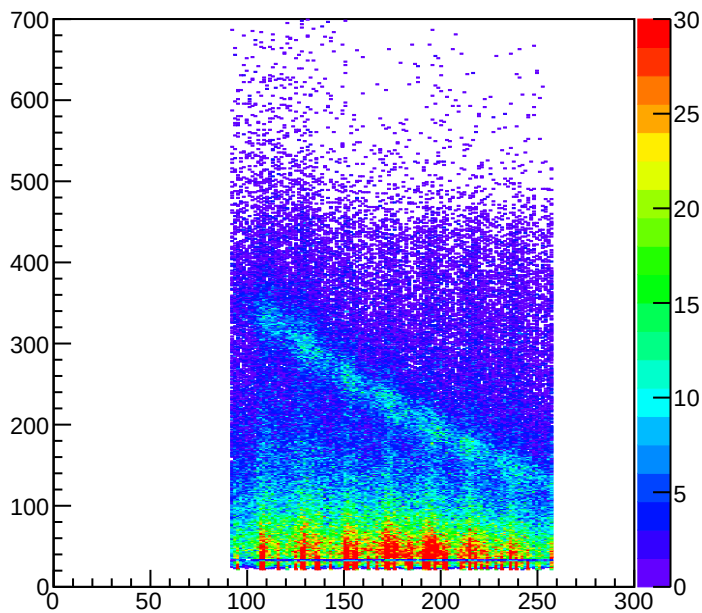
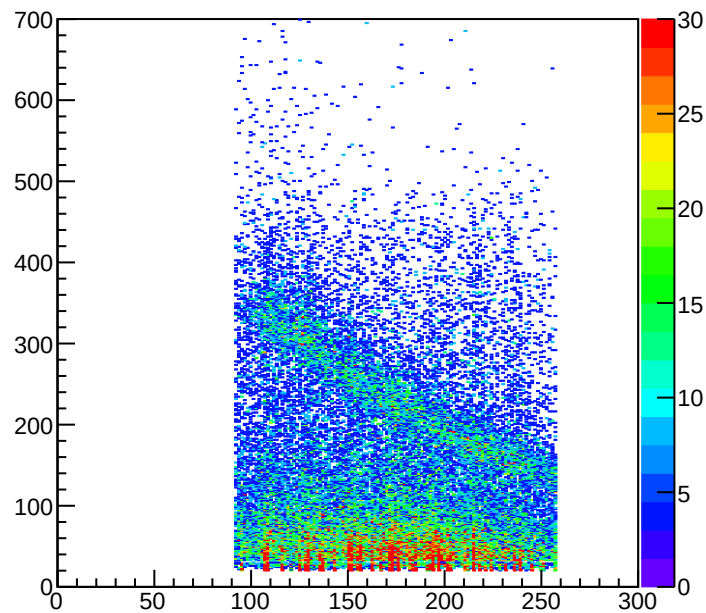


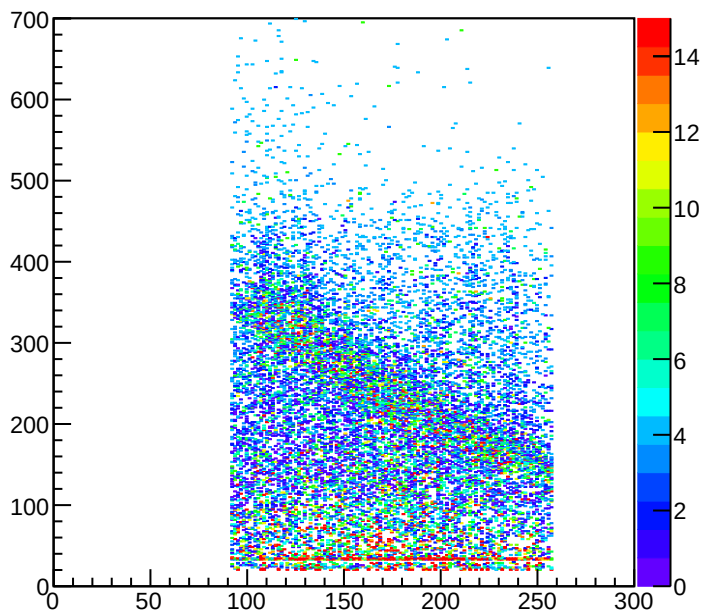
ECAL_RggVsEgg_10ns20DegreeDeltaTheta



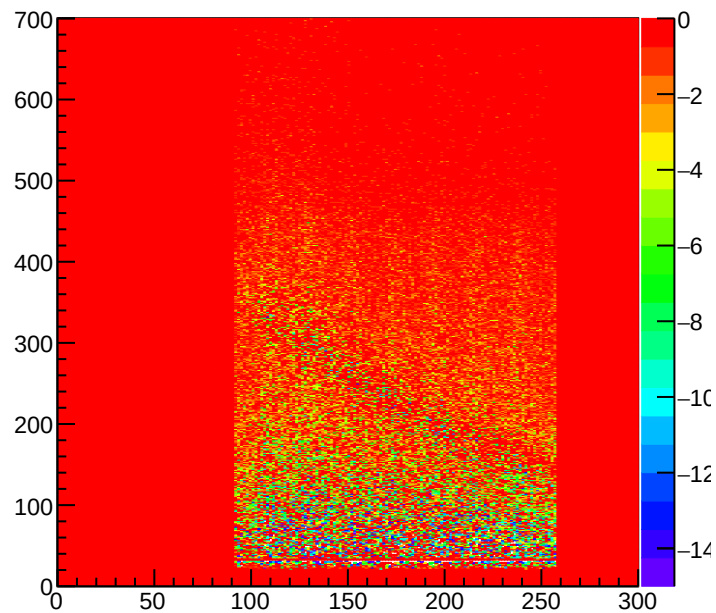
ECAL_RggVsEgg_10ns20DegreeDeltaTheta



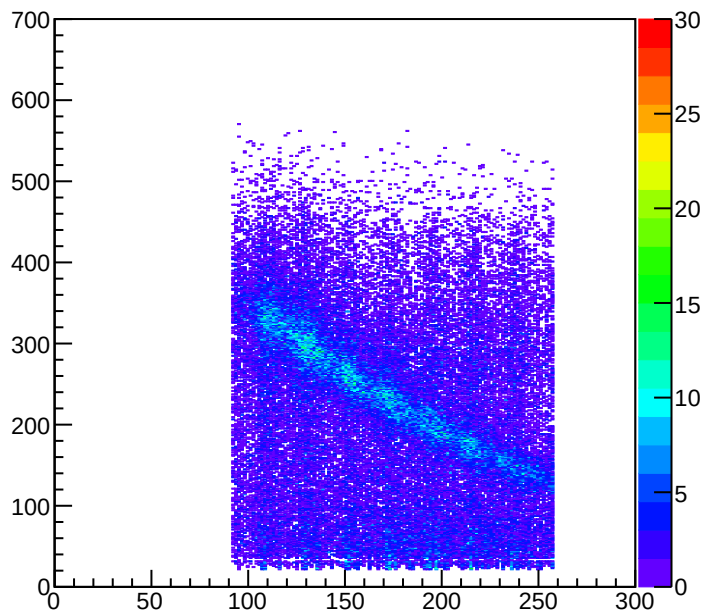
MC-Data>0



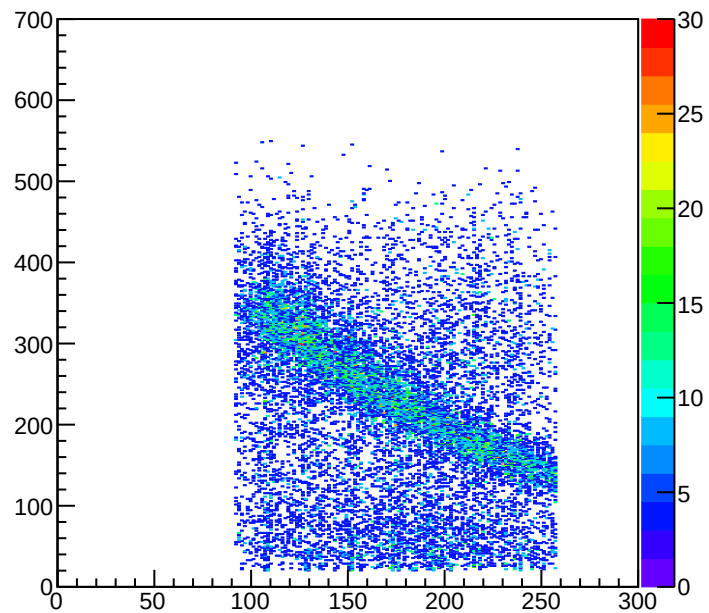
MC-Data<0



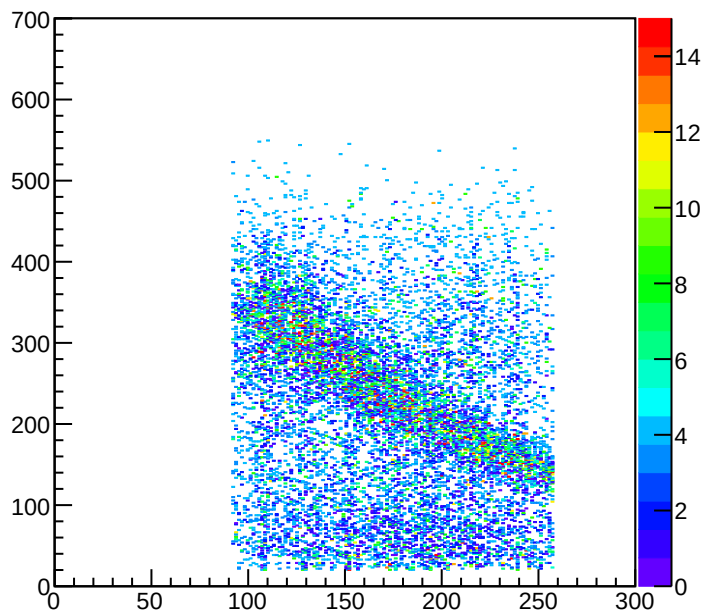
ECAL_RggVsEgg_10ns20DegreeDeltaThetaUnderPeak



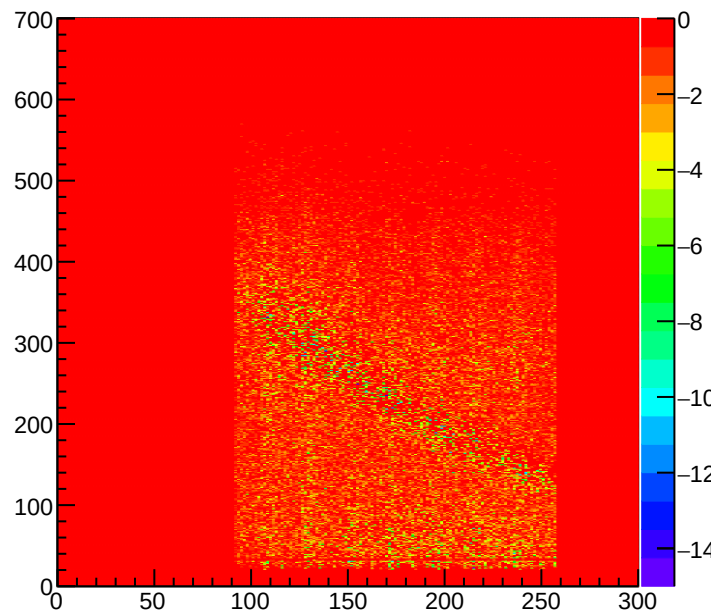
ECAL_RggVsEgg_10ns20DegreeDeltaThetaUnderPeak



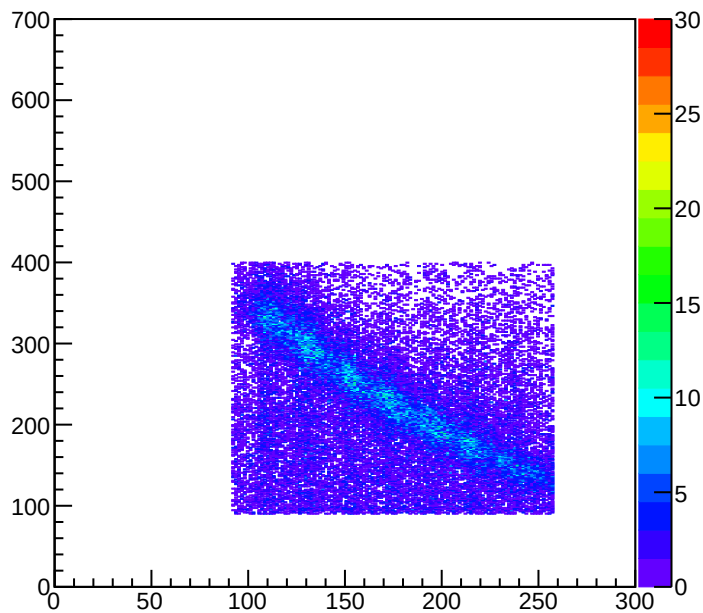
MC-Data>0



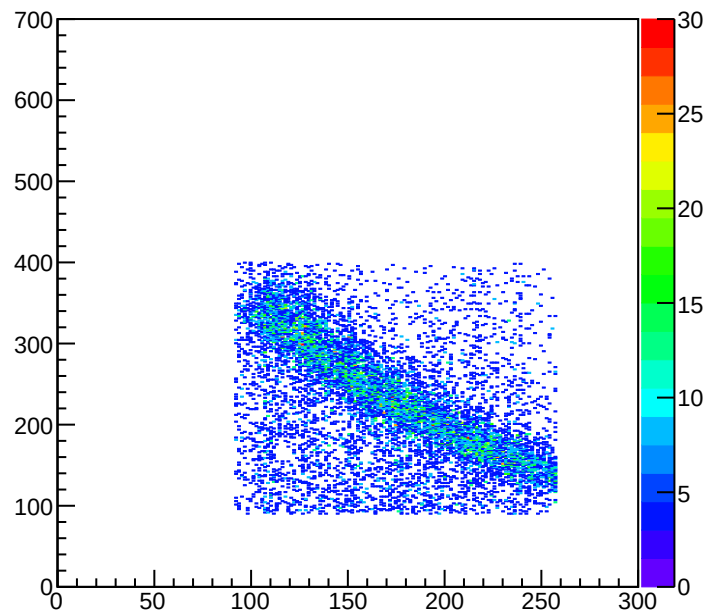
MC-Data<0



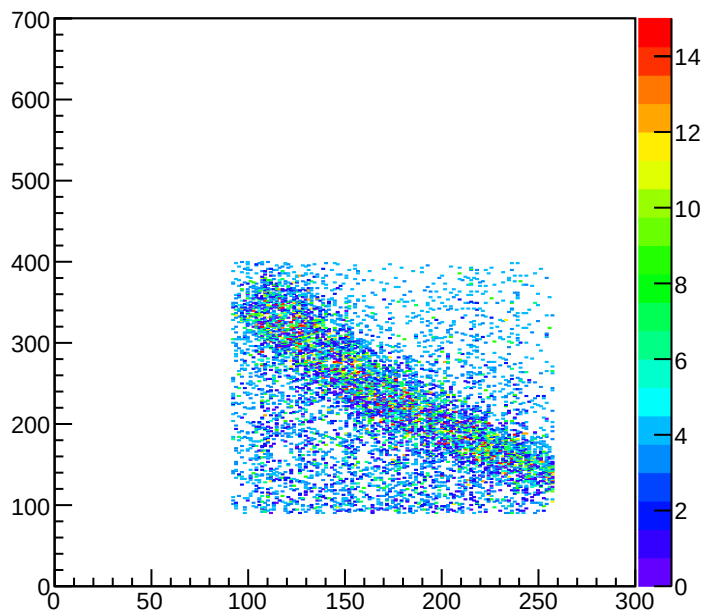
ECAL_RggVsEgg_10ns20DegreeDeltaThetaUnderPeakEThr90



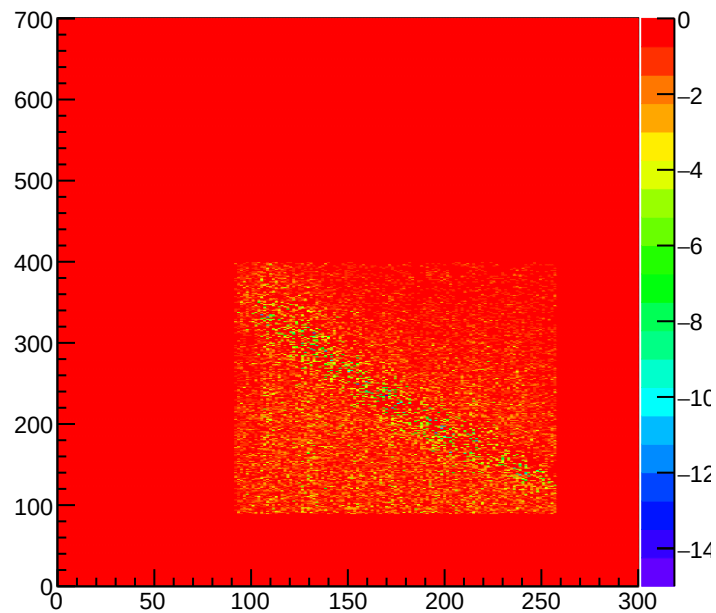
ECAL_RggVsEgg_10ns20DegreeDeltaThetaUnderPeakEThr90



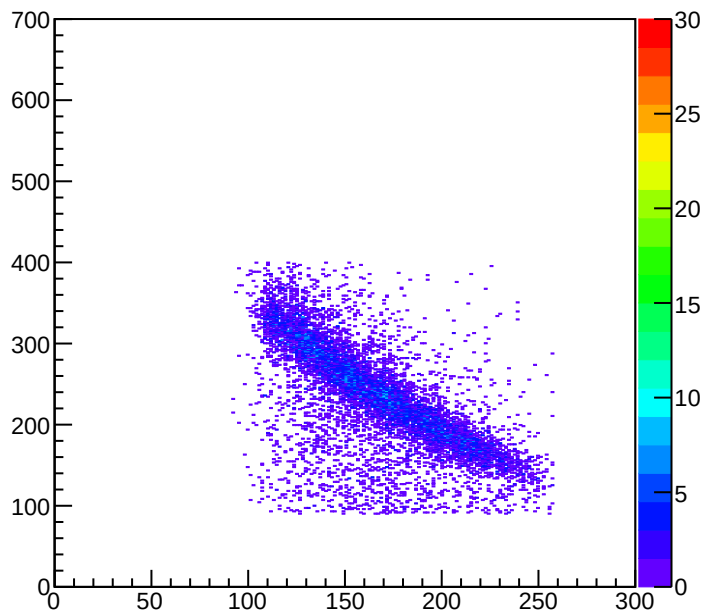
MC-Data>0



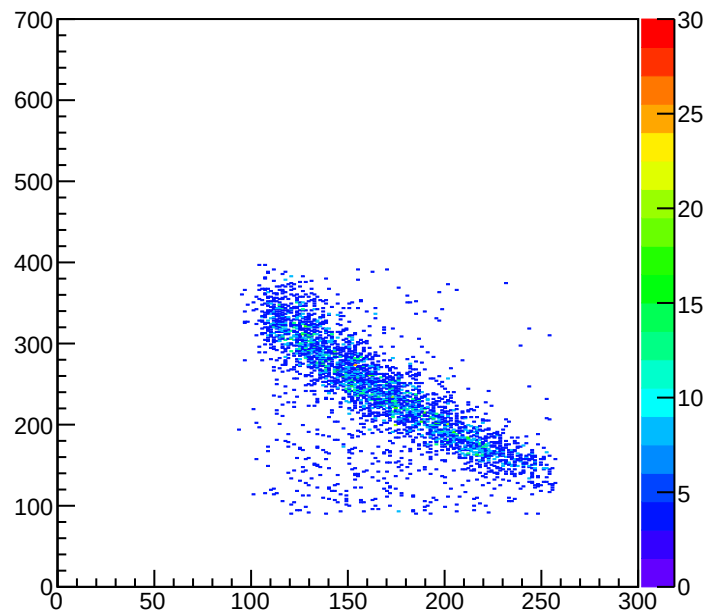
MC-Data<0



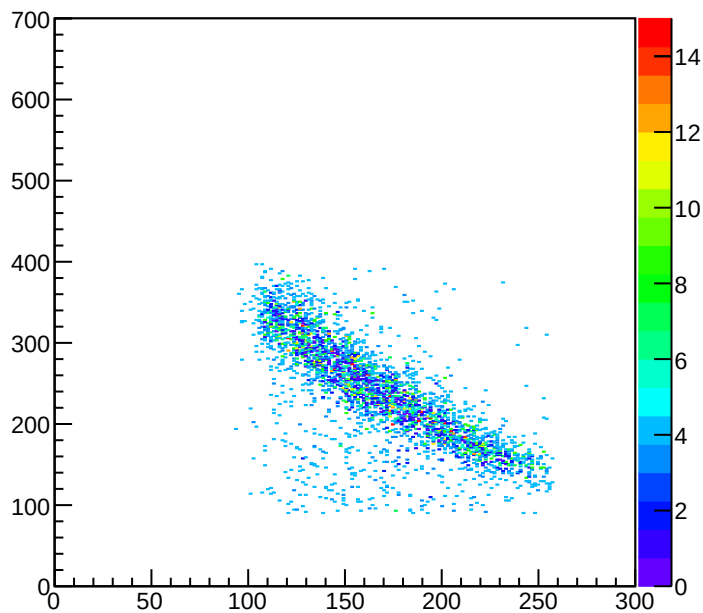
ECAL_RggVsEgg_10ns20DegreeDeltaThetaUnderPeakEThr90_FRY



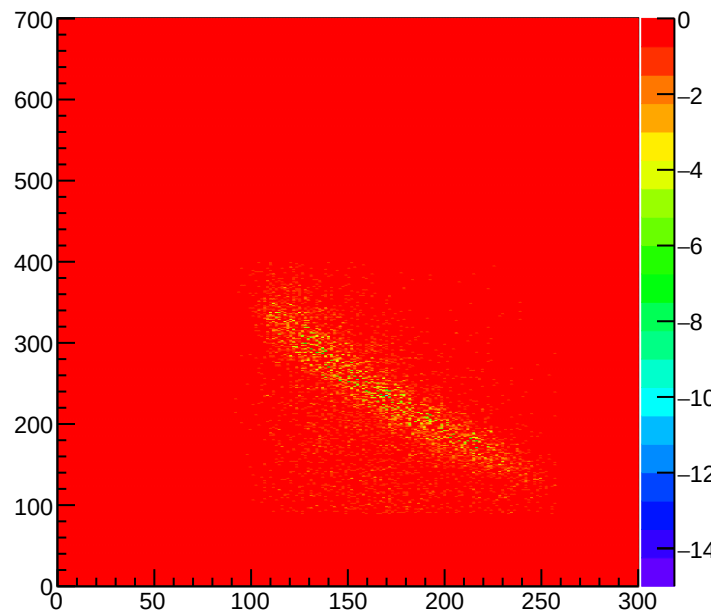
ECAL_RggVsEgg_10ns20DegreeDeltaThetaUnderPeakEThr90_FRY



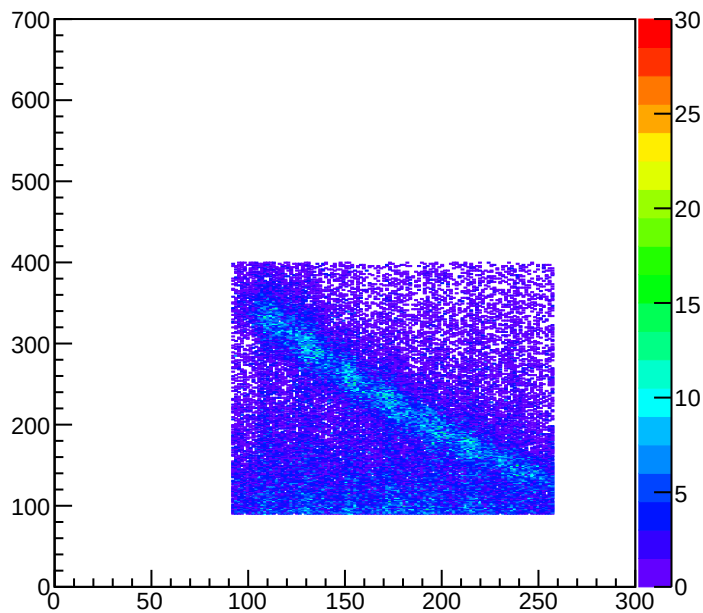
MC-Data>0



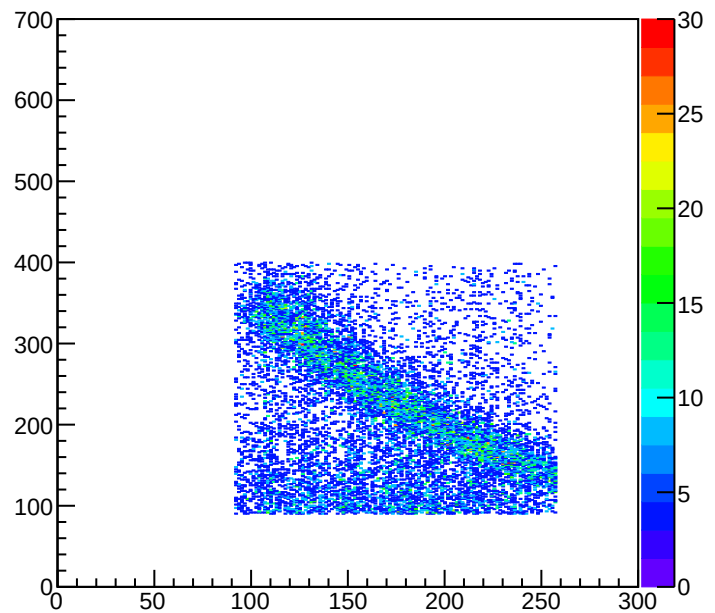
MC-Data<0



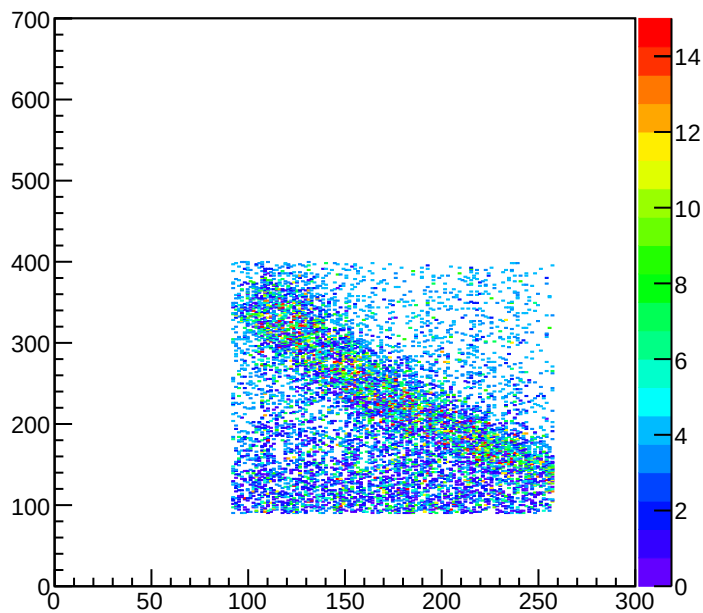
ECAL_RggVsEgg_10ns20DegreeDeltaThetaEThr90



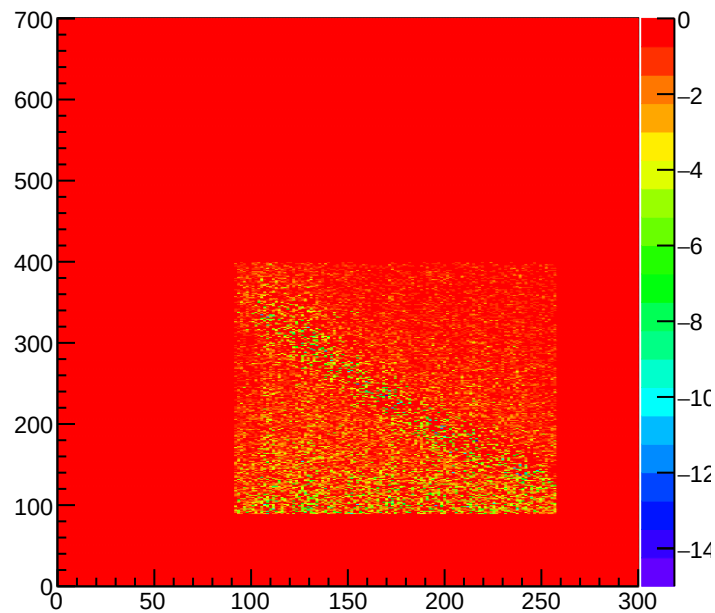
ECAL_RggVsEgg_10ns20DegreeDeltaThetaEThr90



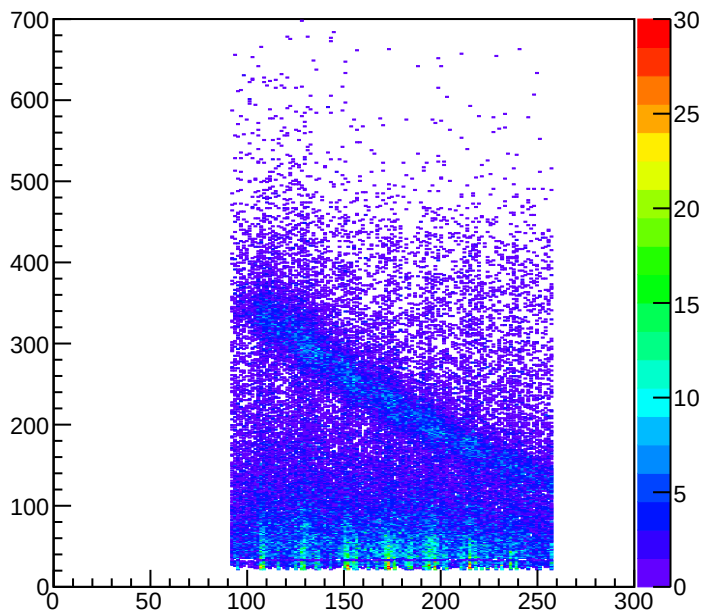
MC-Data>0



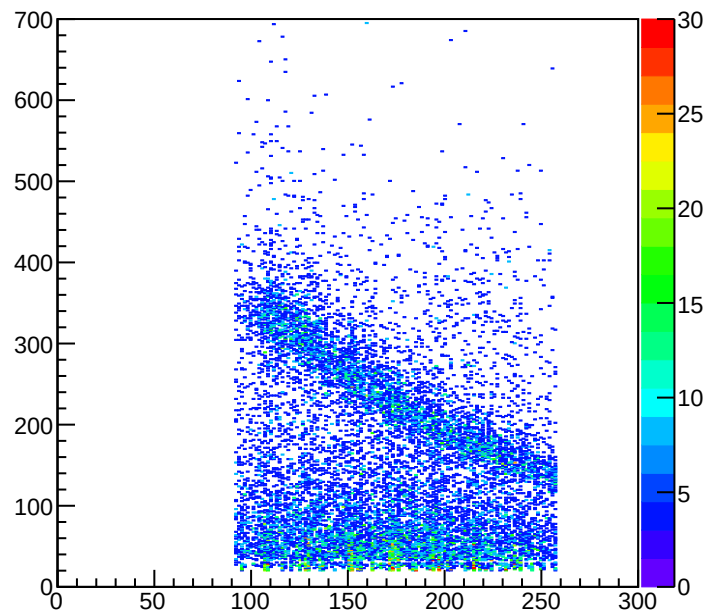
MC-Data<0



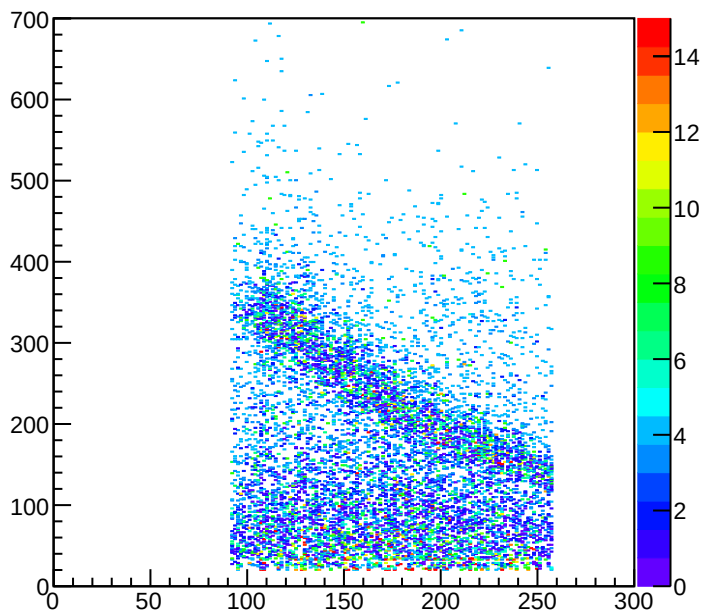
ECAL_RggVsEgg_10ns5DegreeDeltaTheta



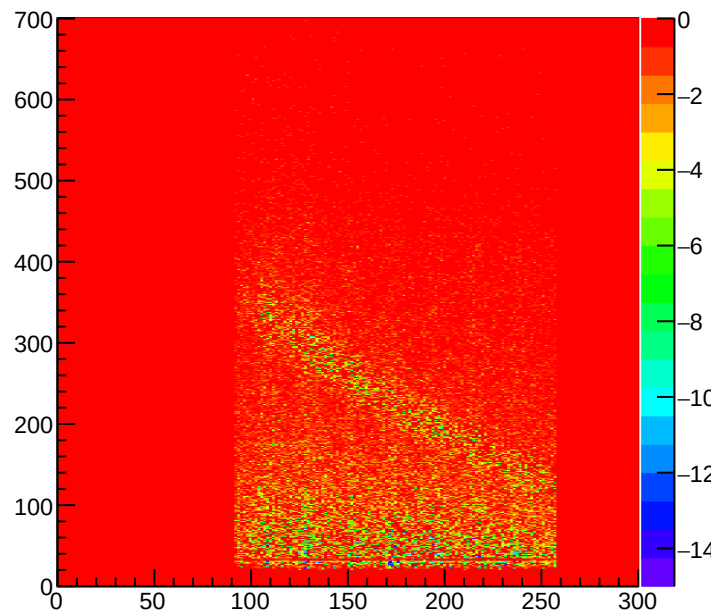
ECAL_RggVsEgg_10ns5DegreeDeltaTheta



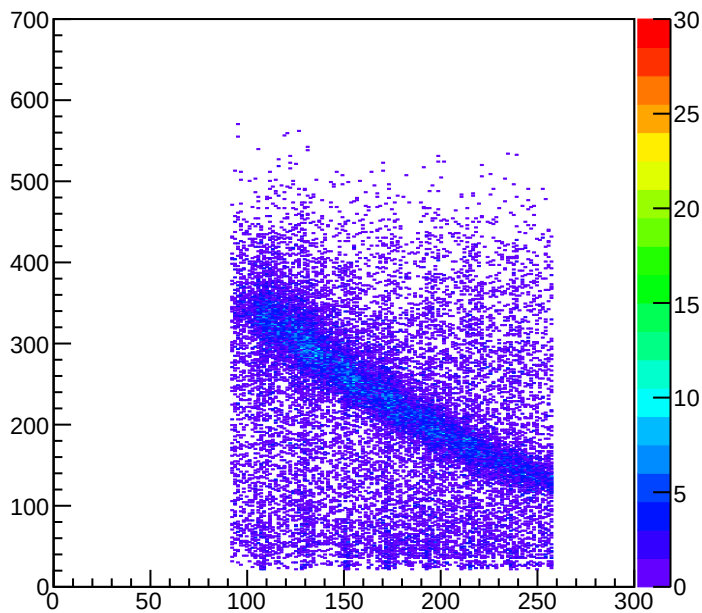
MC-Data>0



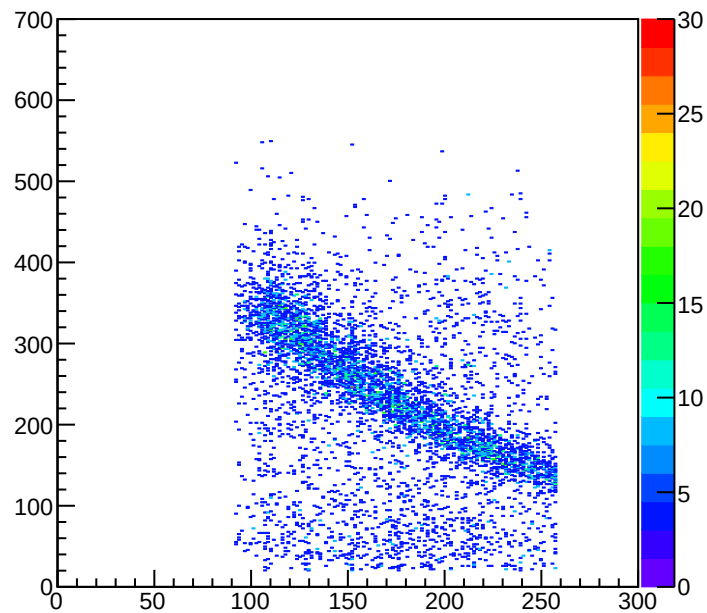
MC-Data<0



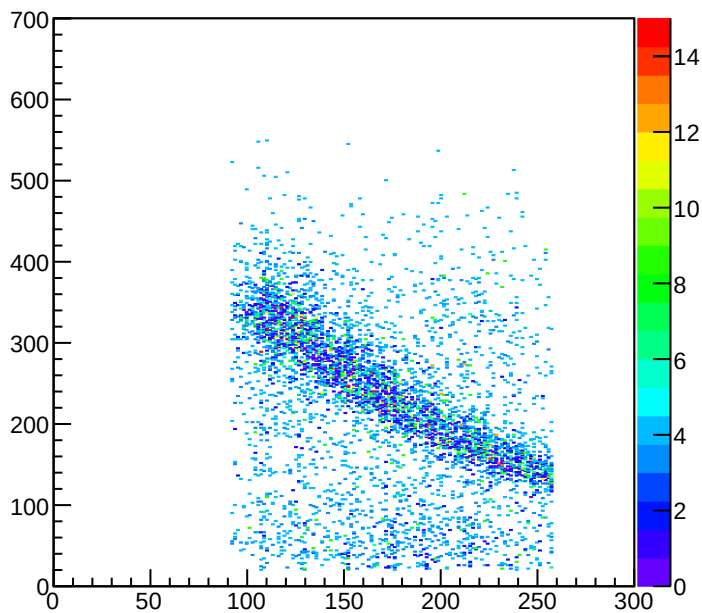
ECAL_RggVsEgg_10ns5DegreeDeltaThetaUnderPeak



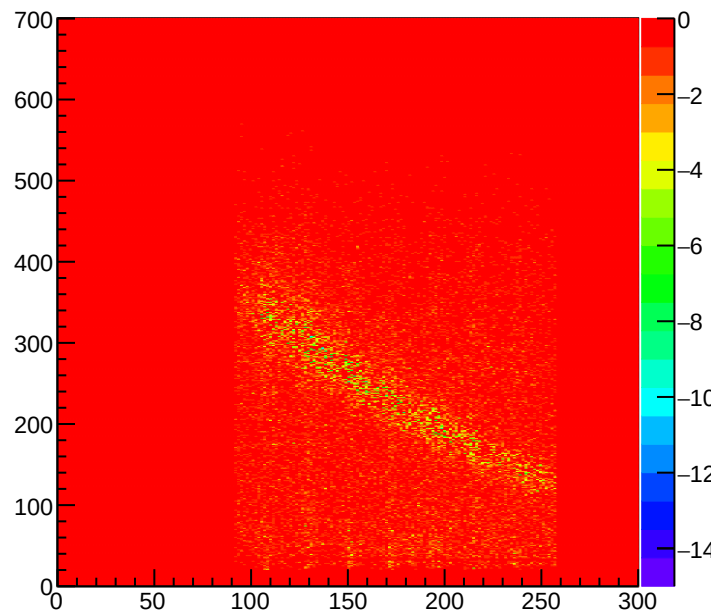
ECAL_RggVsEgg_10ns5DegreeDeltaThetaUnderPeak



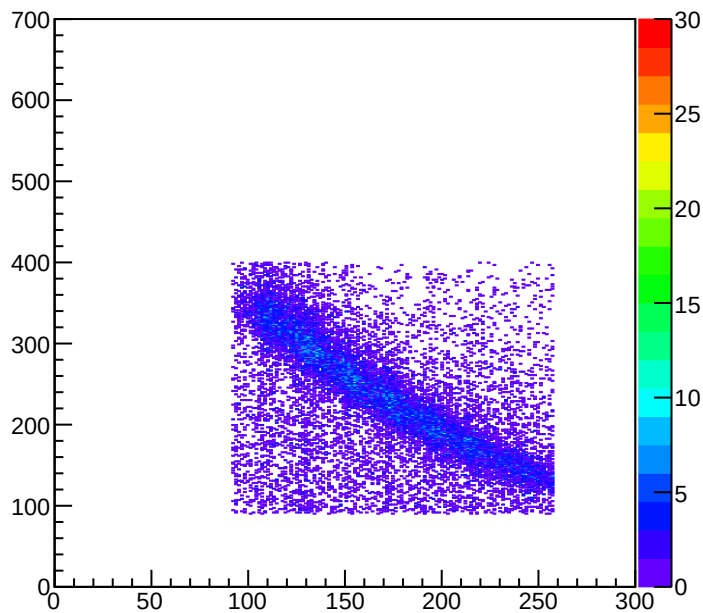
MC-Data>0



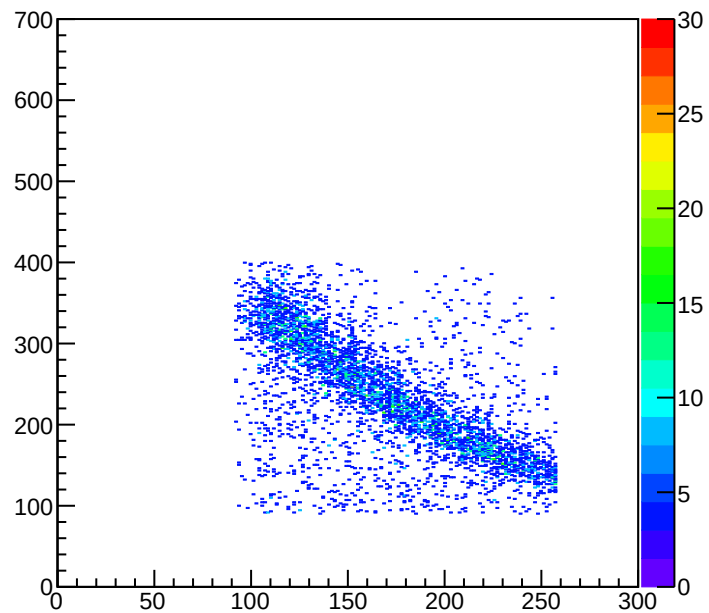
MC-Data<0



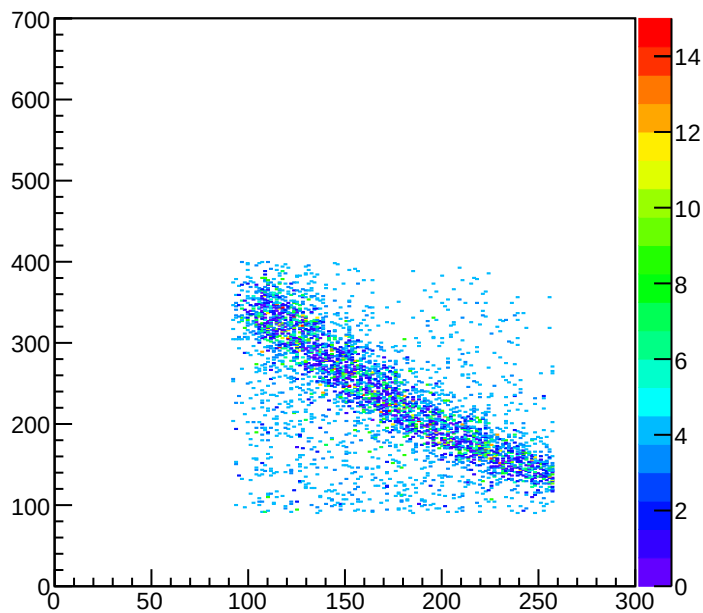
ECAL_RggVsEgg_10ns5DegreeDeltaThetaUnderPeakEThr90



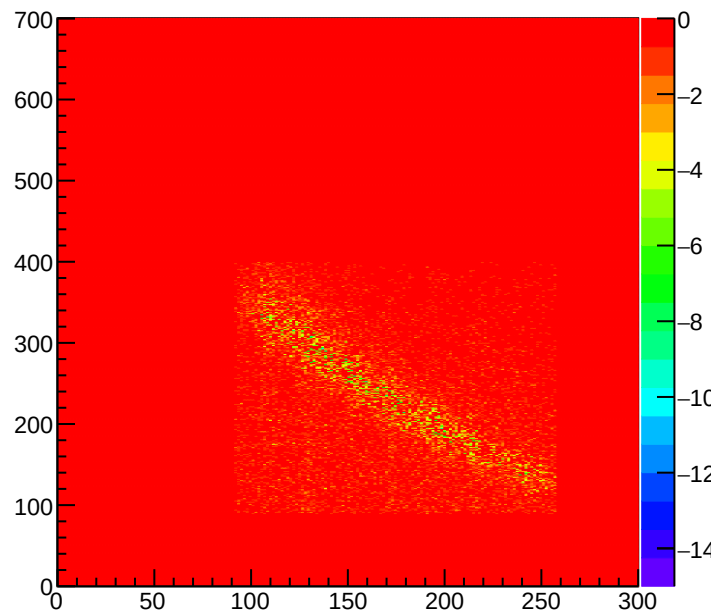
ECAL_RggVsEgg_10ns5DegreeDeltaThetaUnderPeakEThr90



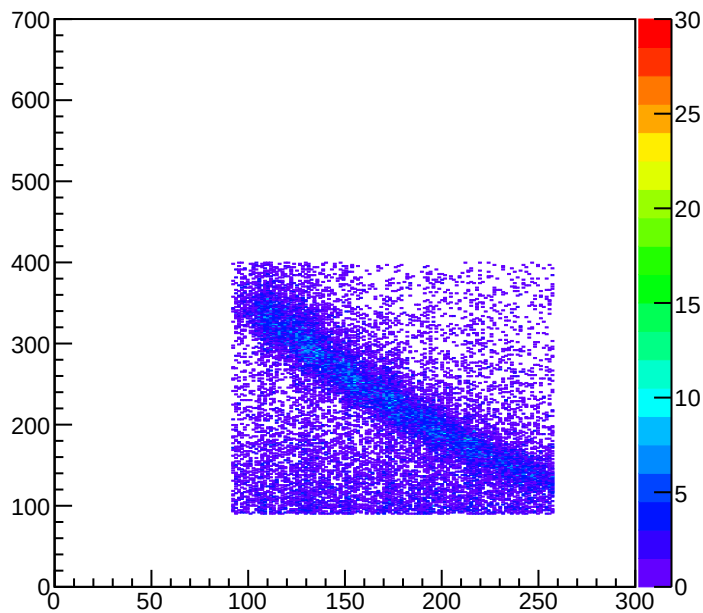
MC-Data>0



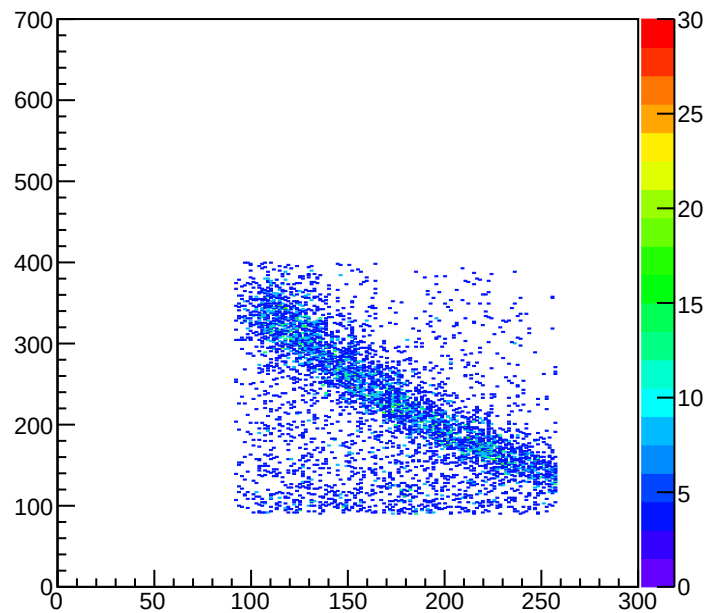
MC-Data<0



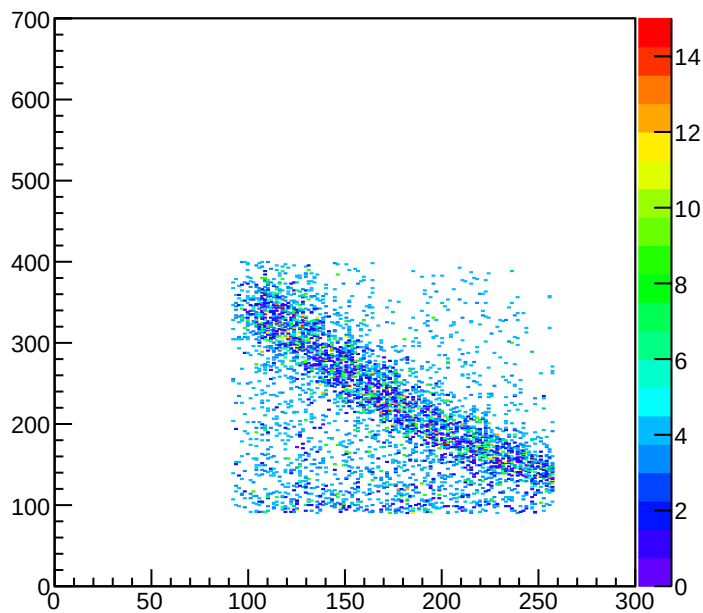
ECAL_RggVsEgg_10ns5DegreeDeltaThetaETHr90



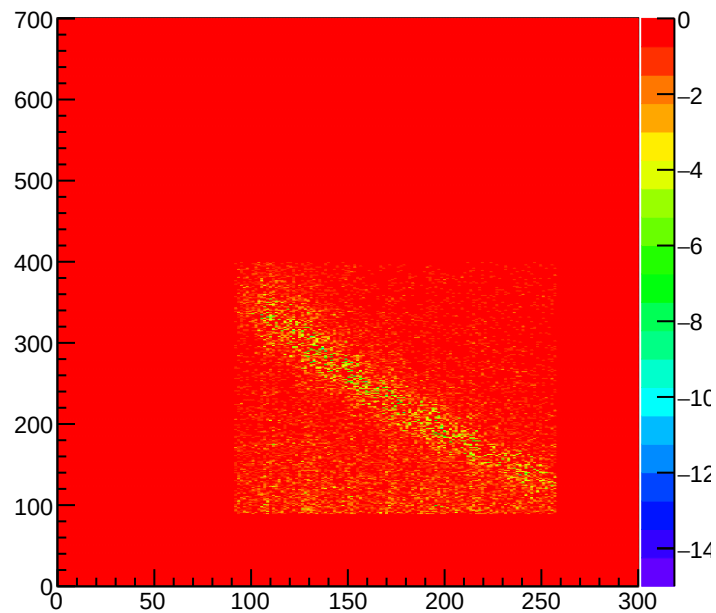
ECAL_RggVsEgg_10ns5DegreeDeltaThetaETHr90



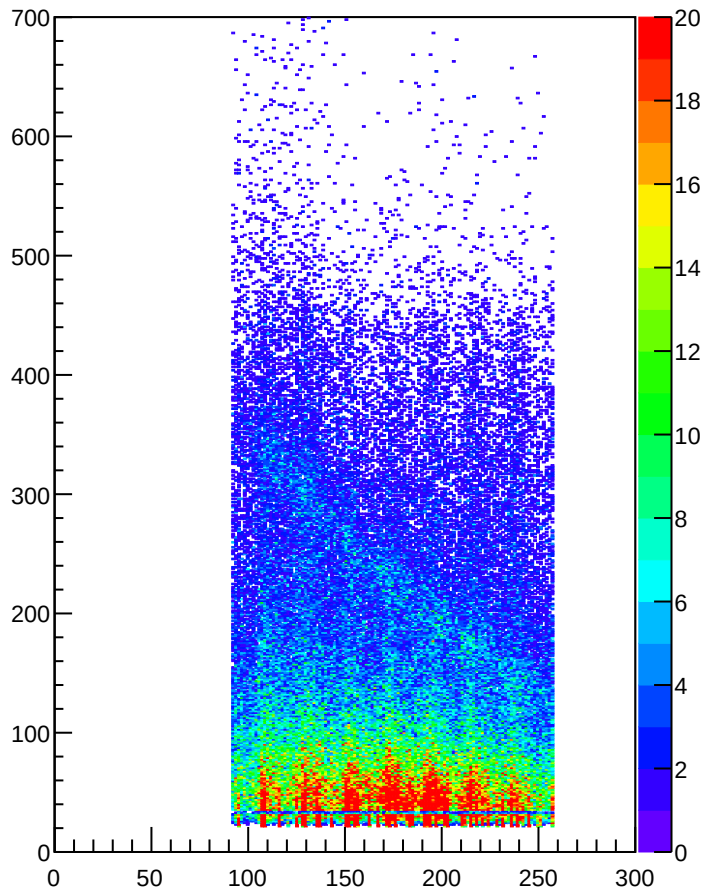
MC-Data>0



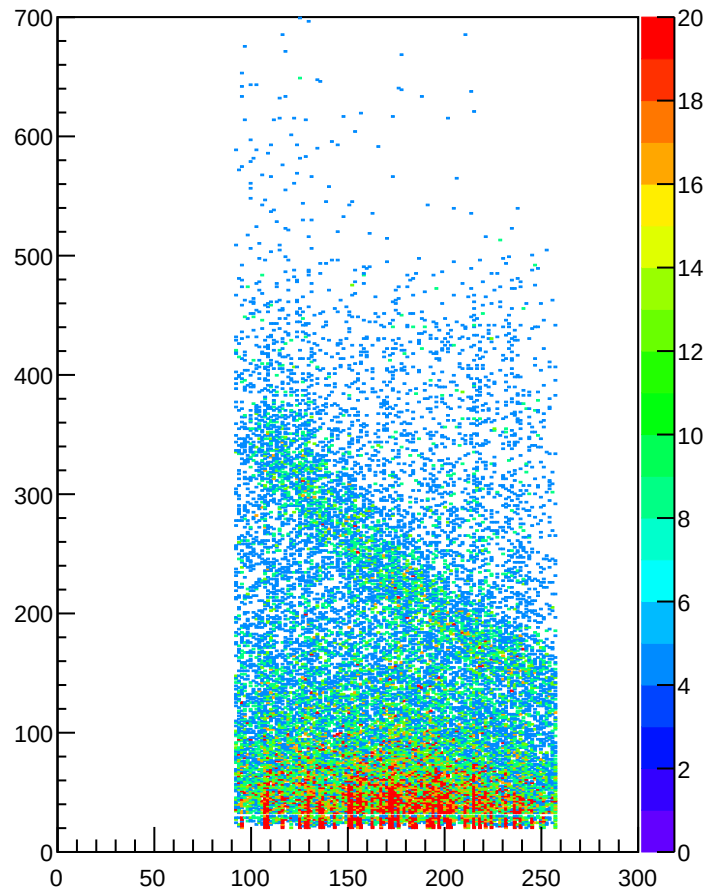
MC-Data<0



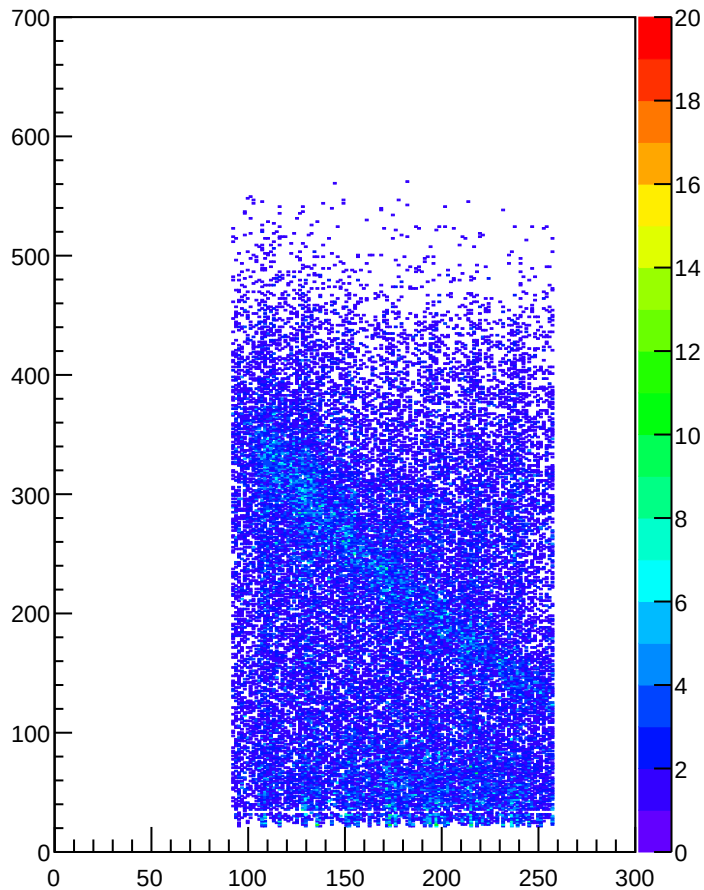
ECAL_RggVsEgg_10ns20DegreeDeltaTheta



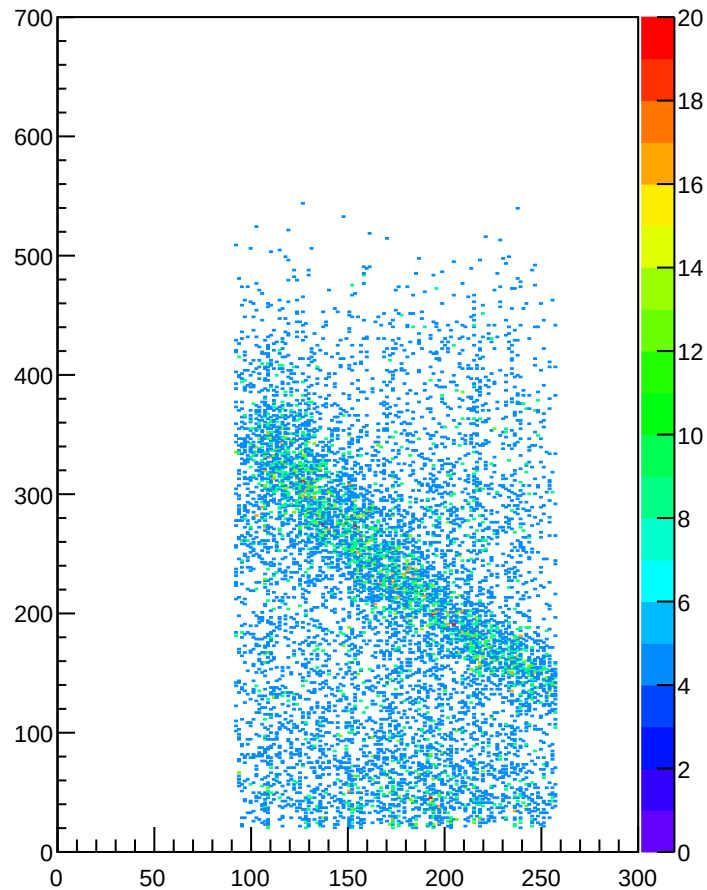
MC



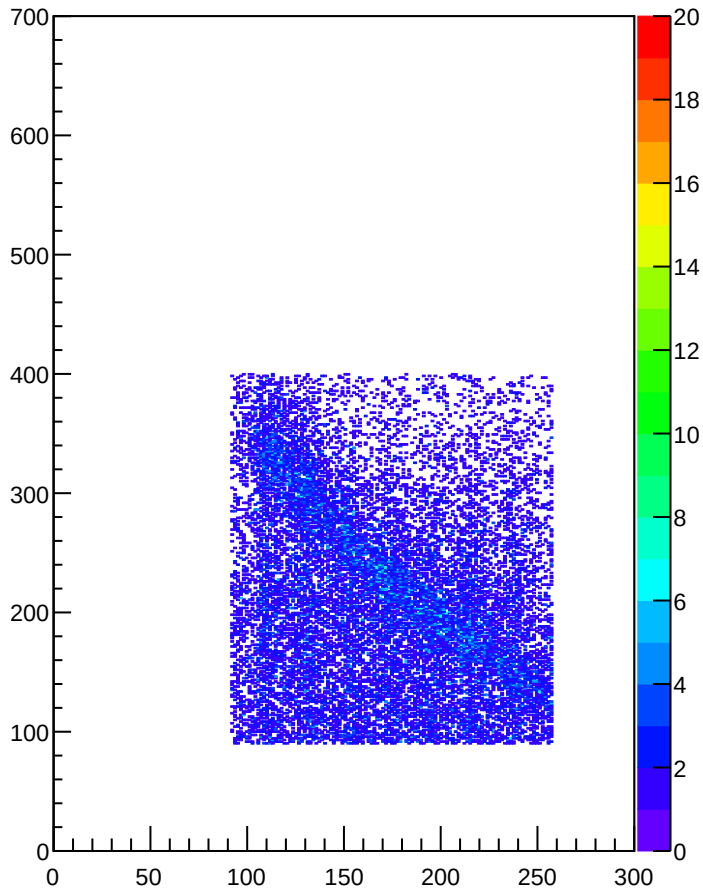
ECAL_RggVsEgg_10ns20DegreeDeltaThetaUnderPeak



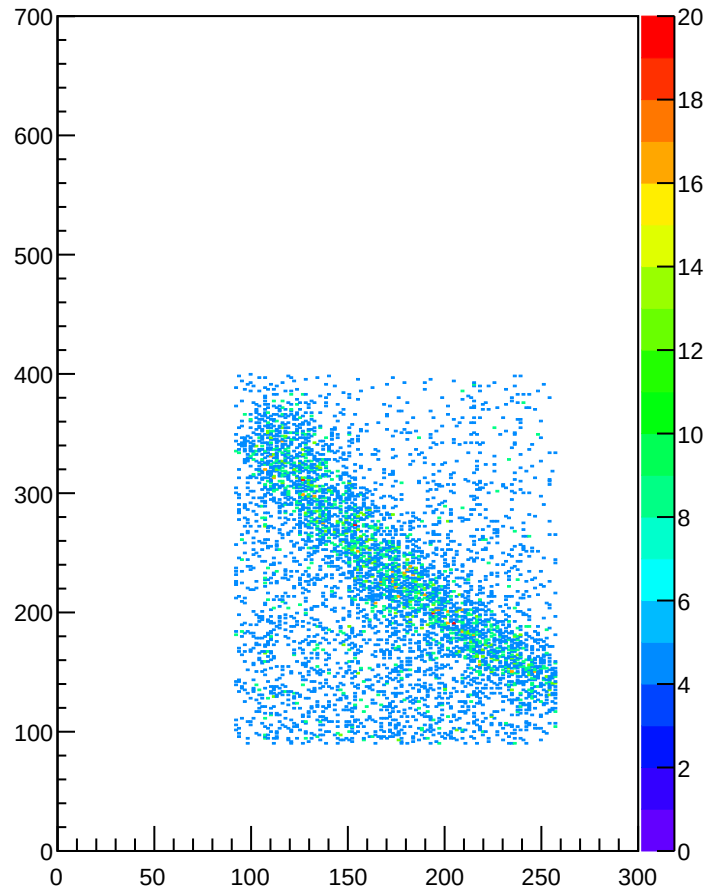
MC

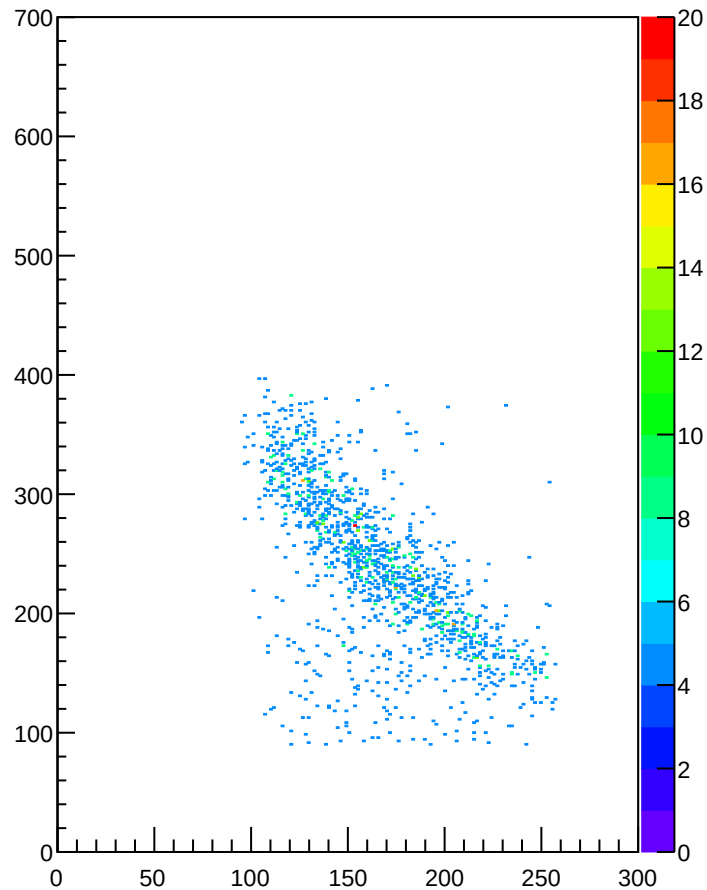
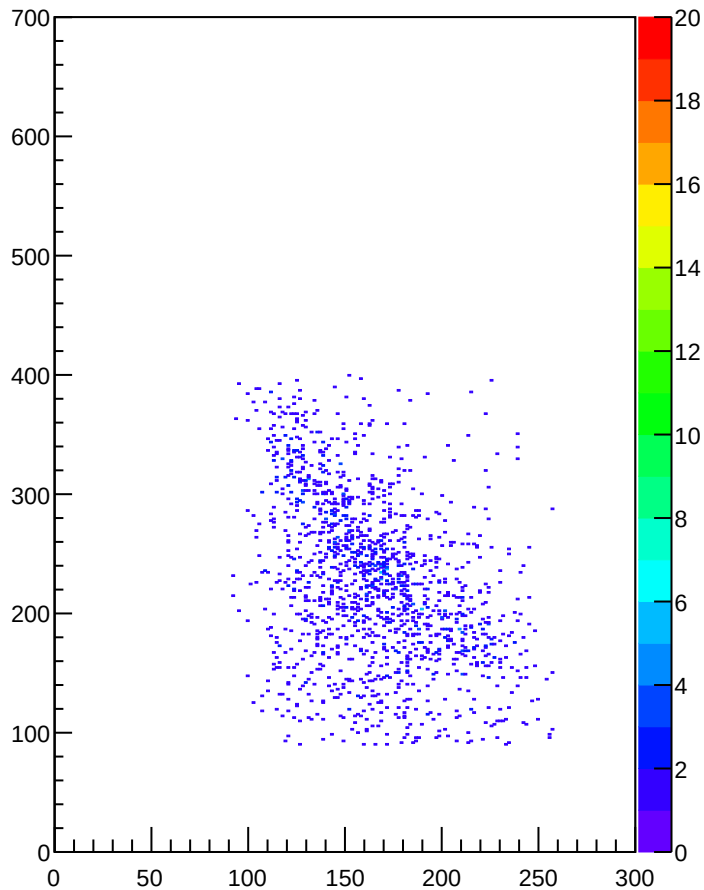


ECAL_RggVsEgg_10ns20DegreeDeltaThetaUnderPeakETHr90

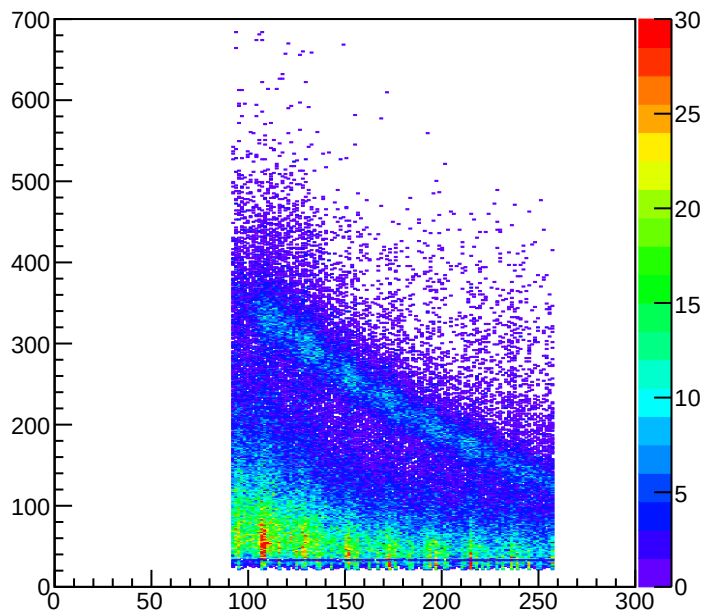


MC

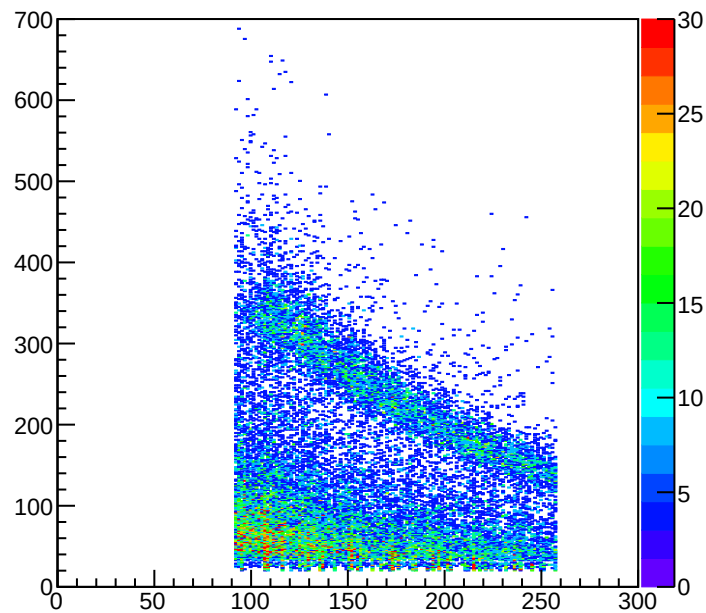




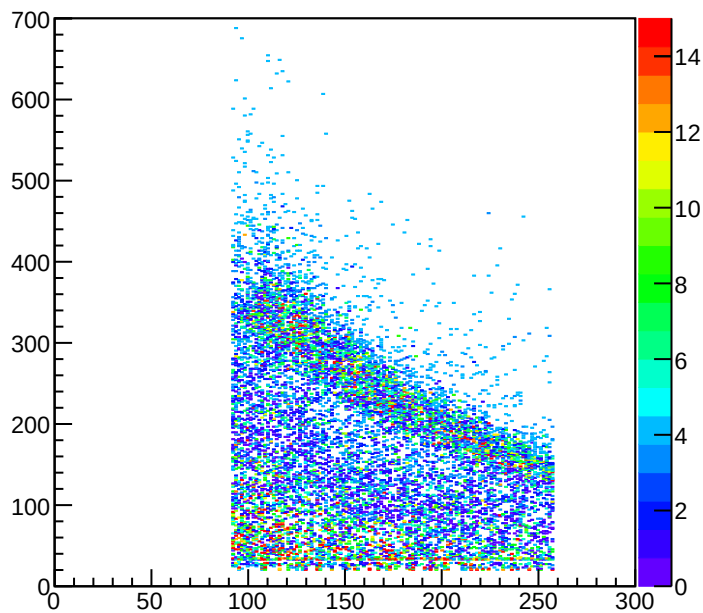
ECAL_RggVsEgg_10ns3CoG



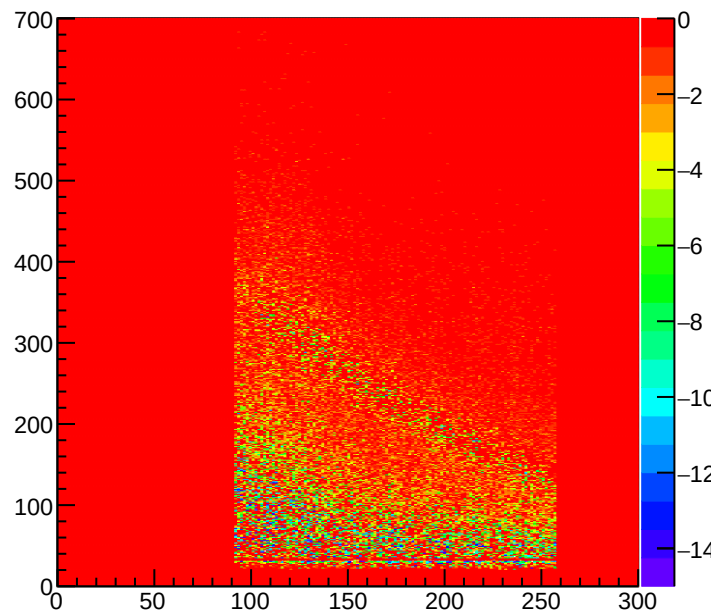
ECAL_RggVsEgg_10ns3CoG



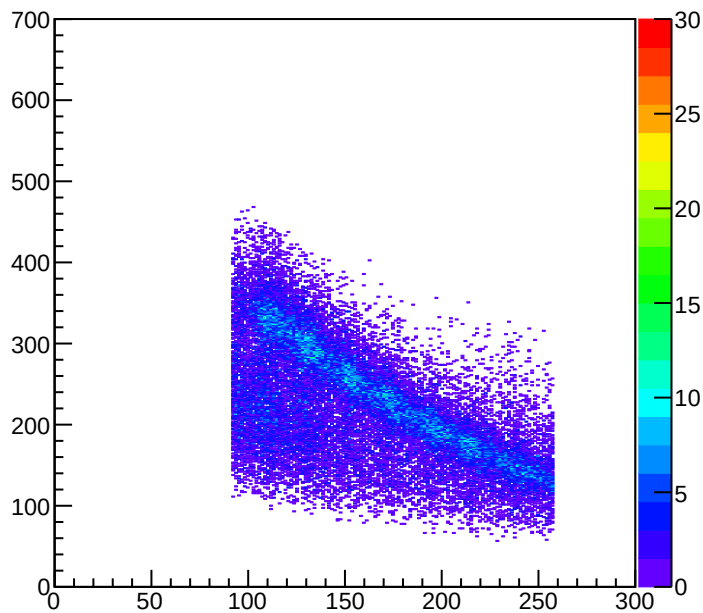
MC-Data>0



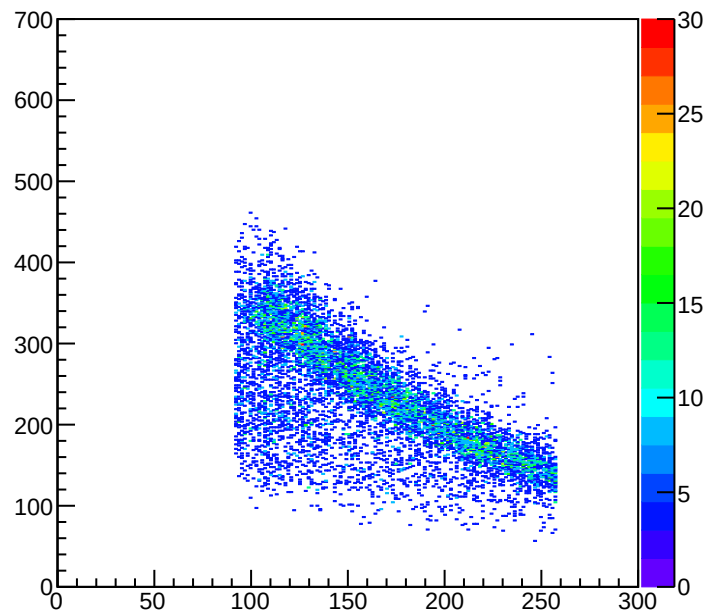
MC-Data<0



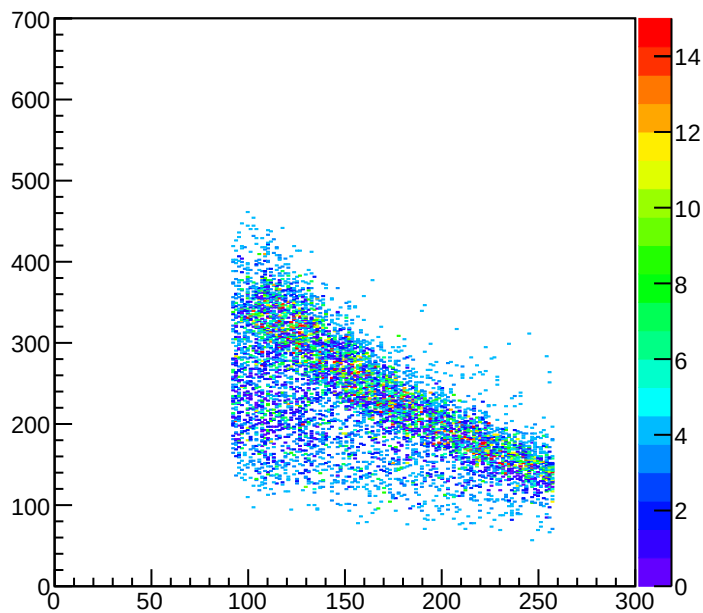
ECAL_RggVsEgg_10ns3CoGUnderPeak



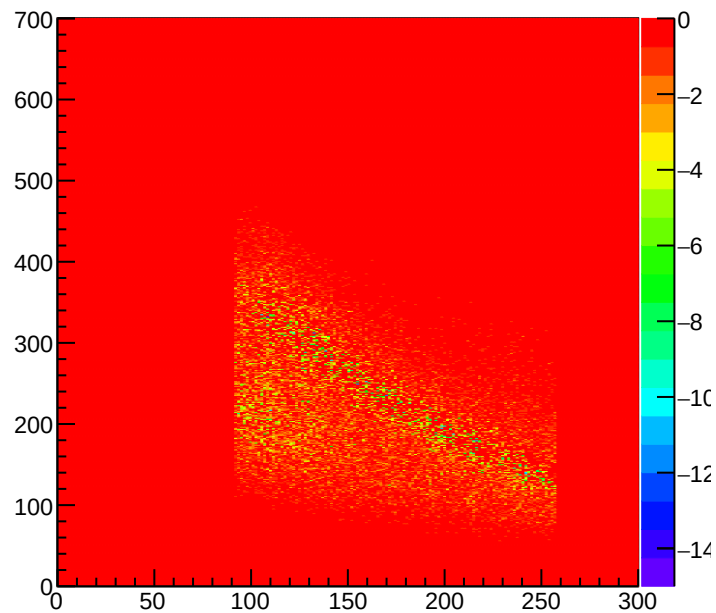
ECAL_RggVsEgg_10ns3CoGUnderPeak



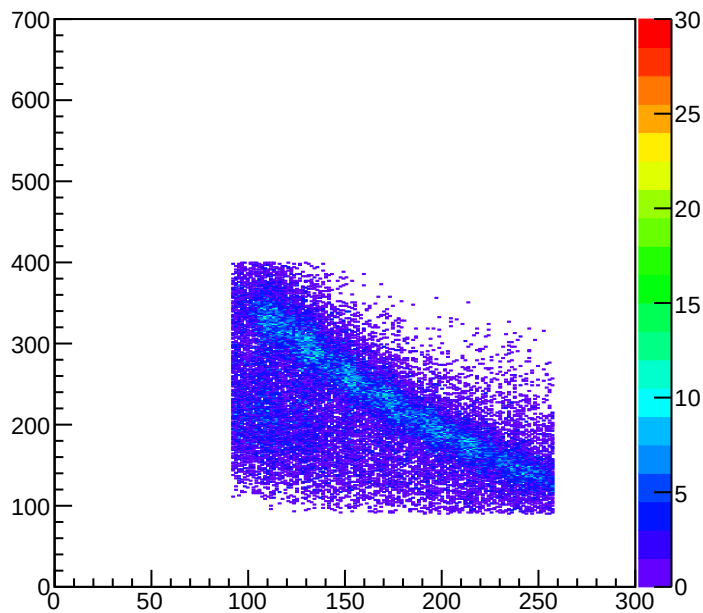
MC-Data>0



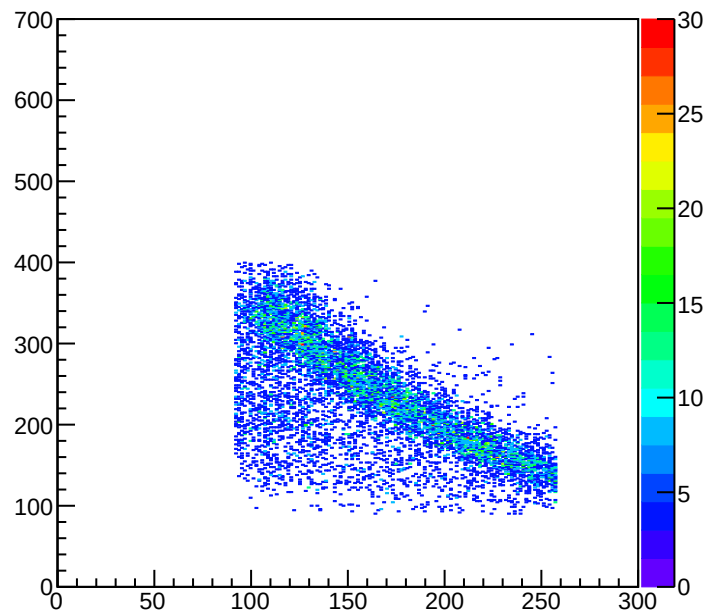
MC-Data<0



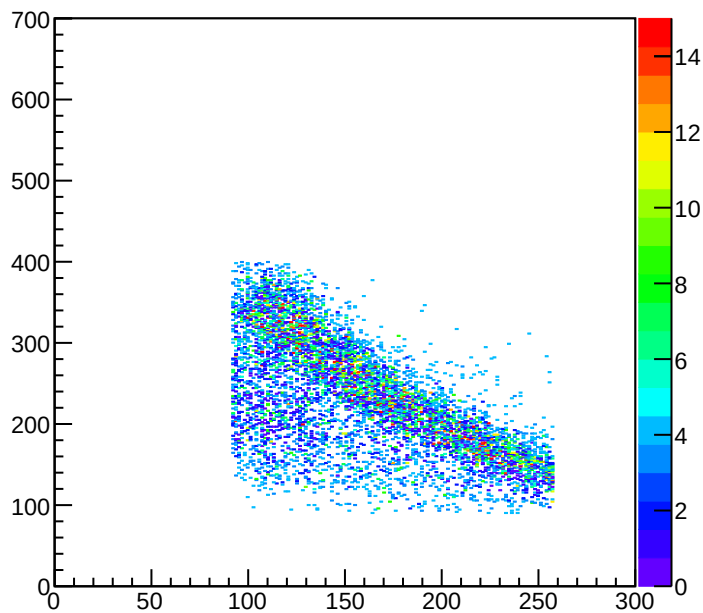
ECAL_RggVsEgg_10ns3CoGUnderPeakETHr90



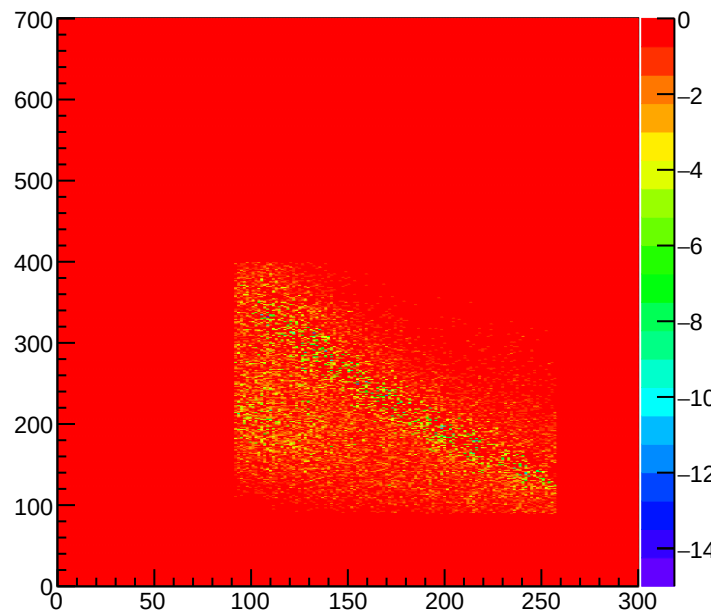
ECAL_RggVsEgg_10ns3CoGUnderPeakETHr90



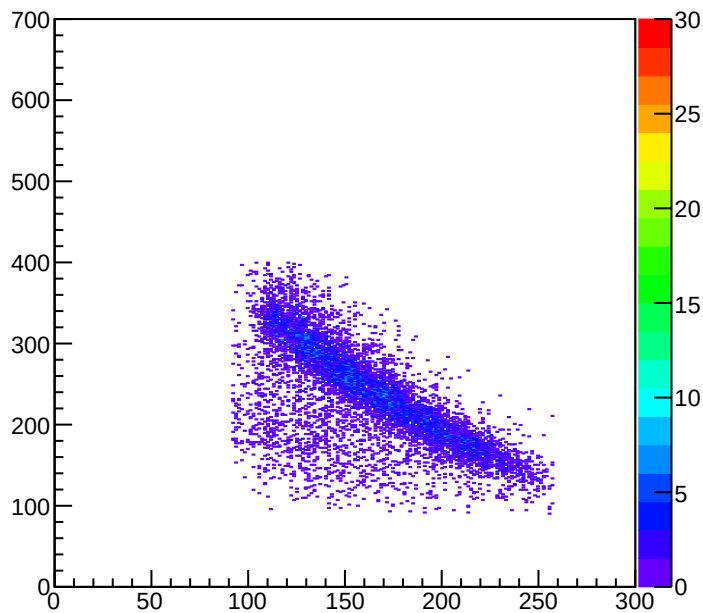
MC-Data>0



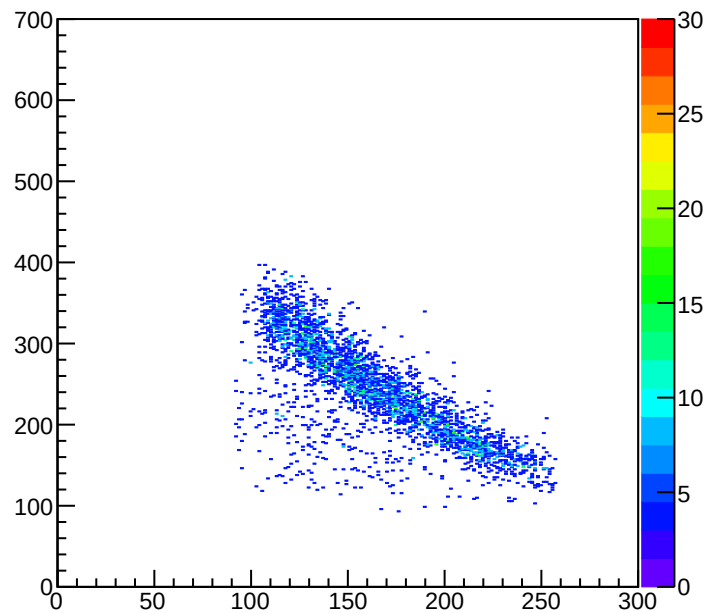
MC-Data<0



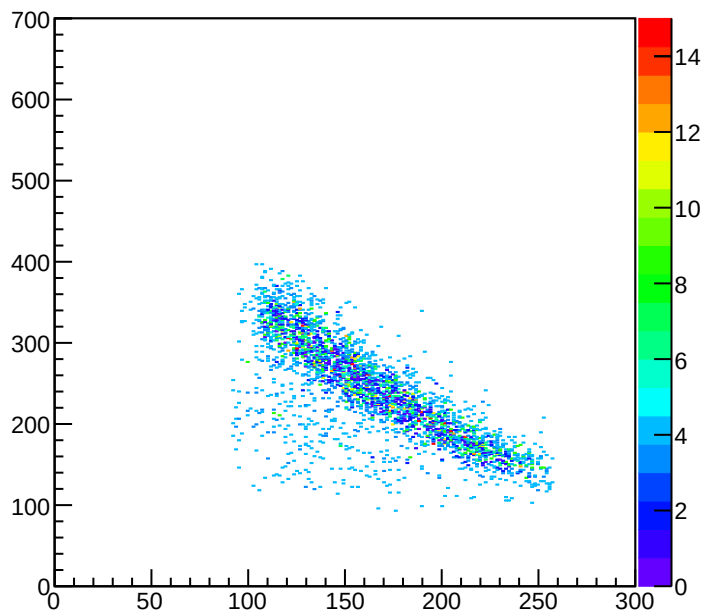
ECAL_RggVsEgg_10ns3CoGUnderPeakETHr90_FRY



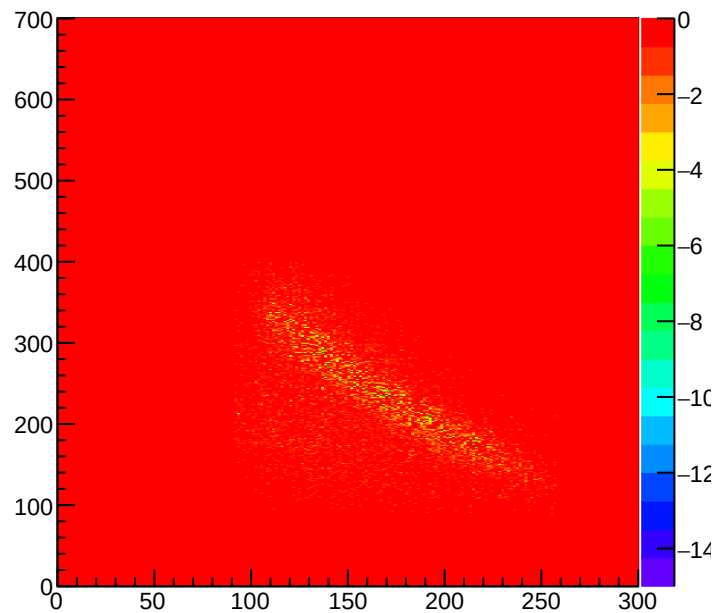
ECAL_RggVsEgg_10ns3CoGUnderPeakETHr90_FRY



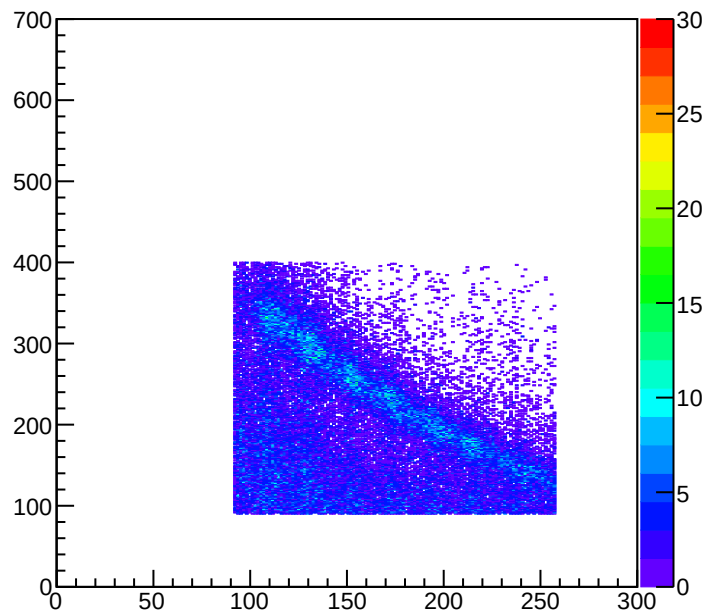
MC-Data>0



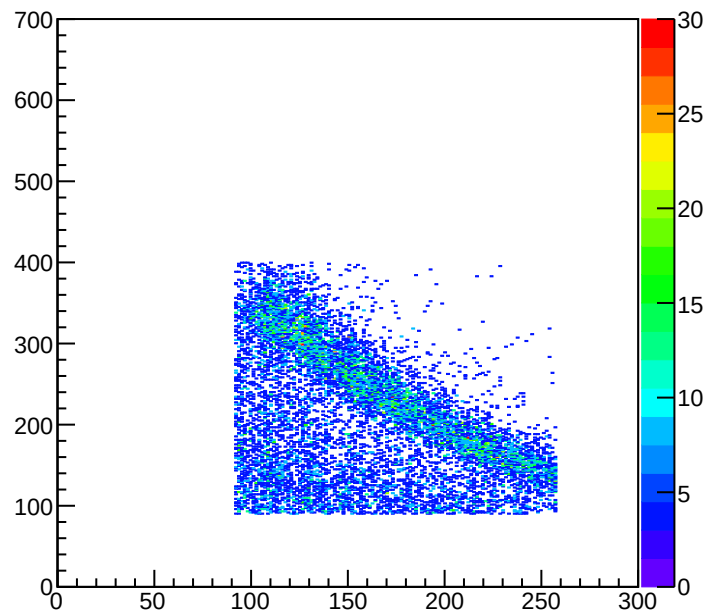
MC-Data<0



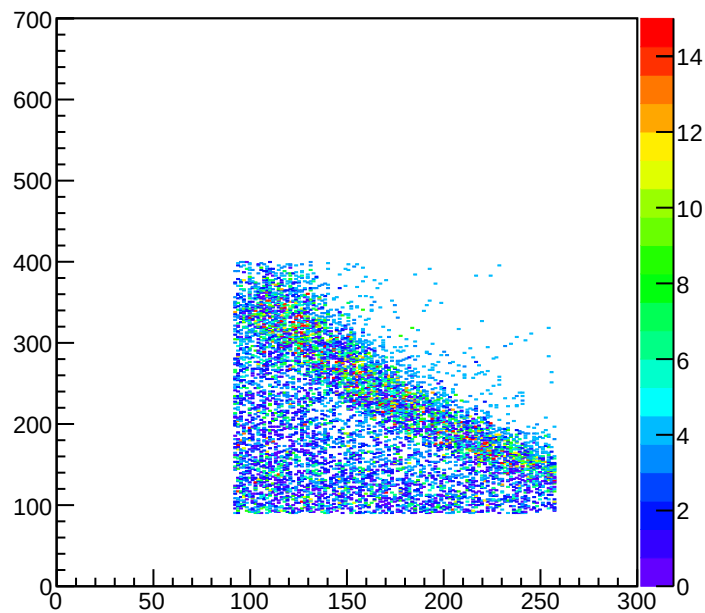
ECAL_RggVsEgg_10ns3CoGEThr90



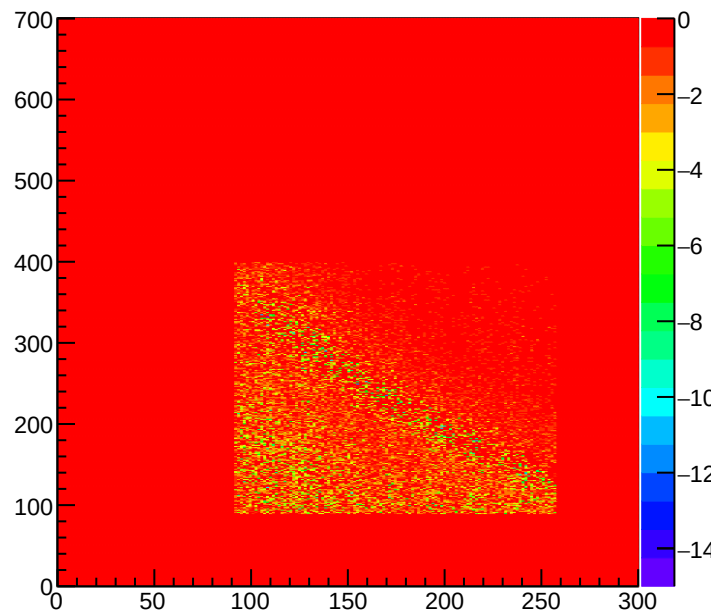
ECAL_RggVsEgg_10ns3CoGEThr90



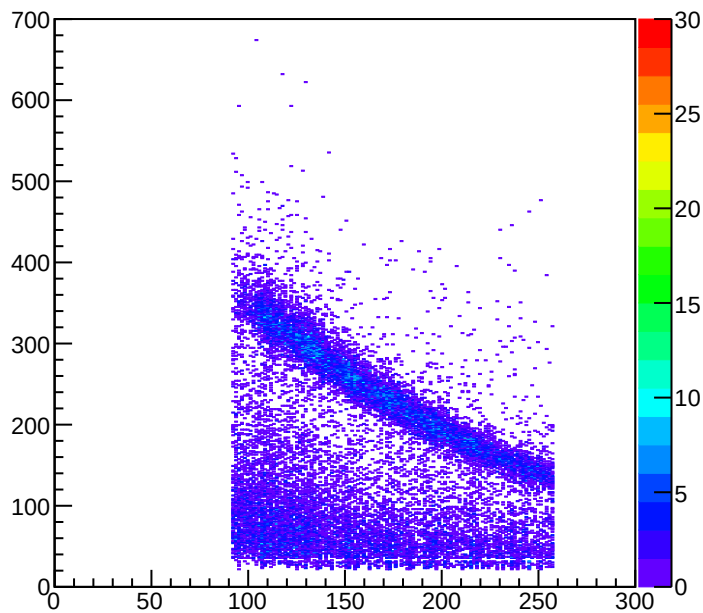
MC-Data>0



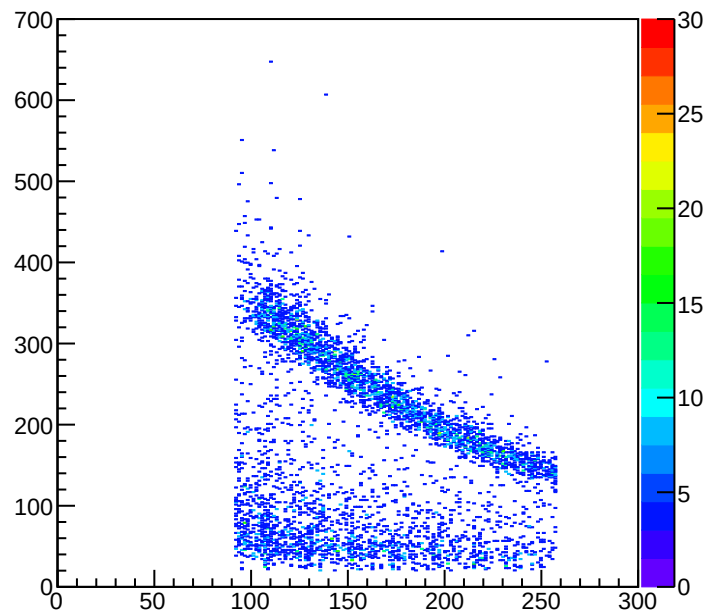
MC-Data<0



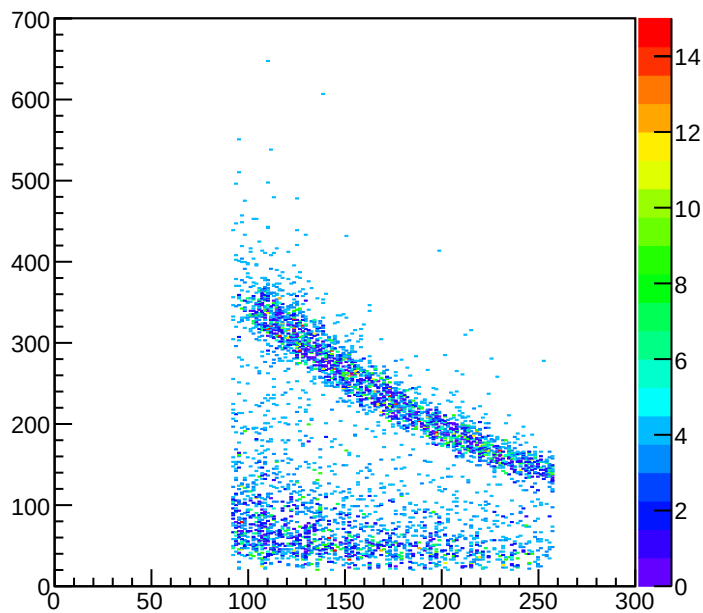
ECAL_RggVsEgg_10ns1CoG



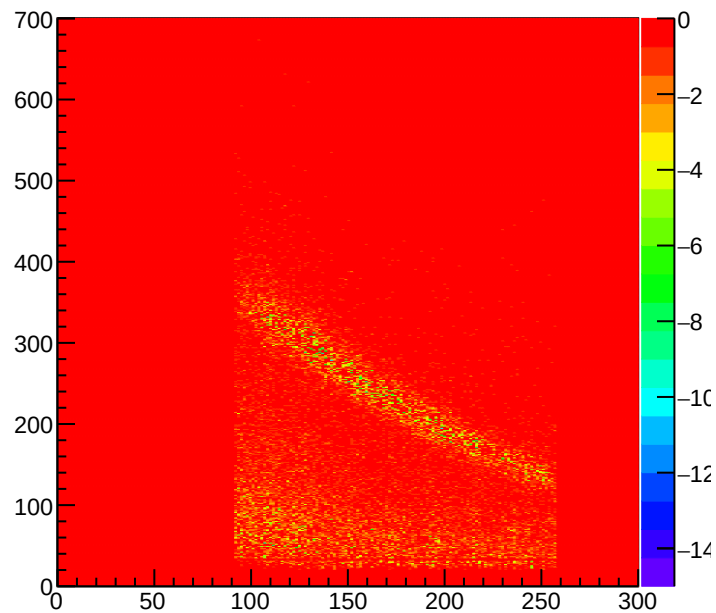
ECAL_RggVsEgg_10ns1CoG



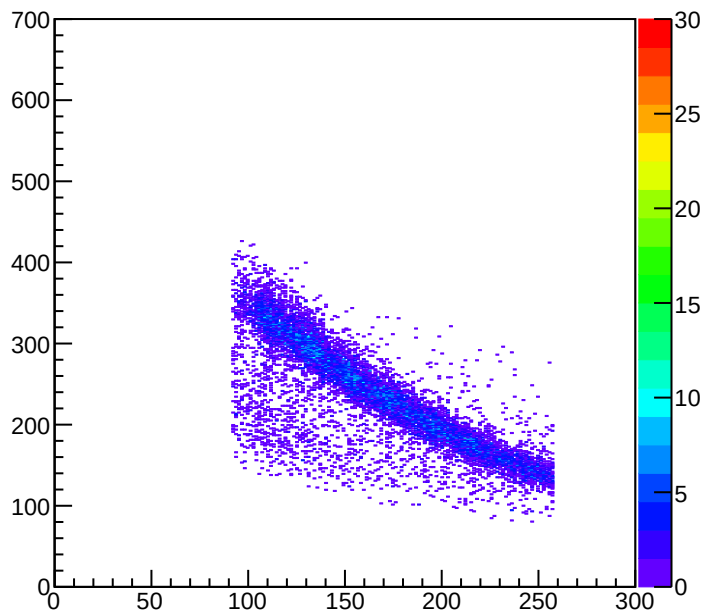
MC-Data>0



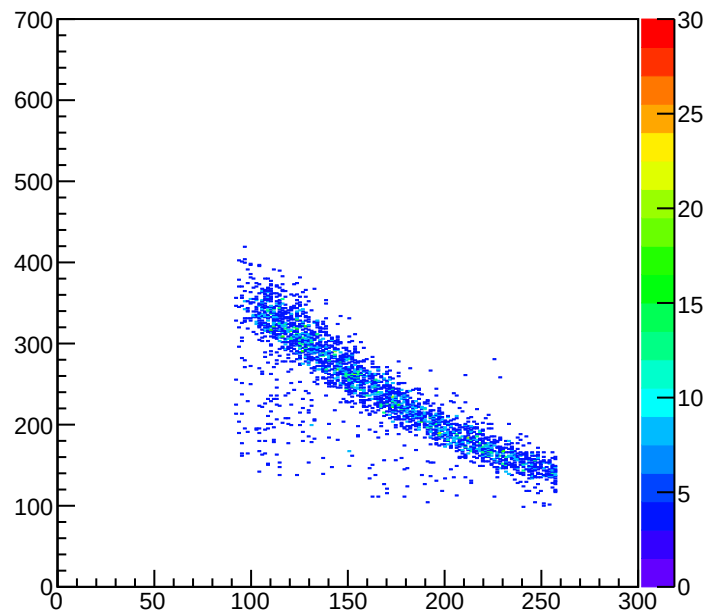
MC-Data<0



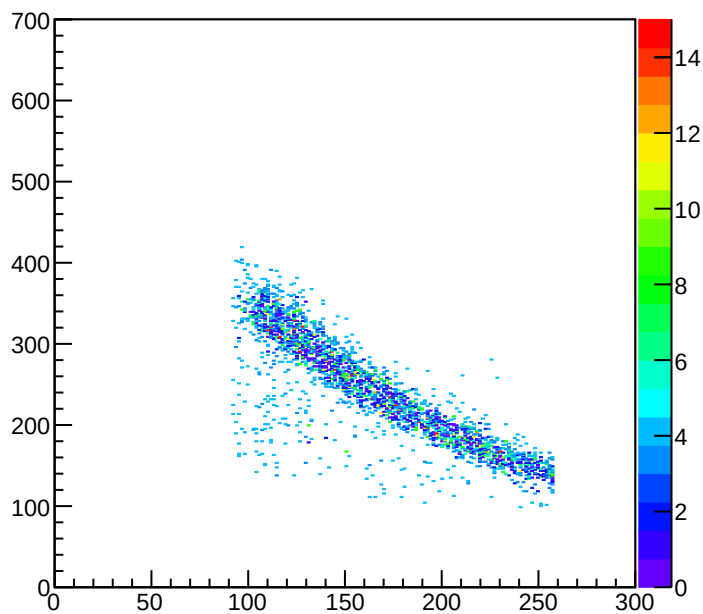
ECAL_RggVsEgg_10ns1CoGUnderPeak



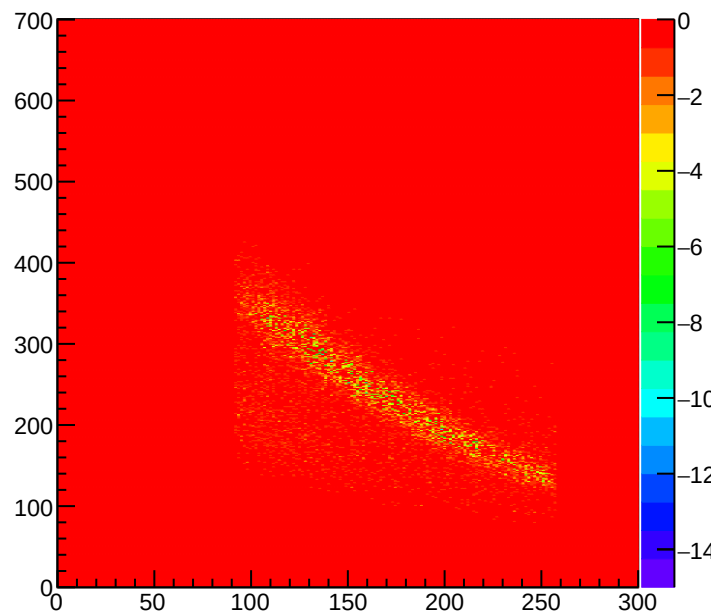
ECAL_RggVsEgg_10ns1CoGUnderPeak



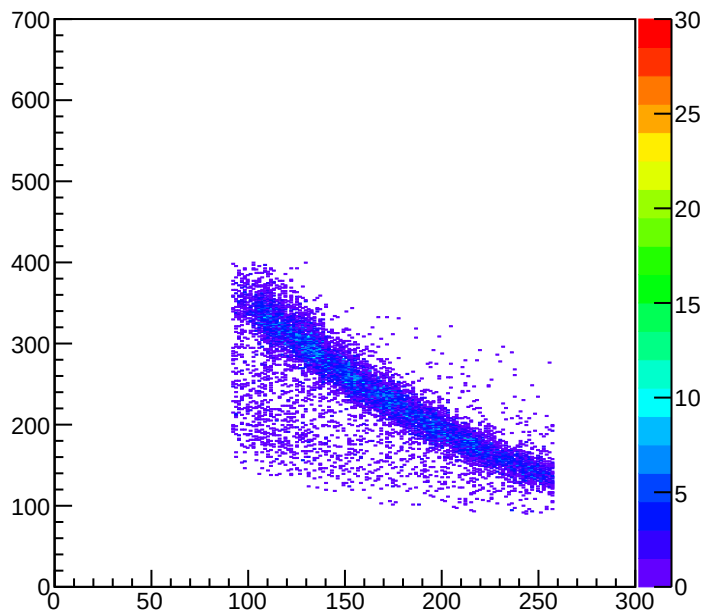
MC-Data>0



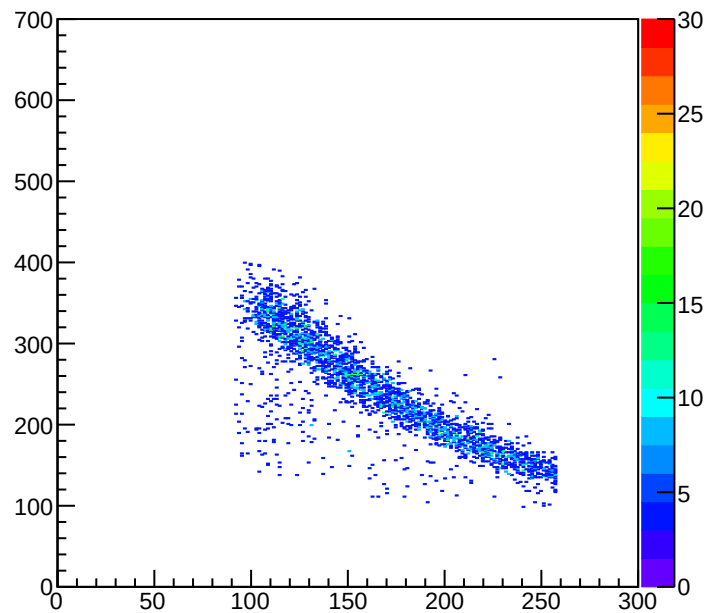
MC-Data<0



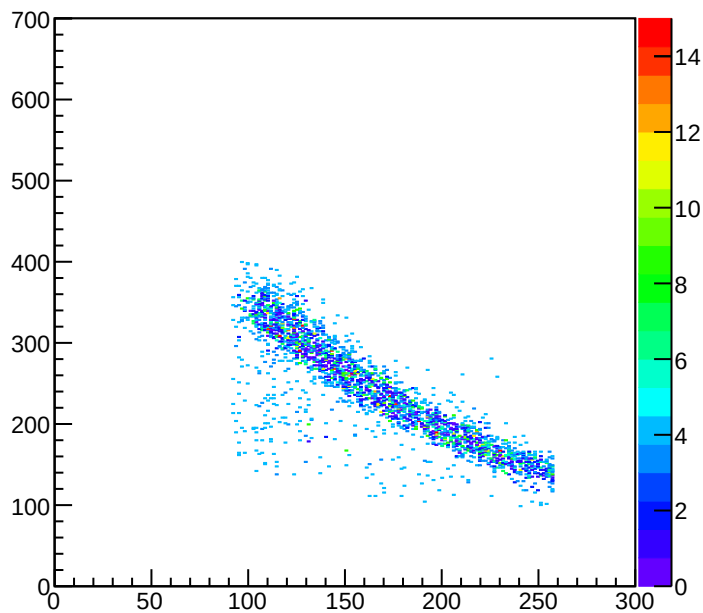
ECAL_RggVsEgg_10ns1CoGUnderPeakETHr90



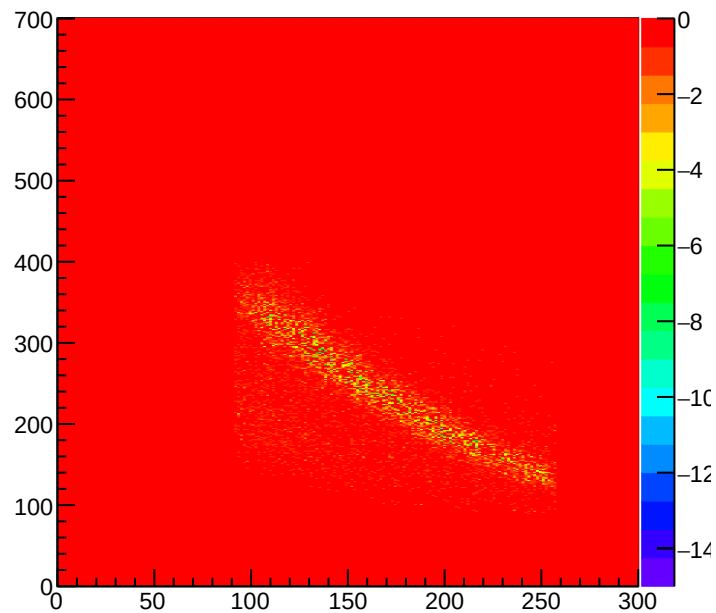
ECAL_RggVsEgg_10ns1CoGUnderPeakETHr90



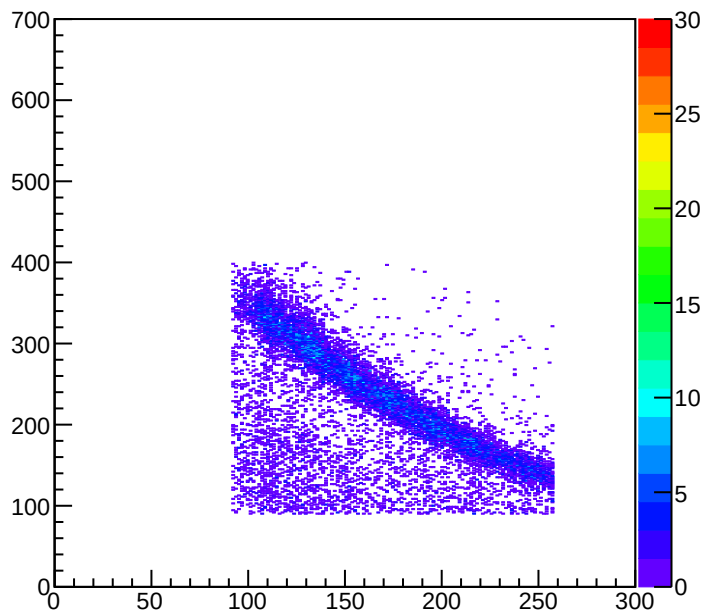
MC-Data>0



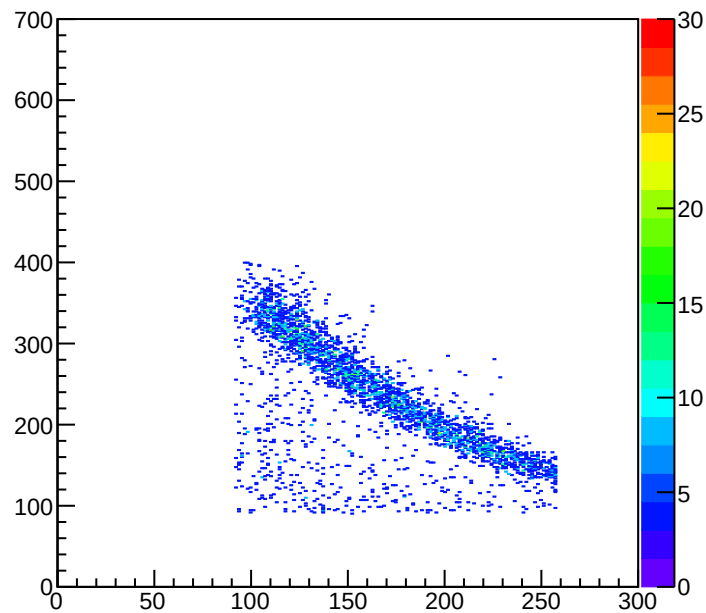
MC-Data<0



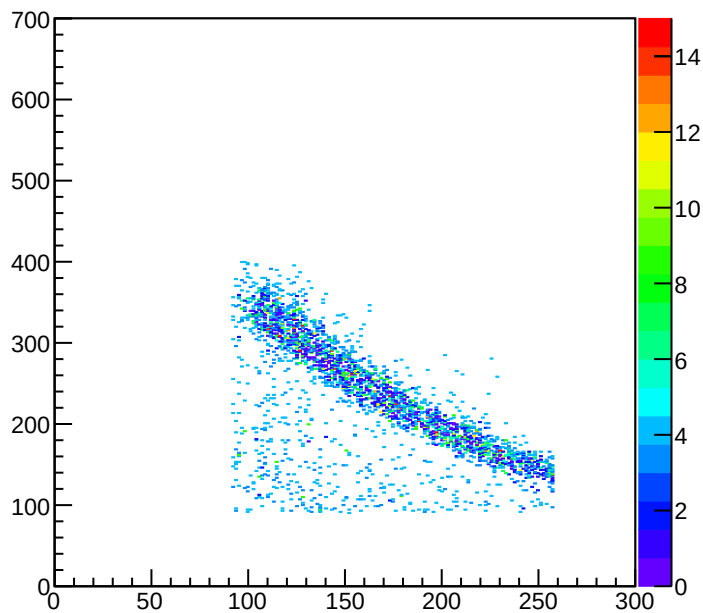
ECAL_RggVsEgg_10ns1CoGEThr90



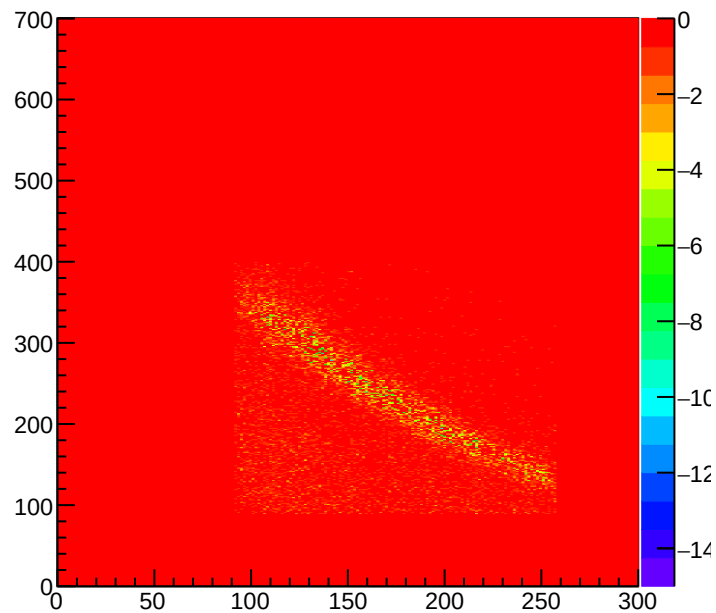
ECAL_RggVsEgg_10ns1CoGEThr90



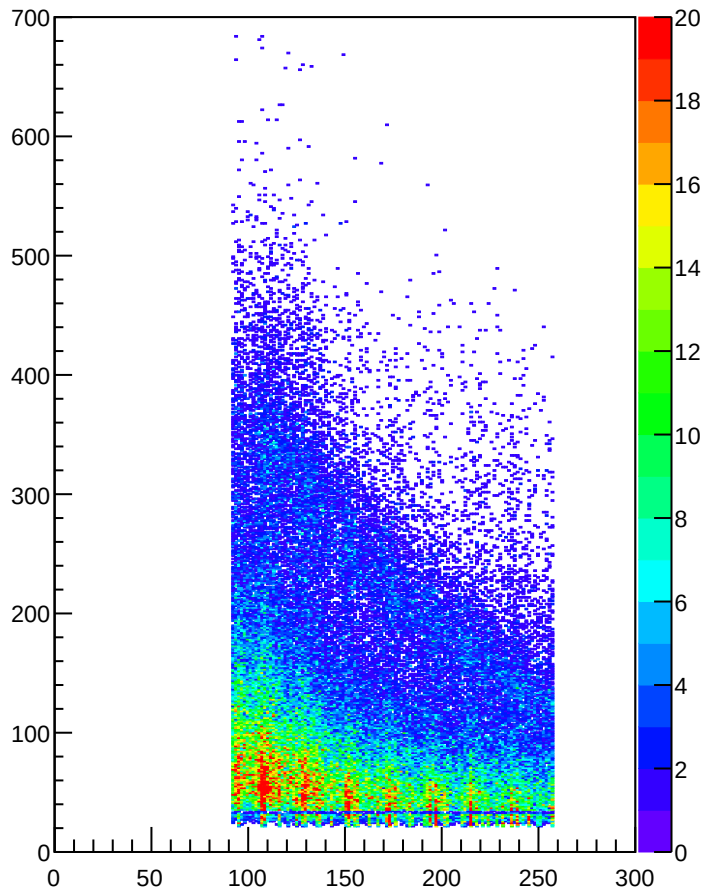
MC-Data>0



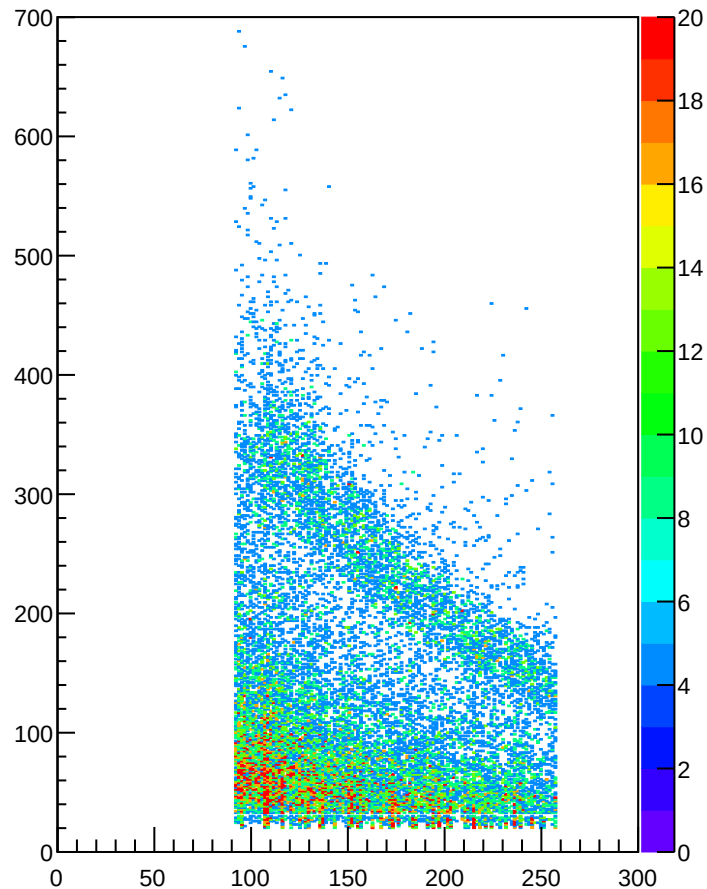
MC-Data<0



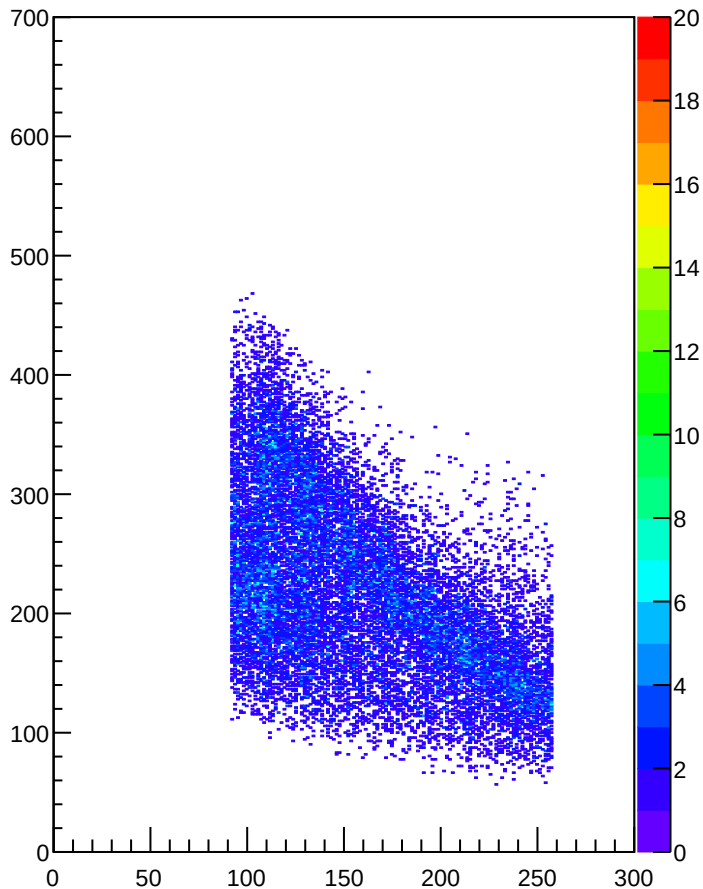
ECAL_RggVsEgg_10ns3CoG



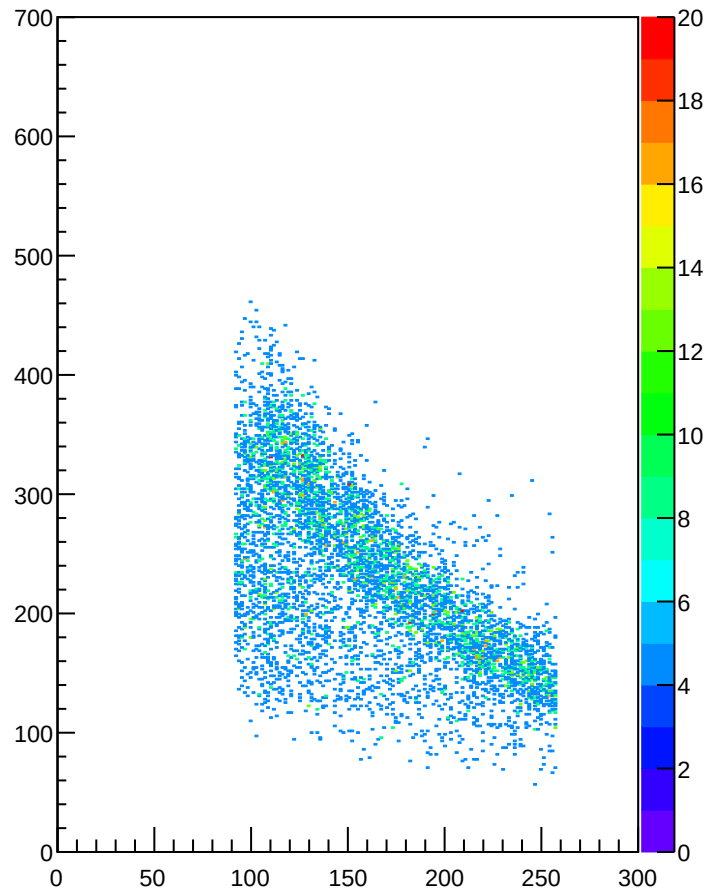
MC



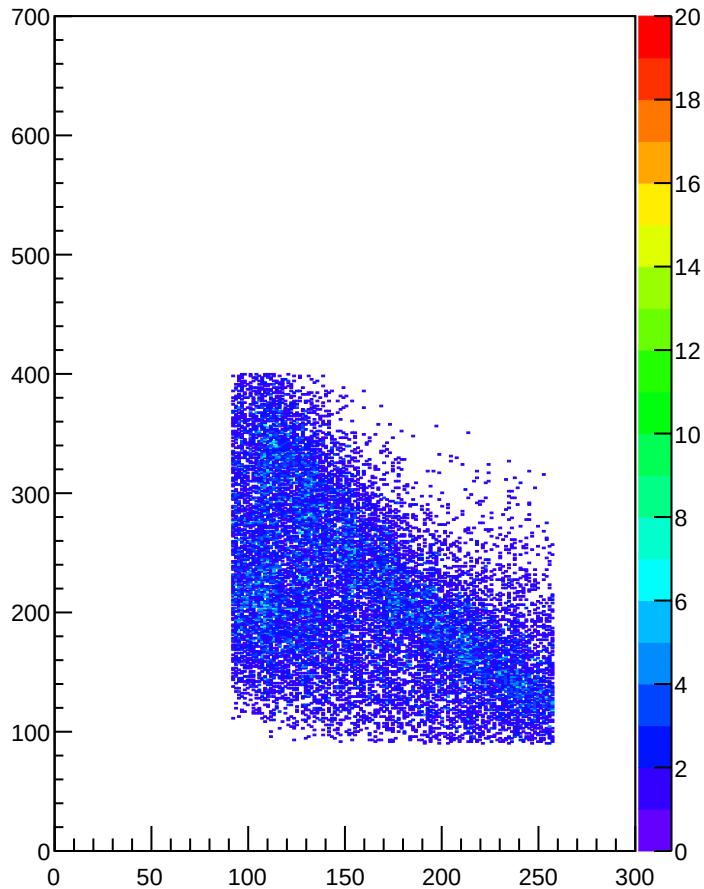
ECAL_RggVsEgg_10ns3CoGUnderPeak



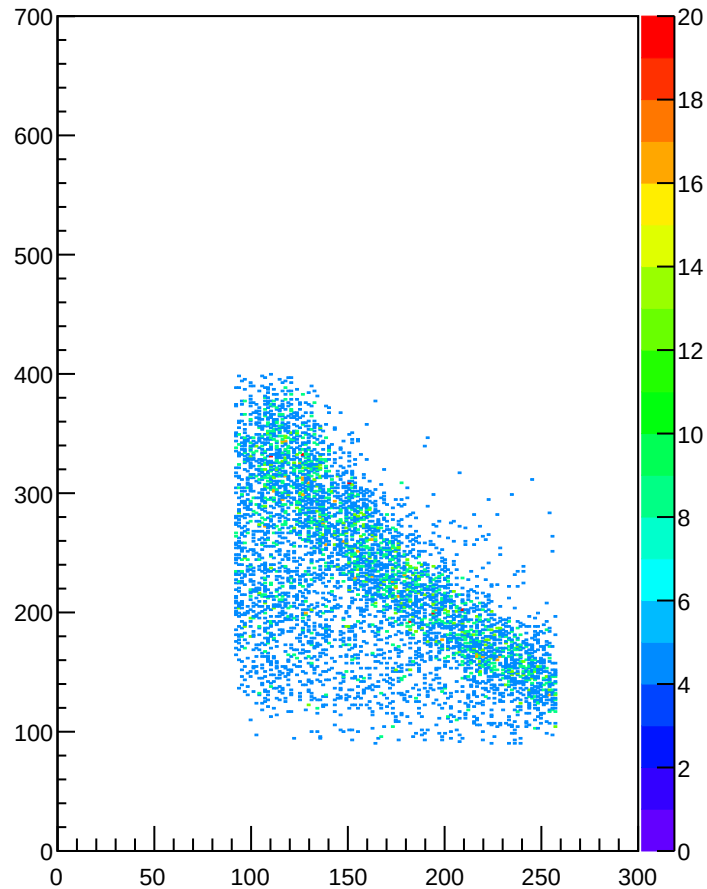
MC



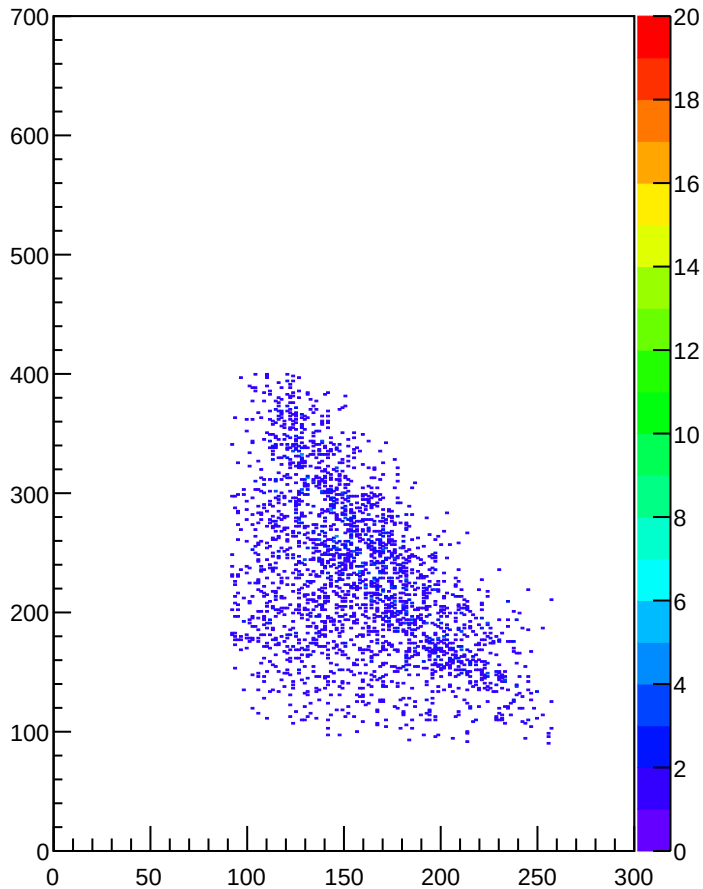
ECAL_RggVsEgg_10ns3CoGUnderPeakETHr90



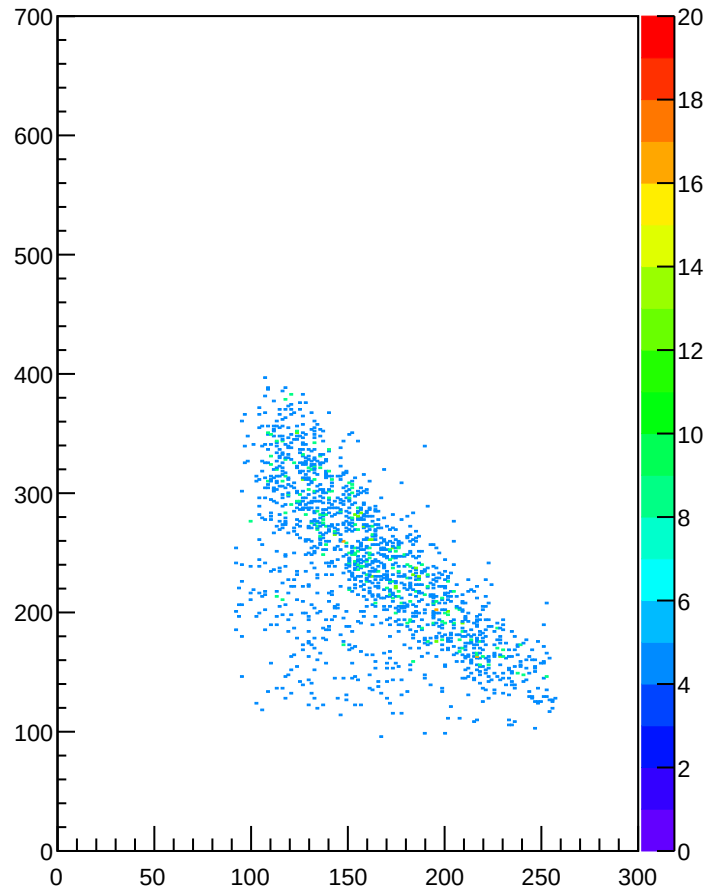
MC



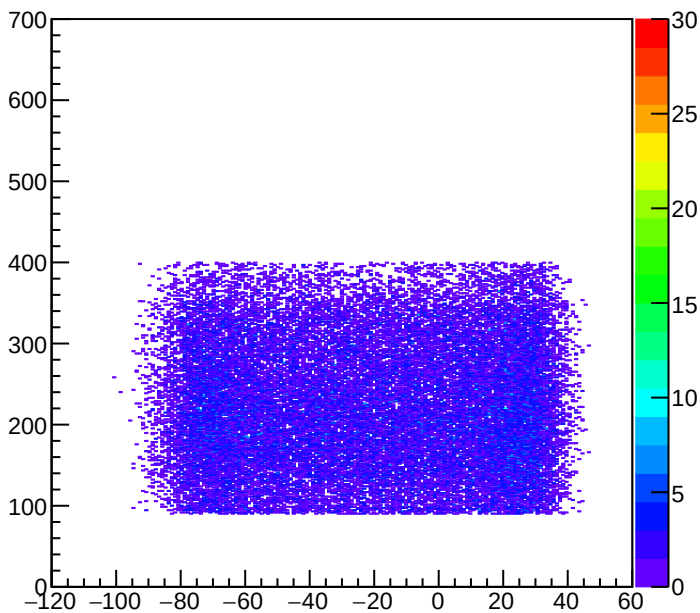
ECAL_RggVsEgg_10ns3CoGUnderPeakETHr90_FRY



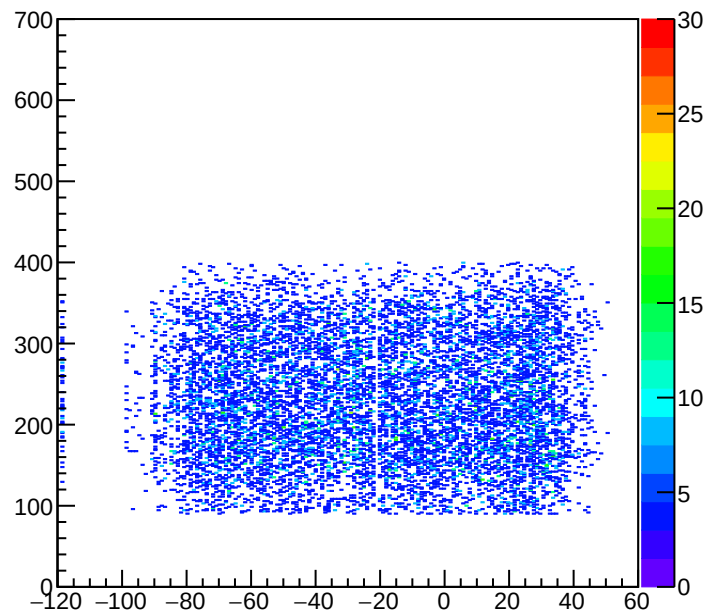
MC



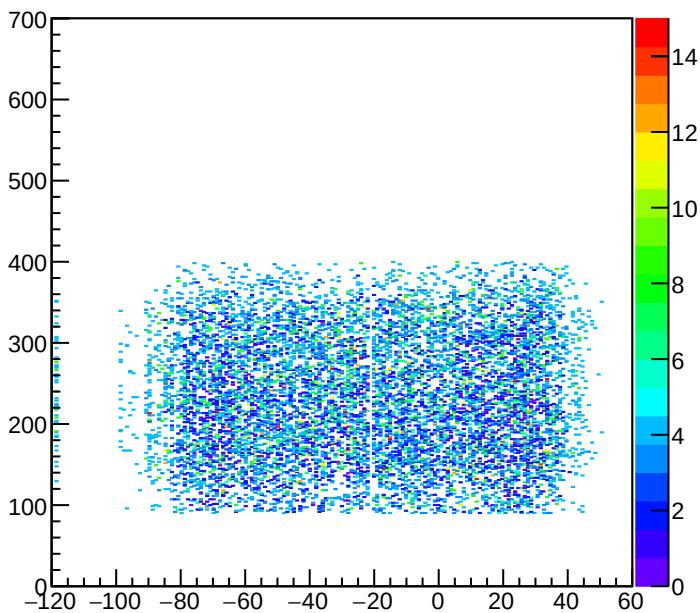
ECAL_tggVsEgg_10ns20DegreeDeltaThetaUnderPeakEThr90



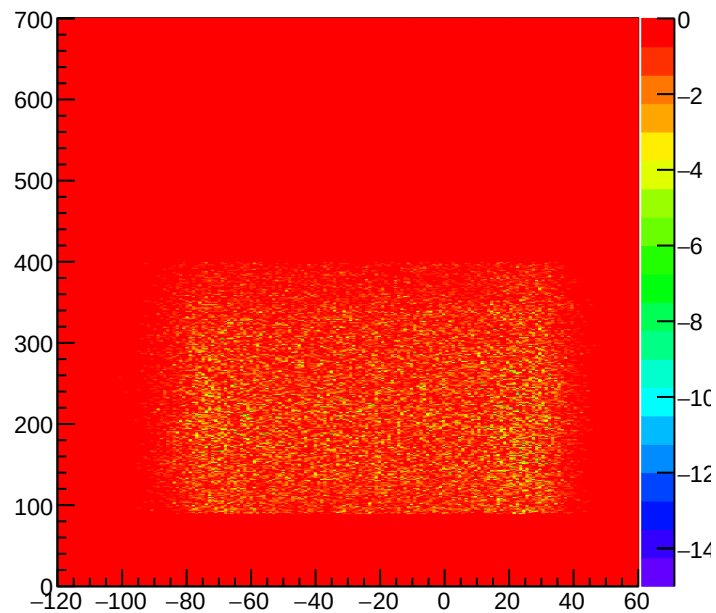
ECAL_tggVsEgg_10ns20DegreeDeltaThetaUnderPeakEThr90



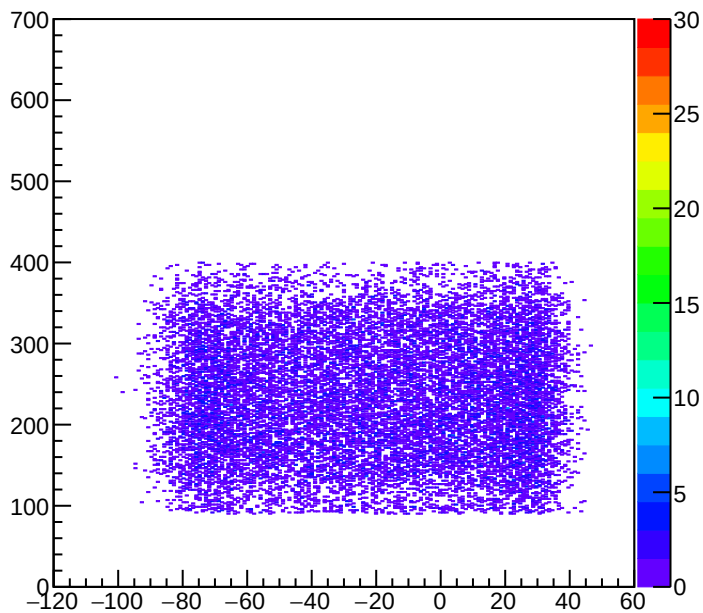
MC-Data>0



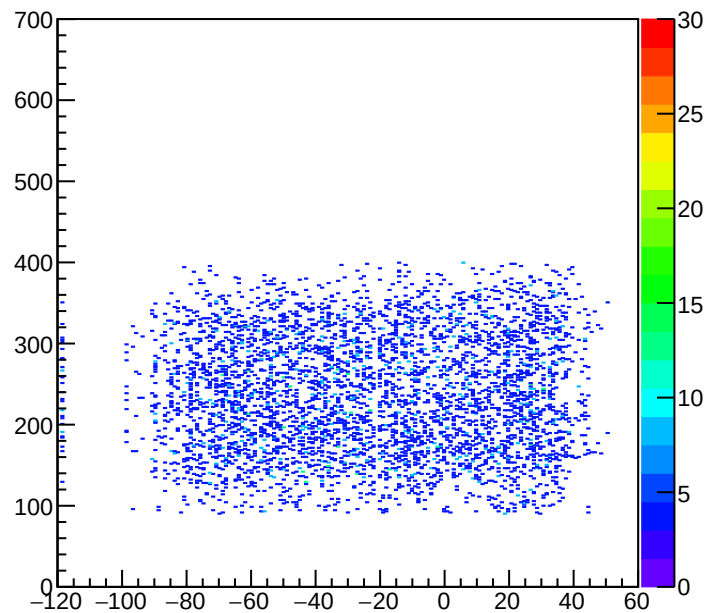
MC-Data<0



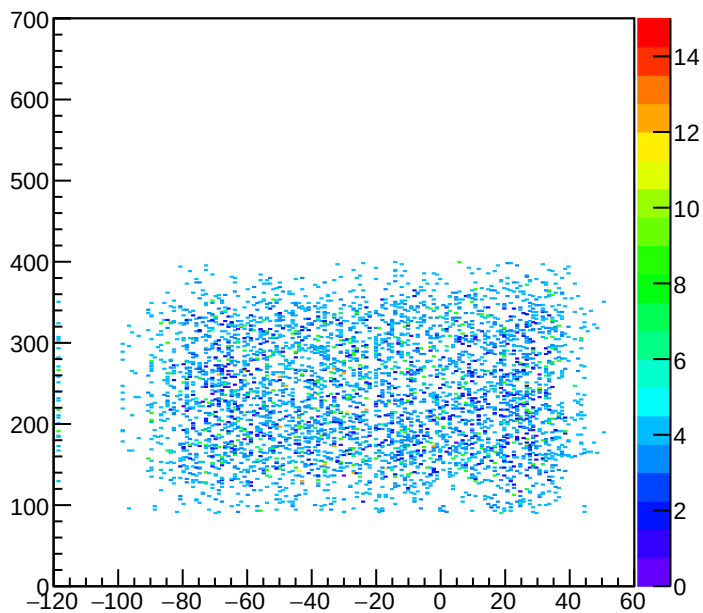
ECAL_tggVsEgg_10ns5DegreeDeltaThetaUnderPeakETHr90



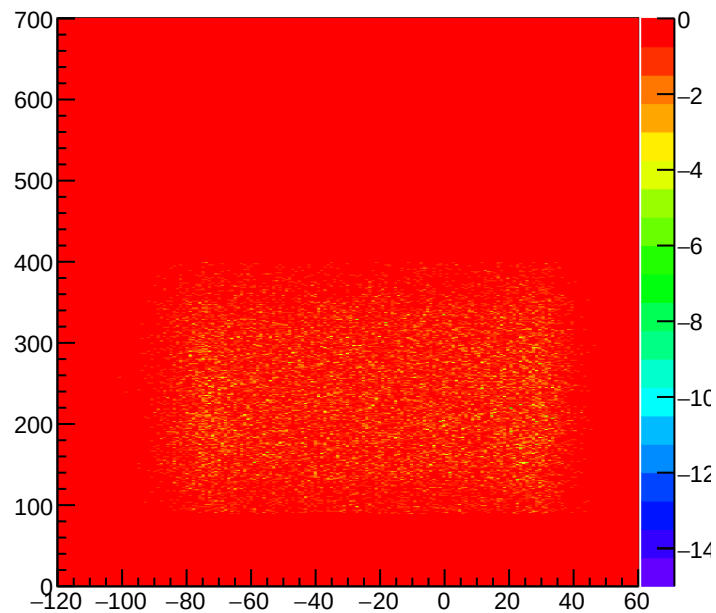
ECAL_tggVsEgg_10ns5DegreeDeltaThetaUnderPeakETHr90



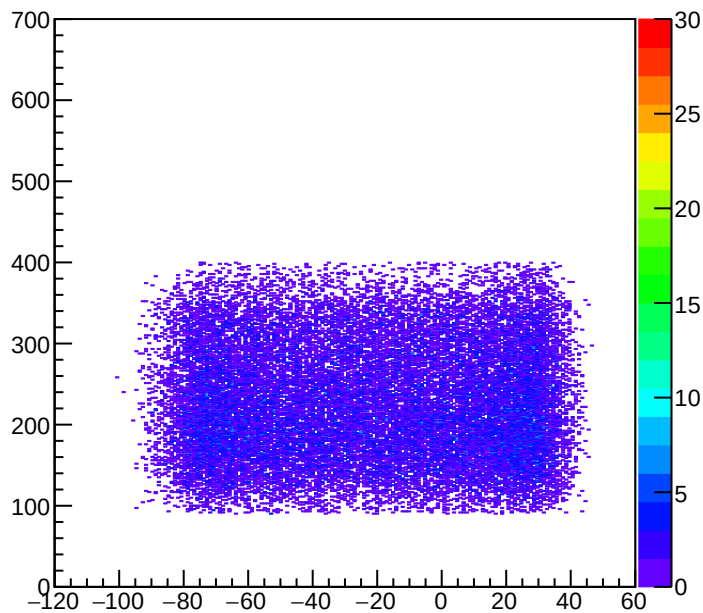
MC-Data>0



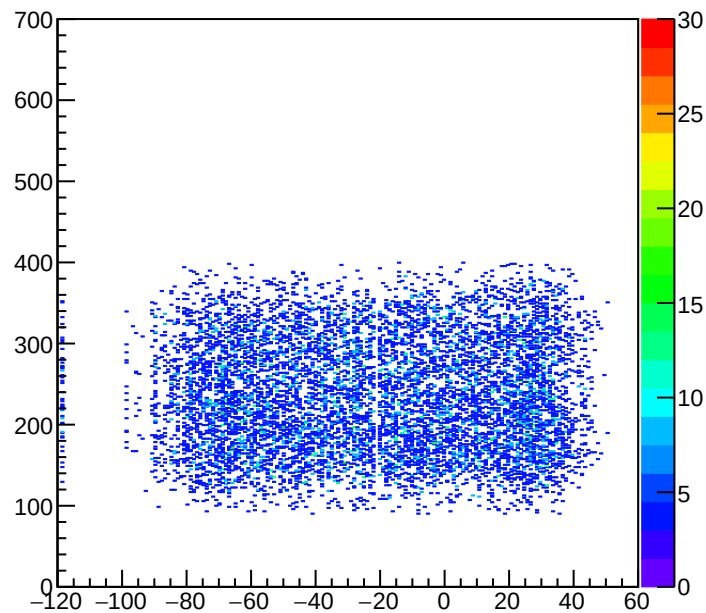
MC-Data<0



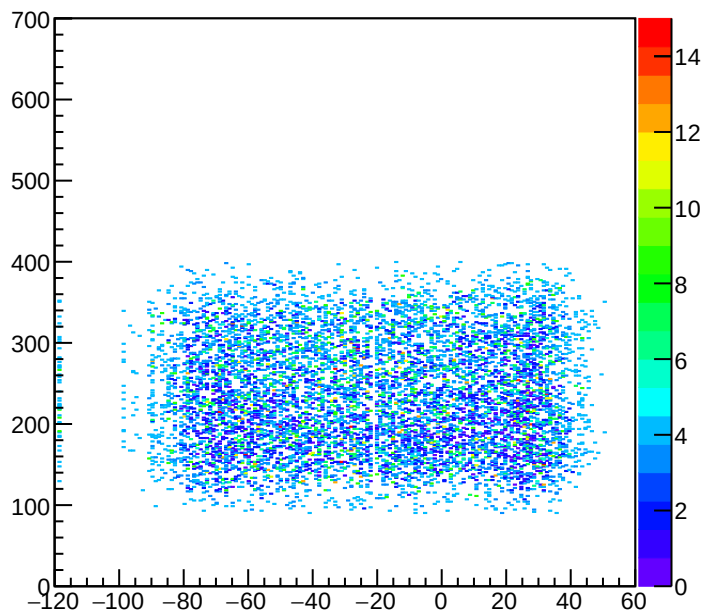
ECAL_tggVsEgg_10ns3CoGUnderPeakEThr90



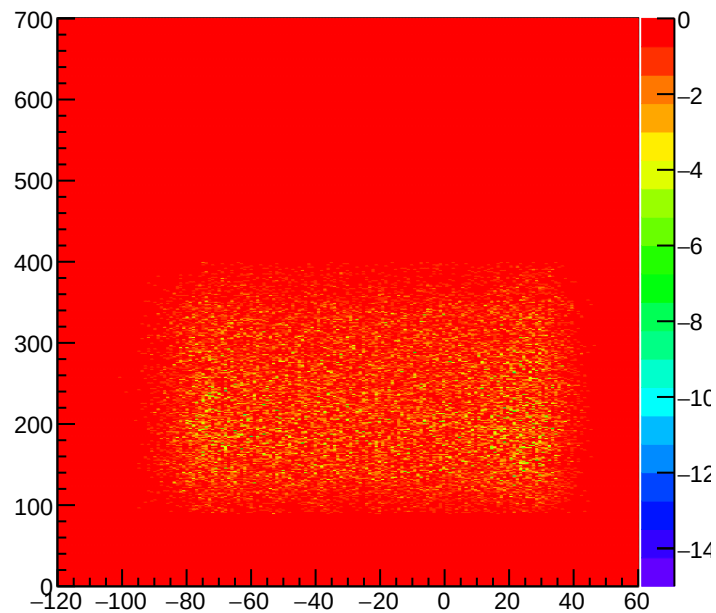
ECAL_tggVsEgg_10ns3CoGUnderPeakEThr90



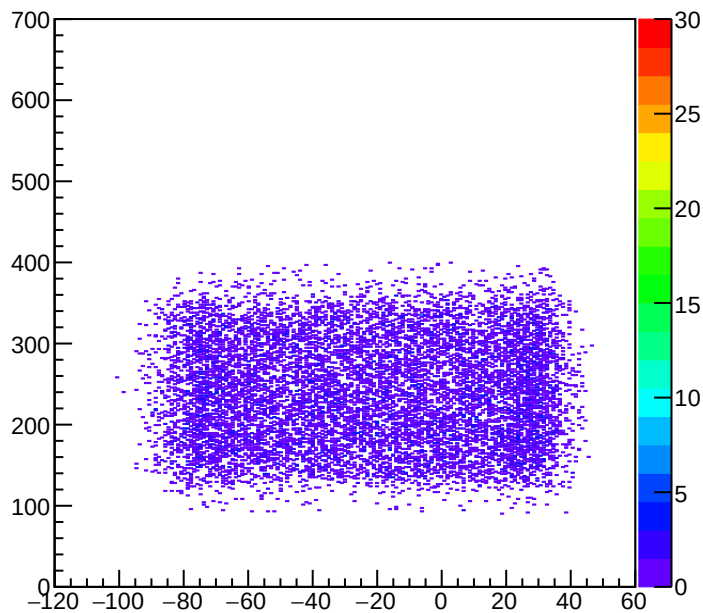
MC-Data>0



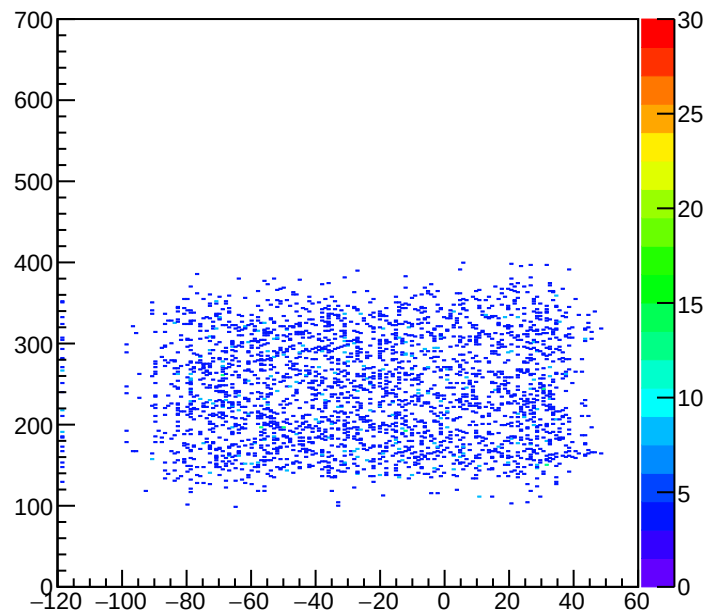
MC-Data<0



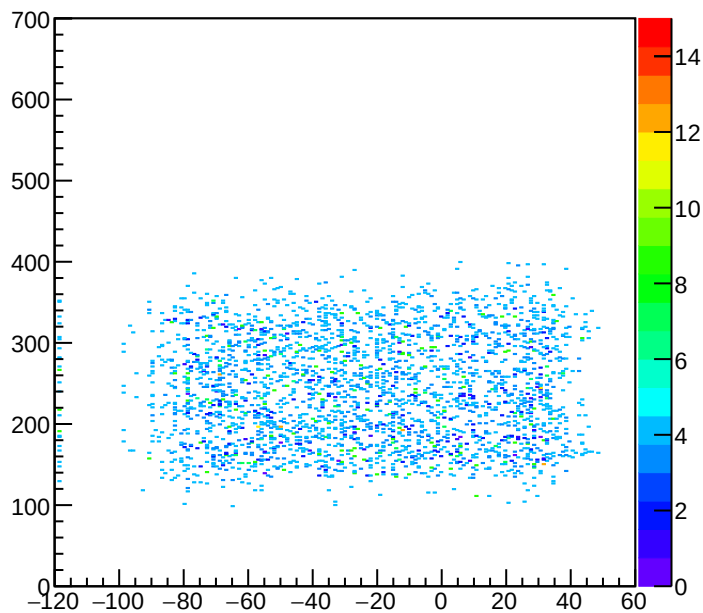
ECAL_tggVsEgg_10ns1CoGUnderPeakEThr90



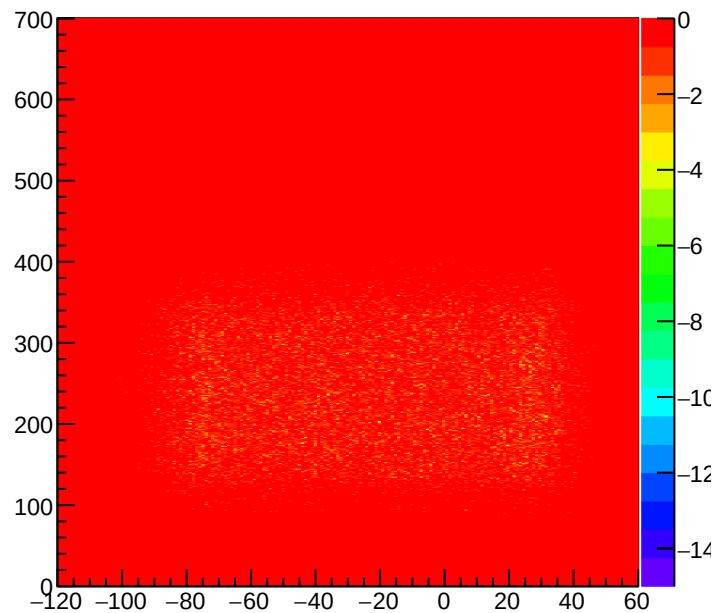
ECAL_tggVsEgg_10ns1CoGUnderPeakEThr90

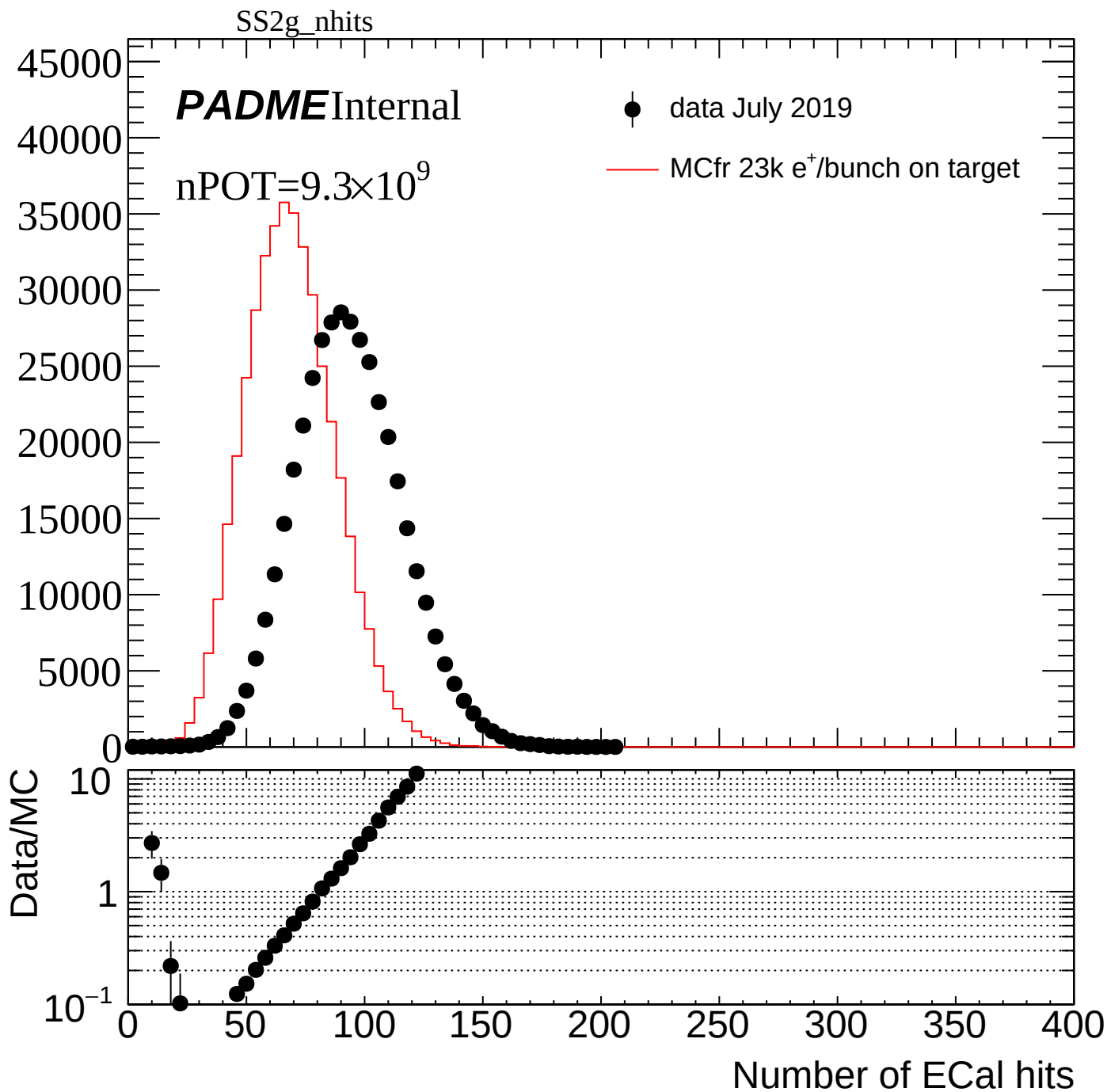


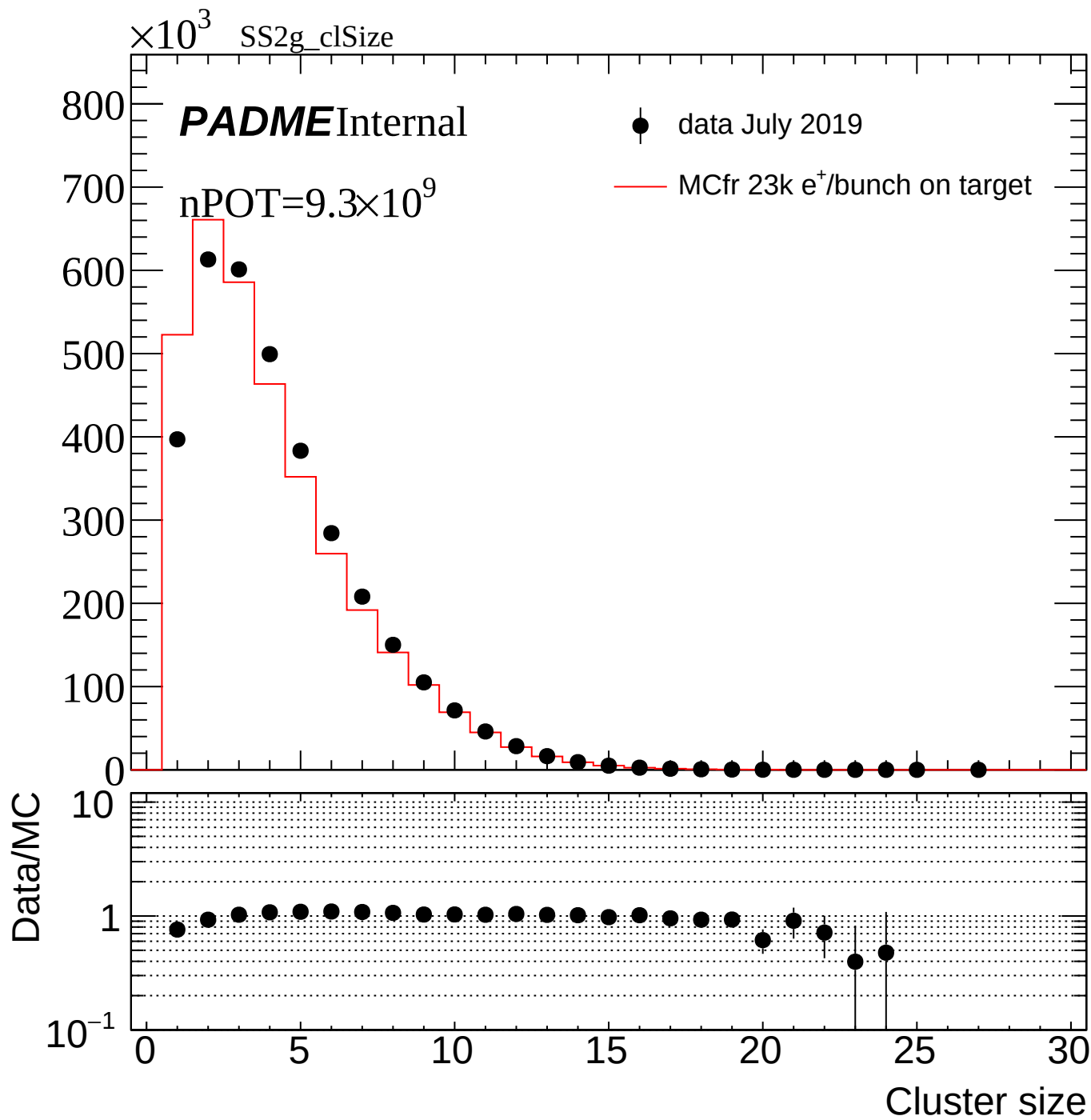
MC-Data>0

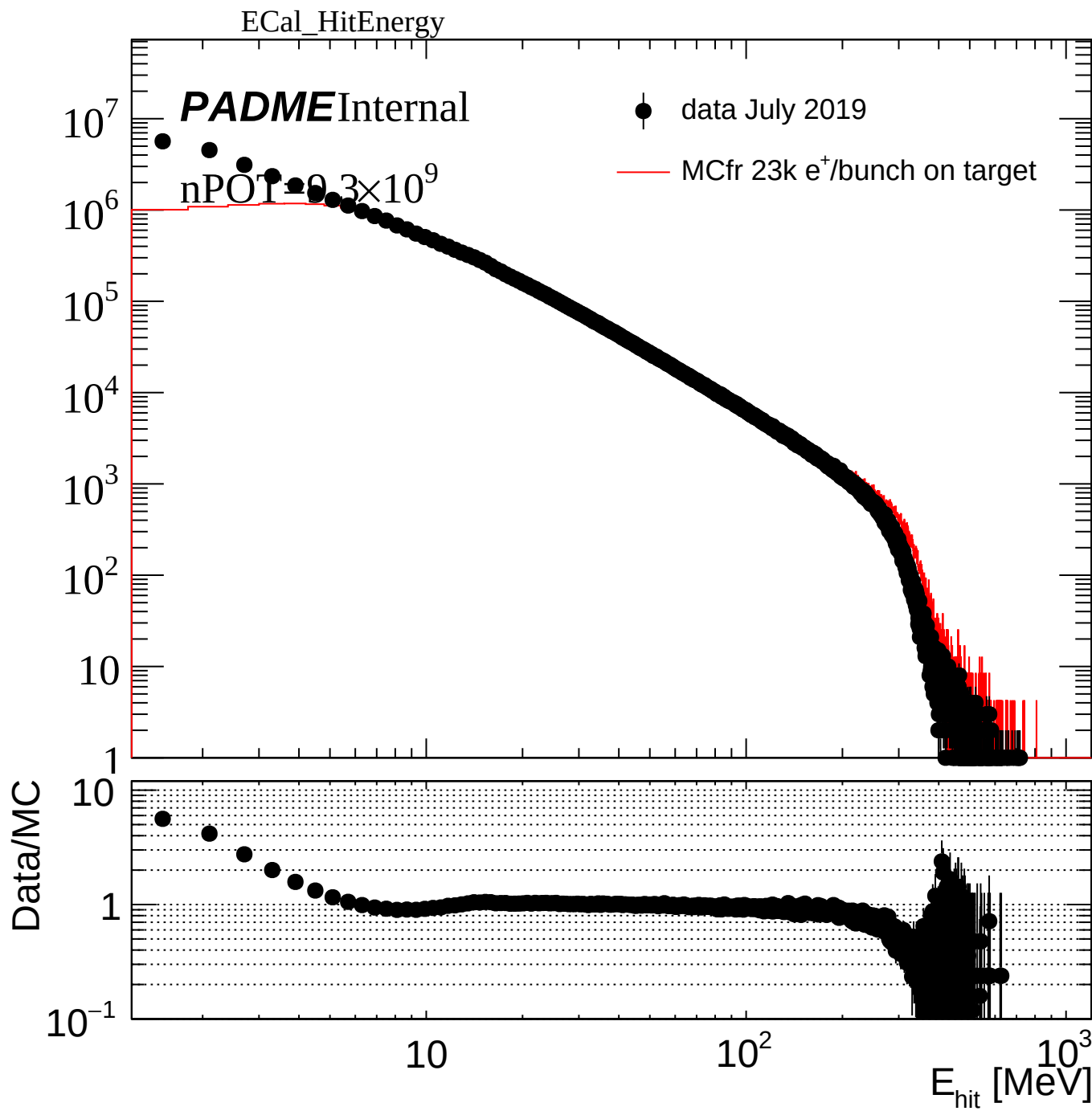


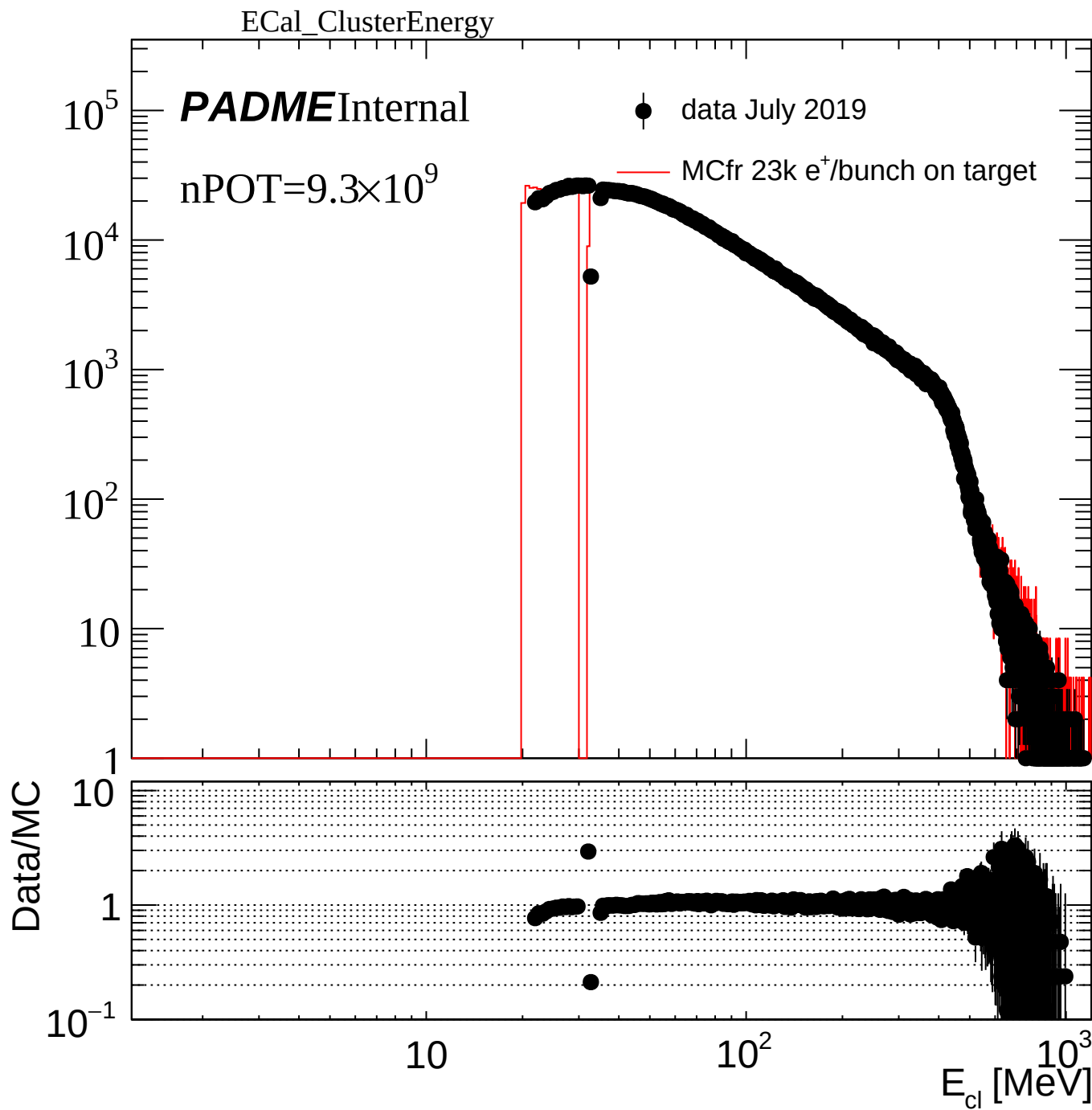
MC-Data<0



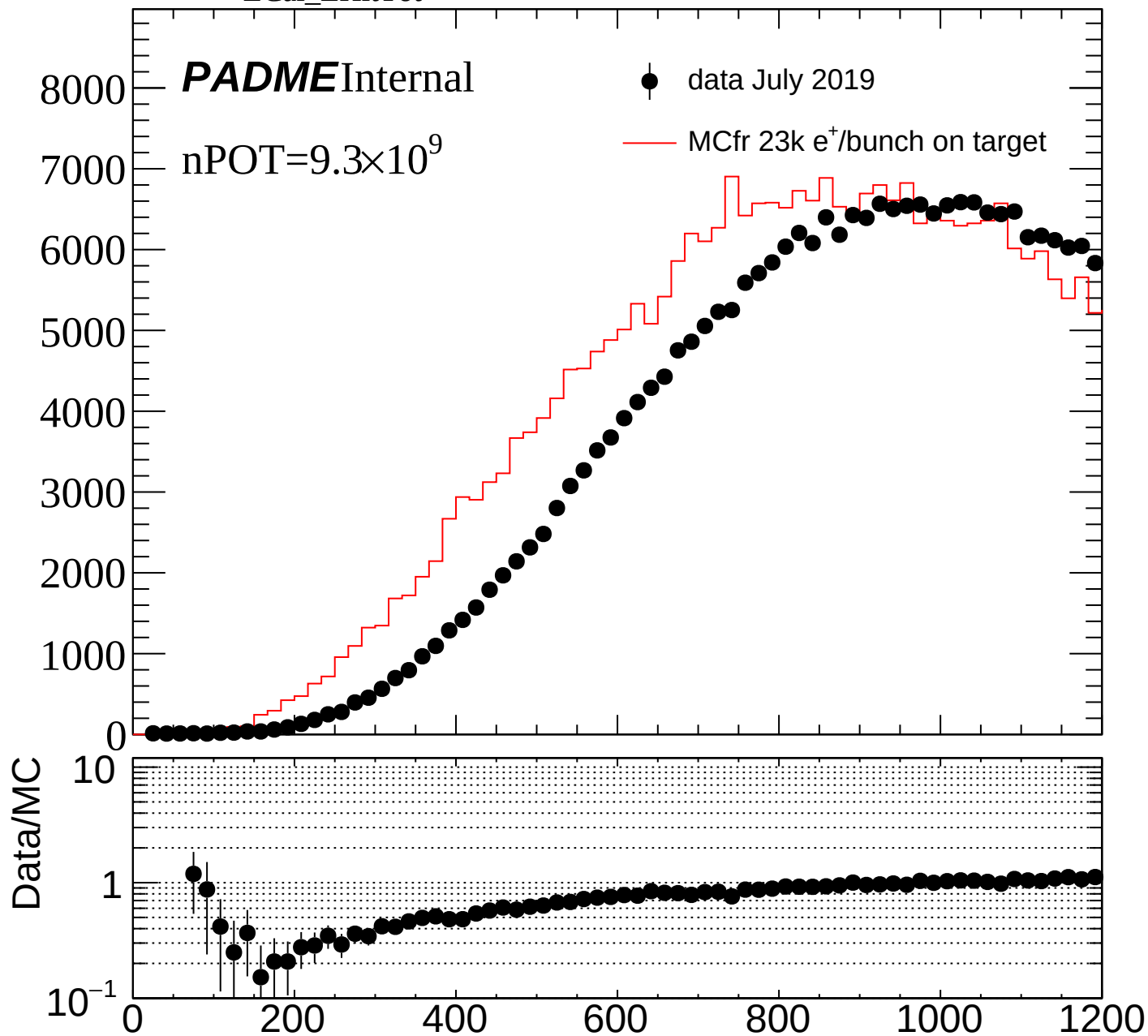


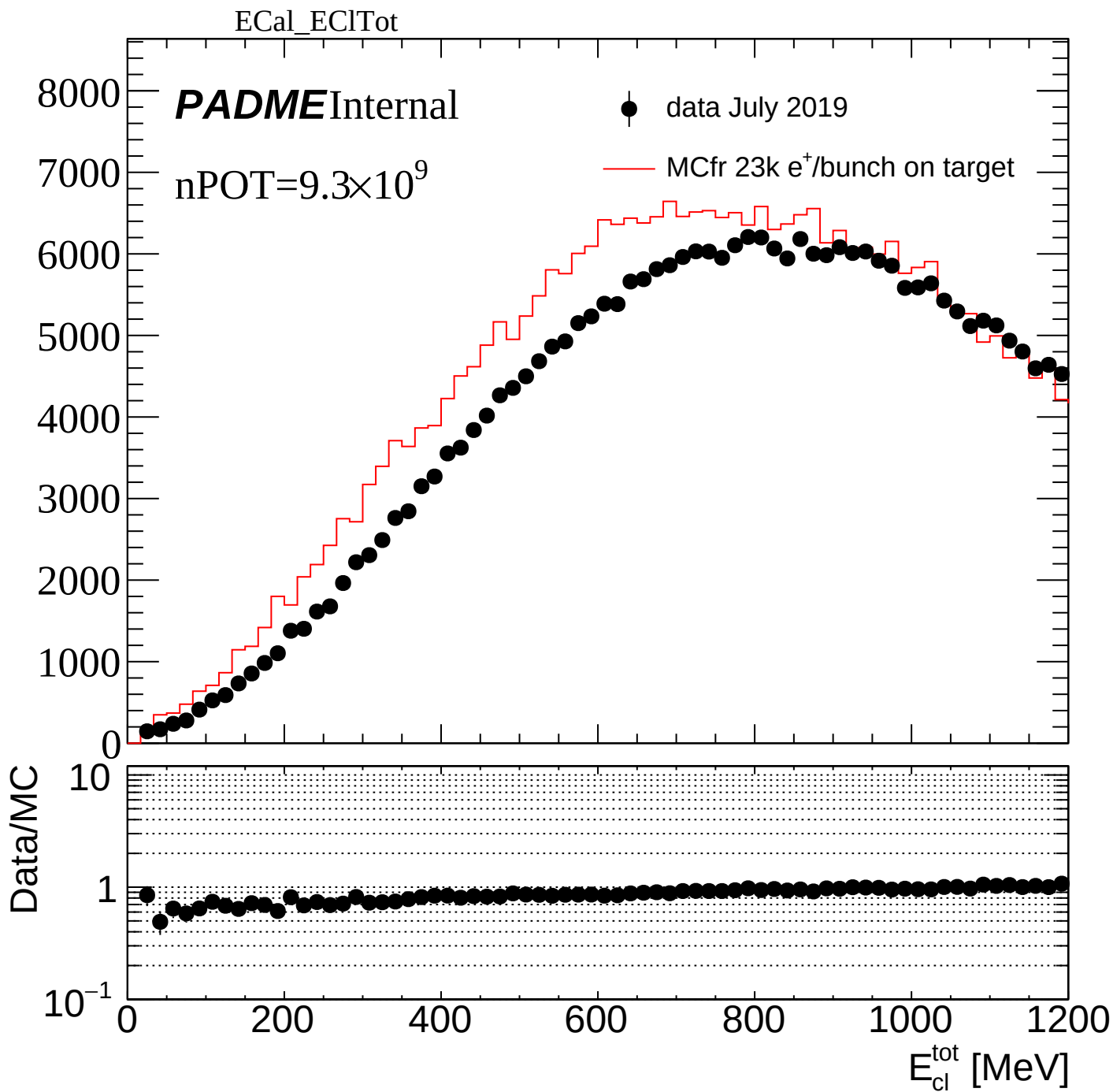


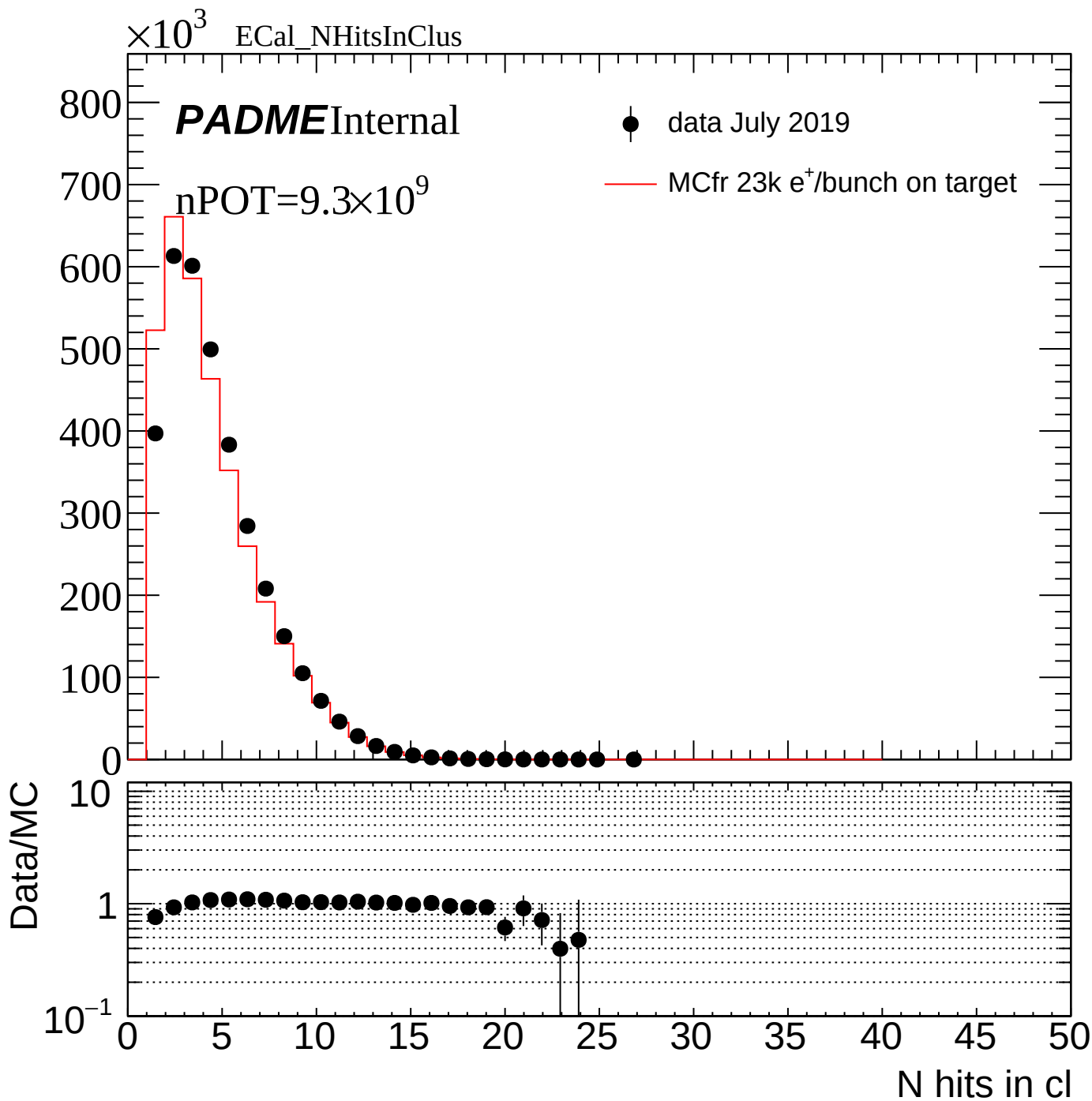


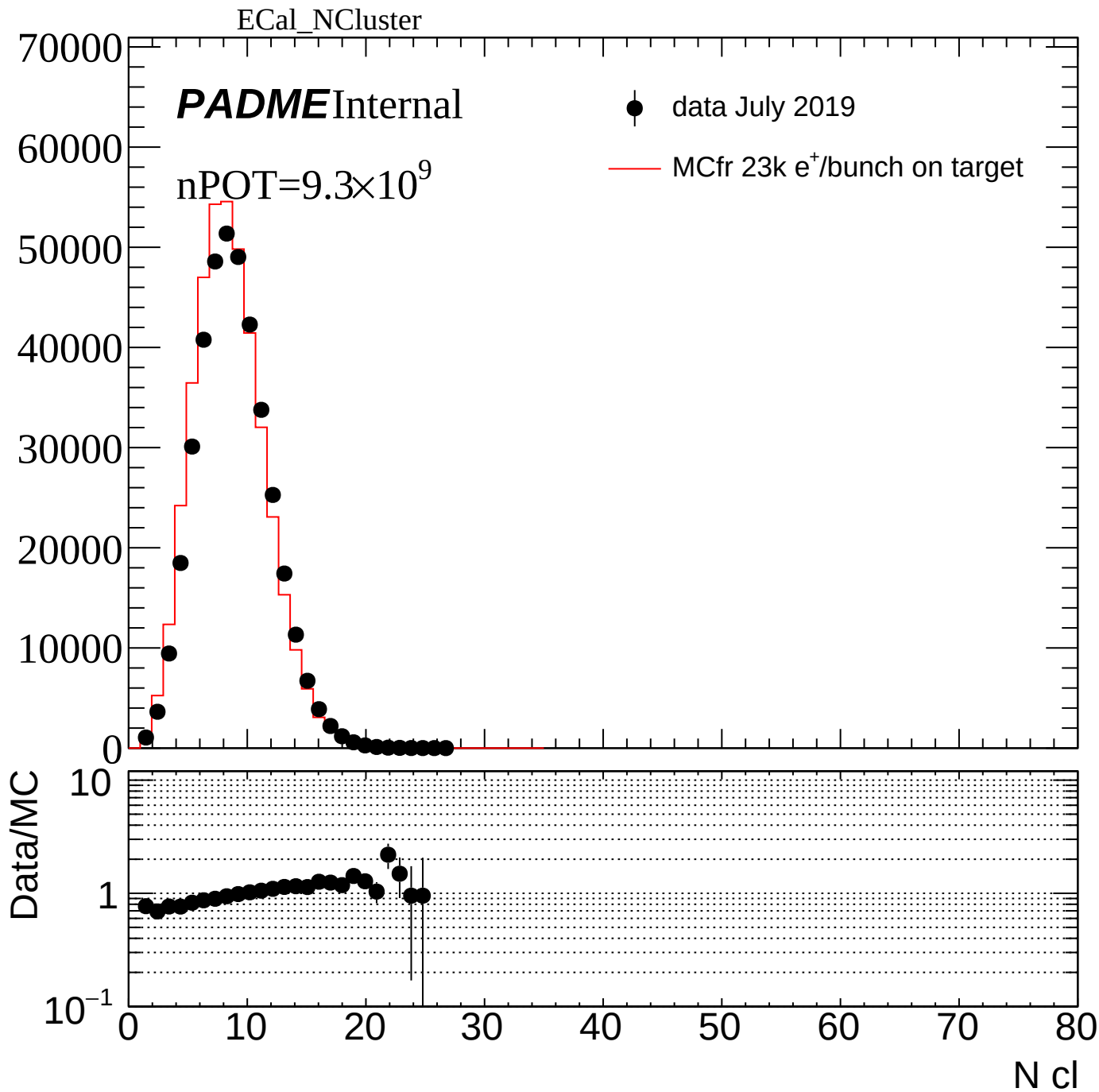


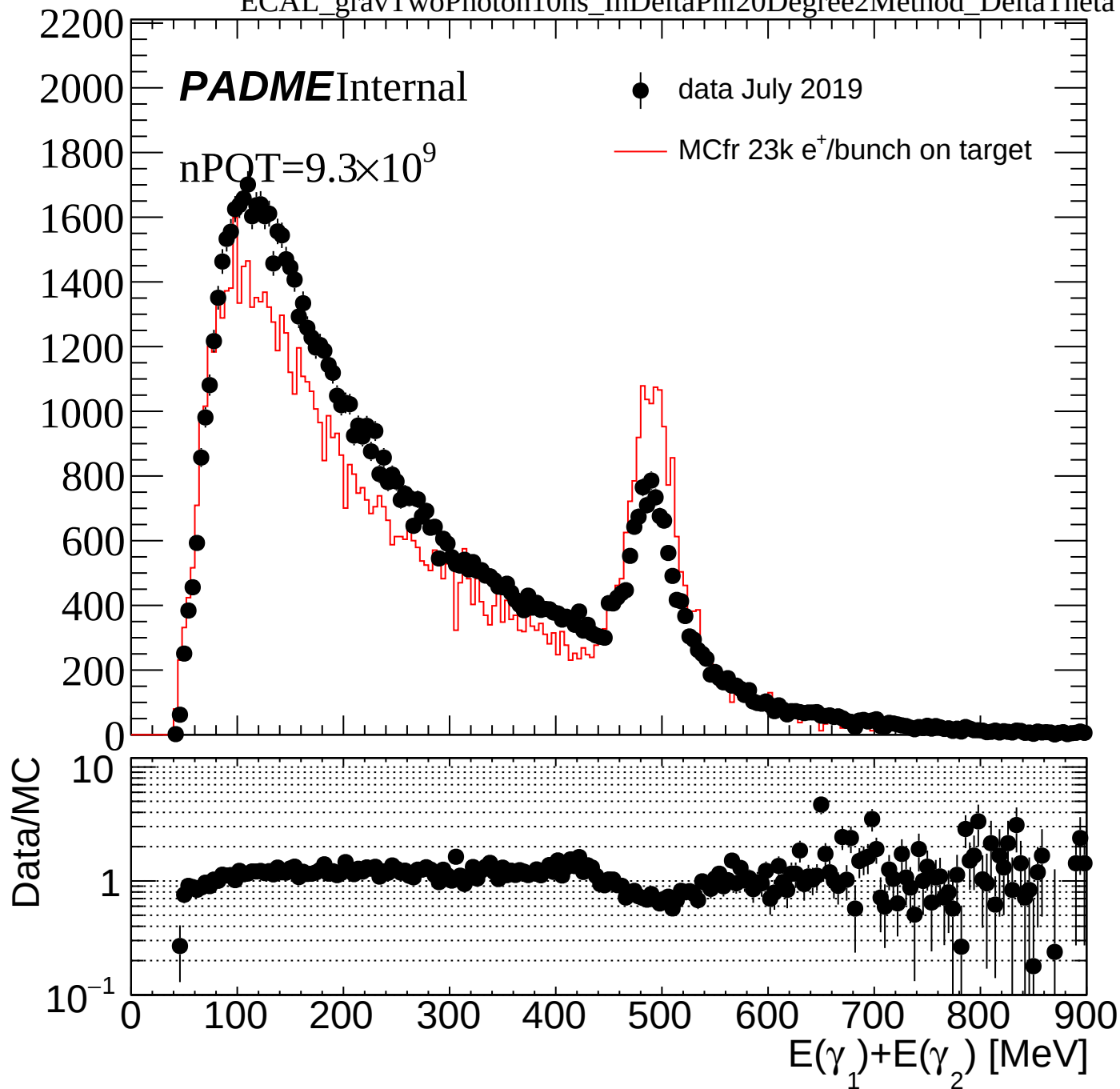
ECal_EHitTot











ECAL_twoPhotonInTime10ns20DegreeDeltaThetaUnderPeak

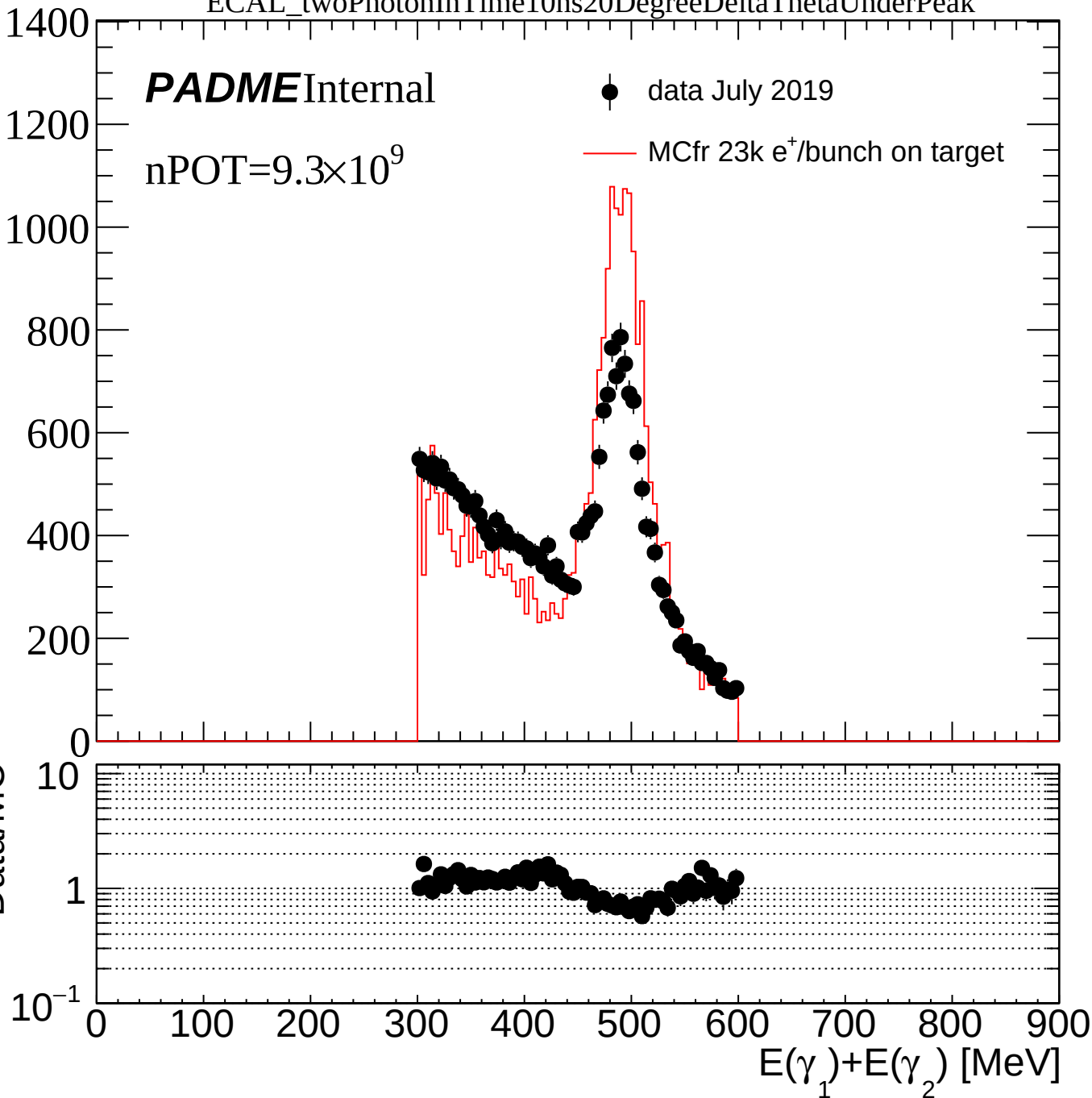
PADME Internal

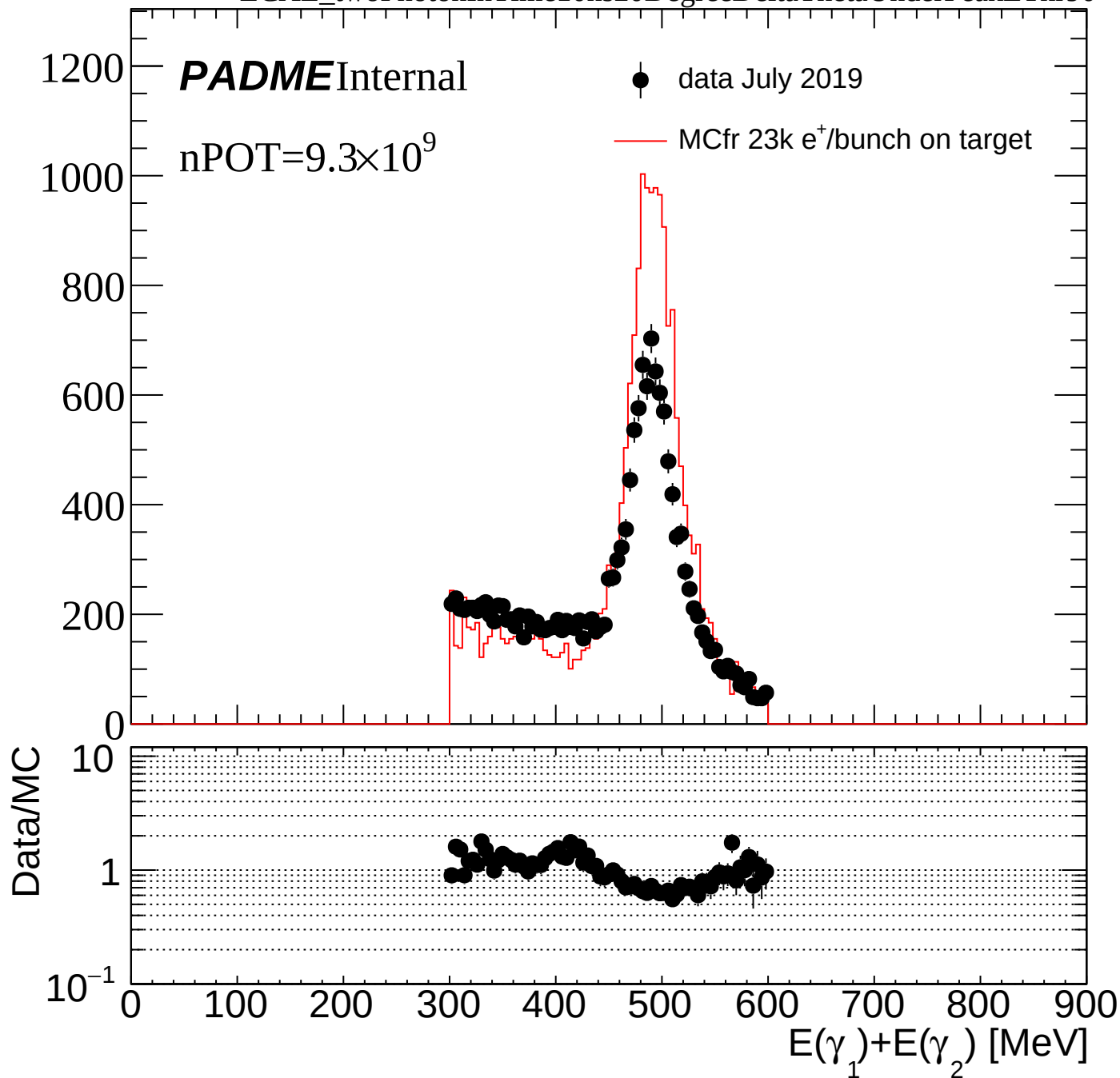
$nPOT=9.3 \times 10^9$

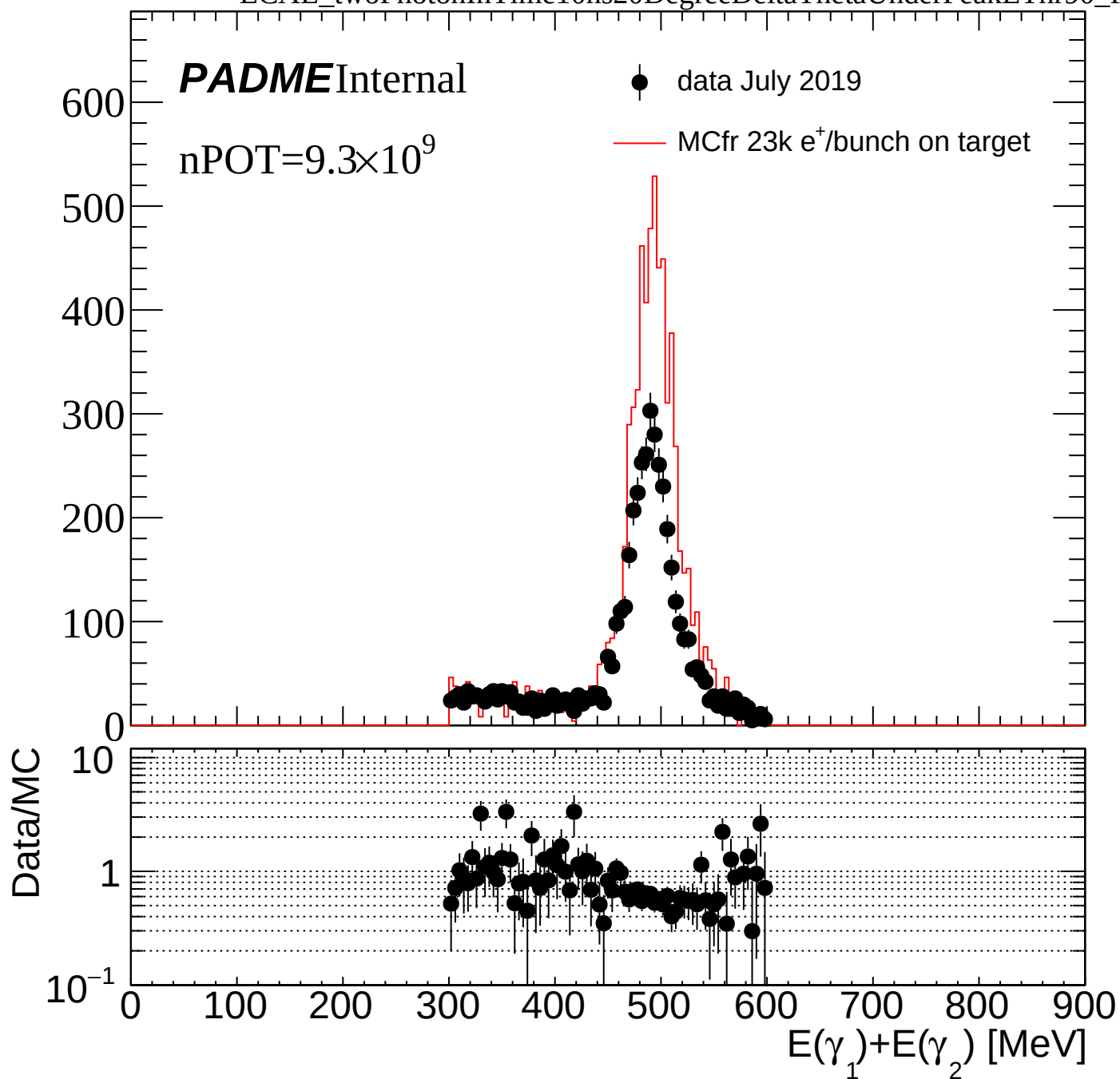
● data July 2019

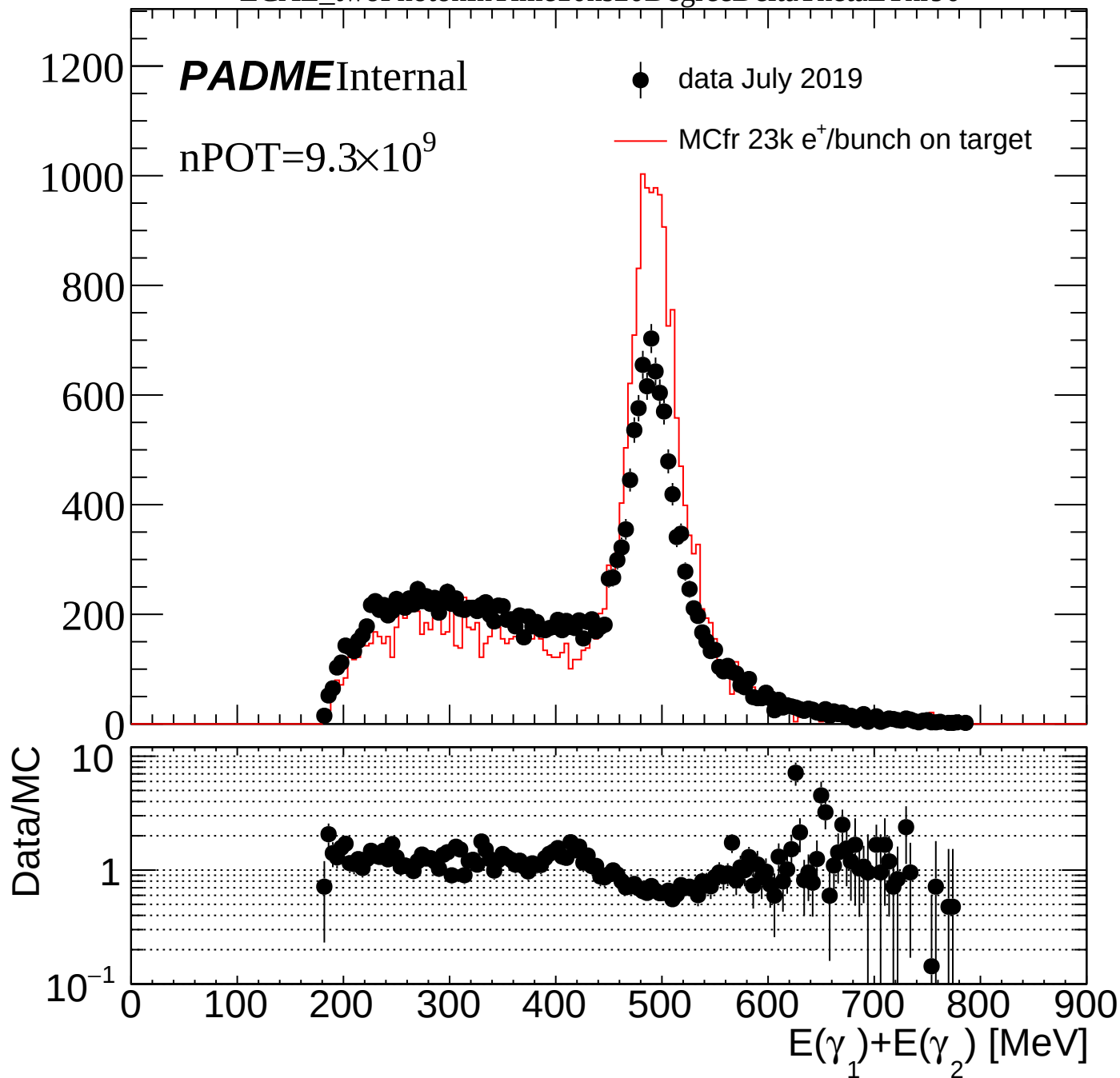
— MCfr 23k e⁺/bunch on target

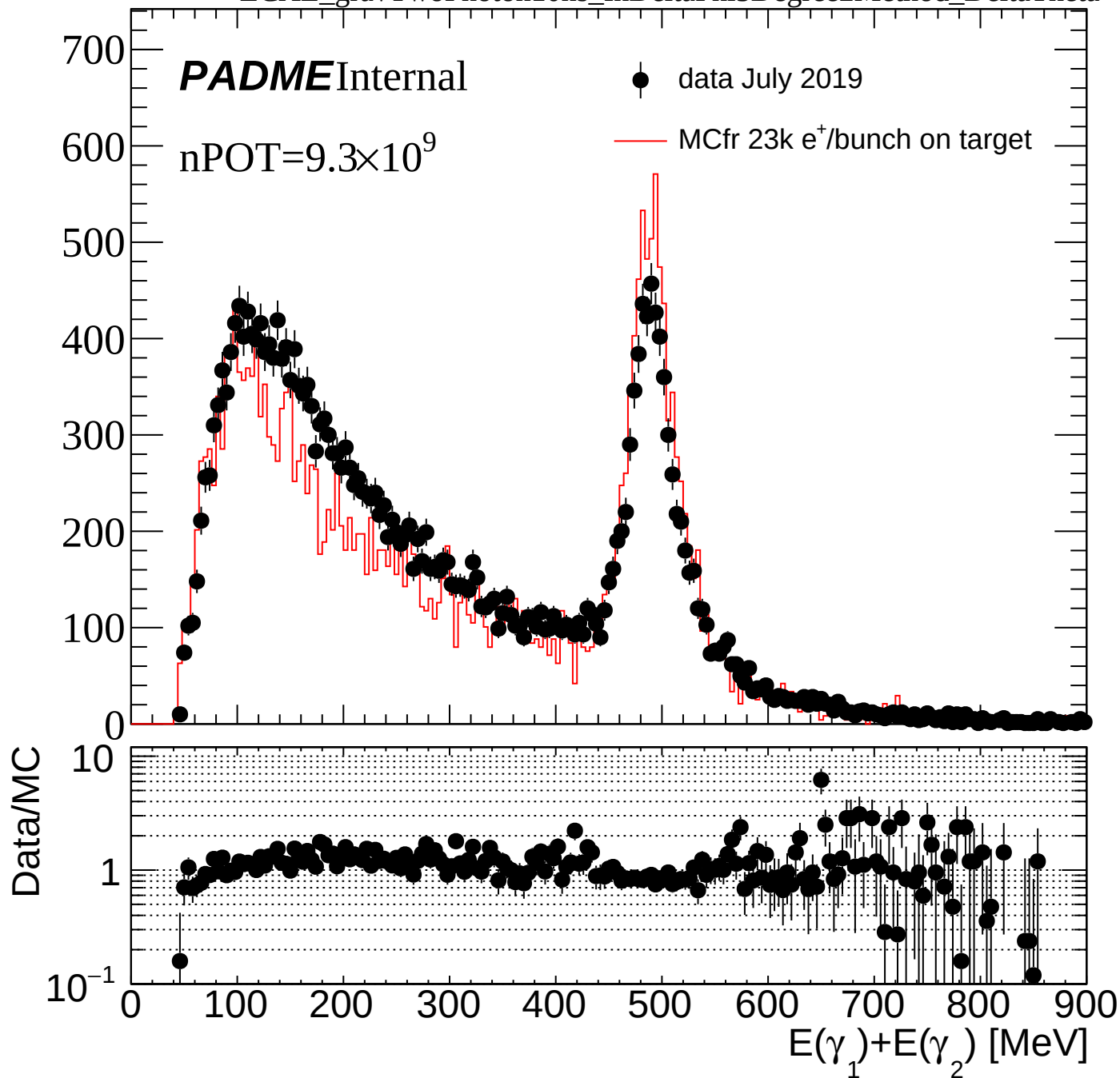
Data/MC

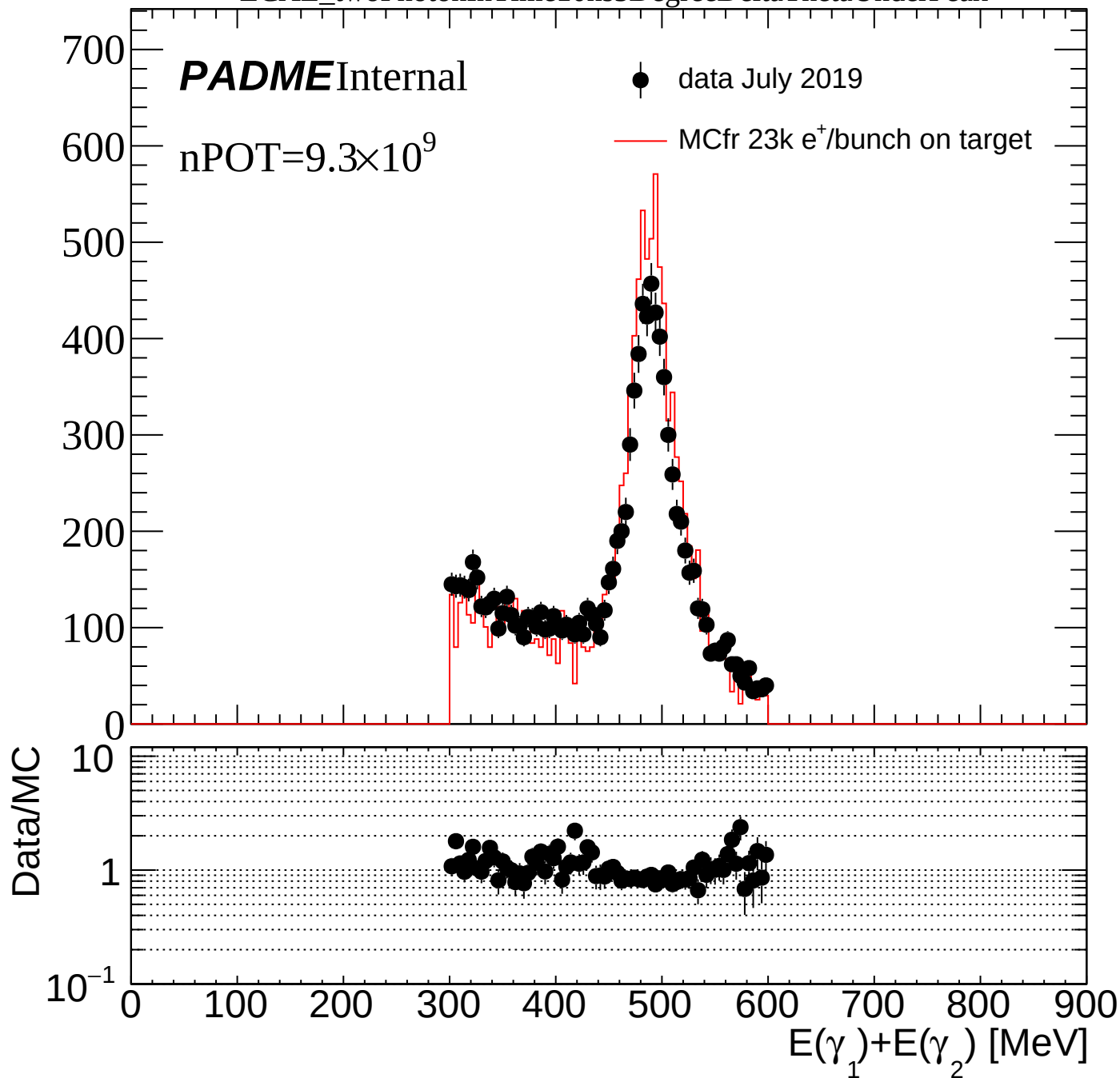


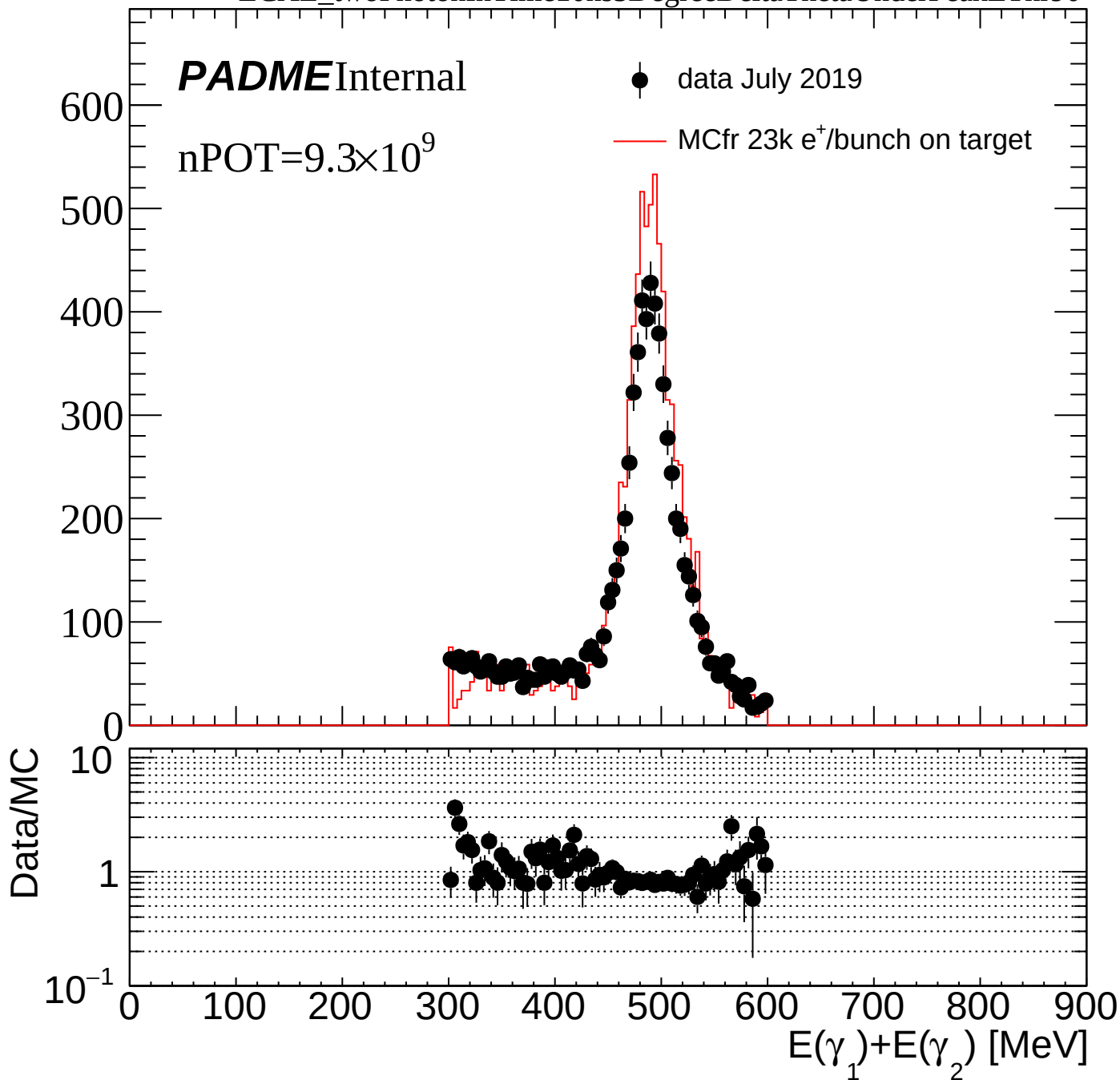


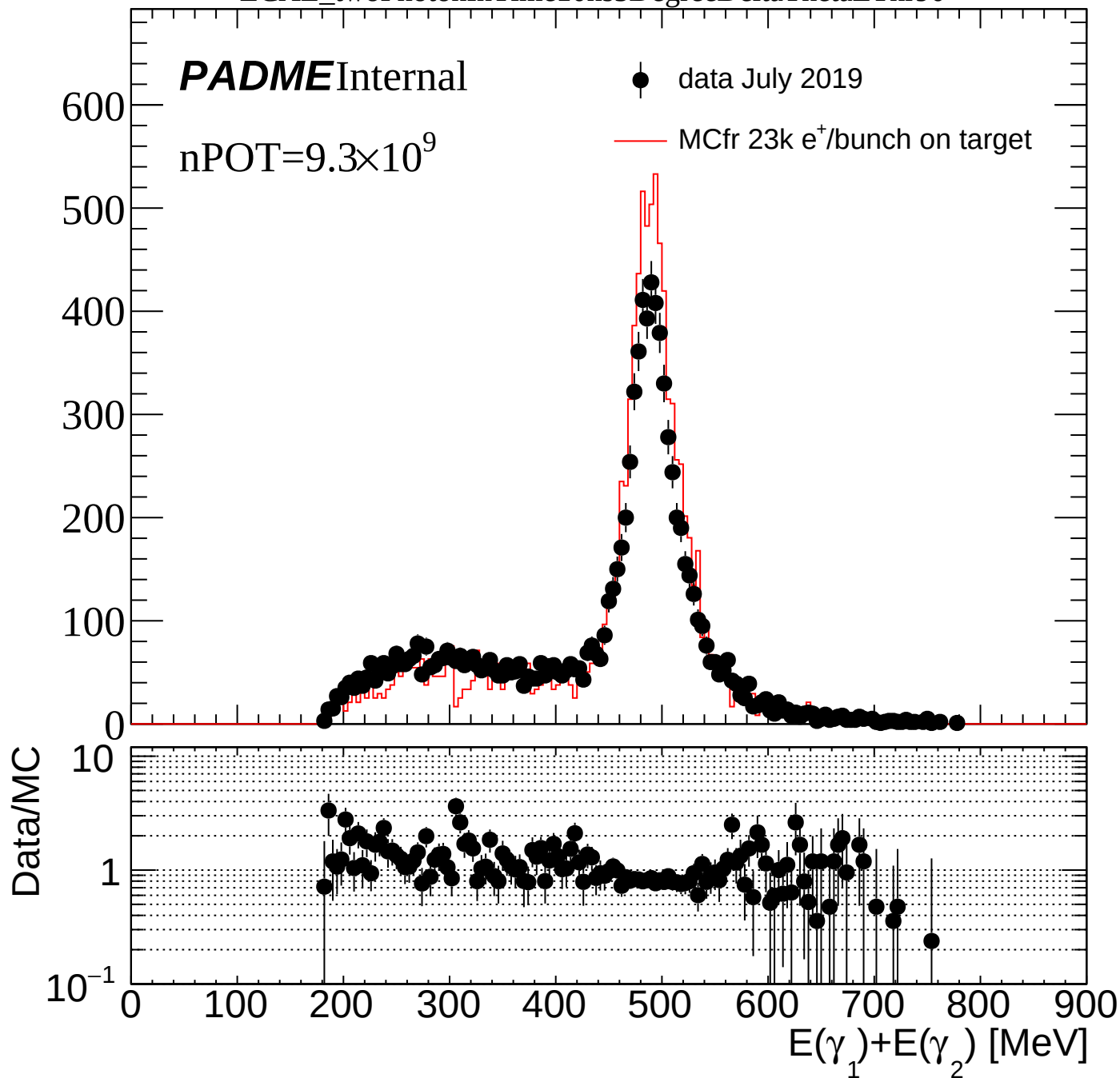


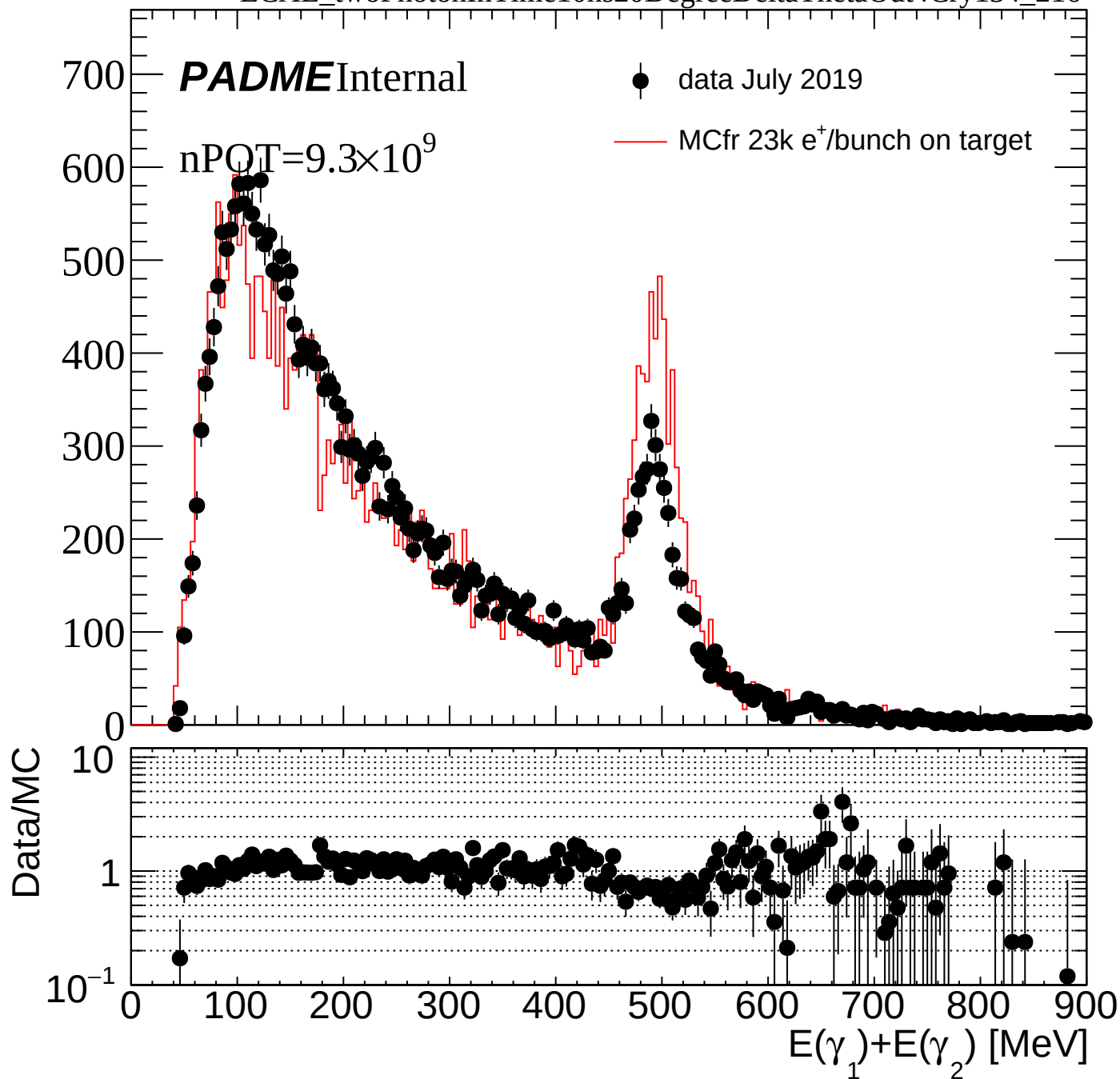


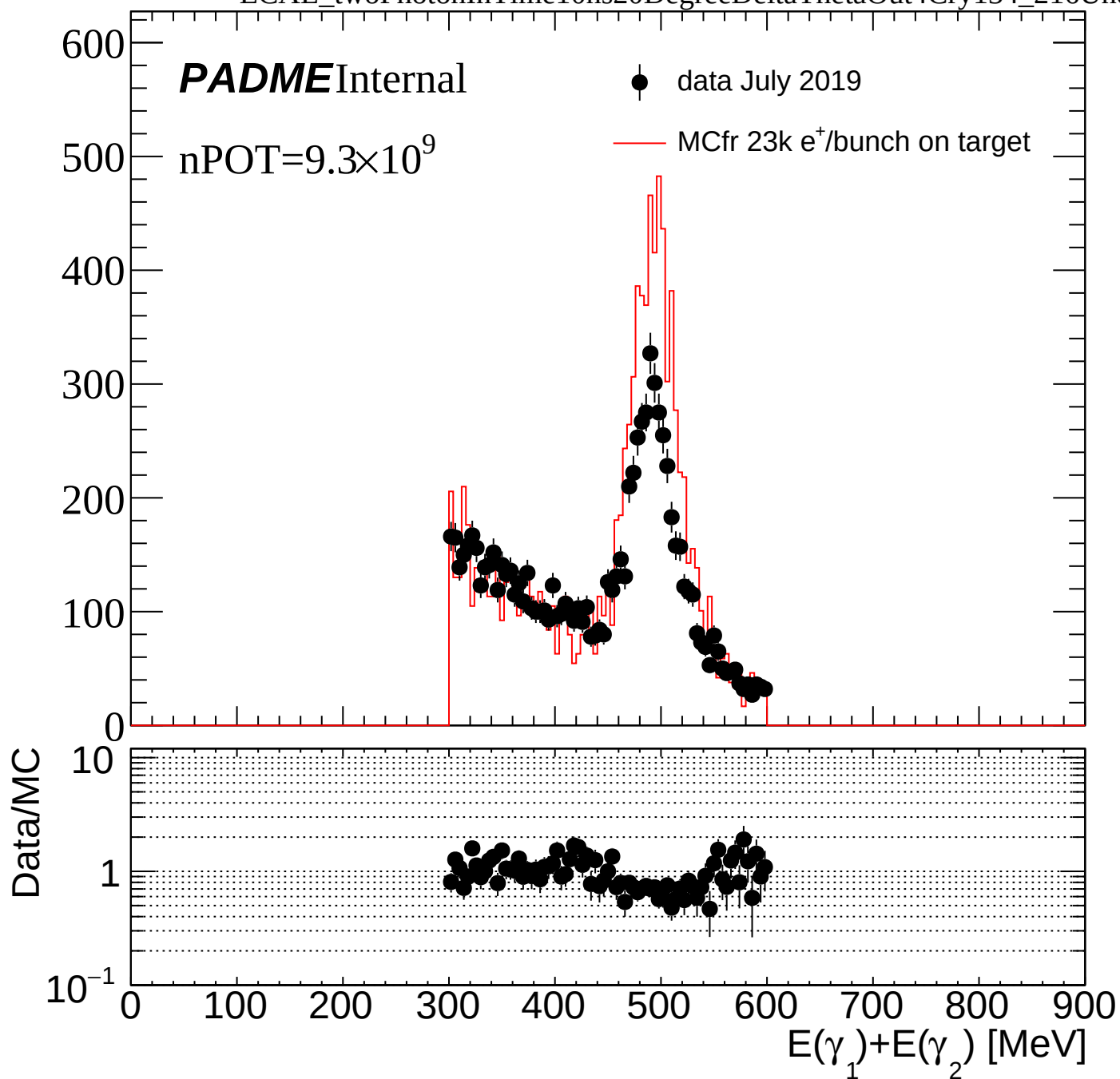


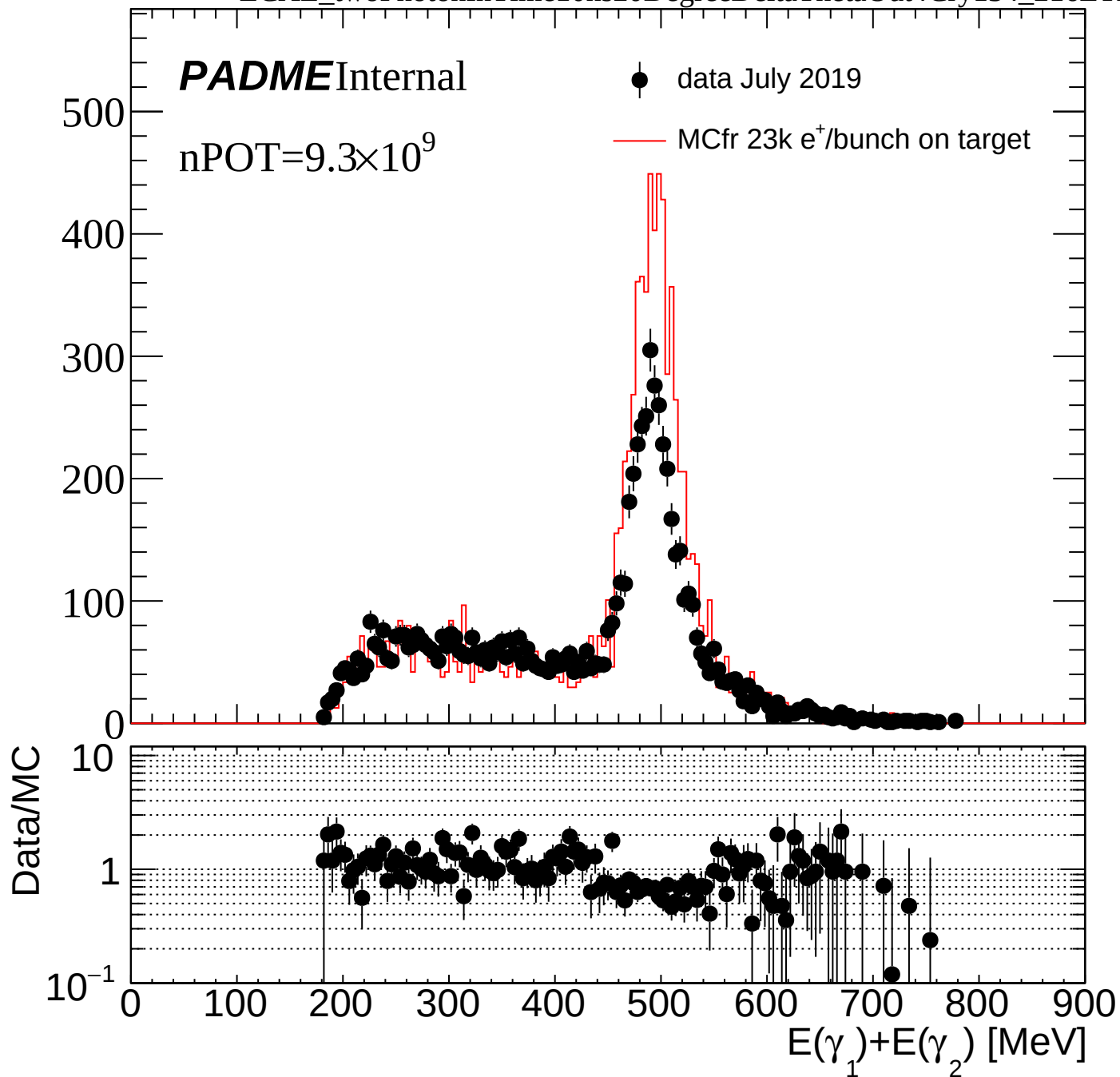


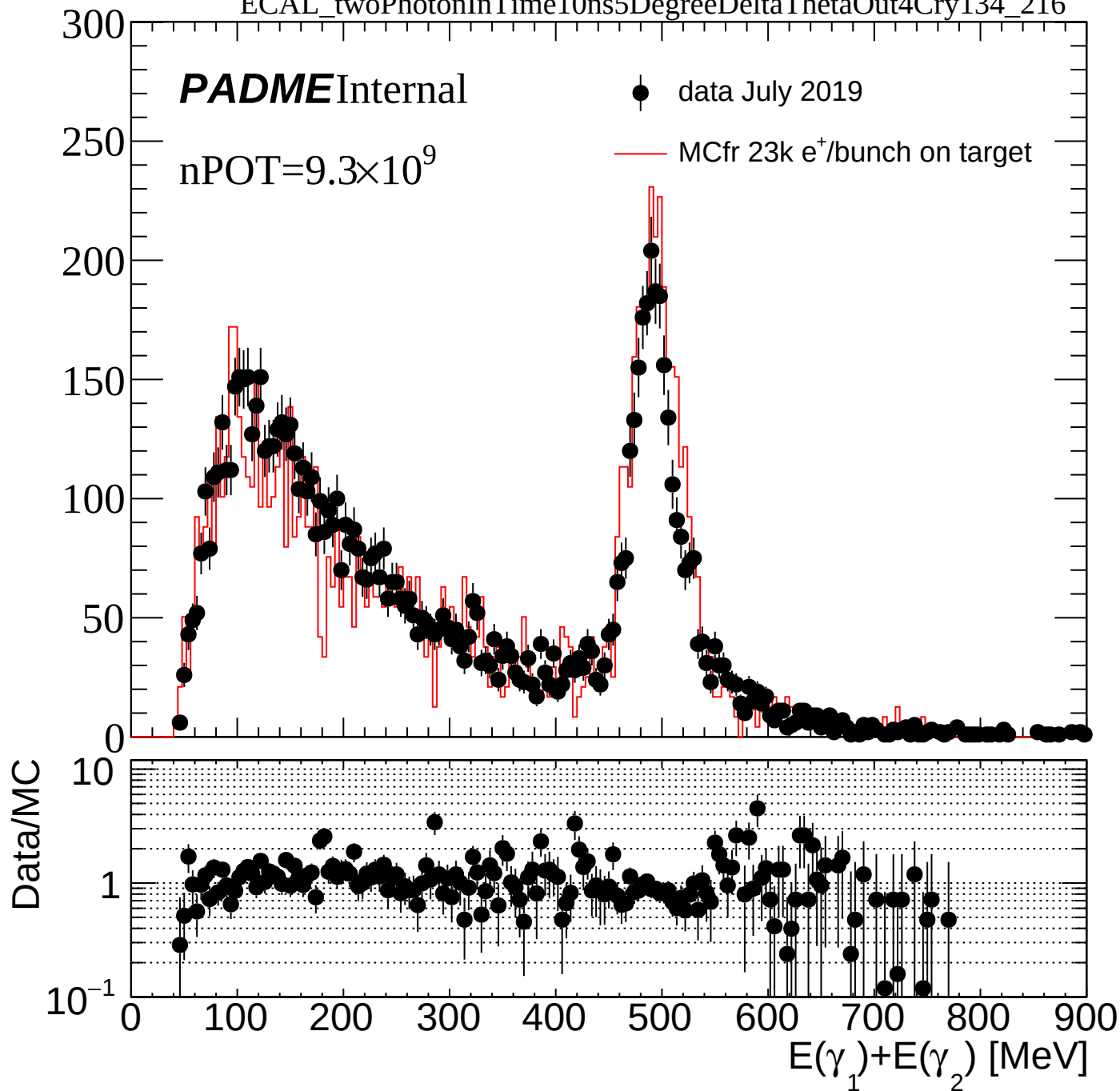


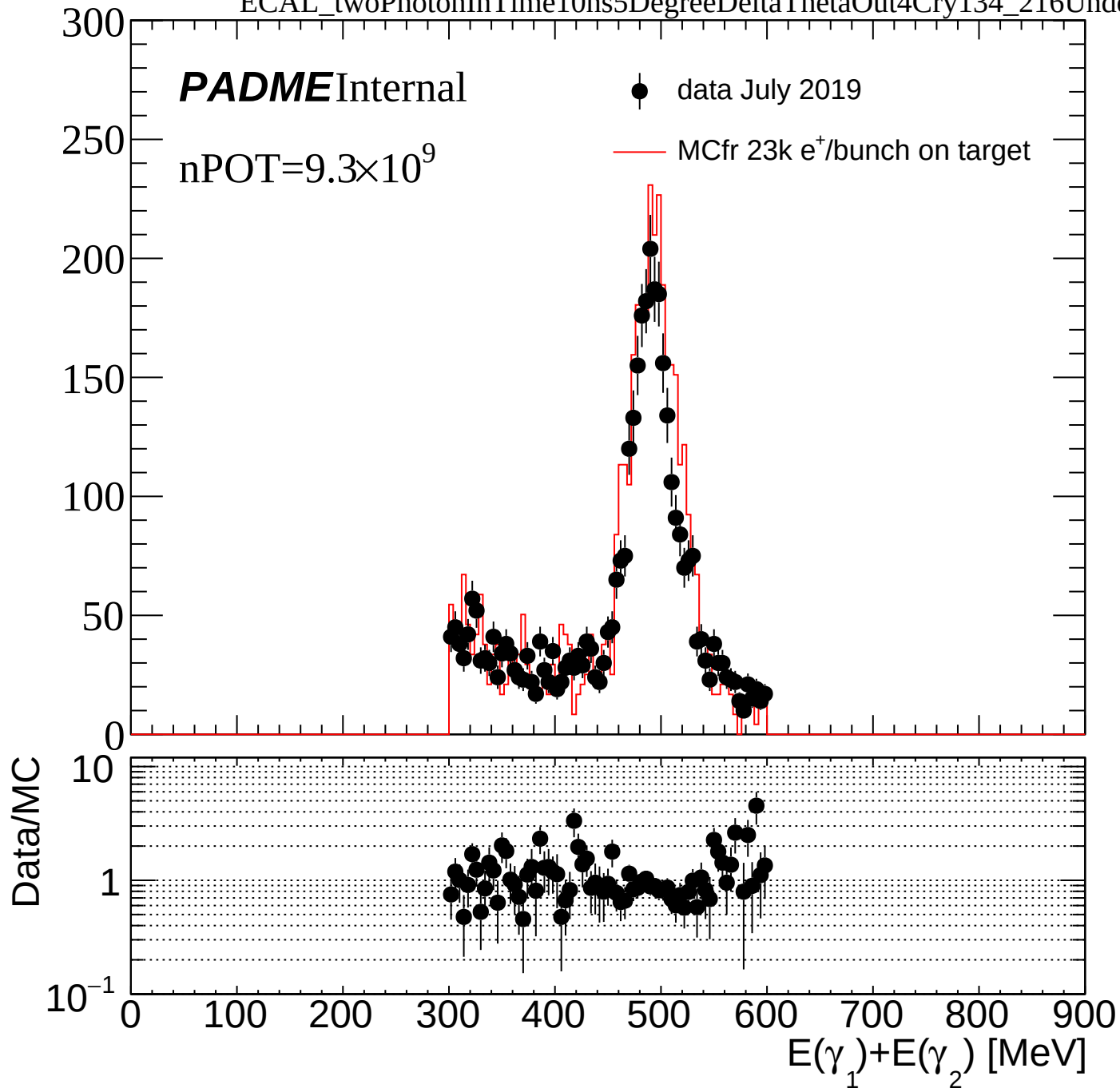


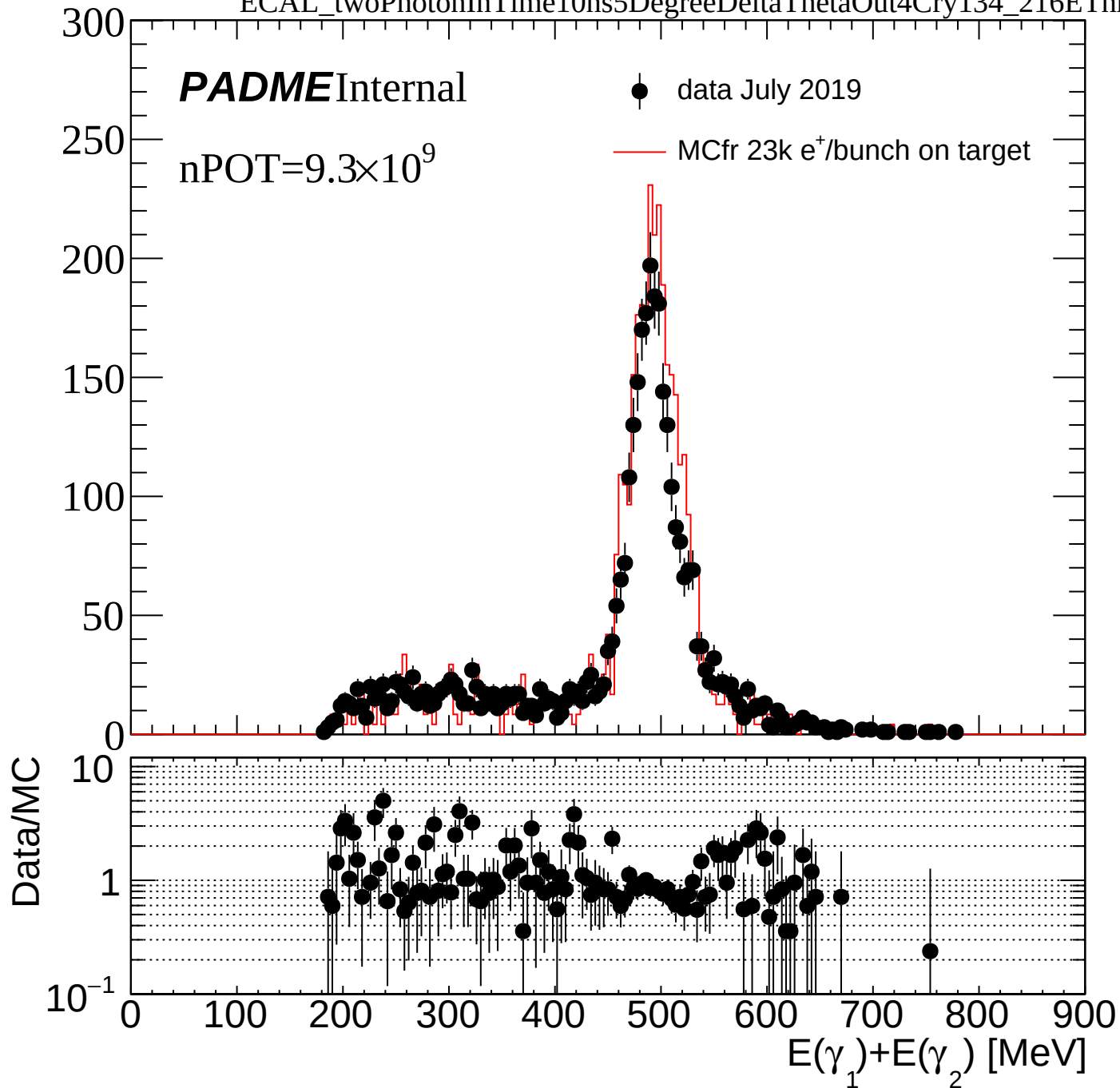




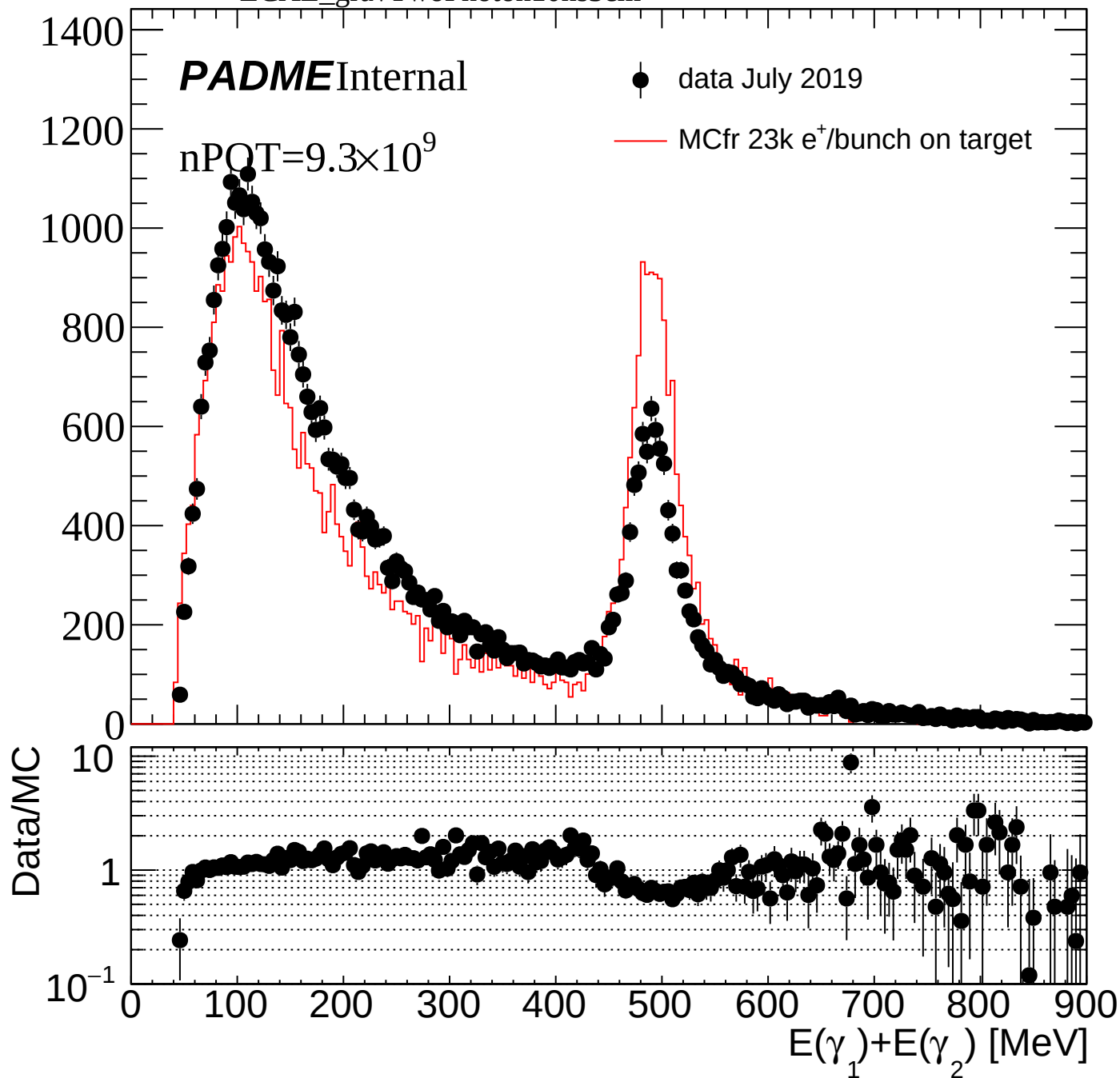


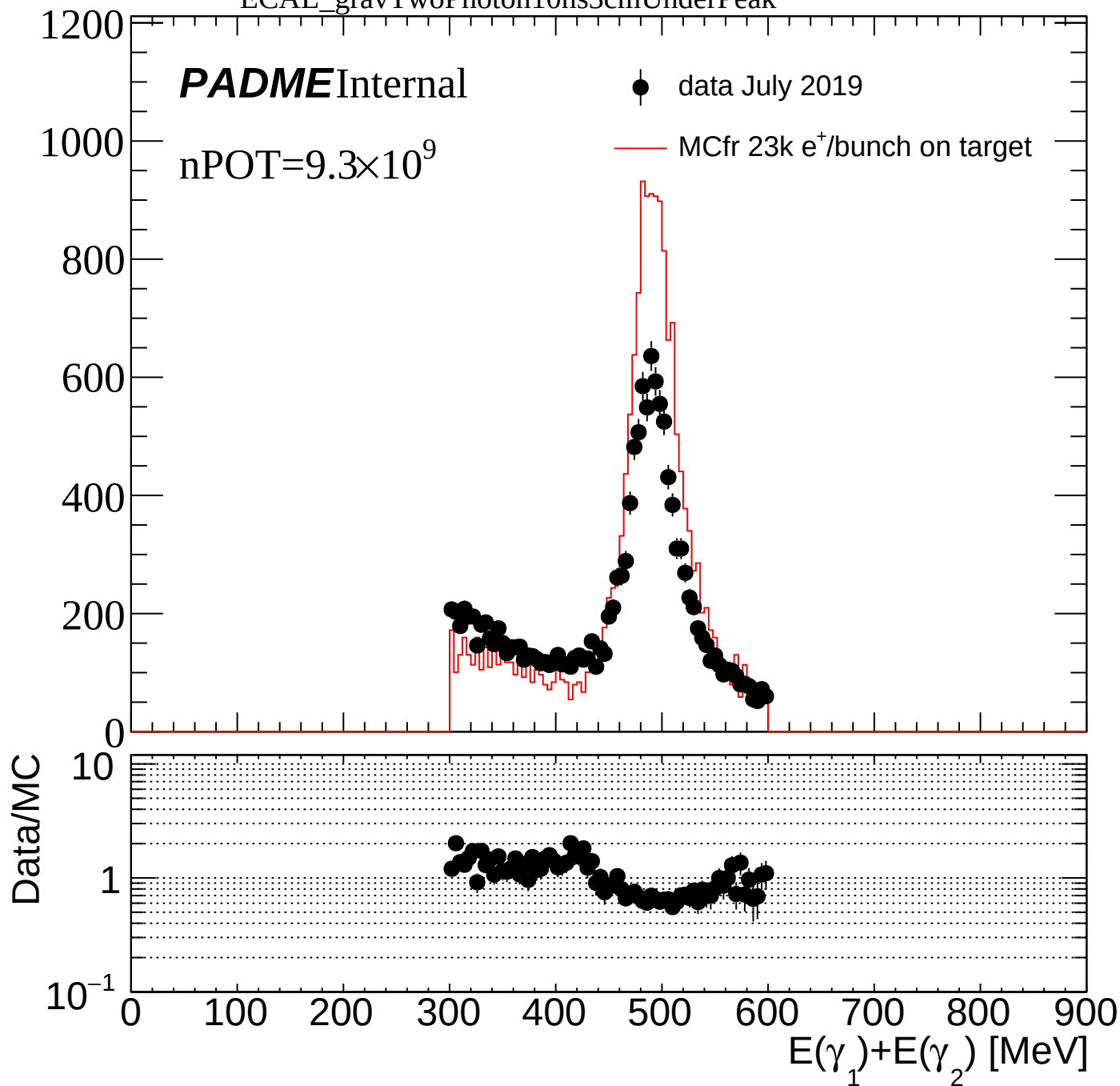


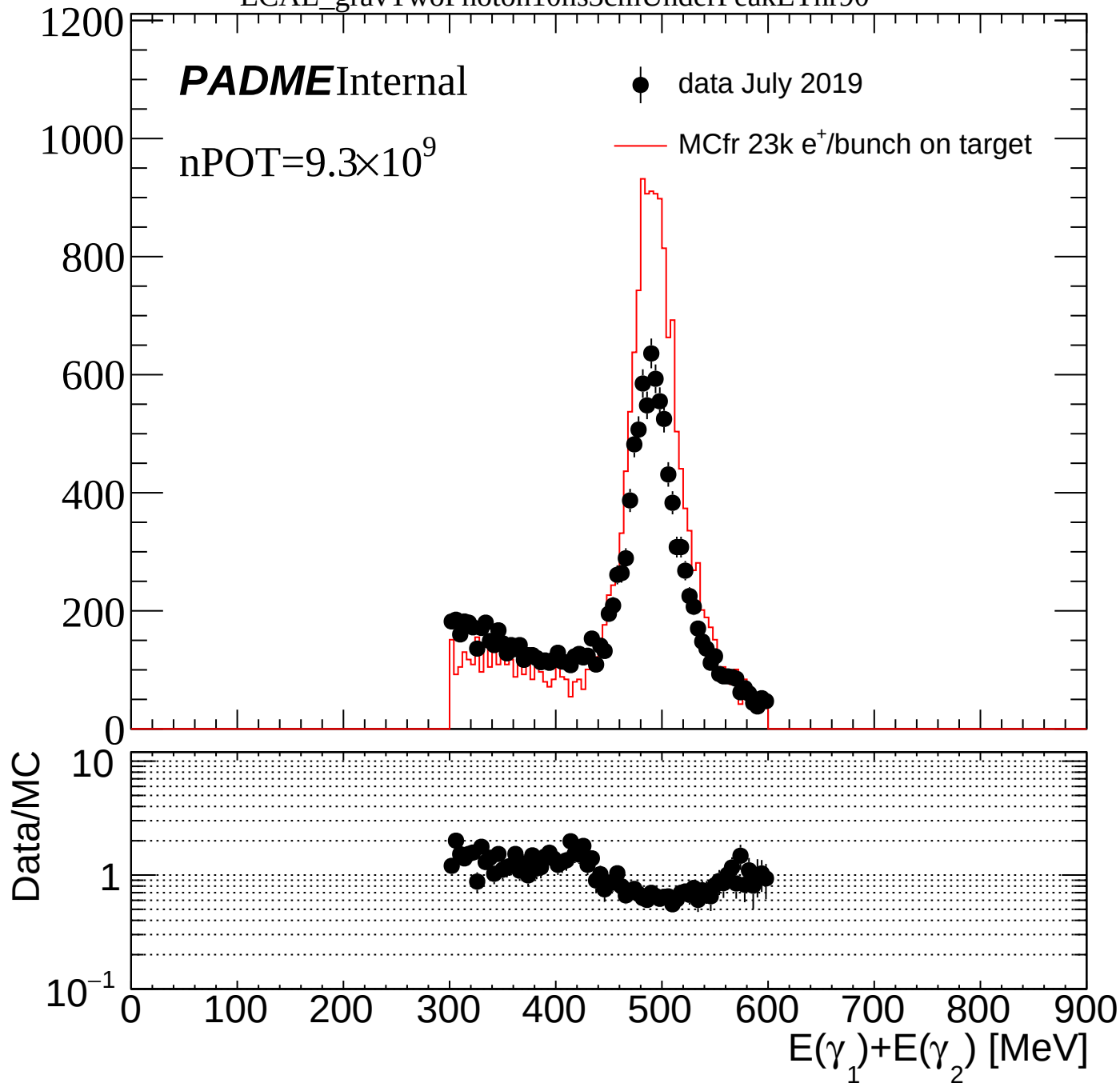


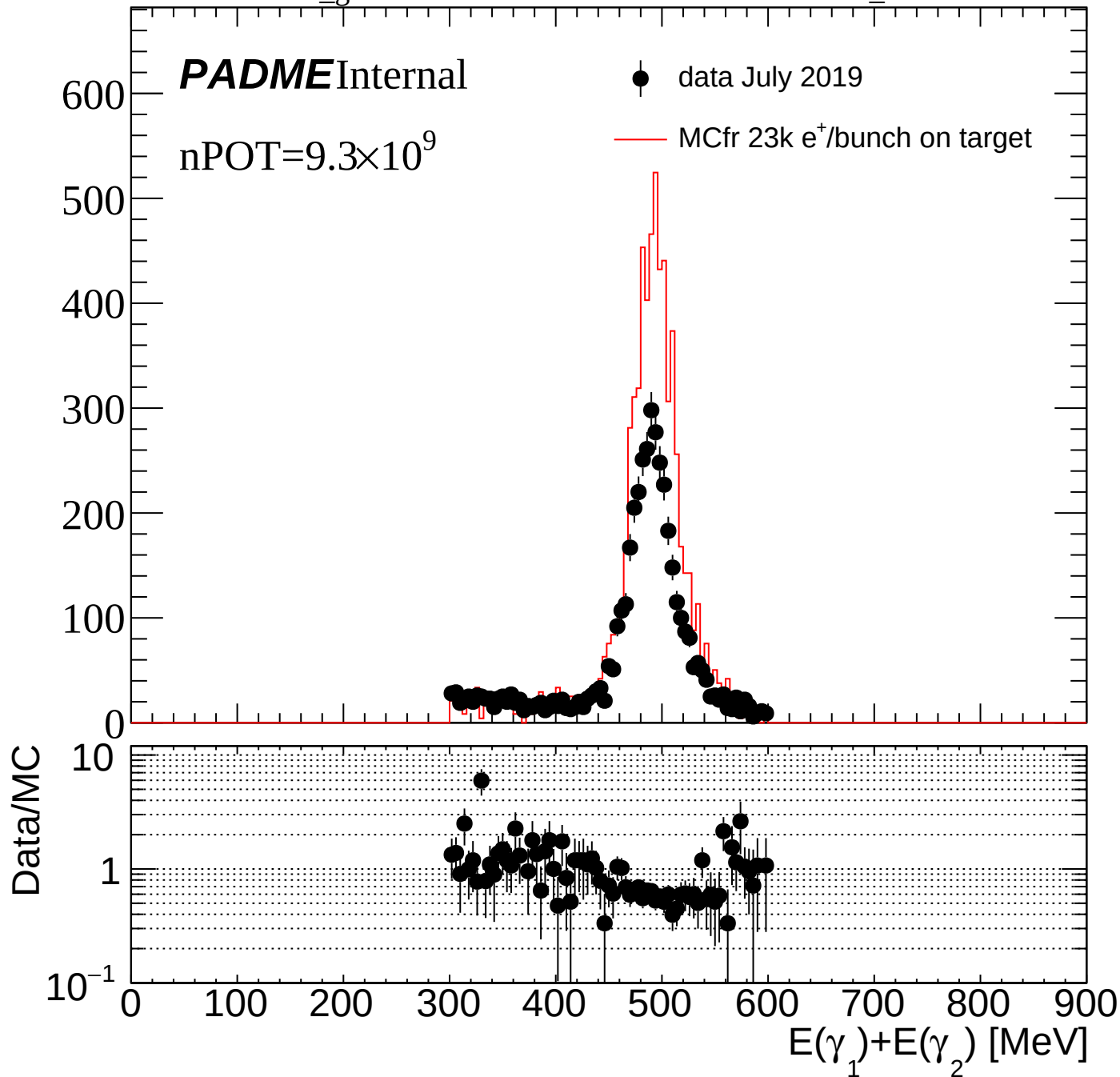


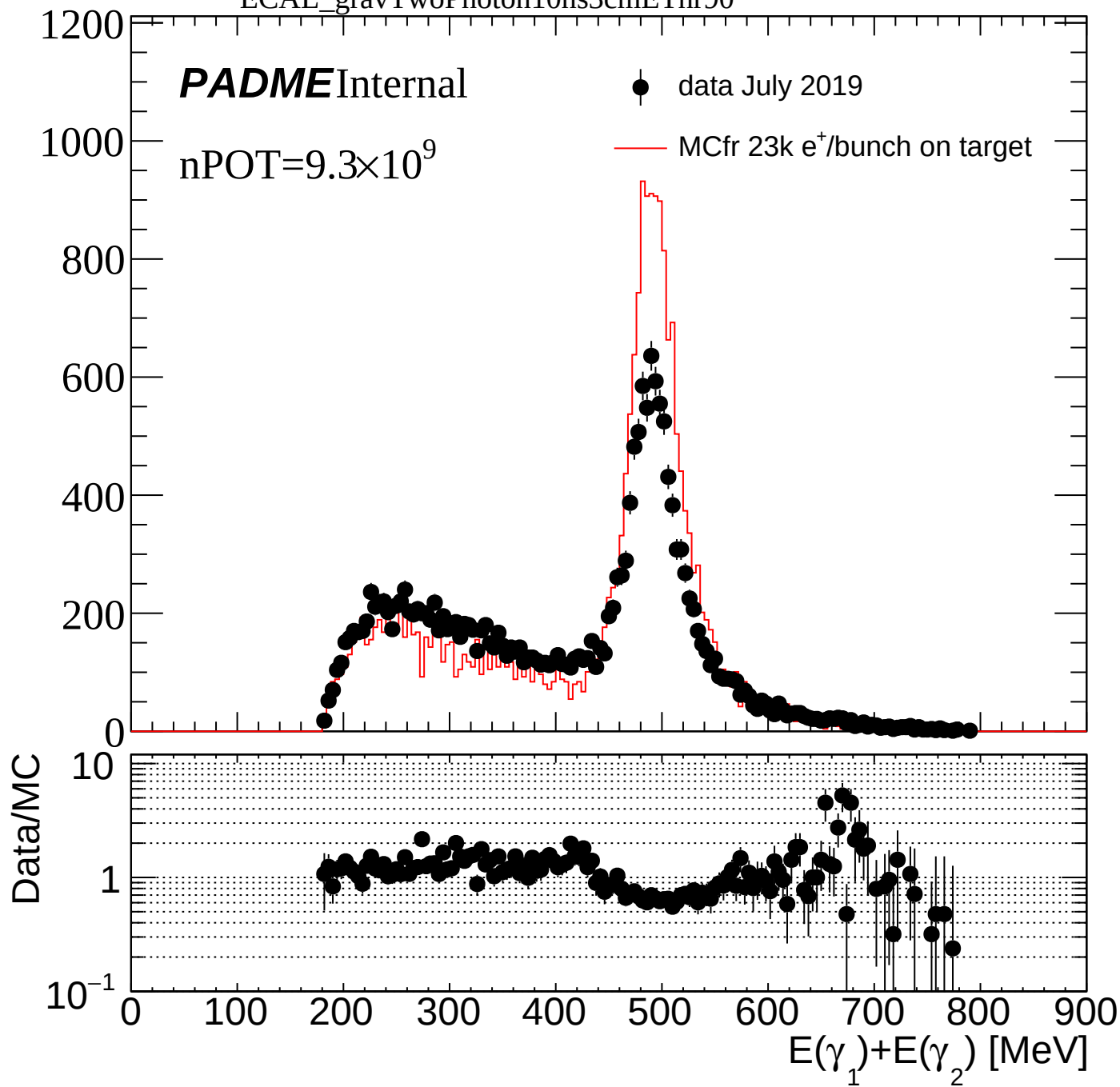
ECAL_gravTwoPhoton10ns3cm

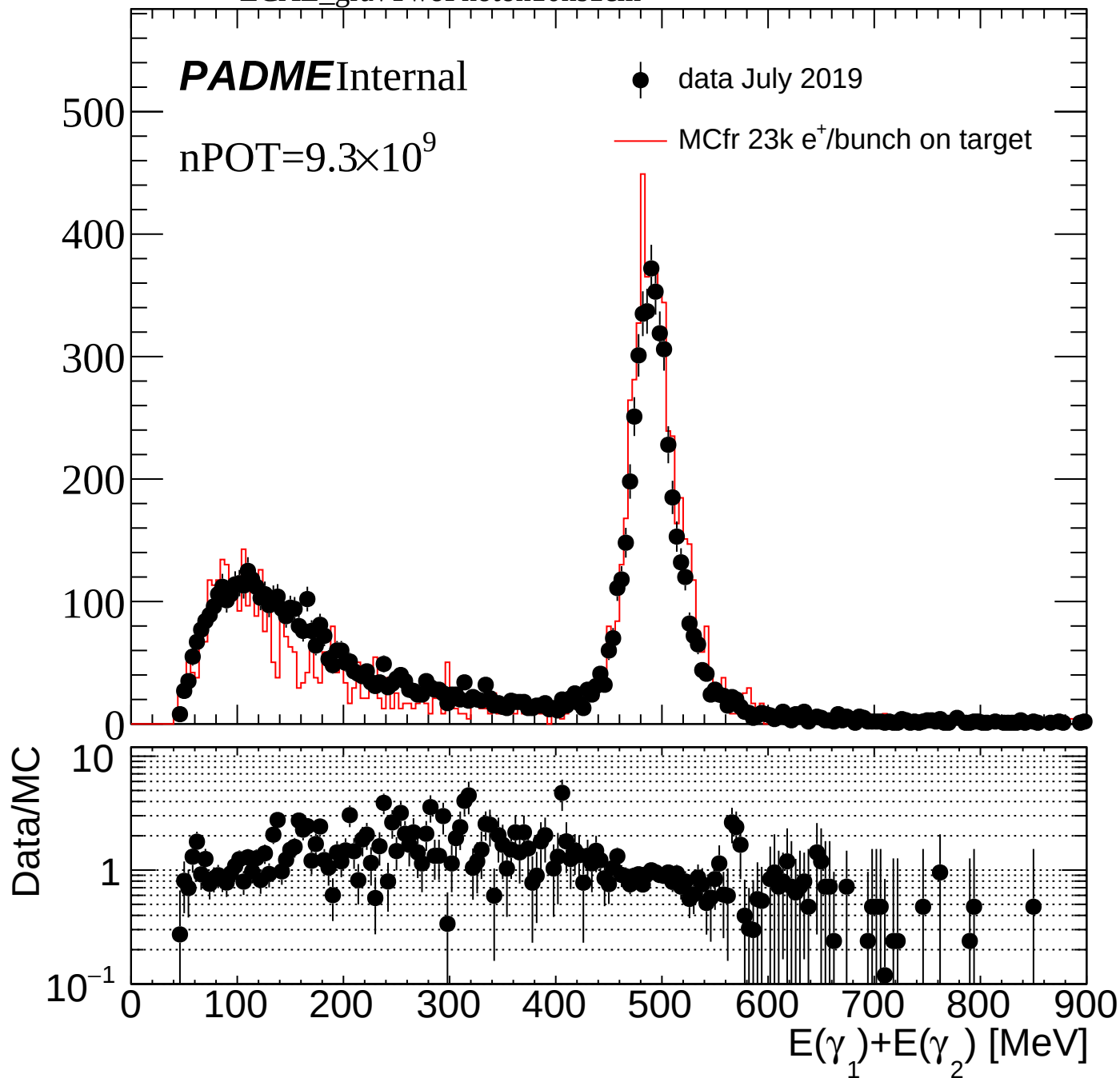


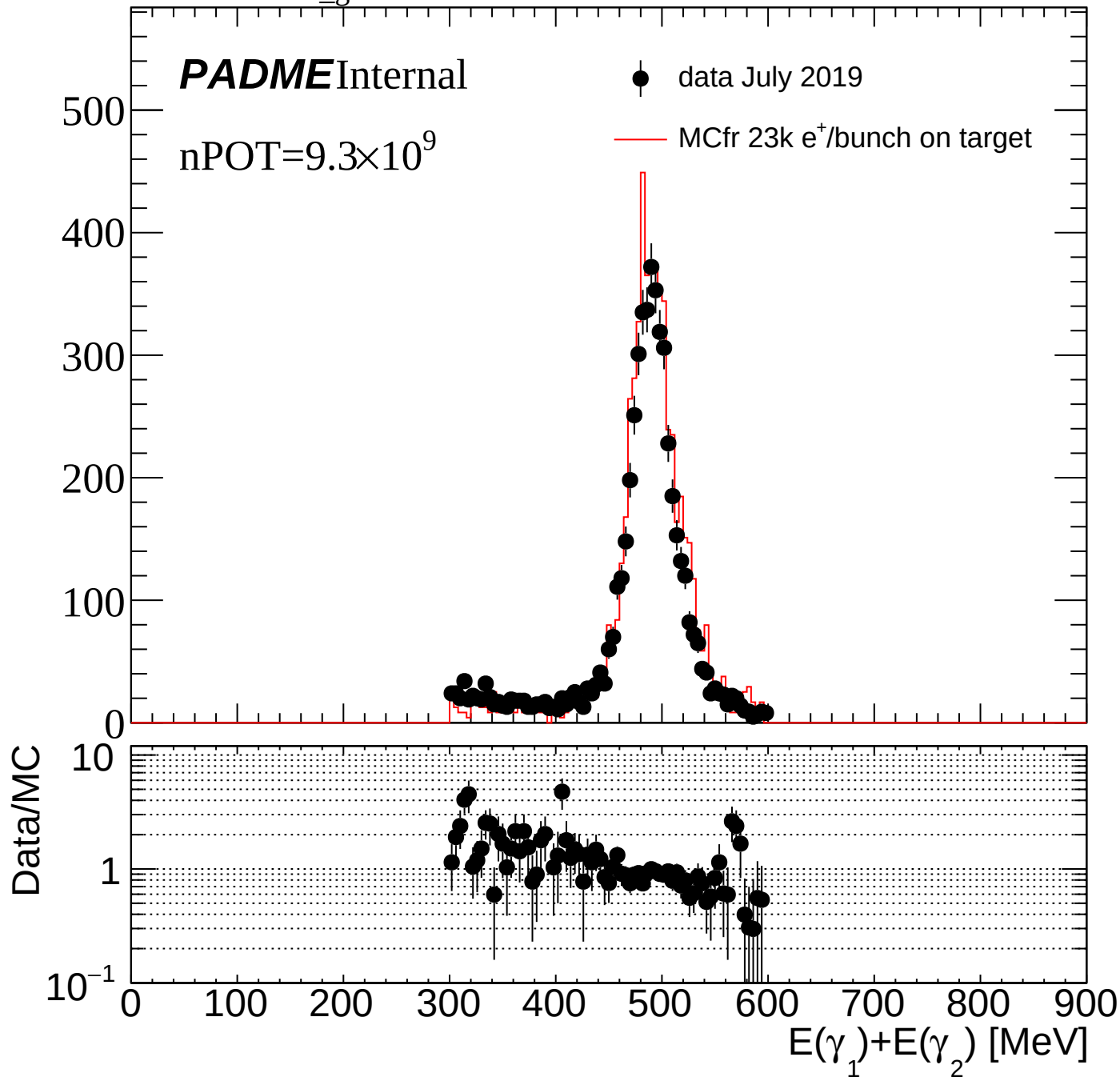


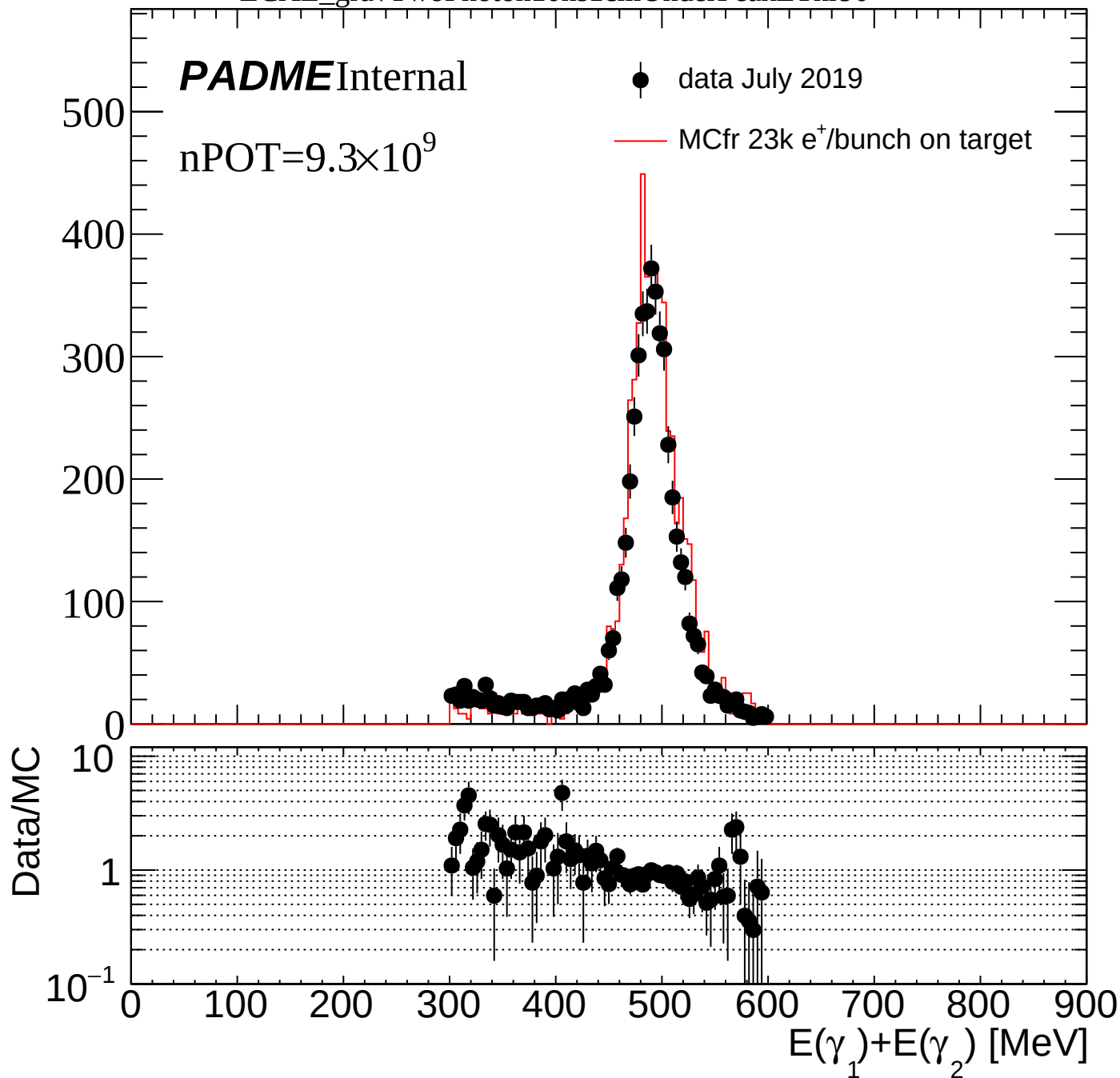


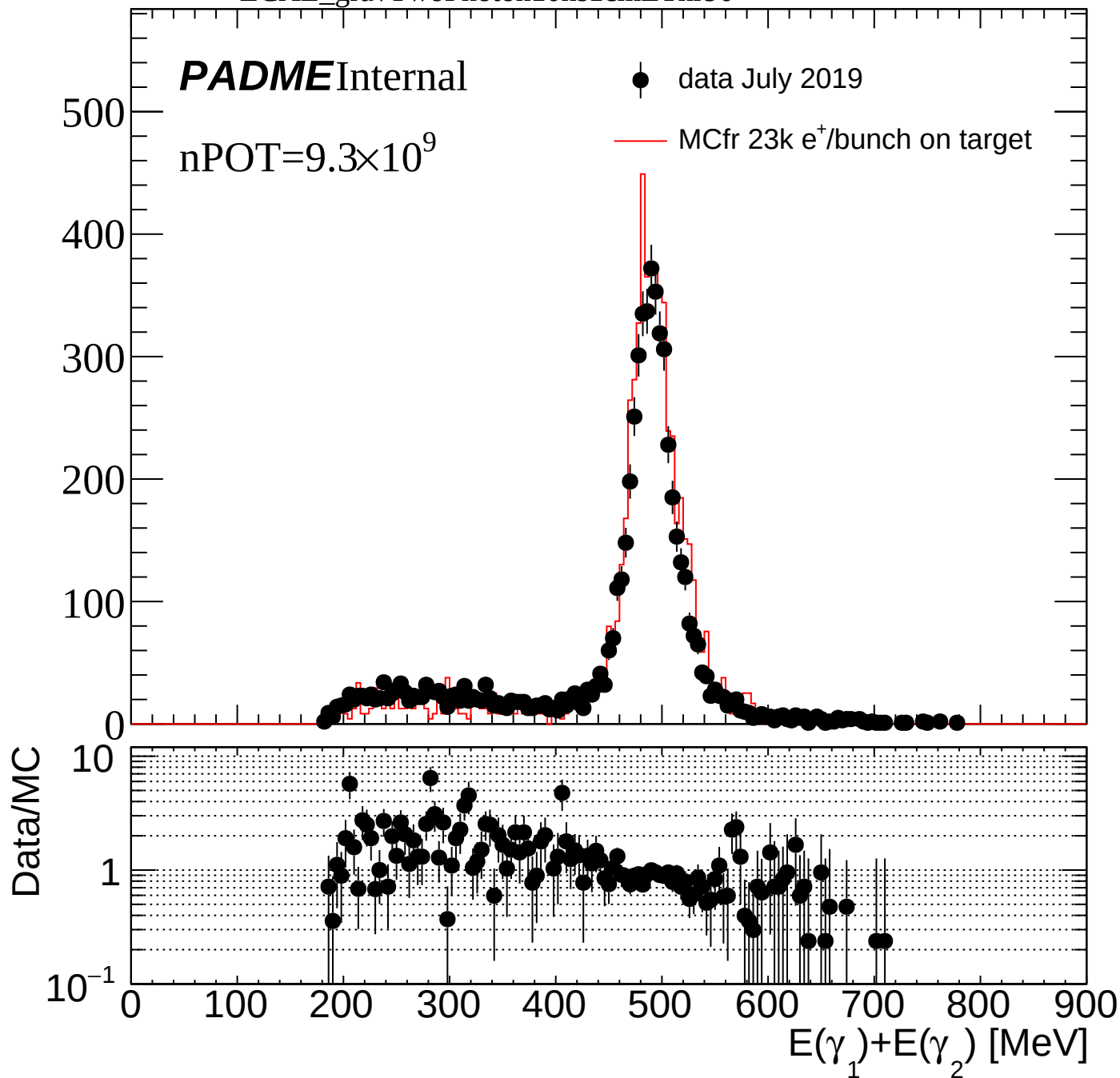


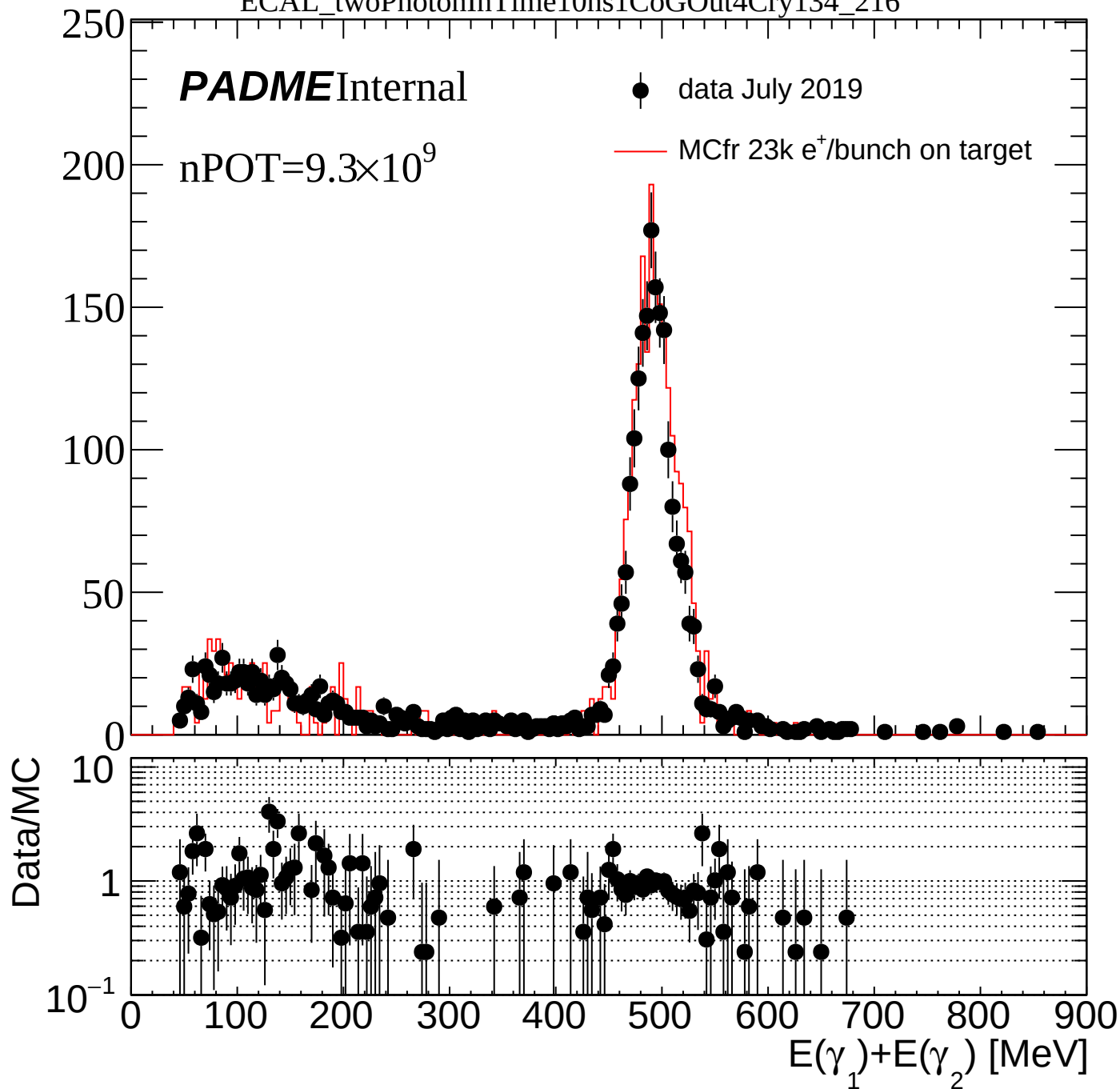


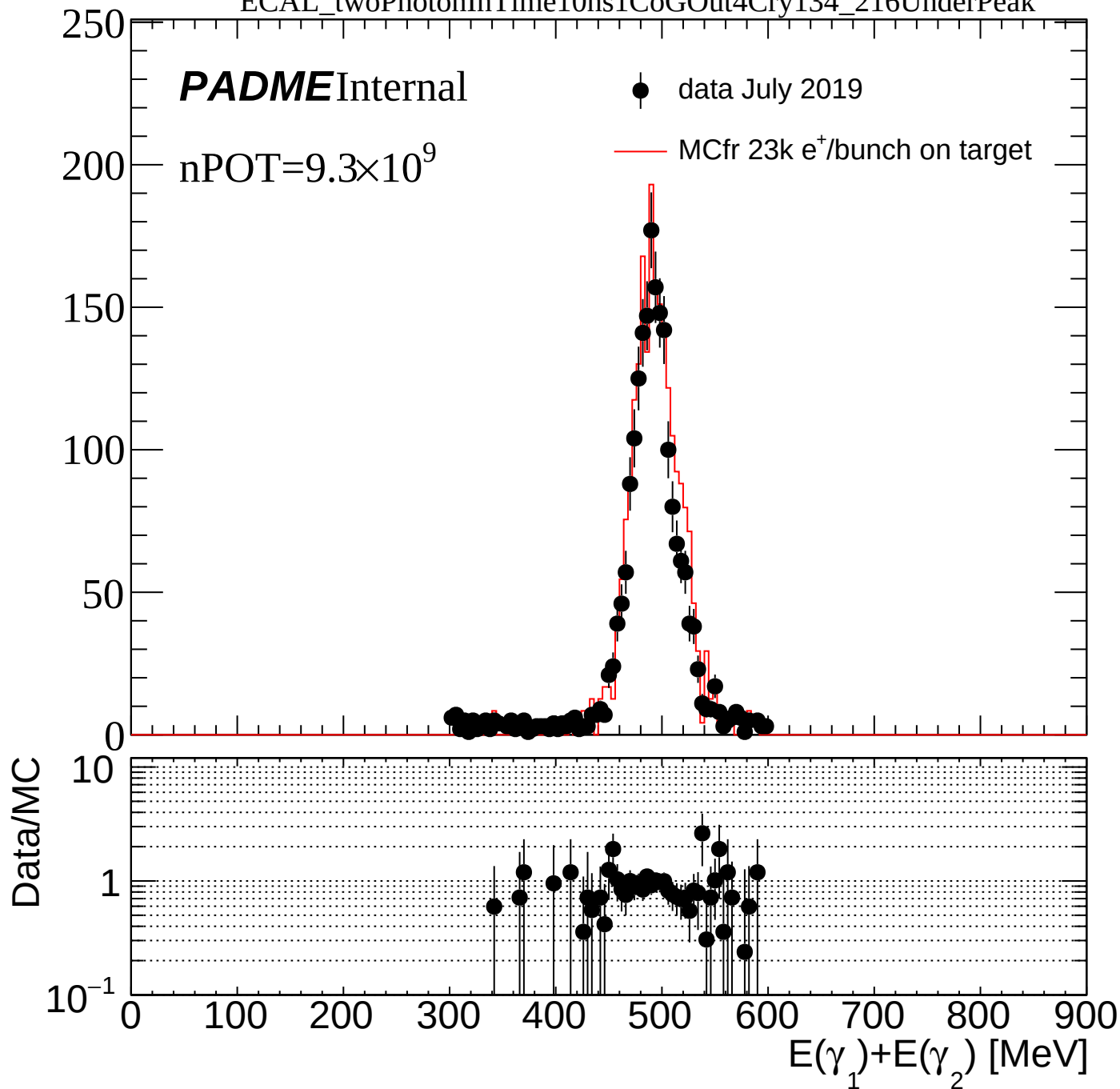


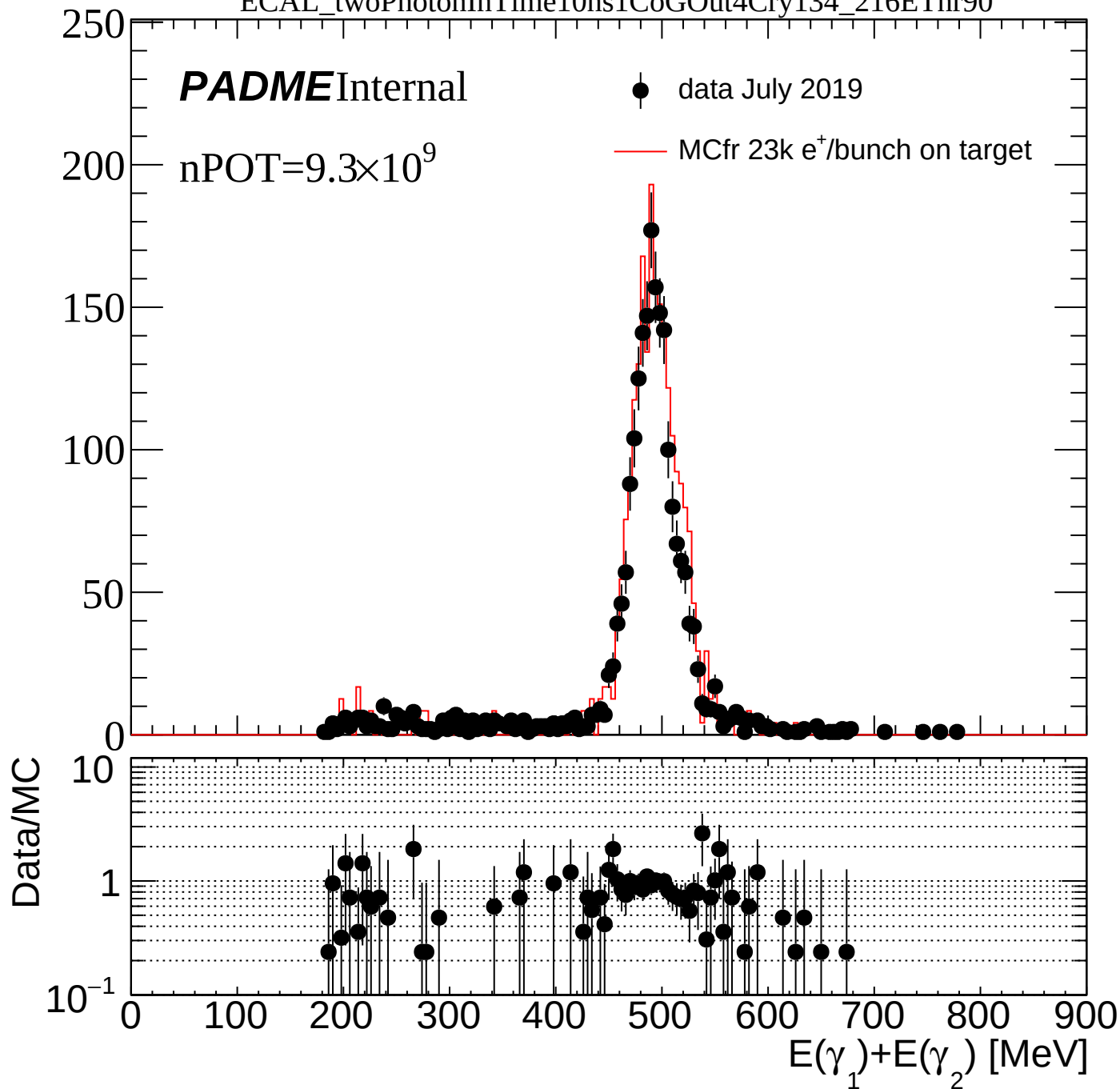


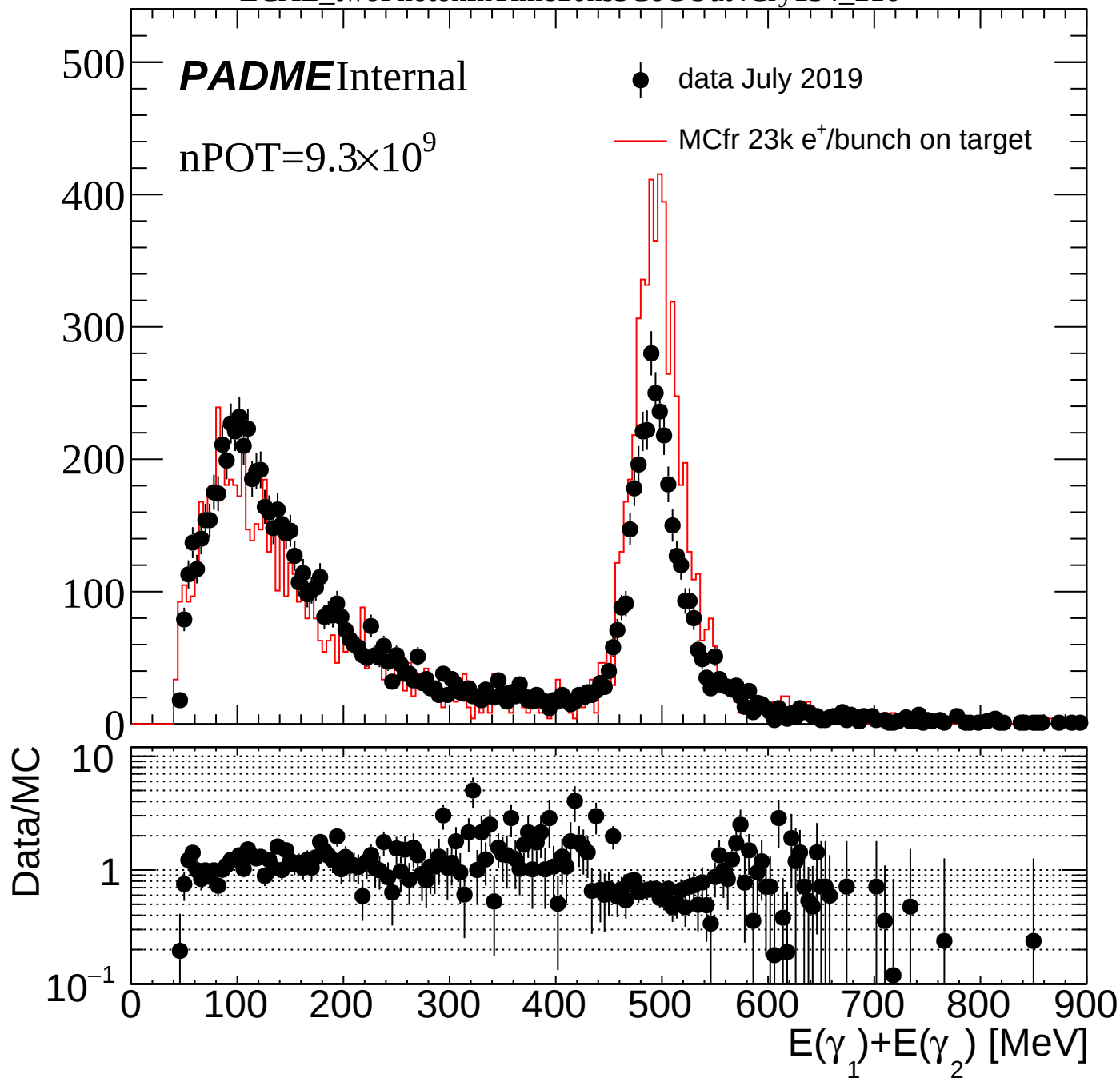


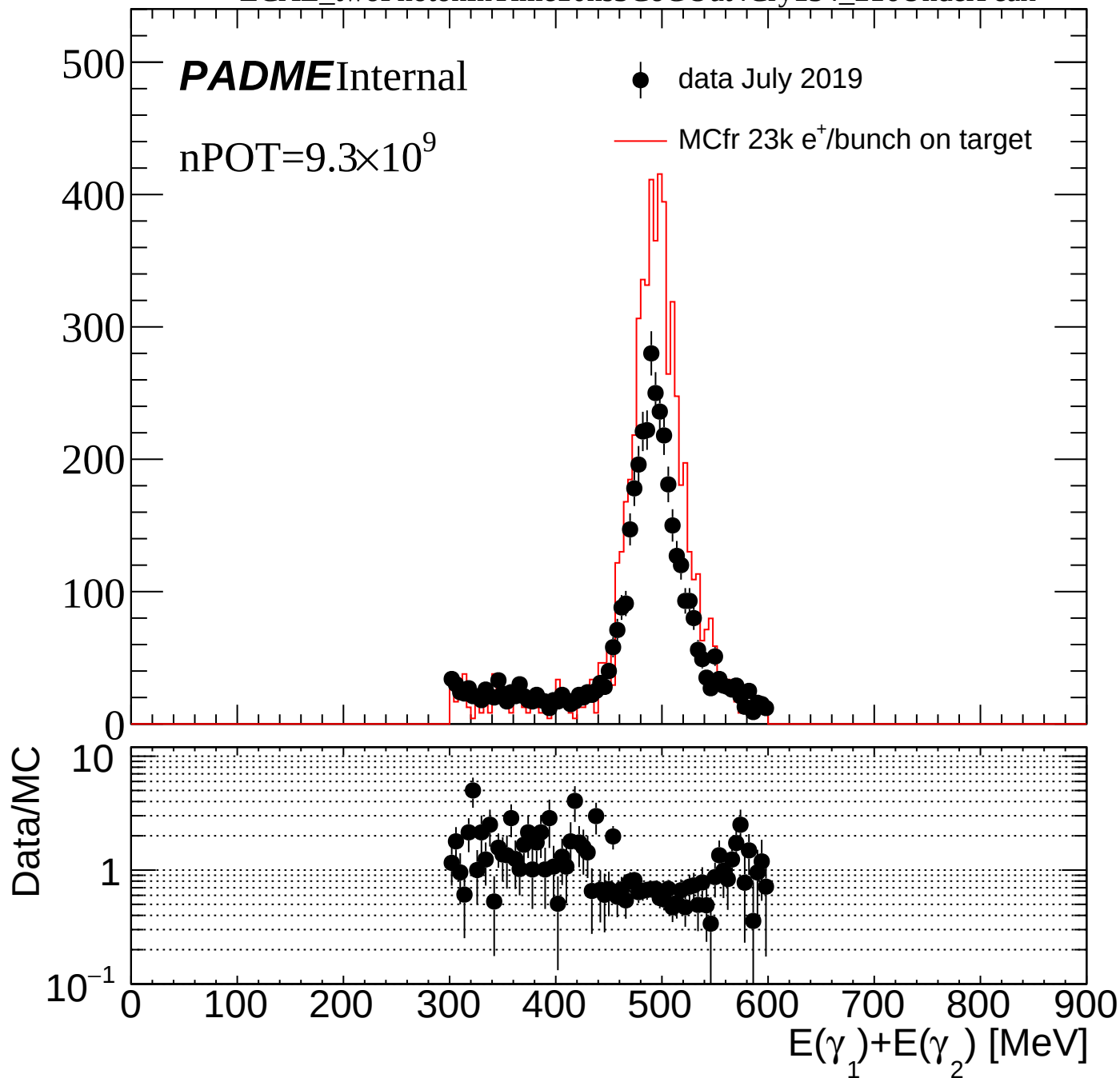


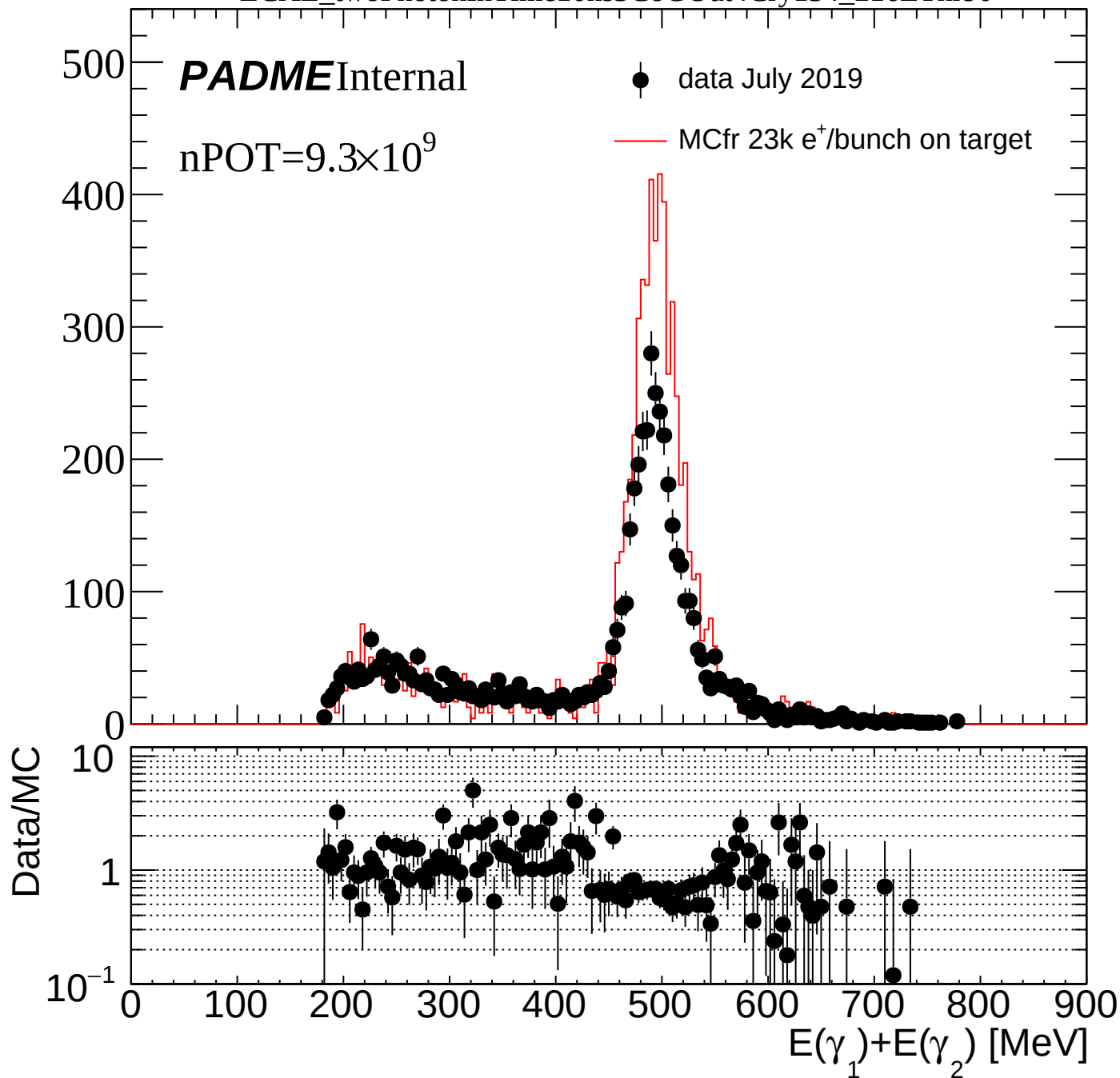


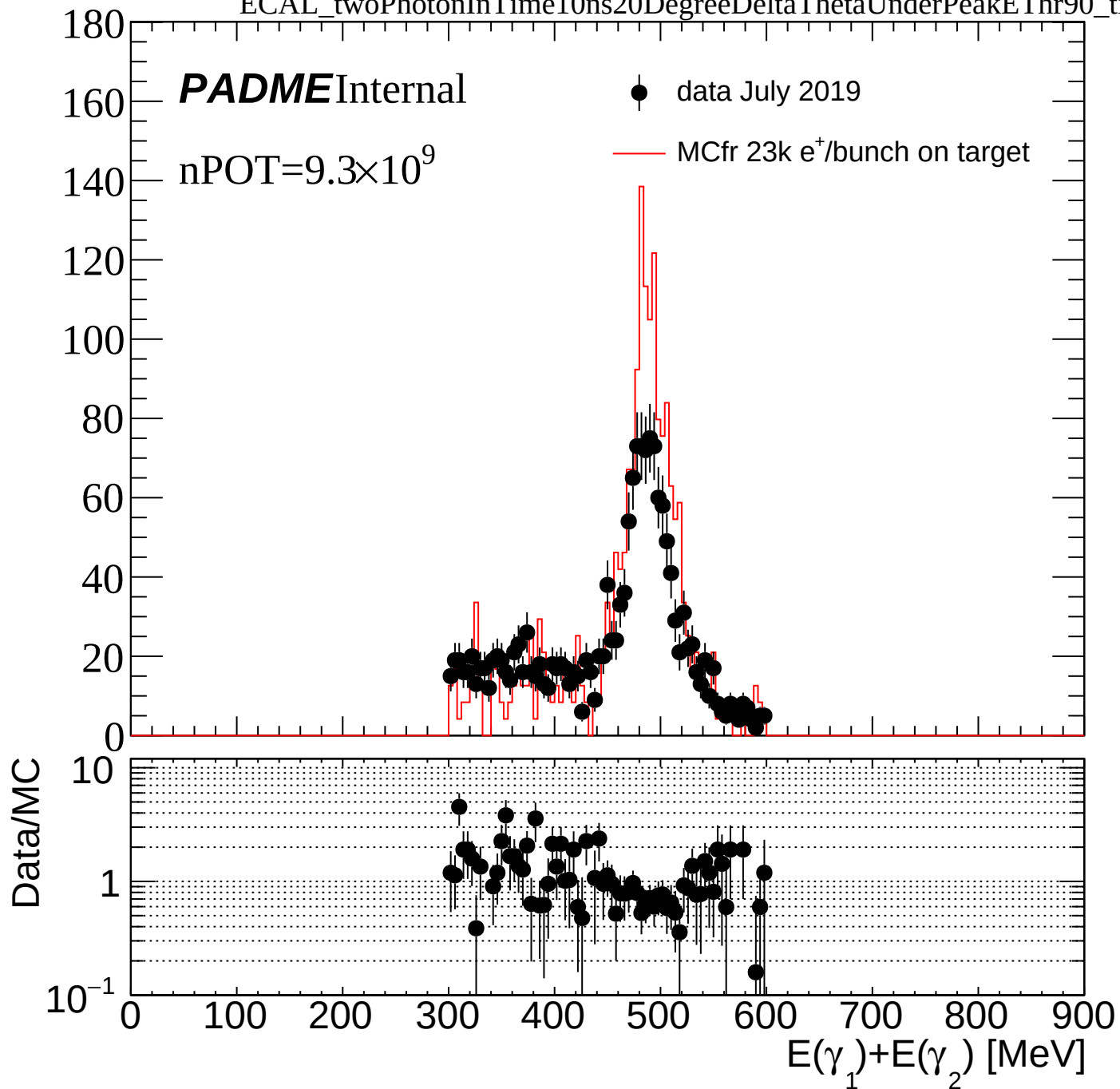


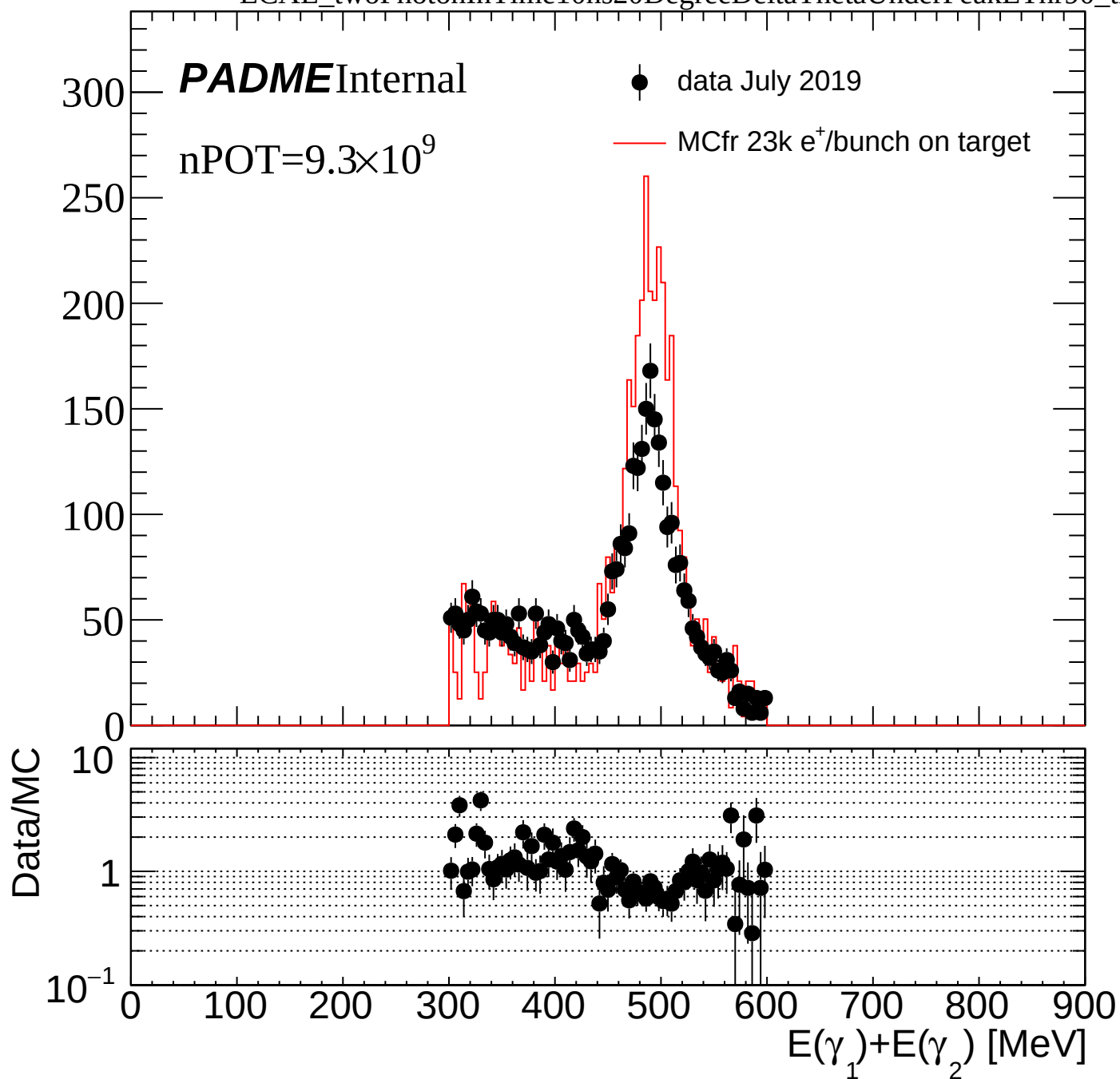


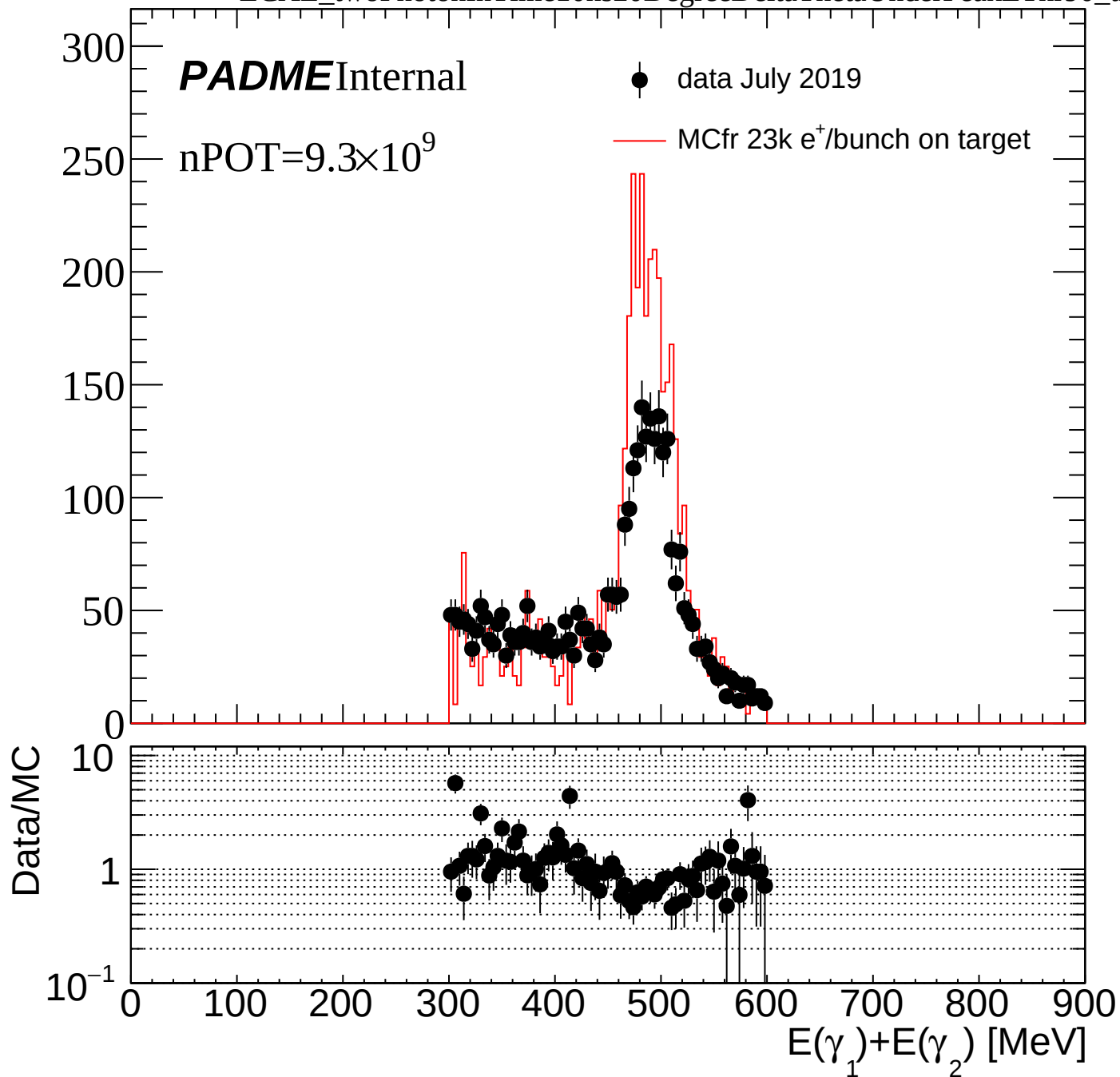


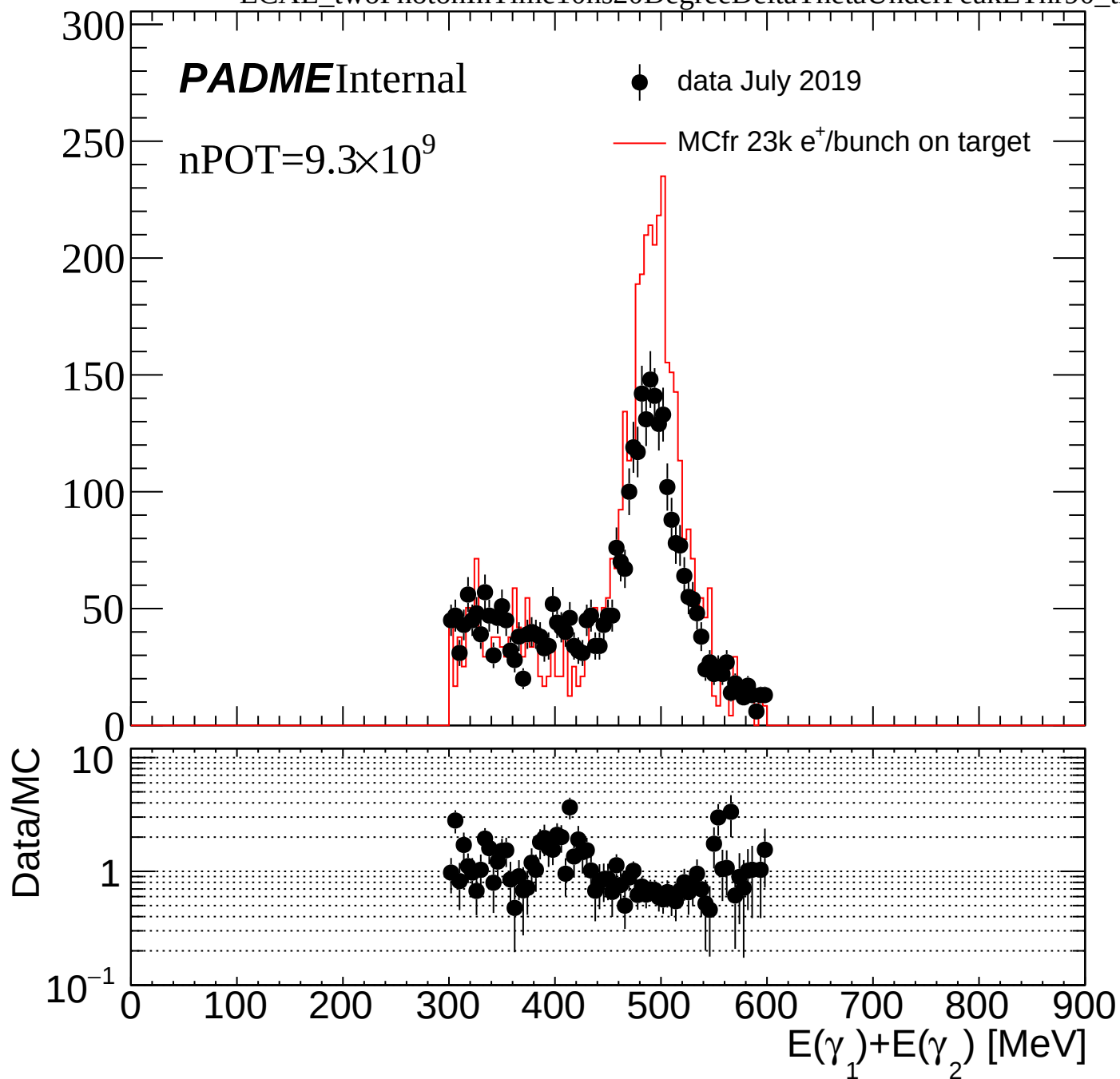


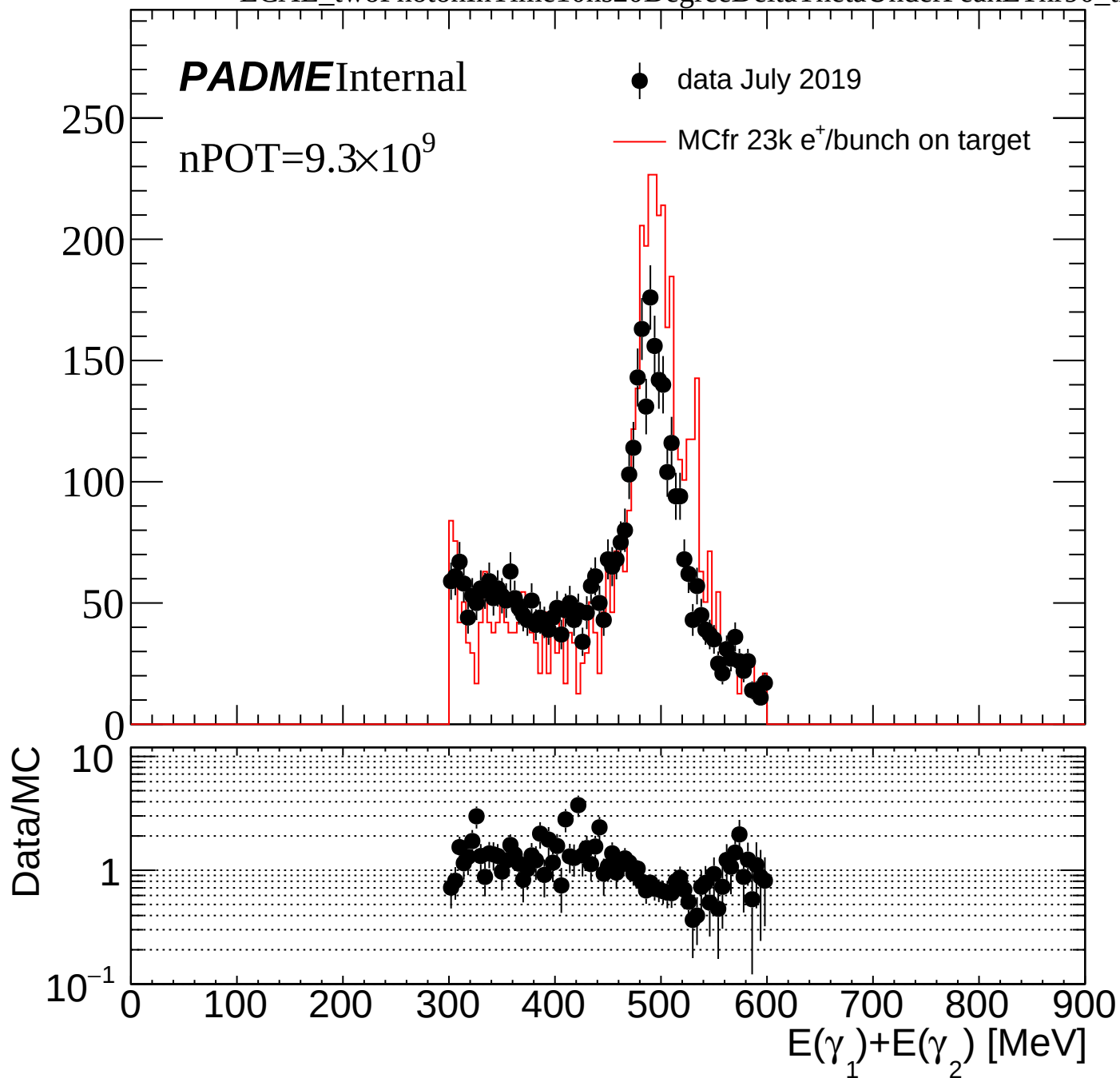


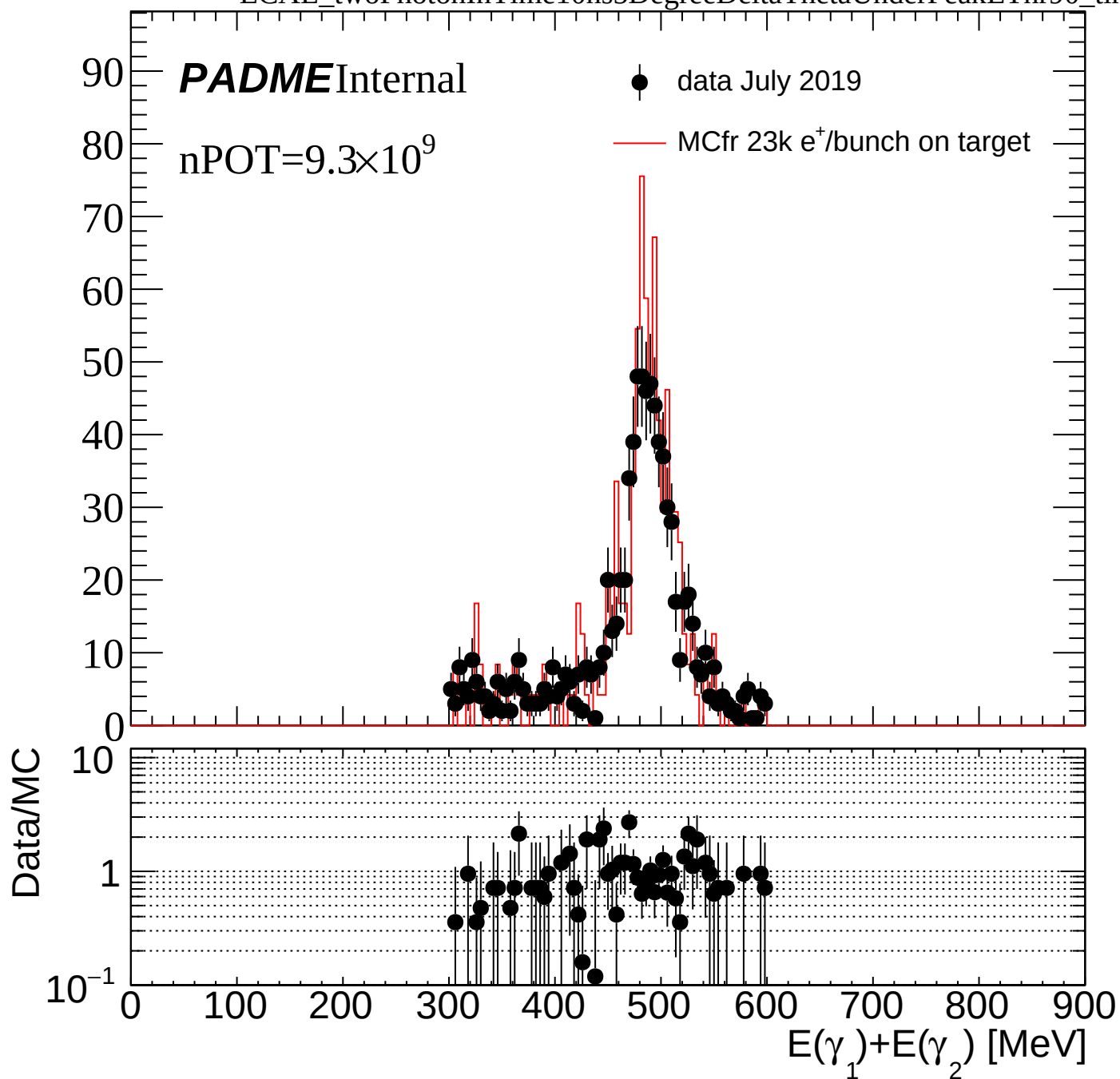


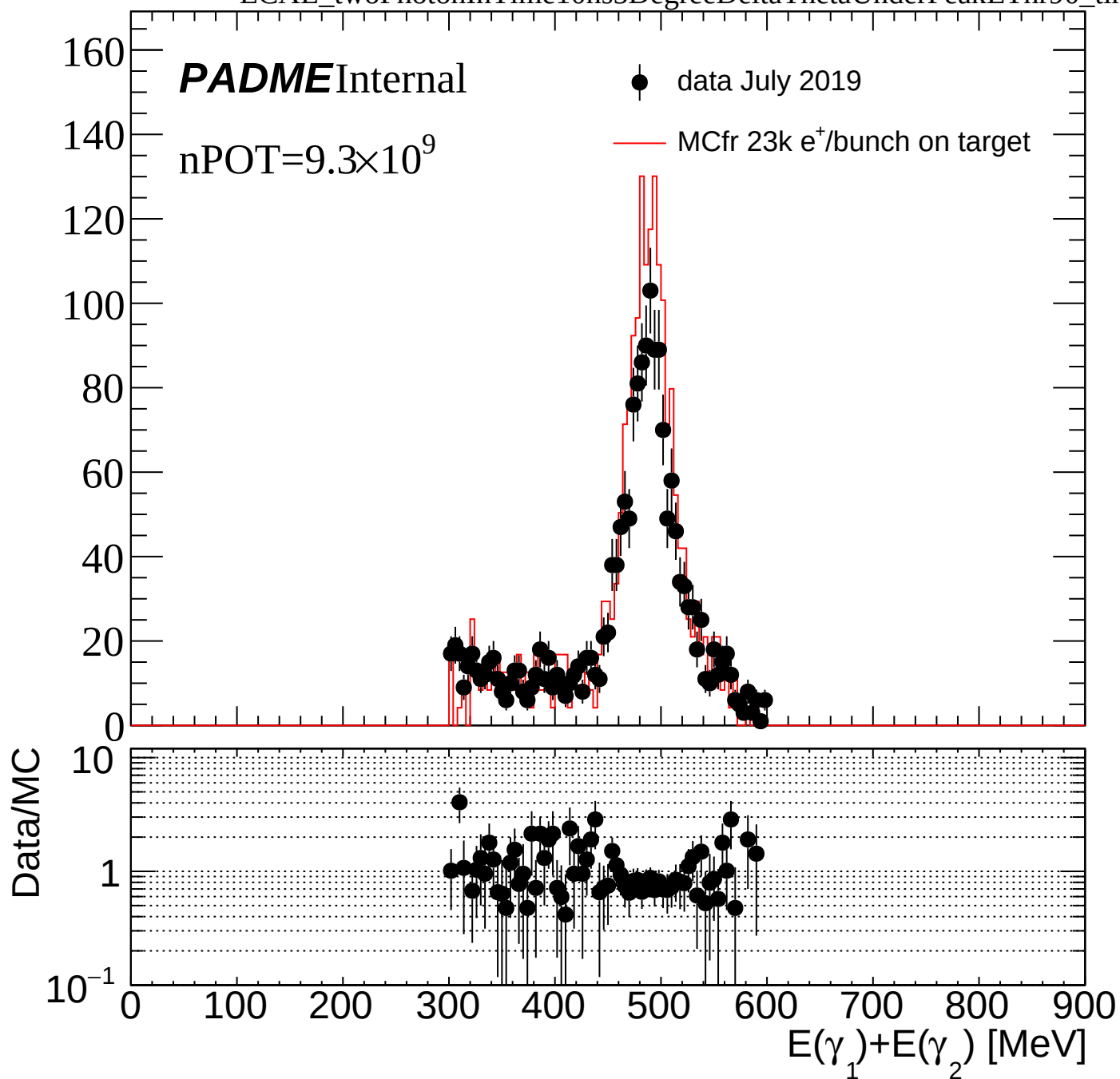


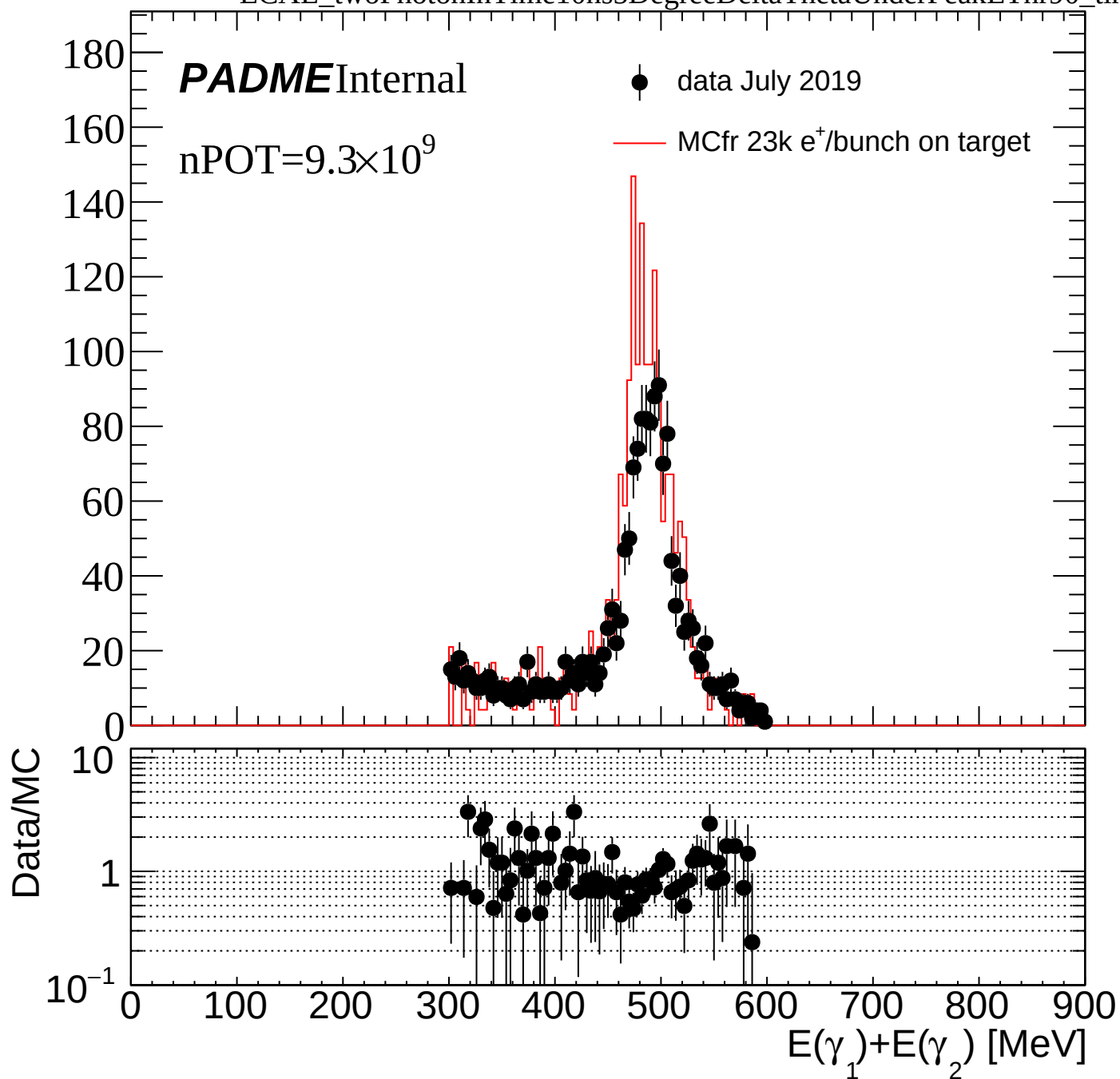


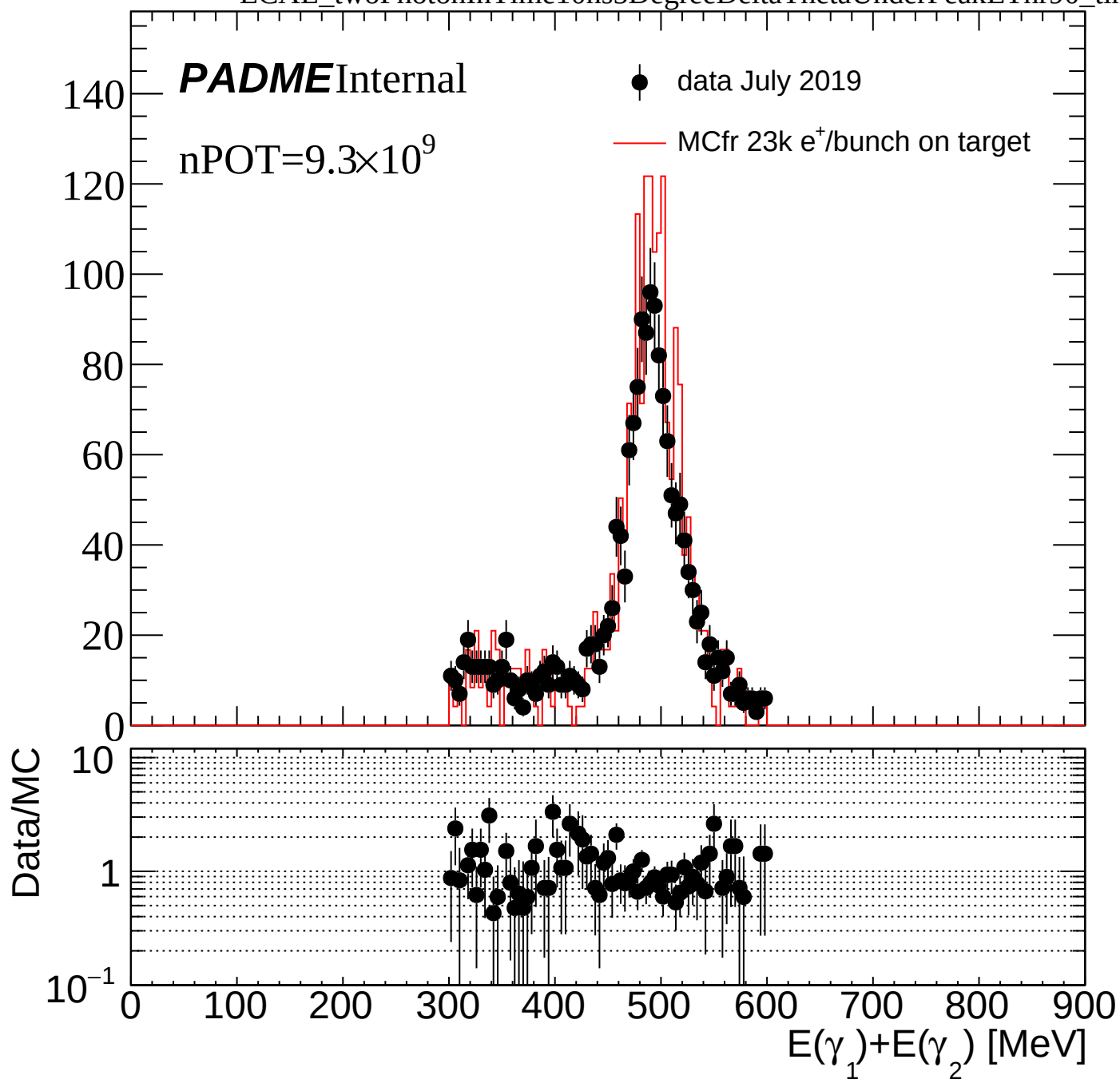


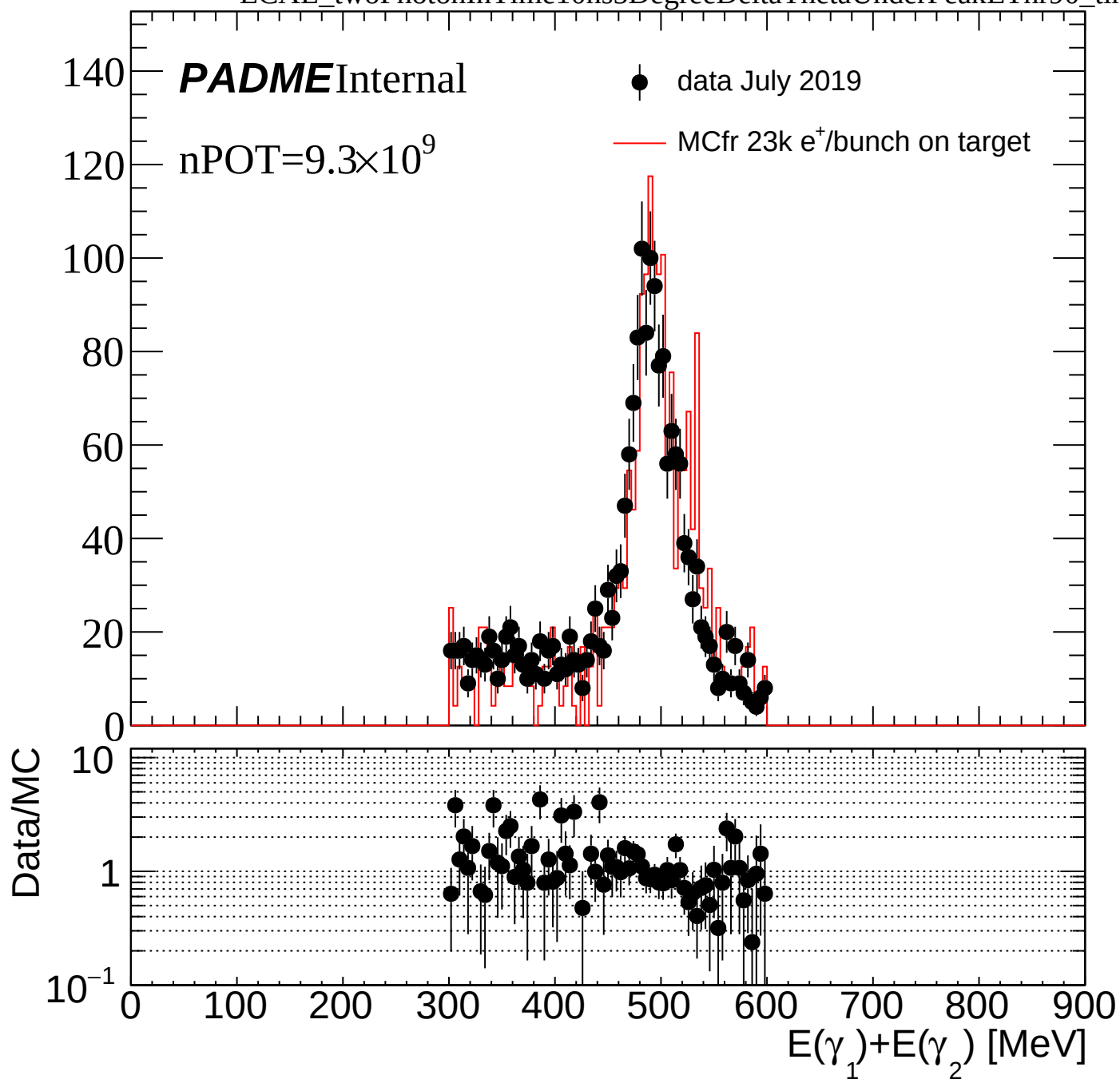


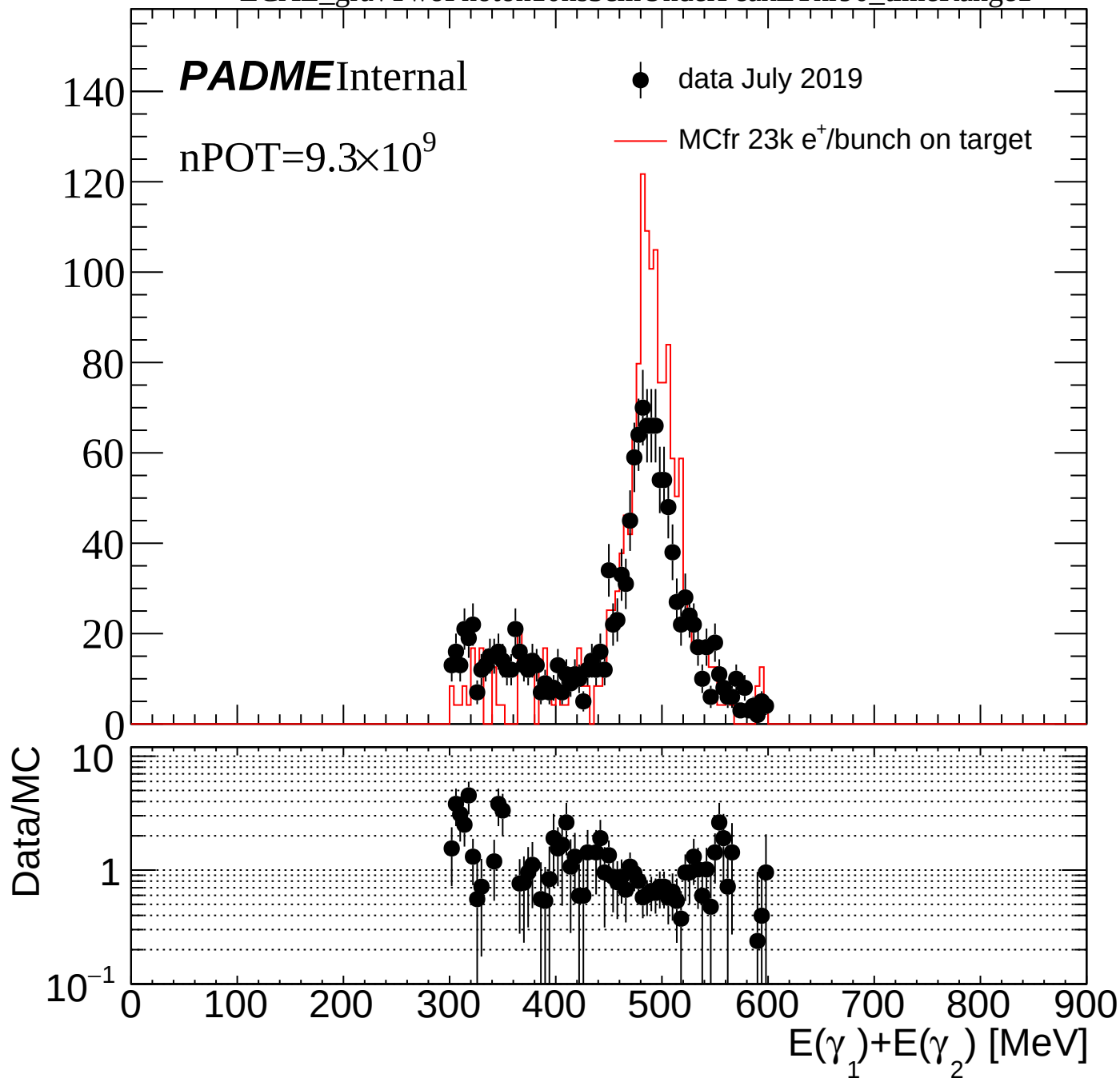


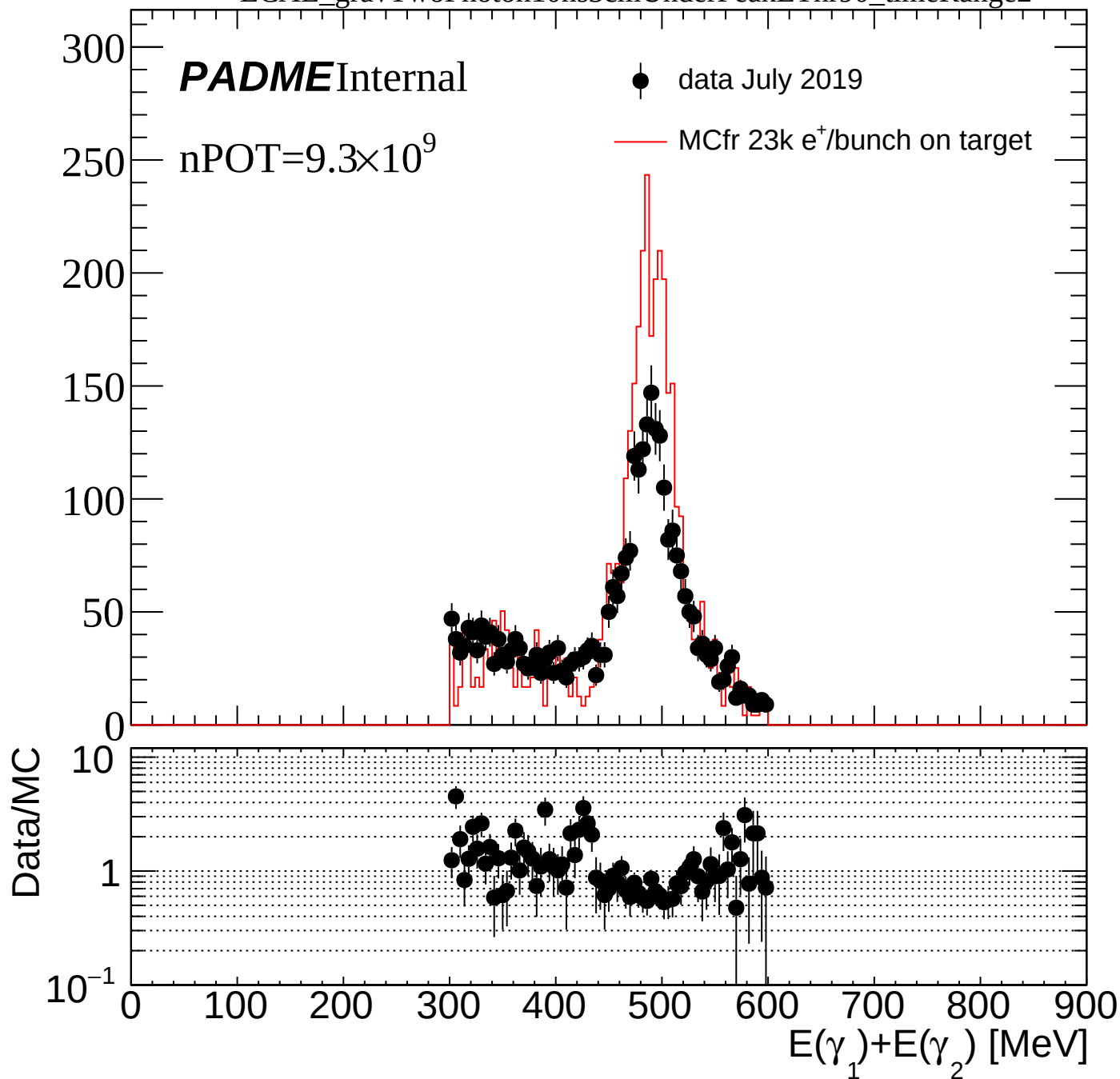


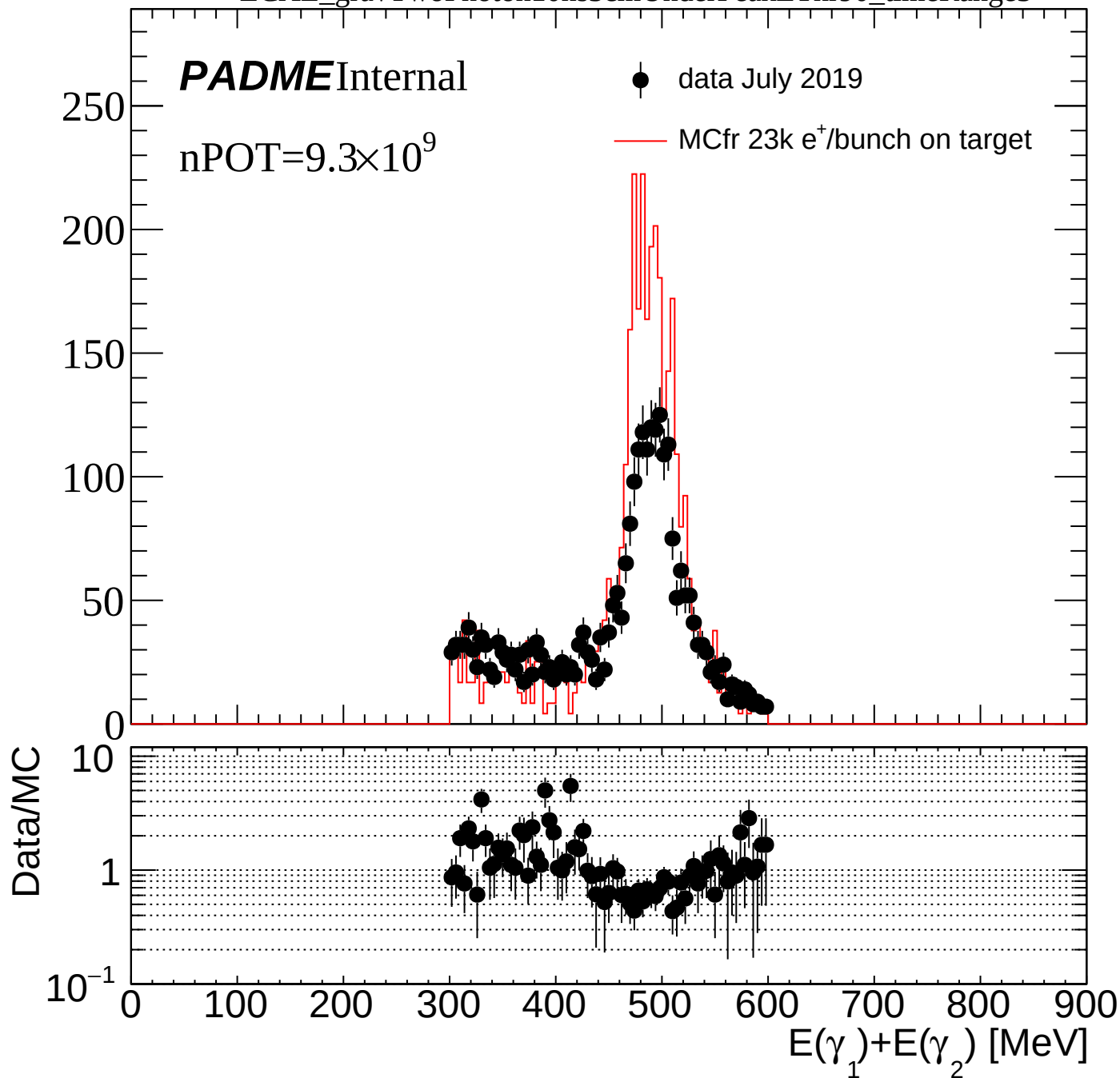


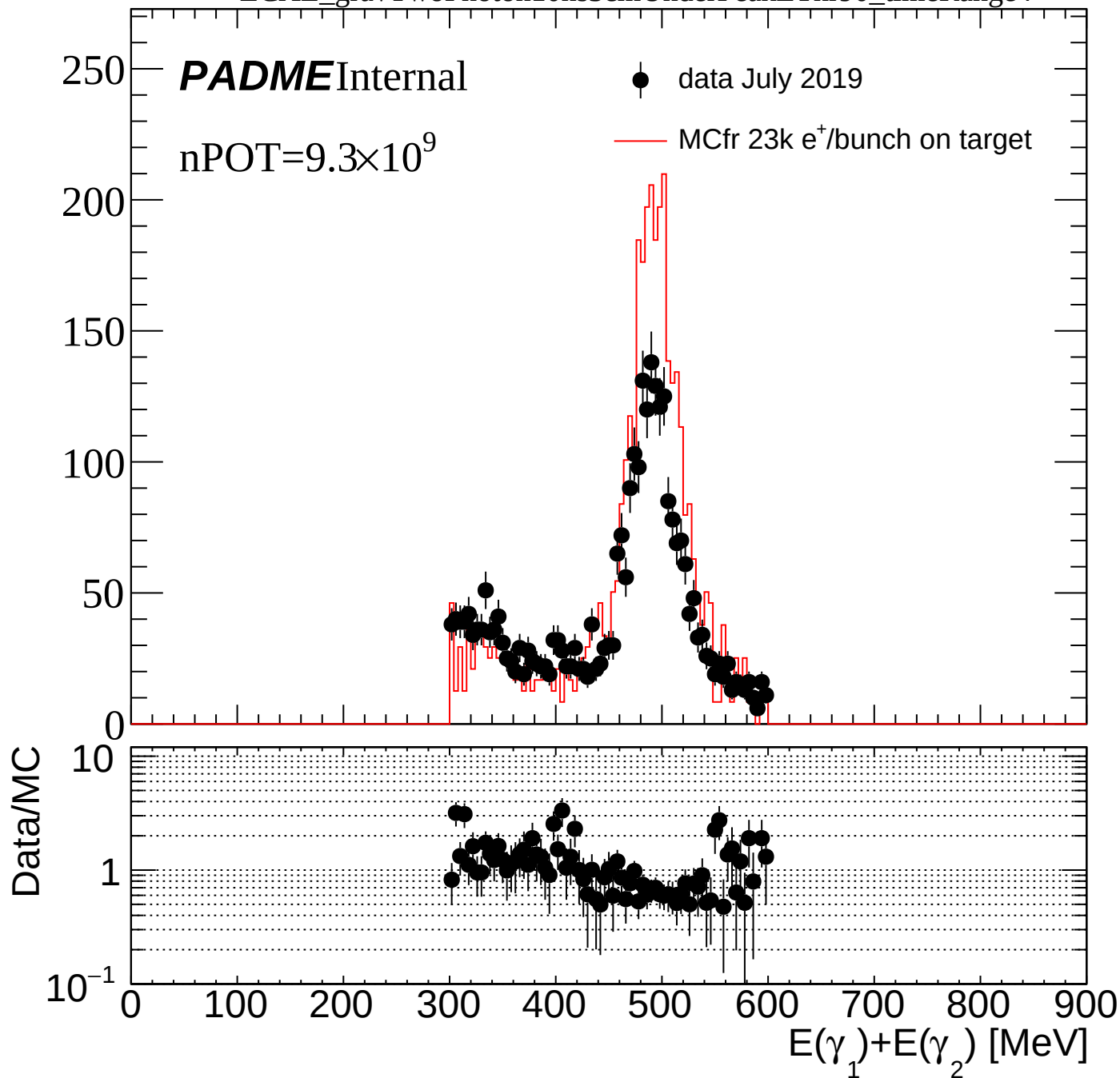


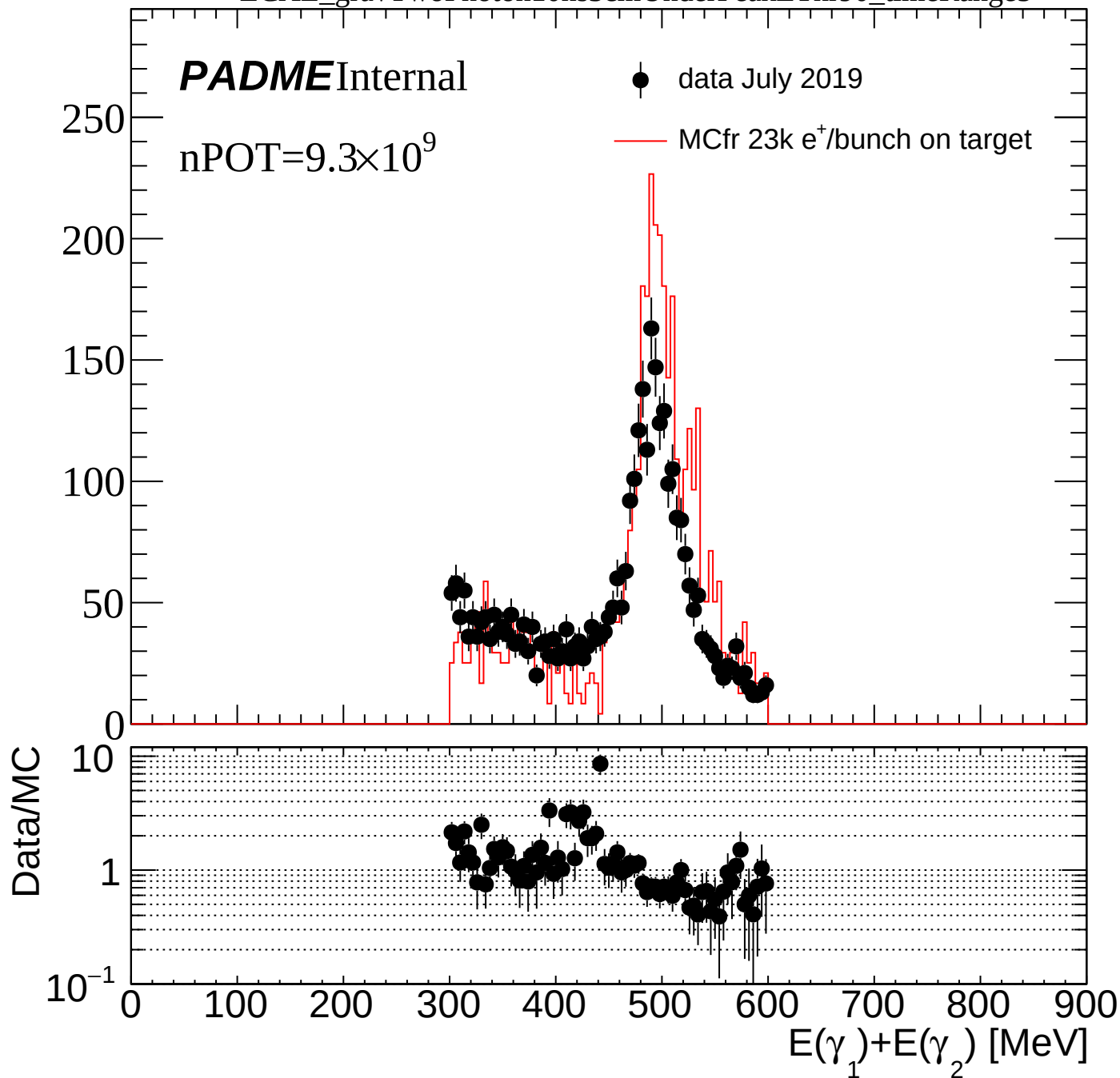


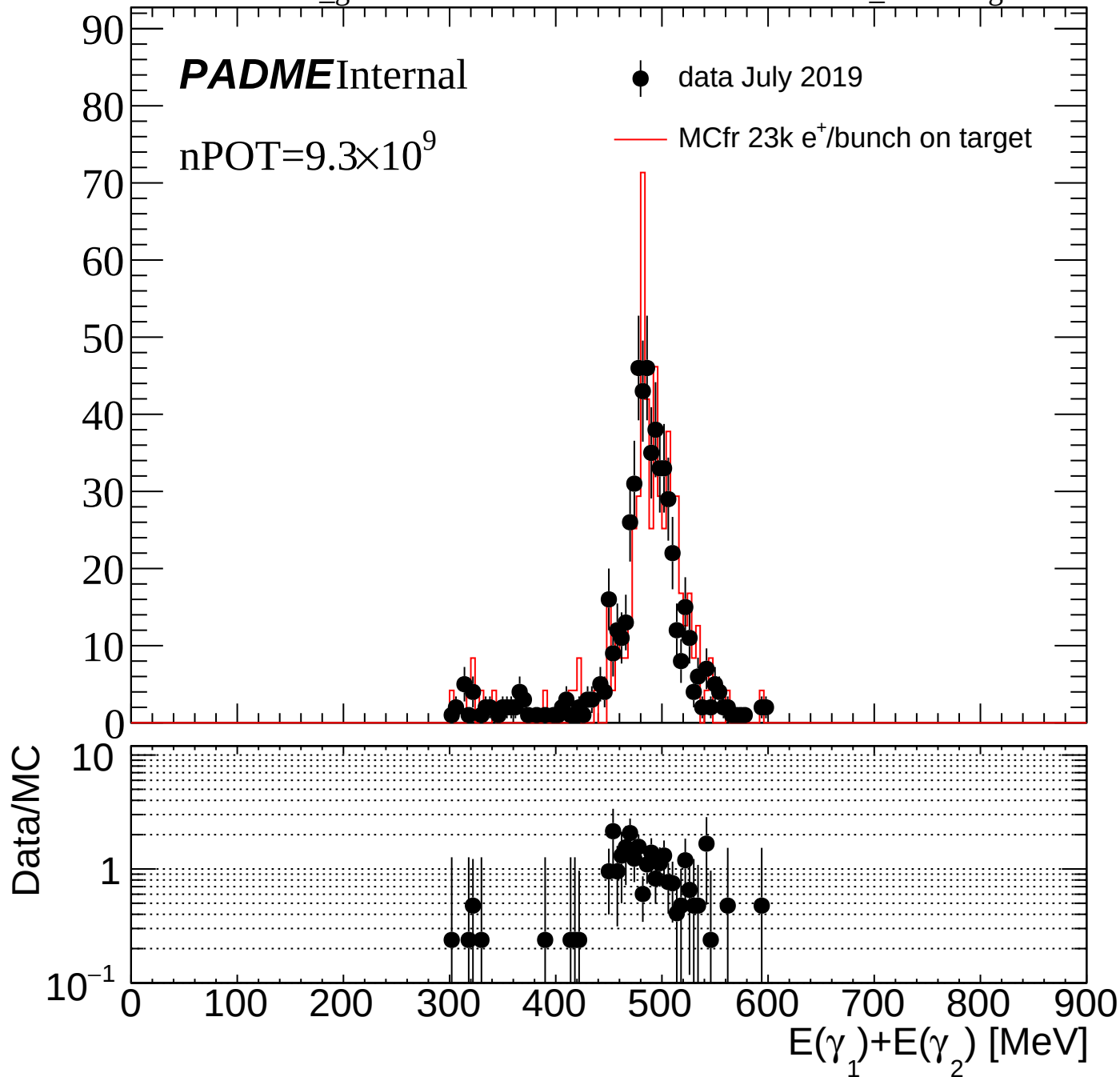


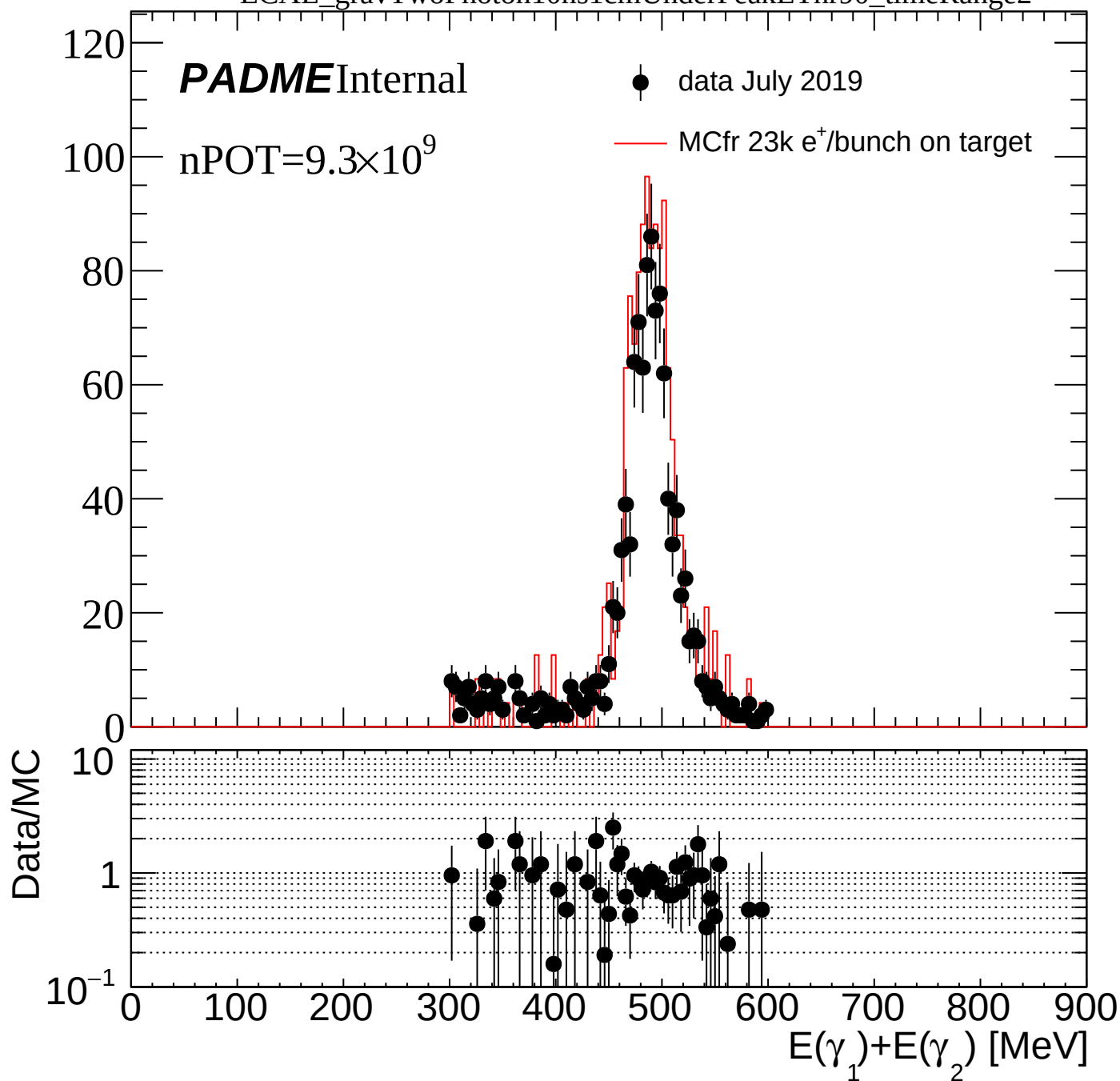


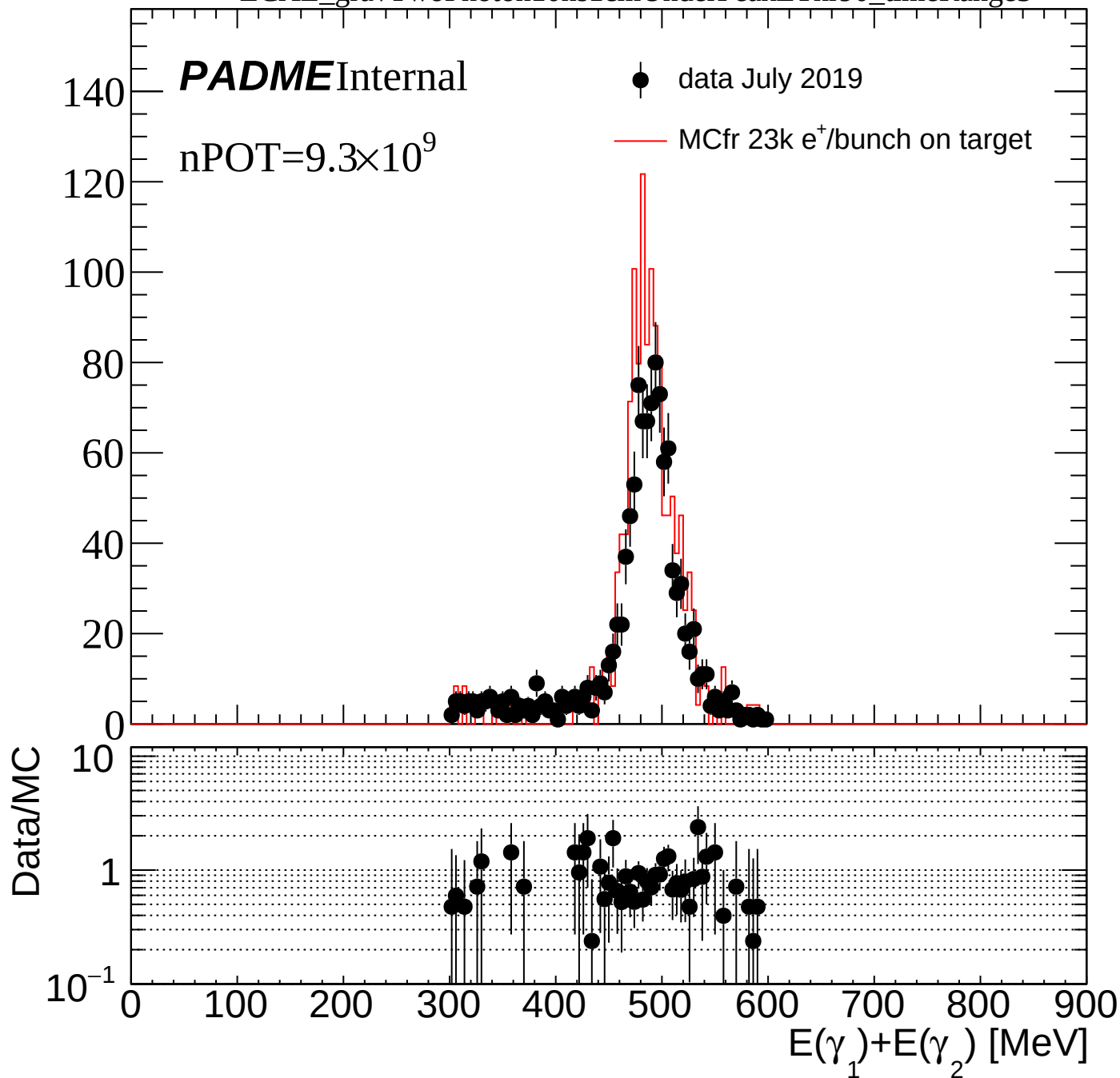


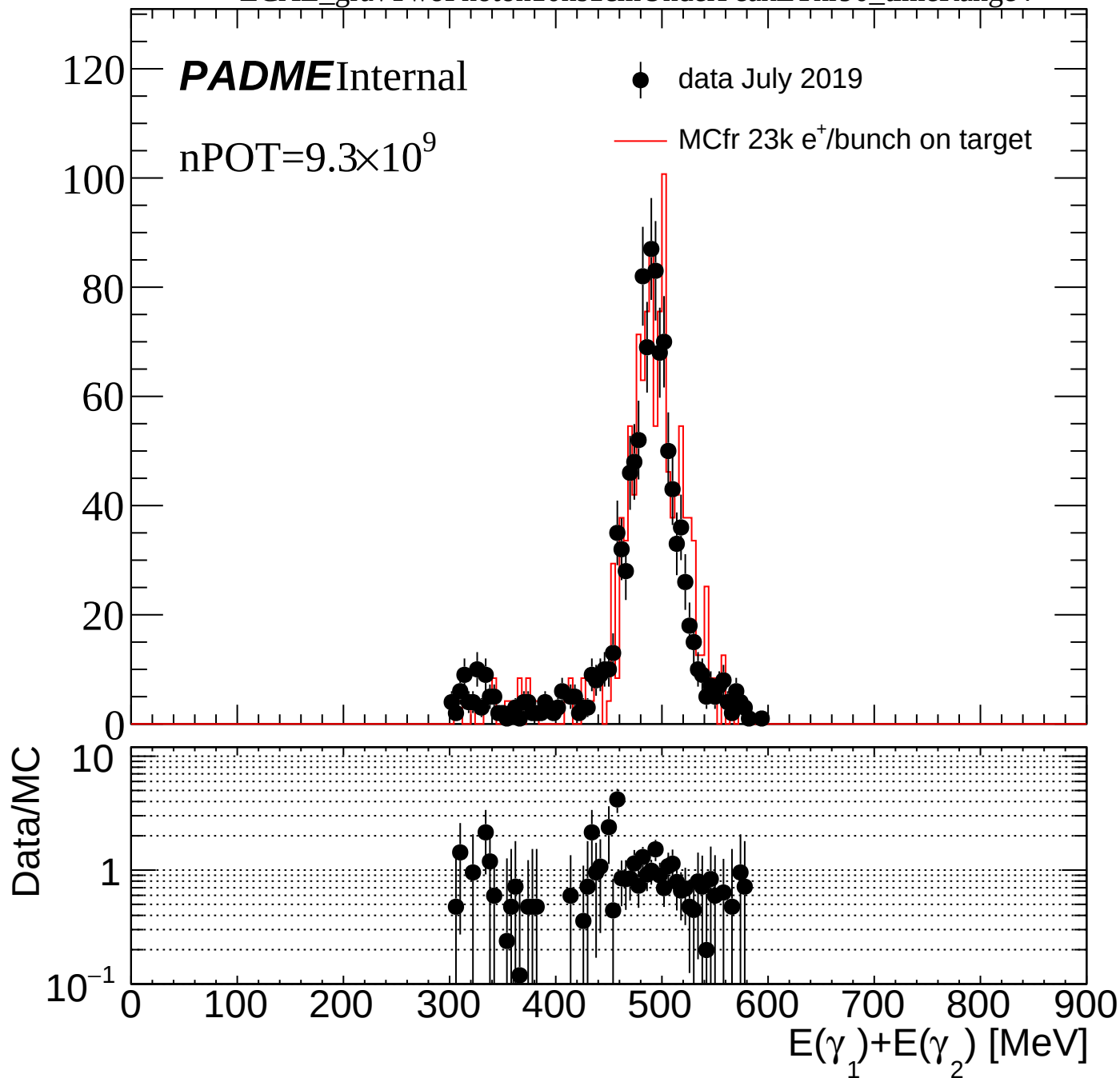


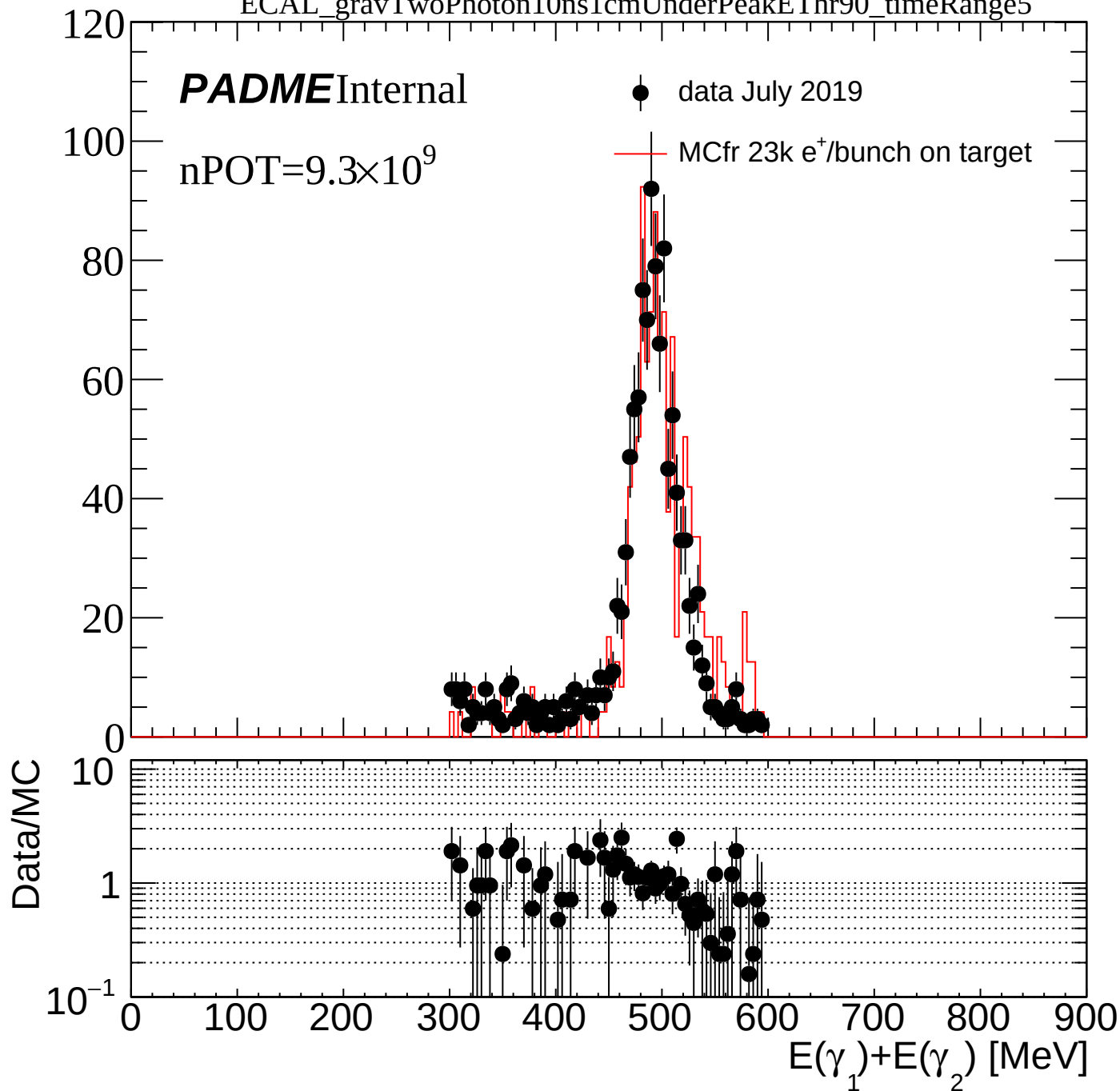


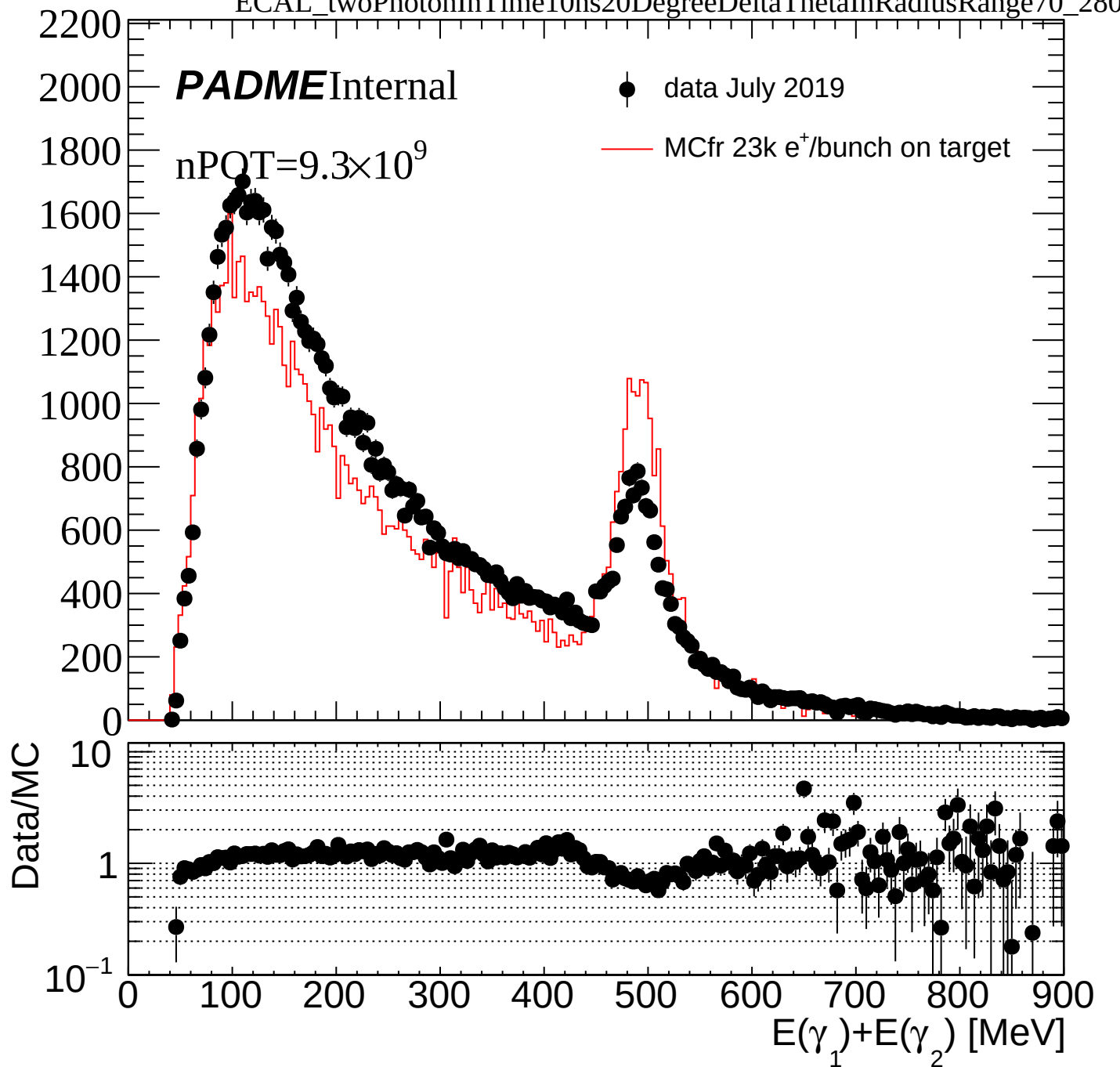


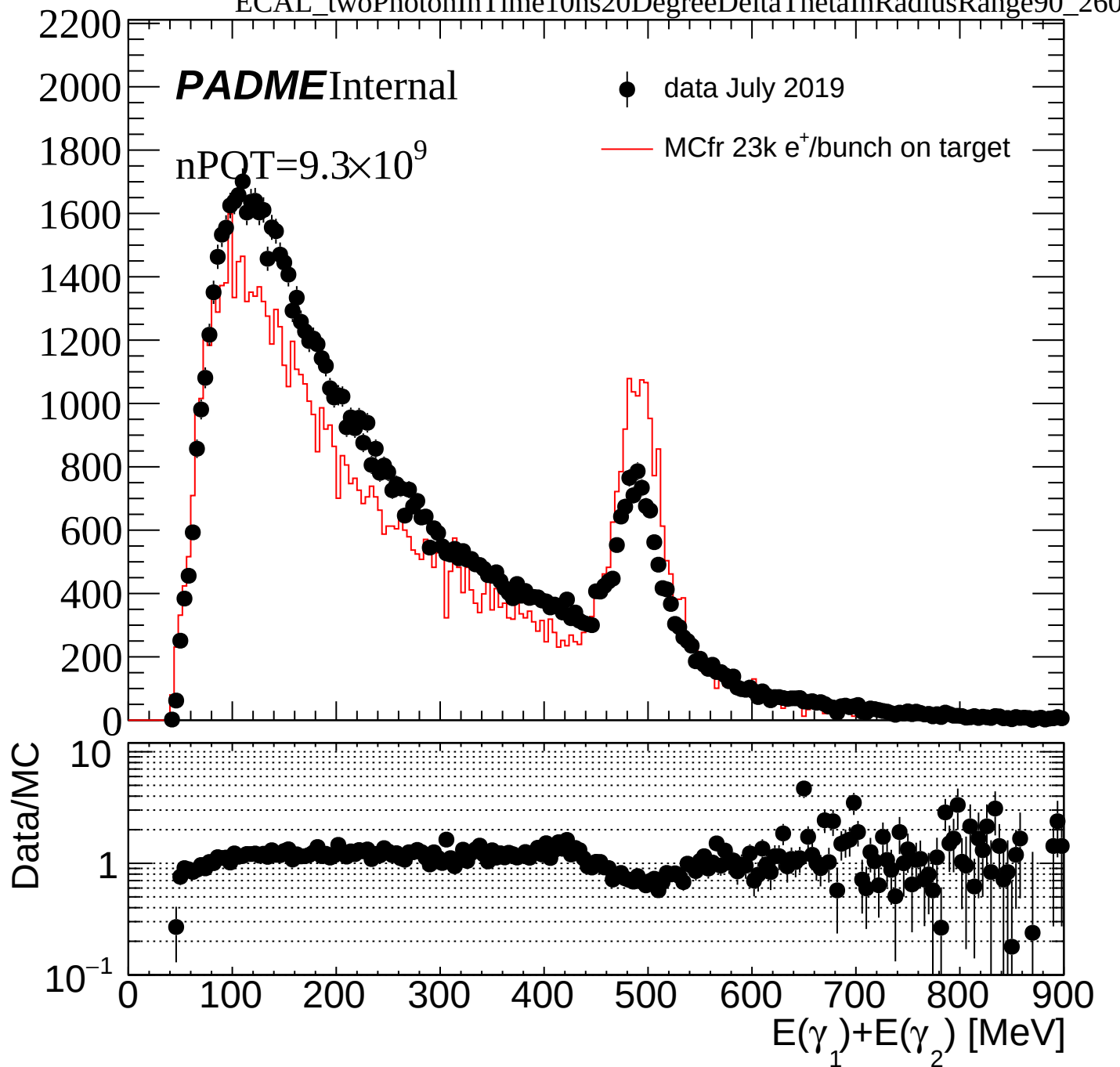


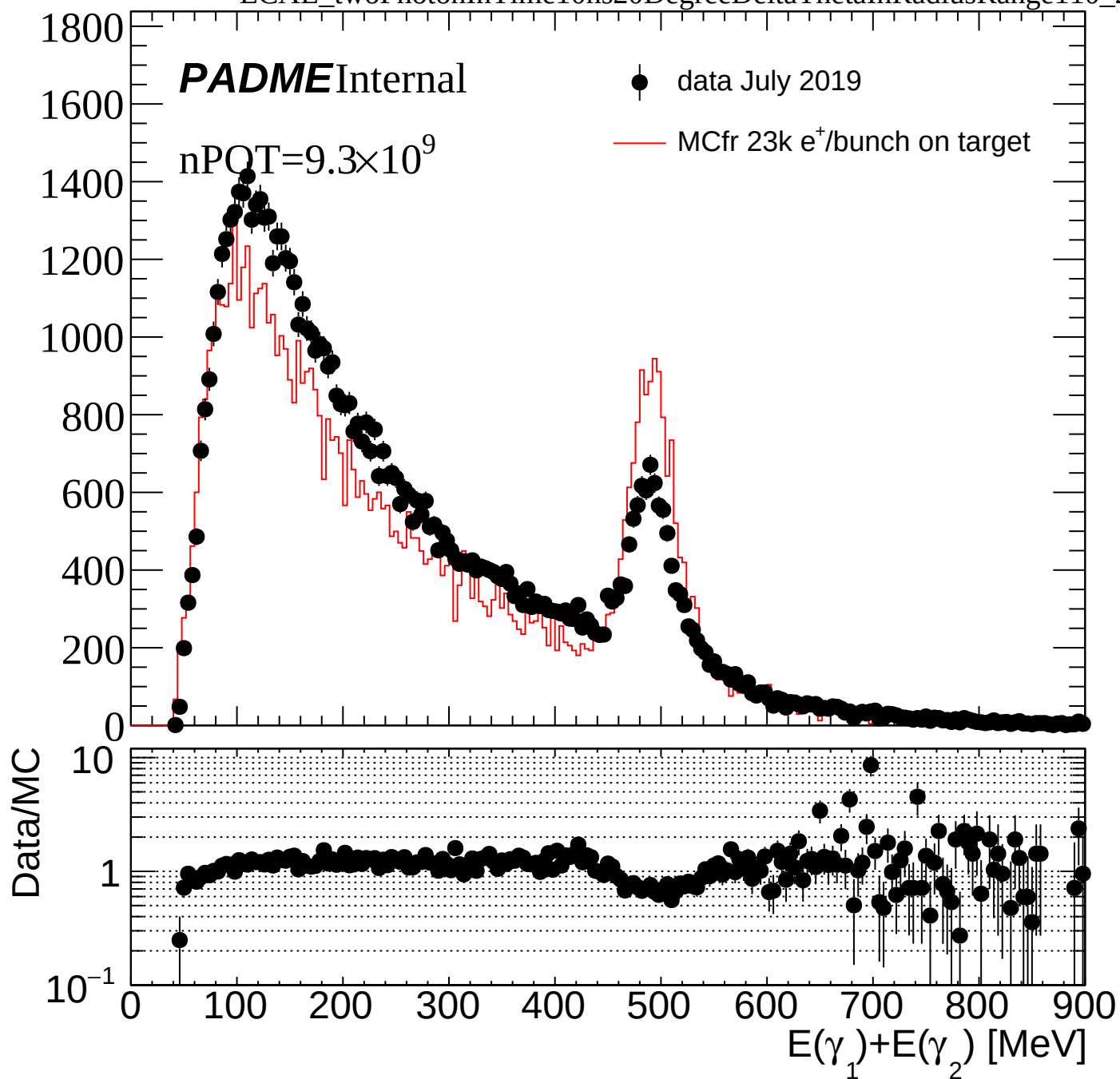


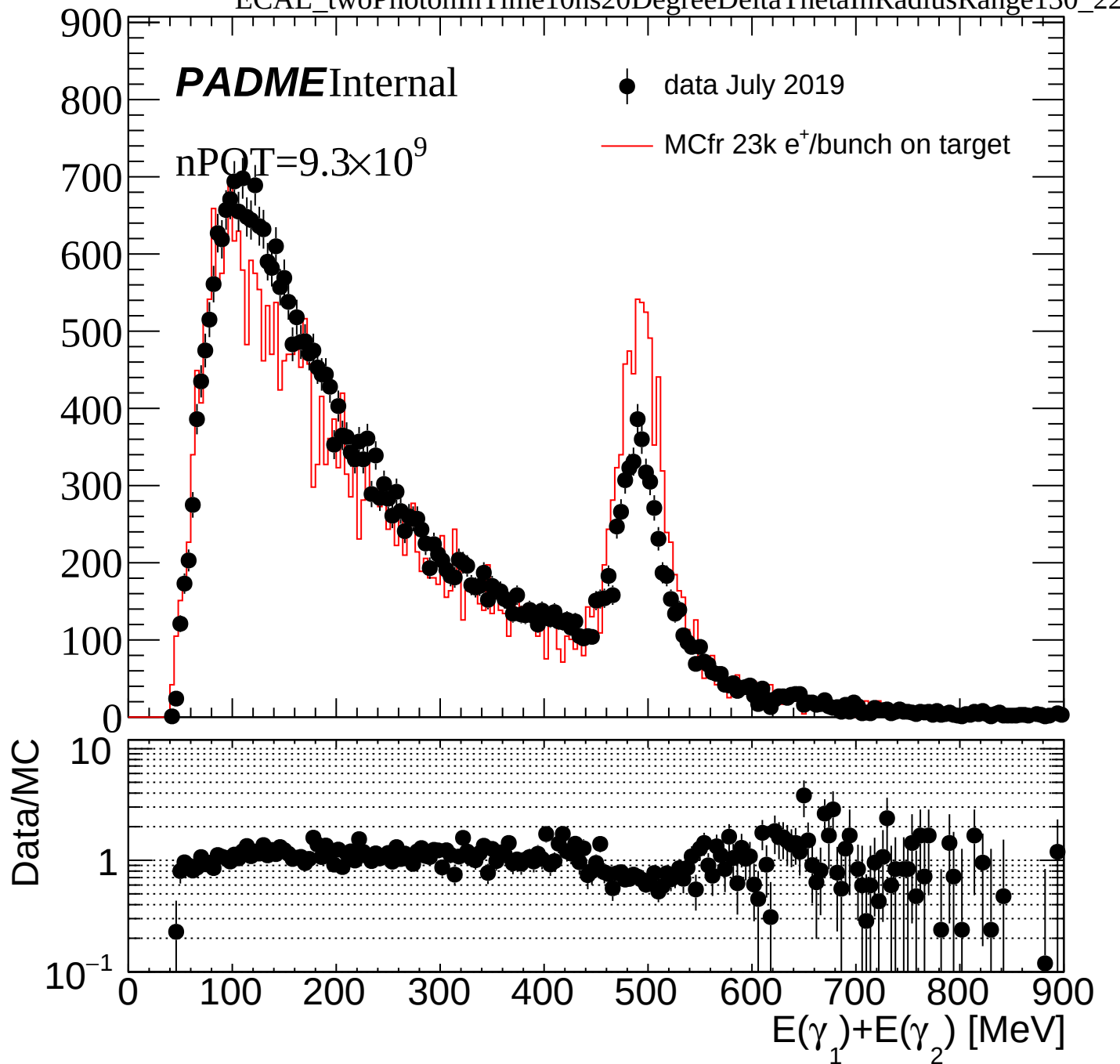


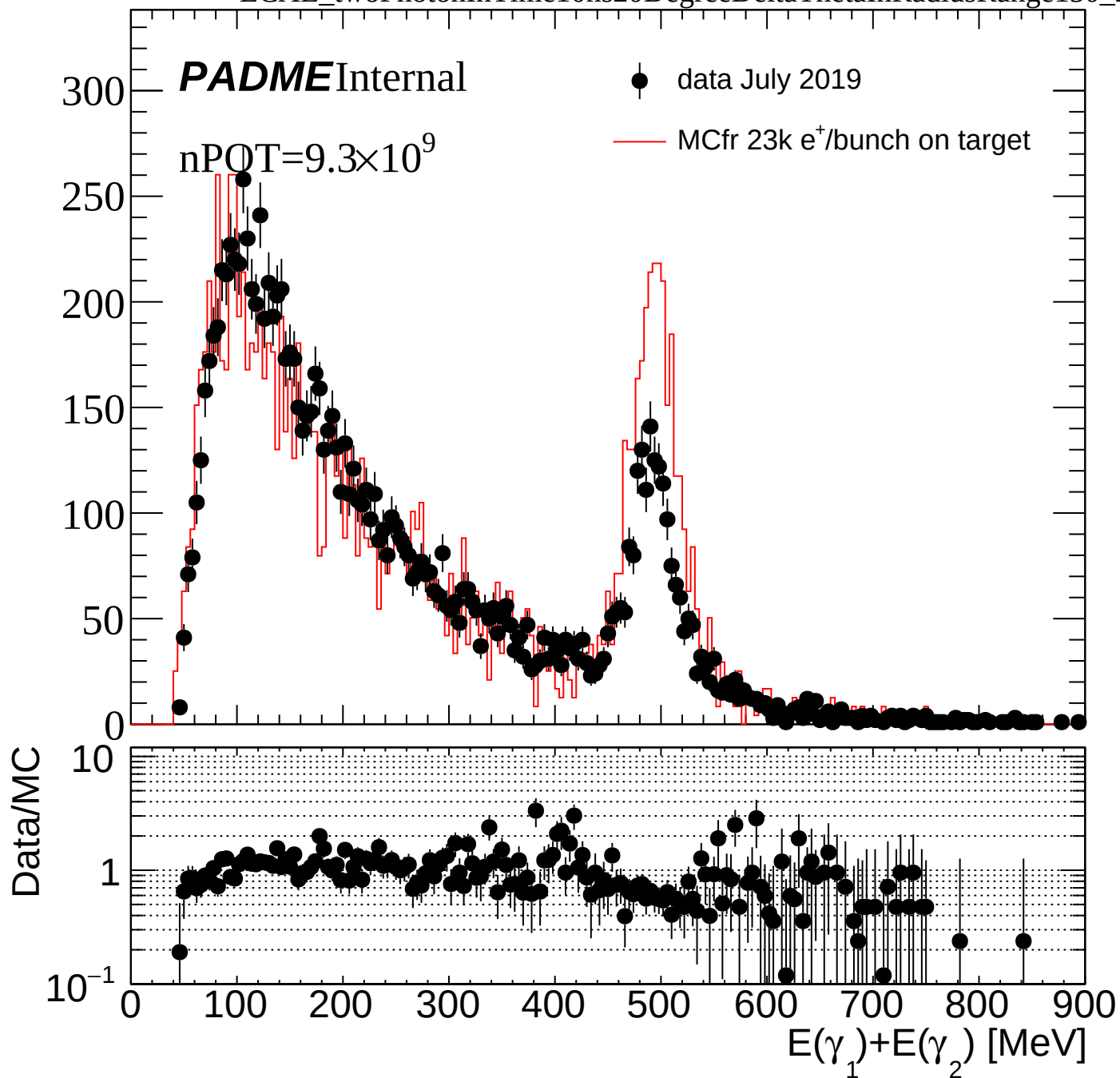


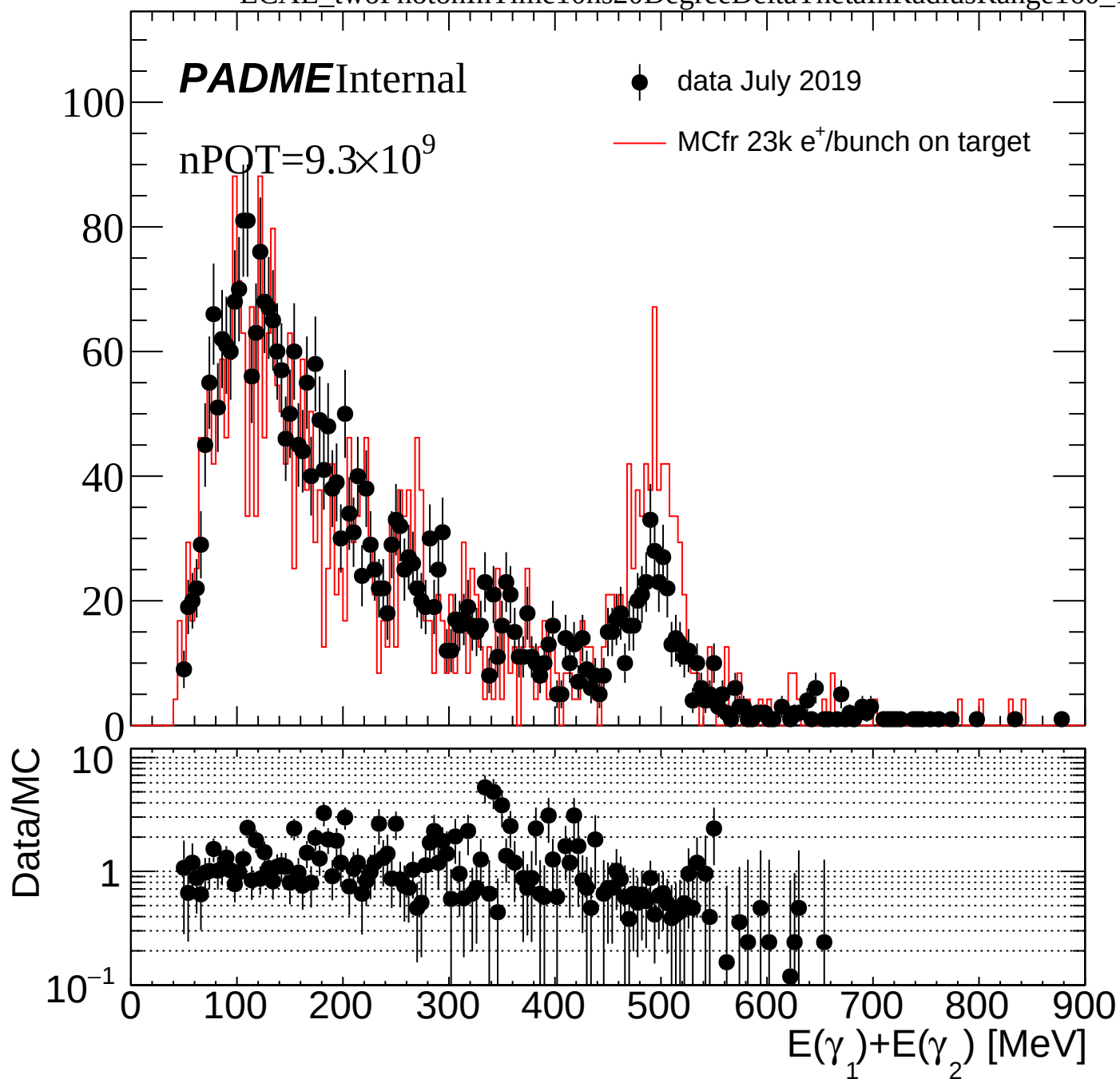


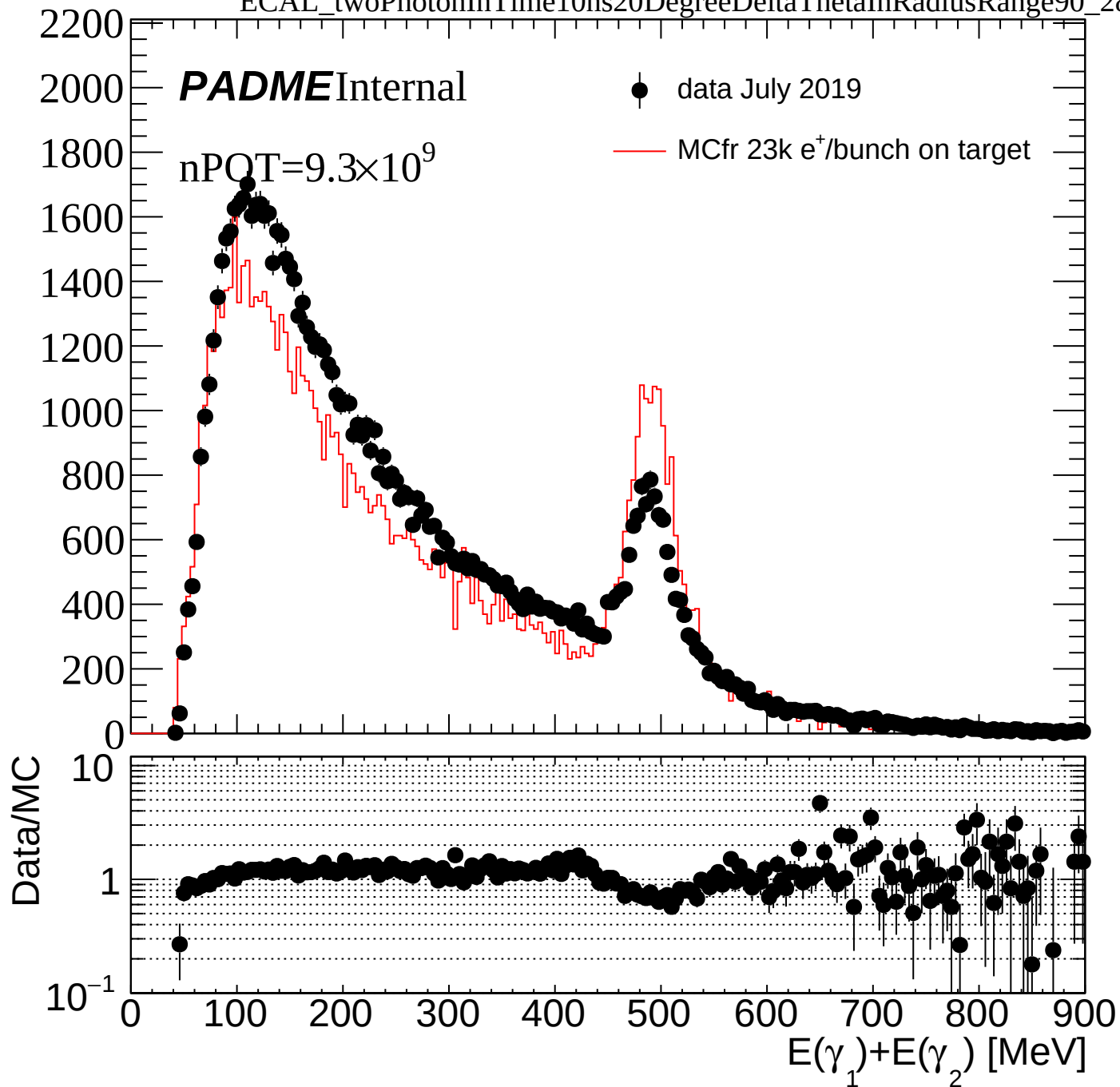


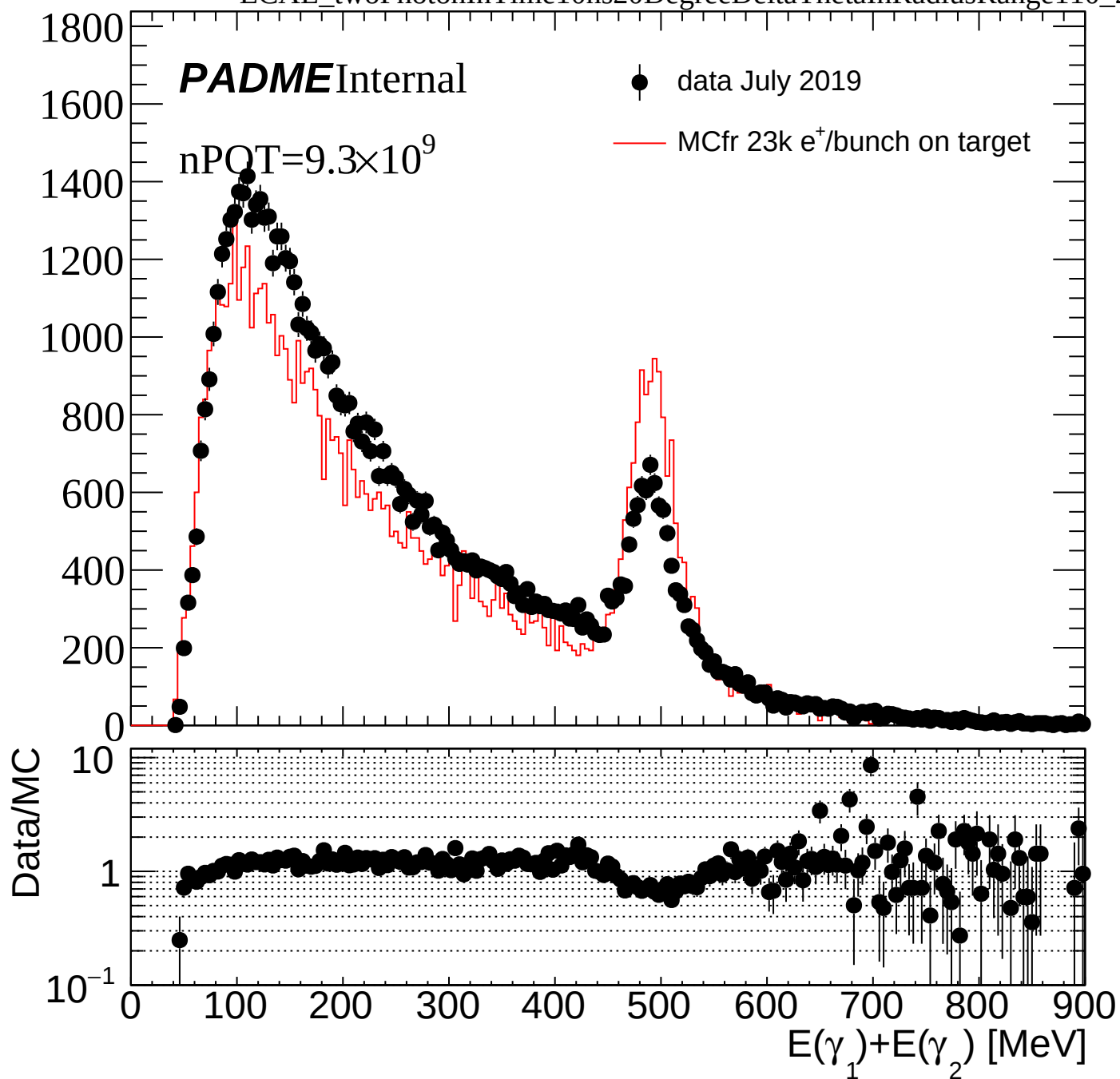


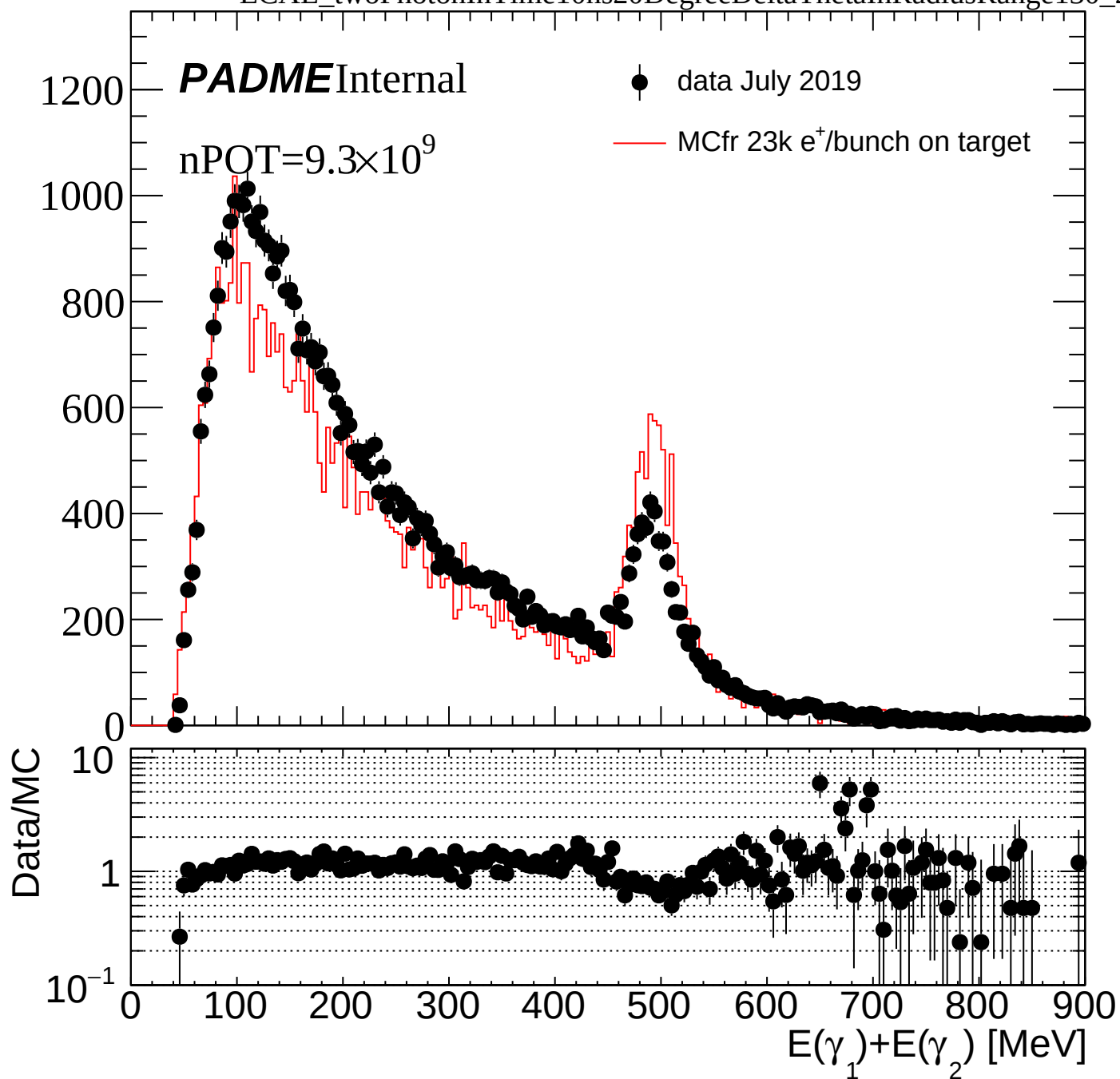


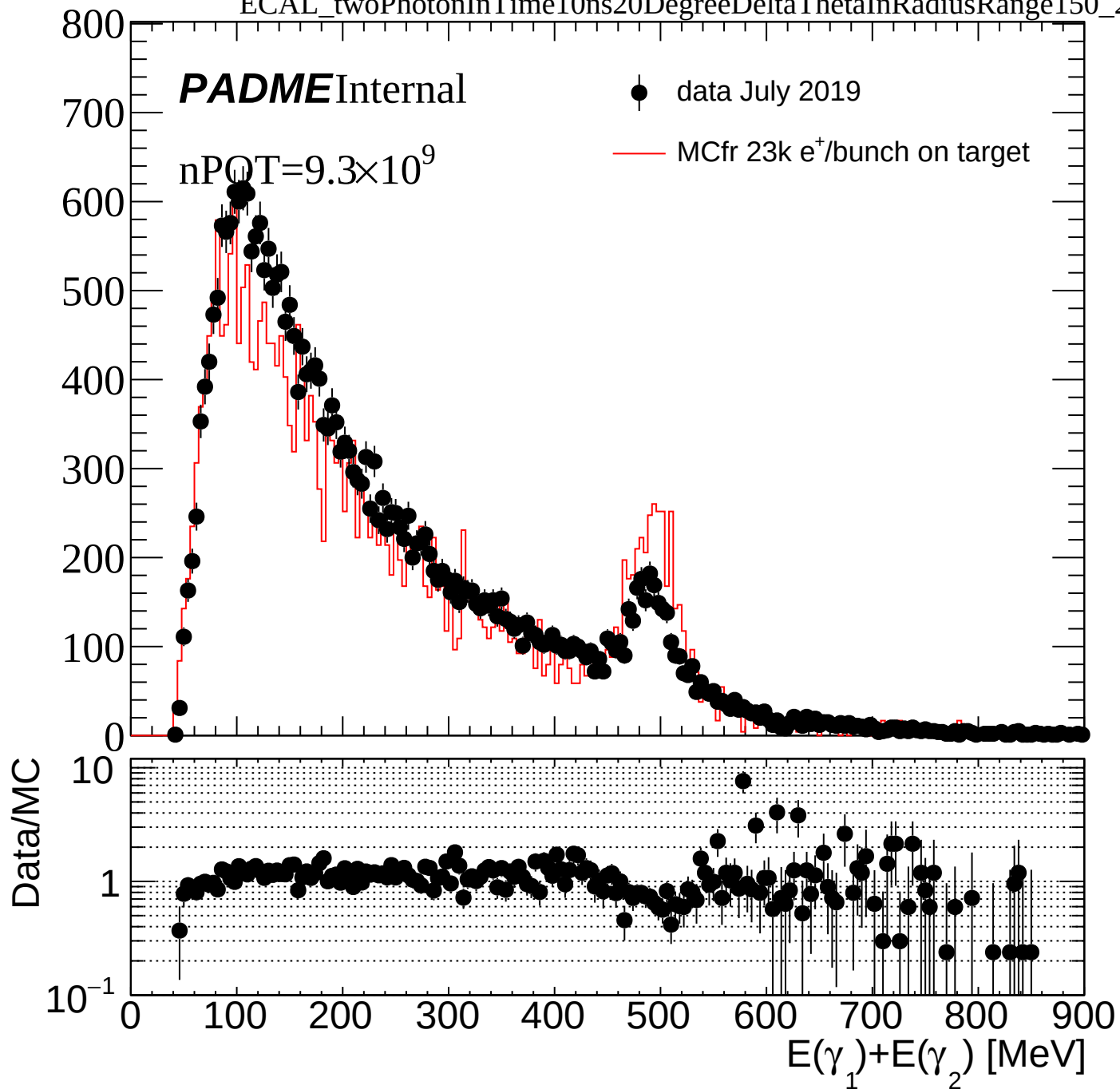


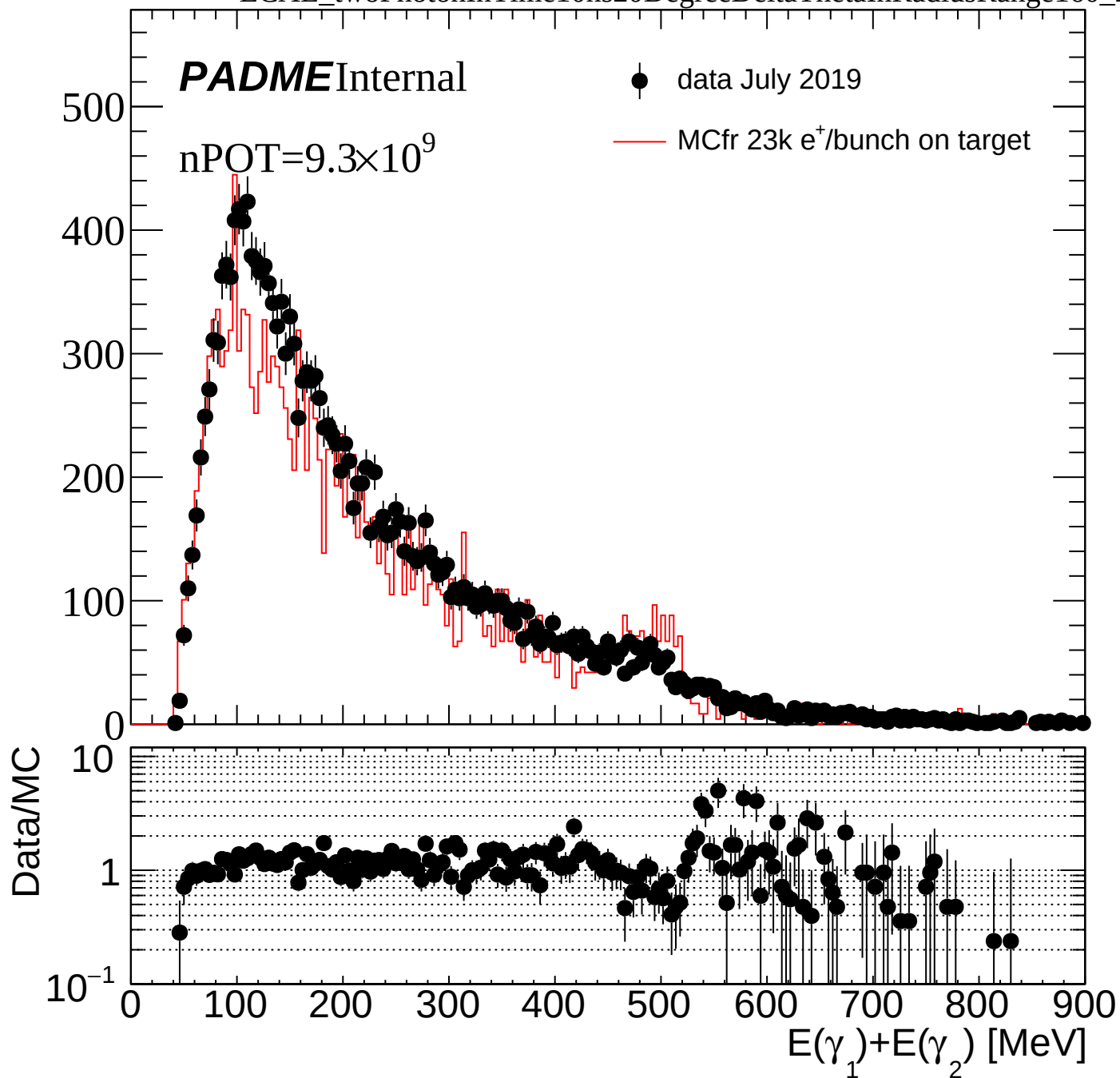


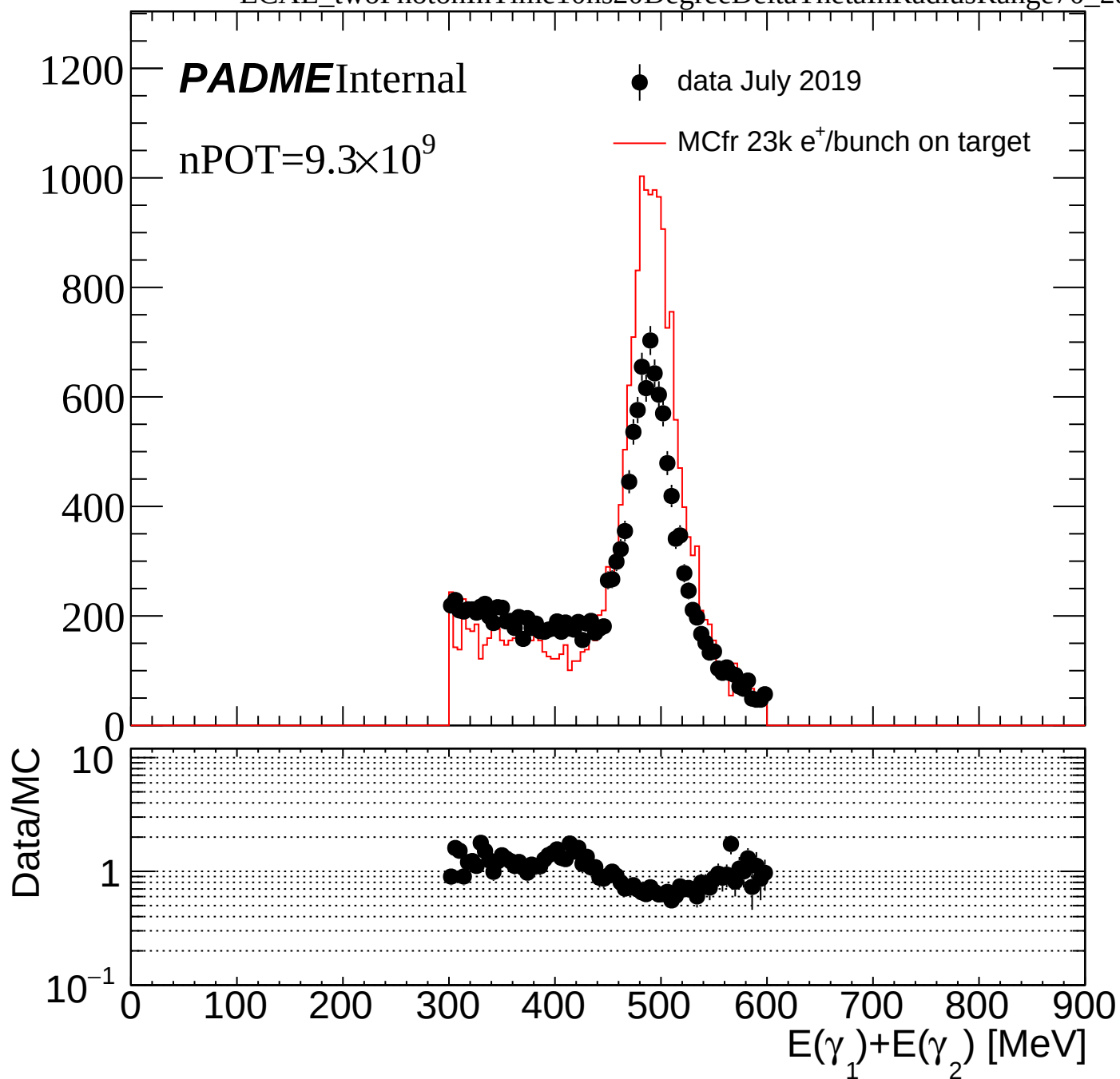


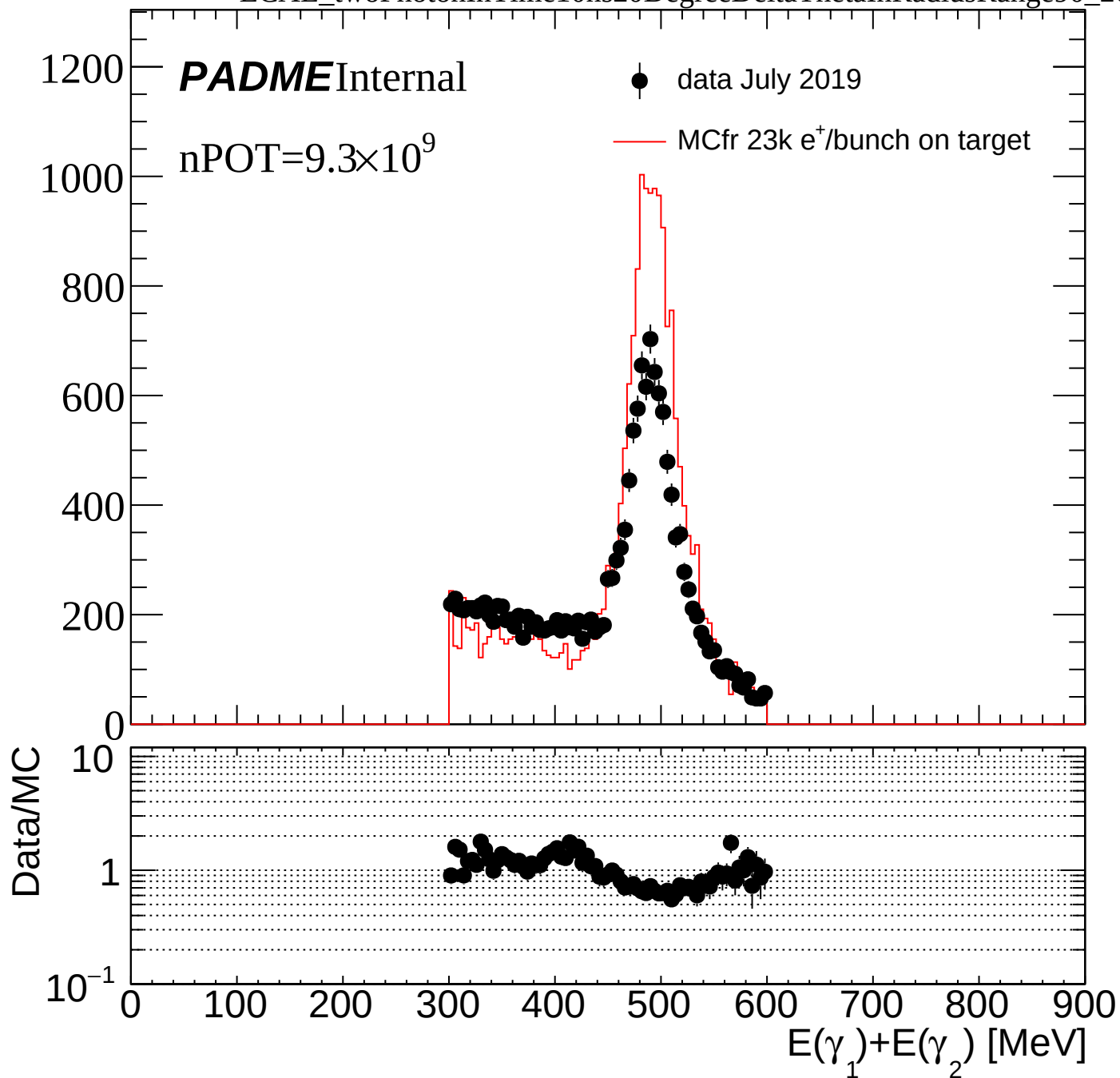


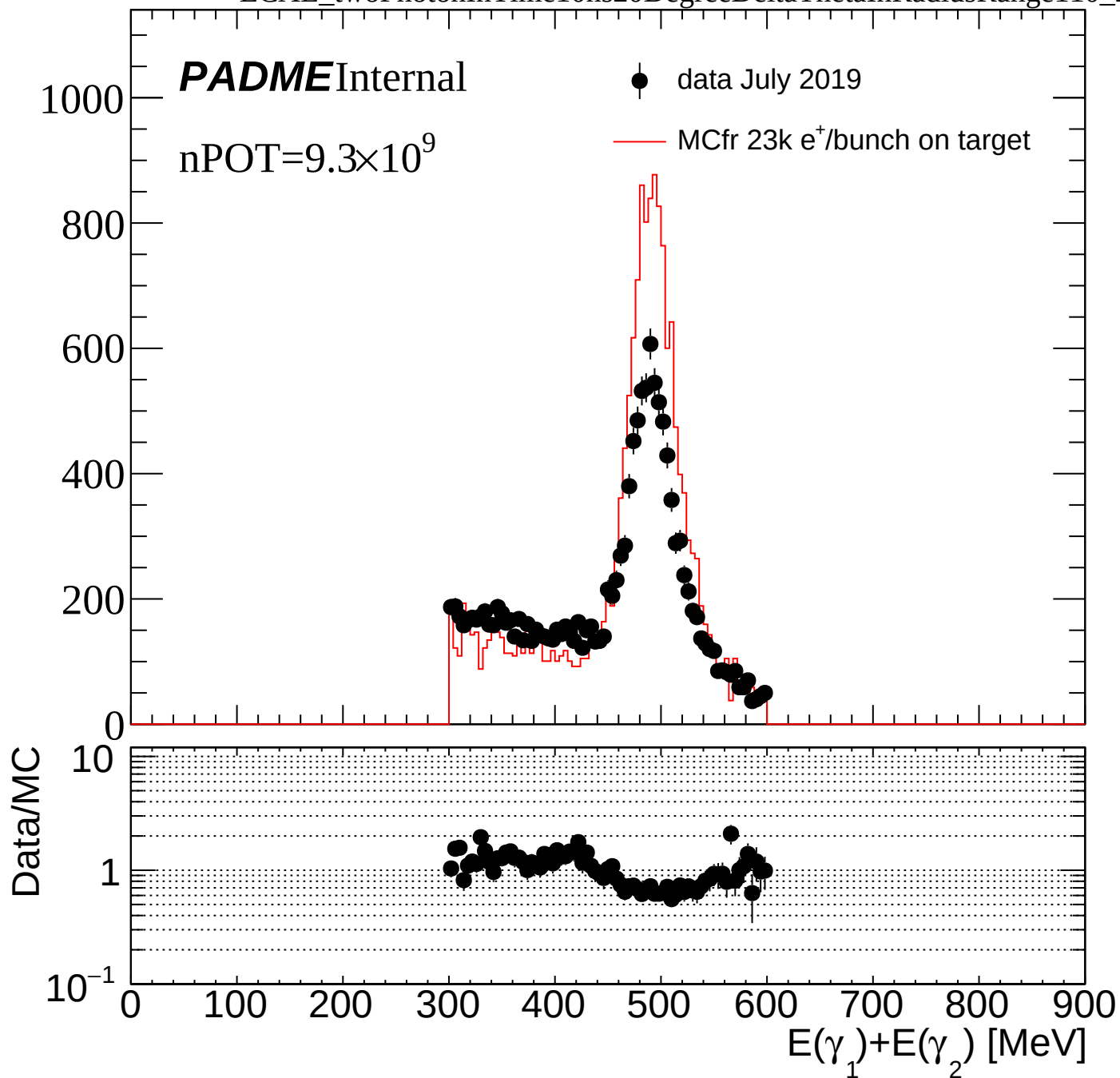


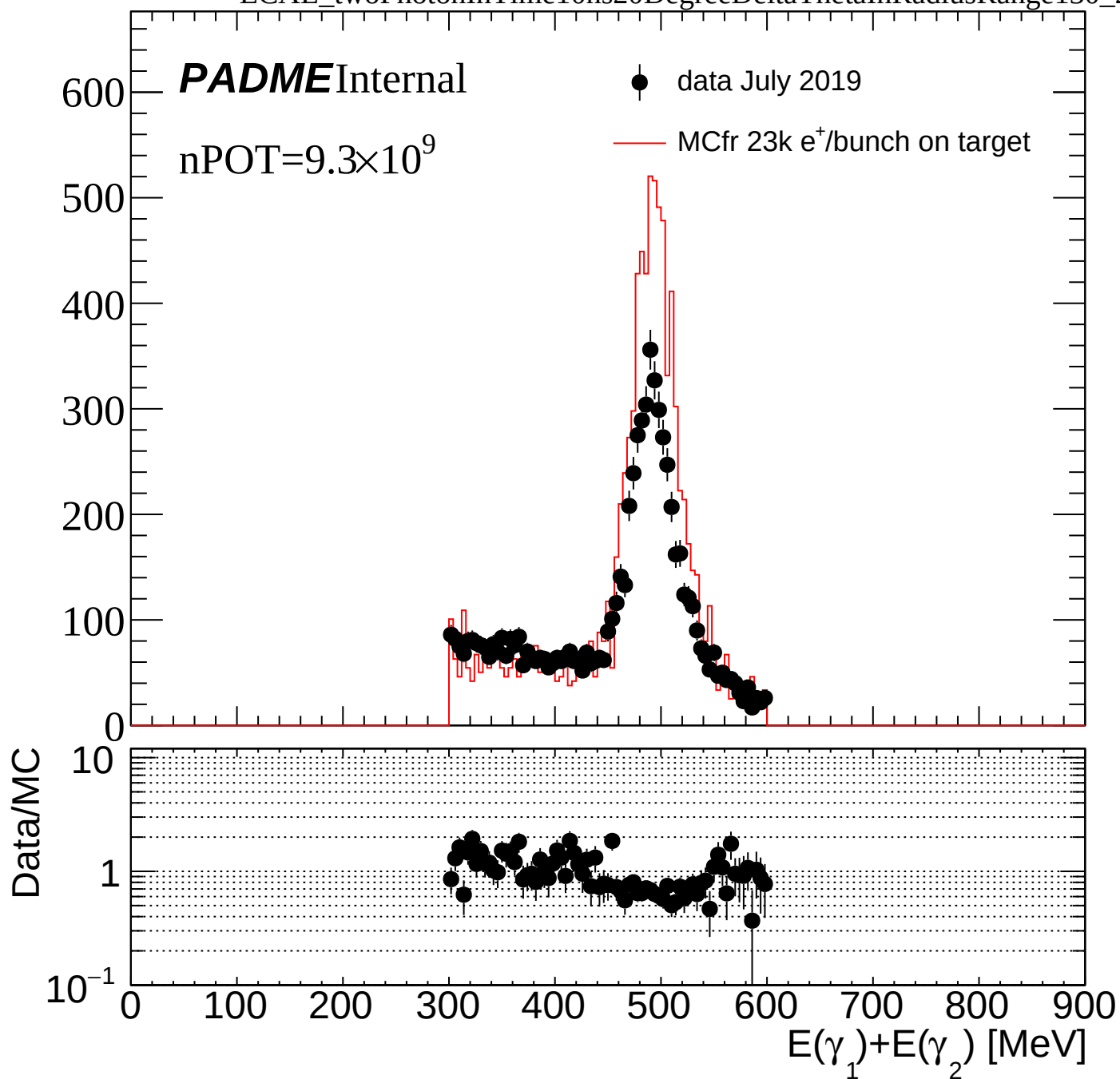


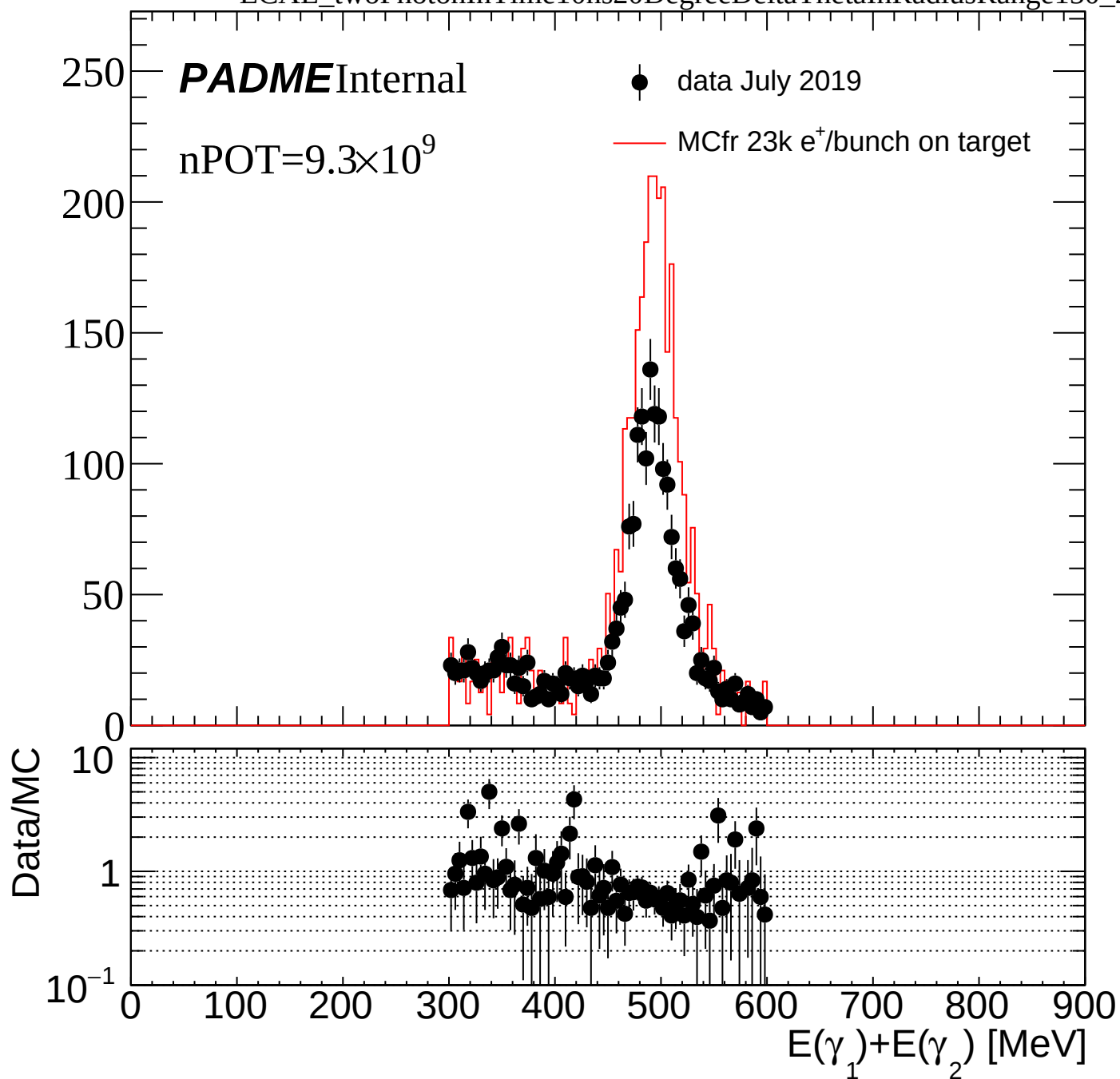


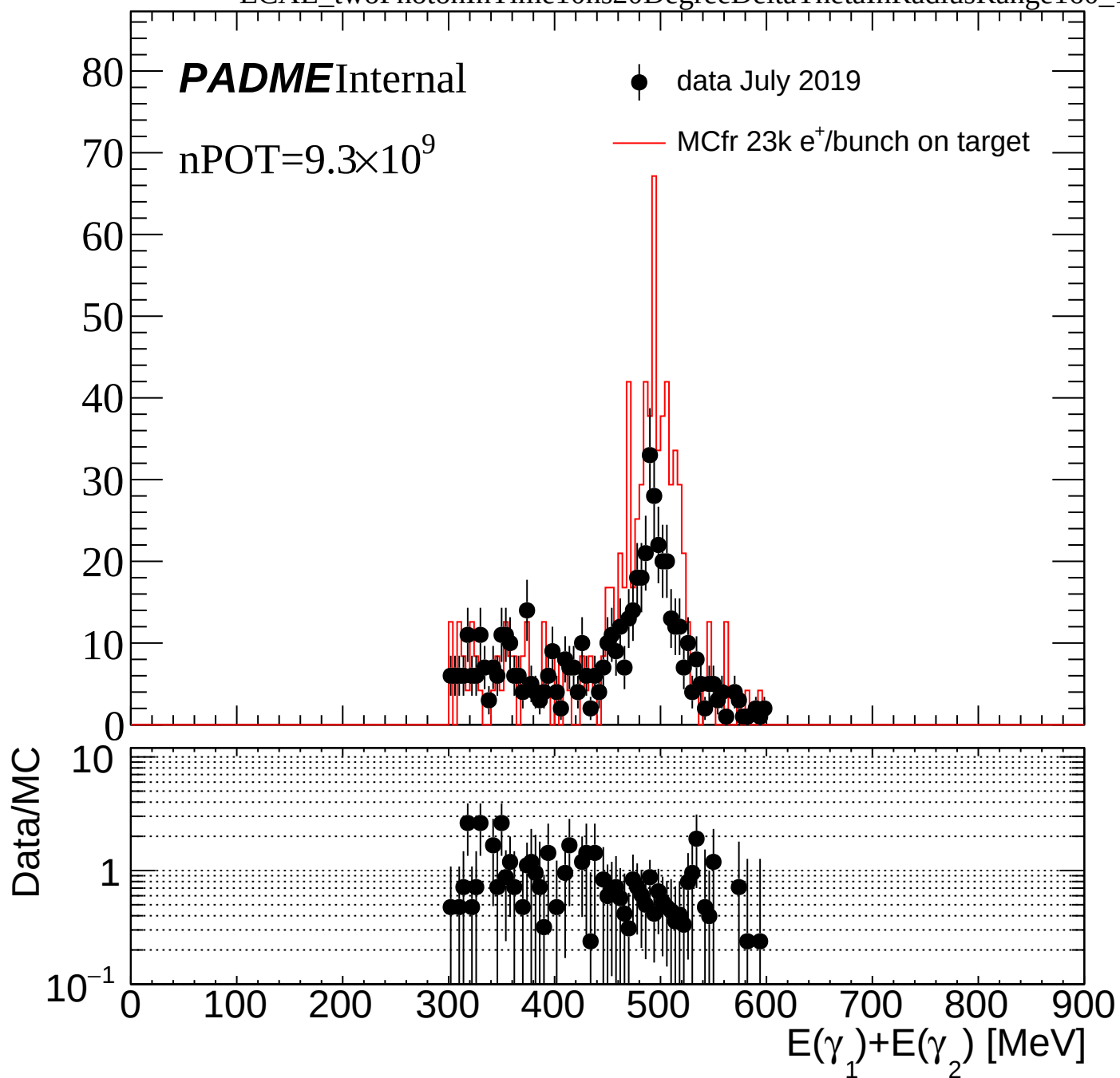


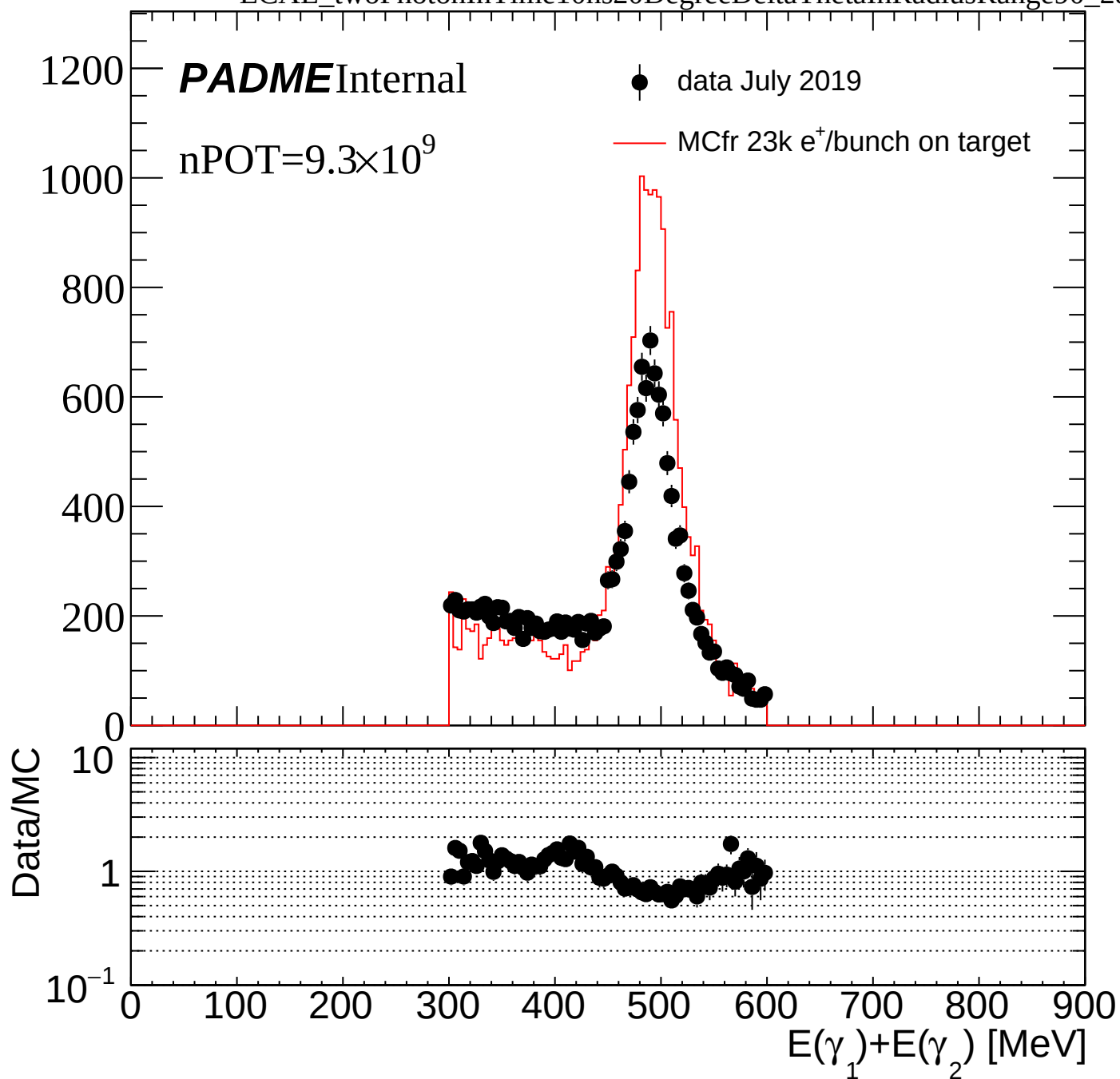


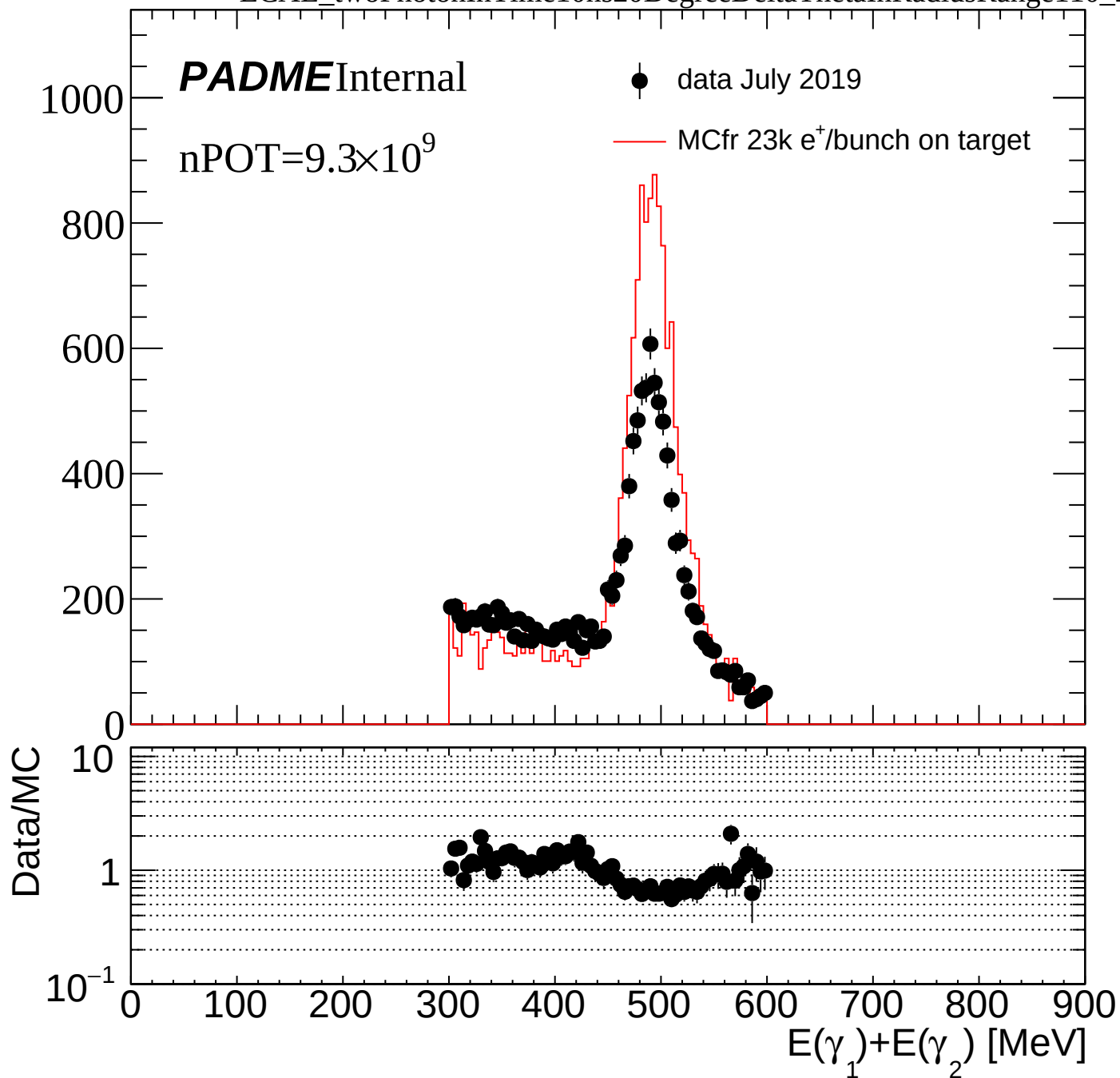


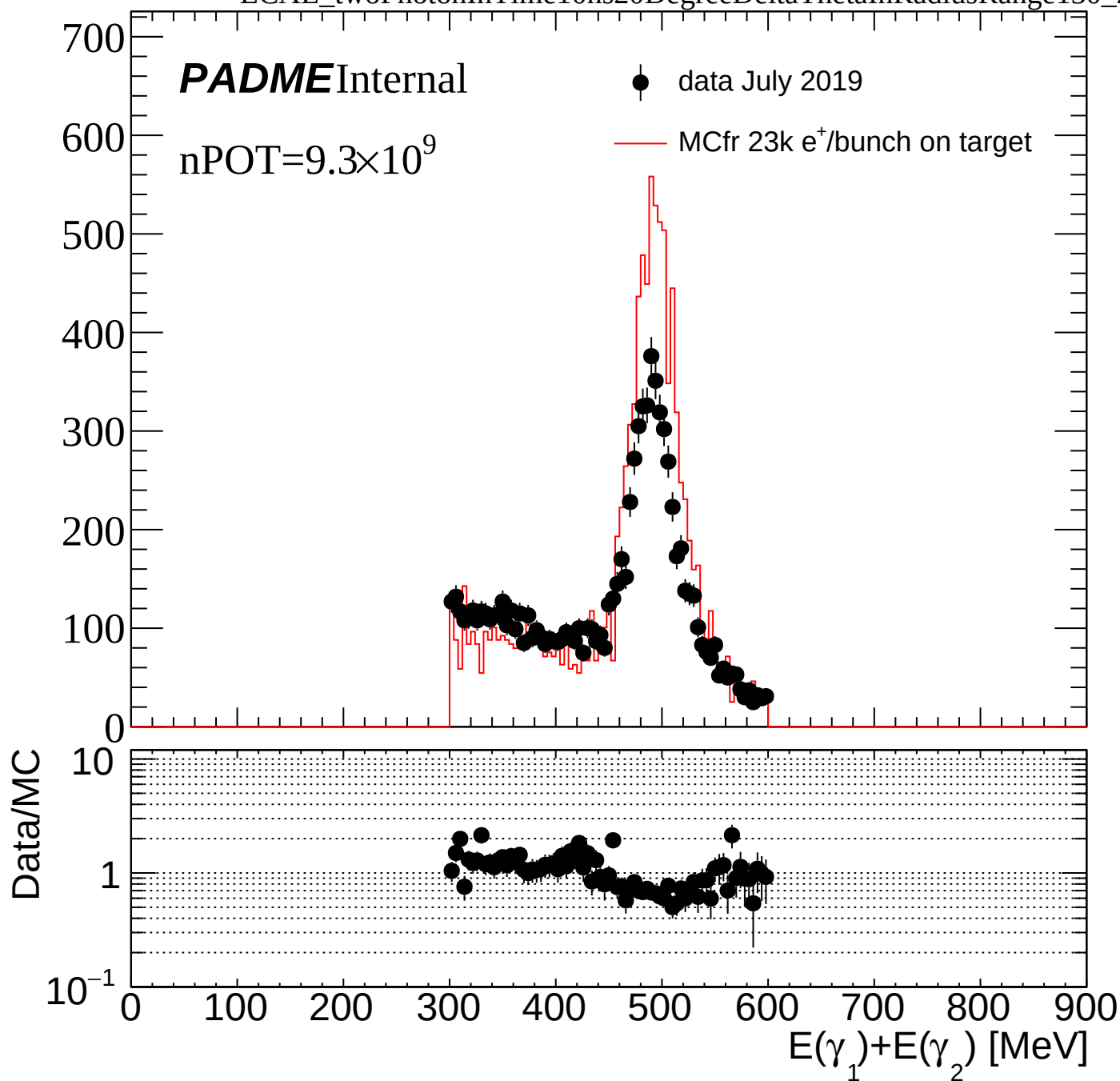


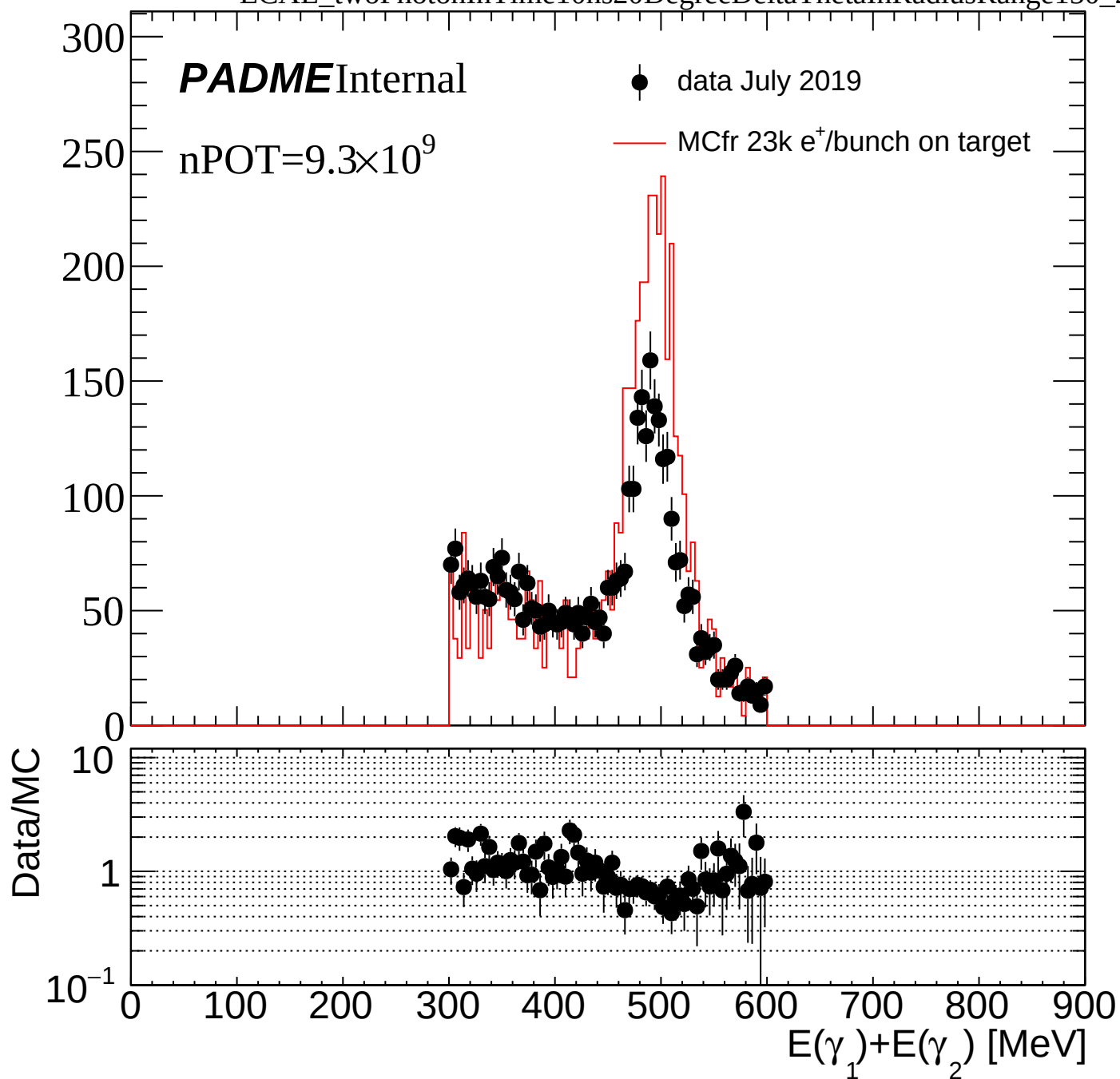


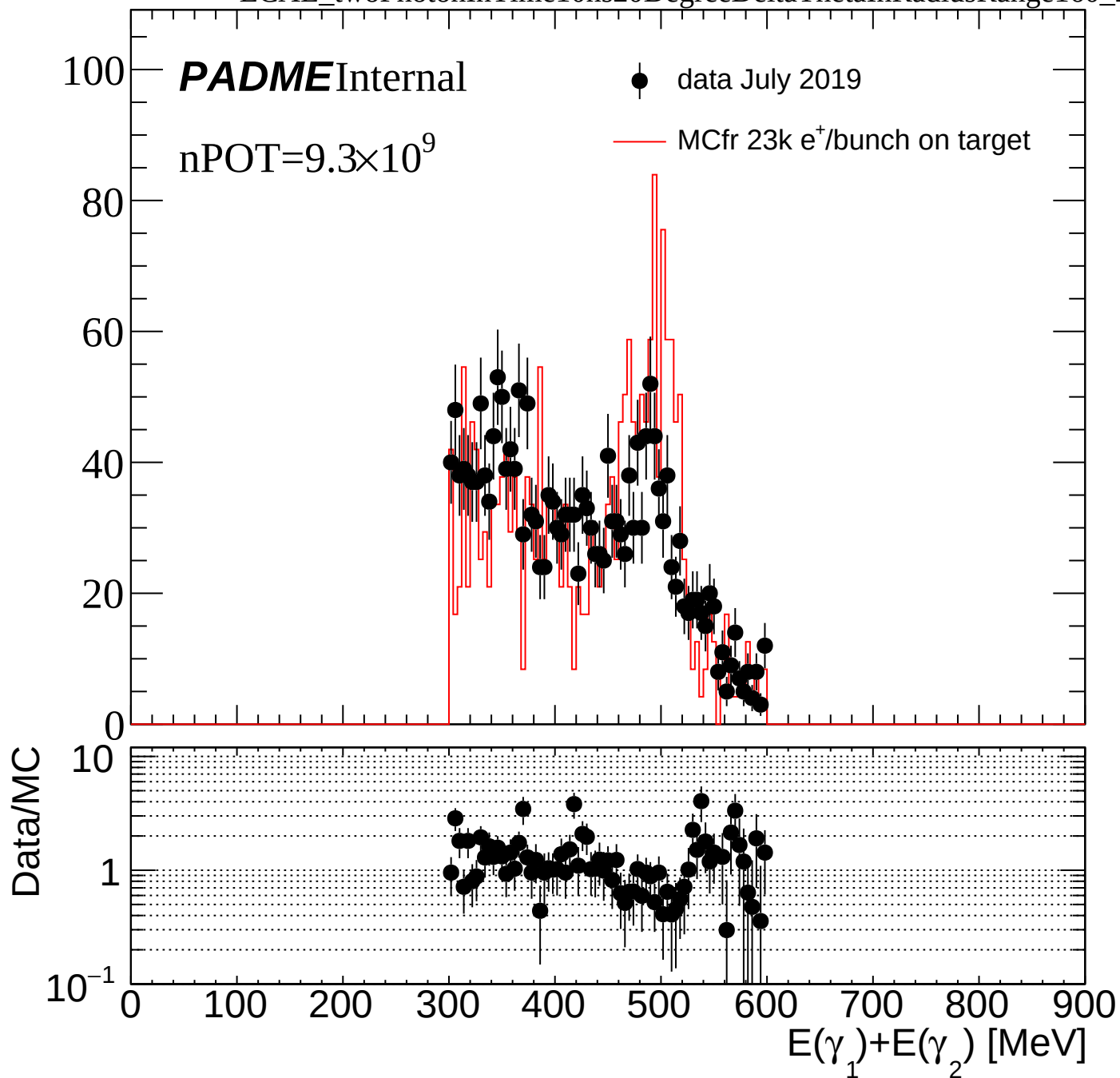


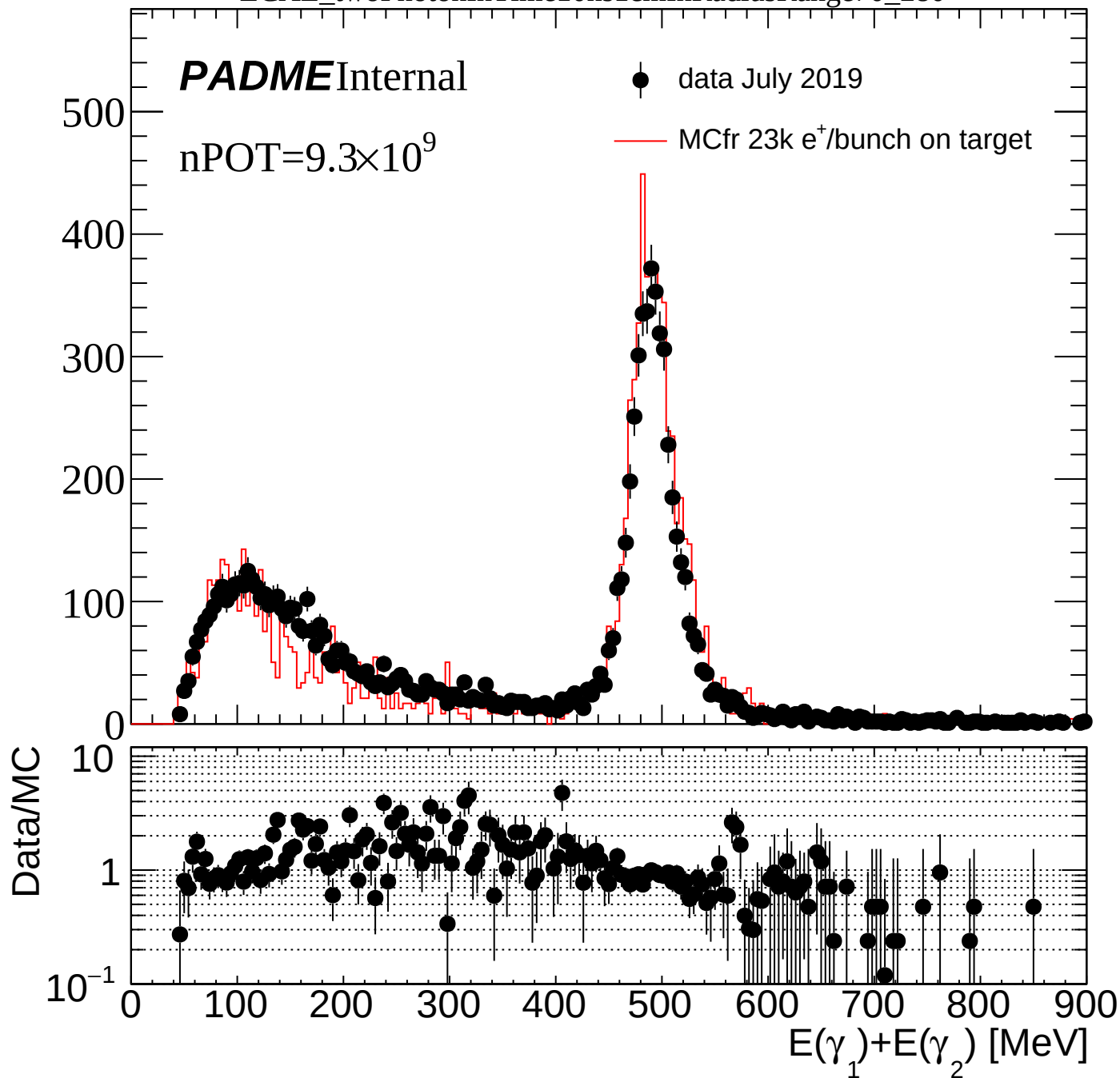


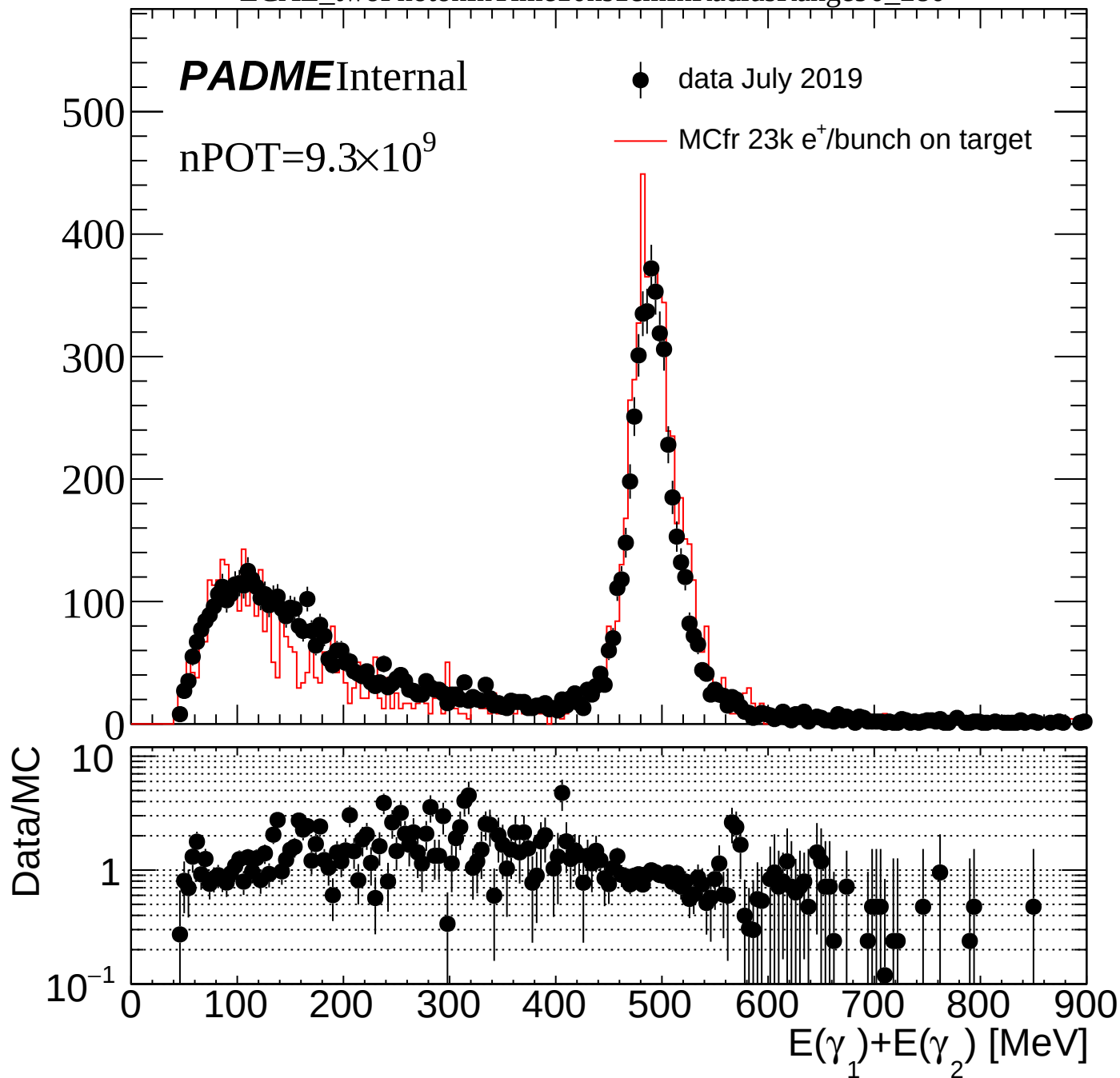


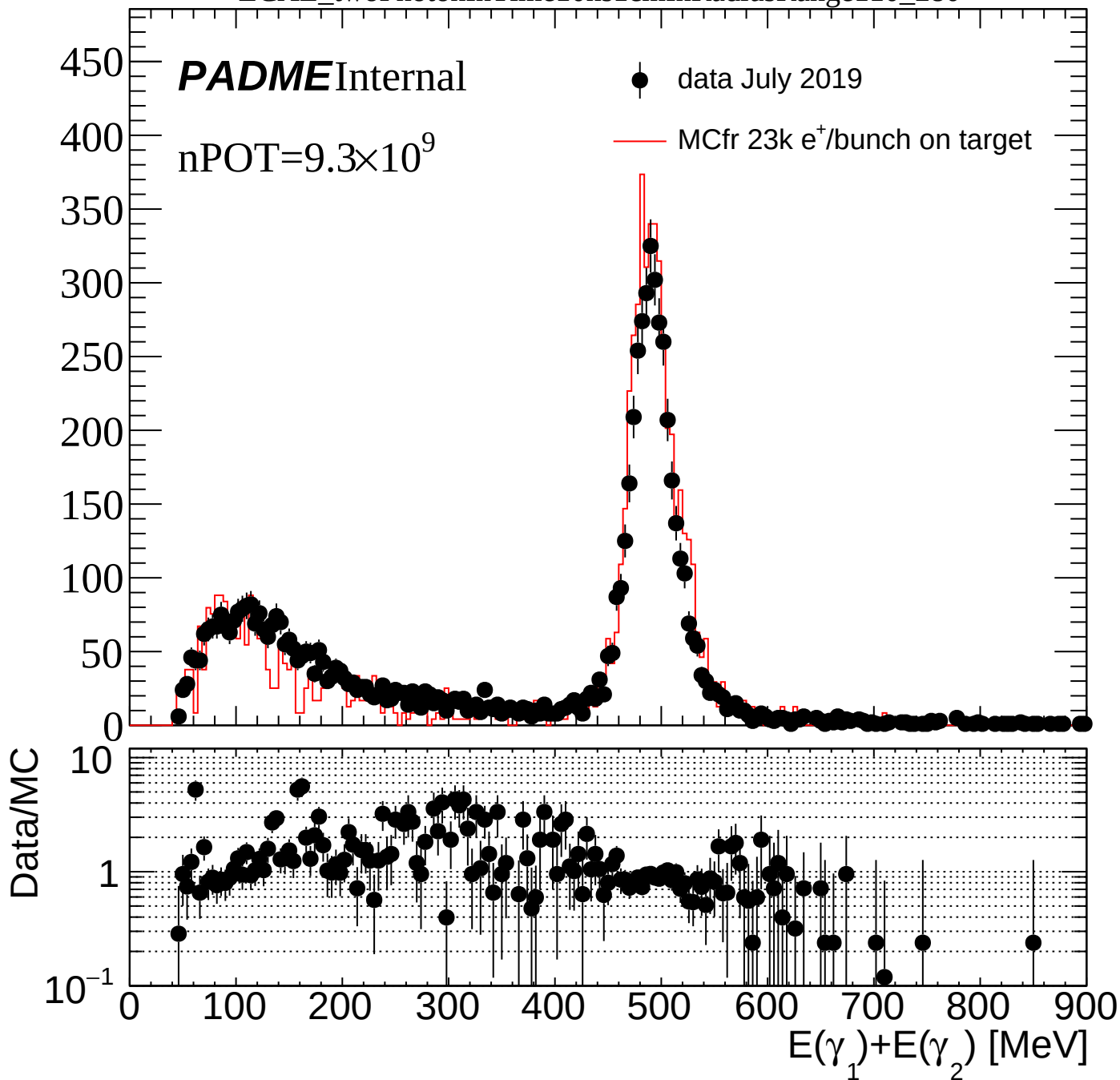


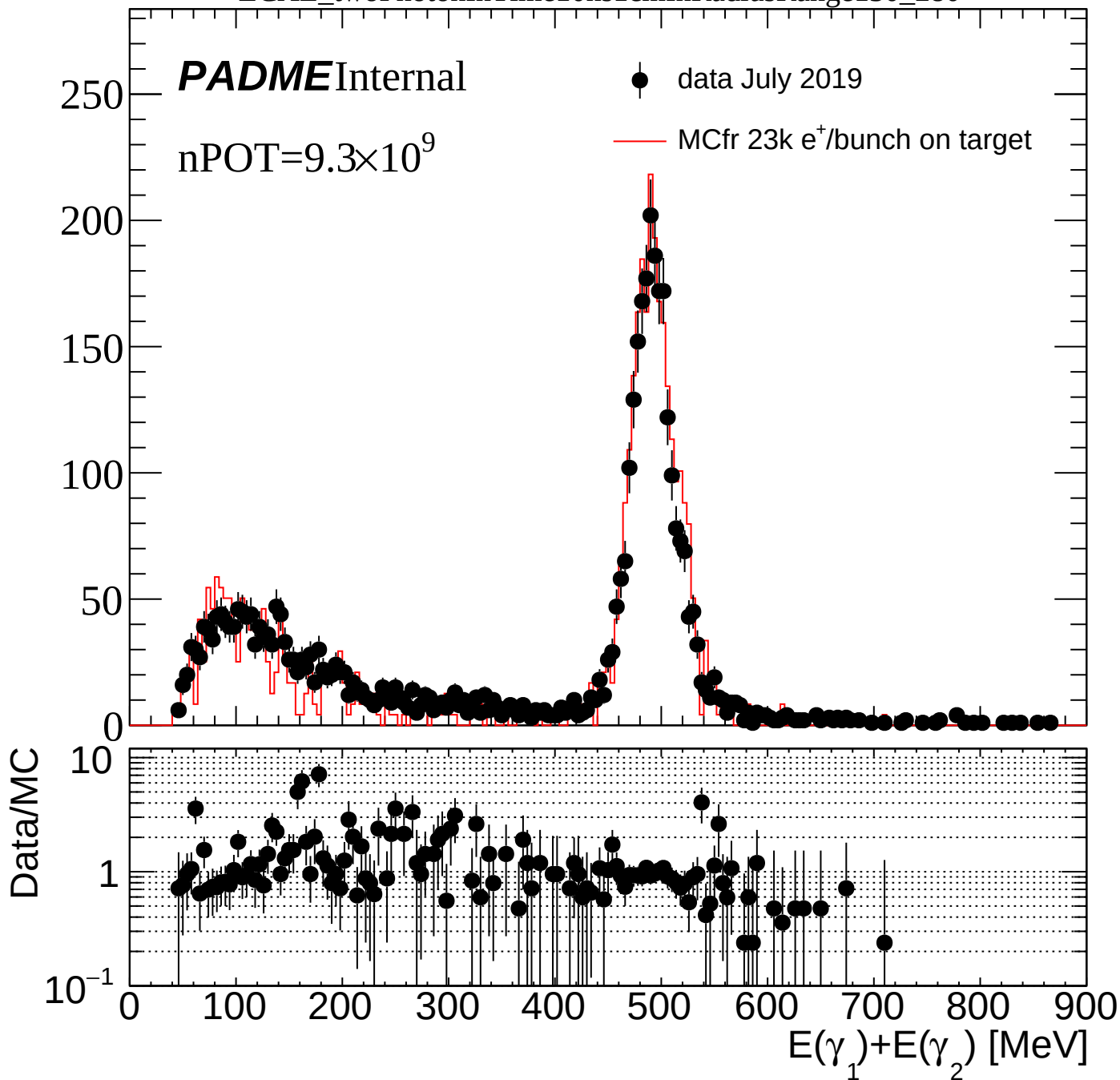


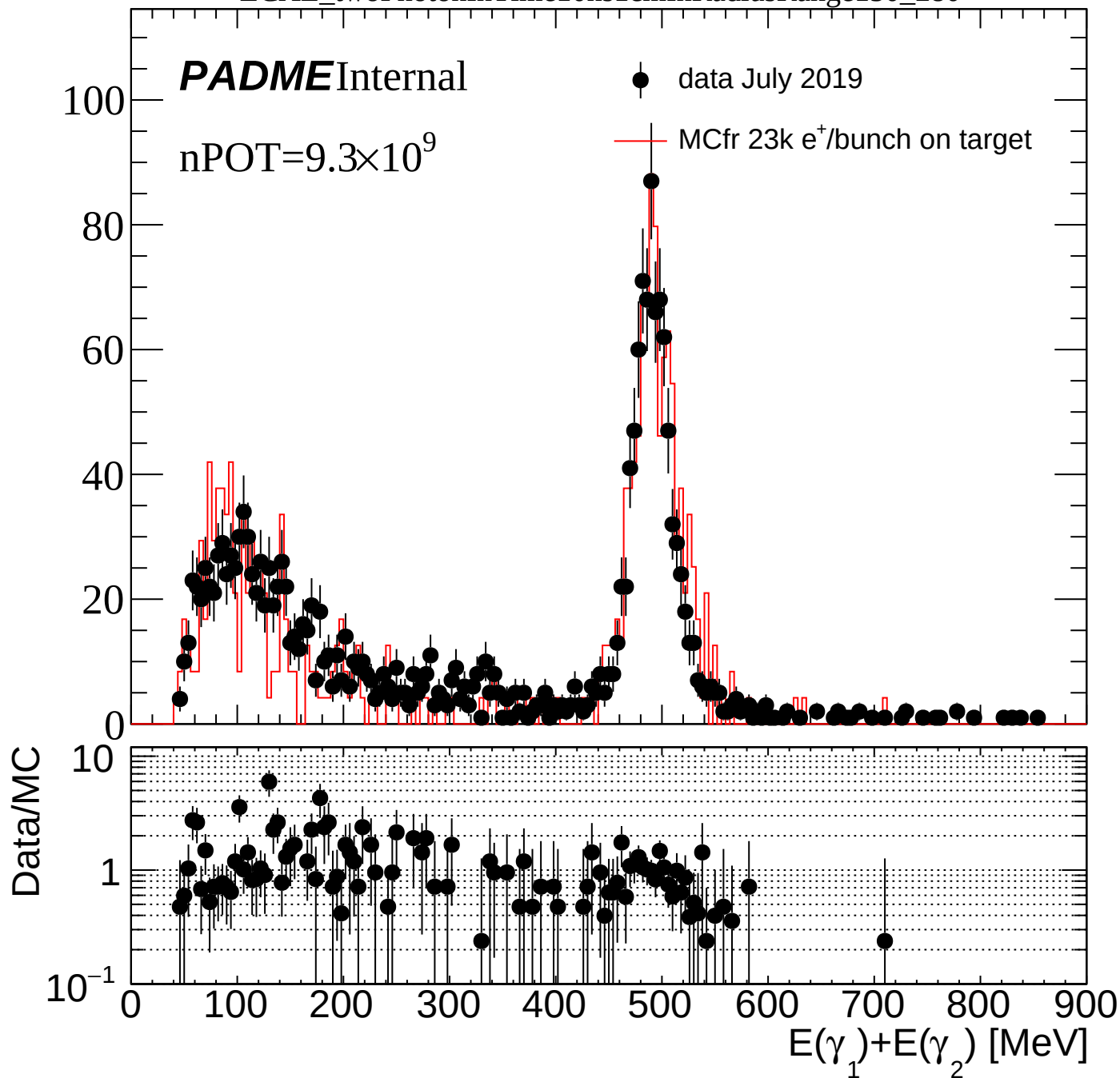


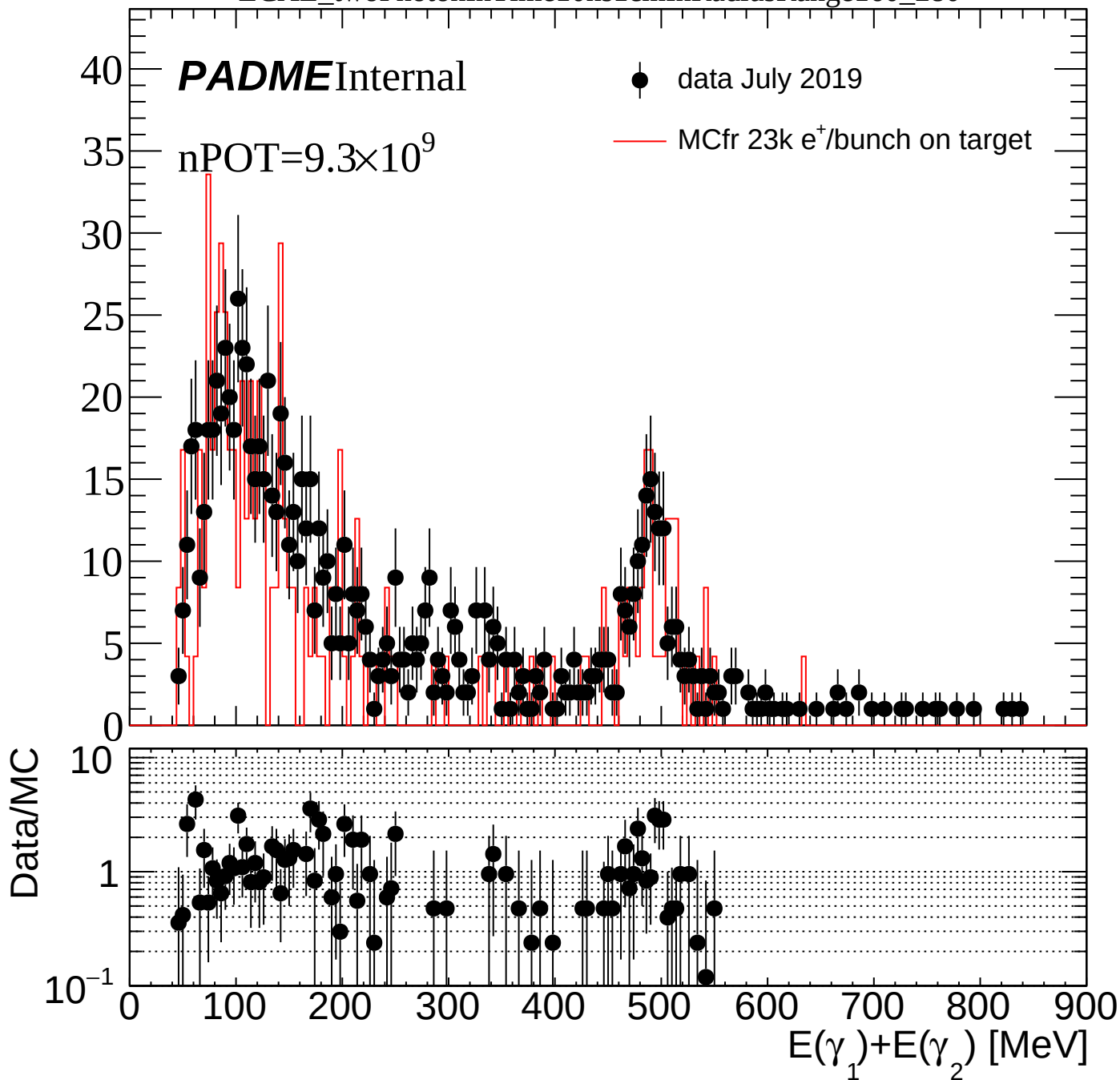


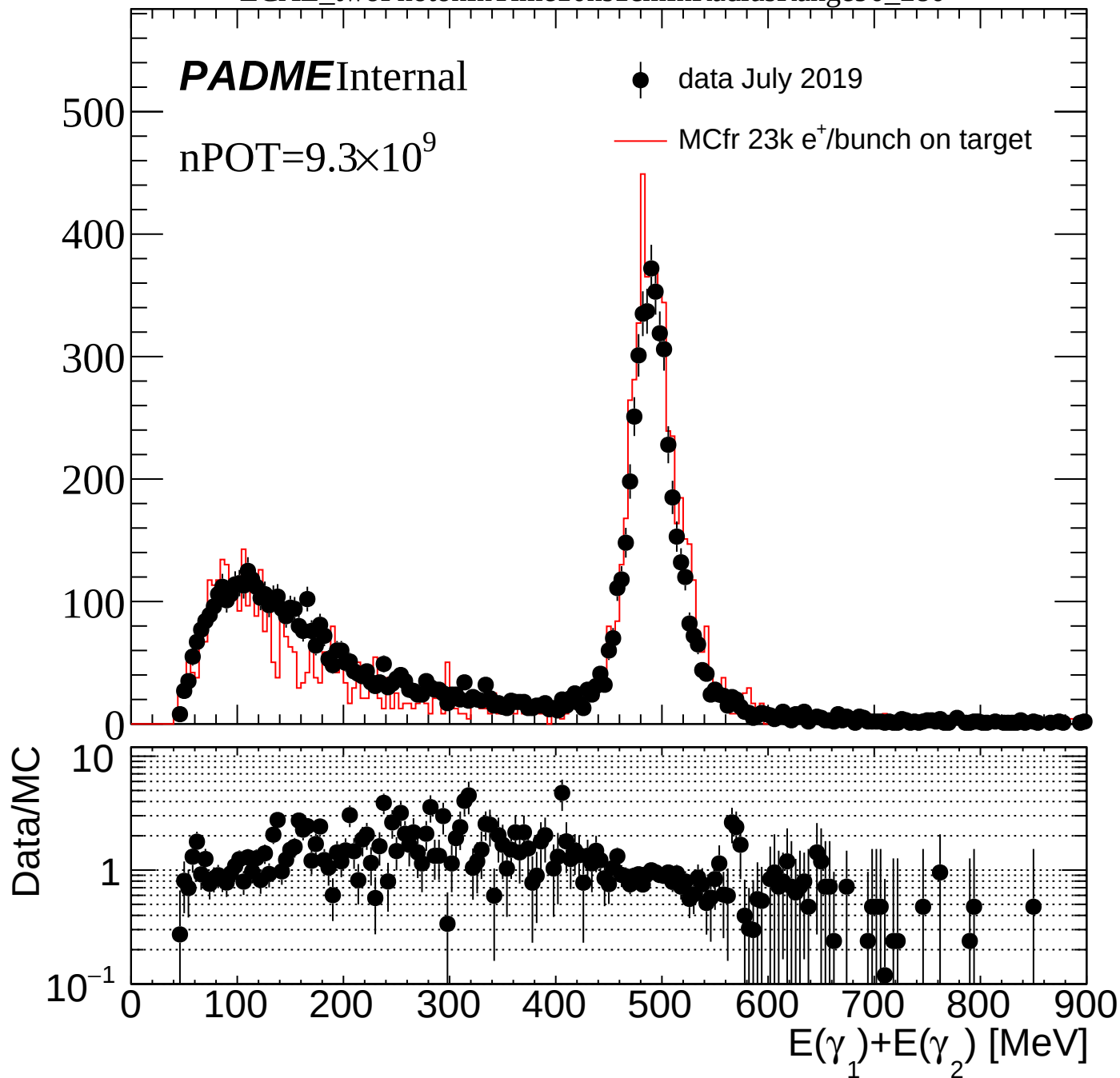


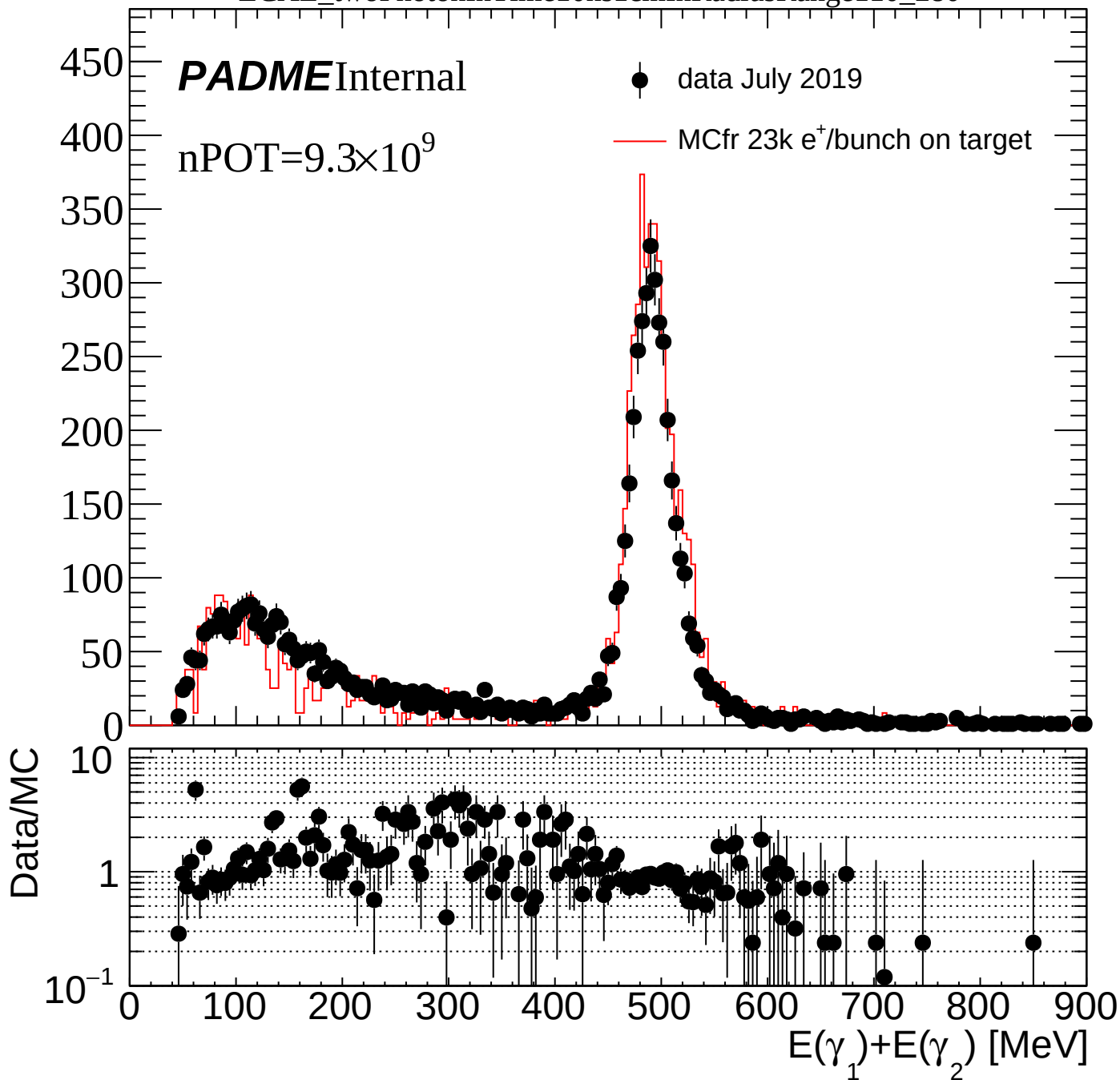


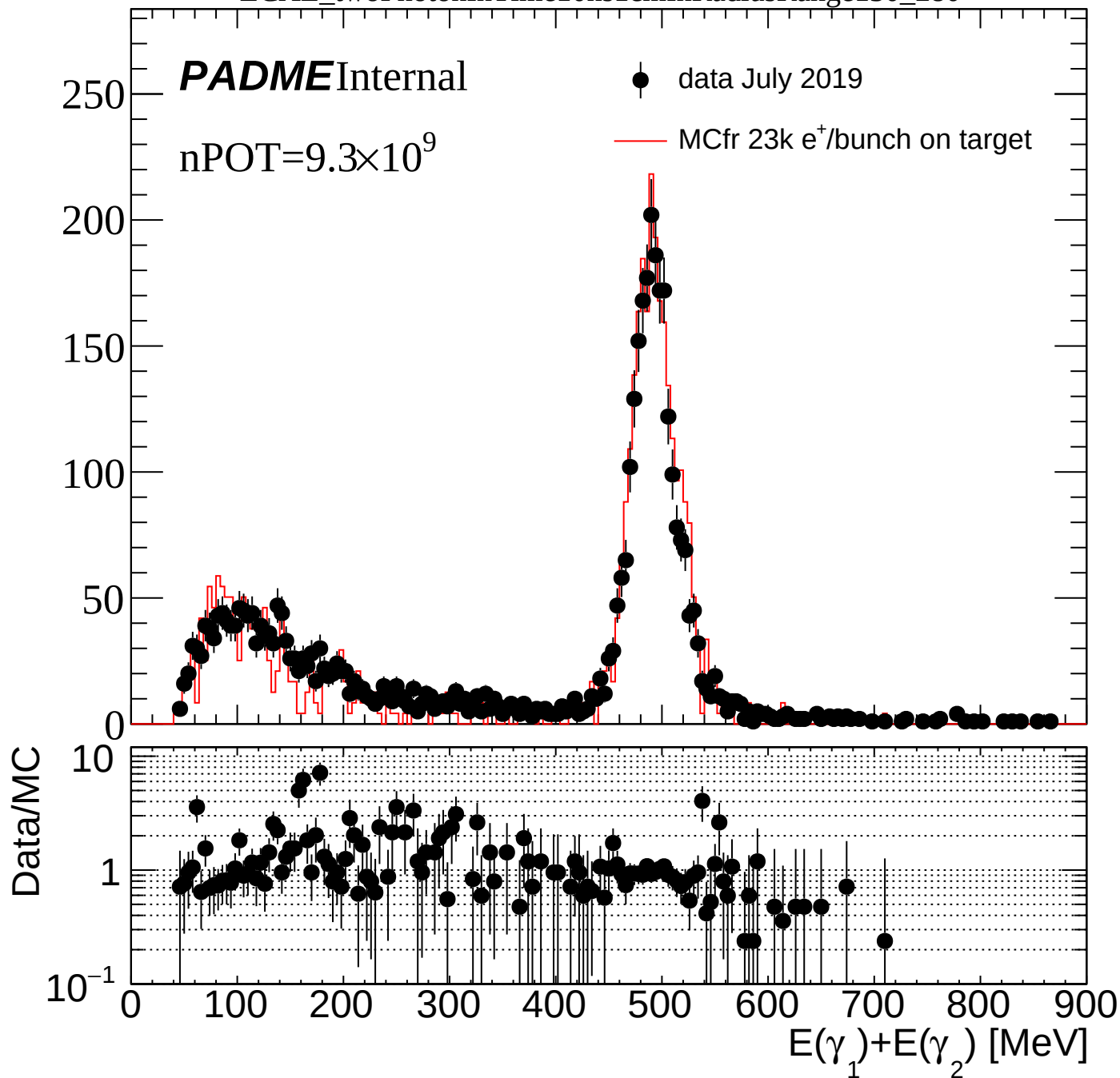


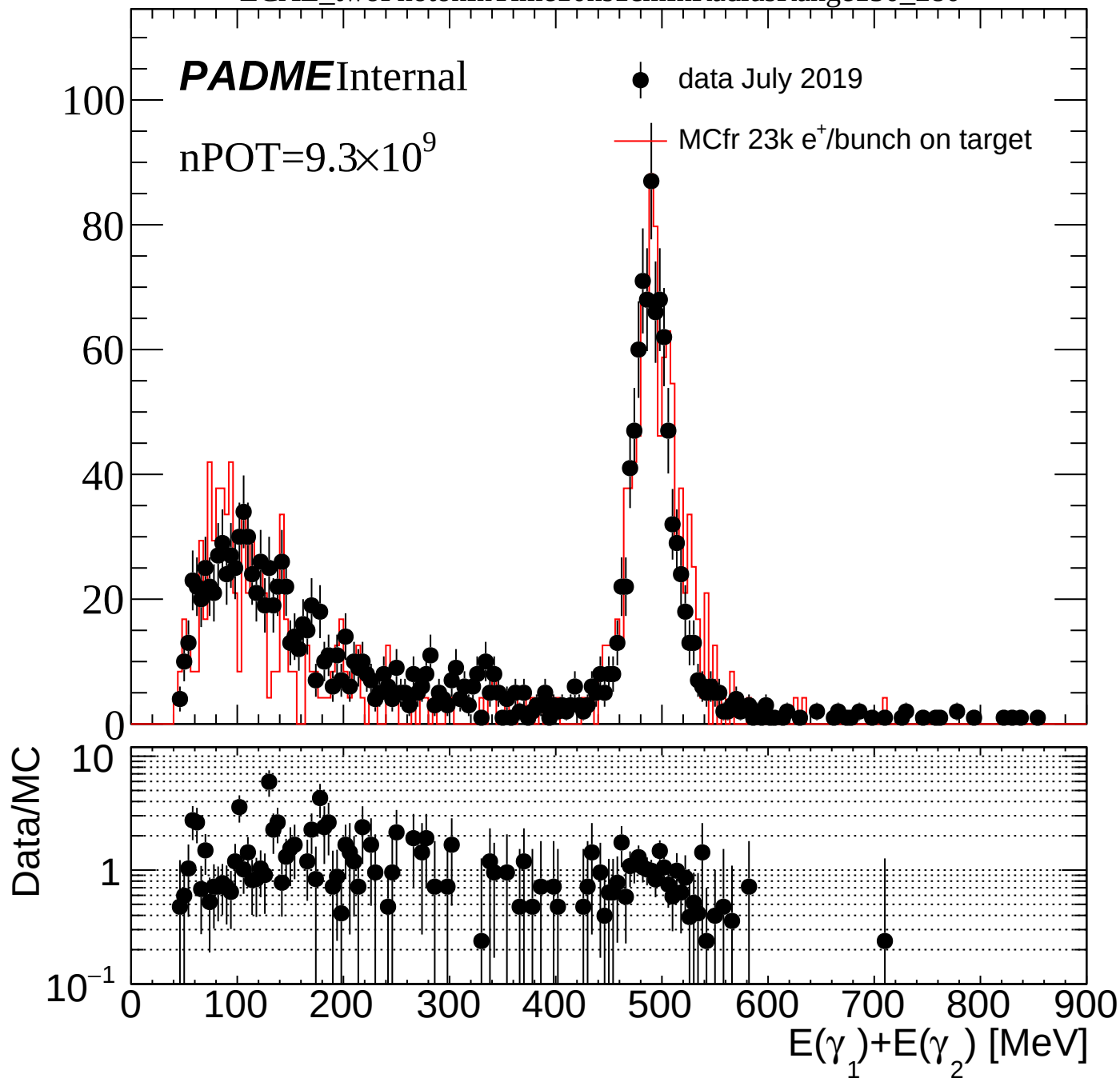


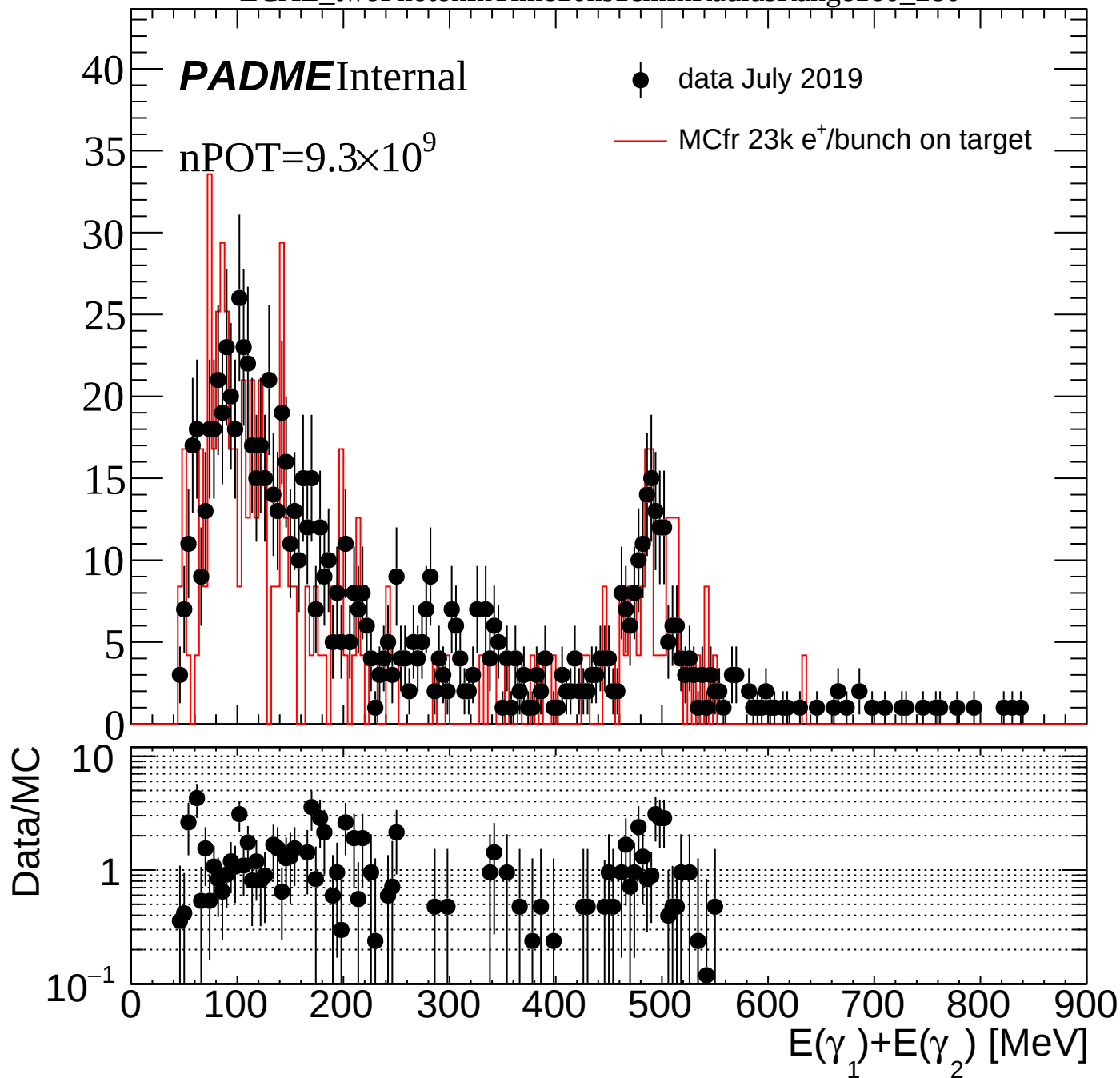


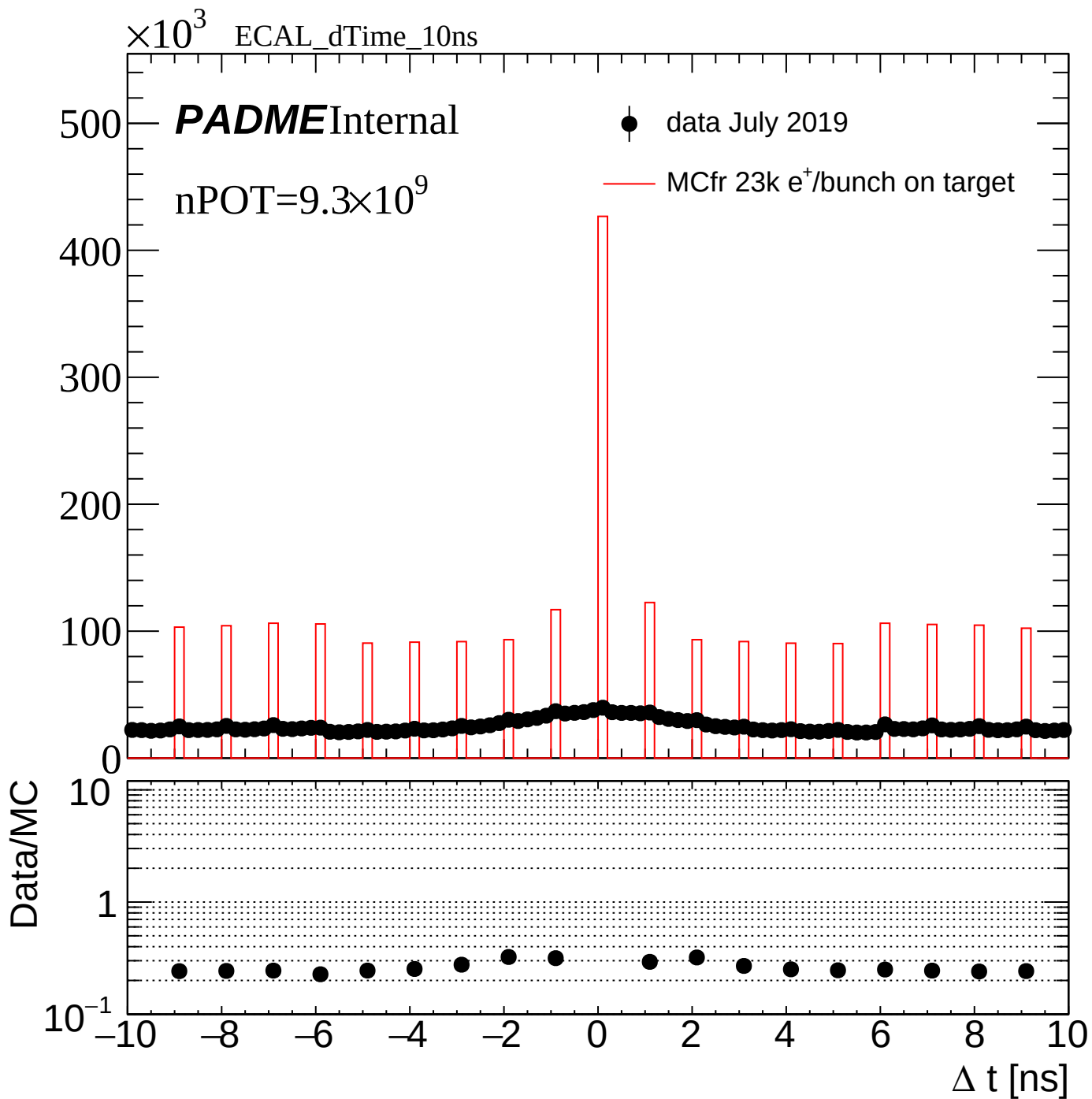


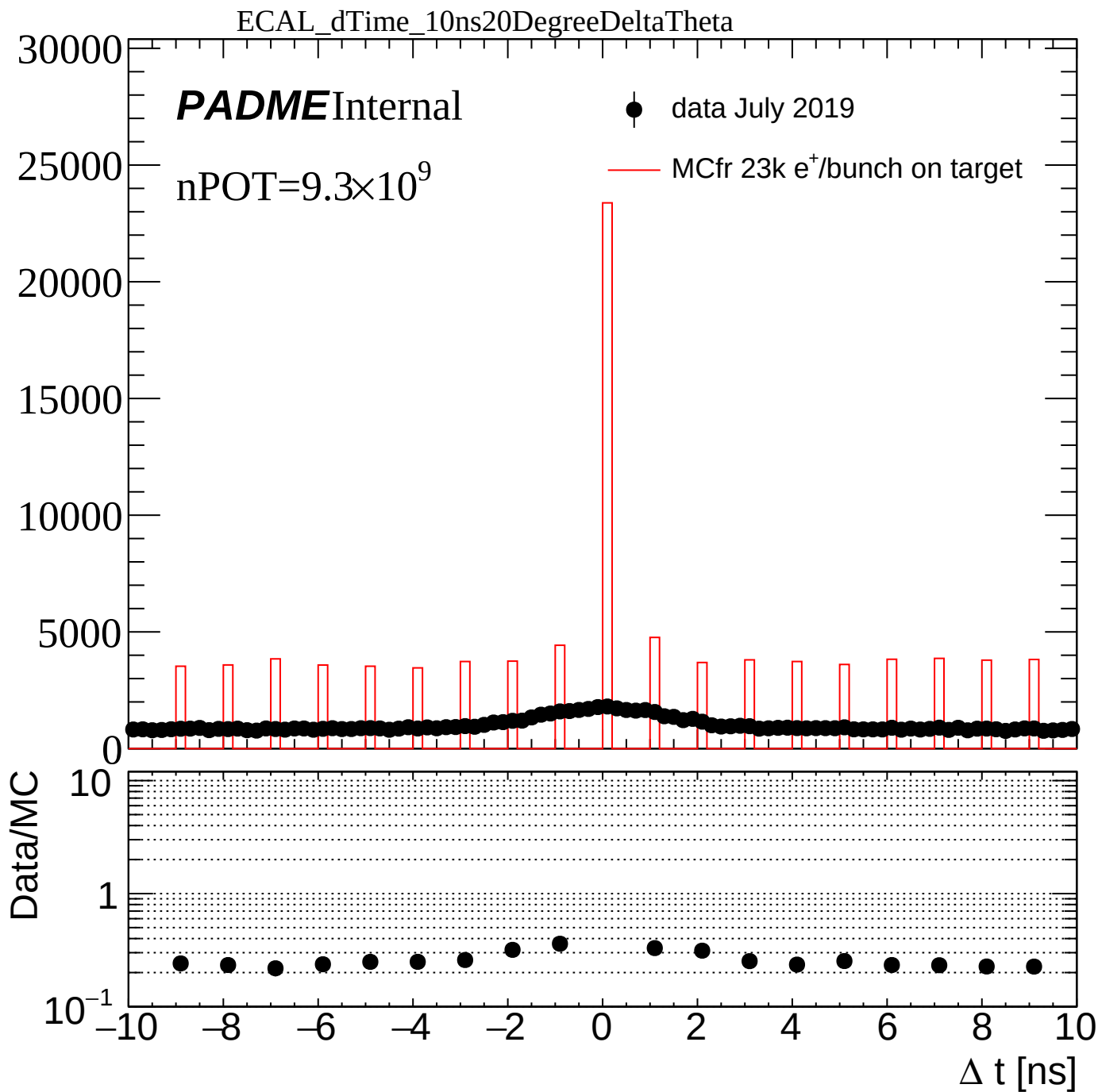




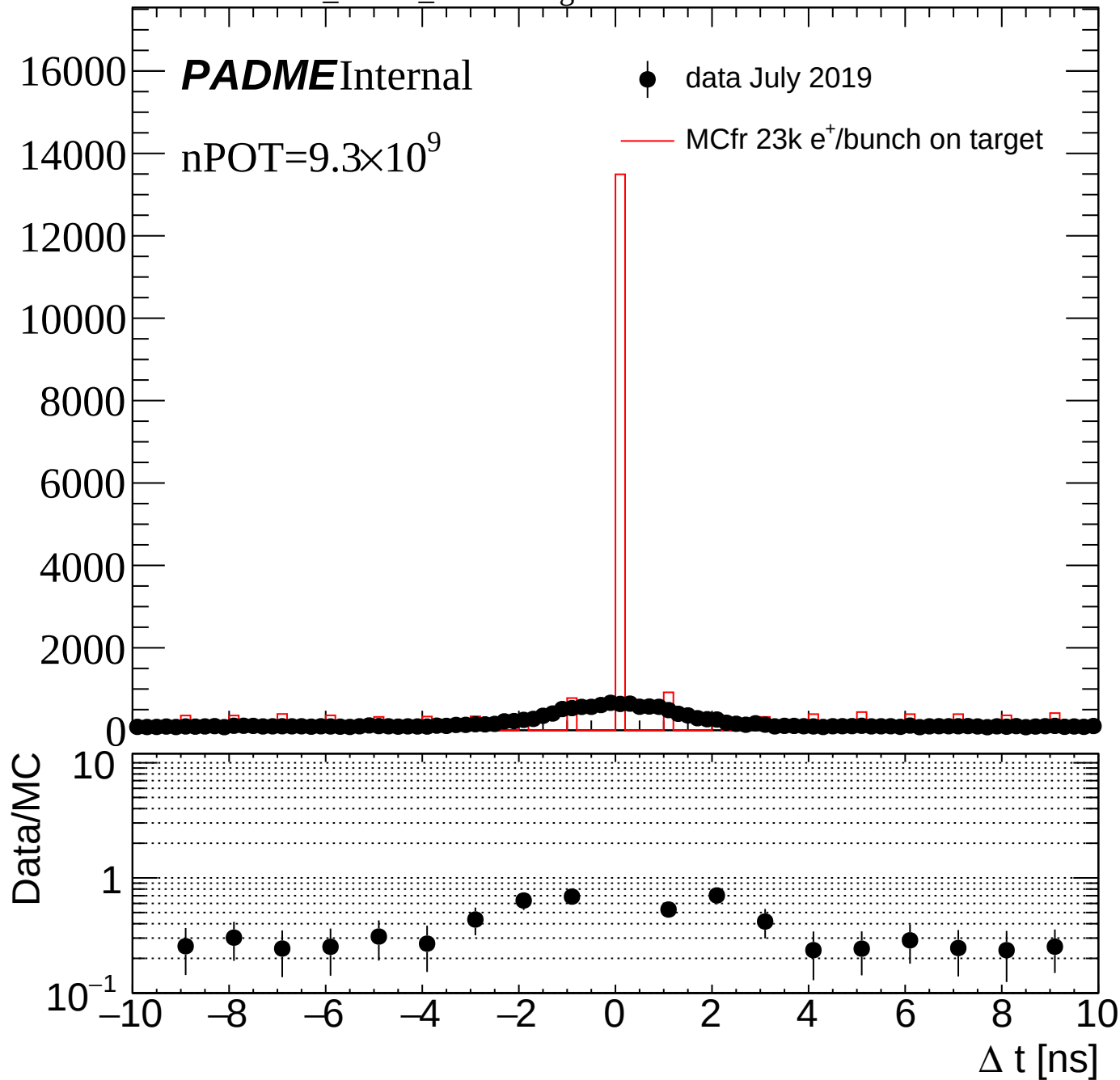




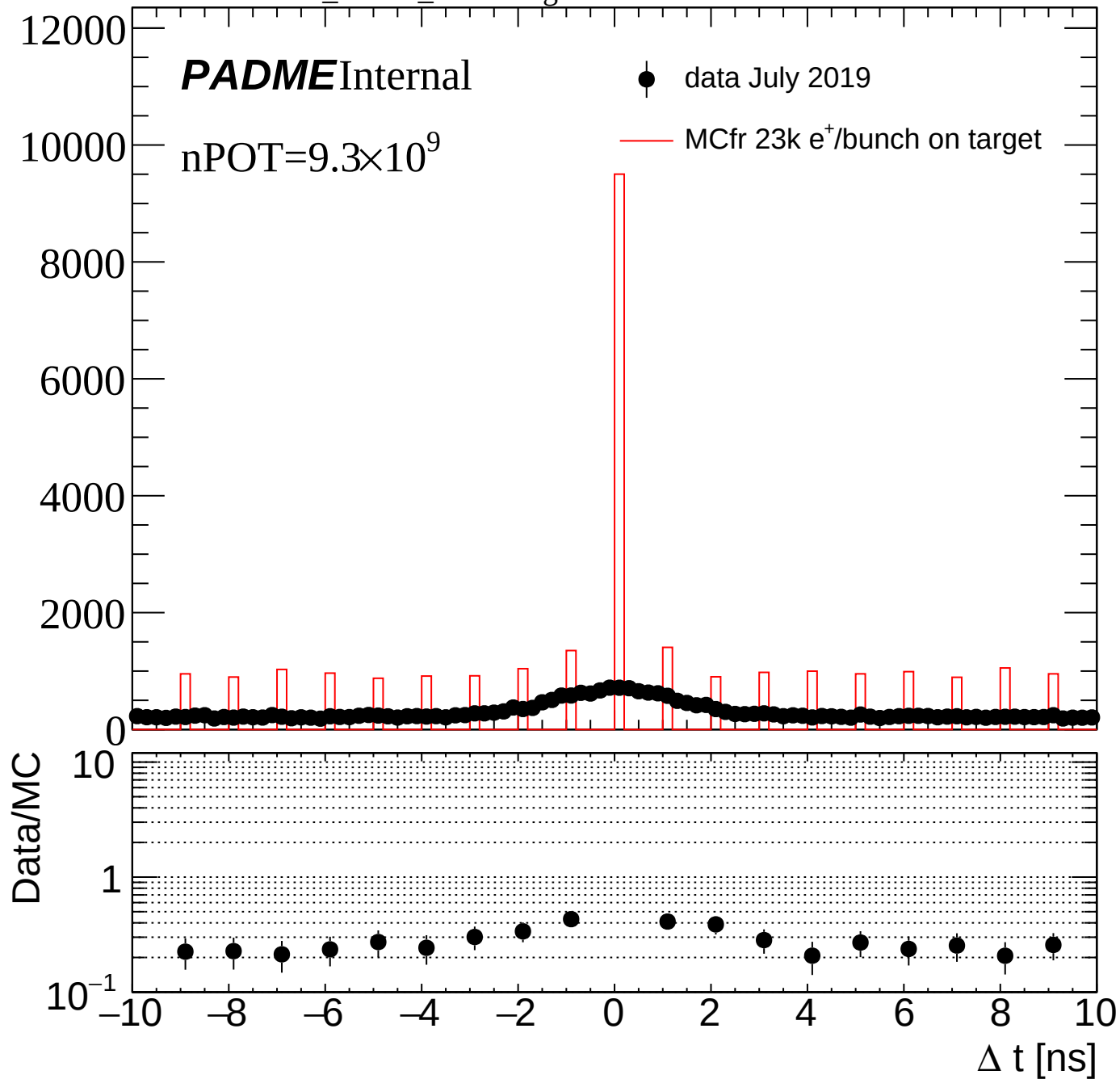




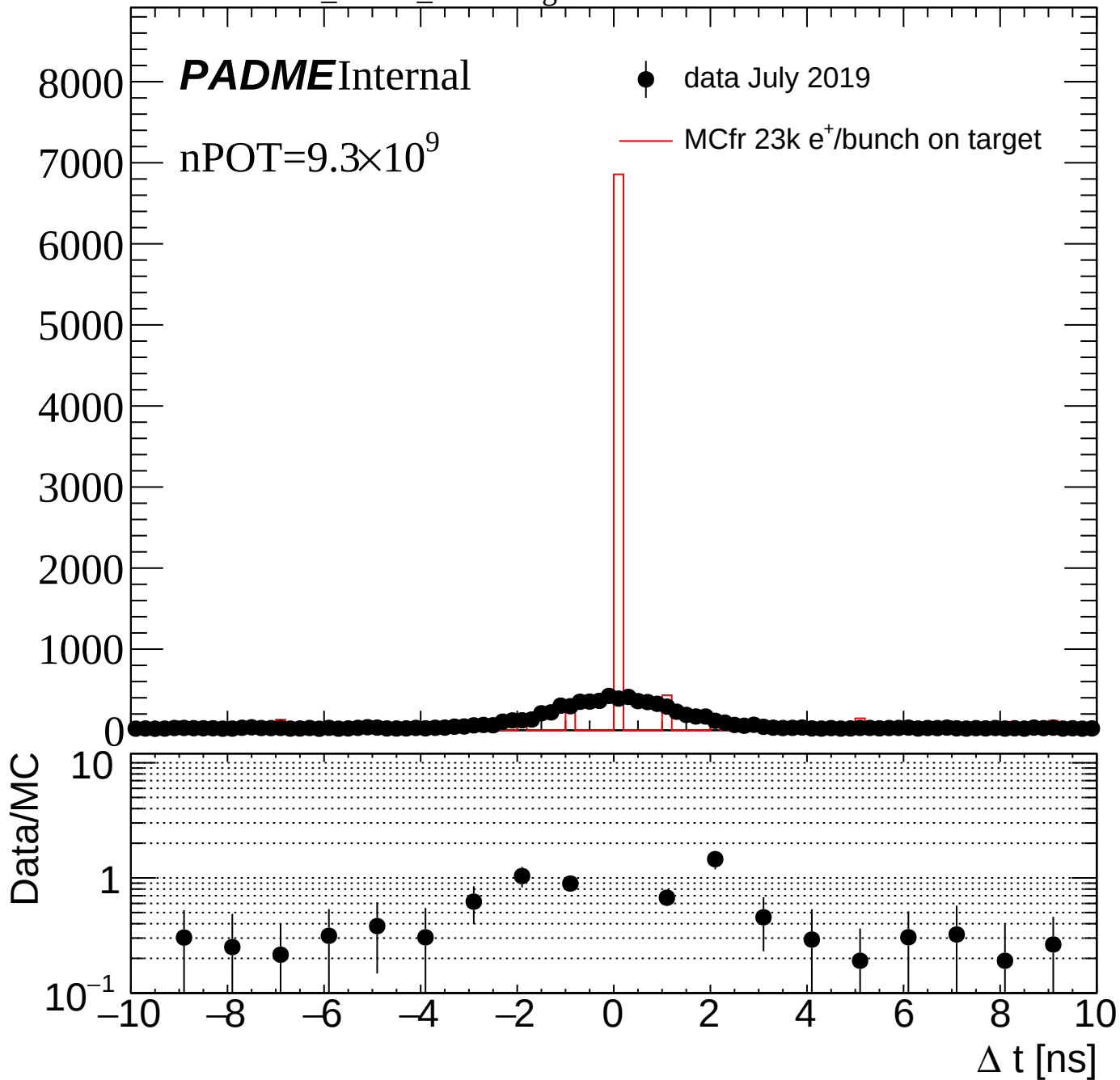
ECAL_dTime_10ns20DegreeDeltaThetaUnderPeakEThr90



ECAL_dTime_10ns5DegreeDeltaTheta



ECAL_dTime_10ns5DegreeDeltaThetaUnderPeakEThr90



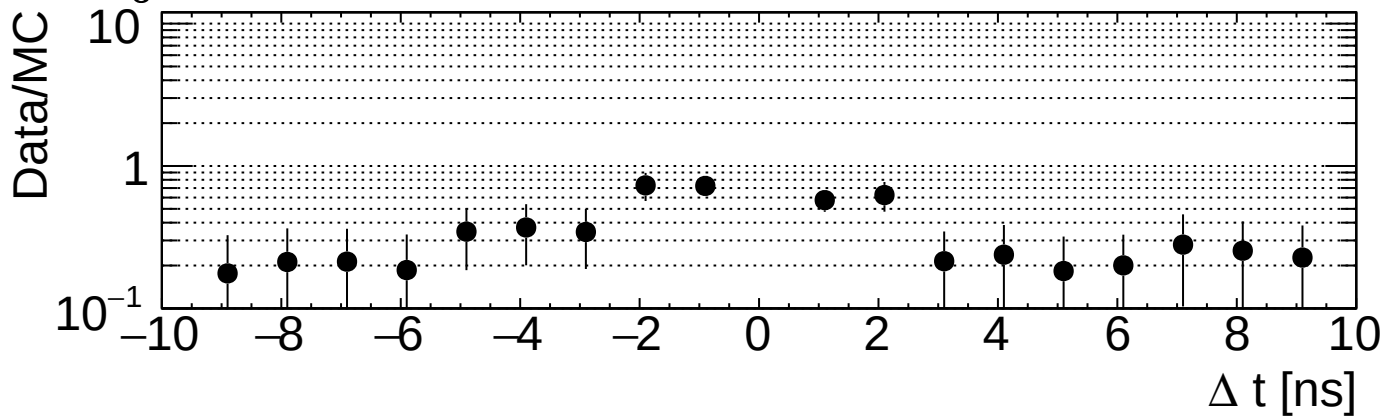
ECAL_dTime_10ns1CoG

PADMEInternal

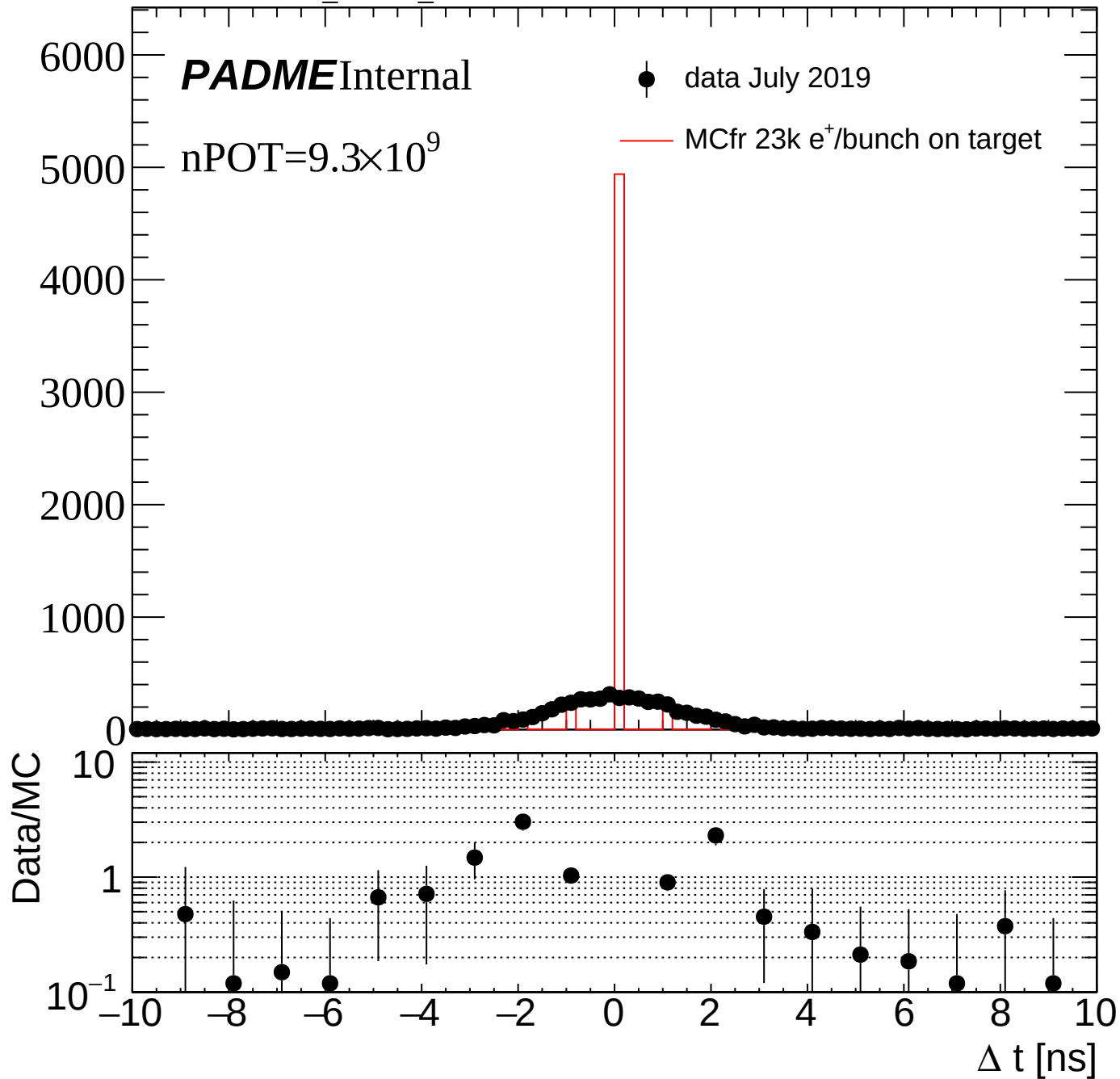
nPOT= 9.3×10^9

● data July 2019

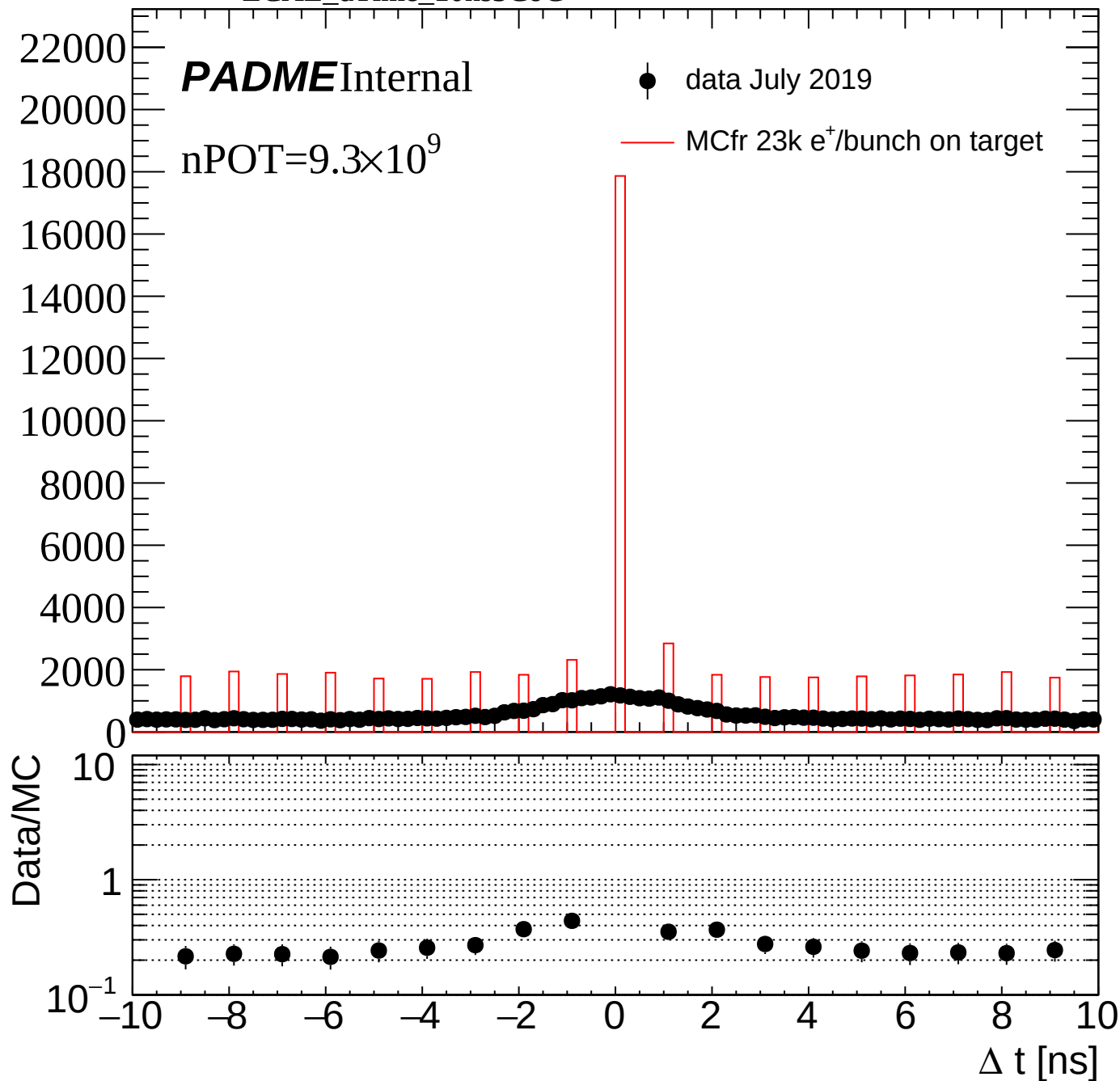
— MCfr 23k e⁺/bunch on target



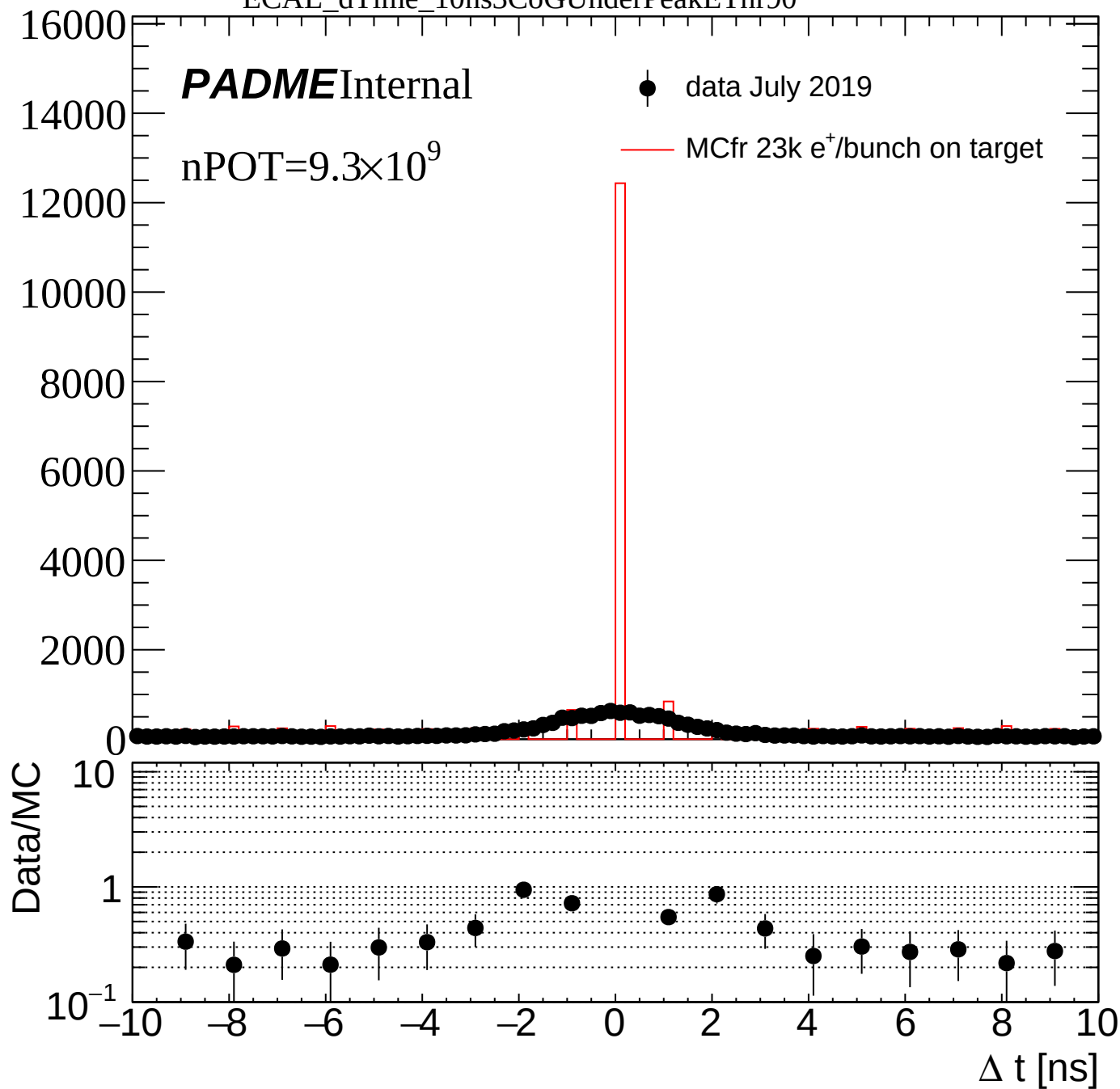
ECAL_dTime_10ns1CoGUnderPeakEThr90

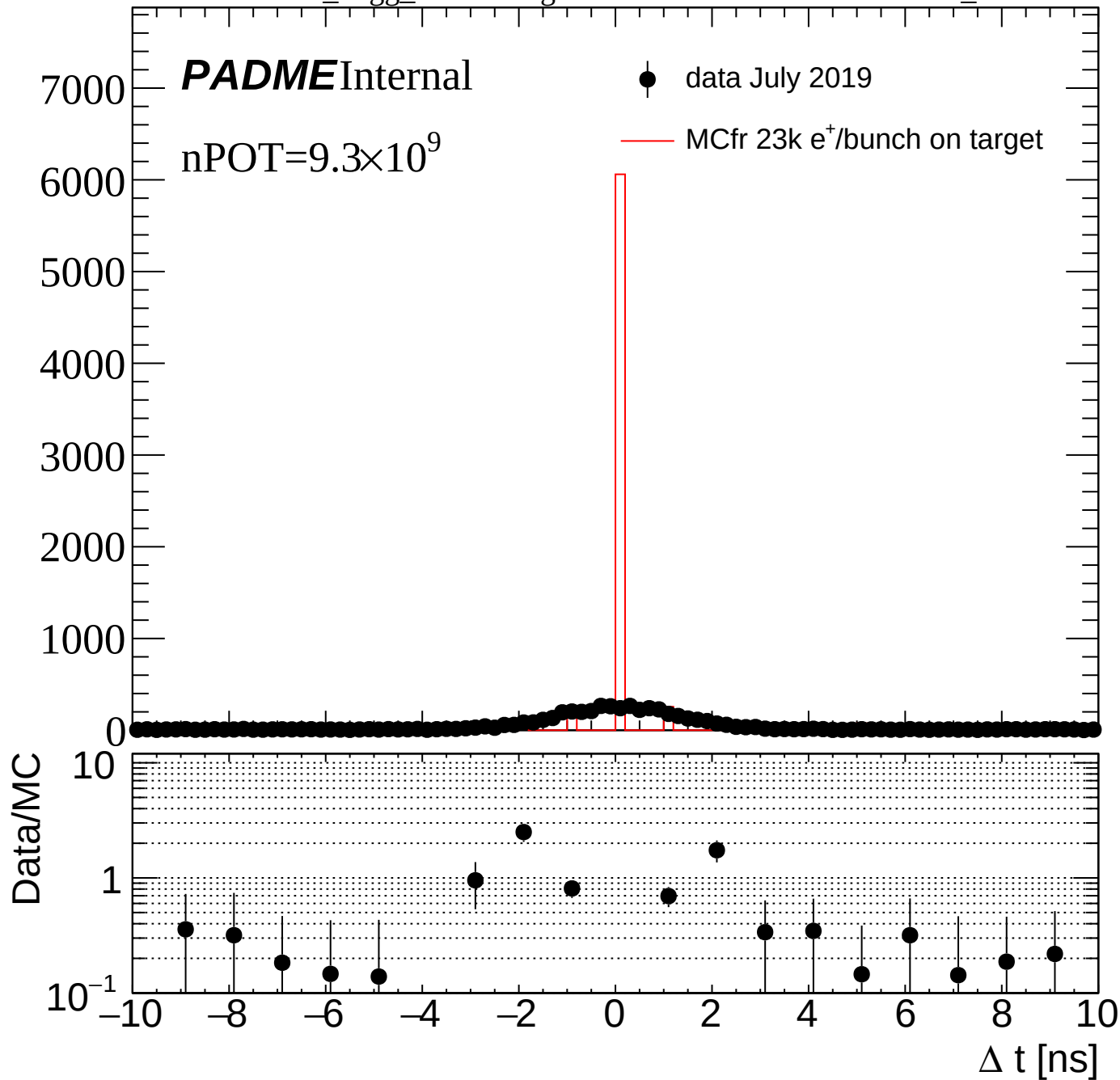


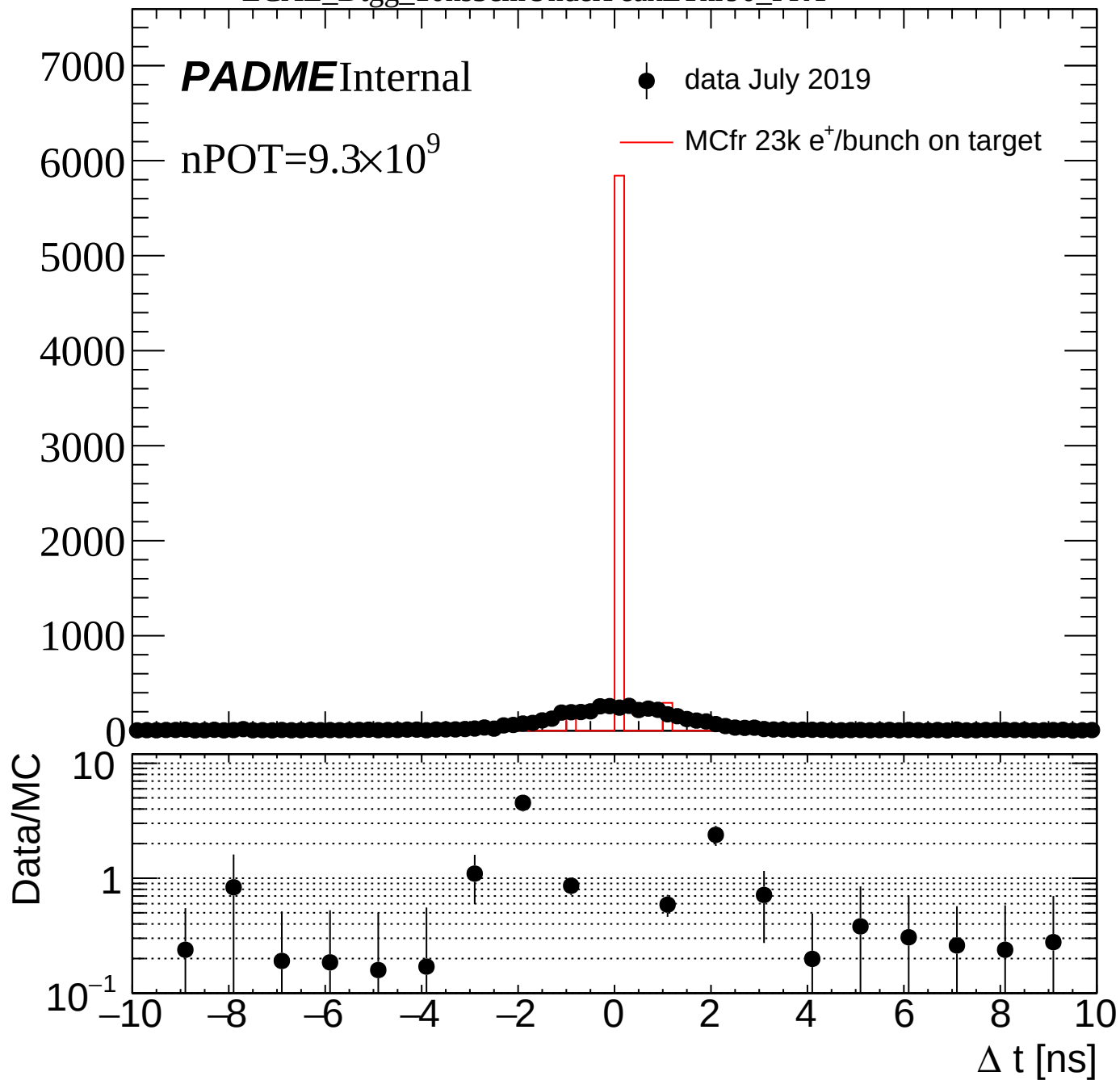
ECAL_dTime_10ns3CoG



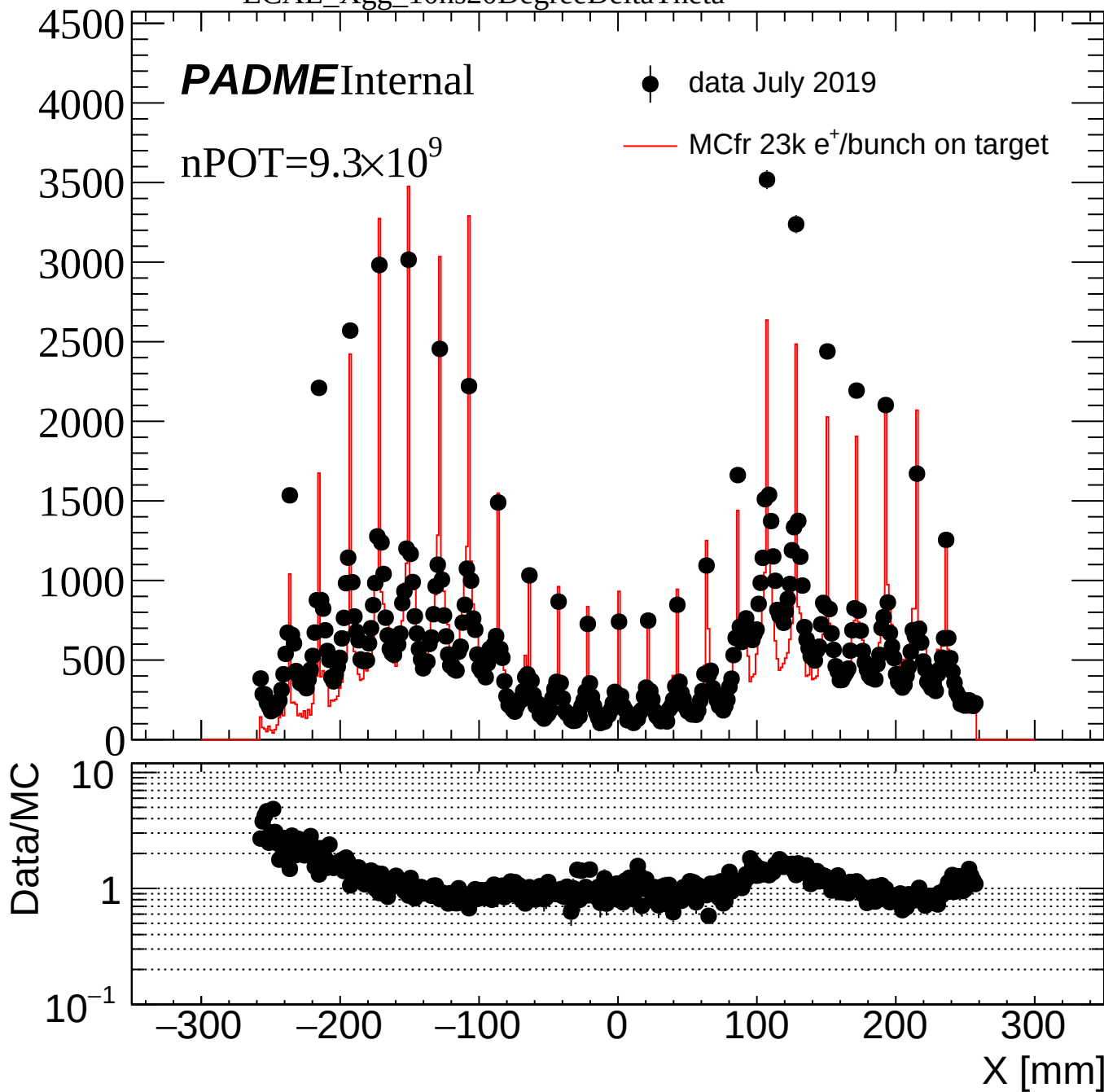
ECAL_dTime_10ns3CoGUnderPeakEThr90



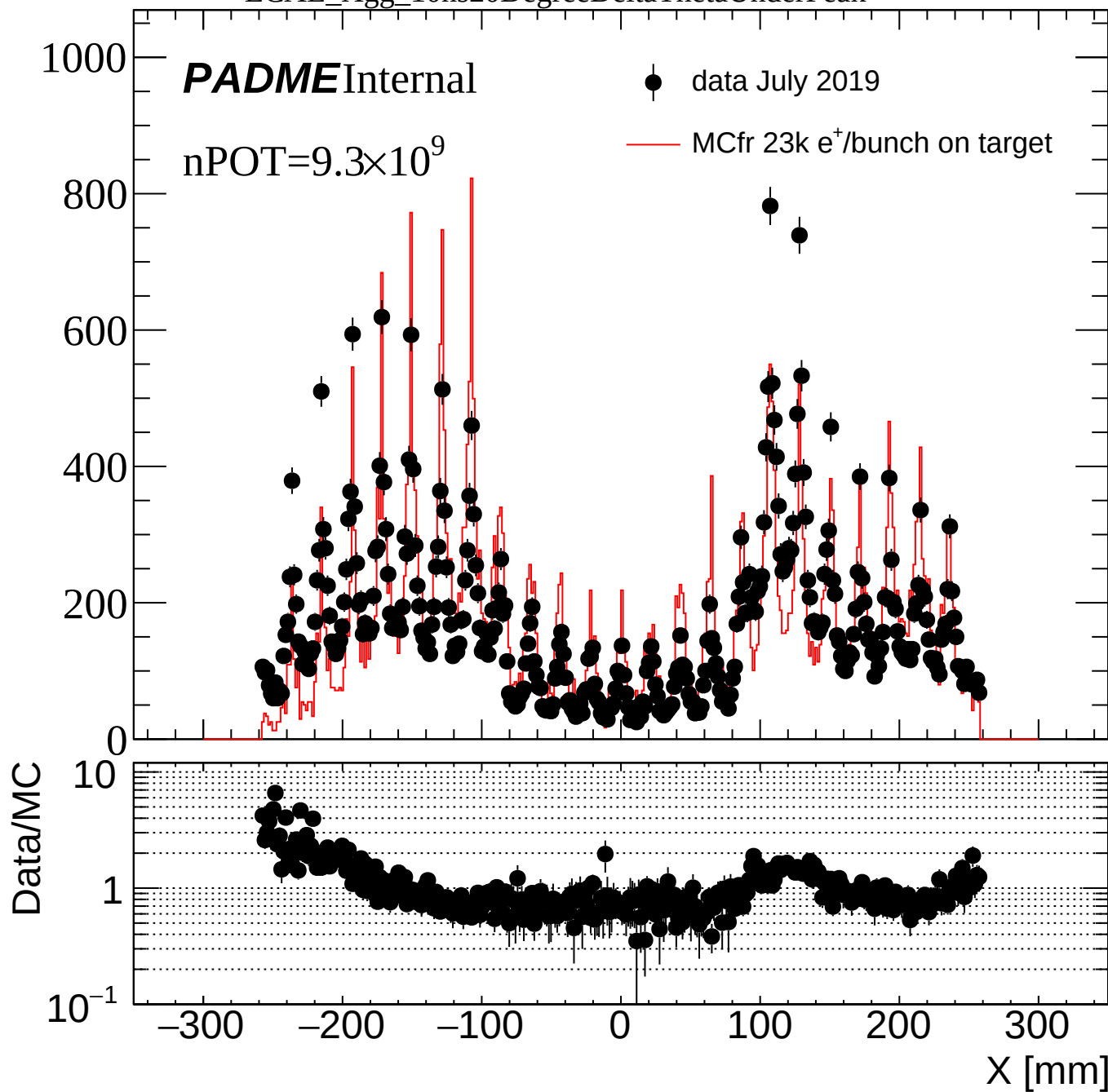




ECAL_Xgg_10ns20DegreeDeltaTheta



ECAL_Xgg_10ns20DegreeDeltaThetaUnderPeak



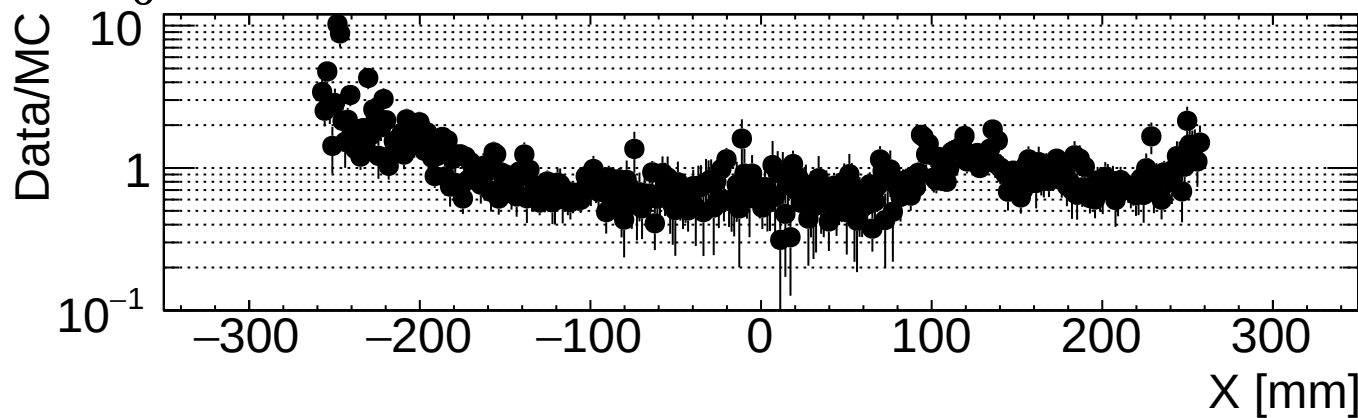
ECAL_Xgg_10ns20DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

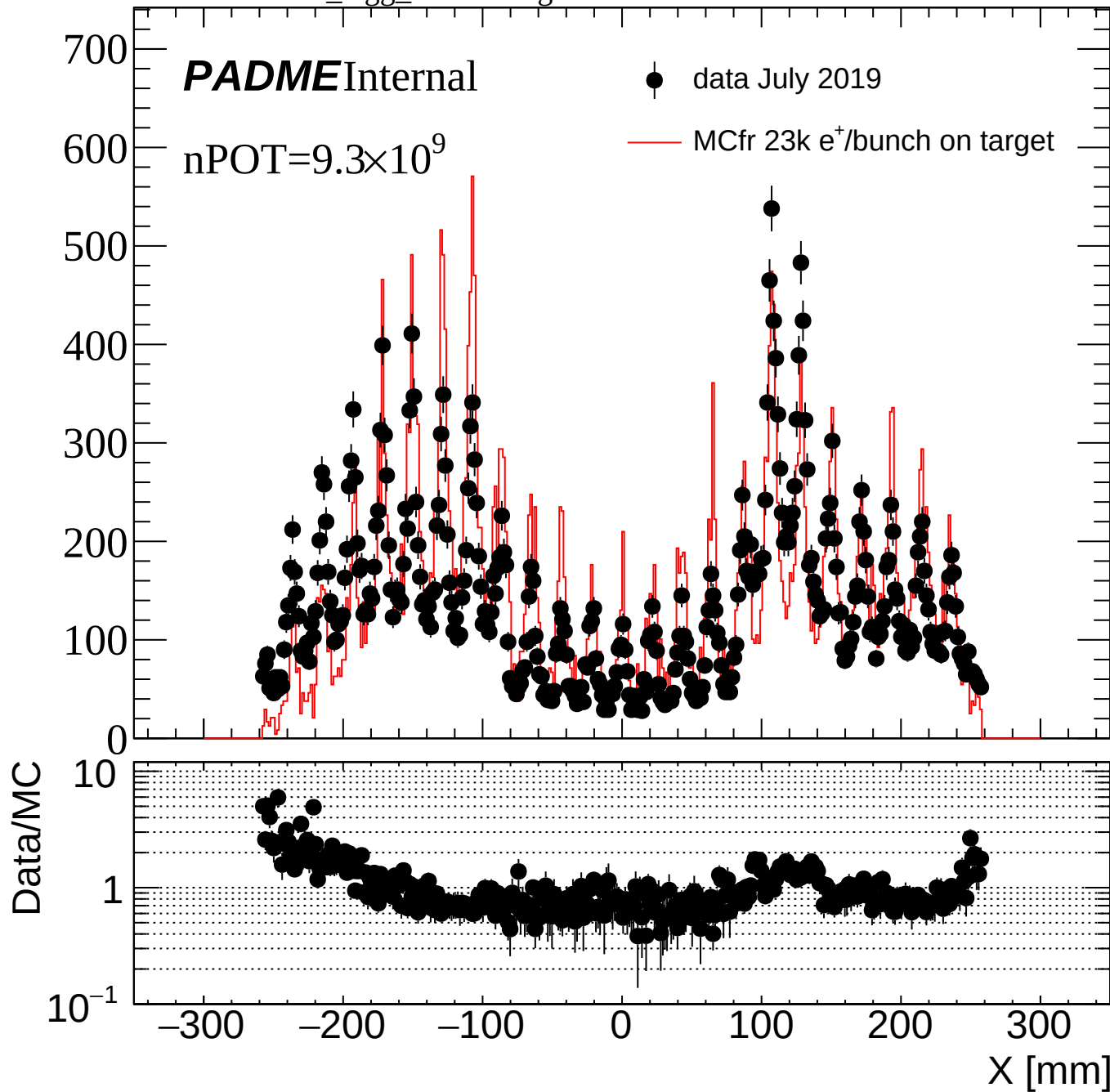
nPOT= 9.3×10^9

● data July 2019

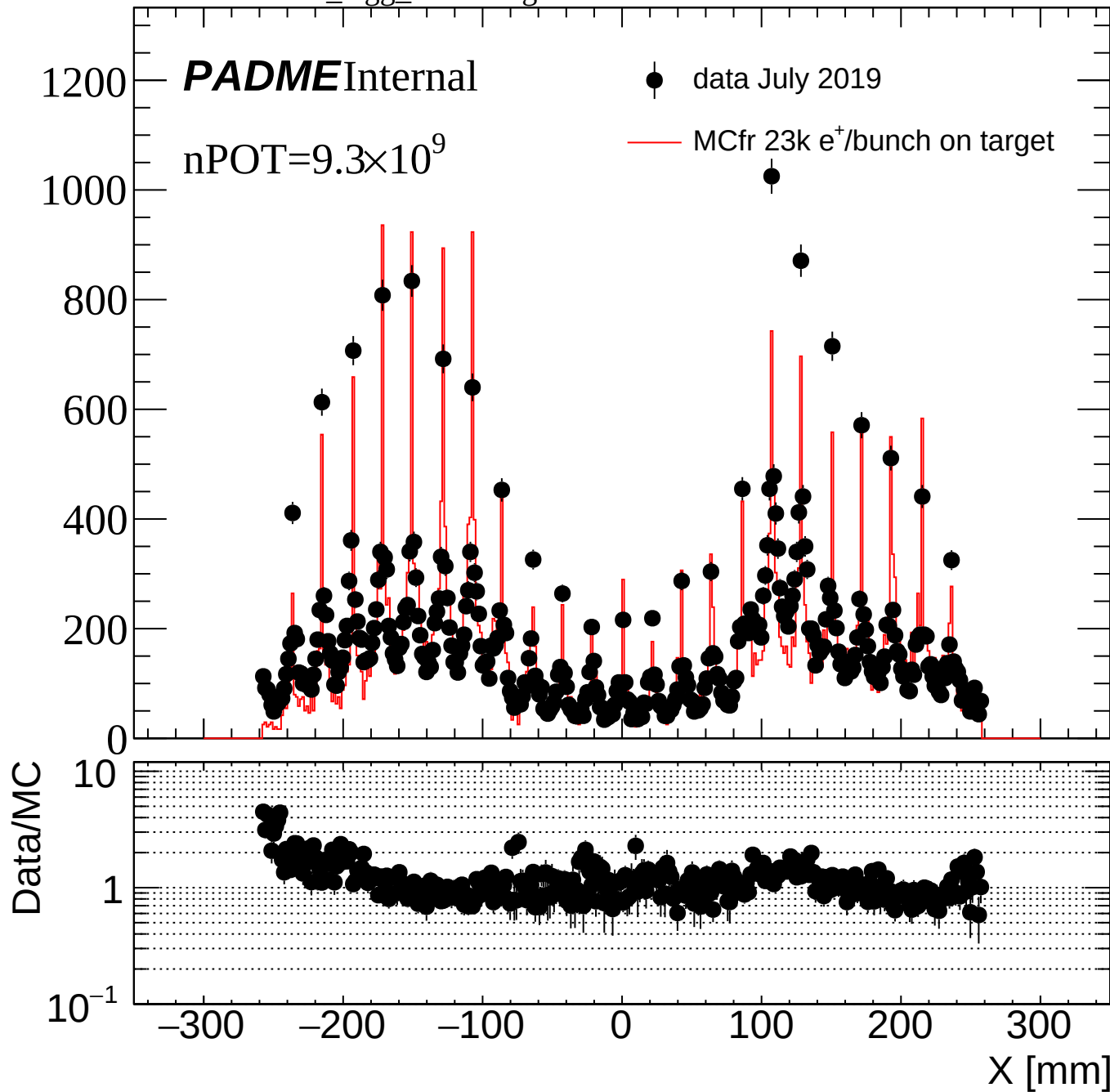
— MCfr 23k e⁺/bunch on target



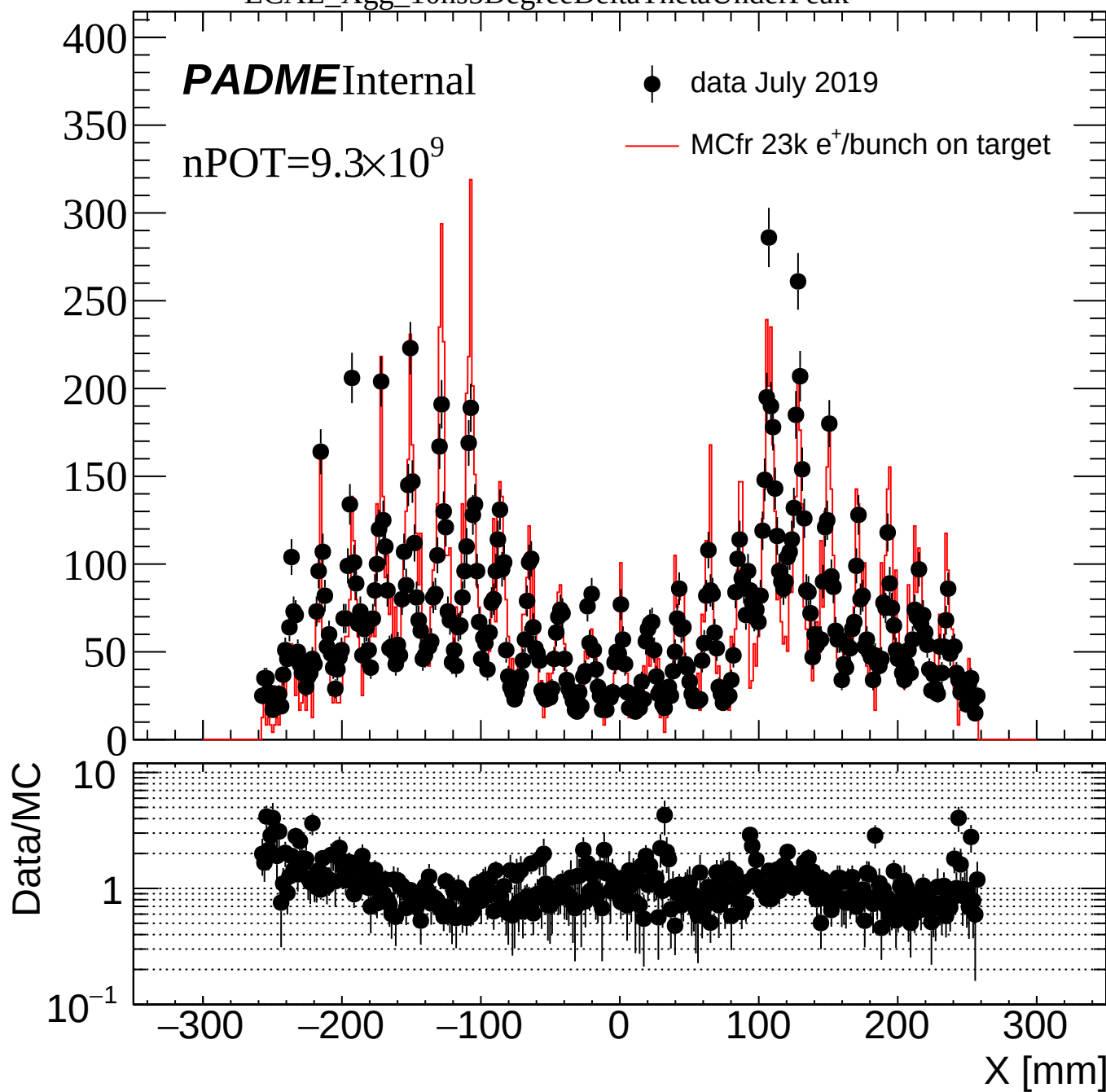
ECAL_Xgg_10ns20DegreeDeltaThetaEThr90



ECAL_Xgg_10ns5DegreeDeltaTheta



ECAL_Xgg_10ns5DegreeDeltaThetaUnderPeak



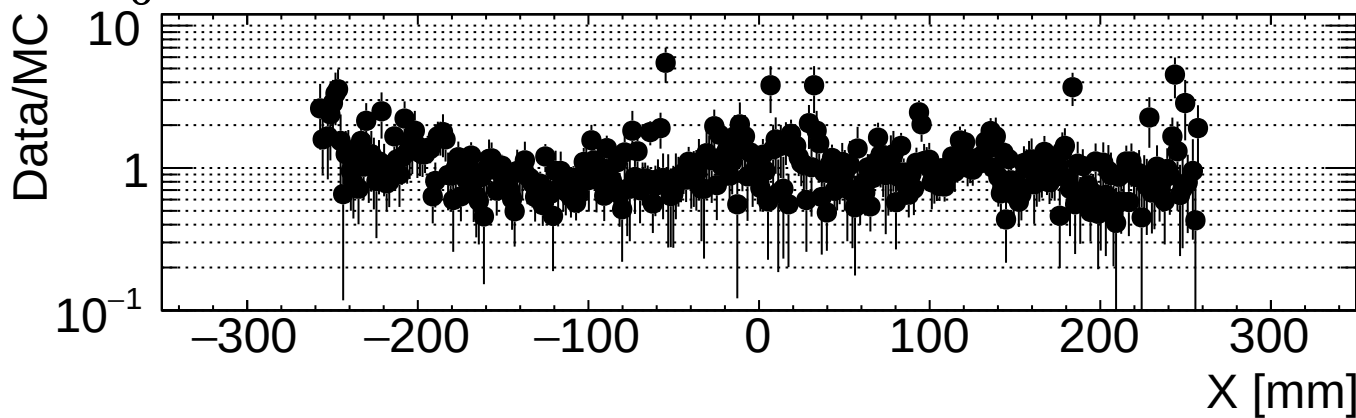
ECAL_Xgg_10ns5DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

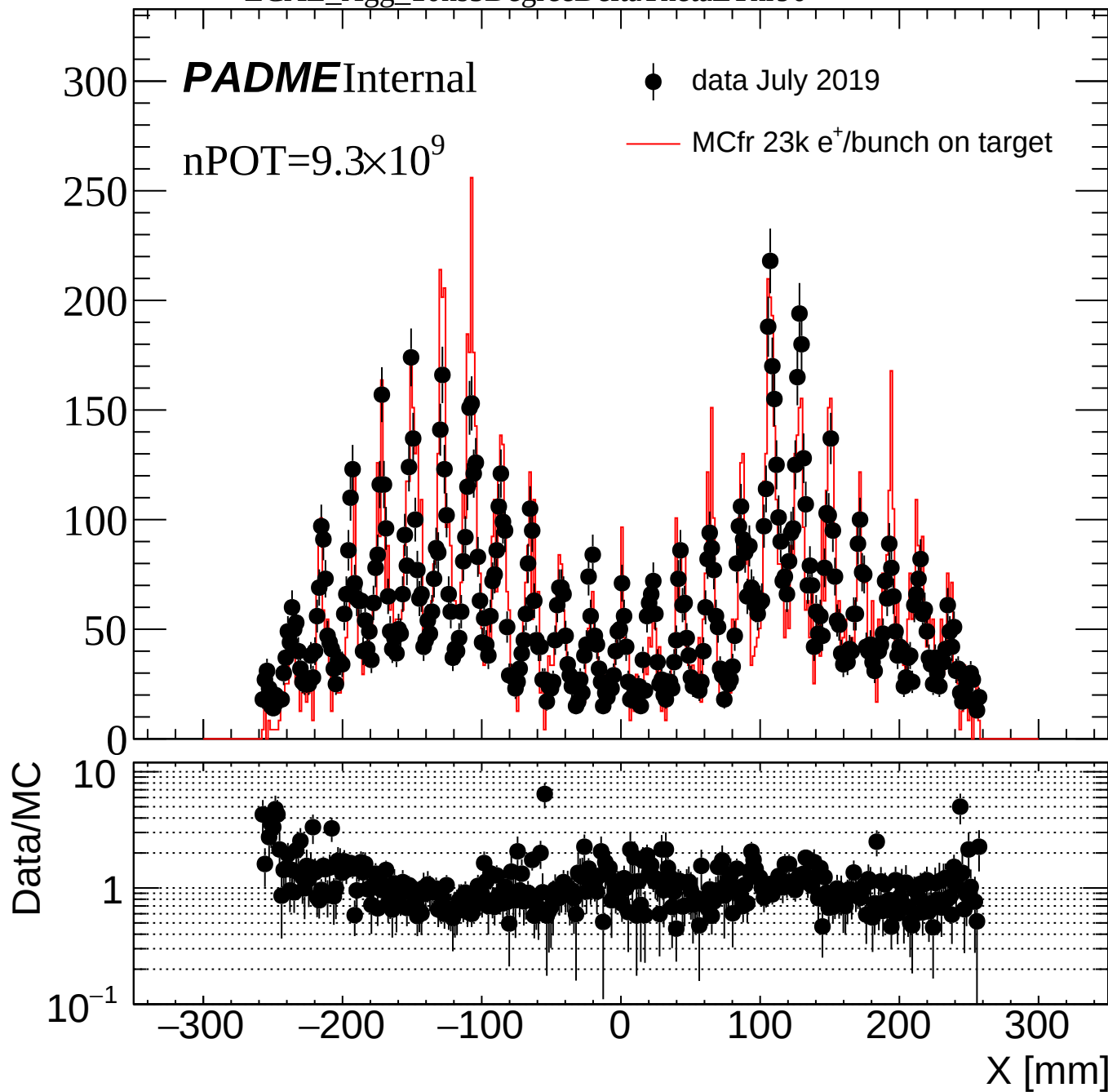
$n\text{POT}=9.3\times 10^9$

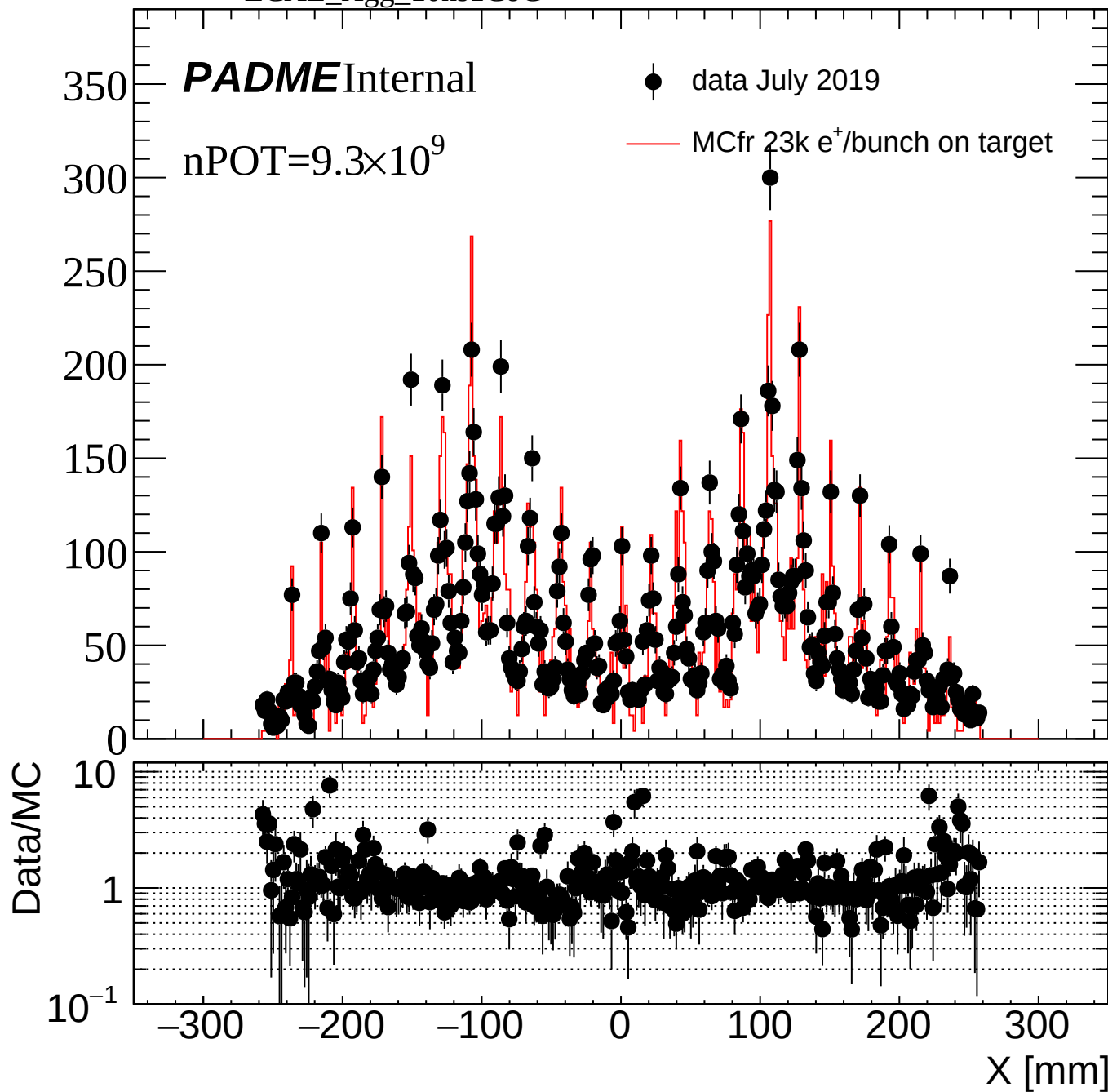
● data July 2019

— MCfr 23k e⁺/bunch on target

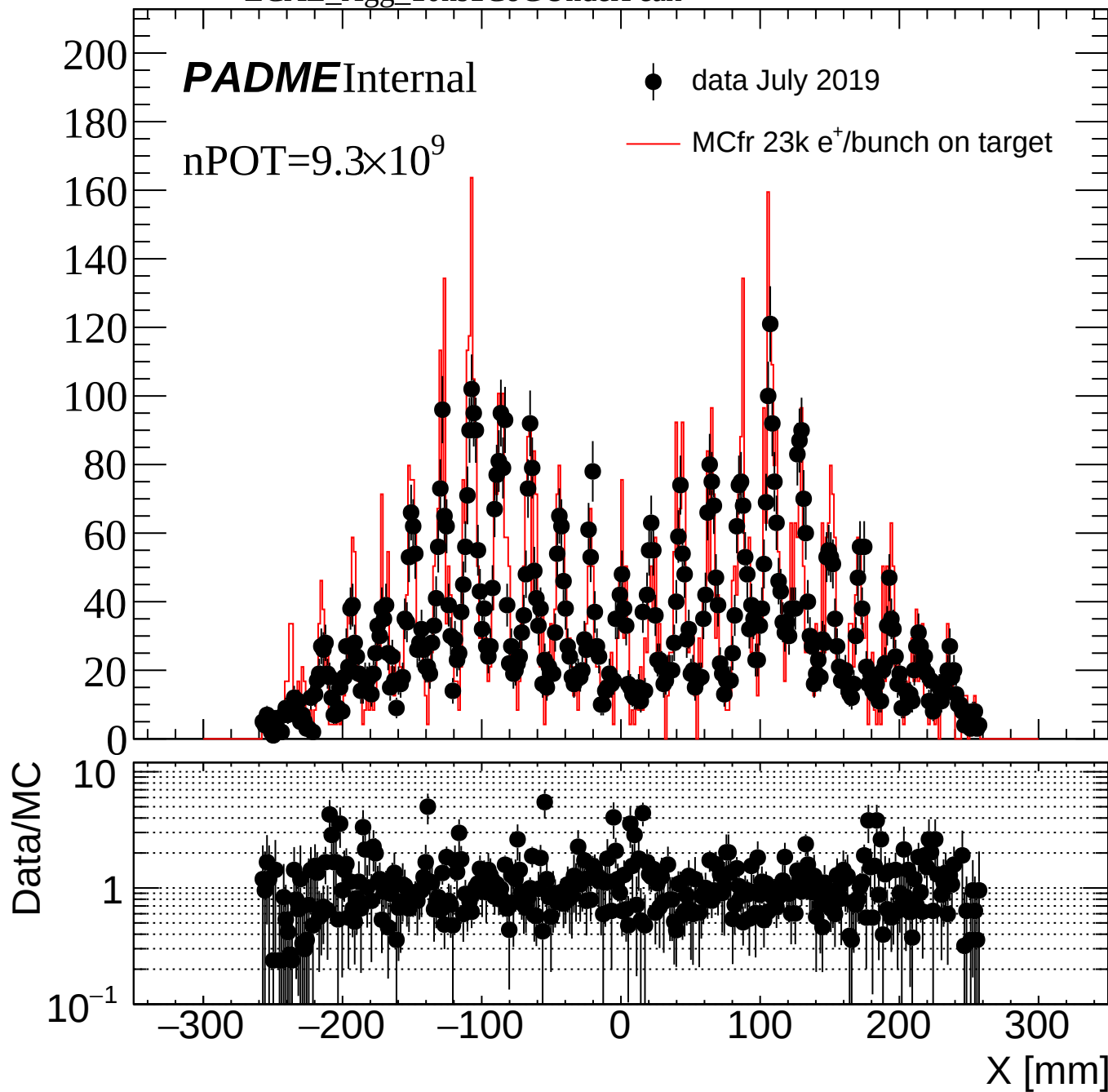


ECAL_Xgg_10ns5DegreeDeltaThetaEThr90

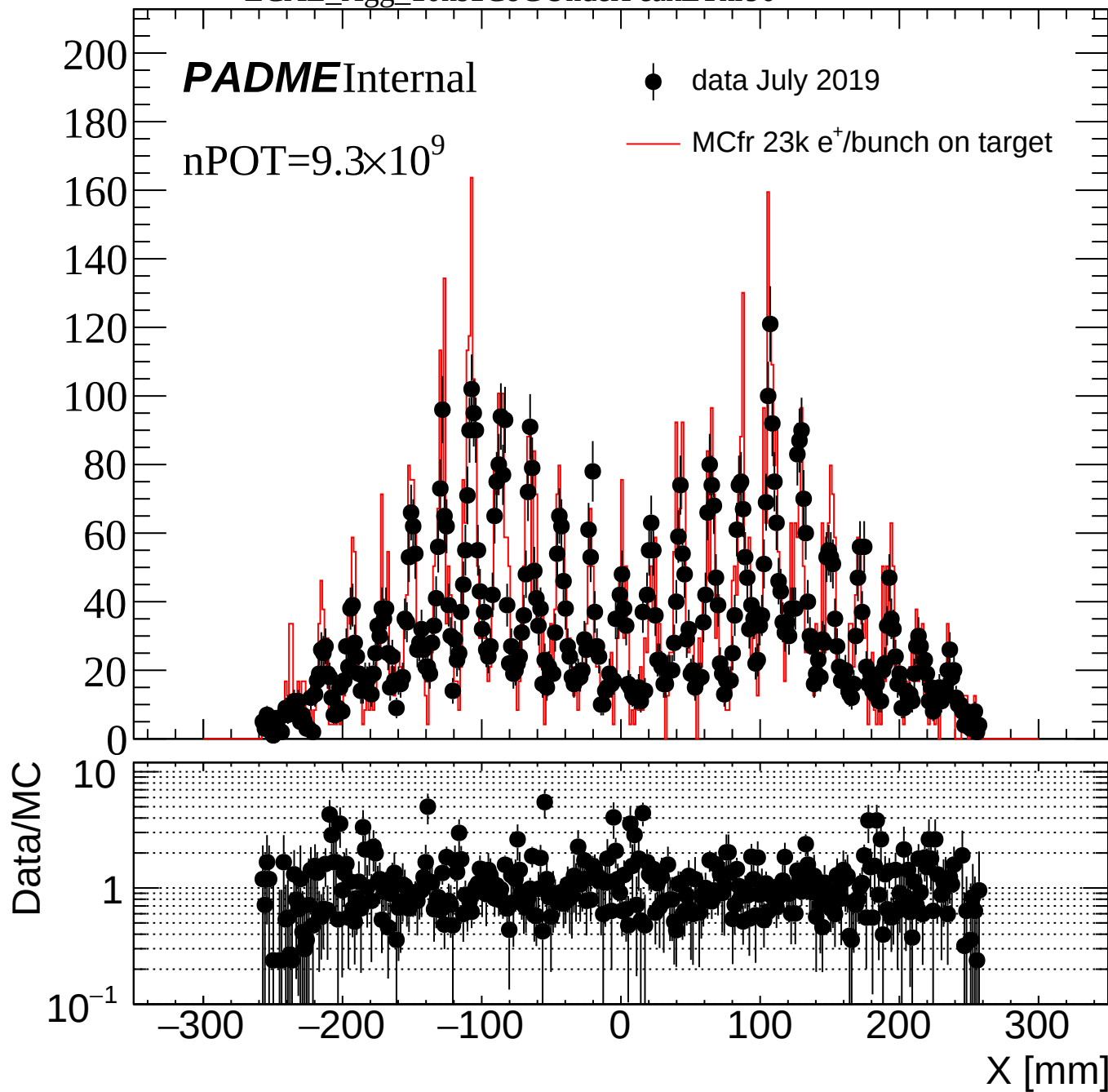




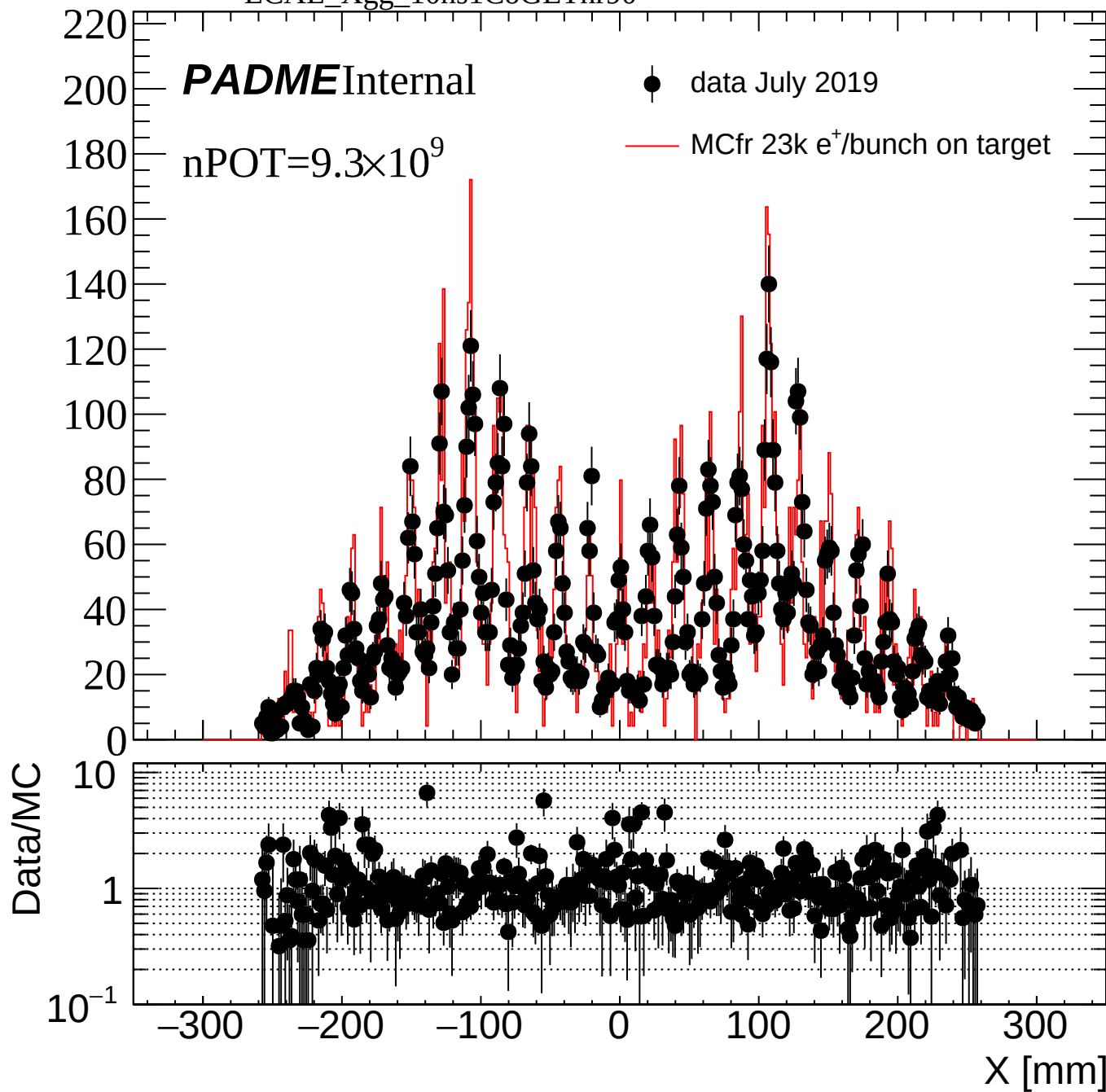
ECAL_Xgg_10ns1CoGUnderPeak



ECAL_Xgg_10ns1CoGUnderPeakEThr90



ECAL_Xgg_10ns1CoGEThr90



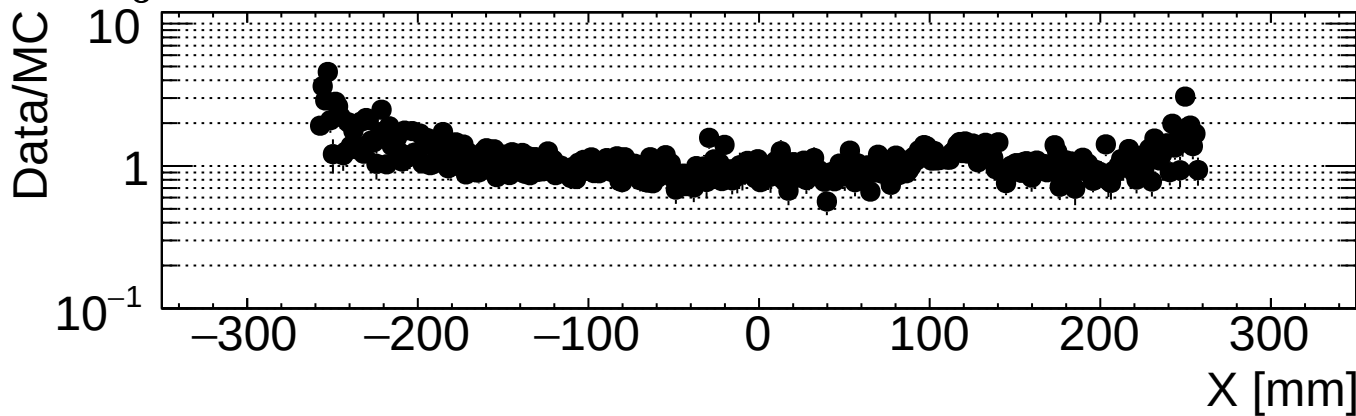
ECAL_Xgg_10ns3CoG

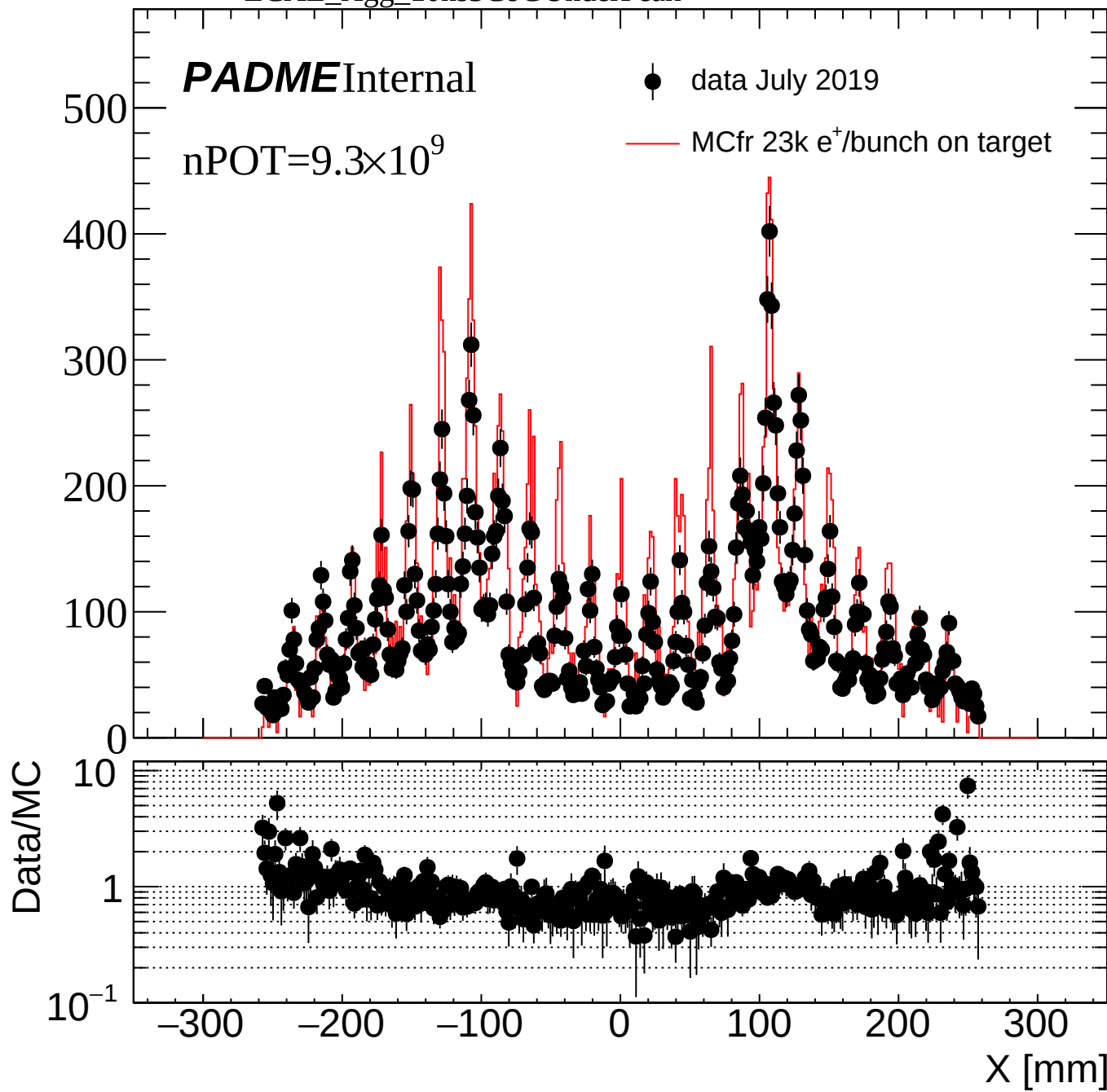
PADMEInternal

nPOT= 9.3×10^9

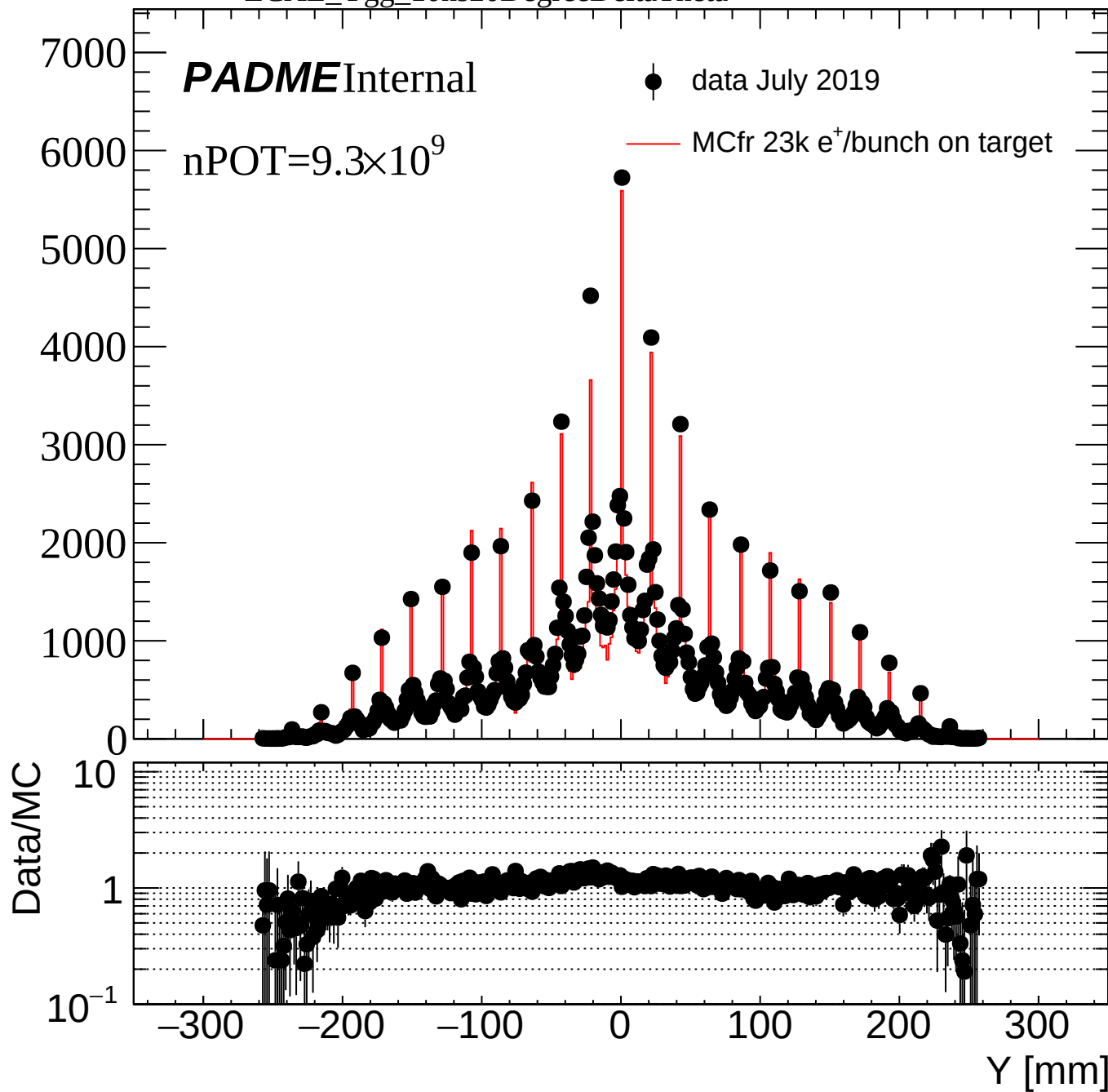
● data July 2019

— MCfr 23k e⁺/bunch on target

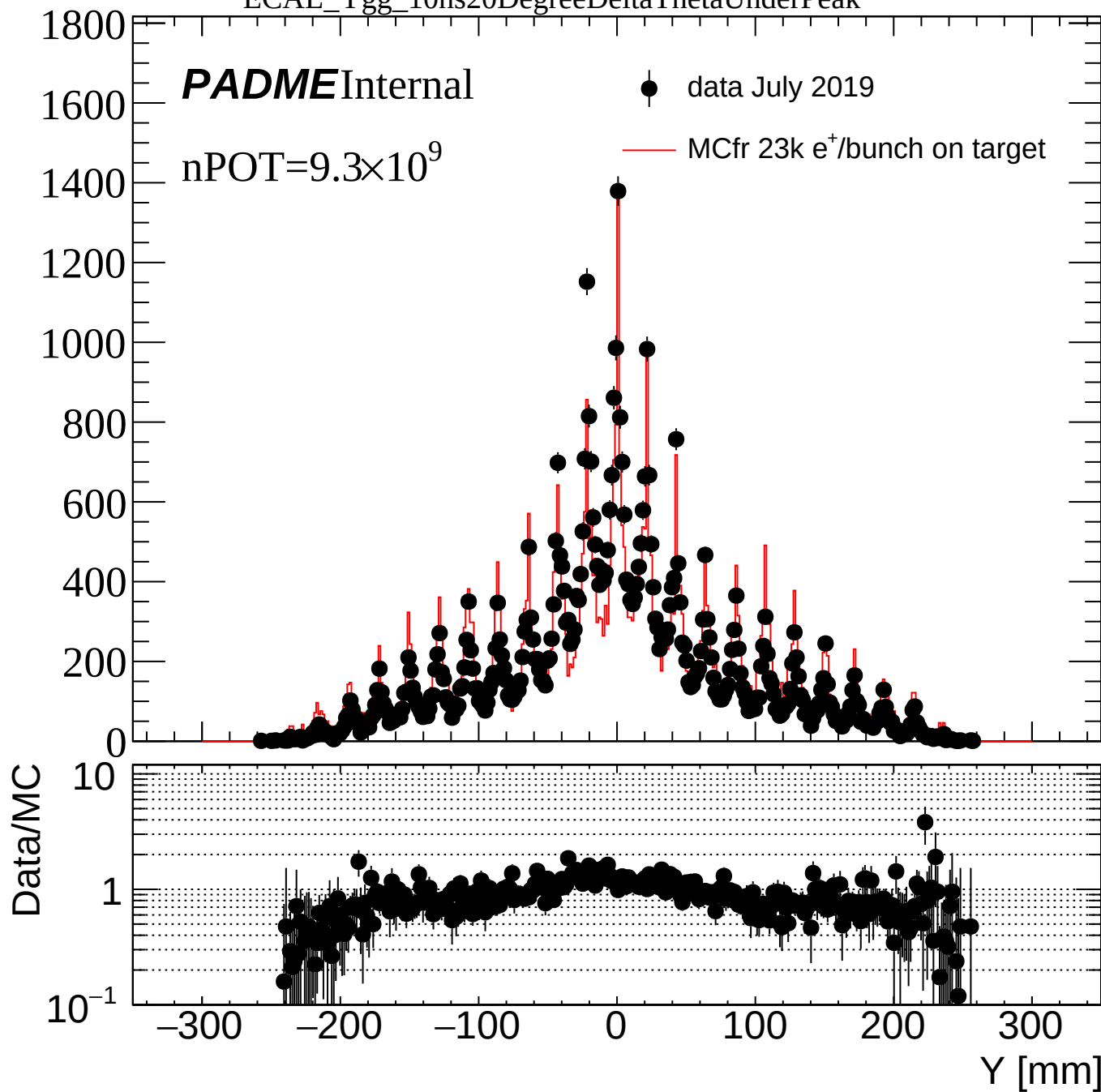




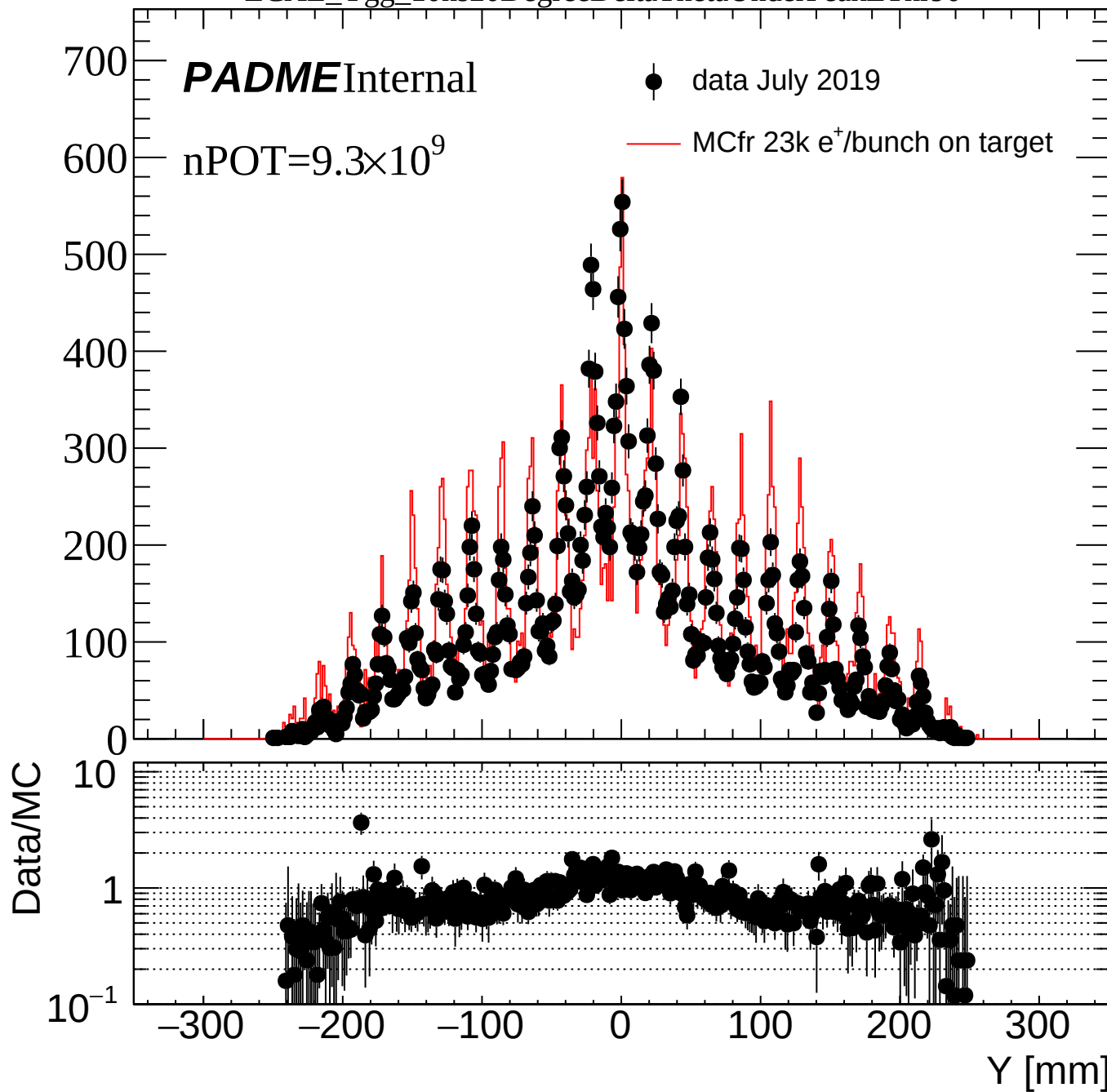
ECAL_Ygg_10ns20DegreeDeltaTheta



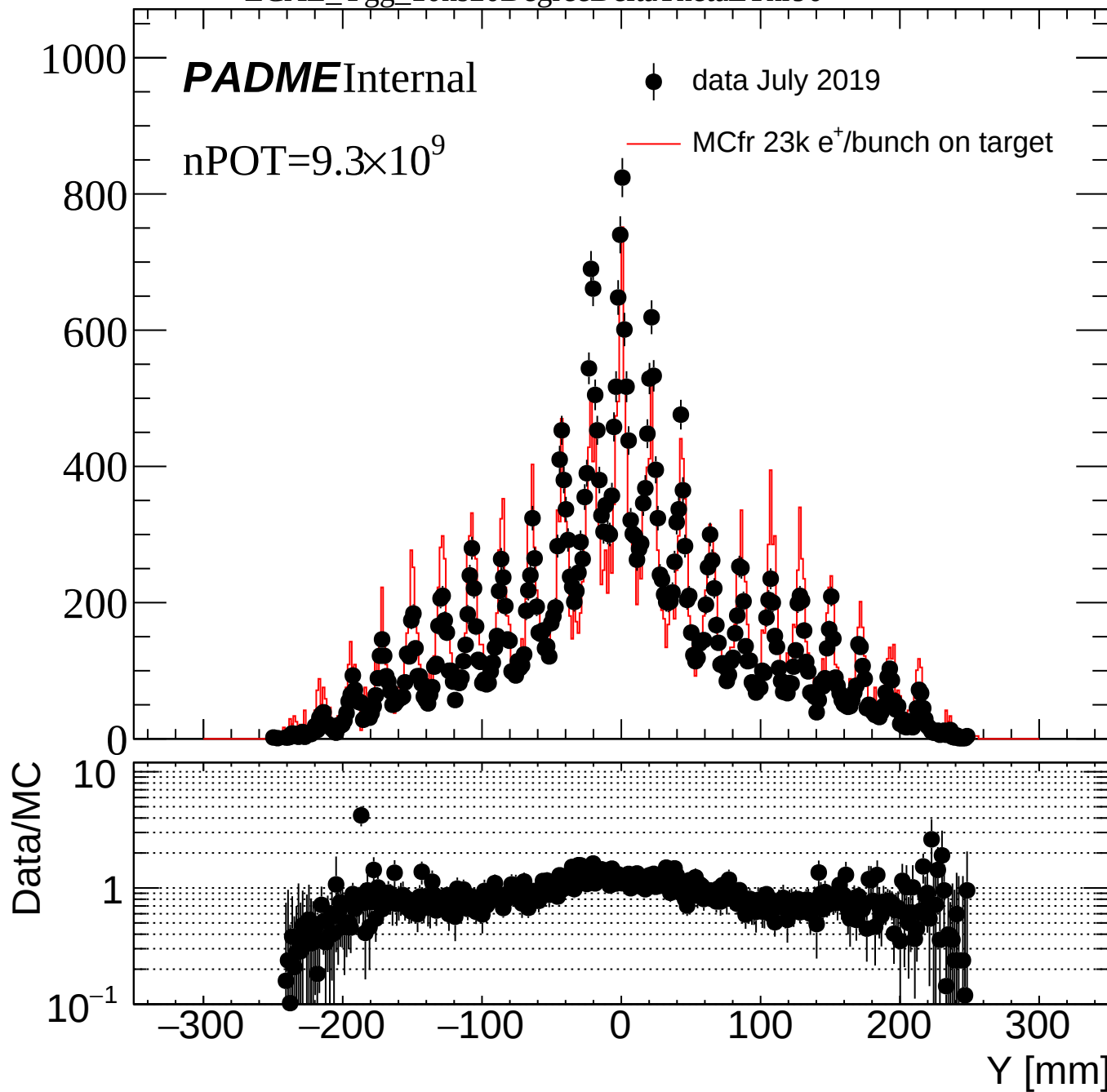
ECAL_Ygg_10ns20DegreeDeltaThetaUnderPeak



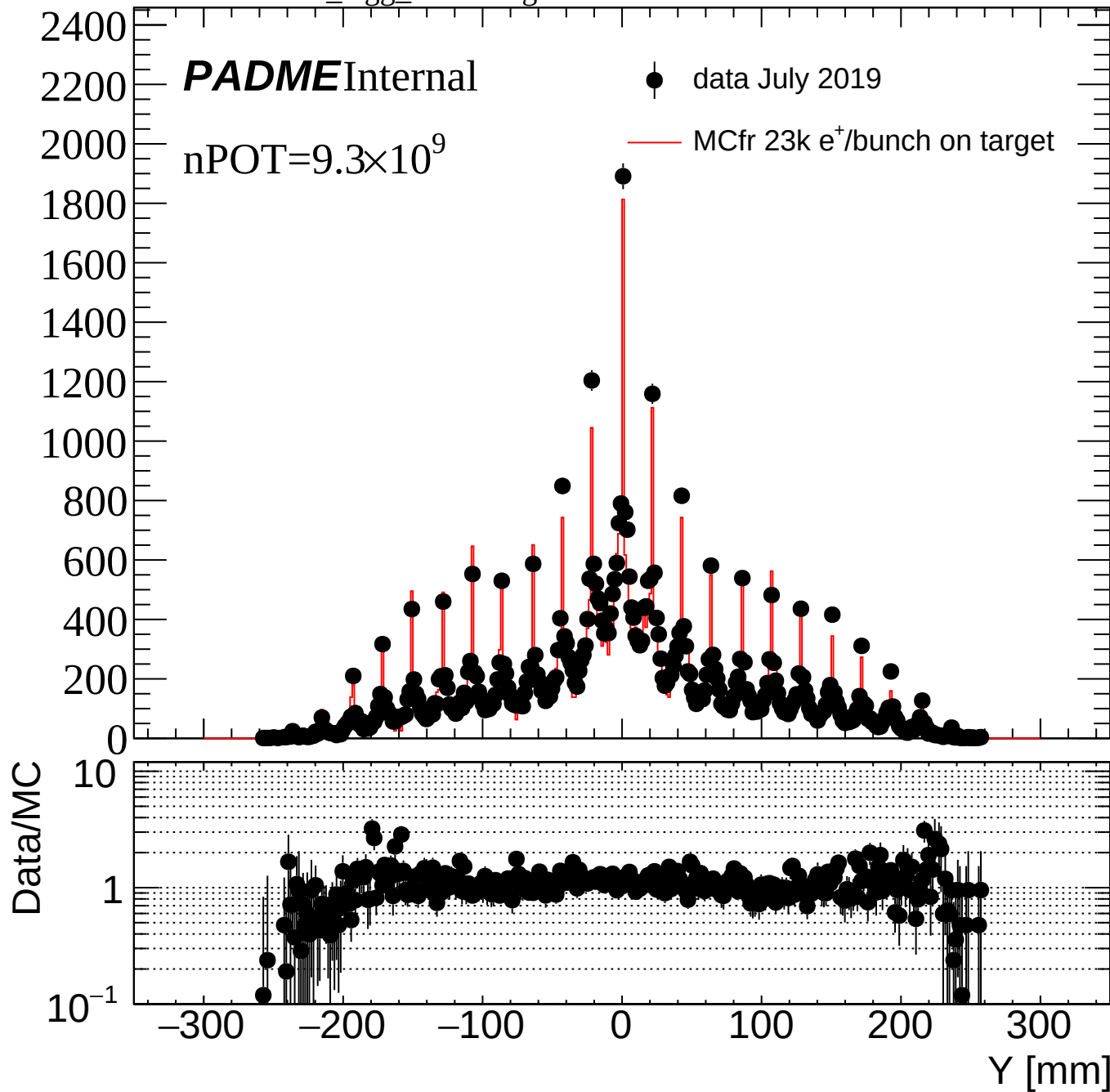
ECAL_Ygg_10ns20DegreeDeltaThetaUnderPeakEThr90



ECAL_Ygg_10ns20DegreeDeltaThetaEThr90



ECAL_Ygg_10ns5DegreeDeltaTheta



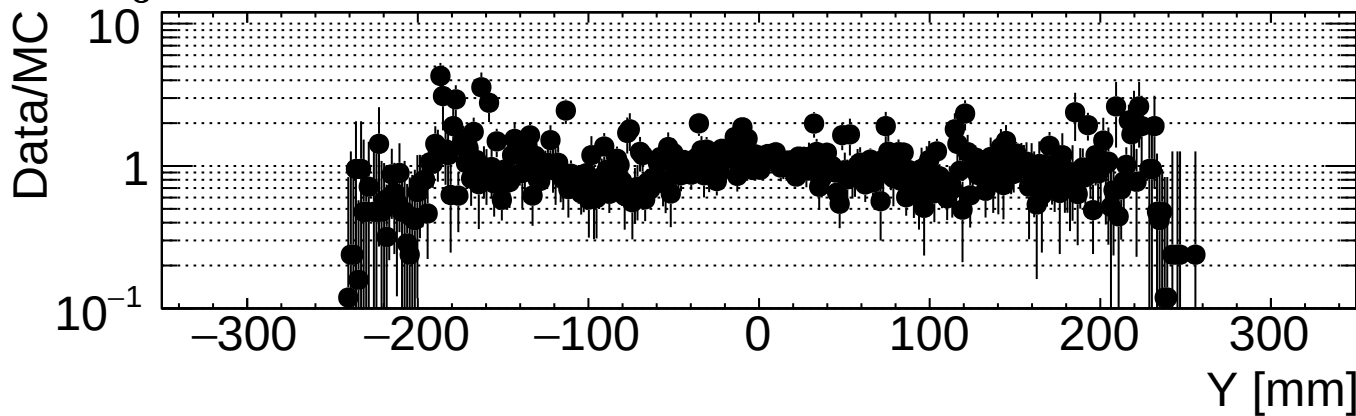
ECAL_Ygg_10ns5DegreeDeltaThetaUnderPeak

PADMEInternal

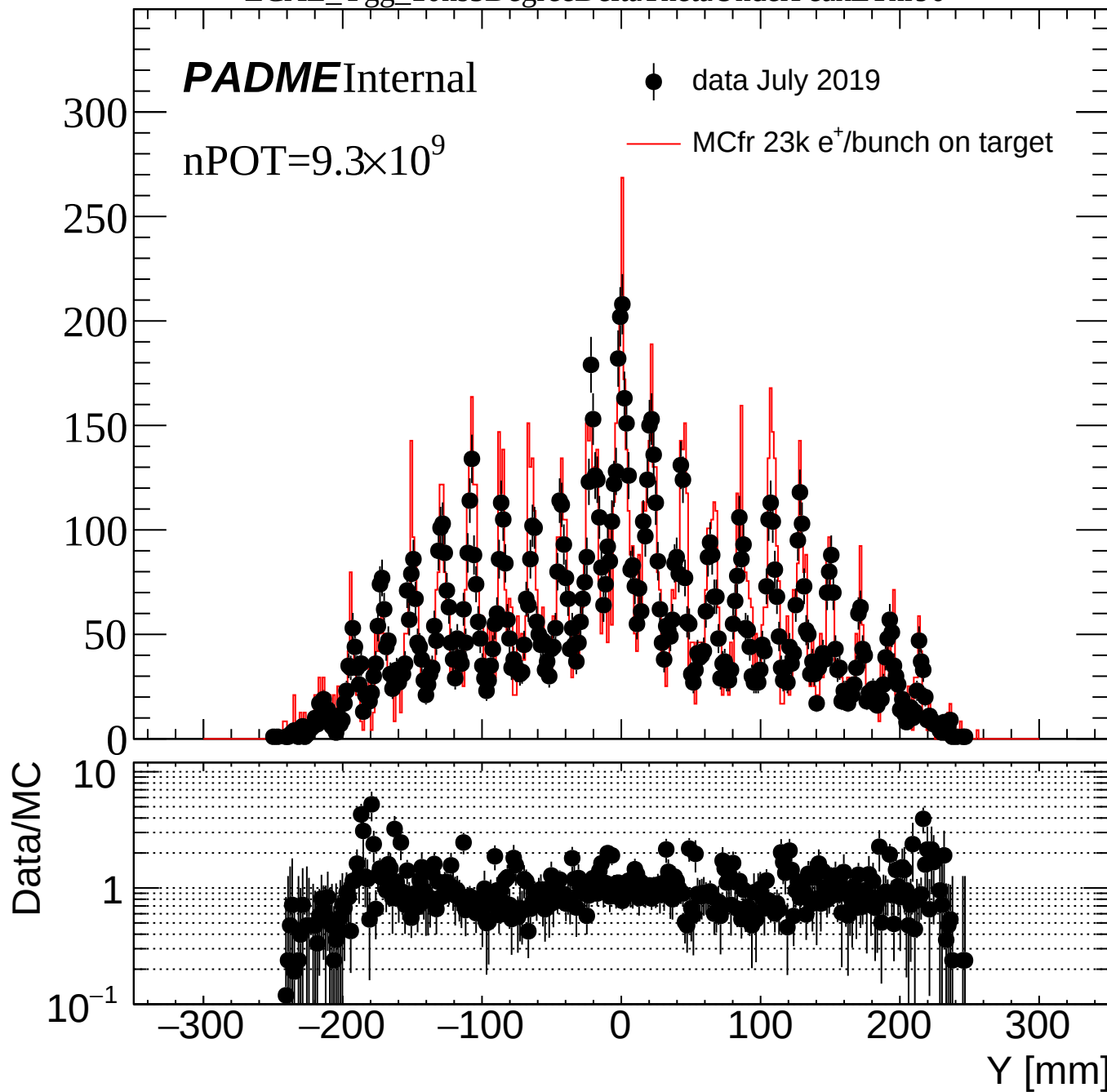
nPOT= 9.3×10^9

● data July 2019

— MCfr 23k e⁺/bunch on target



ECAL_Ygg_10ns5DegreeDeltaThetaUnderPeakEThr90



ECAL_Ygg_10ns5DegreeDeltaThetaEThr90

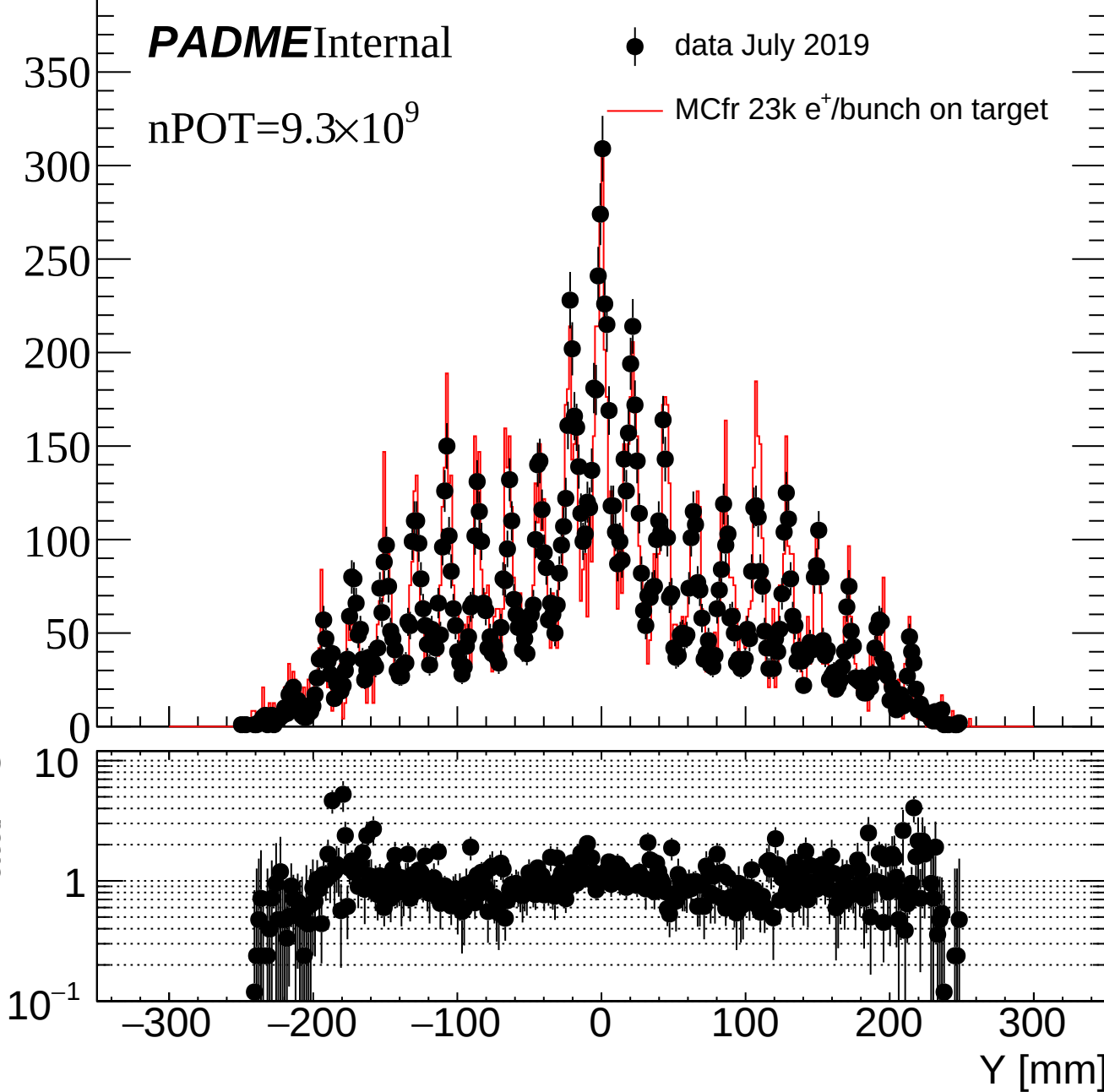
PADMEInternal

nPOT= 9.3×10^9

● data July 2019

— MCfr 23k e⁺/bunch on target

Data/MC



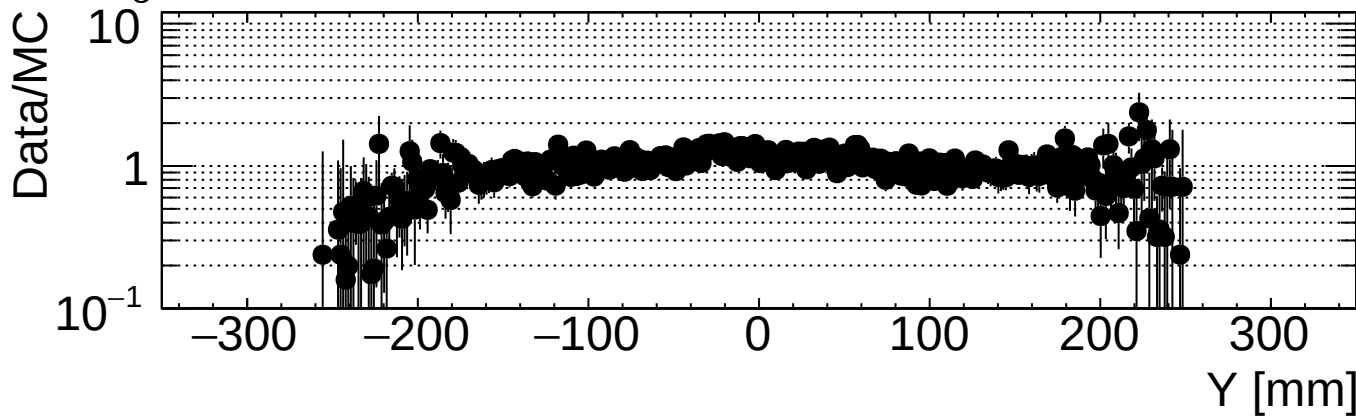
ECAL_Ygg_10ns3CoG

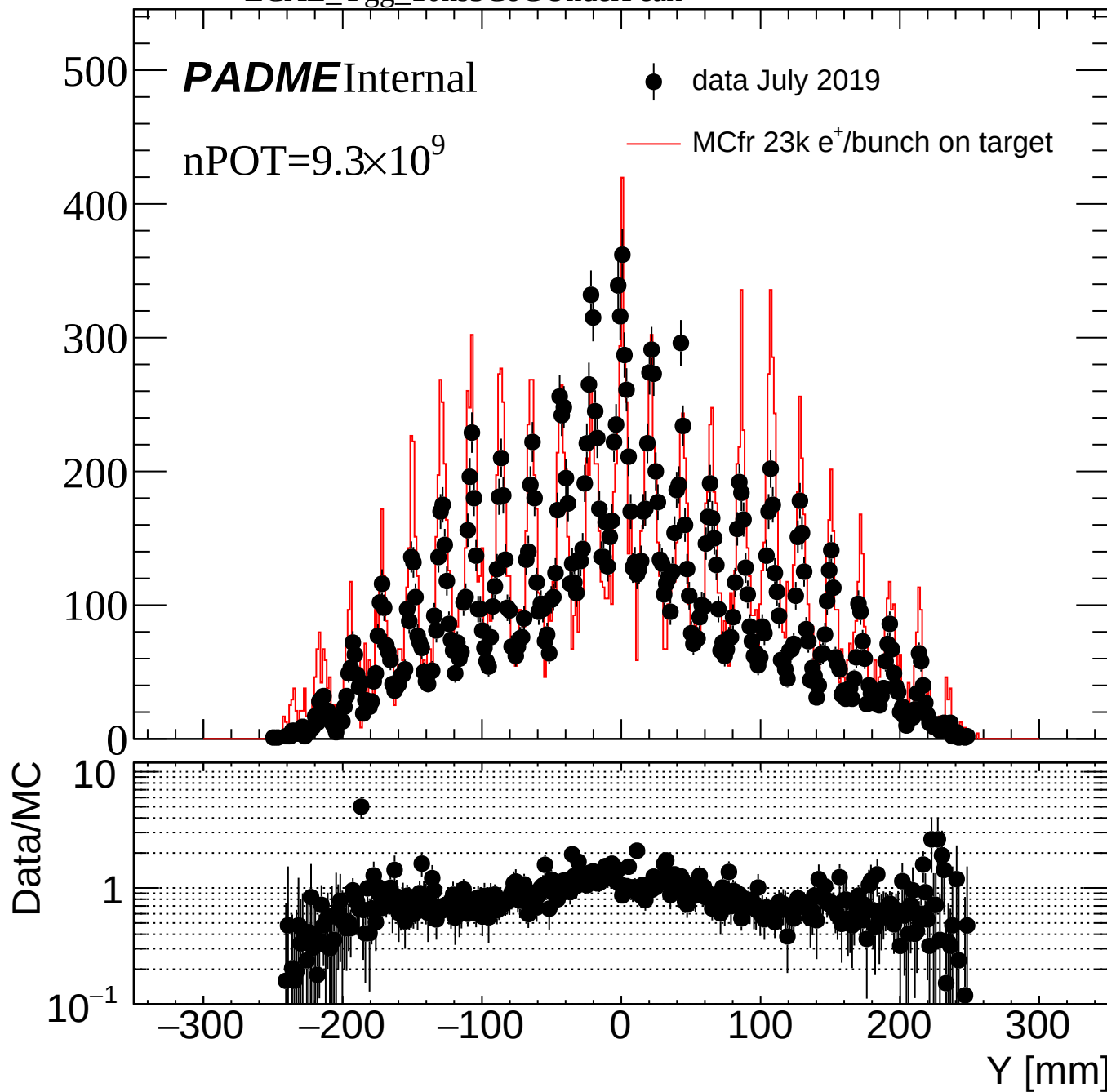
PADMEInternal

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

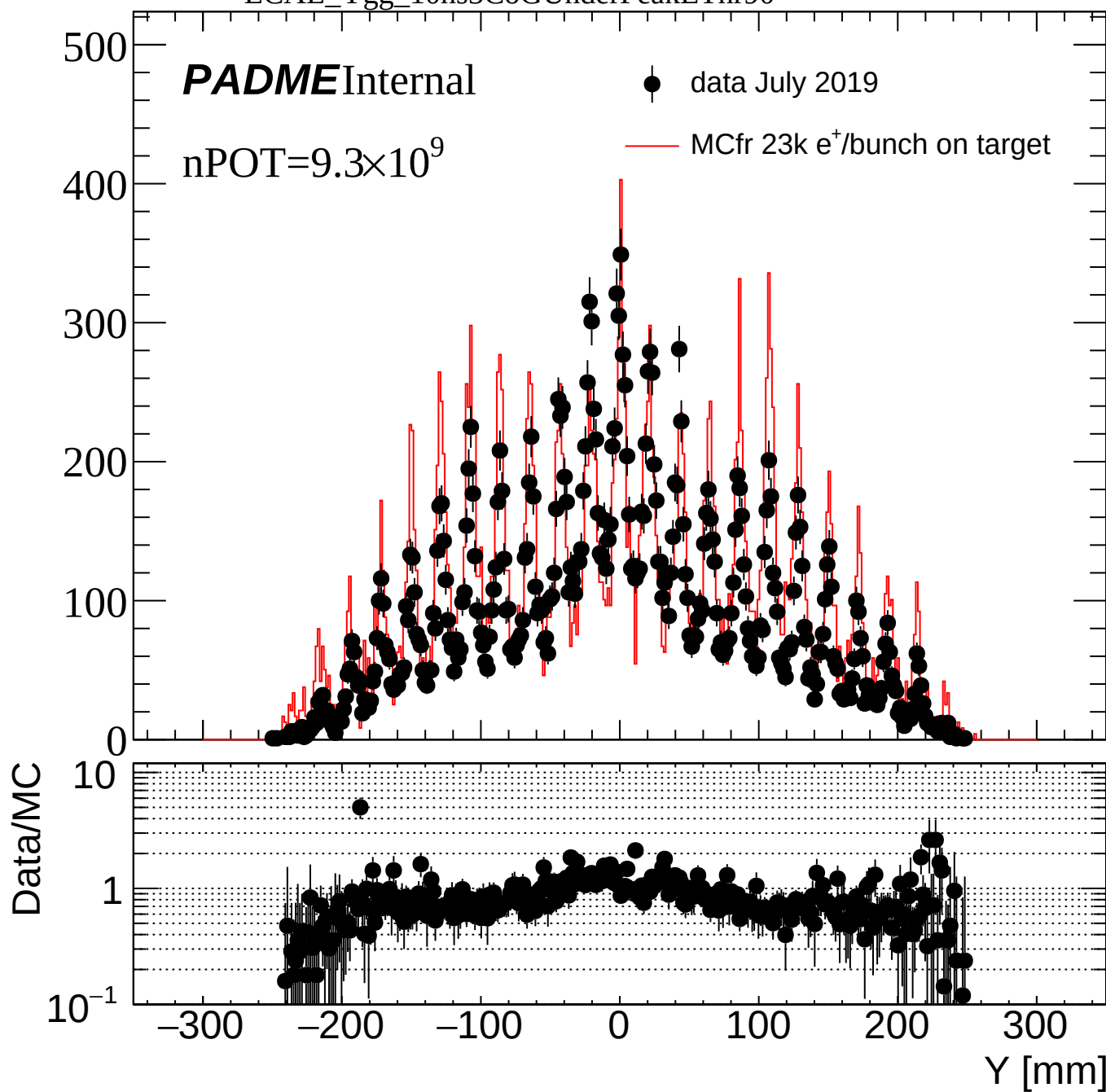
● data July 2019

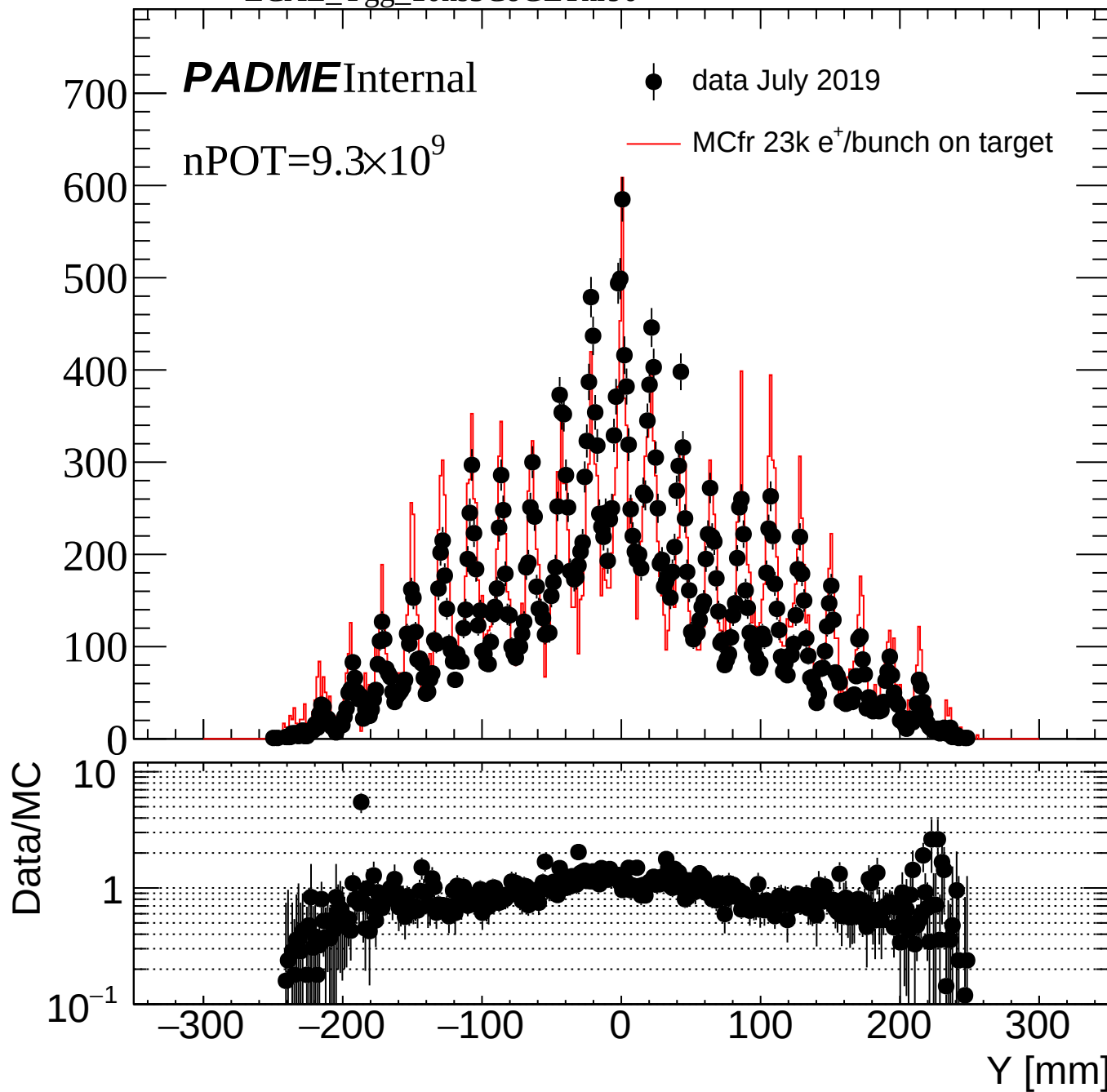
— MCfr 23k e⁺/bunch on target



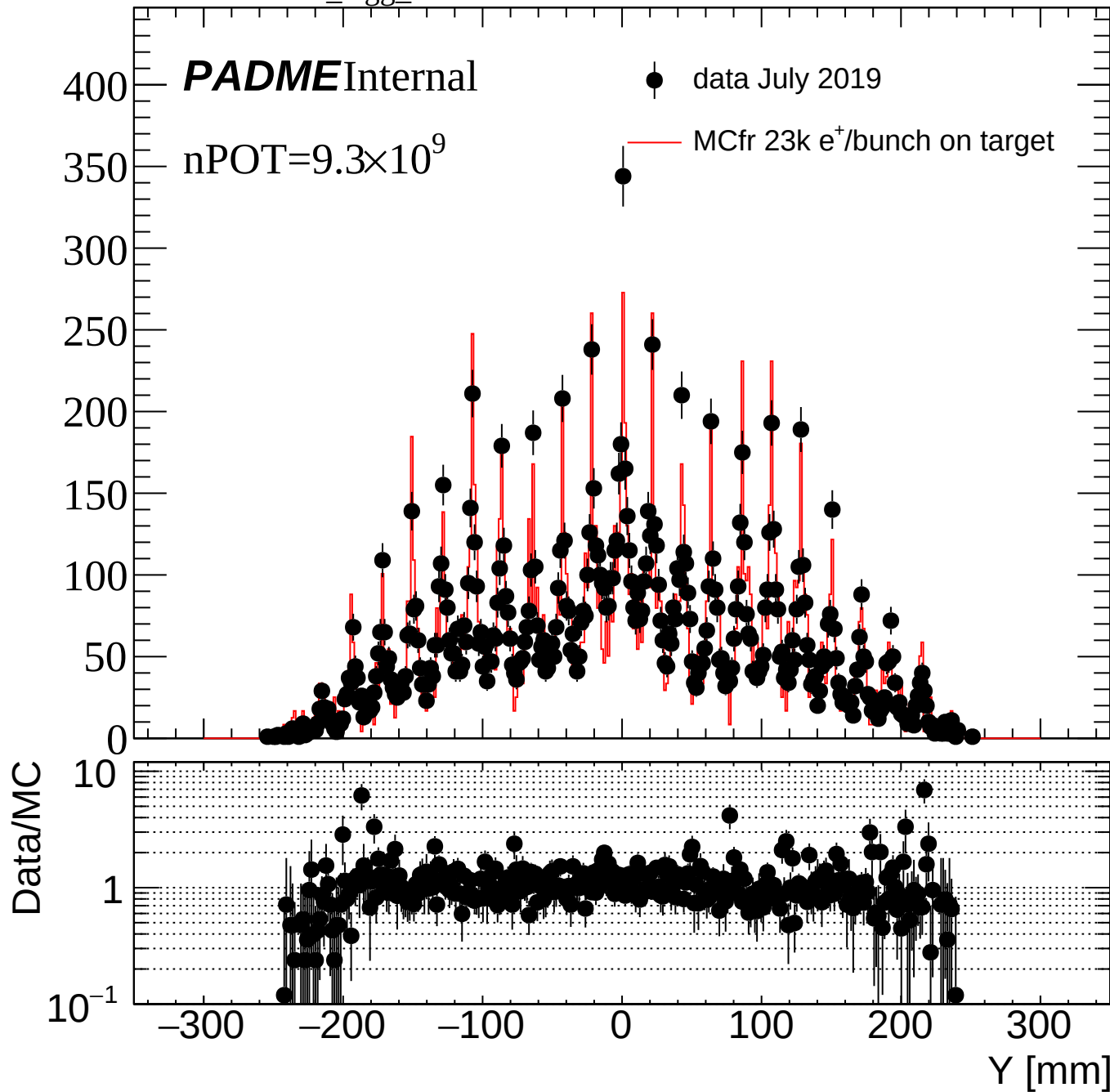


ECAL_Ygg_10ns3CoGUnderPeakEThr90

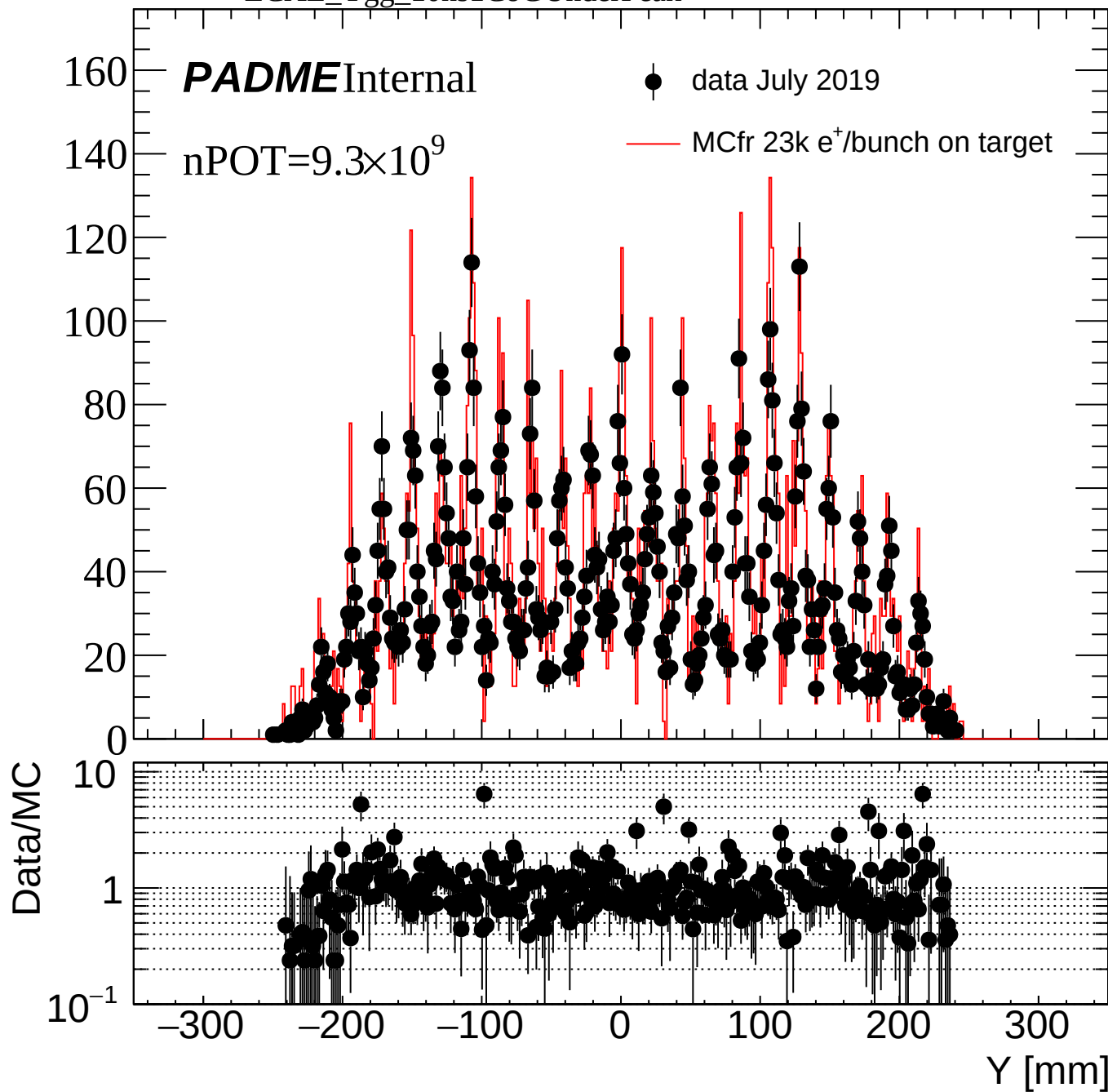




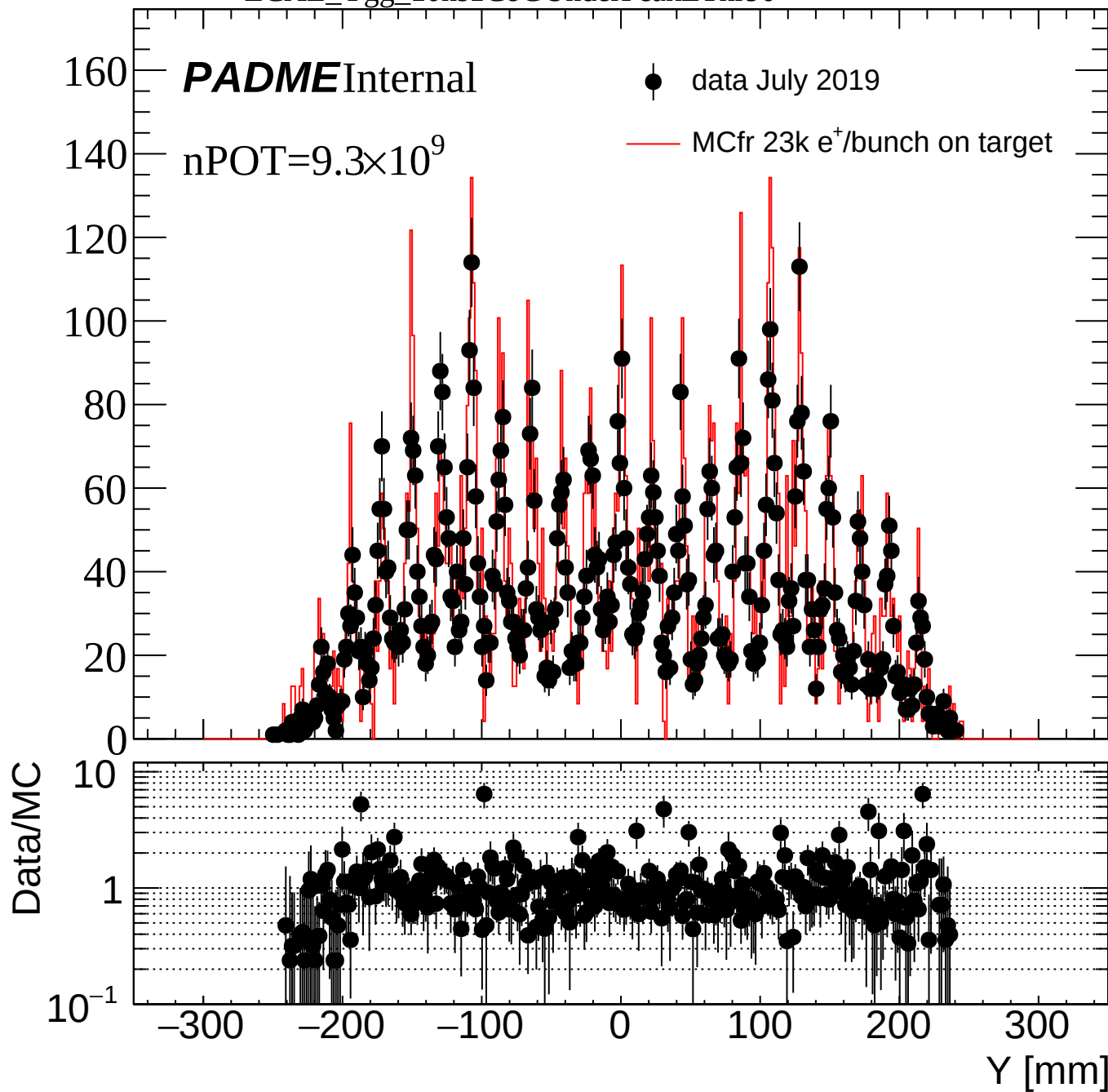
ECAL_Ygg_10ns1CoG



ECAL_Ygg_10ns1CoGUnderPeak



ECAL_Ygg_10ns1CoGUnderPeakEThr90



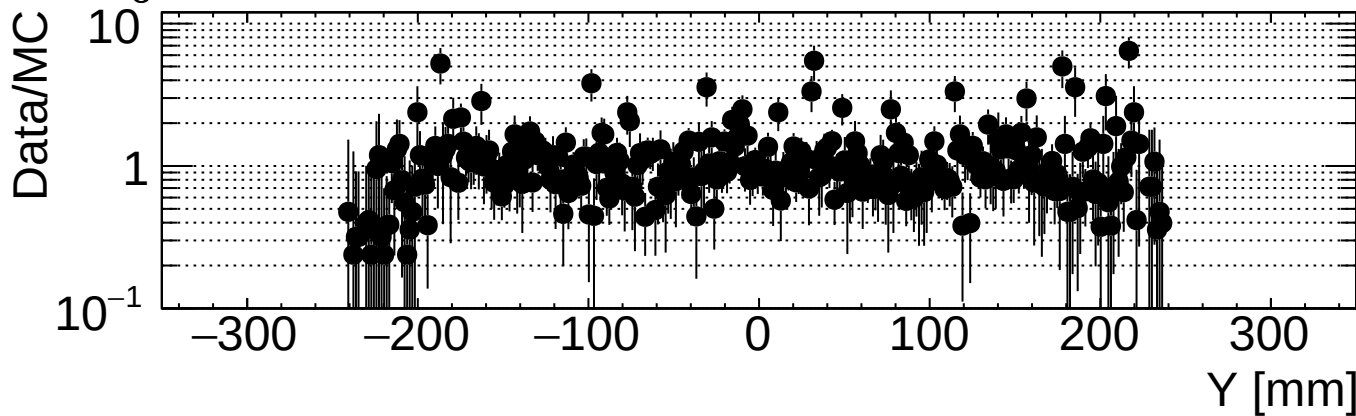
ECAL_Ygg_10ns1CoGEThr90

PADMEInternal

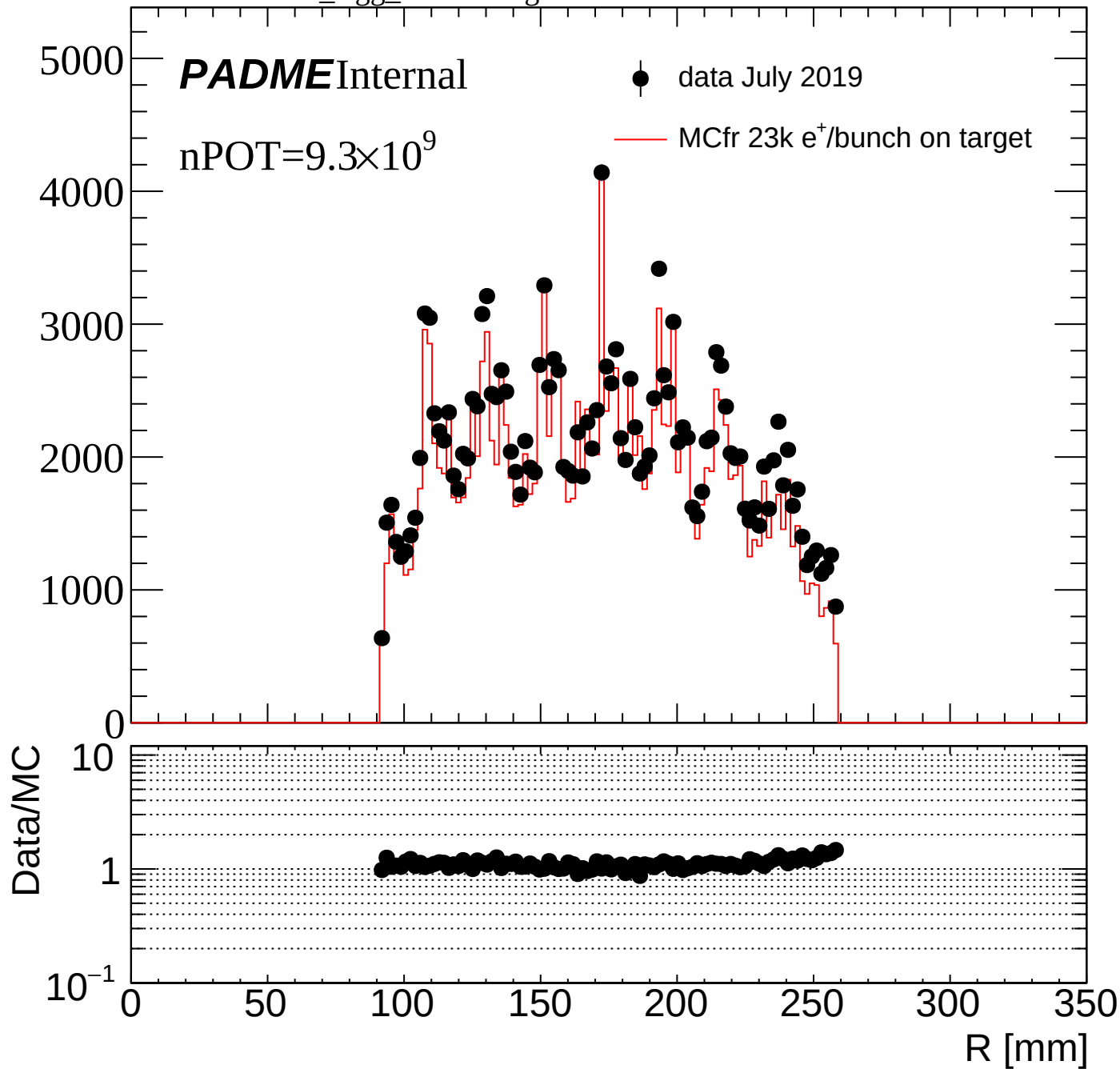
$n\text{POT}=9.3\times 10^9$

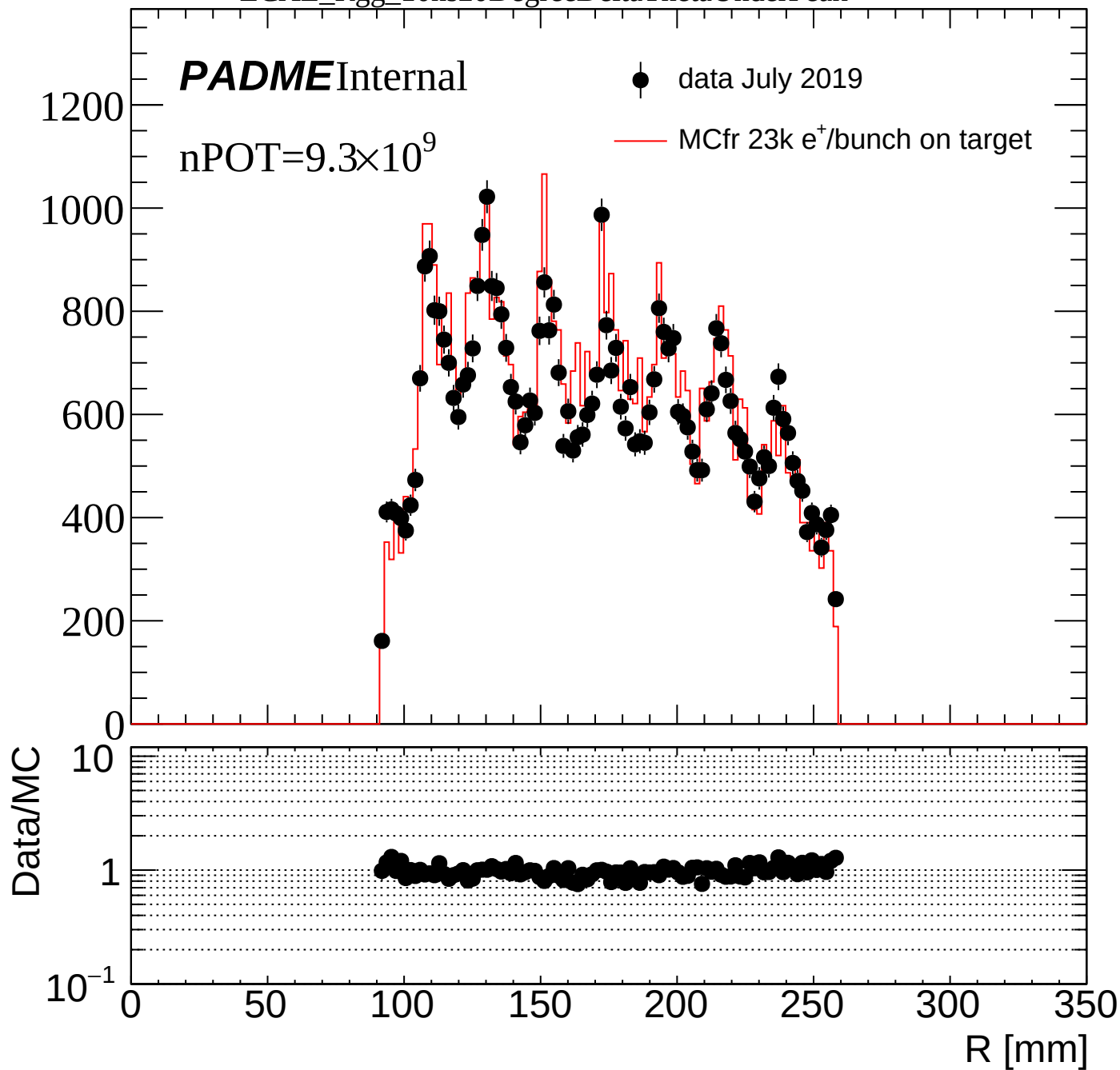
● data July 2019

— MCfr 23k e⁺/bunch on target



ECAL_Rgg_10ns20DegreeDeltaTheta





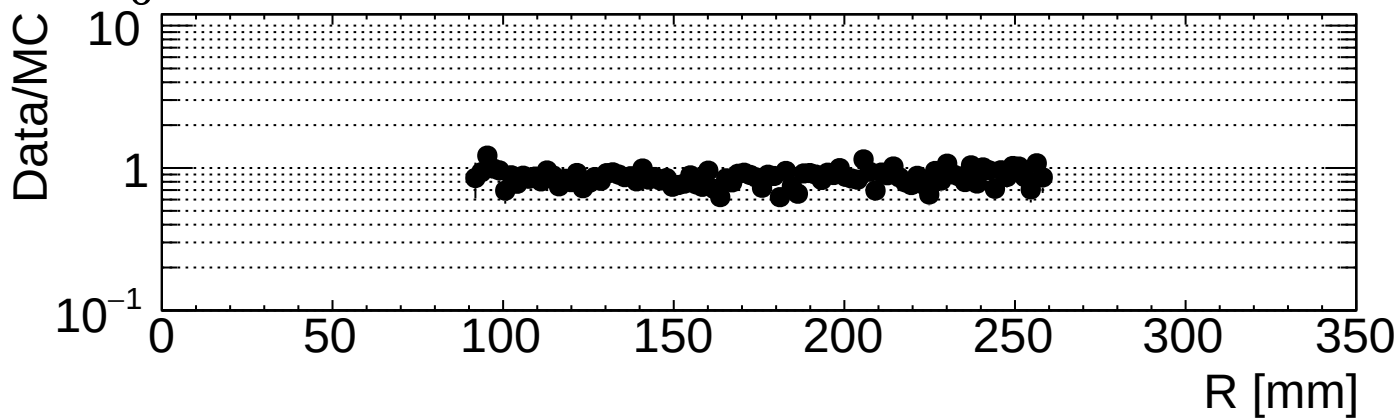
ECAL_Rgg_10ns20DegreeDeltaThetaUnderPeakEThr90

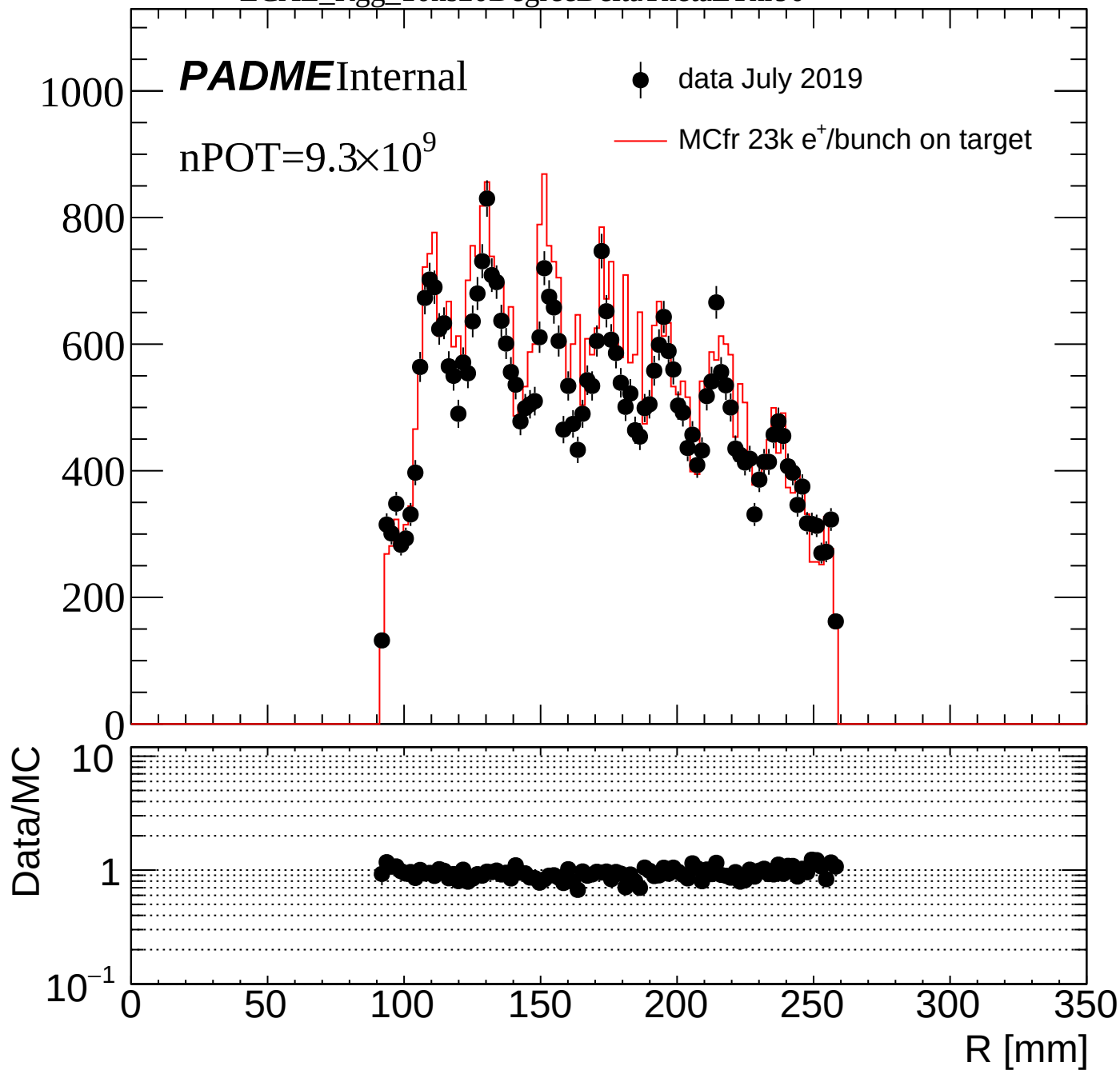
PADMEInternal

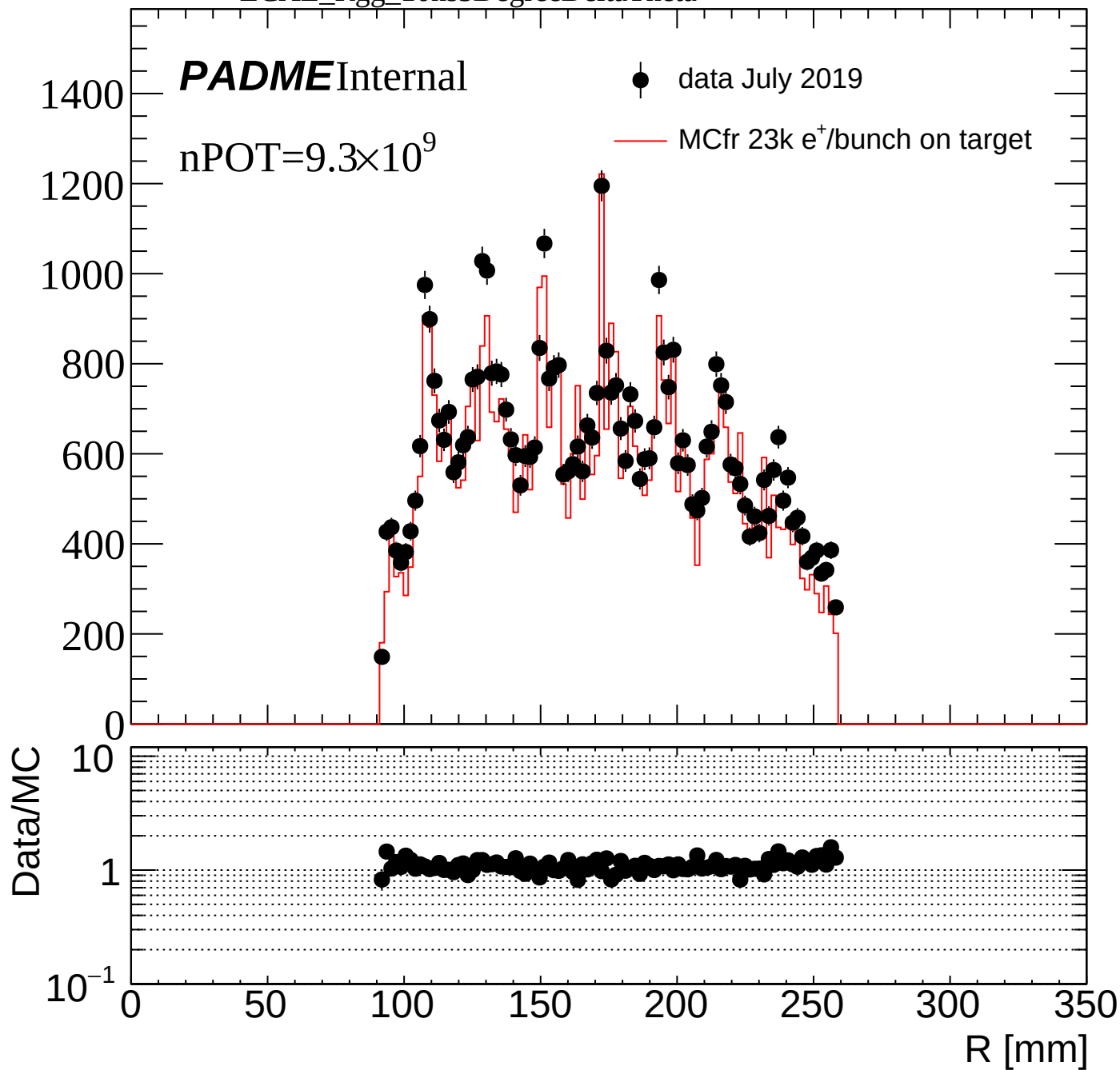
nPOT= 9.3×10^9

● data July 2019

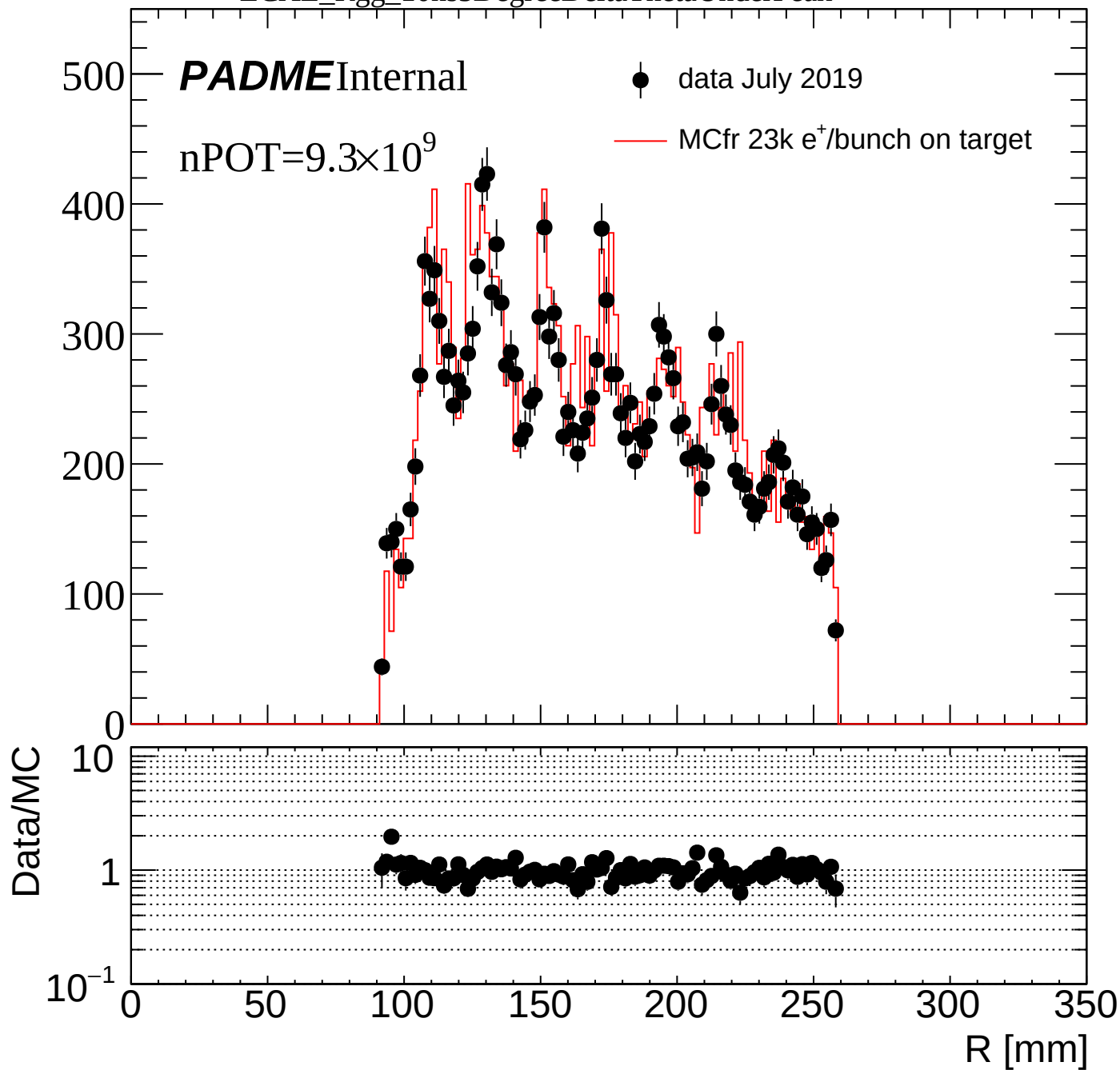
— MCfr 23k e⁺/bunch on target

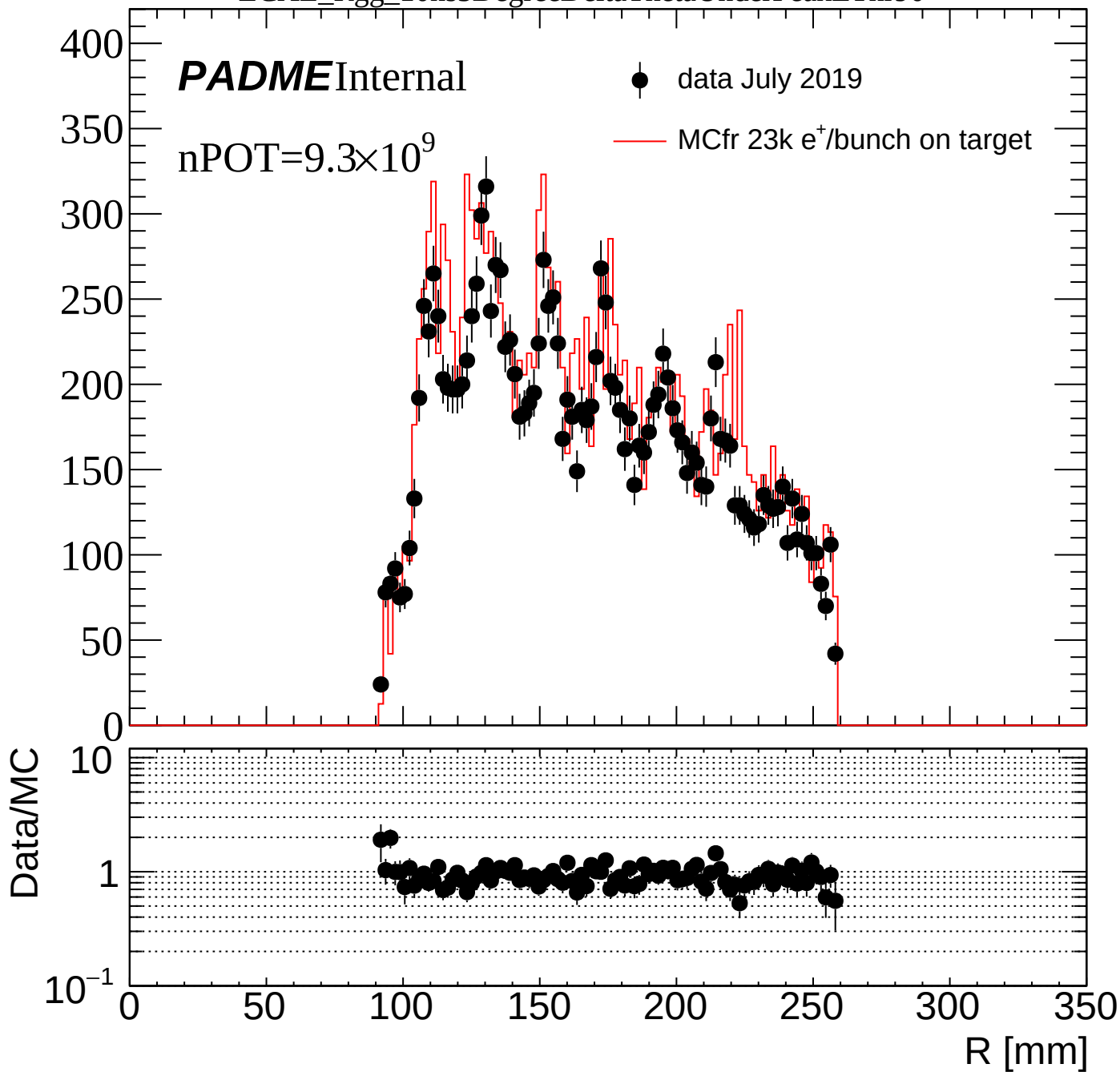




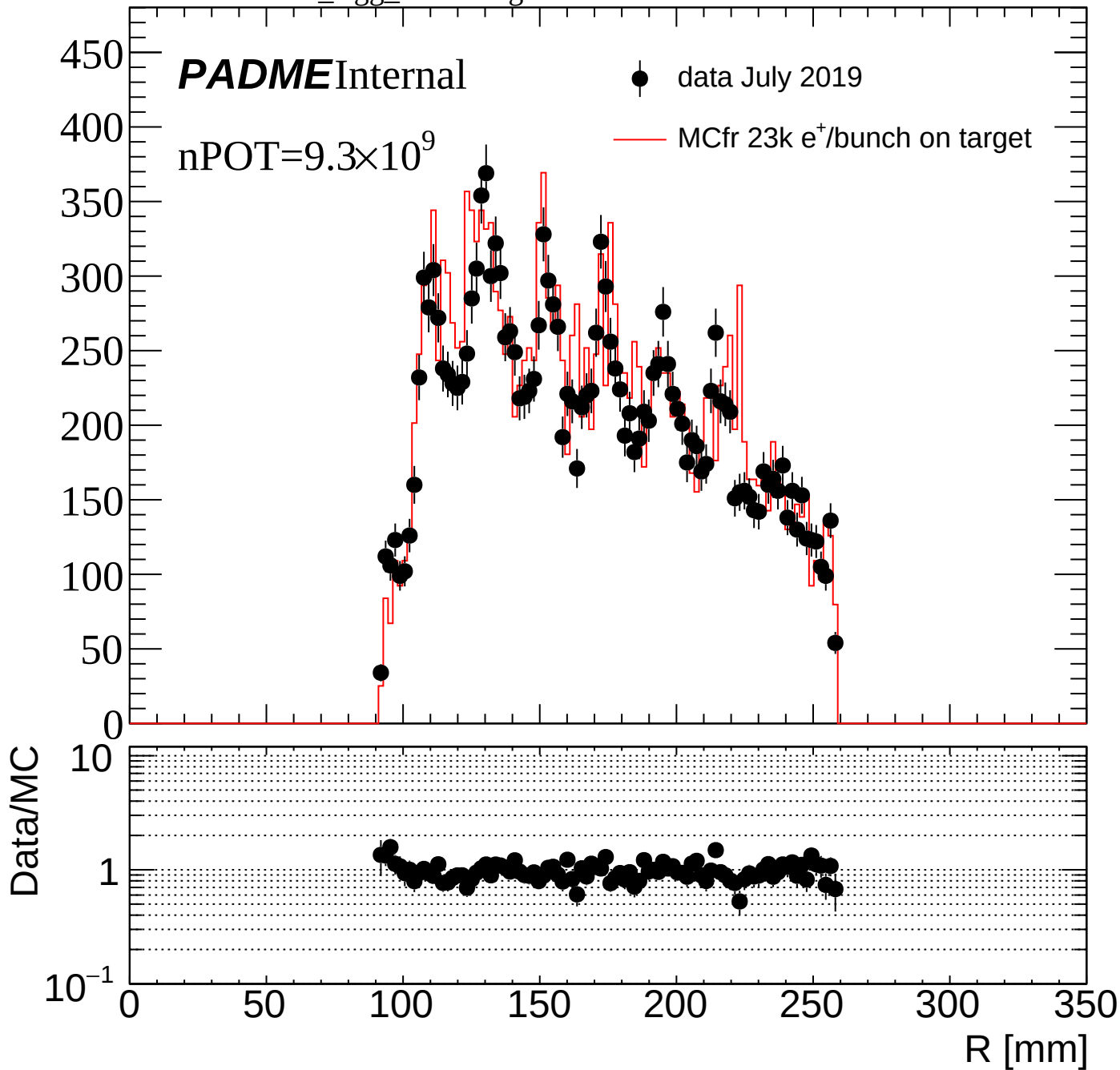


ECAL_Rgg_10ns5DegreeDeltaThetaUnderPeak





ECAL_Rgg_10ns5DegreeDeltaThetaEThr90



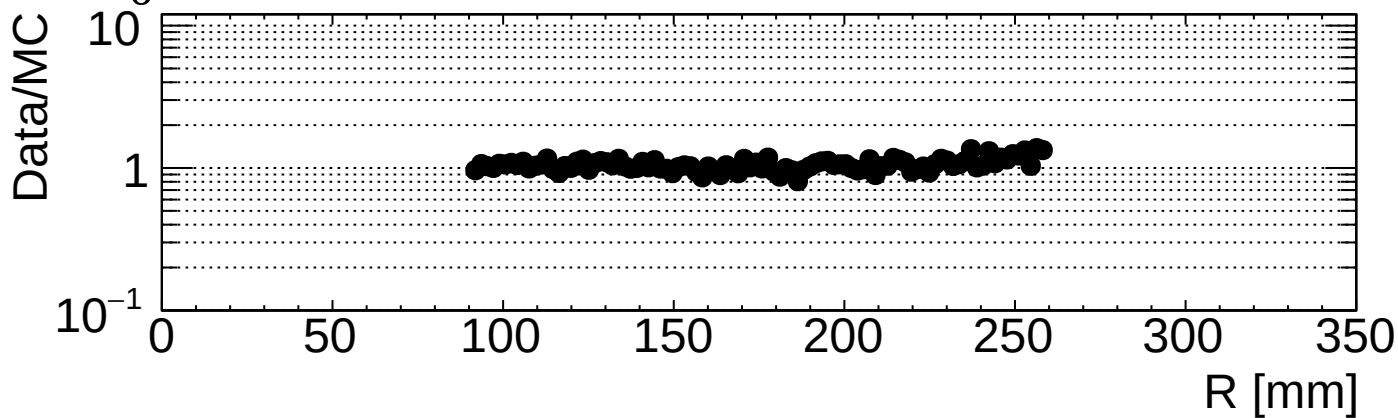
ECAL_Rgg_10ns3CoG

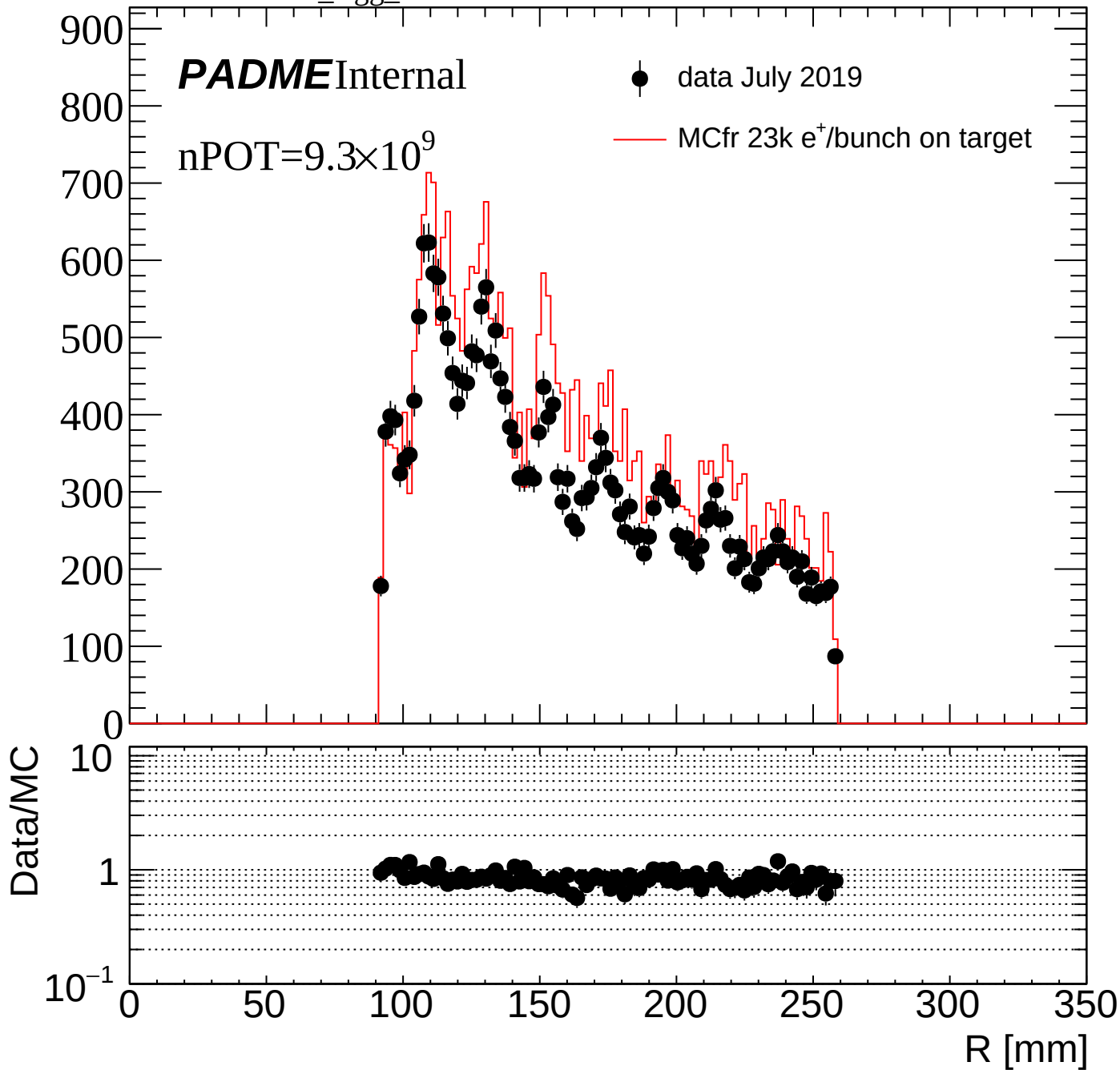
PADMEInternal

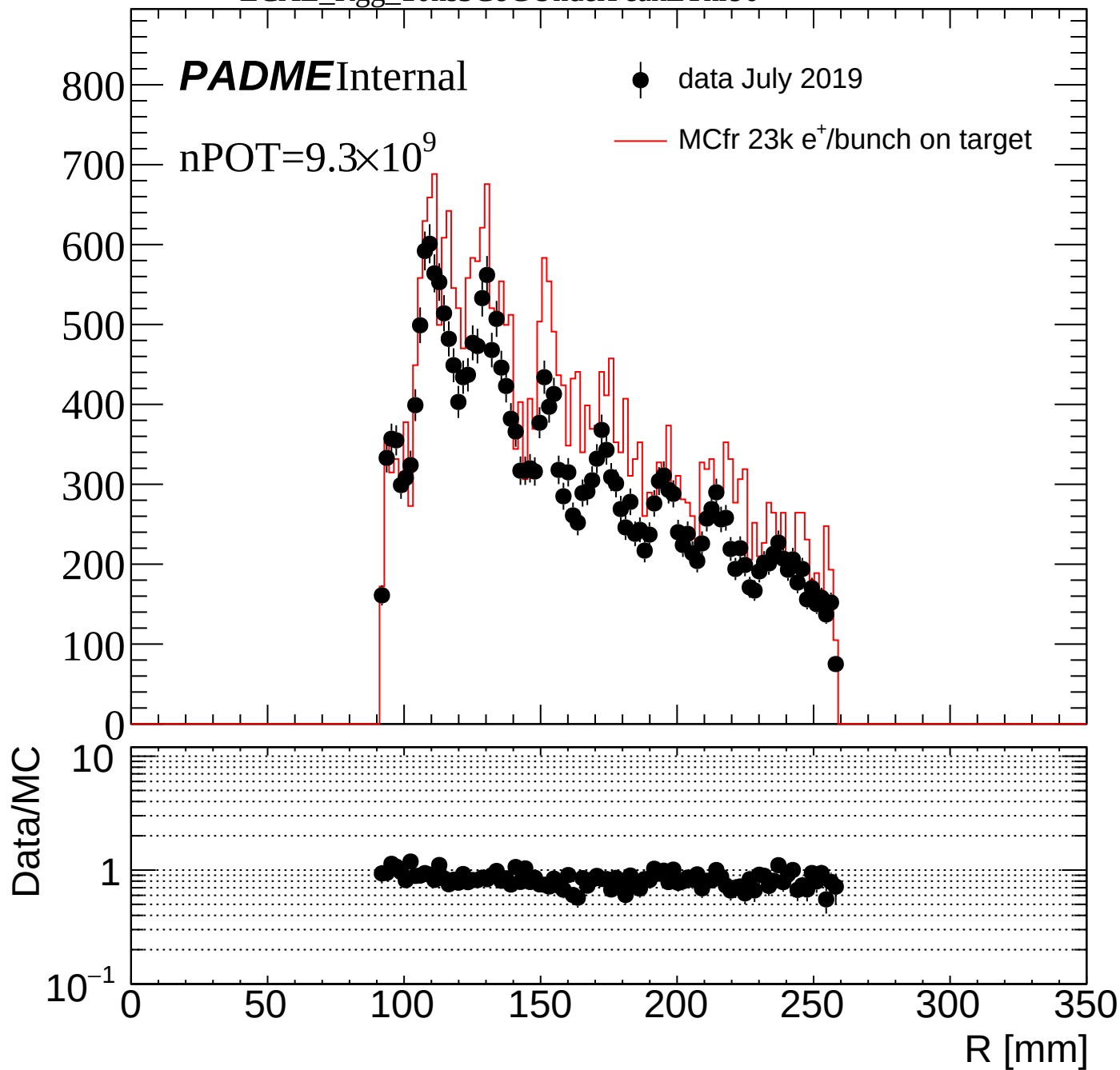
nPOT= 9.3×10^9

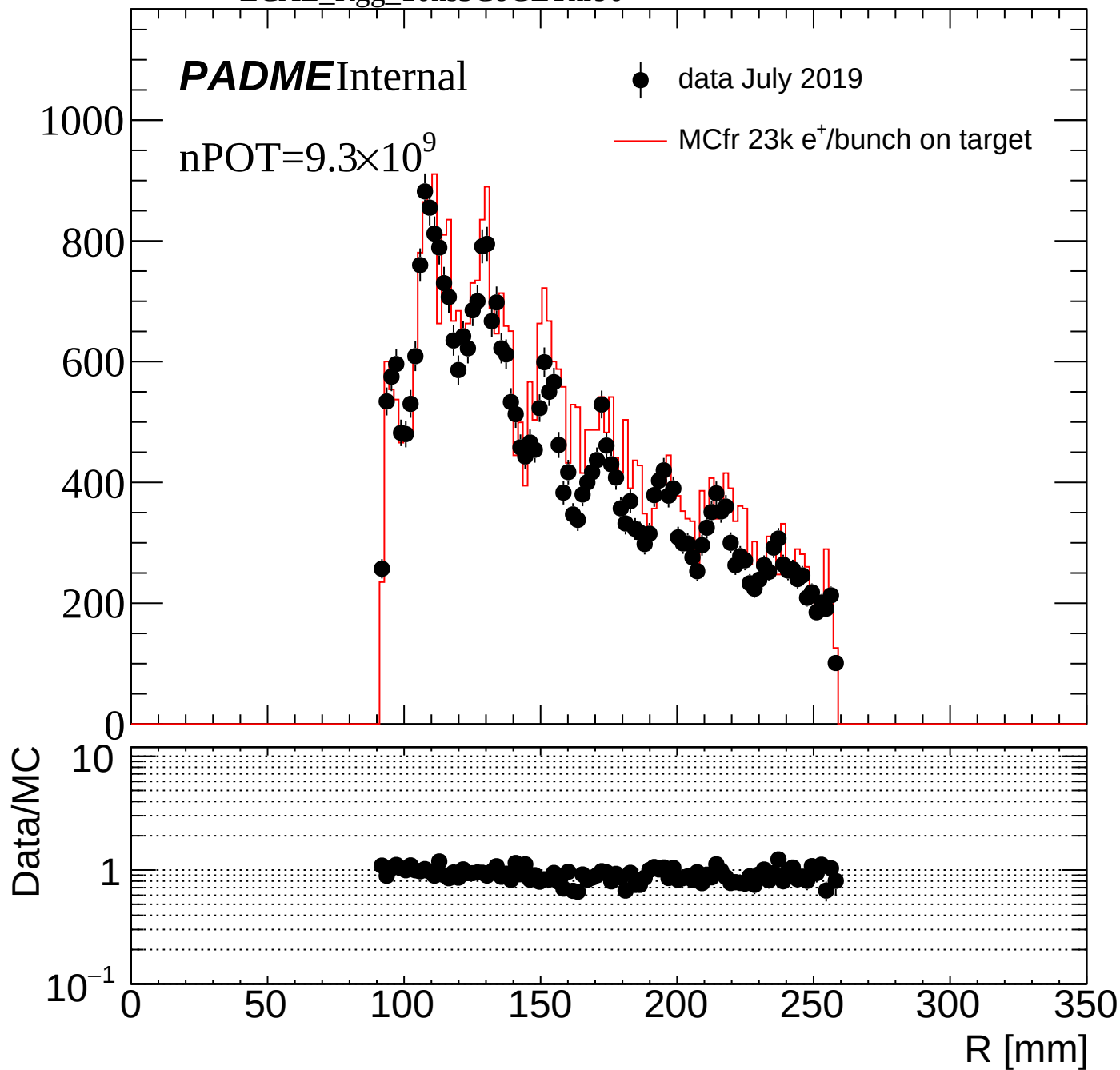
● data July 2019

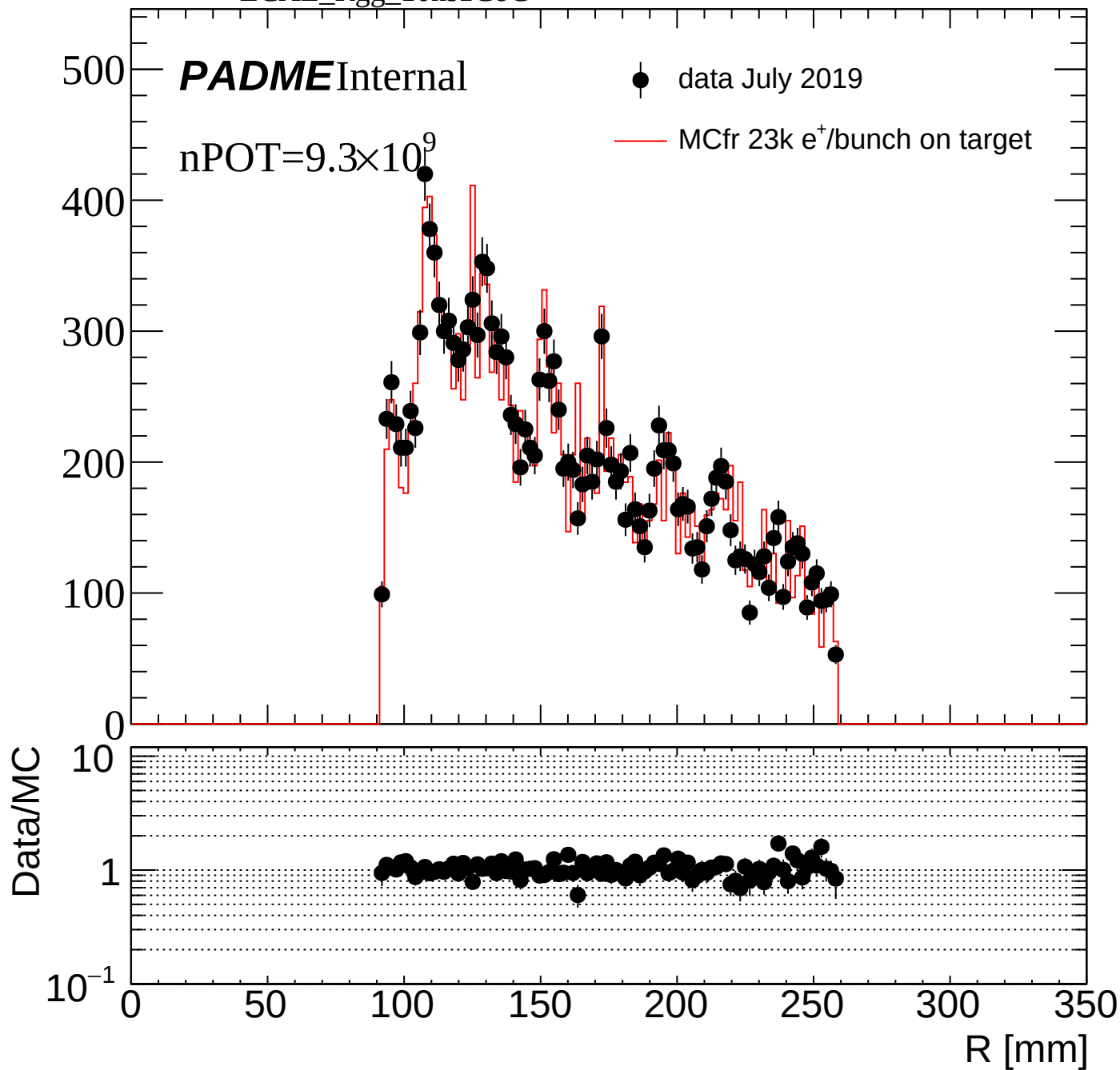
— MCfr 23k e⁺/bunch on target











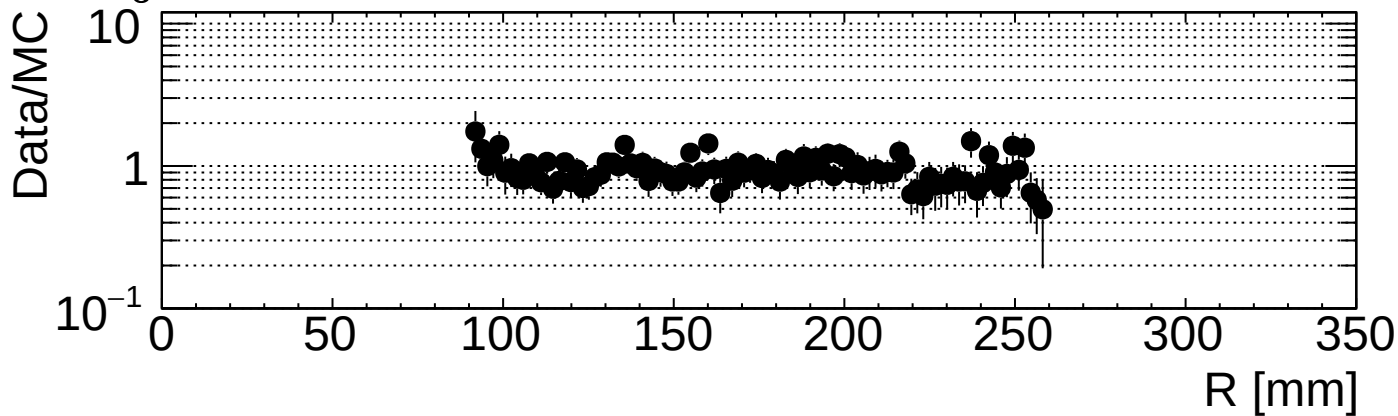
ECAL_Rgg_10ns1CoGUnderPeak

PADMEInternal

nPOT= 9.3×10^9

● data July 2019

— MCfr 23k e⁺/bunch on target



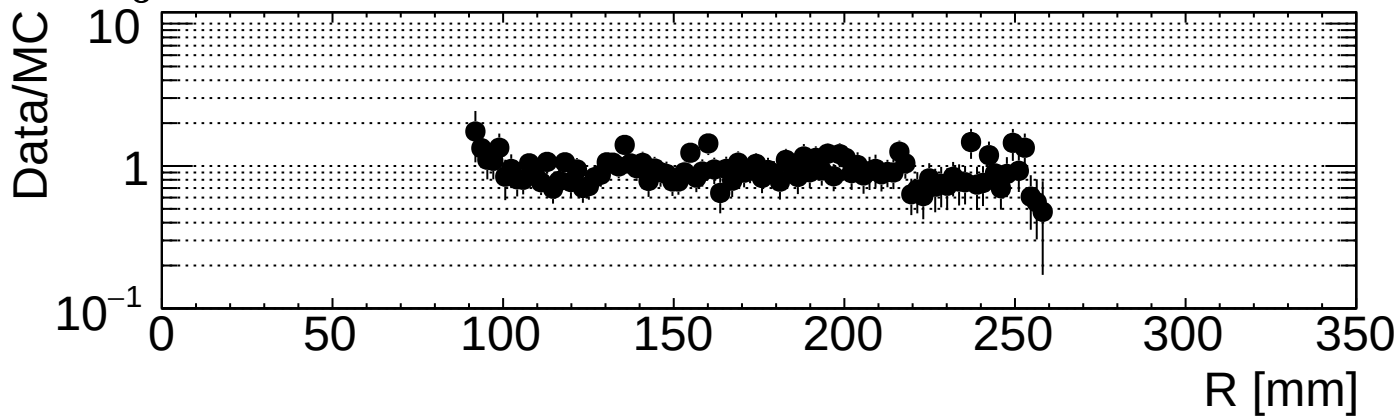
ECAL_Rgg_10ns1CoGUnderPeakEThr90

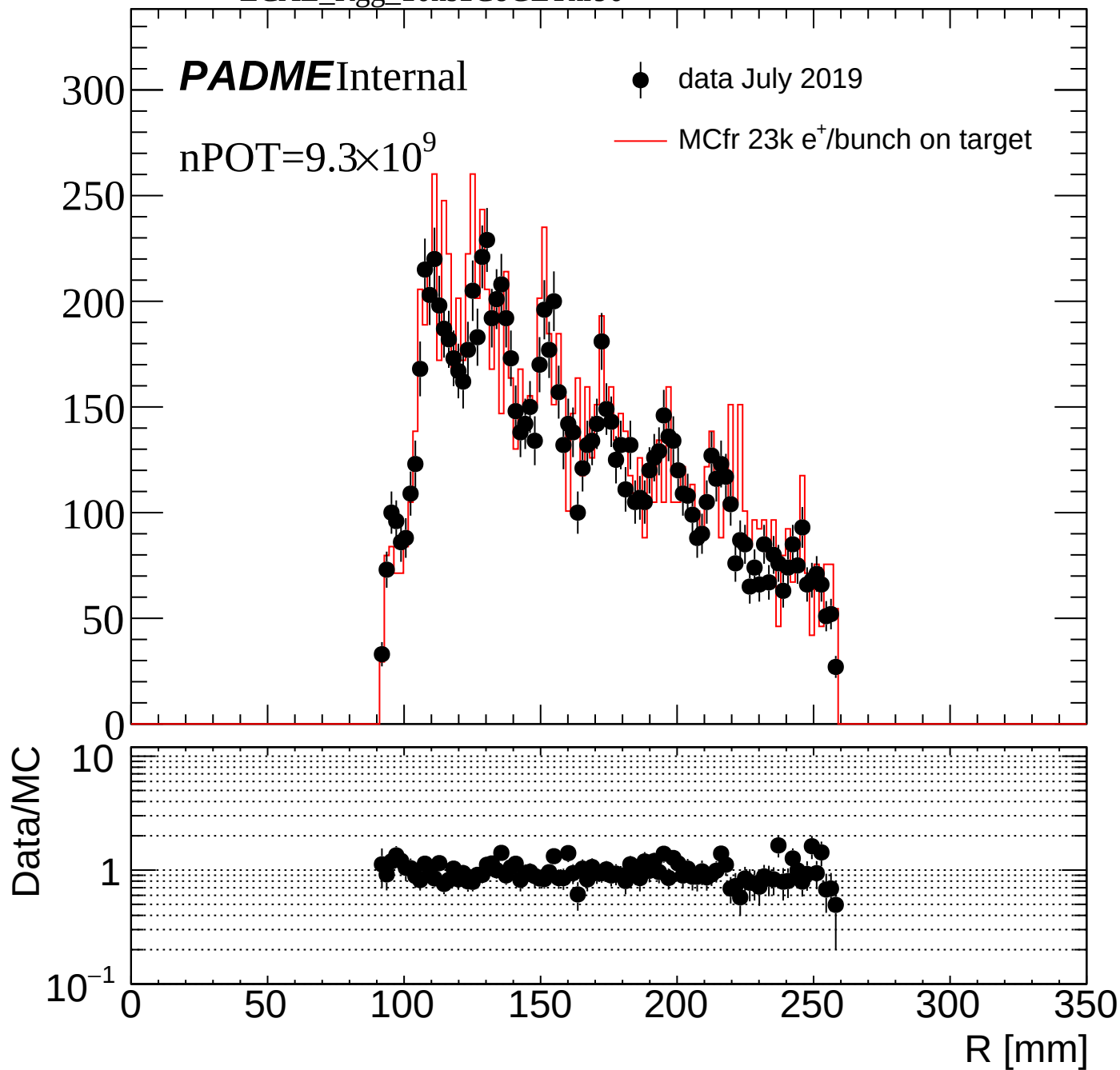
PADMEInternal

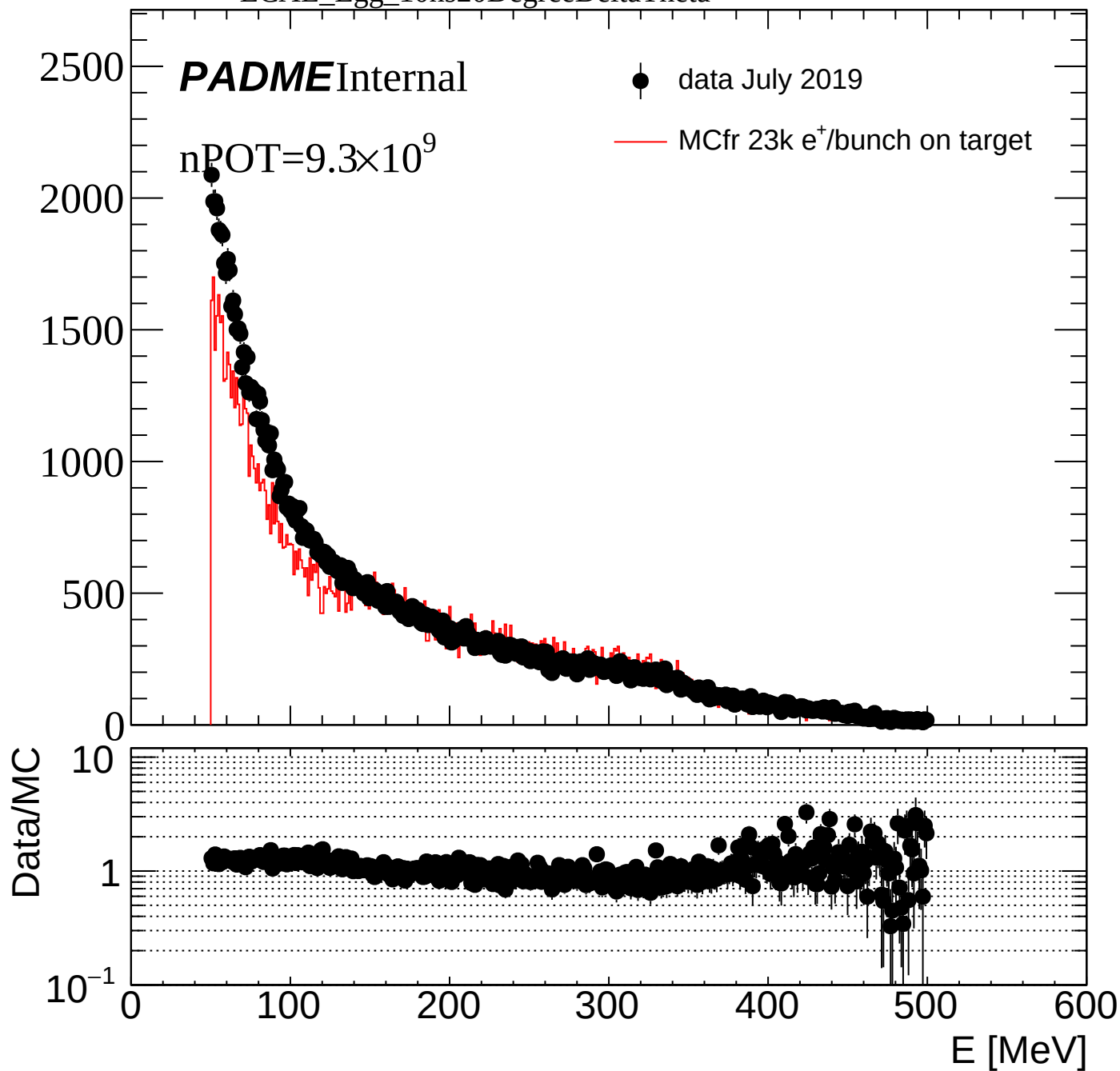
nPOT= 9.3×10^9

● data July 2019

— MCfr 23k e⁺/bunch on target







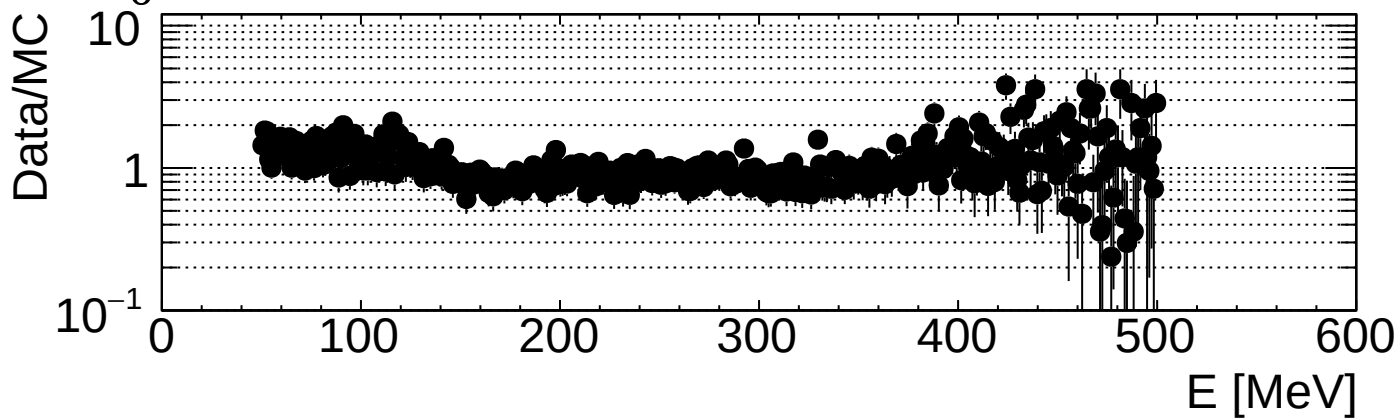
ECAL_Egg_10ns20DegreeDeltaThetaUnderPeak

PADMEInternal

$nPOT=9.3\times 10^9$

● data July 2019

— MCfr 23k e^+ /bunch on target



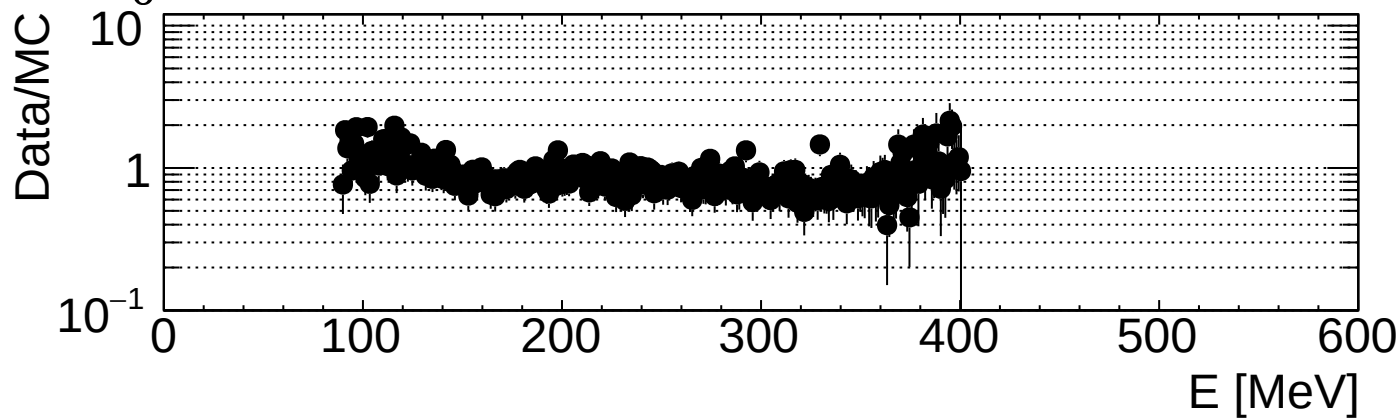
ECAL_Egg_10ns20DegreeDeltaThetaUnderPeakEThr90

PADME Internal

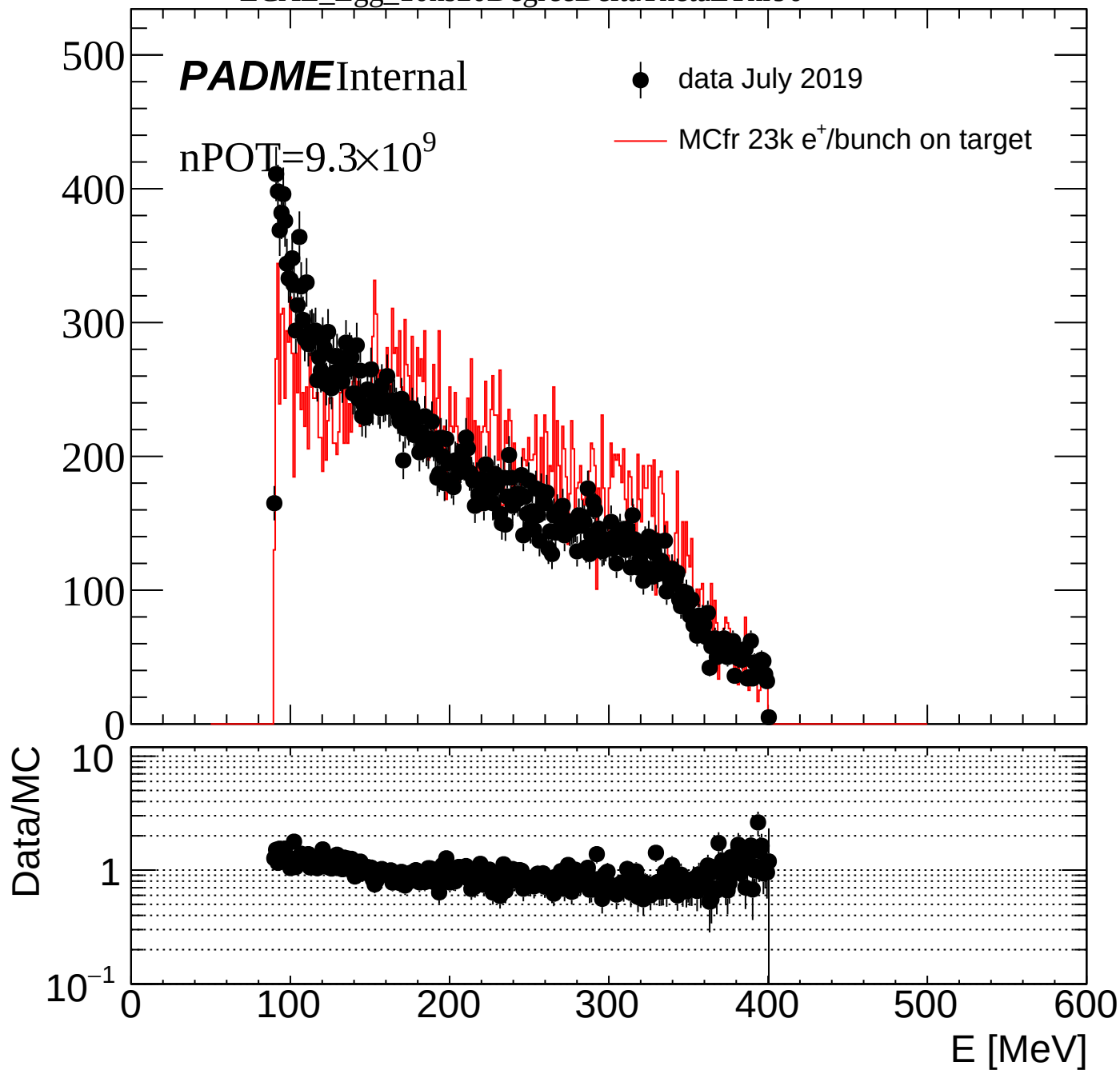
$nPOT=9.3 \times 10^9$

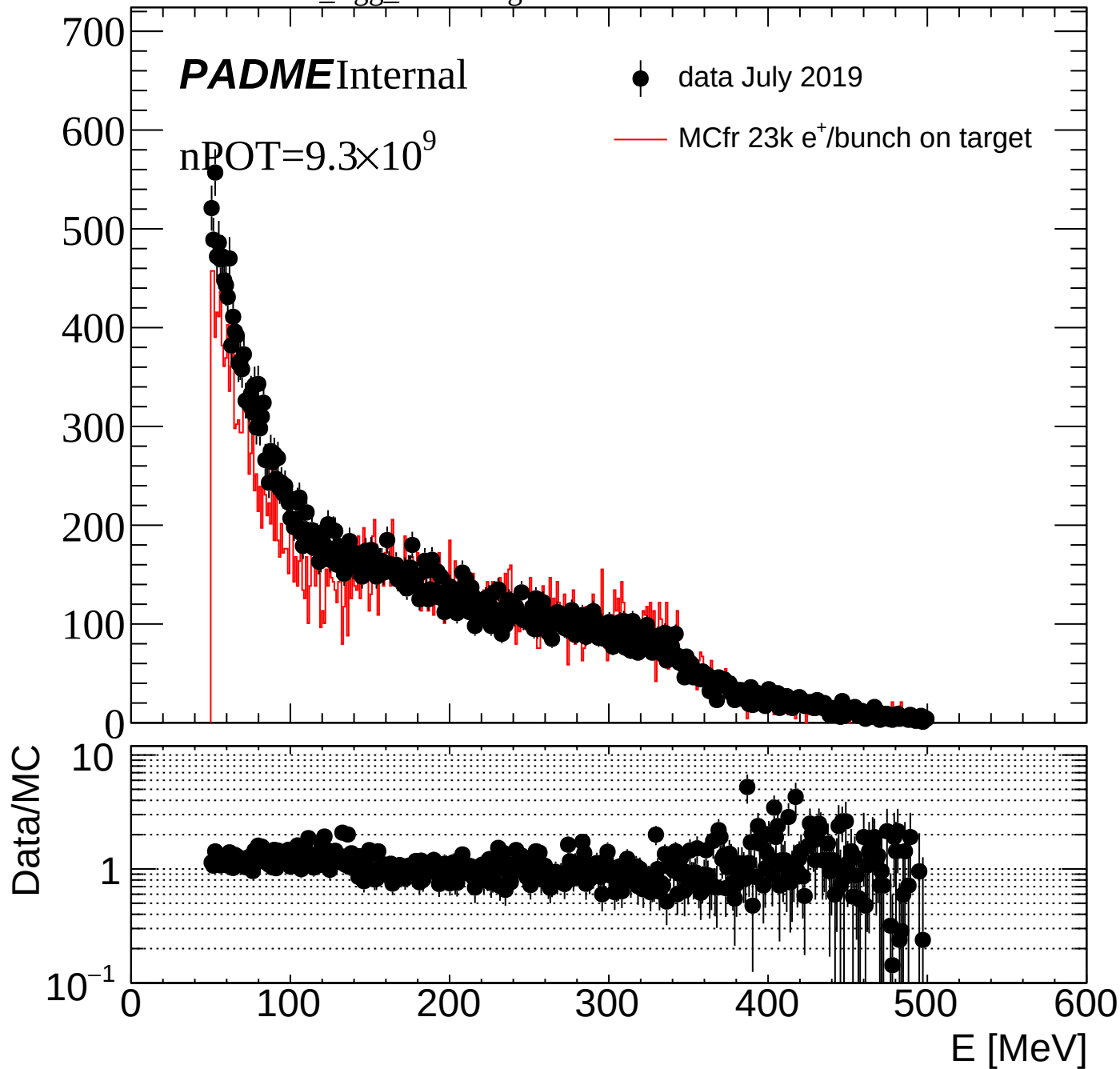
● data July 2019

— MCfr 23k e⁺/bunch on target



ECAL_Egg_10ns20DegreeDeltaThetaEThr90





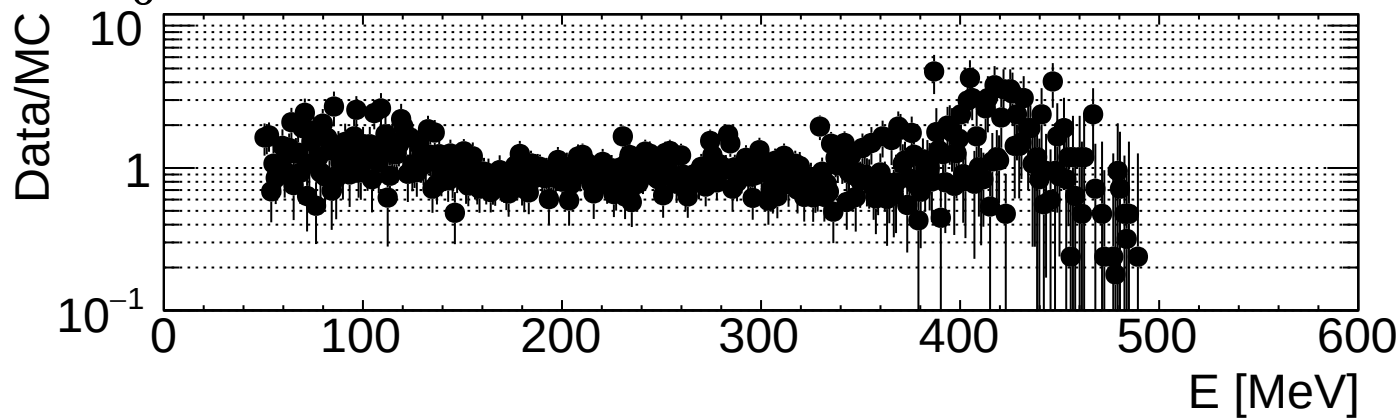
ECAL_Egg_10ns5DegreeDeltaThetaUnderPeak

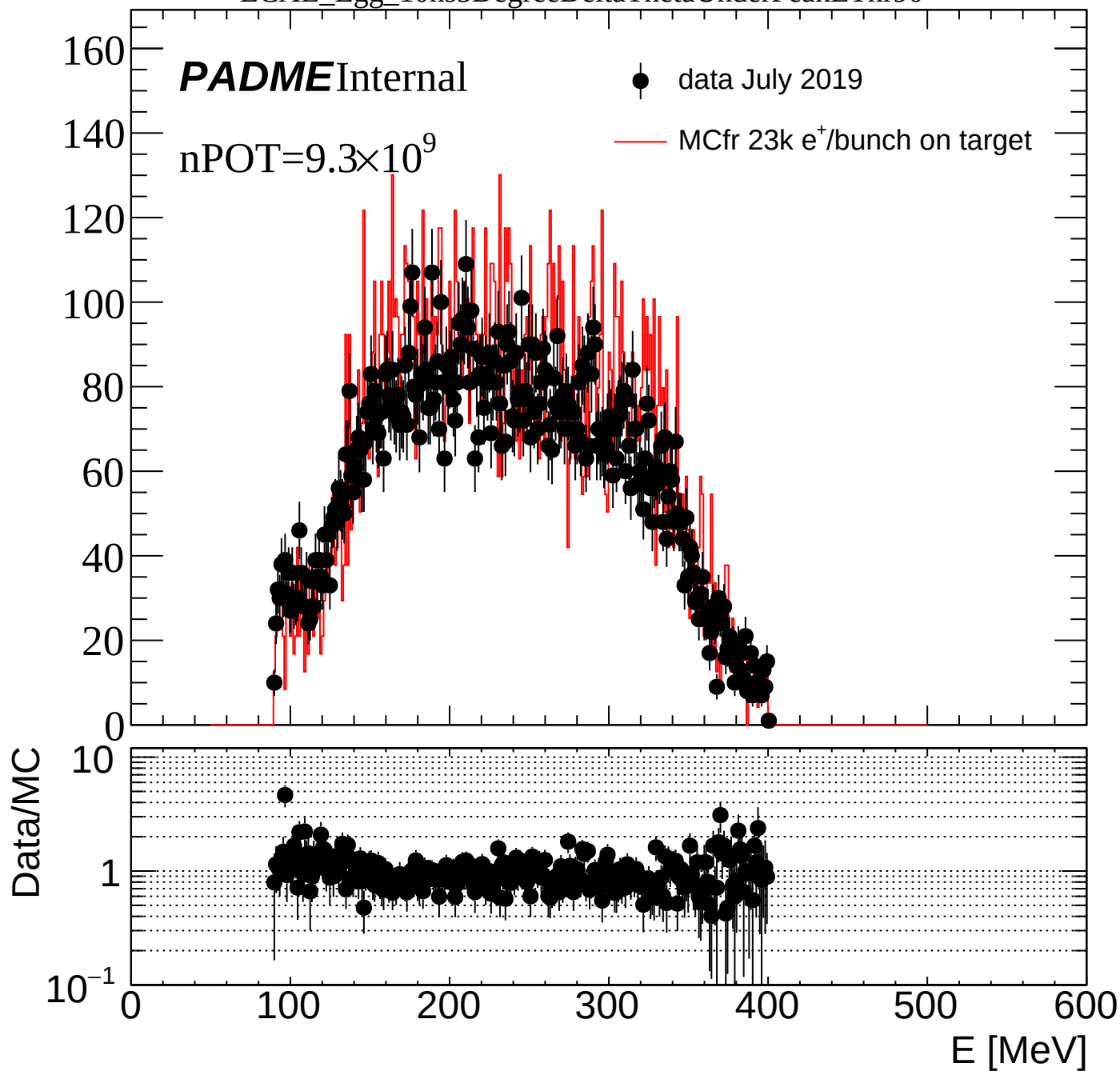
PADMEInternal

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

● data July 2019

— MCfr 23k e⁺/bunch on target





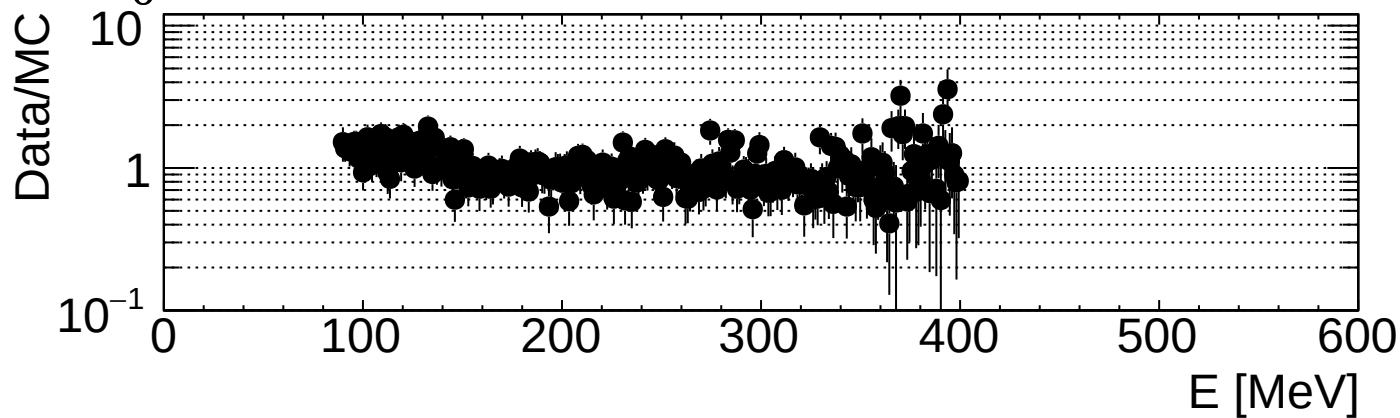
ECAL_Egg_10ns5DegreeDeltaThetaEThr90

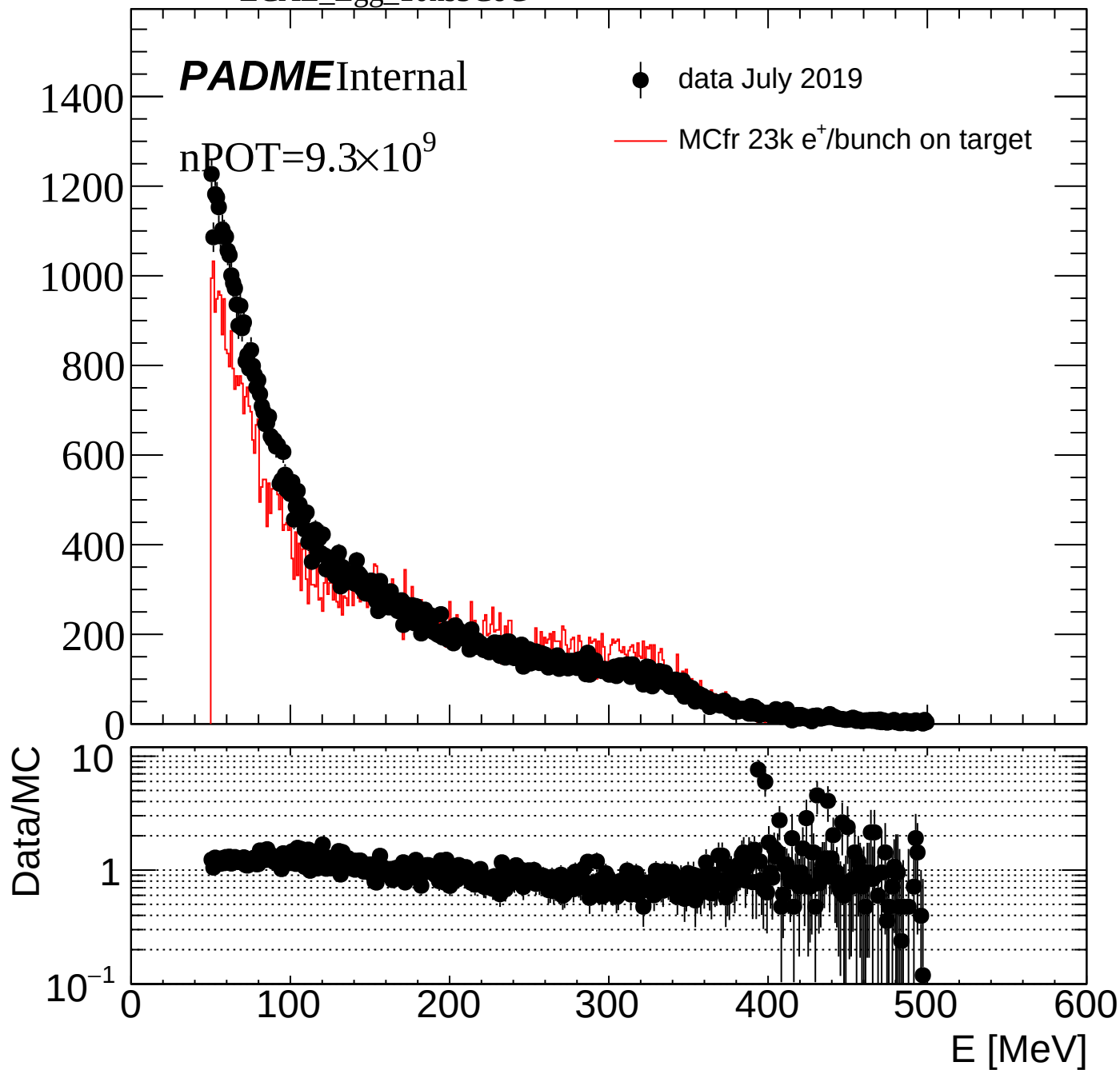
PADME Internal

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

● data July 2019

— MCfr 23k e⁺/bunch on target





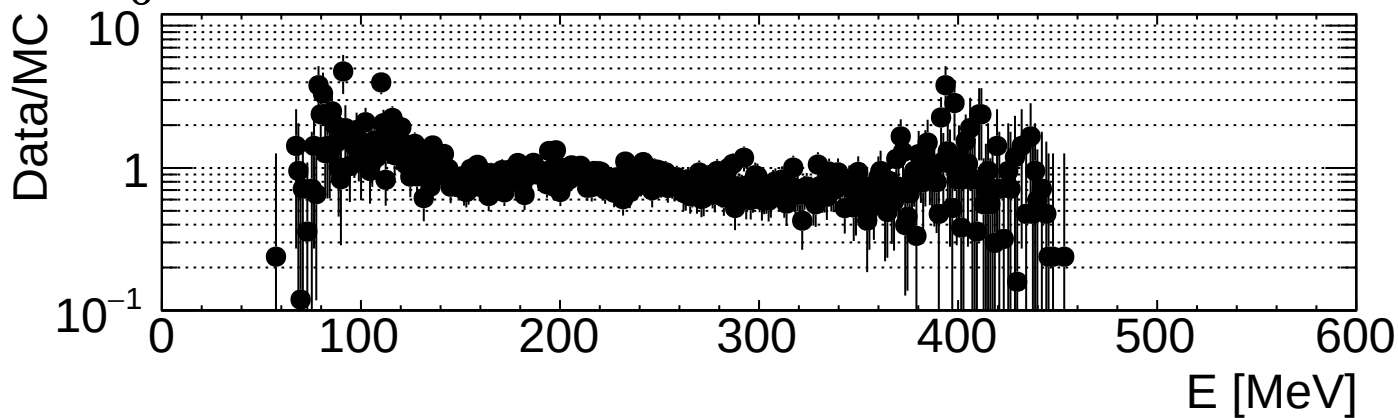
ECAL_Egg_10ns3CoGUnderPeak

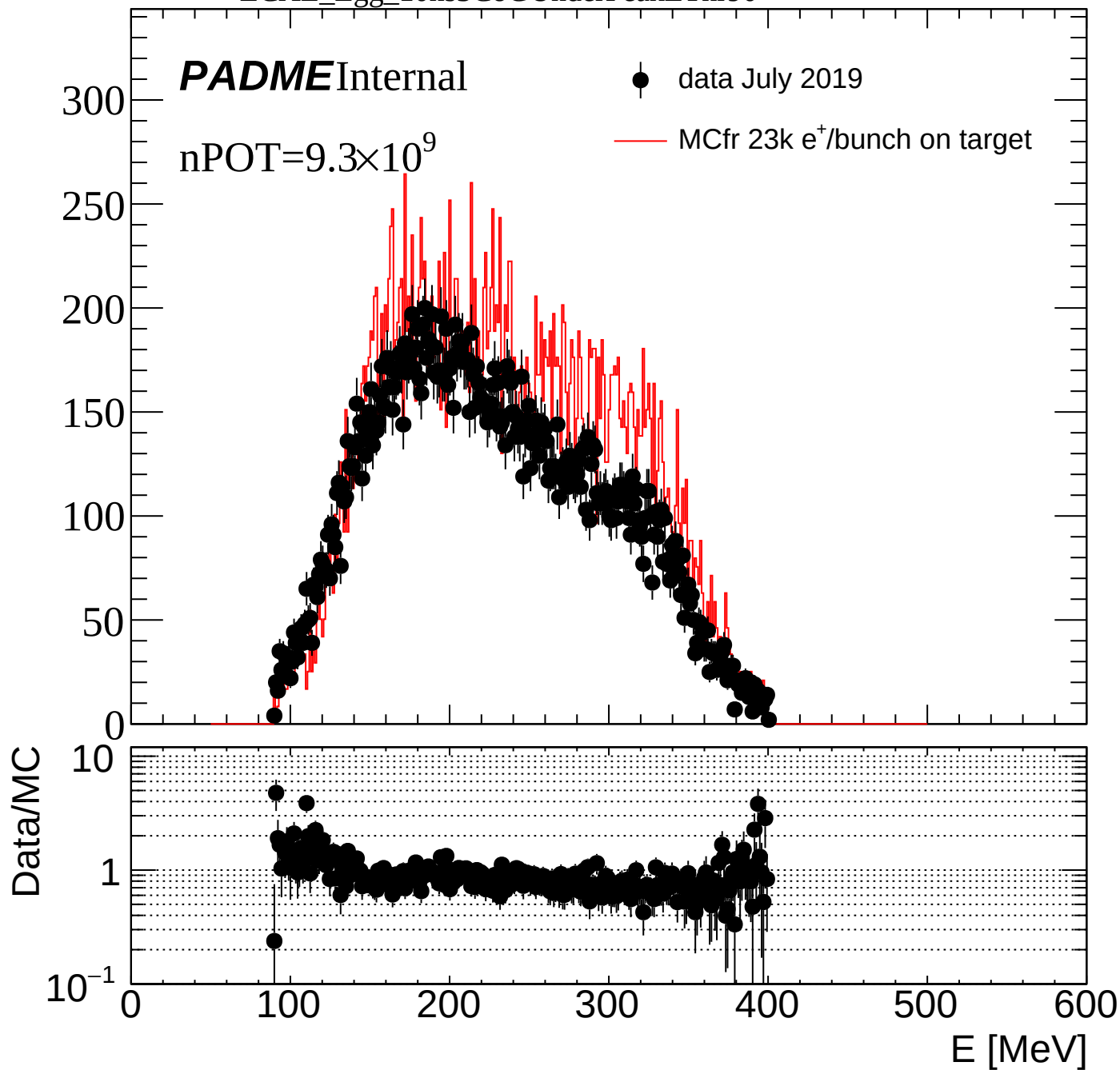
PADMEInternal

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

● data July 2019

— MCfr 23k e⁺/bunch on target





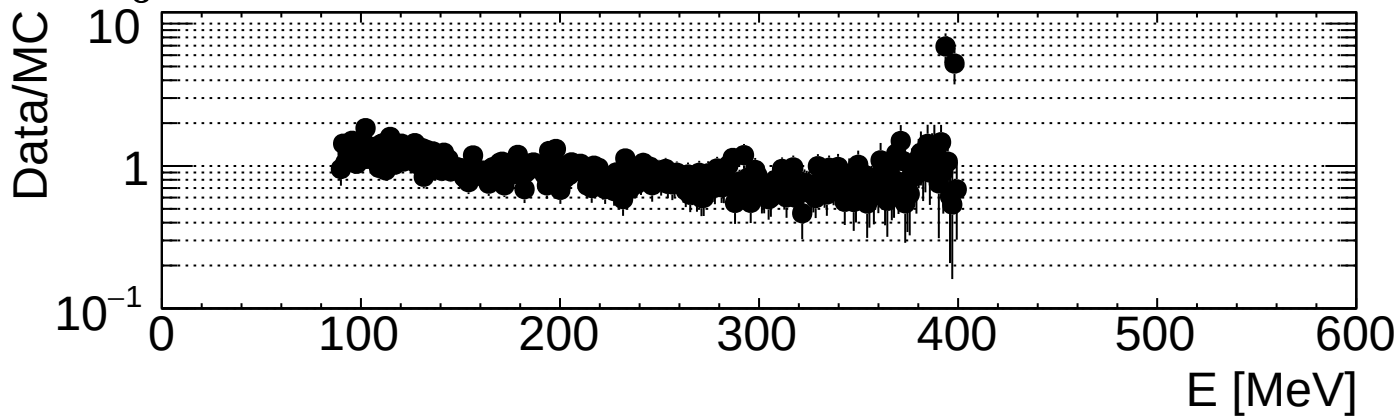
ECAL_Egg_10ns3CoGEThr90

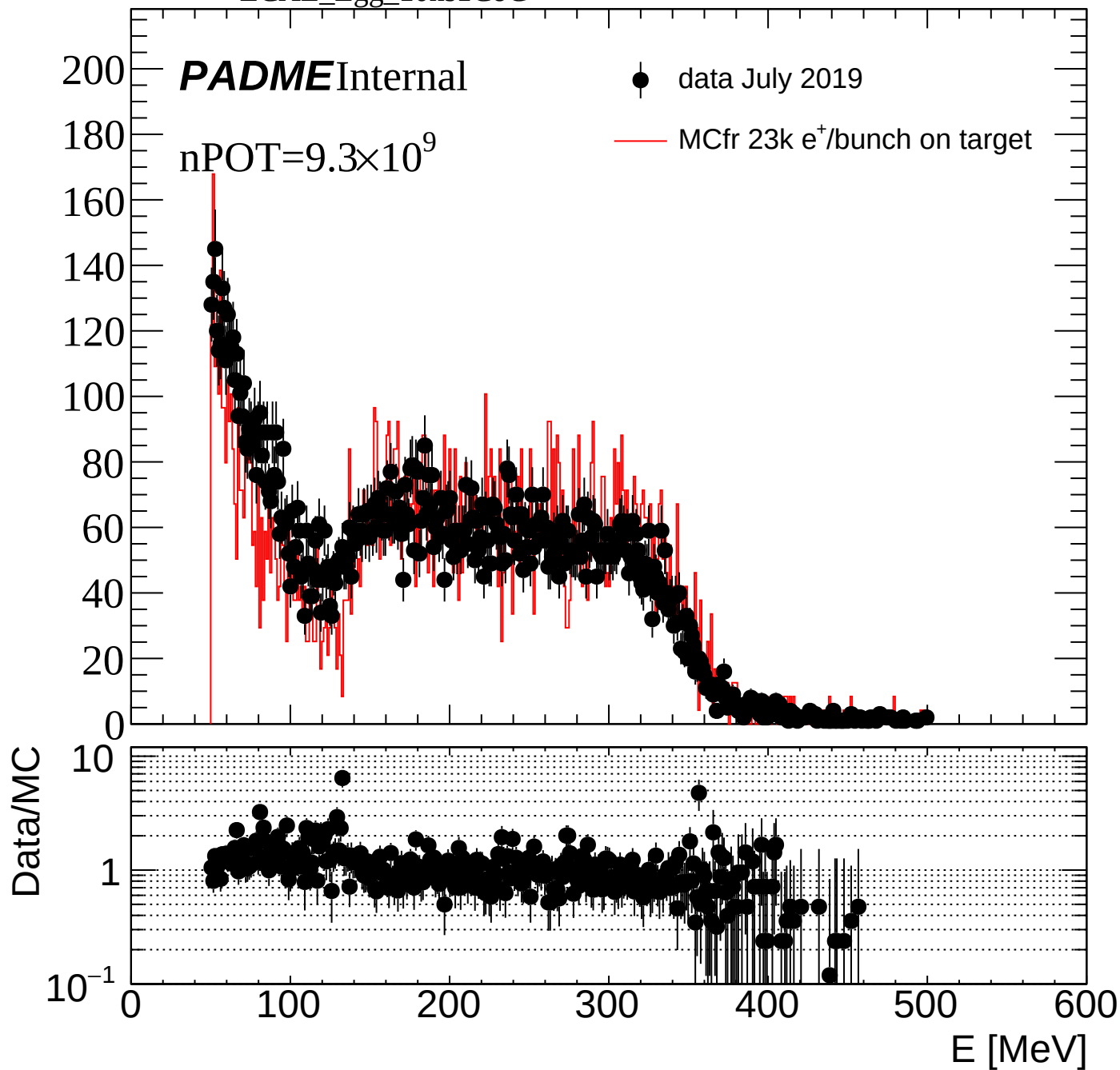
PADMEInternal

$nPOT=9.3\times 10^9$

● data July 2019

— MCfr 23k e⁺/bunch on target





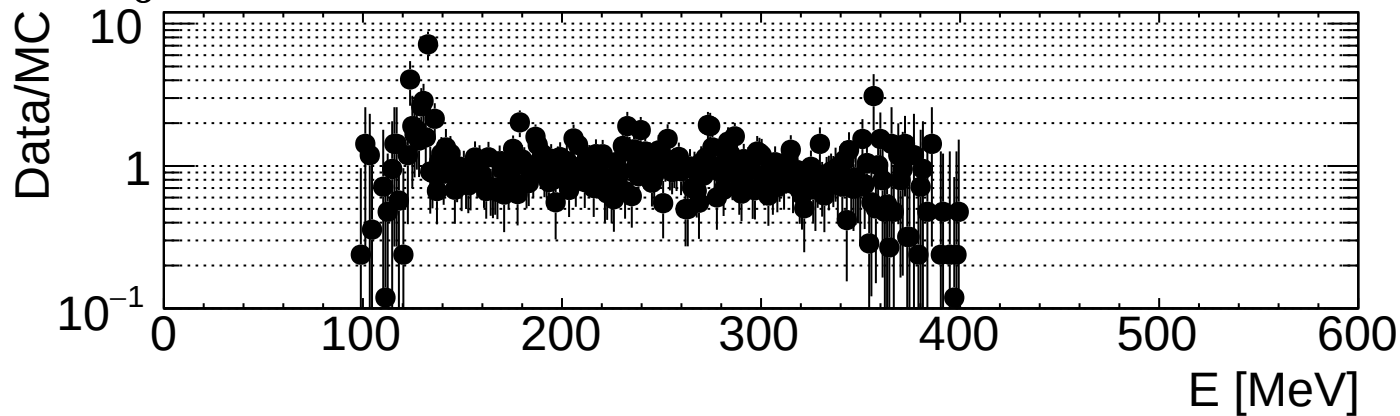
ECAL_Egg_10ns1CoGUnderPeak

PADMEInternal

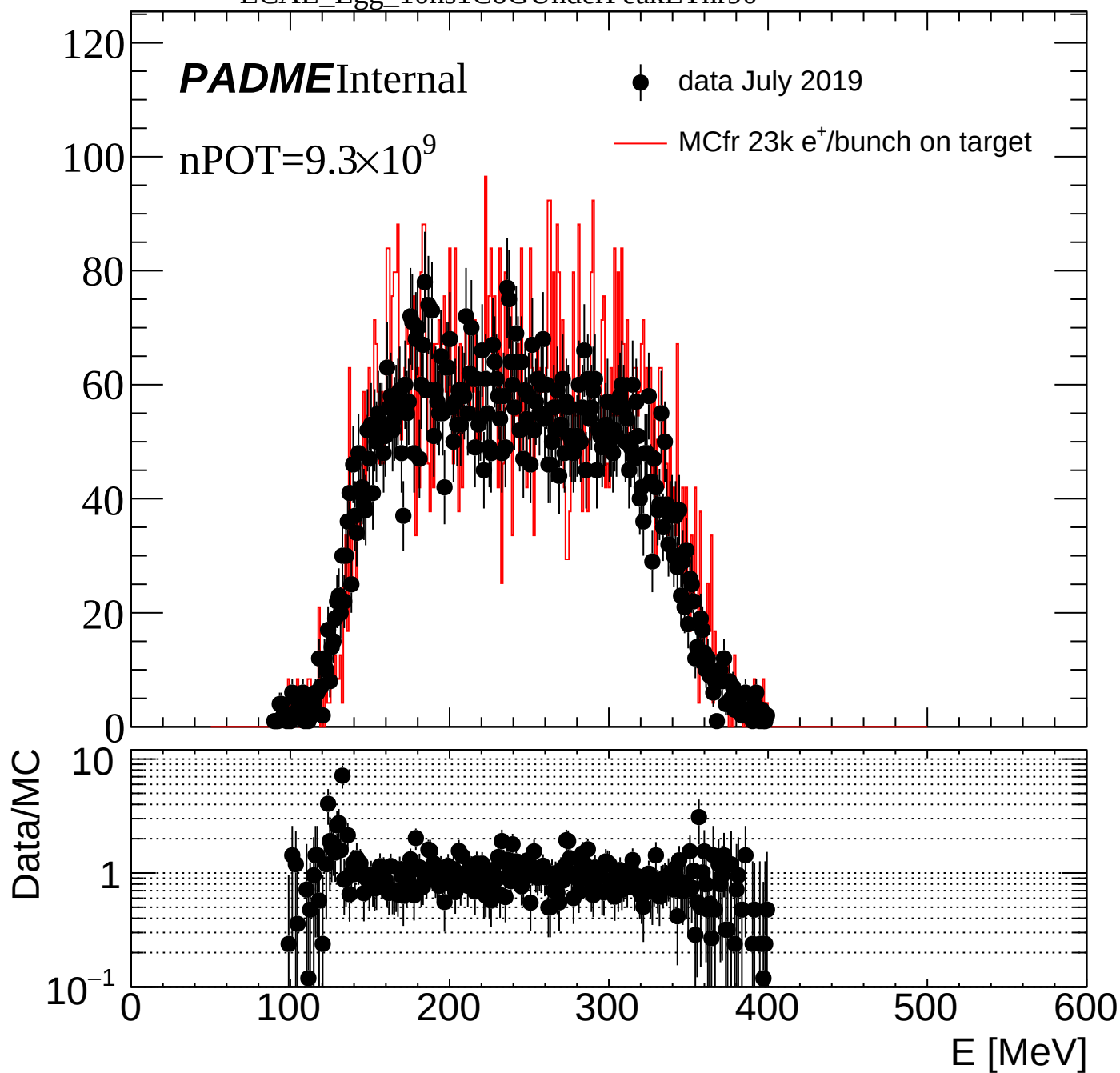
nPOT=9.3×10⁹

● data July 2019

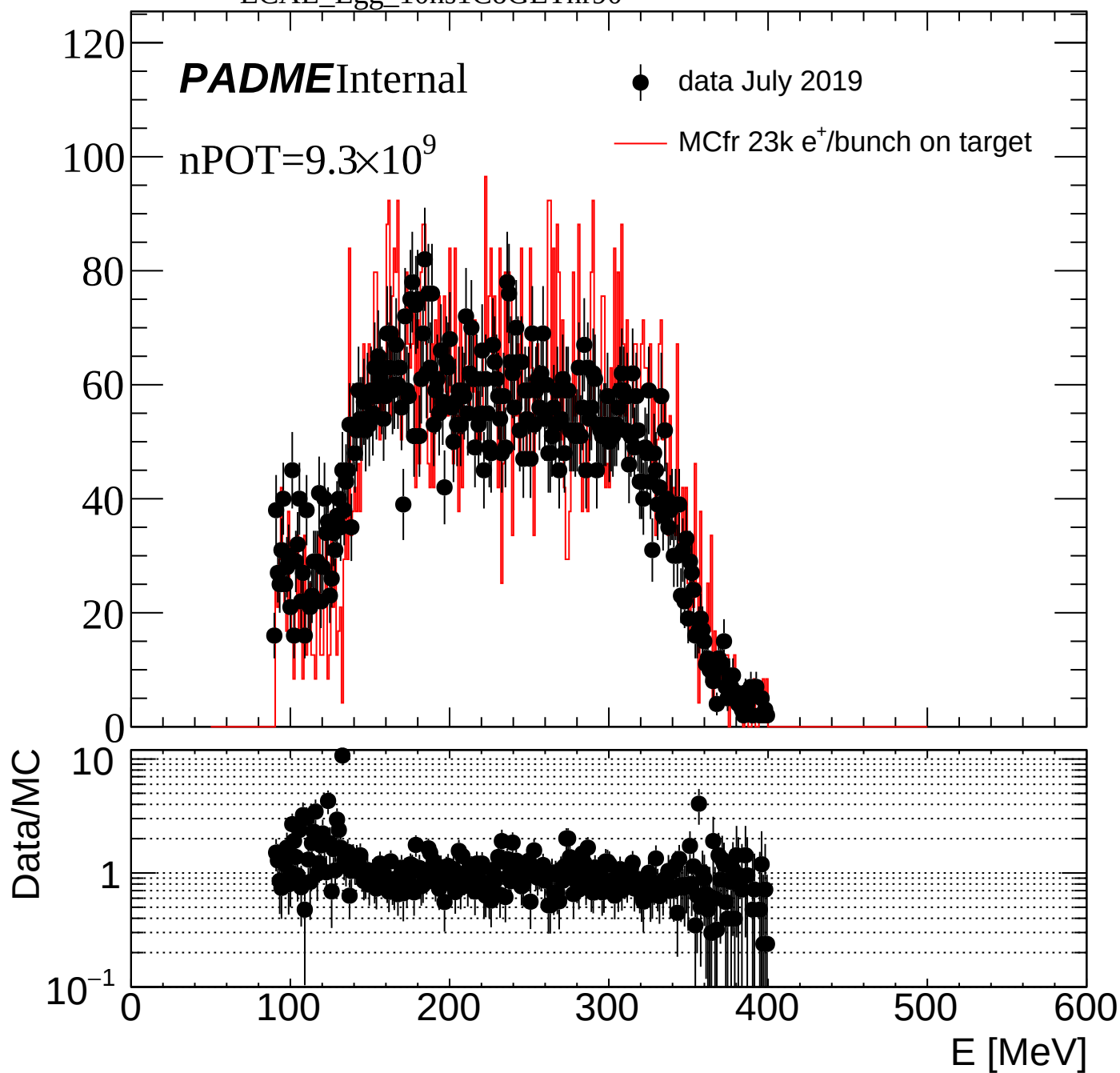
— MCfr 23k e⁺/bunch on target

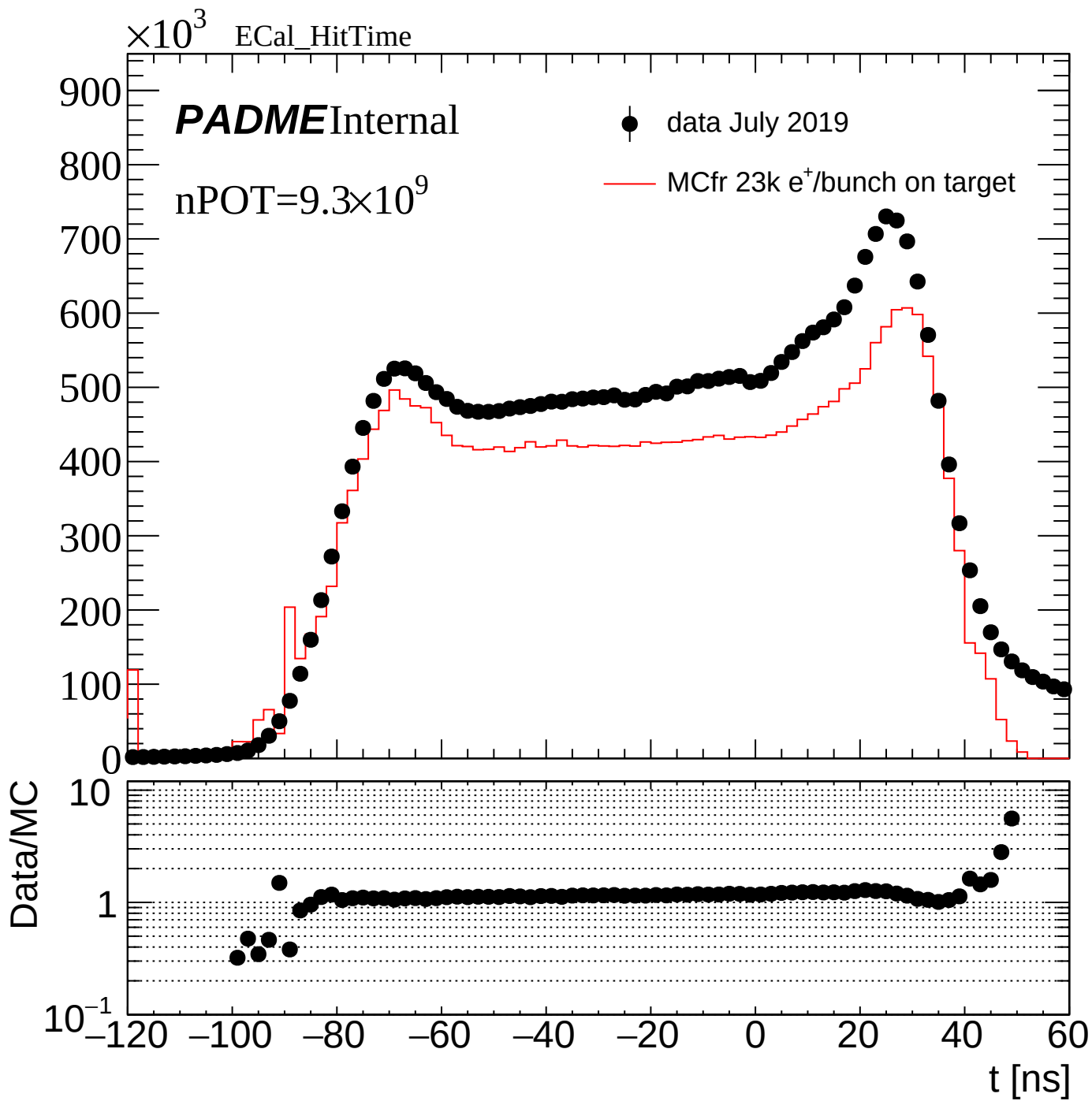


ECAL_Egg_10ns1CoGUnderPeakEThr90



ECAL_Egg_10ns1CoGEThr90





ECal_ClusterTime

