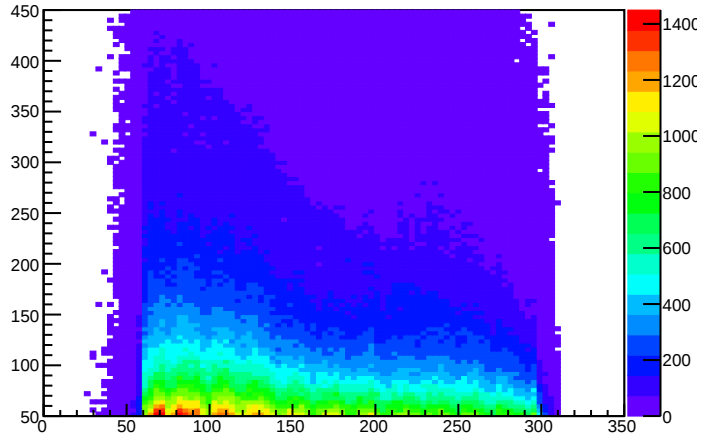
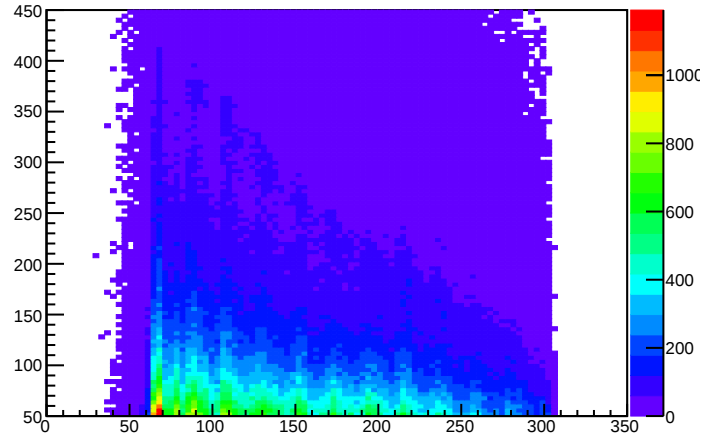


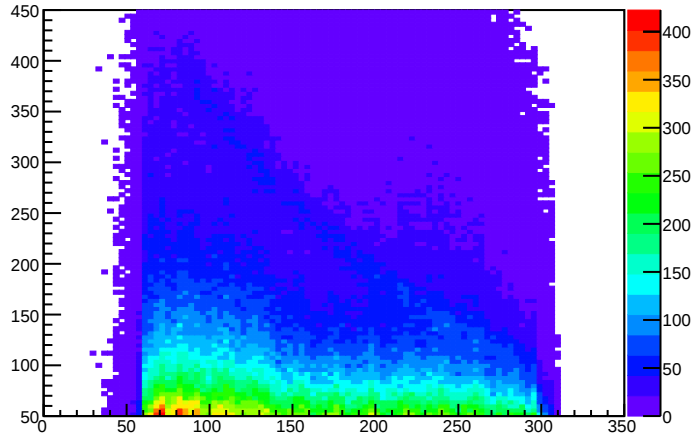
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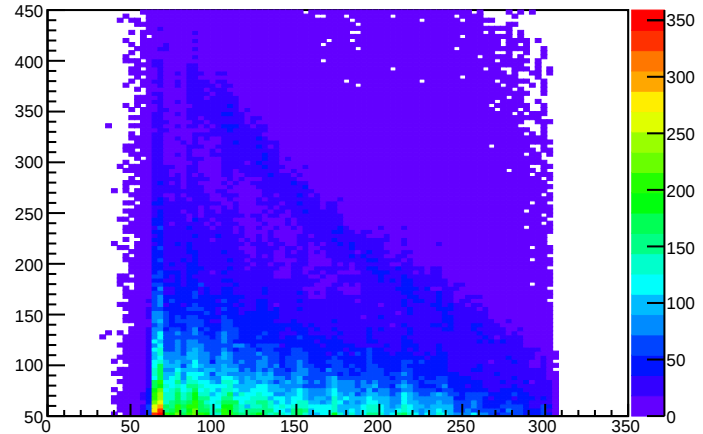
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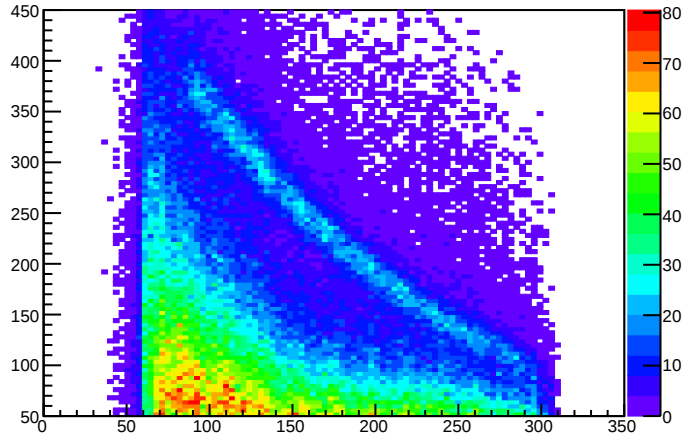
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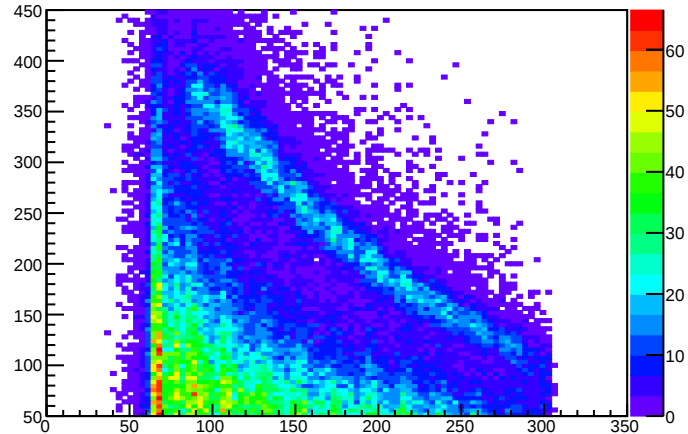
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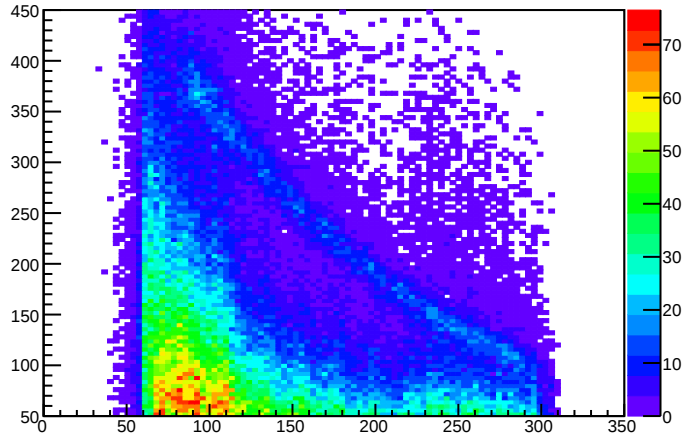
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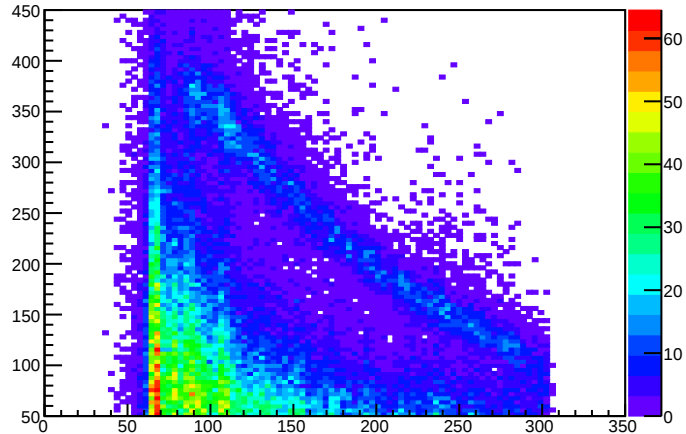
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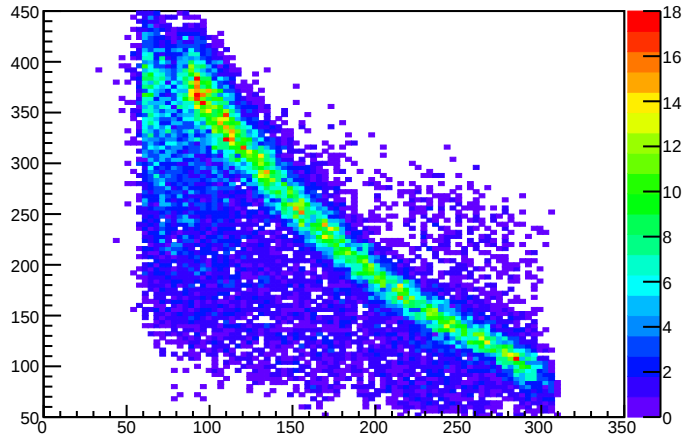
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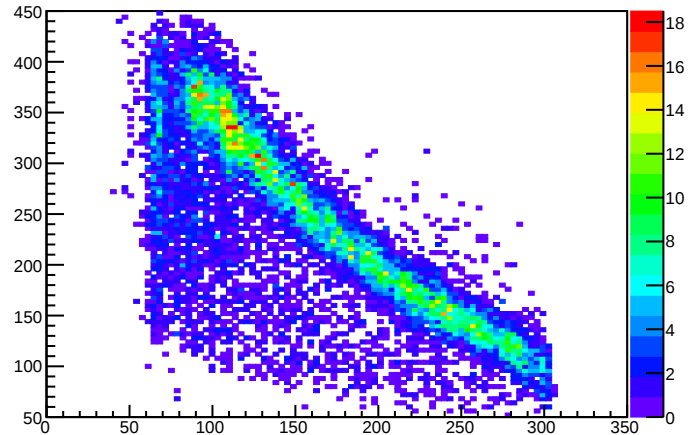
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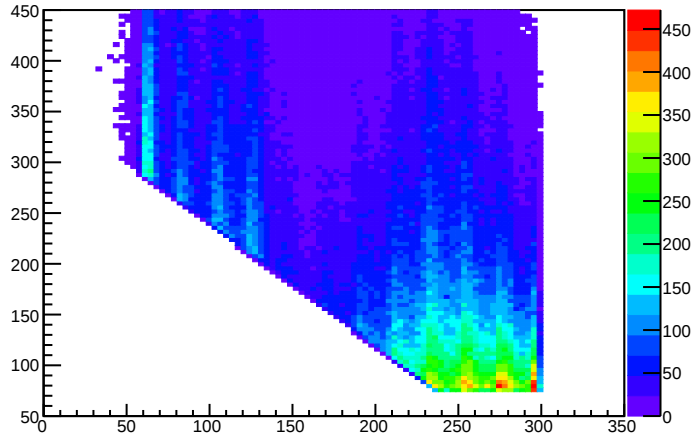
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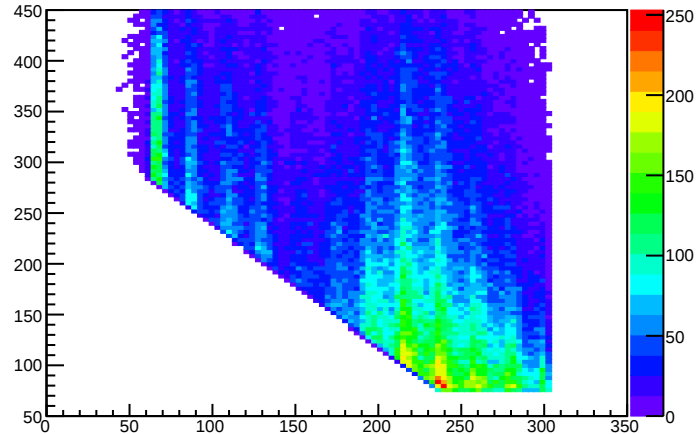
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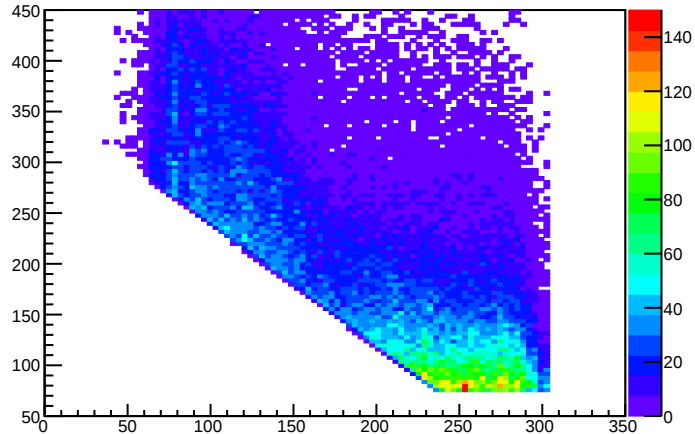
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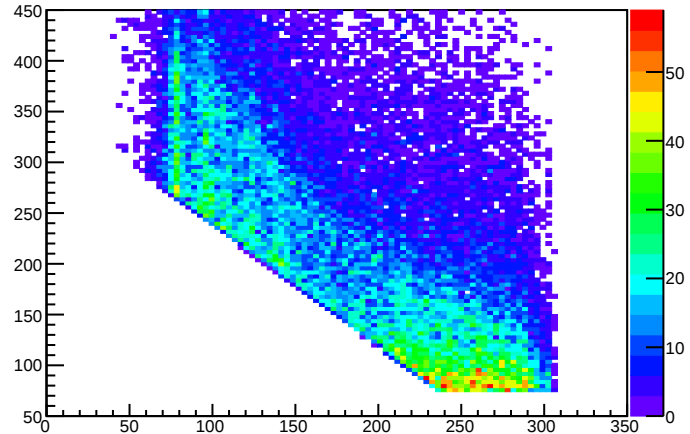
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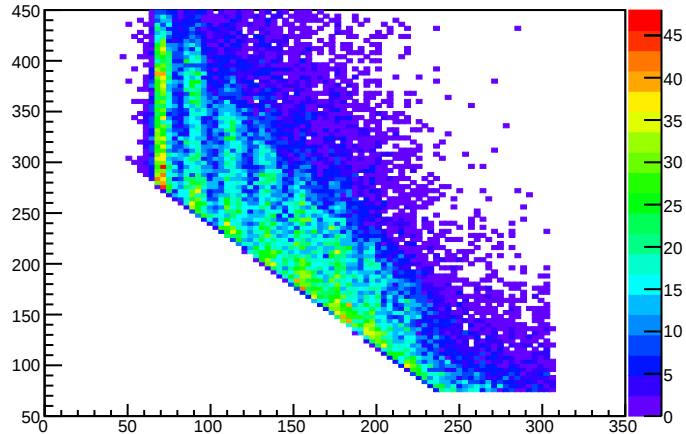
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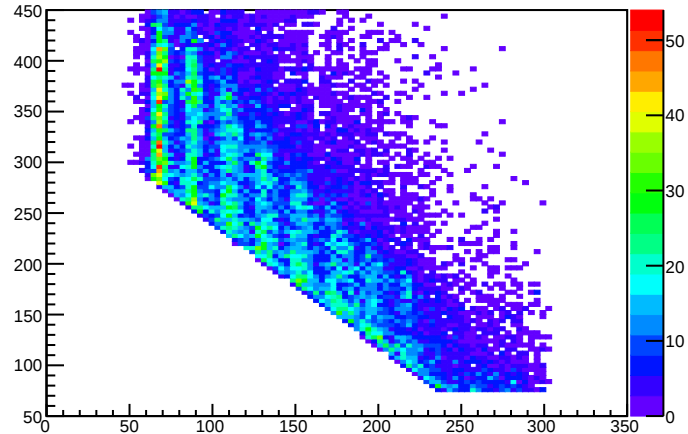
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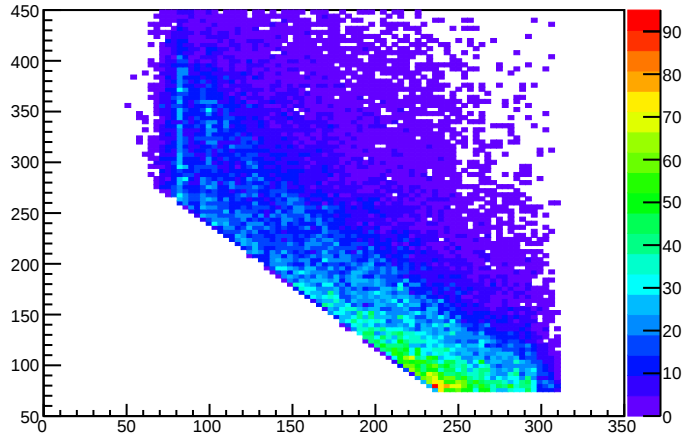
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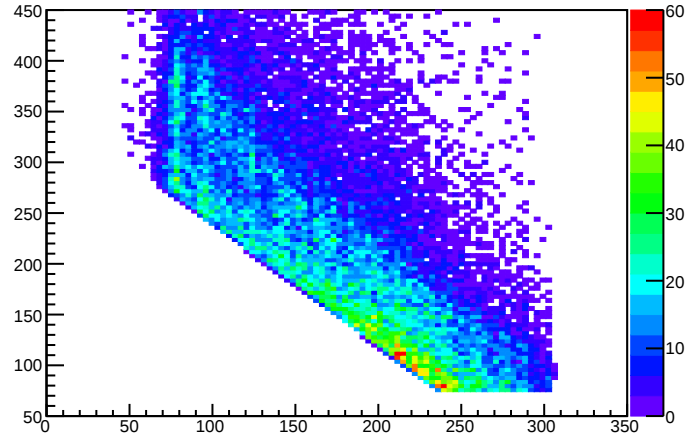
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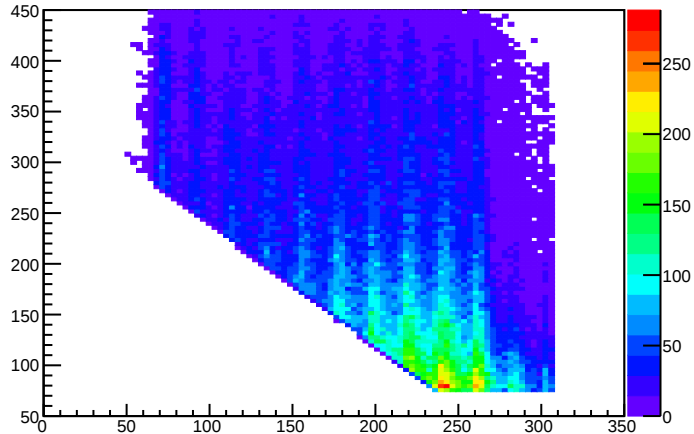
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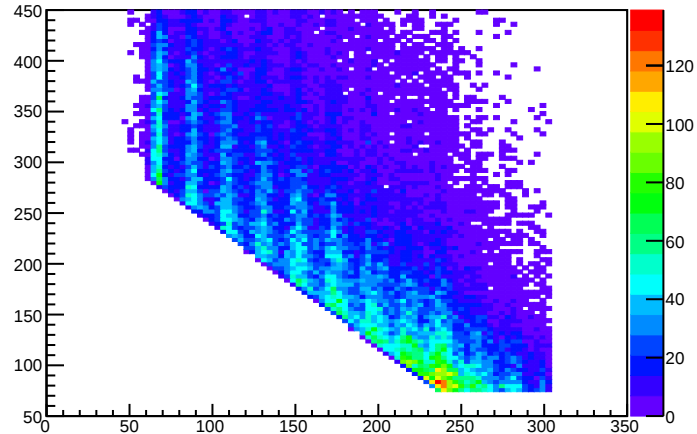
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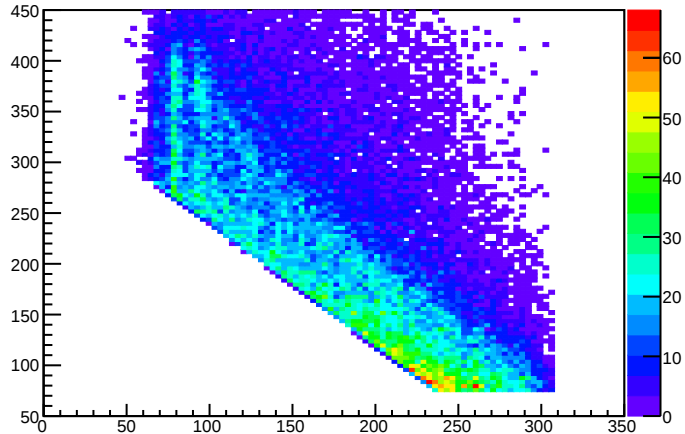
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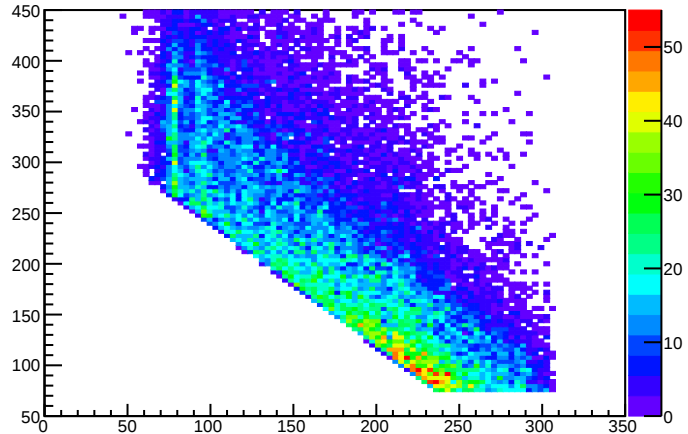
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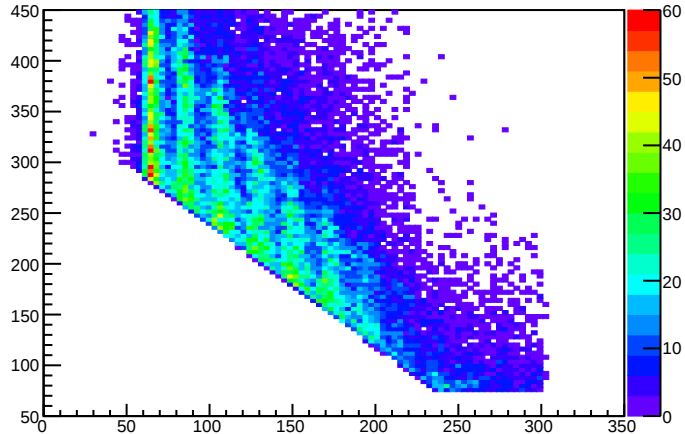
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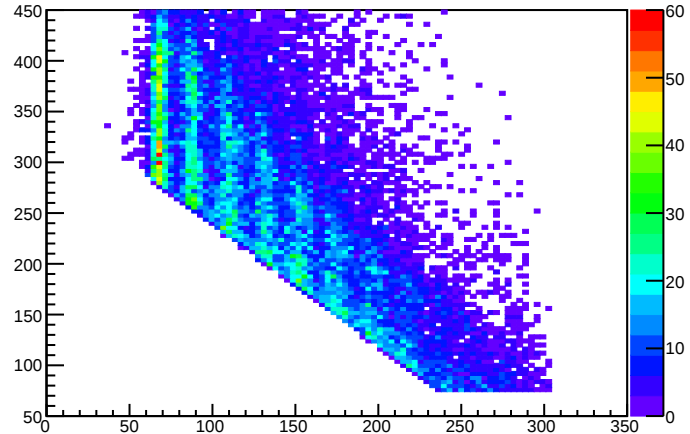
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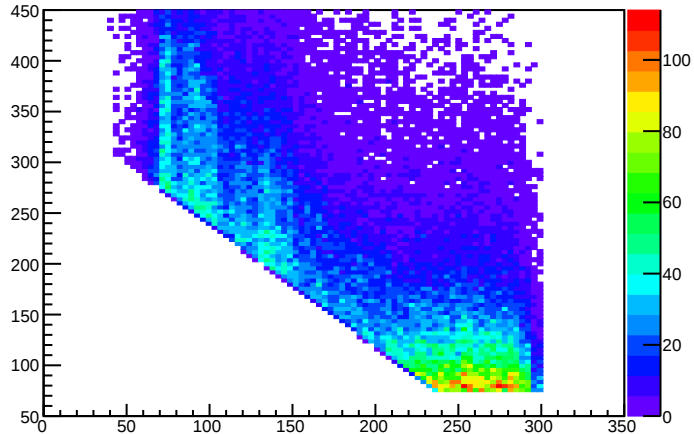
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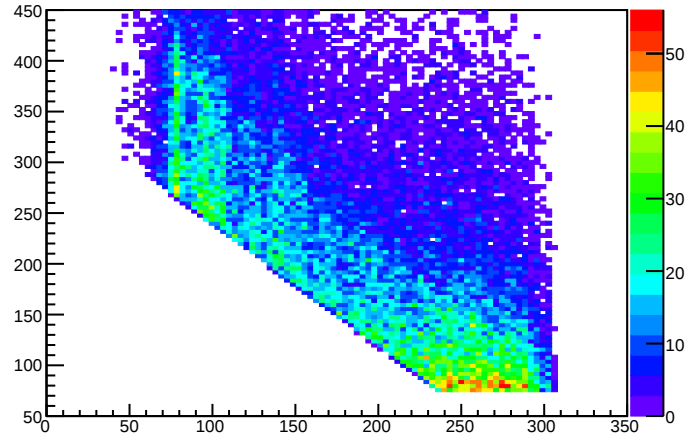
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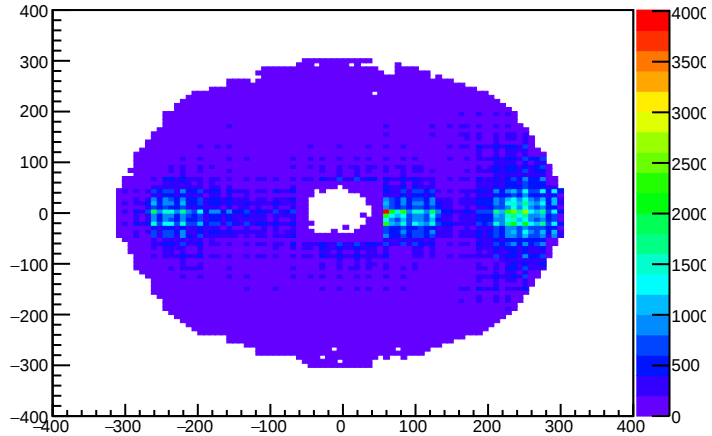
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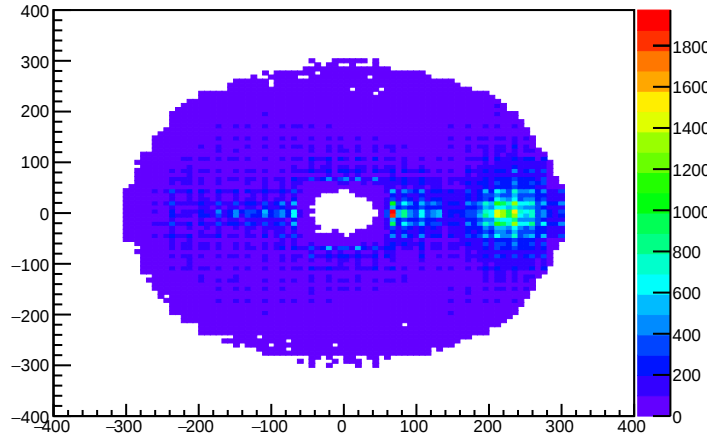
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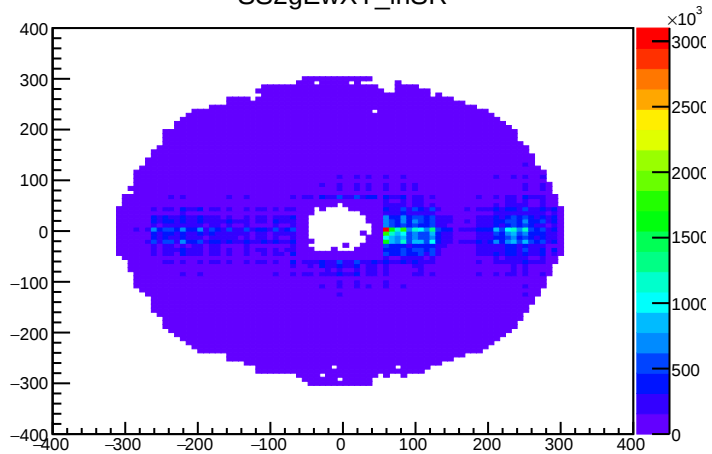
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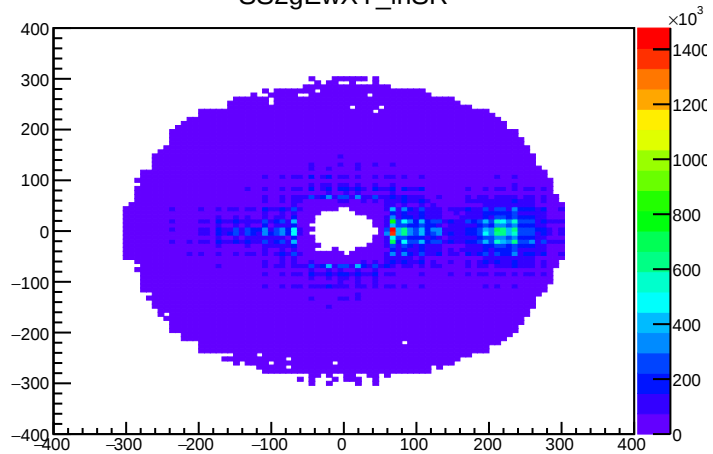
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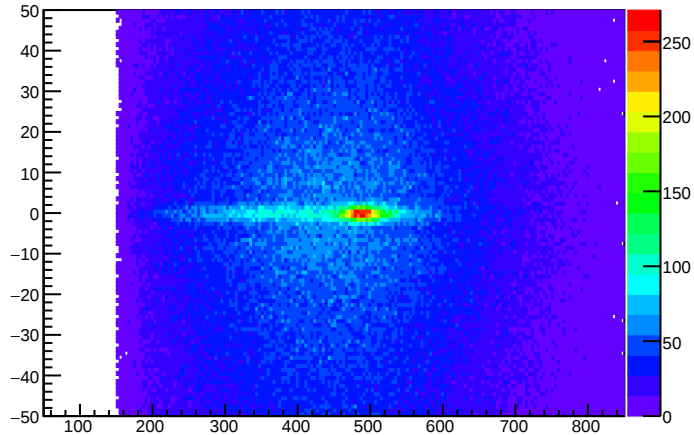
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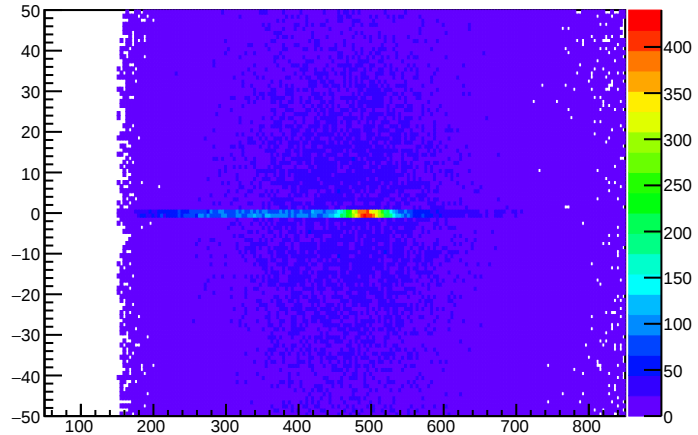
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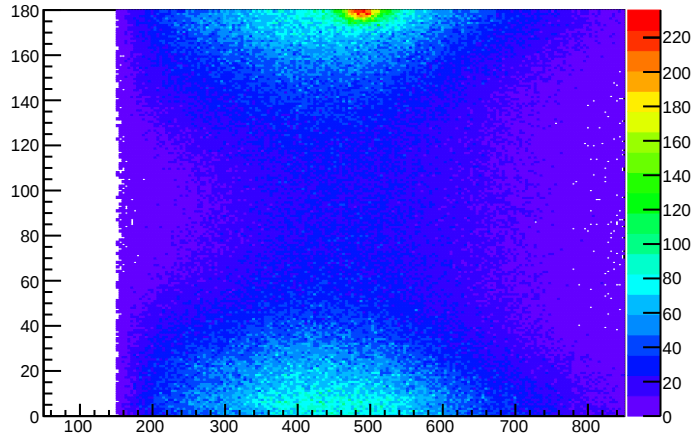
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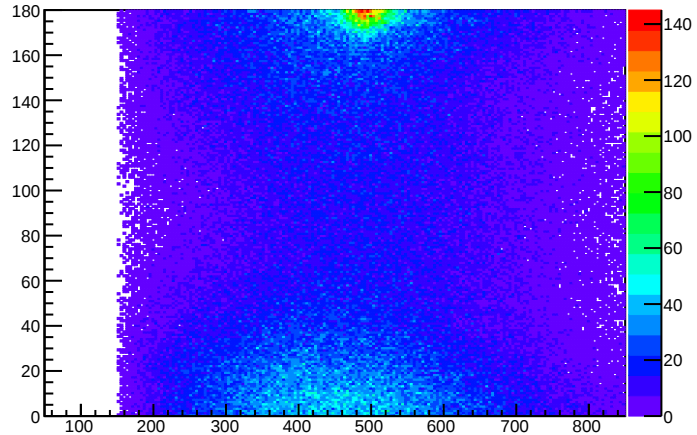
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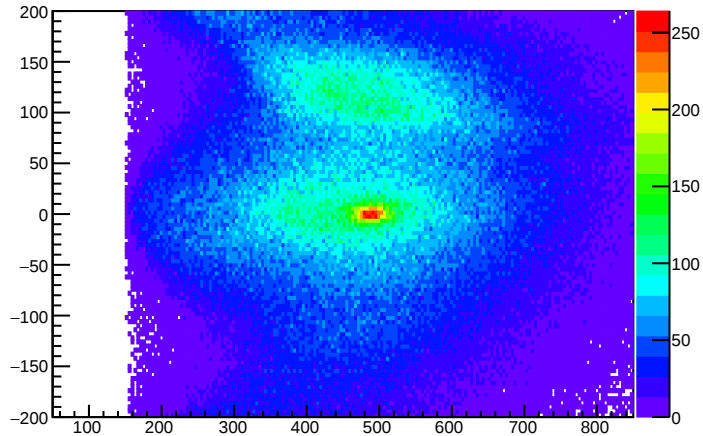
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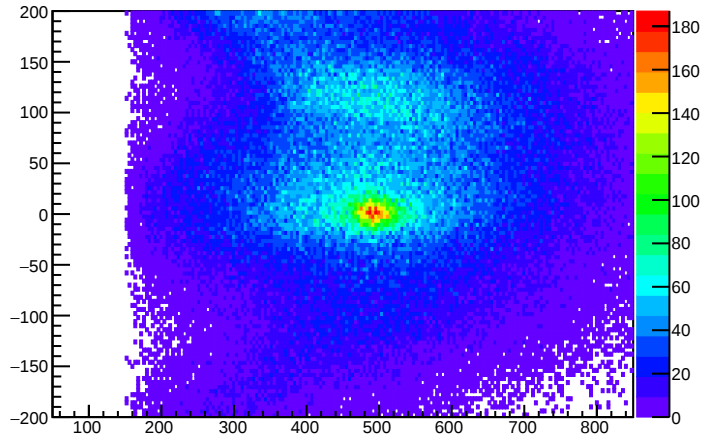
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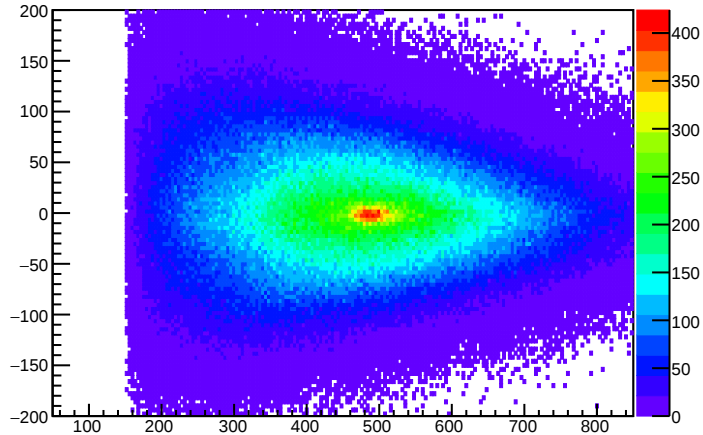
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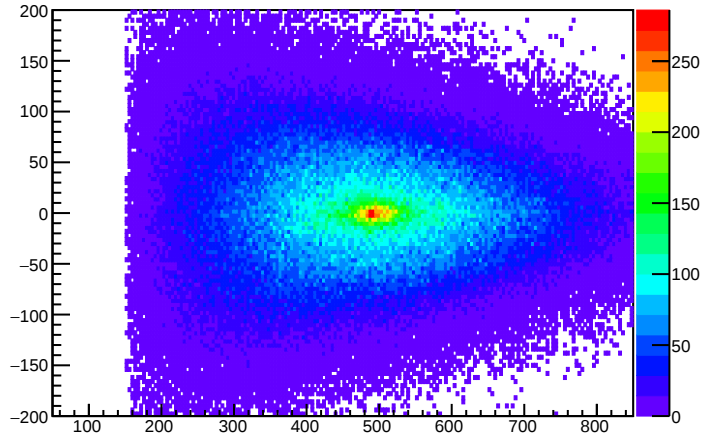
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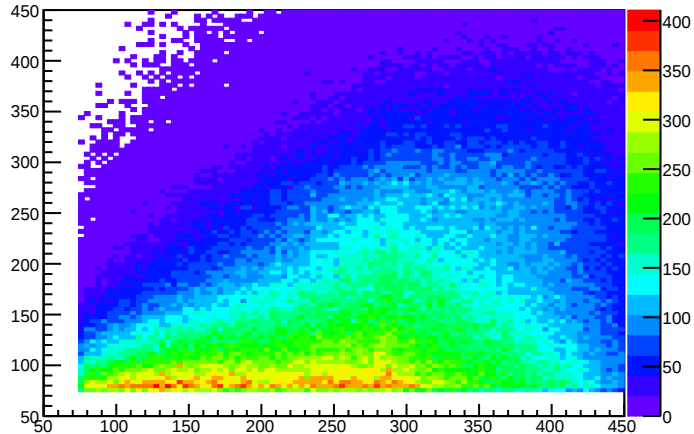
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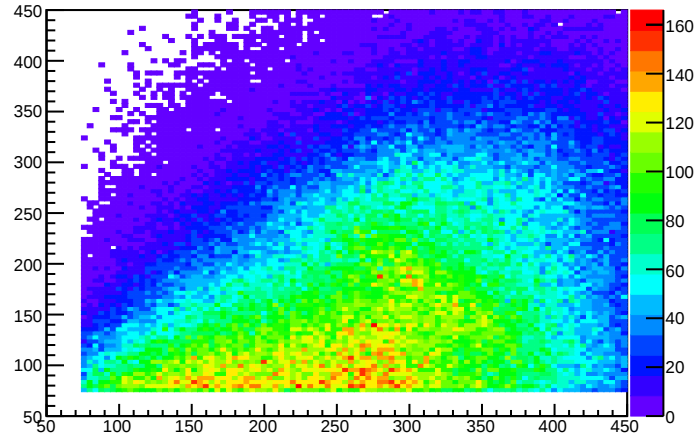
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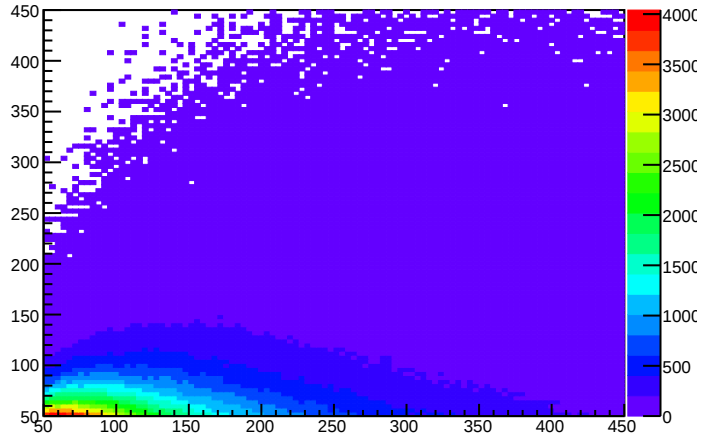
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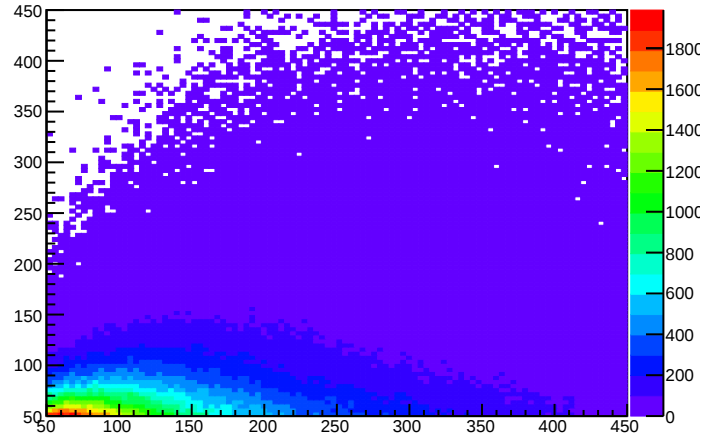
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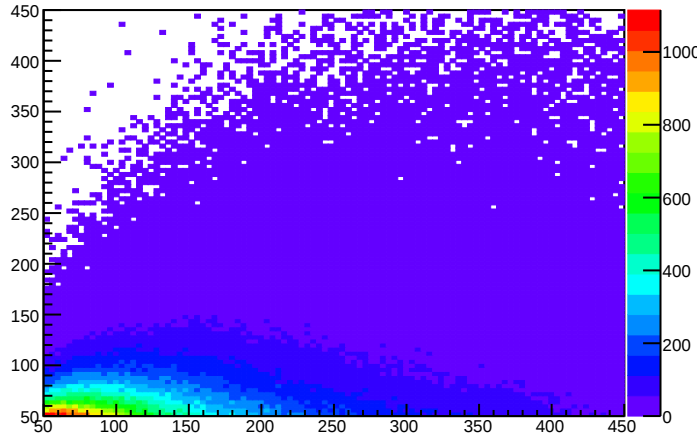
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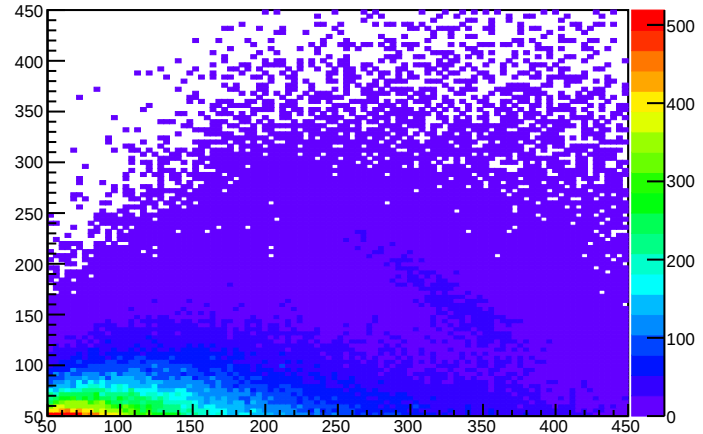
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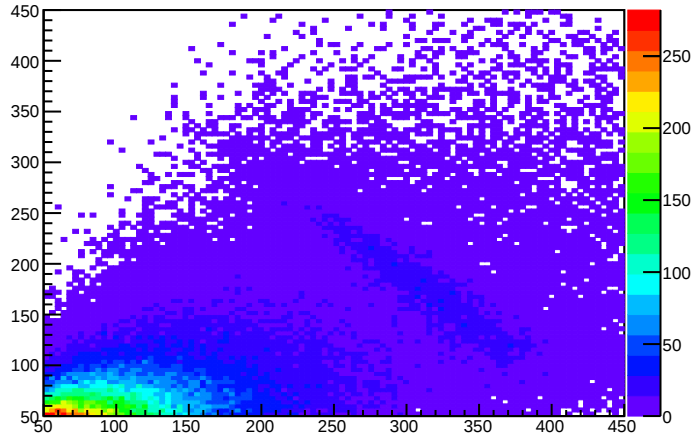
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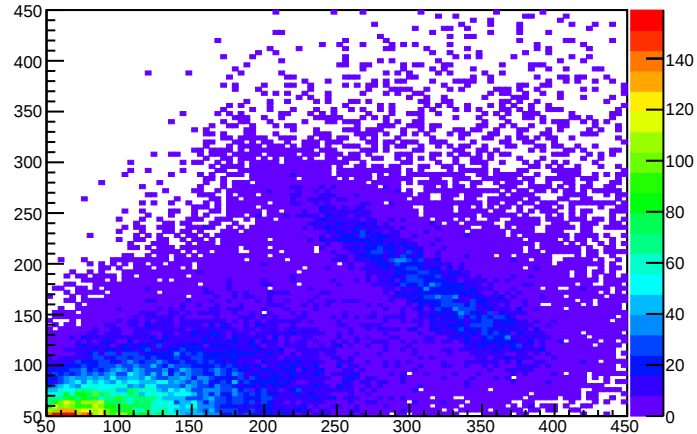
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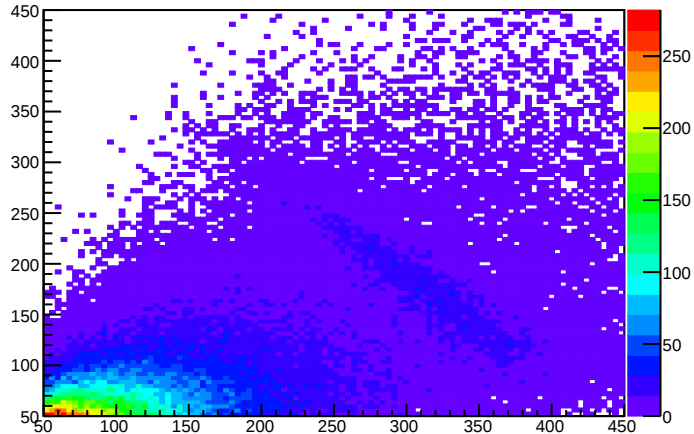
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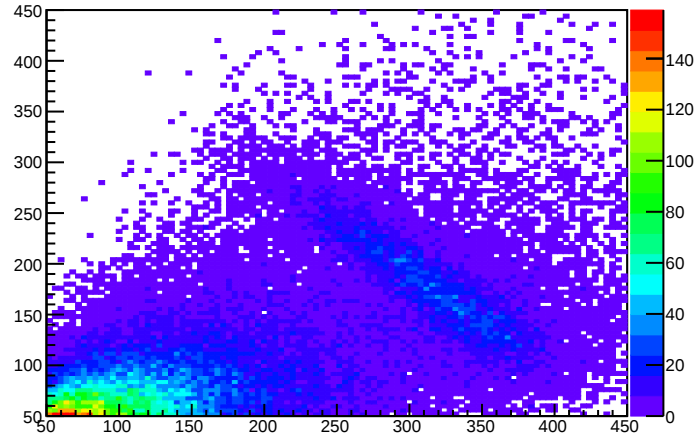
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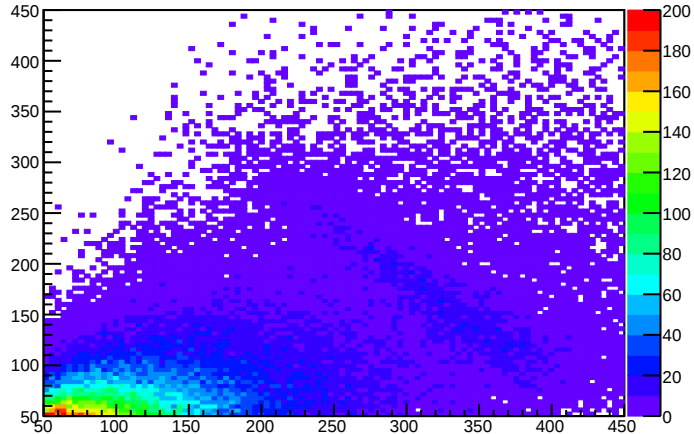
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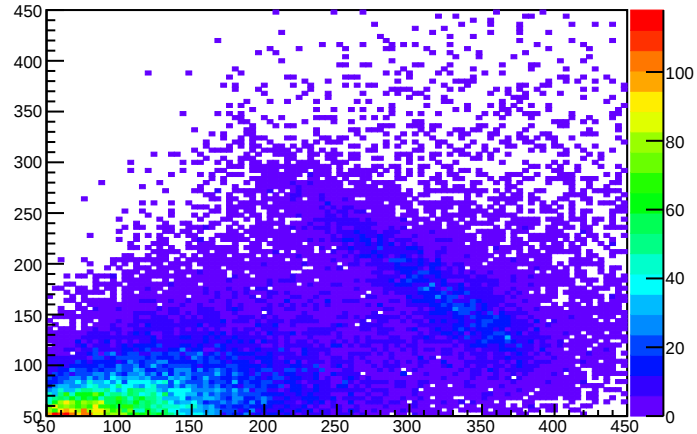
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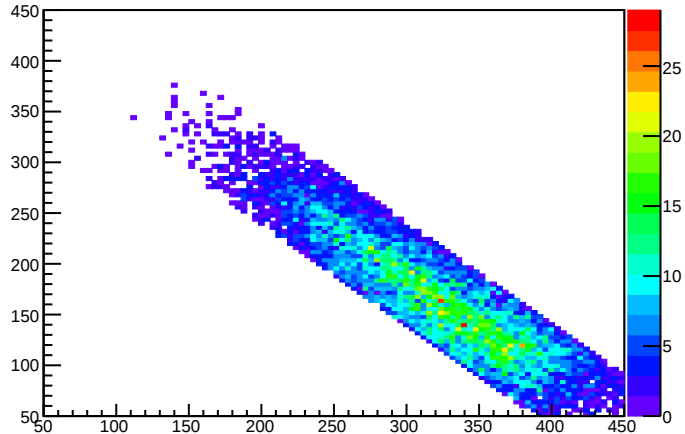
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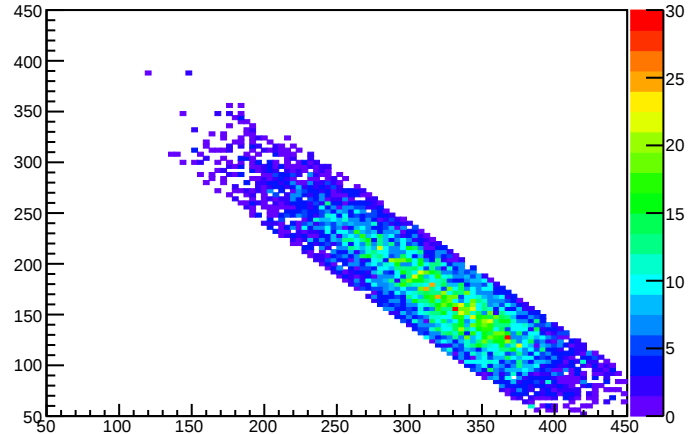
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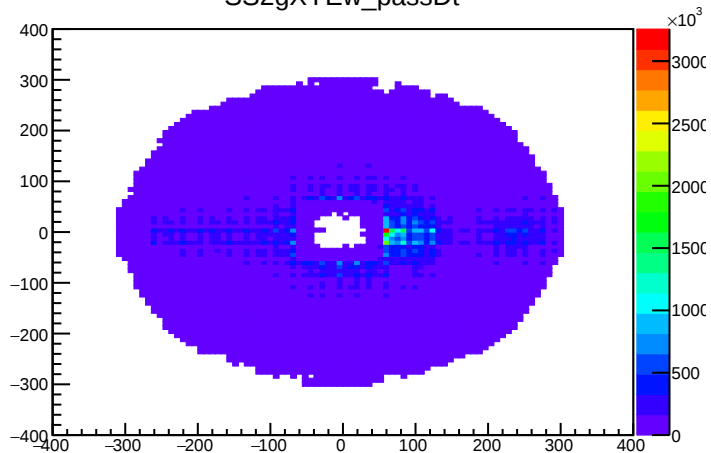
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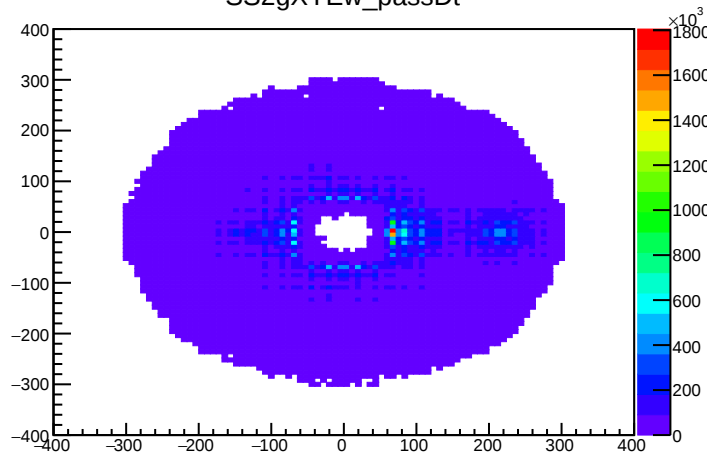
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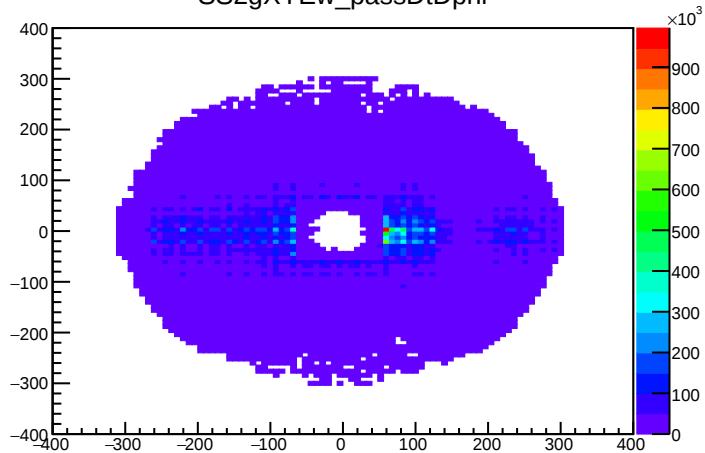
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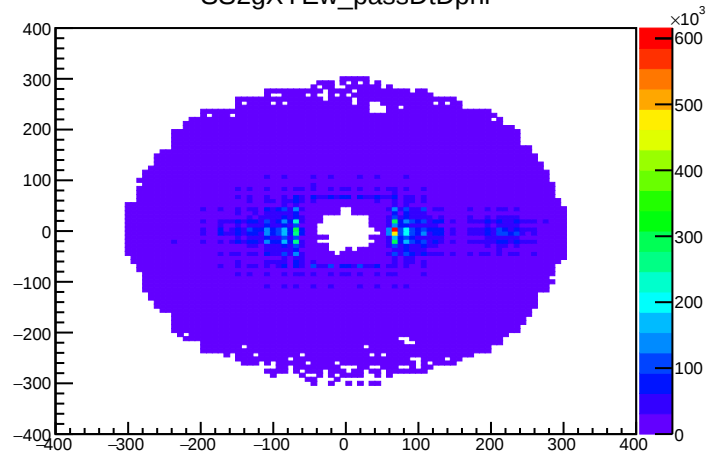
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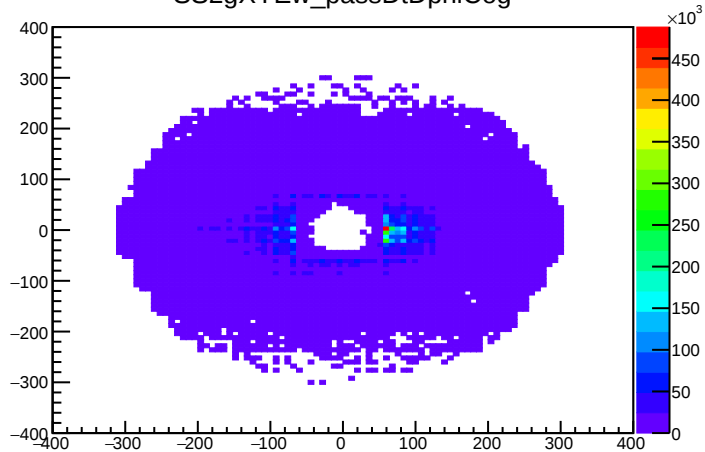
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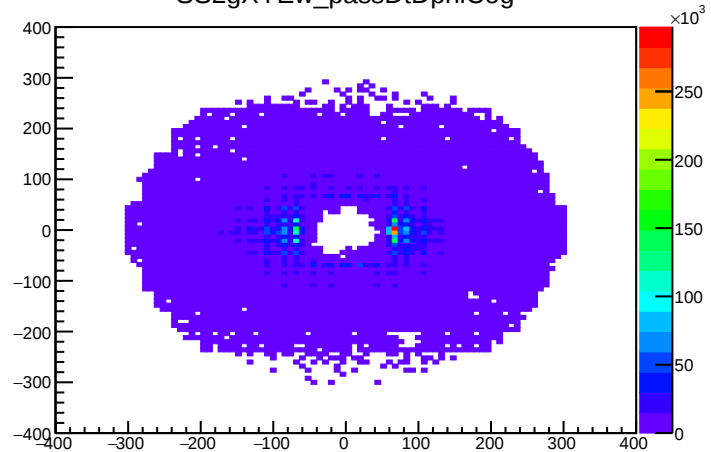
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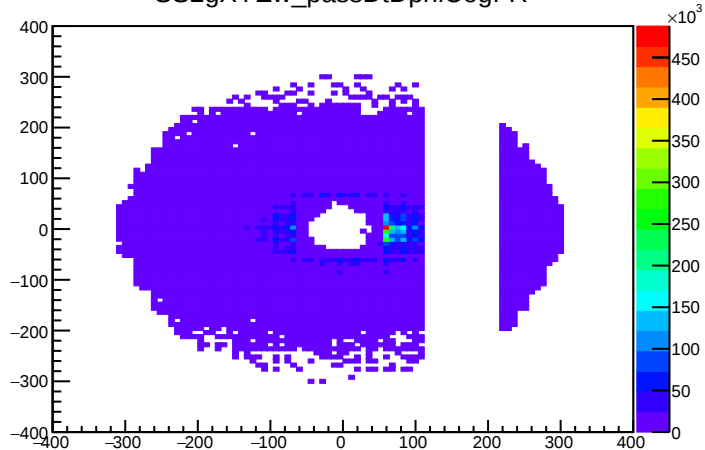
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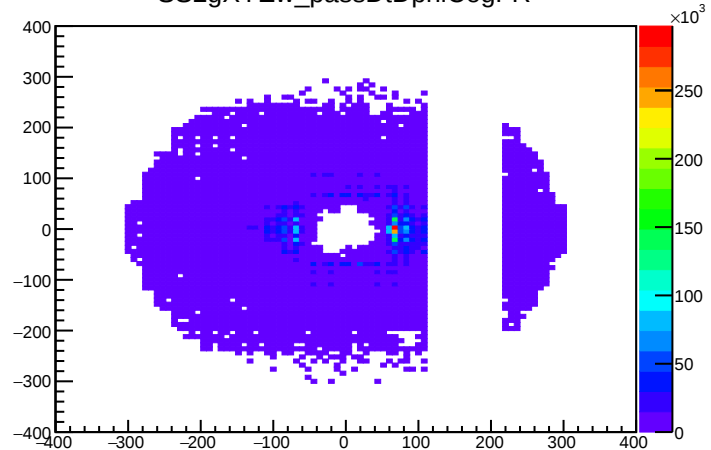
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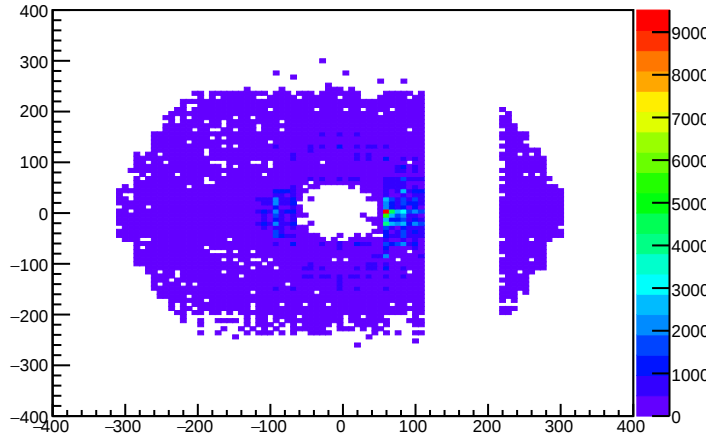
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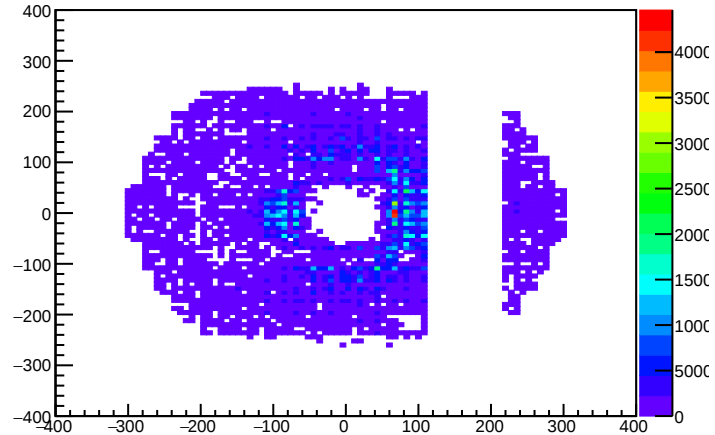
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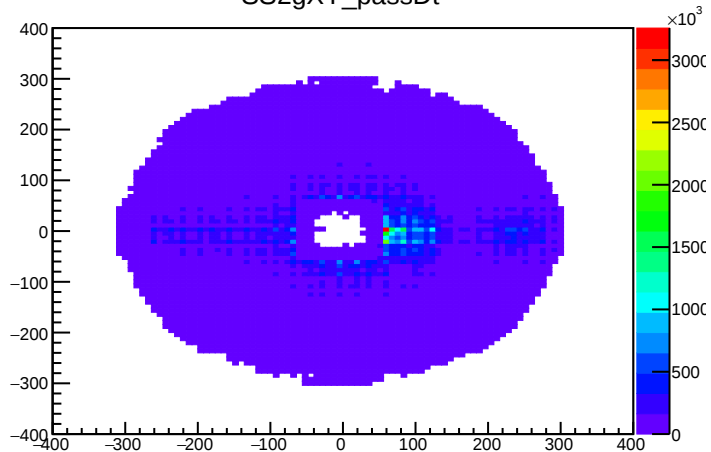
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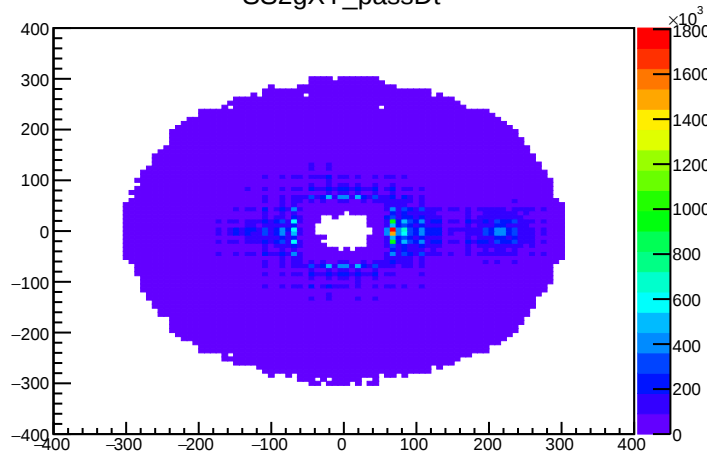
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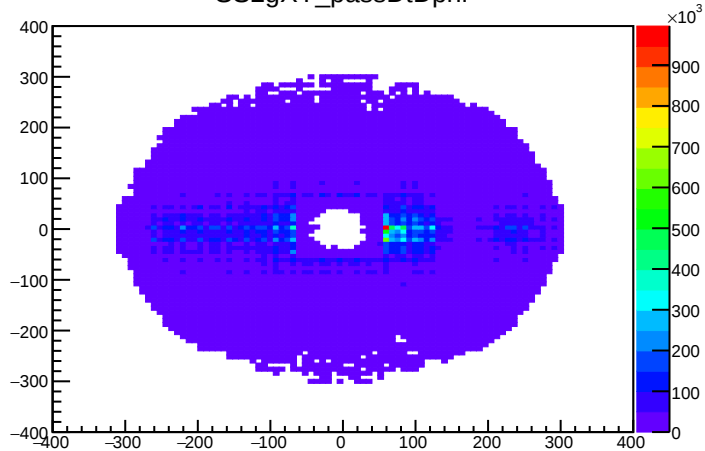
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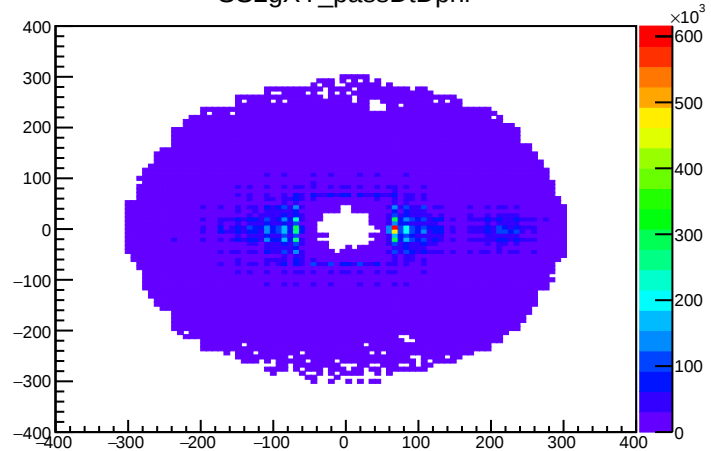
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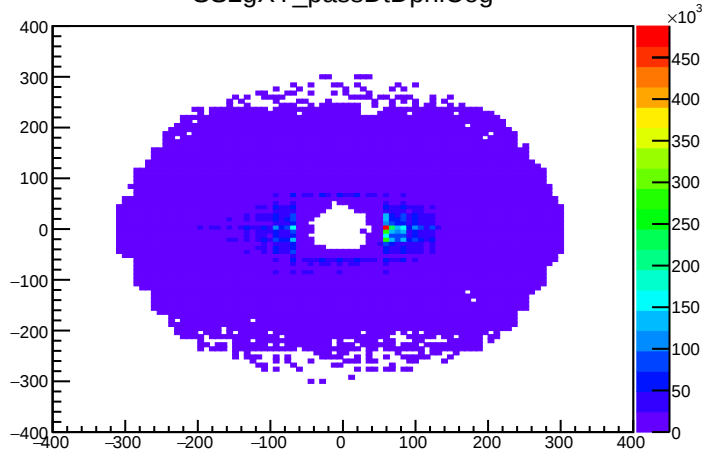
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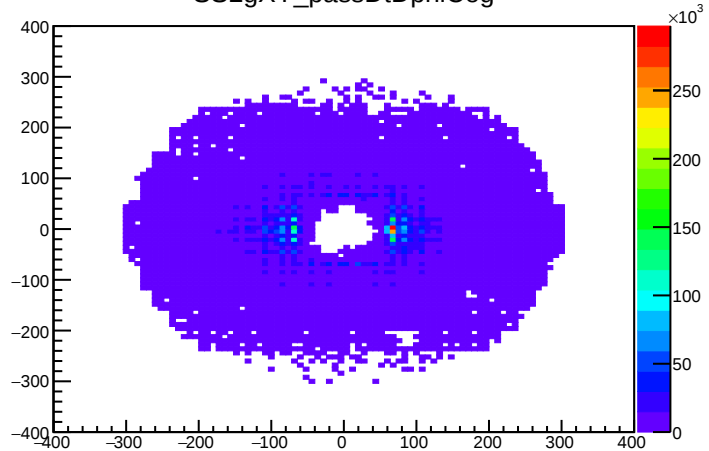
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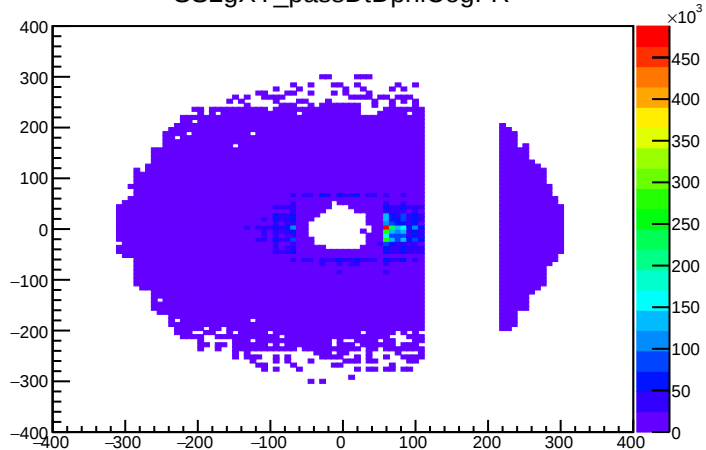
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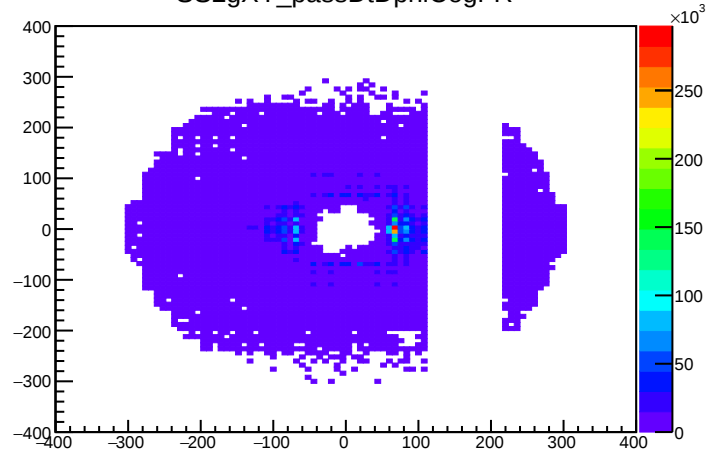
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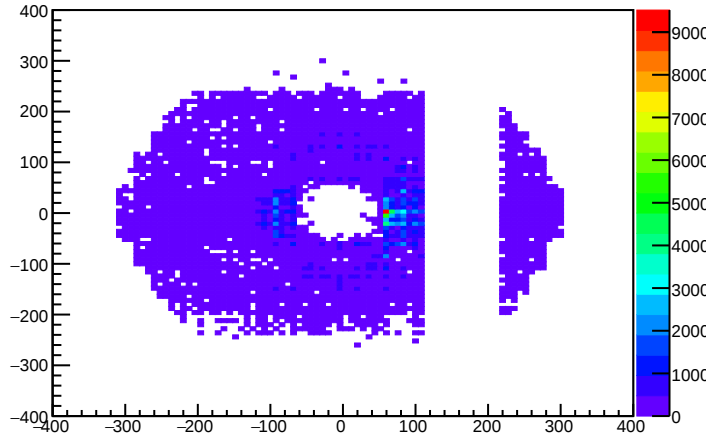
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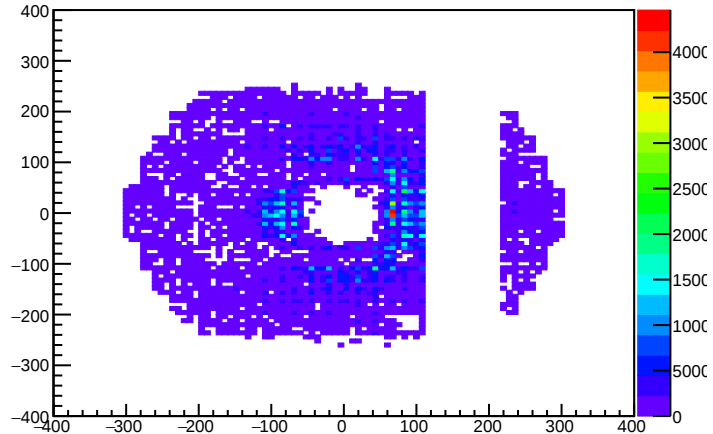
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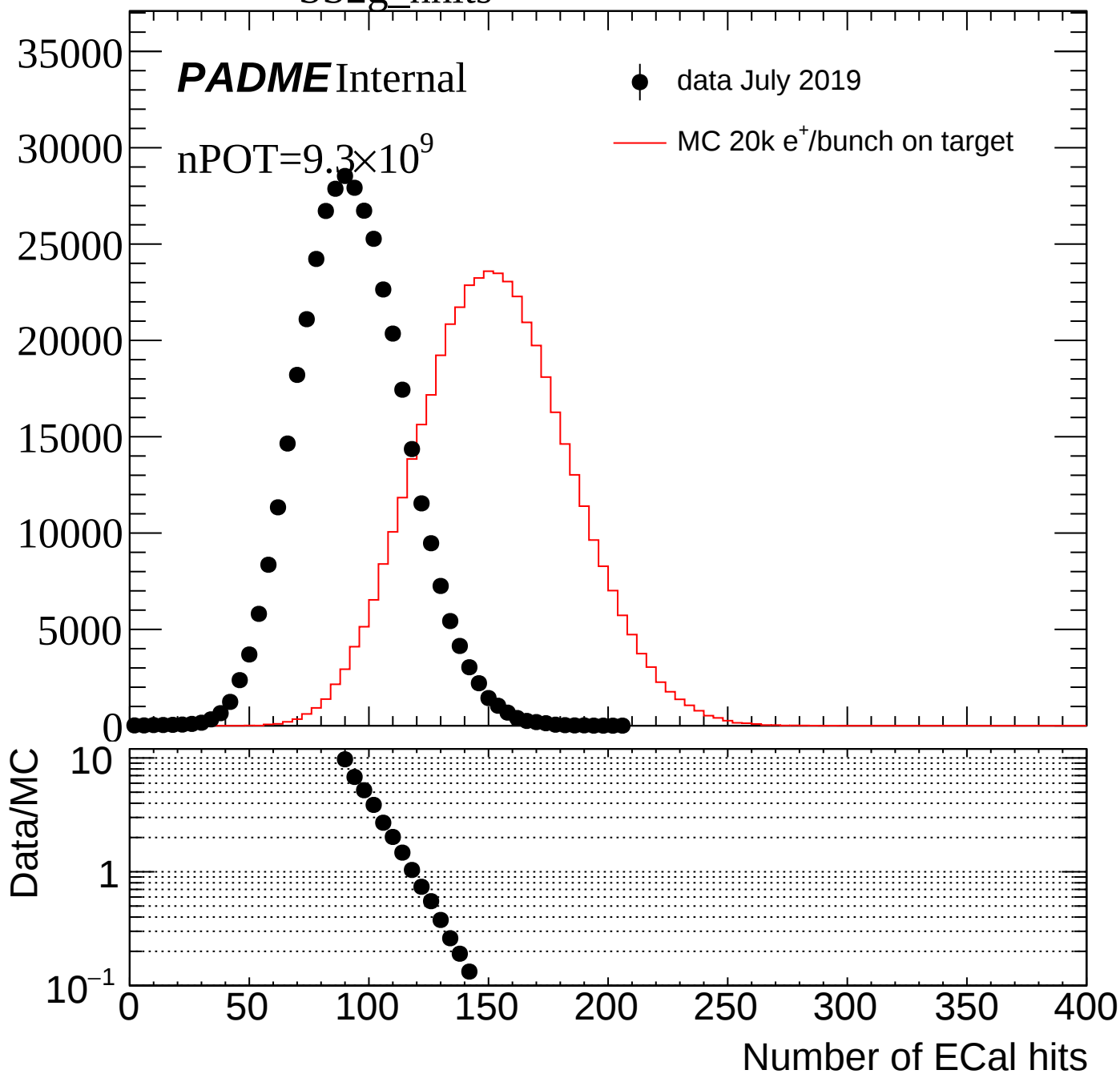
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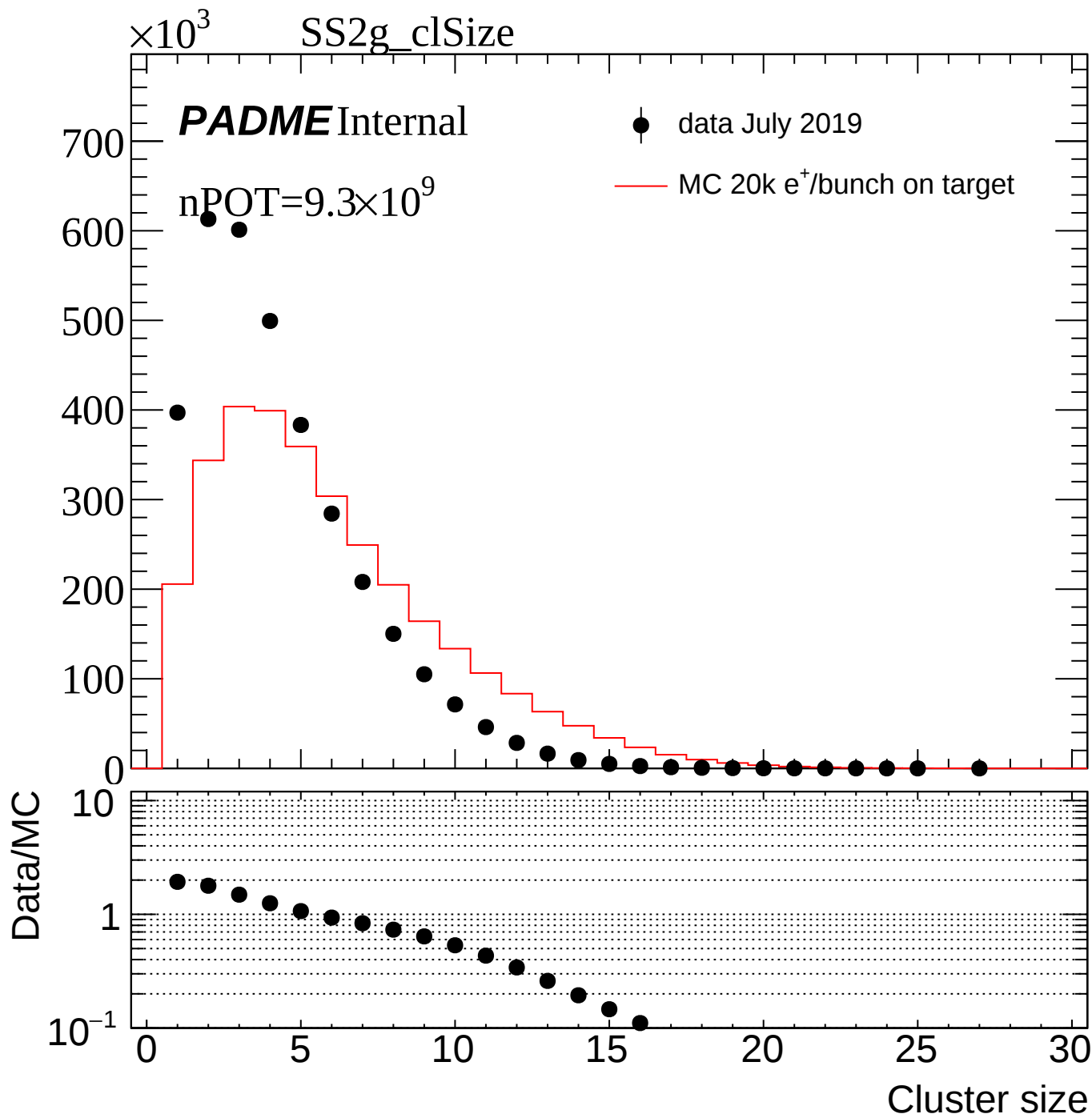


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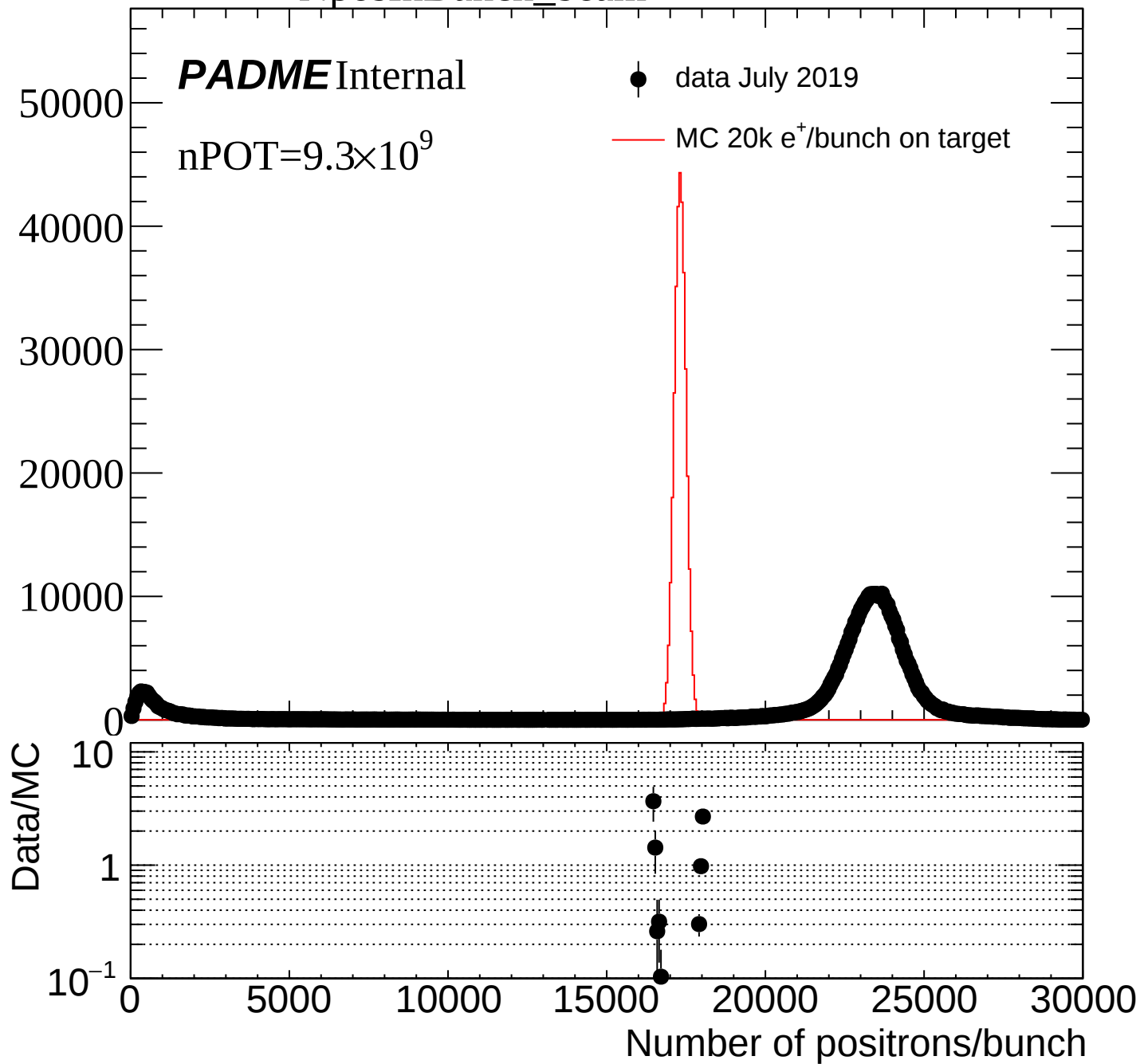


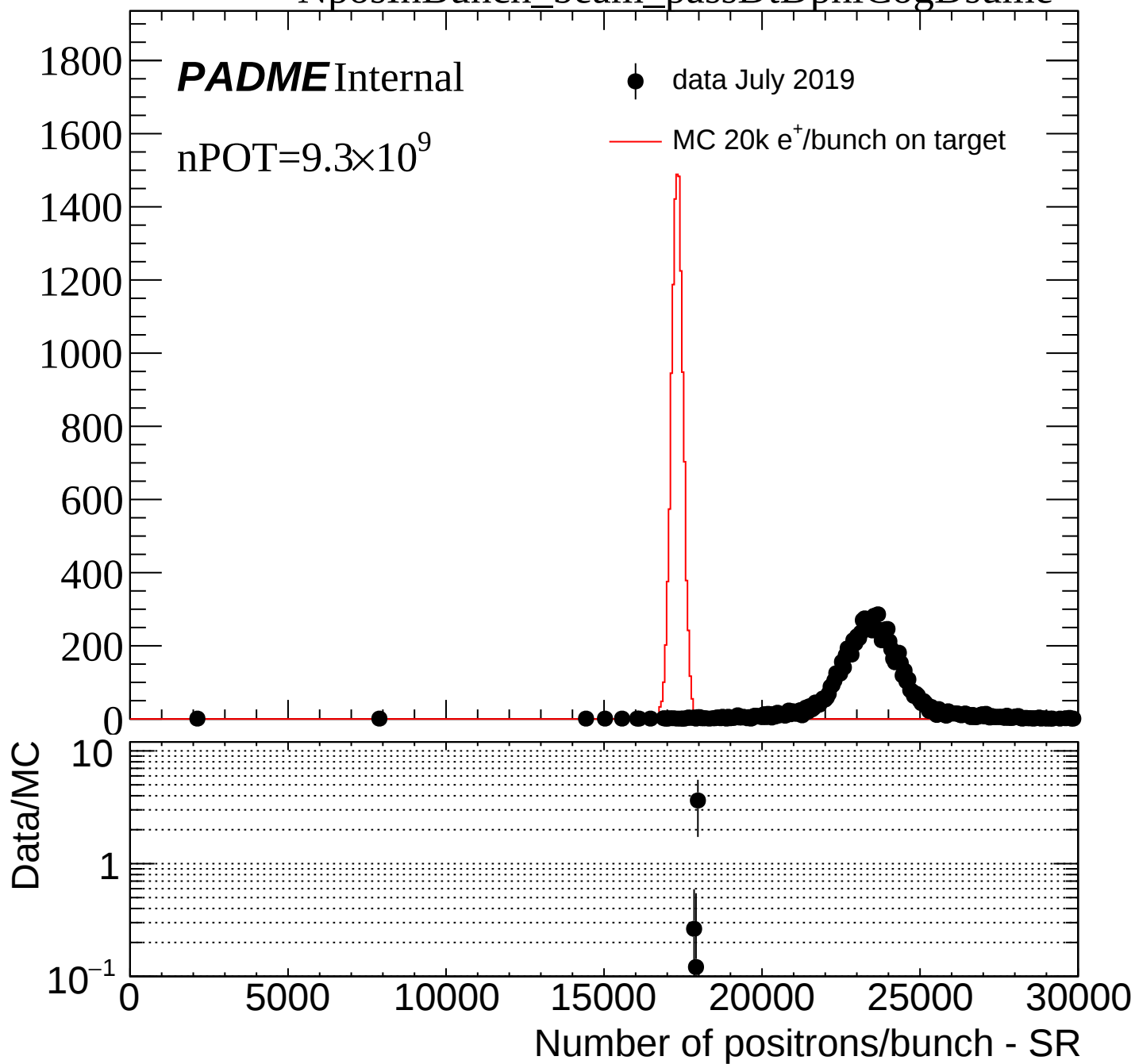
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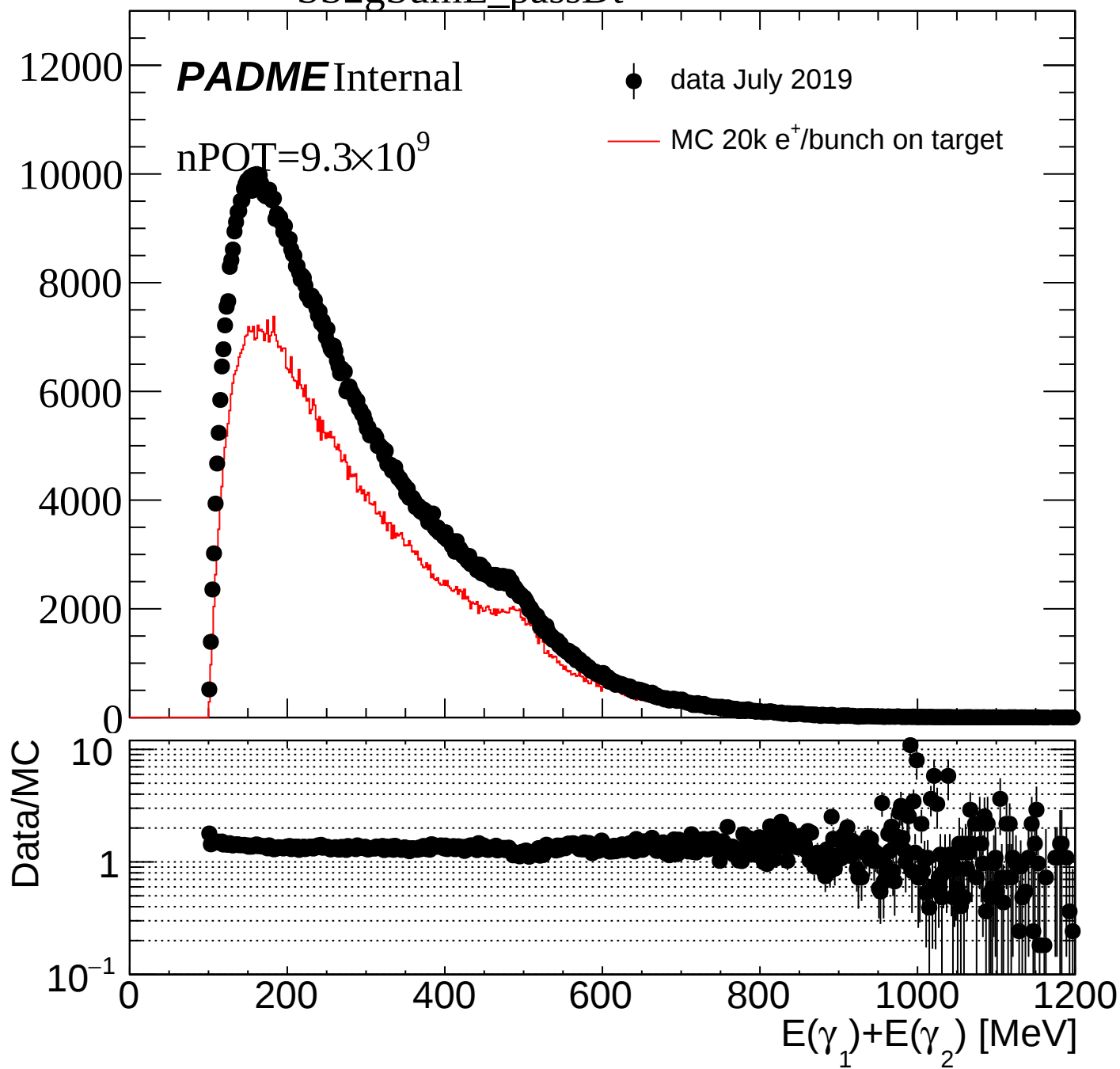


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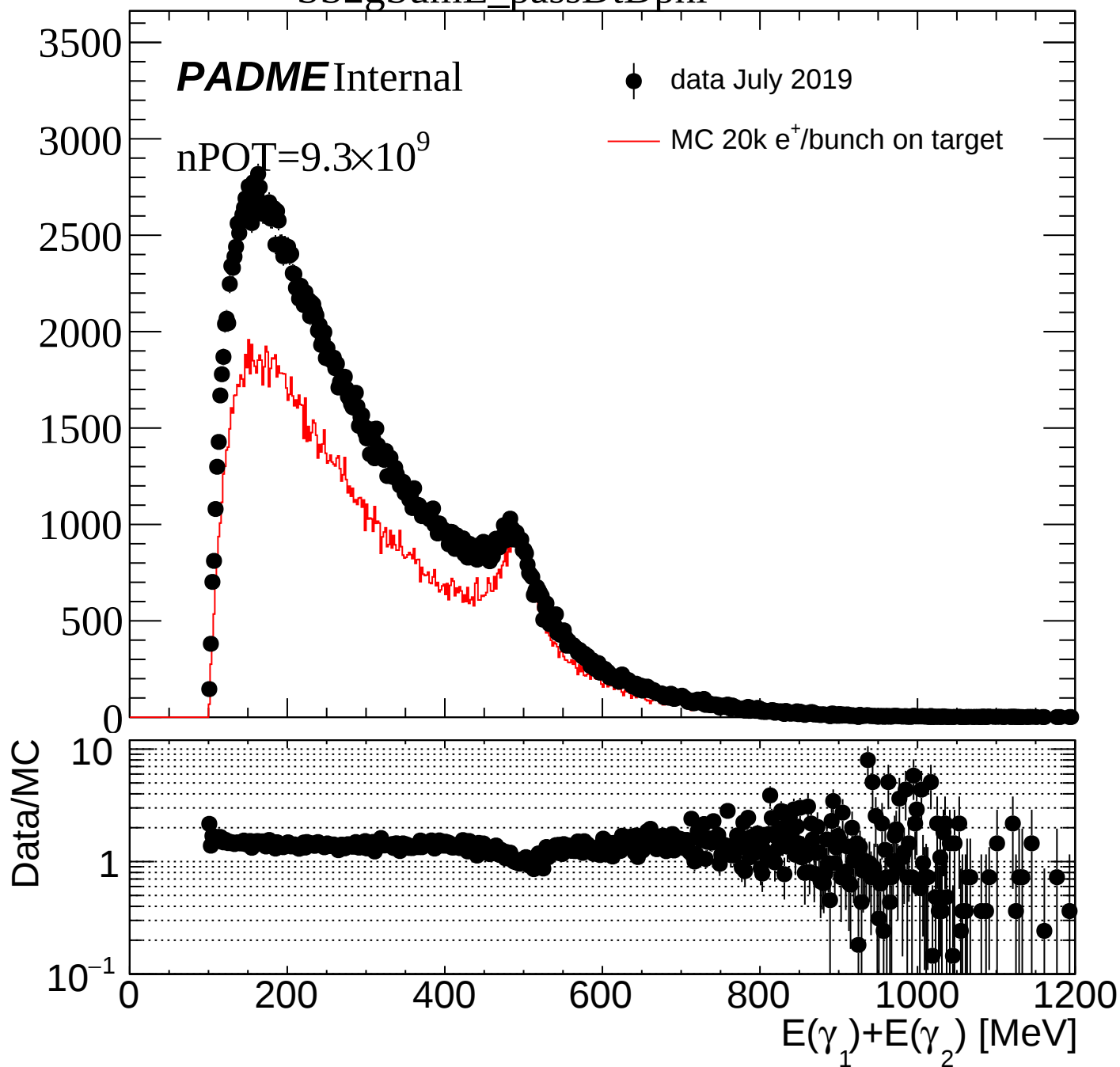




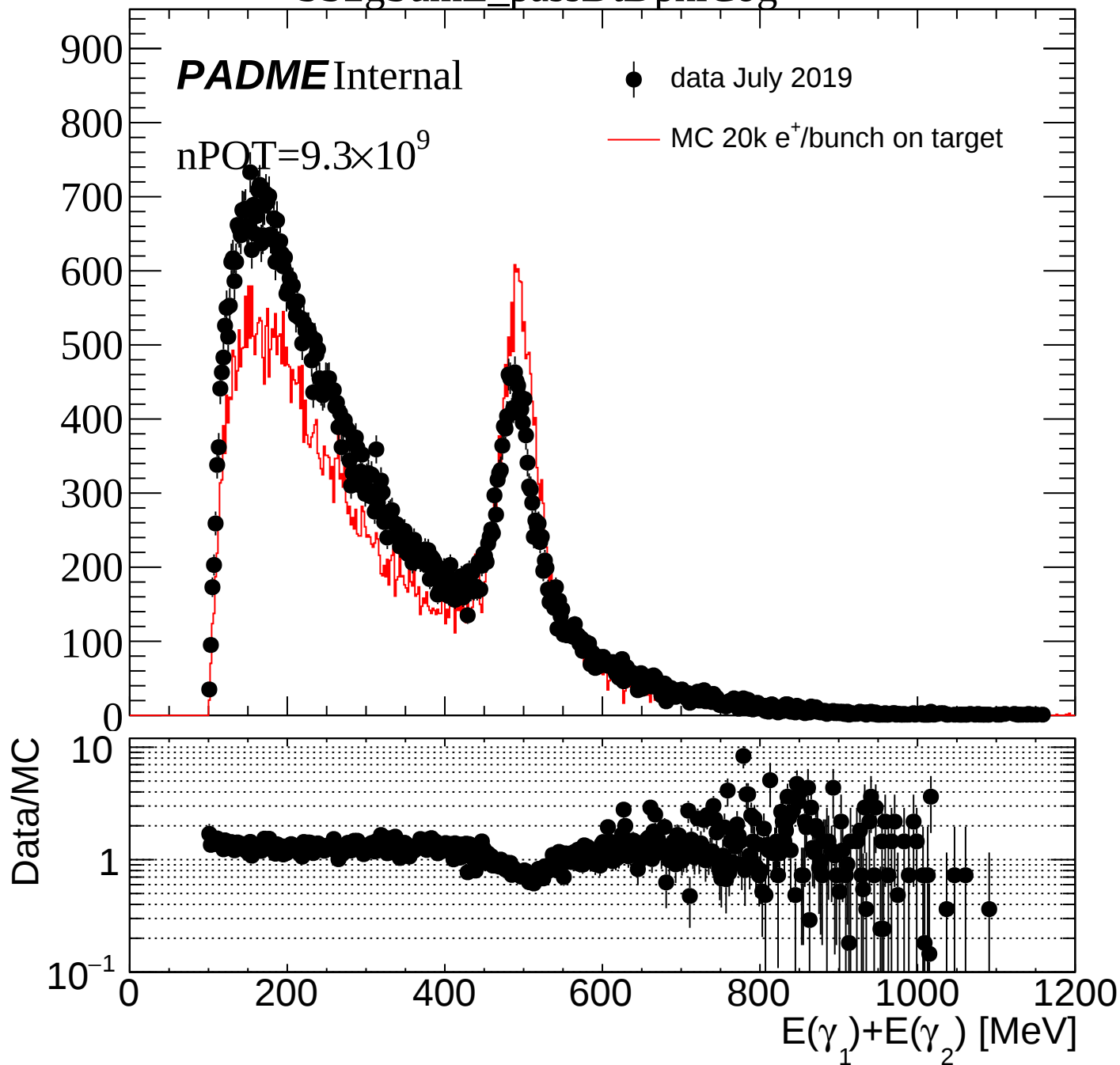
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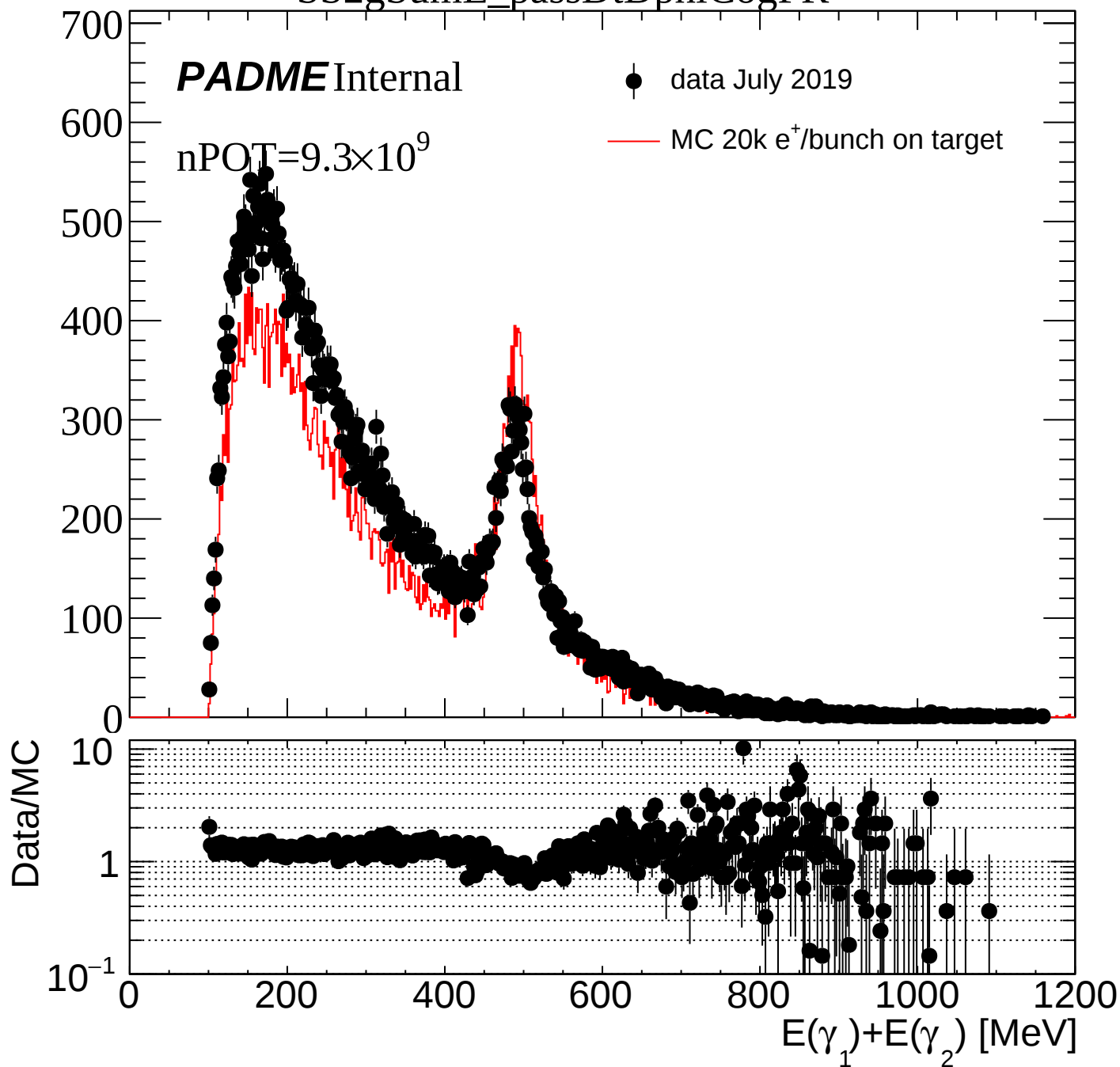
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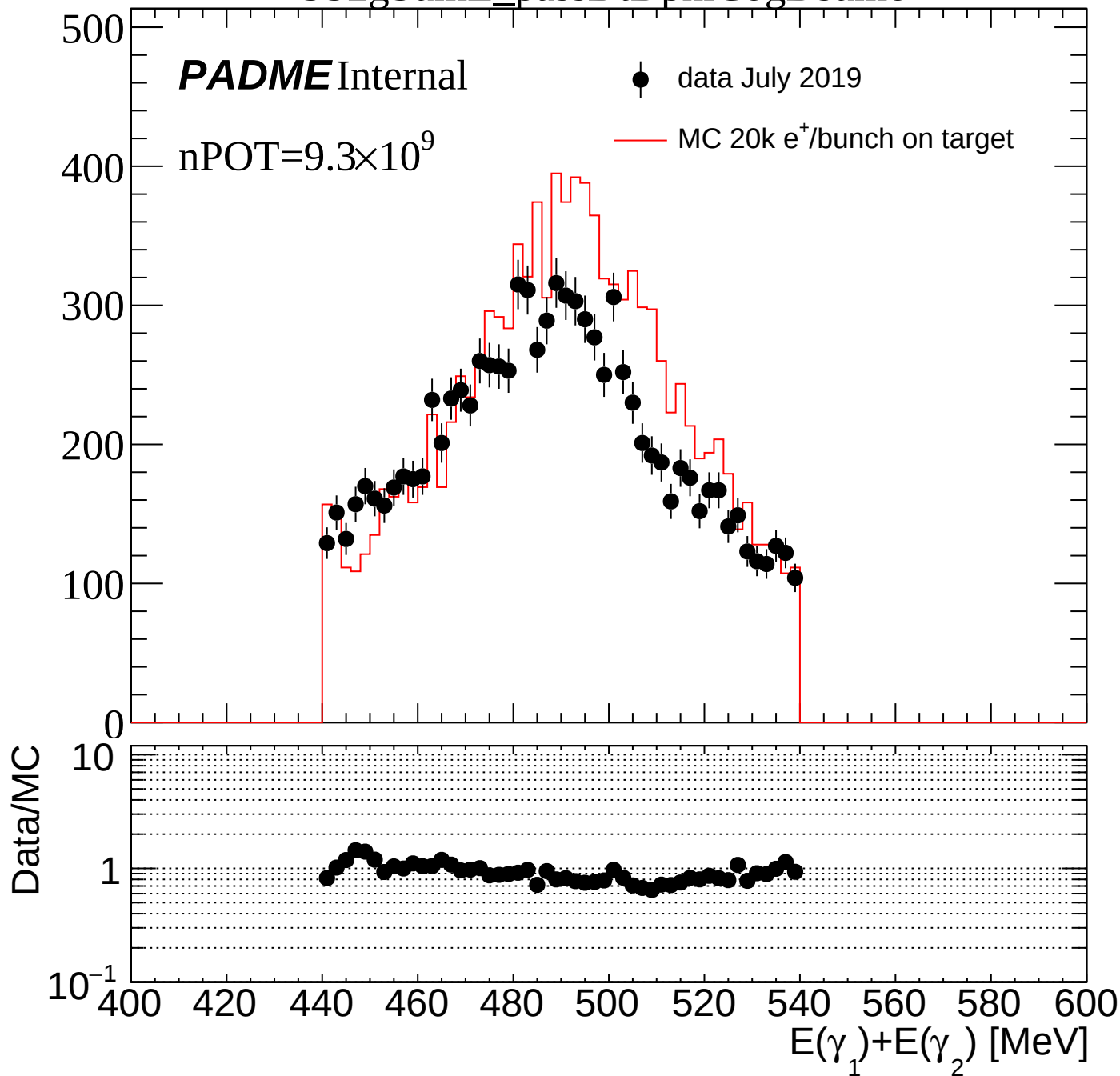
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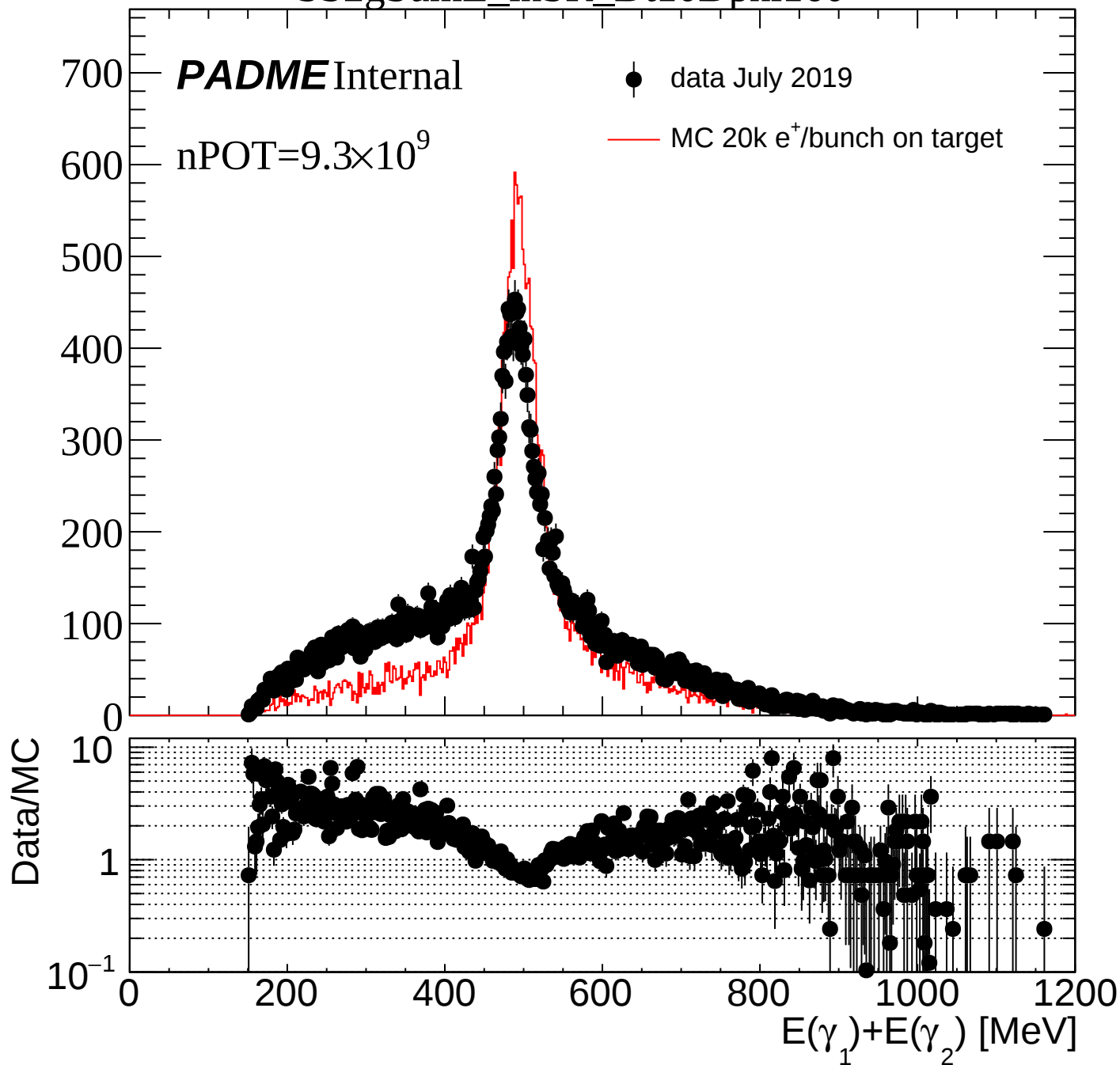
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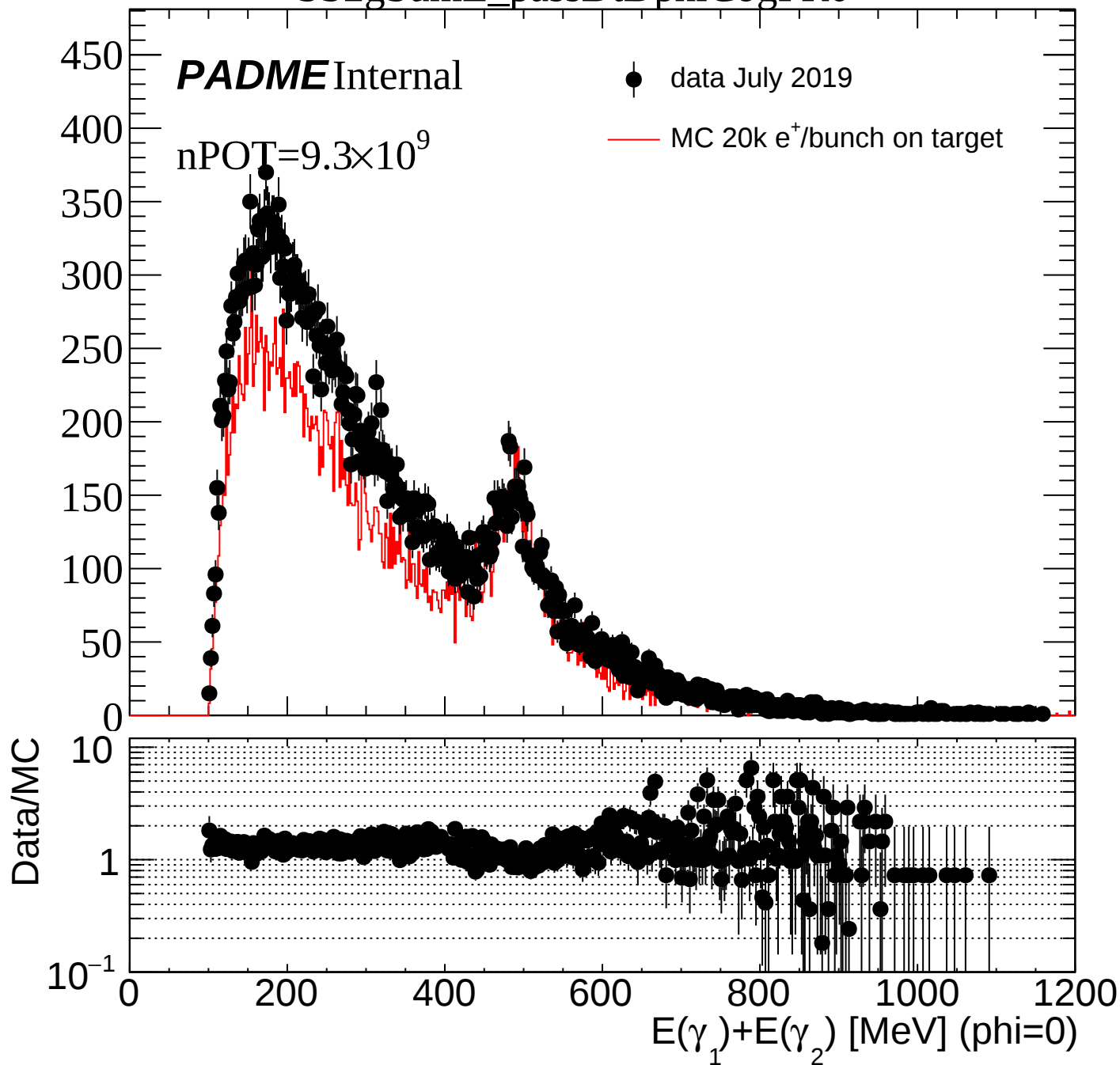
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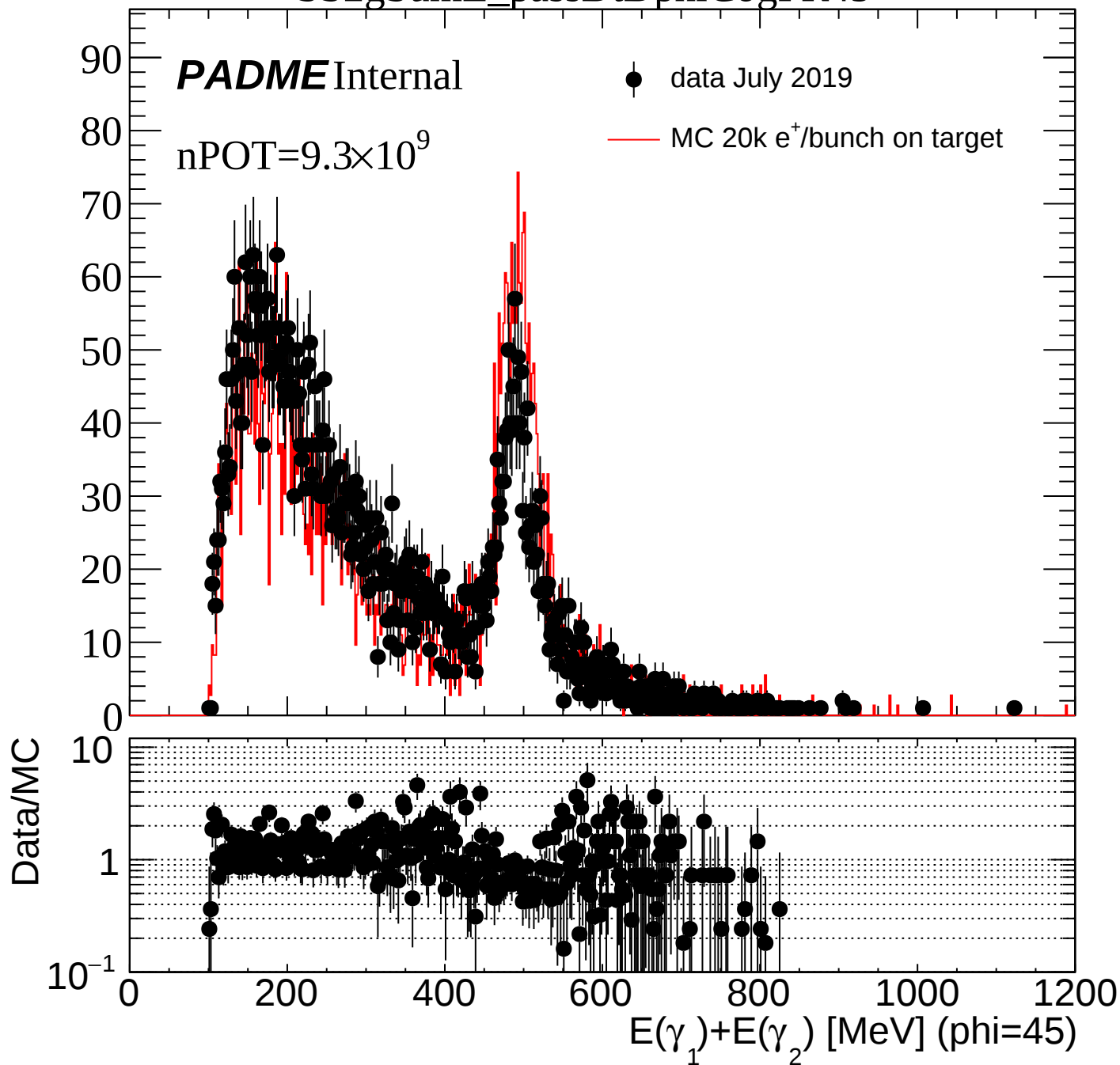
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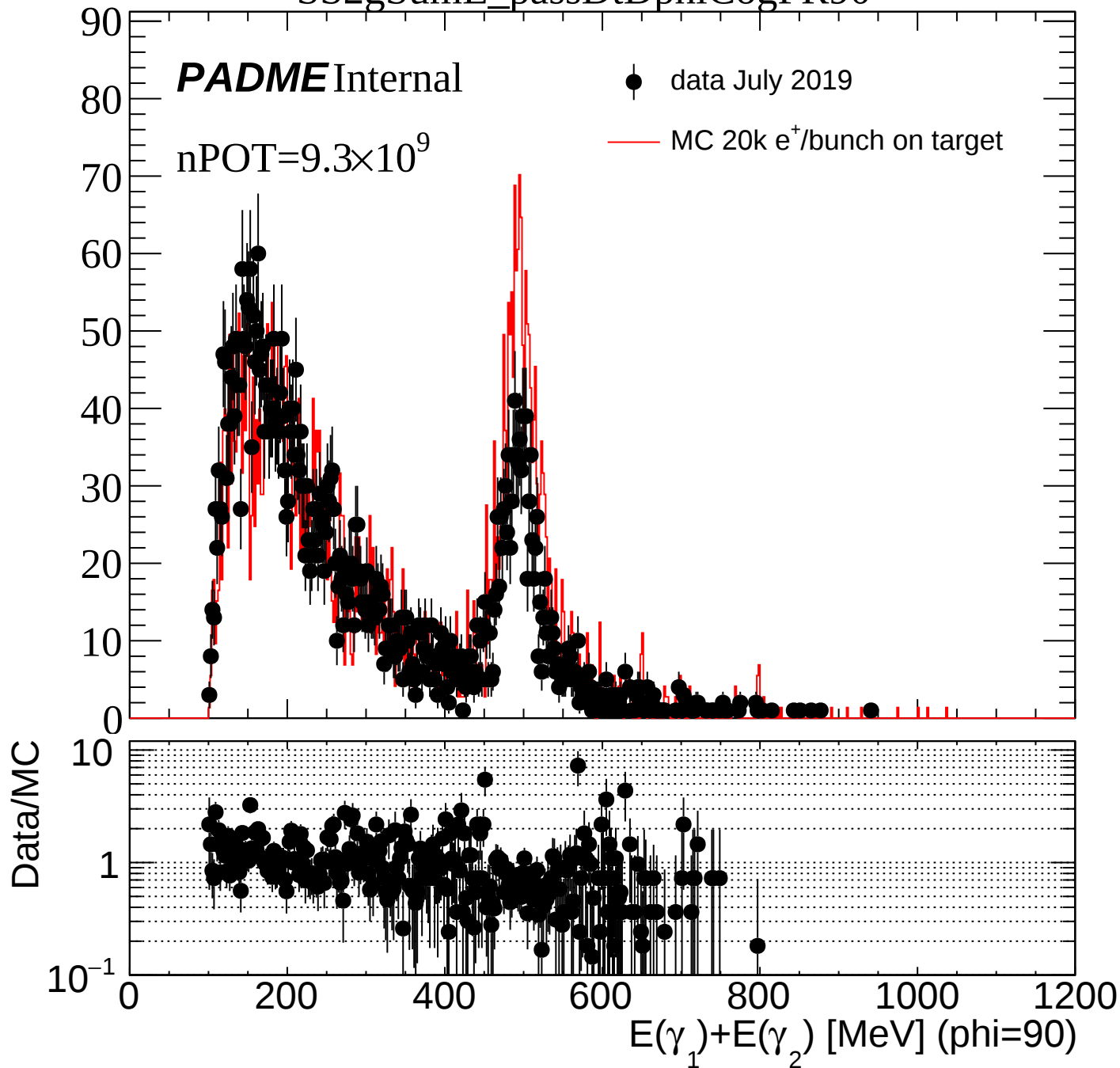
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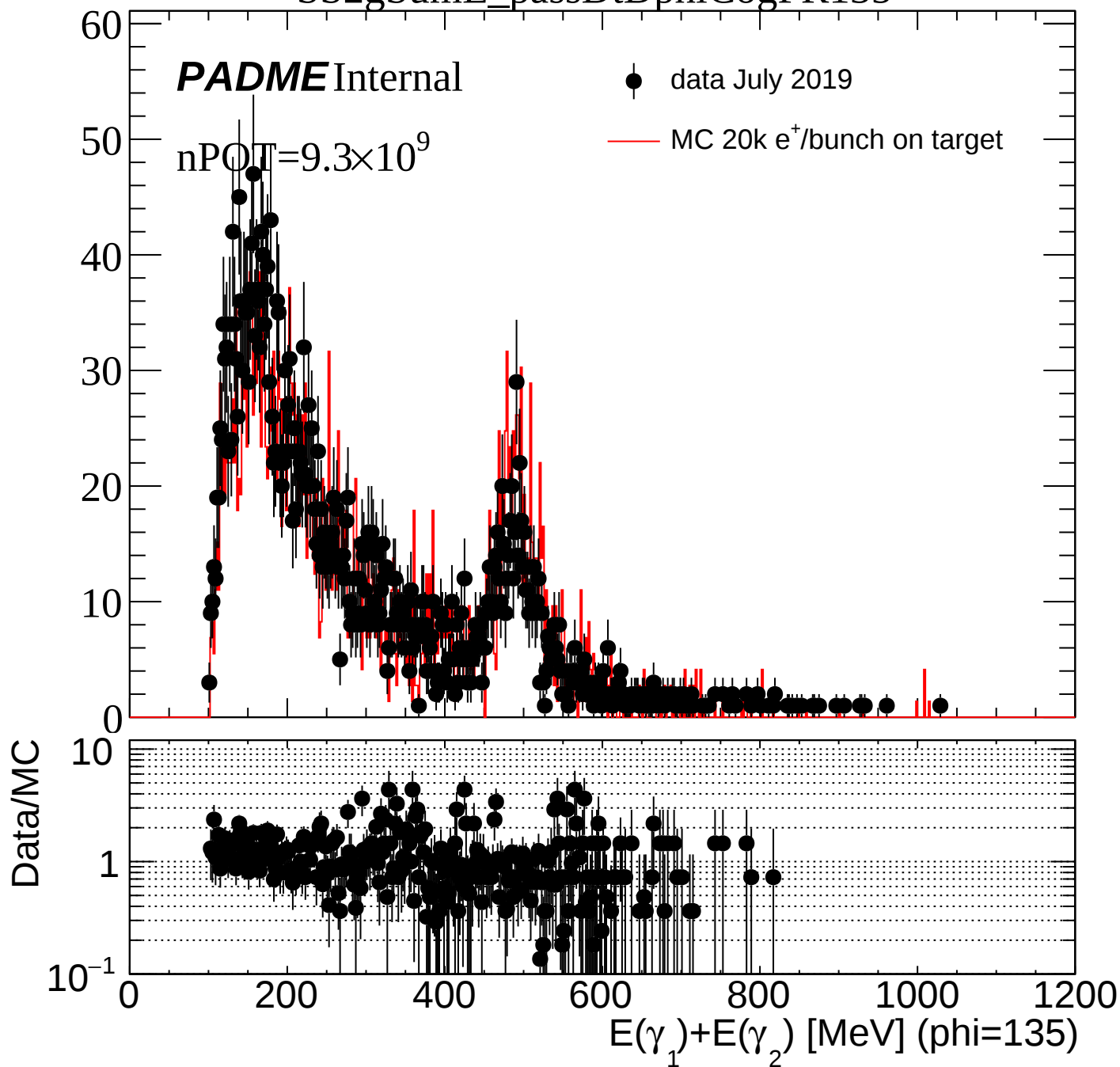
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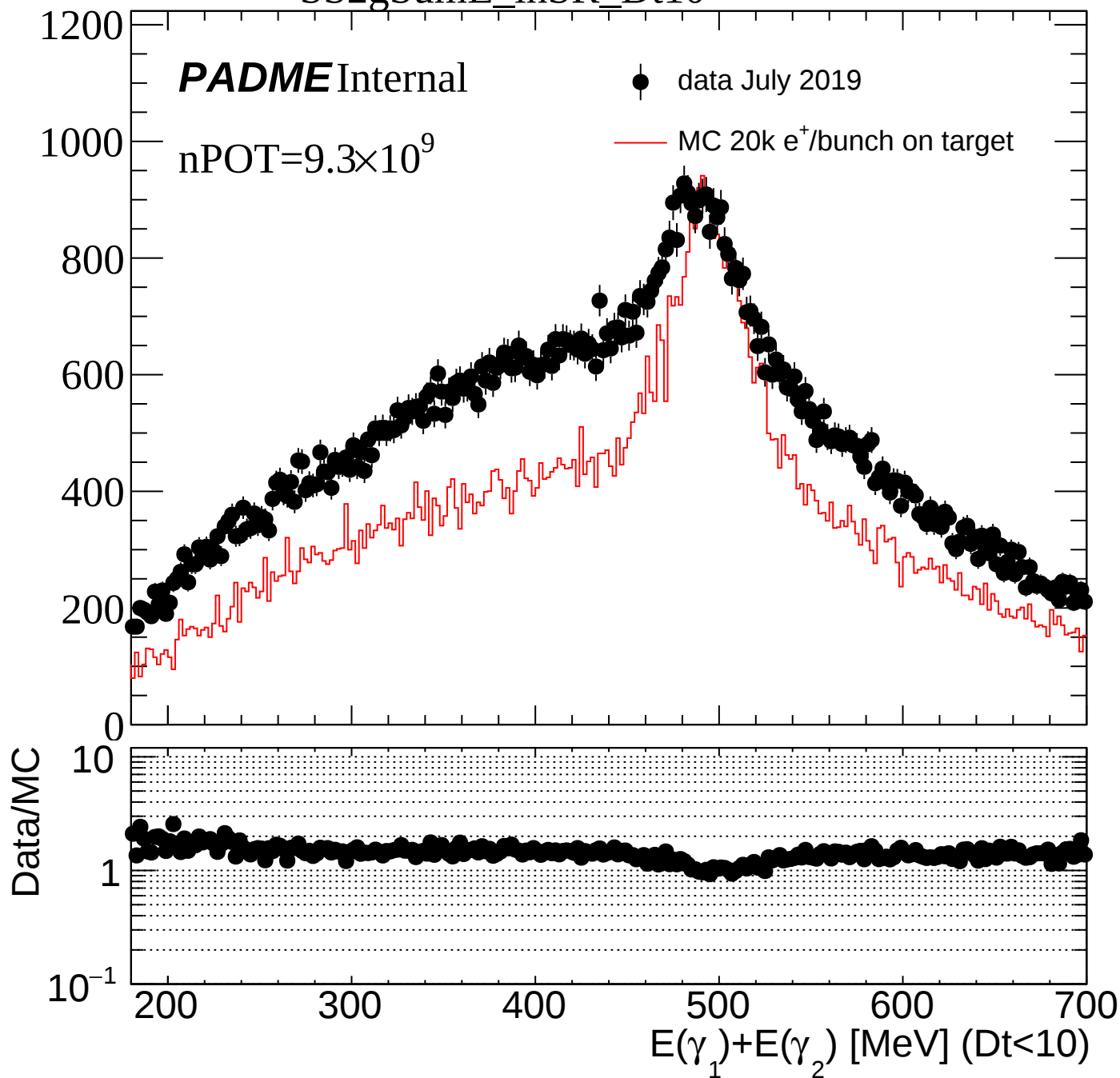
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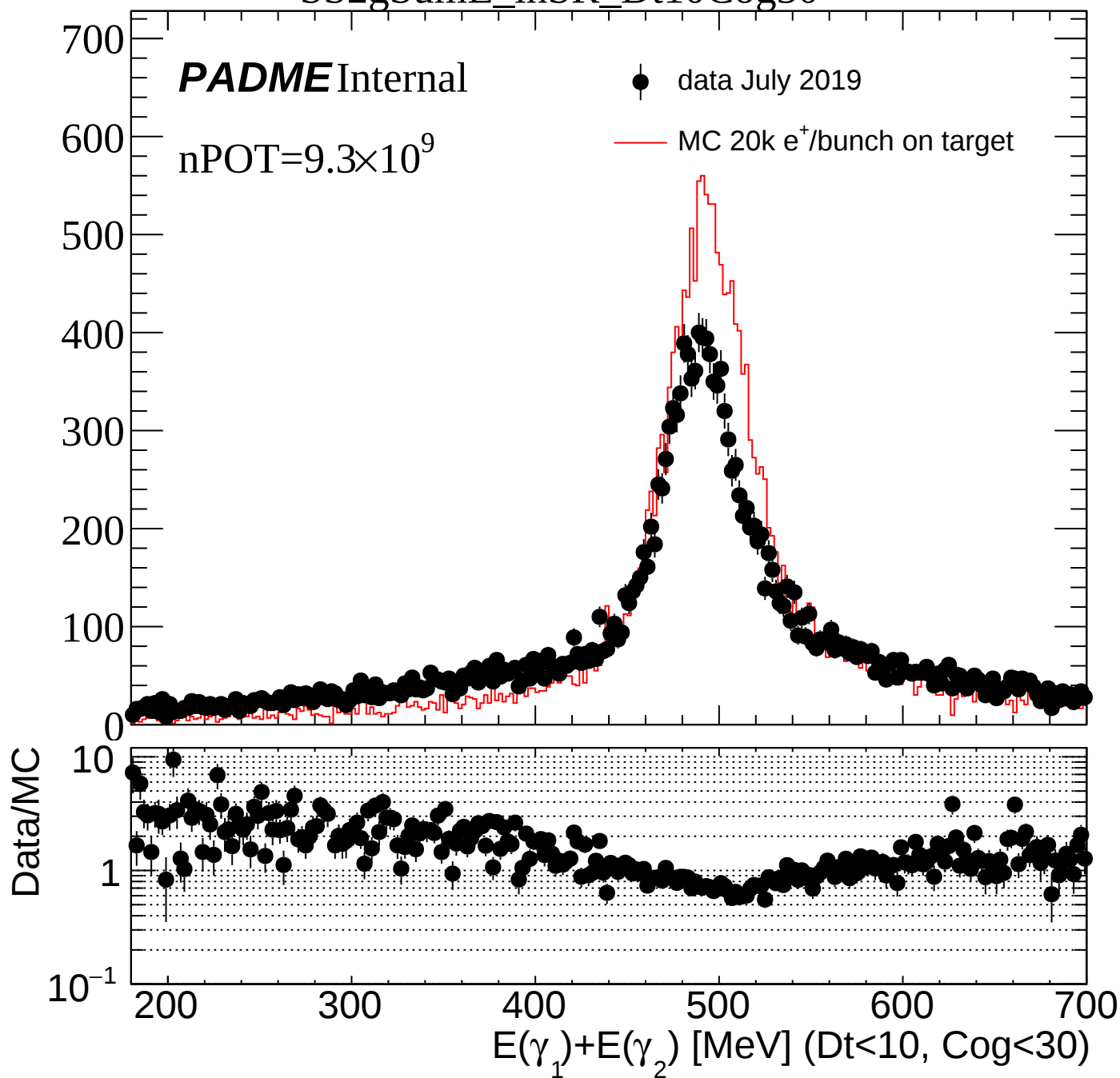
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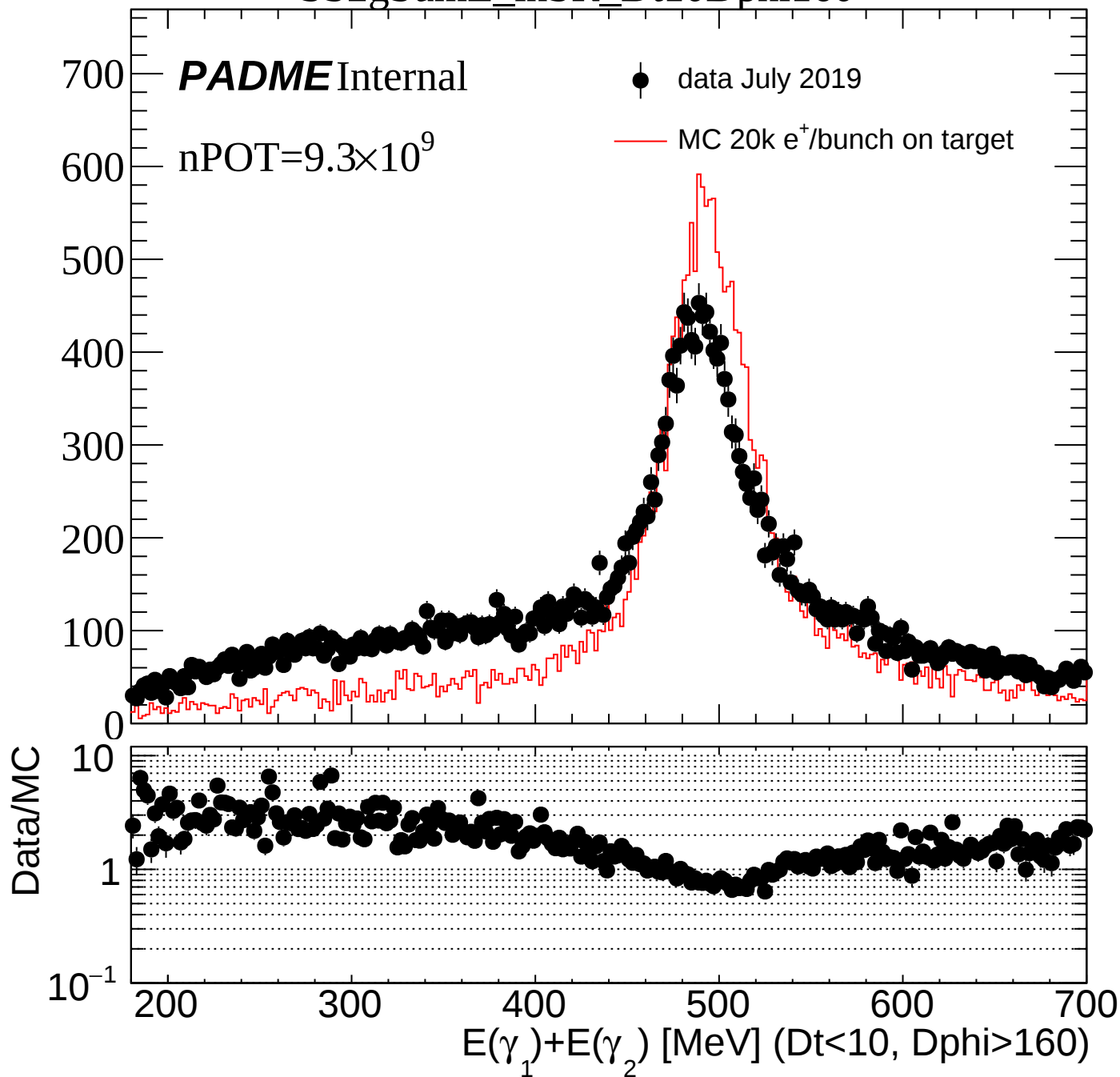
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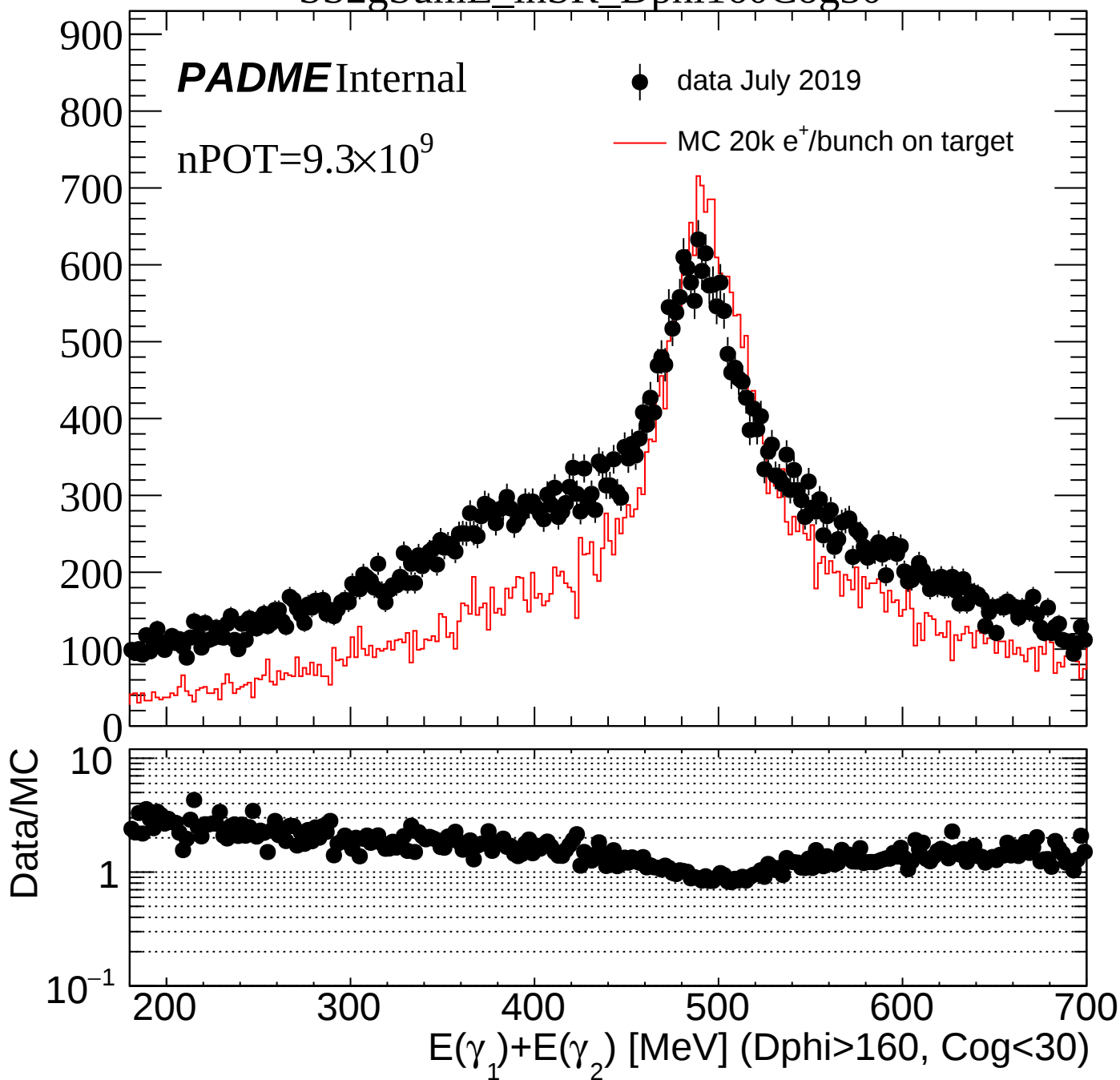
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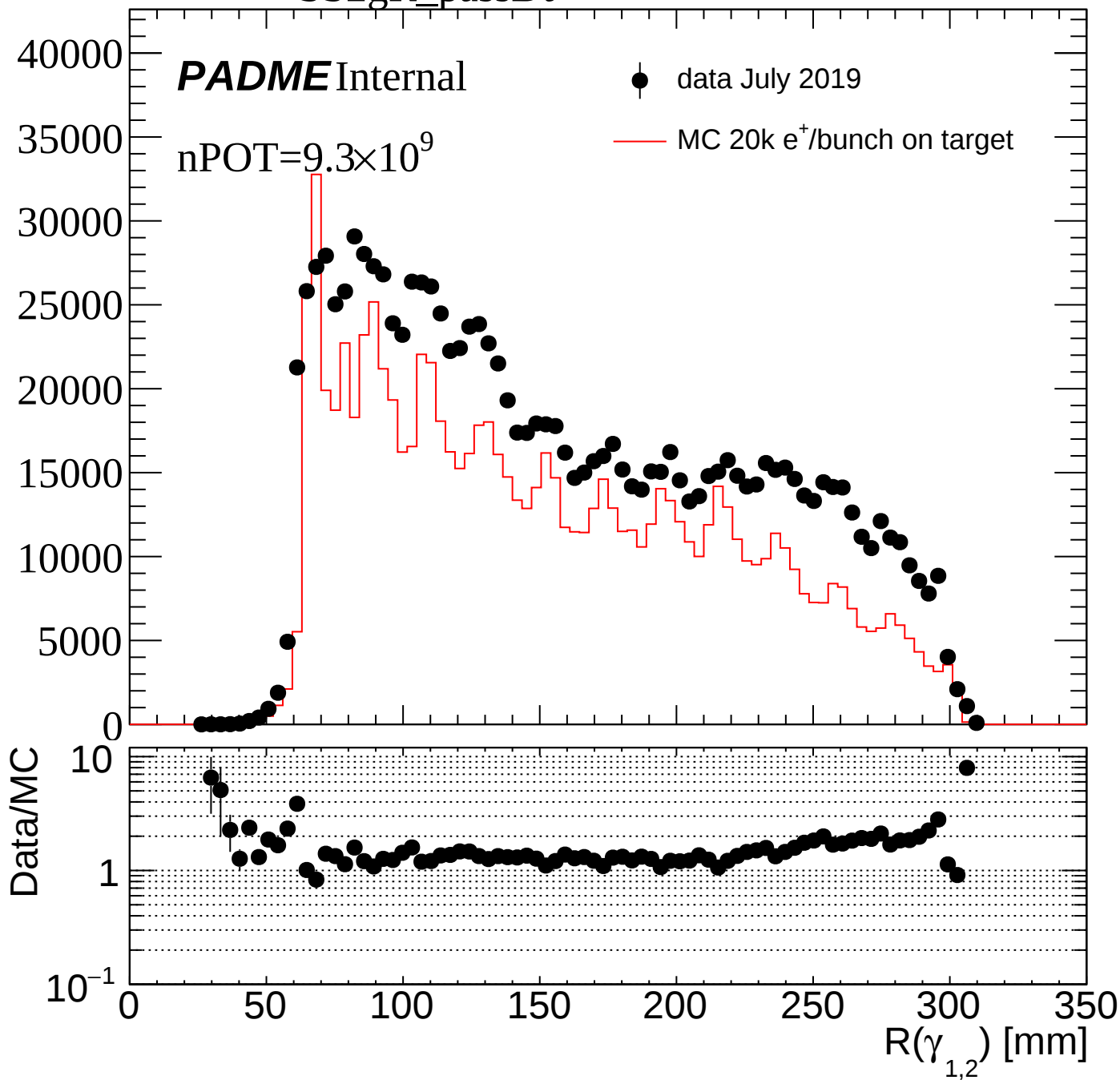
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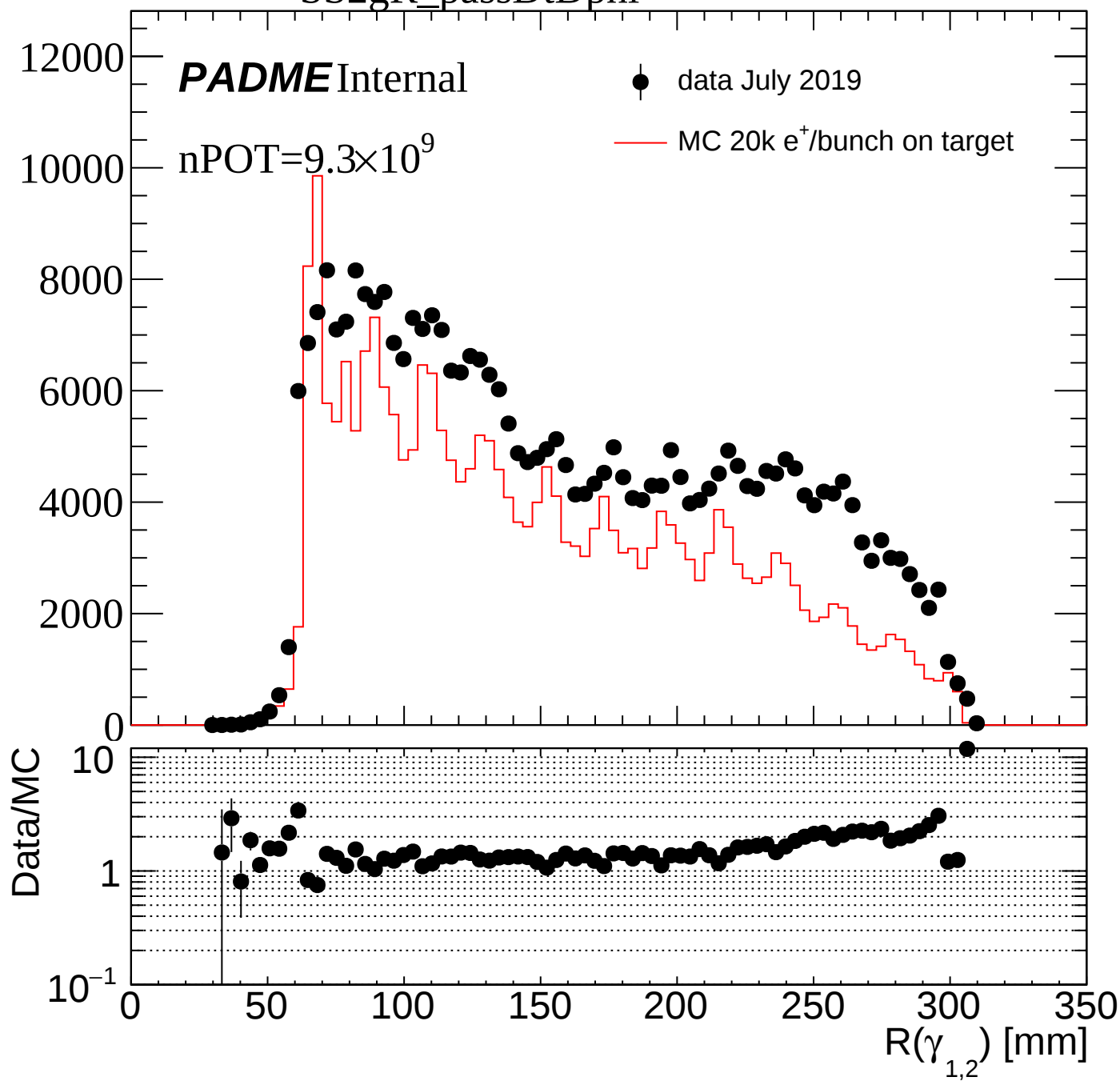
SS2gSumE_inSR_Dphi160Cog30



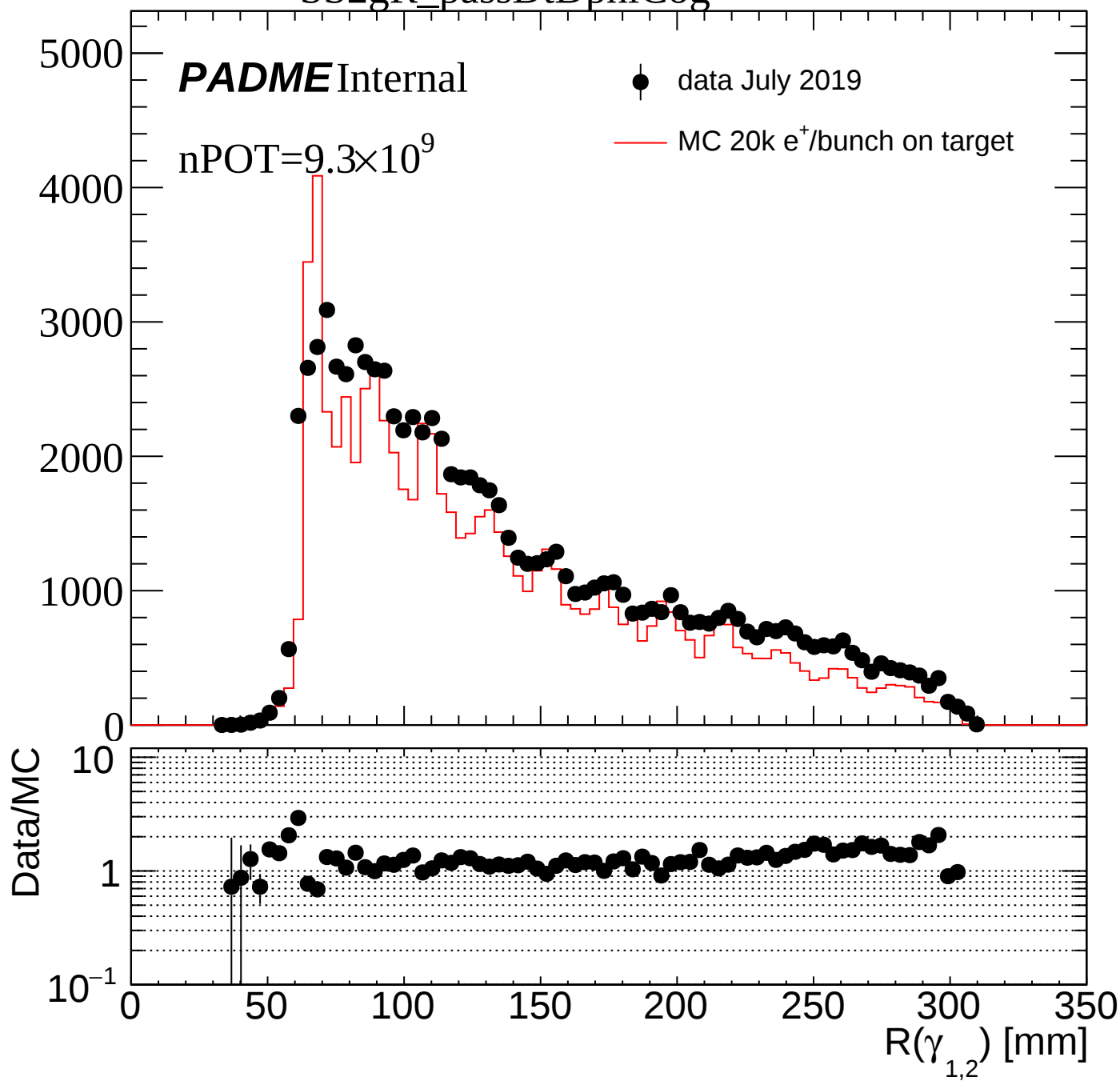
SS2gR_passDt



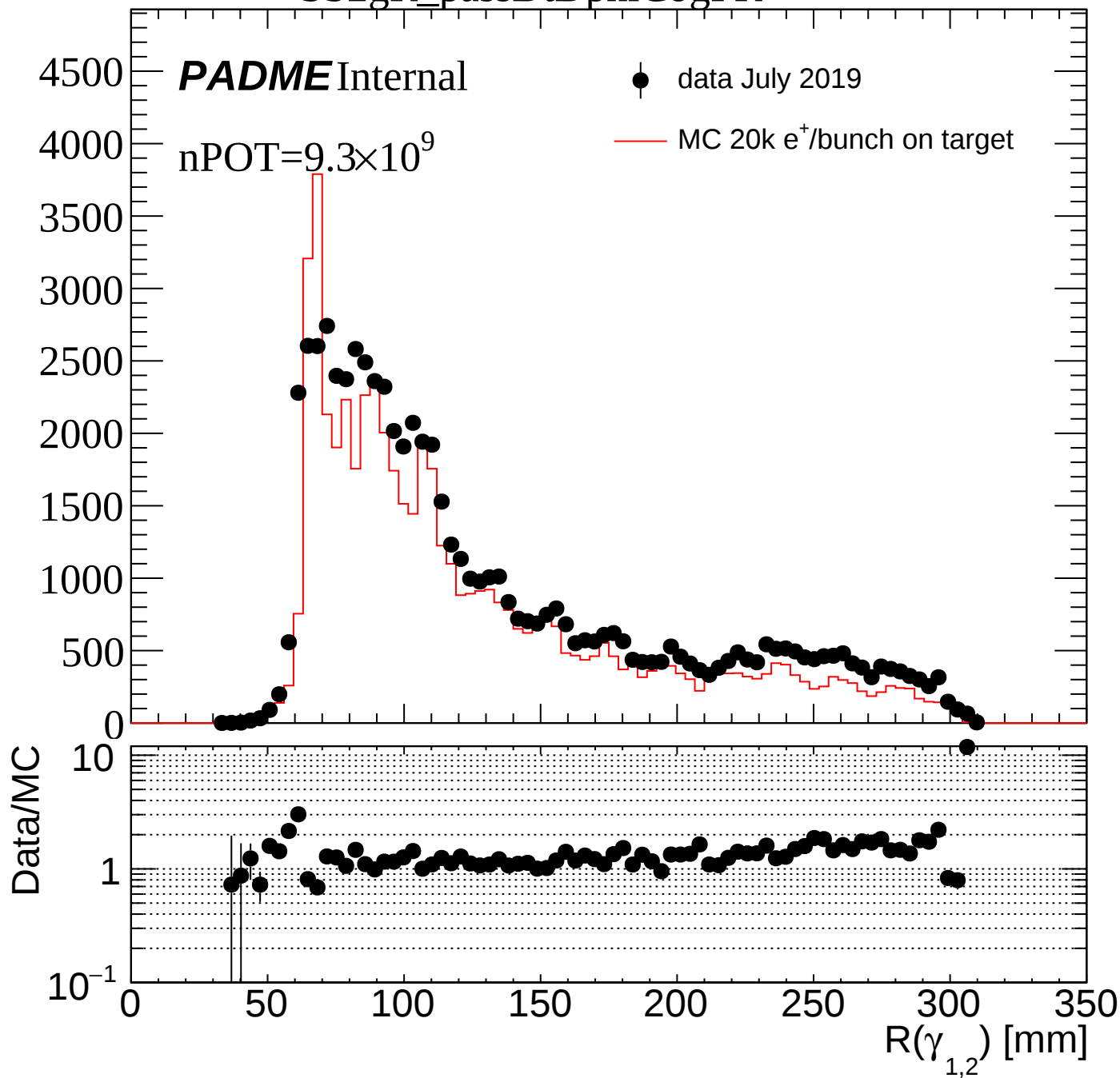
SS2gR_passDtDphi



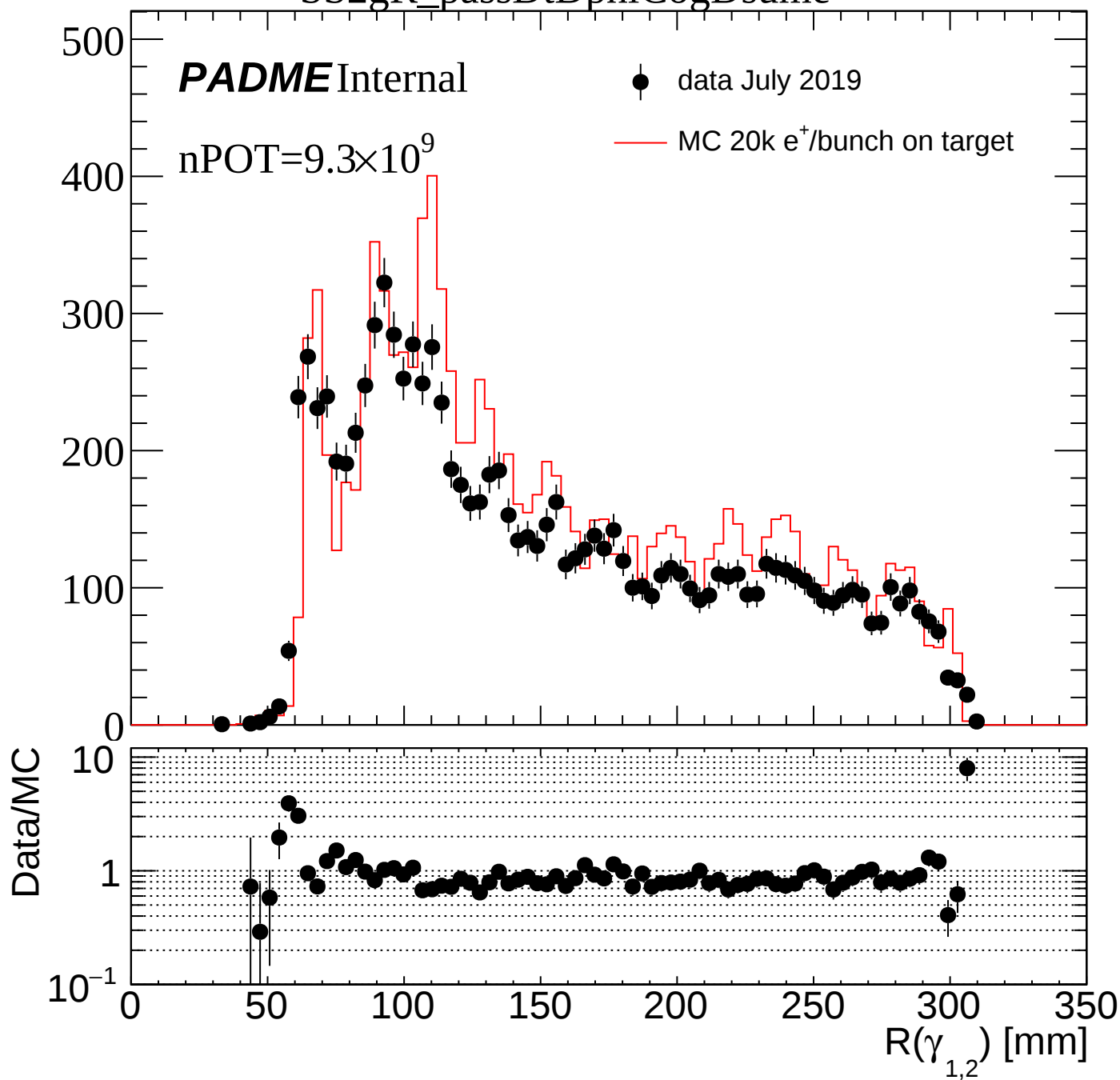
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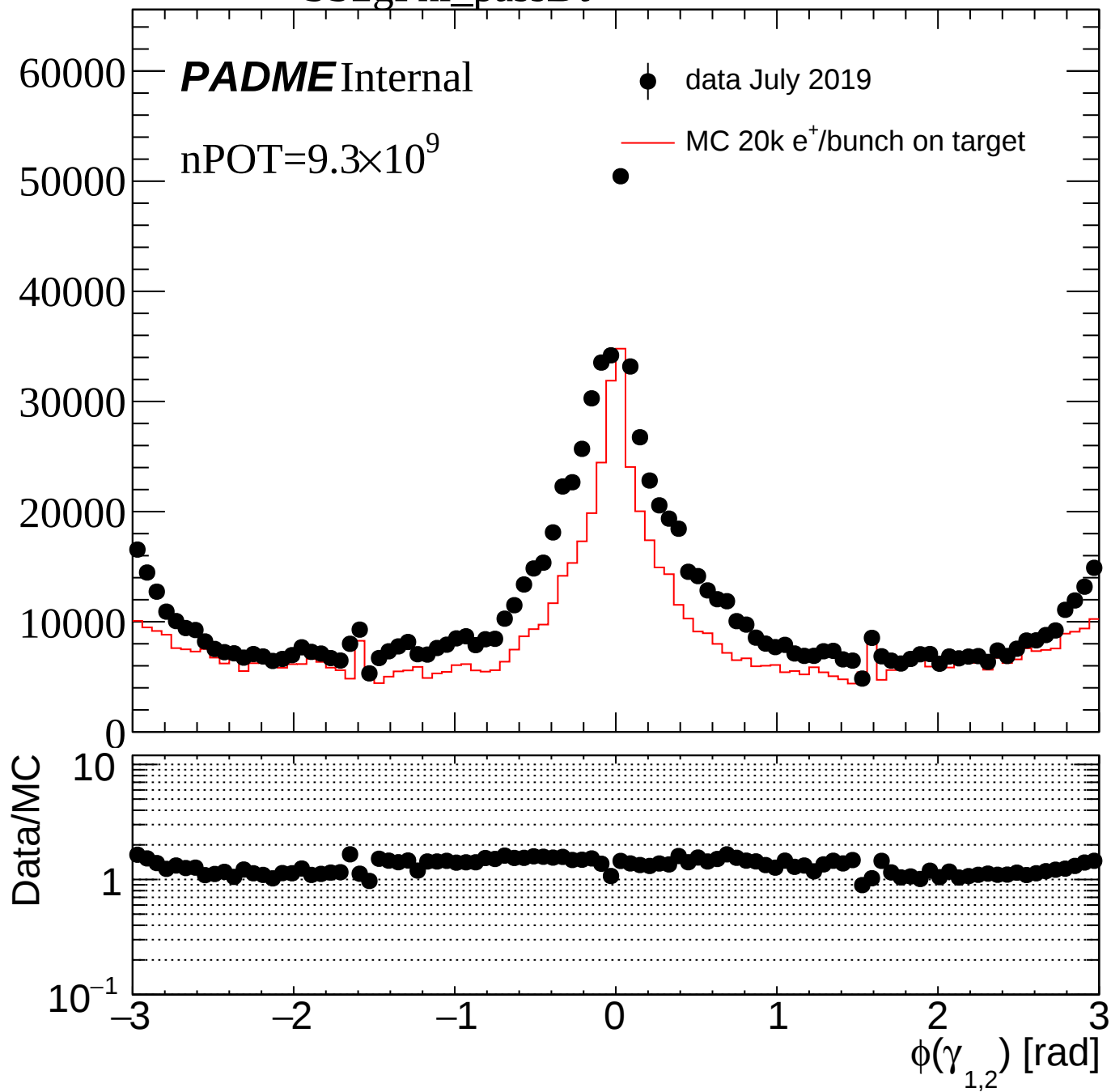
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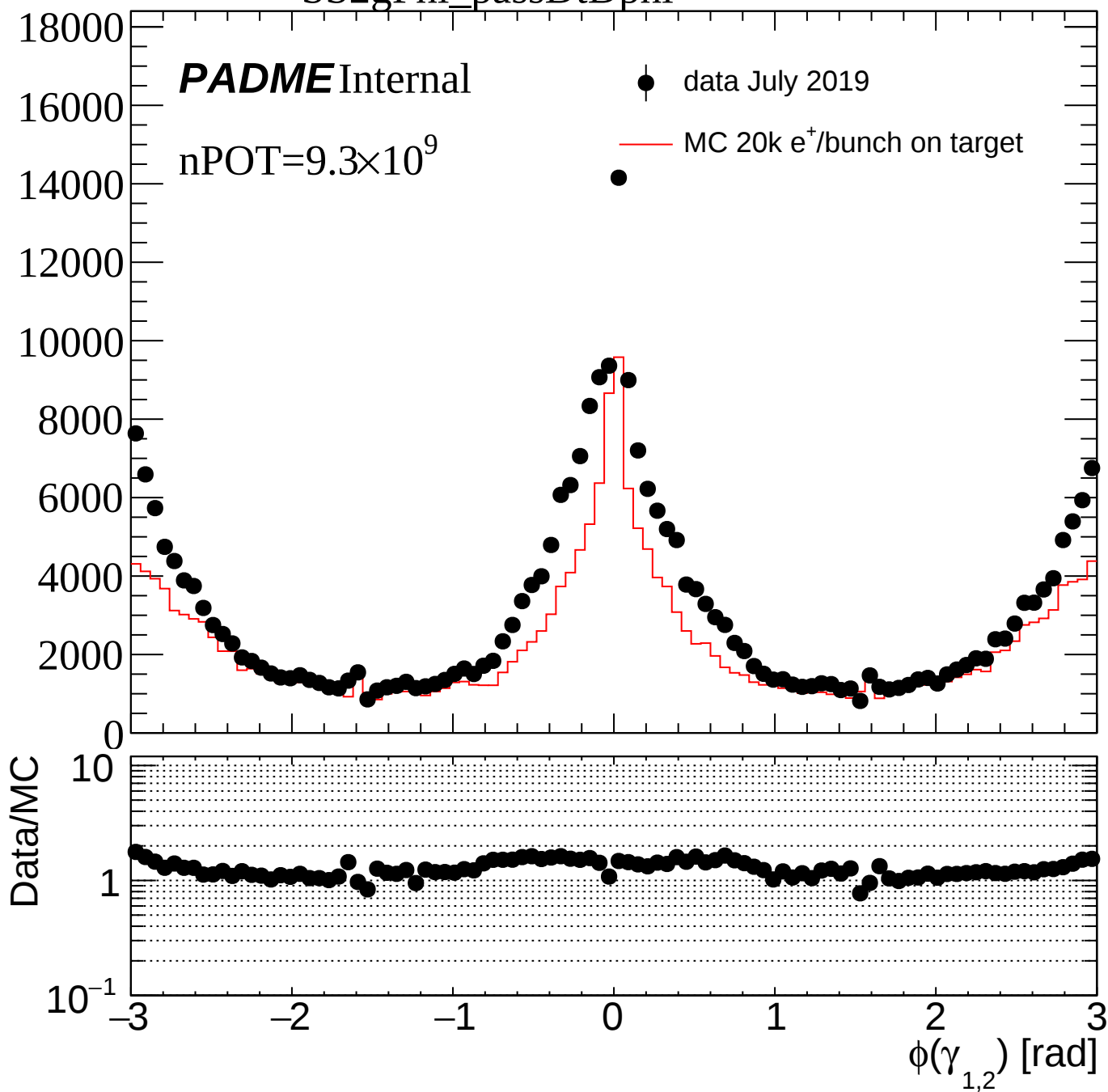
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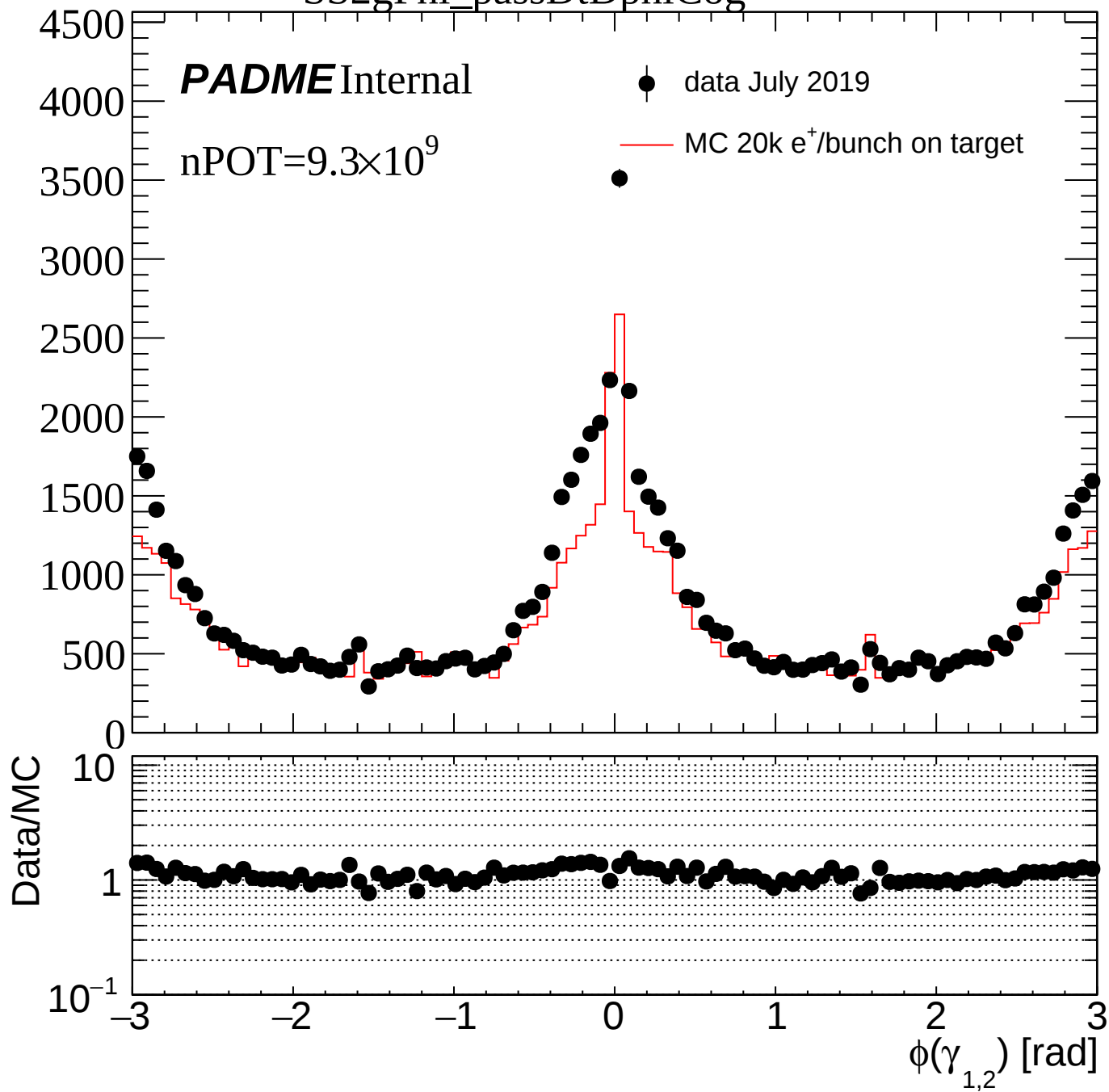
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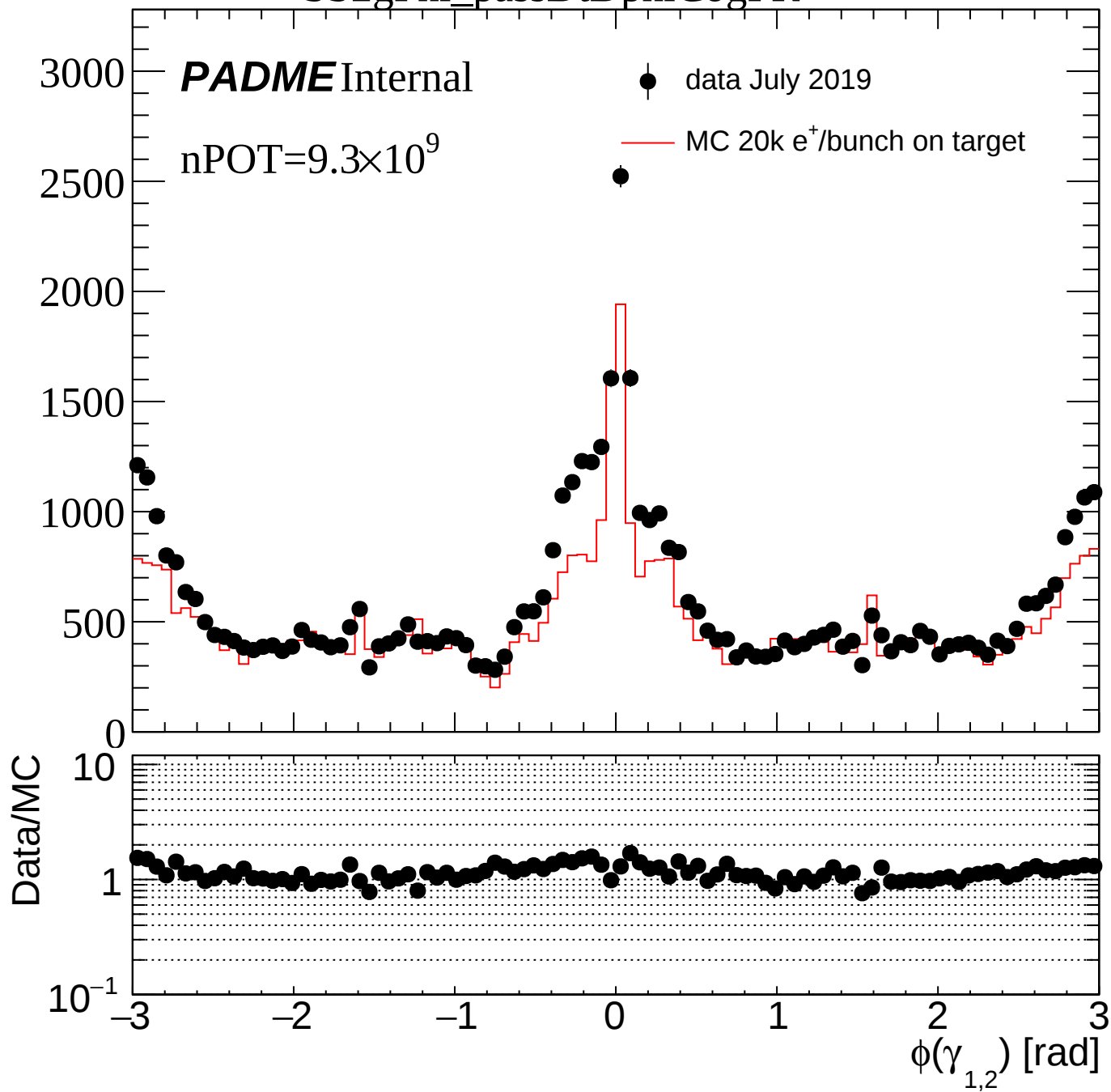
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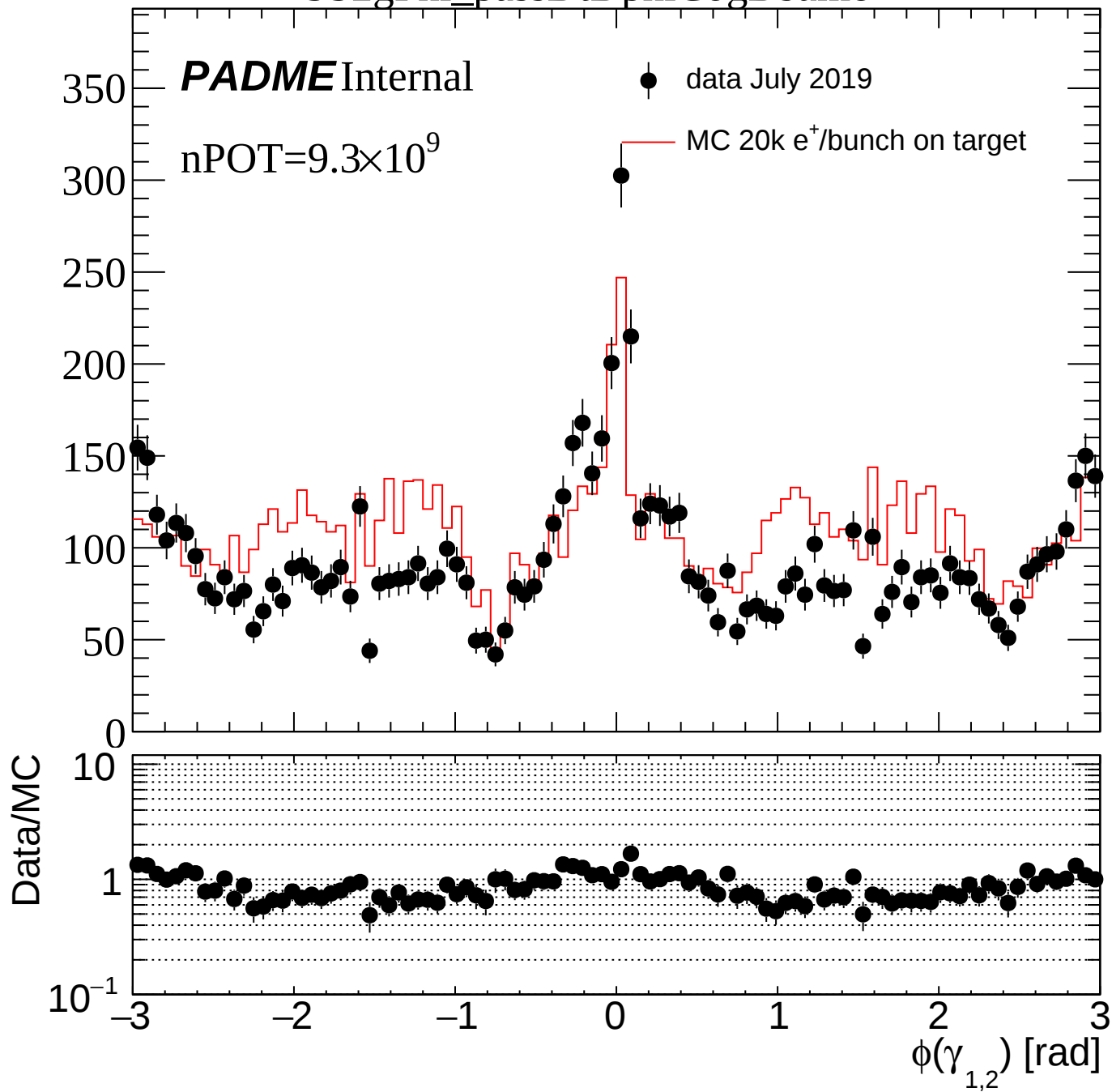
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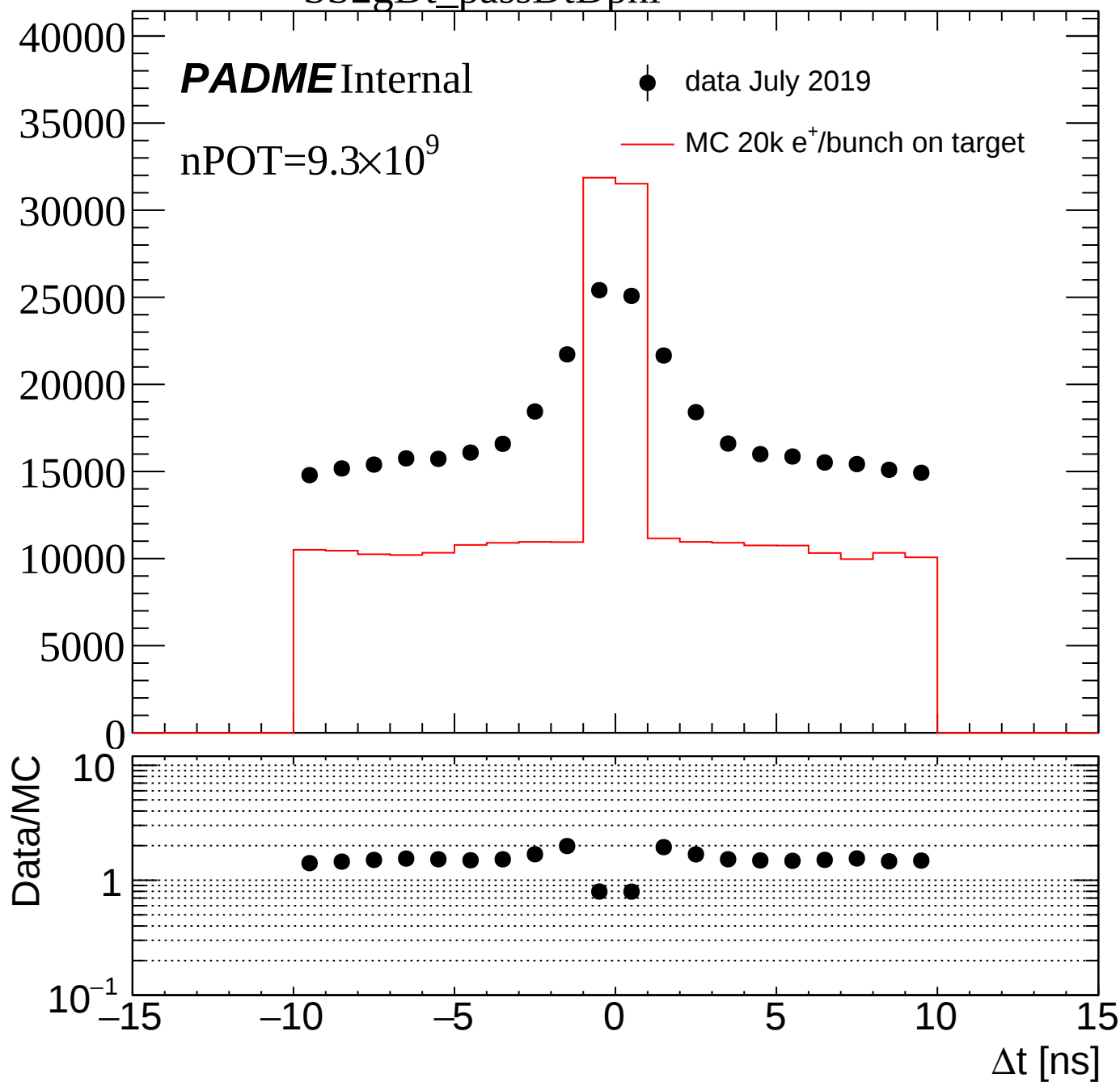
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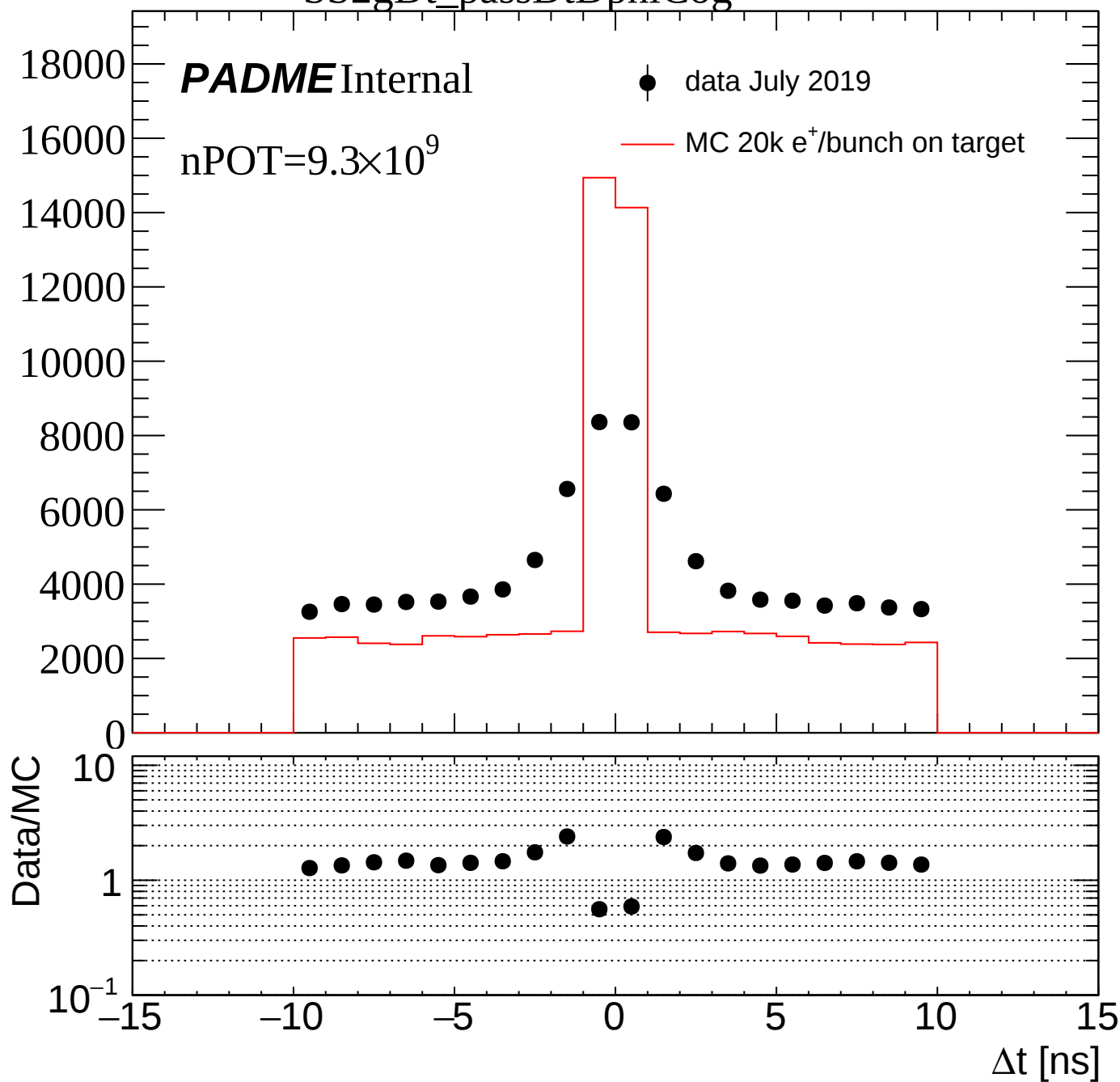
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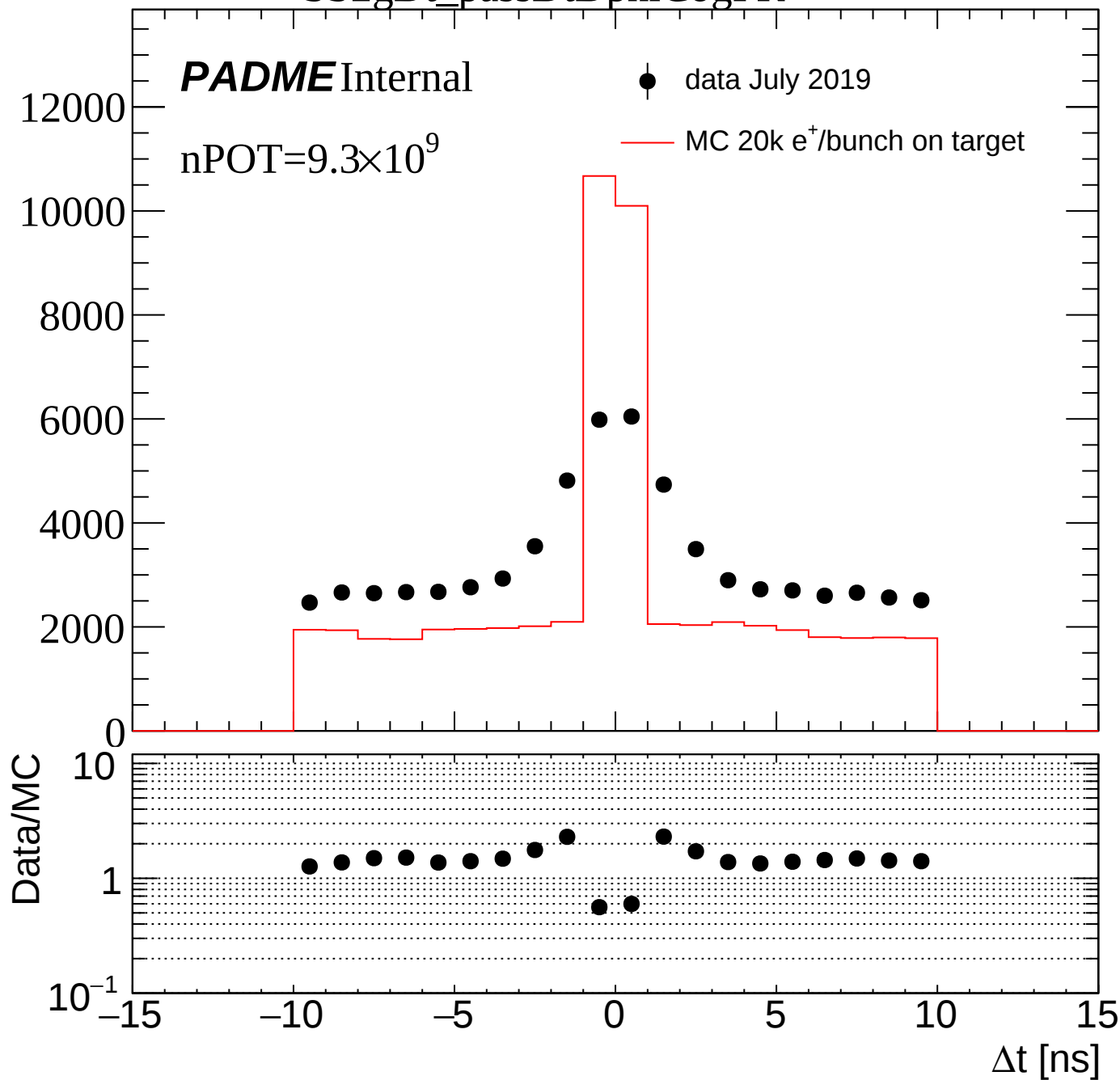
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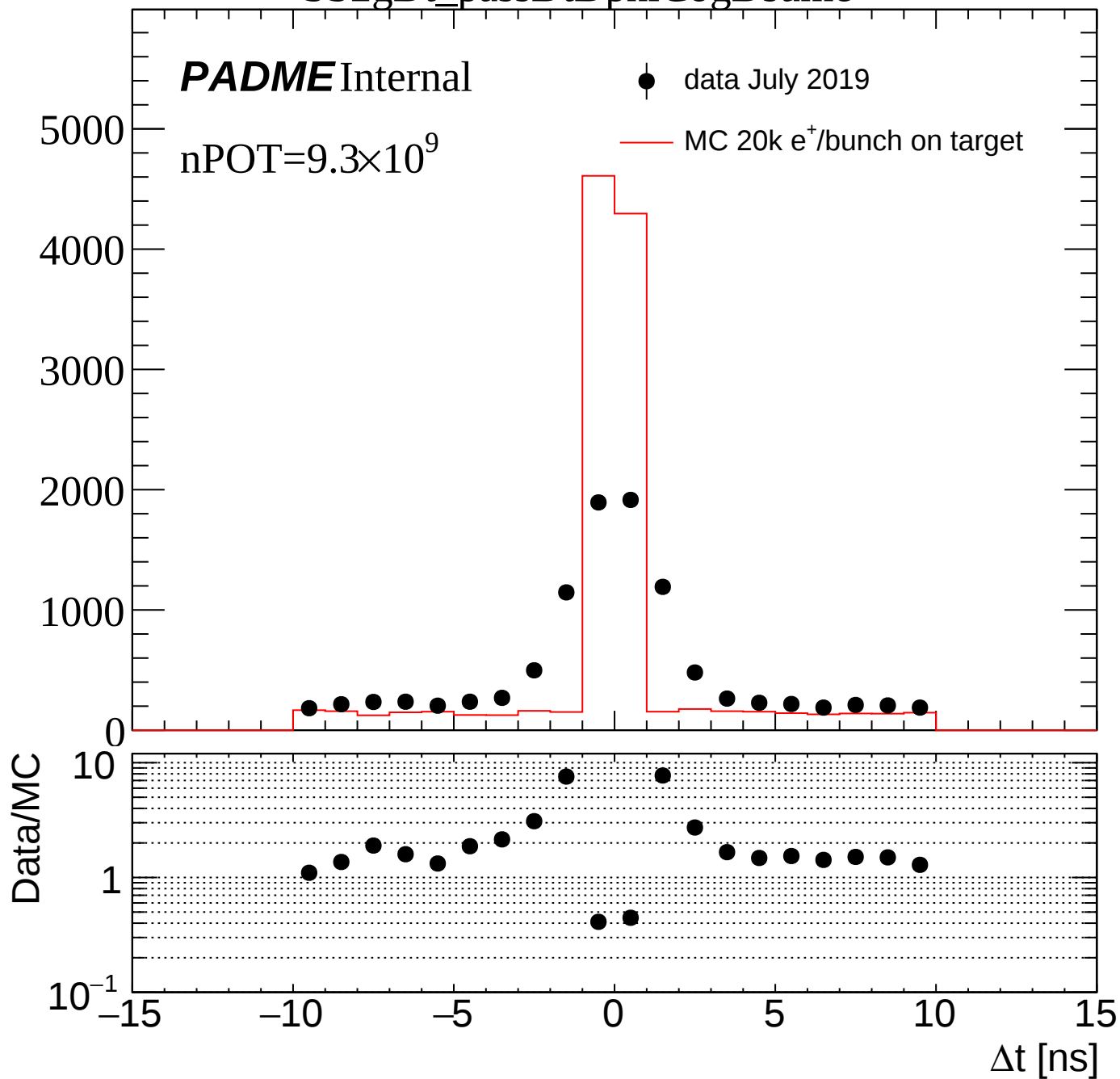
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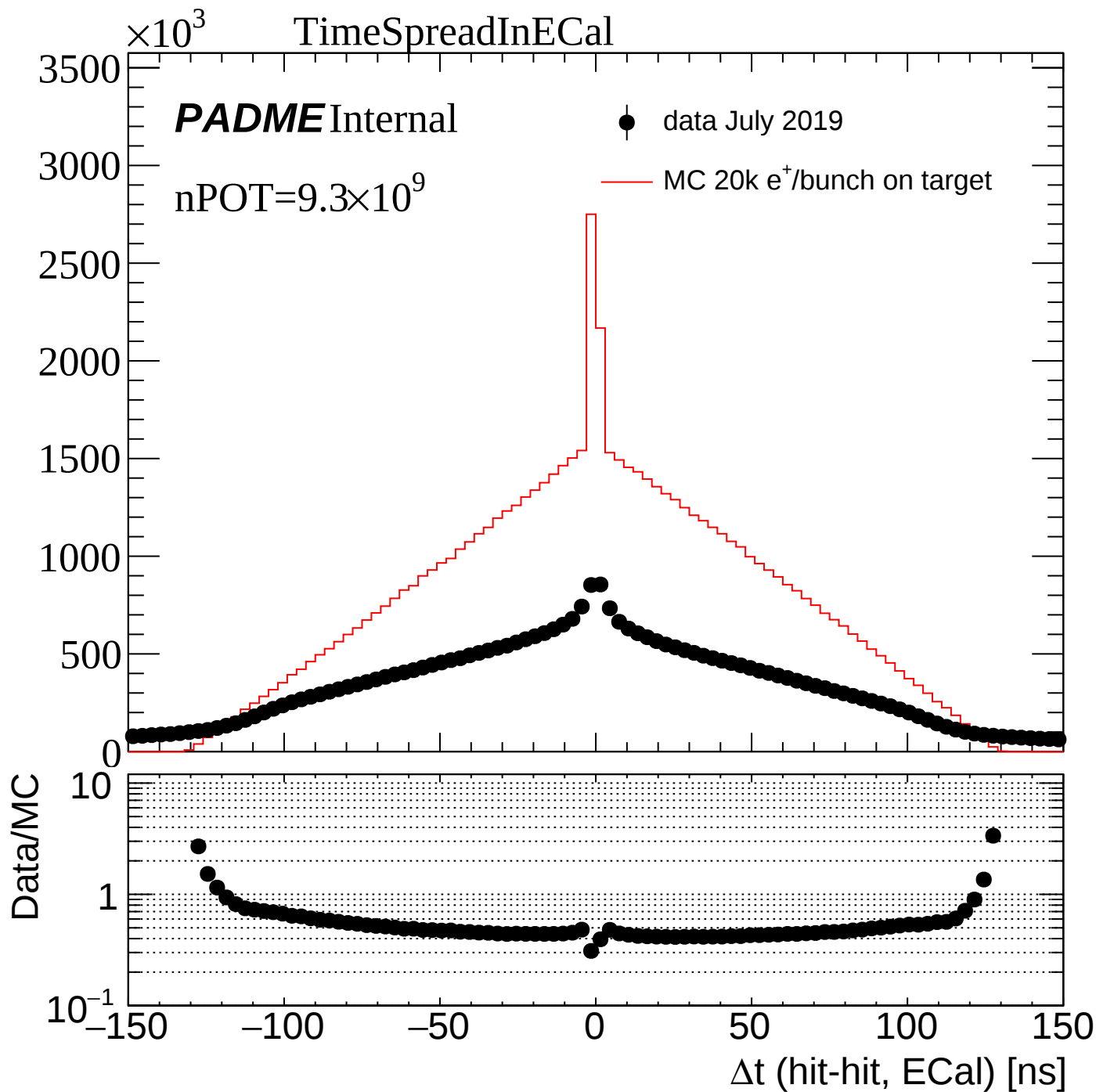


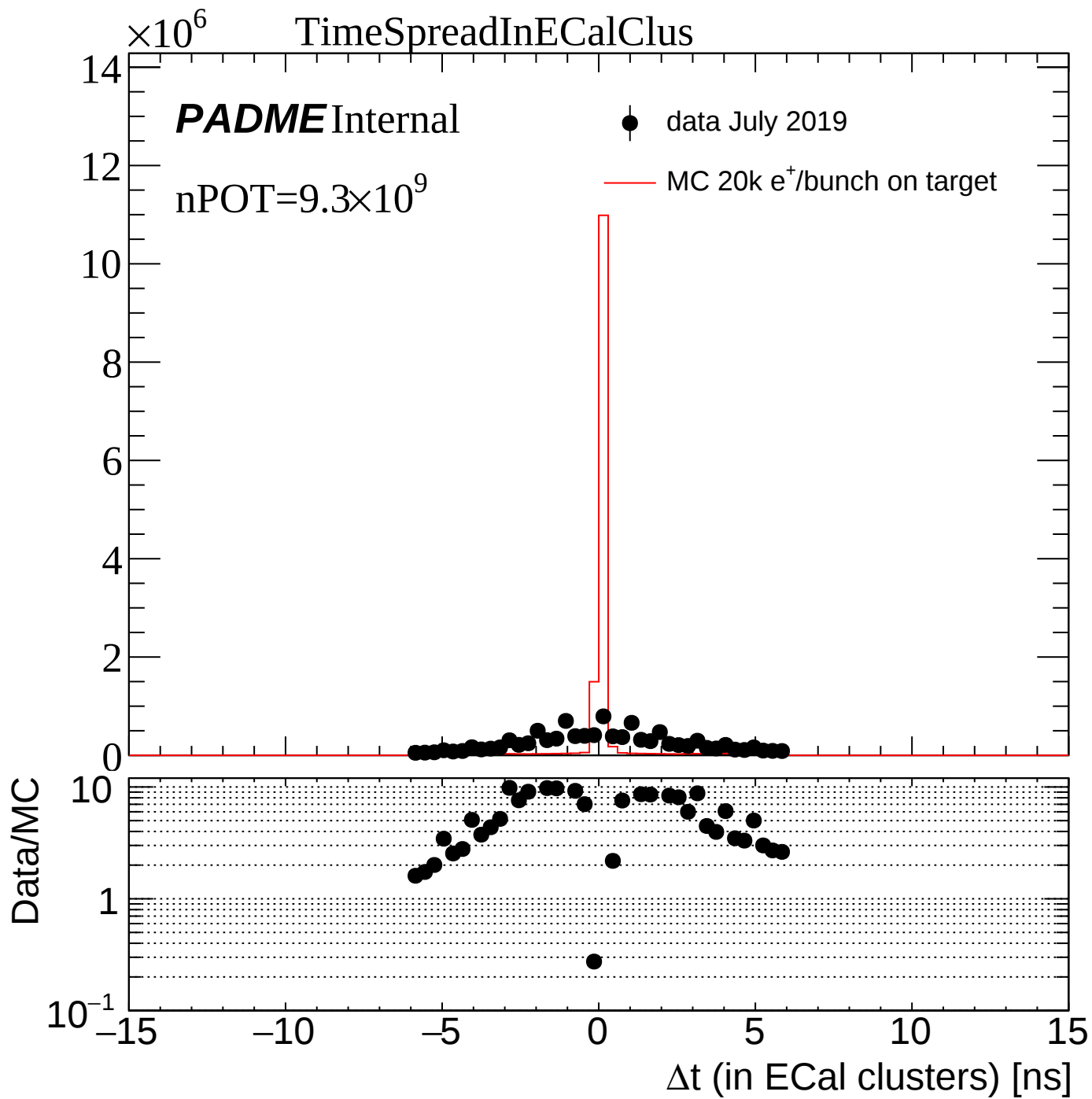
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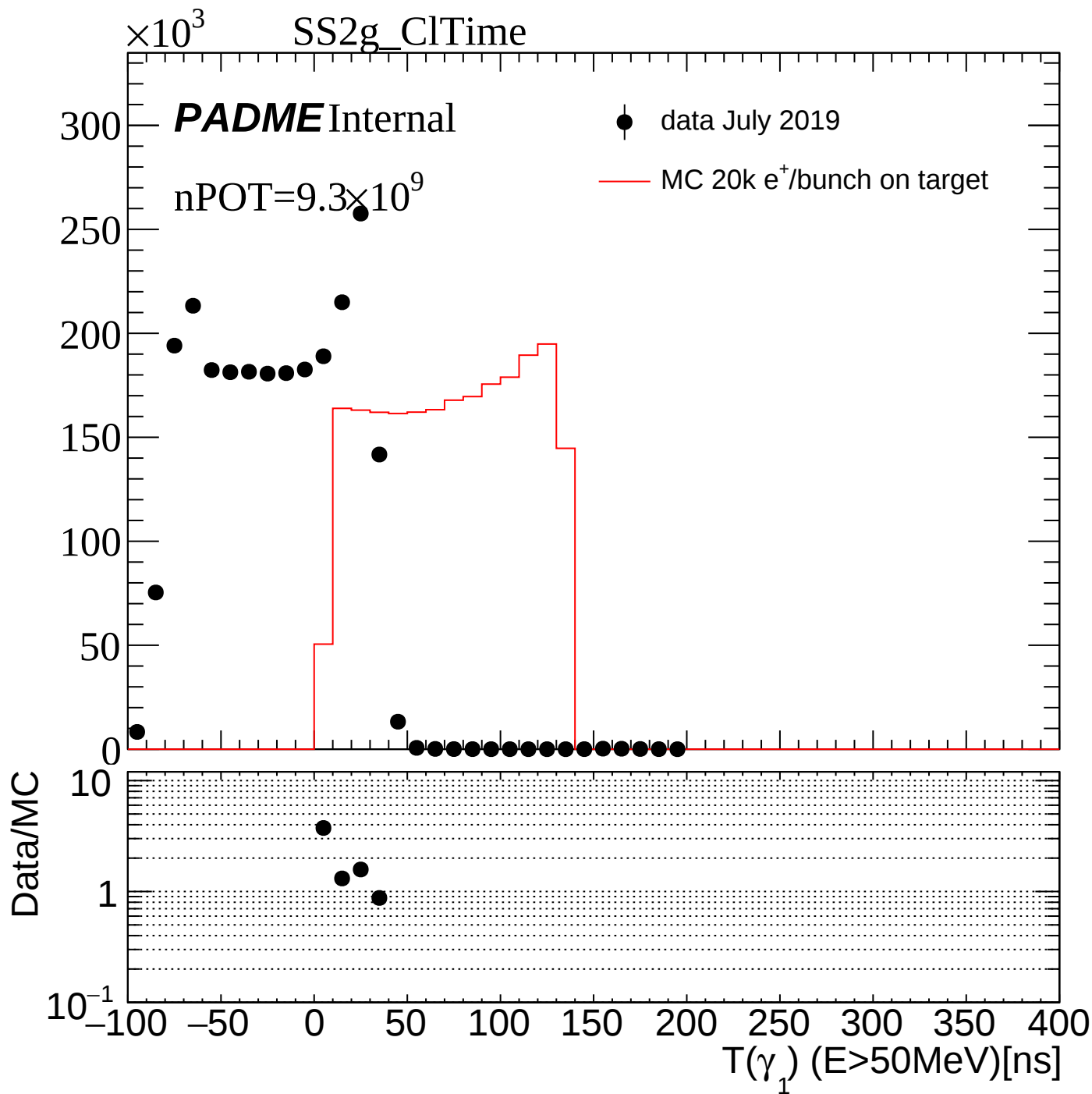


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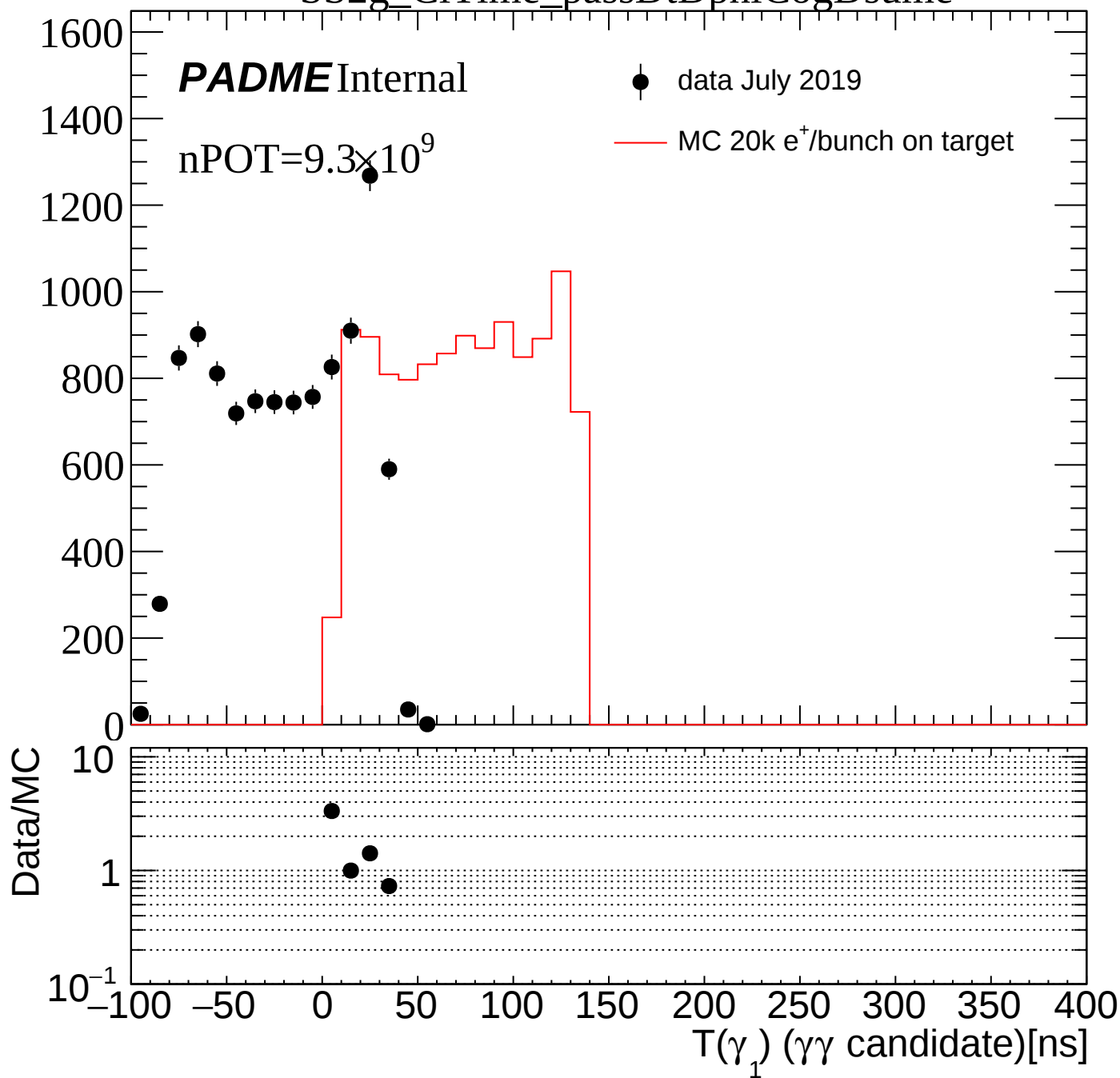




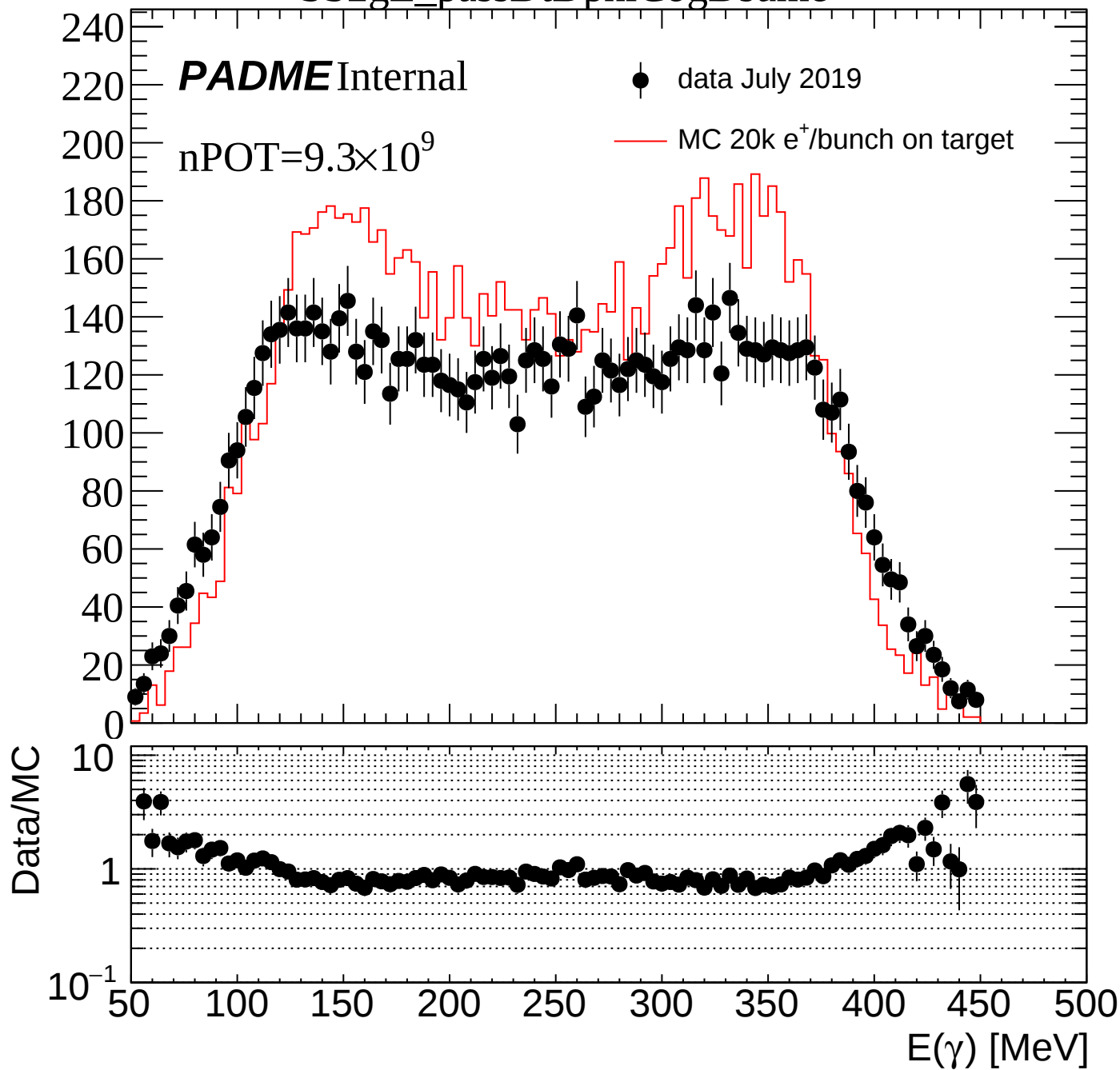




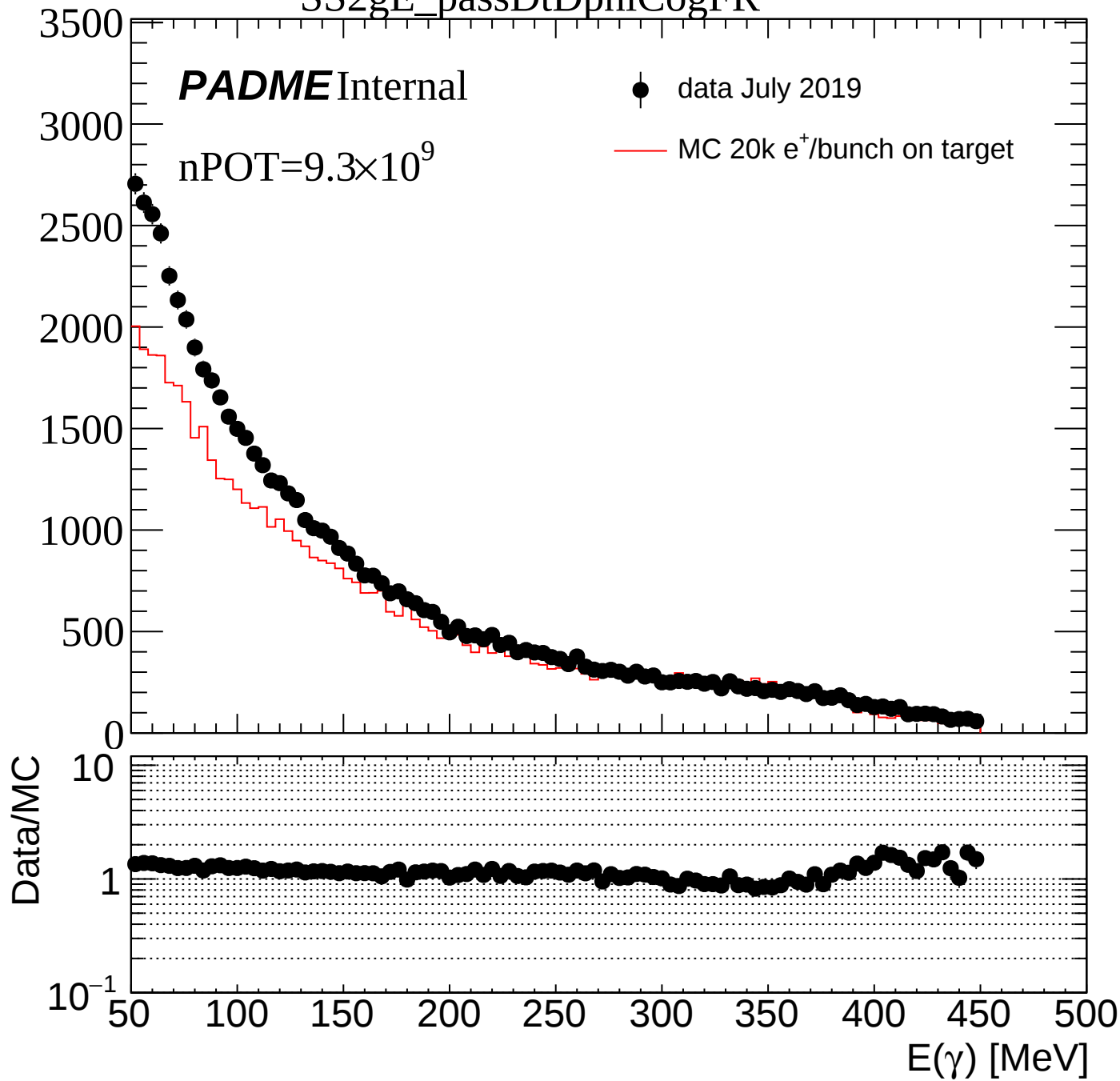
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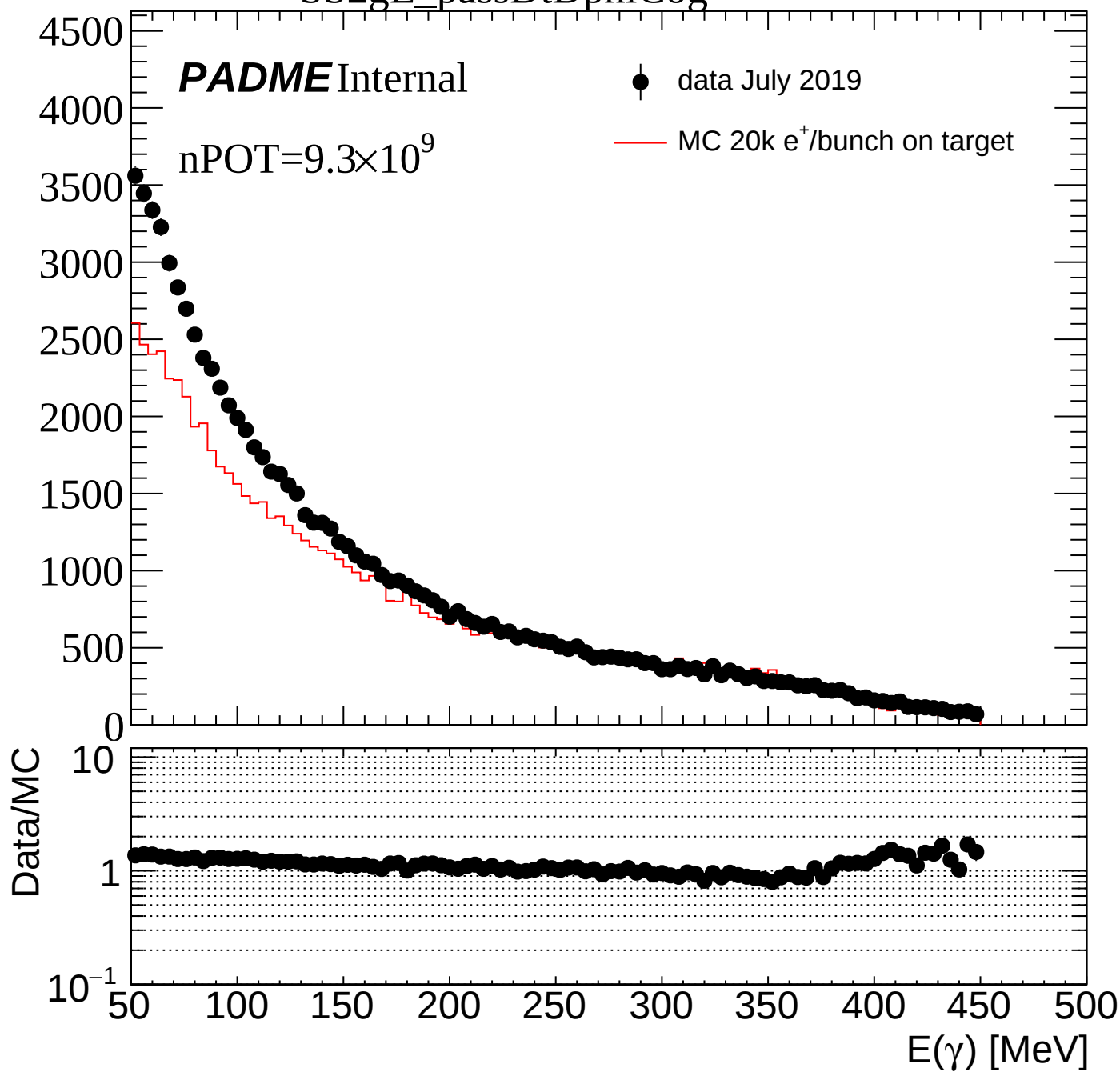
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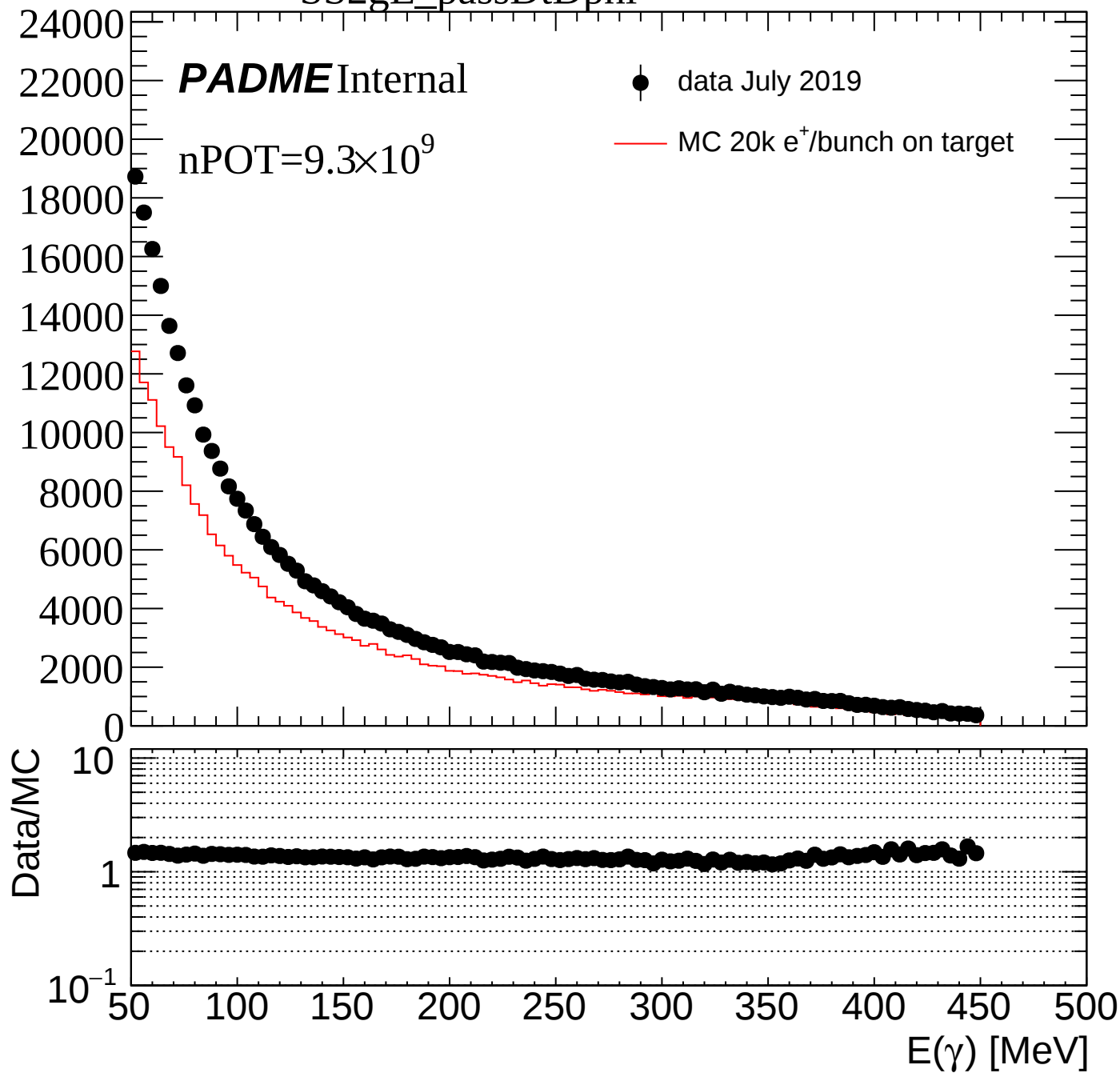
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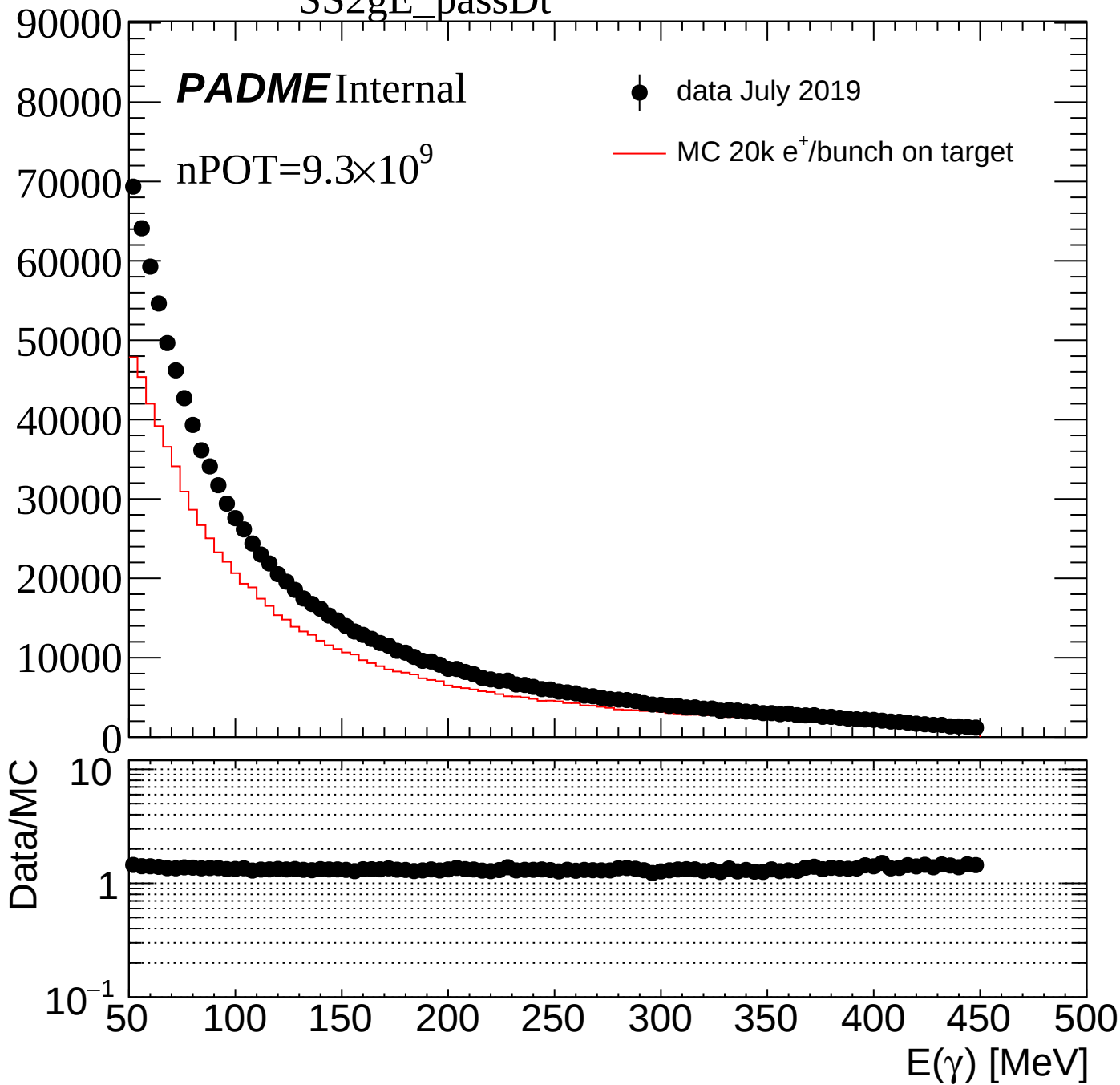
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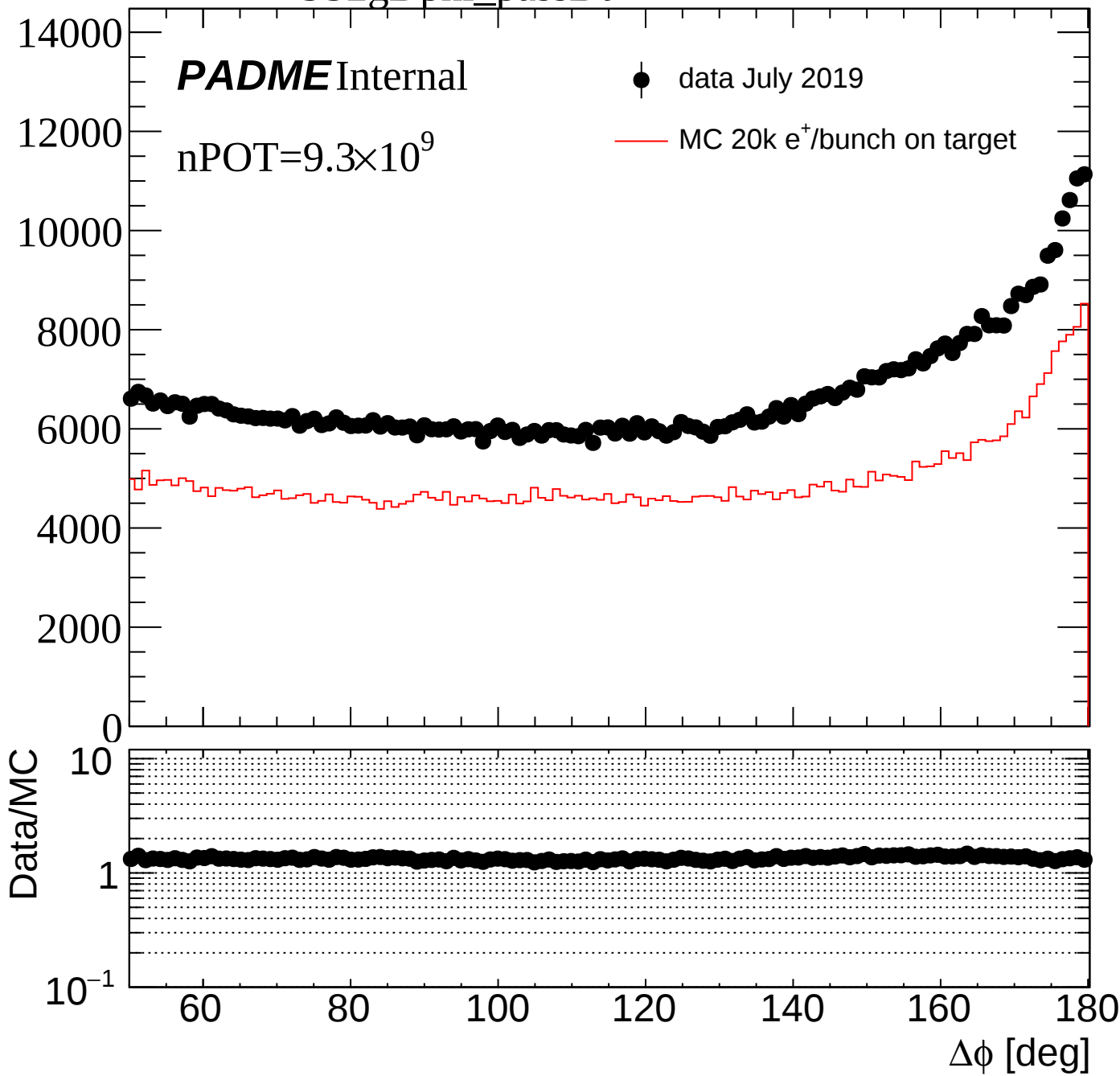
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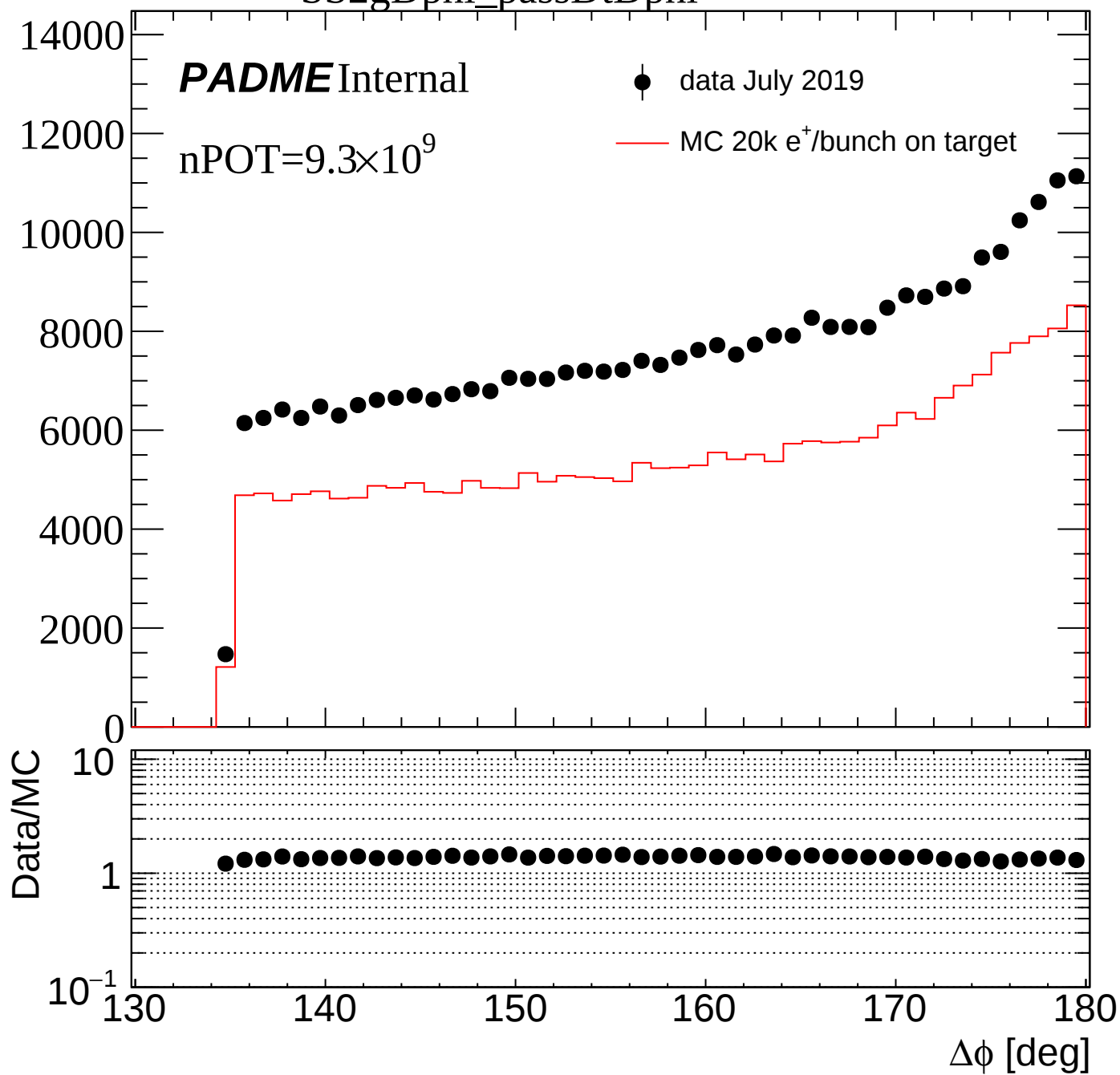
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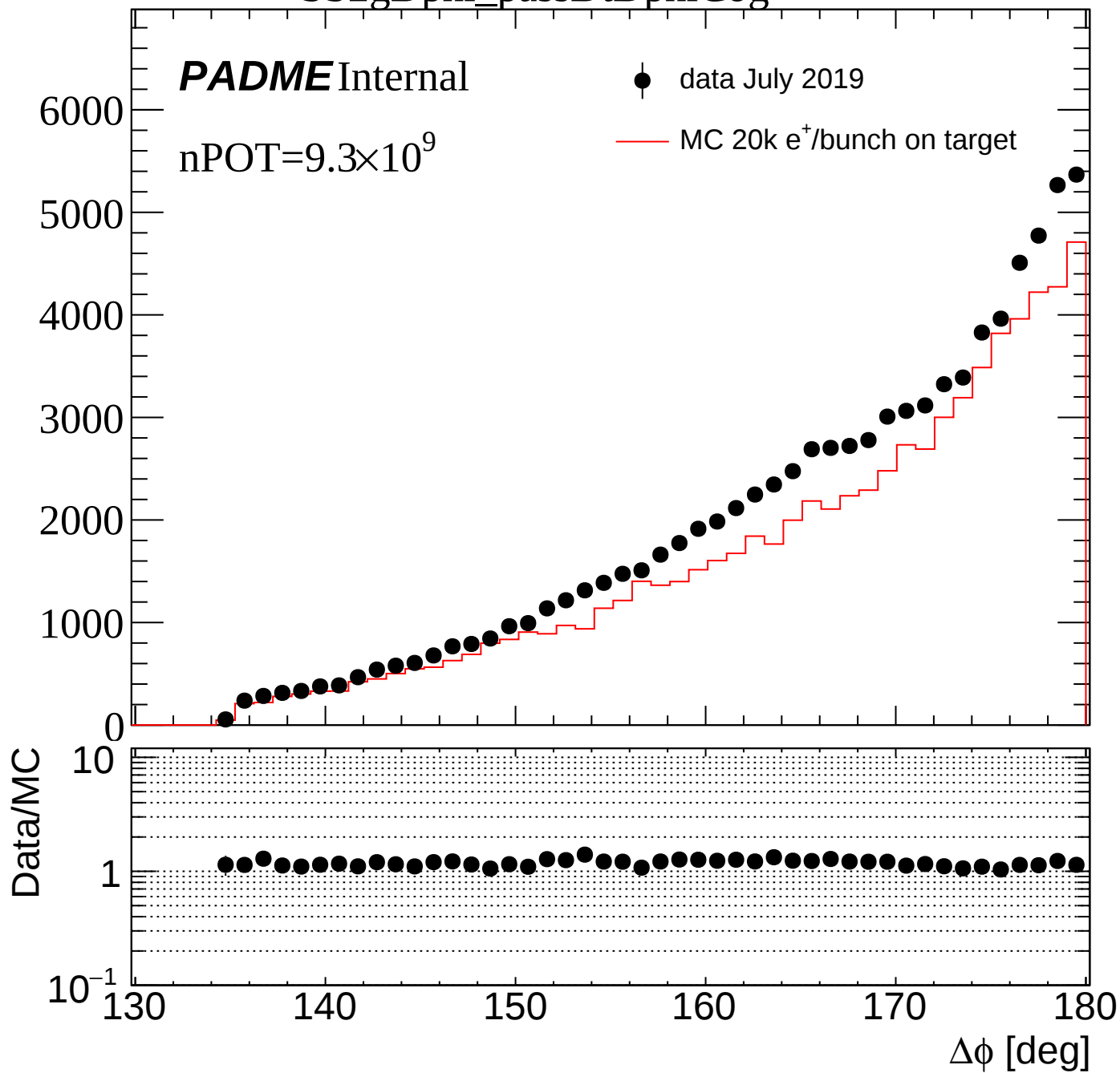
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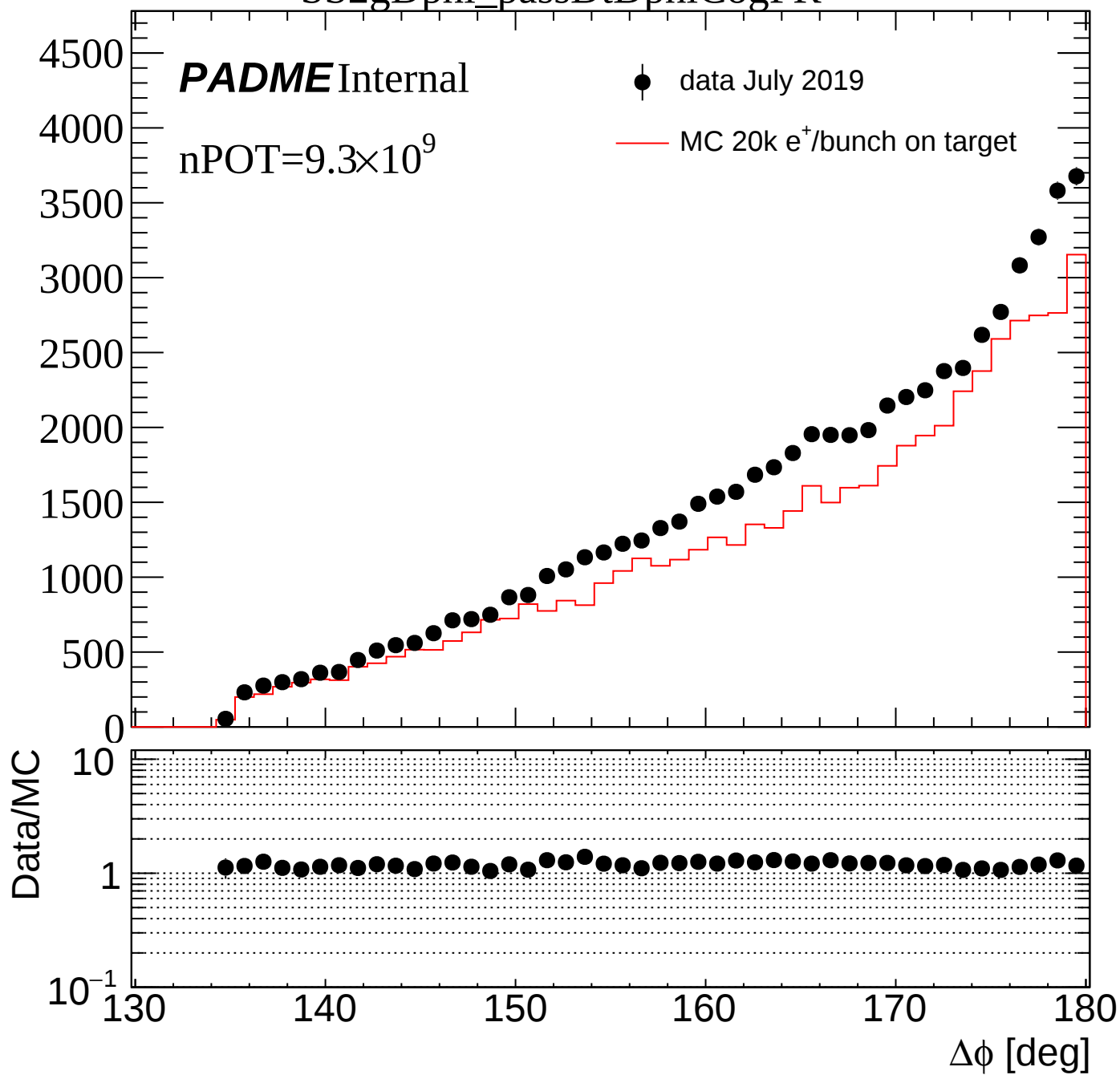
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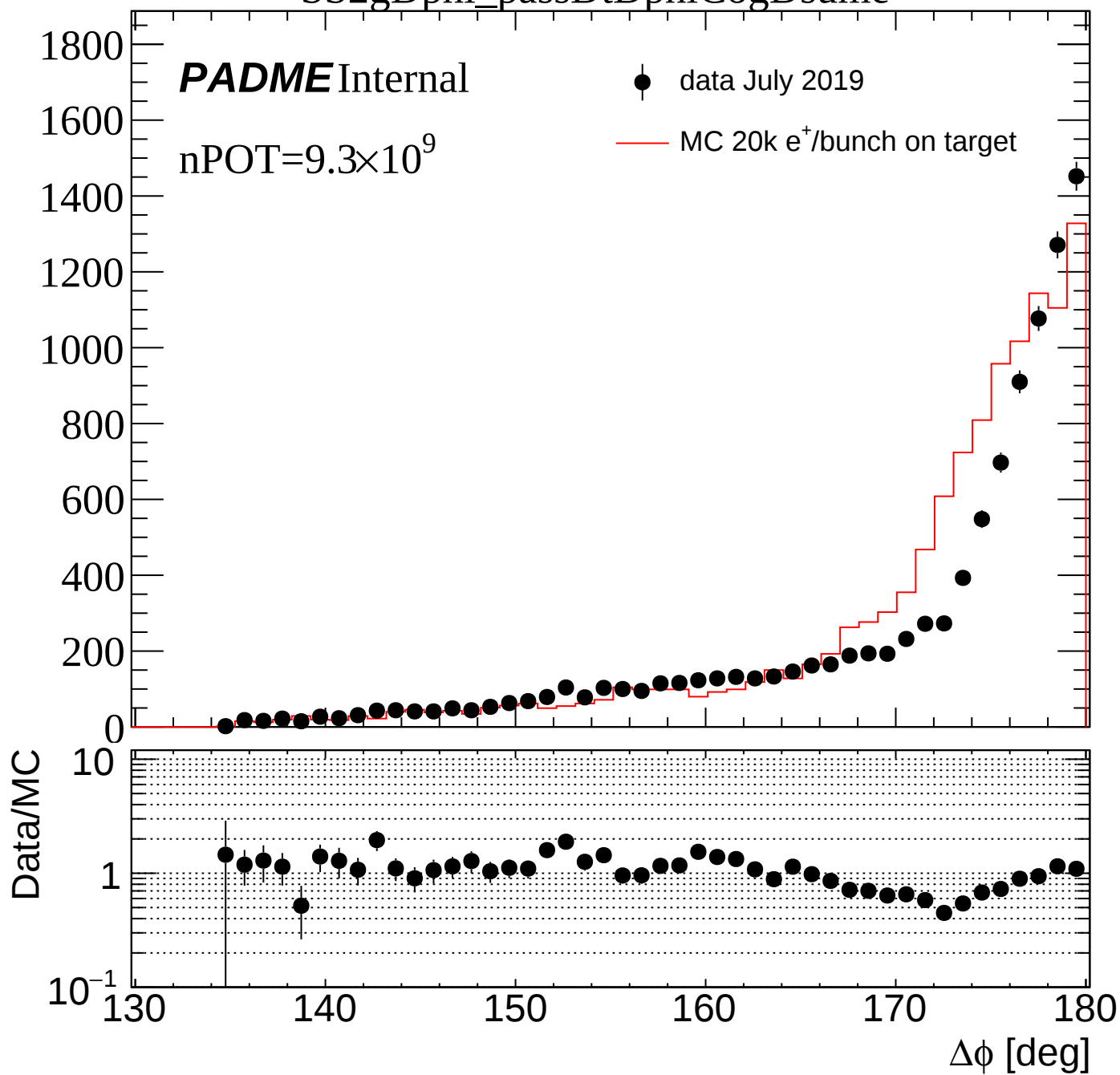
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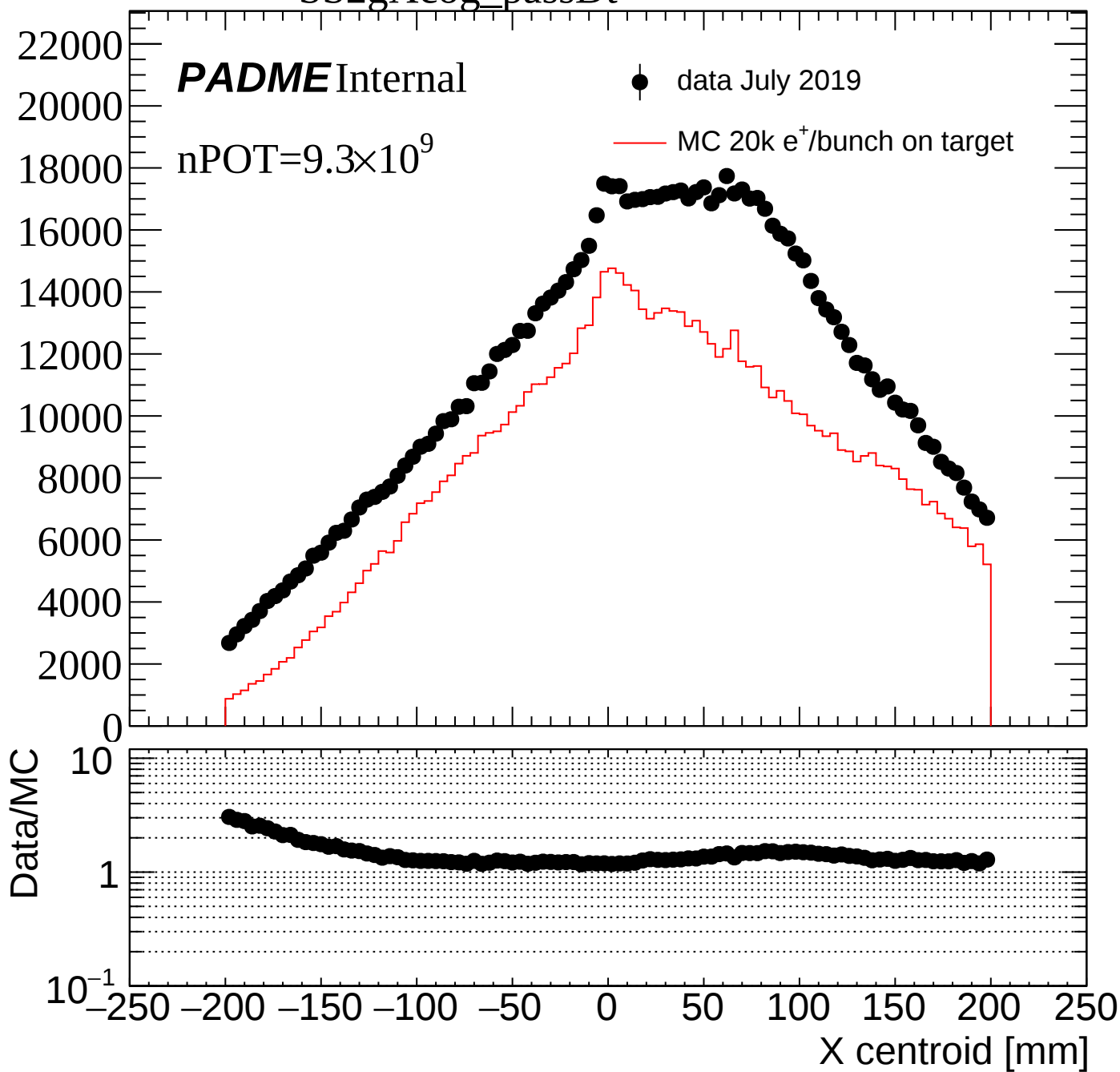
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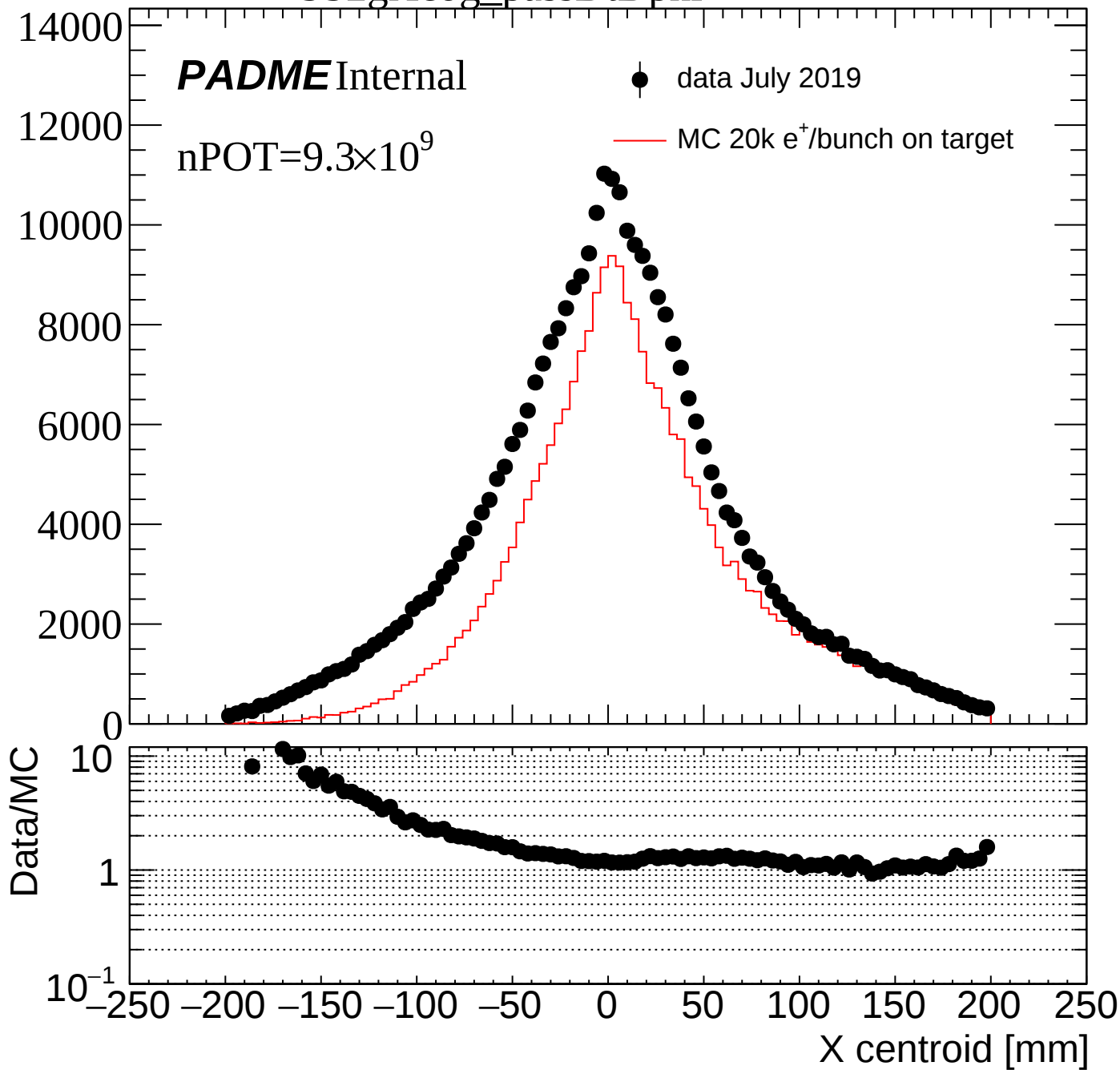
SS2gDphi_passDtDphiCogDsume



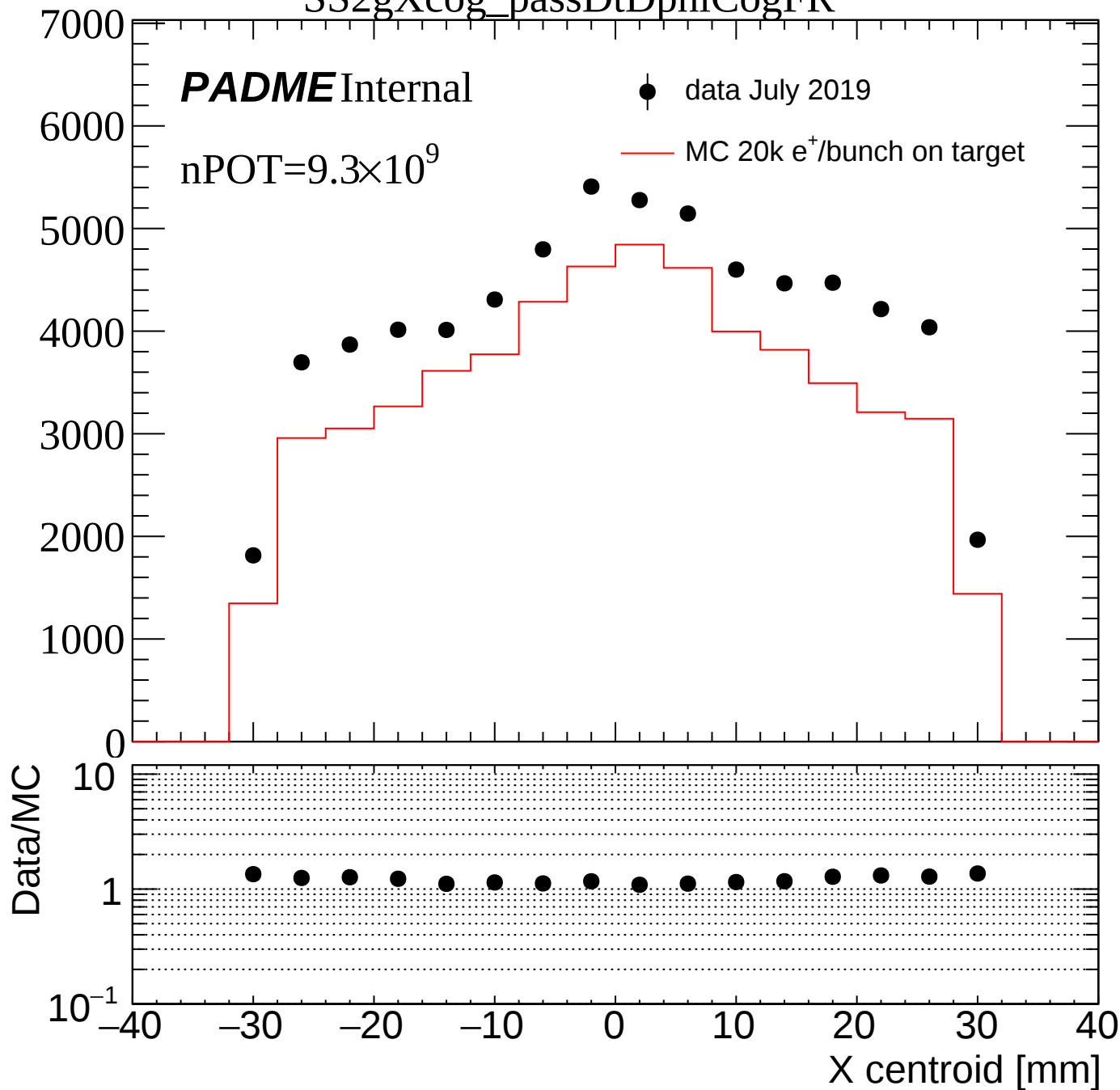
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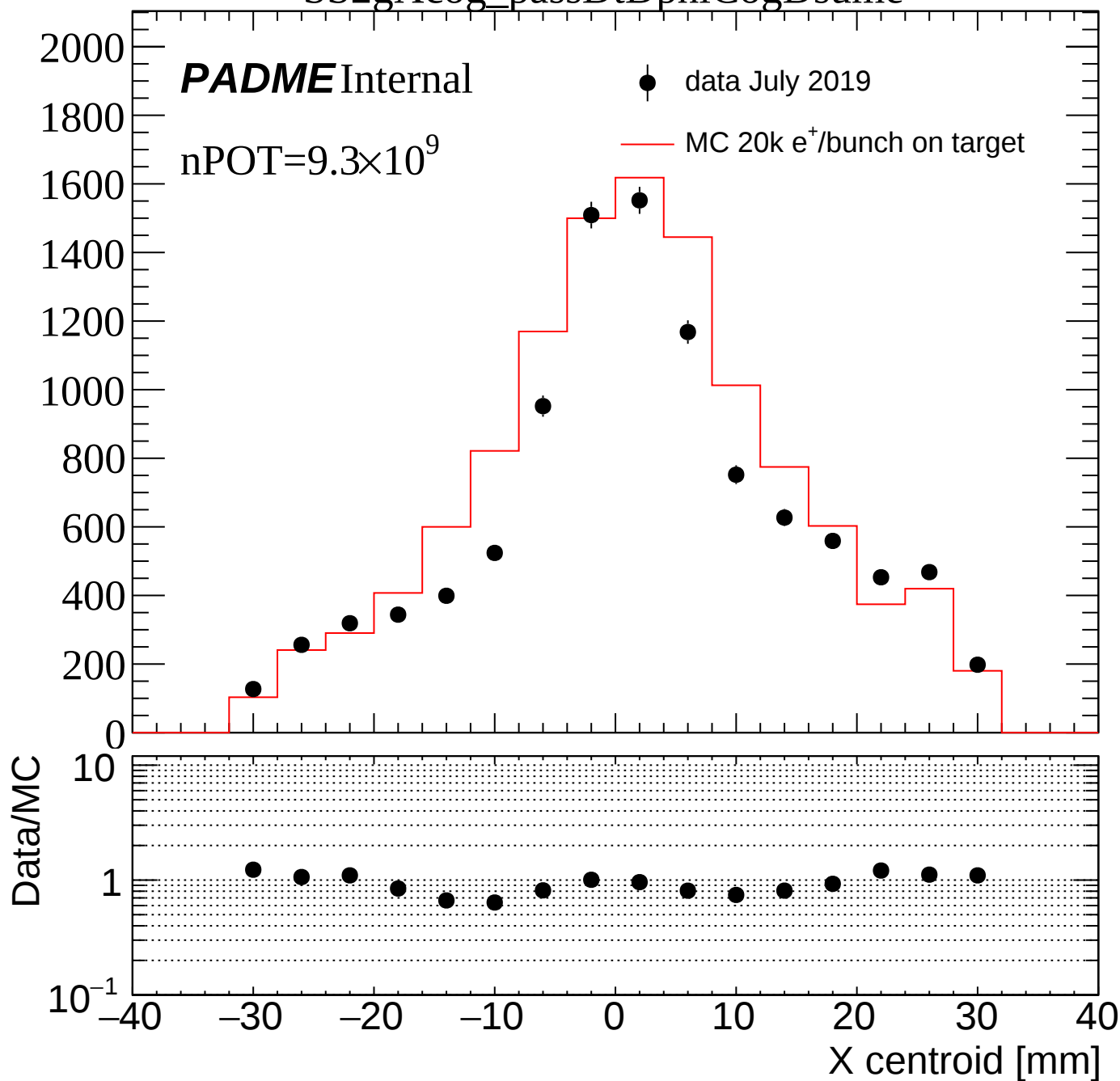
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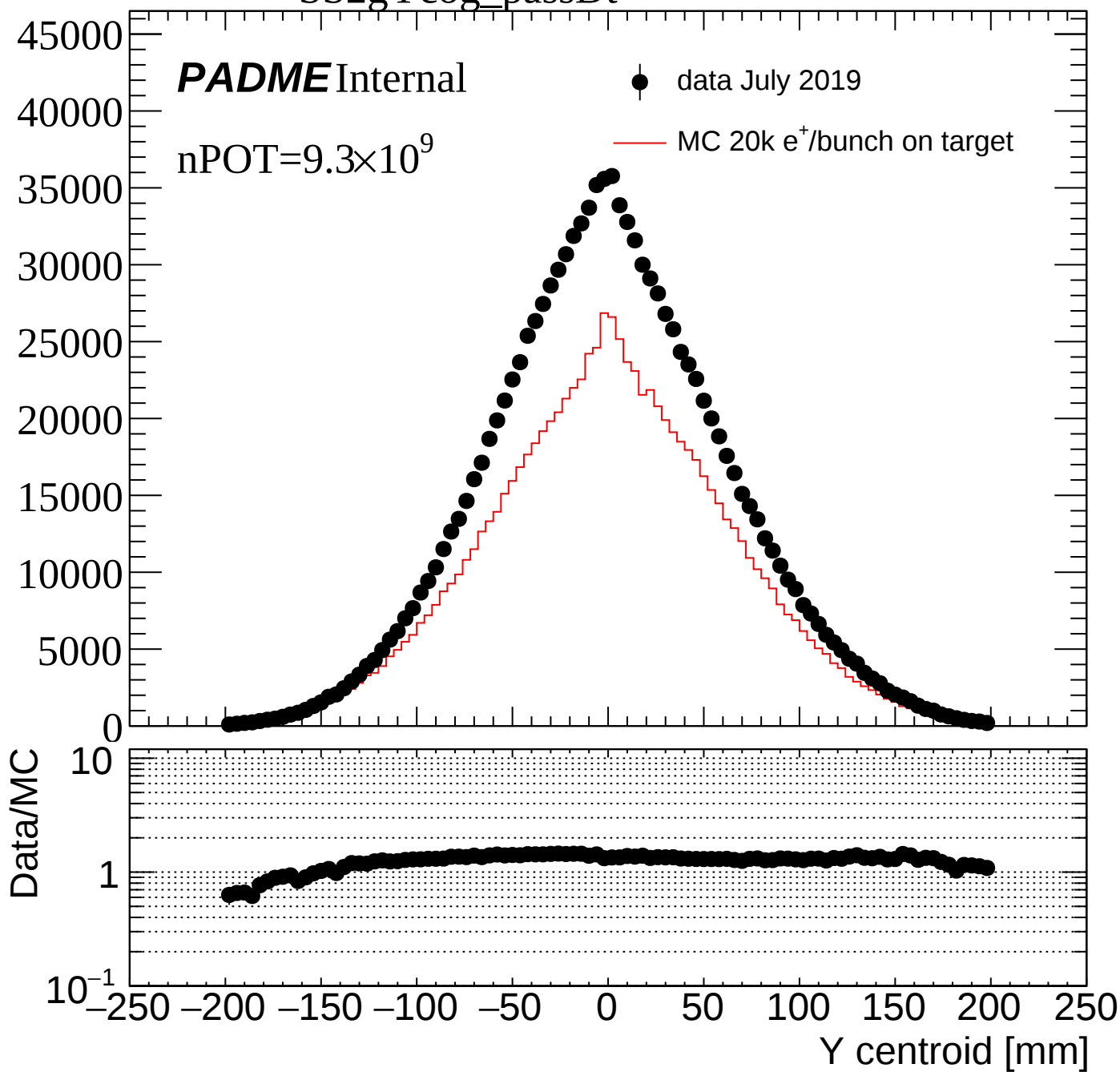
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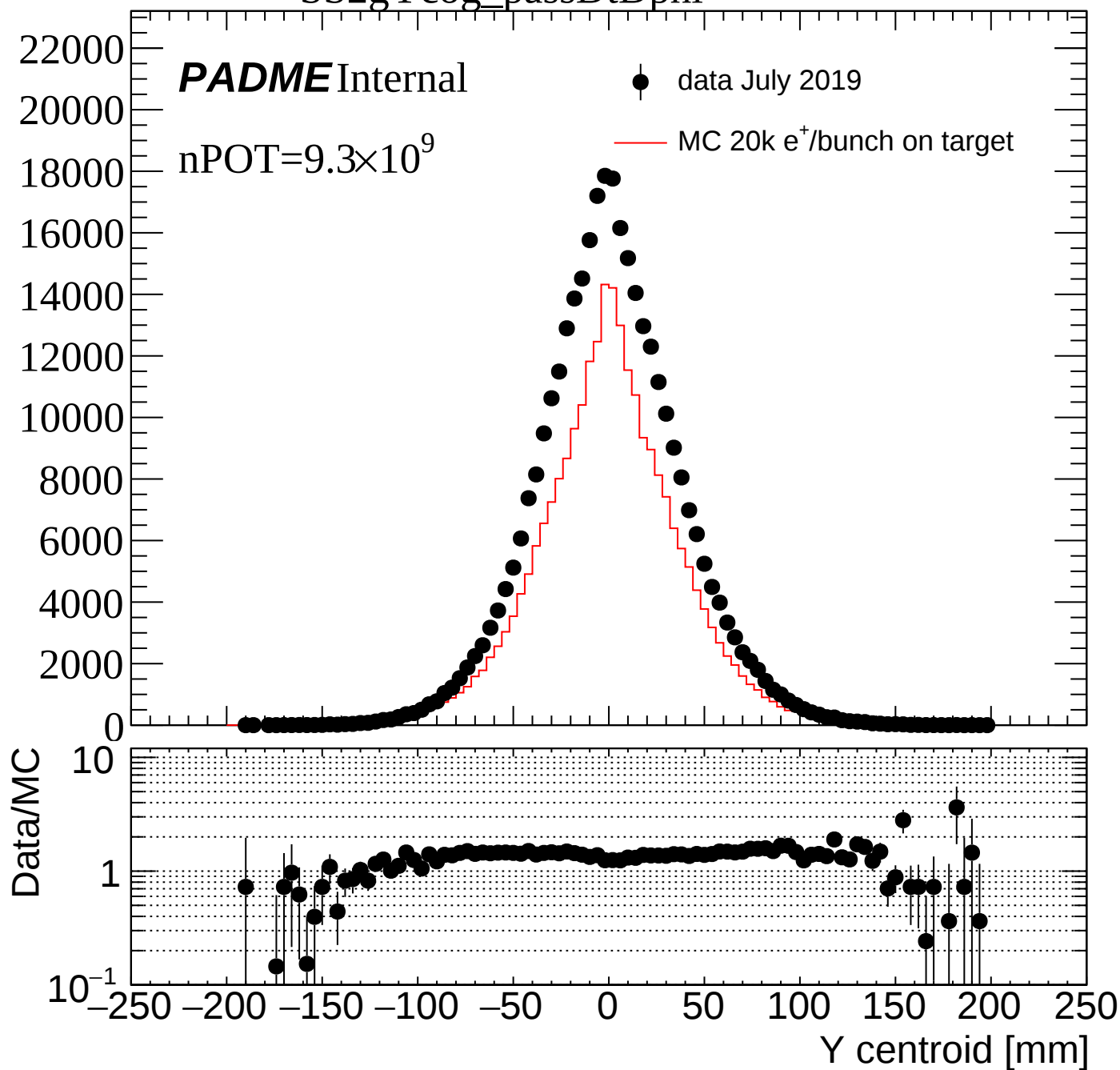
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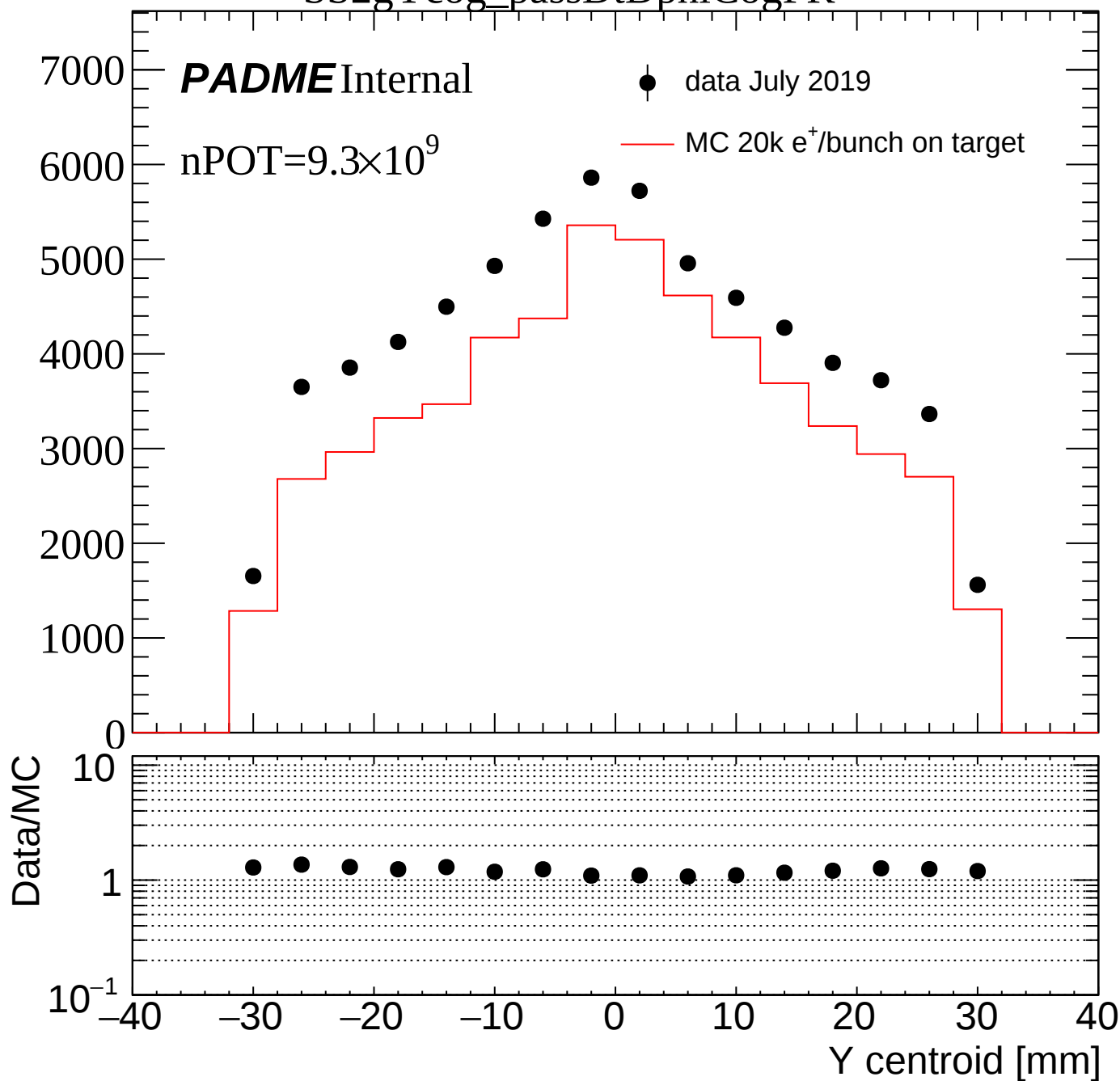
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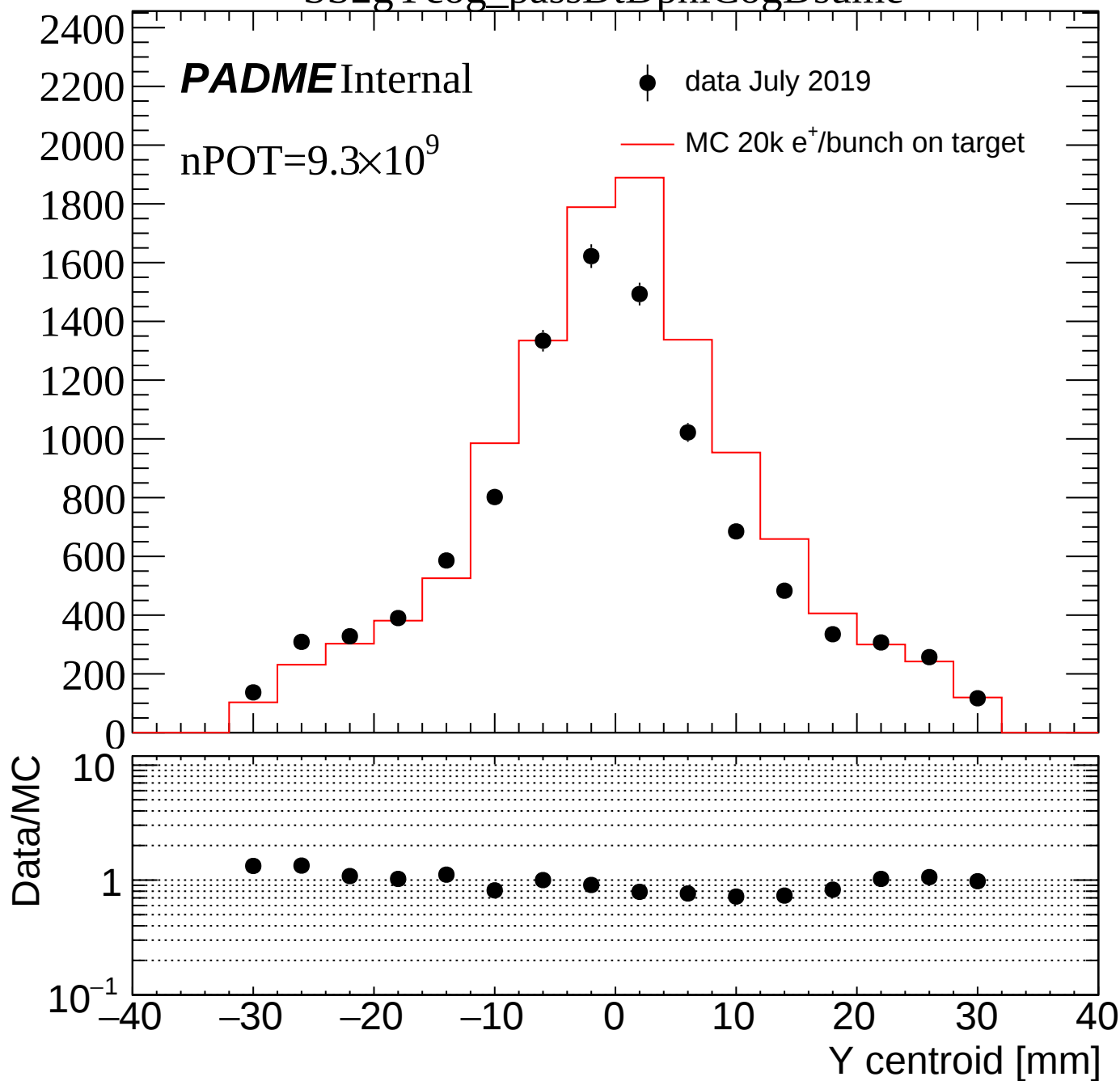
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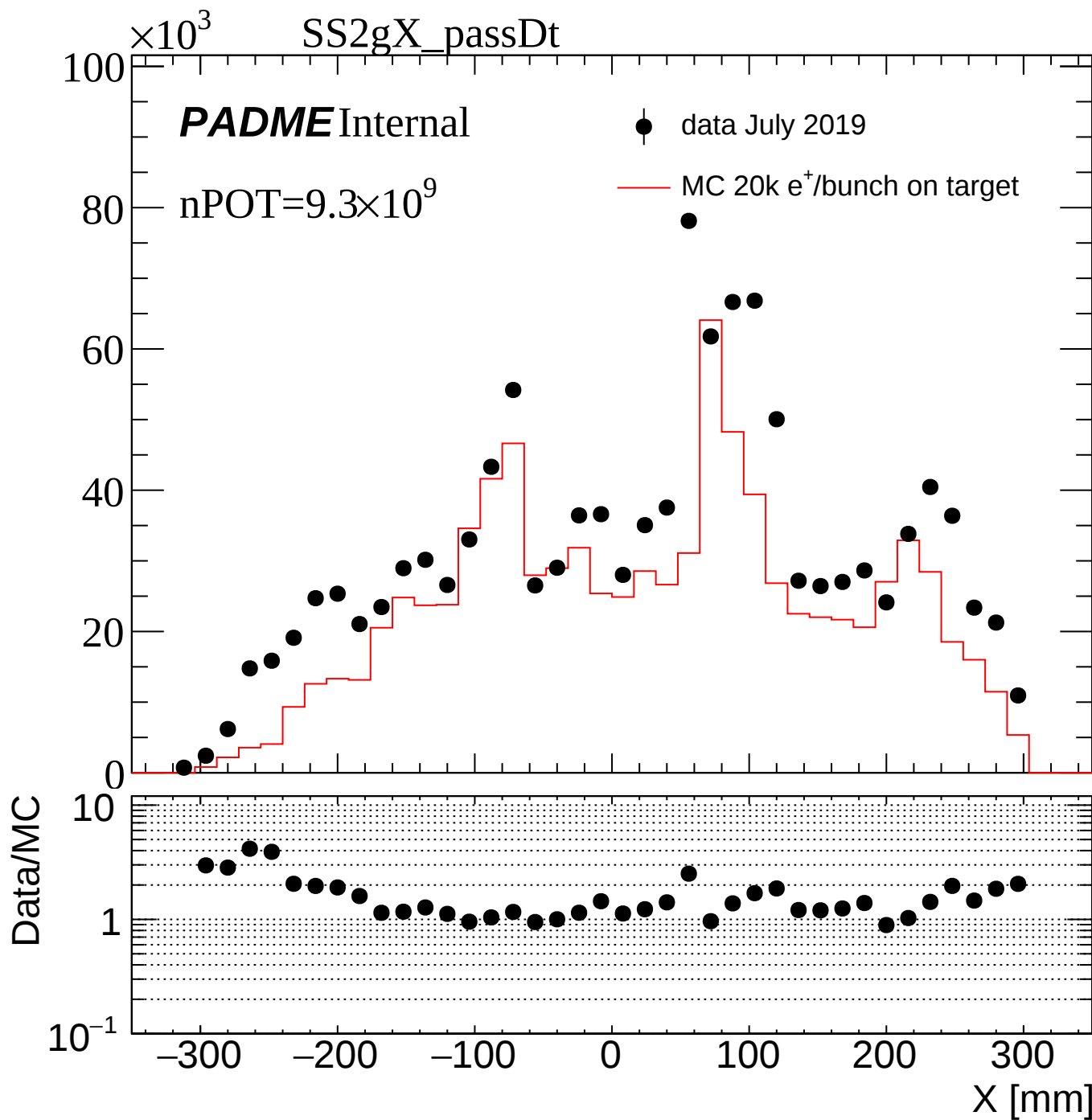


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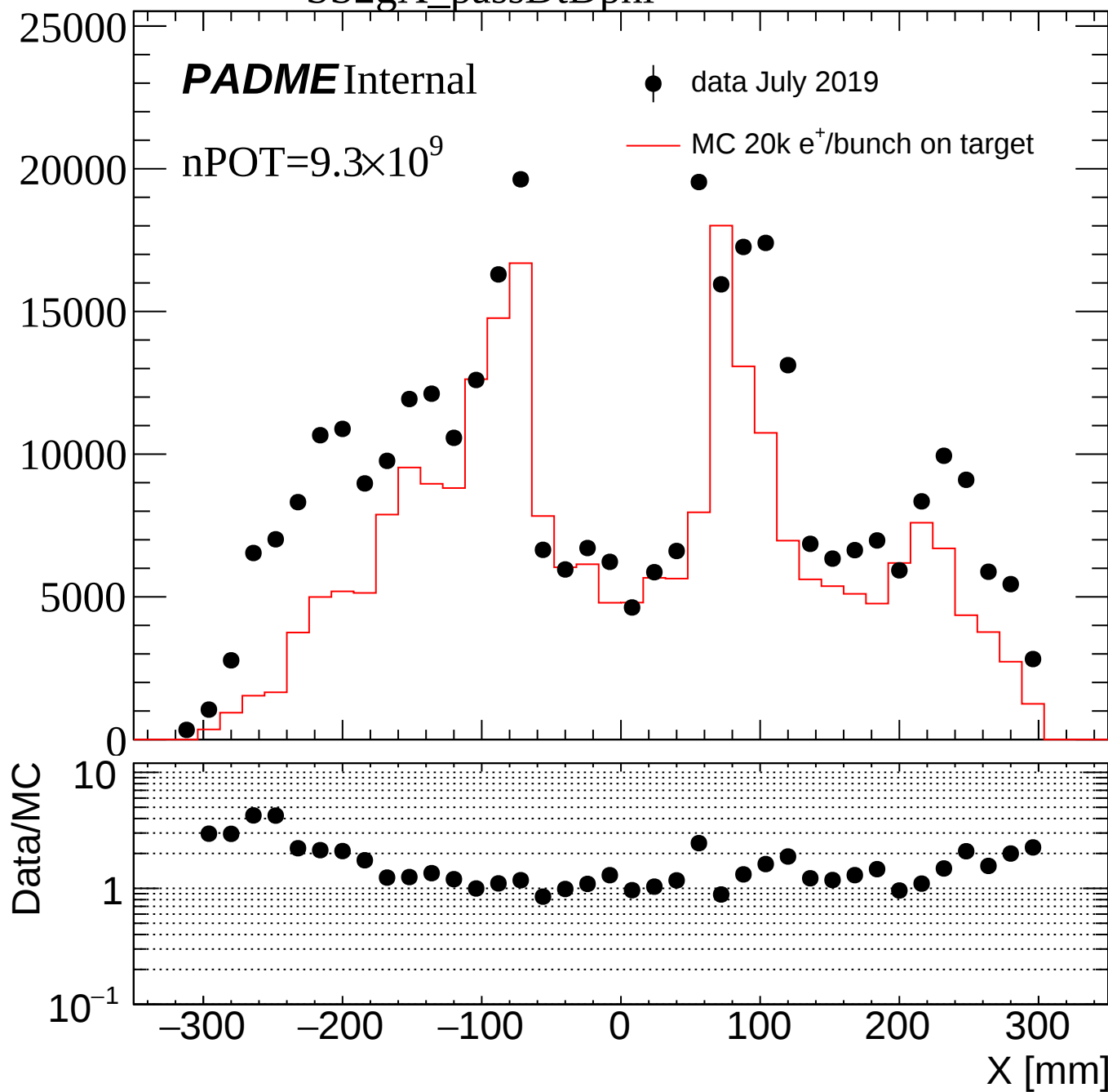


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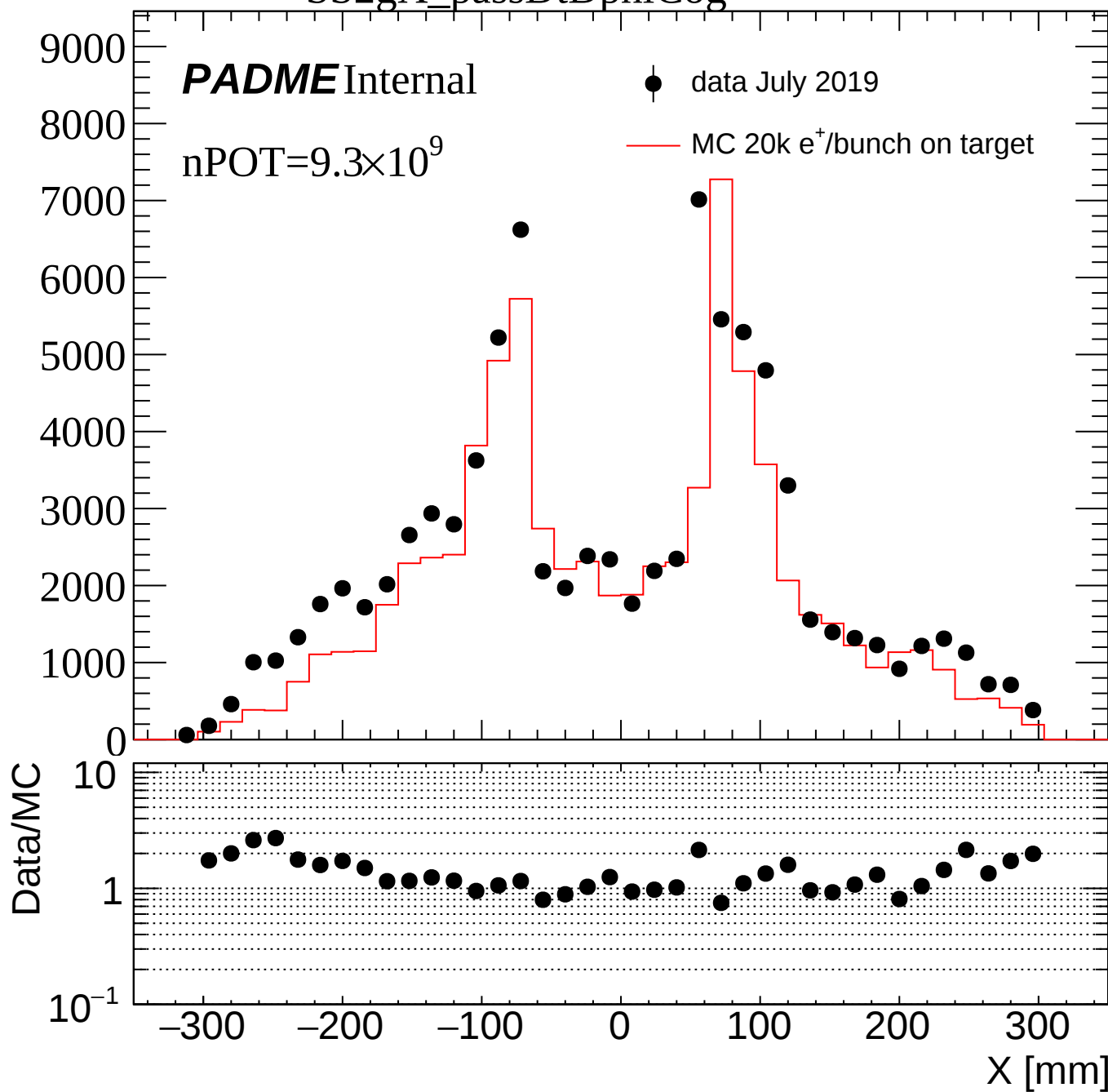




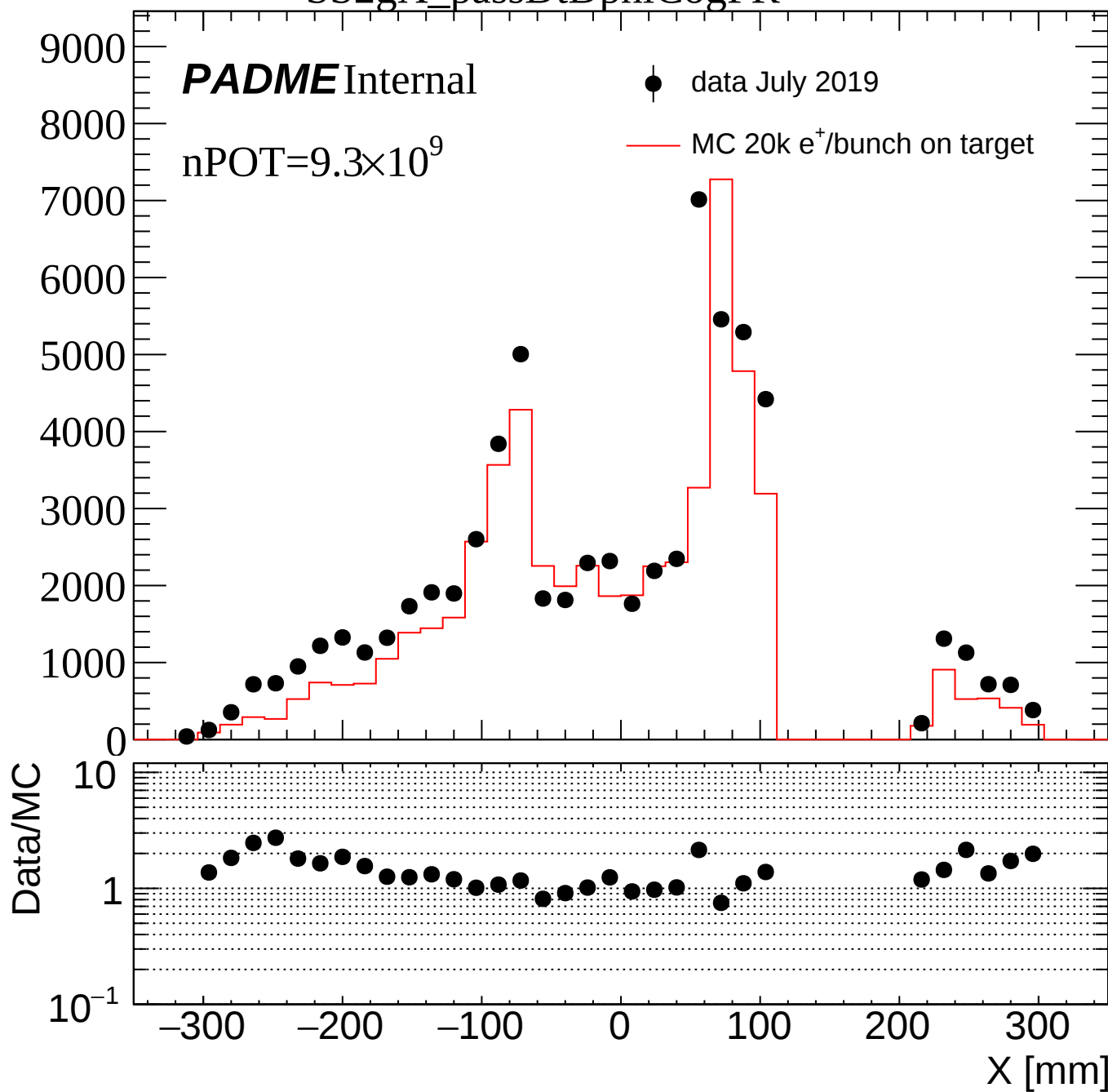
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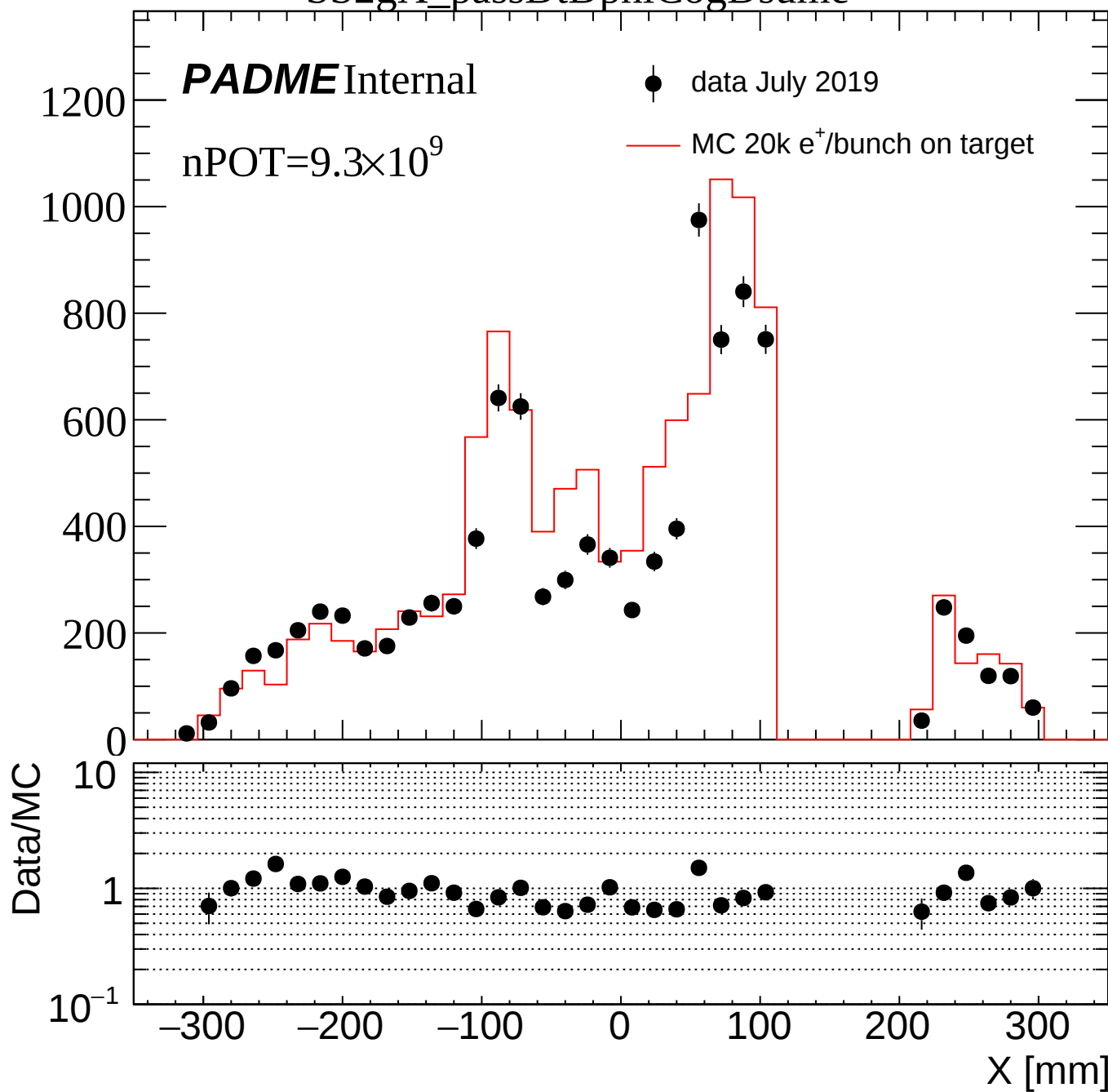
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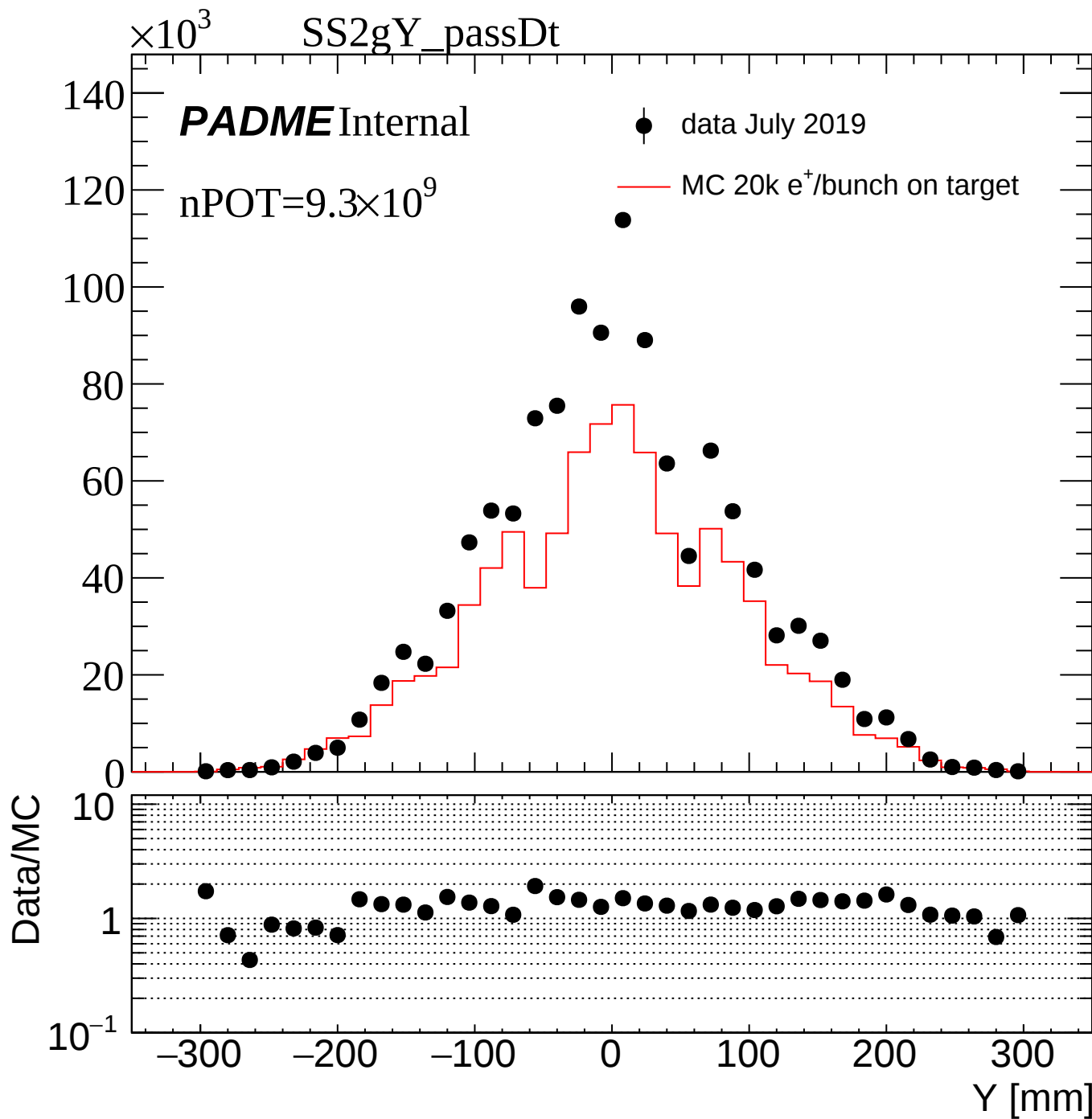


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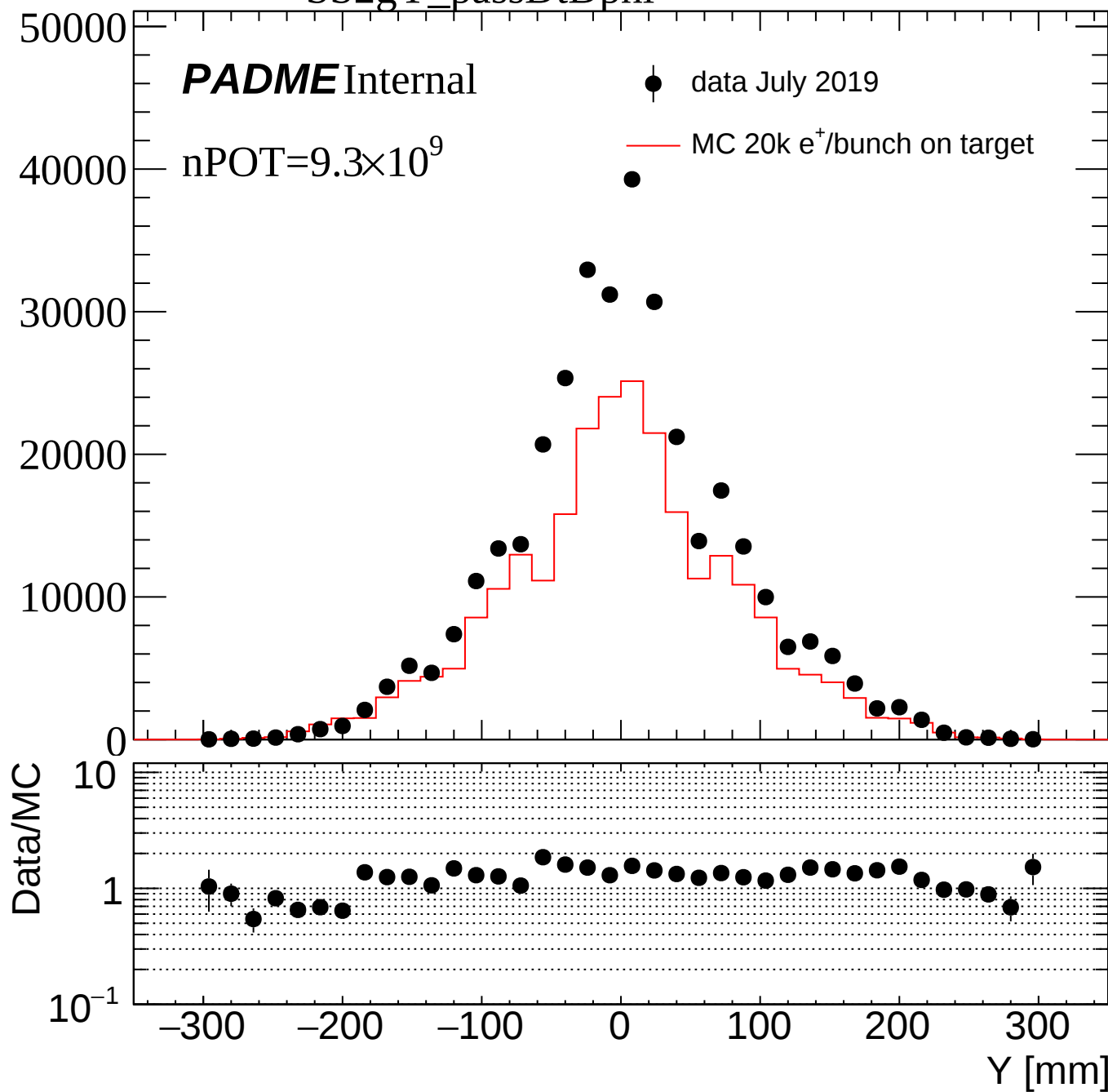


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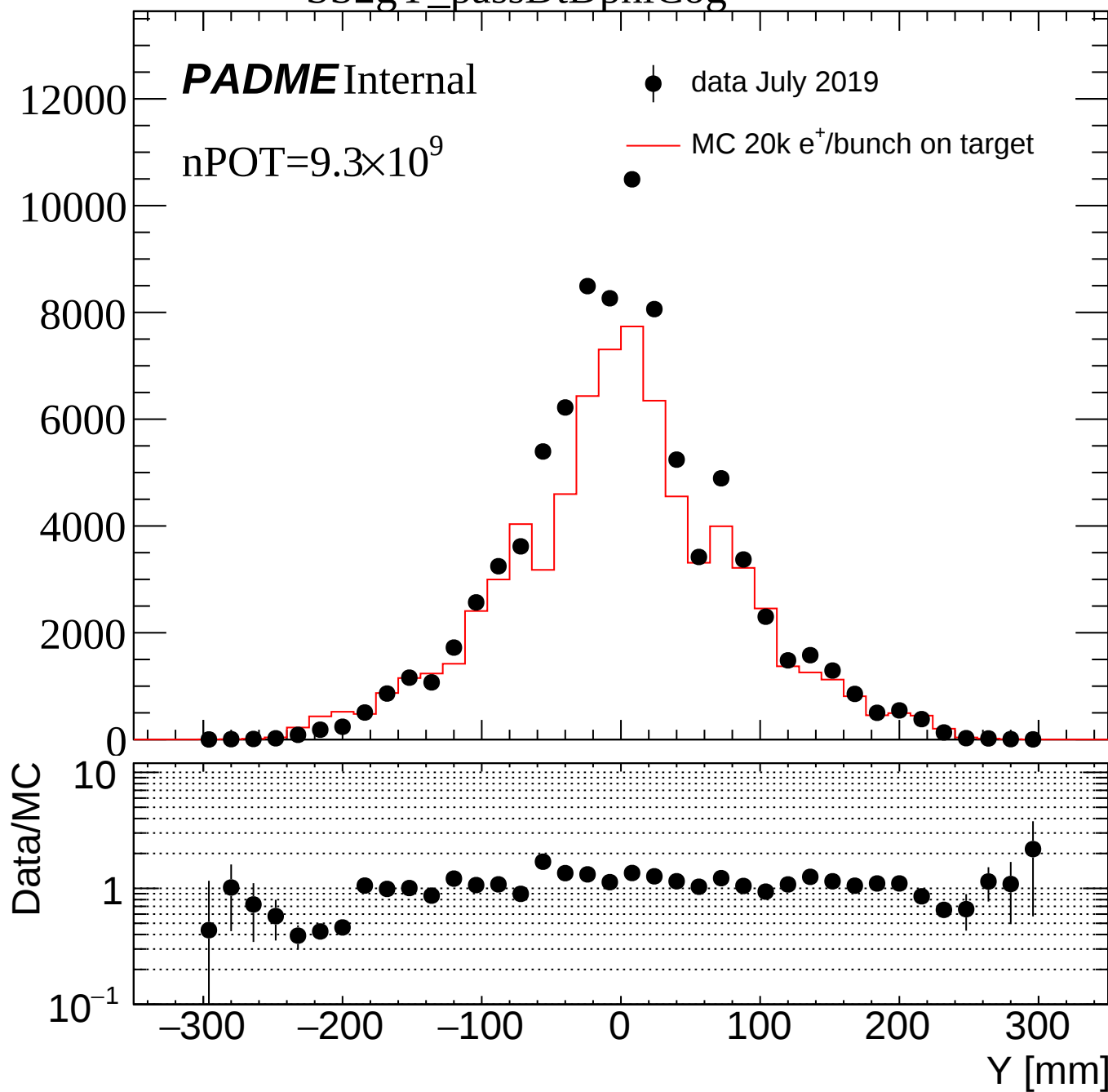




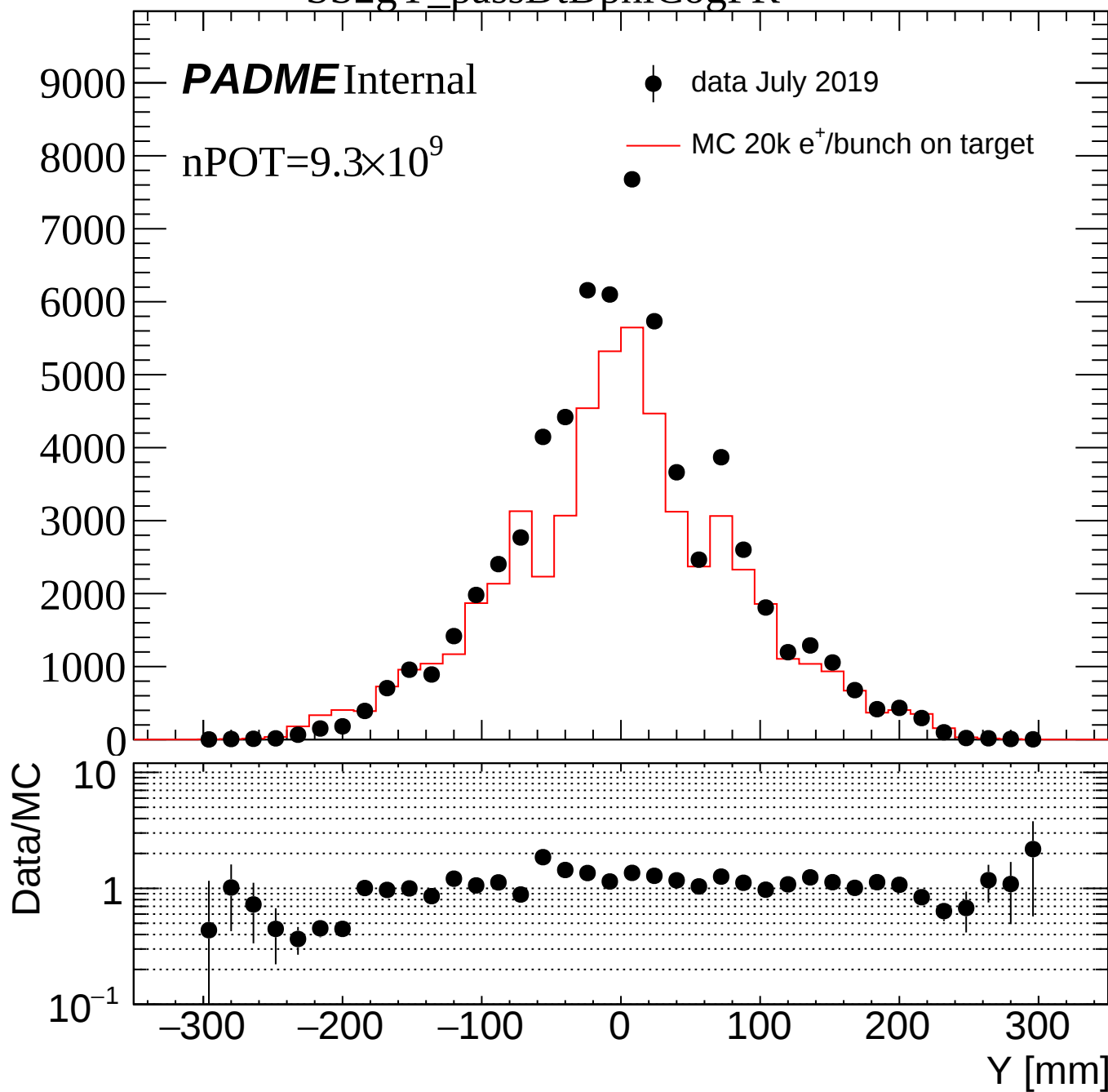
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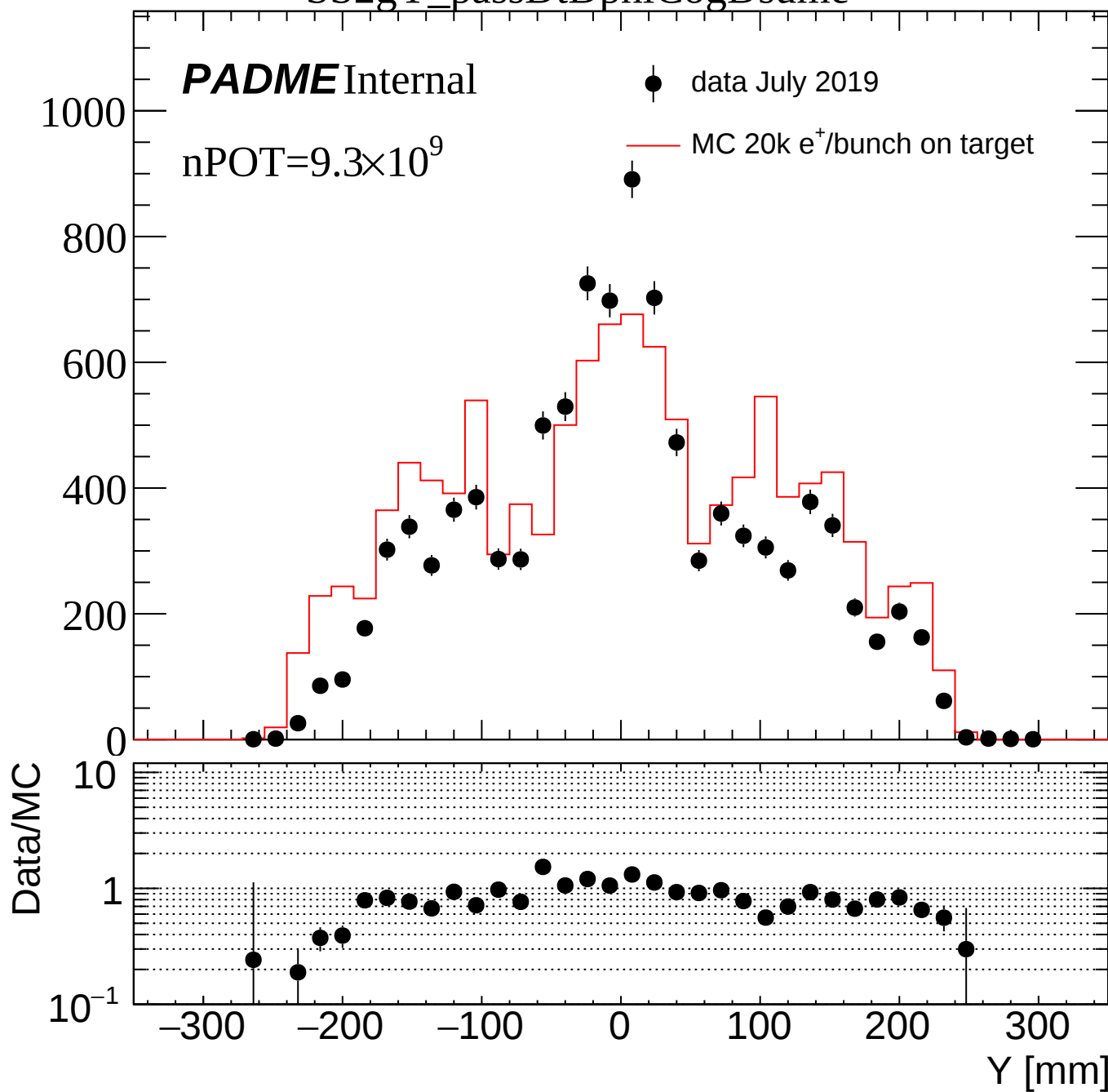
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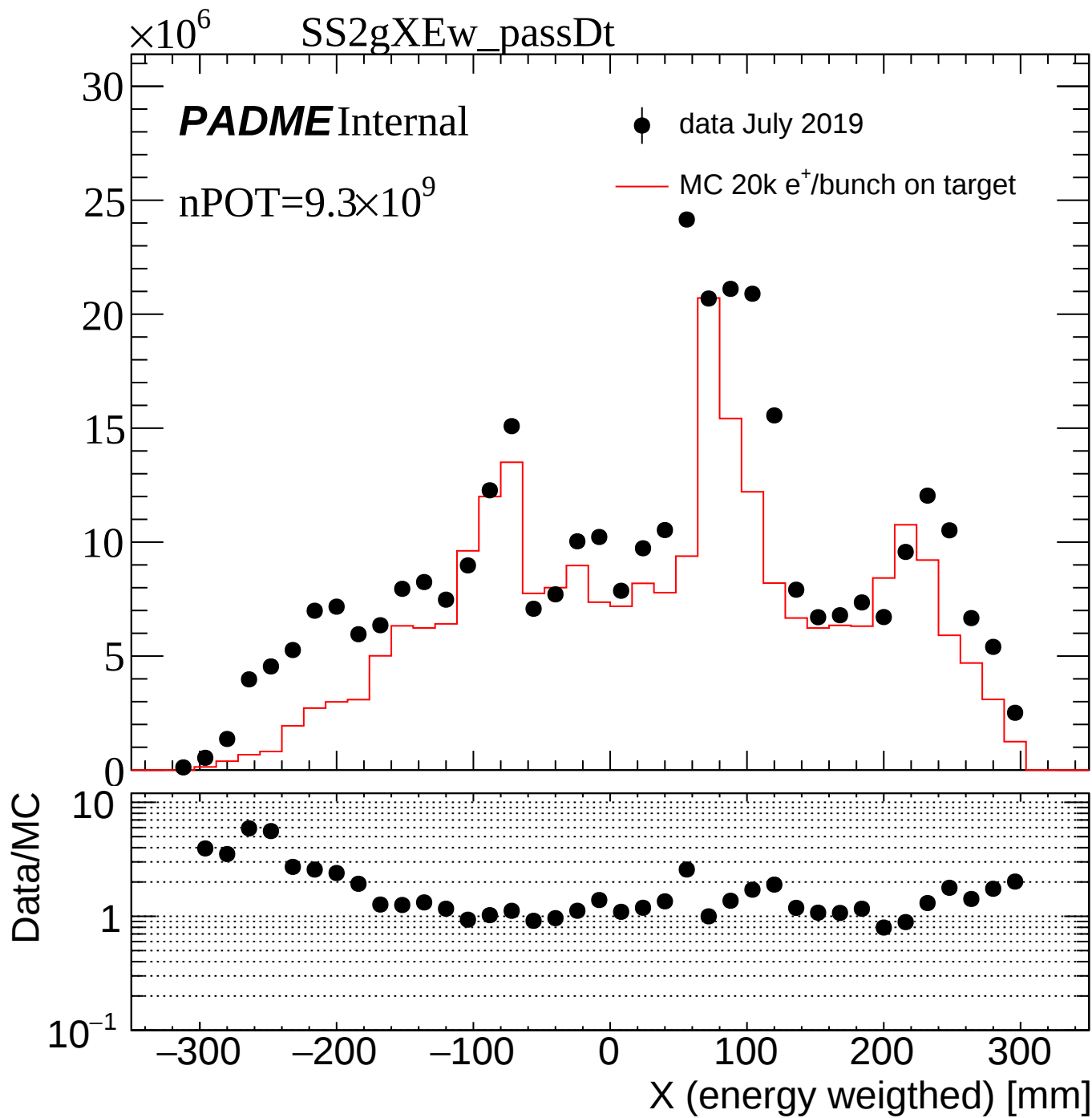


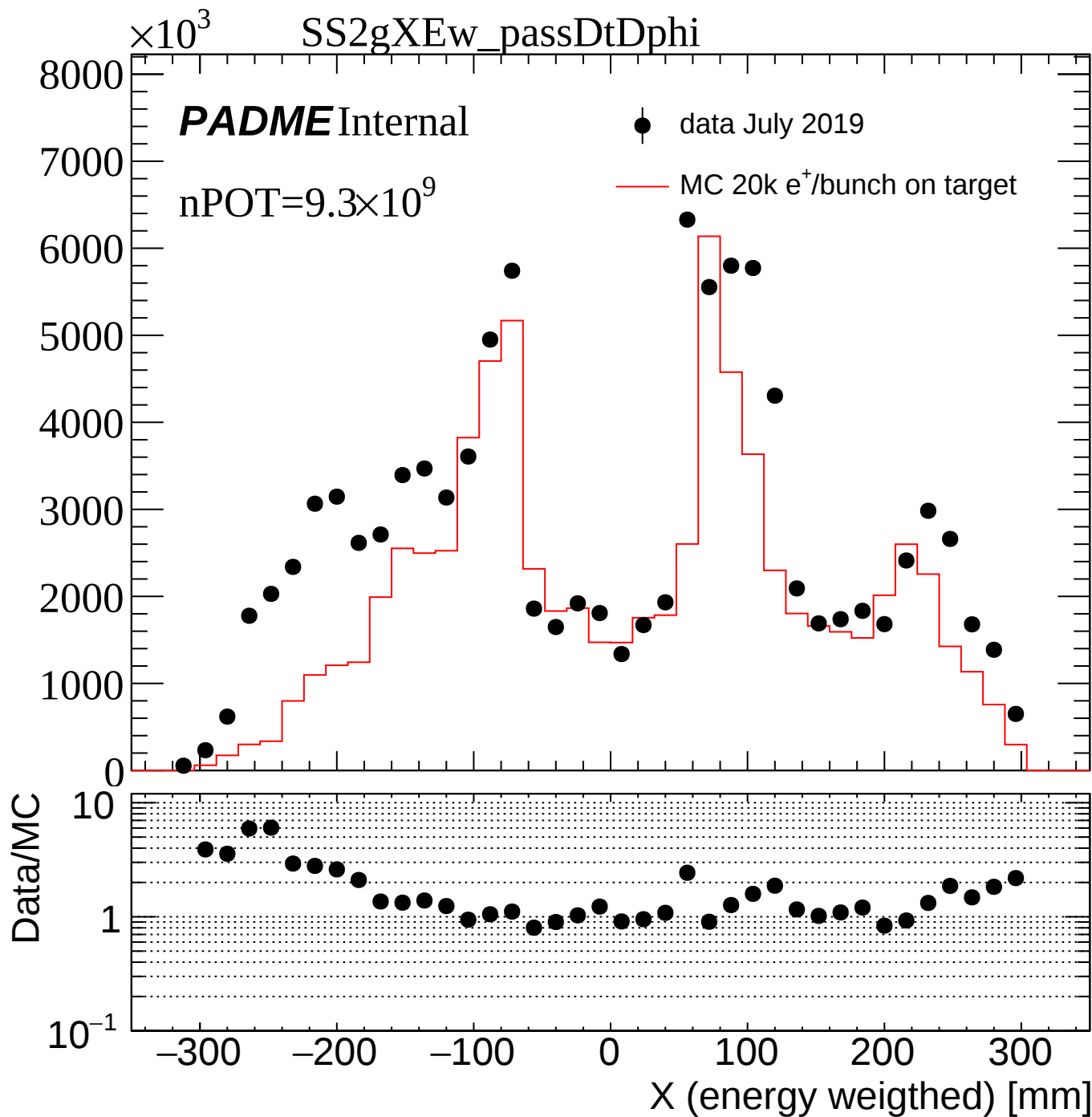
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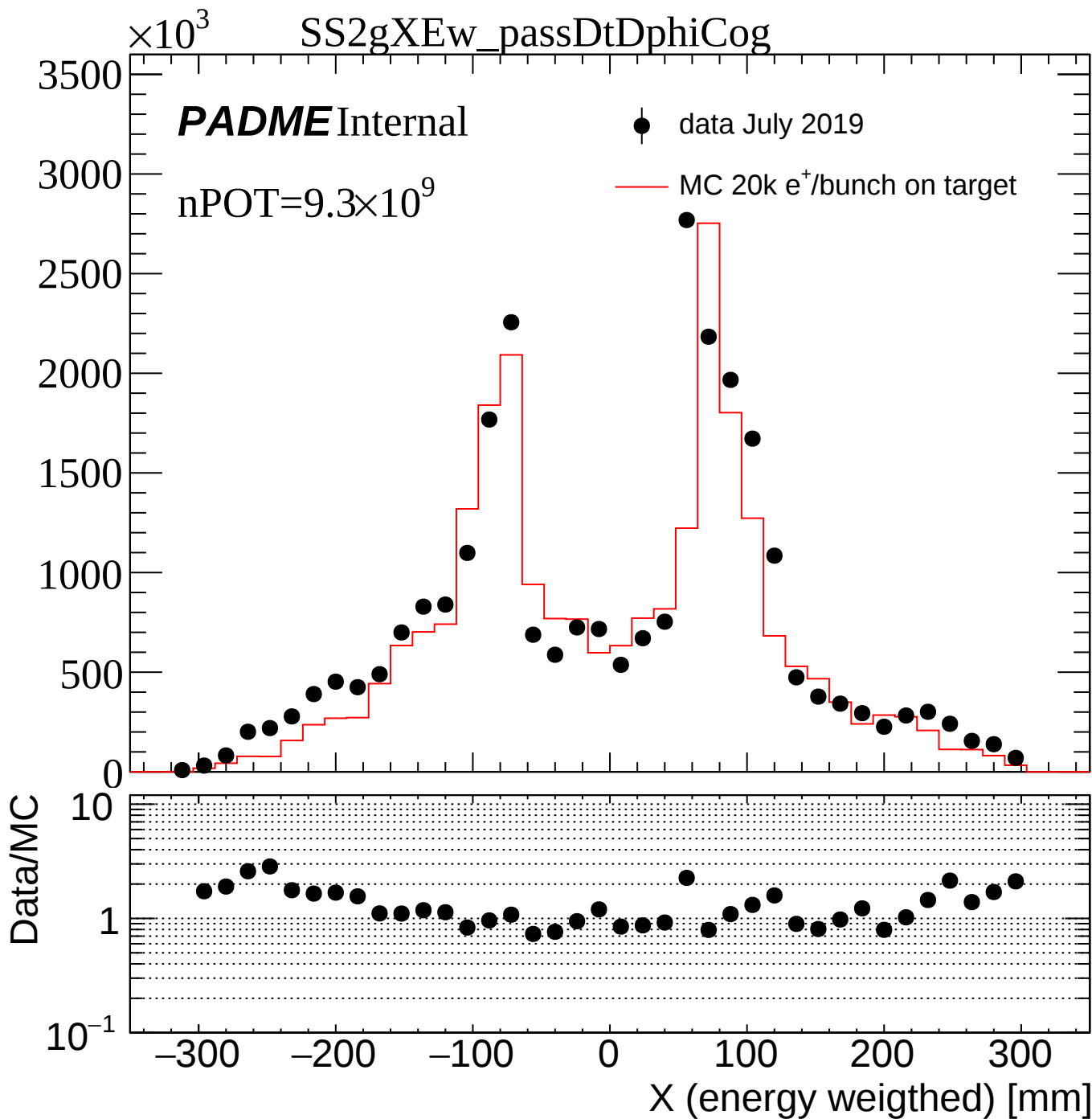


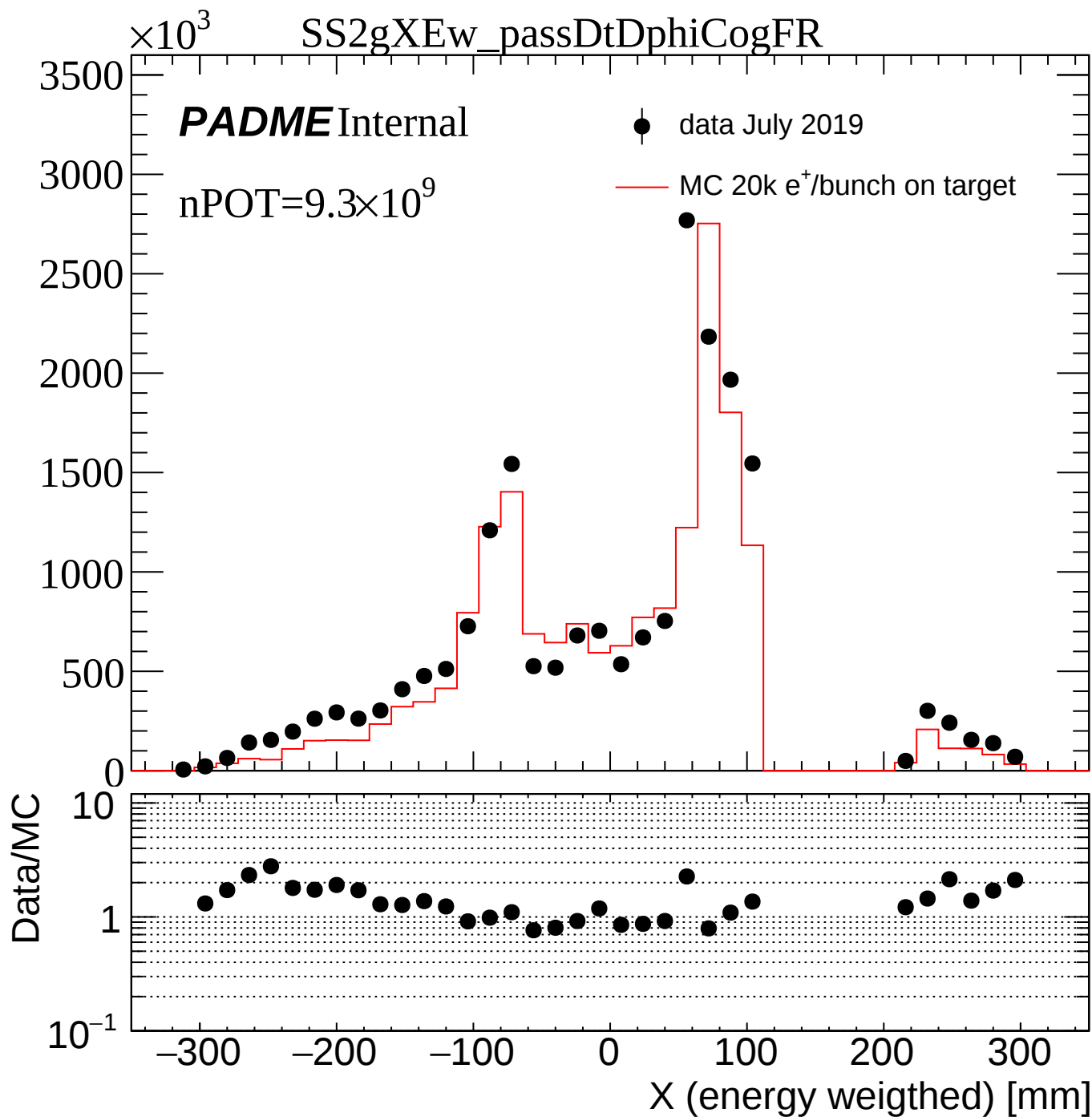
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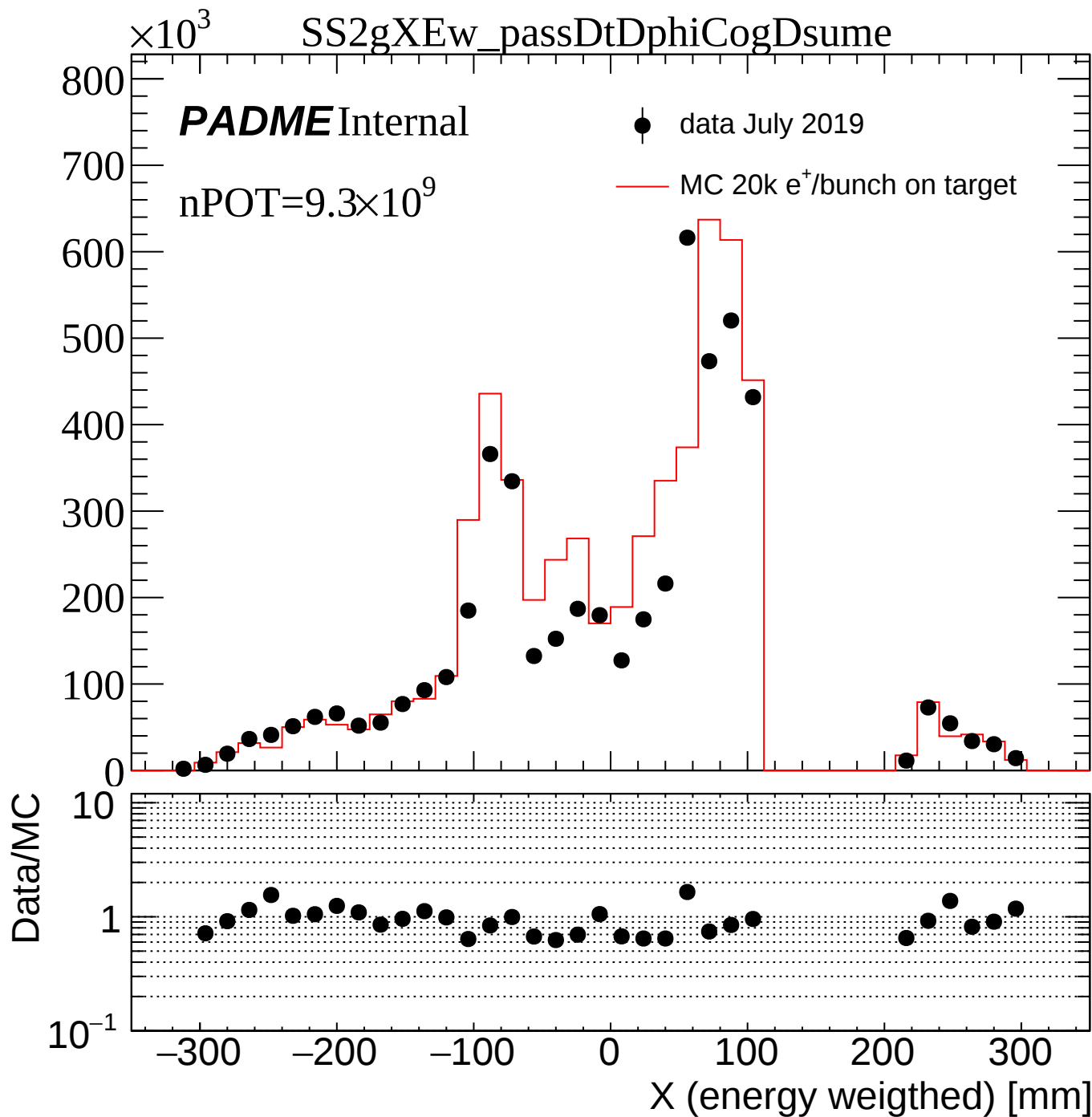












$\times 10^6$ SS2gYEw_passDt

PADME Internal

nPOT= 9.3×10^9

data July 2019

MC 20k e⁺/bunch on target

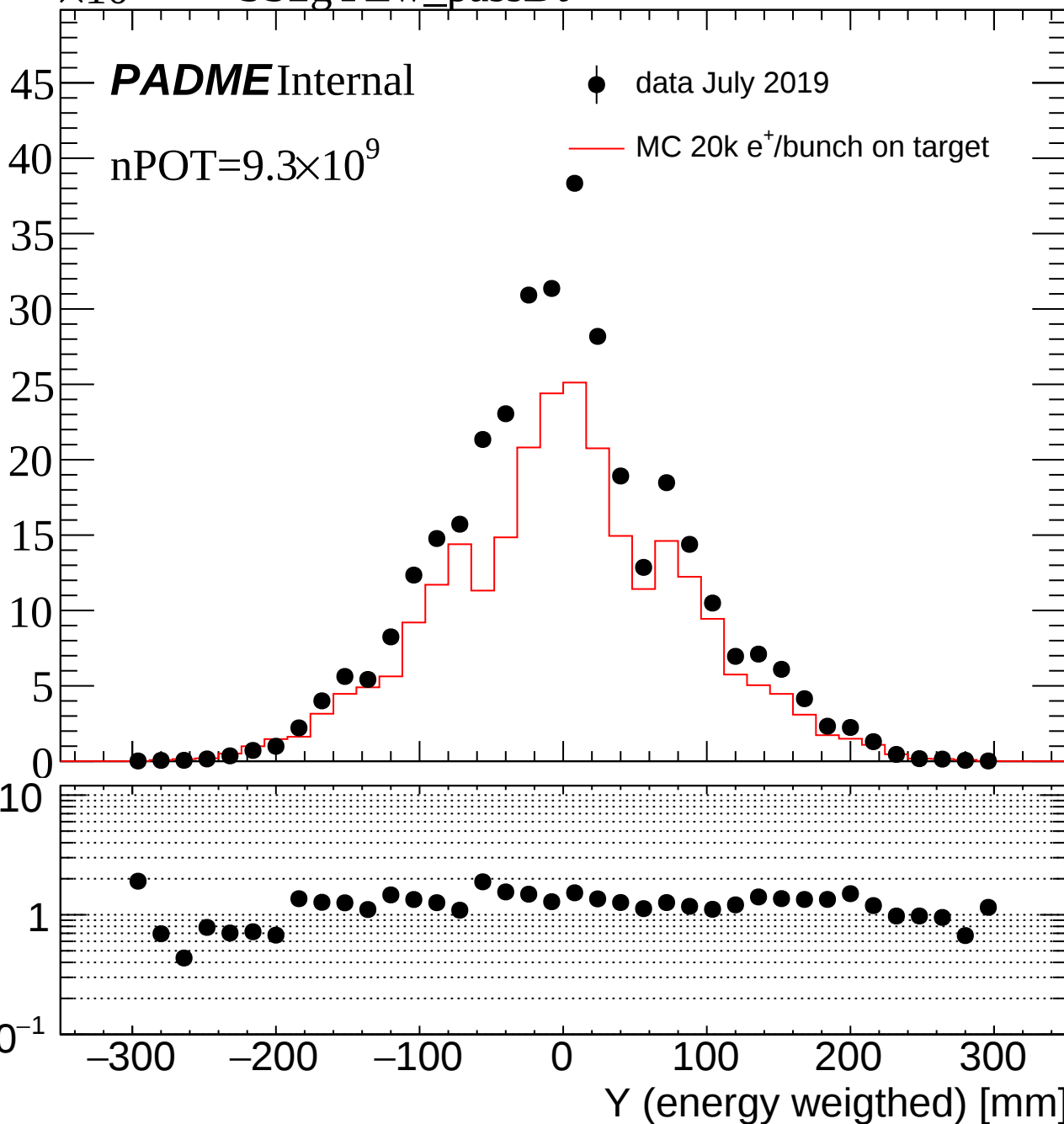
Data/MC

10

1

10^{-1}

Y (energy weighed) [mm]



SS2gYEw_passDtDphi

PADME Internal

nPOT=9.3×10⁹

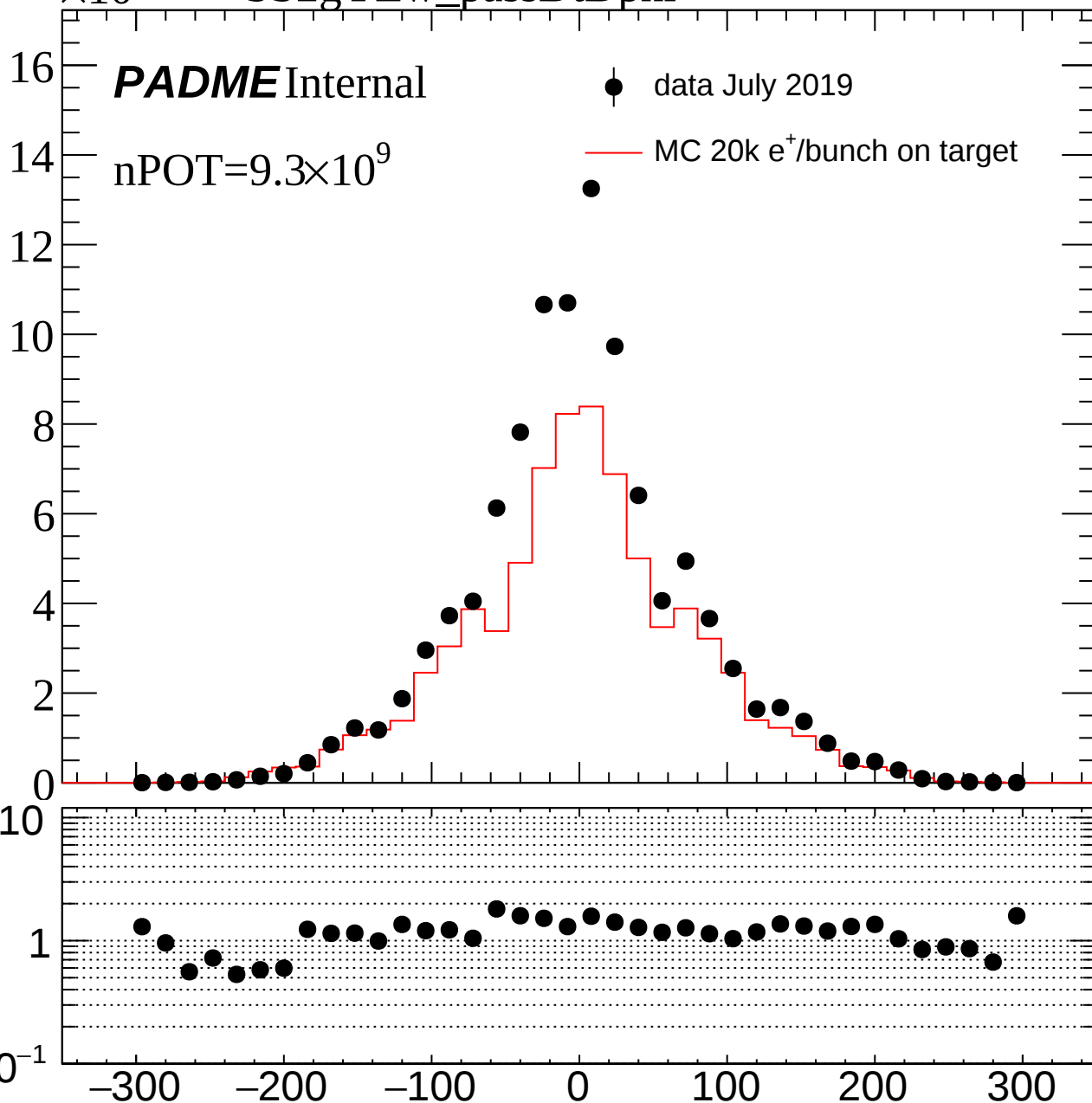
data July 2019

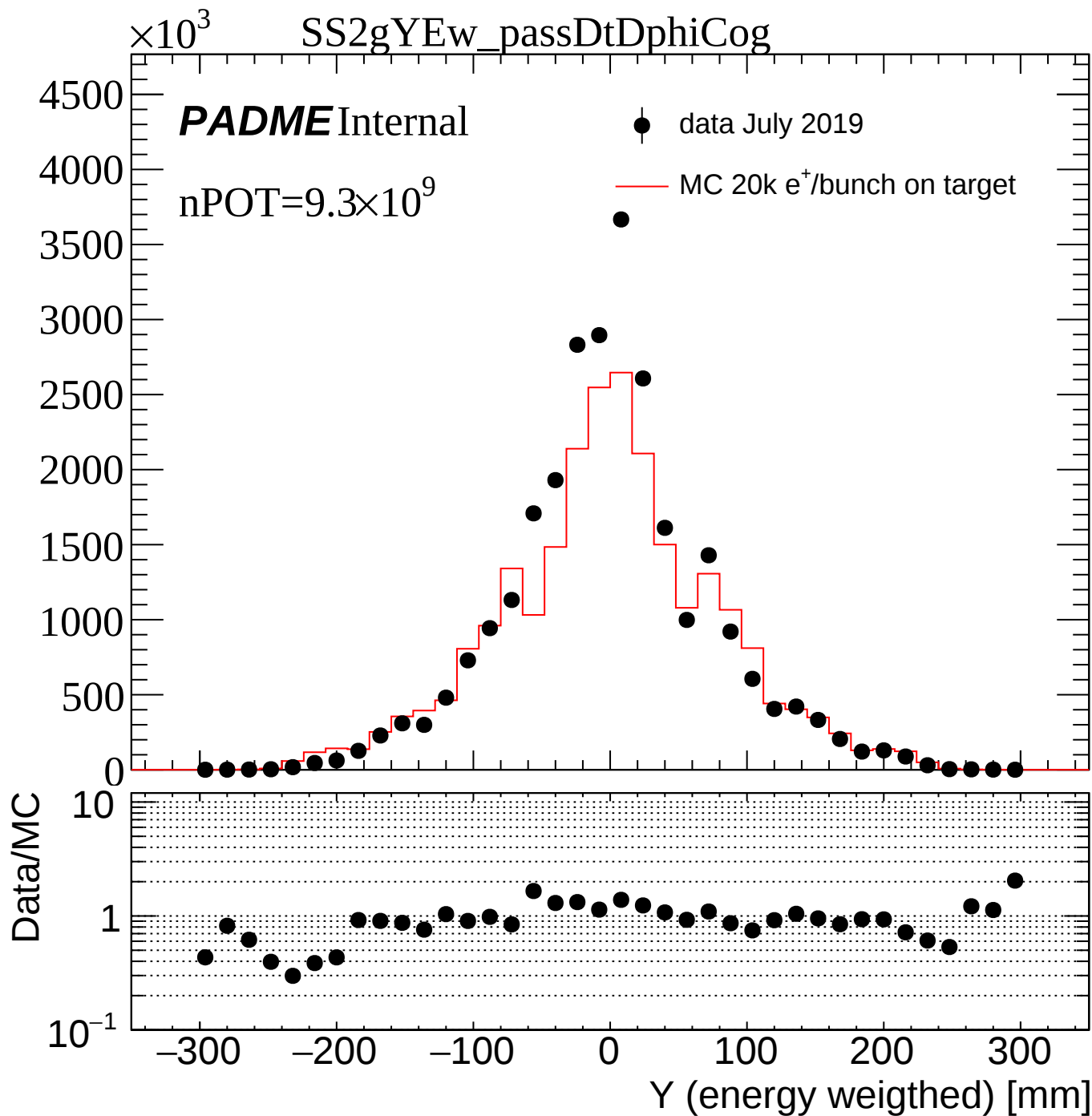
MC 20k e⁺/bunch on target

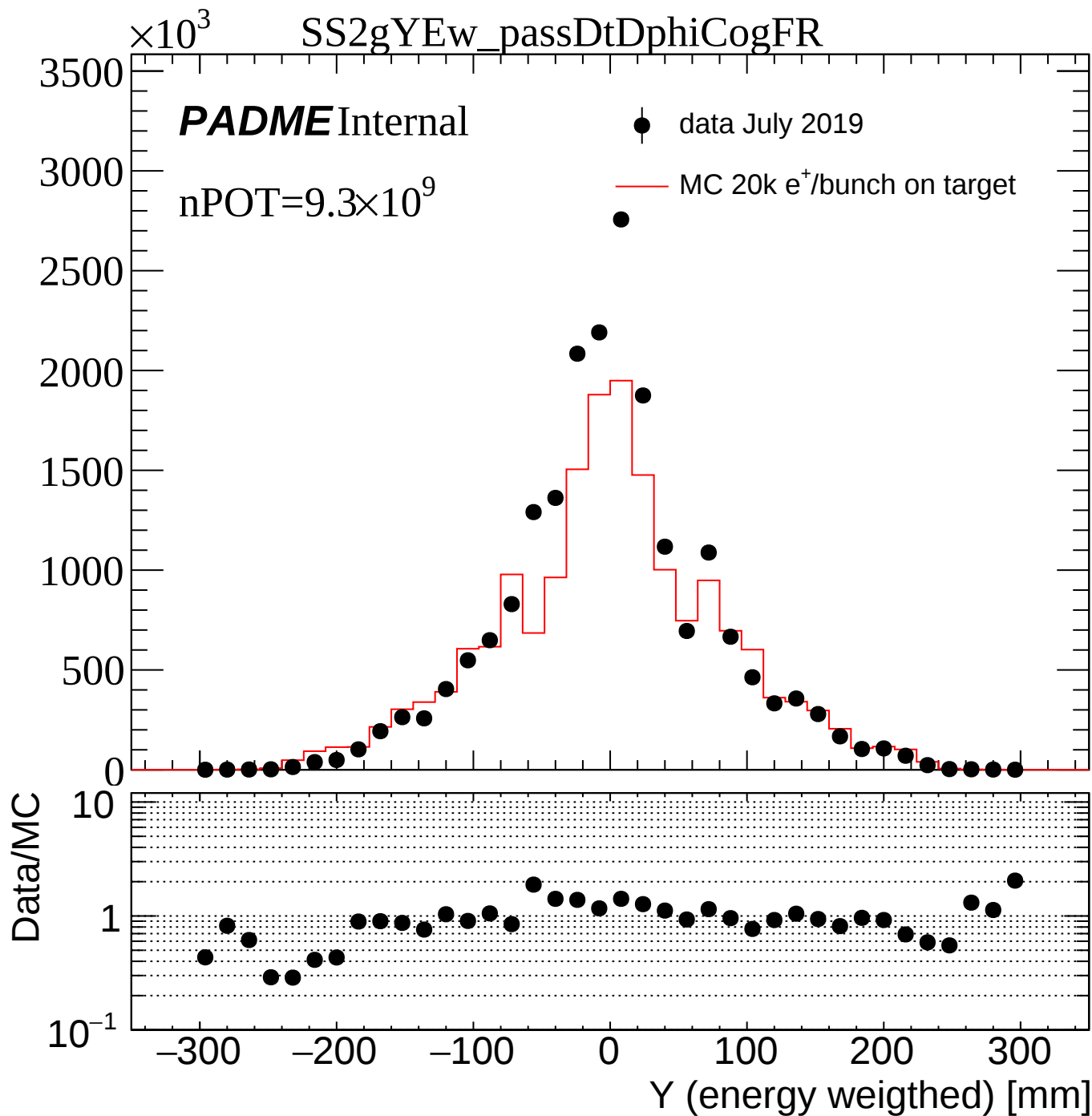
Data/MC

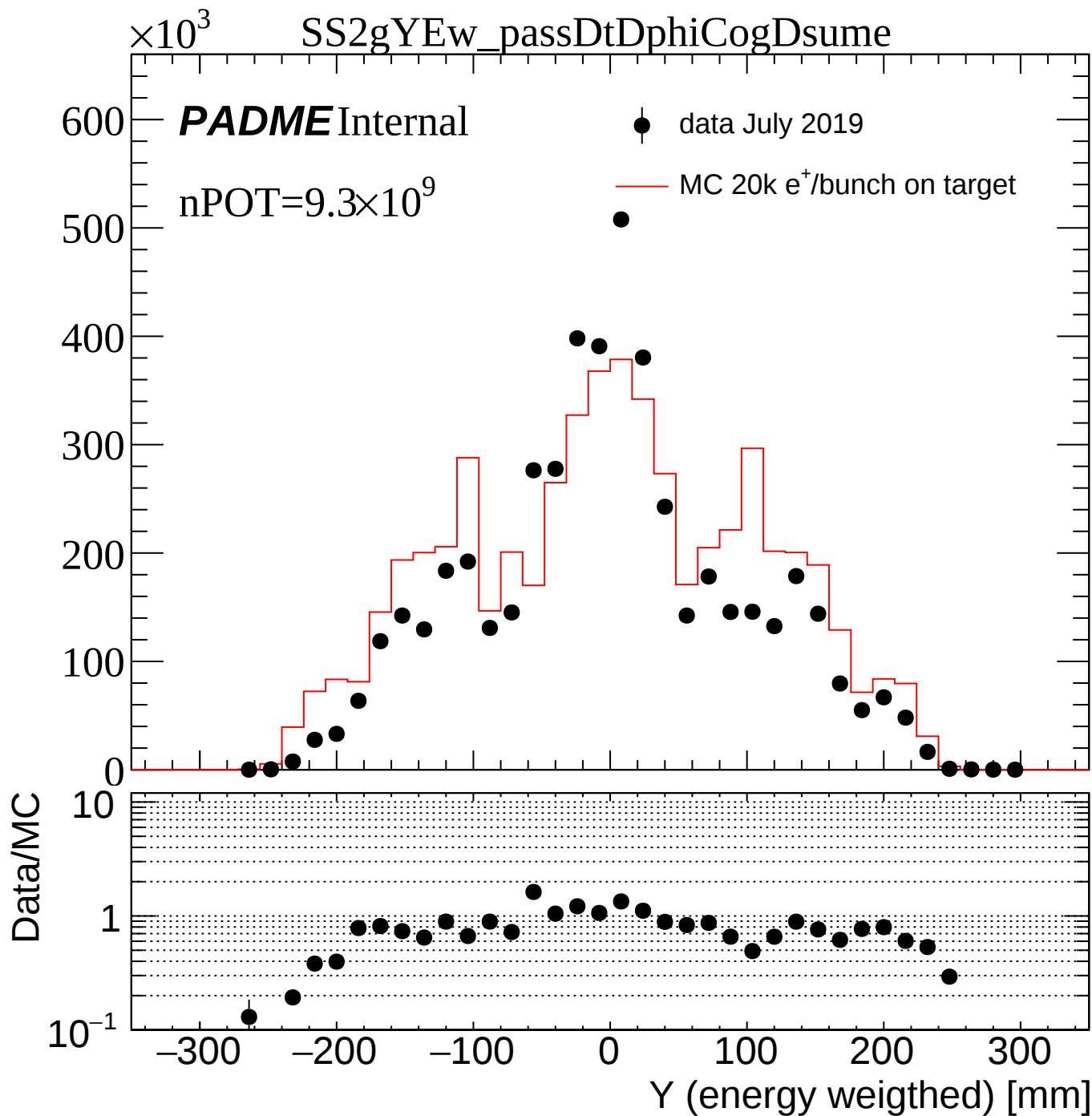
10
1
10⁻¹

Y (energy weighed) [mm]

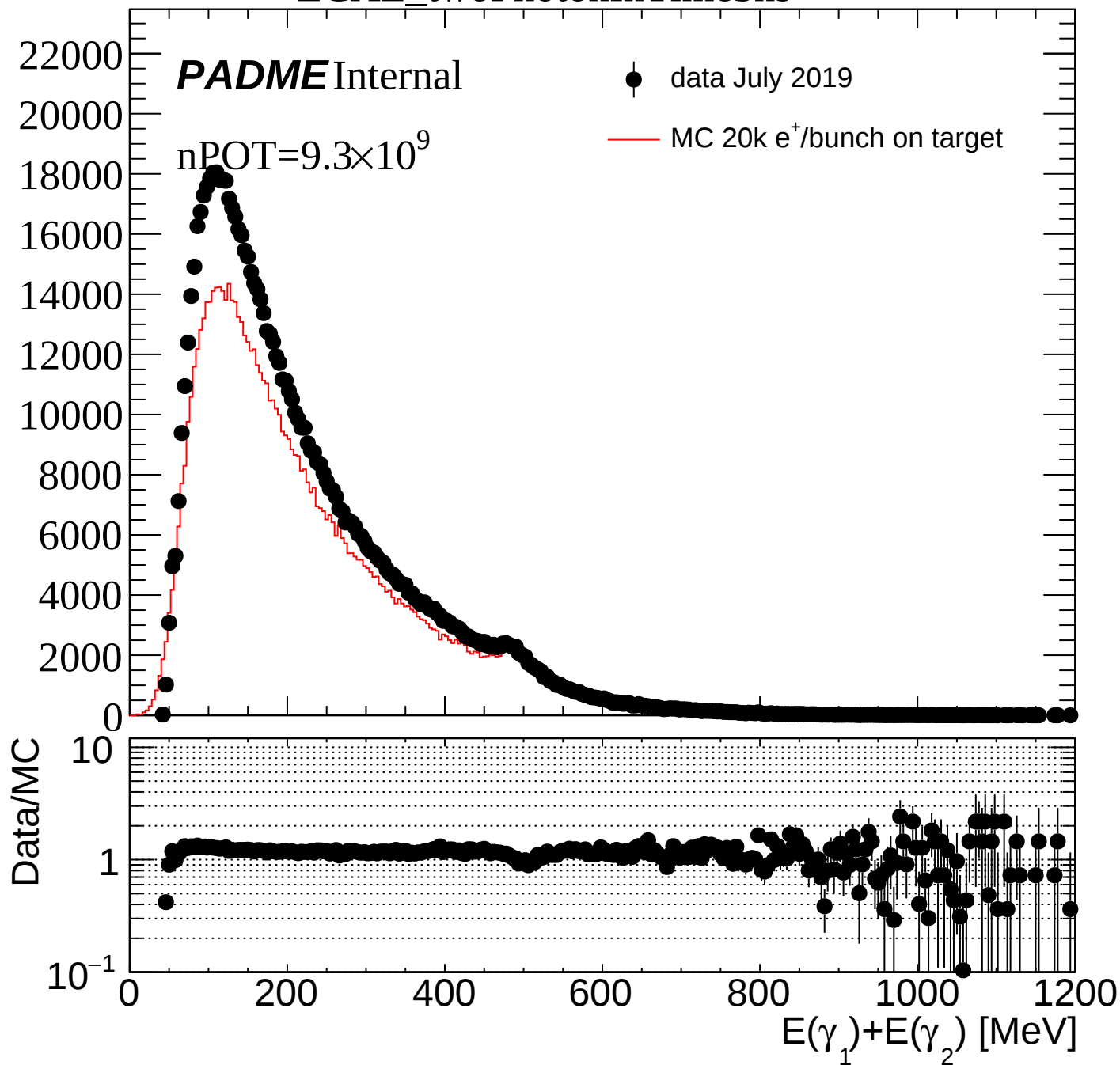


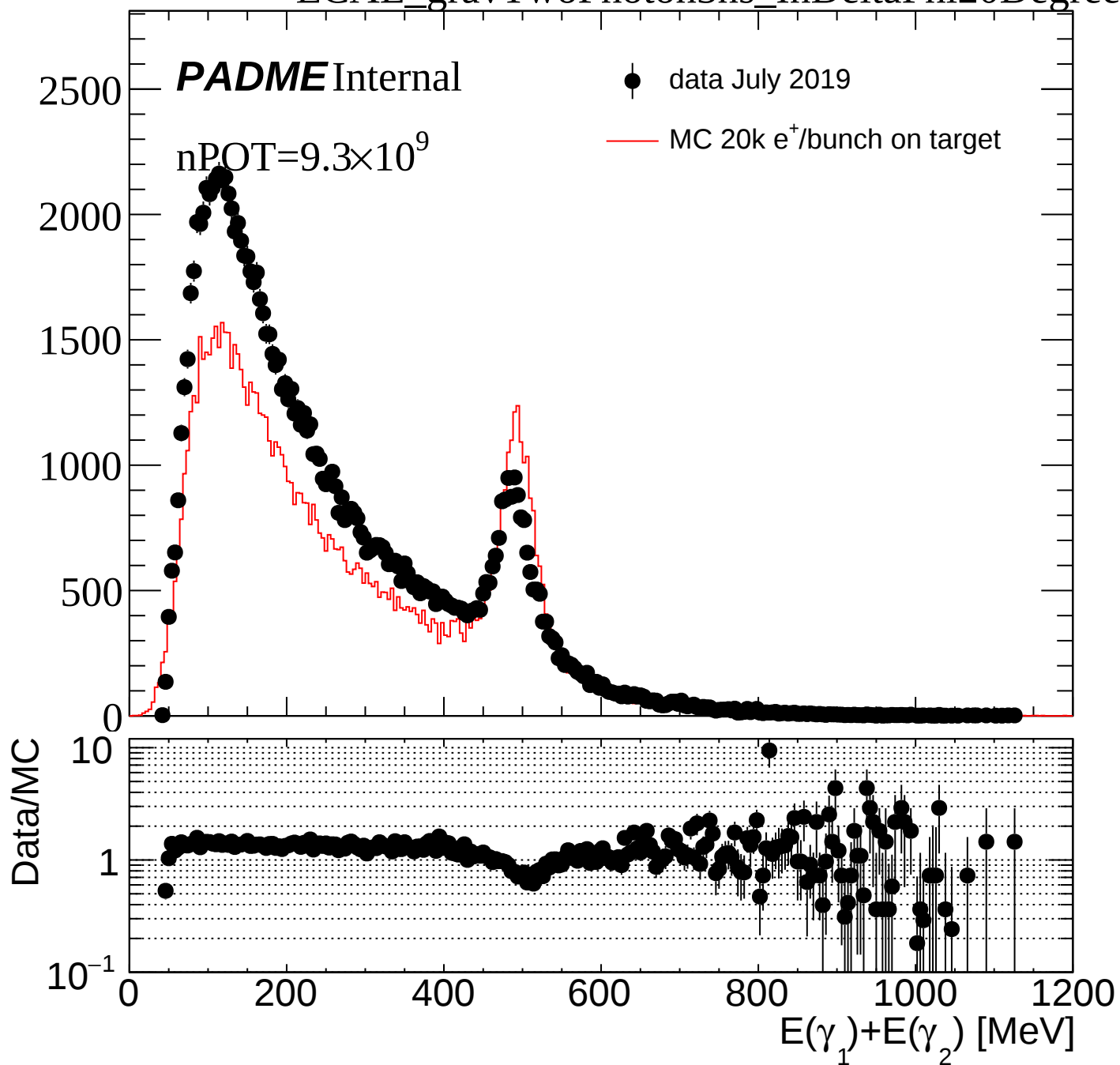


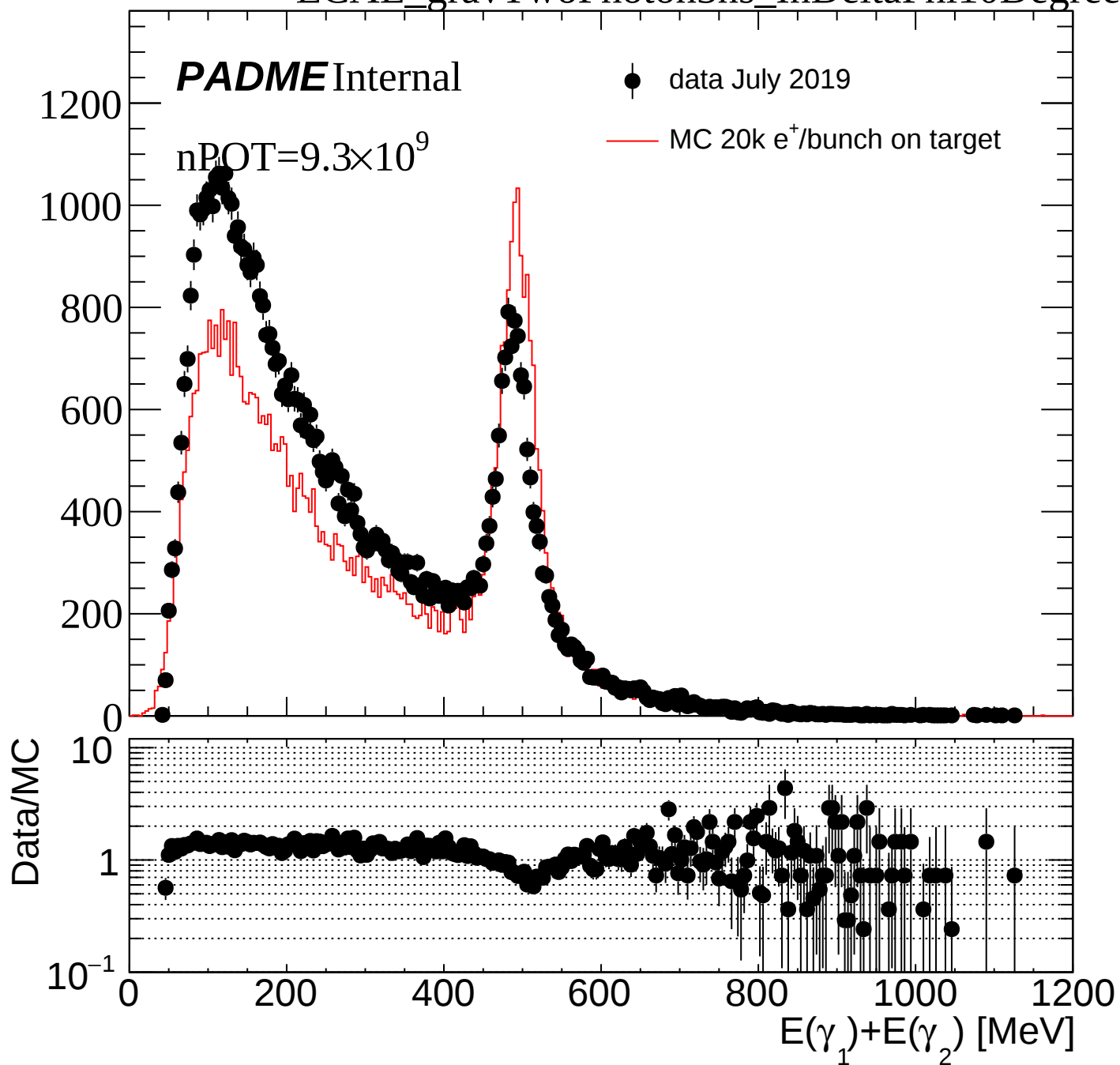


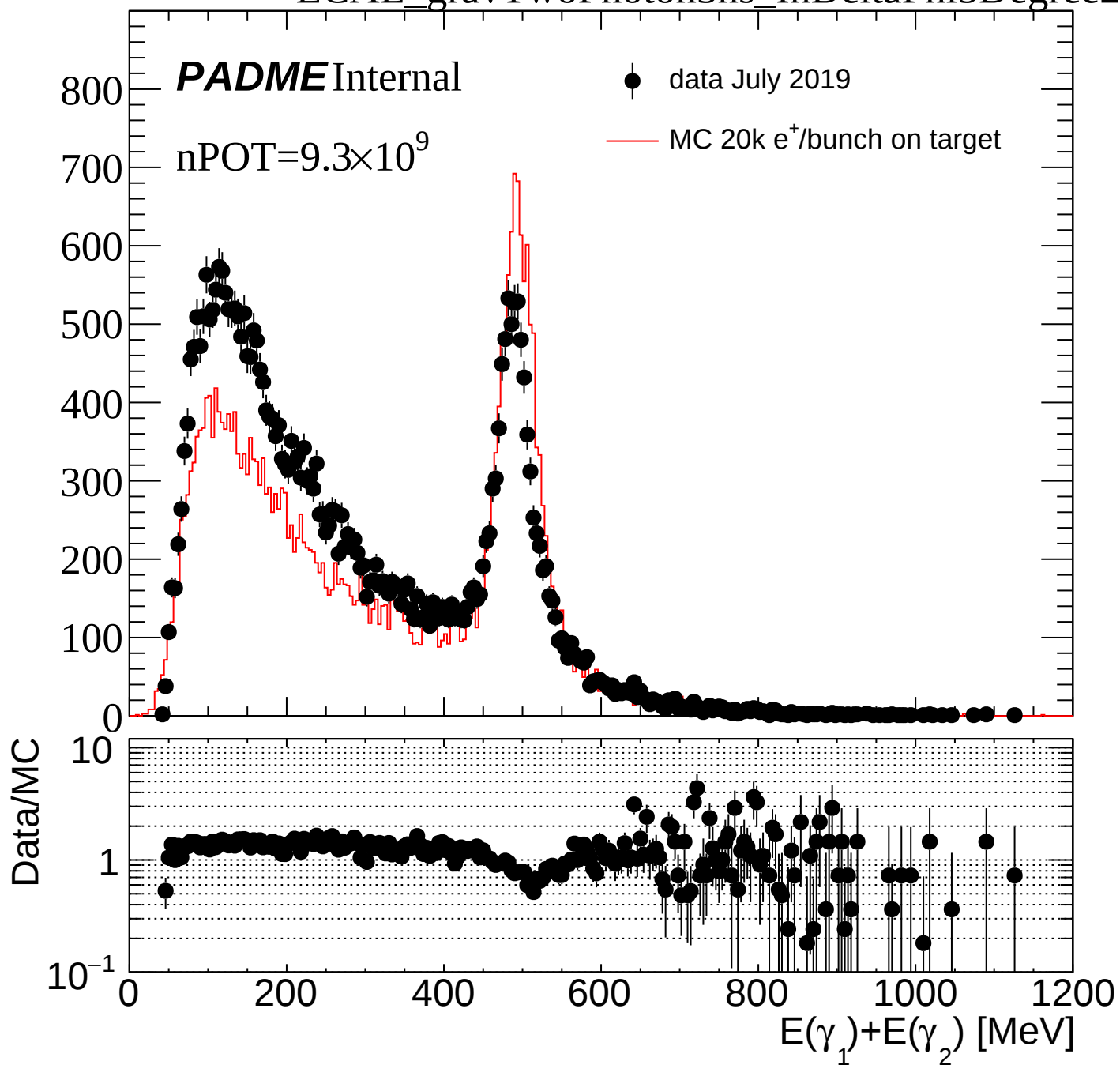


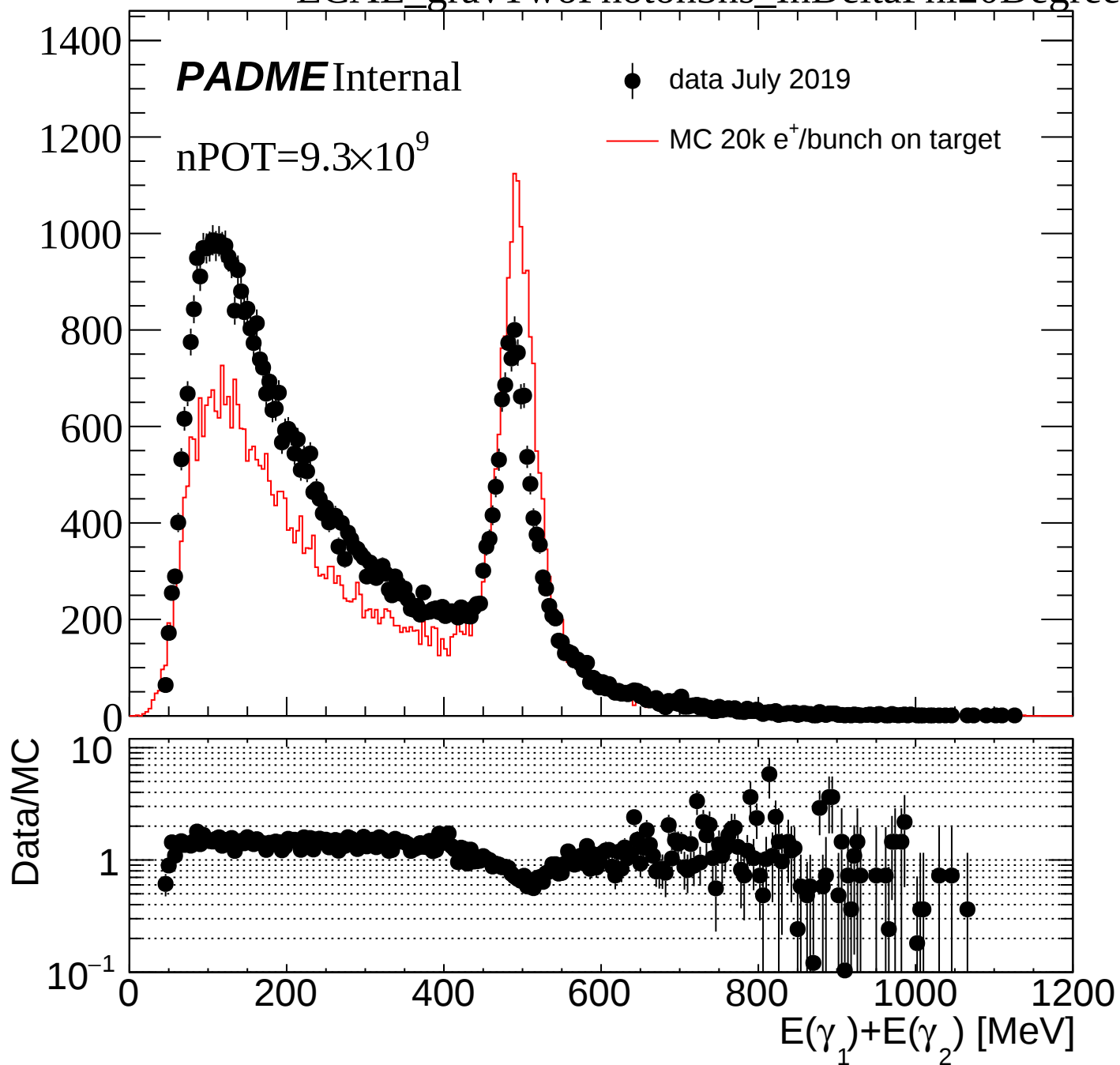
ECAL_twoPhotonInTime3ns

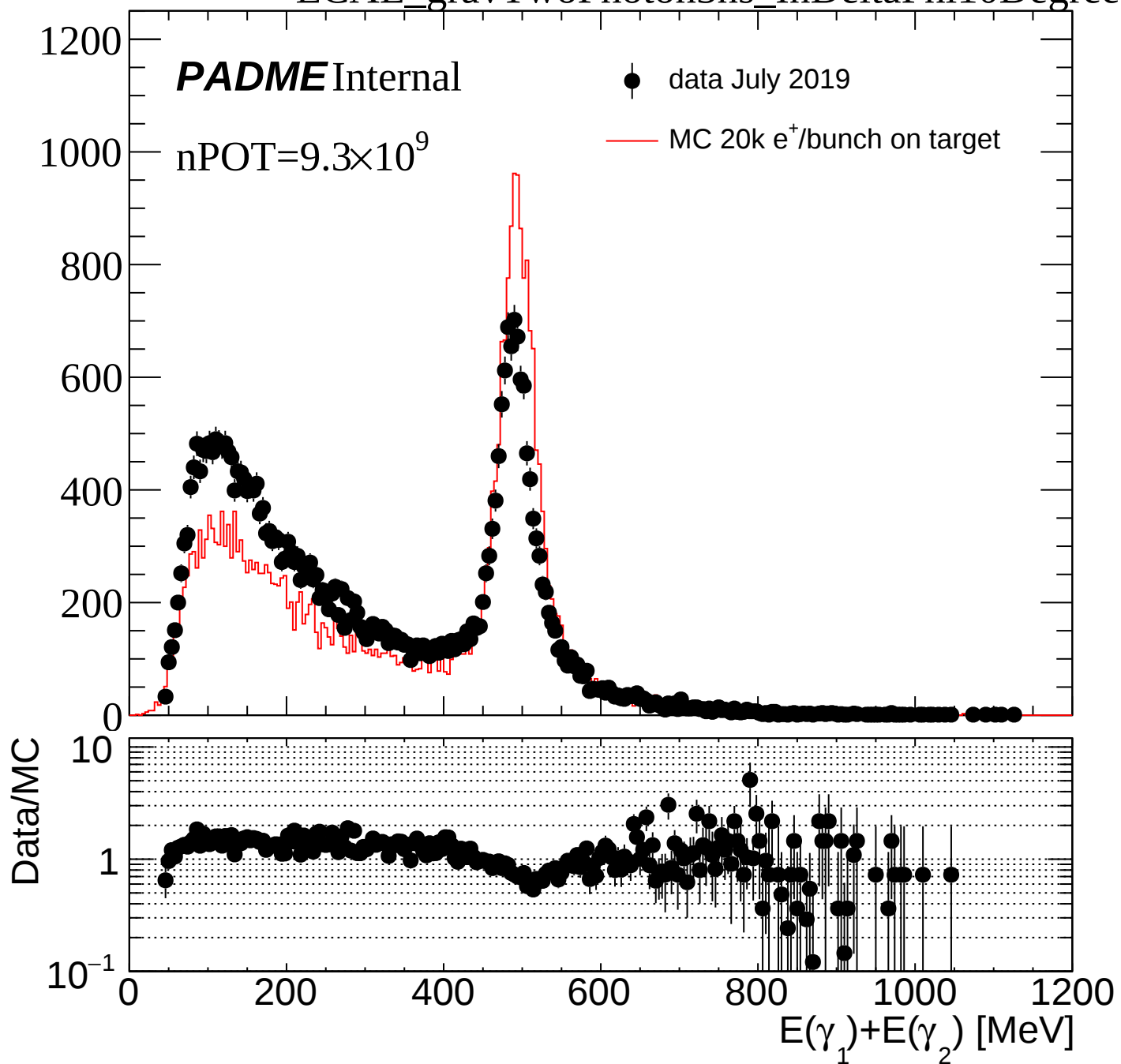




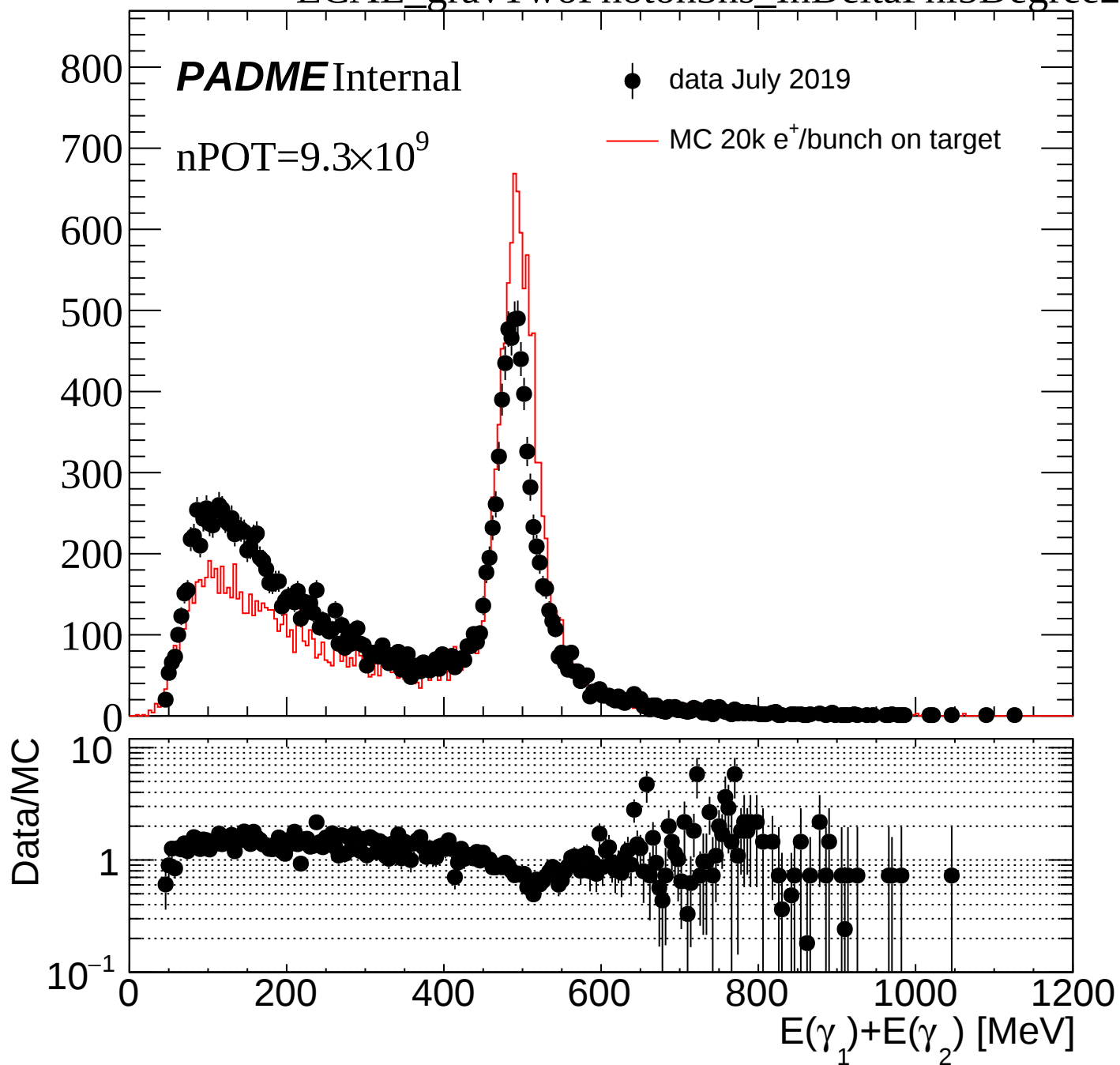




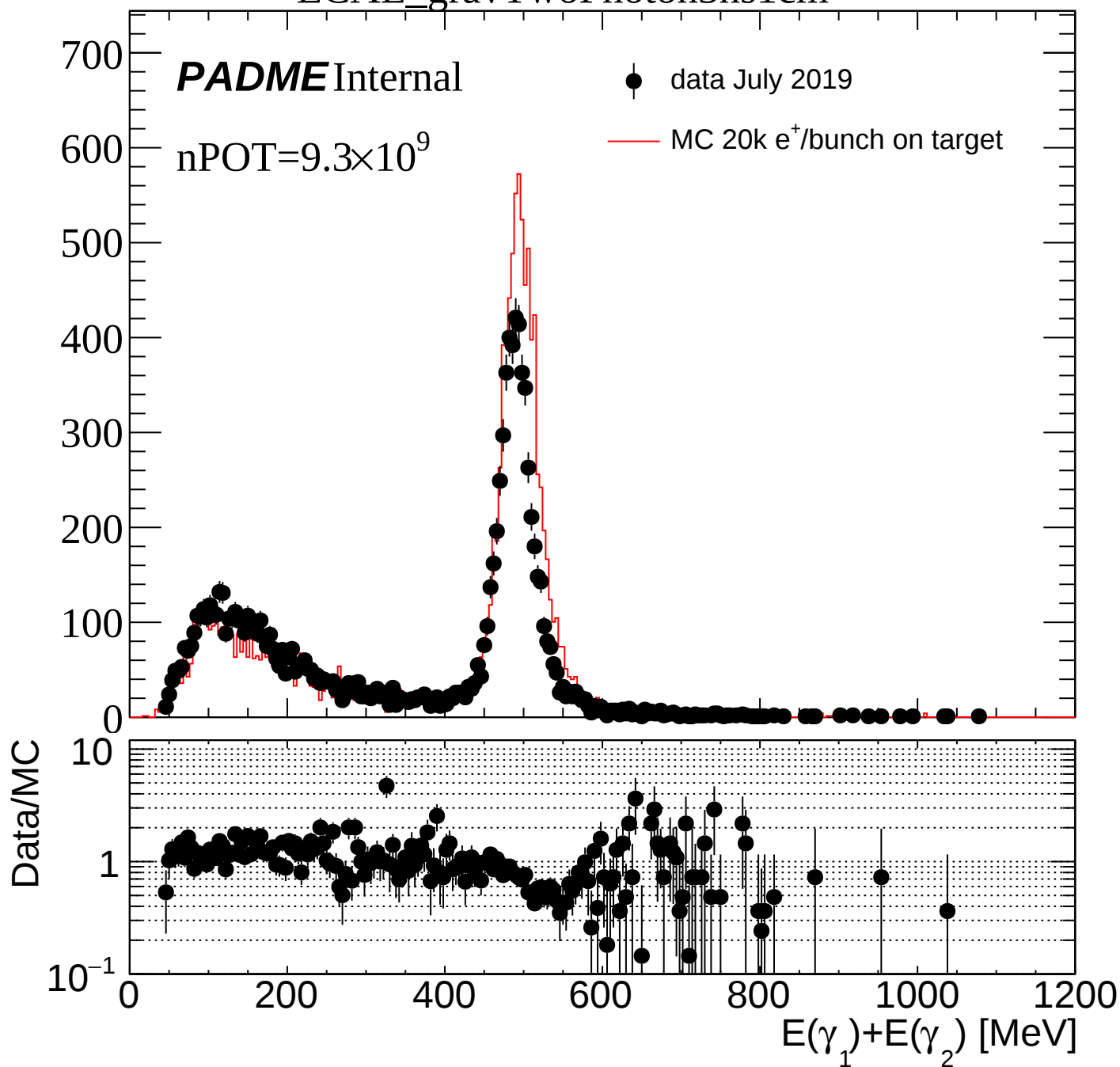




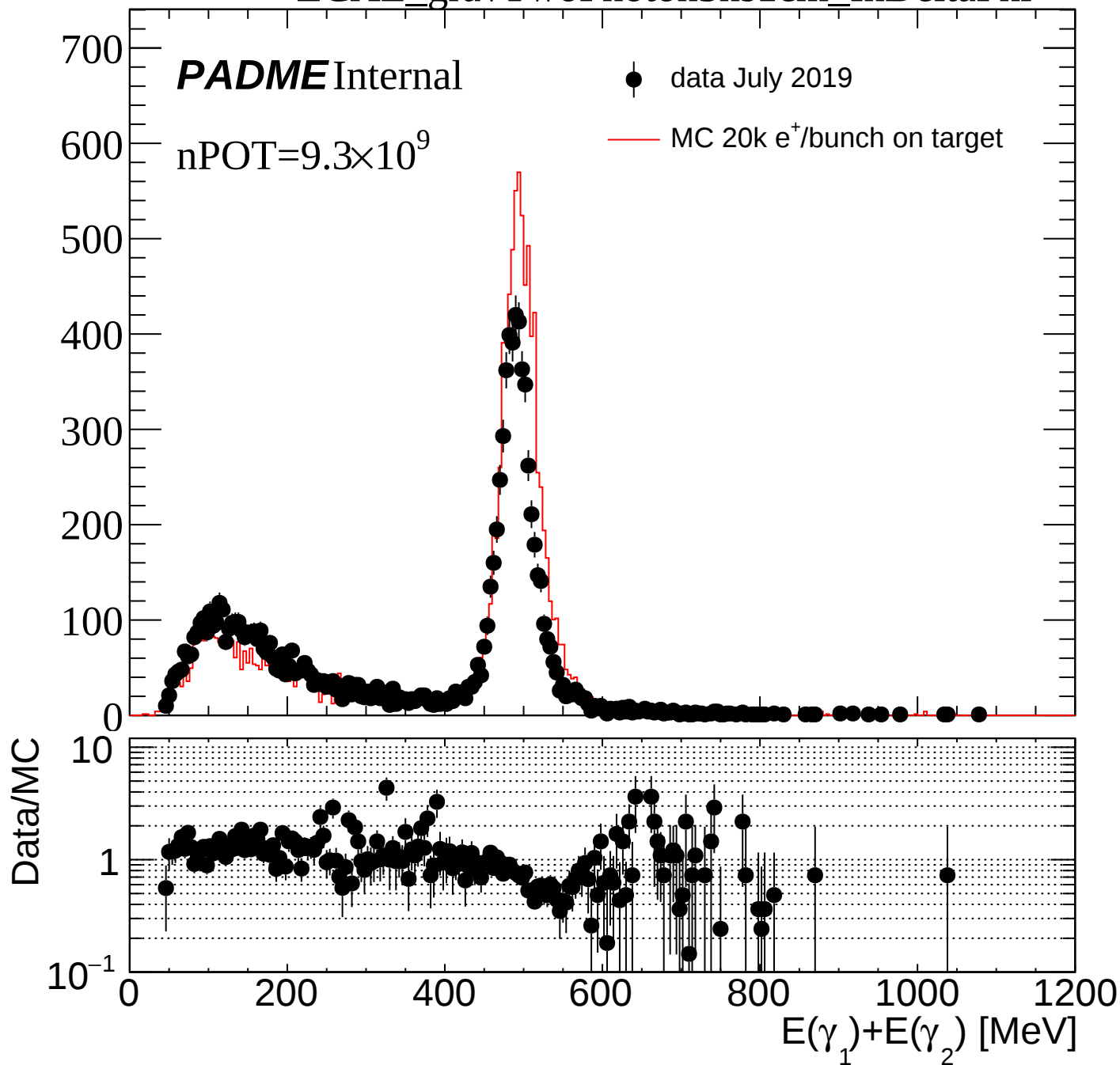
ECAL_gravTwoPhoton3ns_InDeltaPhi5Degree2M

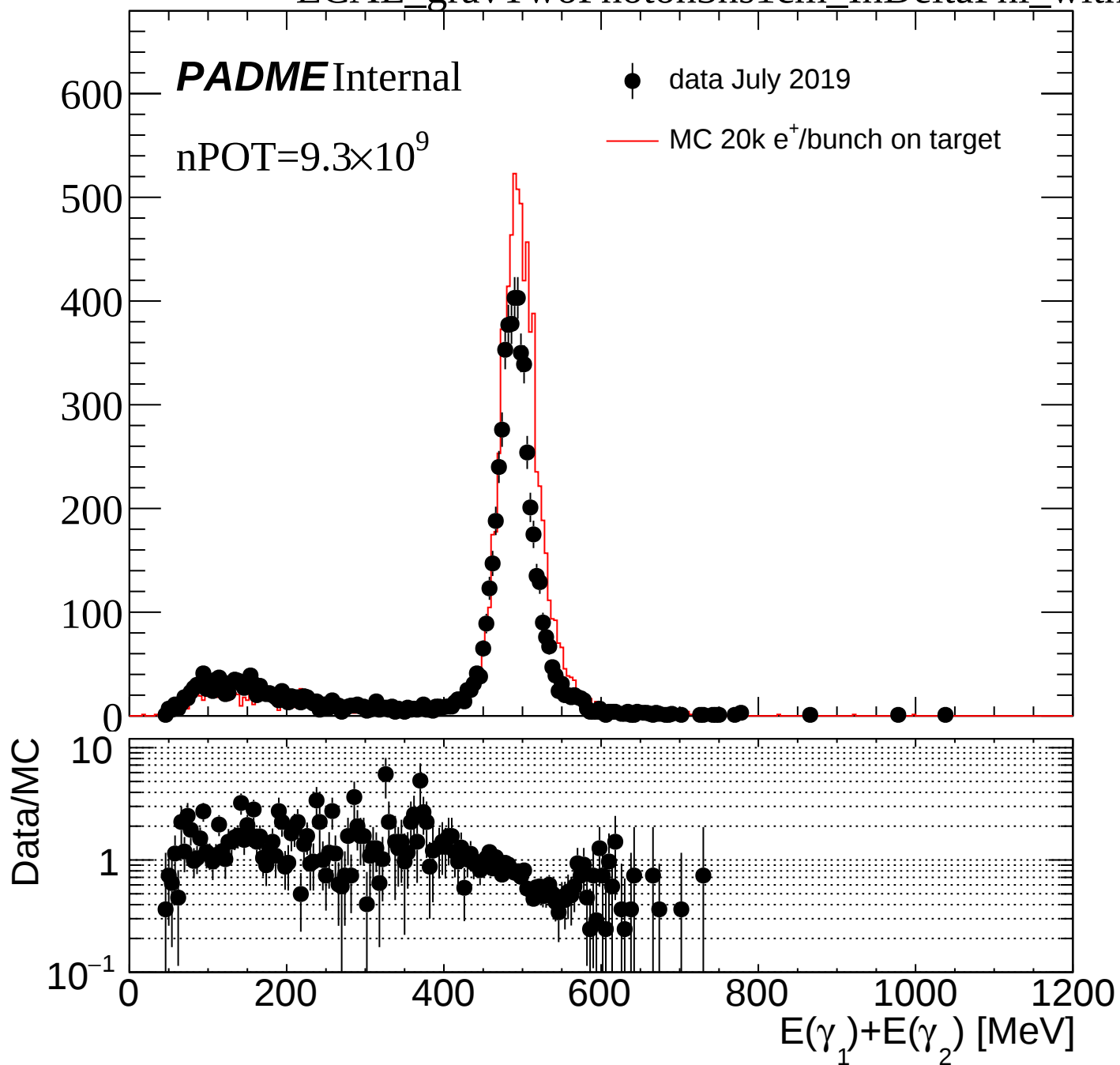


ECAL_gravTwoPhoton3ns1cm

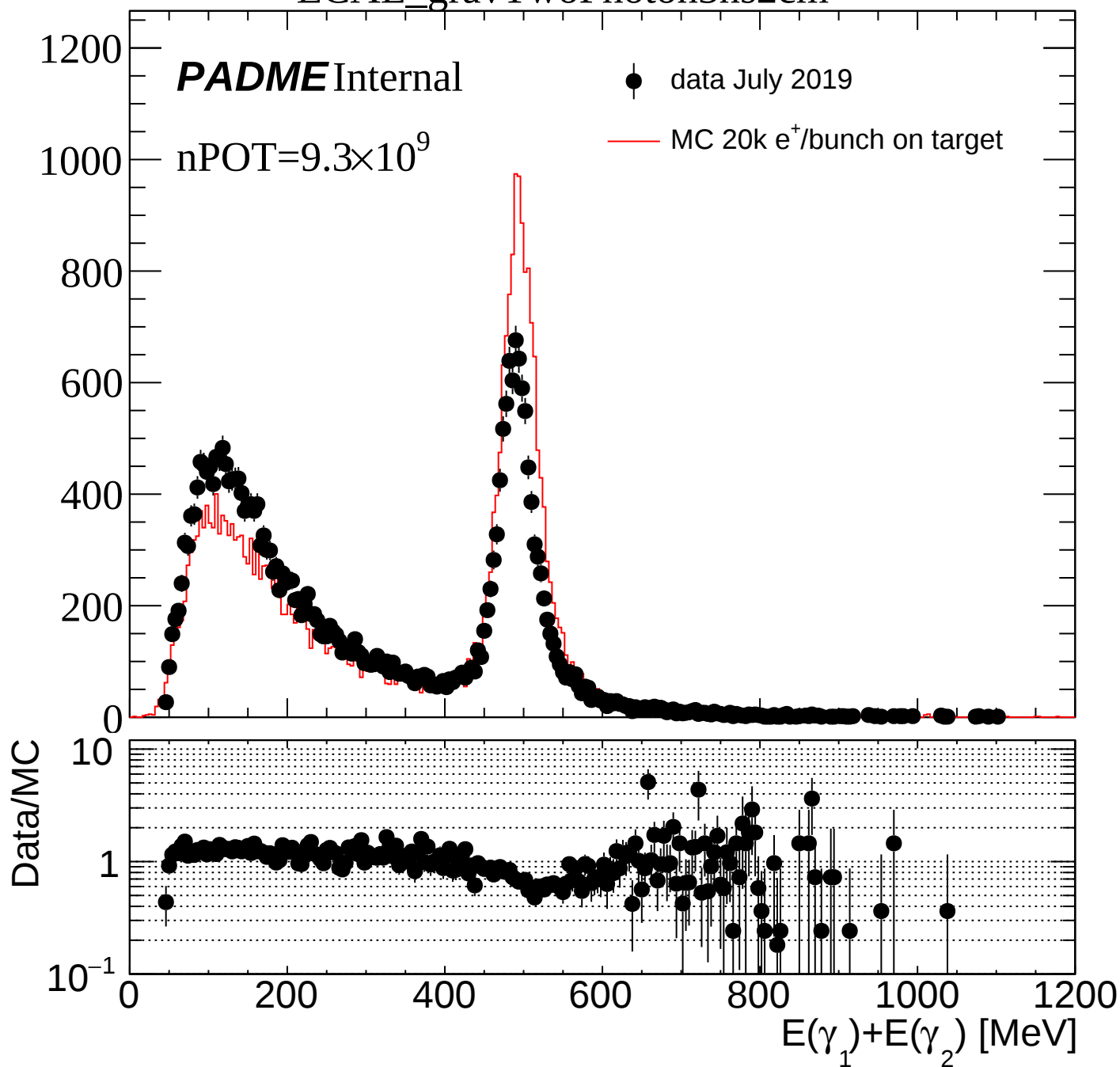


ECAL_gravTwoPhoton3ns1cm_InDeltaPhi

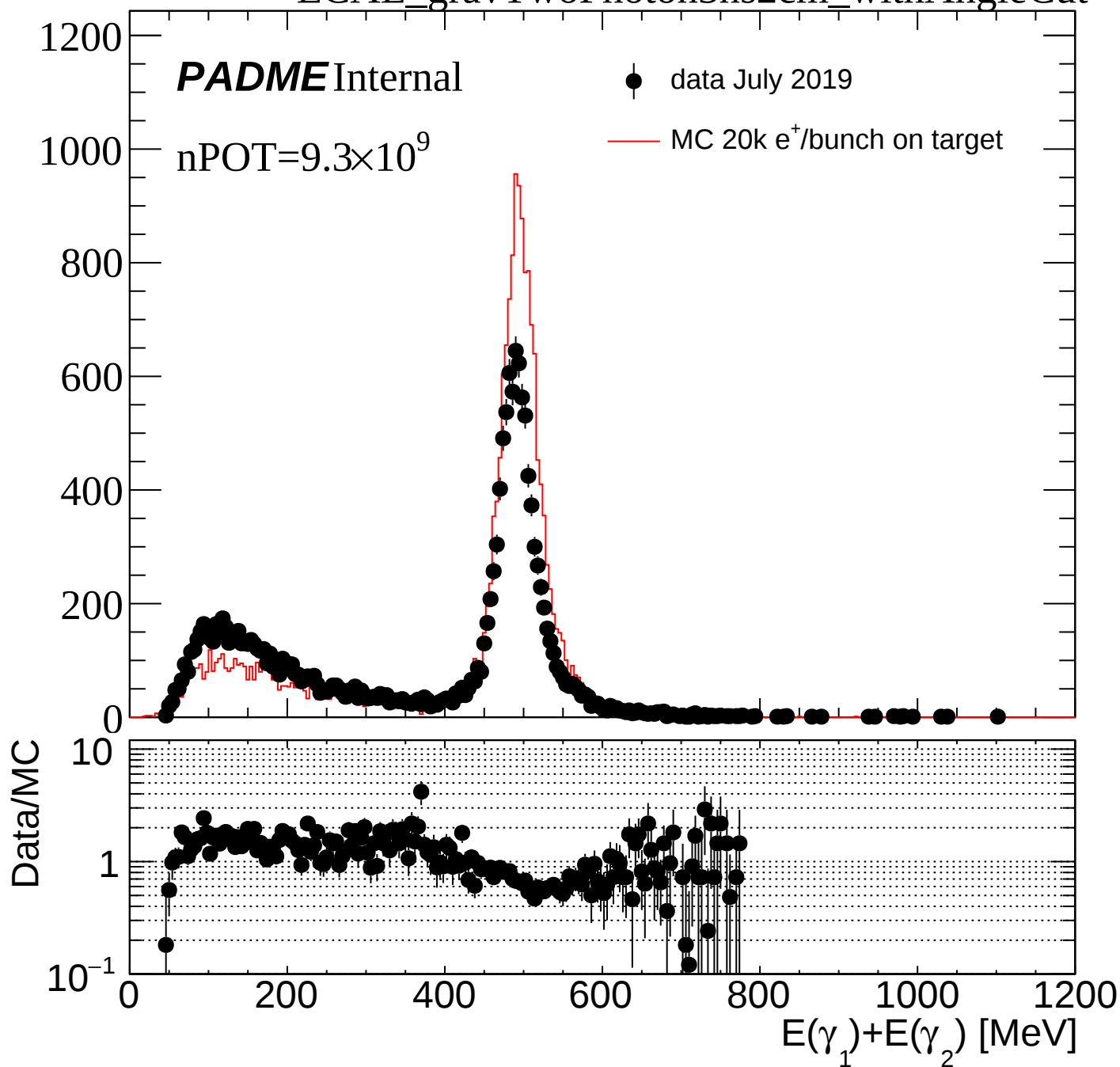


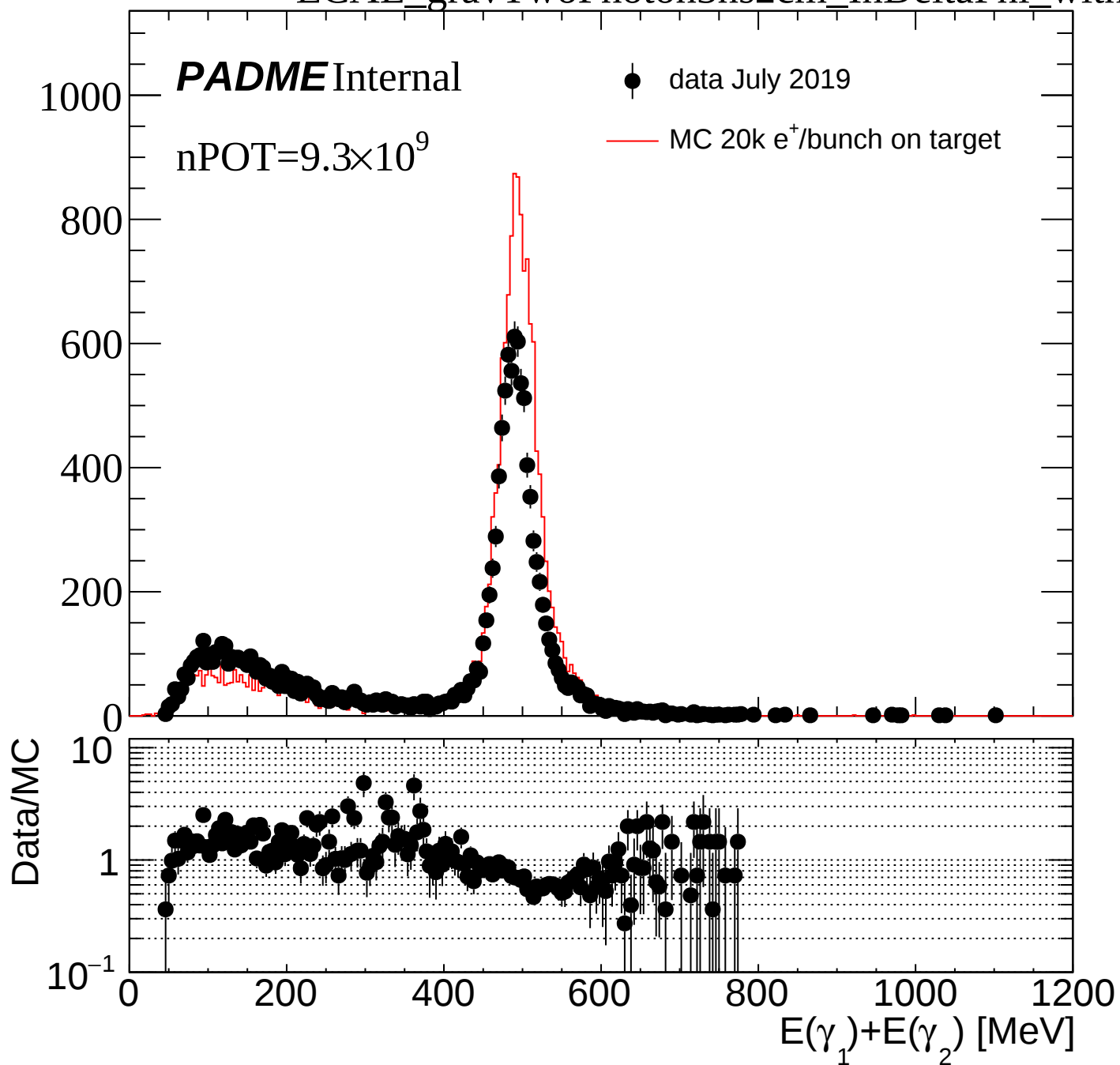


ECAL_gravTwoPhoton3ns2cm

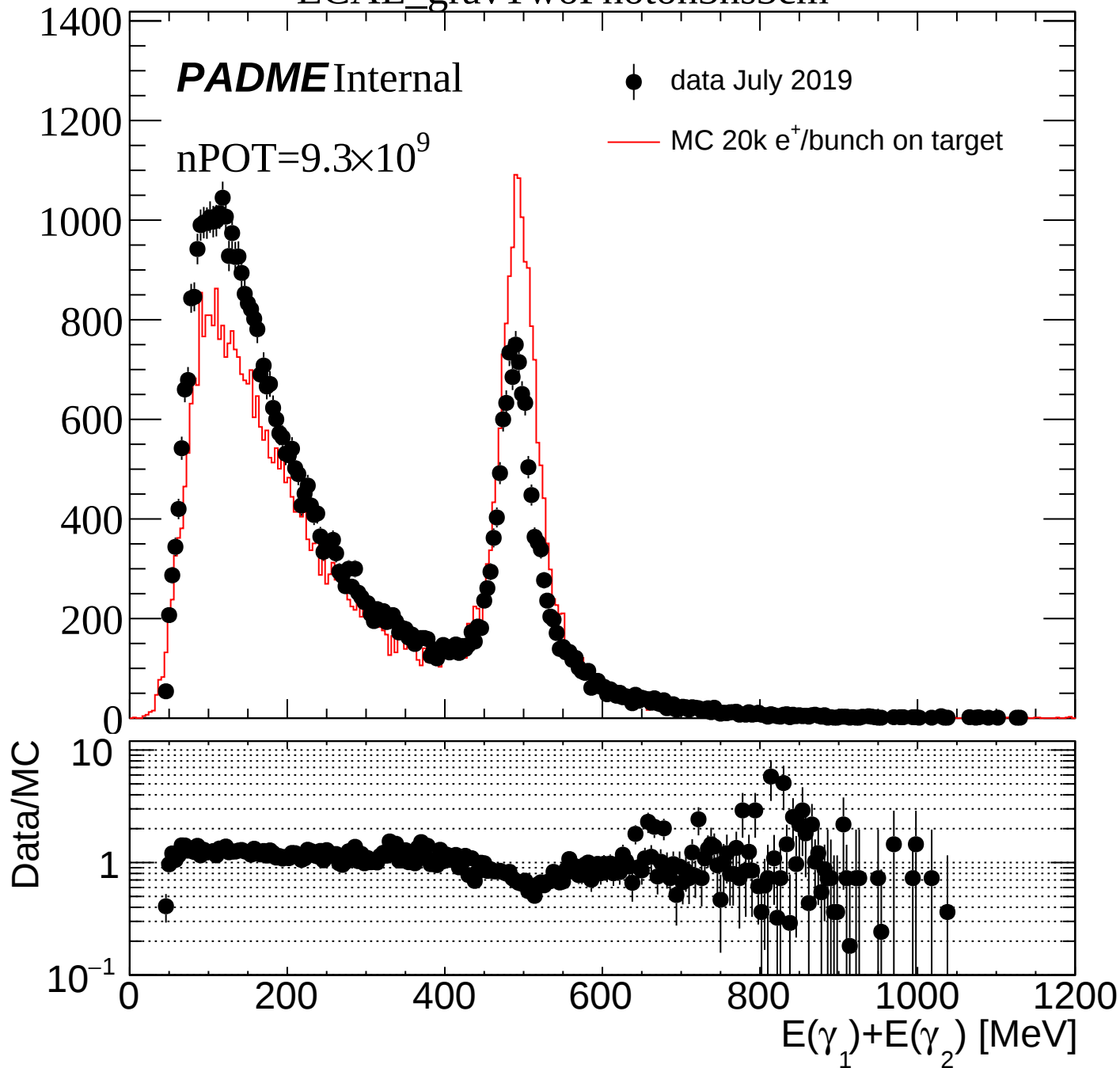


ECAL_gravTwoPhoton3ns2cm_withAngleCut

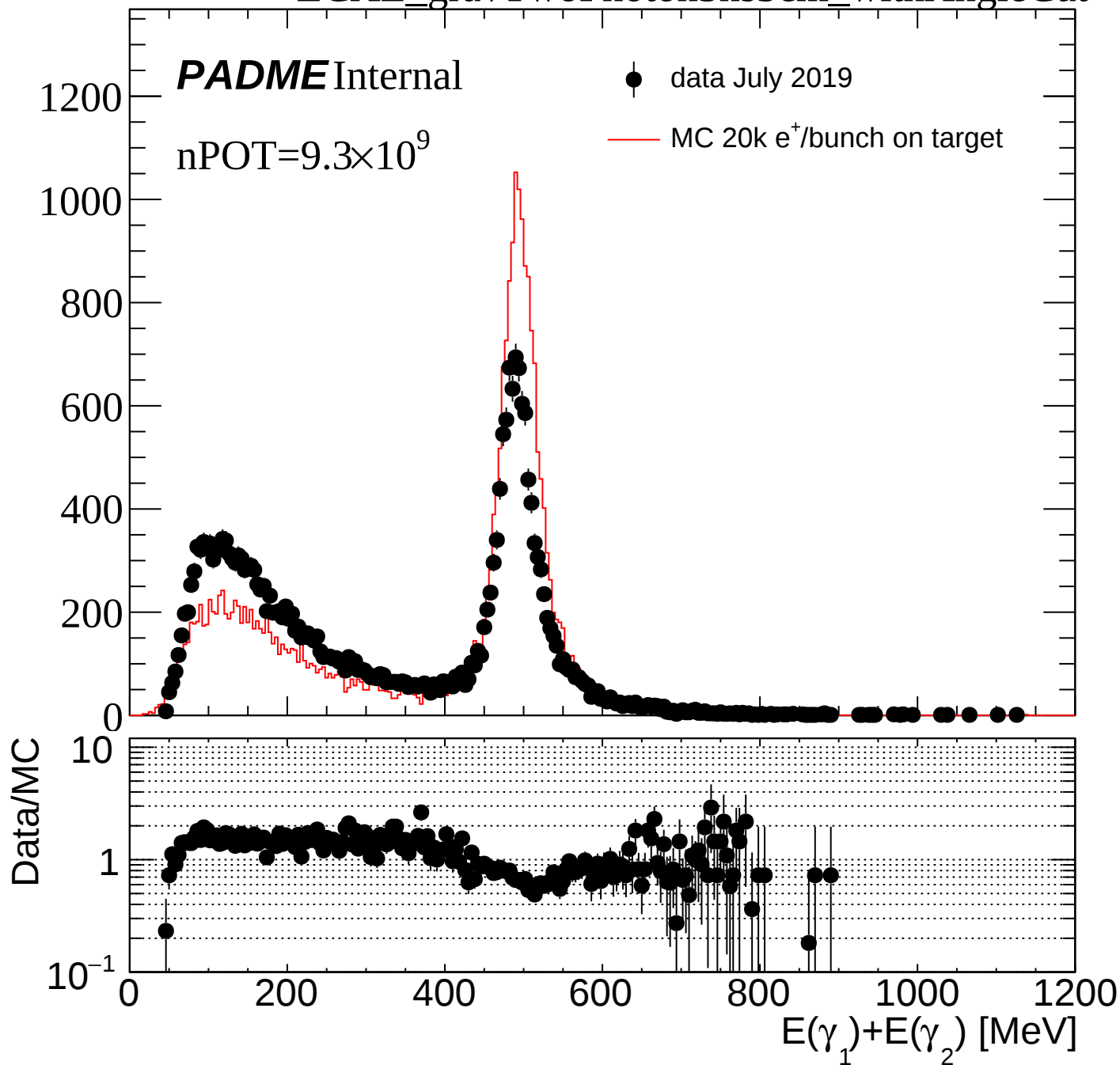


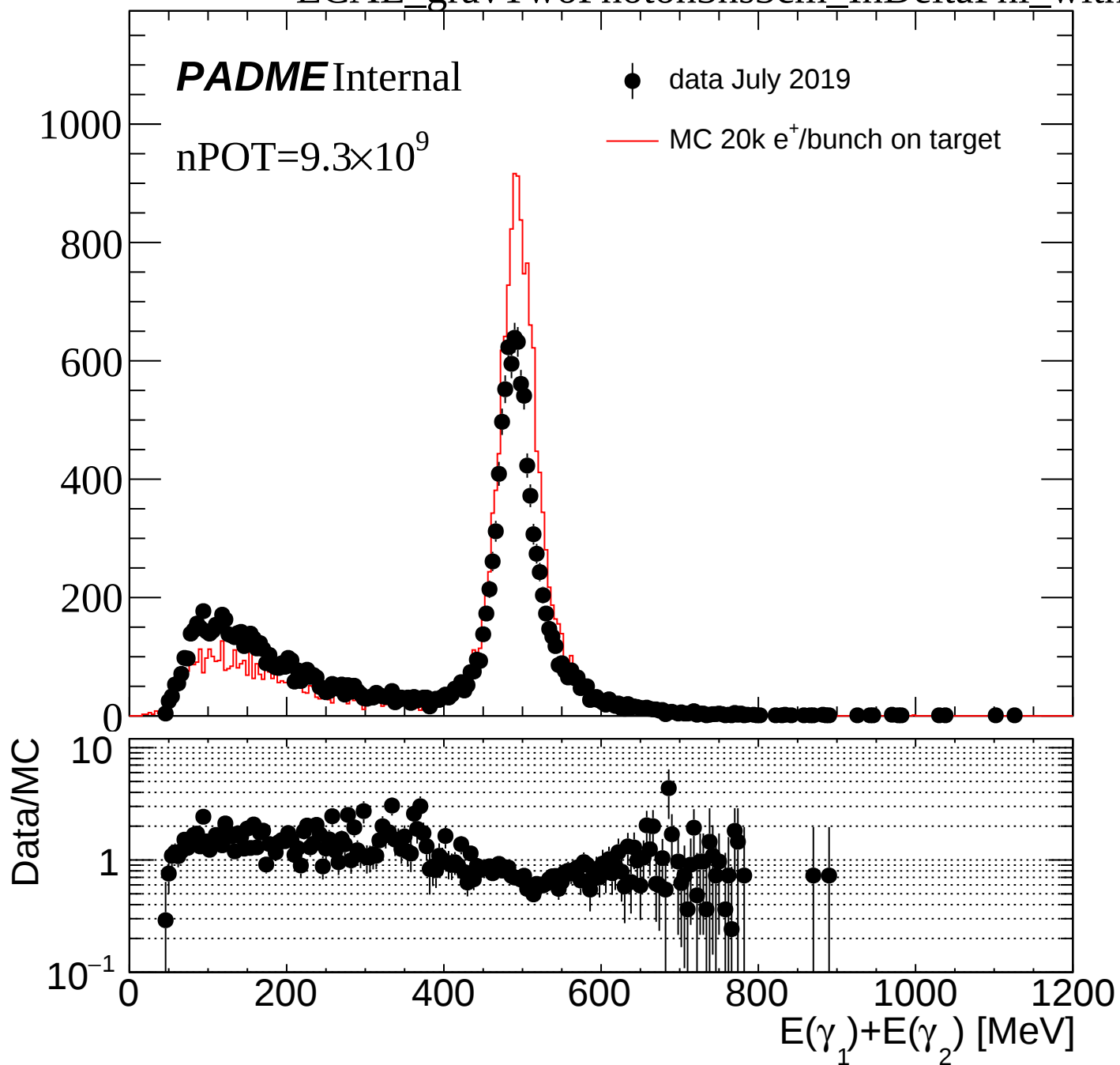


ECAL_gravTwoPhoton3ns3cm

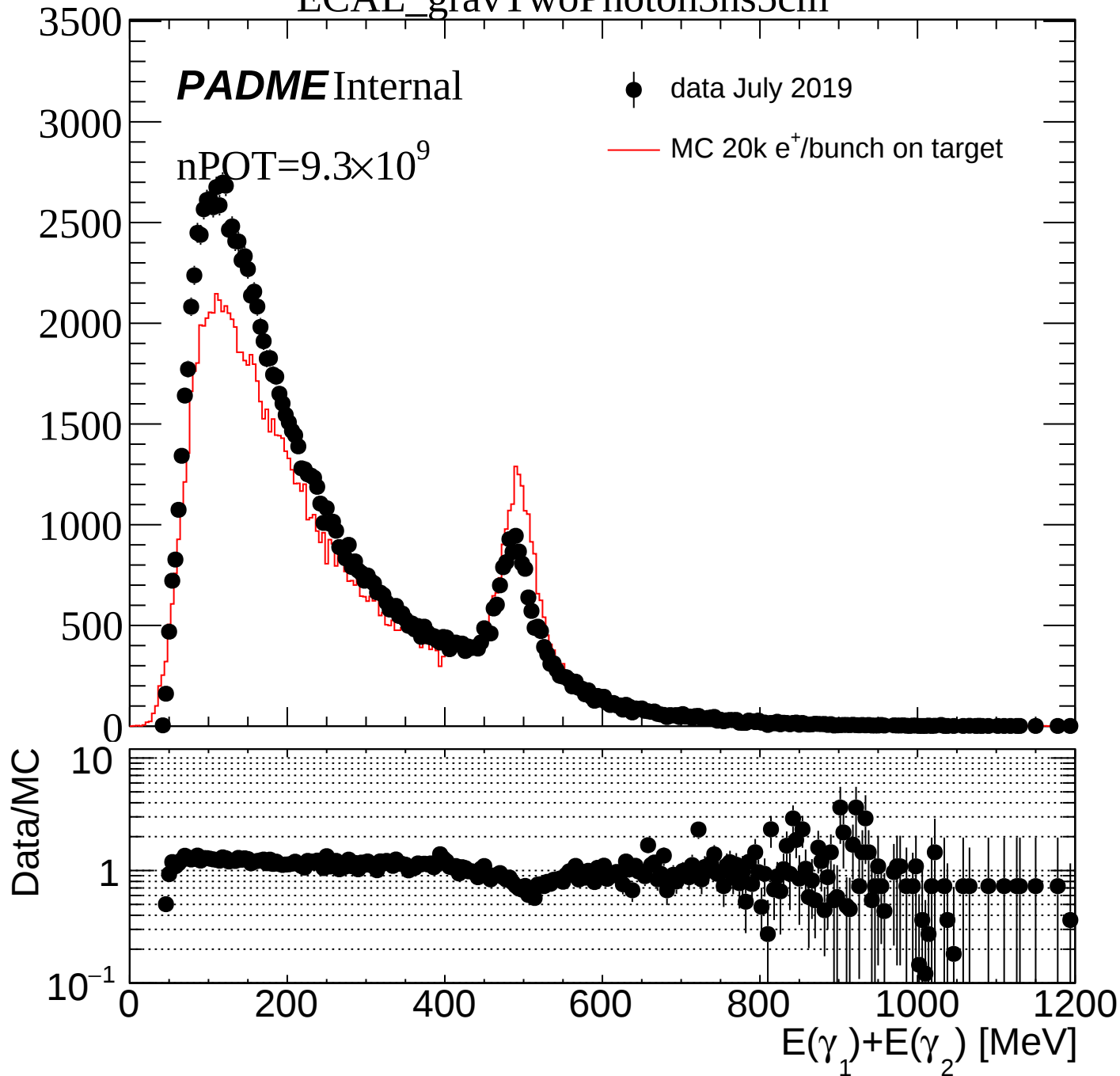


ECAL_gravTwoPhoton3ns3cm_withAngleCut

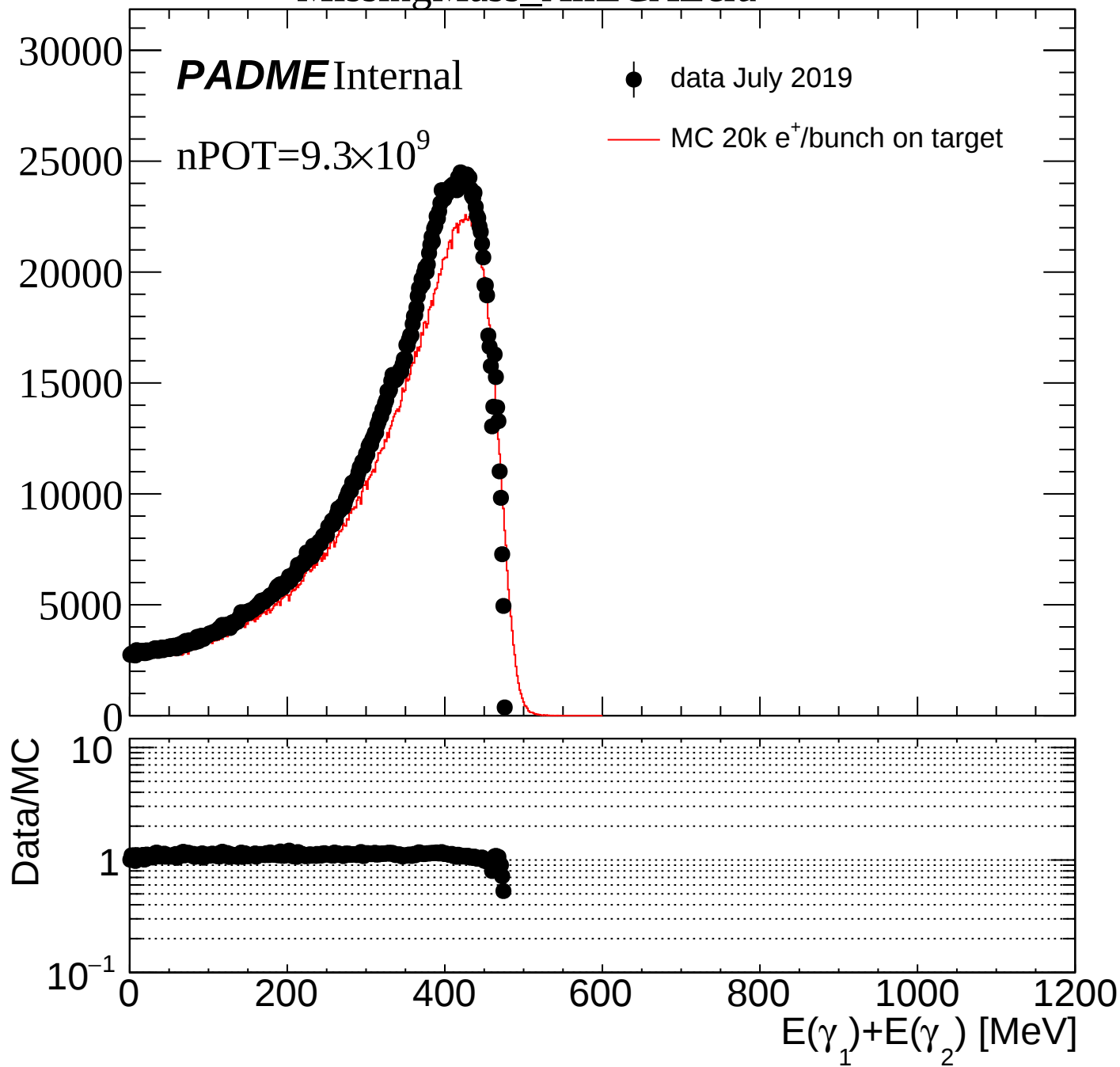




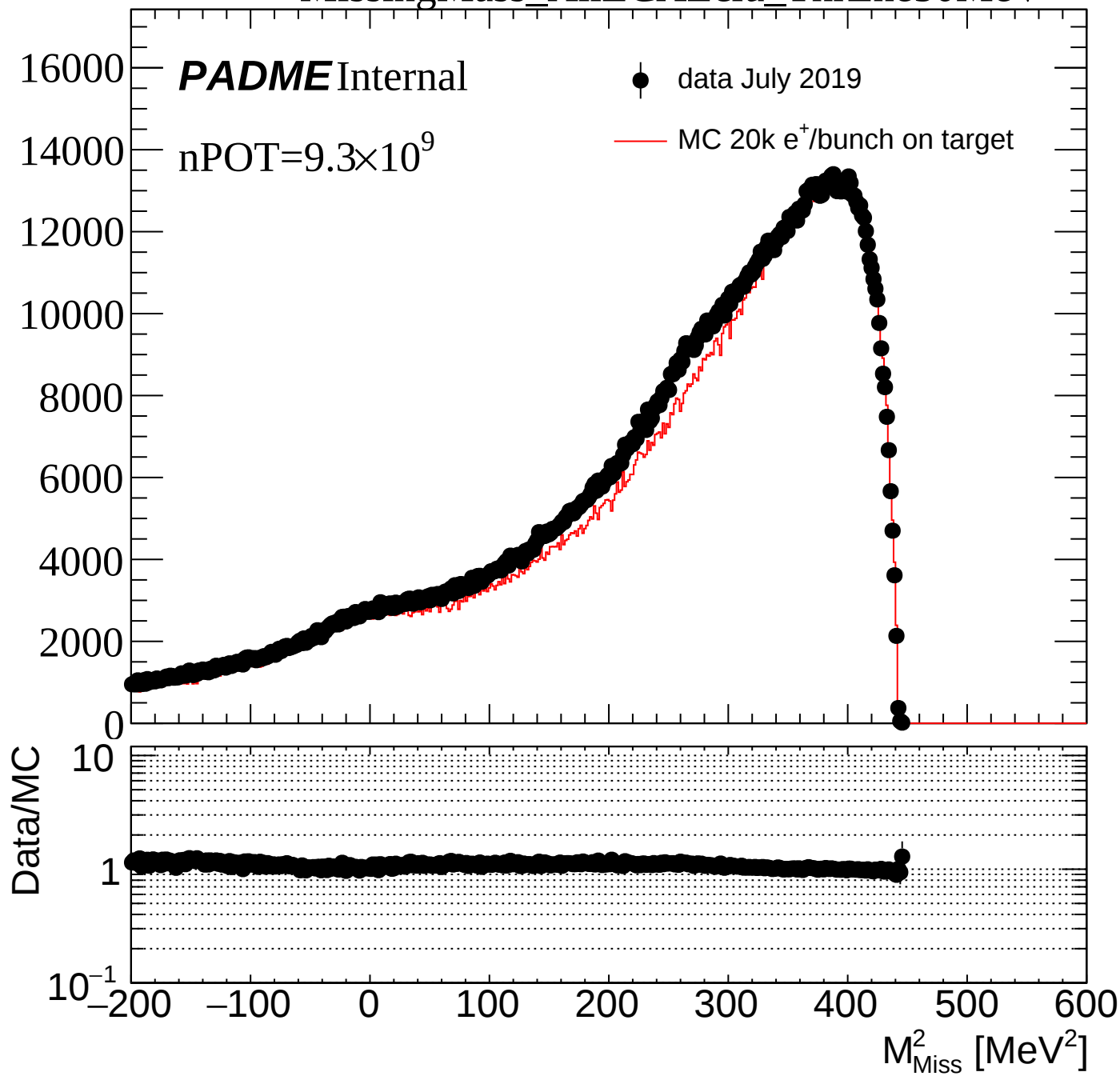
ECAL_gravTwoPhoton3ns5cm



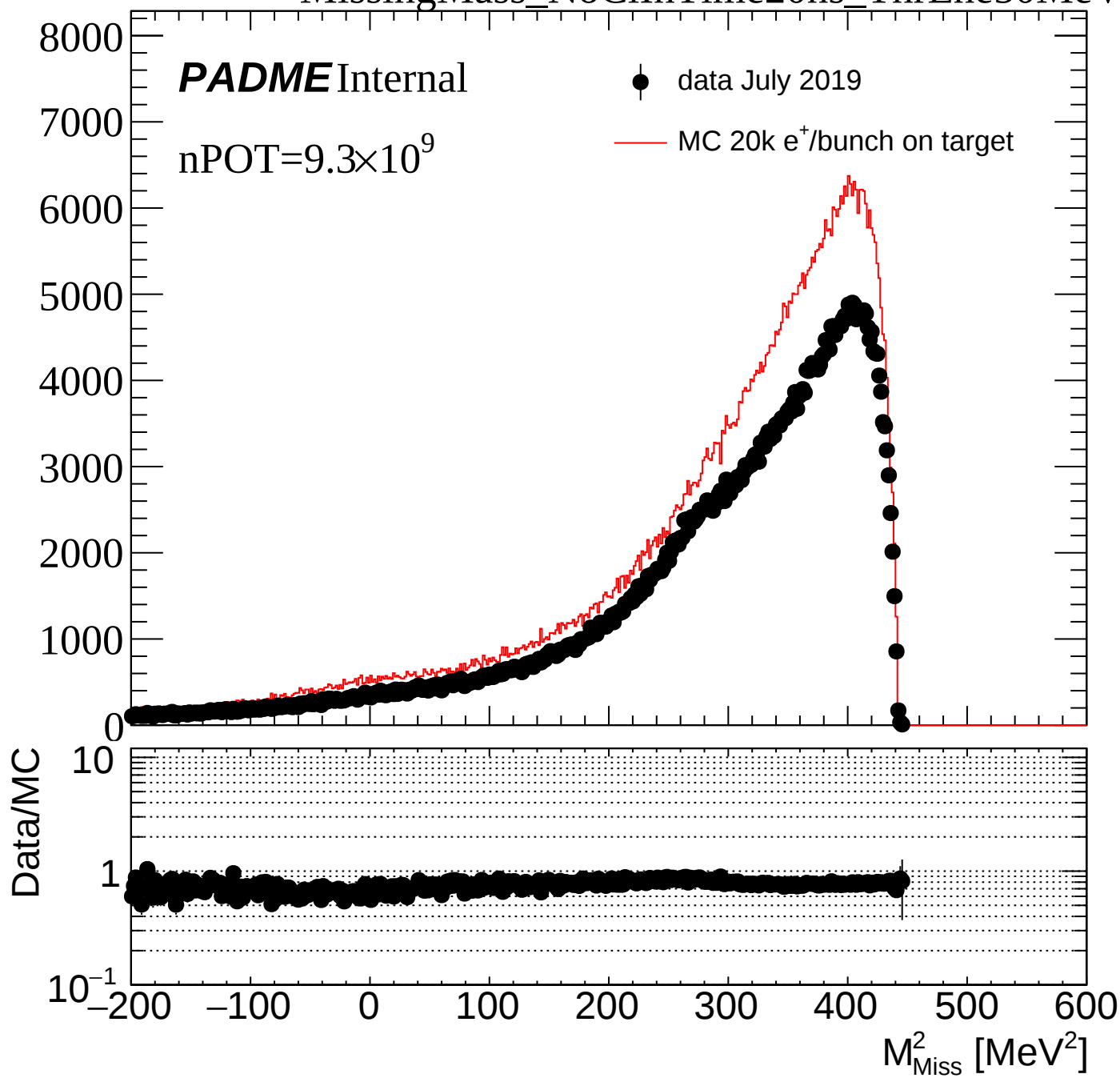
MissingMass_AllECALclu



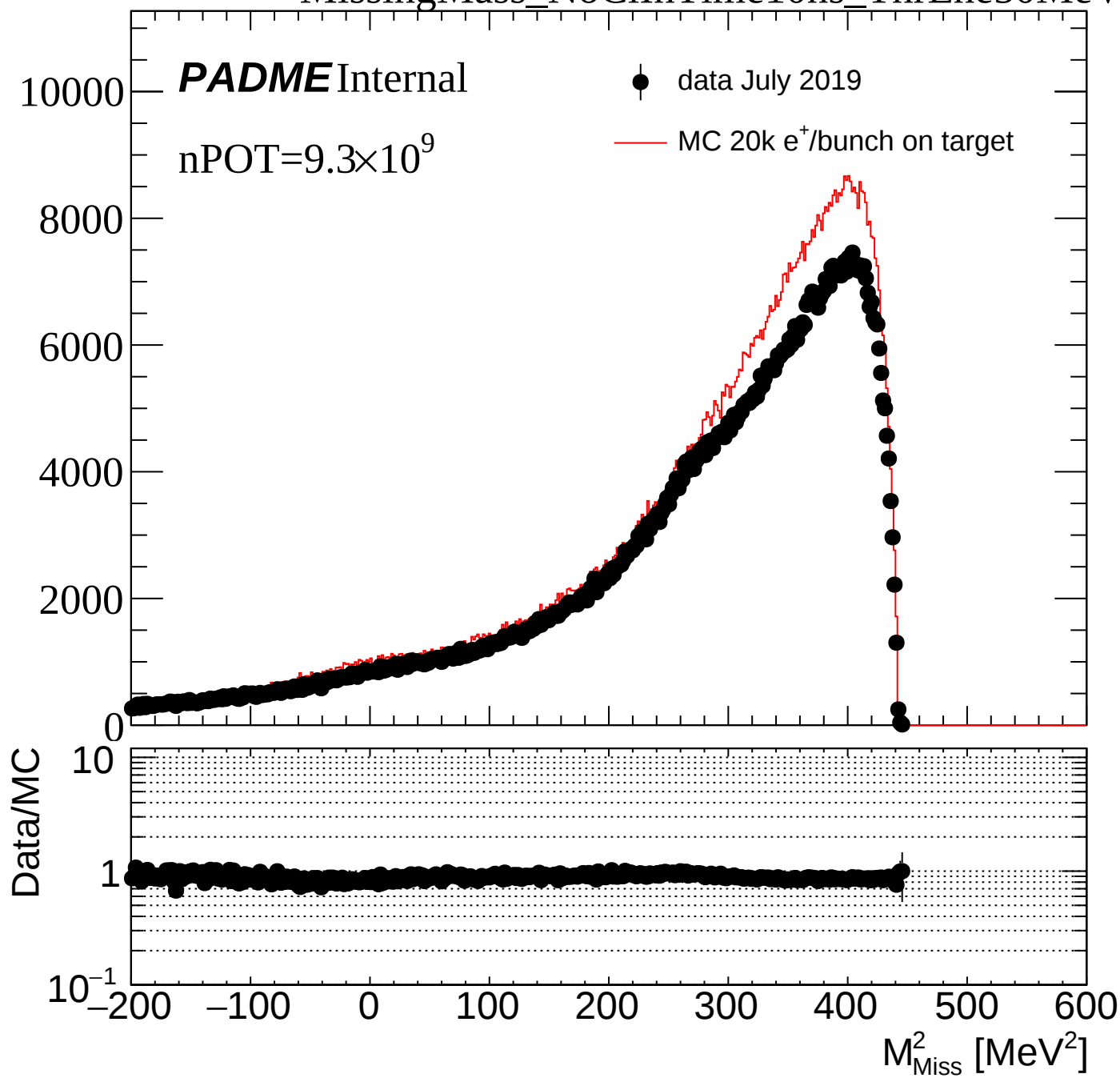
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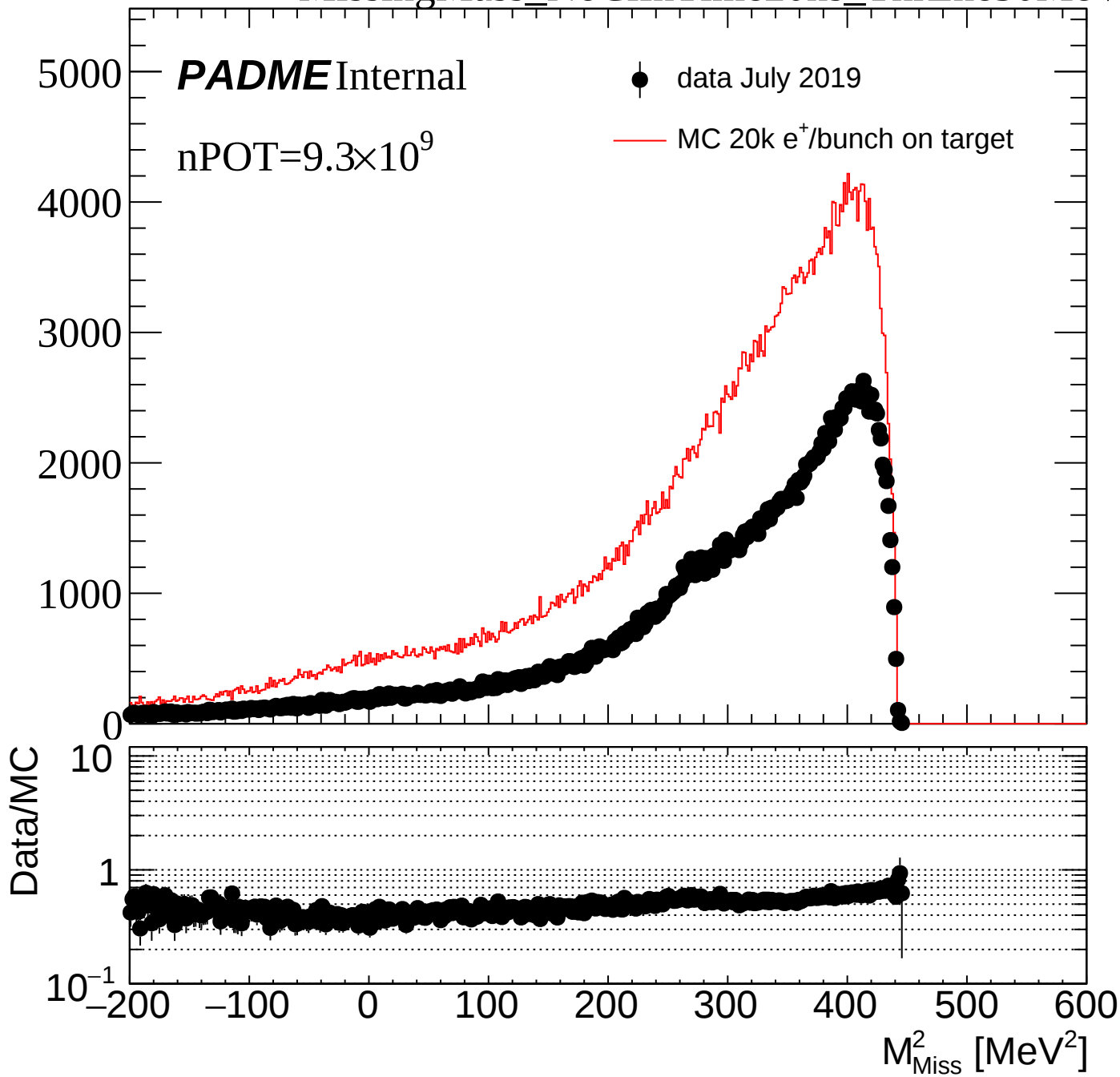


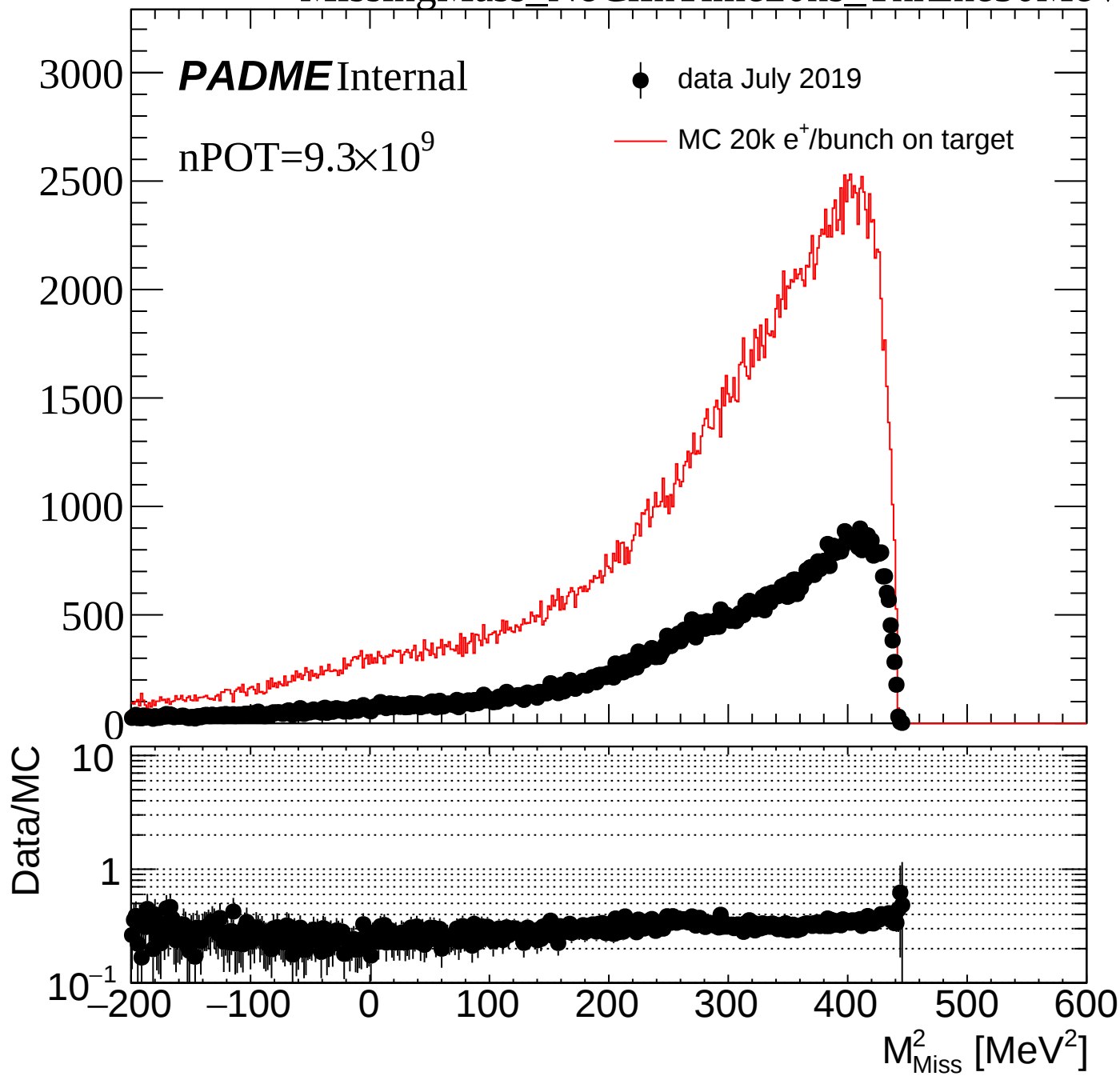
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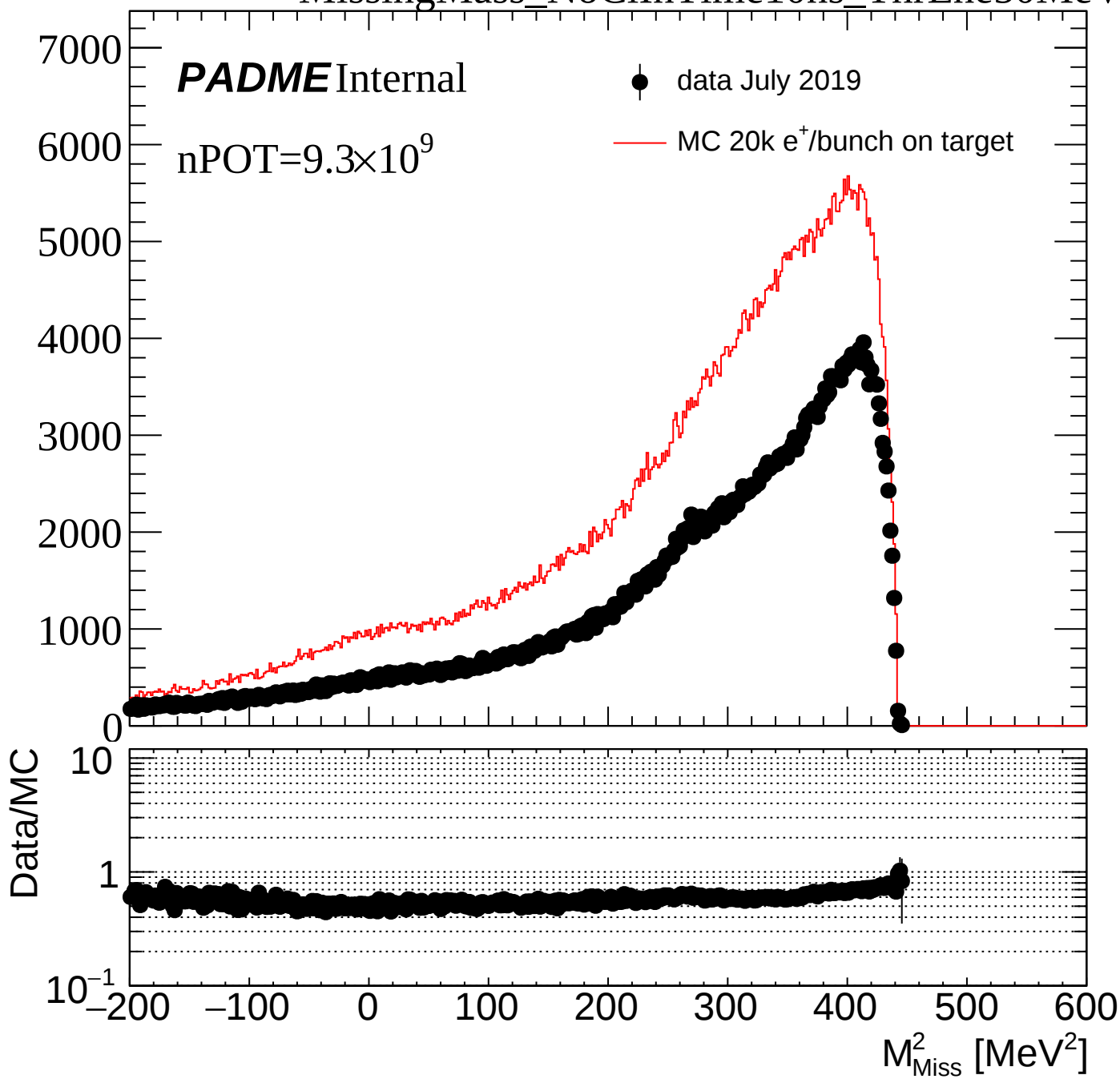


MissingMass_NoClInTime10ns_ThrEne50MeV

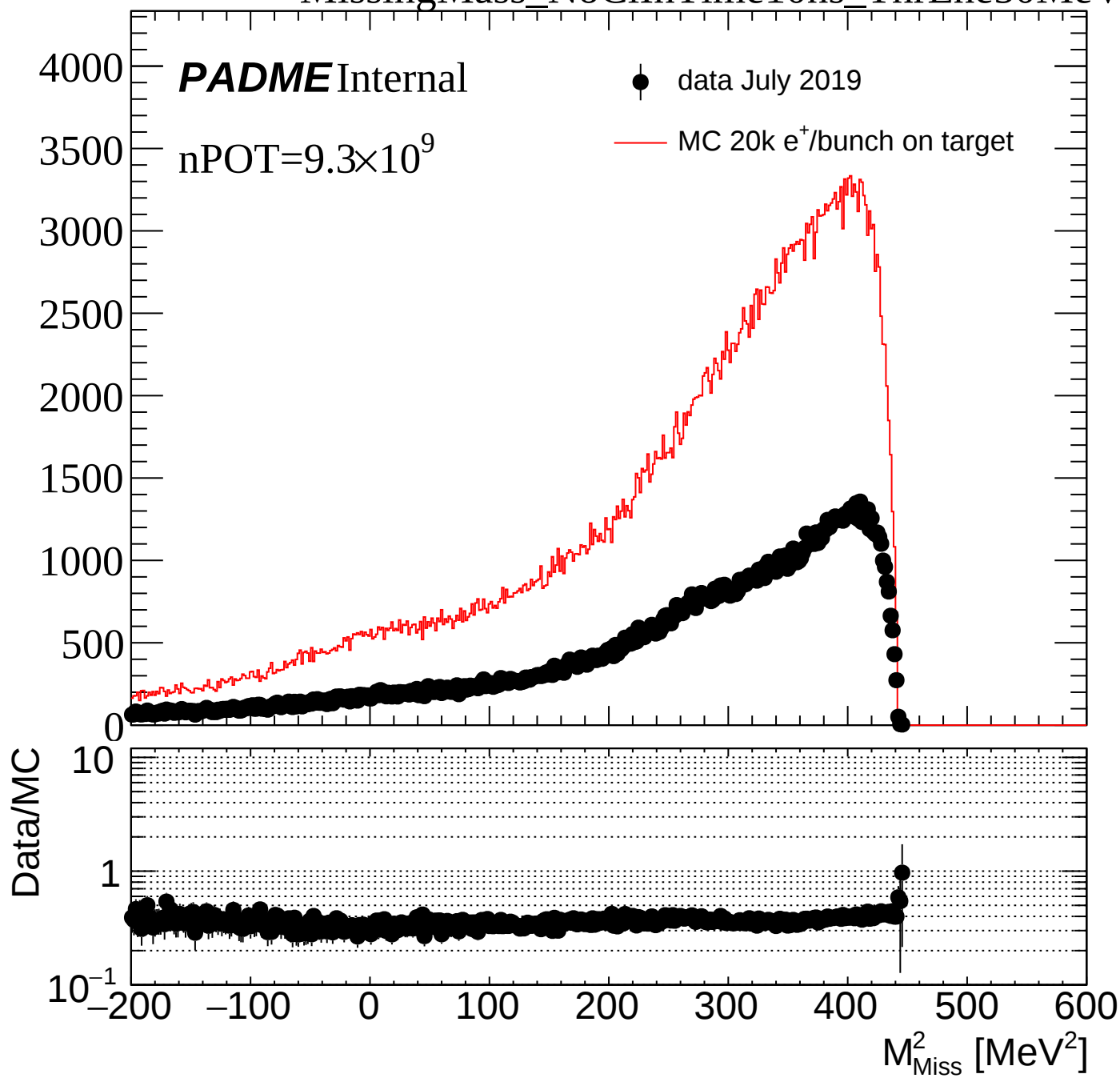




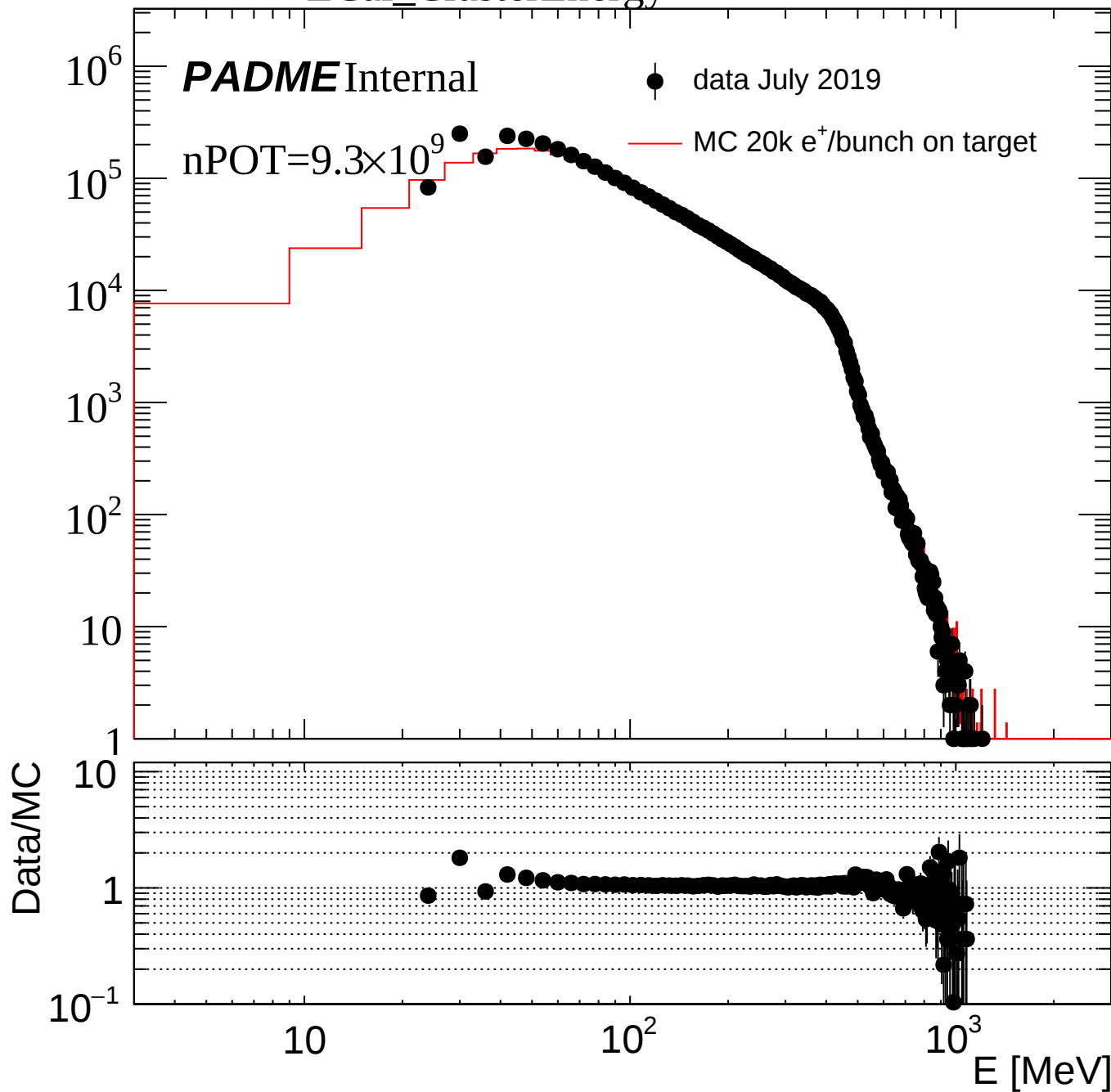




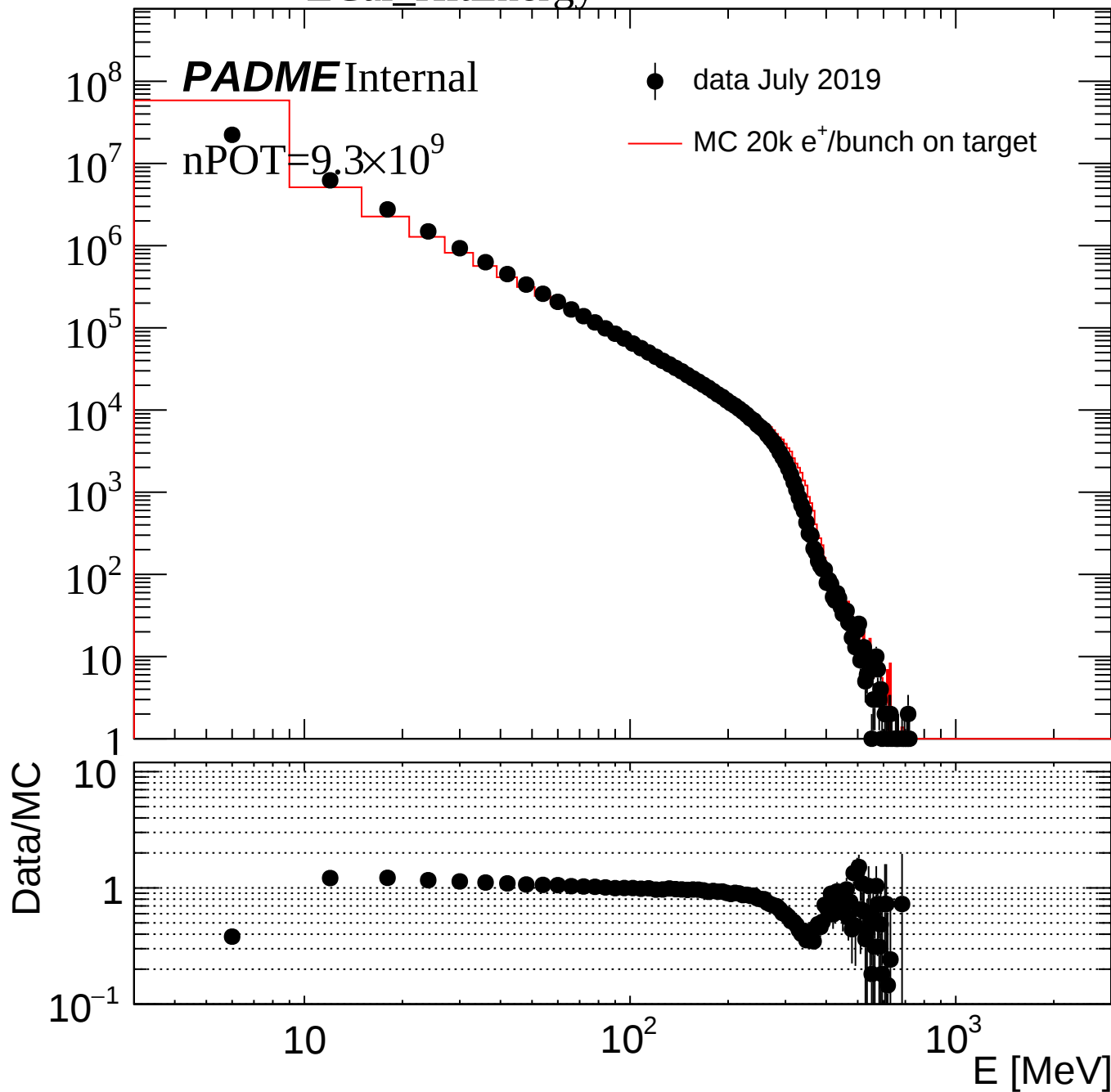
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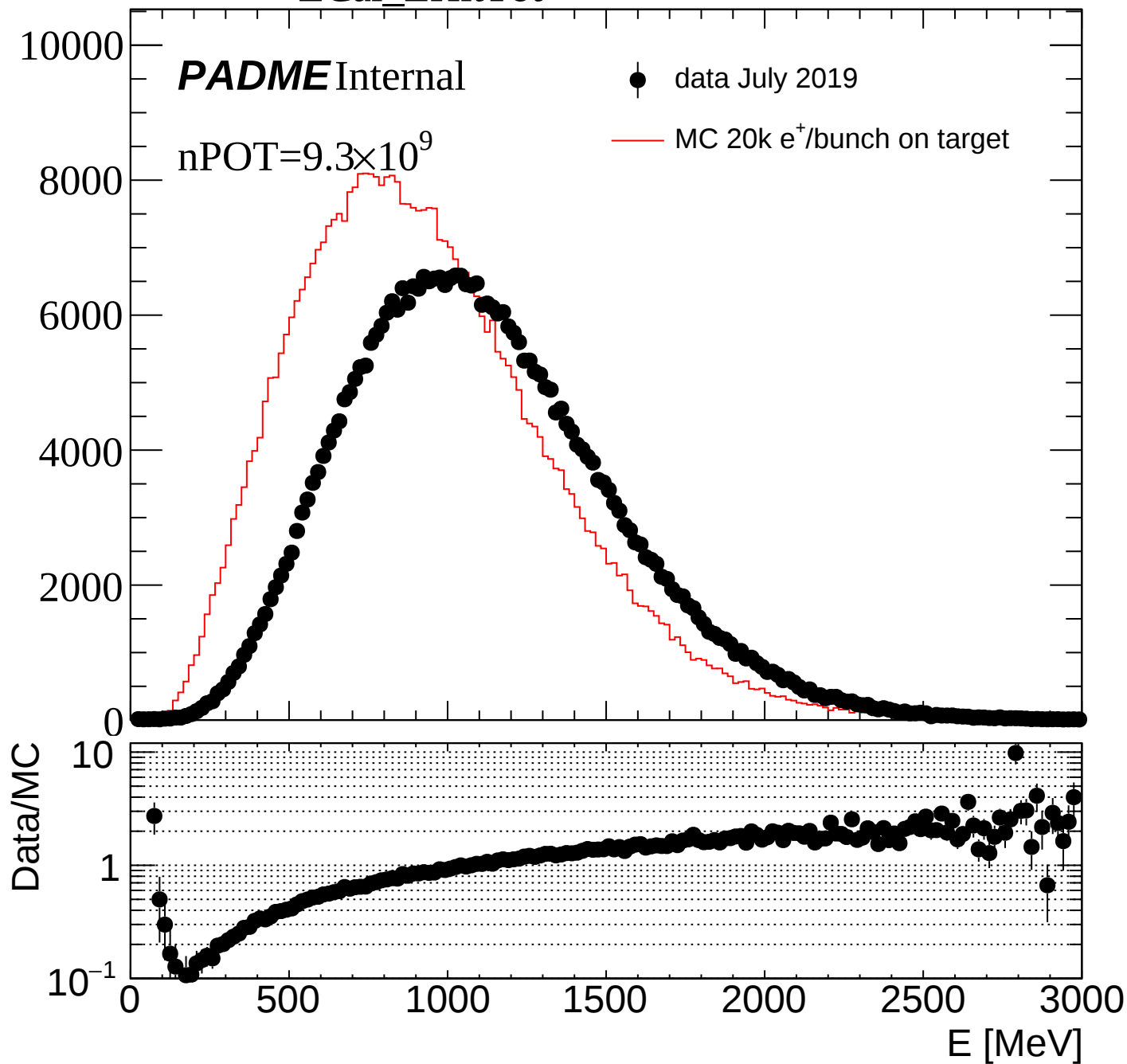
ECal_ClusterEnergy



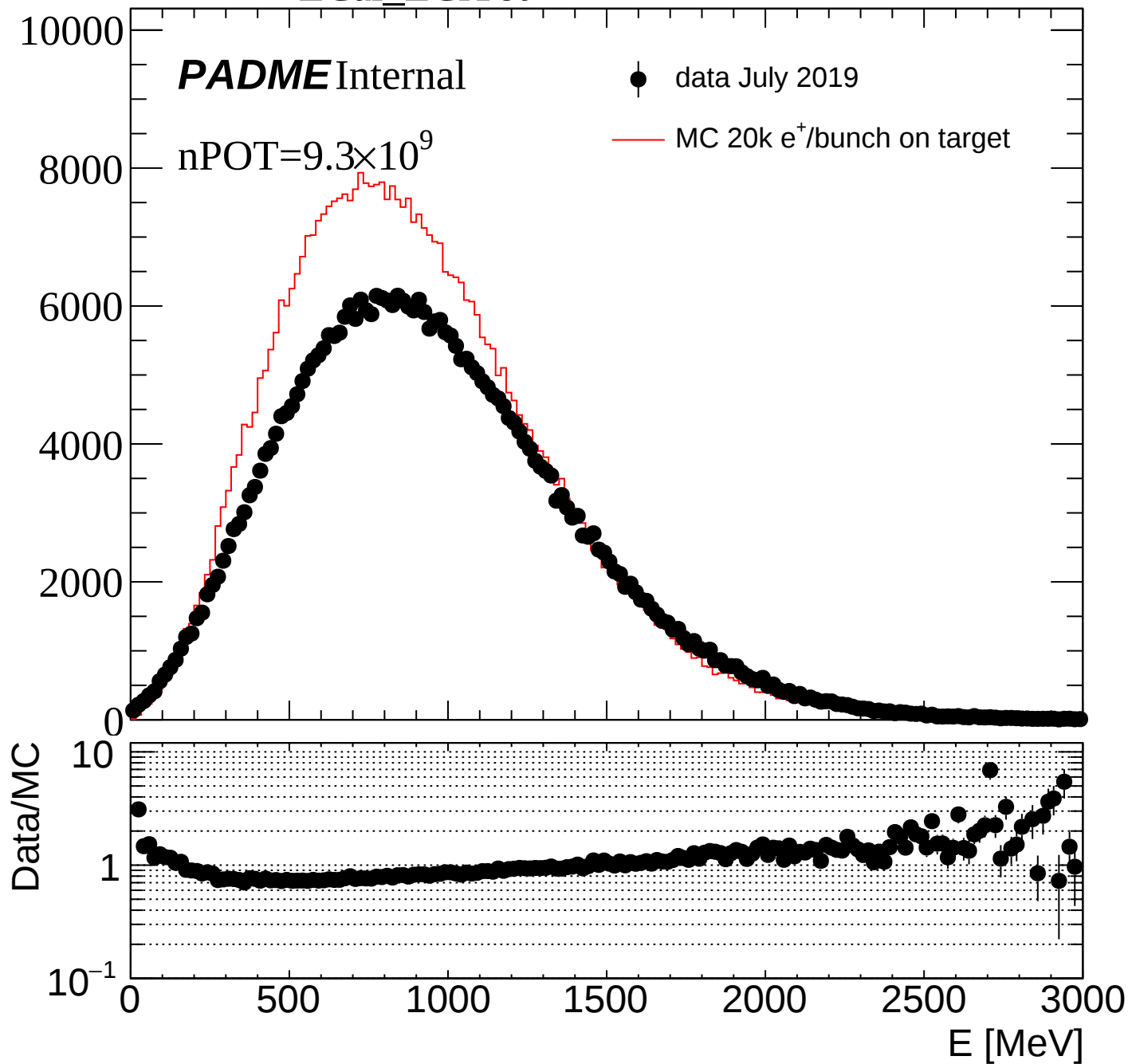
ECal_HitEnergy

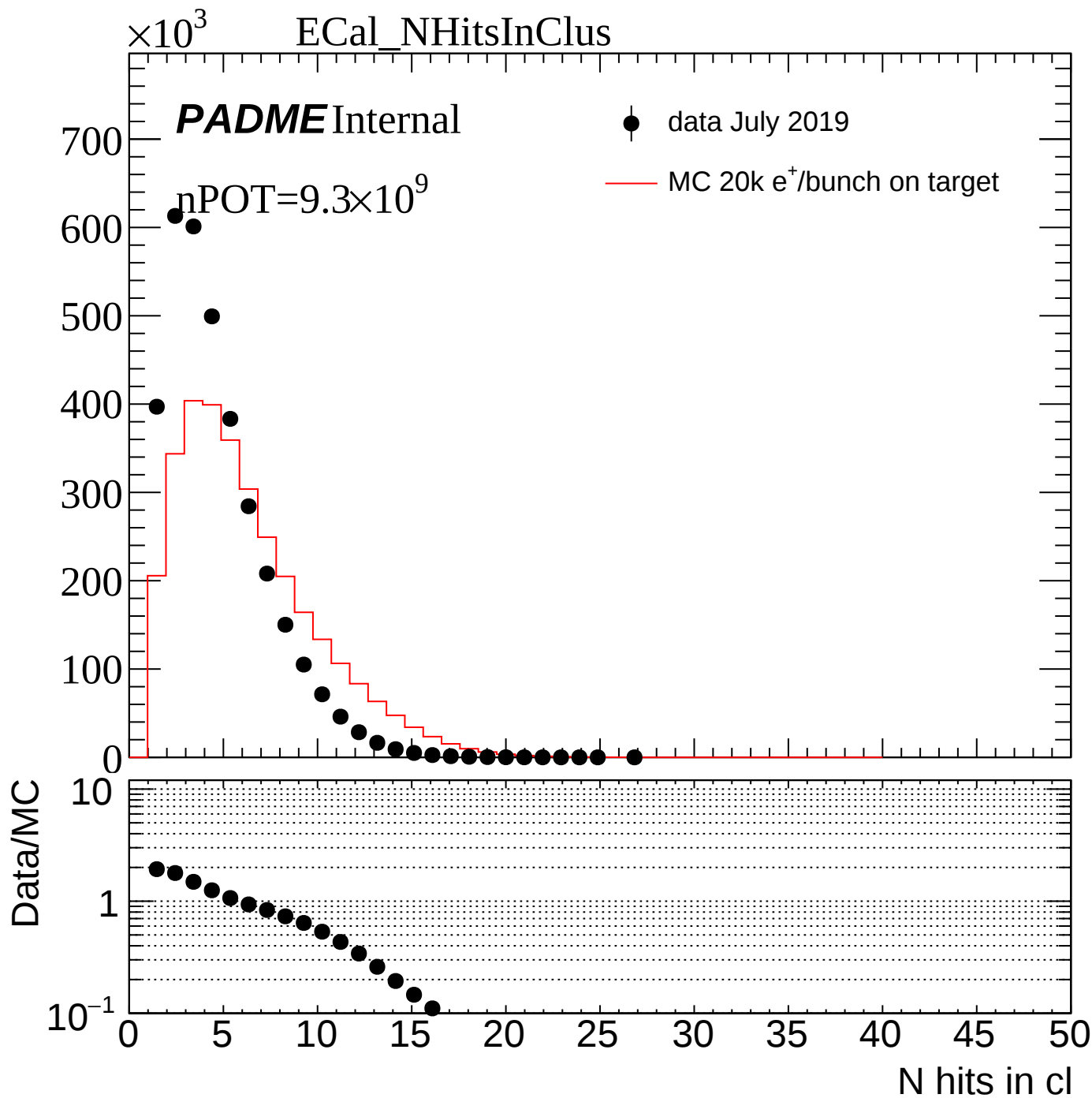


ECal_EHitTot

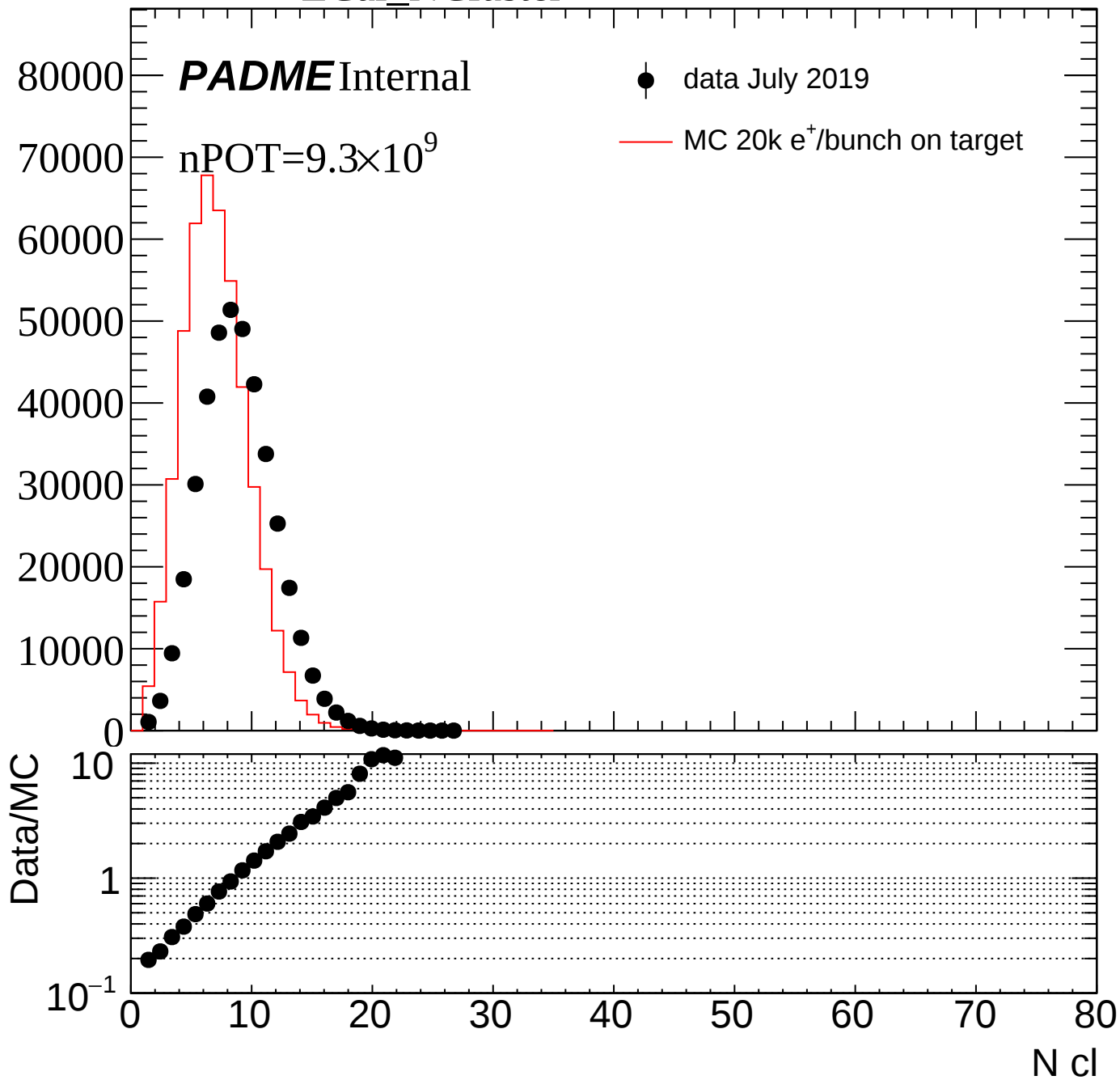


ECal_EClTot





ECal_NCluster



ECal_NCluster

