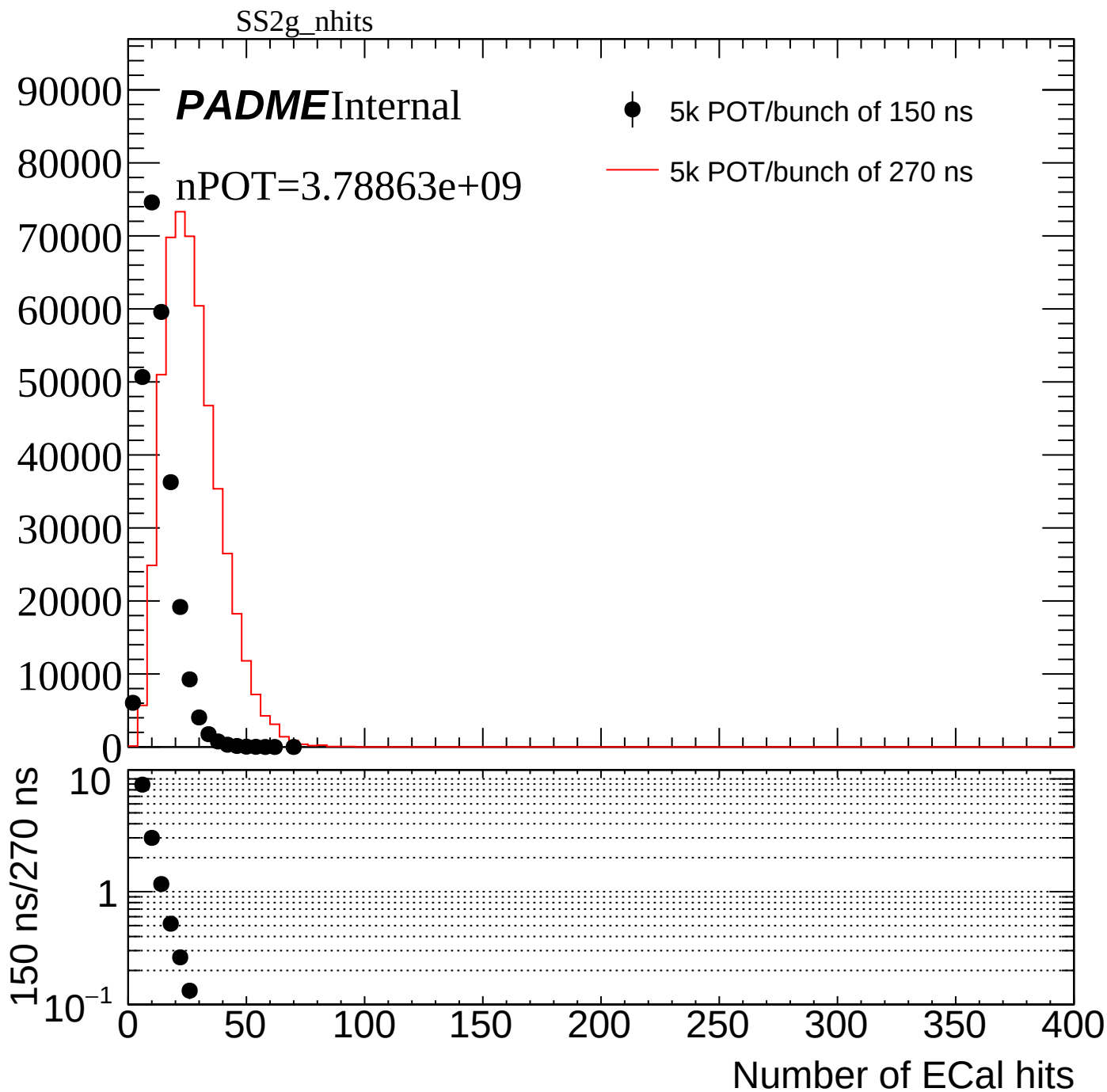
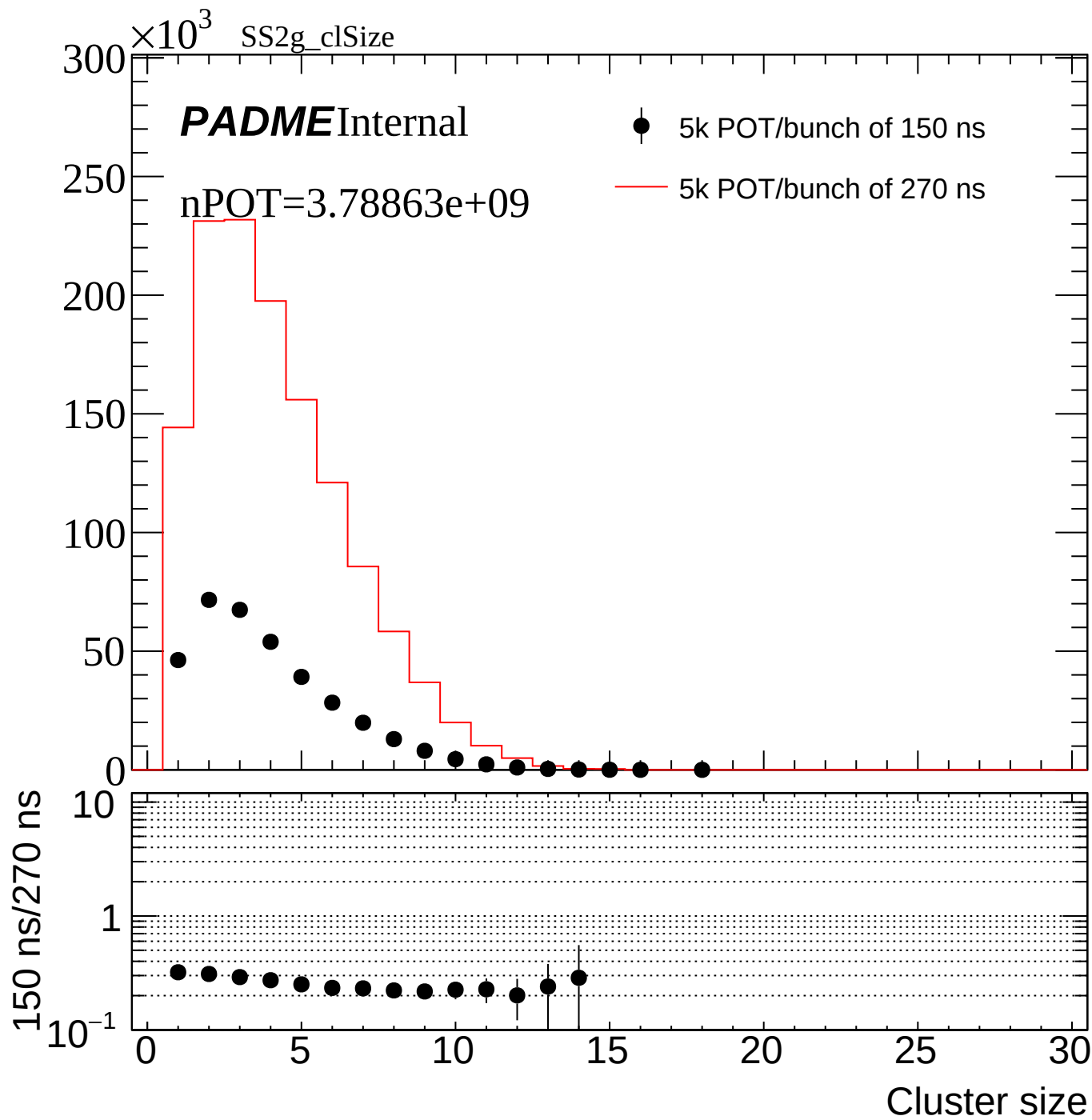
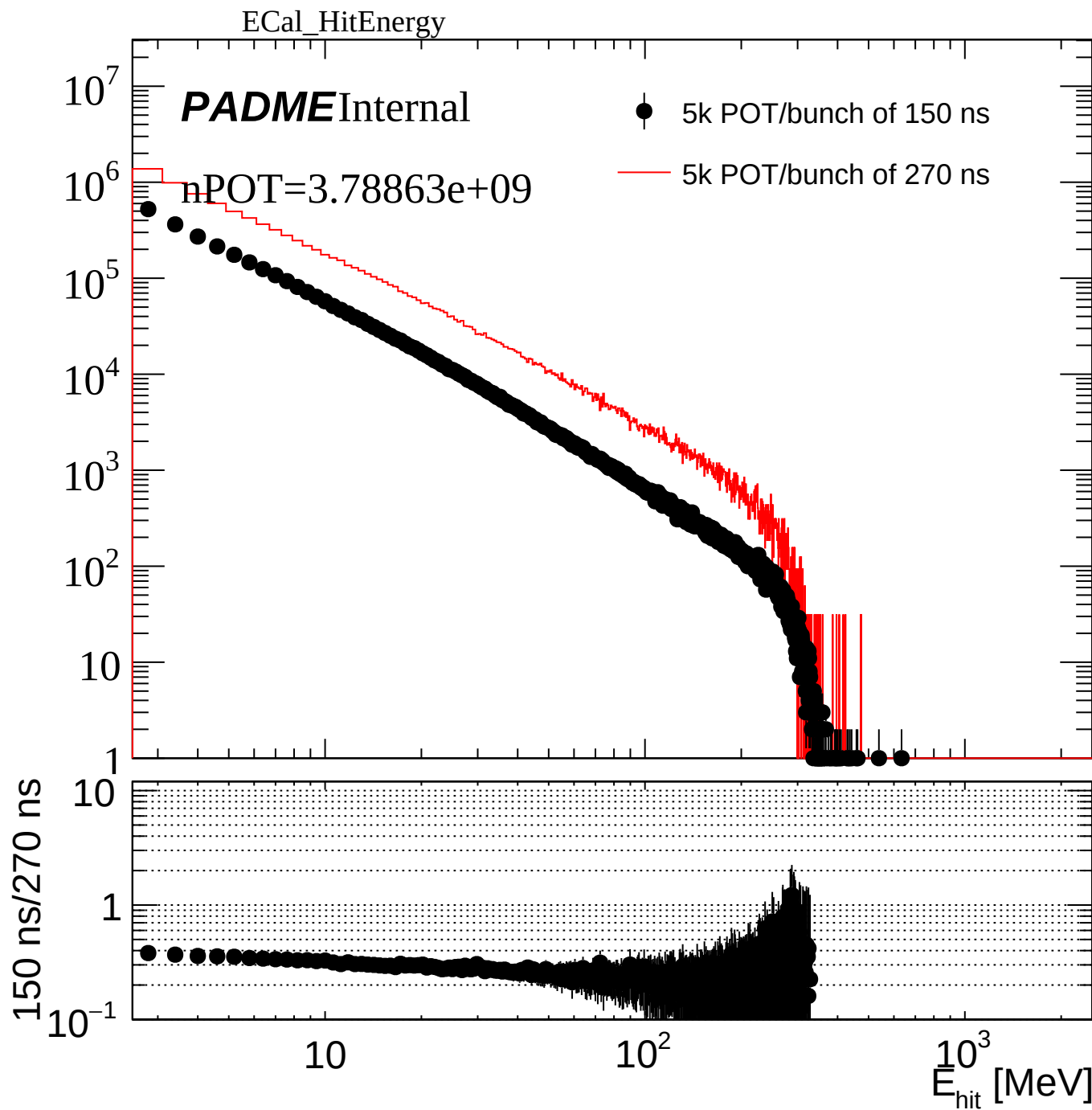
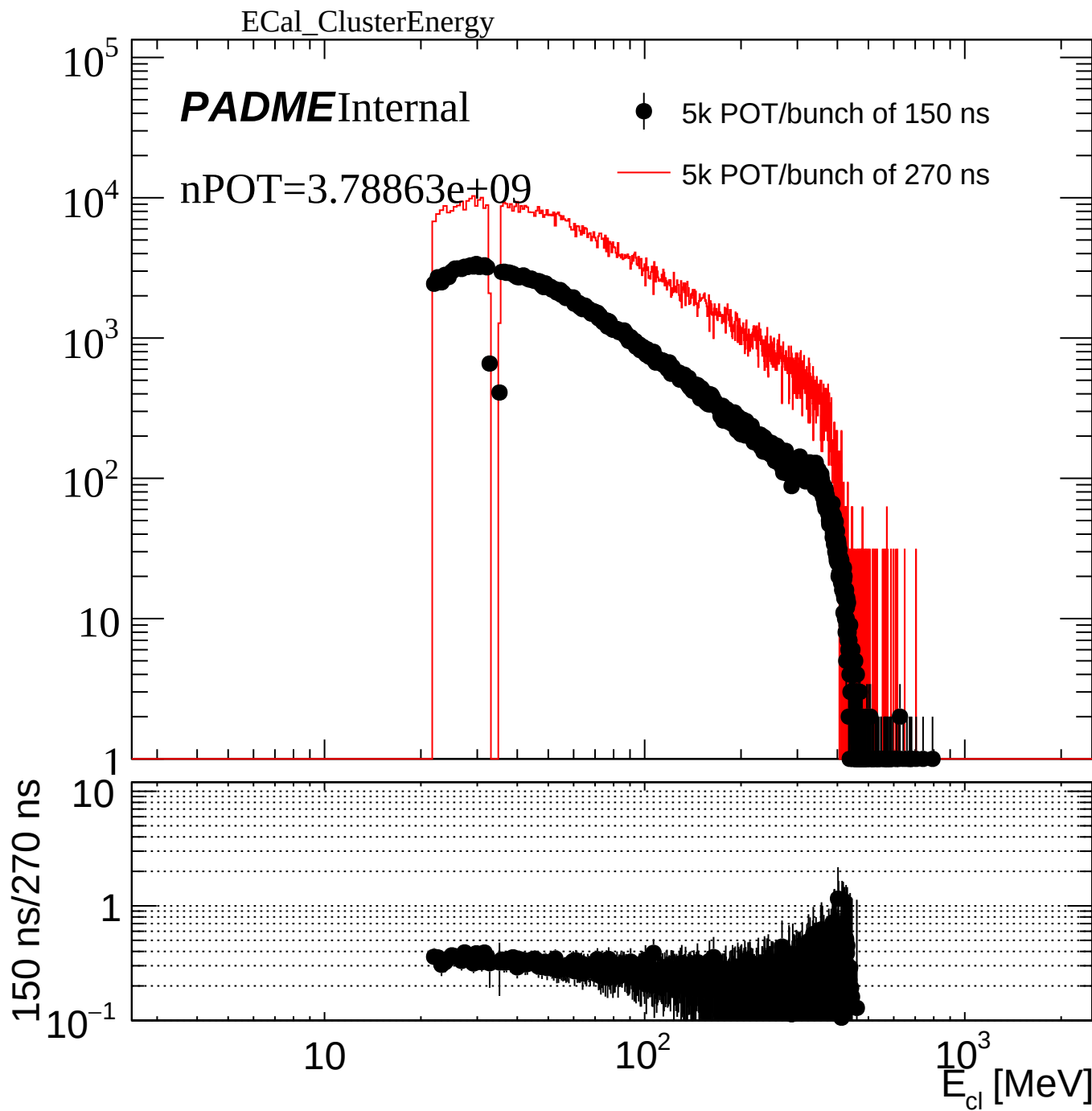
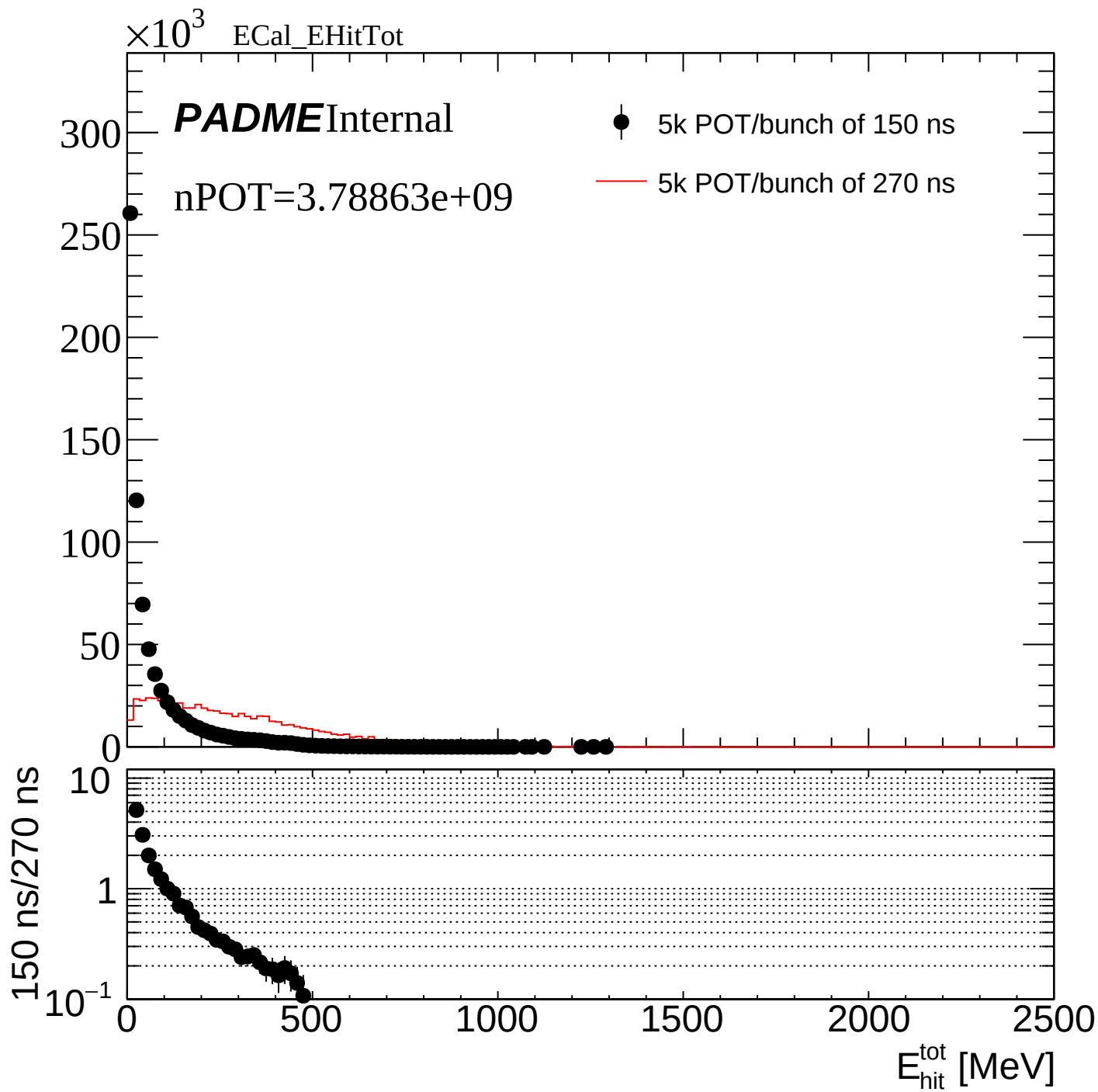


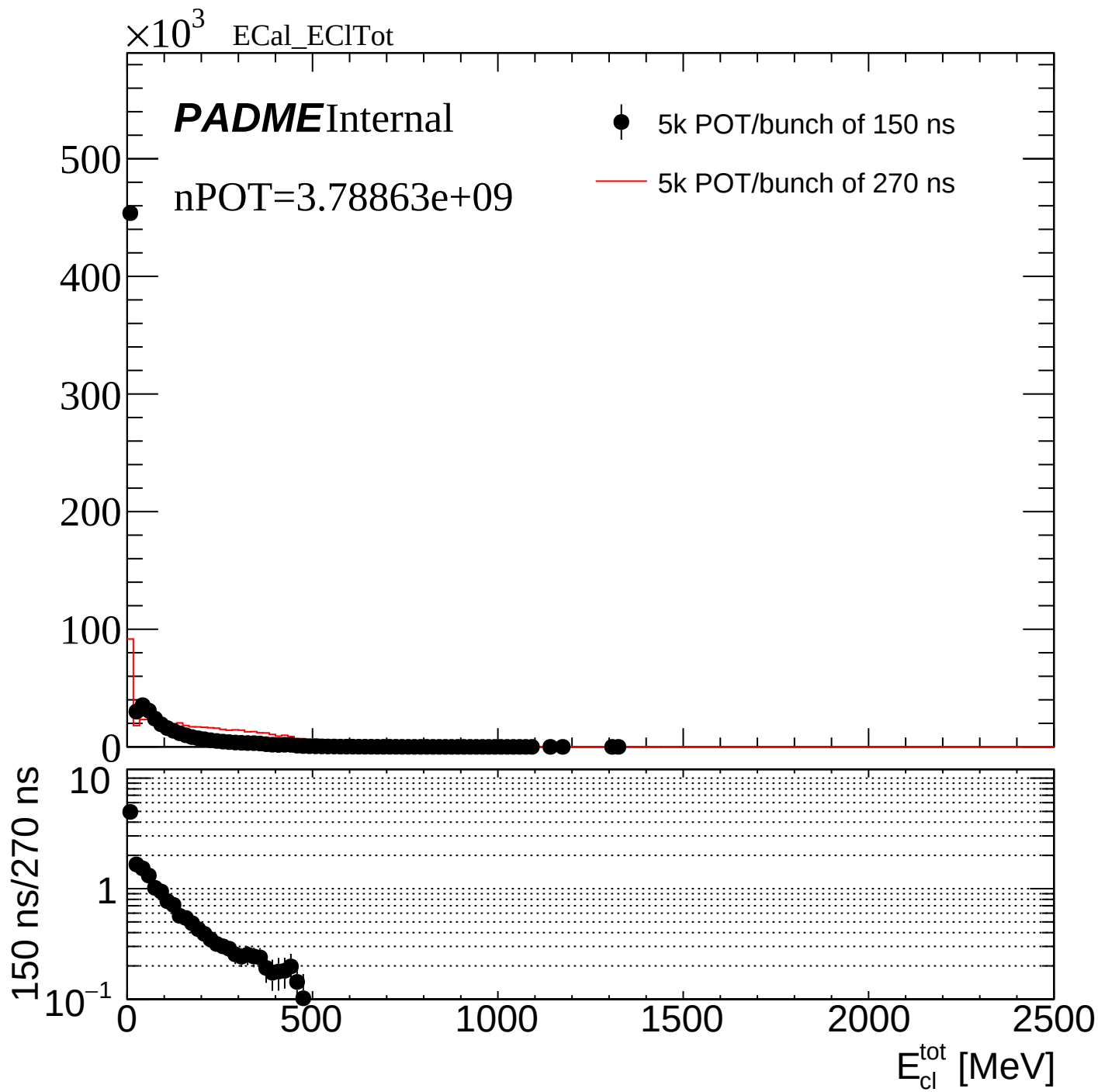


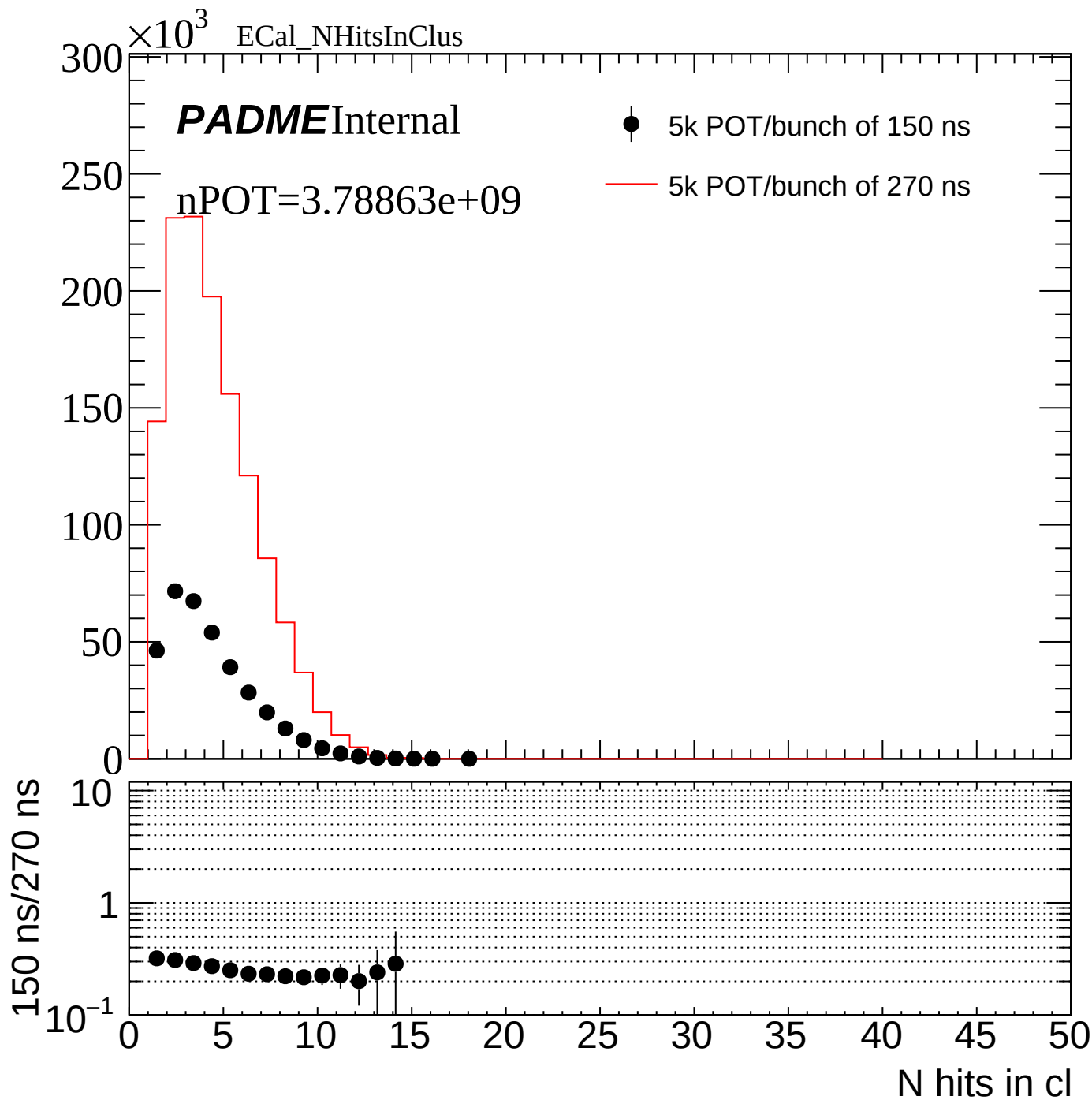


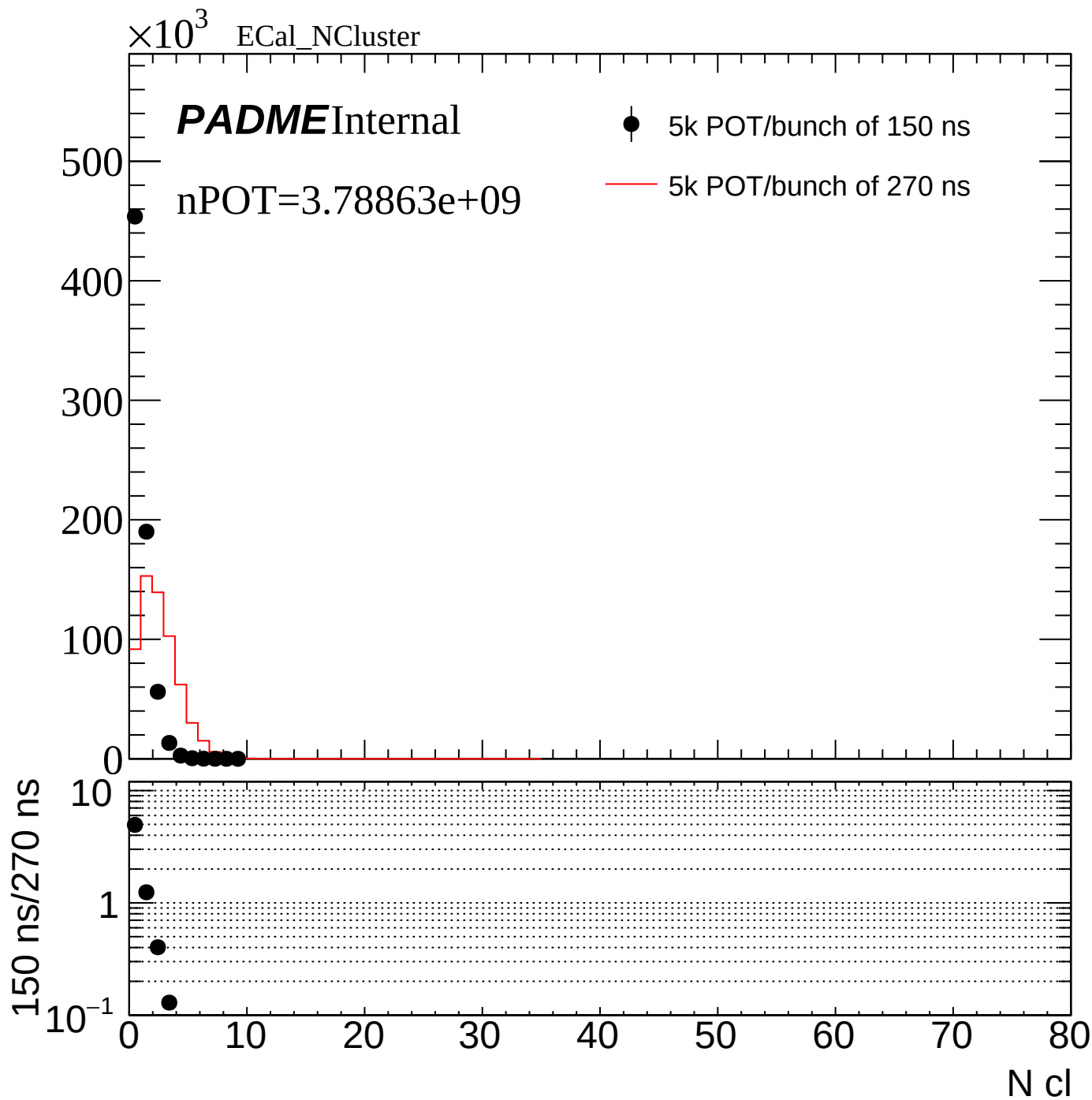


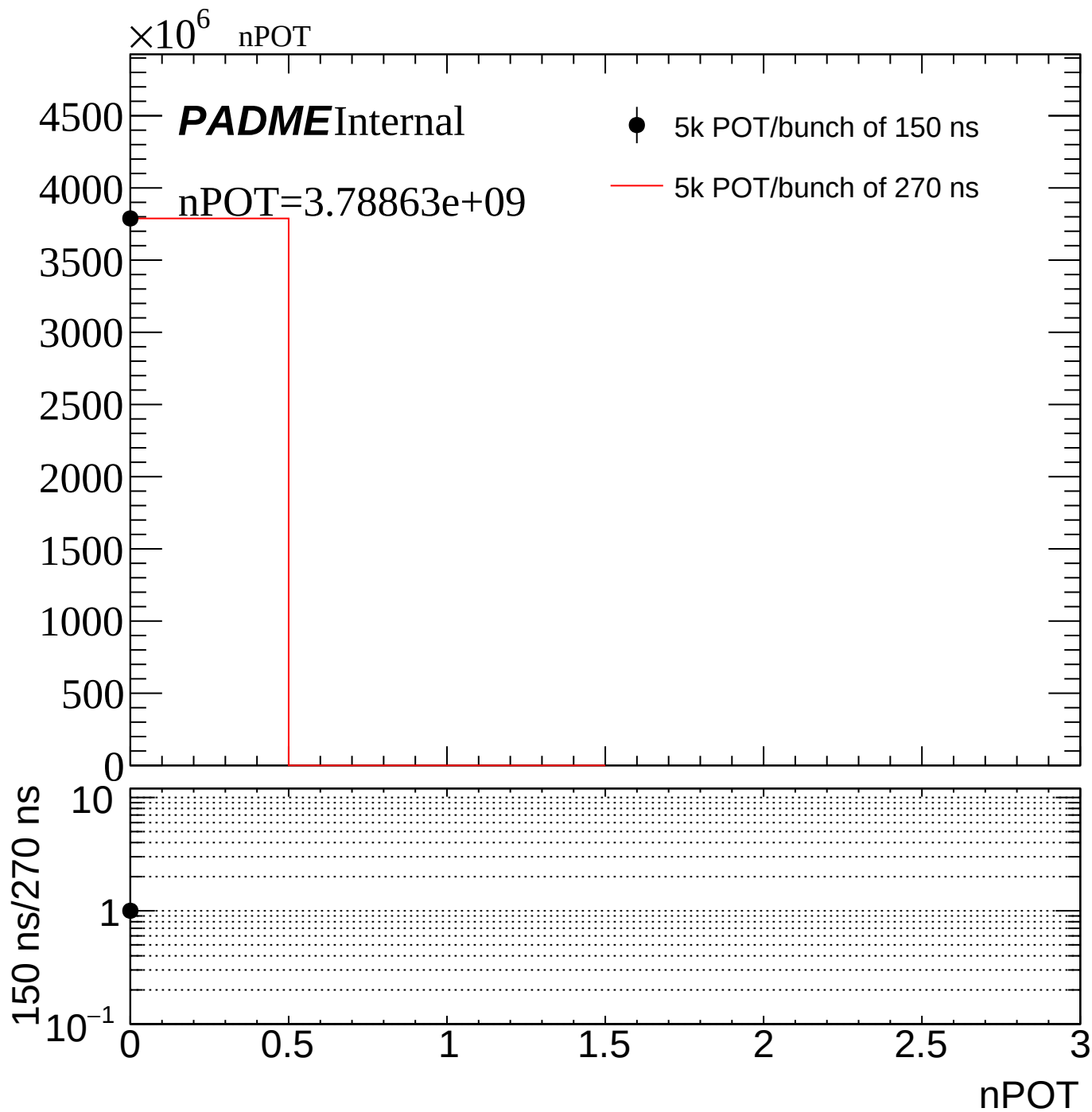


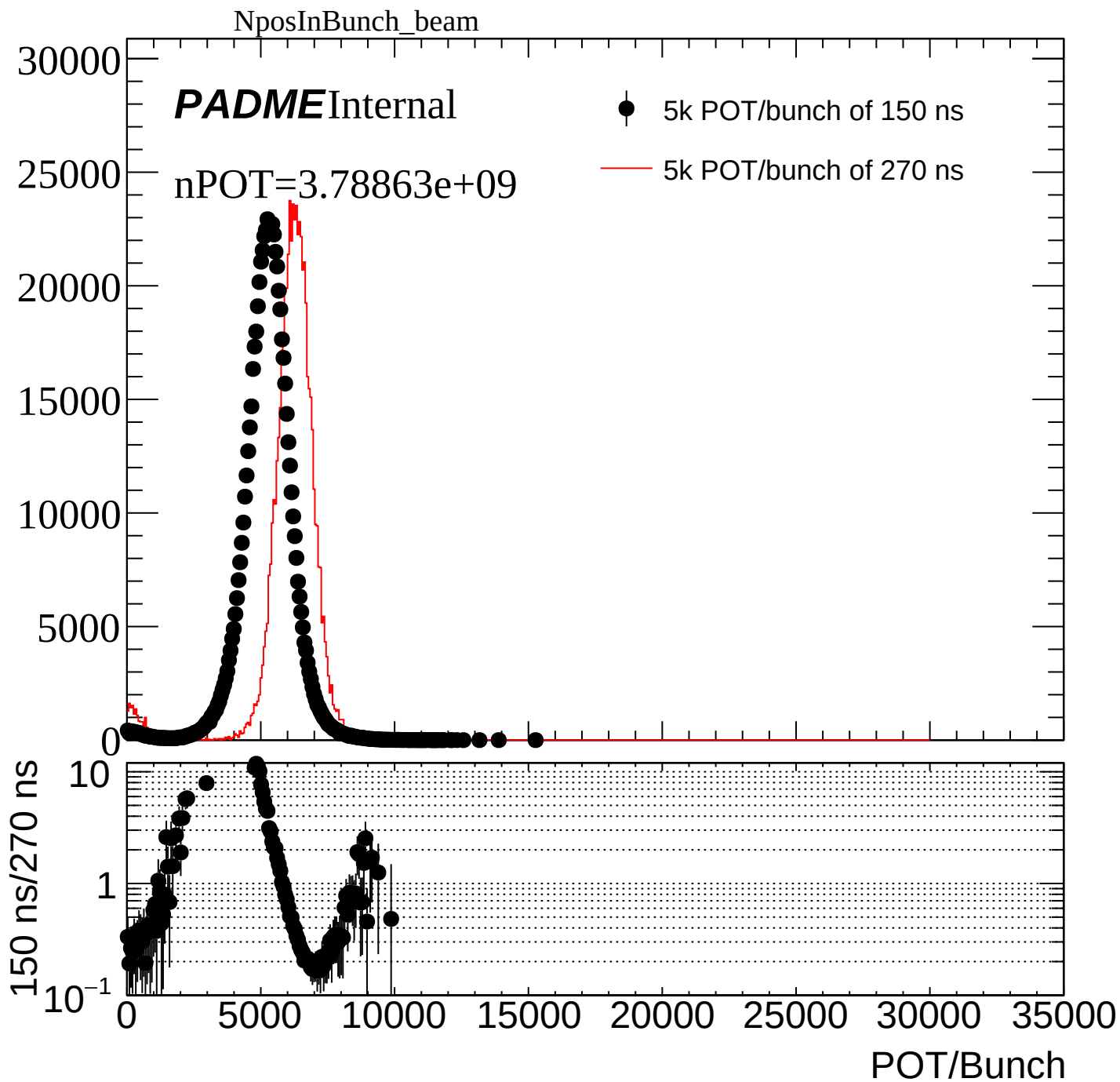












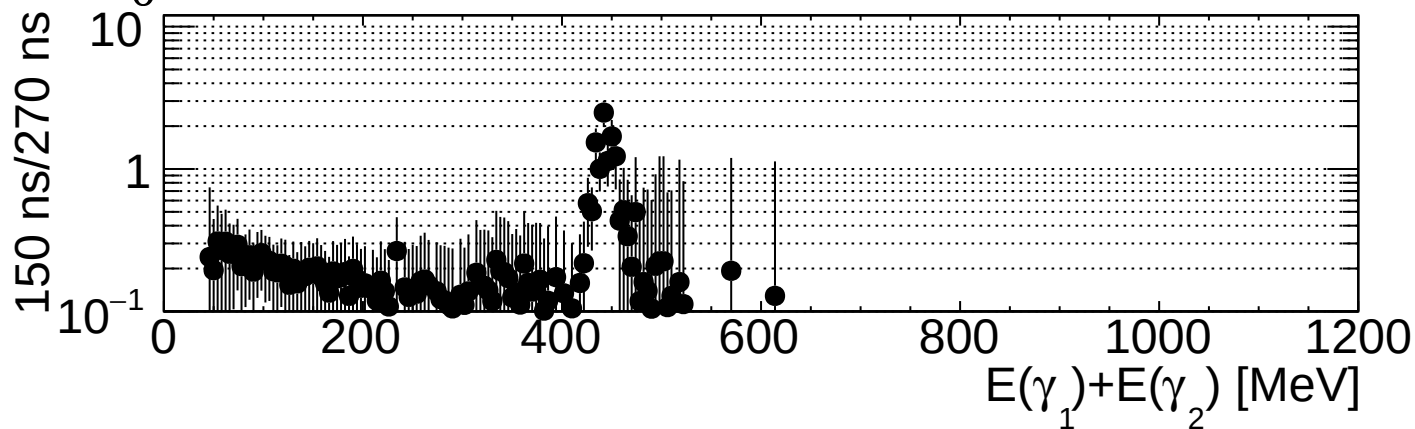
ECAL_twoPhotonInTime10ns

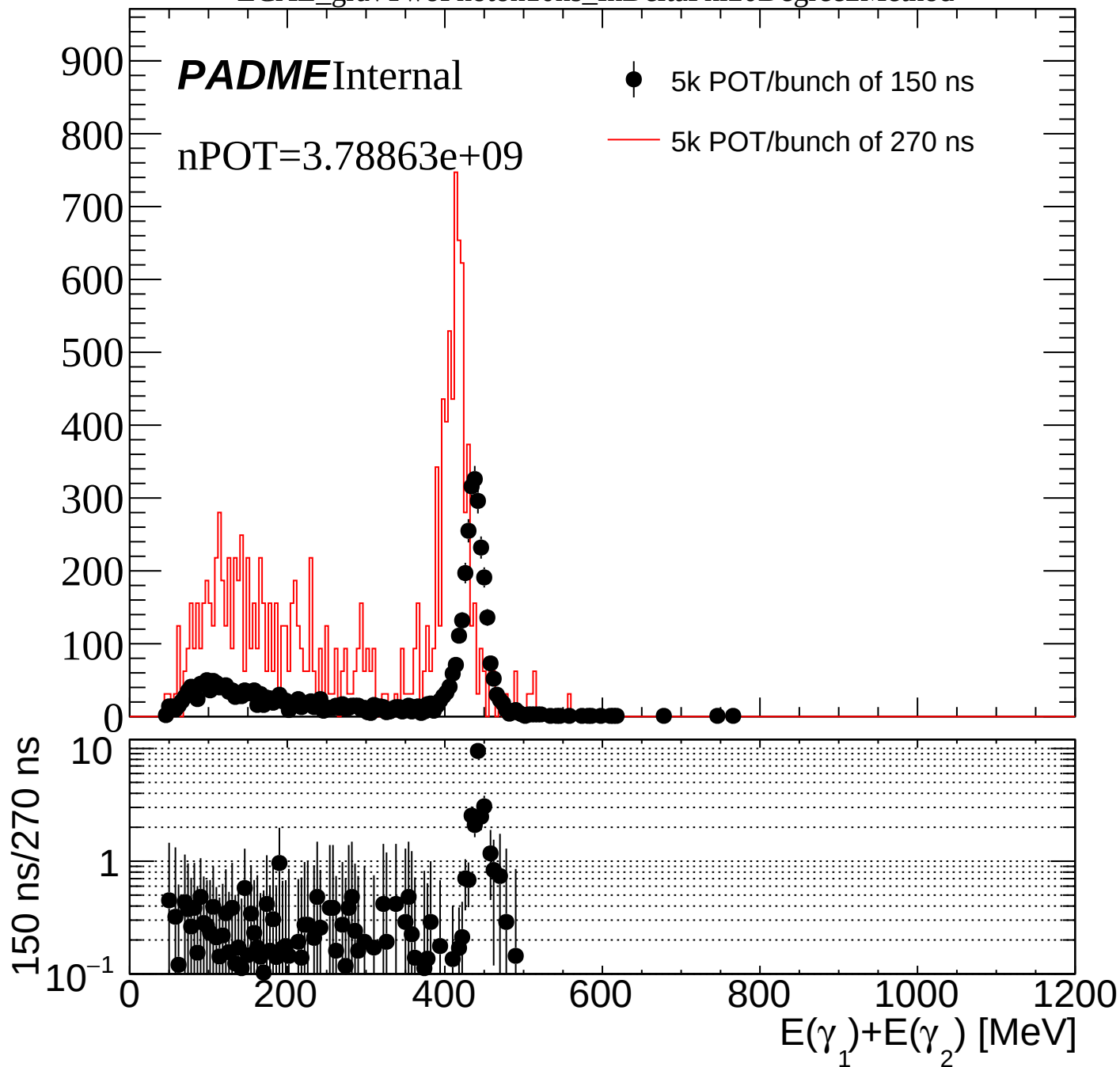
PADMEInternal

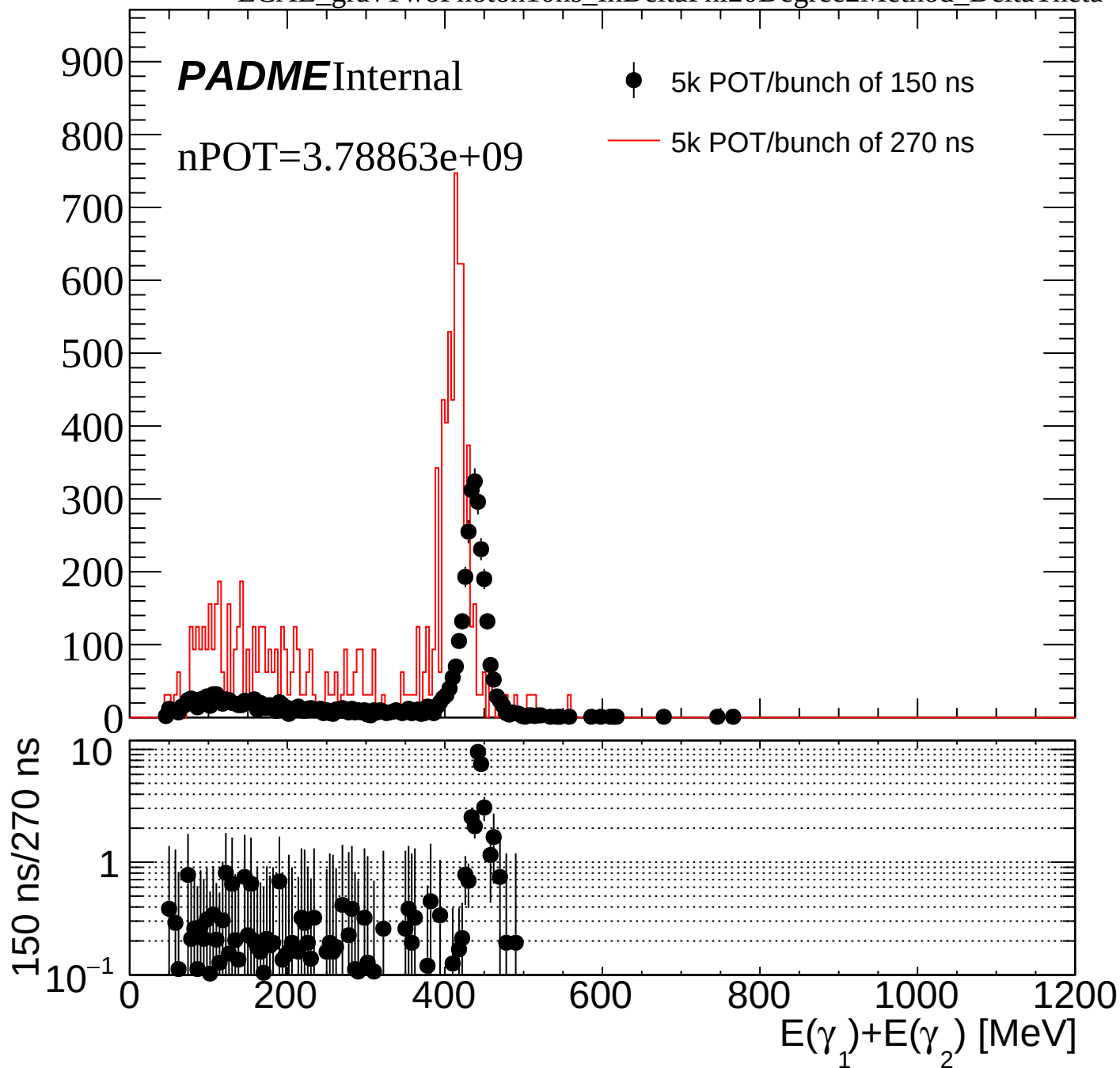
nPOT=3.78863e+09

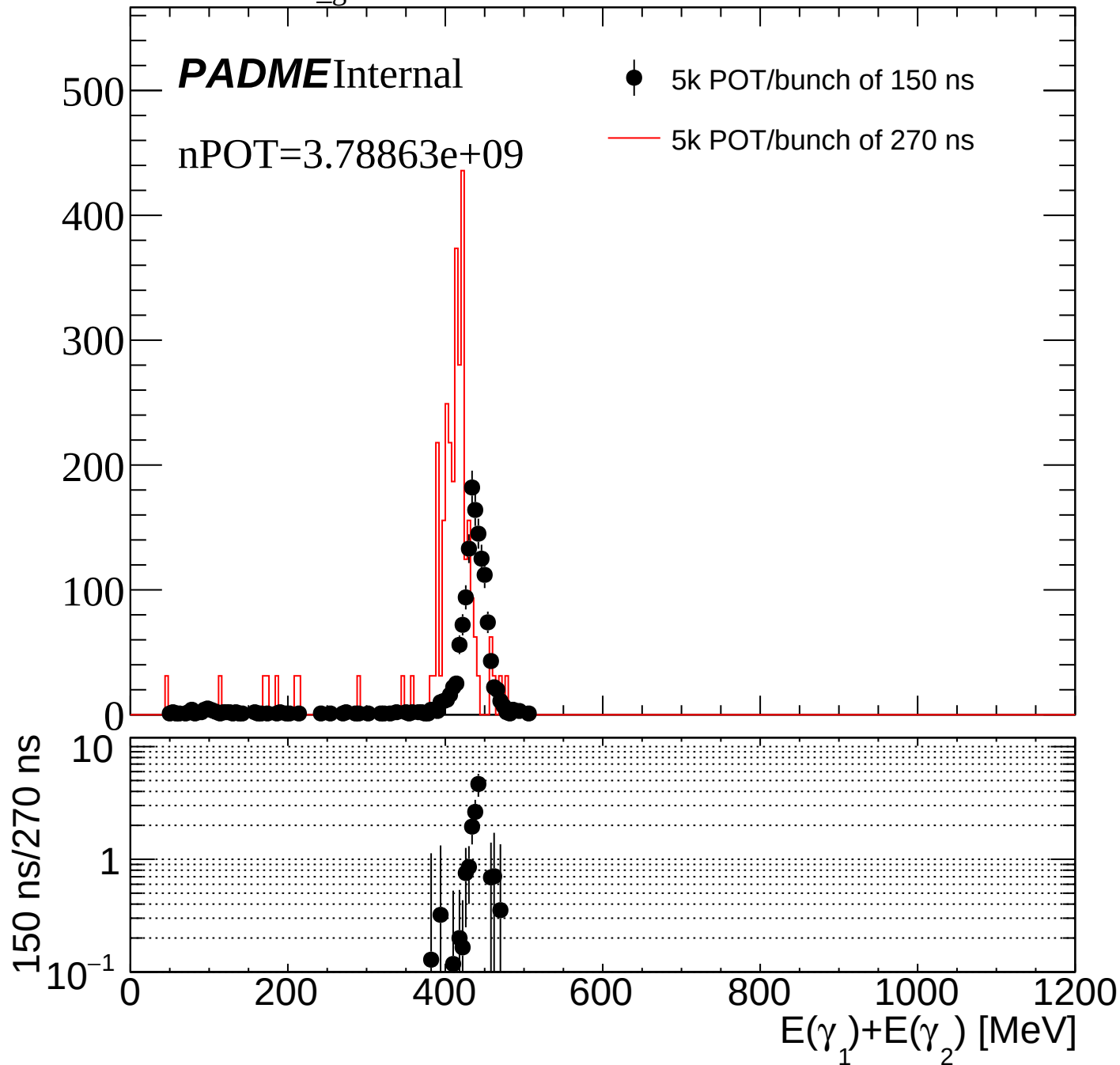
● 5k POT/bunch of 150 ns

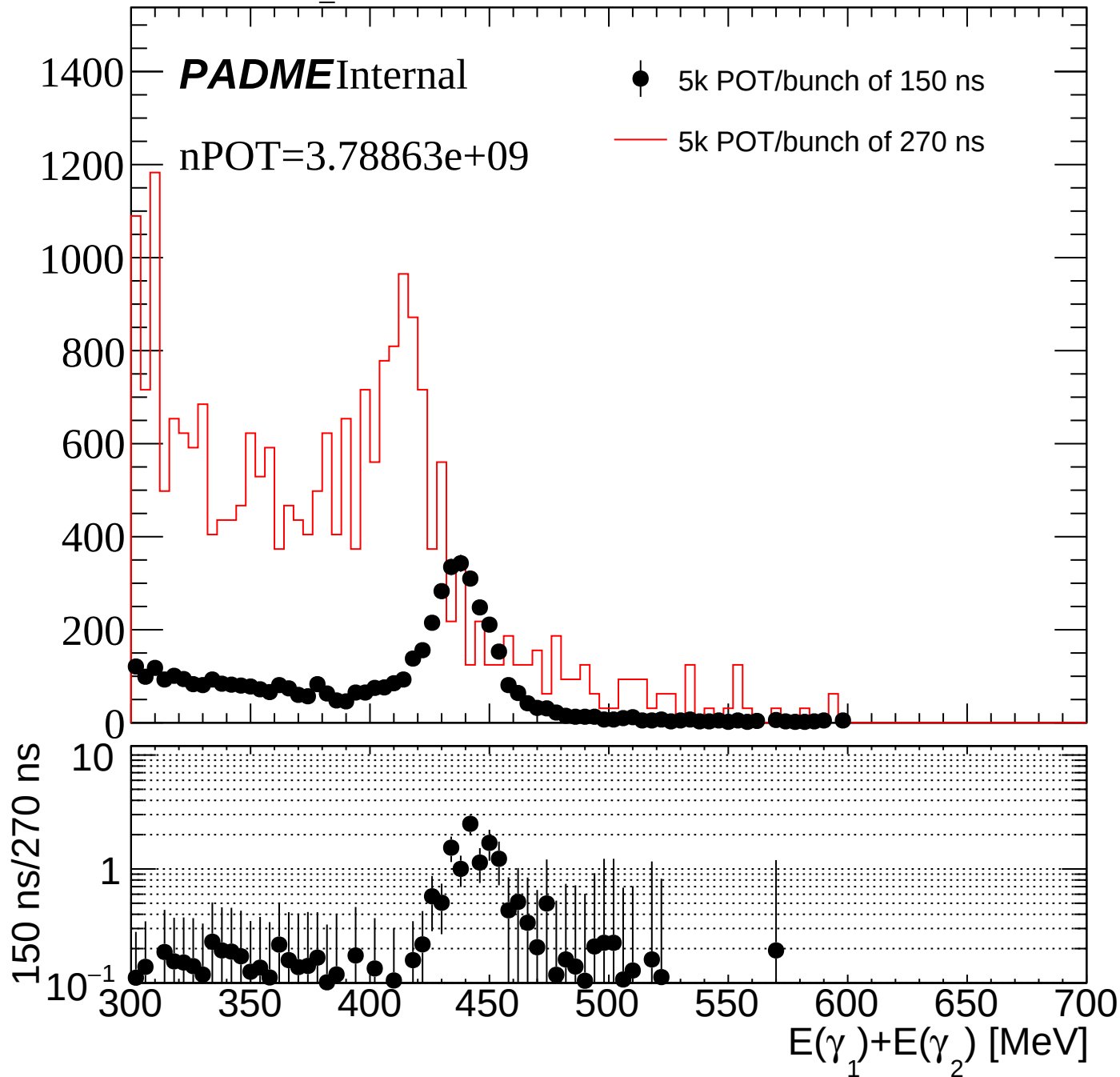
— 5k POT/bunch of 270 ns

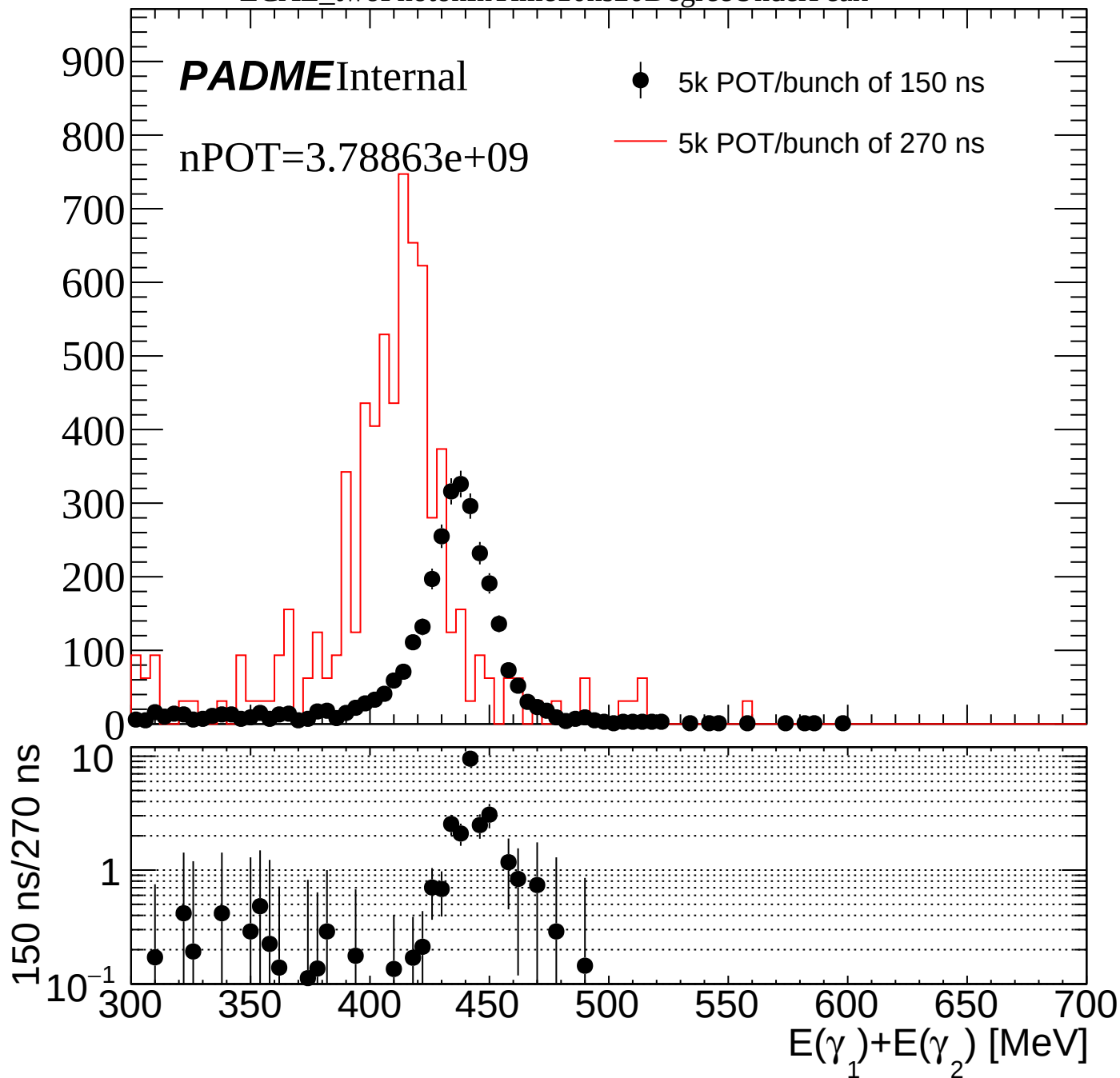


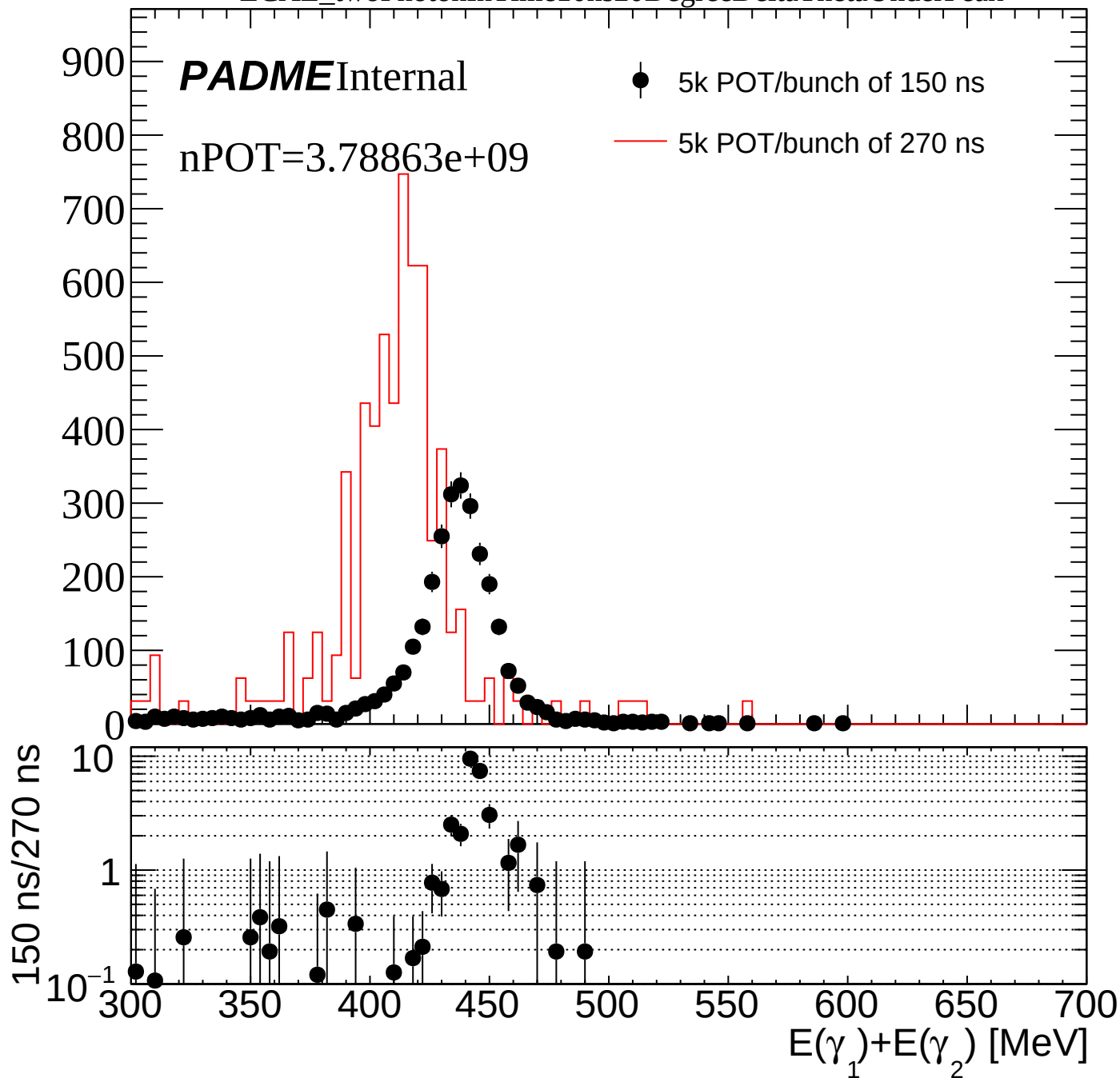


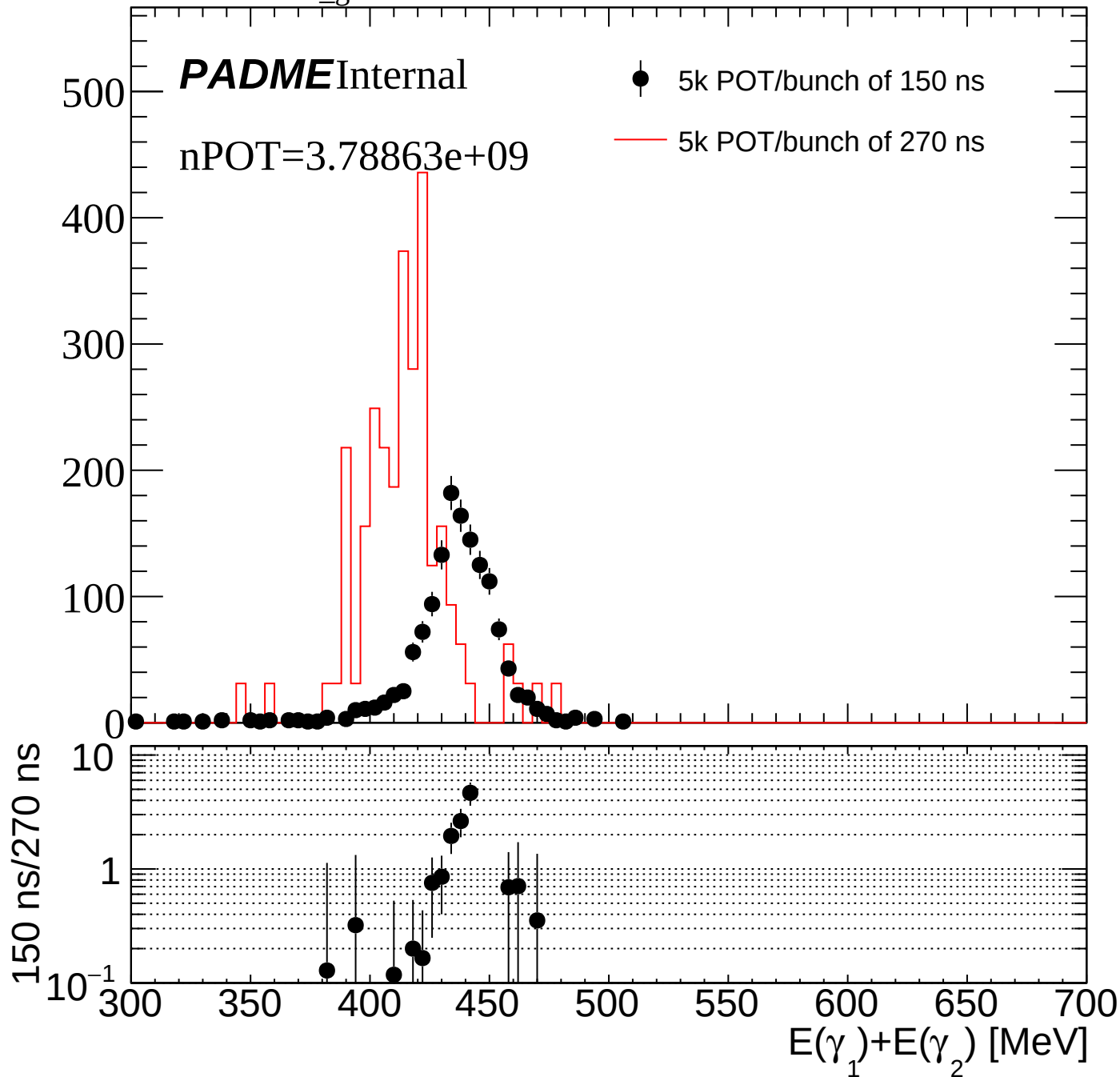


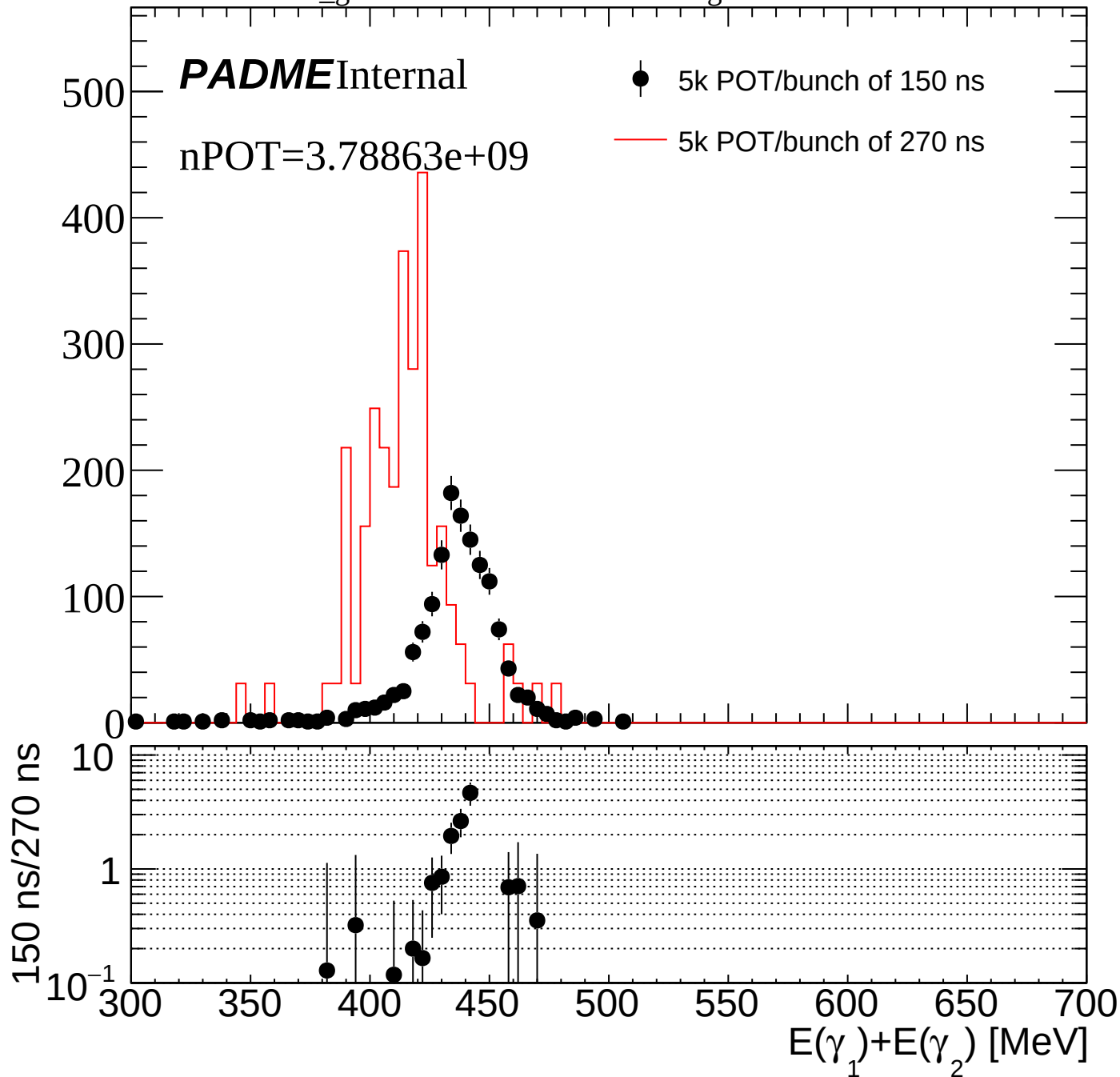


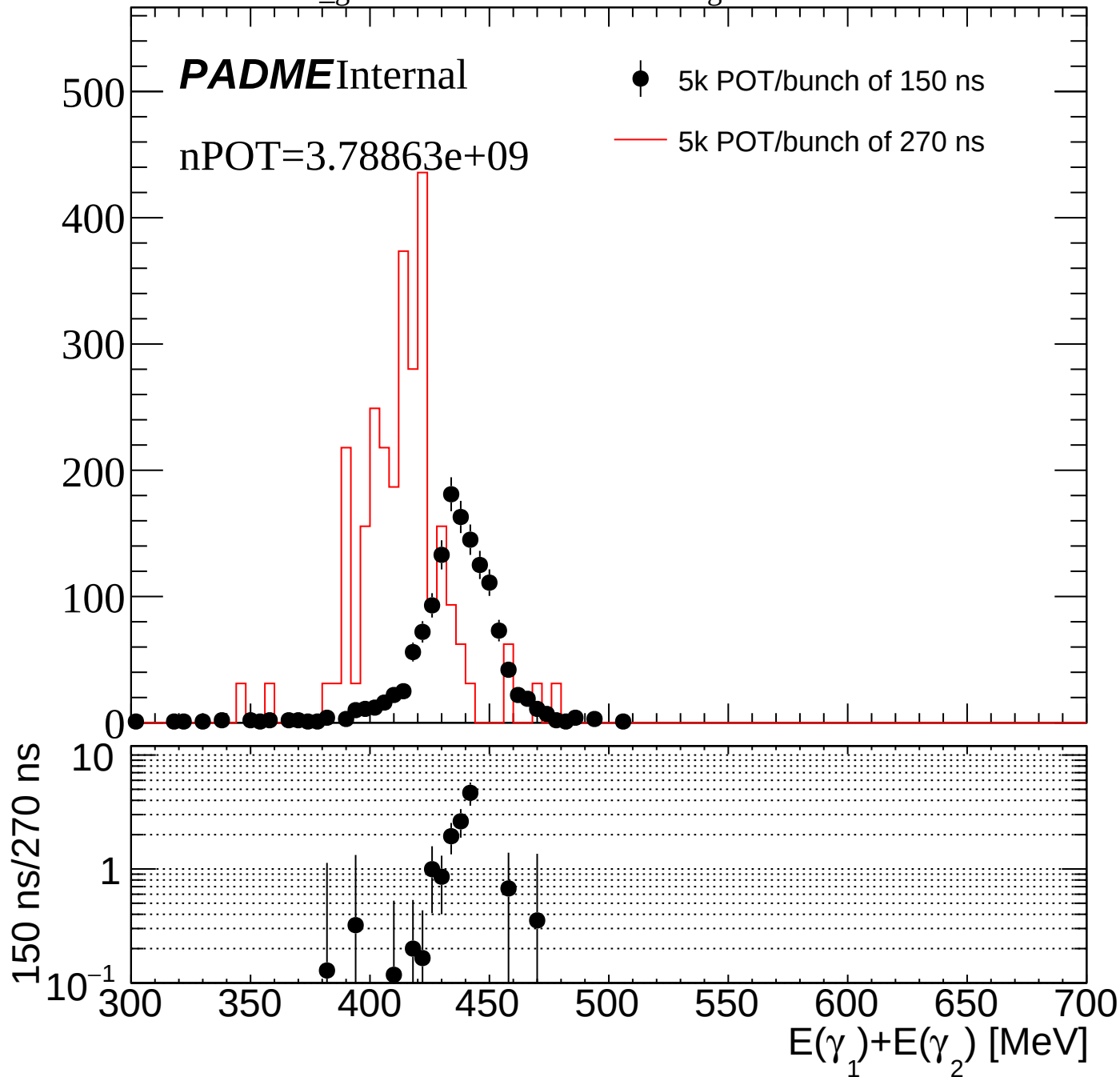


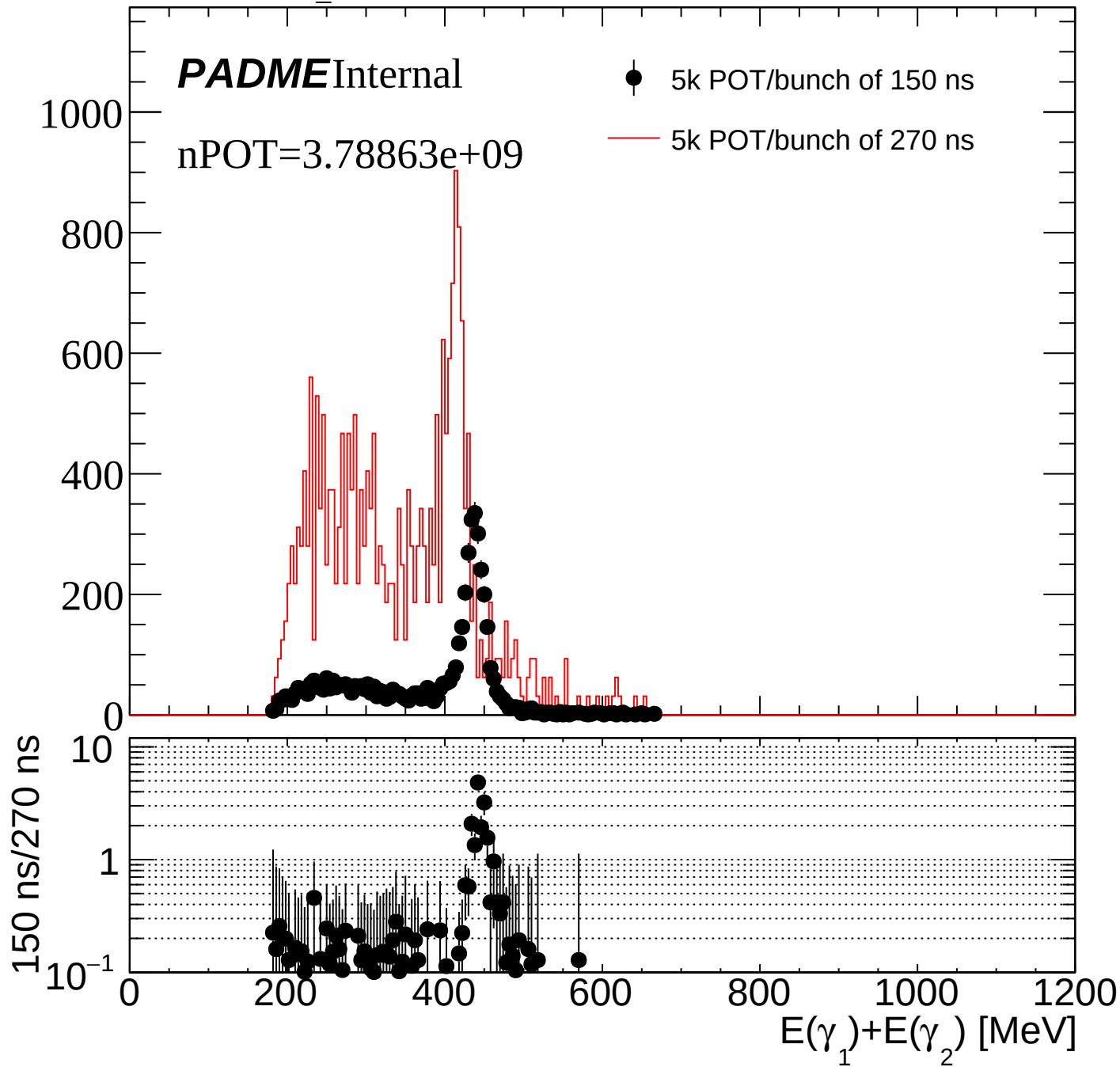


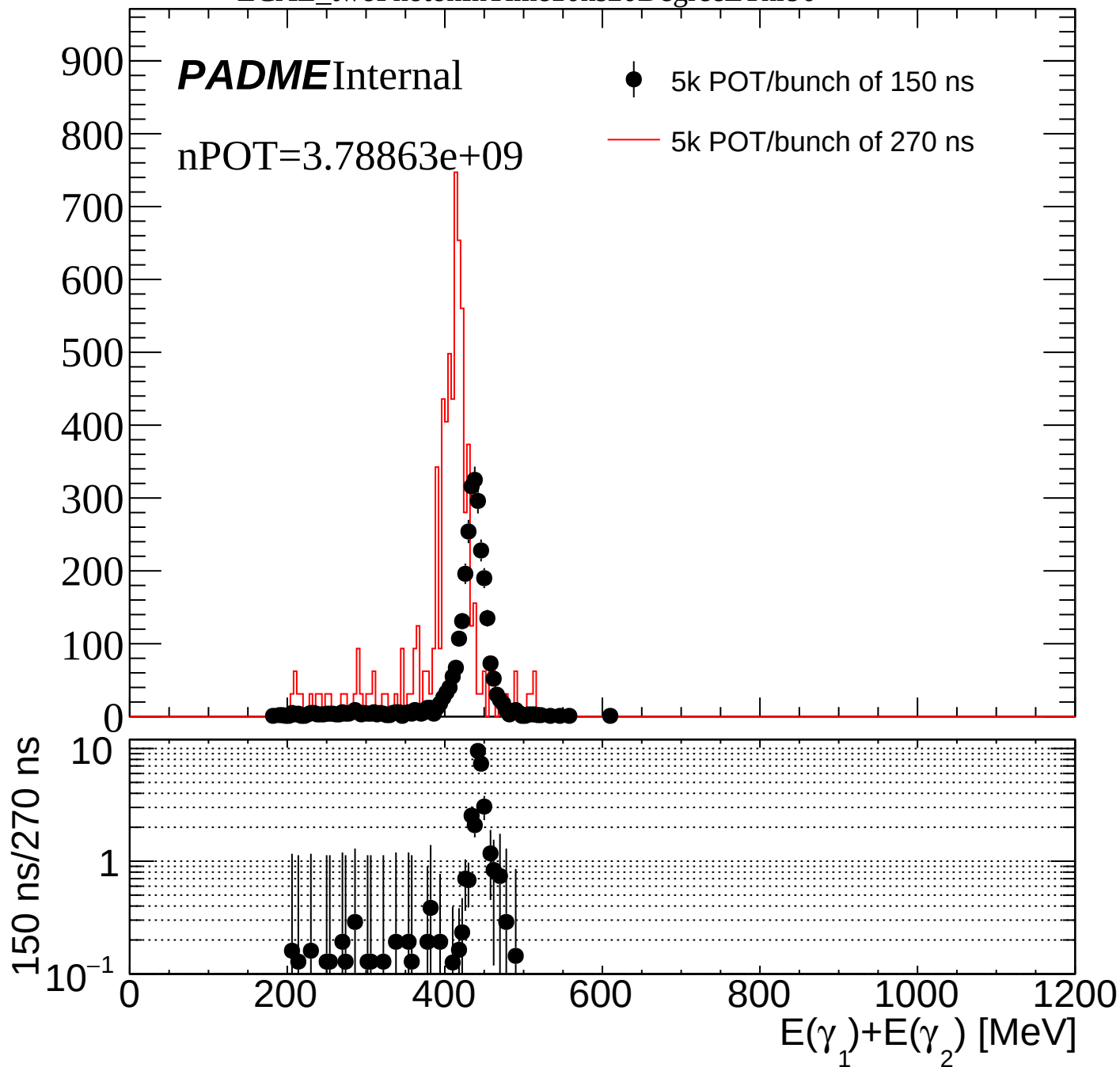


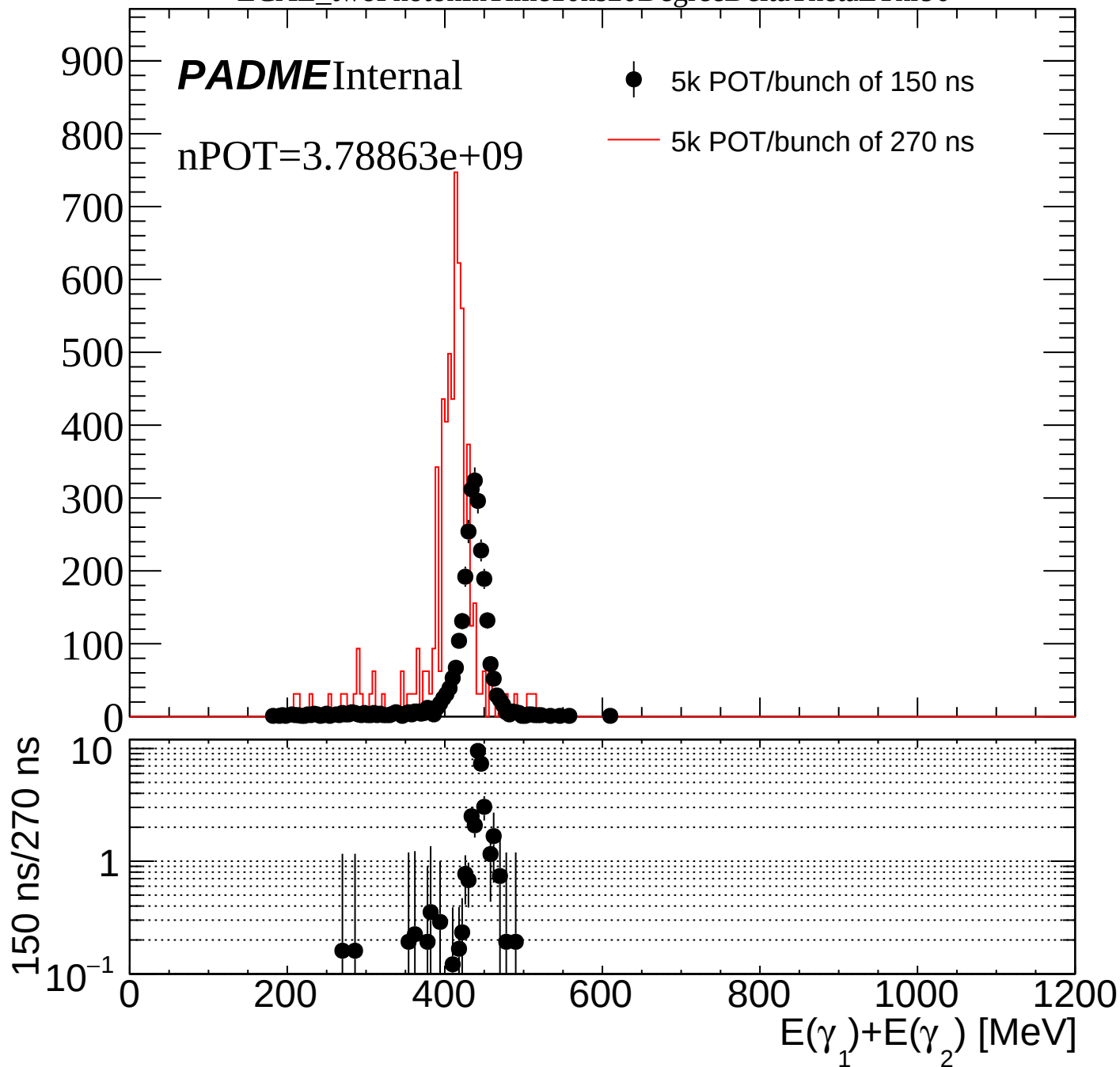


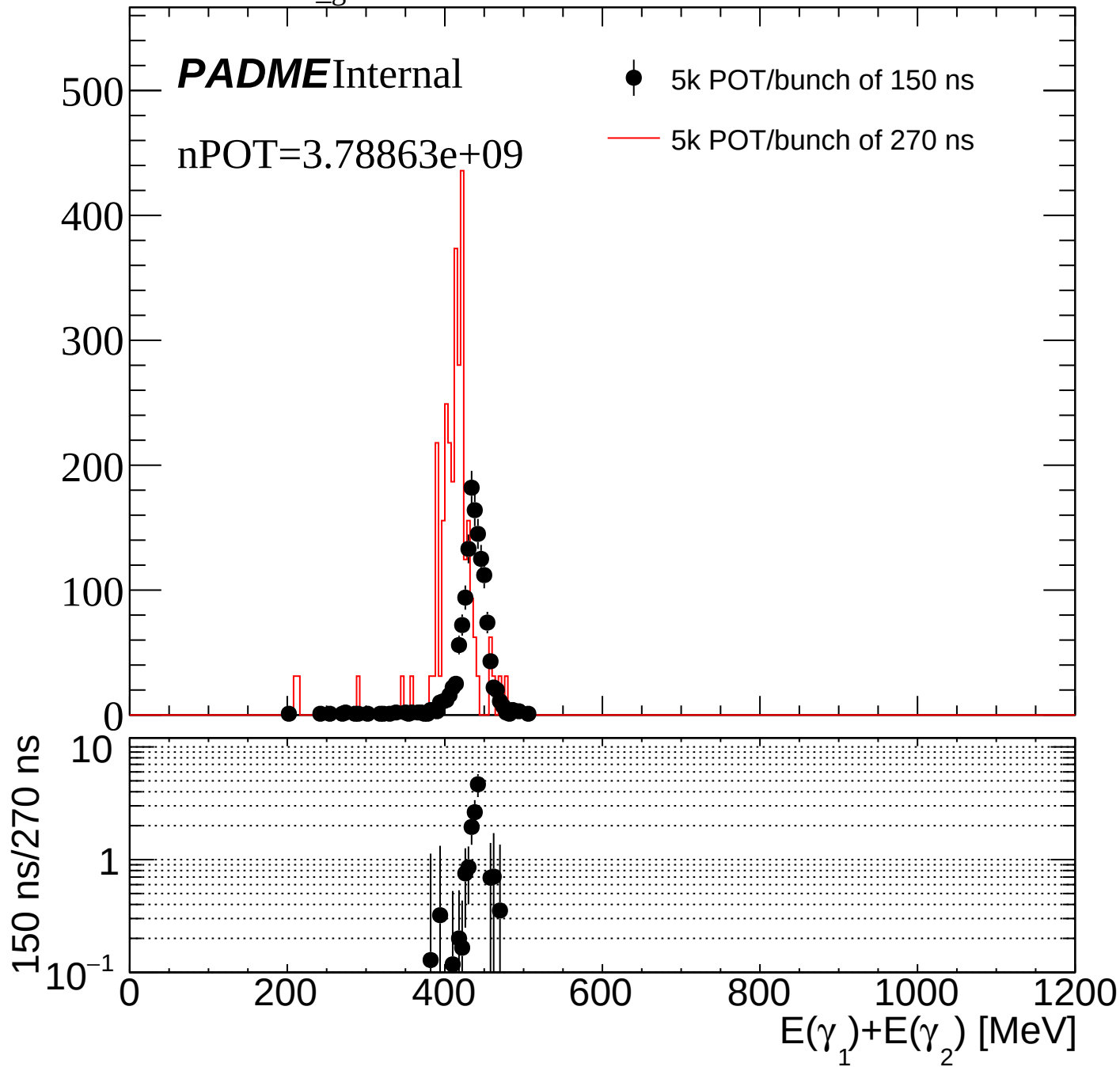


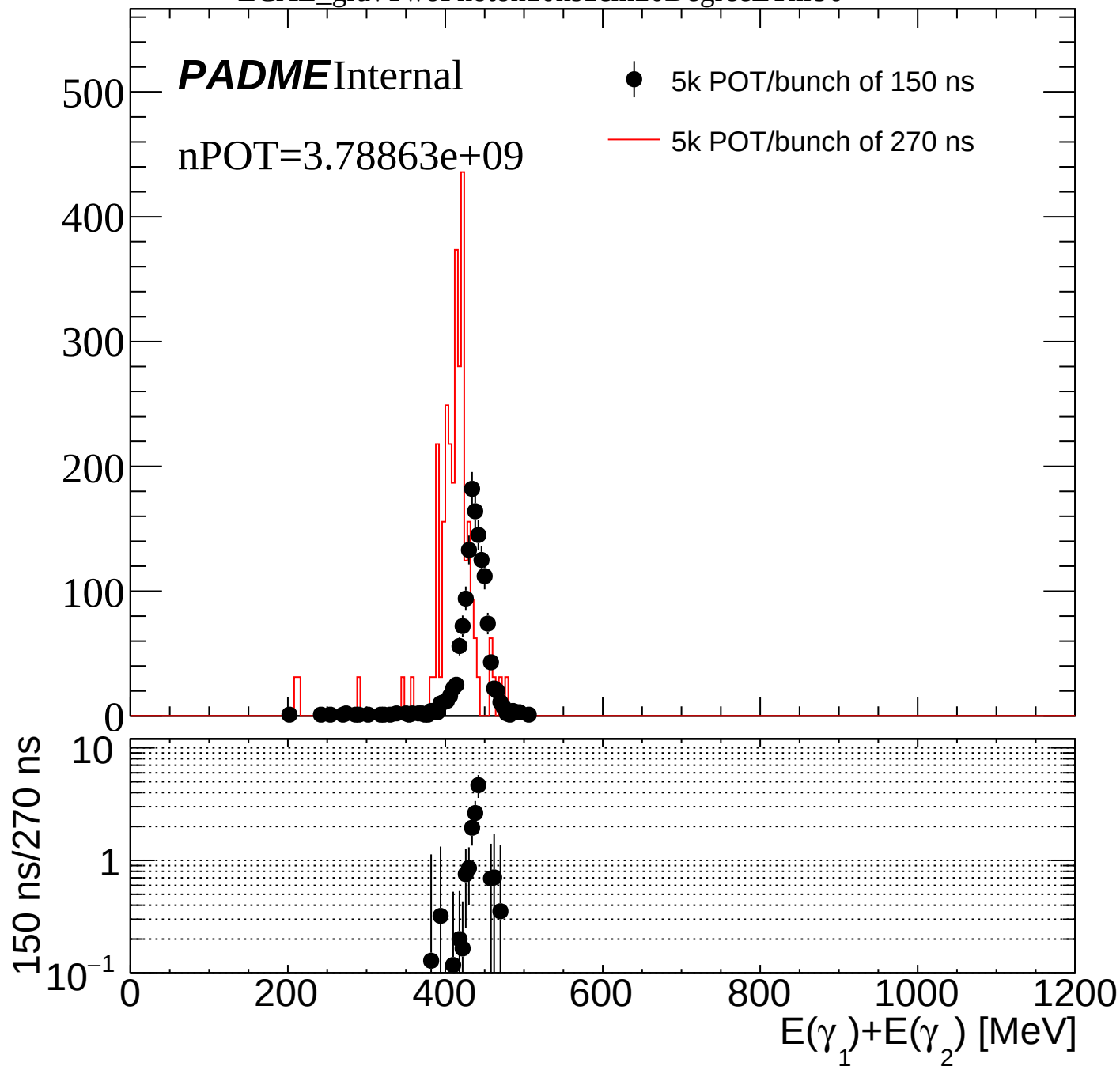


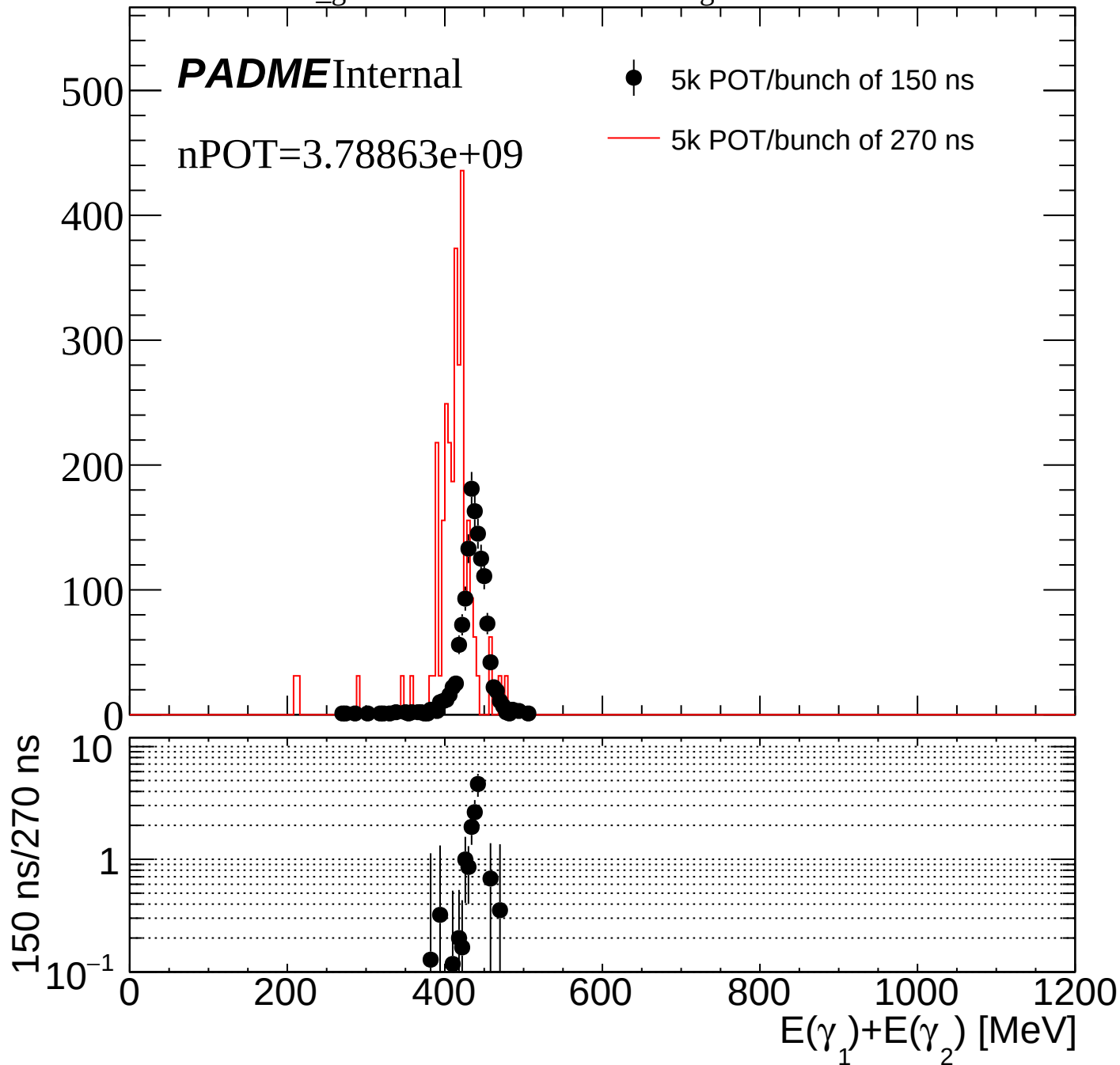


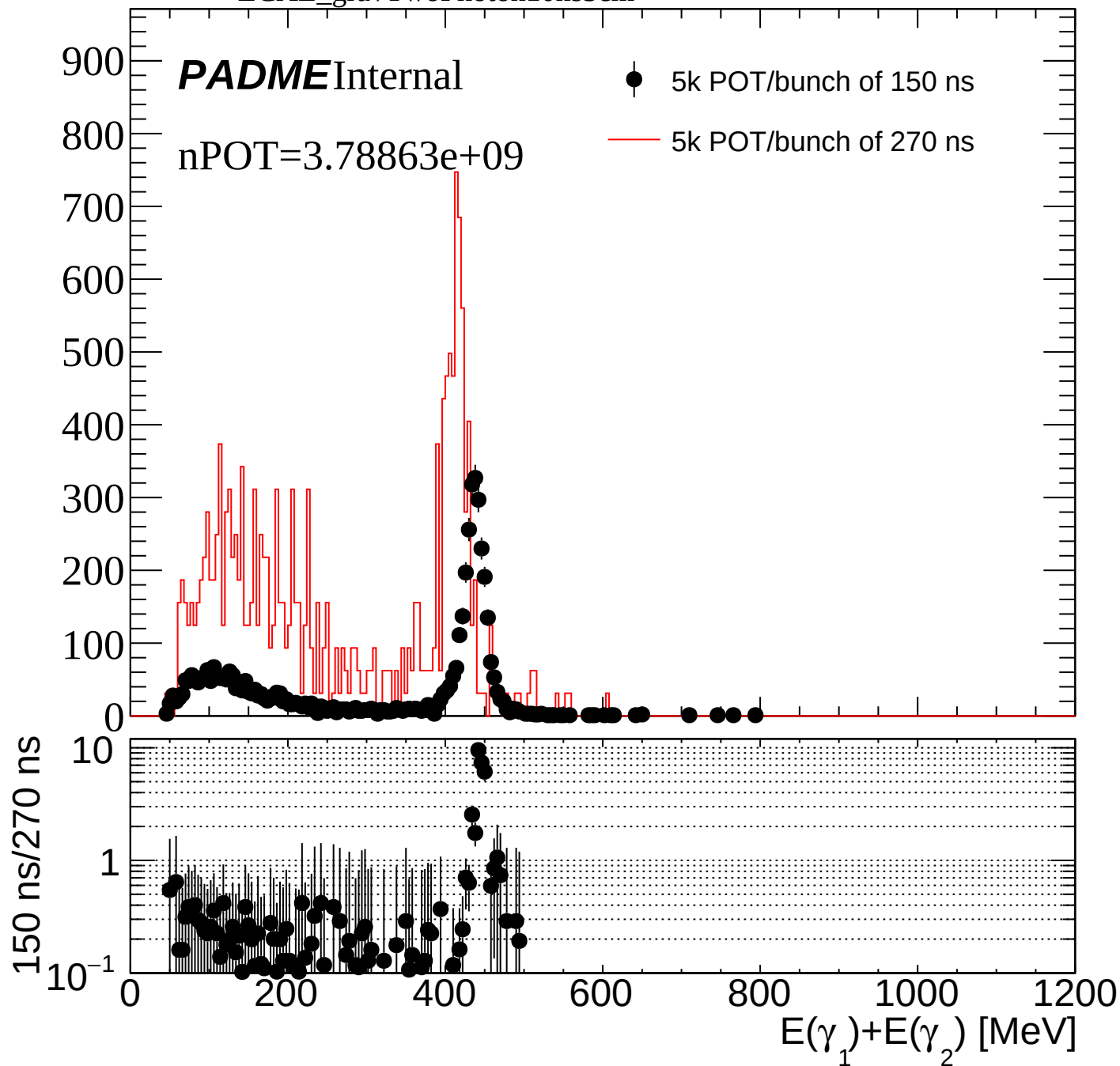


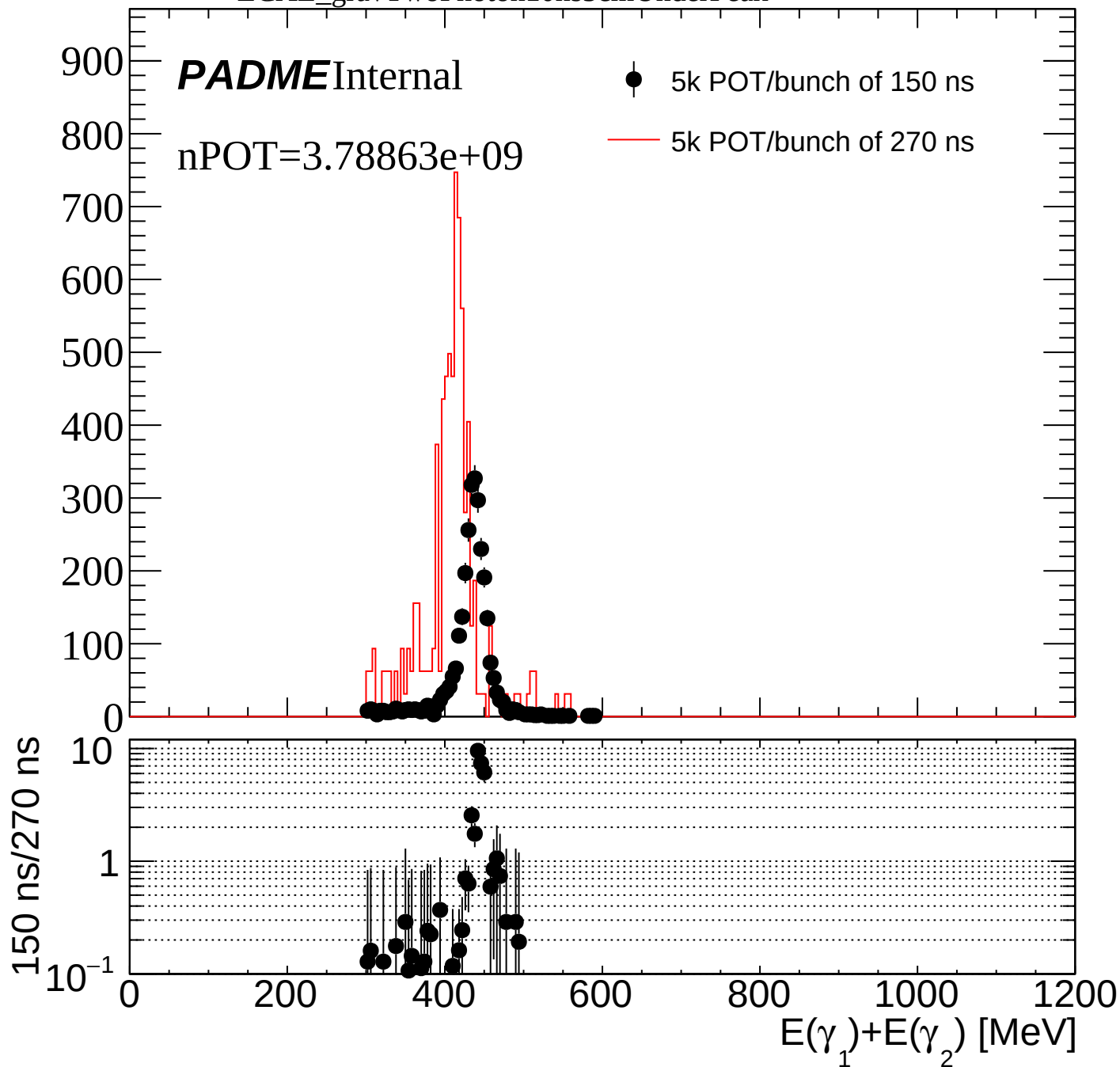


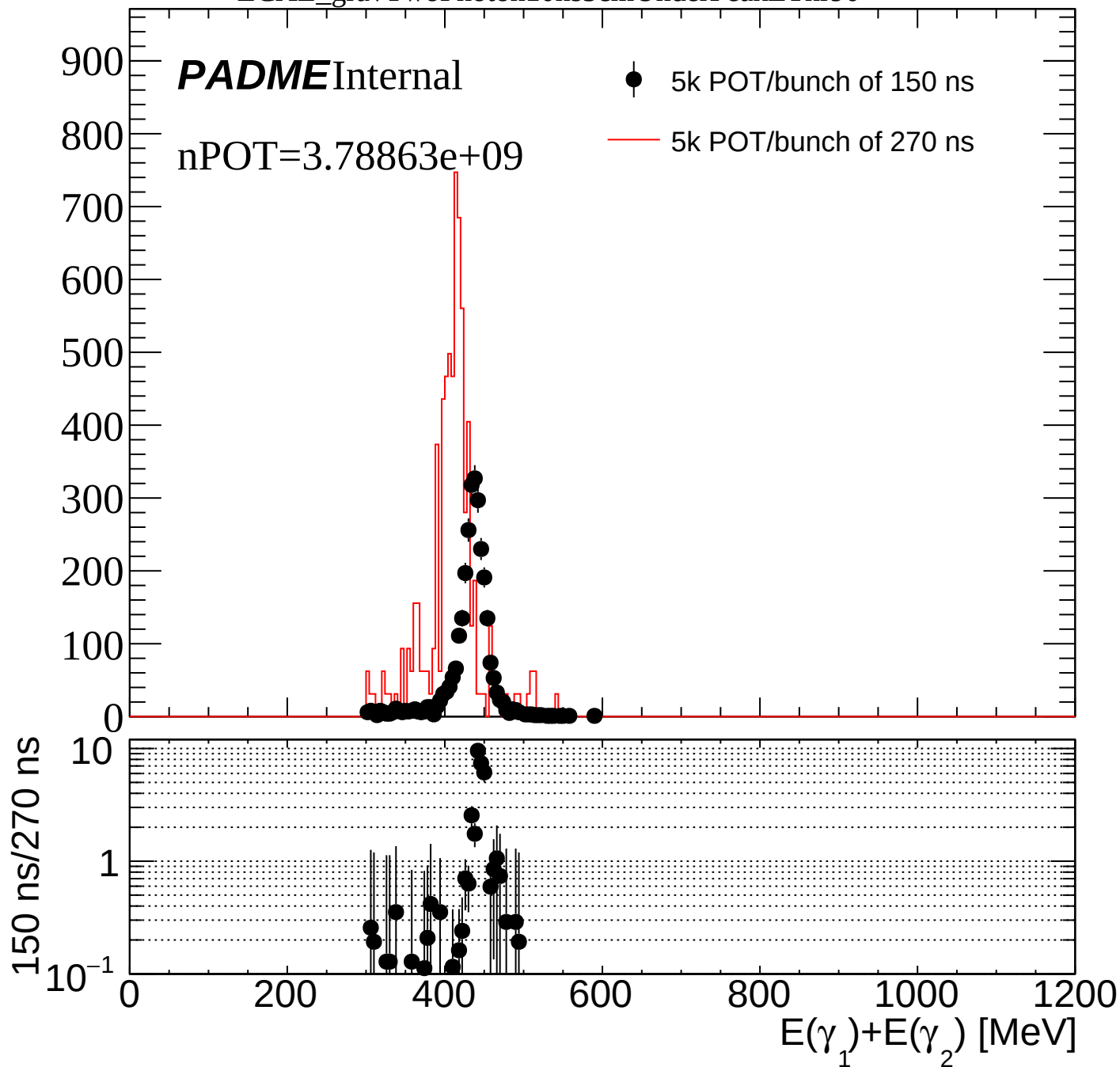


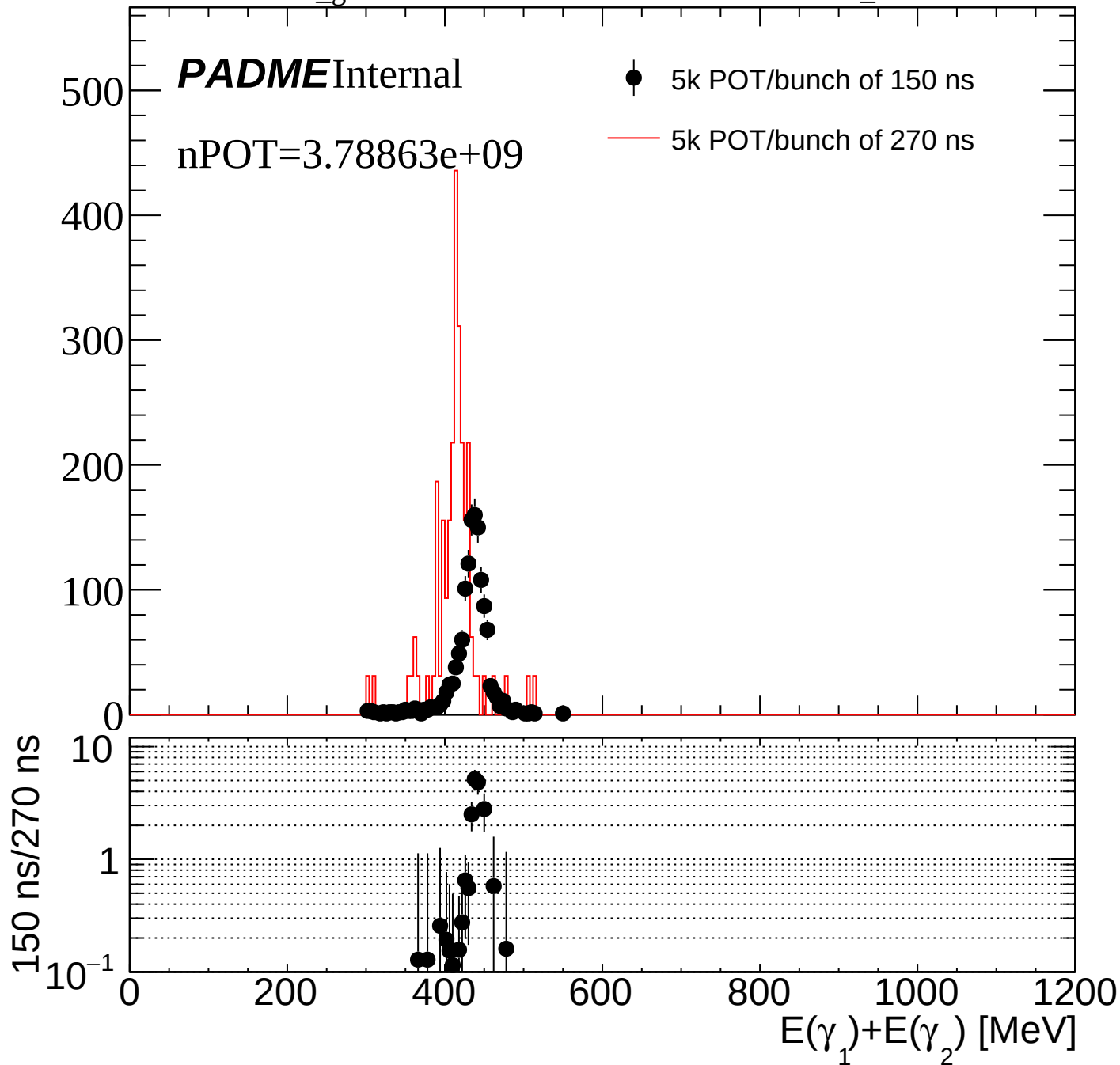


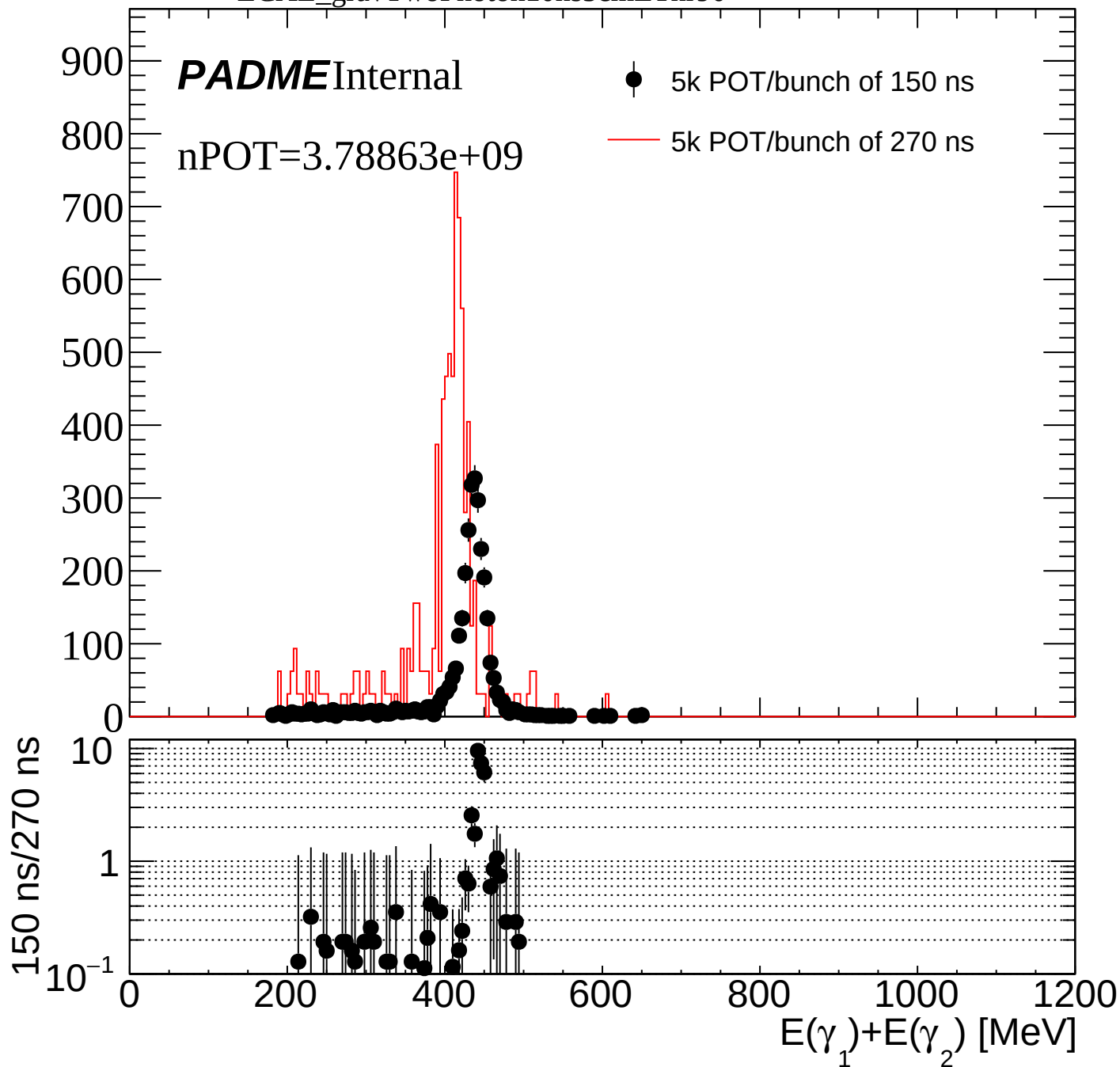


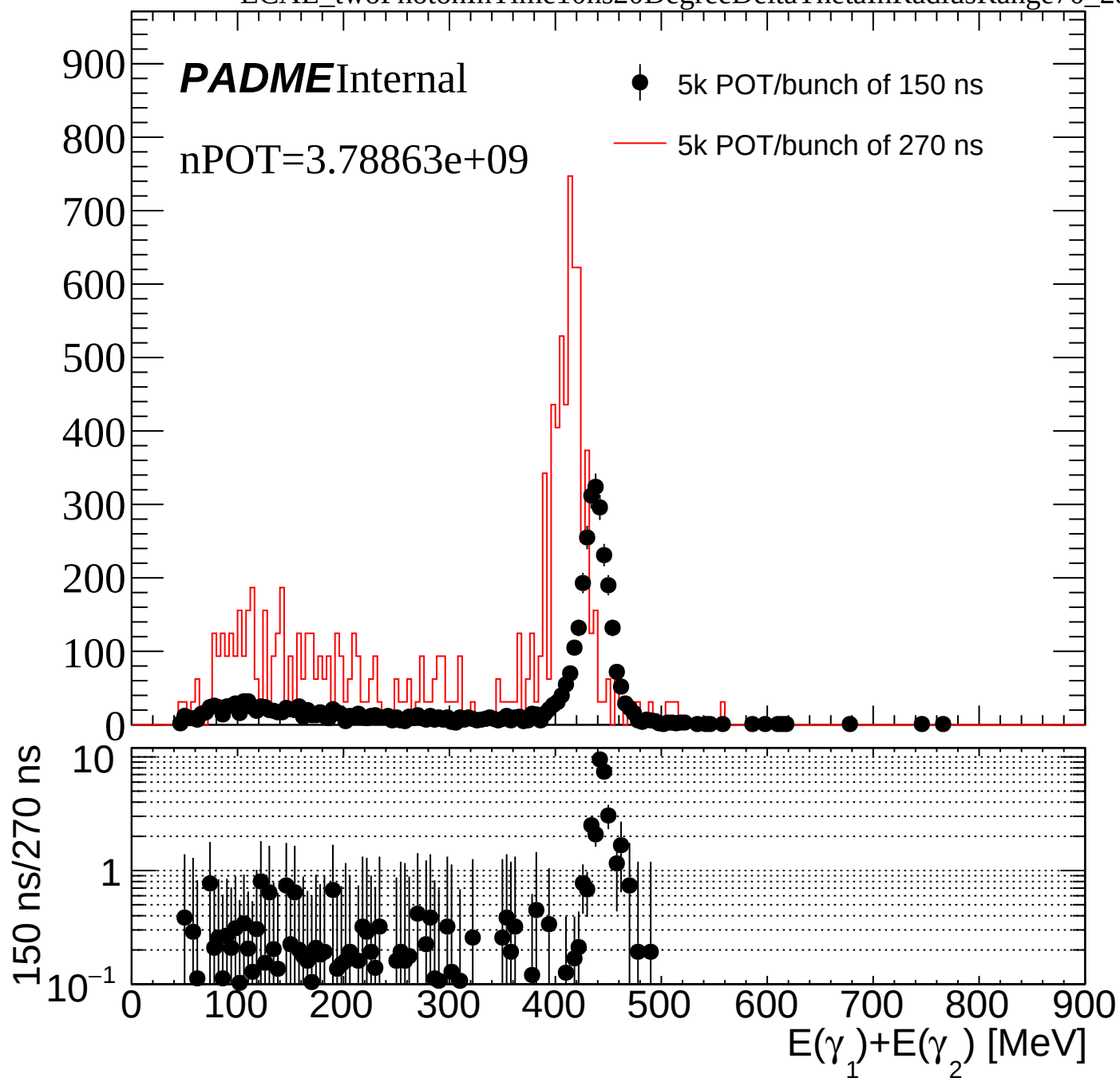


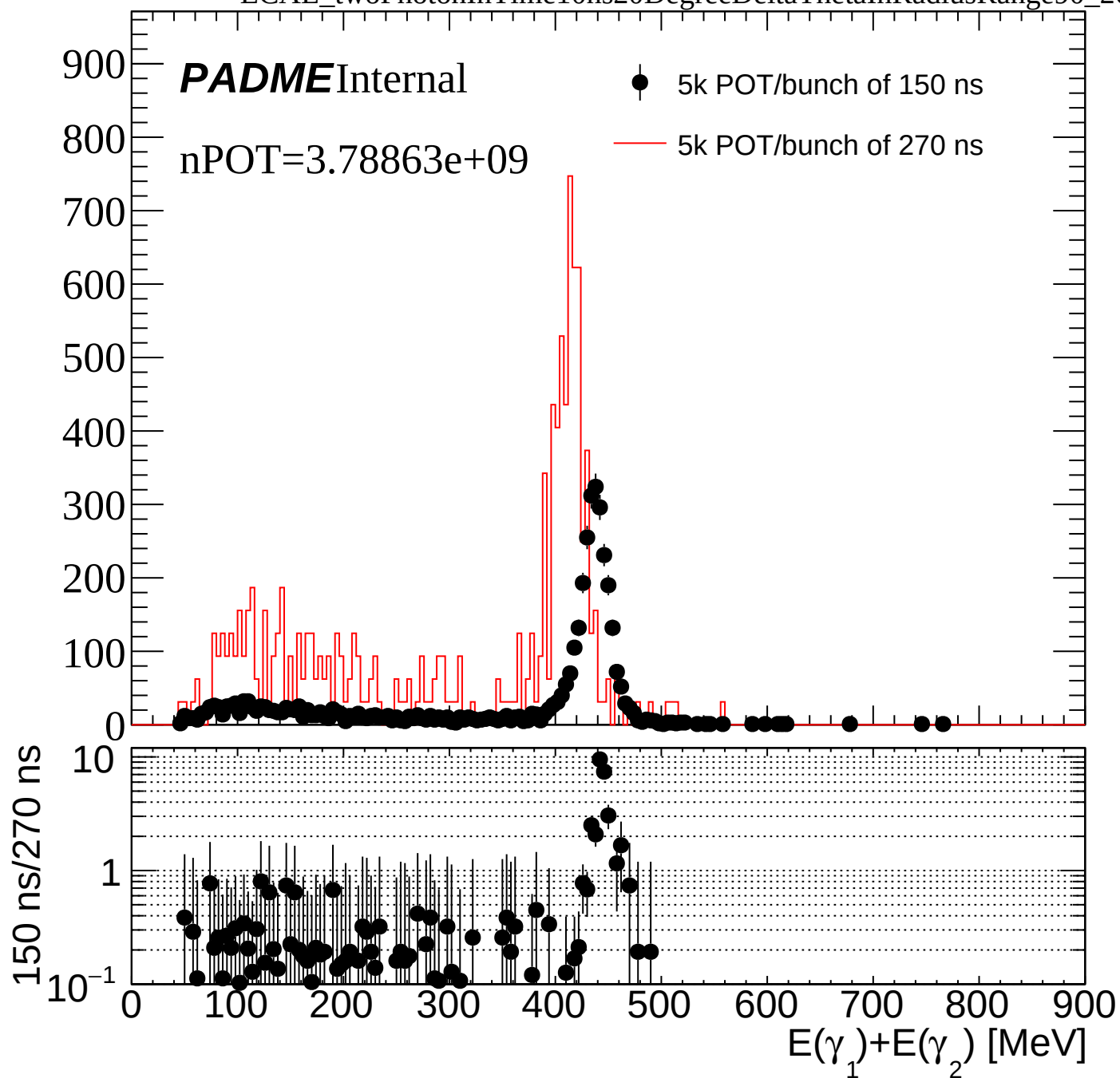


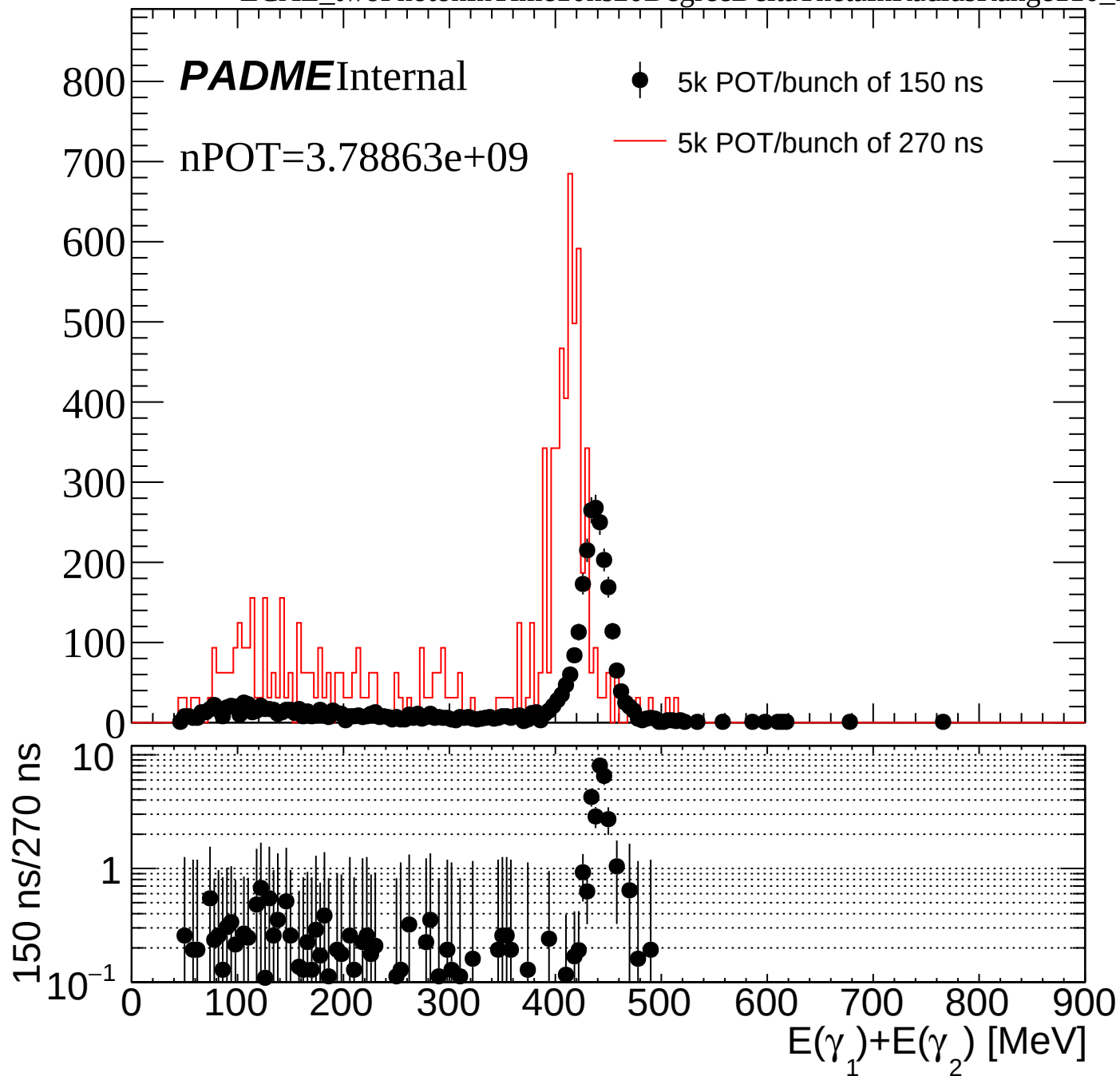


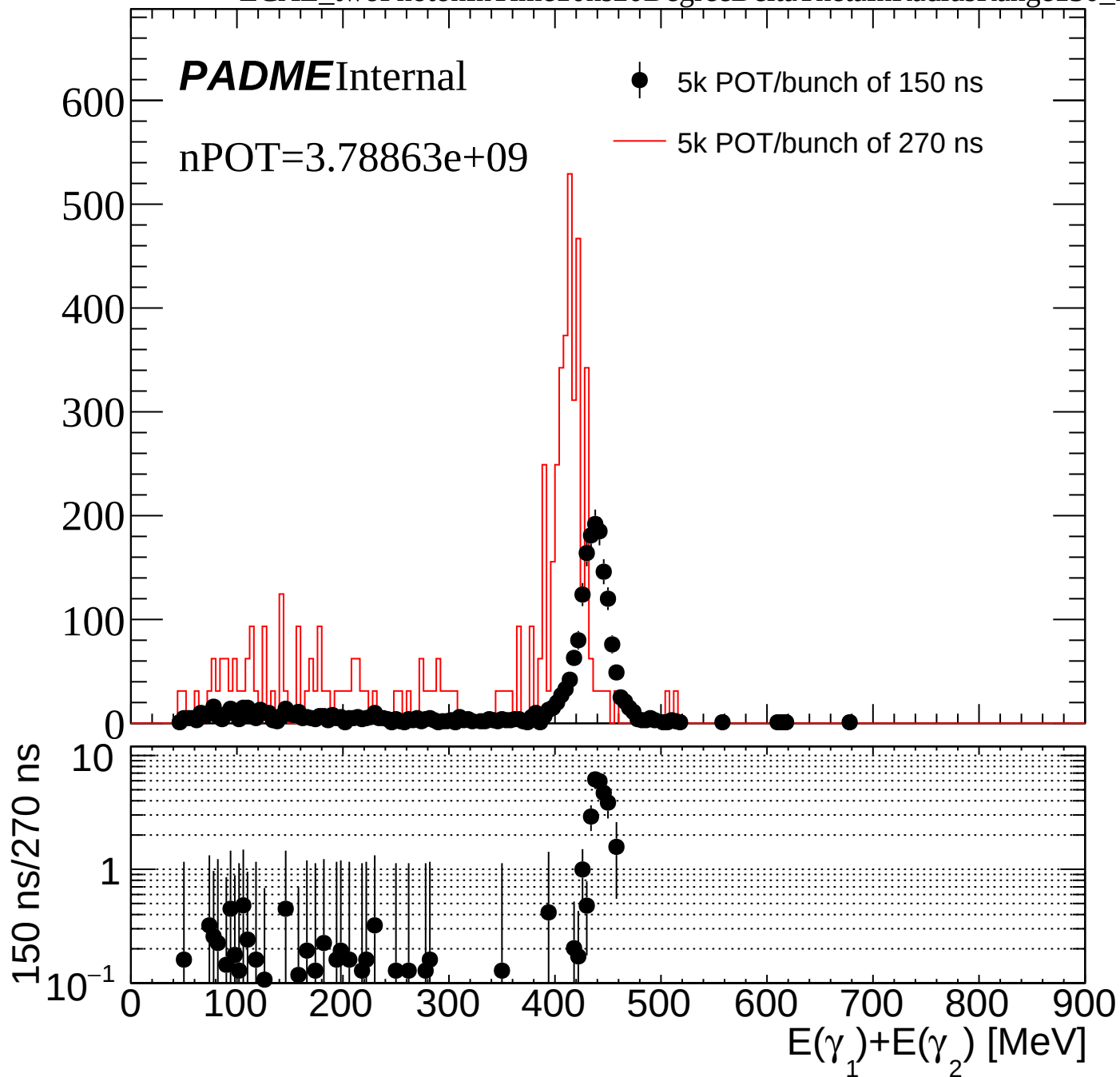


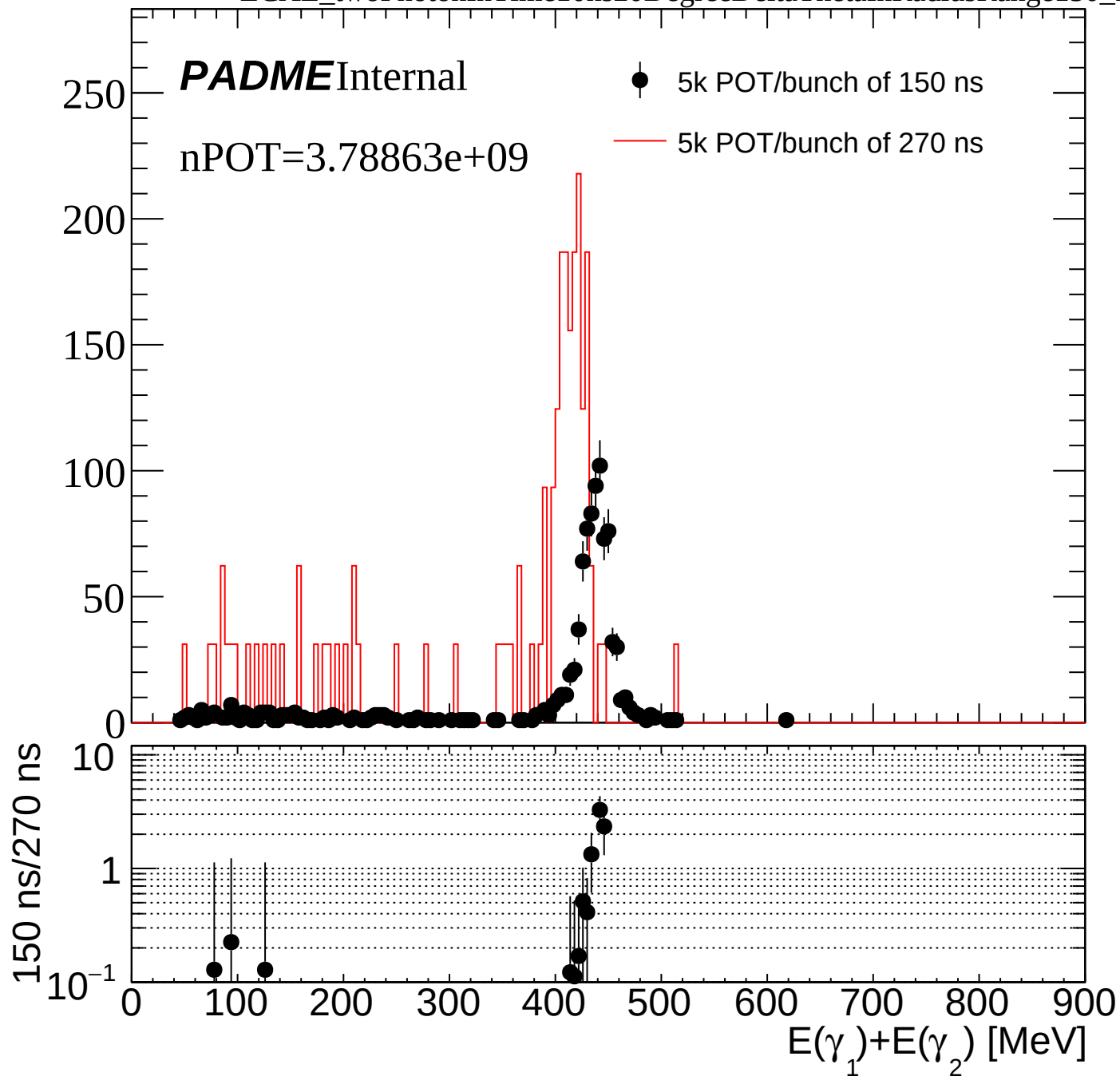


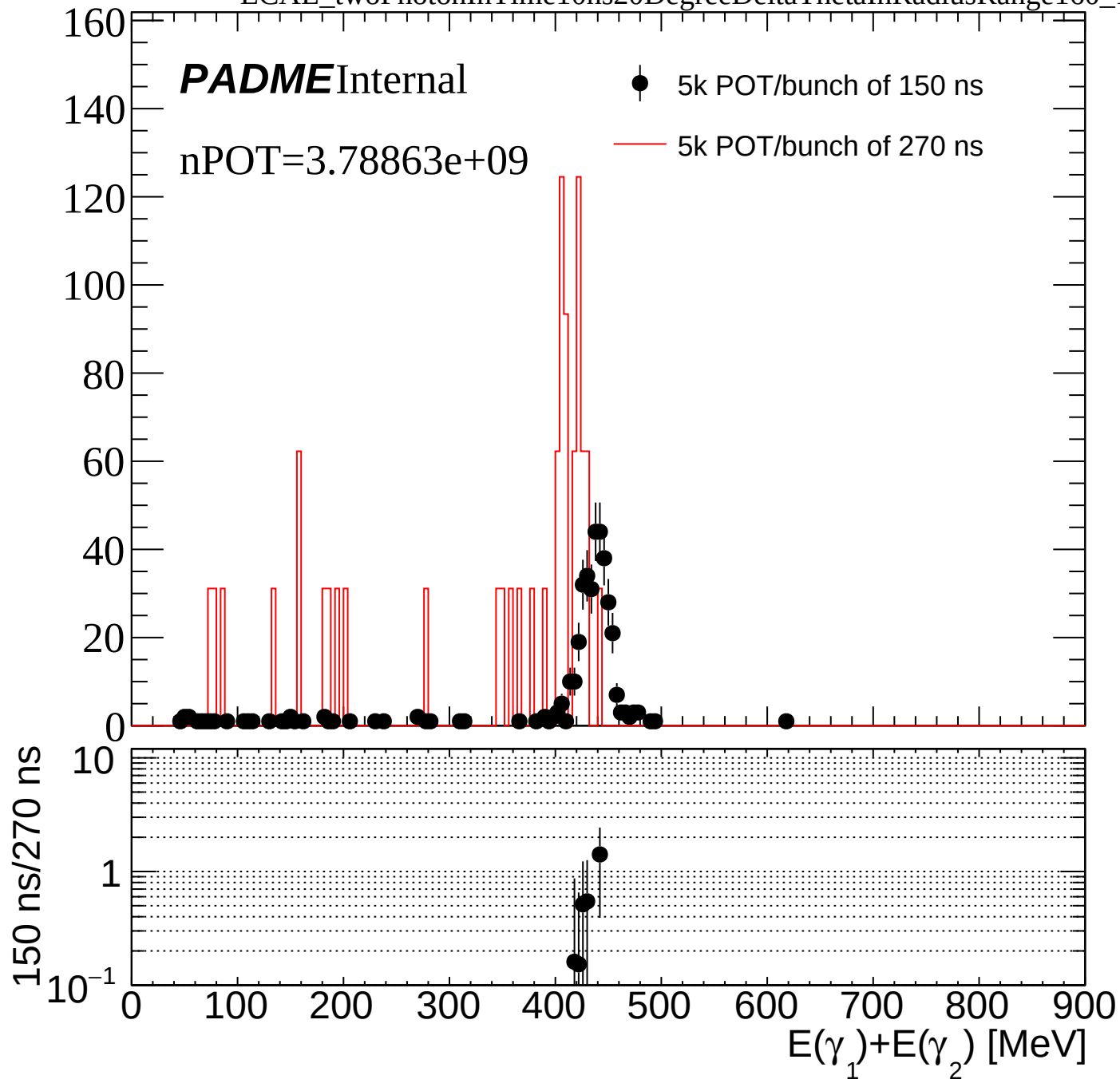


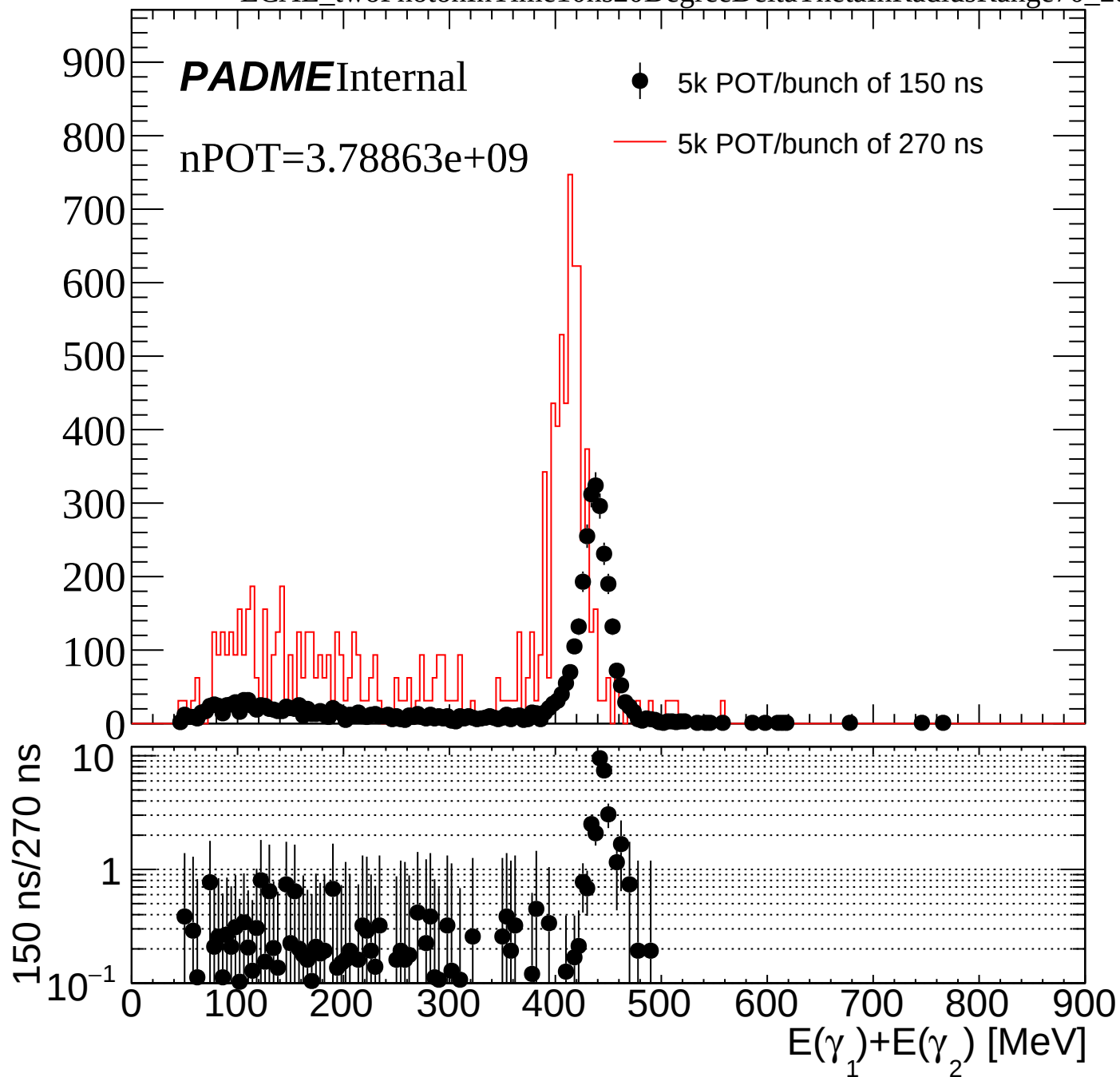


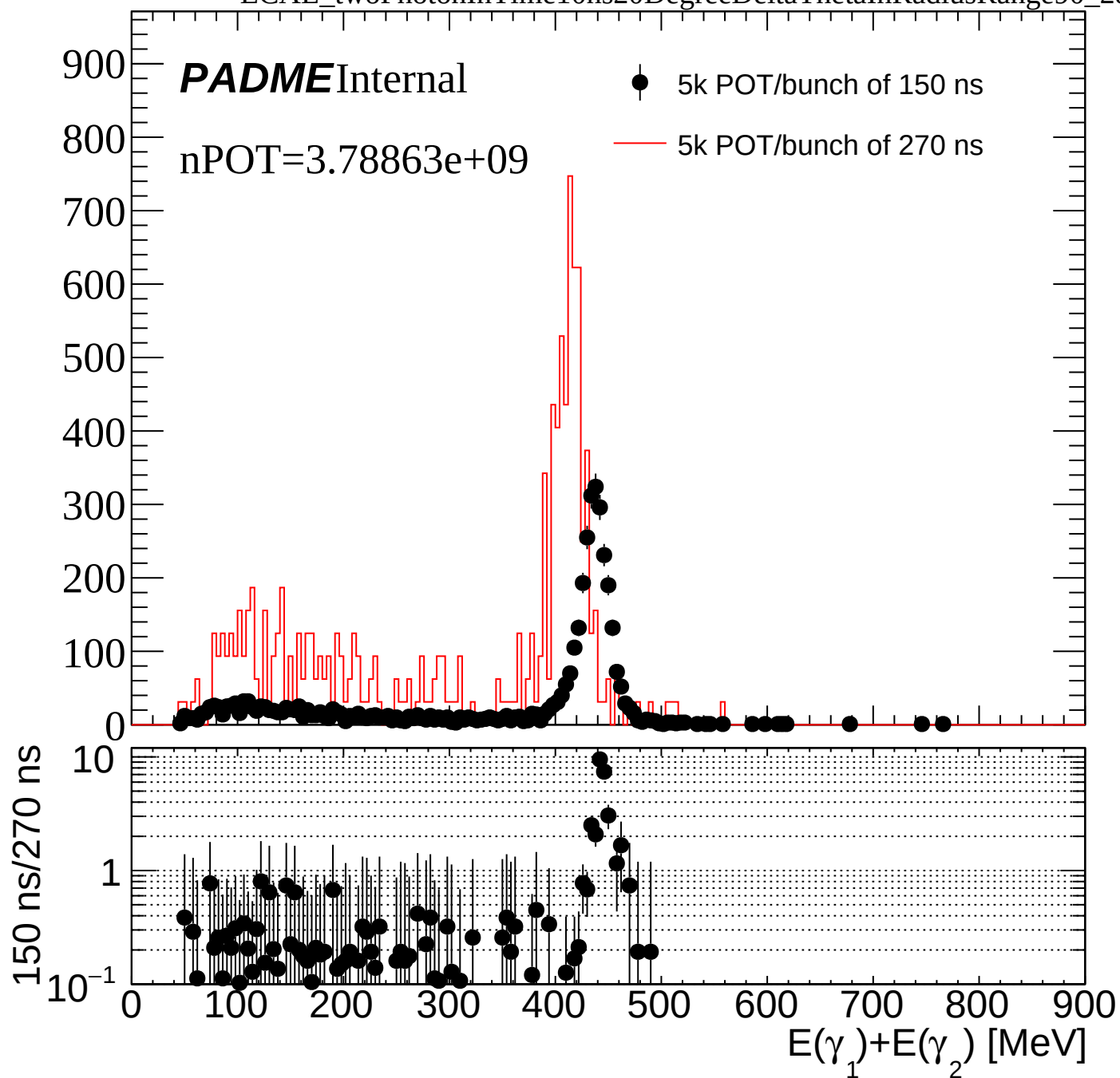


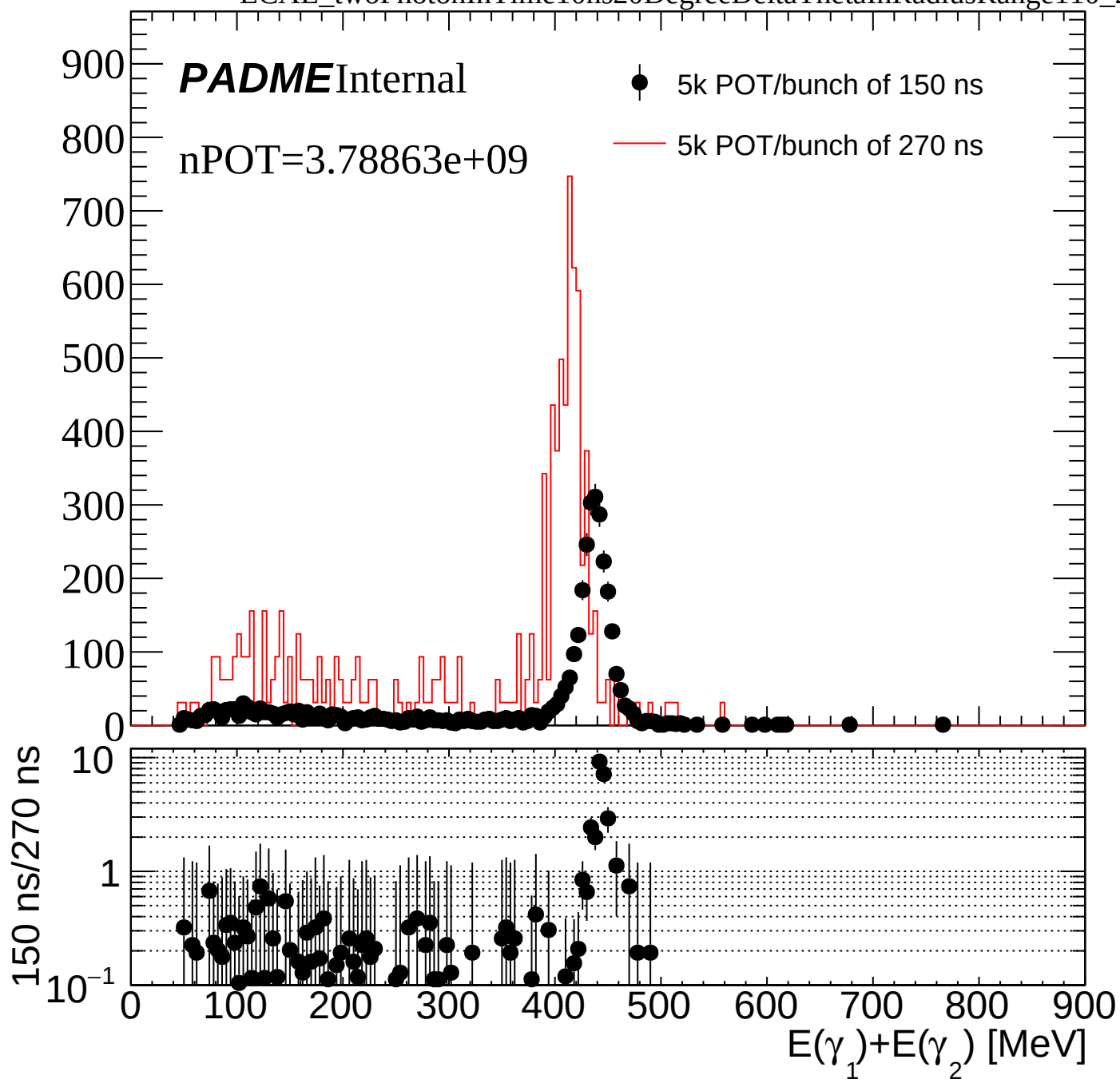


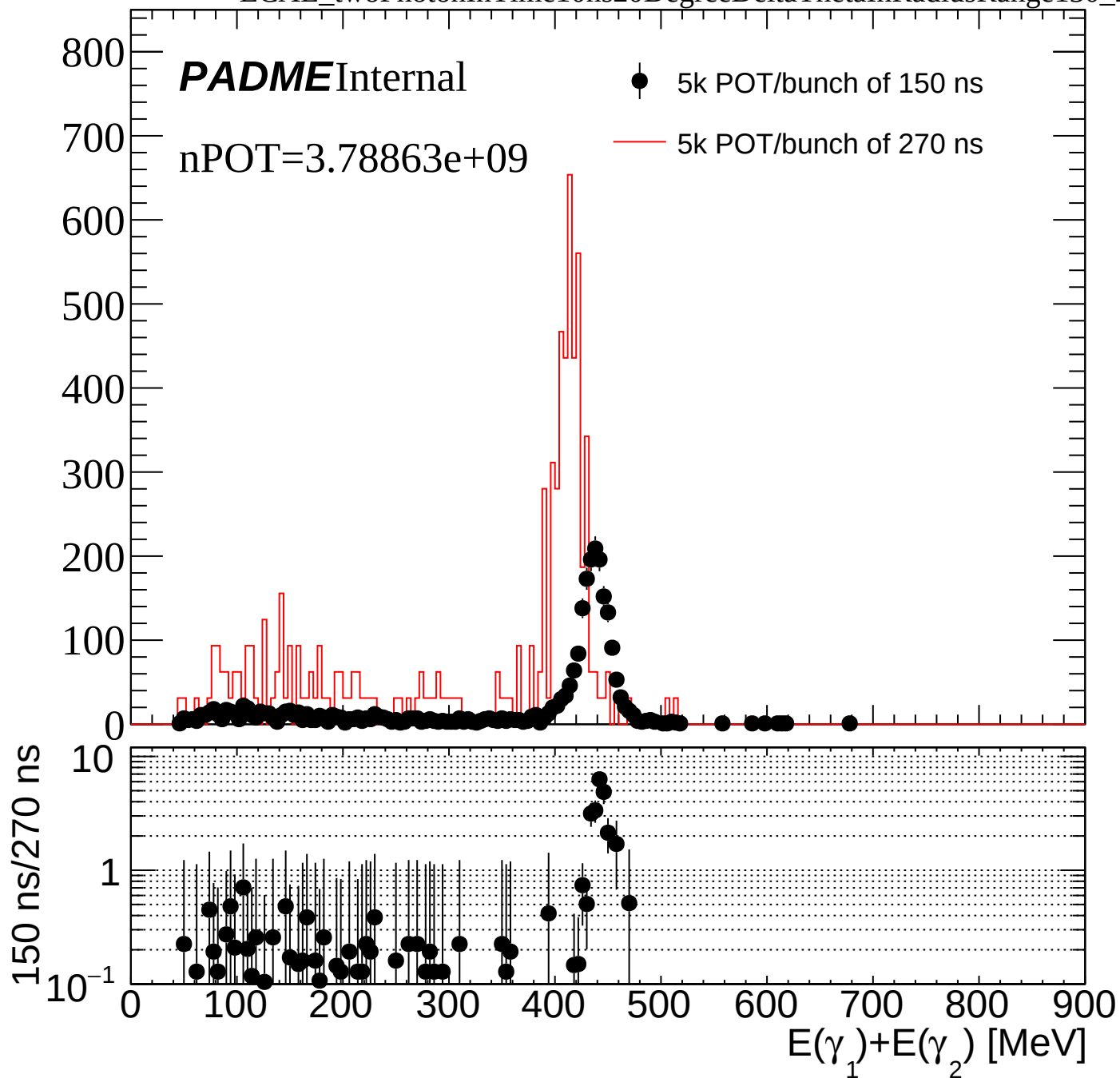


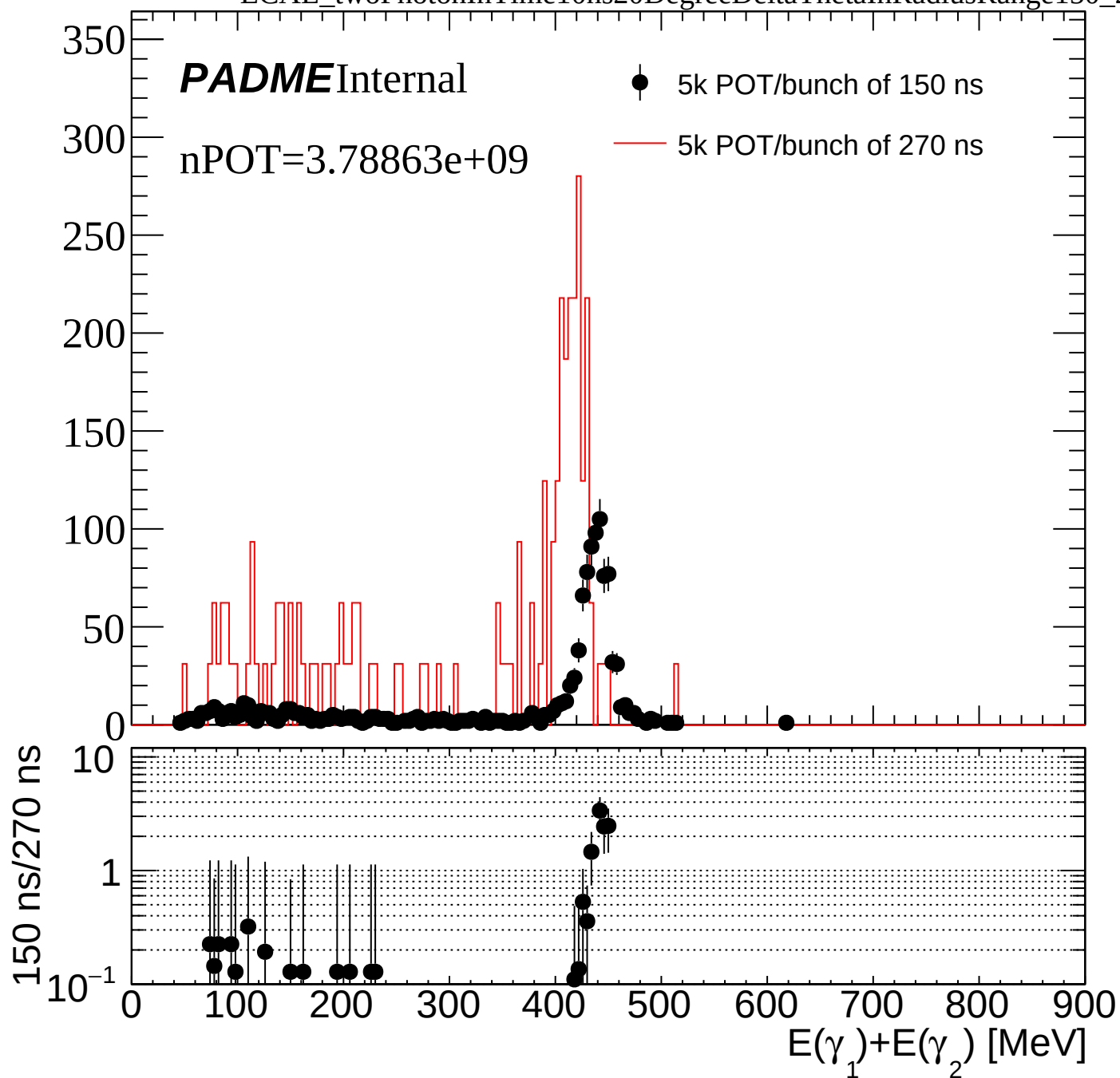


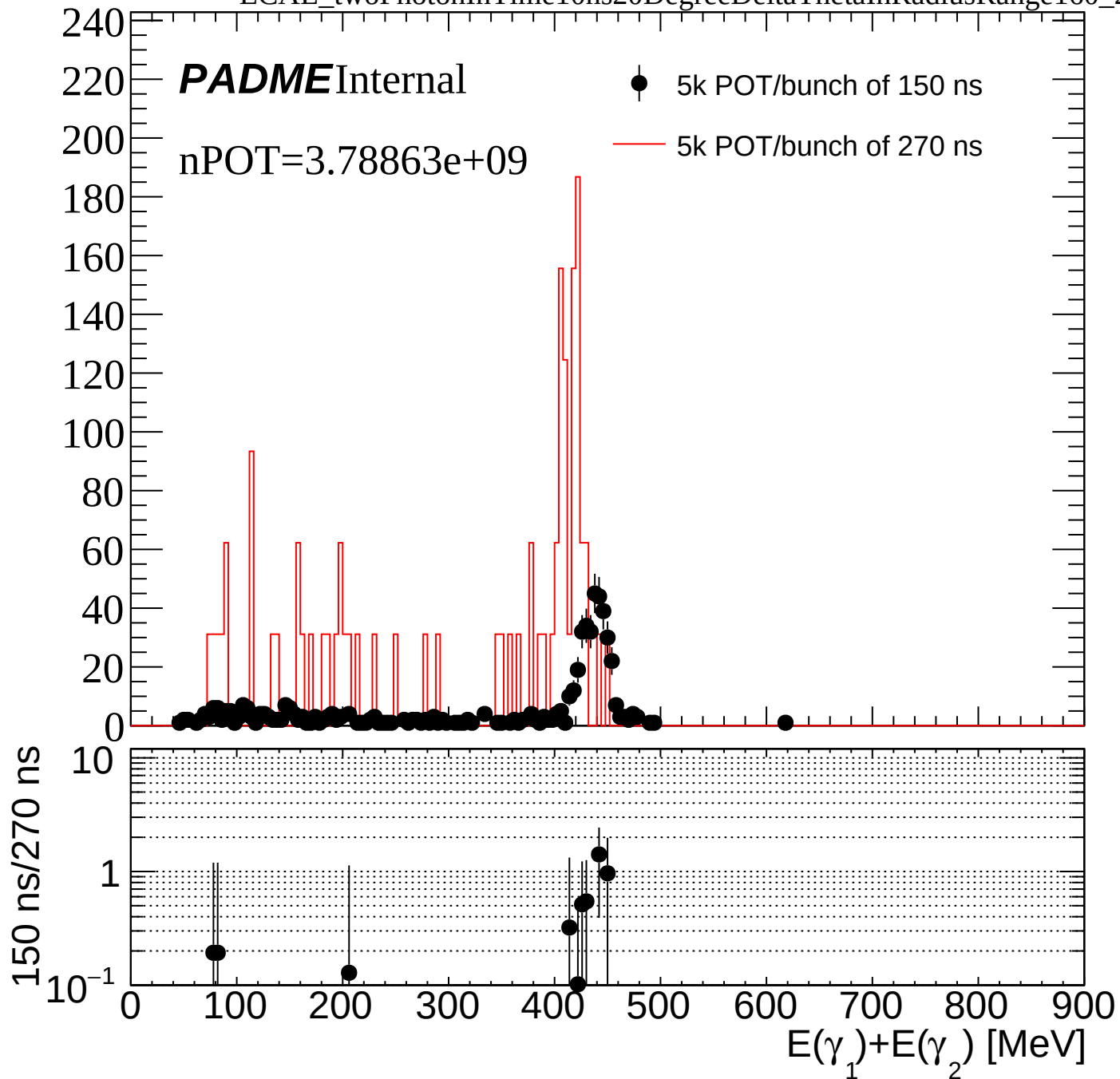


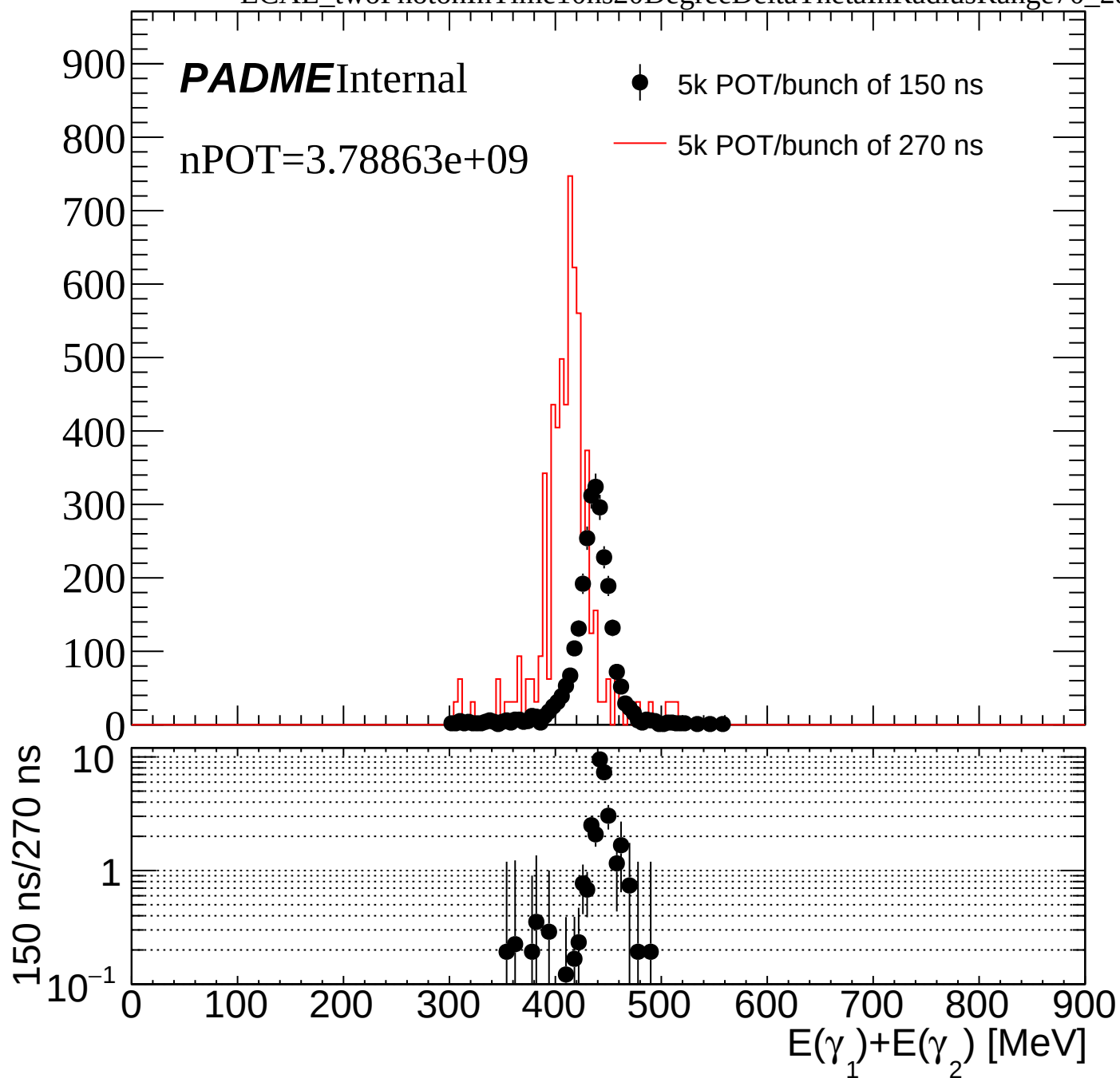


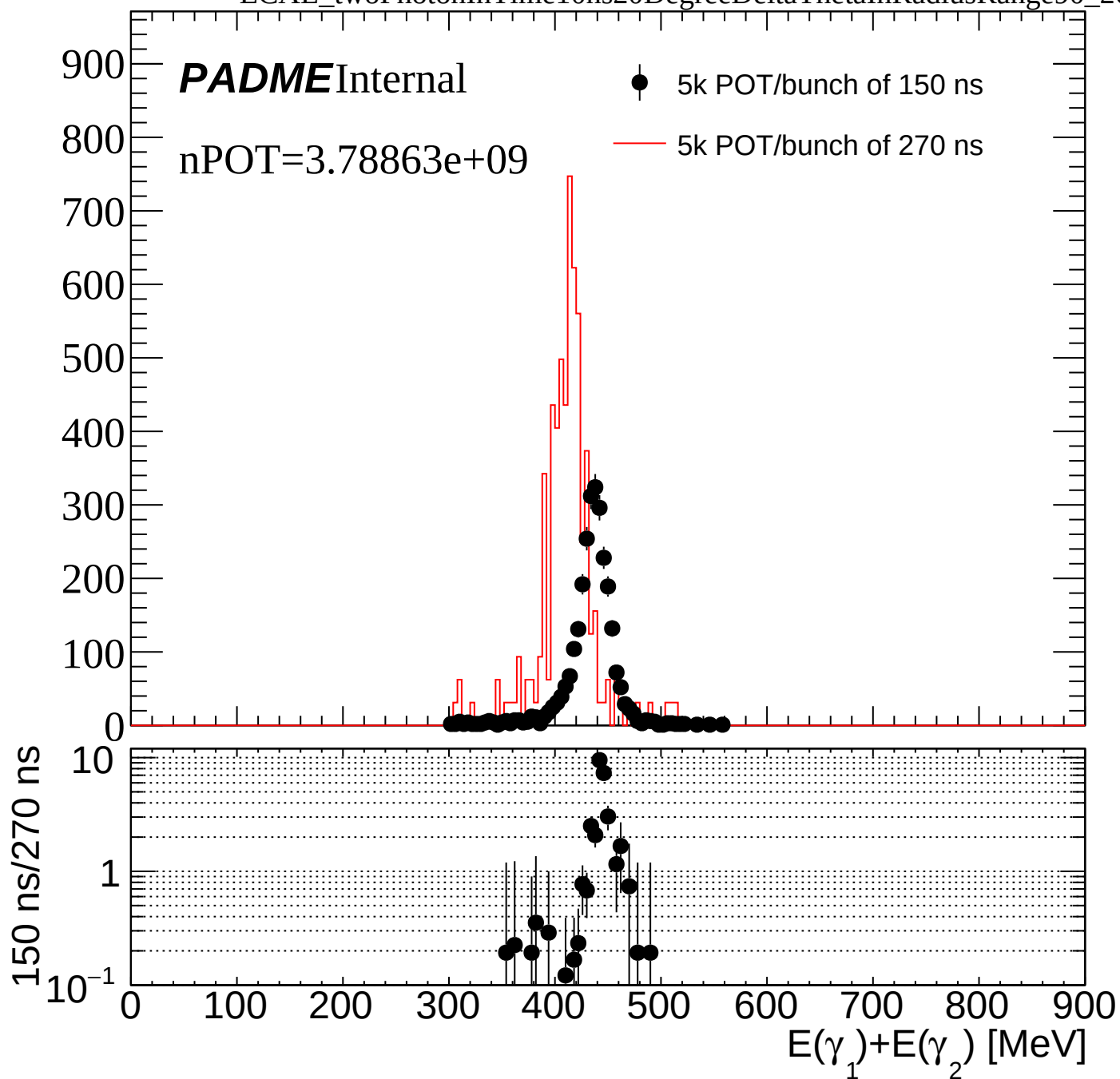


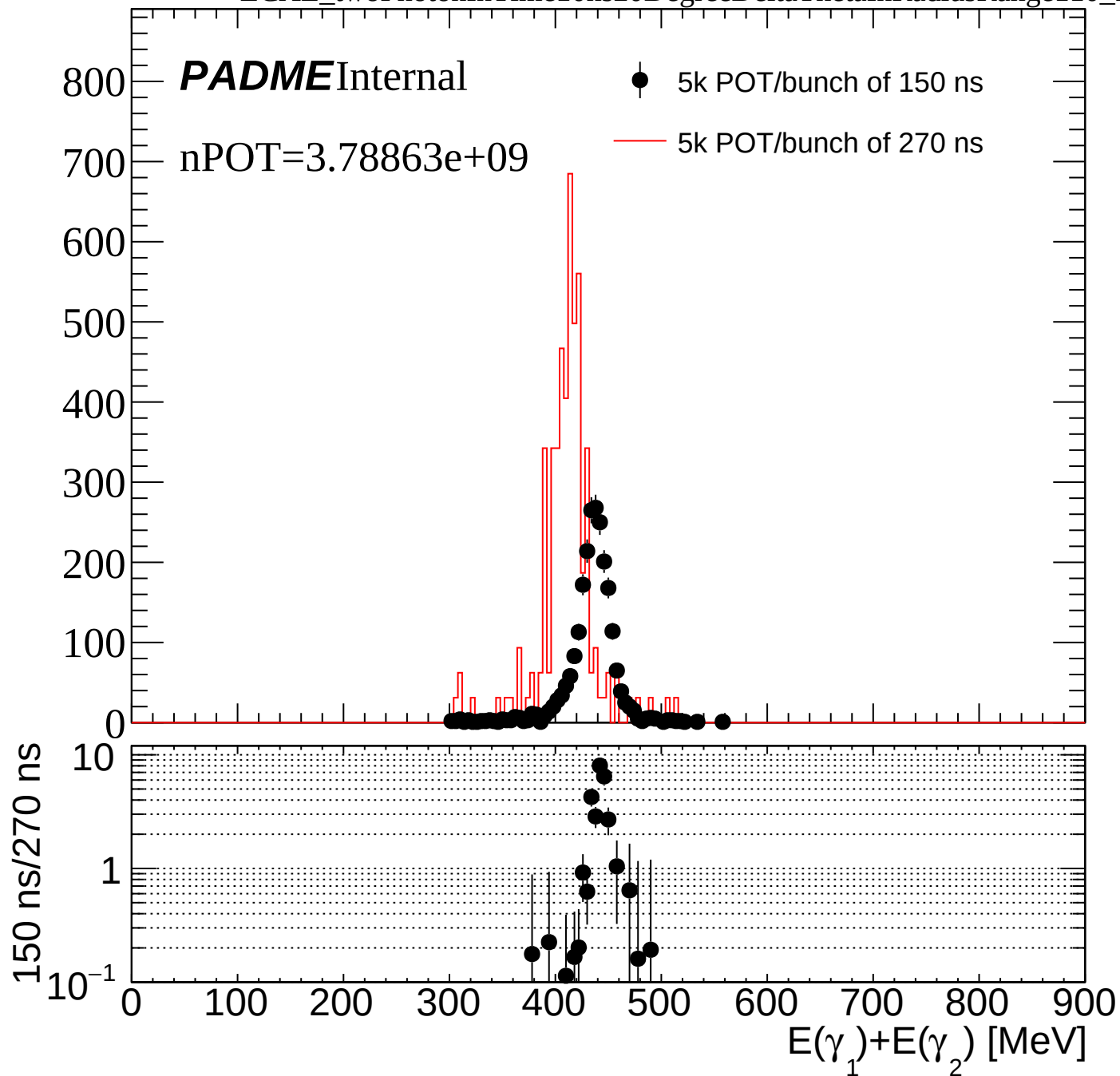


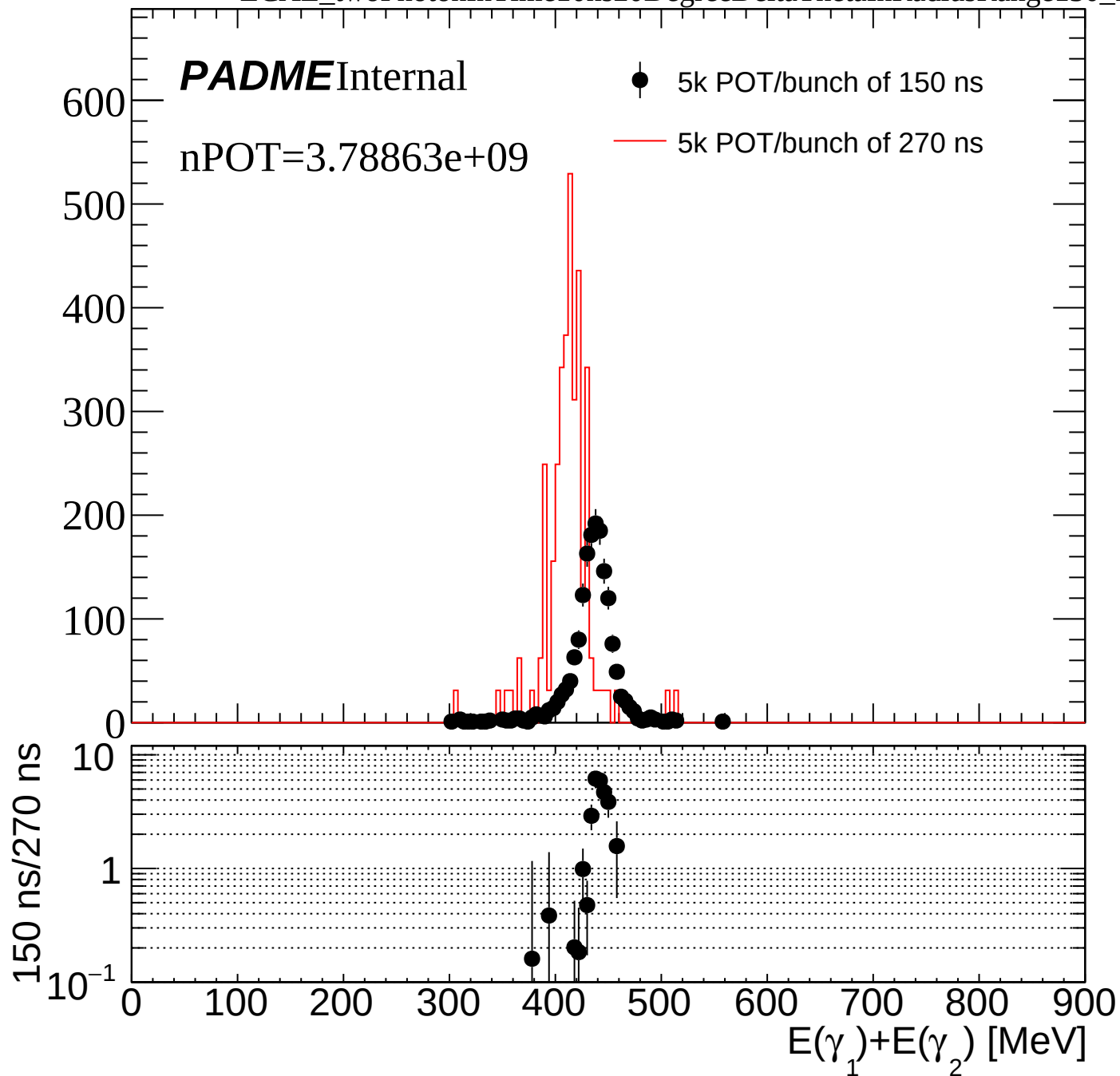


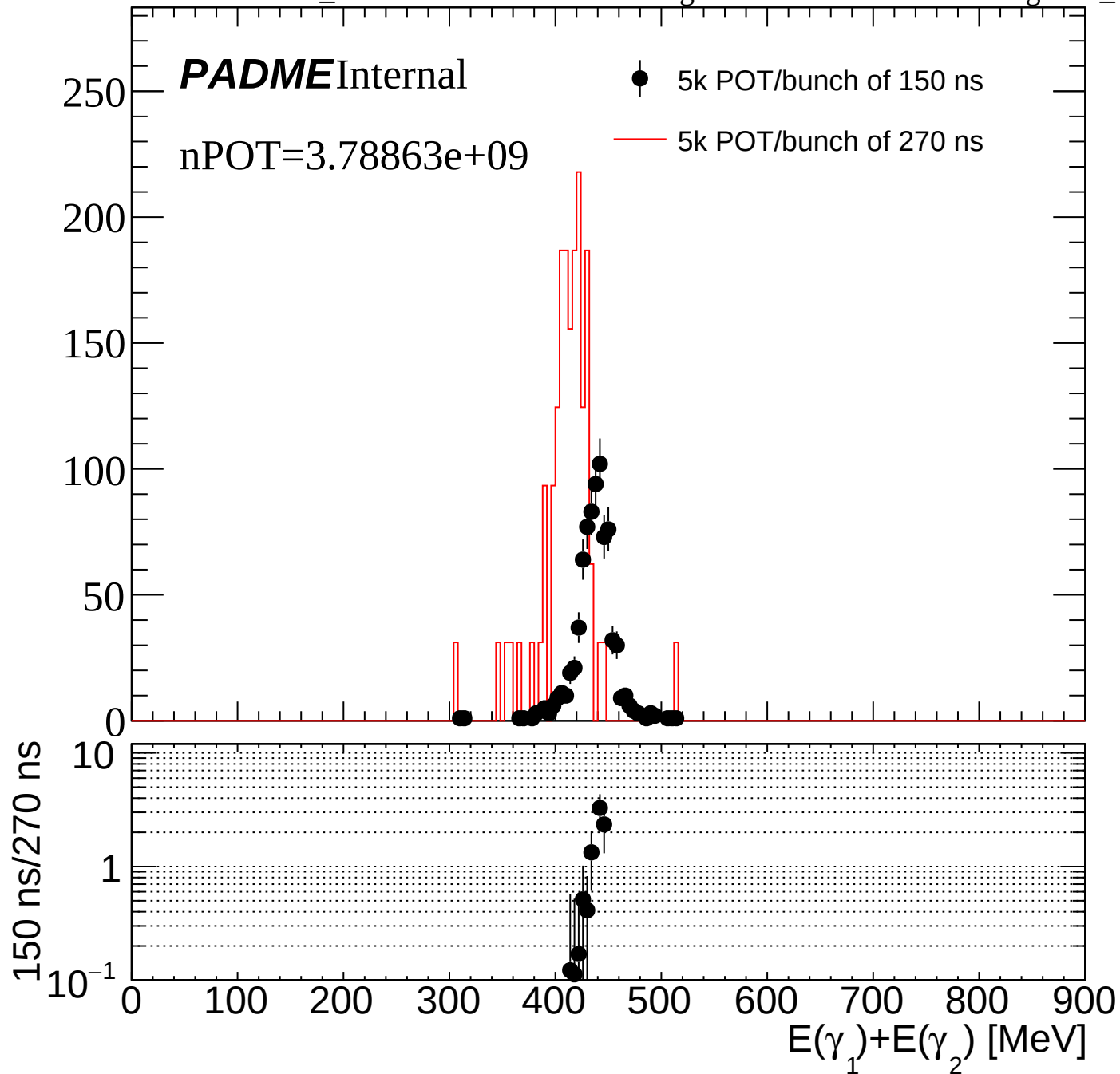


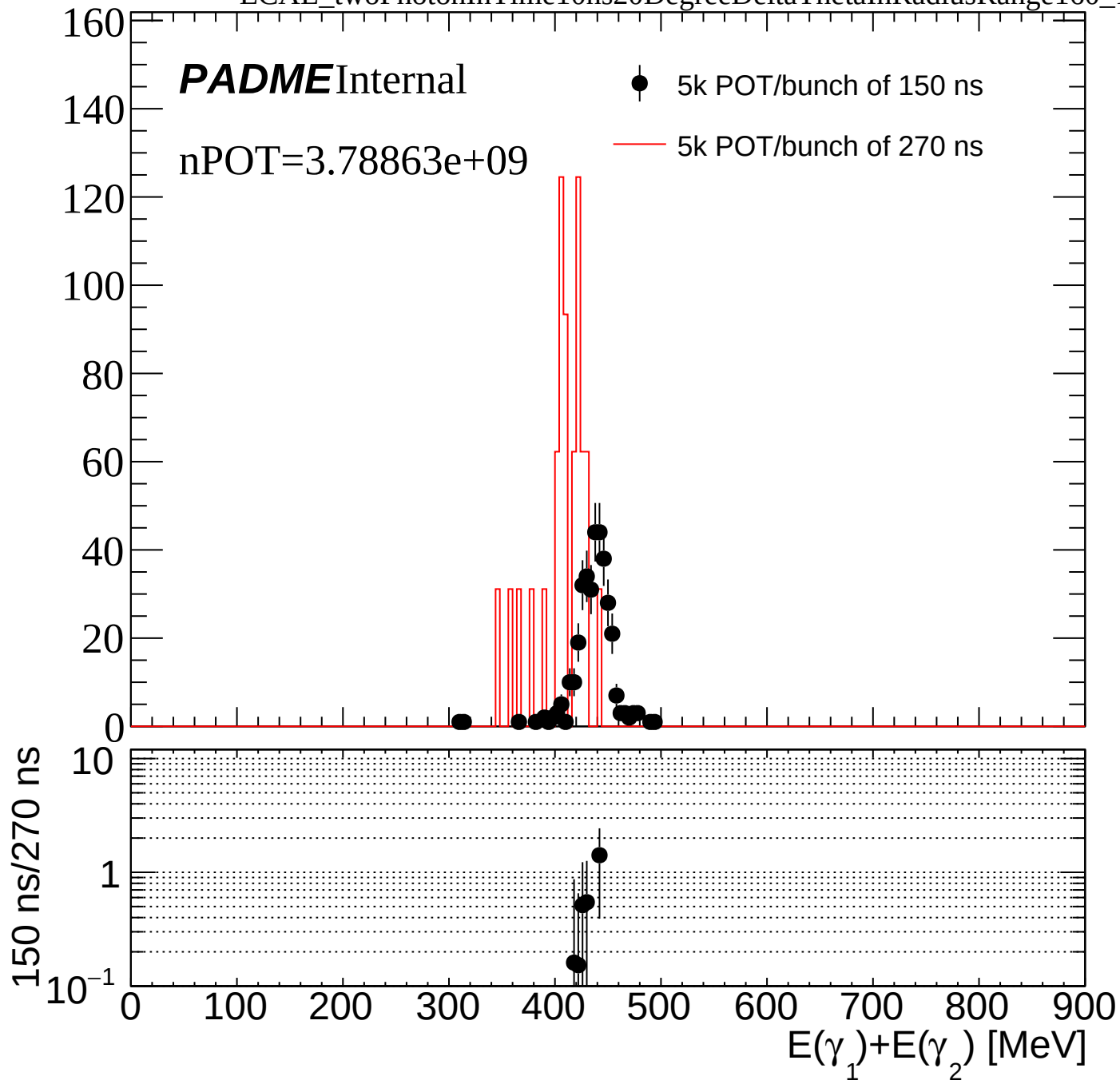


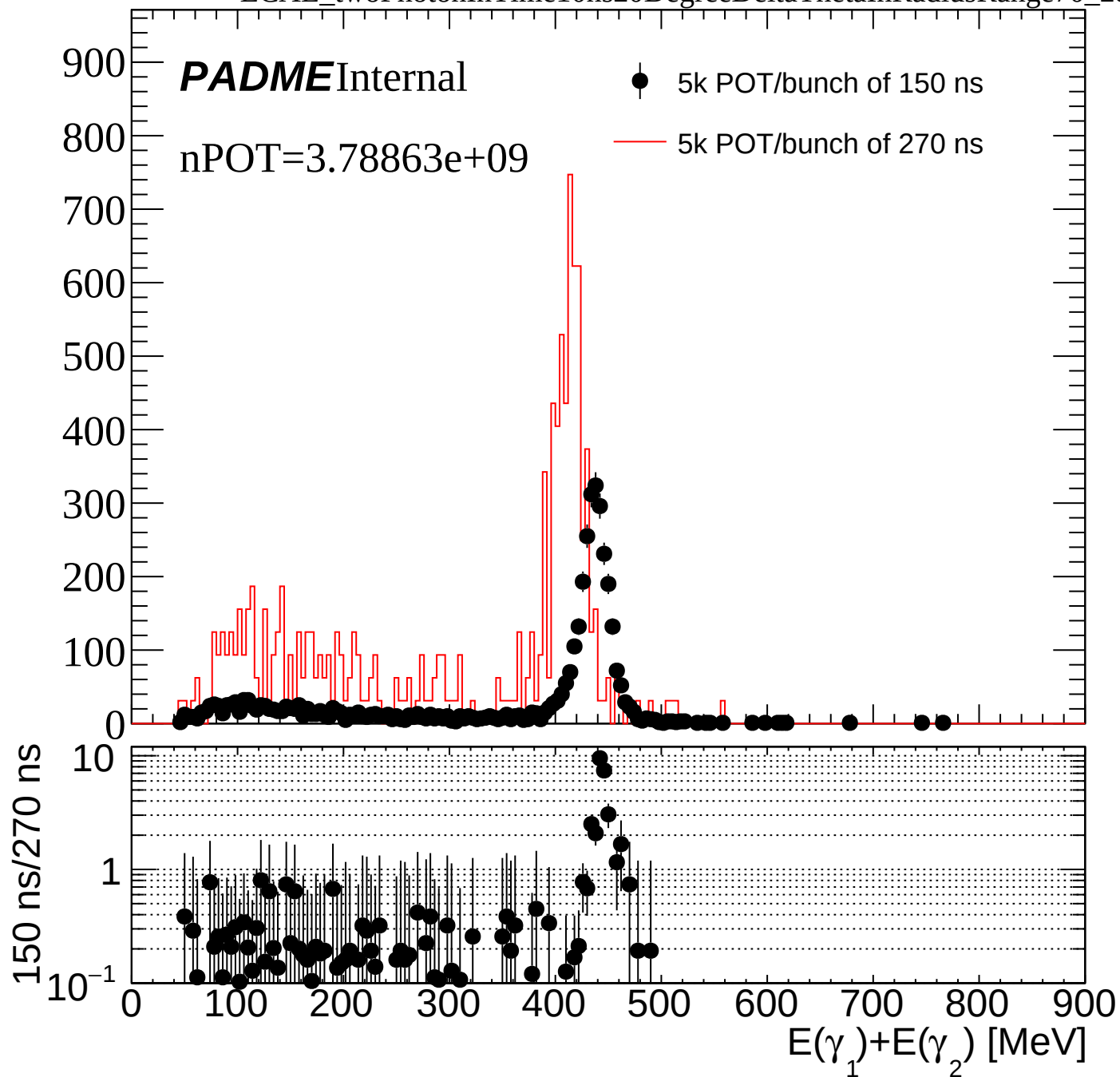


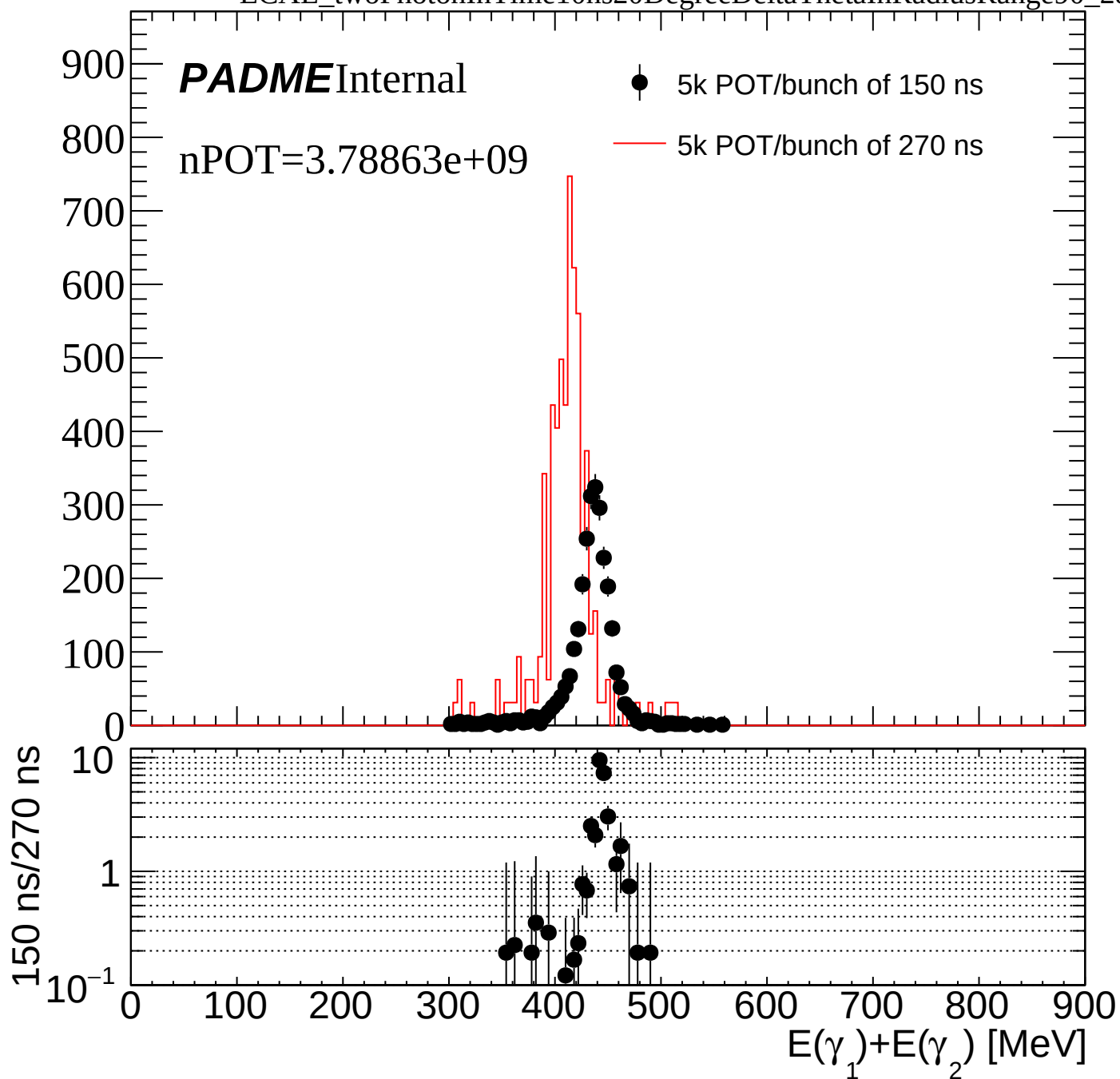


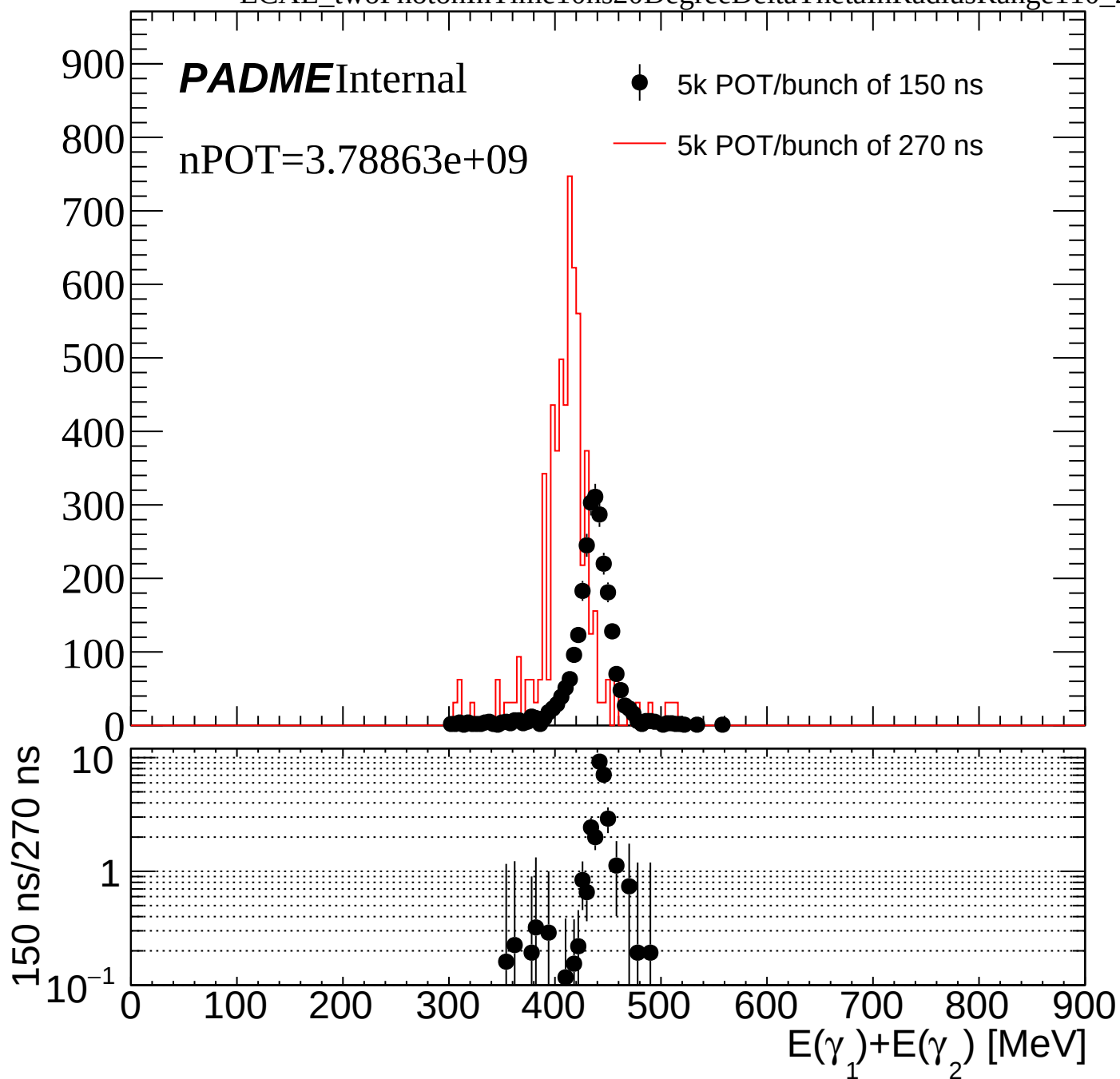


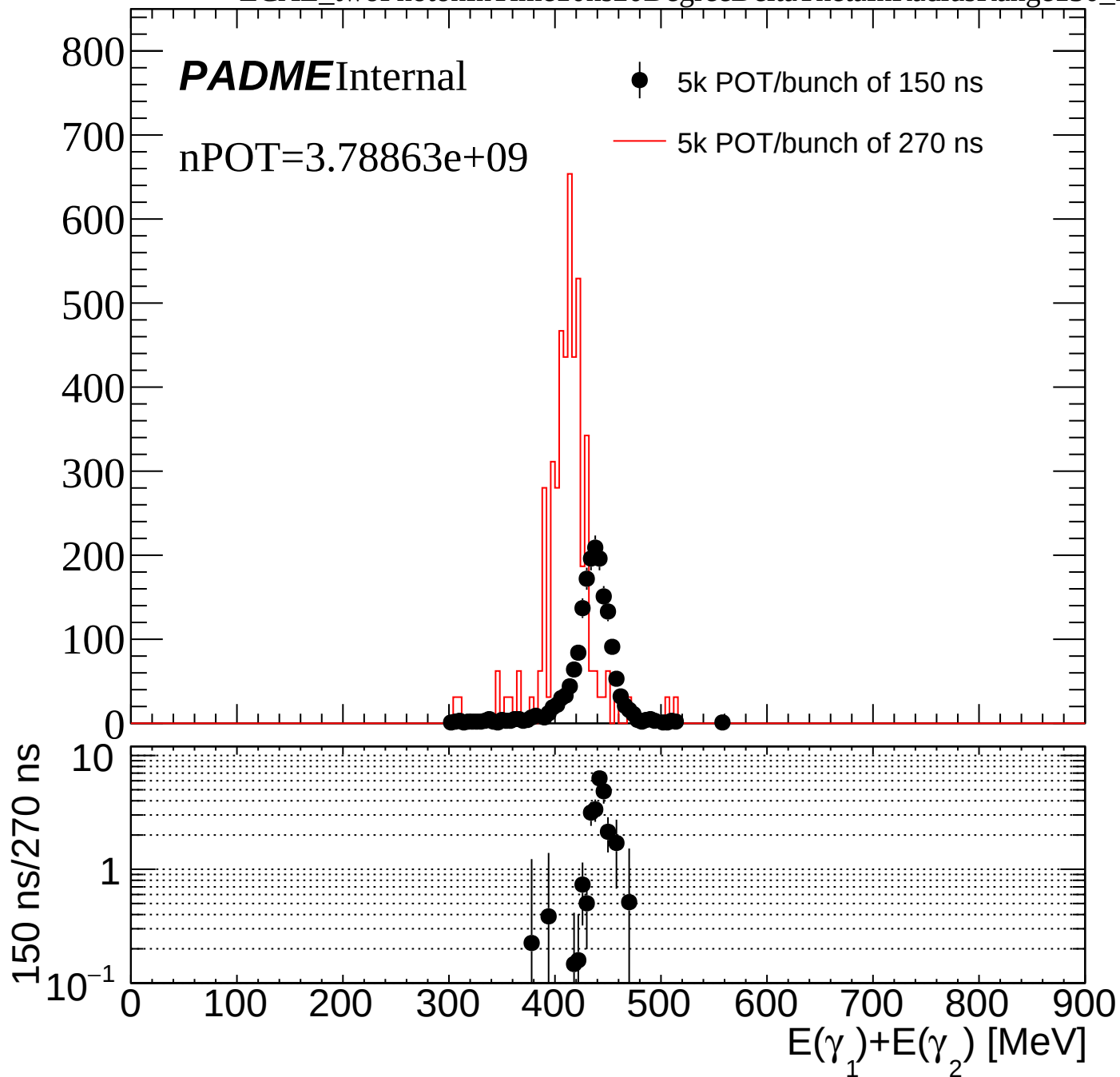


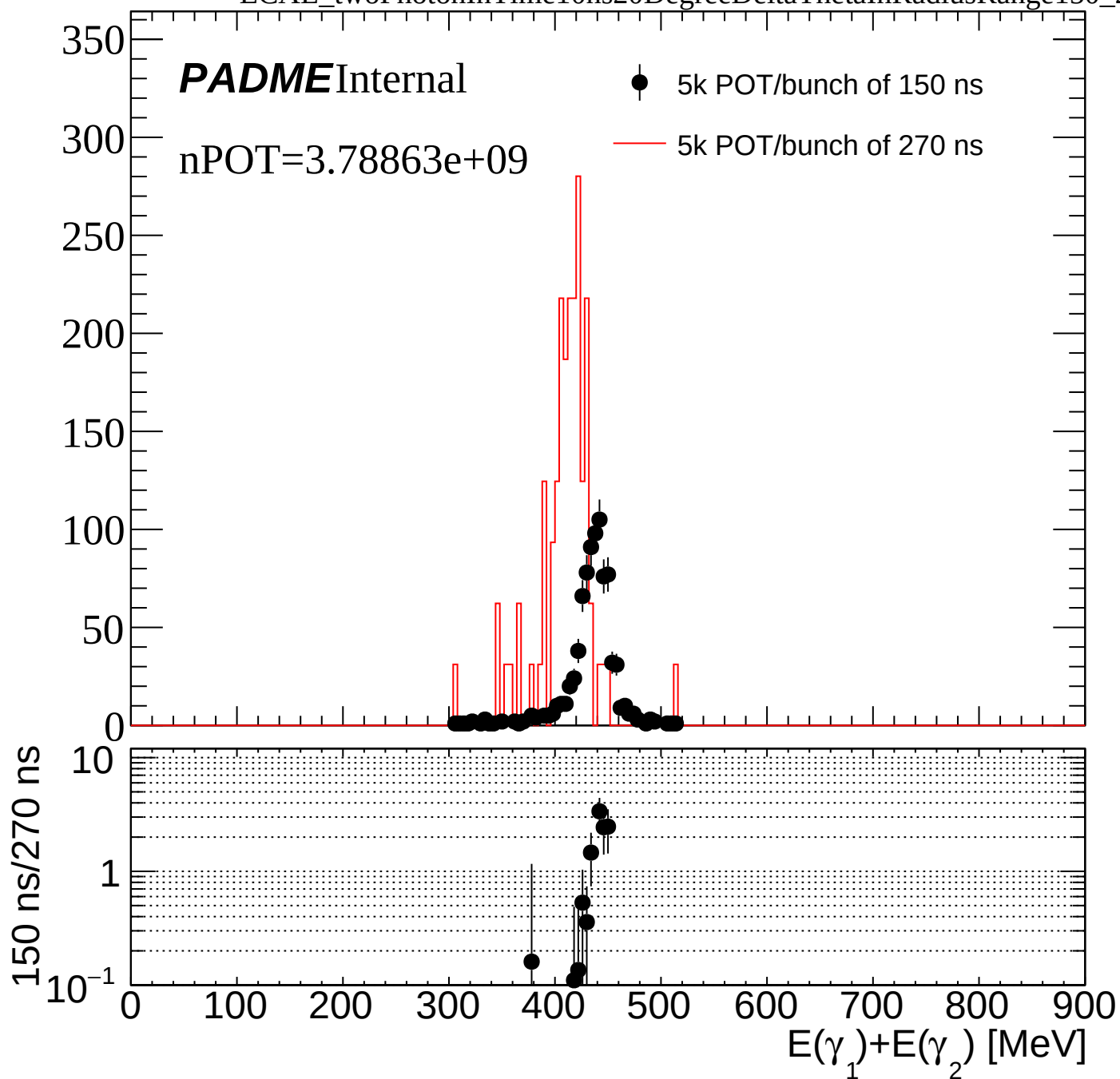


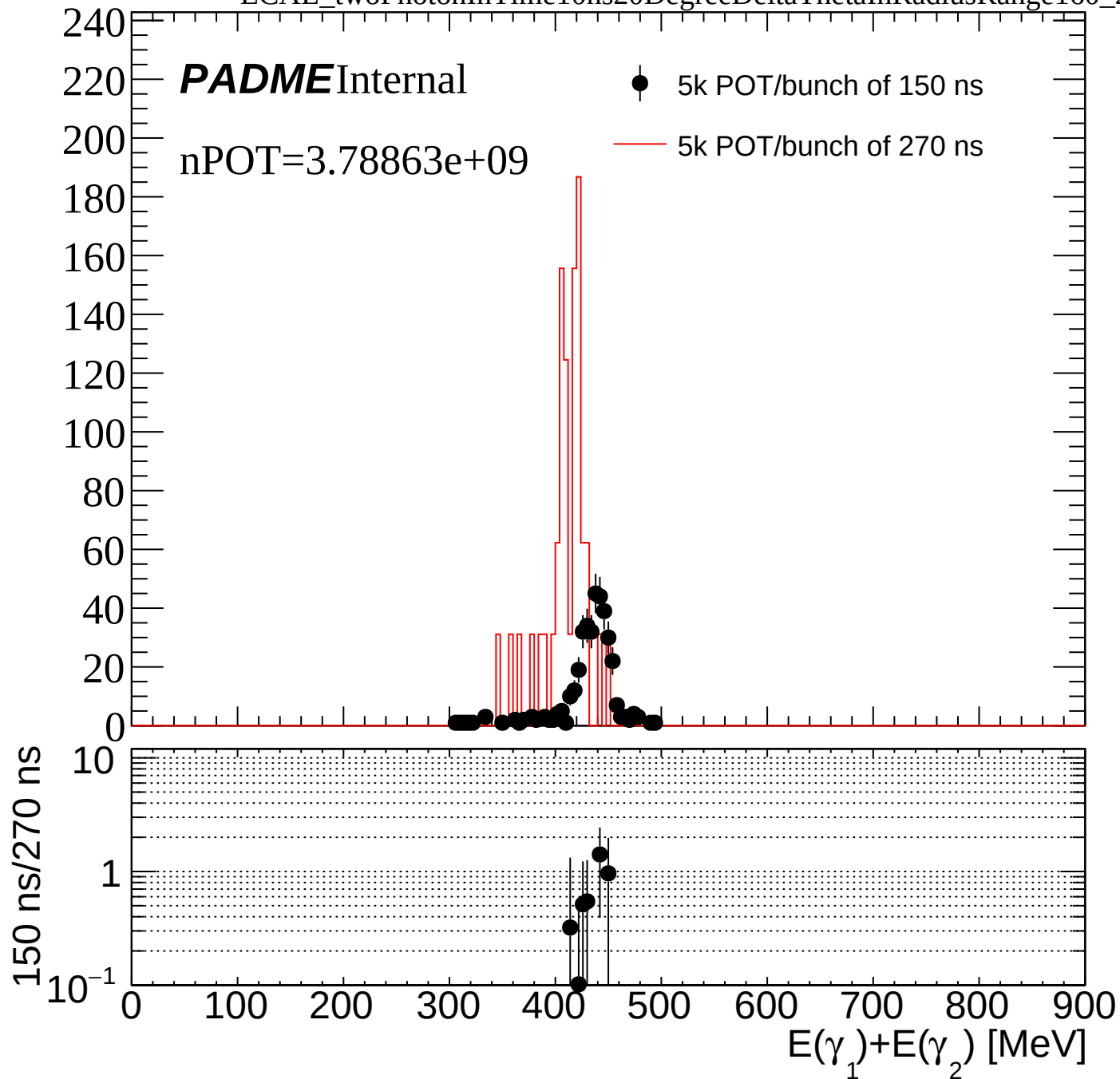


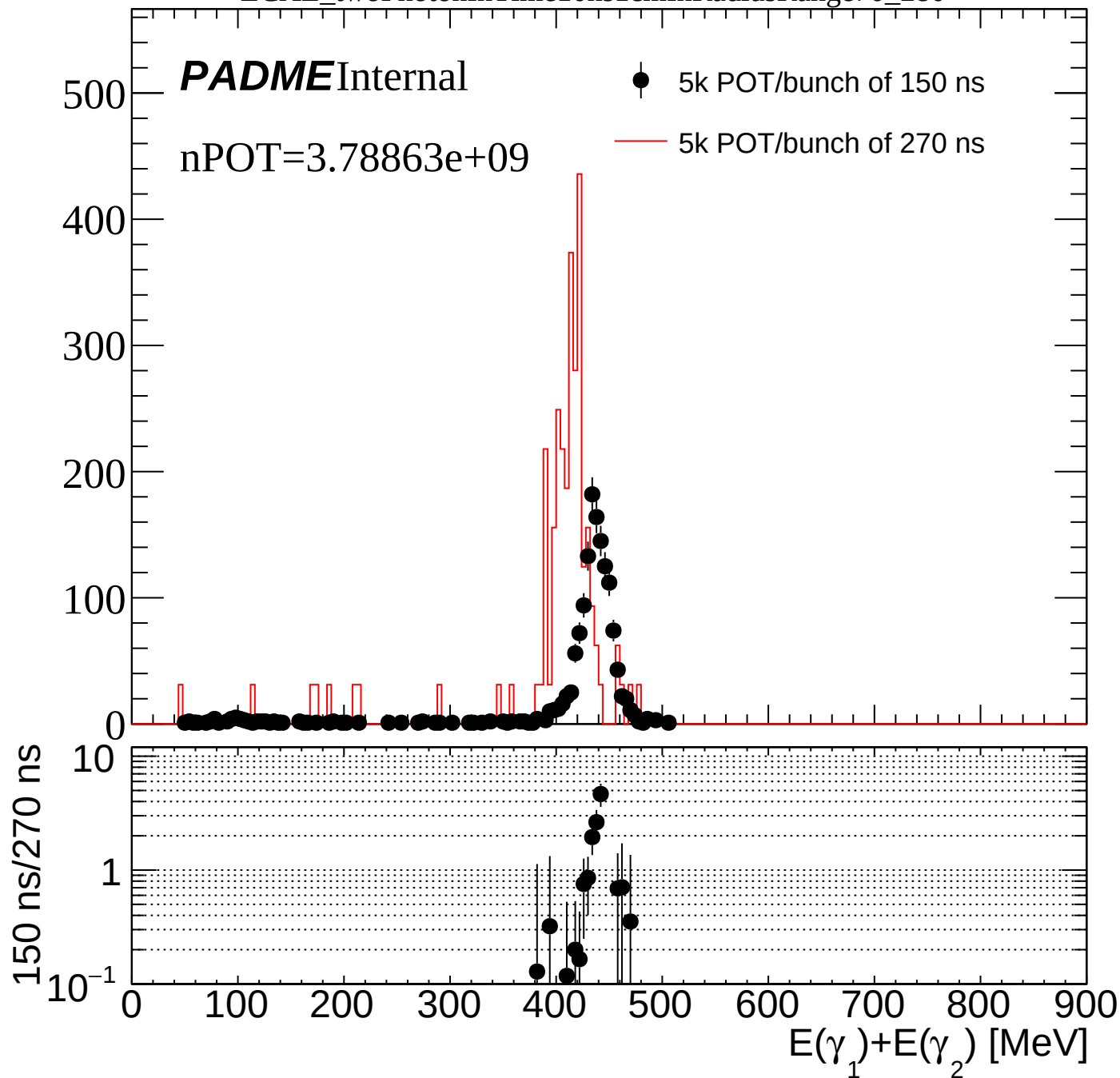


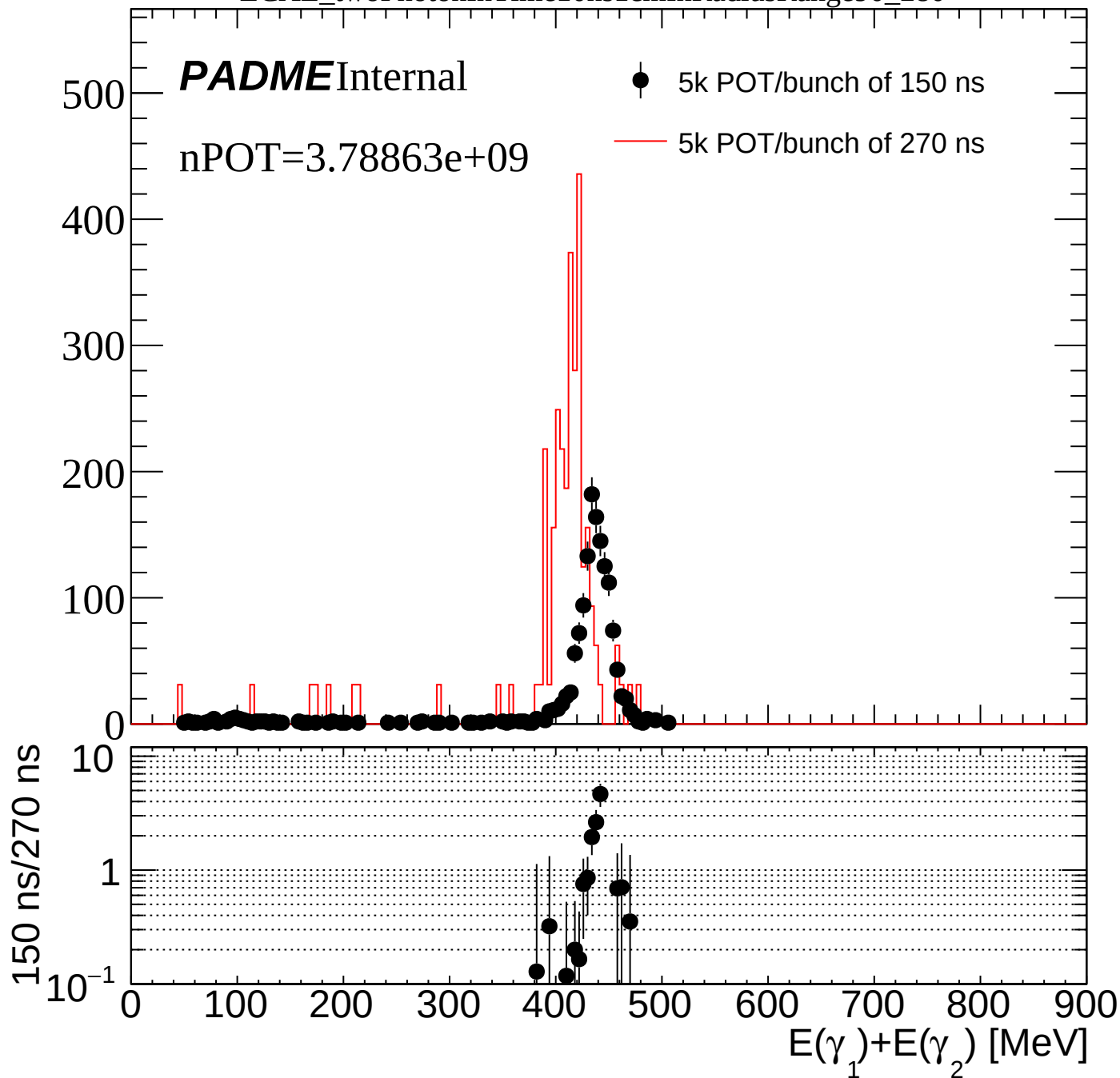


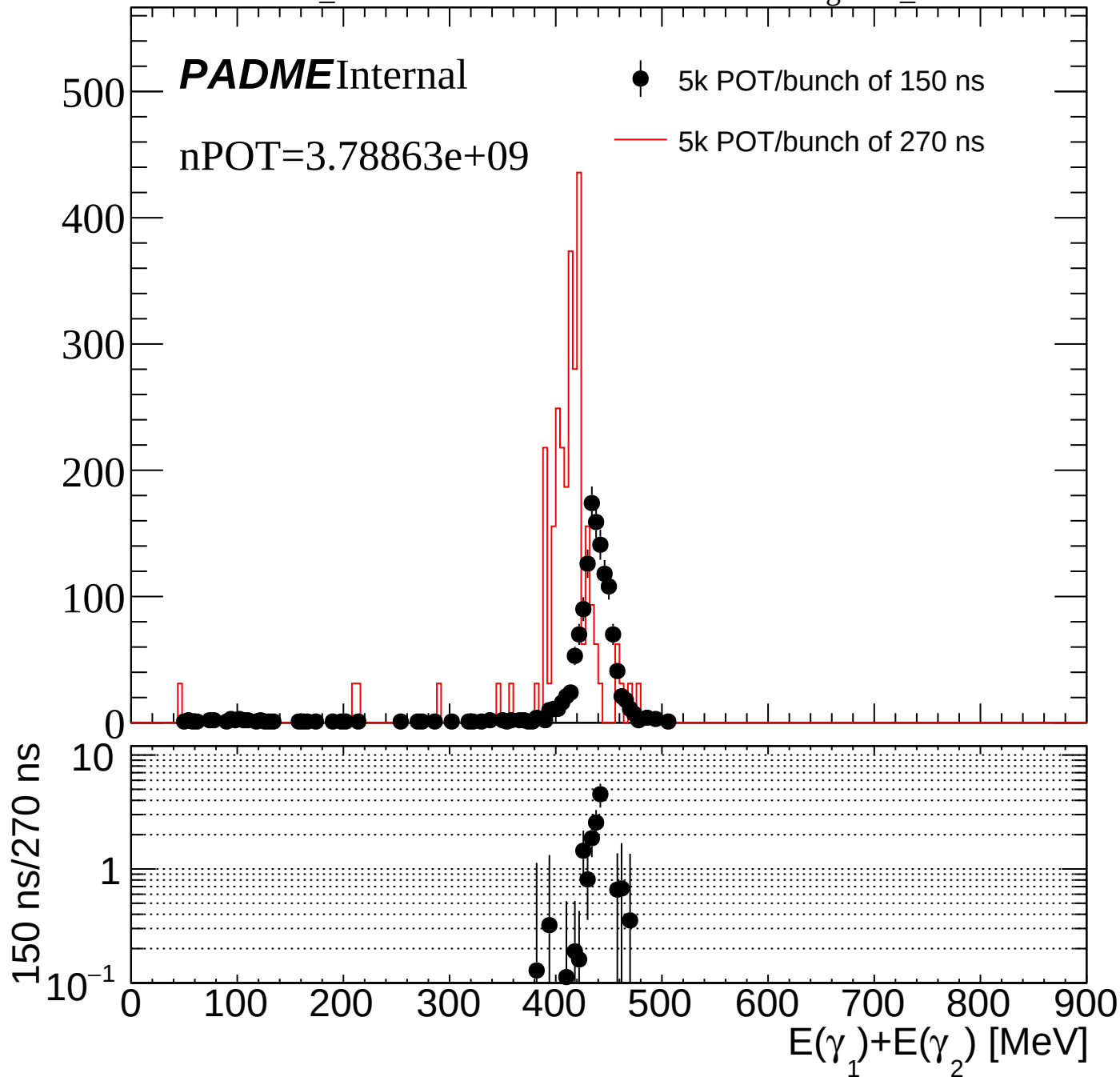


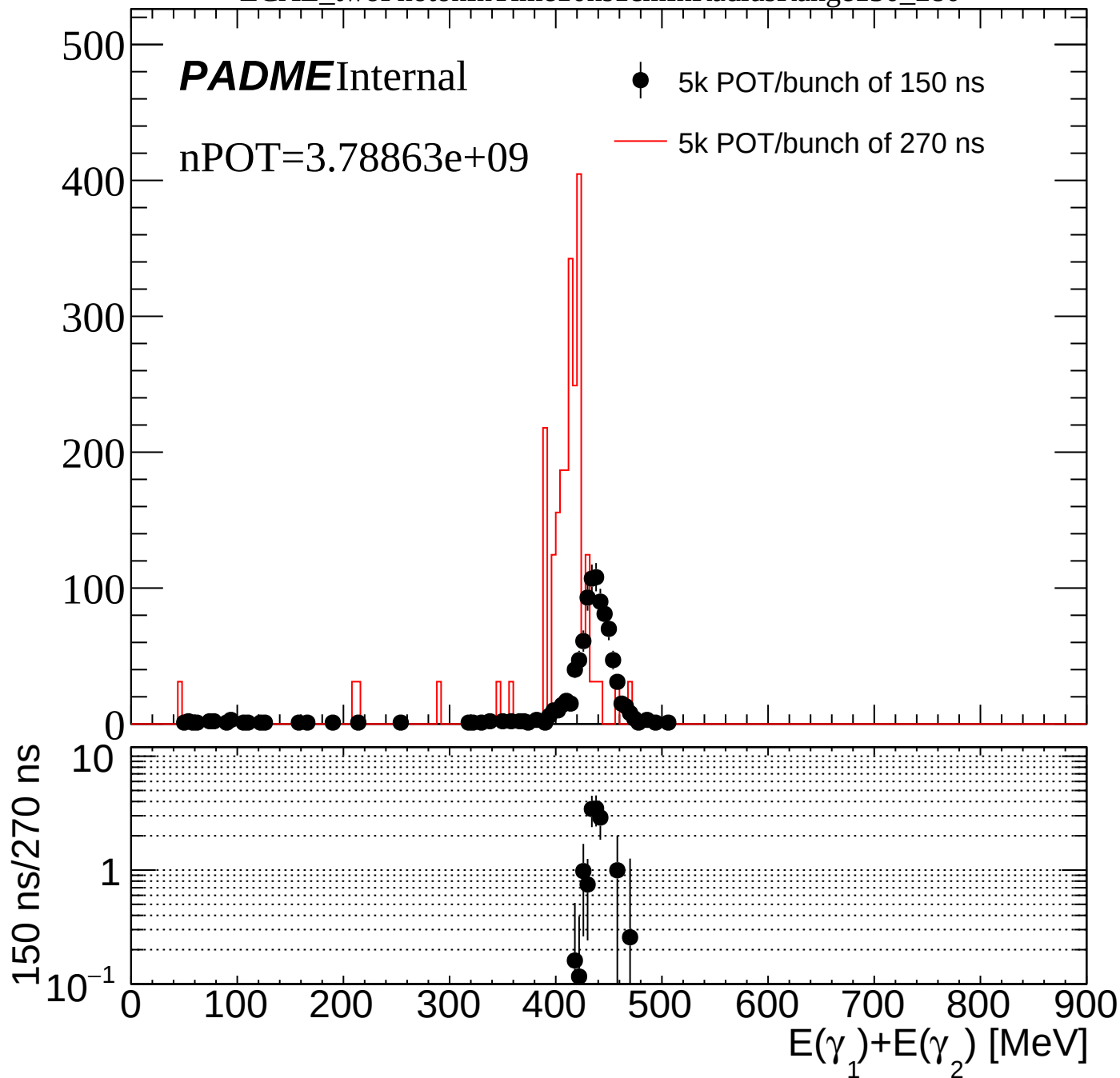










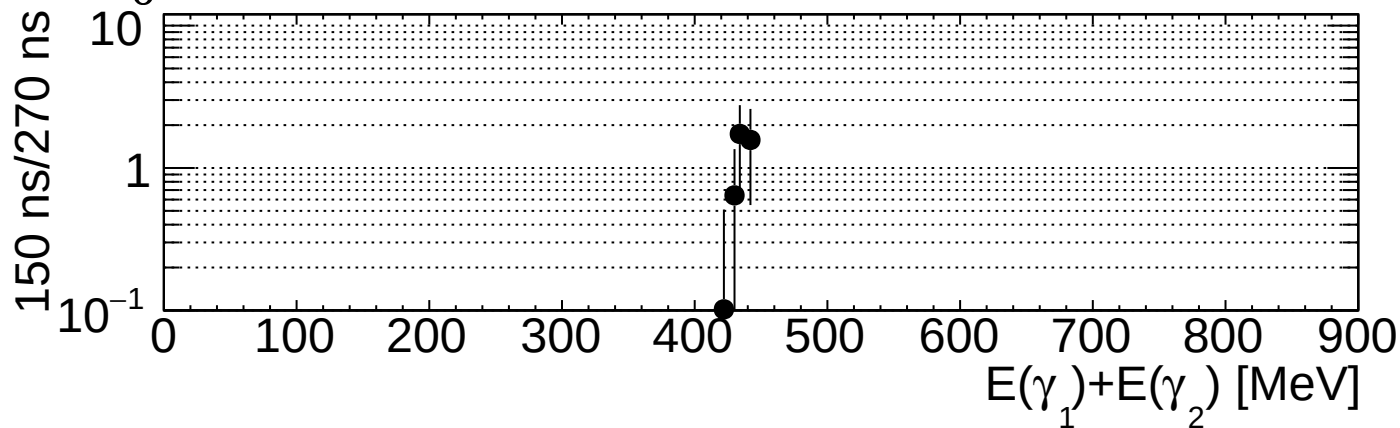


PADME Internal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns

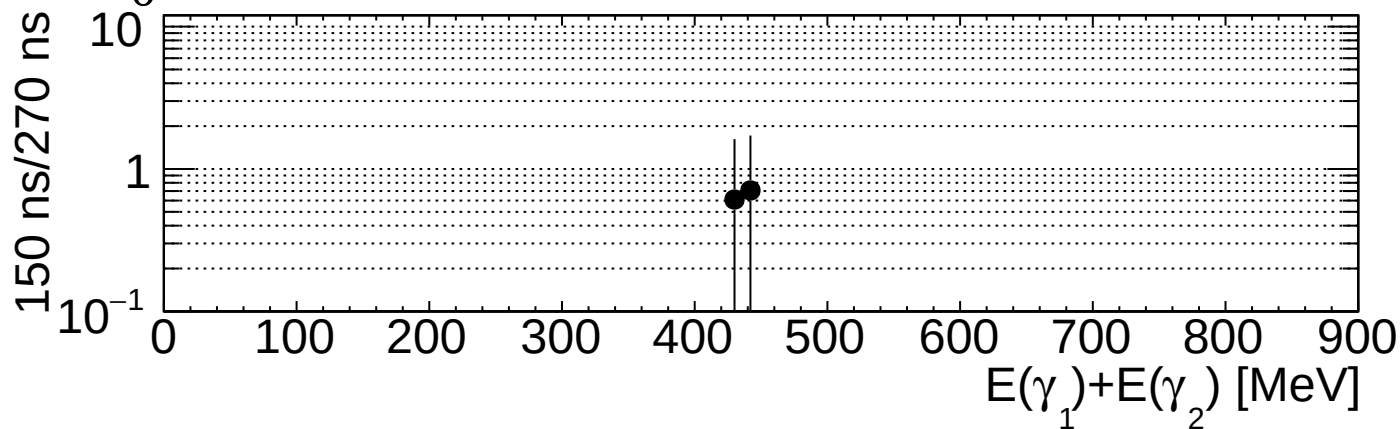


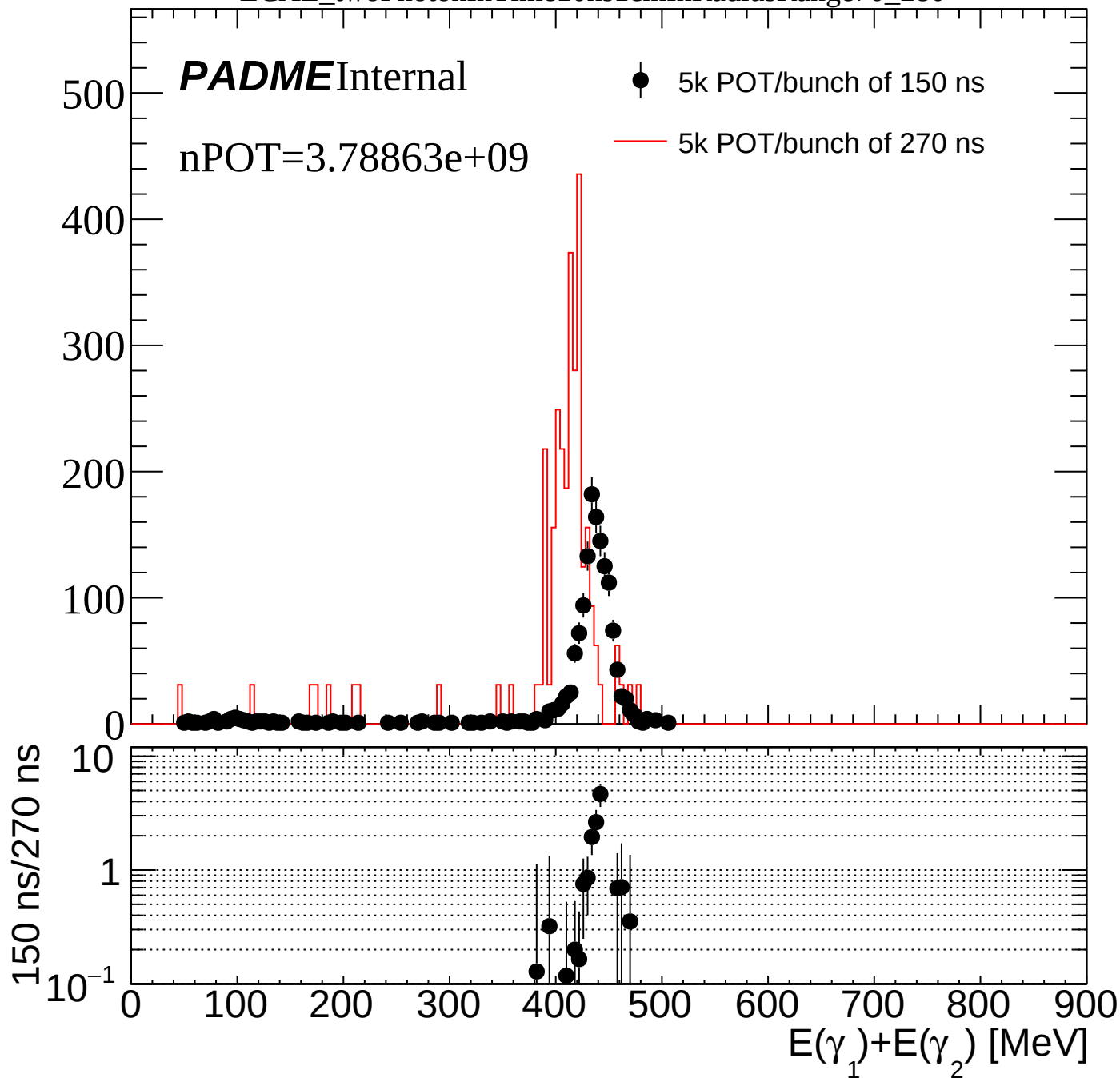
PADME Internal

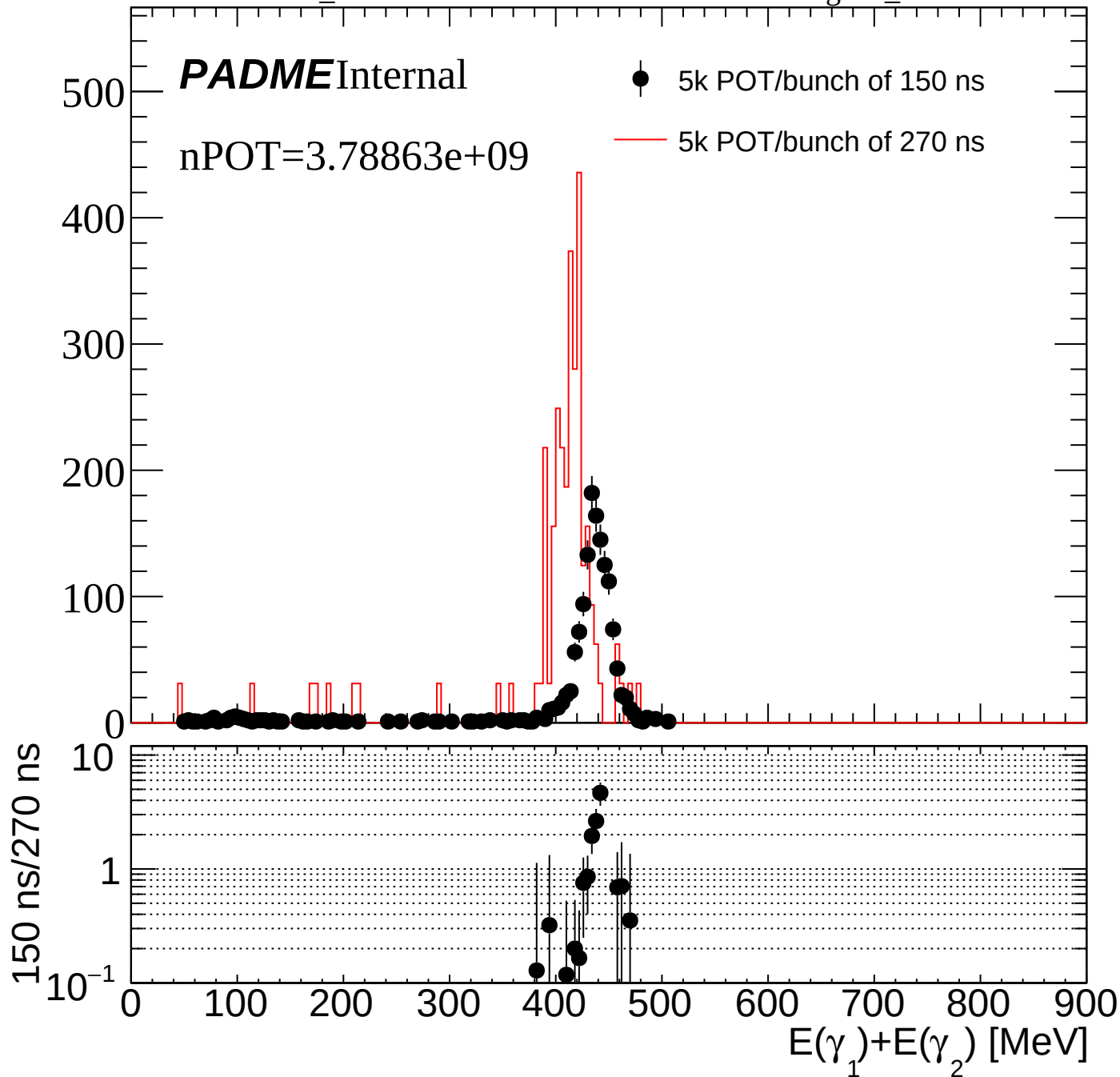
nPOT=3.78863e+09

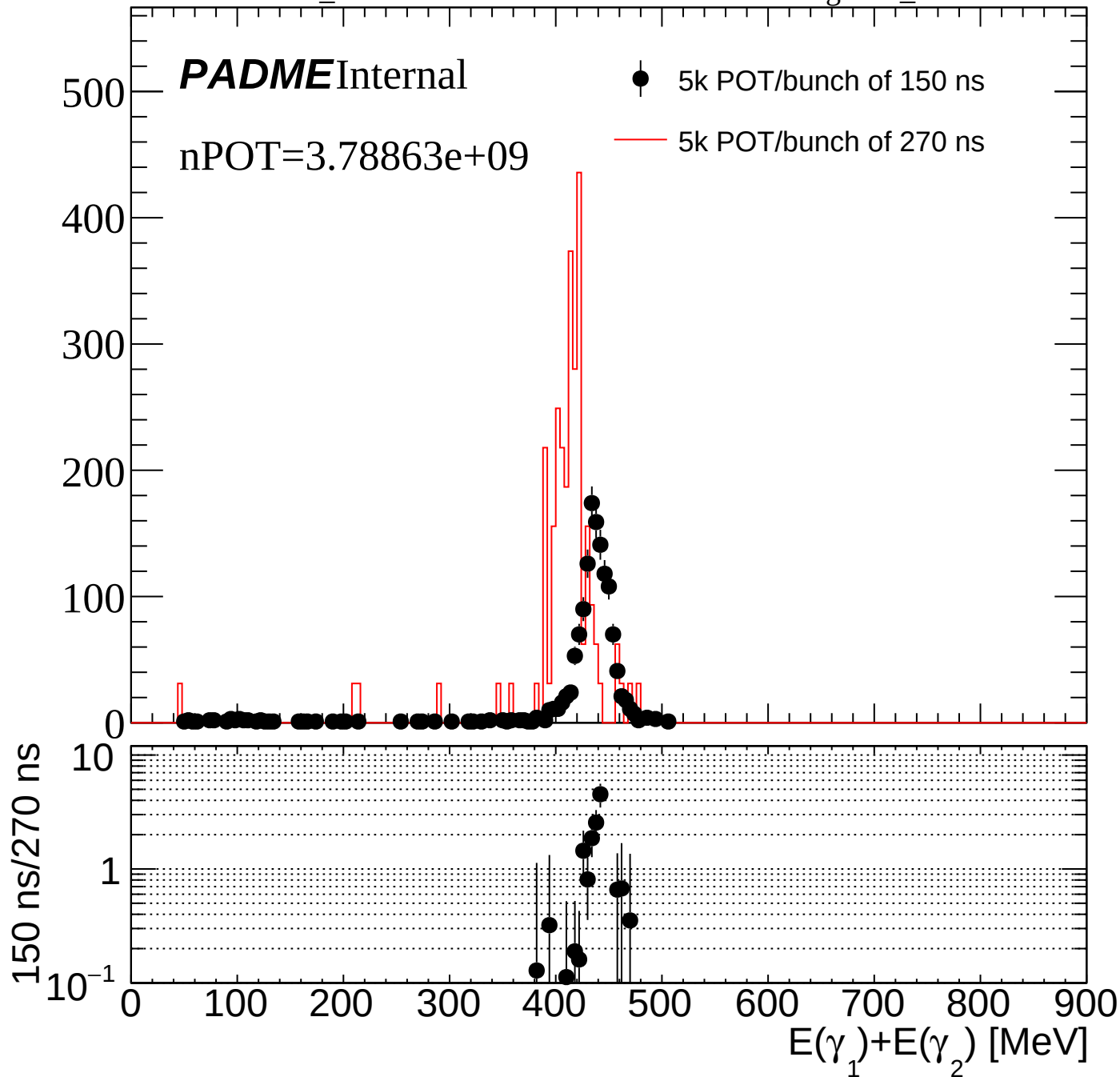
● 5k POT/bunch of 150 ns

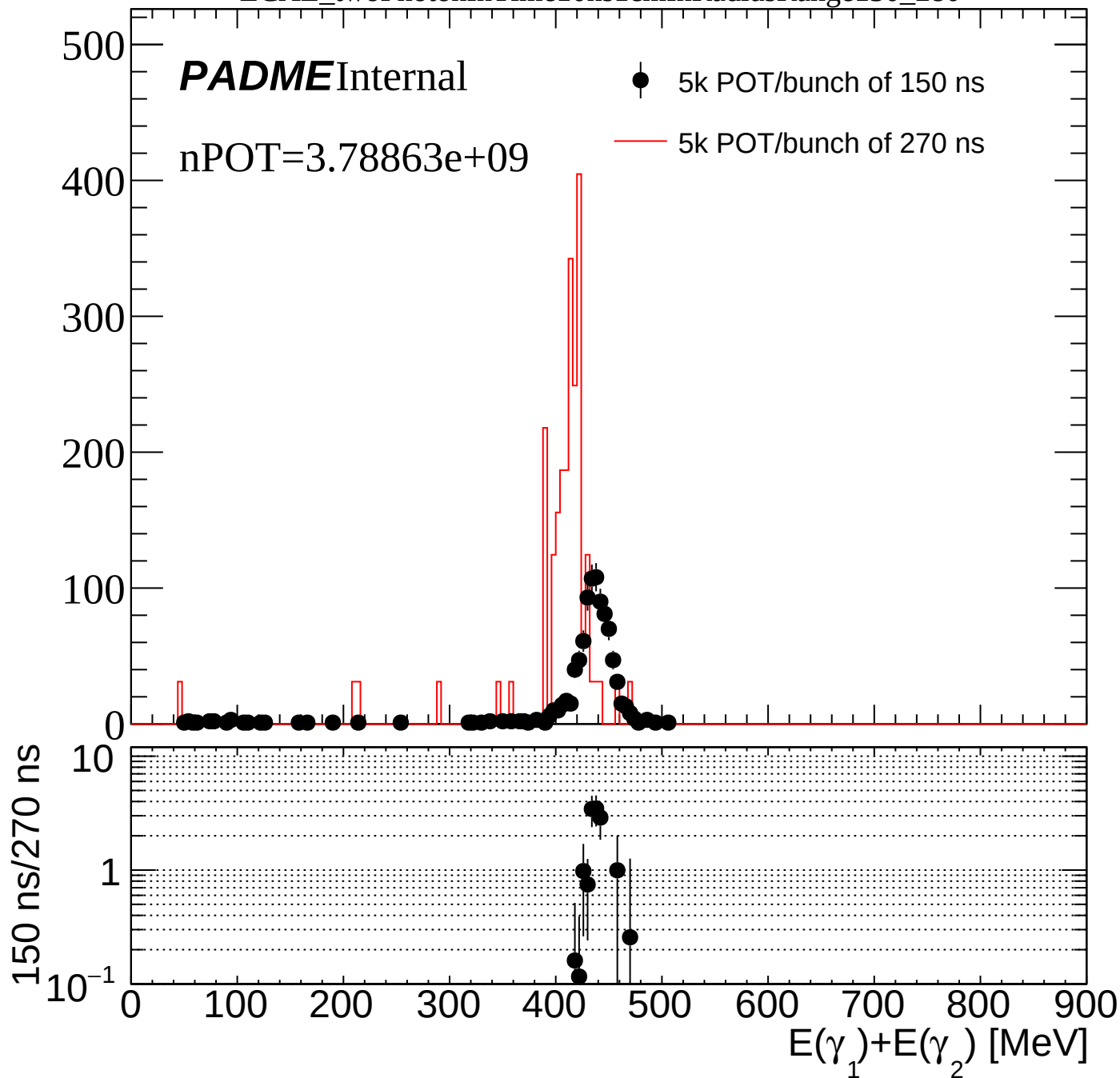
— 5k POT/bunch of 270 ns









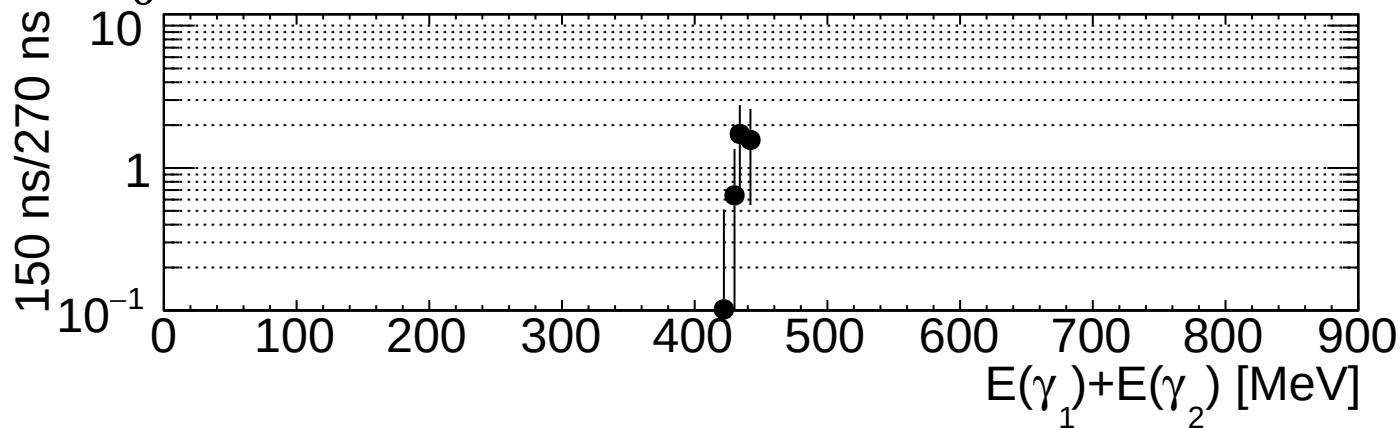


PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns

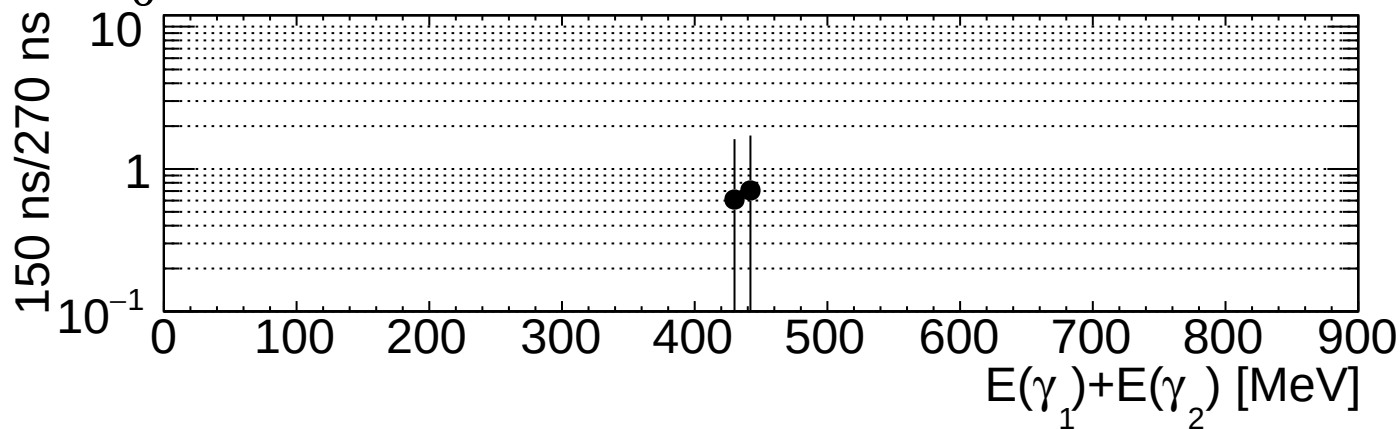


PADME Internal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



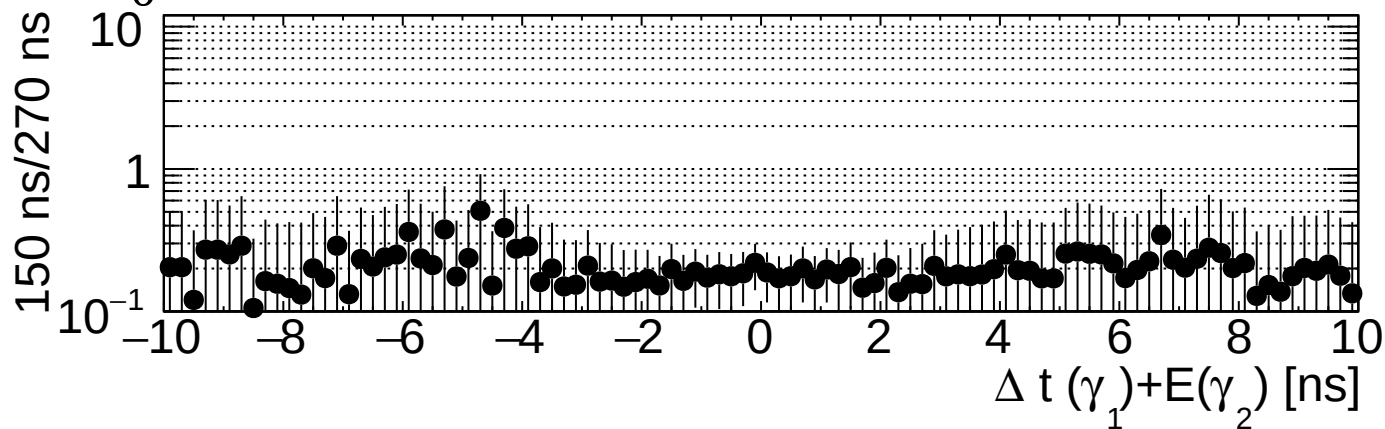
ECAL_dTime_10ns

PADMEInternal

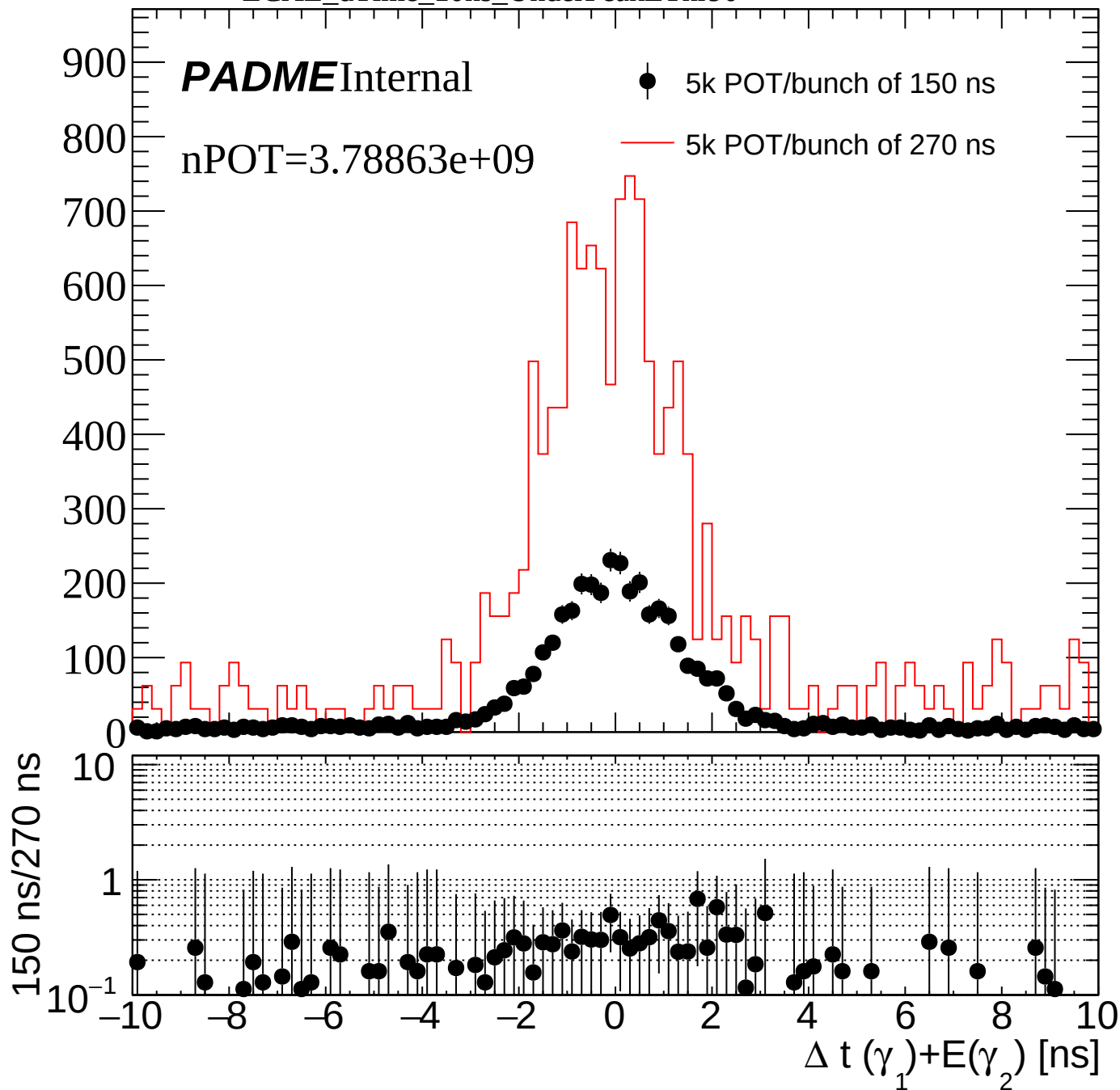
nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

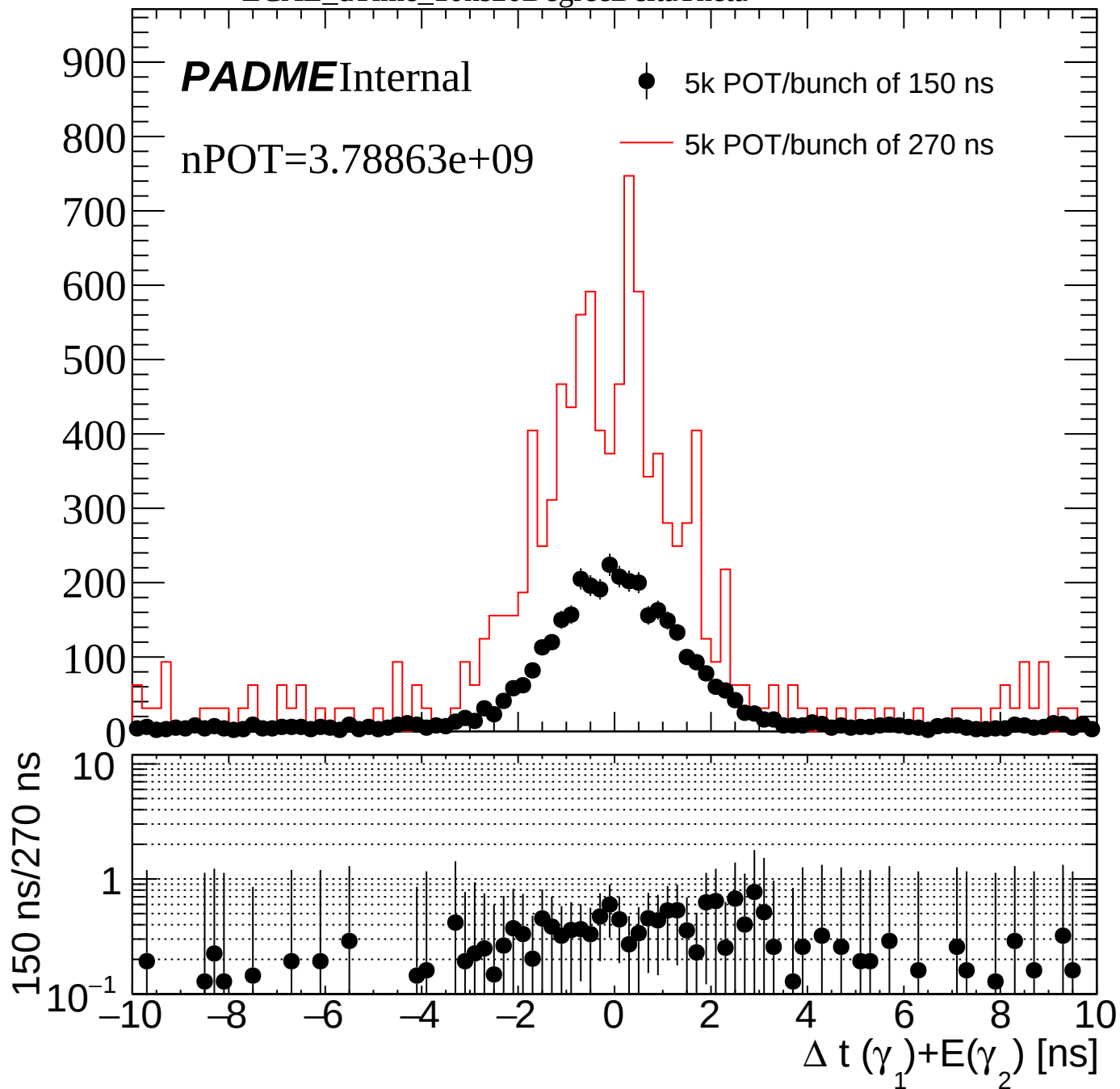
— 5k POT/bunch of 270 ns



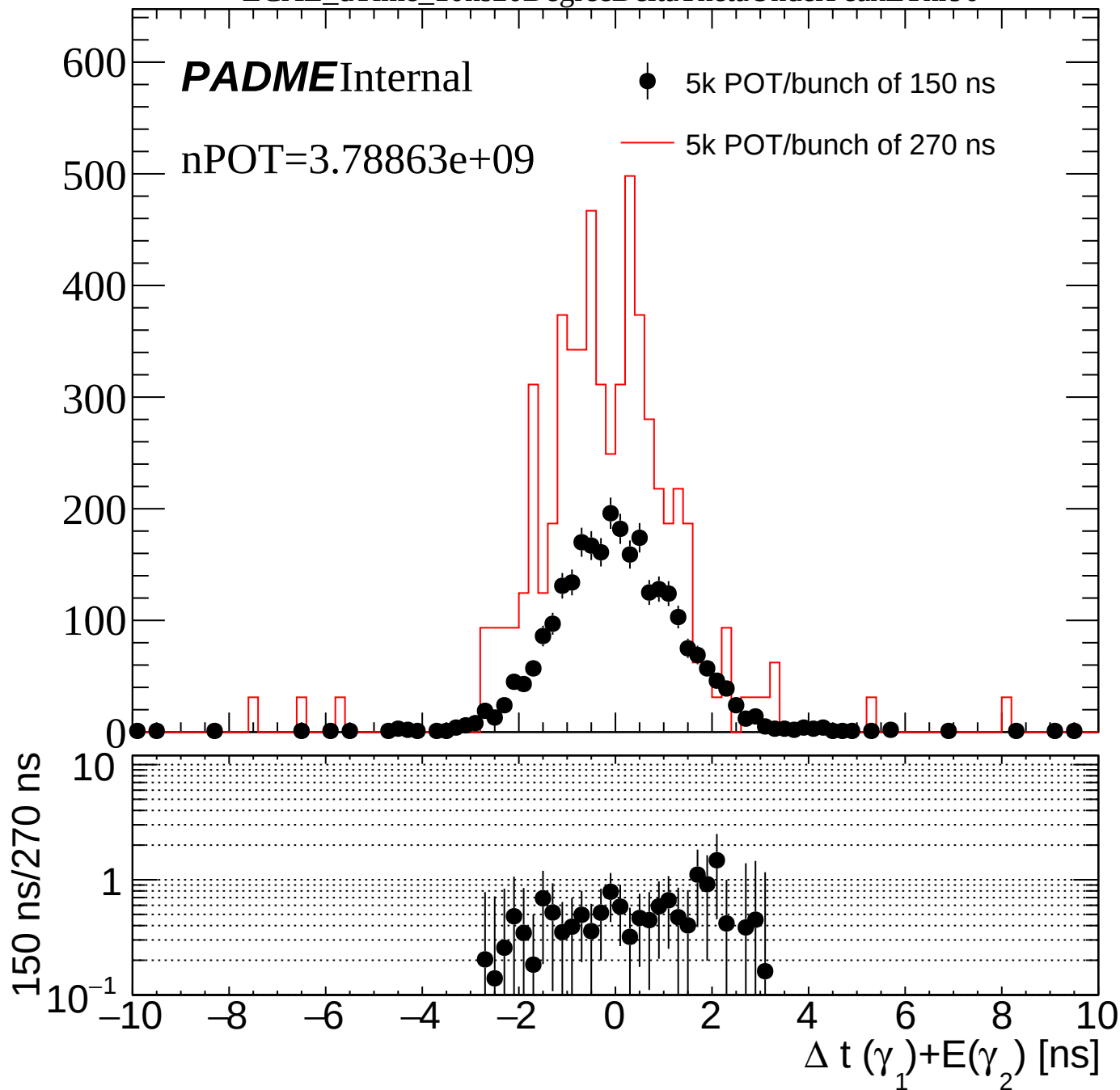
ECAL_dTime_10ns_UnderPeakEThr90



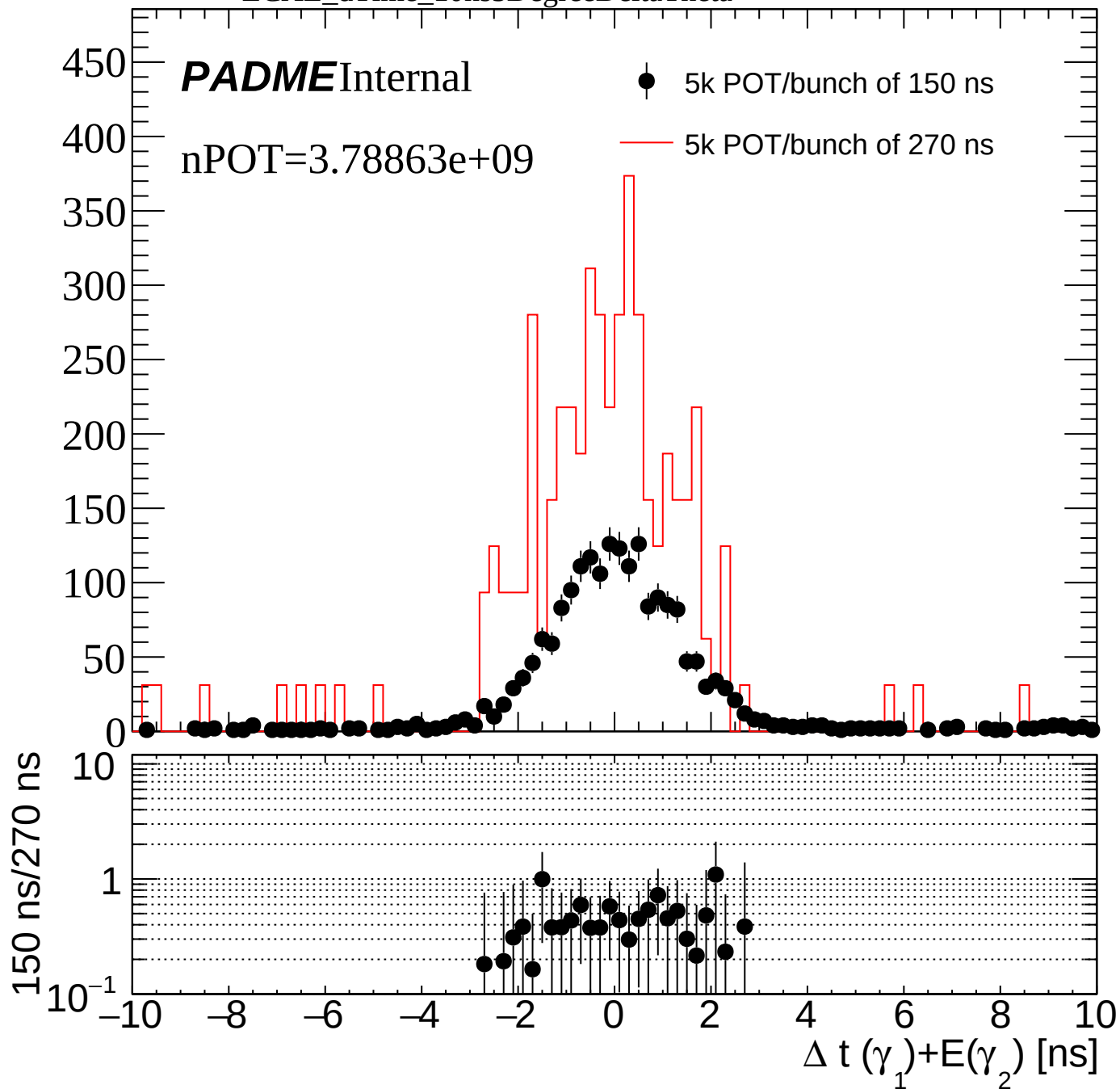
ECAL_dTime_10ns20DegreeDeltaTheta



ECAL_dTime_10ns20DegreeDeltaThetaUnderPeakEThr90



ECAL_dTime_10ns5DegreeDeltaTheta



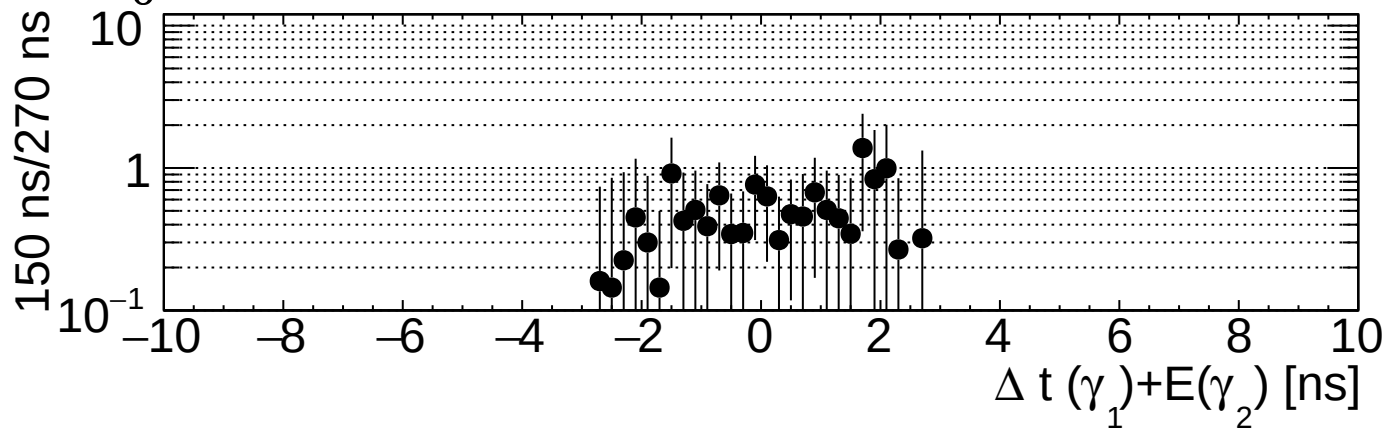
ECAL_dTime_10ns5DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



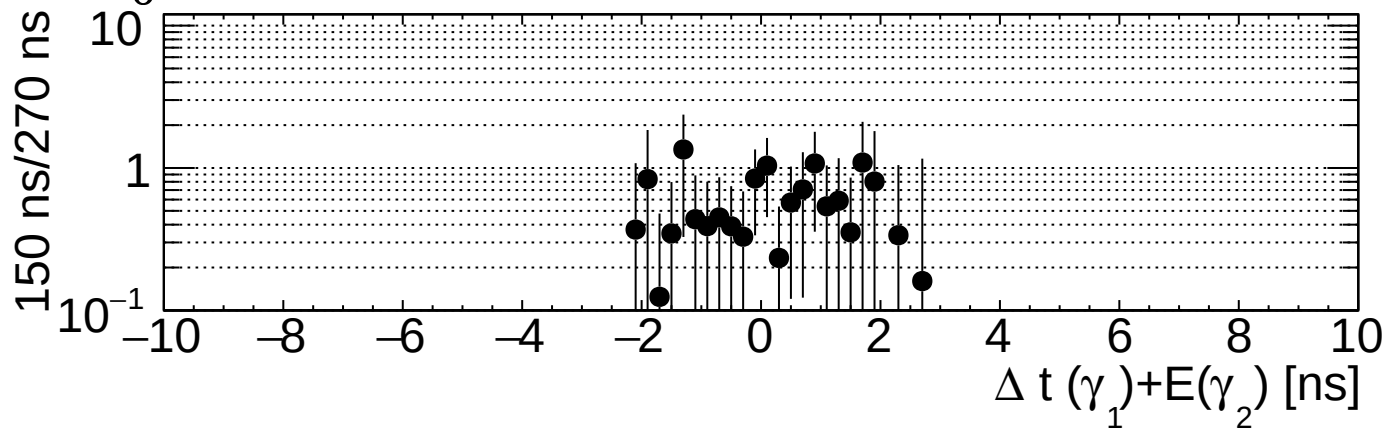
ECAL_dTime_10ns1CoG

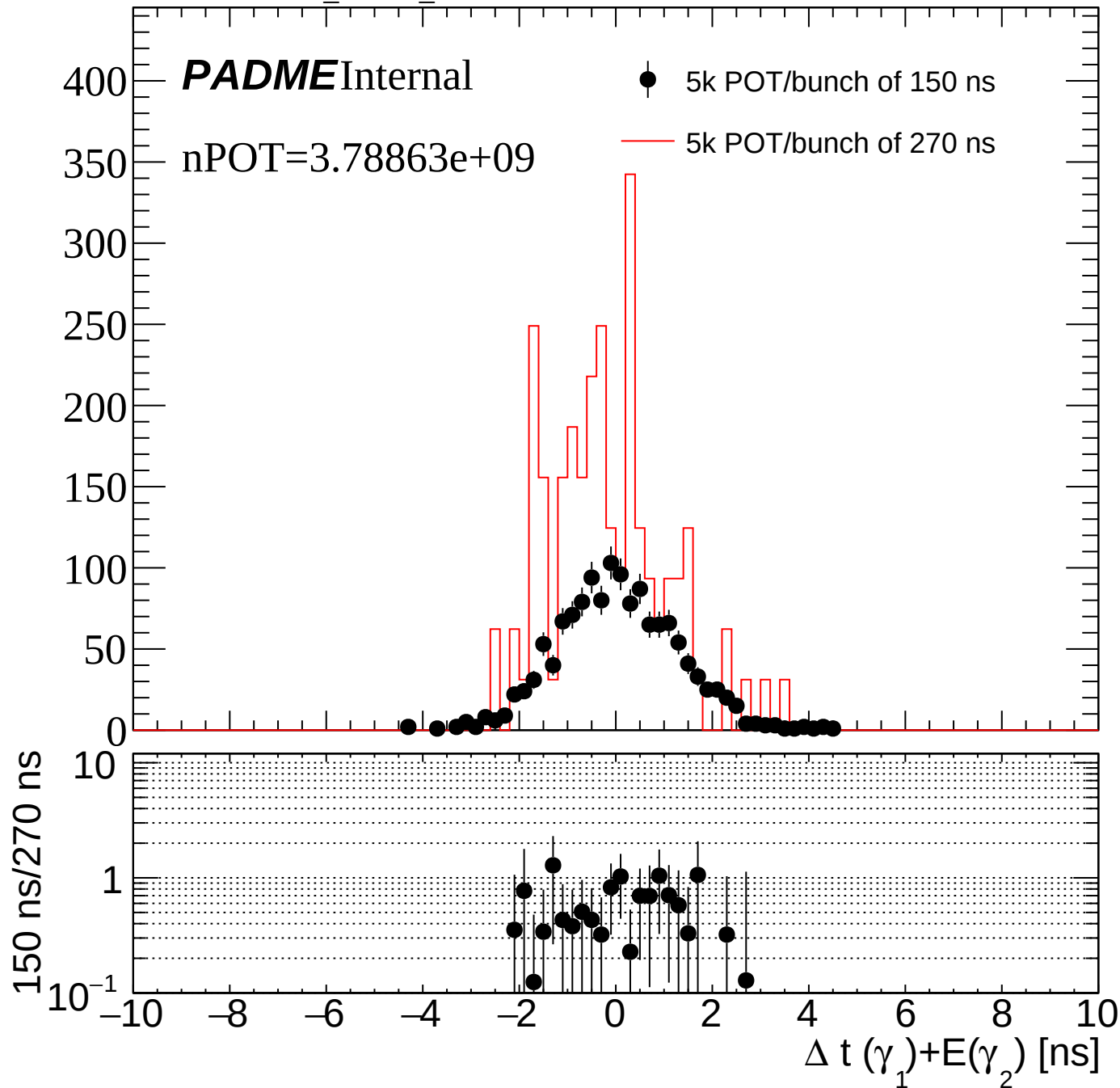
PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns





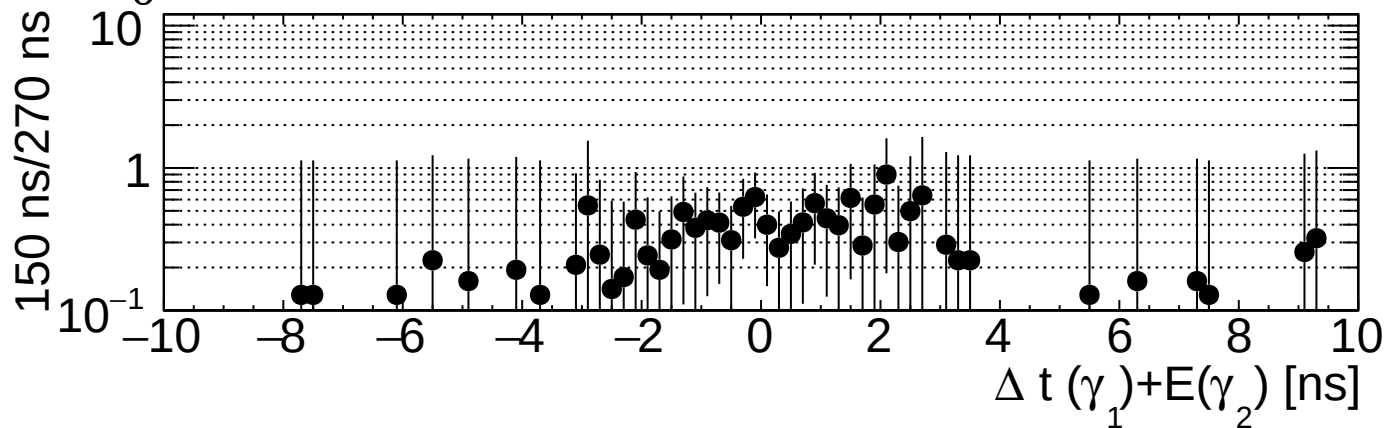
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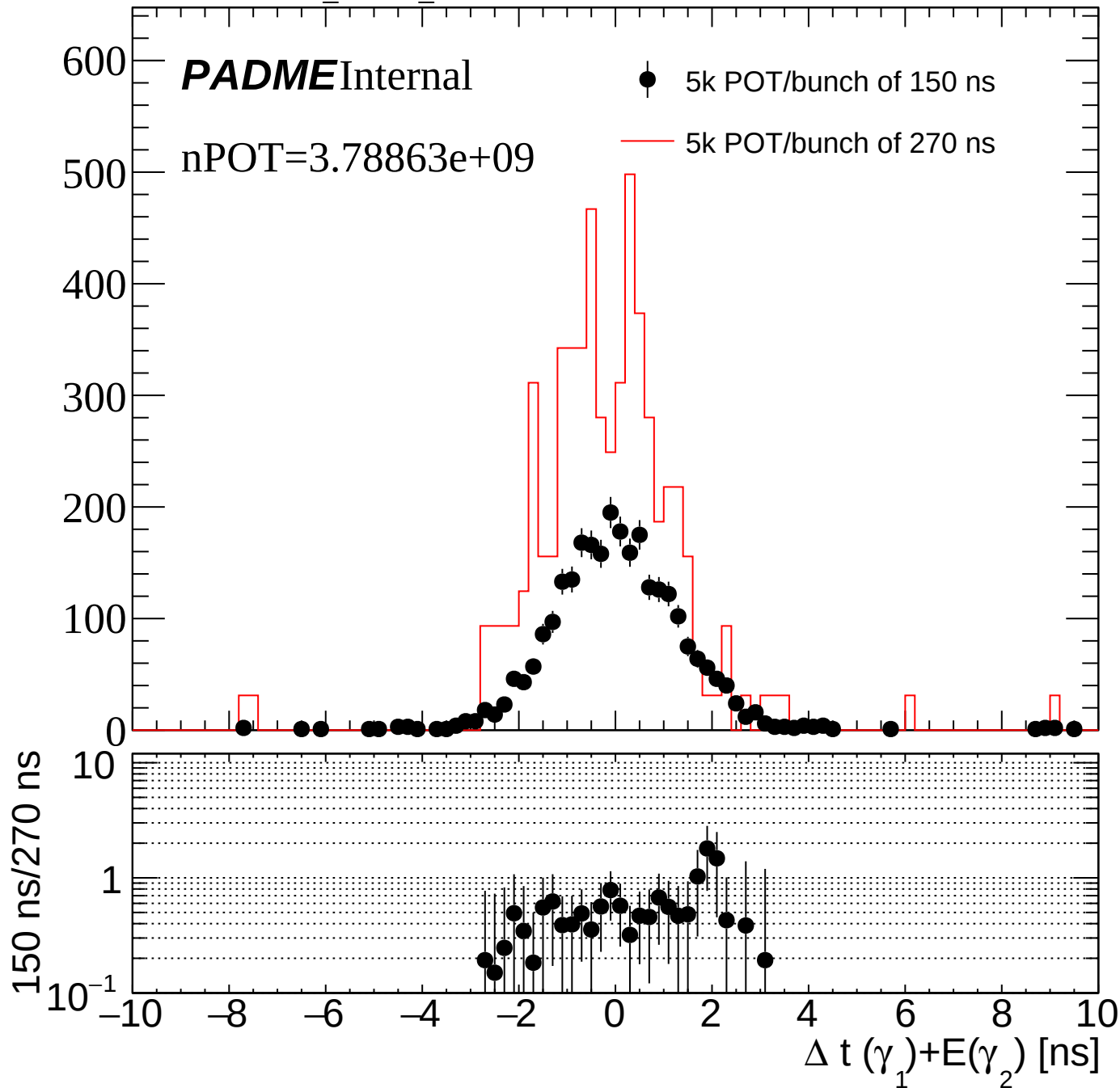
PADMEInternal

nPOT=3.78863e+09

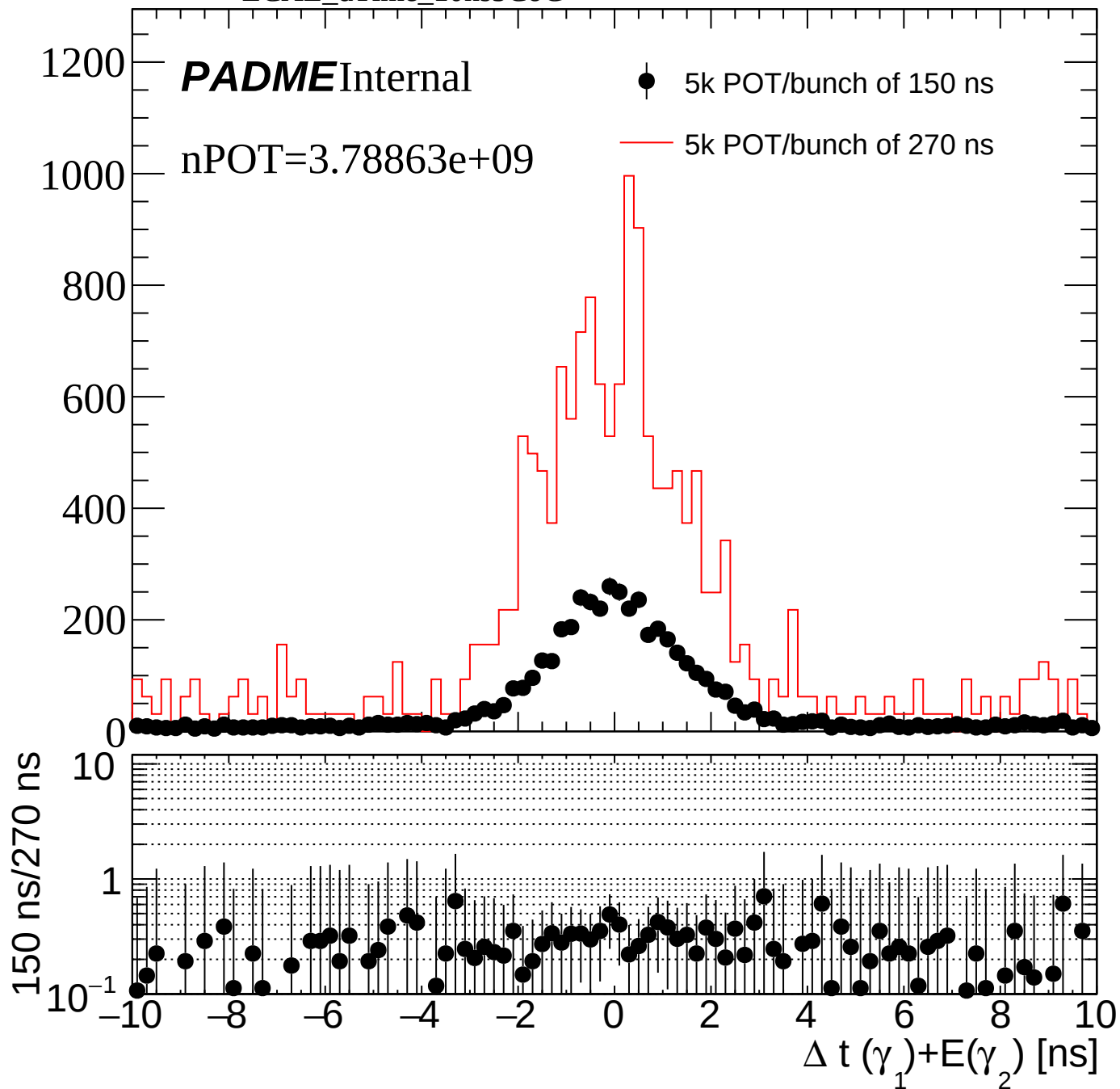
● 5k POT/bunch of 150 ns

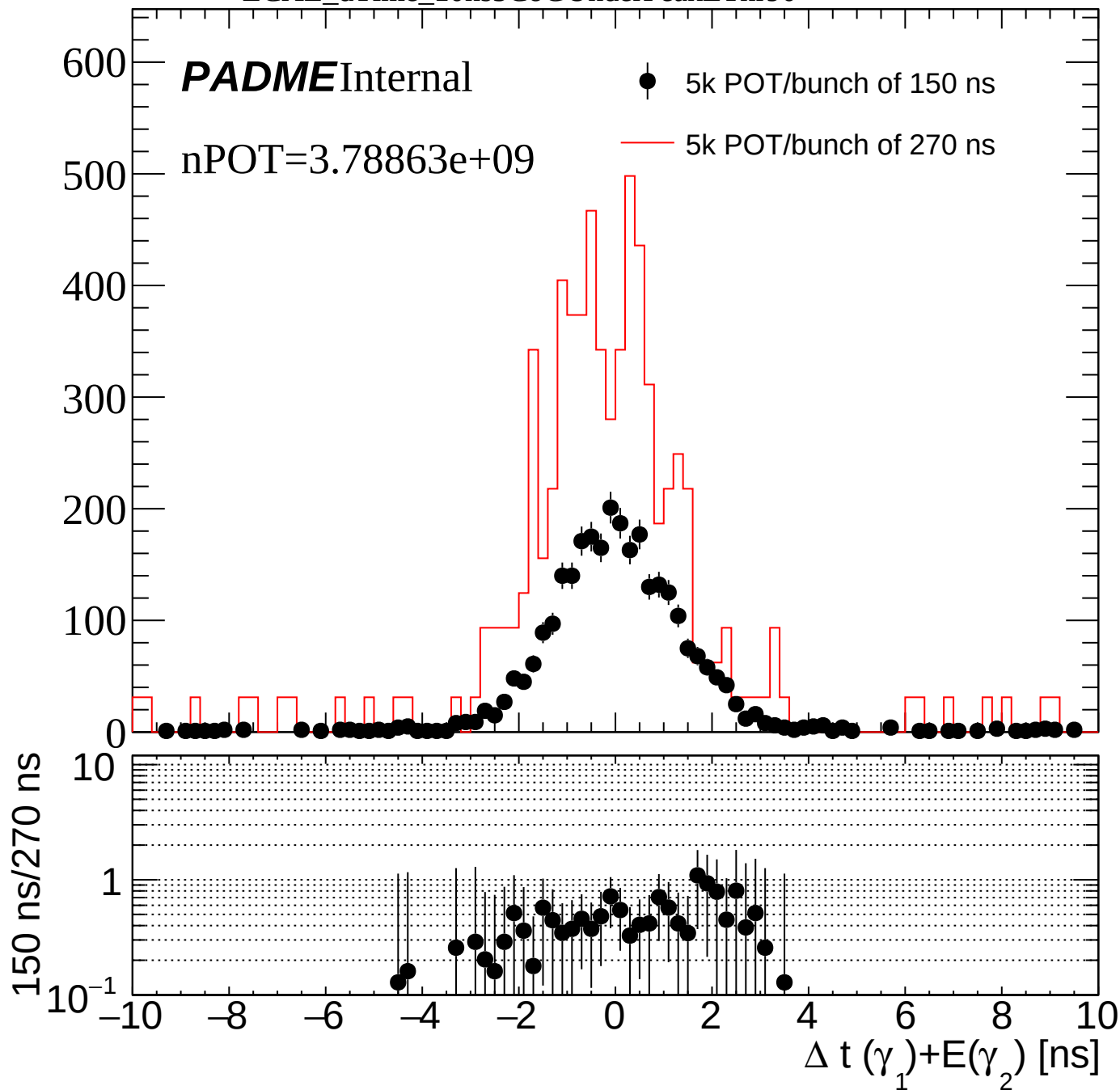
— 5k POT/bunch of 270 ns



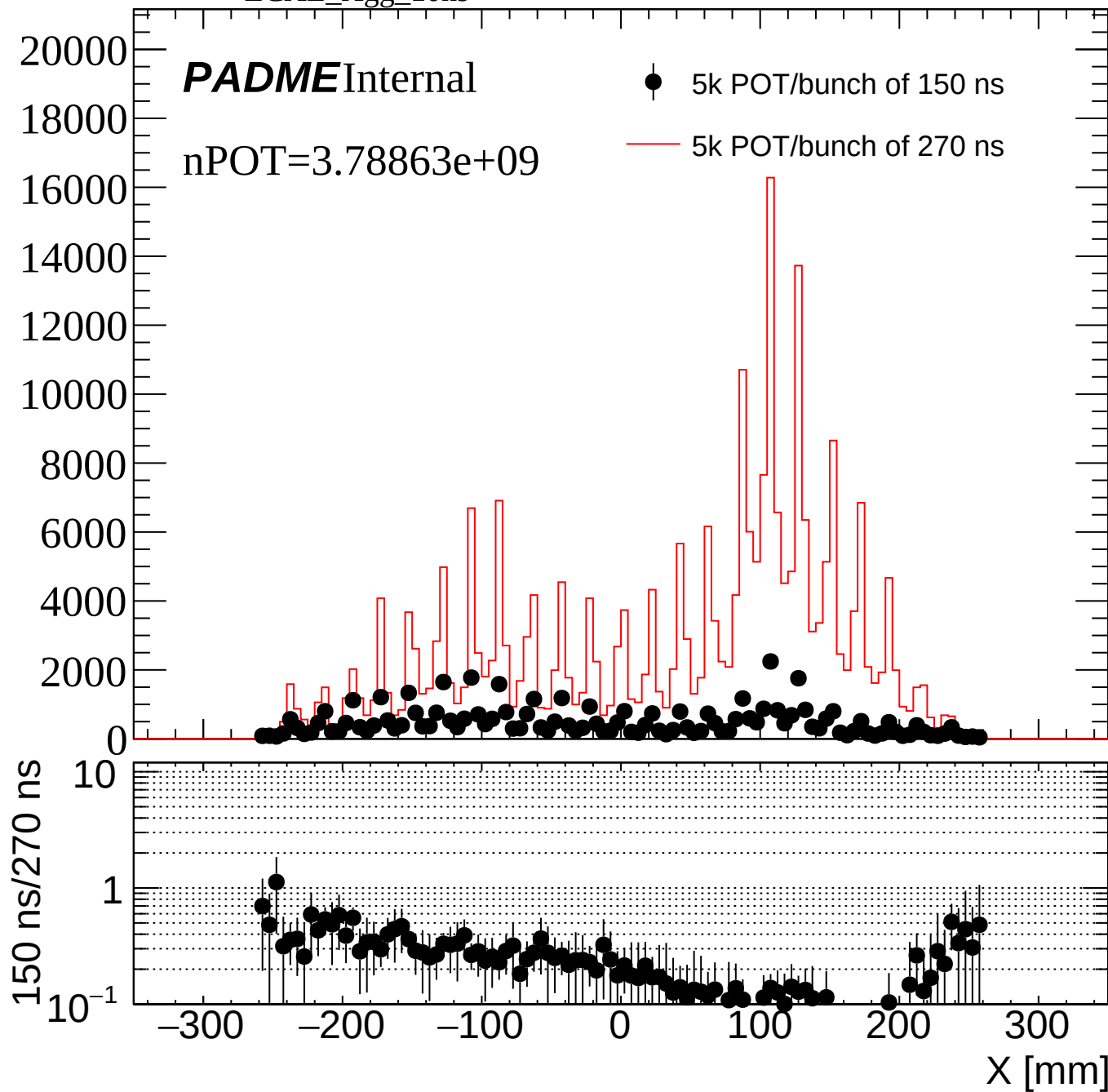


ECAL_dTime_10ns5CoG





ECAL_Xgg_10ns



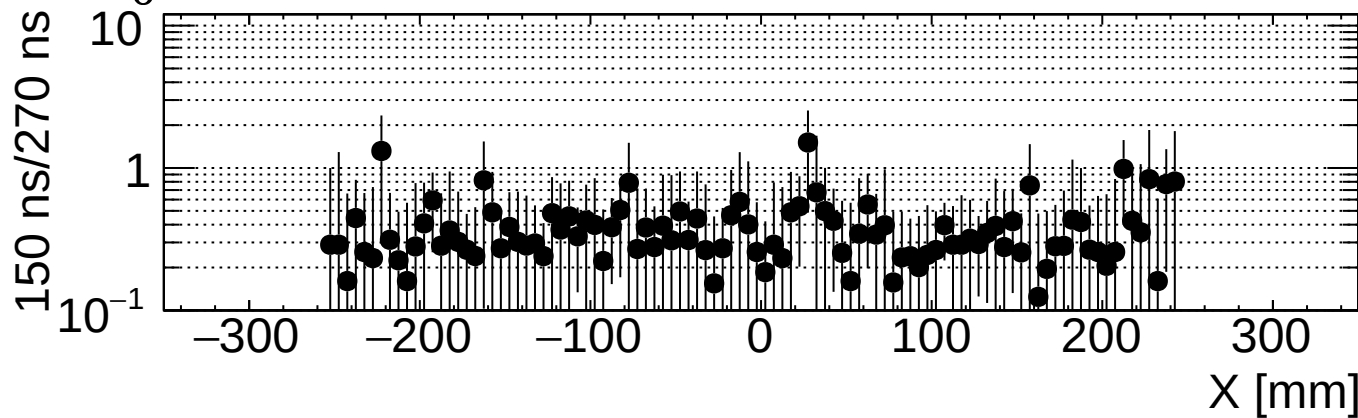
ECAL_Xgg_10ns20Degree

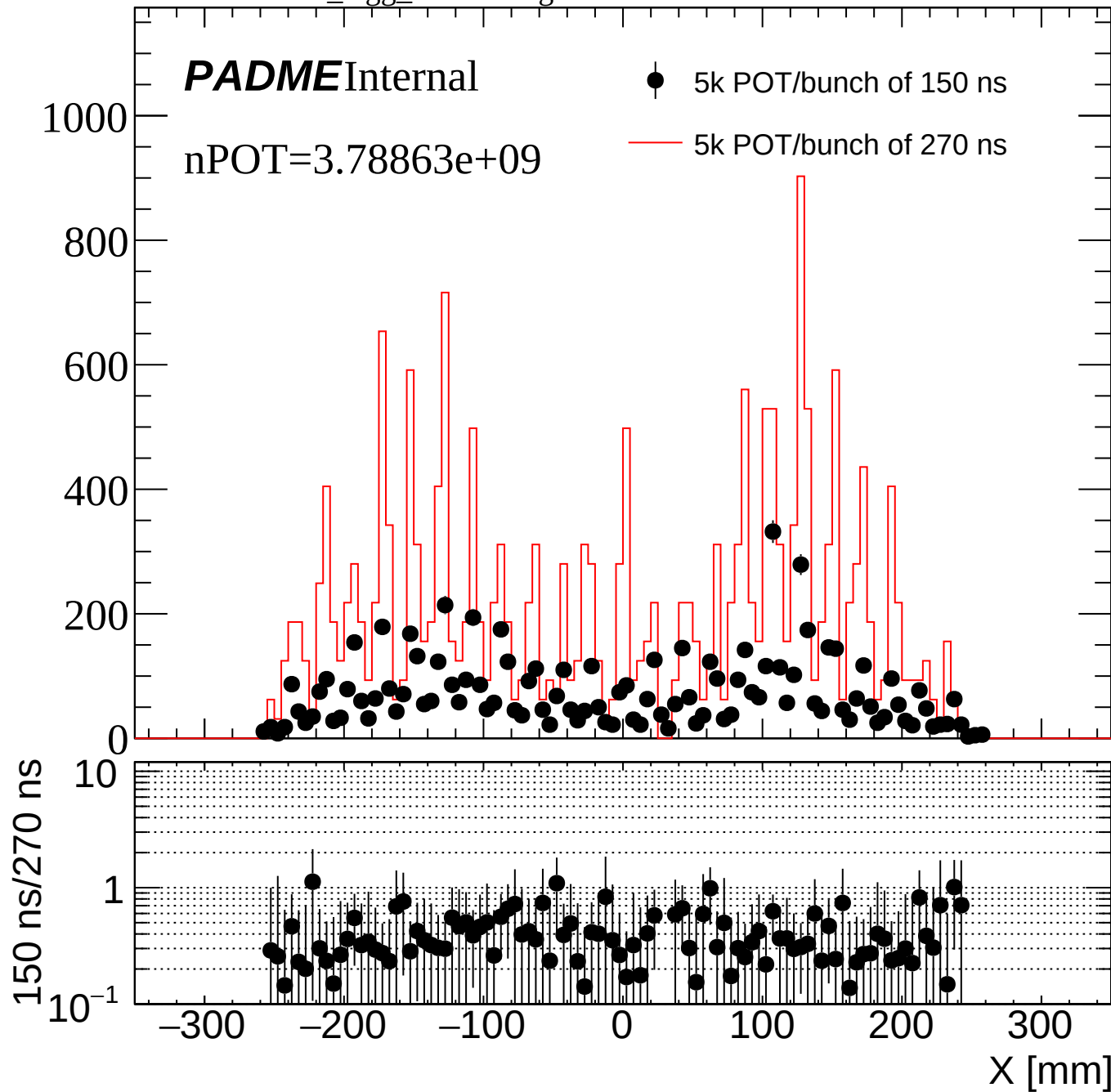
PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns





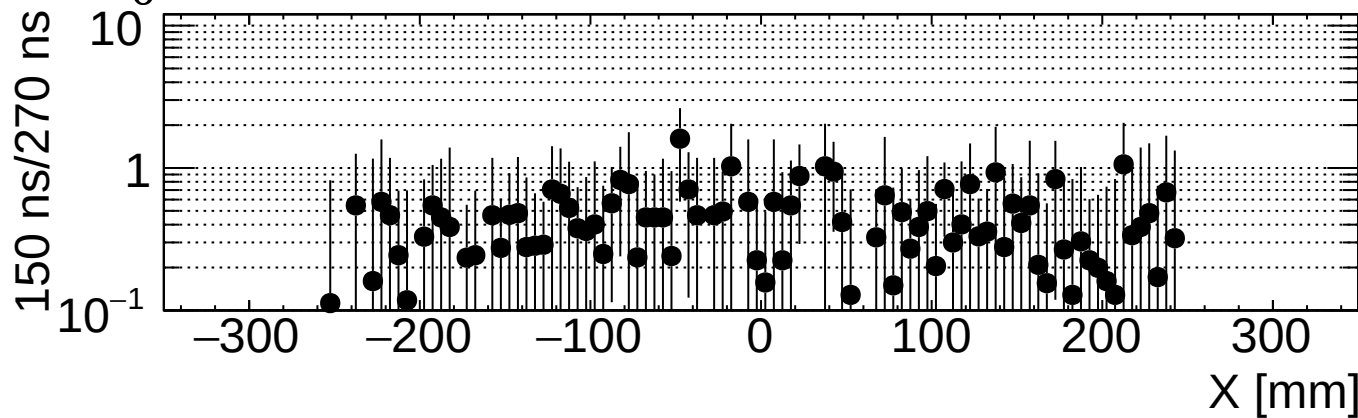
ECAL_Xgg_10ns5DegreeDeltaTheta

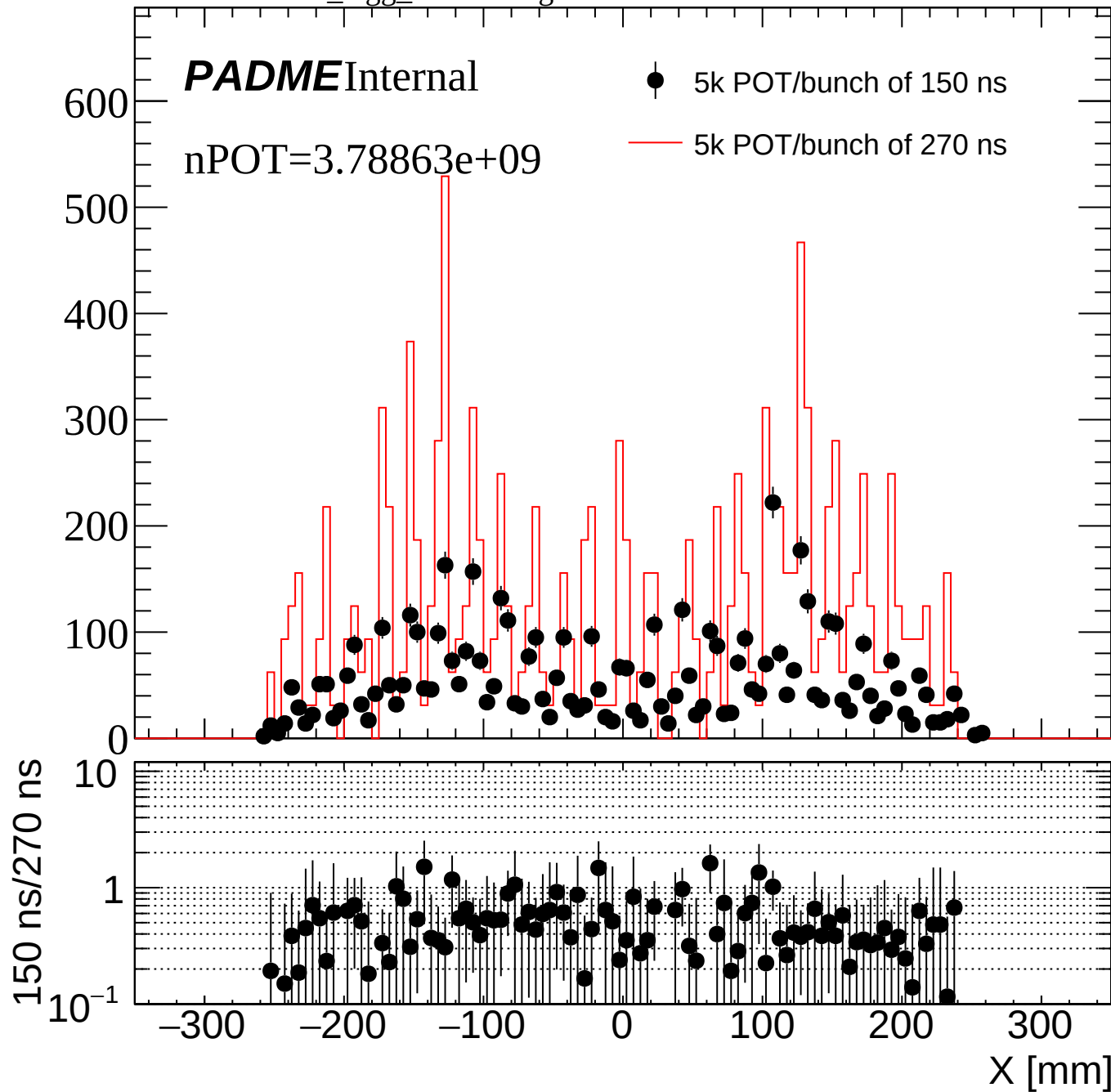
PADMEInternal

nPOT=3.78863e+09

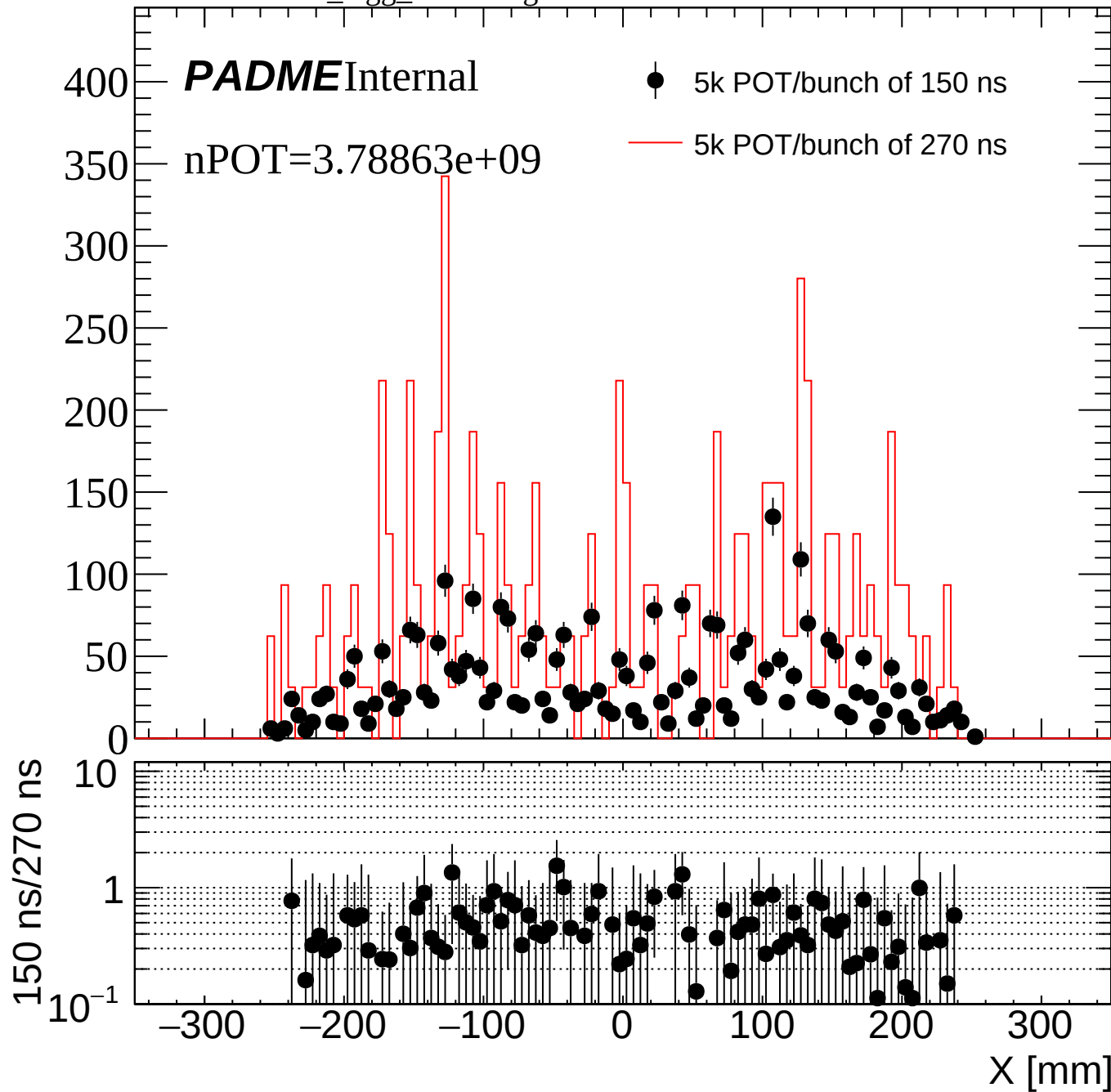
● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns





ECAL_Xgg_10ns5DegreeDeltaThetaUnderPeak



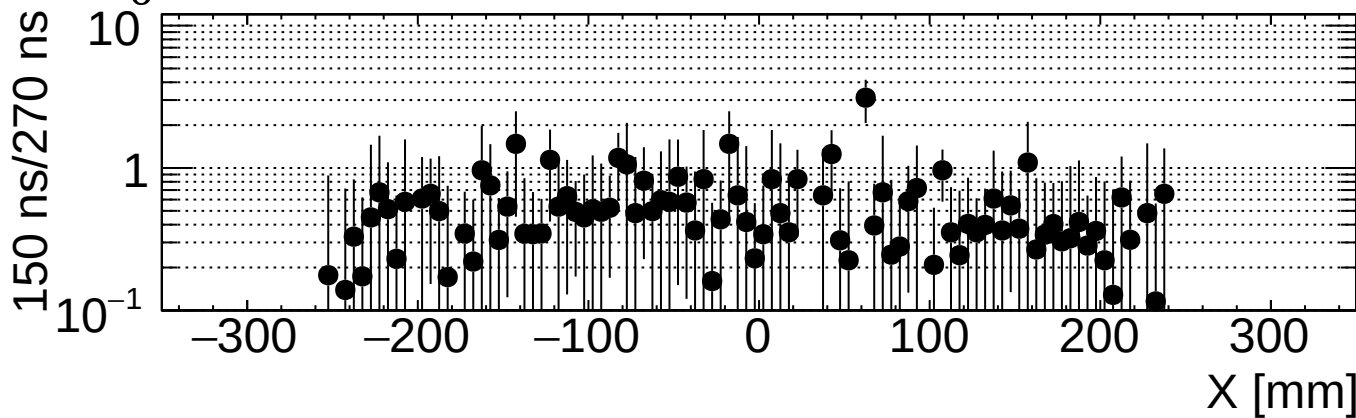
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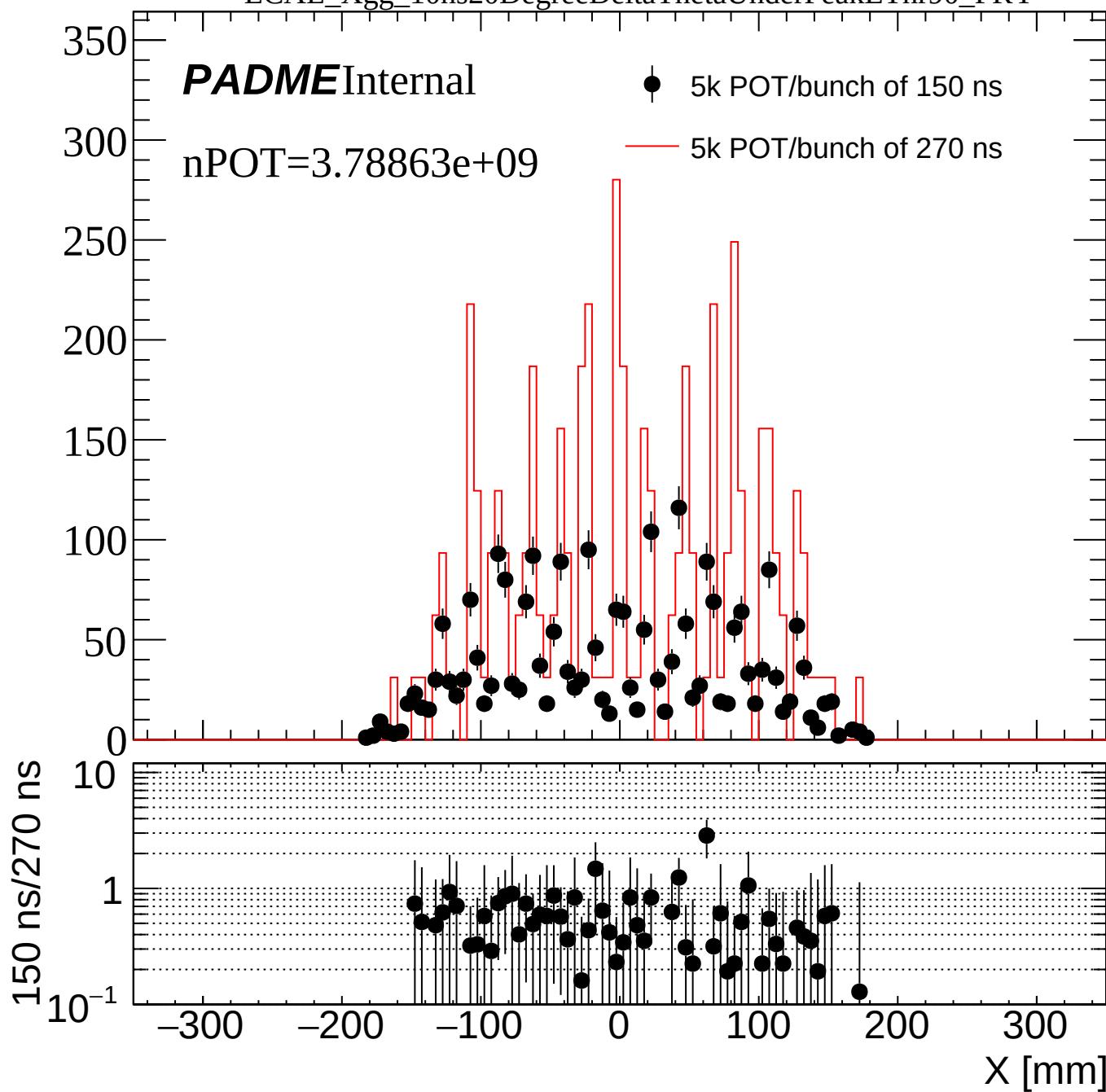
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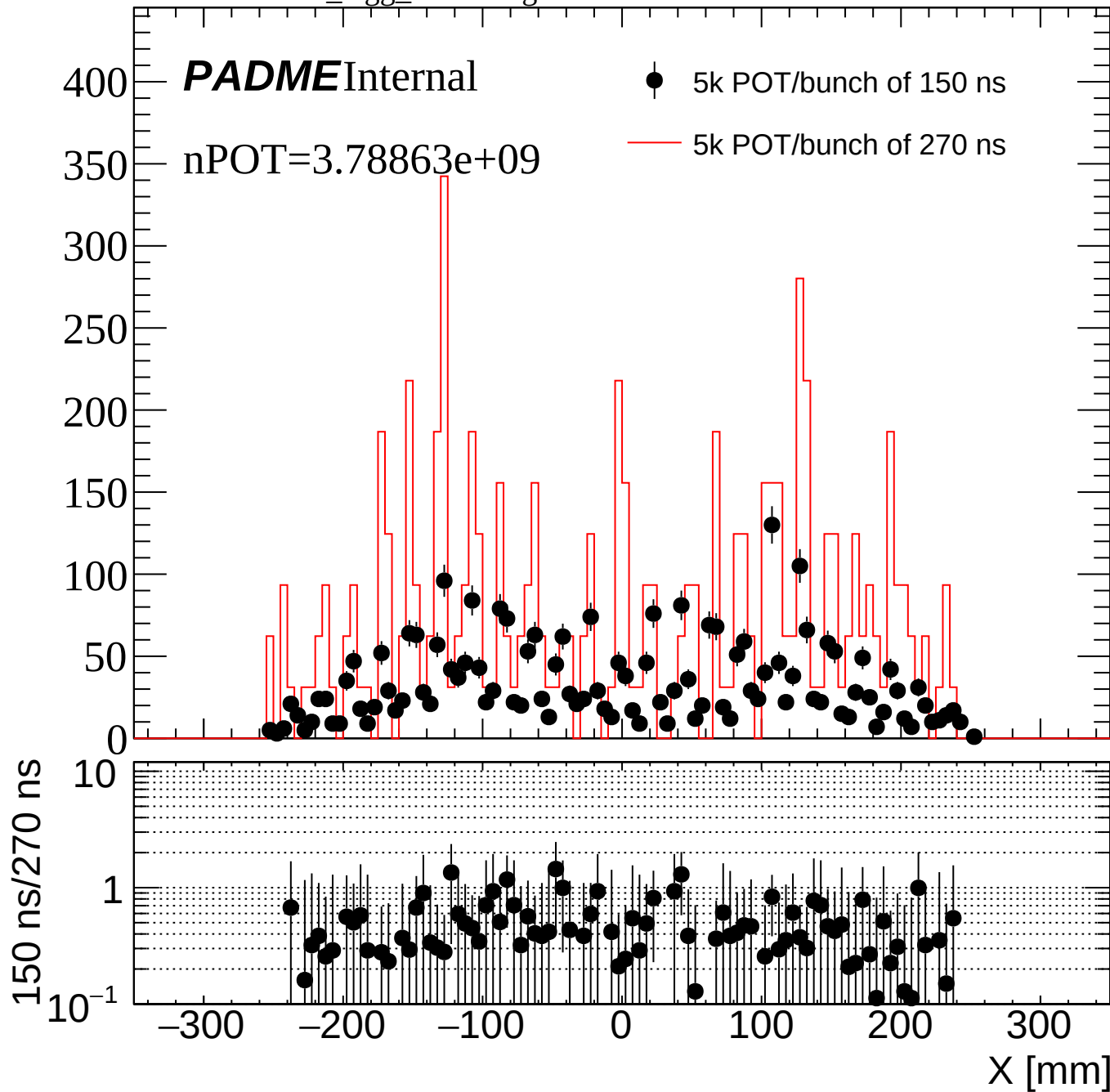
nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

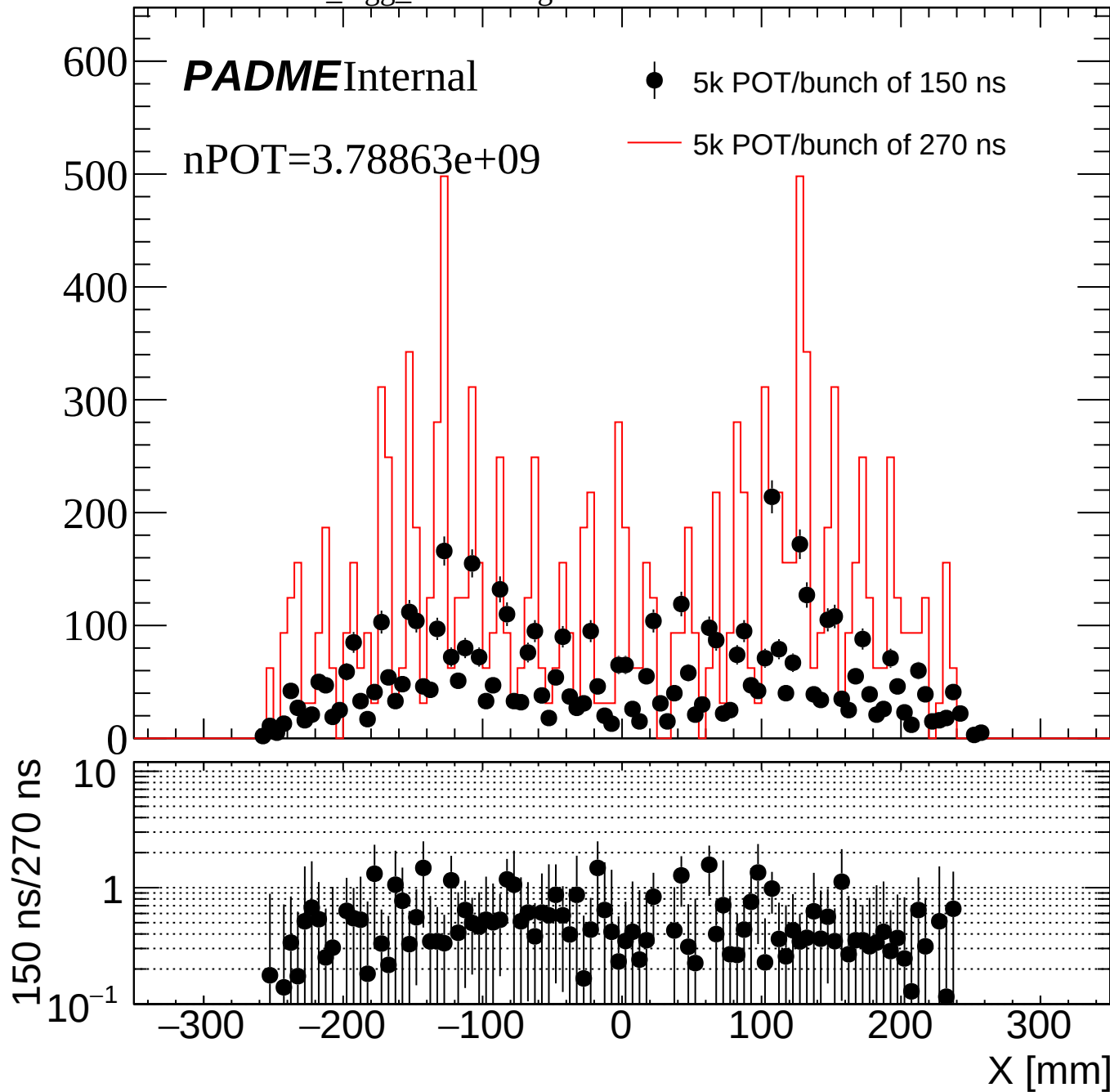
— 5k POT/bunch of 270 ns

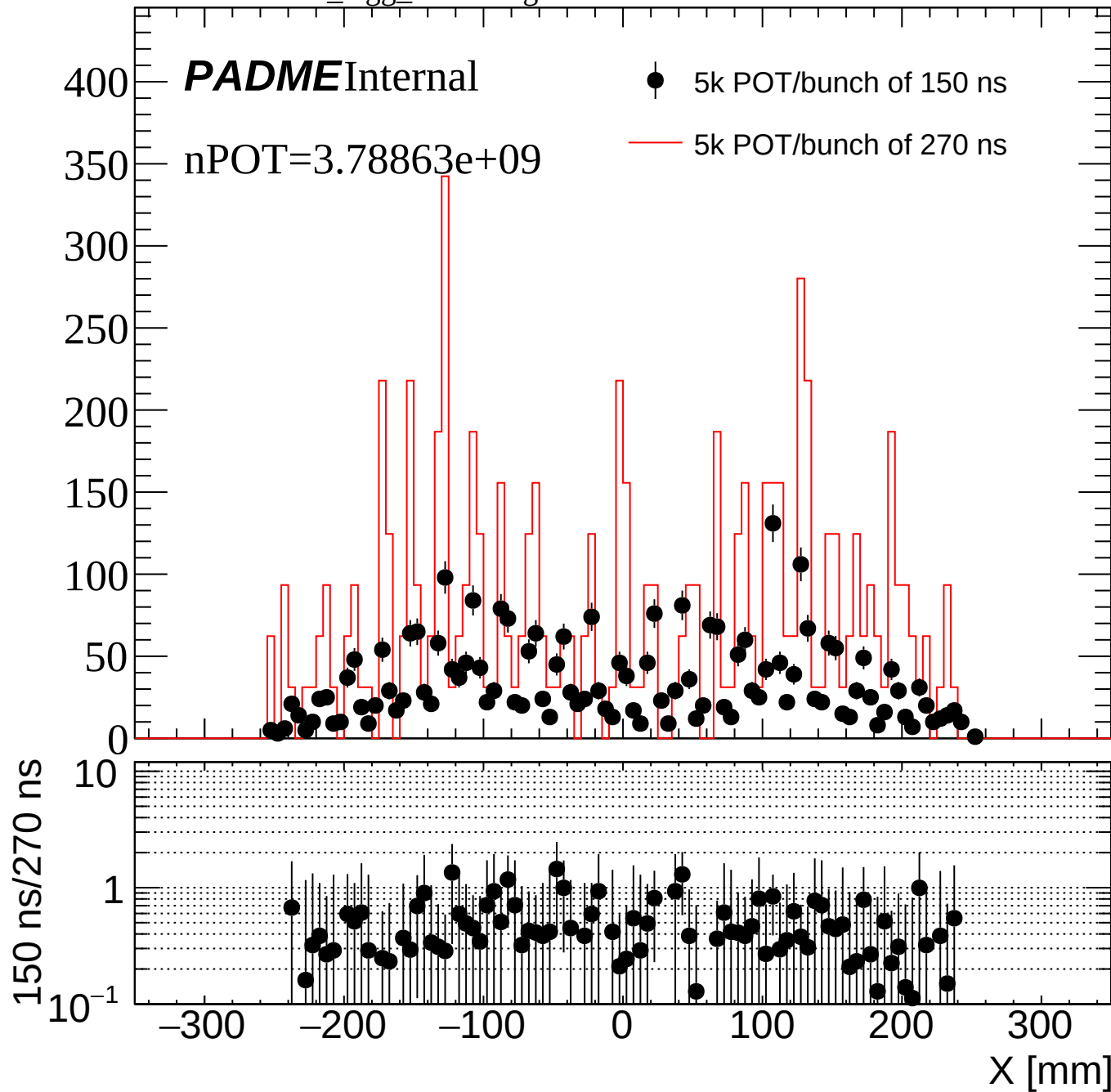


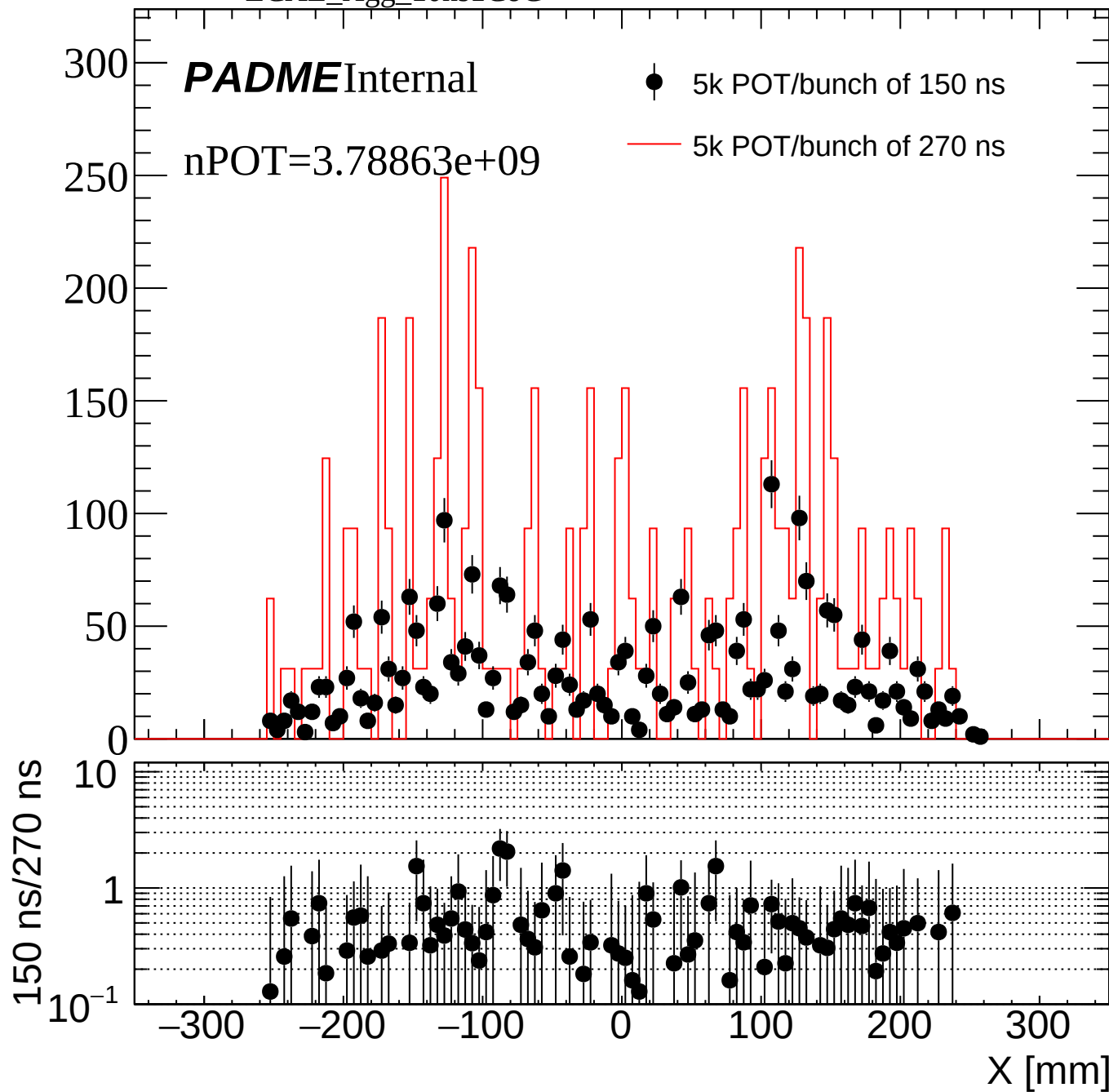


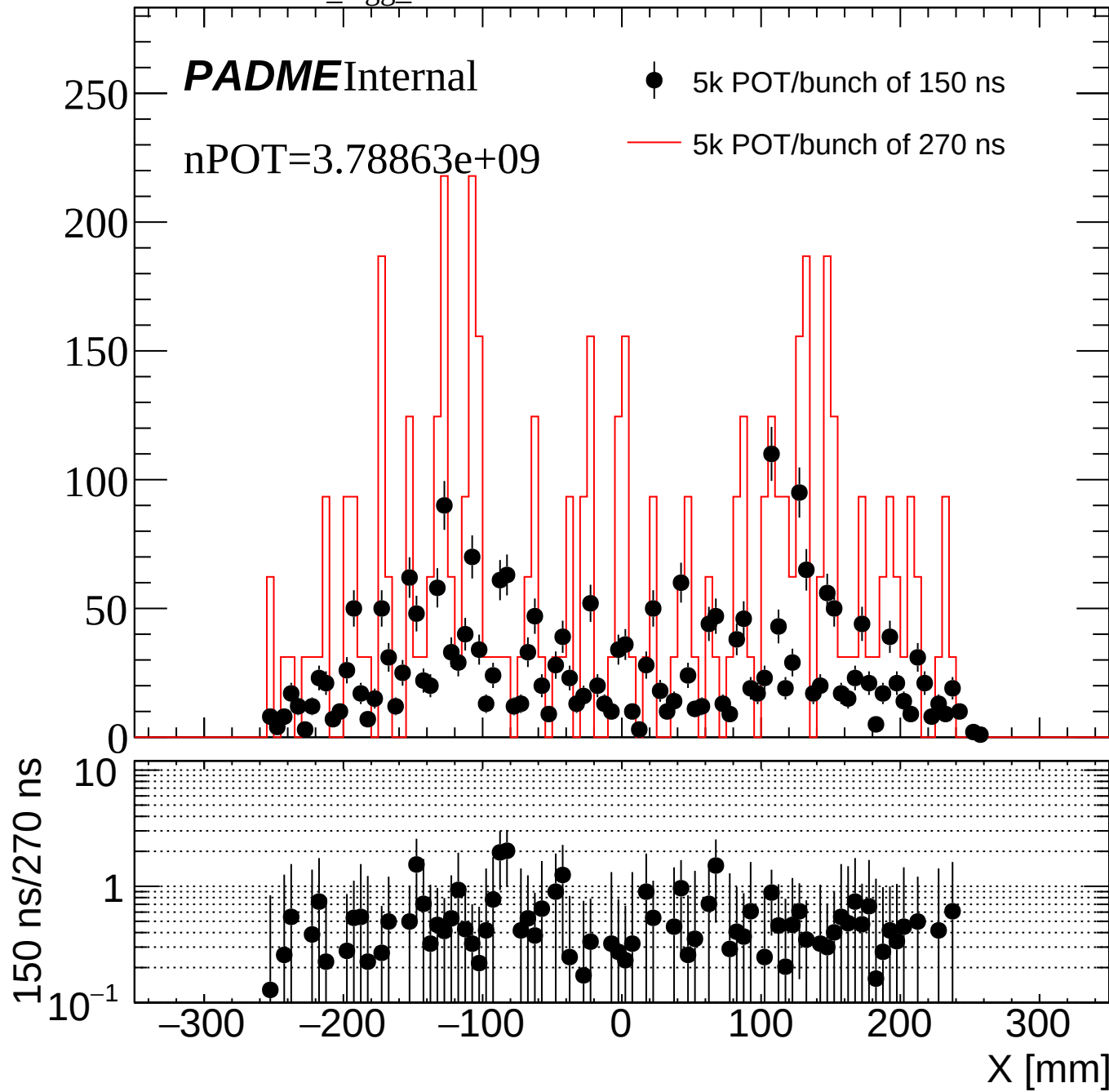


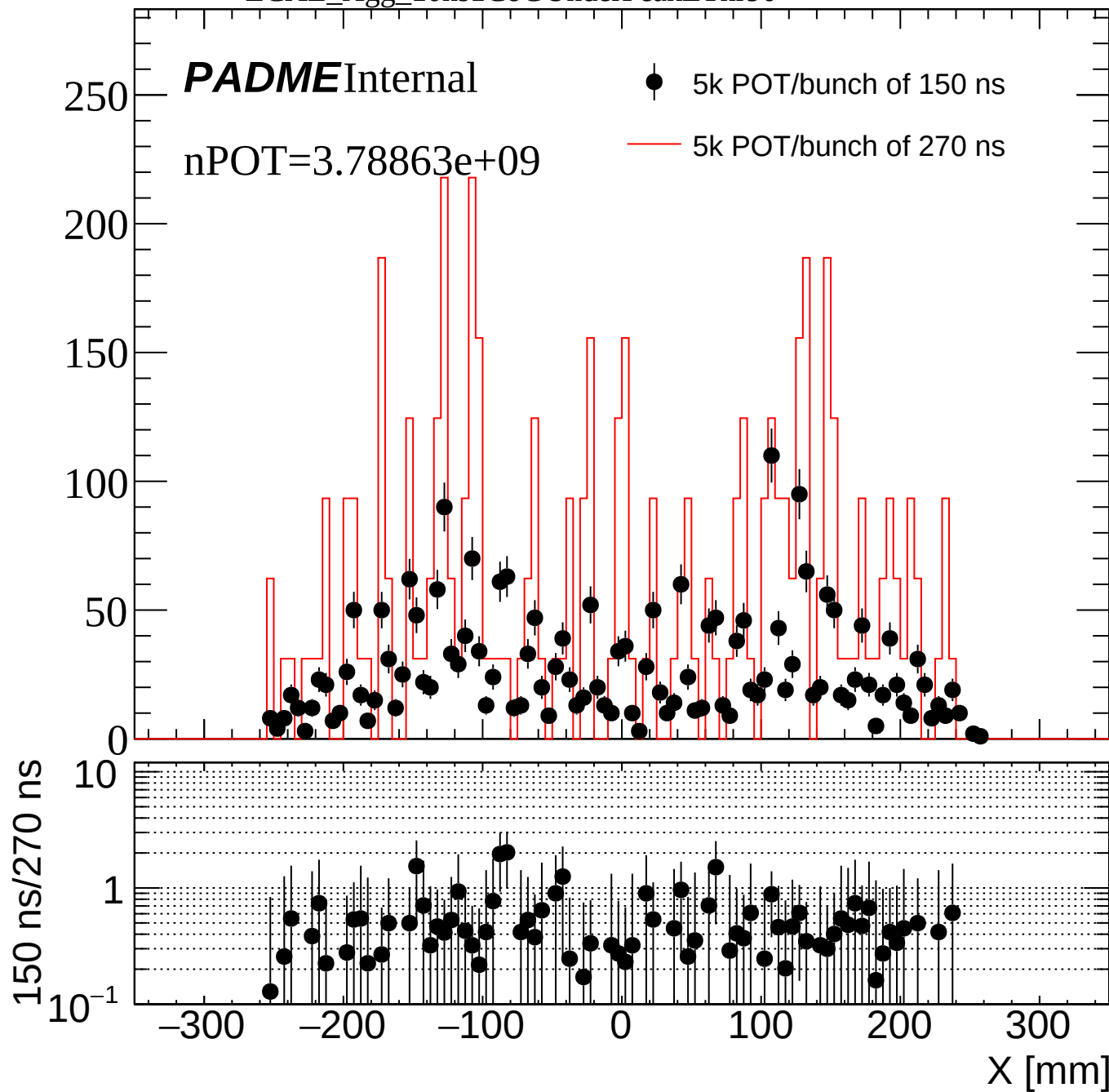
ECAL_Xgg_10ns20DegreeDeltaThetaEThr90

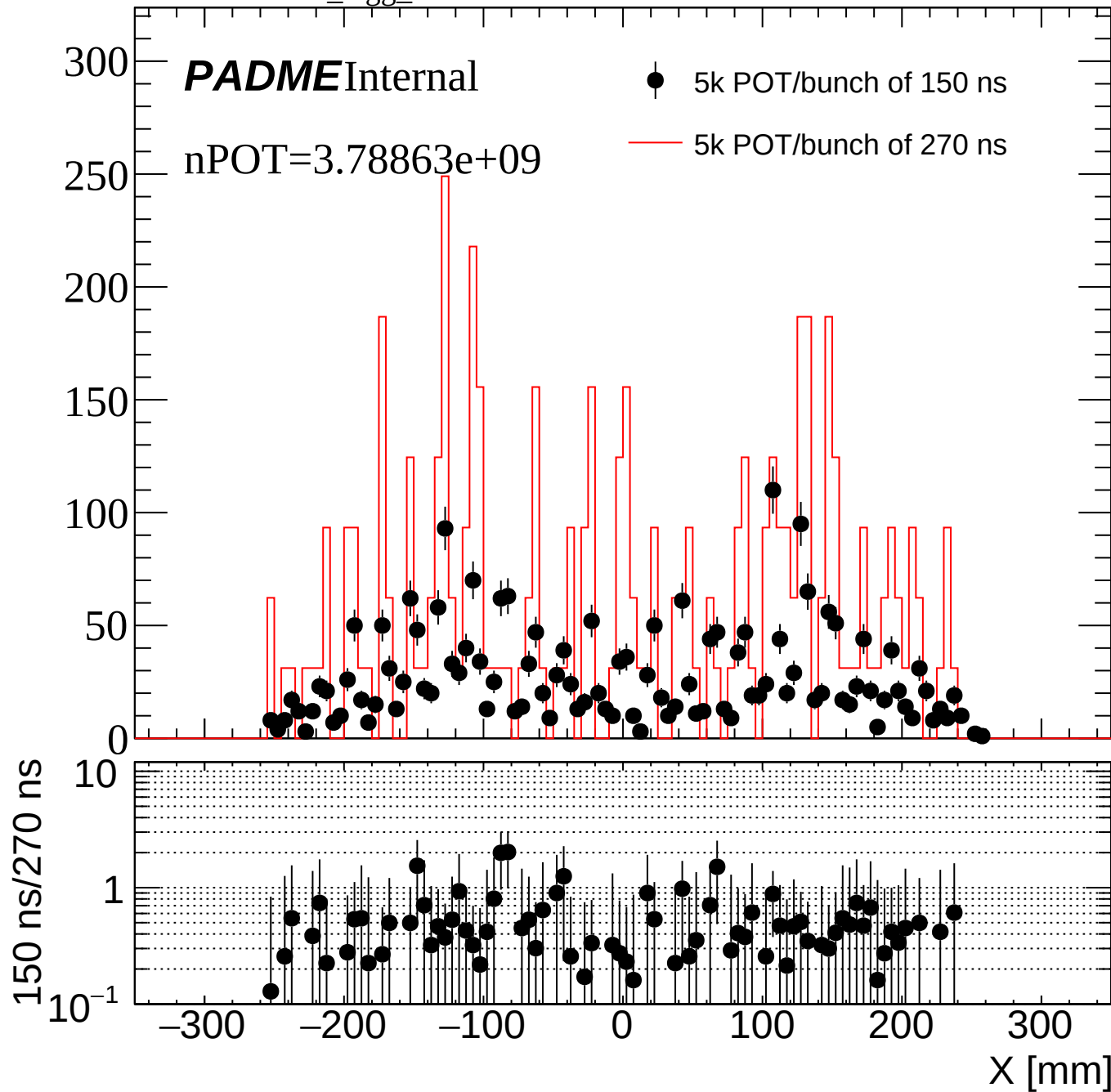


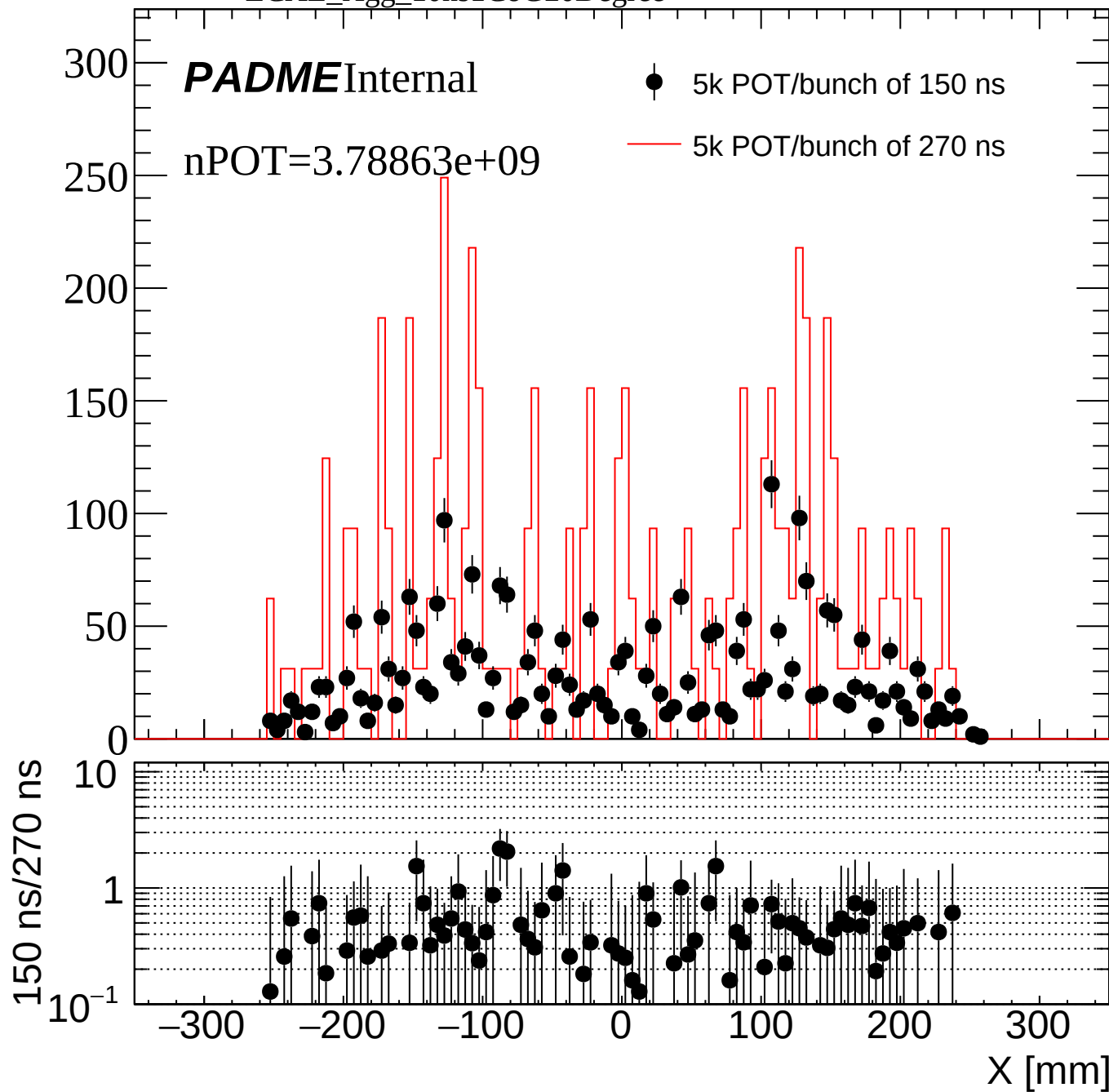


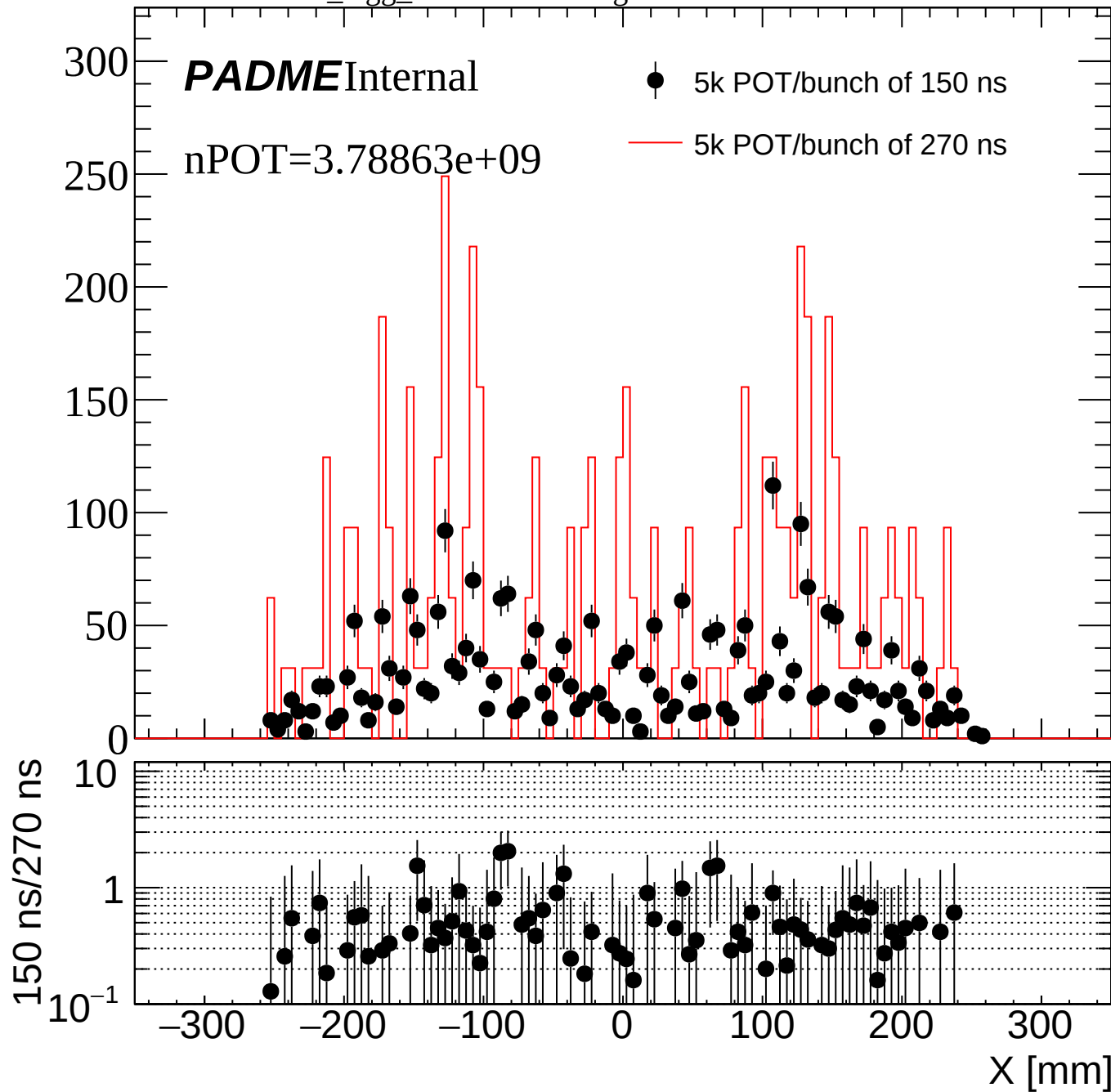


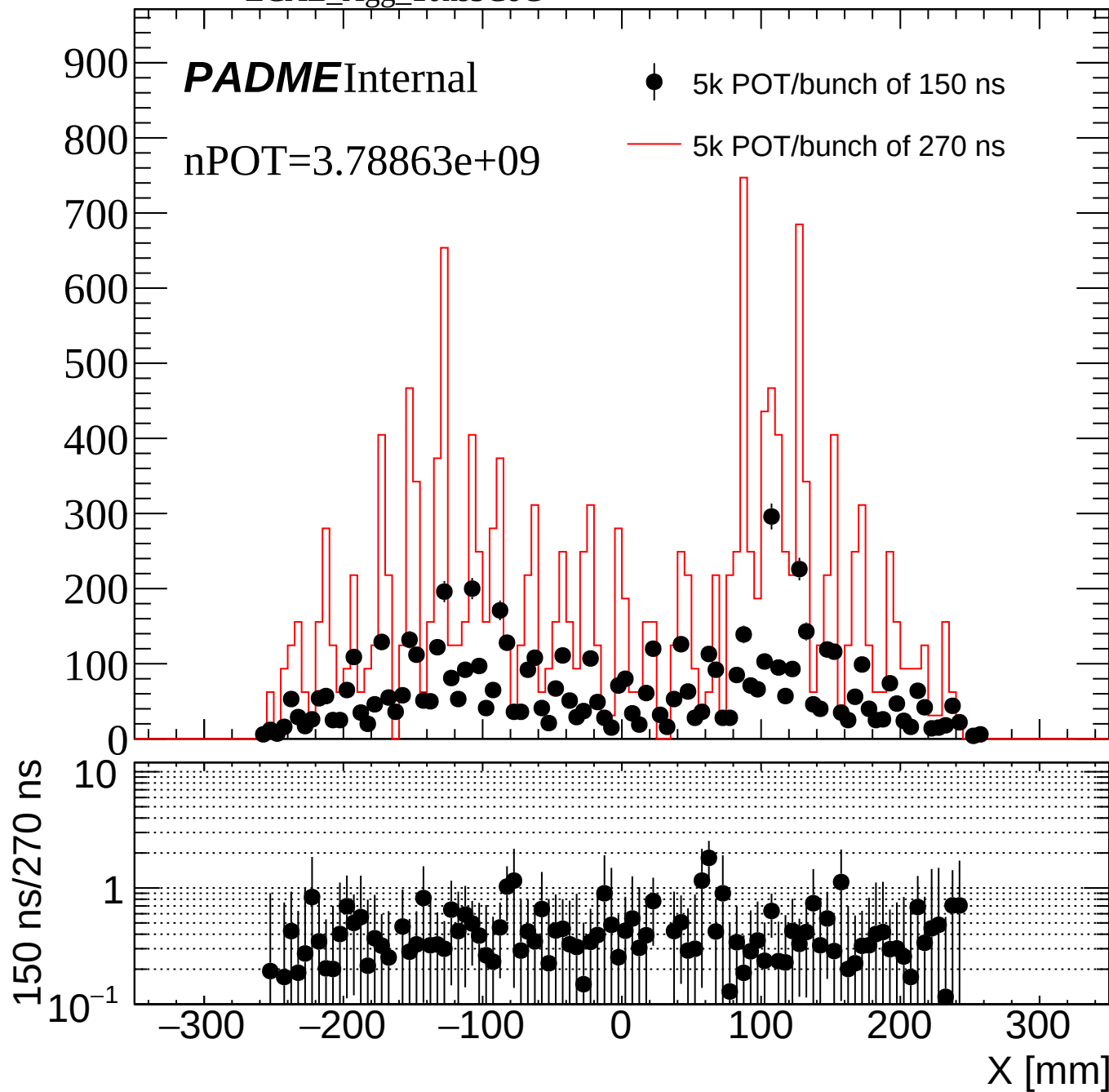












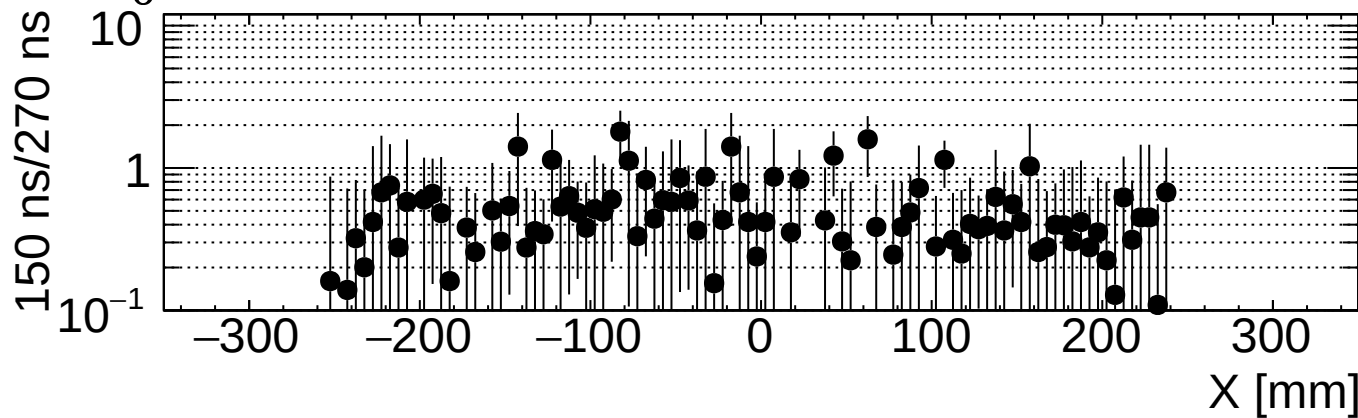
ECAL_Xgg_10ns3CoGUnderPeak

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



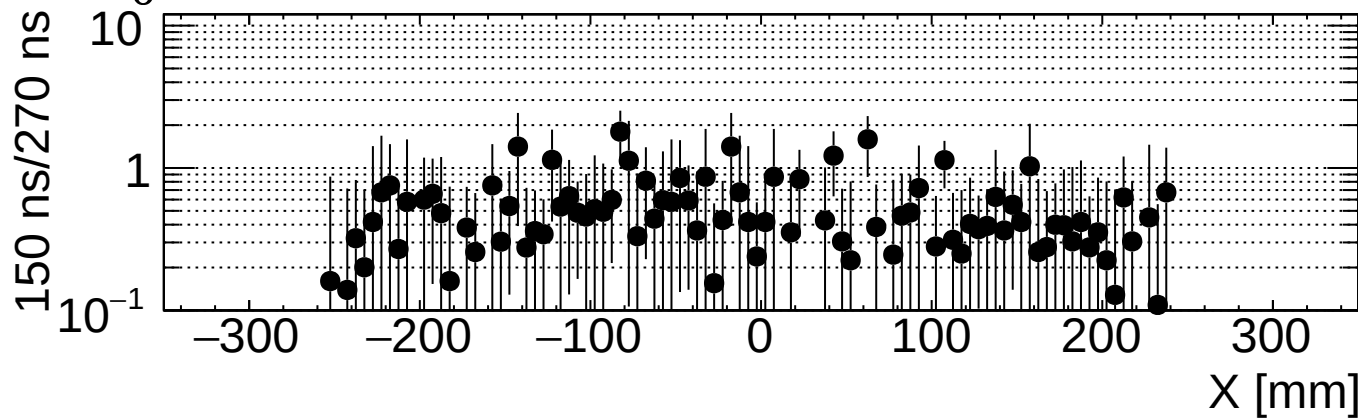
ECAL_Xgg_10ns3CoGUnderPeakEThr90

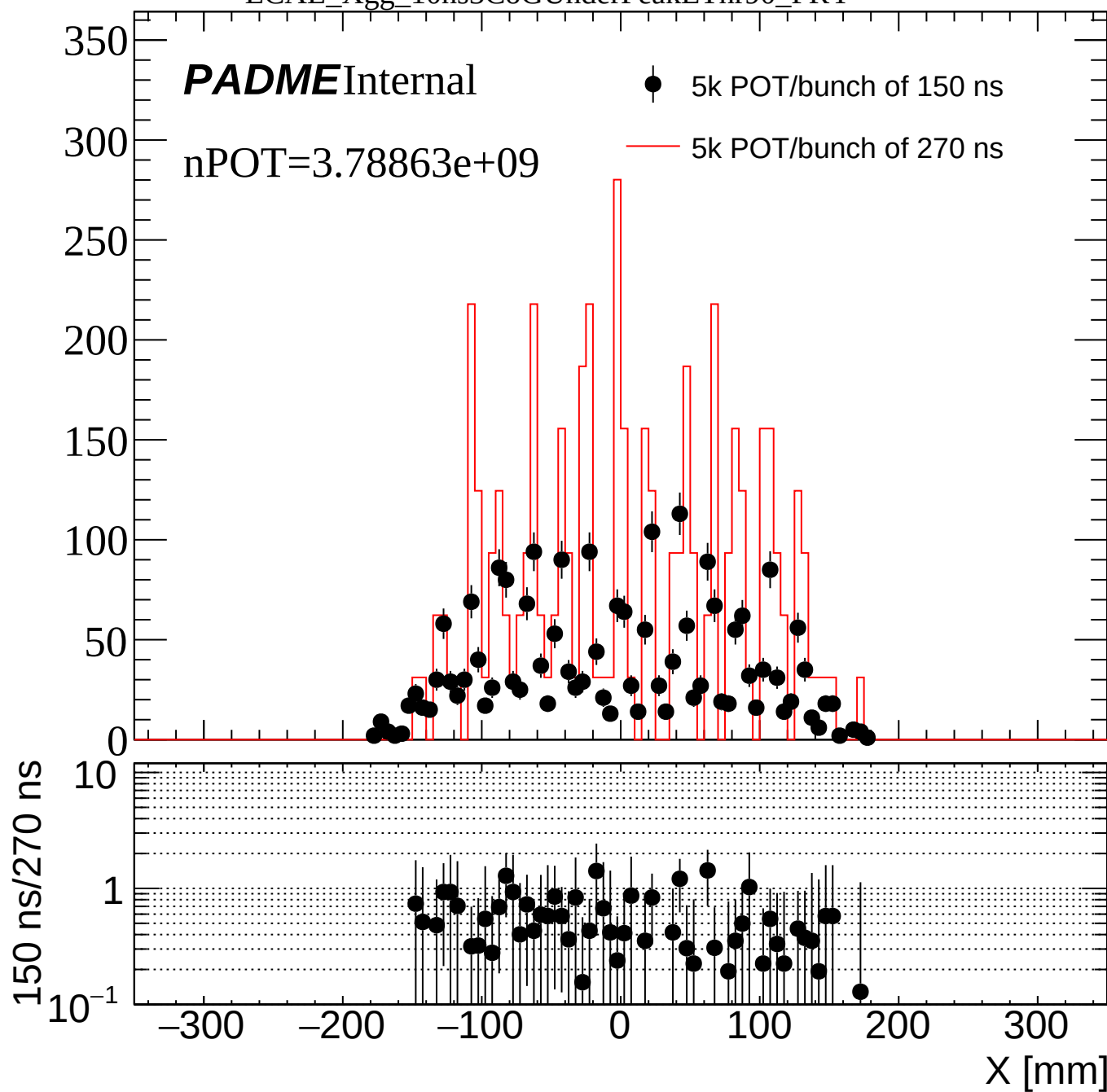
PADMEInternal

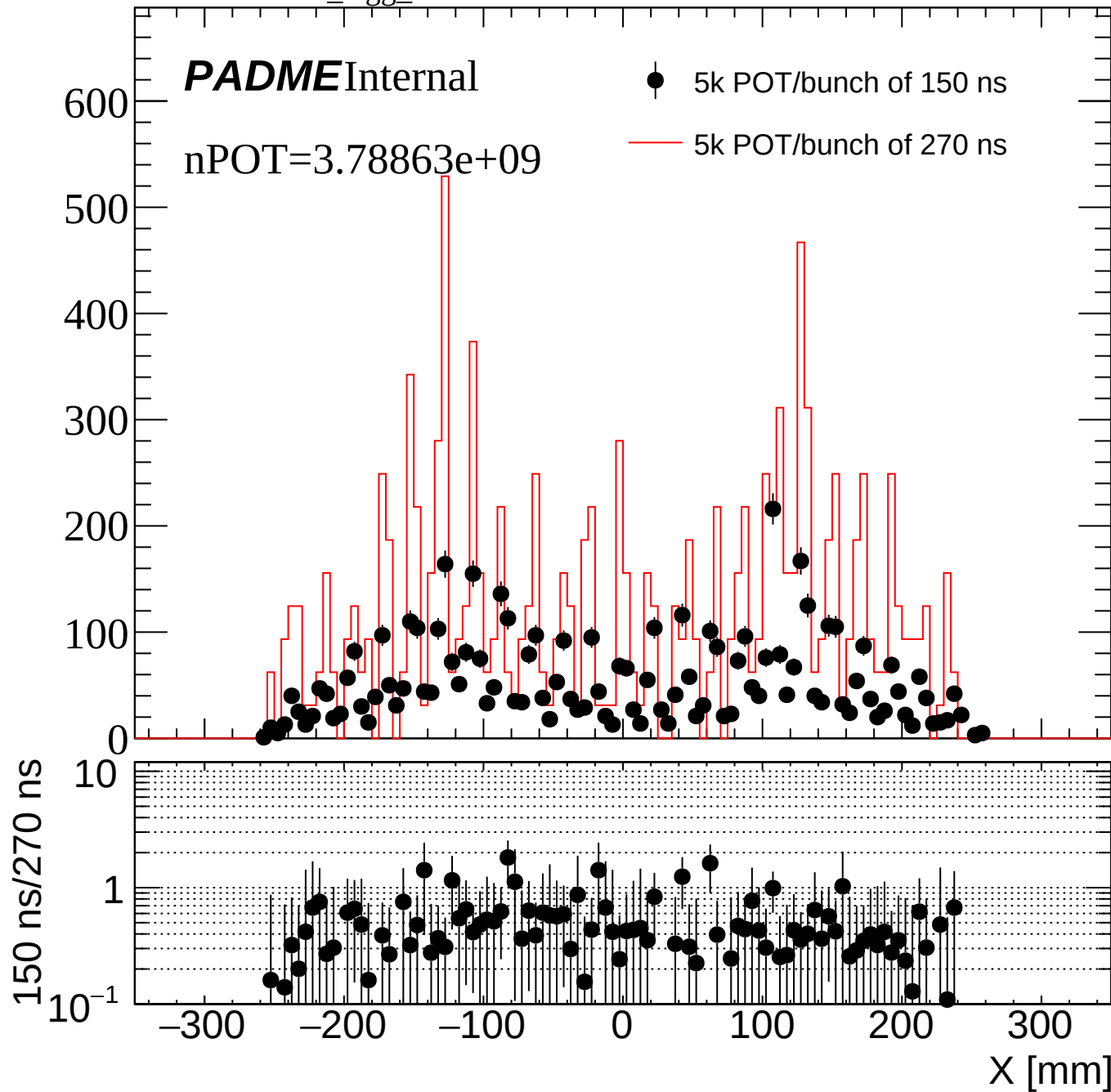
nPOT=3.78863e+09

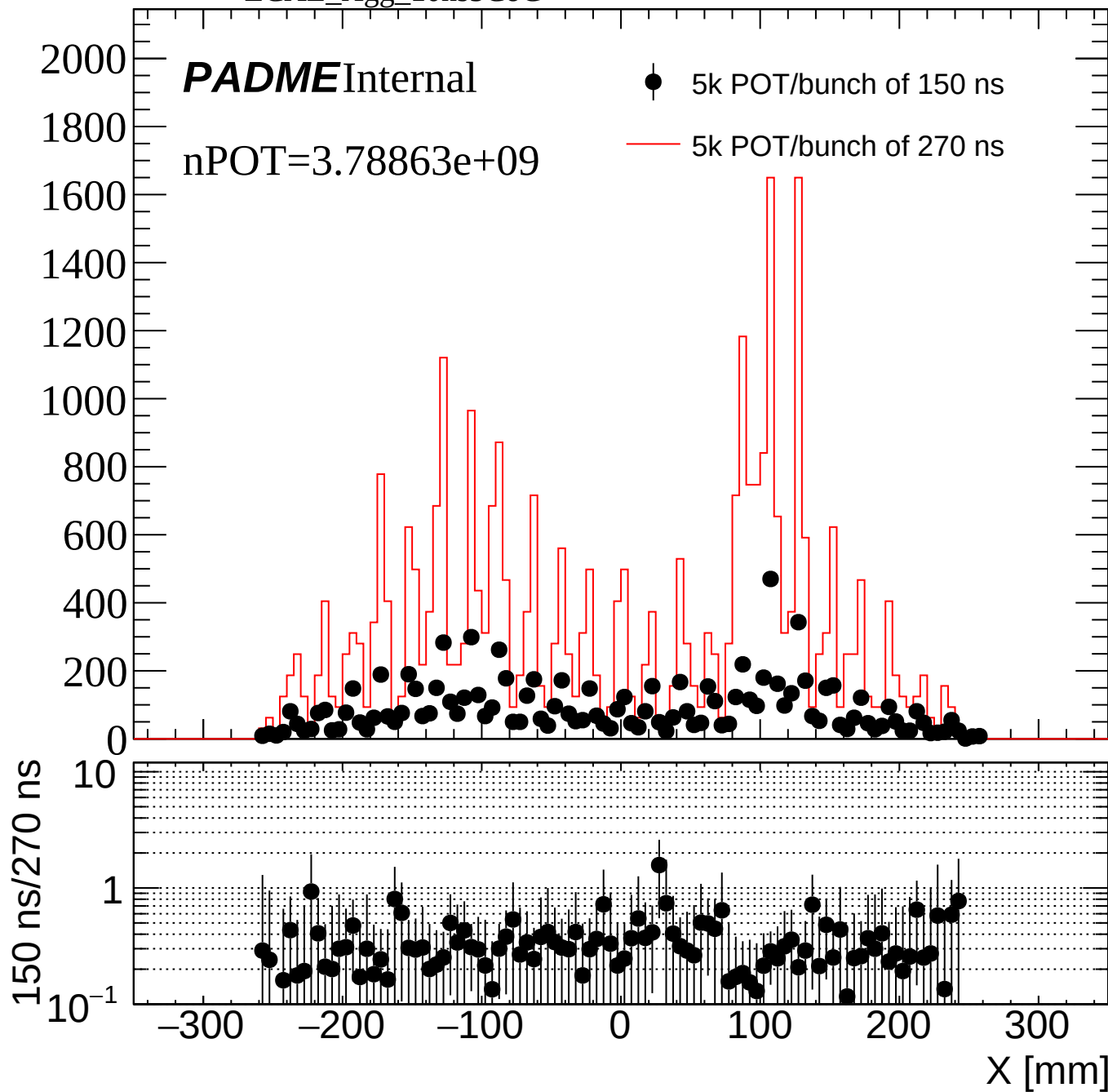
● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns









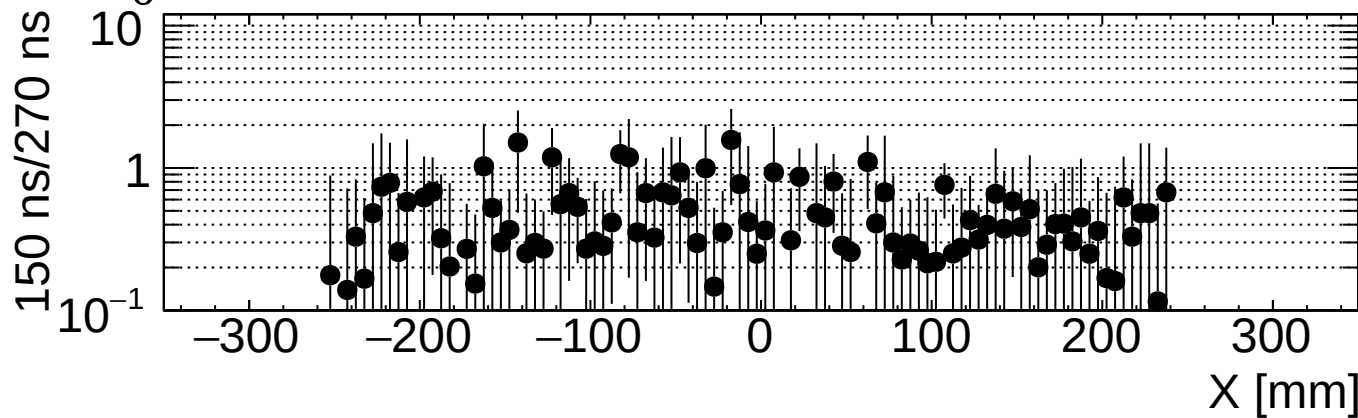
ECAL_Xgg_10ns5CoGUnderPeak

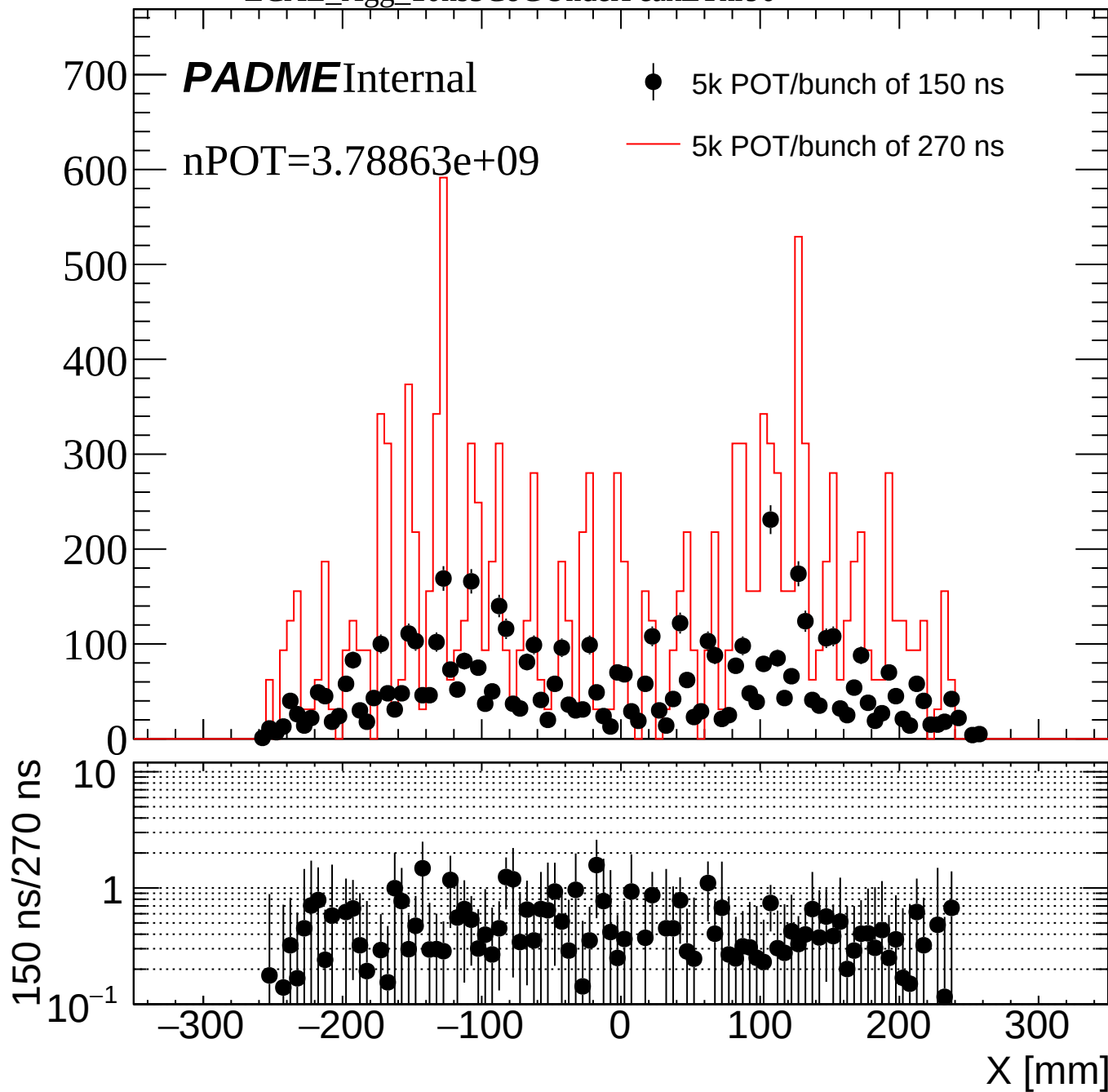
PADMEInternal

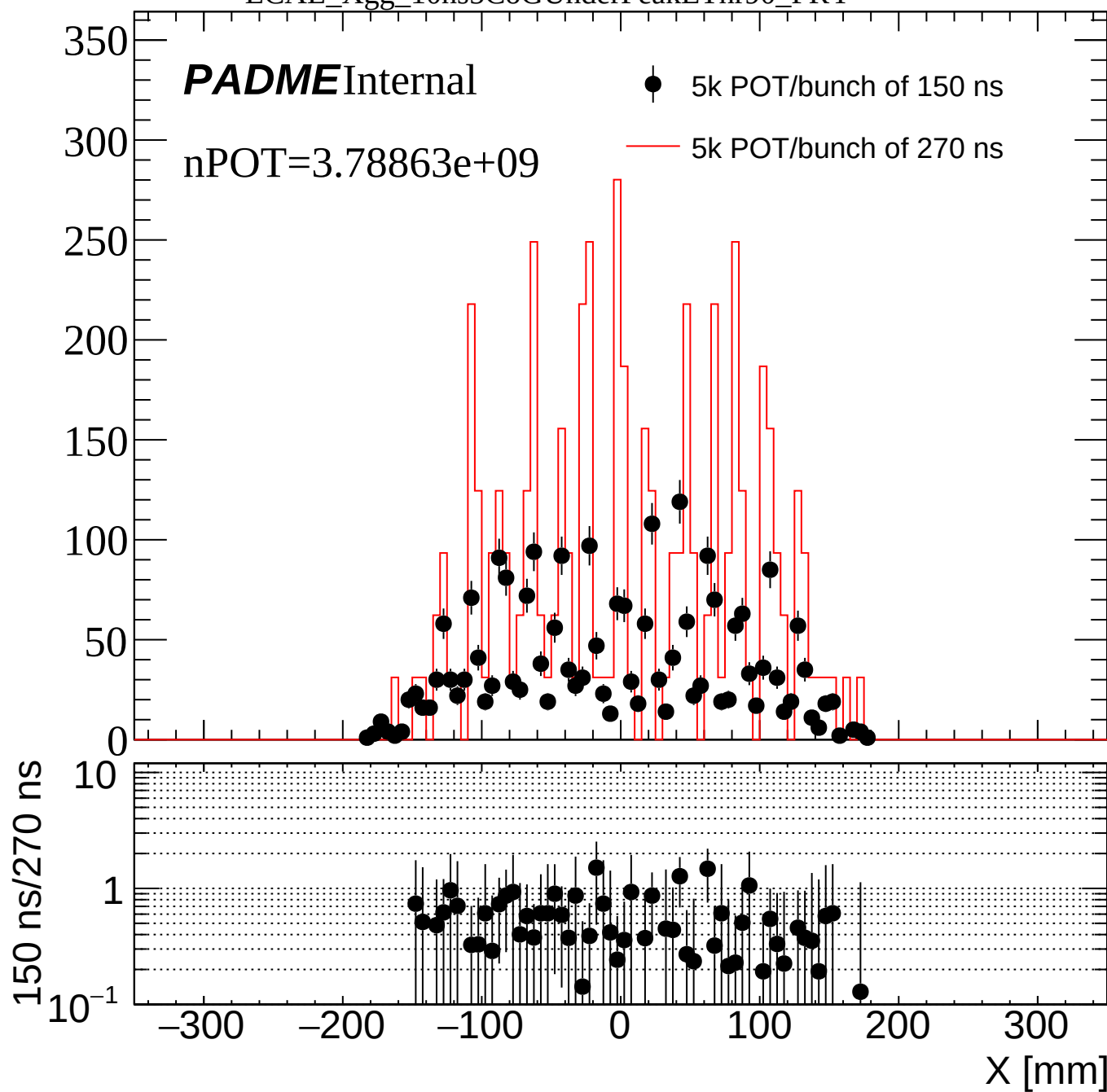
nPOT=3.78863e+09

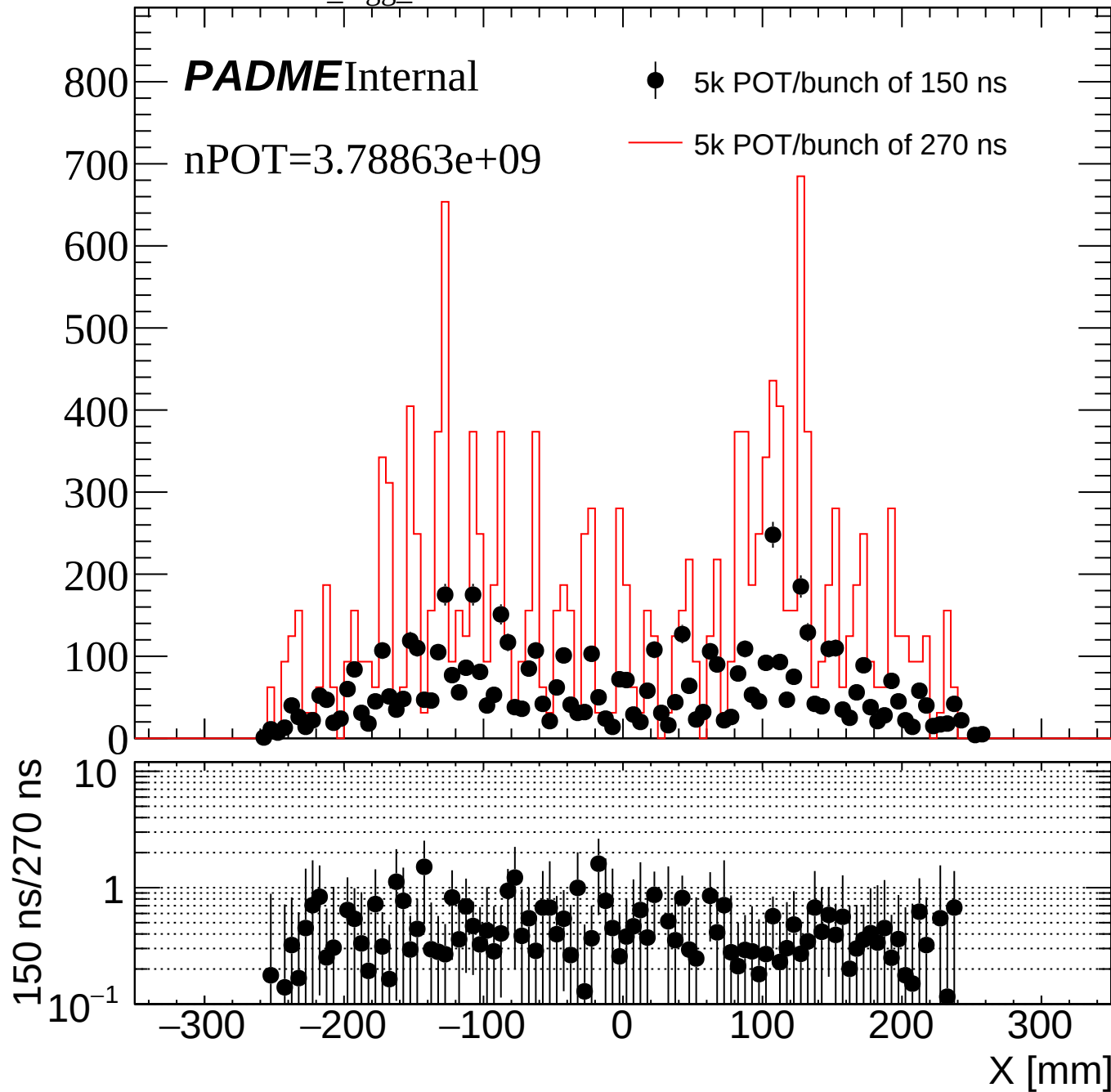
● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns

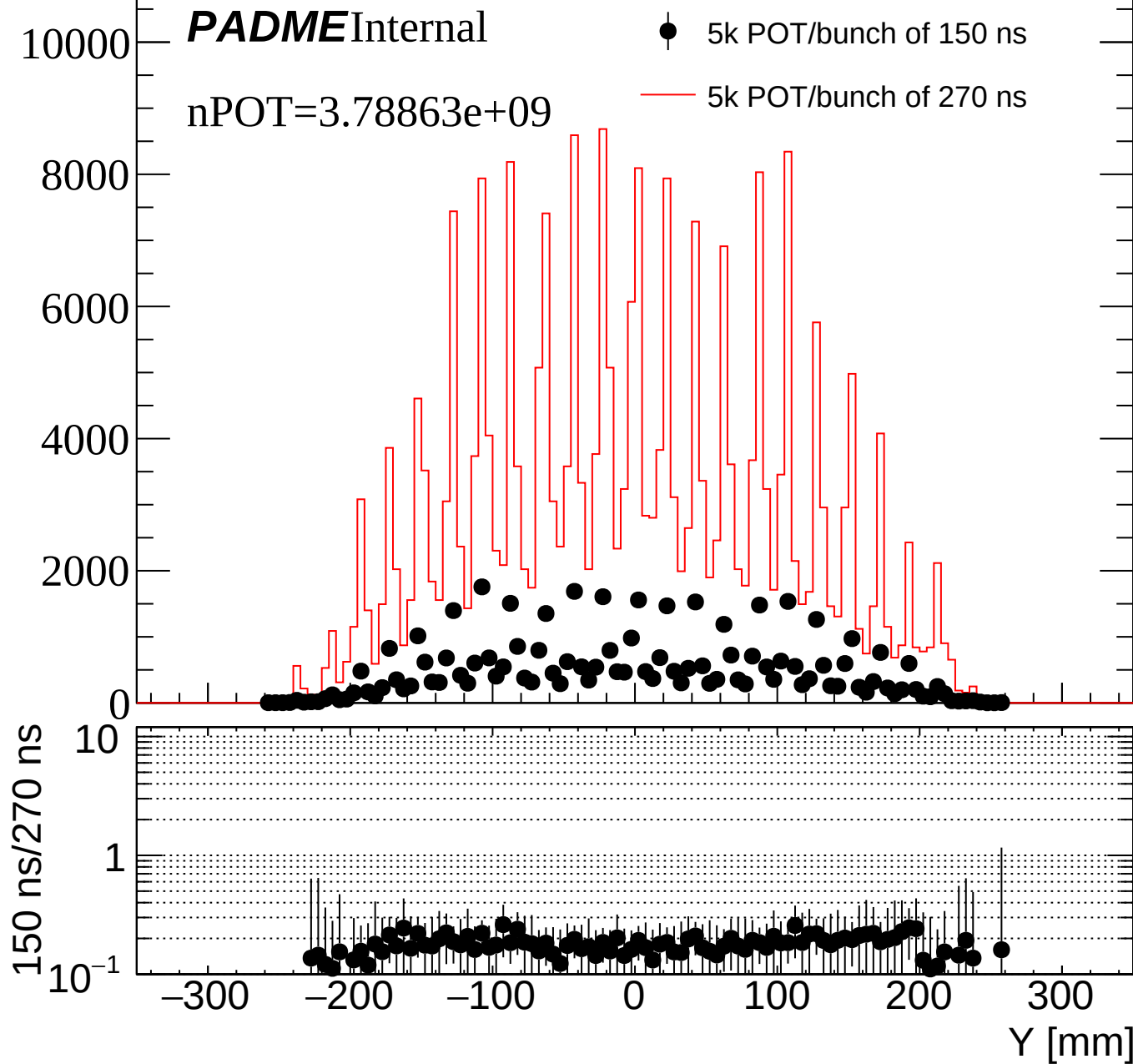




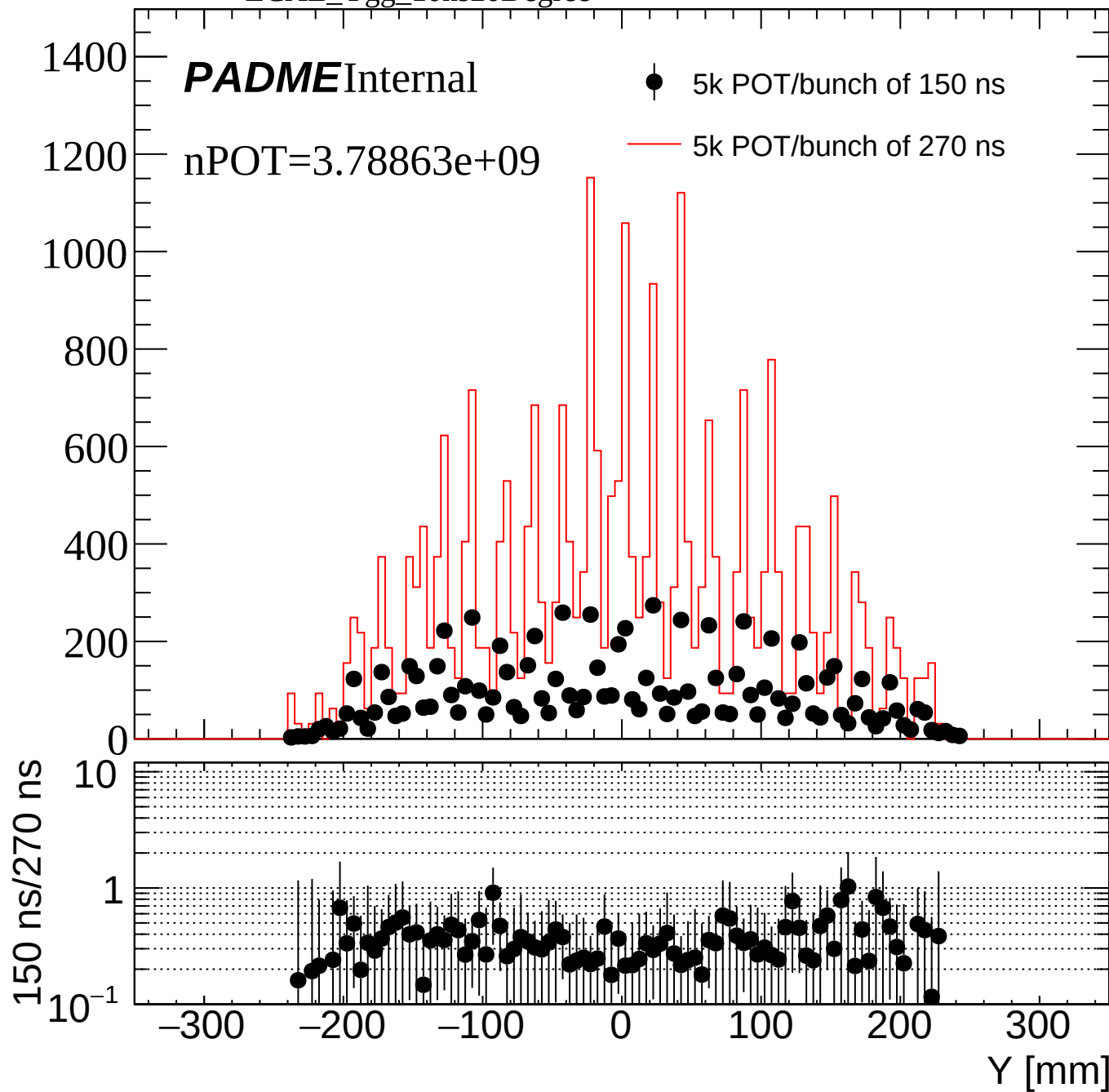




ECAL_Ygg_10ns



ECAL_Ygg_10ns20Degree

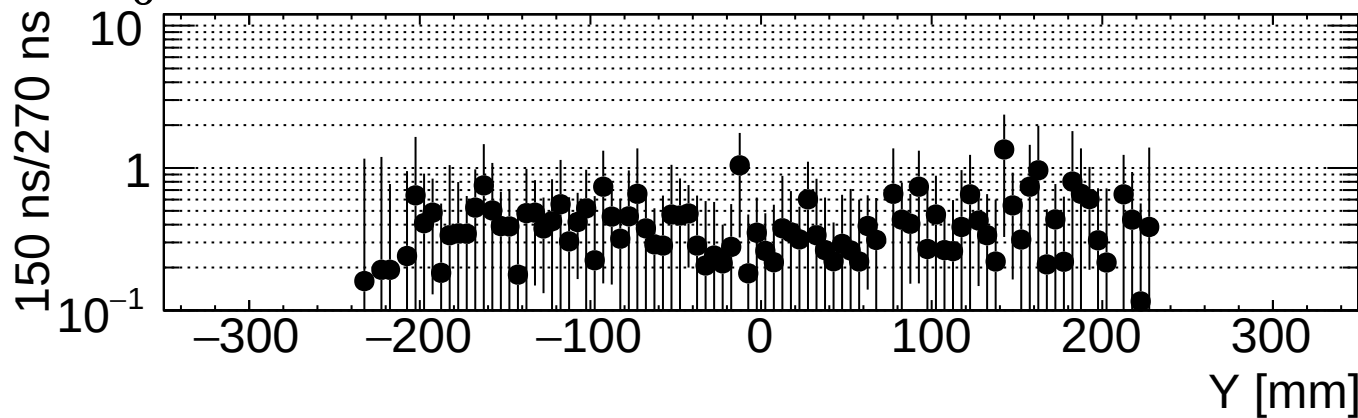


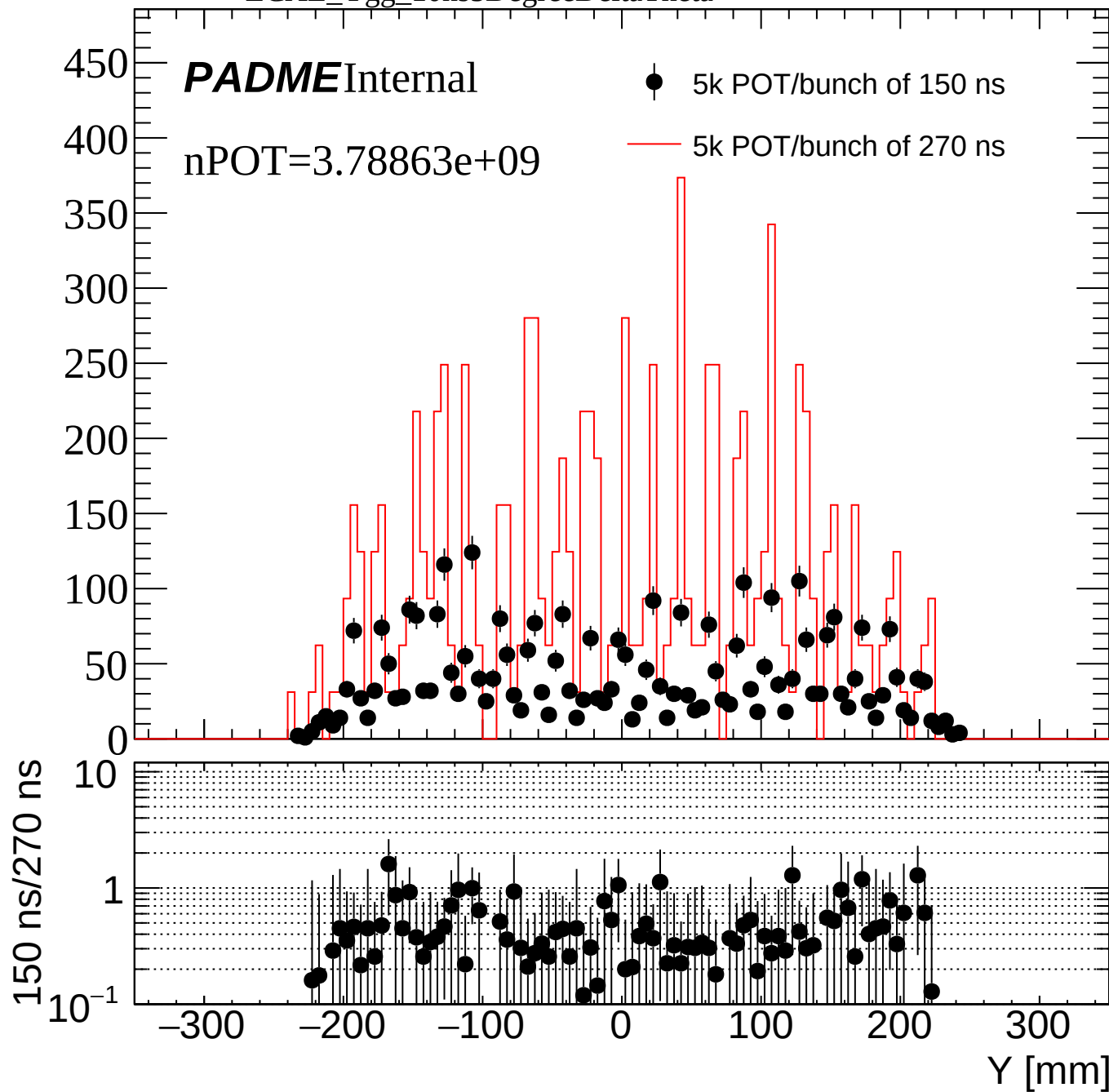
PADMEInternal

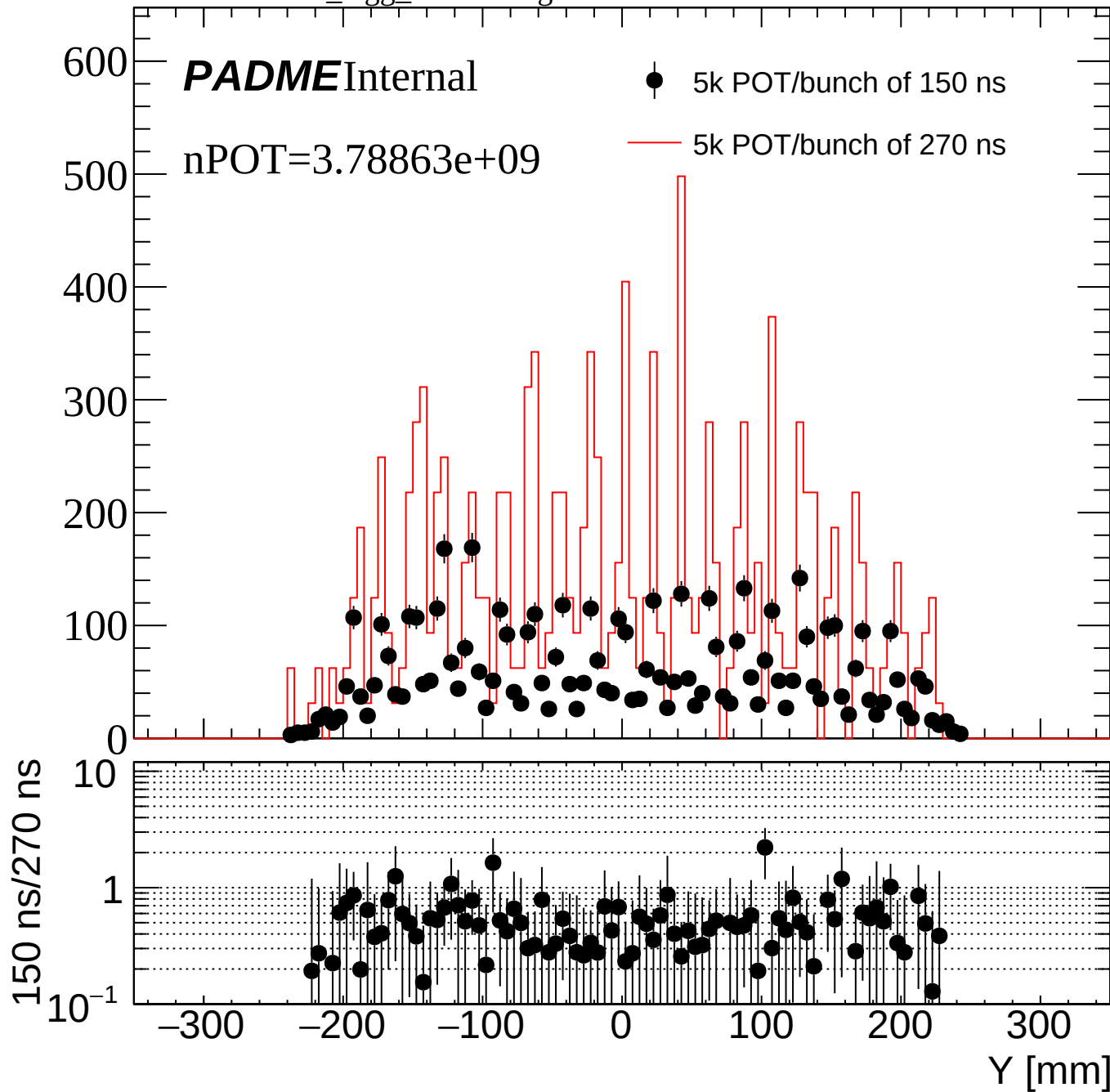
nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns







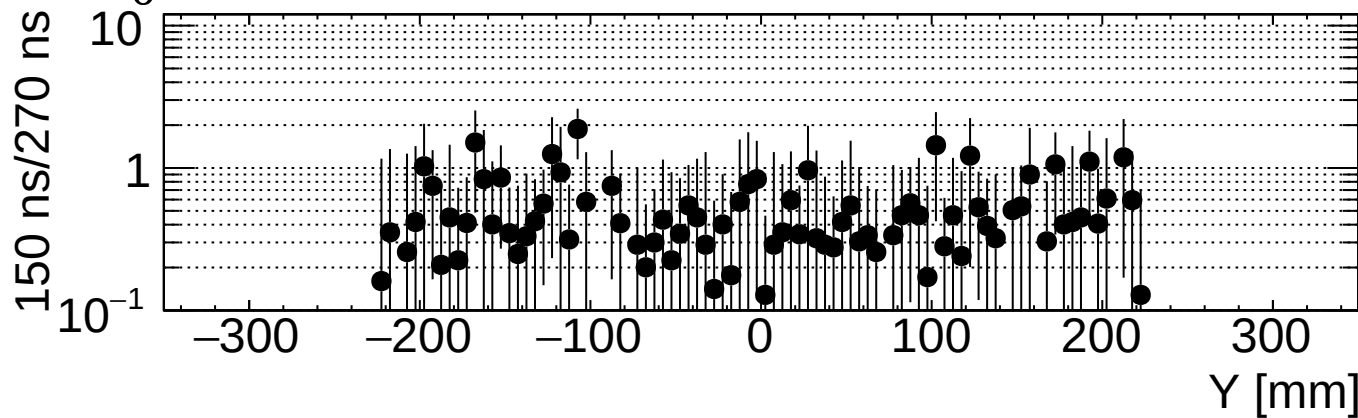
ECAL_Ygg_10ns5DegreeDeltaThetaUnderPeak

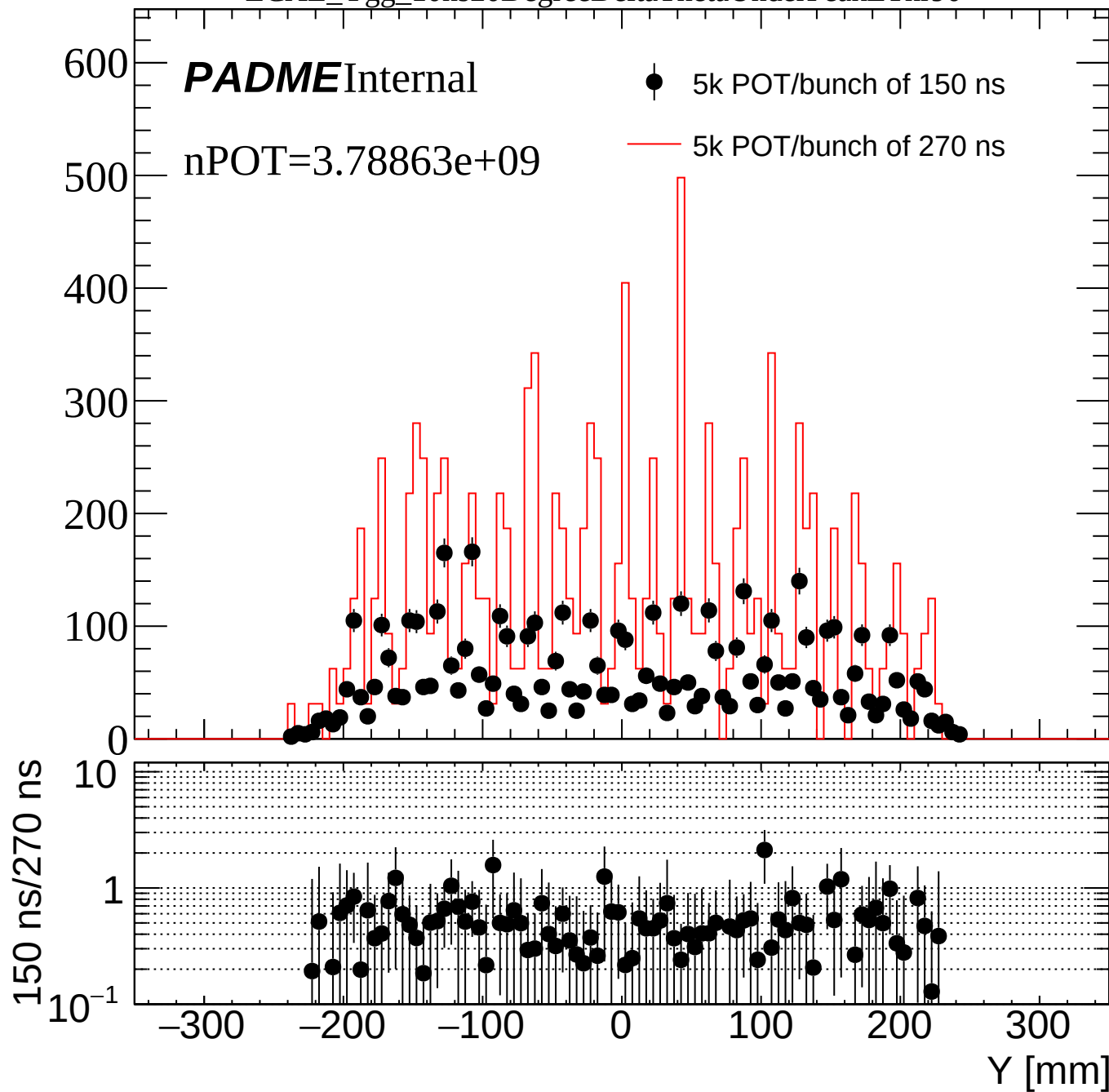
PADMEInternal

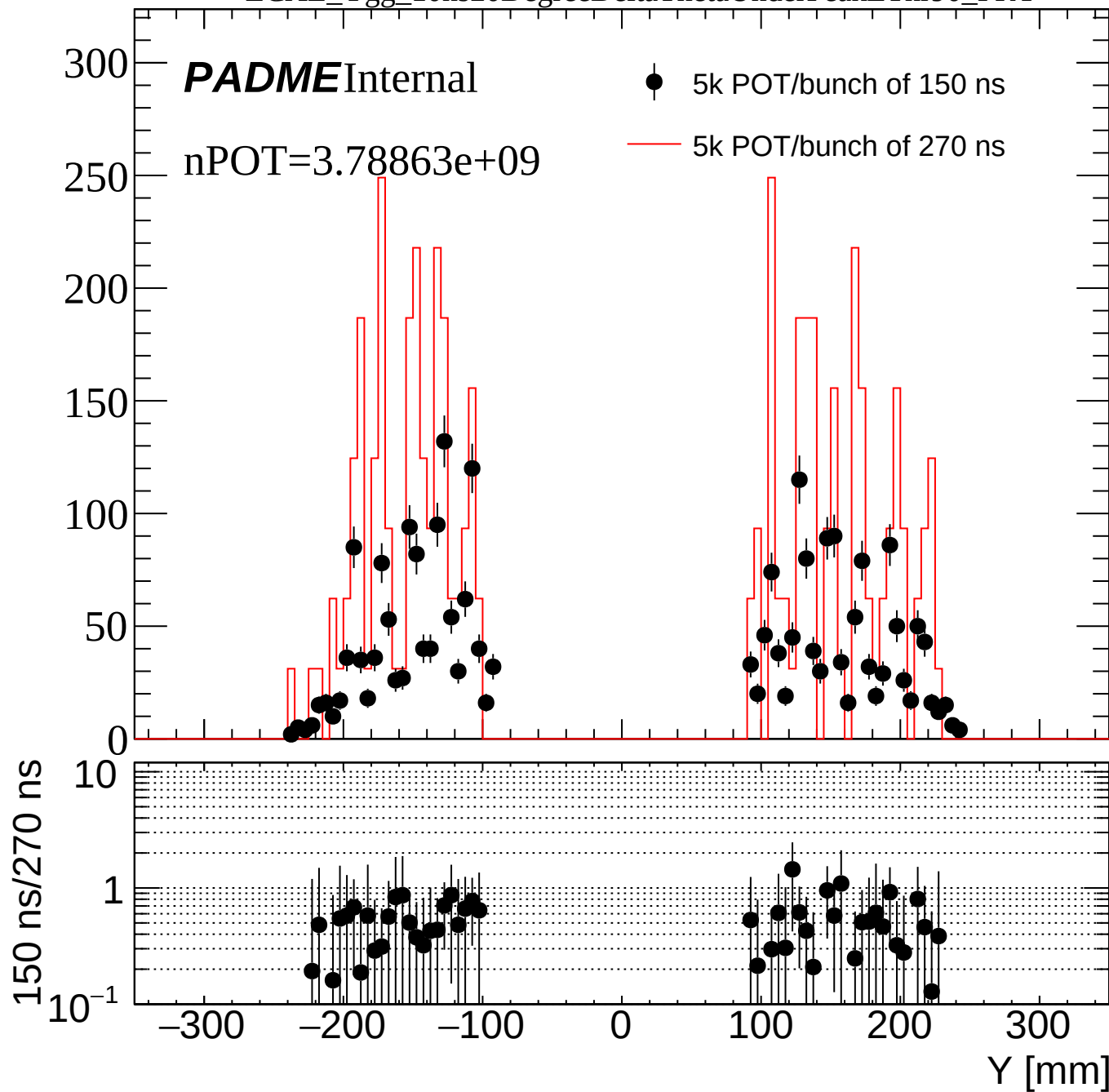
nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns







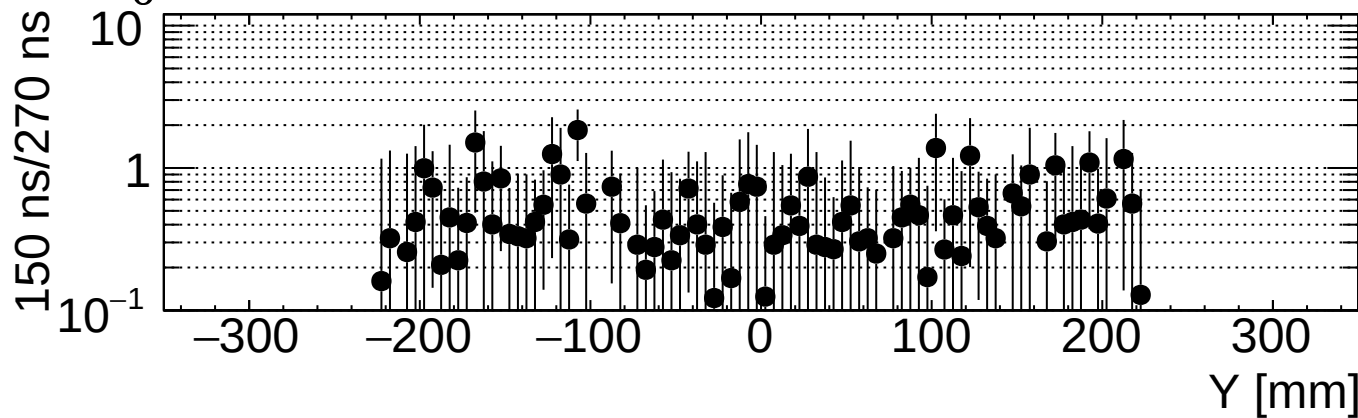
ECAL_Ygg_10ns5DegreeDeltaThetaUnderPeakEThr90

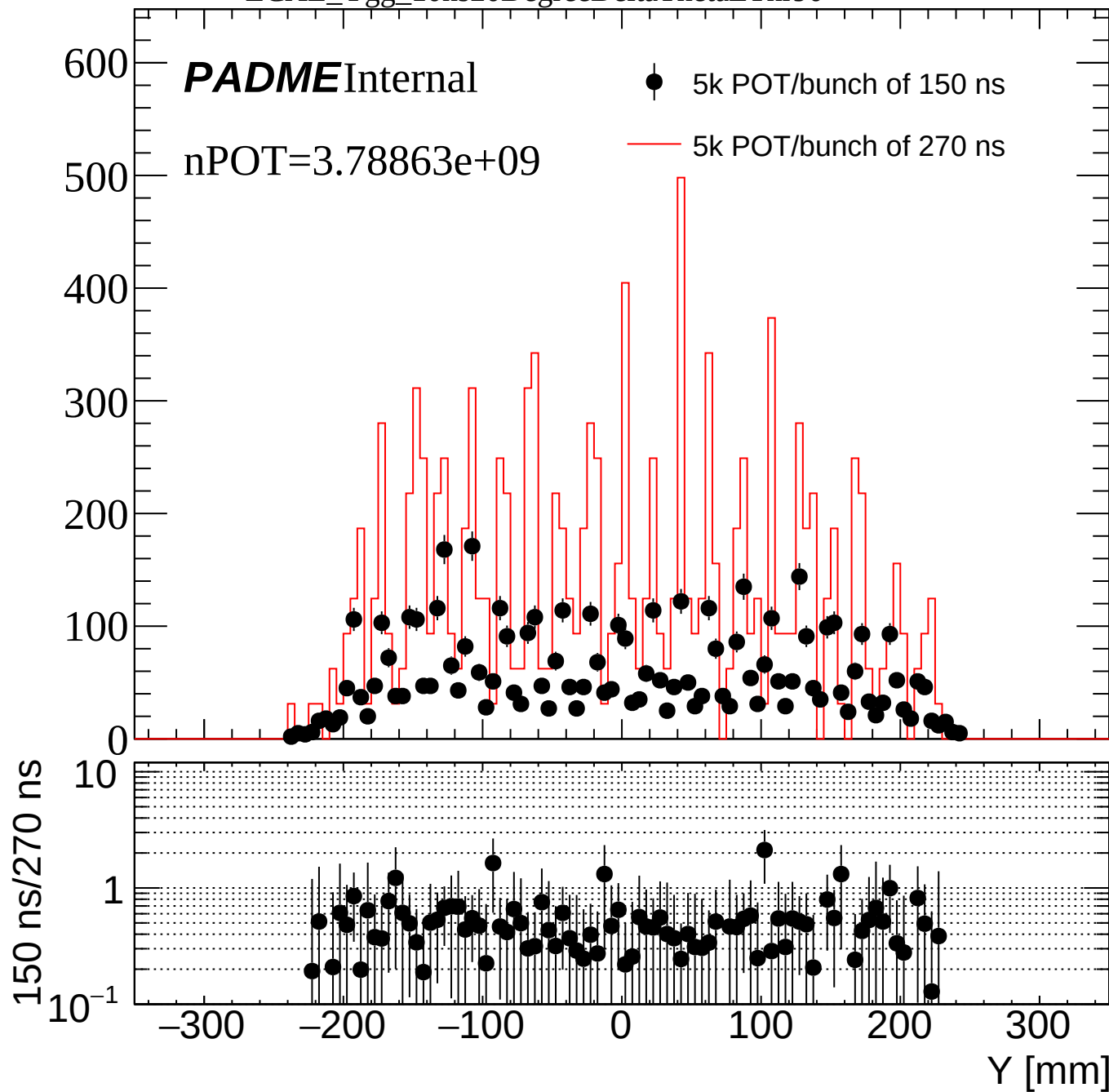
PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns





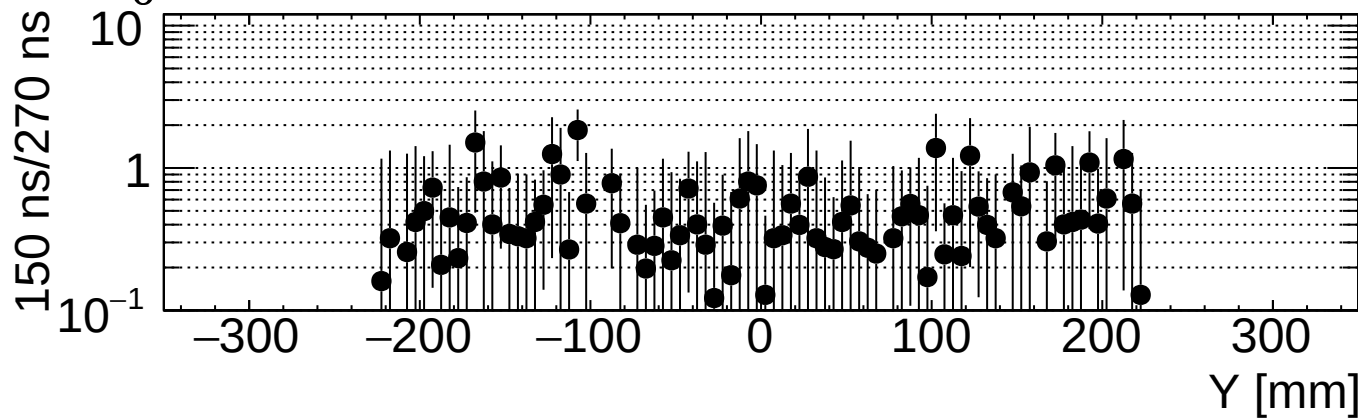
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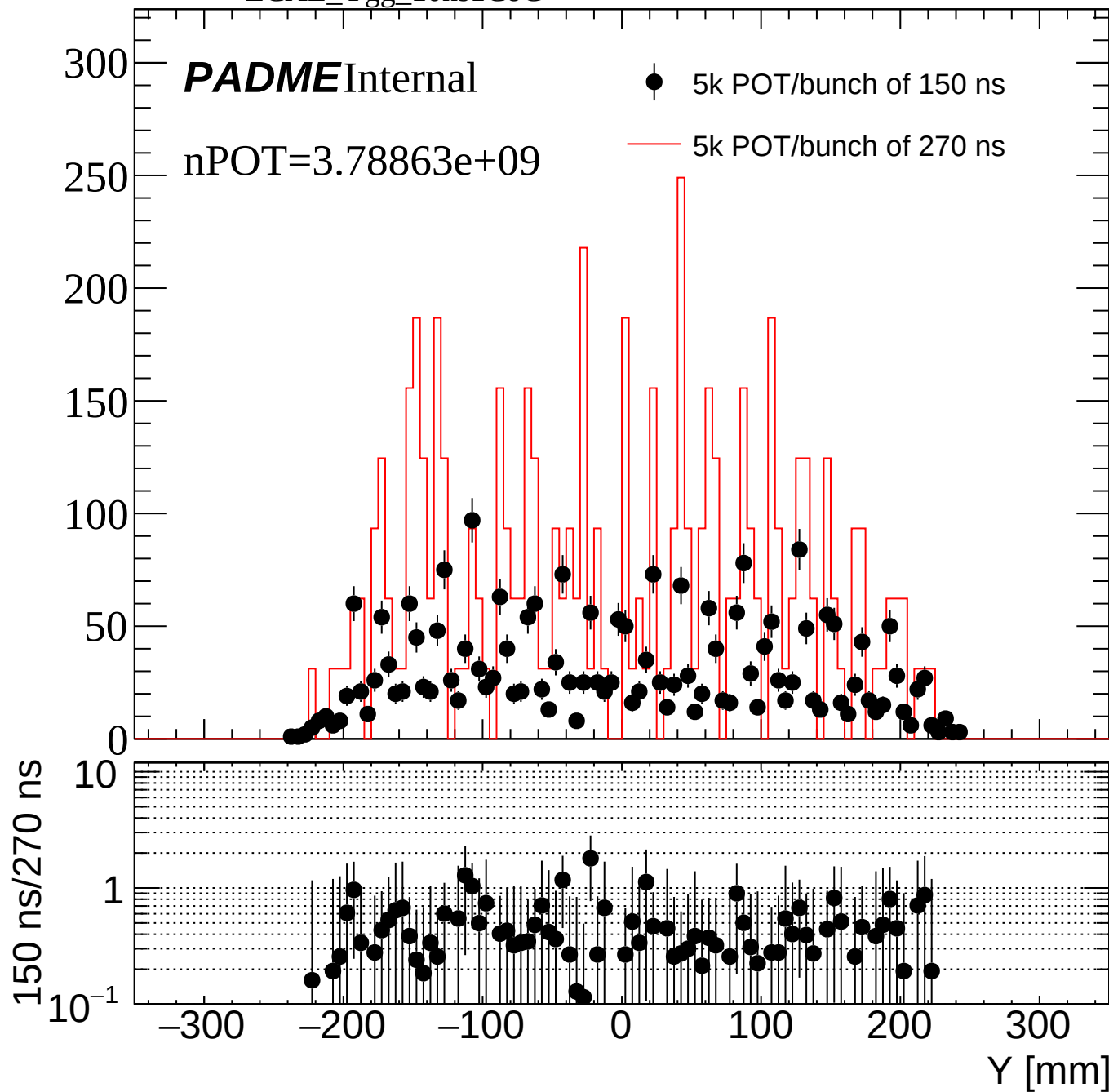
PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns





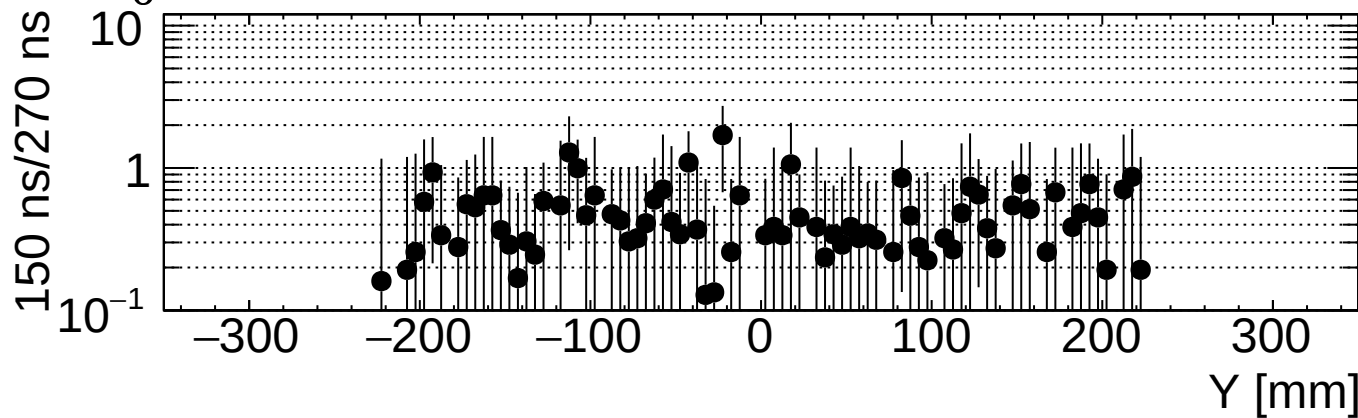
ECAL_Ygg_10ns1CoGUnderPeak

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



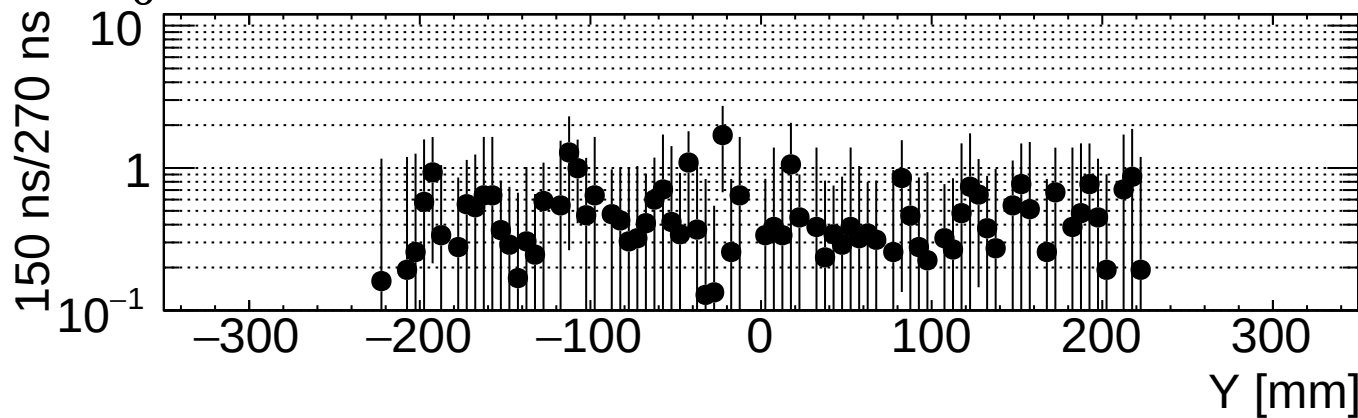
ECAL_Ygg_10ns1CoGUnderPeakEThr90

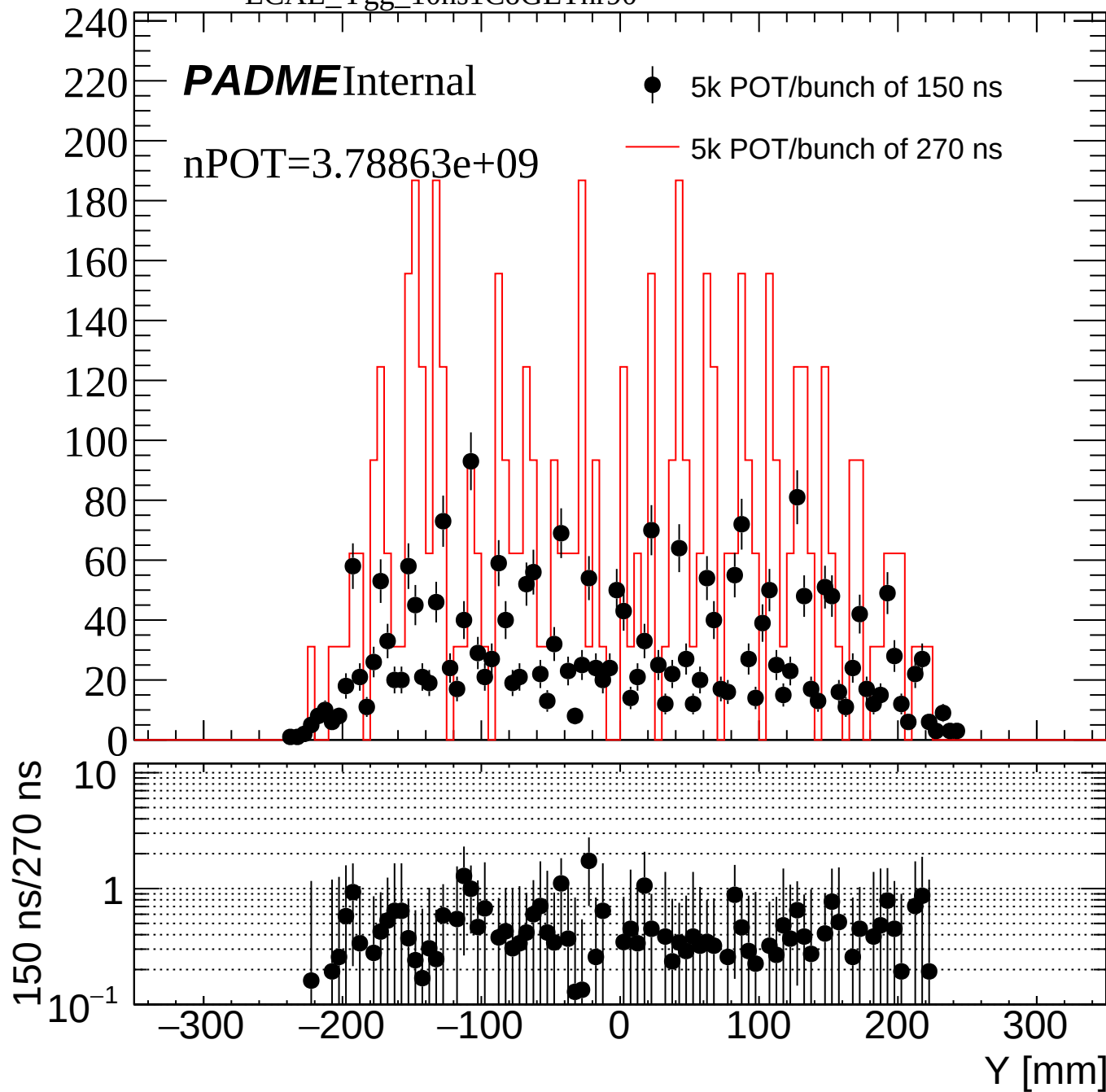
PADMEInternal

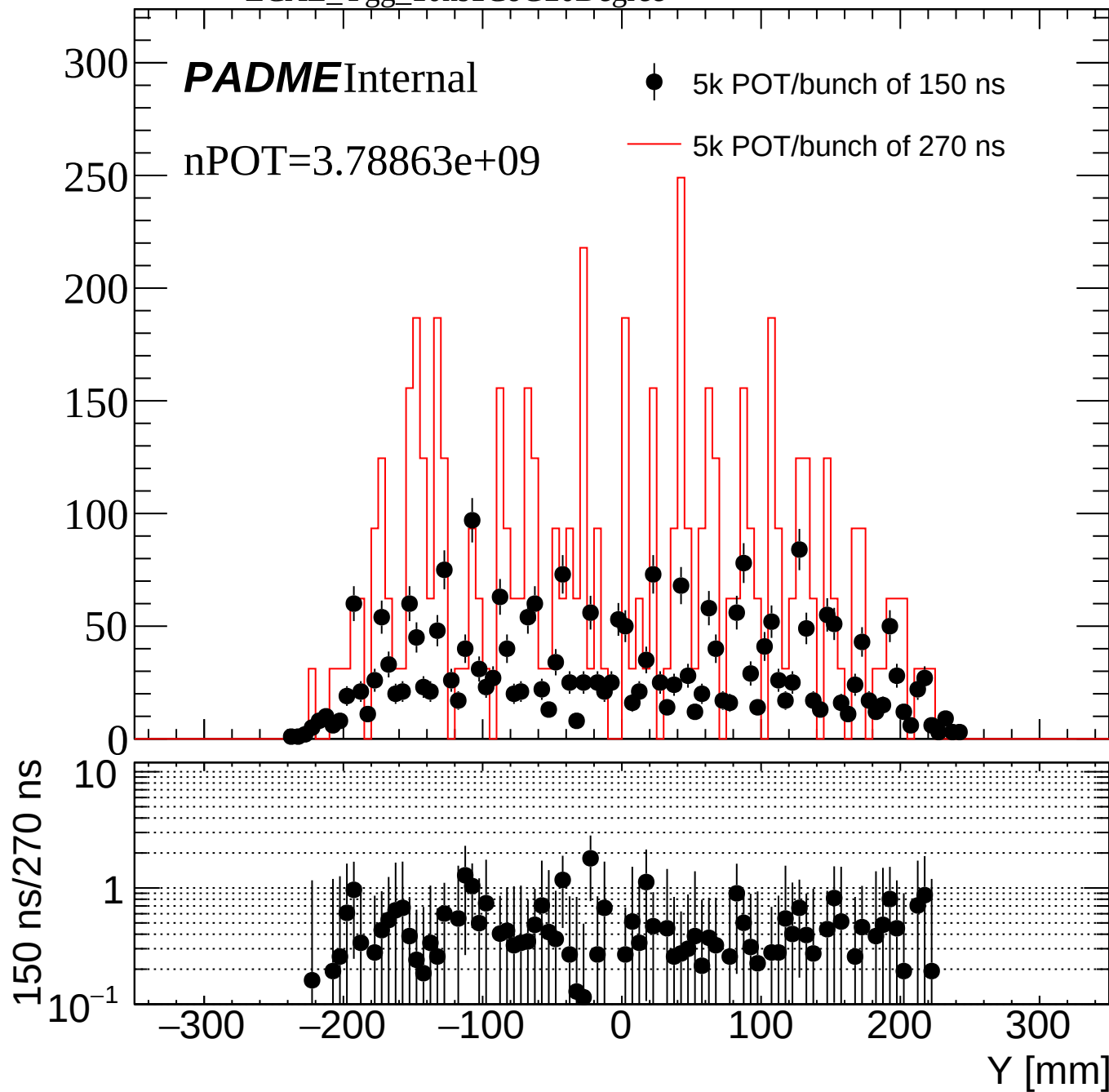
nPOT=3.78863e+09

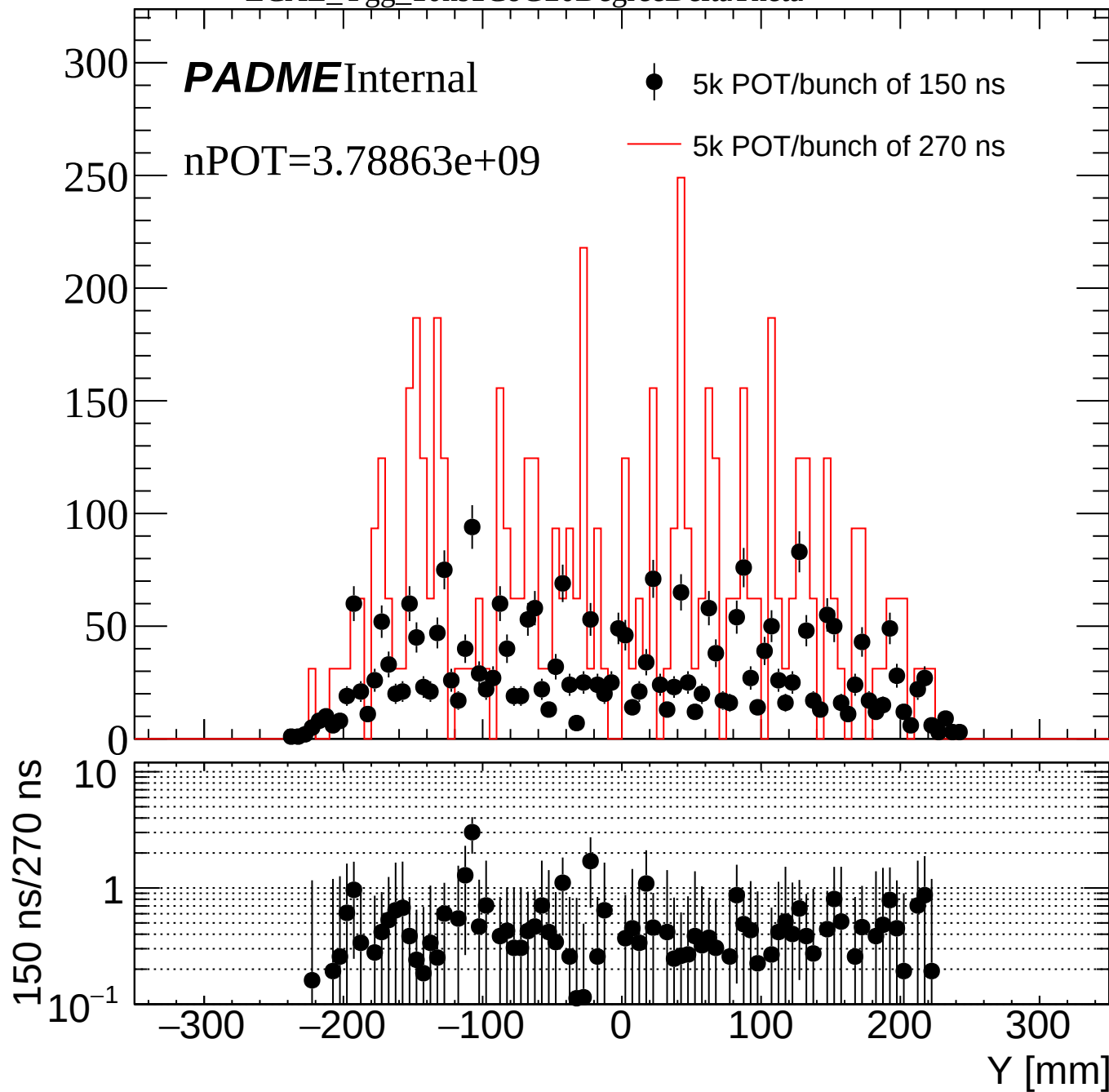
● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns









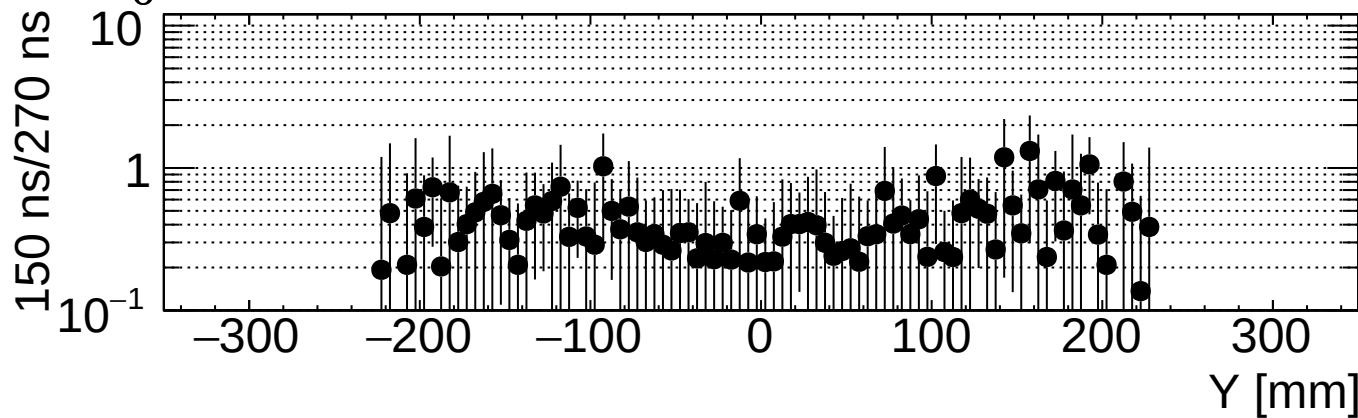
ECAL_Ygg_10ns3CoG

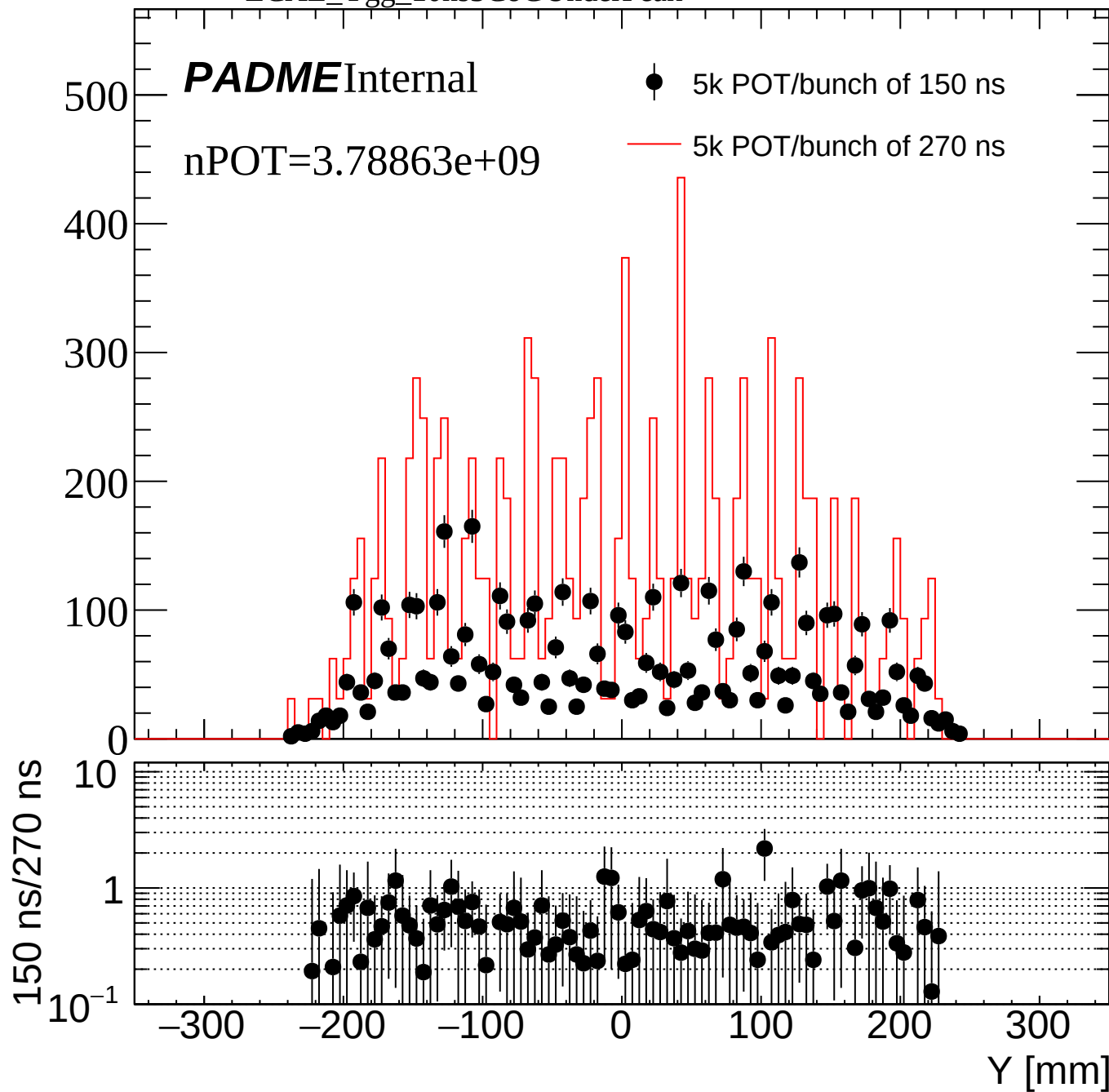
PADMEInternal

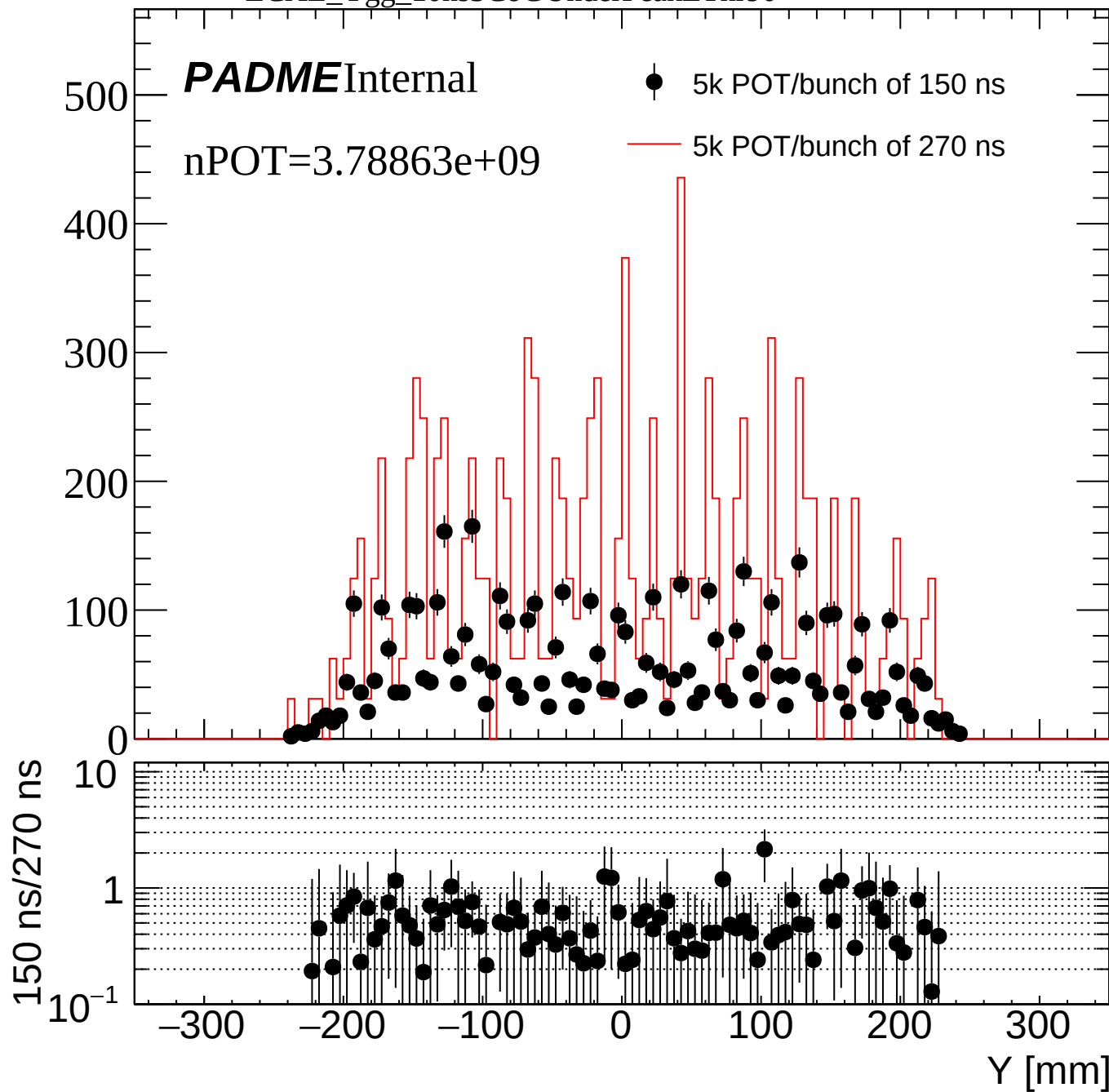
nPOT=3.78863e+09

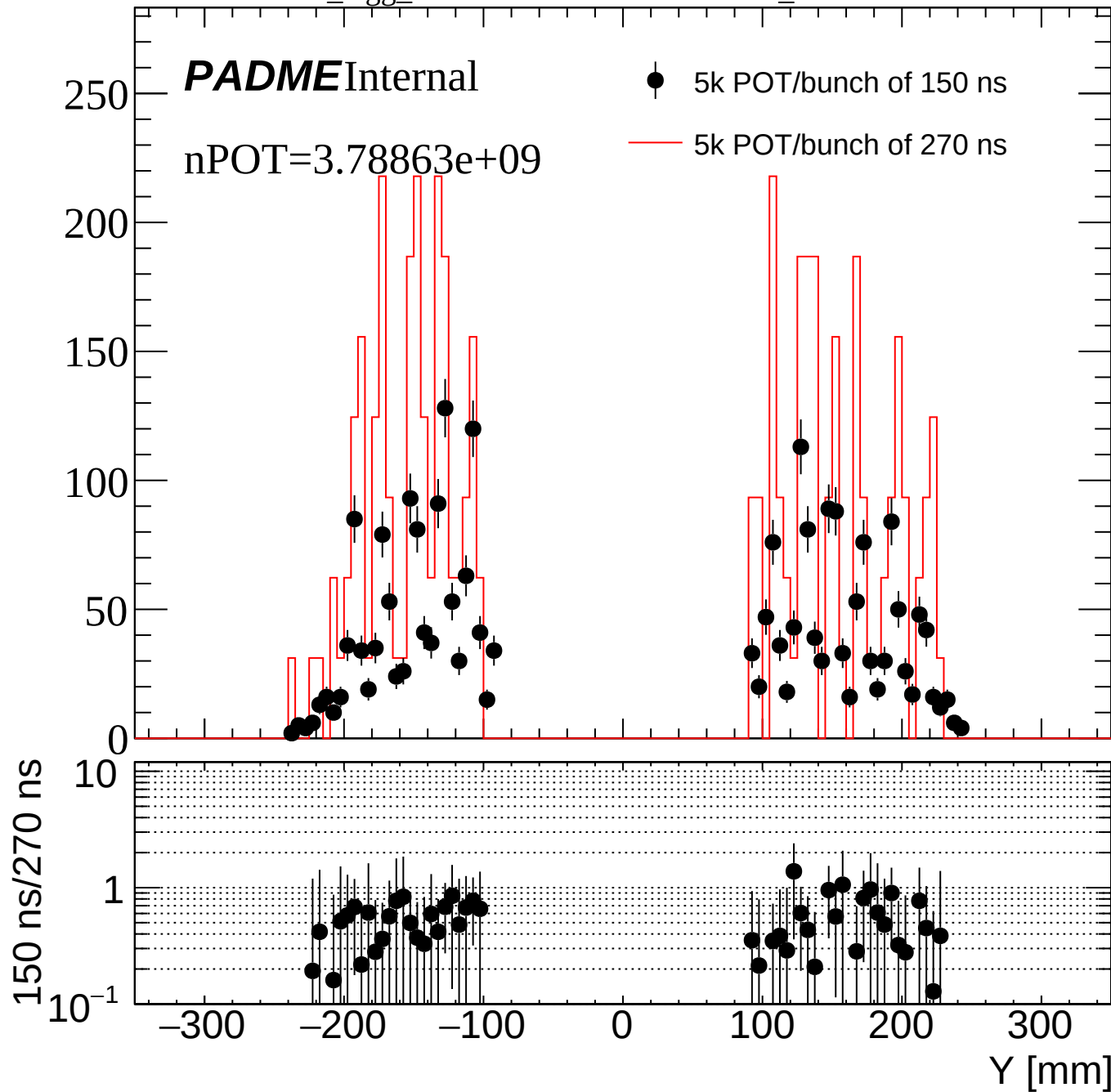
● 5k POT/bunch of 150 ns

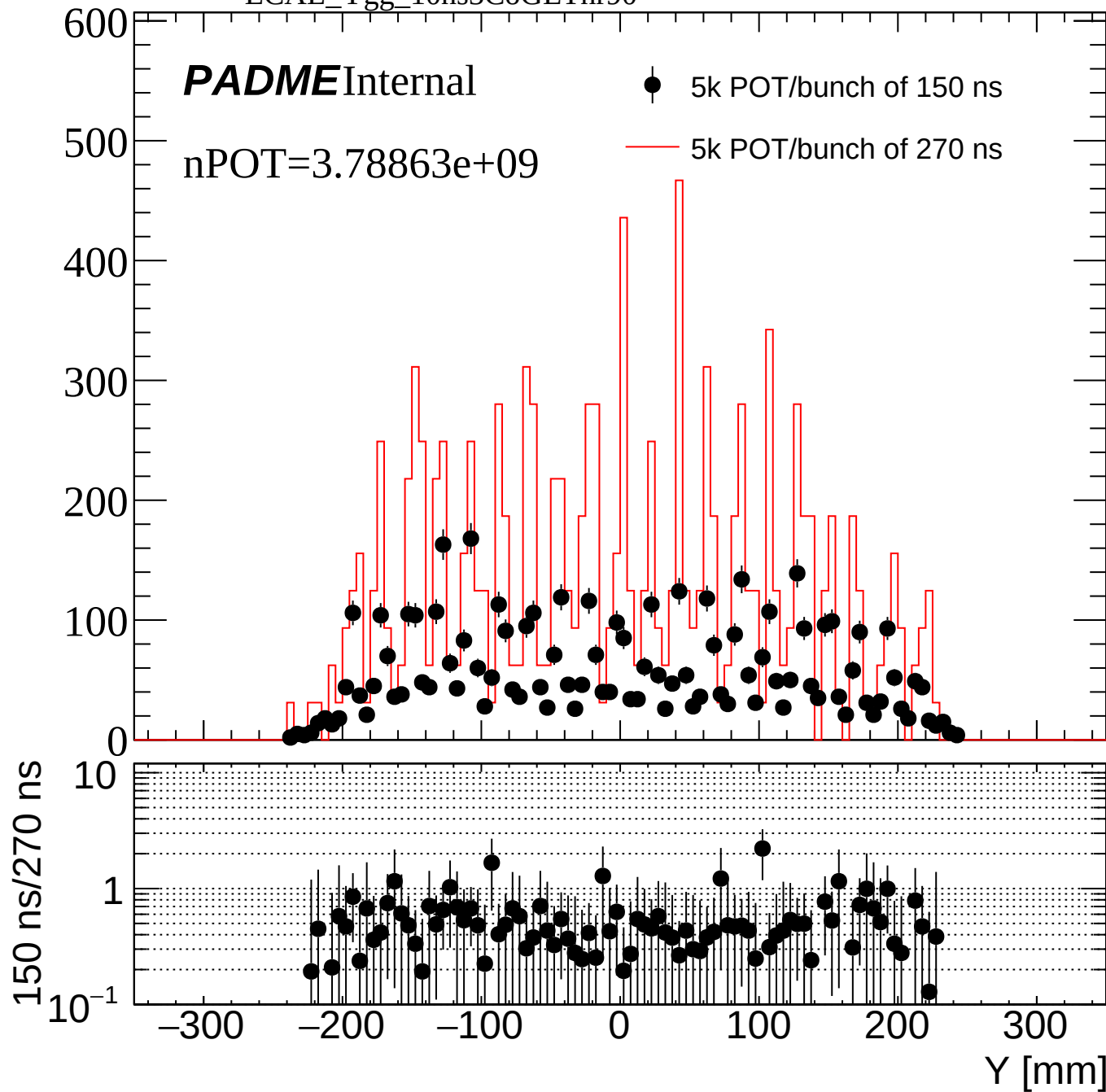
— 5k POT/bunch of 270 ns

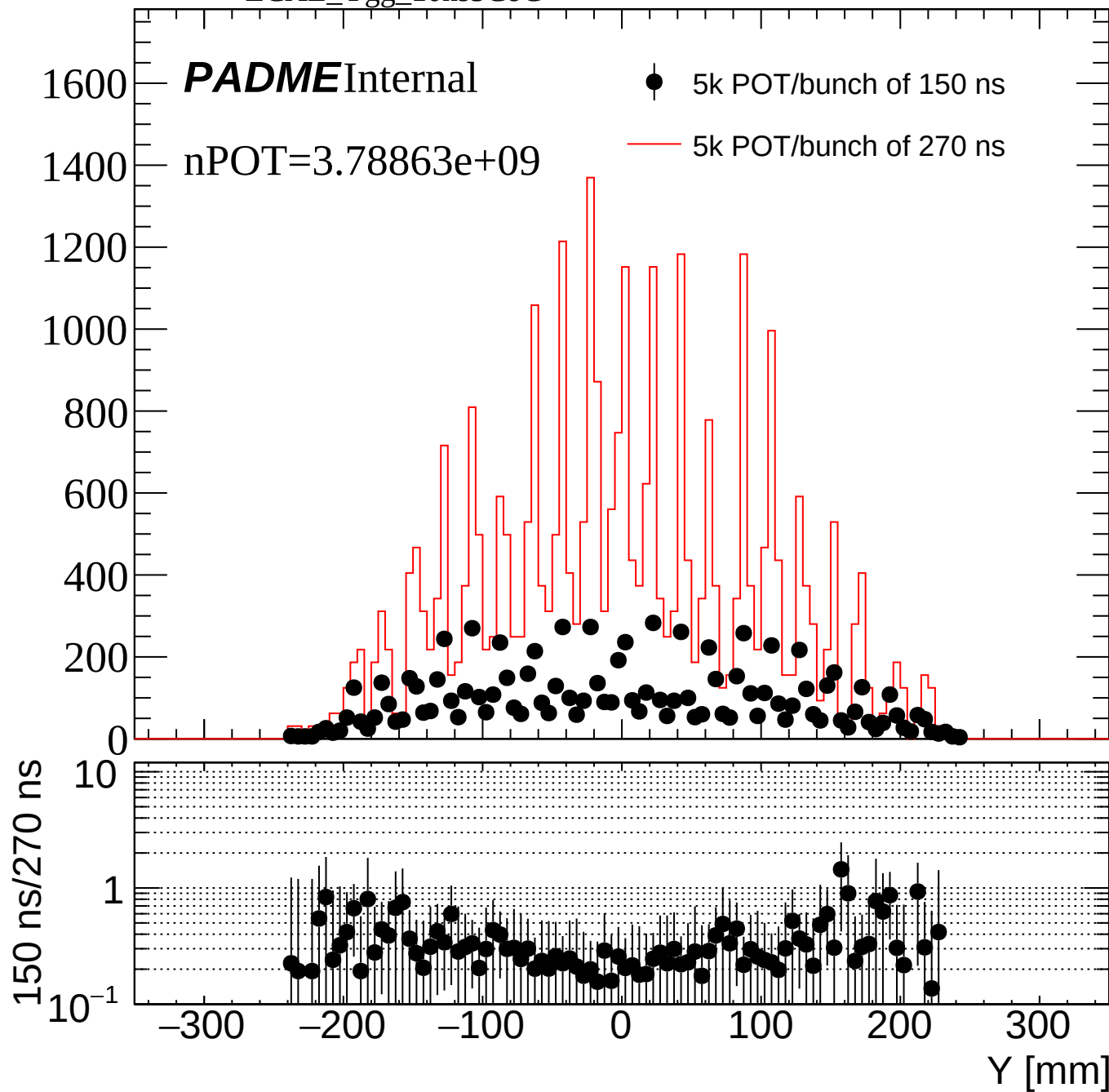


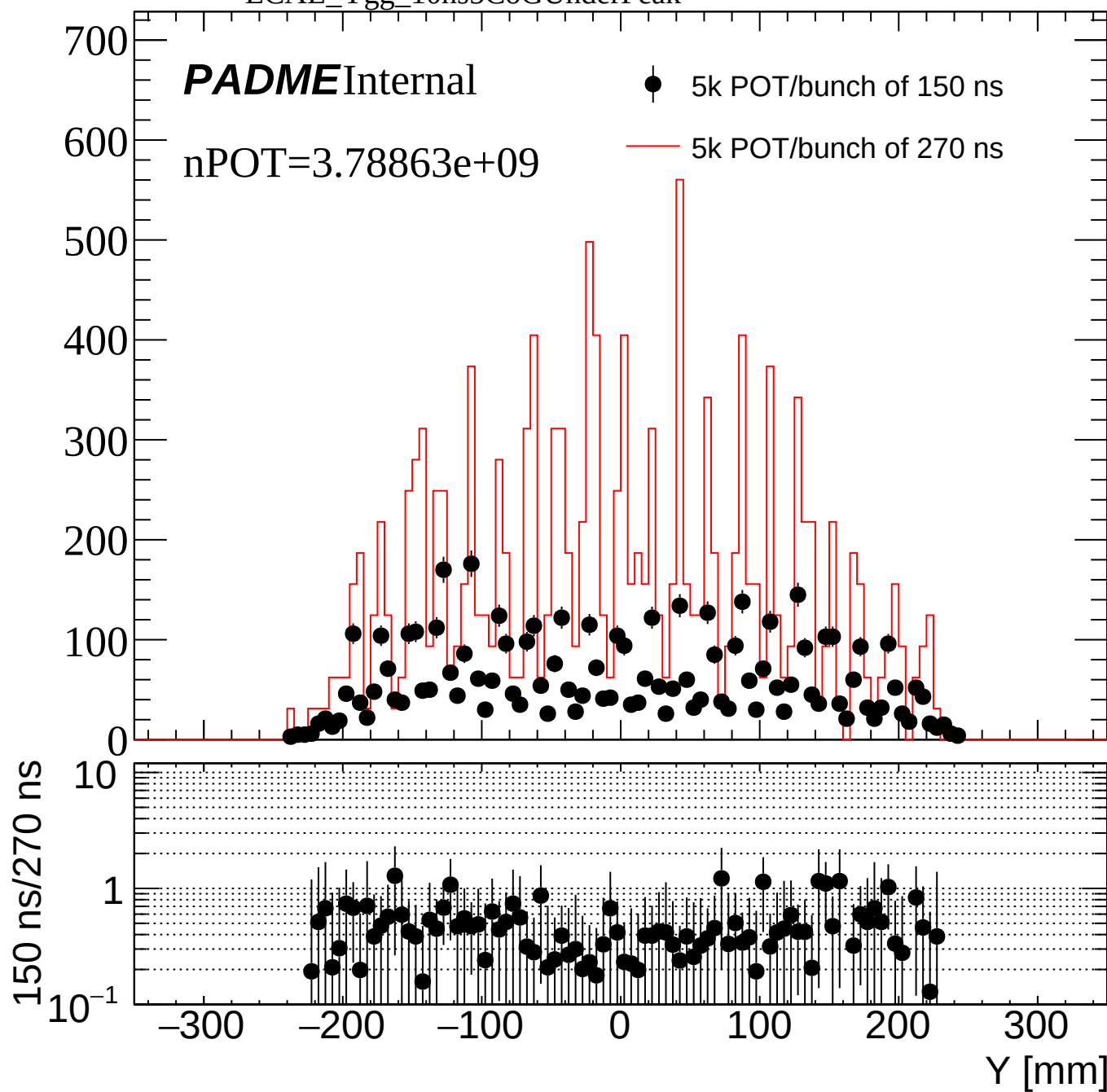


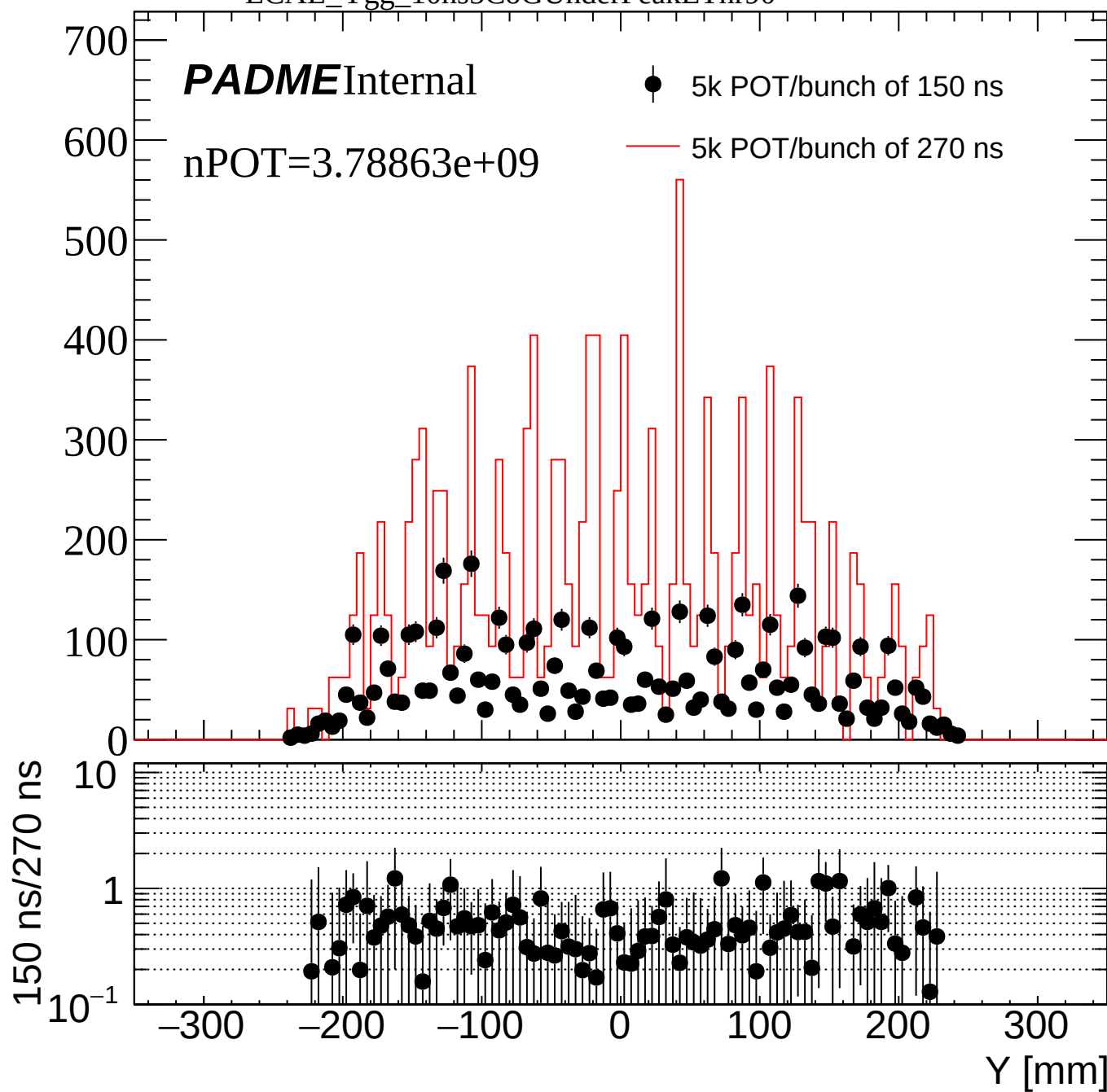


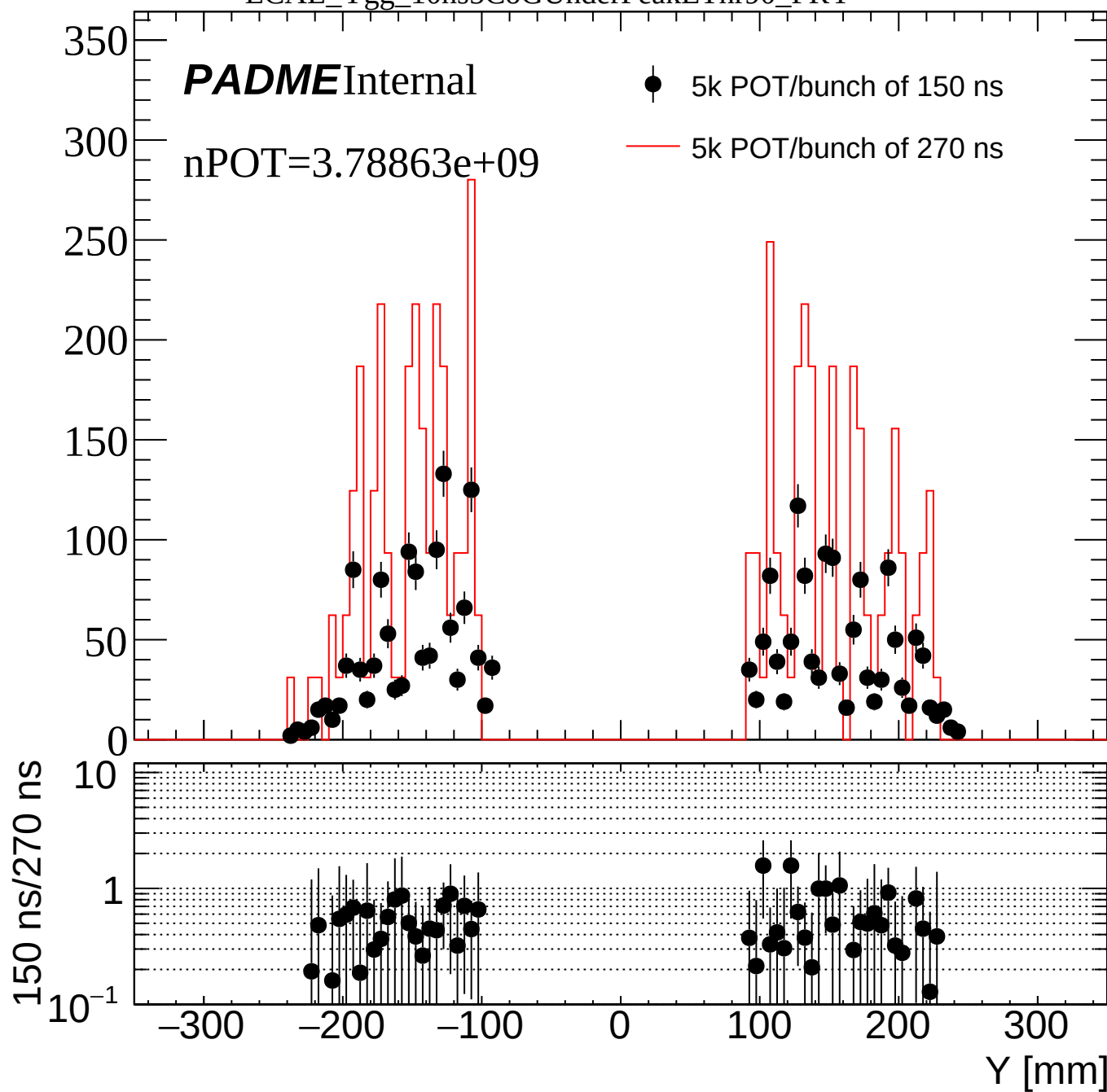


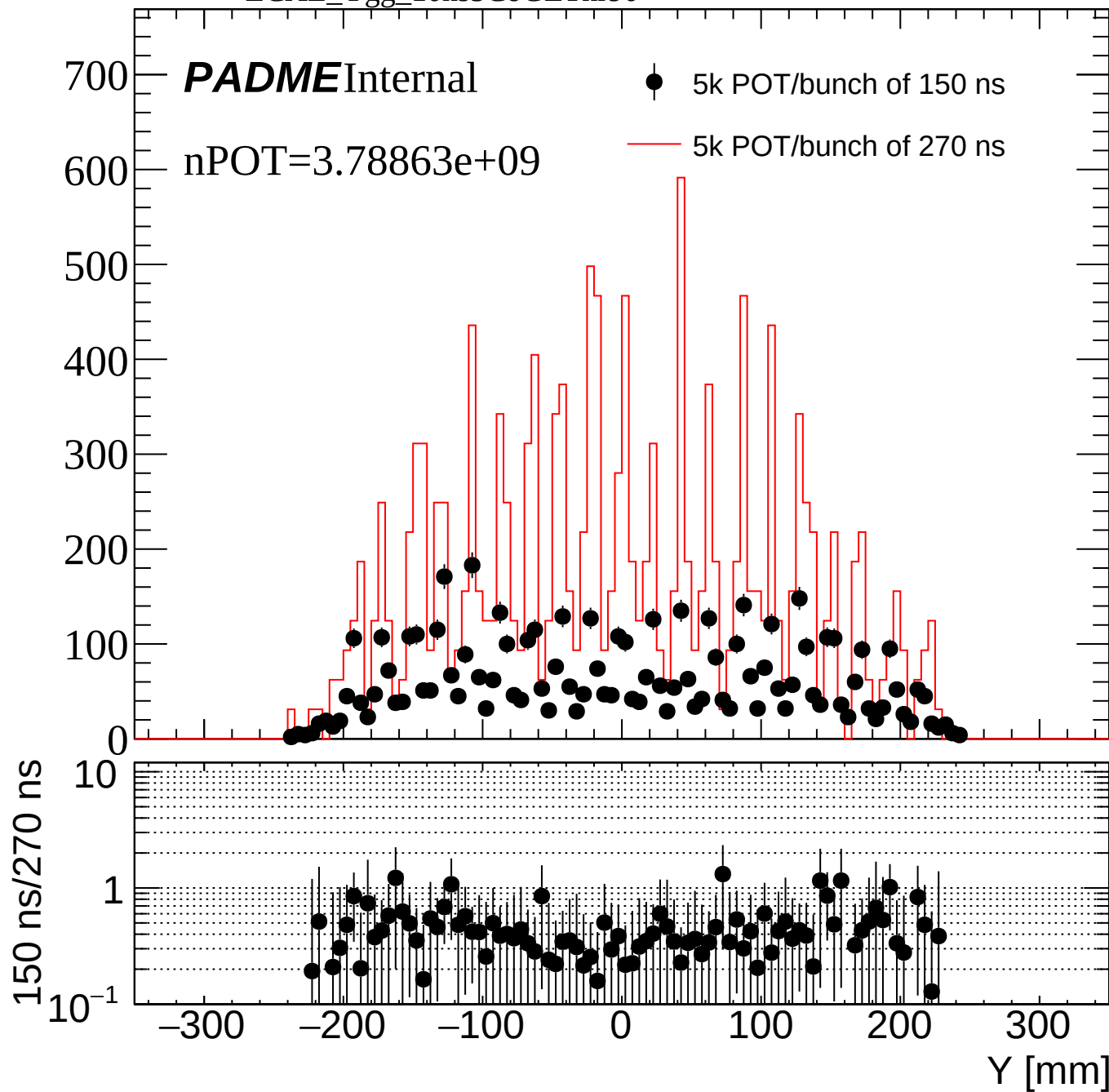


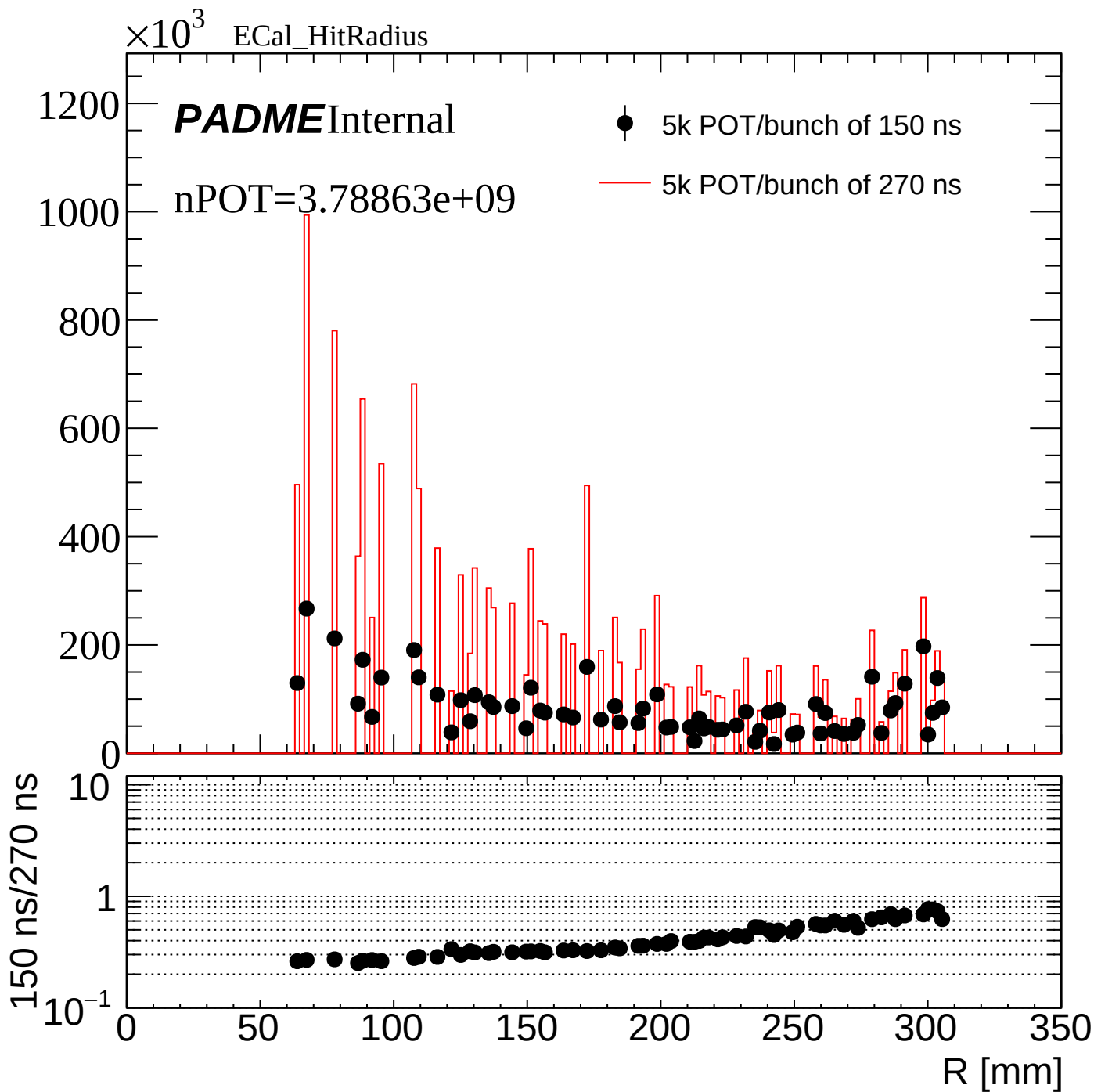












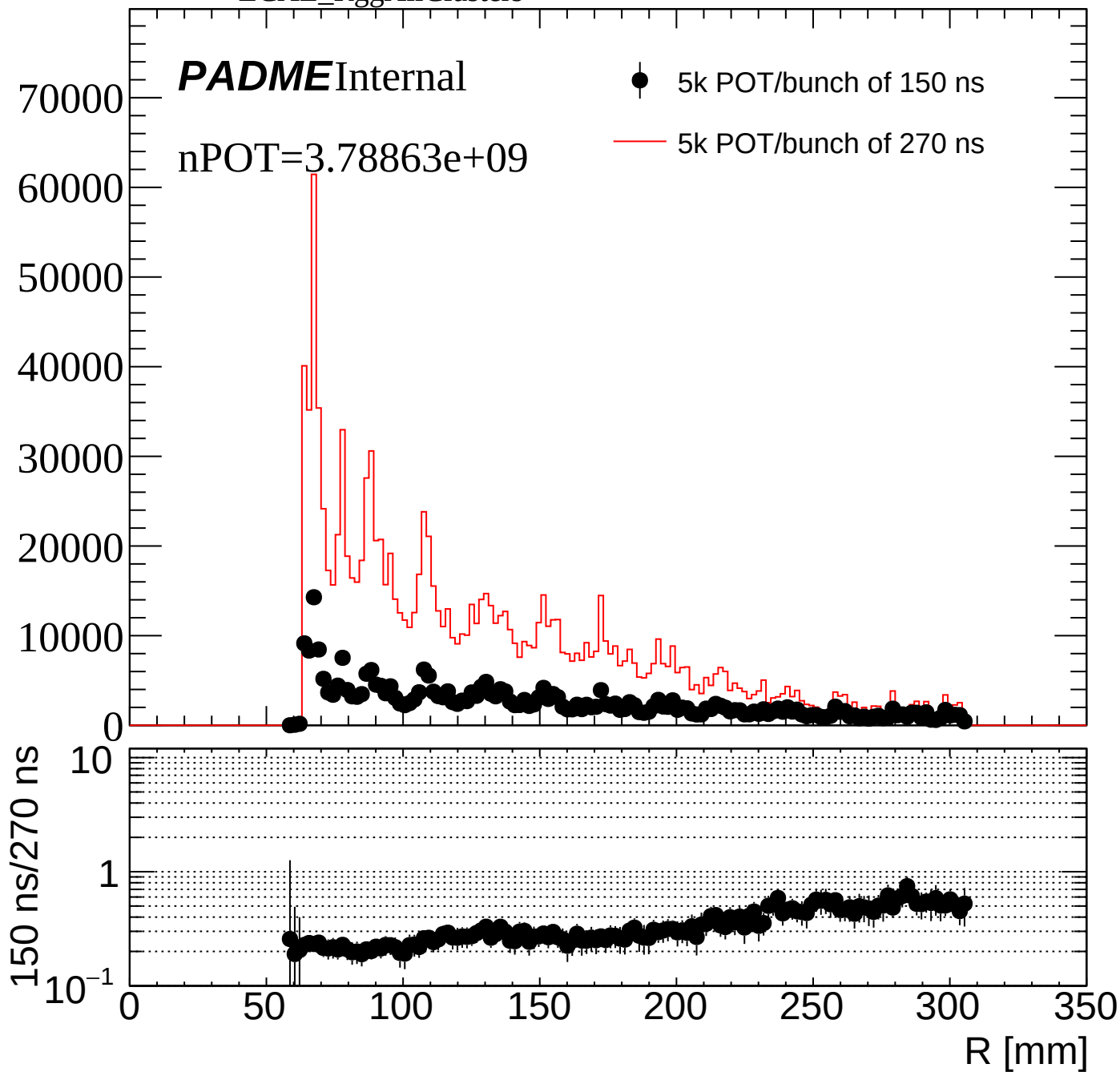
ECAL_RggAllClusters

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



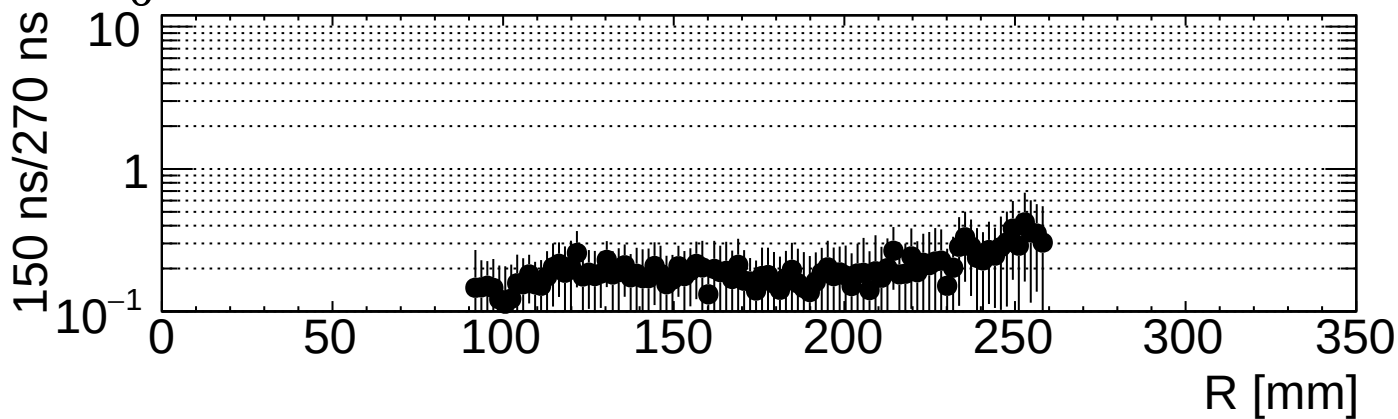
ECAL_Rgg_10ns

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



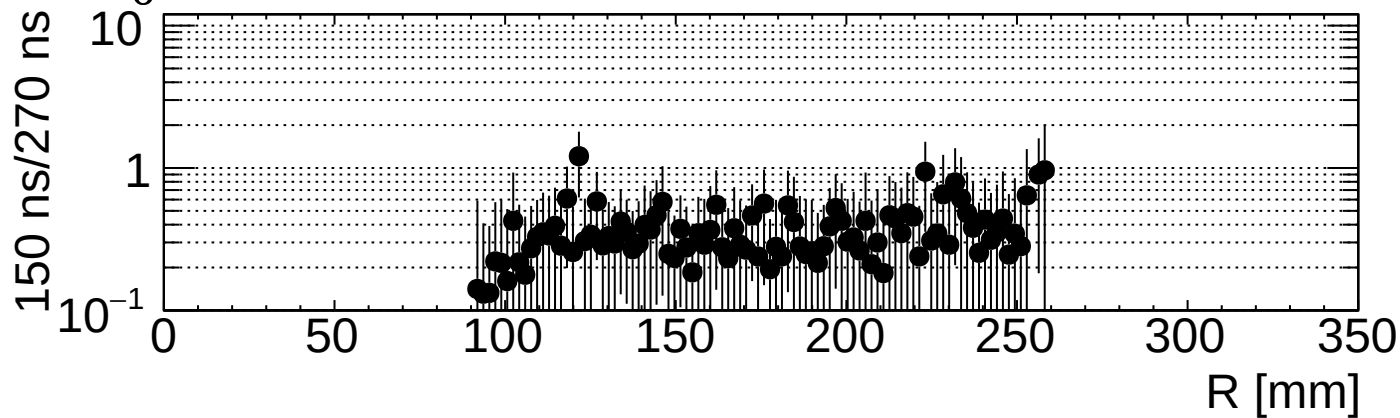
ECAL_Rgg_10ns20Degree

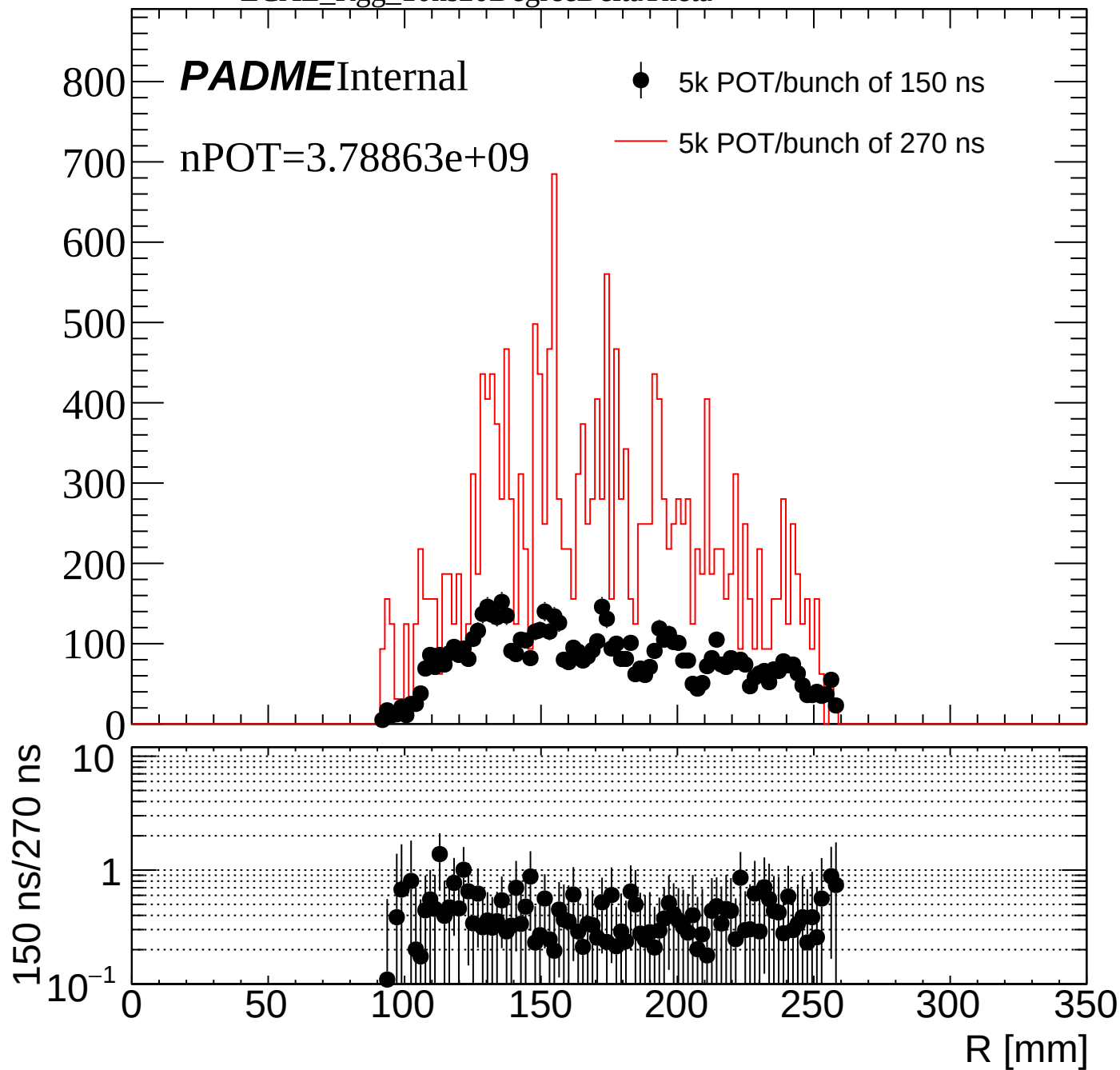
PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns





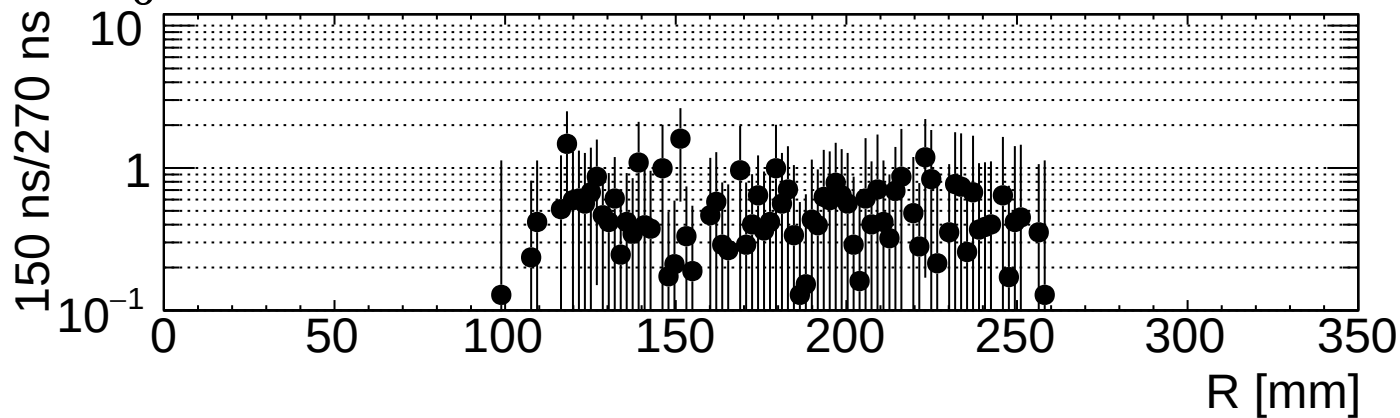
ECAL_Rgg_10ns1CoG

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns

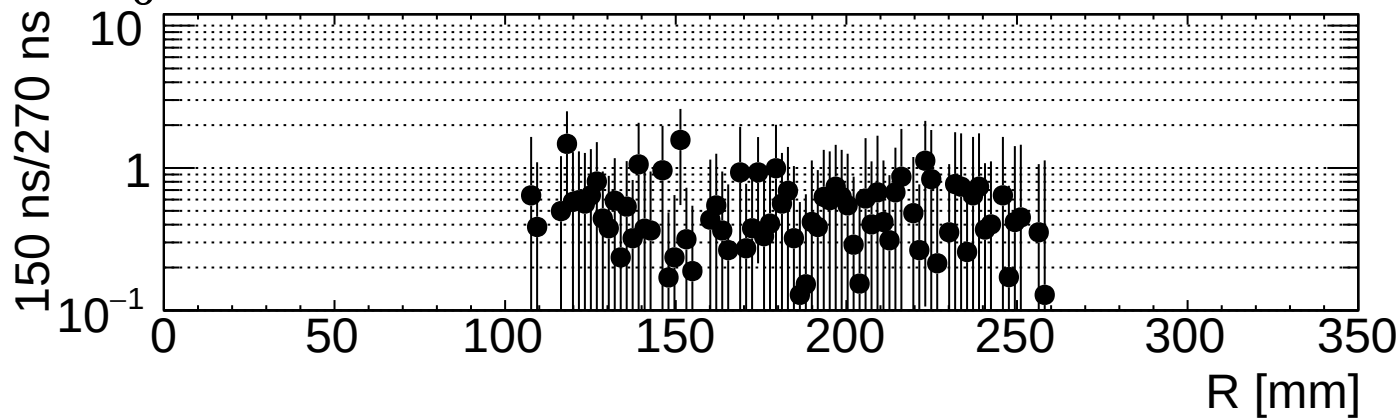


PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



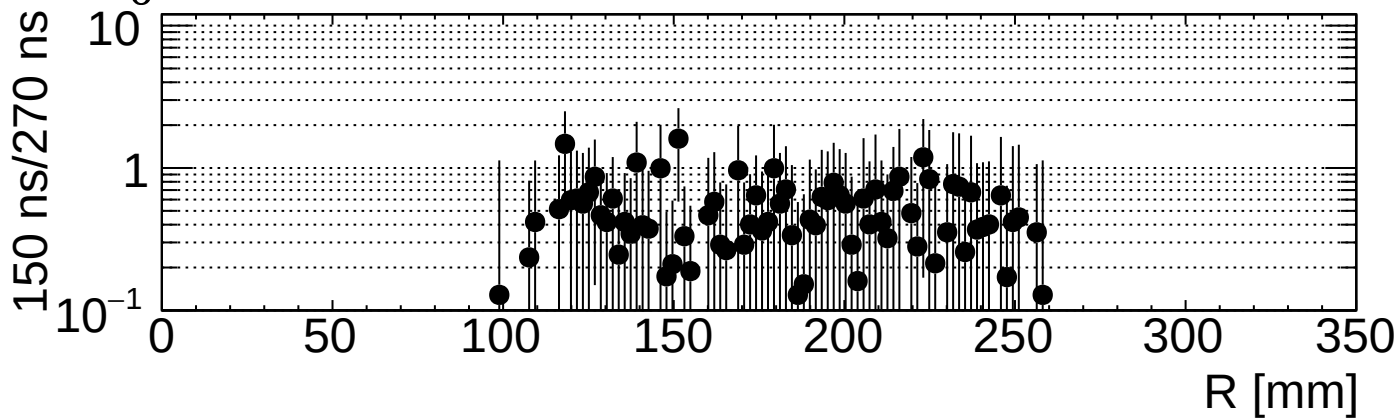
ECAL_Rgg_10ns1CoG20Degree

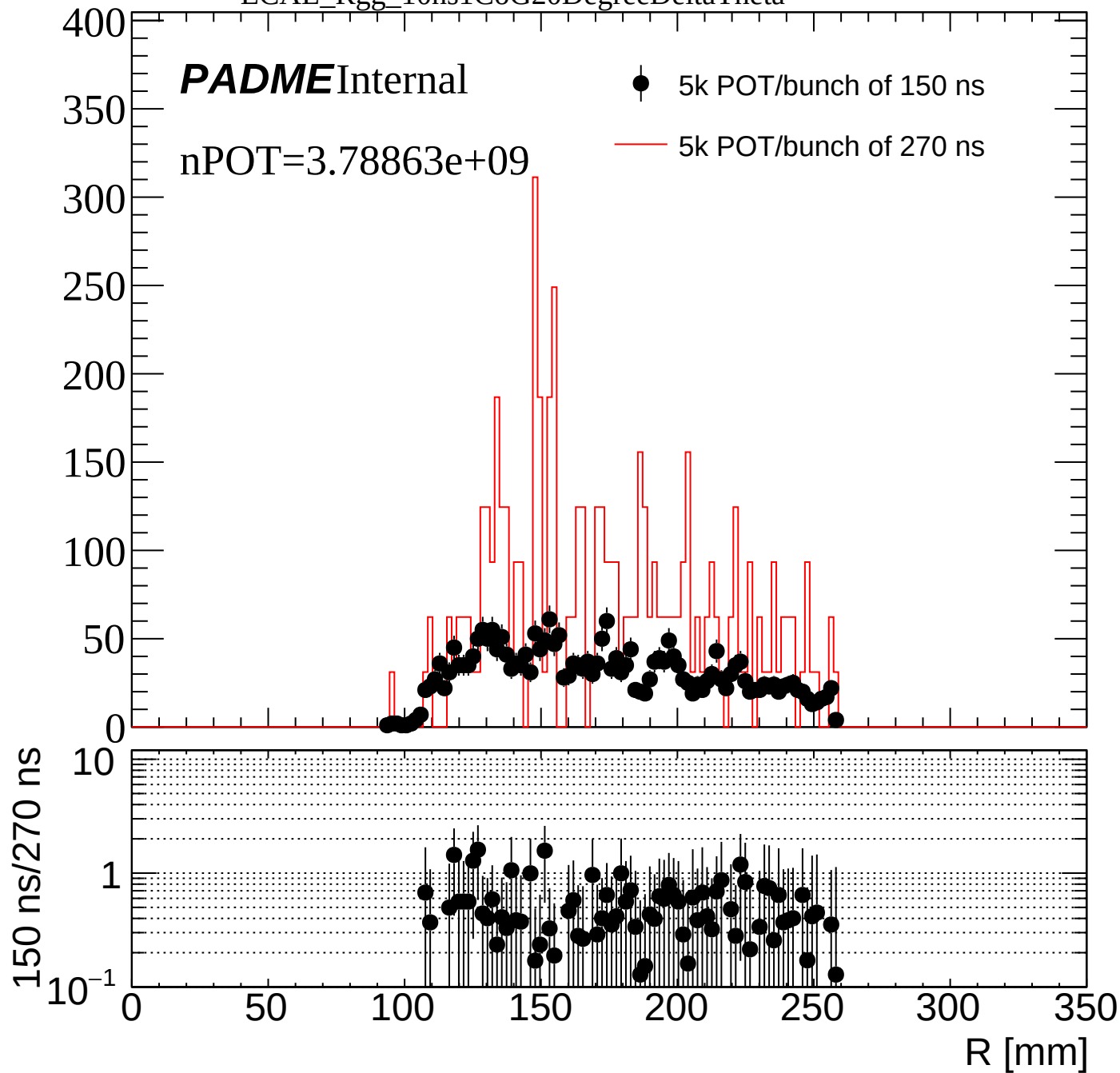
PADMEInternal

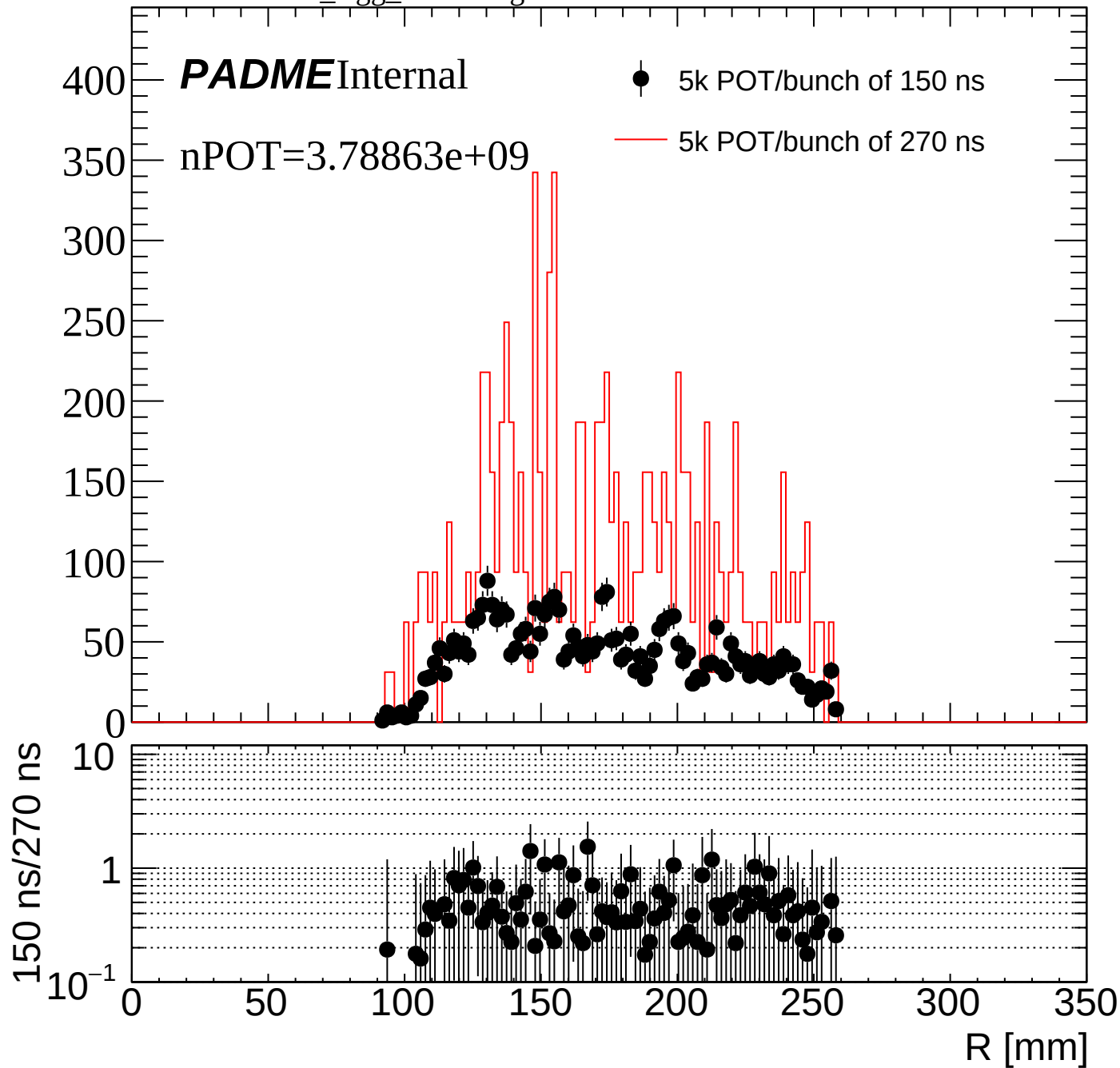
nPOT=3.78863e+09

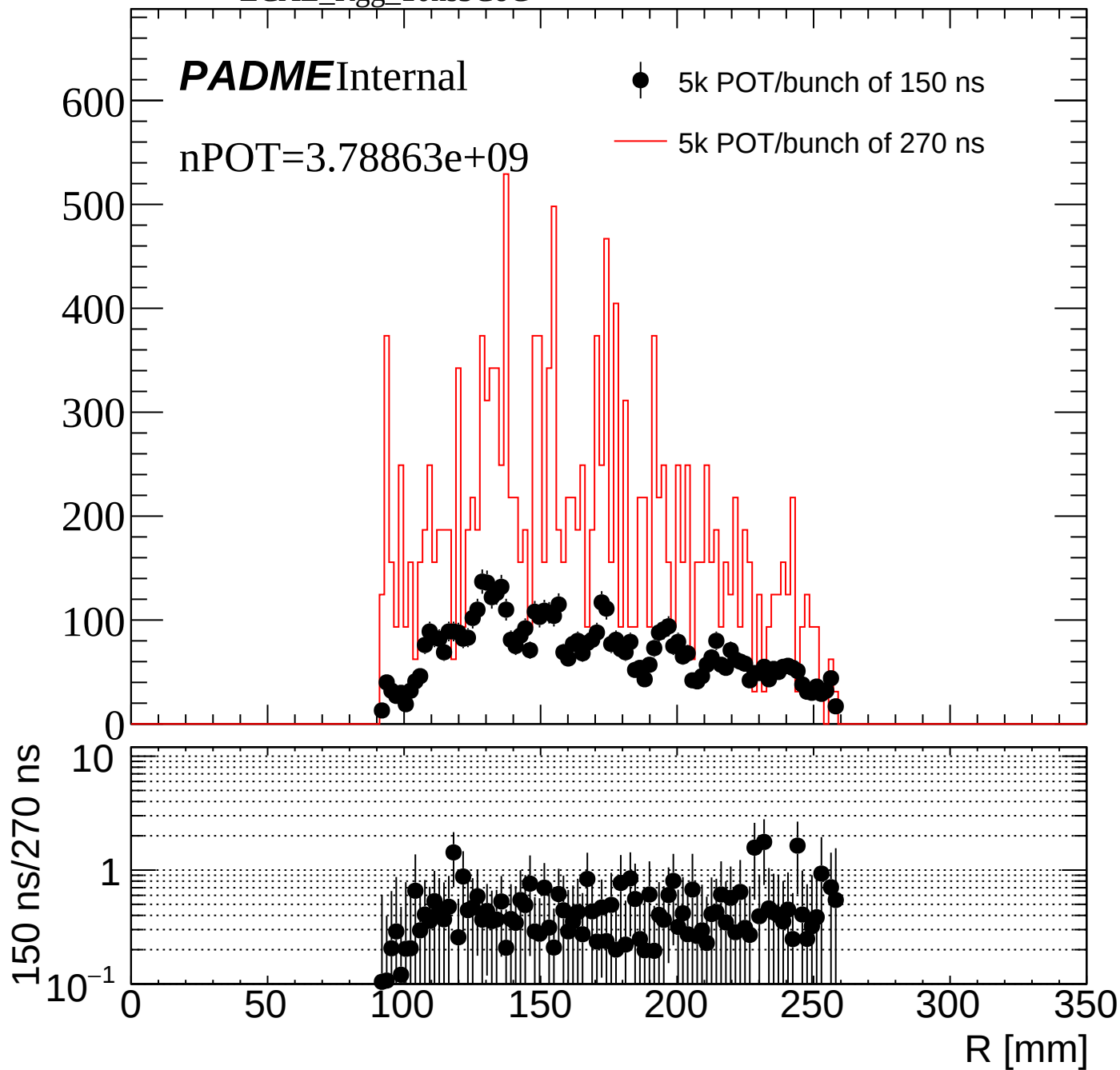
● 5k POT/bunch of 150 ns

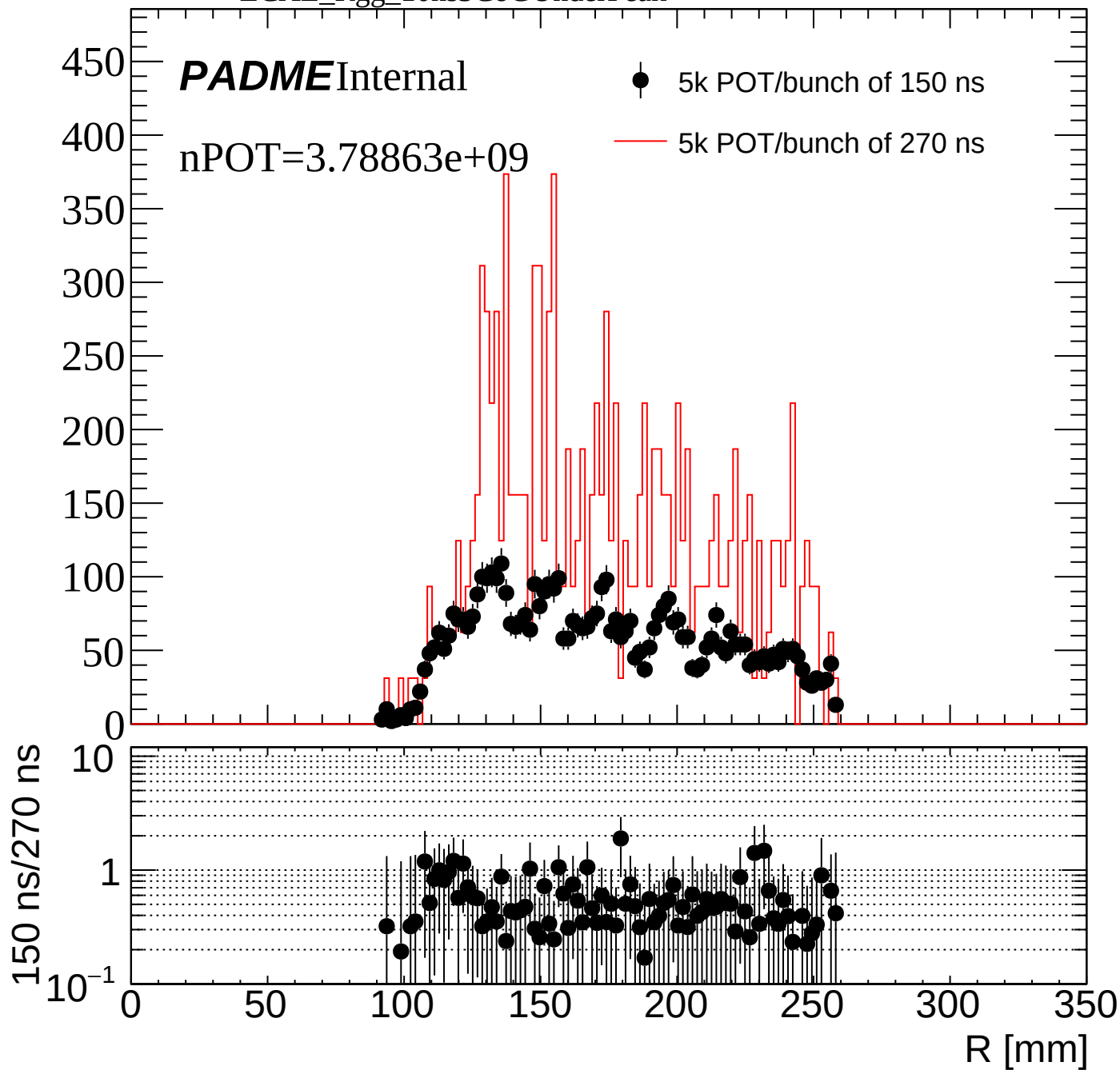
— 5k POT/bunch of 270 ns

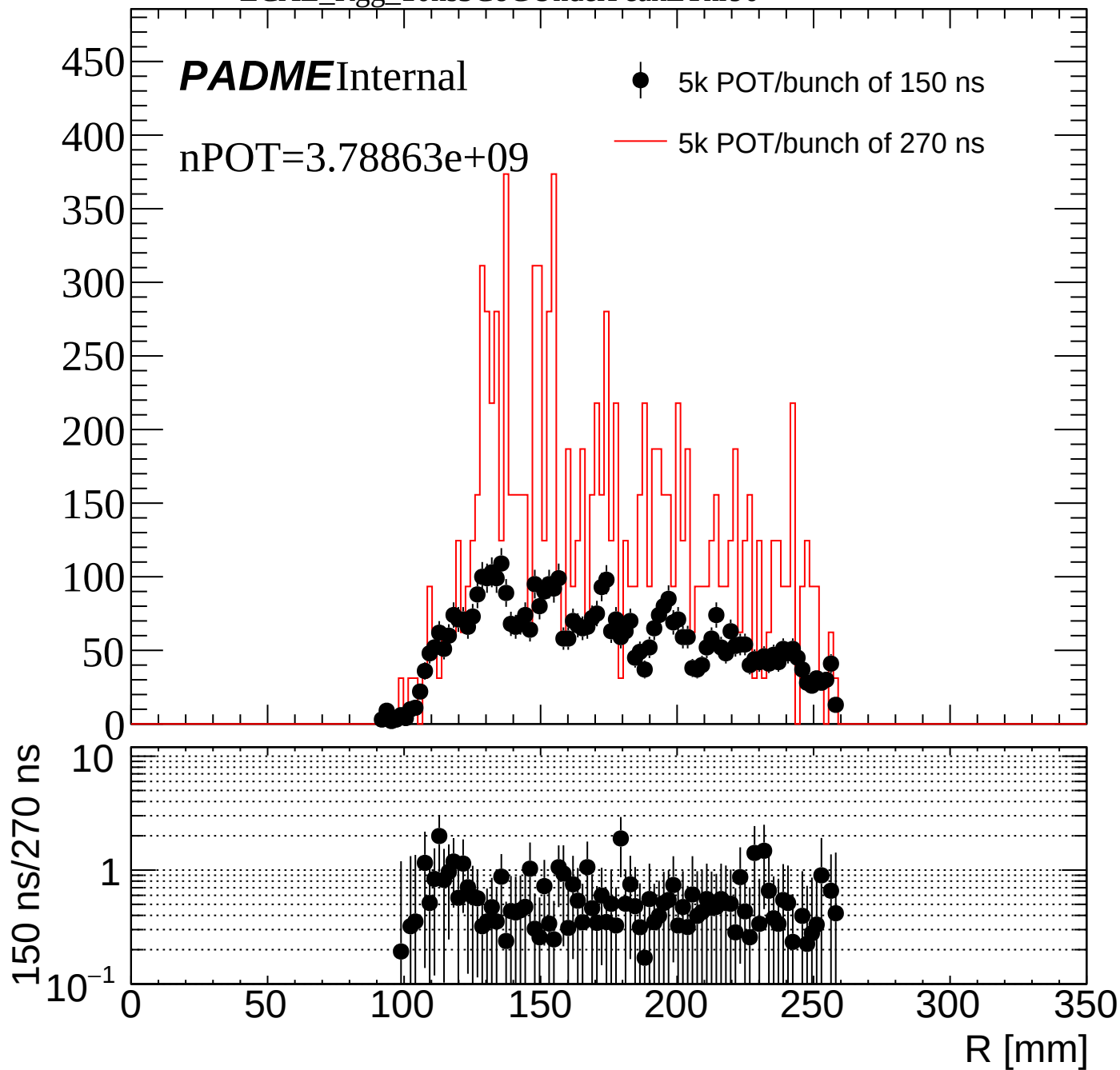


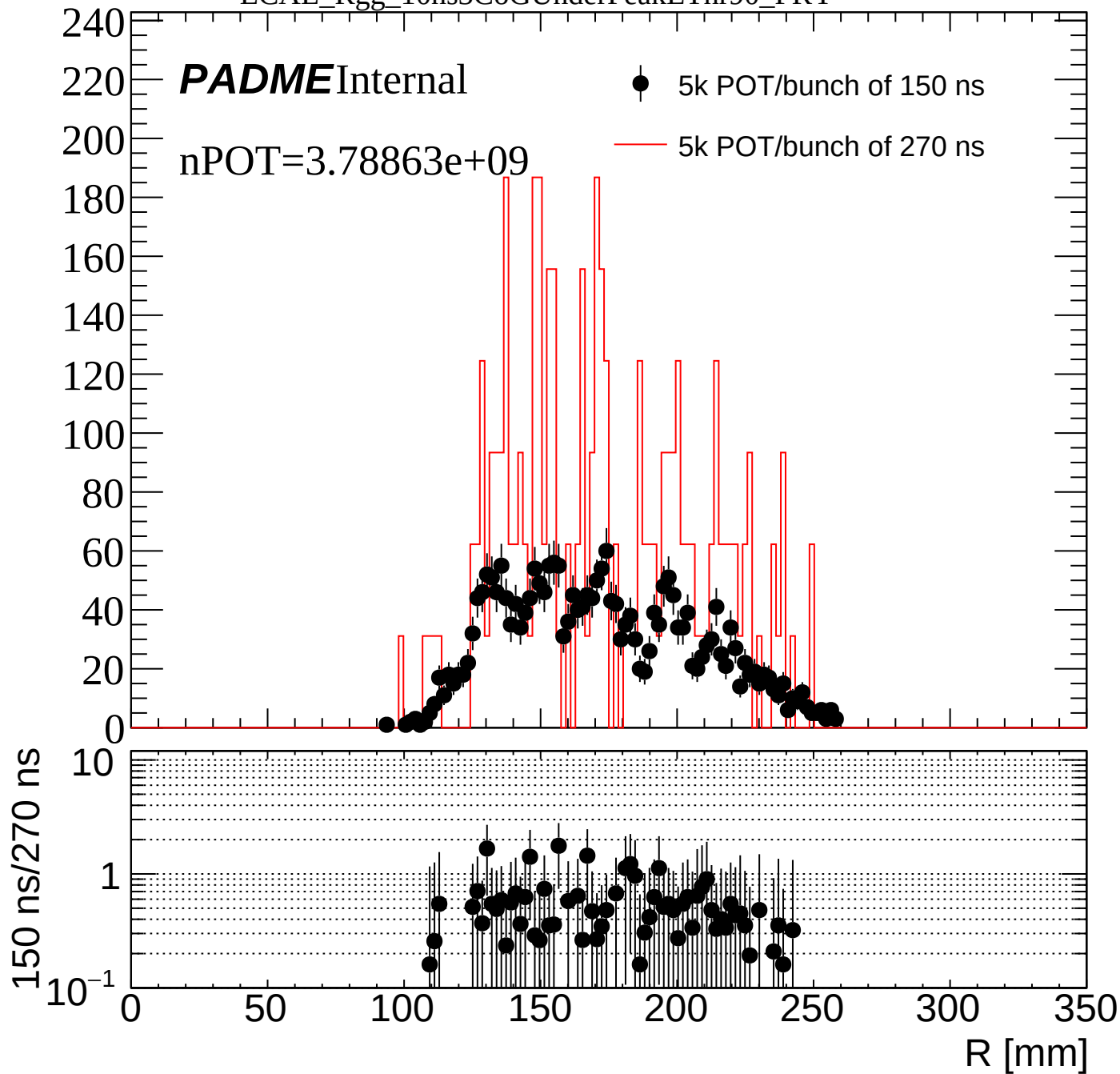


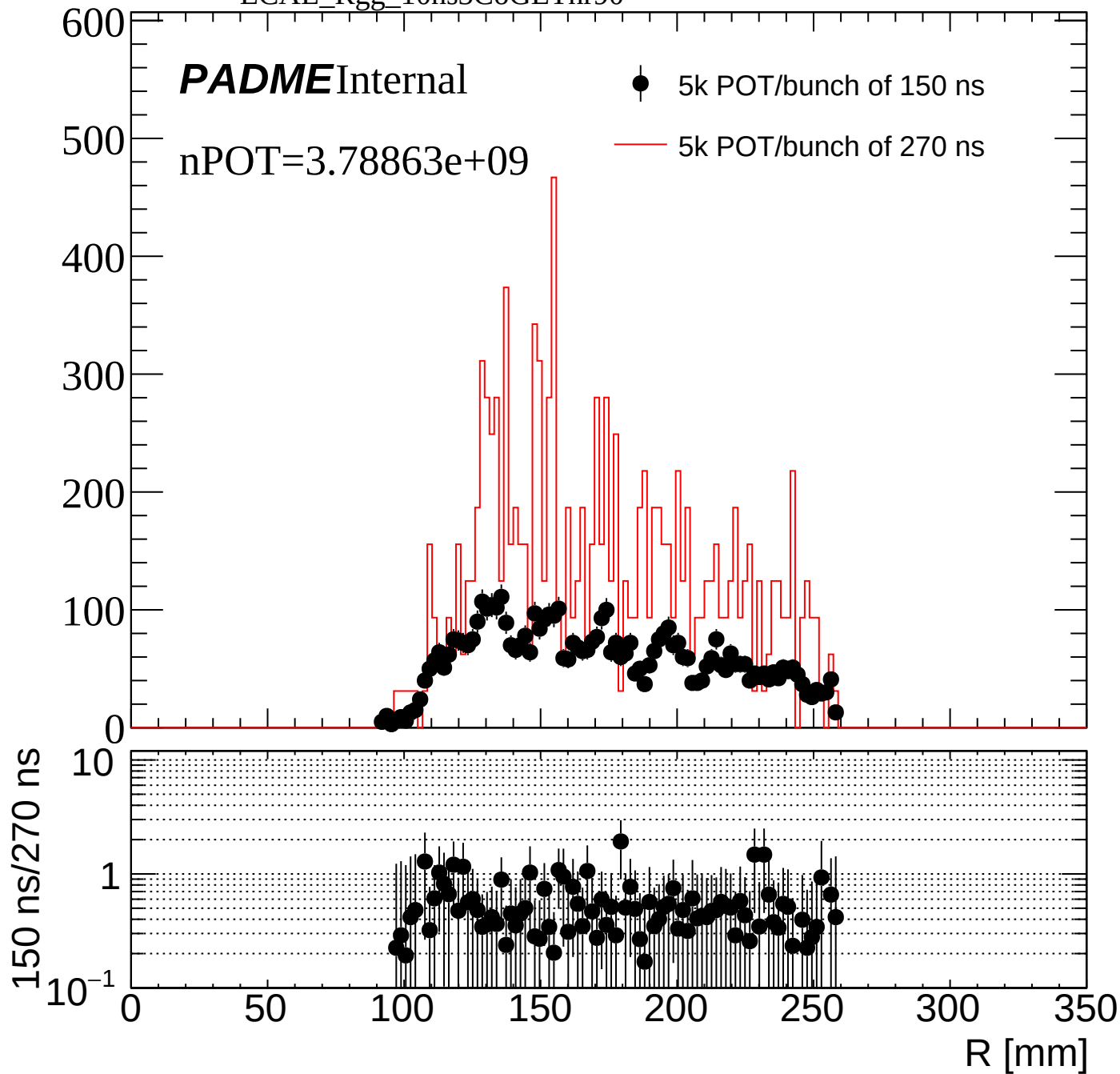


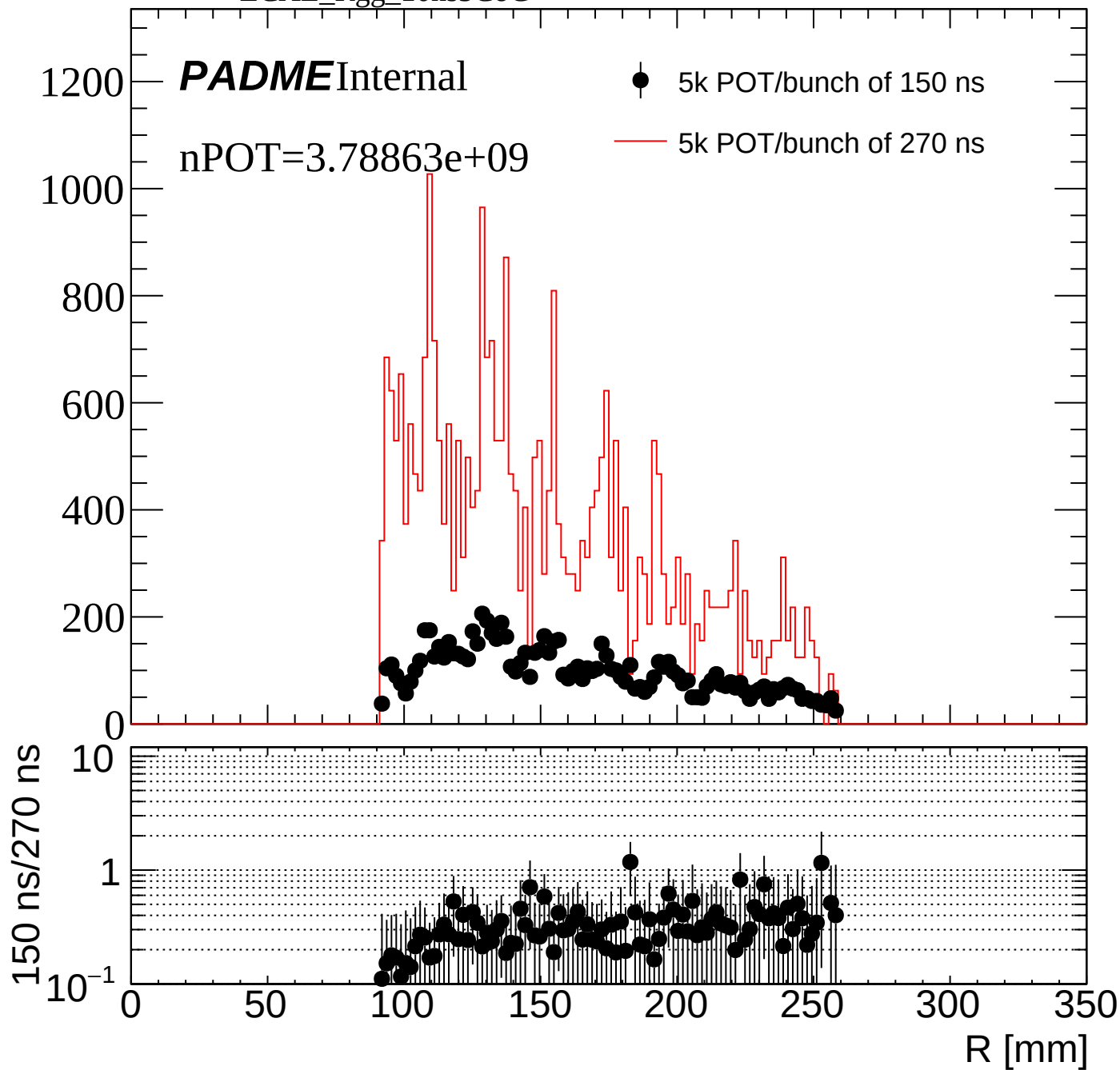


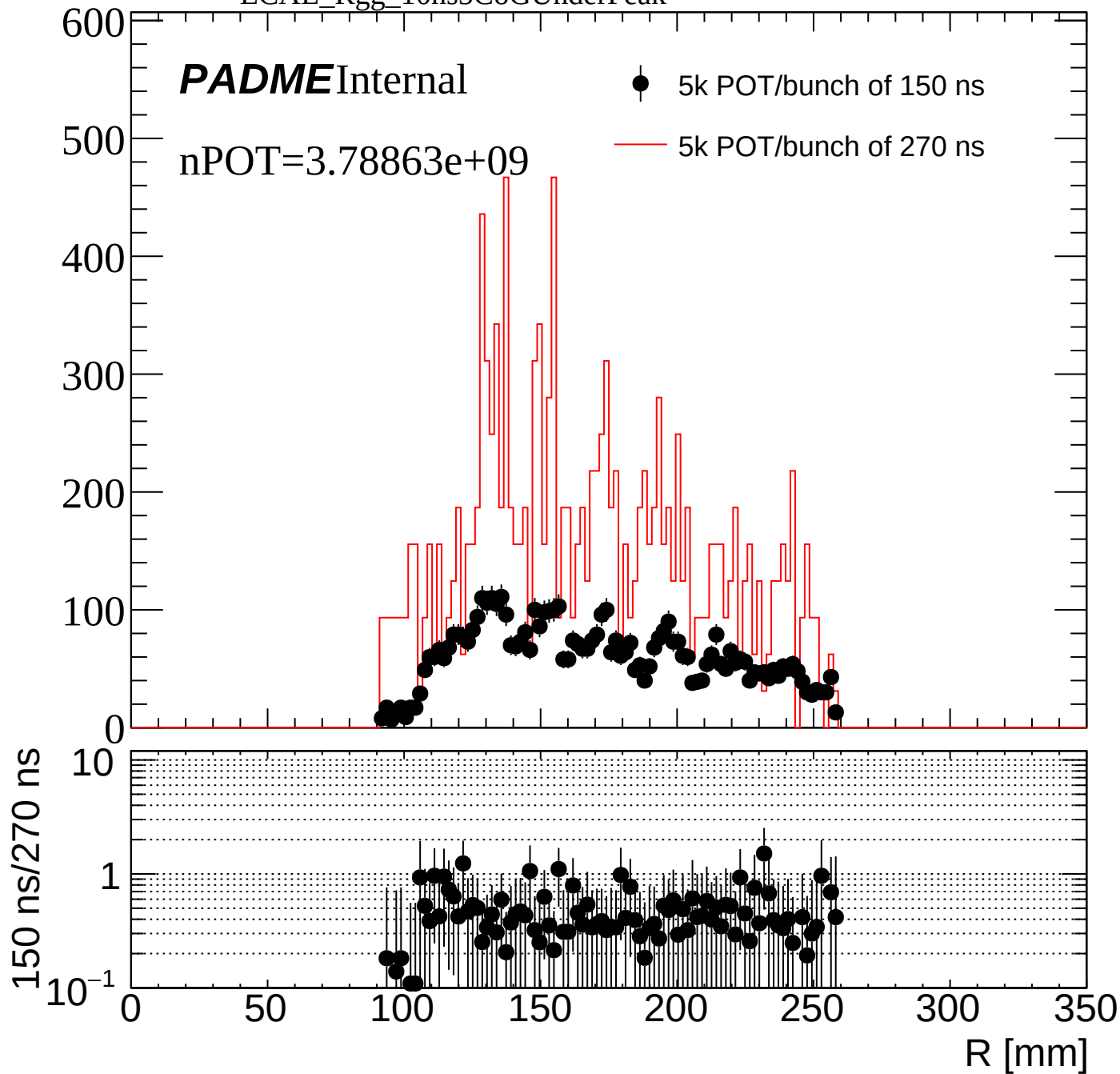


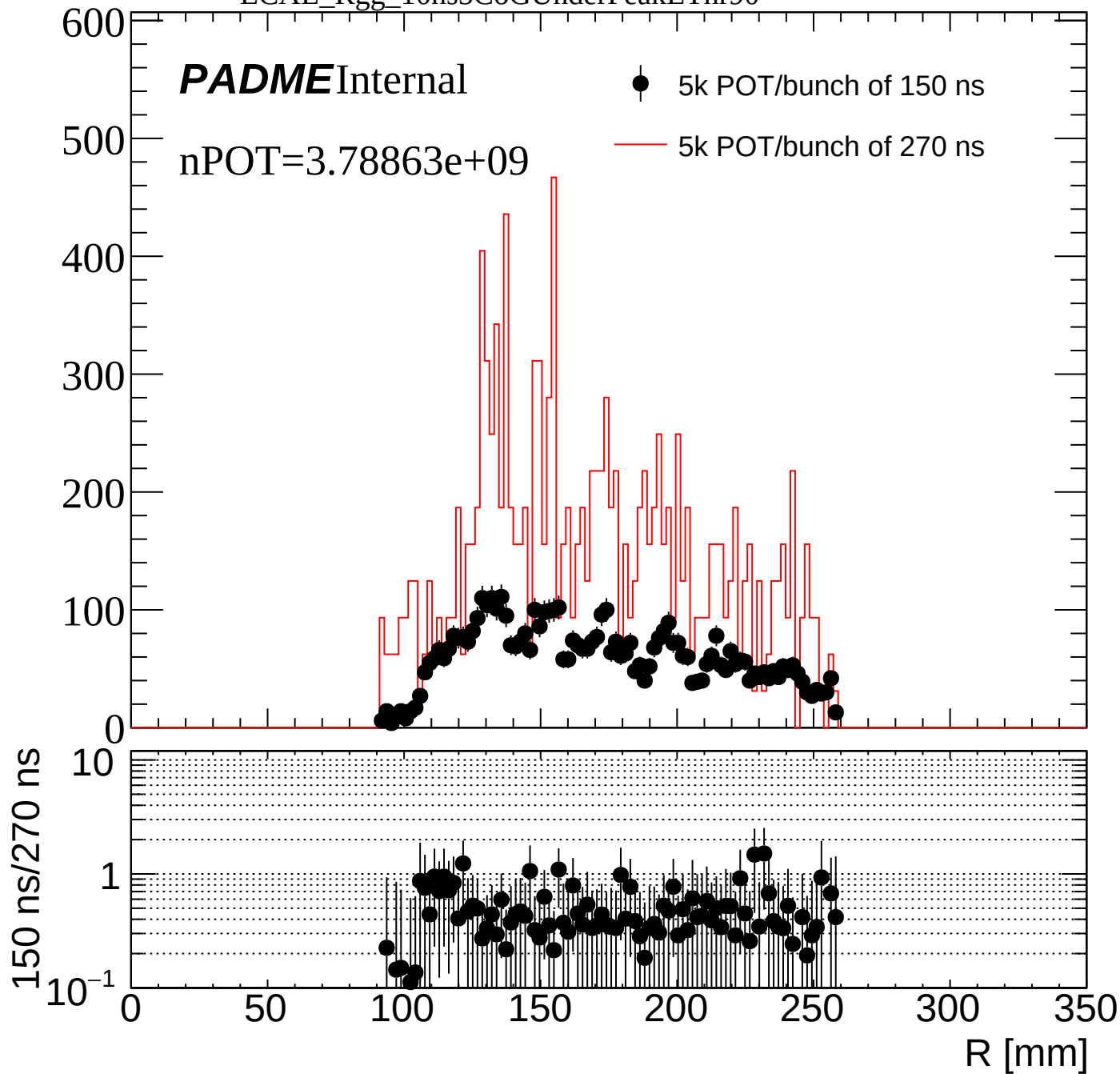


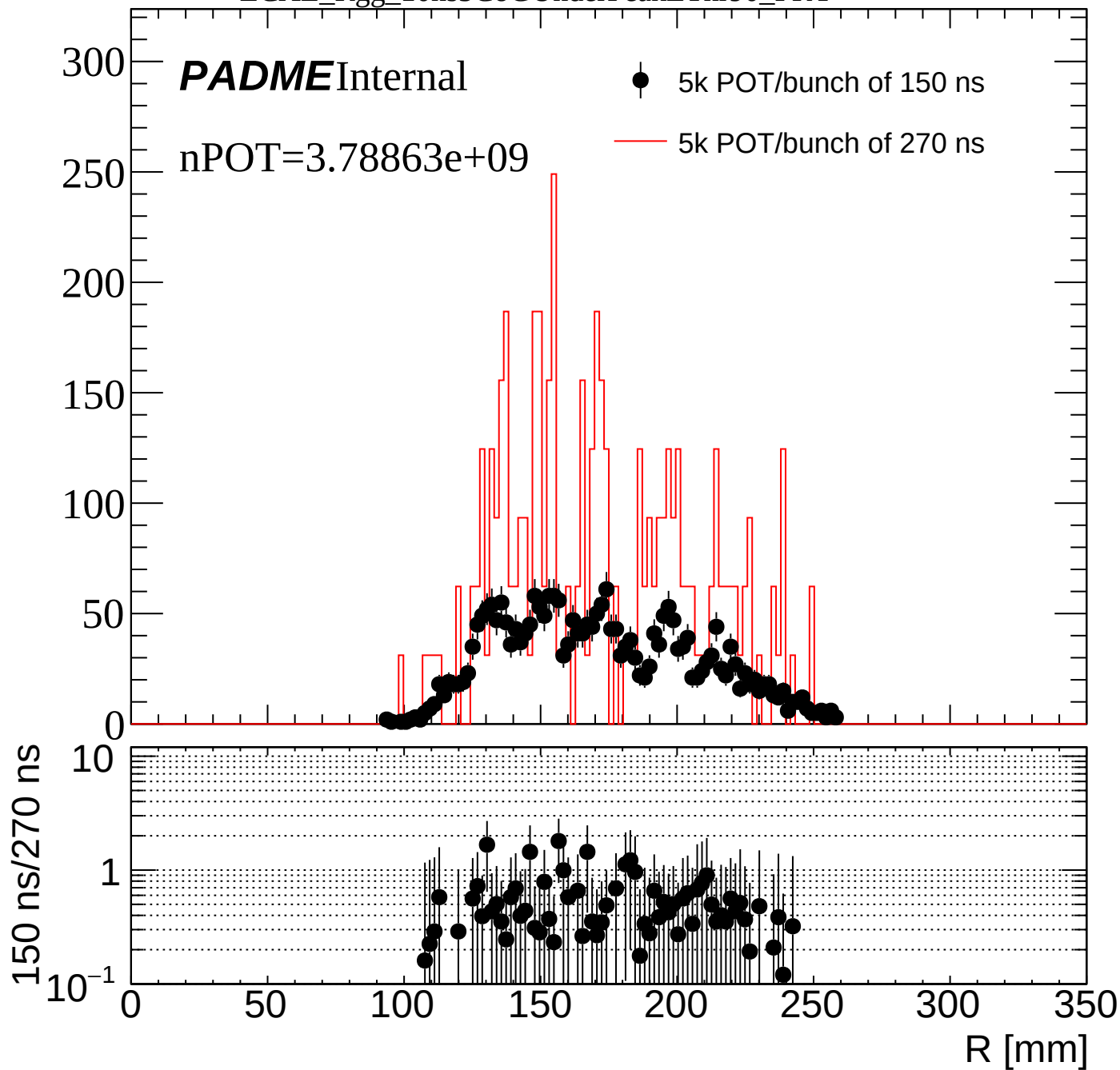


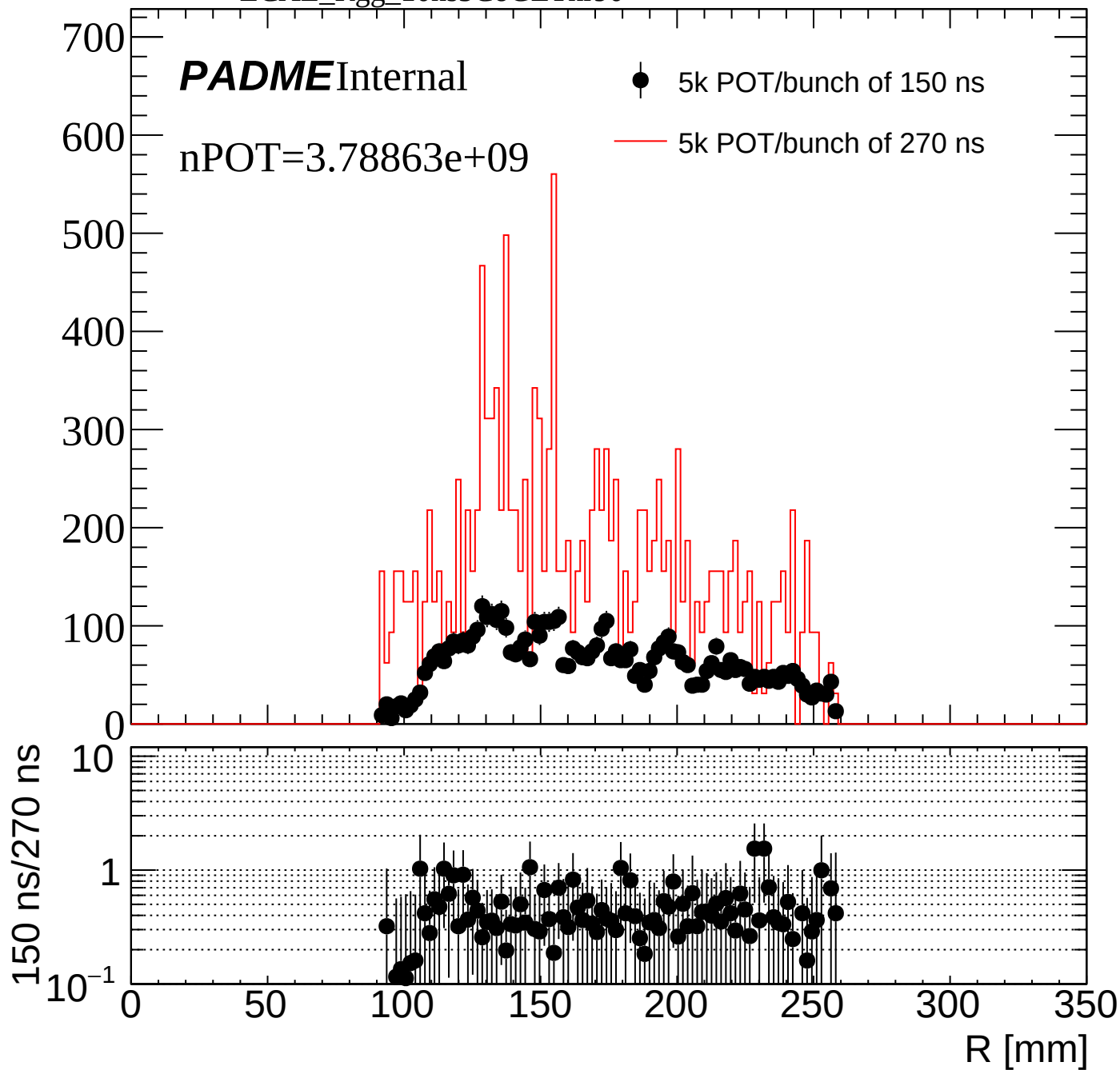


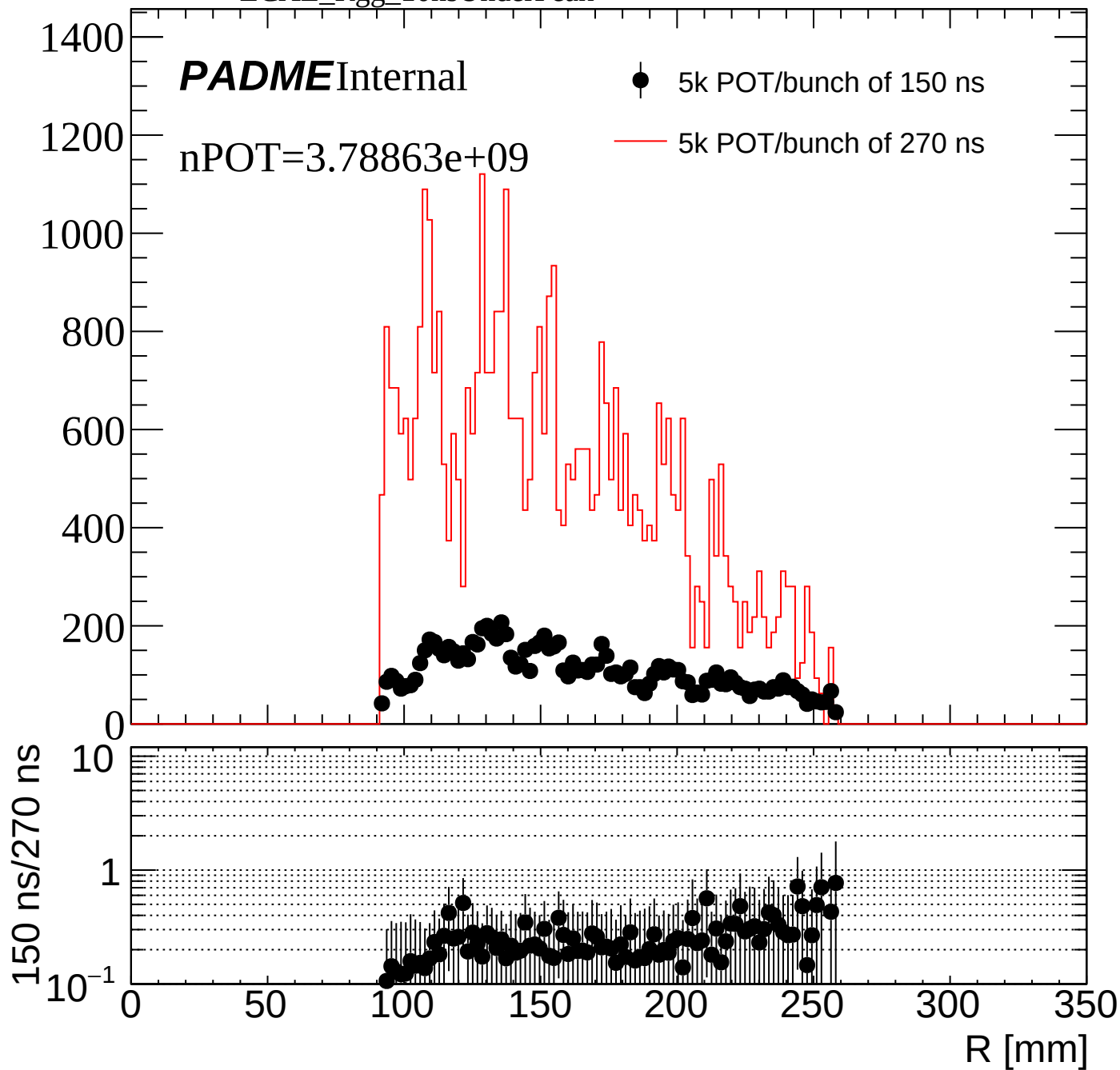


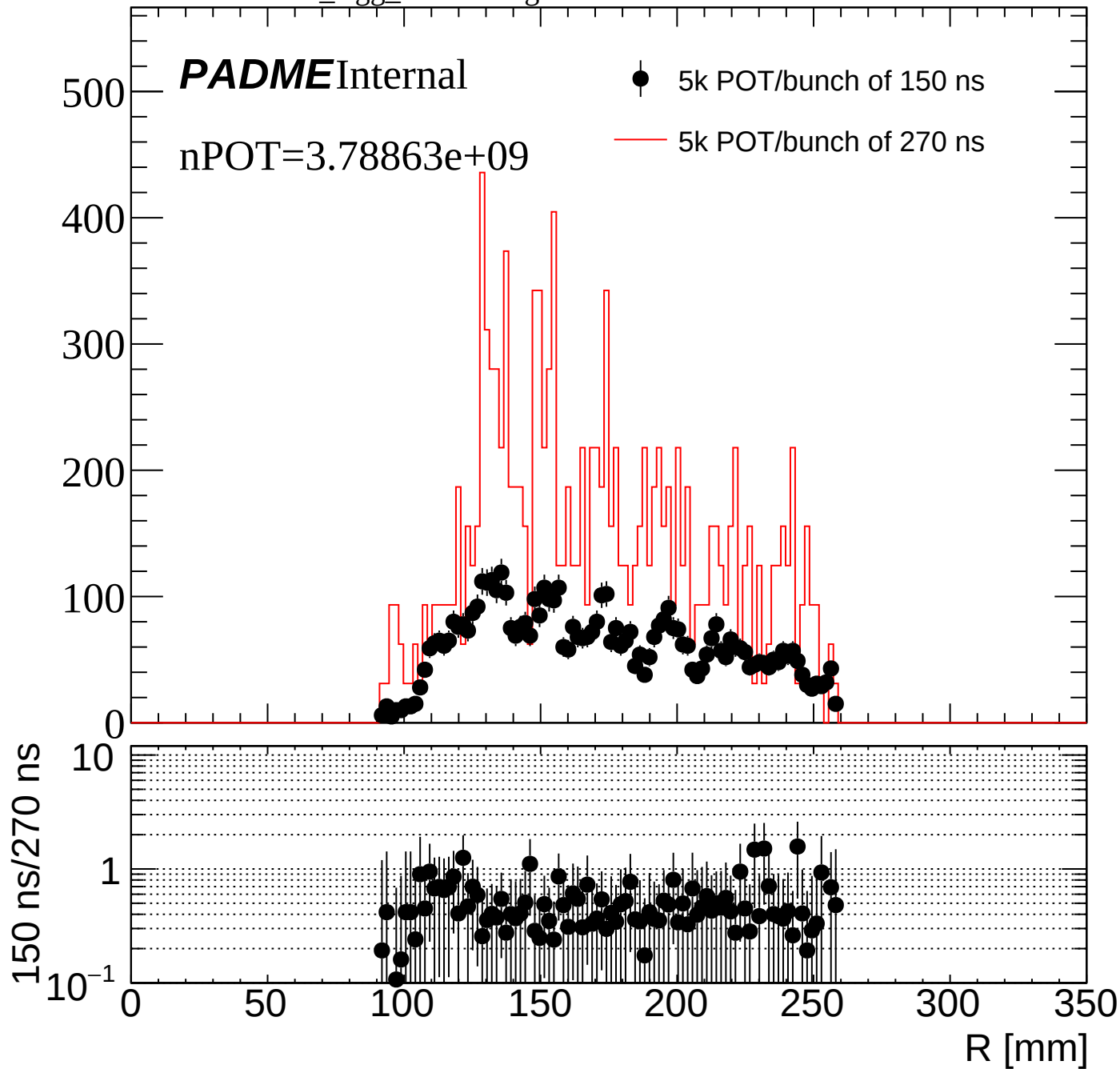


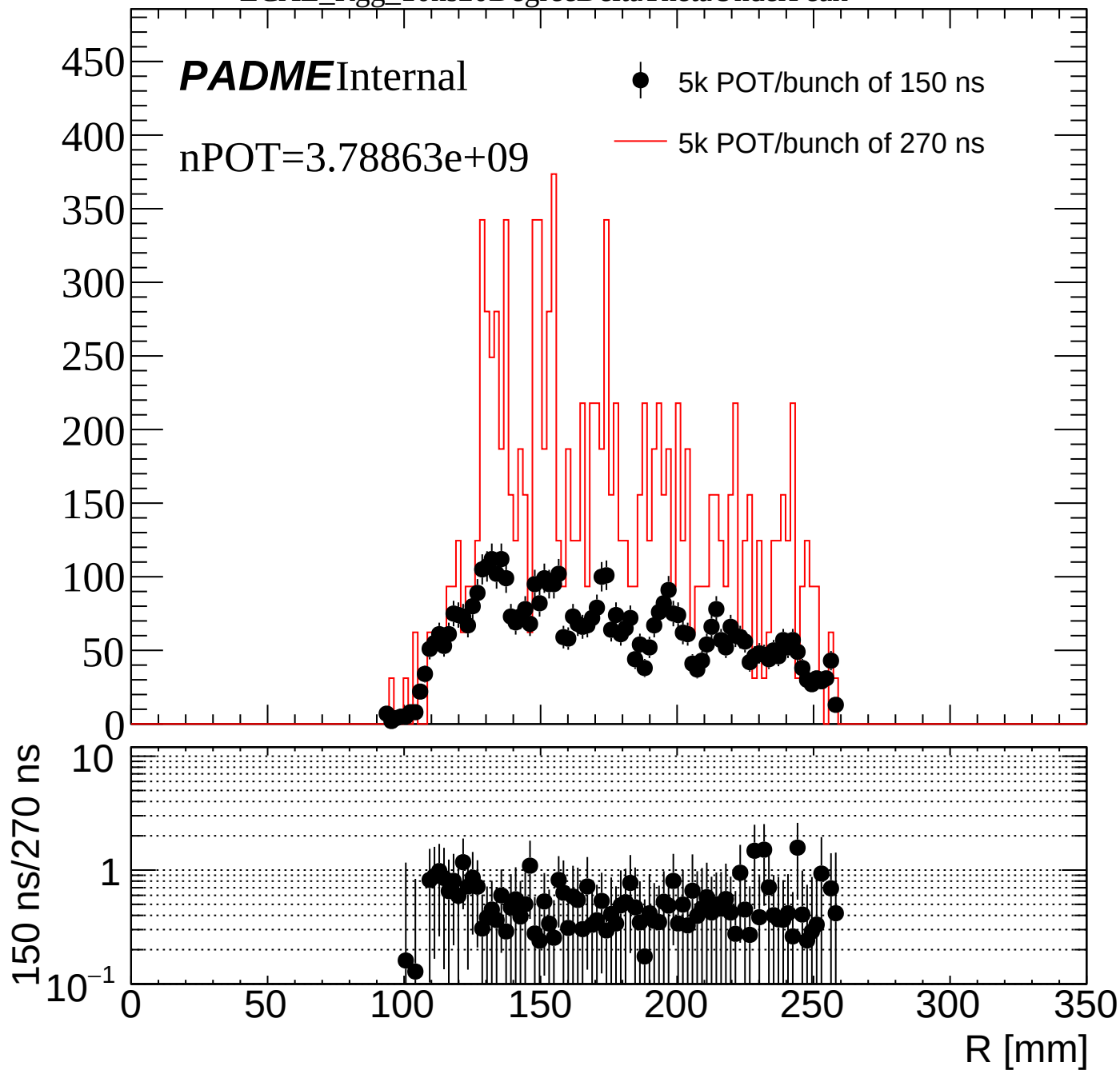












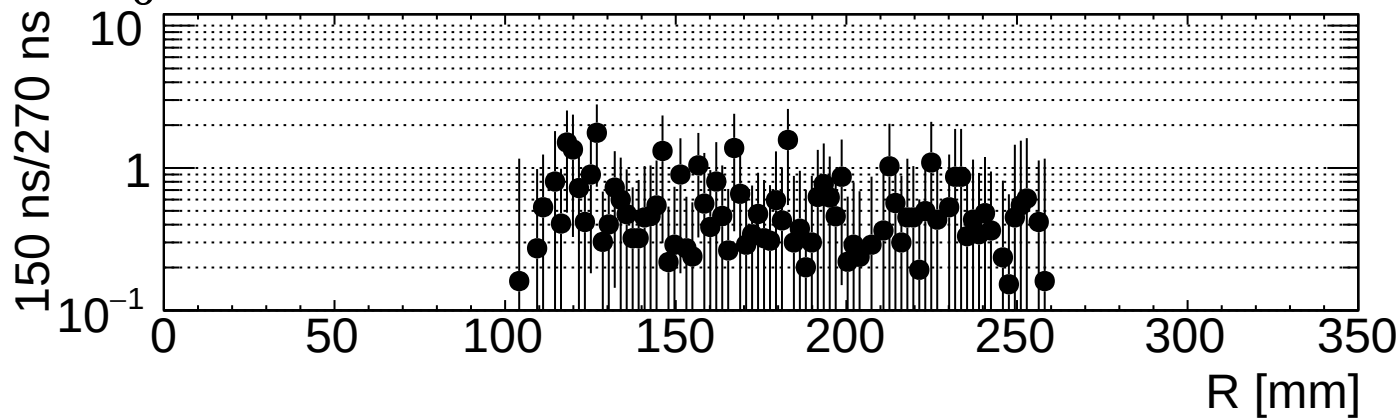
ECAL_Rgg_10ns5DegreeDeltaThetaUnderPeak

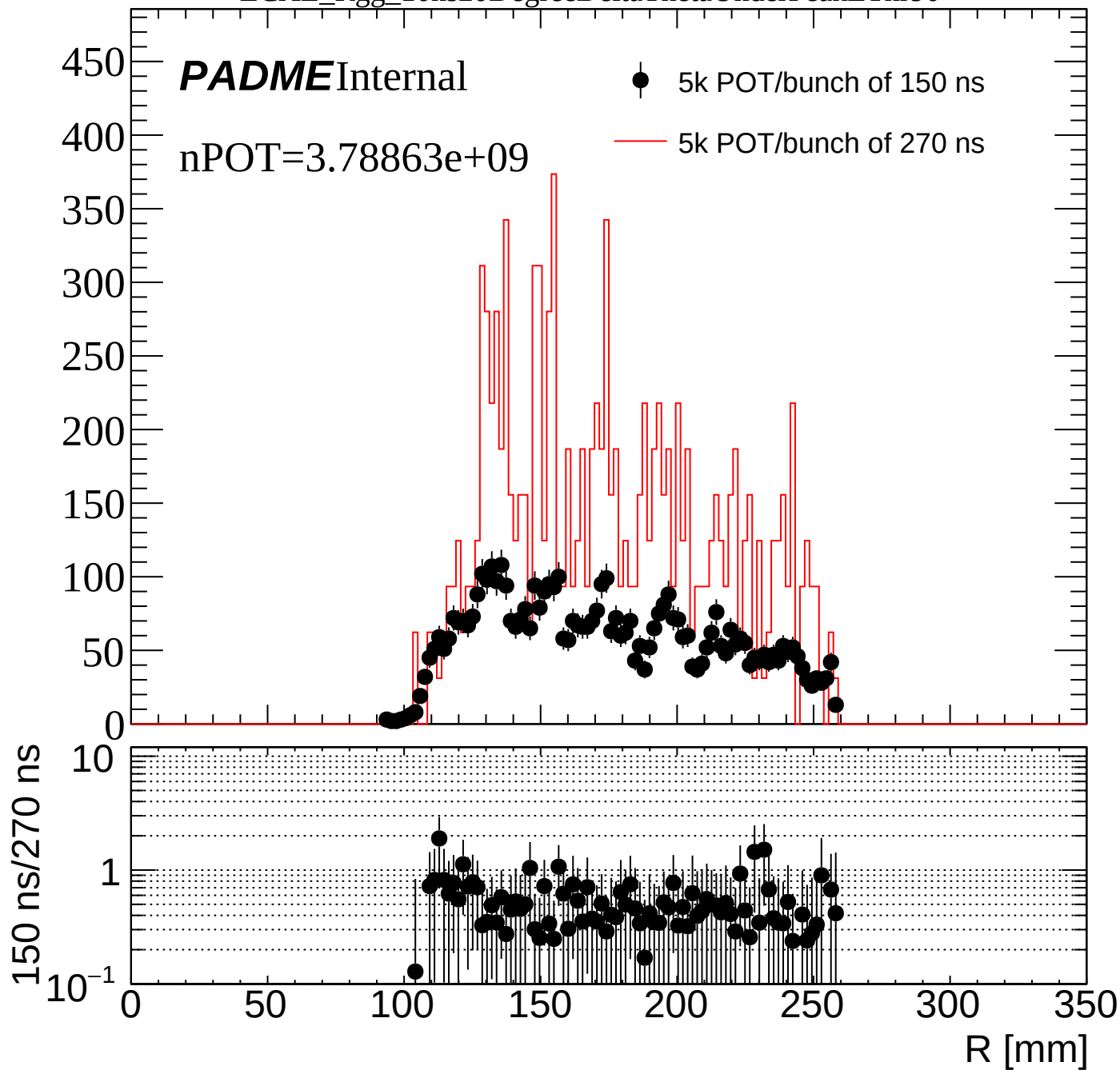
PADMEInternal

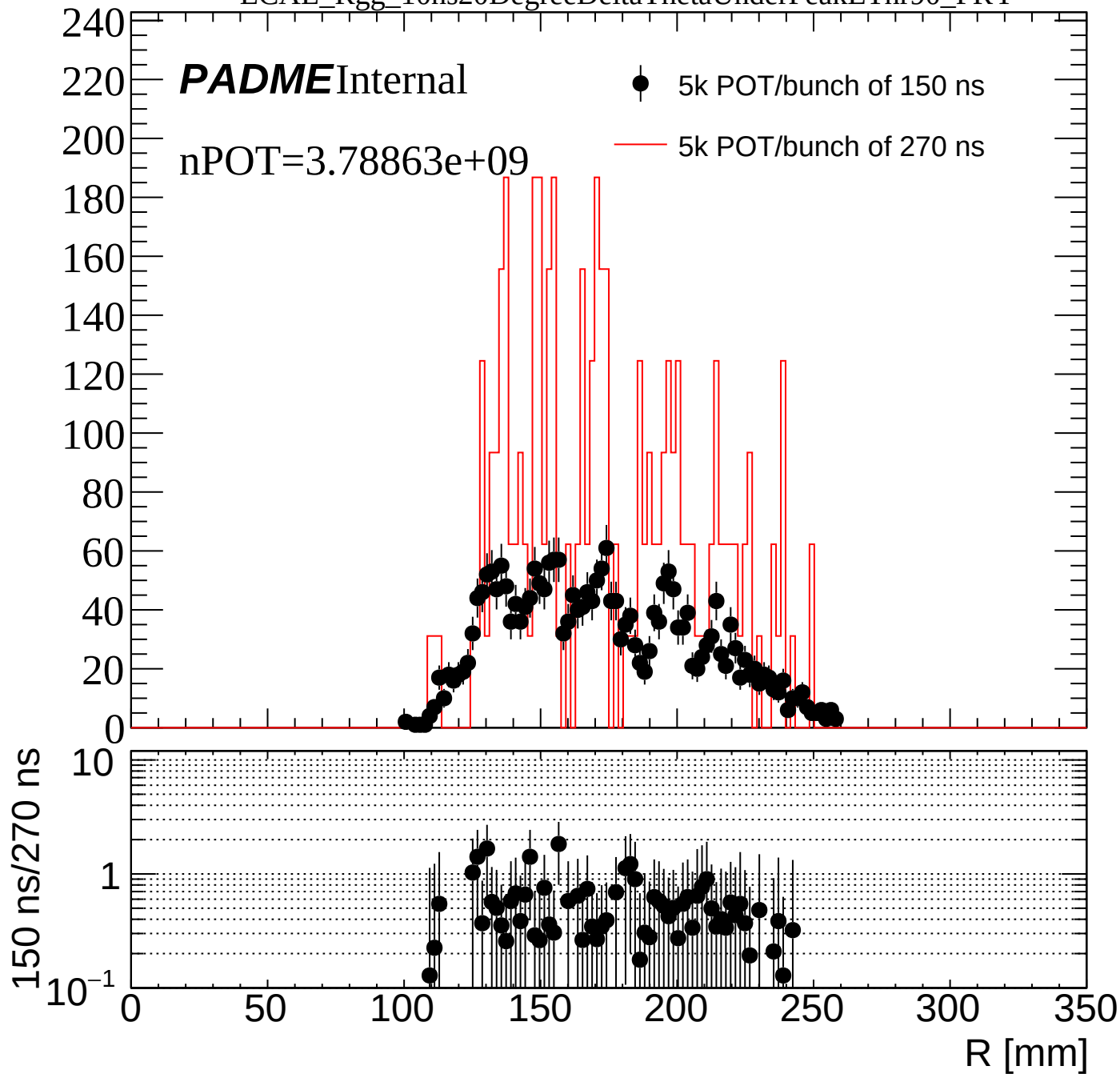
nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns





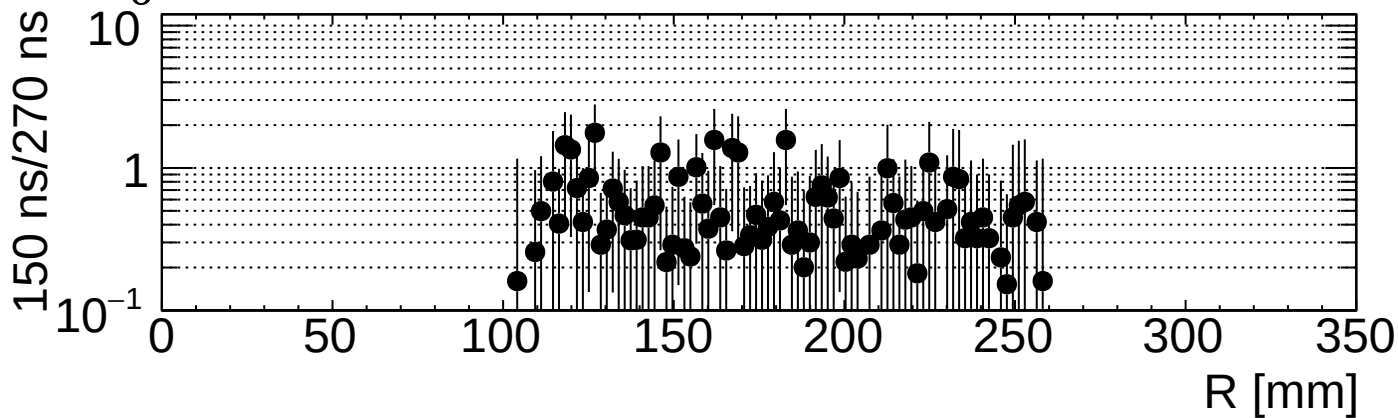


PADME Internal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



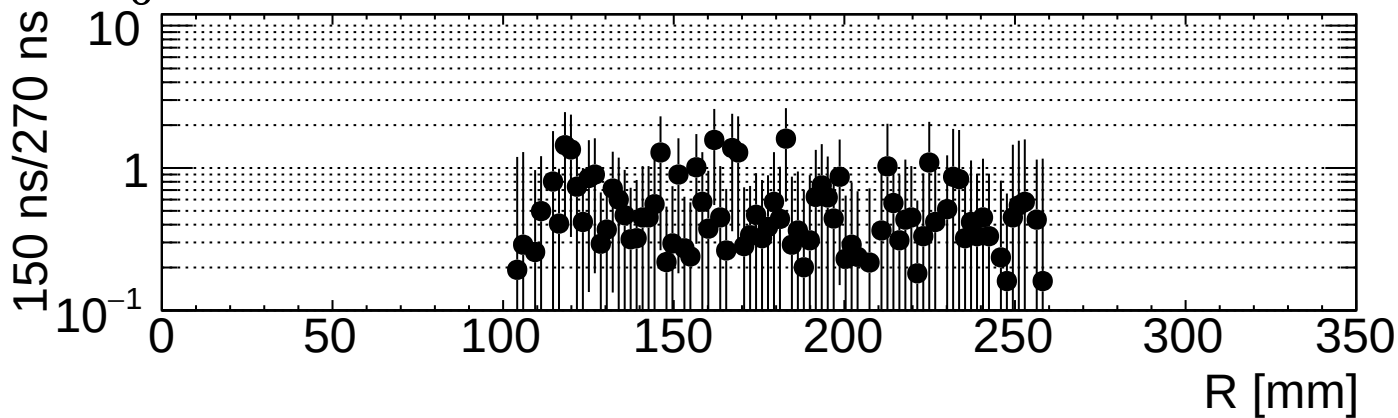
ECAL_Rgg_10ns5DegreeDeltaThetaEThr90

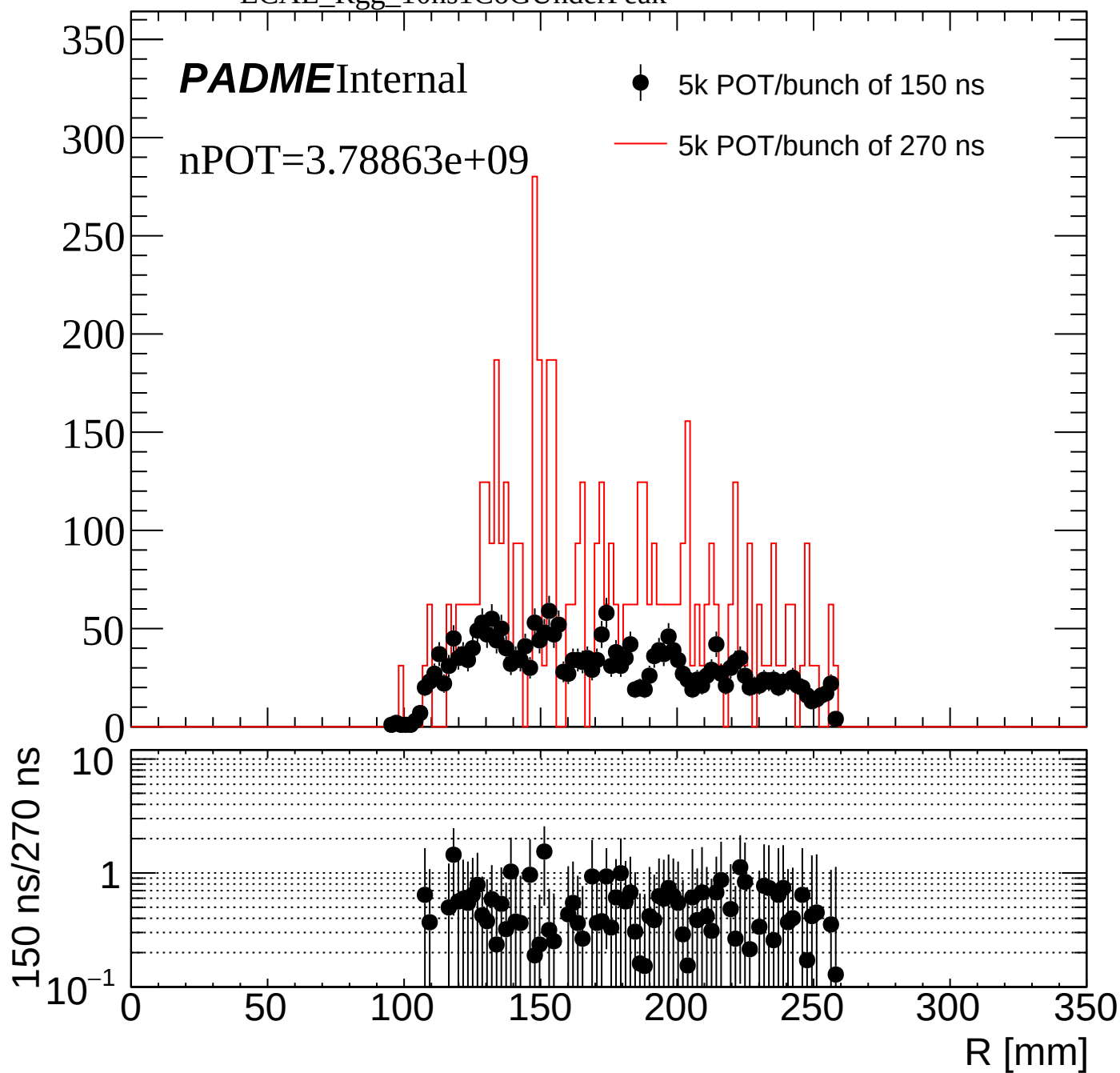
PADMEInternal

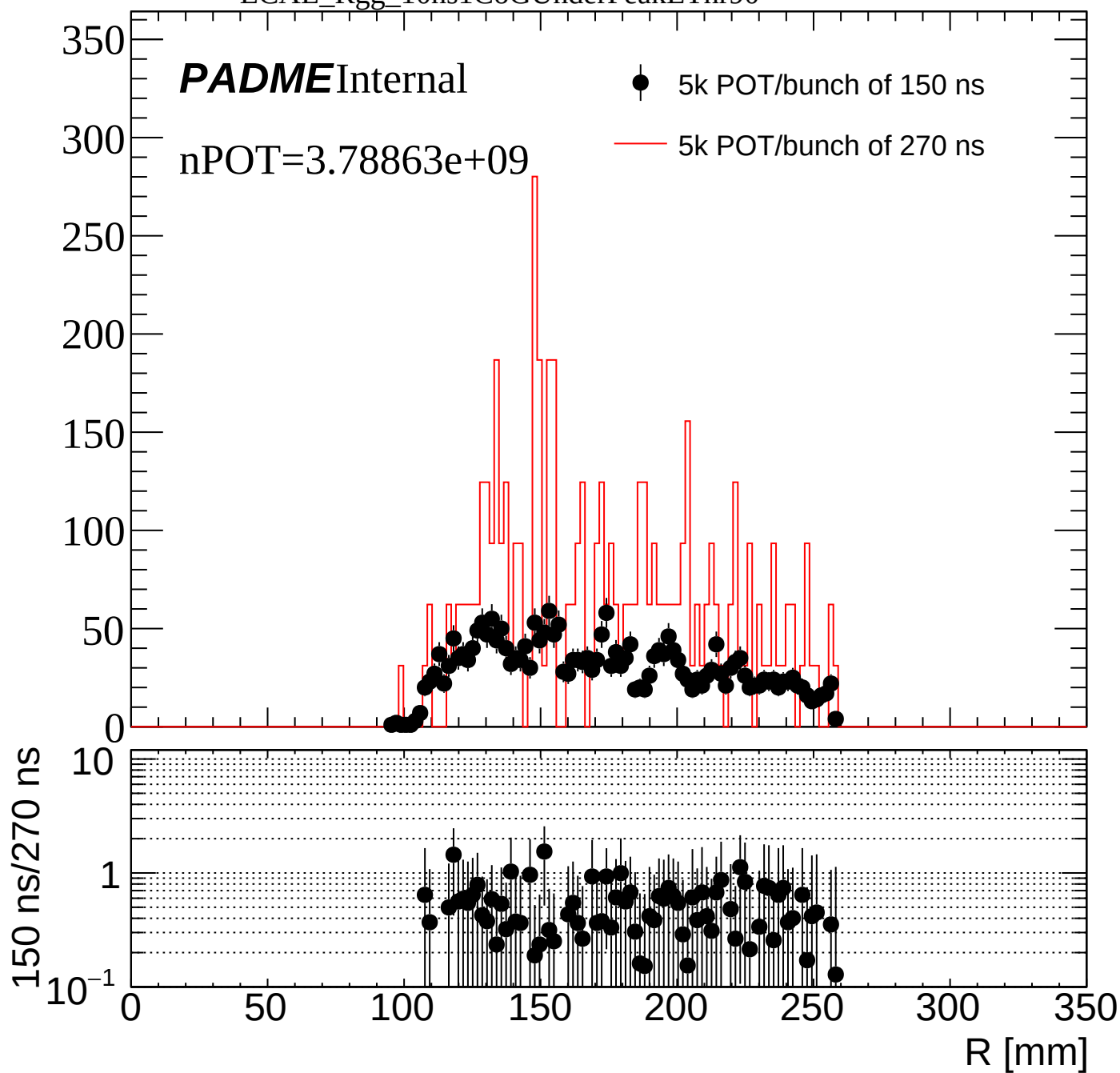
nPOT=3.78863e+09

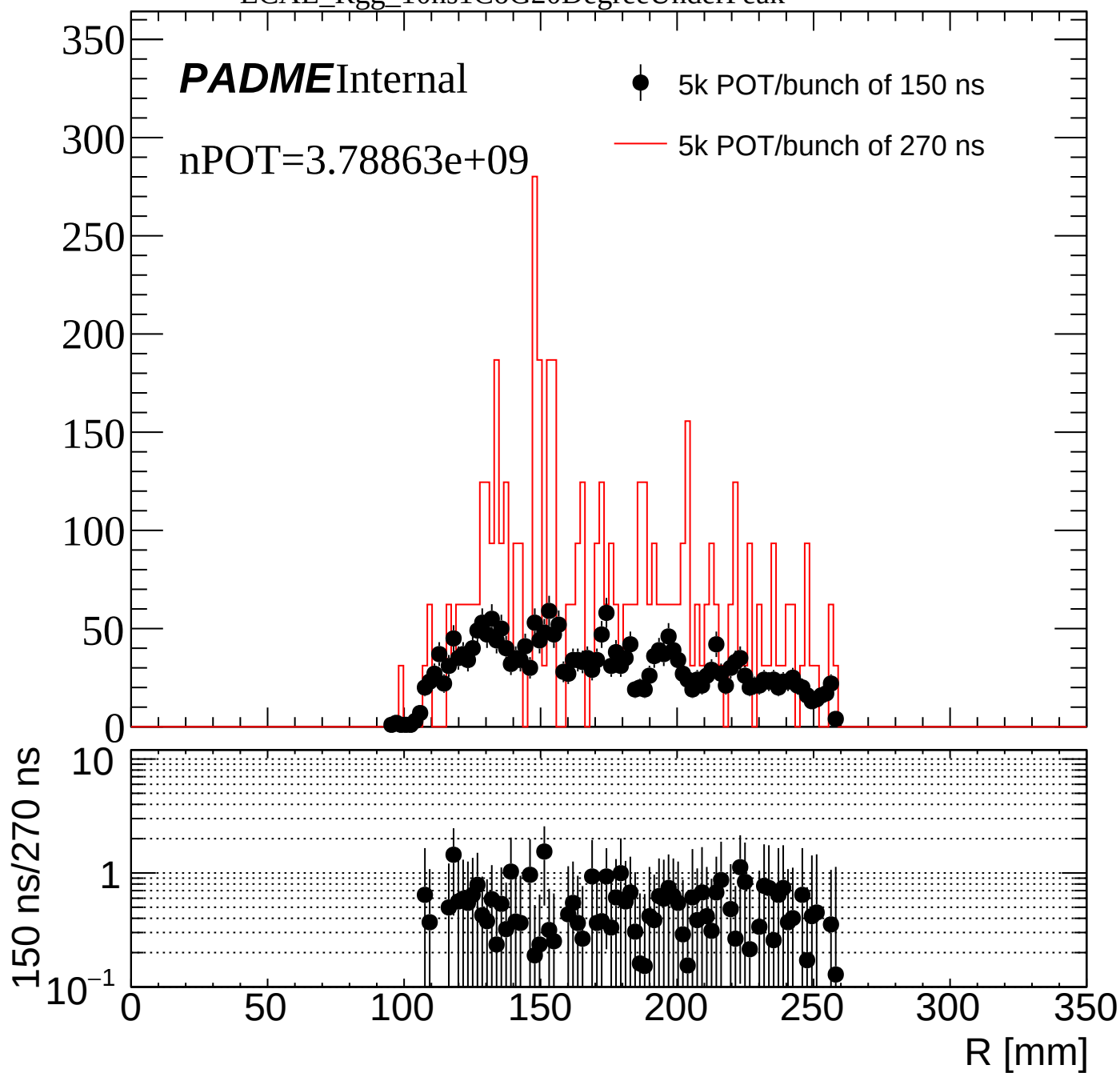
● 5k POT/bunch of 150 ns

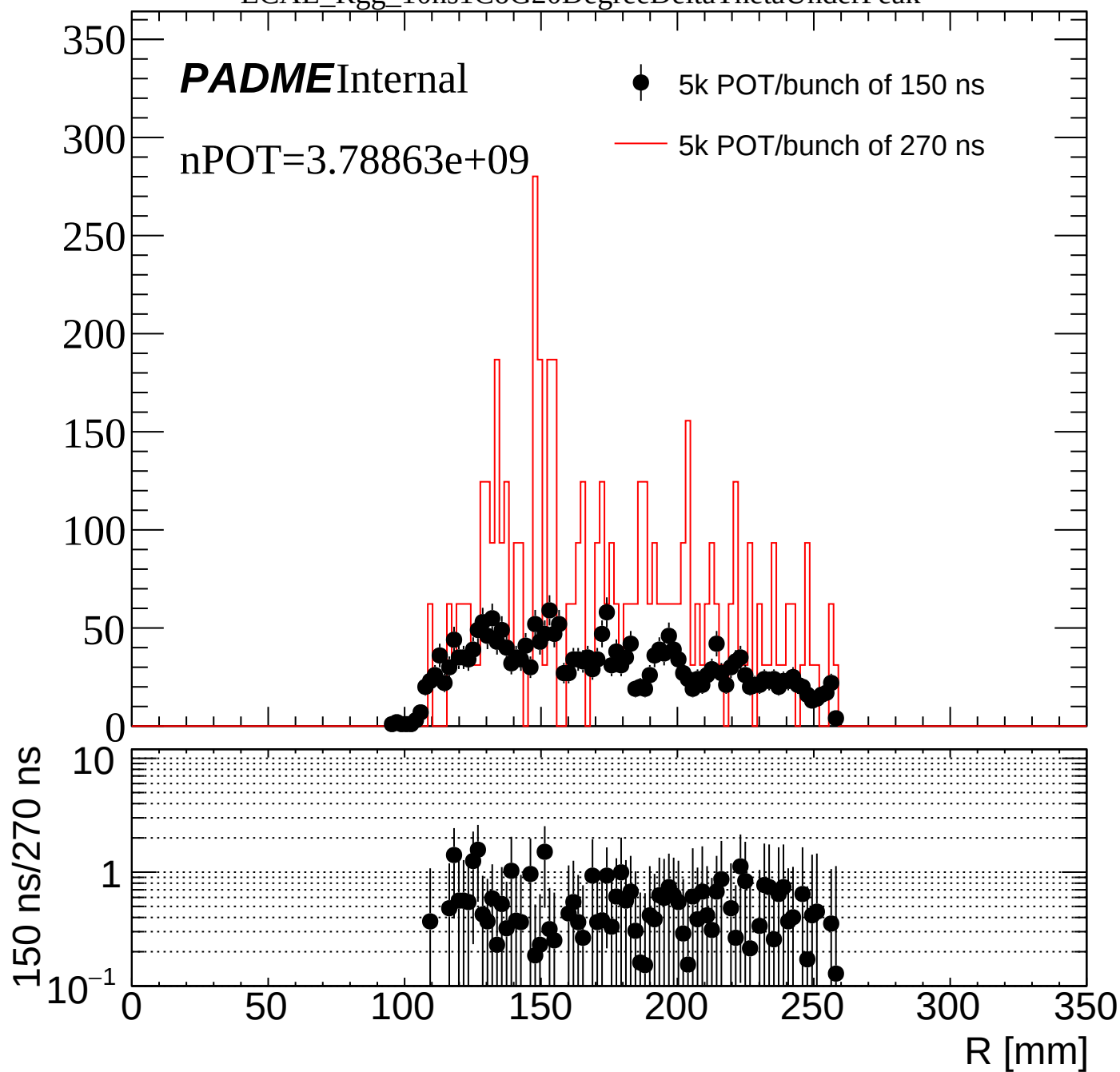
— 5k POT/bunch of 270 ns

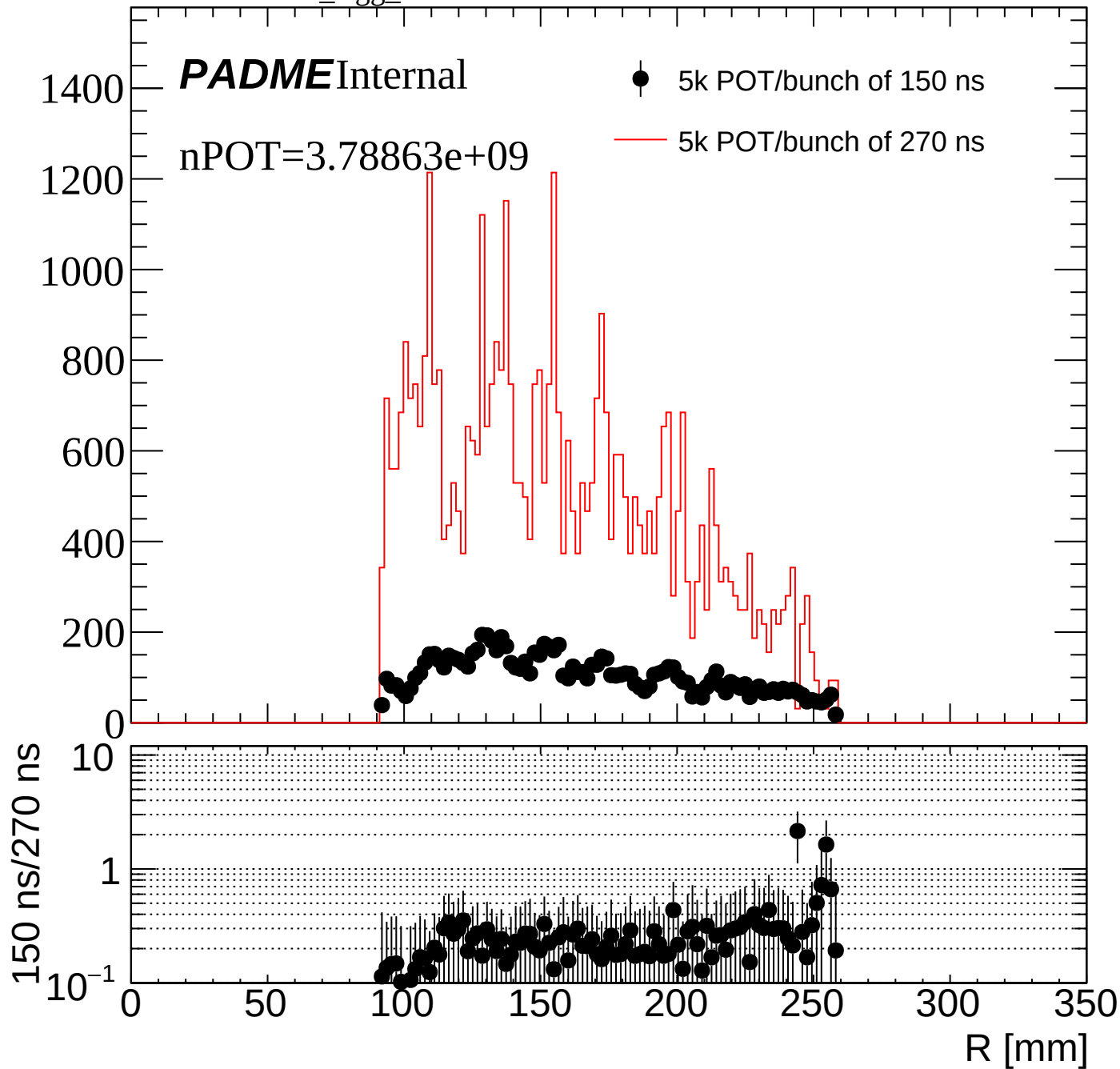


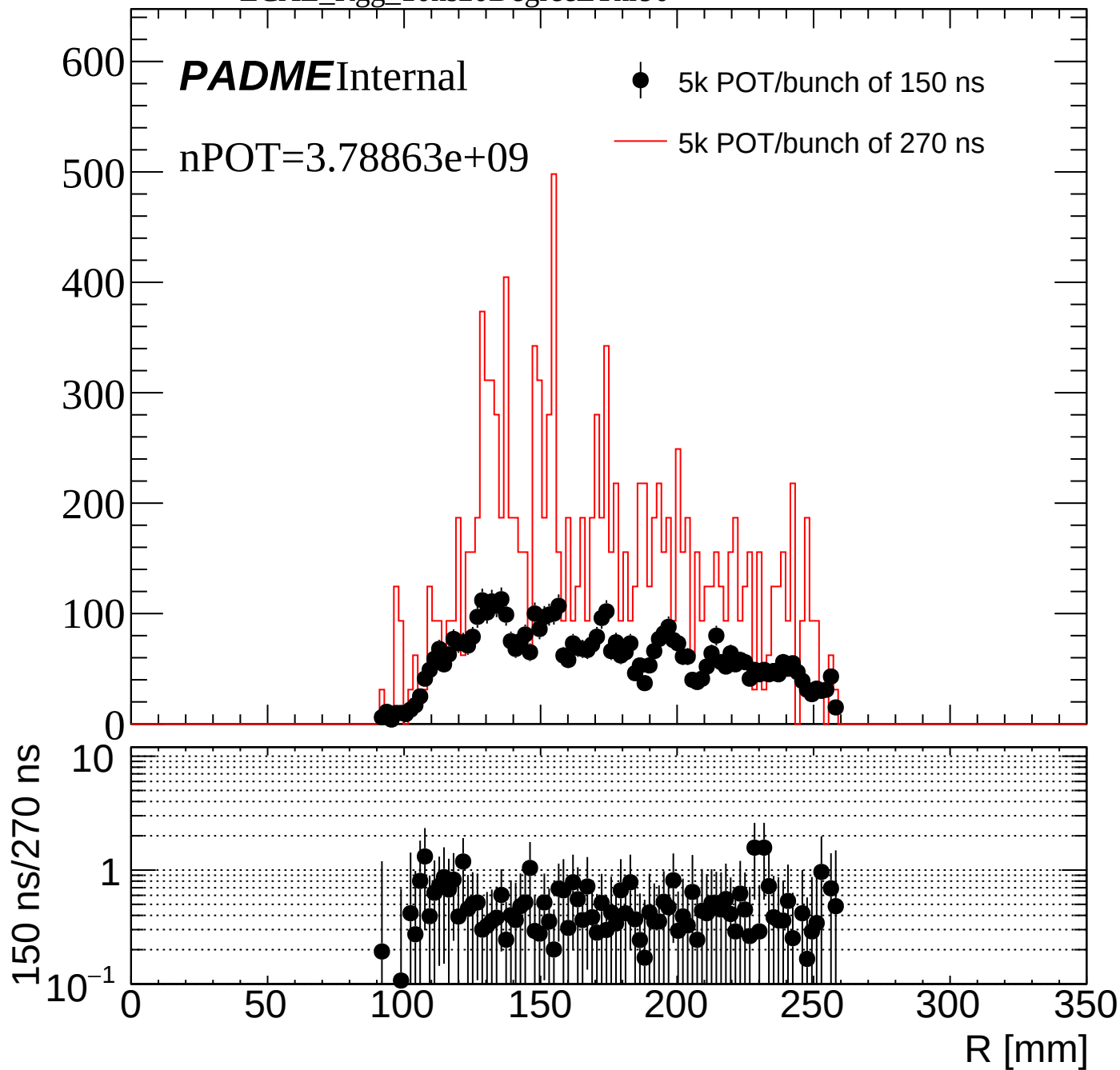


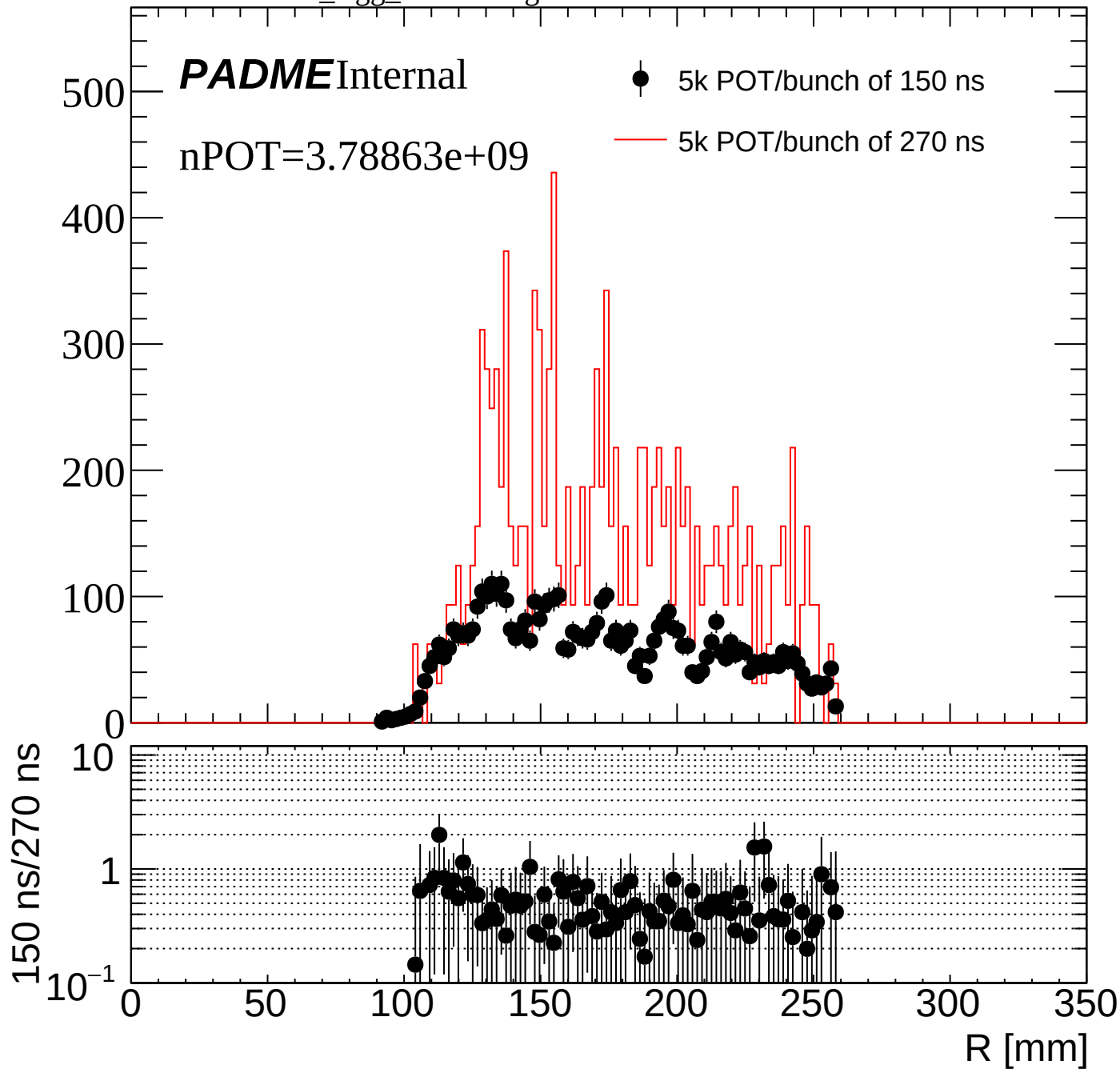










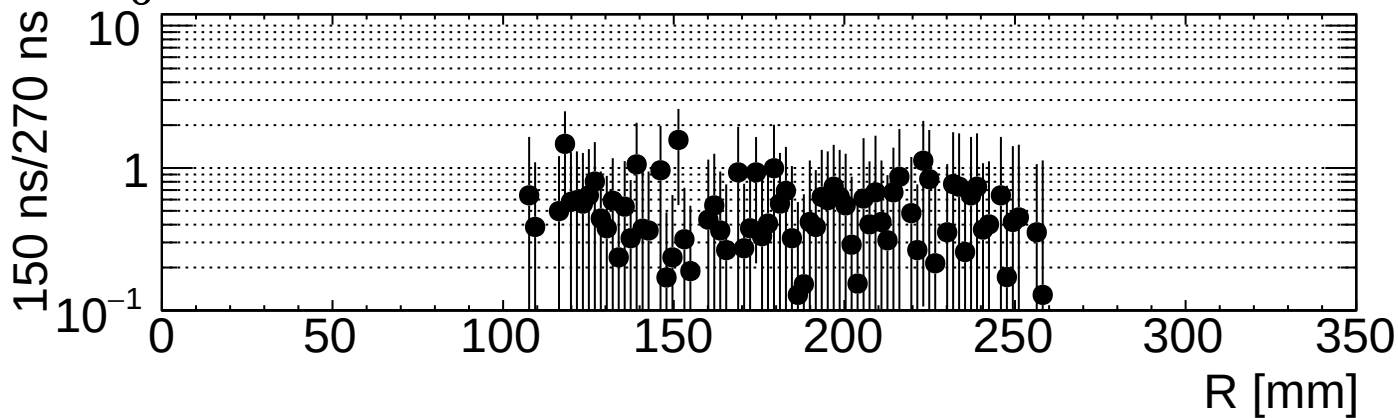


PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns

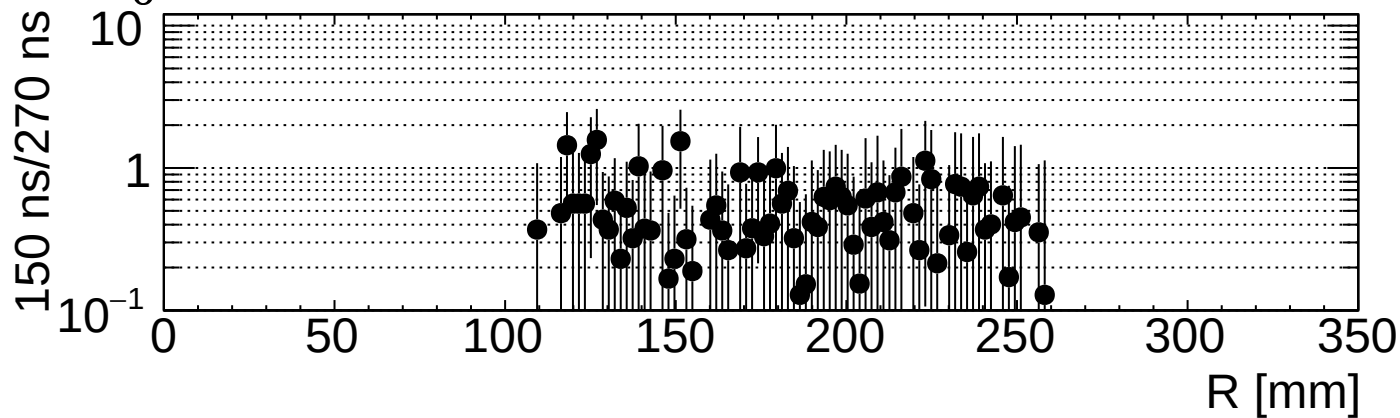


PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



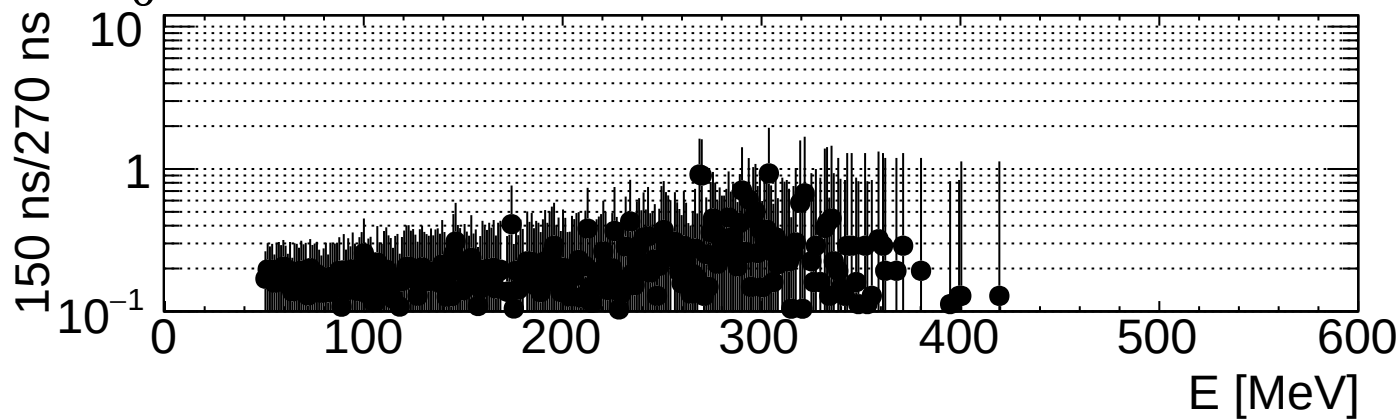
ECAL_Egg_10ns

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



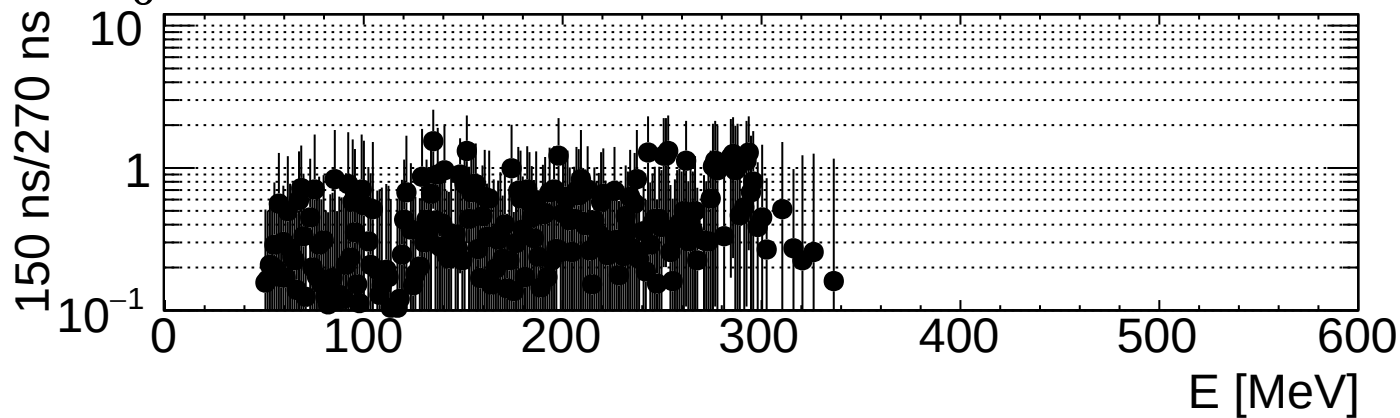
ECAL_Egg_10ns20Degree

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



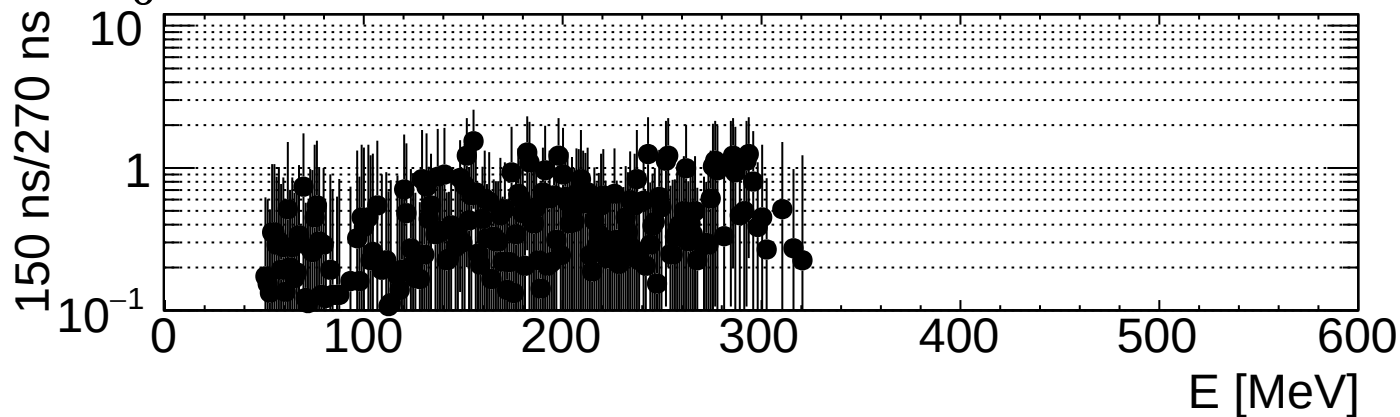
ECAL_Egg_10ns20DegreeDeltaTheta

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



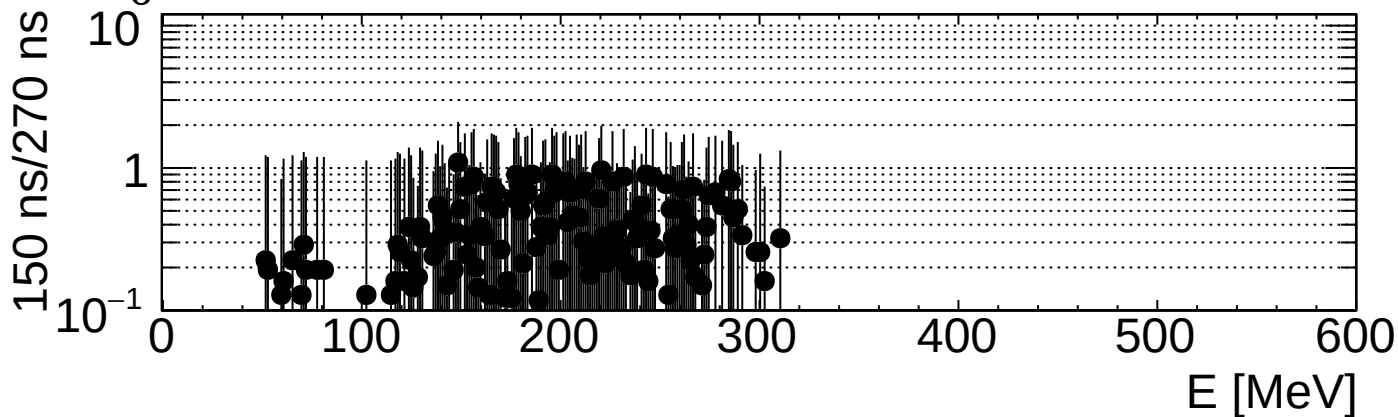
ECAL_Egg_10ns5DegreeDeltaTheta

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



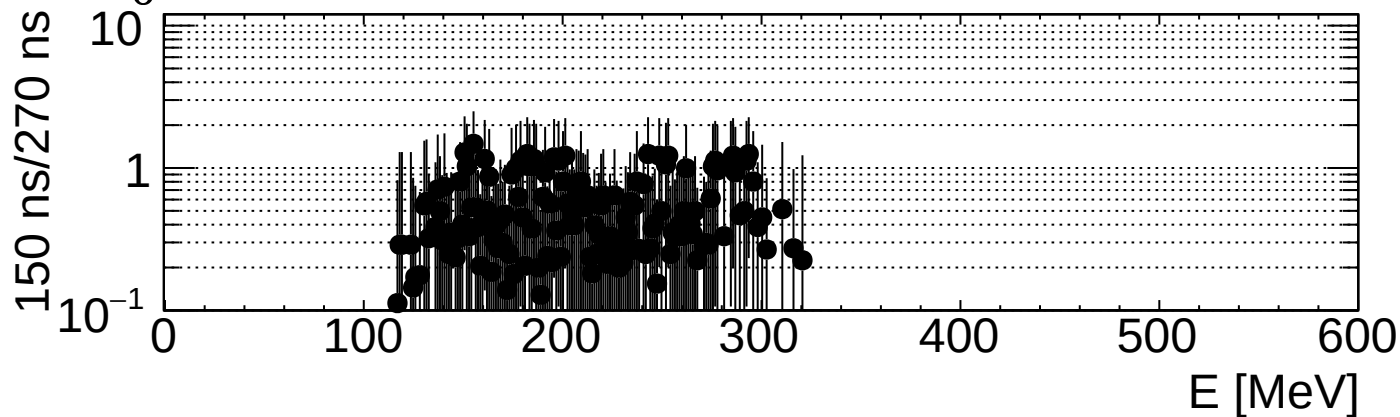
ECAL_Egg_10ns20DegreeDeltaThetaUnderPeak

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



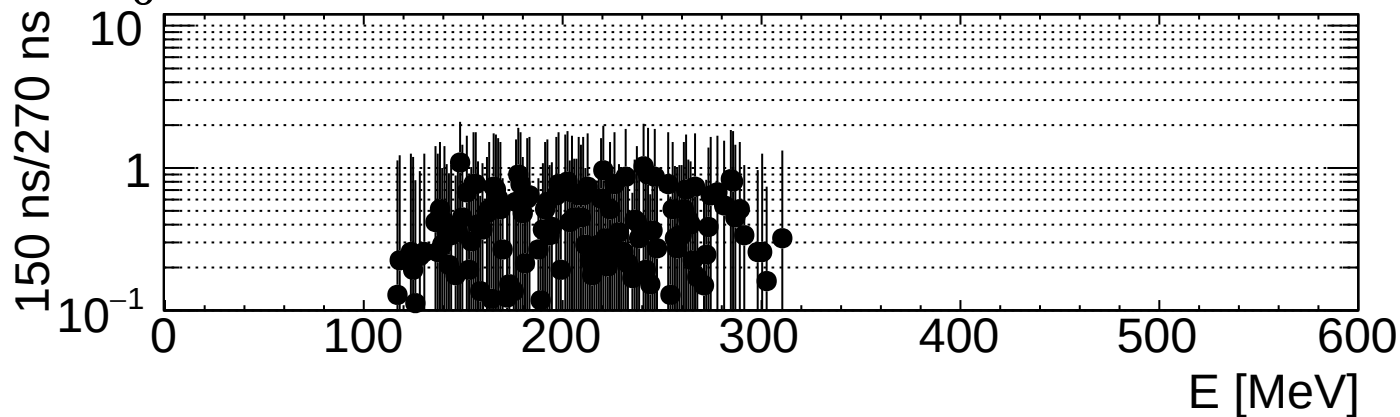
ECAL_Egg_10ns5DegreeDeltaThetaUnderPeak

PADME Internal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



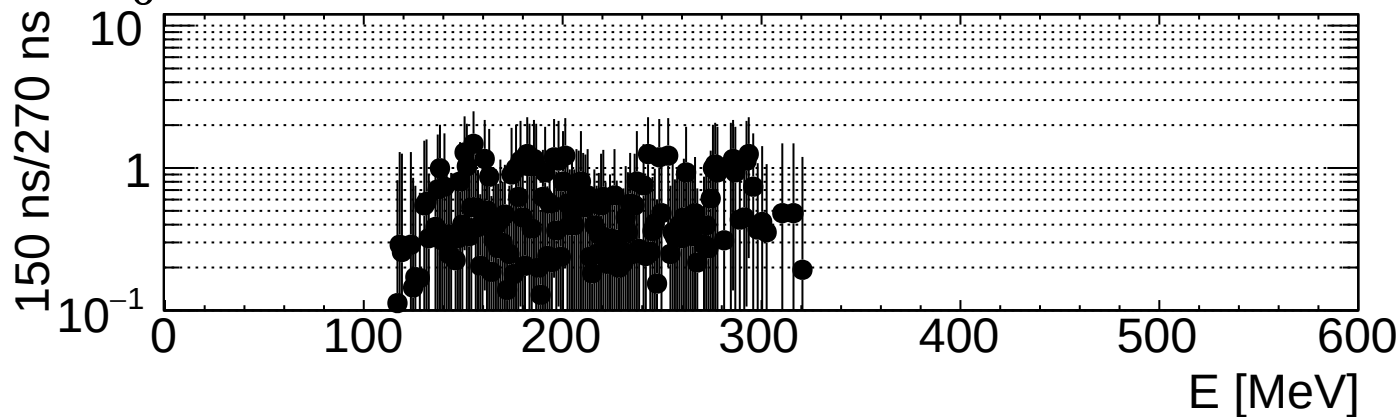
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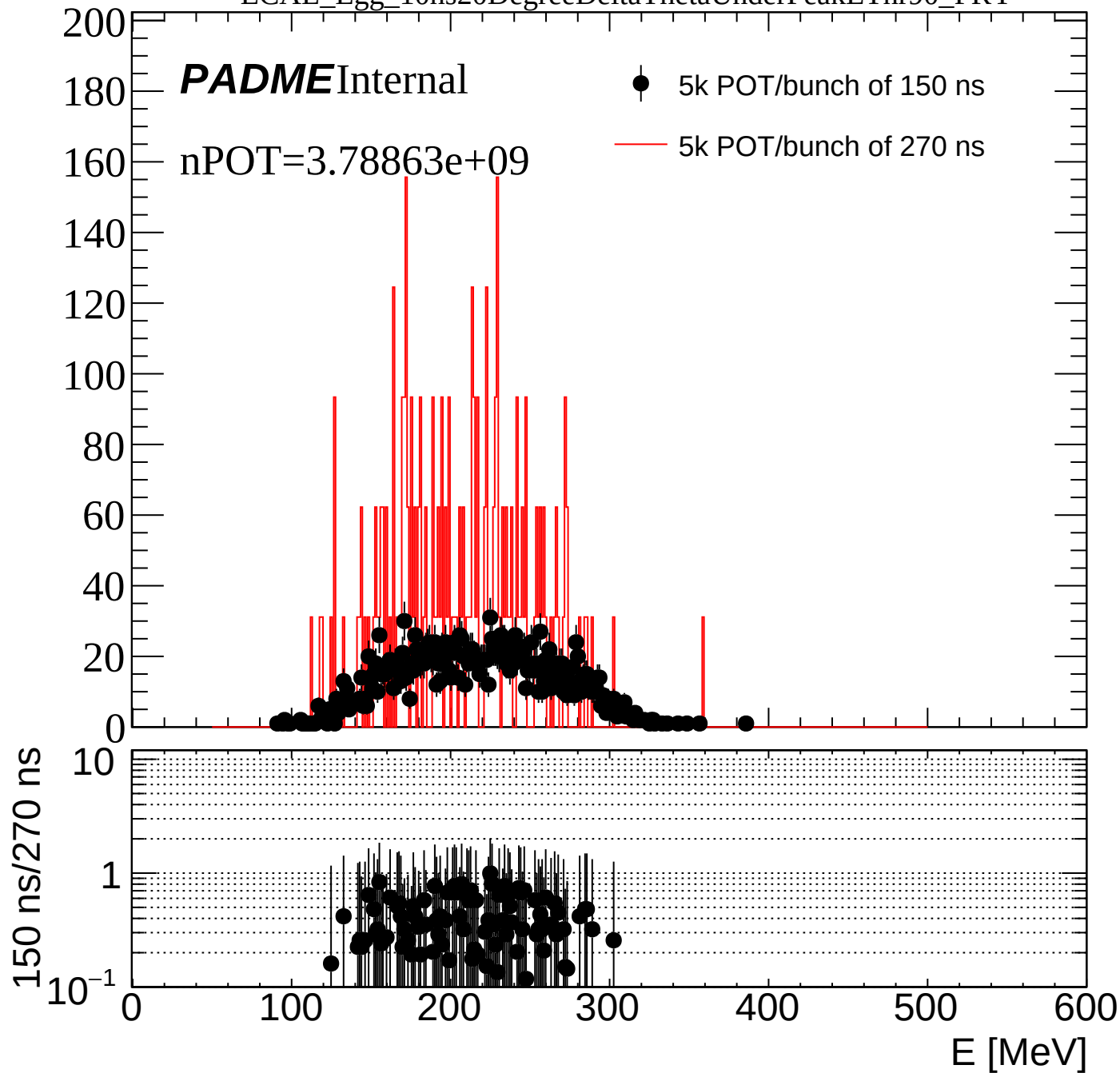
PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns





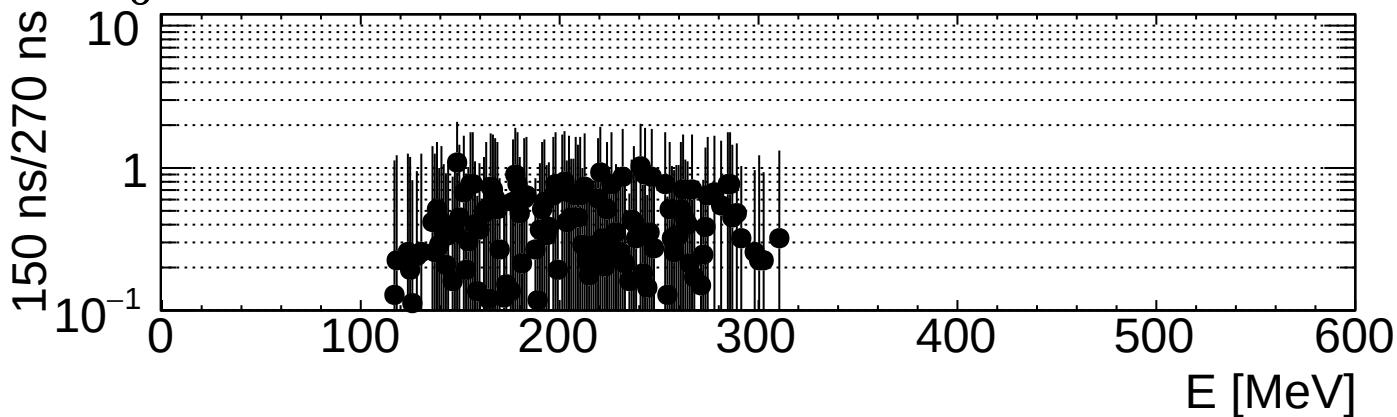
ECAL_Egg_10ns5DegreeDeltaThetaUnderPeakEThr90

PADME Internal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



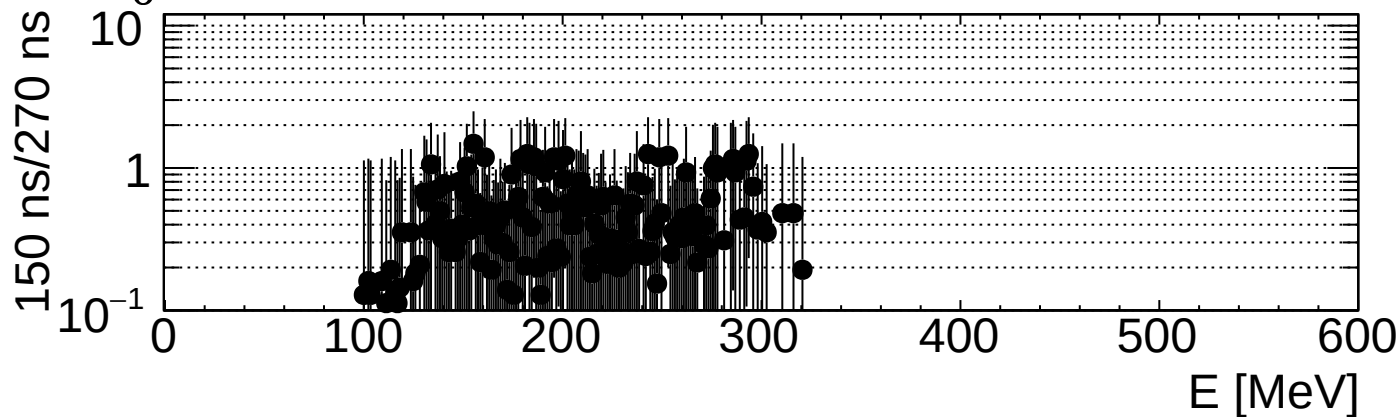
ECAL_Egg_10ns20DegreeDeltaThetaEThr90

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



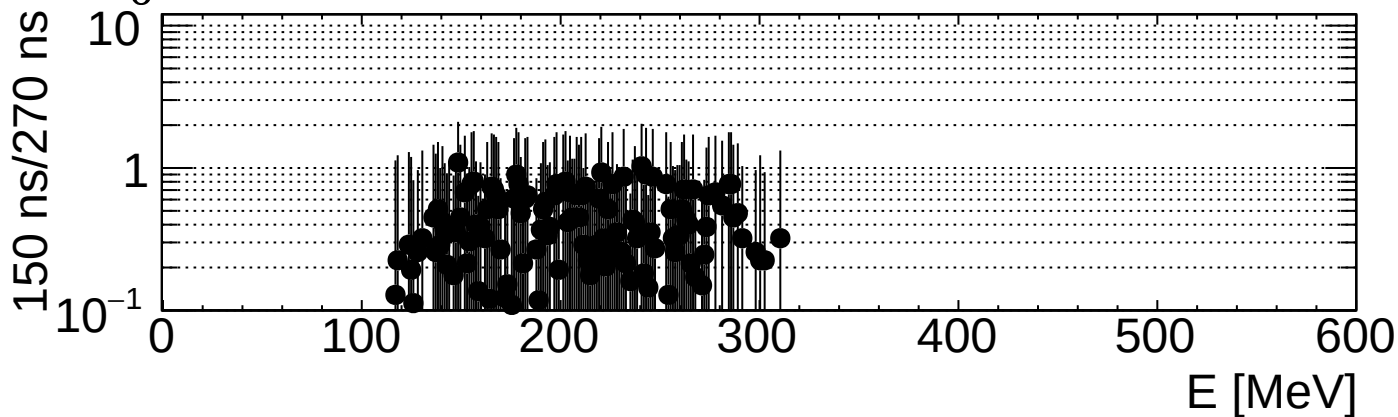
ECAL_Egg_10ns5DegreeDeltaThetaEThr90

PADME Internal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



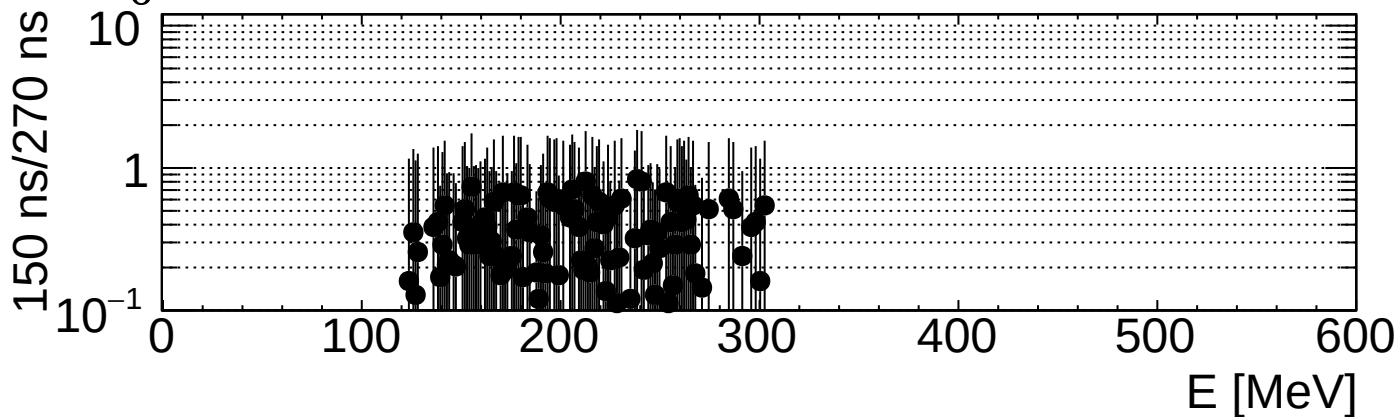
ECAL_Egg_10ns1CoG

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



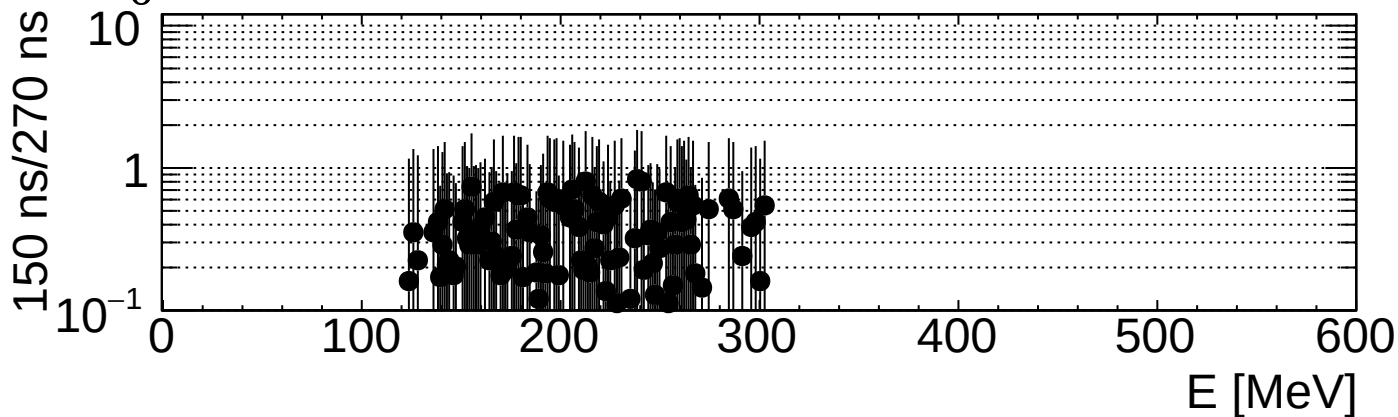
ECAL_Egg_10ns1CoGUnderPeak

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



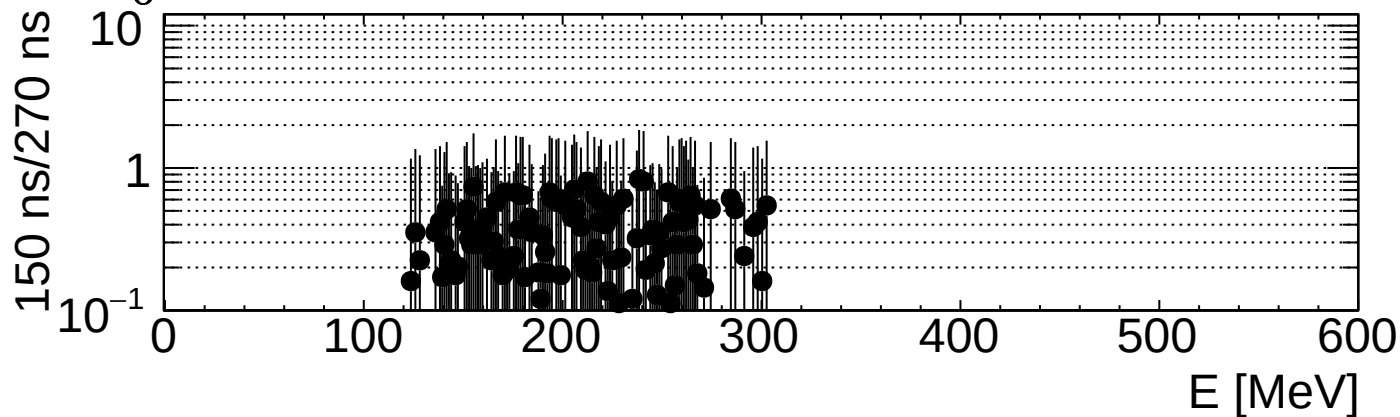
ECAL_Egg_10ns1CoGUnderPeakEThr90

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



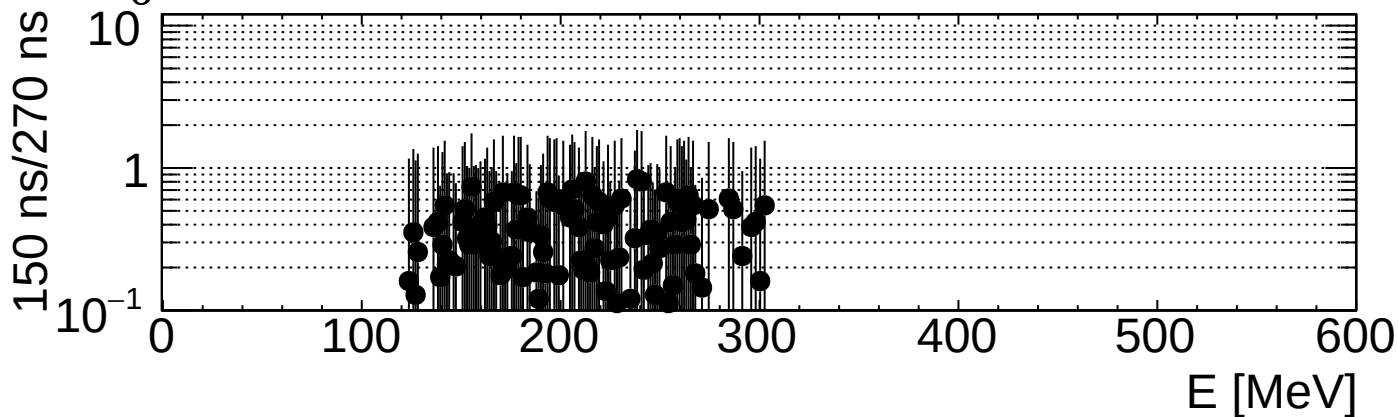
ECAL_Egg_10ns1CoGEThr90

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



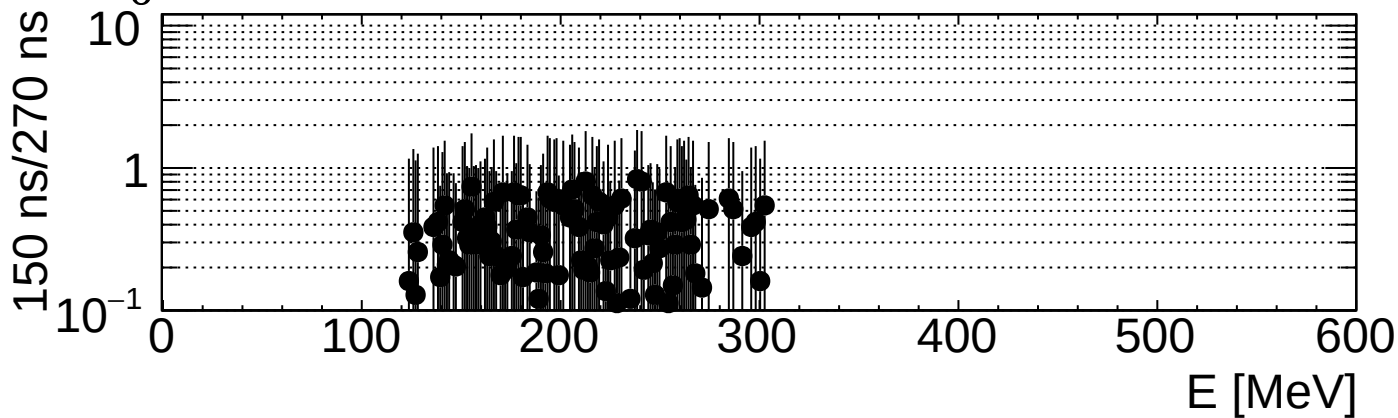
ECAL_Egg_10ns1CoG20Degree

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns

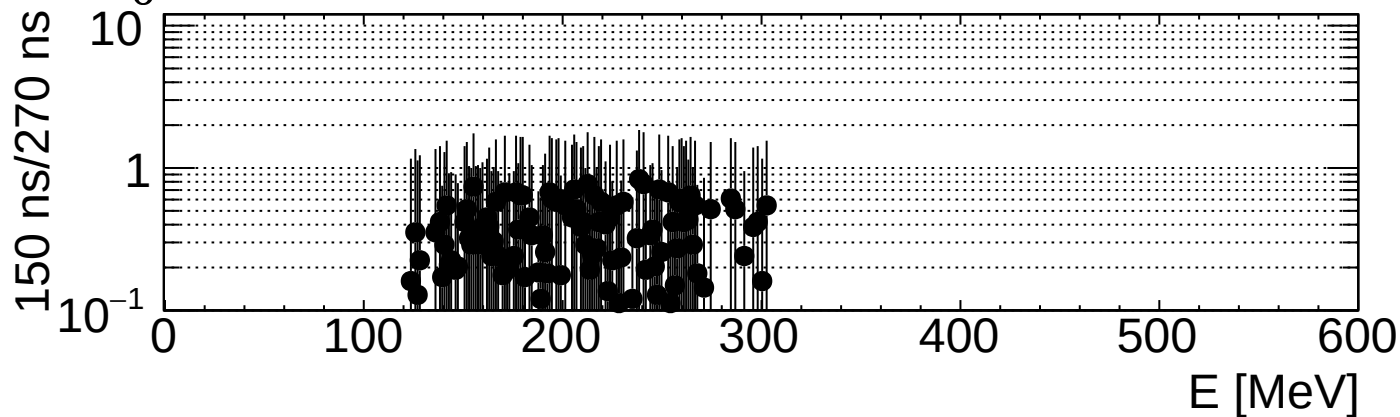


PADME Internal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns

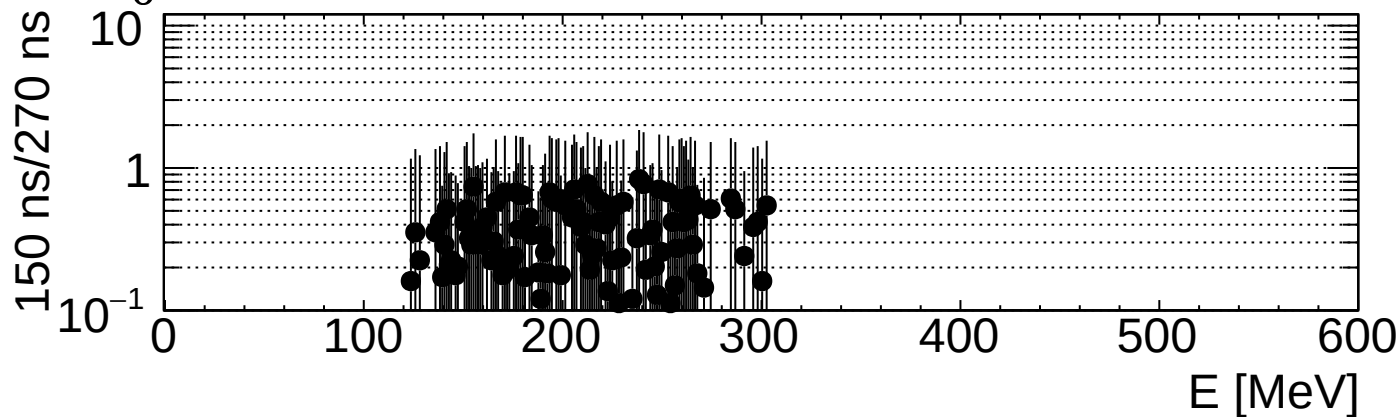


PADME Internal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



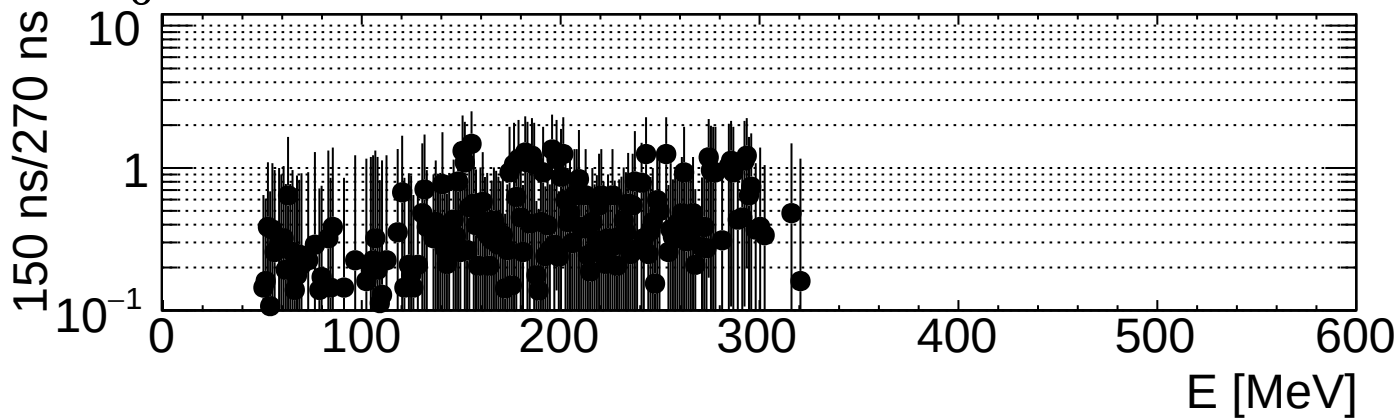
ECAL_Egg_10ns3CoG

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



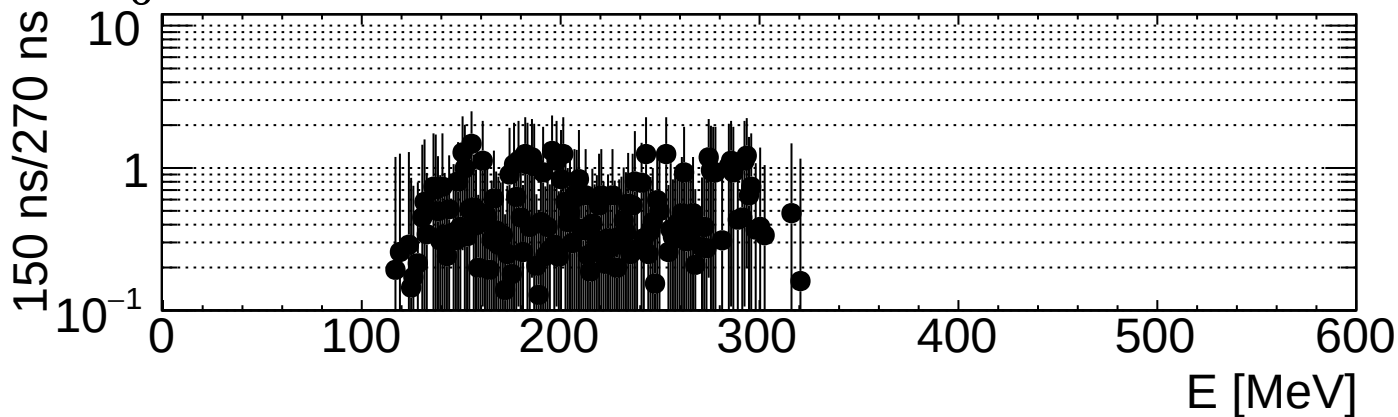
ECAL_Egg_10ns3CoGUnderPeak

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



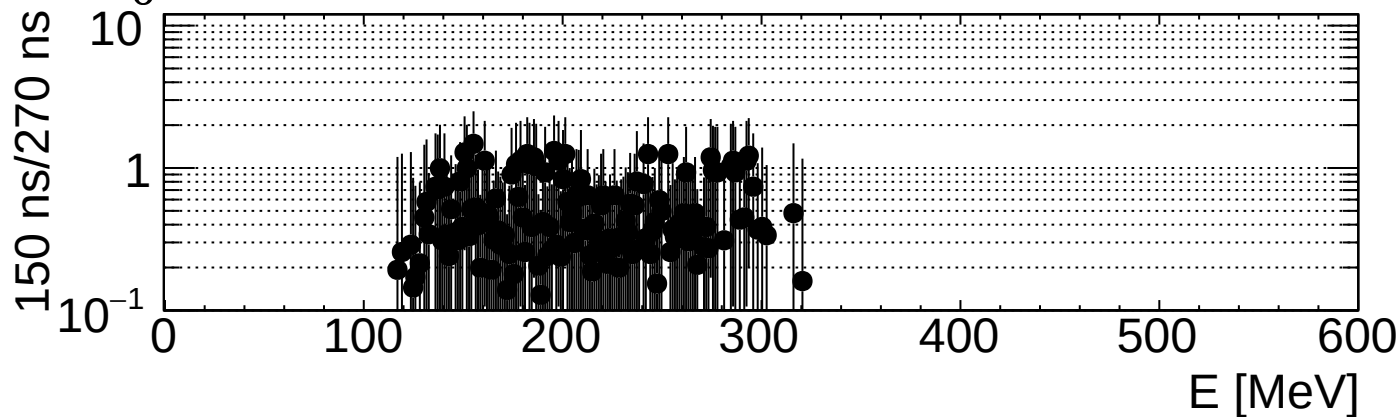
ECAL_Egg_10ns3CoGUnderPeakEThr90

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



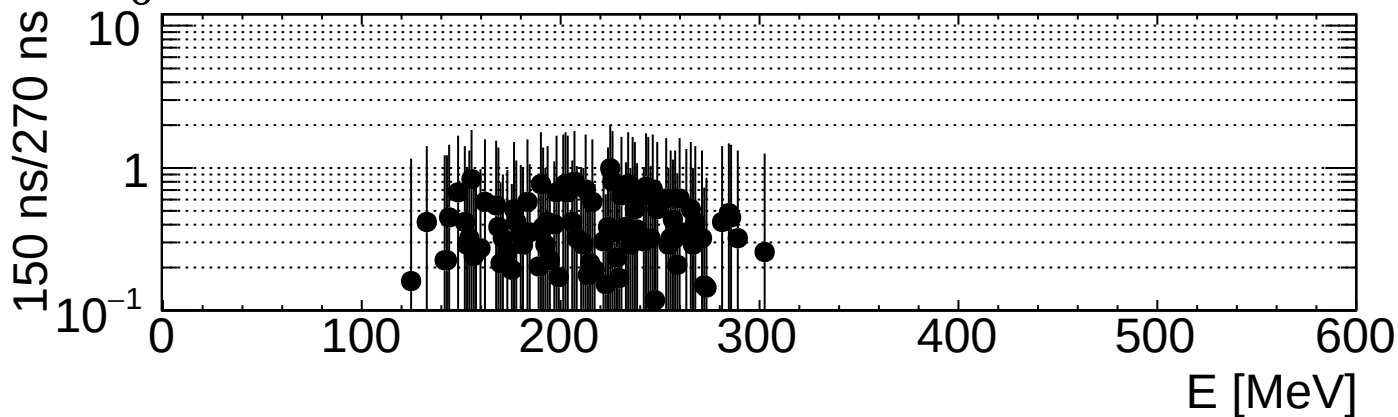
ECAL_Egg_10ns3CoGUnderPeakEThr90_FRY

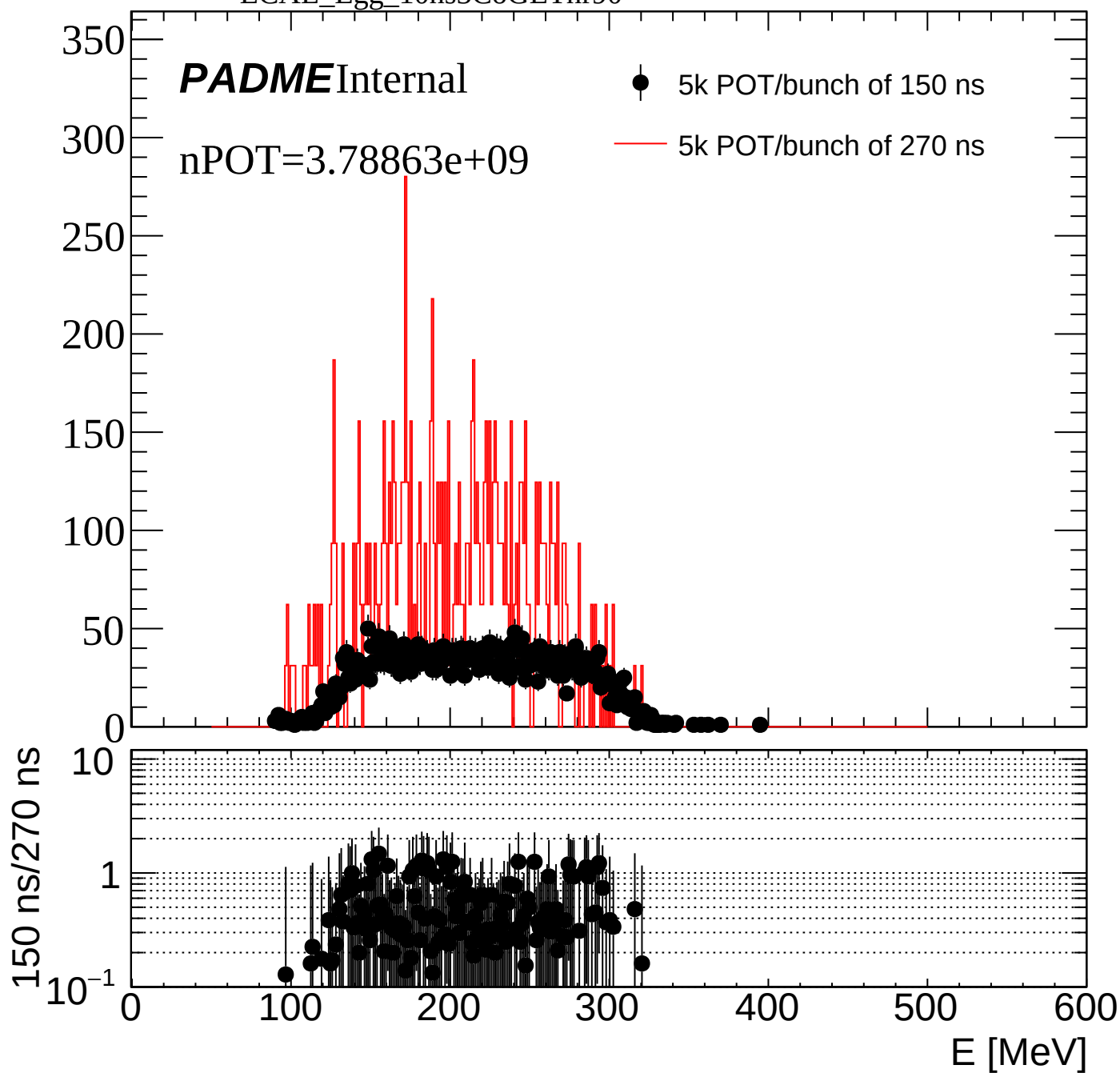
PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns





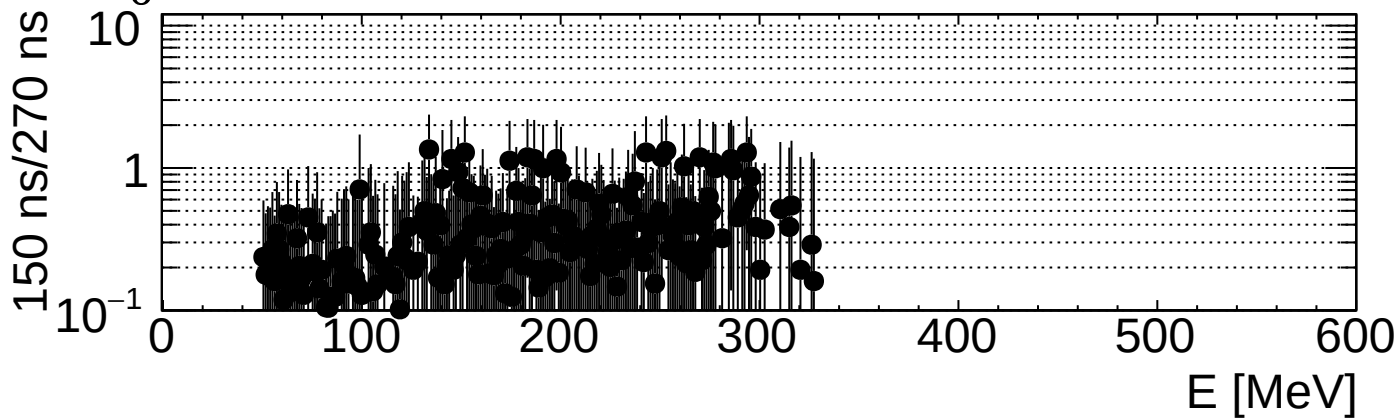
ECAL_Egg_10ns5CoG

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



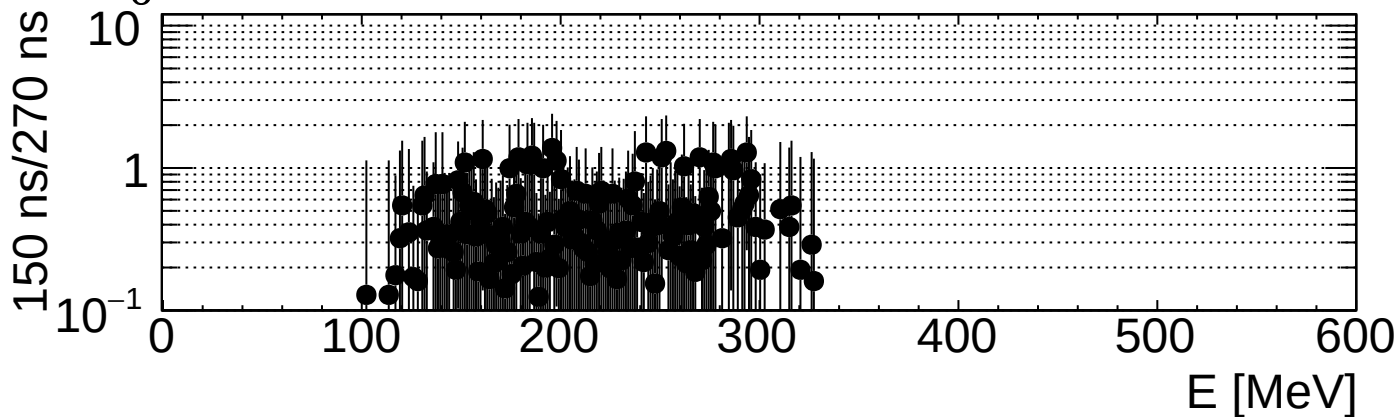
ECAL_Egg_10ns5CoGUnderPeak

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



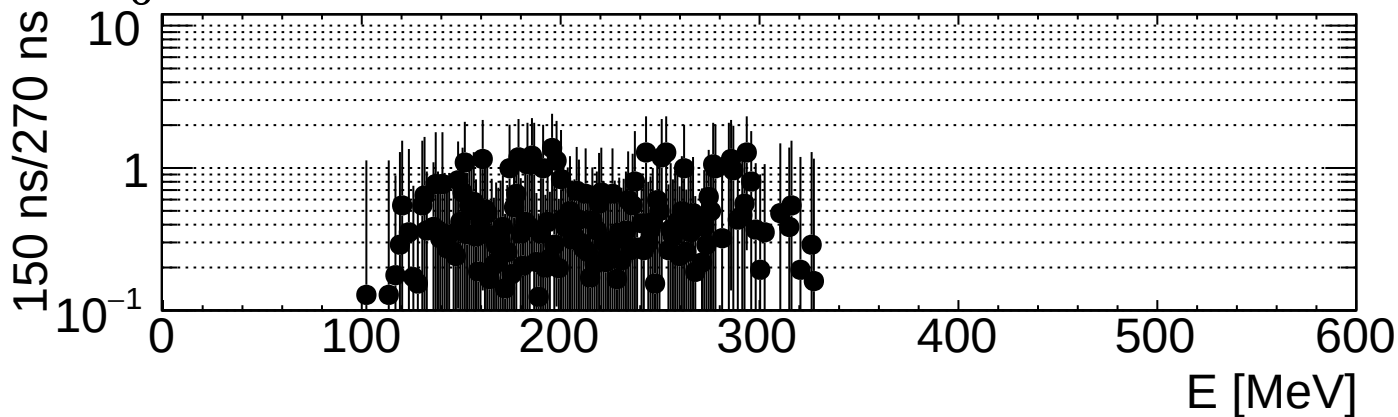
ECAL_Egg_10ns5CoGUnderPeakEThr90

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



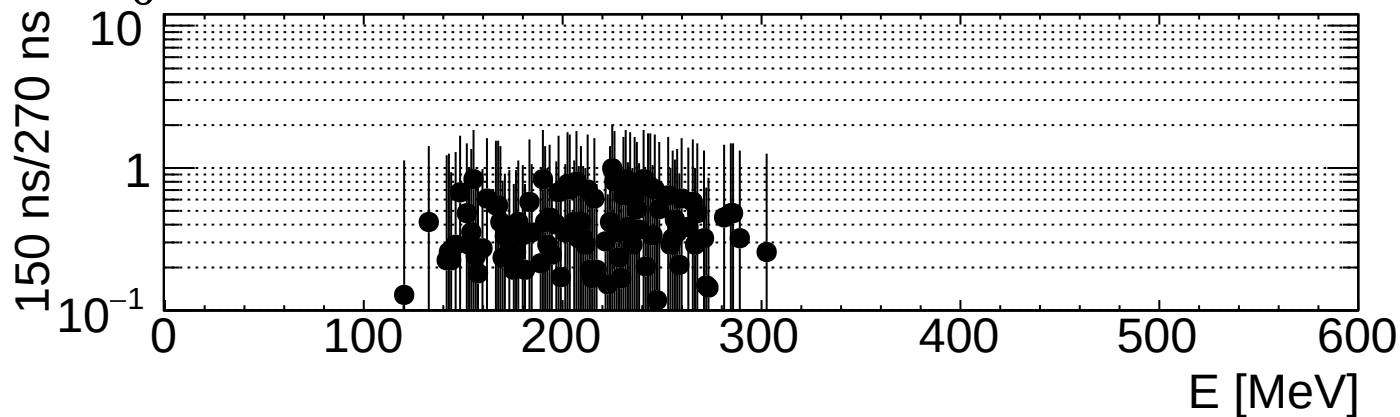
ECAL_Egg_10ns5CoGUnderPeakEThr90_FRY

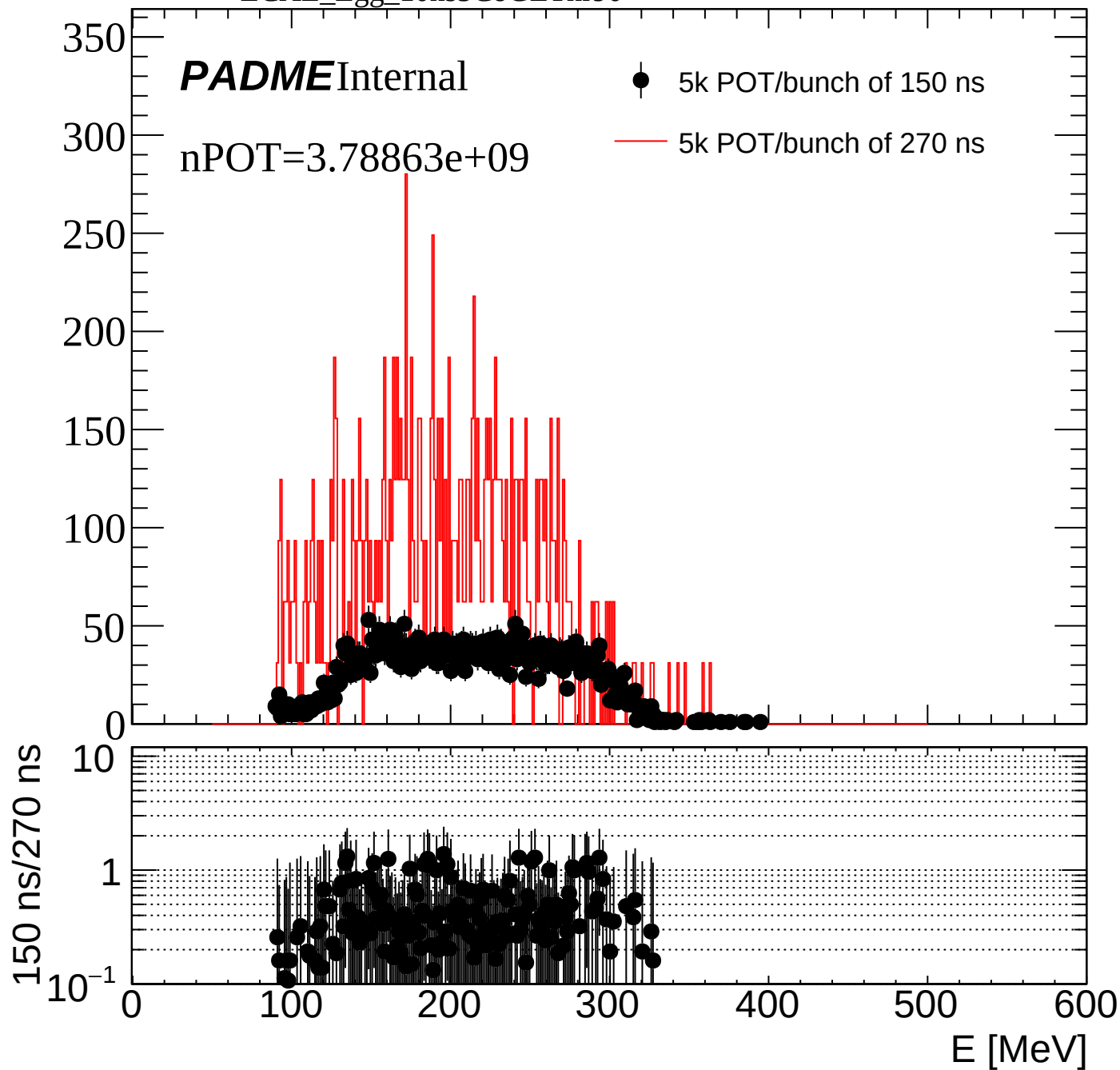
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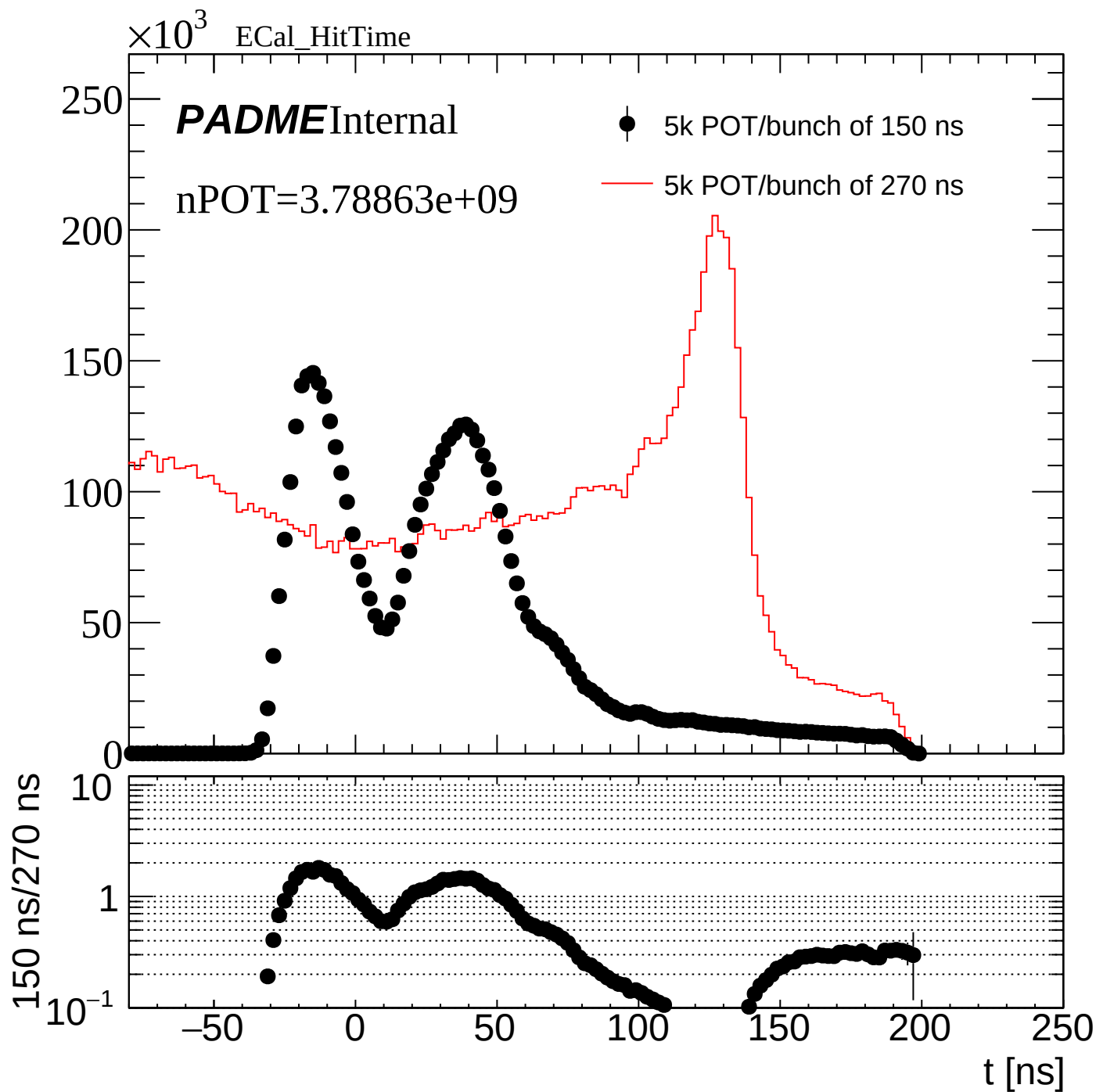
nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

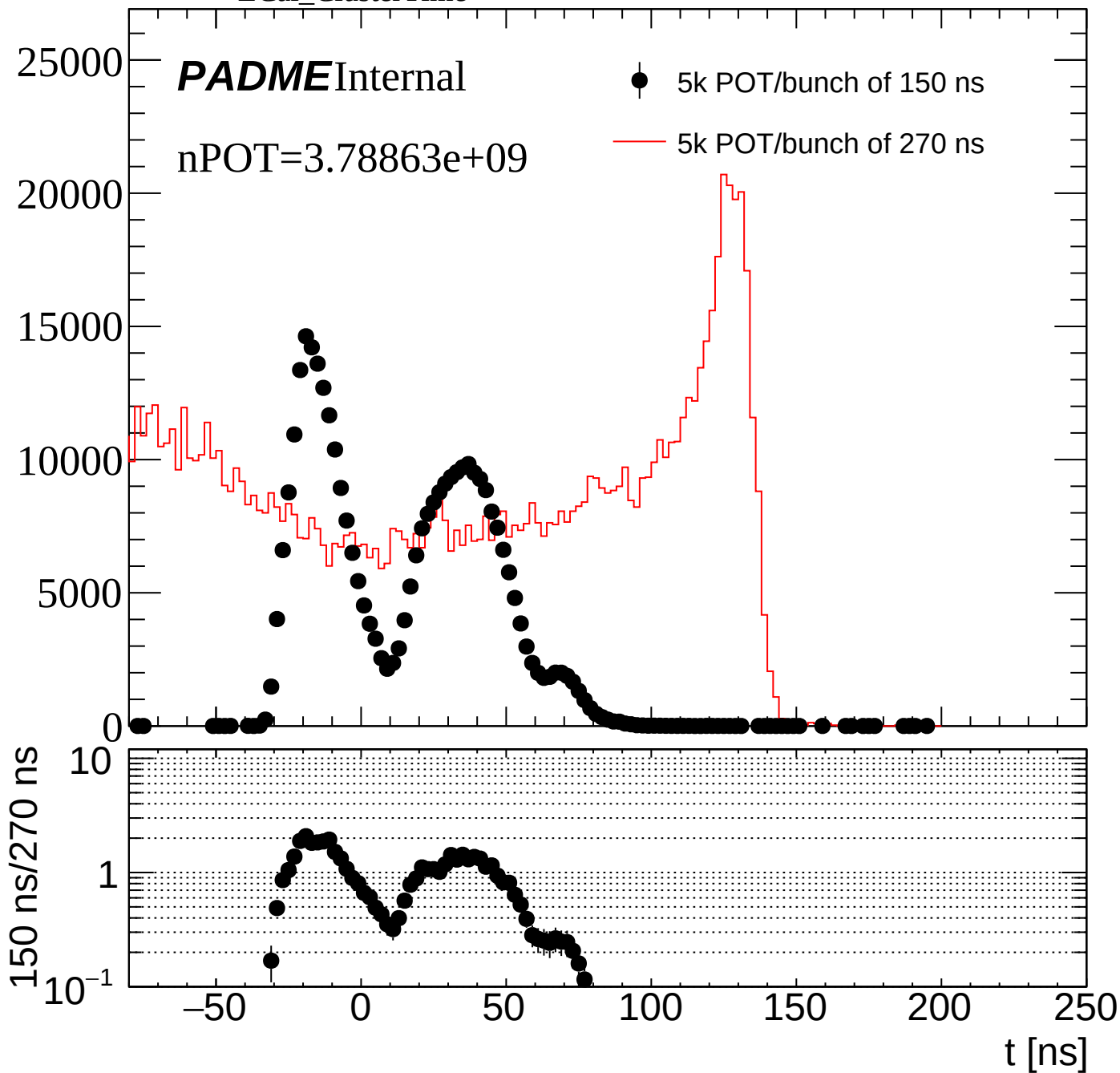
— 5k POT/bunch of 270 ns







ECal_ClusterTime



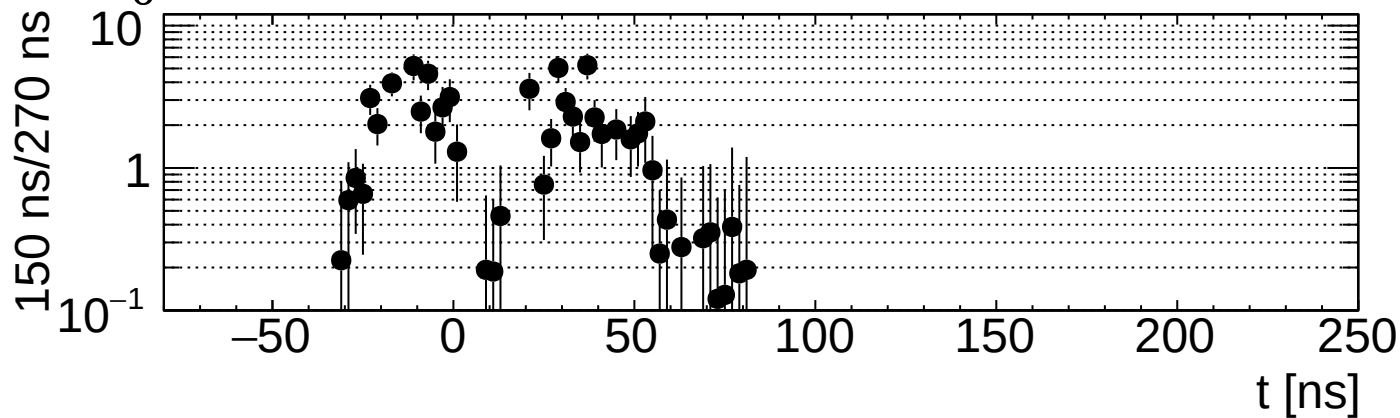
ECAL_tgg_10ns20DegreeDeltaThetaUnderPeakEThr90

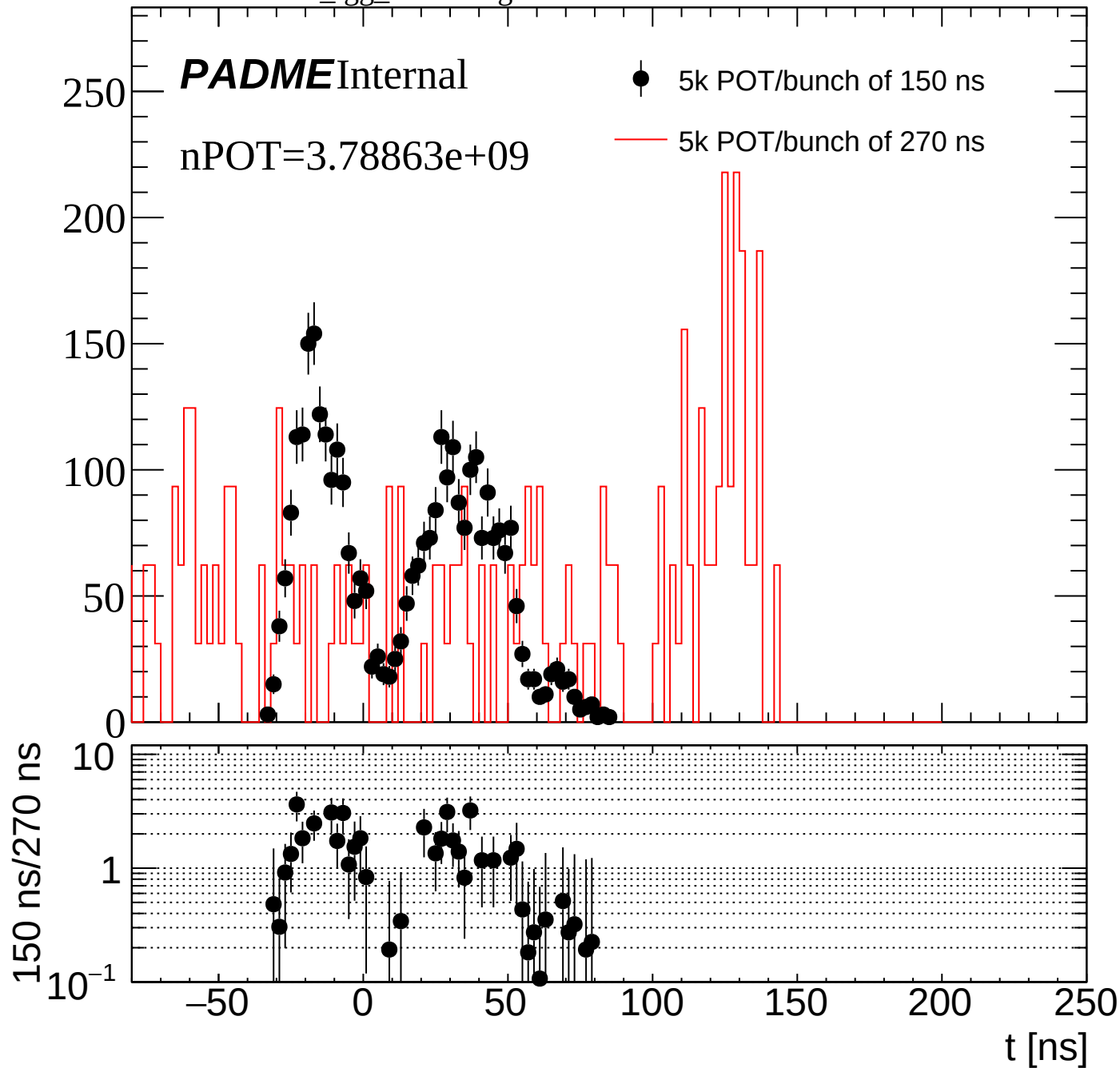
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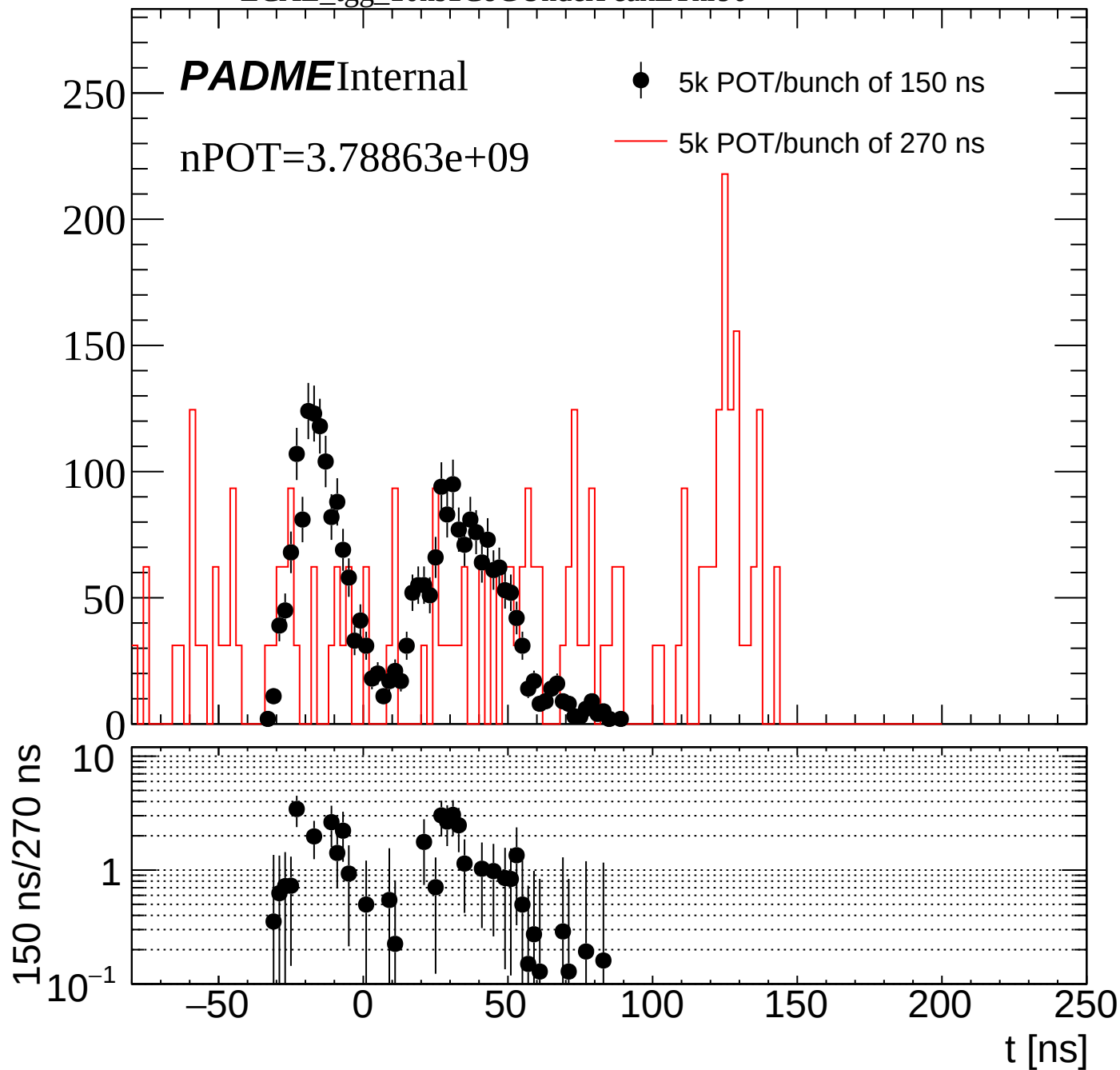
nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

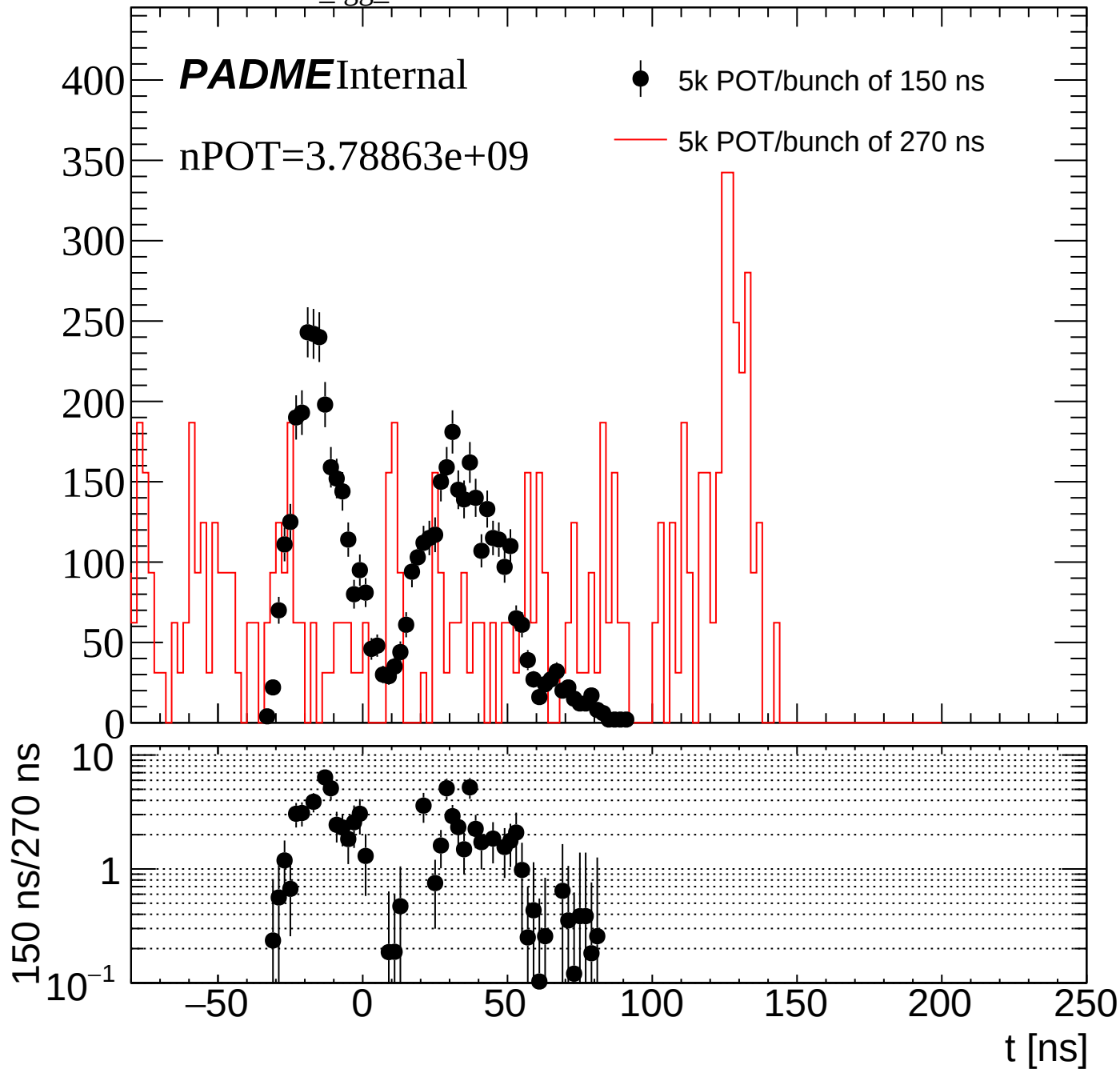
— 5k POT/bunch of 270 ns

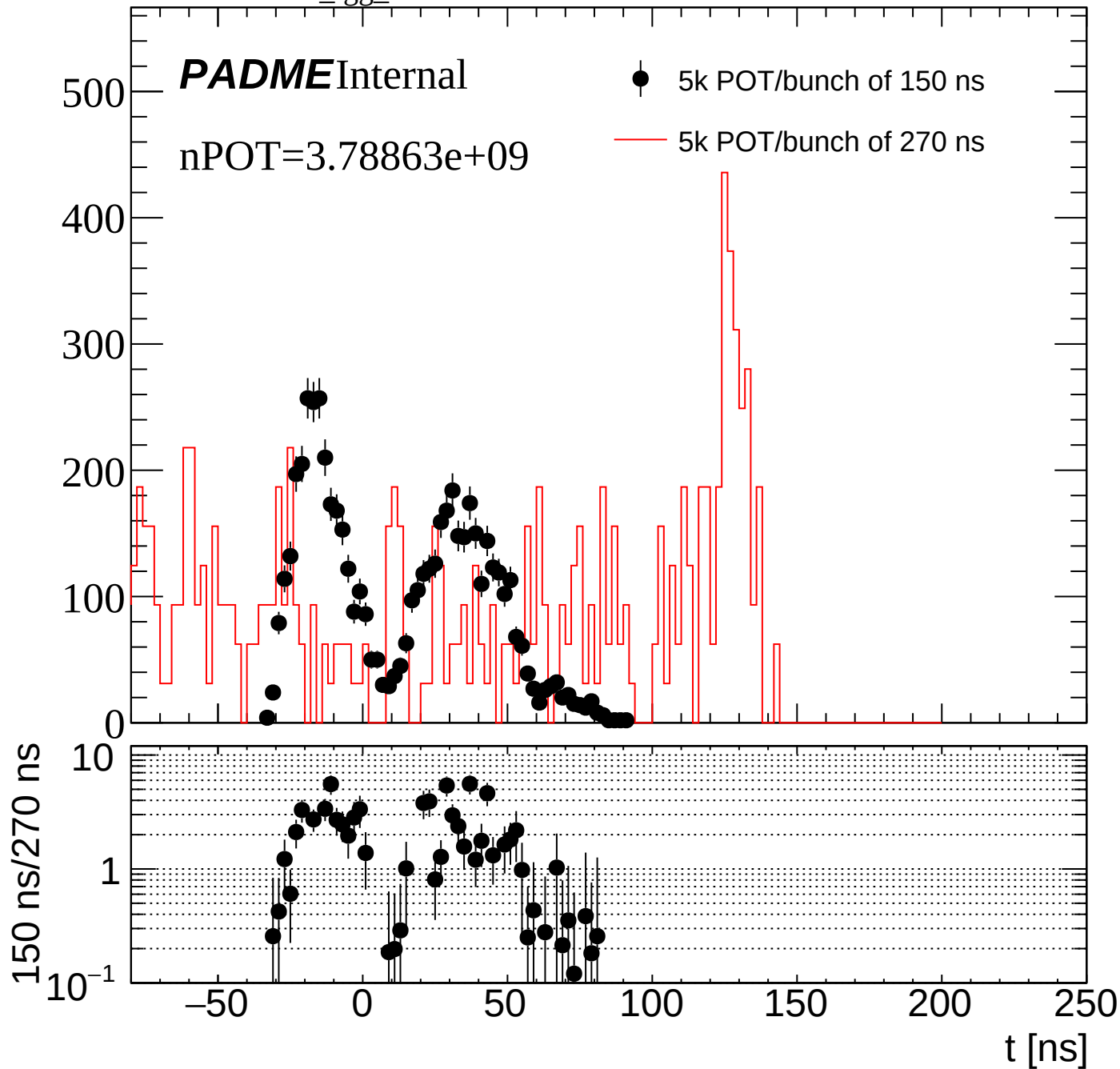






ECAL_tgg_10ns3CoGUnderPeakEThr90





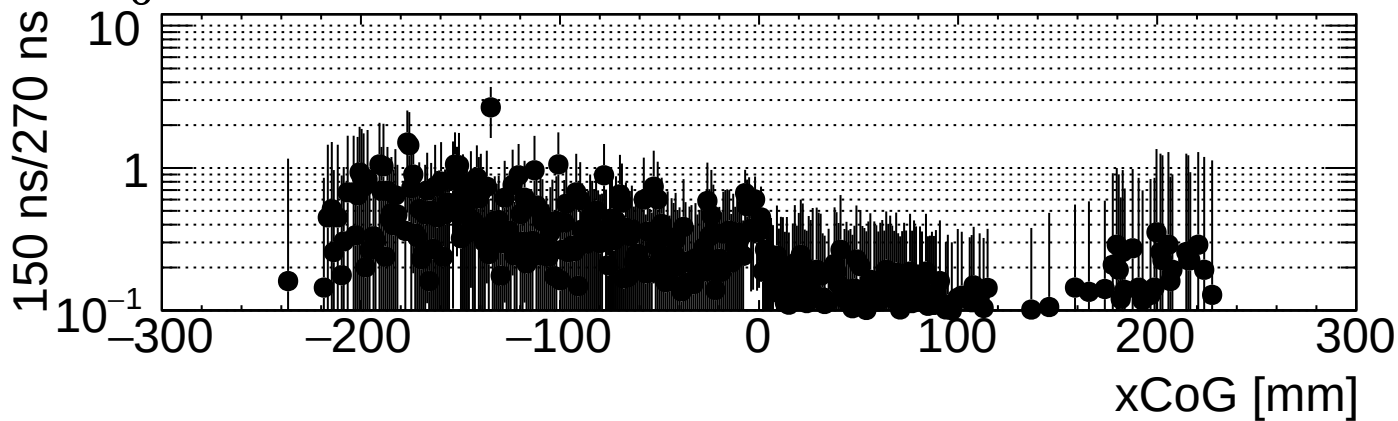
ECal_xCoG_10ns

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



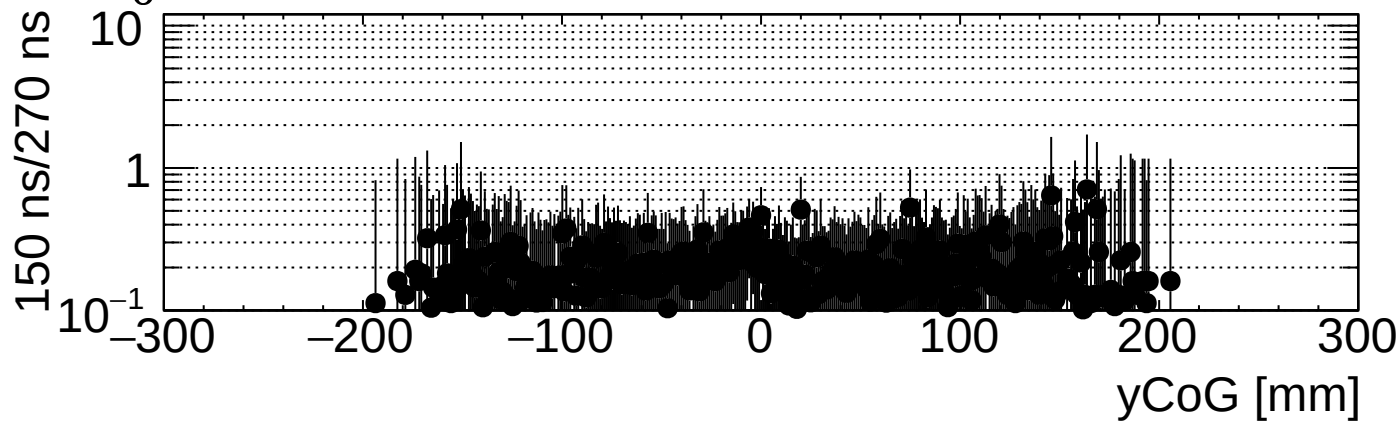
ECal_yCoG_10ns

PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns



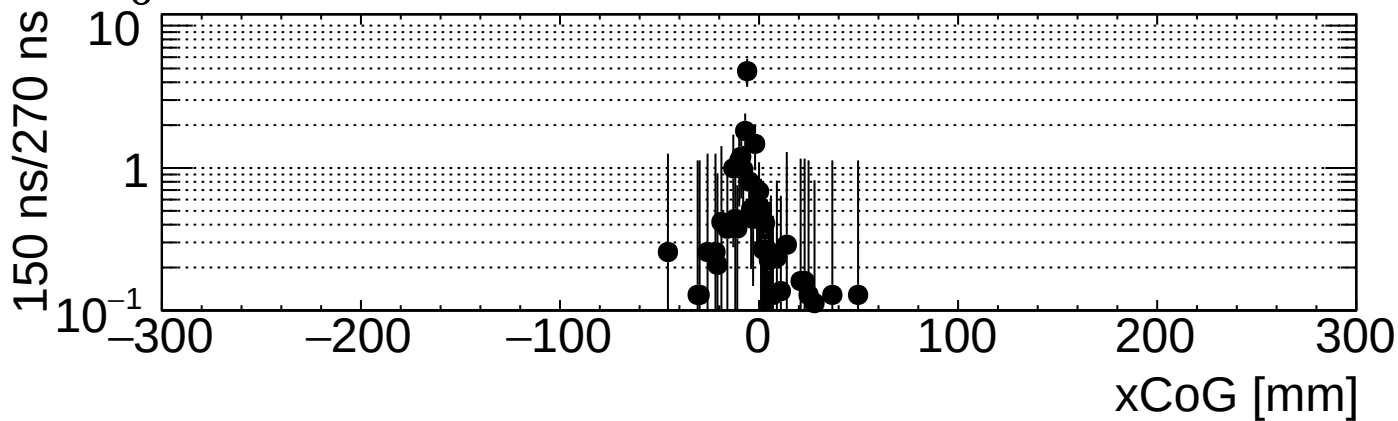
ECAL_xCoGgg_10ns5CoGUnderPeakEThr90

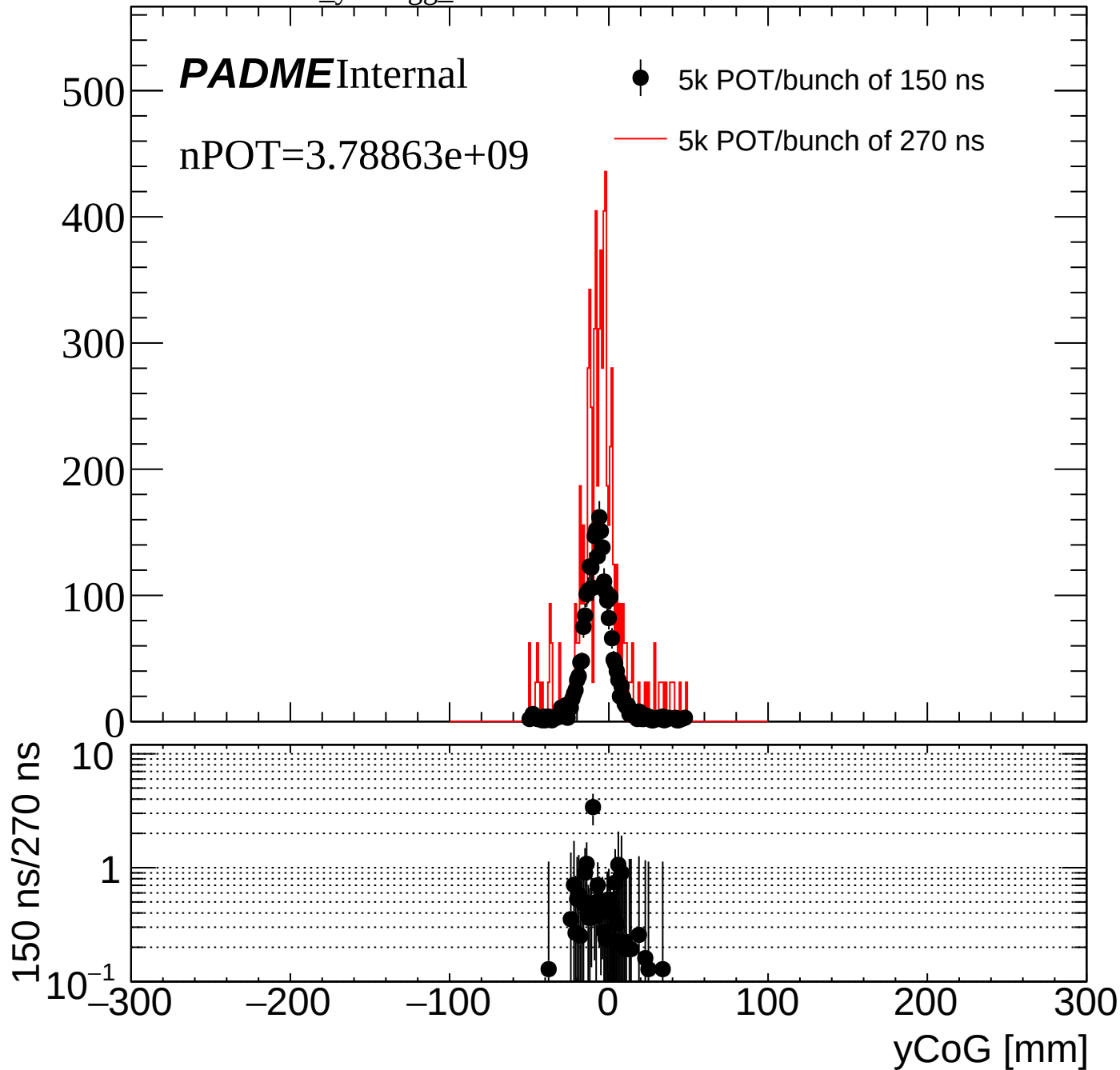
PADMEInternal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns





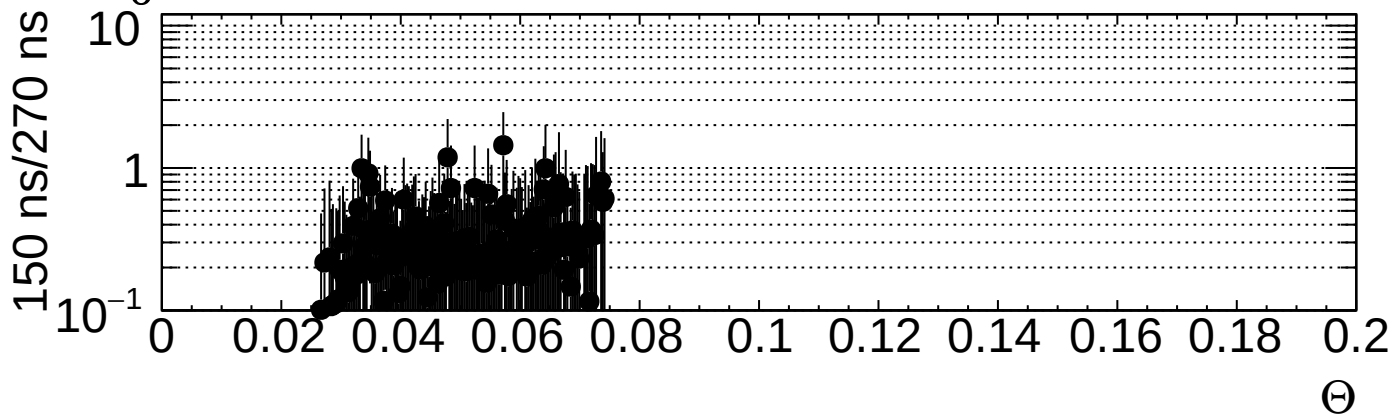
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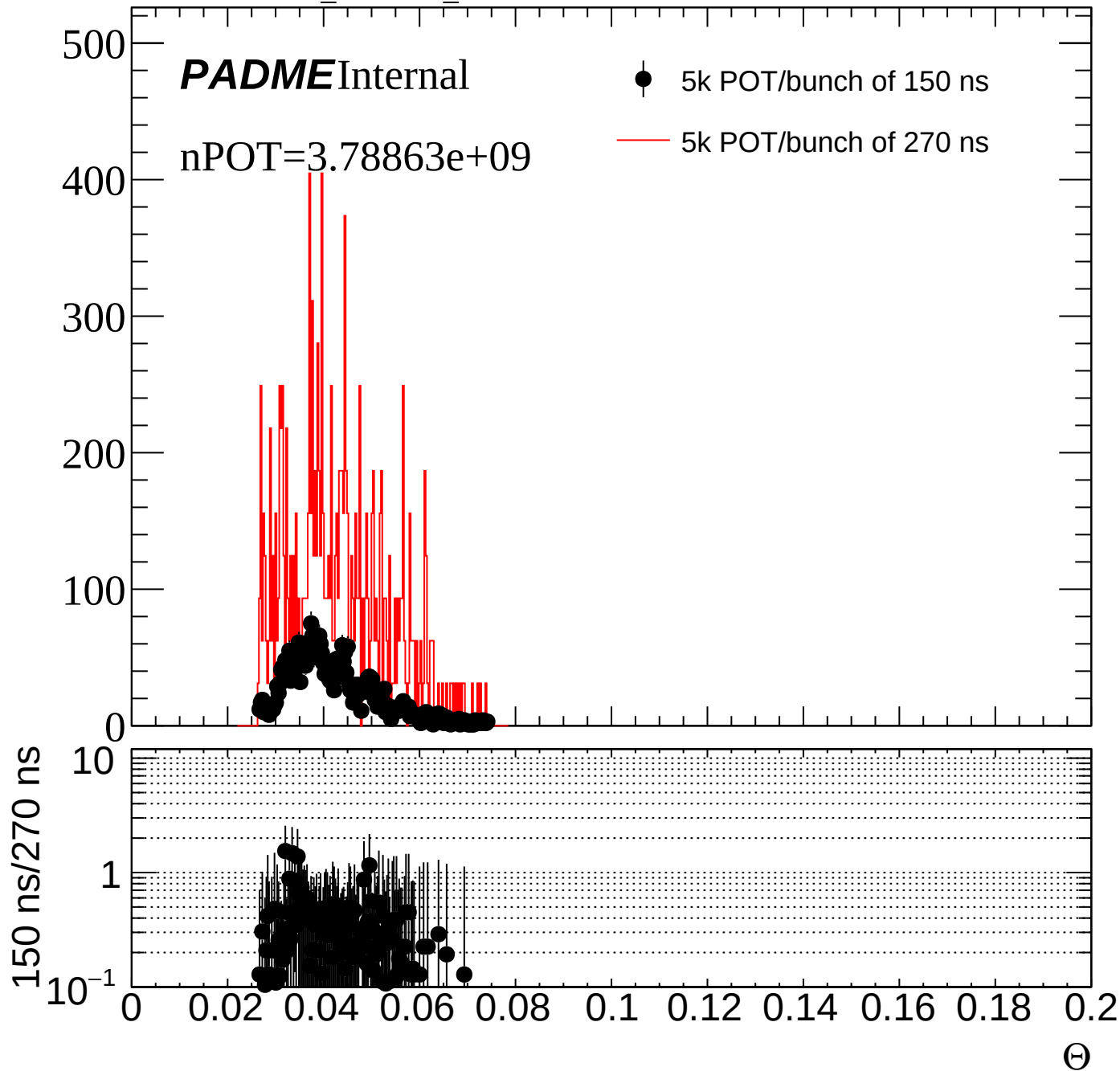
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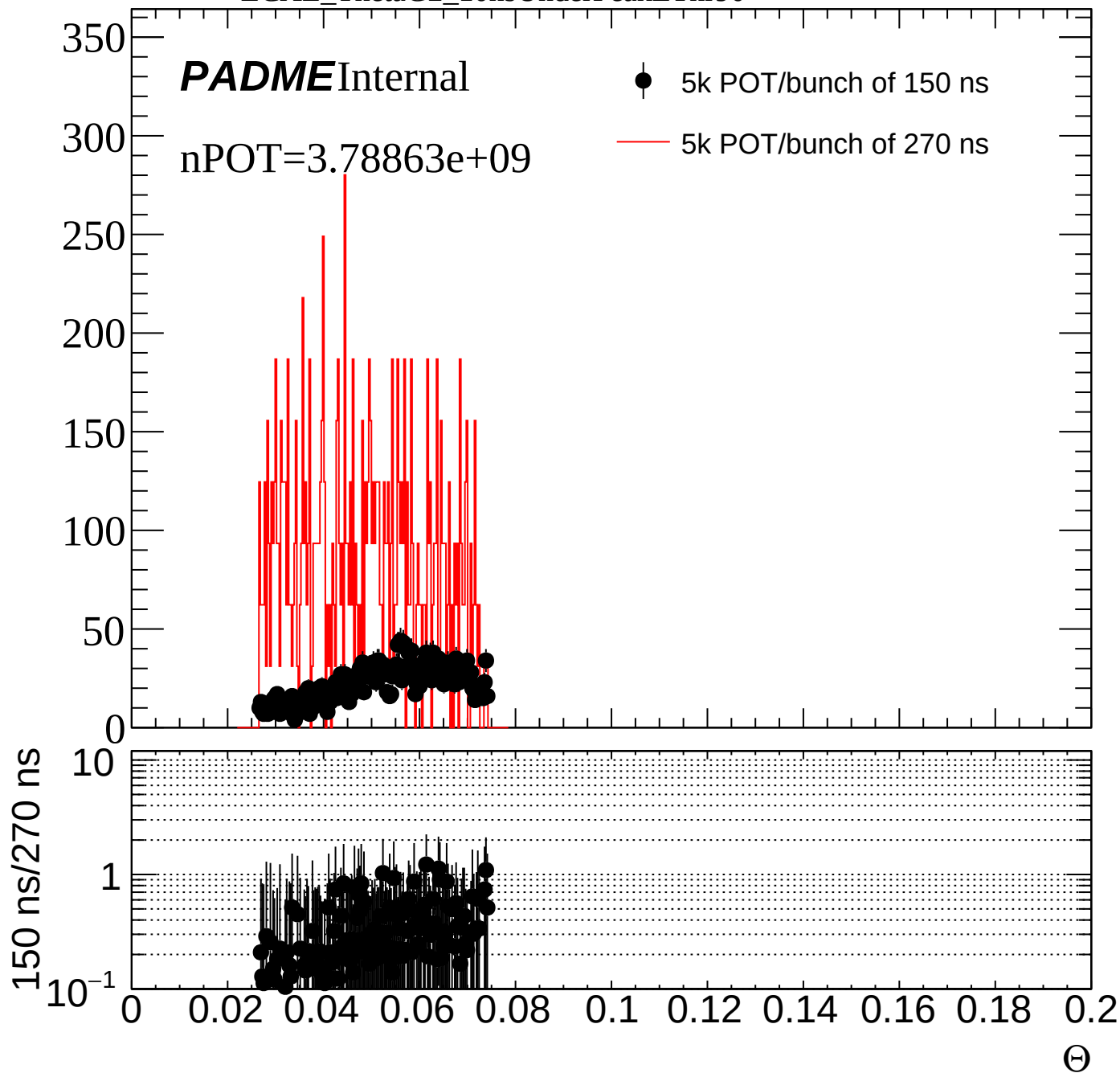
nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

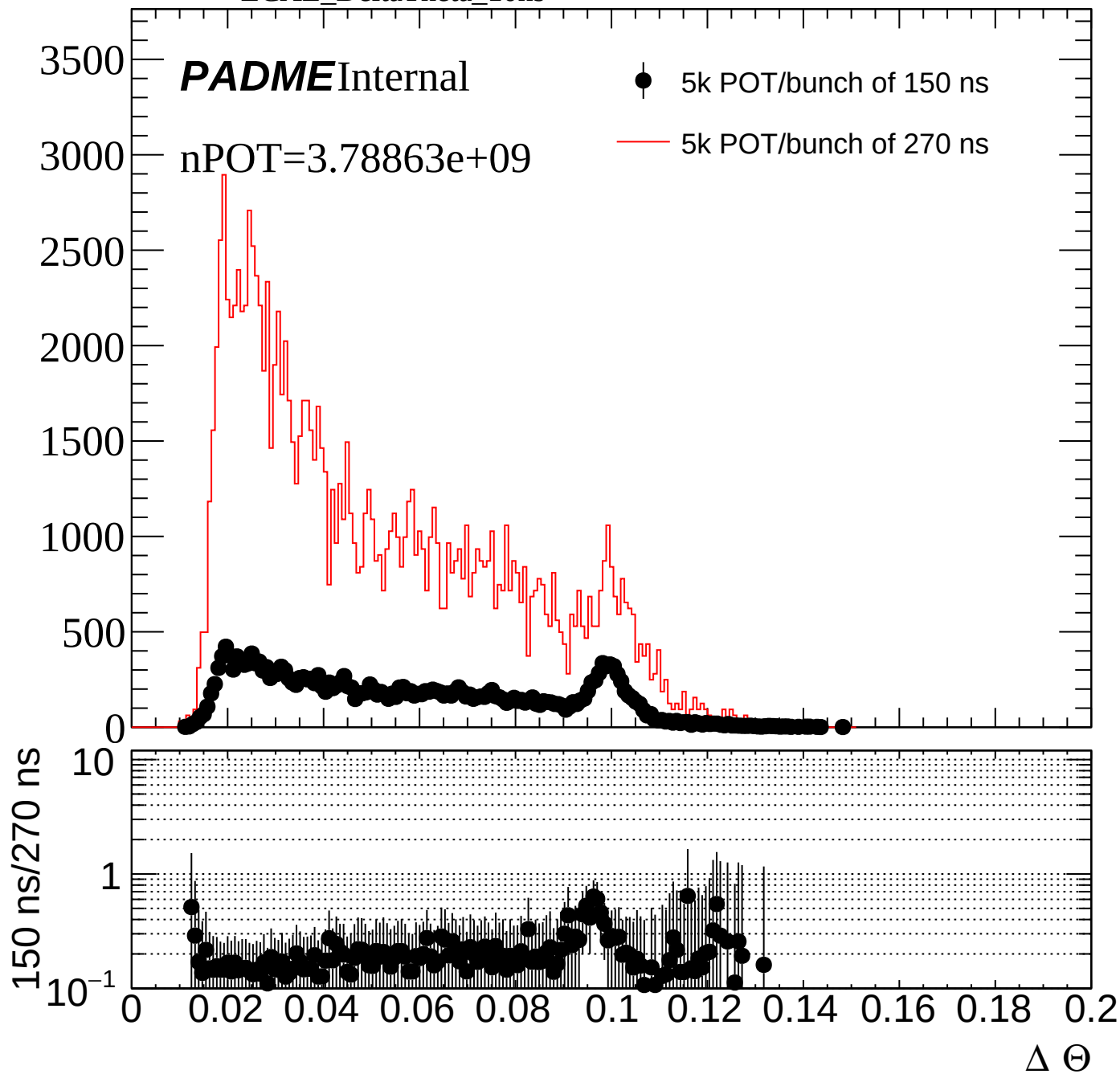
— 5k POT/bunch of 270 ns







ECAL_DeltaTheta_10ns



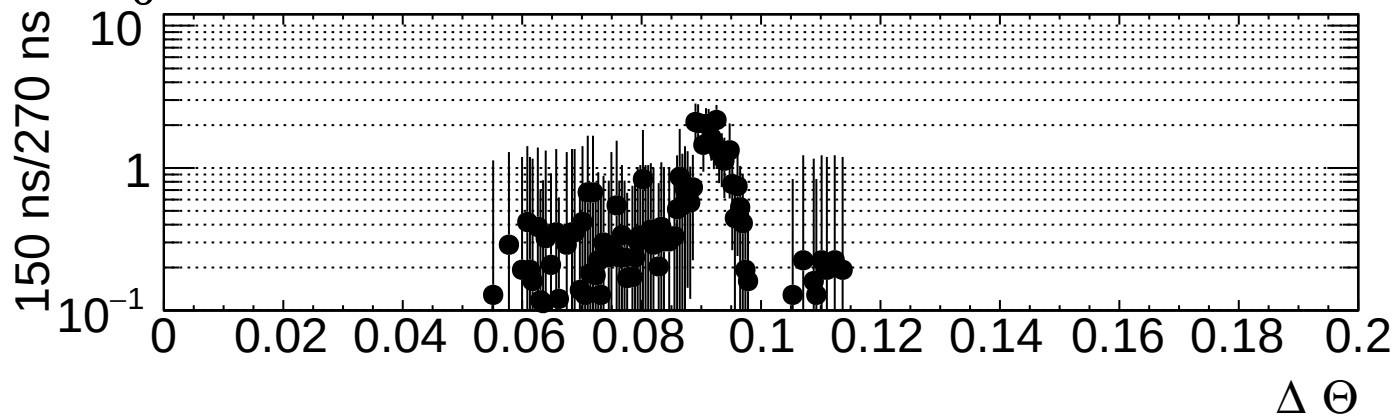
ECAL_DeltaTheta_10nsDeltaPhi20

PADMEInternal

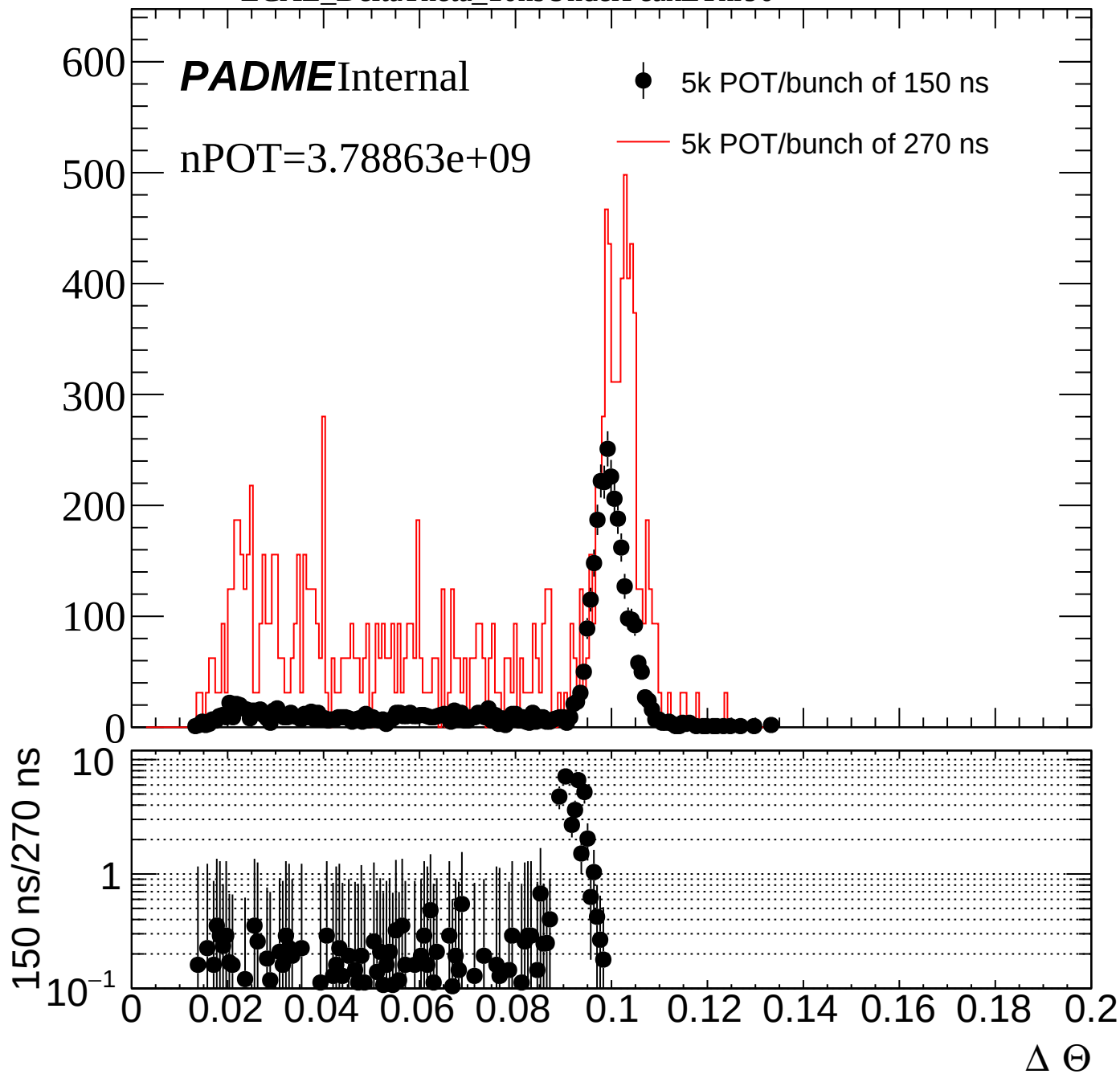
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● 5k POT/bunch of 150 ns

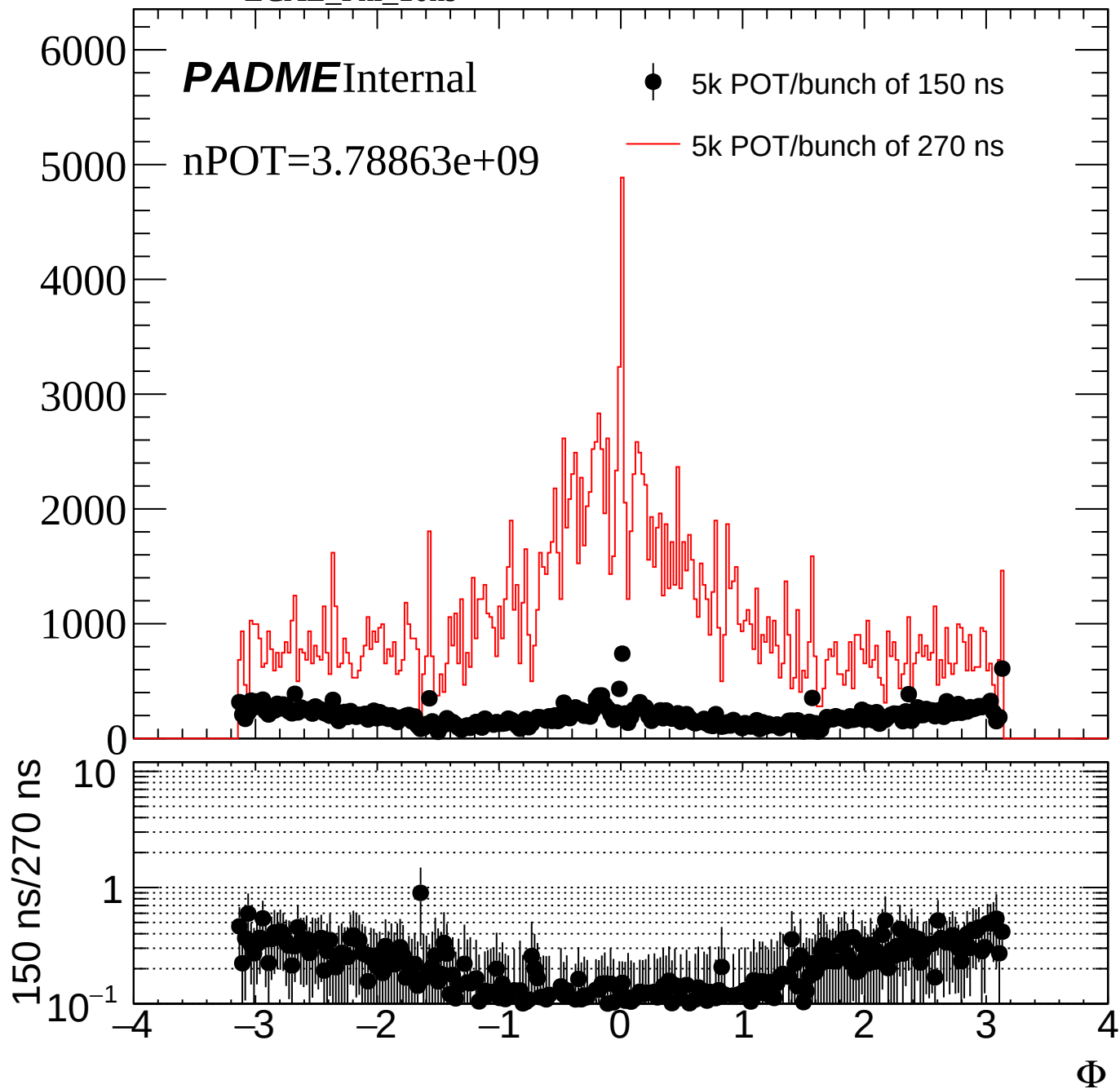
— 5k POT/bunch of 270 ns

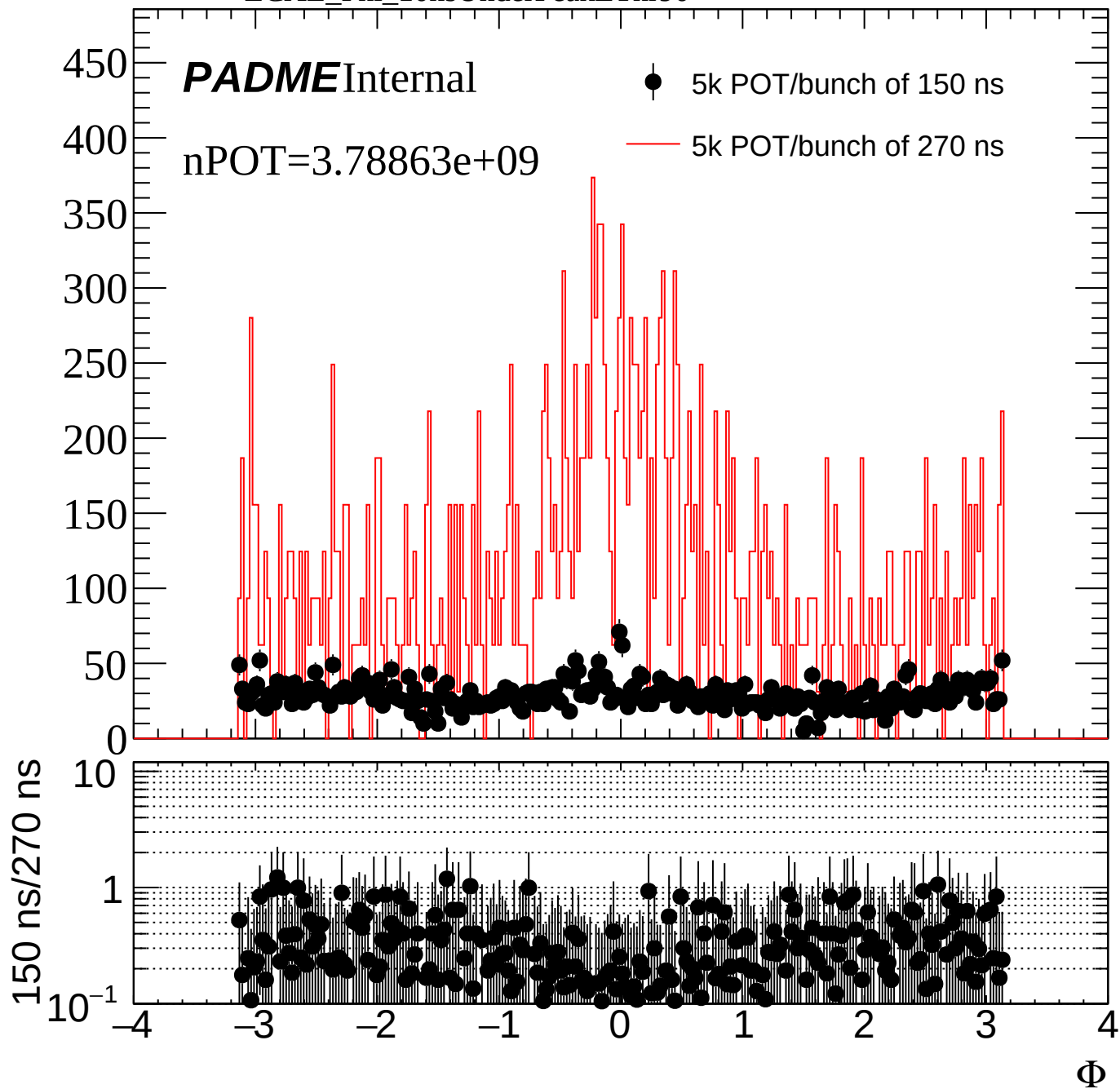


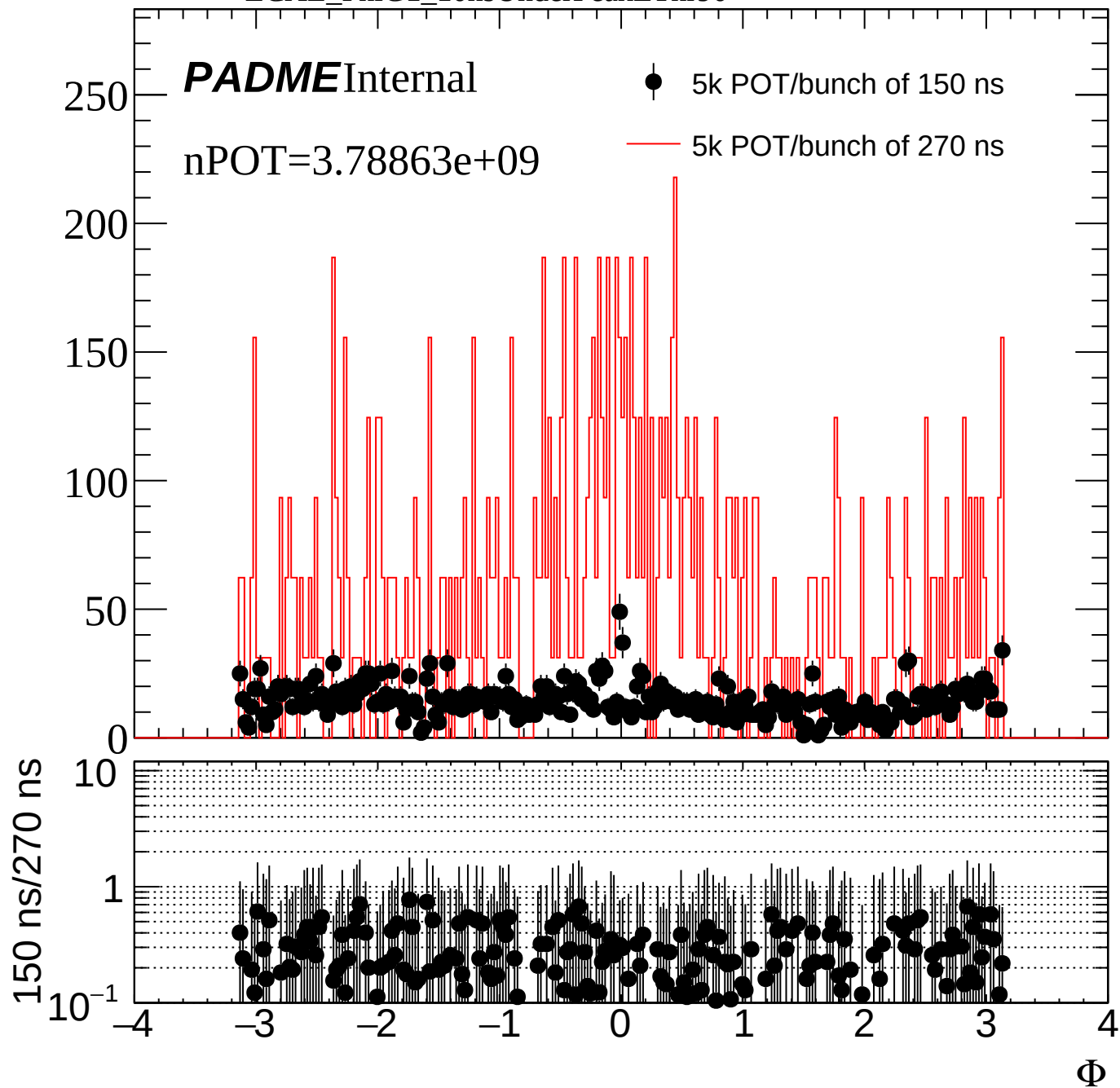
ECAL_DeltaTheta_10nsUnderPeakEThr90

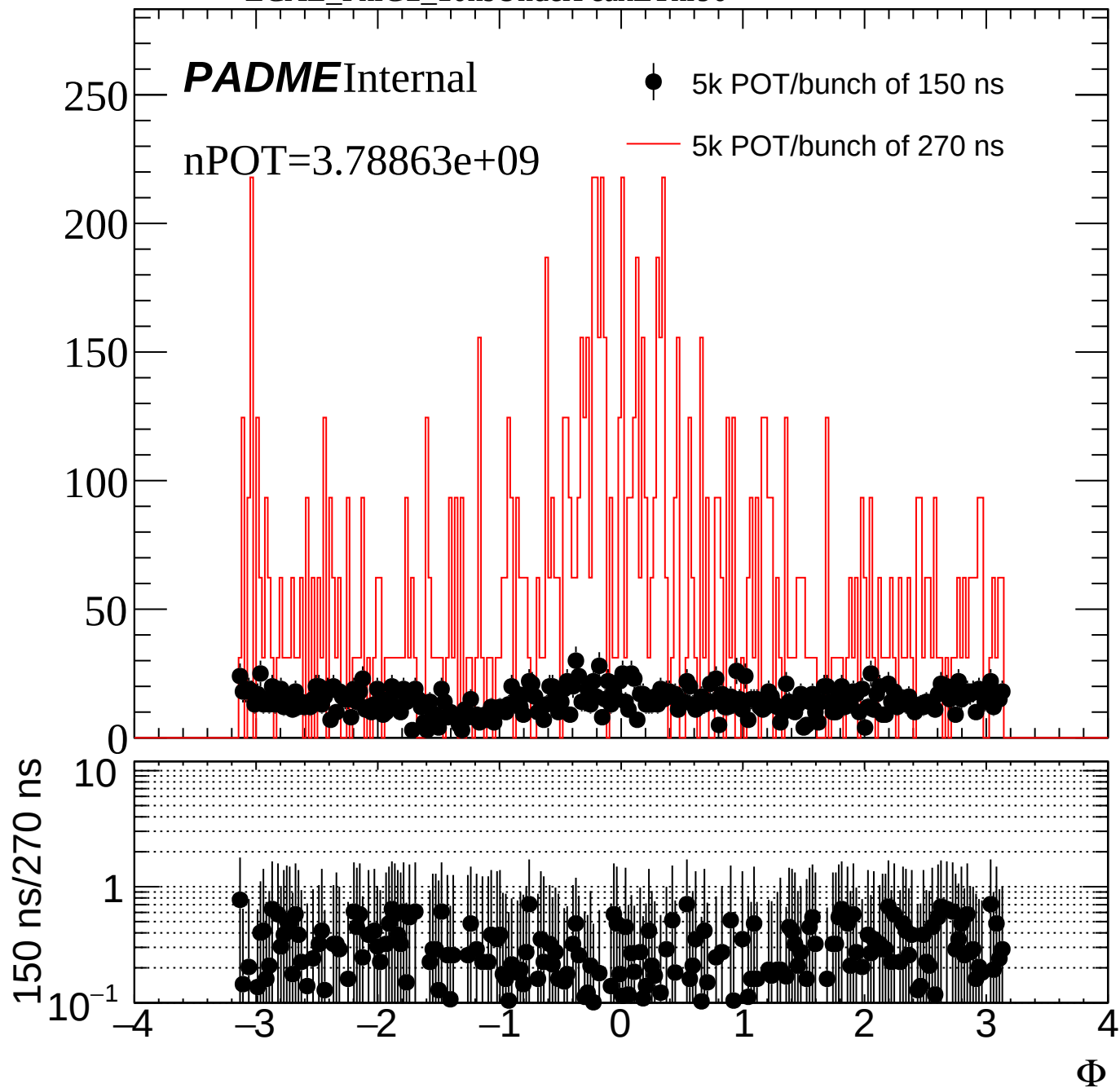


ECAL_Phi_10ns

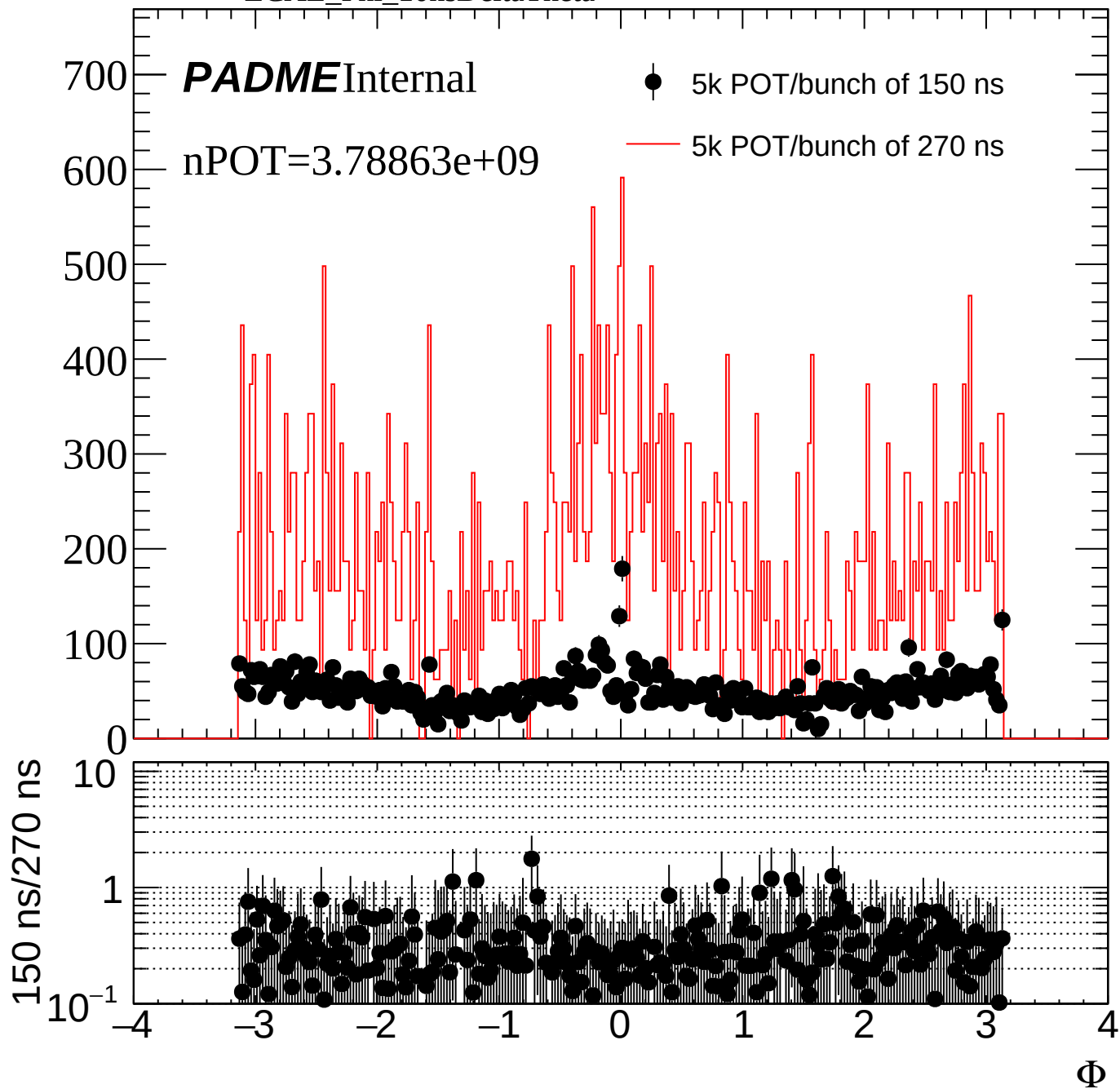








ECAL_Phi_10nsDeltaTheta



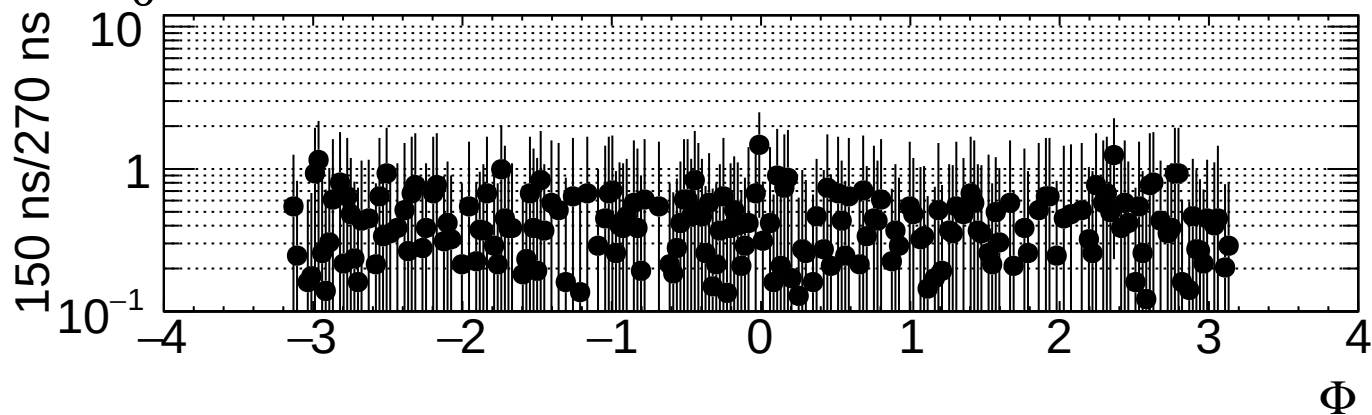
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PADMEInternal

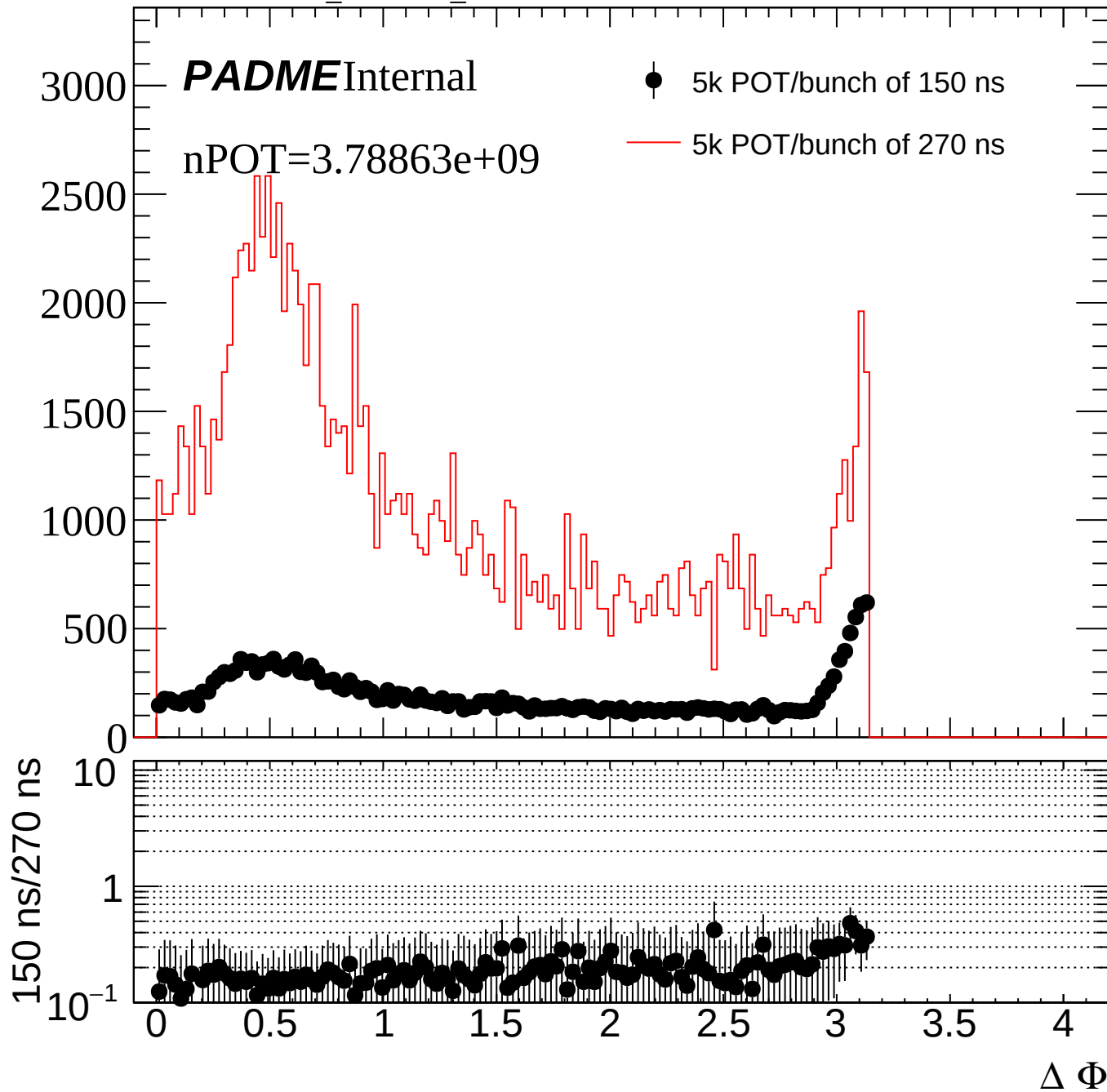
nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

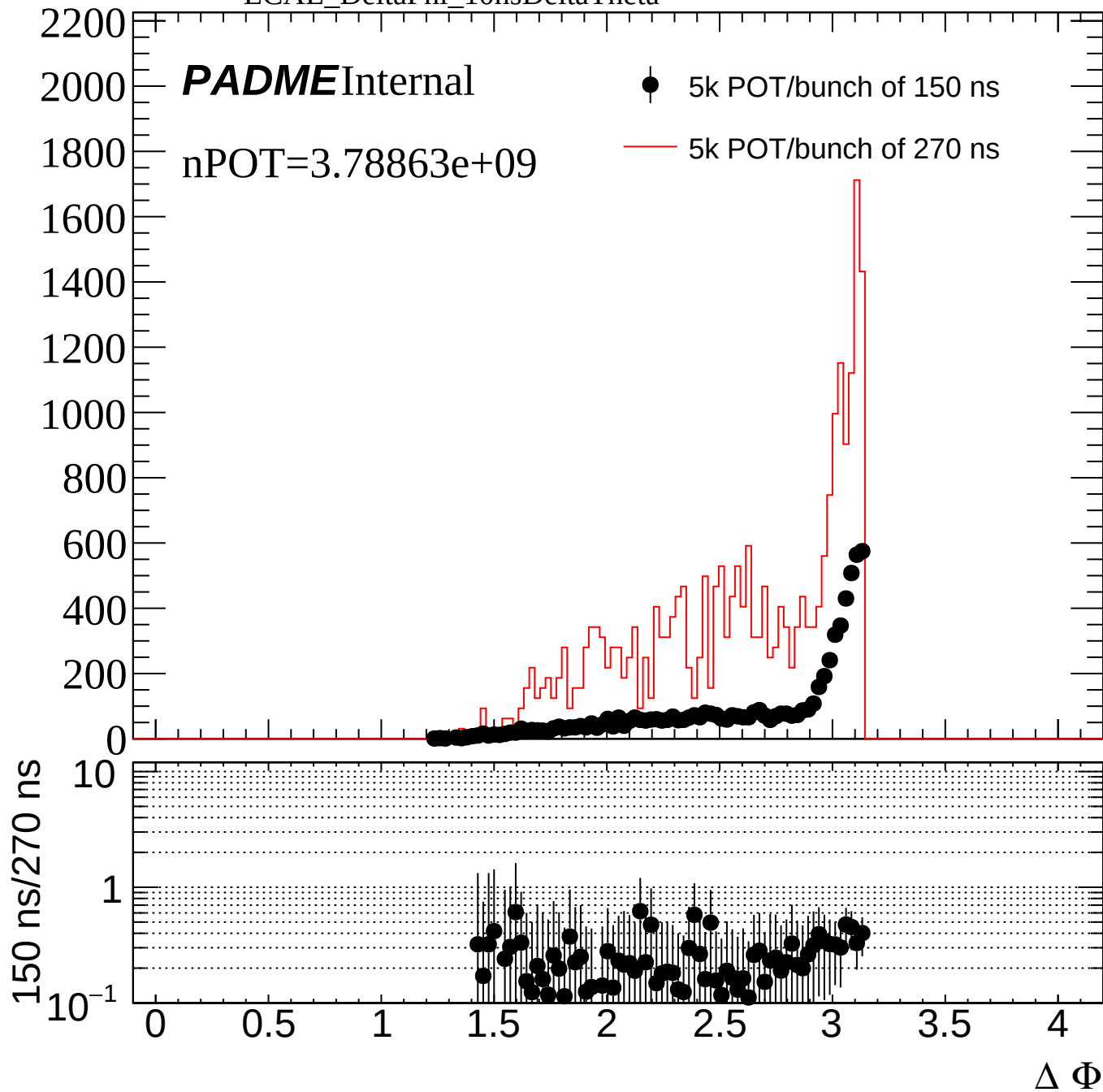
— 5k POT/bunch of 270 ns

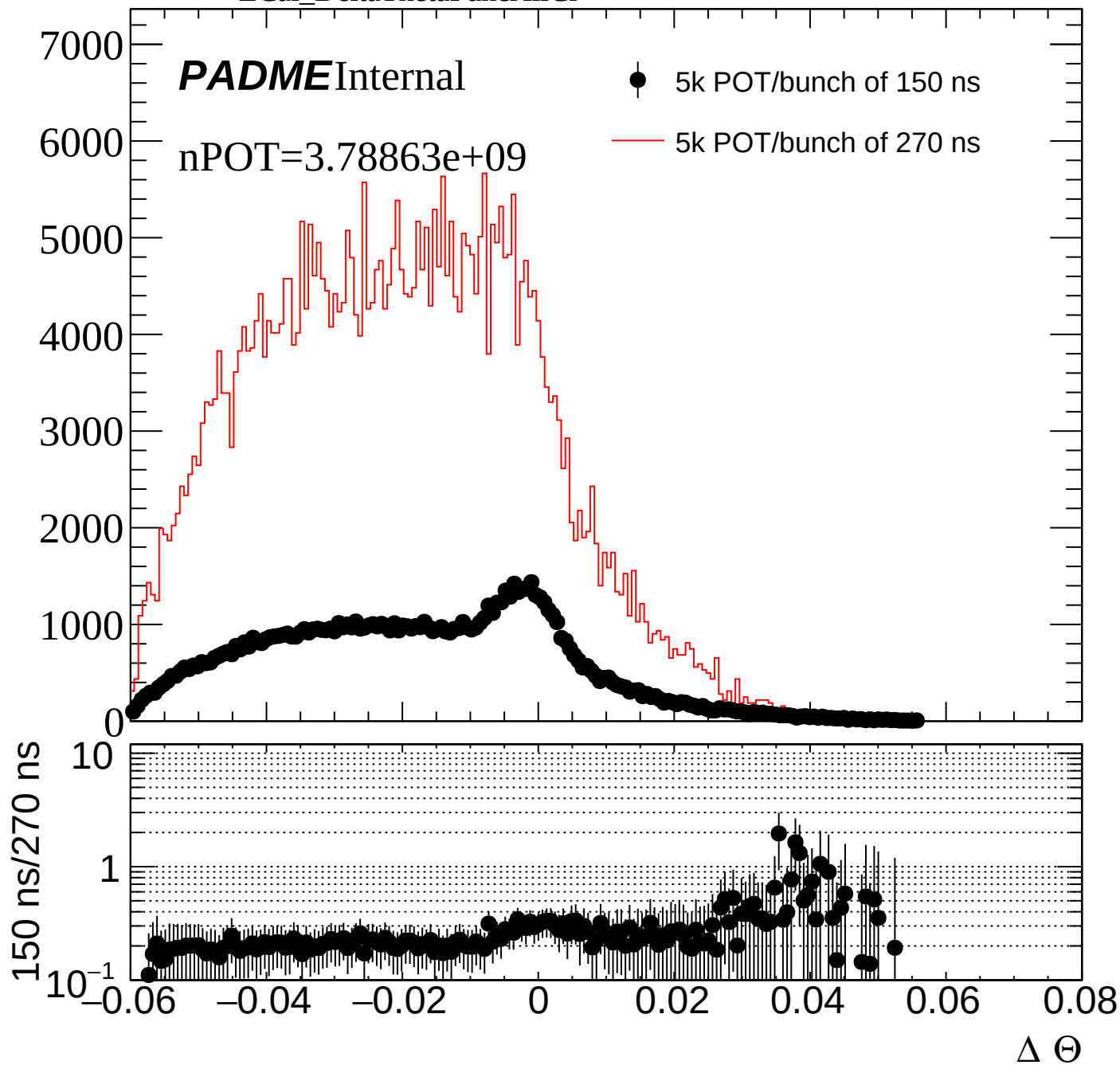


ECAL_DeltaPhi_10ns



ECAL_DeltaPhi_10nsDeltaTheta



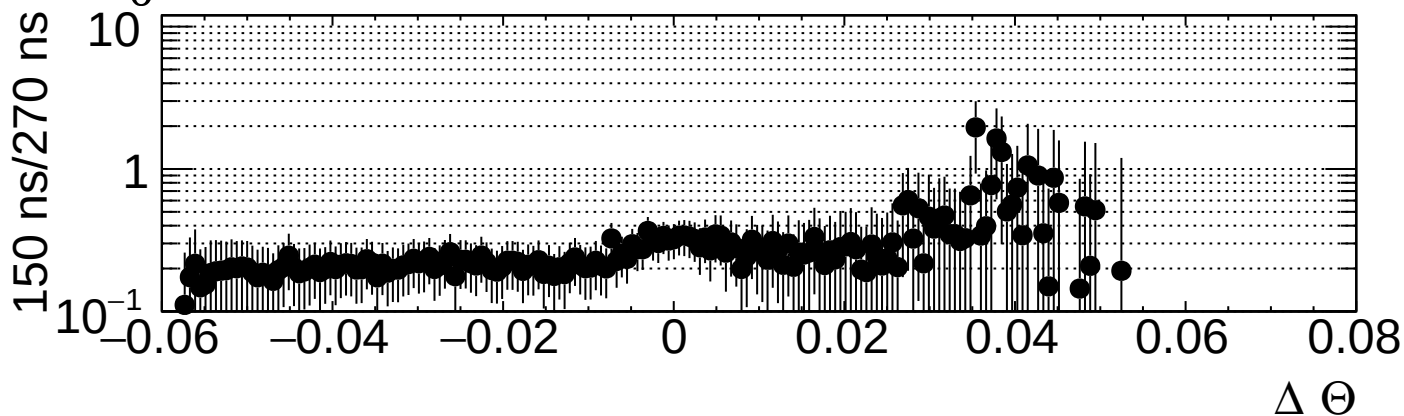


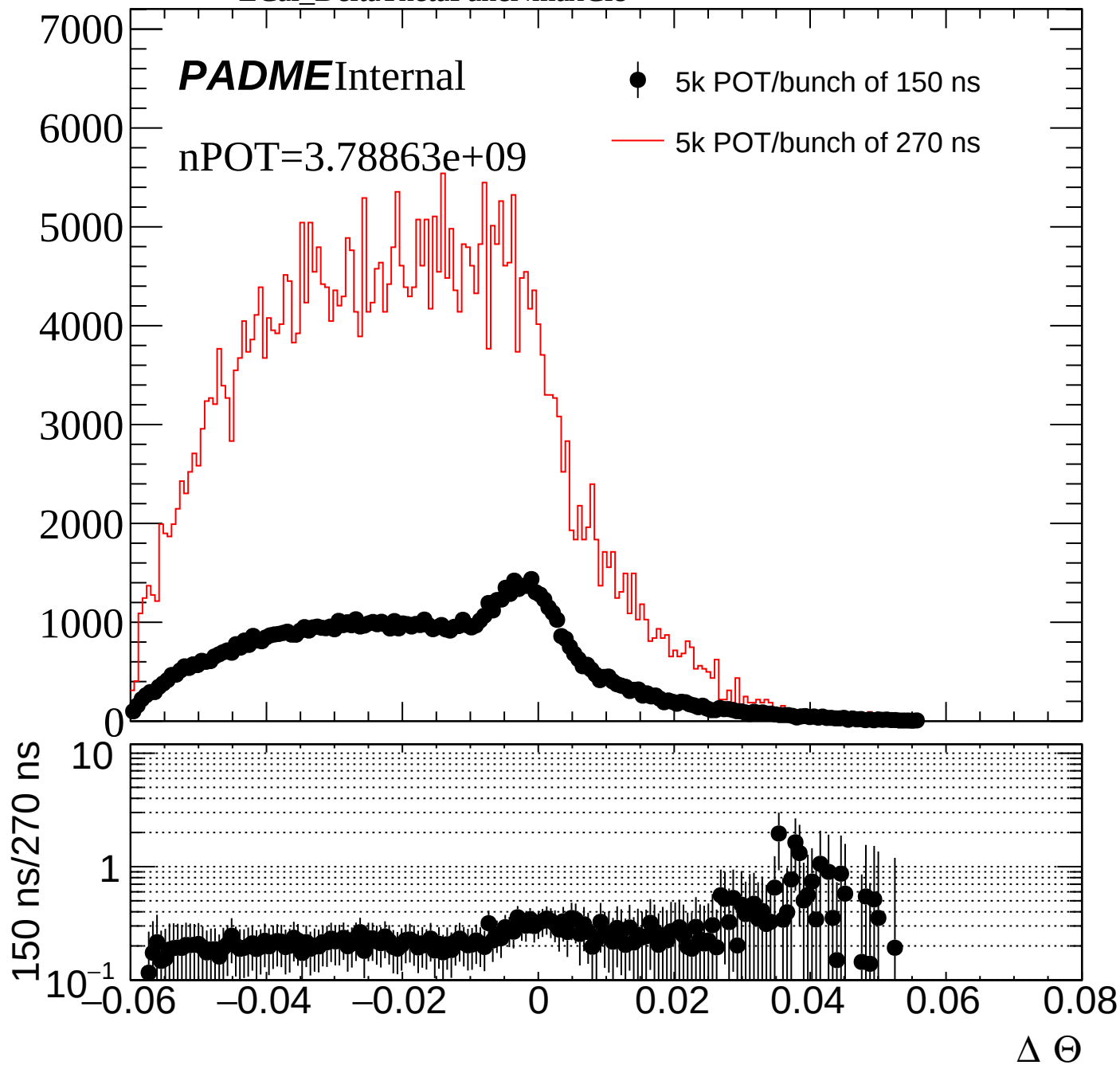
PADME Internal

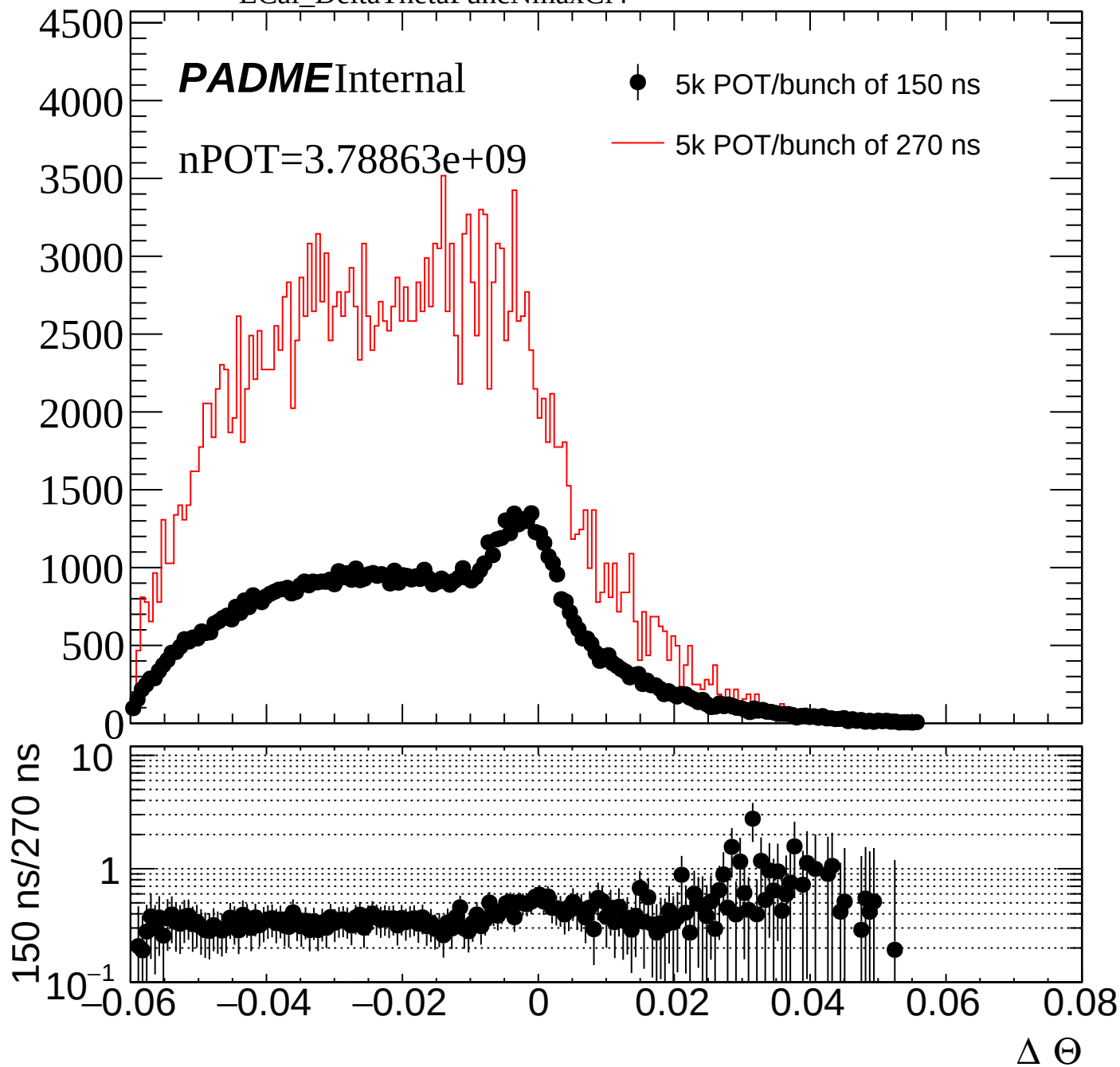
nPOT=3.78863e+09

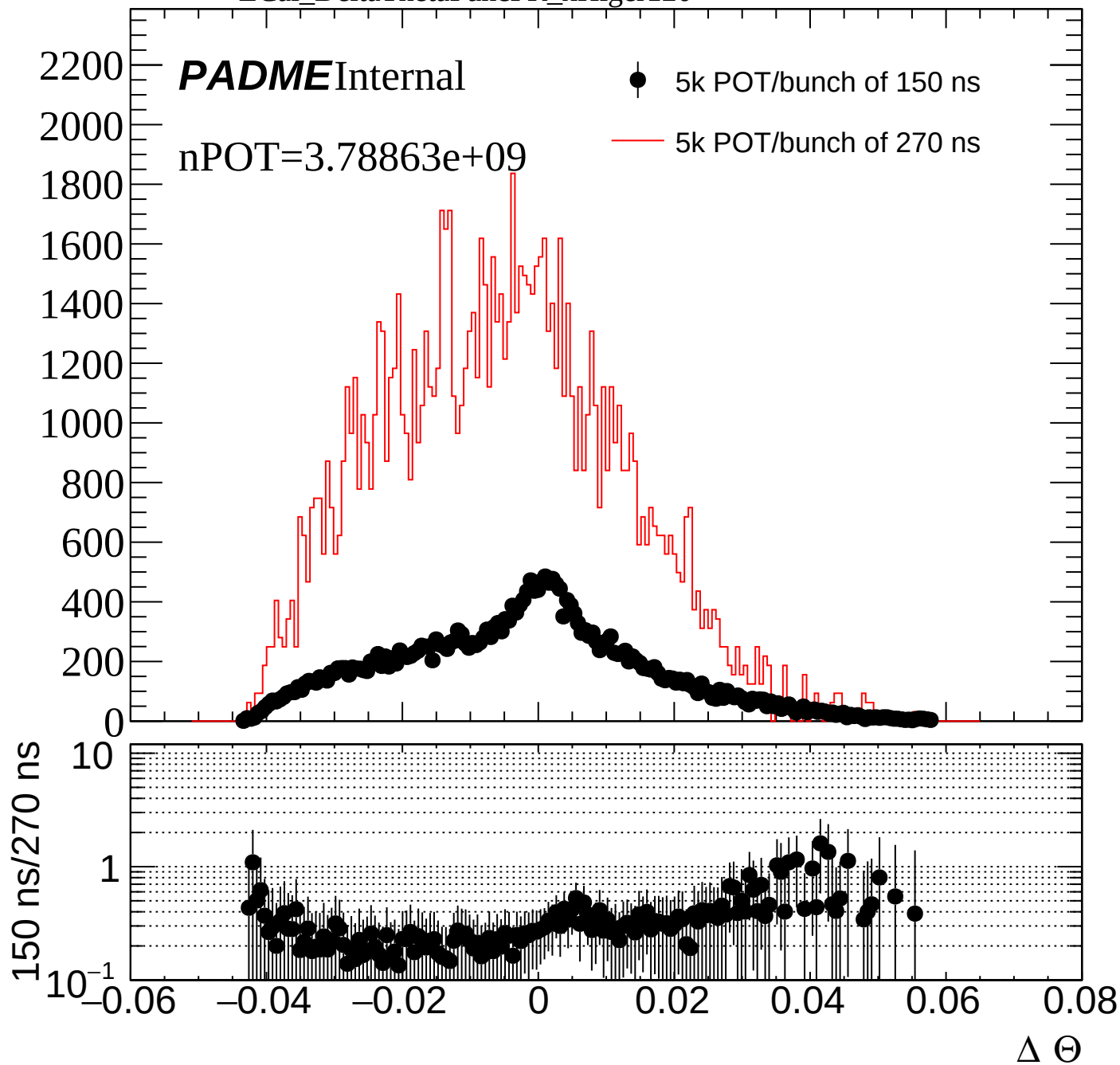
● 5k POT/bunch of 150 ns

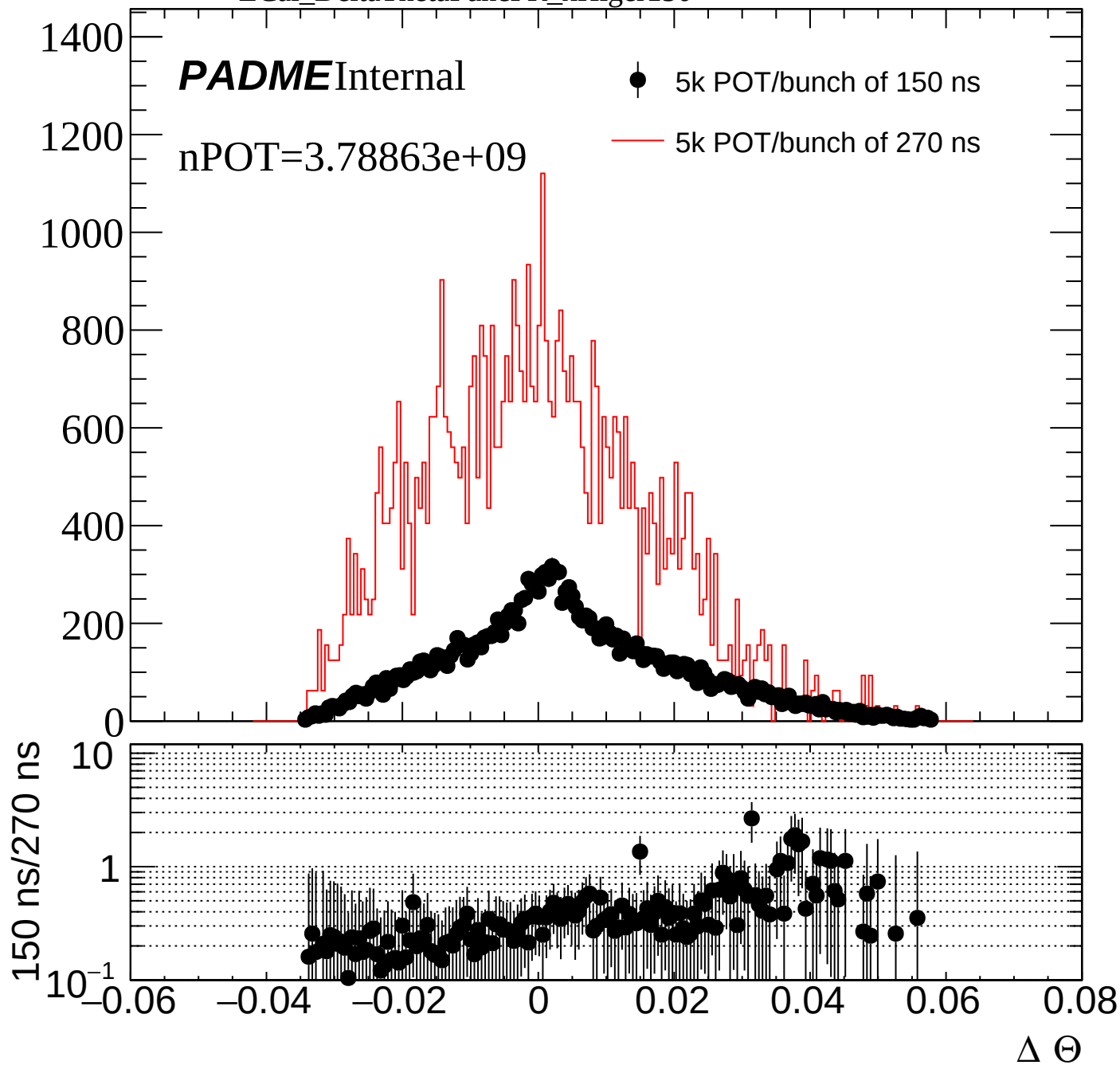
— 5k POT/bunch of 270 ns









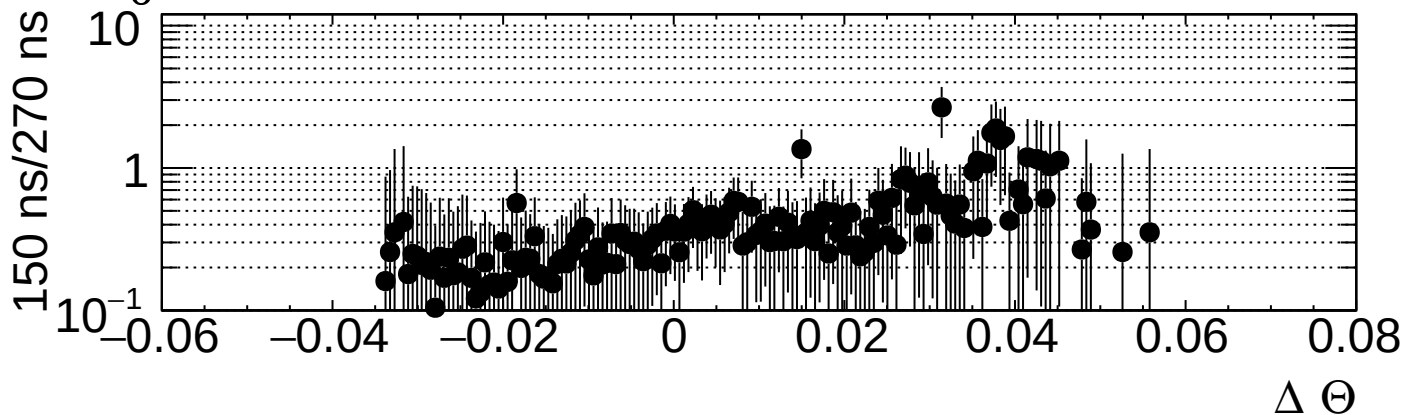


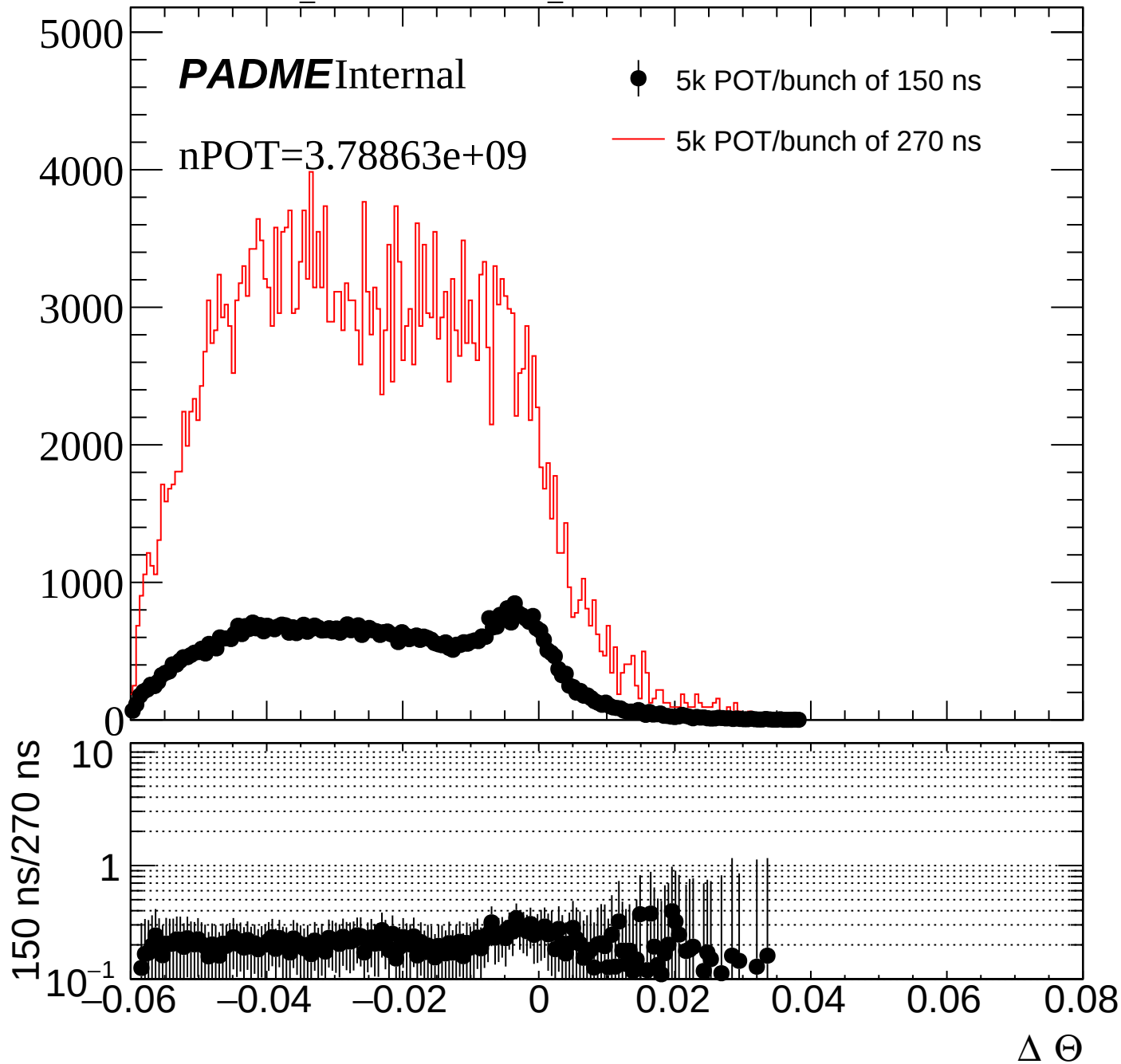
PADMEInternal

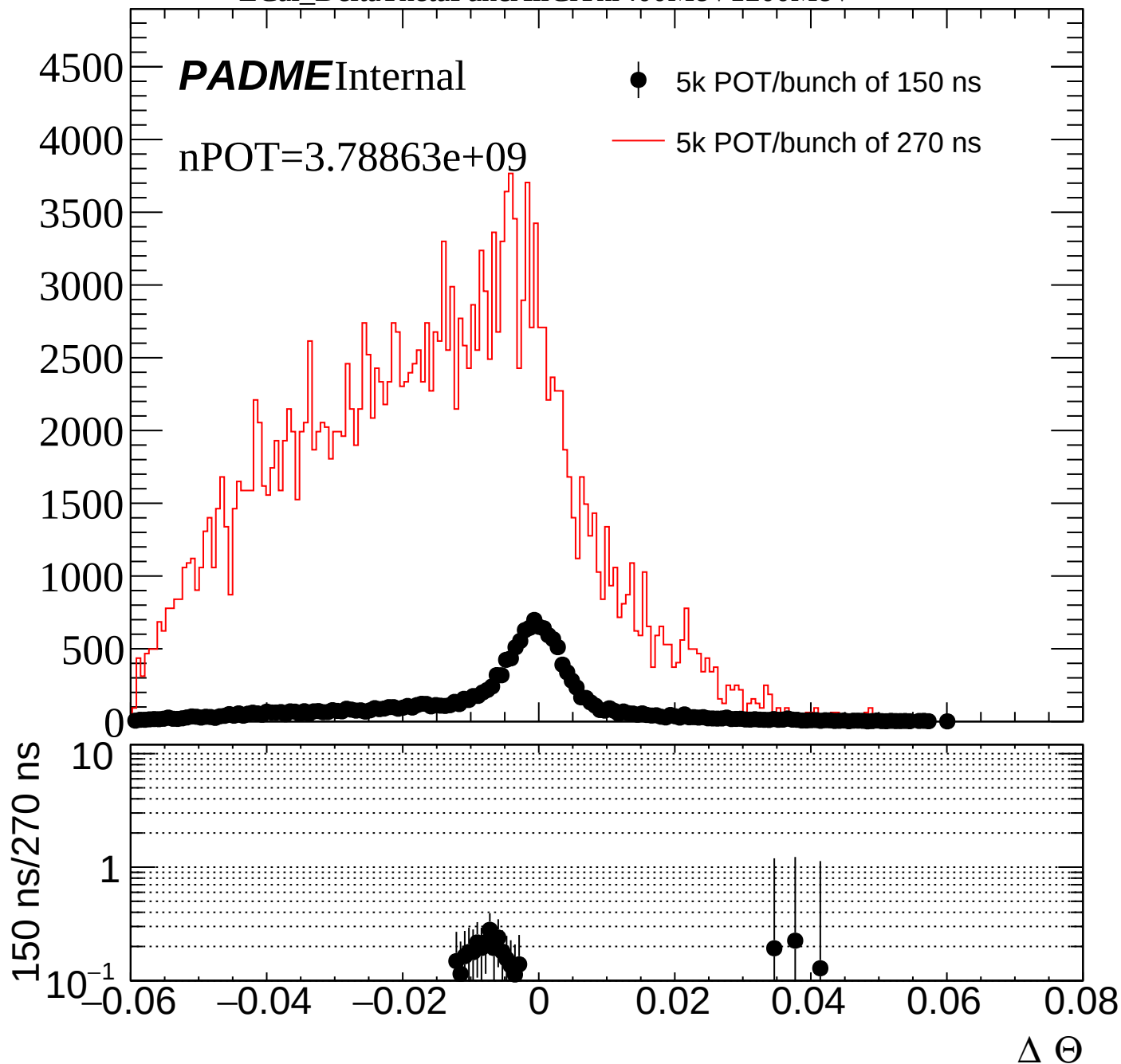
nPOT=3.78863e+09

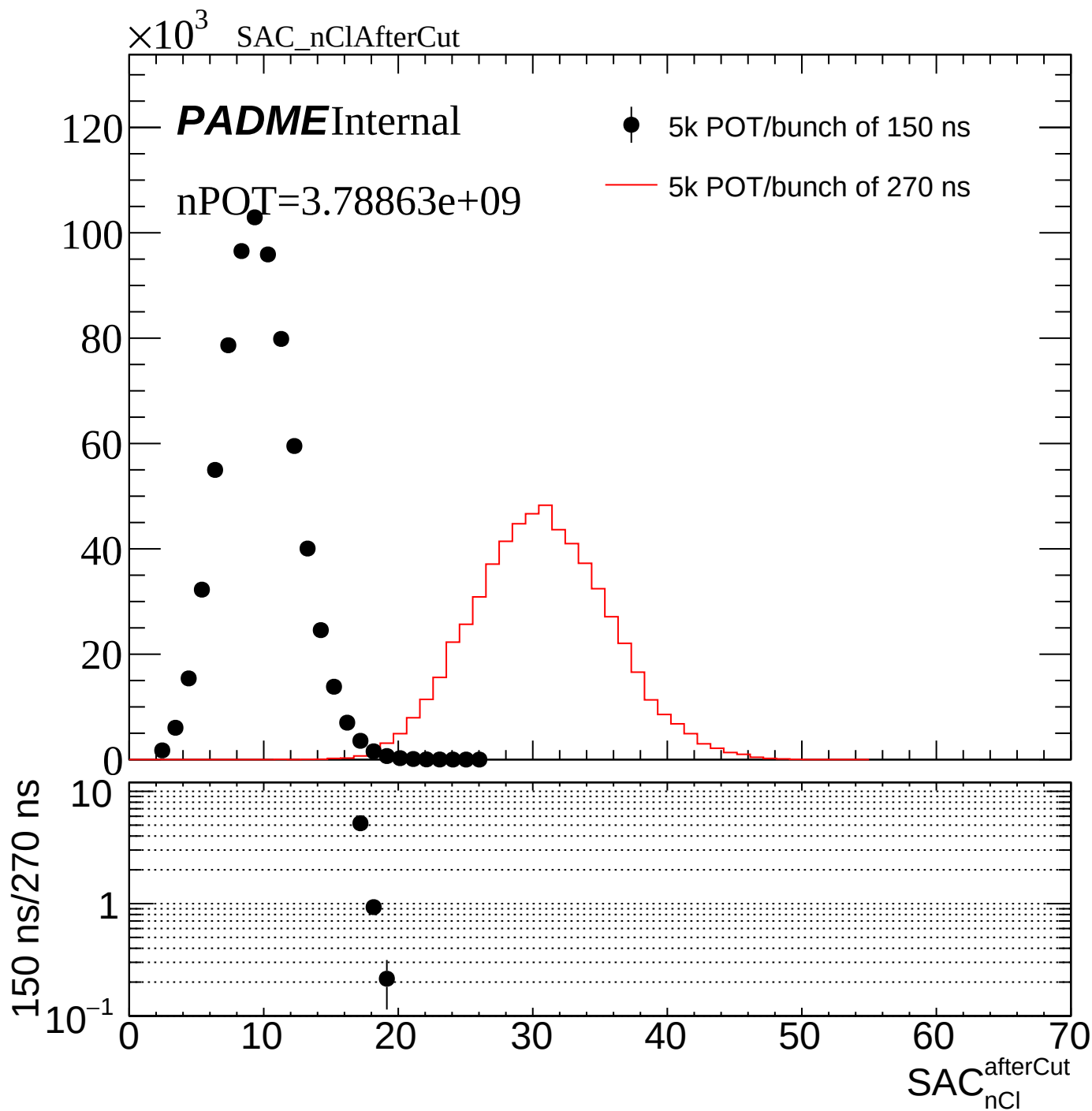
● 5k POT/bunch of 150 ns

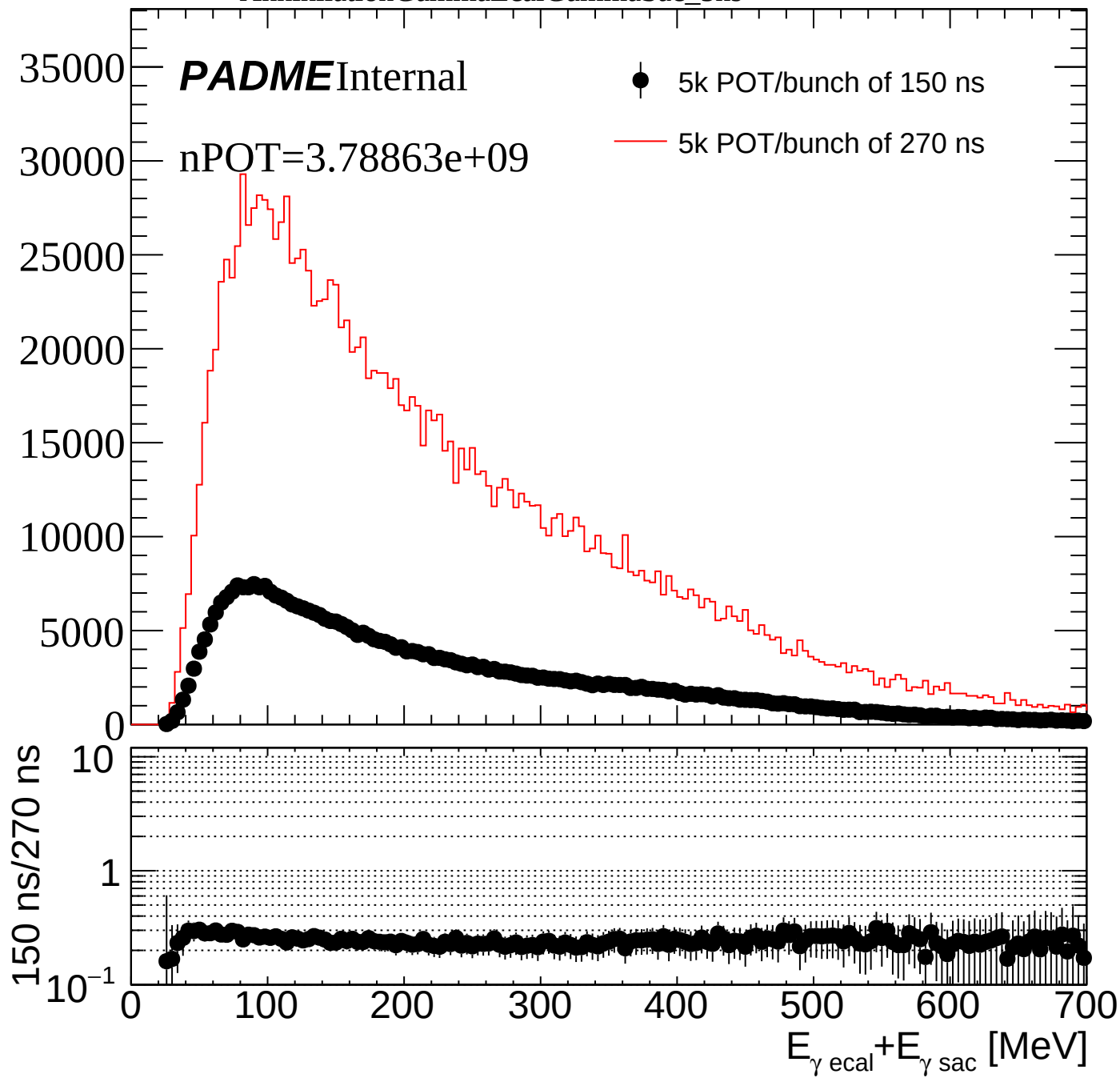
— 5k POT/bunch of 270 ns

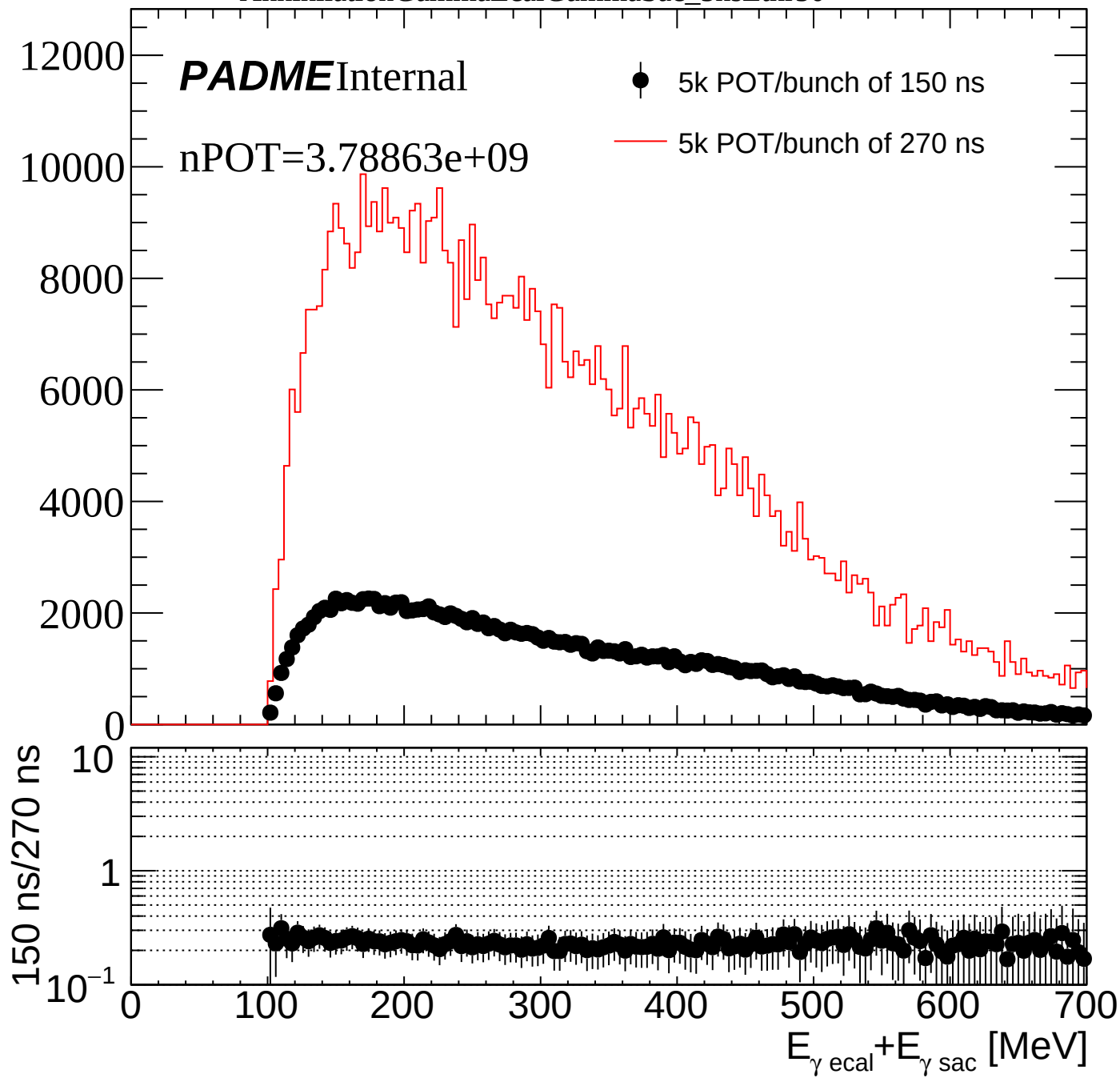


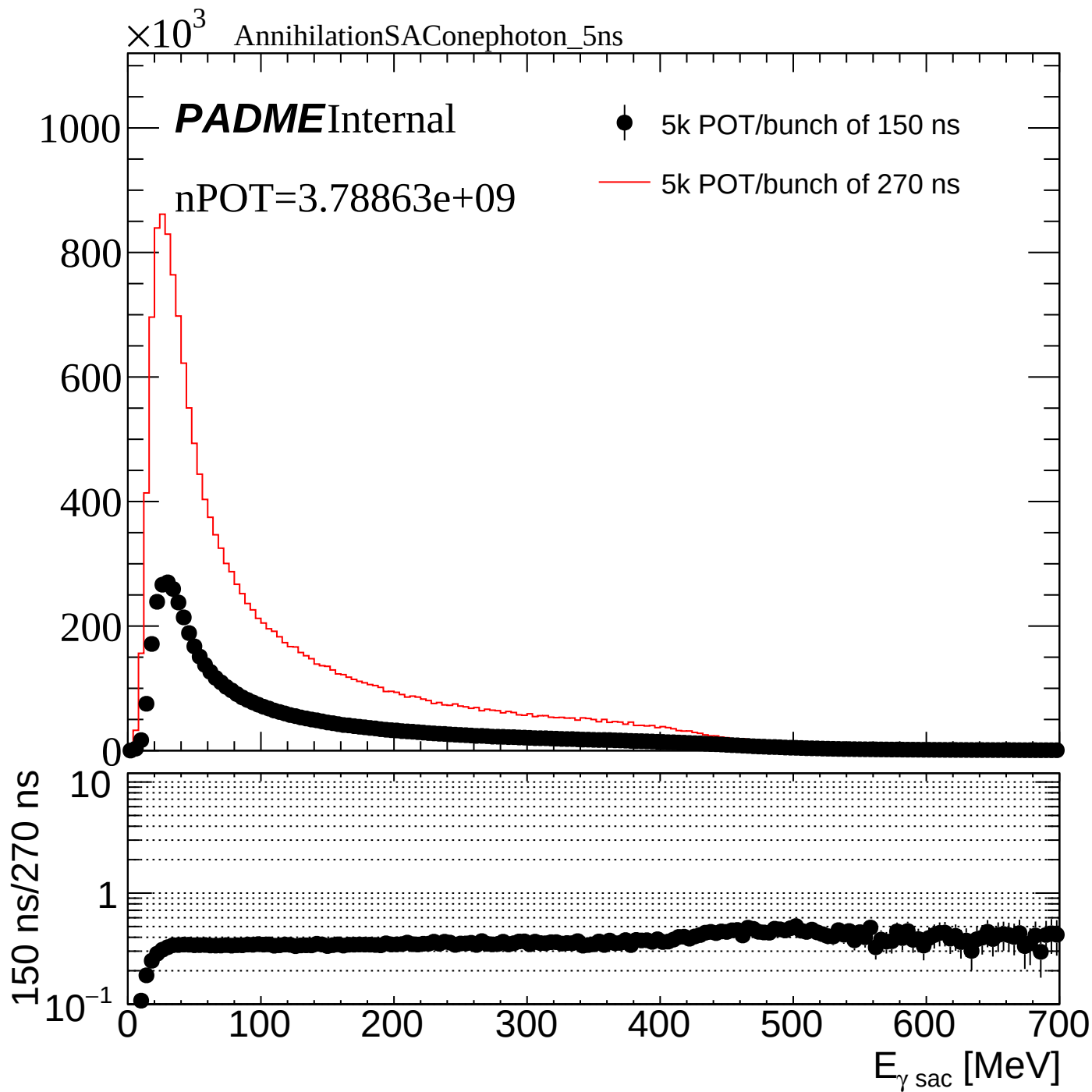












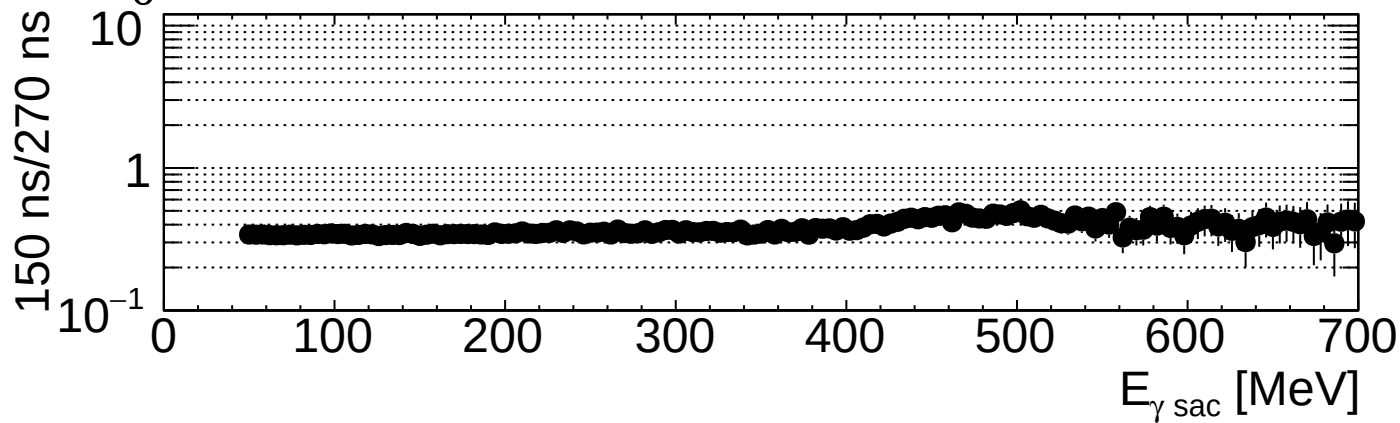
$\times 10^3$ AnnihilationSAConephoton_5nsEThr50

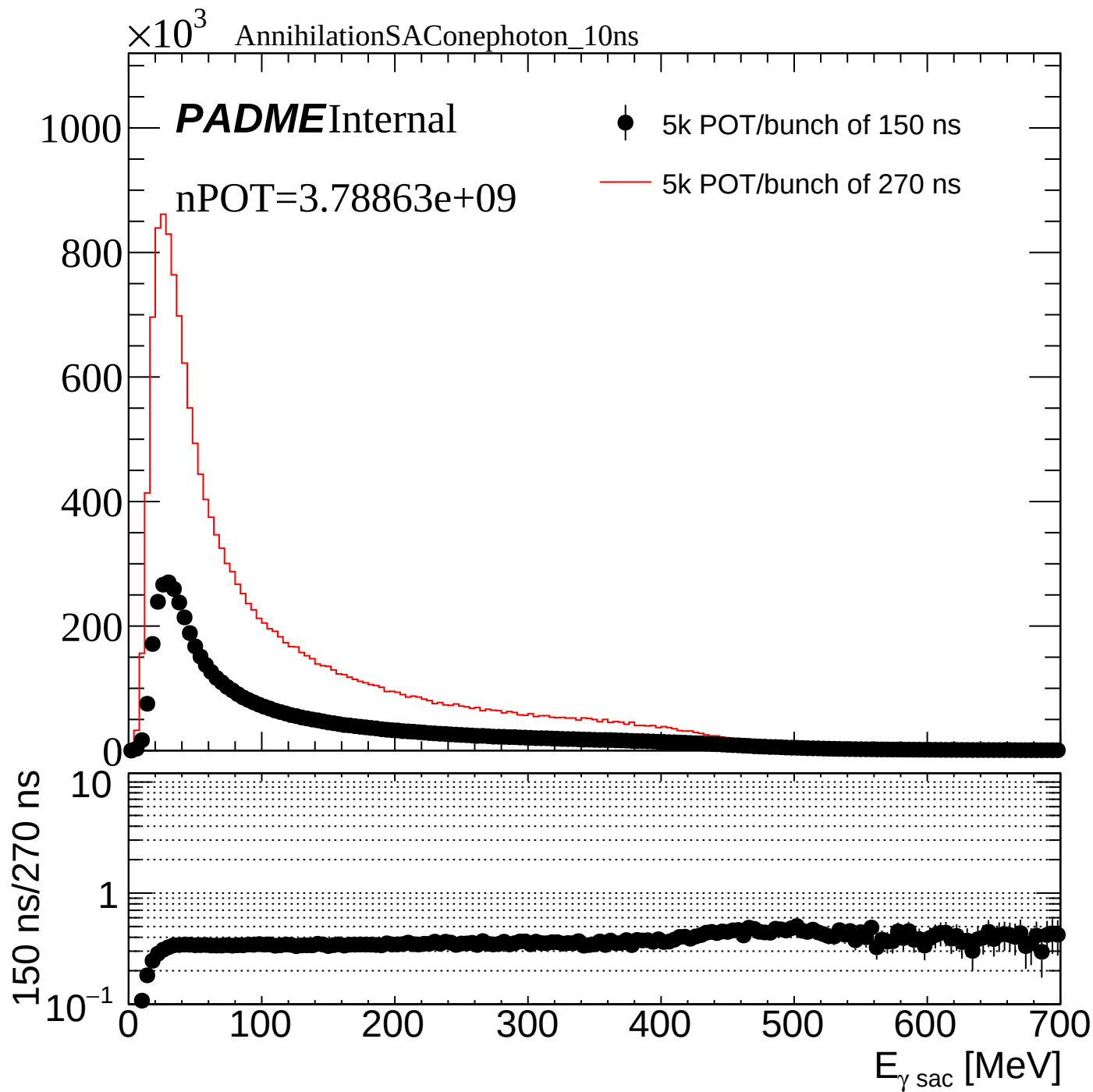
PADME Internal

nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

— 5k POT/bunch of 270 ns





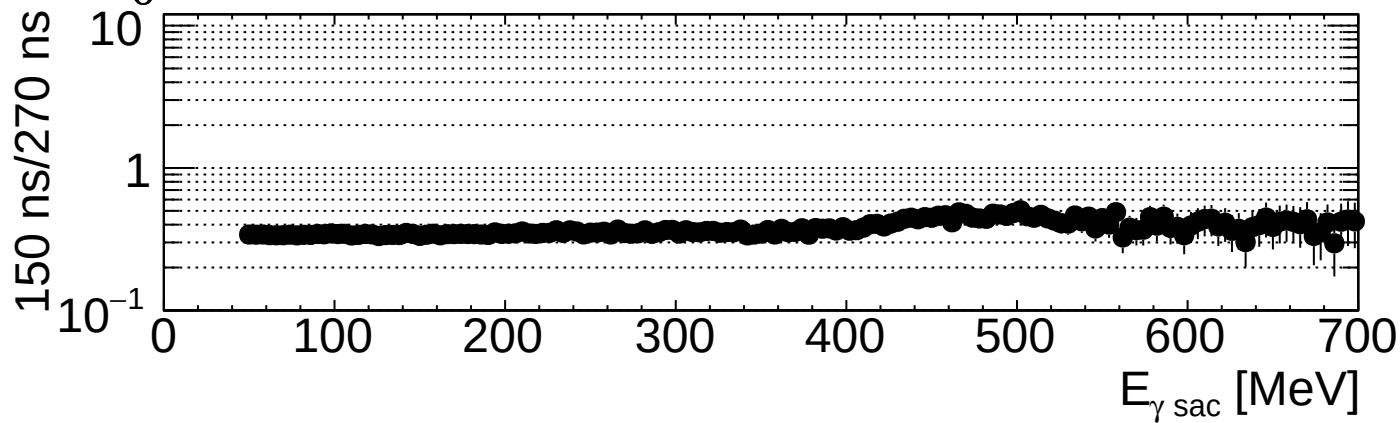
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PADME Internal

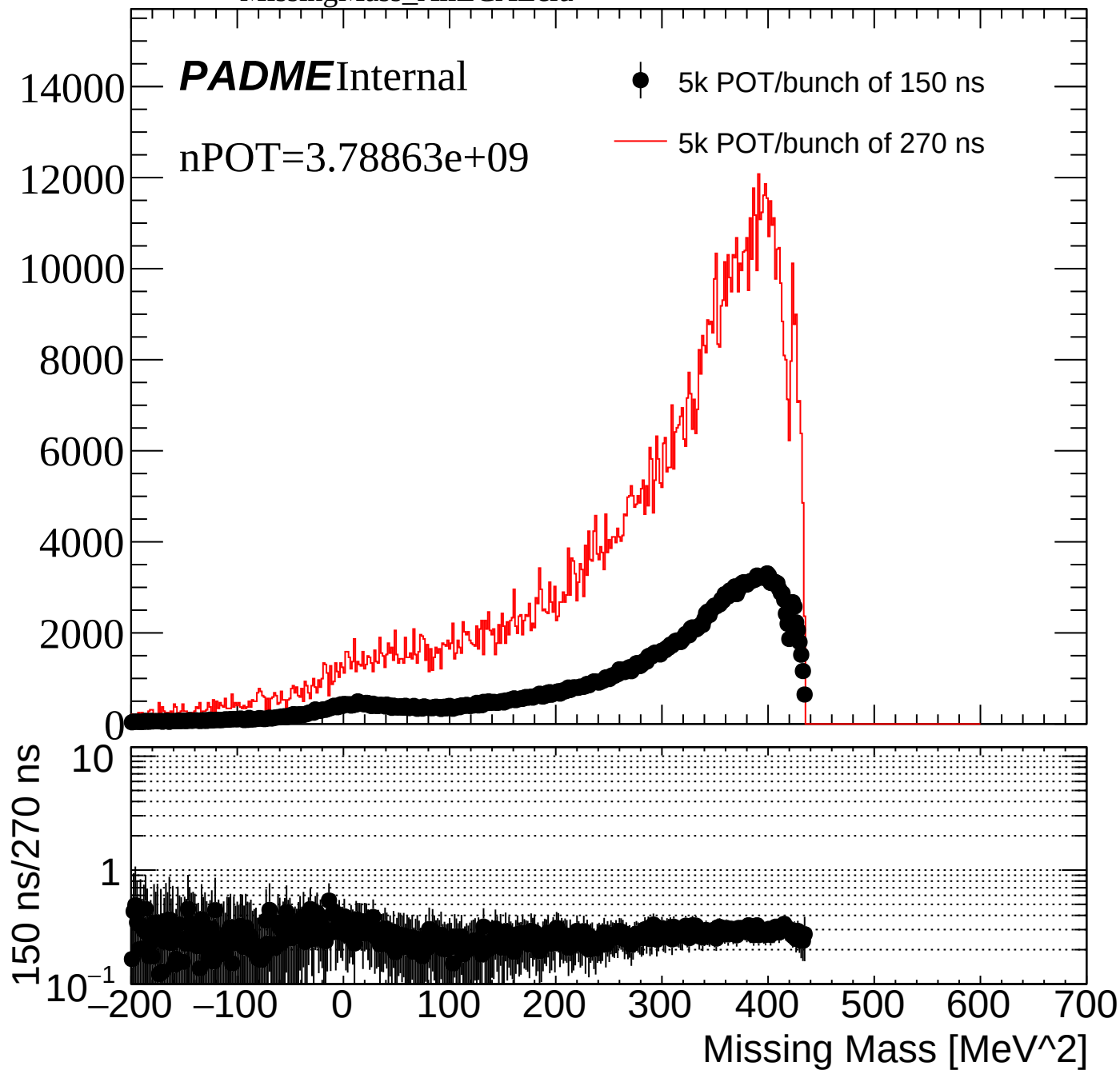
nPOT=3.78863e+09

● 5k POT/bunch of 150 ns

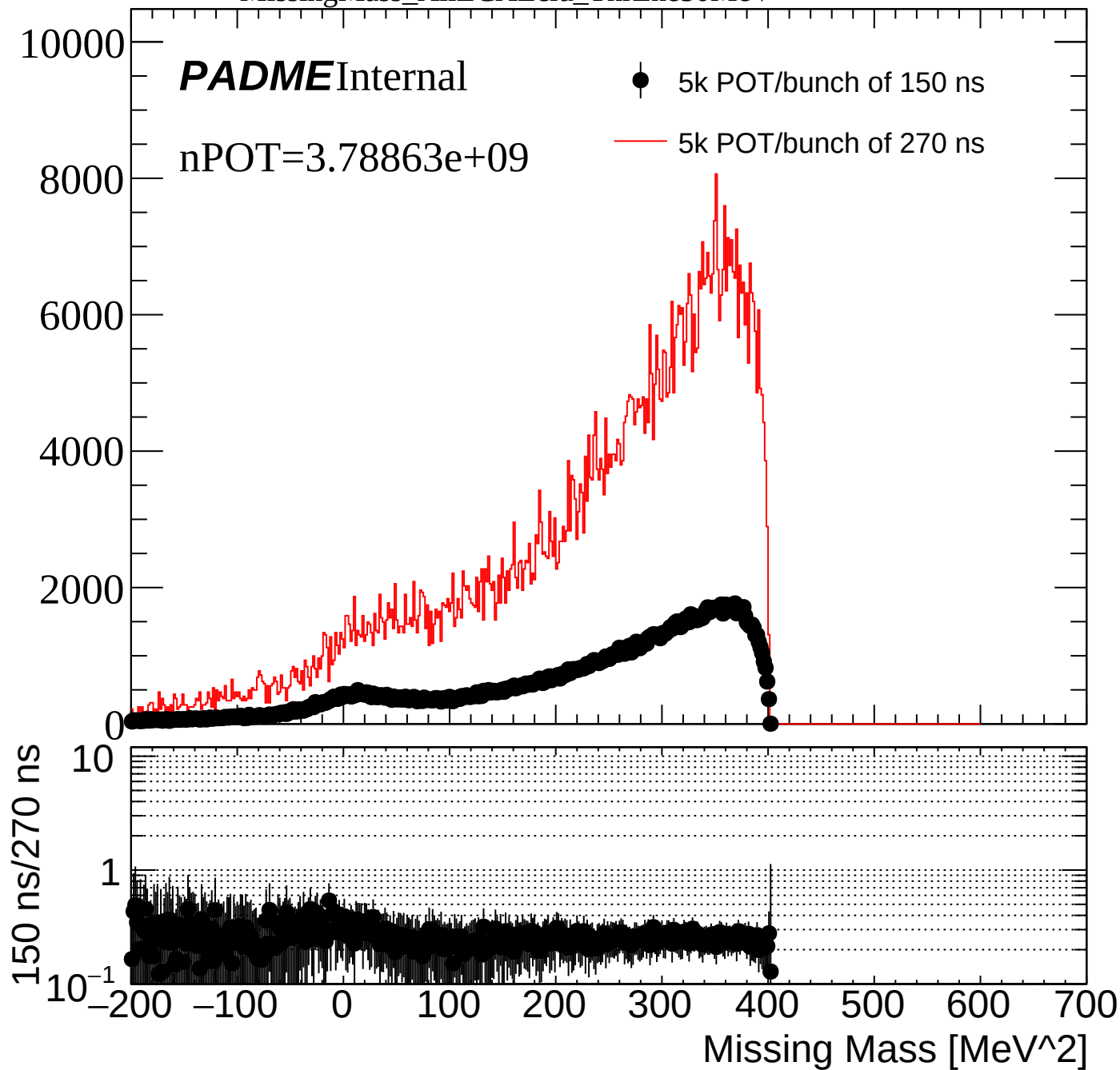
— 5k POT/bunch of 270 ns



MissingMass_AllECALclu



MissingMass_AllECALclu_ThrEne50MeV



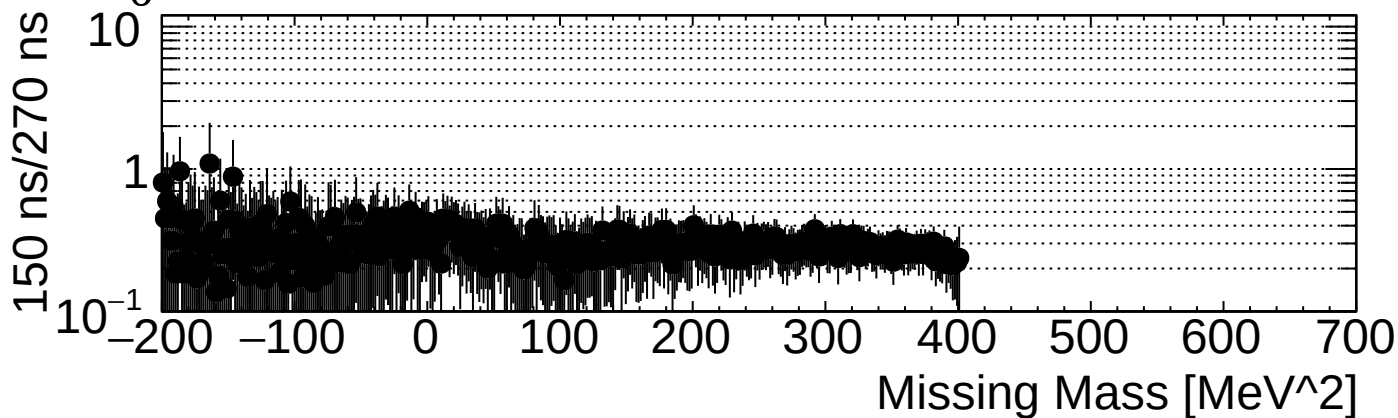
MissingMass_NoClInTime20ns_ThrEne50MeV

PADMEInternal

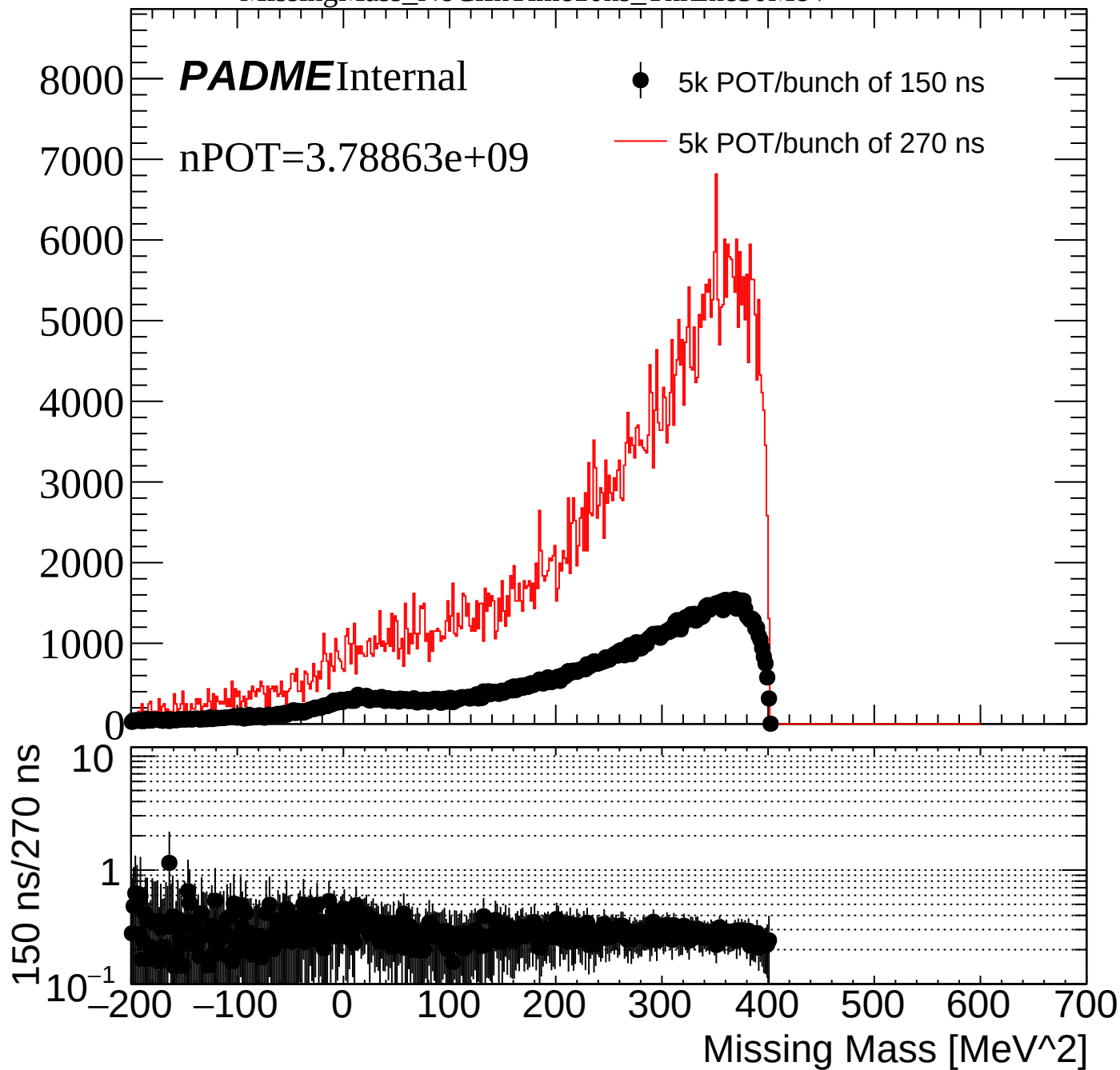
nPOT=3.78863e+09

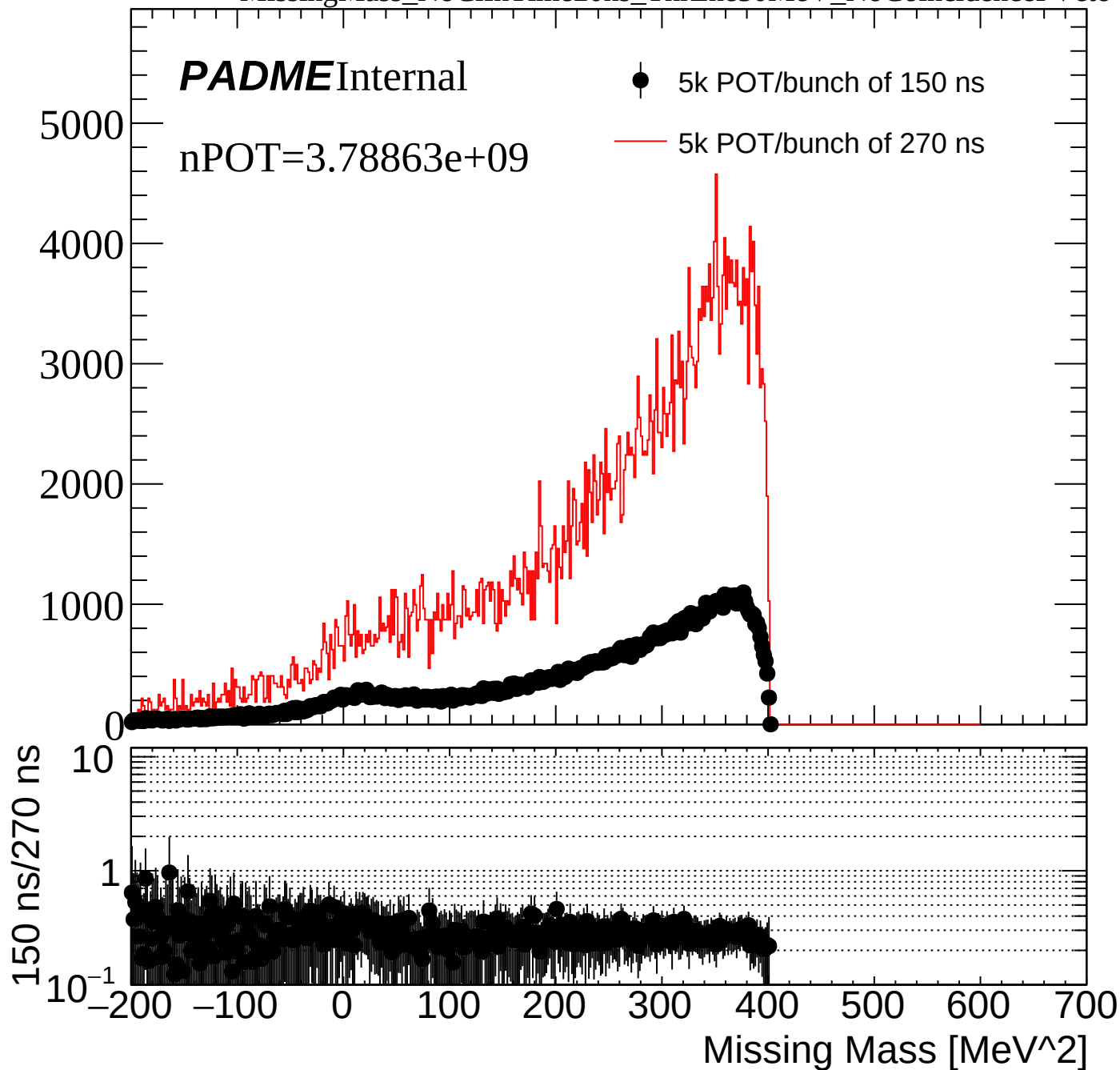
● 5k POT/bunch of 150 ns

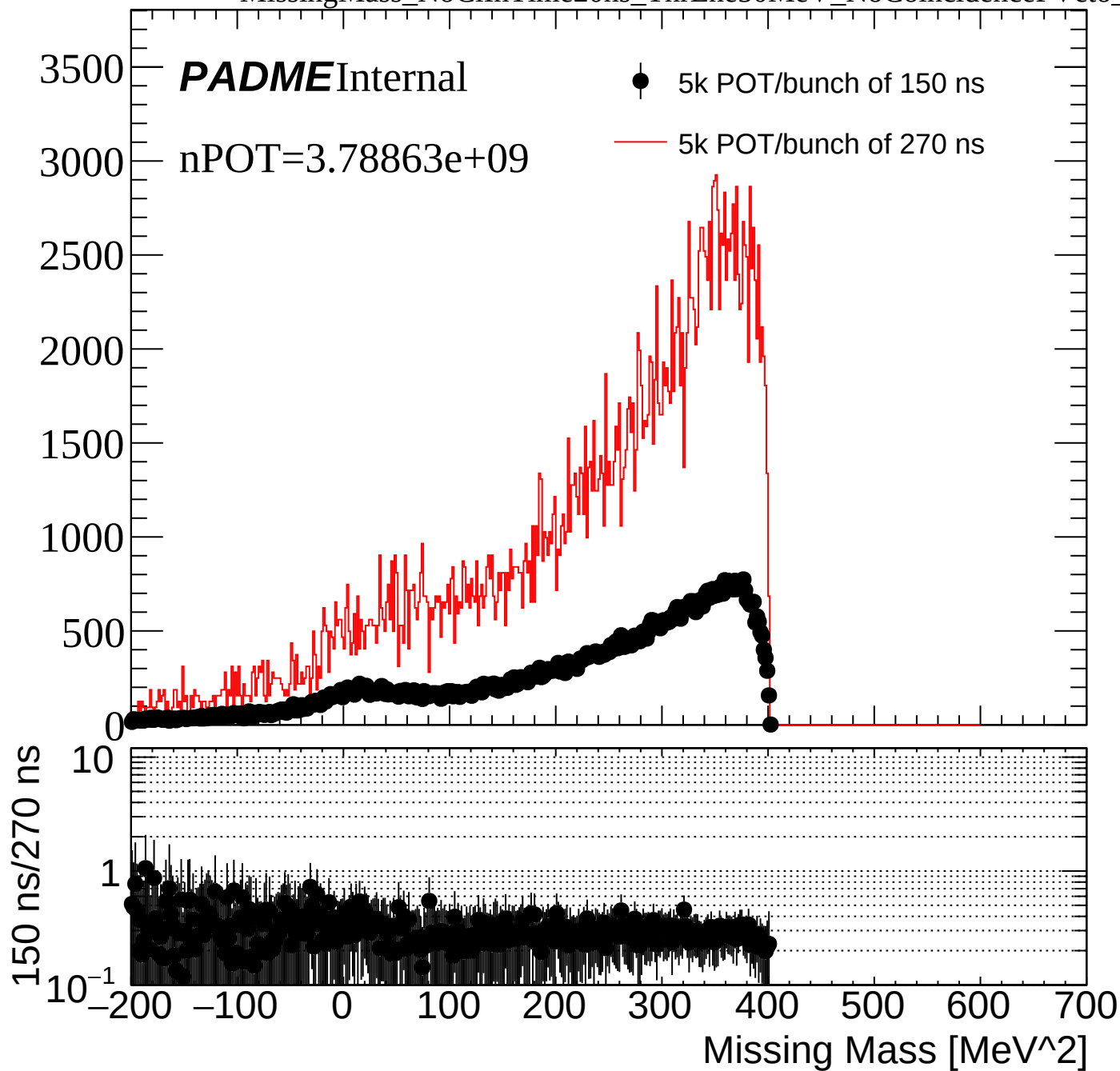
— 5k POT/bunch of 270 ns



MissingMass_NoClInTime10ns_ThrEne50MeV







MissingMass_NoClInTime10ns_ThrEne50MeV_NoCoincidencePVeto

