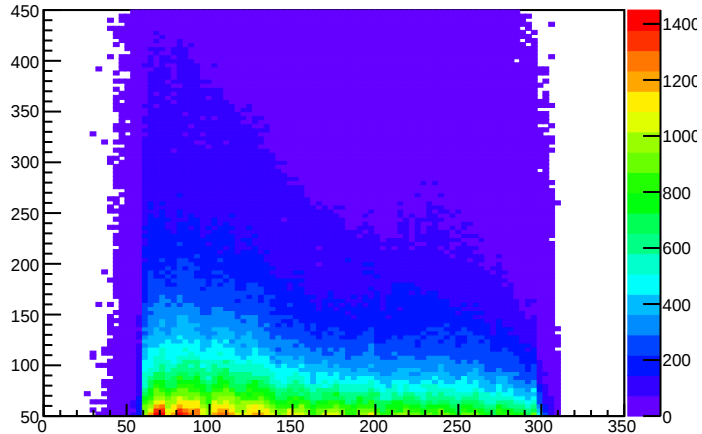
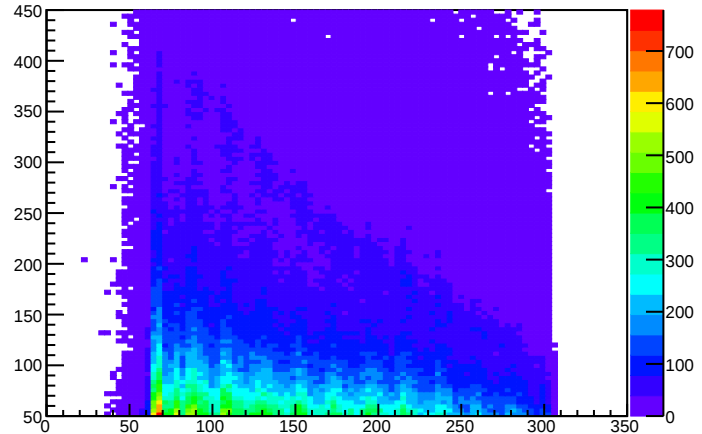


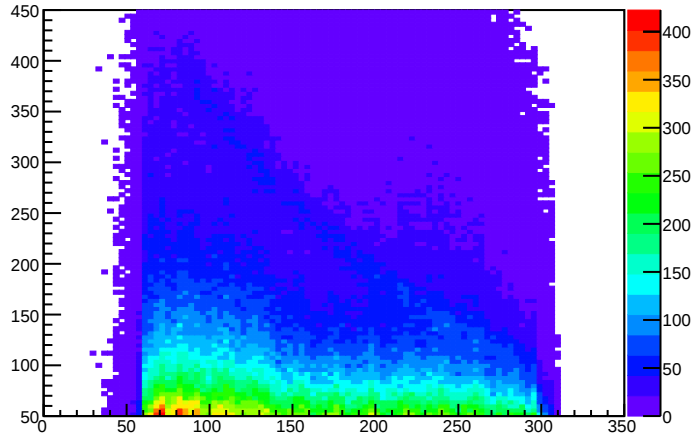
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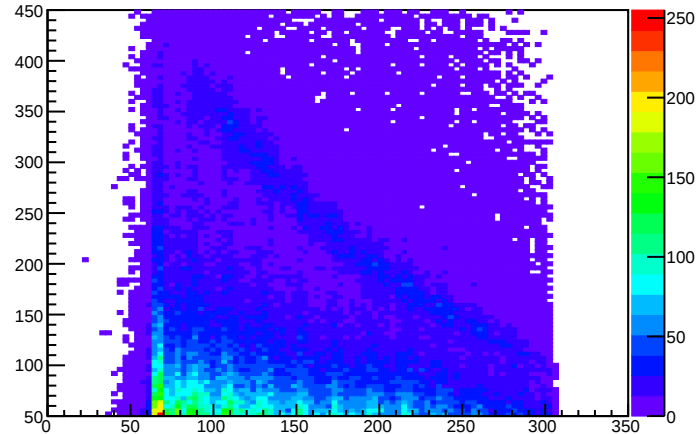
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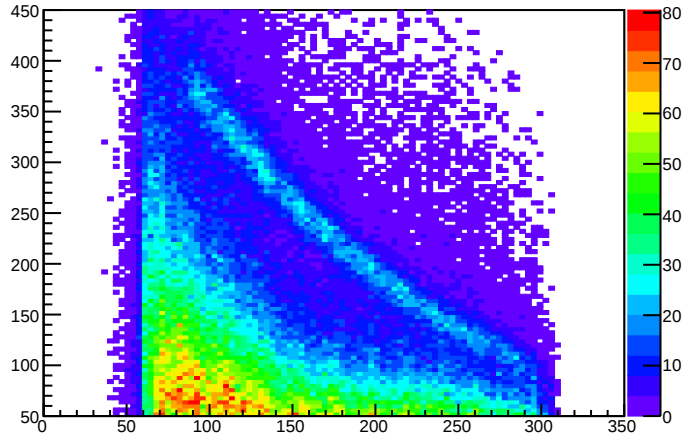
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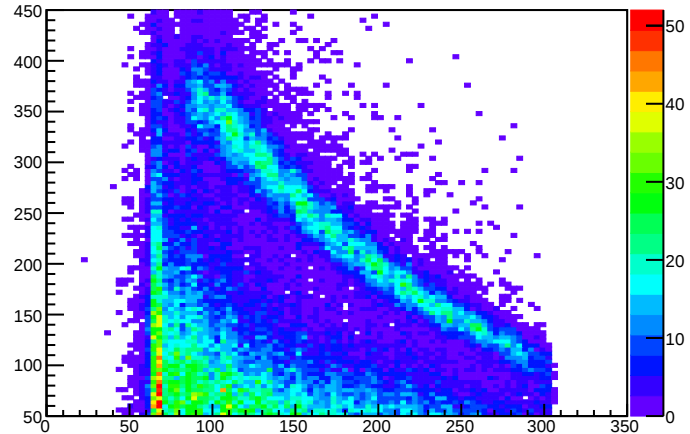
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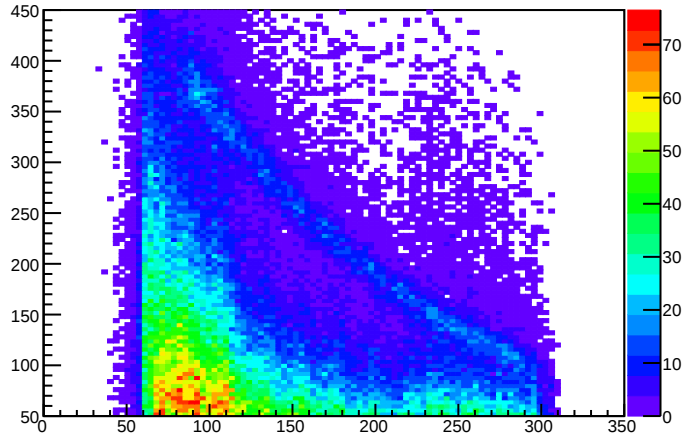
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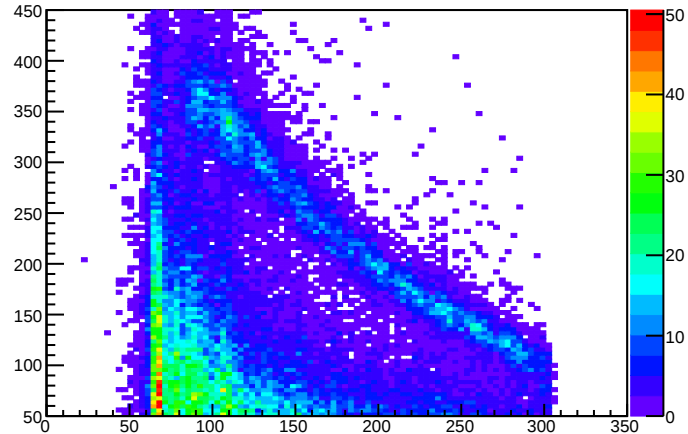
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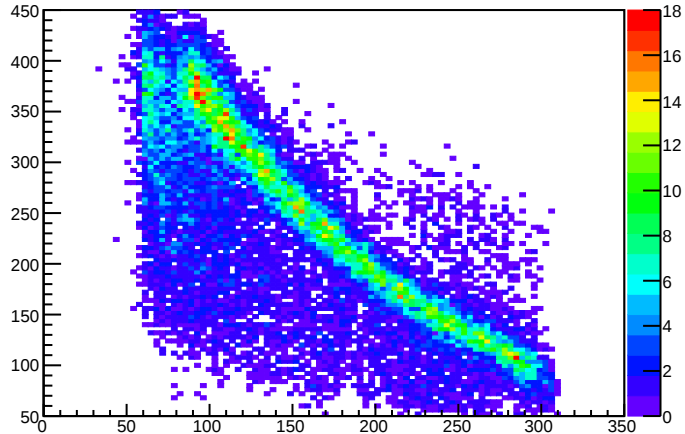
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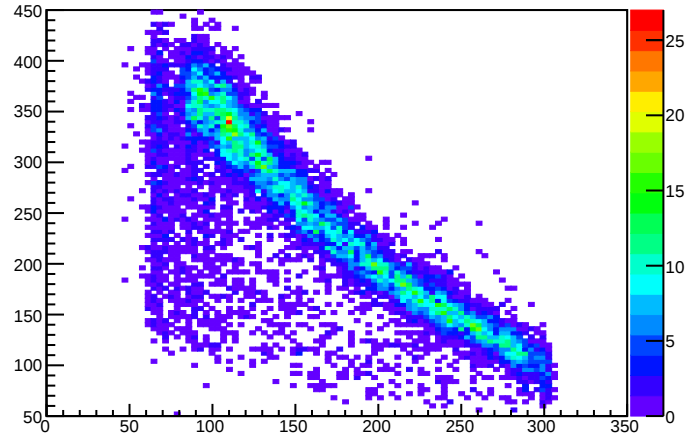
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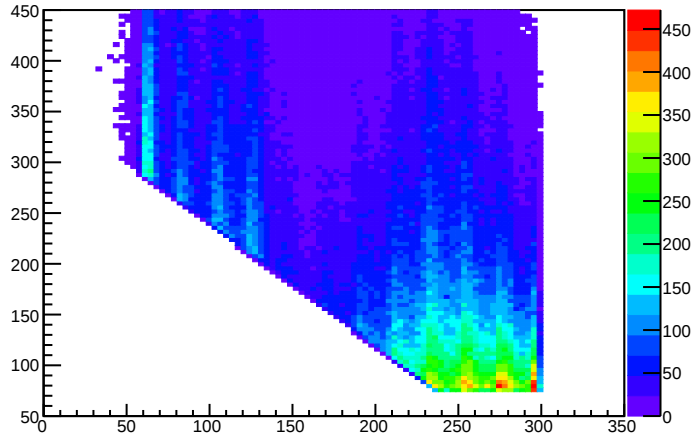
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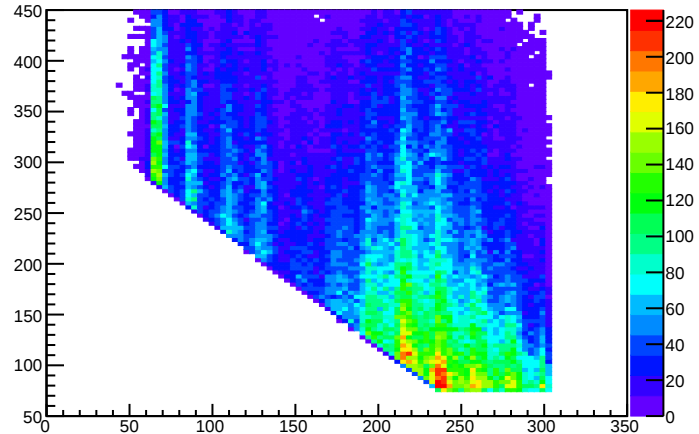
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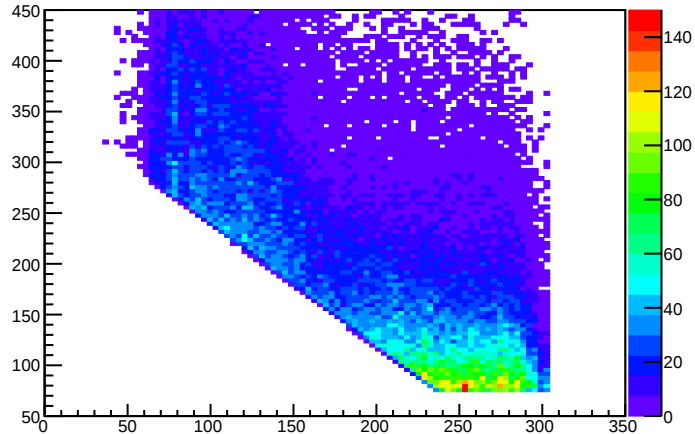
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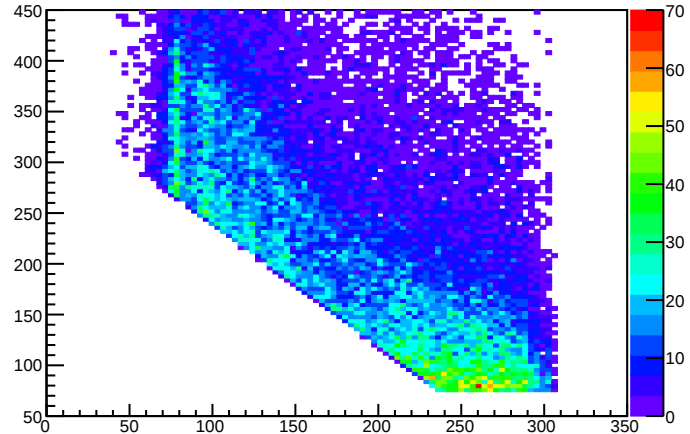
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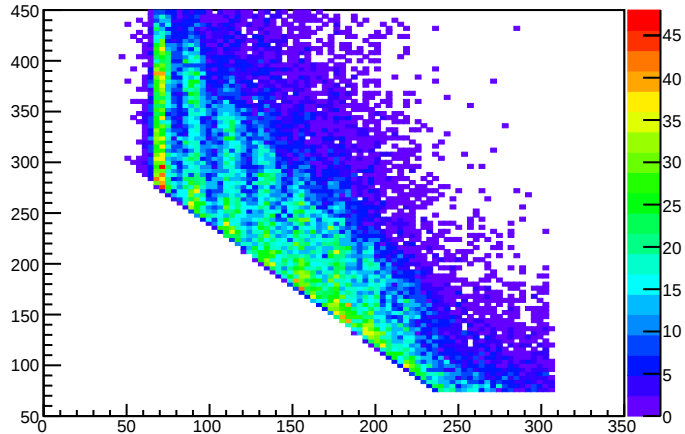
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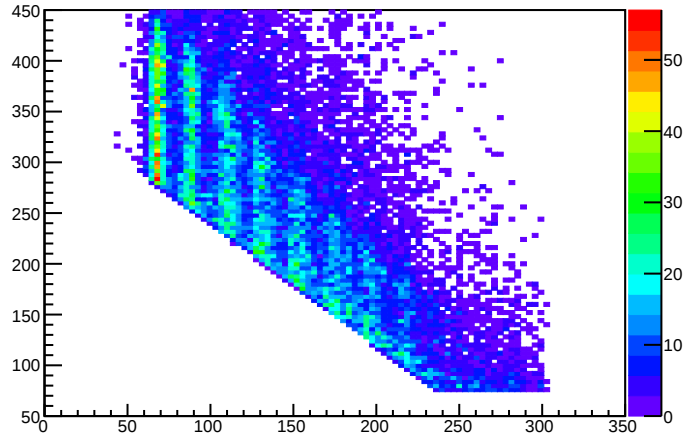
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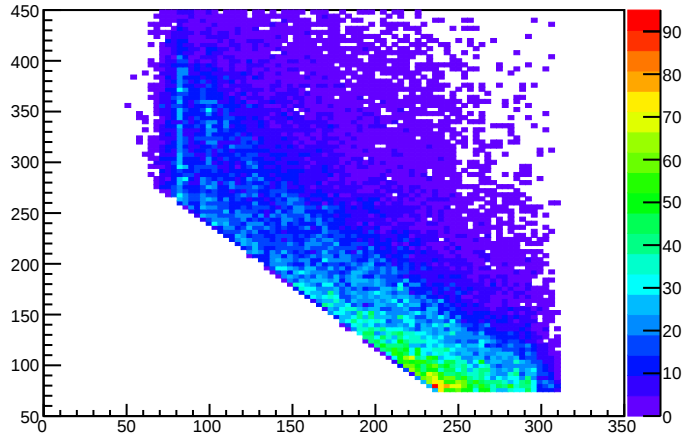
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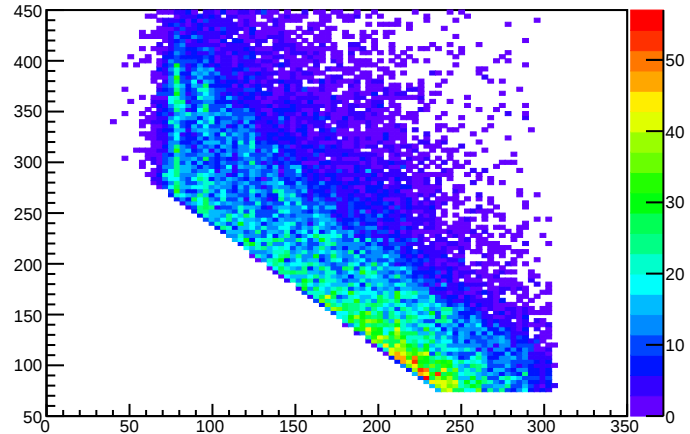
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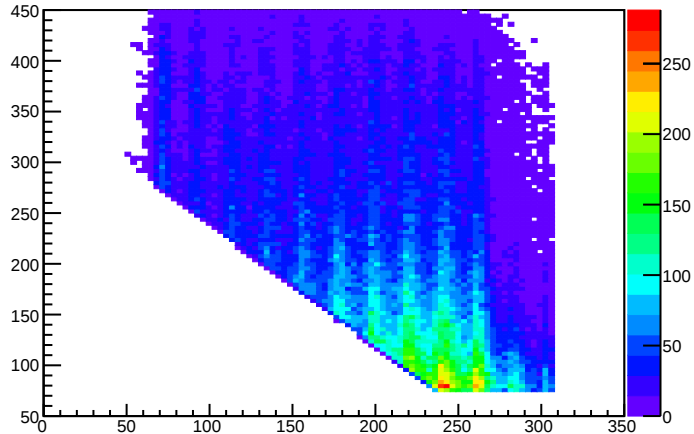
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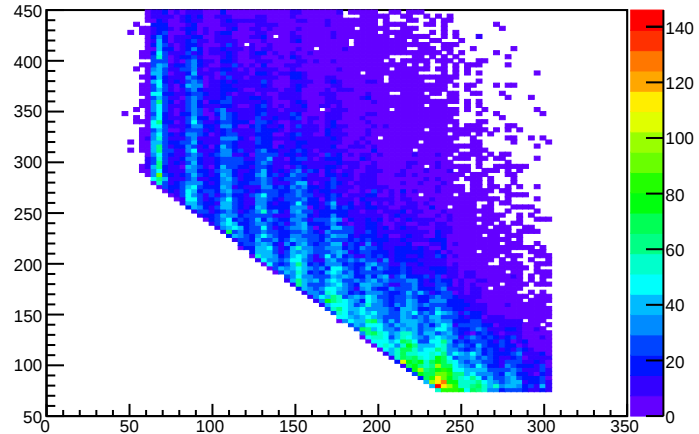
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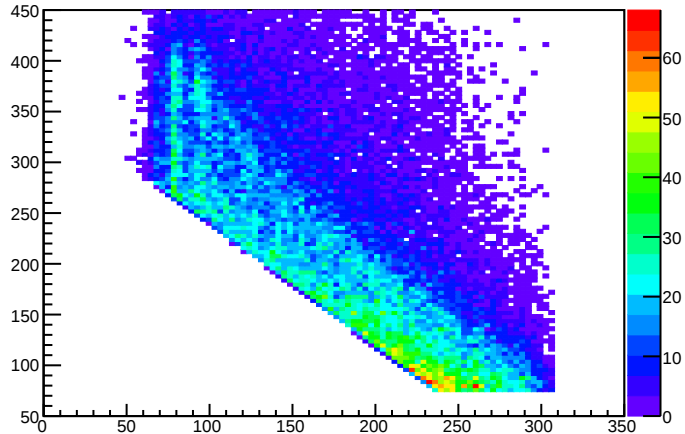
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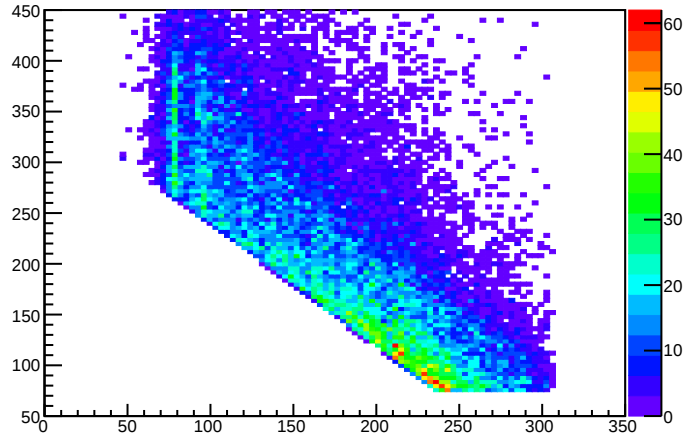
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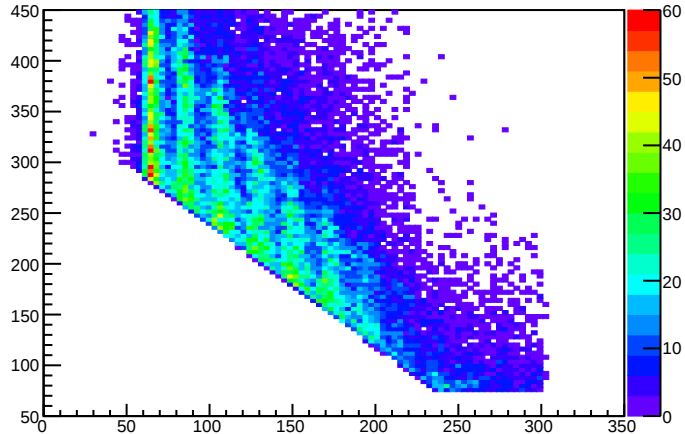
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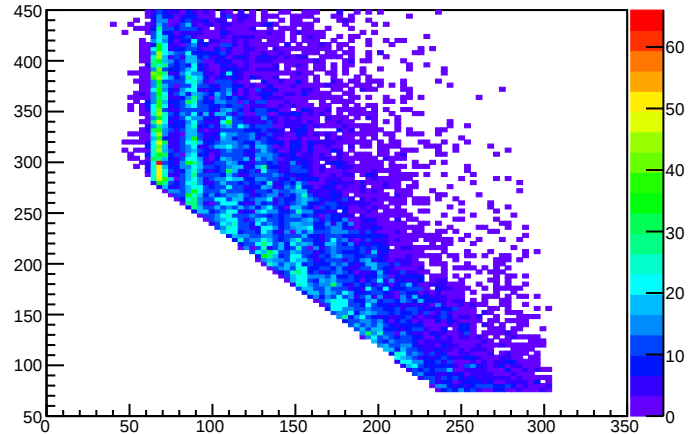
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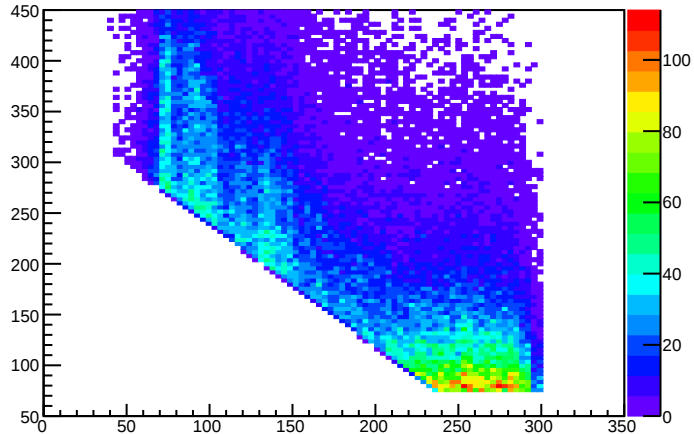
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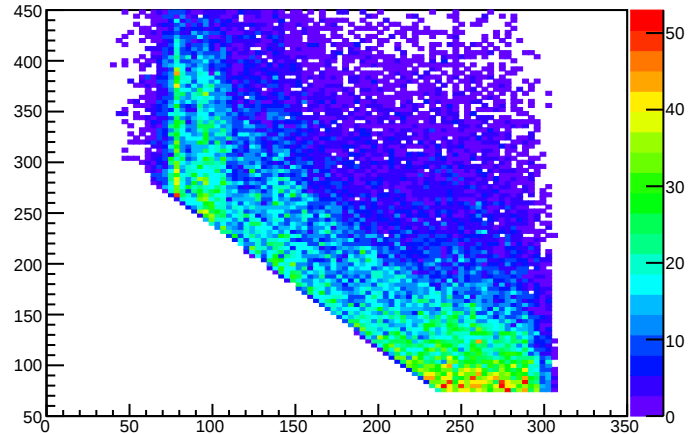
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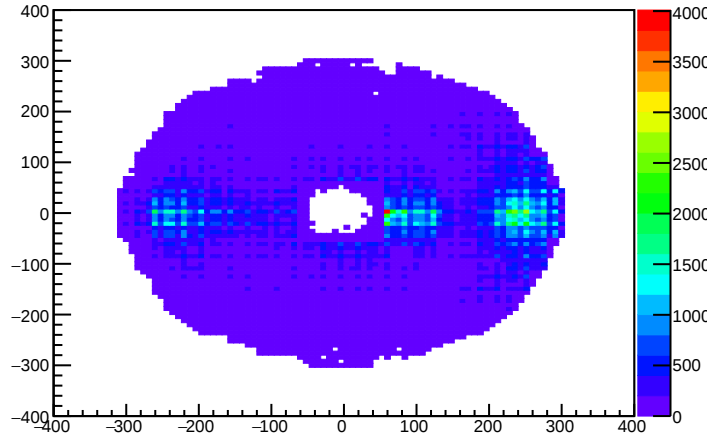
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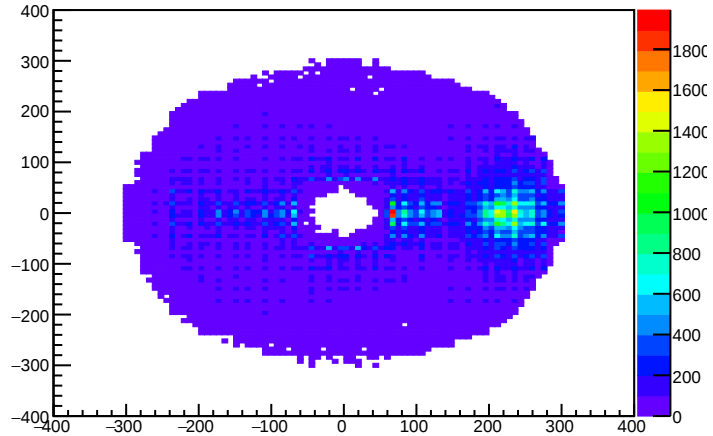
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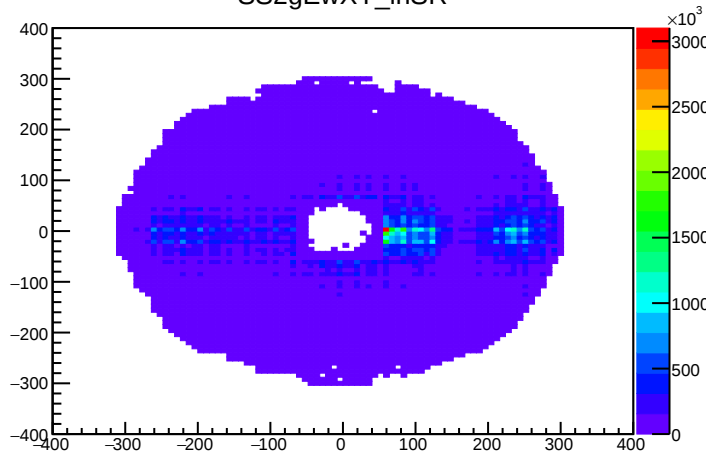
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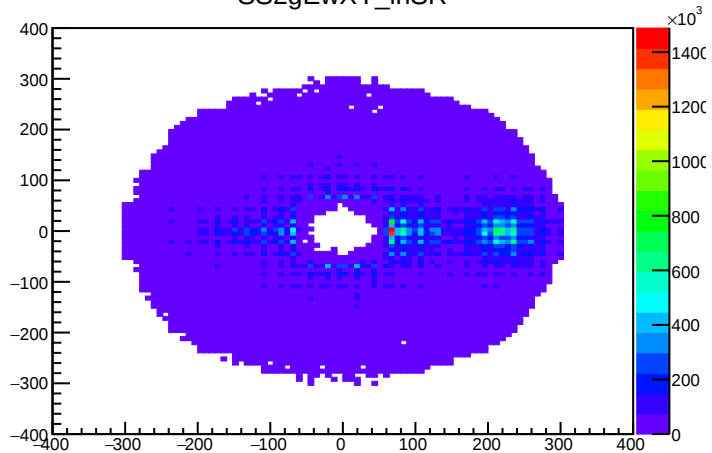
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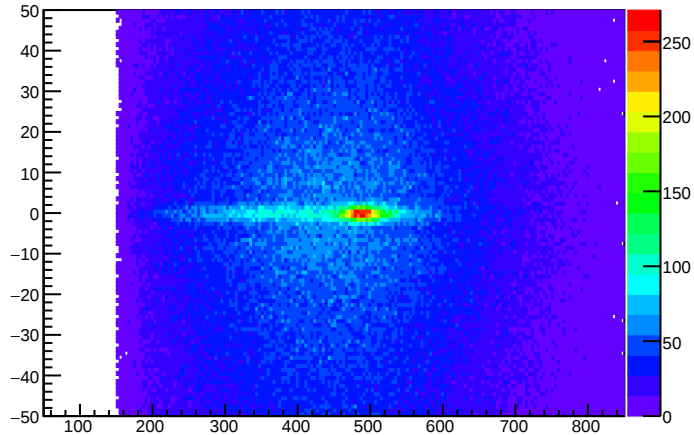
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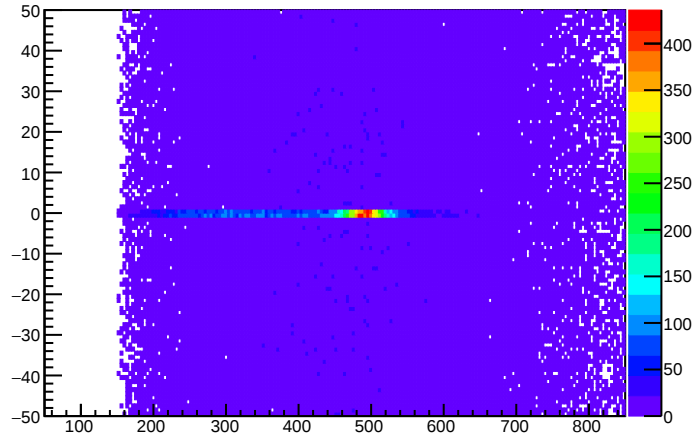
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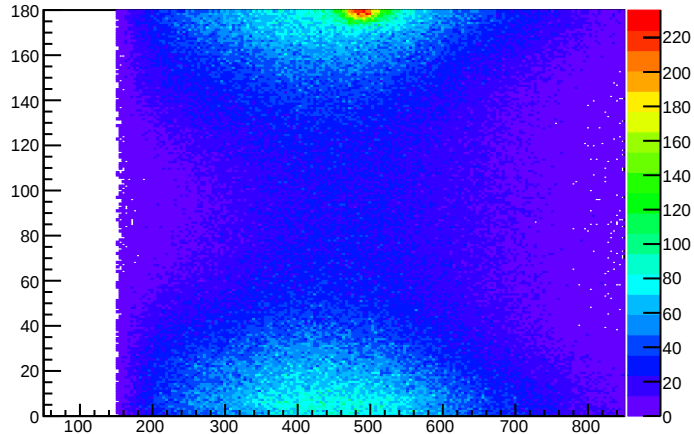
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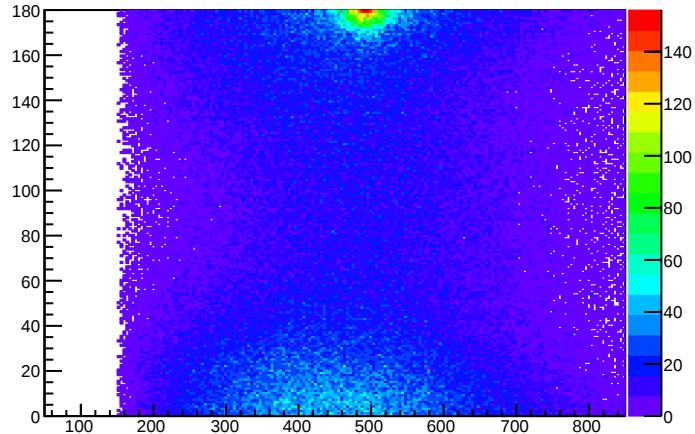
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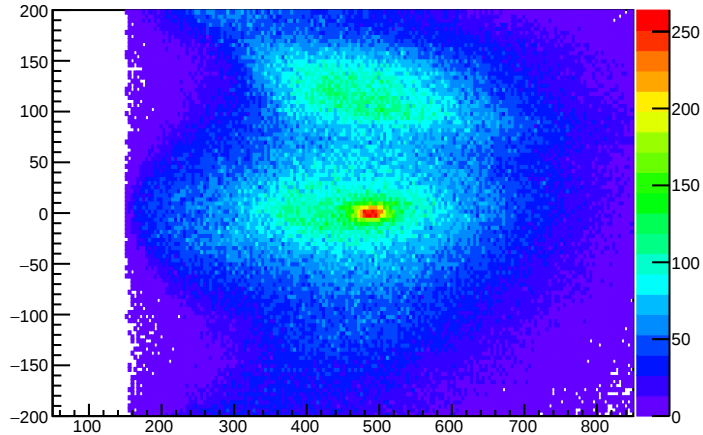
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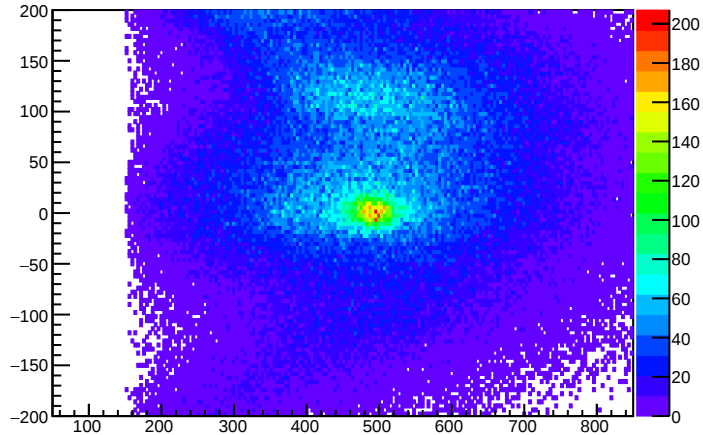
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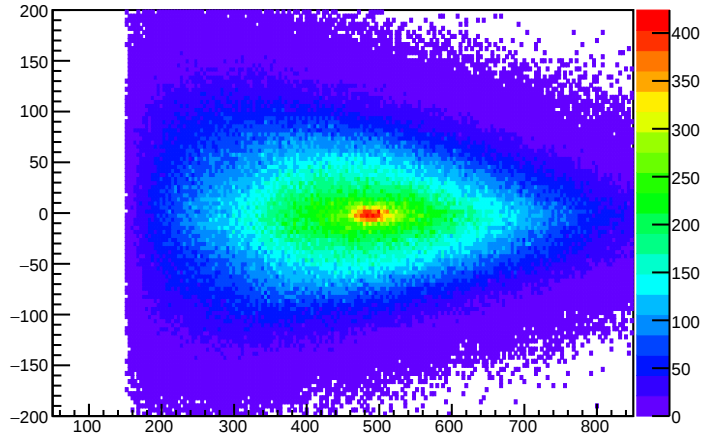
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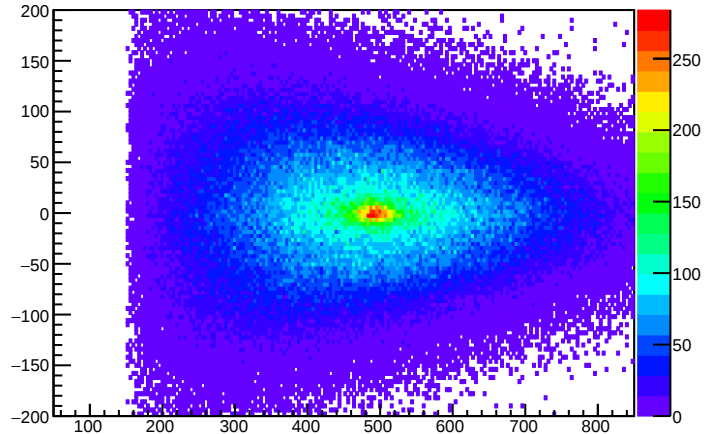
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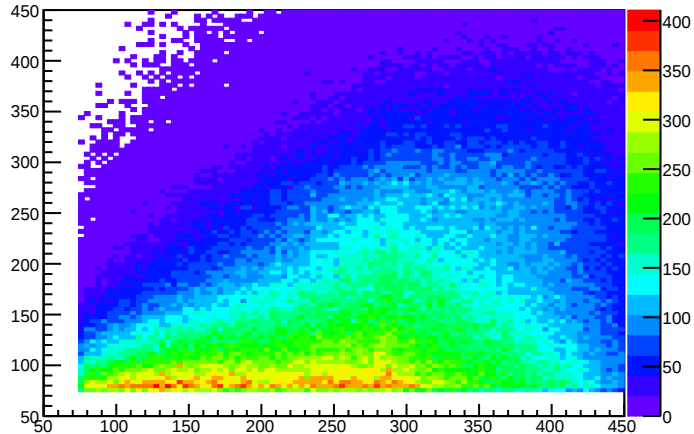
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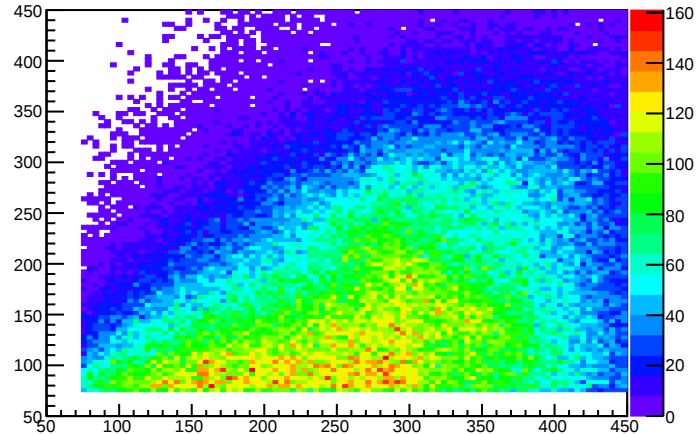
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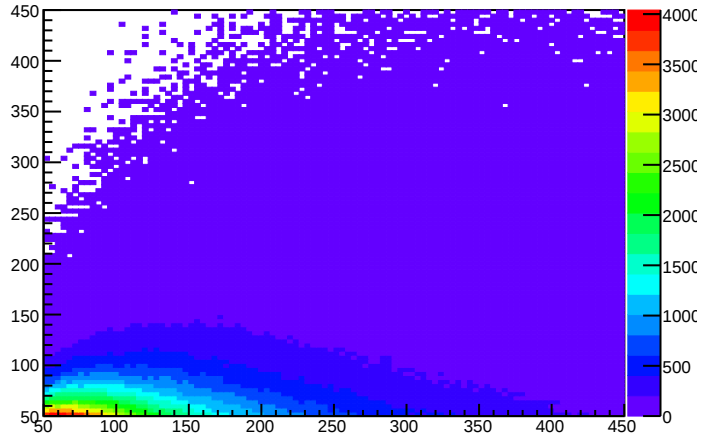
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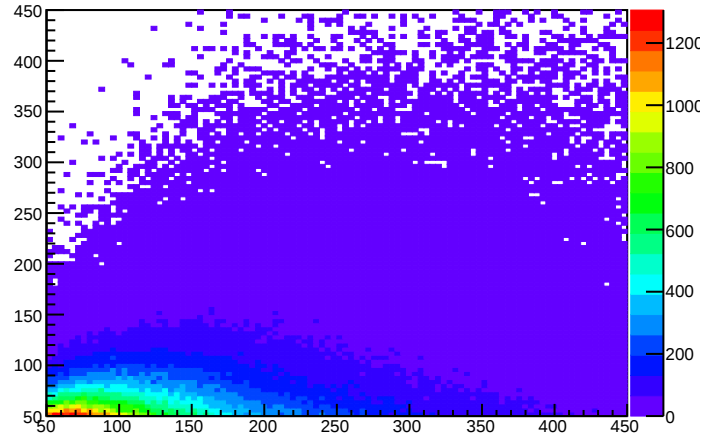
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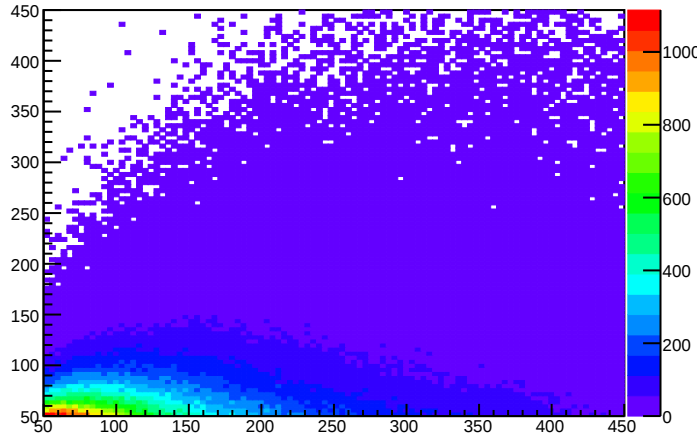
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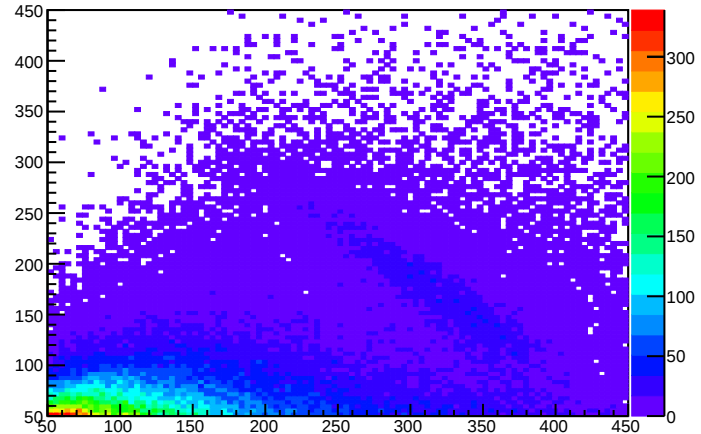
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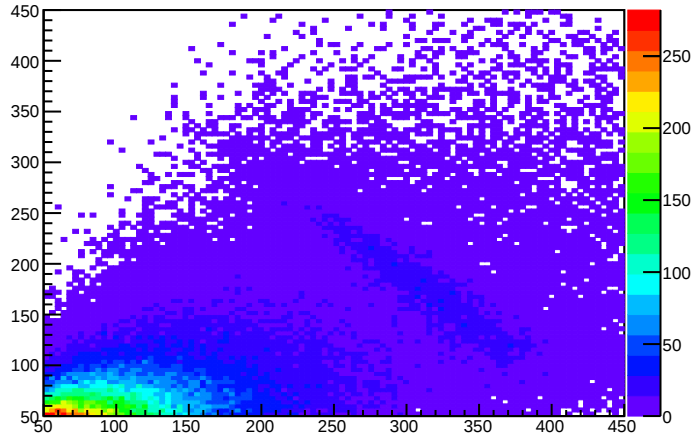
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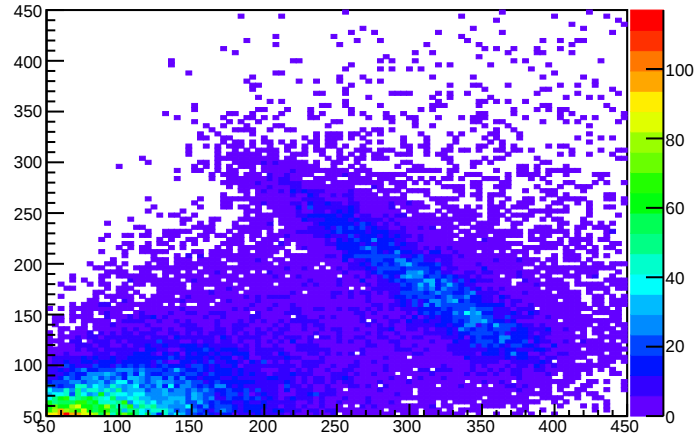
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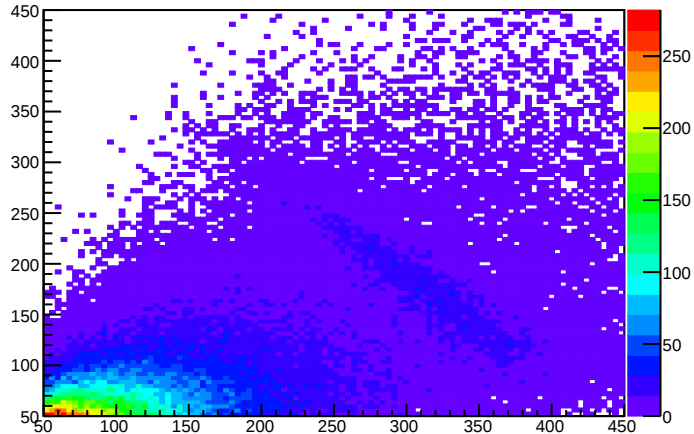
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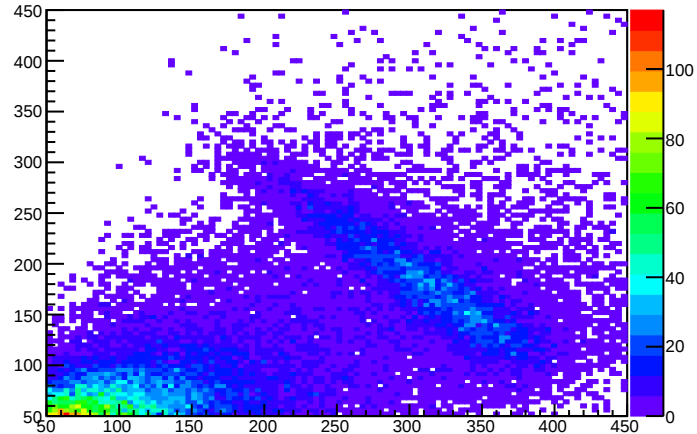
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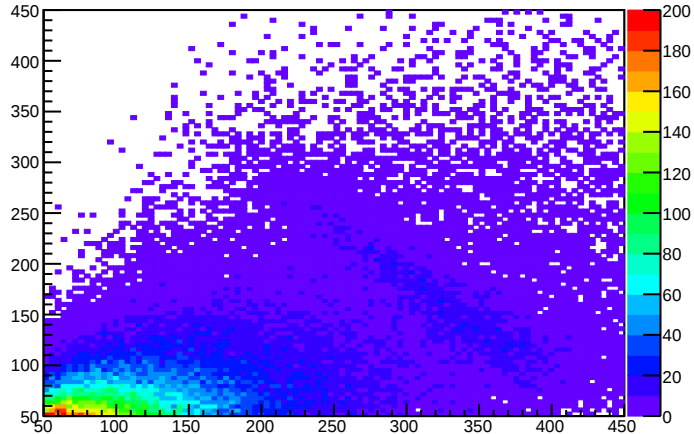
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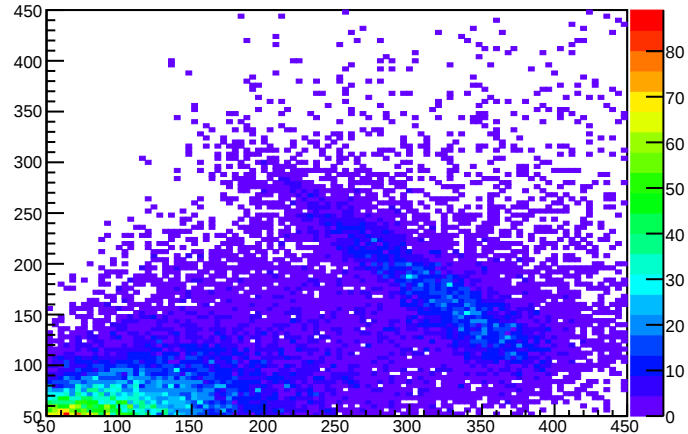
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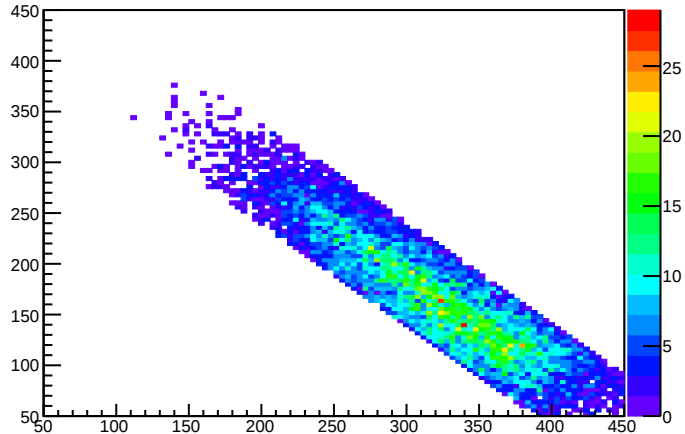
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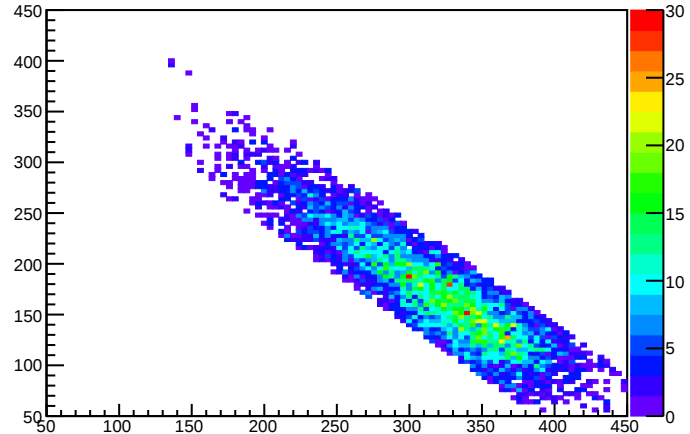
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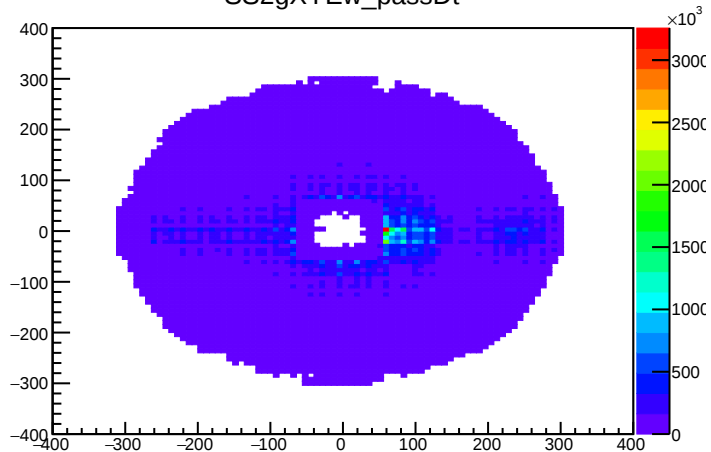
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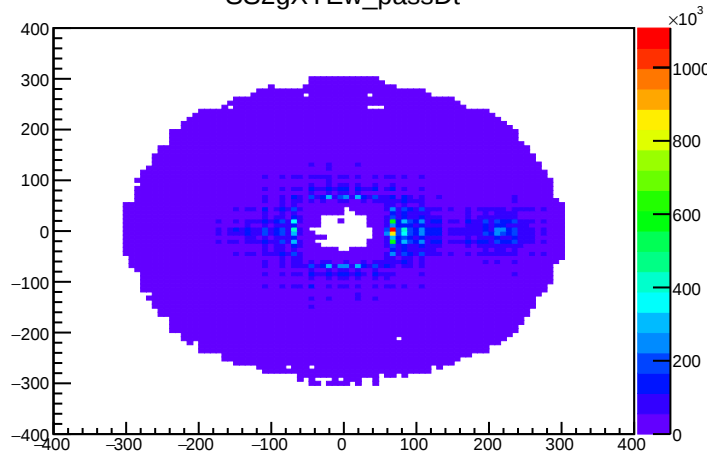
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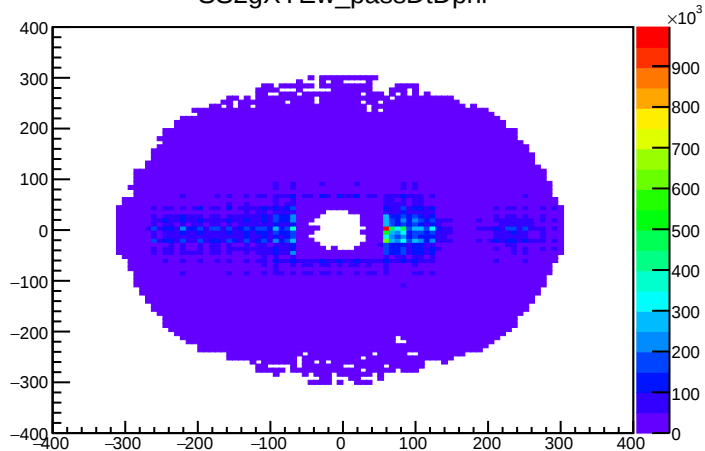
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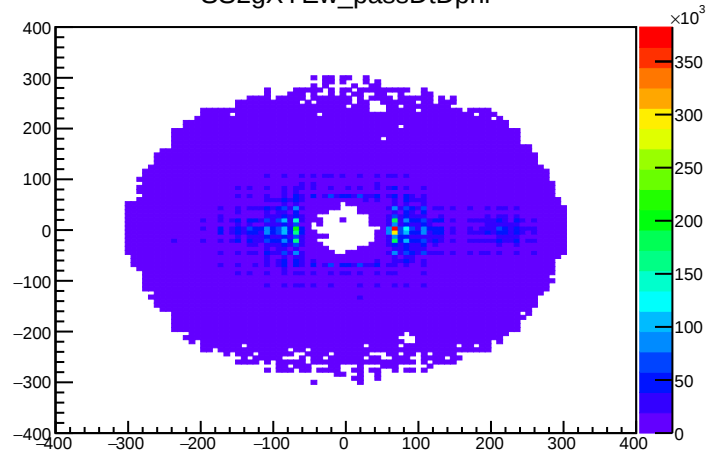
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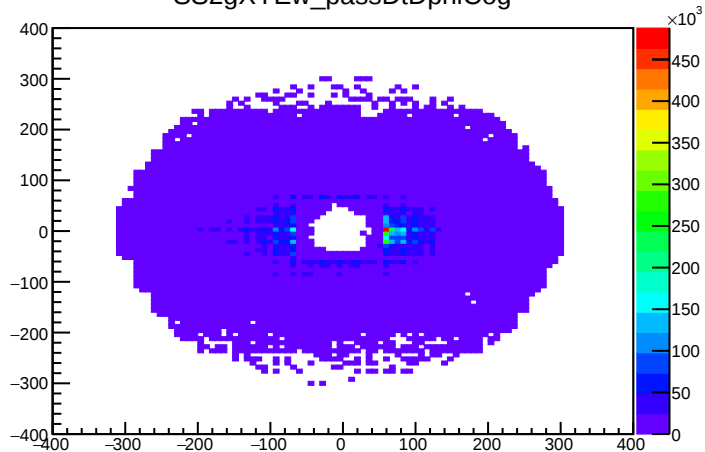
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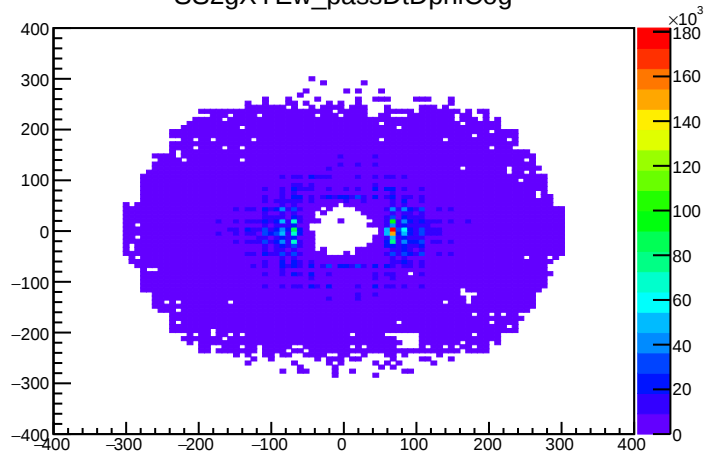
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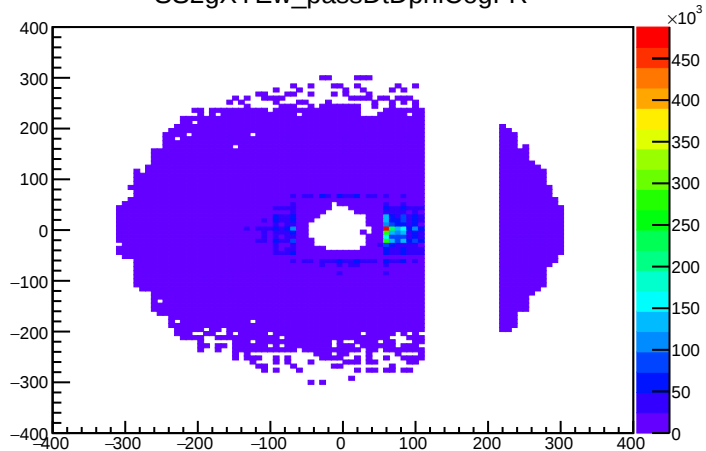
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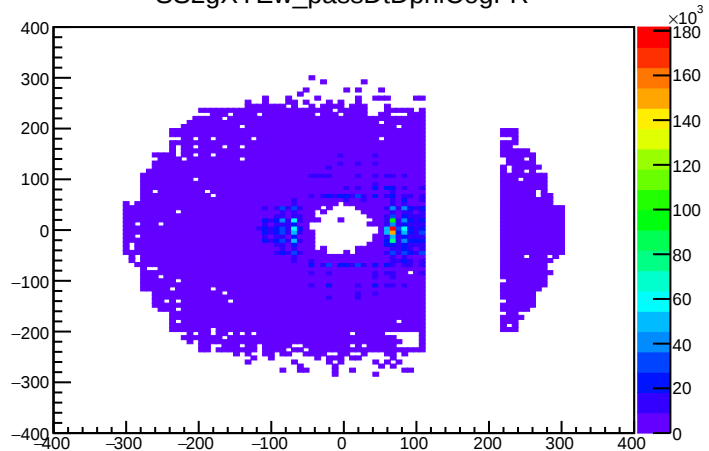
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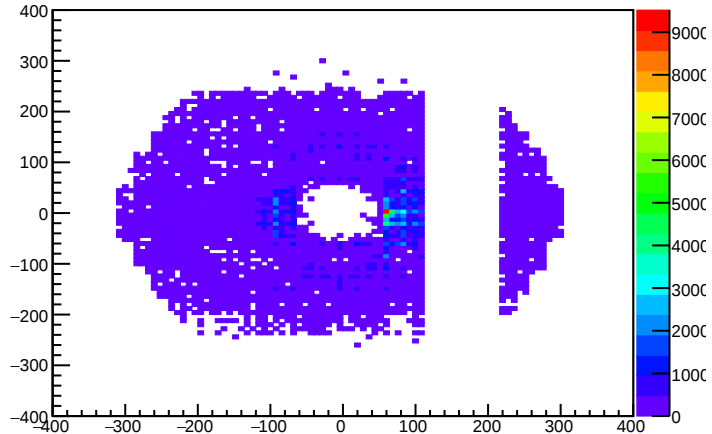
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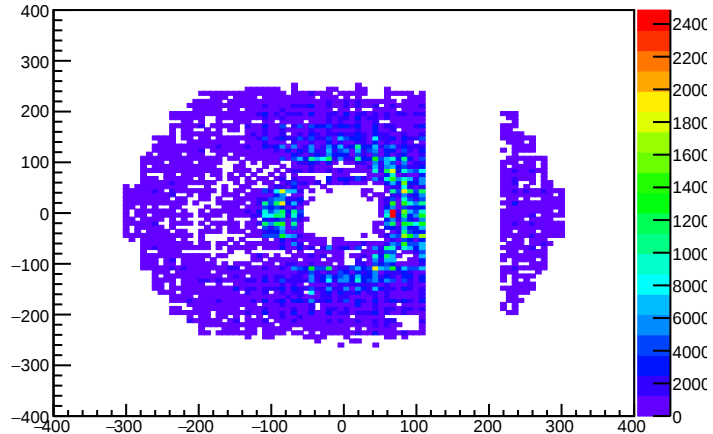
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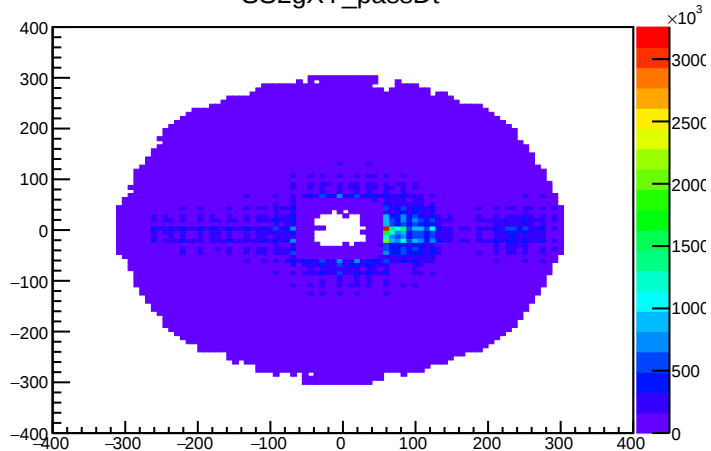
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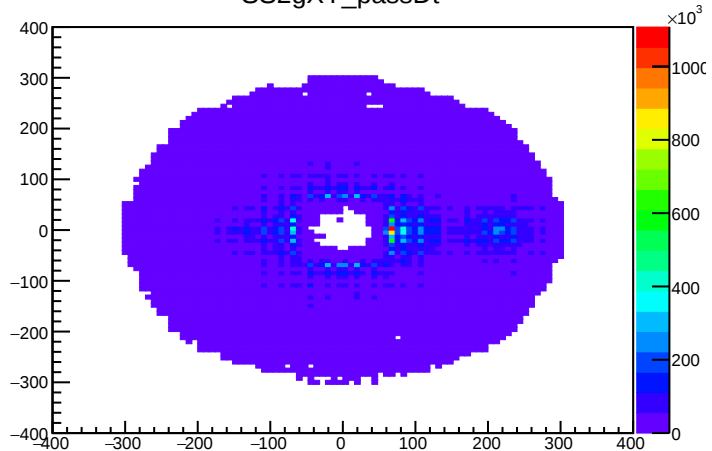
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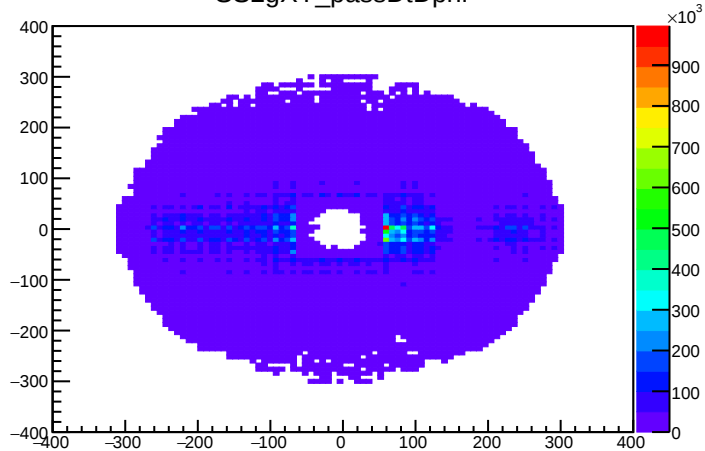
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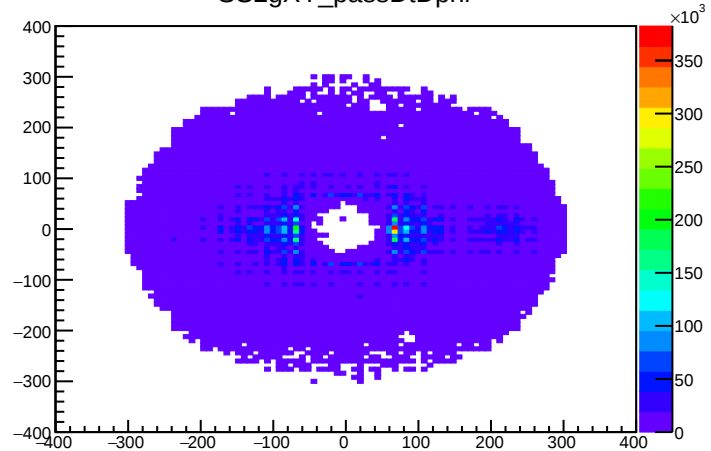
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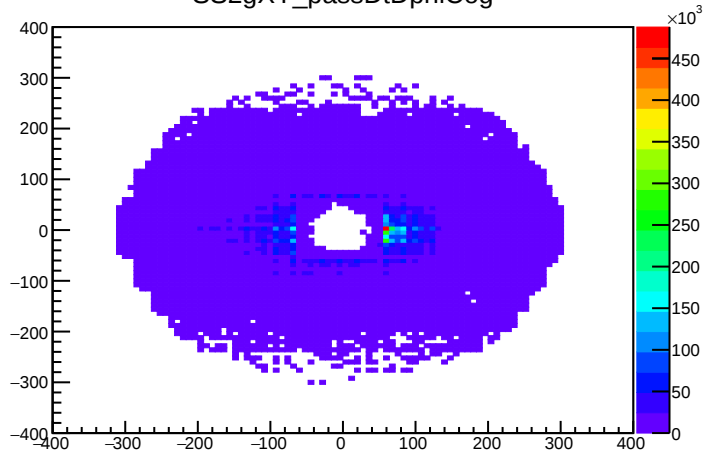
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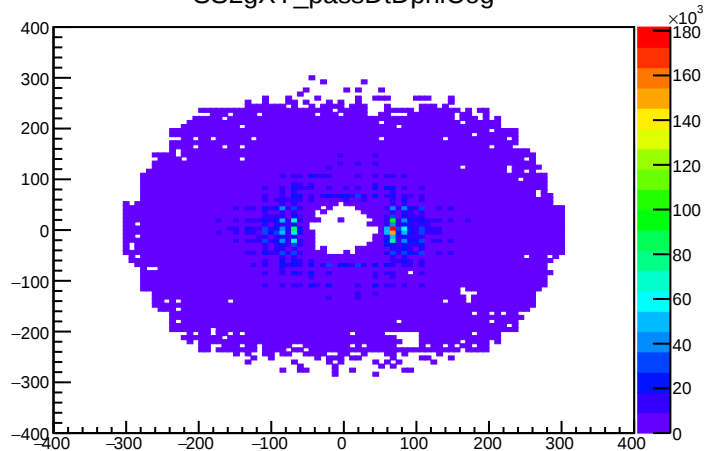
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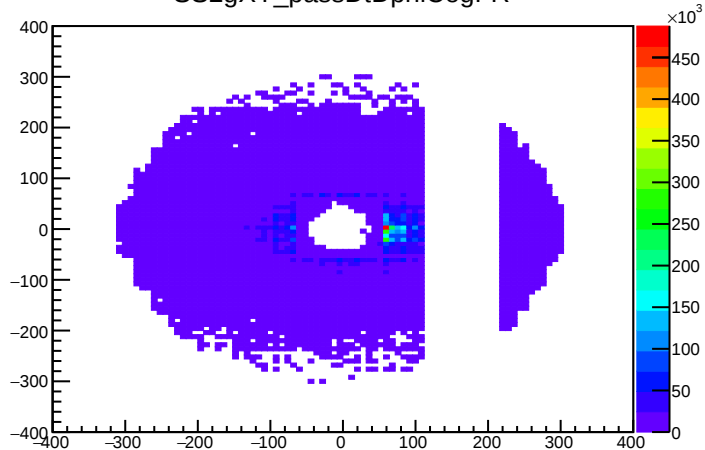
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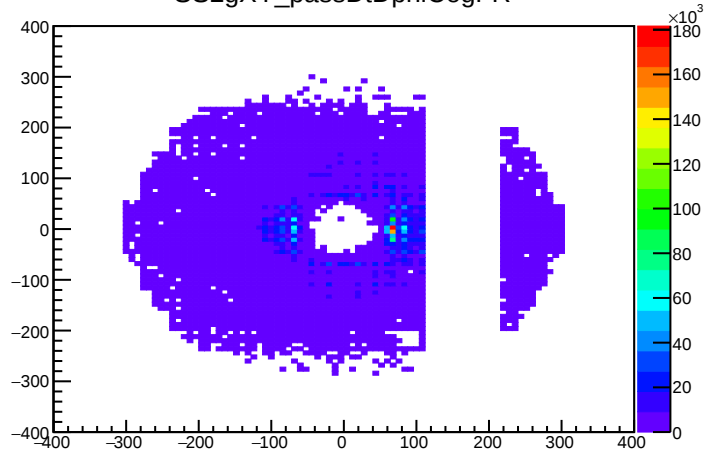
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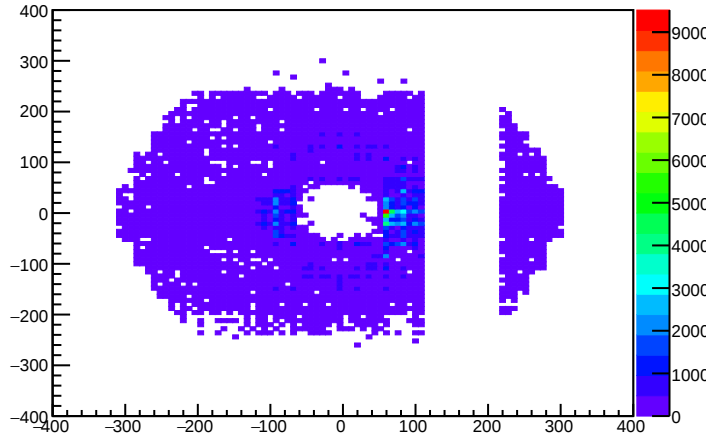
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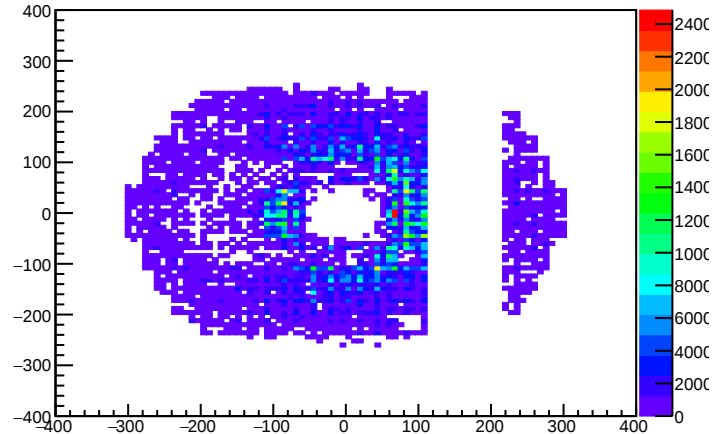
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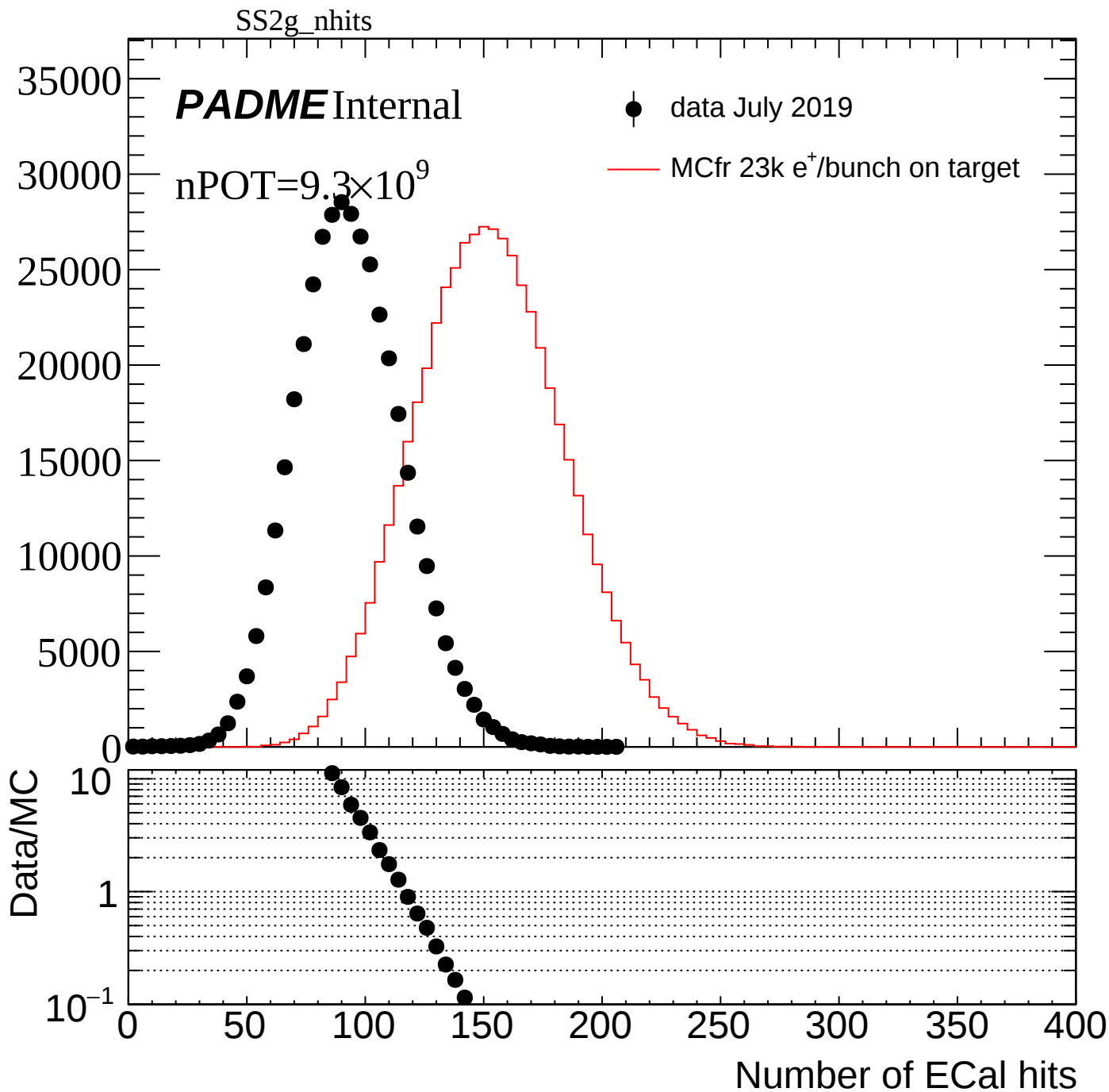


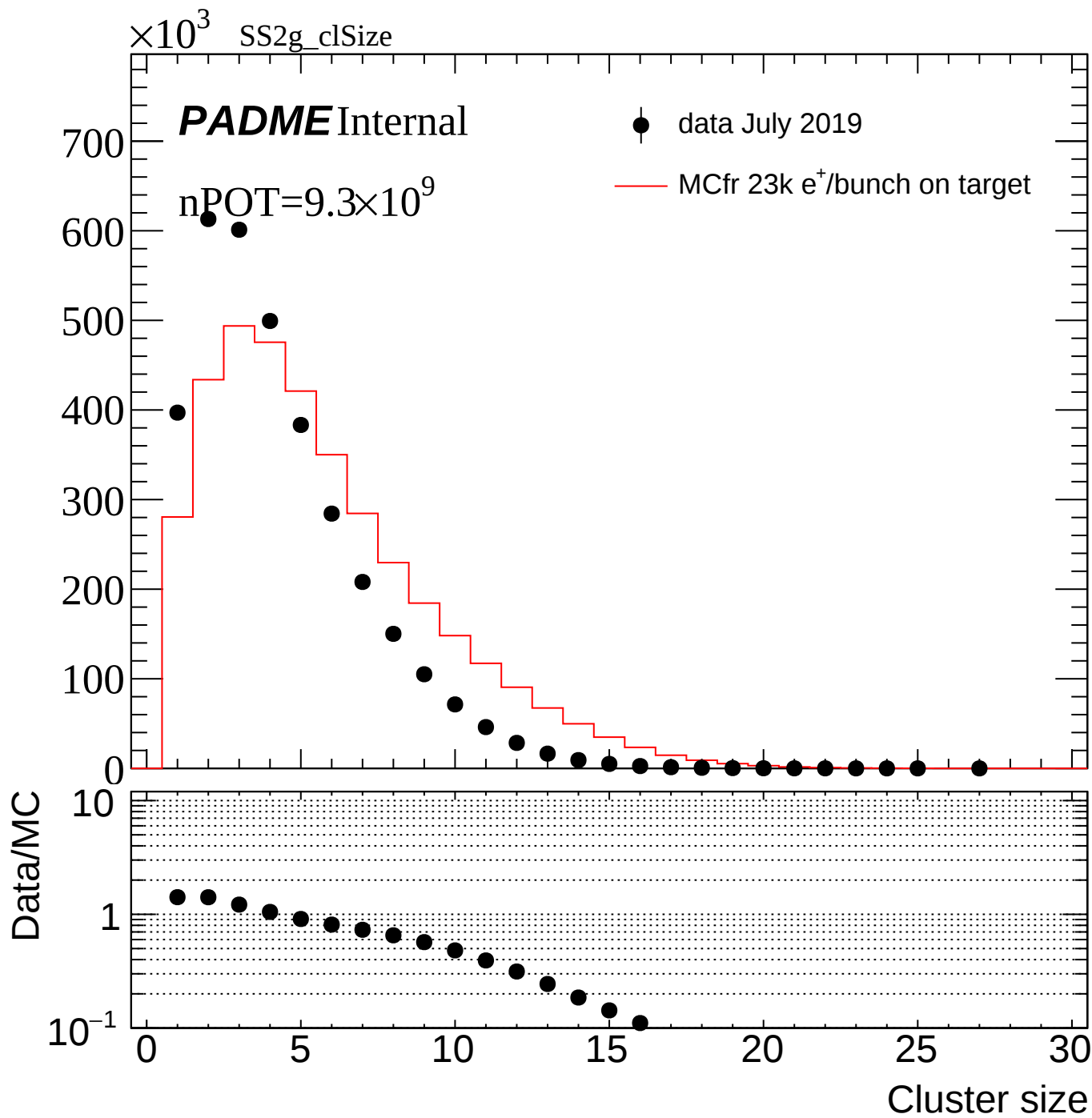
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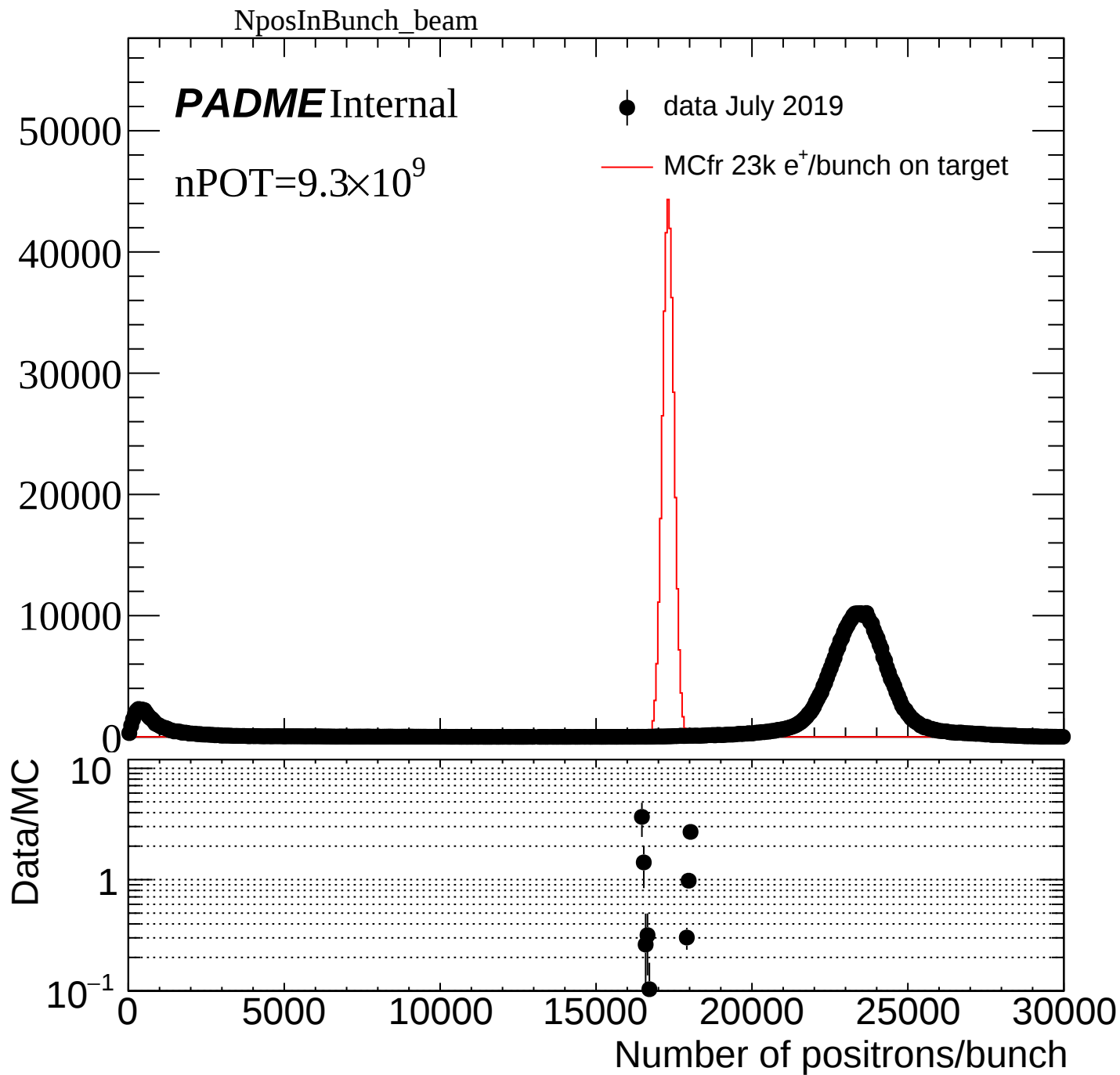


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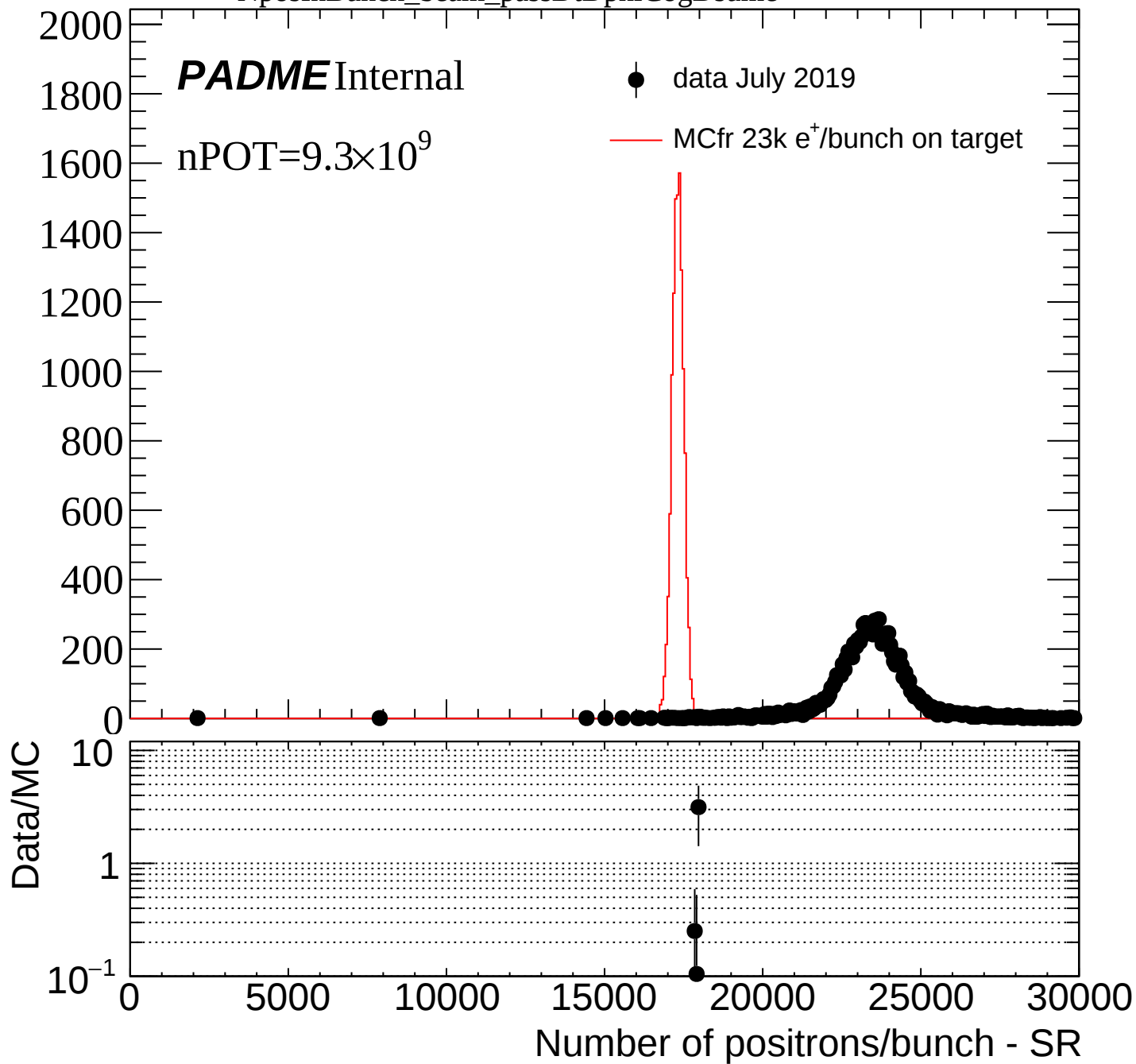




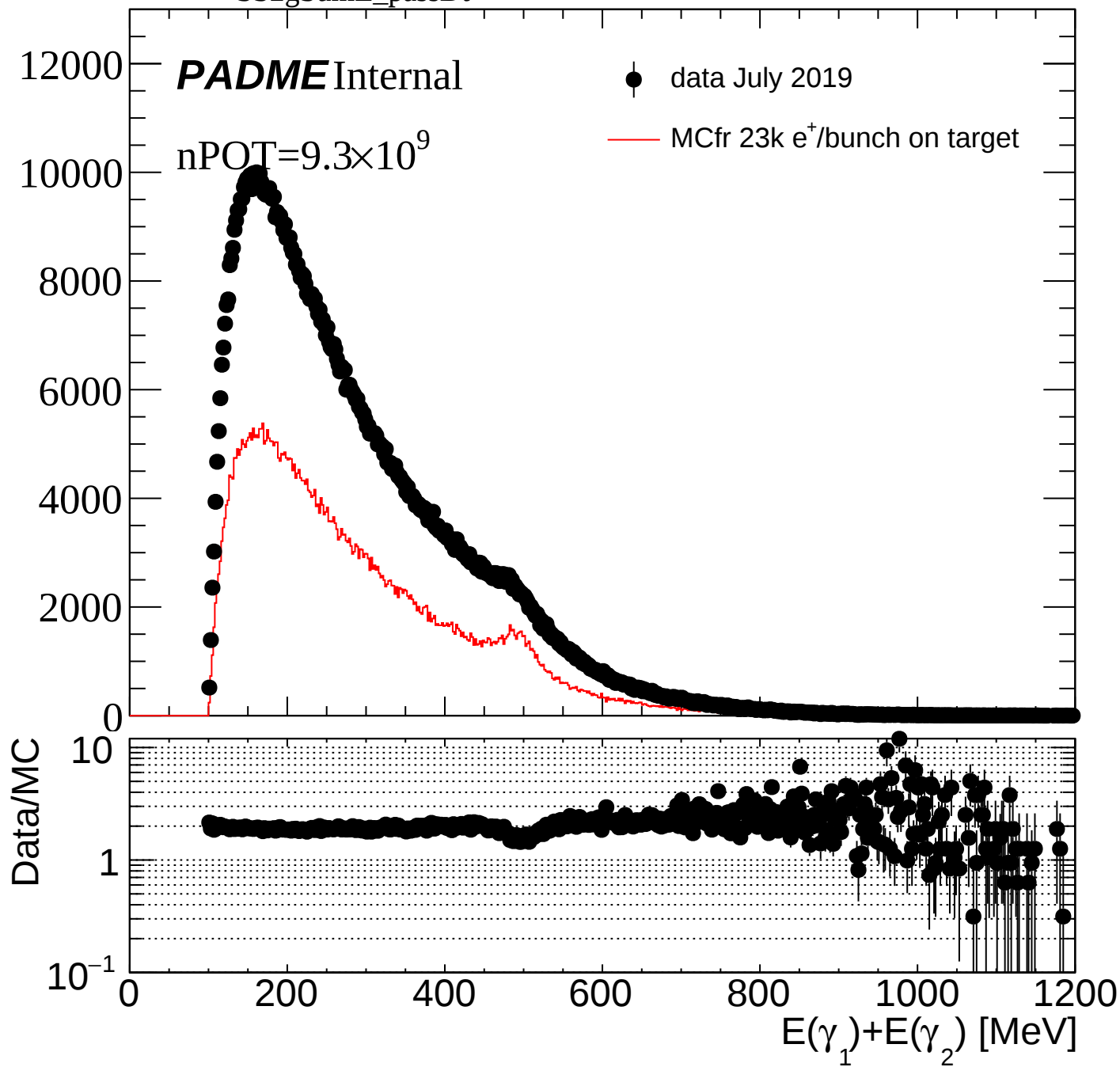




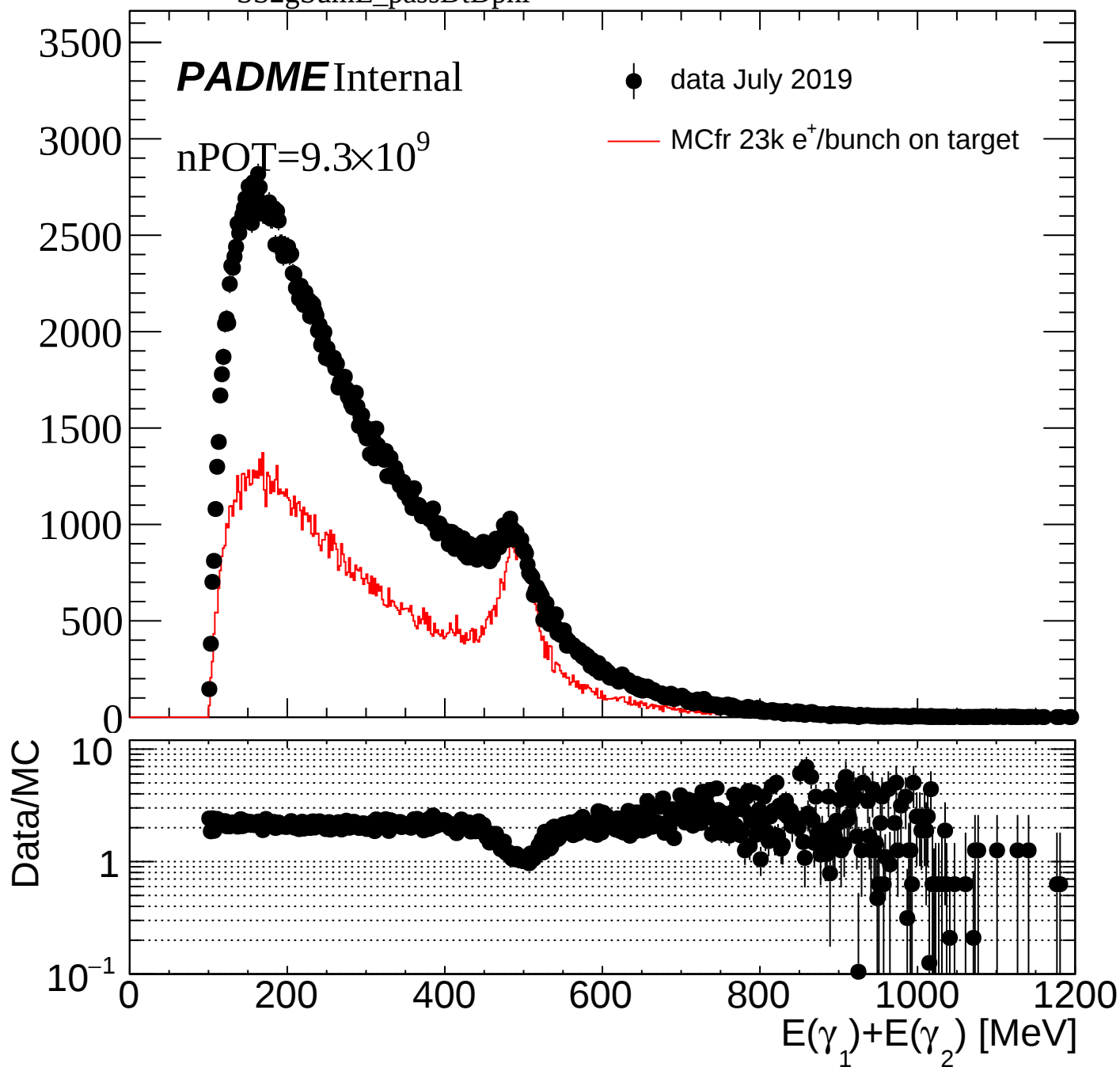
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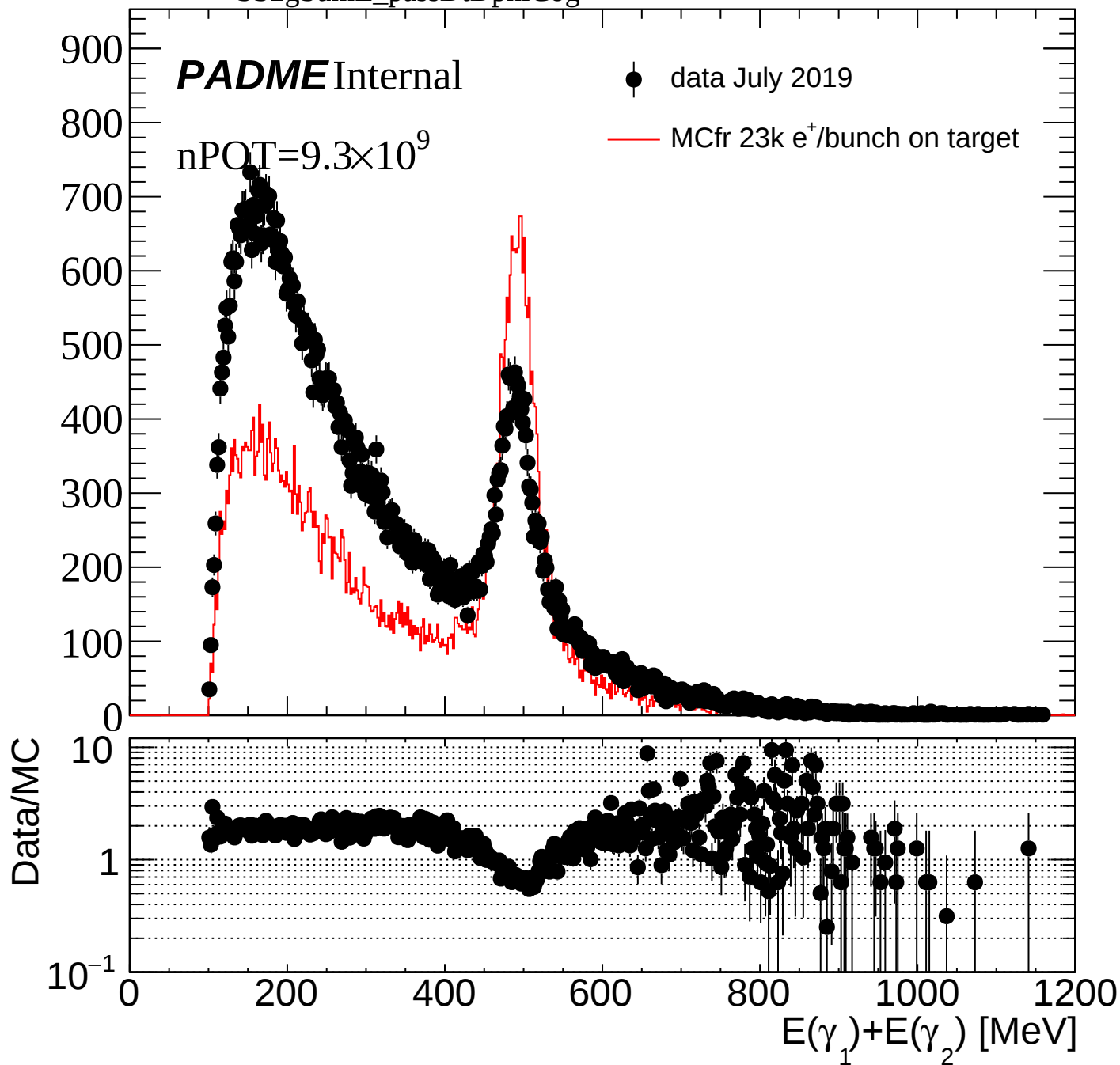
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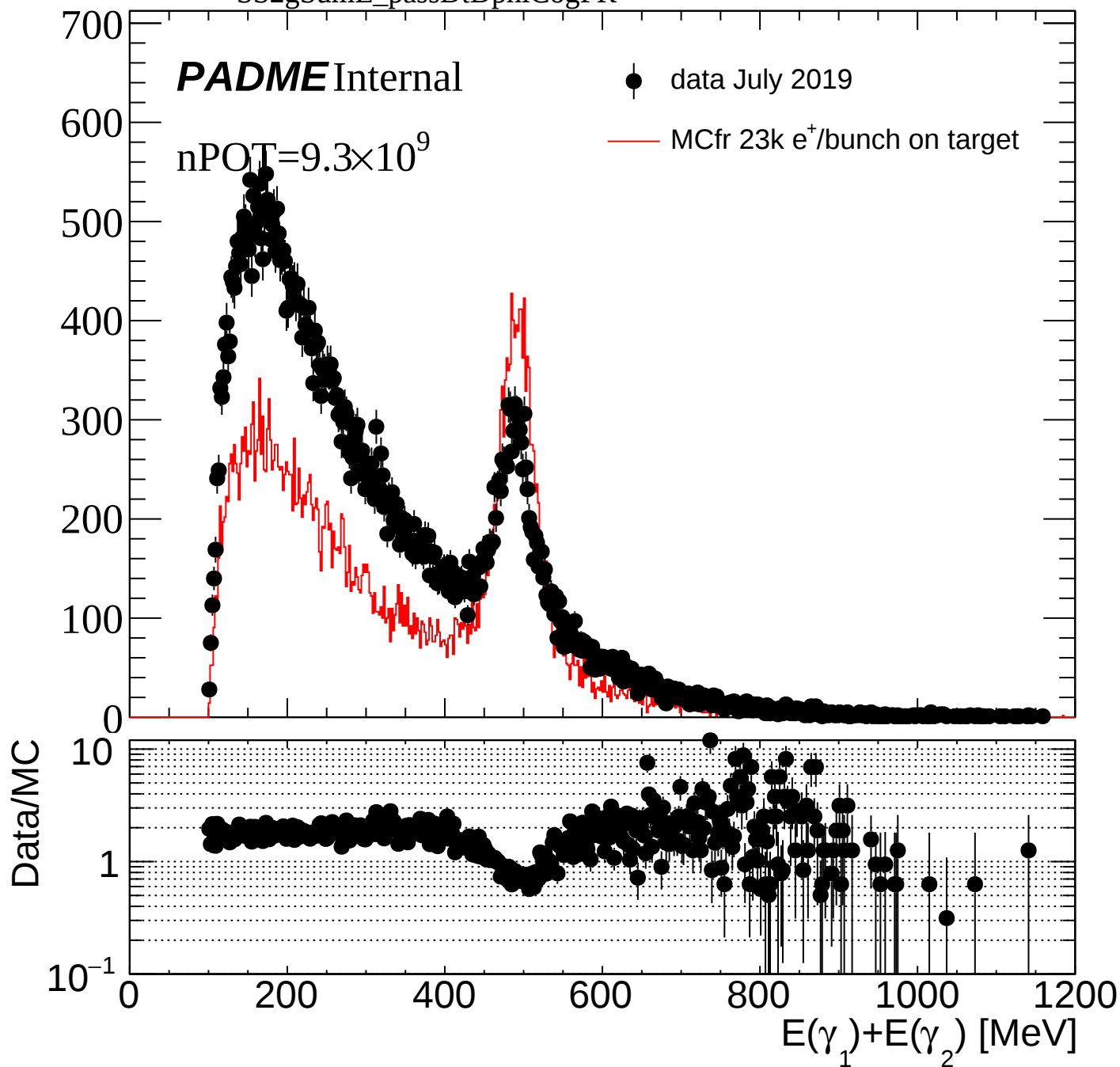
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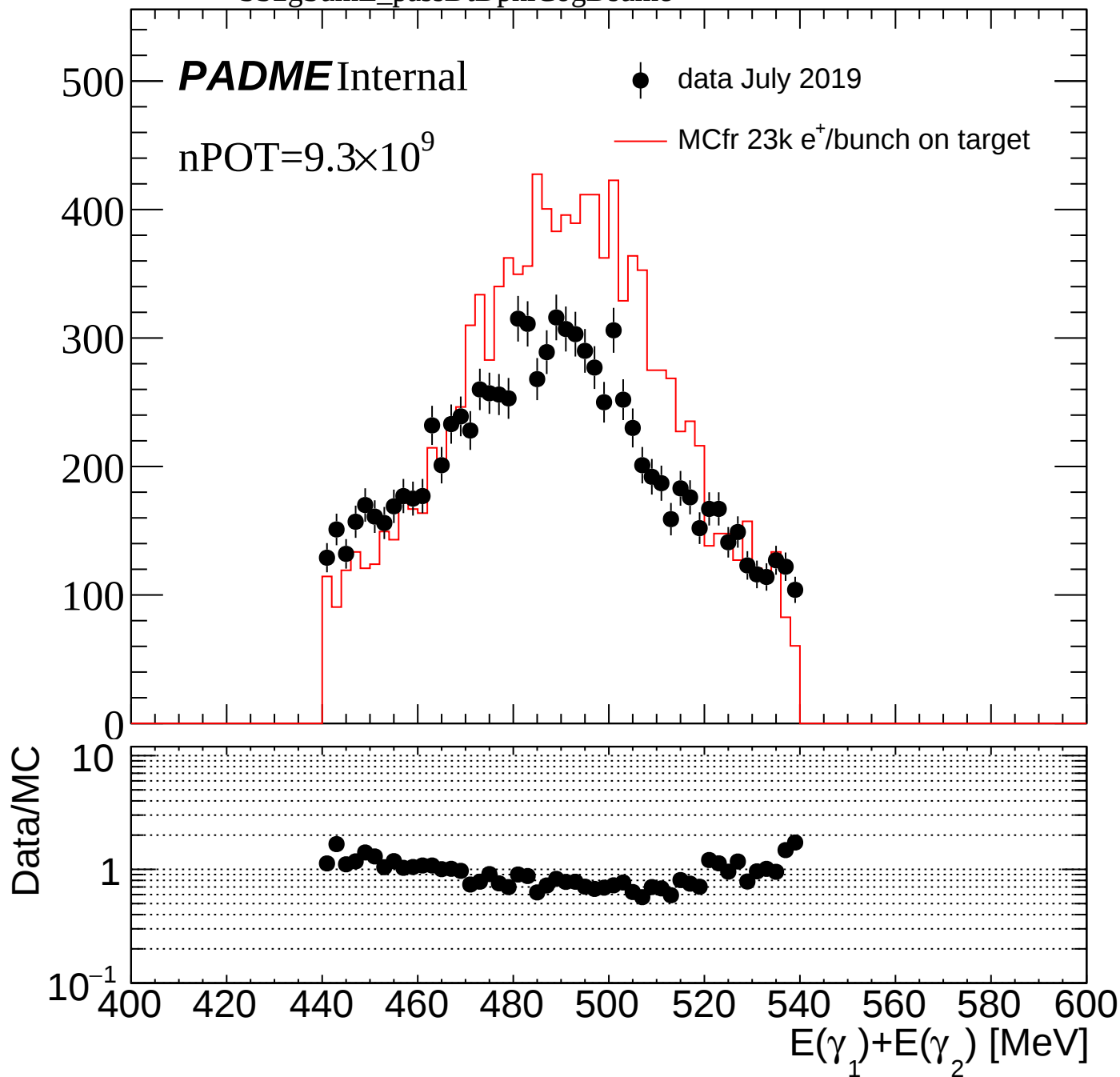
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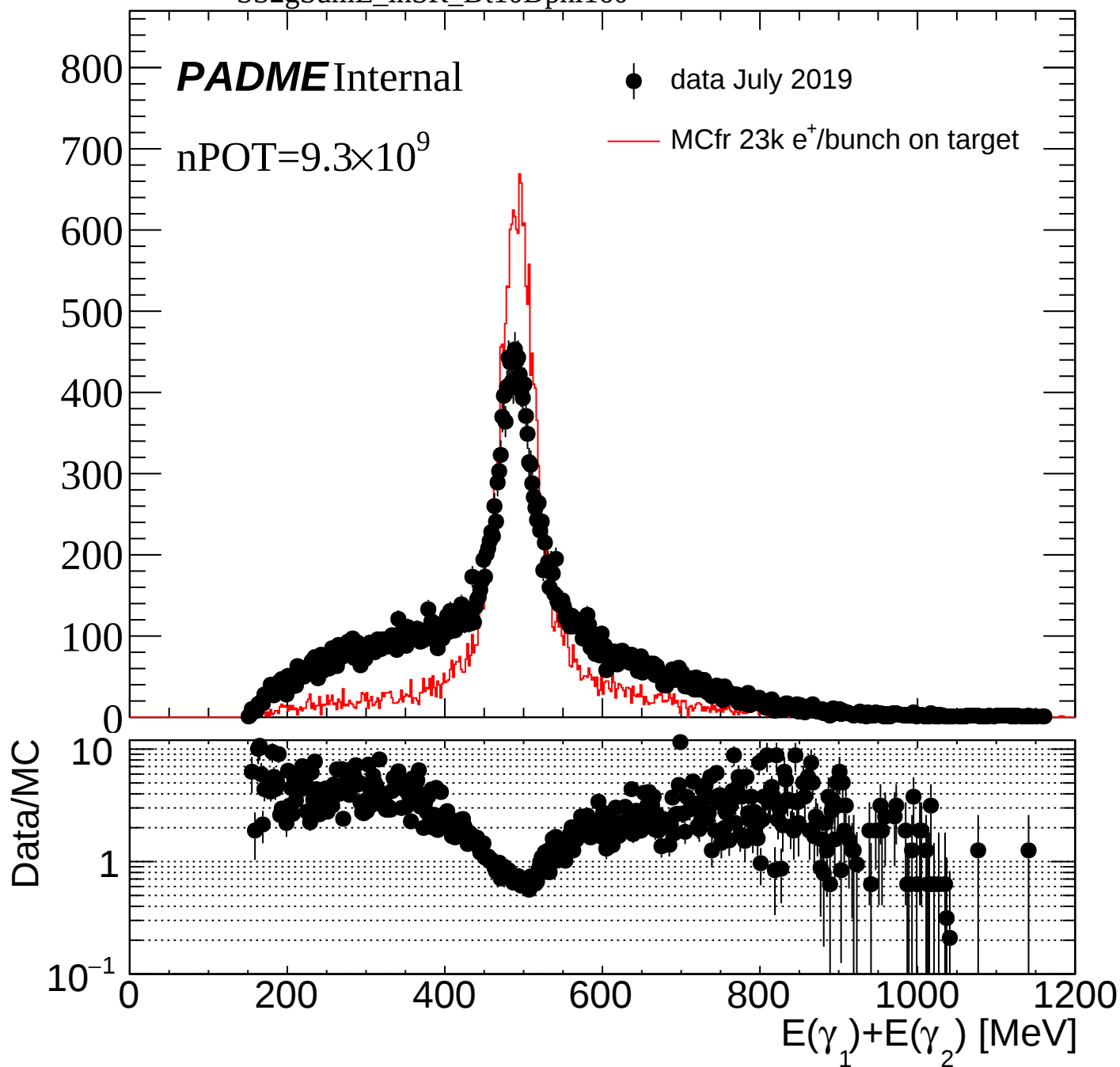
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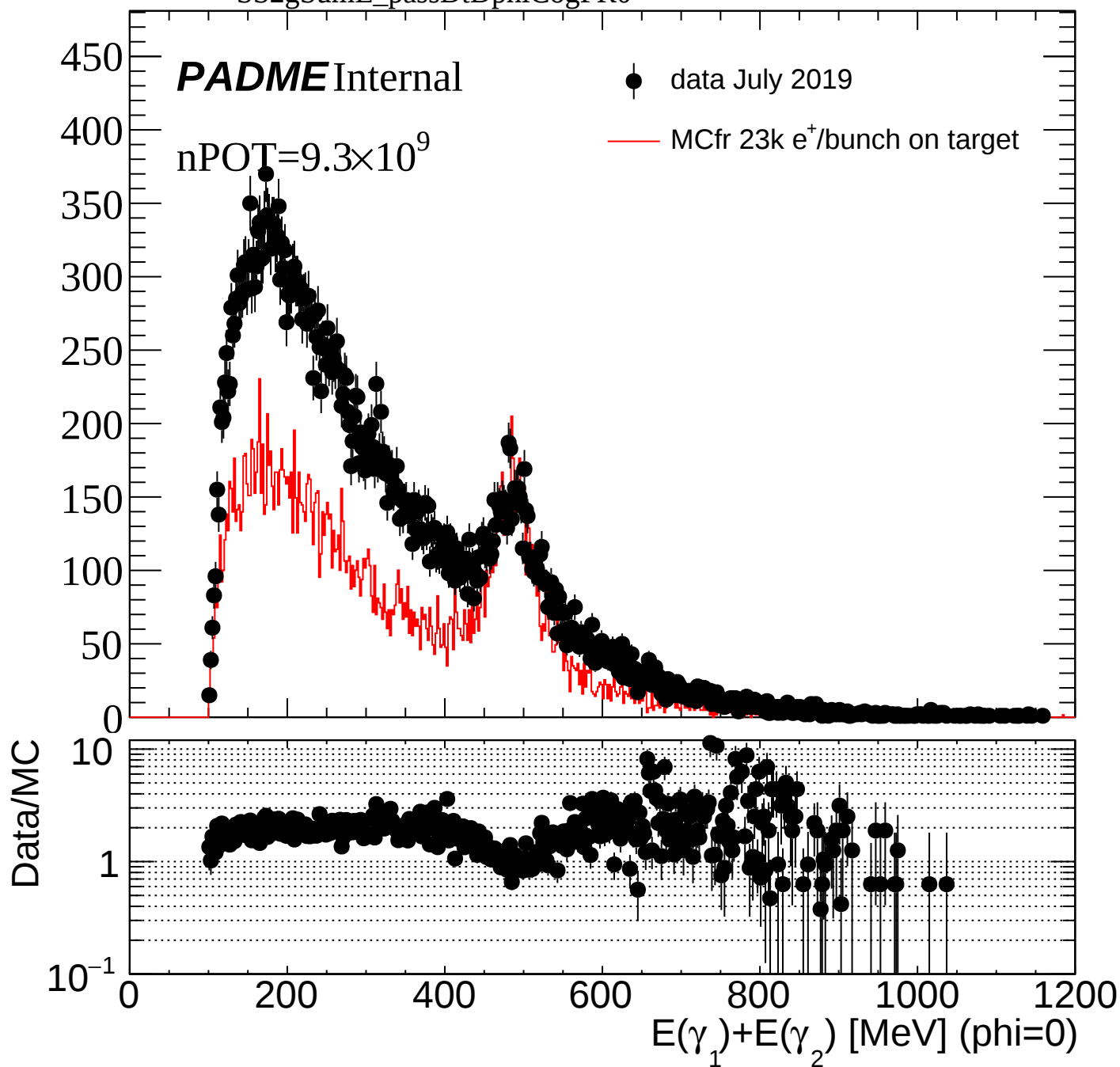
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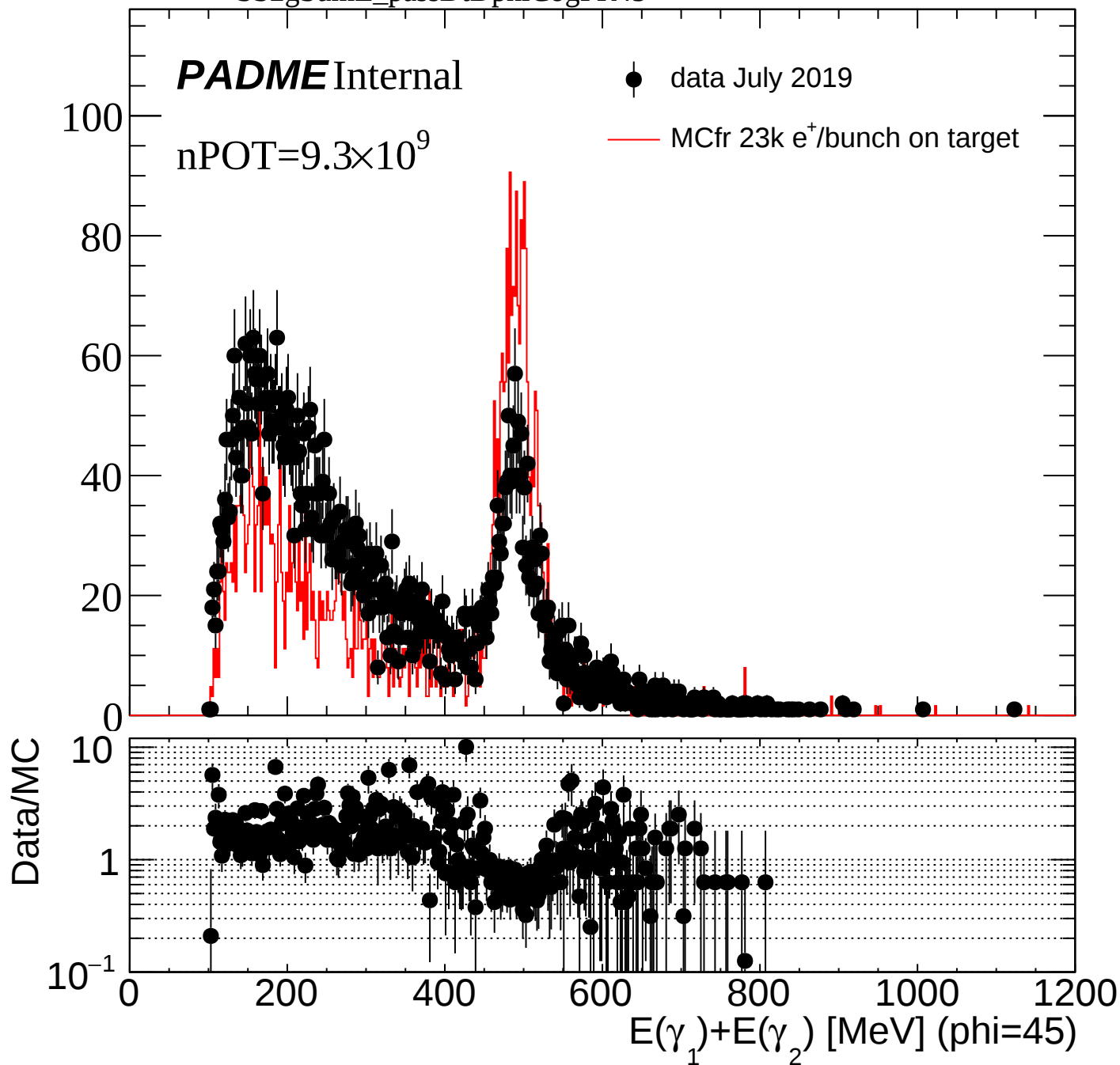


SS2gSumE_inSR_Dt10Dphi160

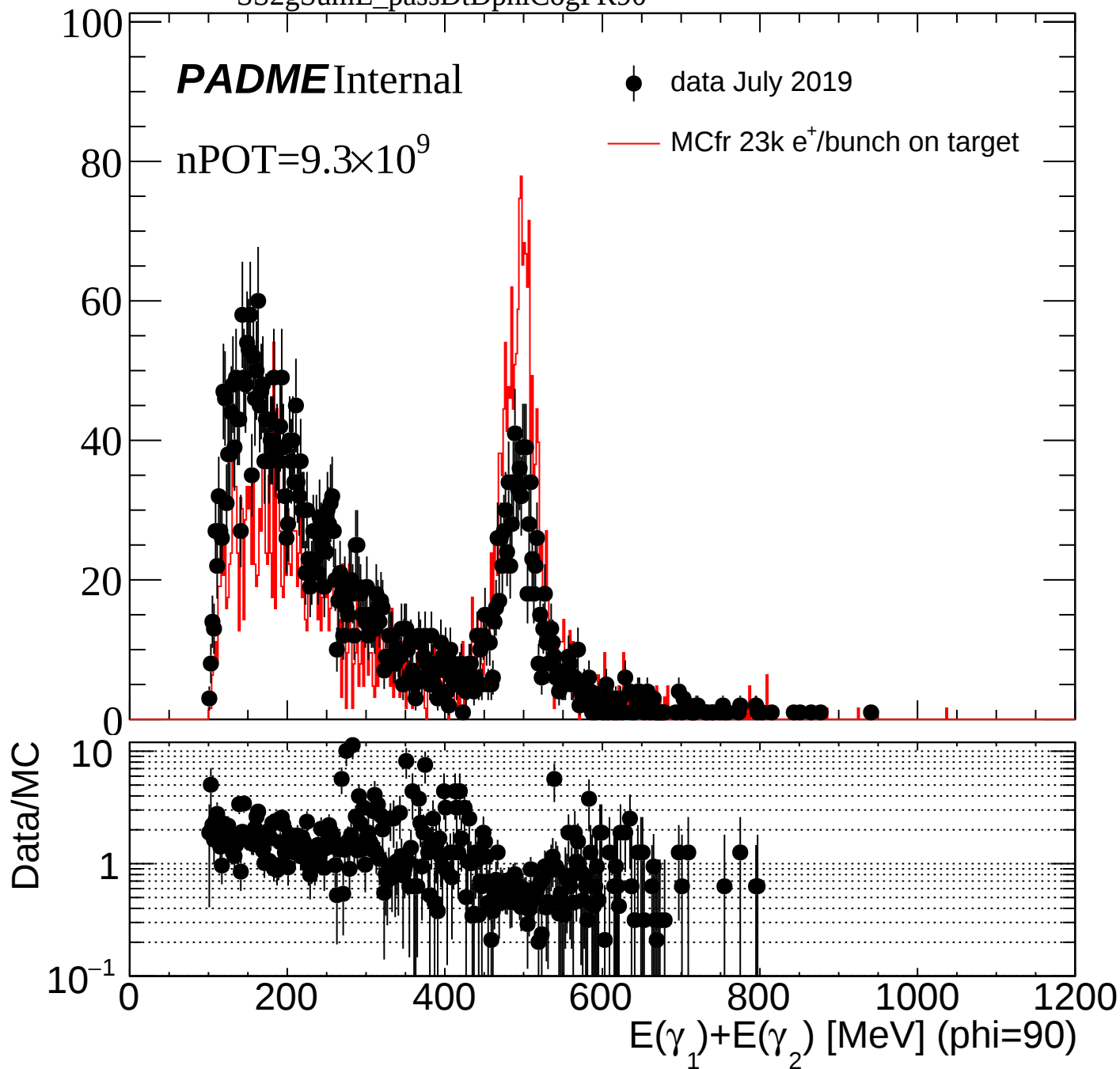


SS2gSumE_passDtDphiCogFR0





SS2gSumE_passDtDphiCogFR90



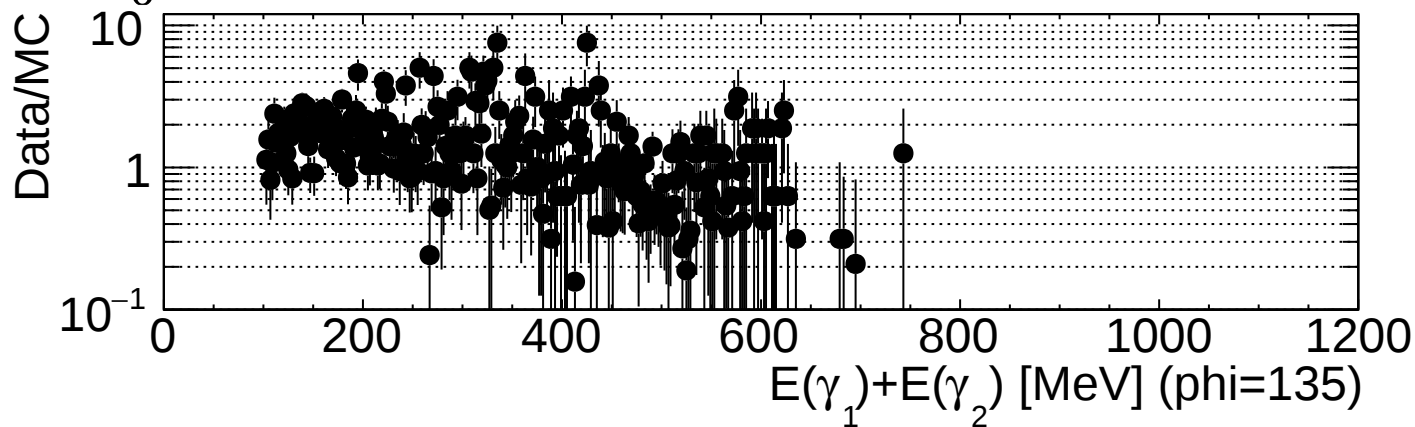
SS2gSumE_passDtDphiCogFR135

PADME Internal

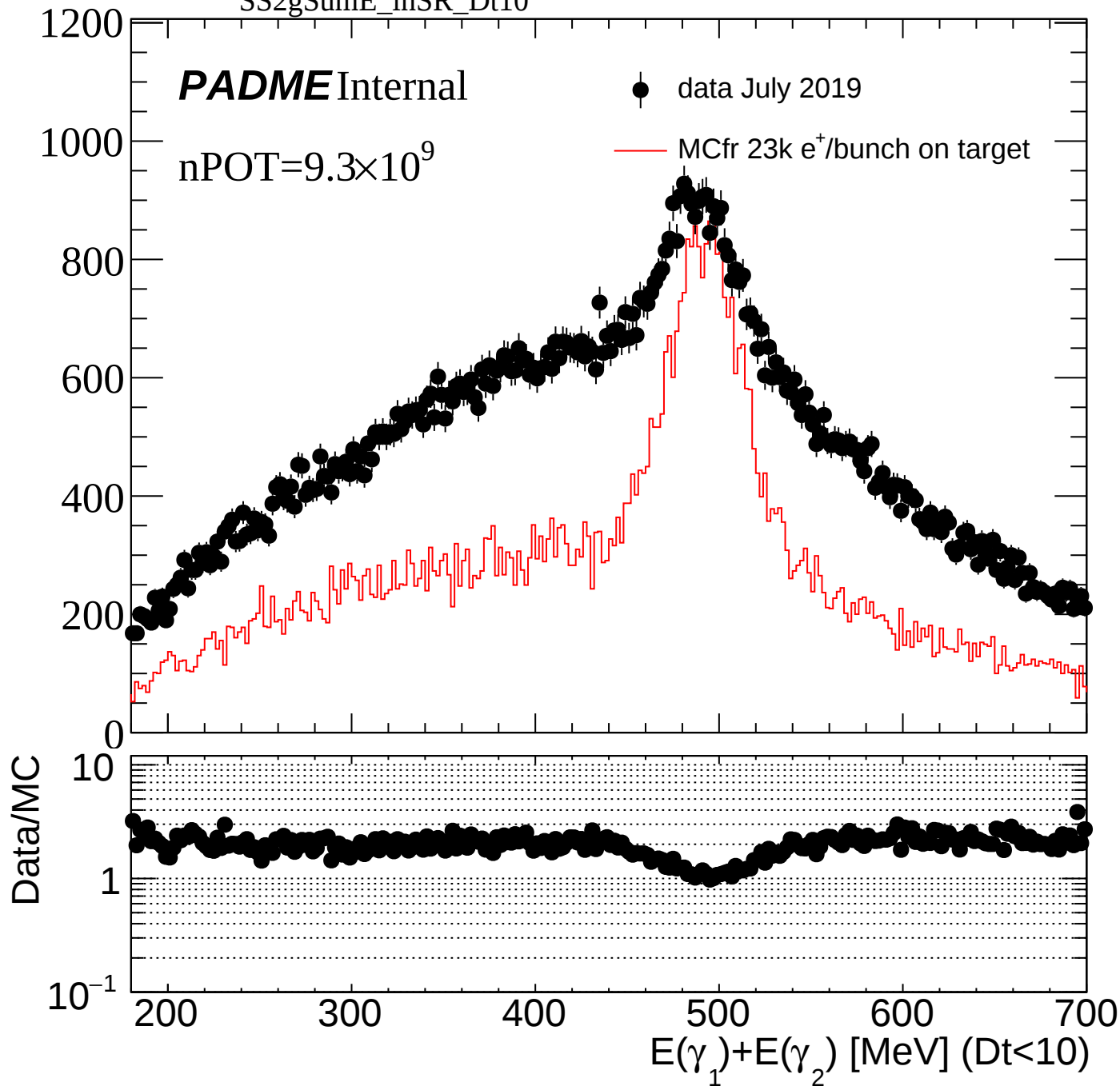
$nPOT=9.3 \times 10^9$

● data July 2019

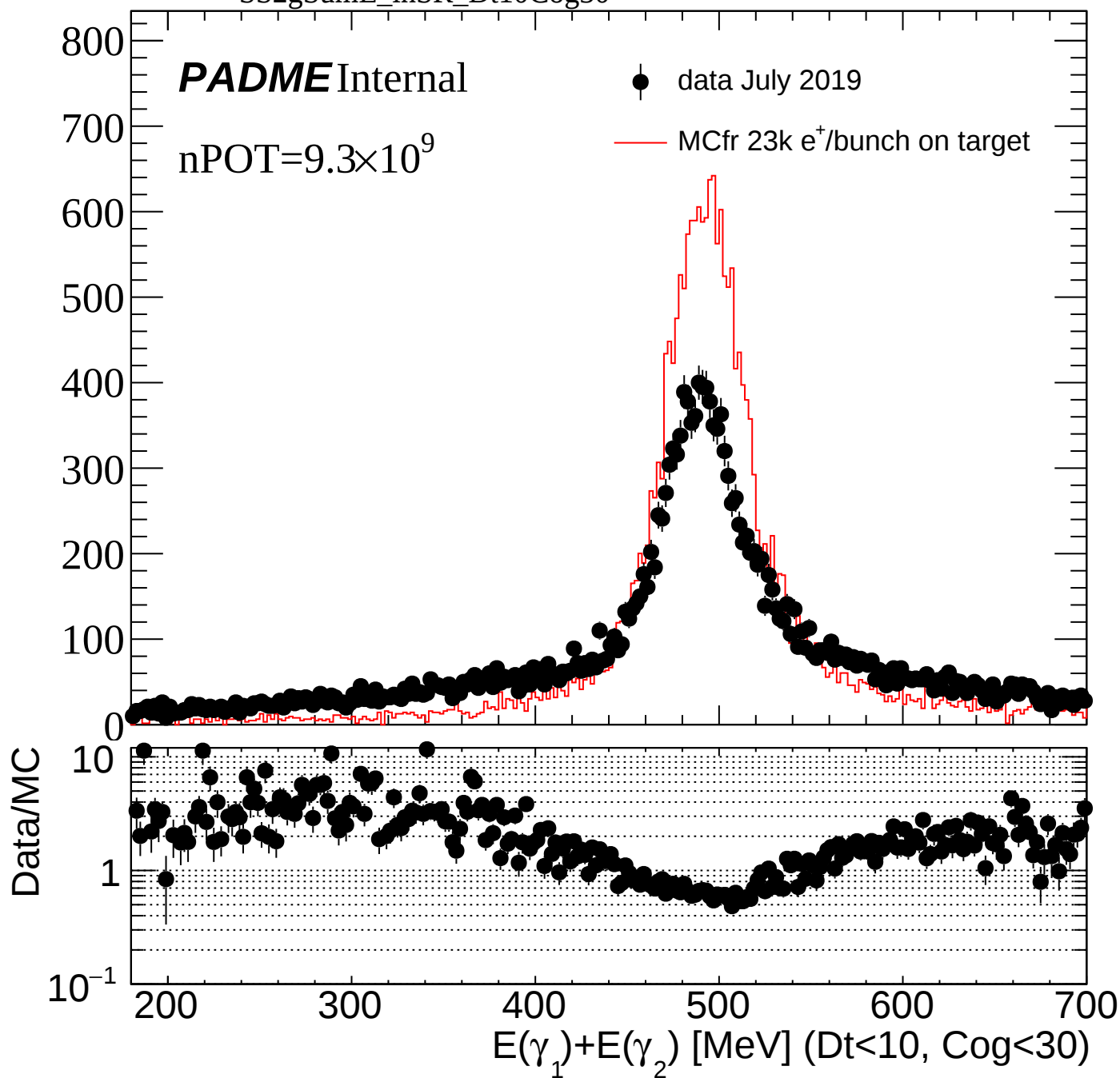
— MCfr 23k e^+ /bunch on target



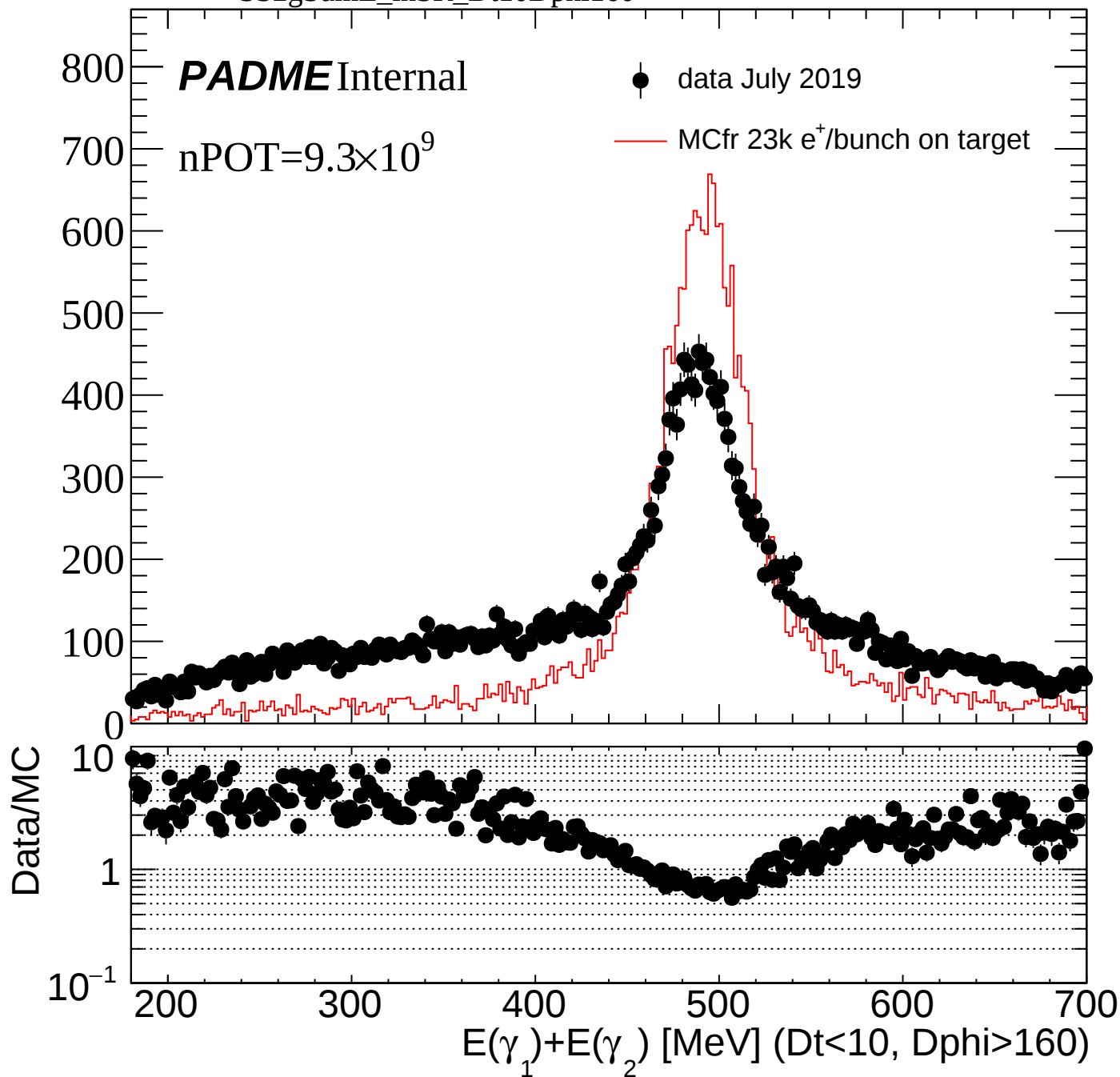
SS2gSumE_inSR_Dt10



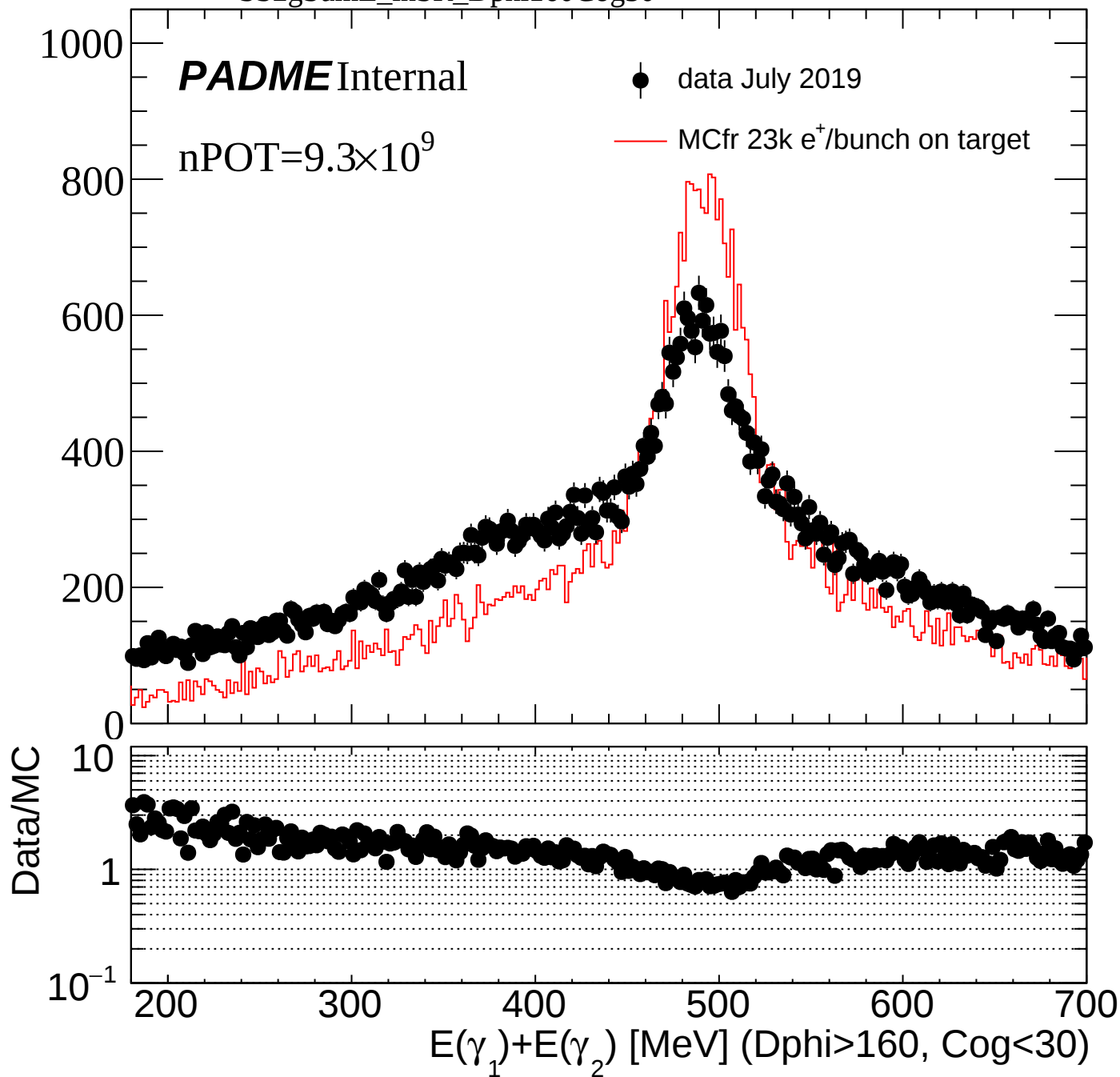
SS2gSumE_inSR_Dt10Cog30



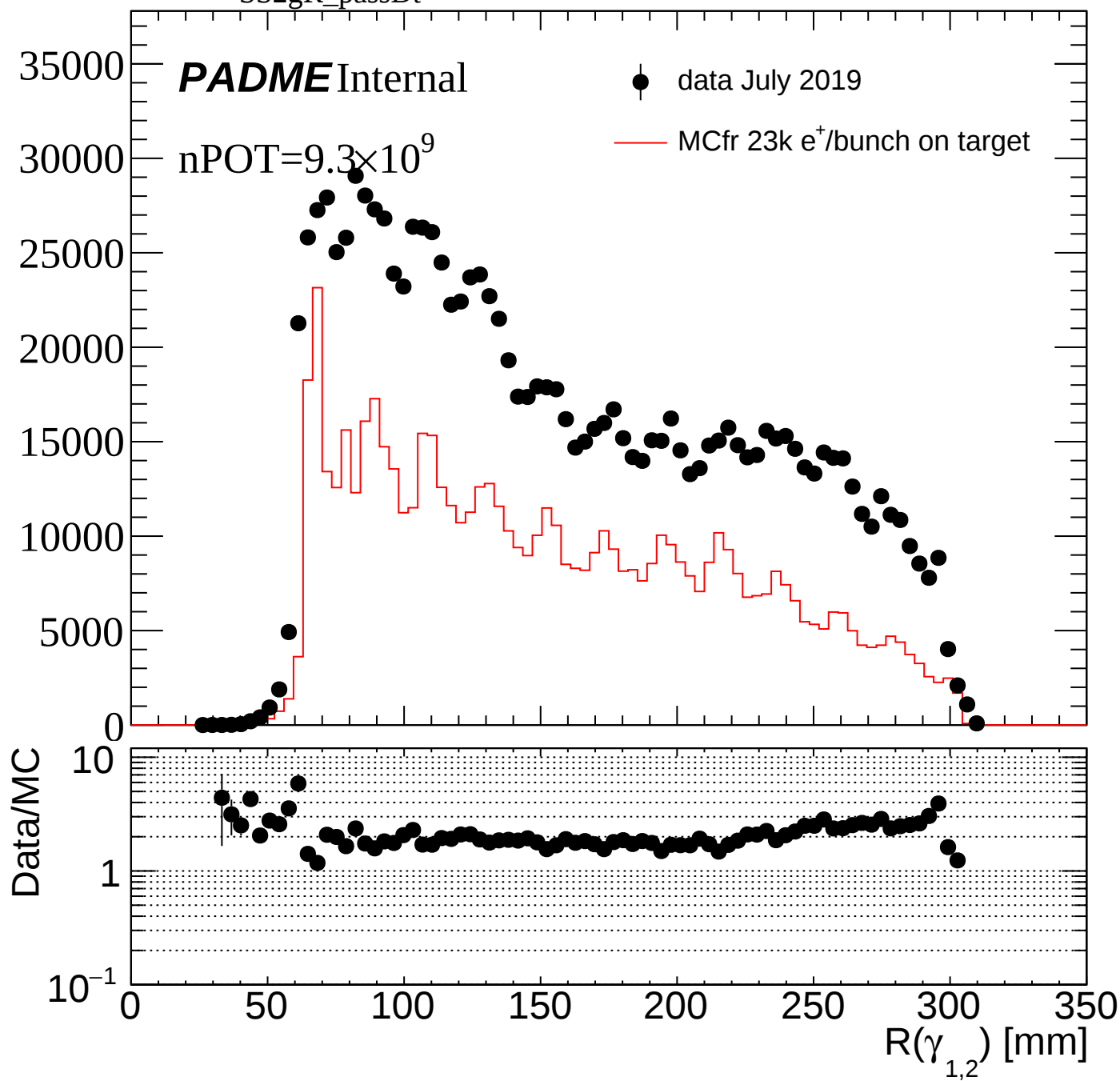
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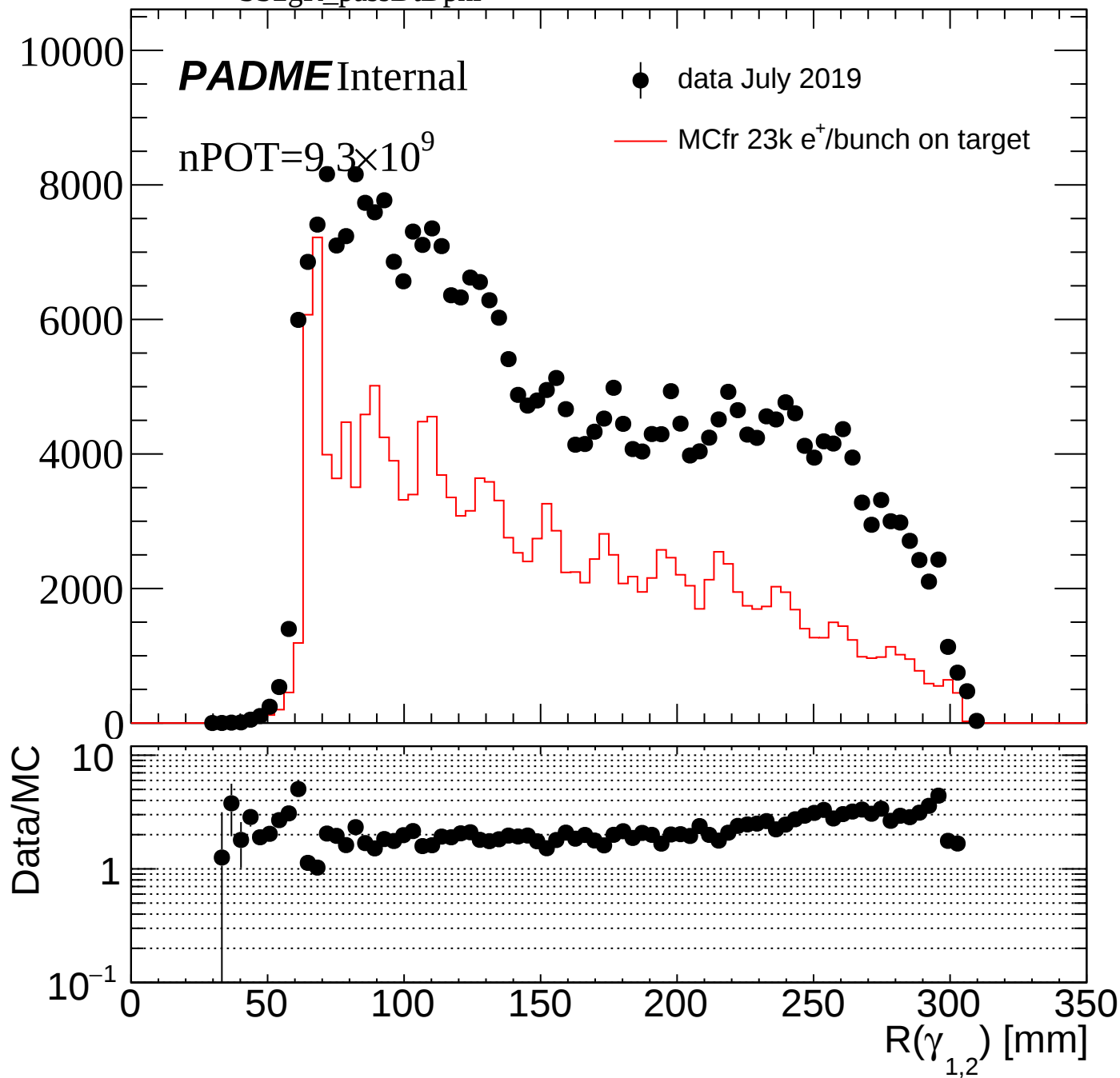
SS2gSumE_inSR_Dphi160Cog30



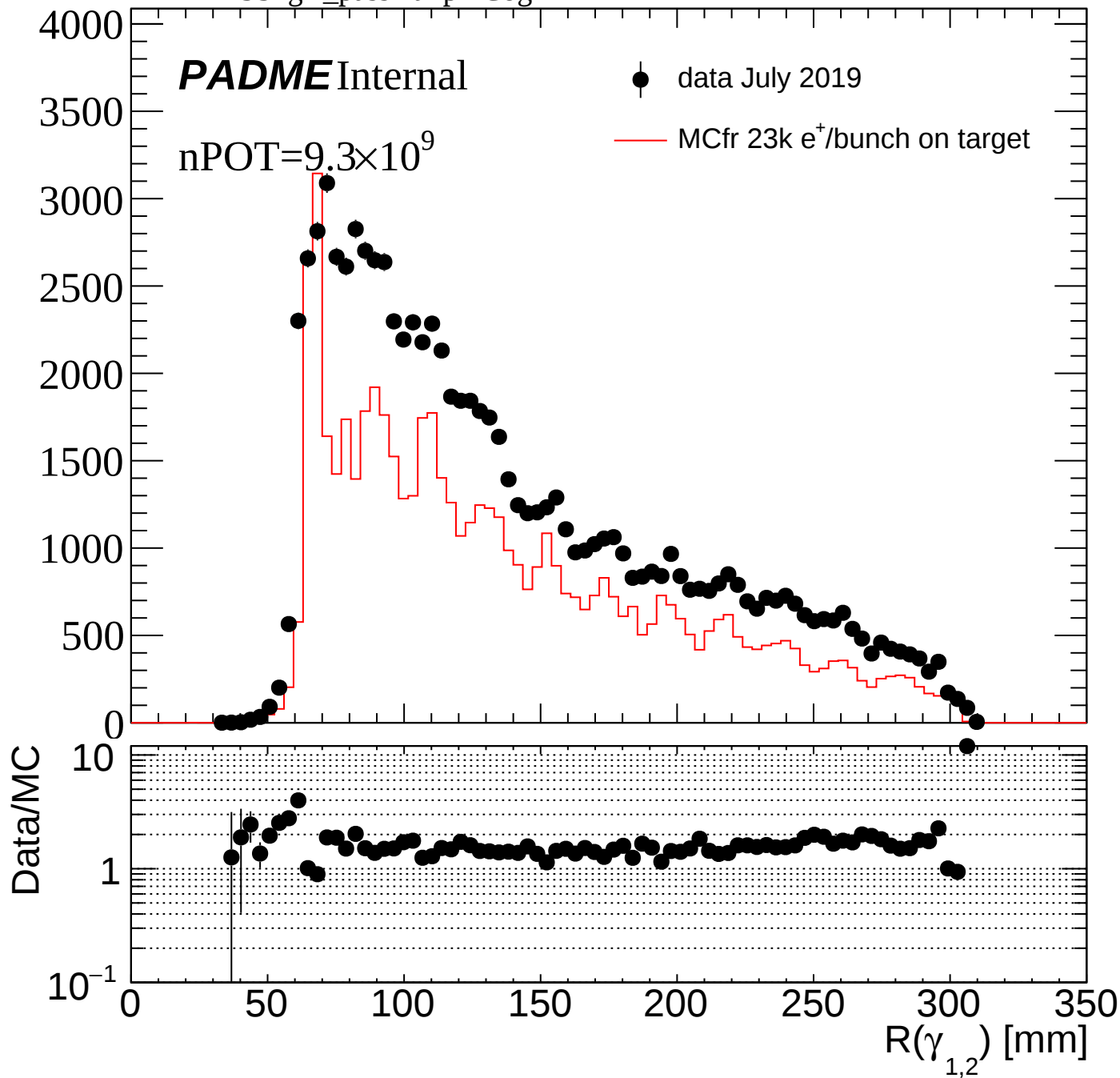
SS2gR_passDt



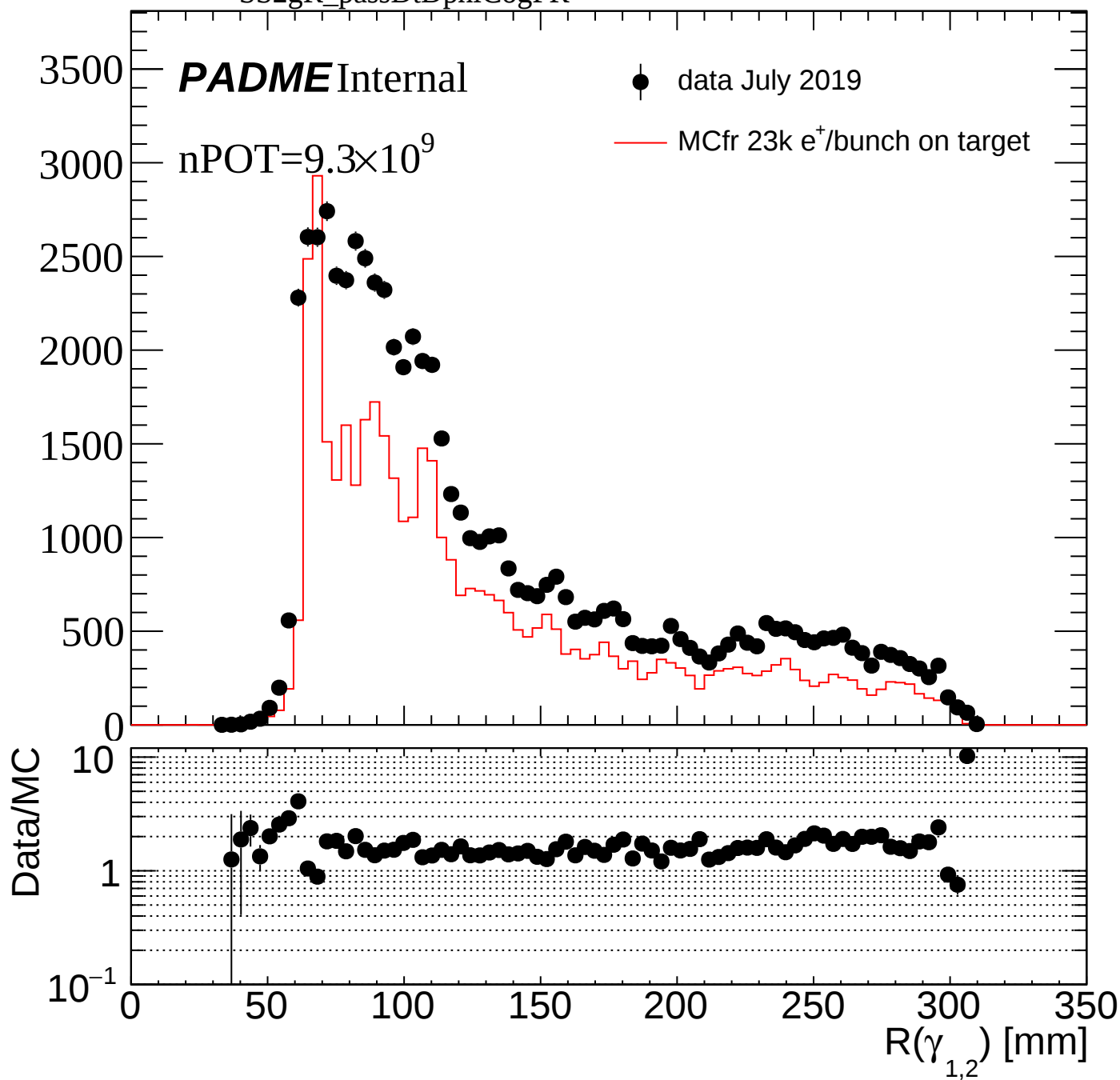
SS2gR_passDtDphi

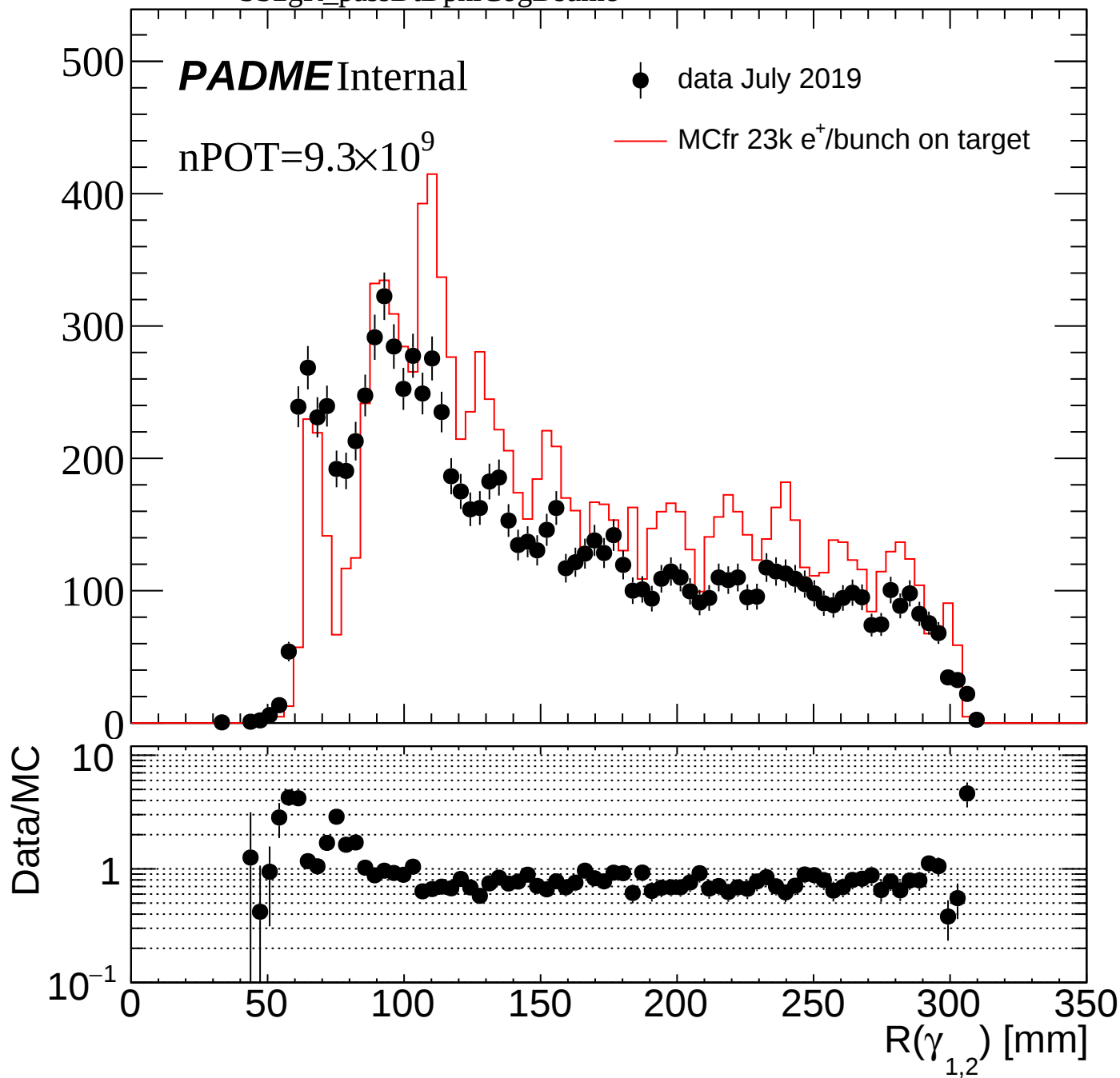


SS2gR_passDtDphiCog

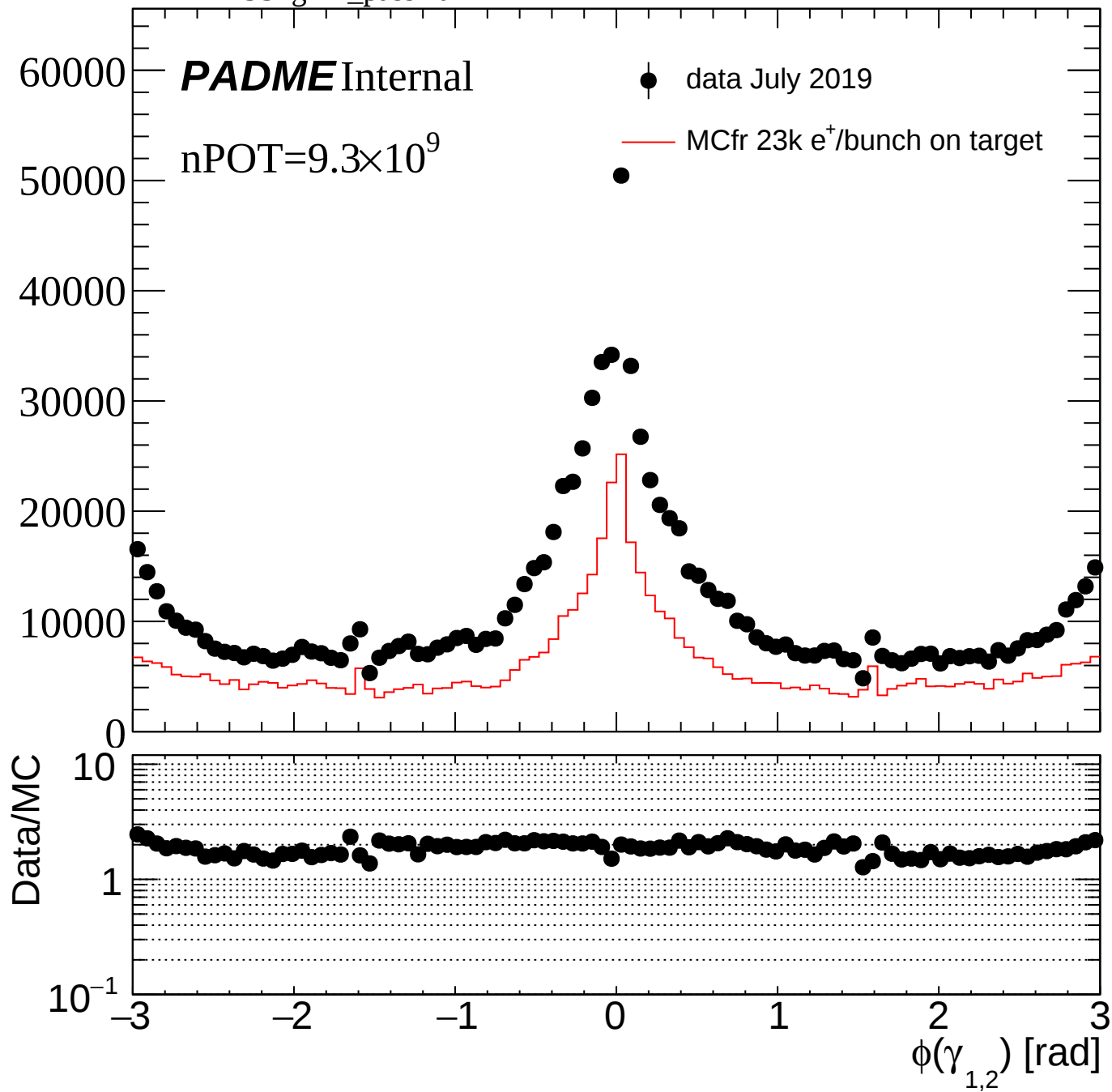


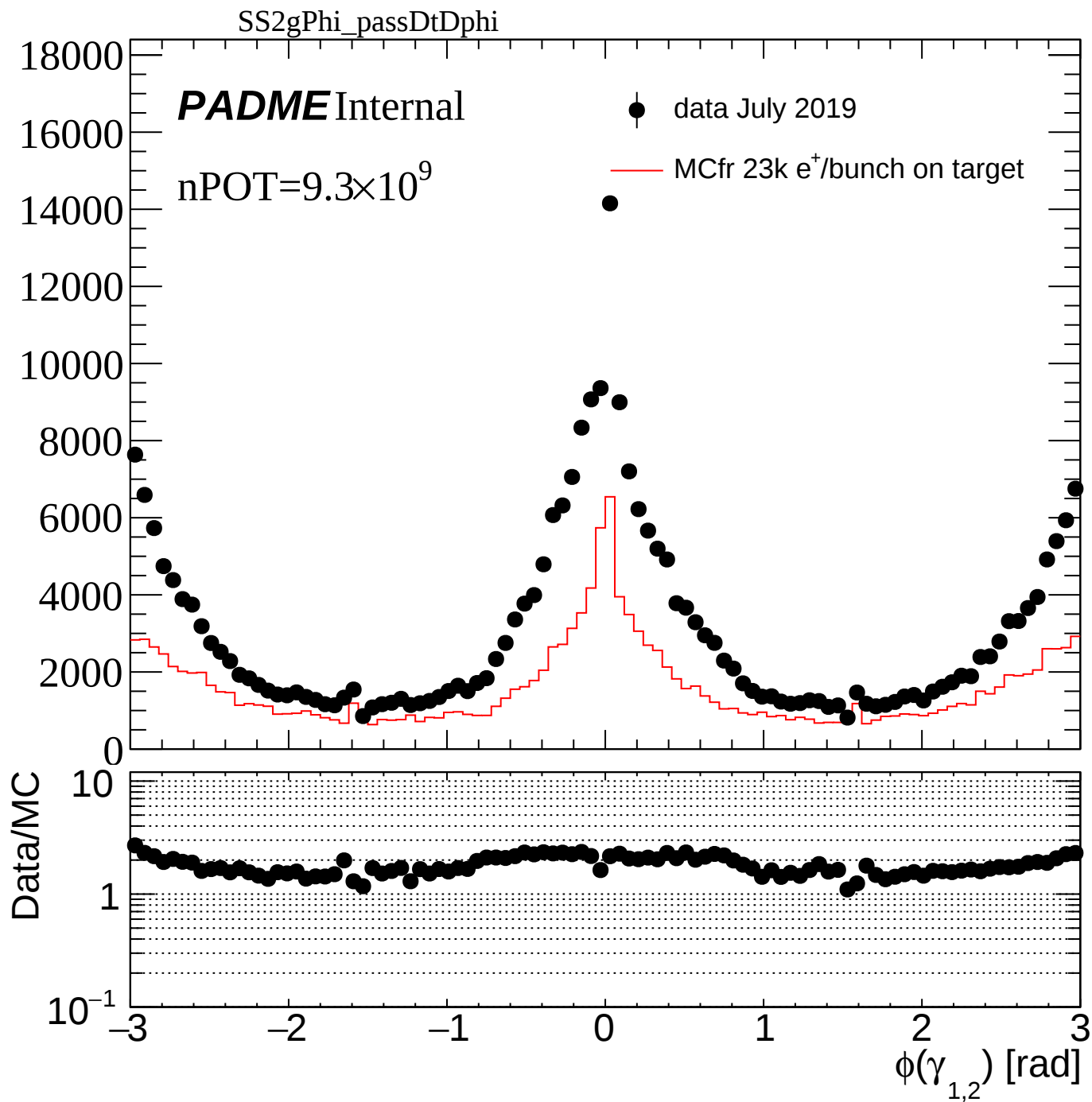
SS2gR_passDtDphiCogFR



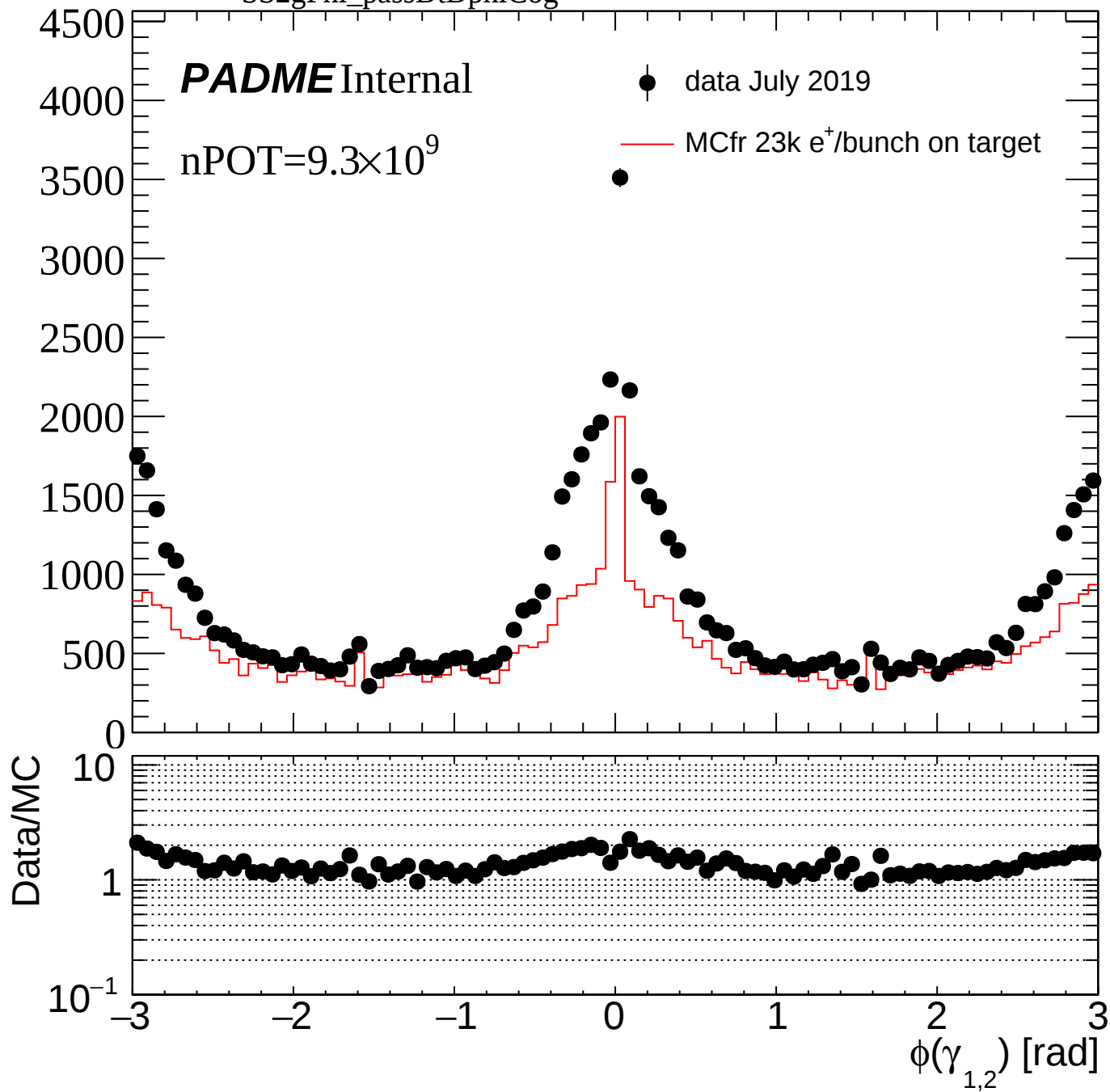


SS2gPhi_passDt

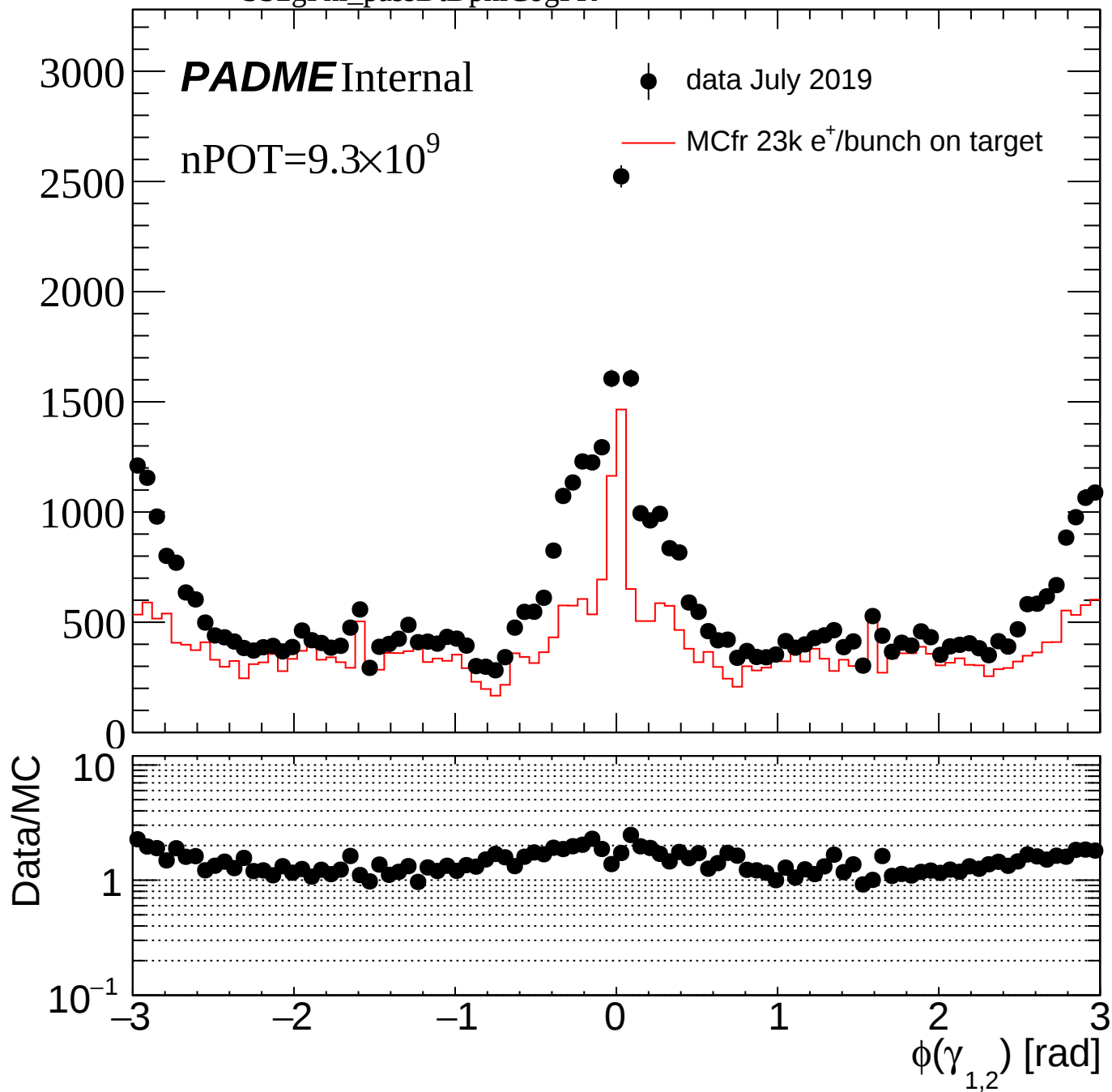




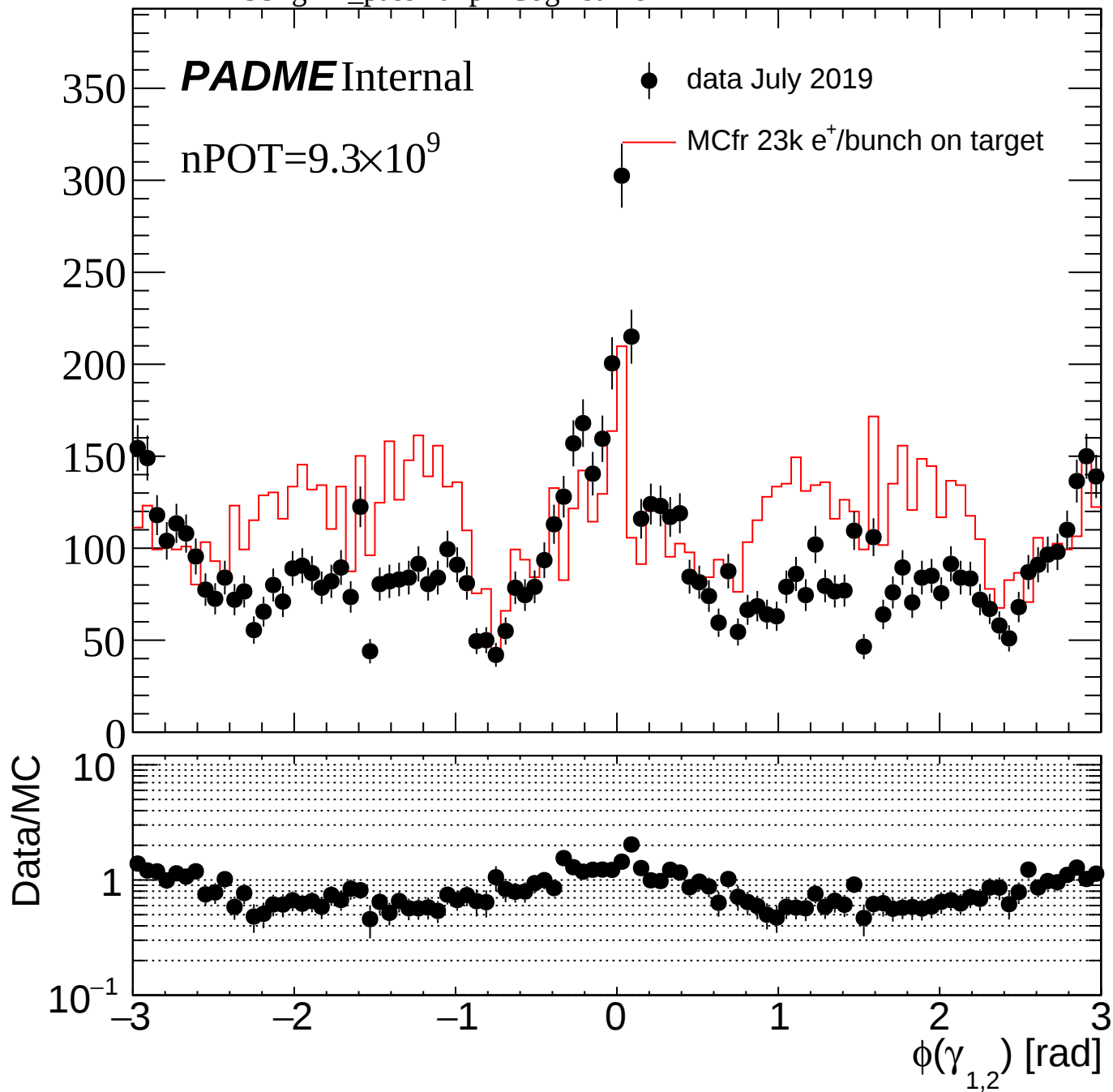
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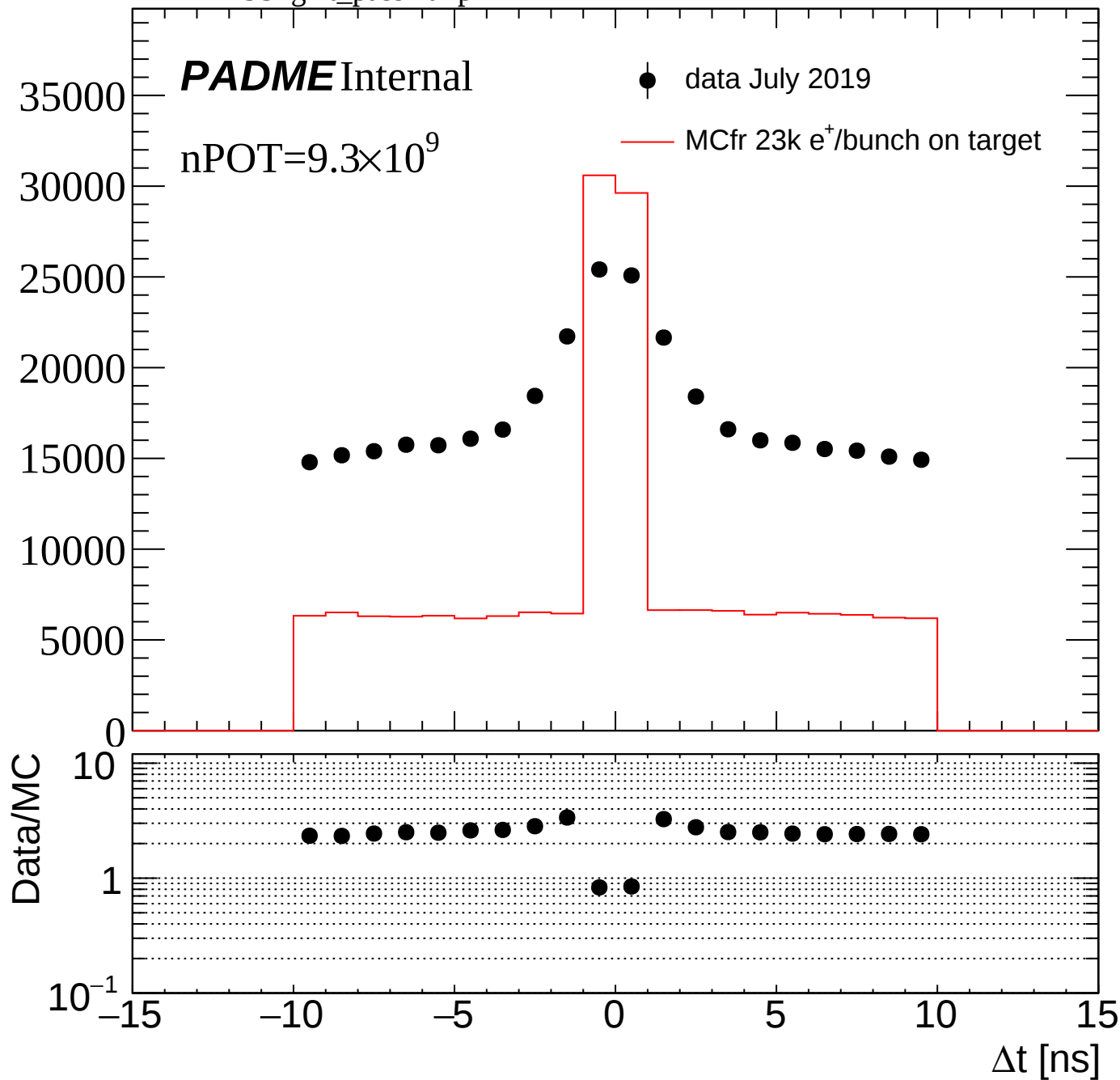
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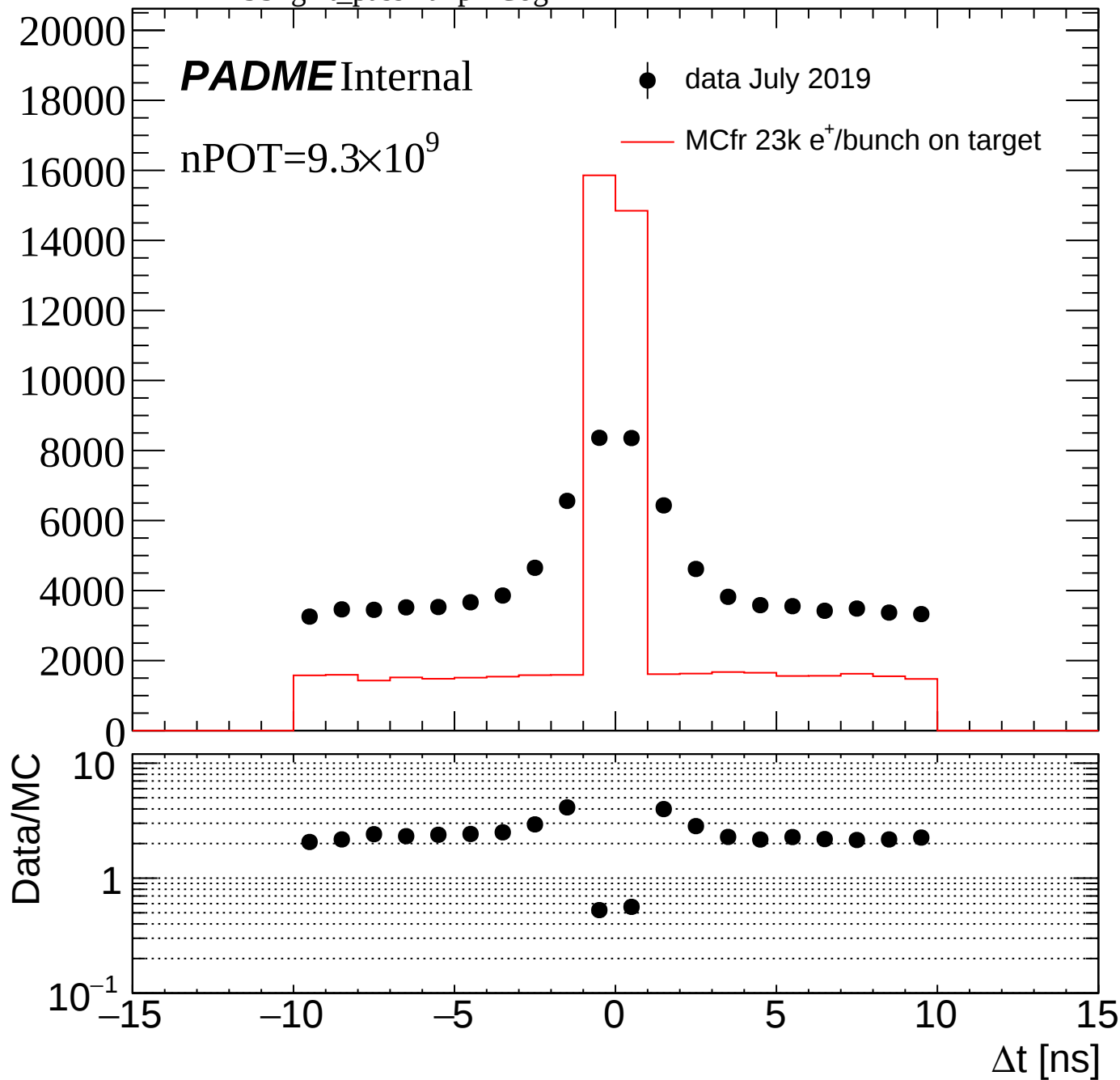
SS2gPhi_passDtDphiCogDsume



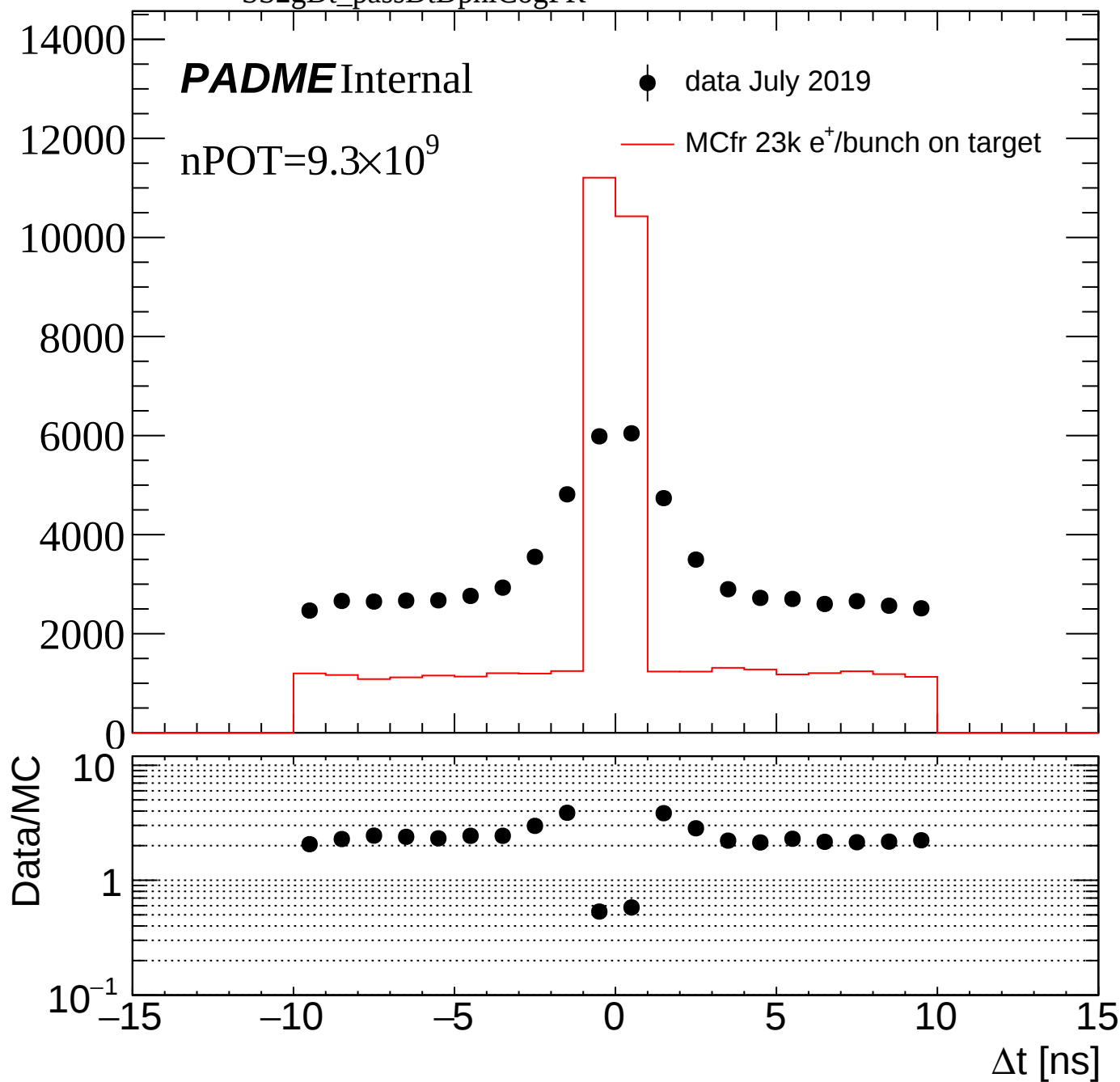
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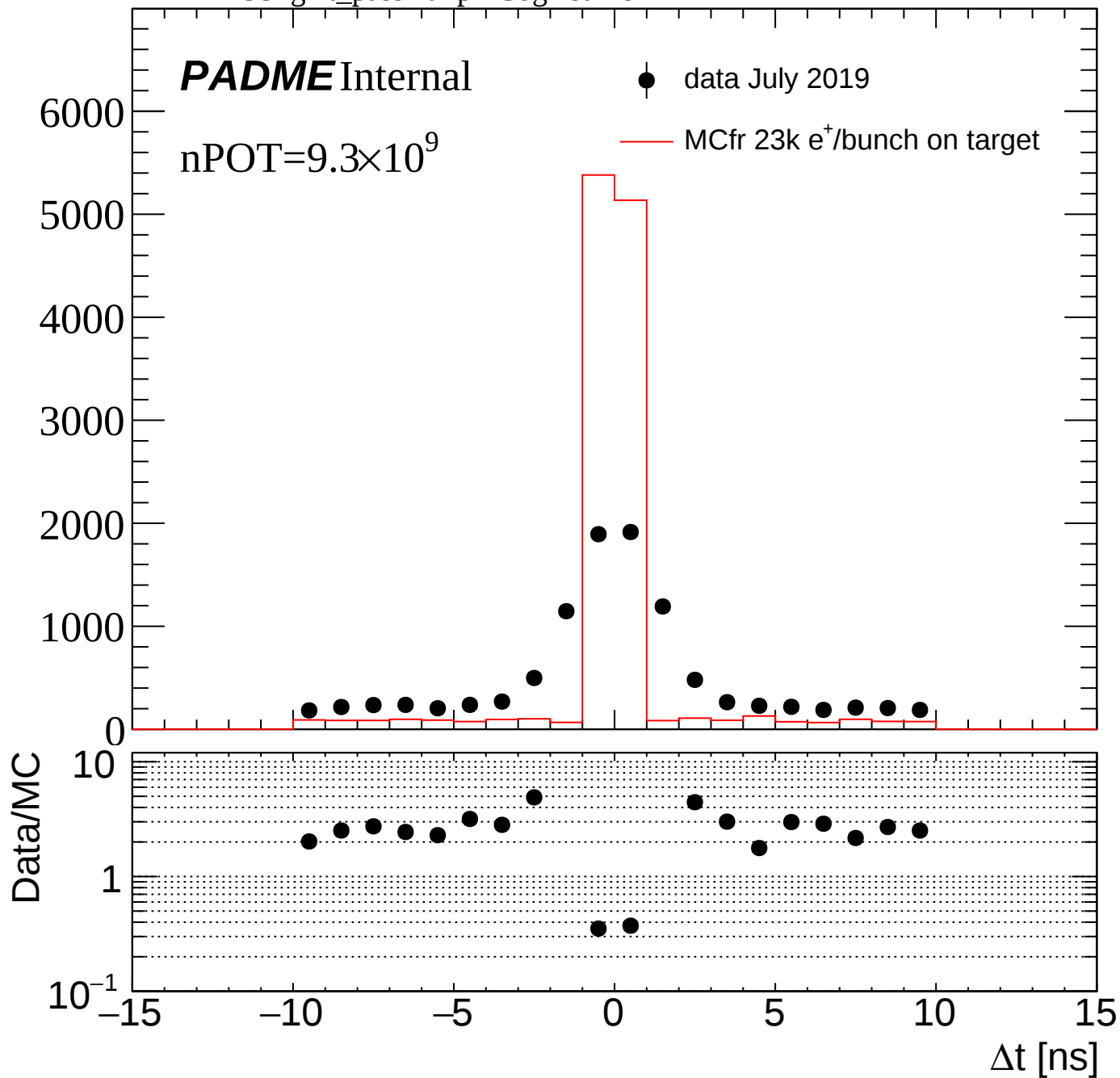
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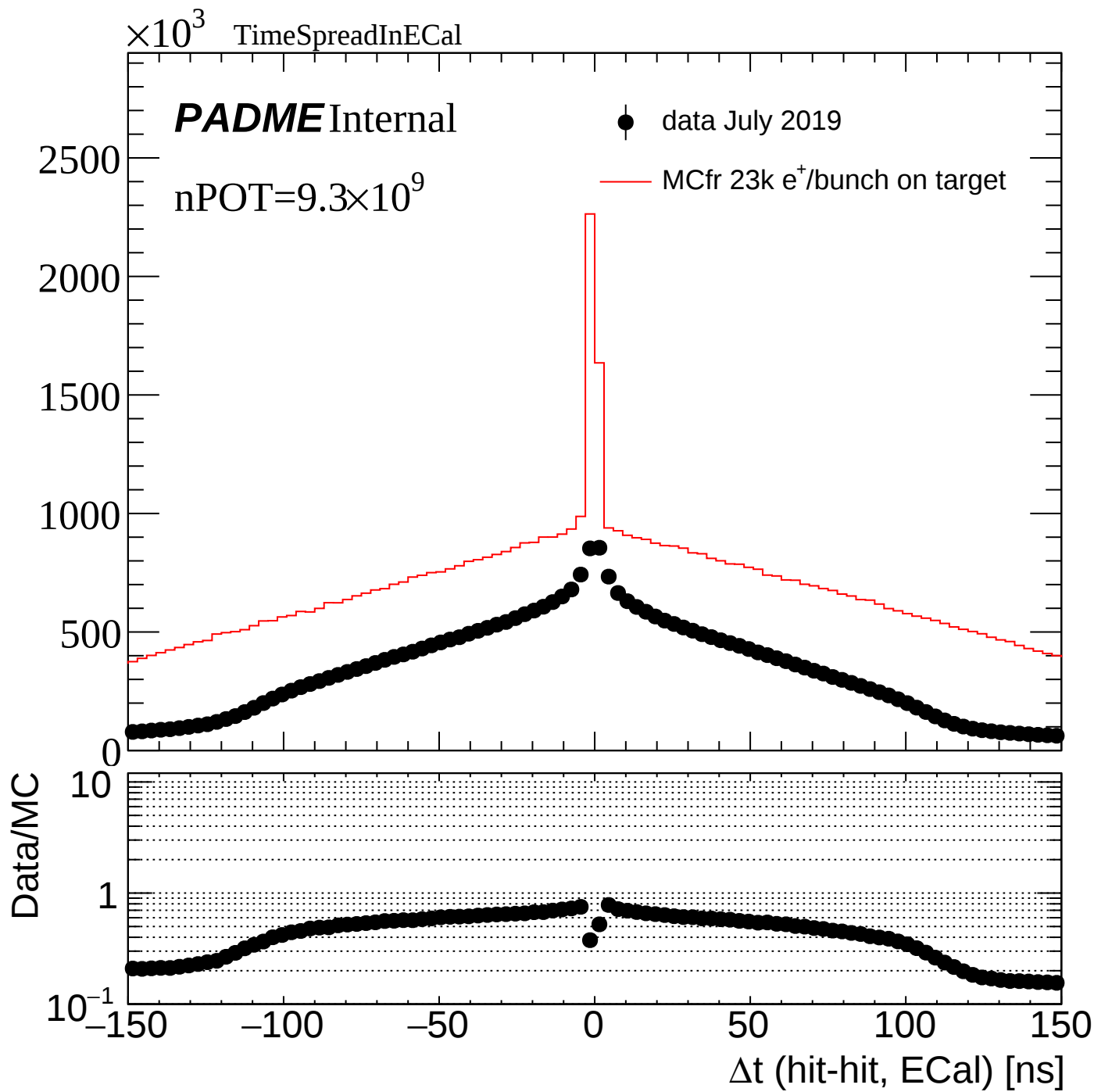


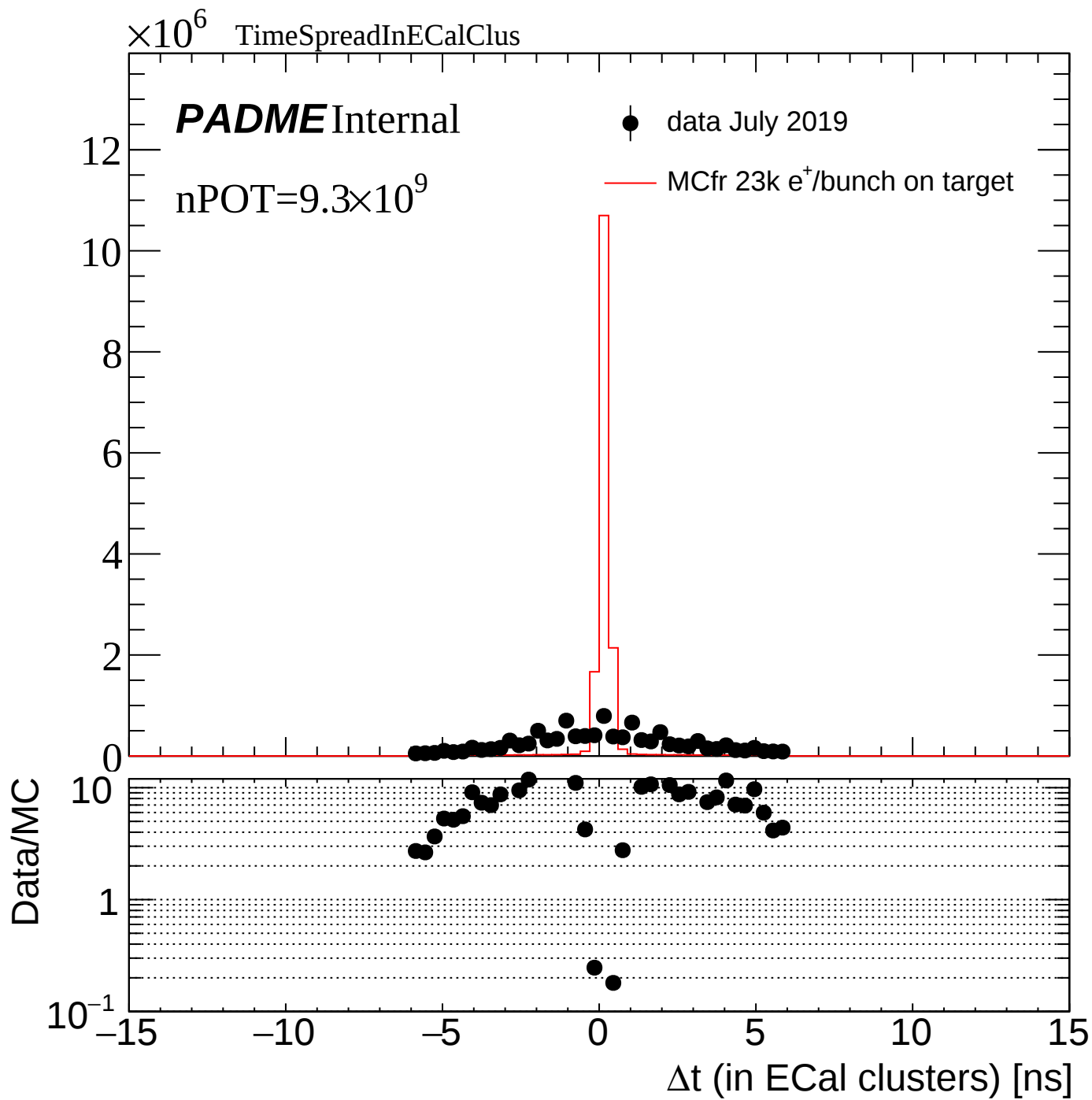
SS2gDt_passDtDphiCogFR

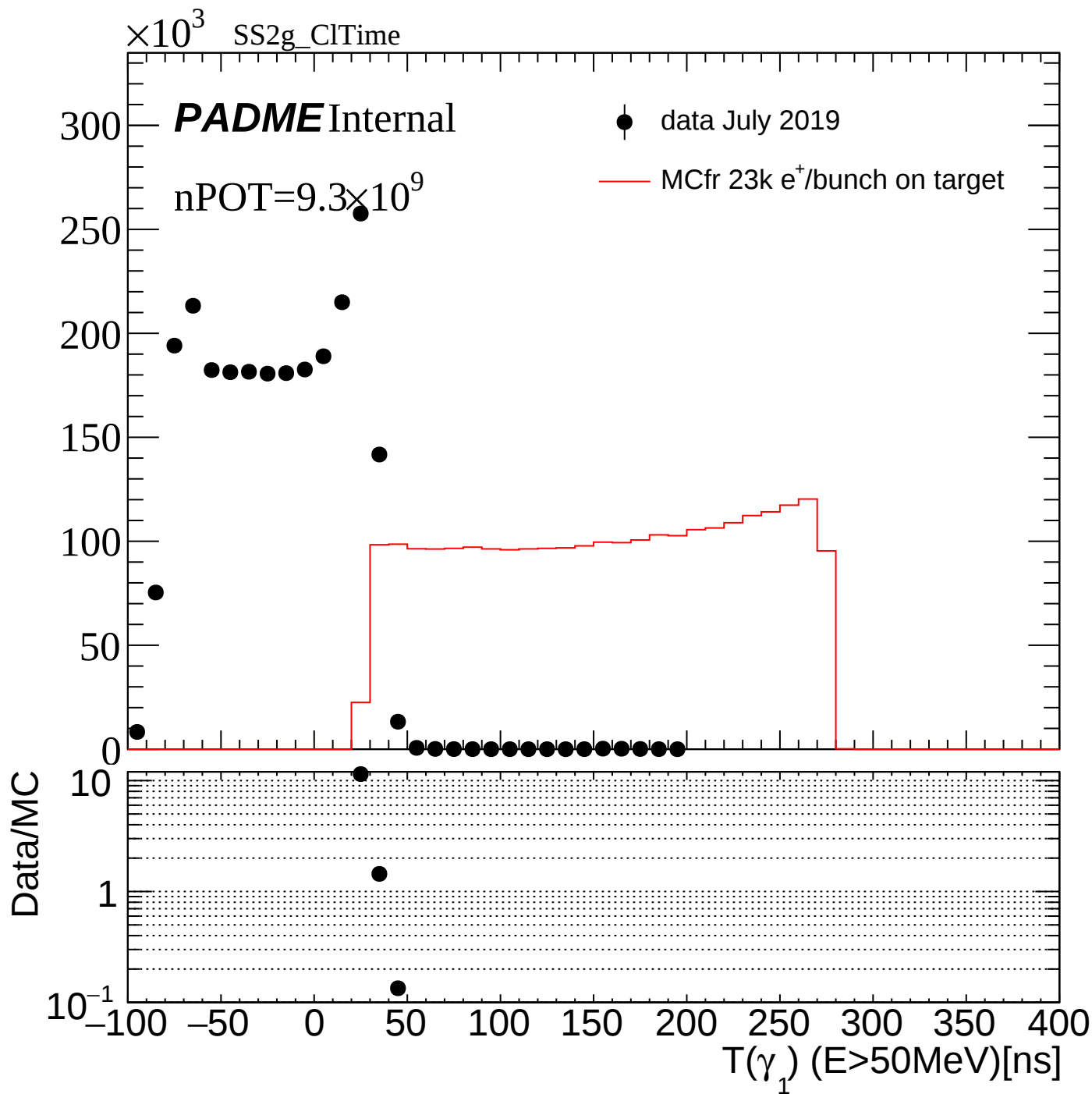


SS2gDt_passDtDphiCogDsume









SS2g_ClTime_passDtDphiCogDsume

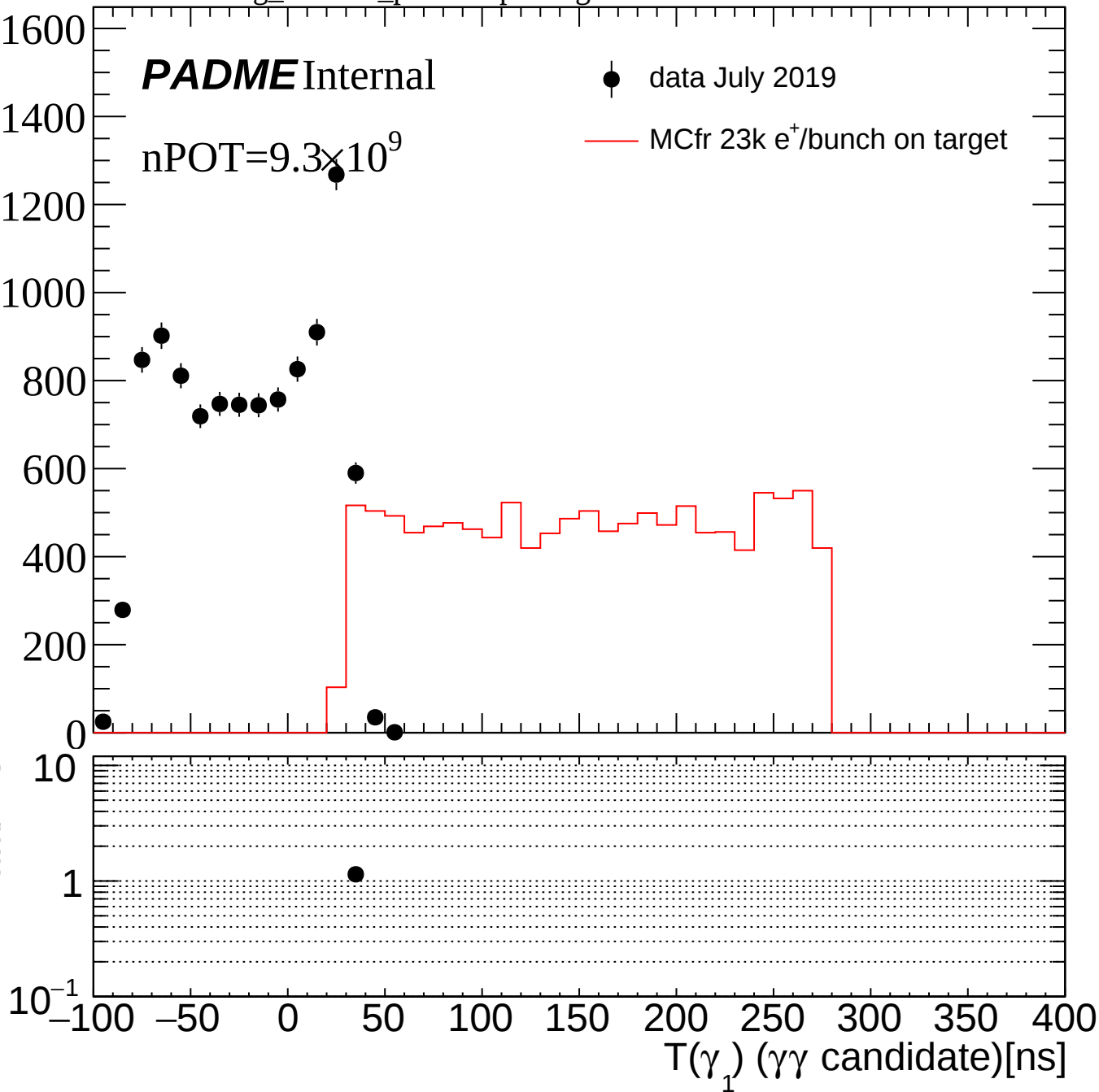
PADME Internal

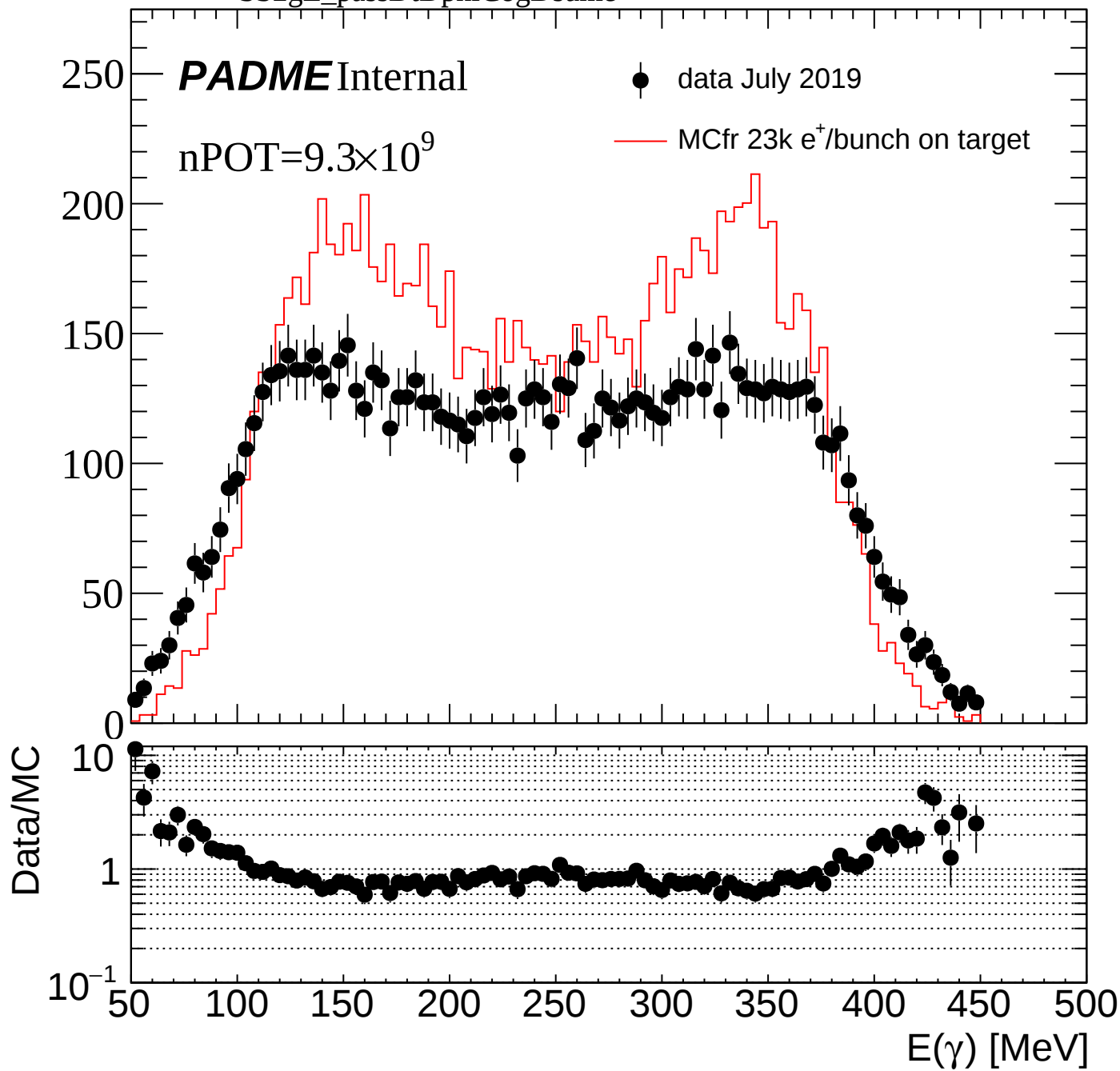
nPOT=9.3×10⁹

● data July 2019

— MCfr 23k e⁺/bunch on target

Data/MC





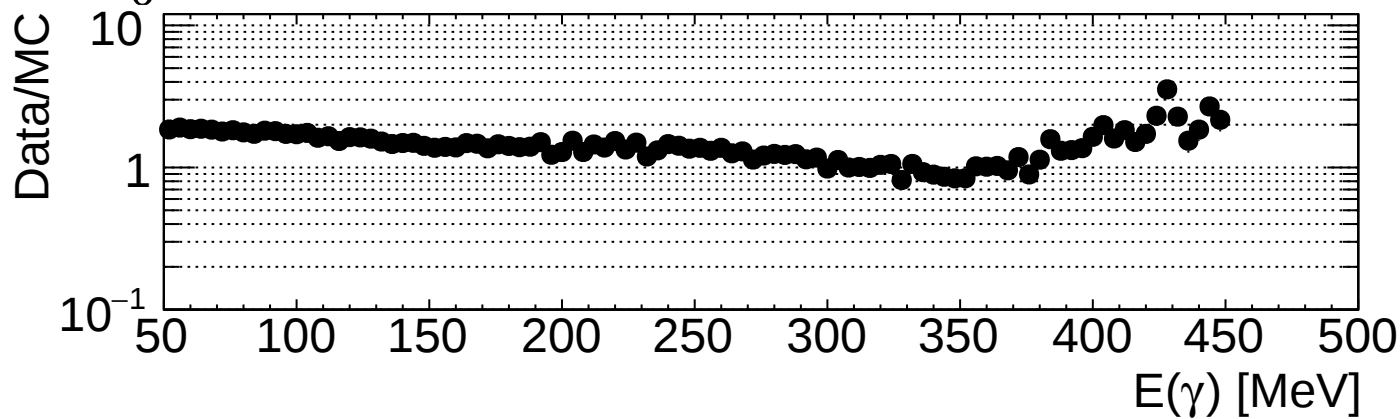
SS2gE_passDtDphiCogFR

PADME Internal

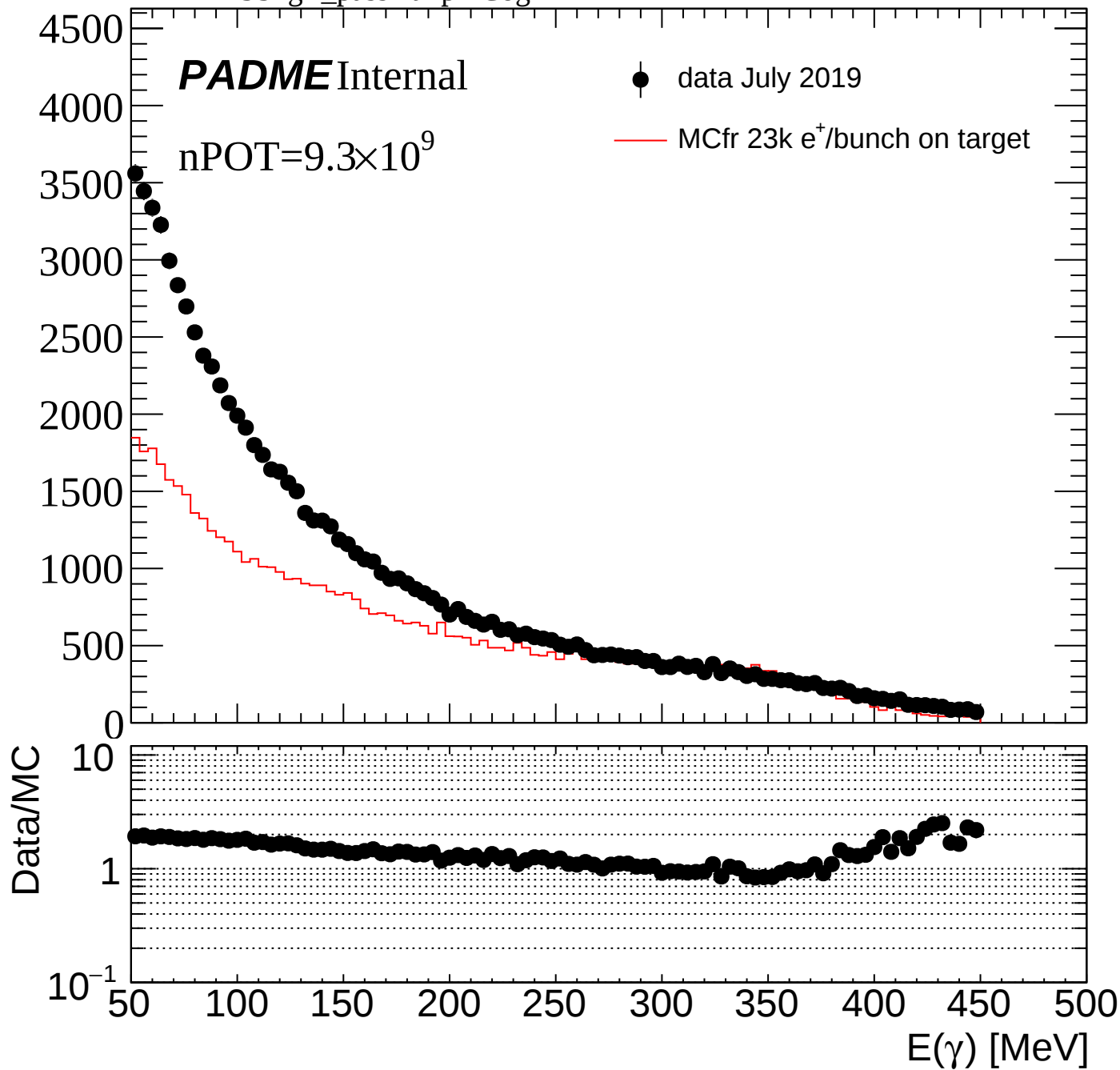
nPOT=9.3×10⁹

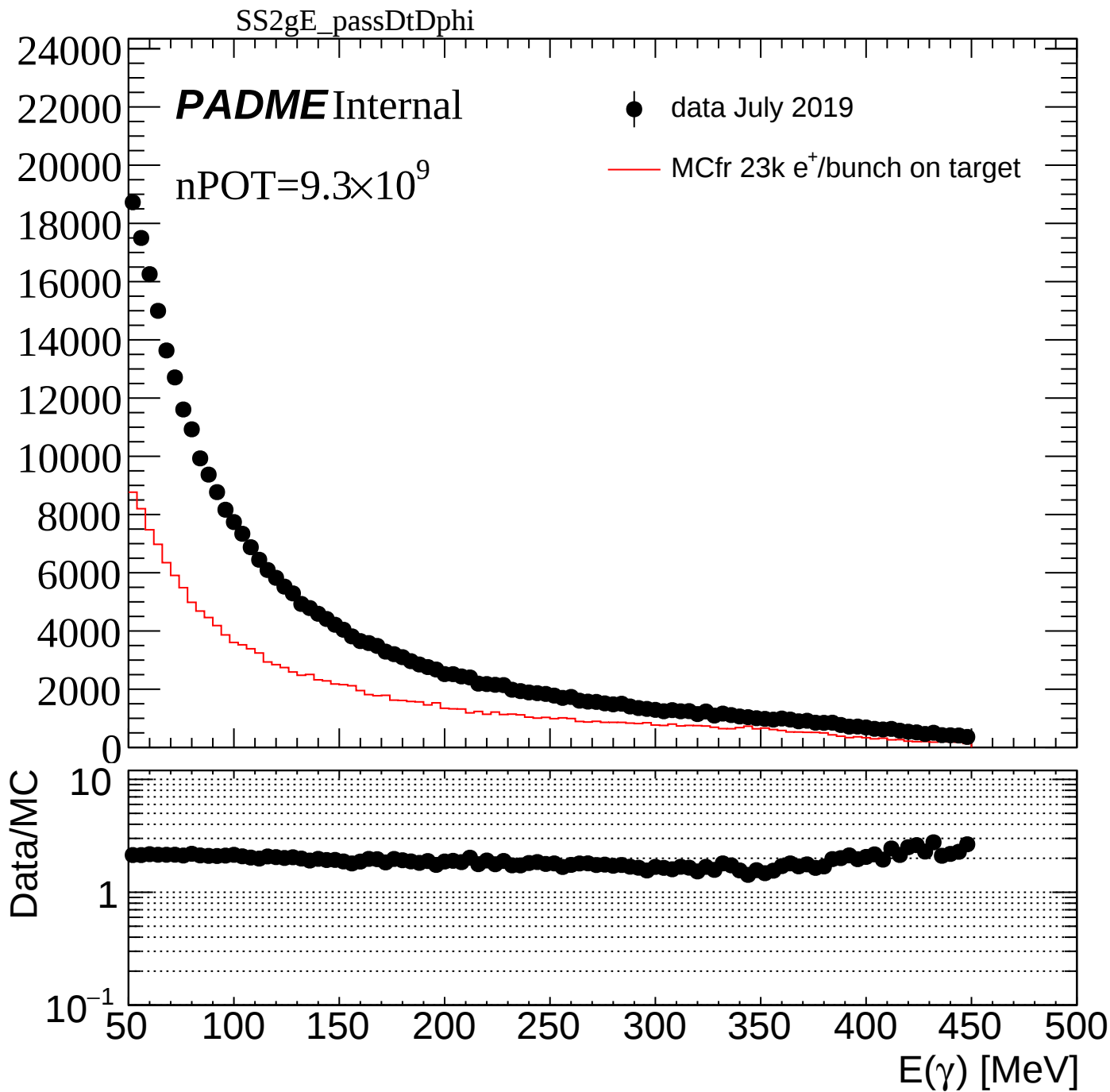
● data July 2019

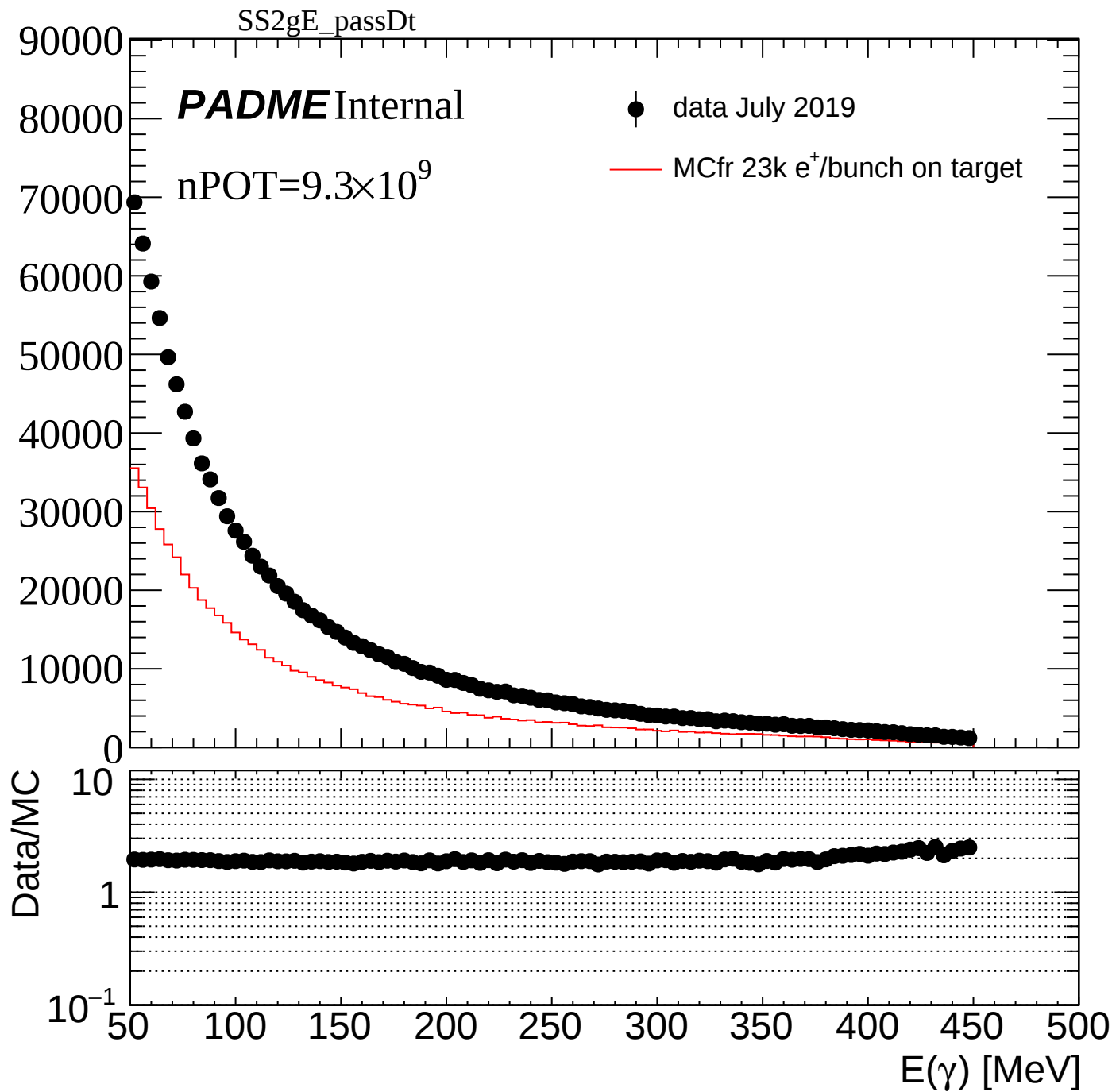
— MCfr 23k e⁺/bunch on target

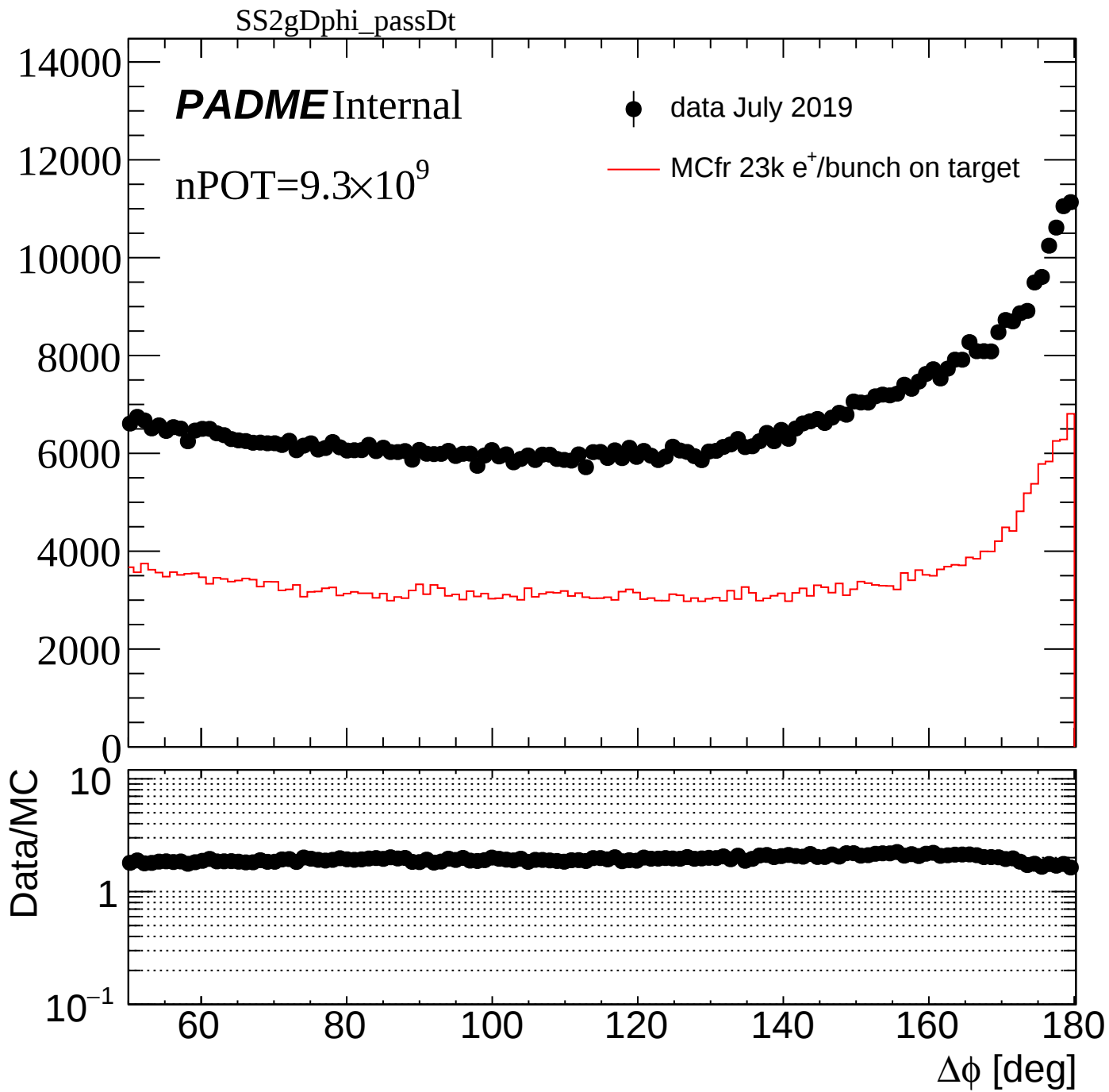


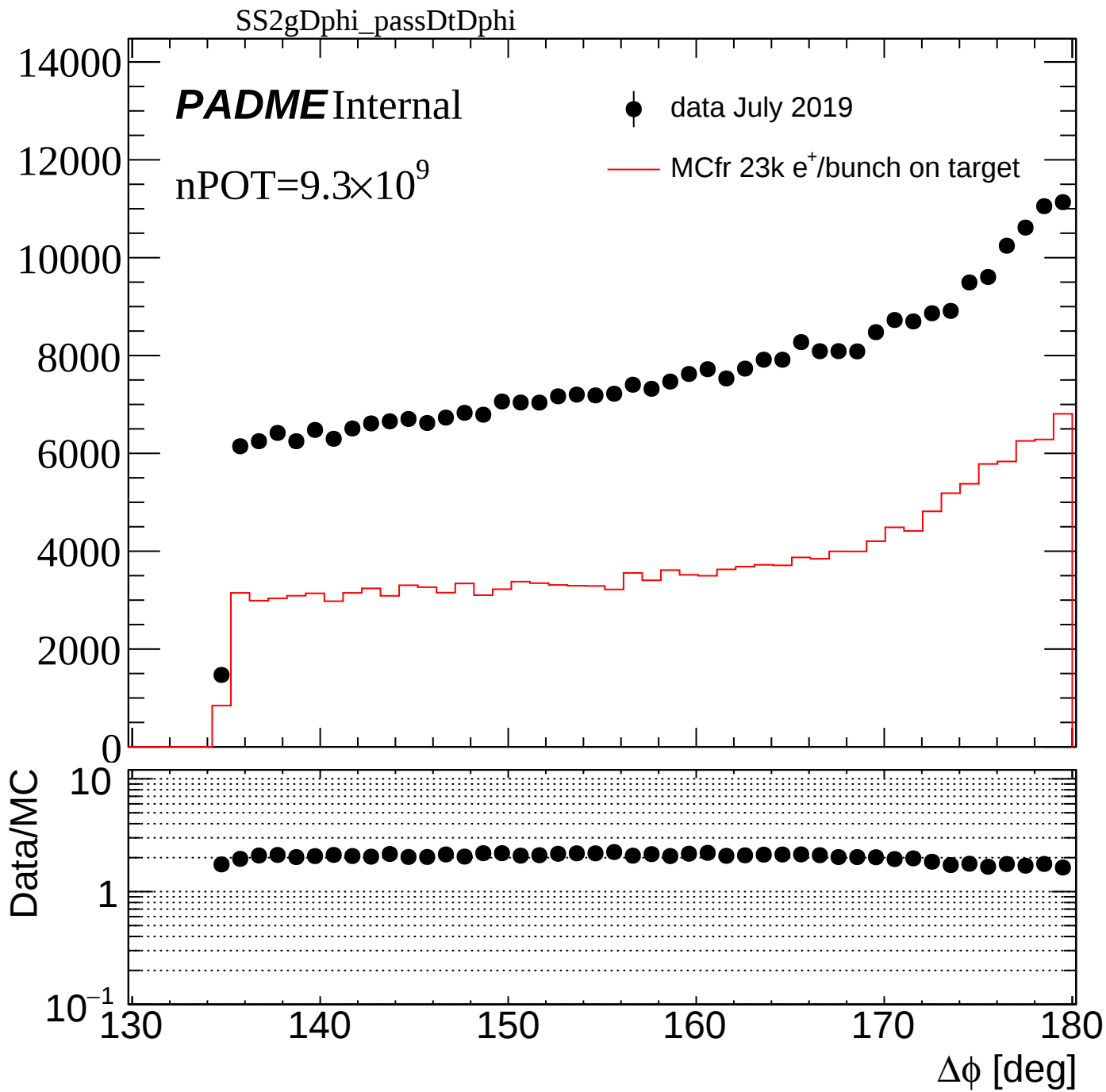
SS2gE_passDtDphiCog



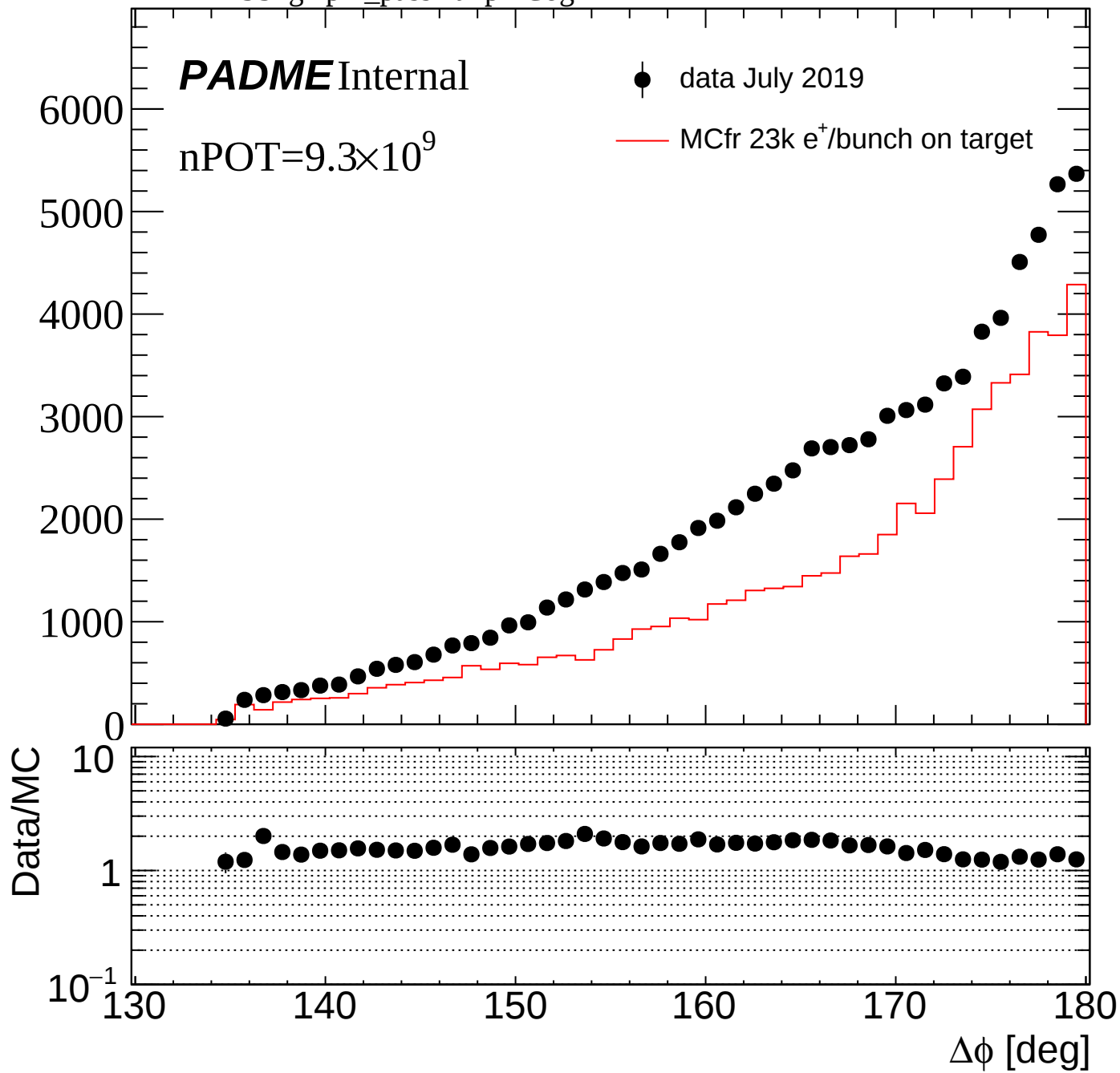




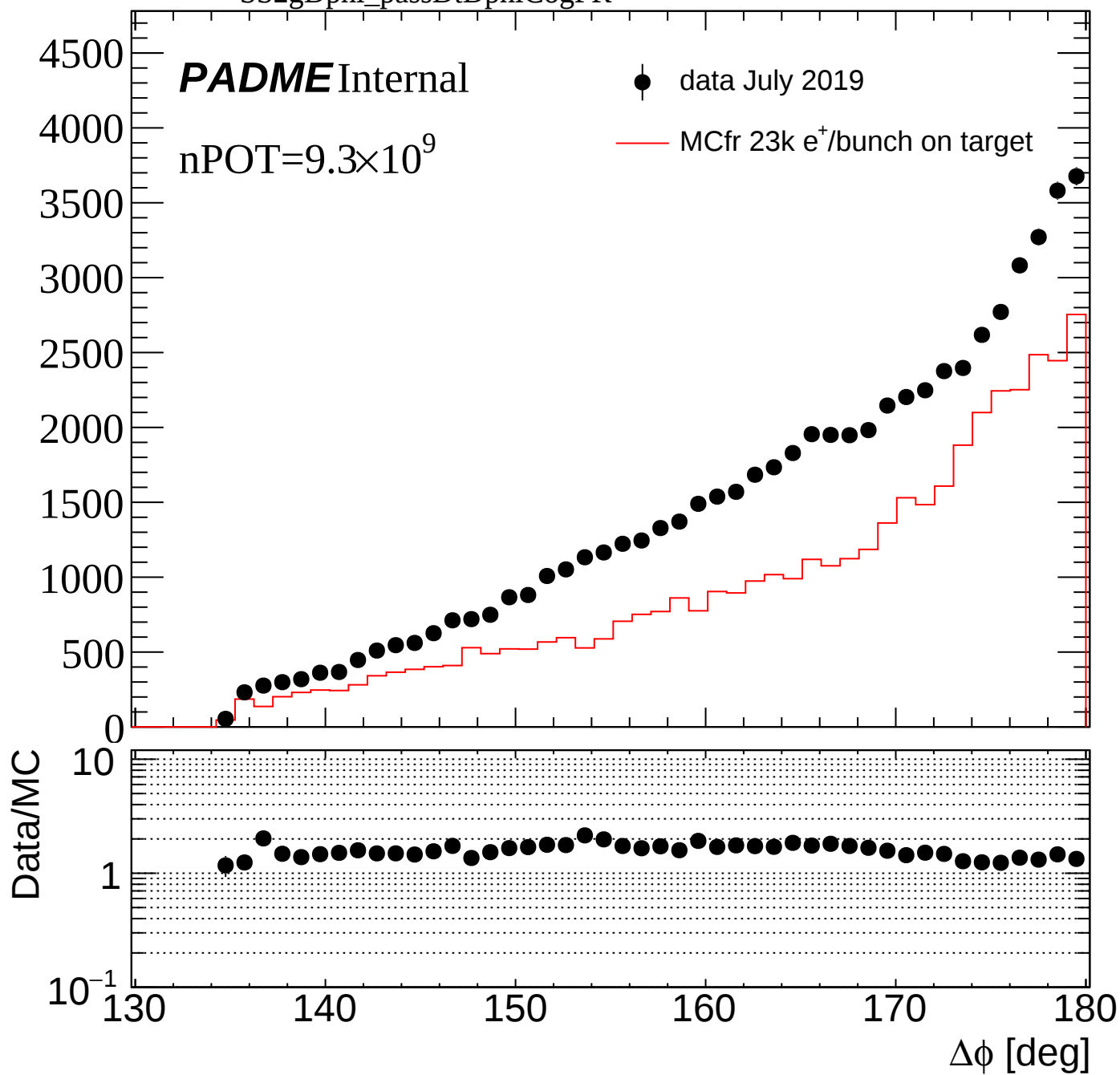




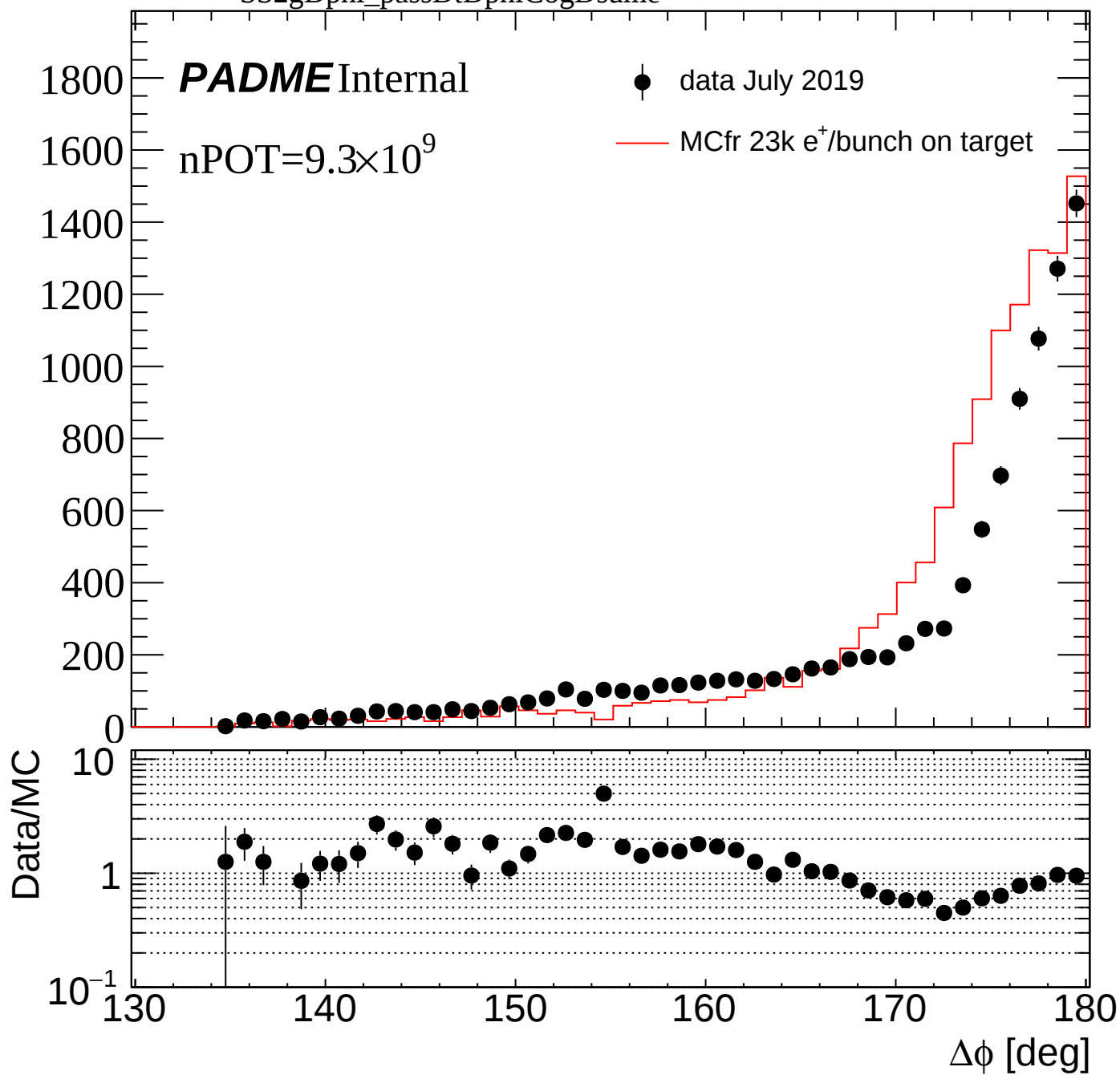
SS2gDphi_passDtDphiCog



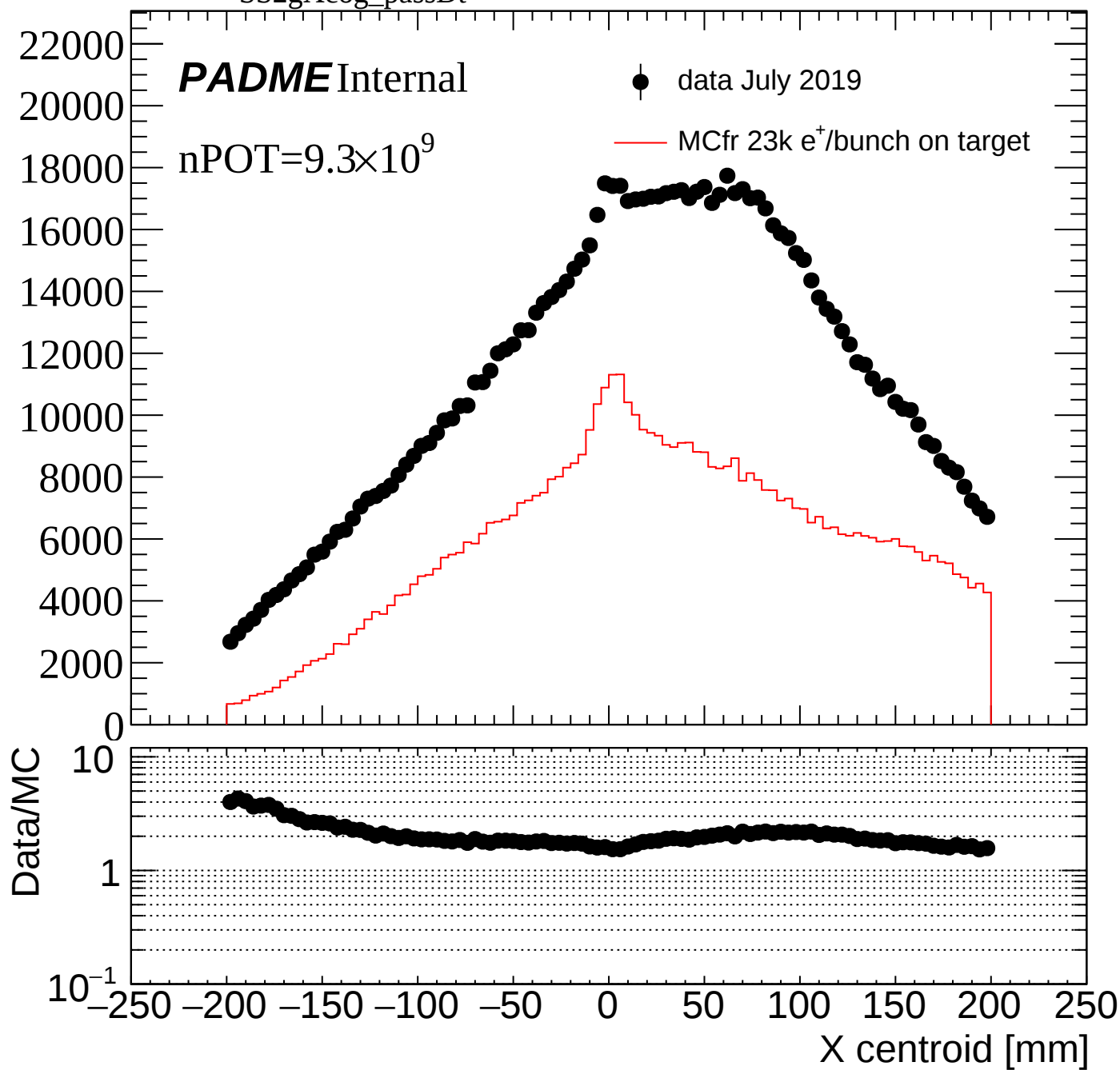
SS2gDphi_passDtDphiCogFR



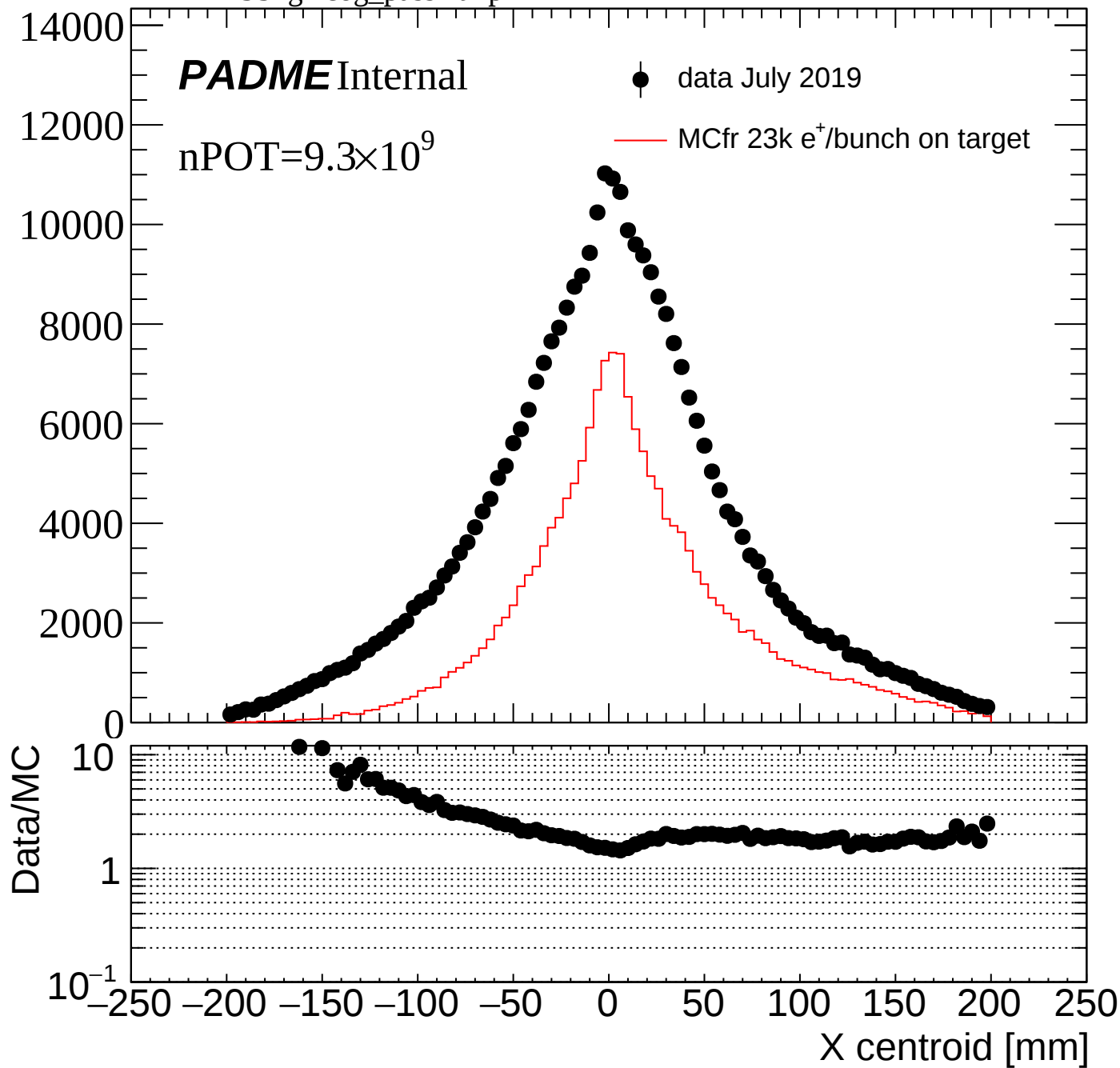
SS2gDphi_passDtDphiCogDsume



SS2gXcog_passDt



SS2gXcog_passDtDphi



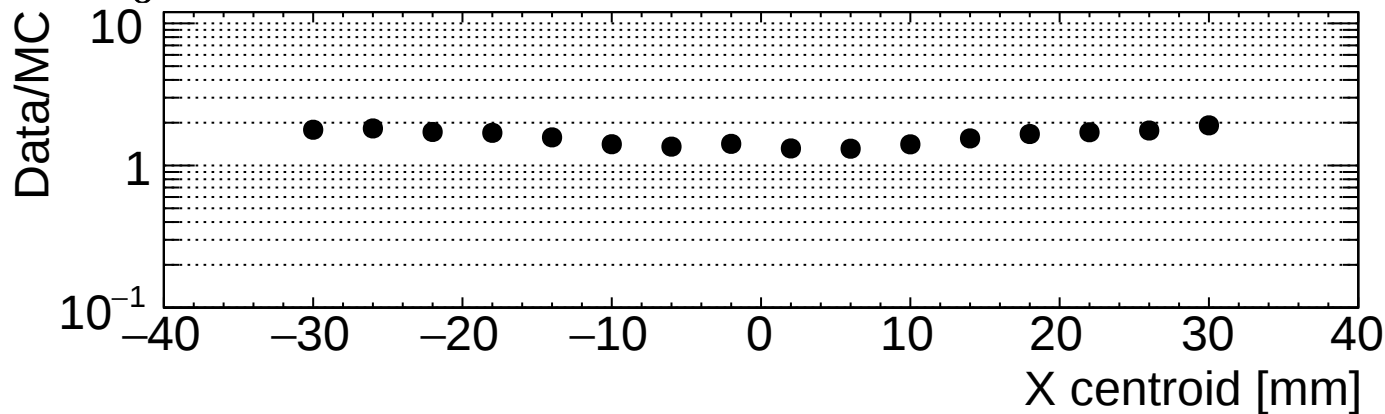
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PADME Internal

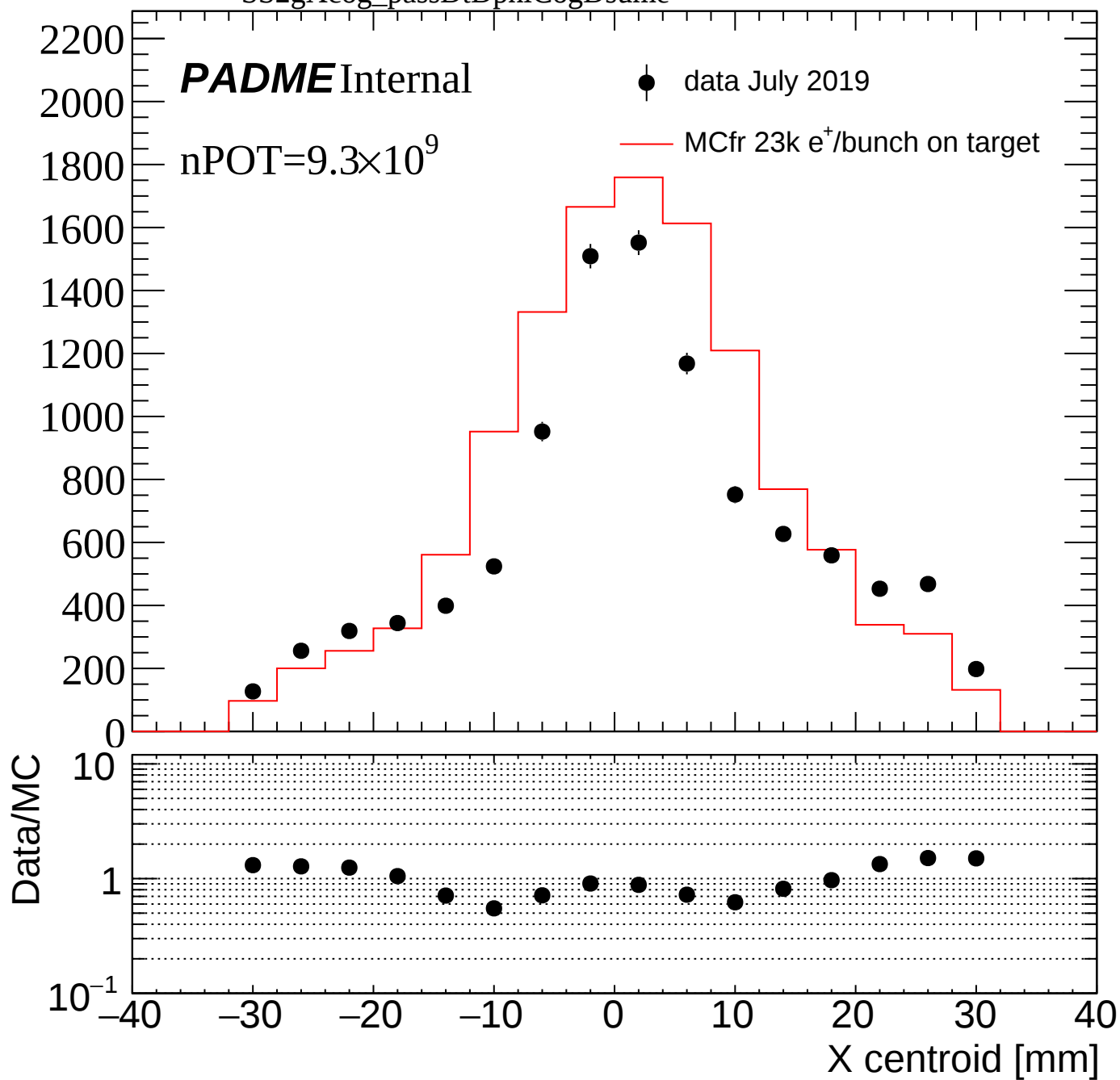
nPOT= 9.3×10^9

• data July 2019

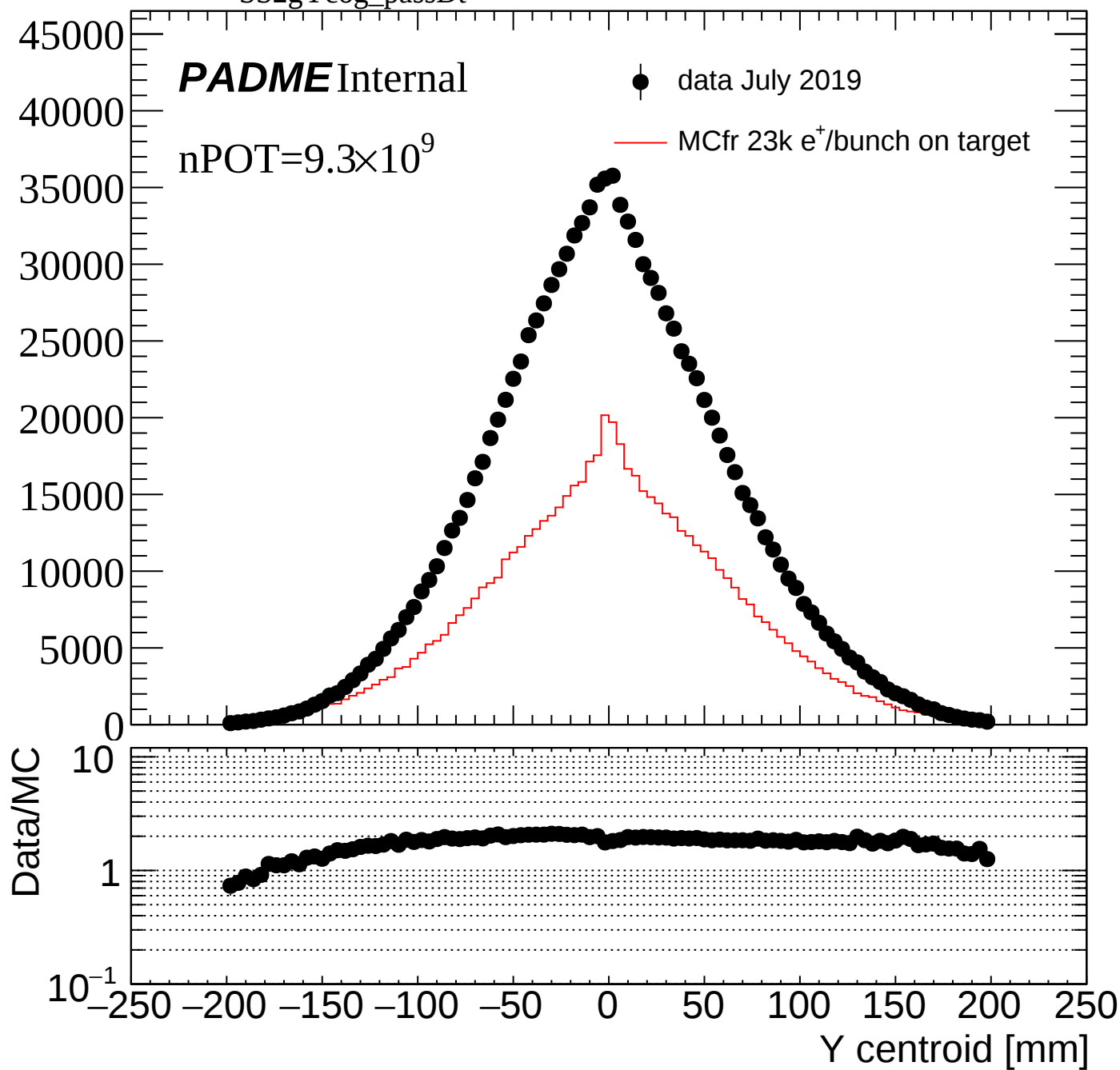
— MCfr 23k e⁺/bunch on target



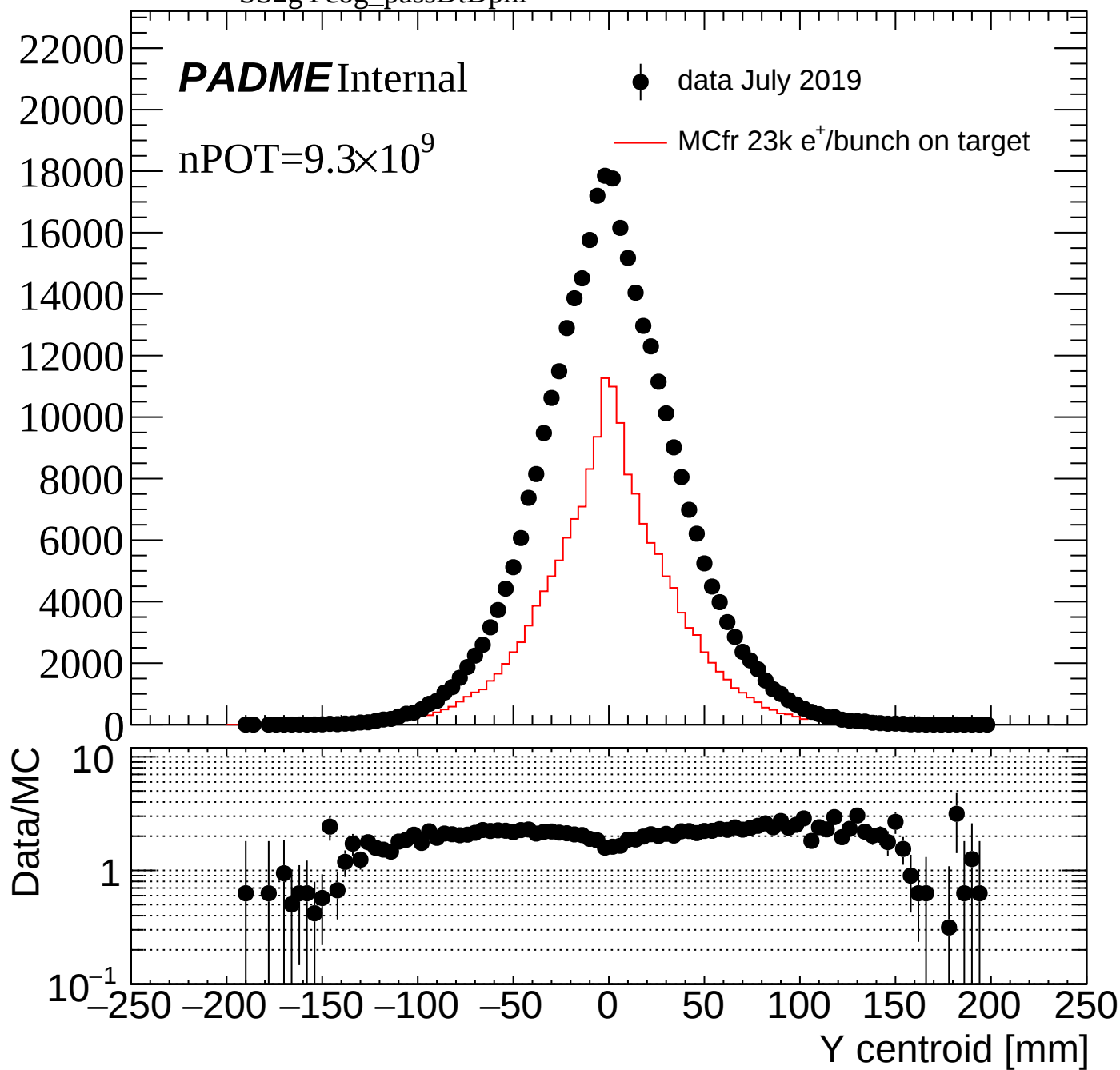
SS2gXcog_passDtDphiCogDsume

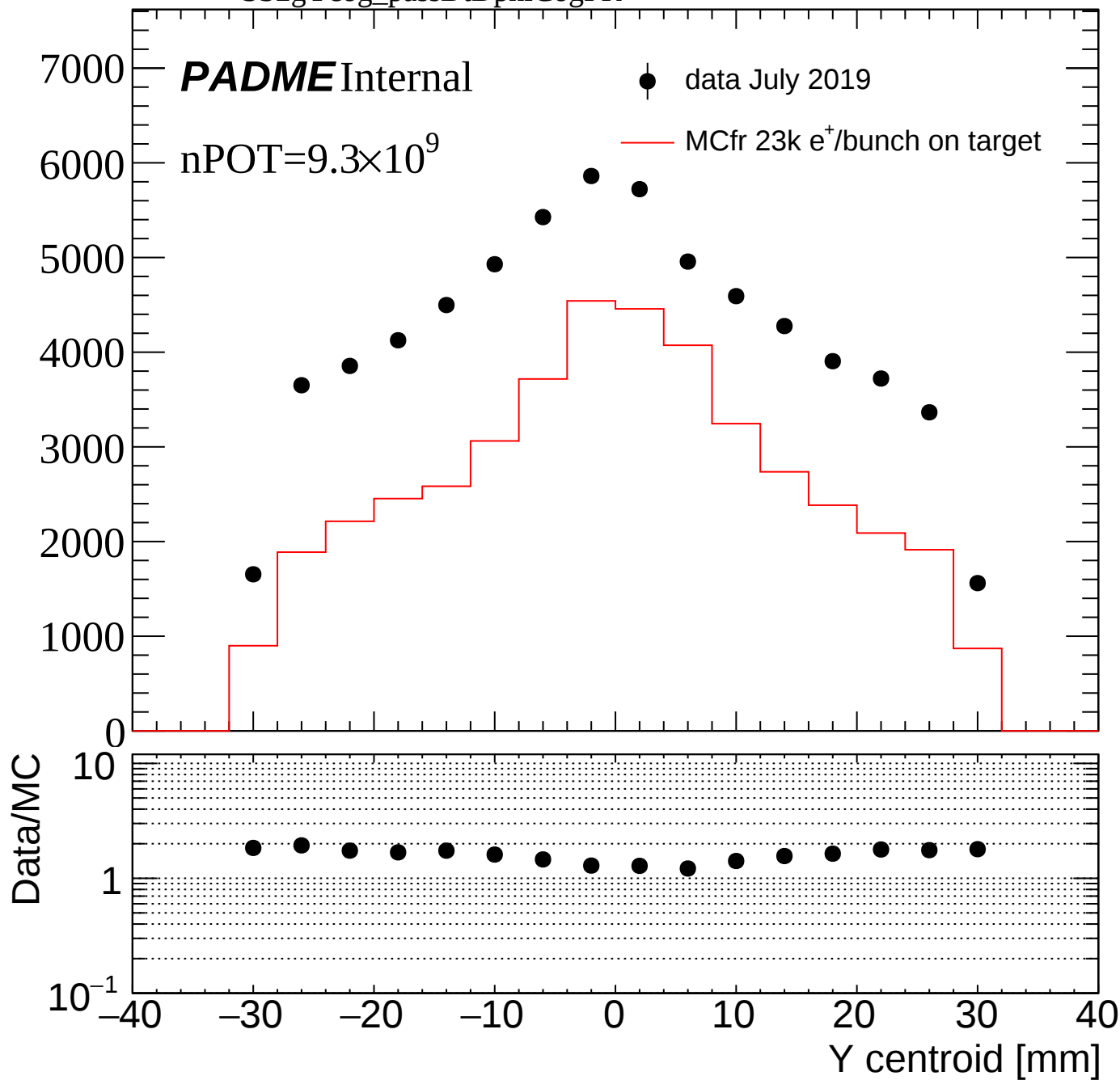


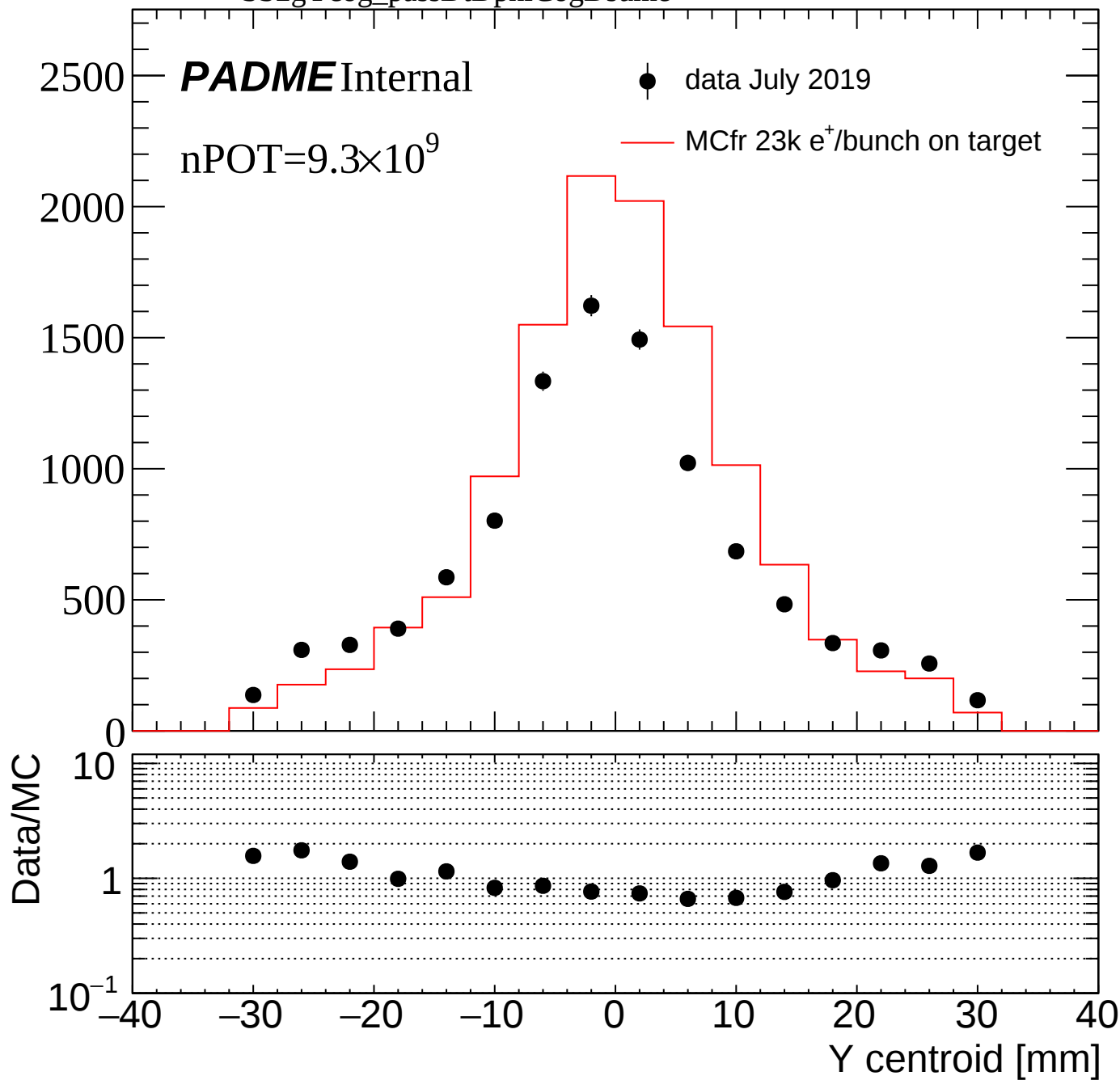
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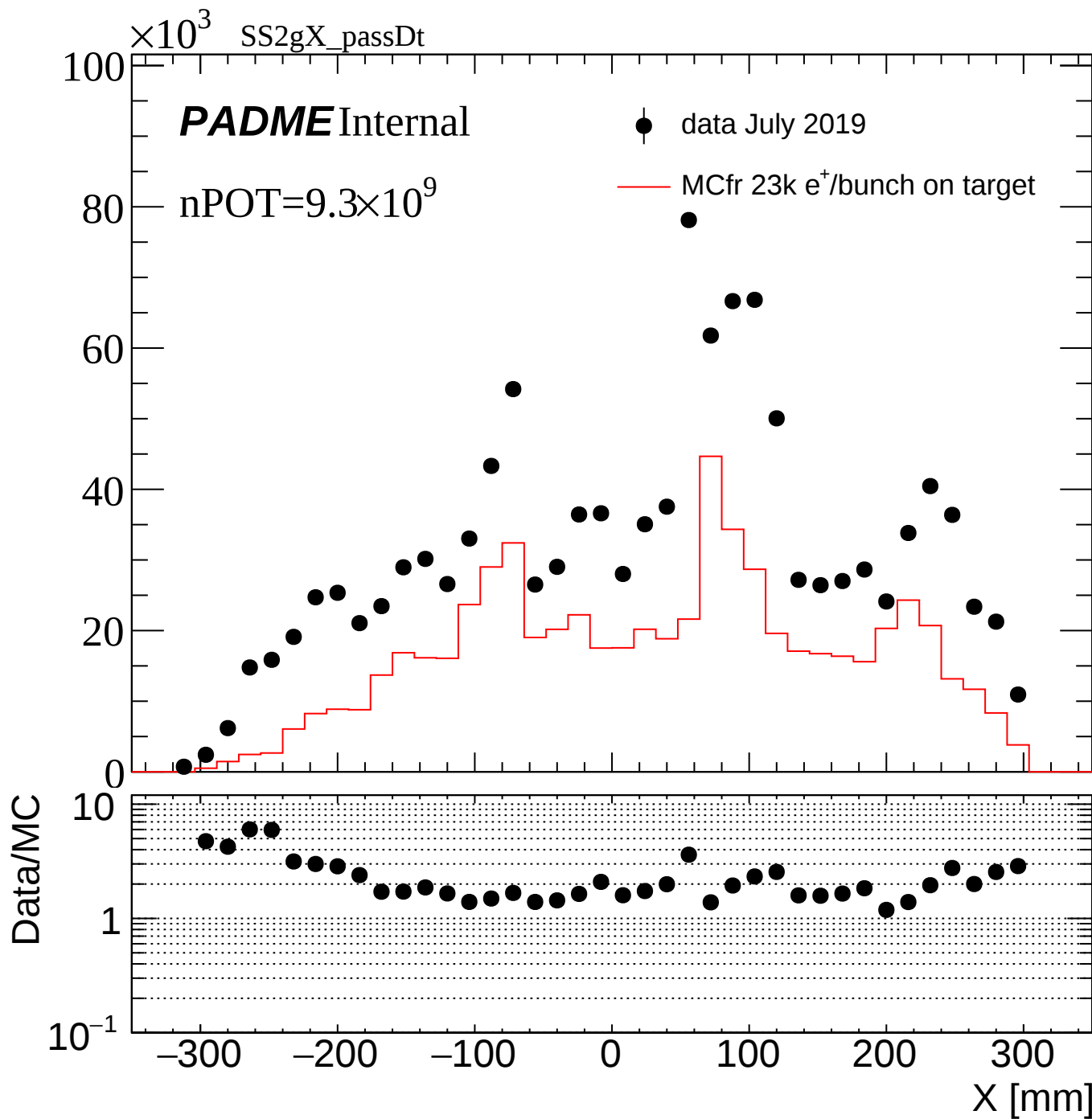


SS2gYcog_passDtDphi

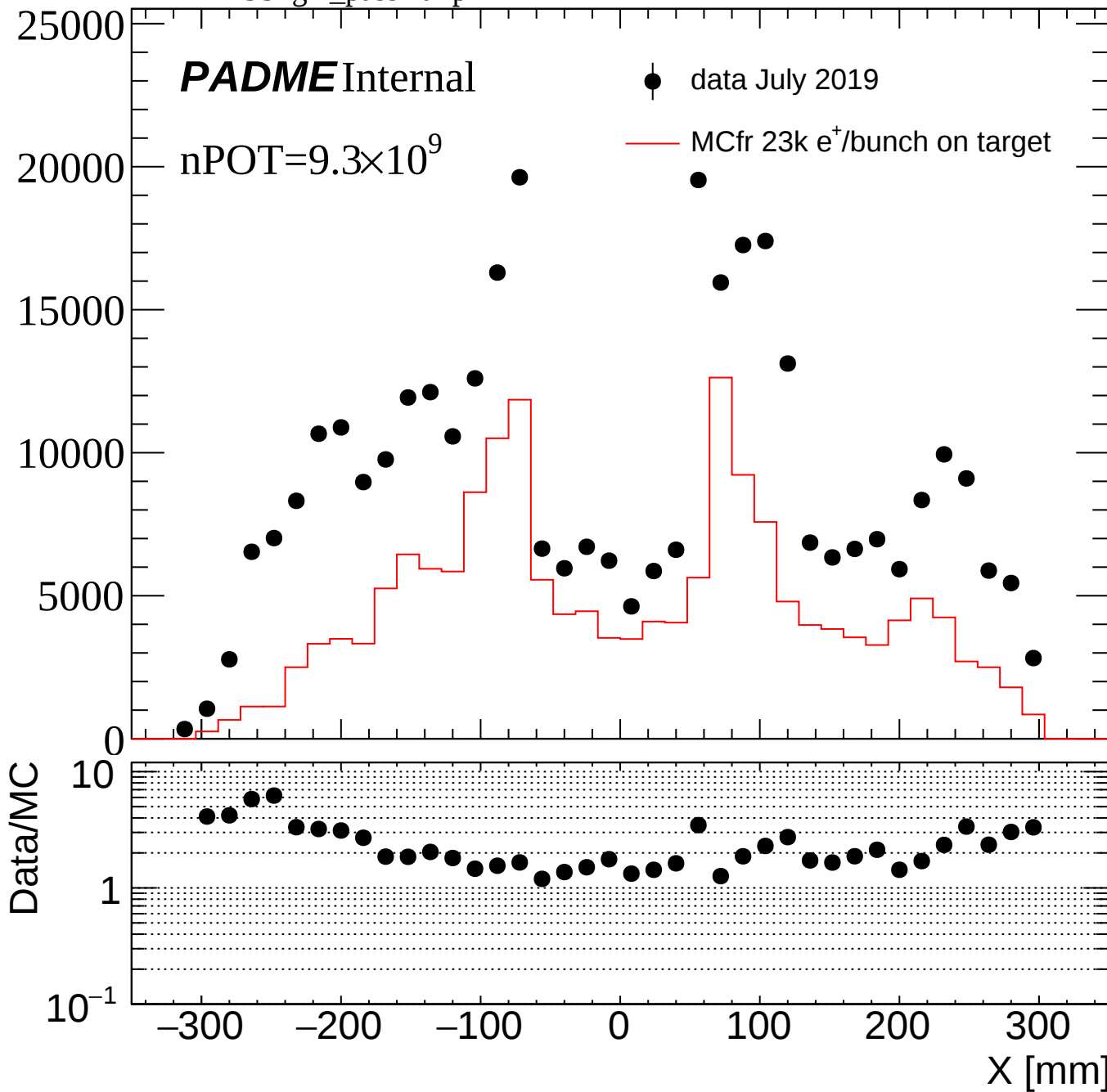




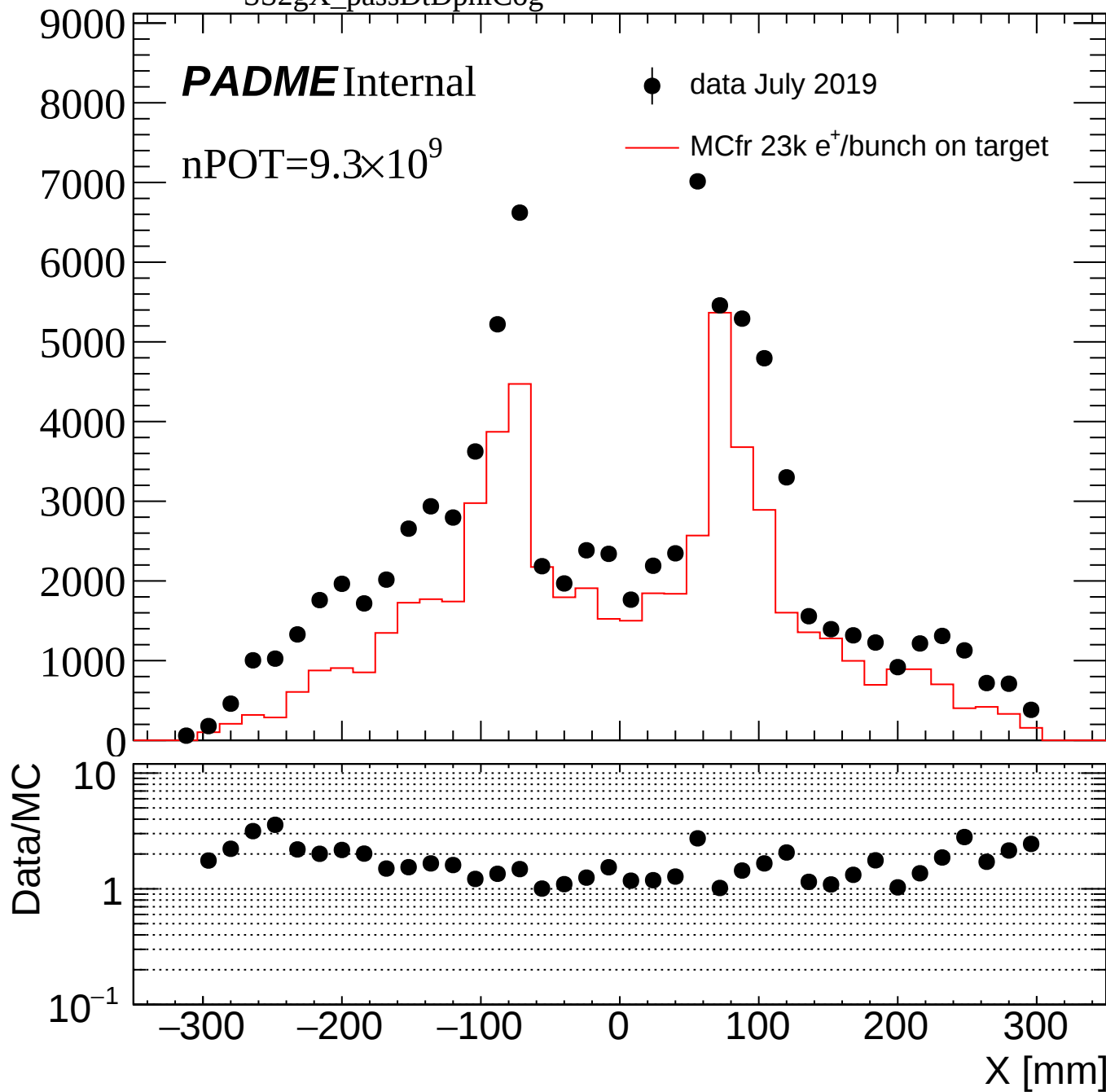




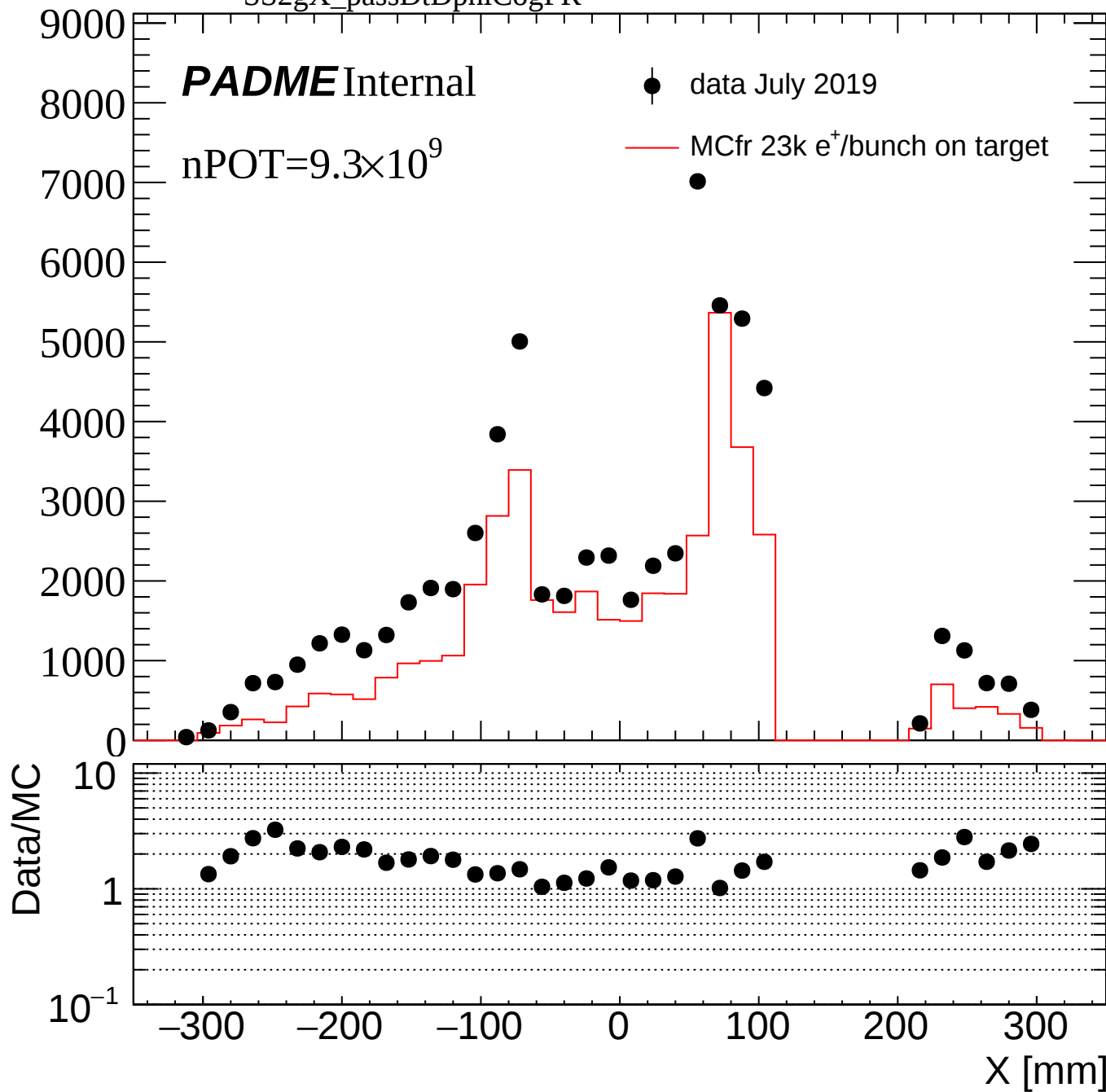
SS2gX_passDtDphi



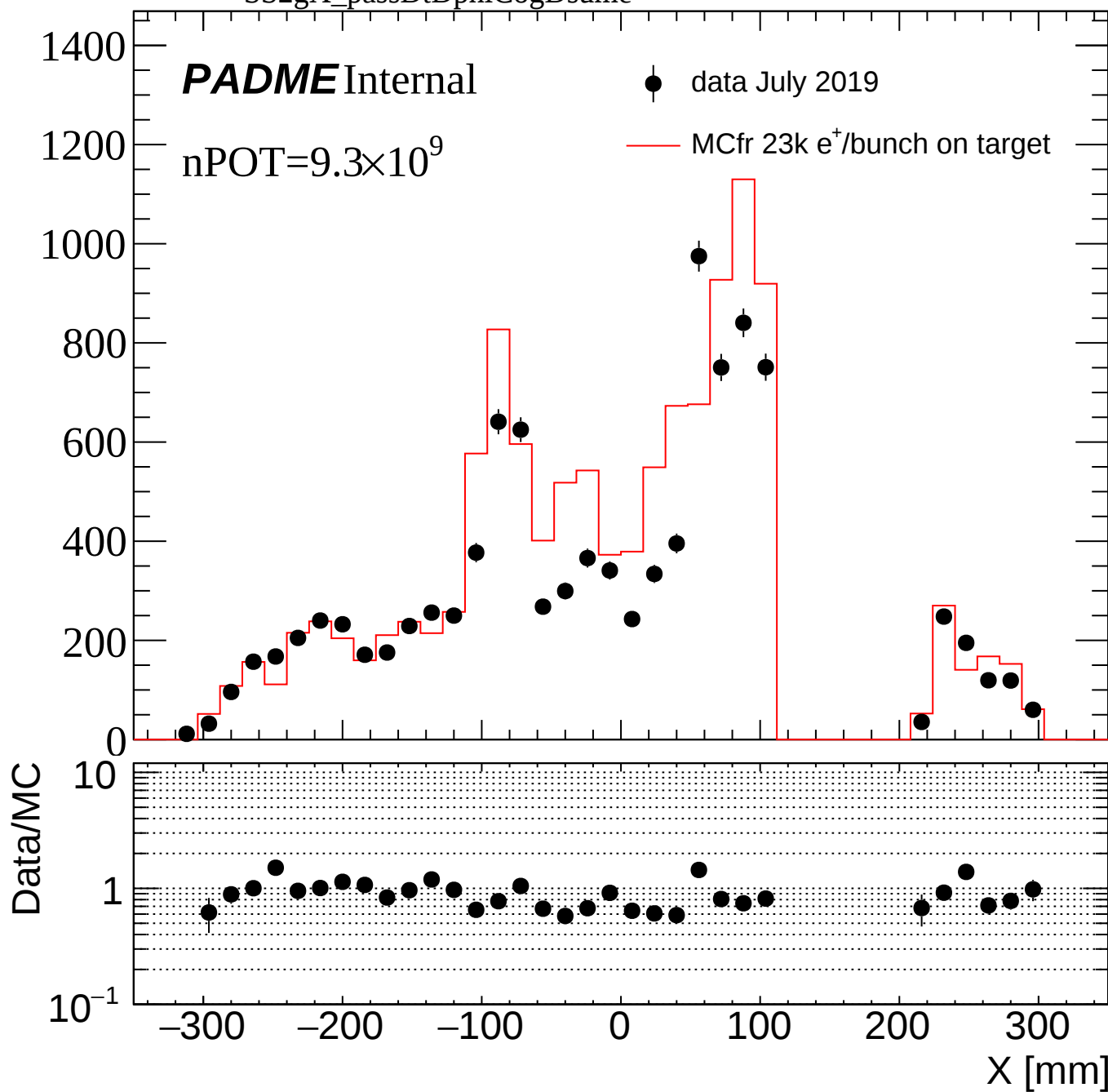
SS2gX_passDtDphiCog

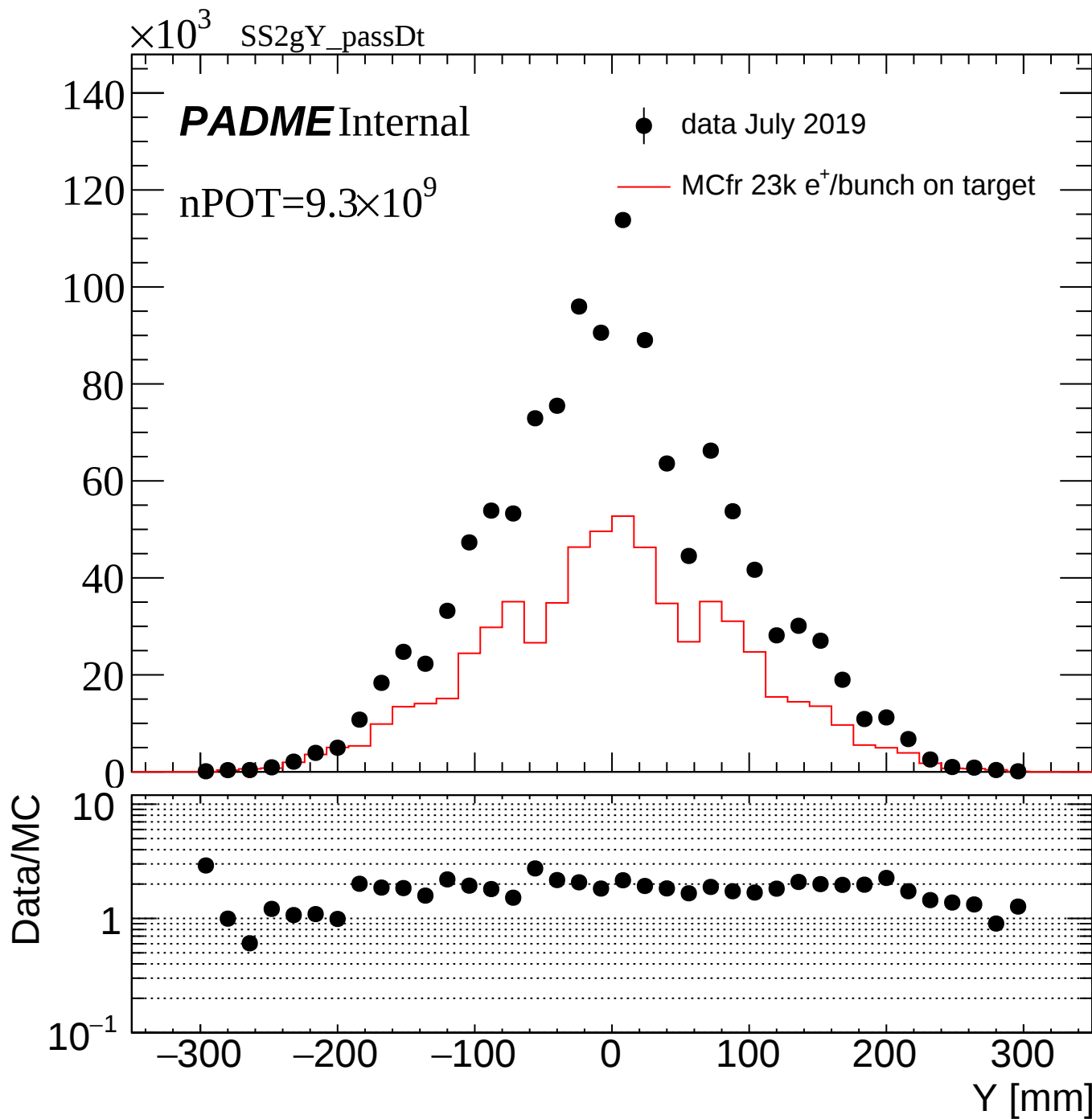


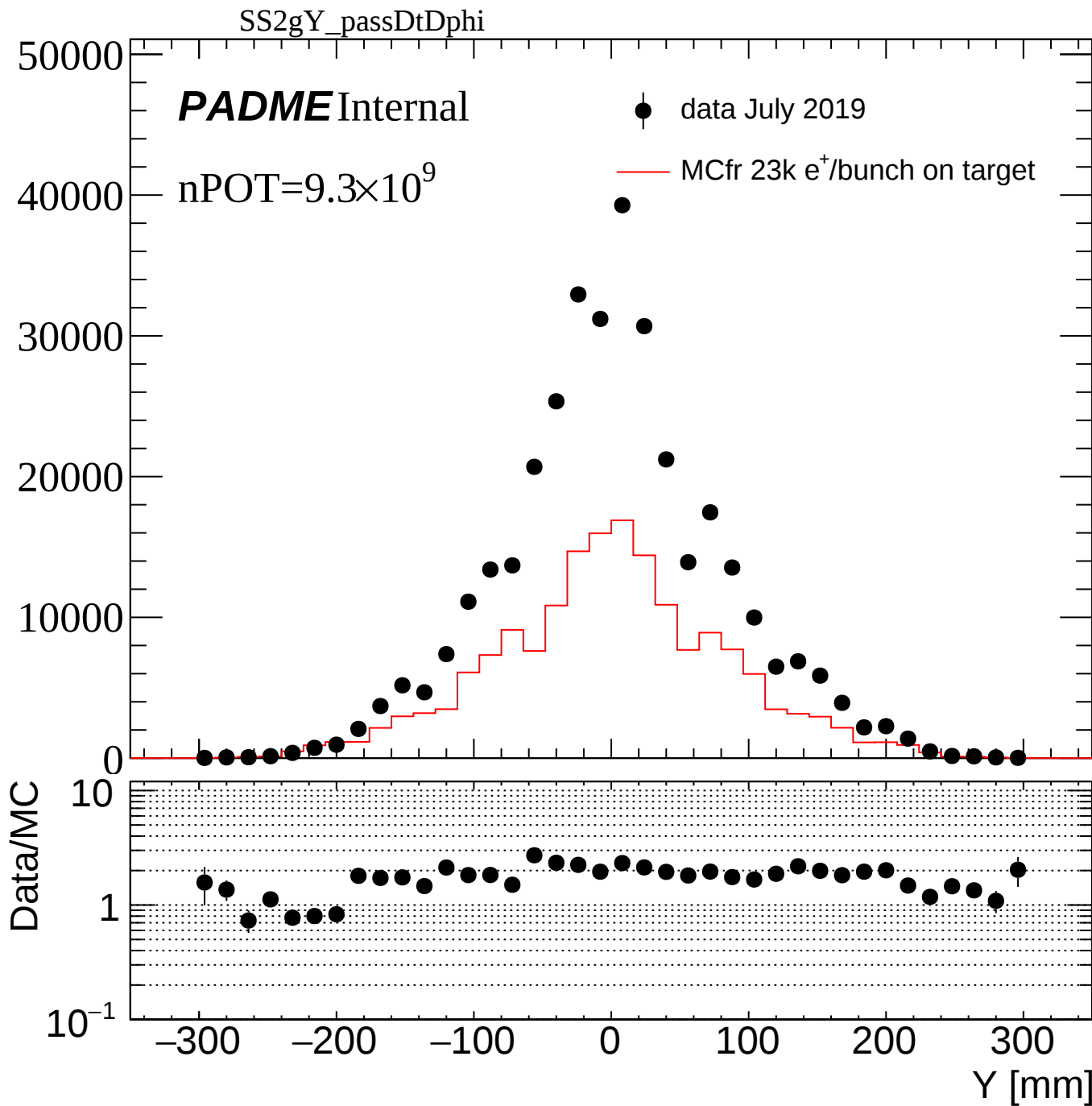
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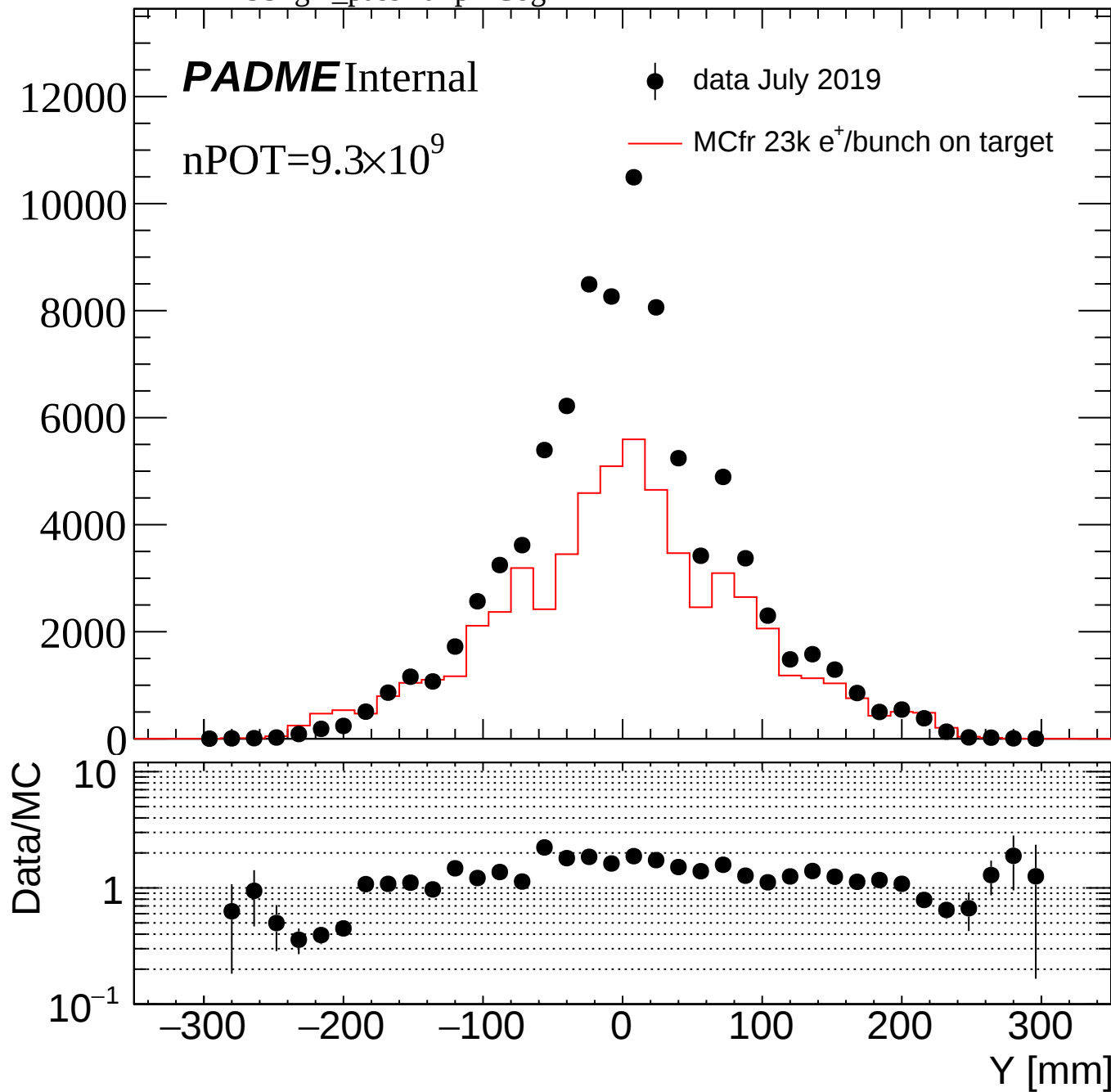


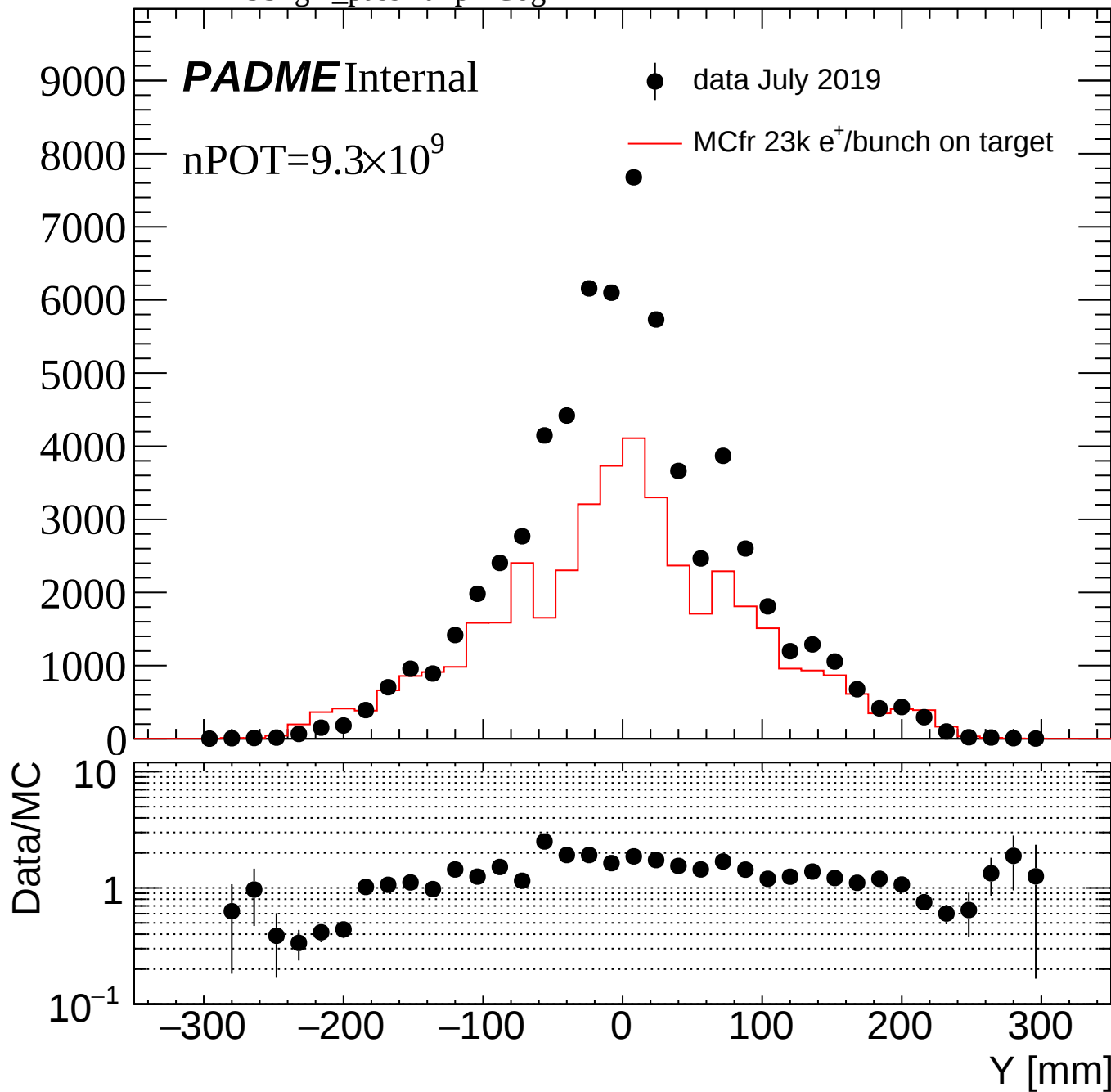
SS2gX_passDtDphiCogDsume

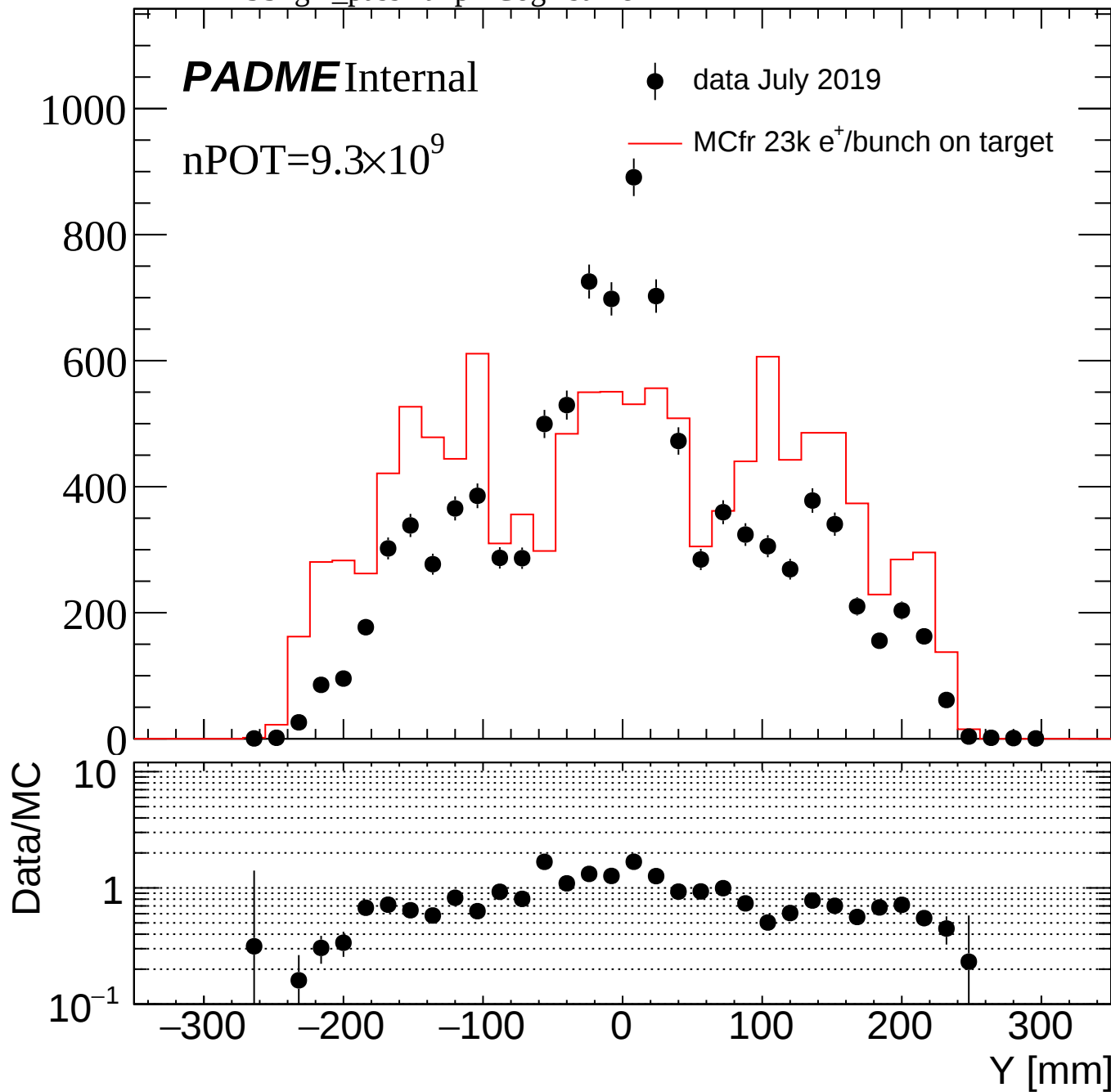


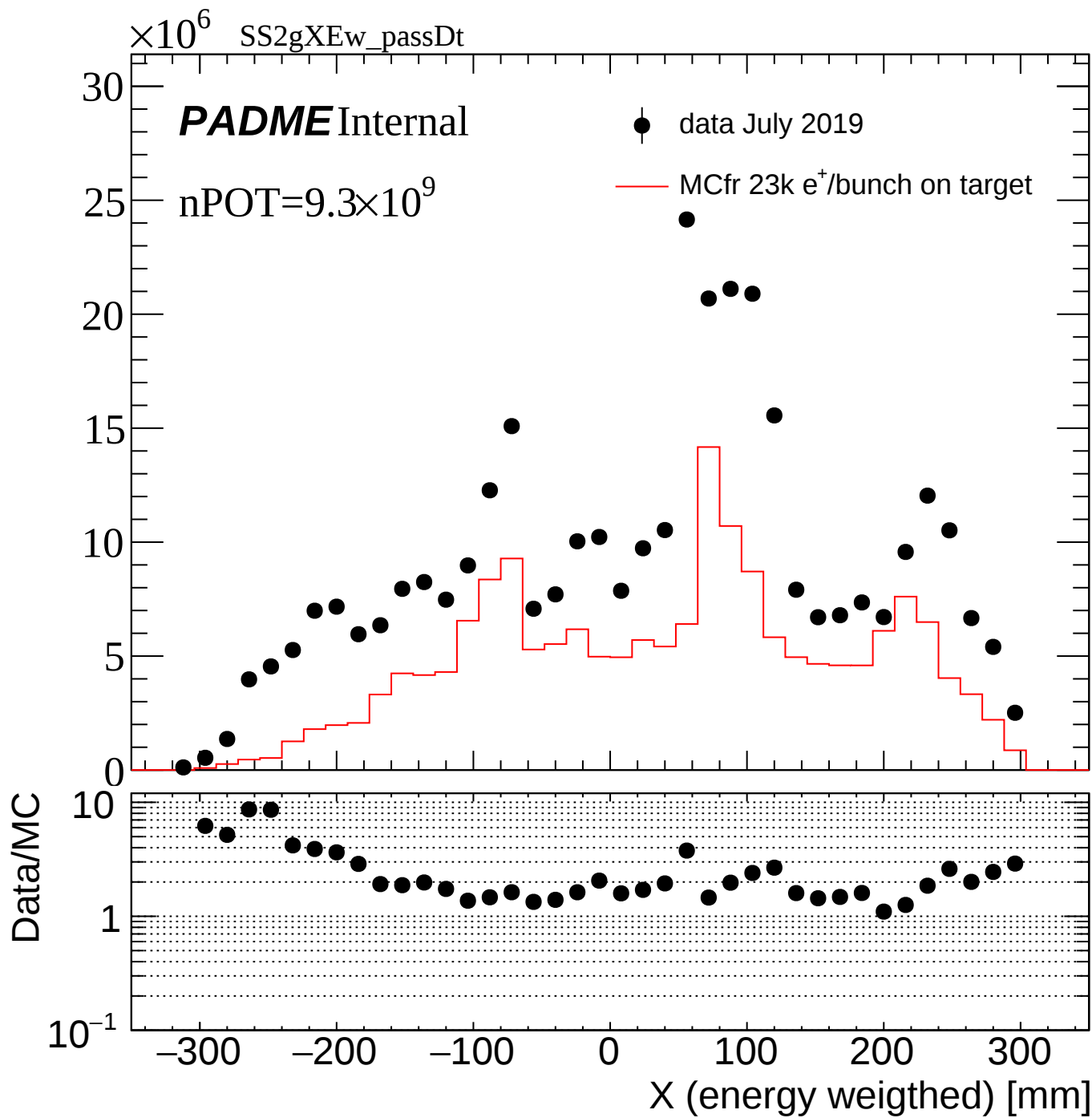


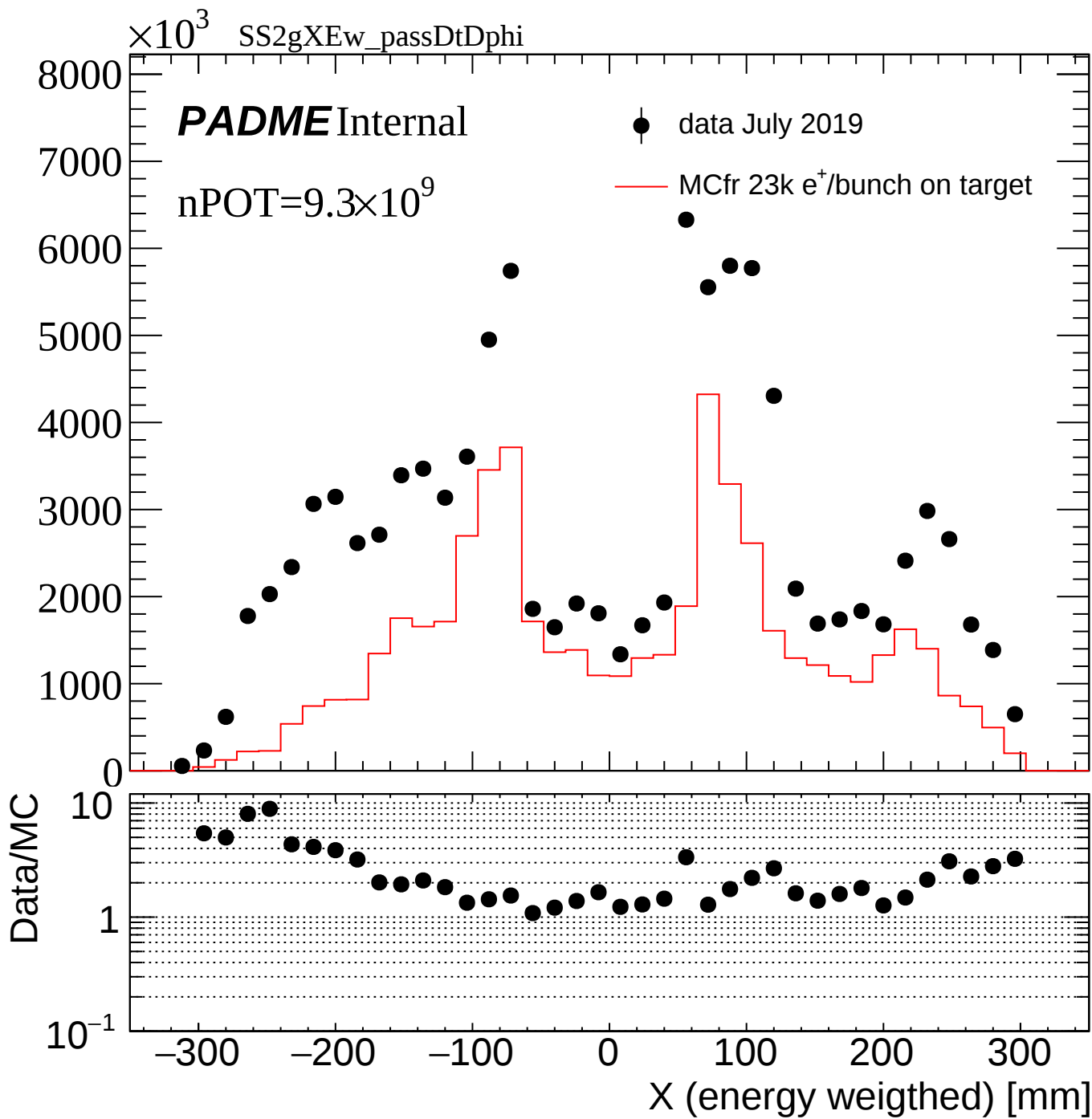


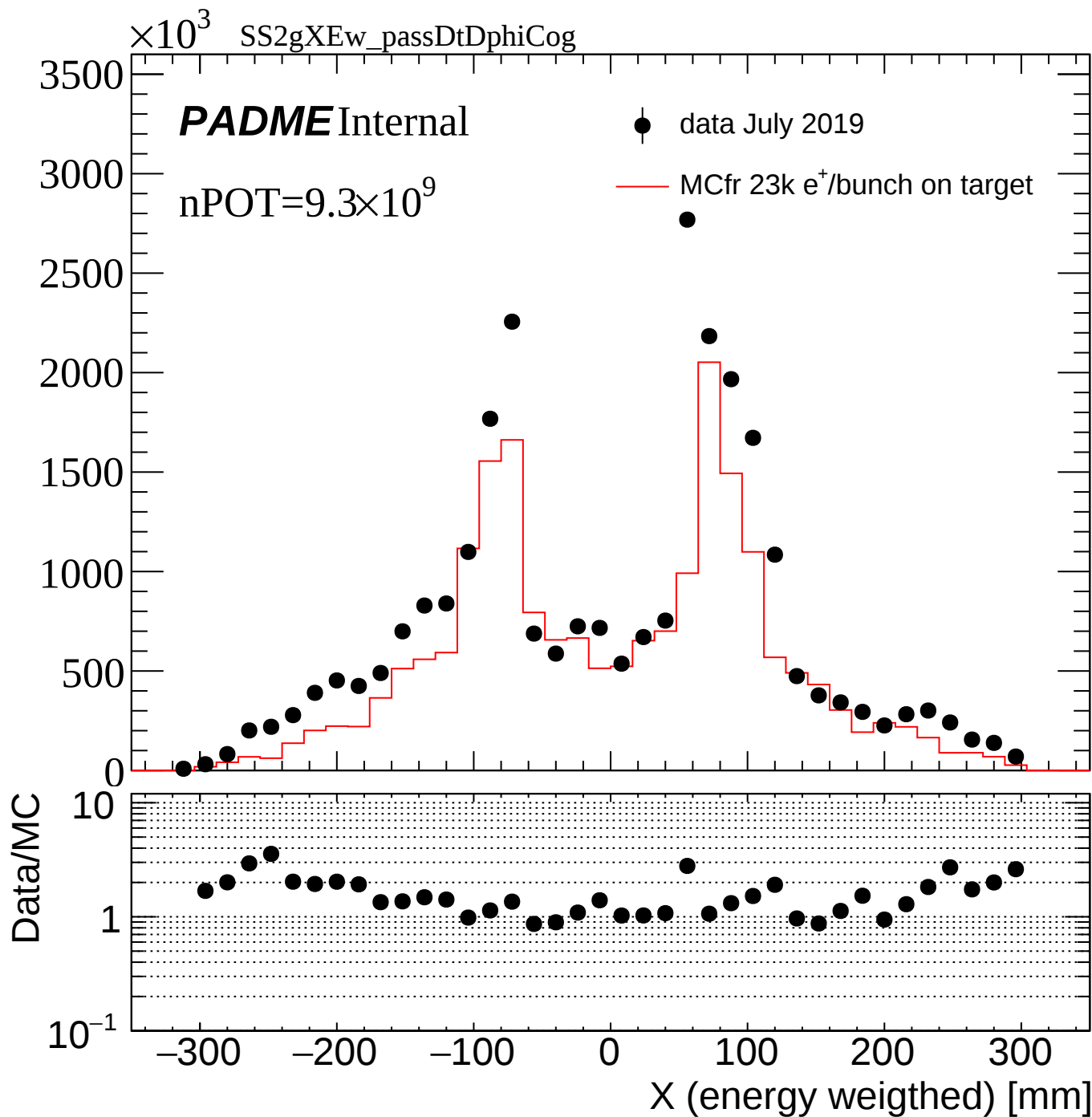


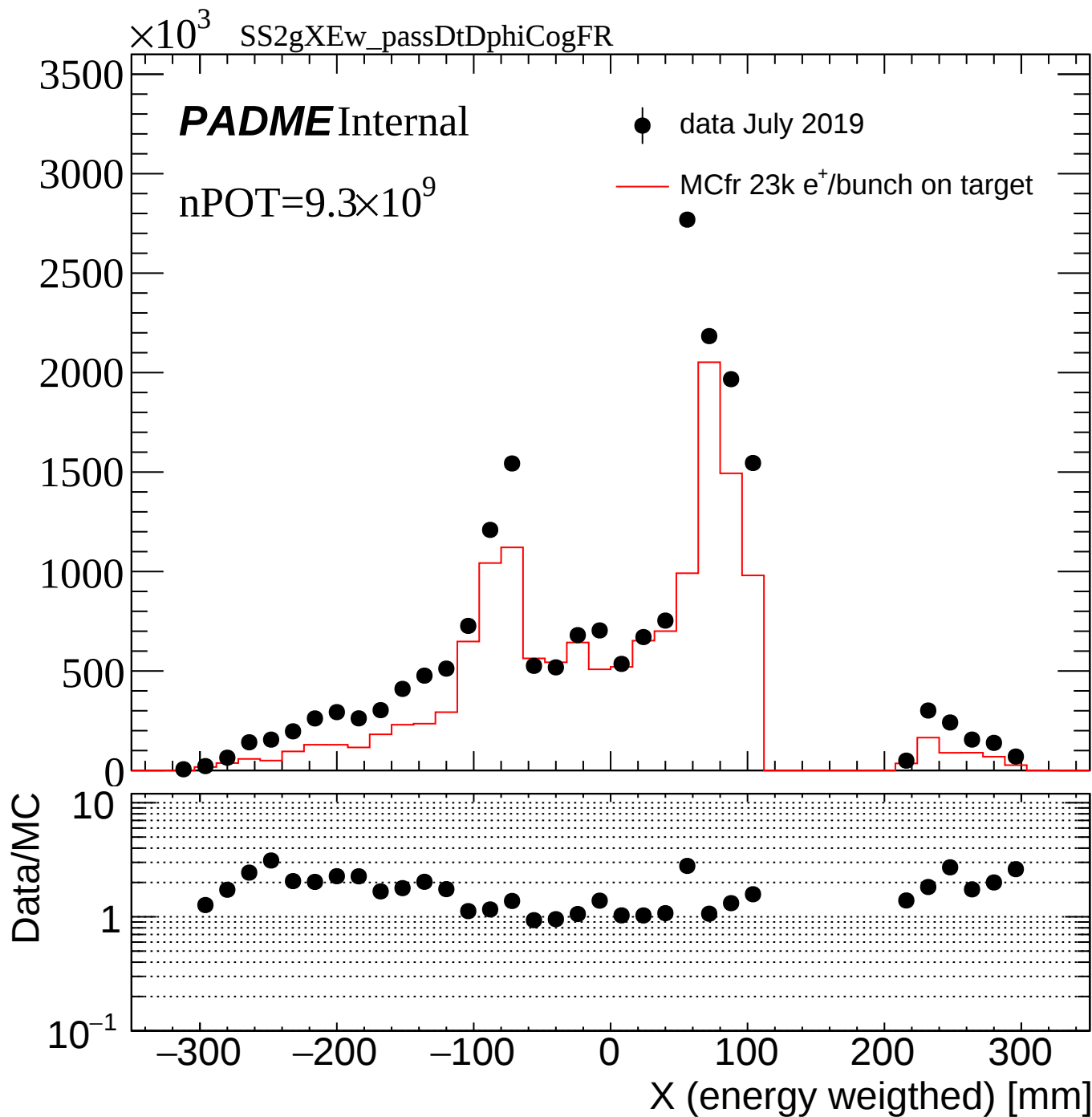


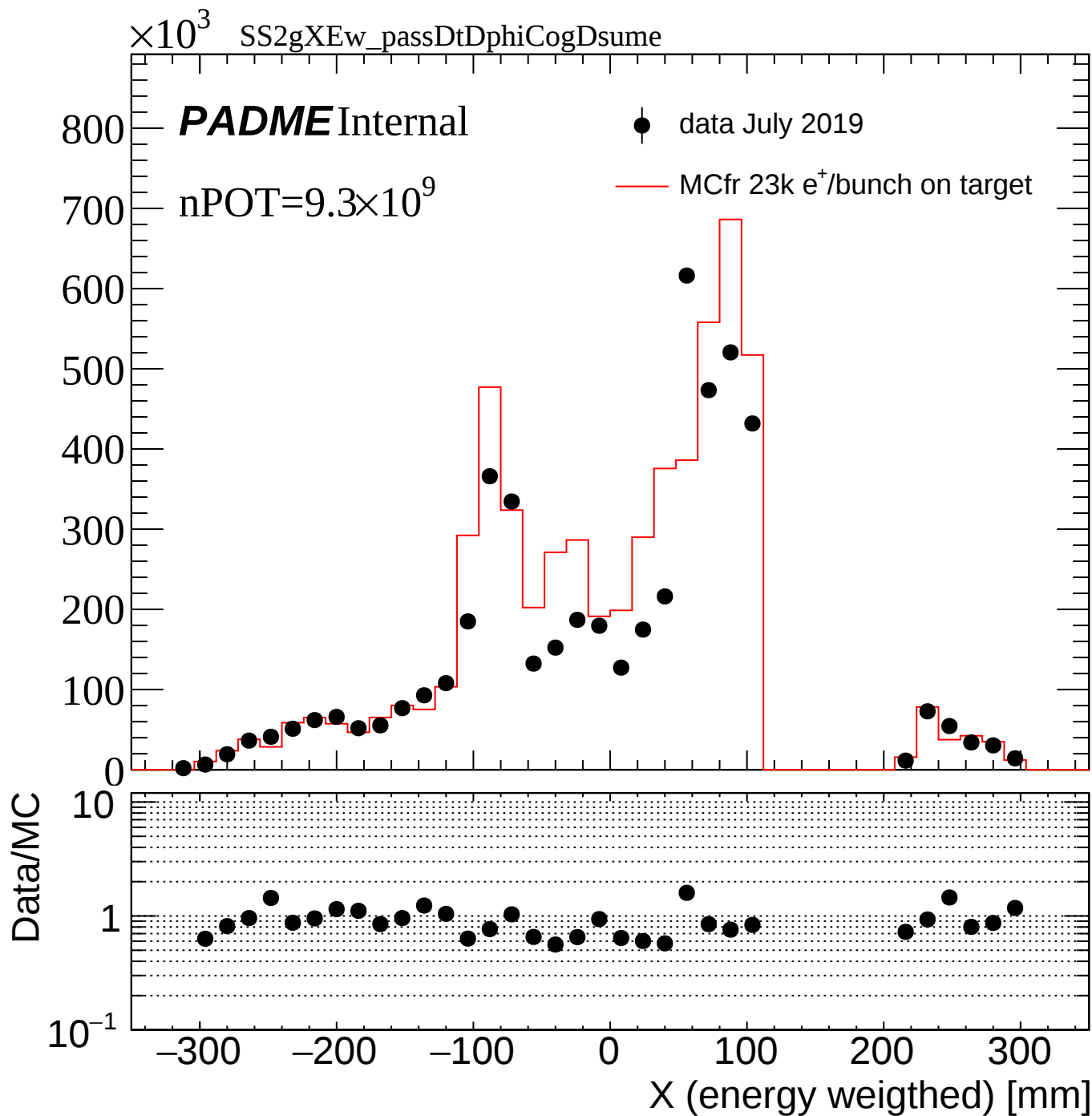


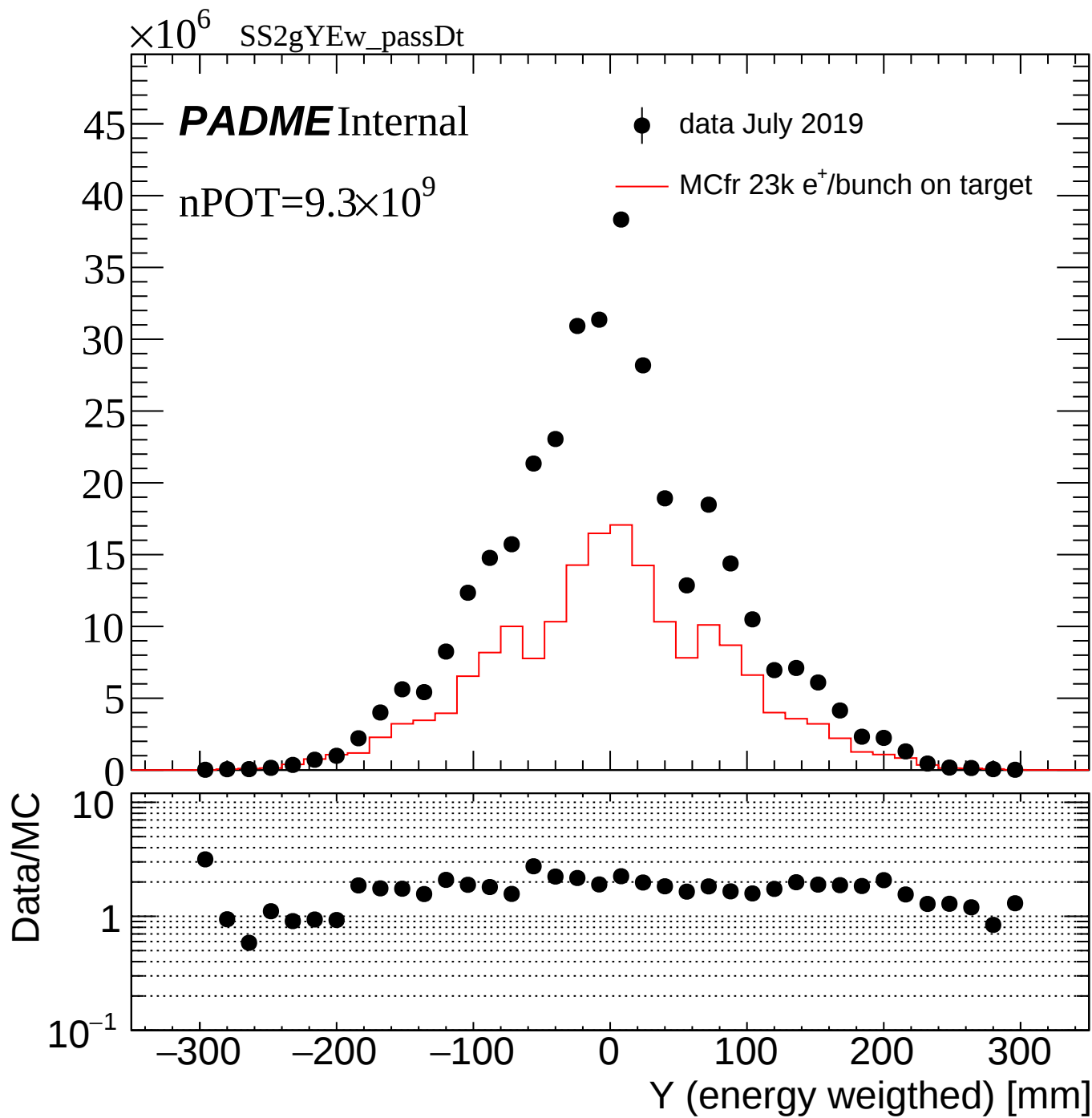


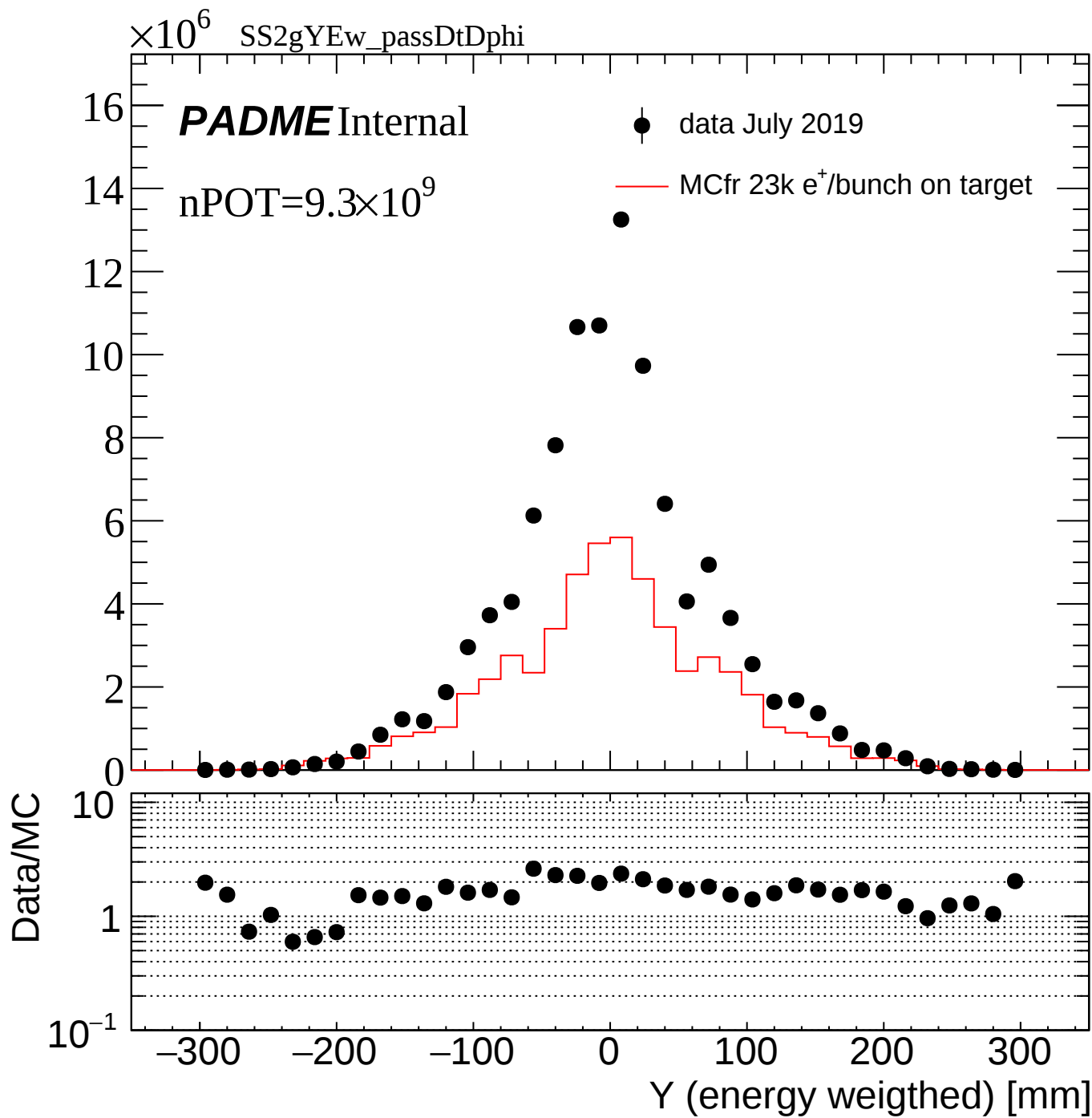


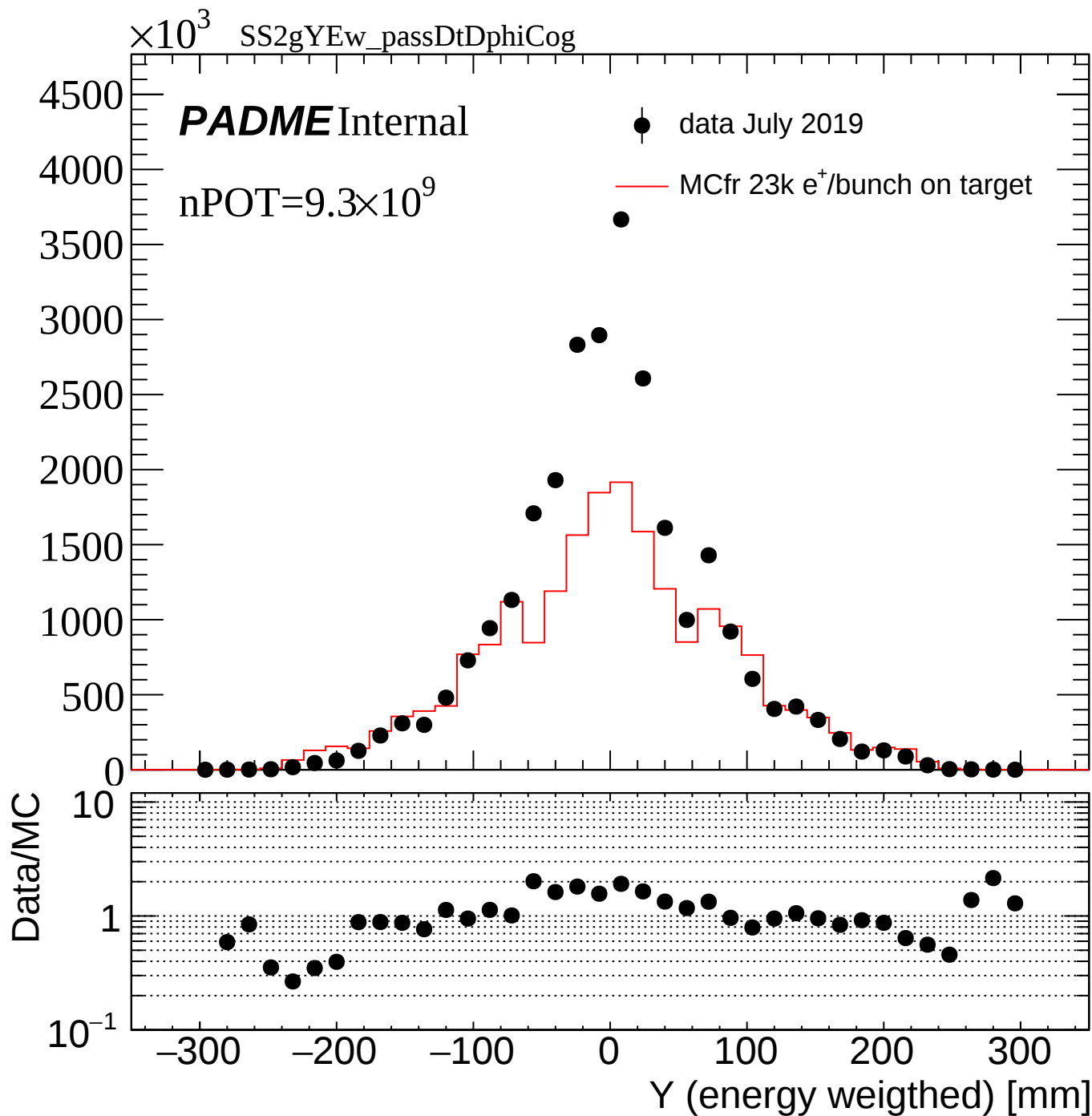


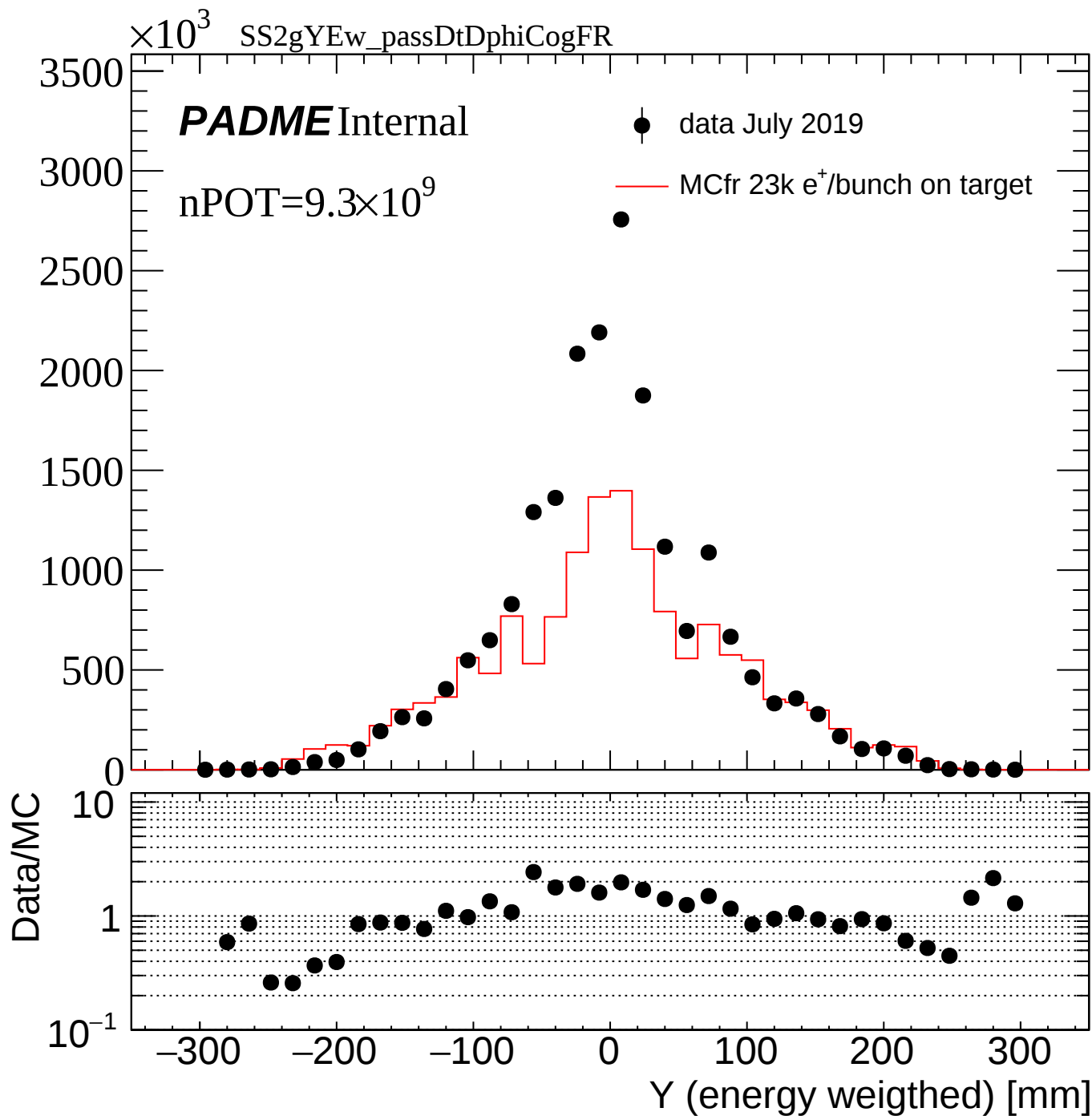


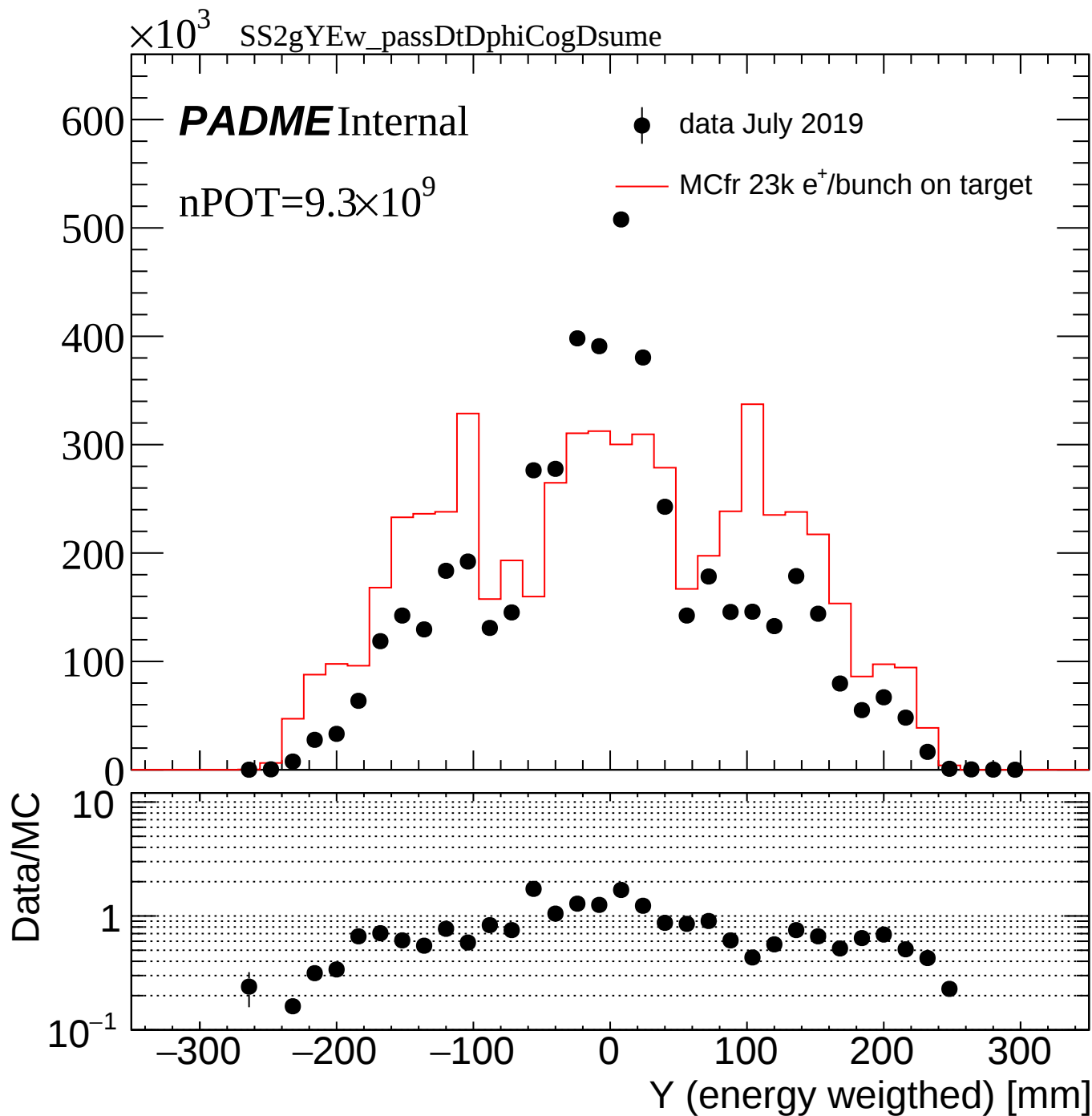




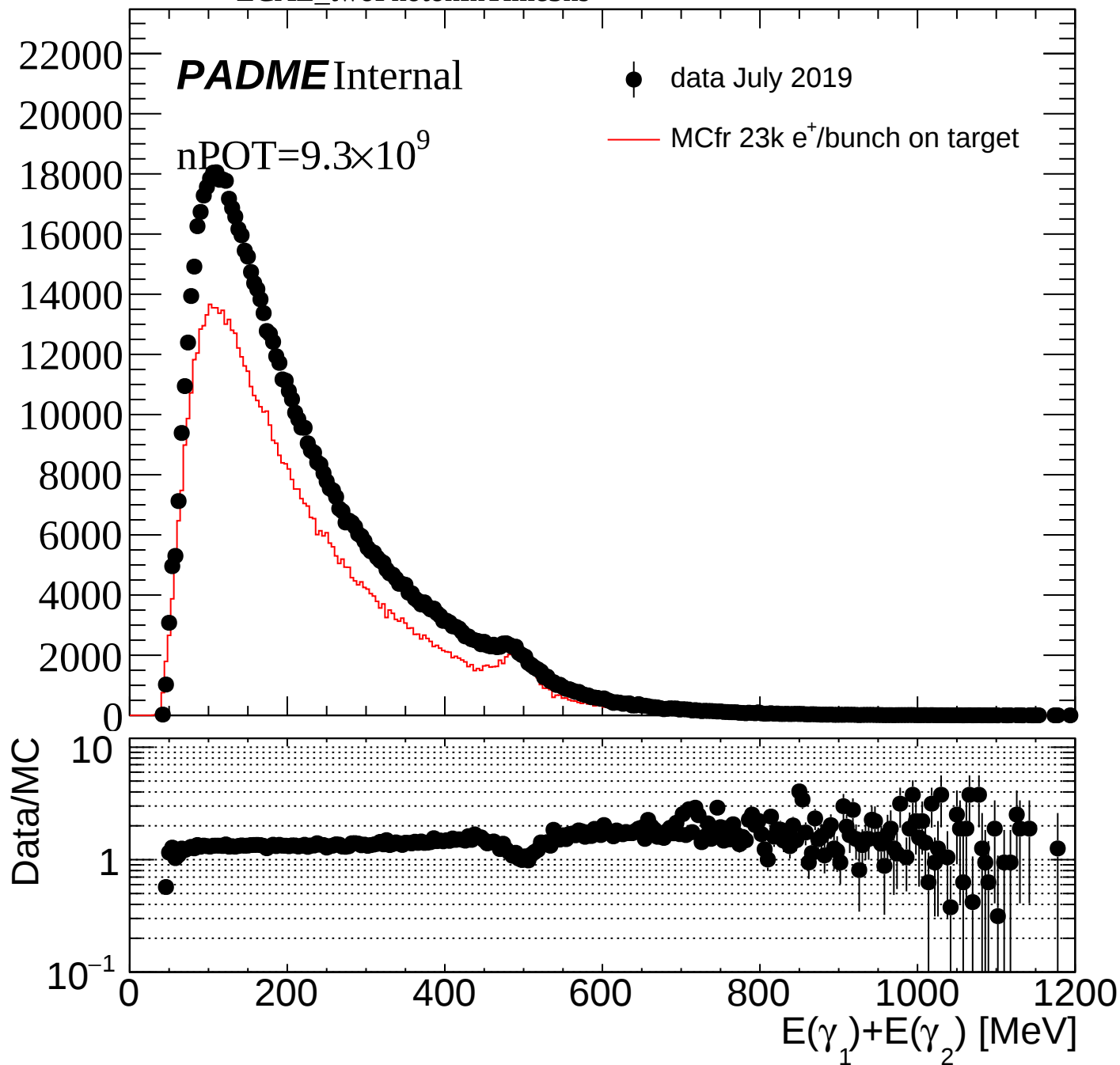


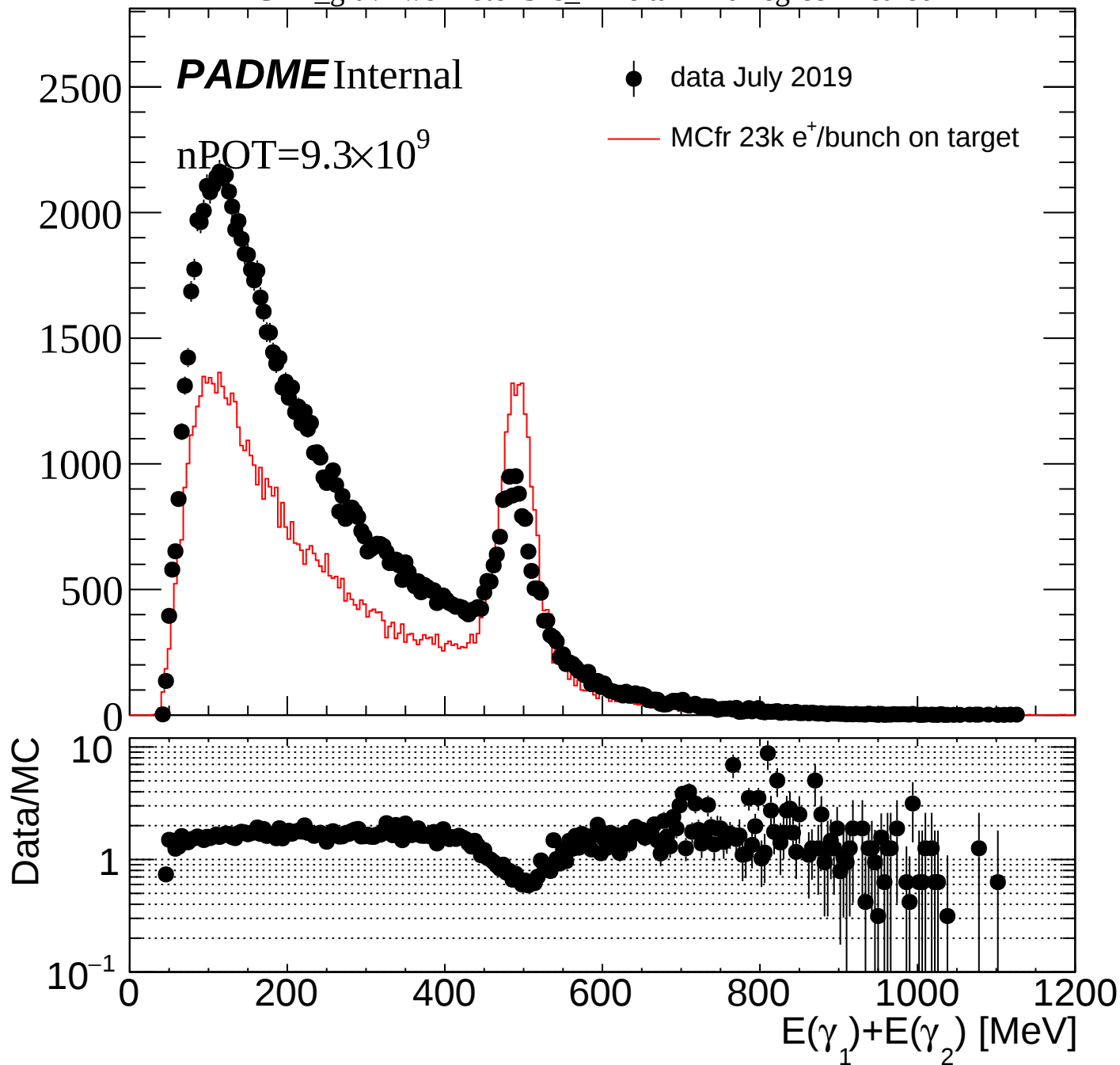


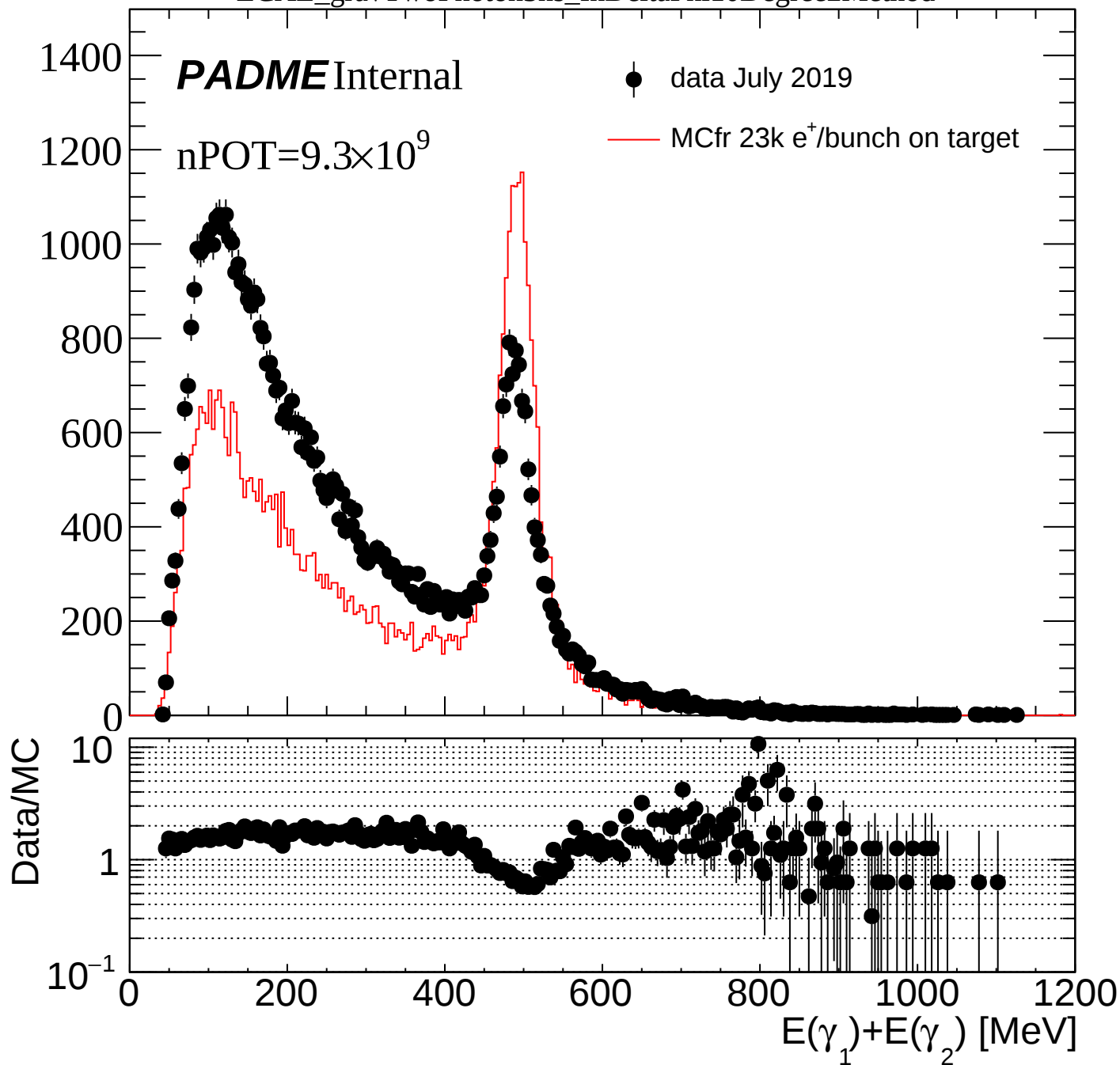


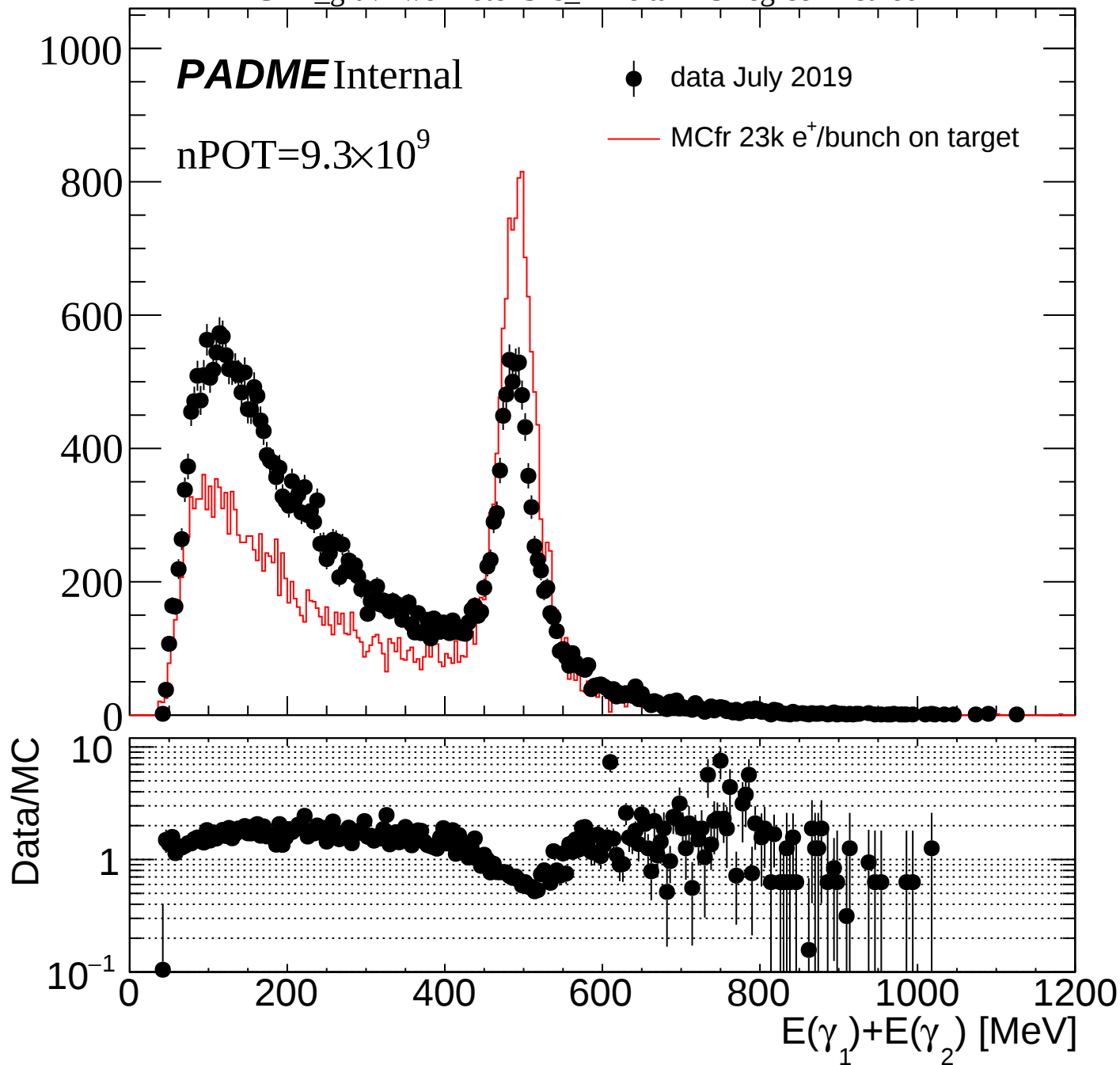


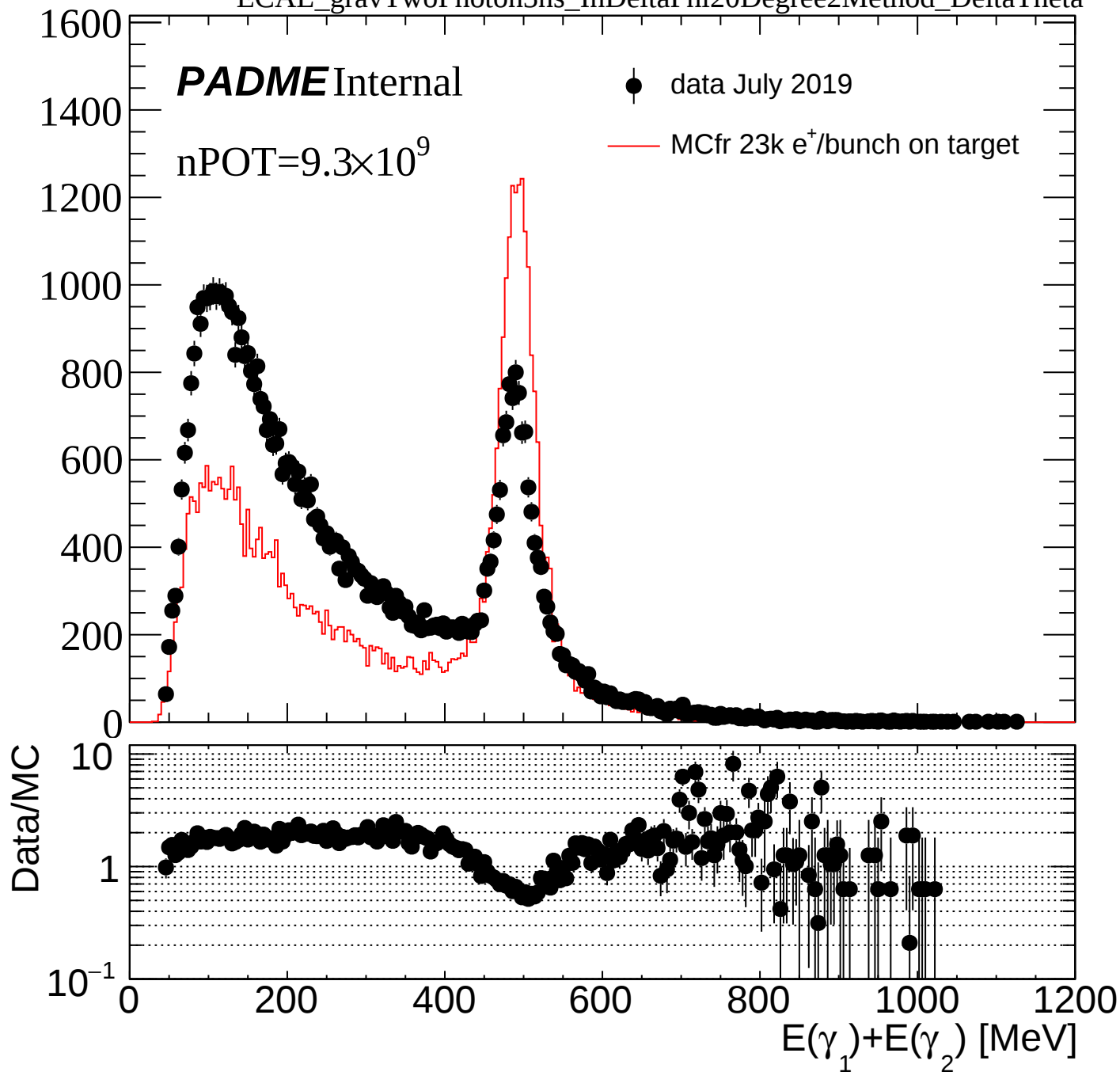
ECAL_twoPhotonInTime3ns

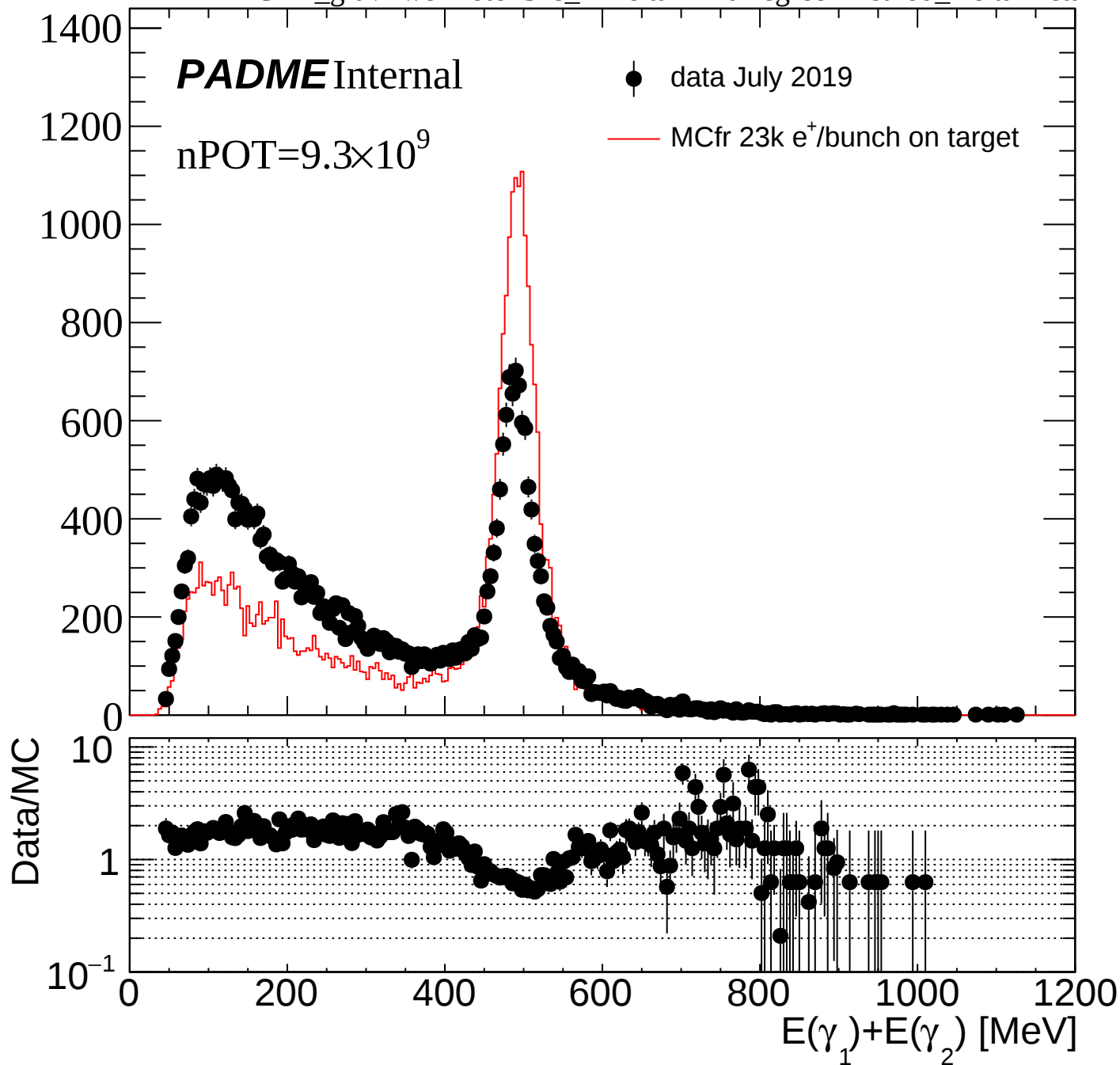


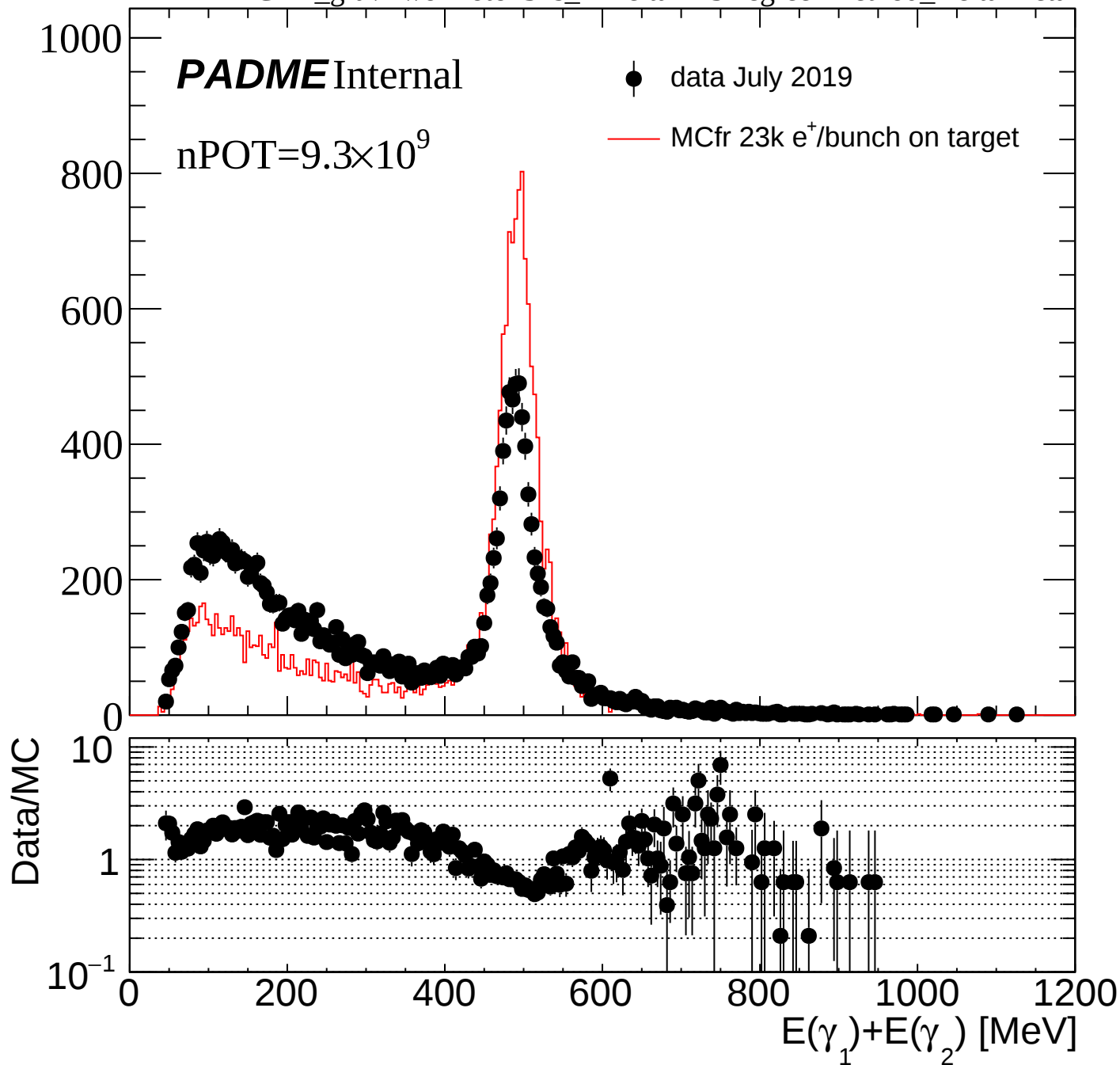


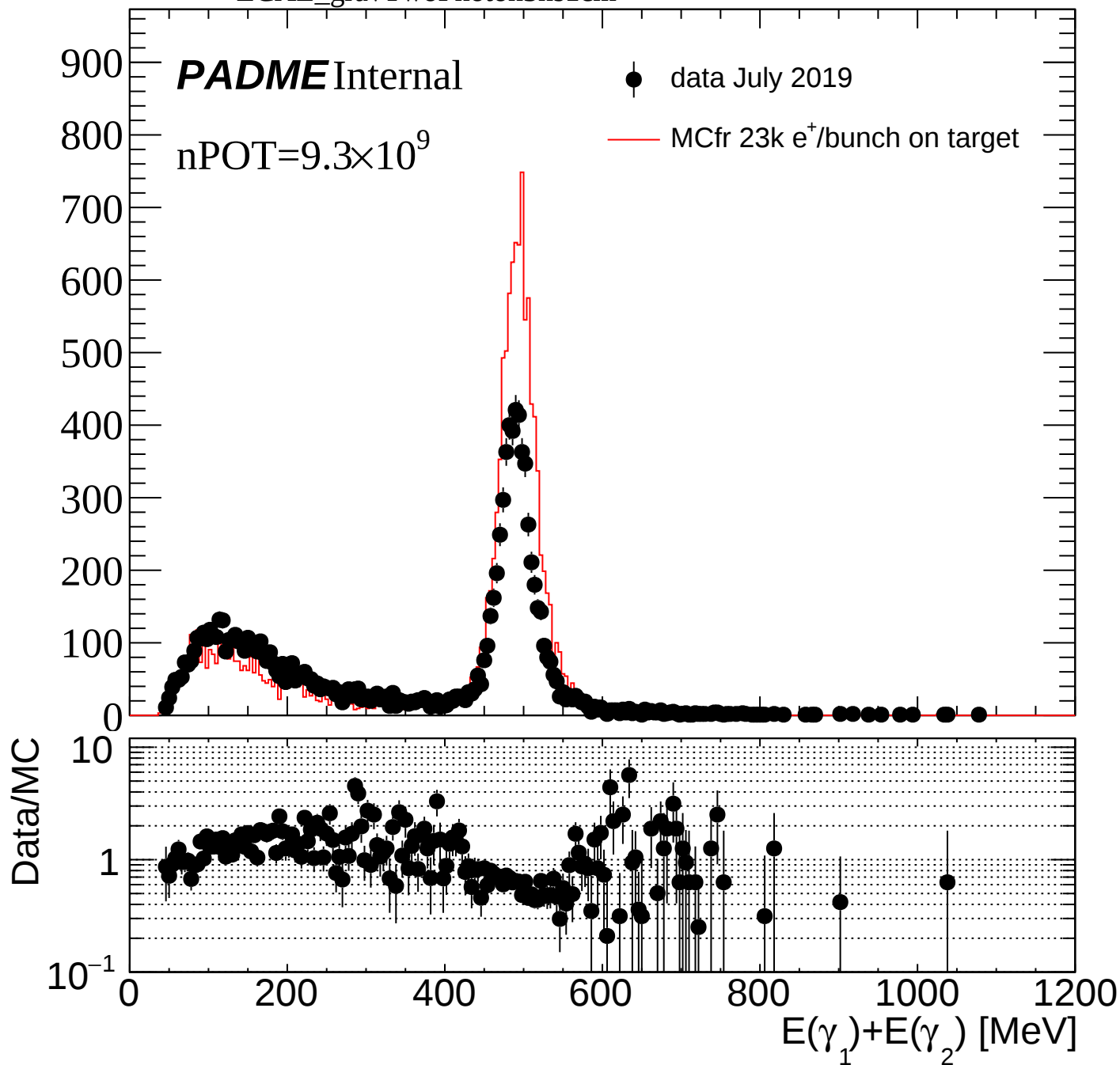


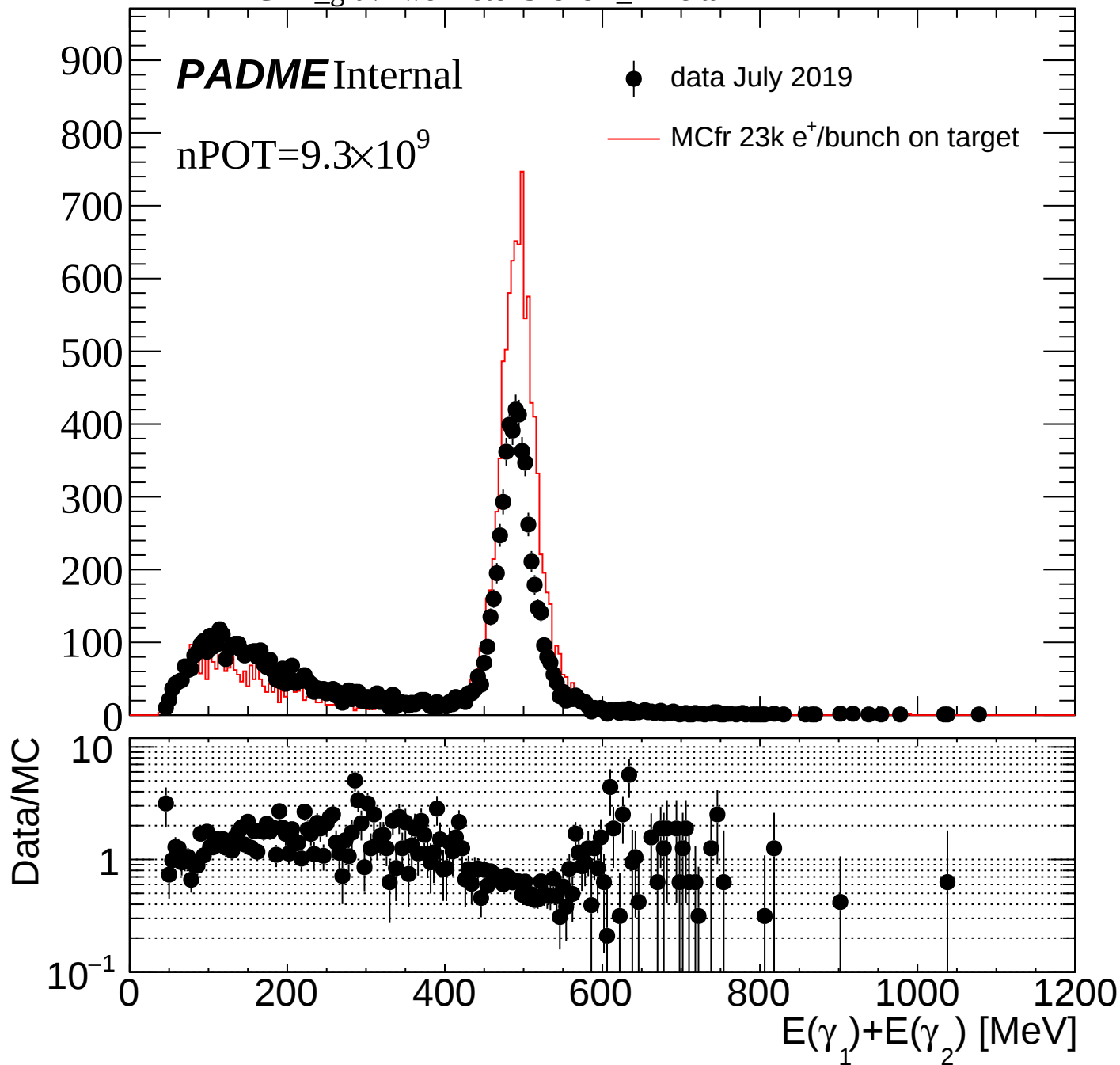


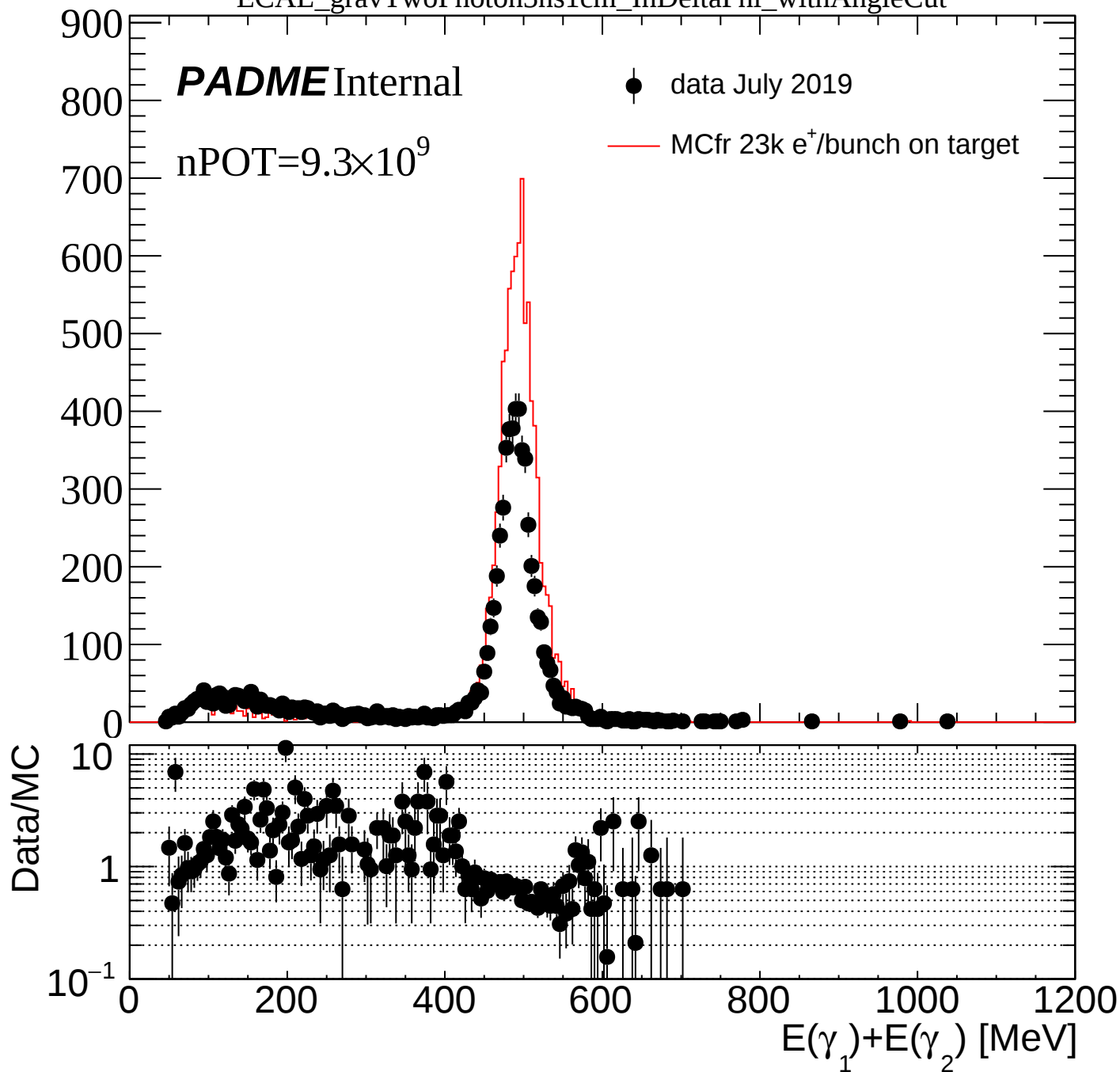


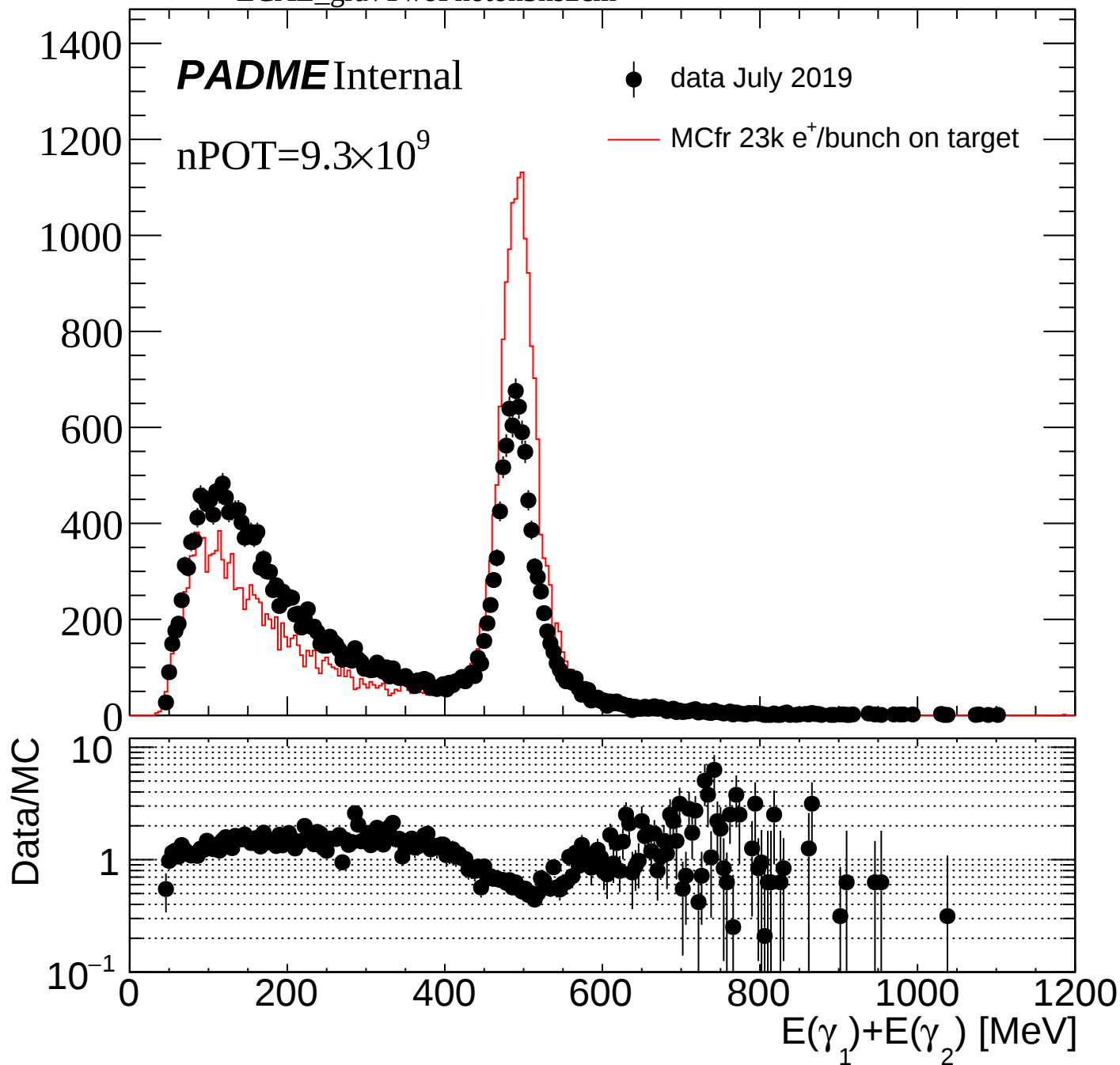




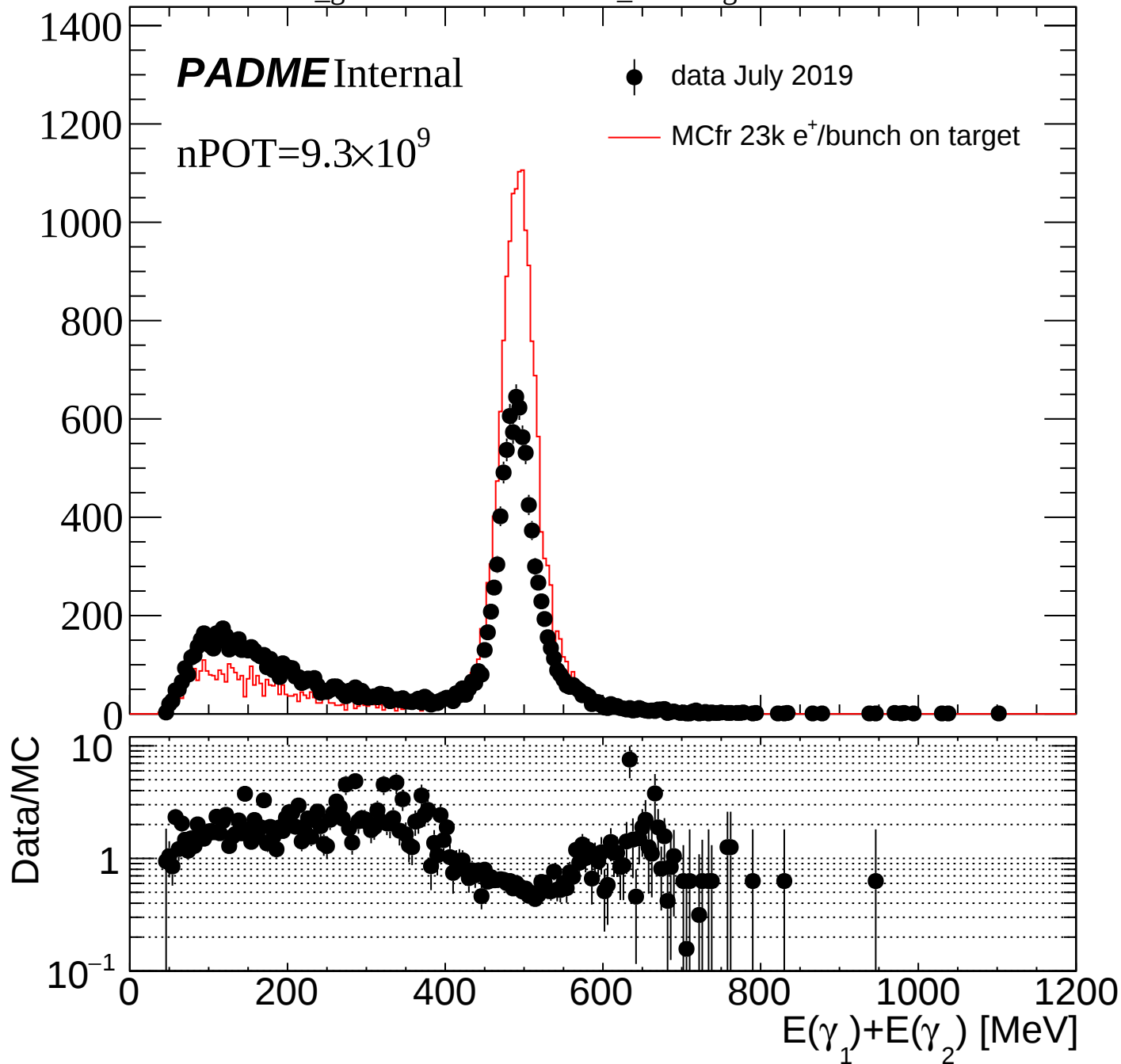


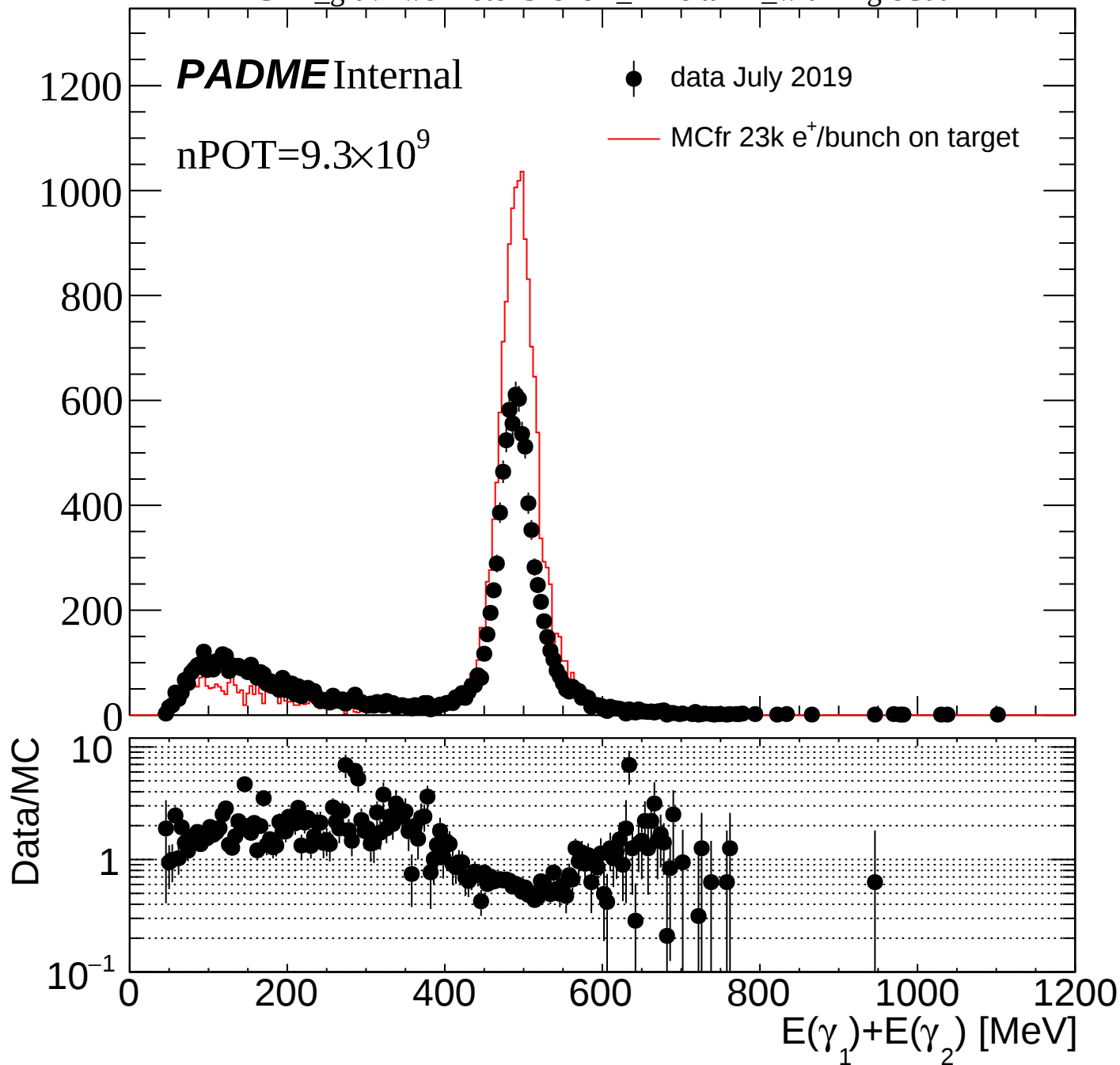






ECAL_gravTwoPhoton3ns2cm_withAngleCut





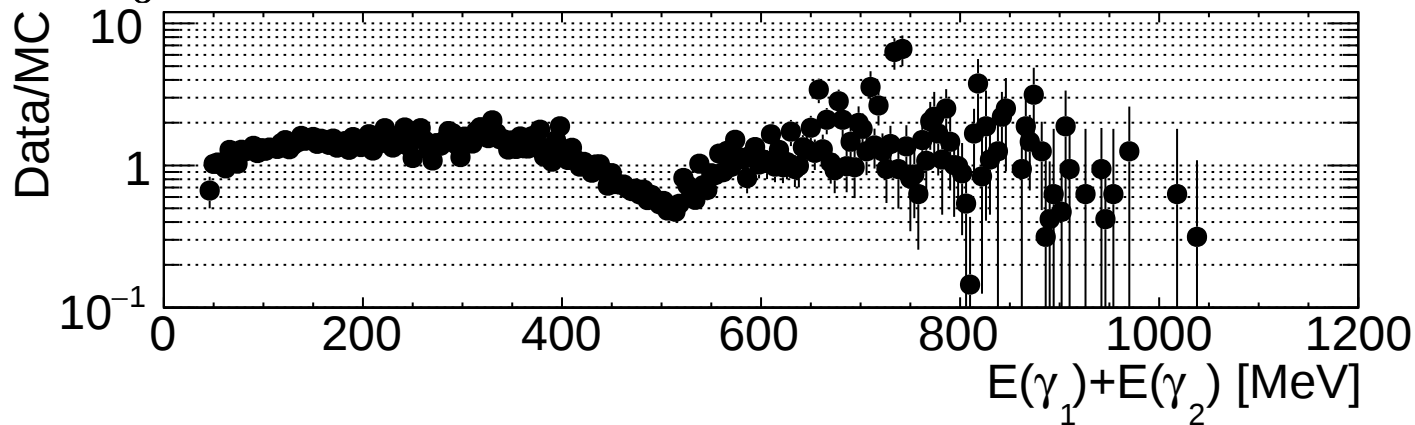
ECAL_gravTwoPhoton3ns3cm

PADME Internal

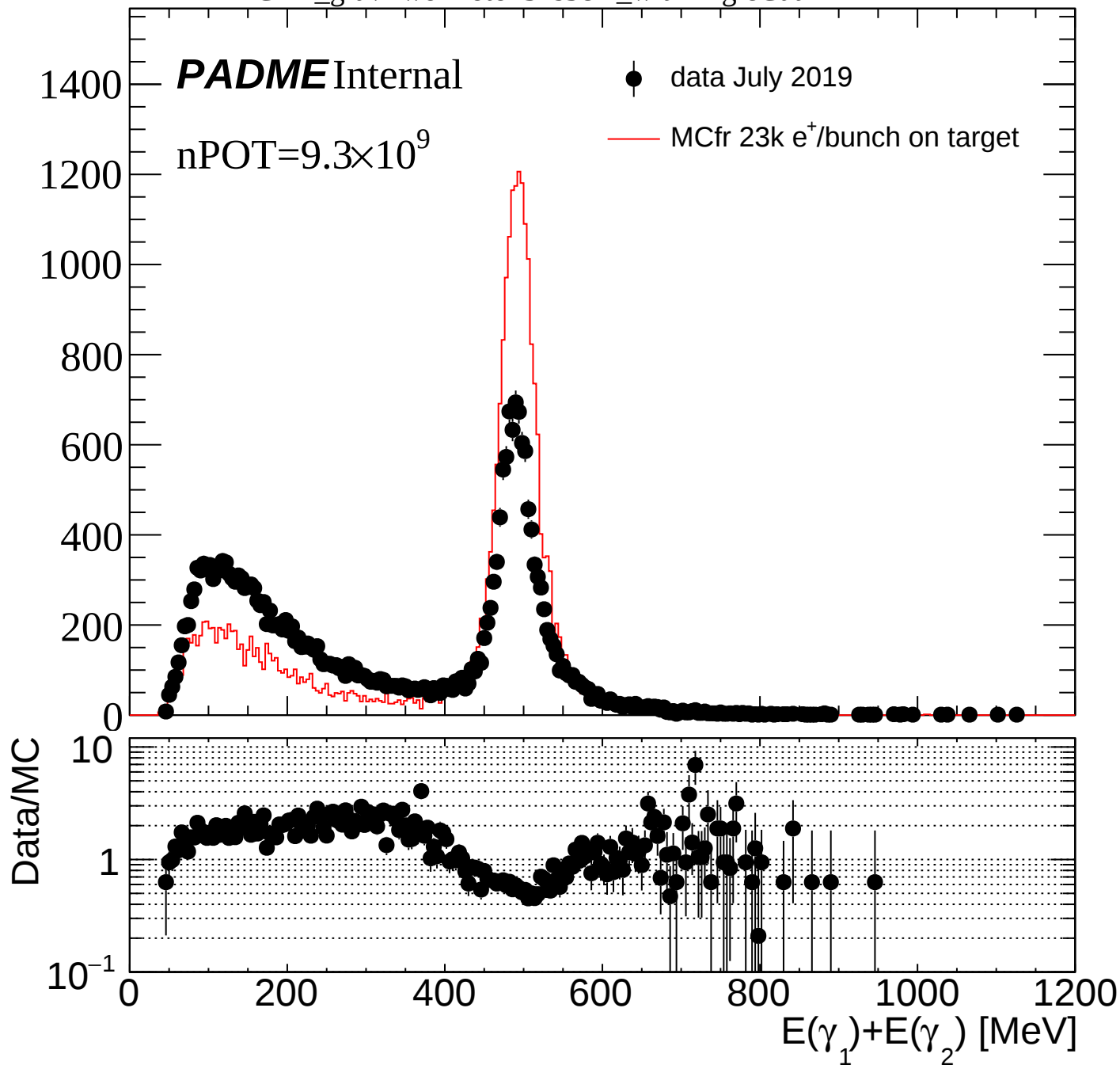
$nPOT=9.3\times 10^9$

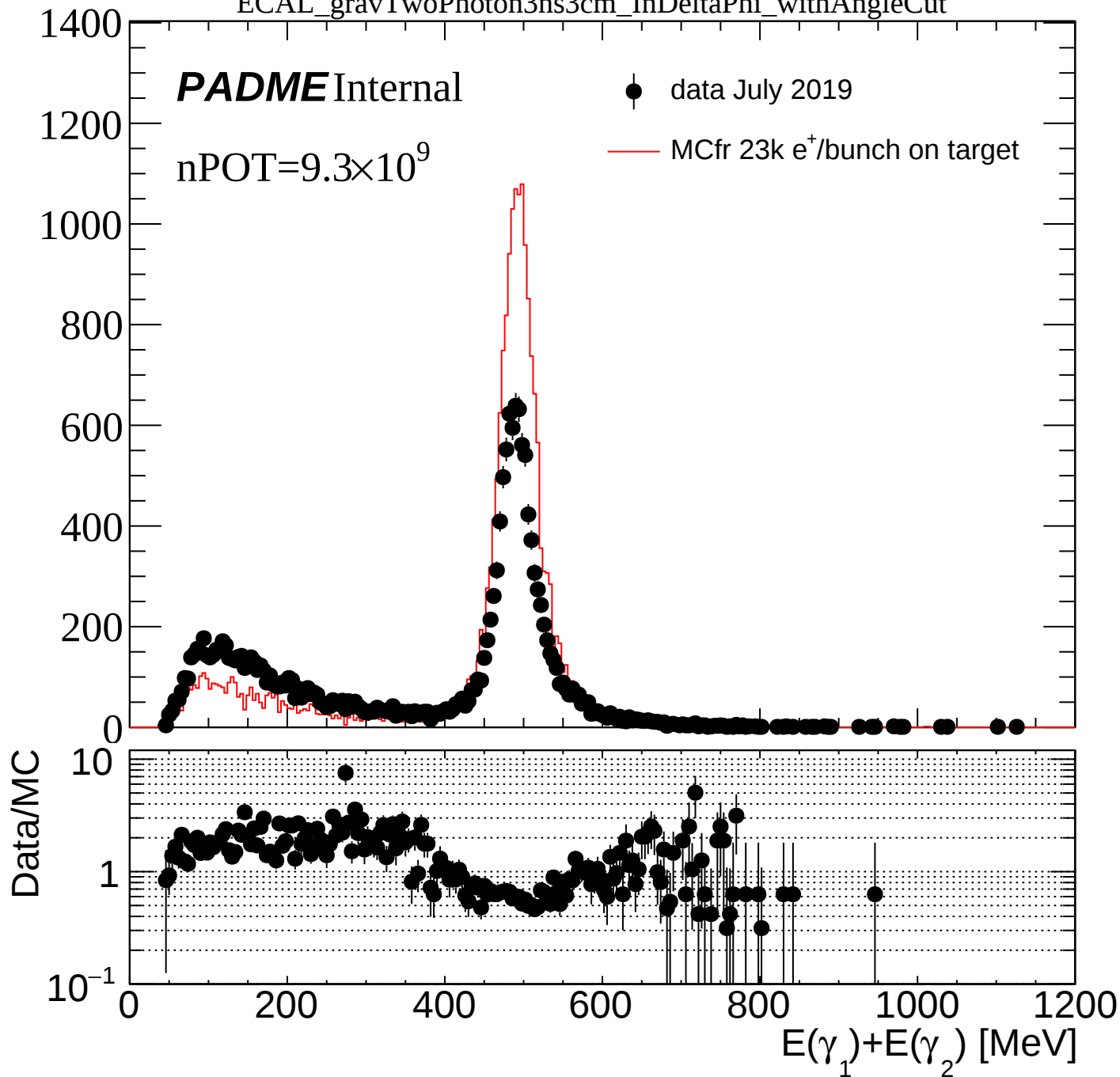
● data July 2019

— MCfr 23k e⁺/bunch on target



ECAL_gravTwoPhoton3ns3cm_withAngleCut





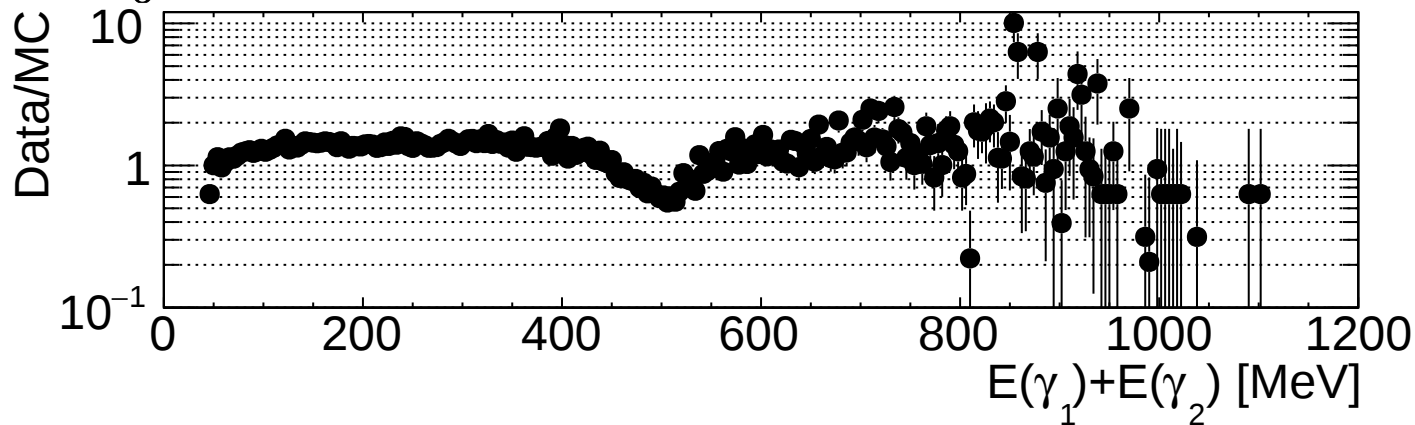
ECAL_gravTwoPhoton3ns5cm

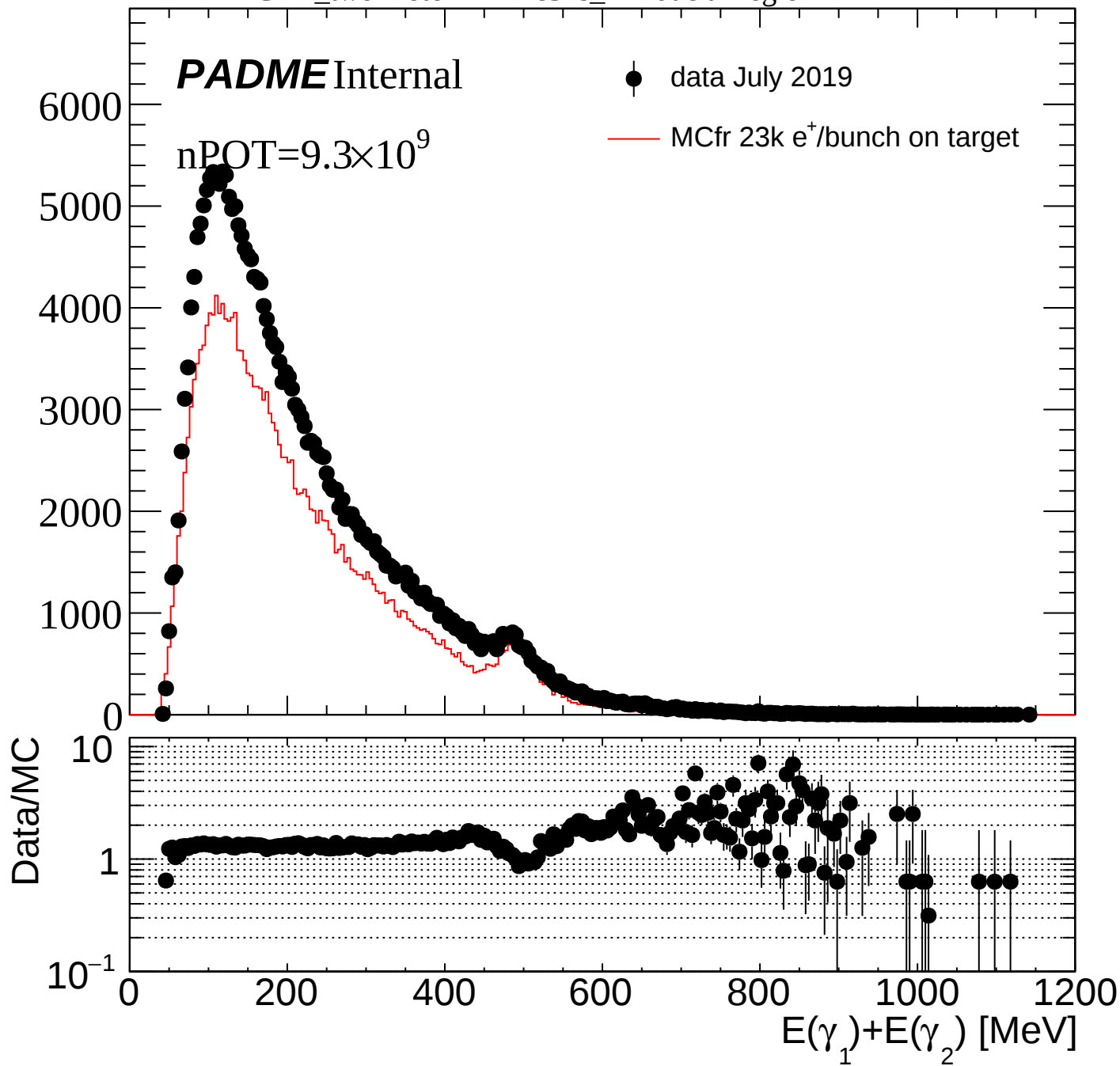
PADME Internal

nPOT= 9.3×10^9

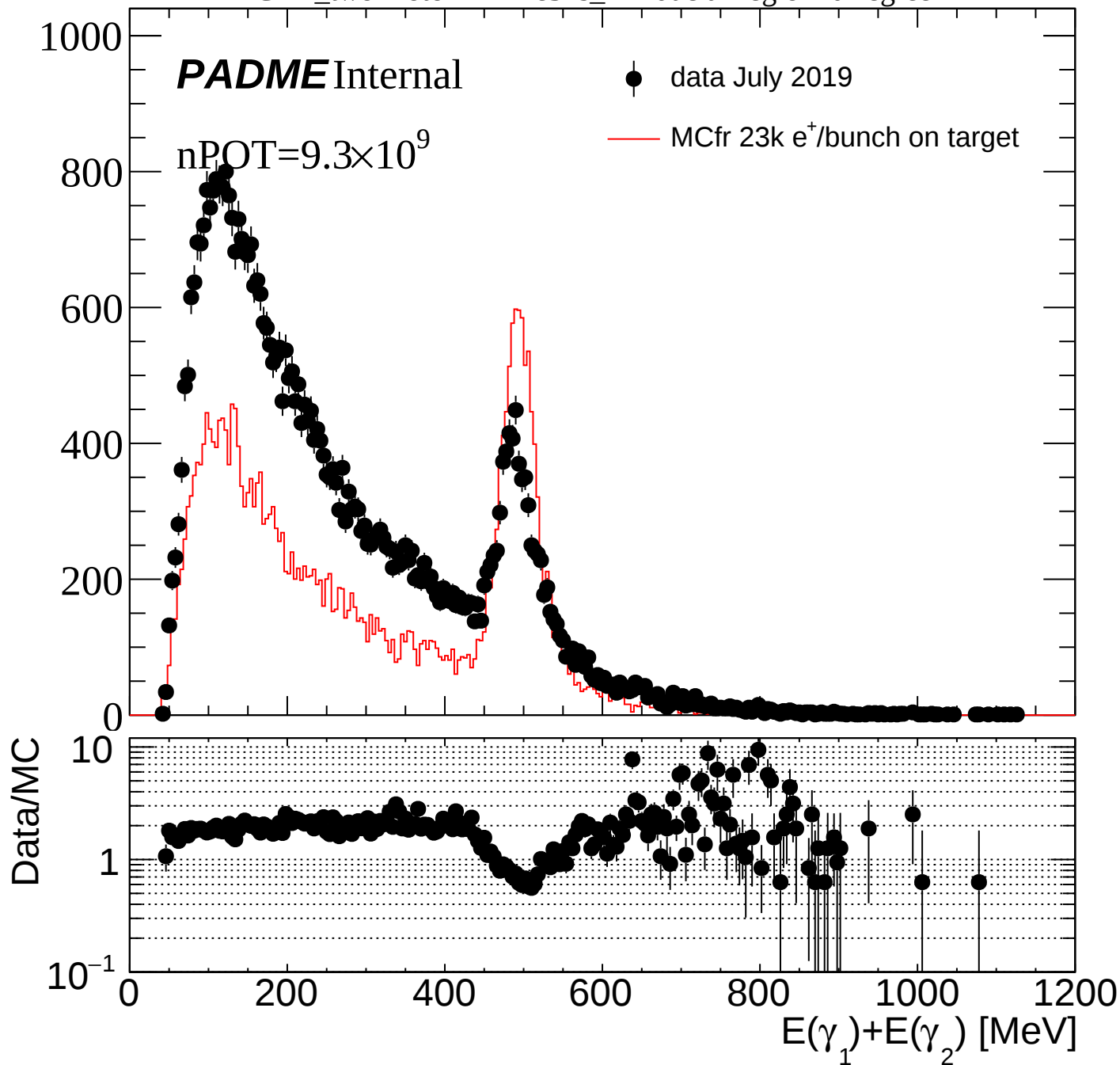
● data July 2019

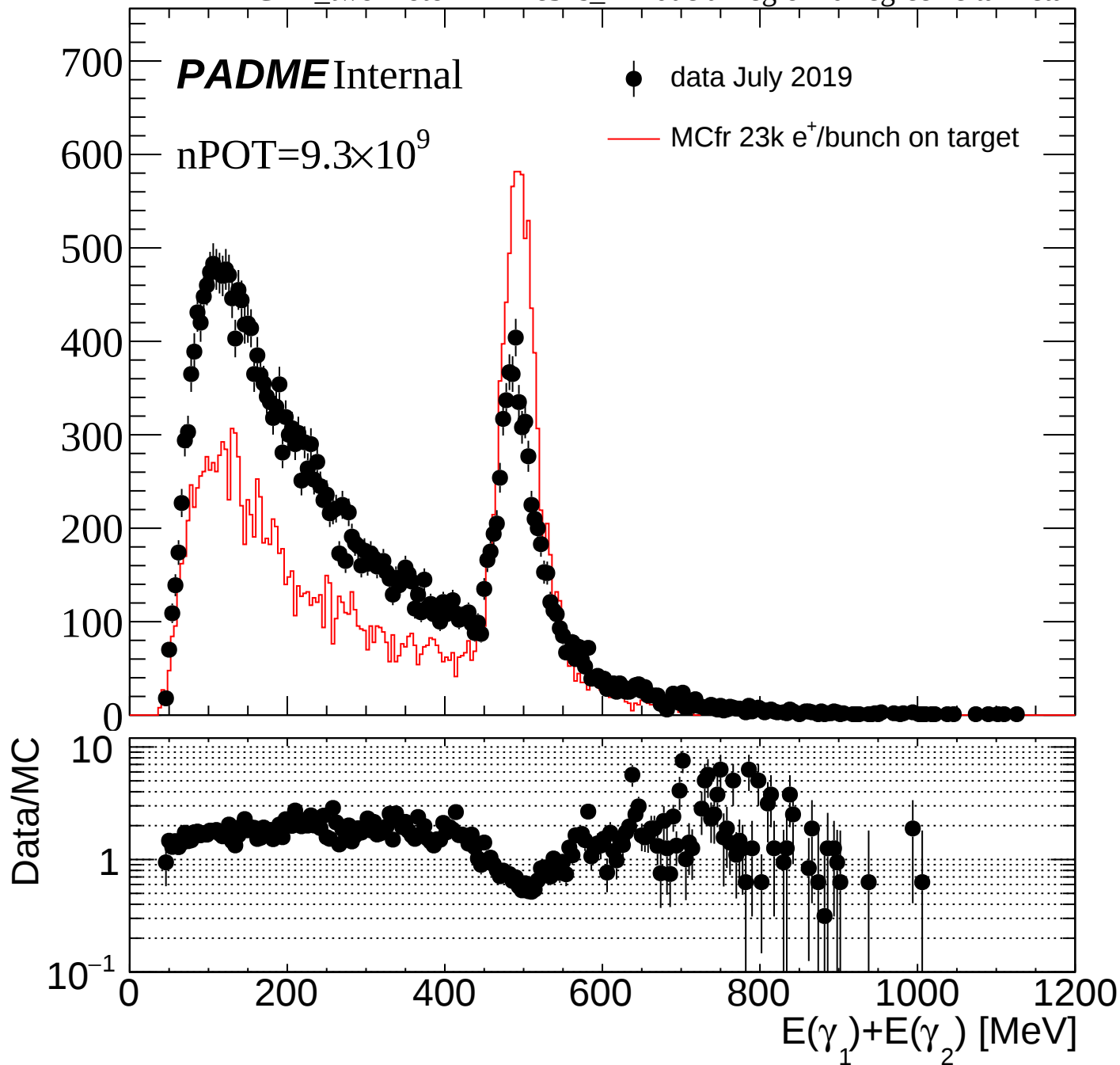
— MCfr 23k e⁺/bunch on target

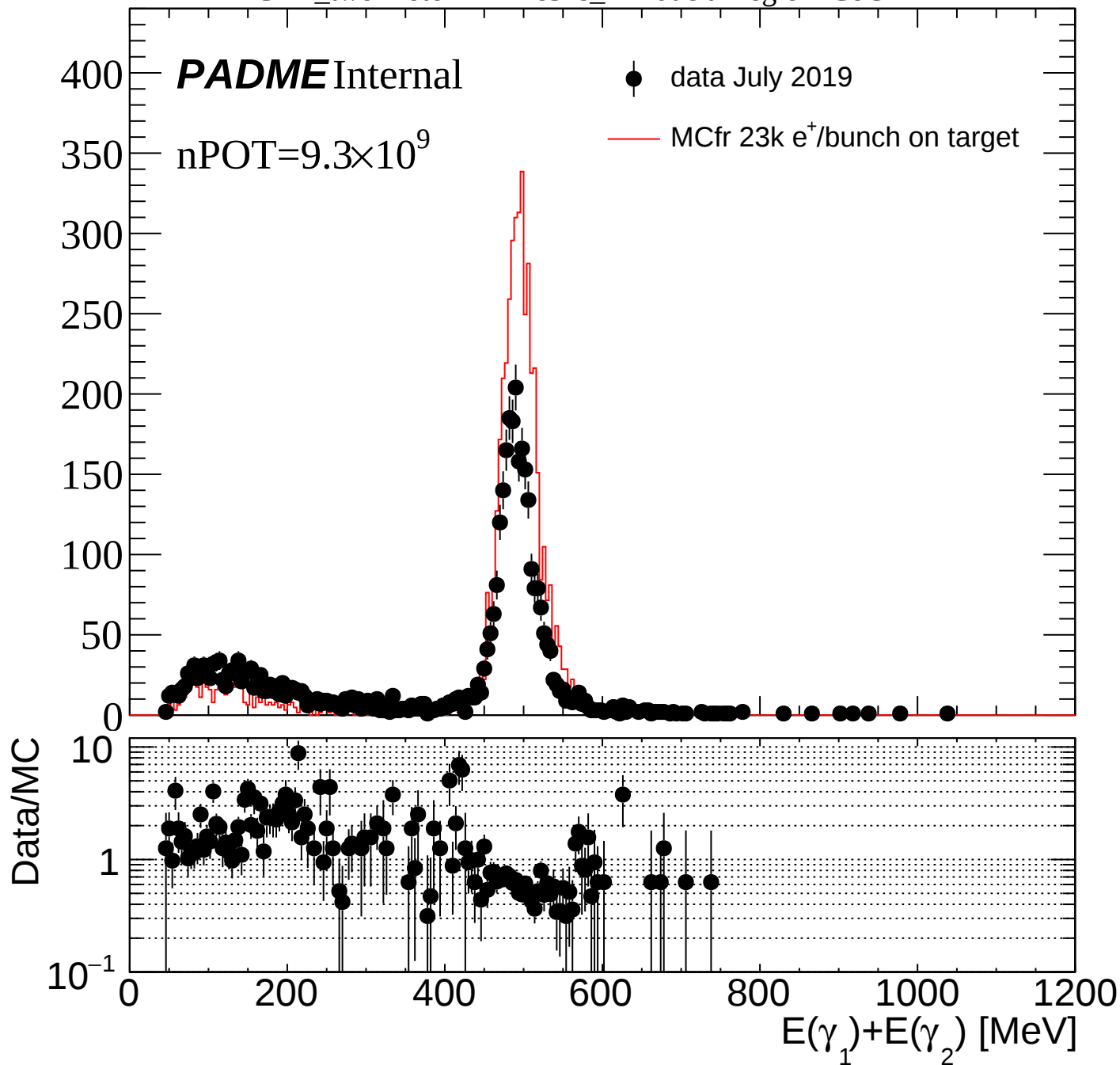




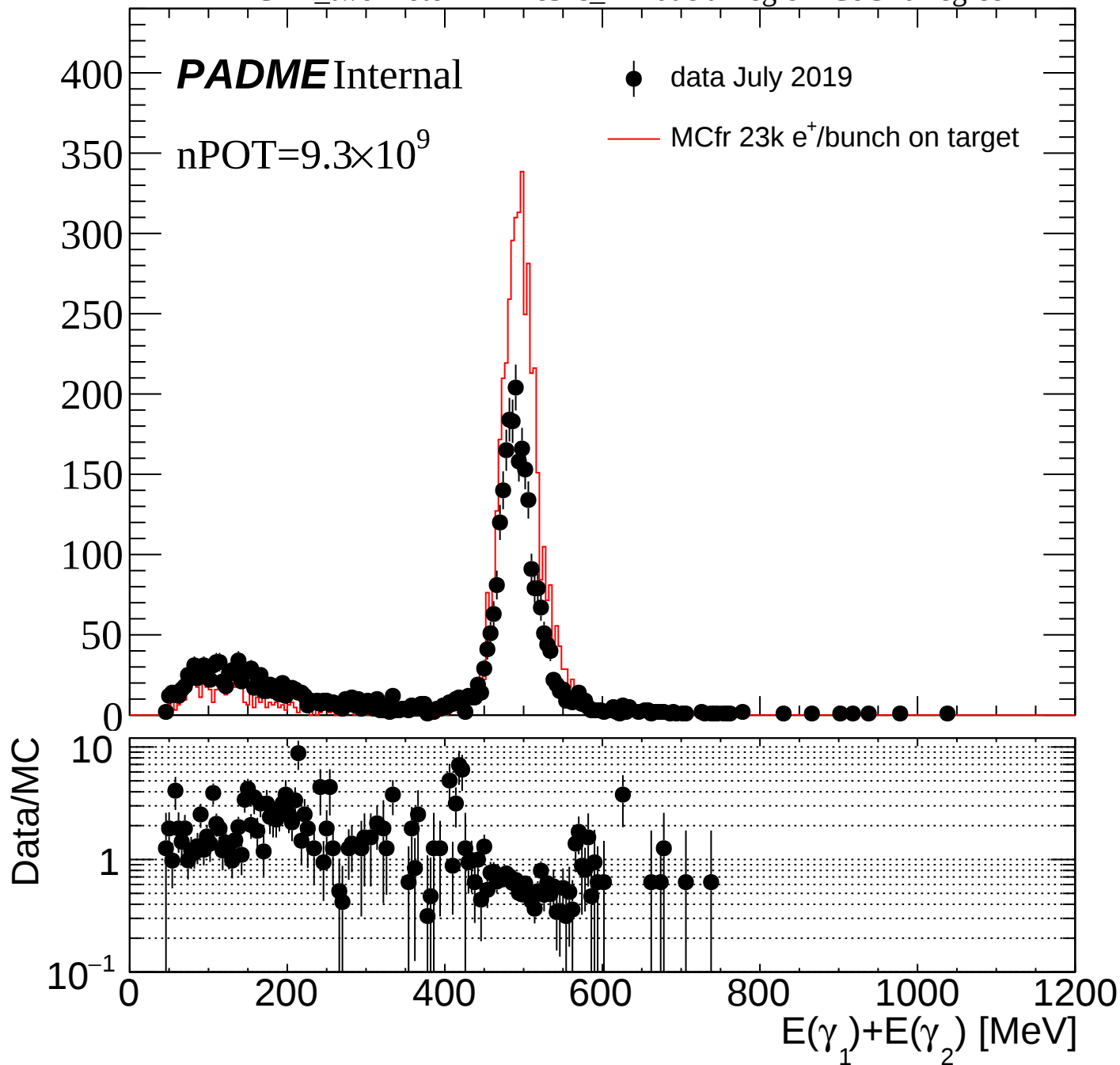
ECAL_twoPhotonInTime3ns_InFiducialRegion20Degree

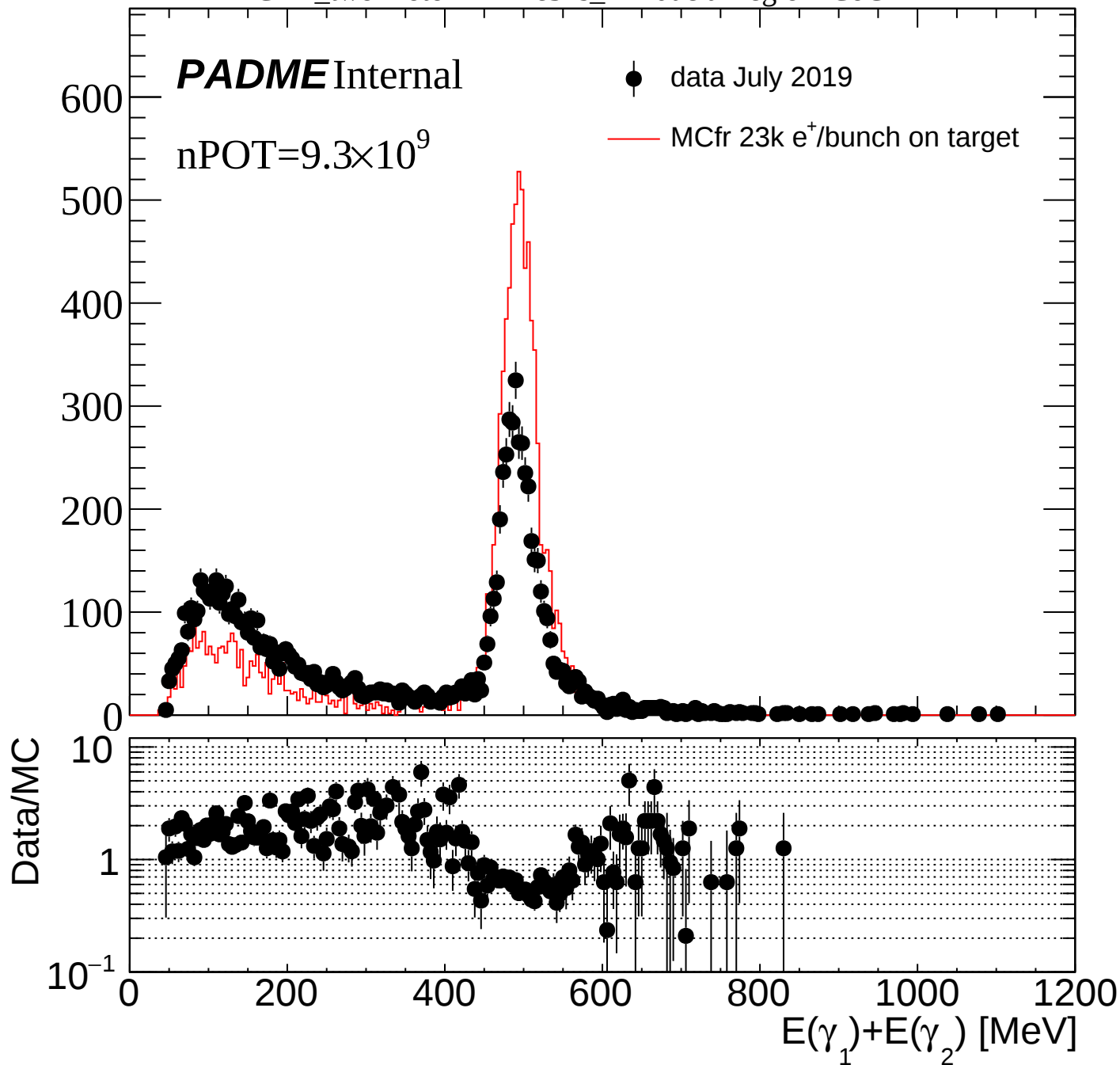


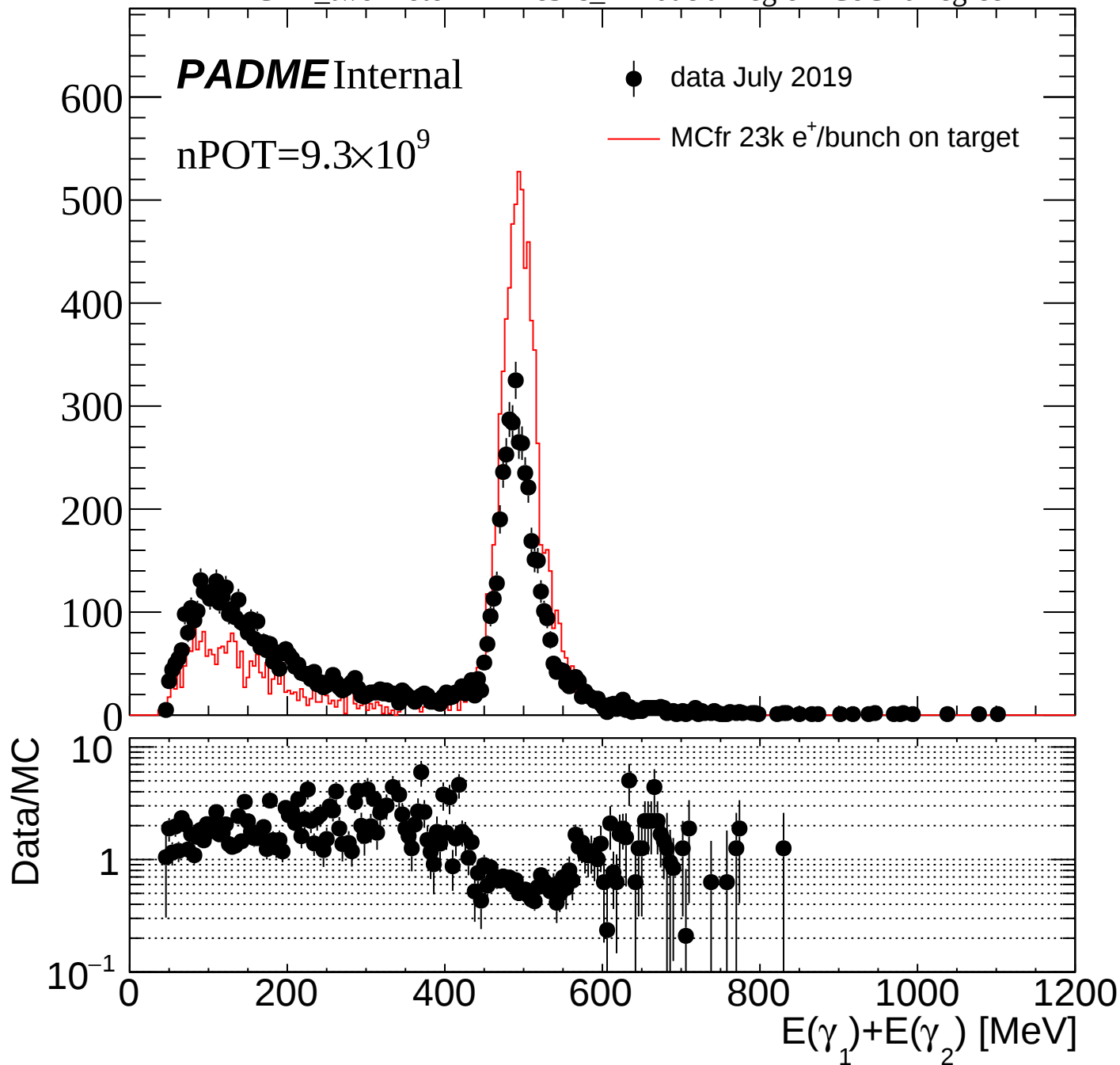


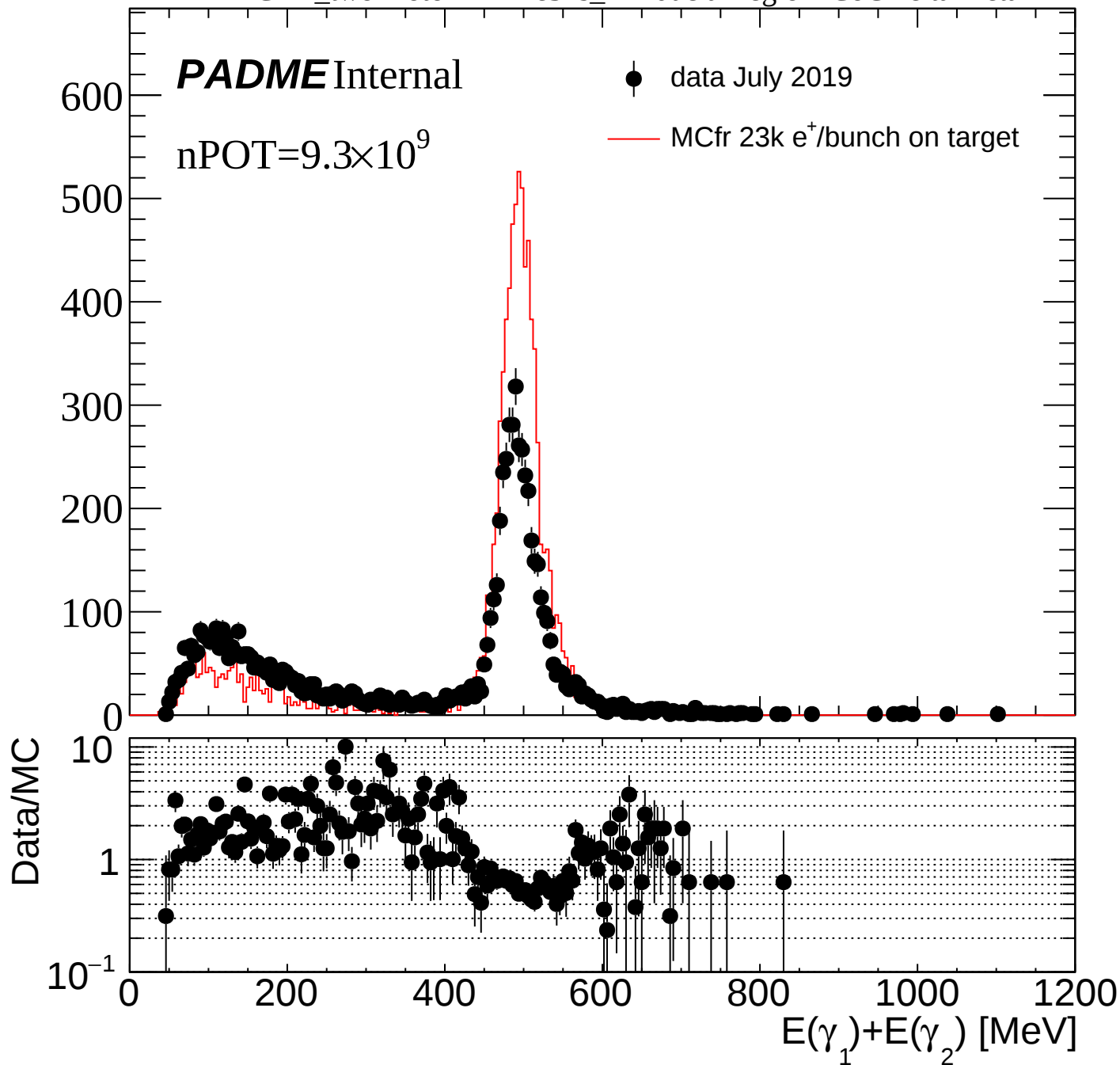


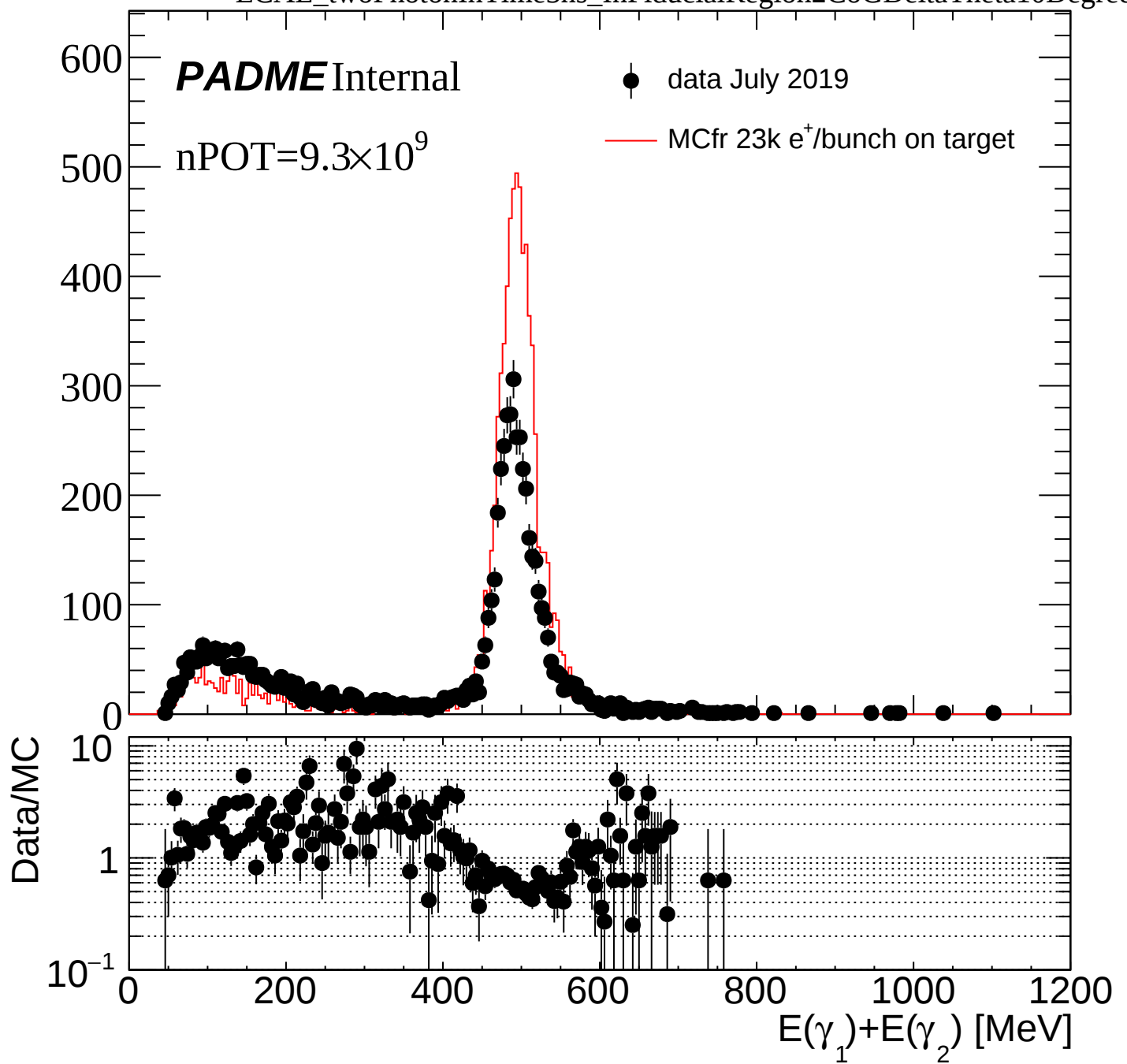
ECAL_twoPhotonInTime3ns_InFiducialRegion1CoG10Degree



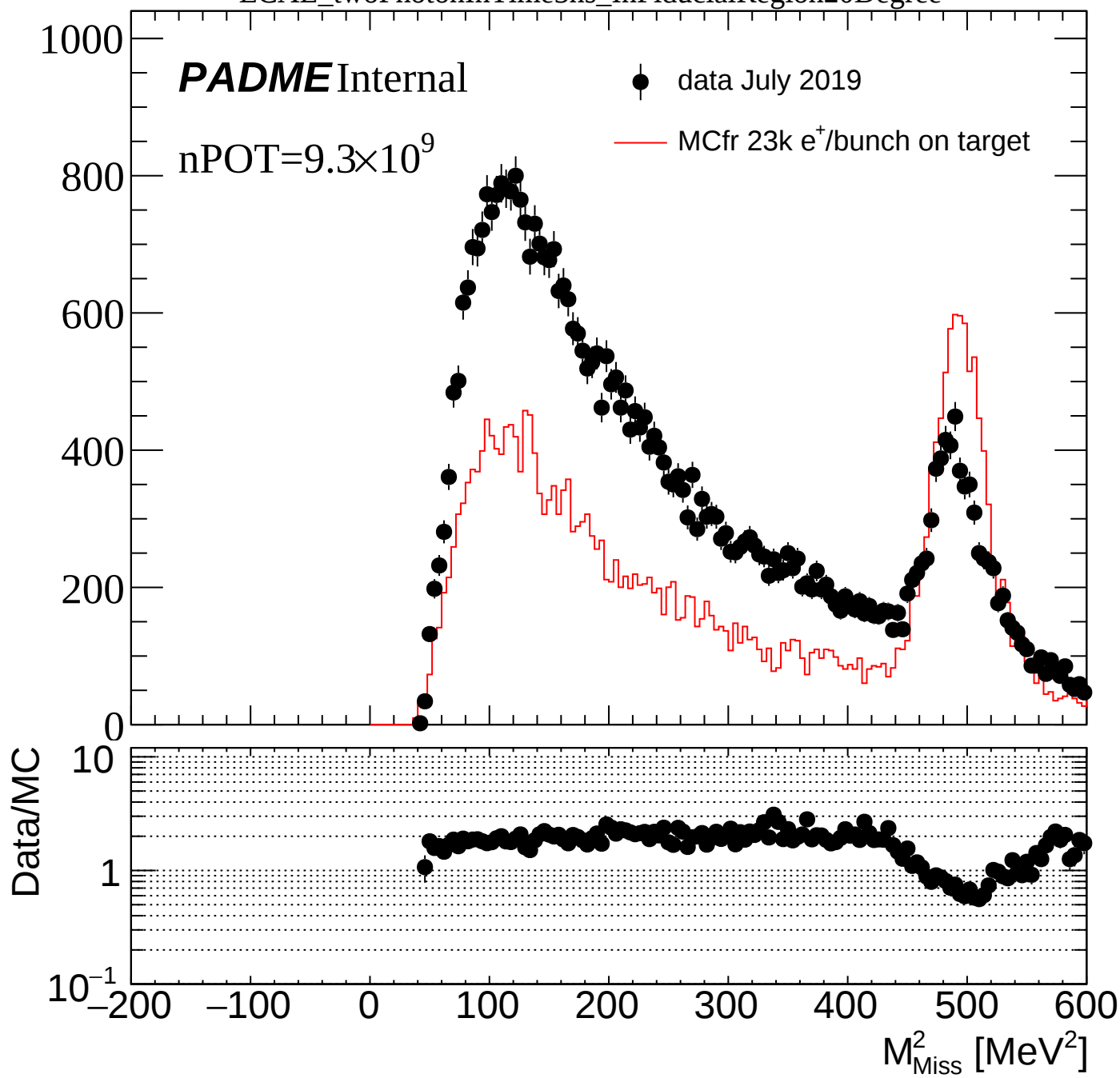


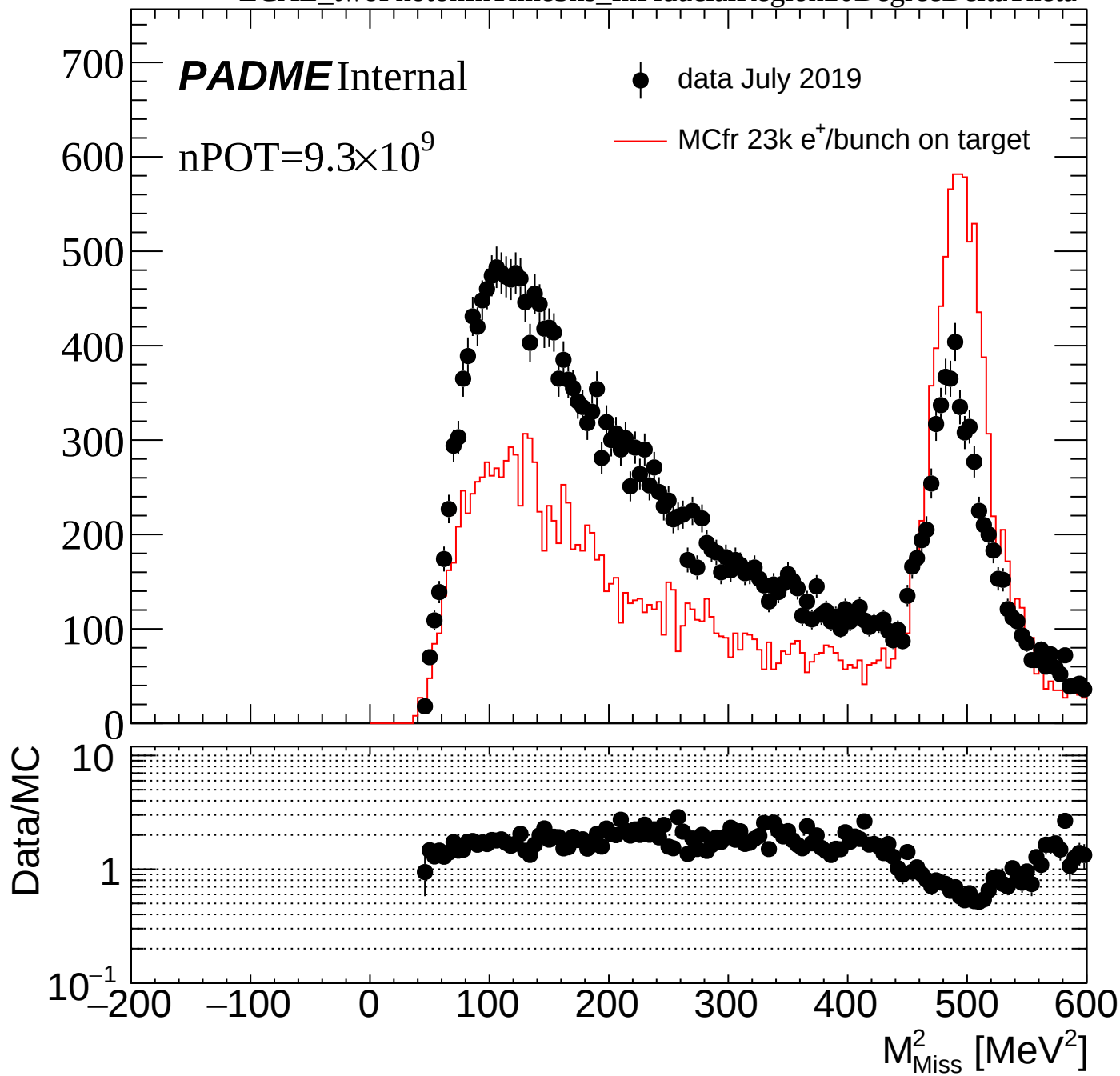




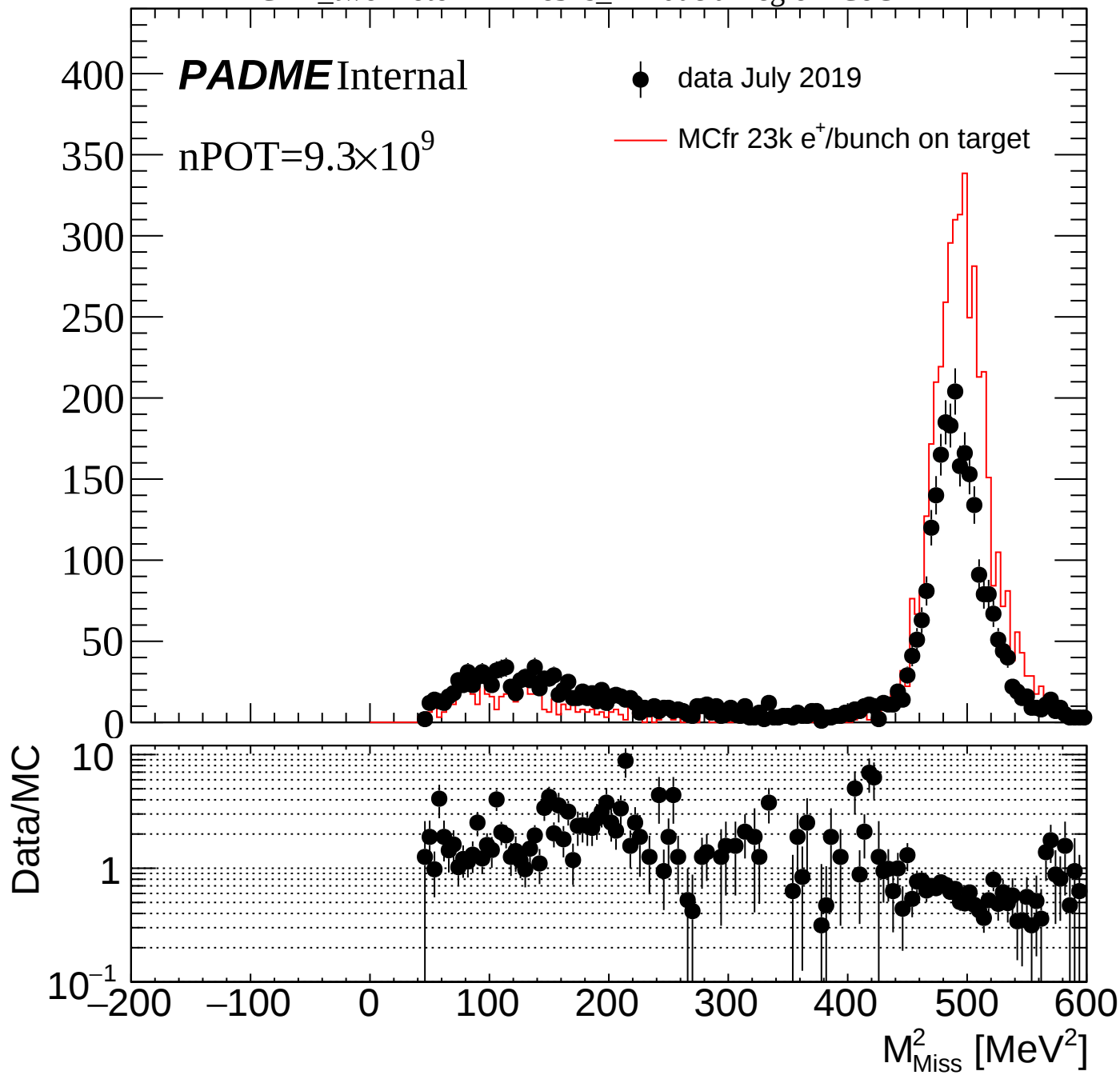


ECAL_twoPhotonInTime3ns_InFiducialRegion20Degree

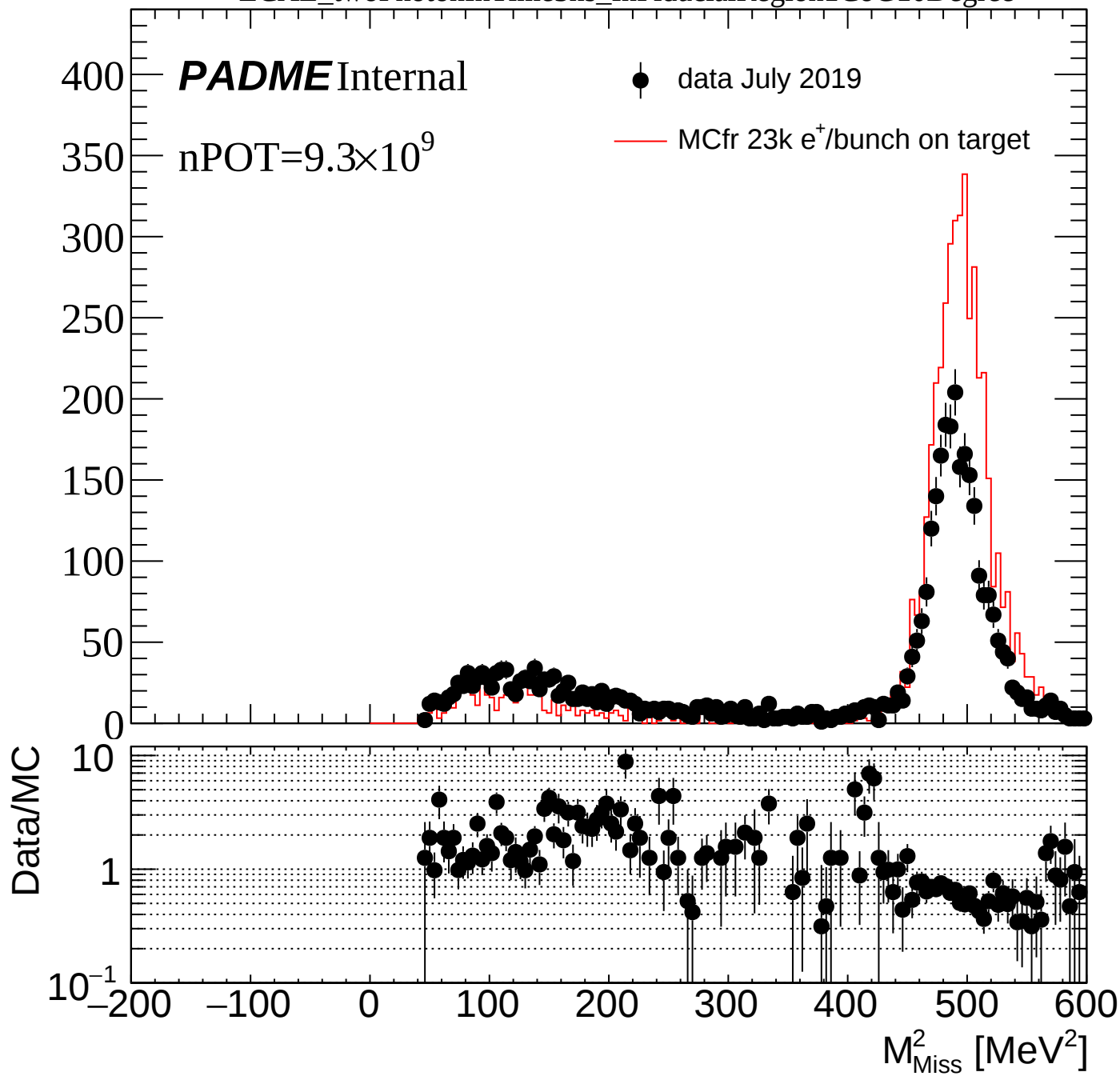


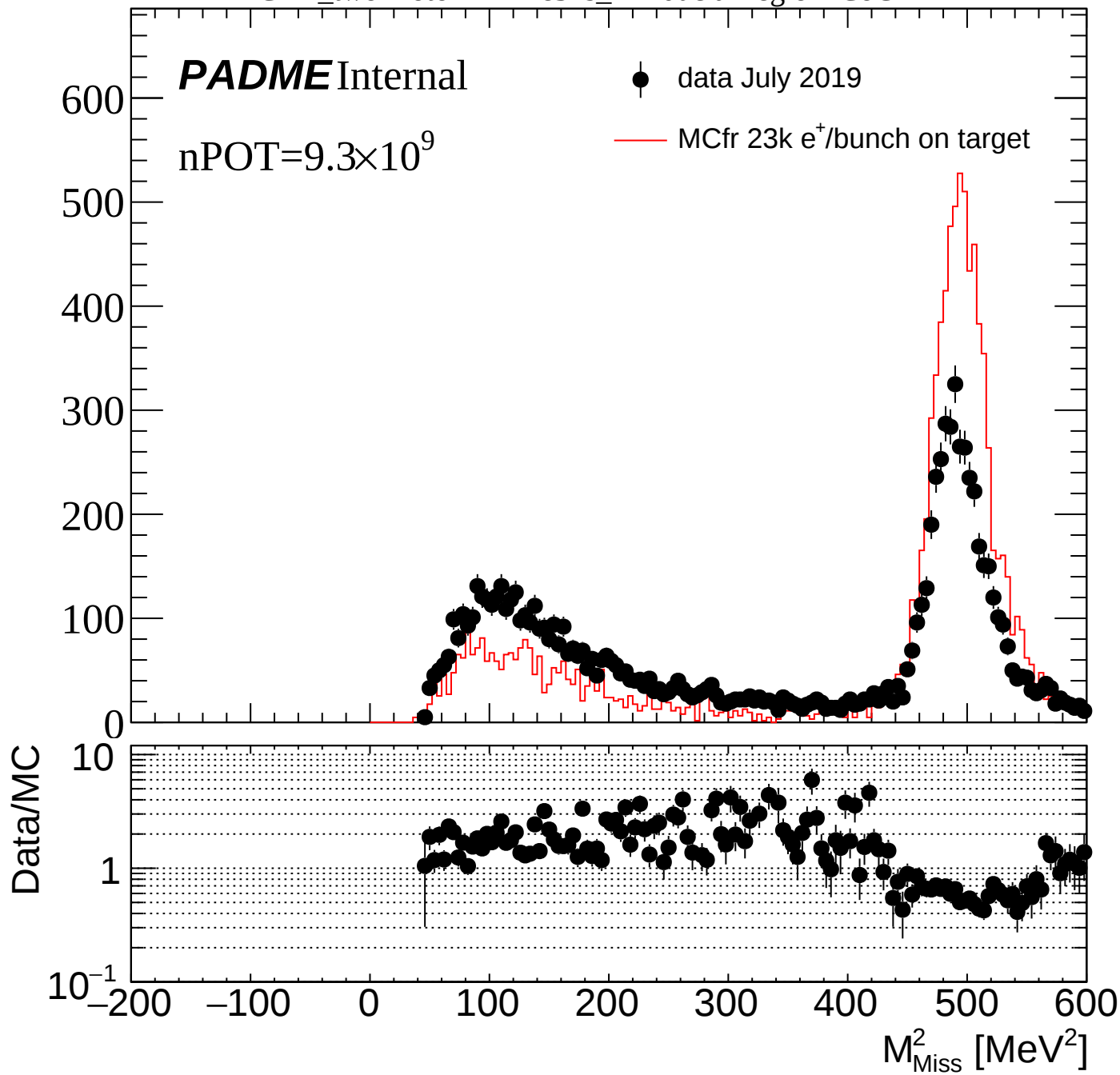


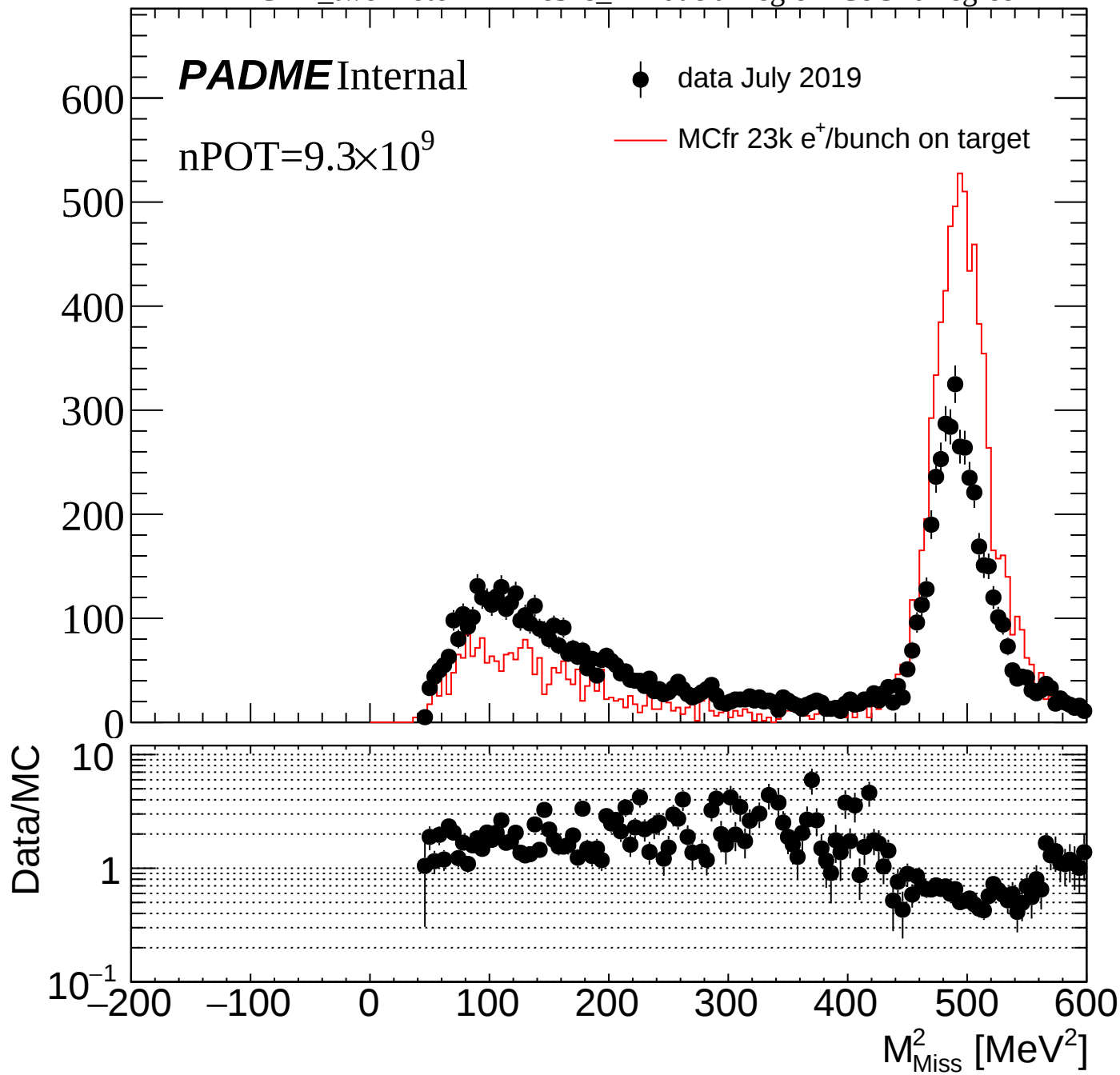
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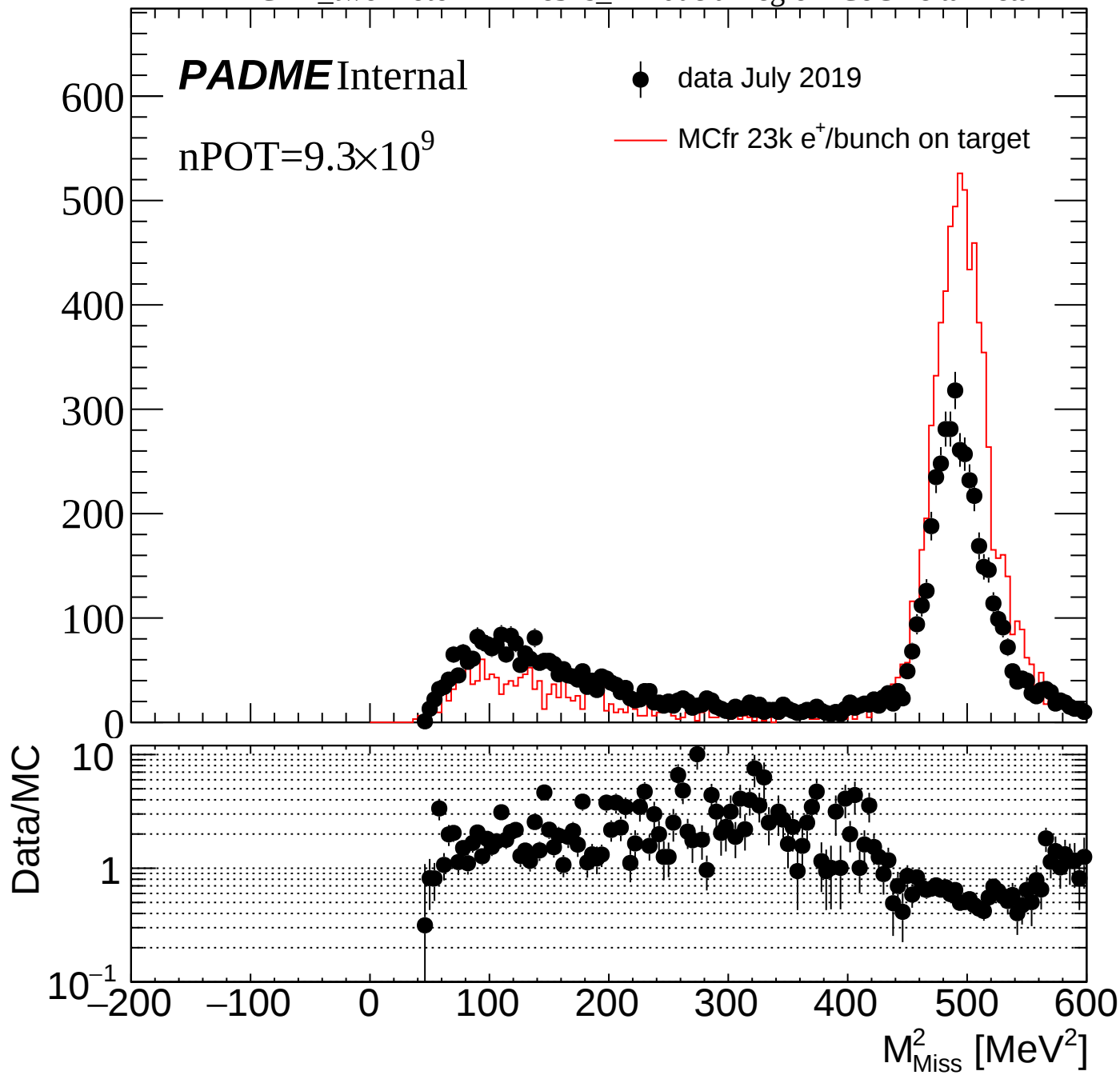


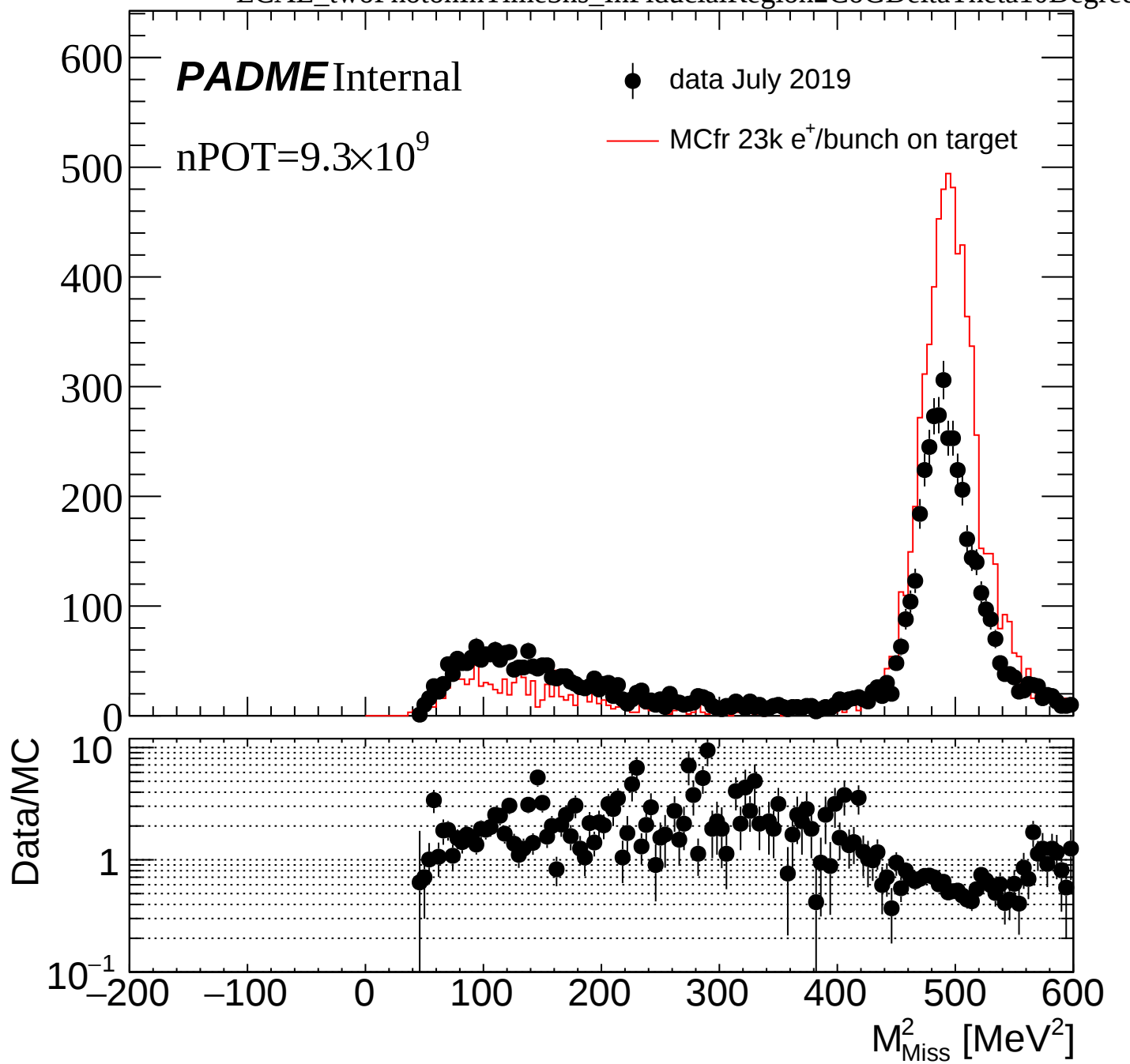
ECAL_twoPhotonInTime3ns_InFiducialRegion1CoG10Degree



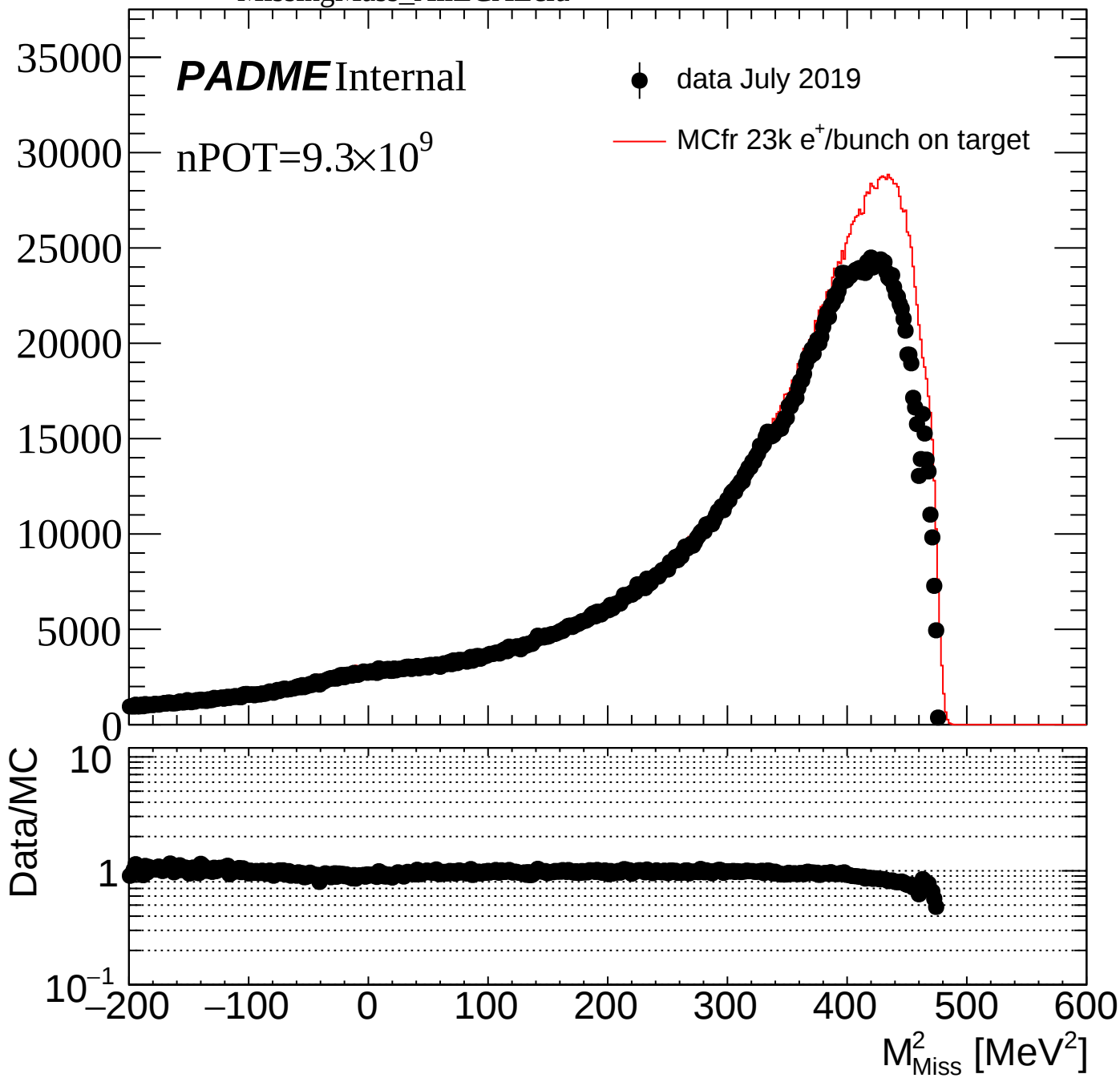


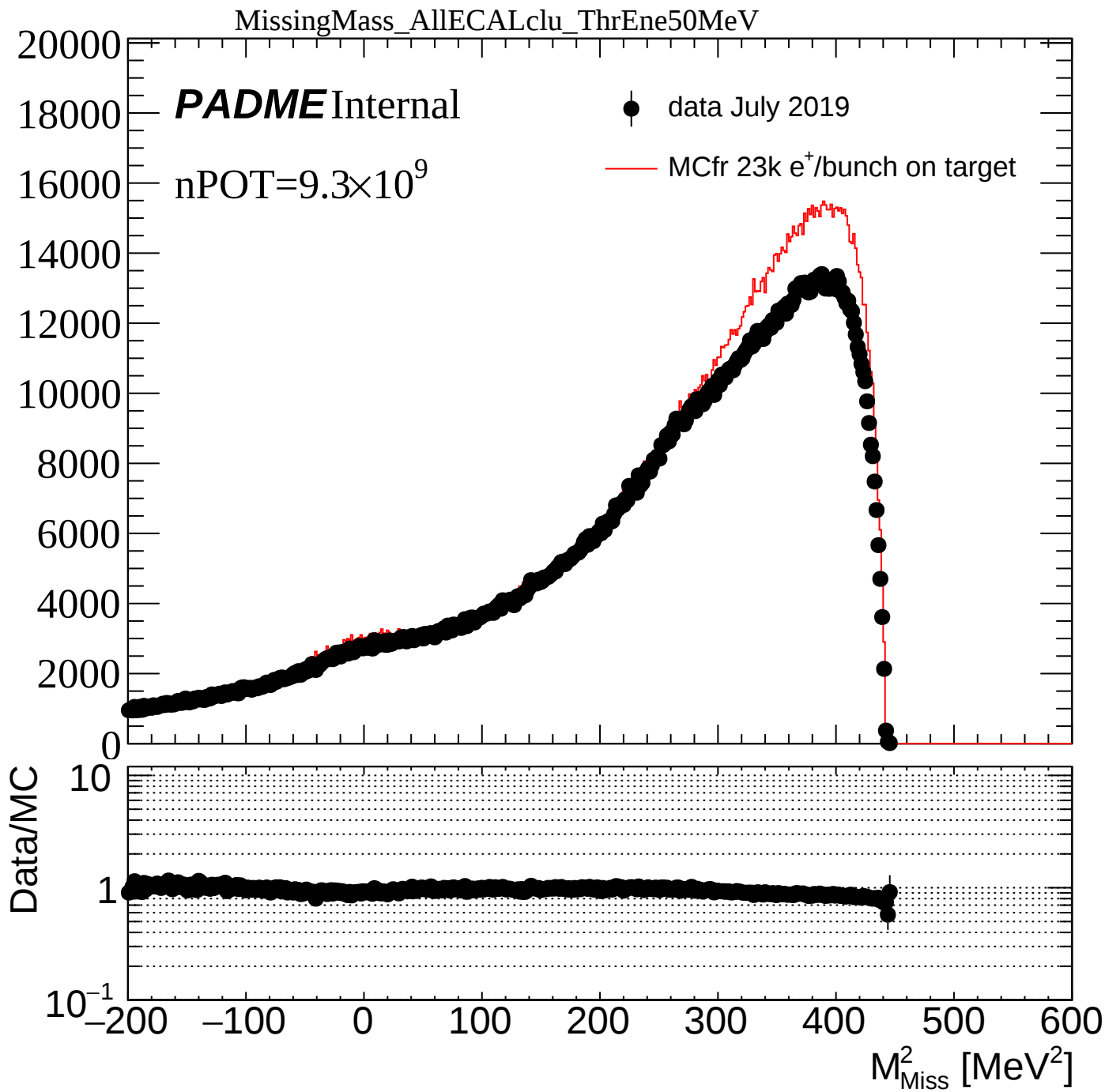




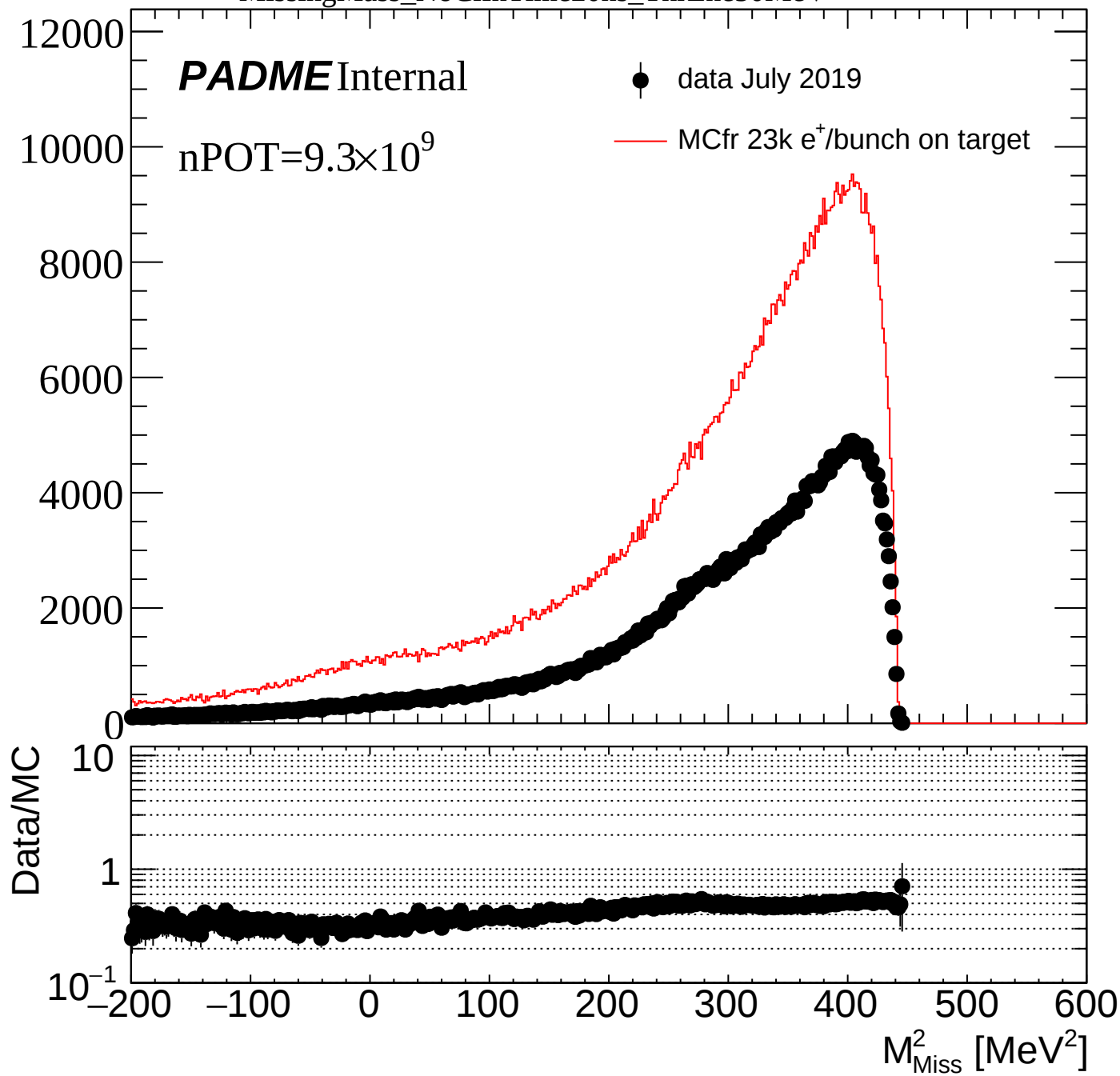


MissingMass_AllECALclu





MissingMass_NoClInTime20ns_ThrEne50MeV



MissingMass_NoClInTime10ns_ThrEne50MeV

