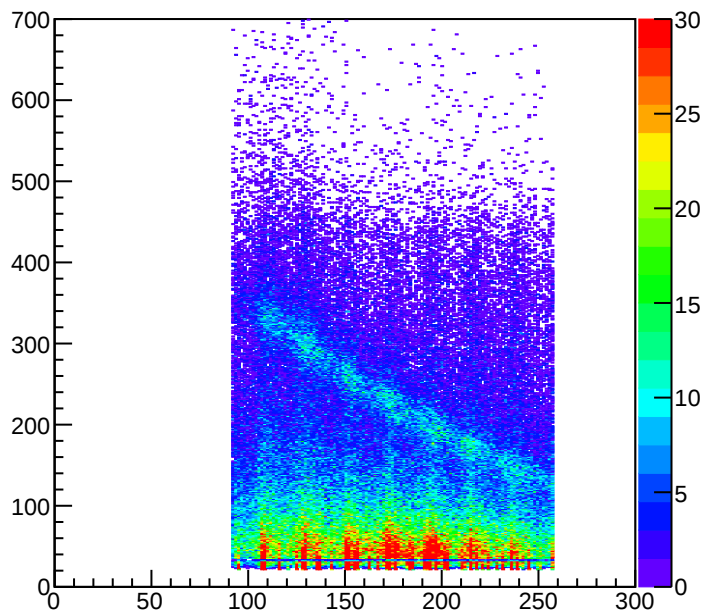
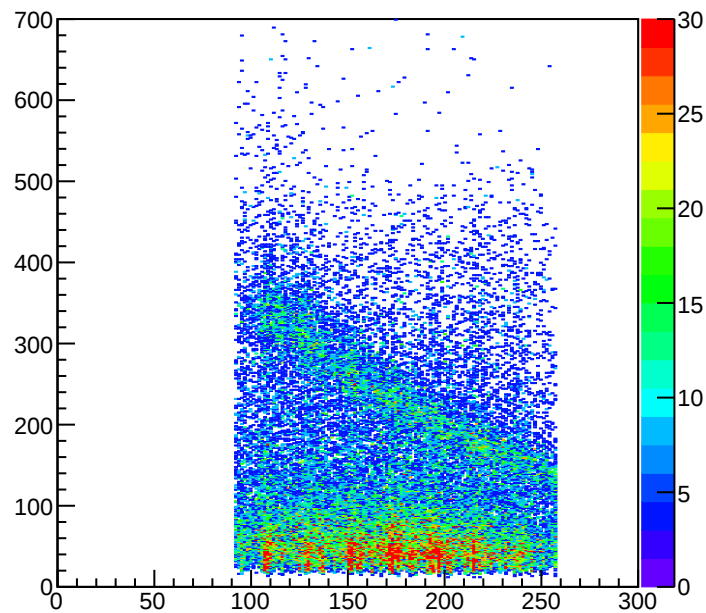


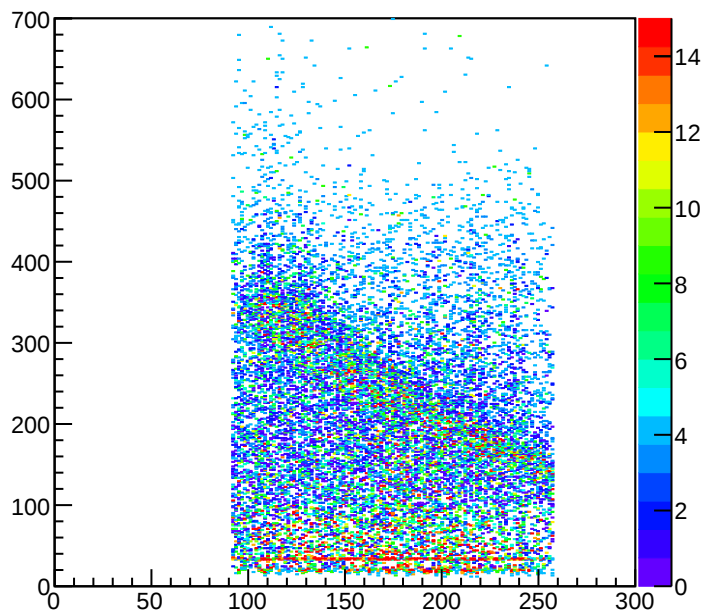
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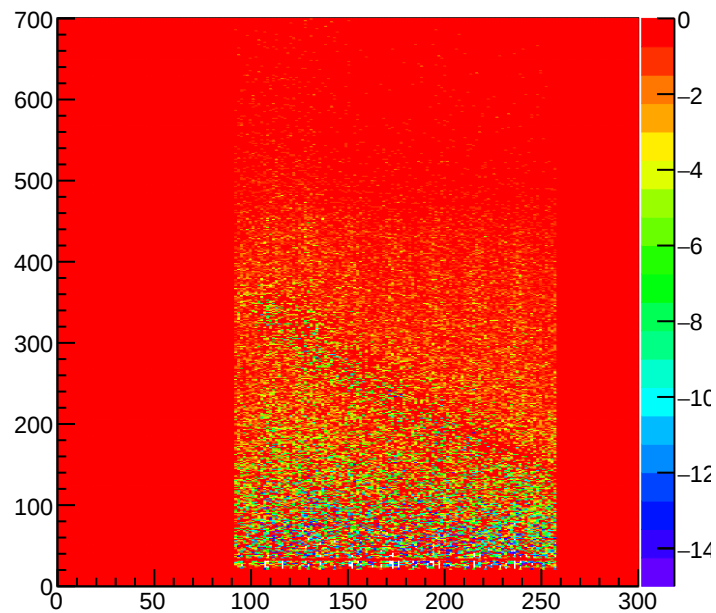
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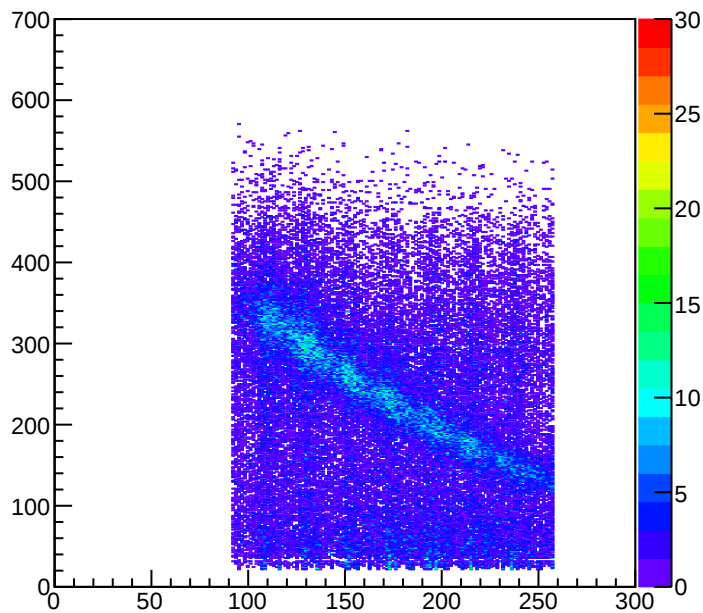
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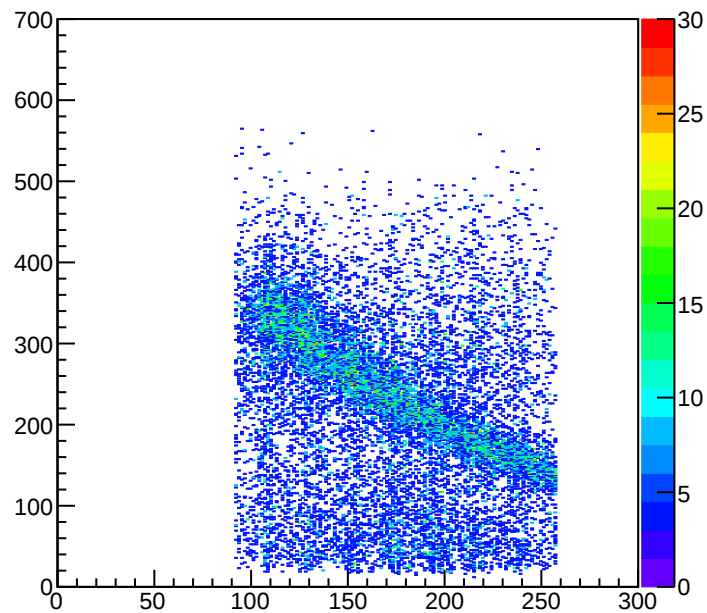
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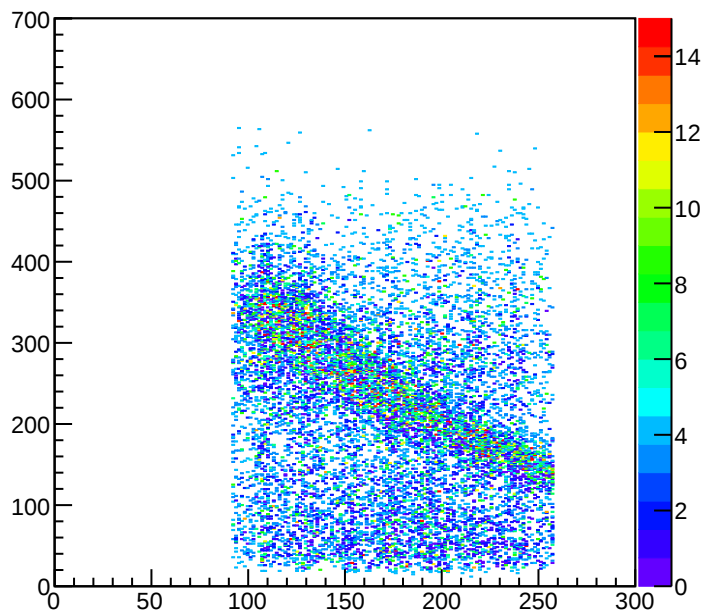
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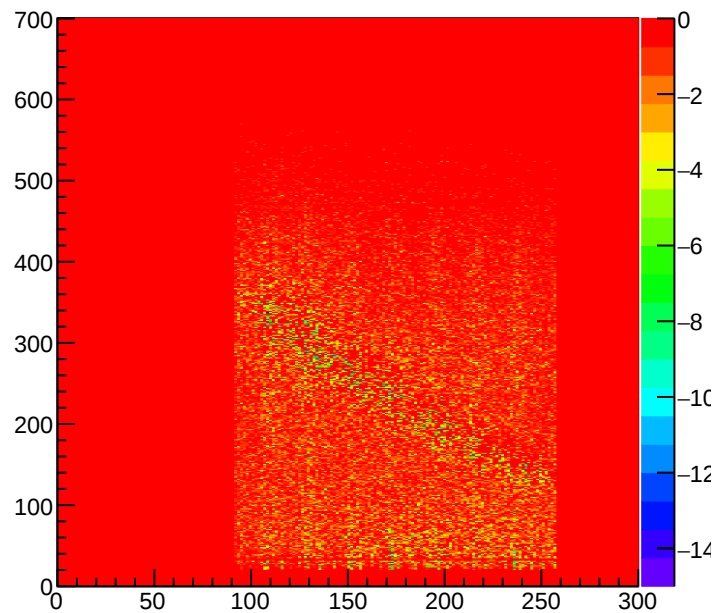
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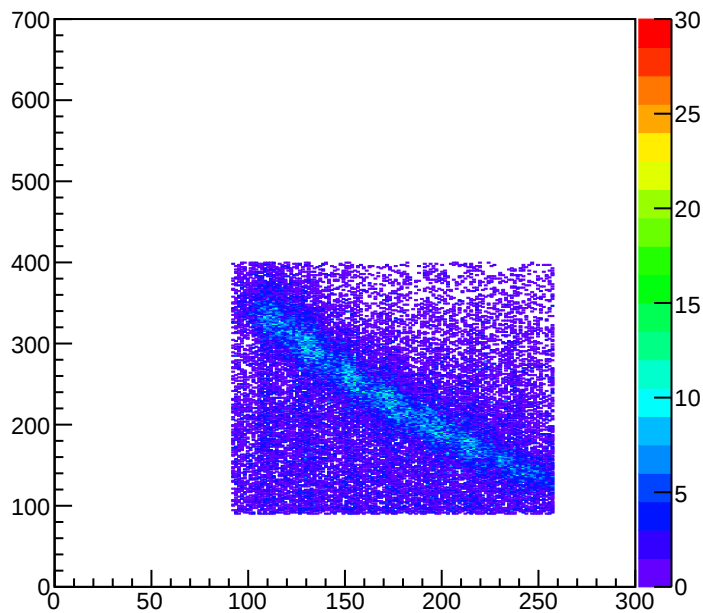
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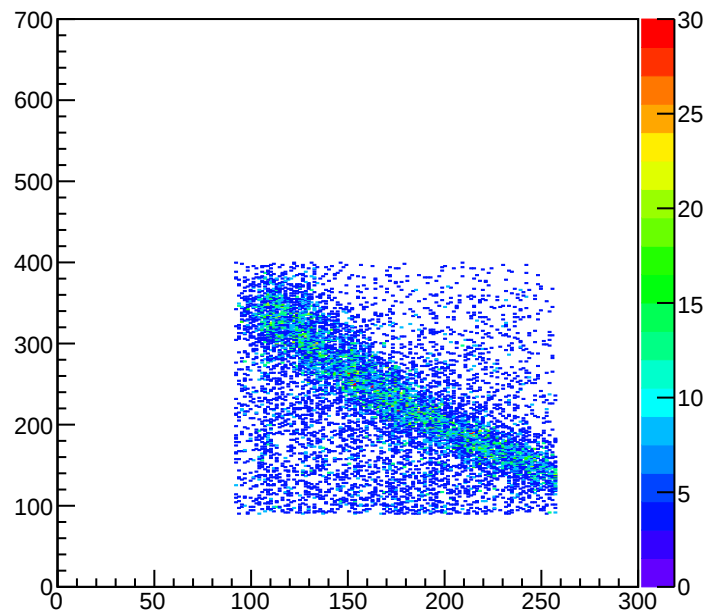
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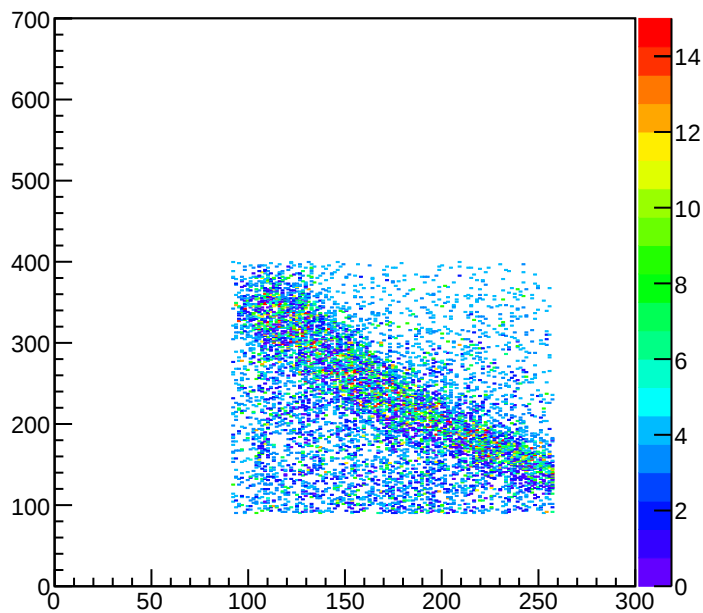
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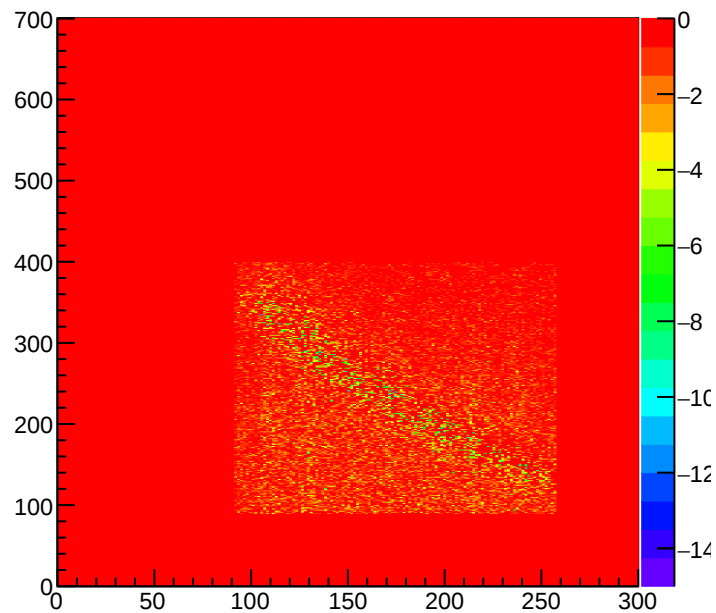
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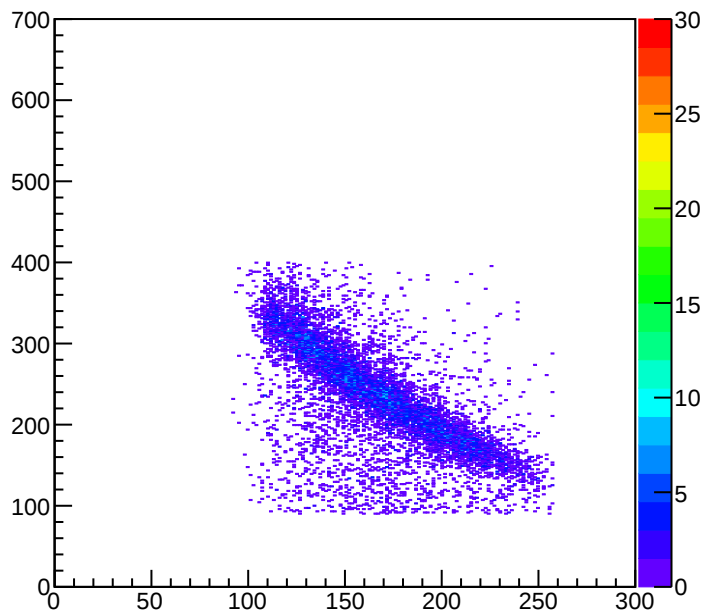
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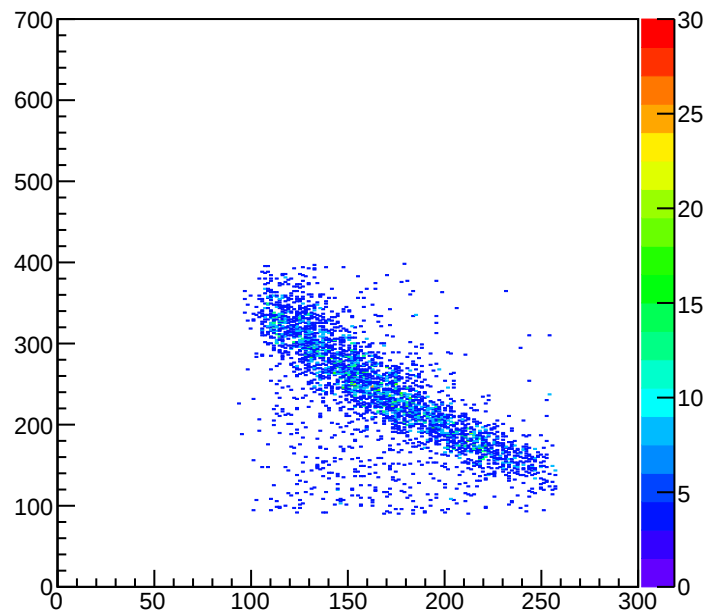
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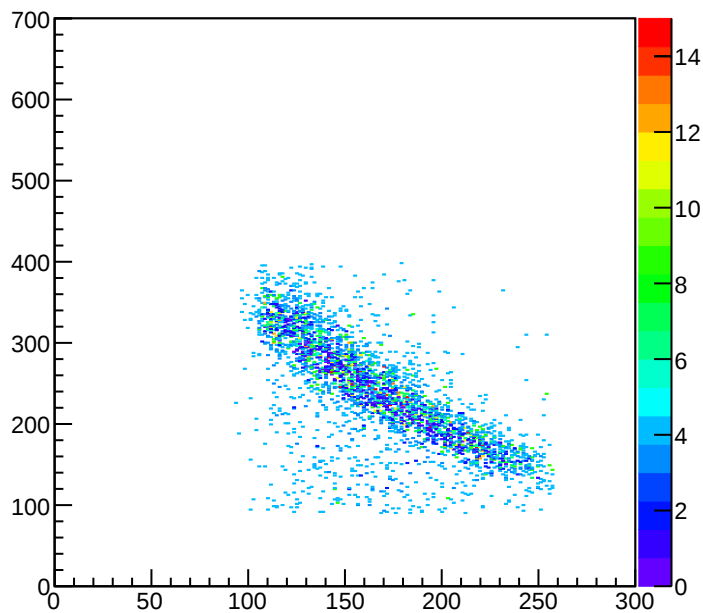
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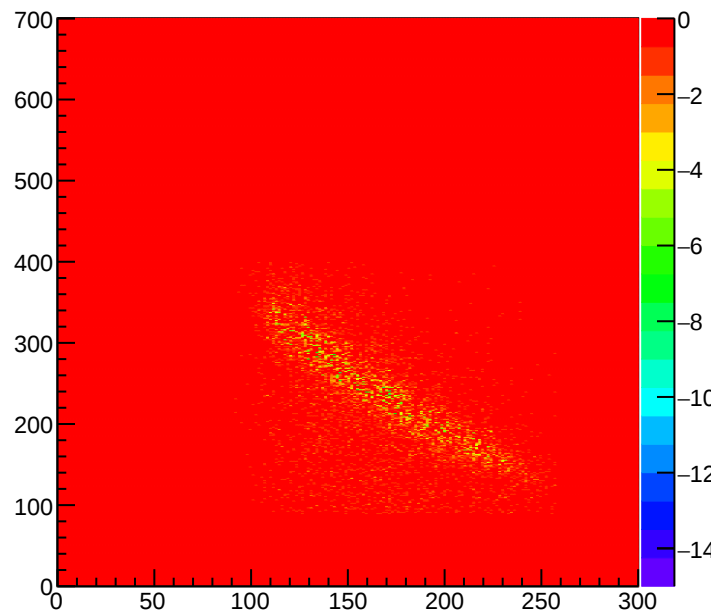
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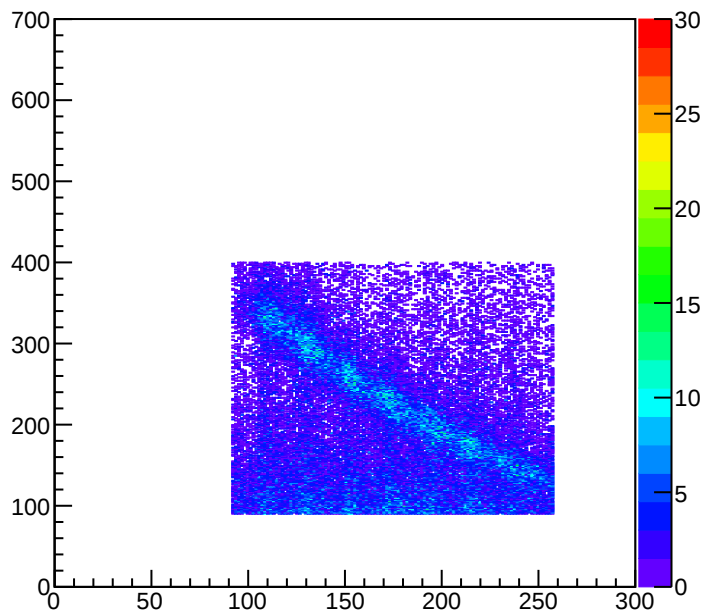
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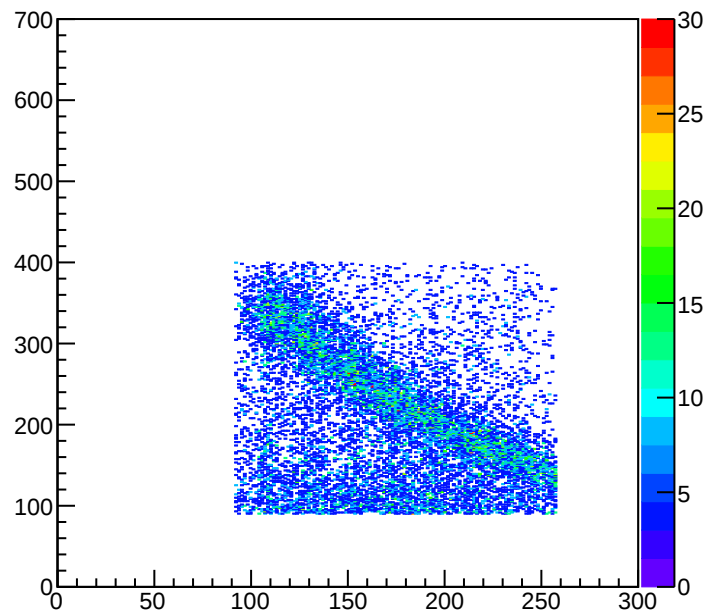
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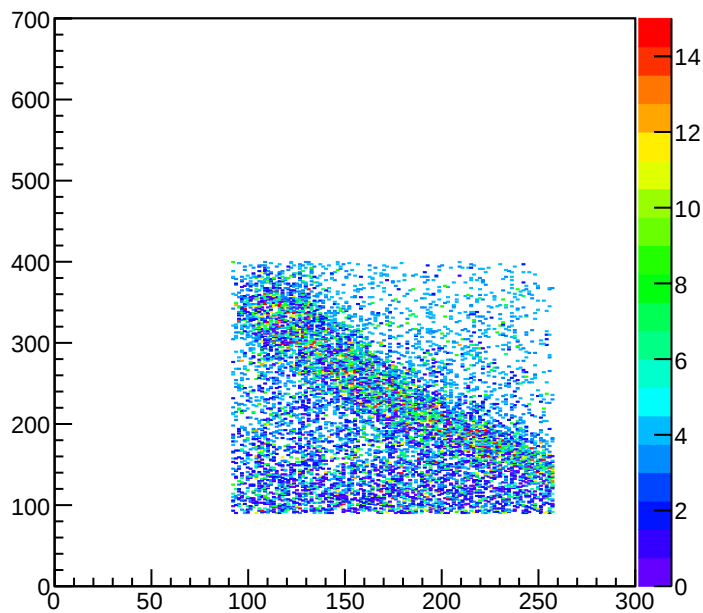
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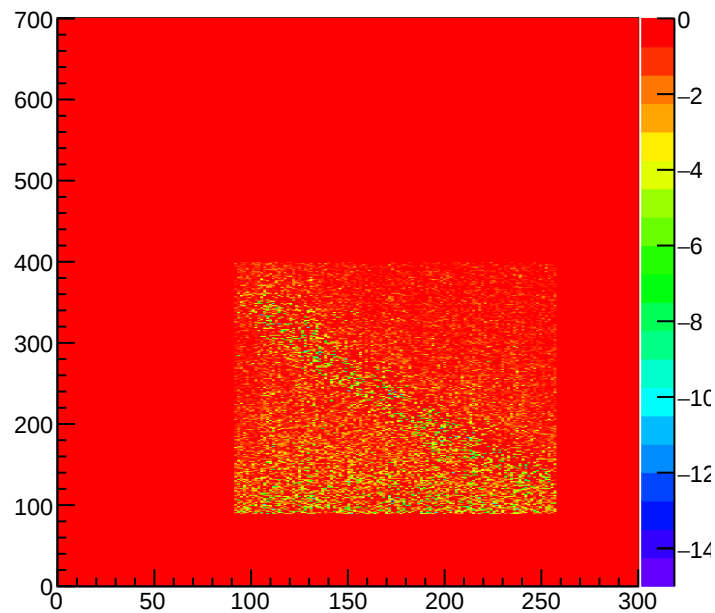
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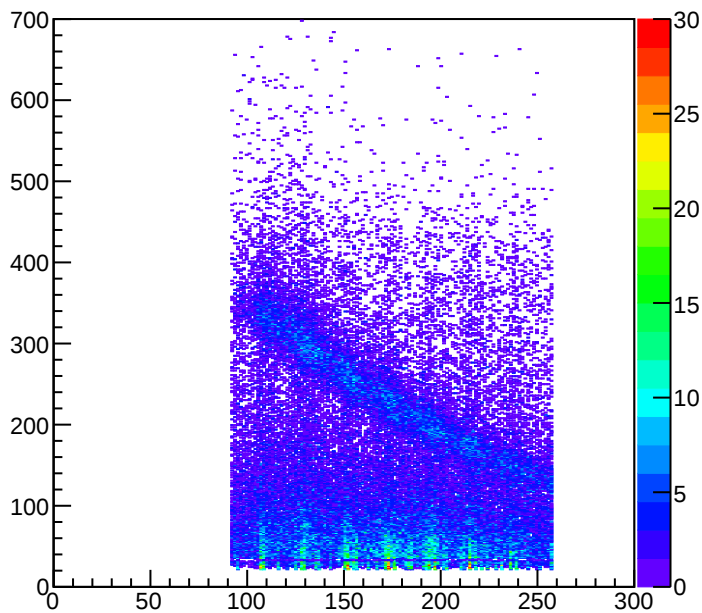
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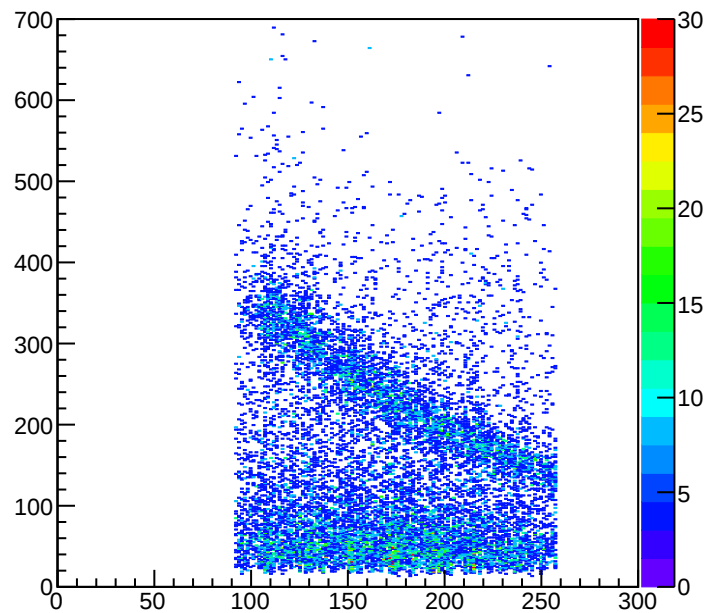
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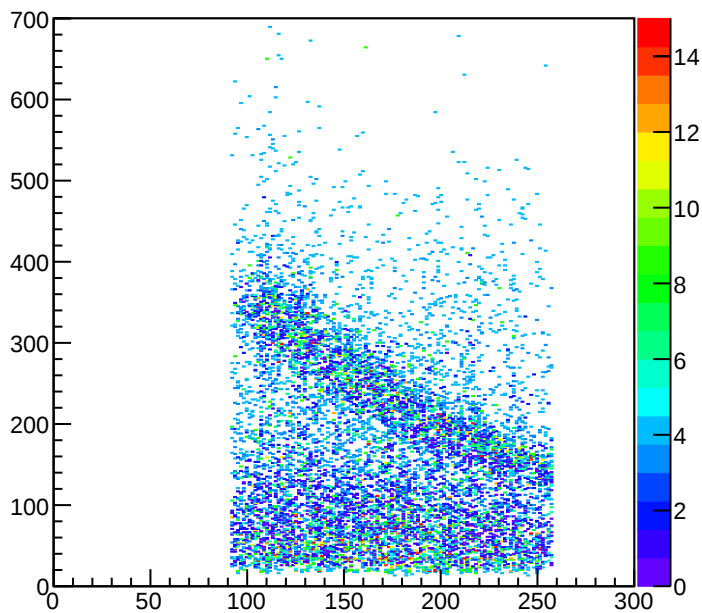
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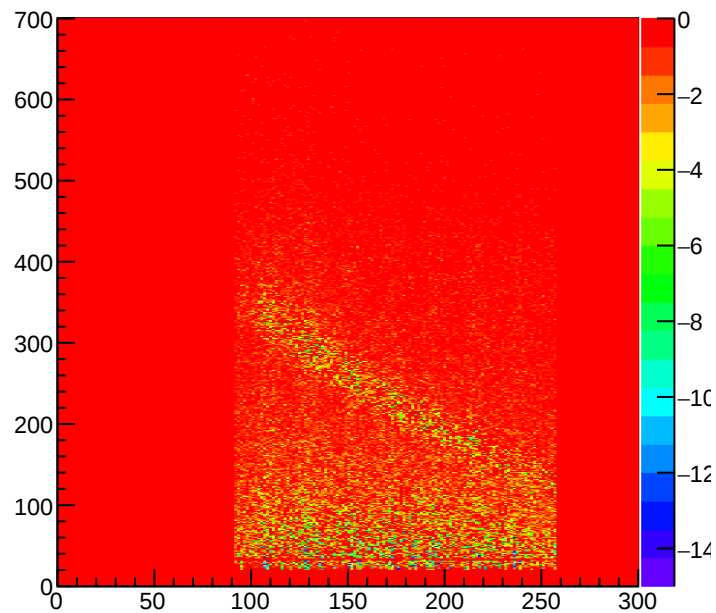
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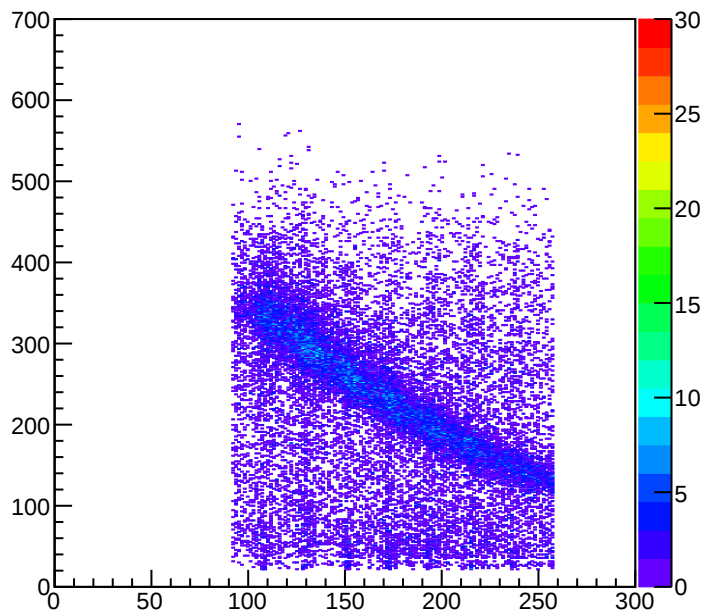
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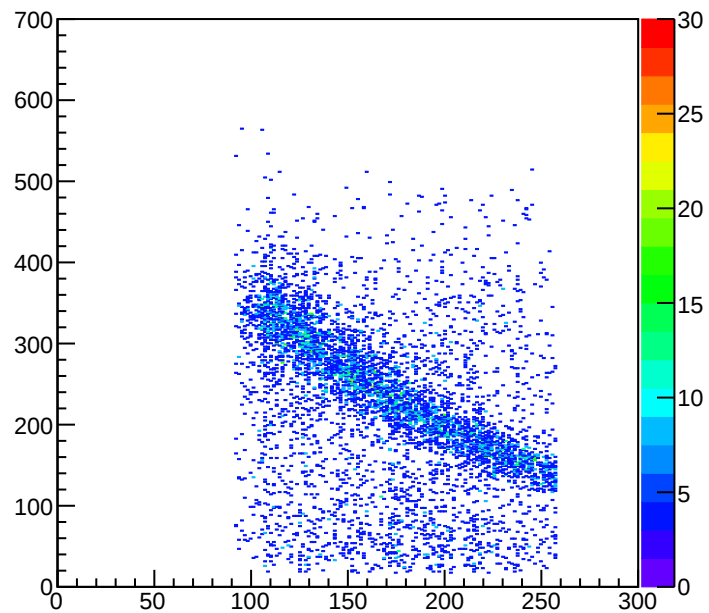
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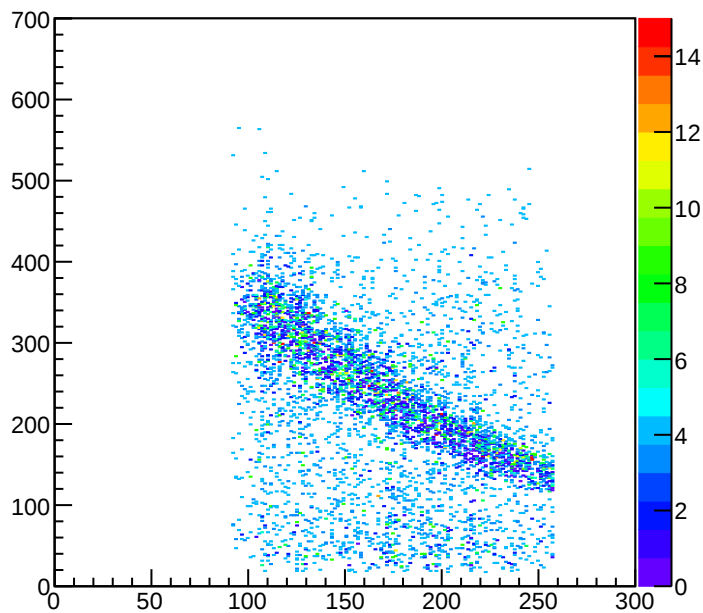
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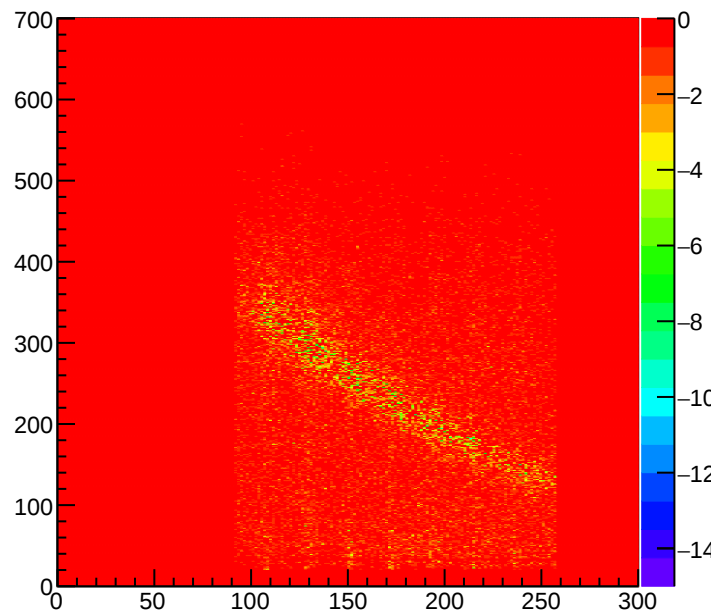
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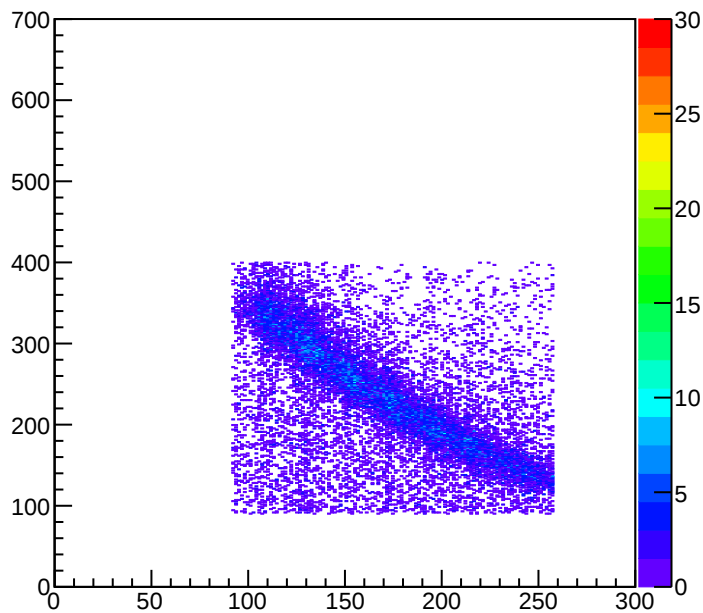
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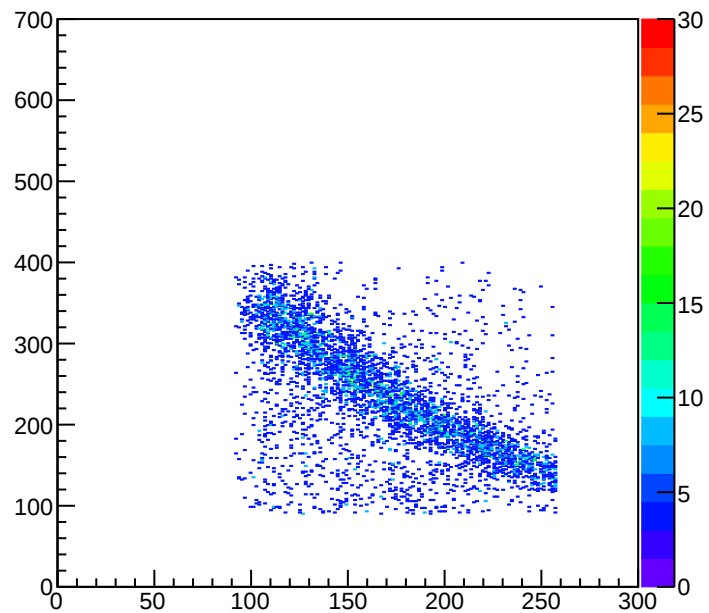
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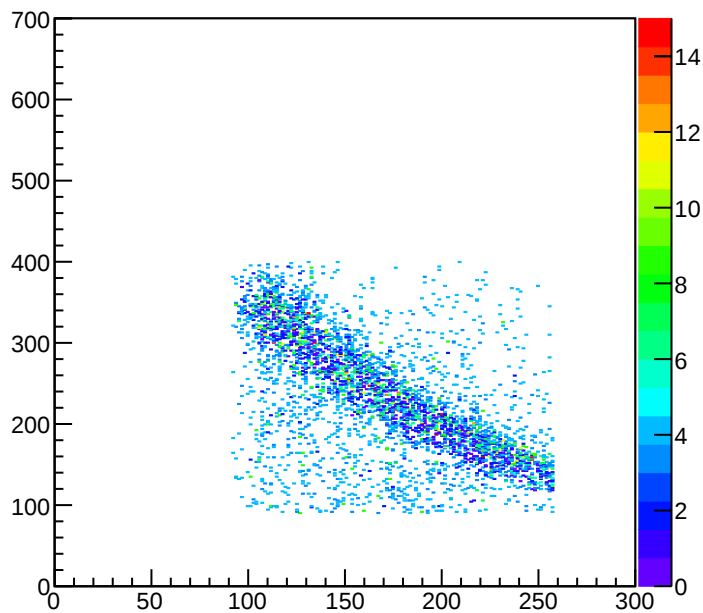
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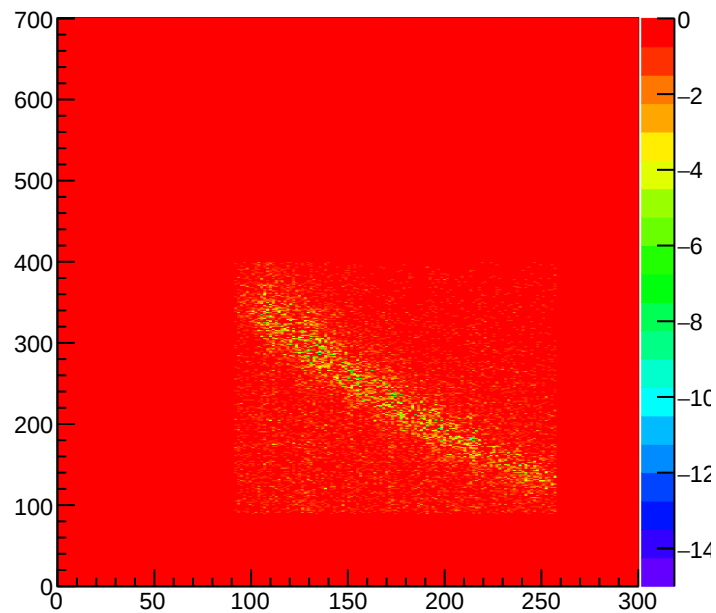
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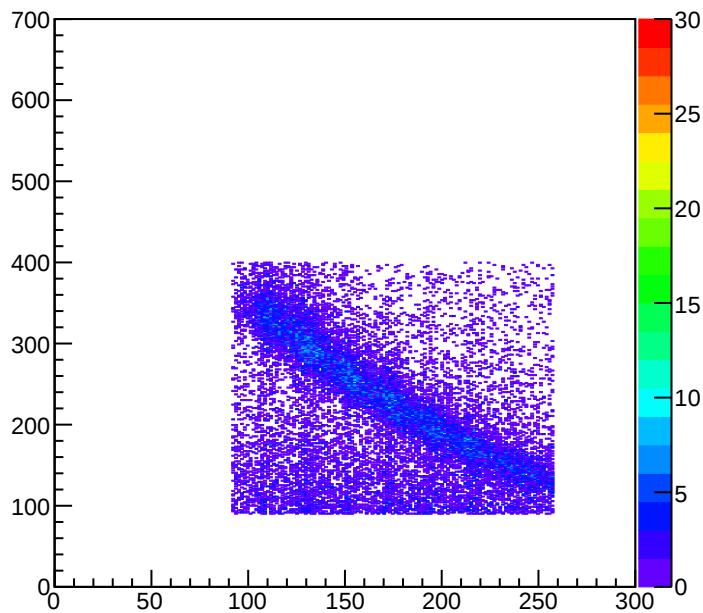
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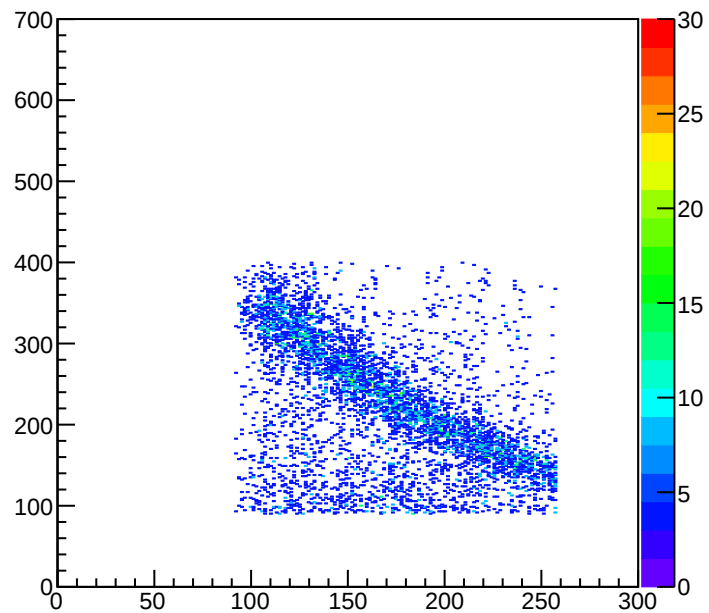
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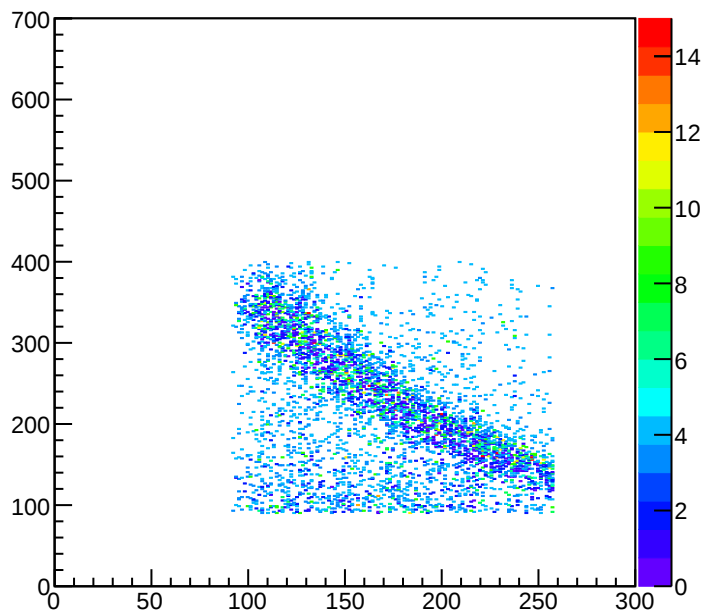
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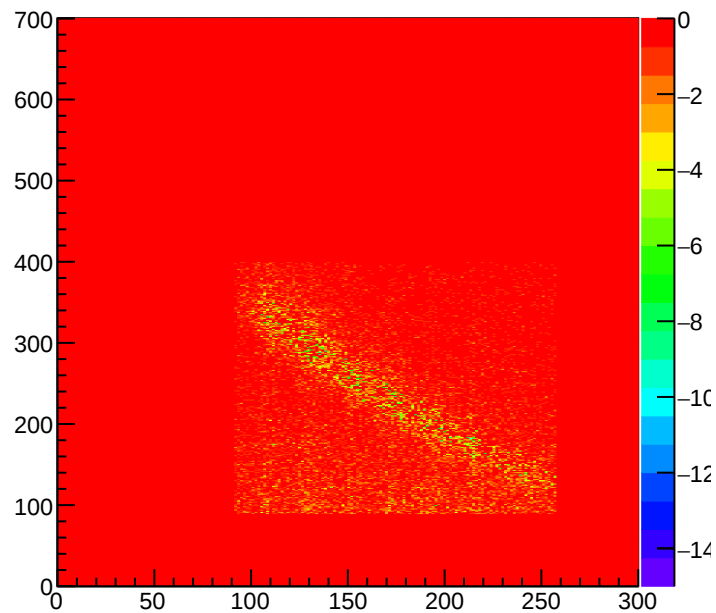
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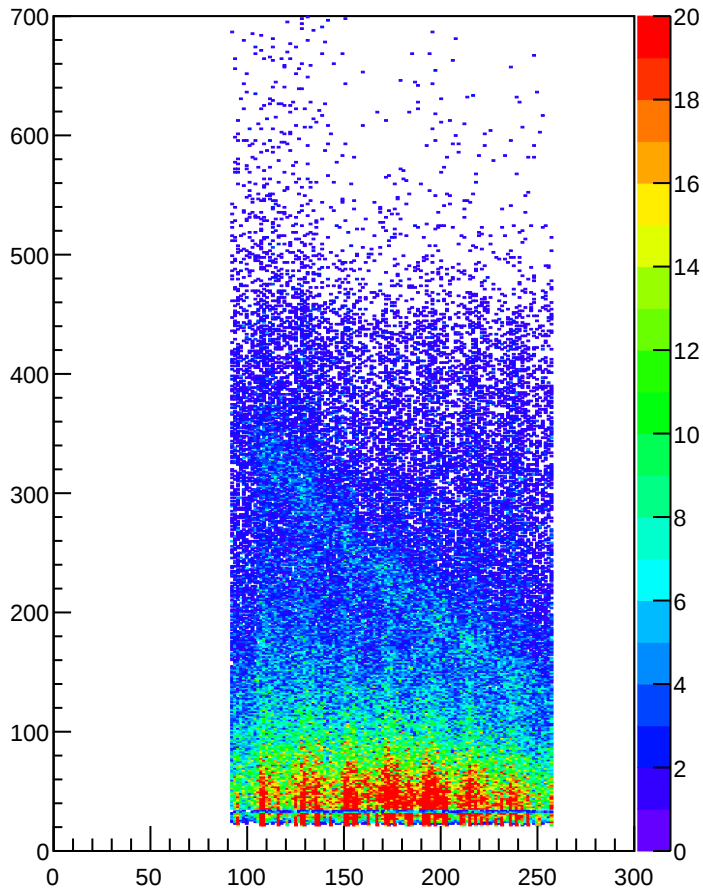
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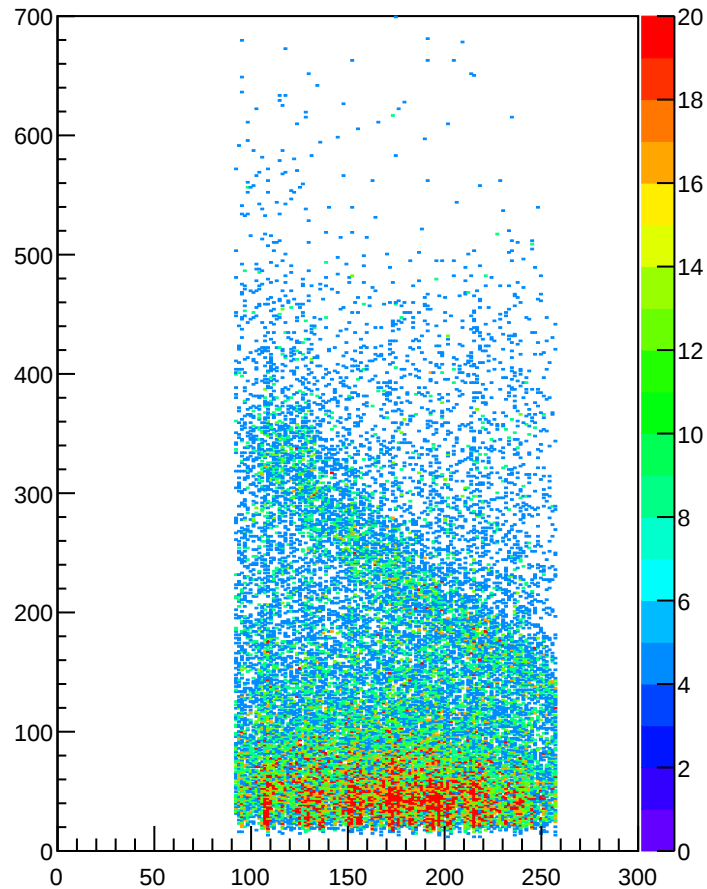
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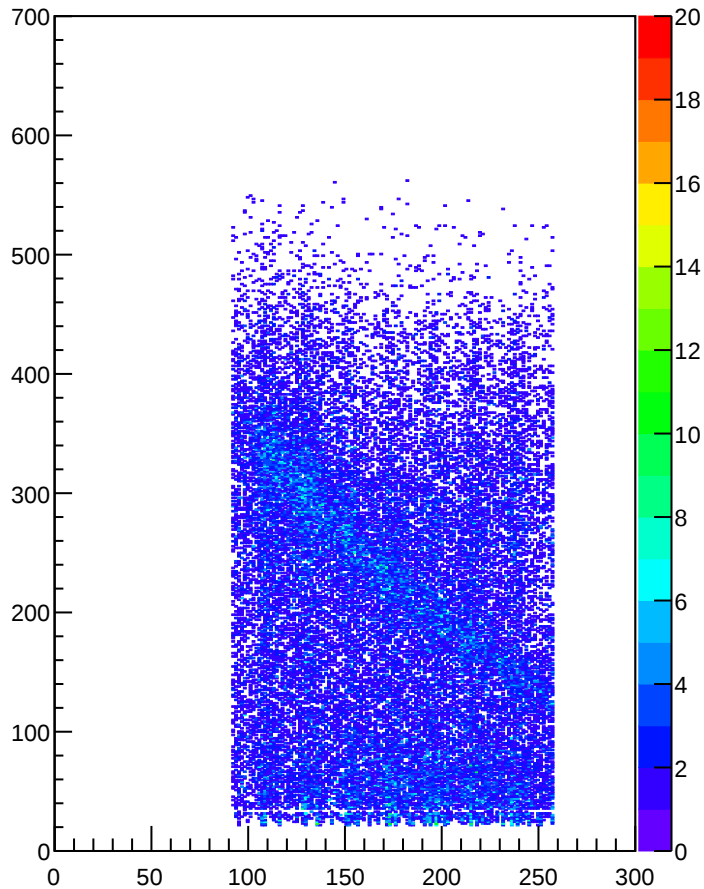
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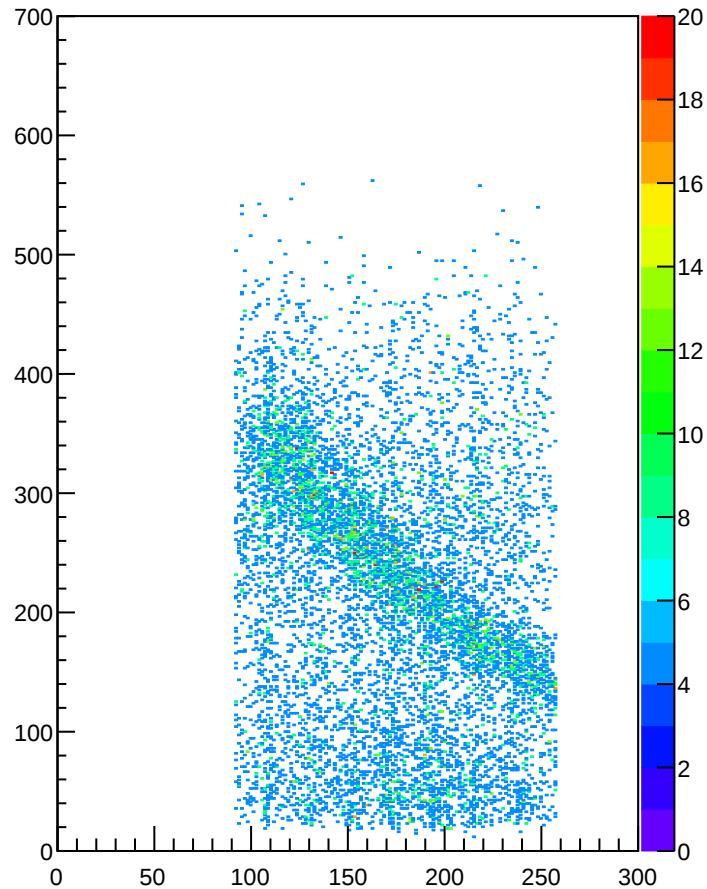
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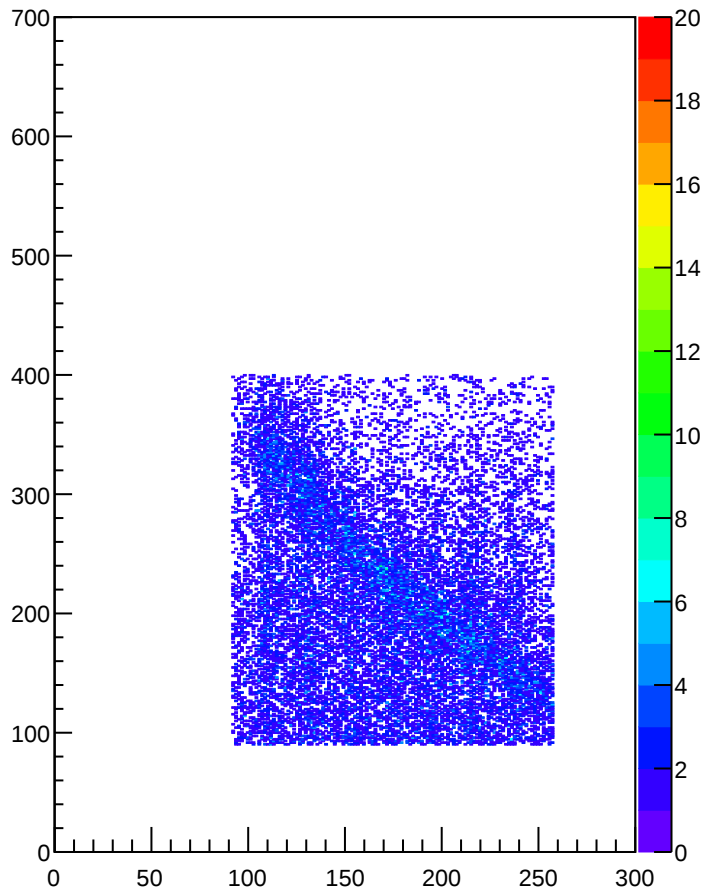
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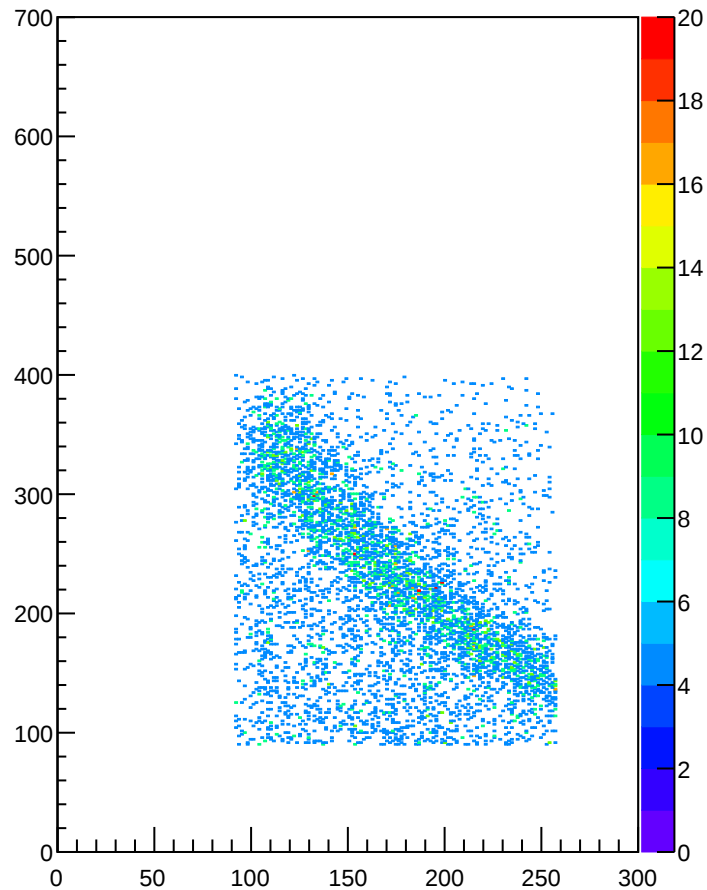
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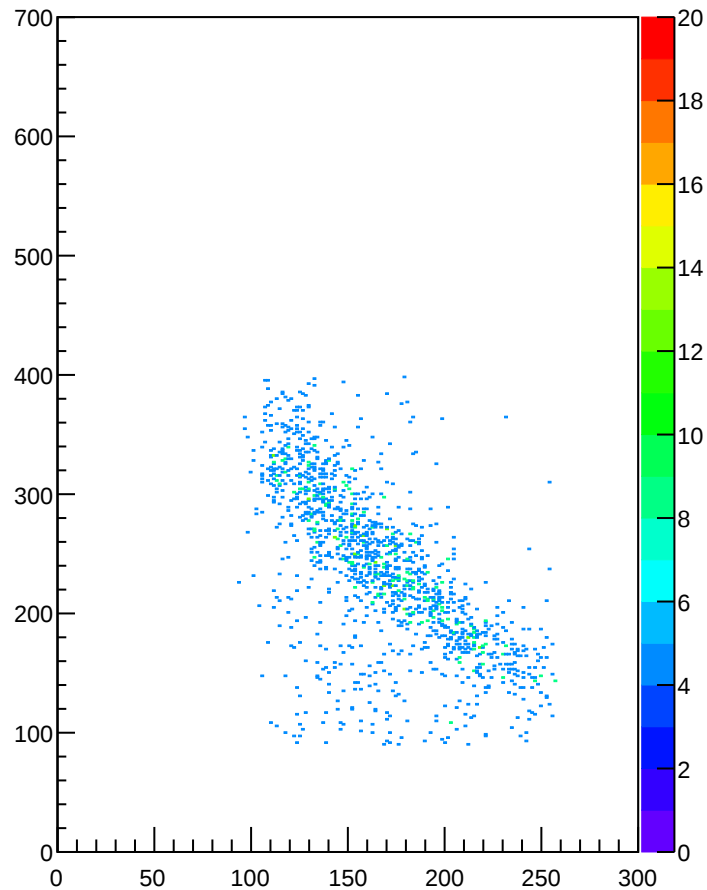
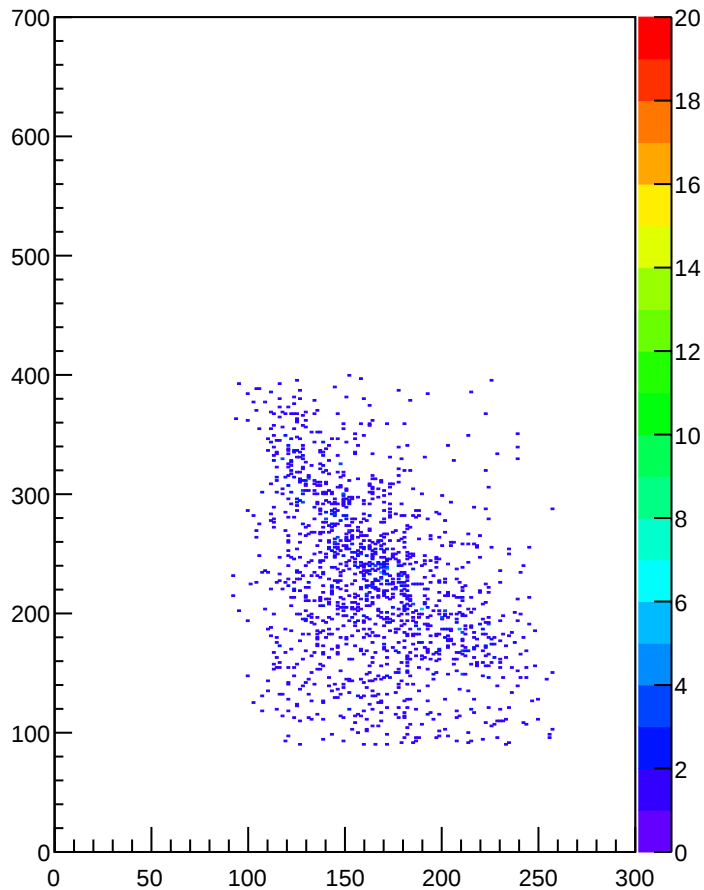


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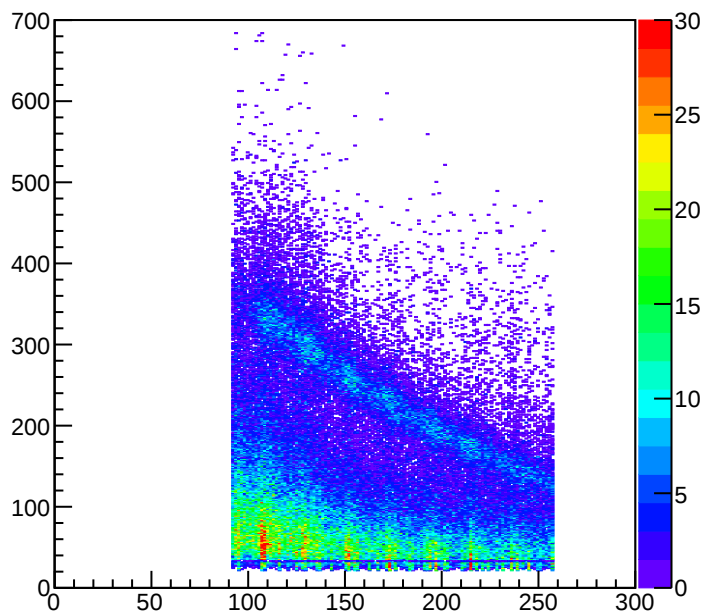


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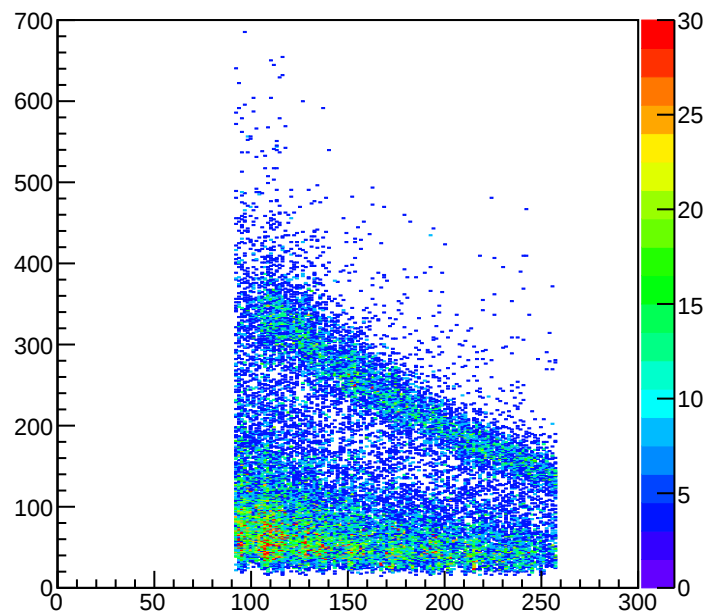




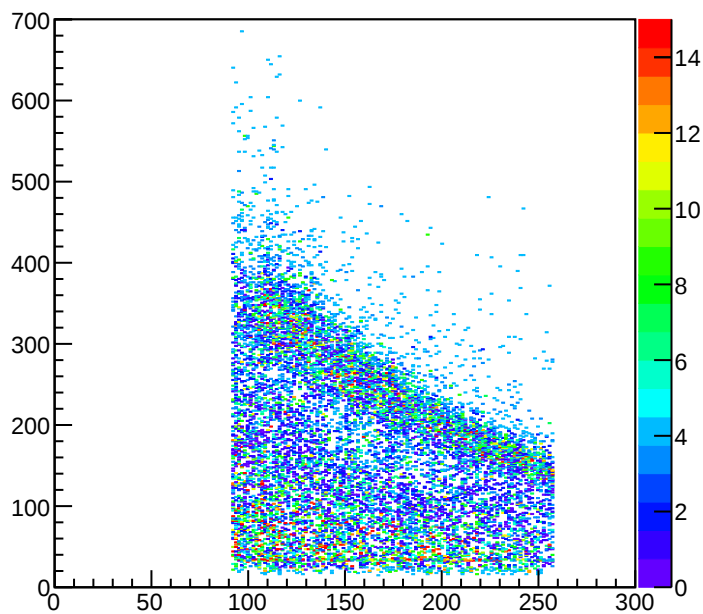
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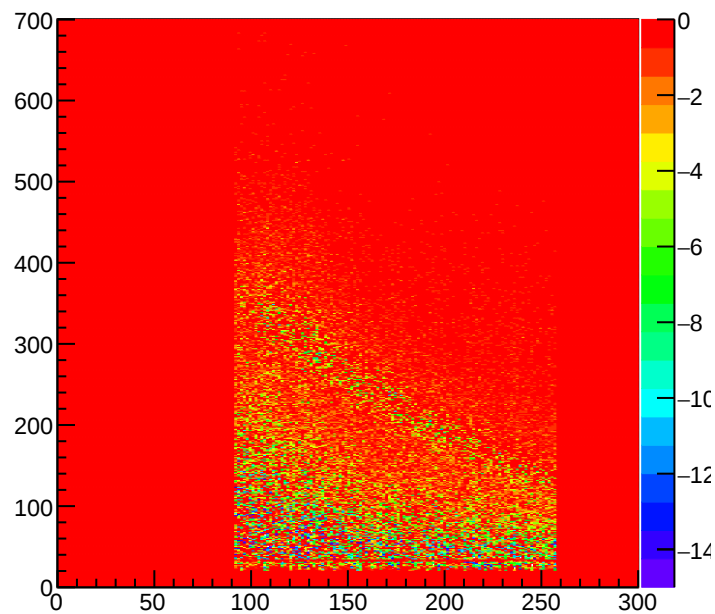
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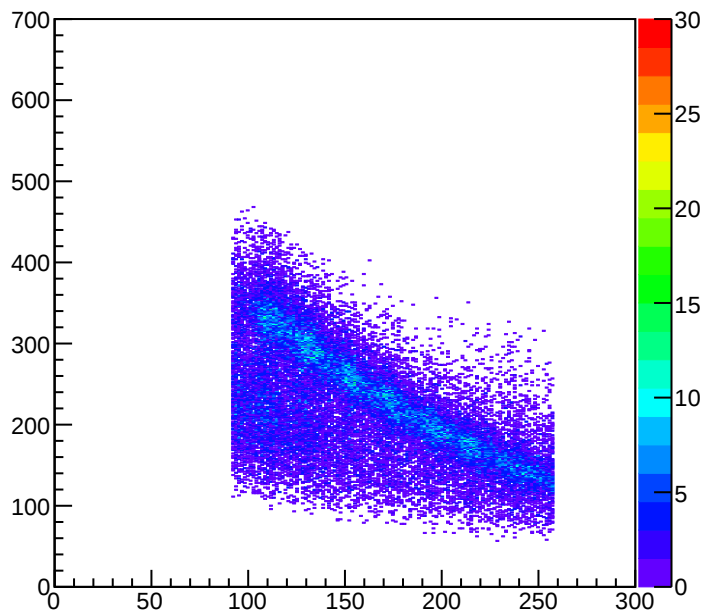
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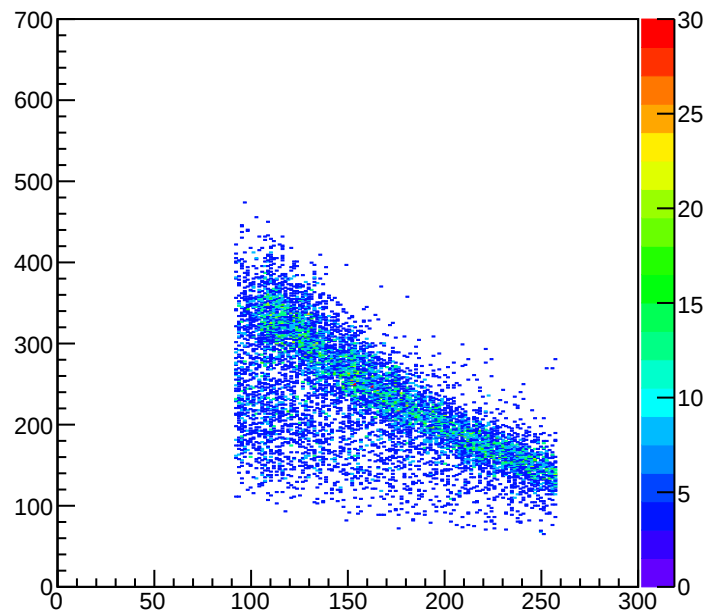
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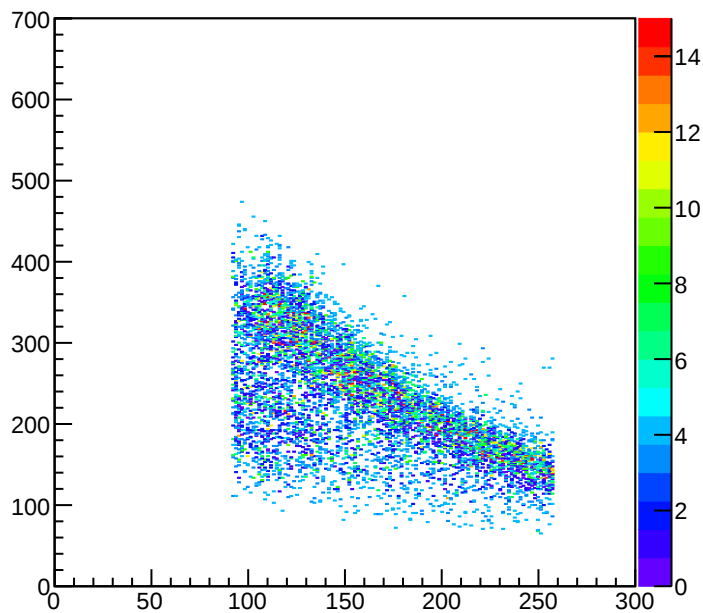
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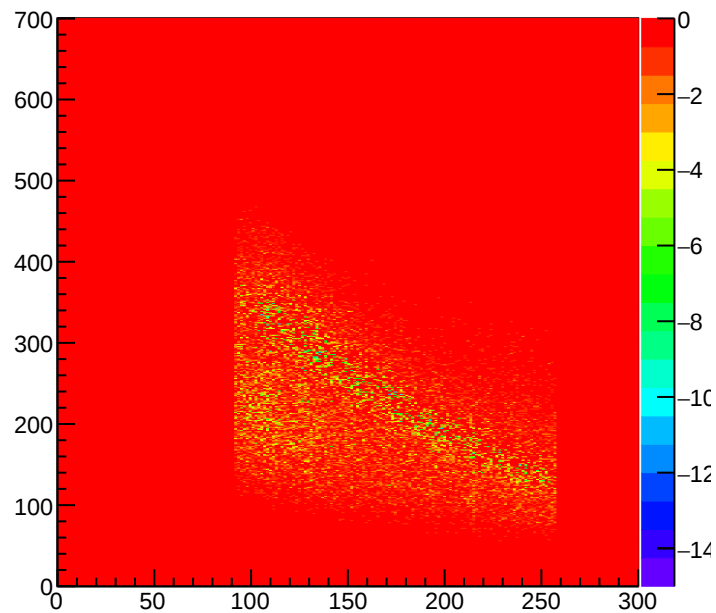
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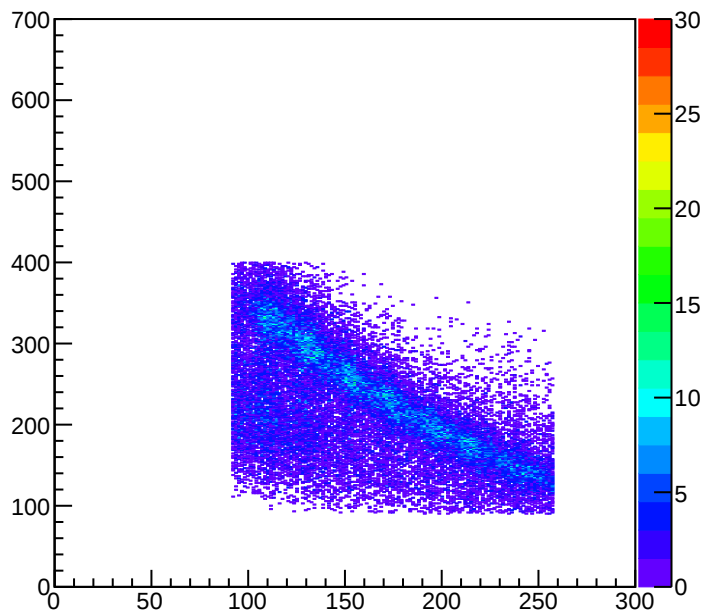
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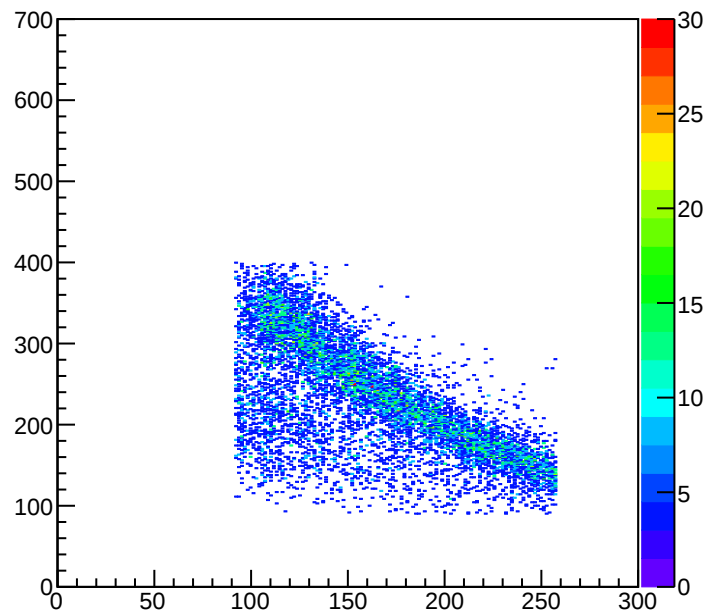
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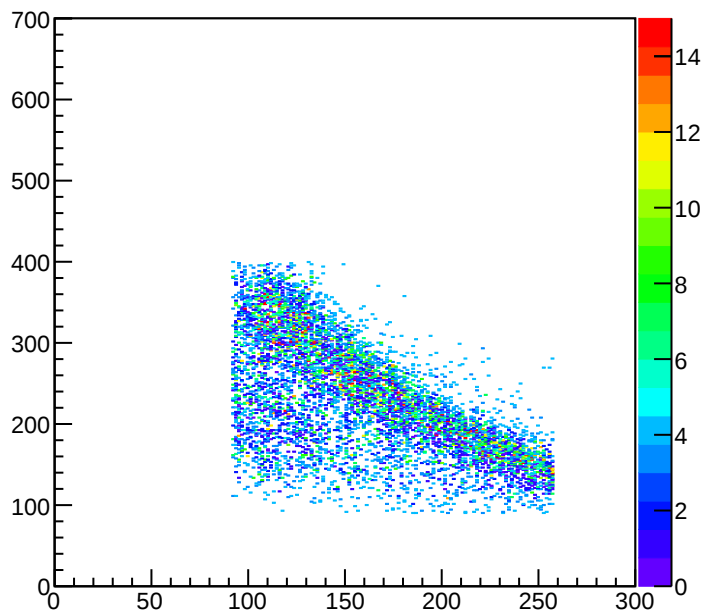
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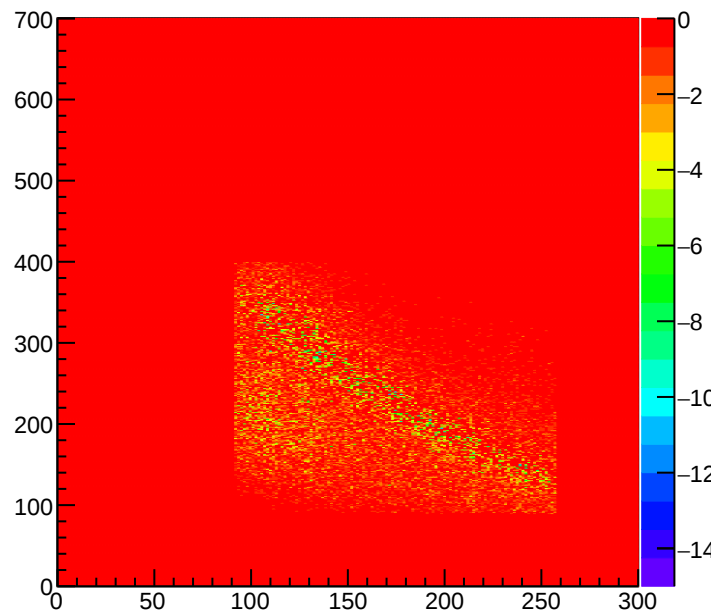
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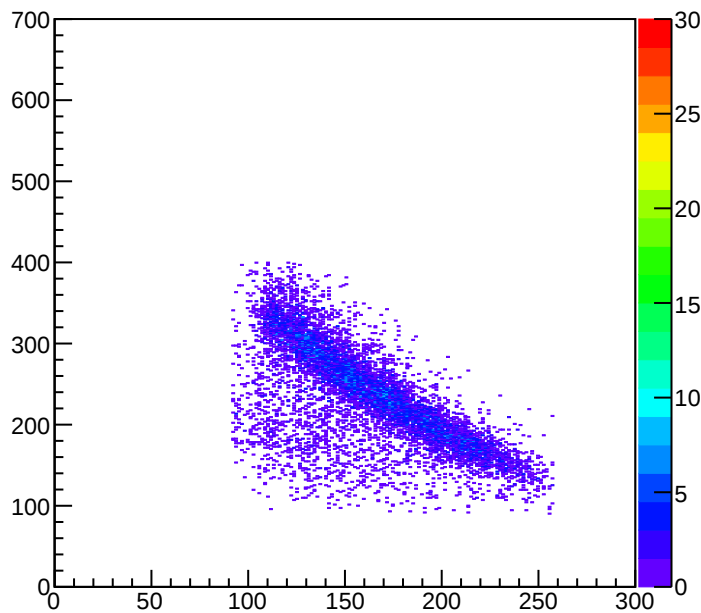
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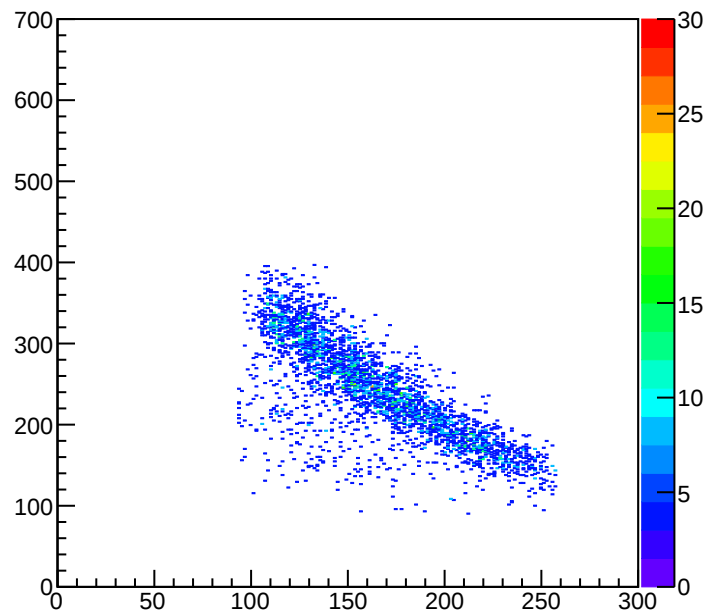
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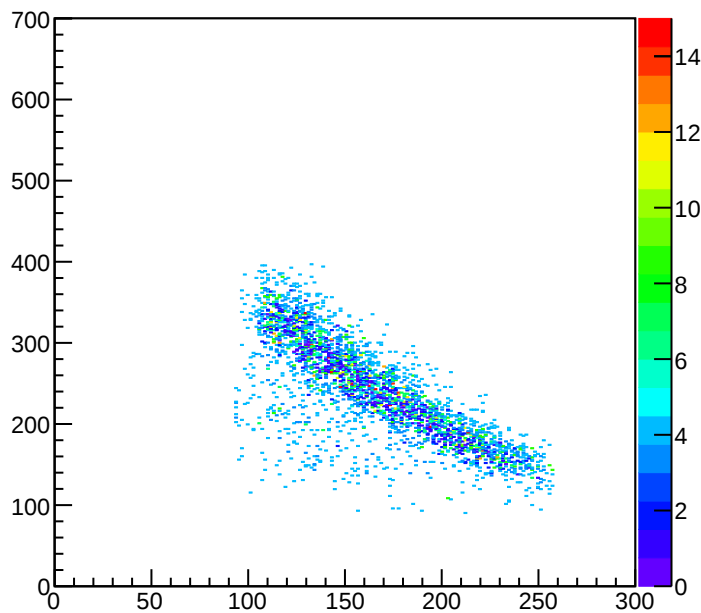
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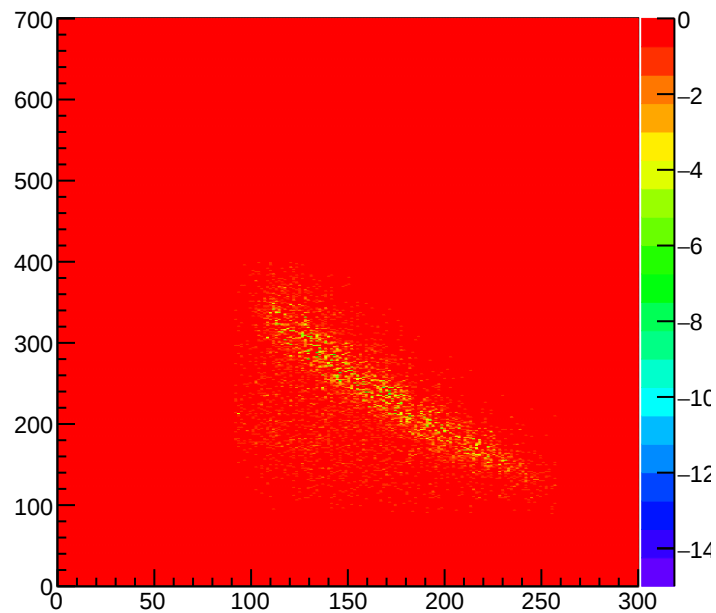
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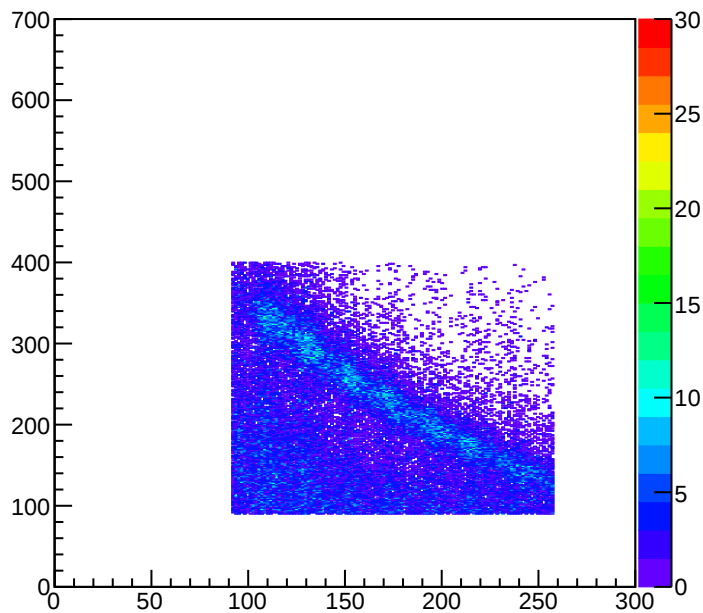
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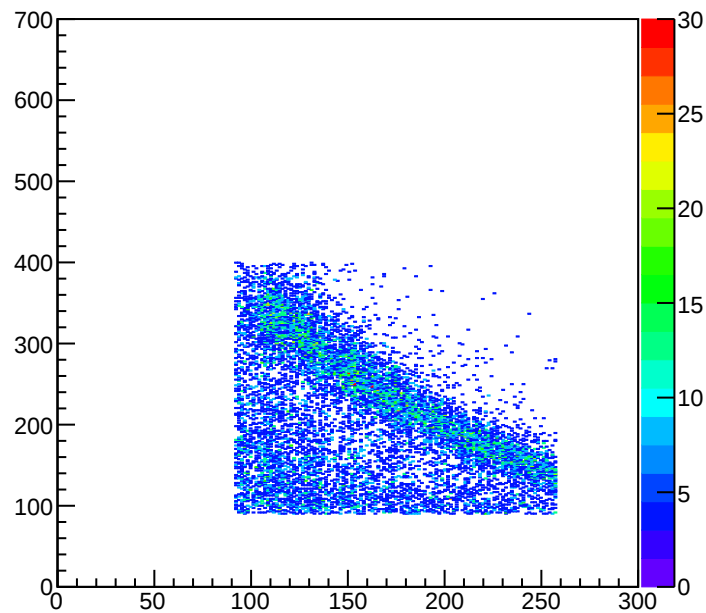
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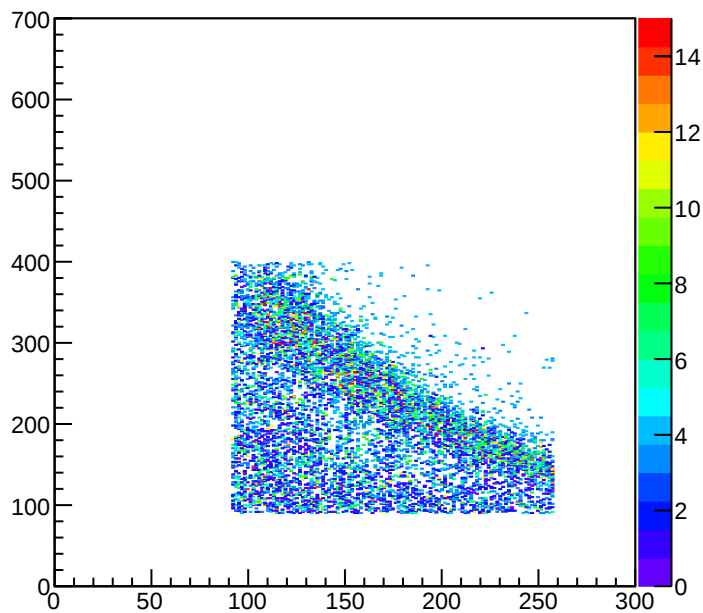
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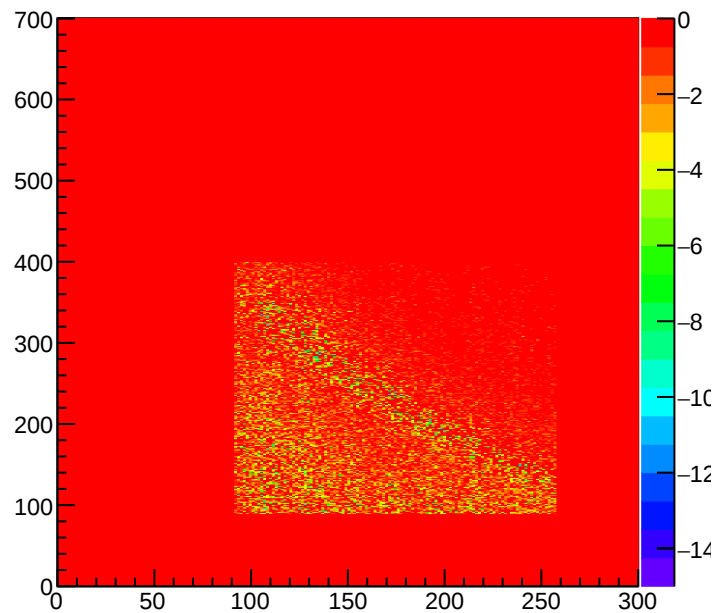
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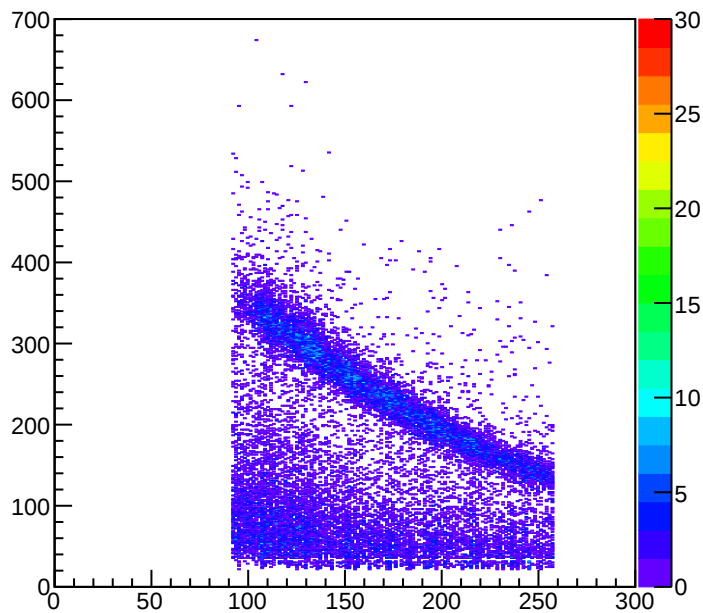
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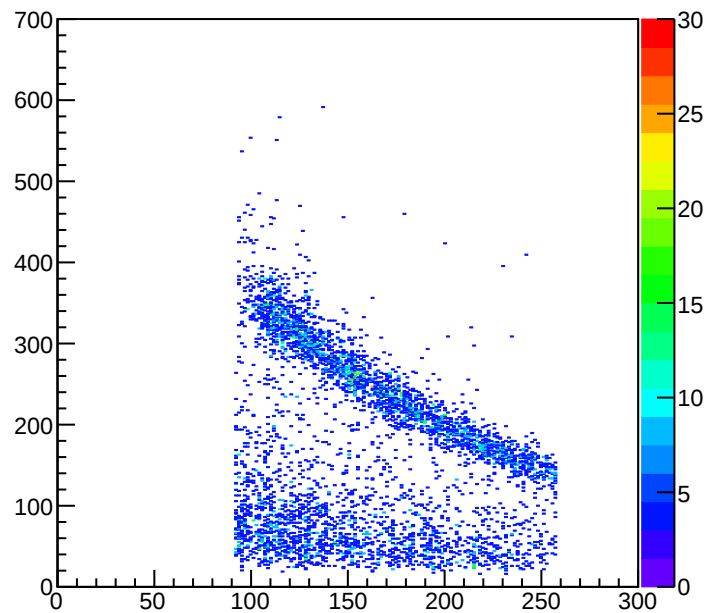
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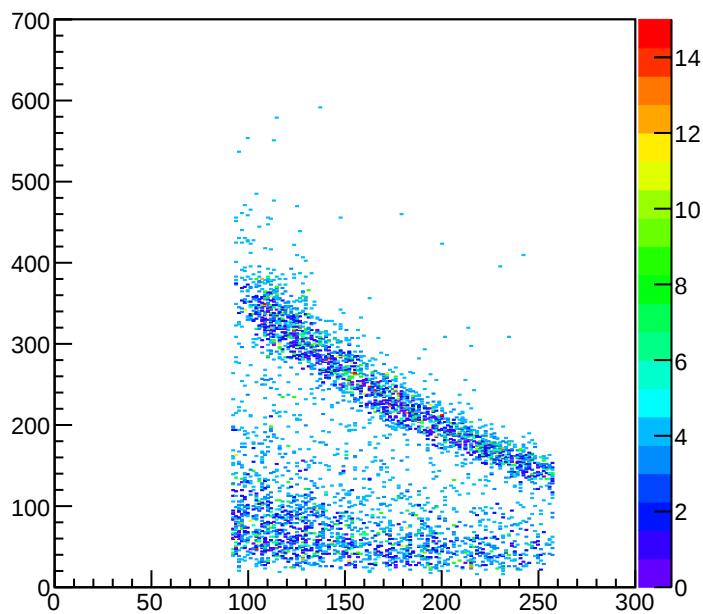
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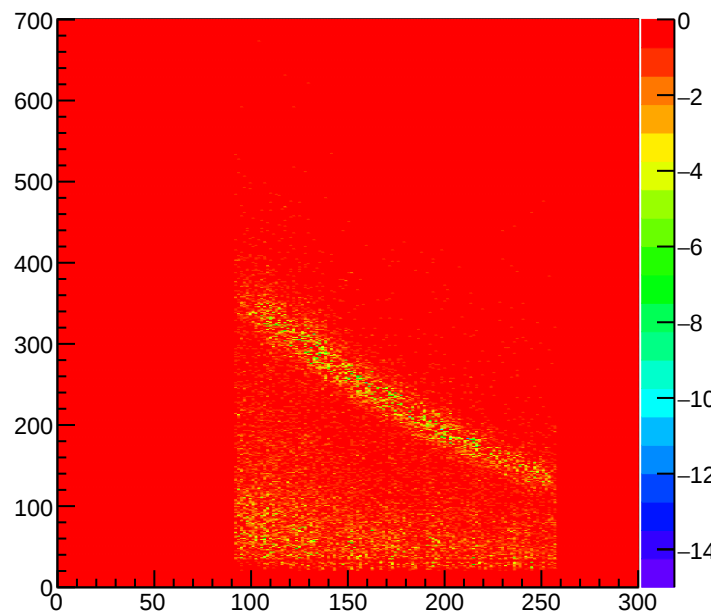
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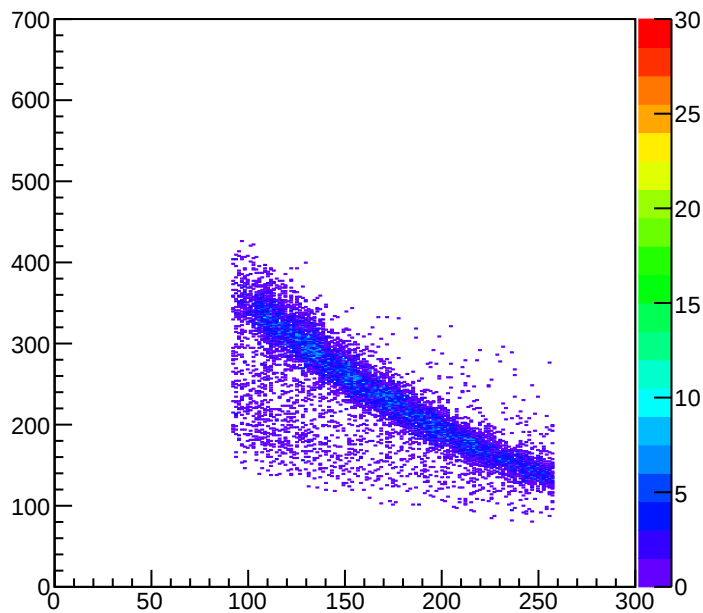
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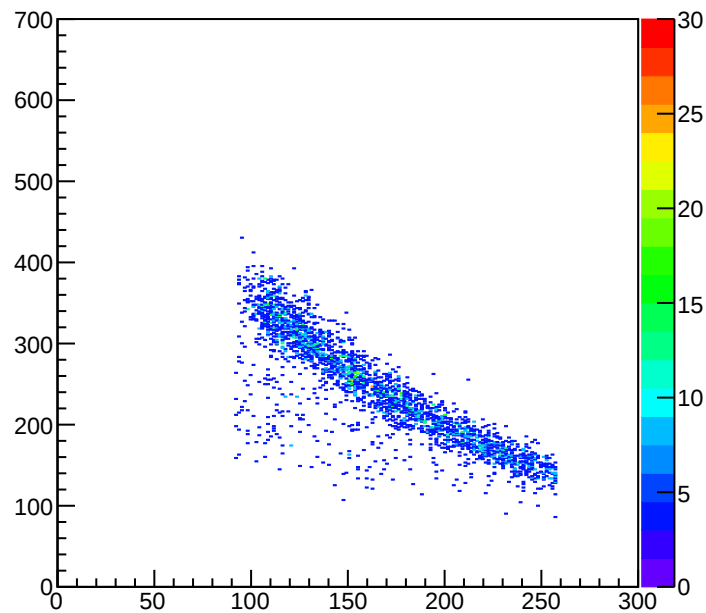
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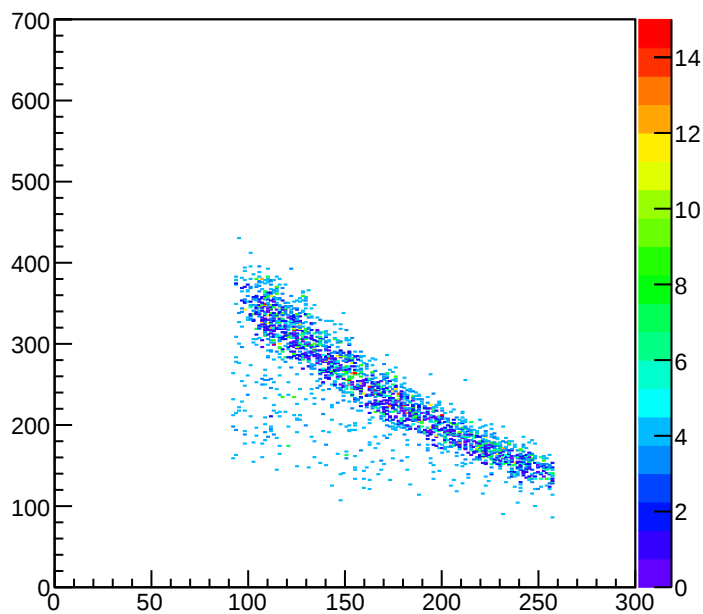
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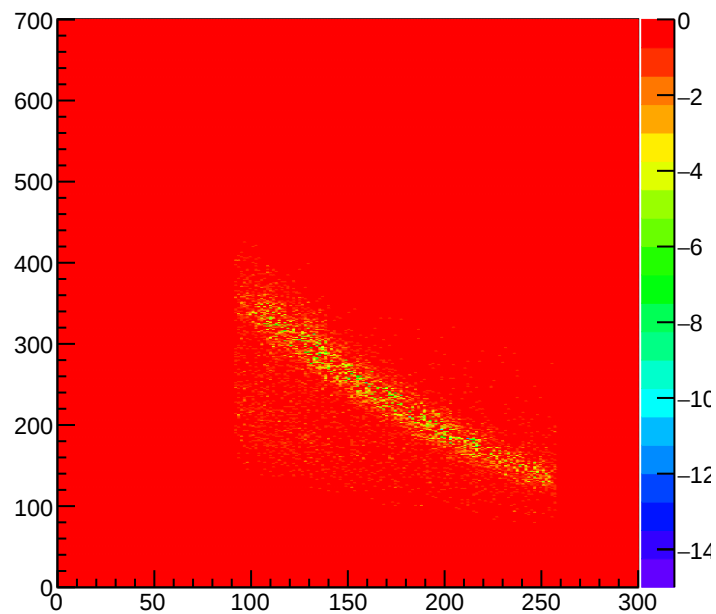
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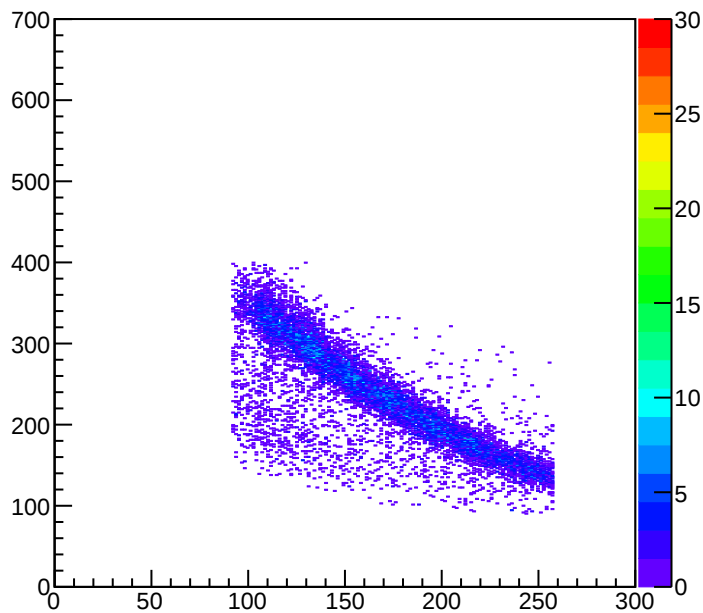
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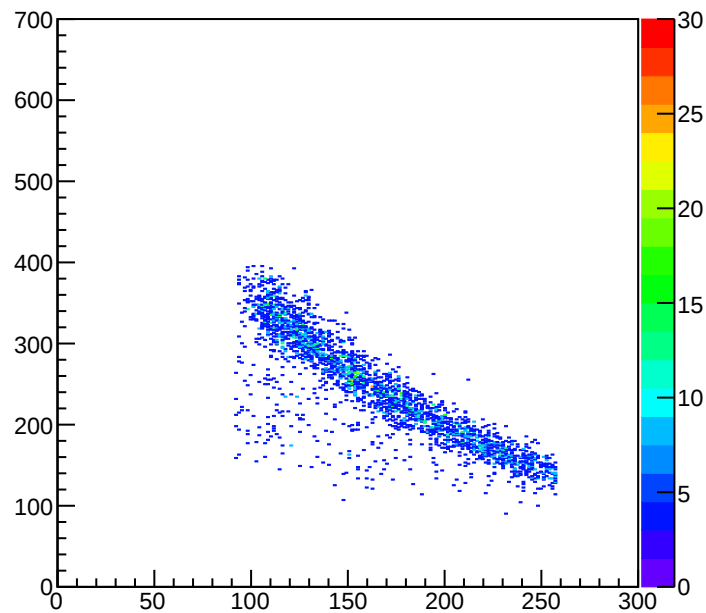
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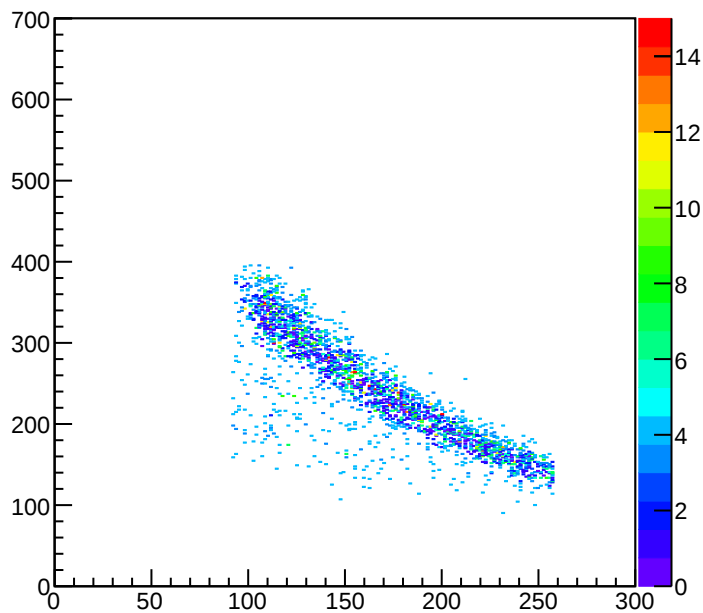
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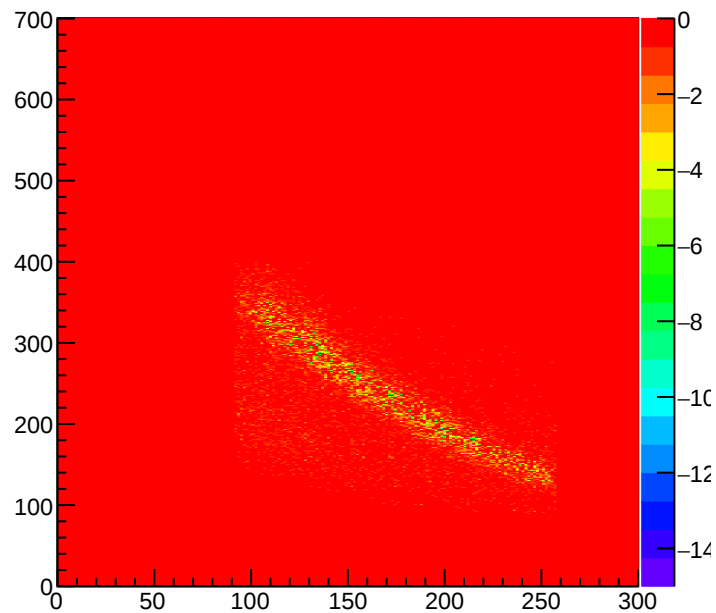
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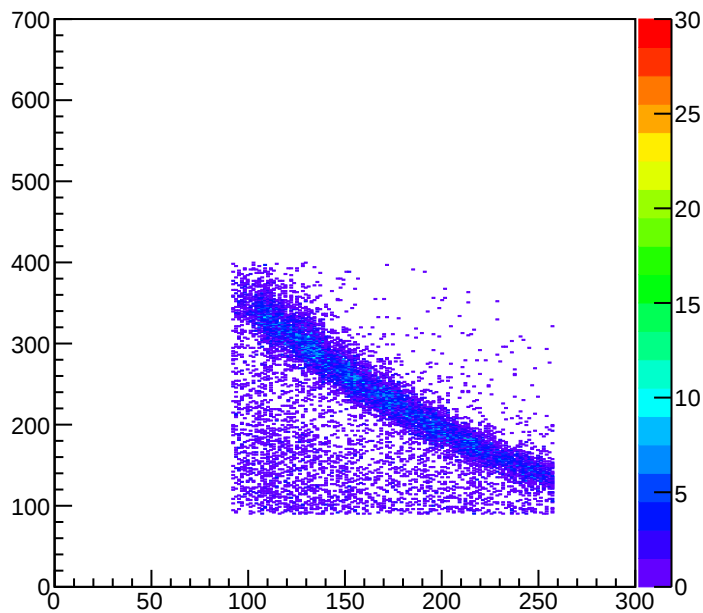
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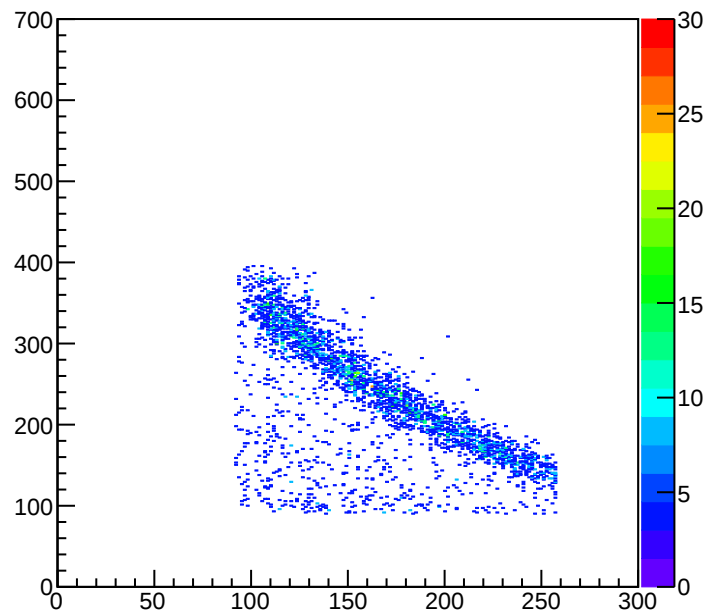
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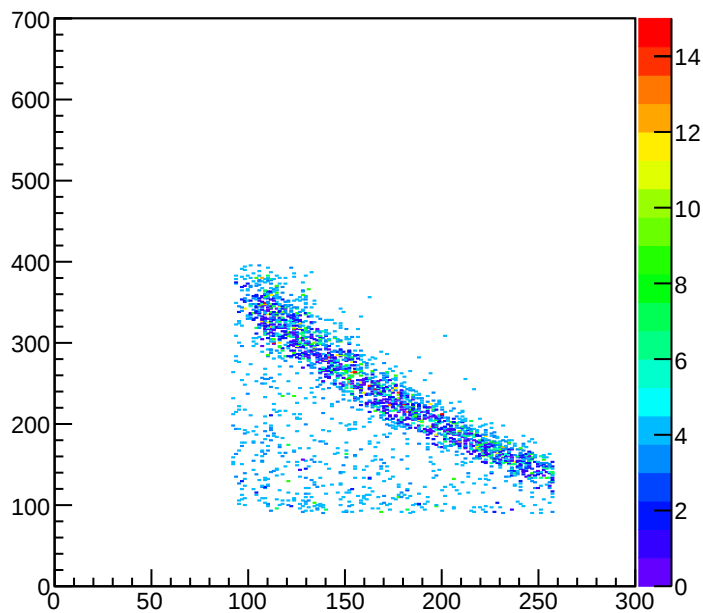
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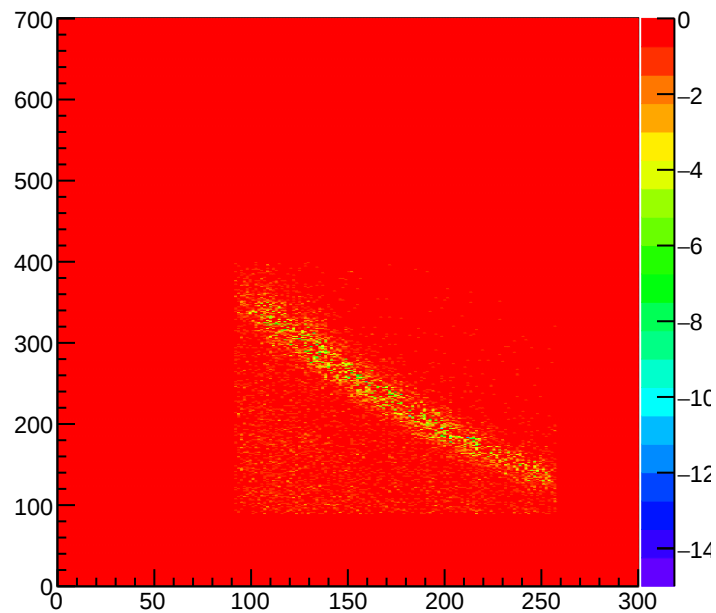
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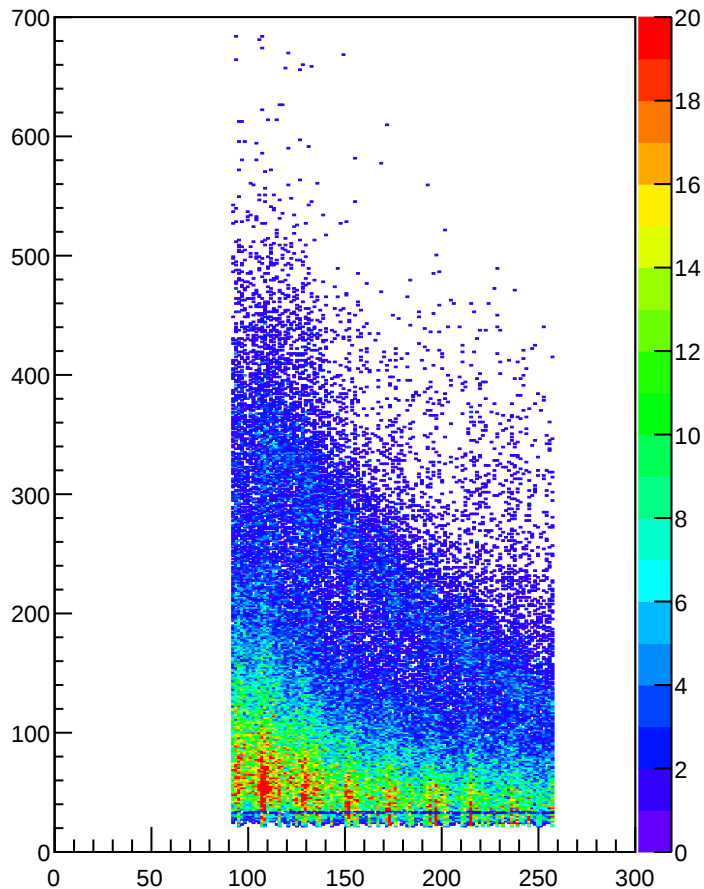
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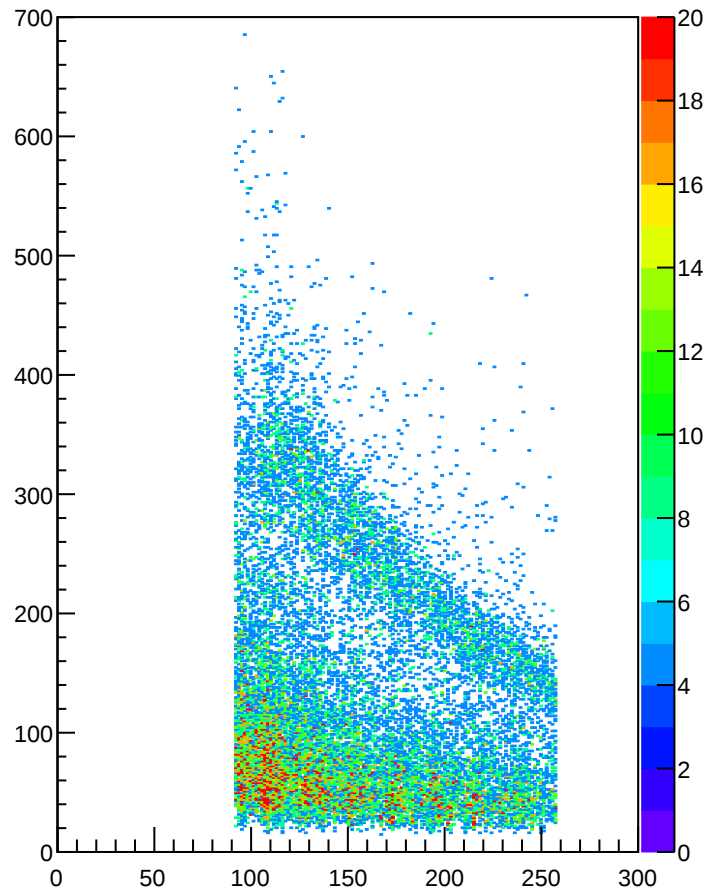
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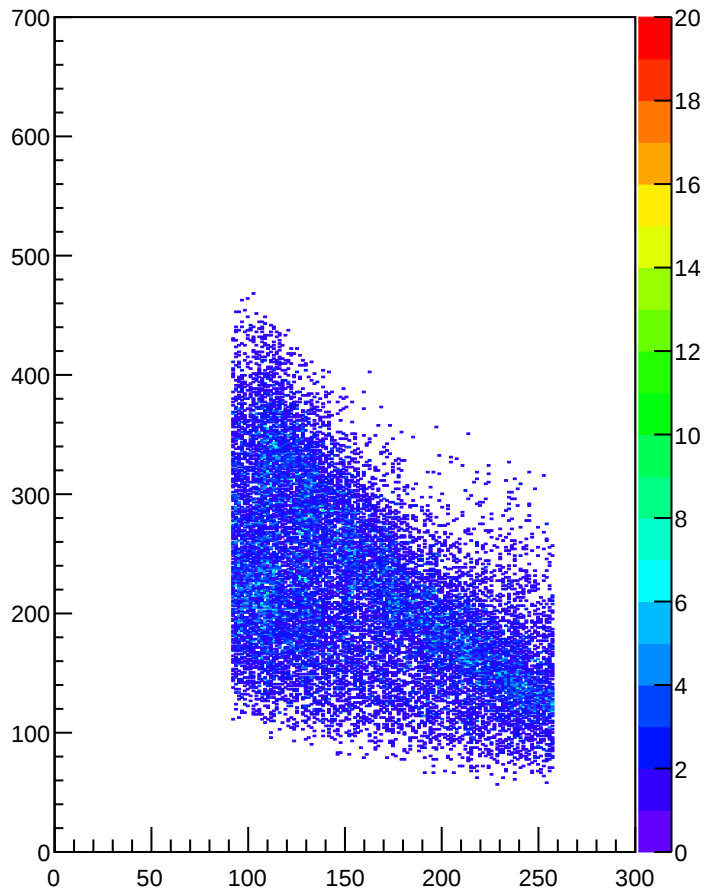
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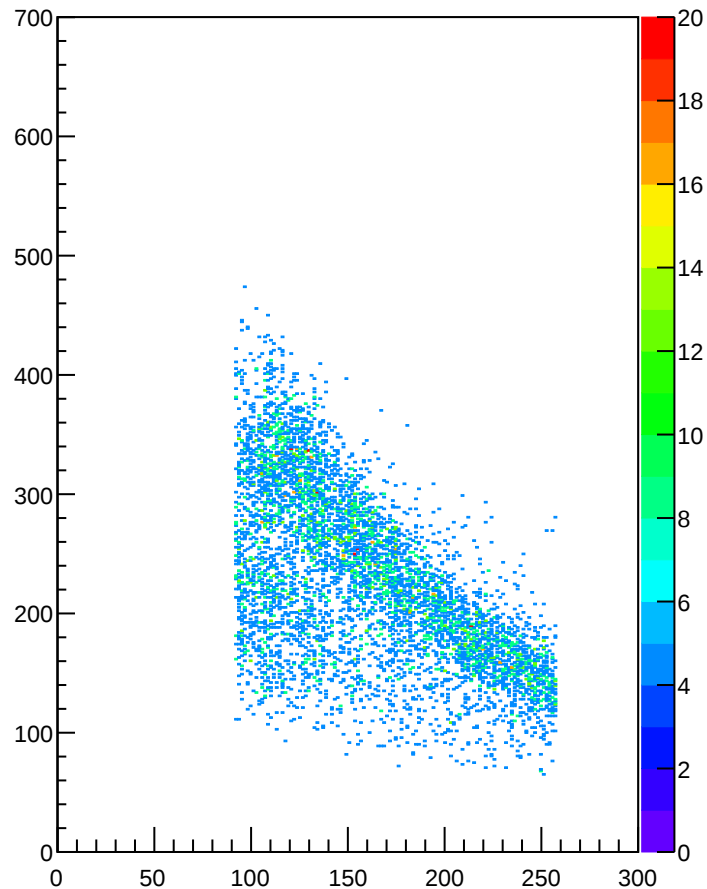
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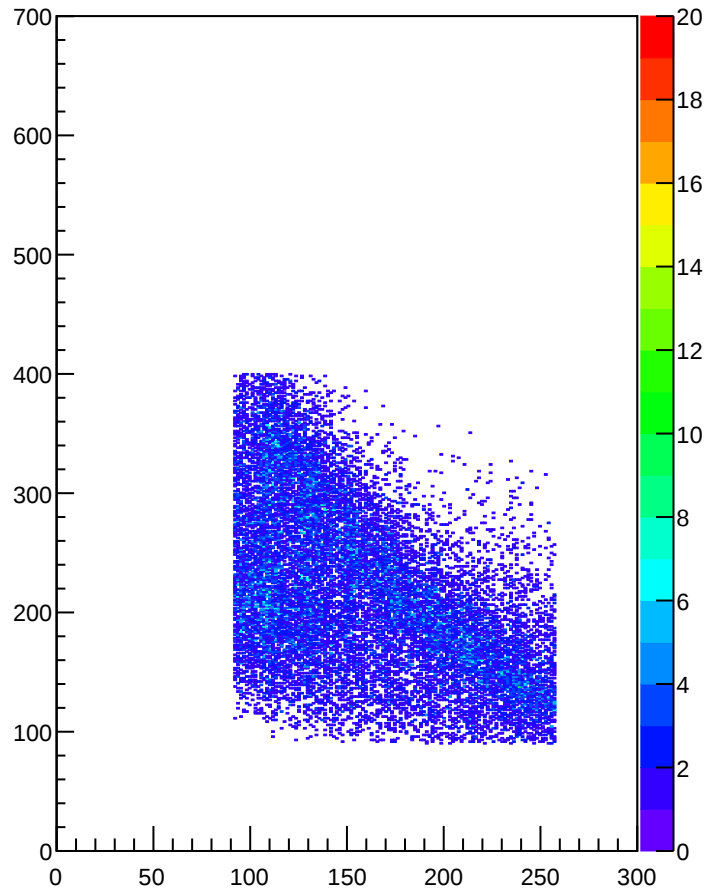
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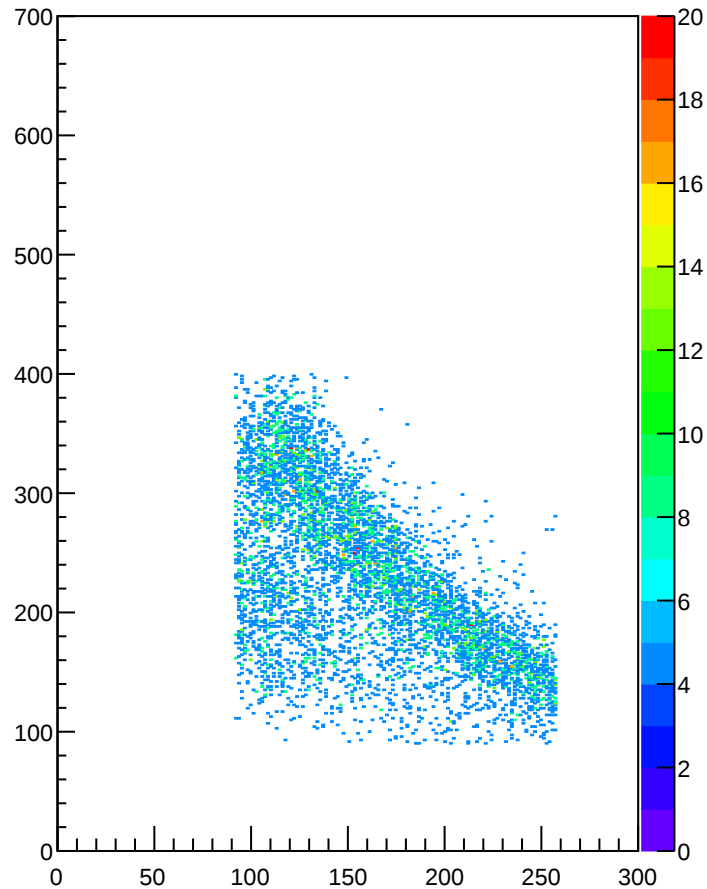
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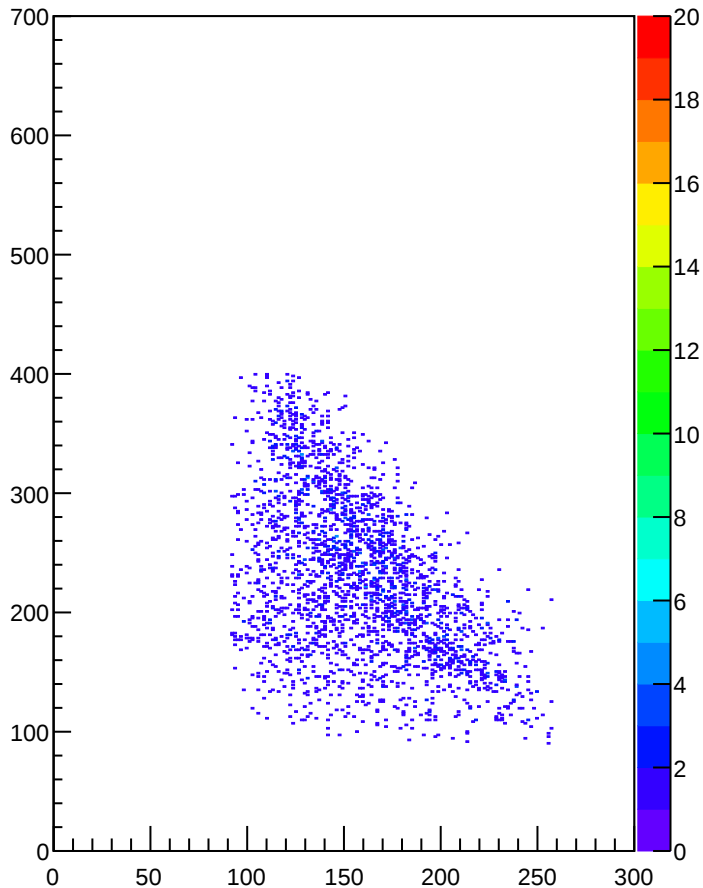
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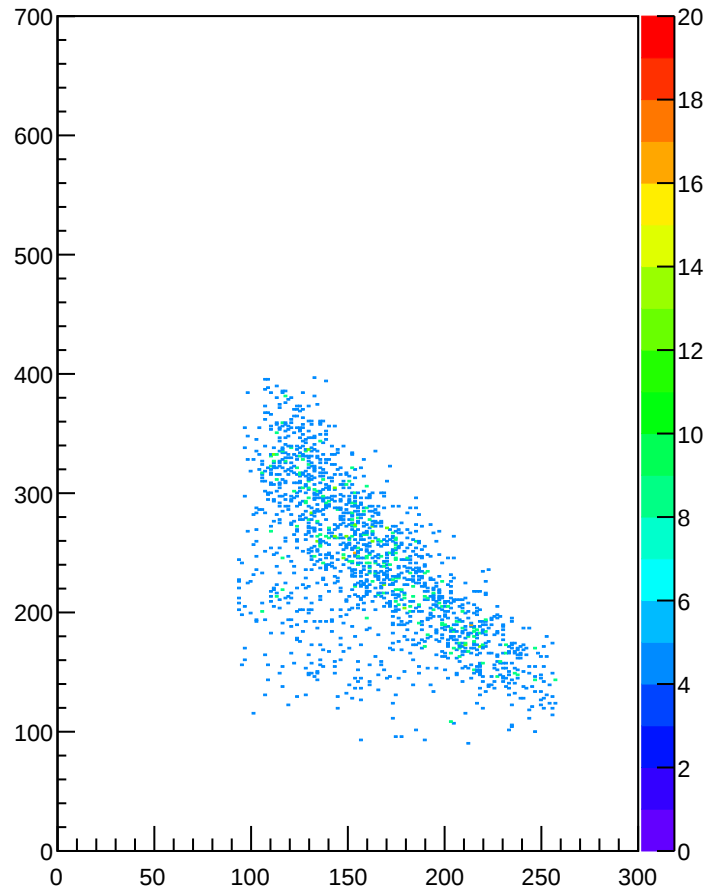
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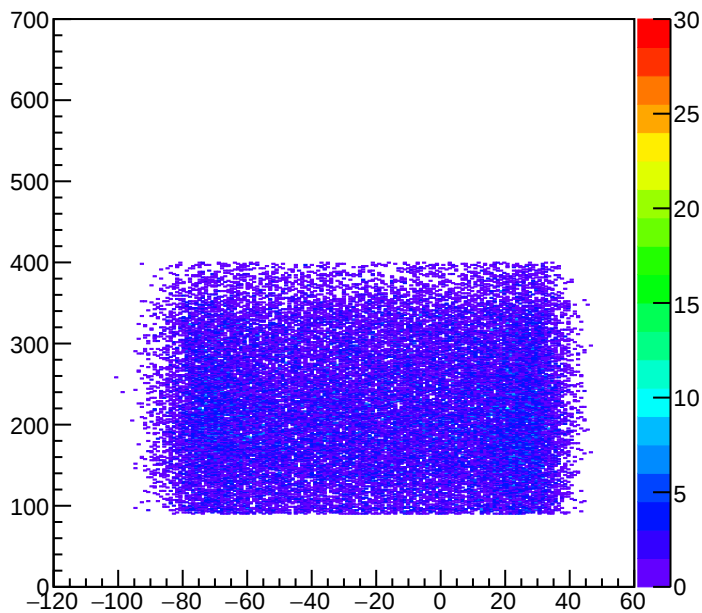
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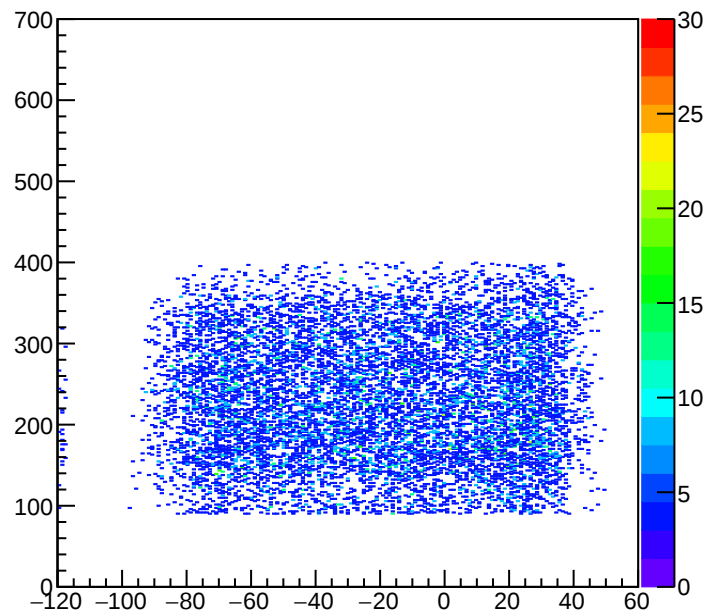
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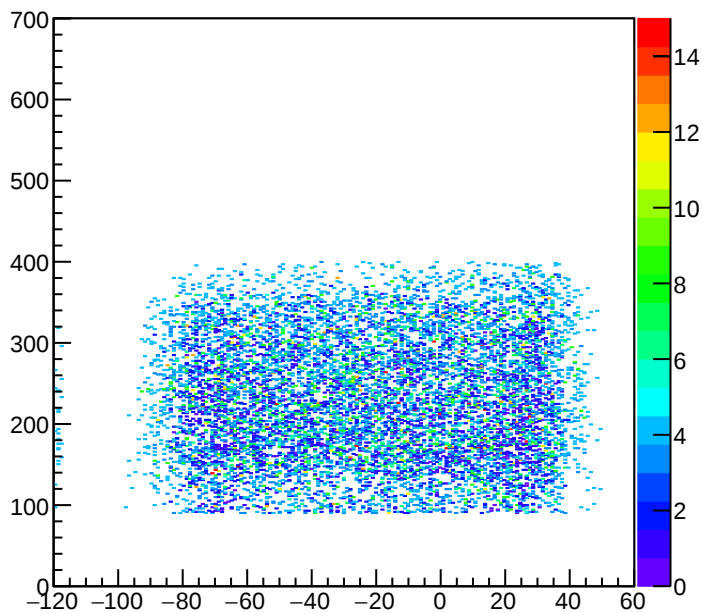
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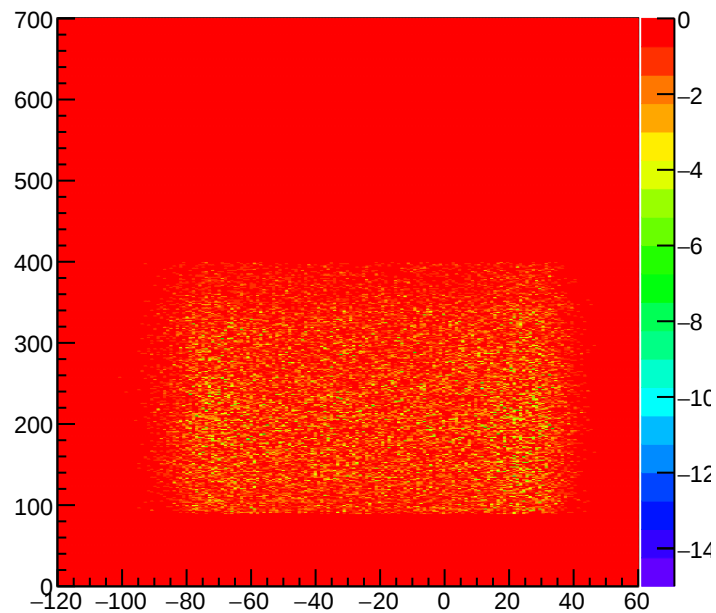
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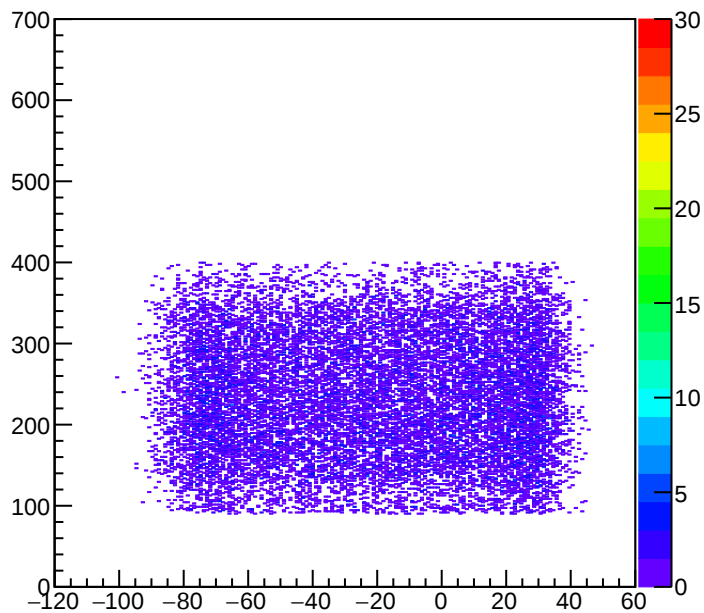
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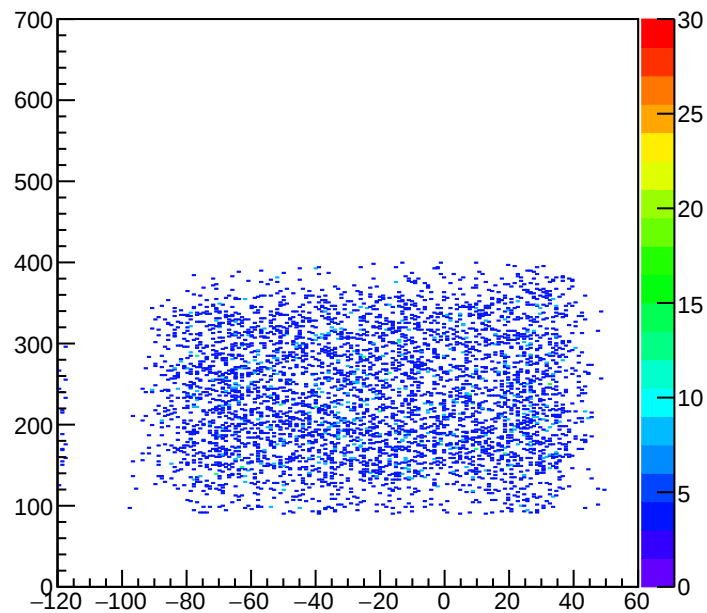
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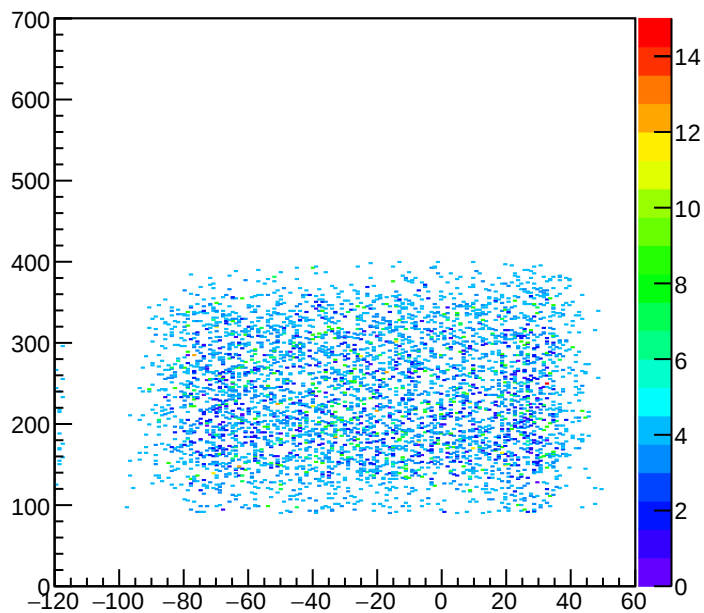
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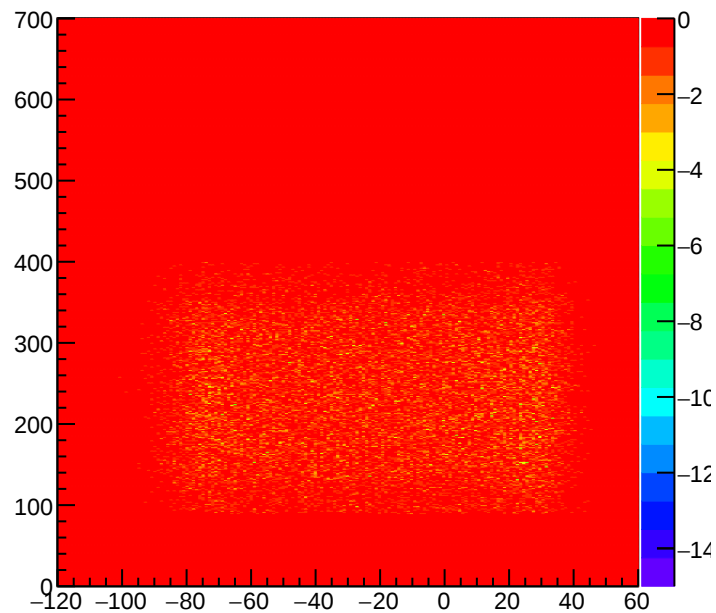
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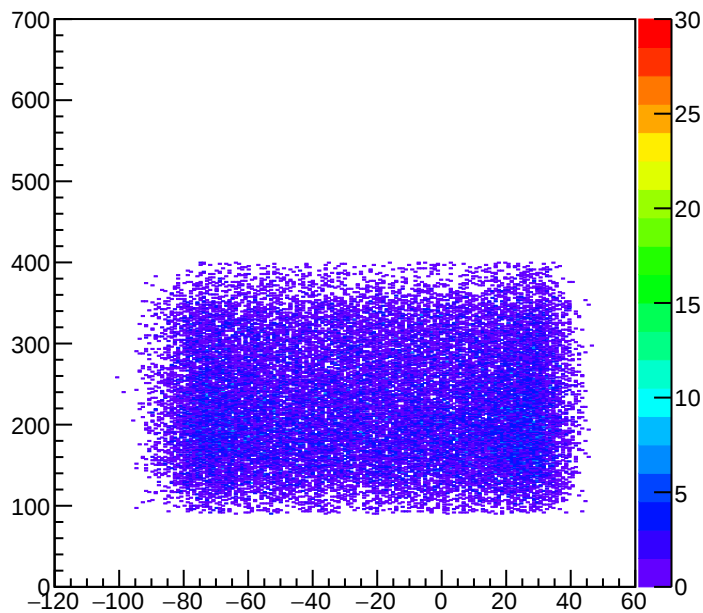
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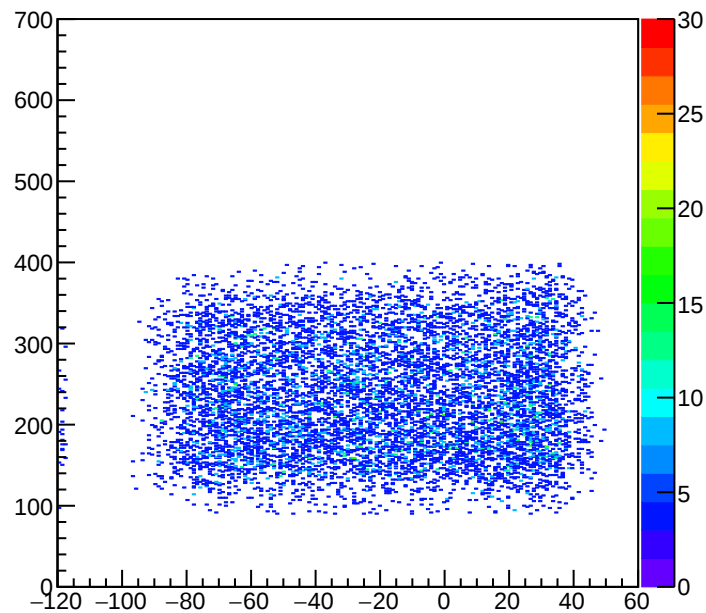
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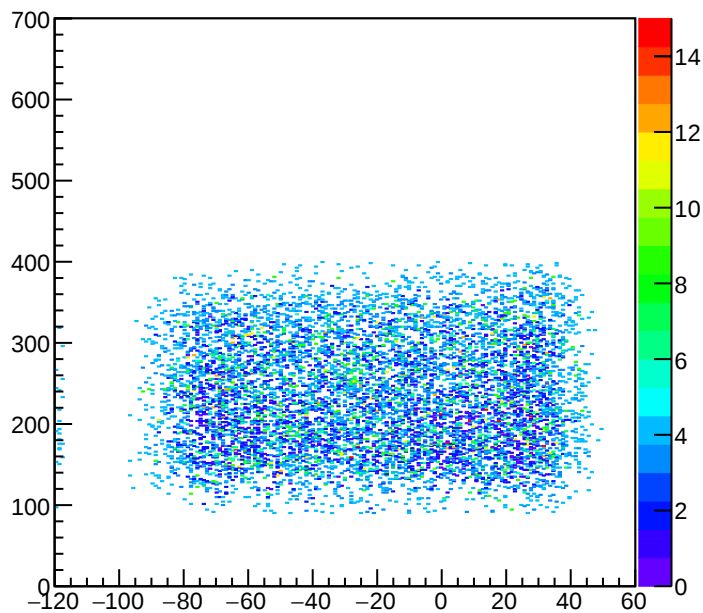
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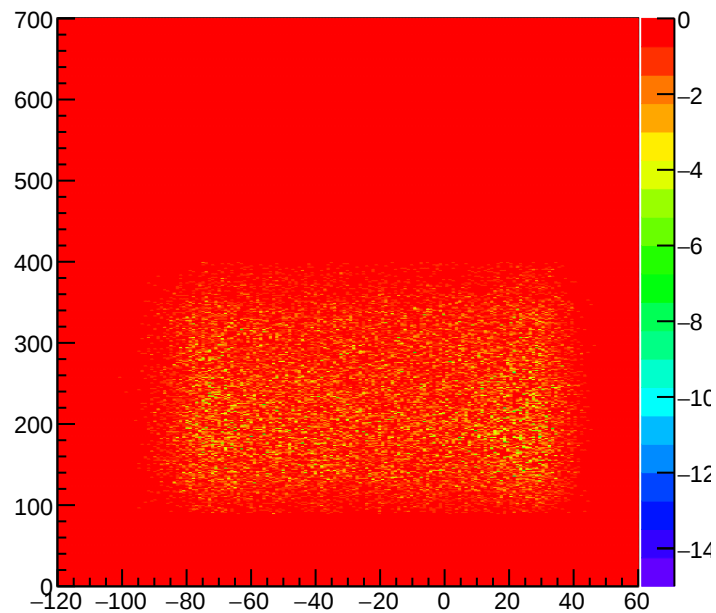
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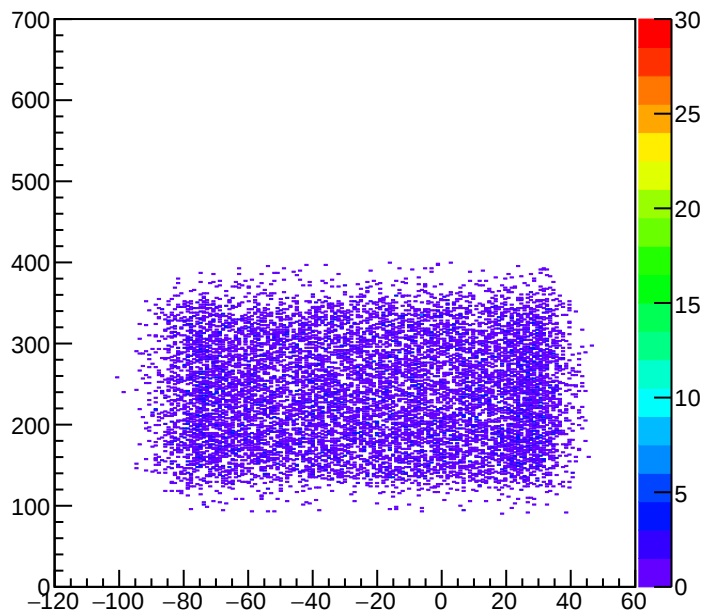
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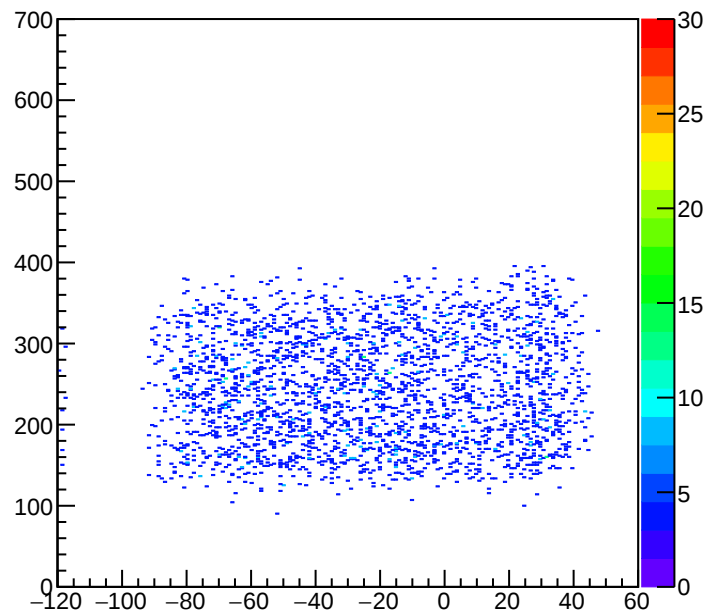
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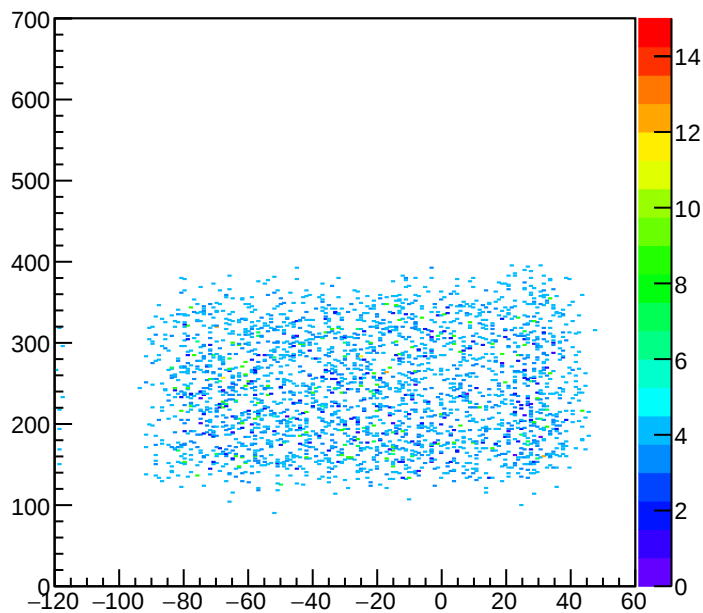
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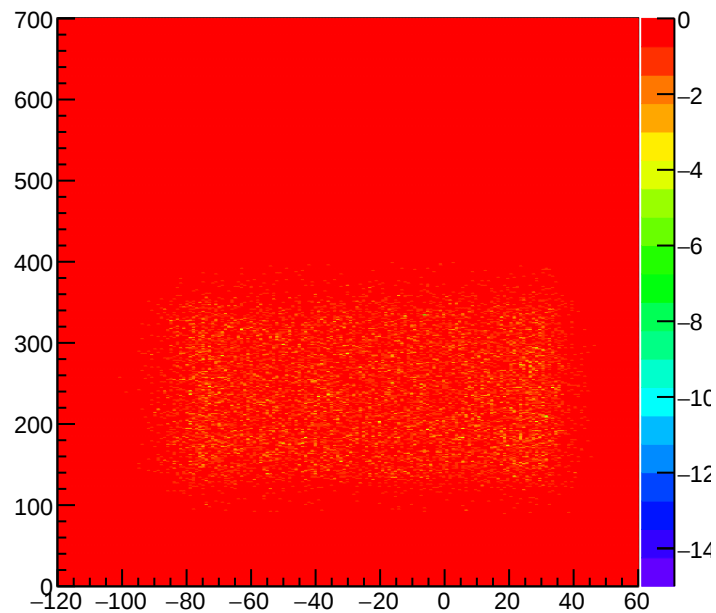
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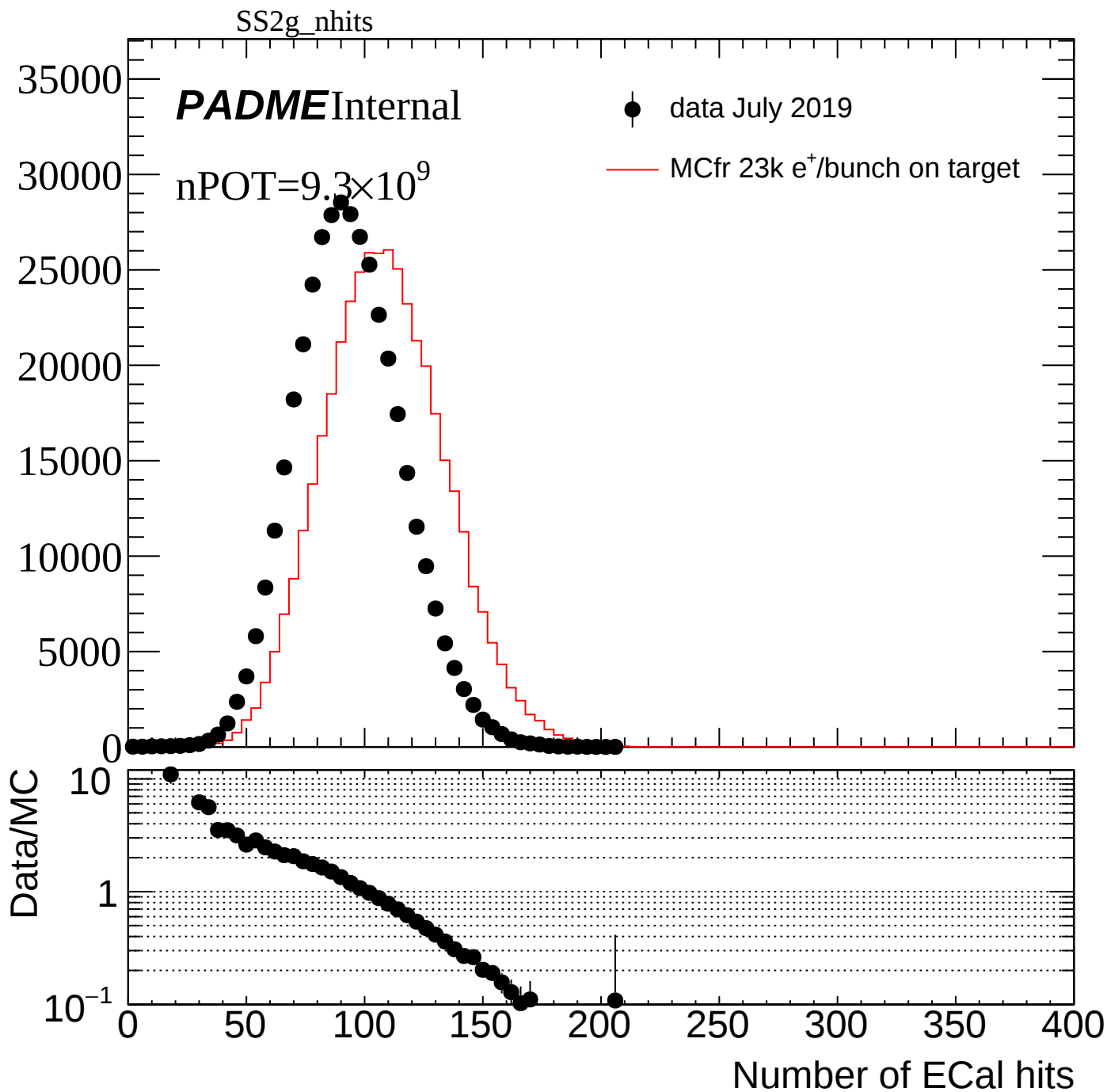


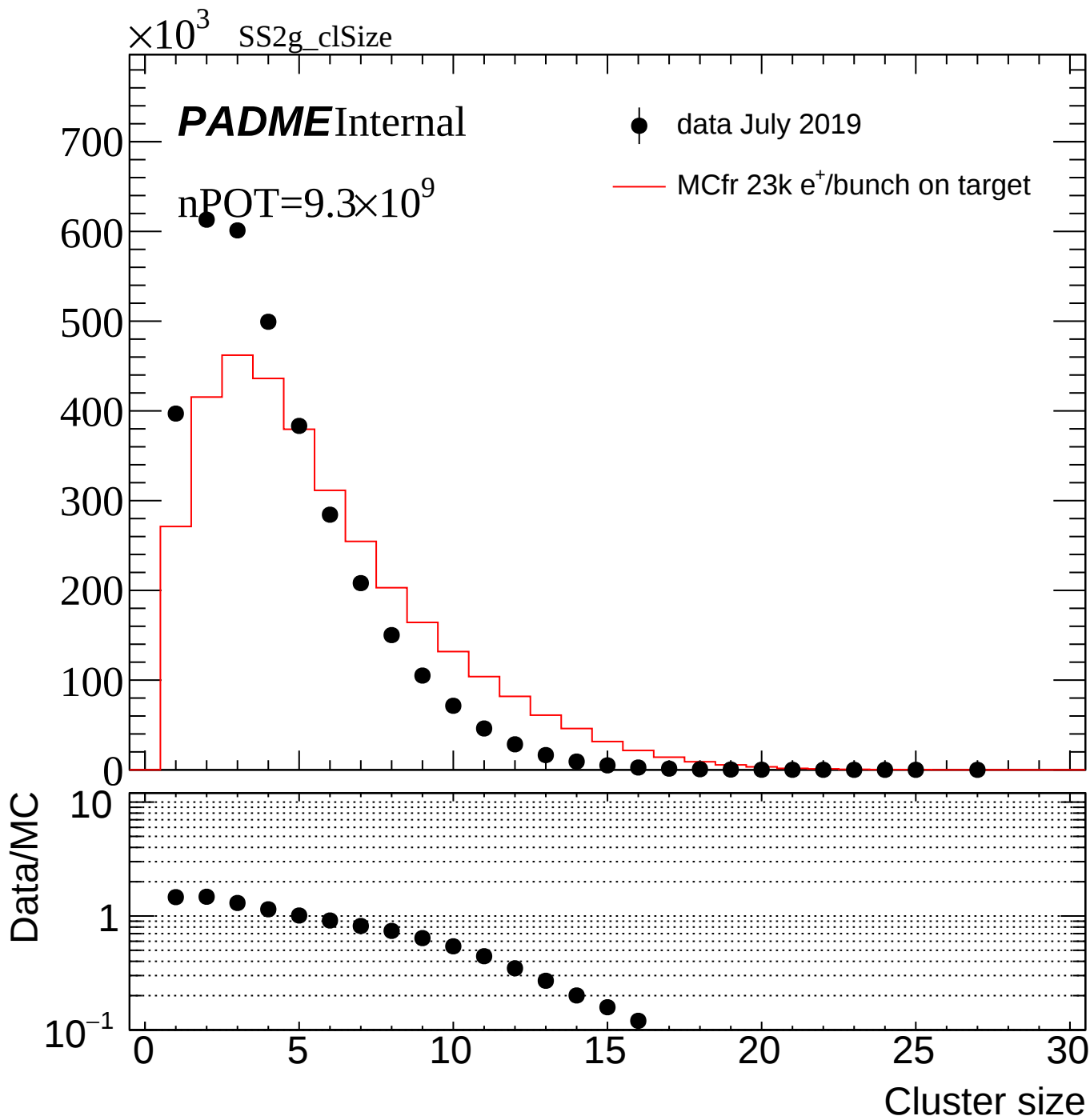
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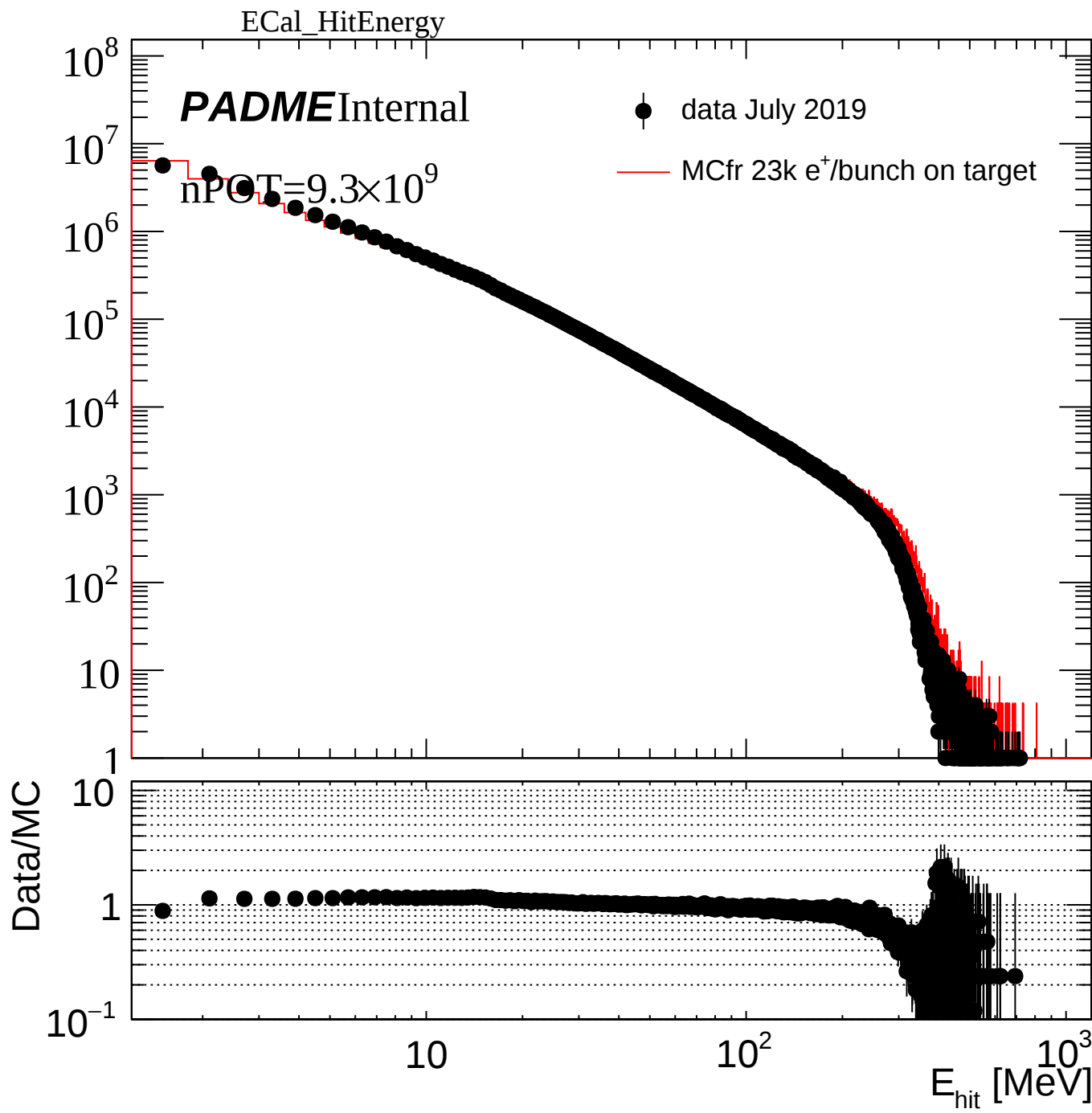


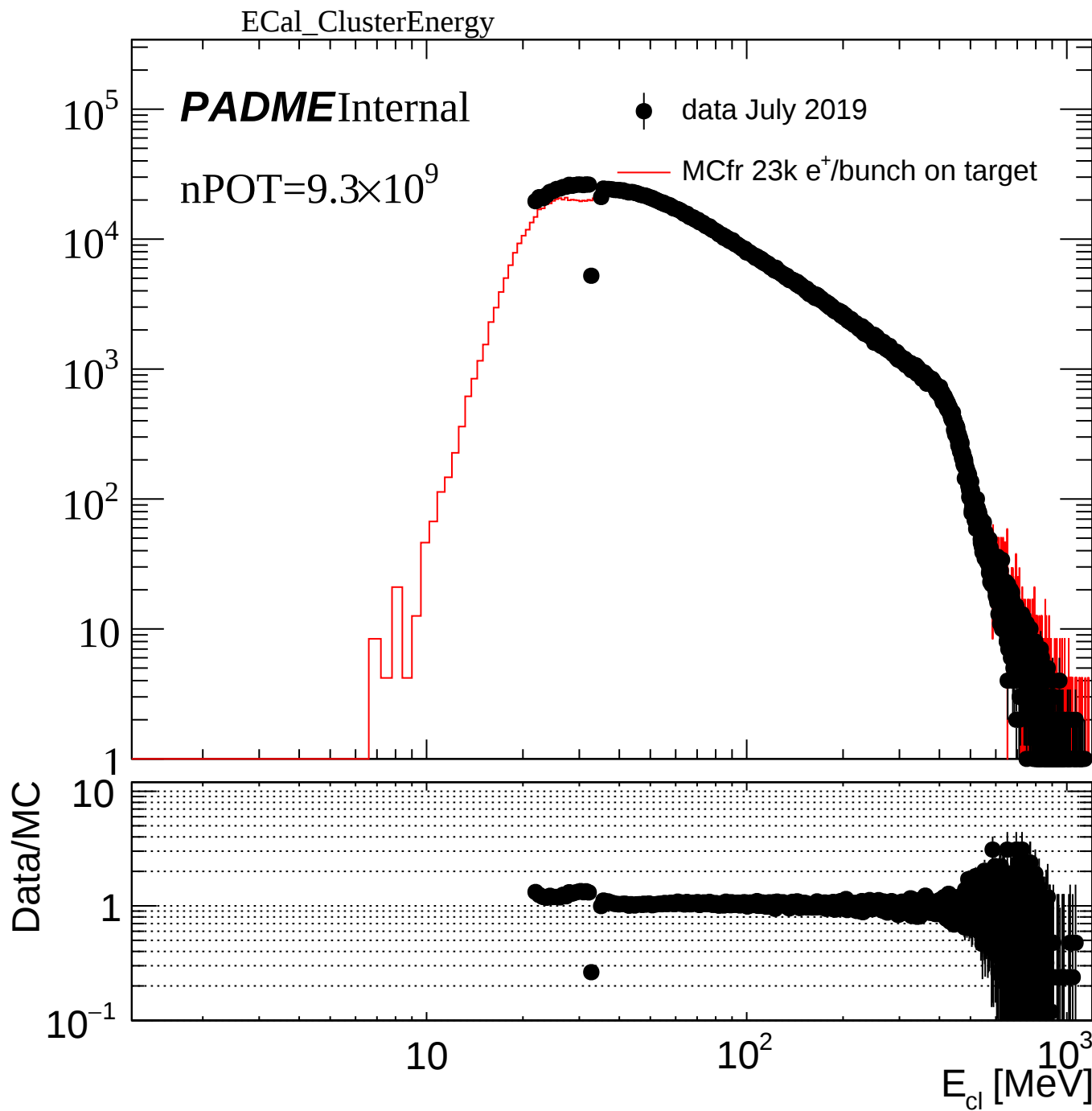
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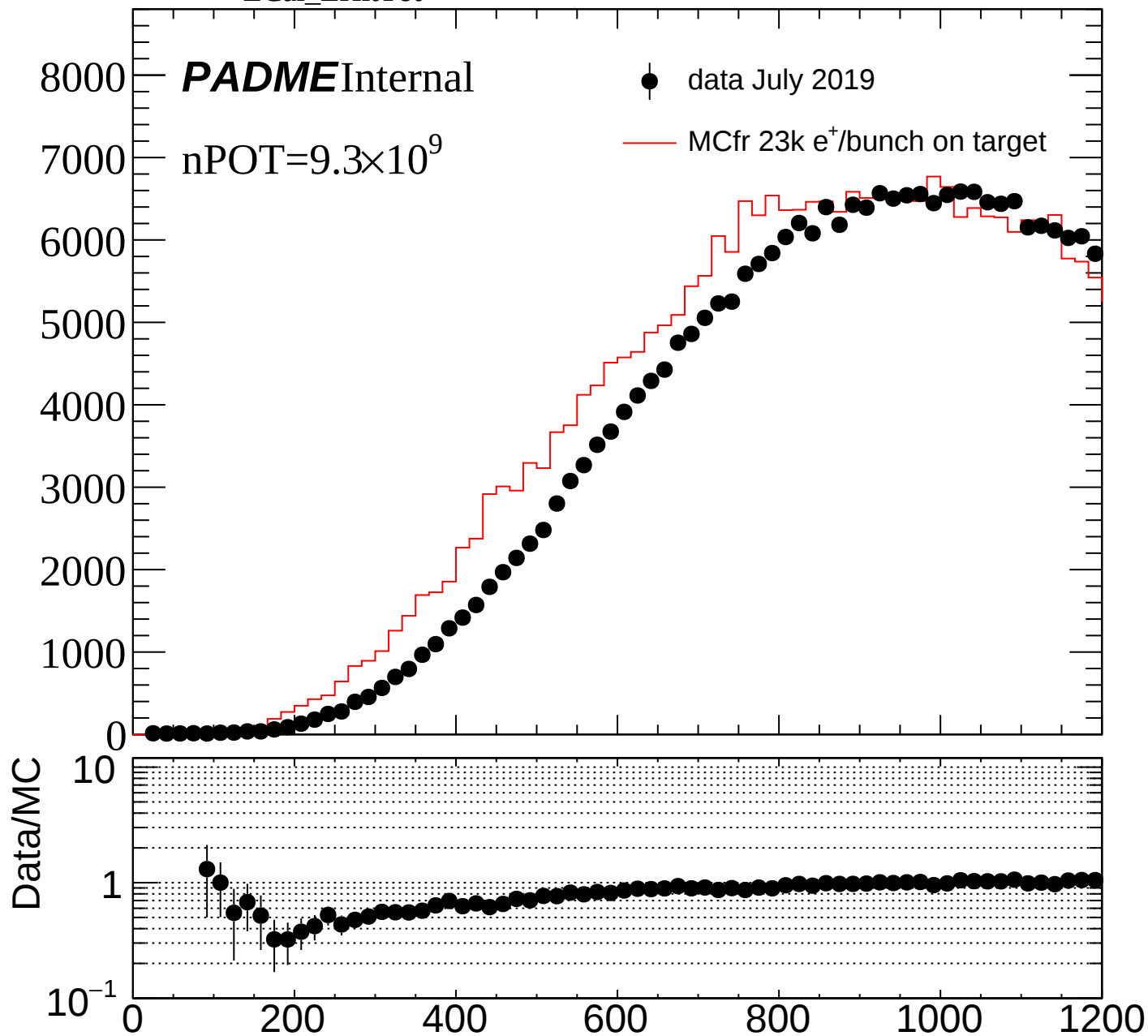


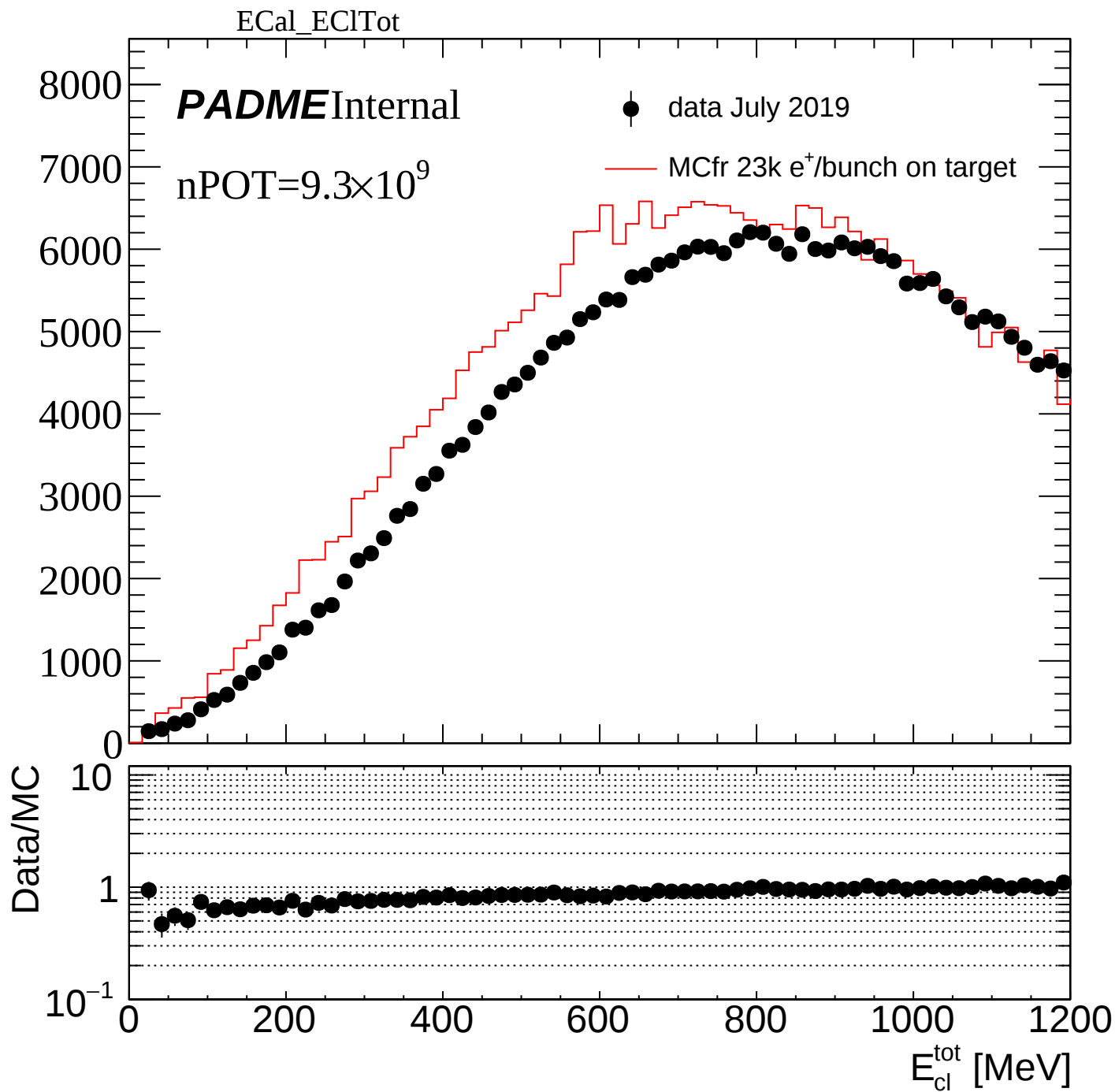


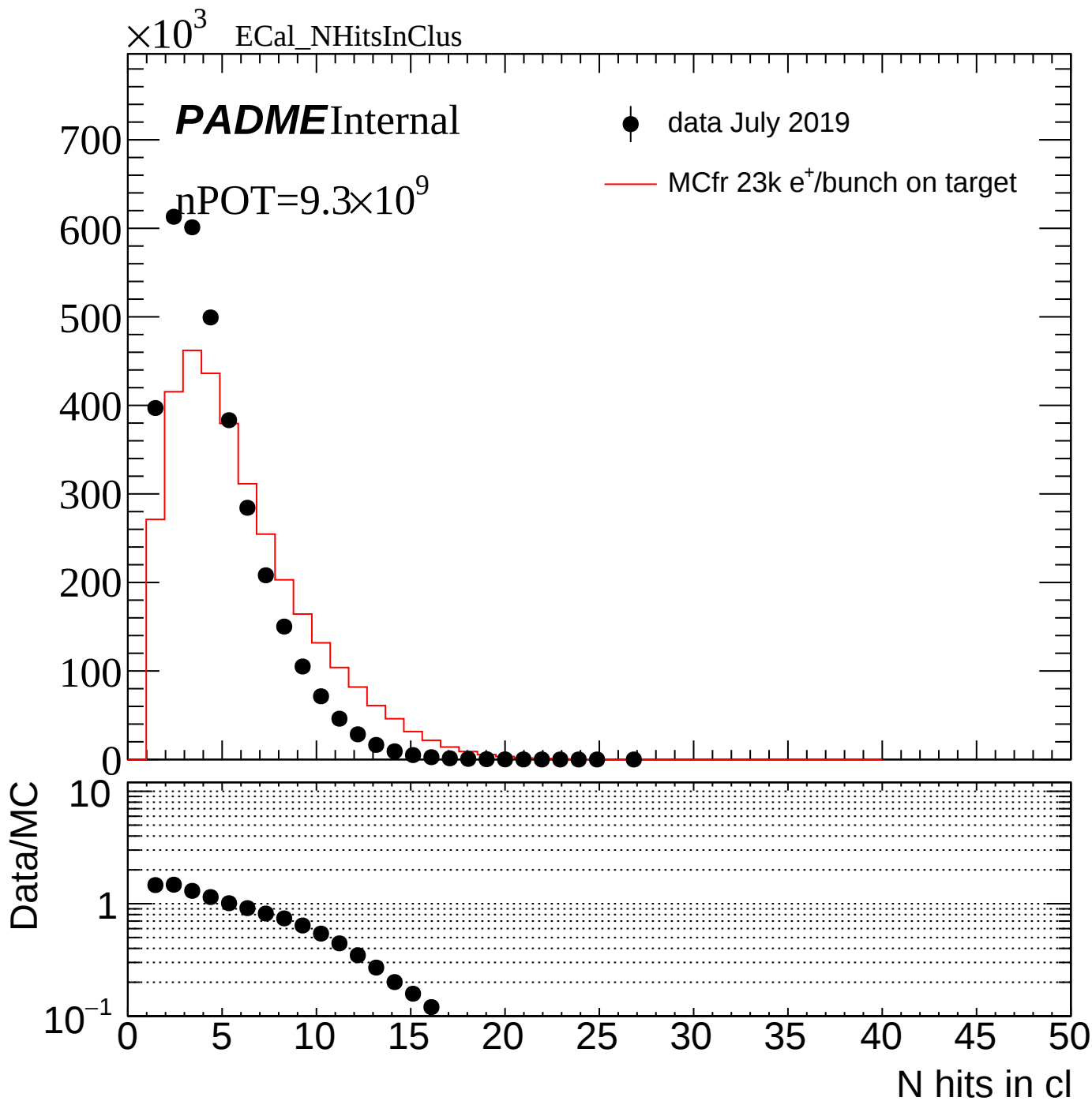


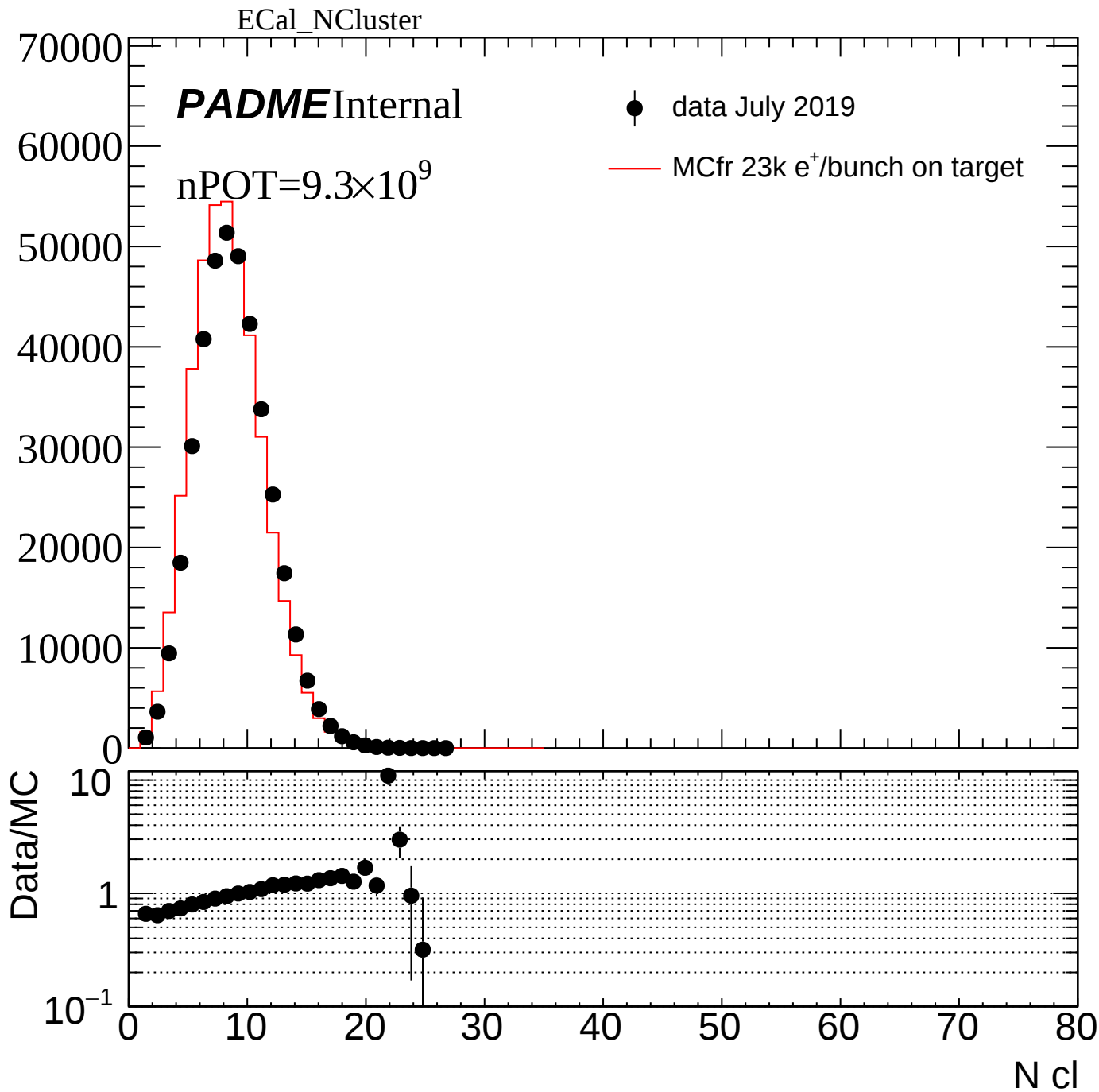


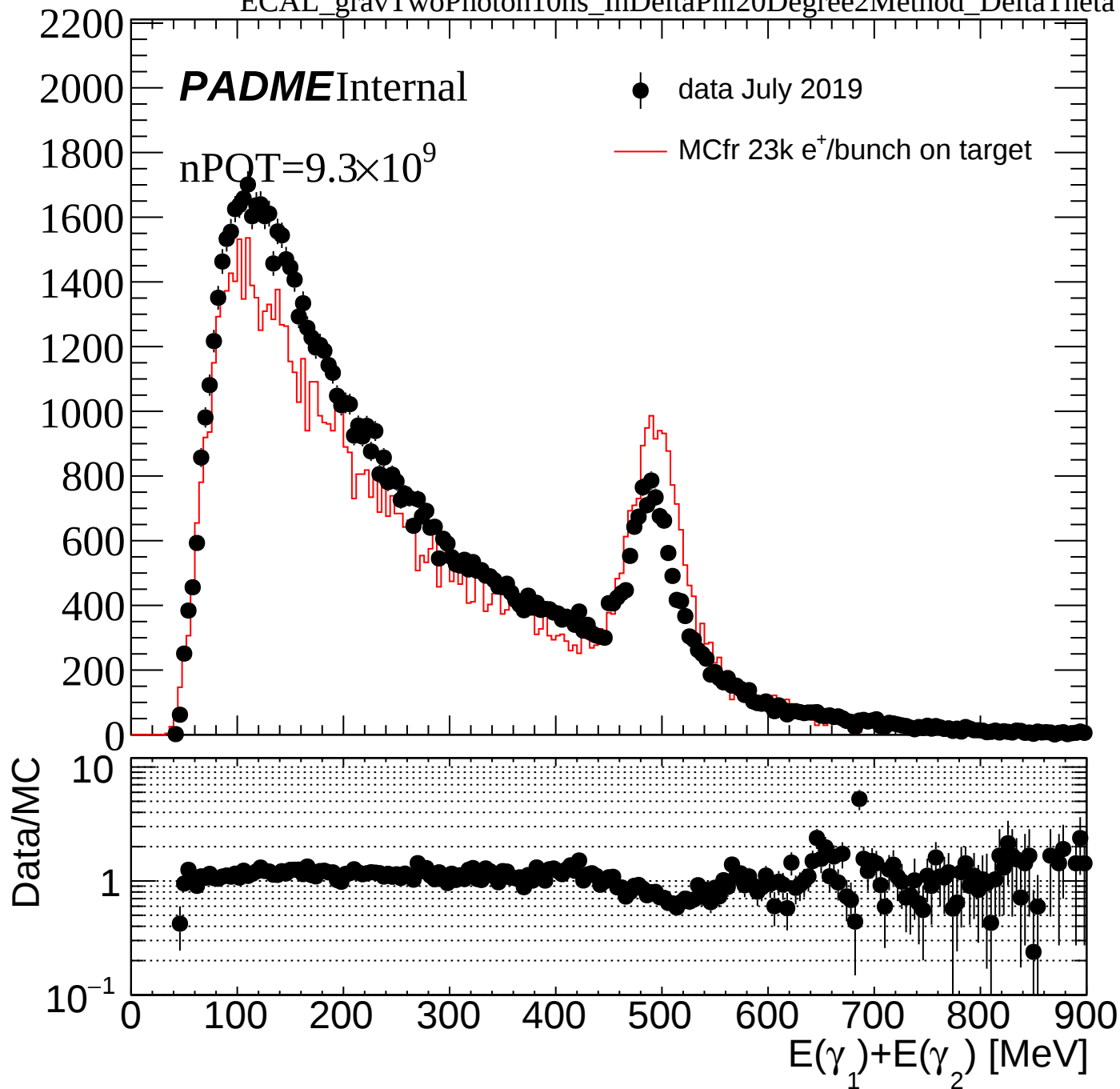
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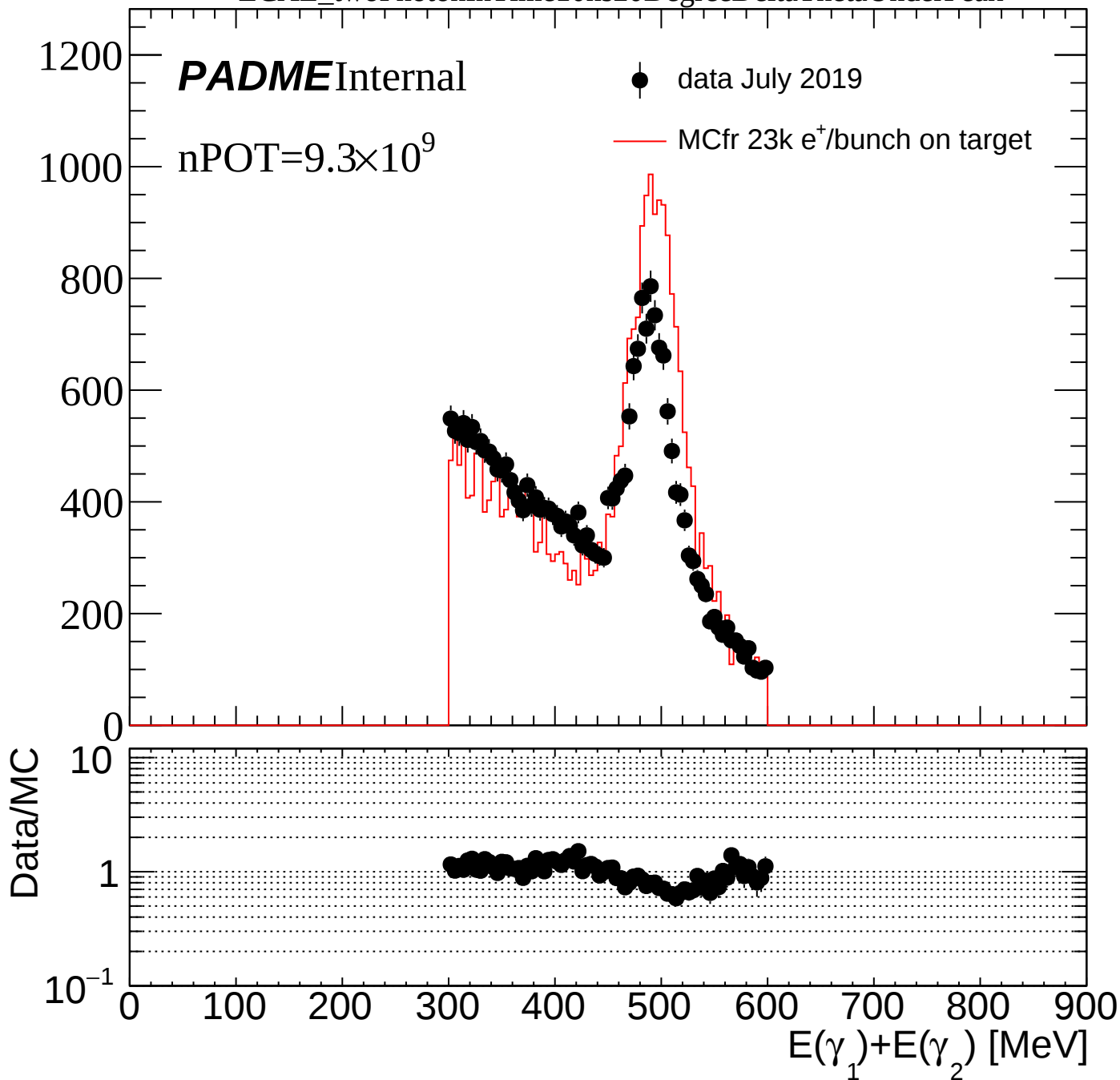


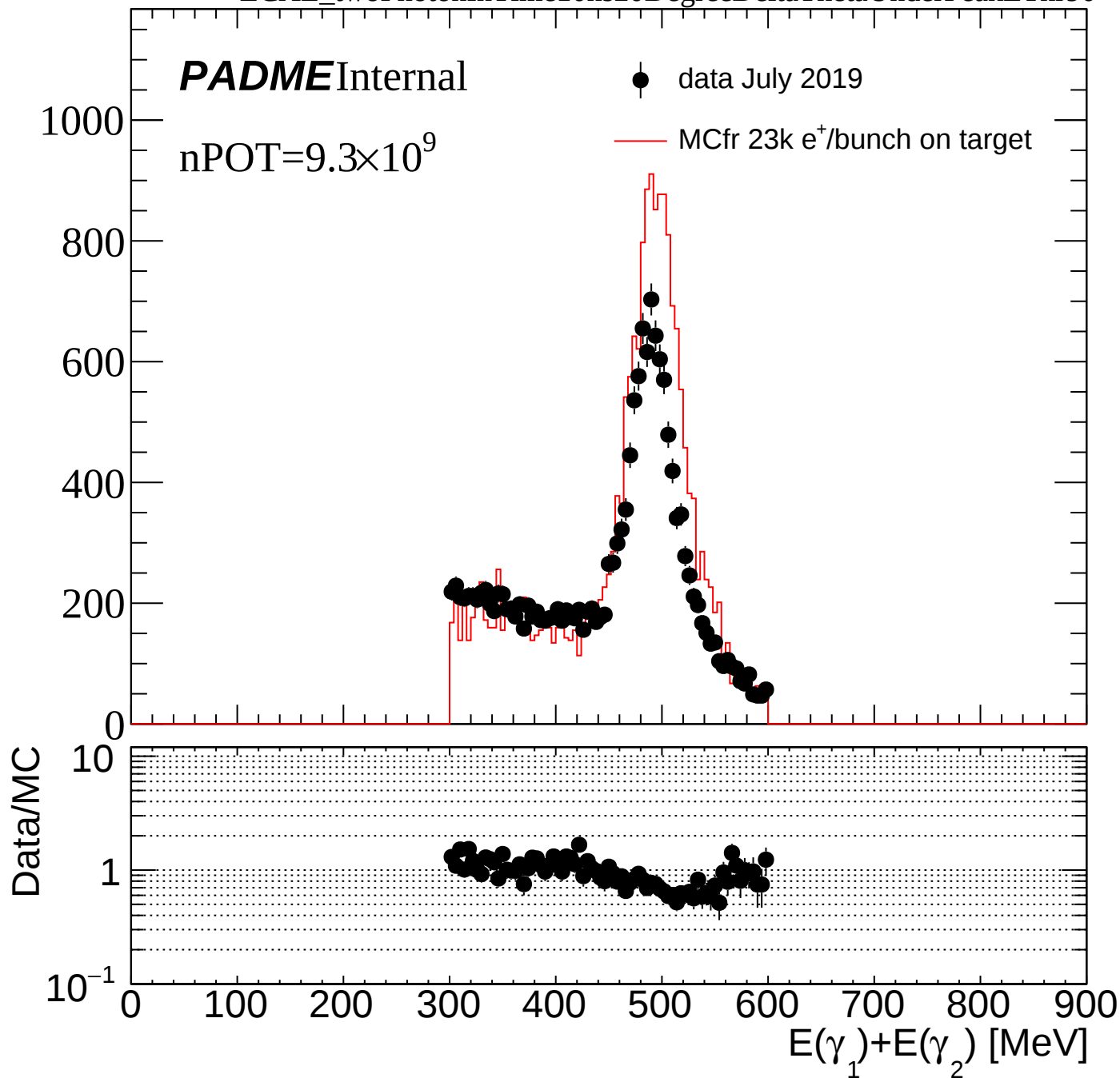


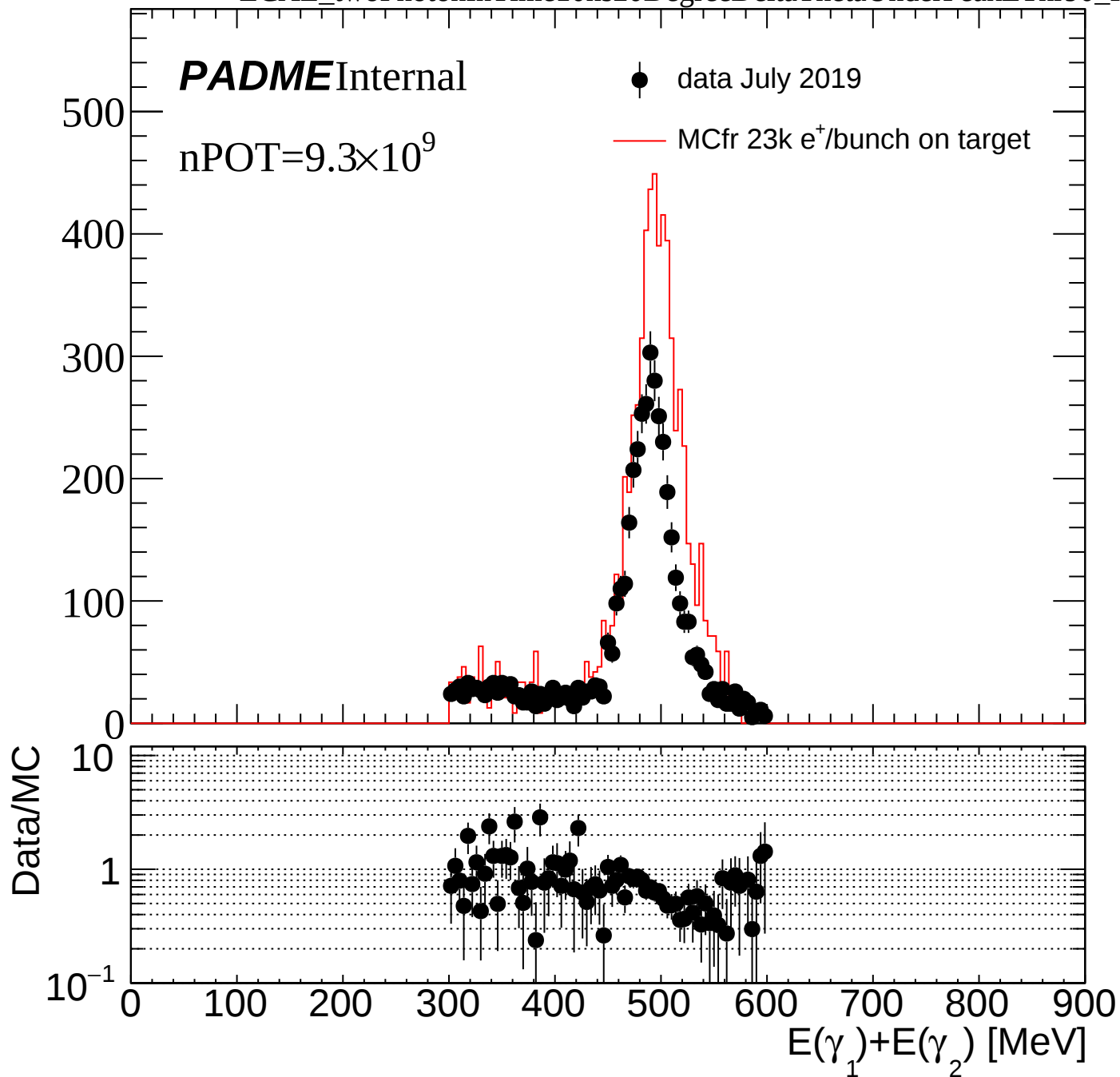


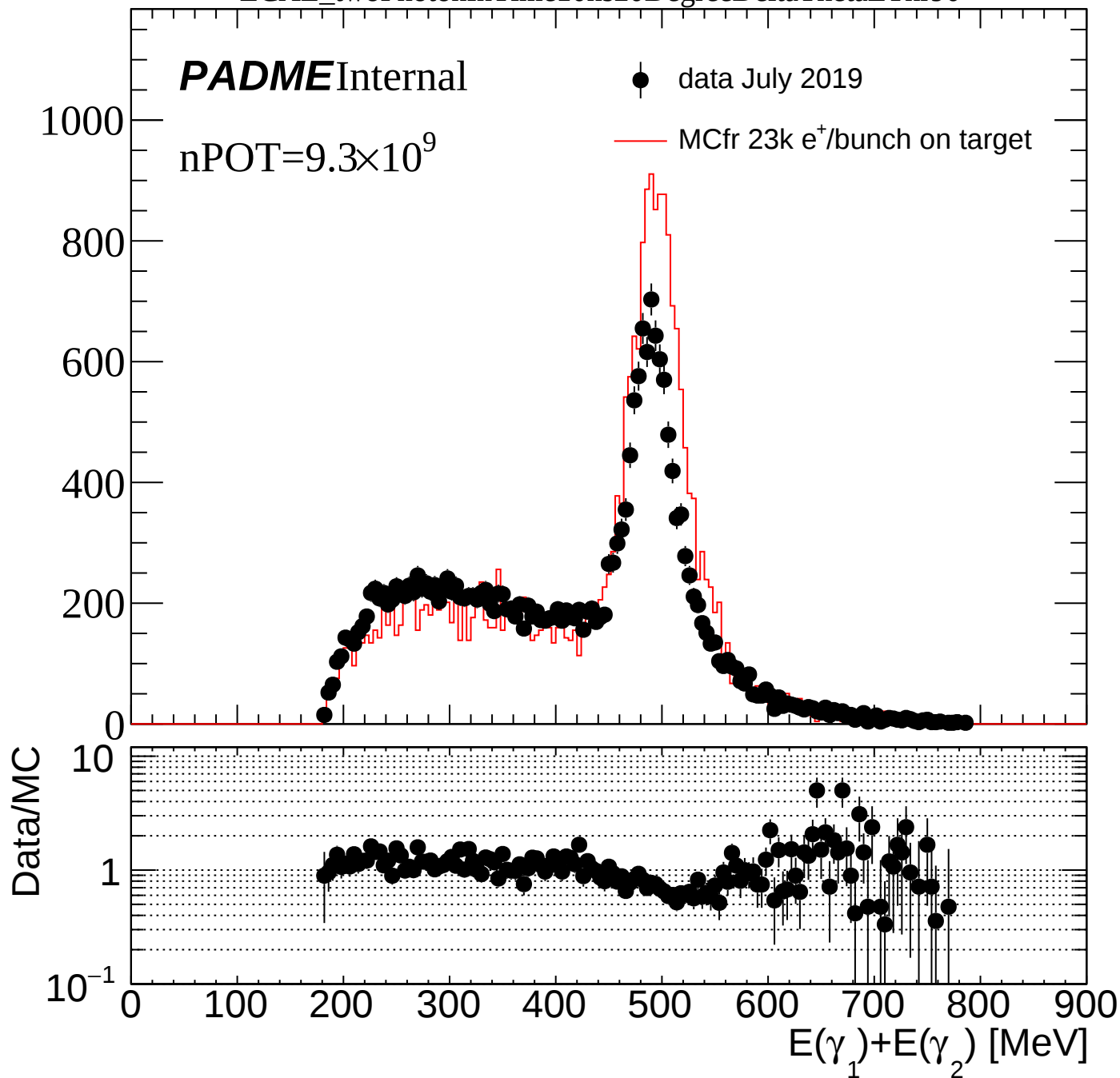


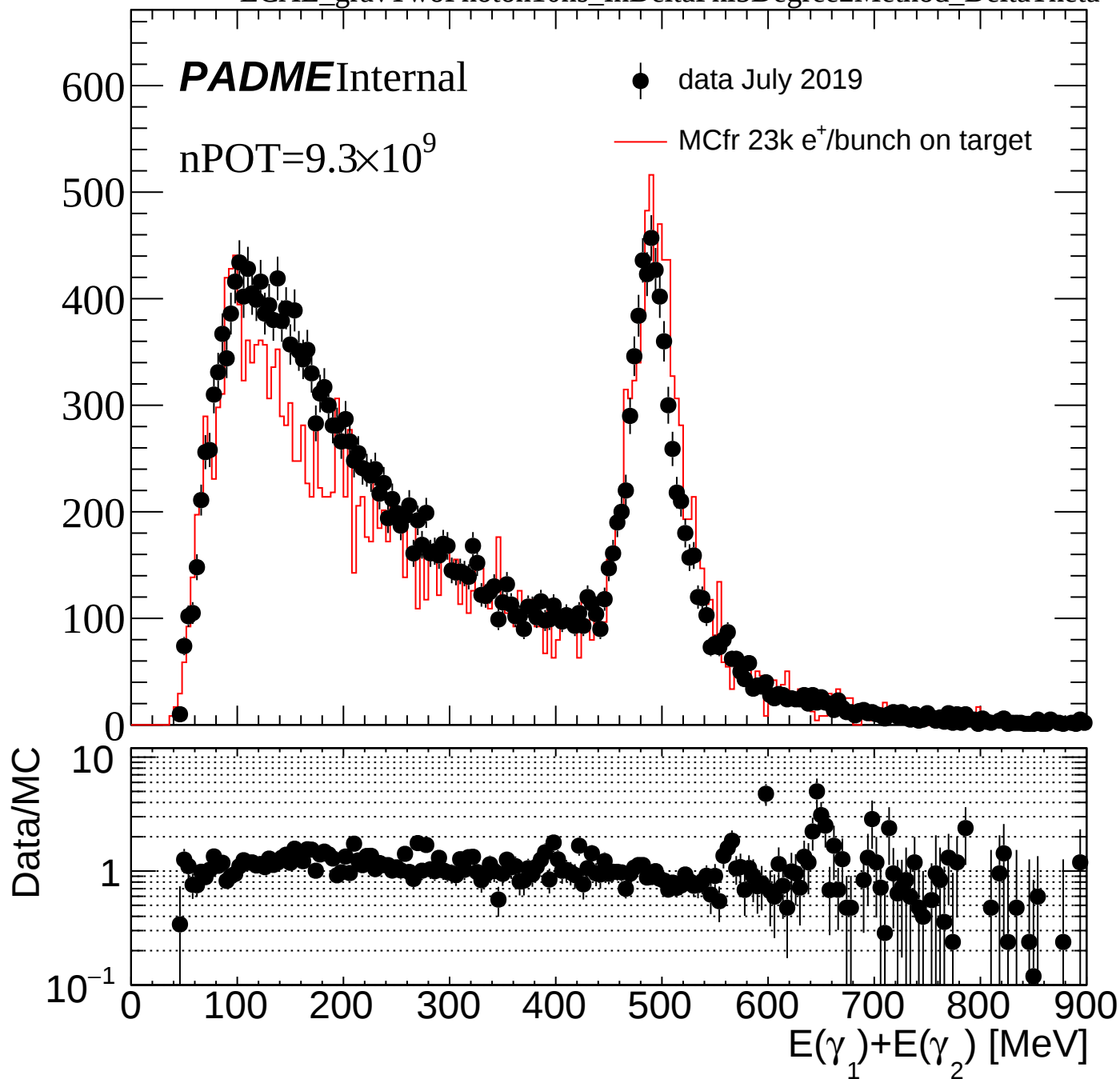


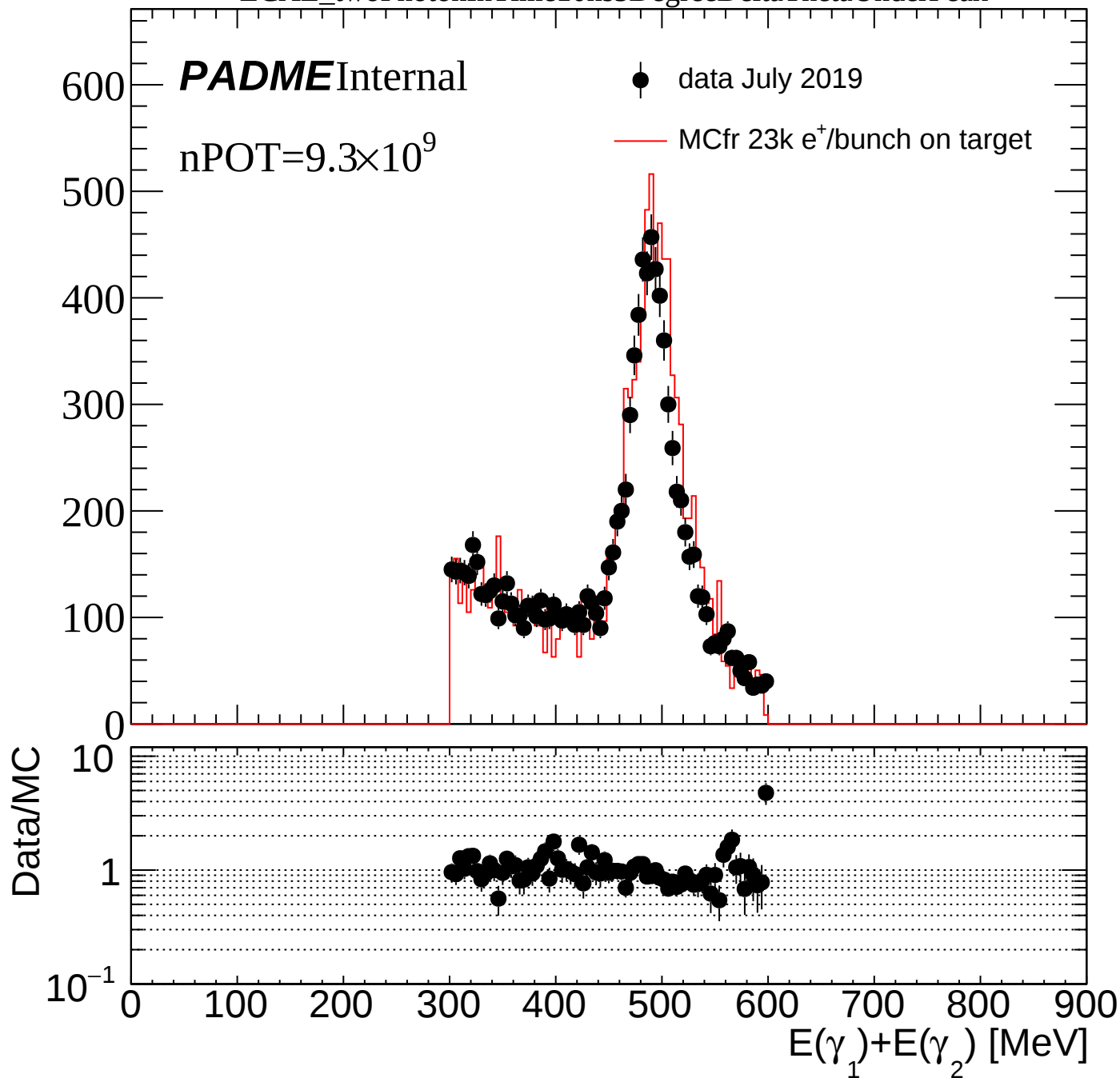


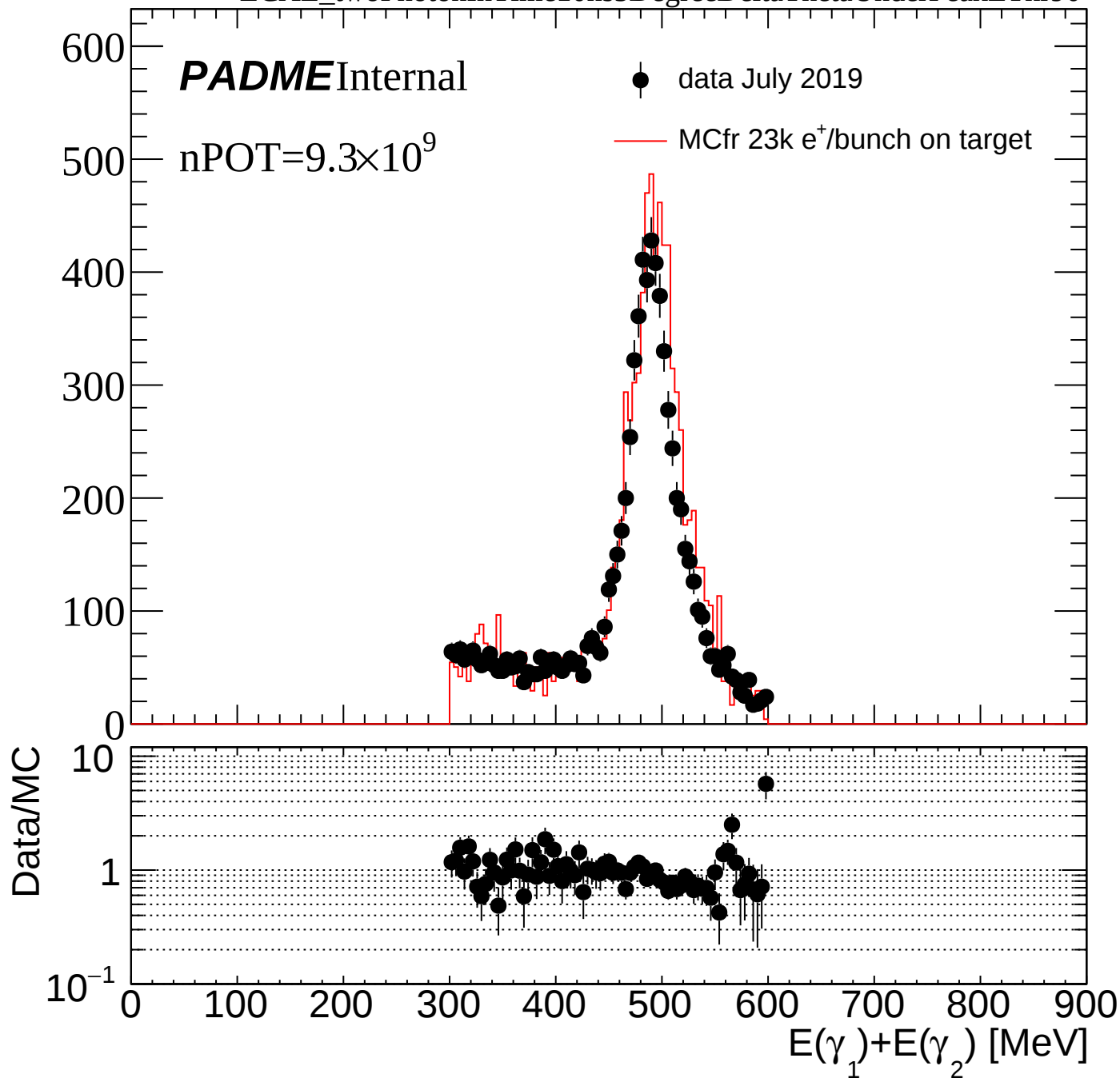


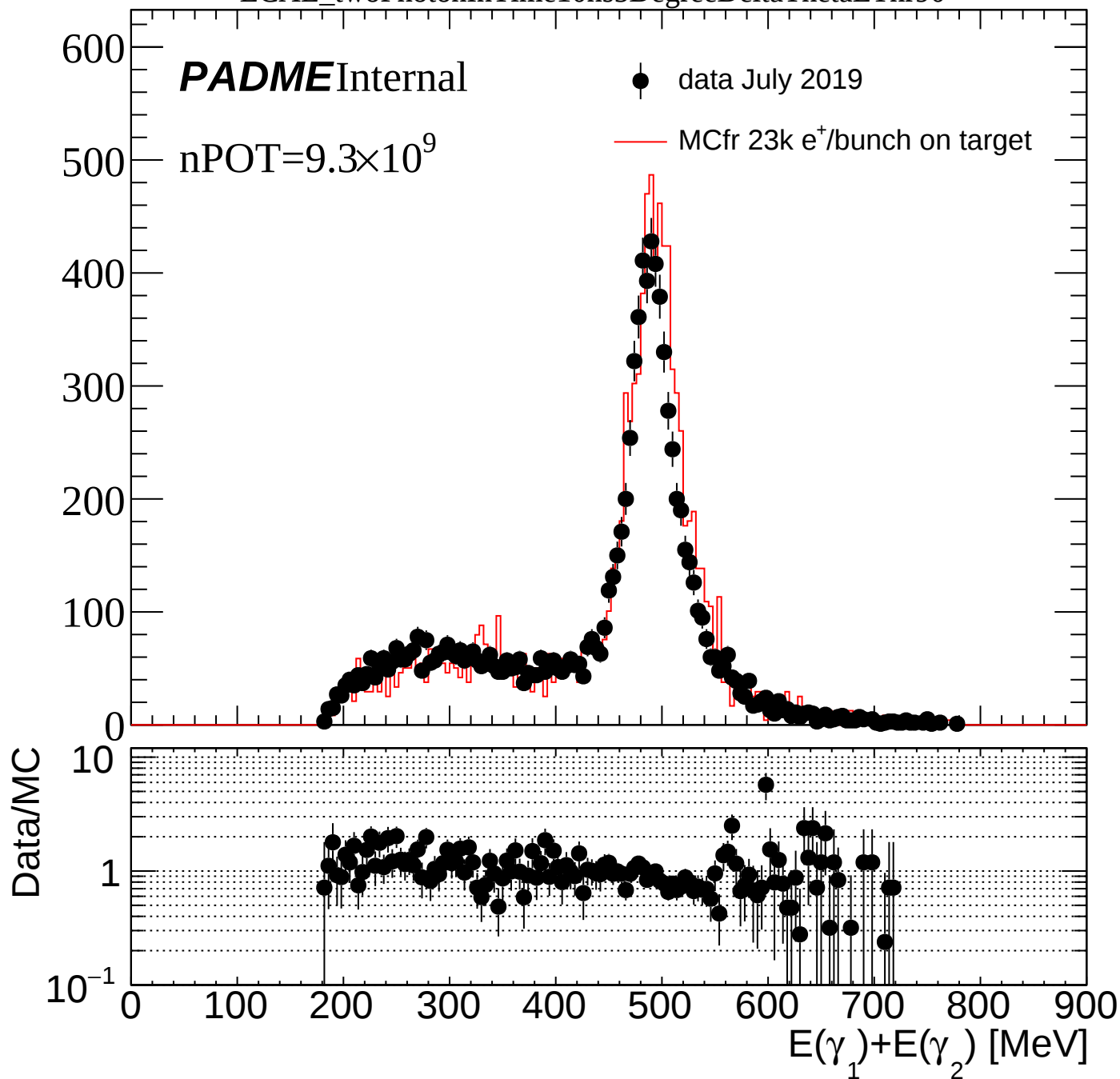


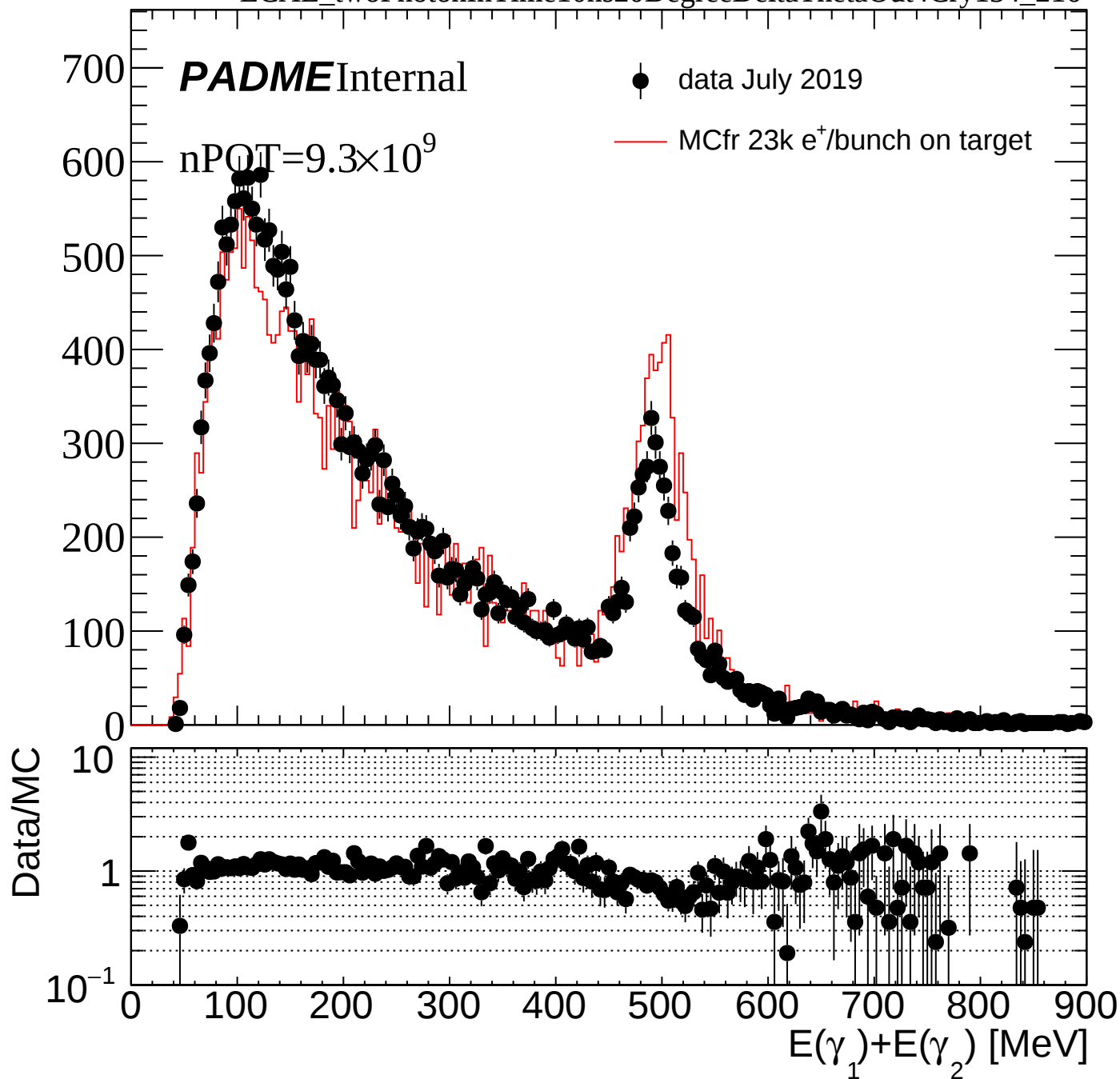


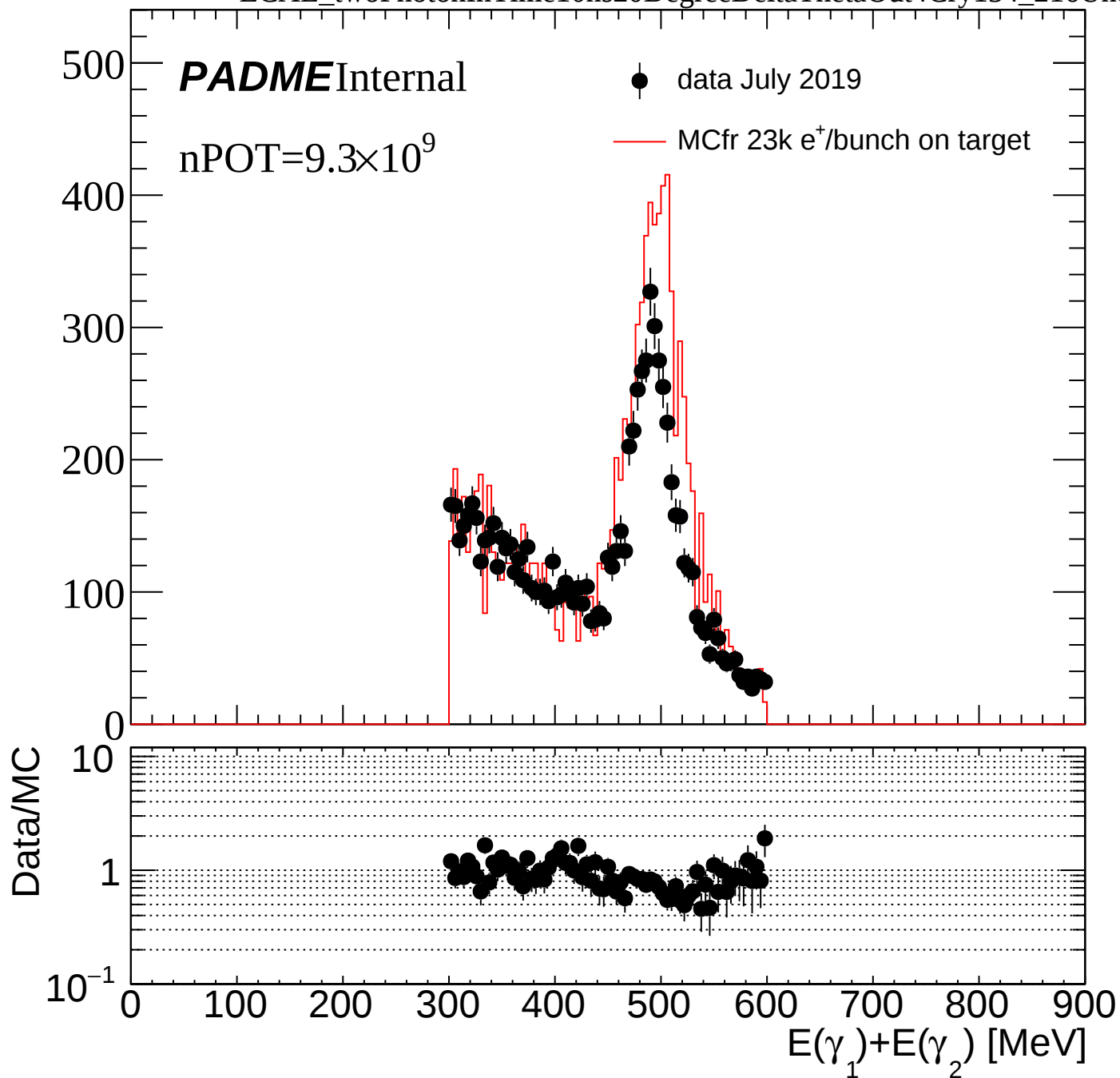


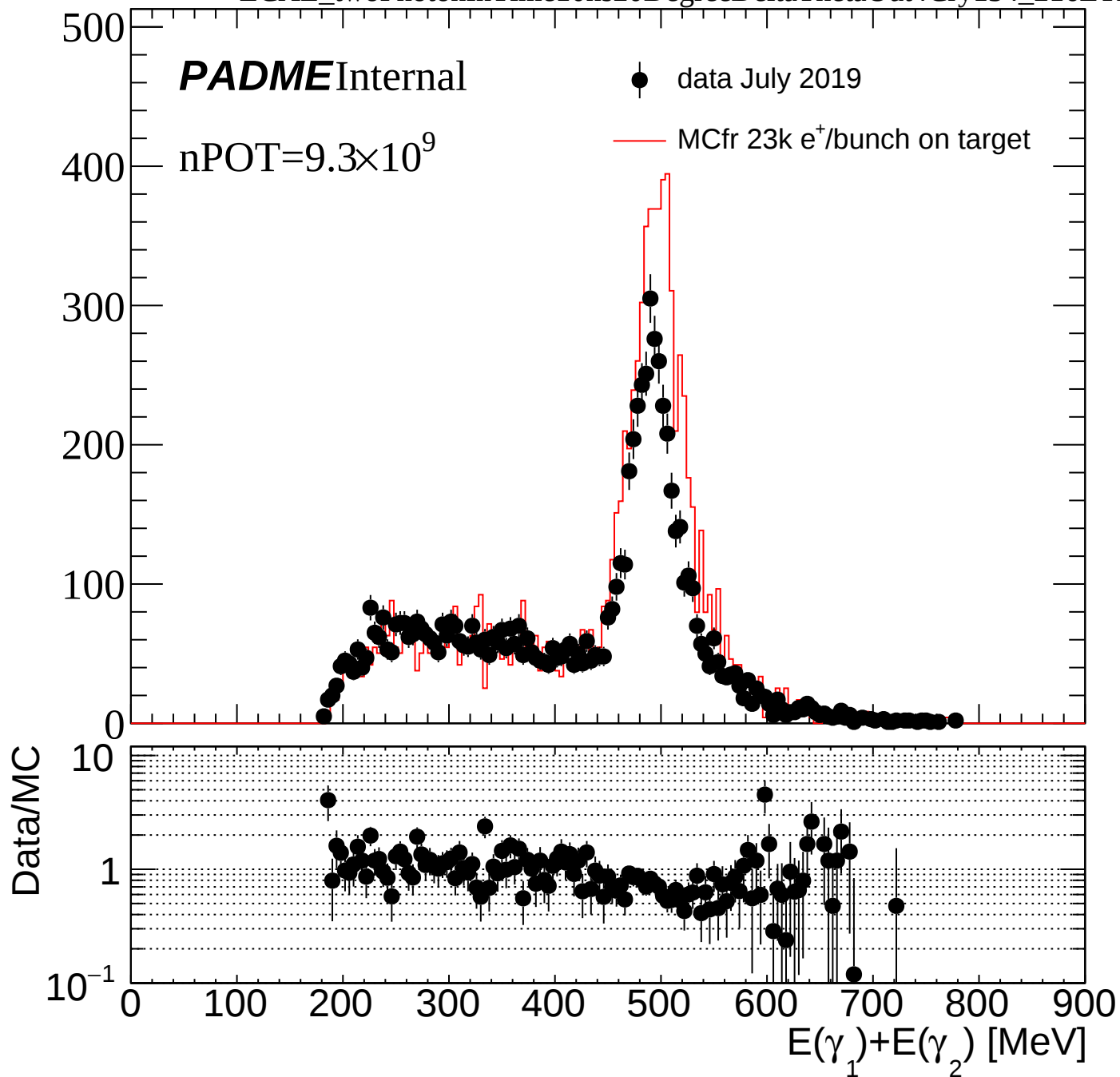


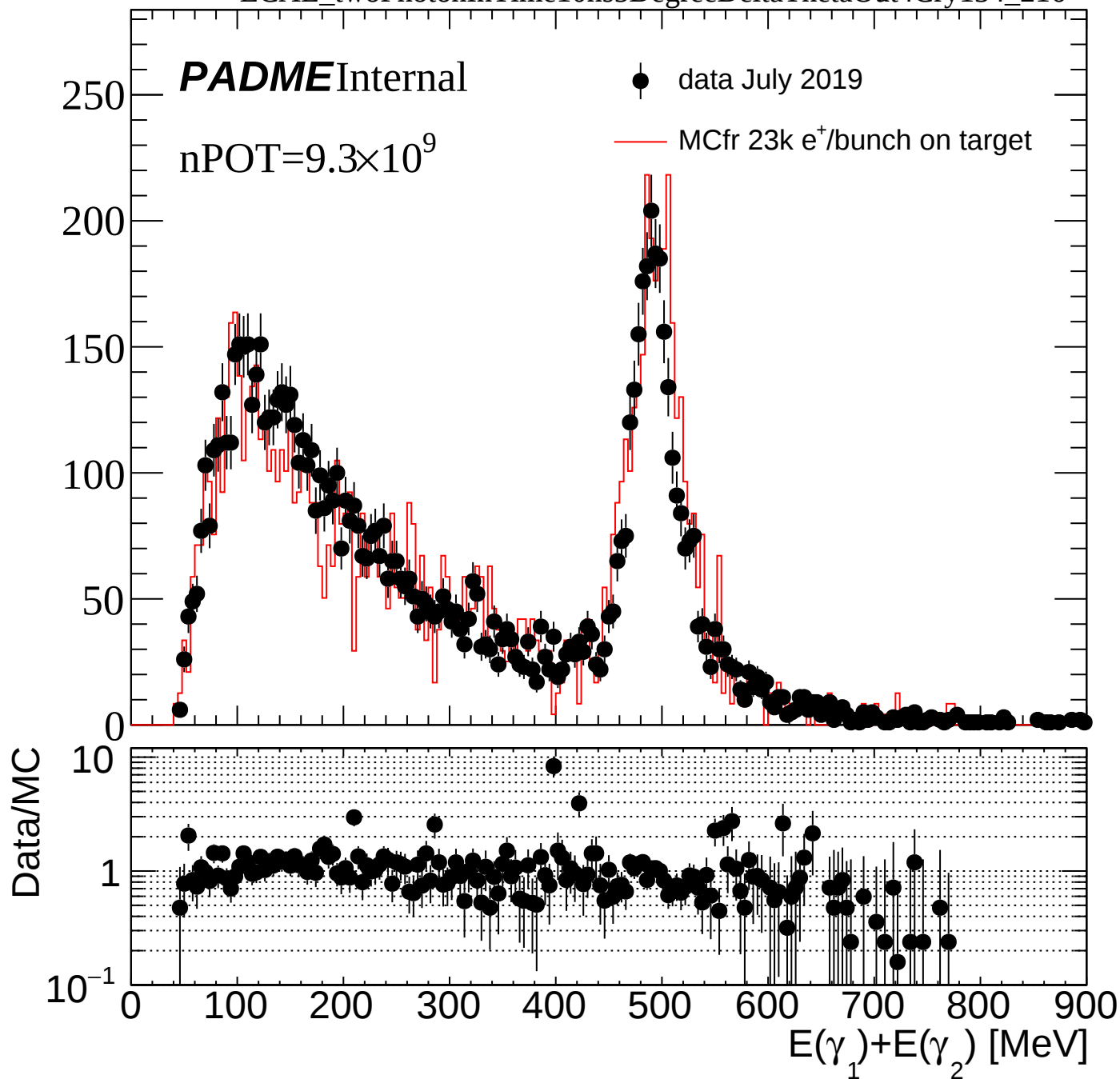


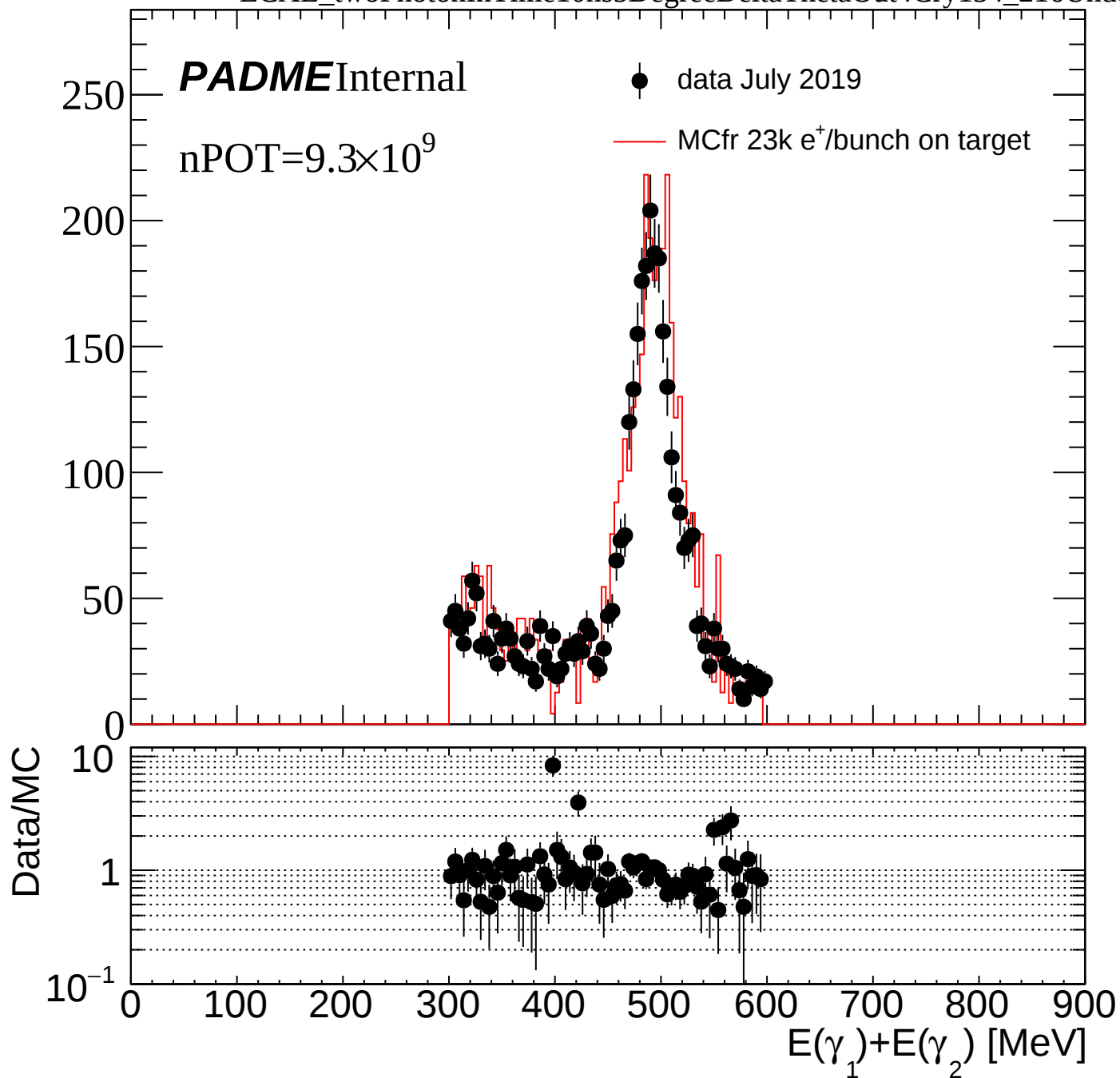


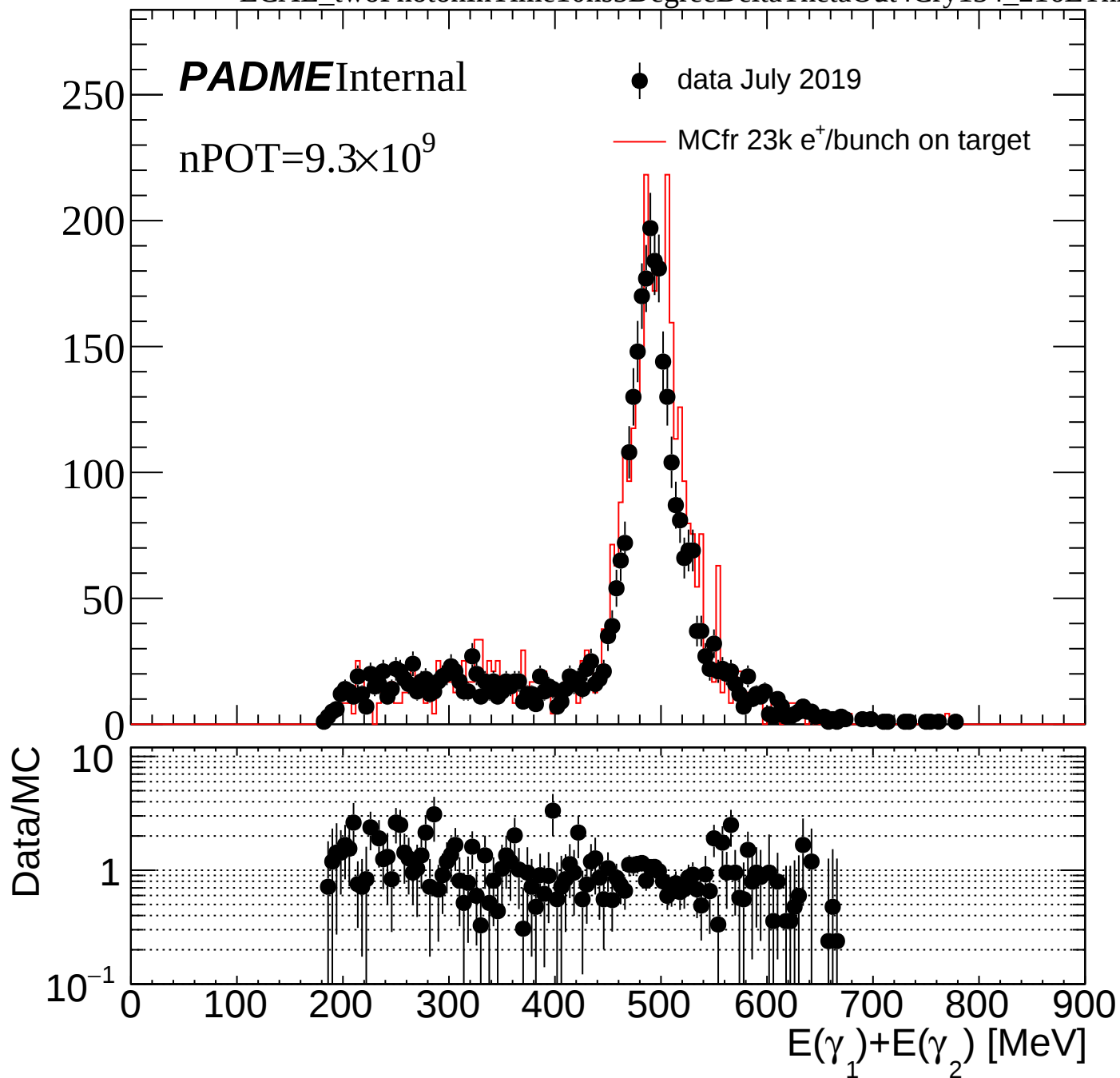




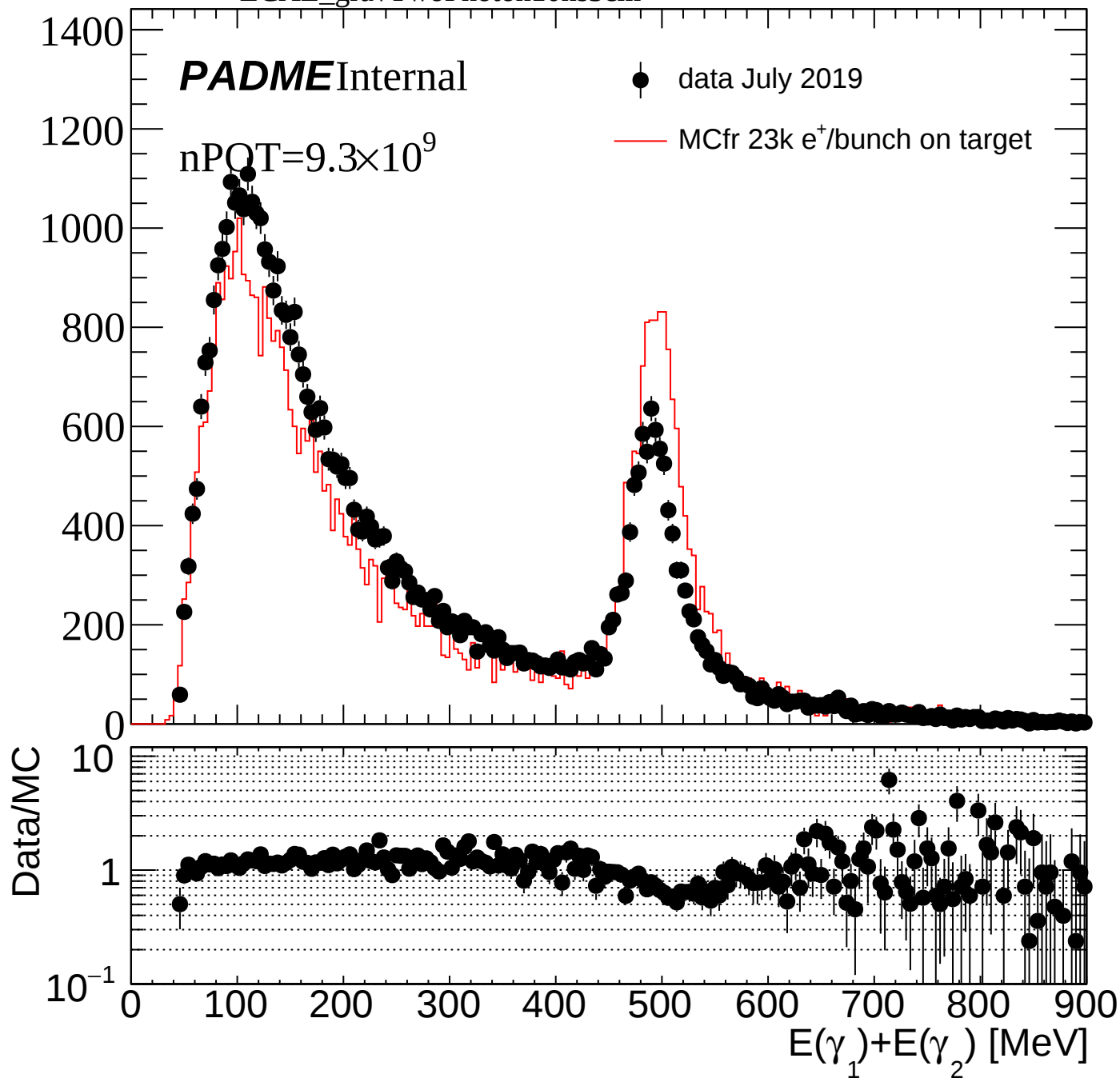


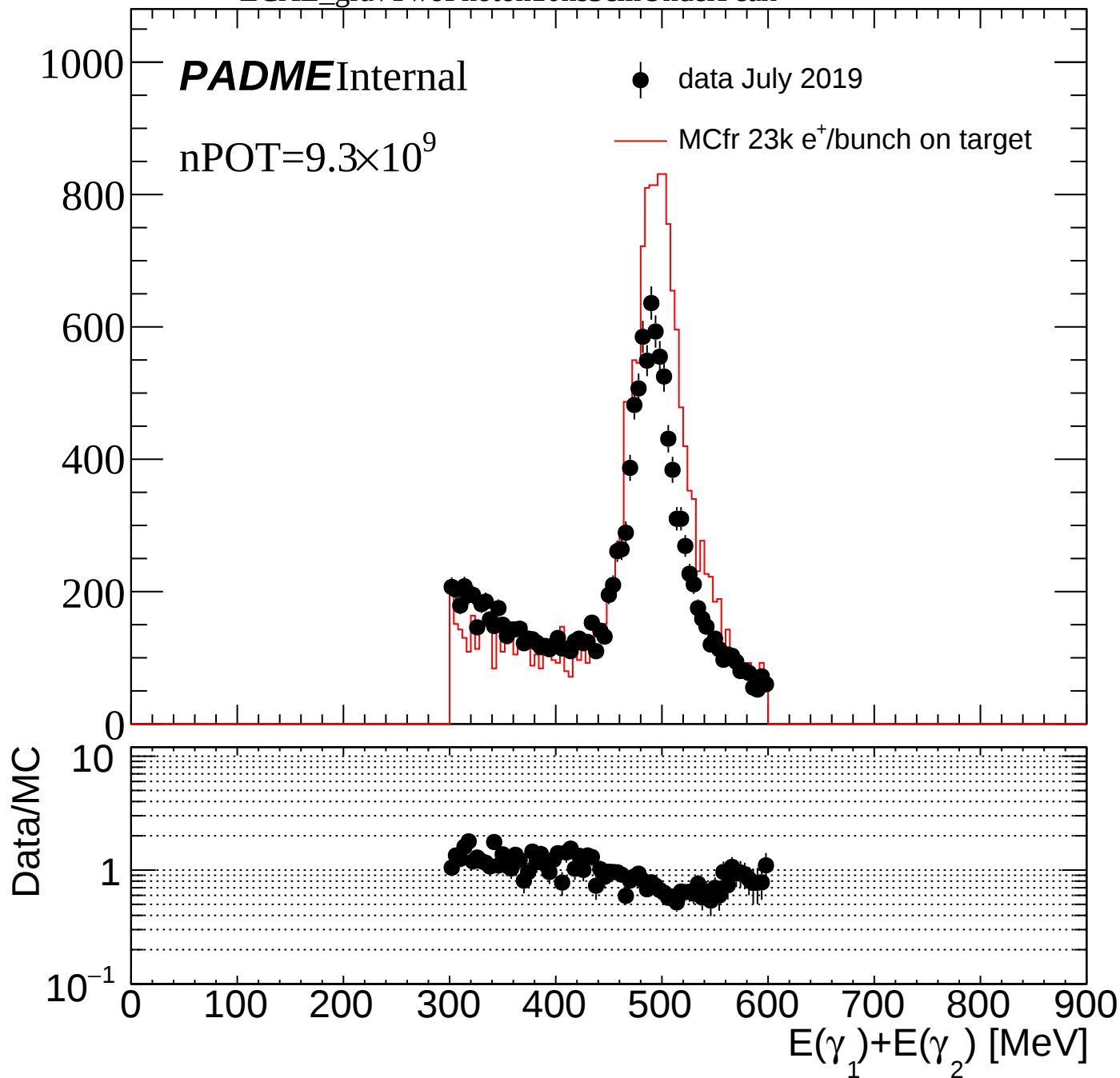


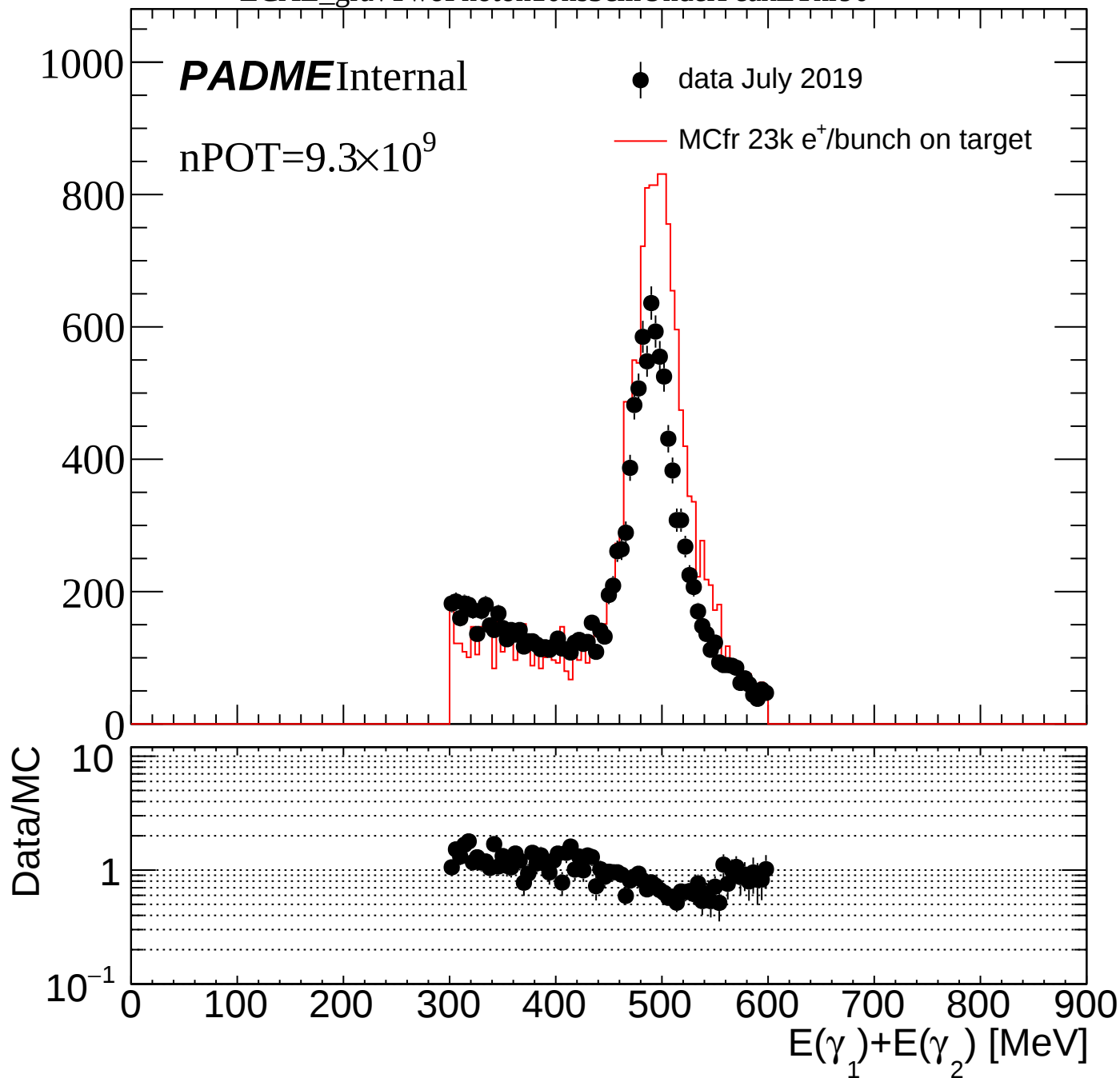


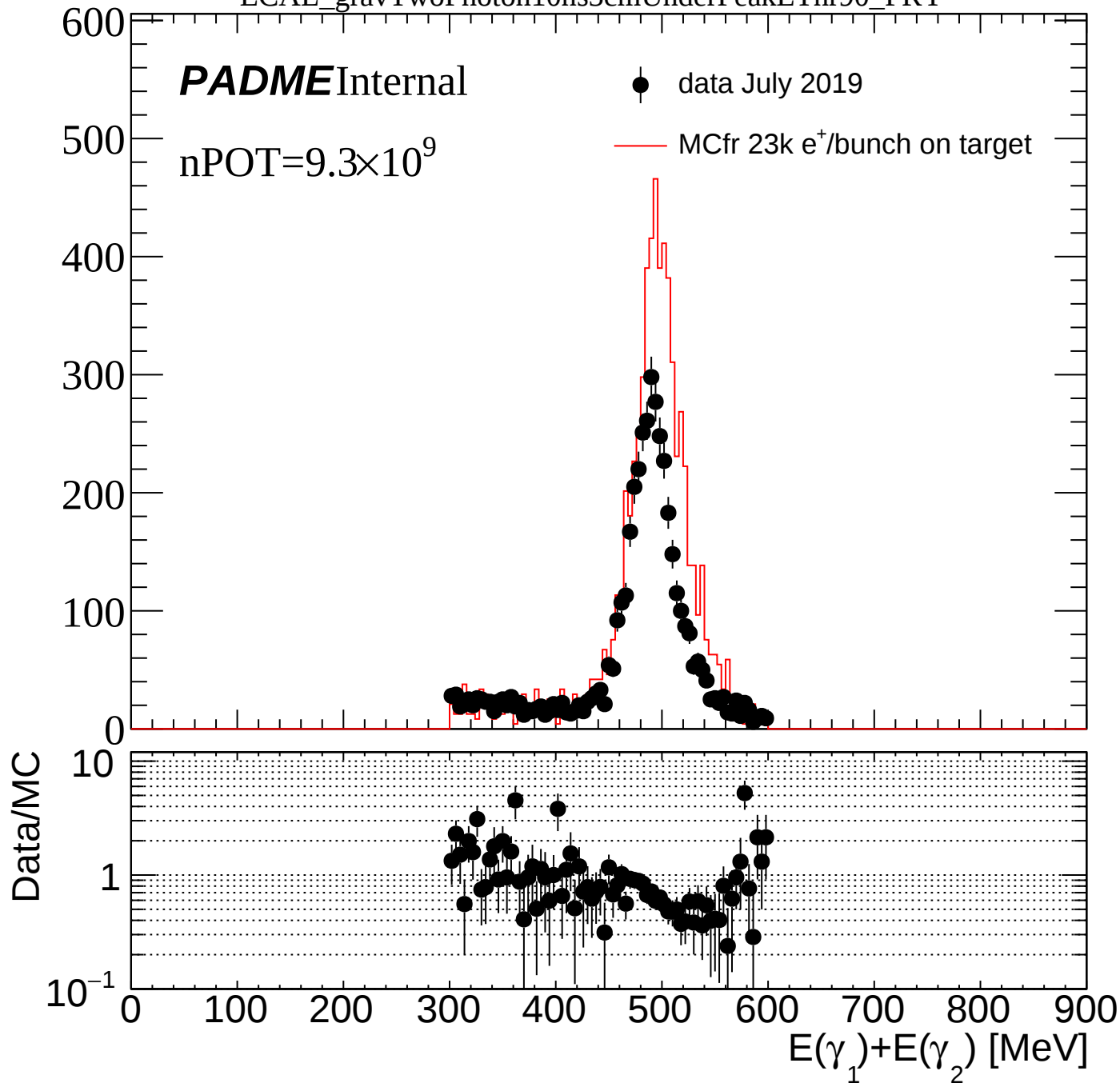


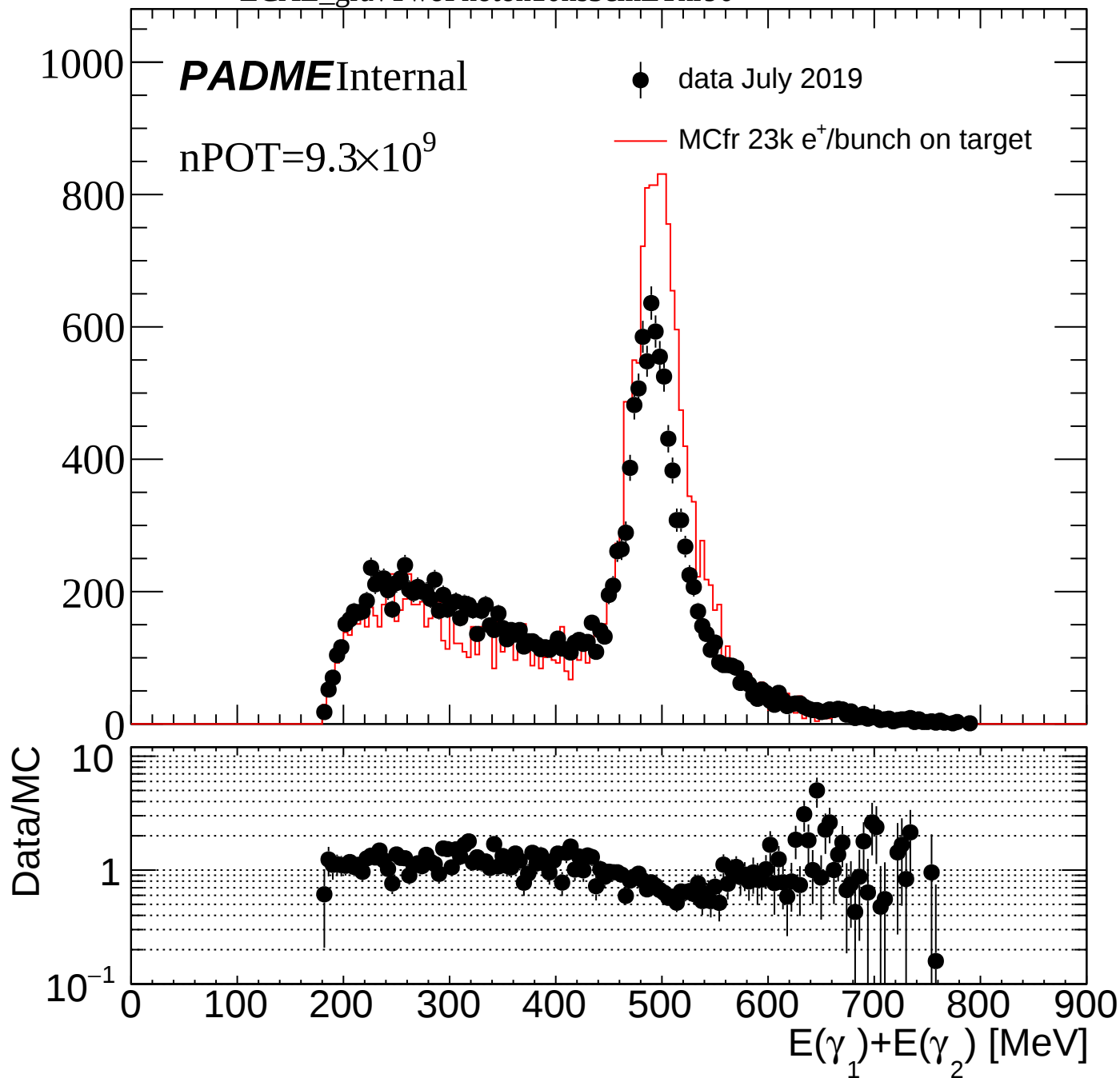
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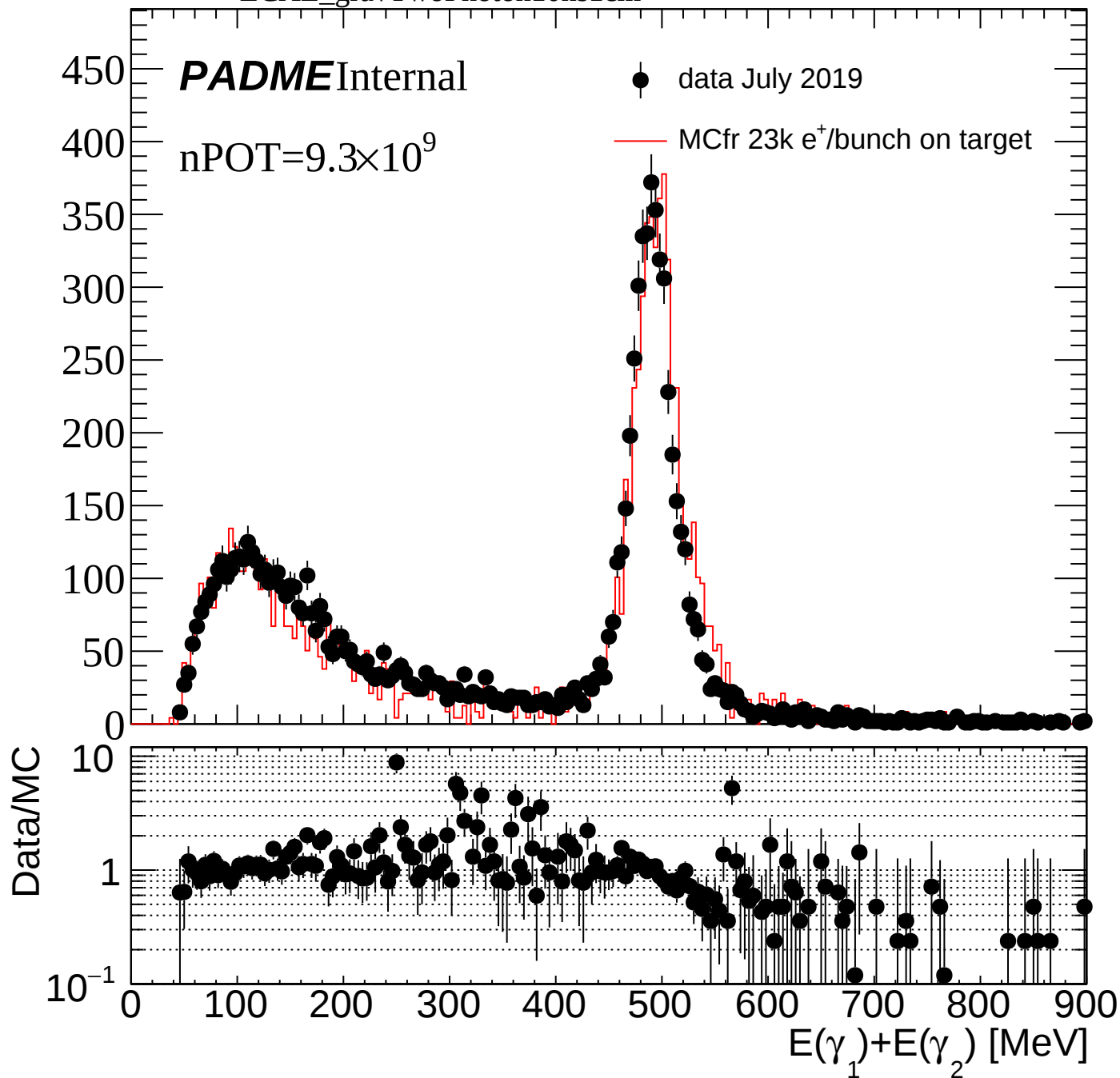


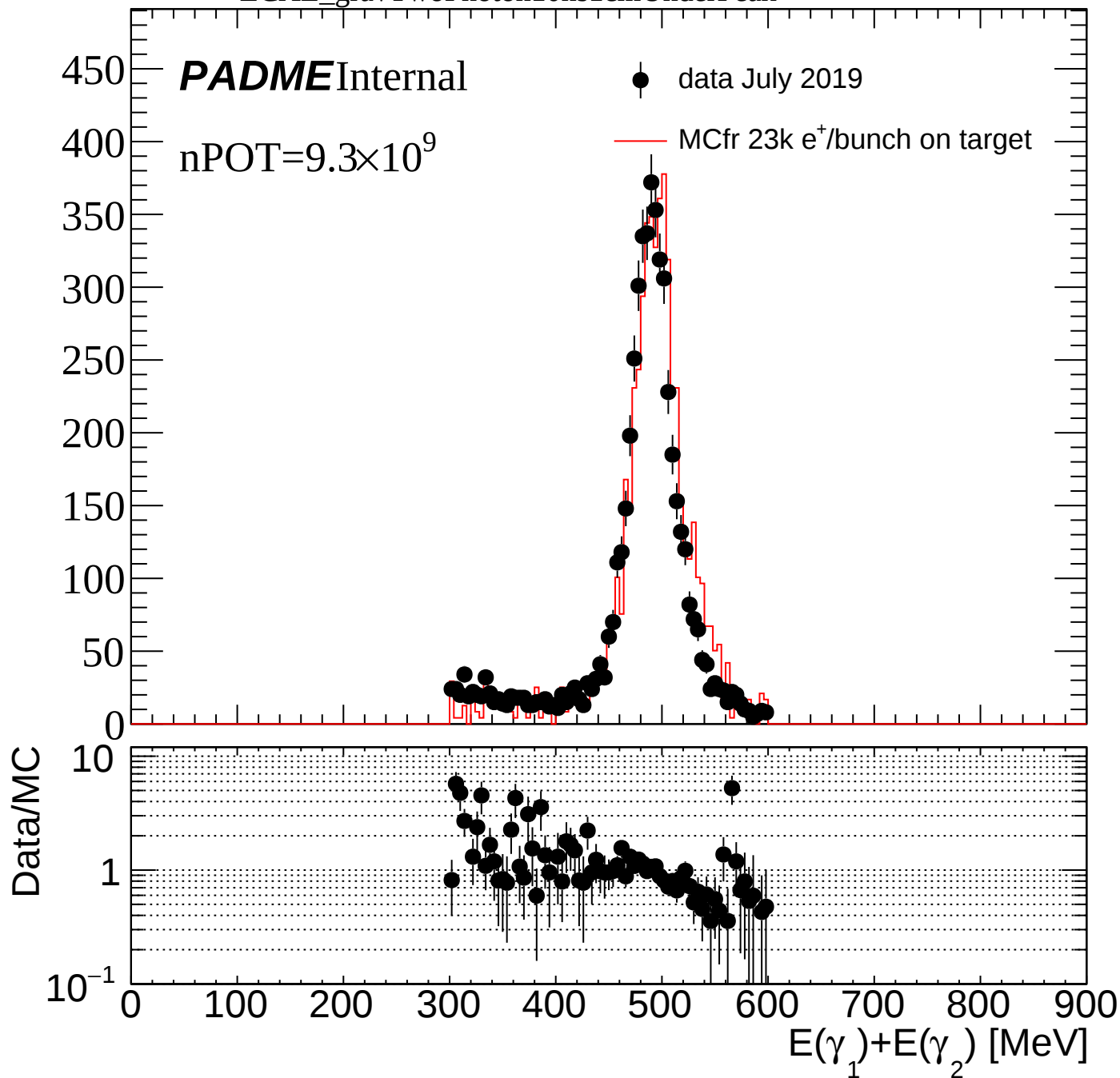


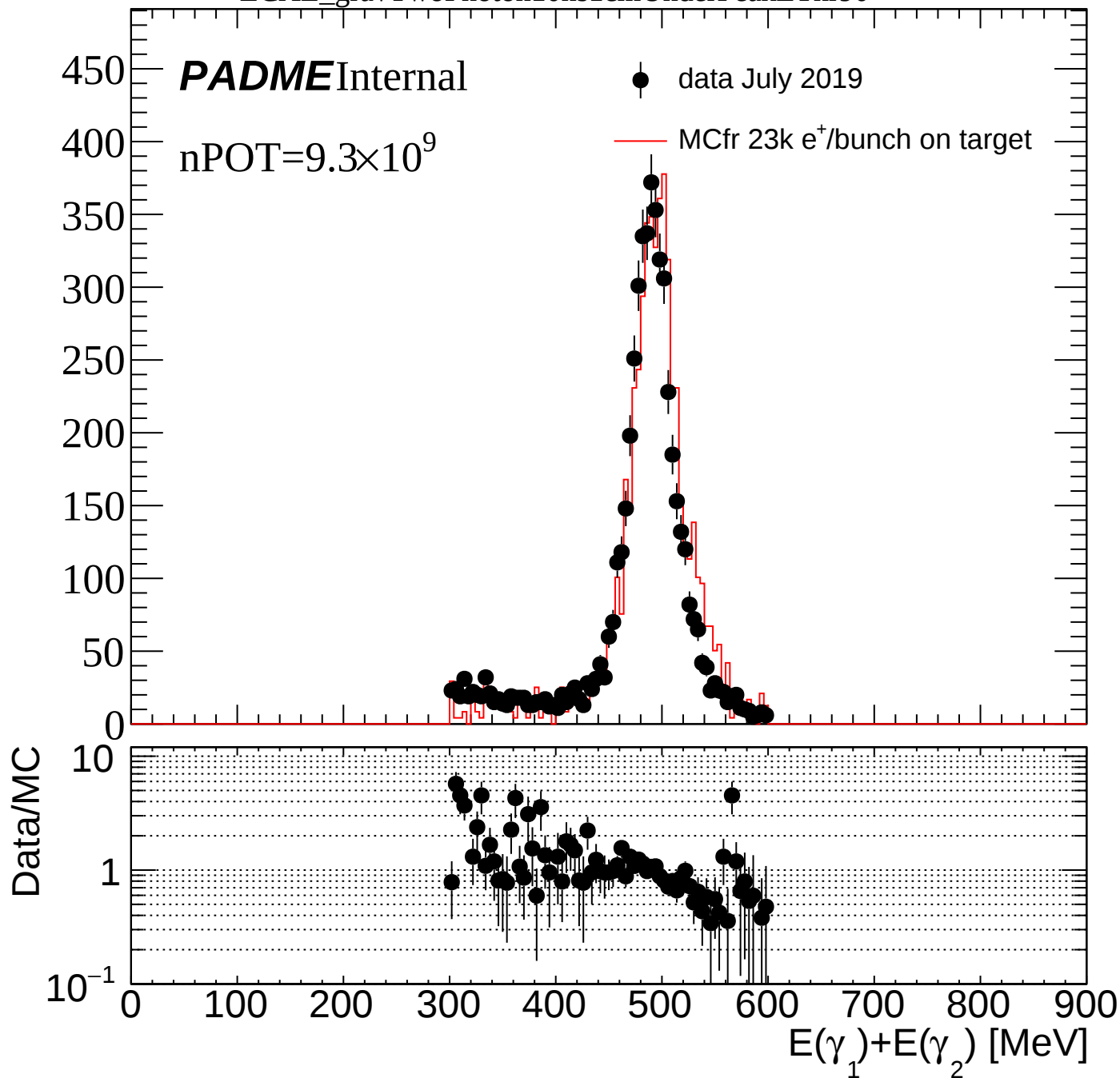


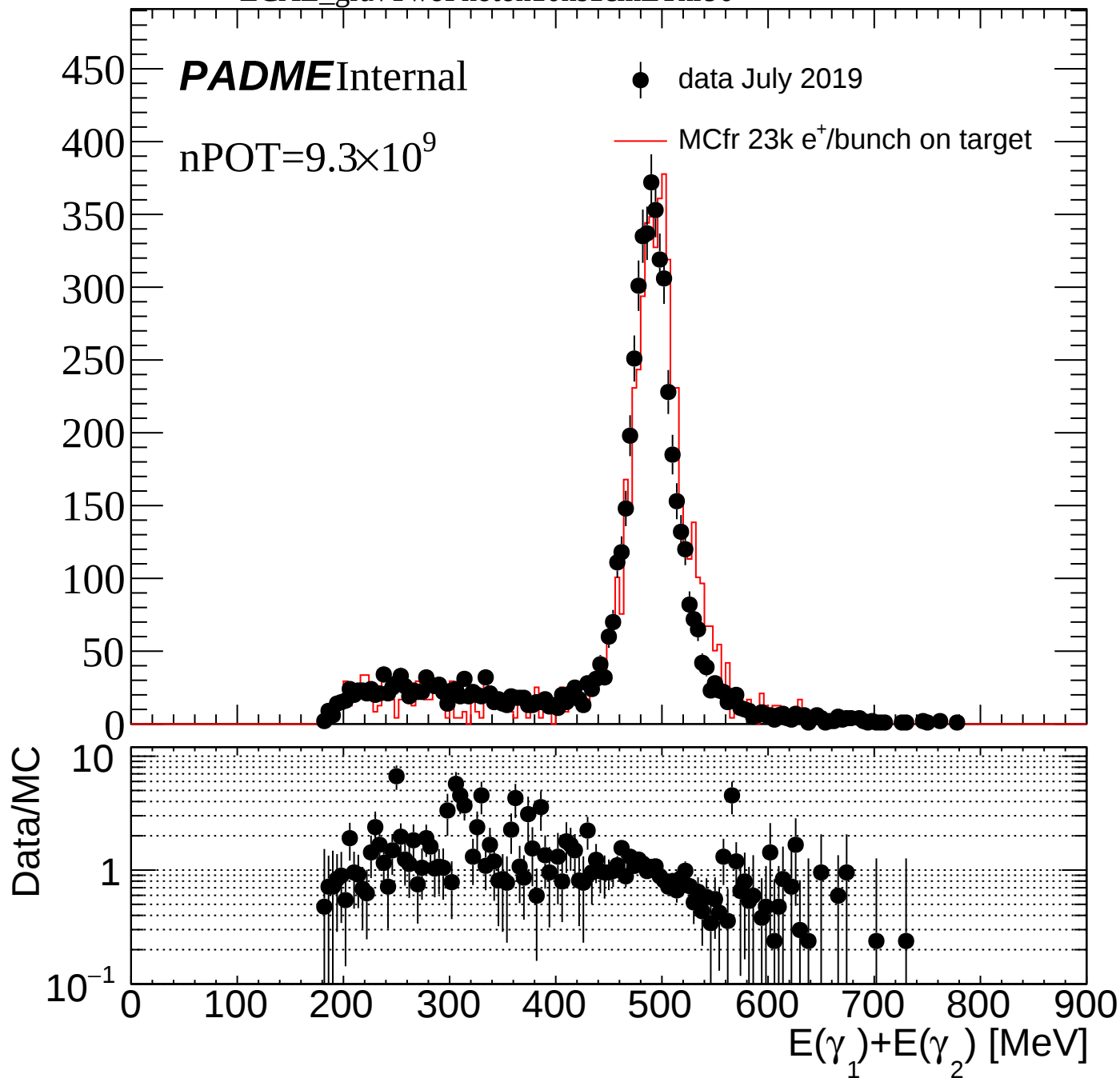


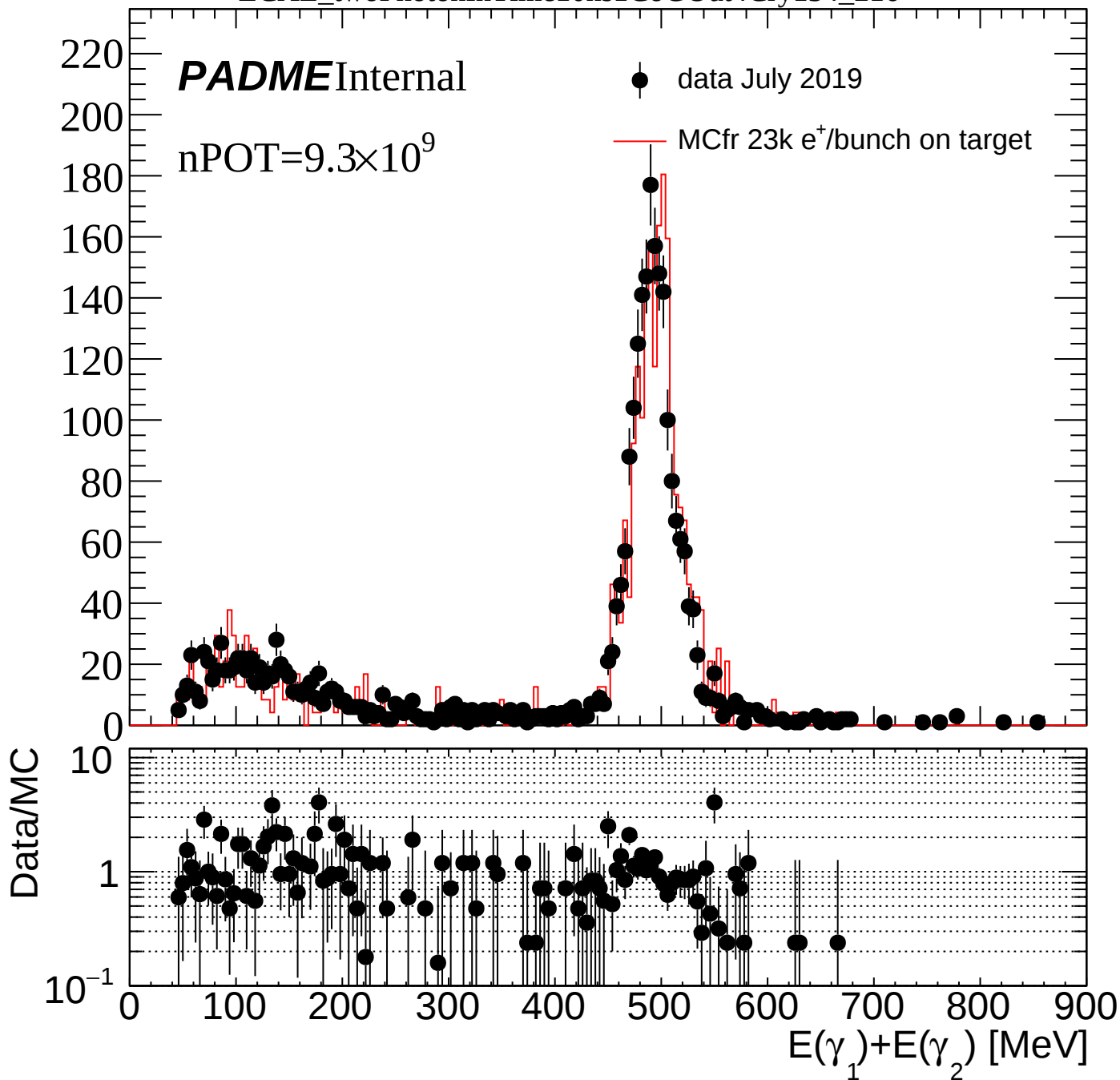


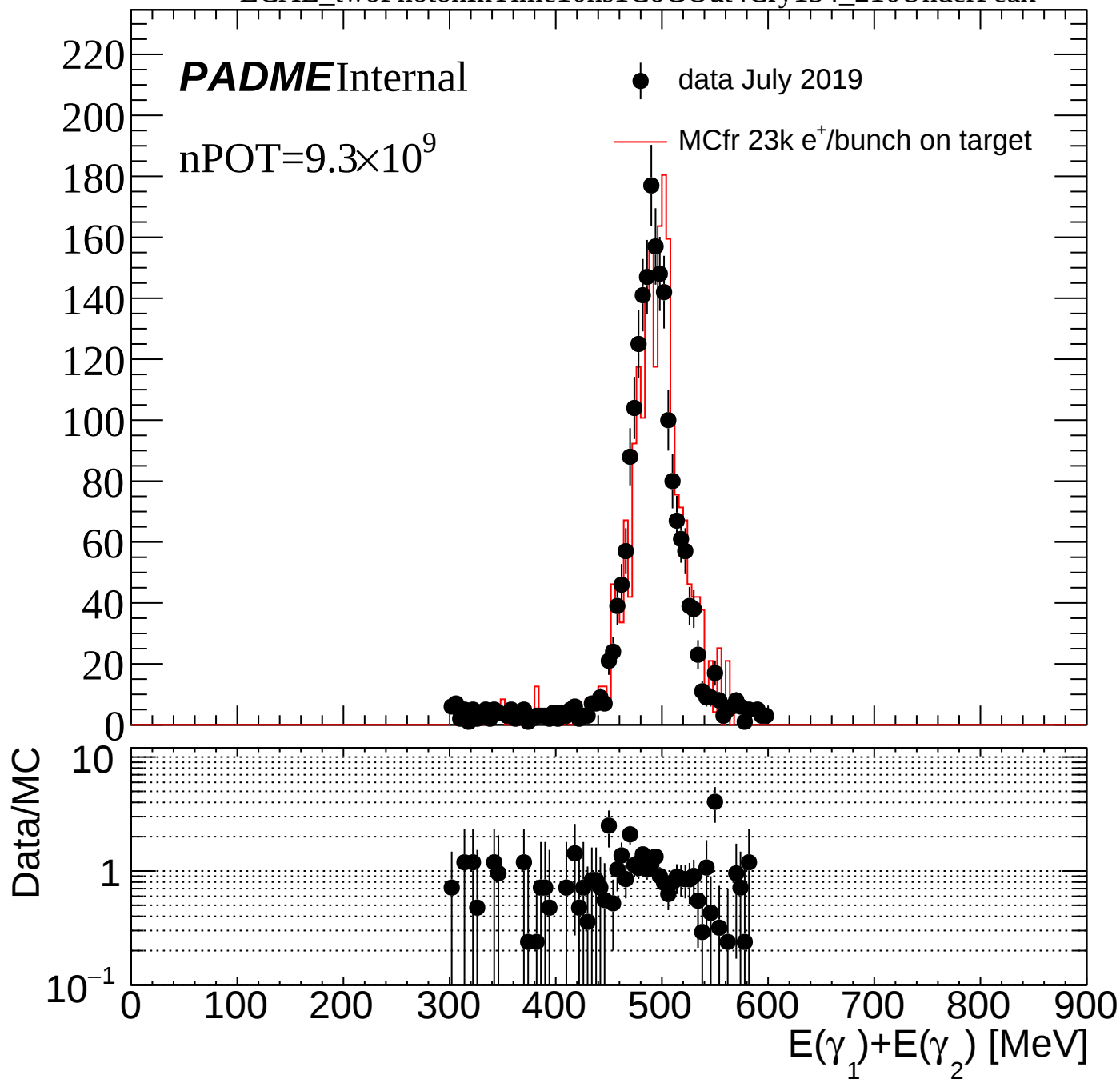


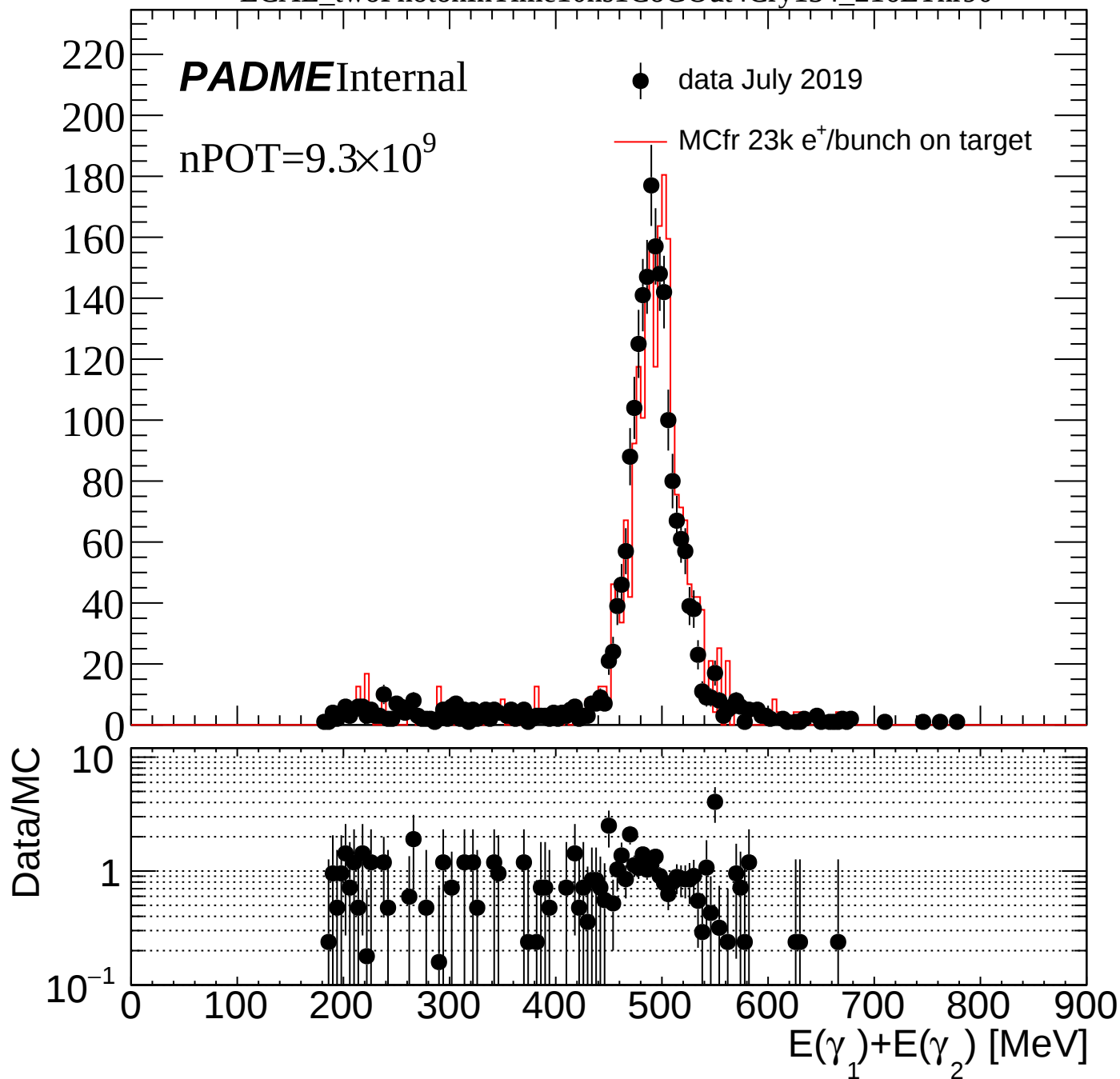


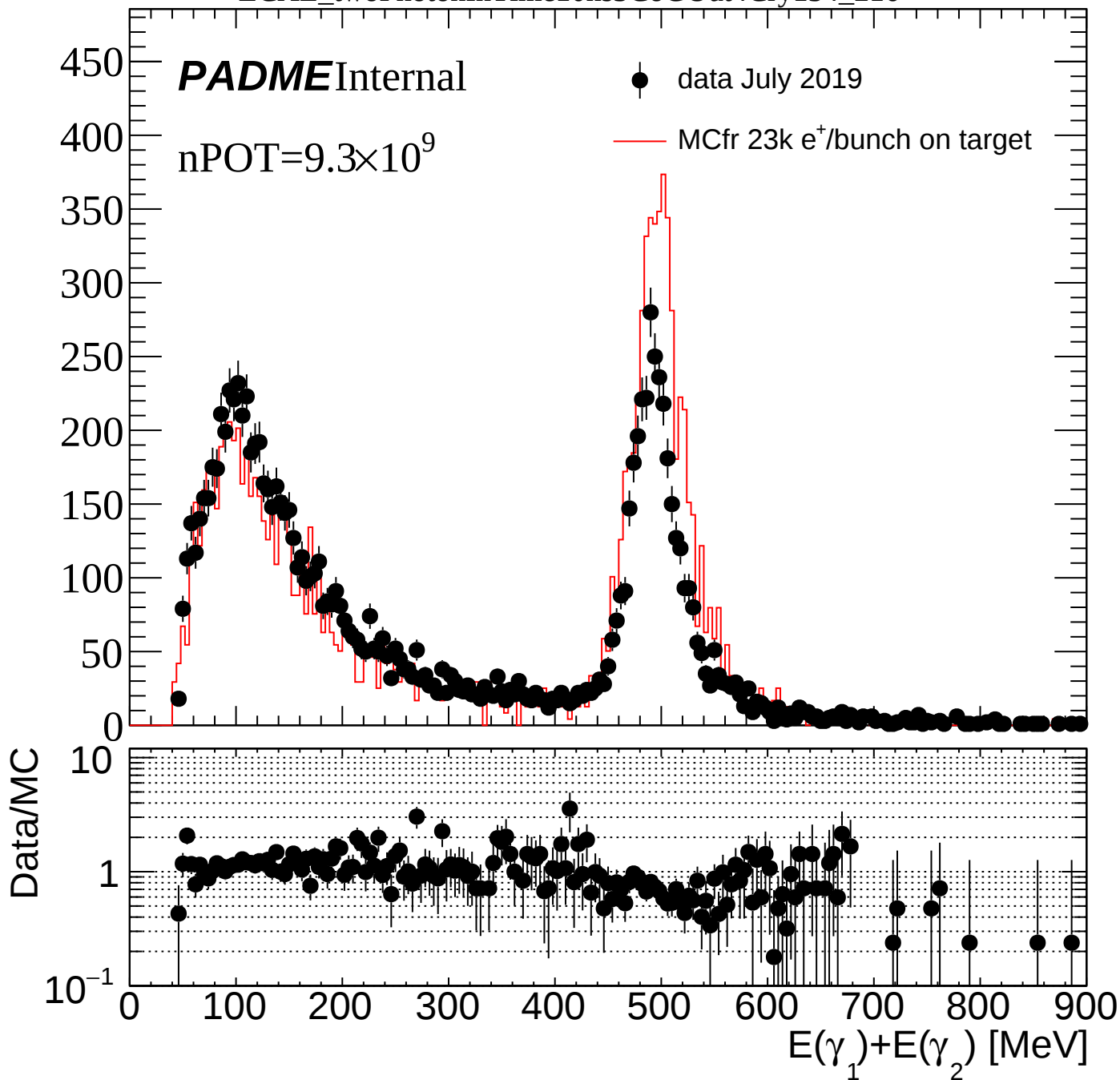


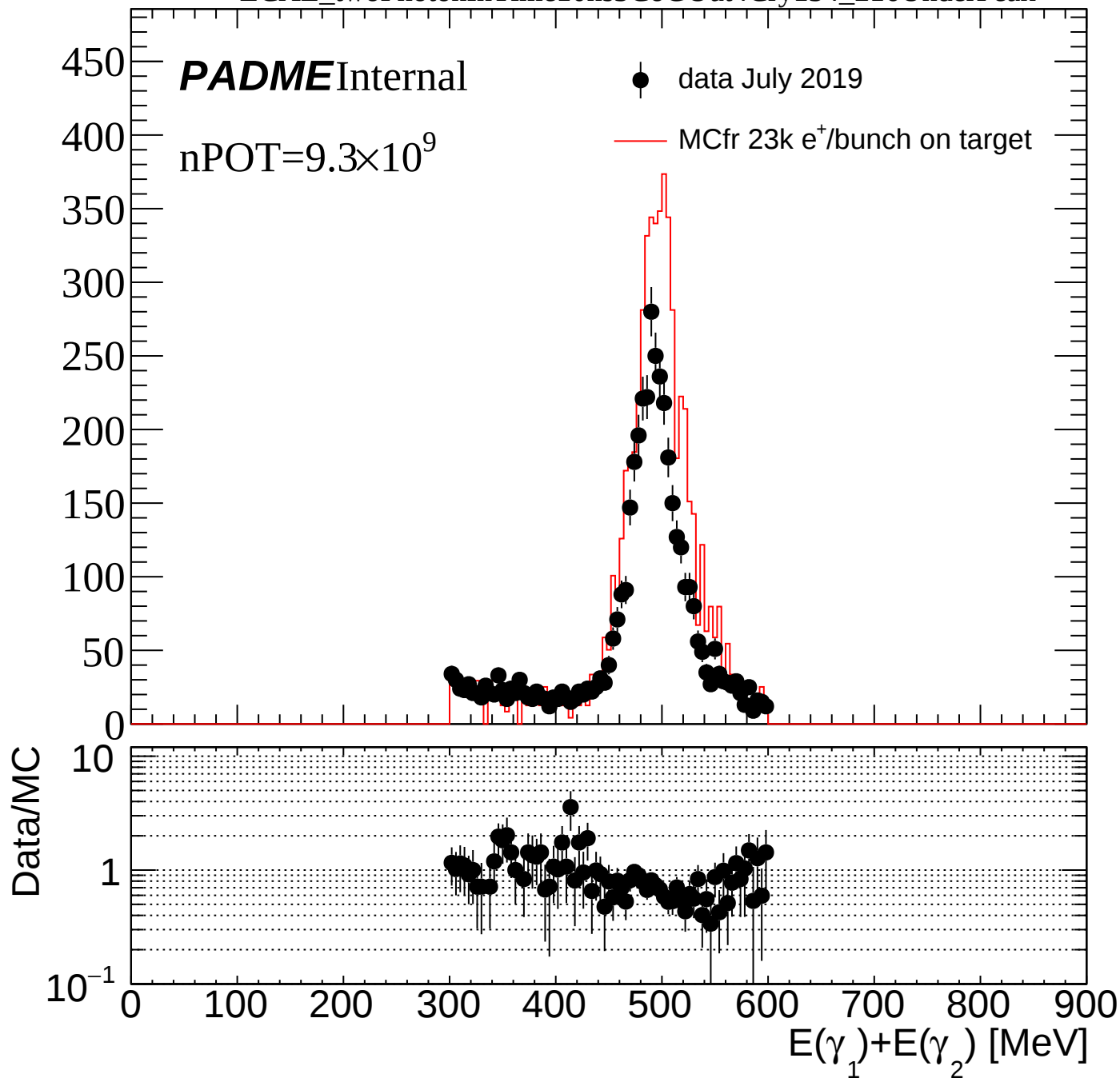


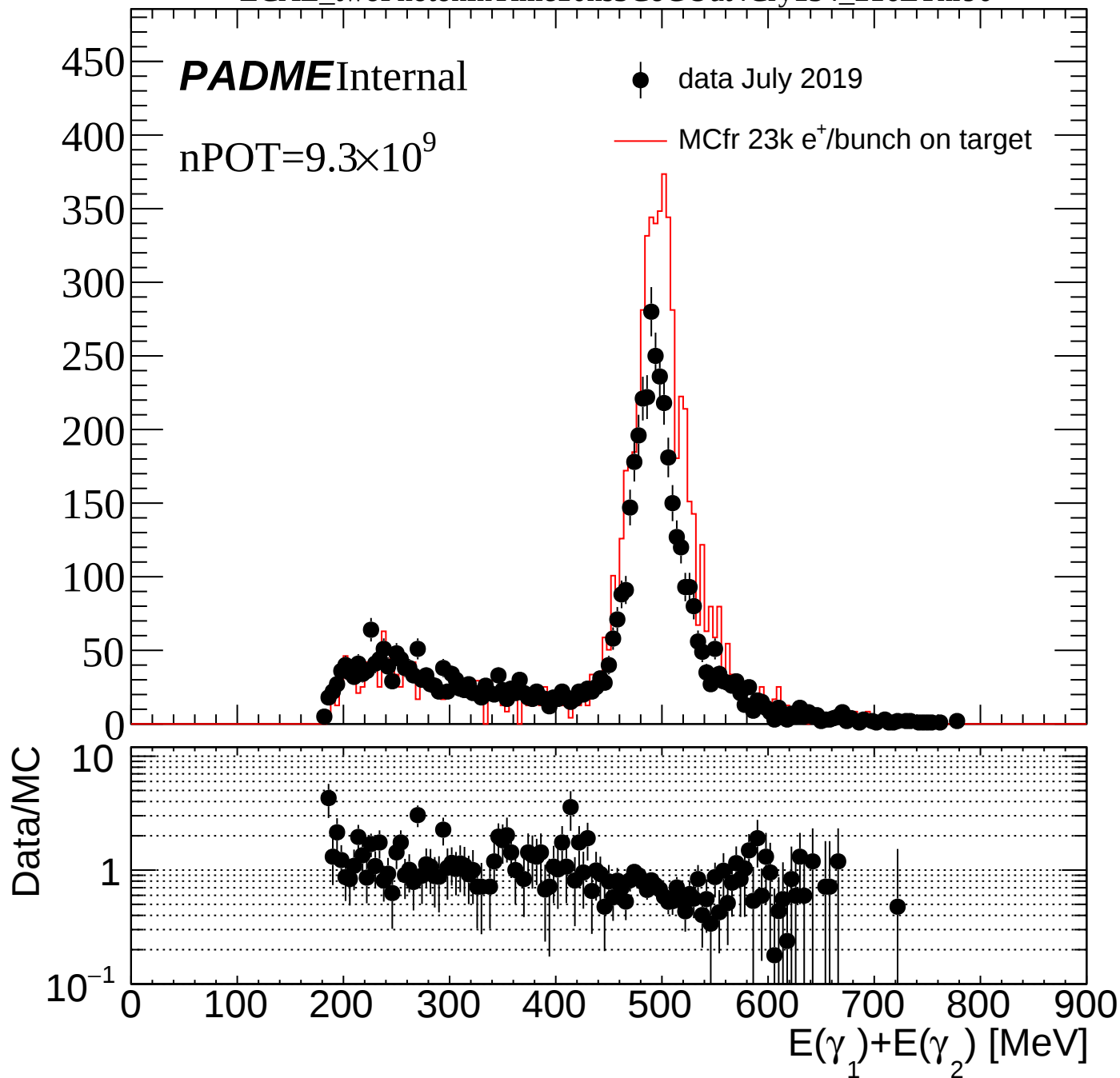


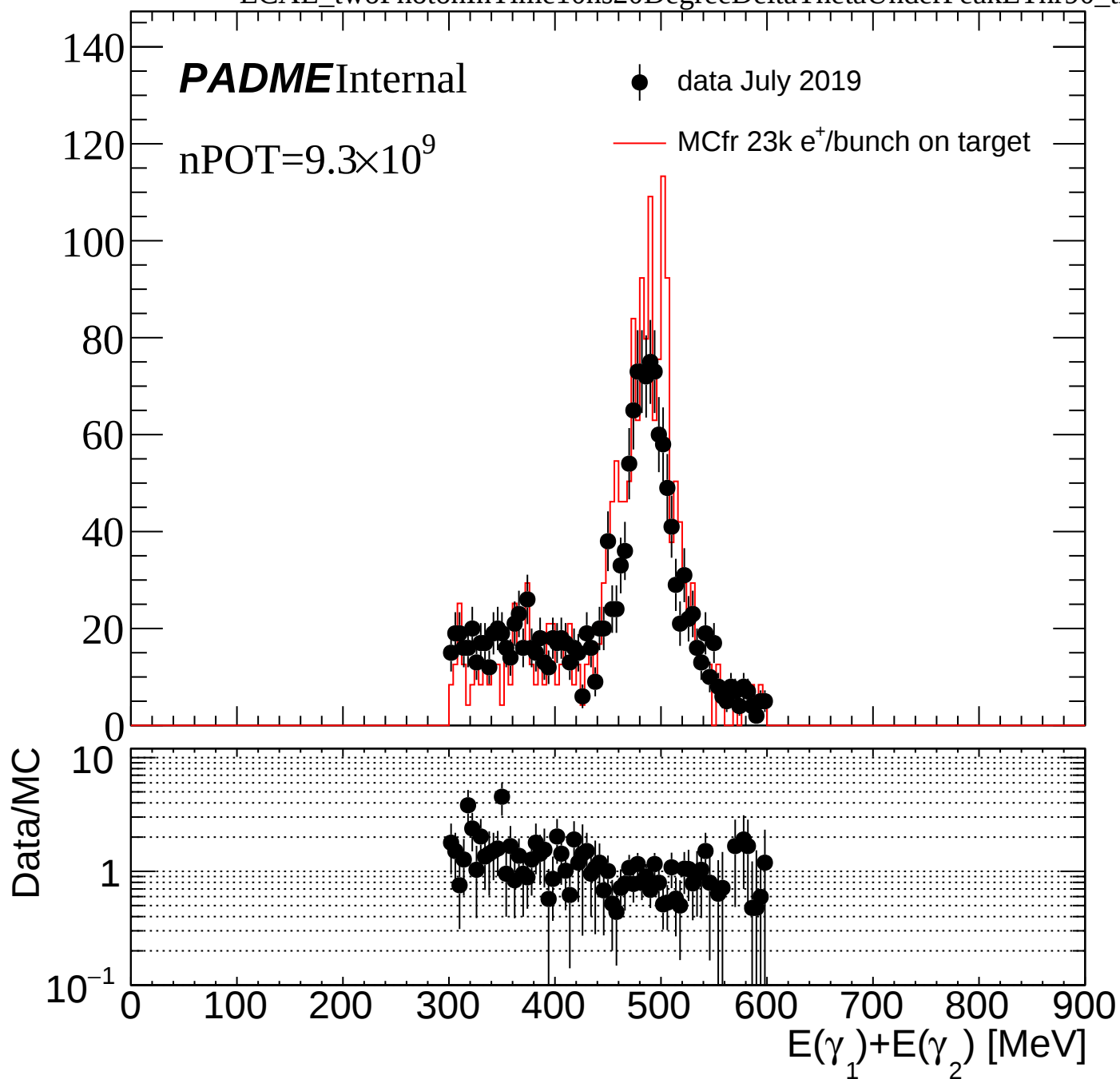


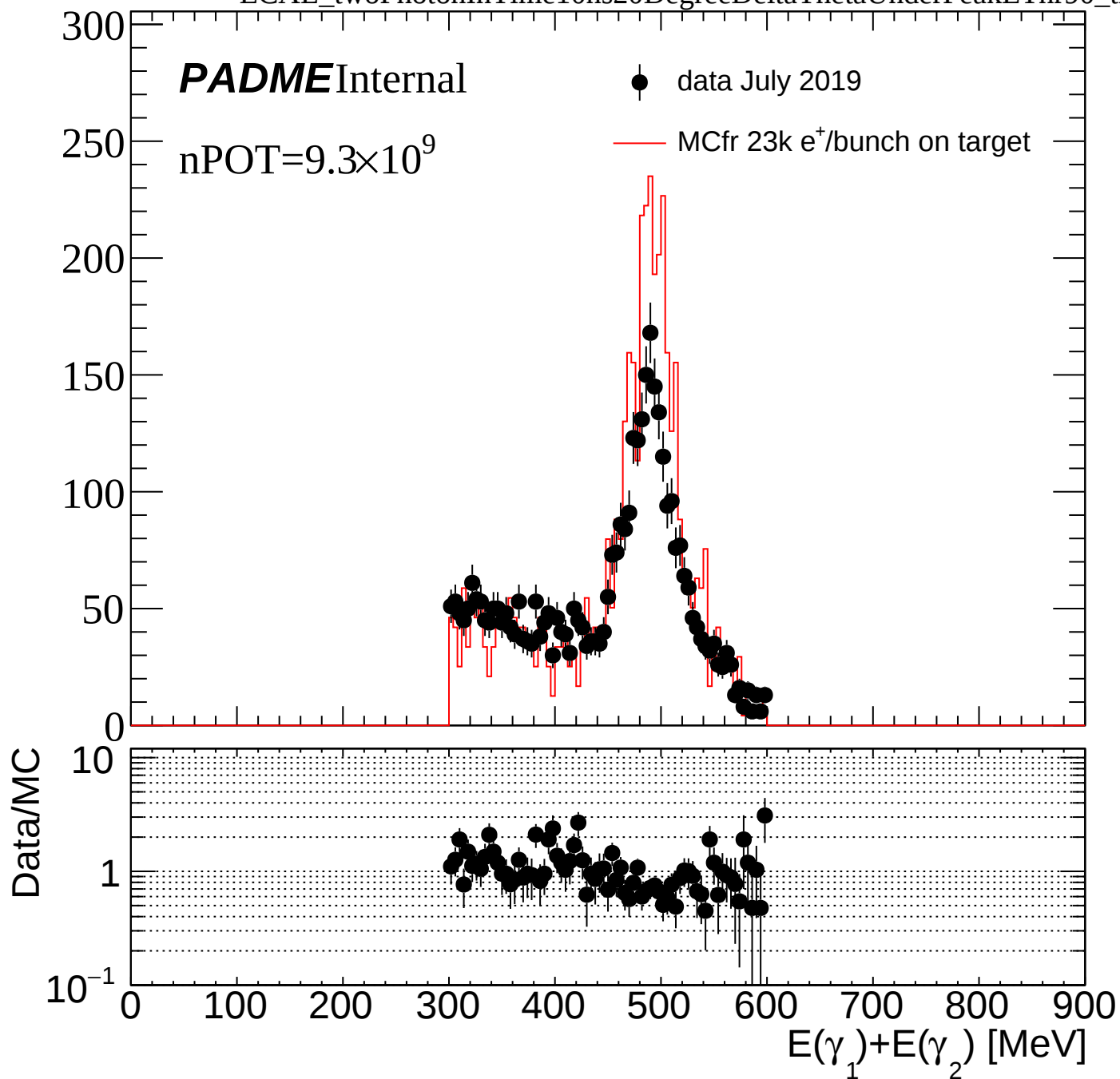


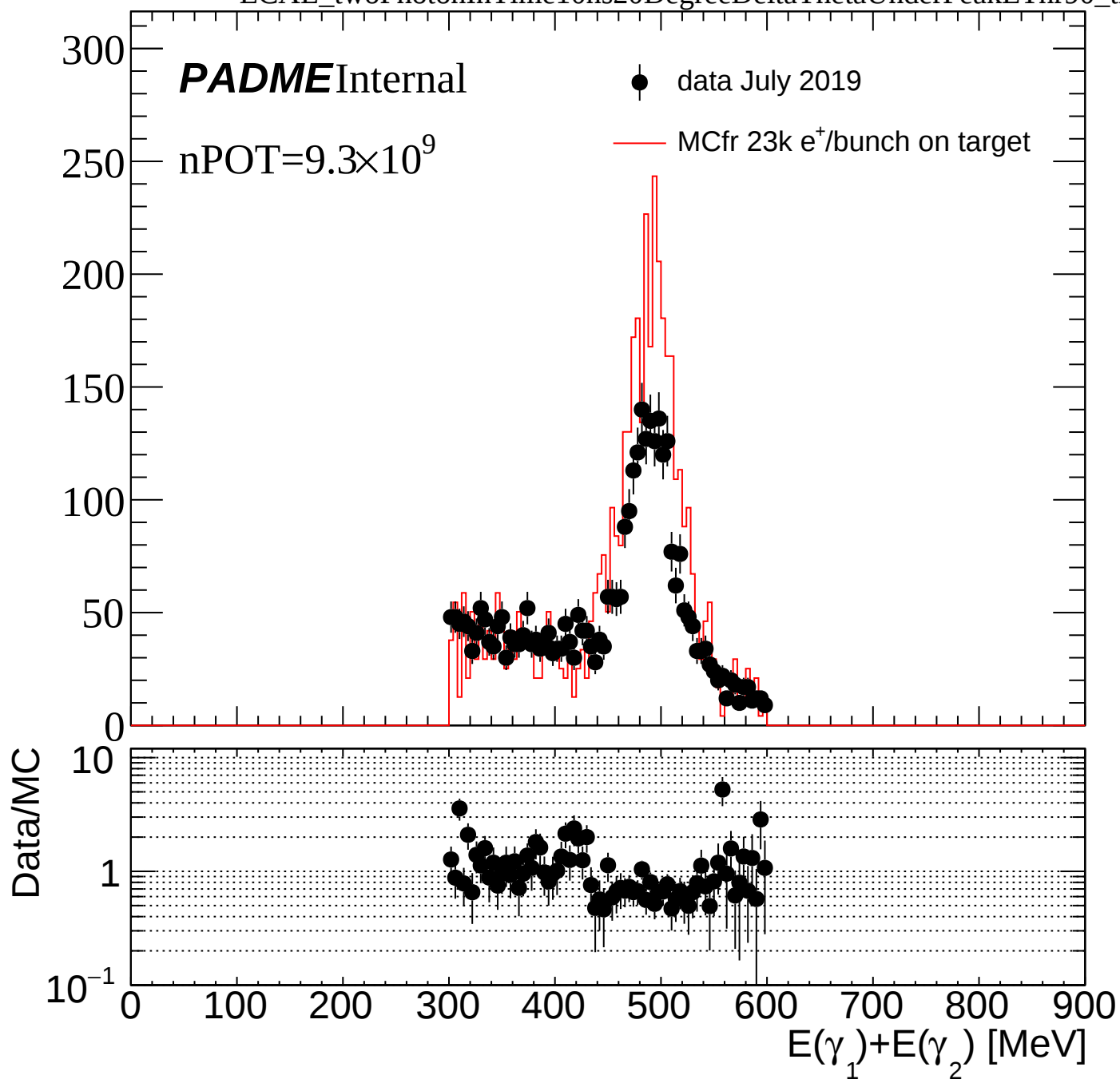


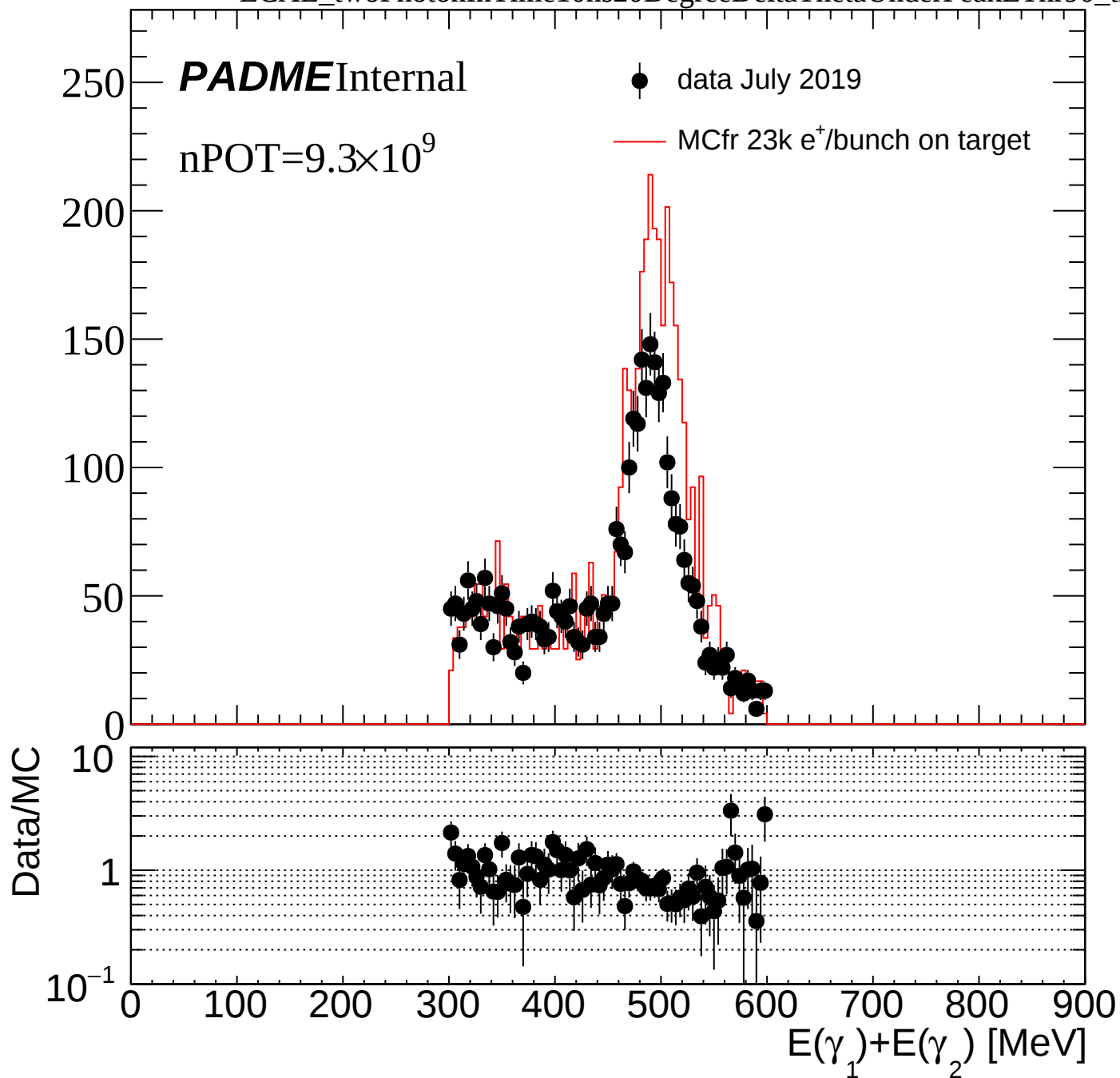


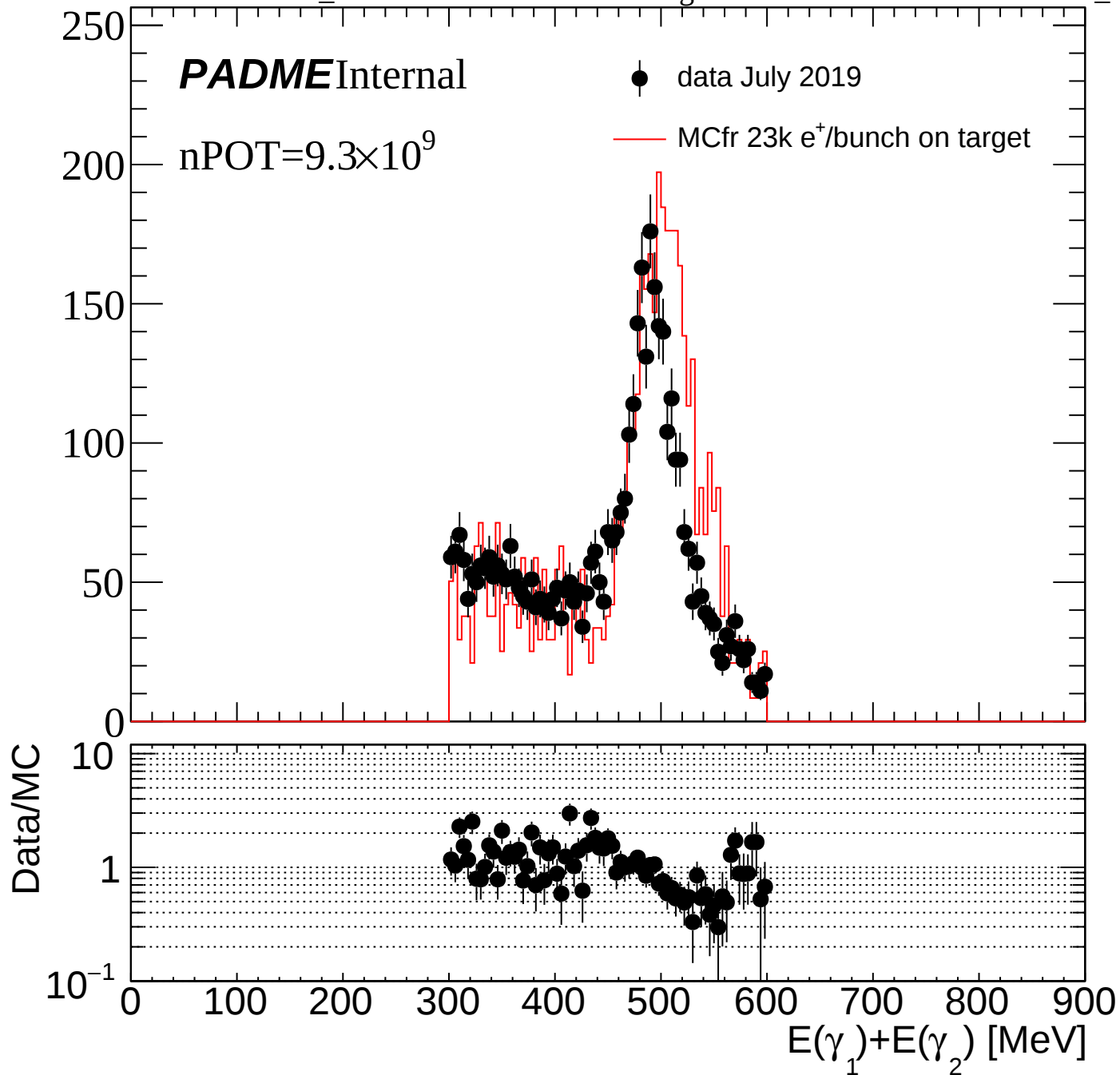


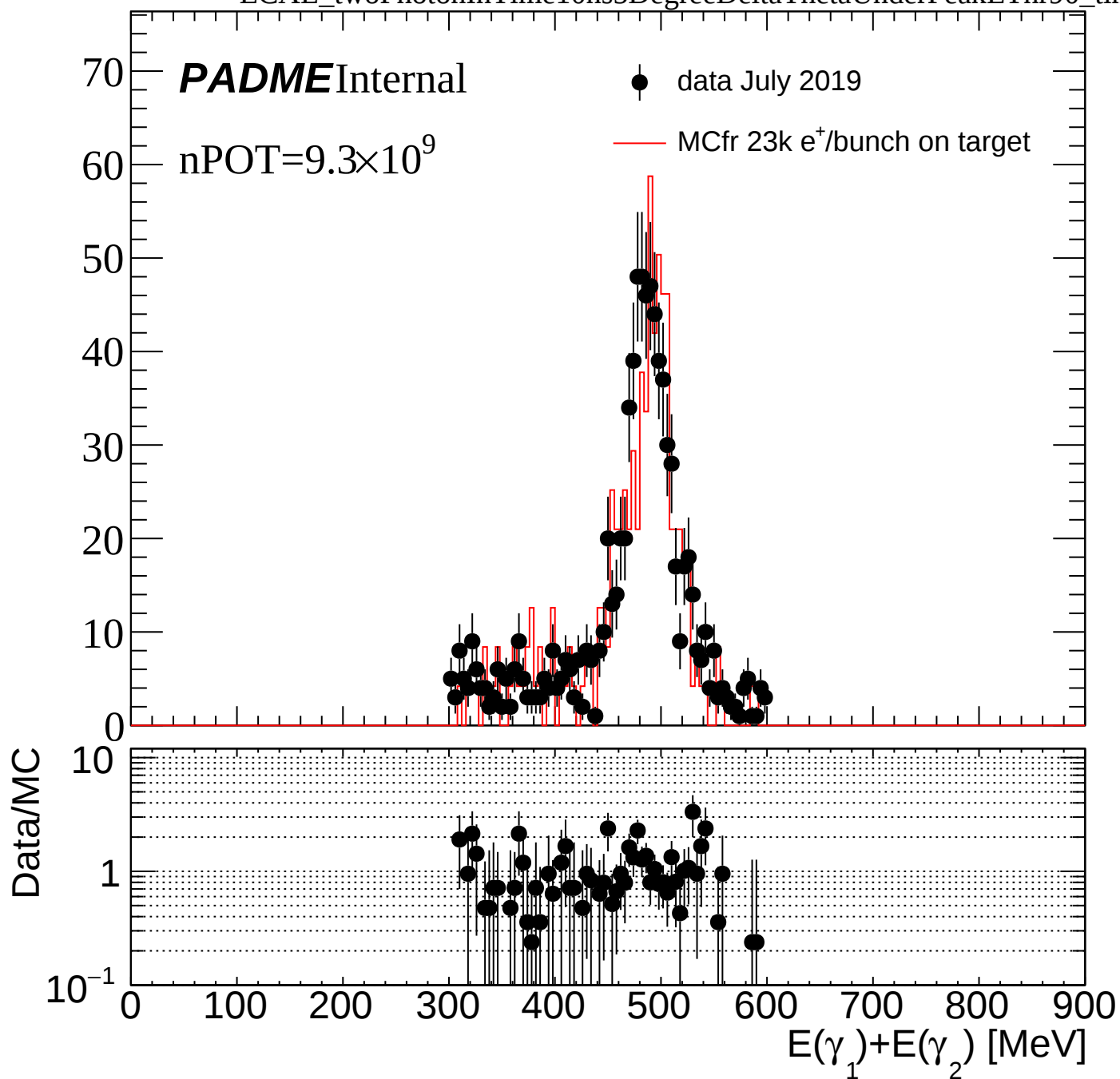


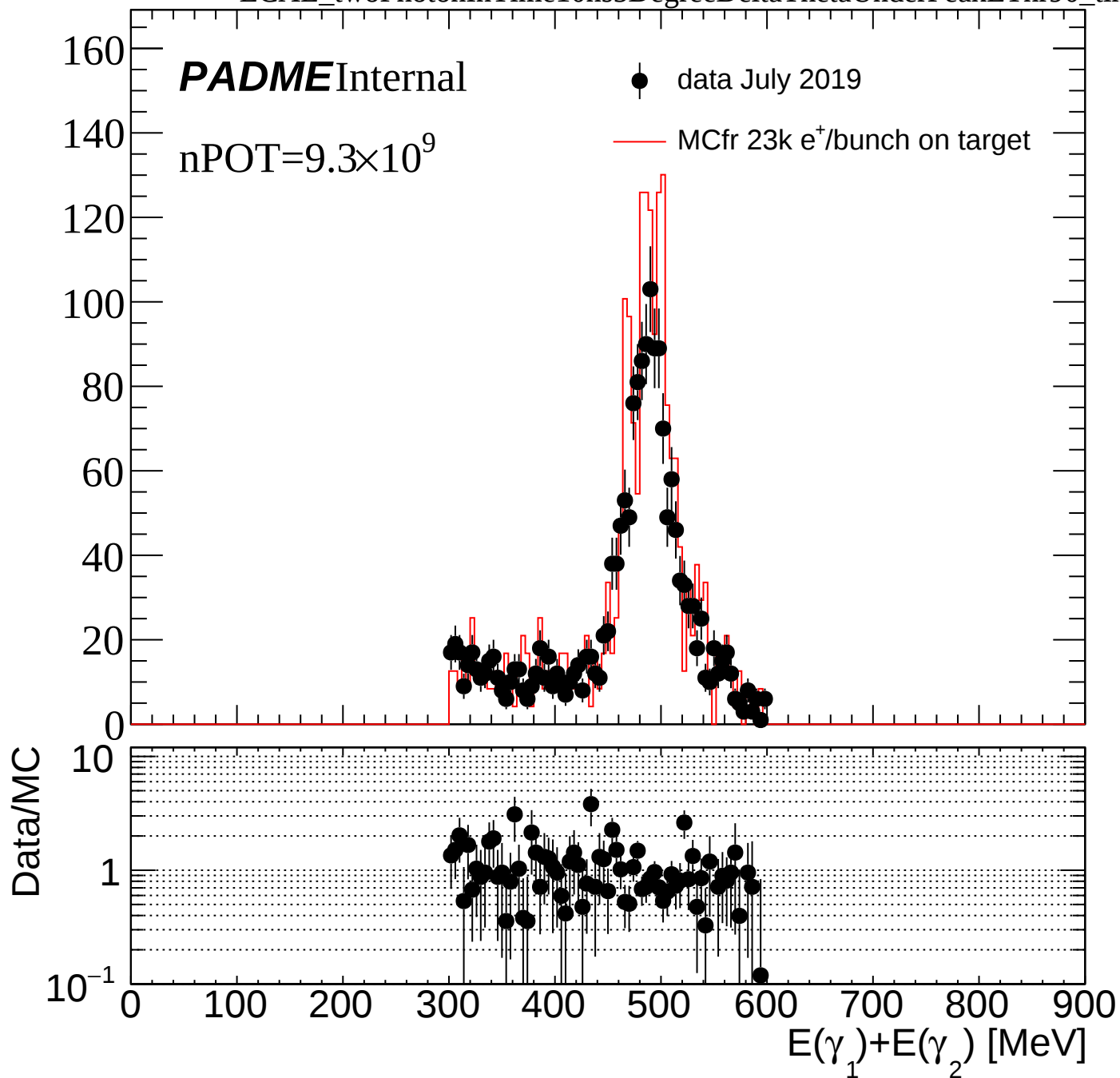


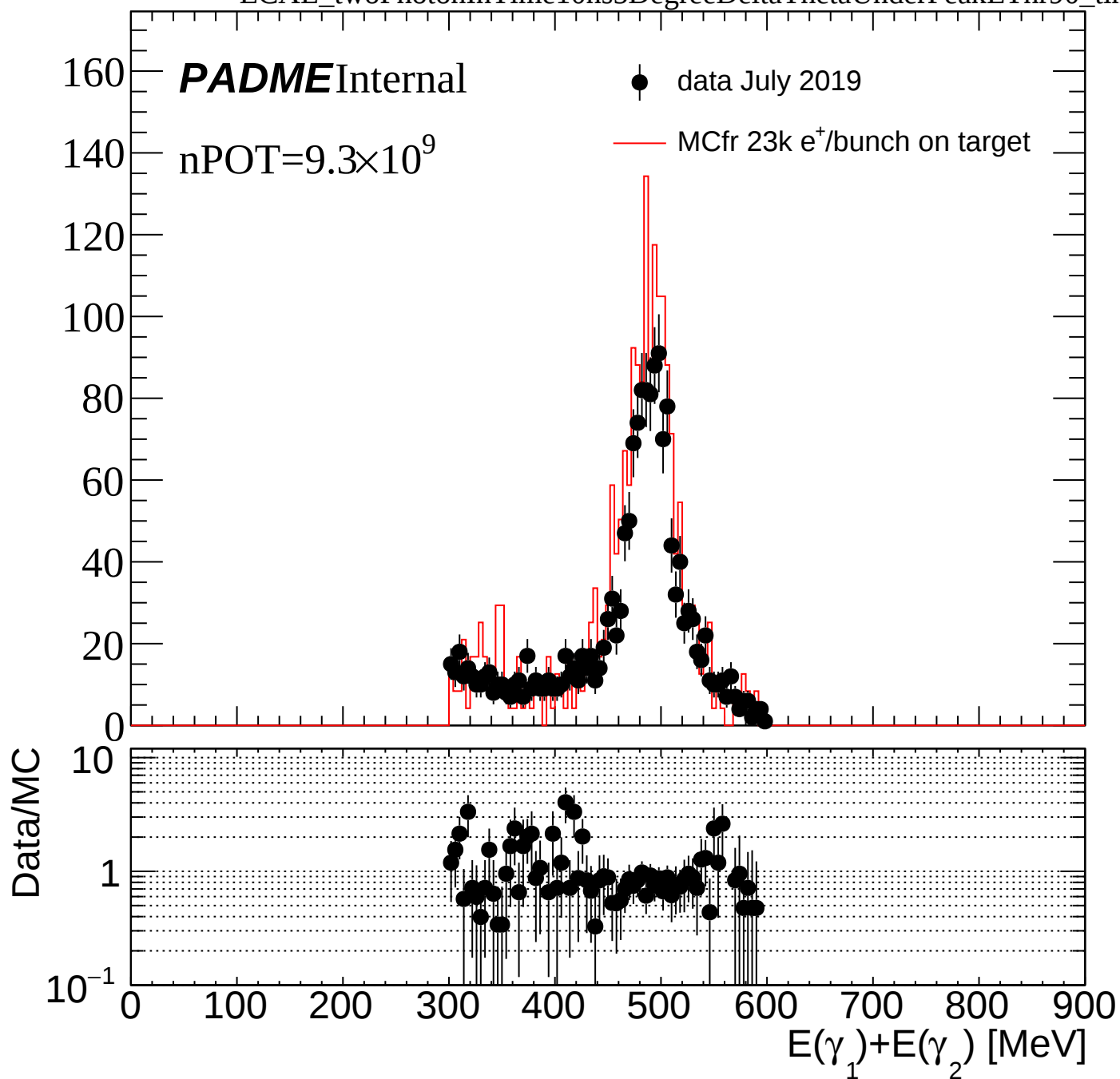


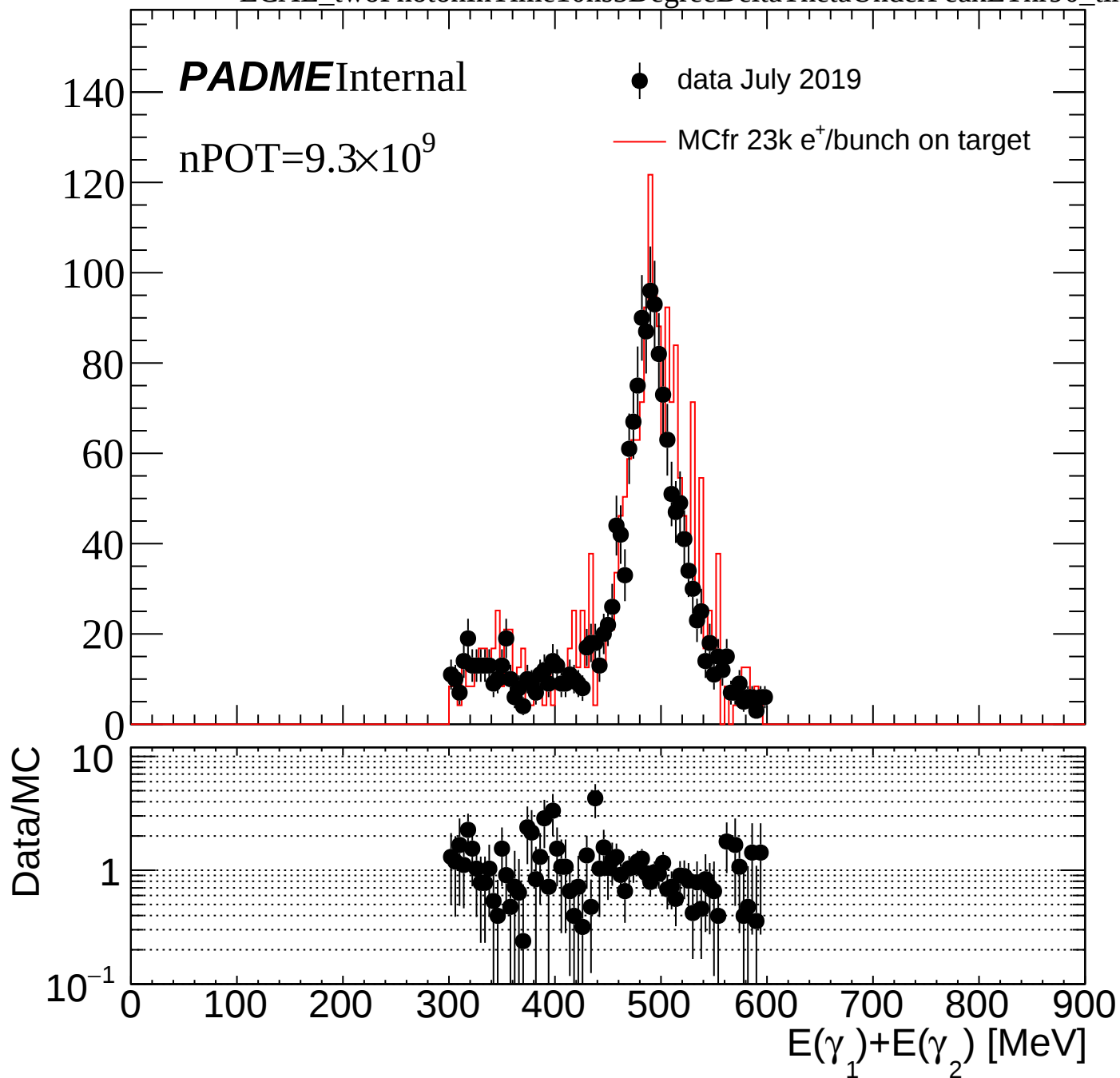


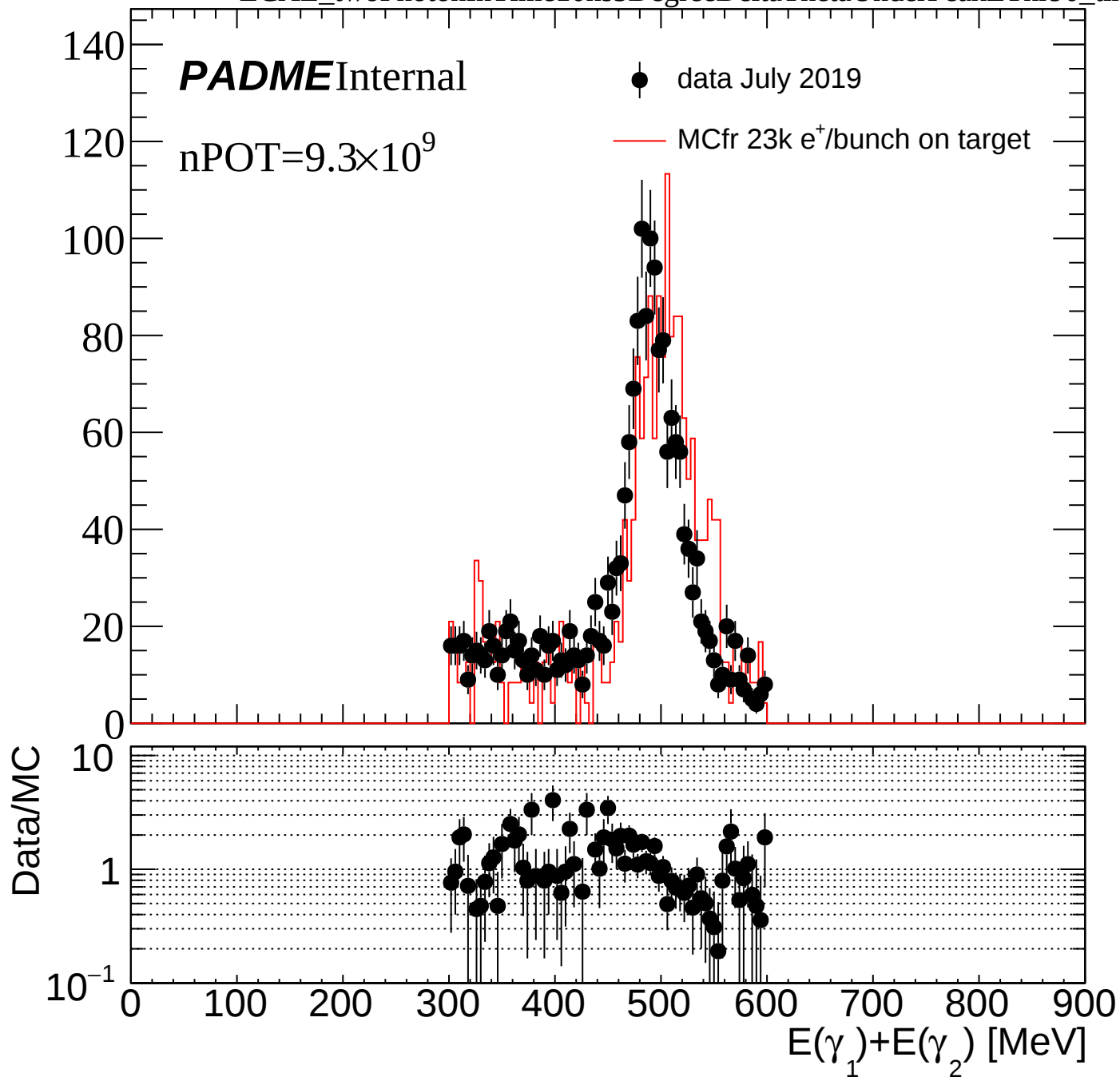


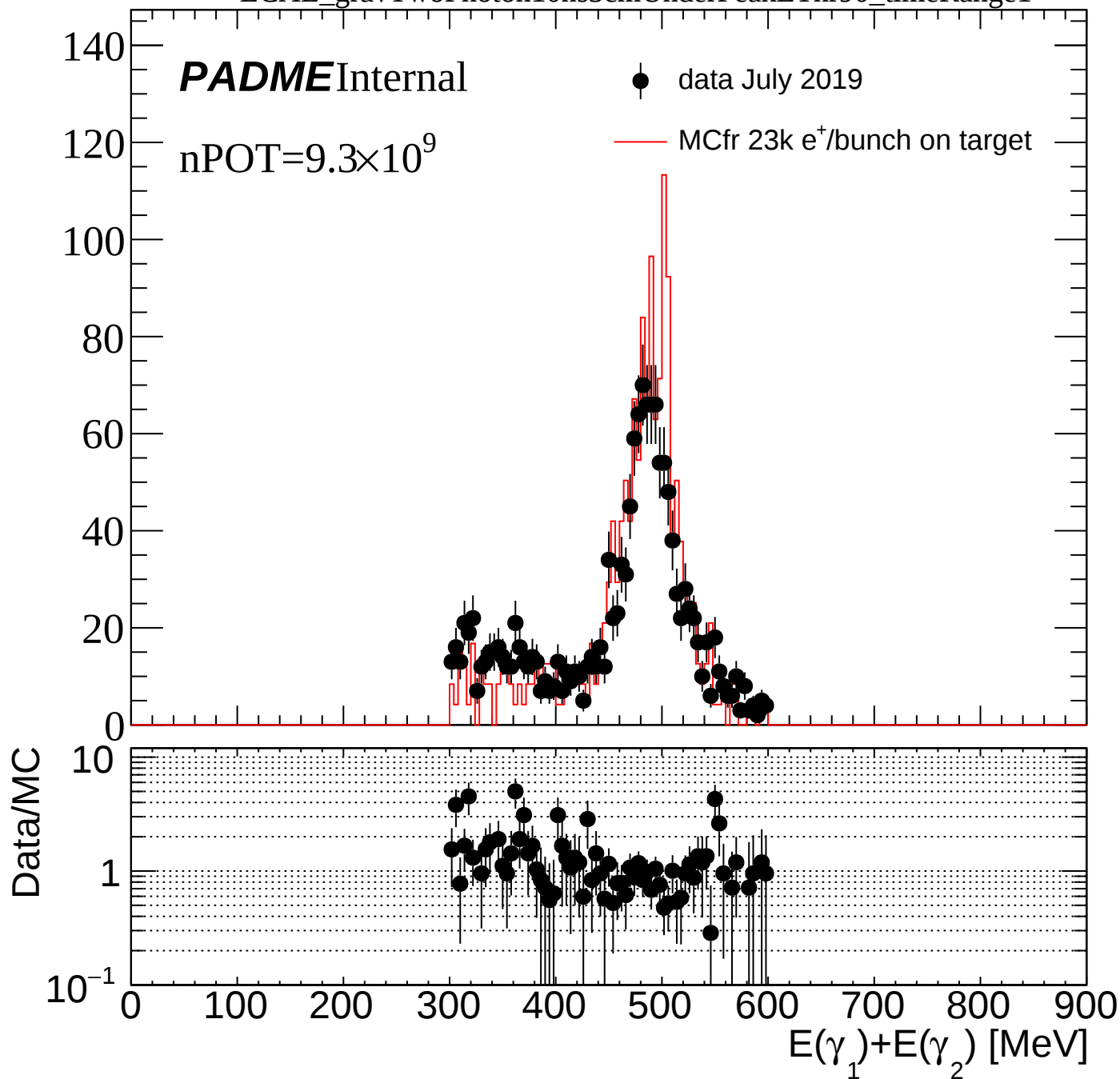


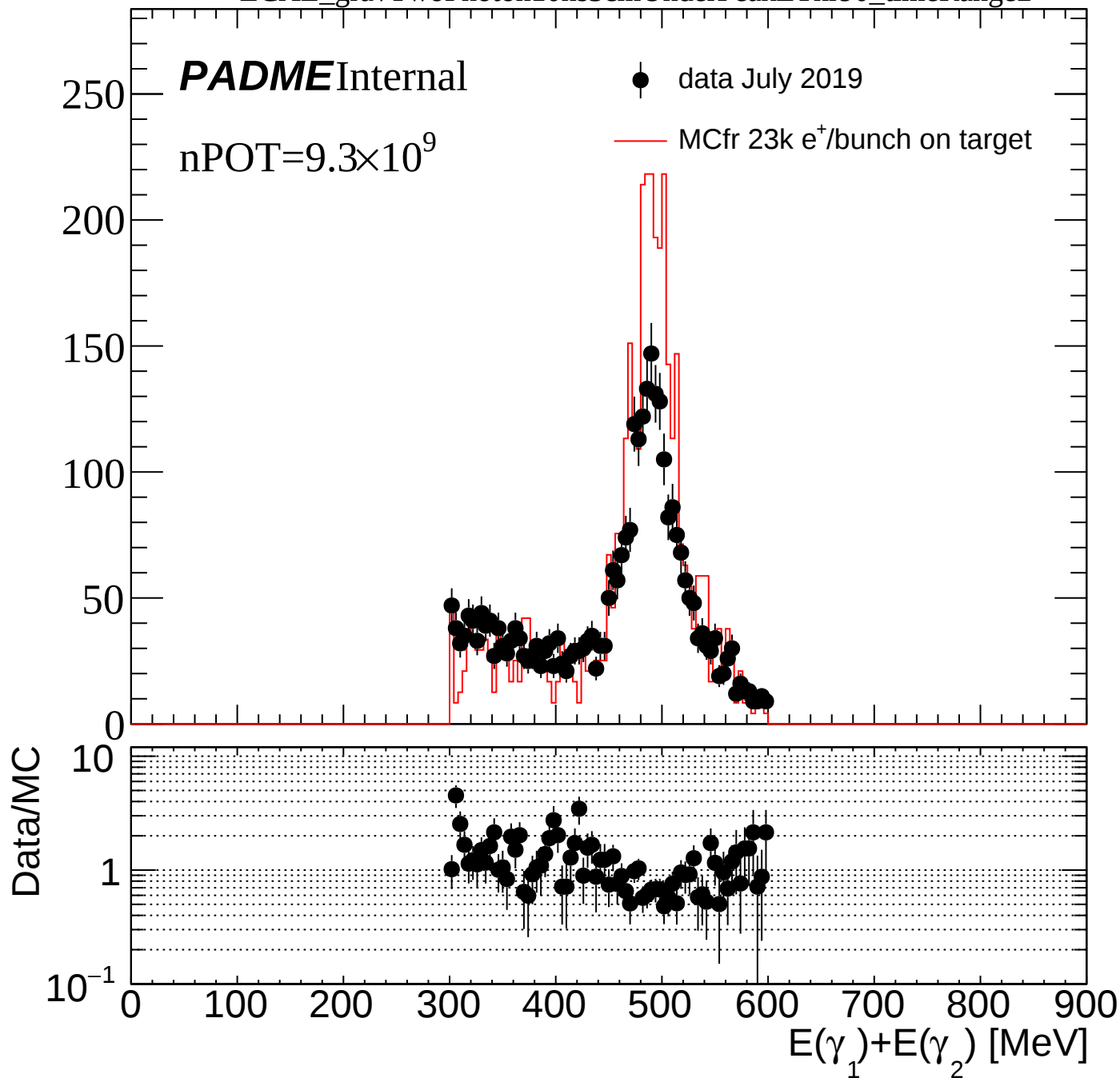


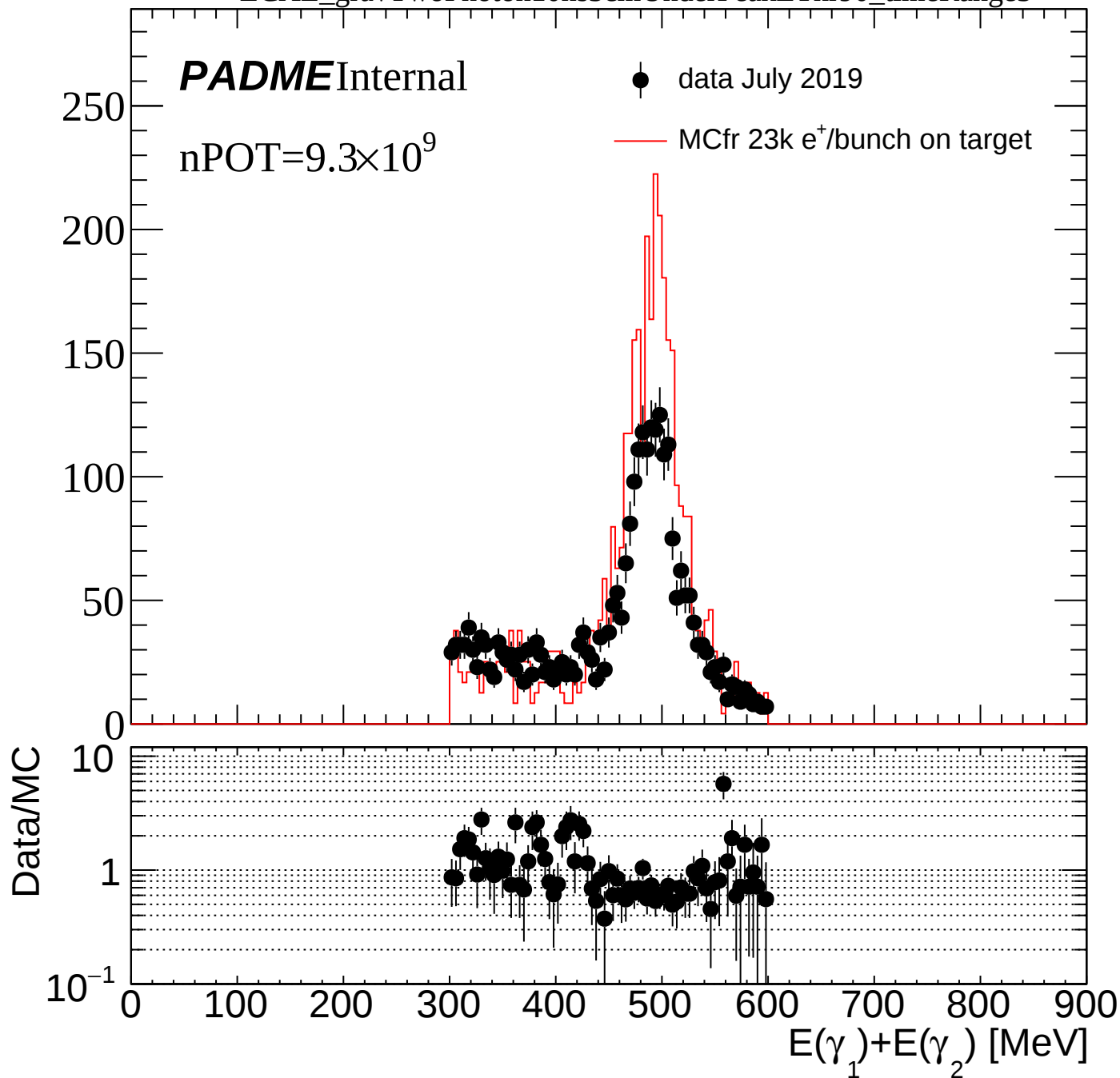


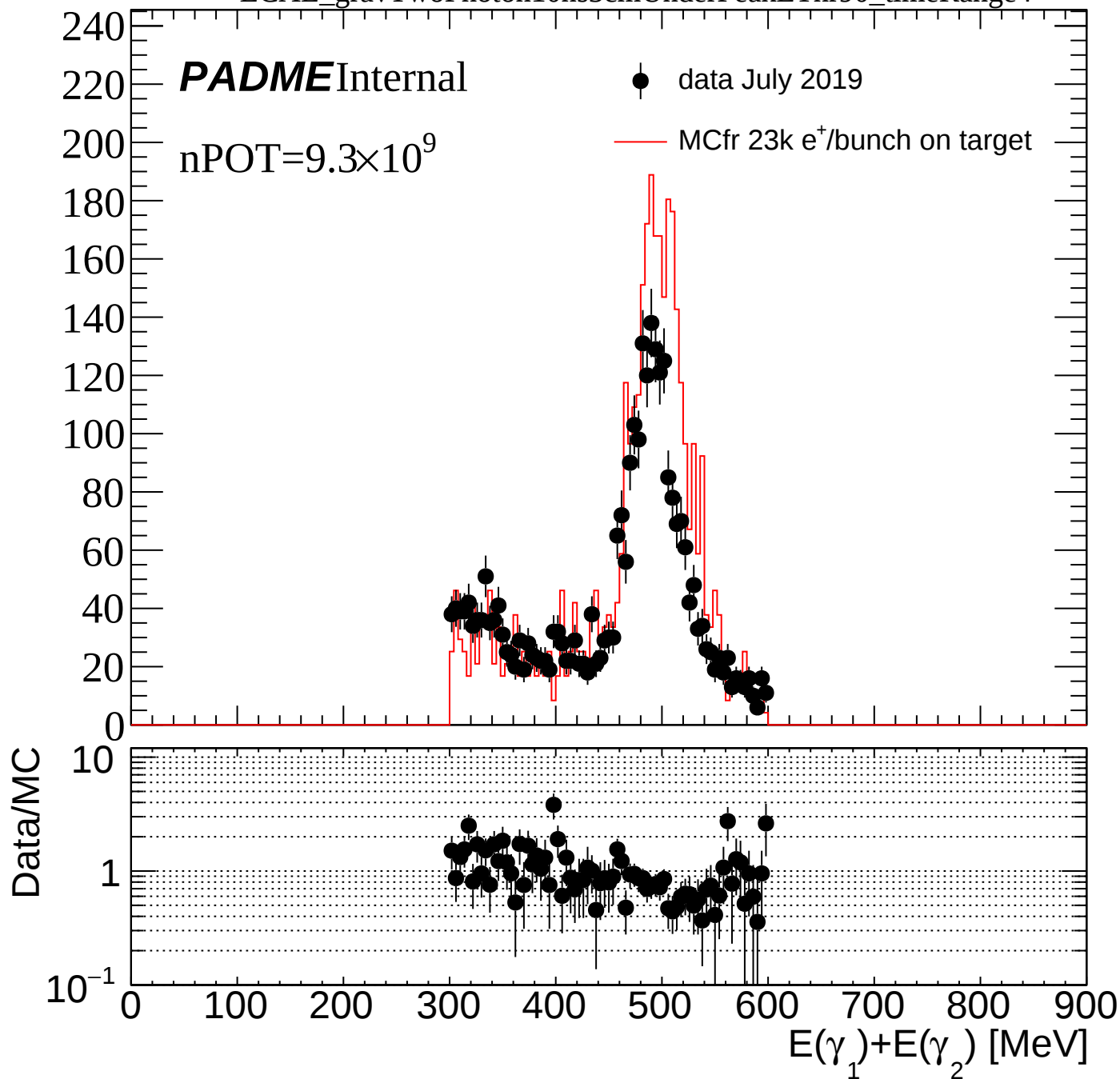


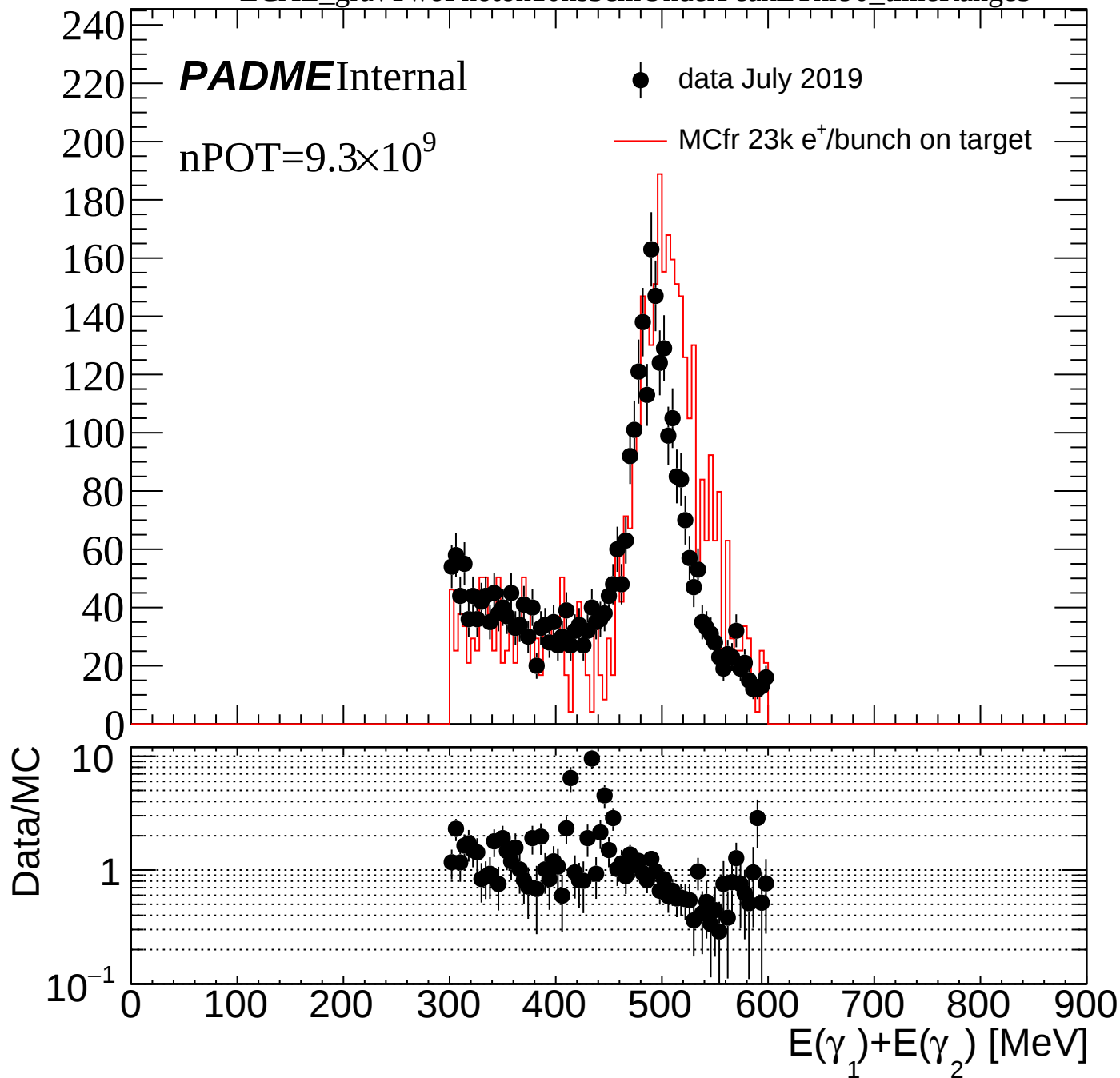


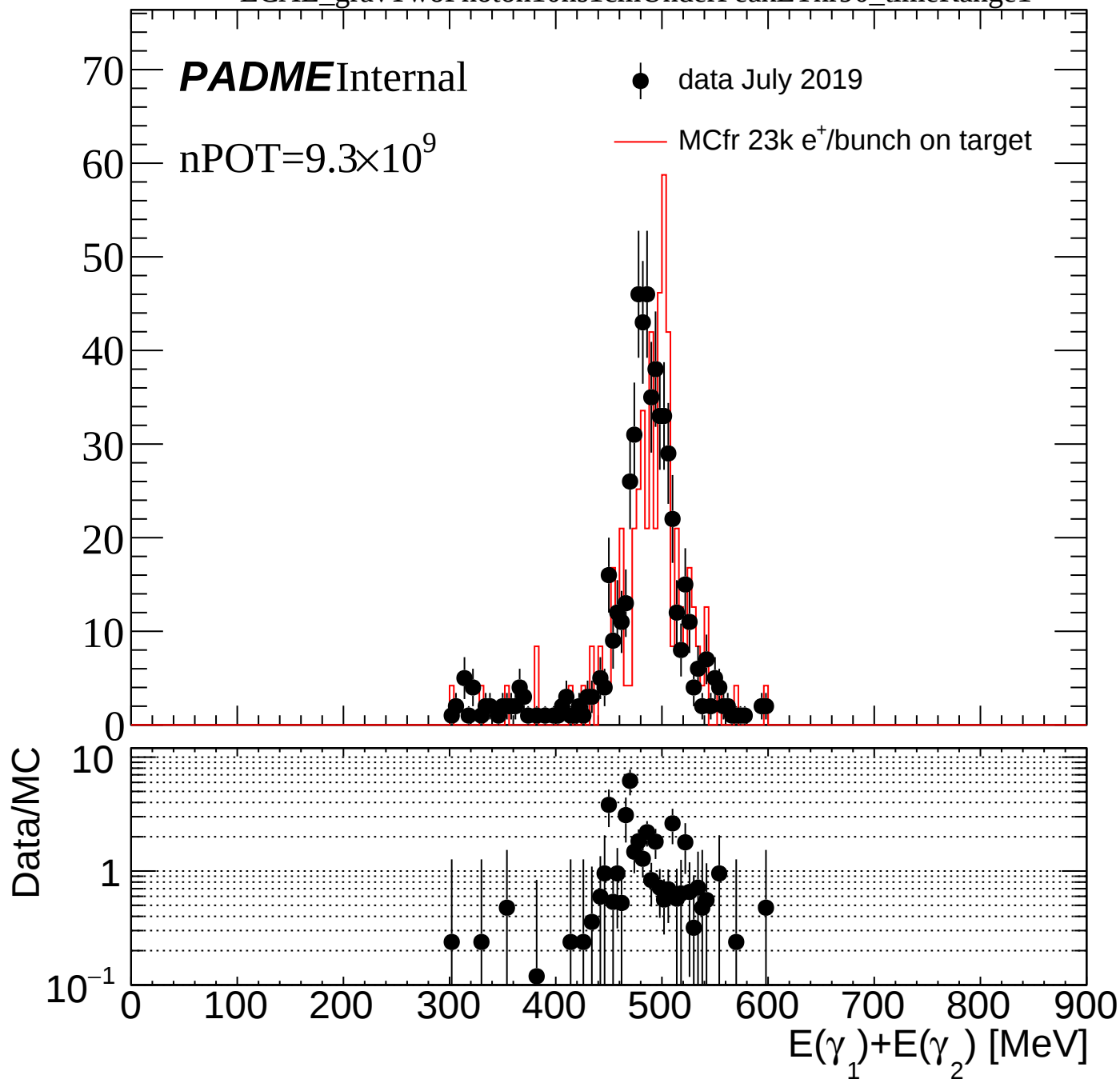


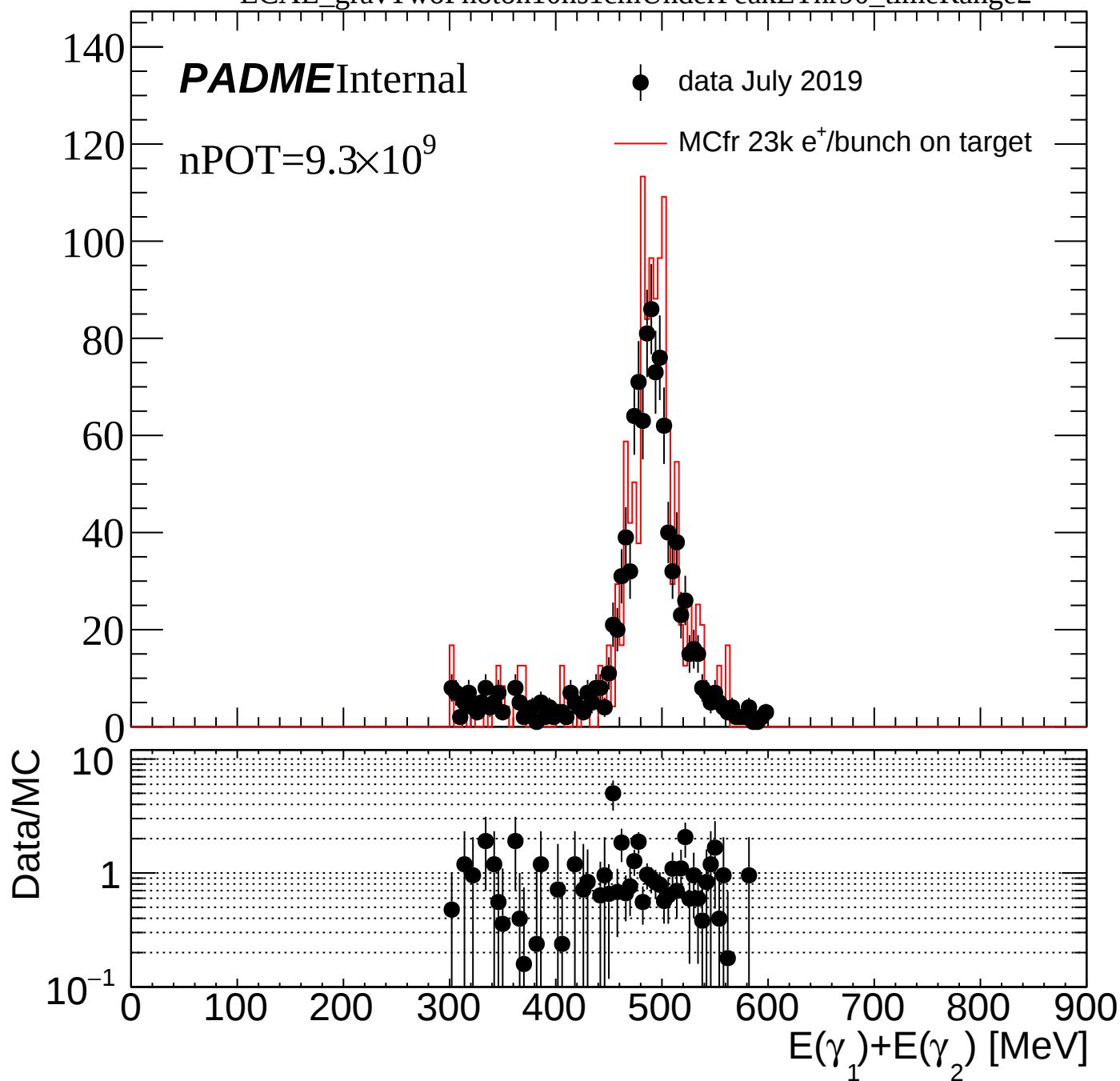


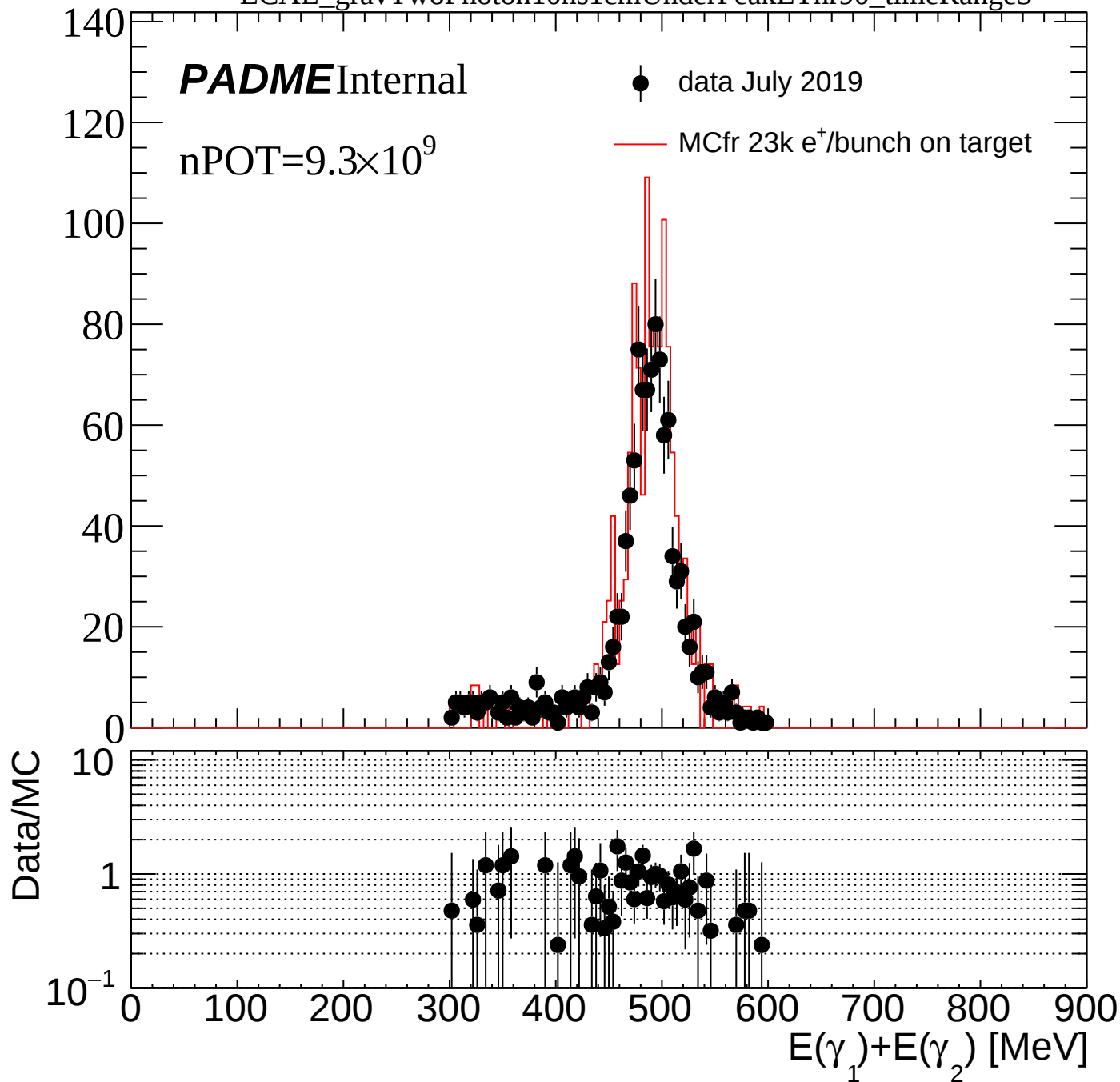


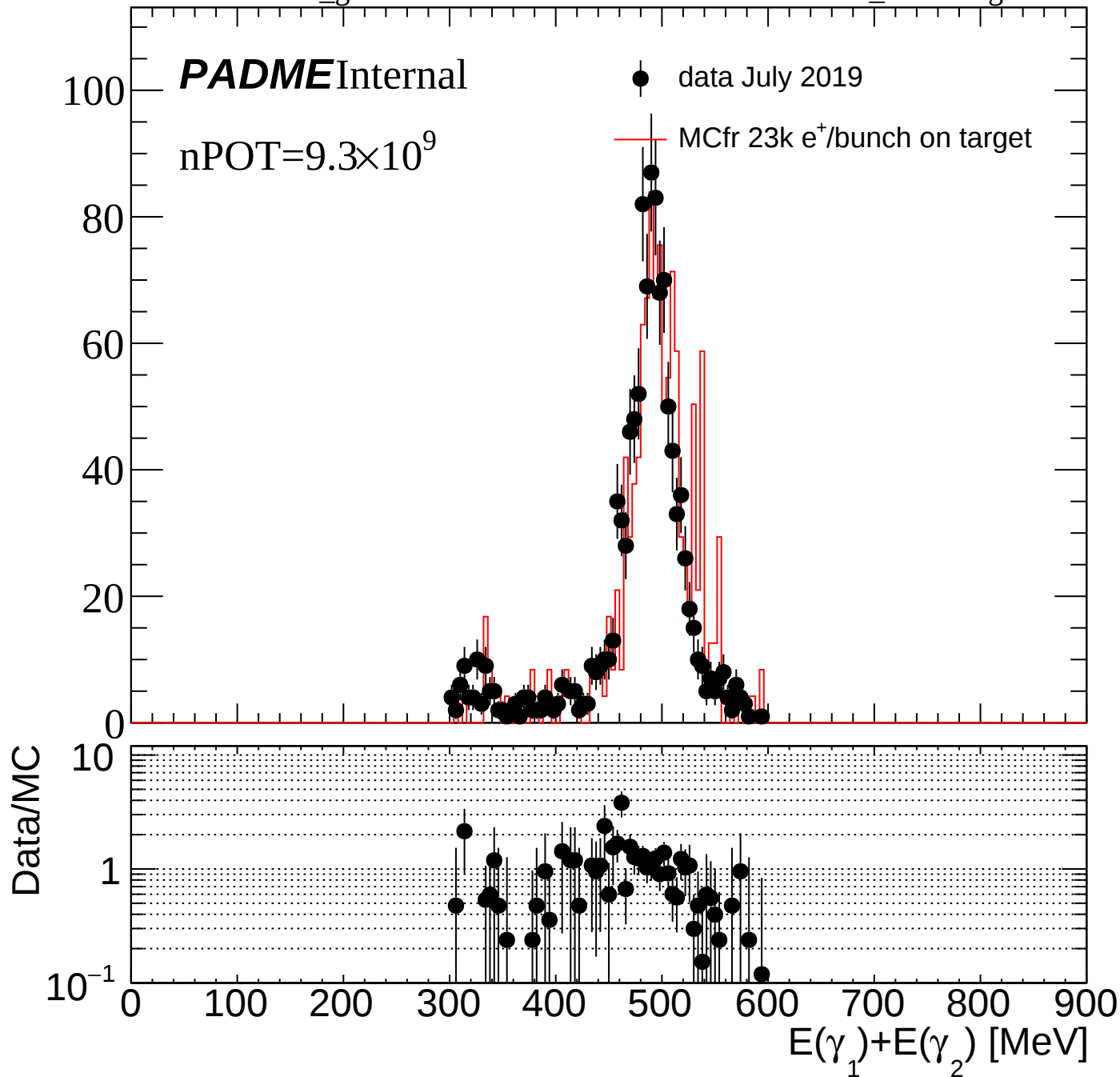


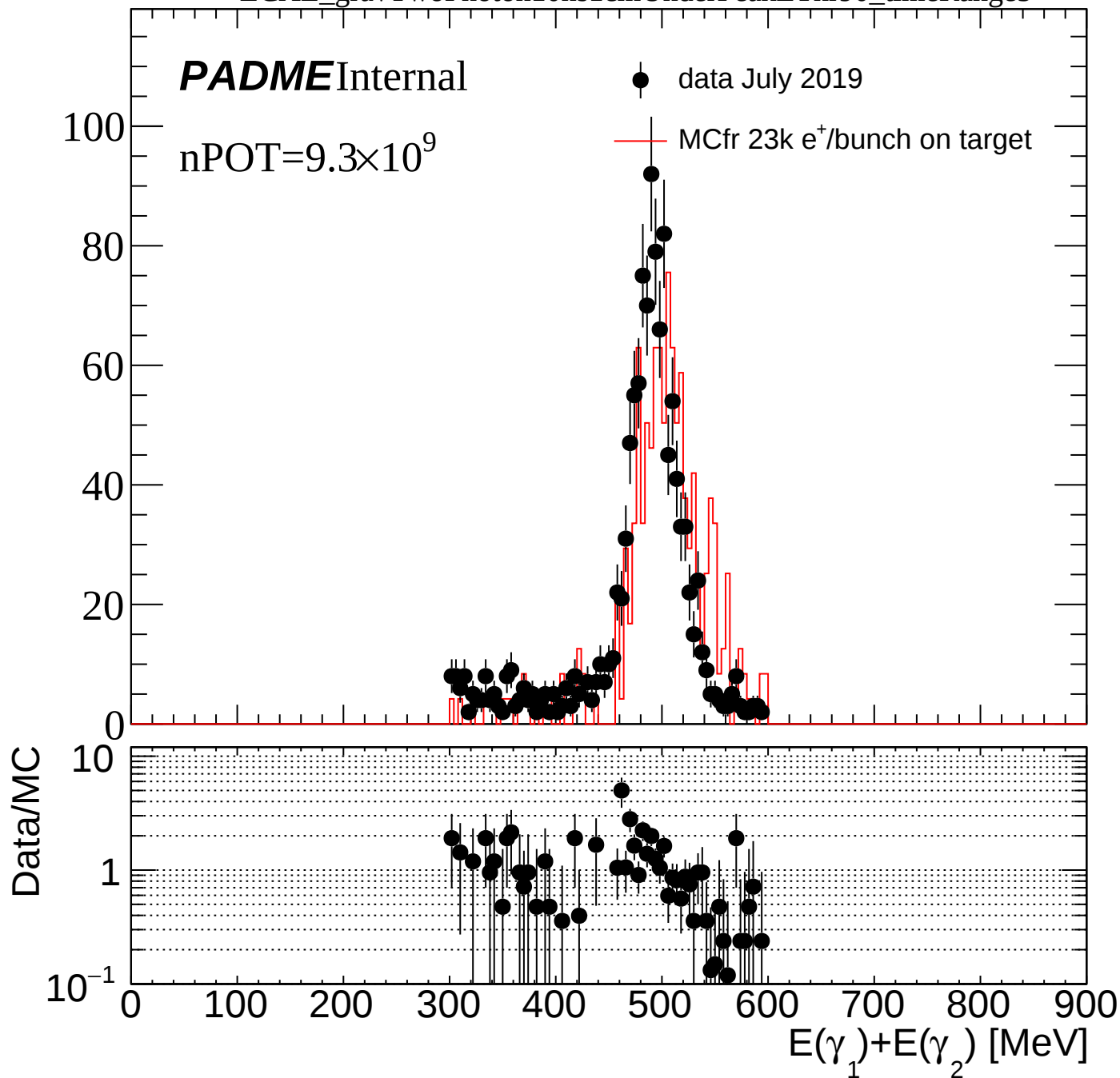


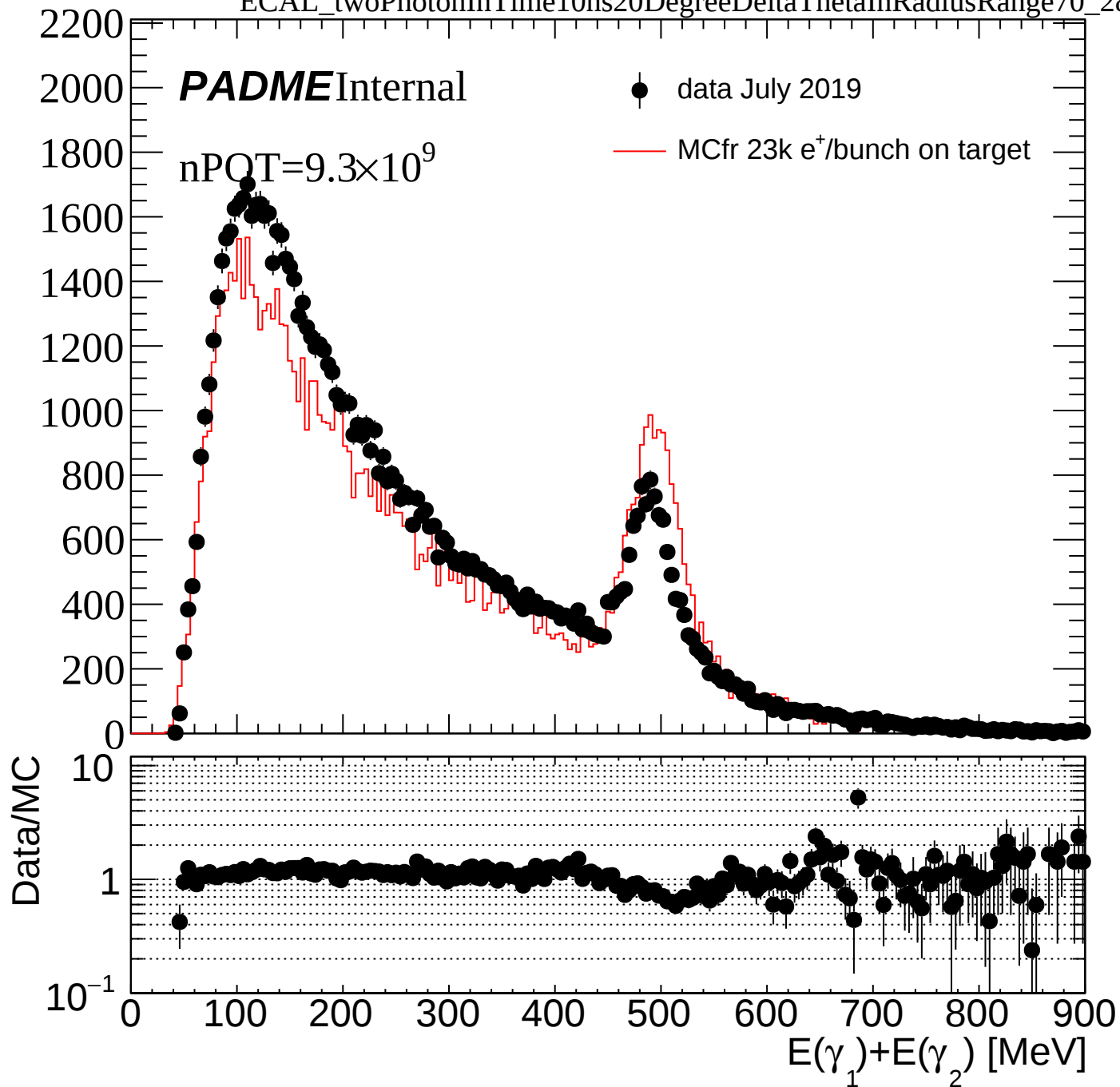


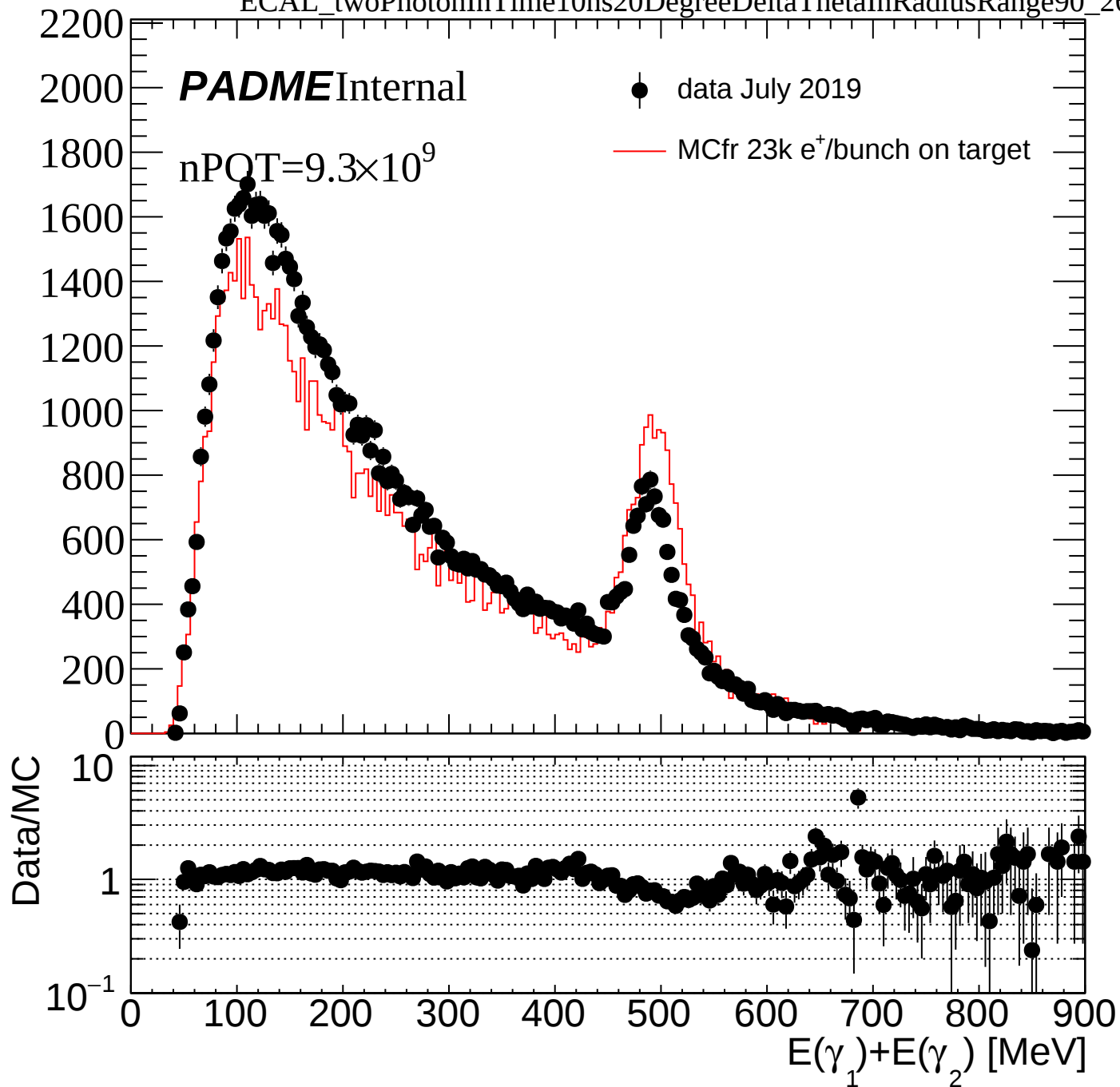


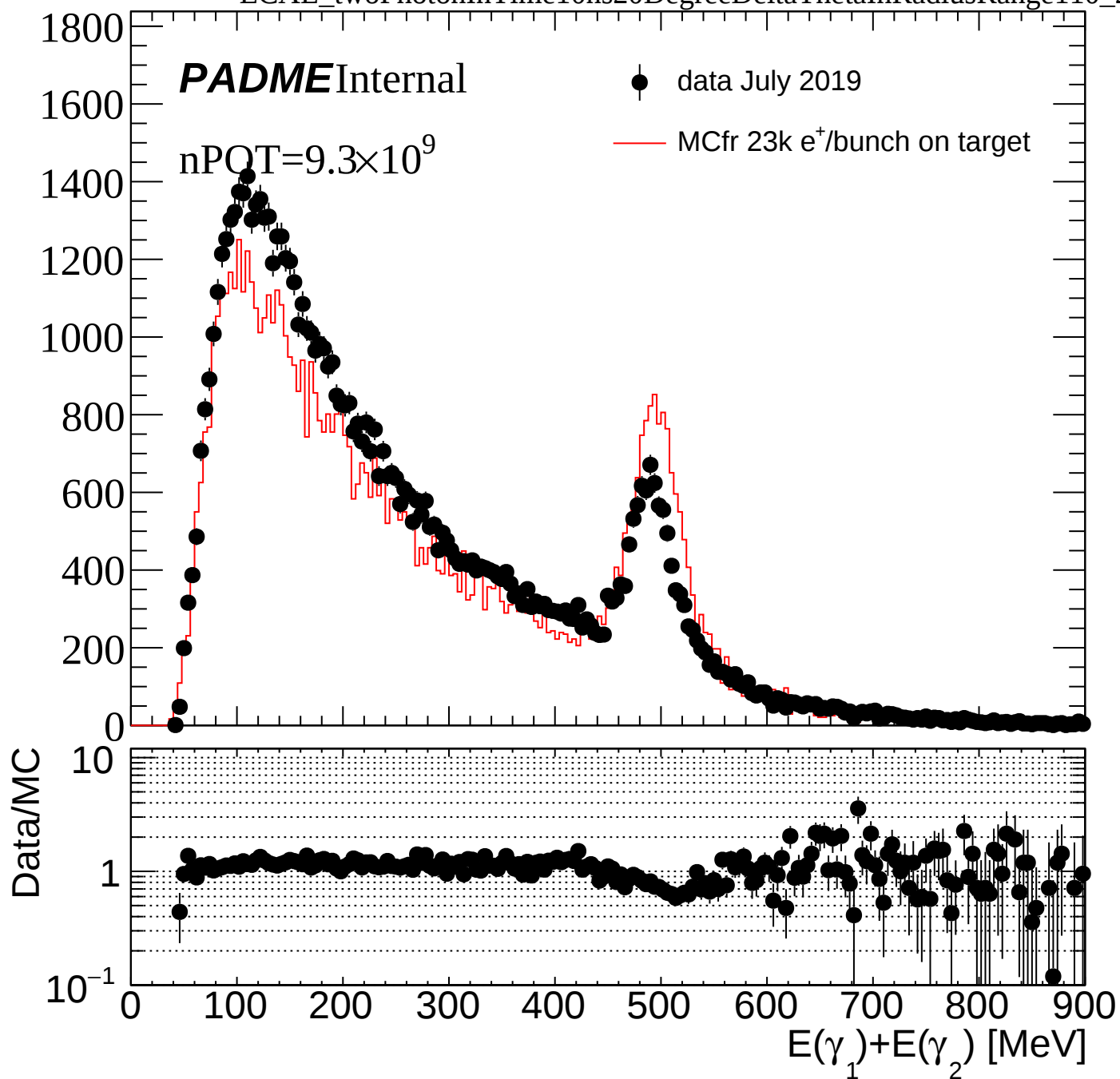


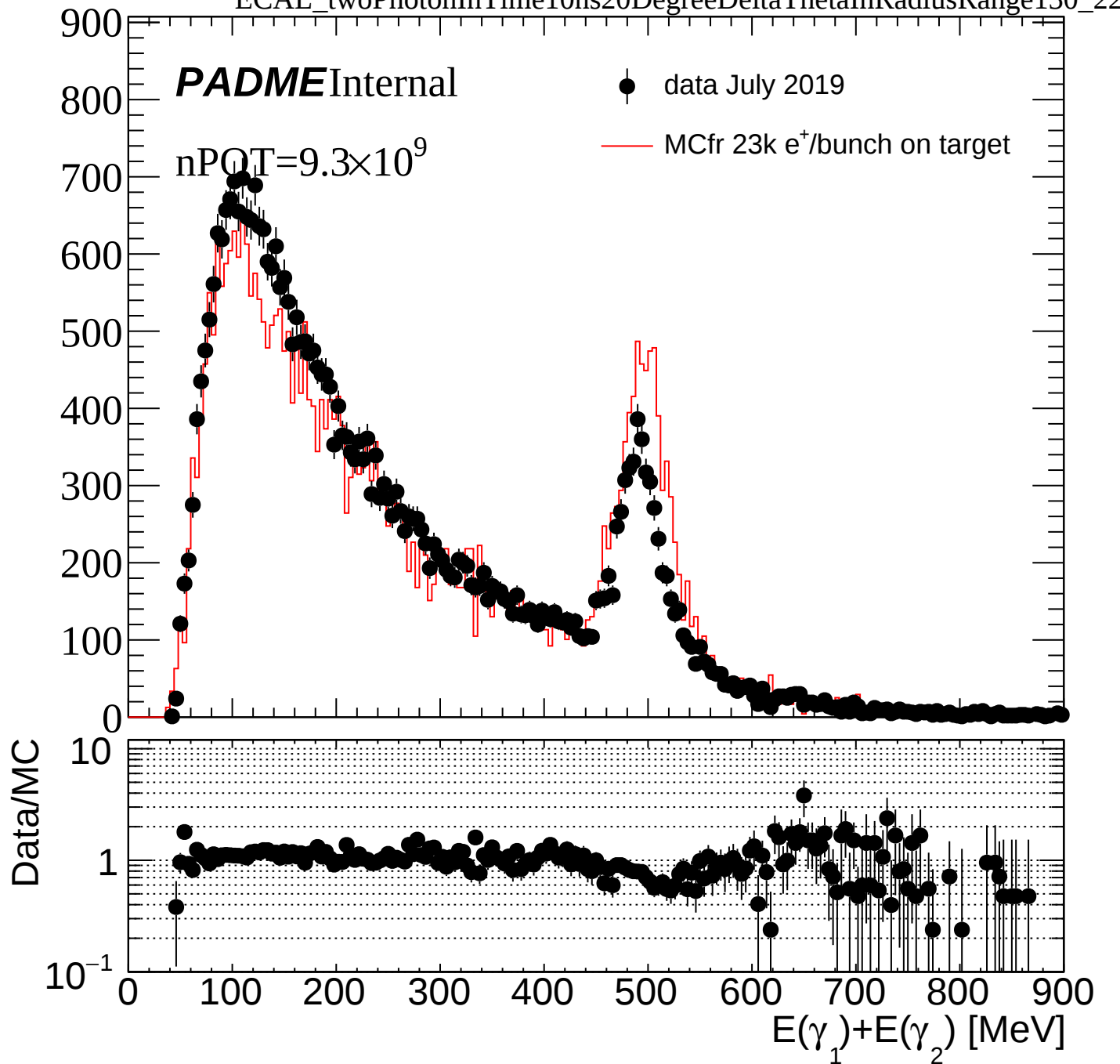


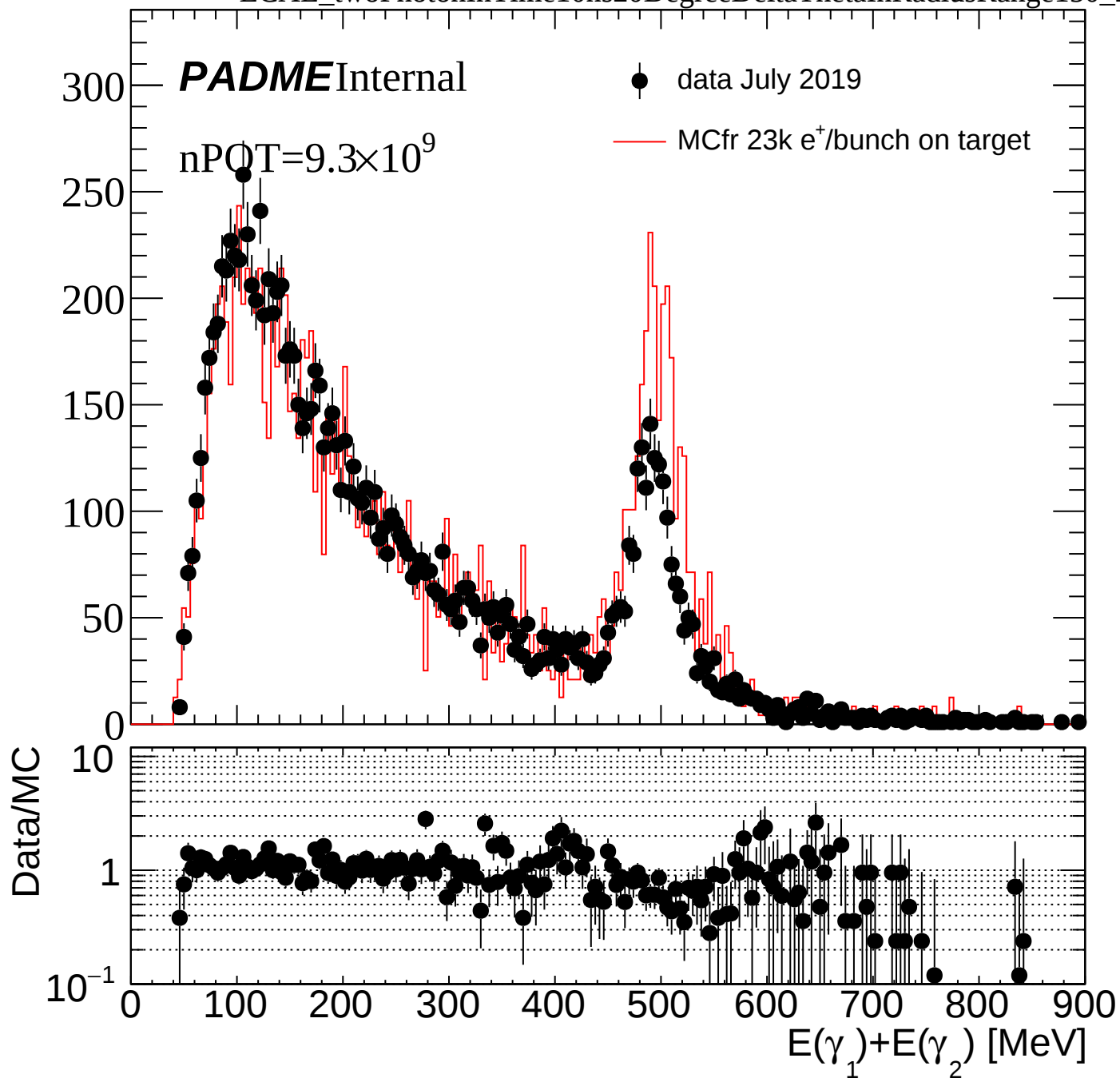


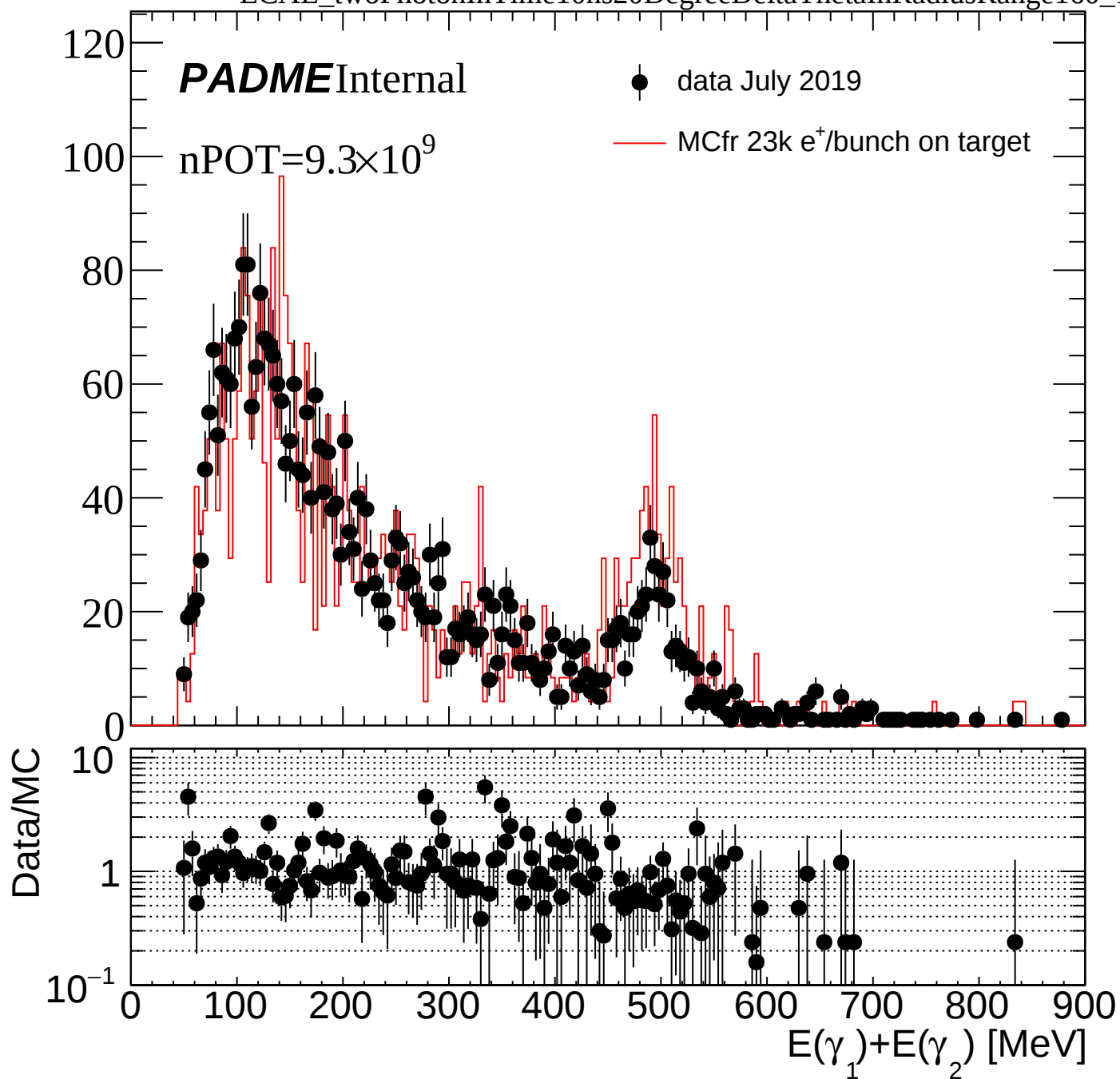


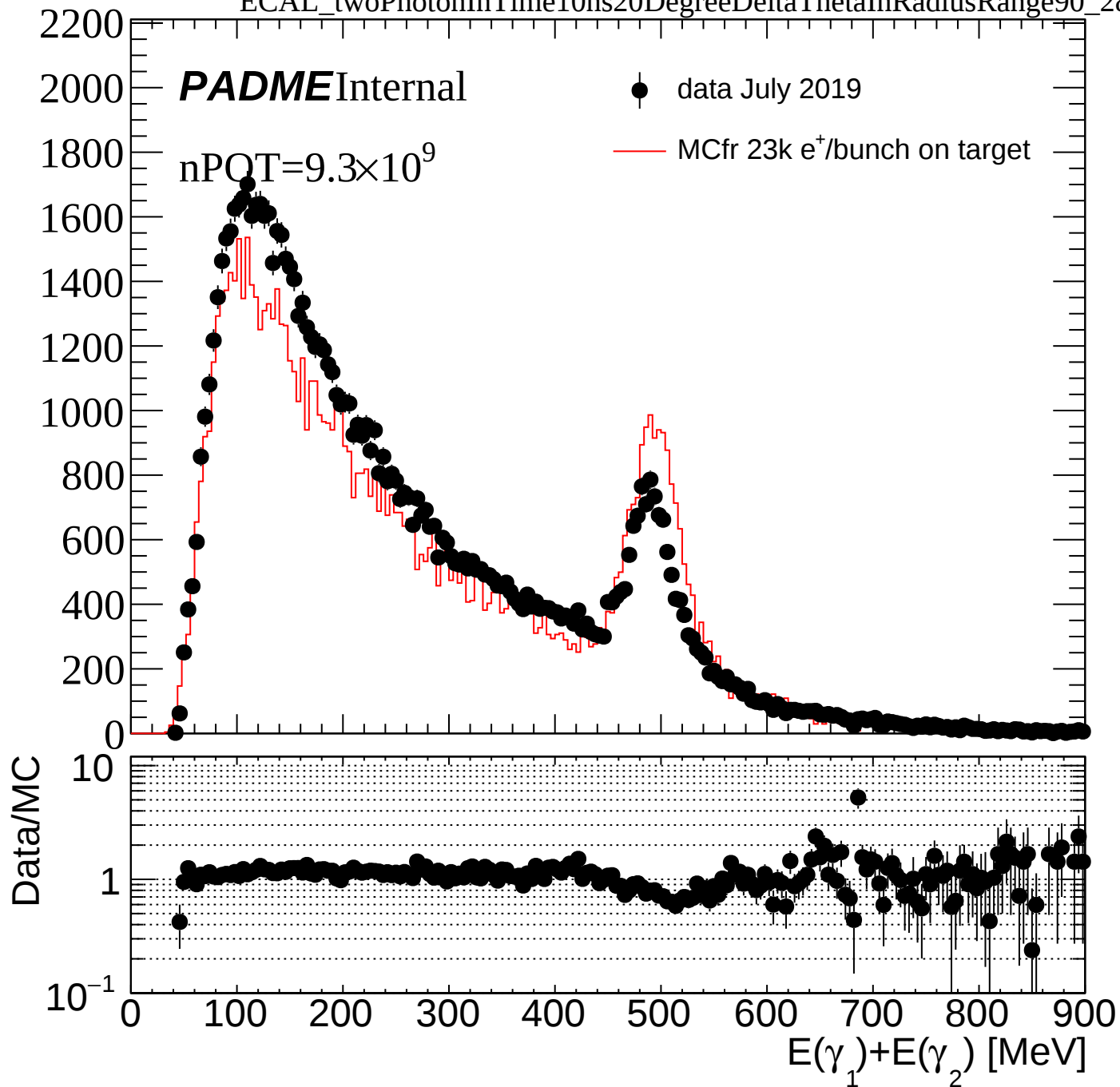


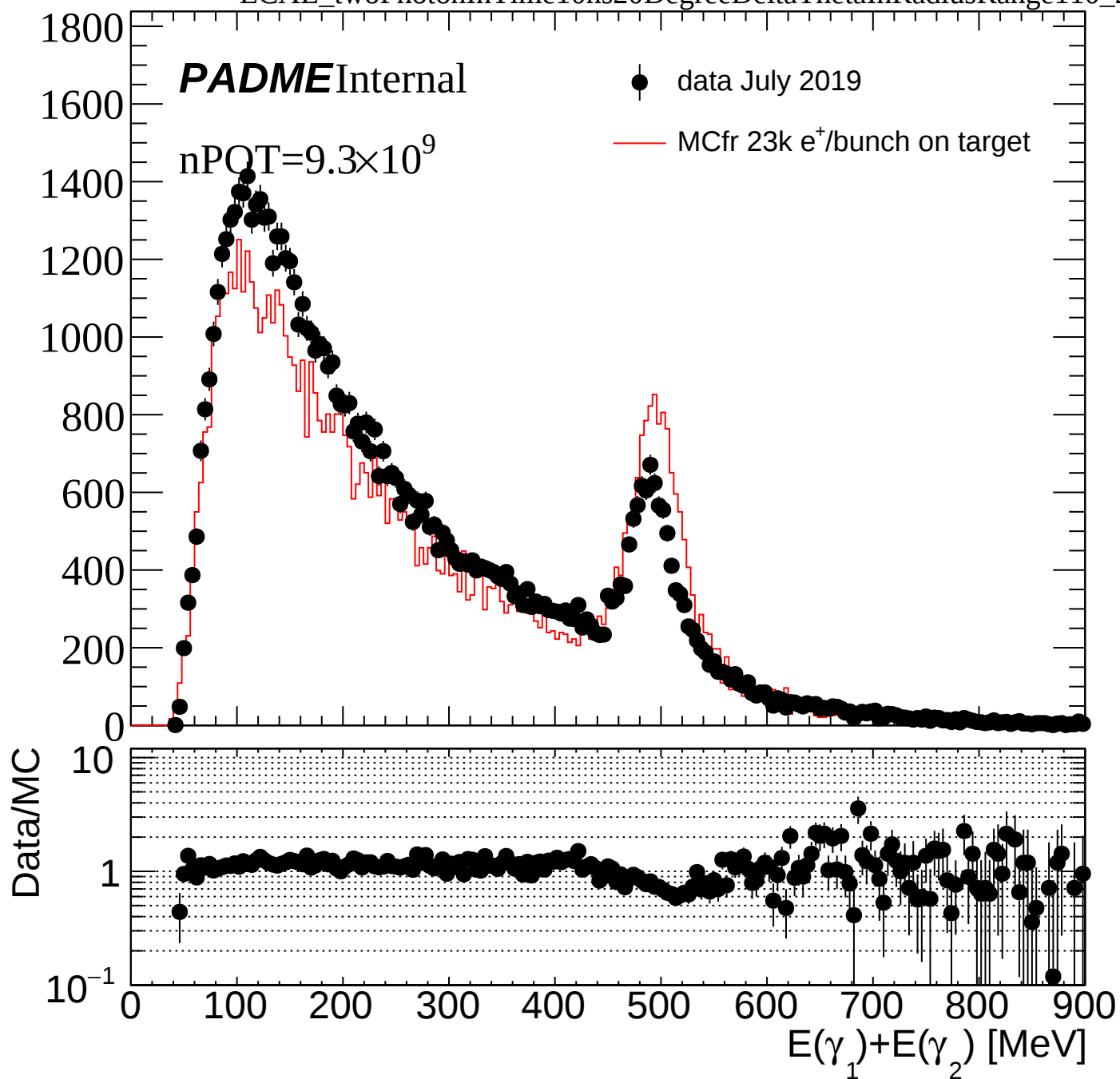


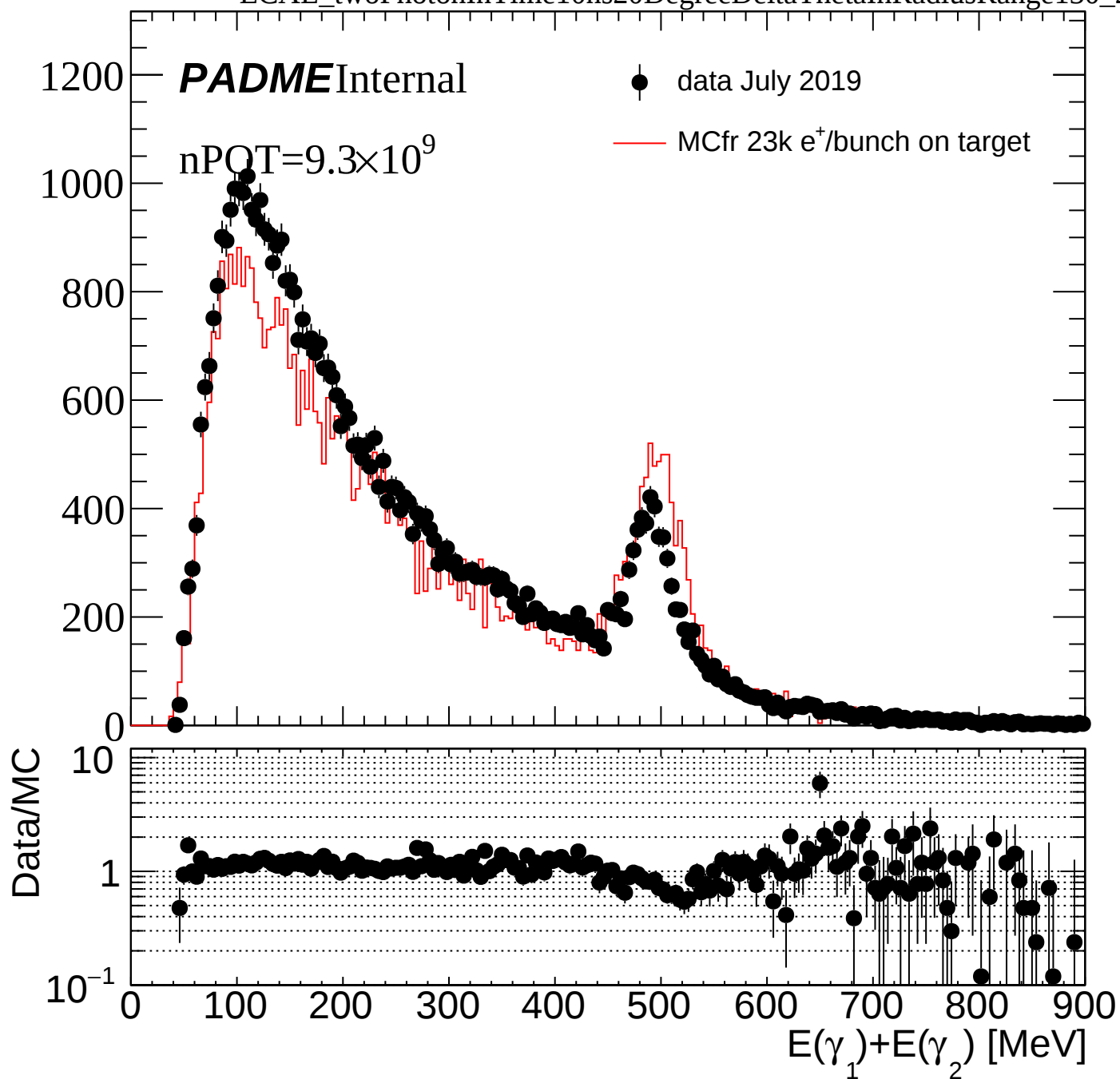


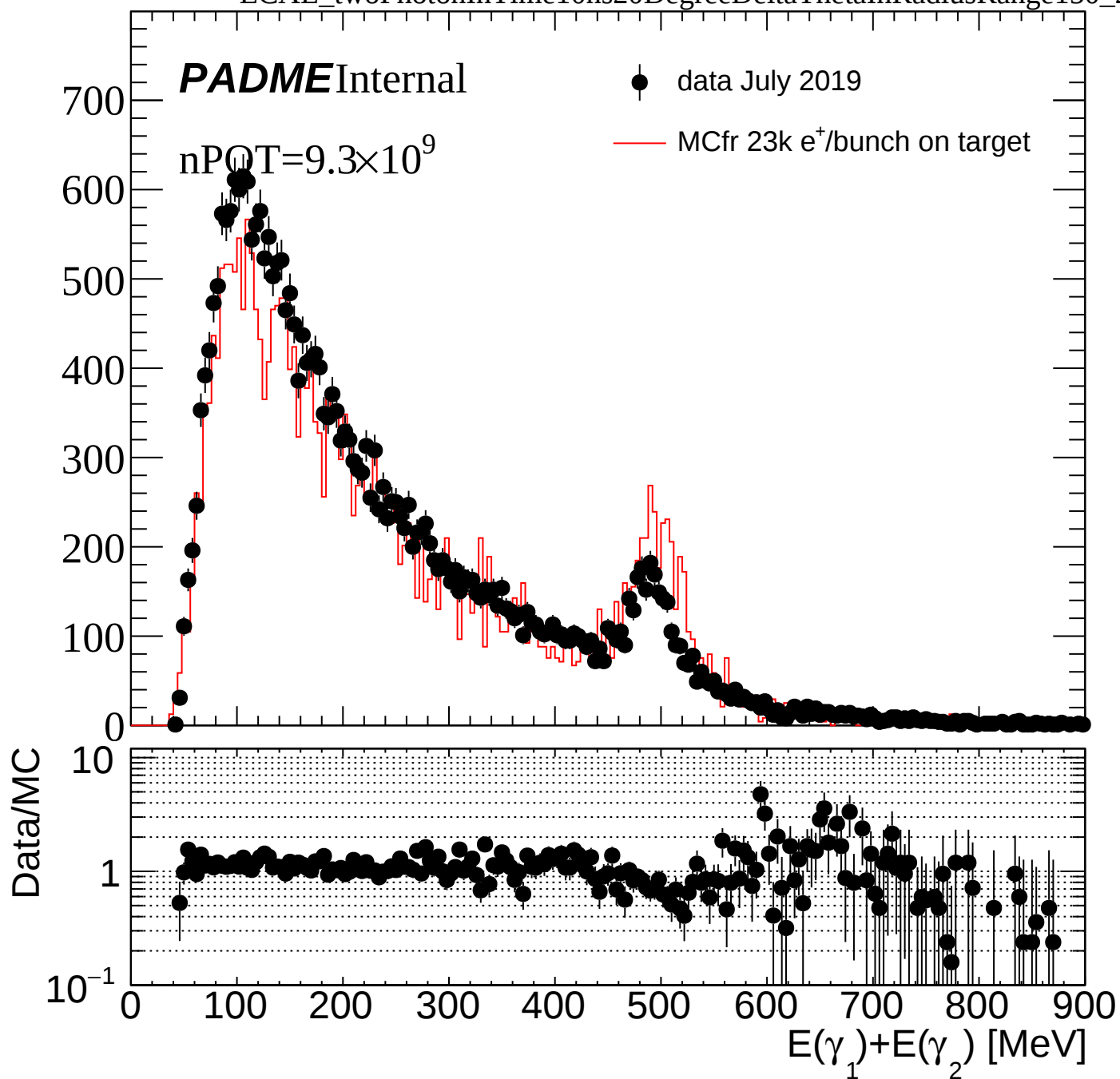


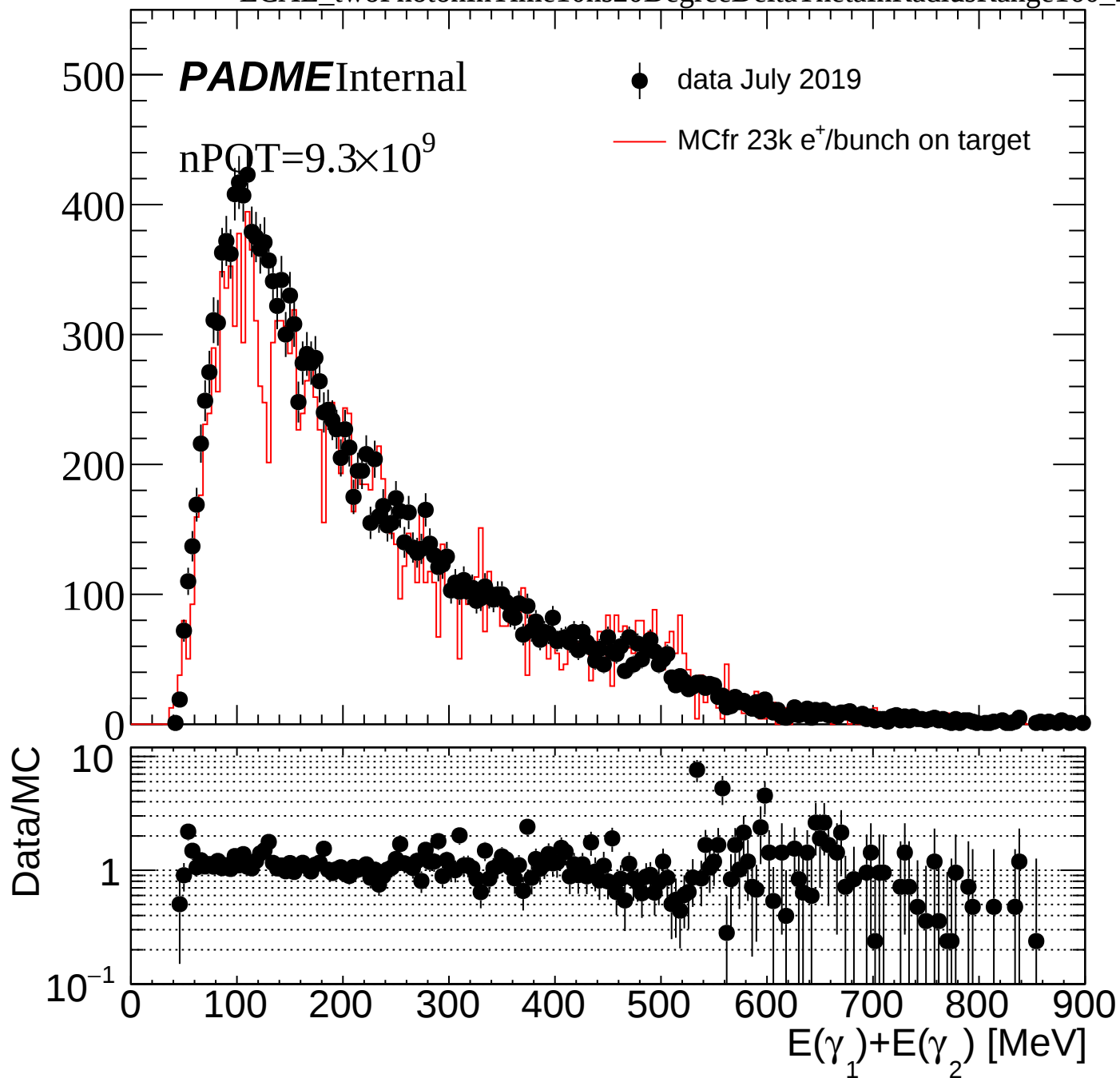


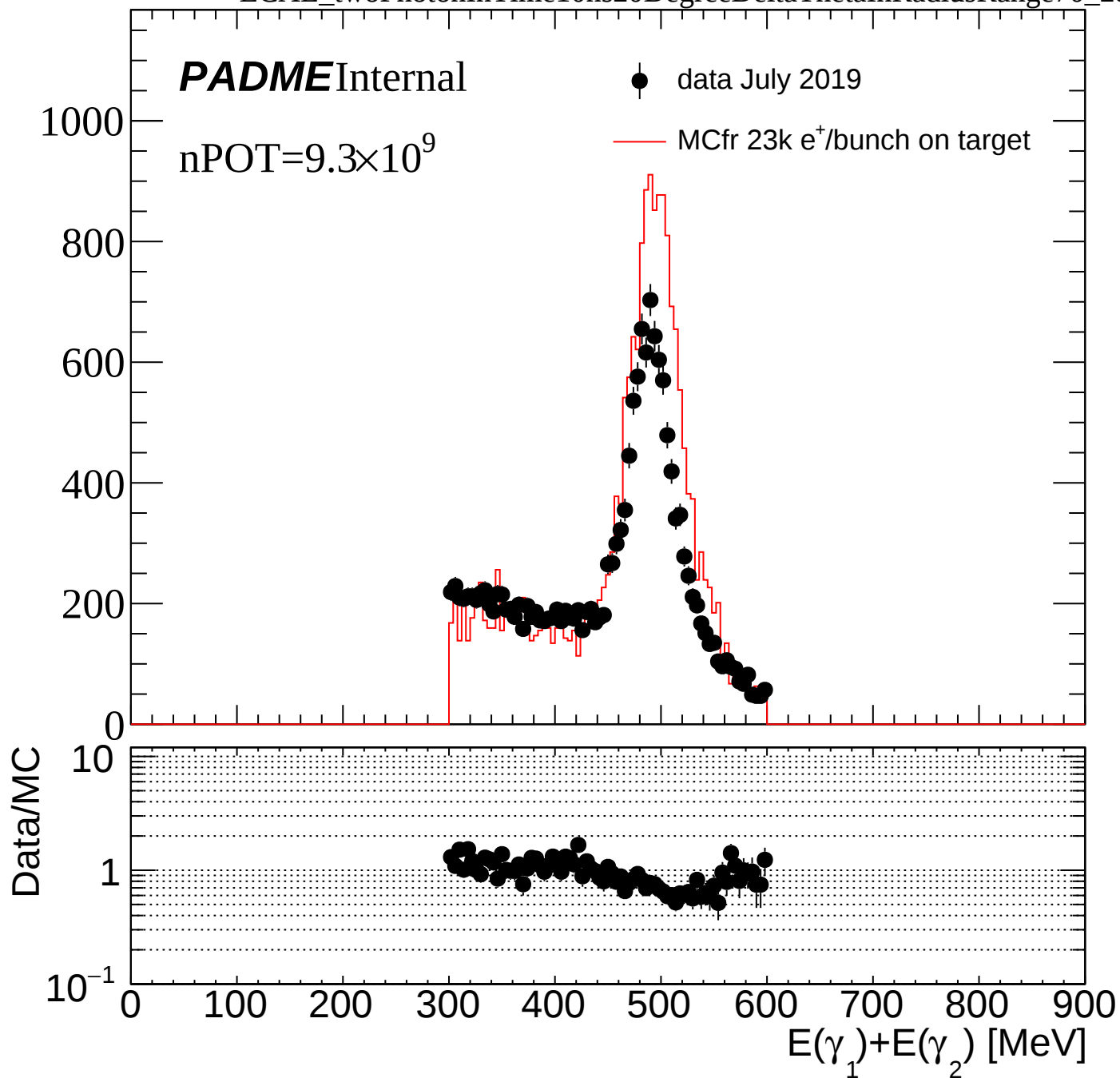


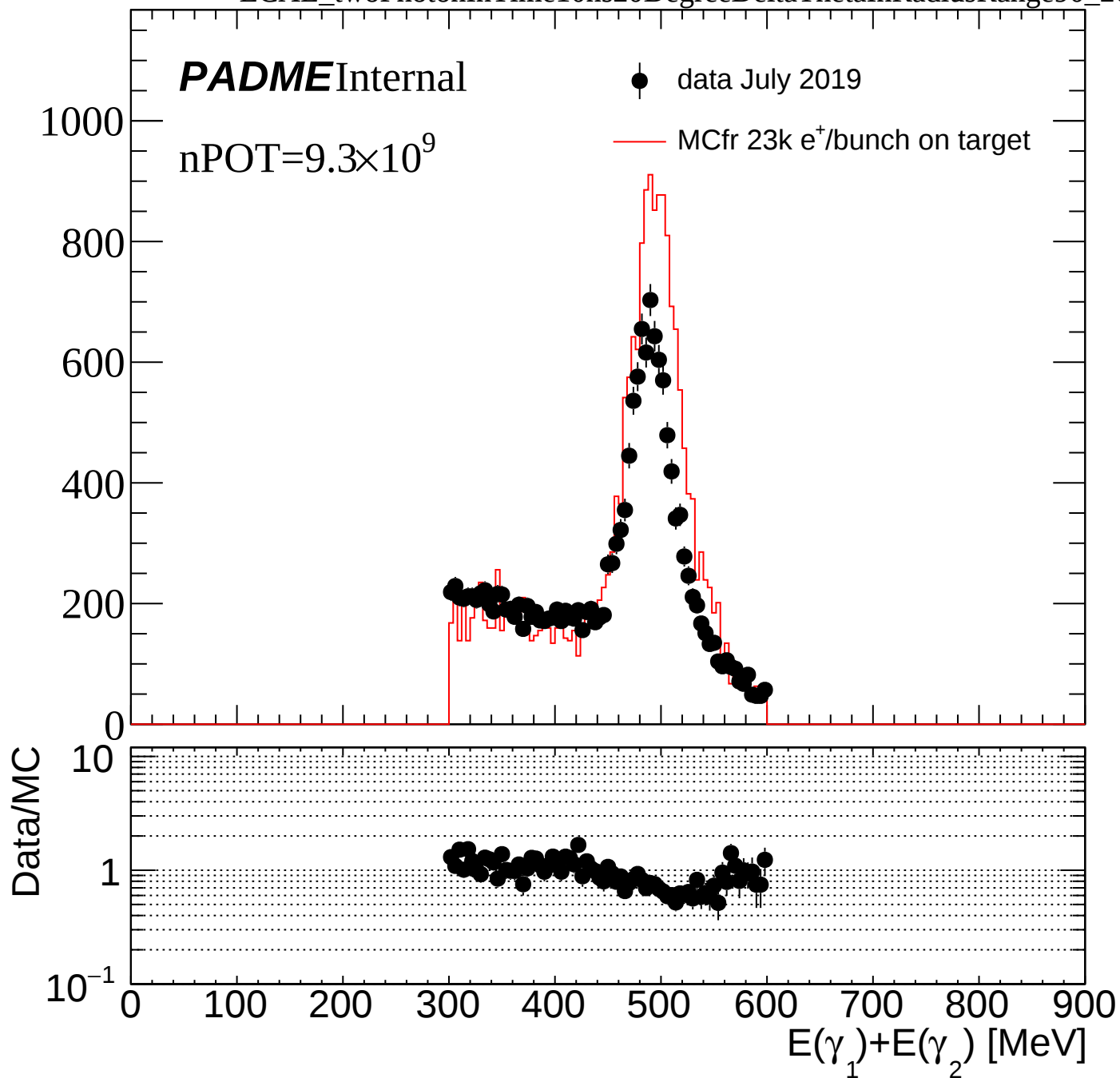


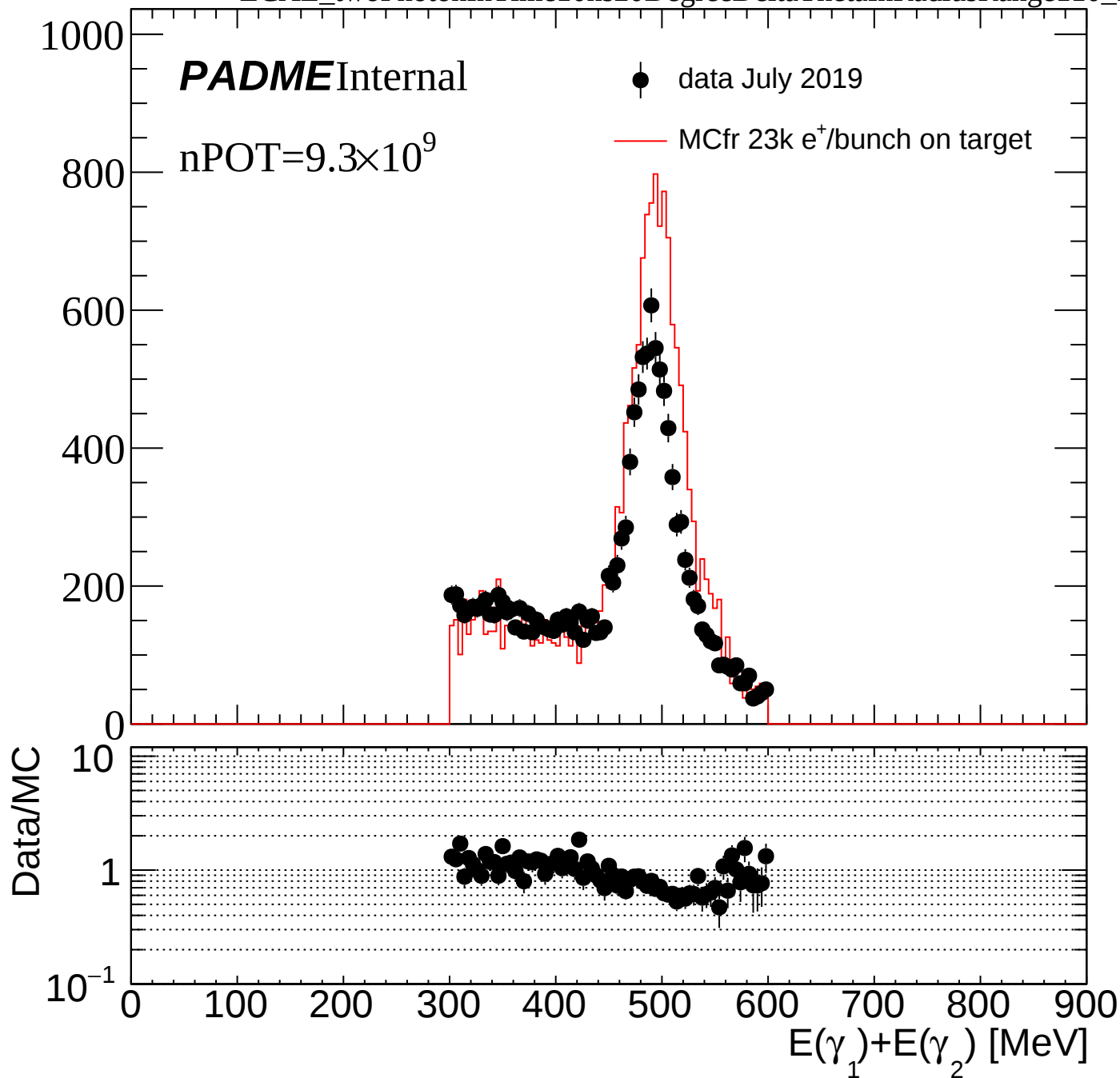


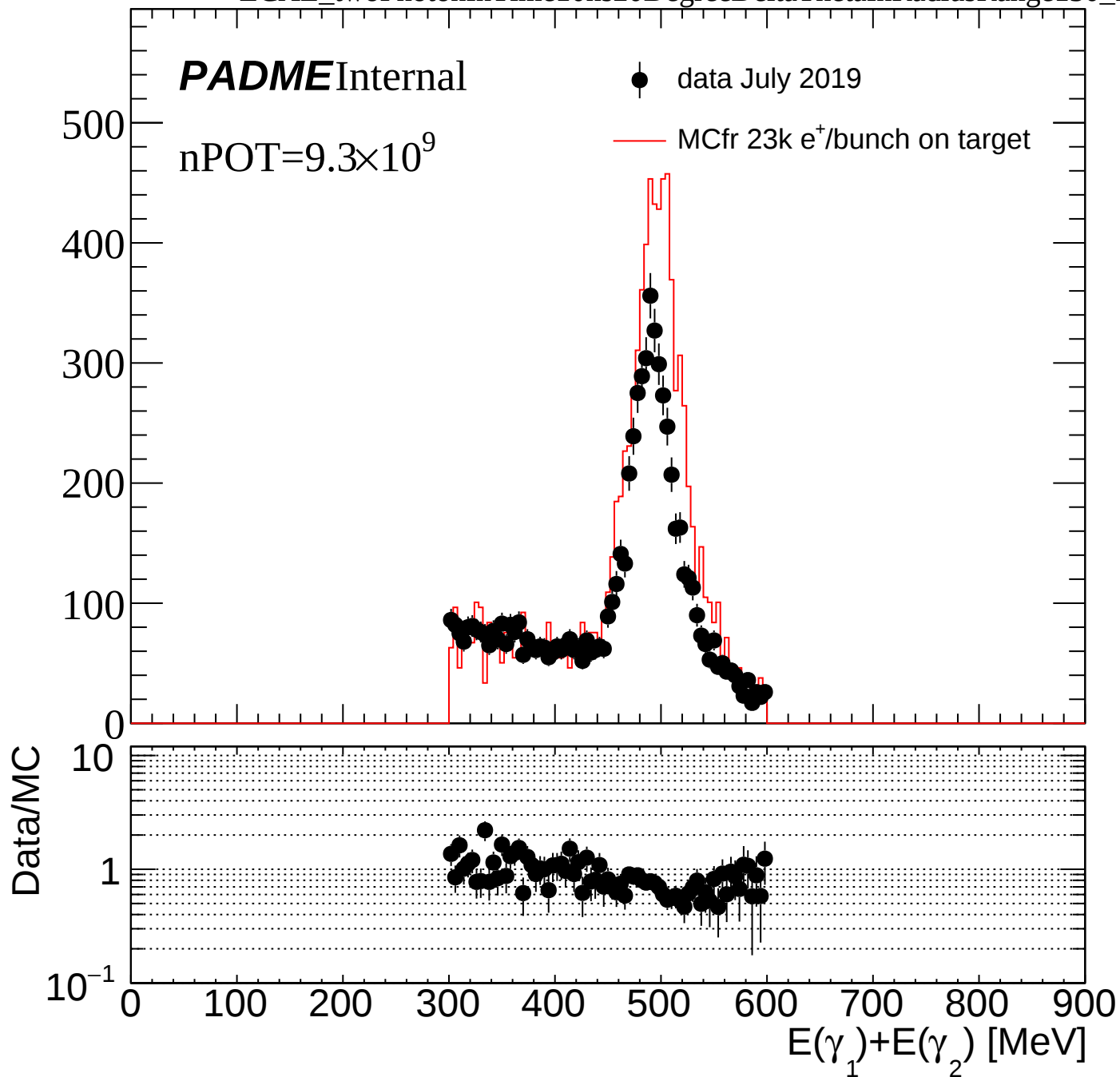


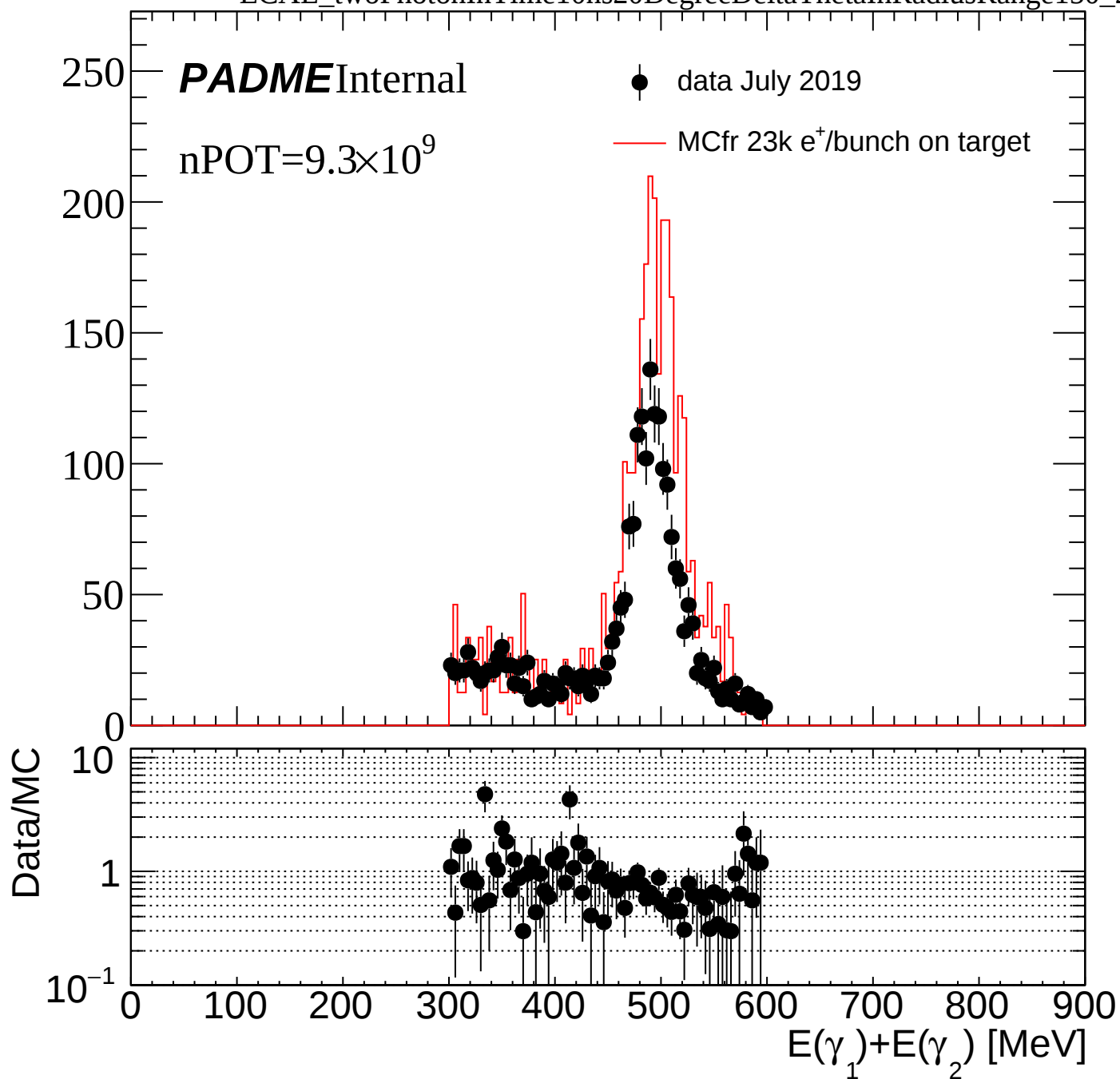


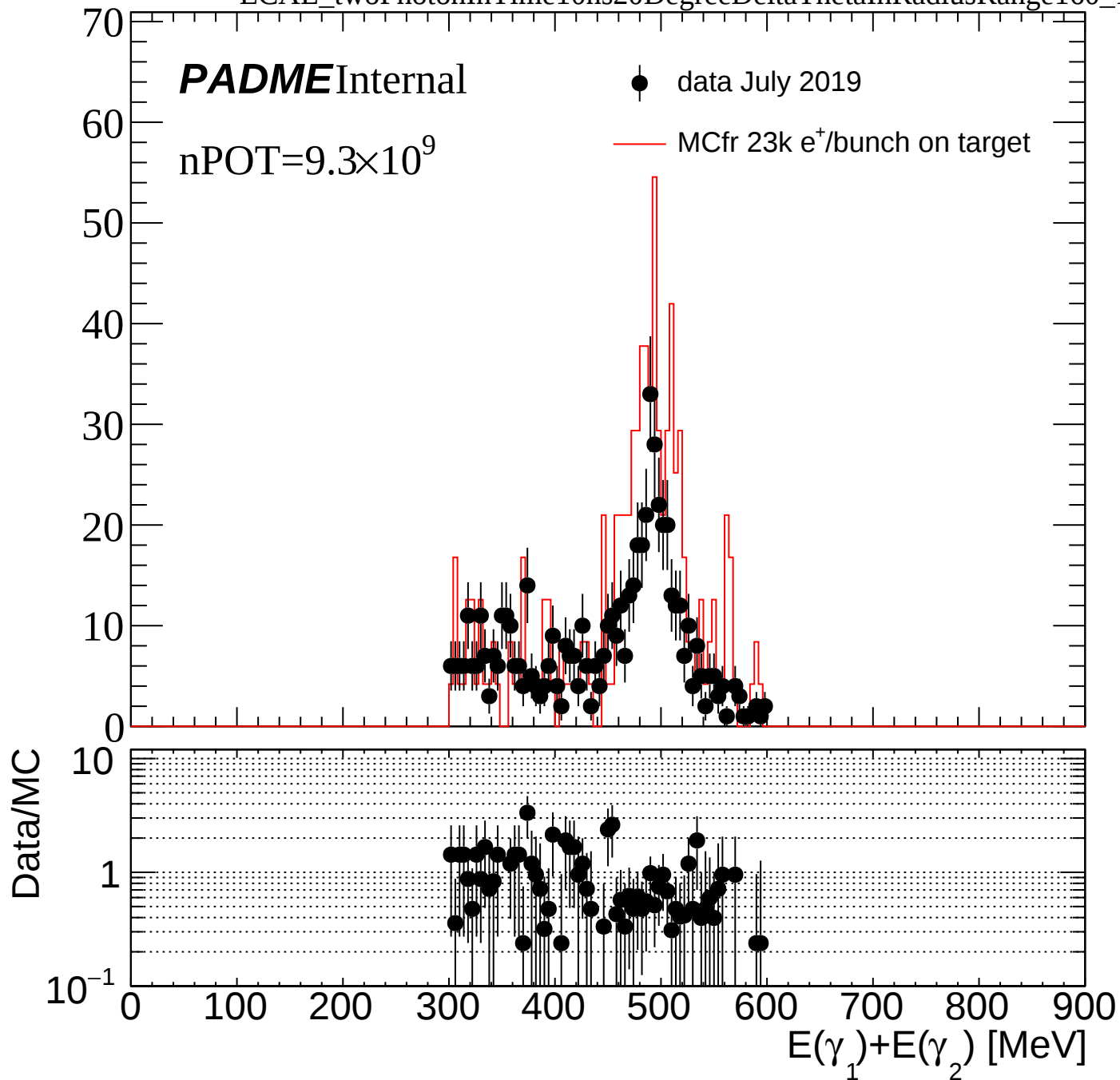


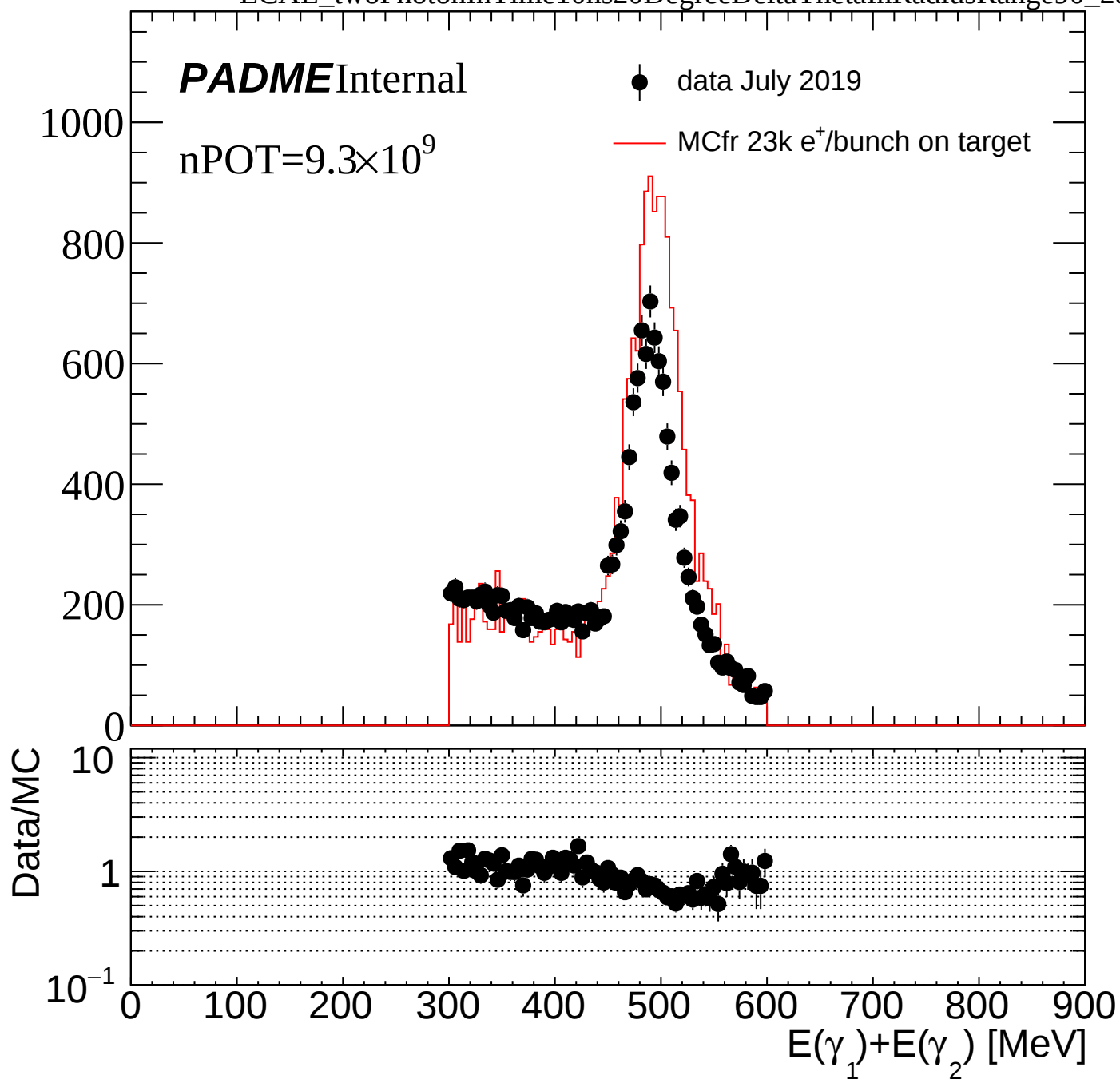


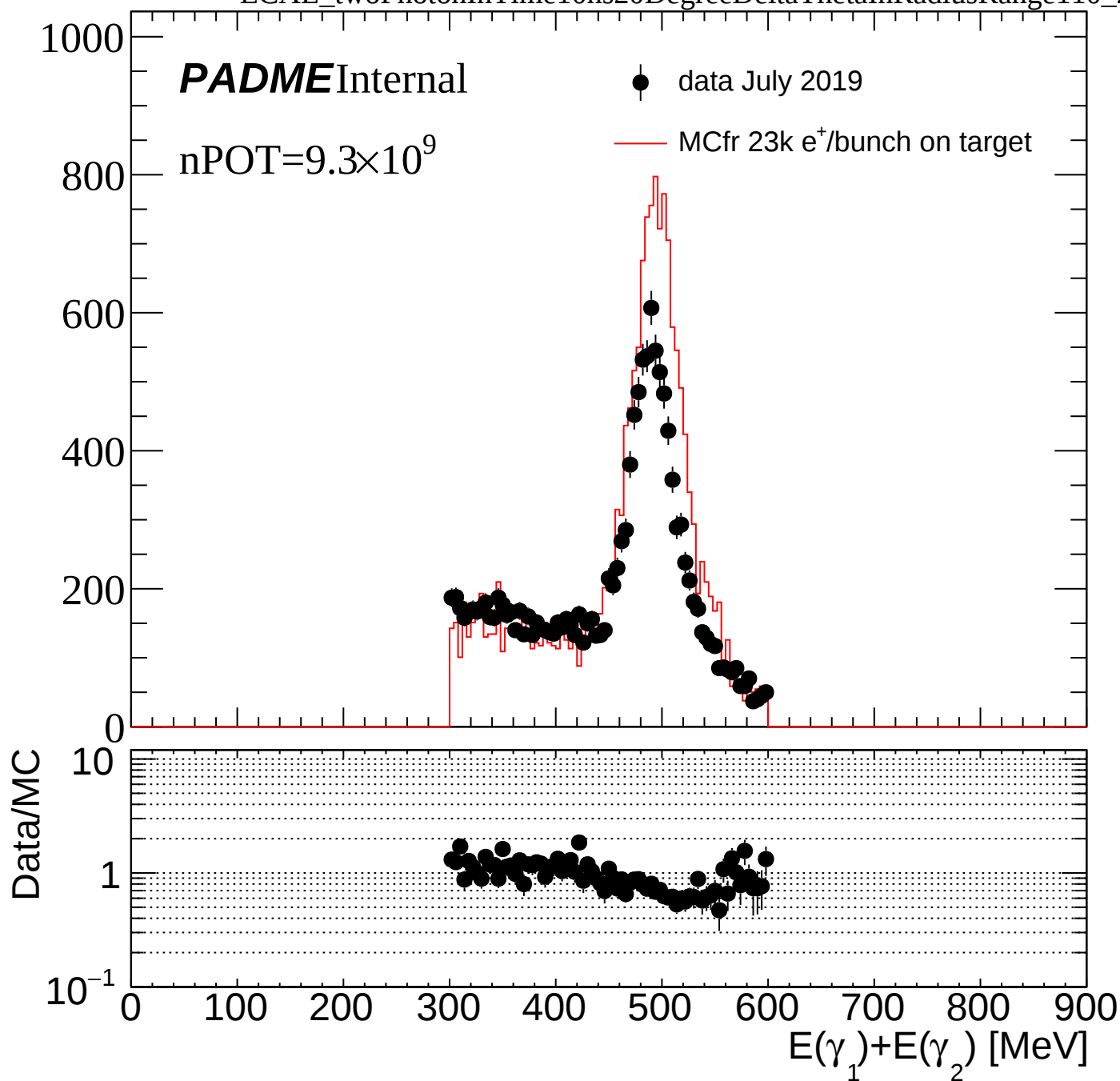


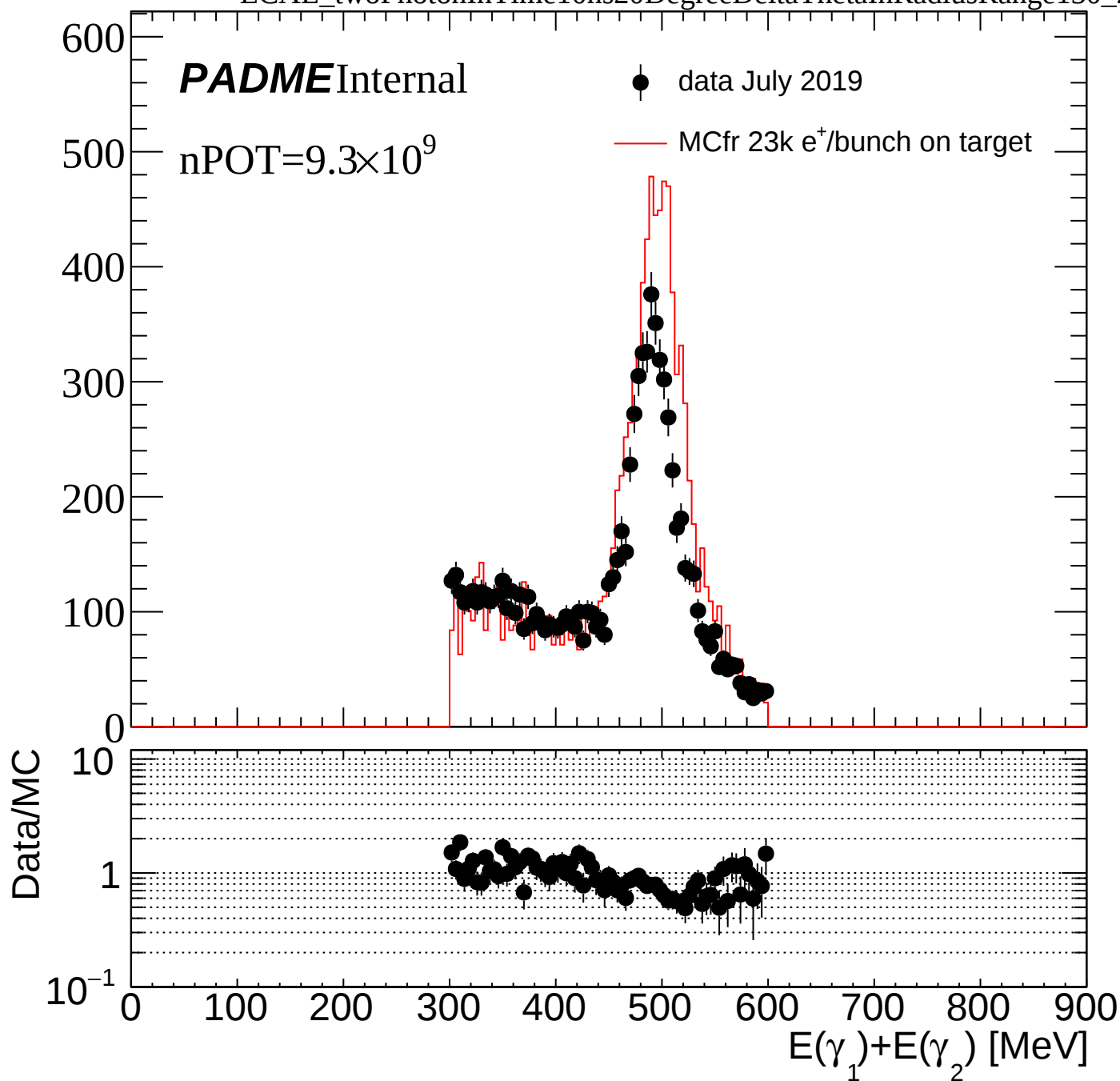


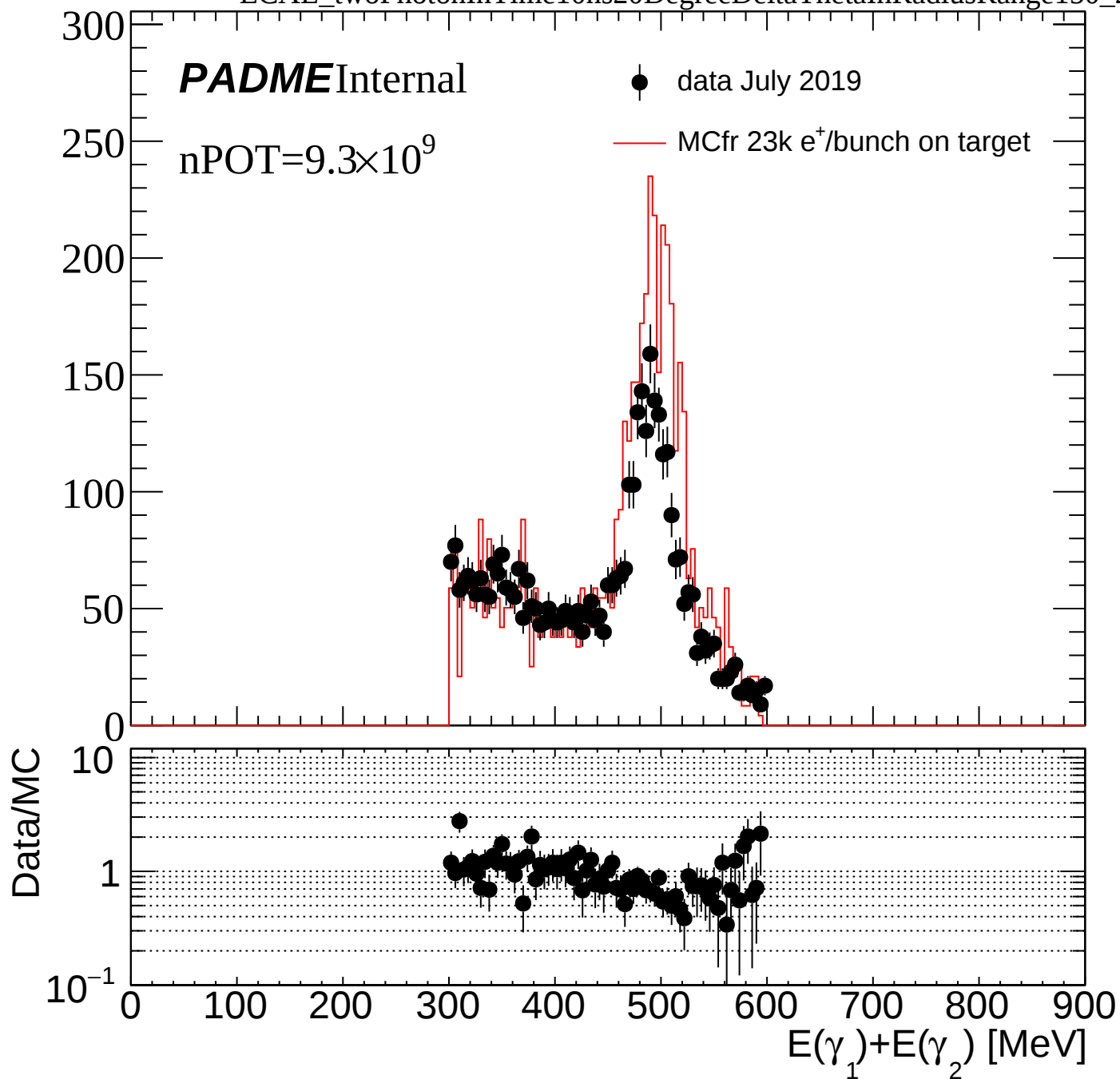


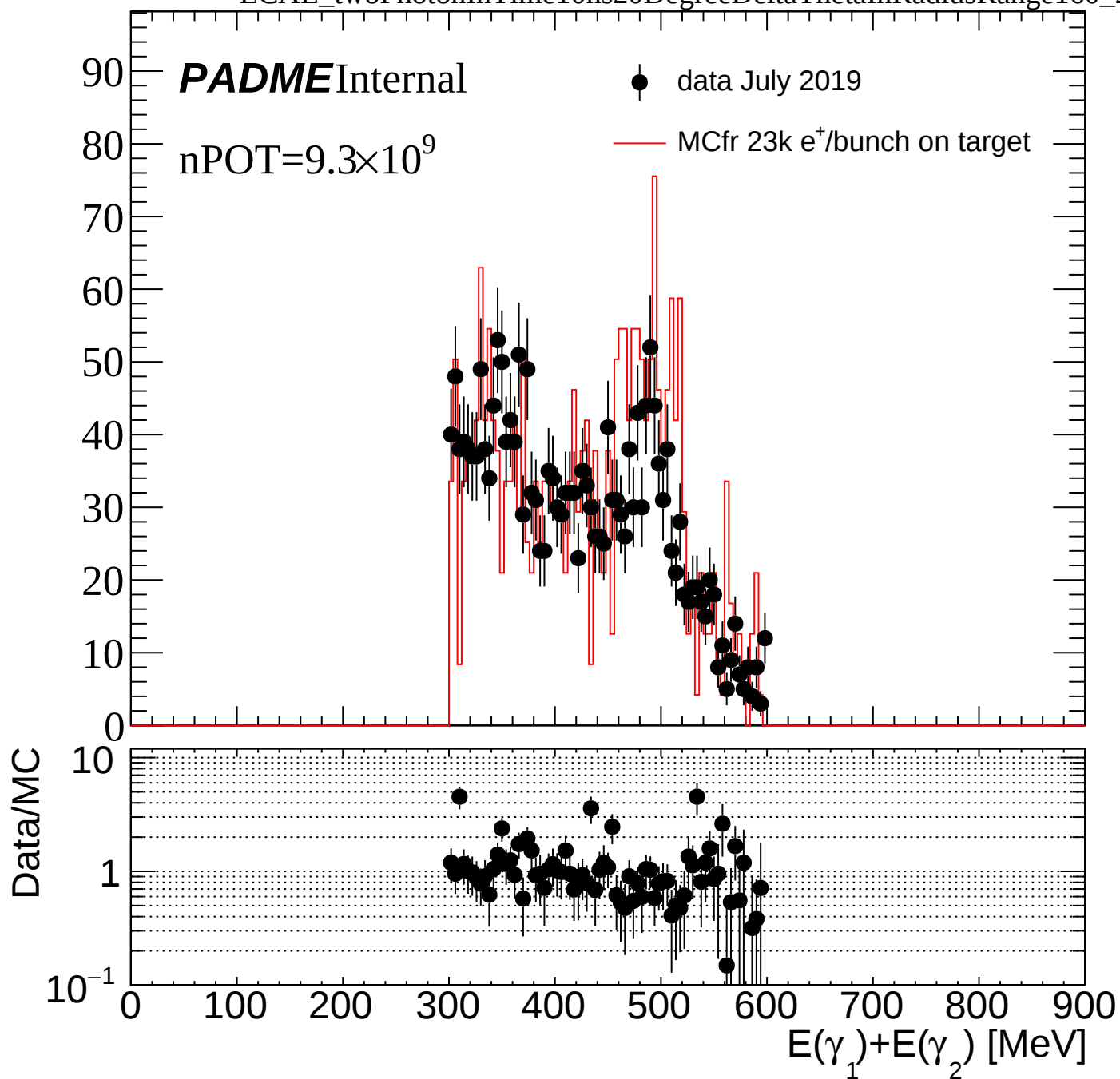


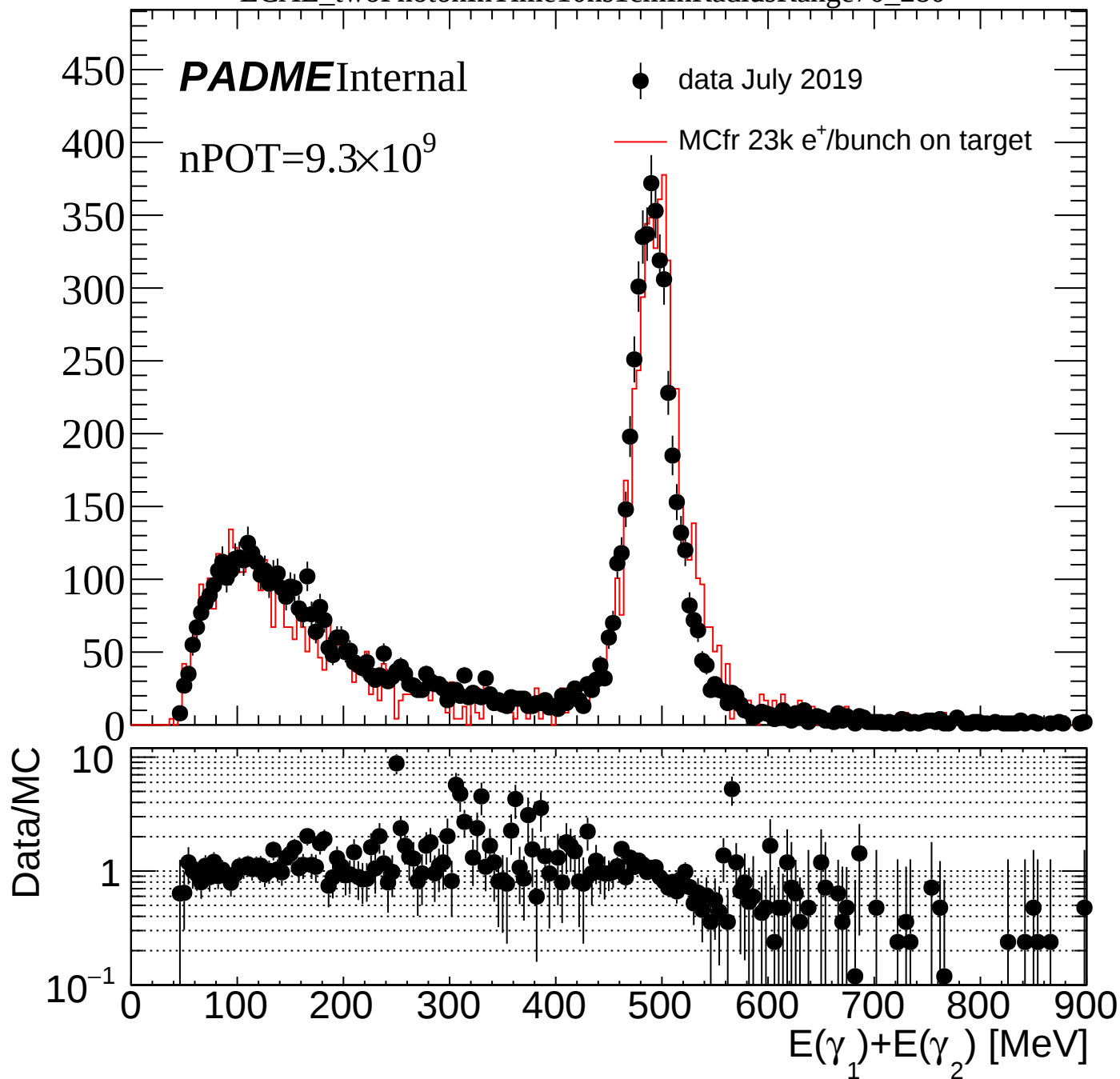


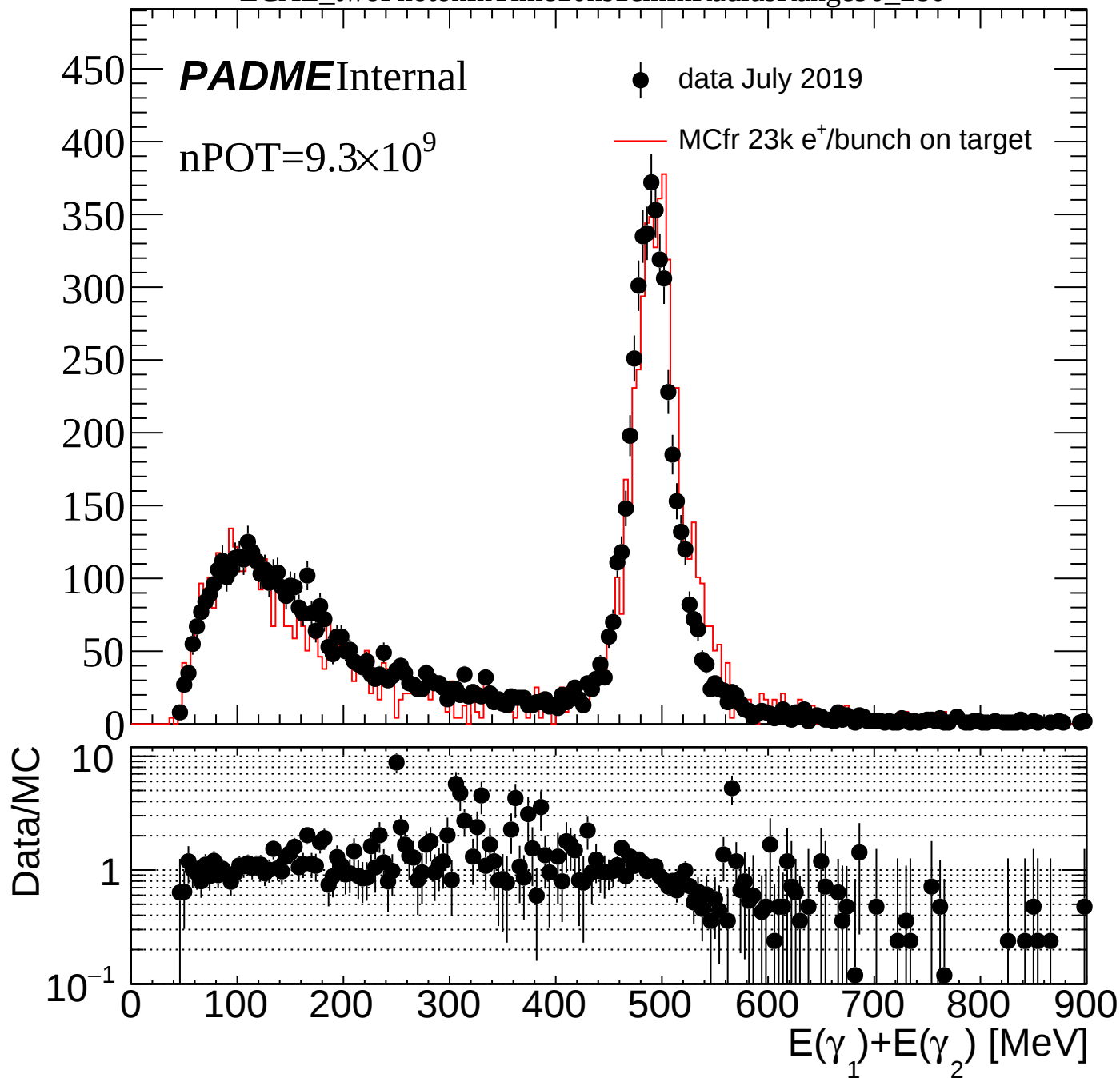


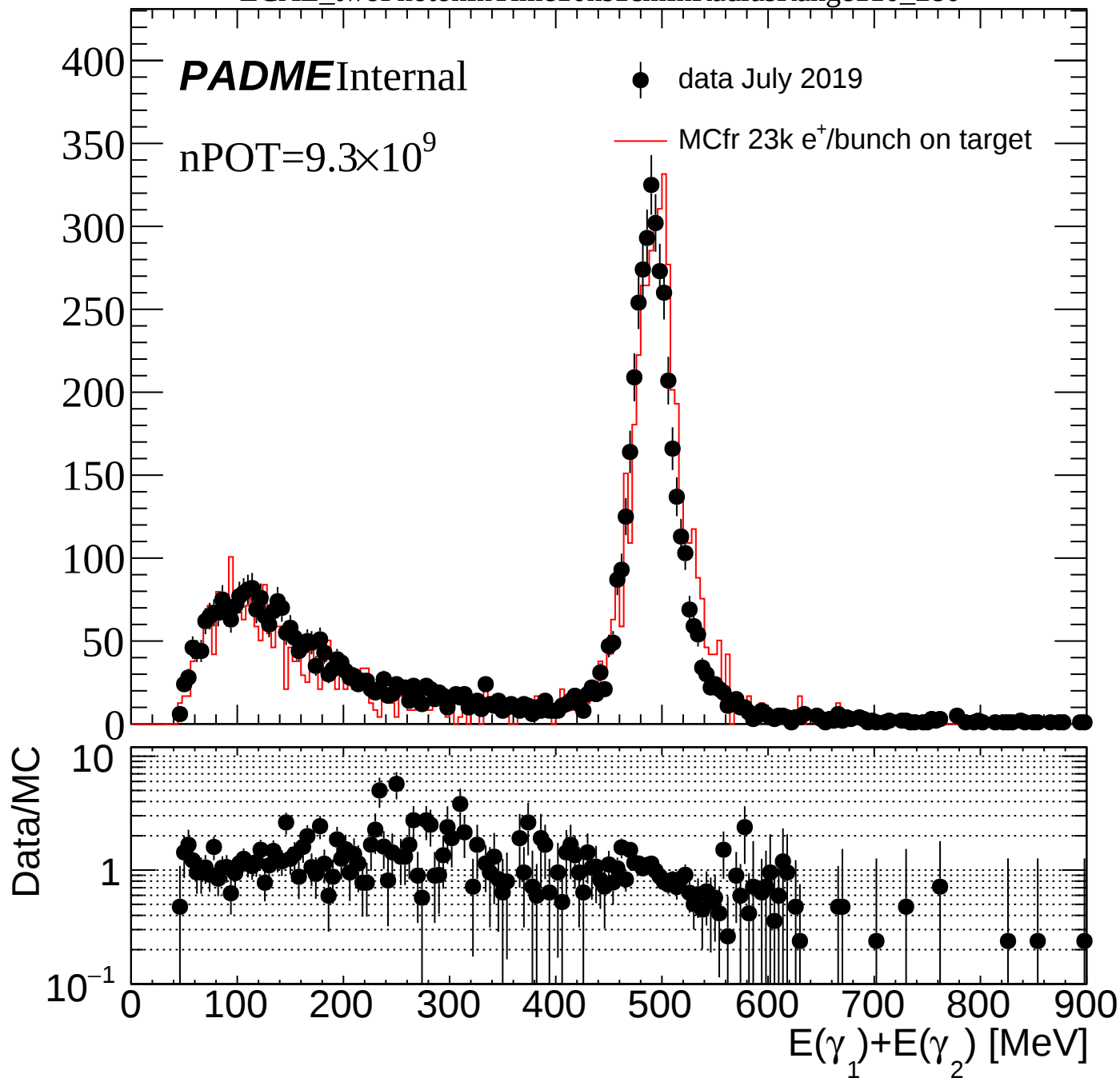


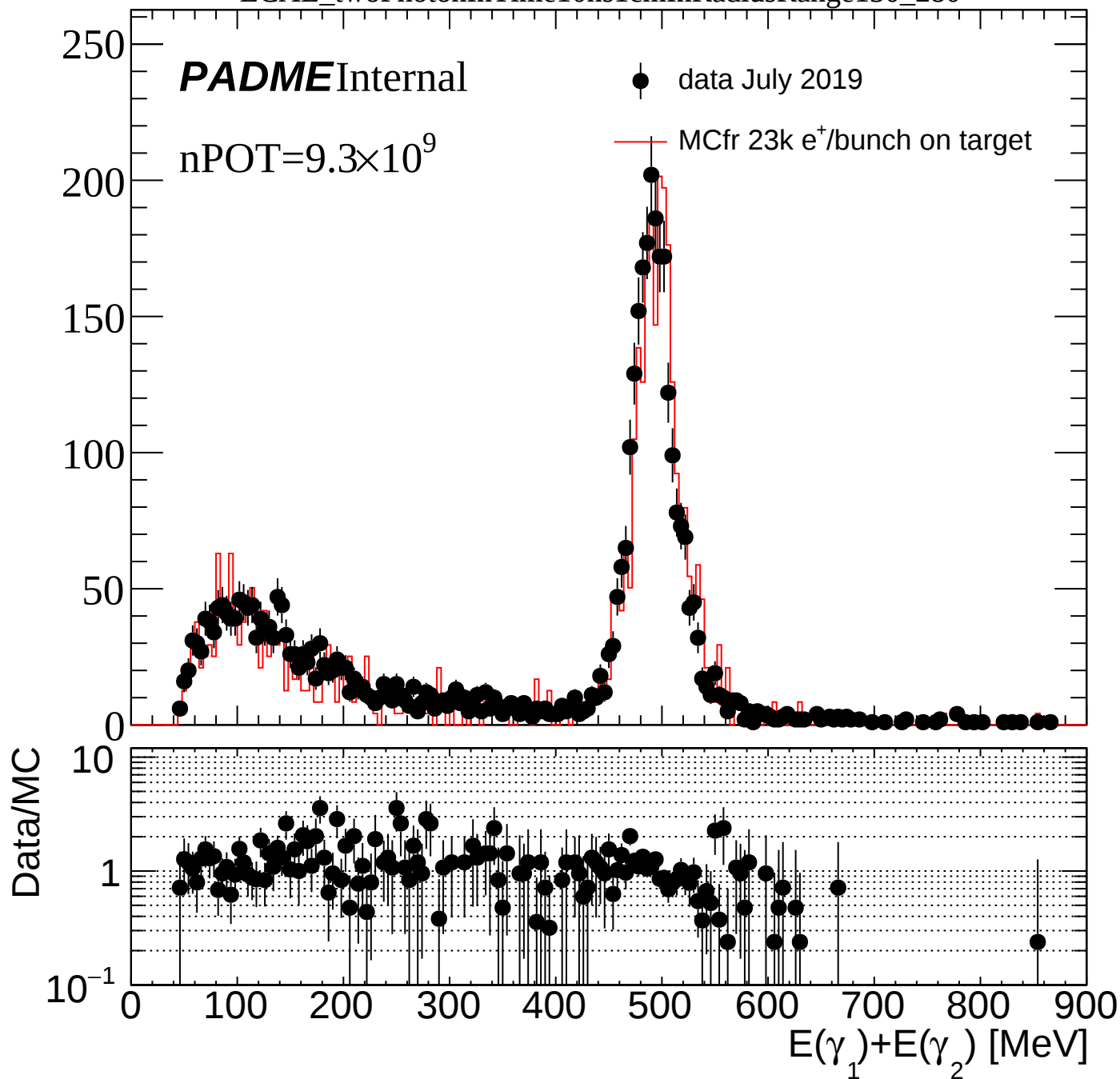


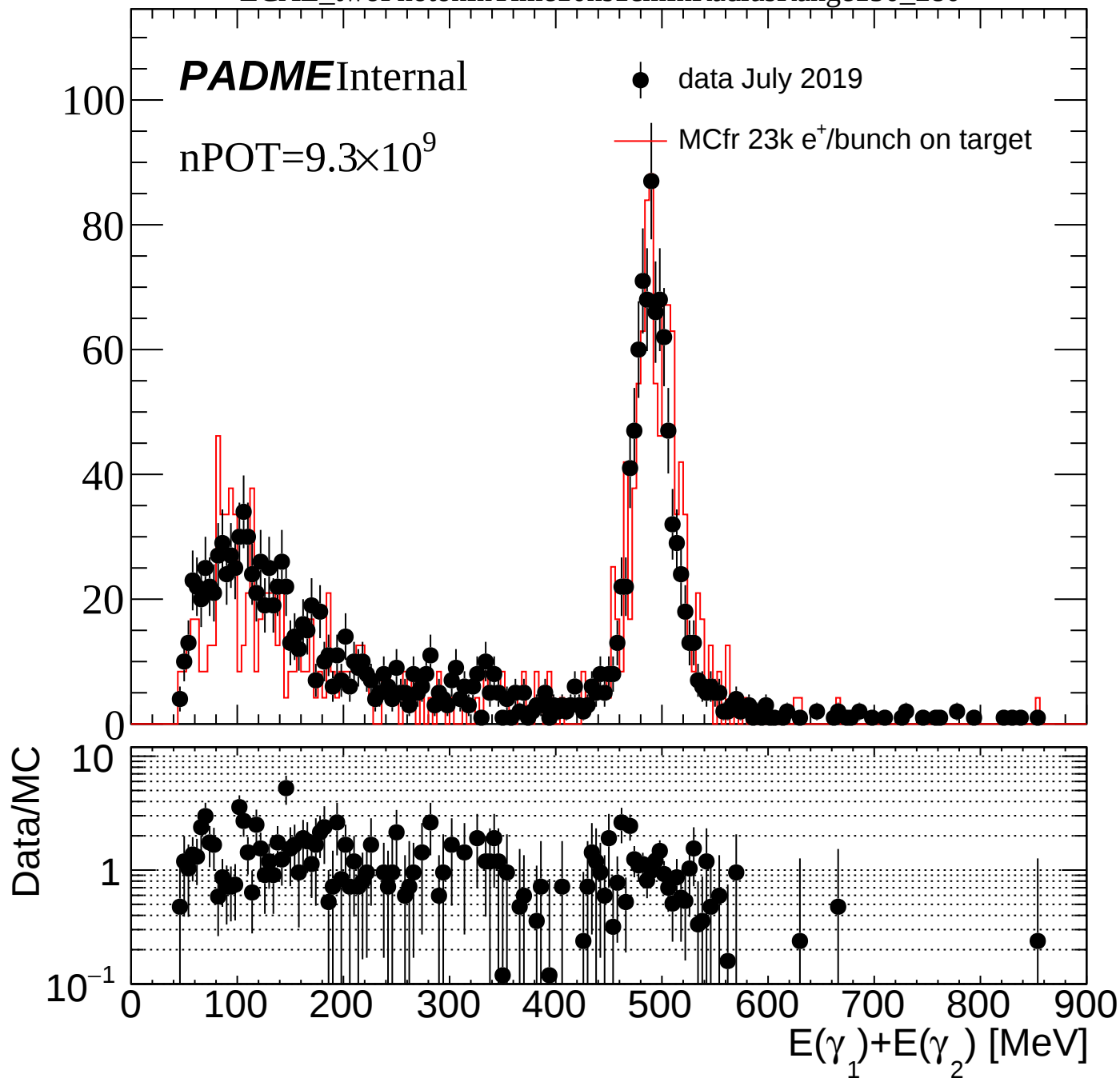




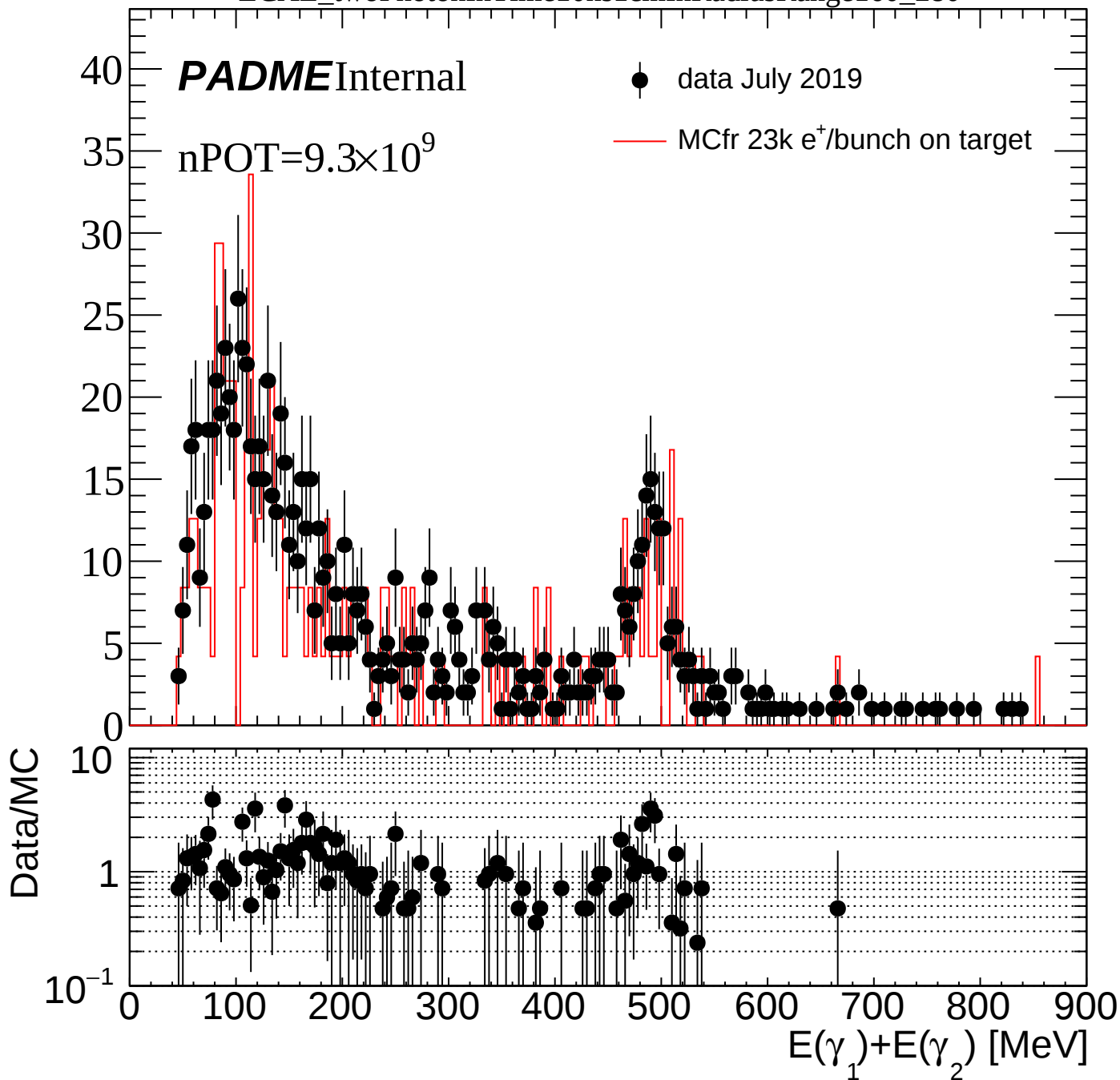


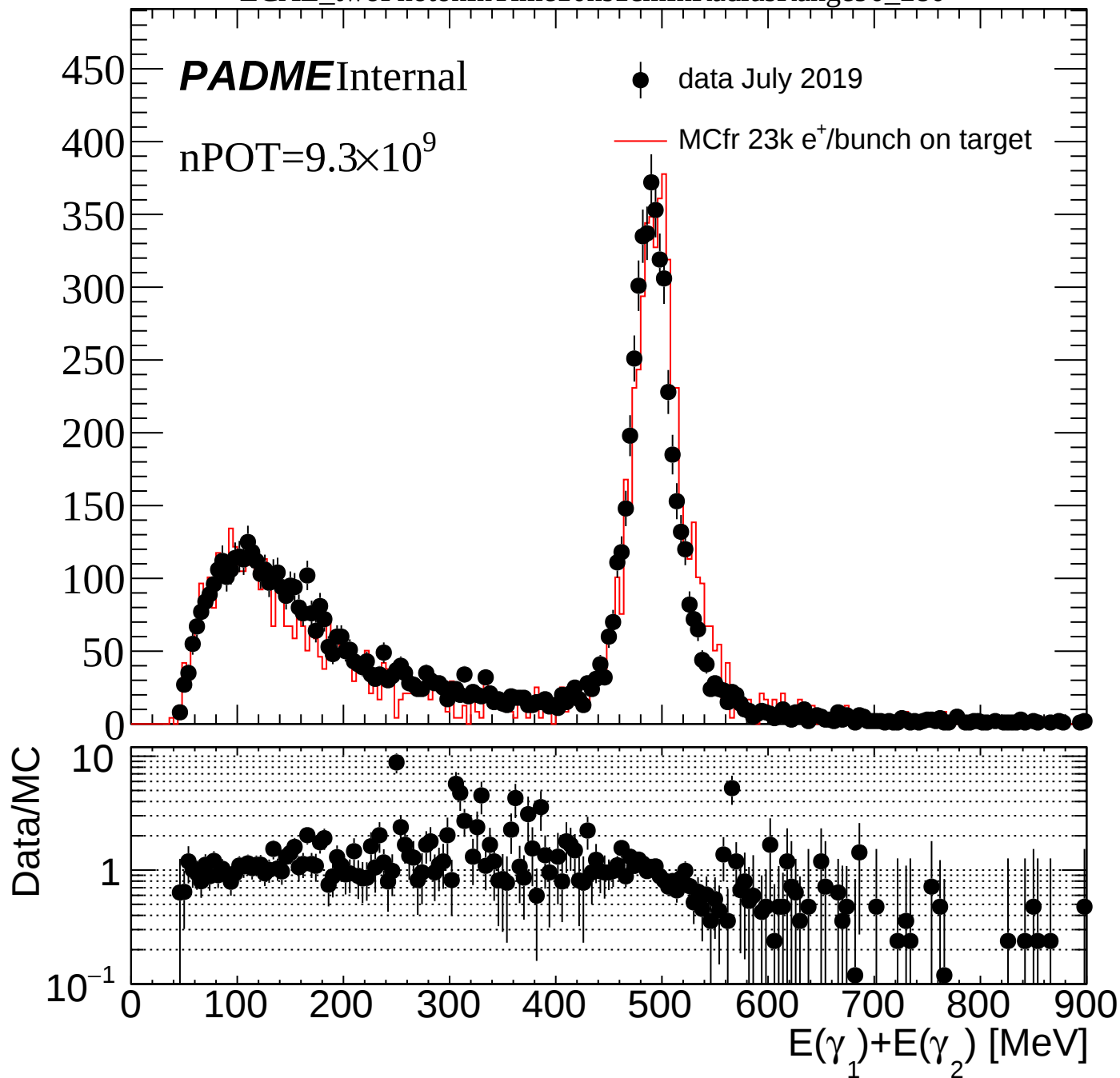


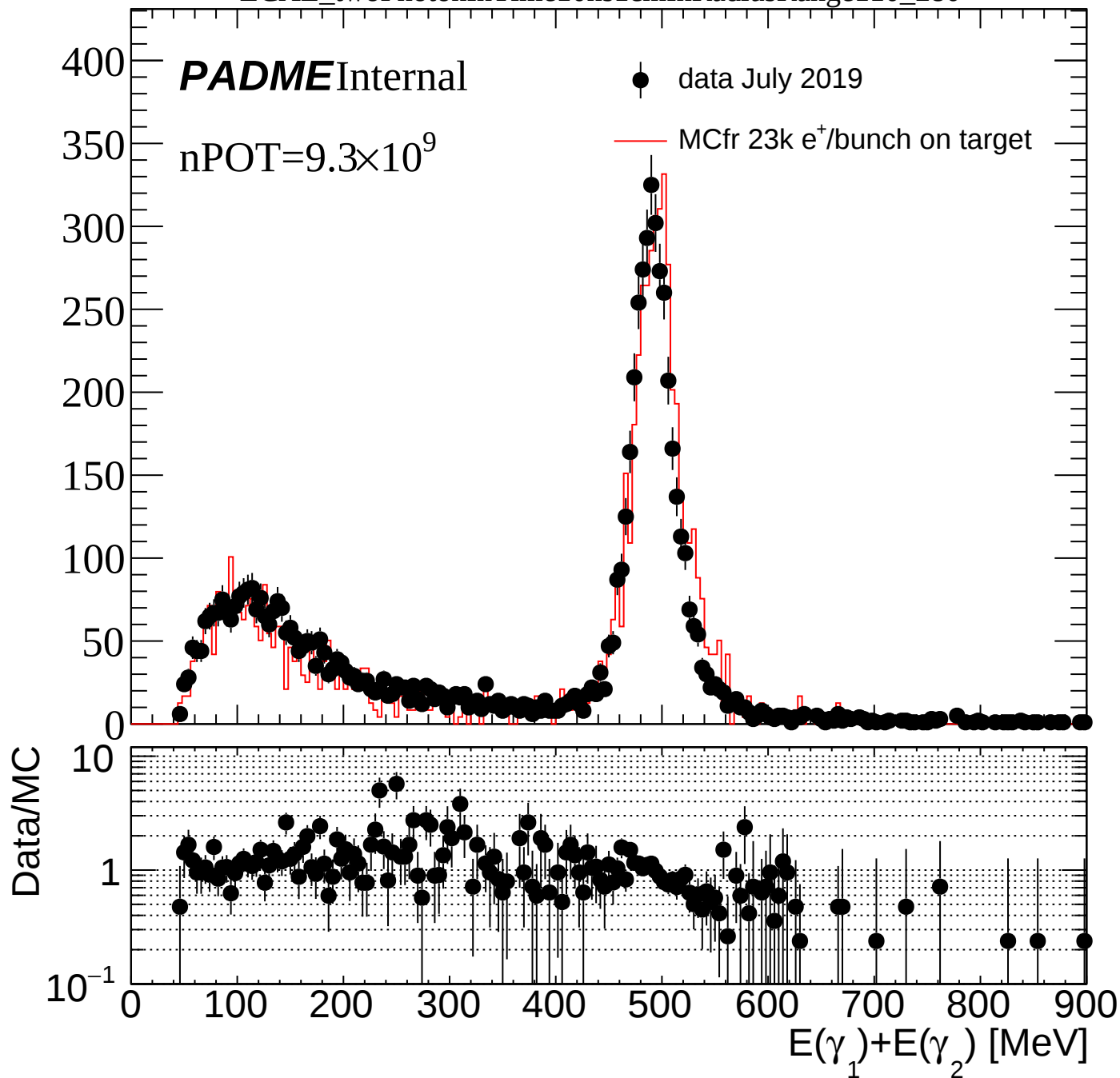


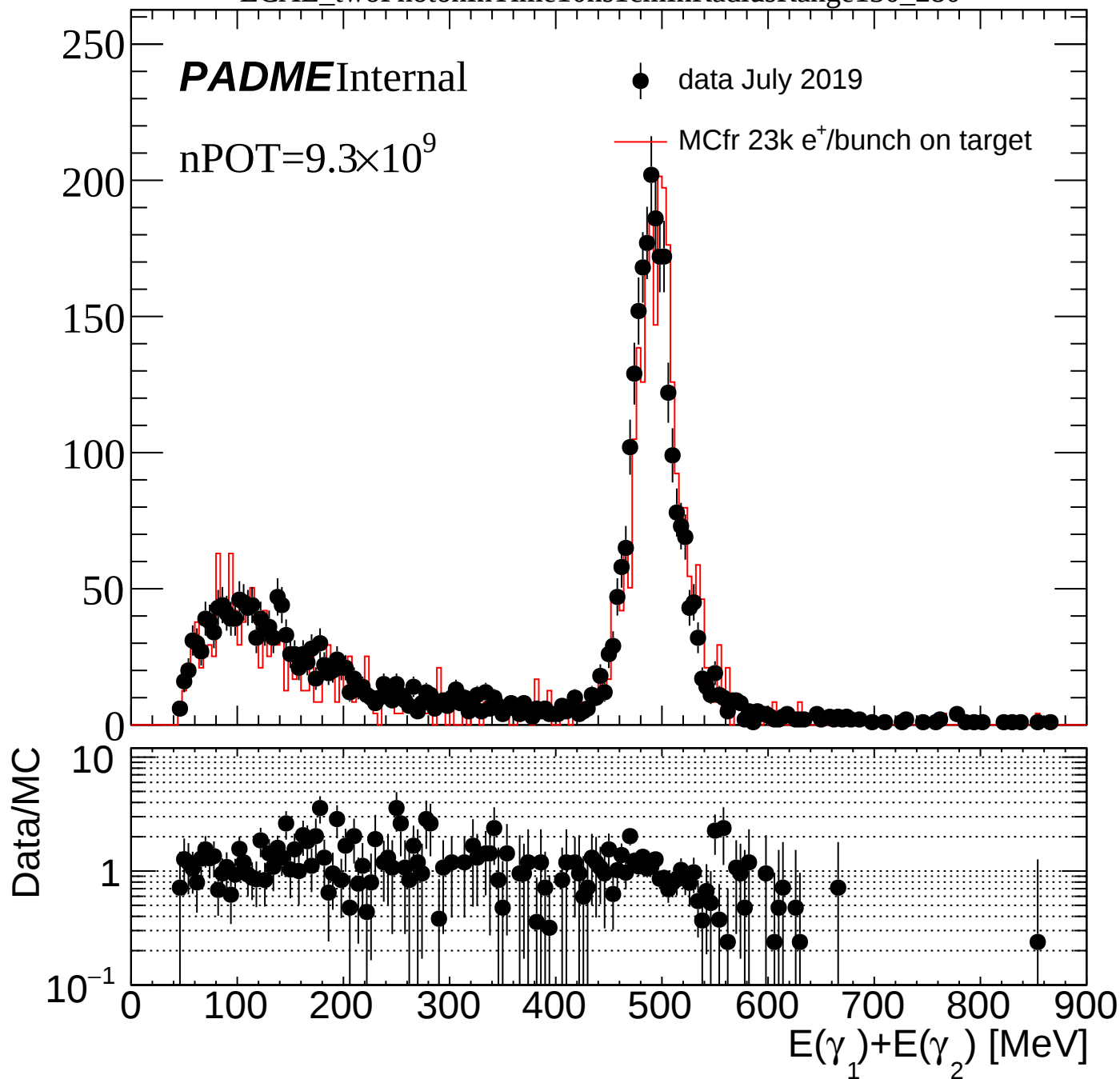


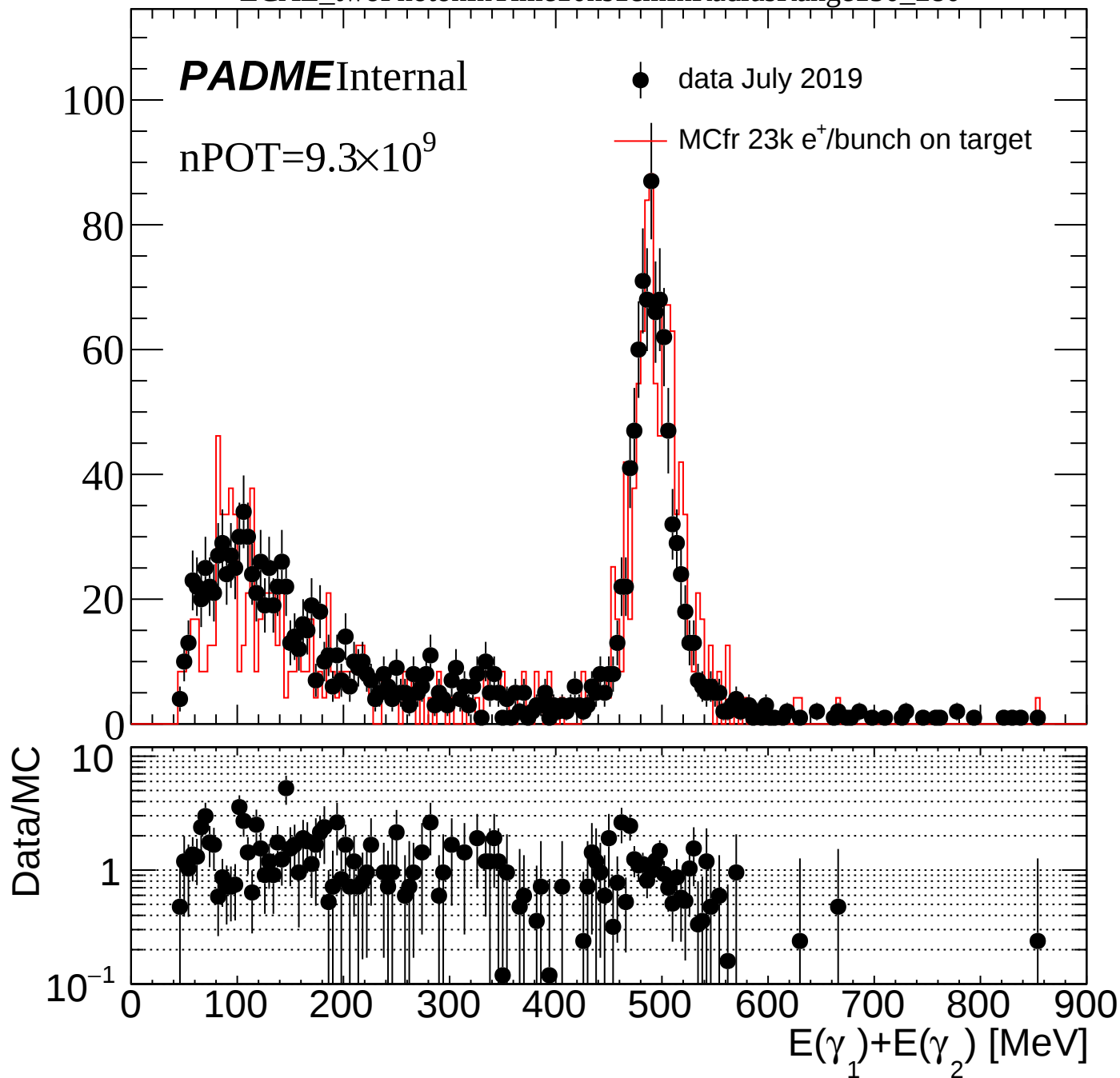
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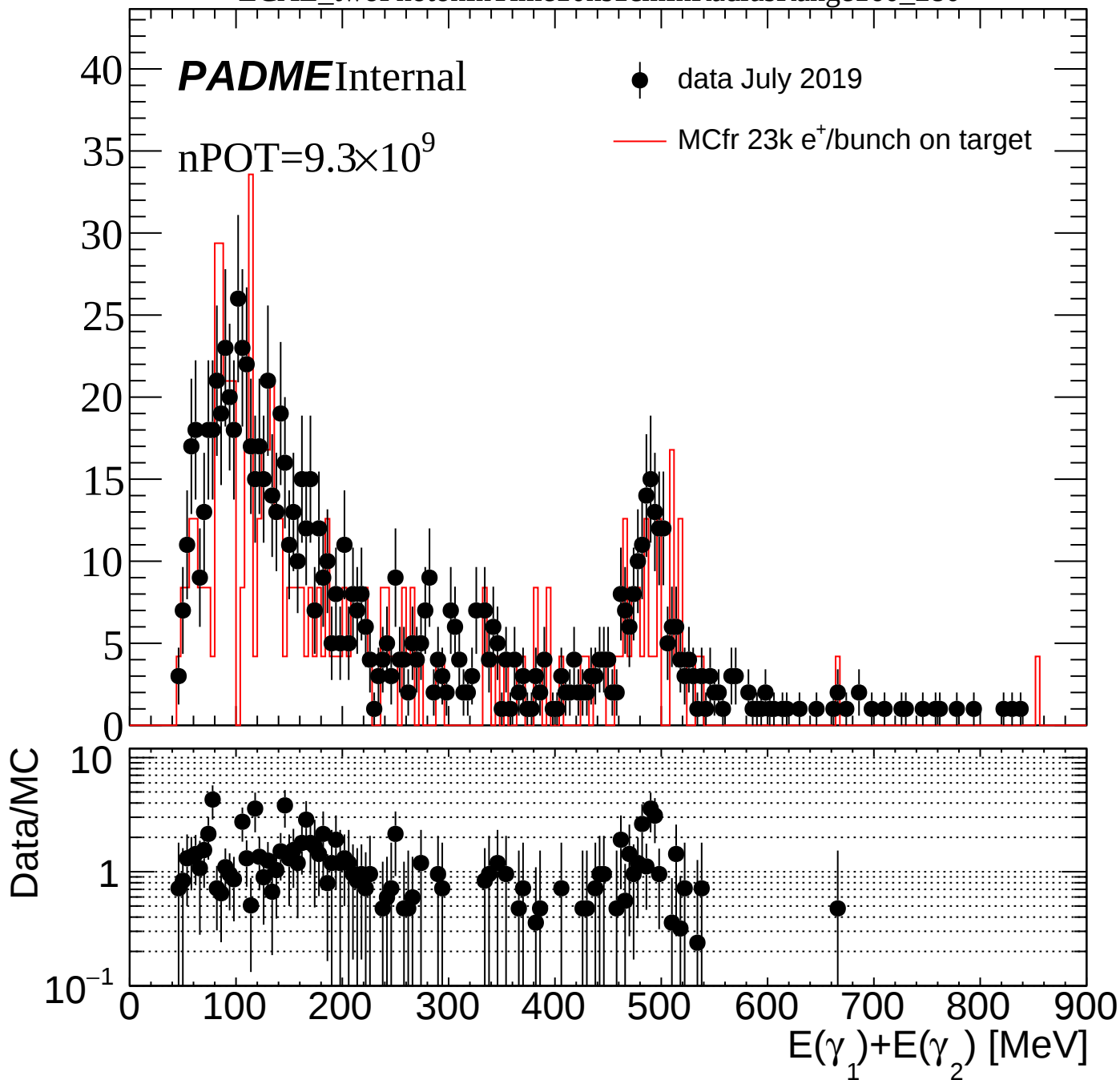


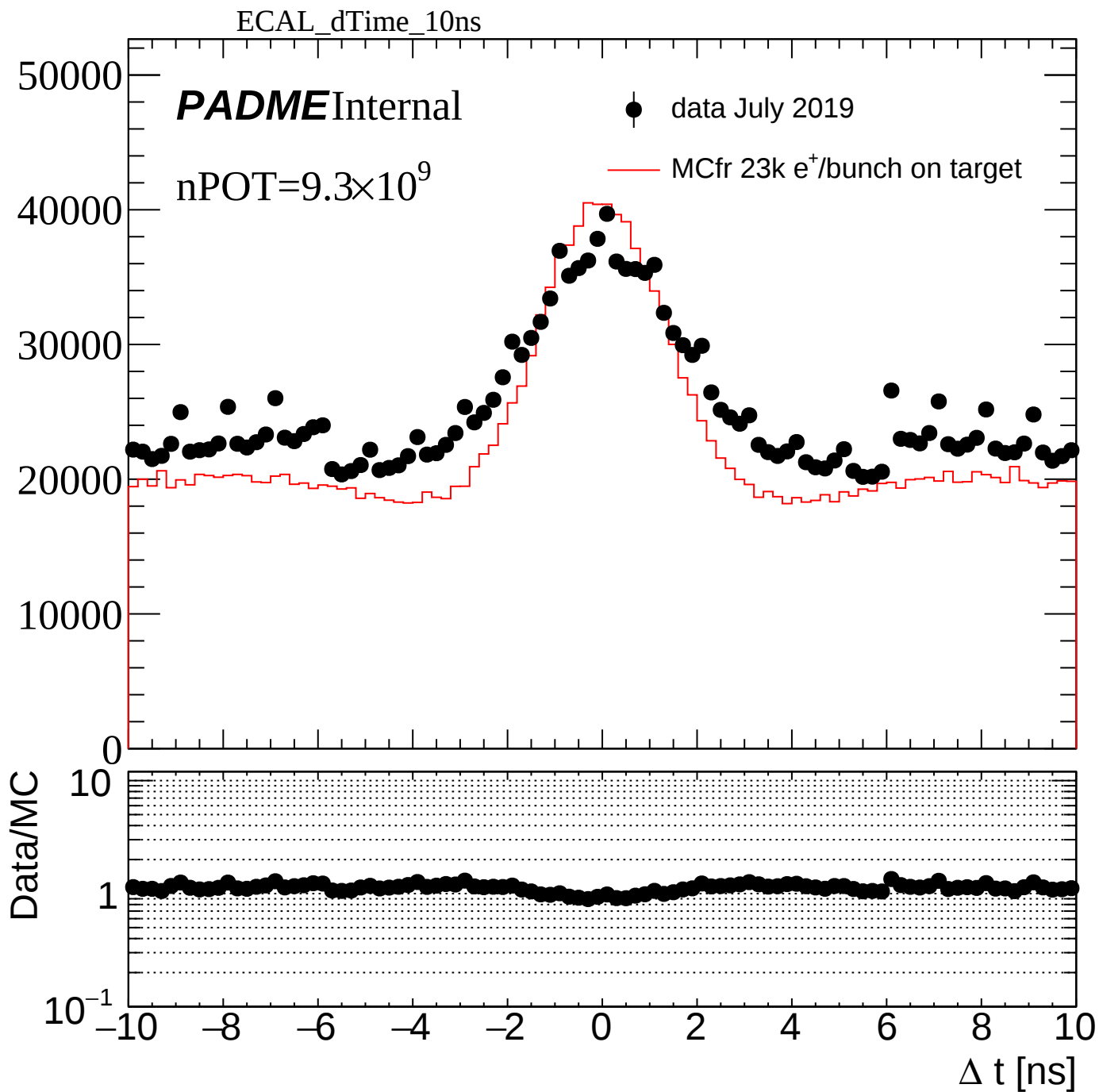




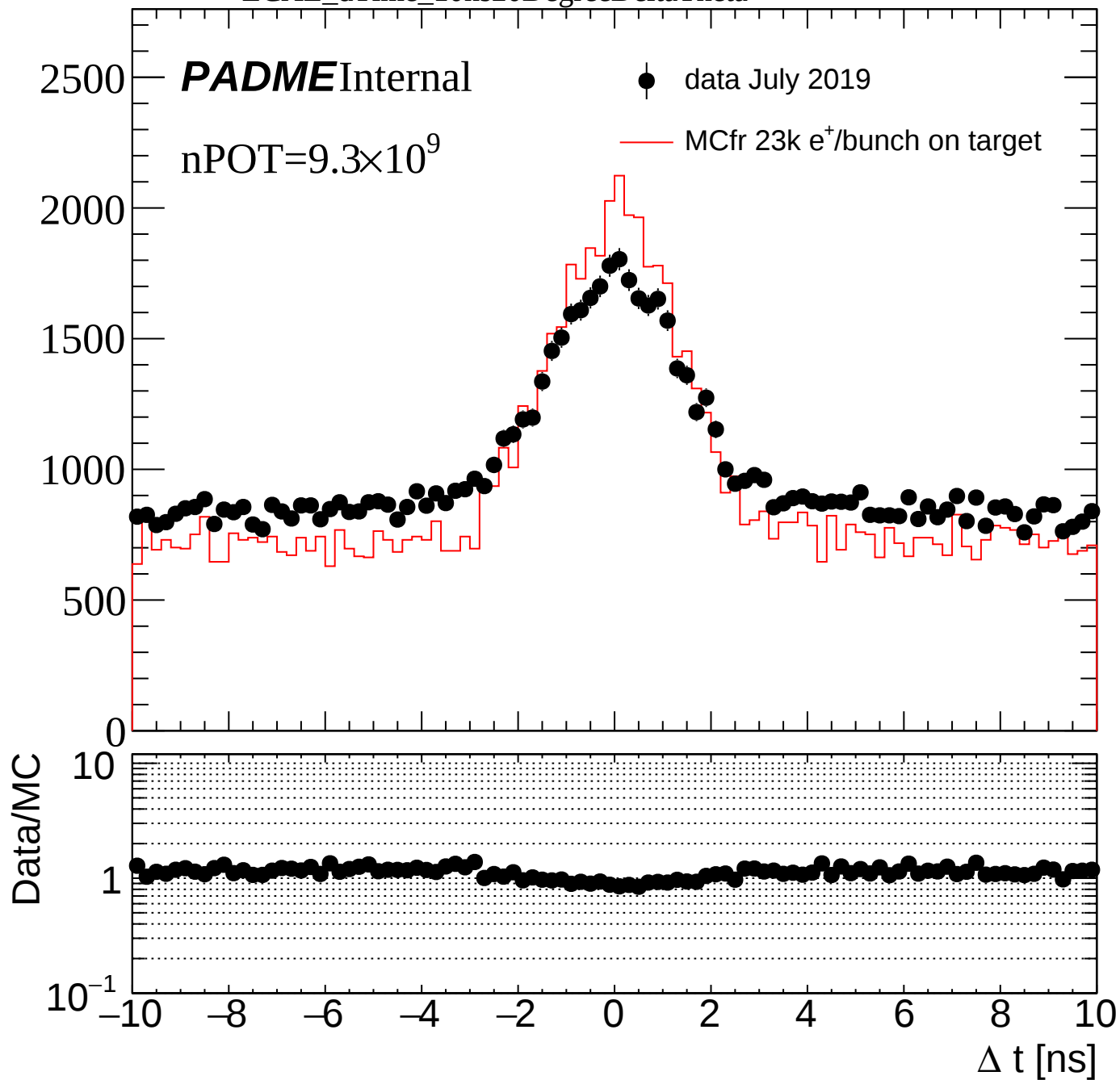




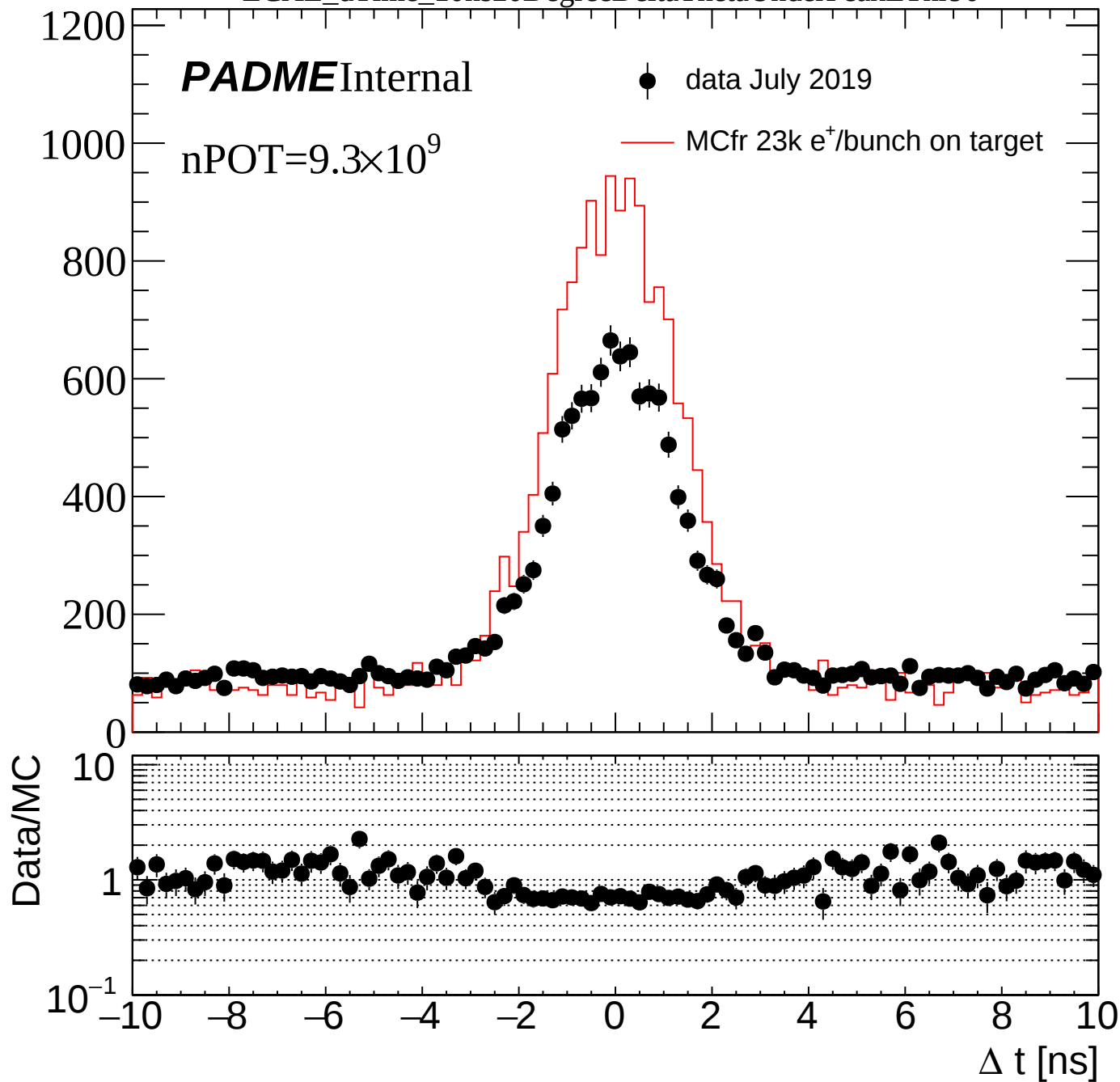




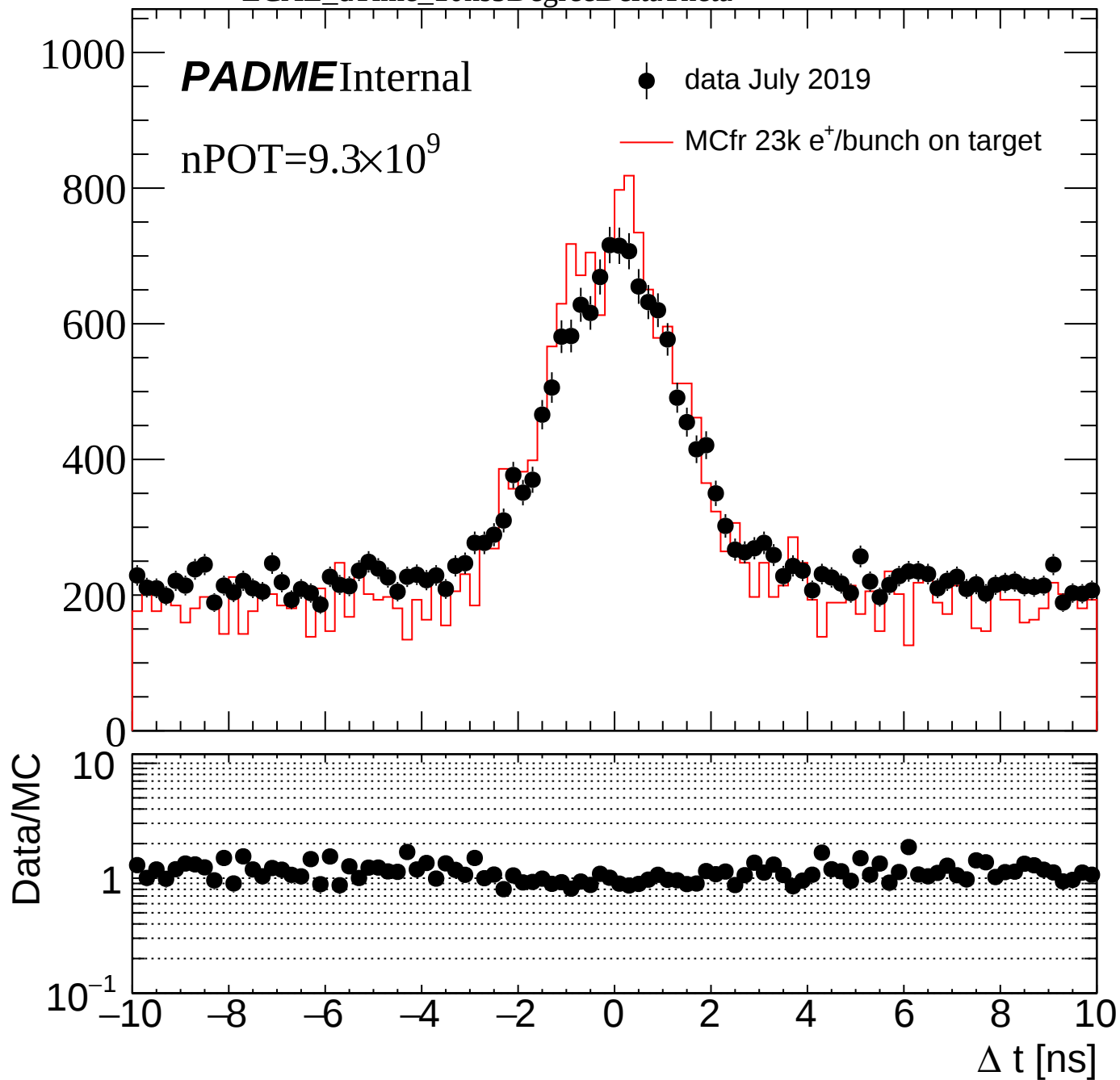
ECAL_dTime_10ns20DegreeDeltaTheta



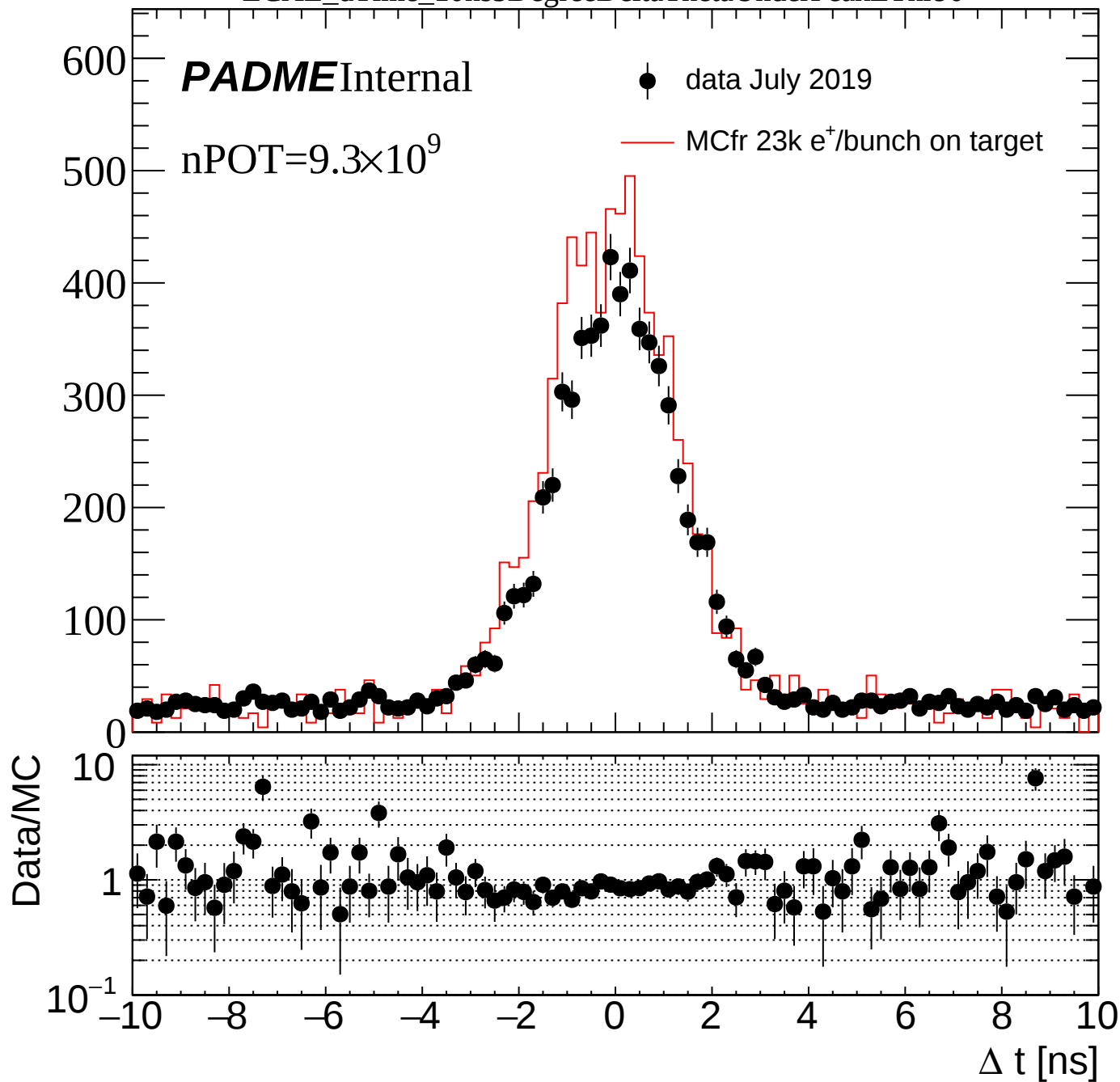
ECAL_dTime_10ns20DegreeDeltaThetaUnderPeakEThr90



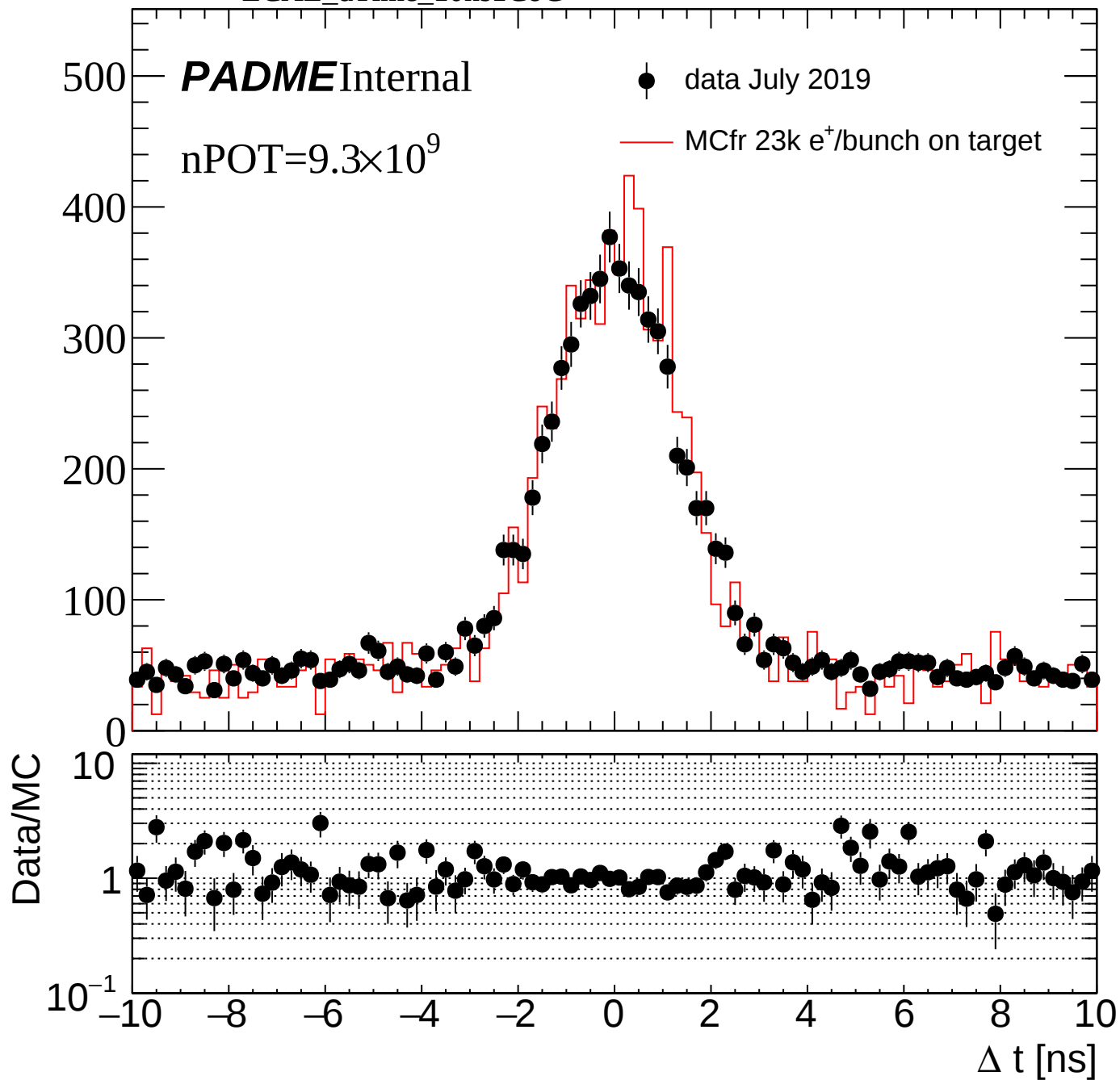
ECAL_dTime_10ns5DegreeDeltaTheta



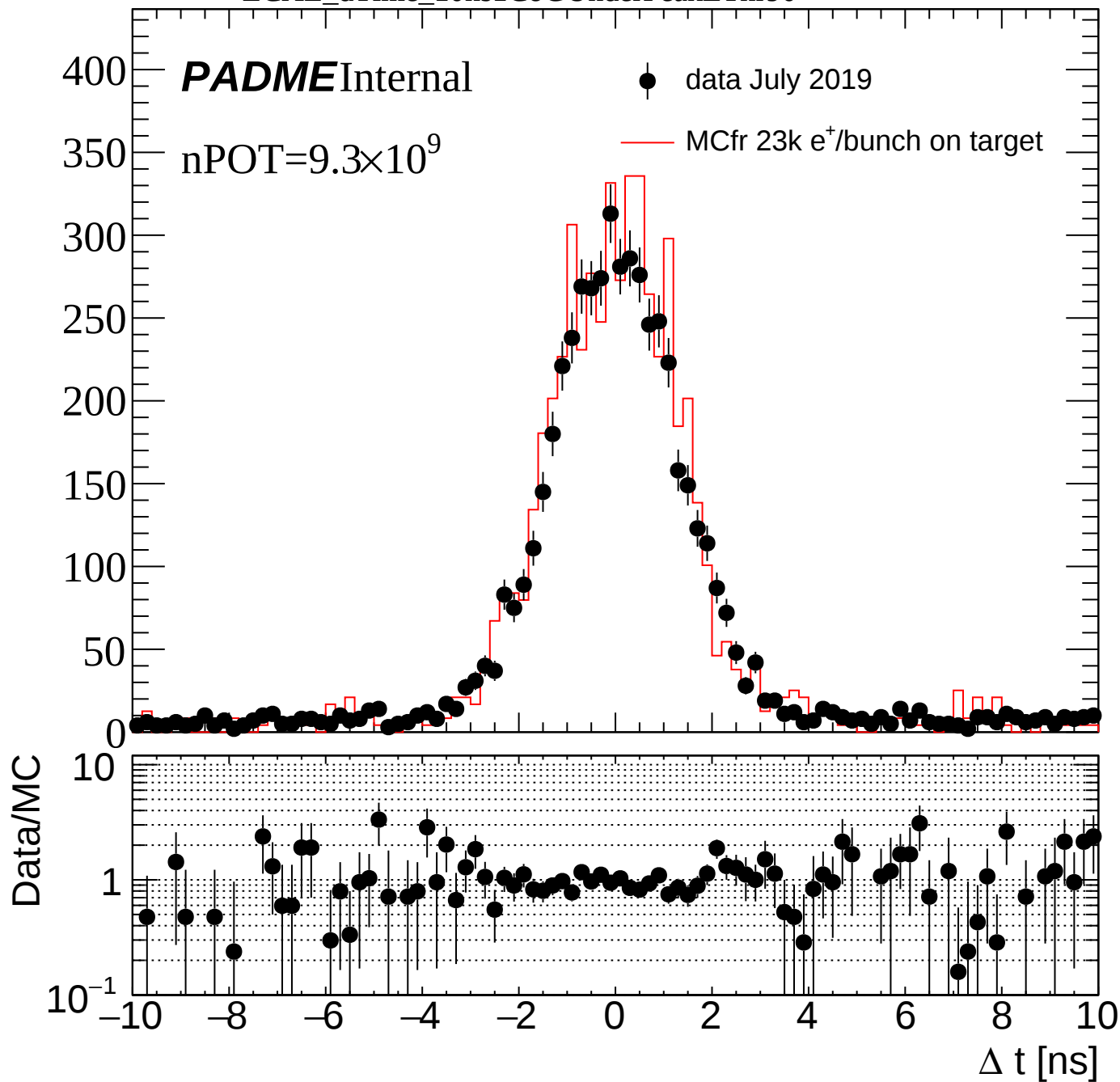
ECAL_dTime_10ns5DegreeDeltaThetaUnderPeakEThr90



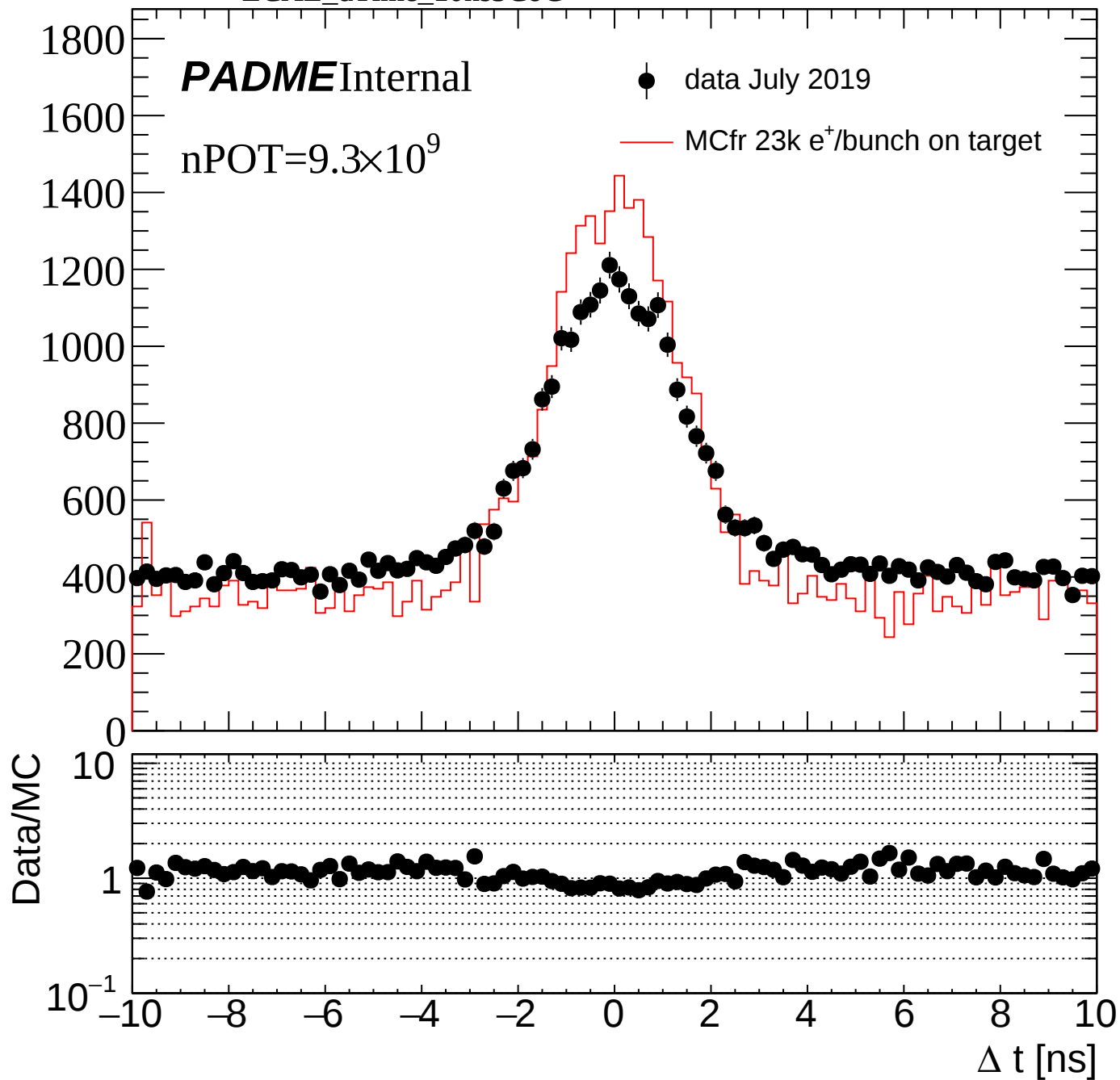
ECAL_dTime_10ns1CoG



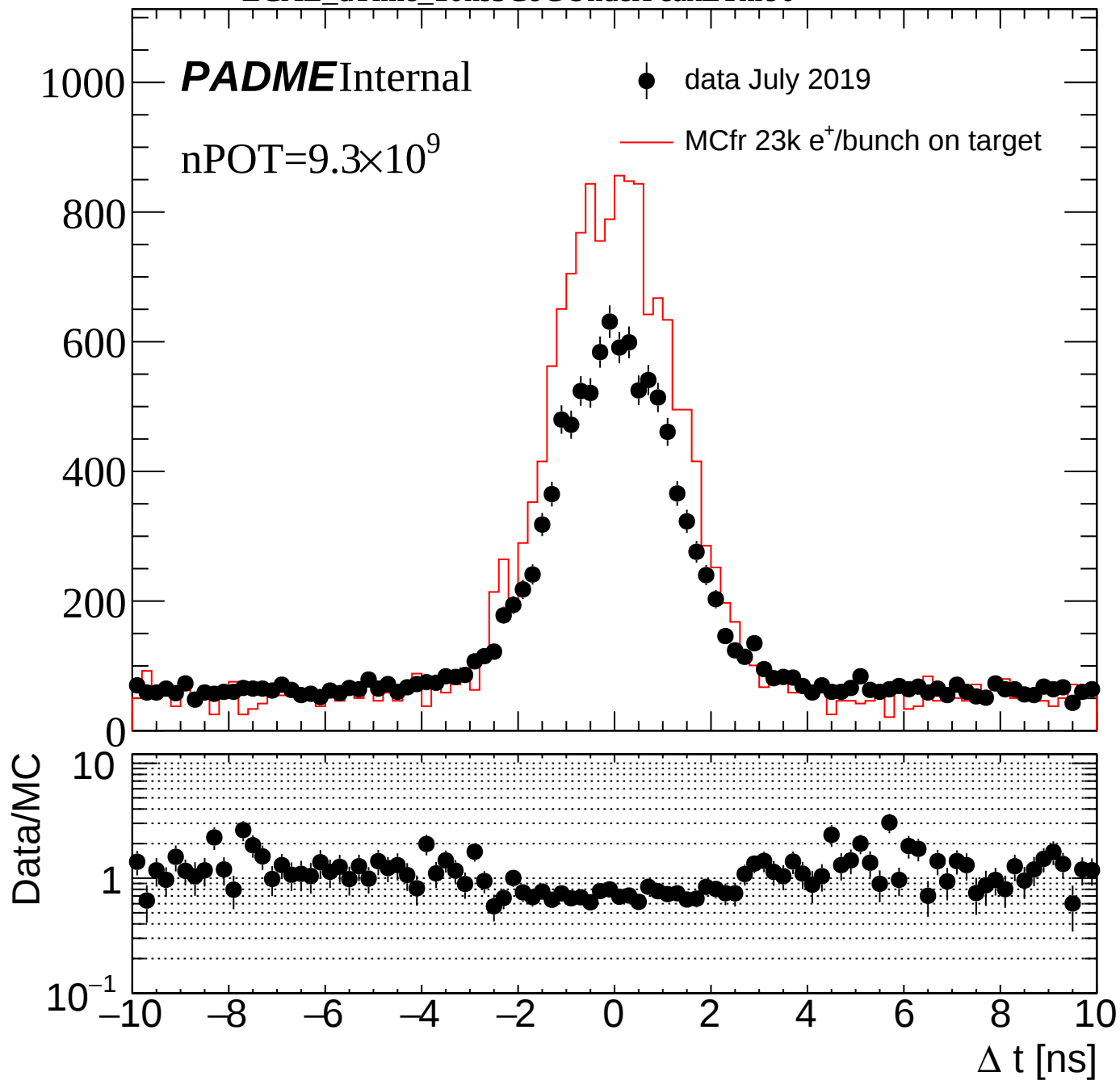
ECAL_dTime_10ns1CoGUnderPeakEThr90

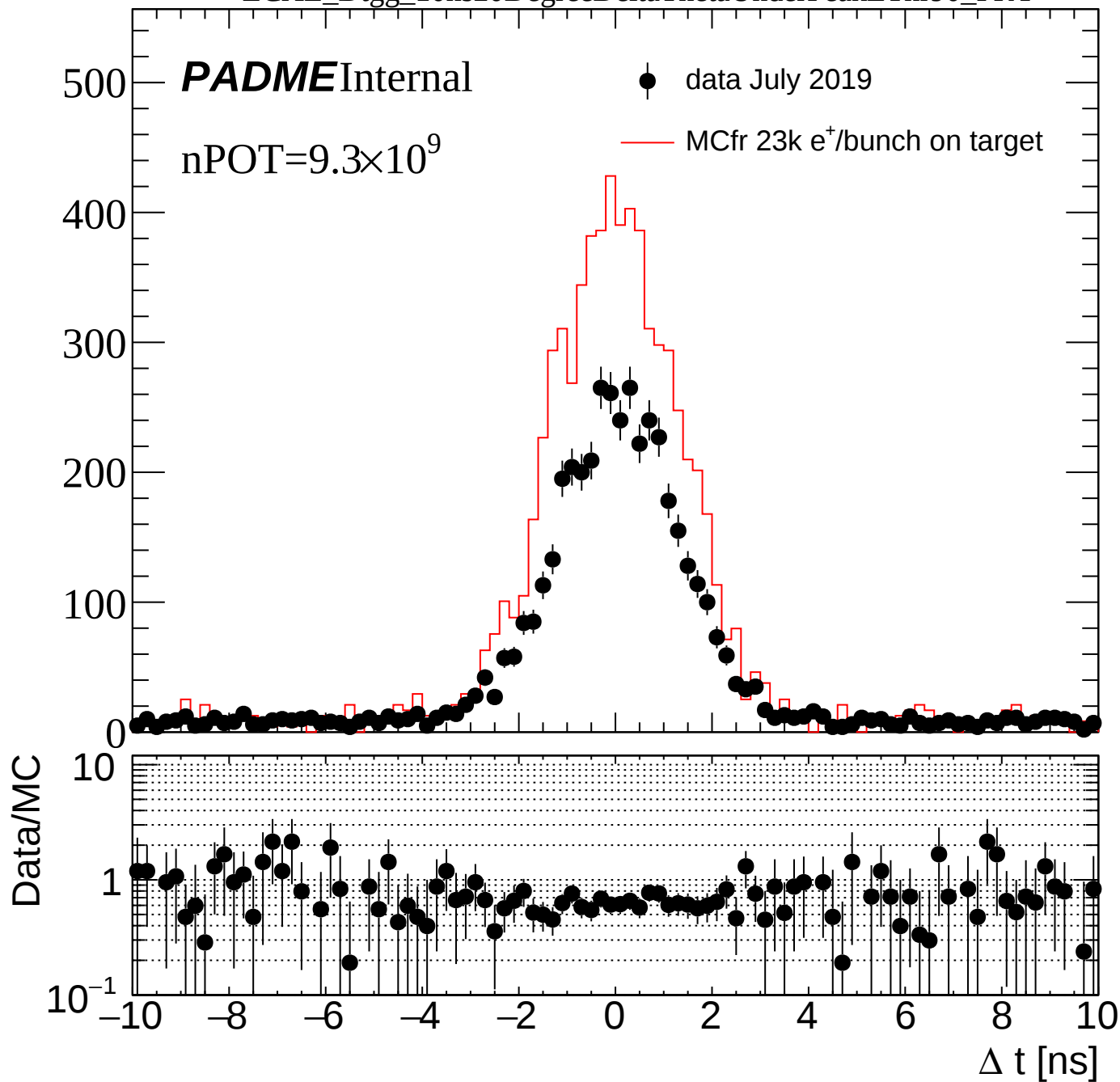


ECAL_dTime_10ns3CoG

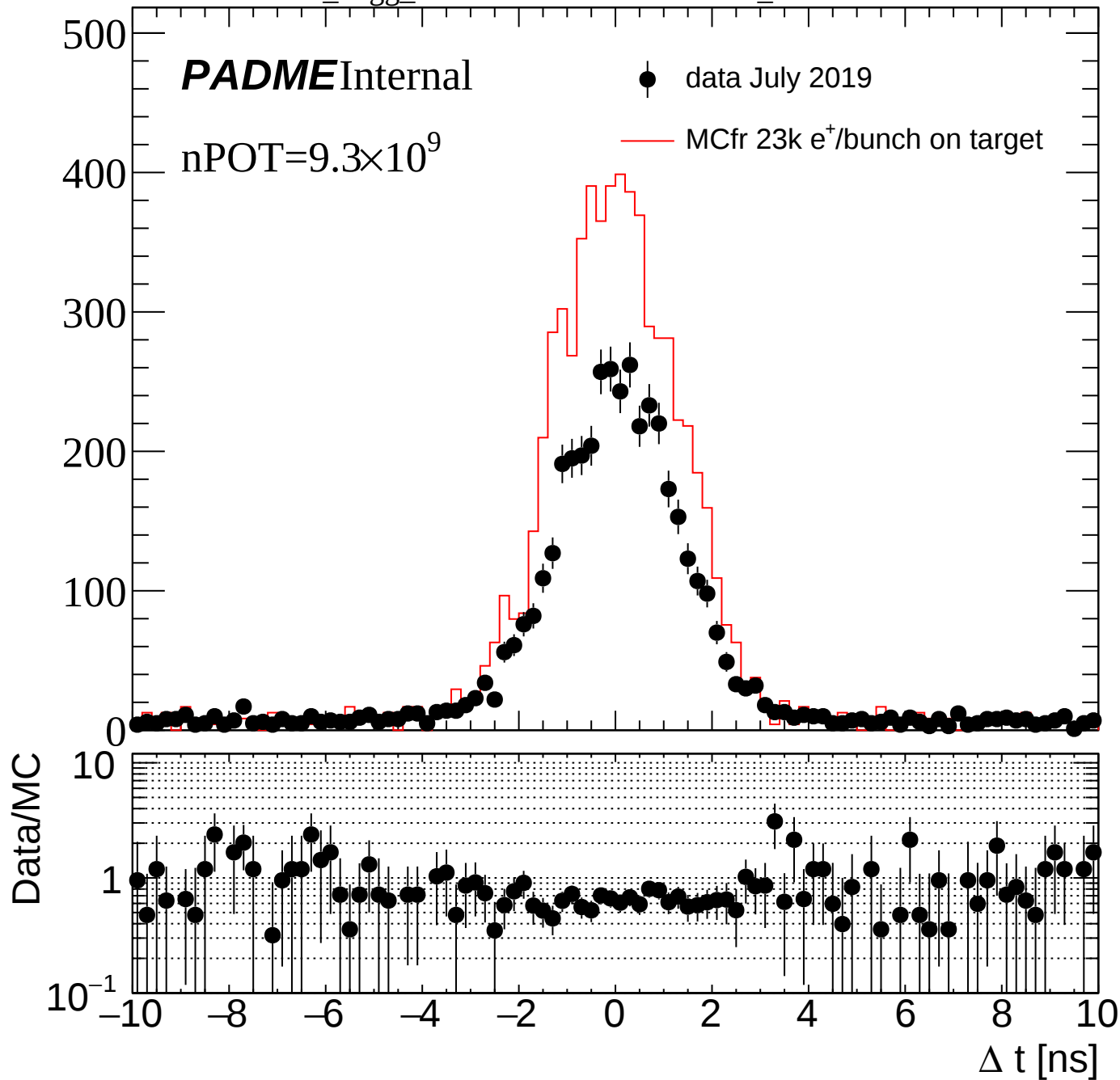


ECAL_dTime_10ns3CoGUnderPeakEThr90





ECAL_Dtgg_10ns3cmUnderPeakEThr90_FRY



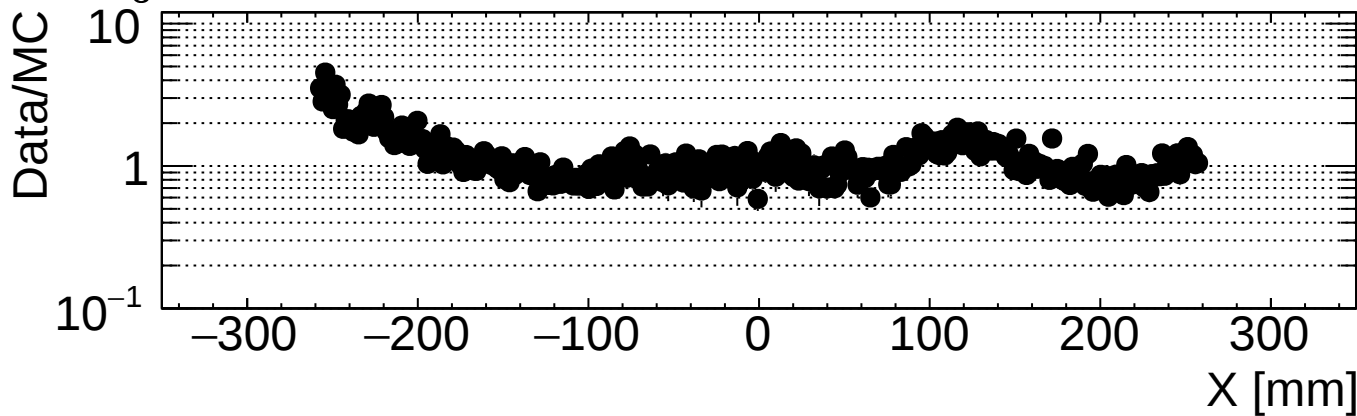
ECAL_Xgg_10ns20DegreeDeltaTheta

PADMEInternal

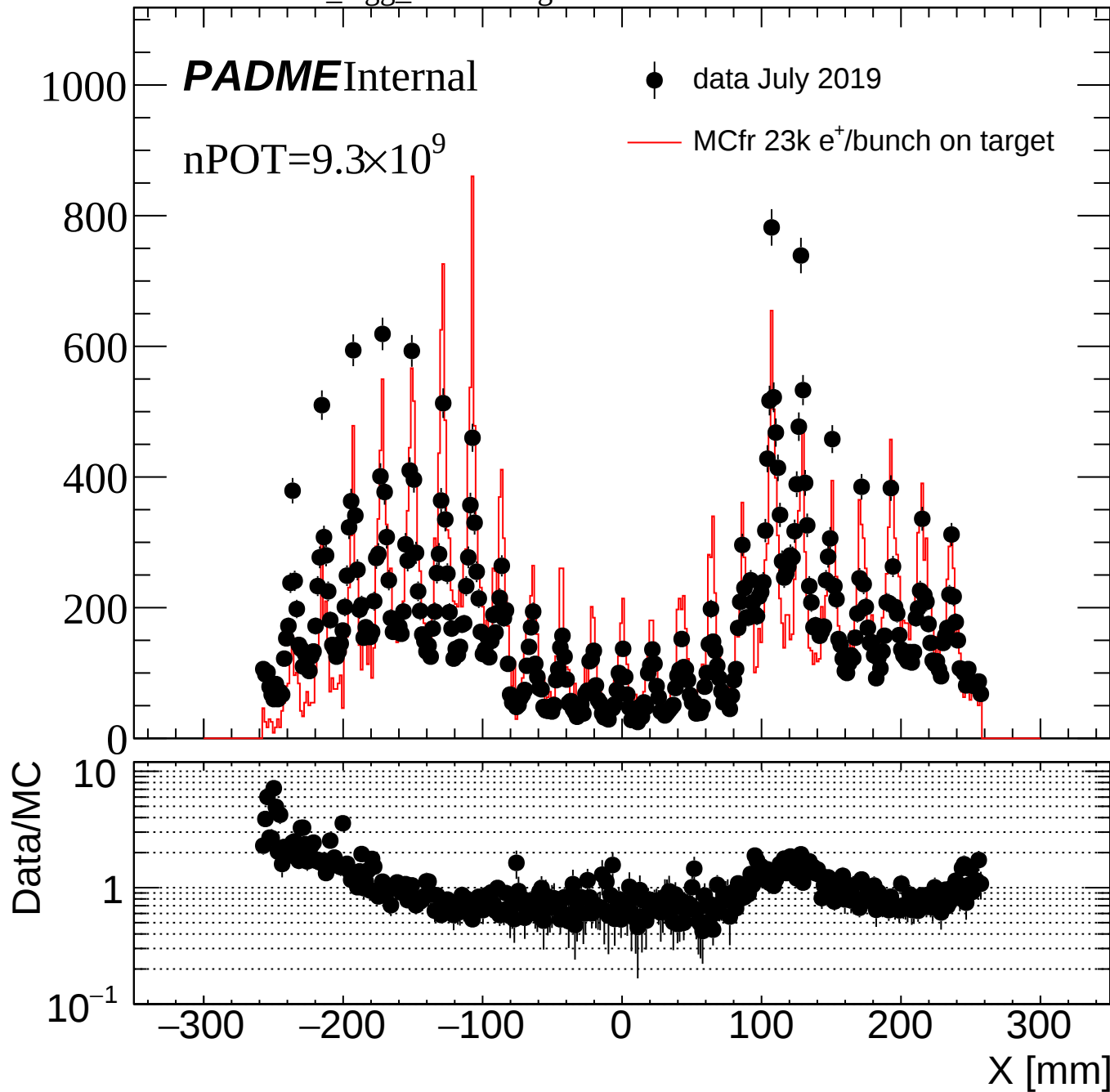
nPOT= 9.3×10^9

● data July 2019

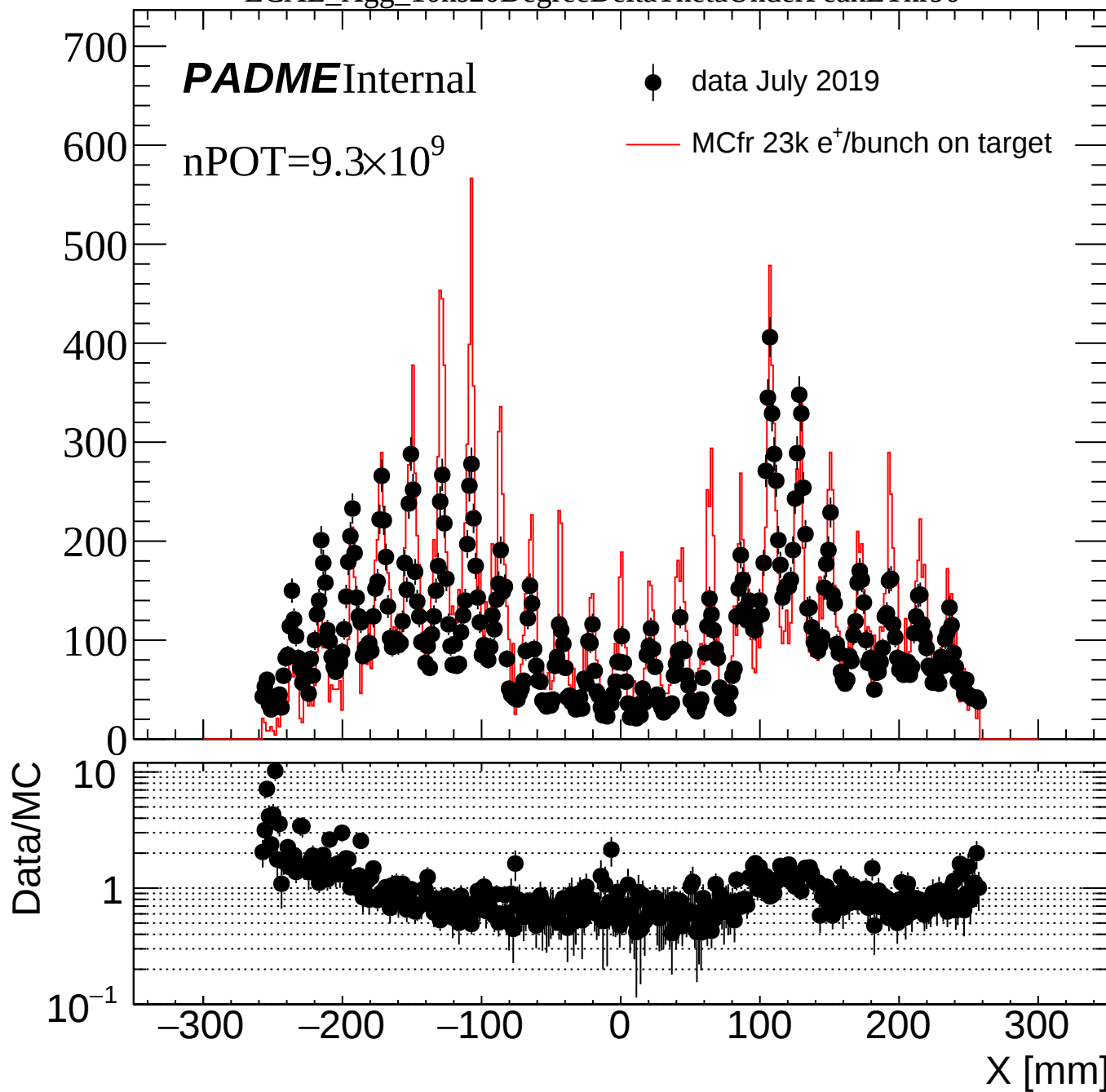
— MCfr 23k e⁺/bunch on target



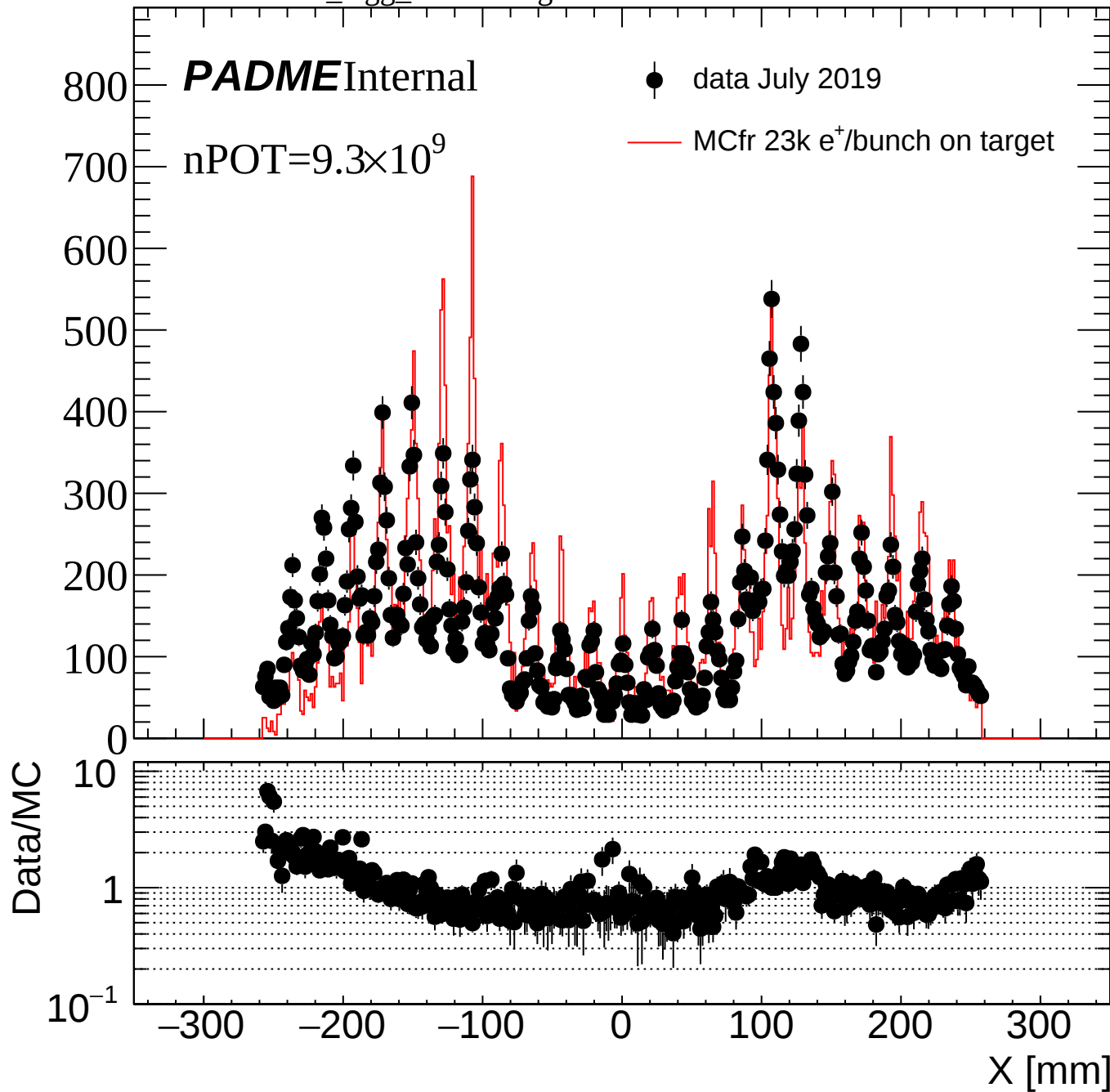
ECAL_Xgg_10ns20DegreeDeltaThetaUnderPeak



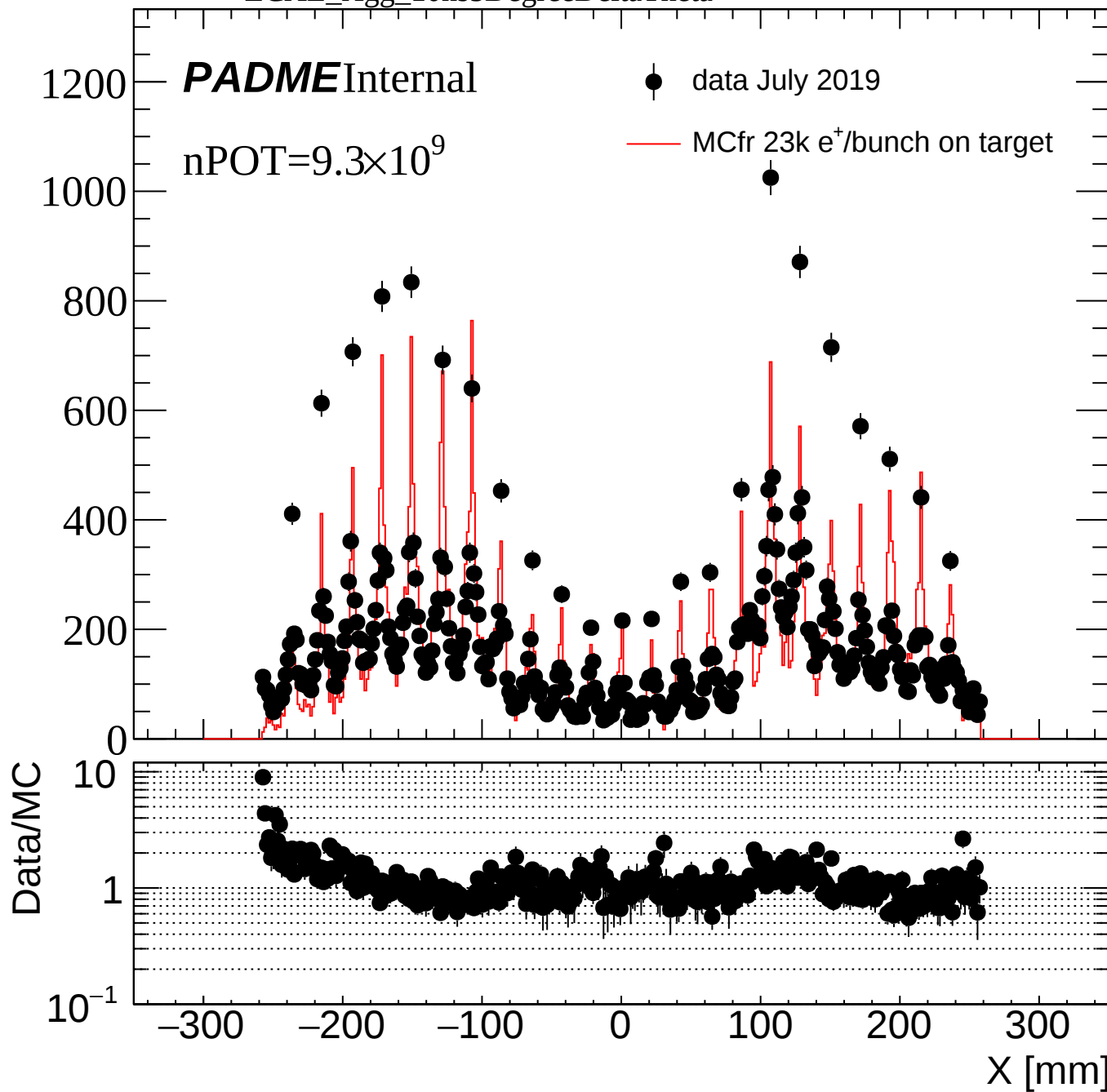
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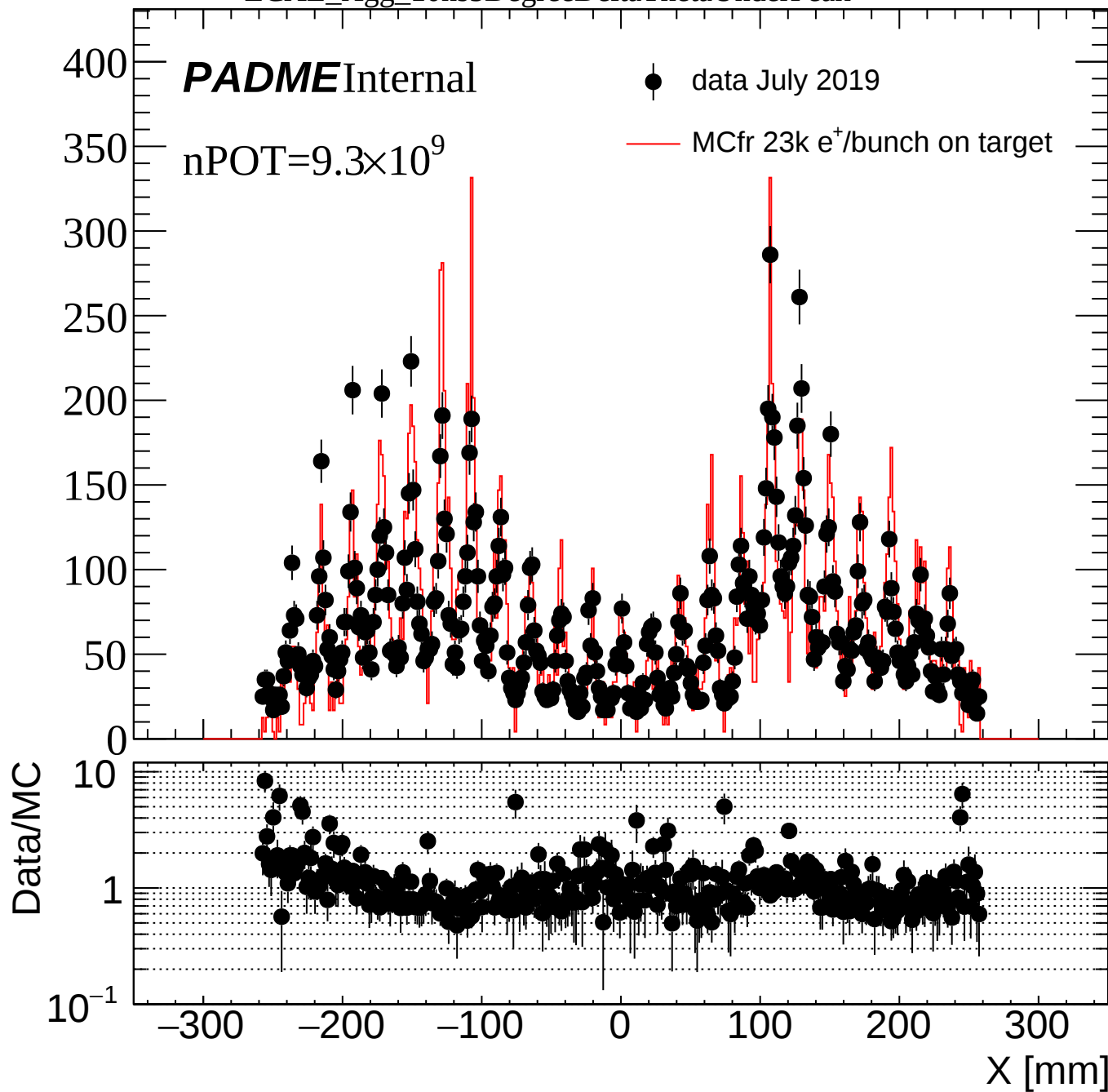
ECAL_Xgg_10ns20DegreeDeltaThetaEThr90



ECAL_Xgg_10ns5DegreeDeltaTheta



ECAL_Xgg_10ns5DegreeDeltaThetaUnderPeak



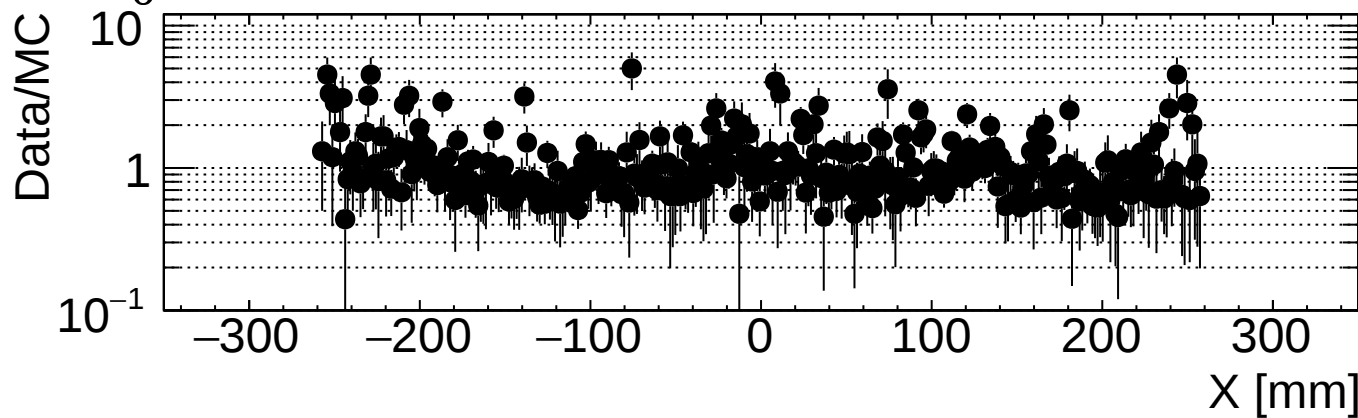
ECAL_Xgg_10ns5DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

$nPOT=9.3 \times 10^9$

● data July 2019

— MCfr 23k e⁺/bunch on target



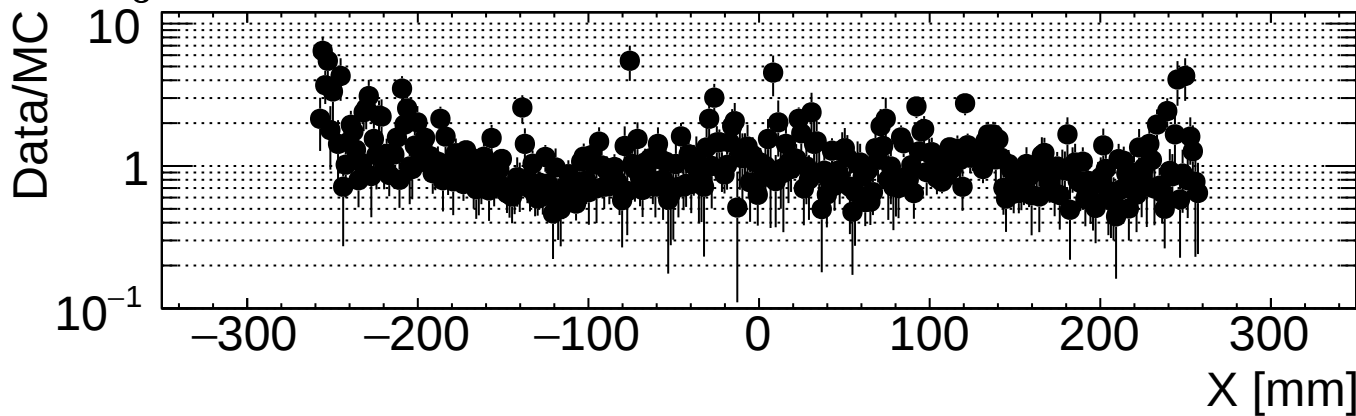
ECAL_Xgg_10ns5DegreeDeltaThetaEThr90

PADMEInternal

$n\text{POT}=9.3\times 10^9$

● data July 2019

— MCfr 23k e⁺/bunch on target



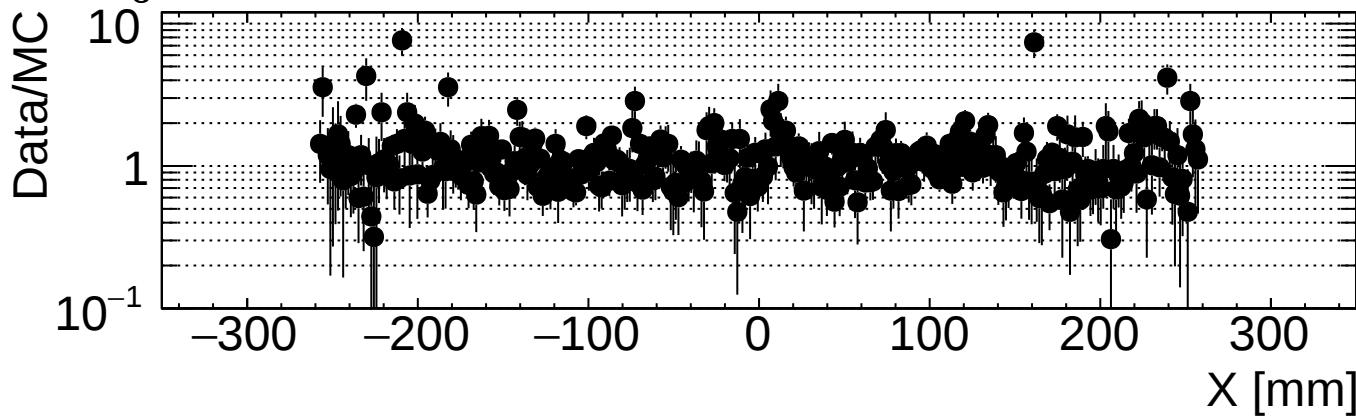
ECAL_Xgg_10ns1CoG

PADMEInternal

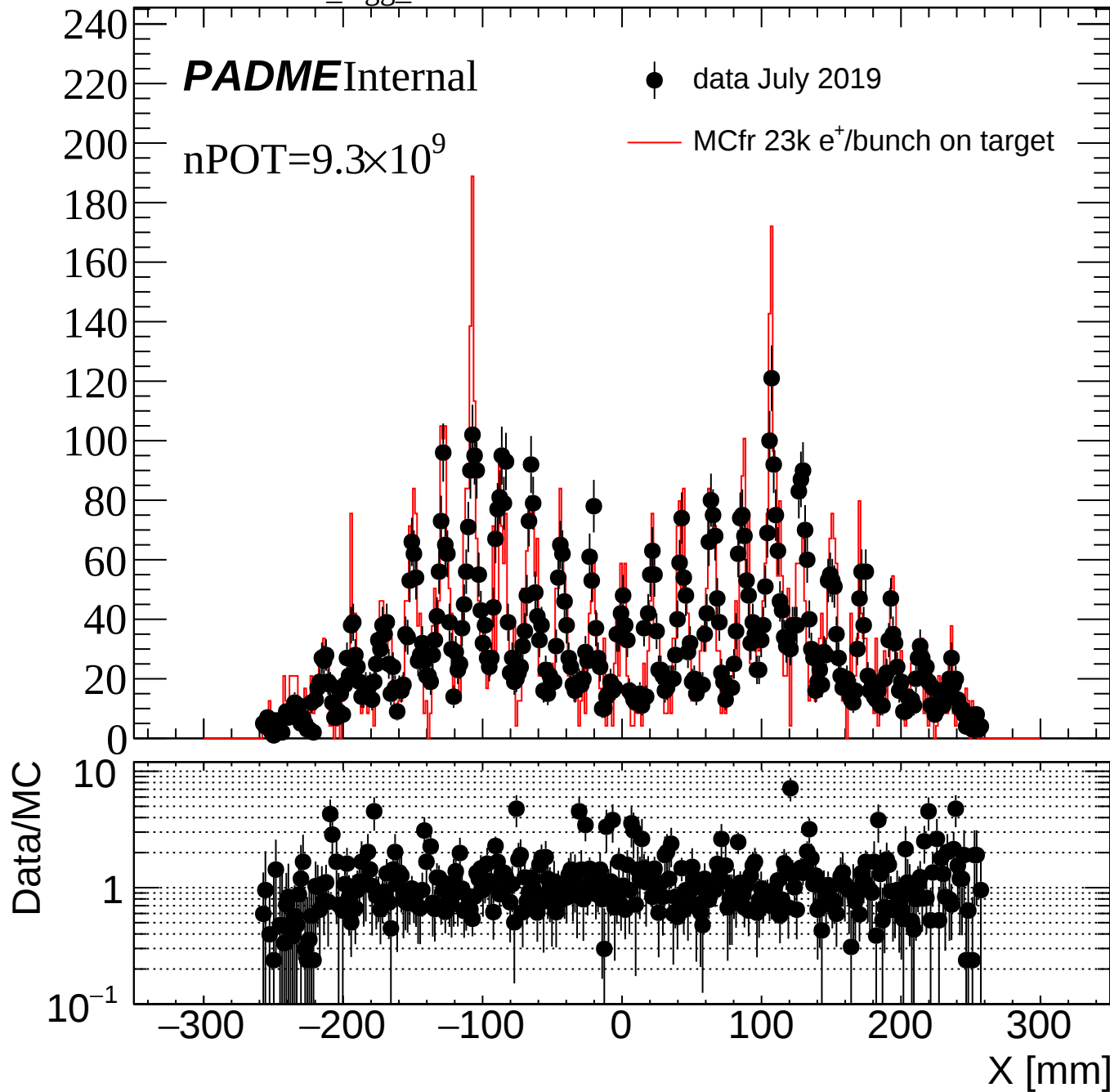
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● data July 2019

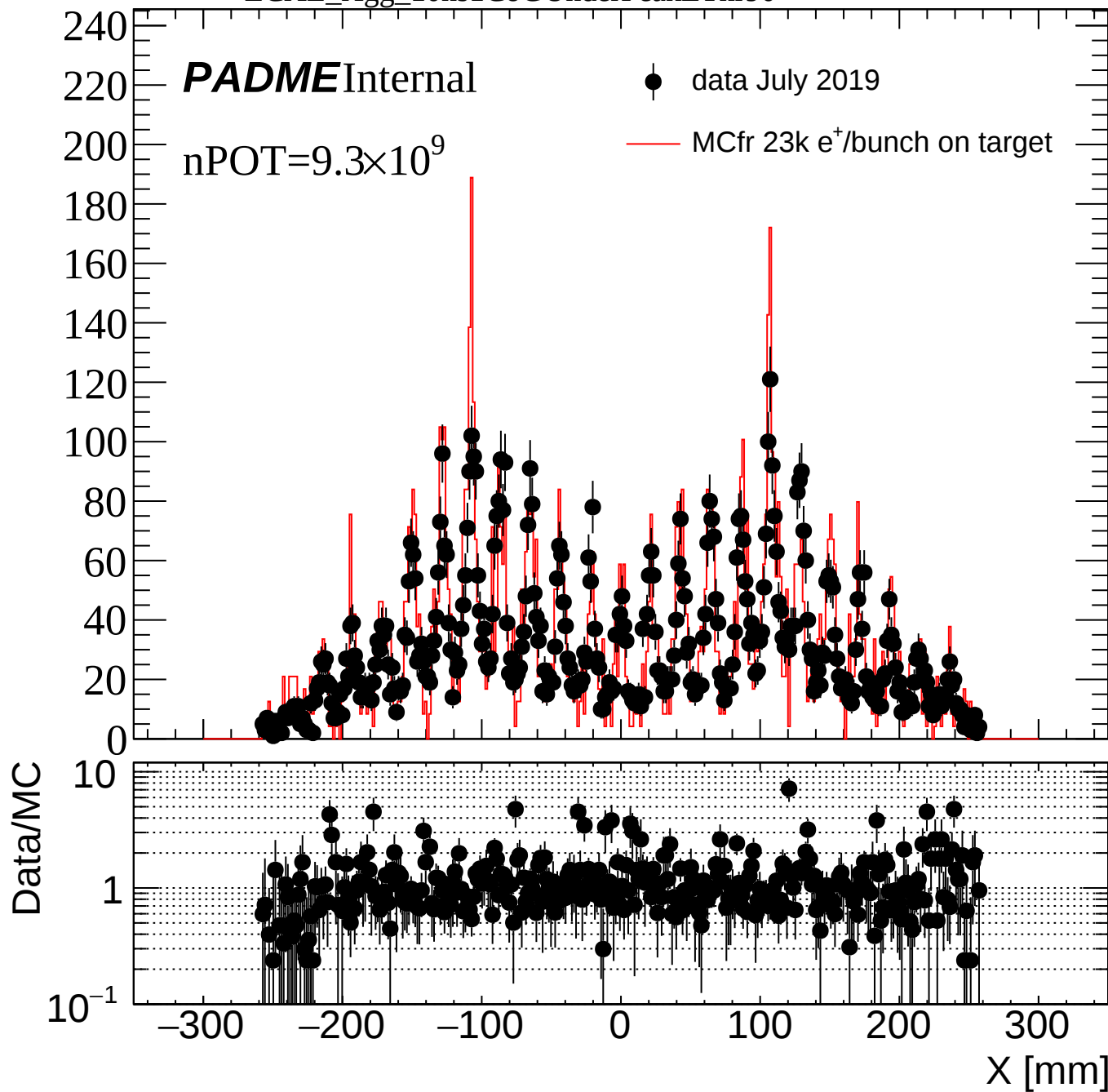
— MCfr 23k e⁺/bunch on target

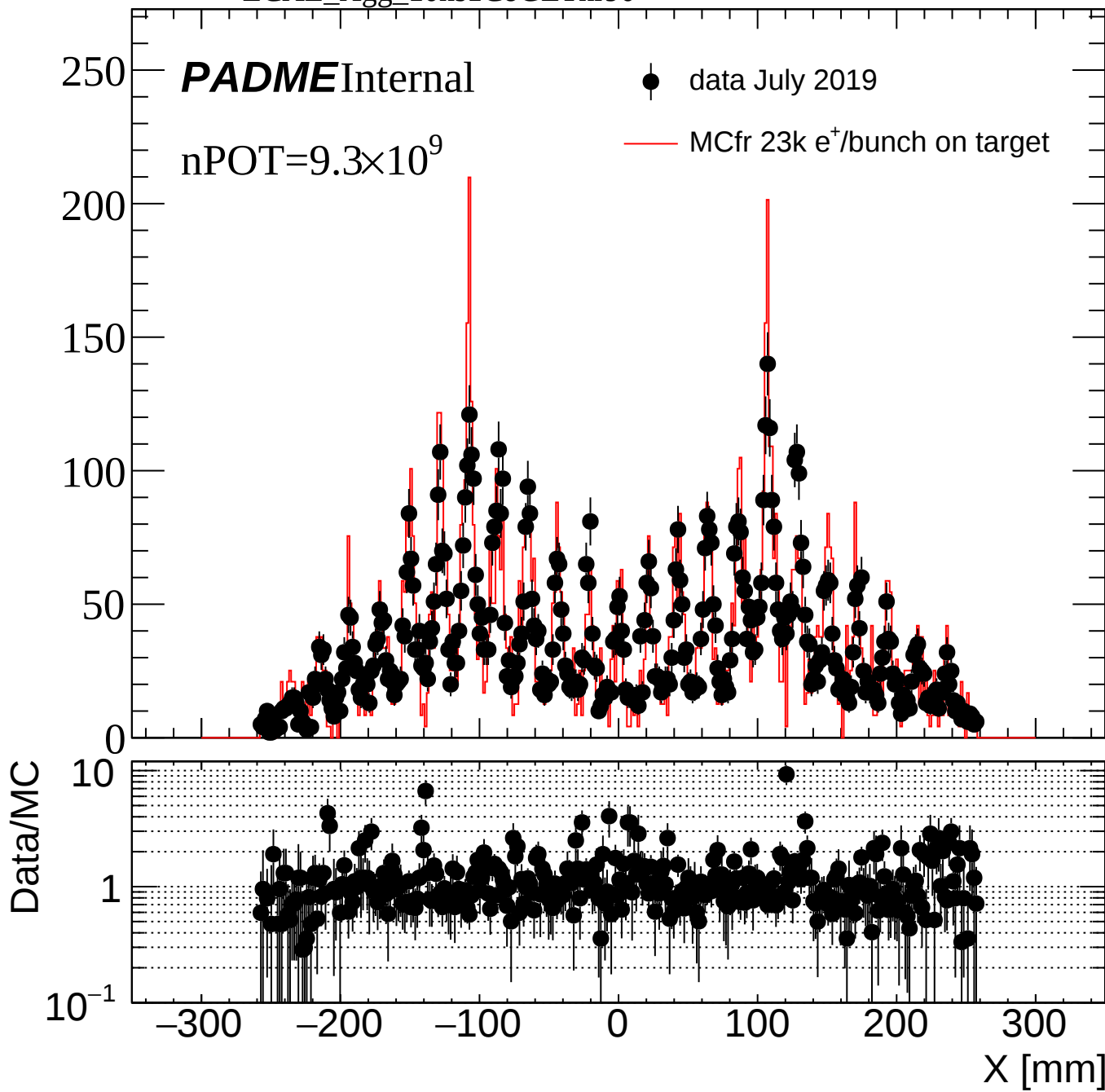


ECAL_Xgg_10ns1CoGUnderPeak

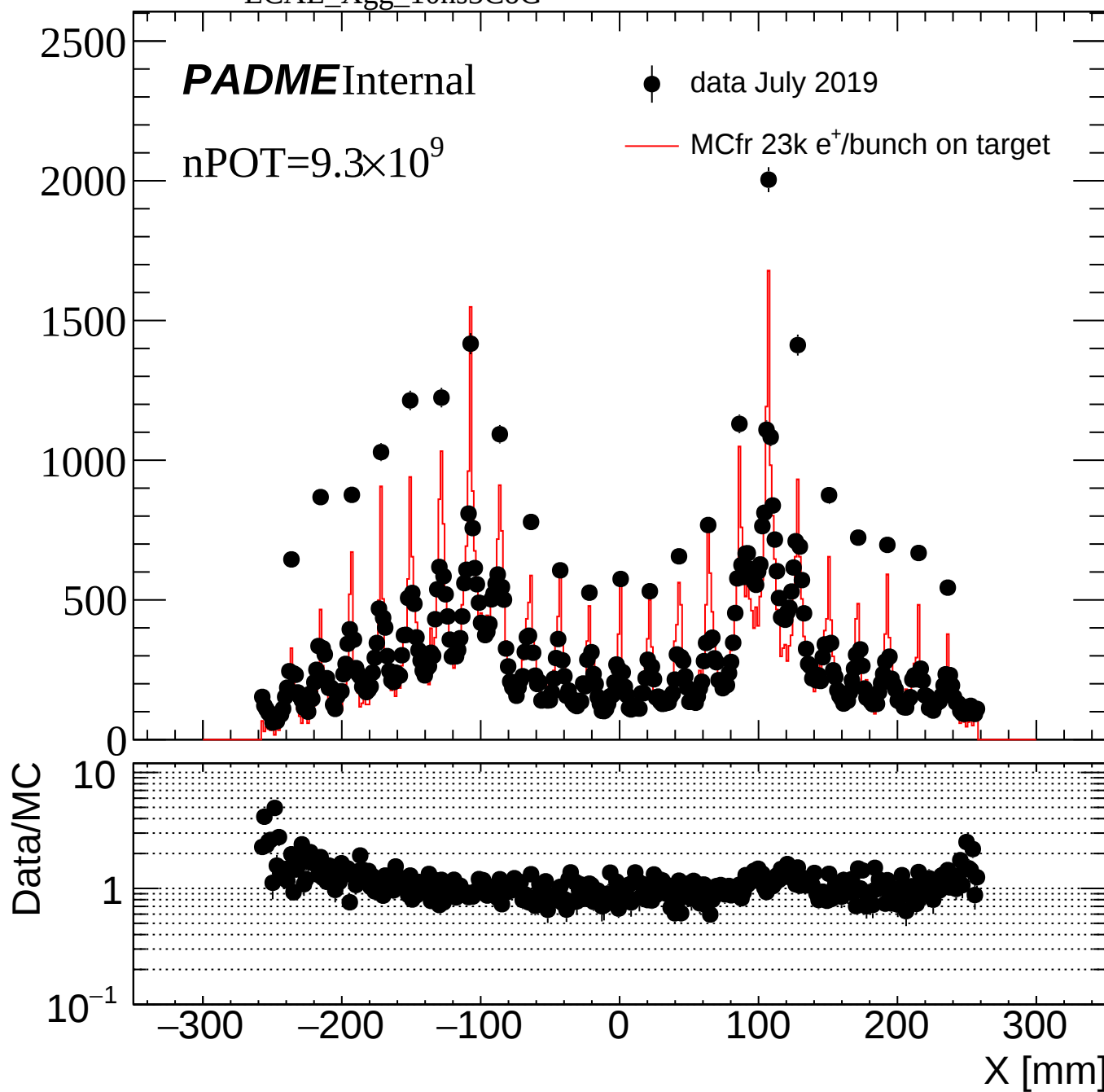


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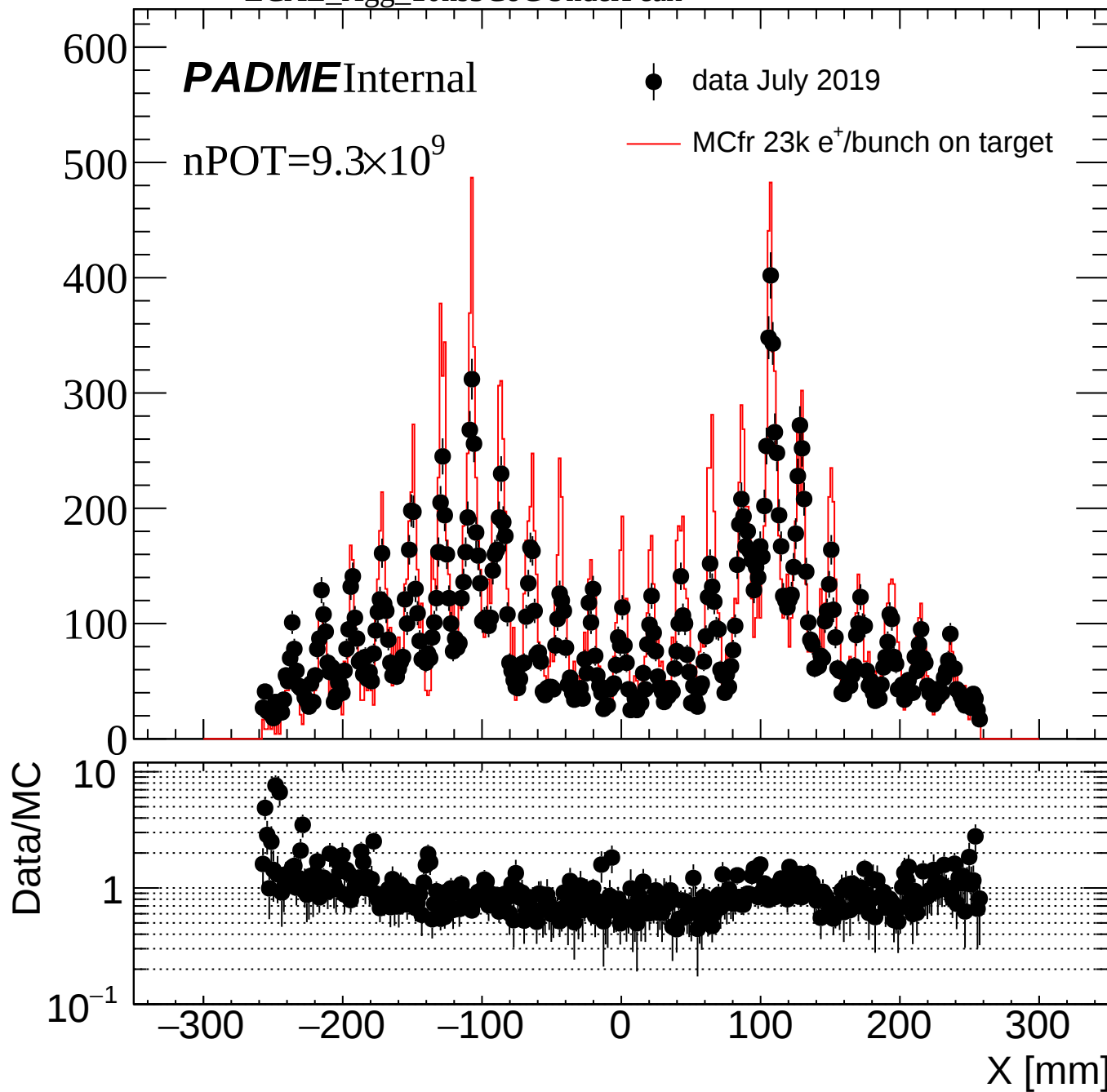




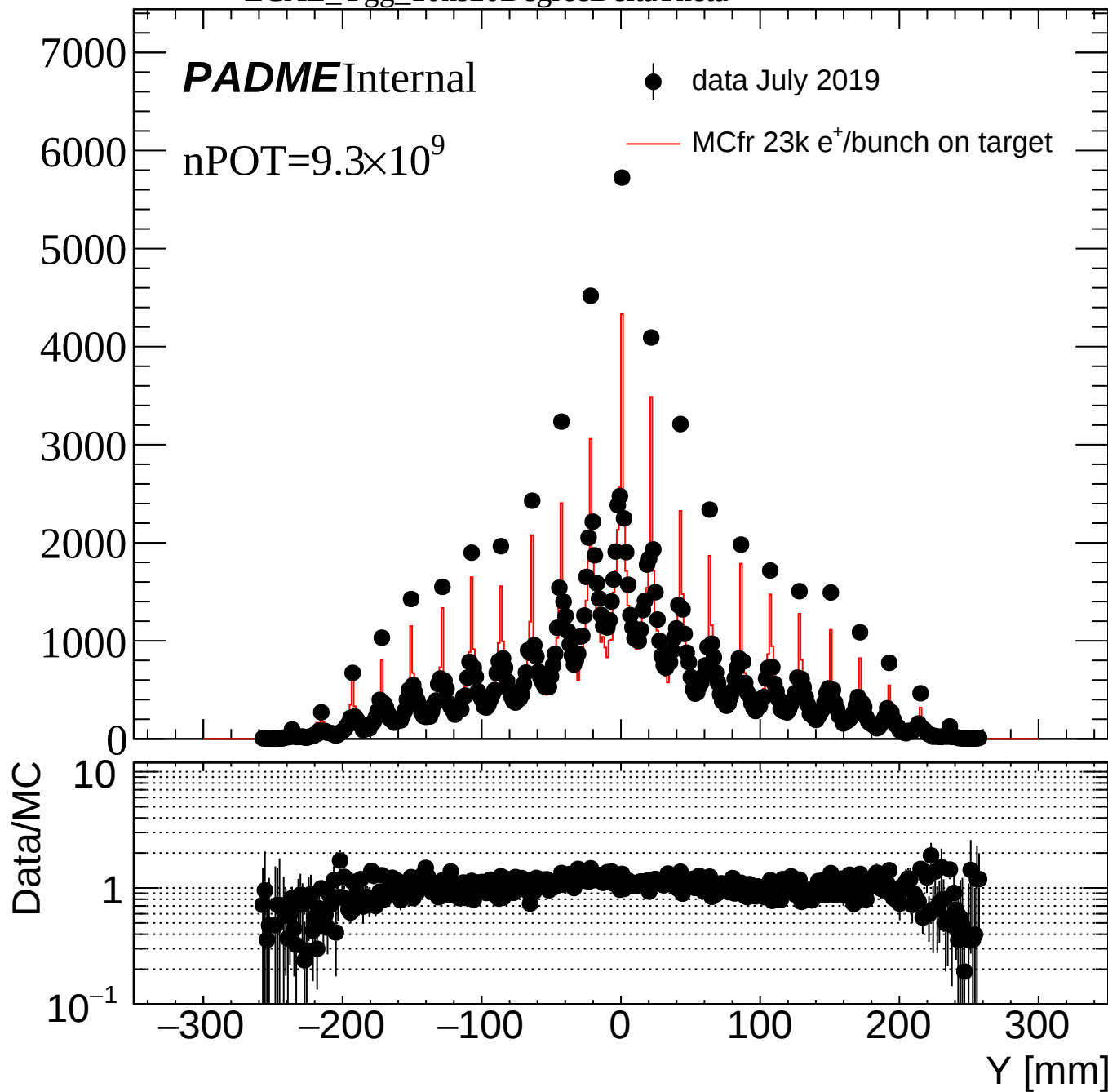
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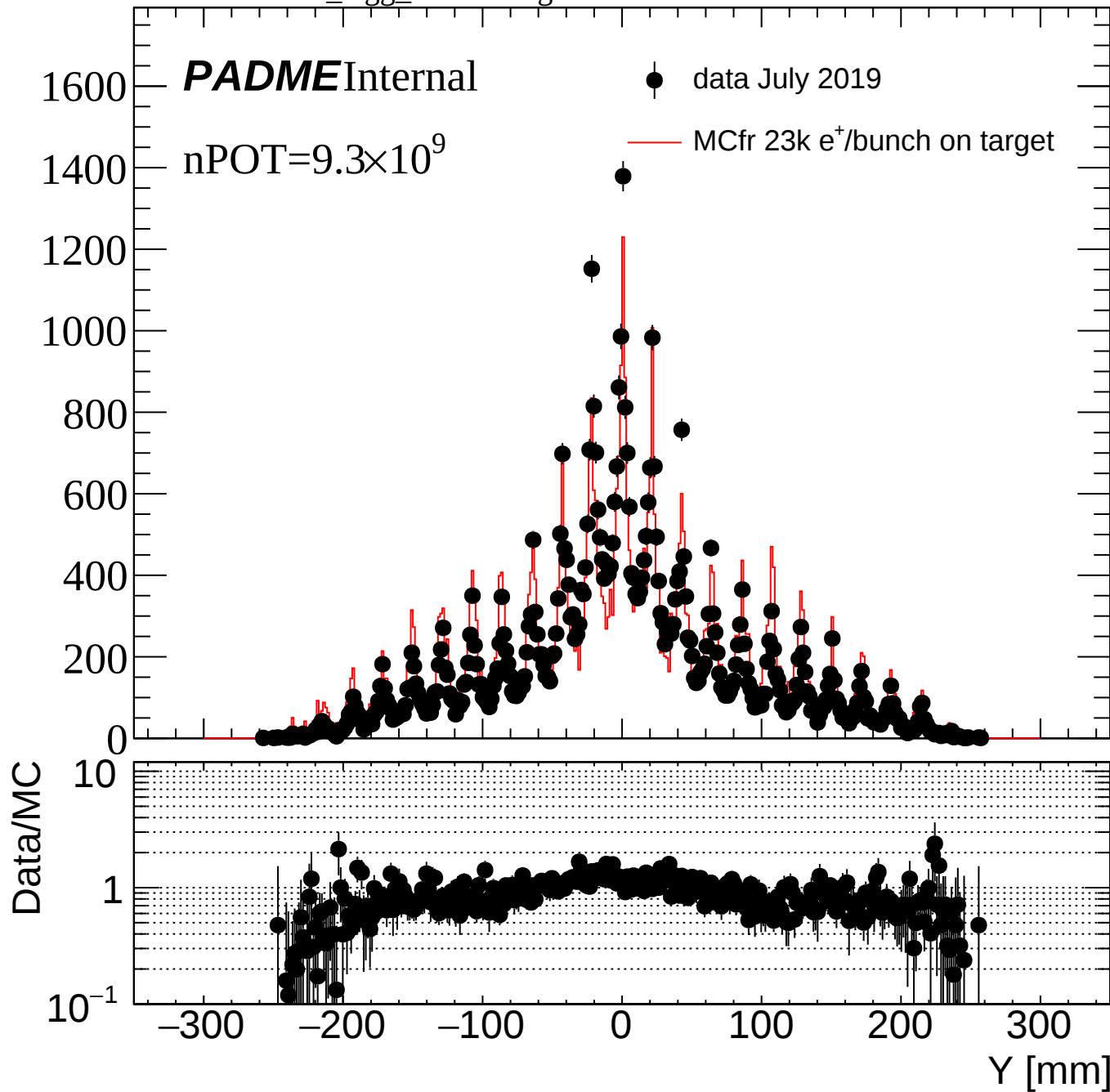
ECAL_Xgg_10ns3CoGUnderPeak



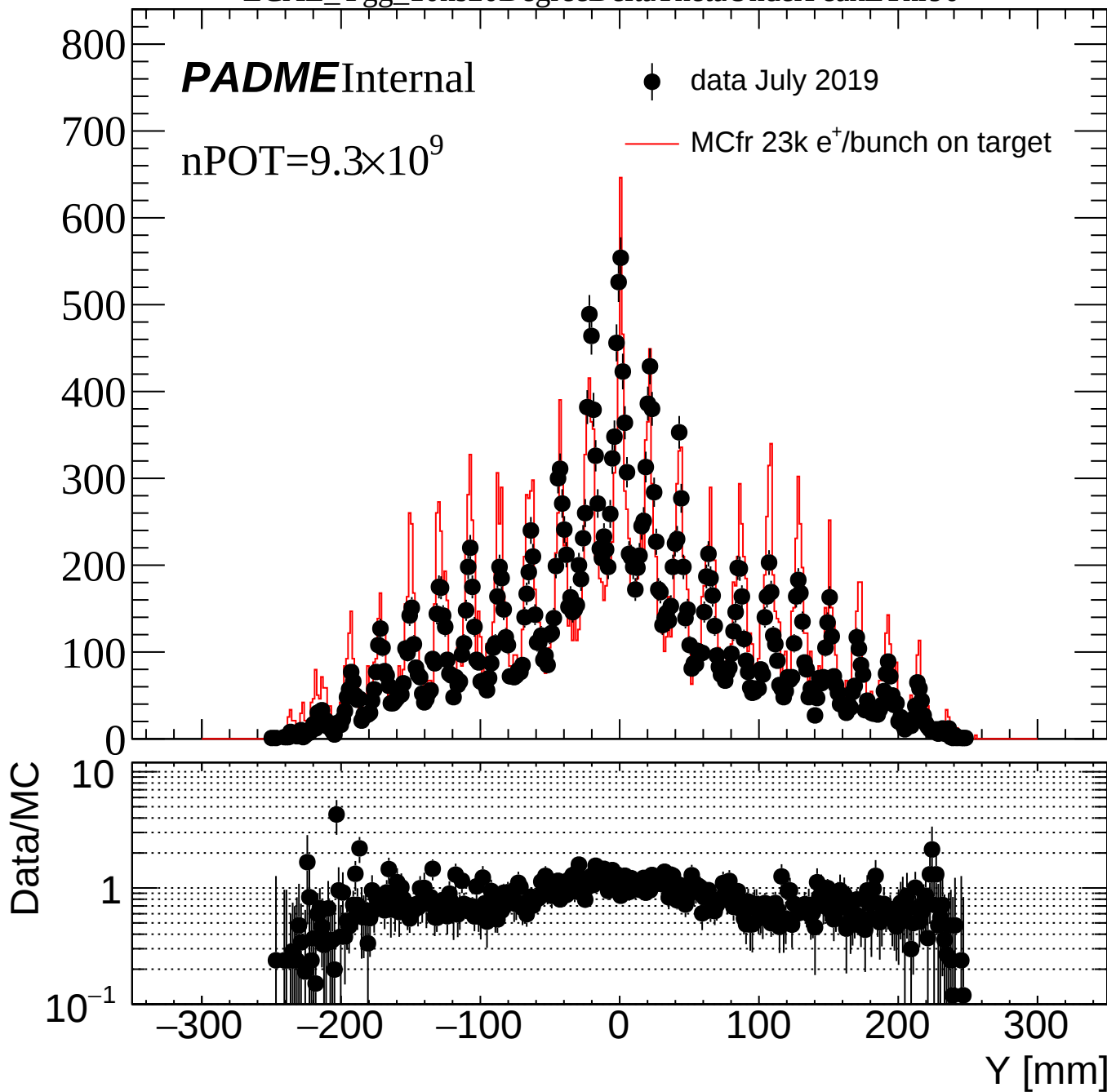
ECAL_Ygg_10ns20DegreeDeltaTheta



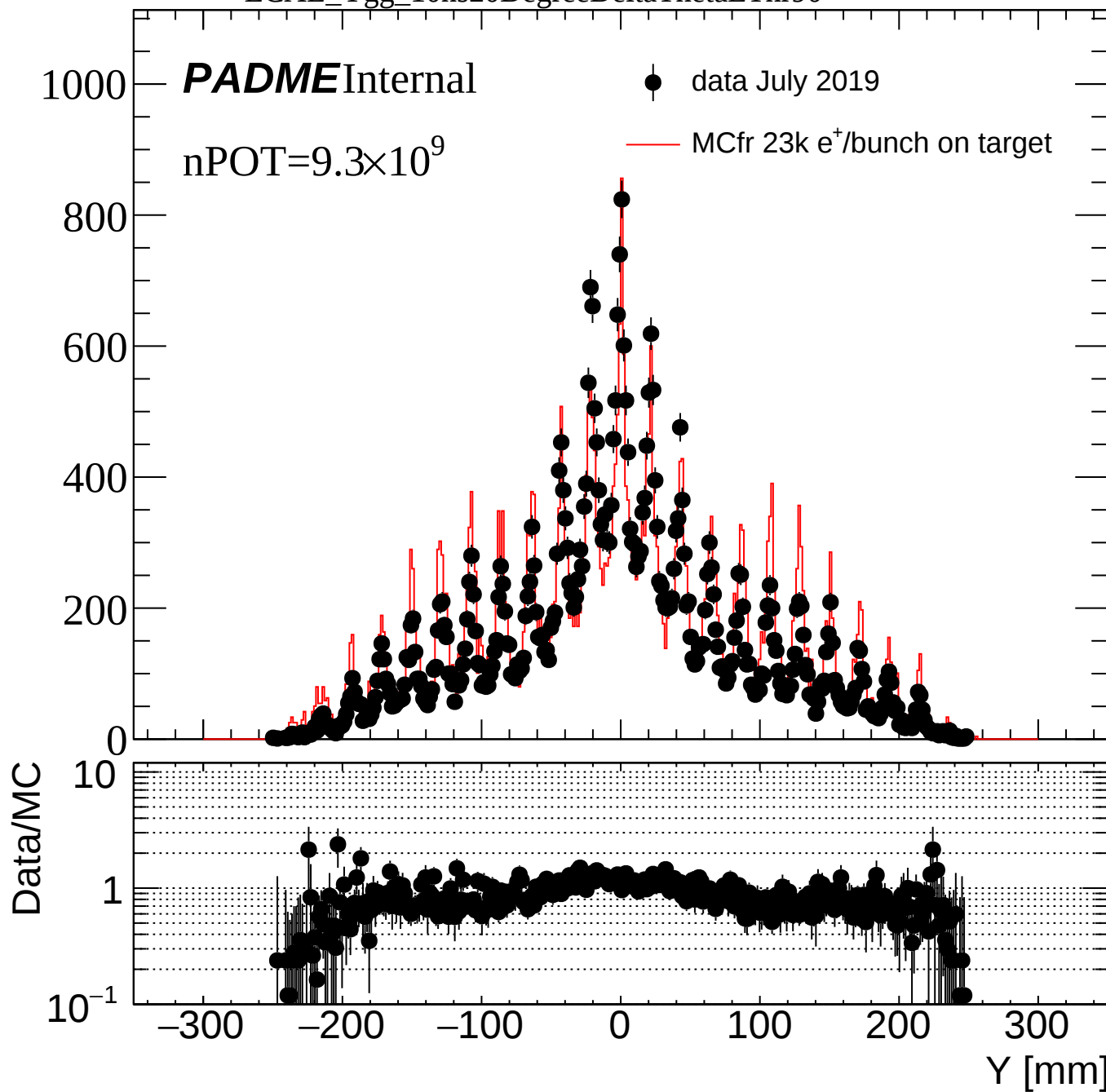
ECAL_Ygg_10ns20DegreeDeltaThetaUnderPeak



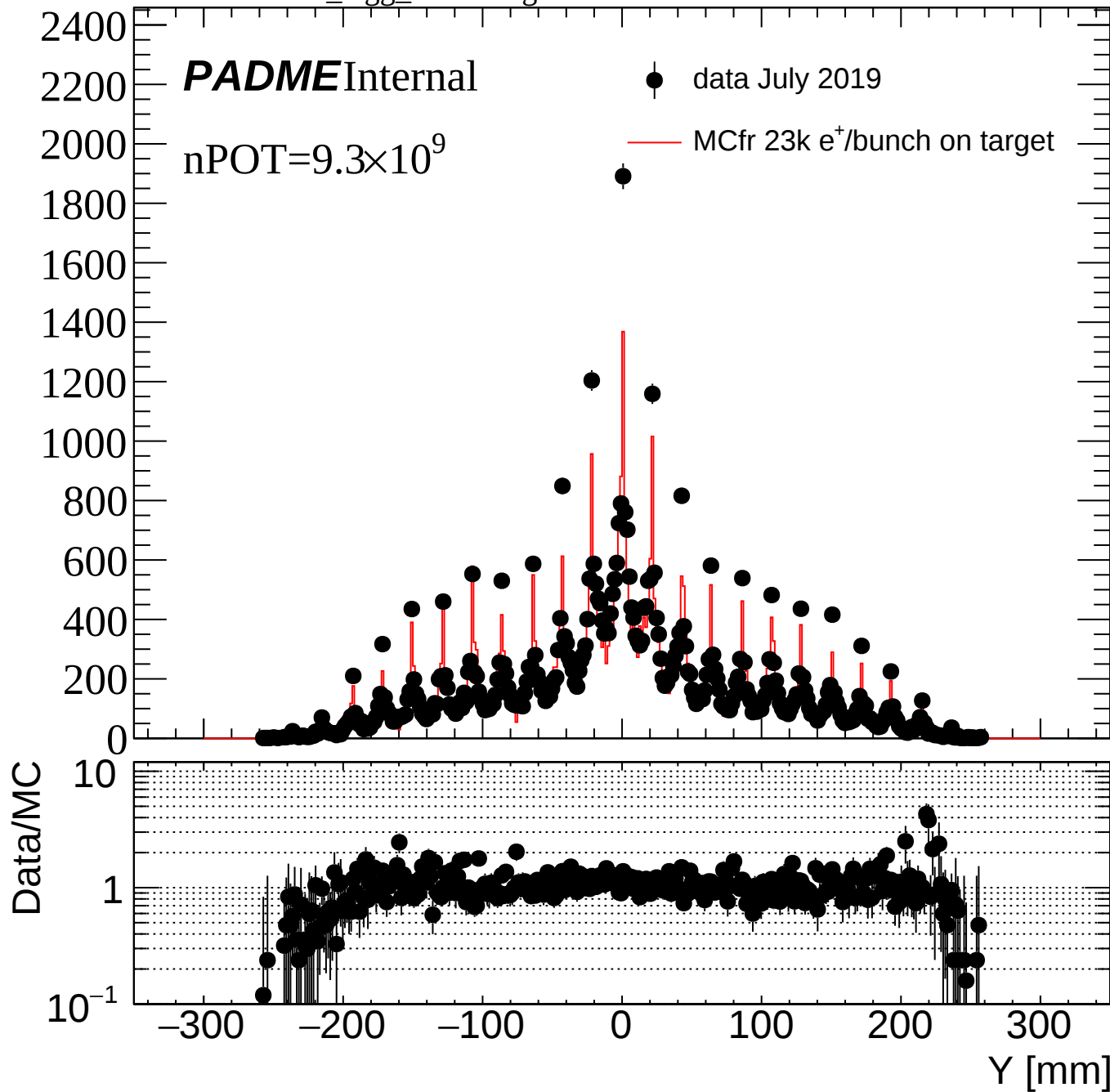
ECAL_Ygg_10ns20DegreeDeltaThetaUnderPeakEThr90



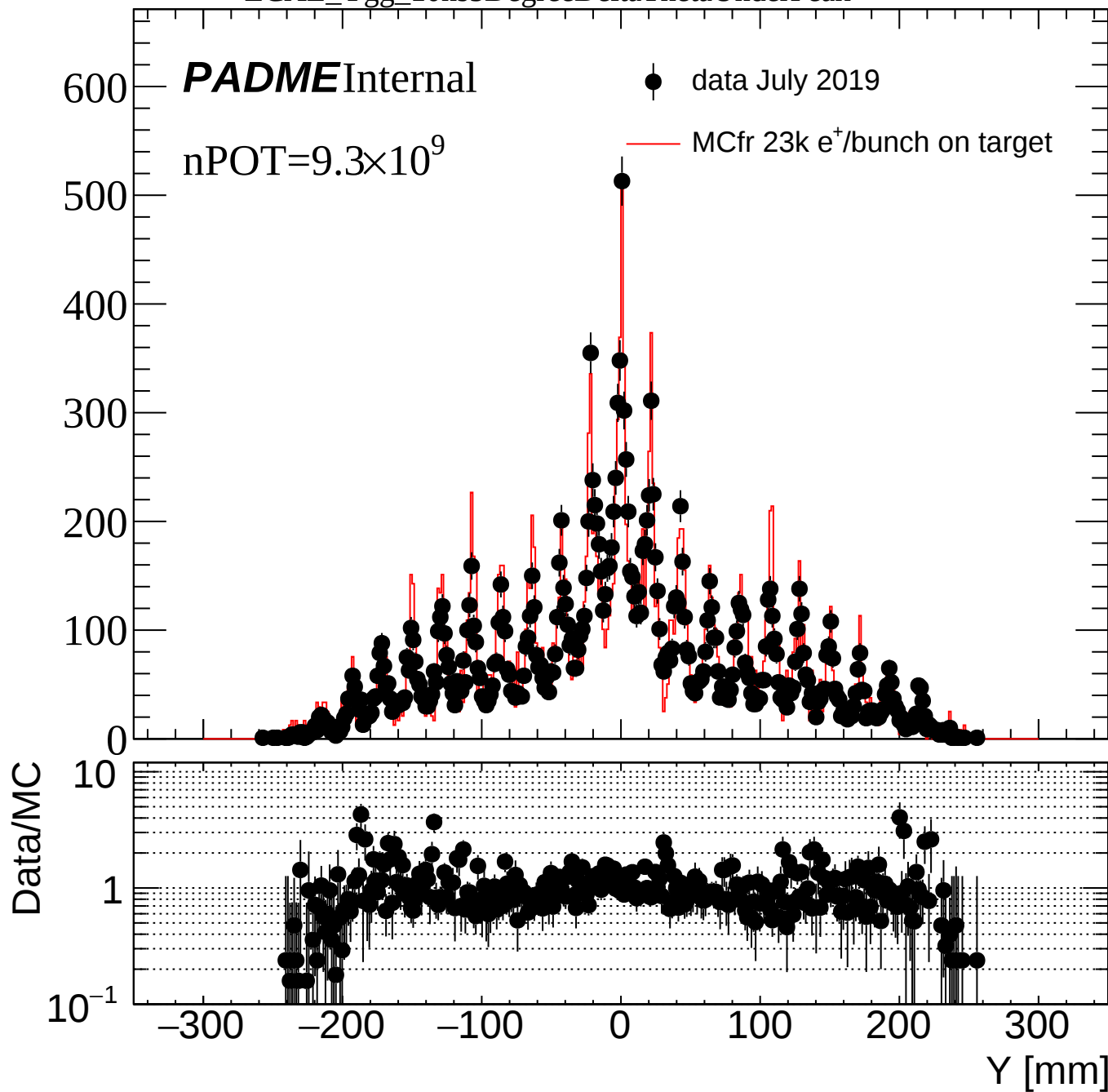
ECAL_Ygg_10ns20DegreeDeltaThetaEThr90

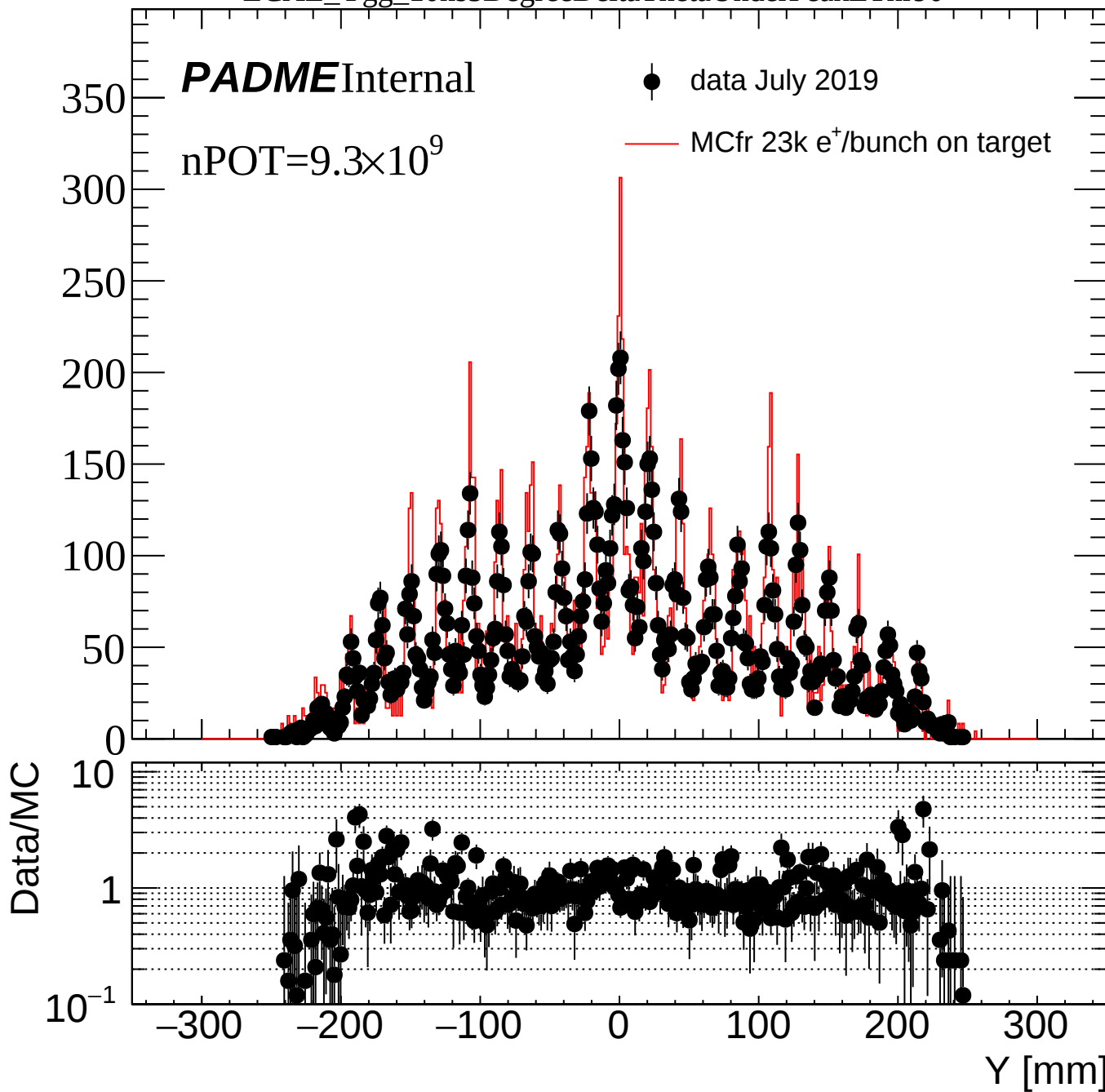


ECAL_Ygg_10ns5DegreeDeltaTheta

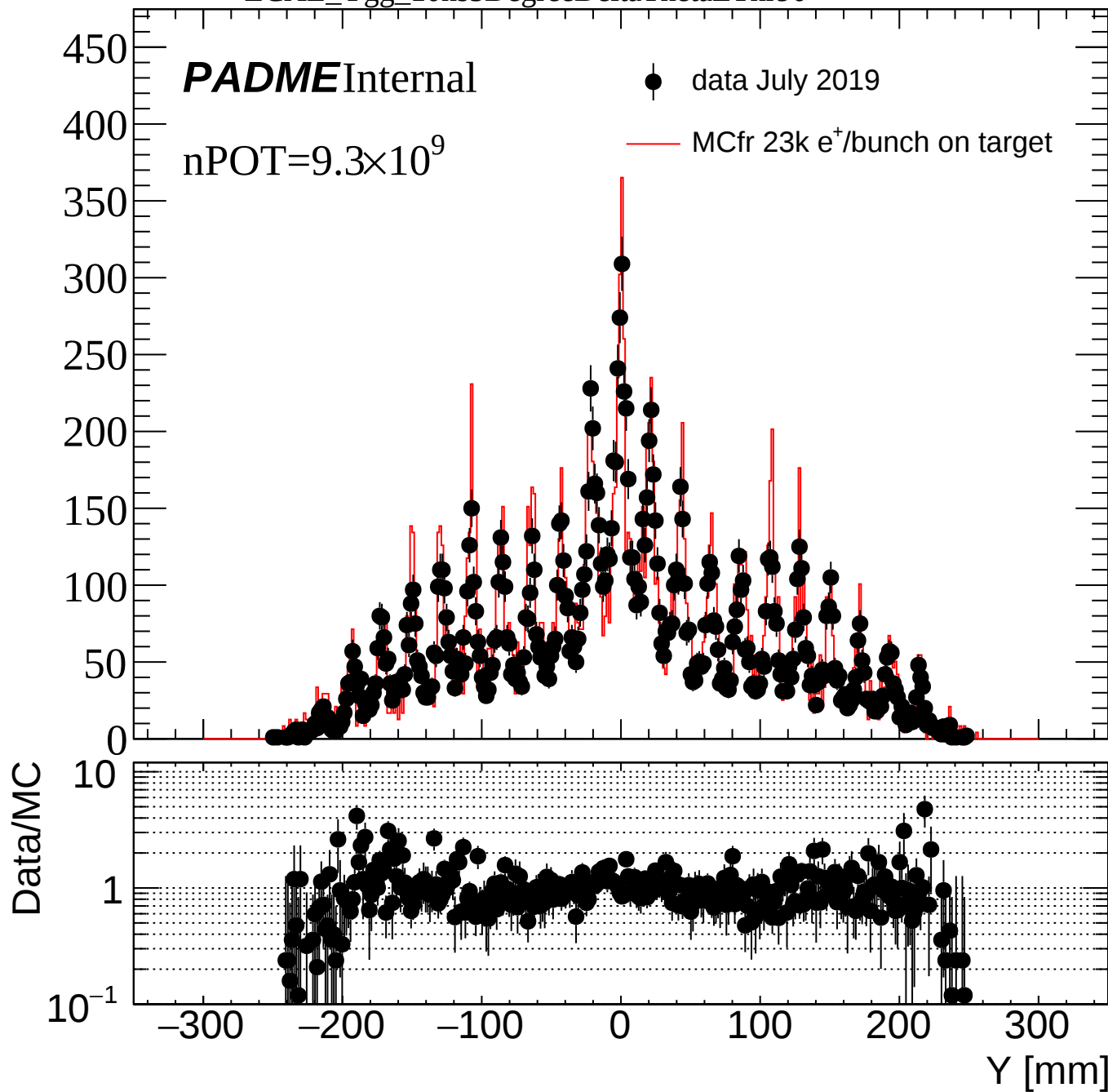


ECAL_Ygg_10ns5DegreeDeltaThetaUnderPeak





ECAL_Ygg_10ns5DegreeDeltaThetaEThr90



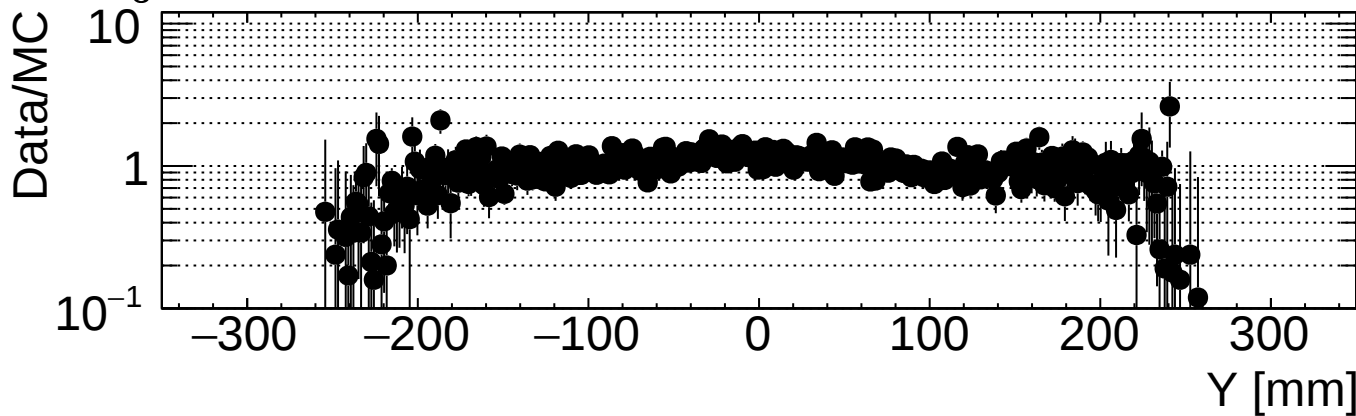
ECAL_Ygg_10ns3CoG

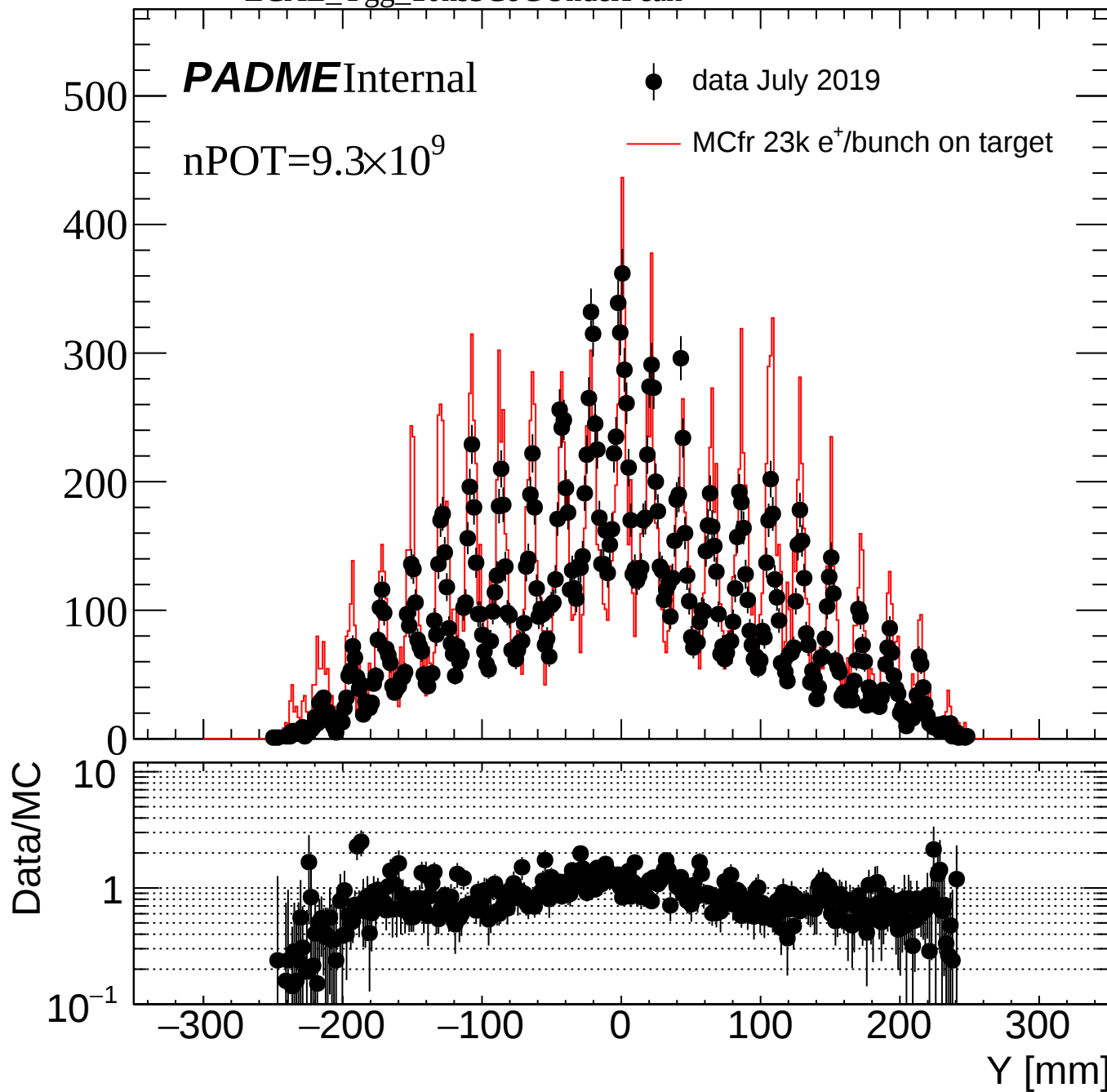
PADMEInternal

$n\text{POT}=9.3\times 10^9$

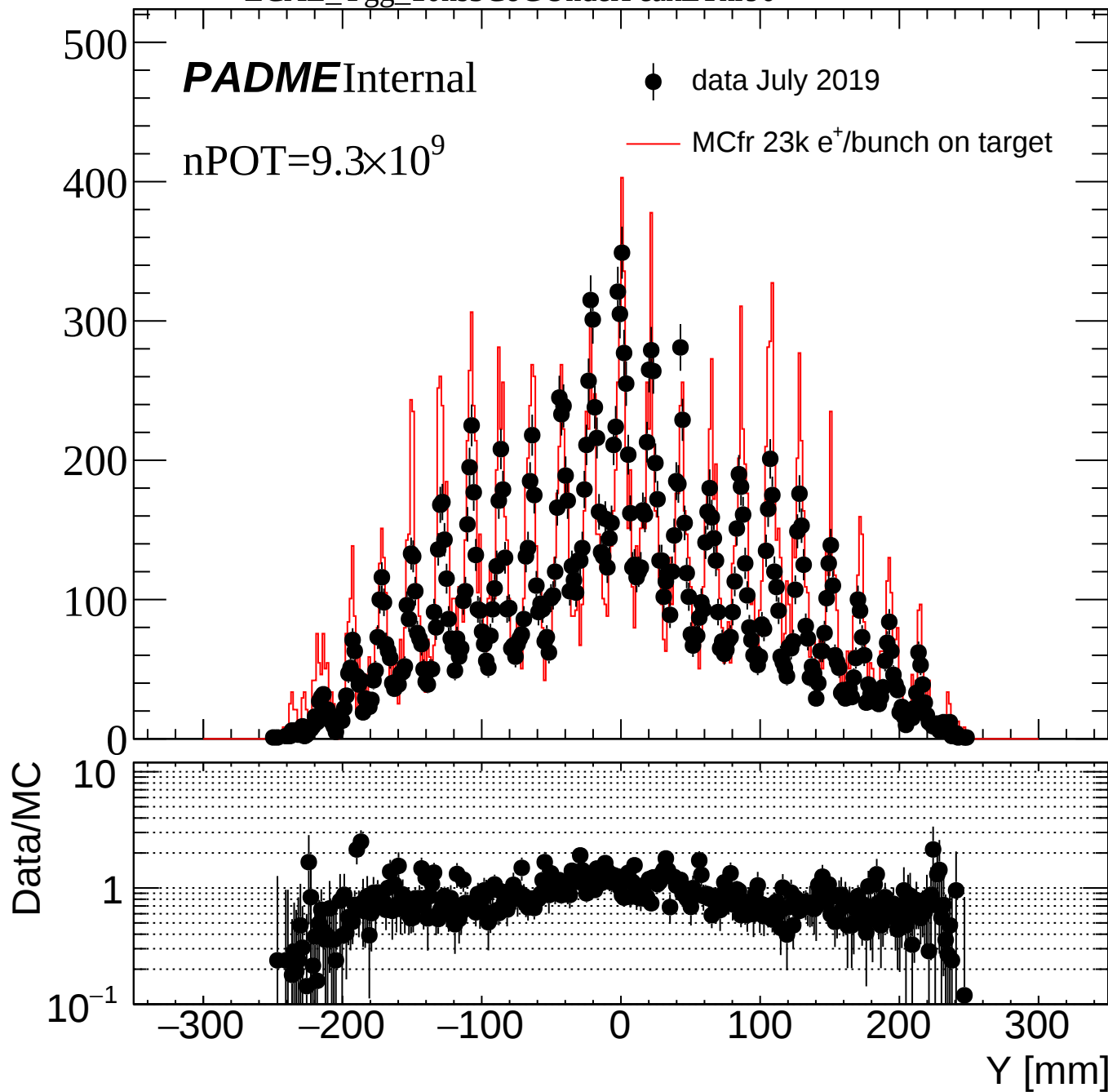
● data July 2019

— MCfr 23k e⁺/bunch on target





ECAL_Ygg_10ns3CoGUnderPeakEThr90



ECAL_Ygg_10ns3CoGEThr90

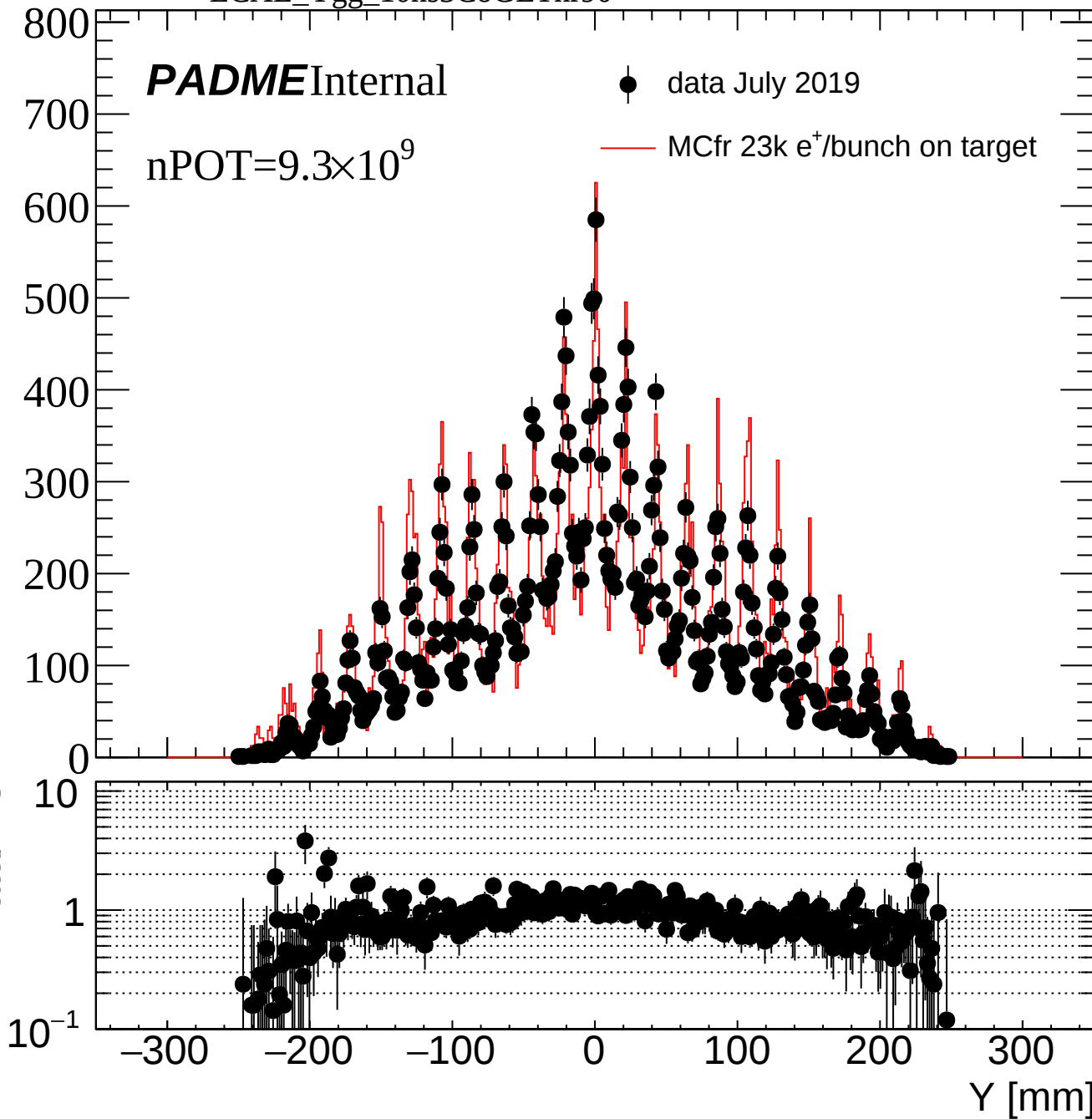
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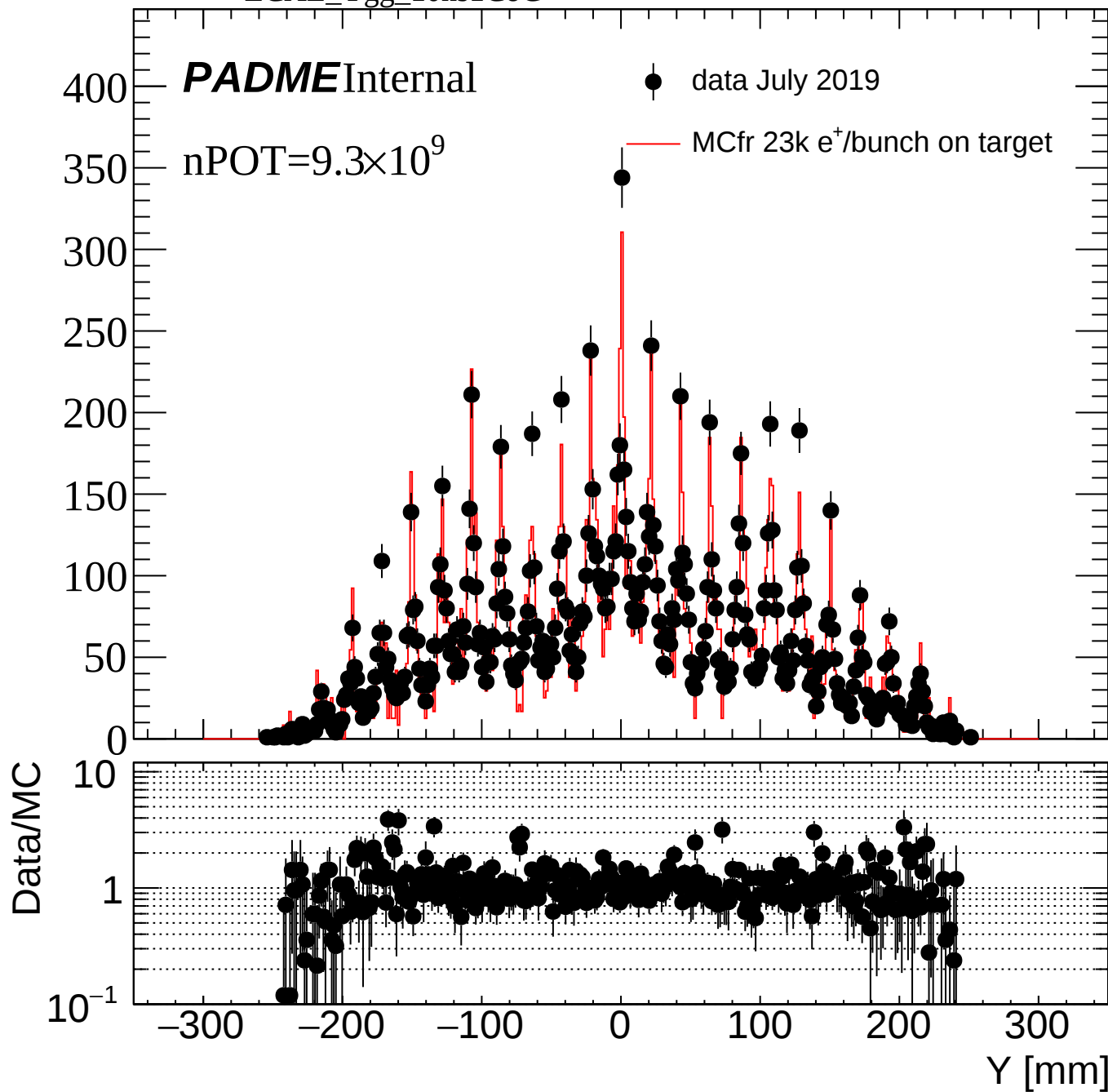
● data July 2019

— MCfr 23k e⁺/bunch on target

Data/MC



ECAL_Ygg_10ns1CoG



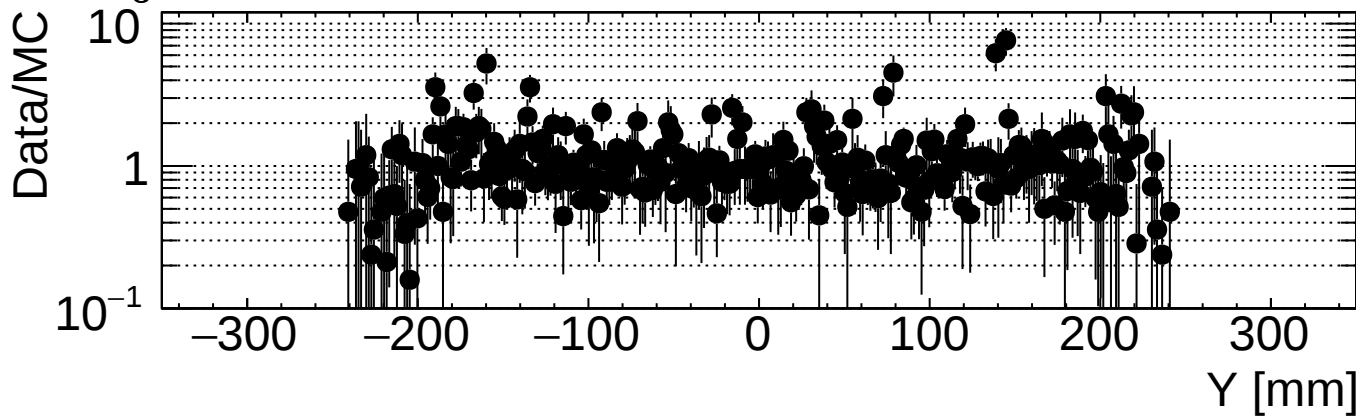
ECAL_Ygg_10ns1CoGUnderPeak

PADMEInternal

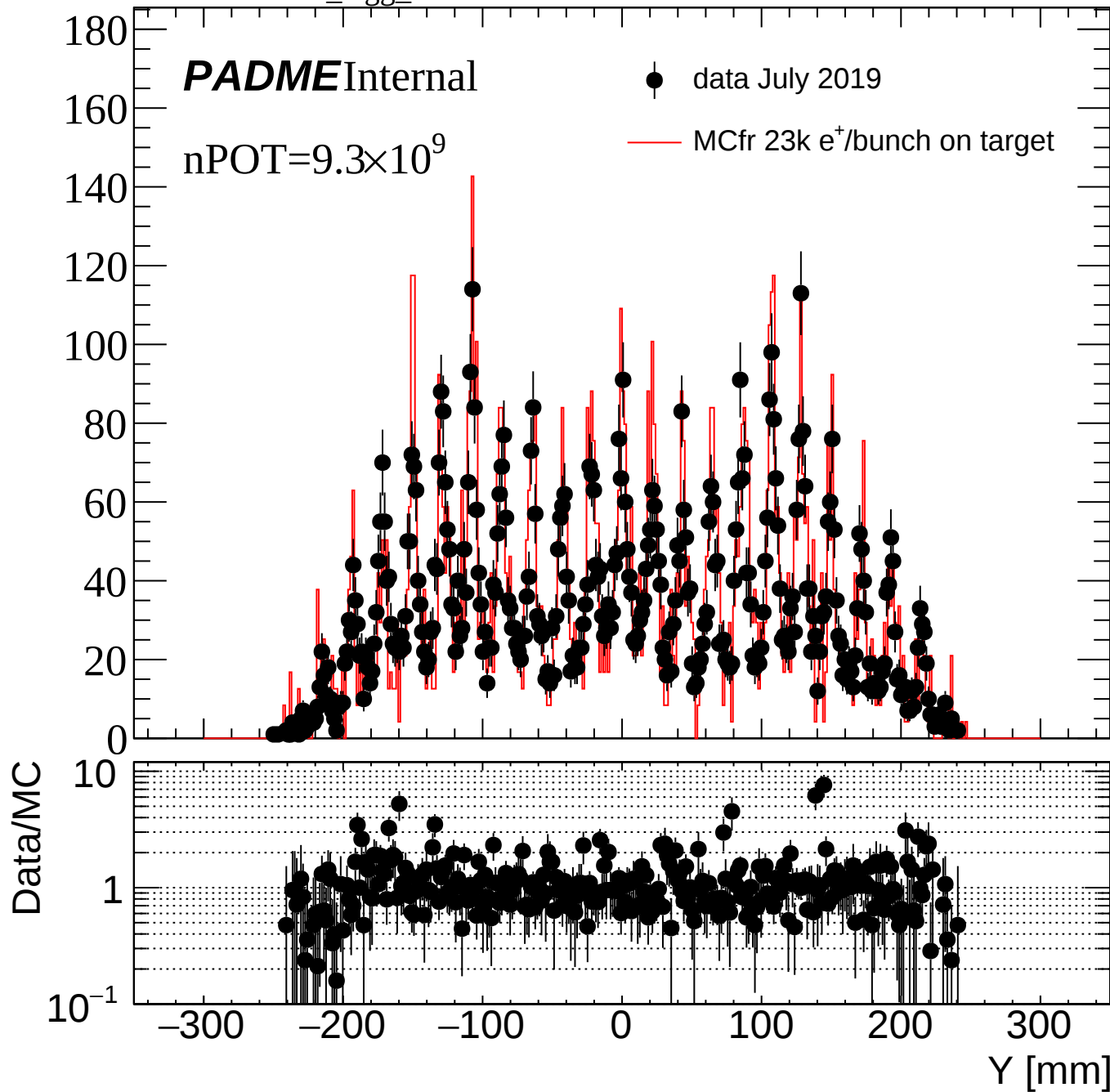
nPOT= 9.3×10^9

● data July 2019

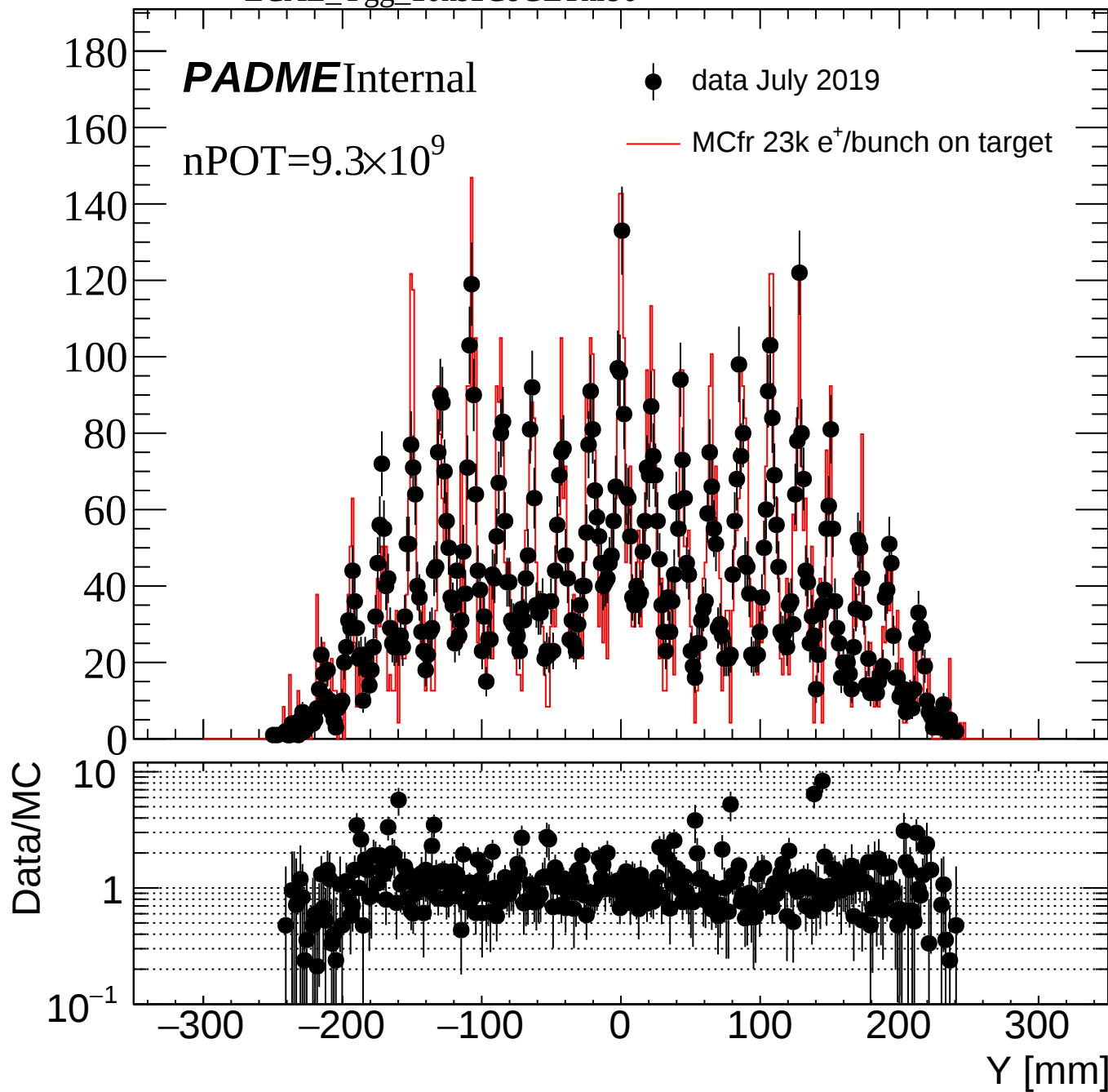
— MCfr 23k e⁺/bunch on target

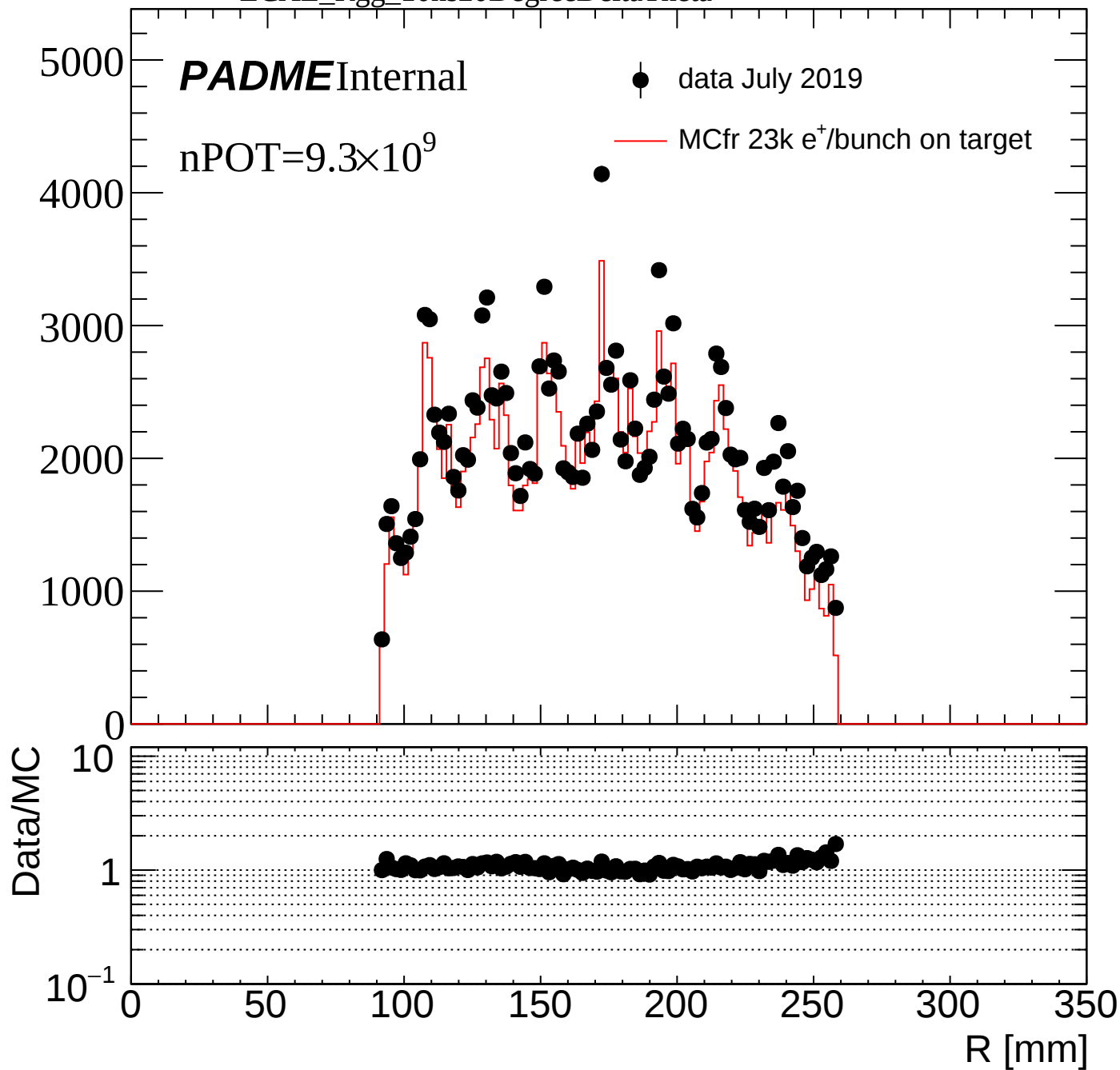


ECAL_Ygg_10ns1CoGUnderPeakEThr90

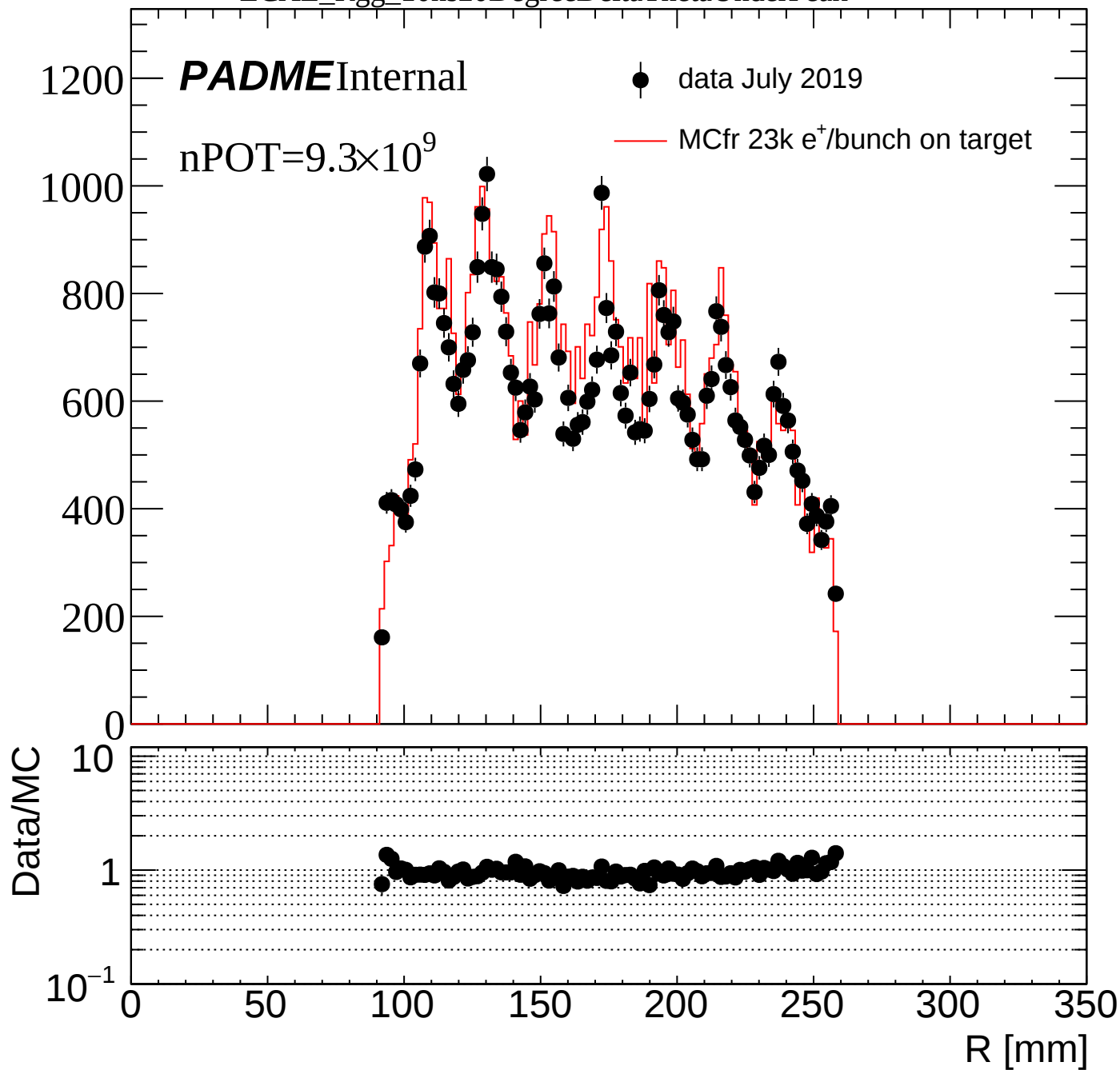


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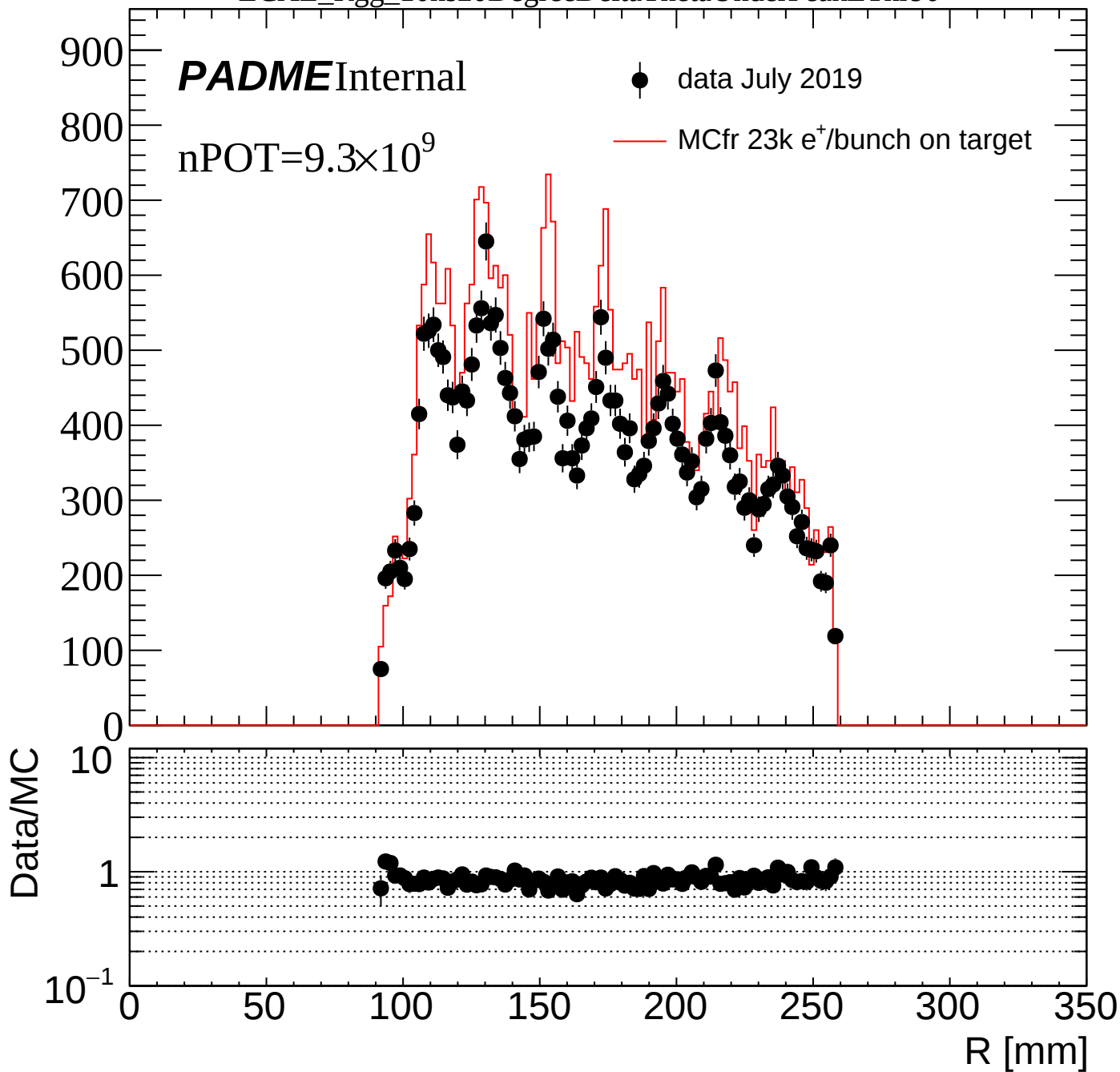


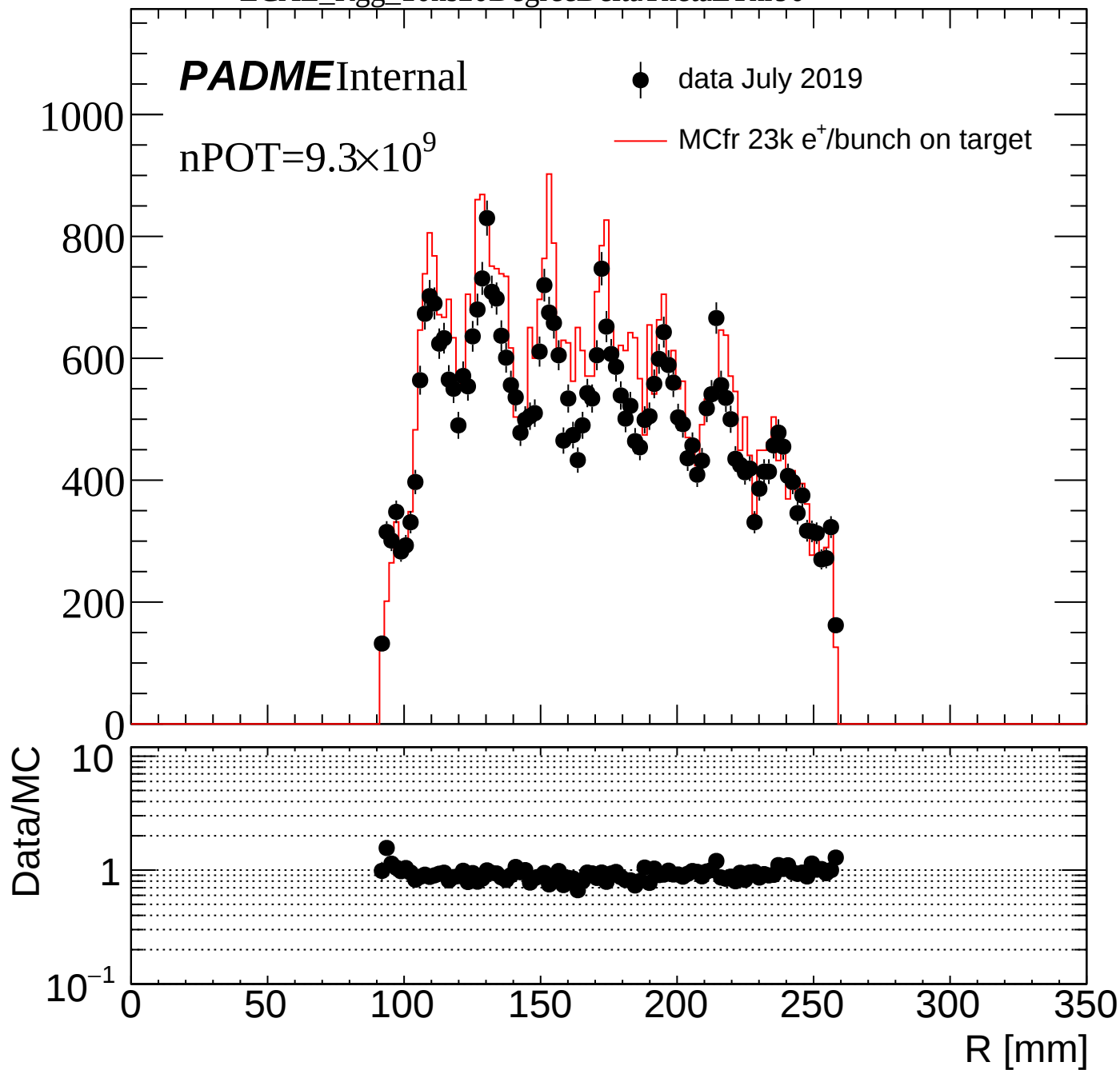


ECAL_Rgg_10ns20DegreeDeltaThetaUnderPeak

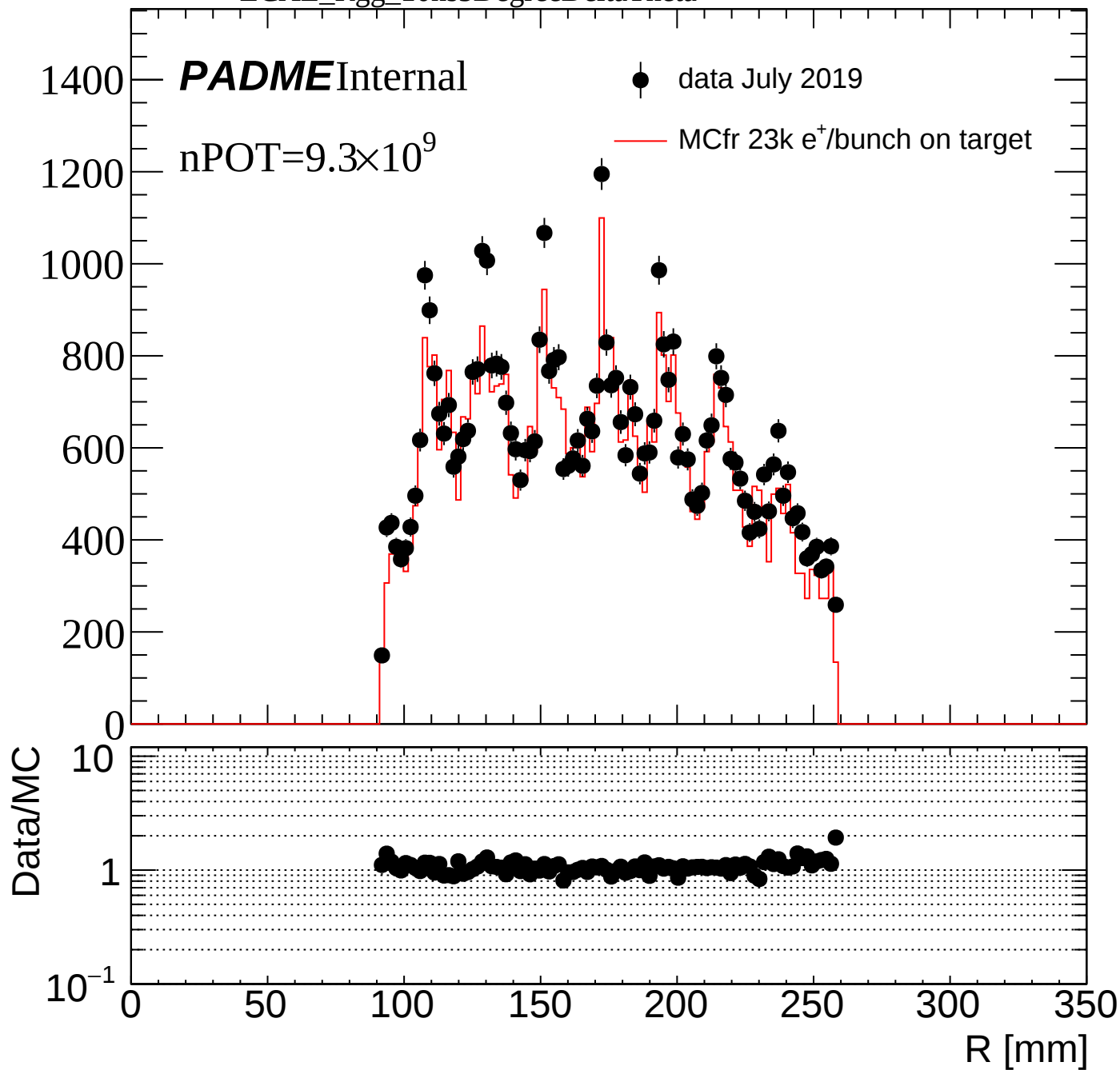


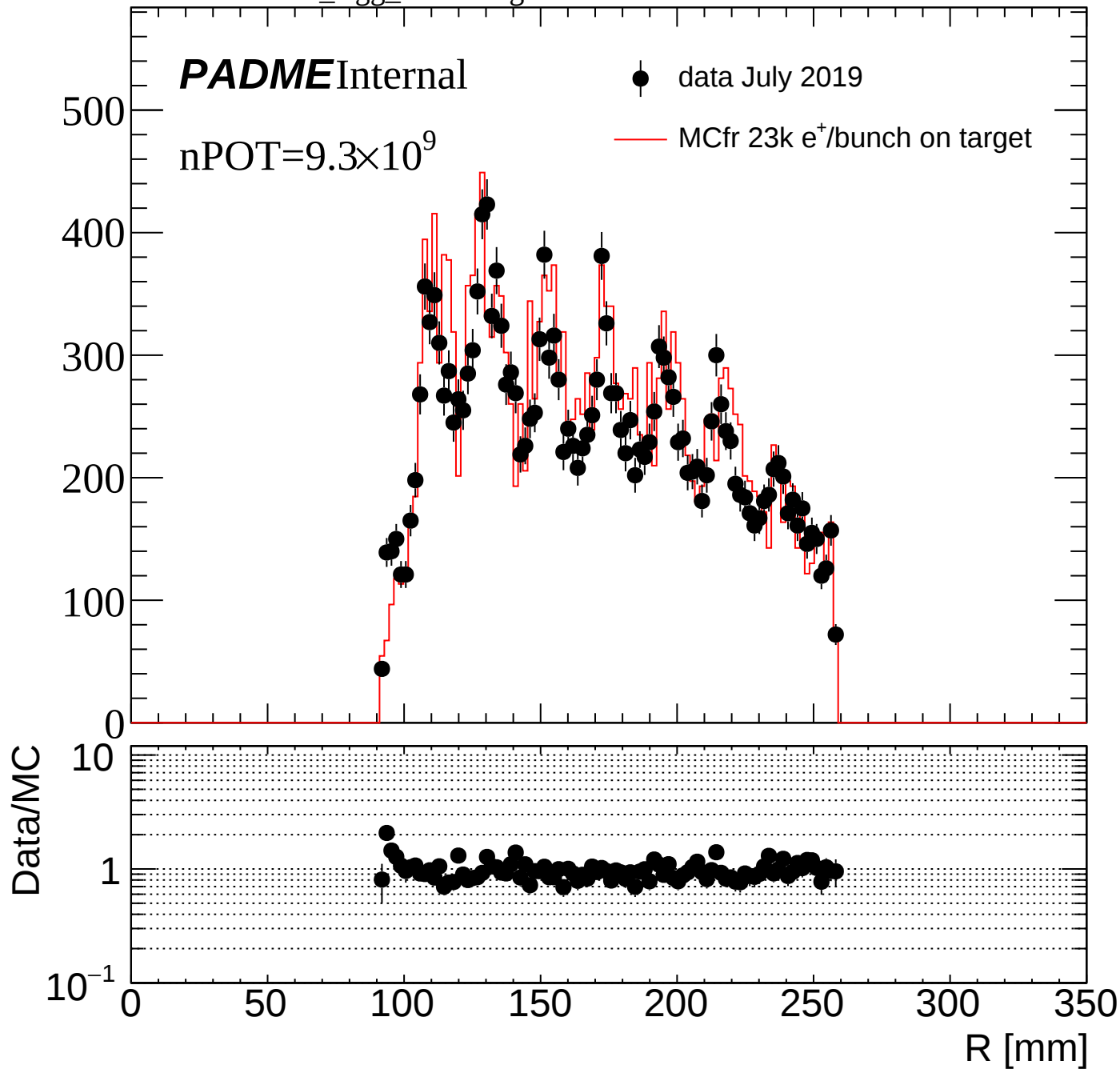
ECAL_Rgg_10ns20DegreeDeltaThetaUnderPeakEThr90

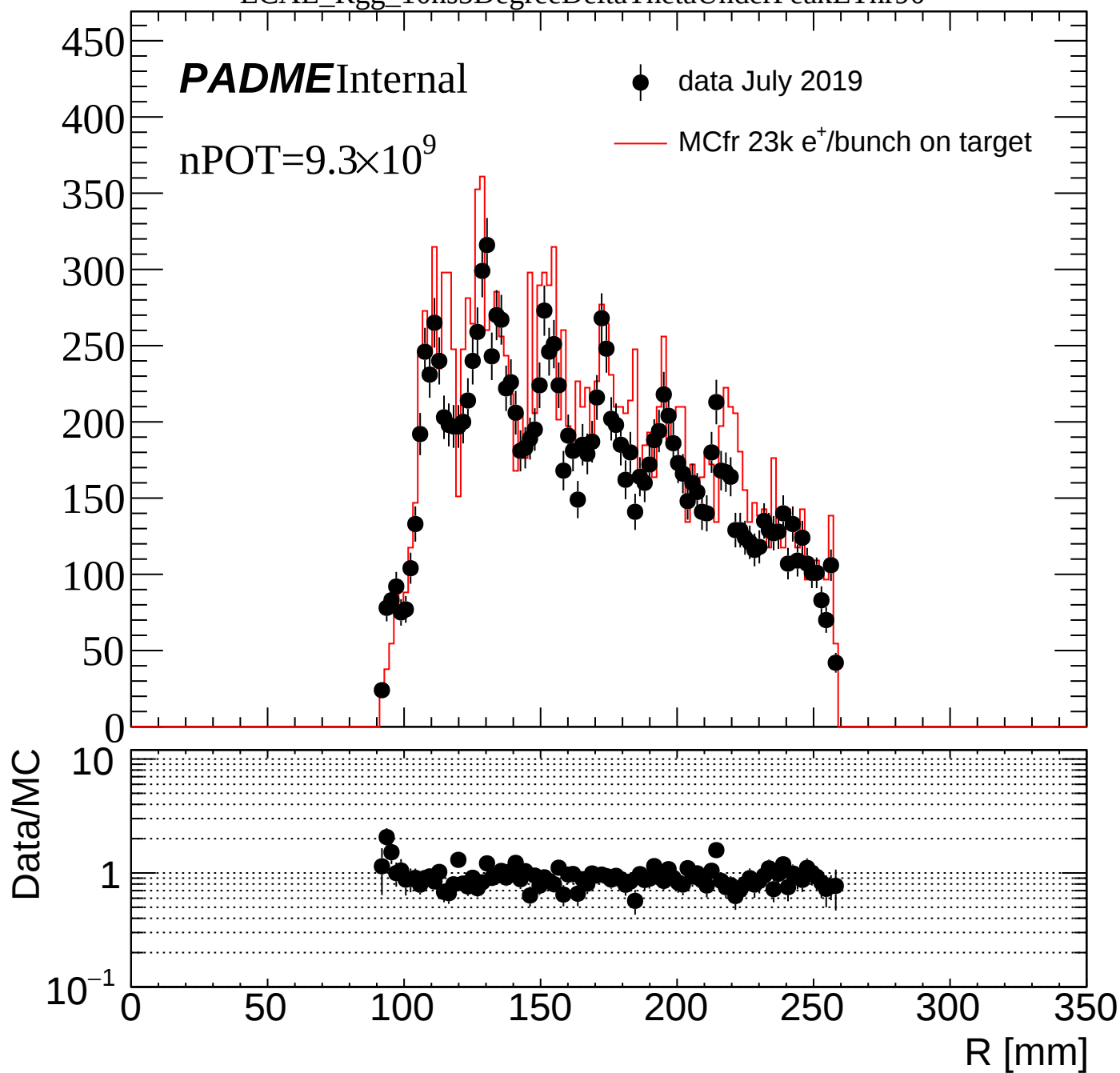




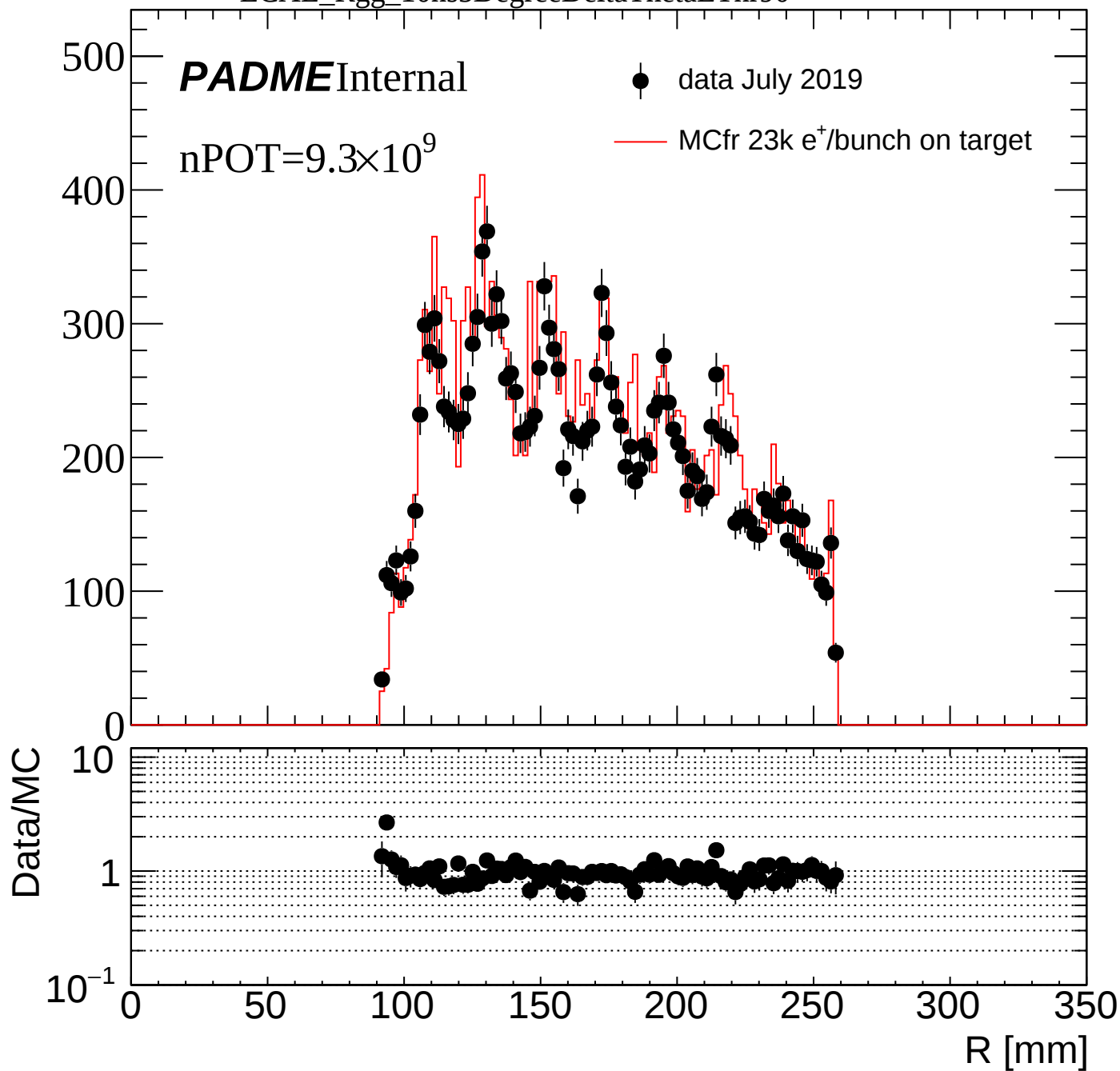
ECAL_Rgg_10ns5DegreeDeltaTheta







ECAL_Rgg_10ns5DegreeDeltaThetaEThr90



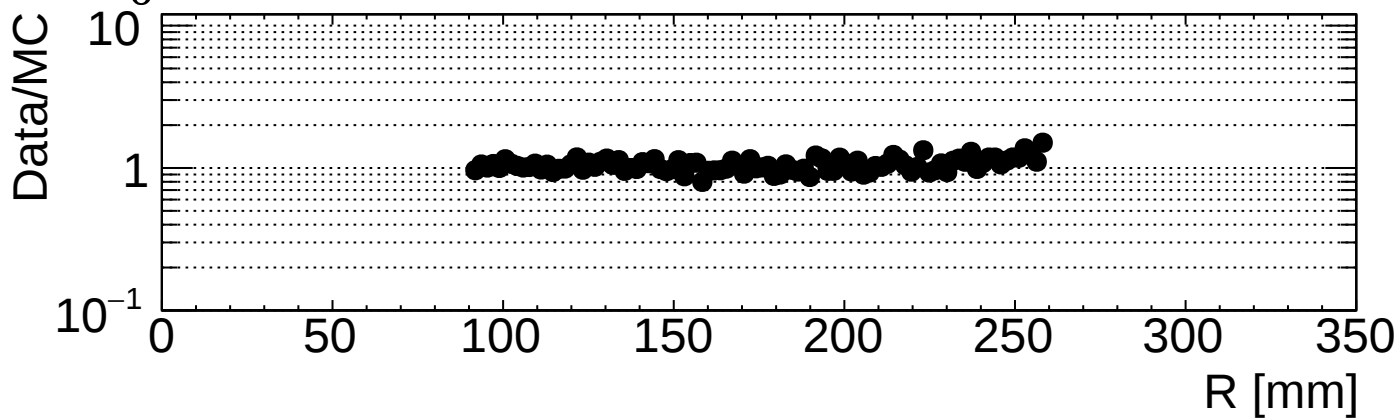
ECAL_Rgg_10ns3CoG

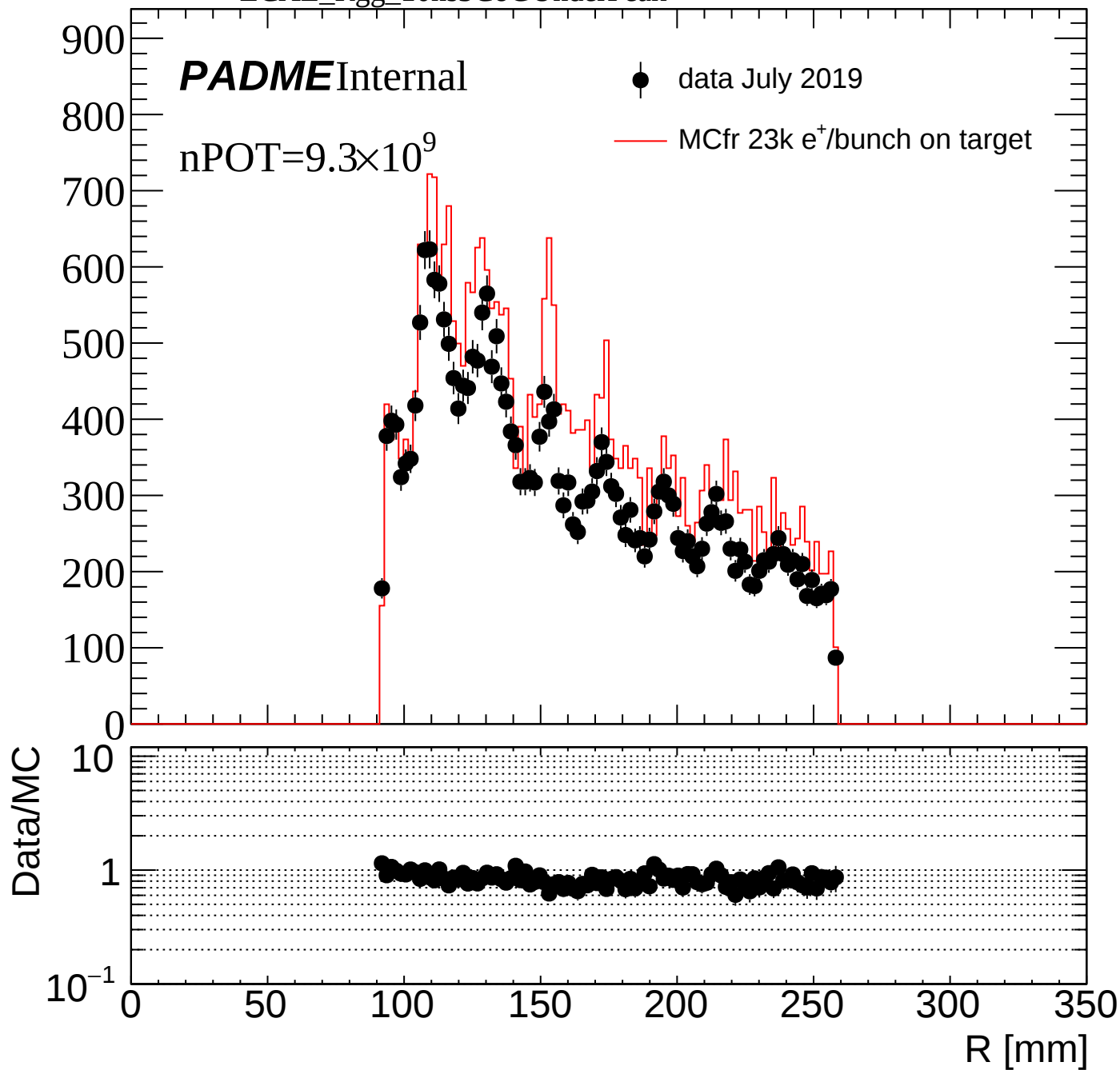
PADMEInternal

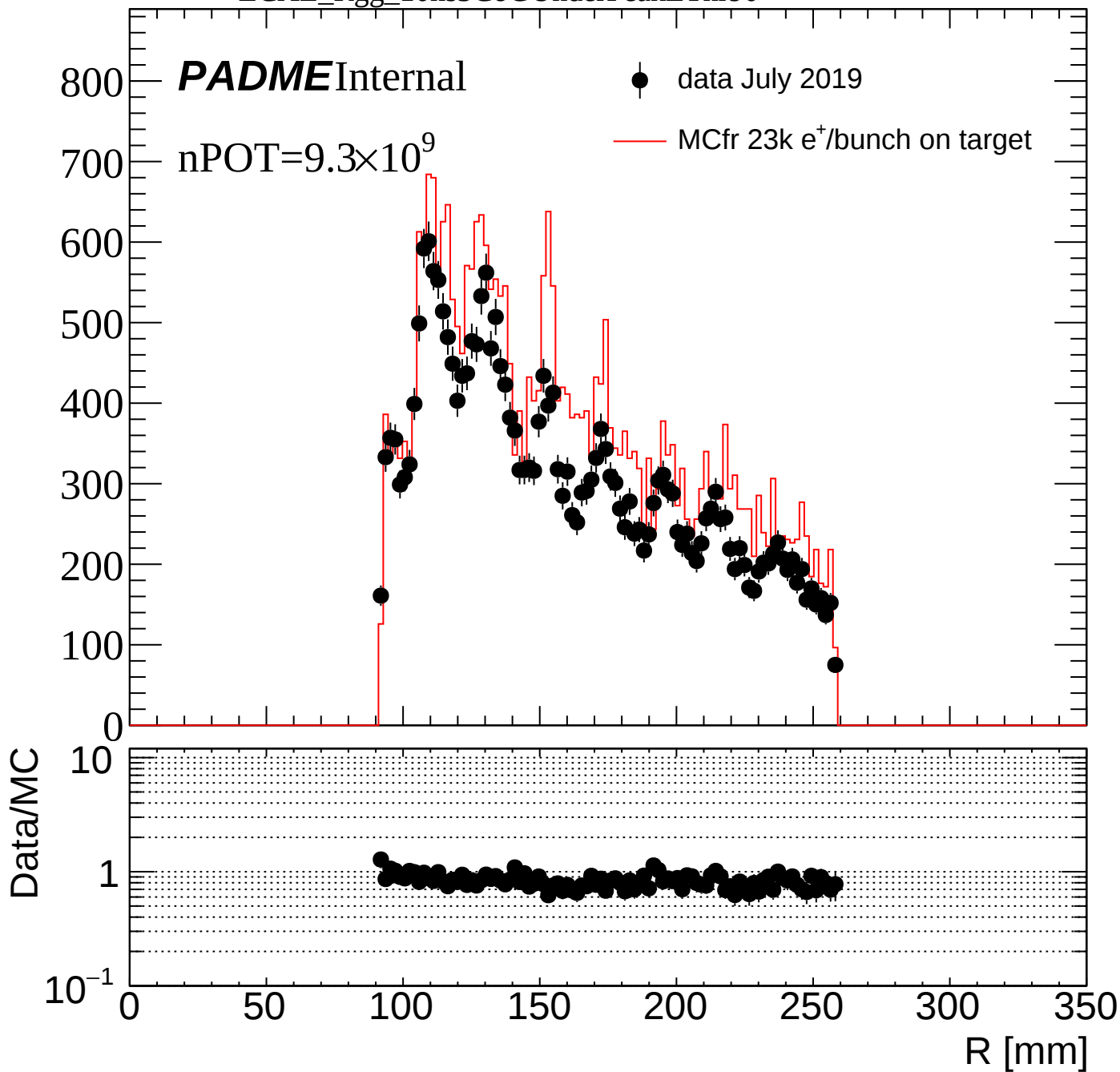
nPOT=9.3×10⁹

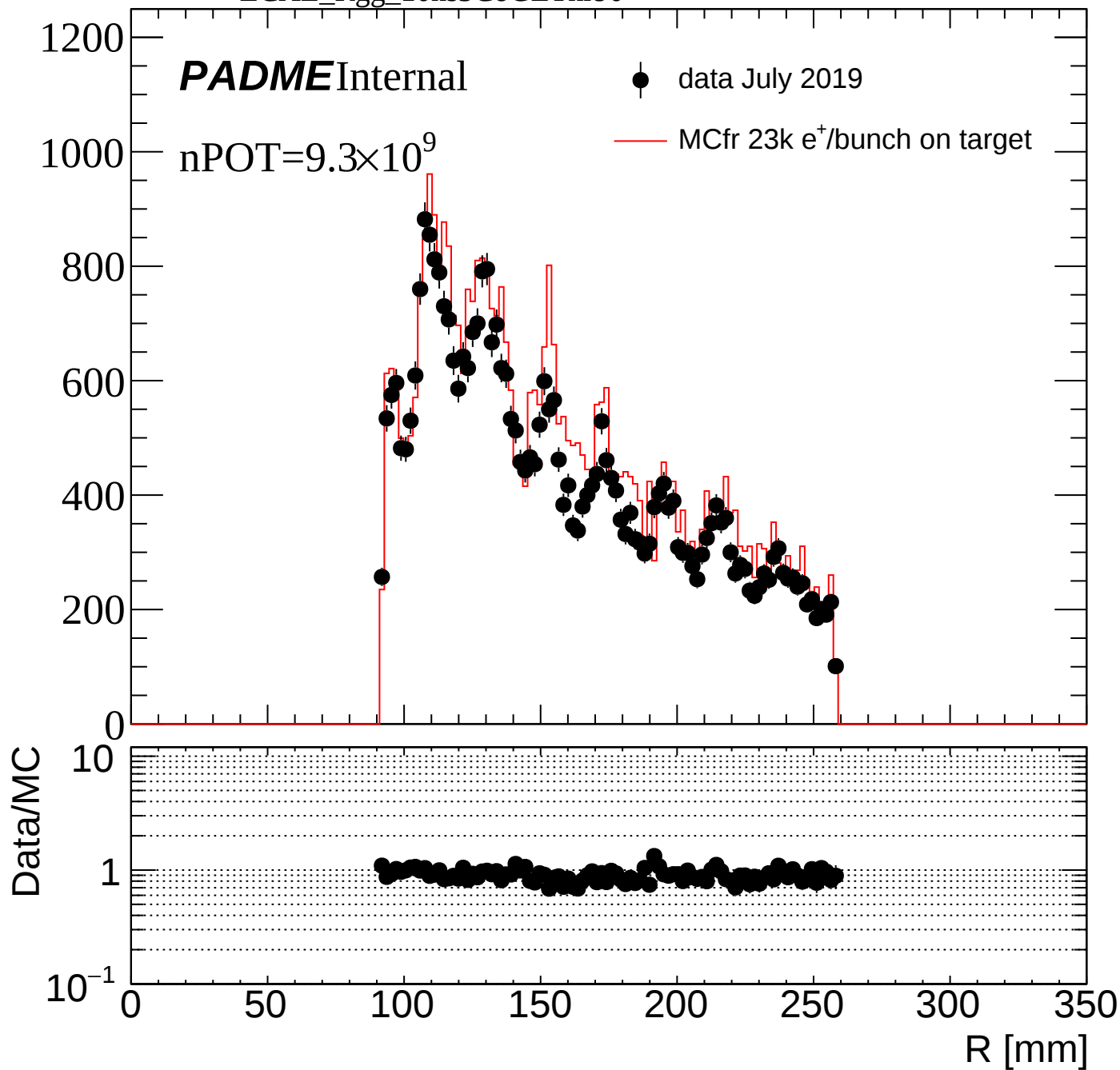
● data July 2019

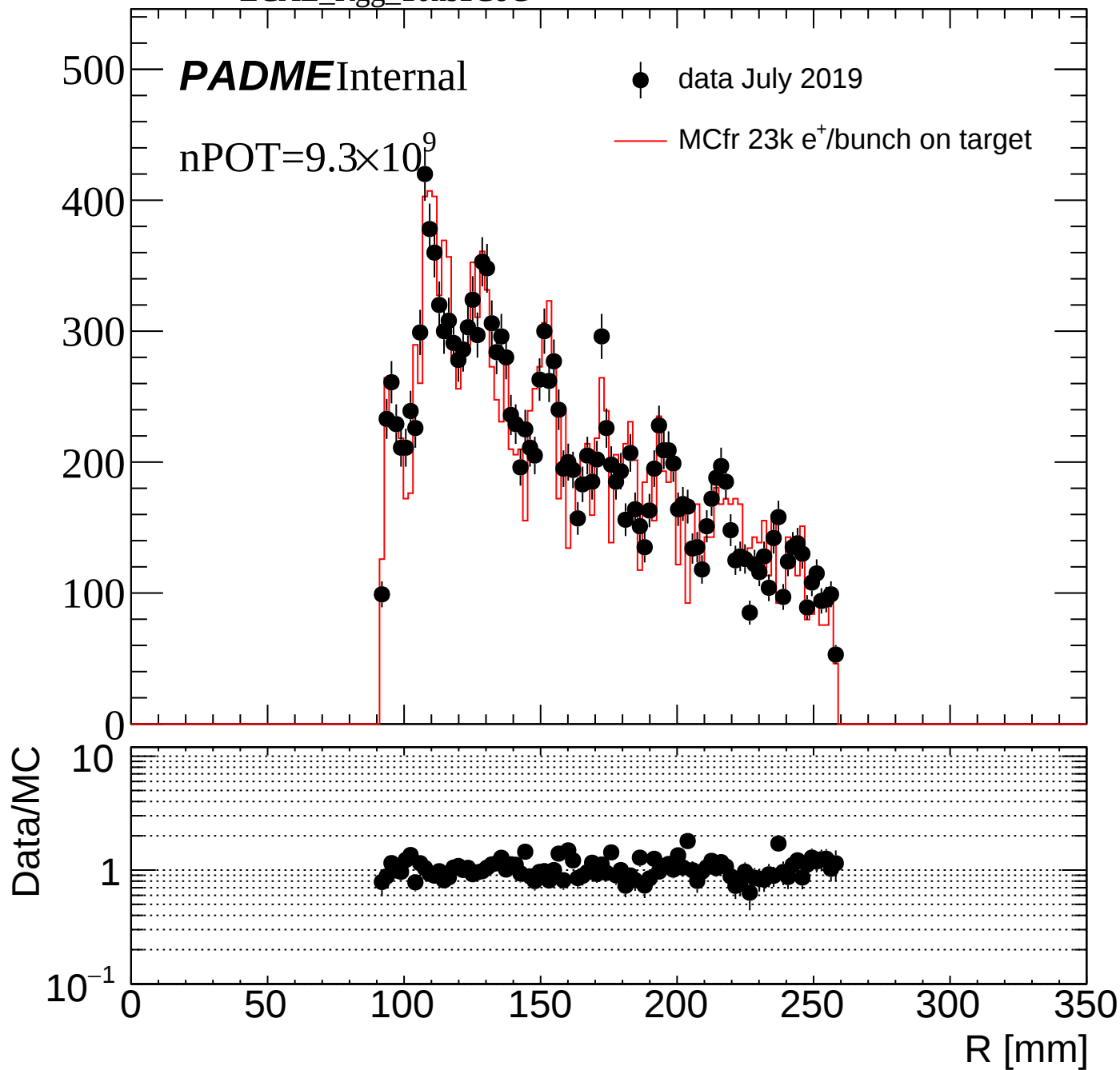
— MCfr 23k e⁺/bunch on target

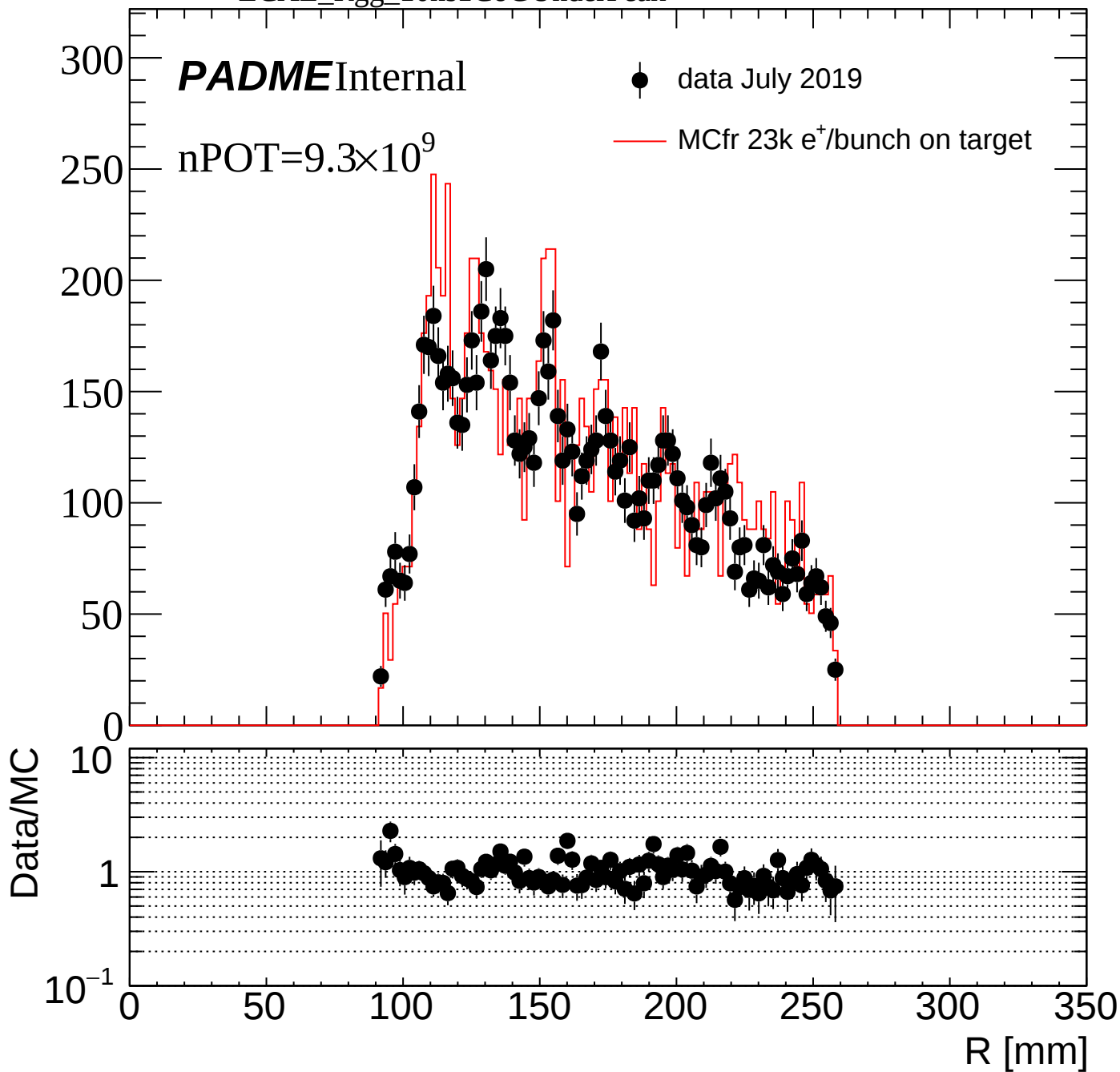


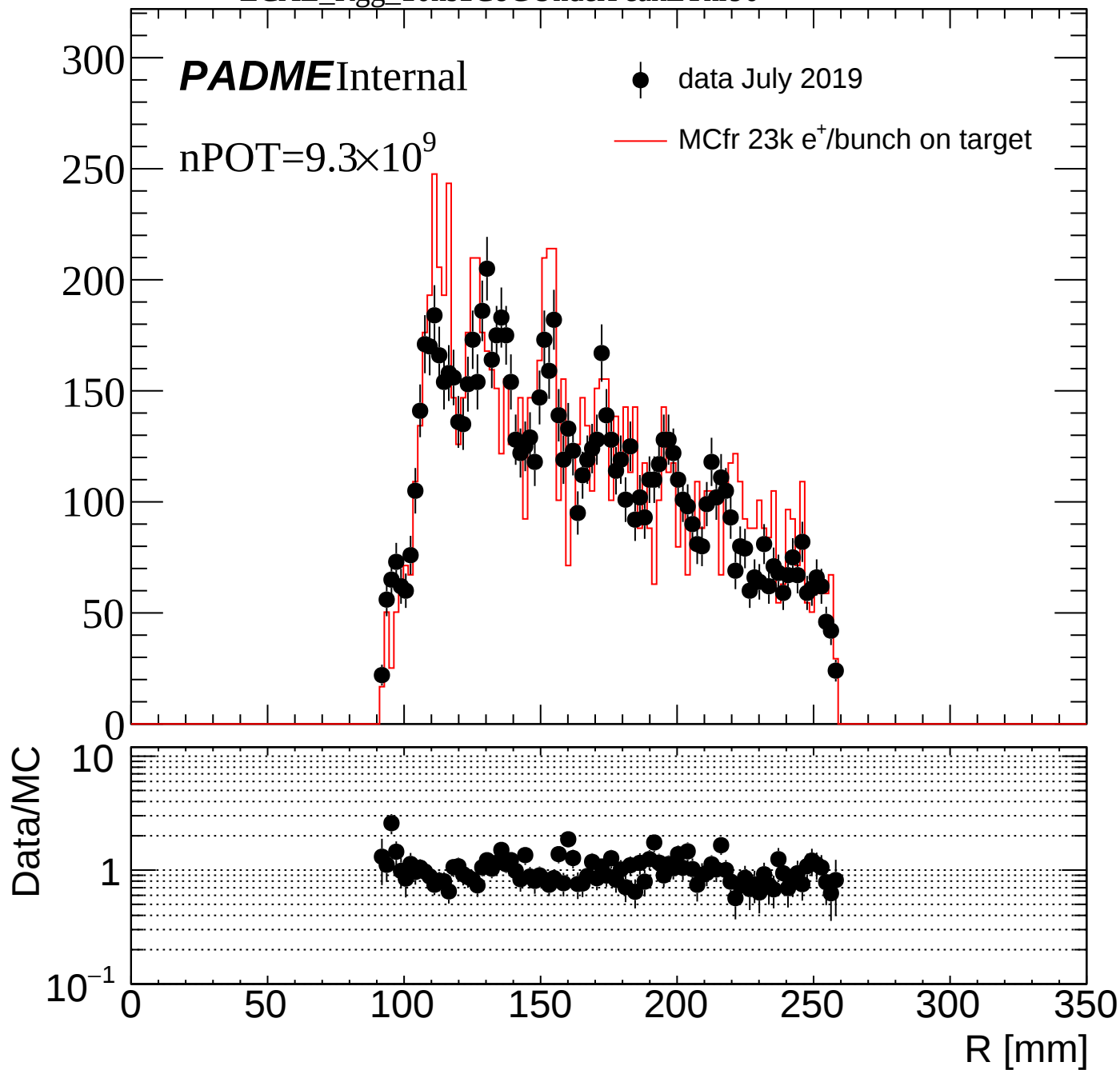


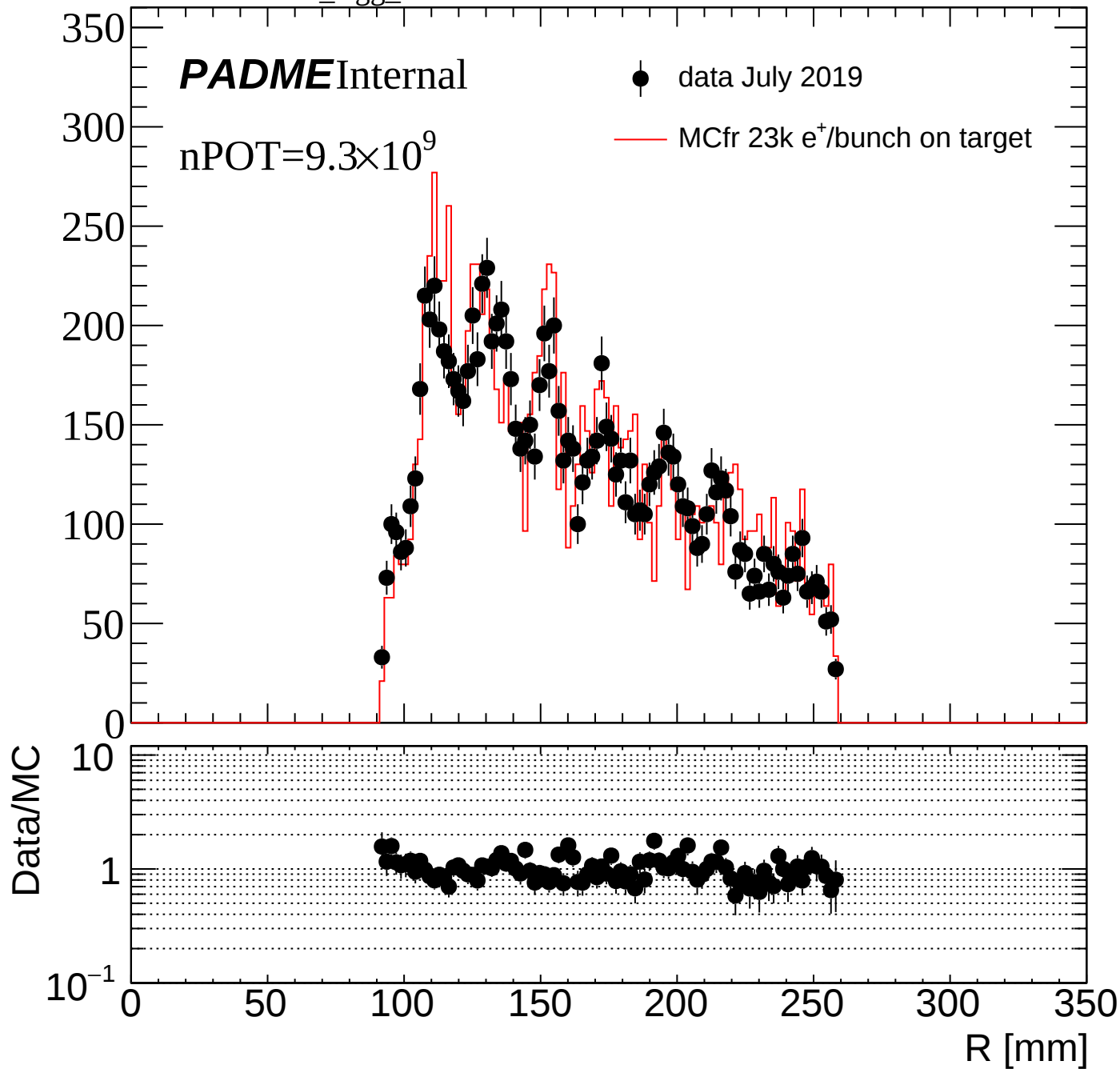


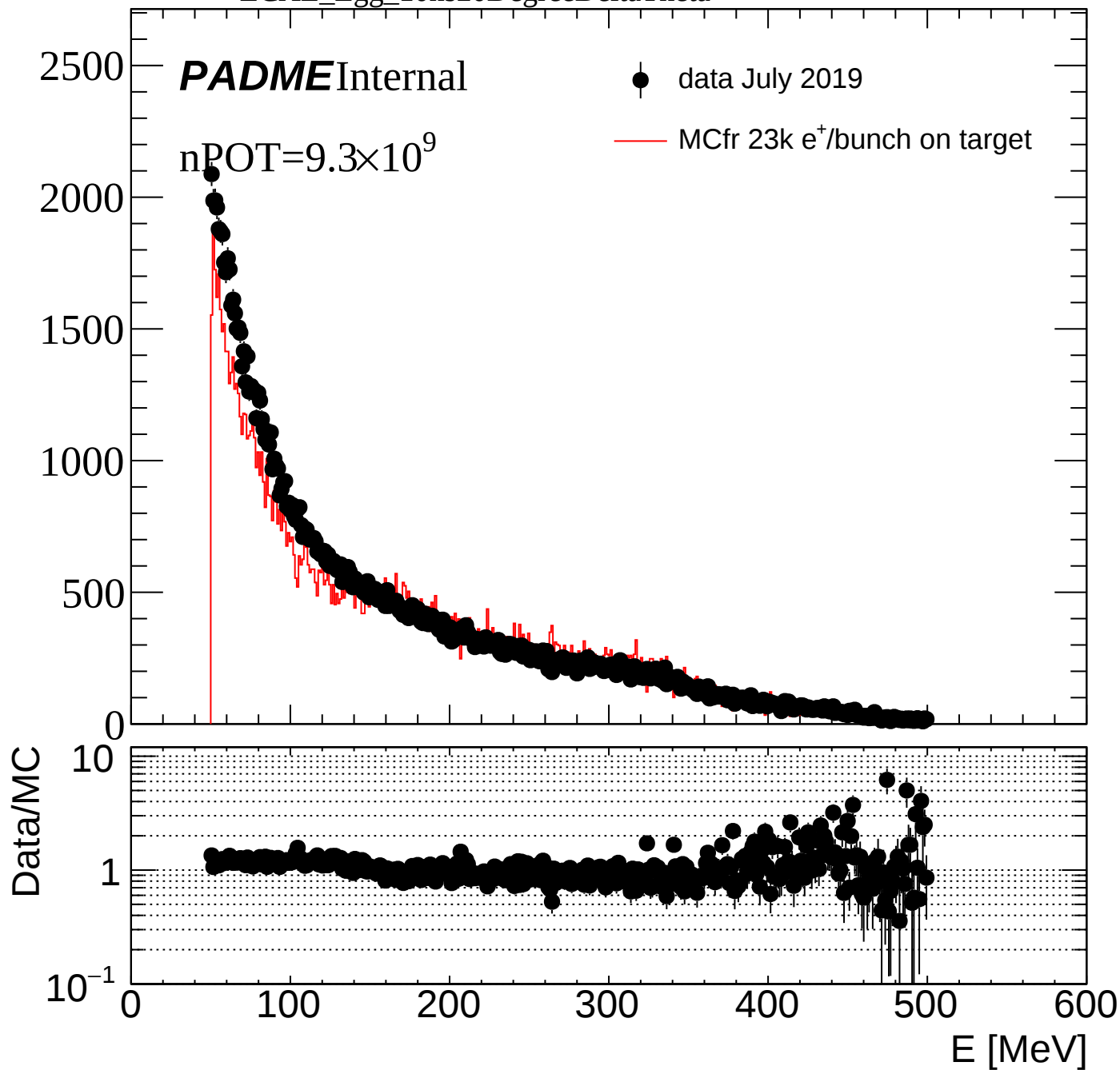




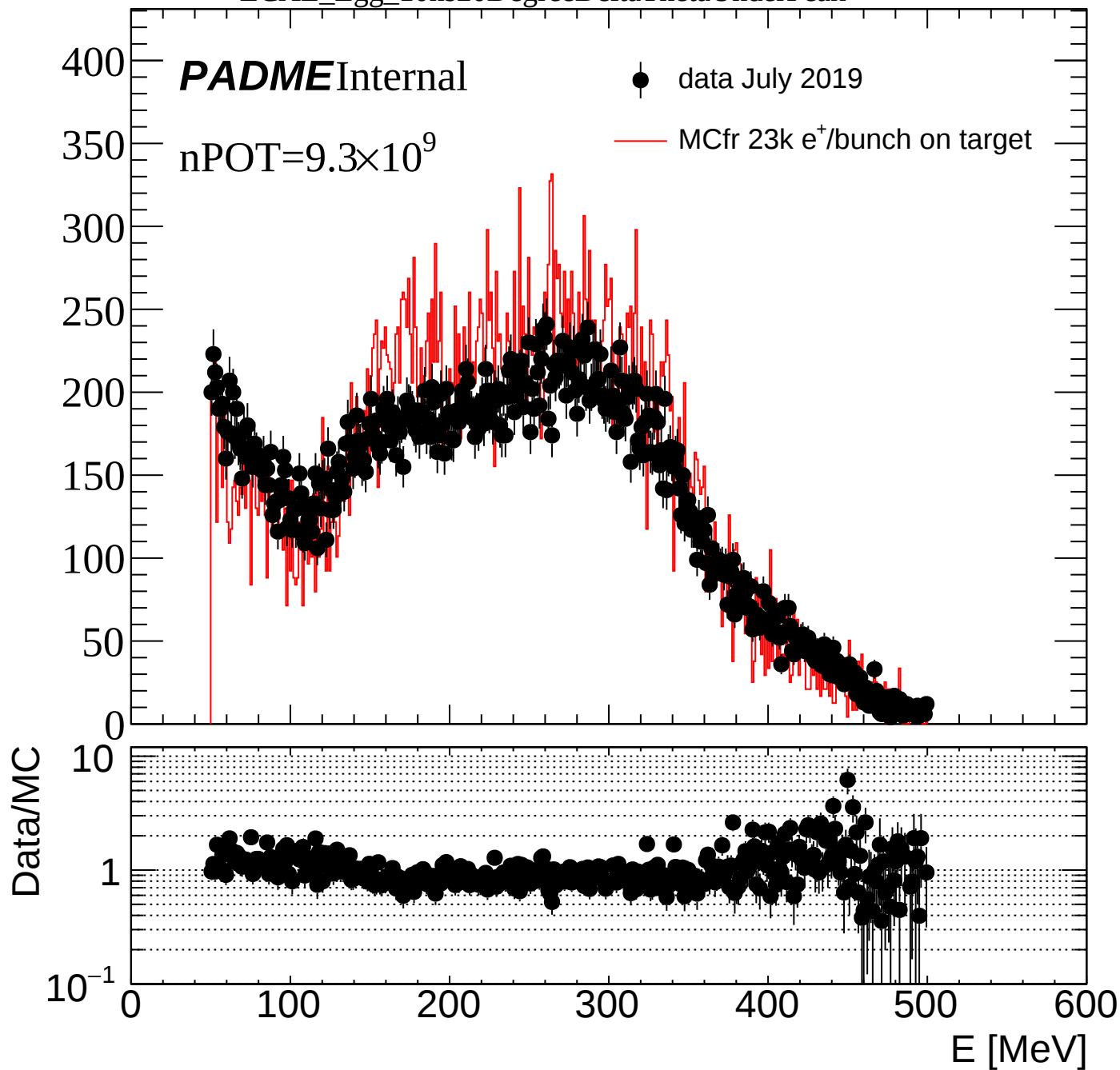




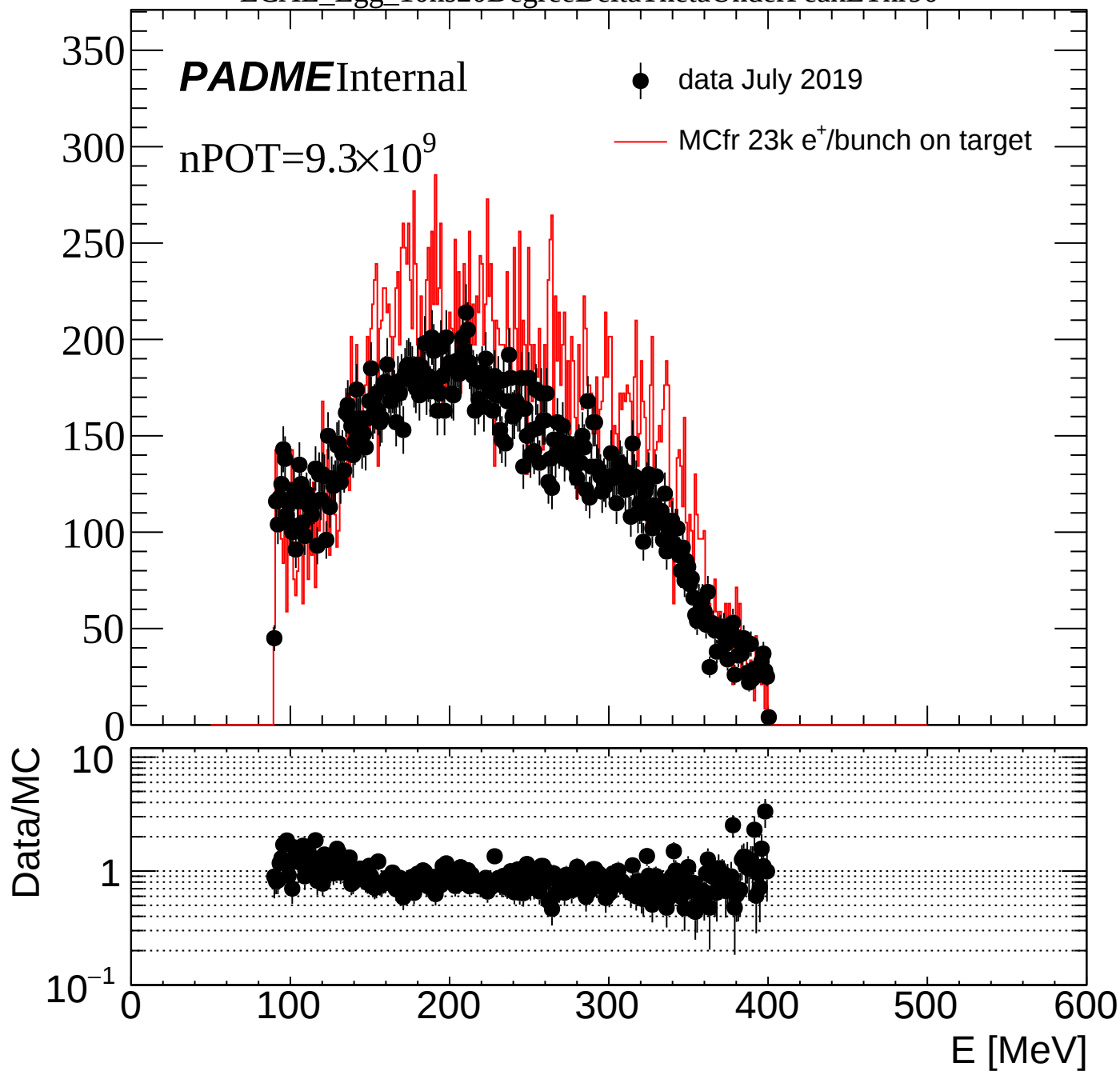




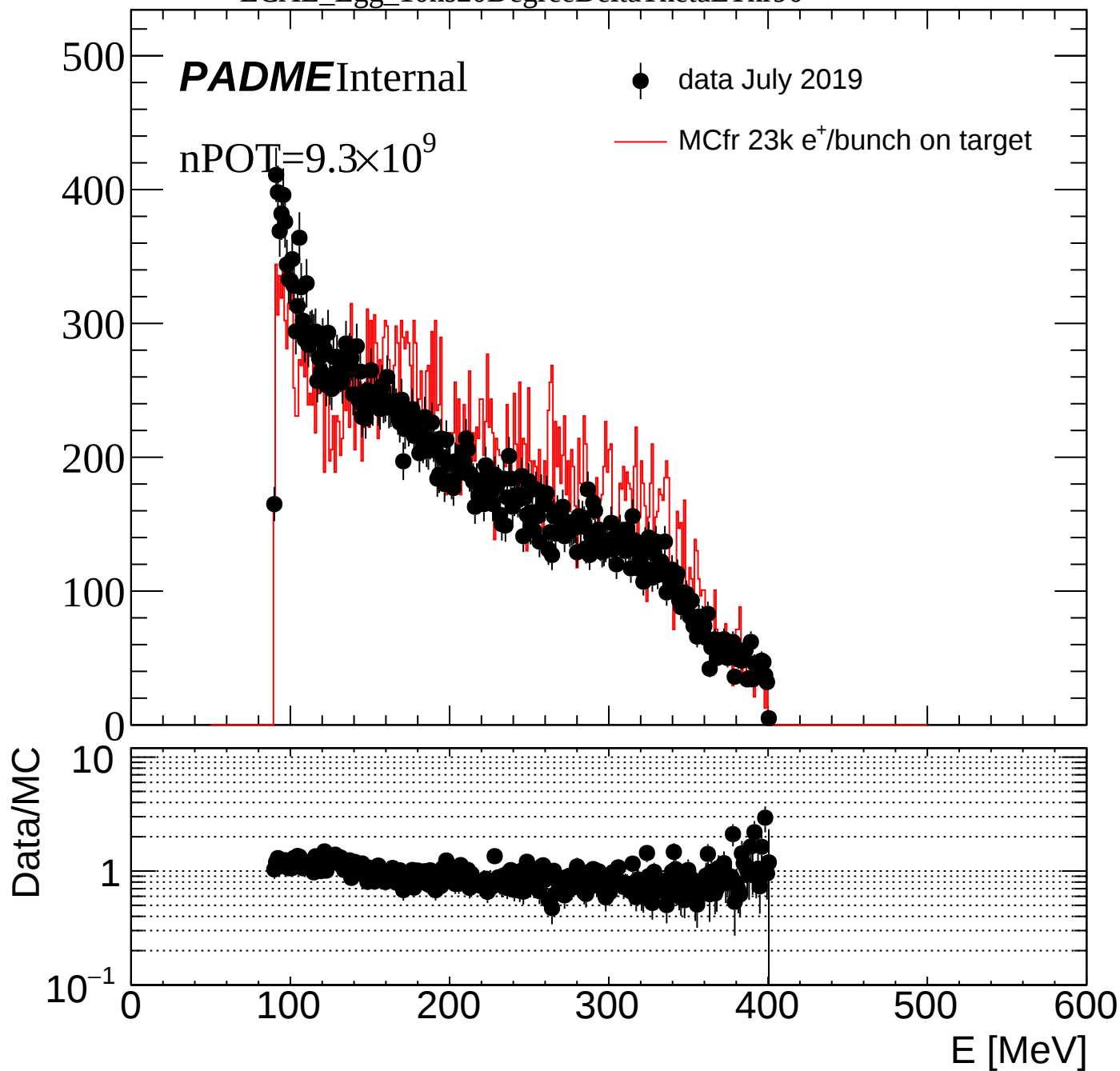
ECAL_Egg_10ns20DegreeDeltaThetaUnderPeak



ECAL_Egg_10ns20DegreeDeltaThetaUnderPeakEThr90



ECAL_Egg_10ns20DegreeDeltaThetaEThr90



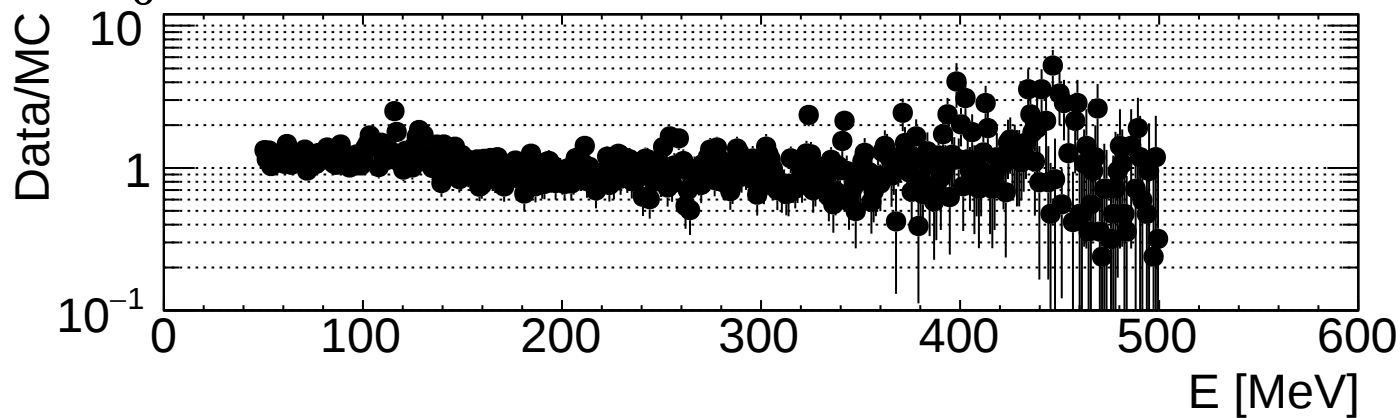
ECAL_Egg_10ns5DegreeDeltaTheta

PADME Internal

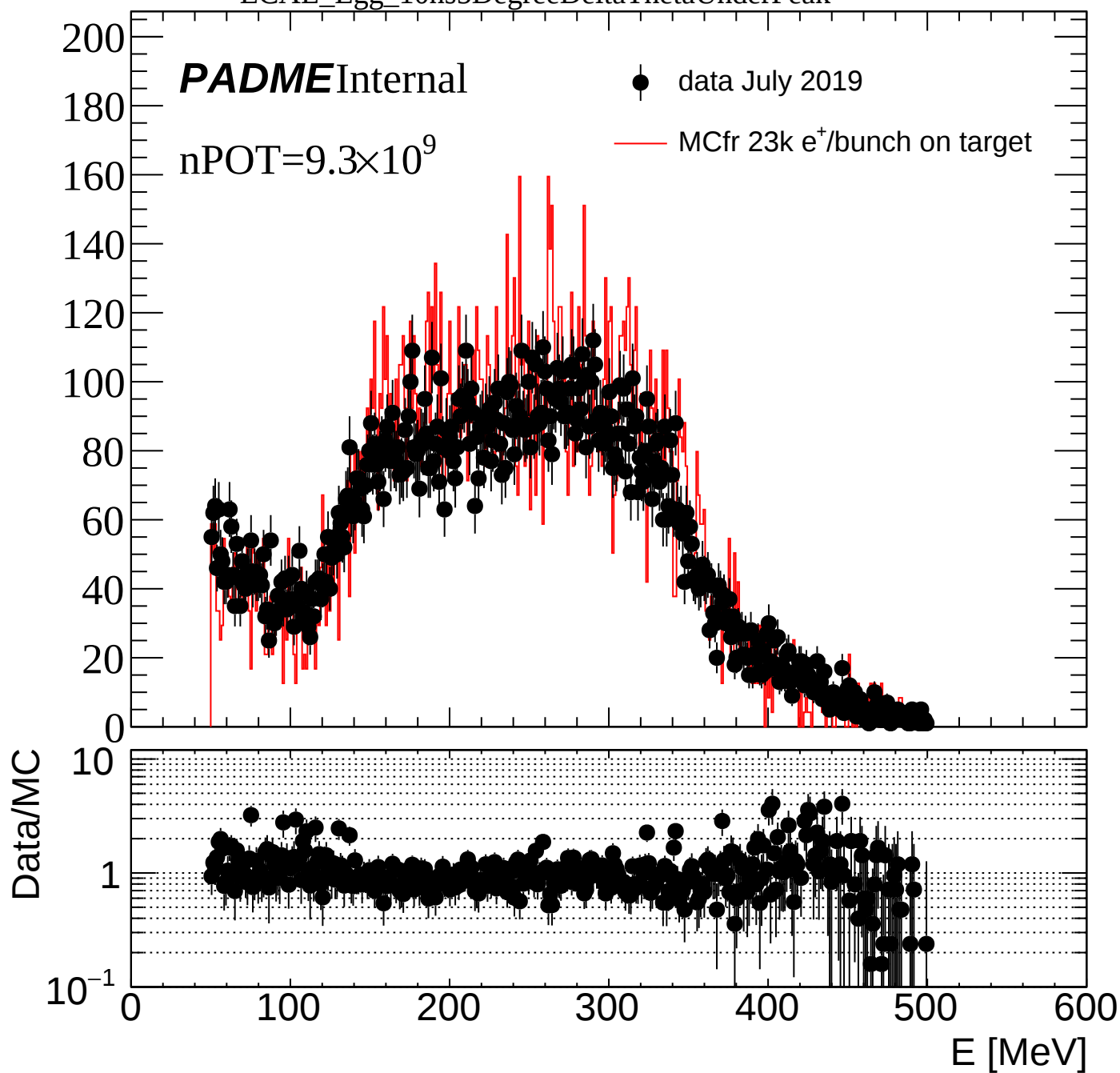
● data July 2019

— MCfr 23k e⁺/bunch on target

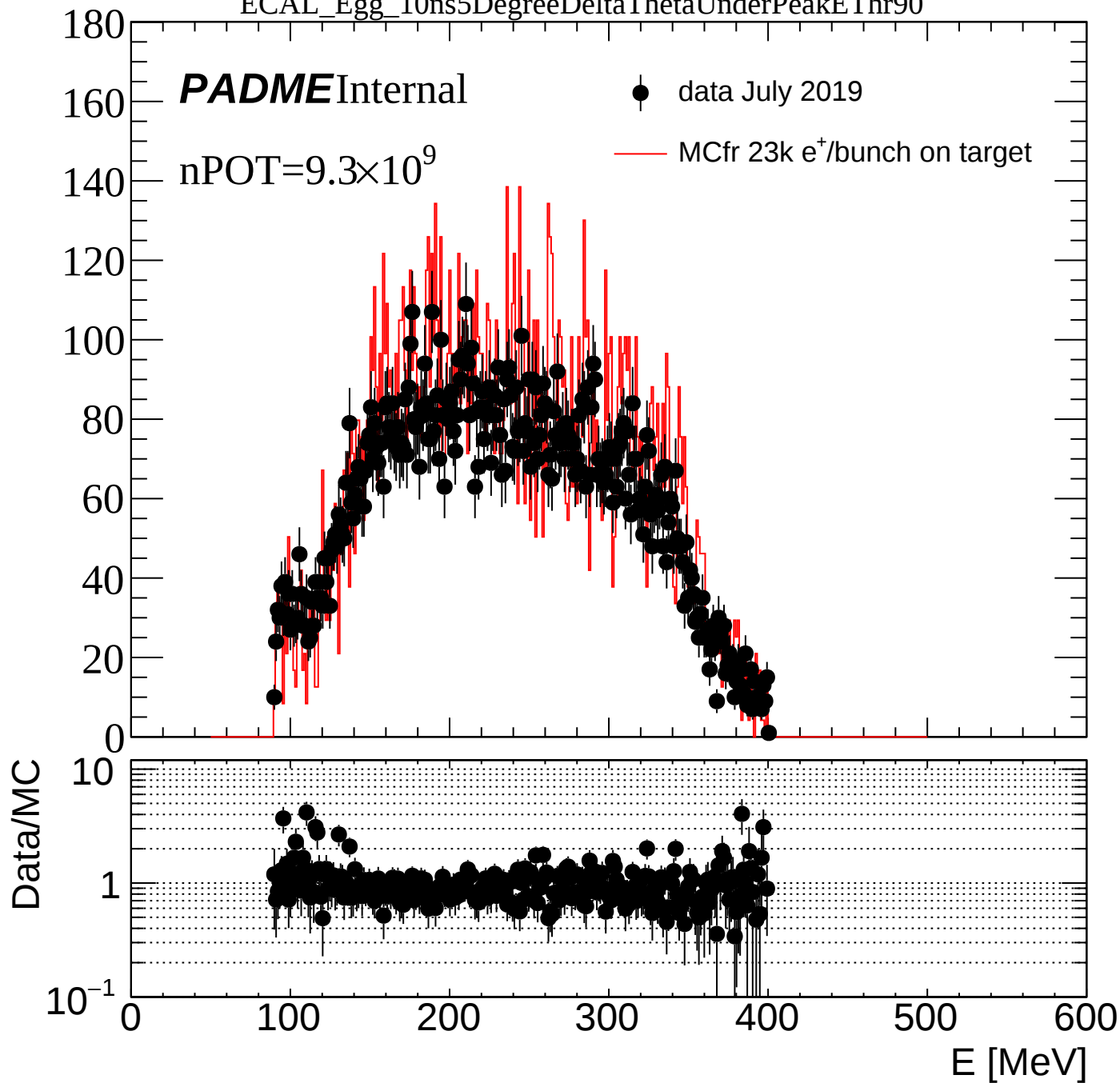
n_{POT}=9.3×10⁹



ECAL_Egg_10ns5DegreeDeltaThetaUnderPeak



ECAL_Egg_10ns5DegreeDeltaThetaUnderPeakEThr90



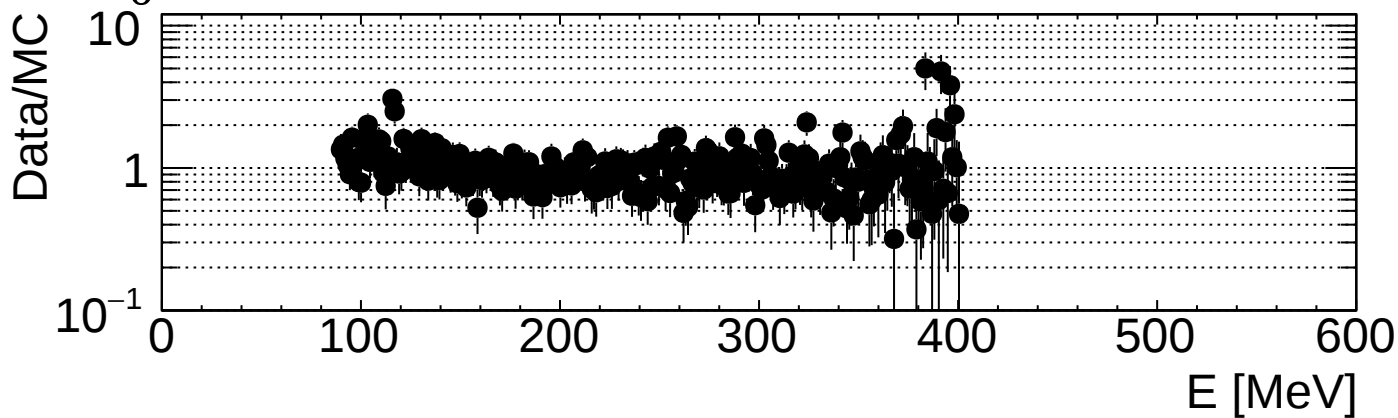
ECAL_Egg_10ns5DegreeDeltaThetaEThr90

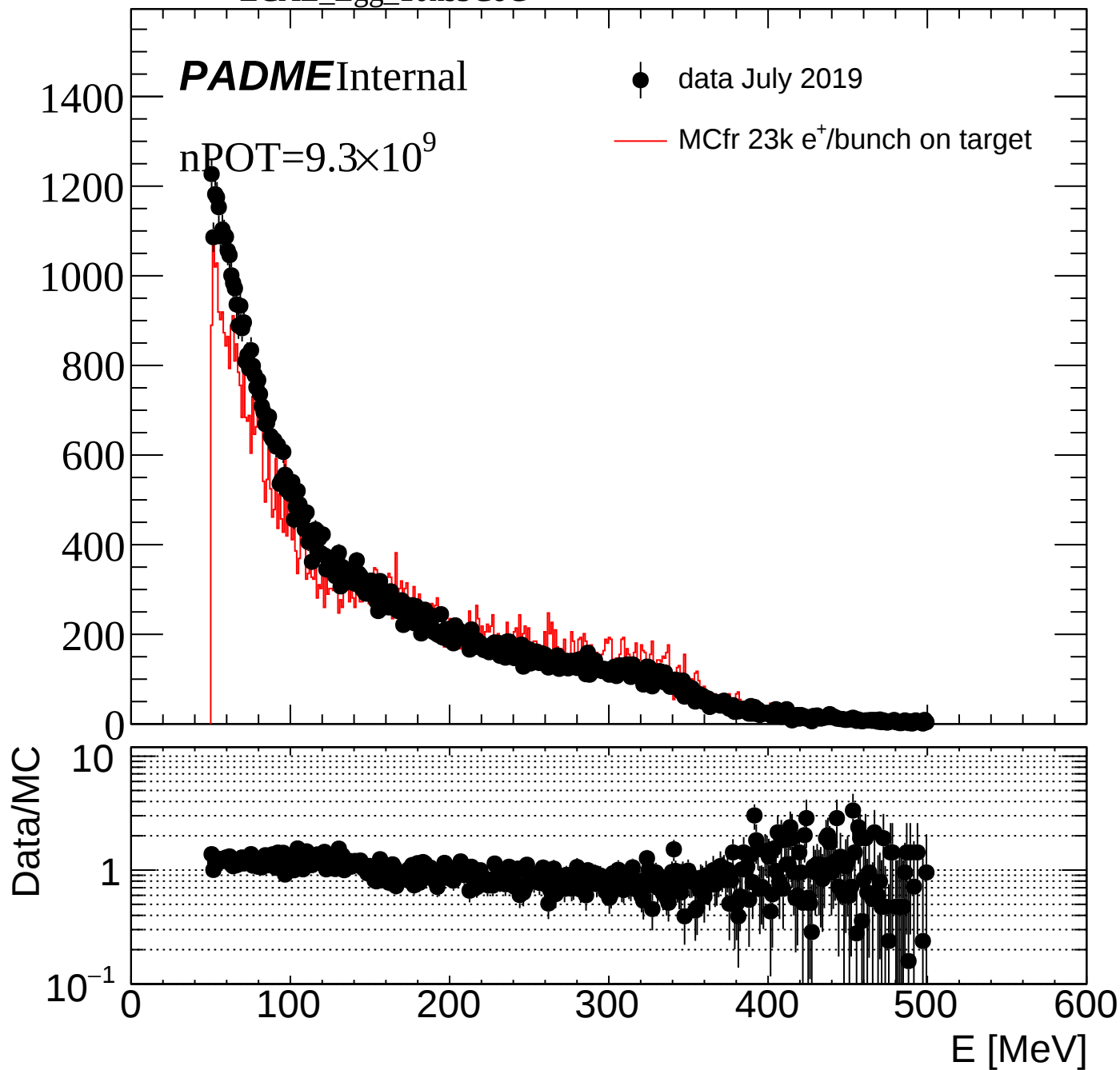
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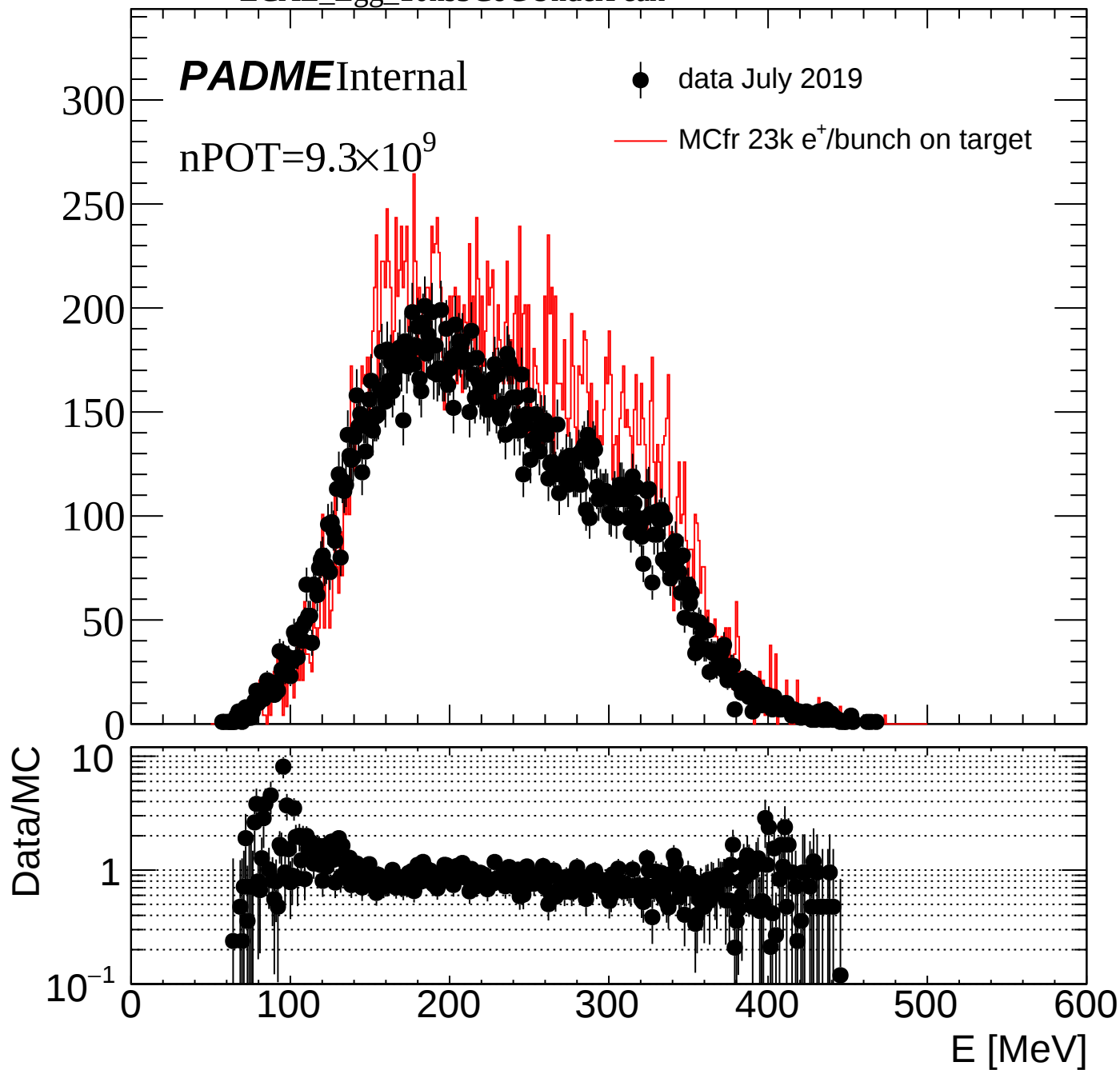
$nPOT=9.3 \times 10^9$

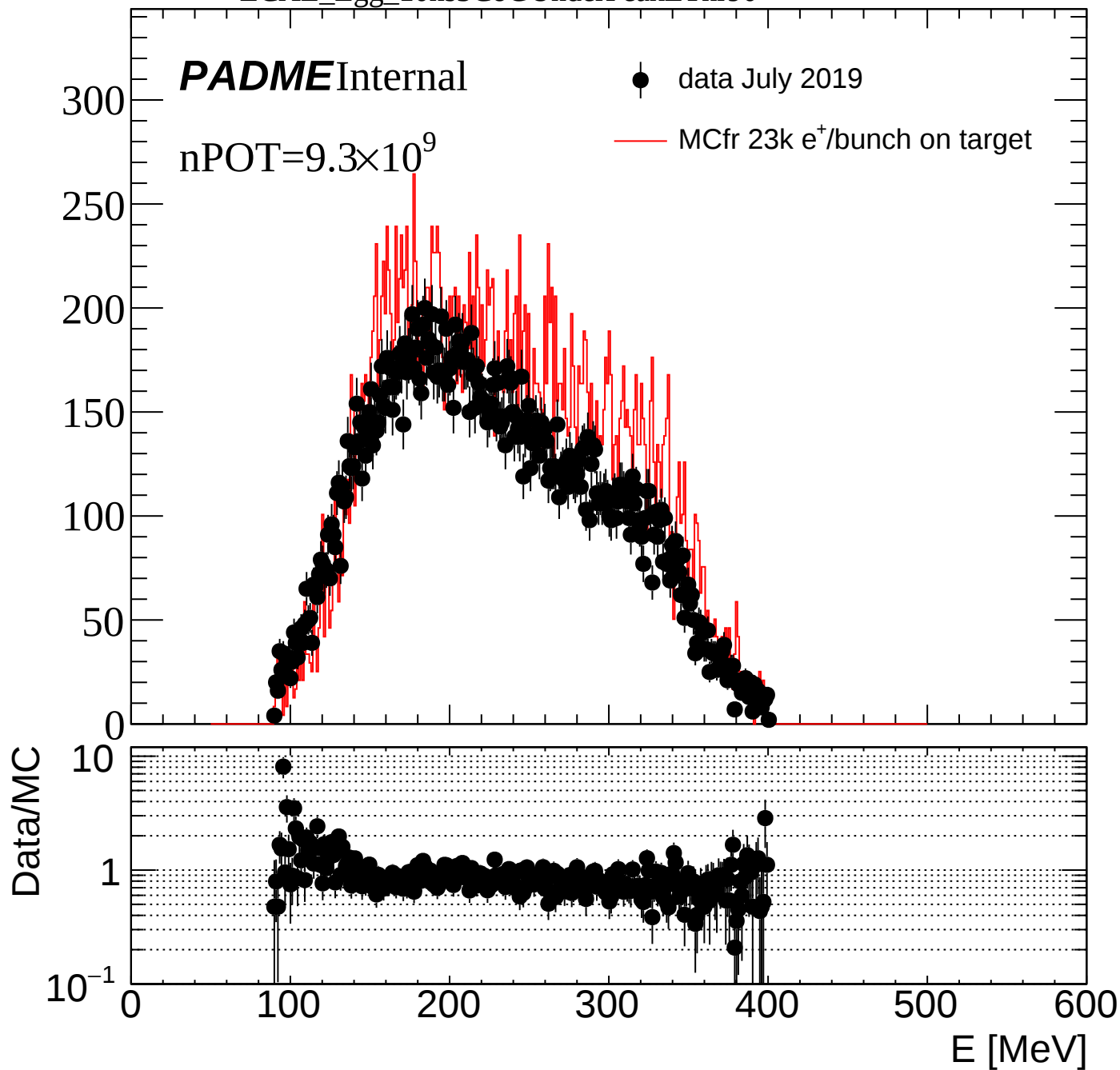
● data July 2019

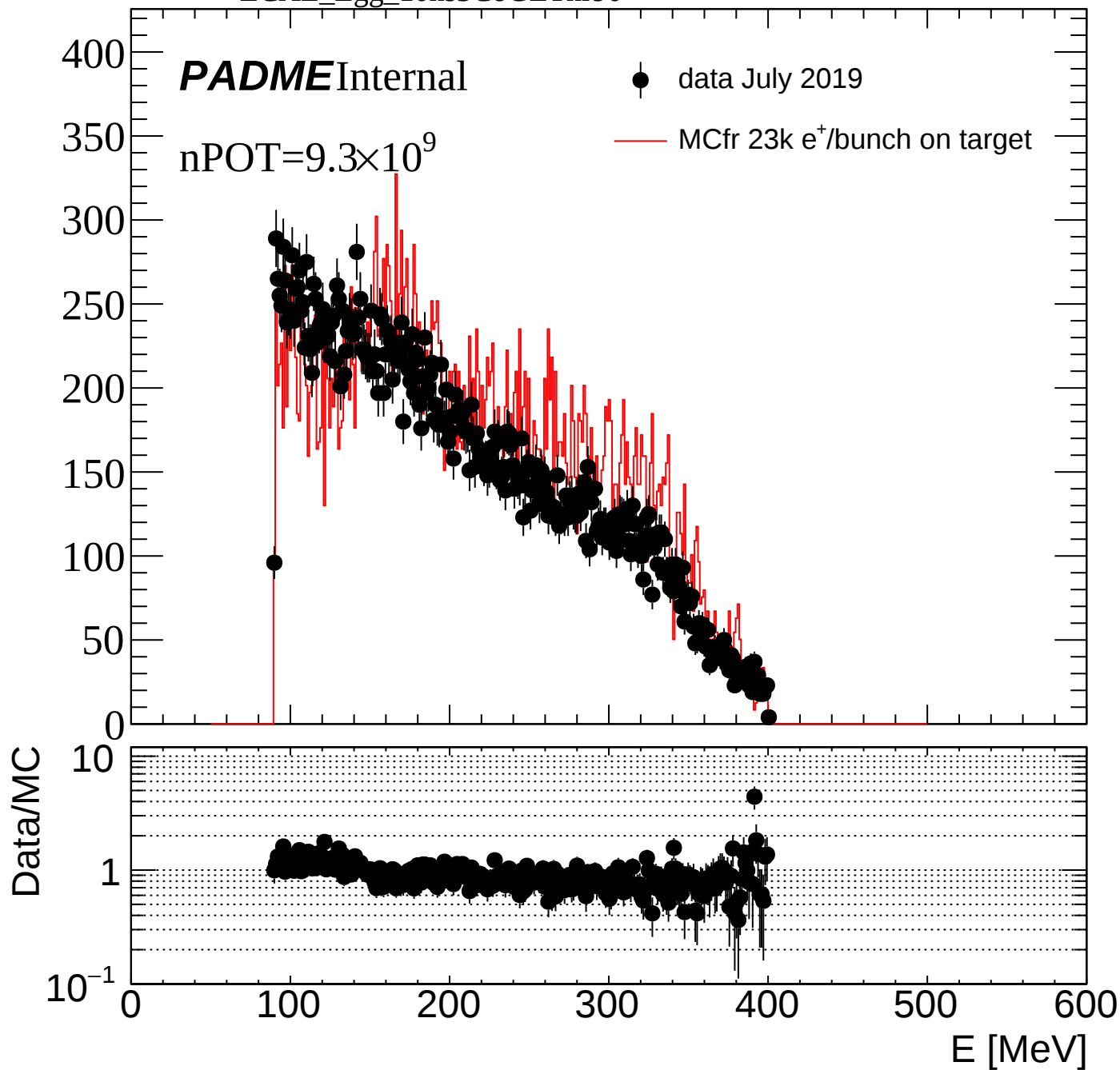
— MCfr 23k e⁺/bunch on target

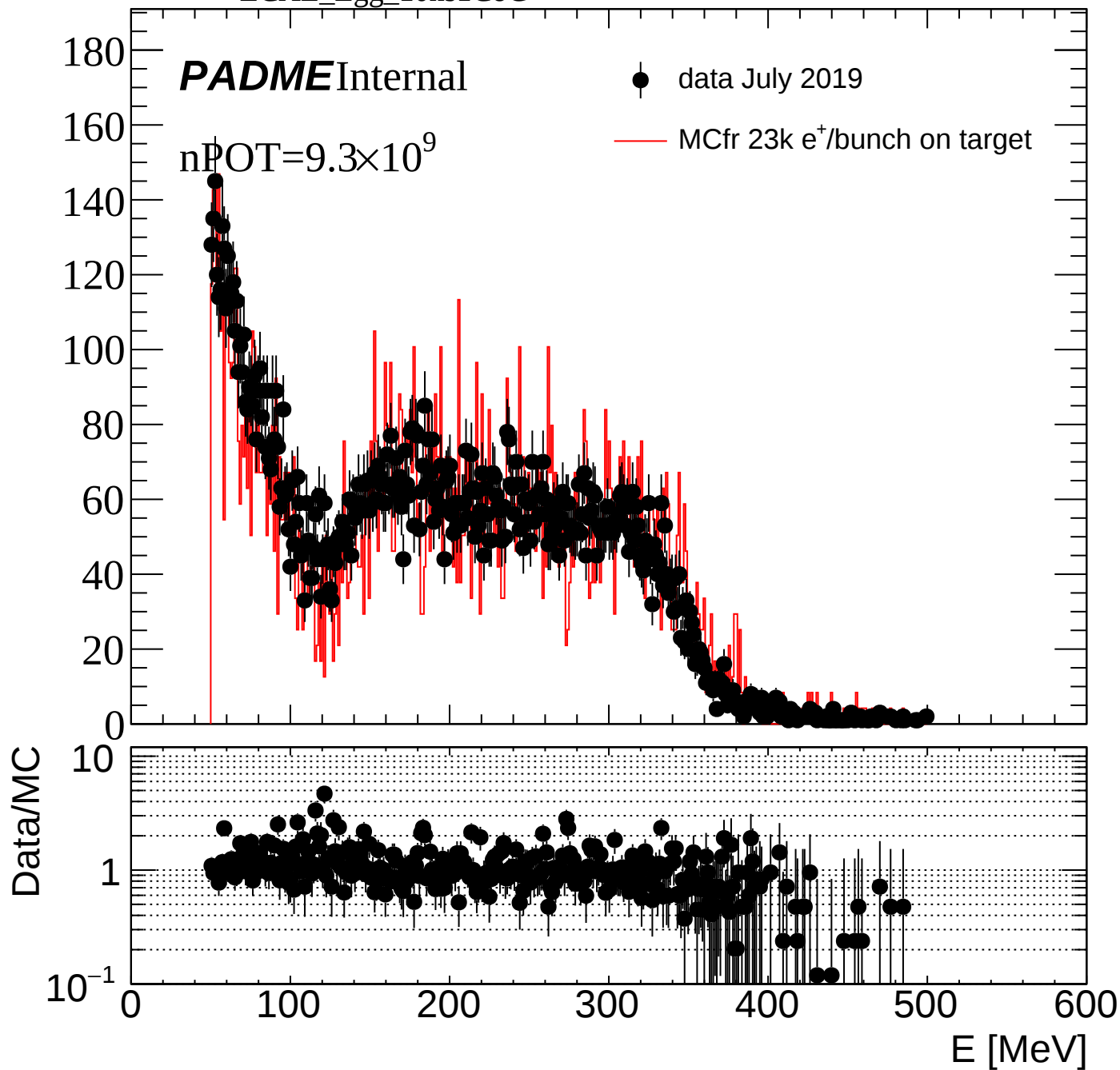




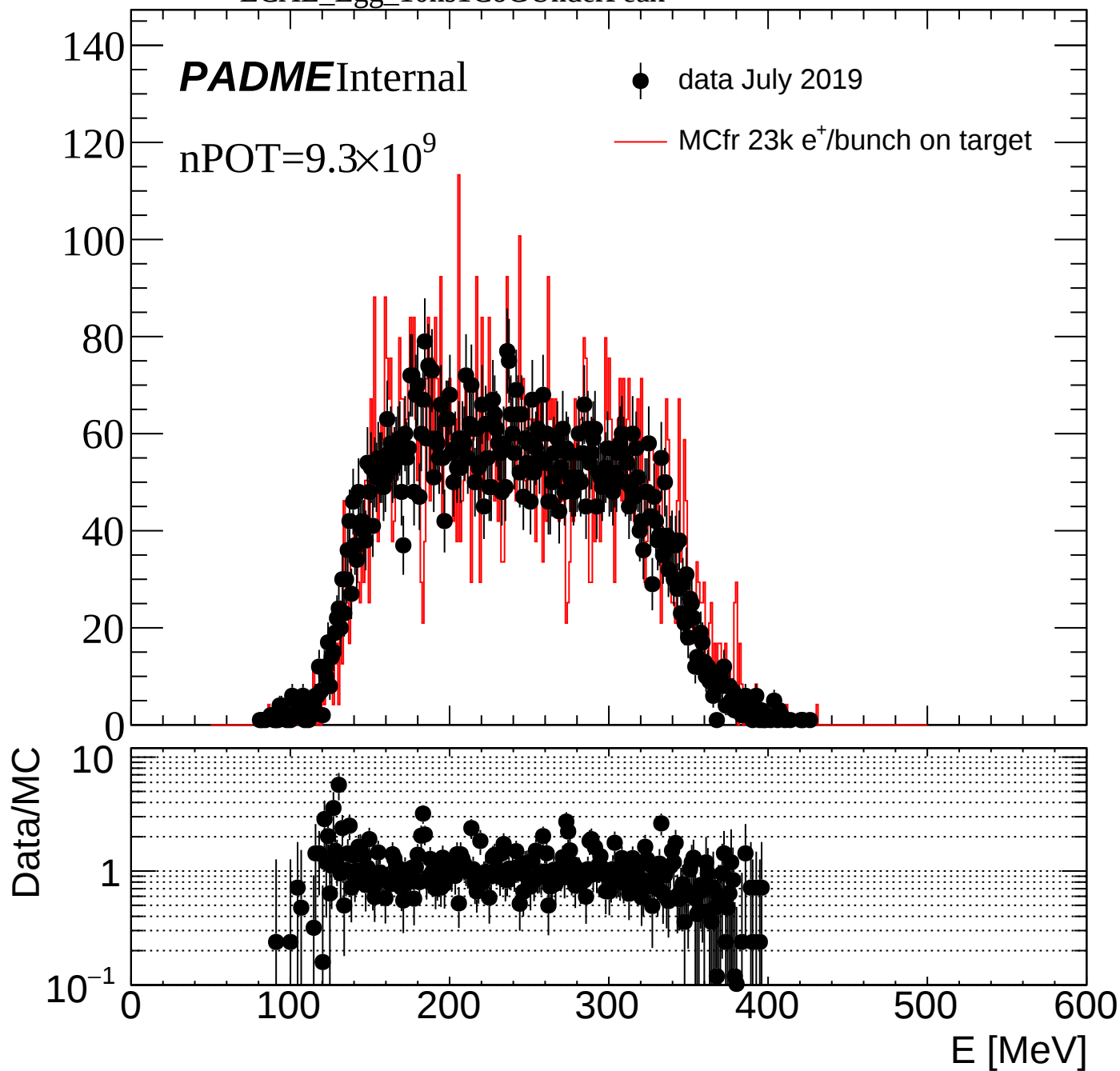




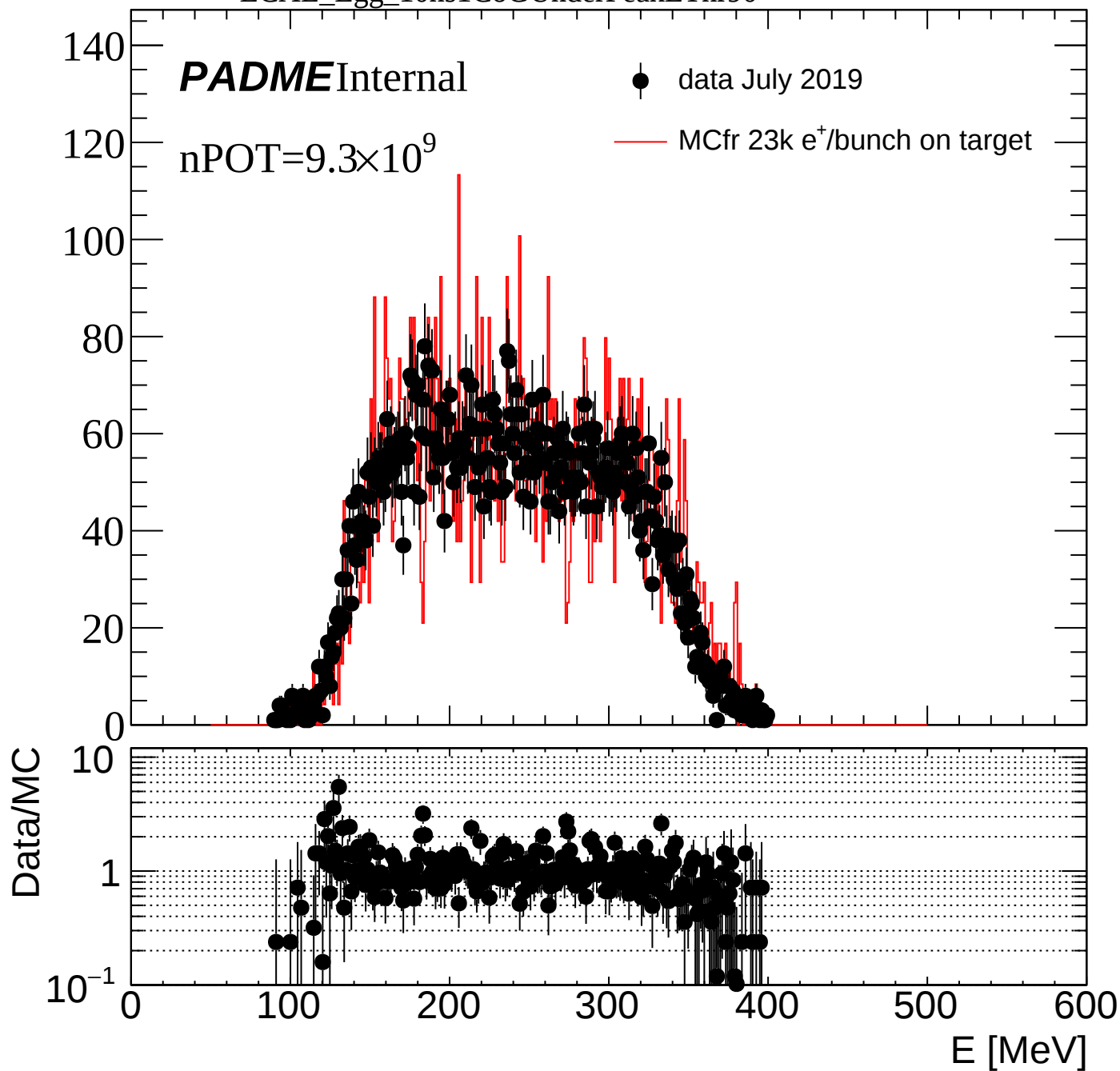


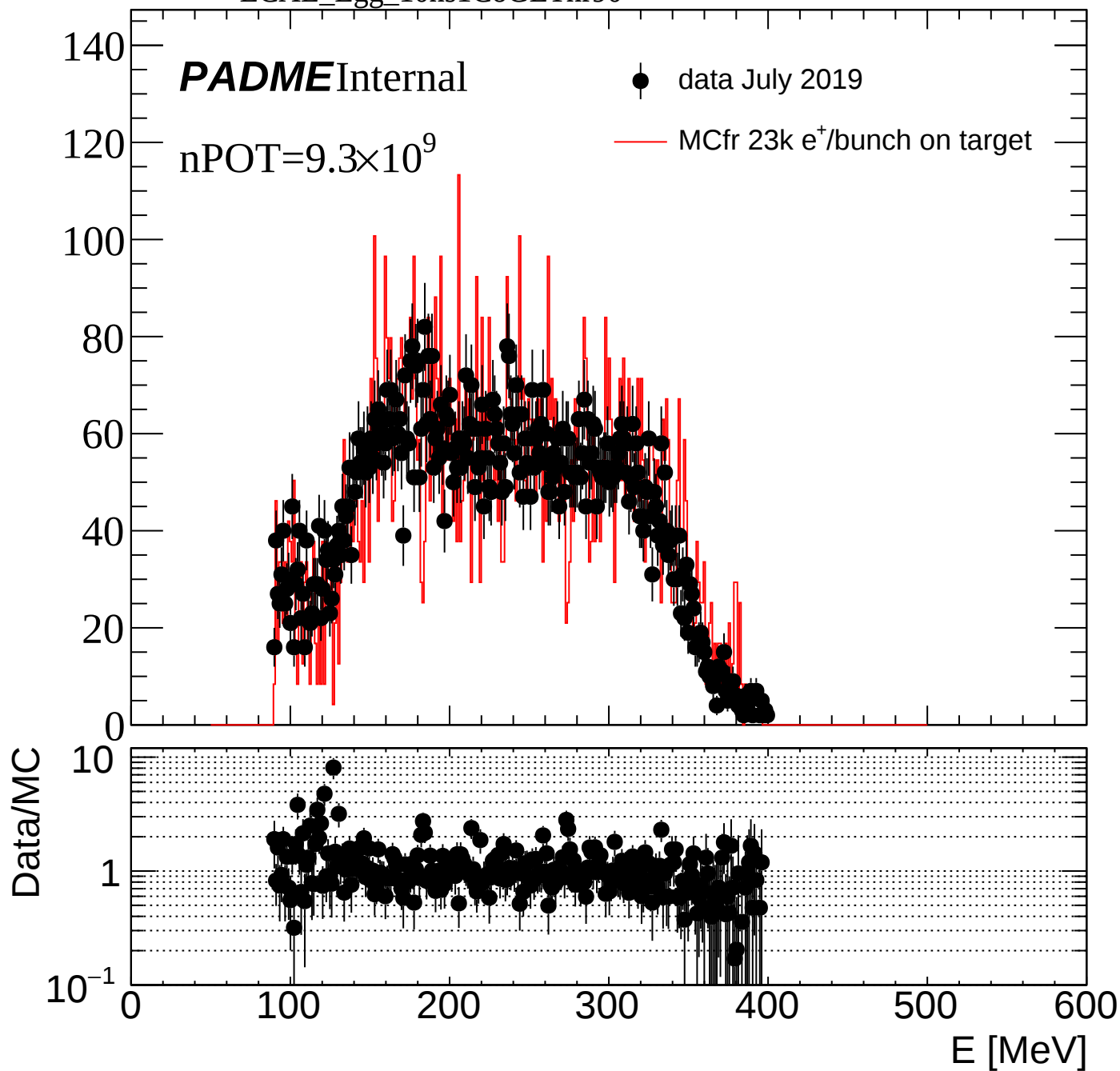


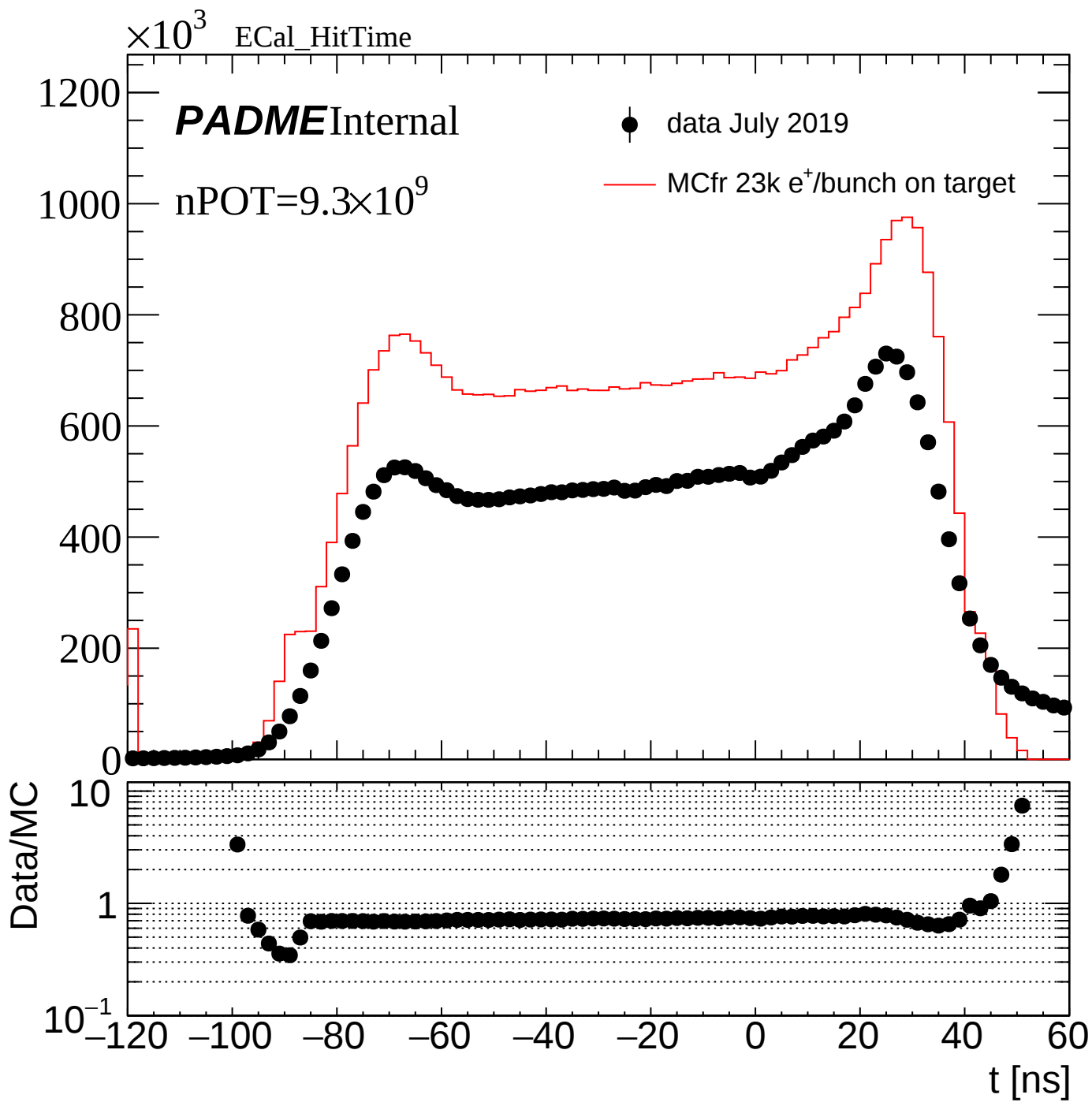
ECAL_Egg_10ns1CoGUnderPeak



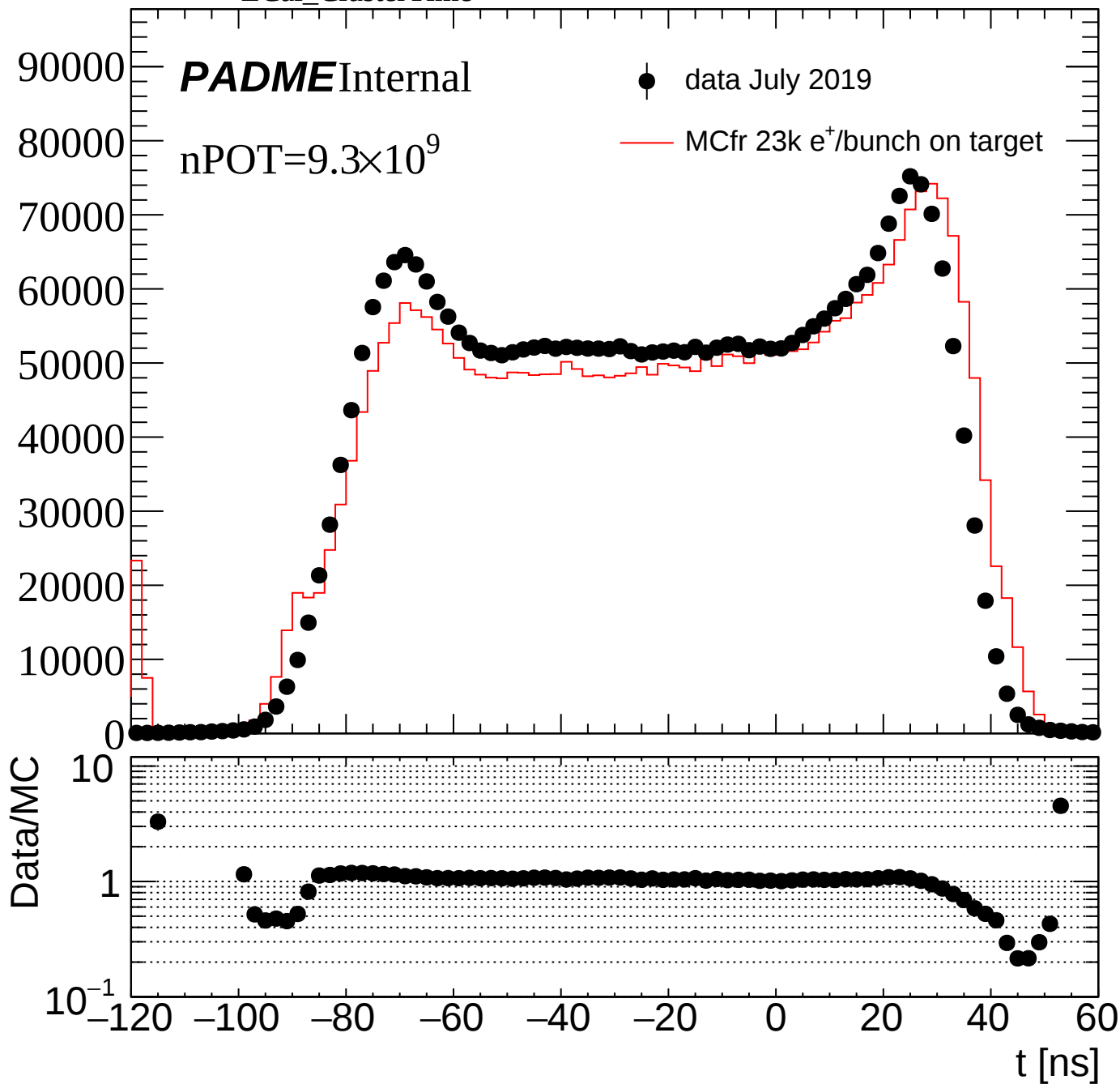
ECAL_Egg_10ns1CoGUnderPeakEThr90

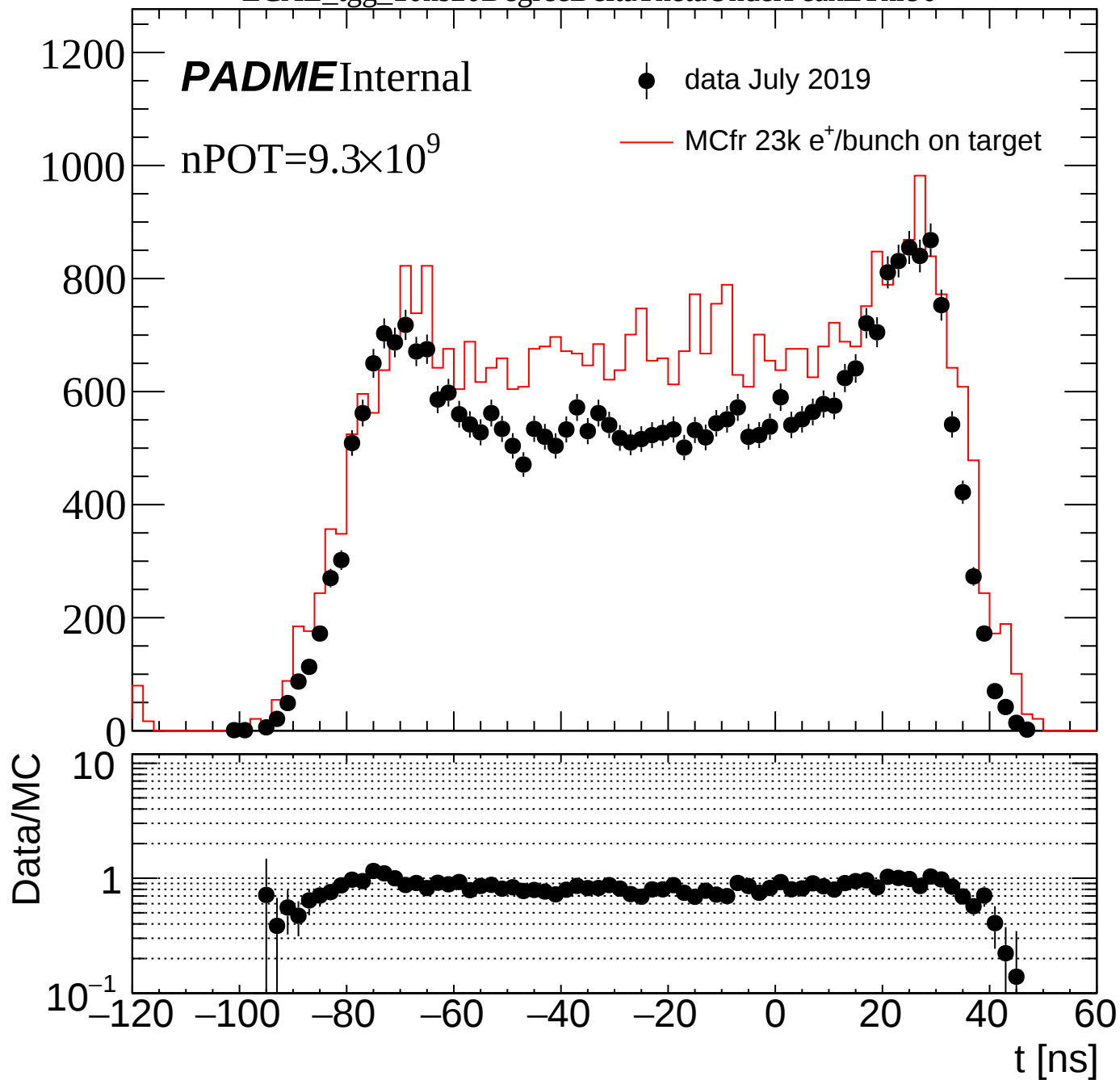




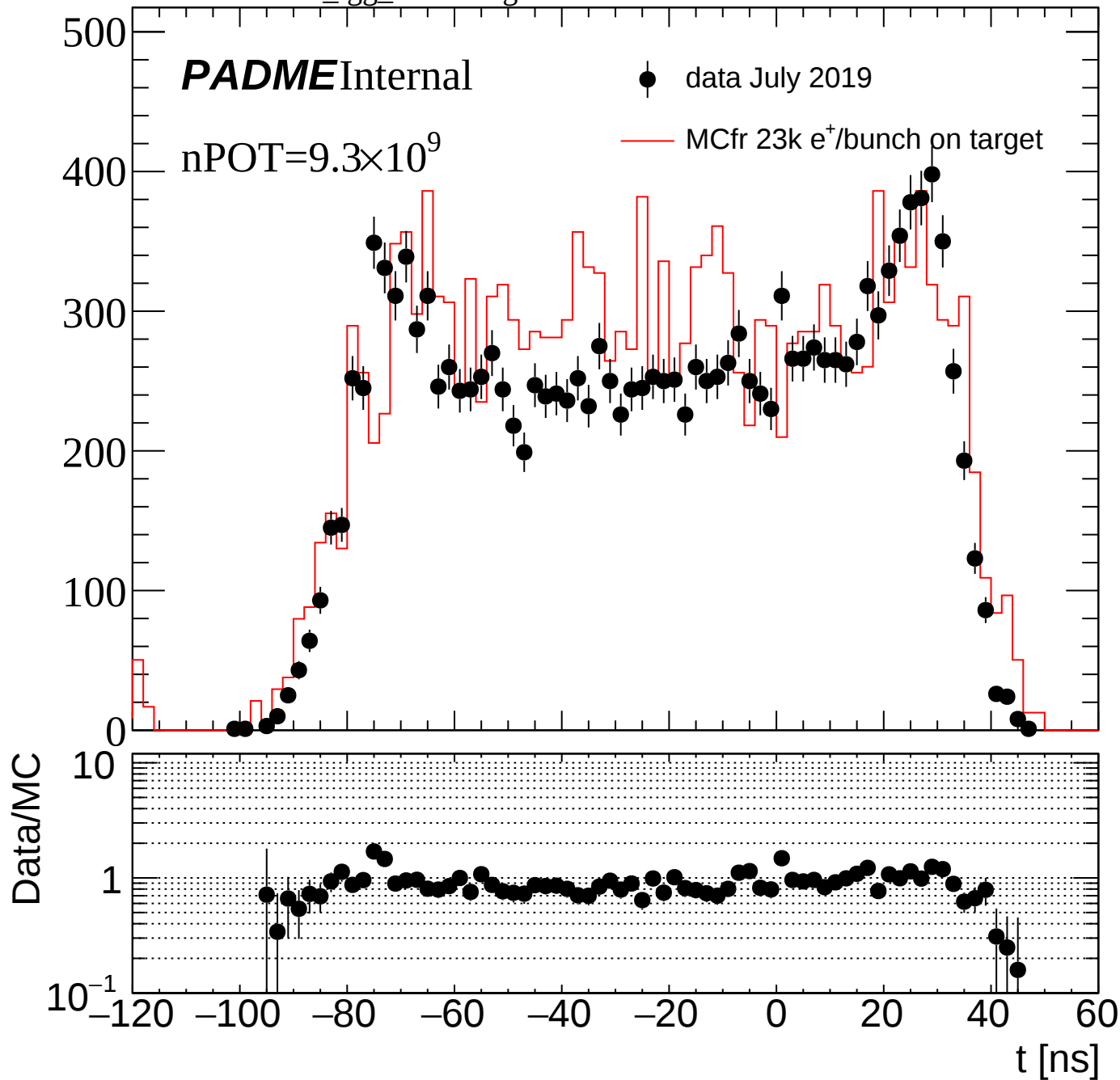


ECal_ClusterTime

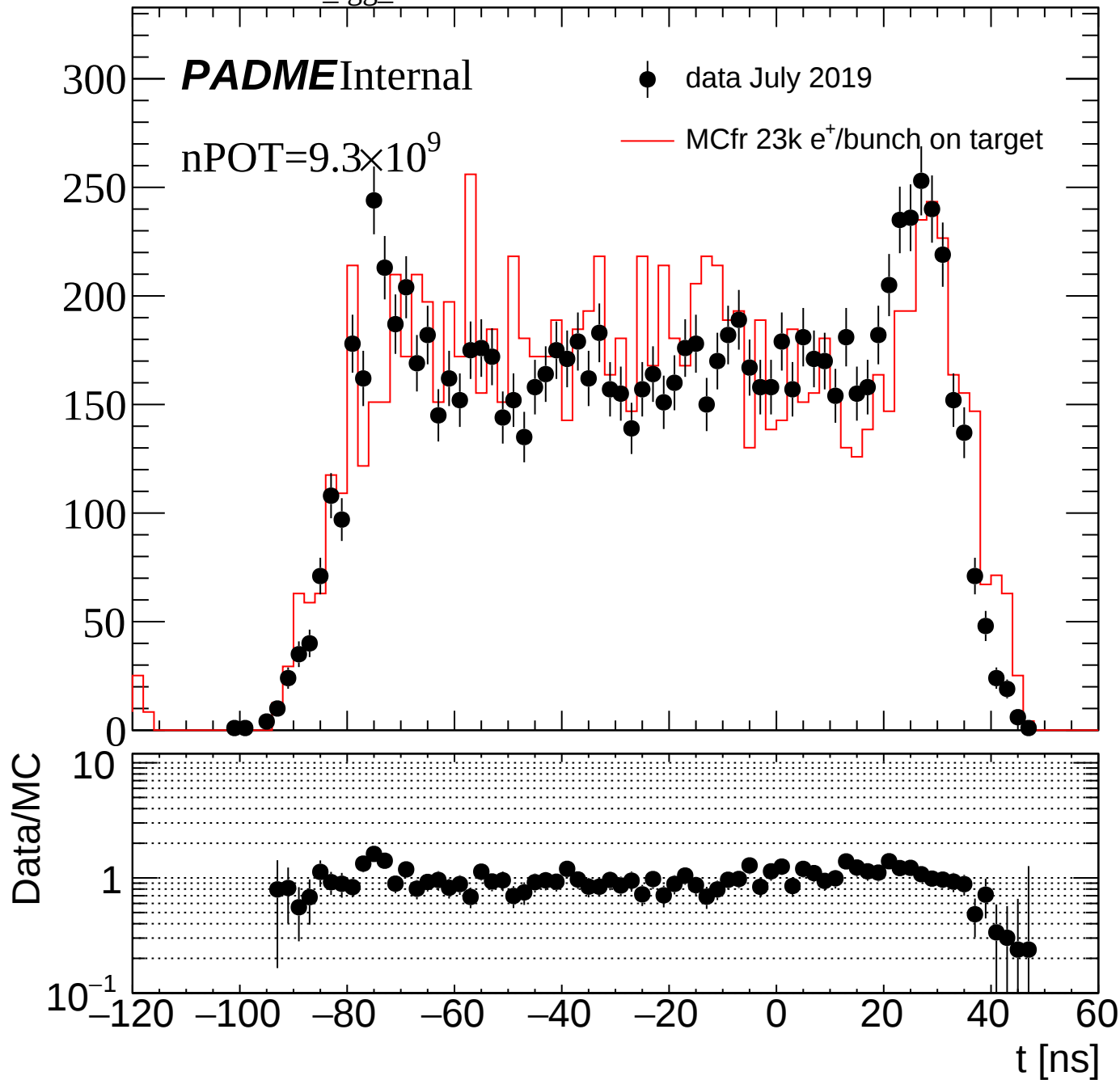




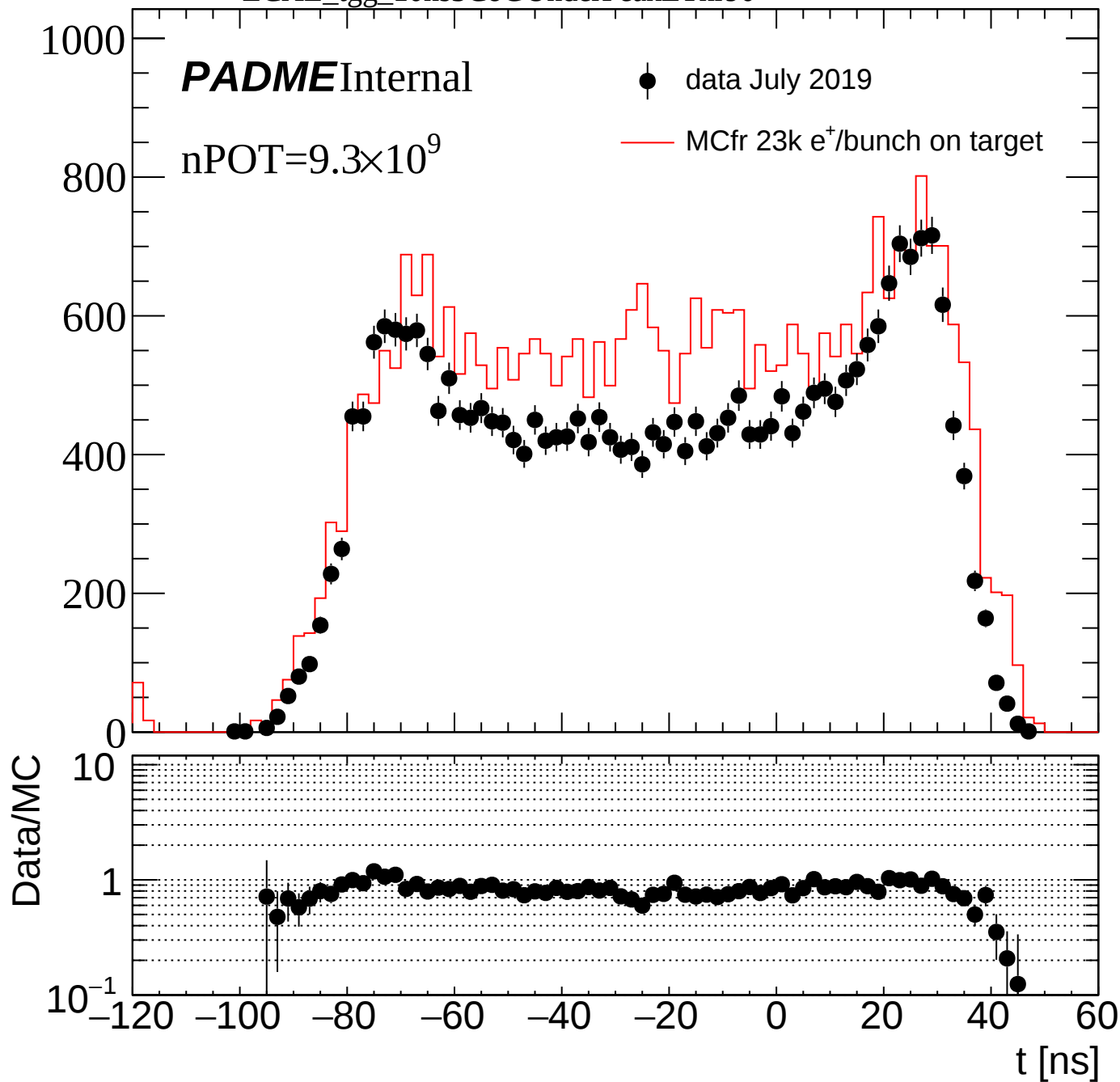
ECAL_tgg_10ns5DegreeDeltaThetaUnderPeakEThr90



ECAL_tgg_10ns1CoGUnderPeakEThr90



ECAL_tgg_10ns3CoGUnderPeakEThr90



ECAL_tgg_10ns3CoGUnderPeakEThr90

