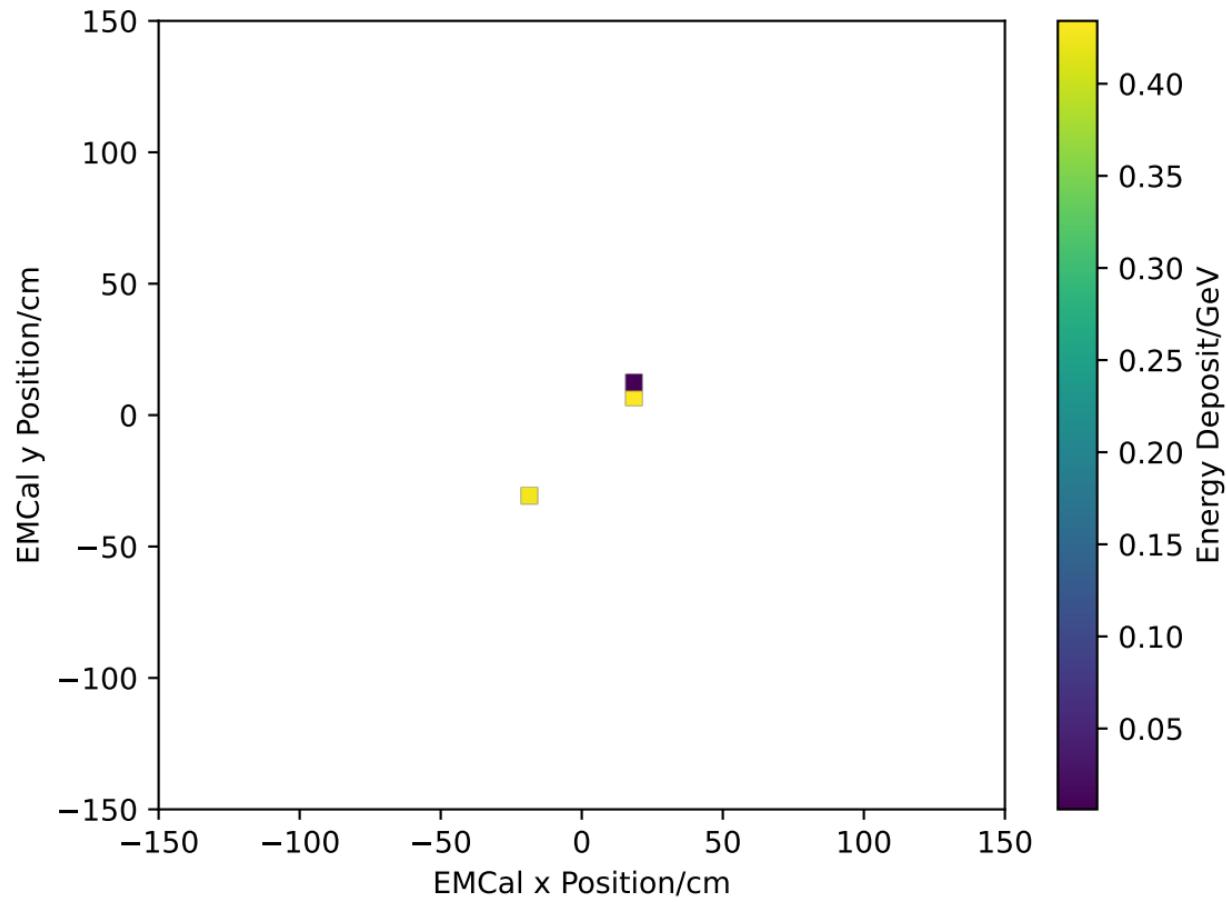
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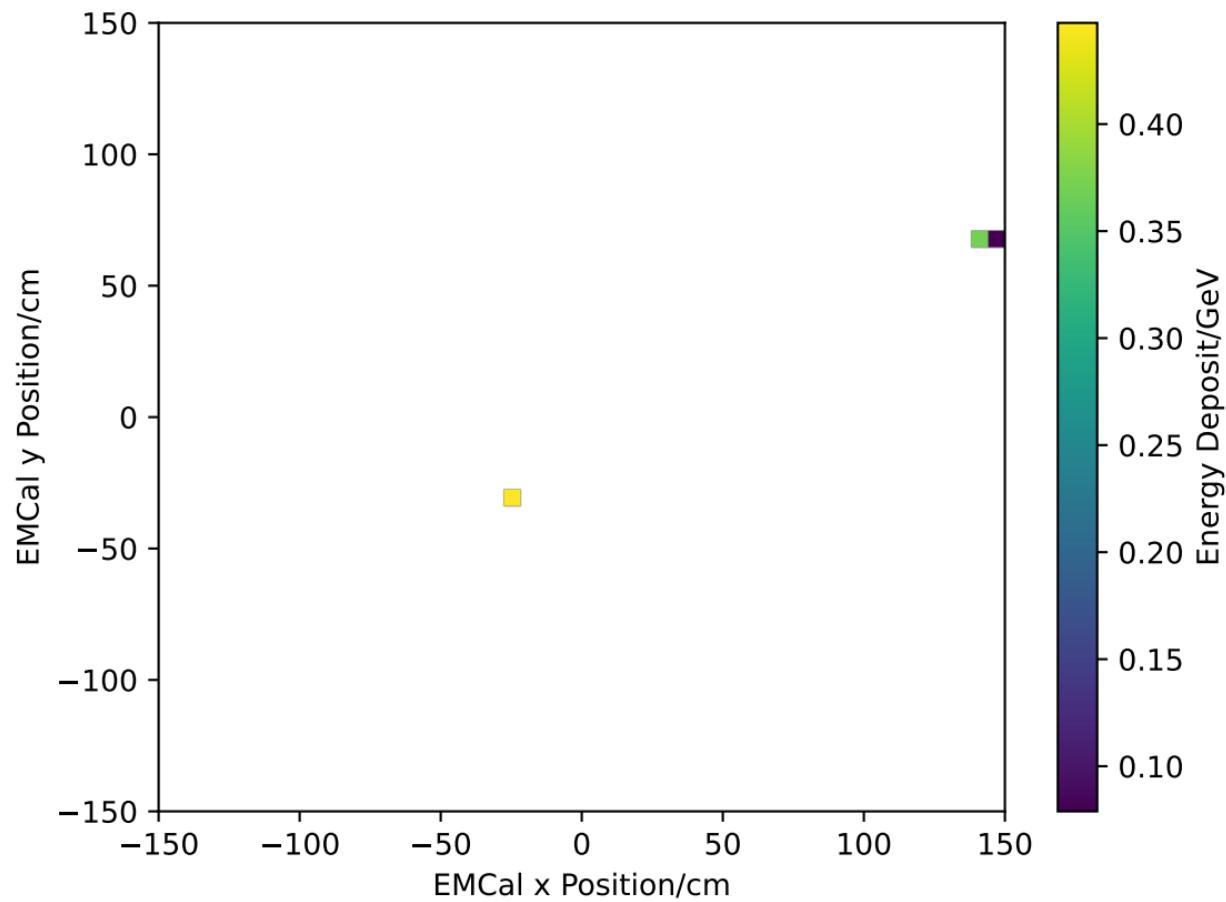
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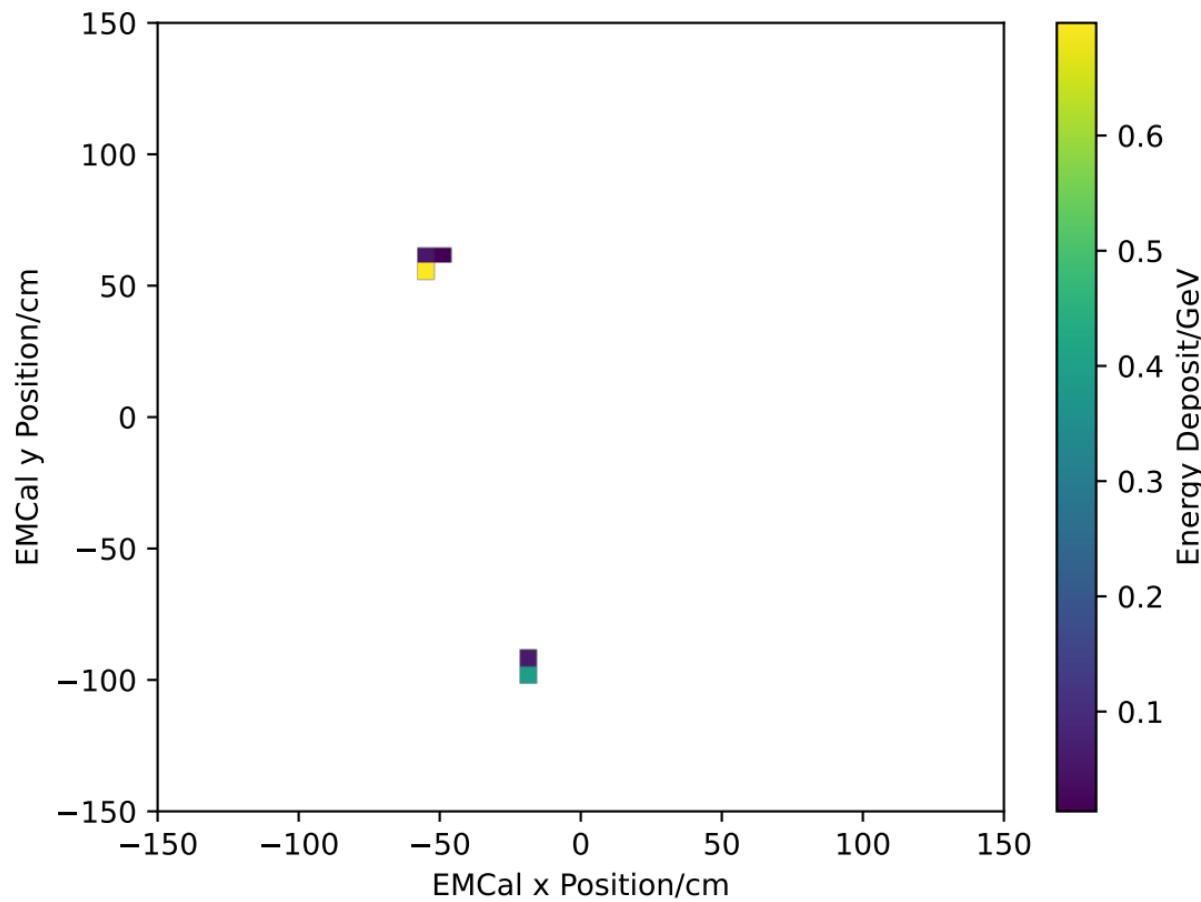
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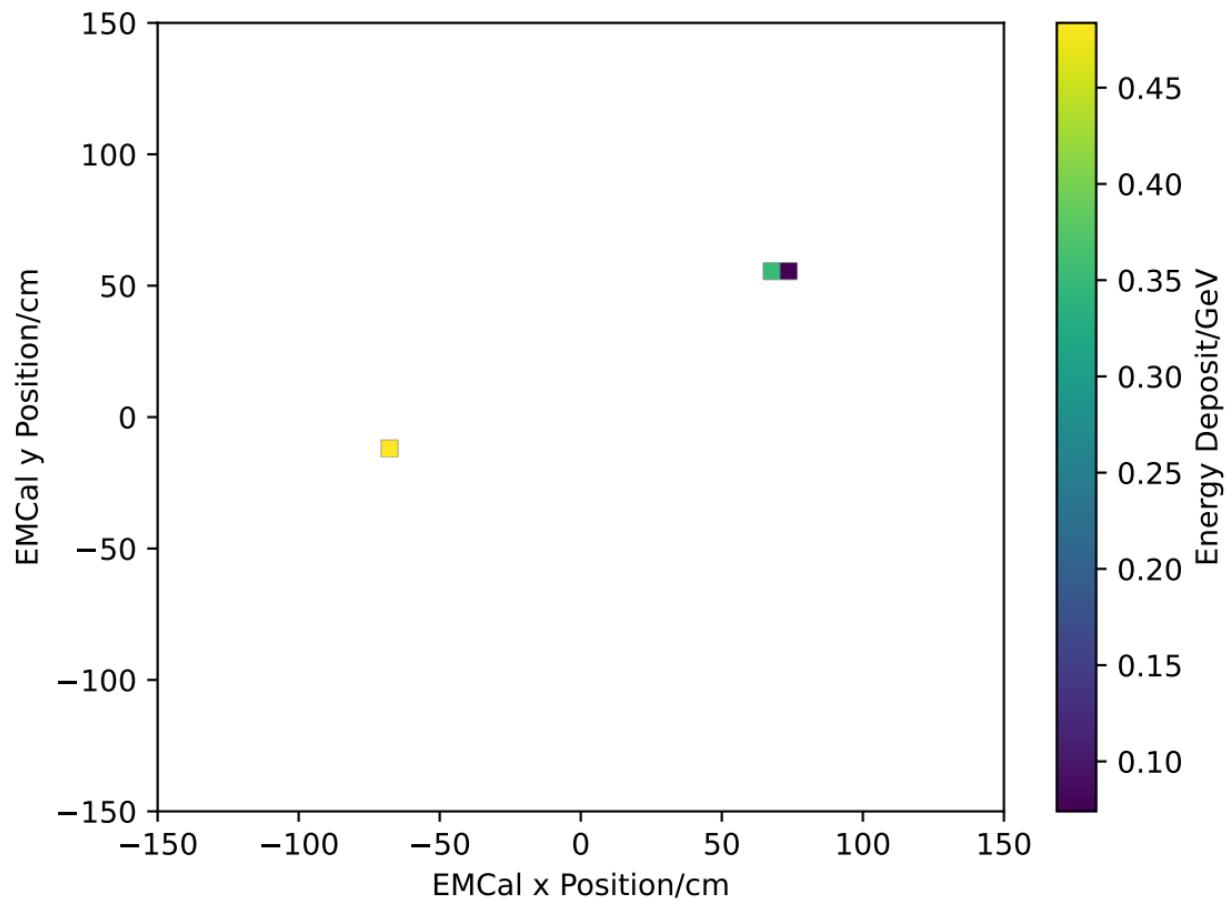


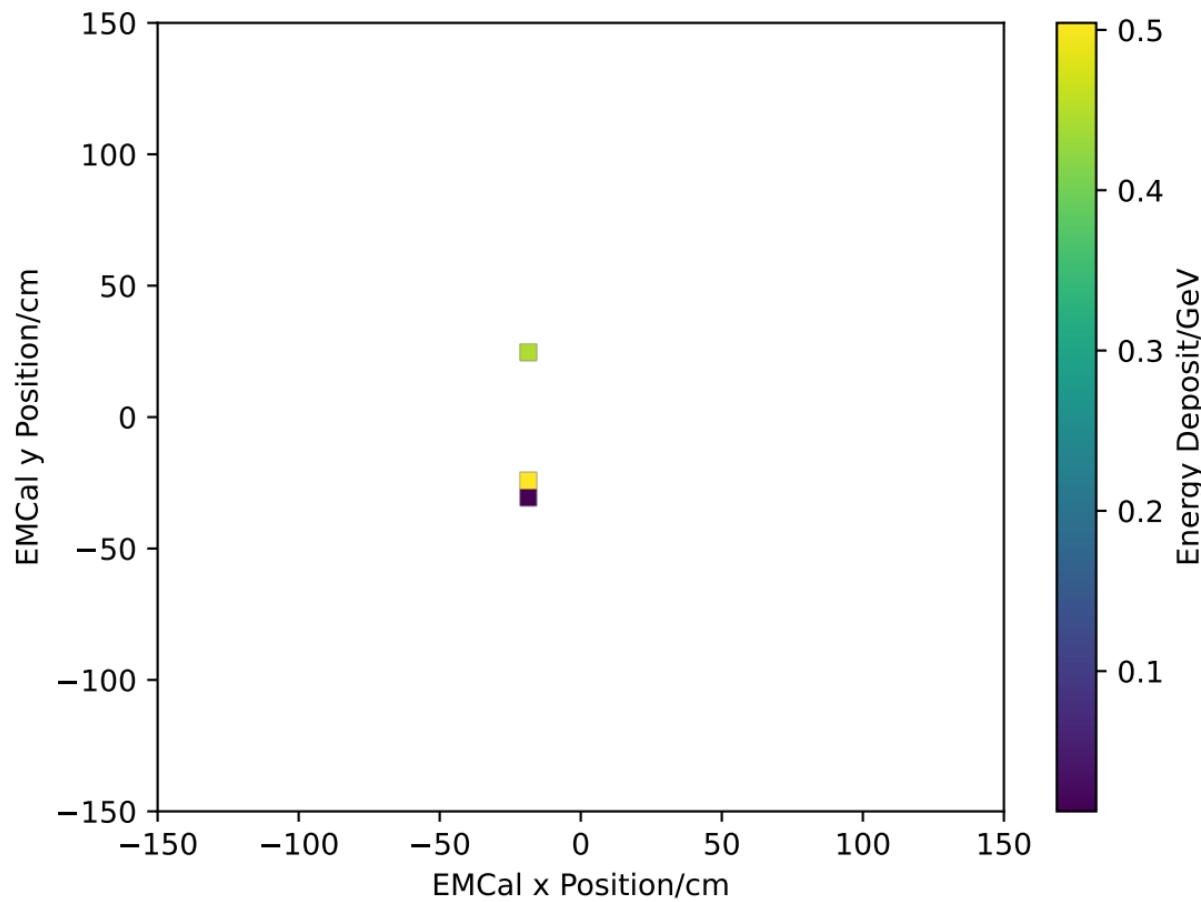


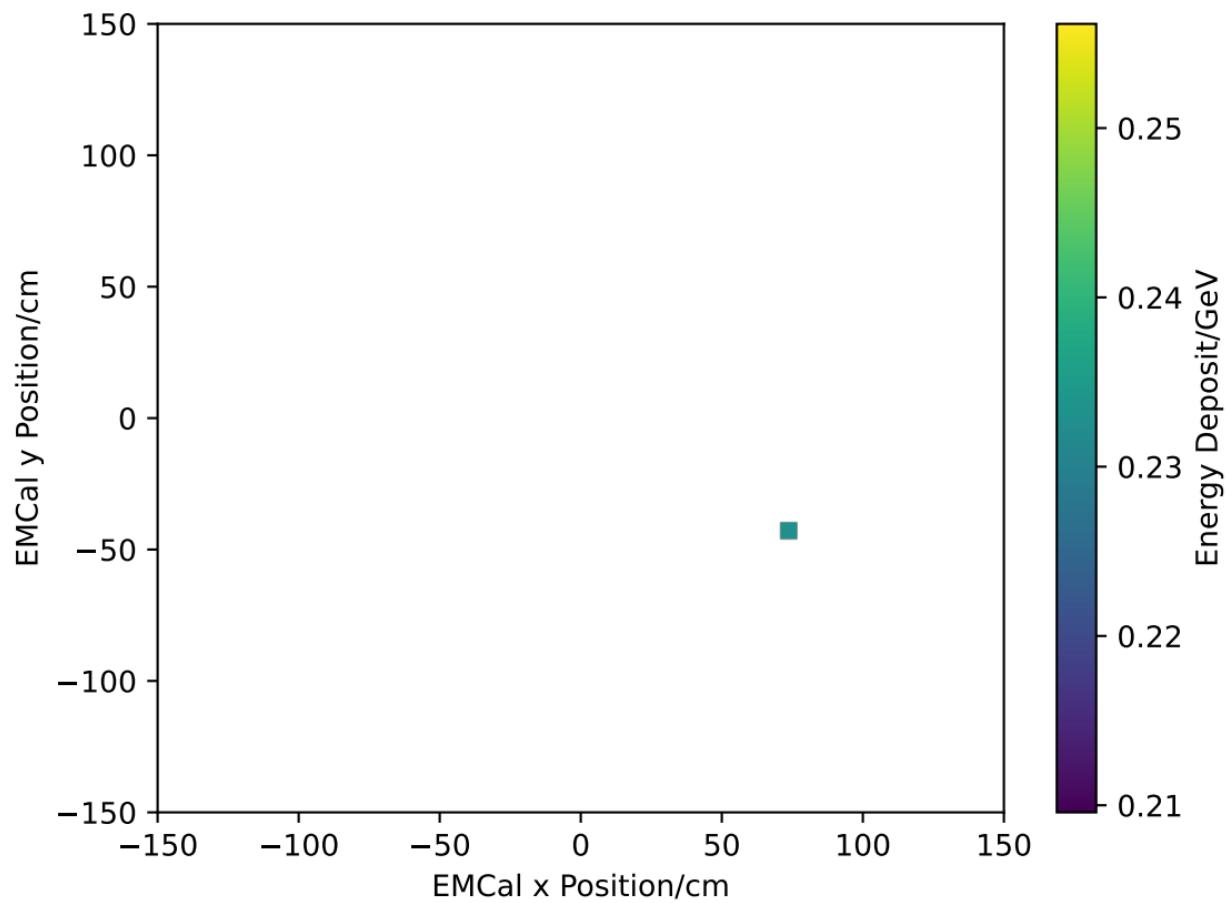


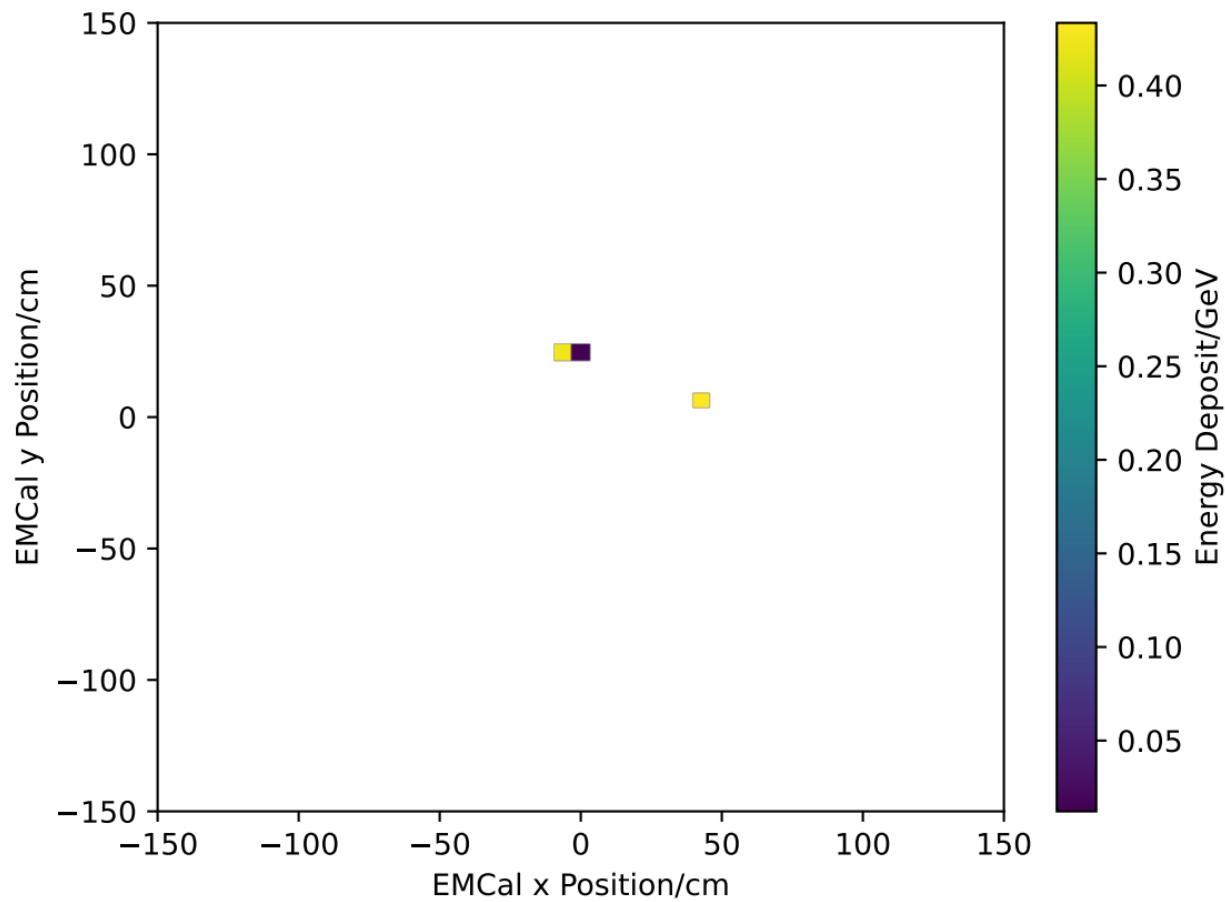




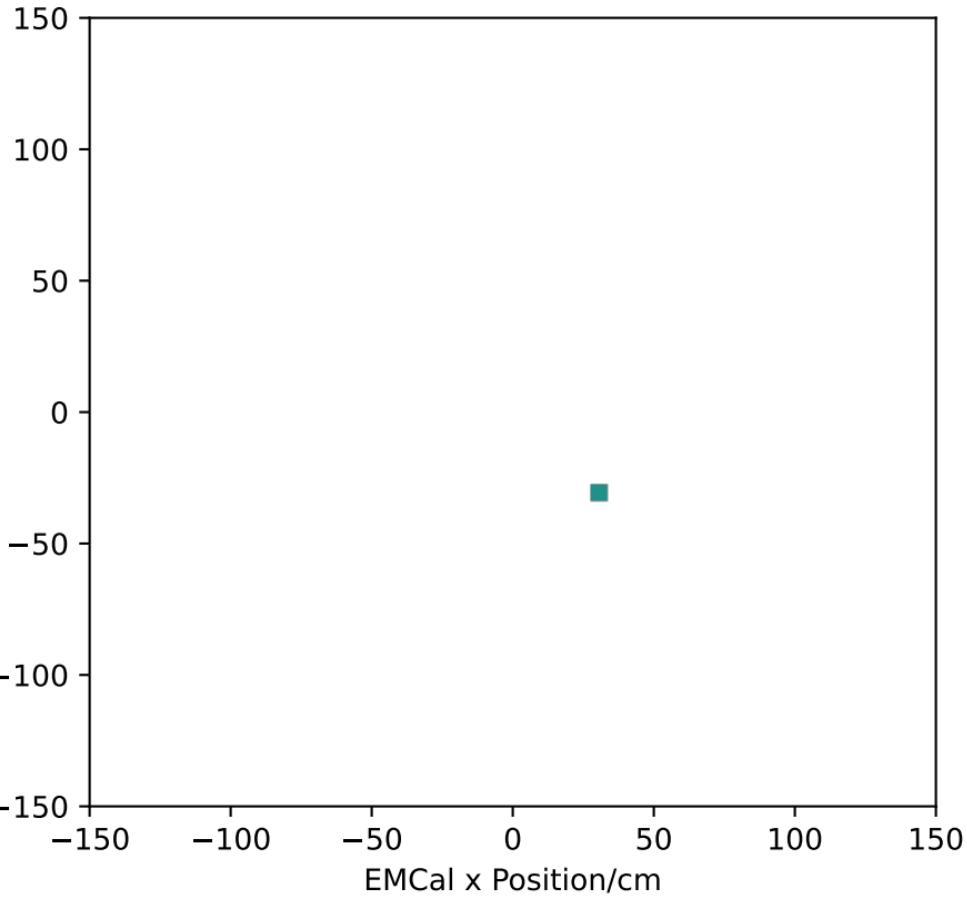




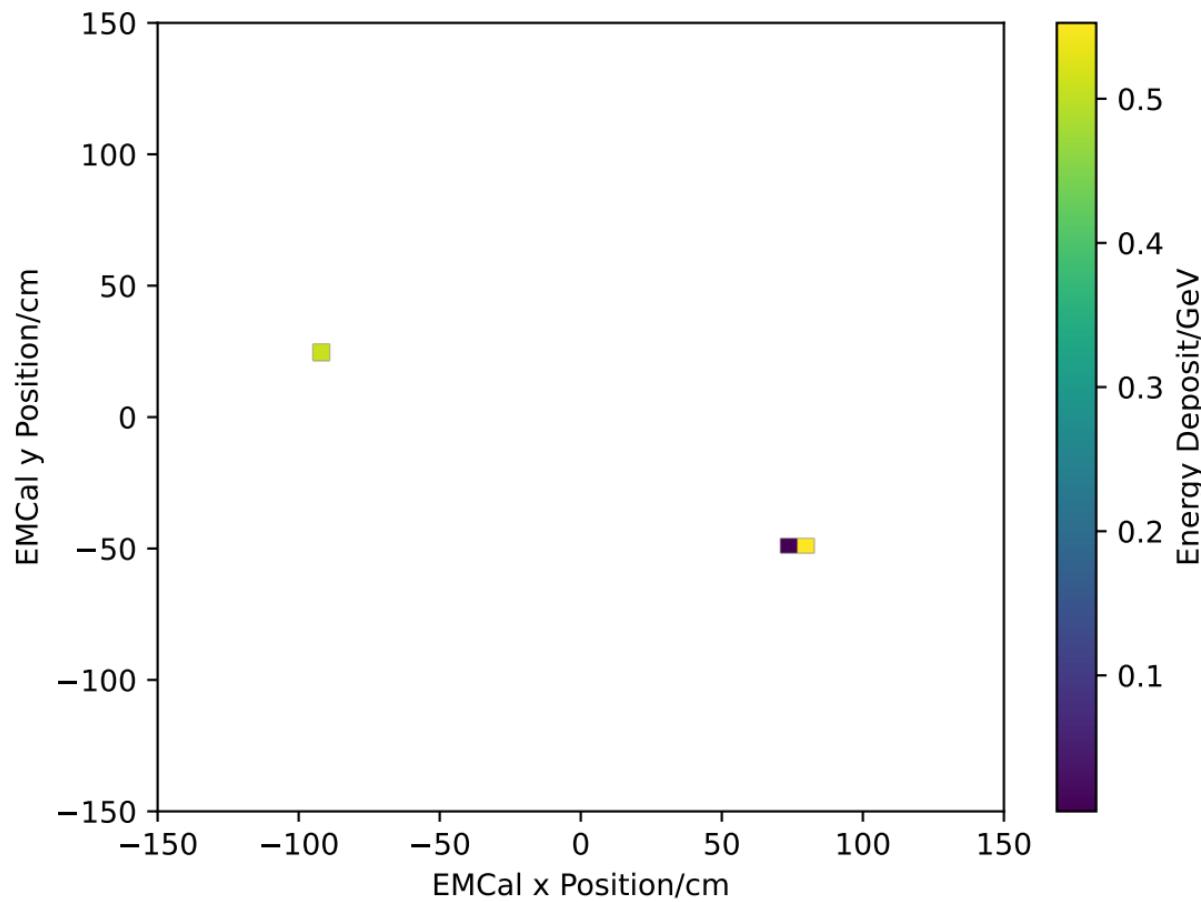


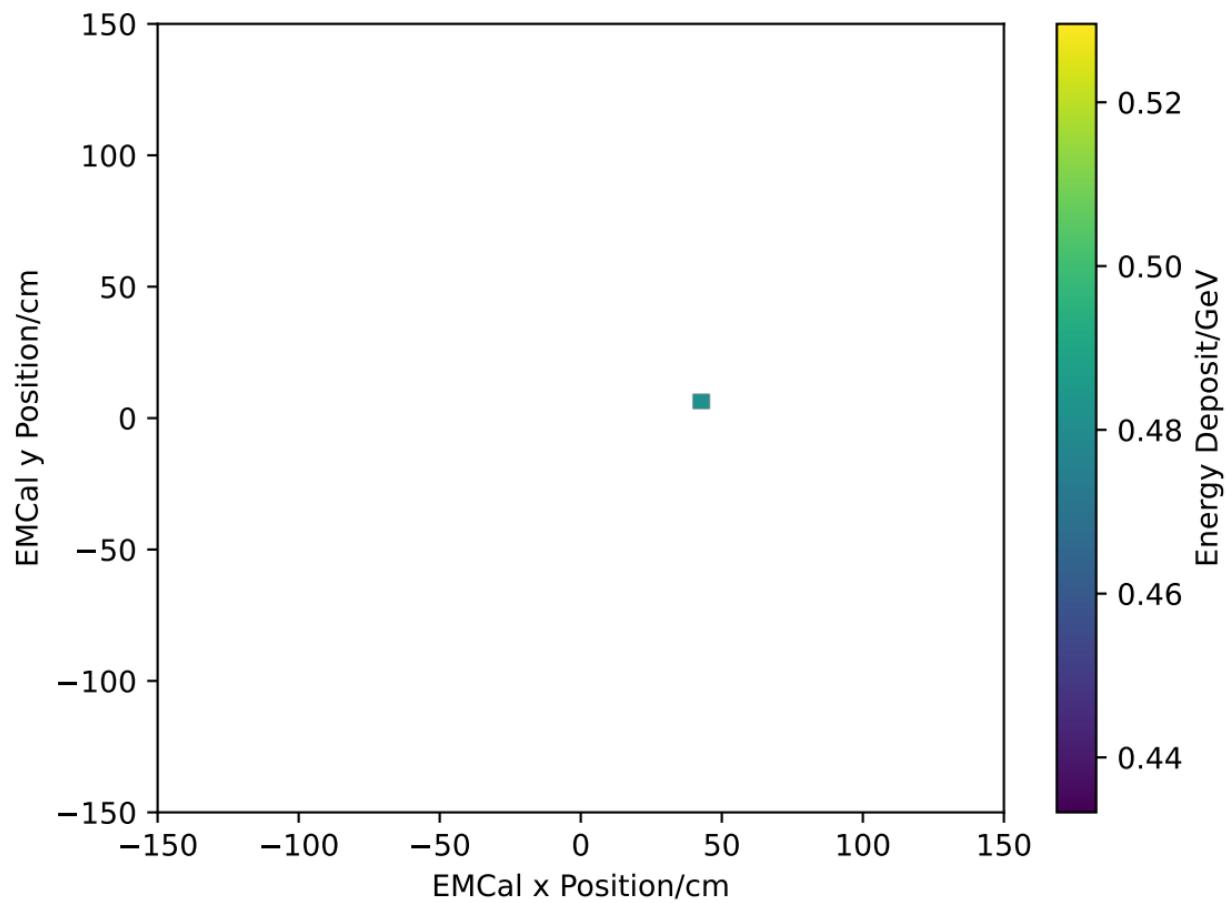


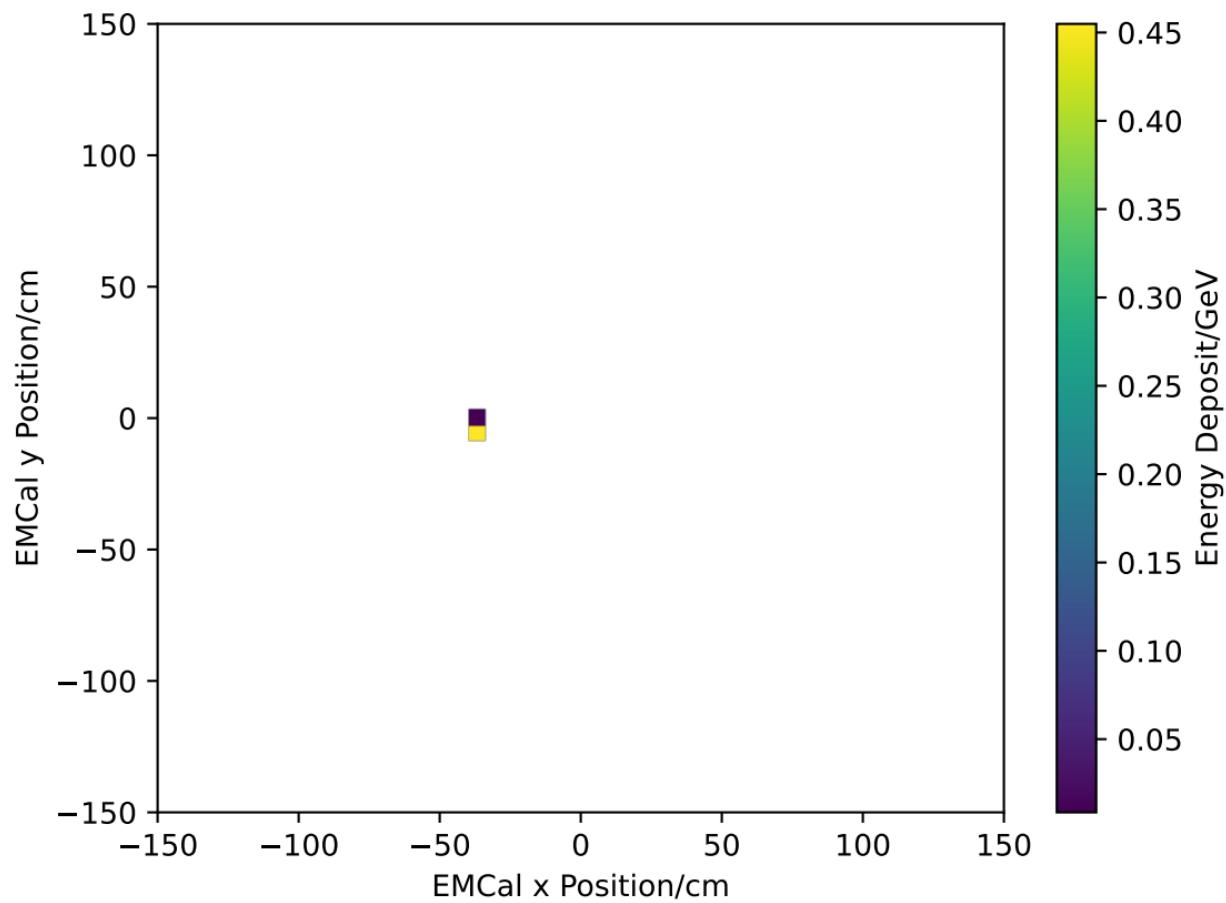
EMCal y Position/cm

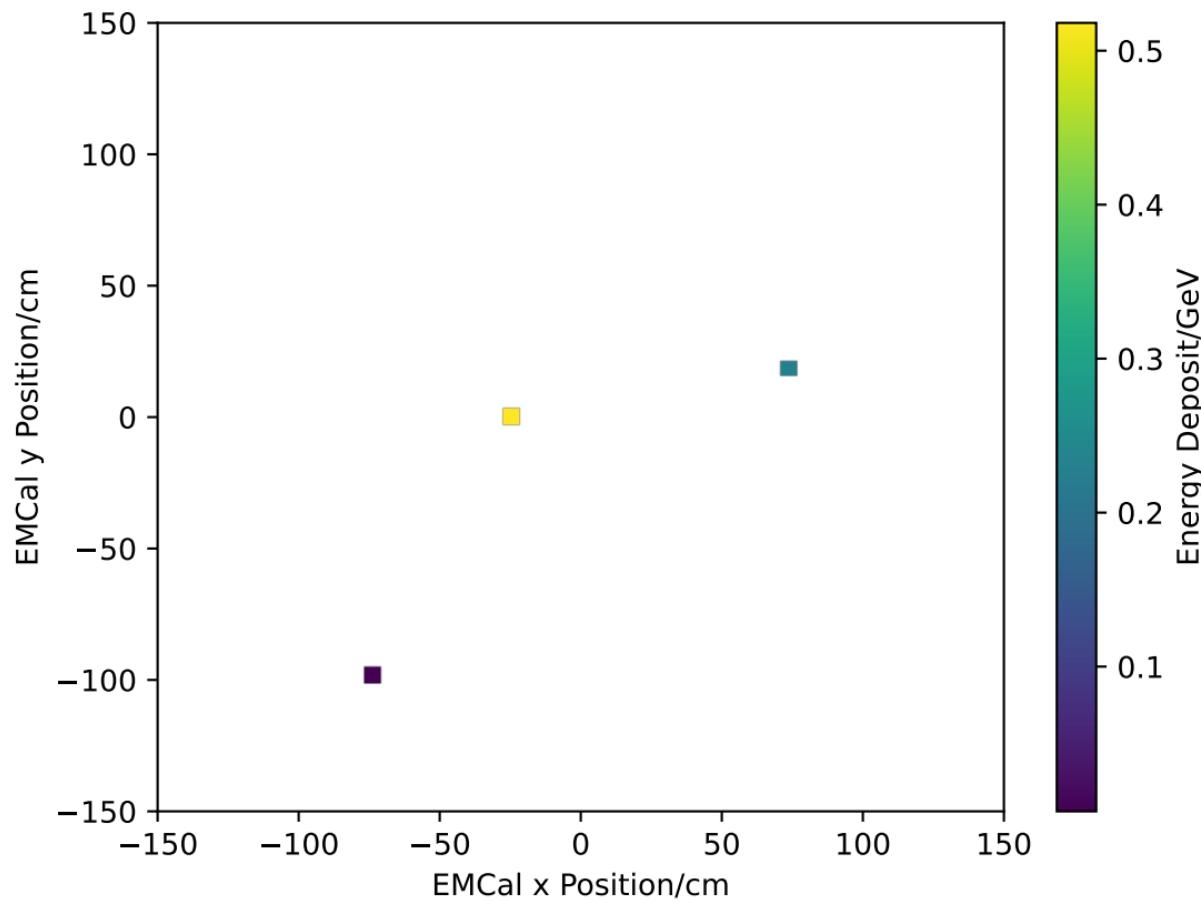


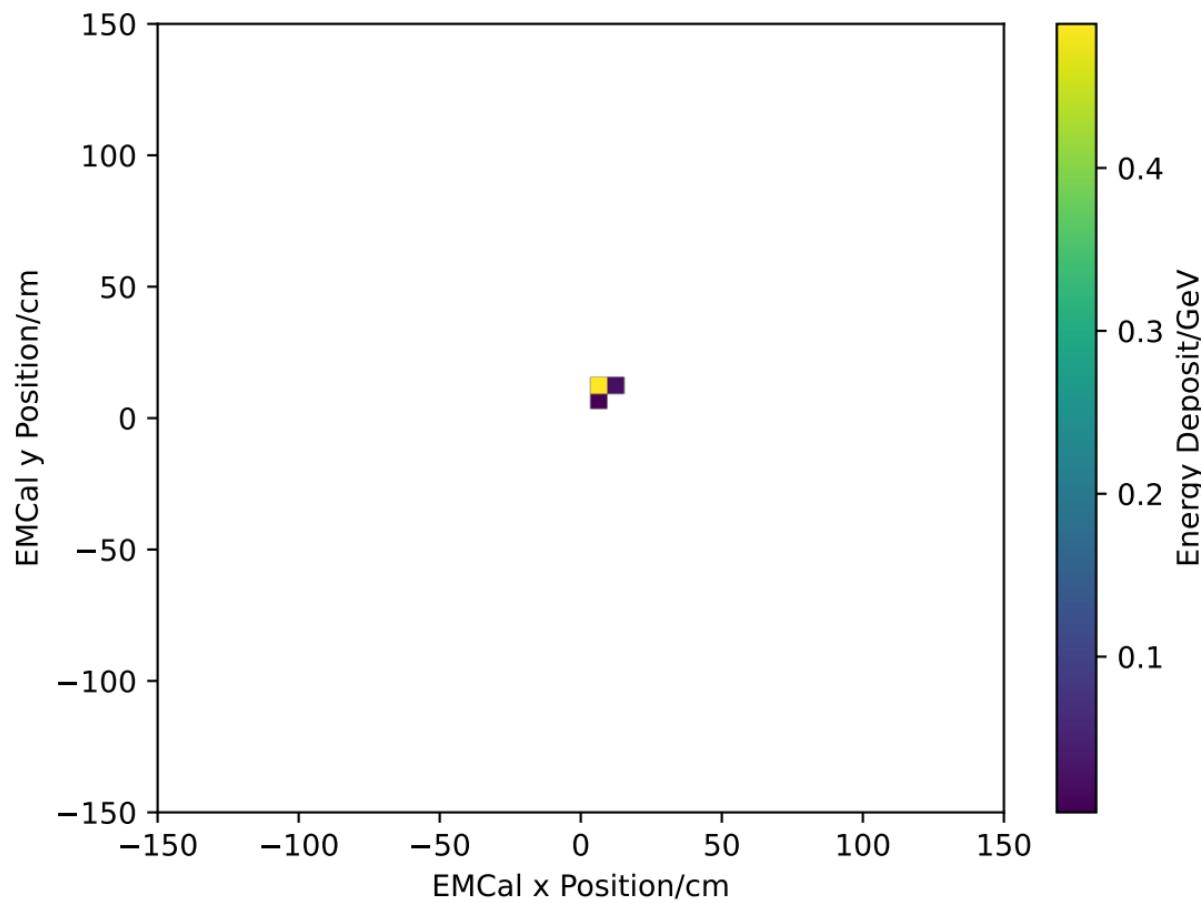
Energy Deposit/GeV



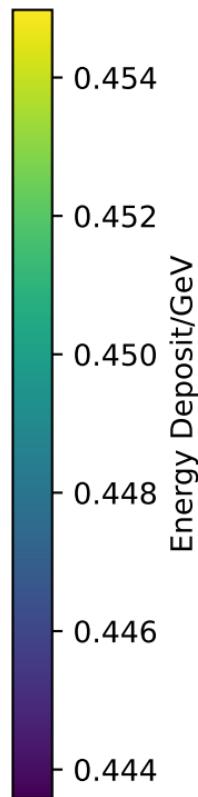
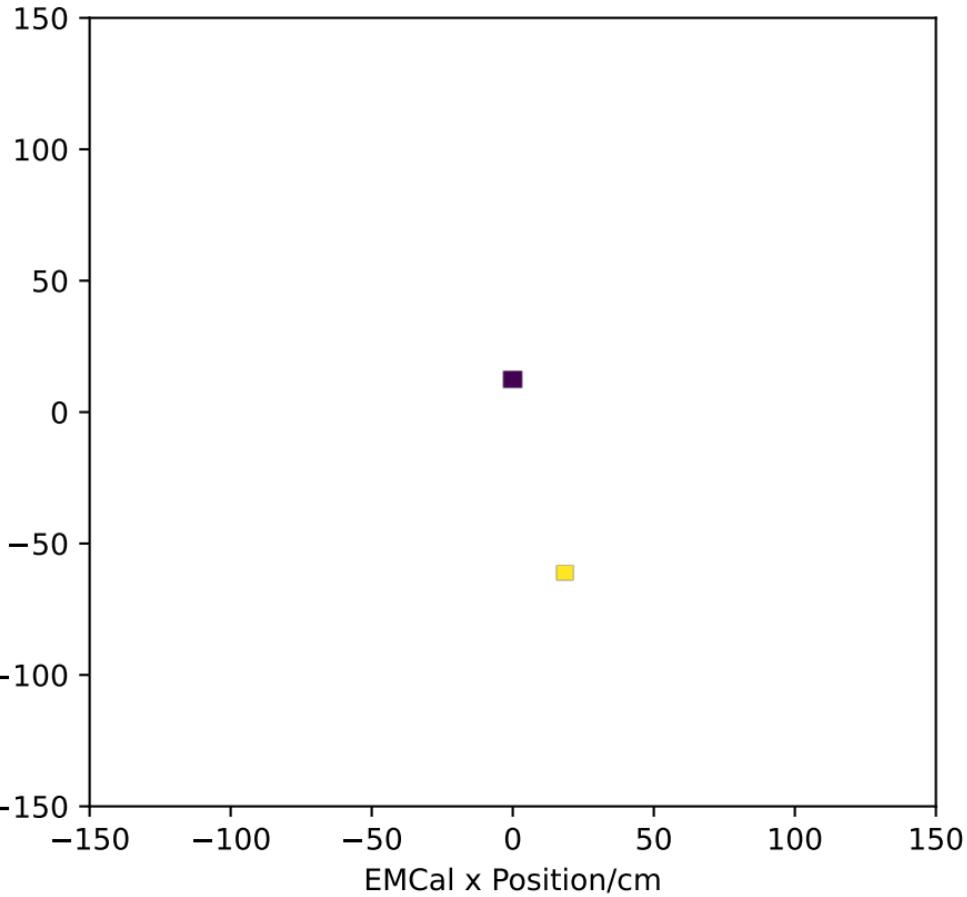




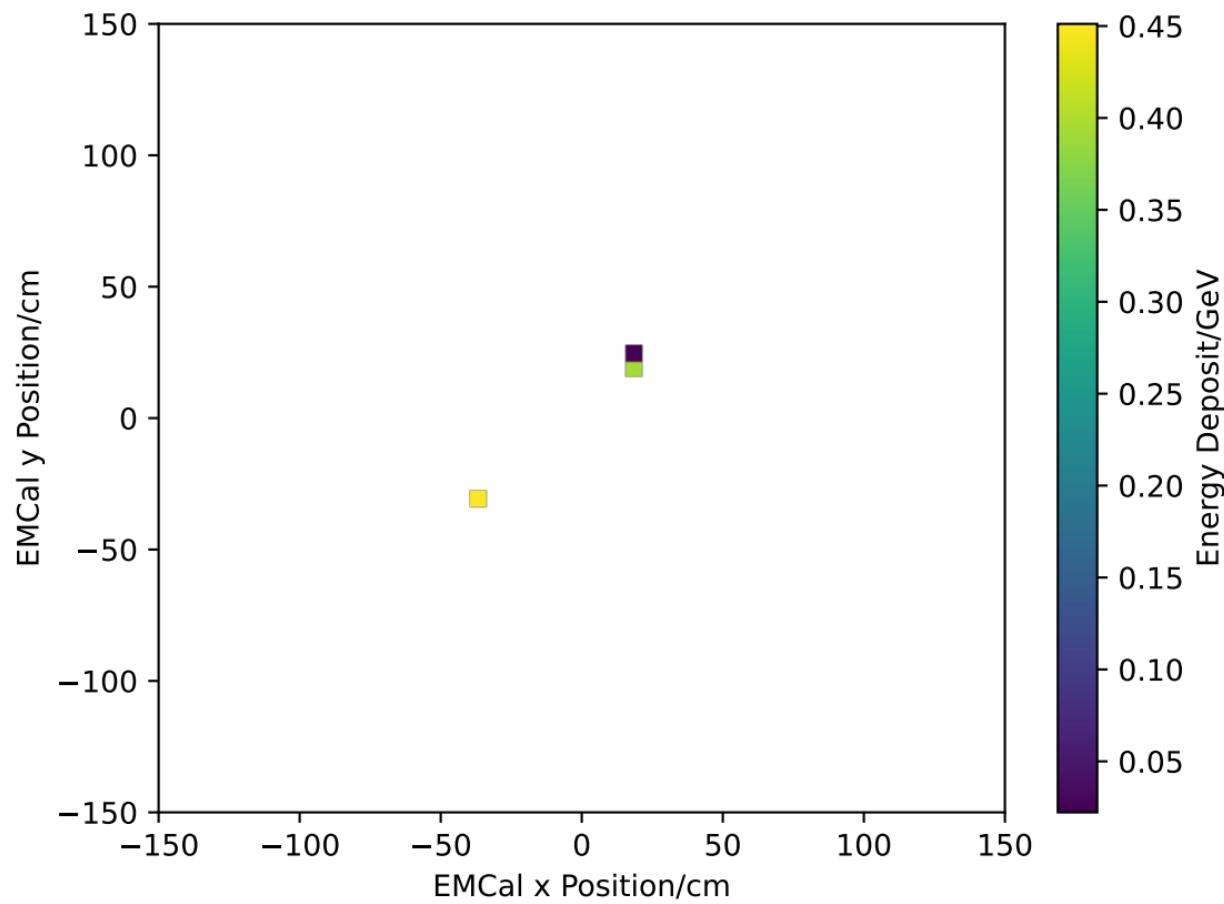


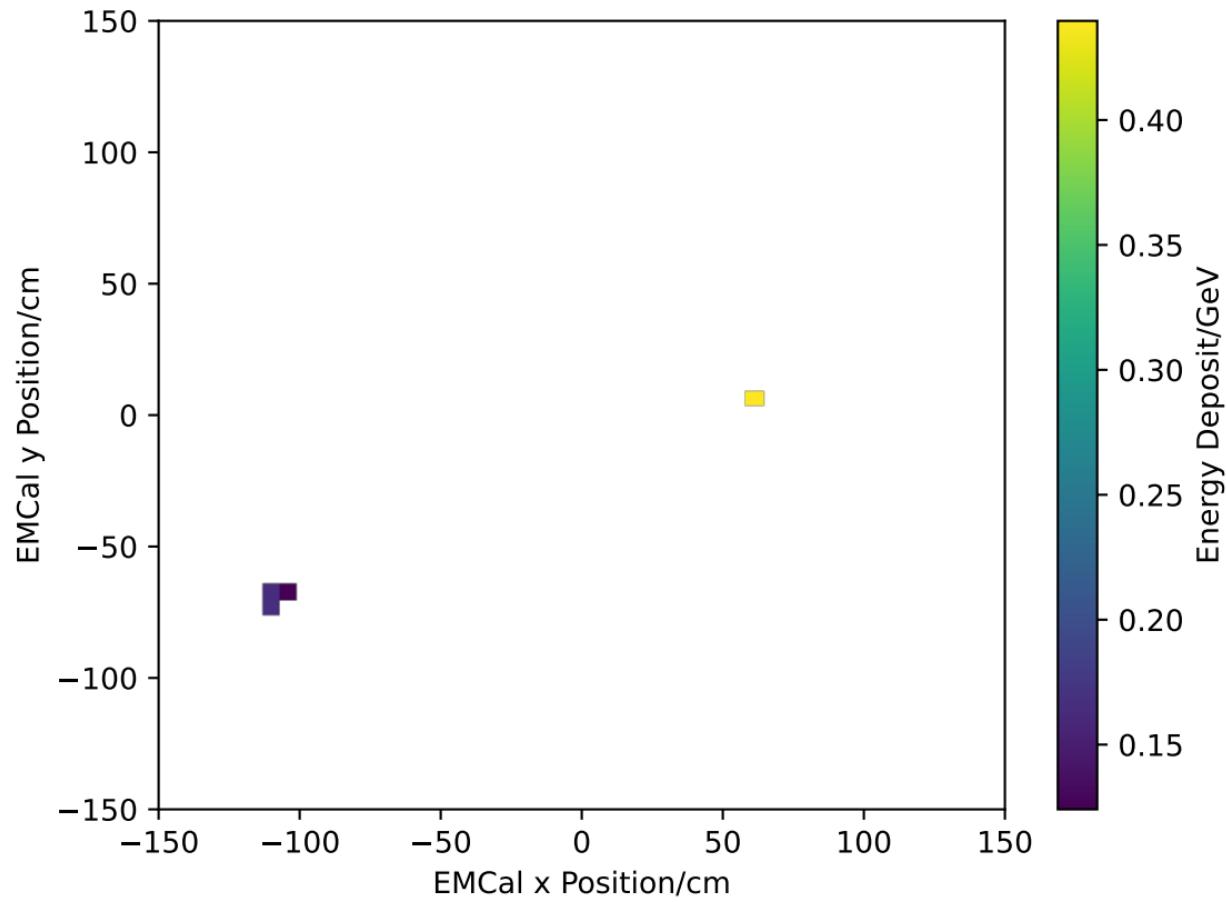


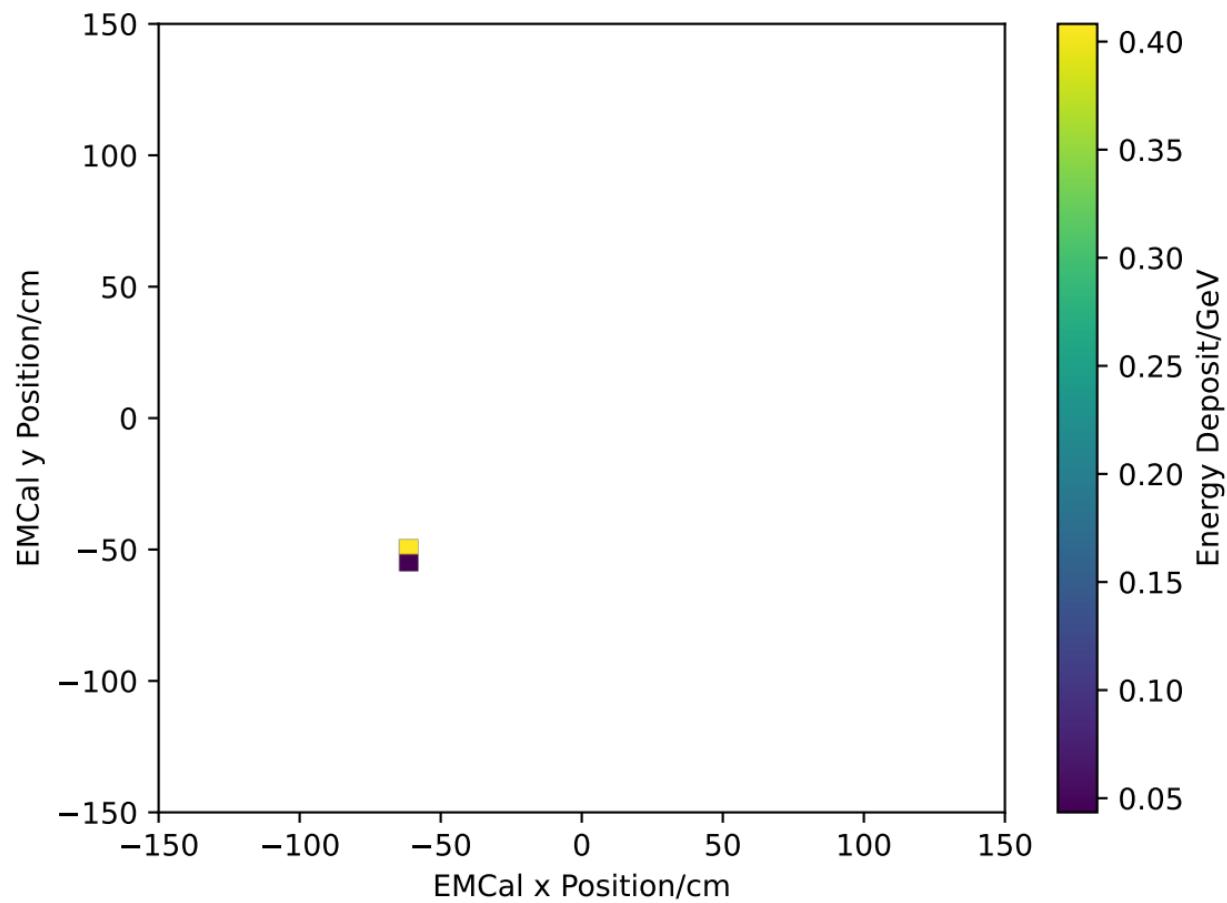
EMCal y Position/cm

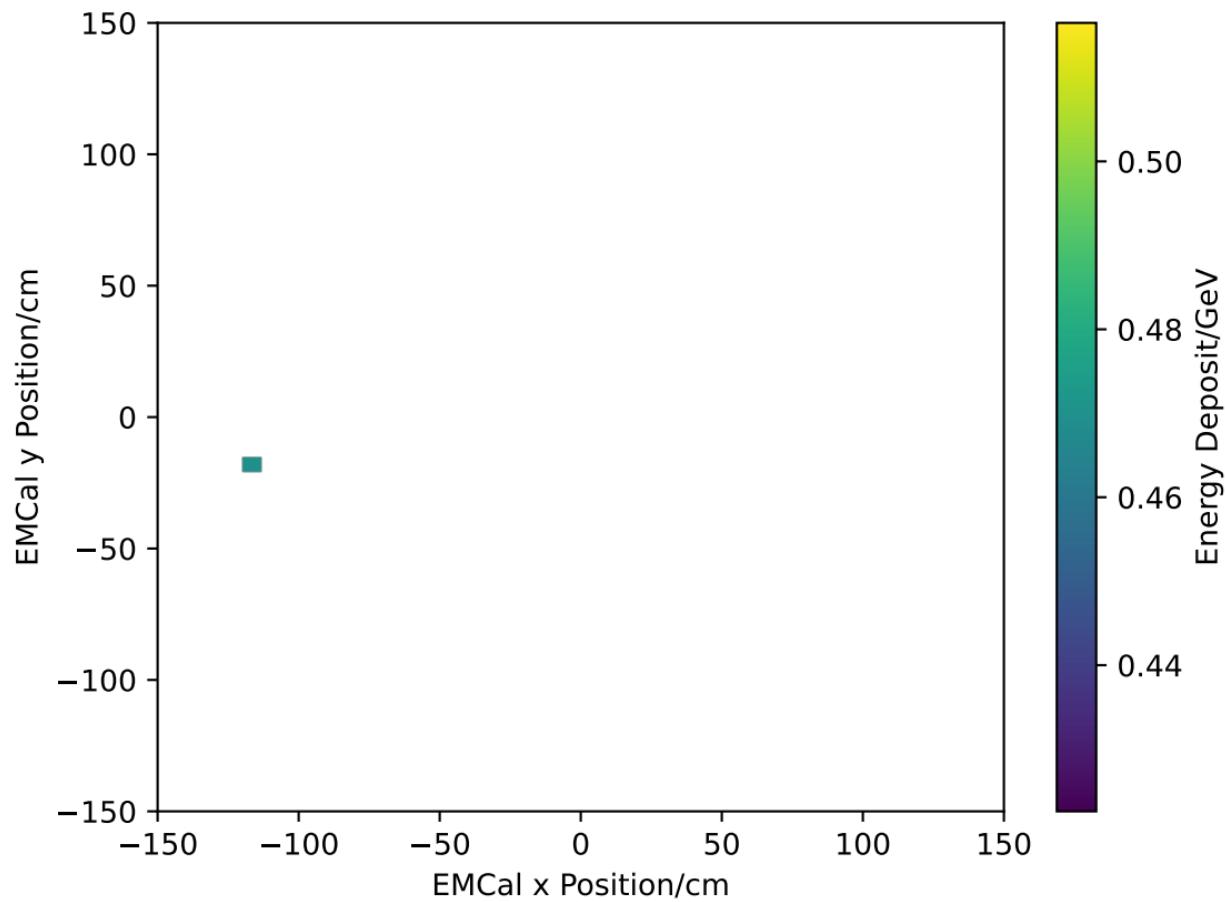


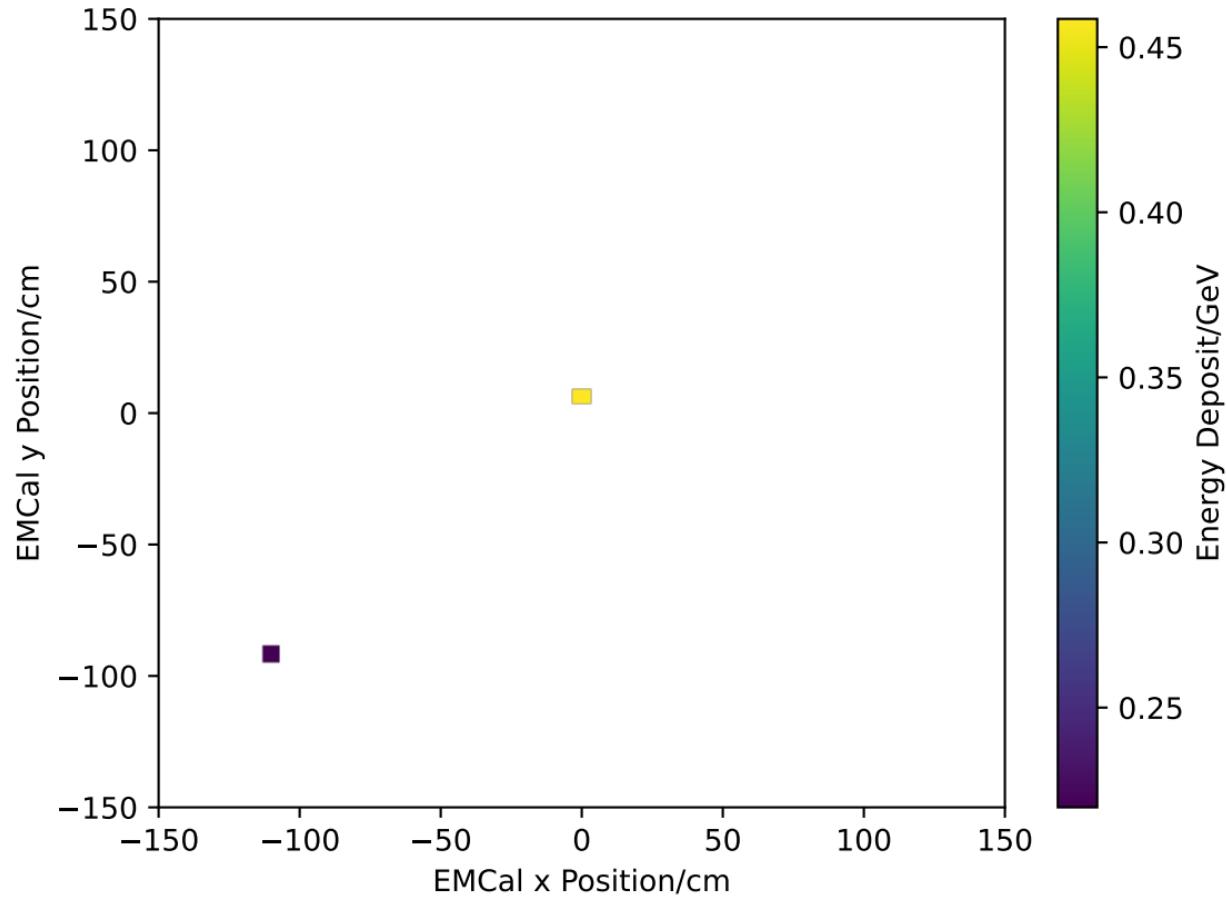
Energy Deposit/GeV

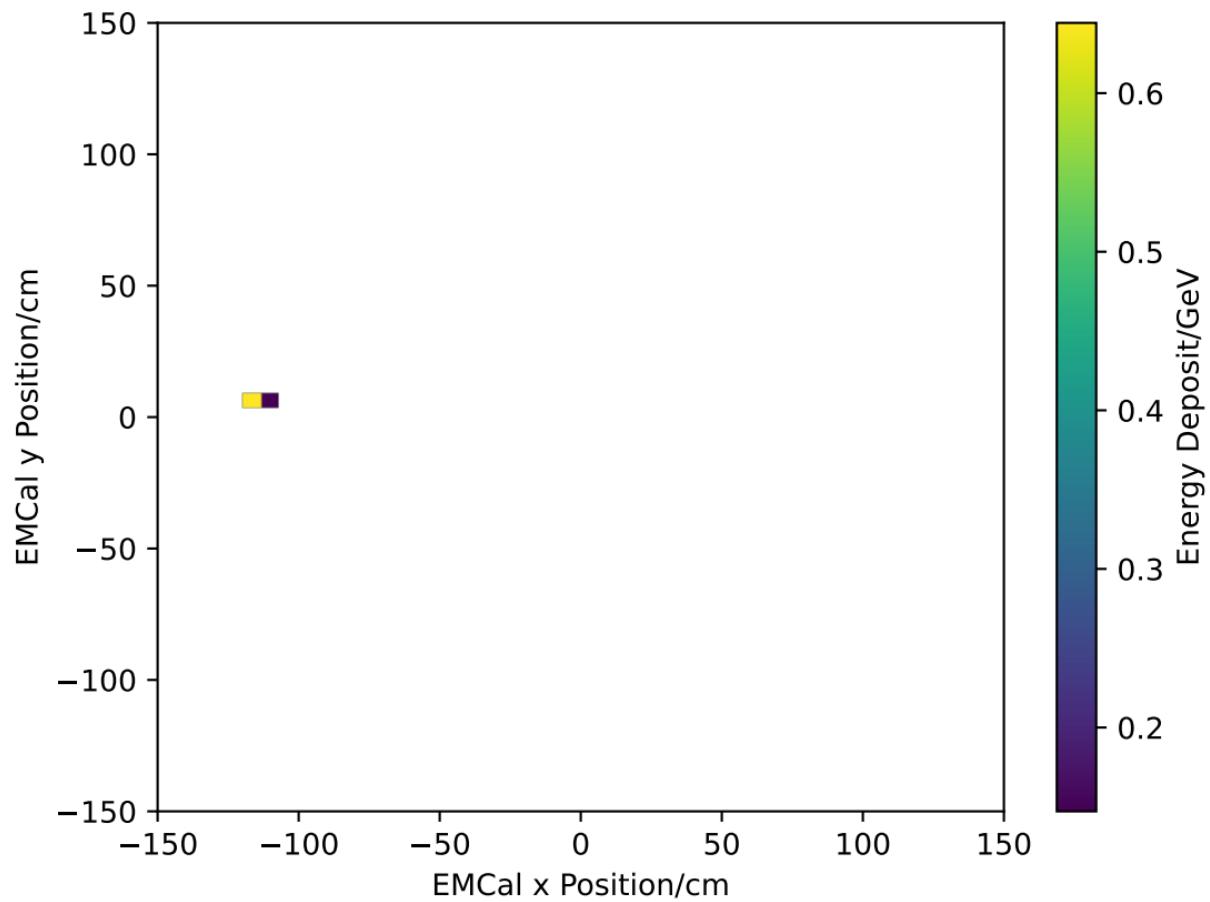


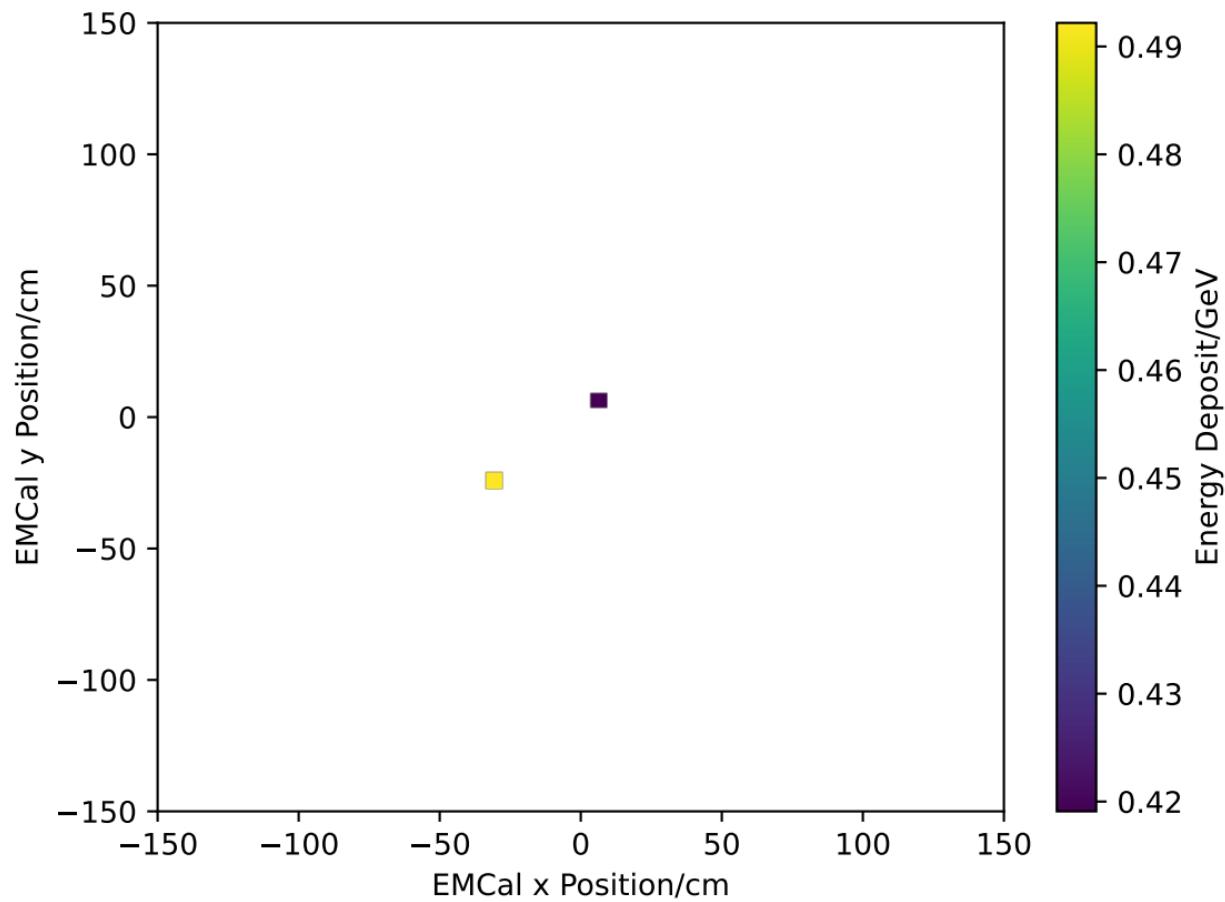


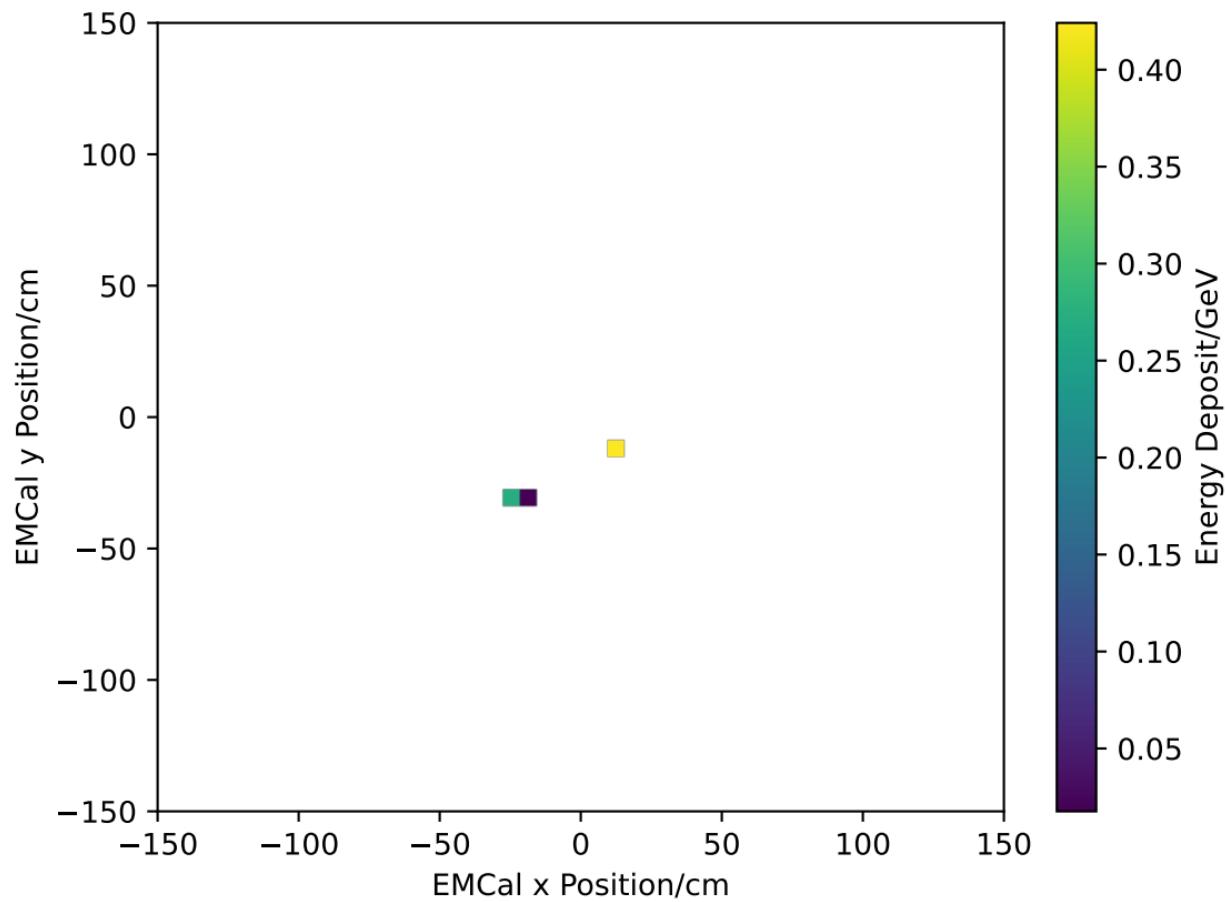


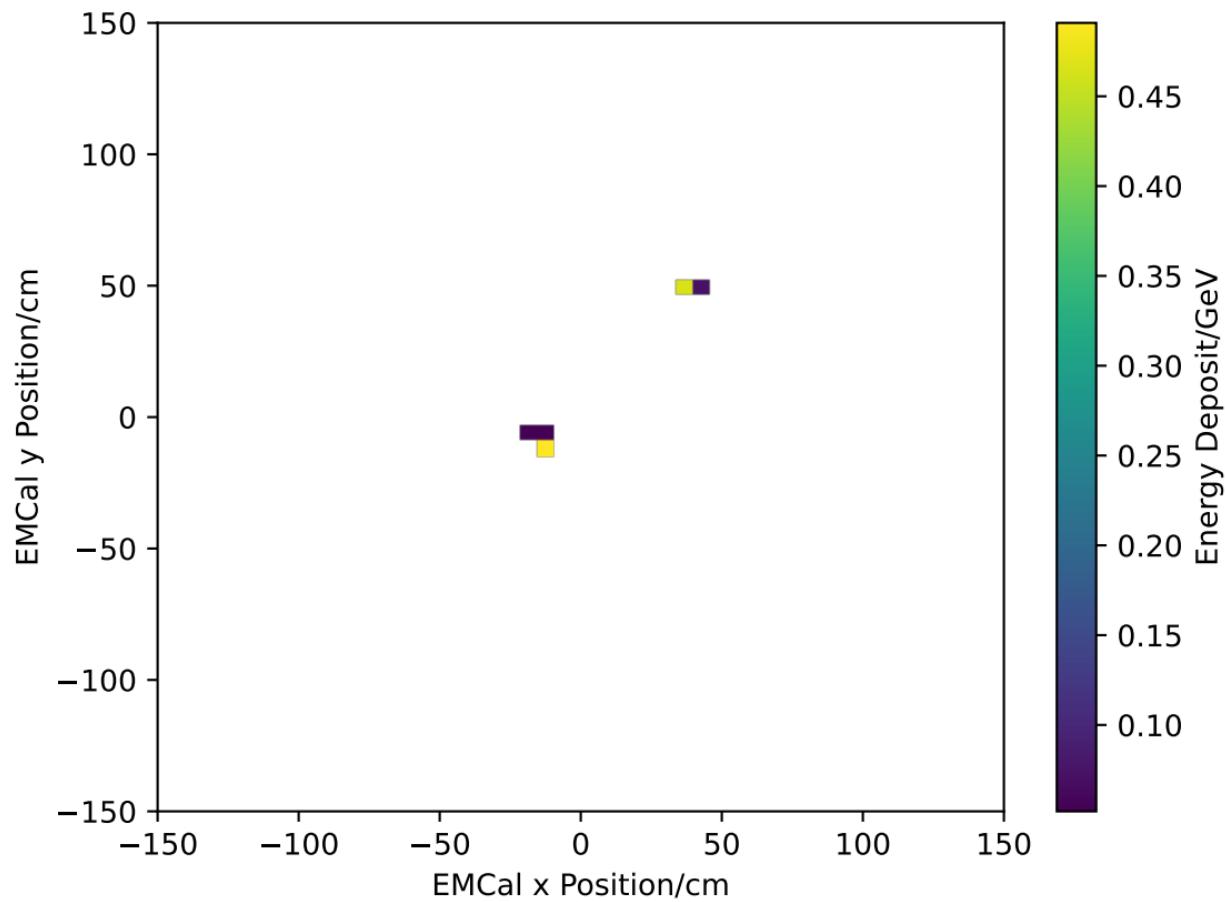


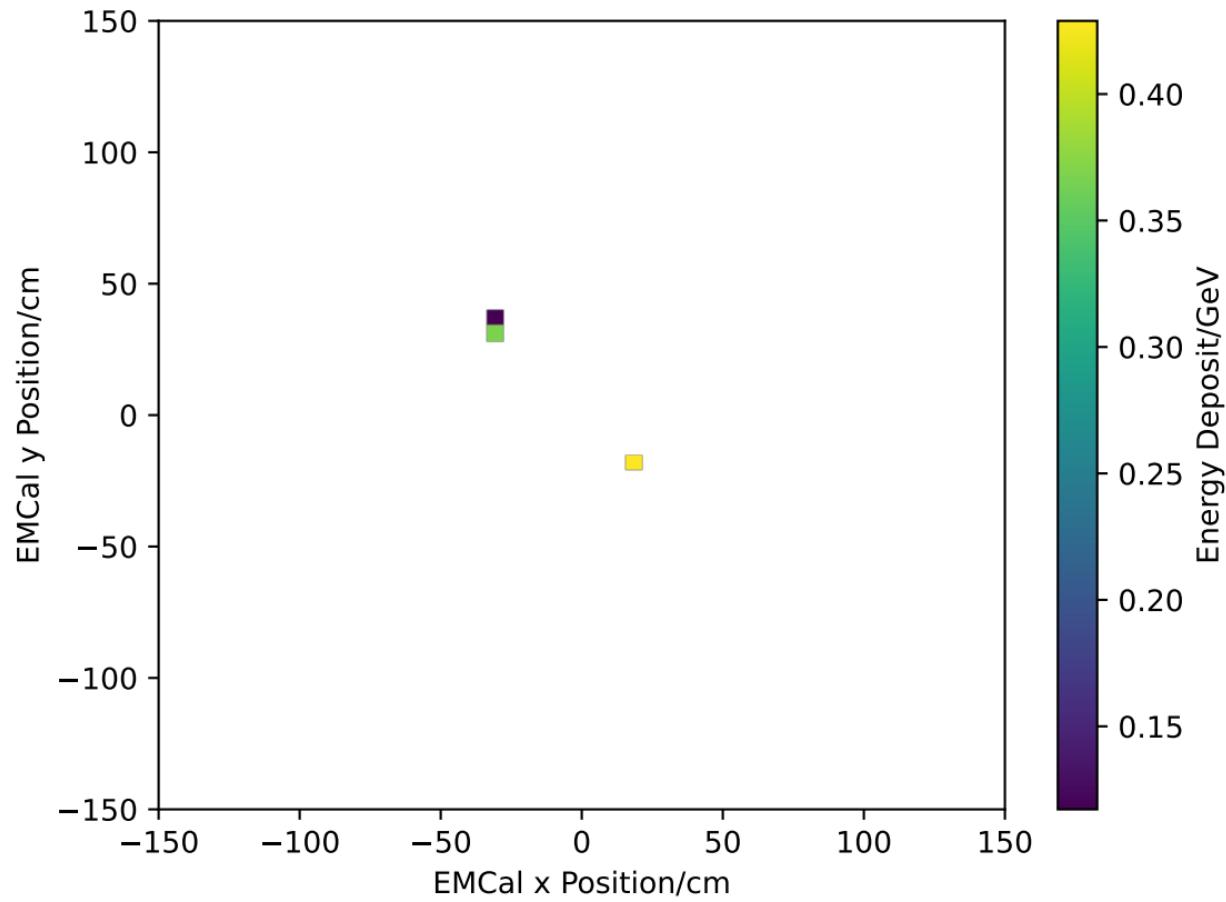












EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

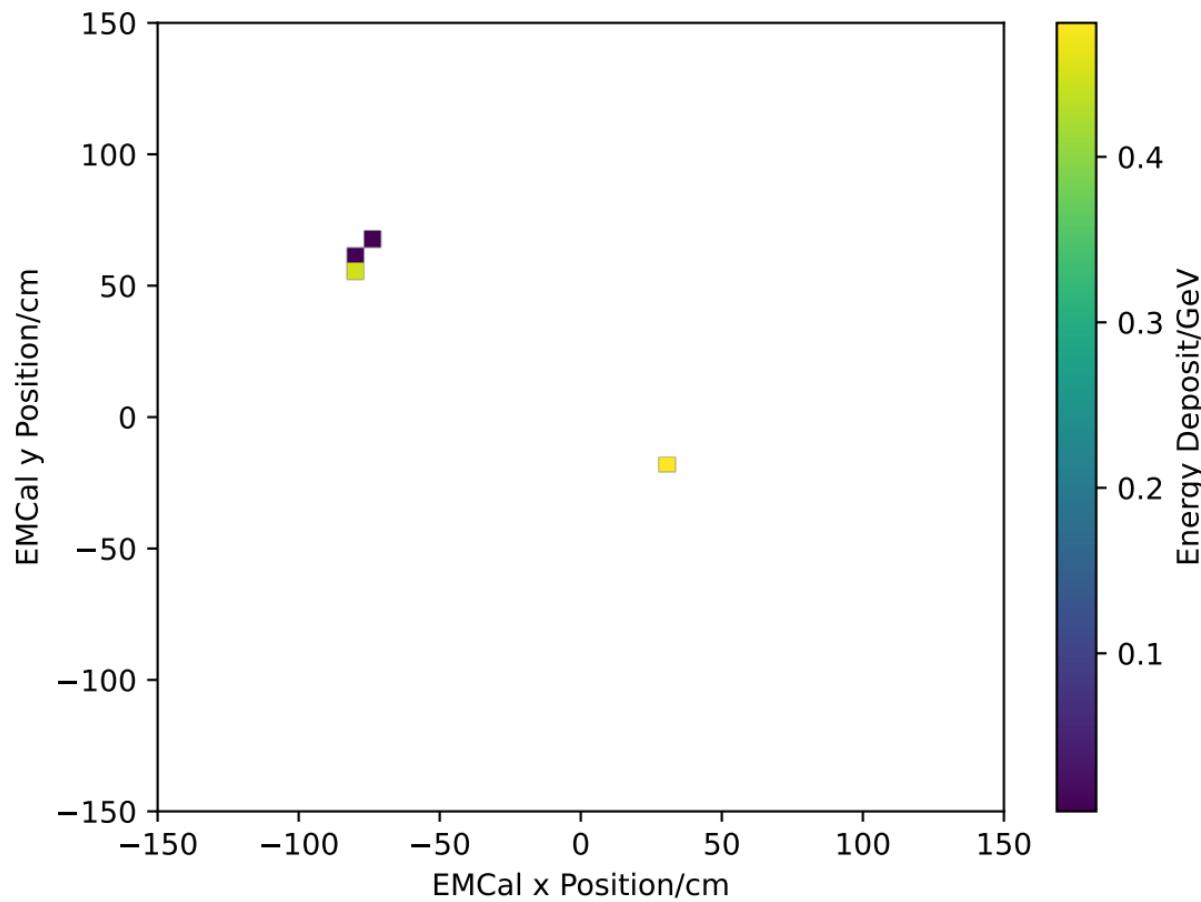
100

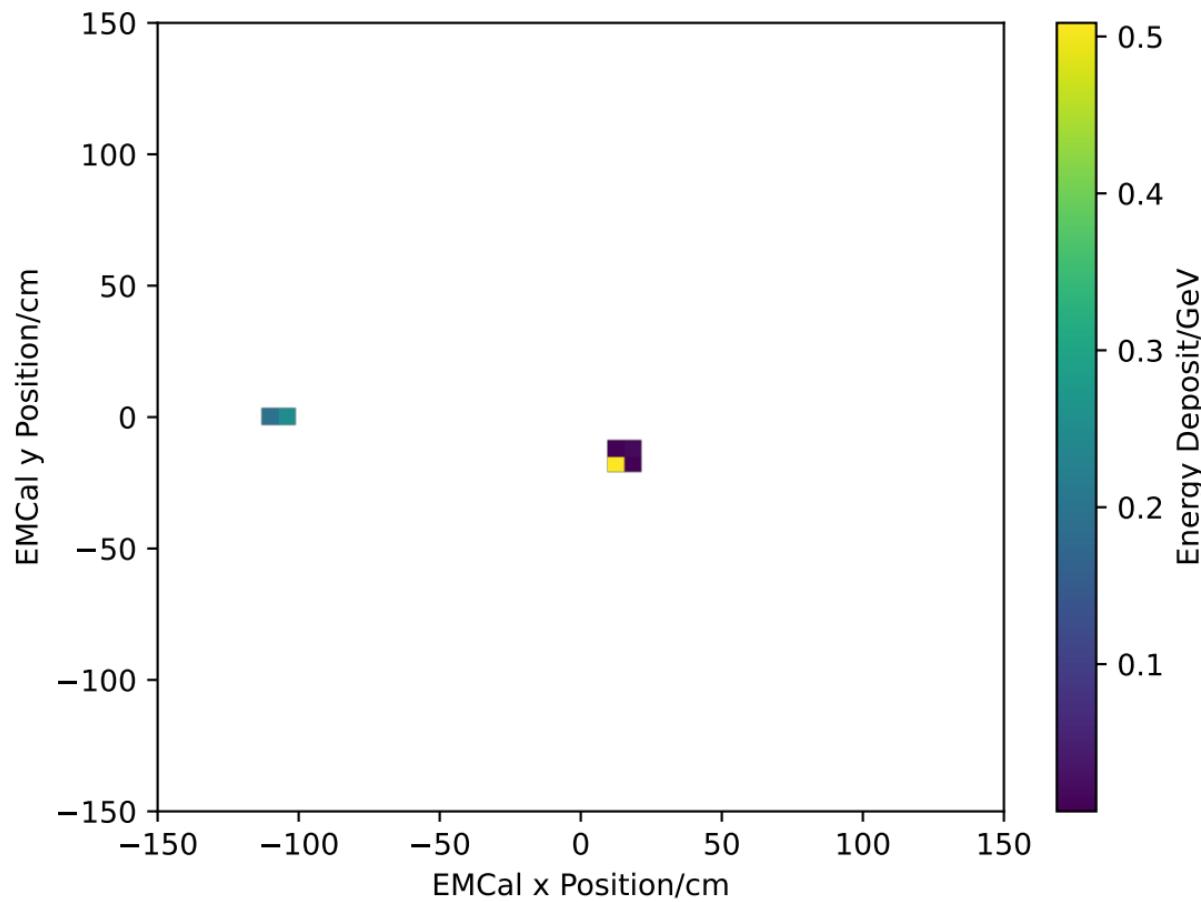
150

EMCal x Position/cm

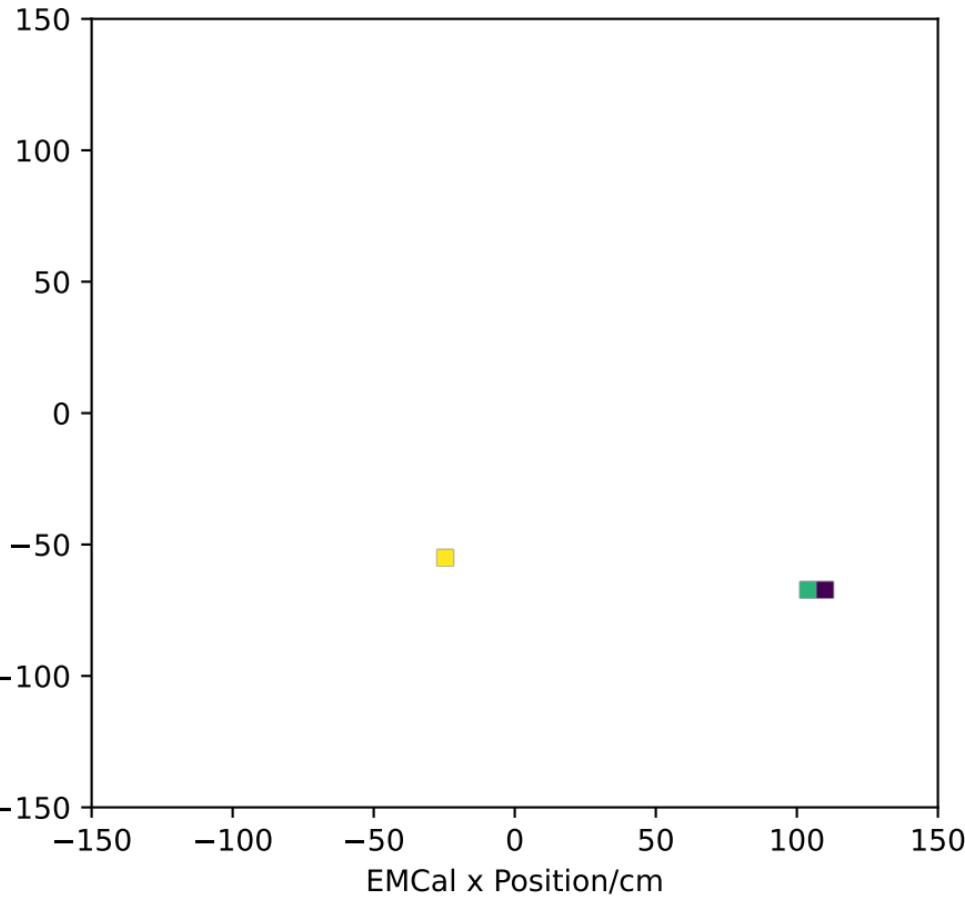


Energy Deposit/GeV

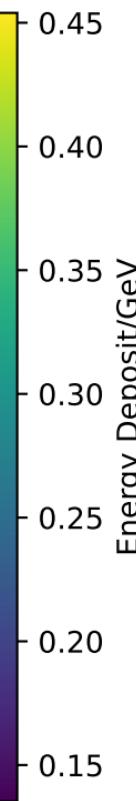


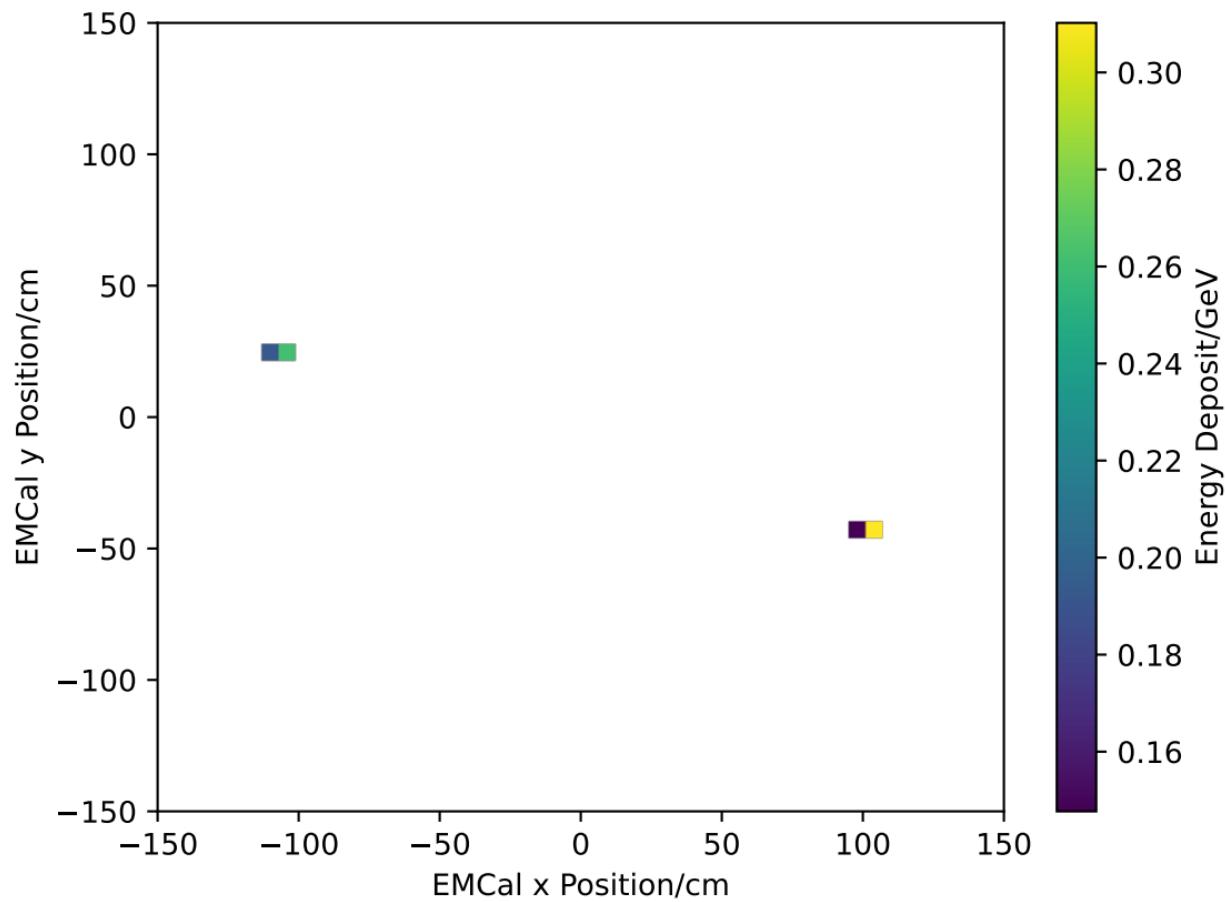


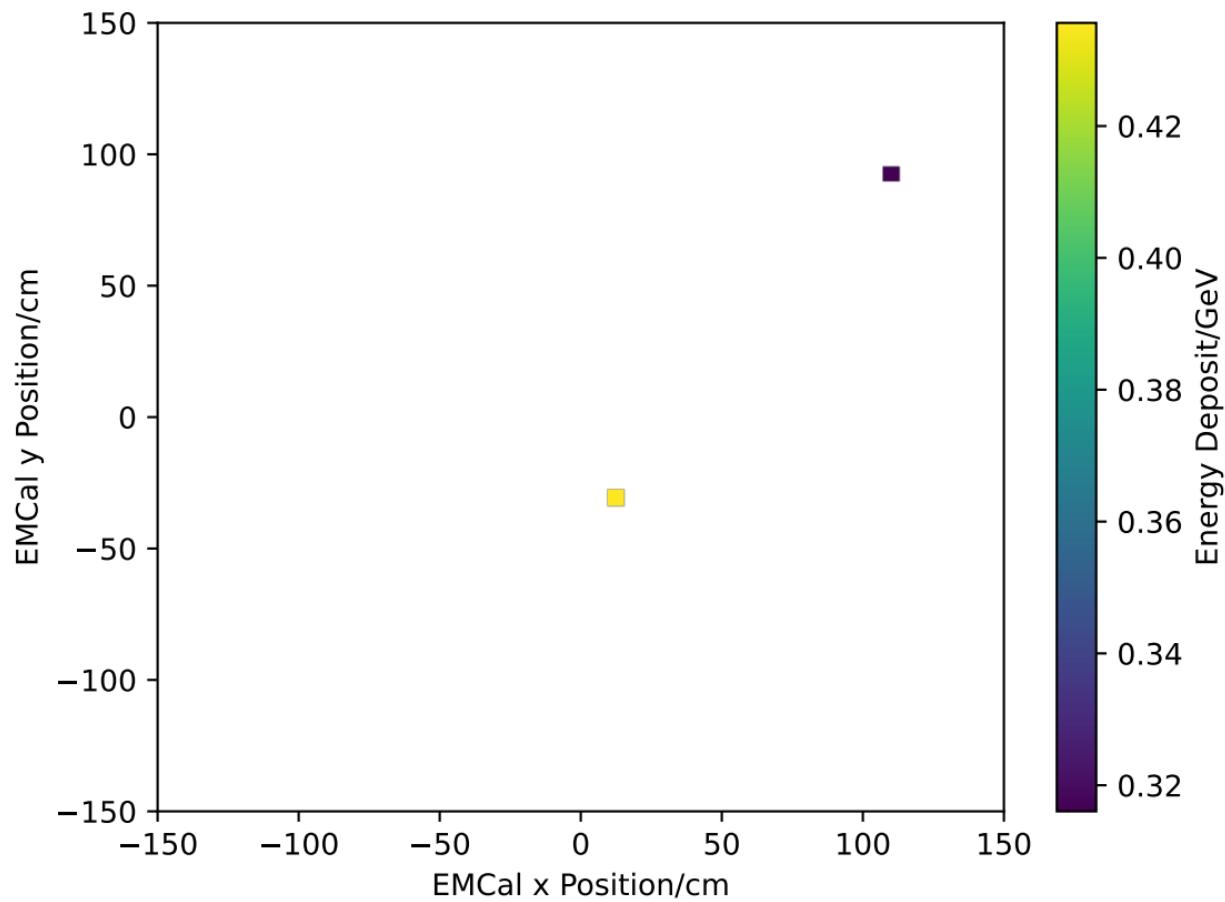
EMCal y Position/cm



EMCal x Position/cm







EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

50

100

150

EMCal x Position/cm



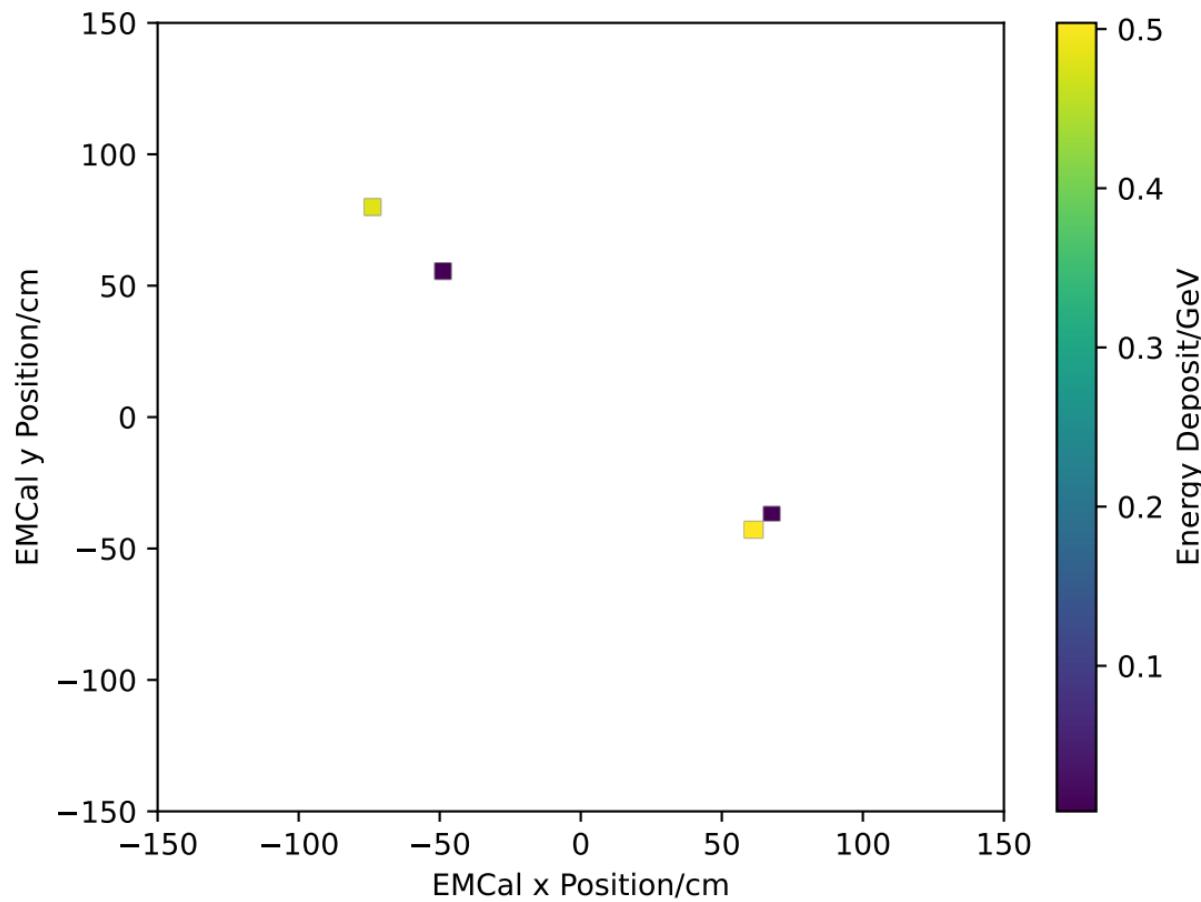
Energy Deposit/GeV

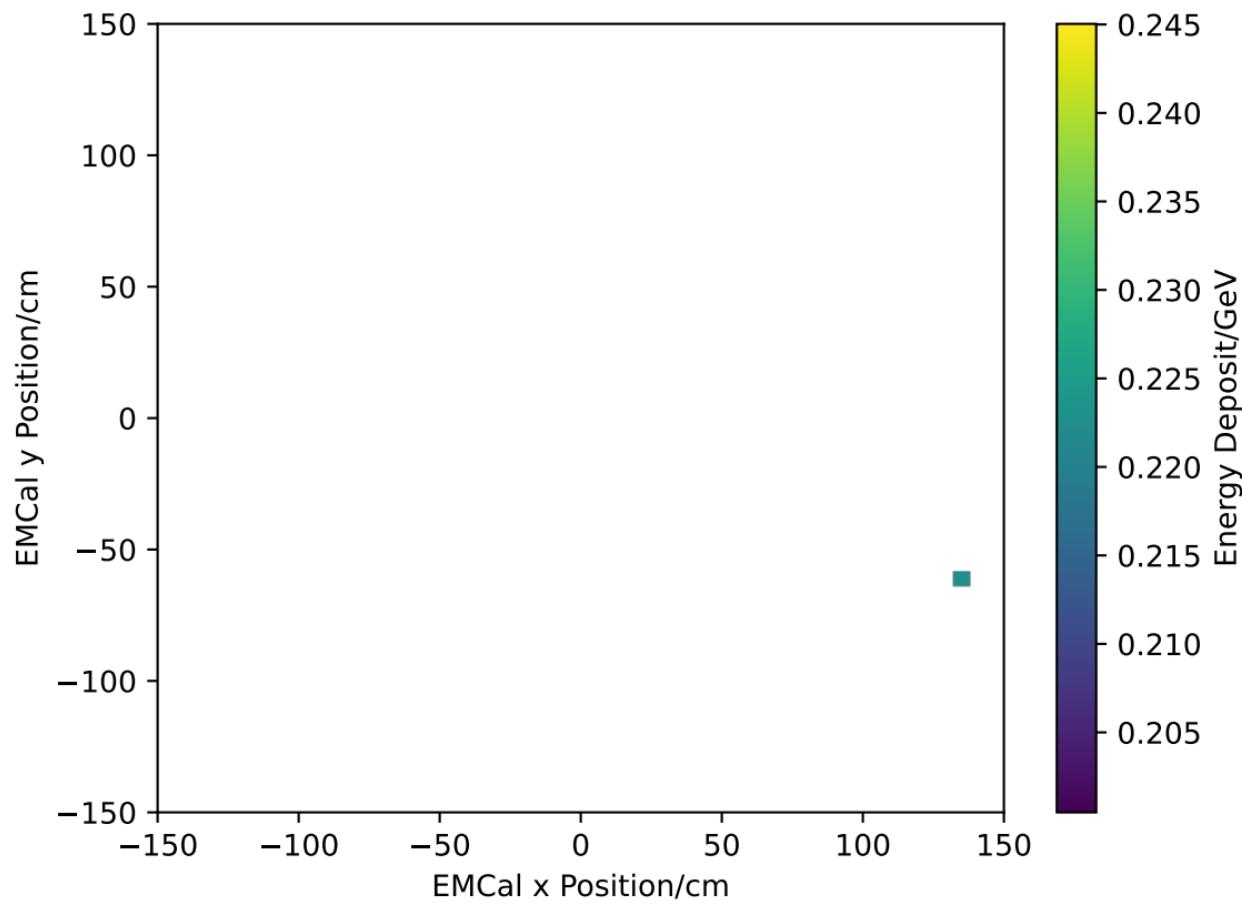
0.48

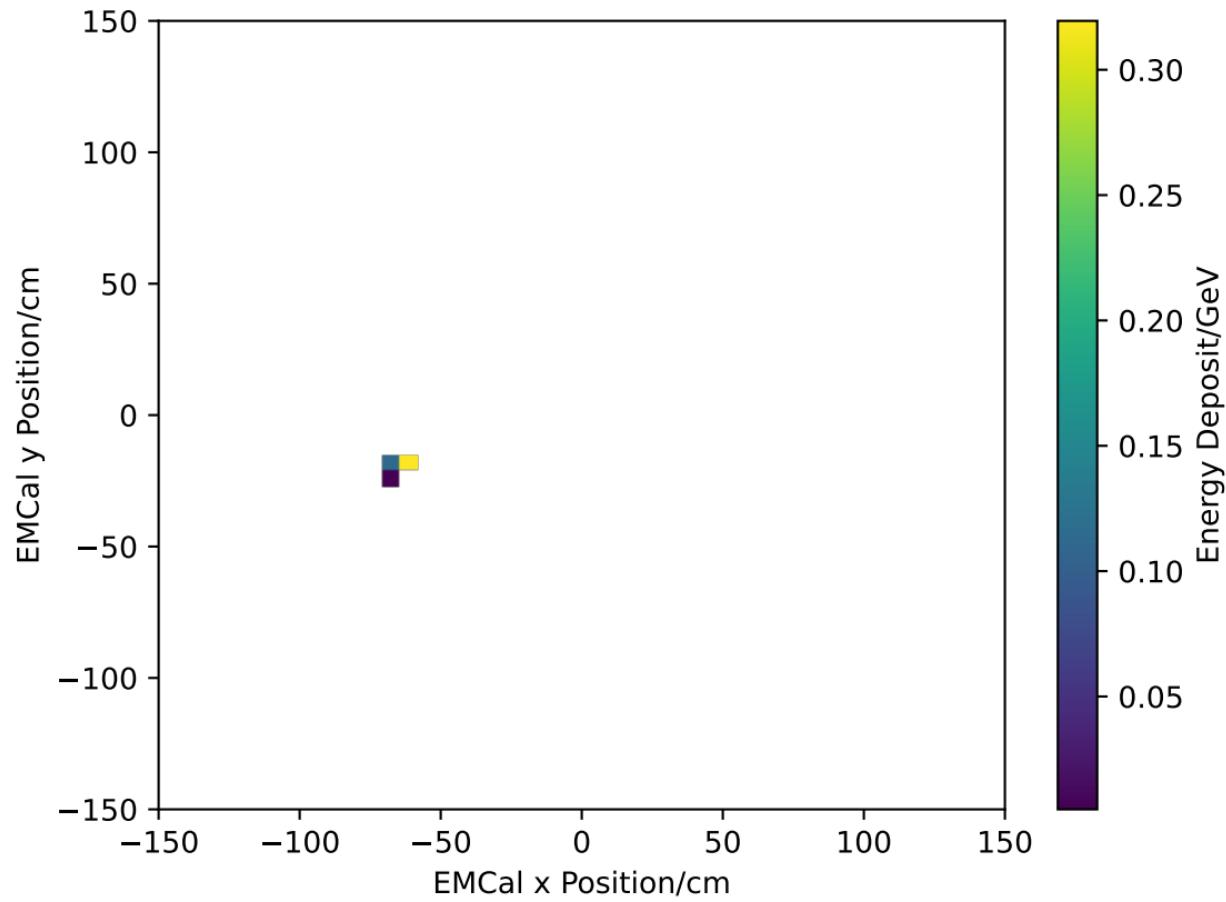
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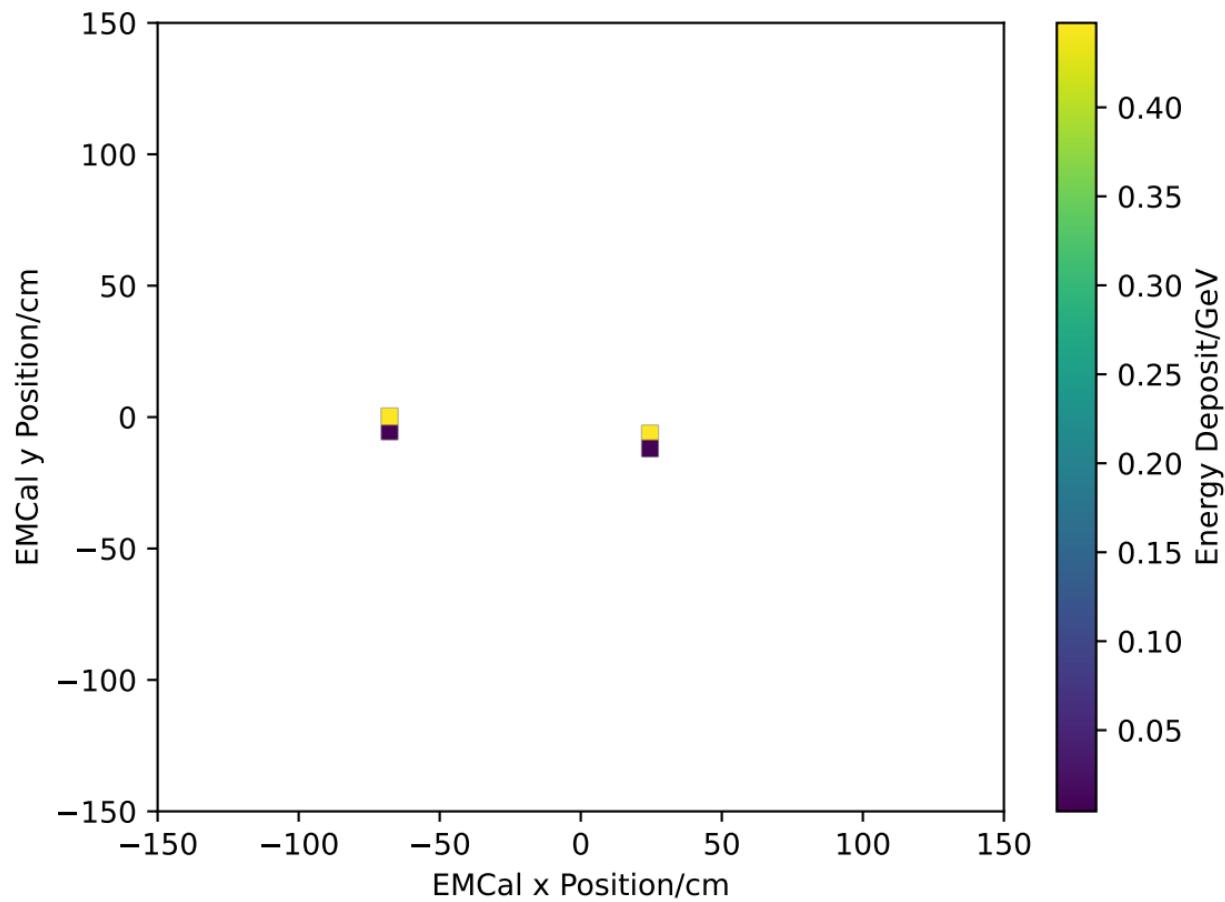
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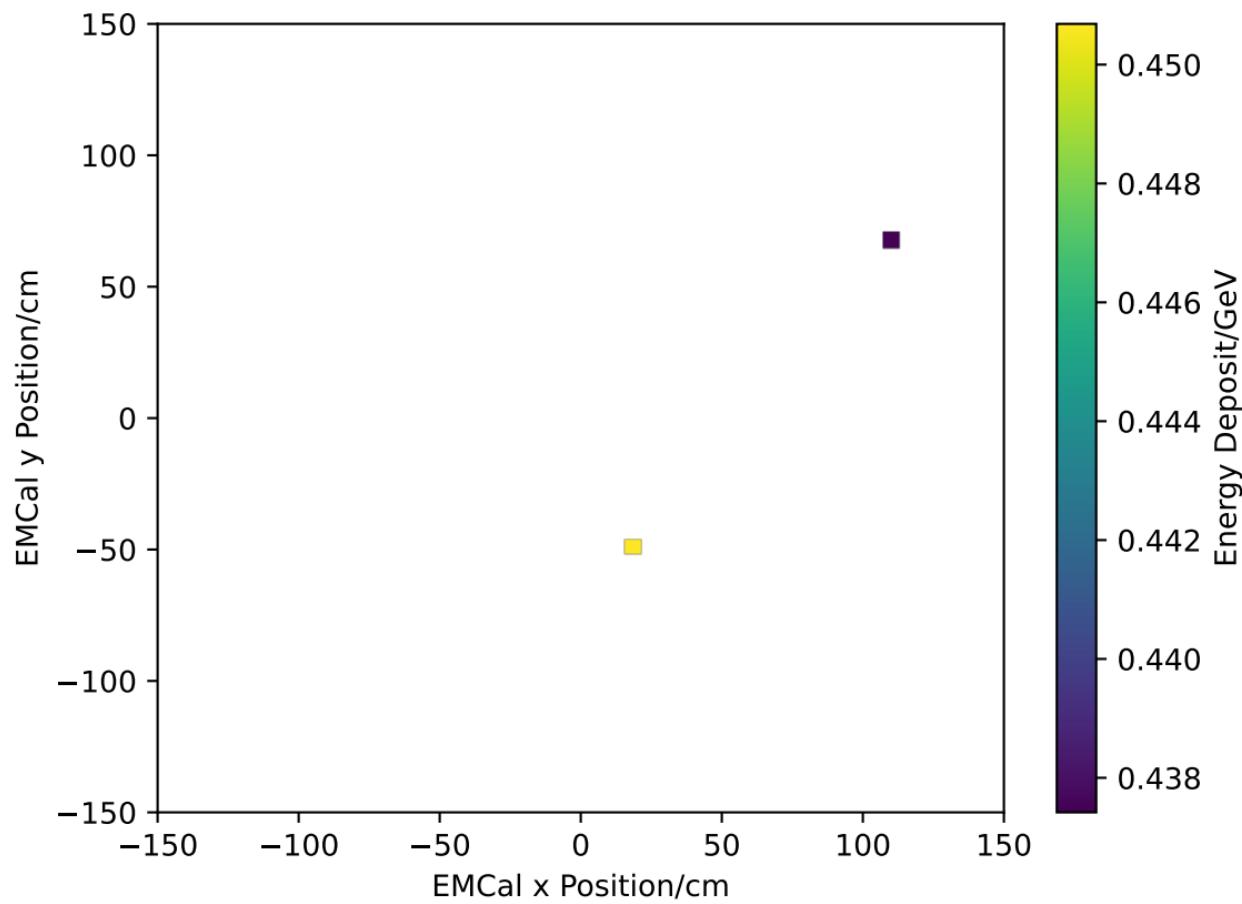
0.42

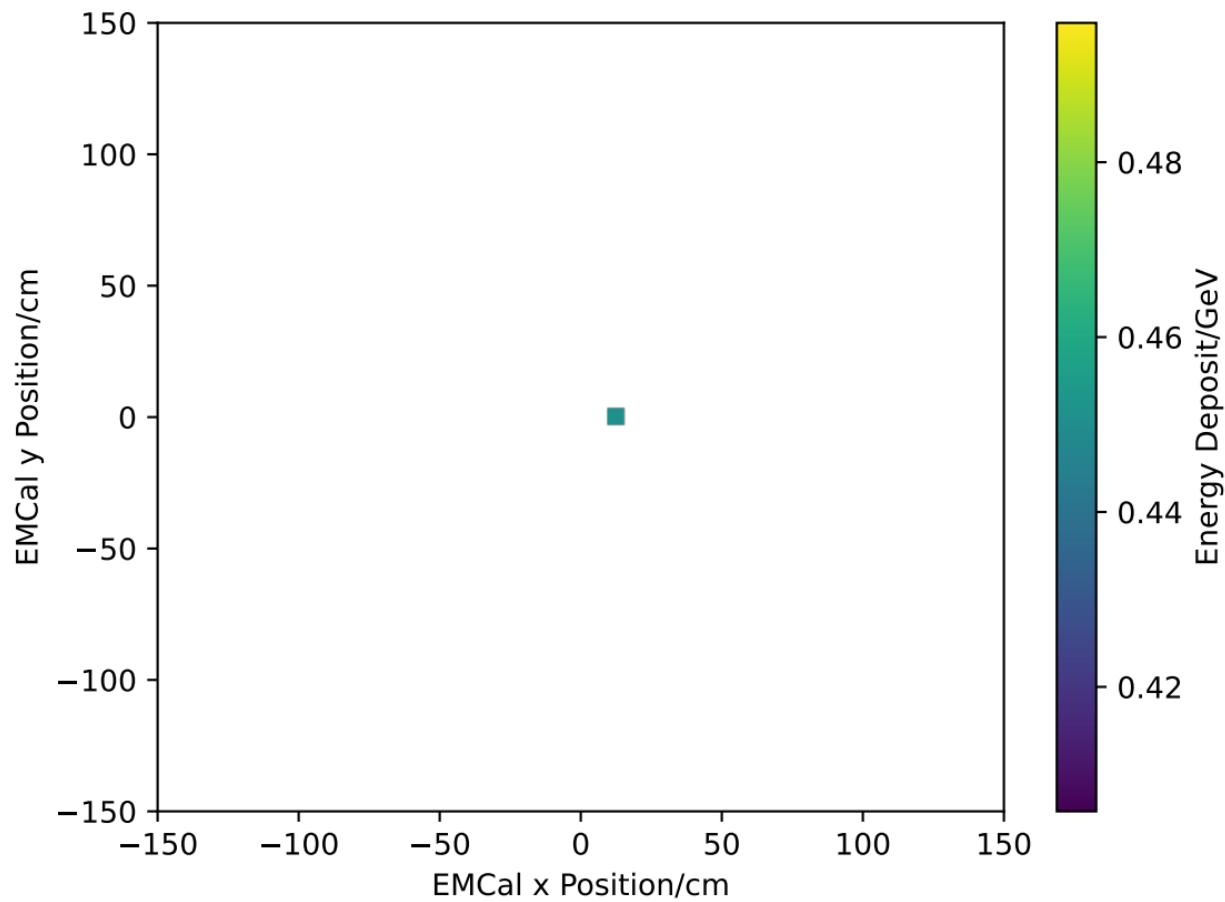


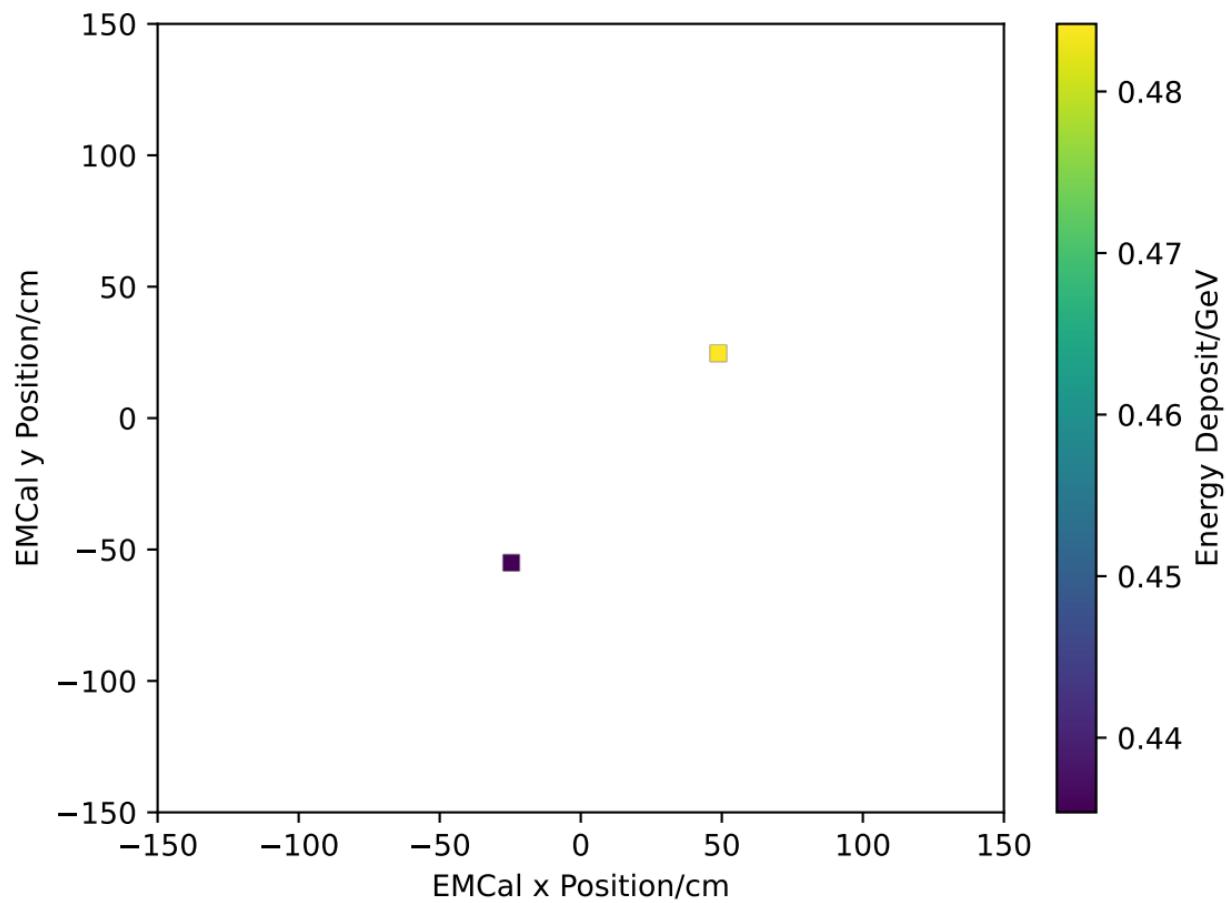


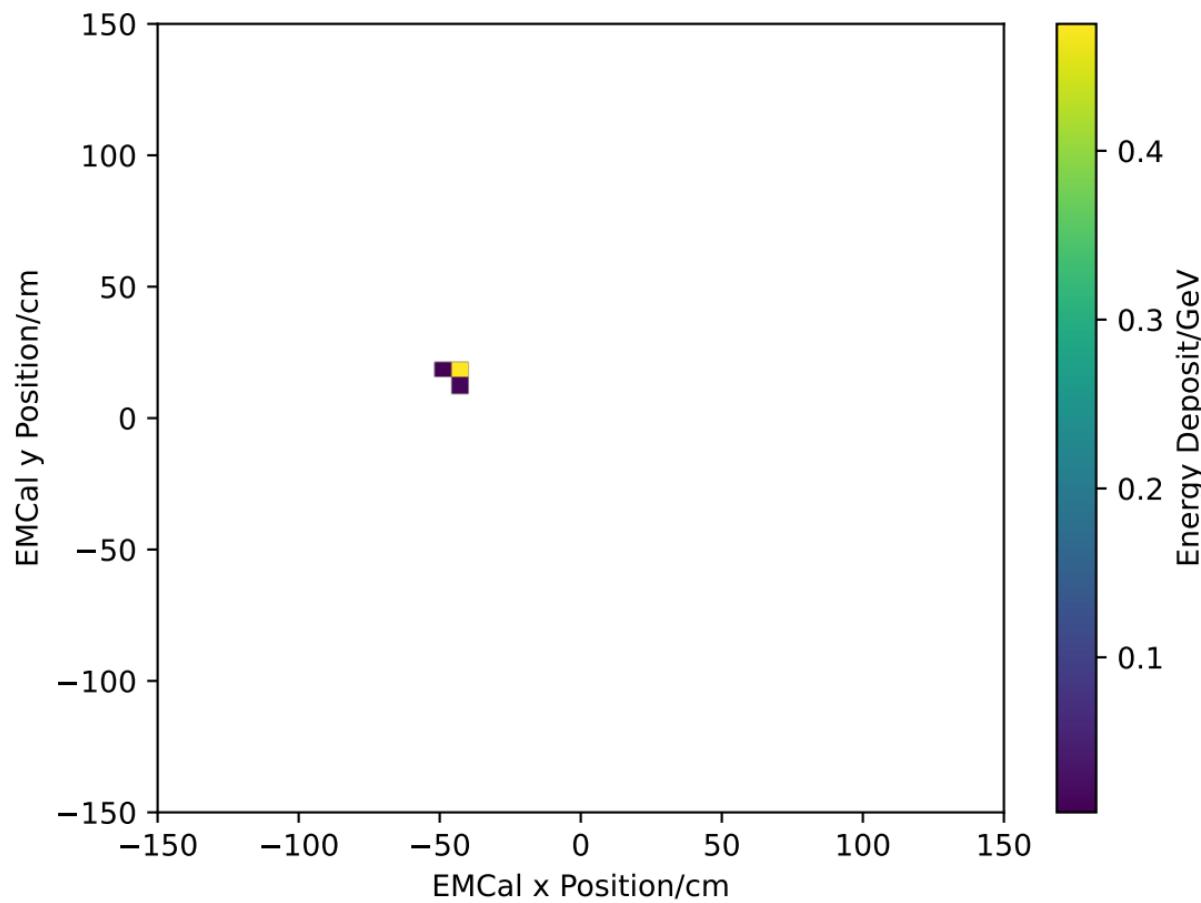


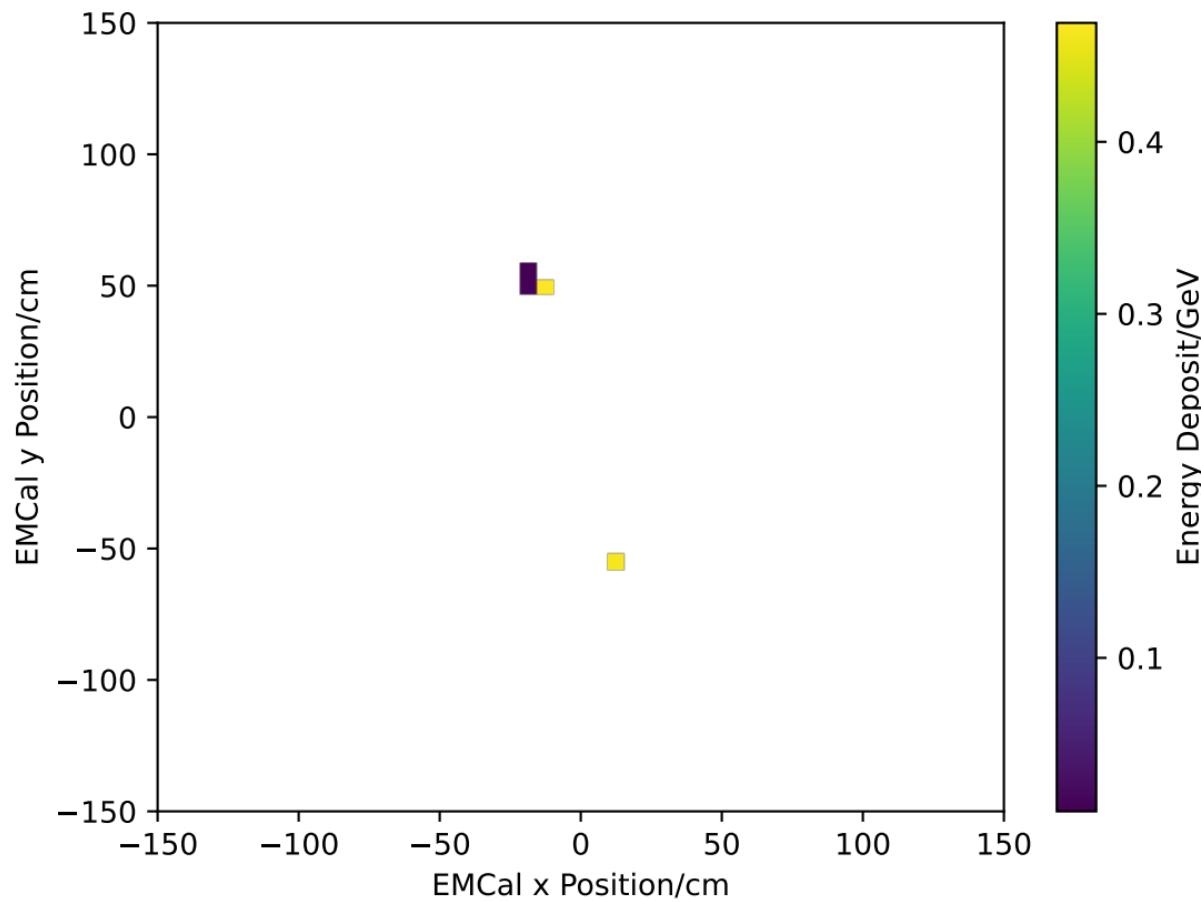




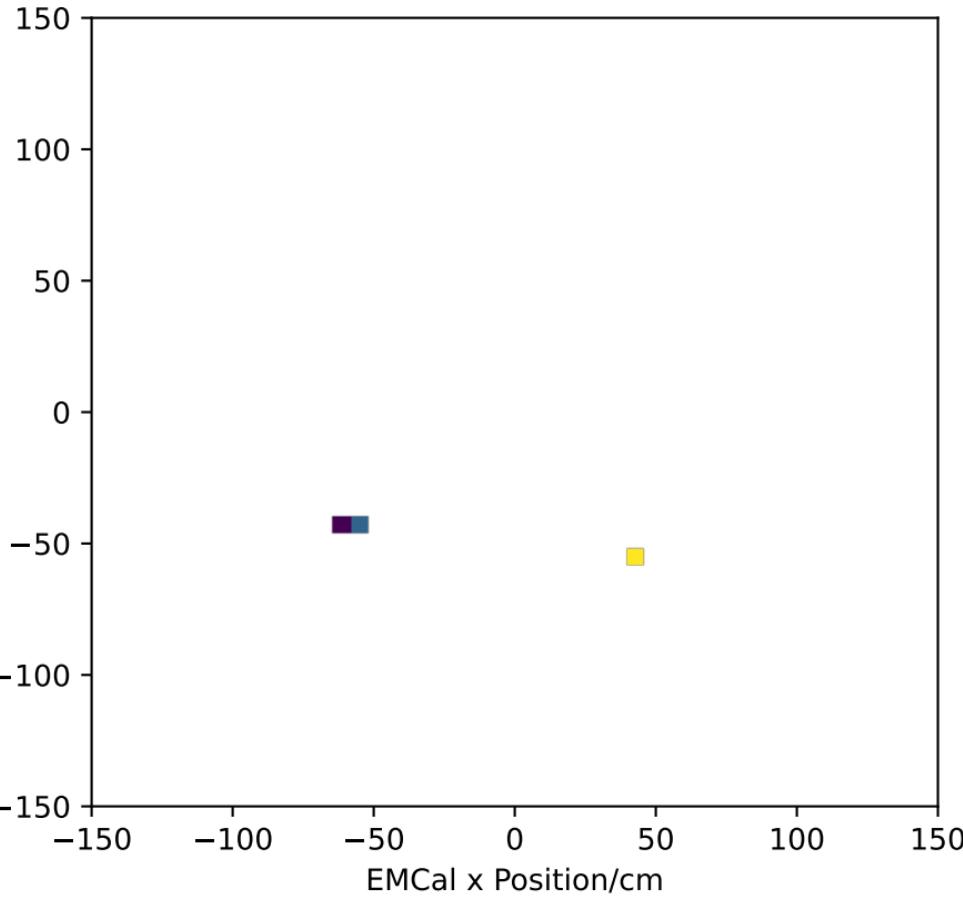




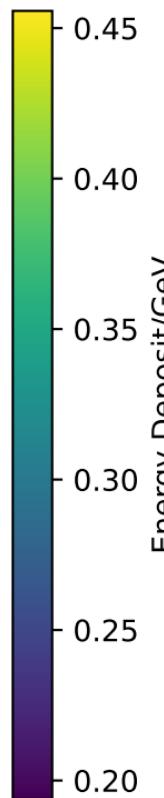




EMCal y Position/cm



EMCal x Position/cm



EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

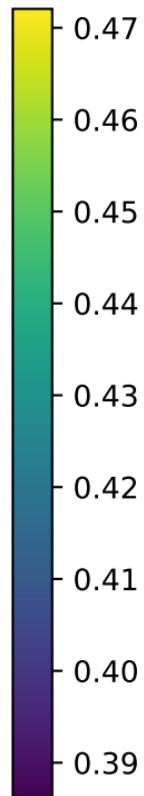
0

50

100

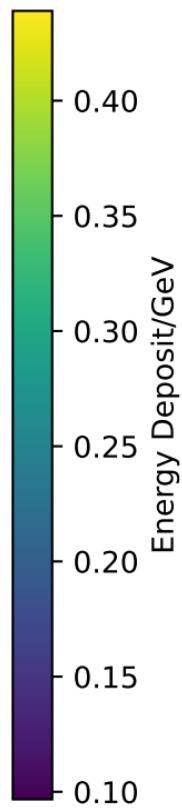
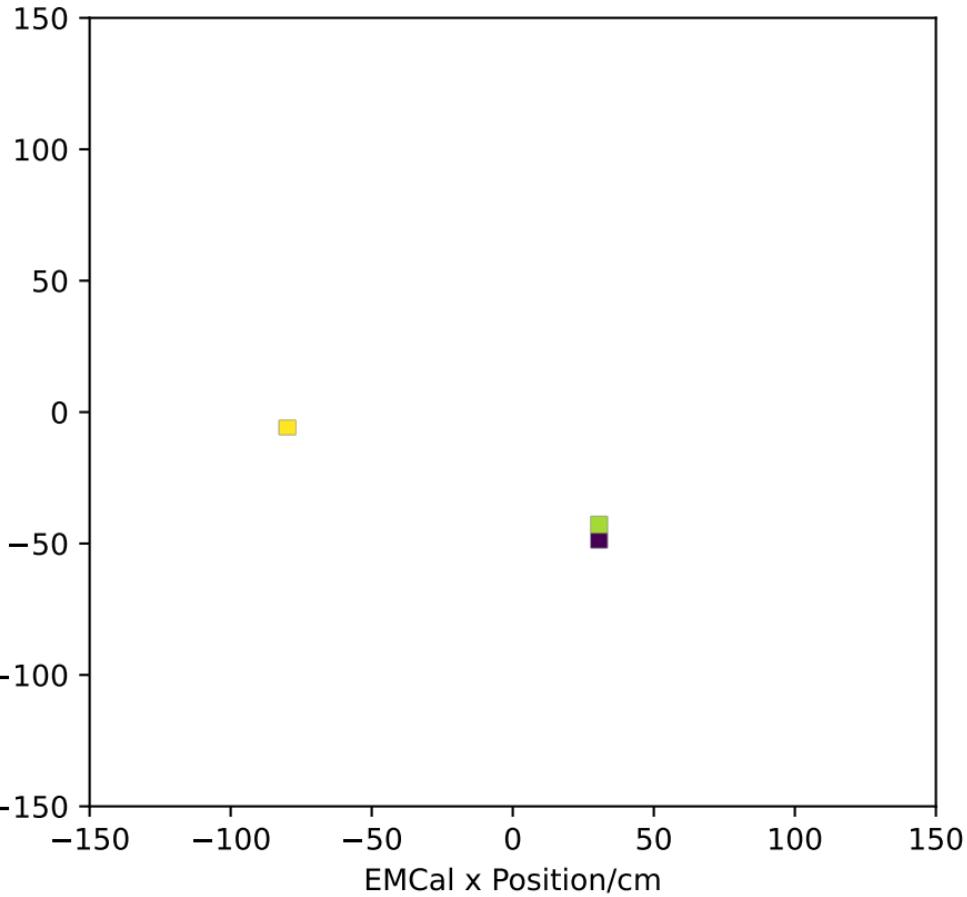
150

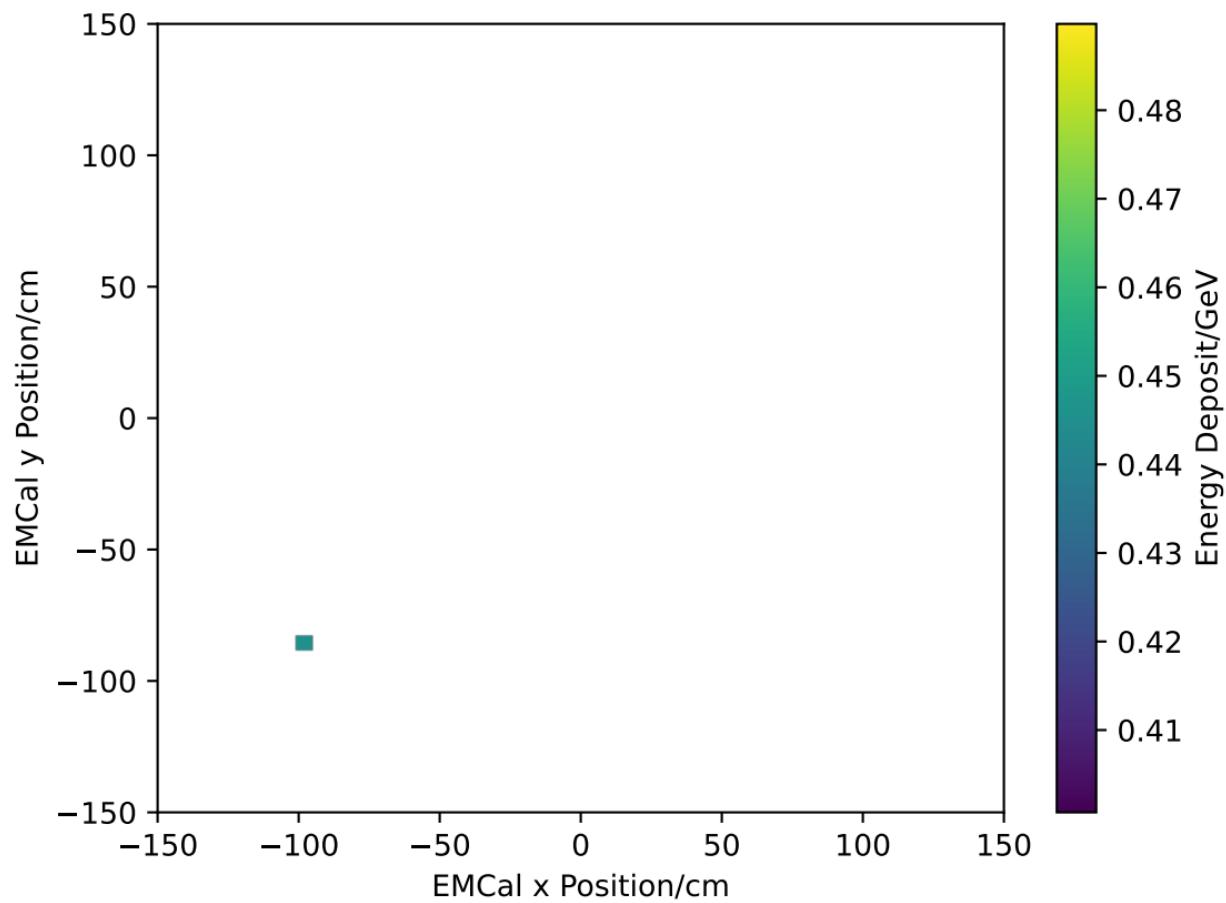
EMCal x Position/cm

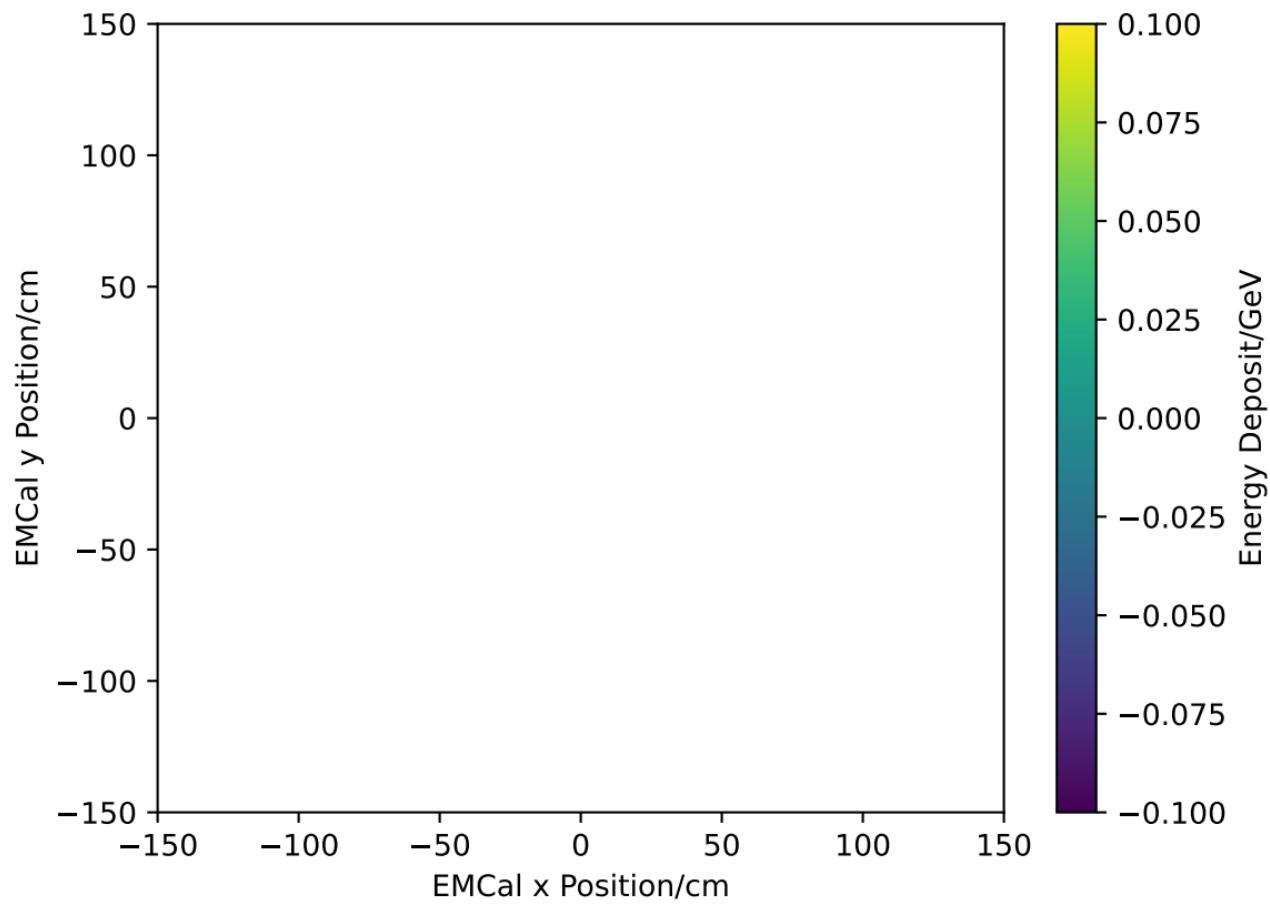


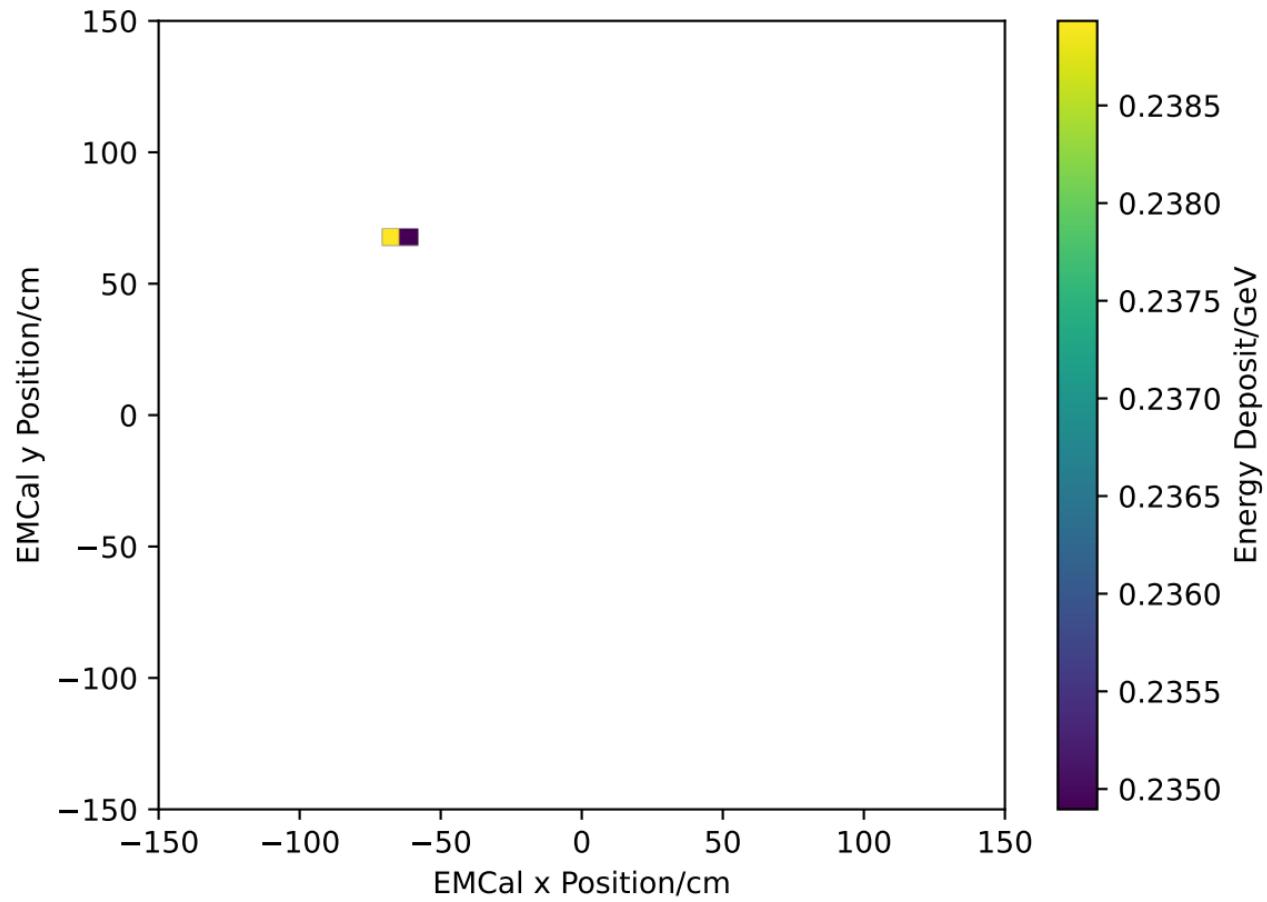
Energy Deposit/GeV

EMCal y Position/cm









EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

0.30

0.25

0.20

0.15

0.10

0.05

EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

0

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

0.35

0.30

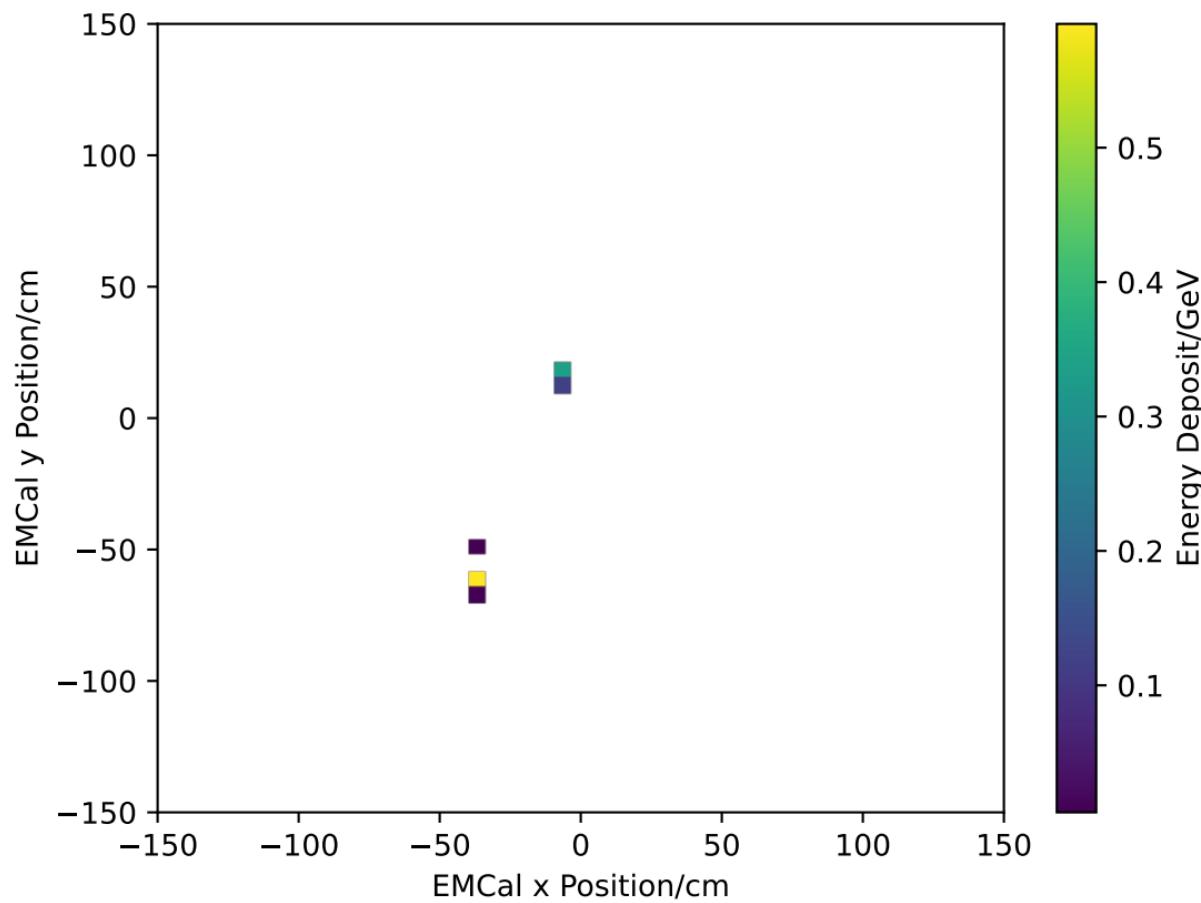
0.25

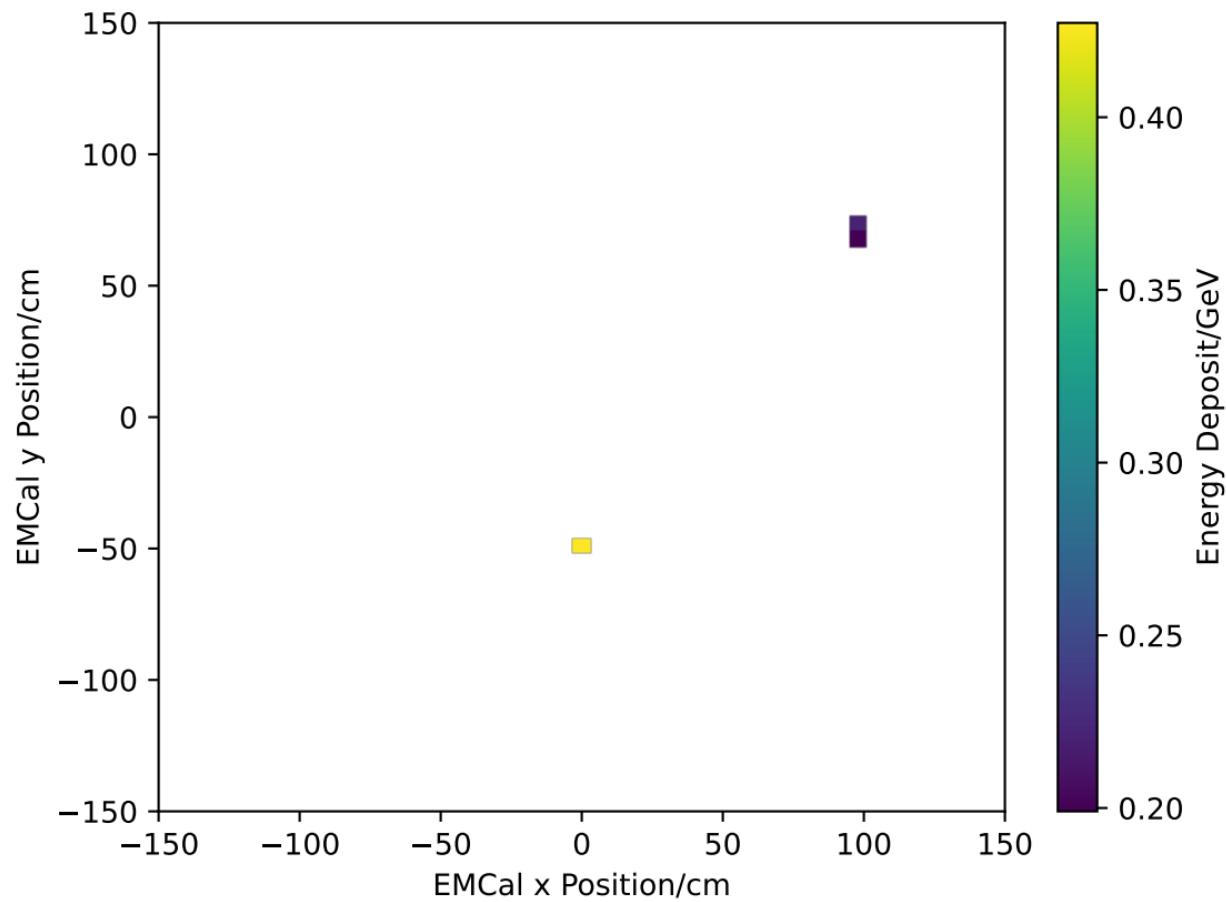
0.20

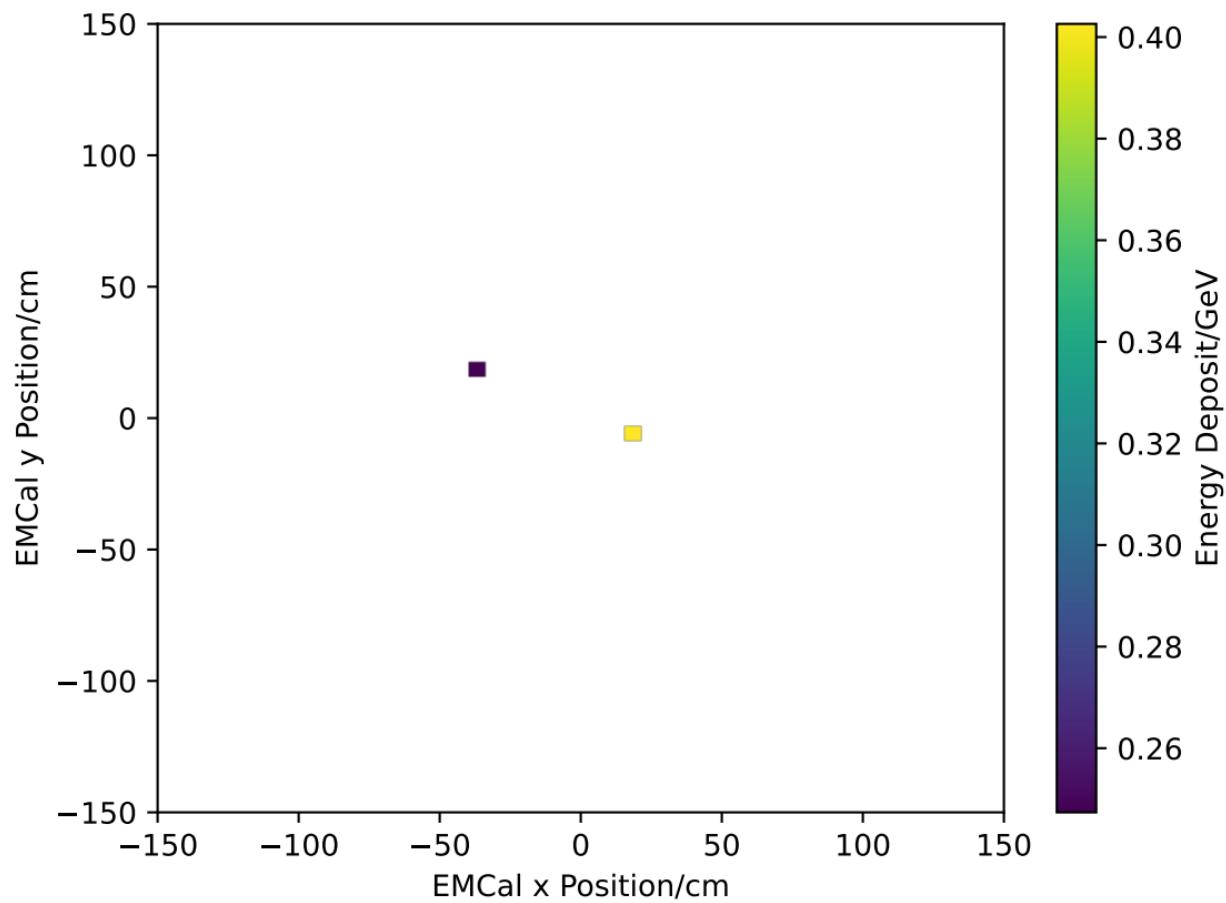
0.15

0.10

0.05







EMCal y Position/cm

150

100

50

0

-50

-100

-150

-150

-100

-50

50

100

150

EMCal x Position/cm



Energy Deposit/GeV

0.20

0.15

0.10

0.05

