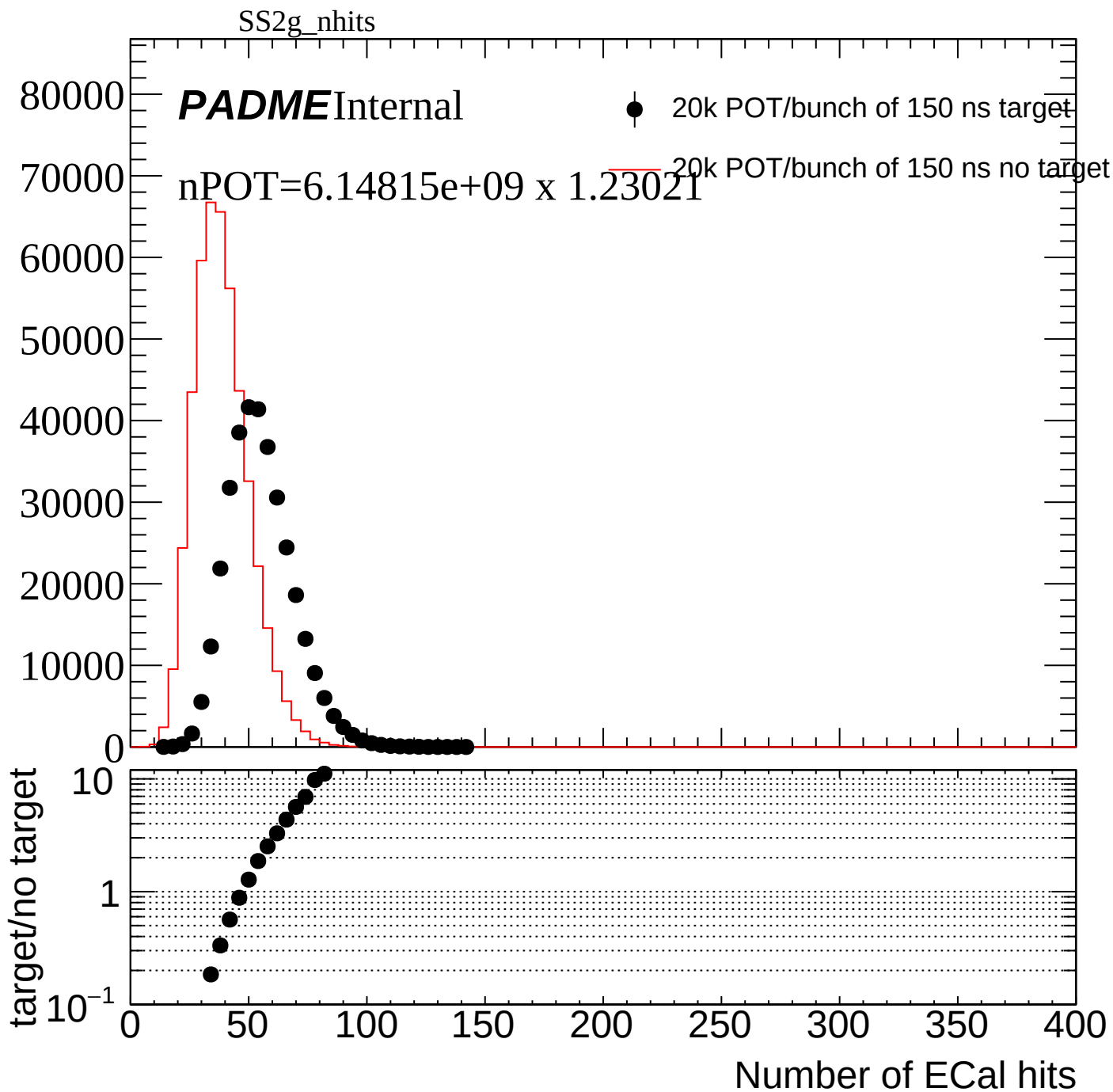
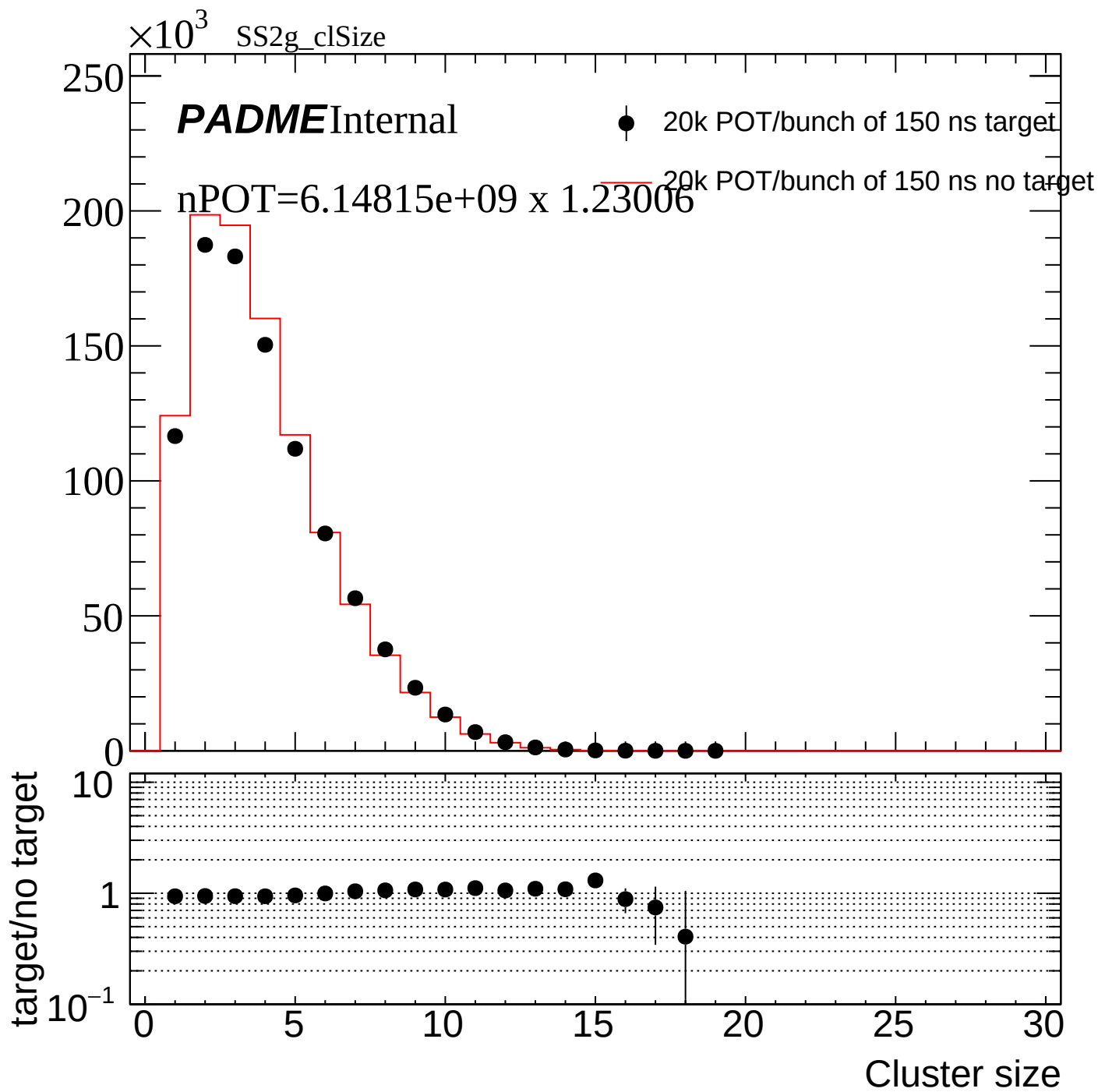
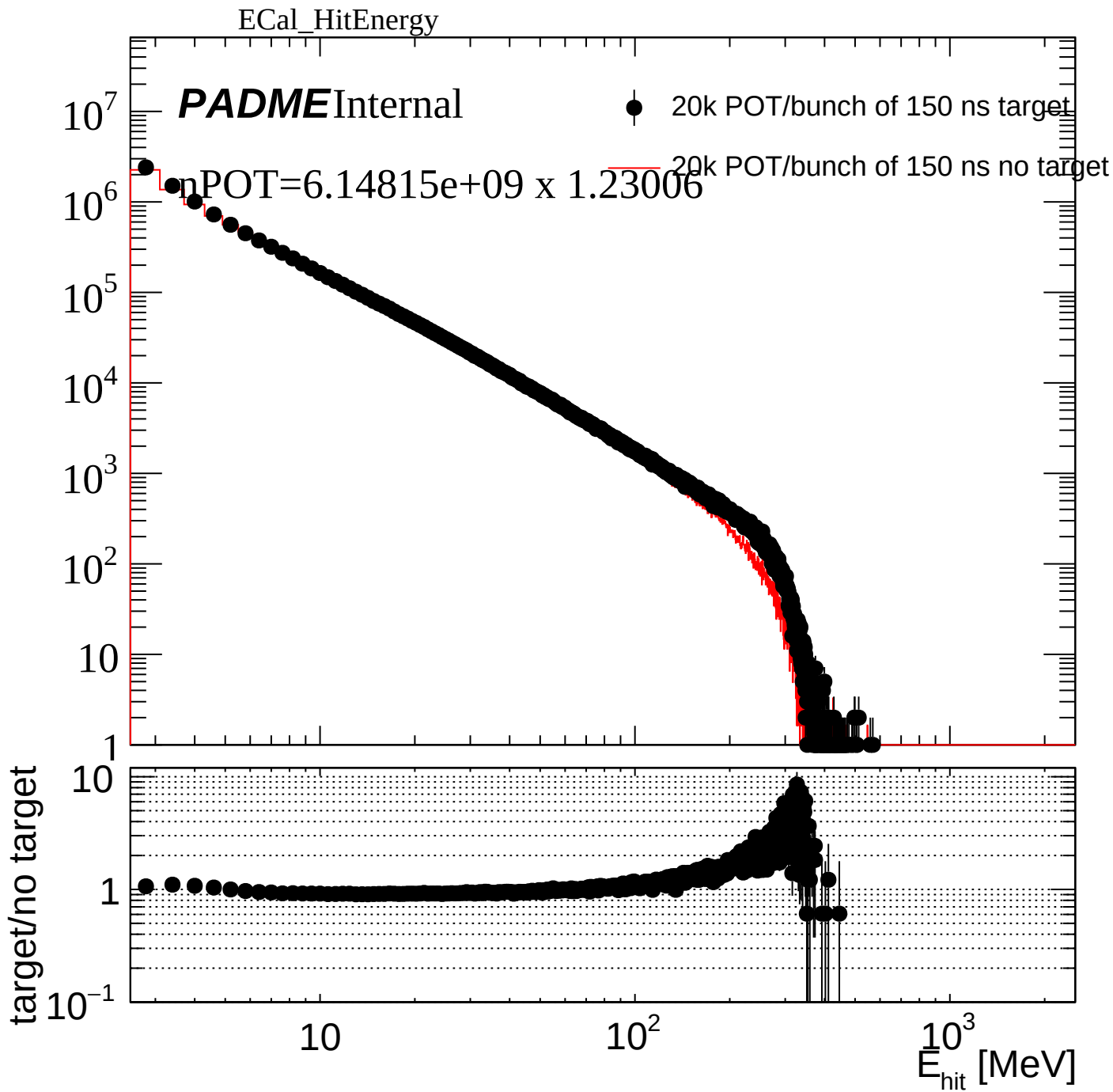
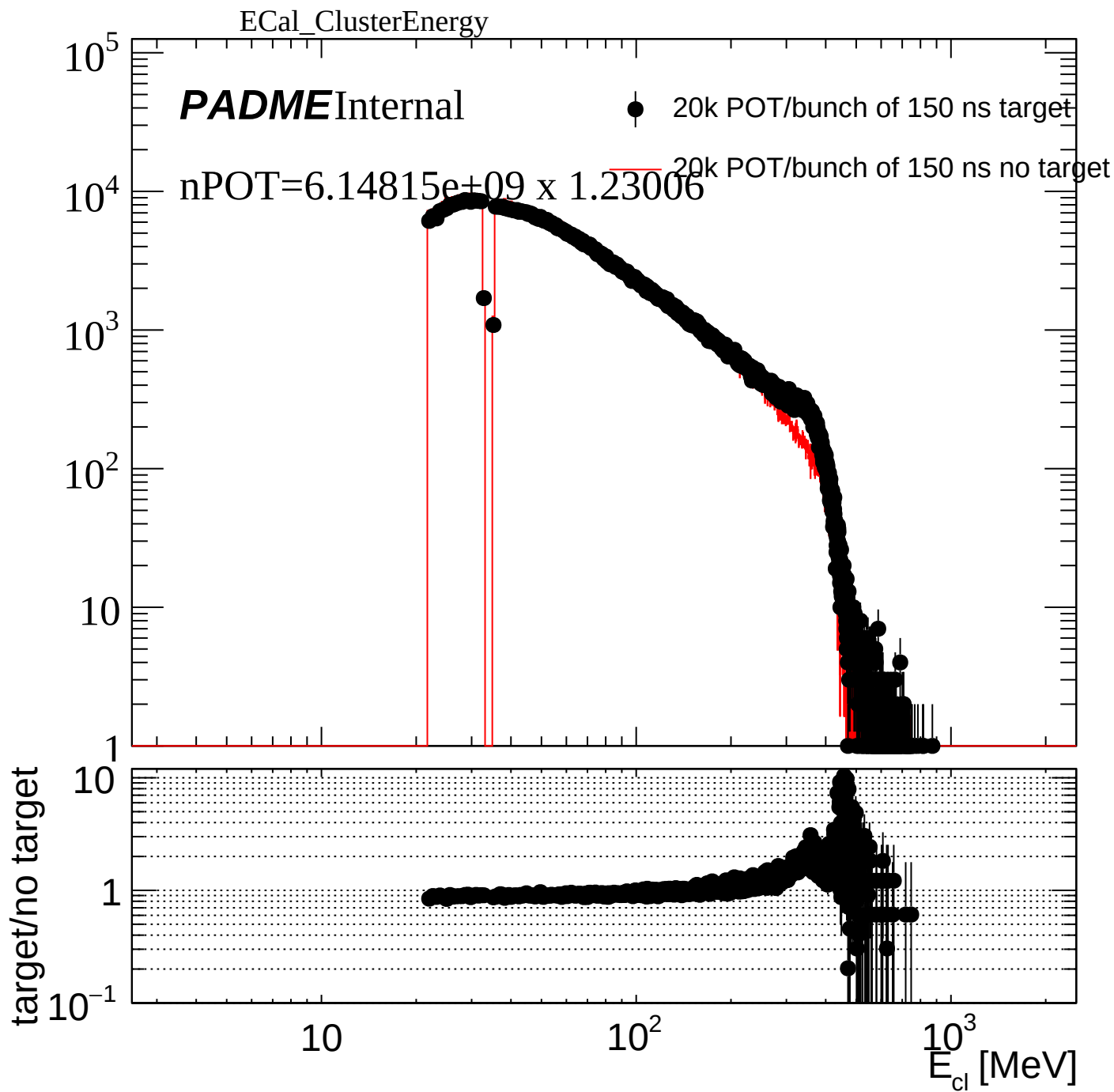
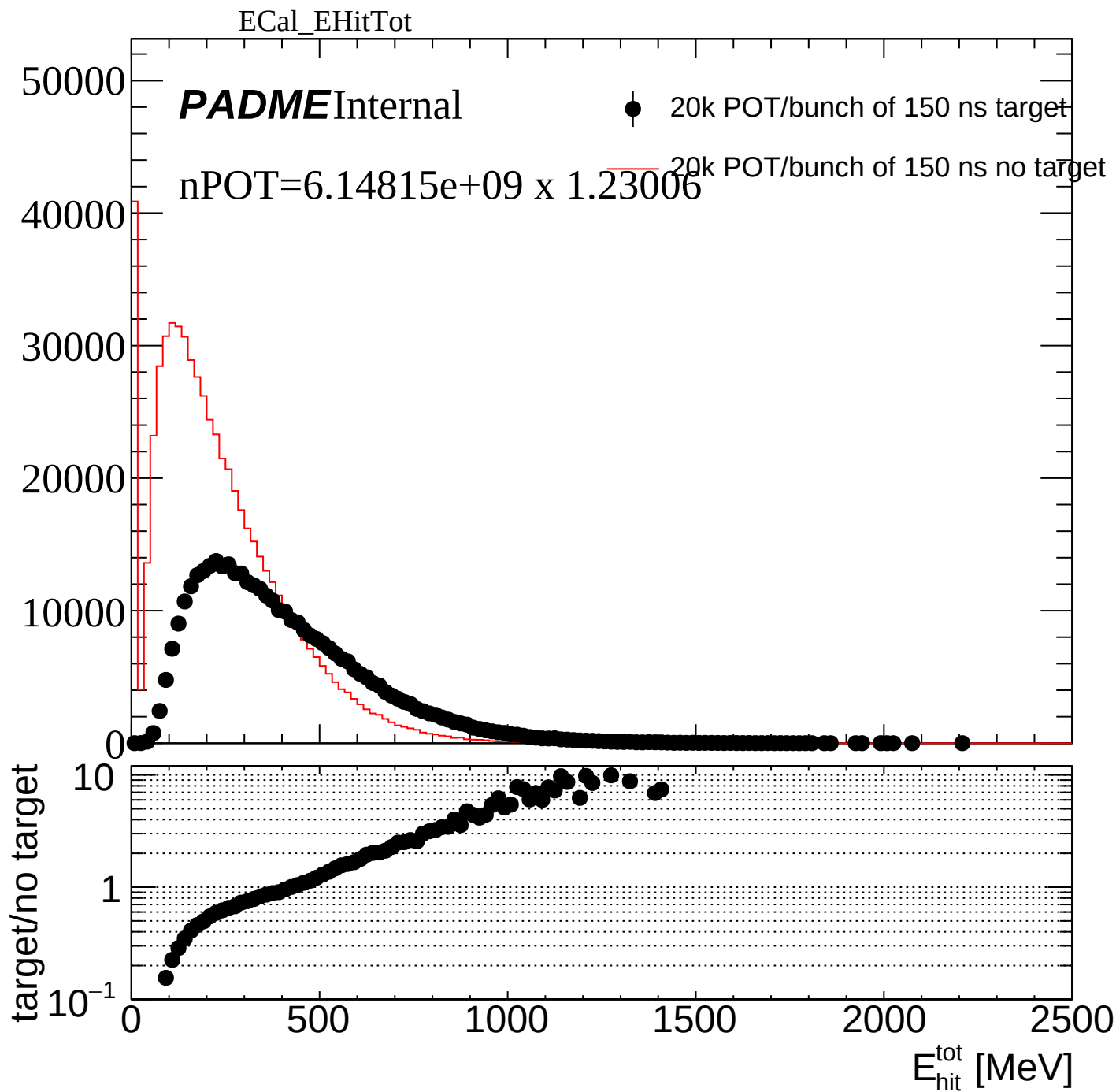


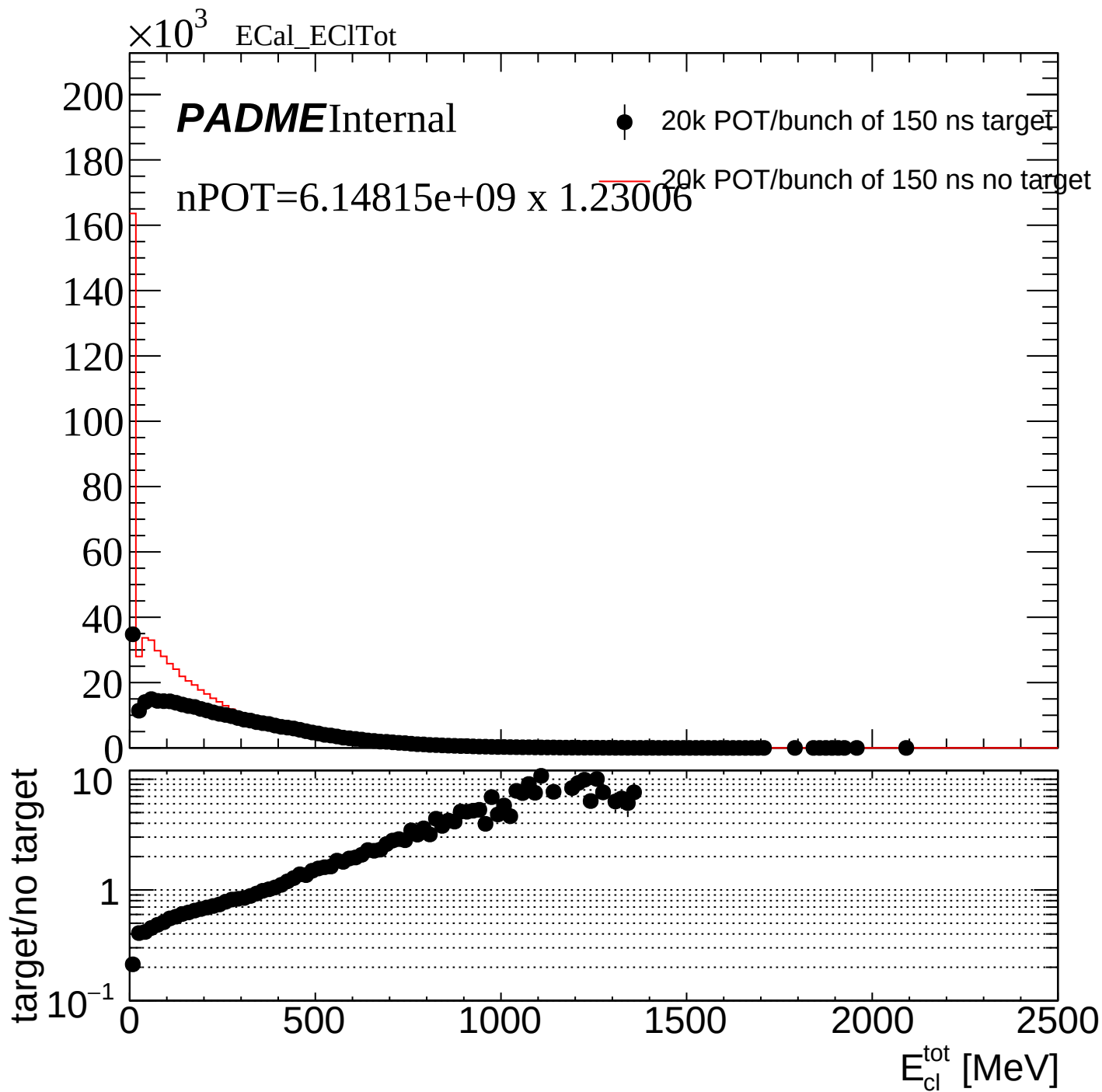


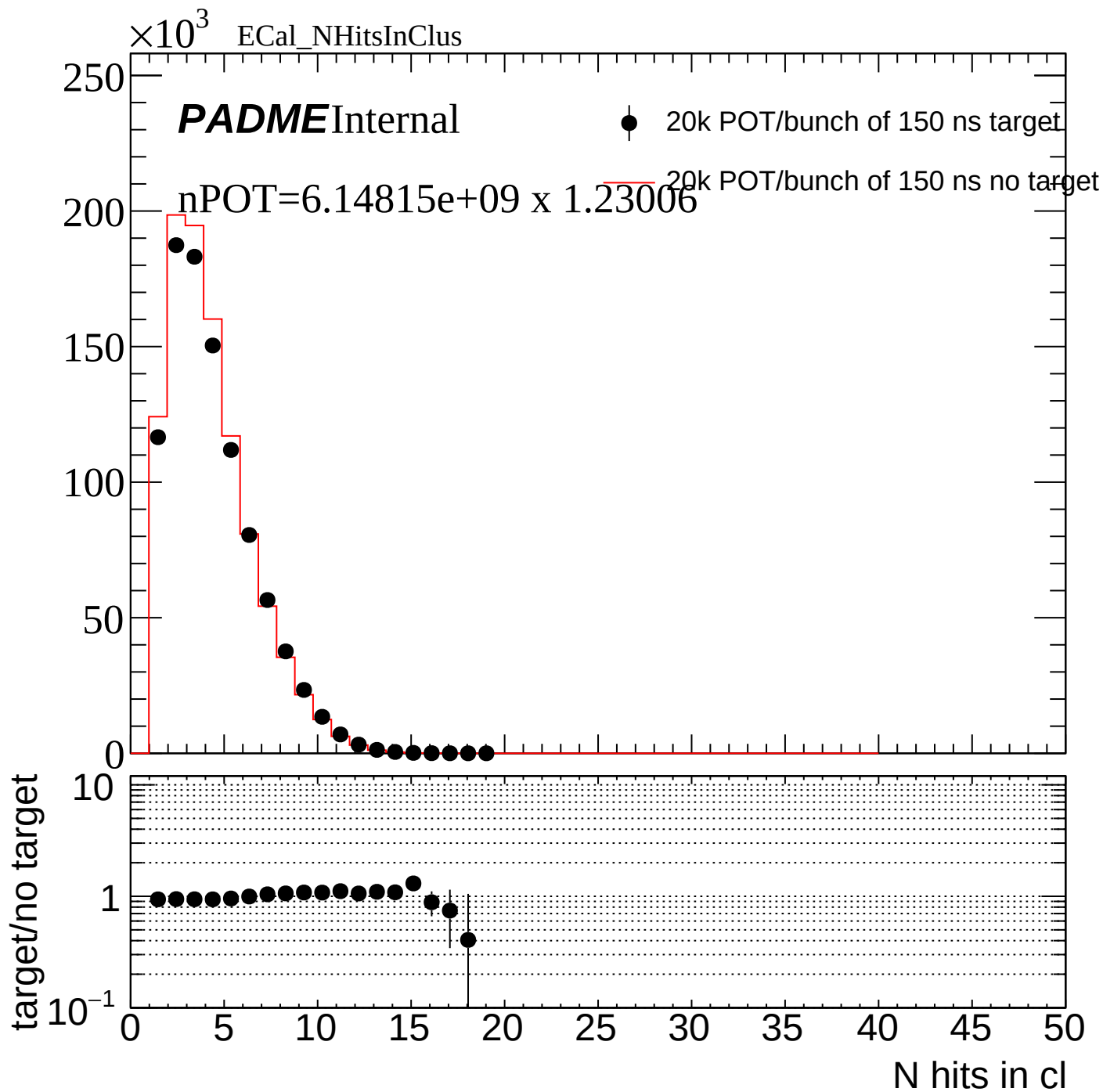


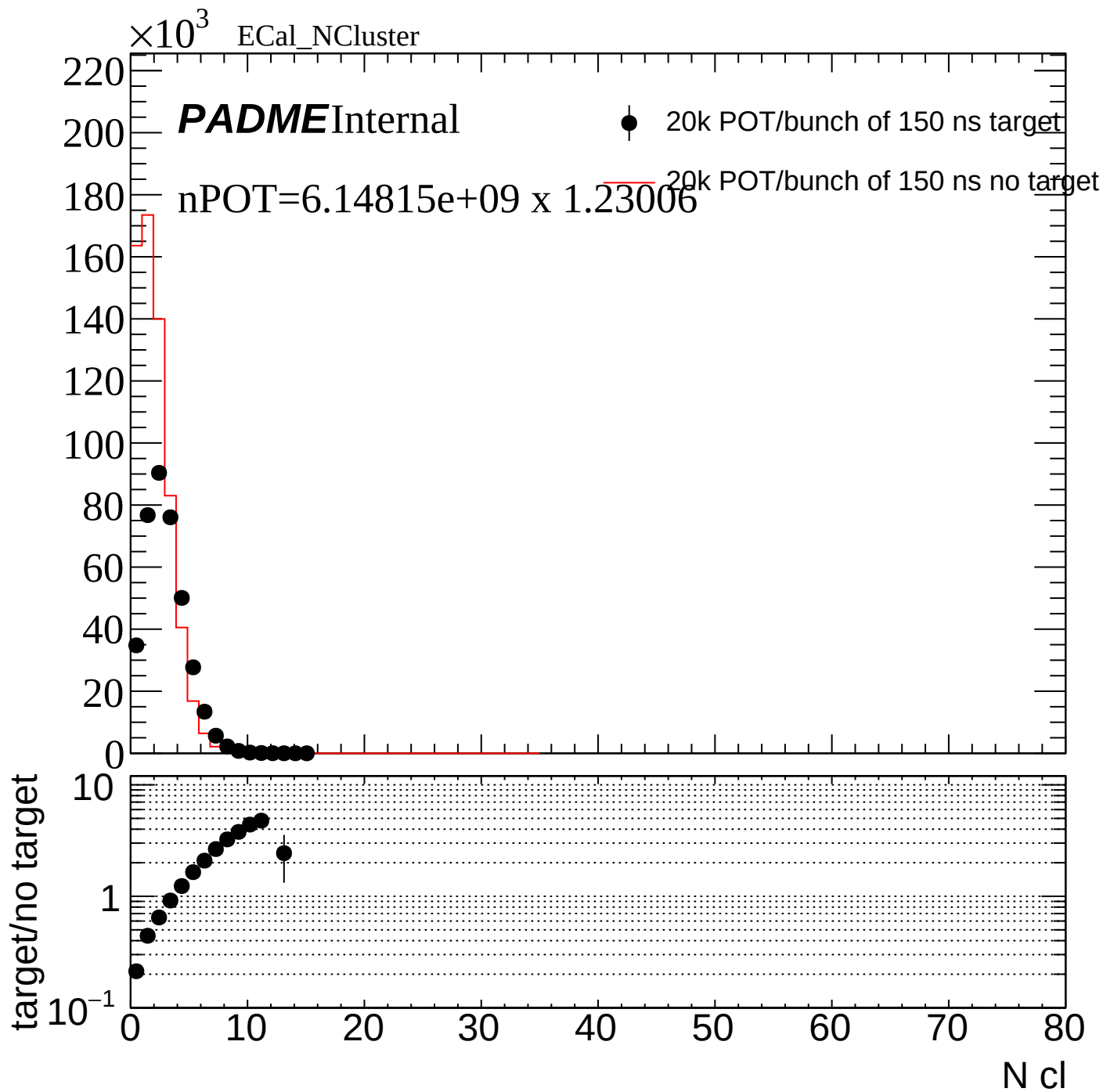


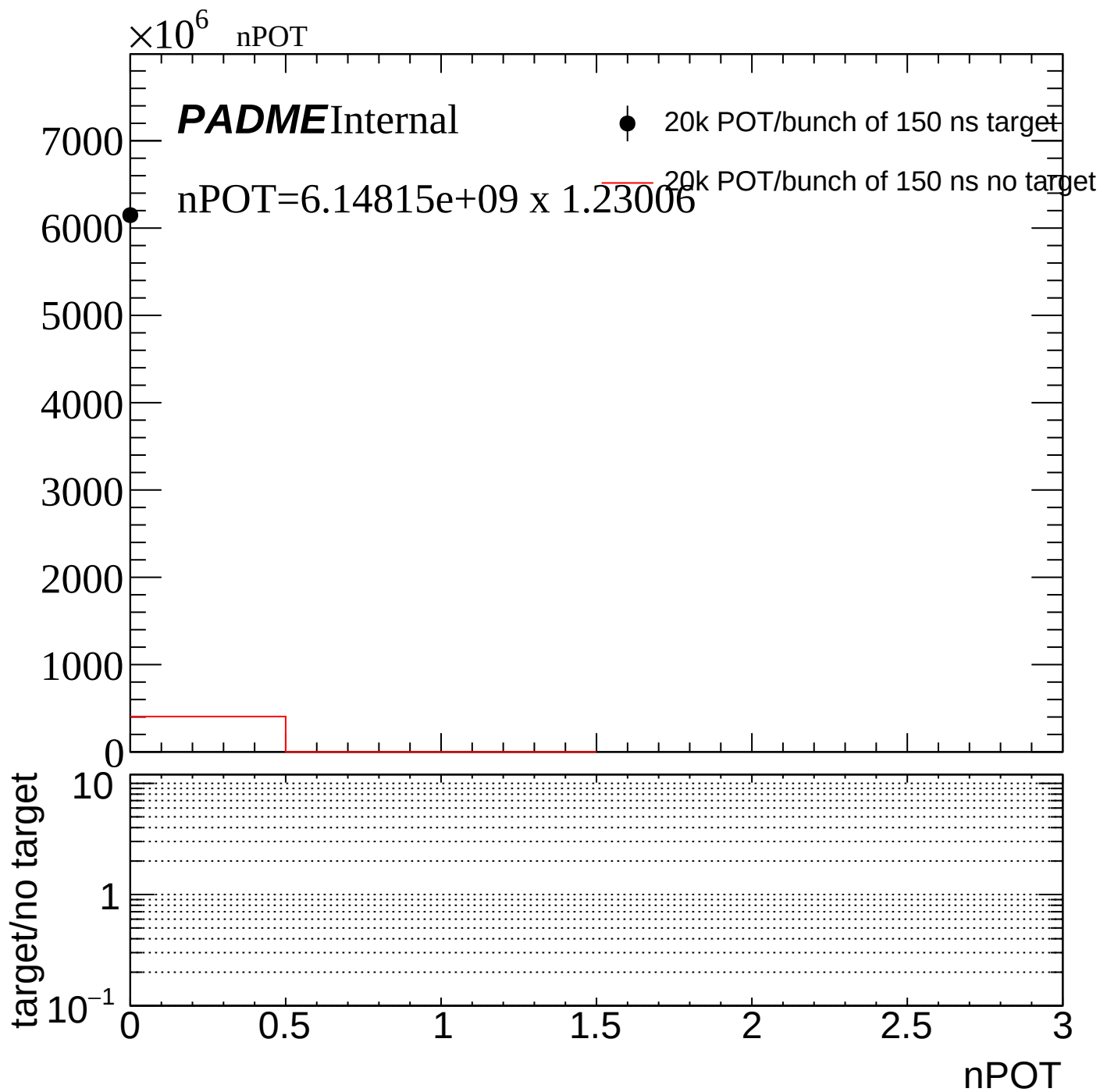


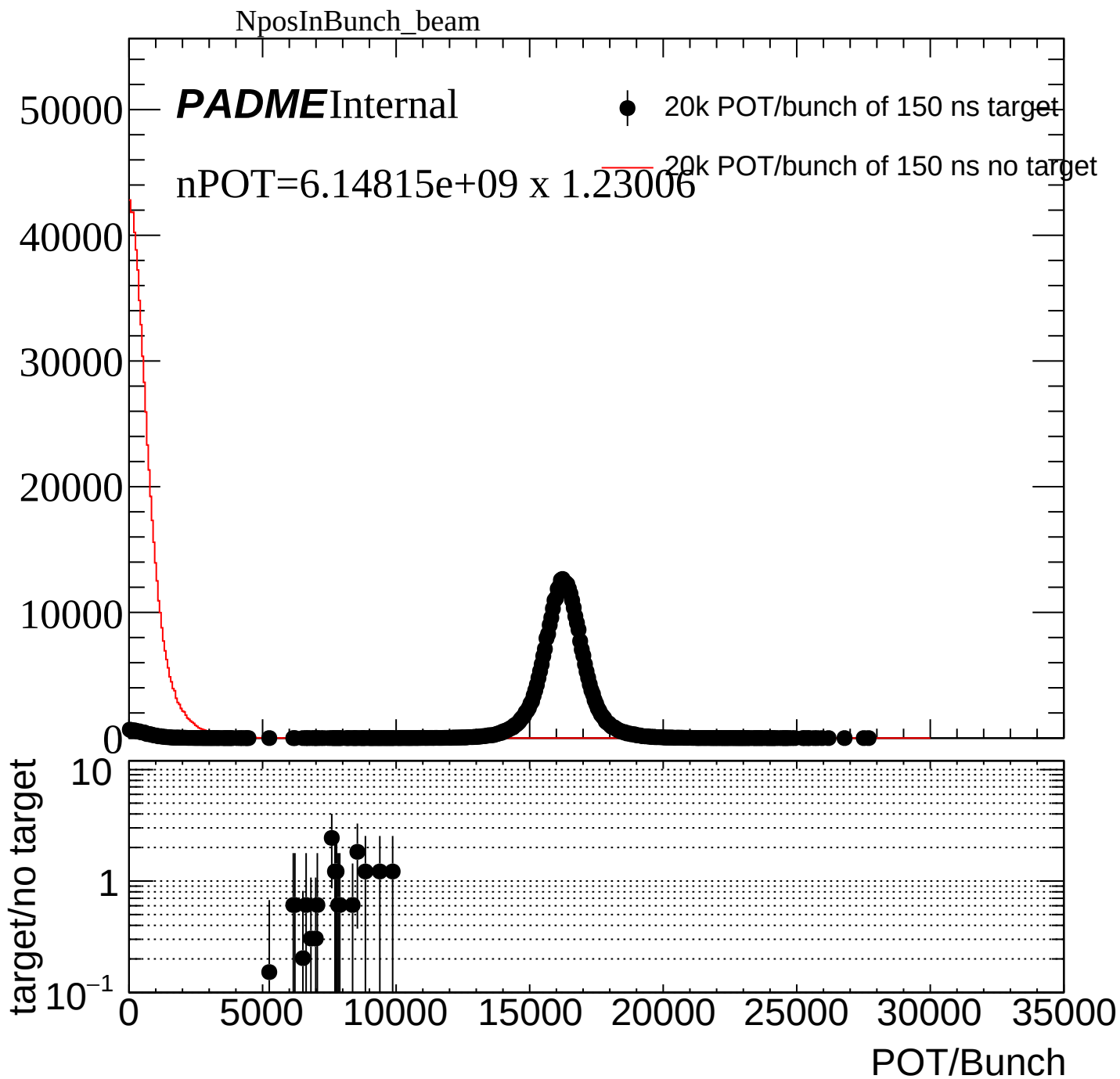










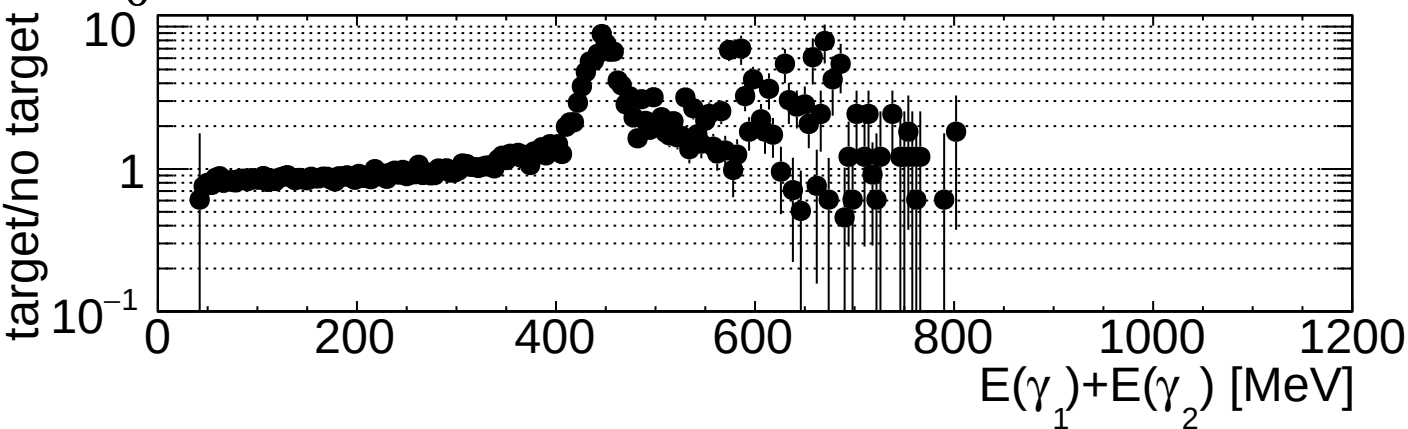


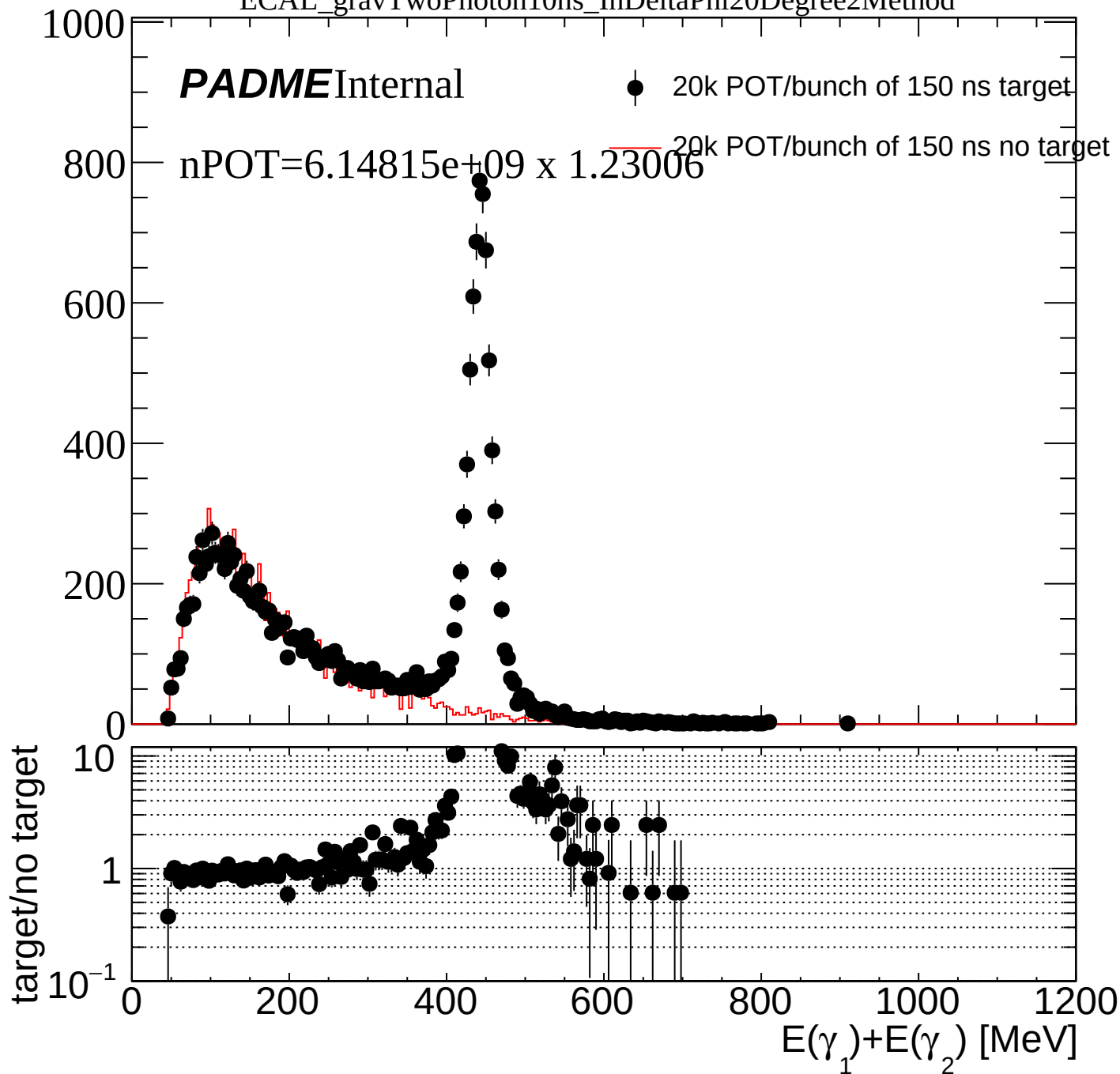
ECAL_twoPhotonInTime10ns

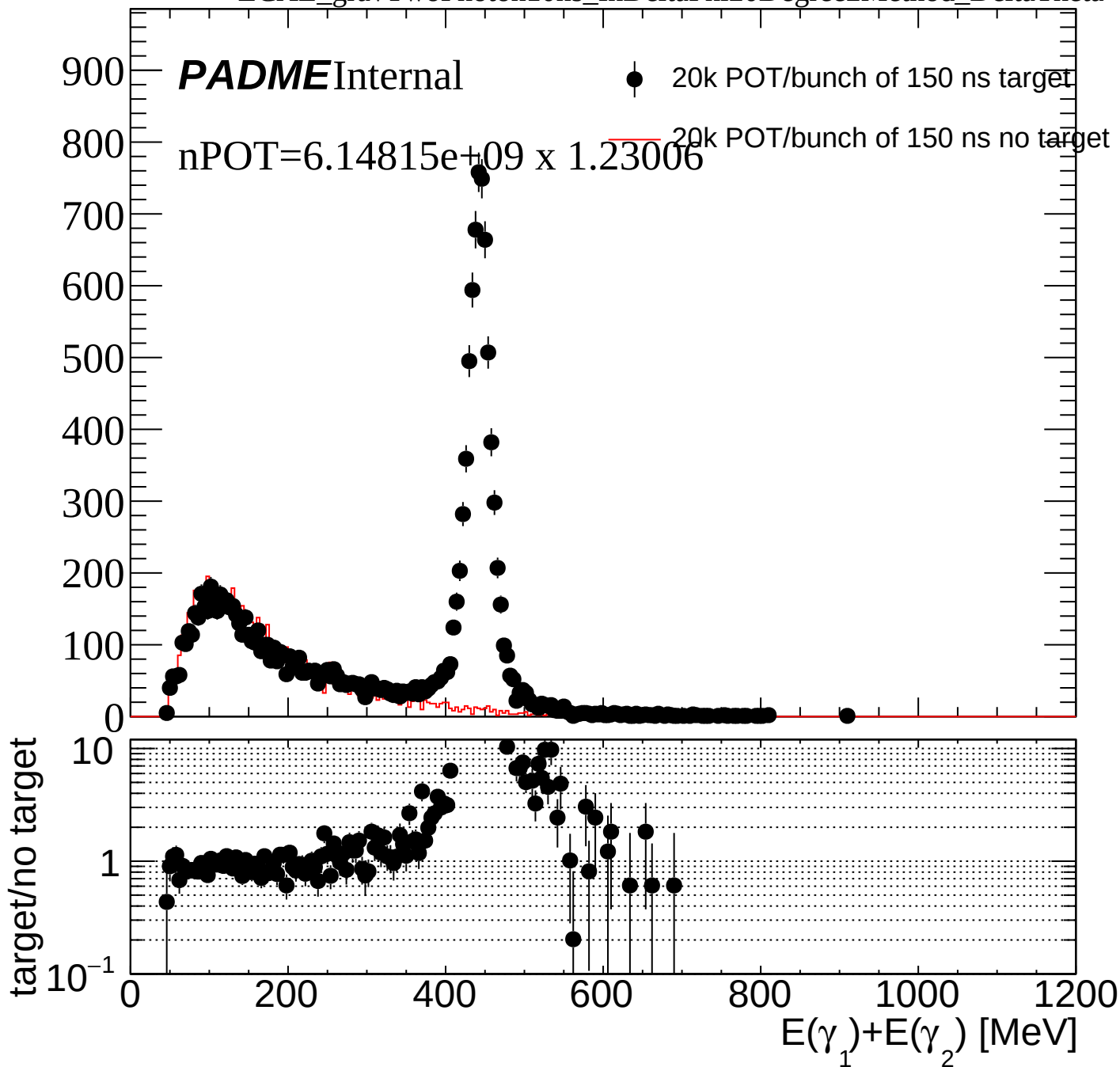
PADMEInternal

● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006







ECAL_gravTwoPhoton10ns1cm

PADME Internal

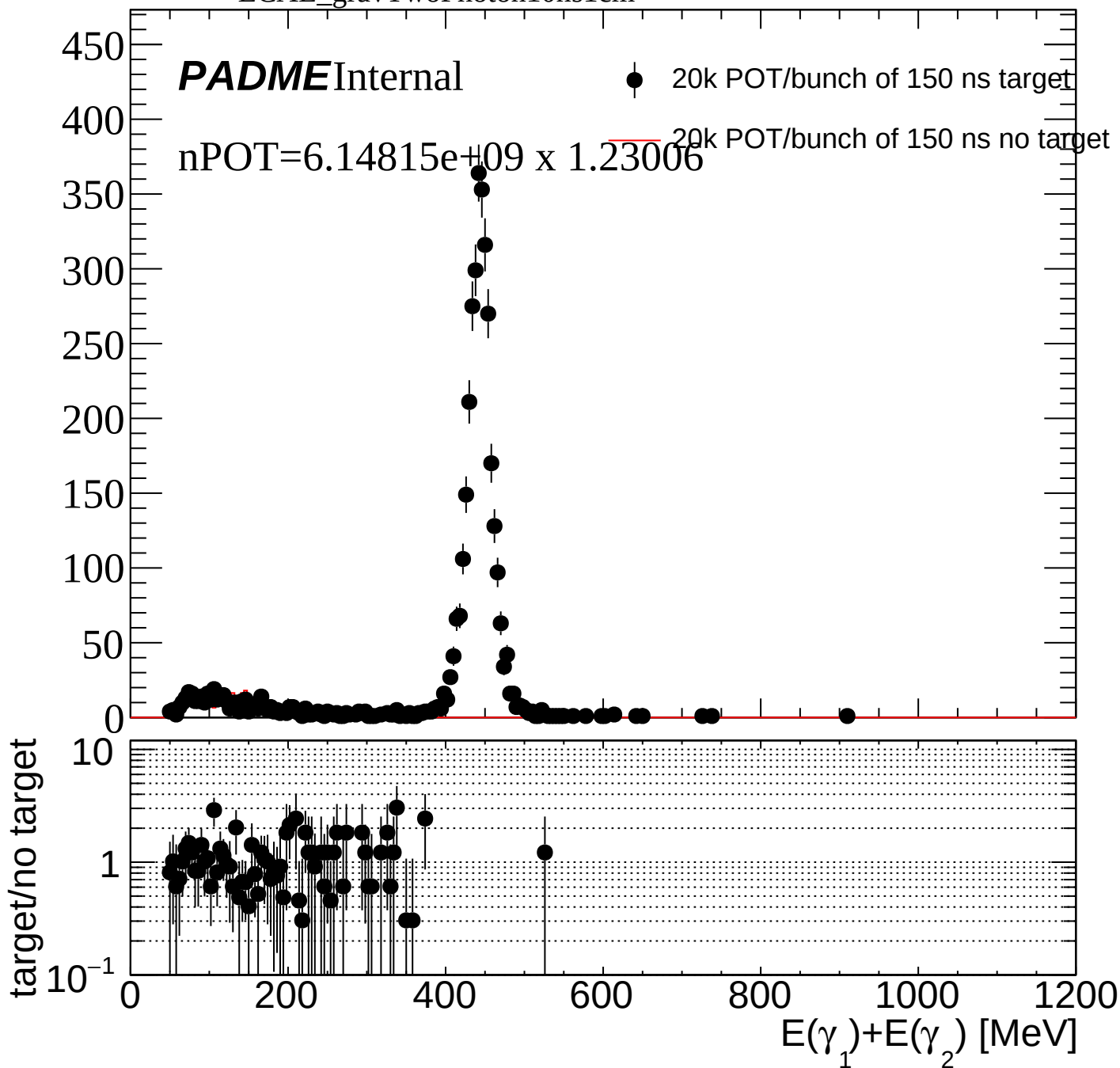
nPOT=6.14815e+09 x 1.23006

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target

target/no target

$E(\gamma_1)+E(\gamma_2)$ [MeV]



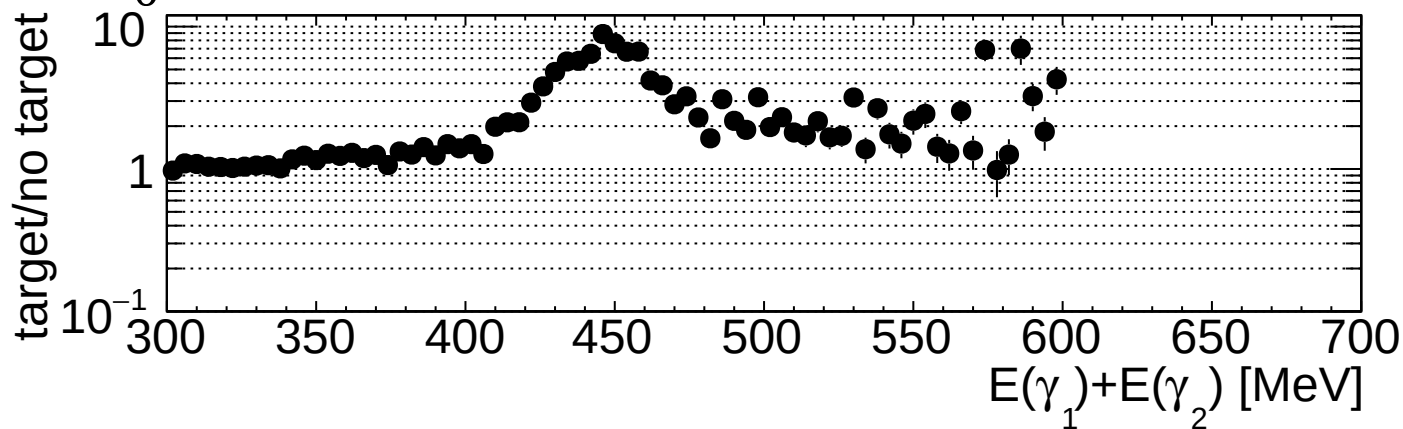
ECAL_twoPhotonInTime10nsUnderPeak

PADMEInternal

$n\text{POT}=6.14815\text{e}+09 \times 1.23006$

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target

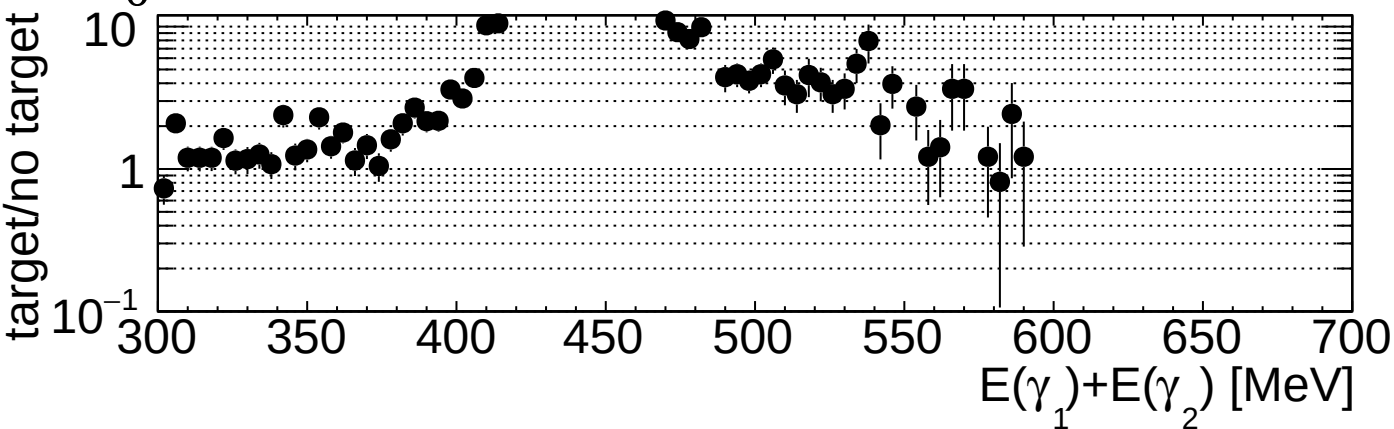


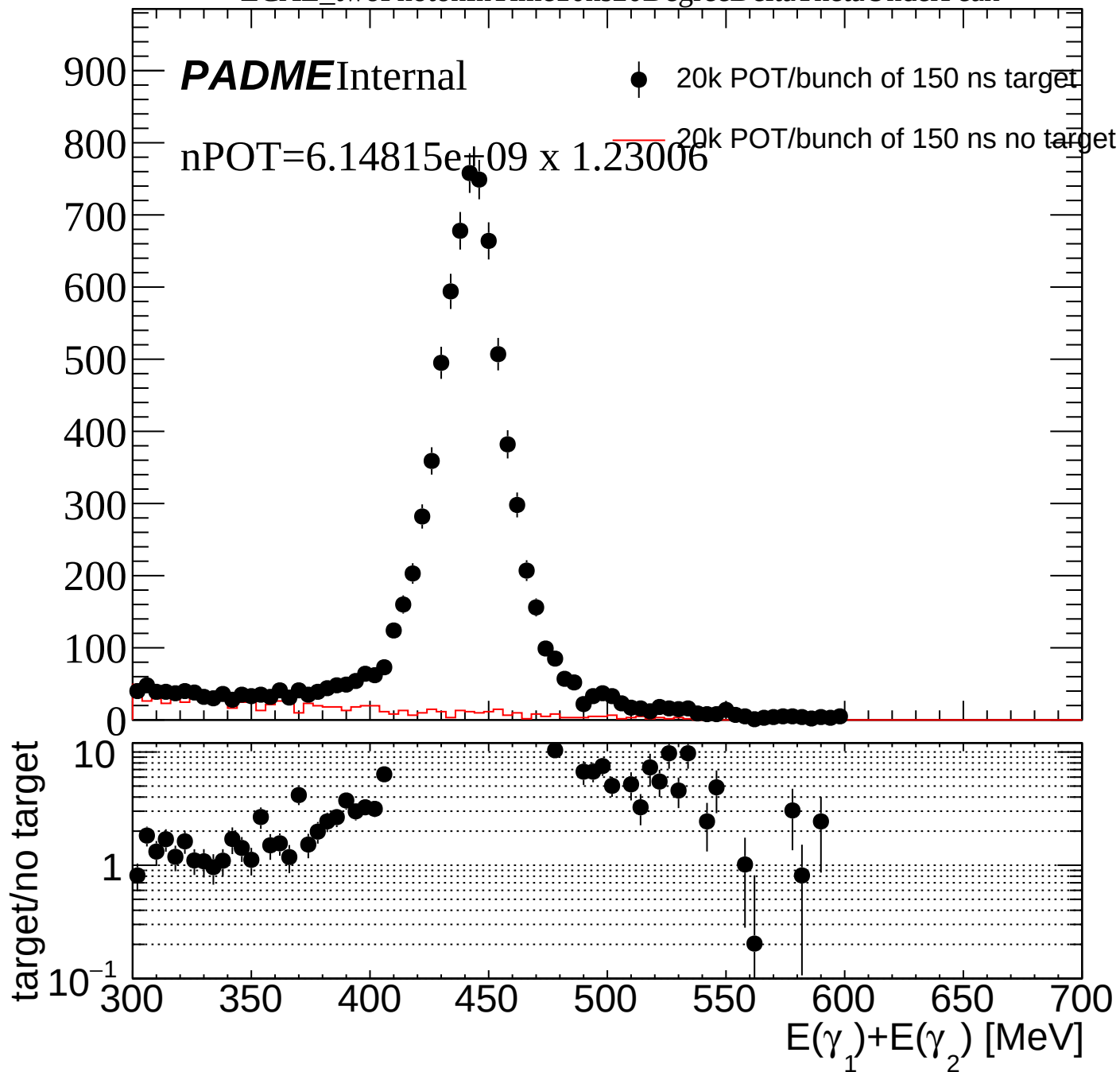
ECAL_twoPhotonInTime10ns20DegreeUnderPeak

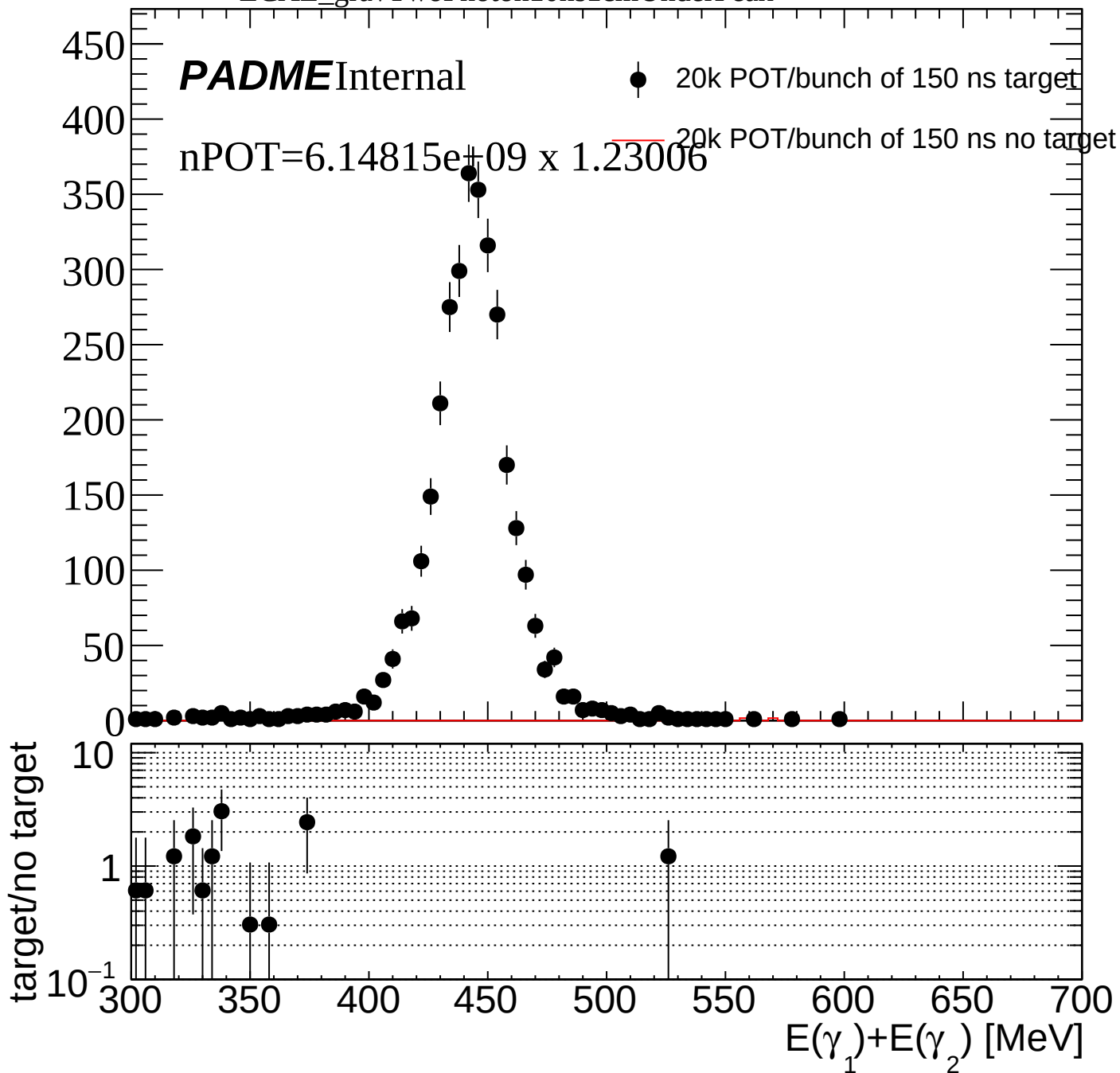
PADME Internal

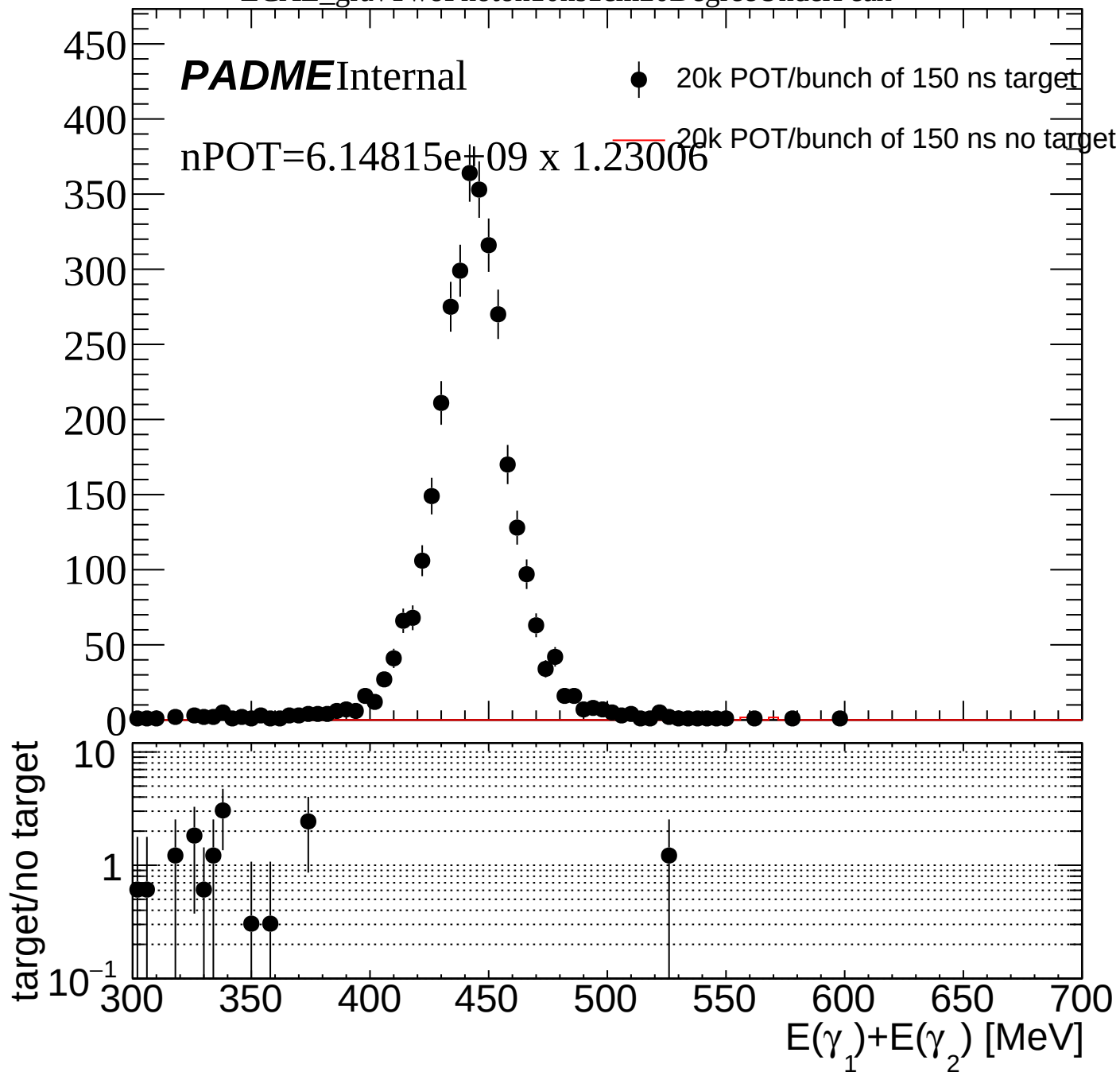
● 20k POT/bunch of 150 ns target

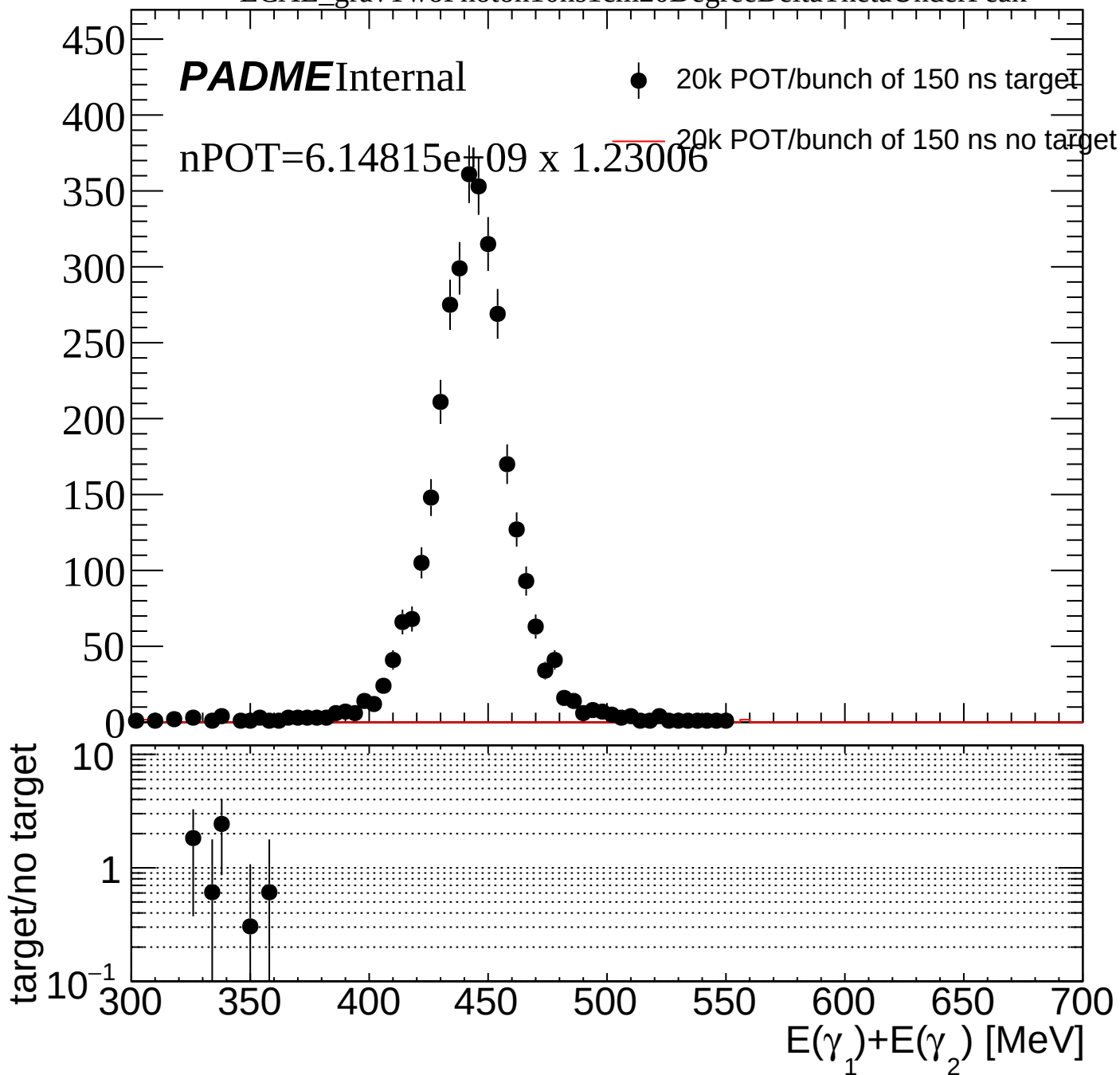
nPOT=6.14815e+09 x 1.23006



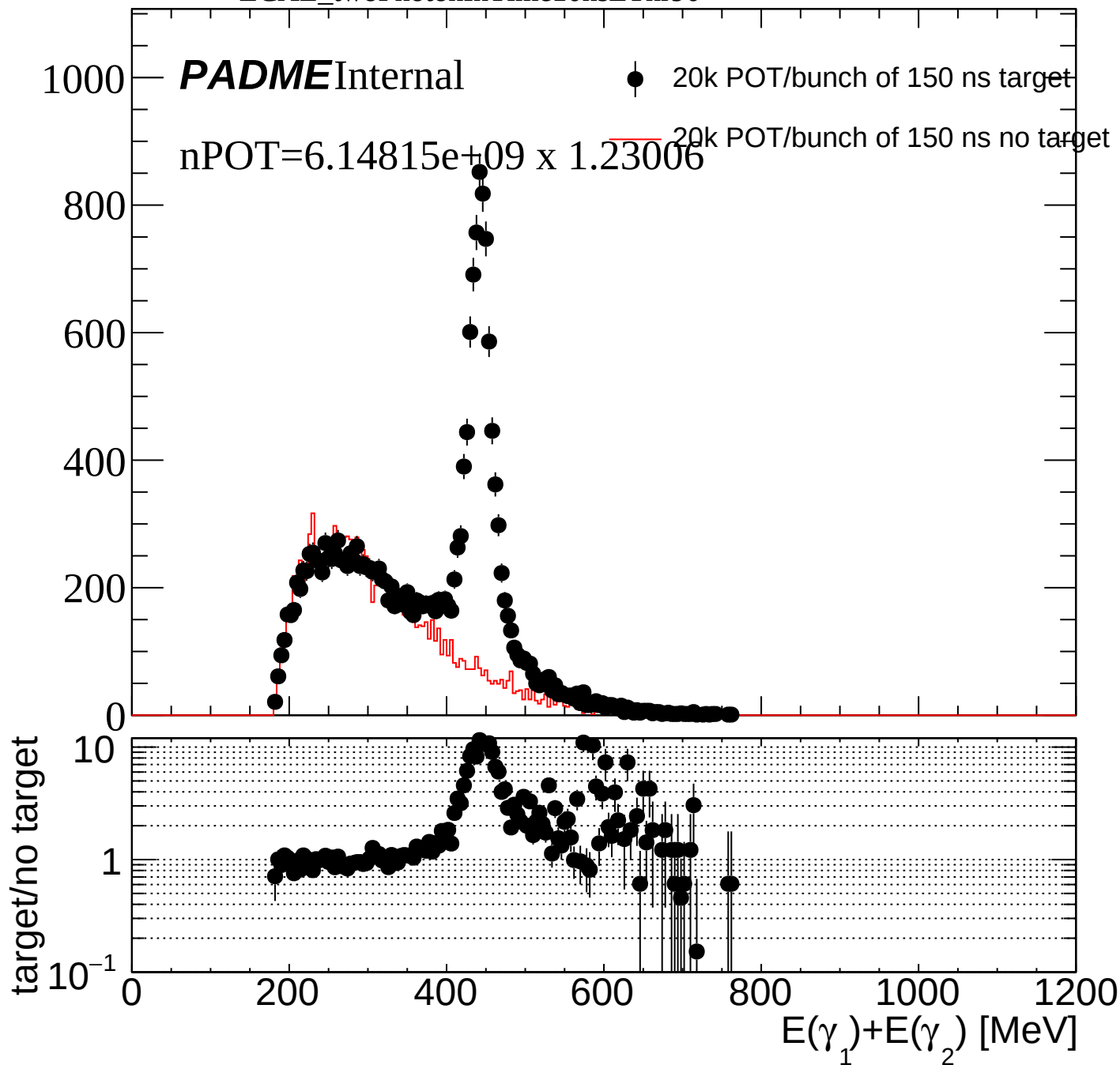








ECAL_twoPhotonInTime10nsEThr90



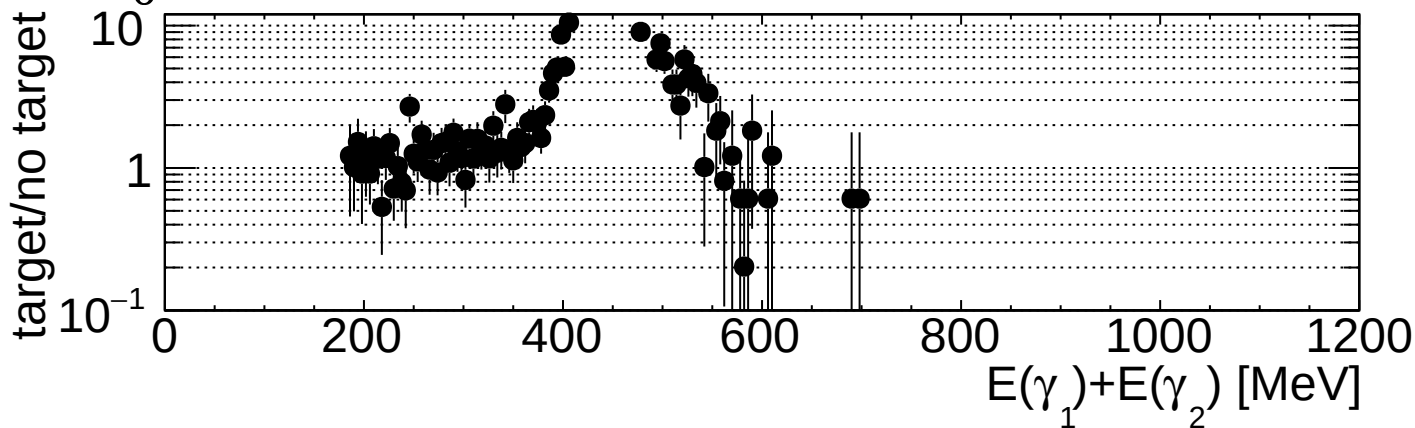
ECAL_twoPhotonInTime10ns20DegreeEThr90

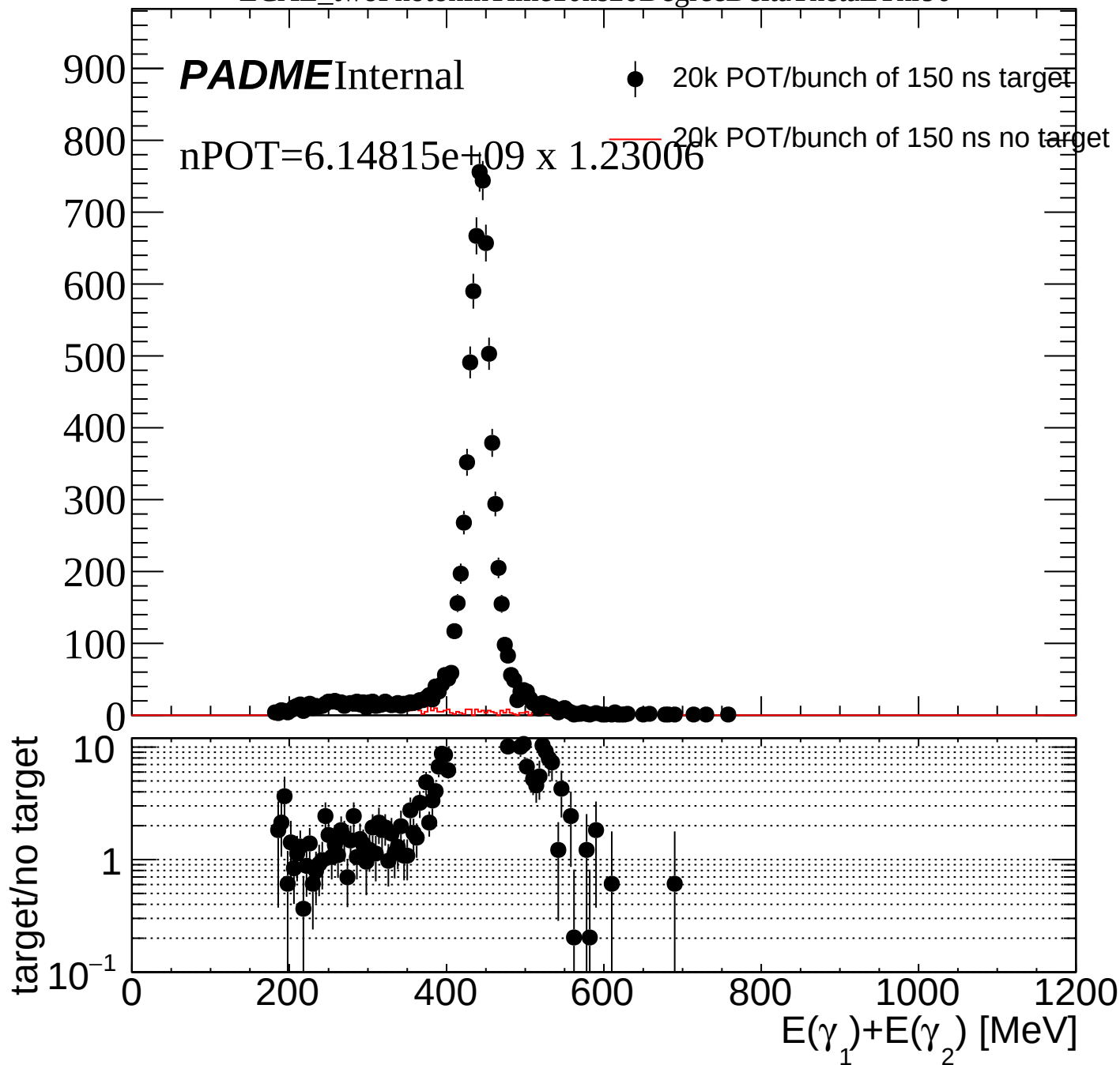
PADME Internal

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target

nPOT=6.14815e+09 x 1.23006





ECAL_gravTwoPhoton10ns1cmEThr90

PADME Internal

$n\text{POT}=6.14815\text{e}+09 \times 1.23006$

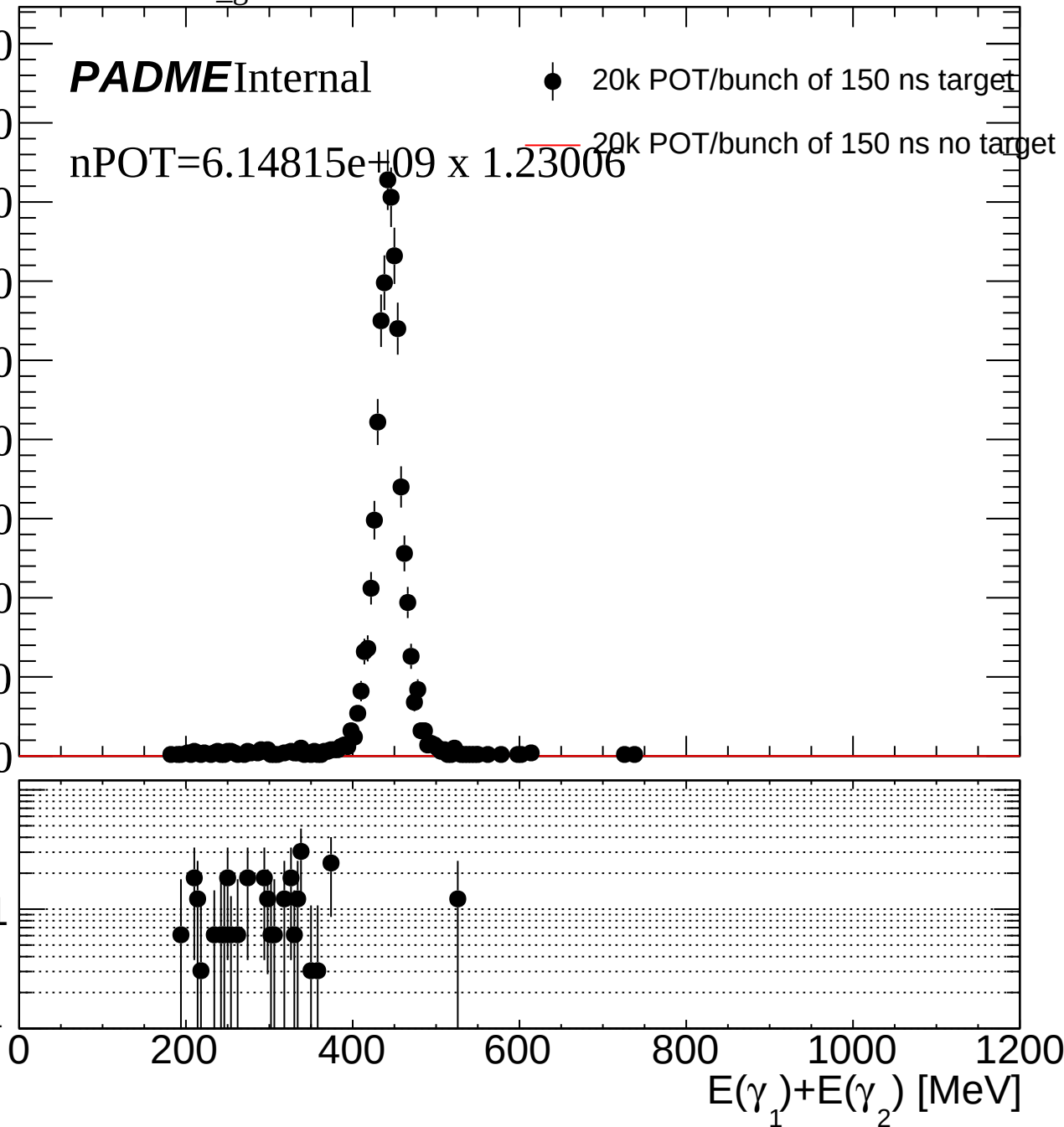
● 20k POT/bunch of 150 ns target

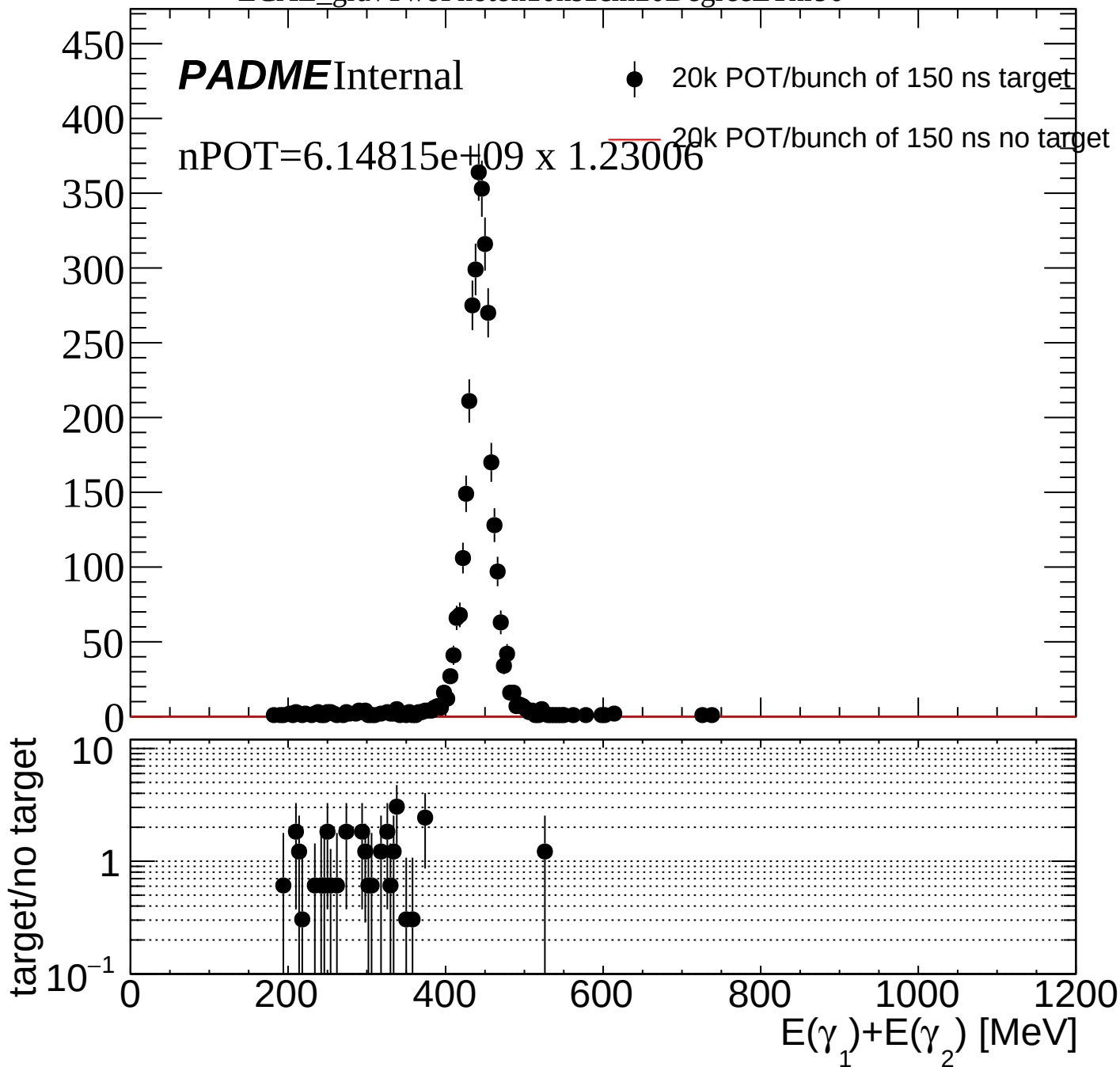
— 20k POT/bunch of 150 ns no target

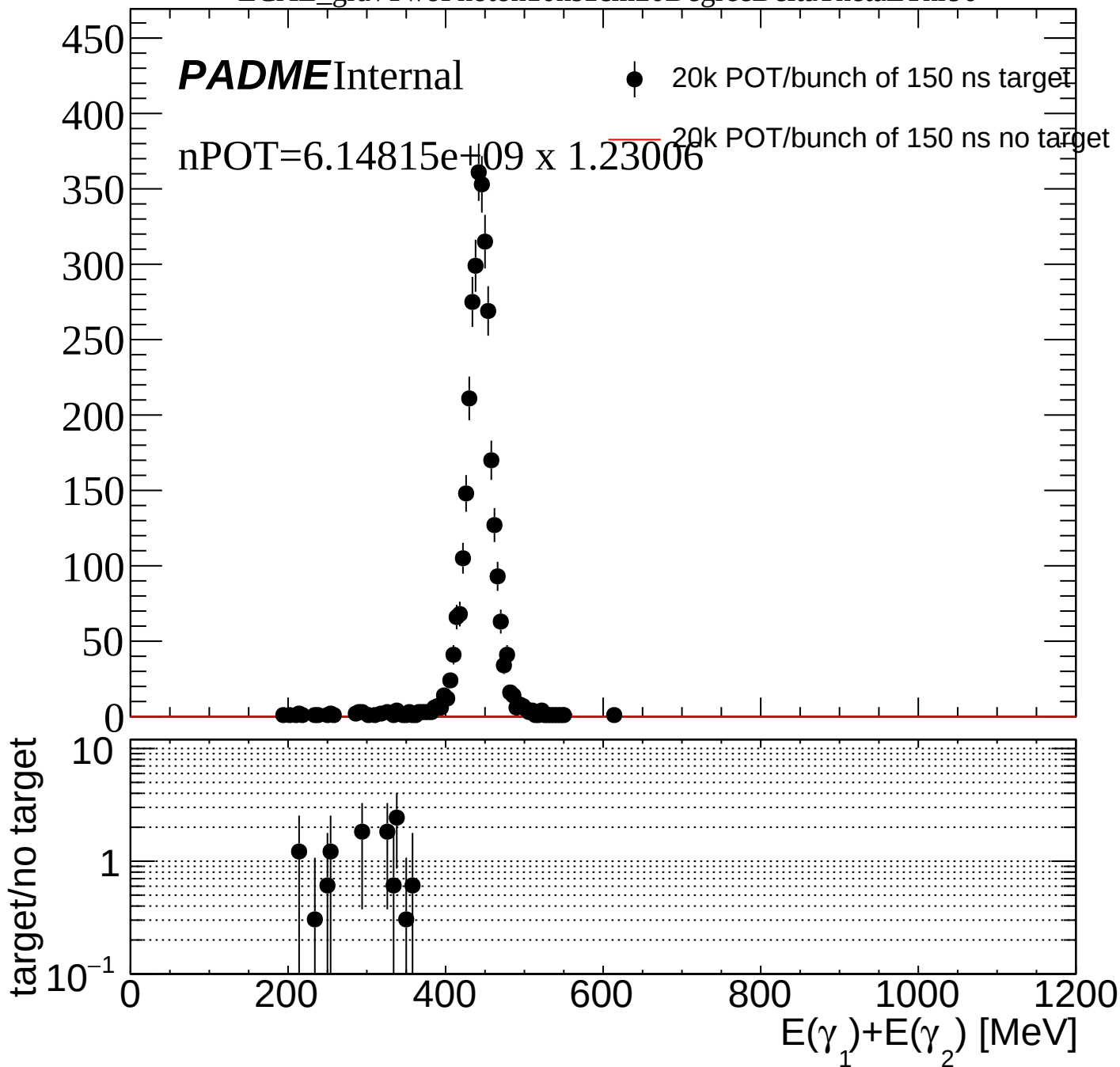
target/no target

10
1
 10^{-1}

$E(\gamma_1)+E(\gamma_2)$ [MeV]







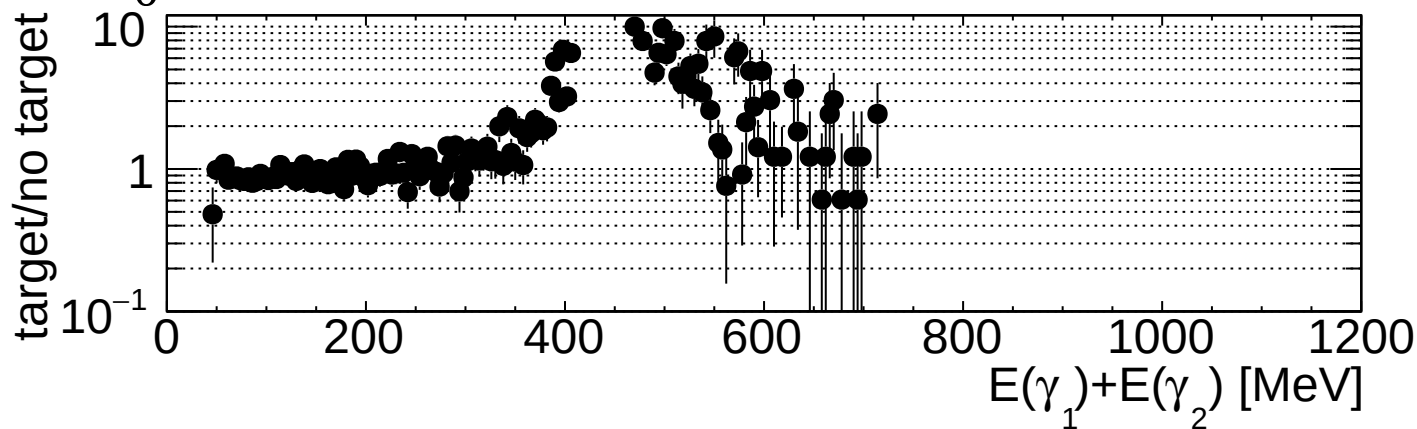
ECAL_gravTwoPhoton10ns5cm

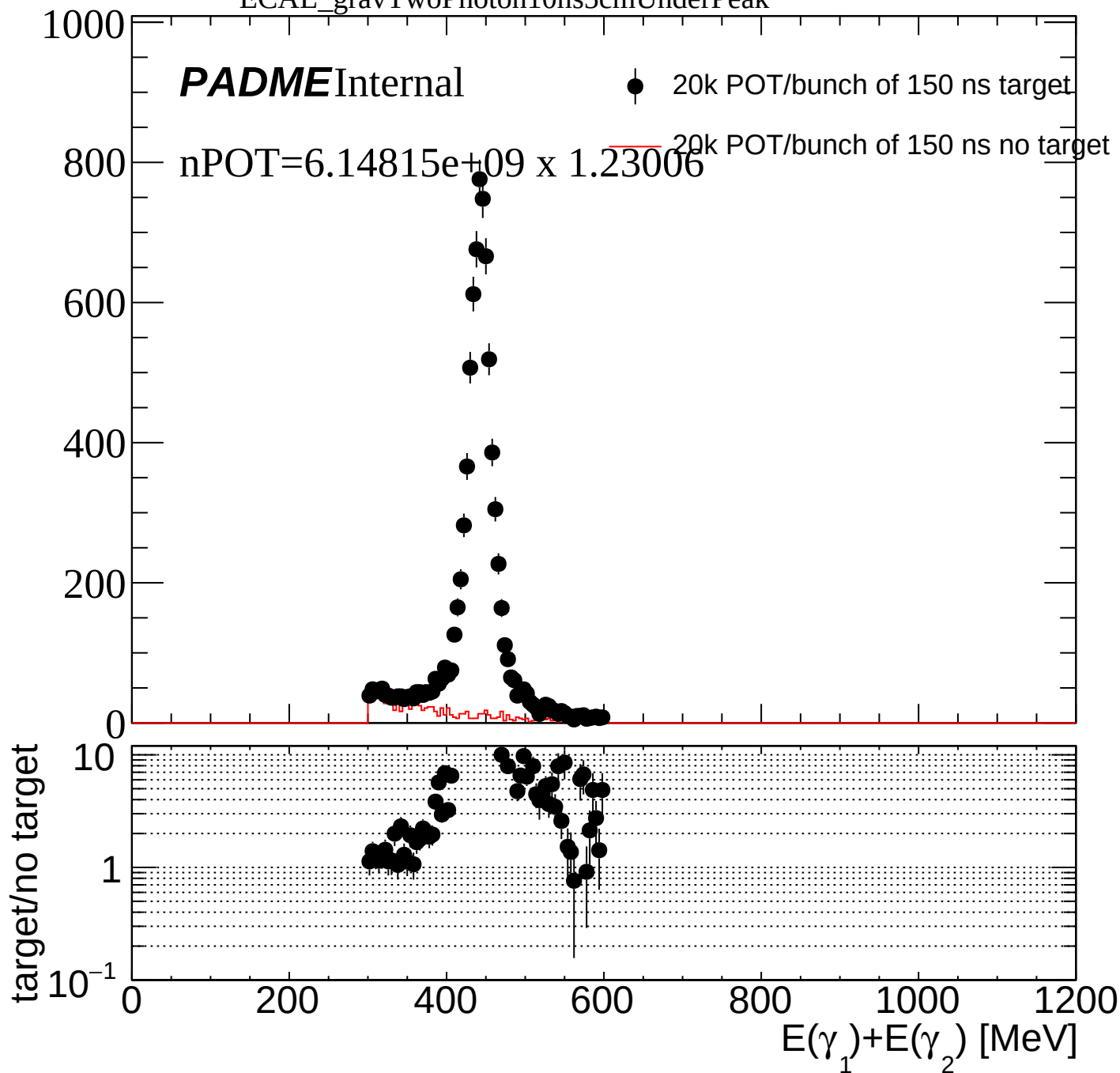
PADME Internal

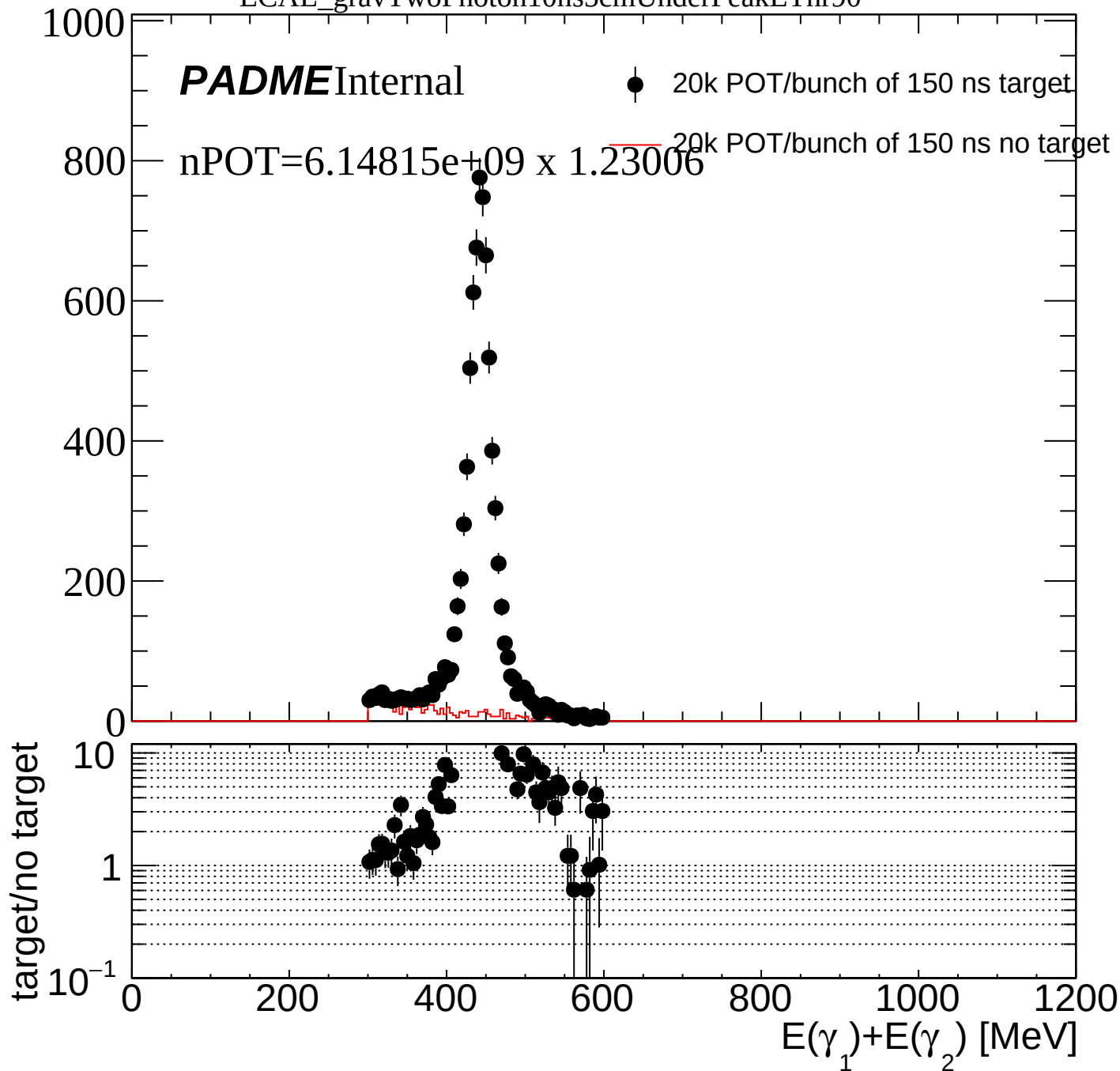
● 20k POT/bunch of 150 ns target

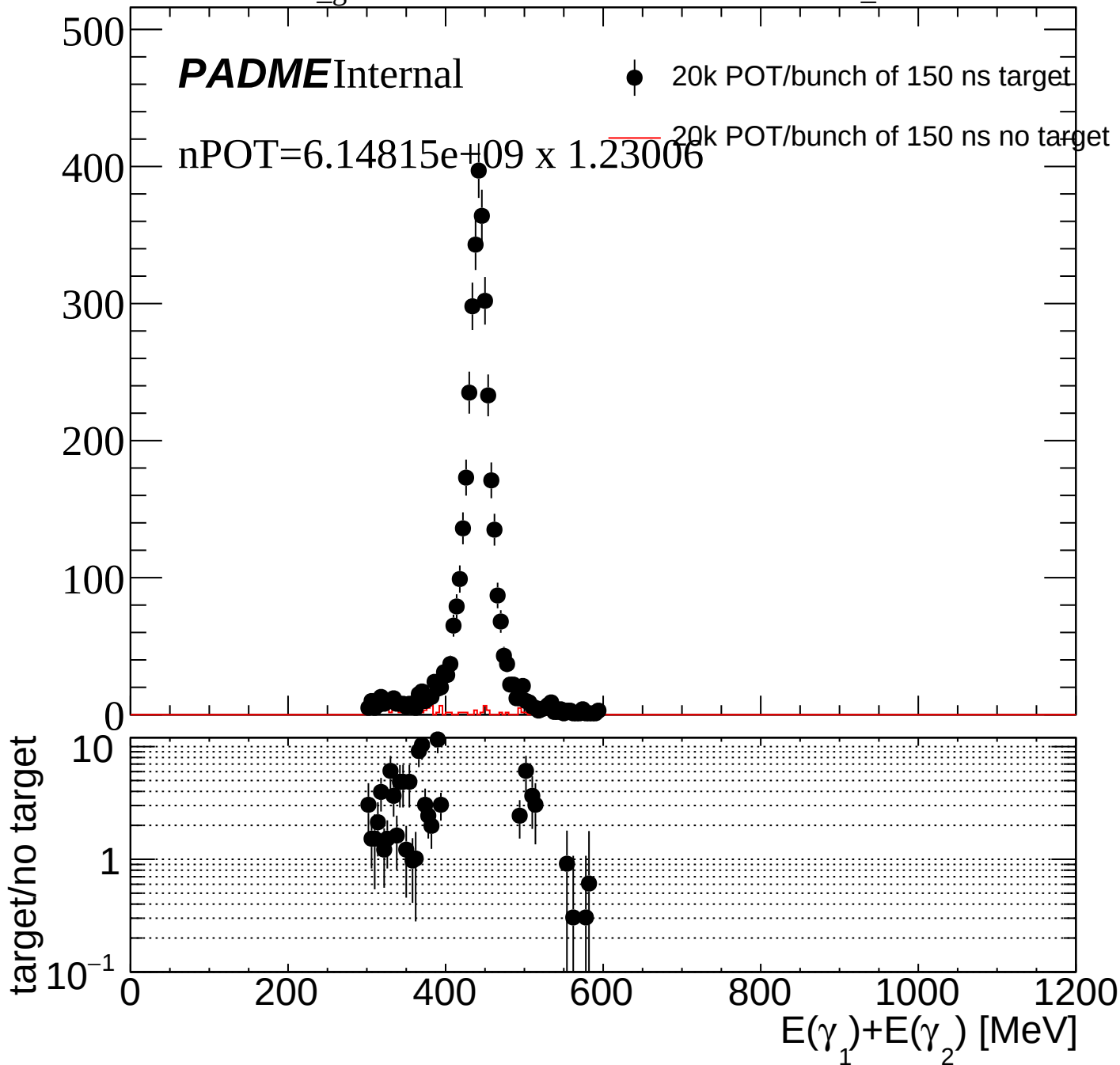
nPOT=6.14815e+09 x 1.23006

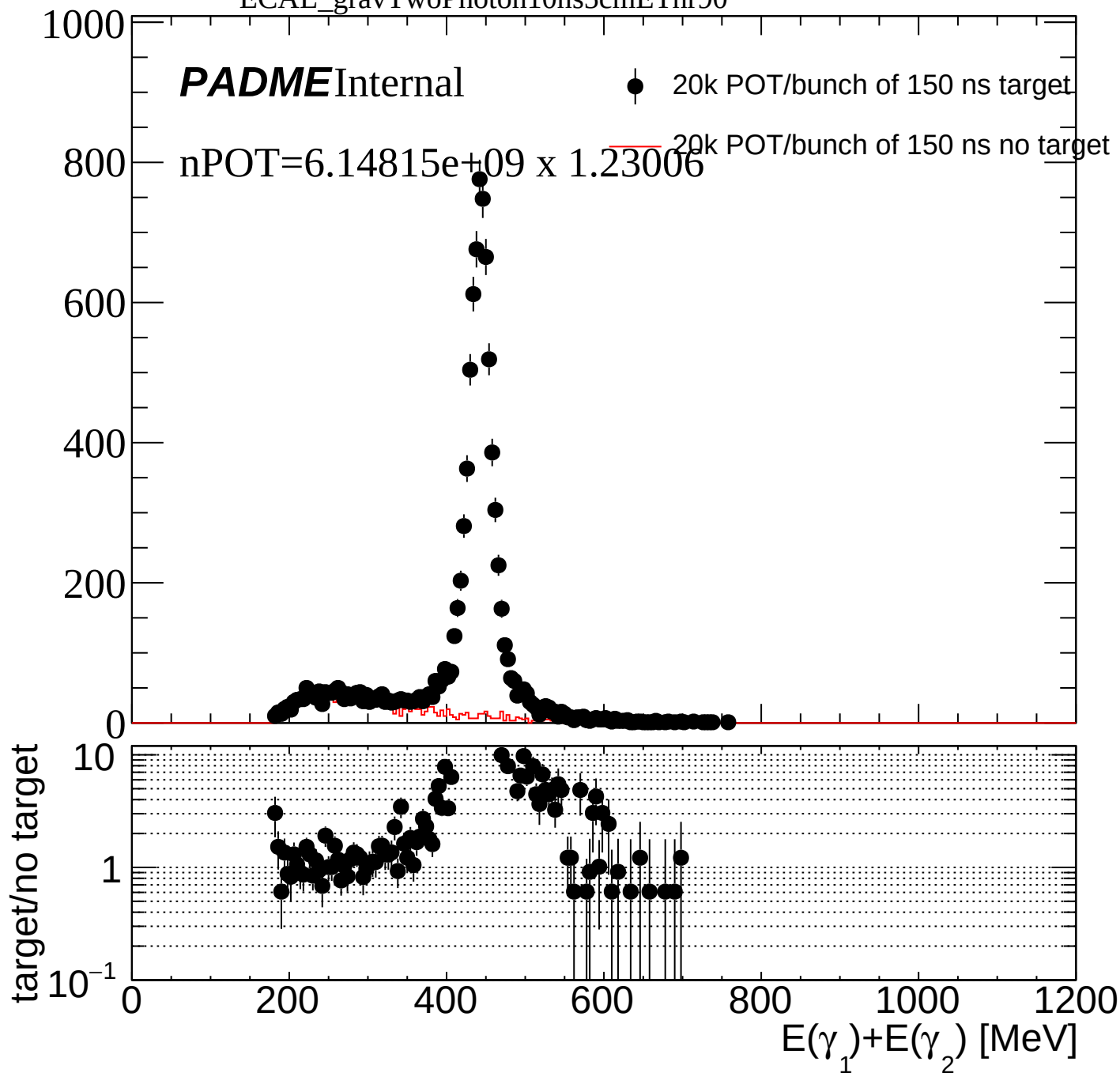
— 20k POT/bunch of 150 ns no target

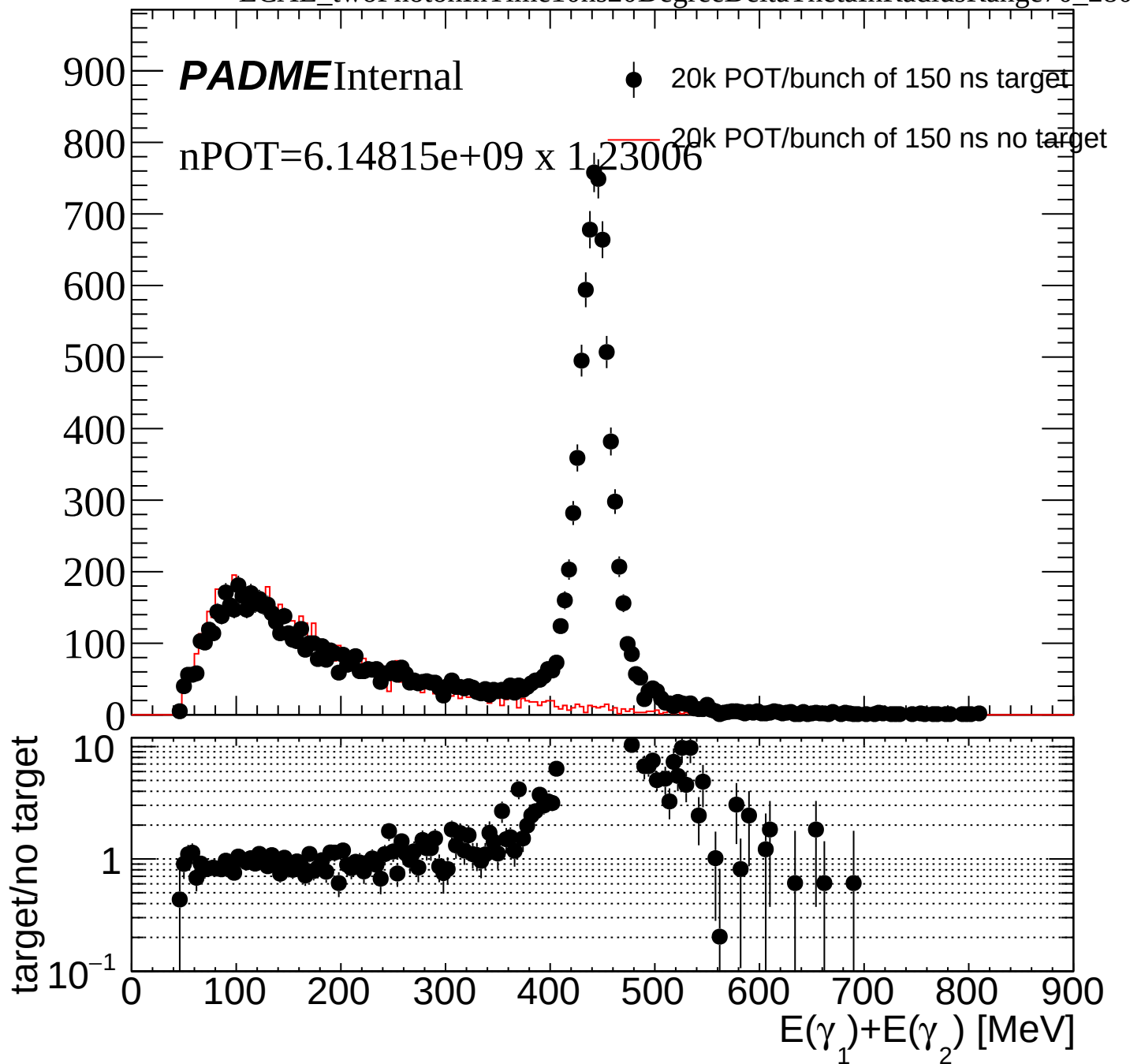


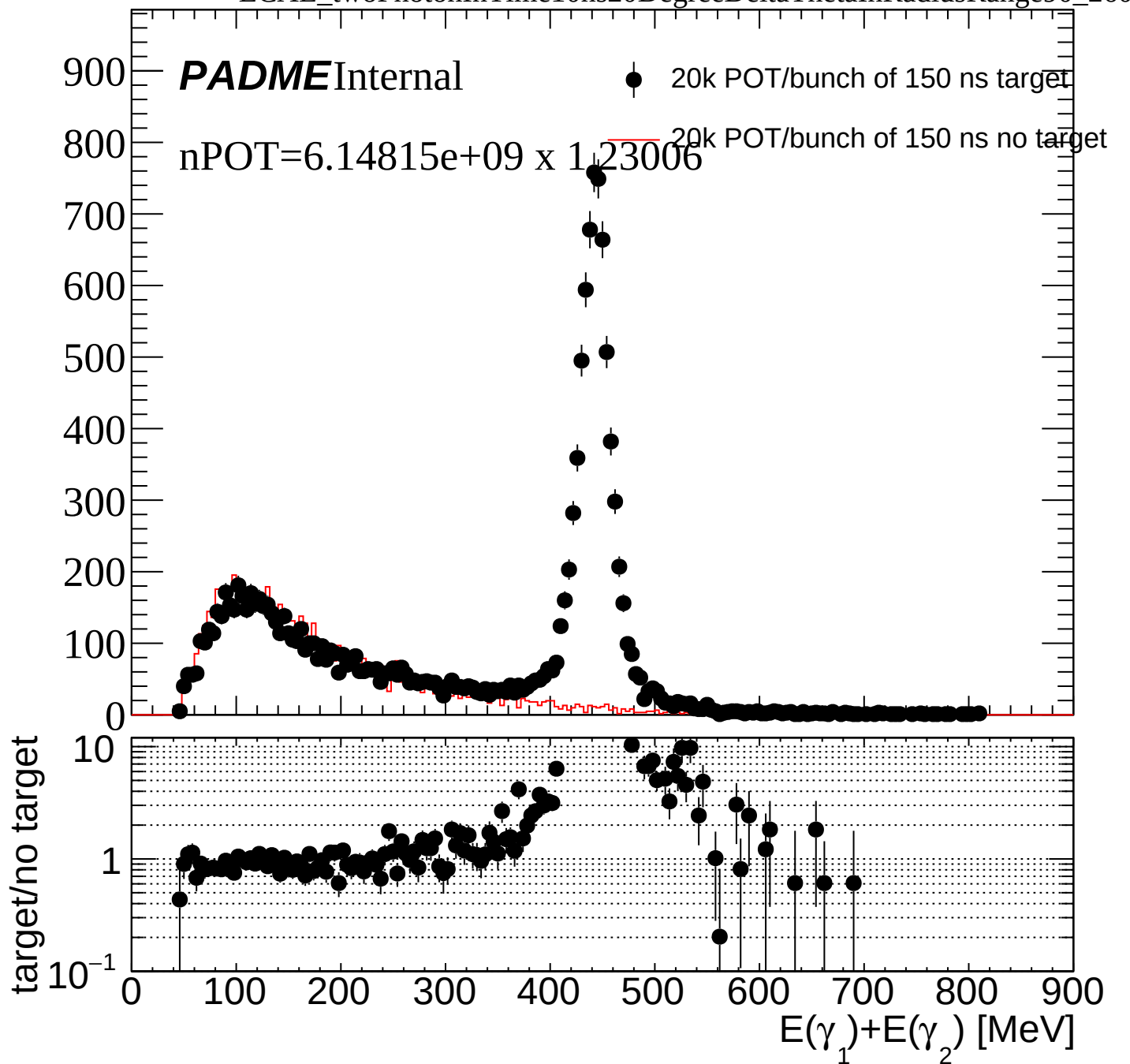


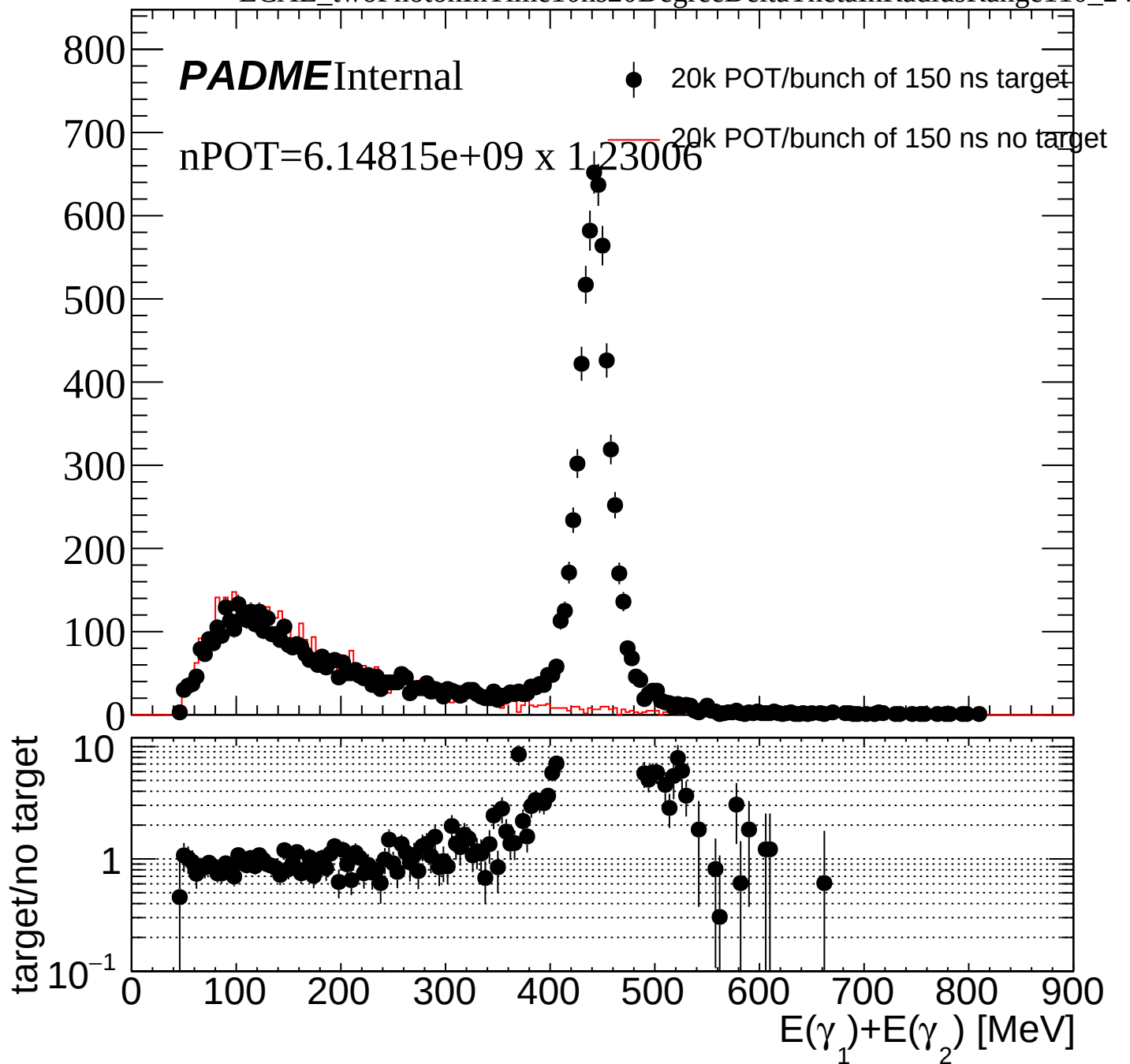


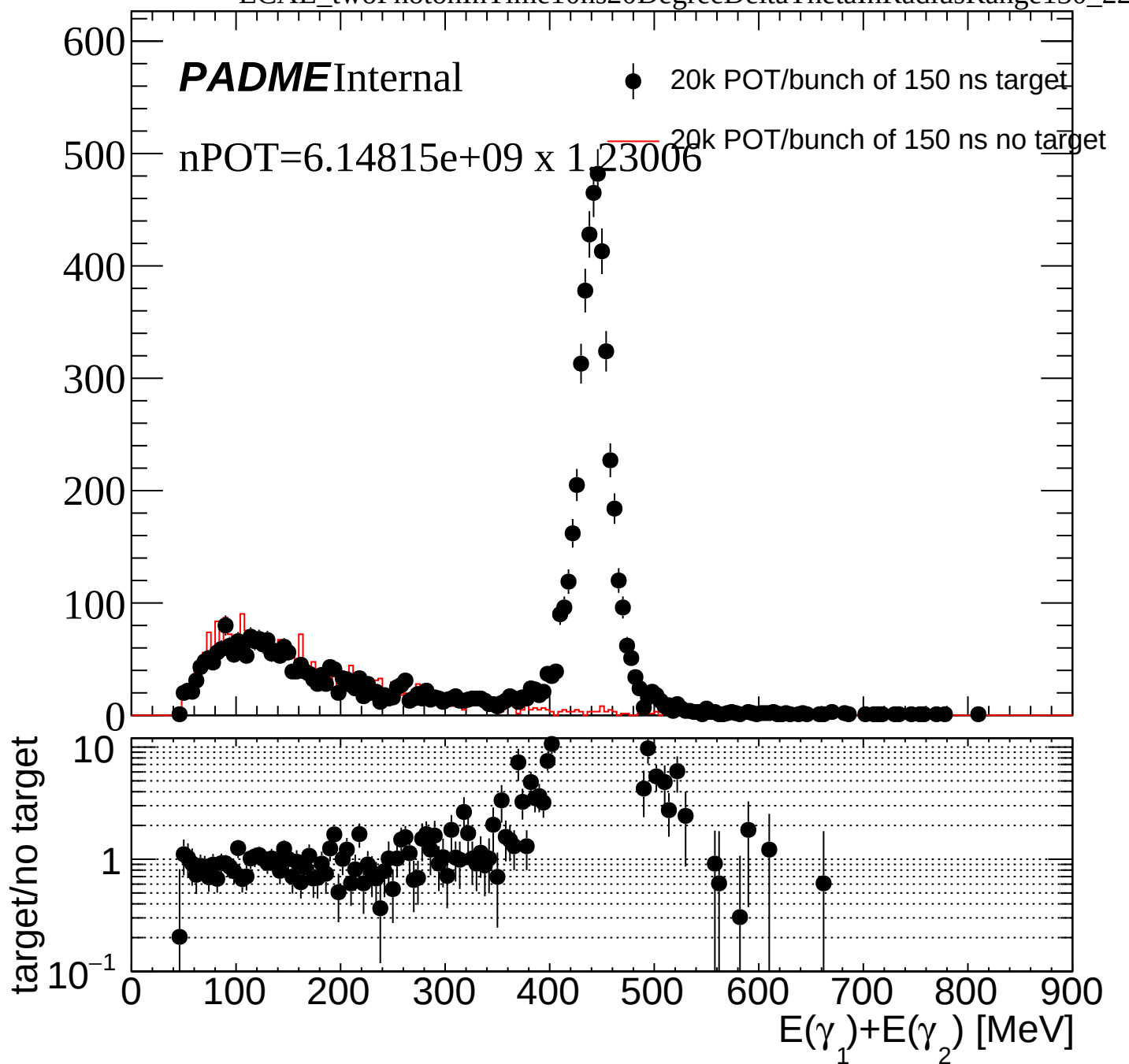


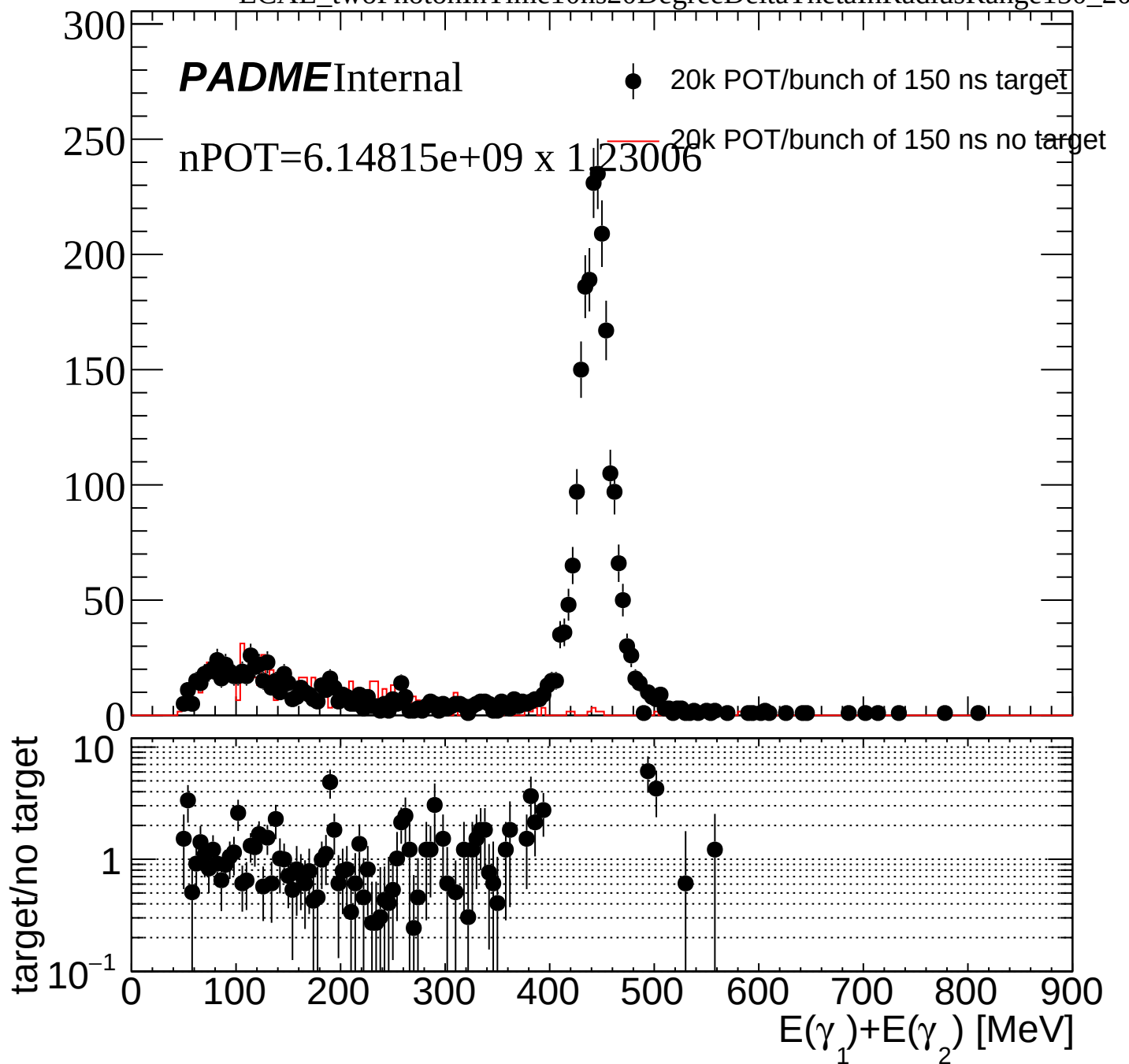


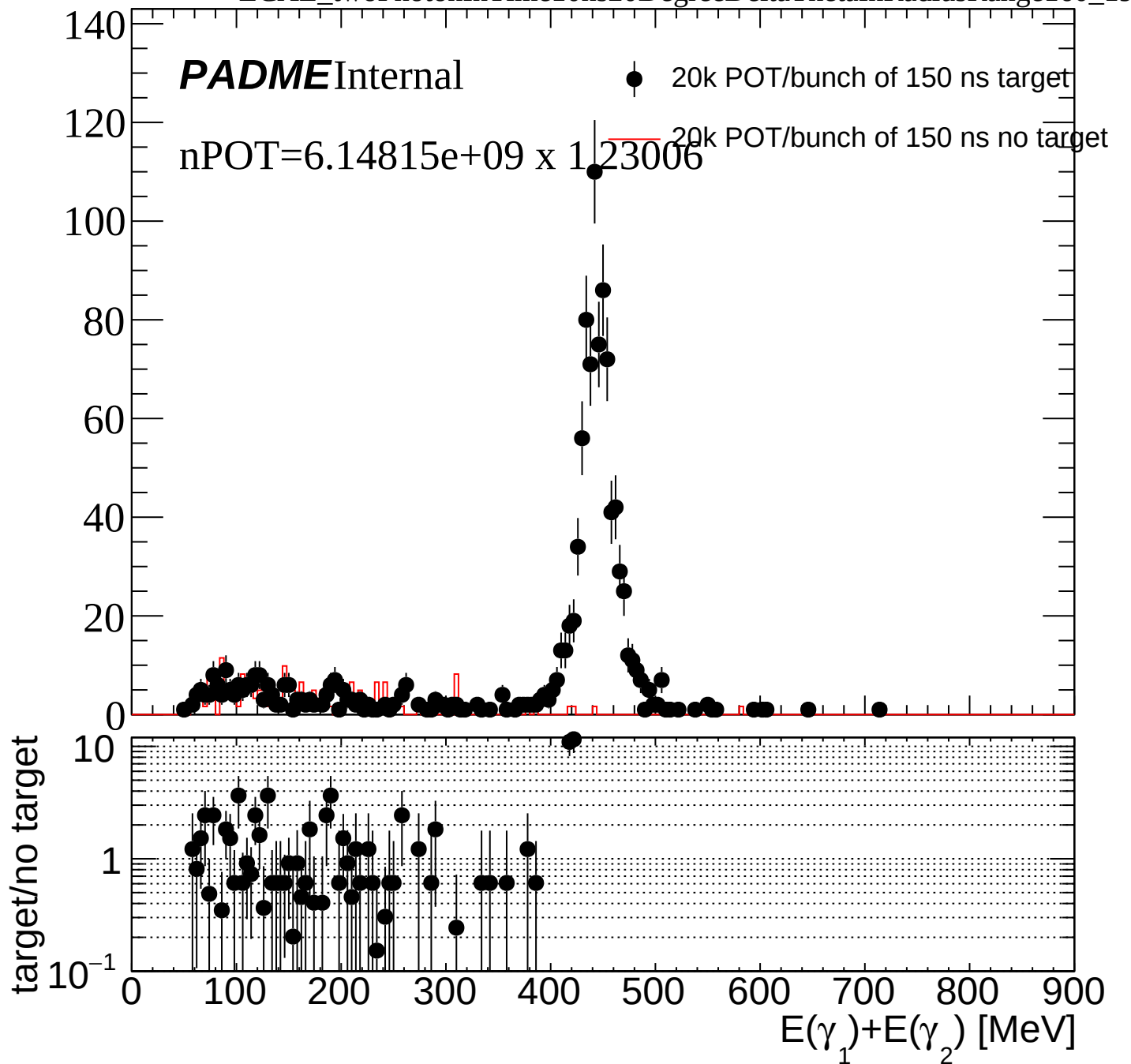


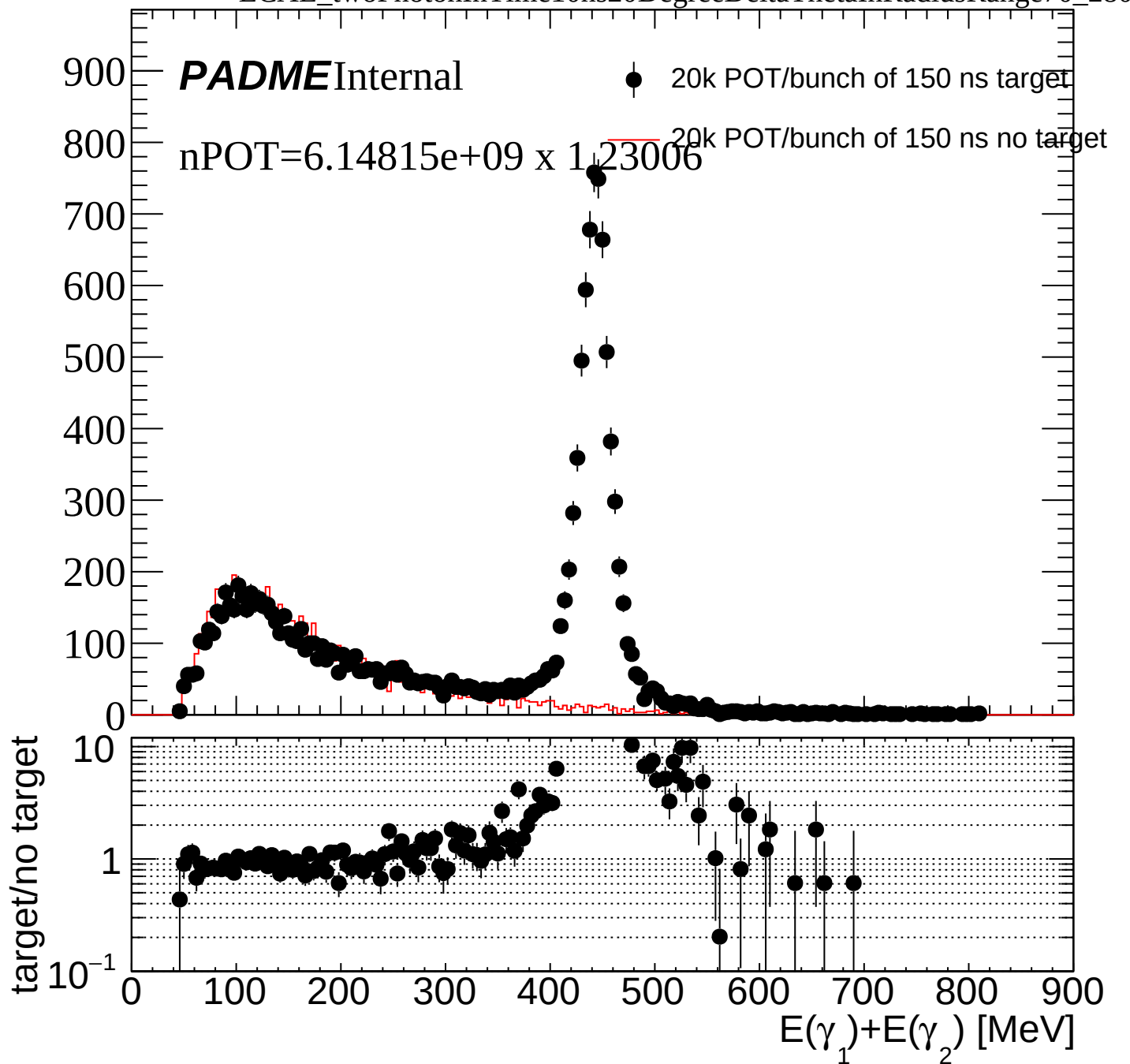


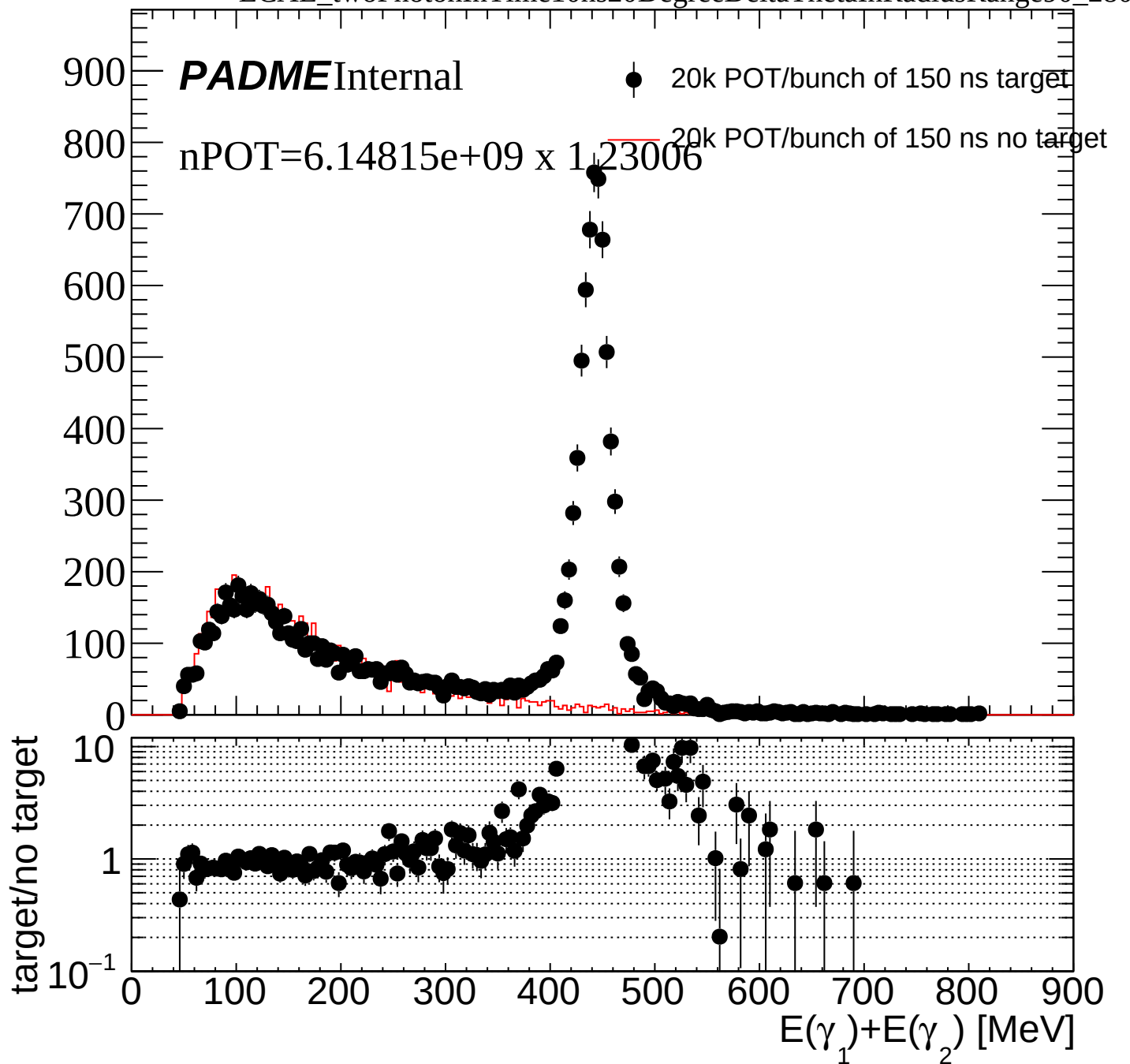


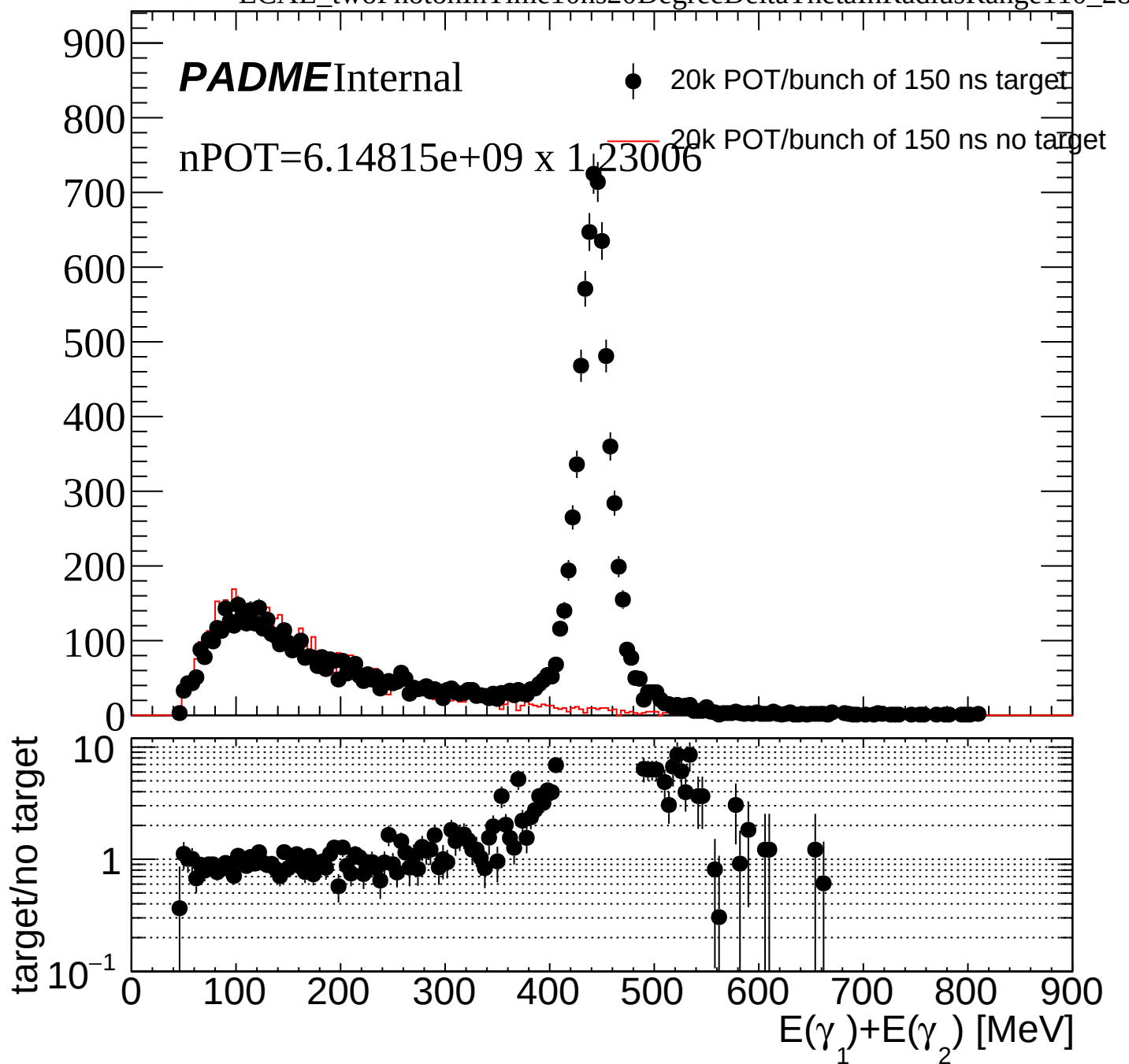


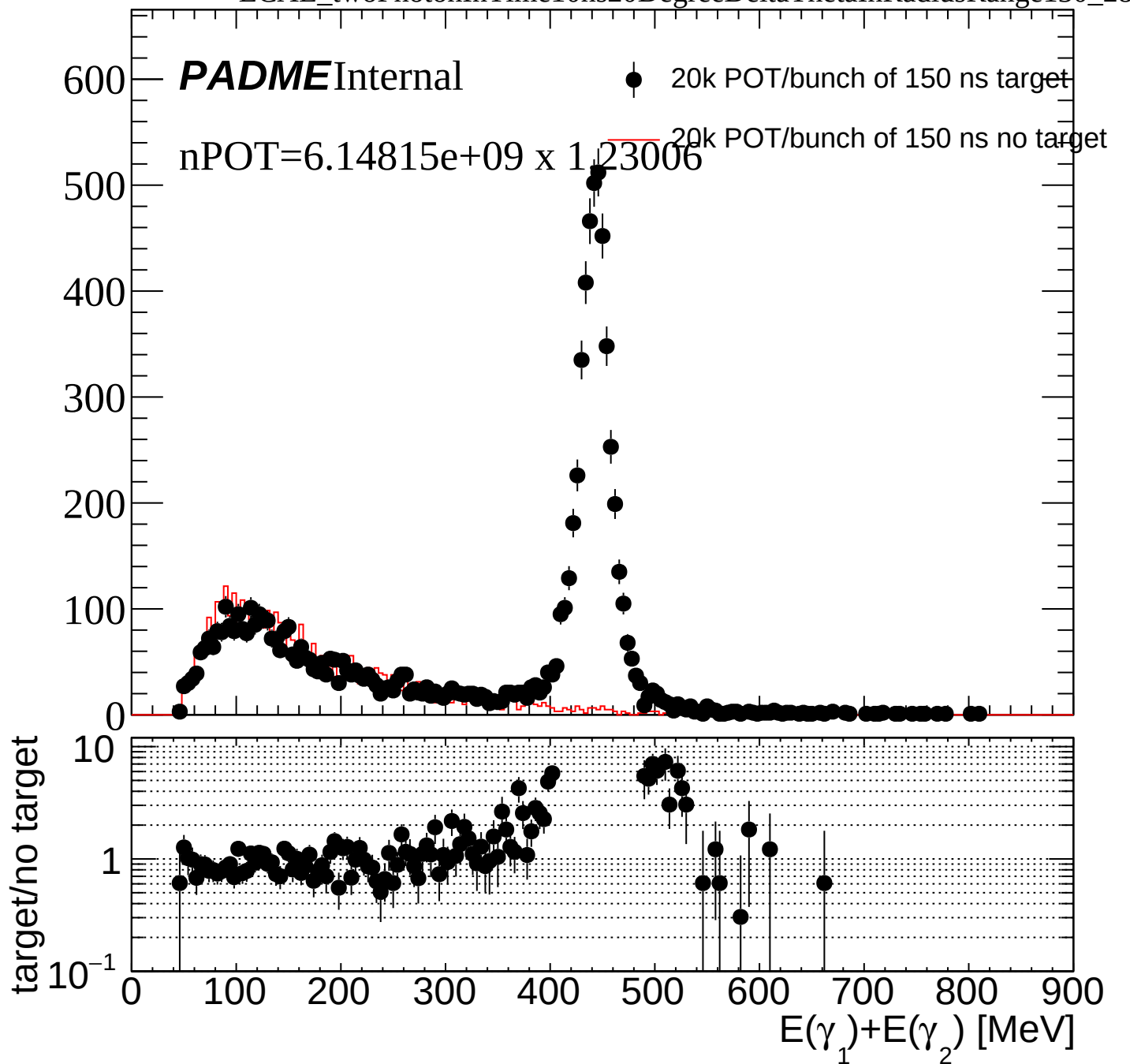


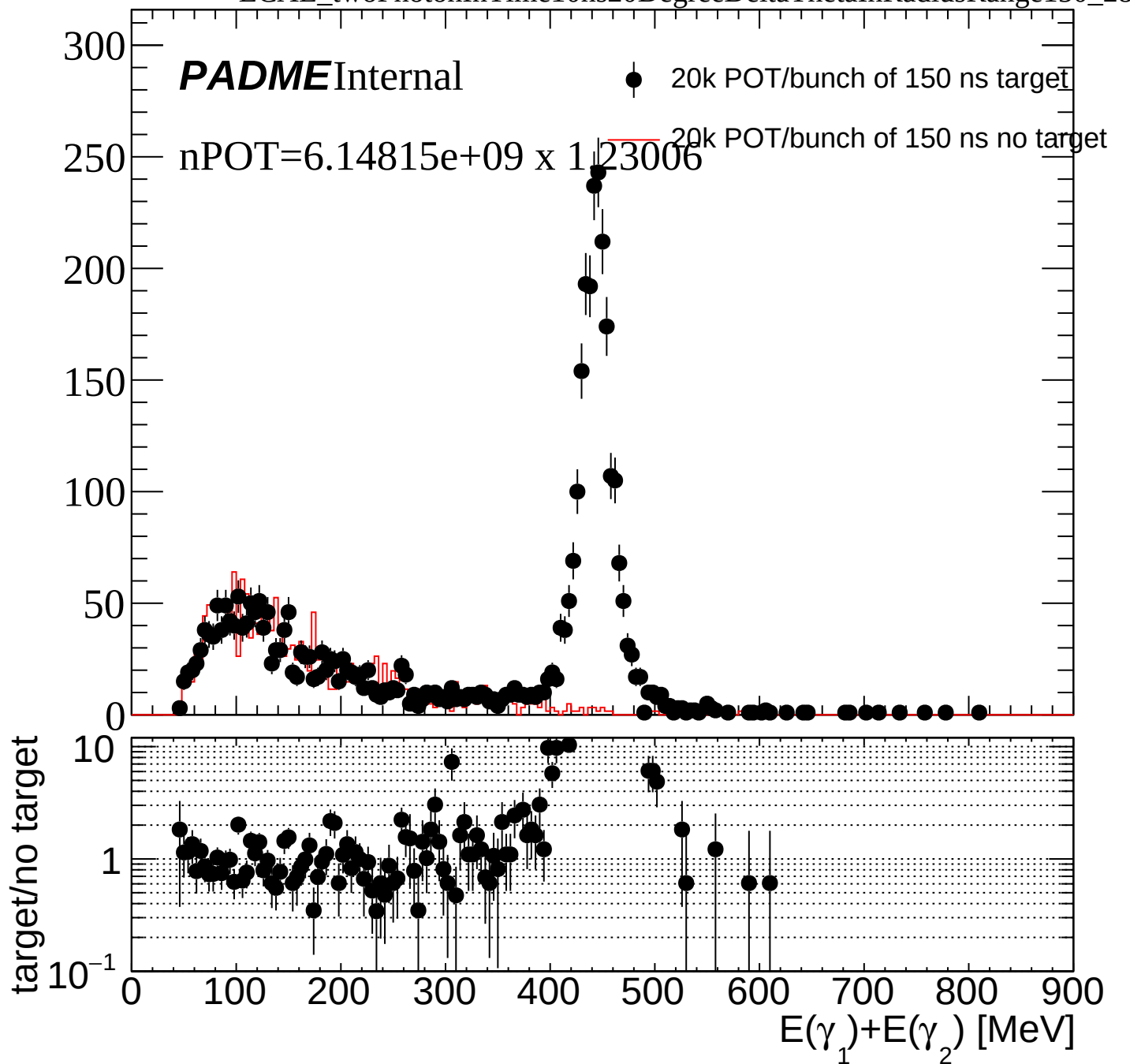


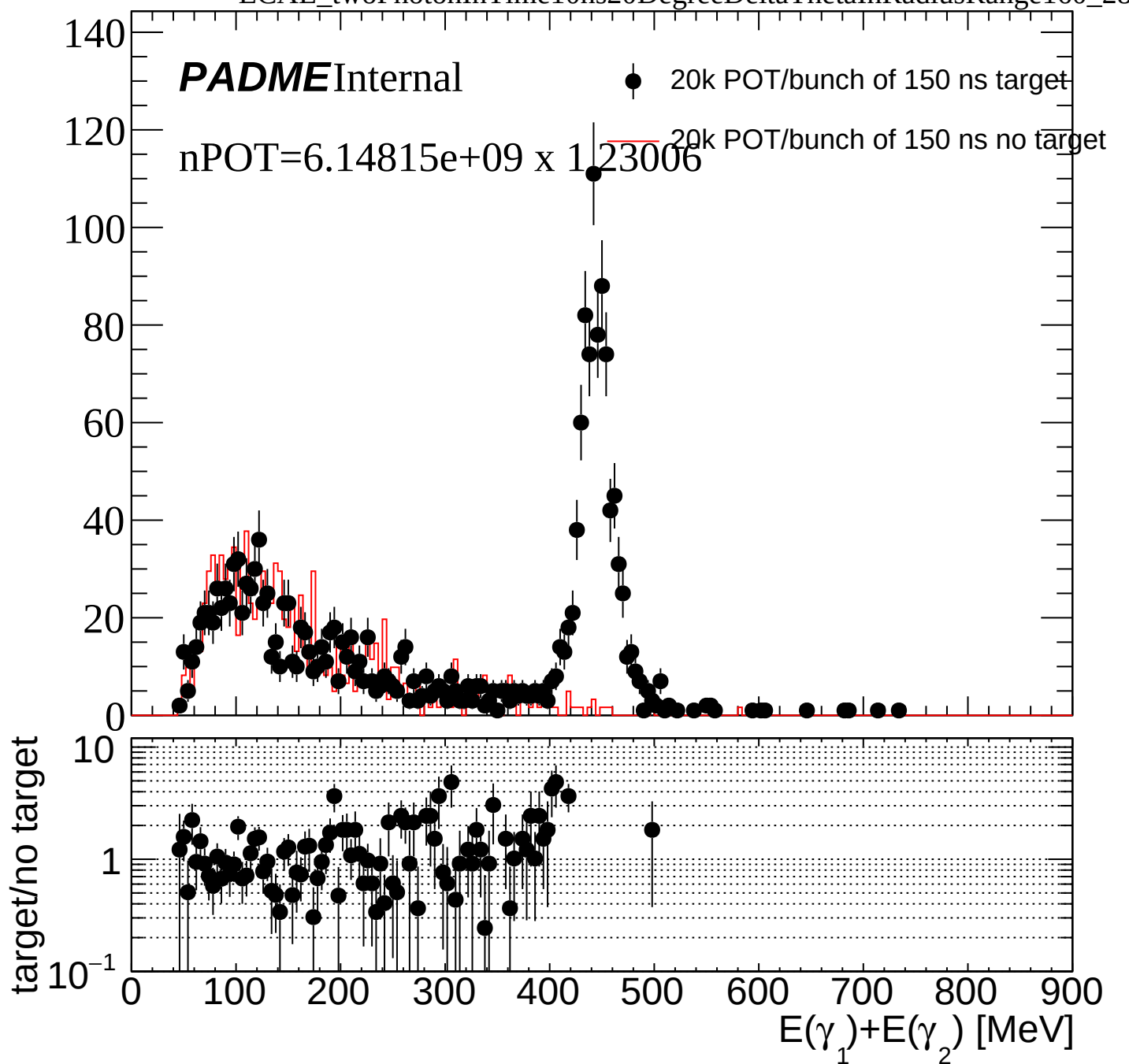


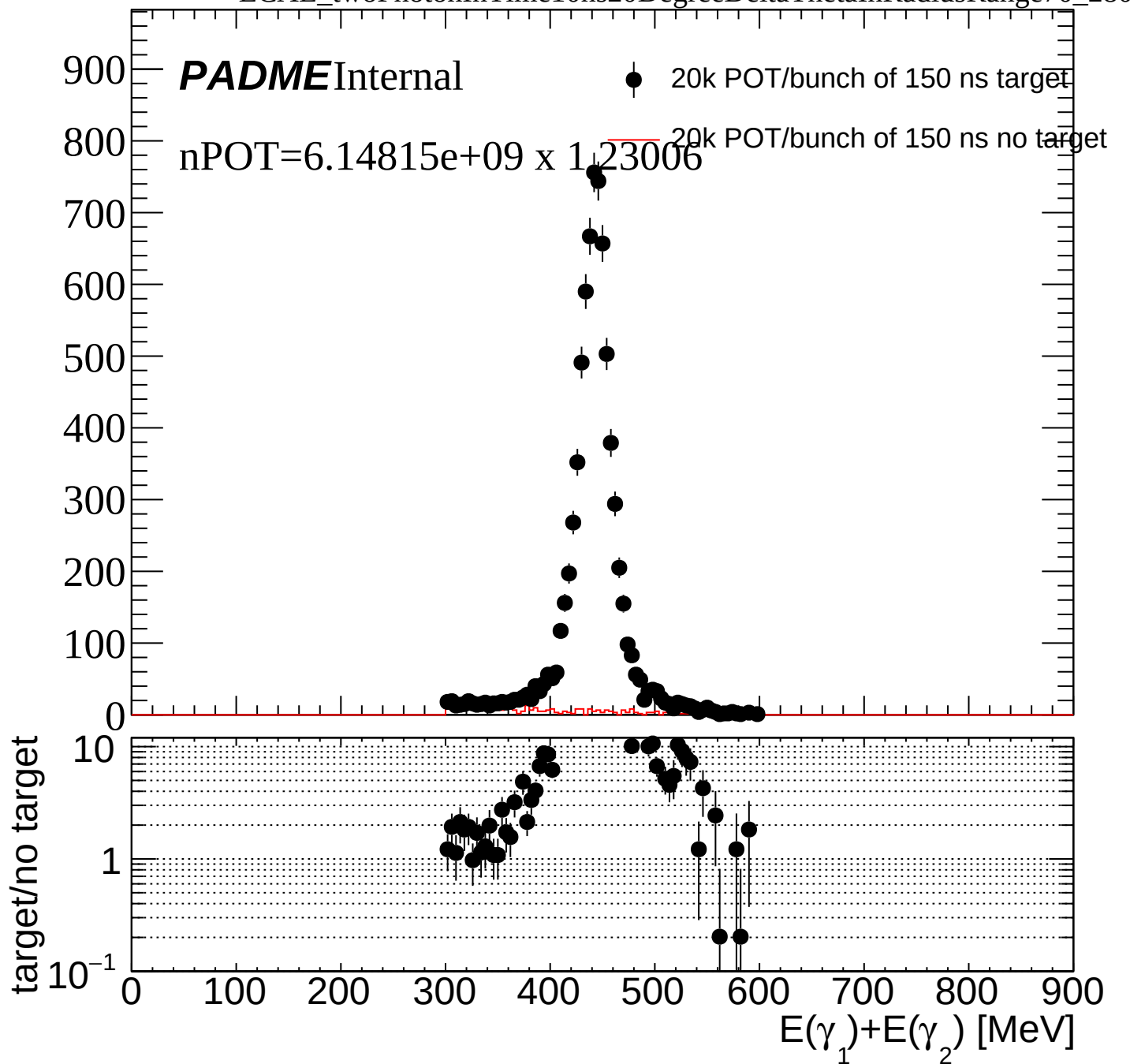


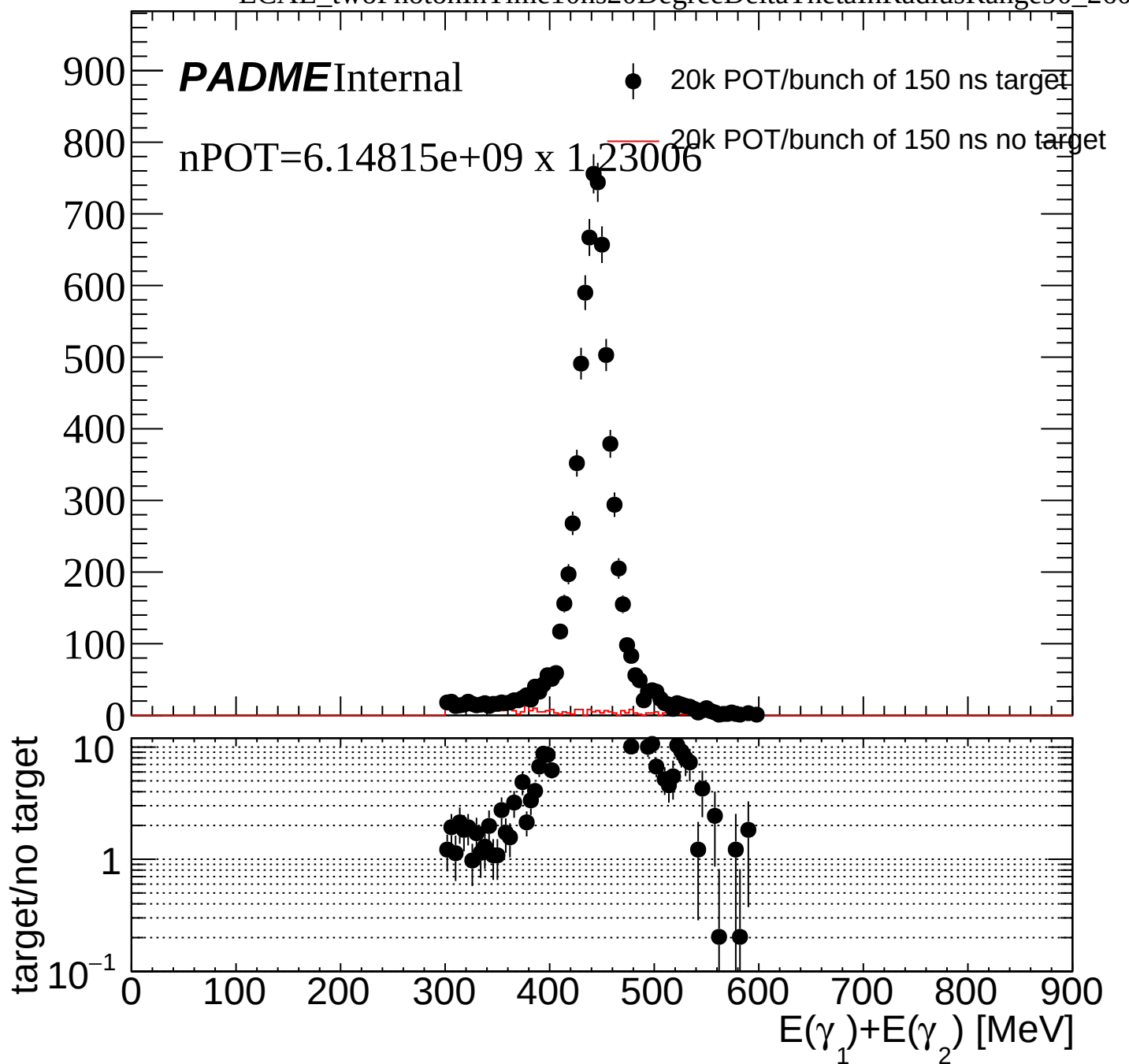


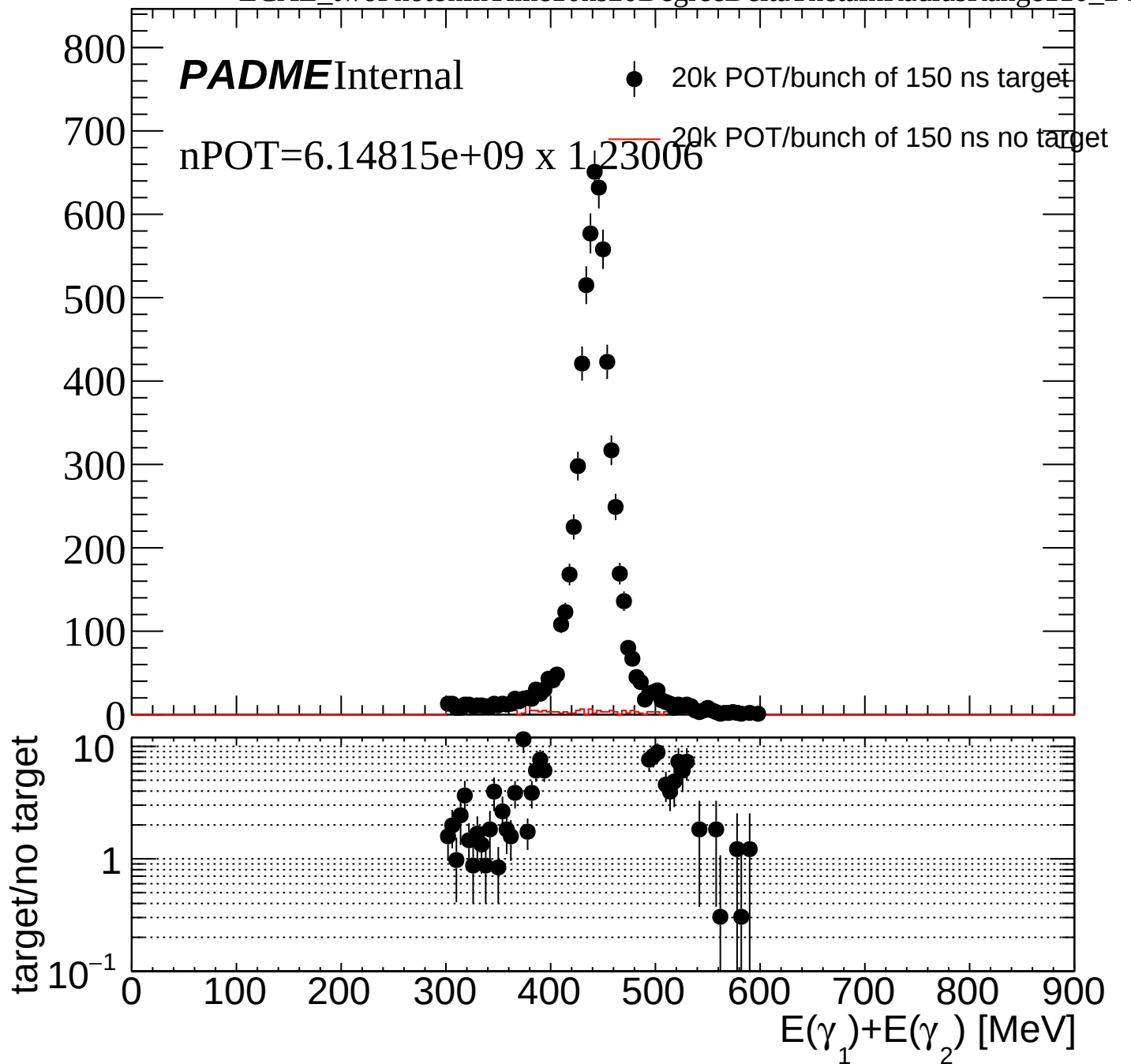


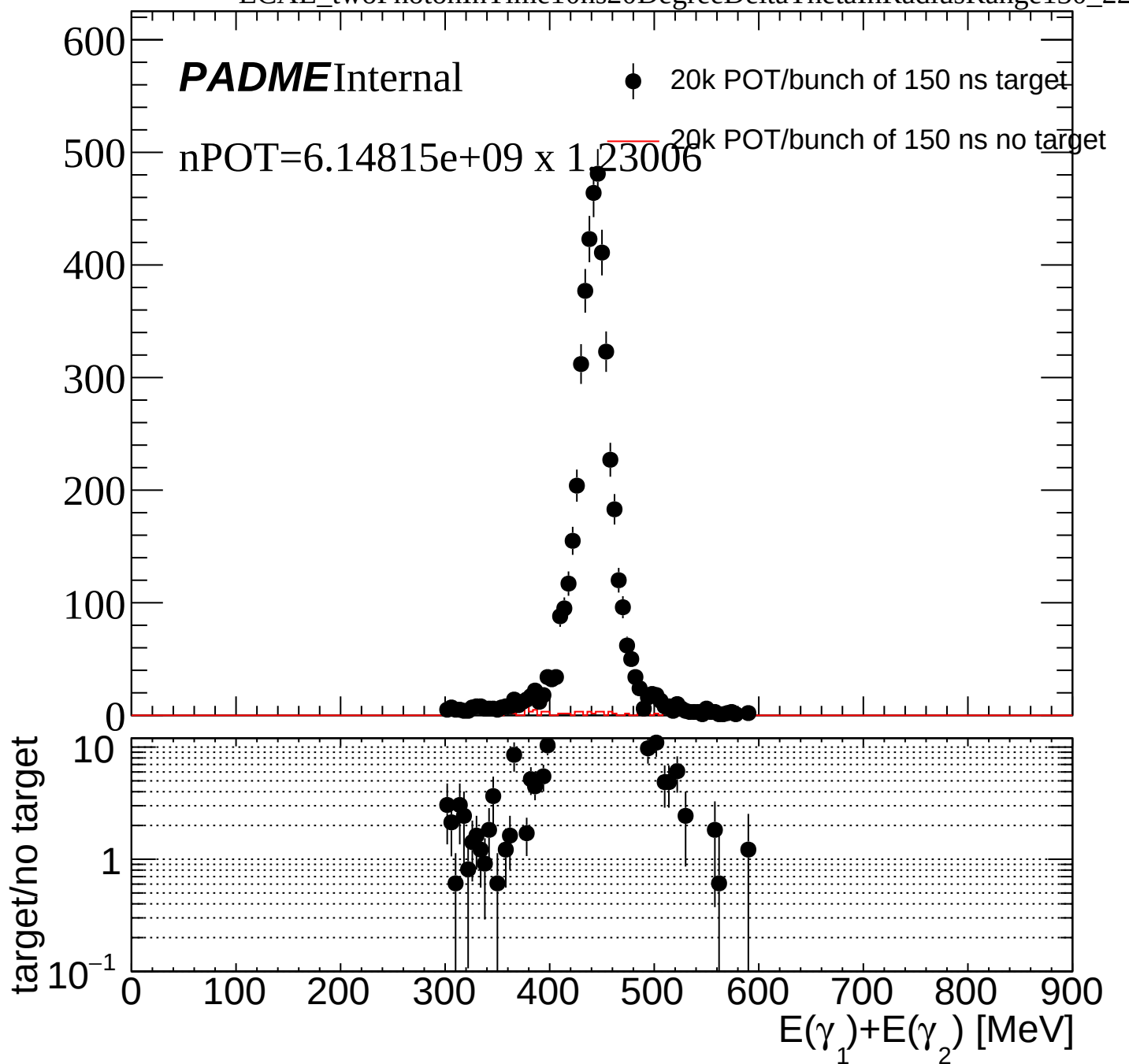


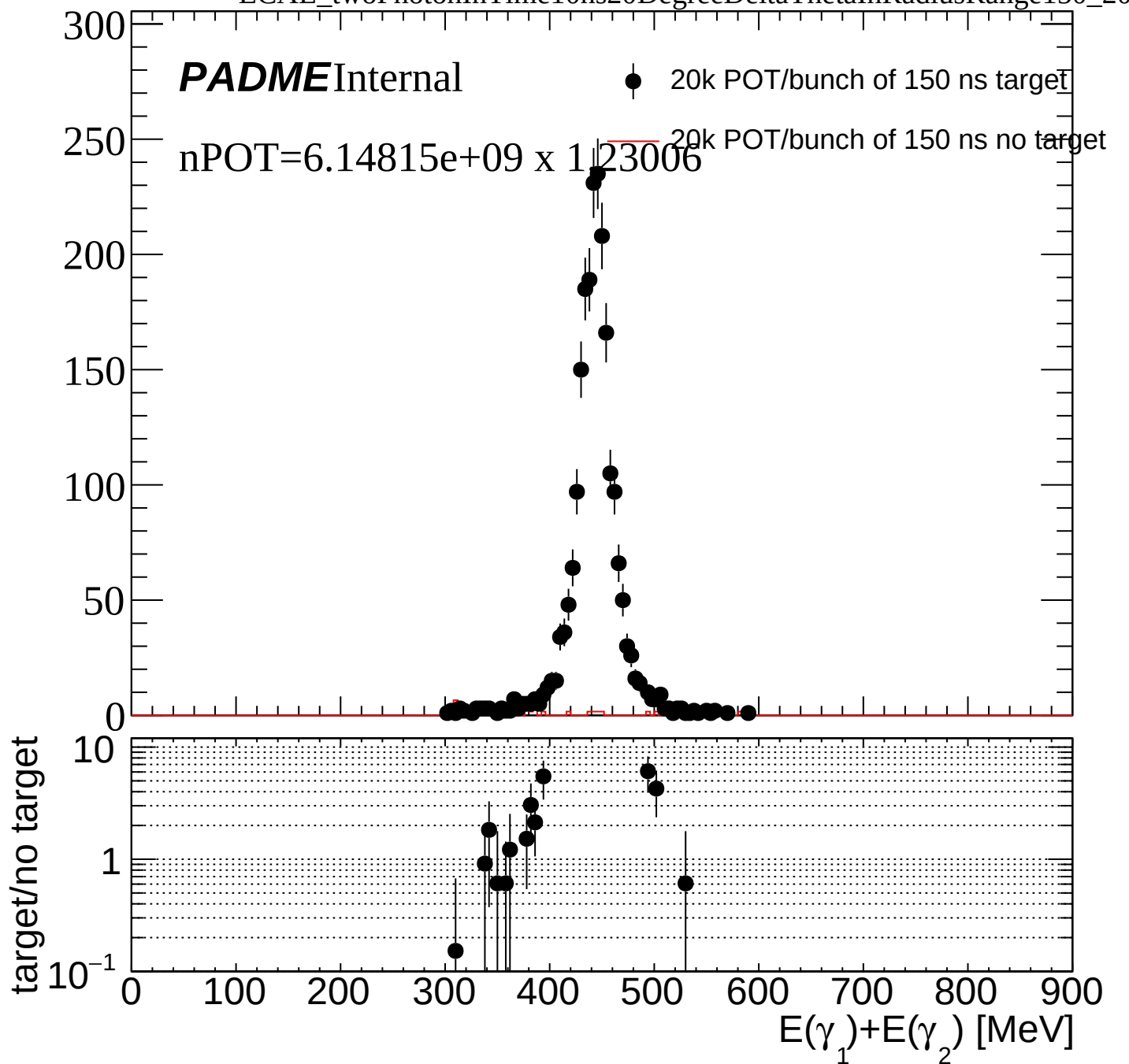


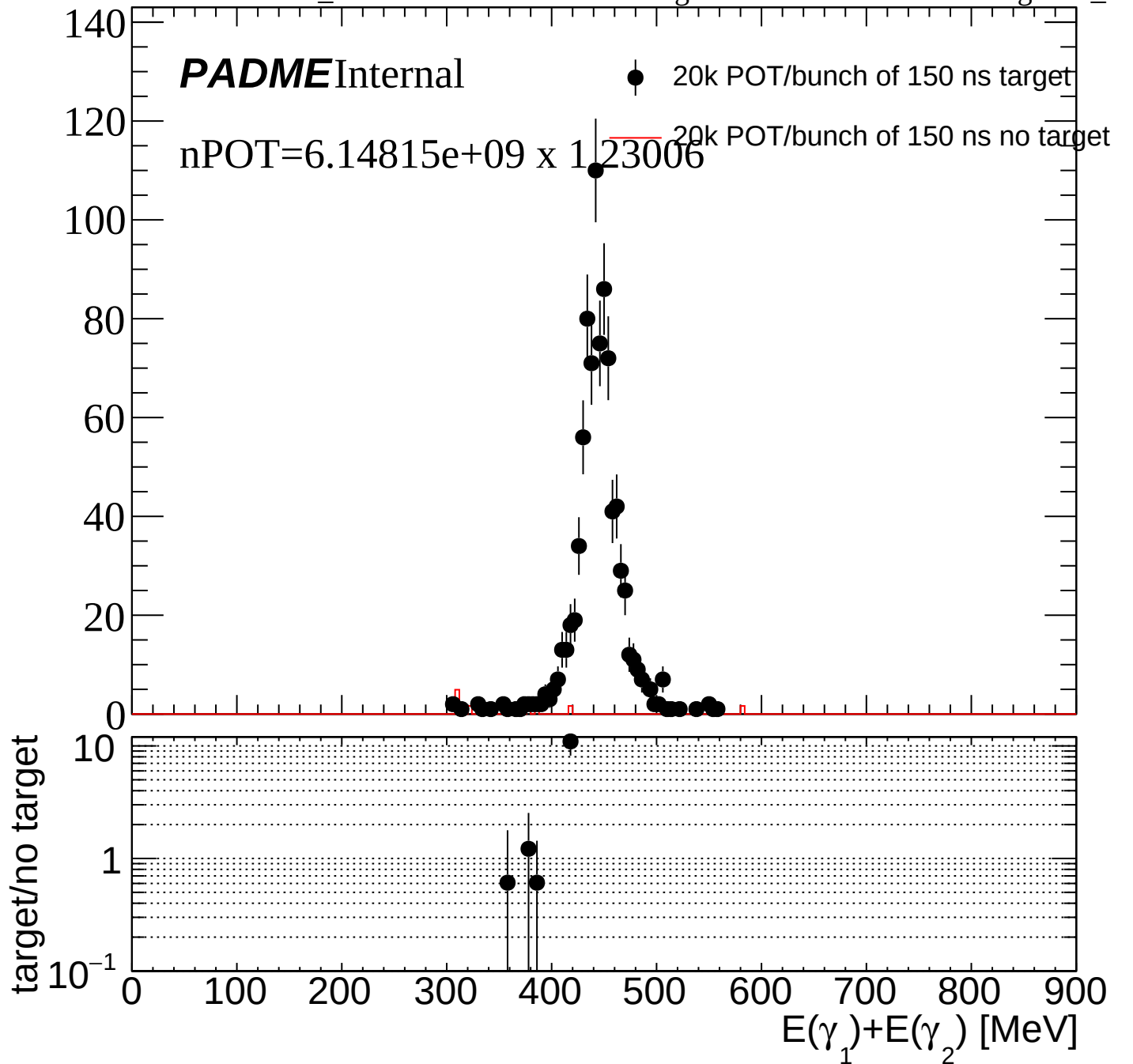


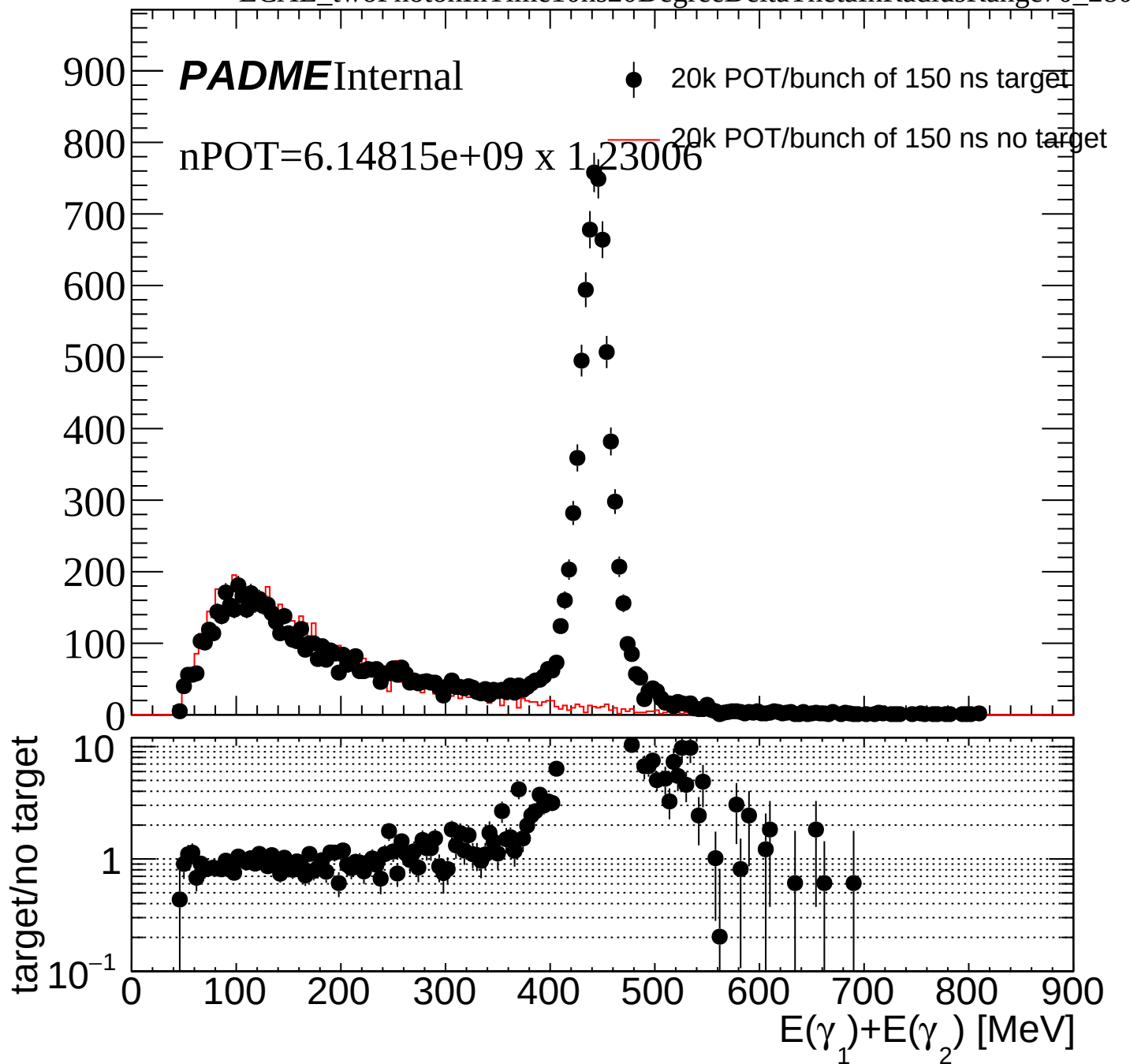


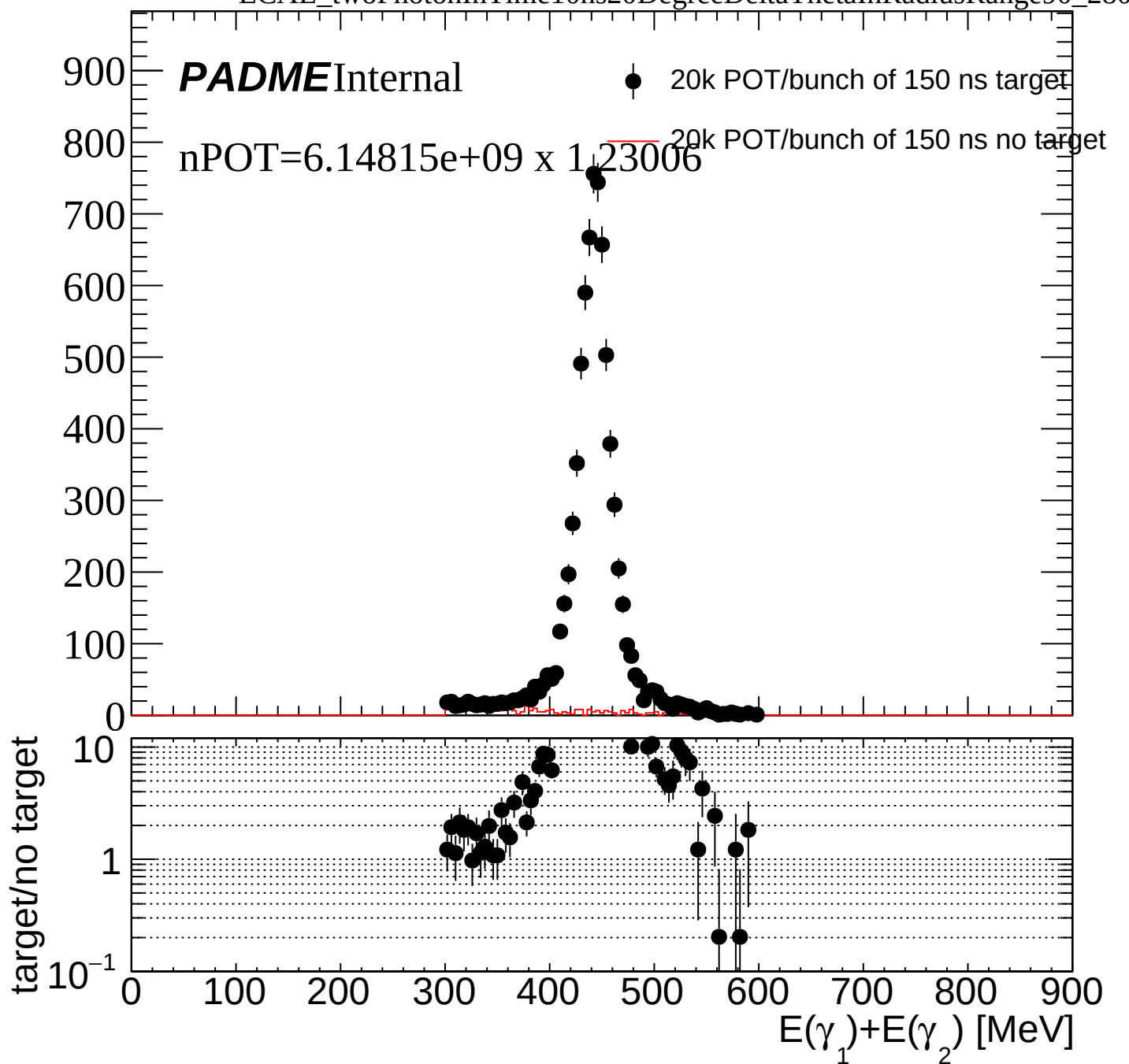


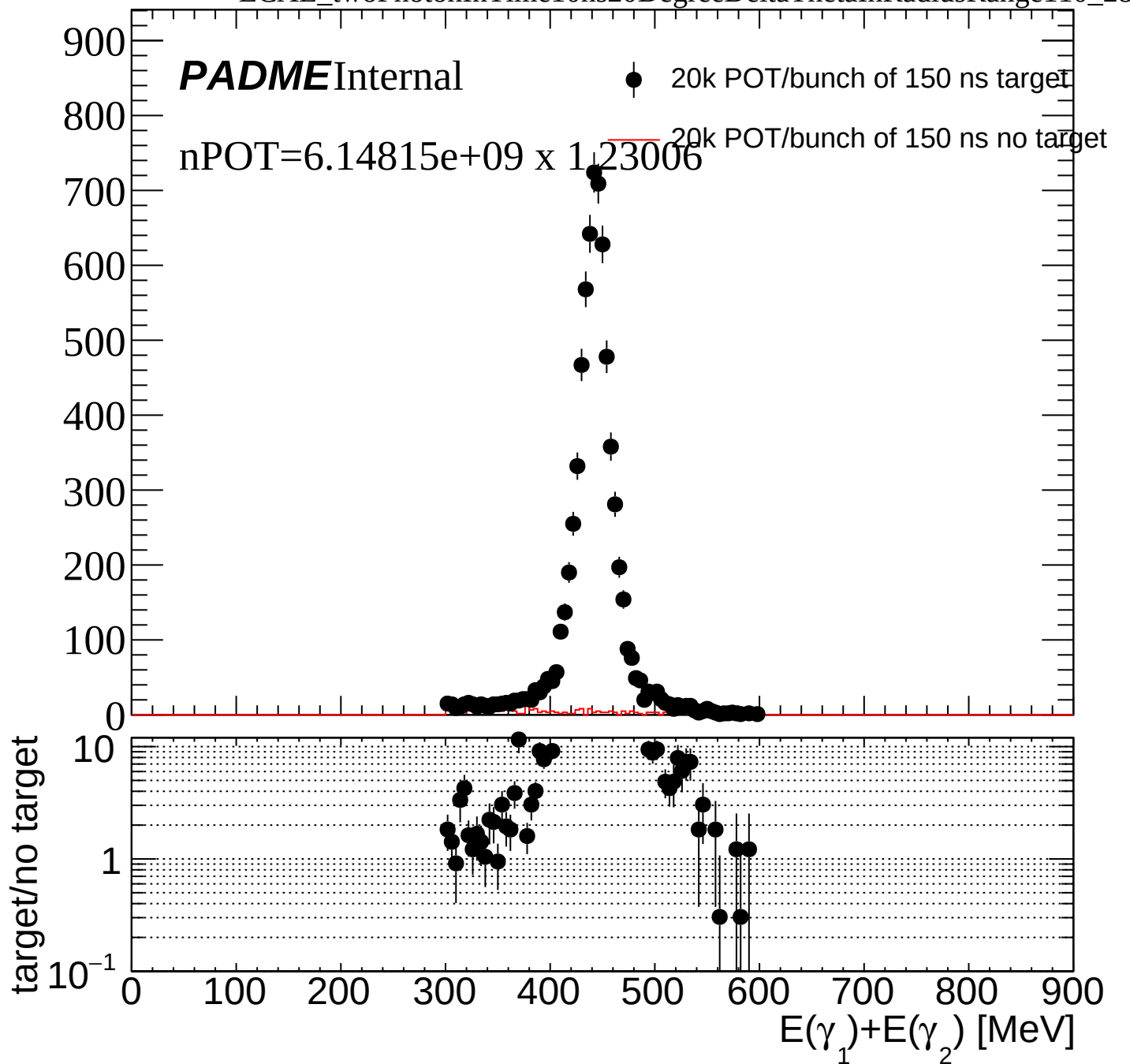


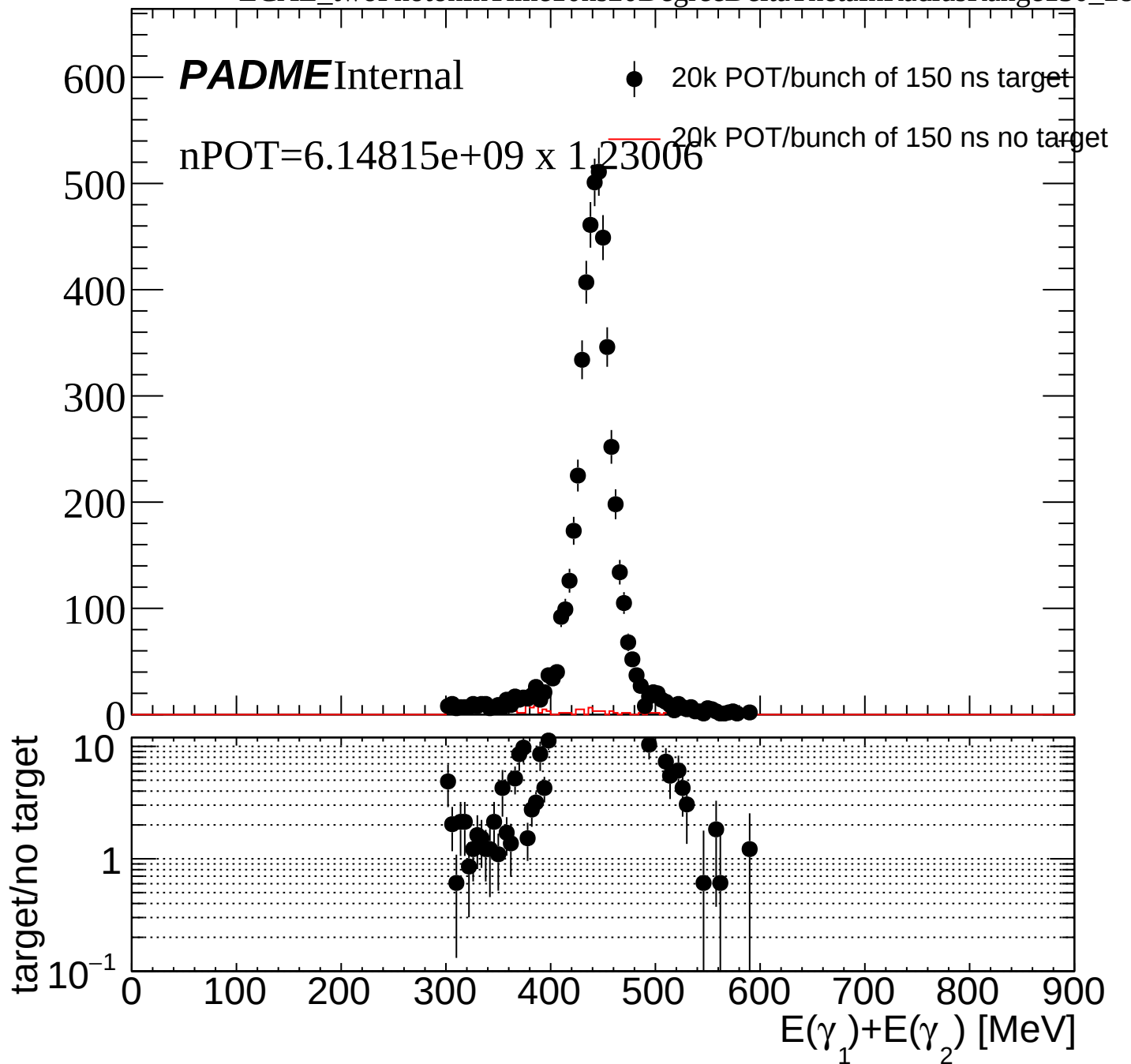


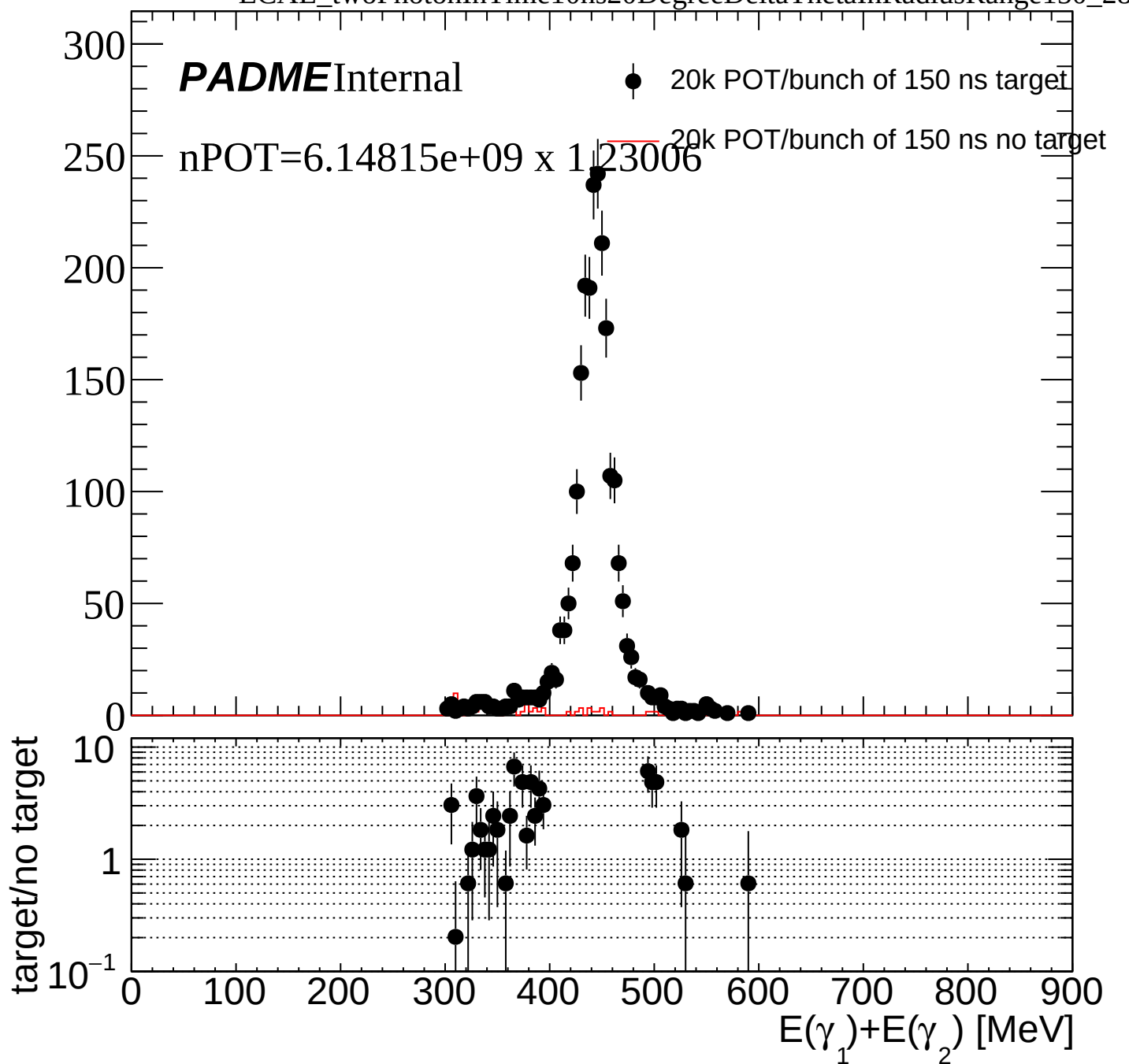


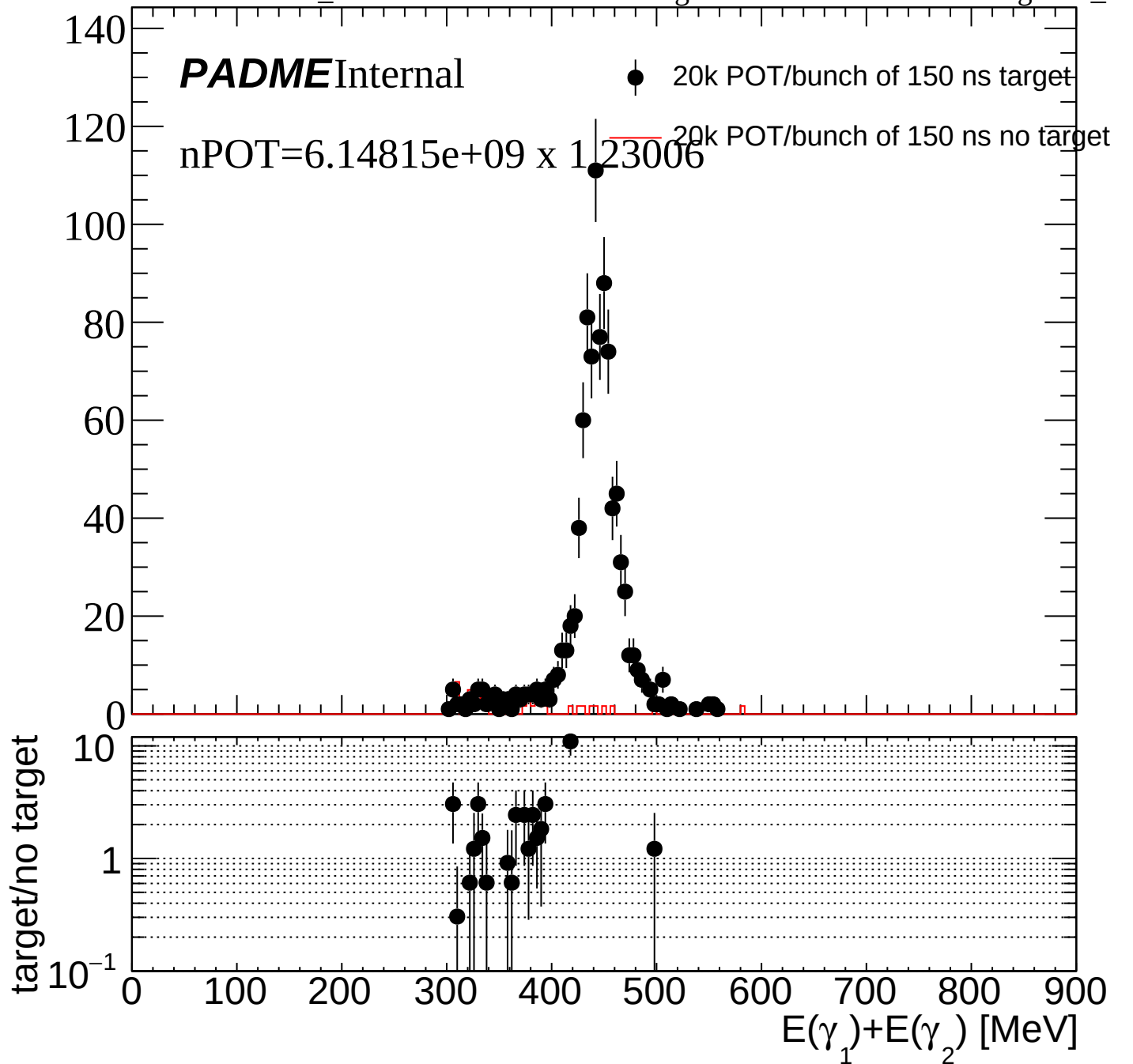












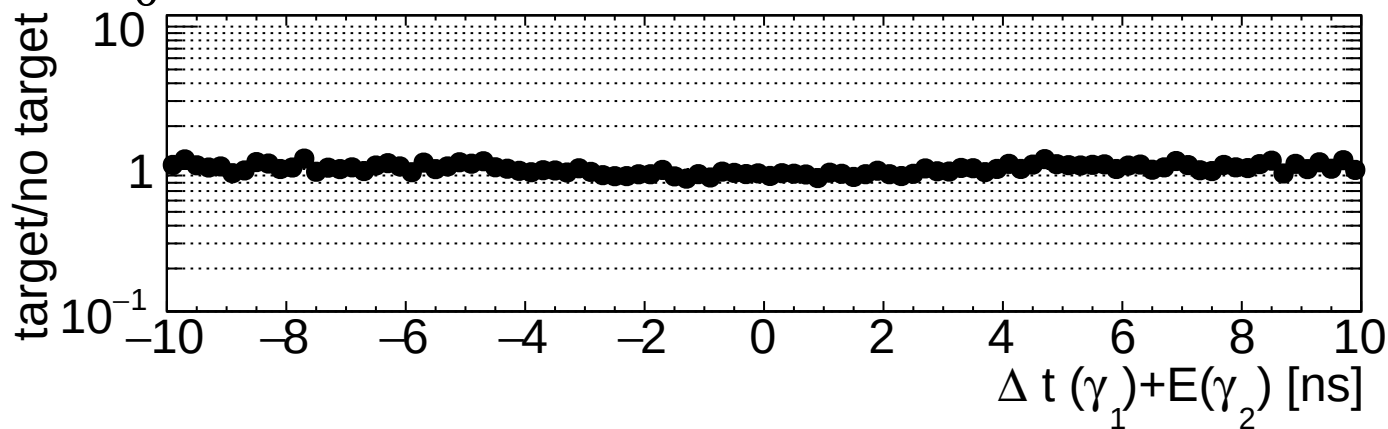
ECAL_dTime_10ns

PADMEInternal

nPOT=6.14815e+09 x 1.23006

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target



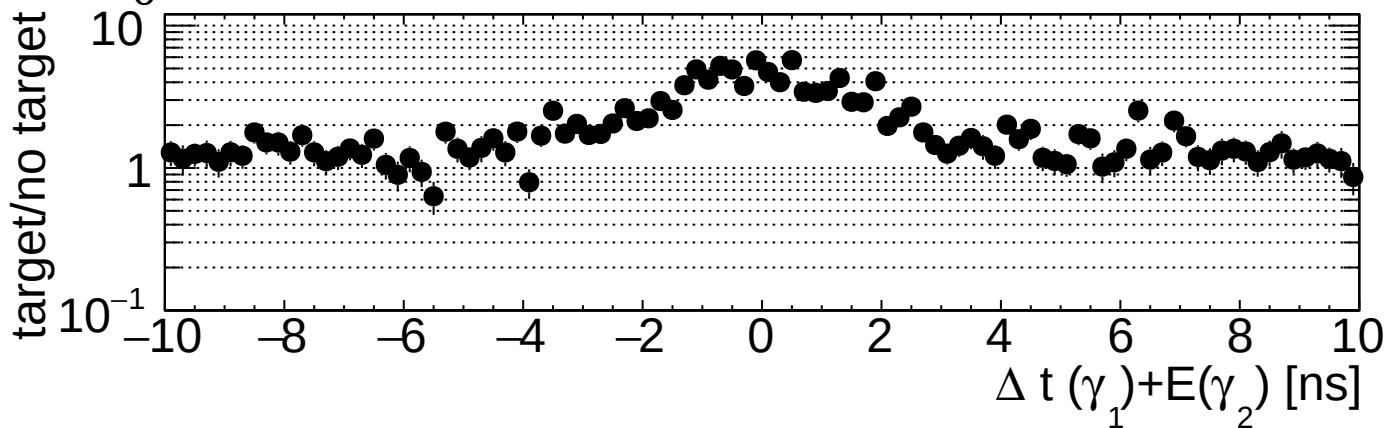
ECAL_dTime_10ns_UnderPeakEThr90

PADMEInternal

nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target



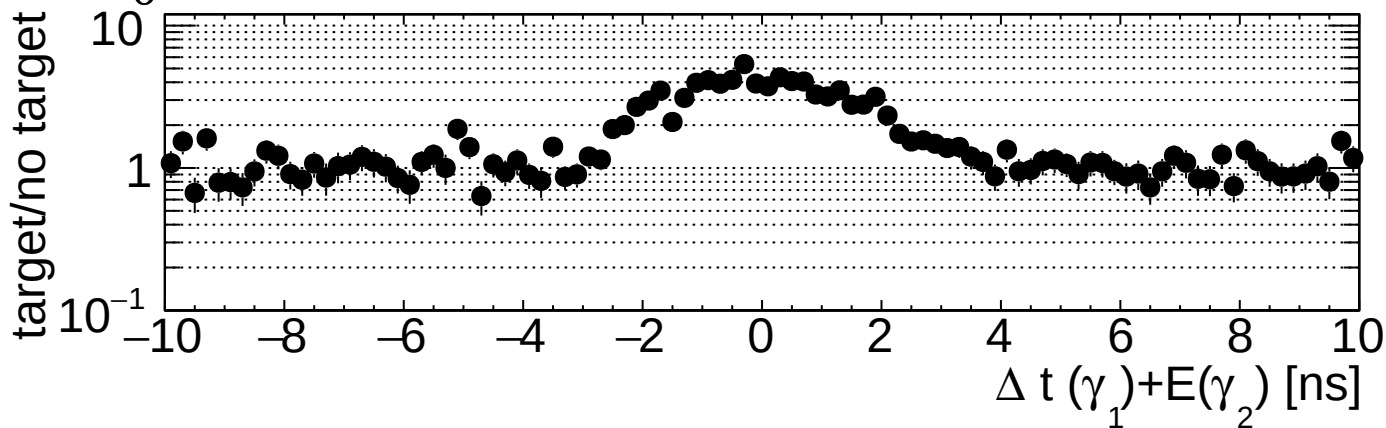
ECAL_dTime_10ns20DegreeDeltaTheta

PADMEInternal

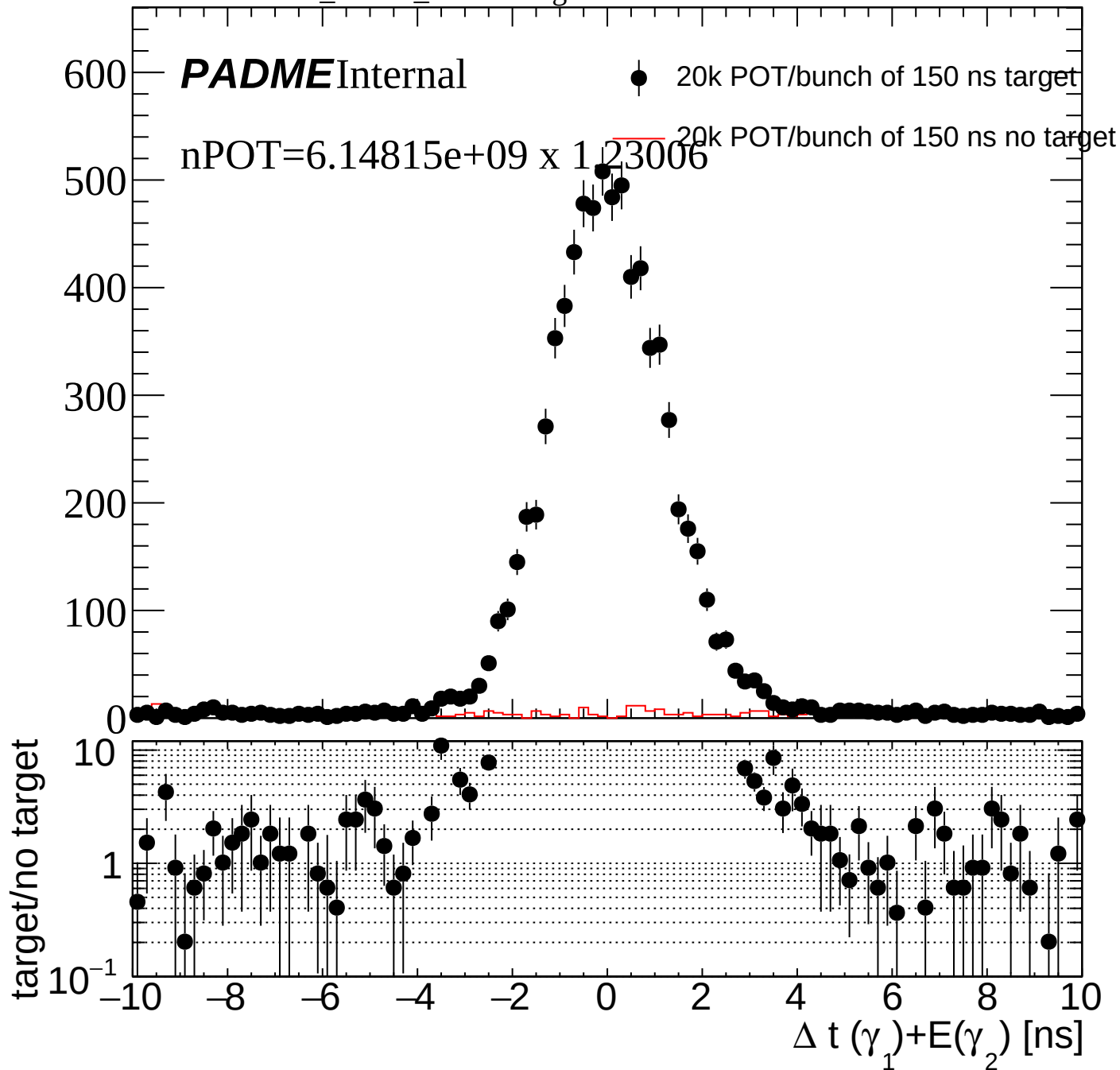
nPOT=6.14815e+09 x 1.23006

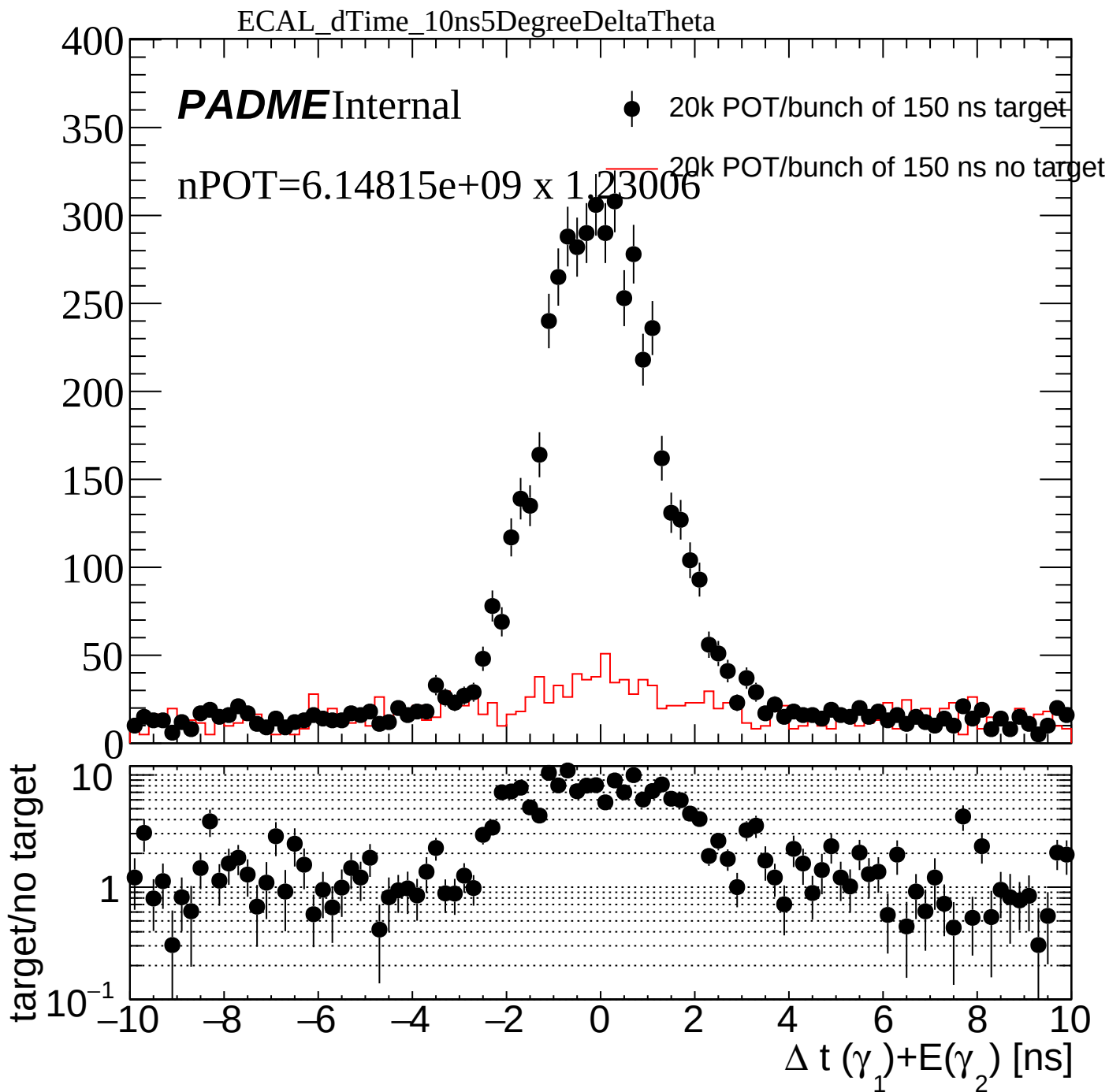
20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target



ECAL_dTime_10ns20DegreeDeltaThetaUnderPeakEThr90





ECAL_dTime_10ns5DegreeDeltaThetaUnderPeakEThr90

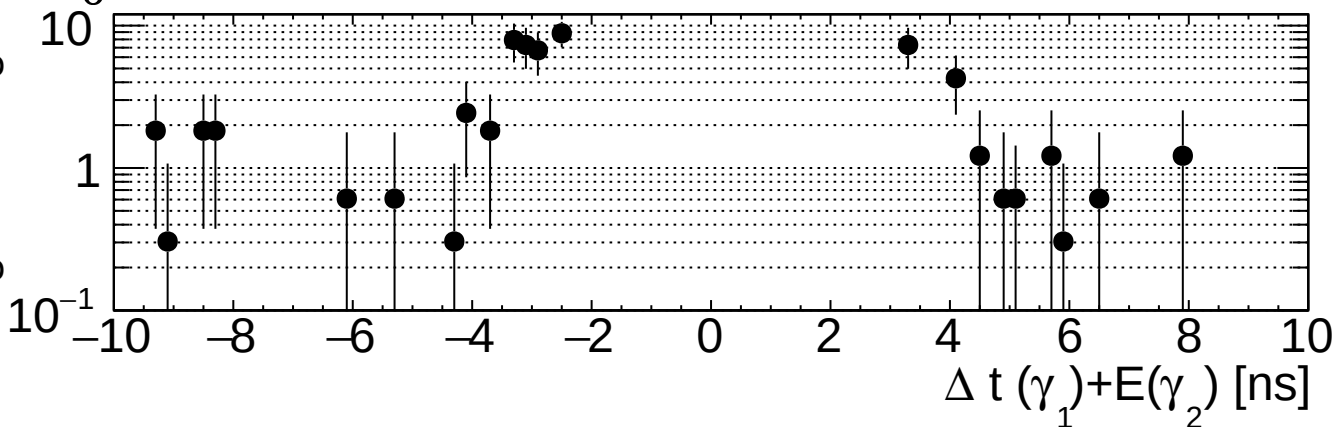
PADMEInternal

nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target



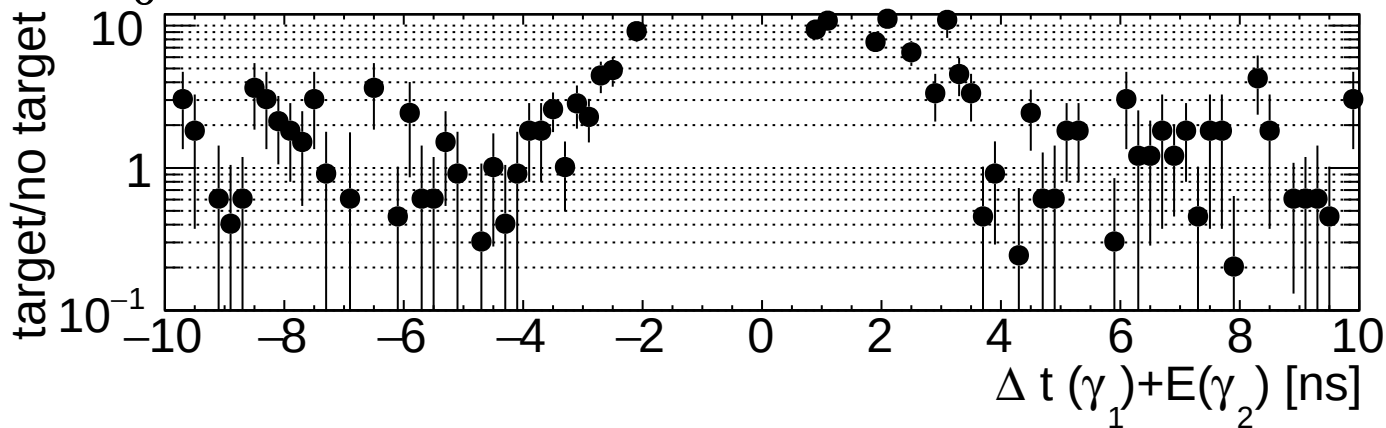
ECAL_dTime_10ns1CoG

PADMEInternal

nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target



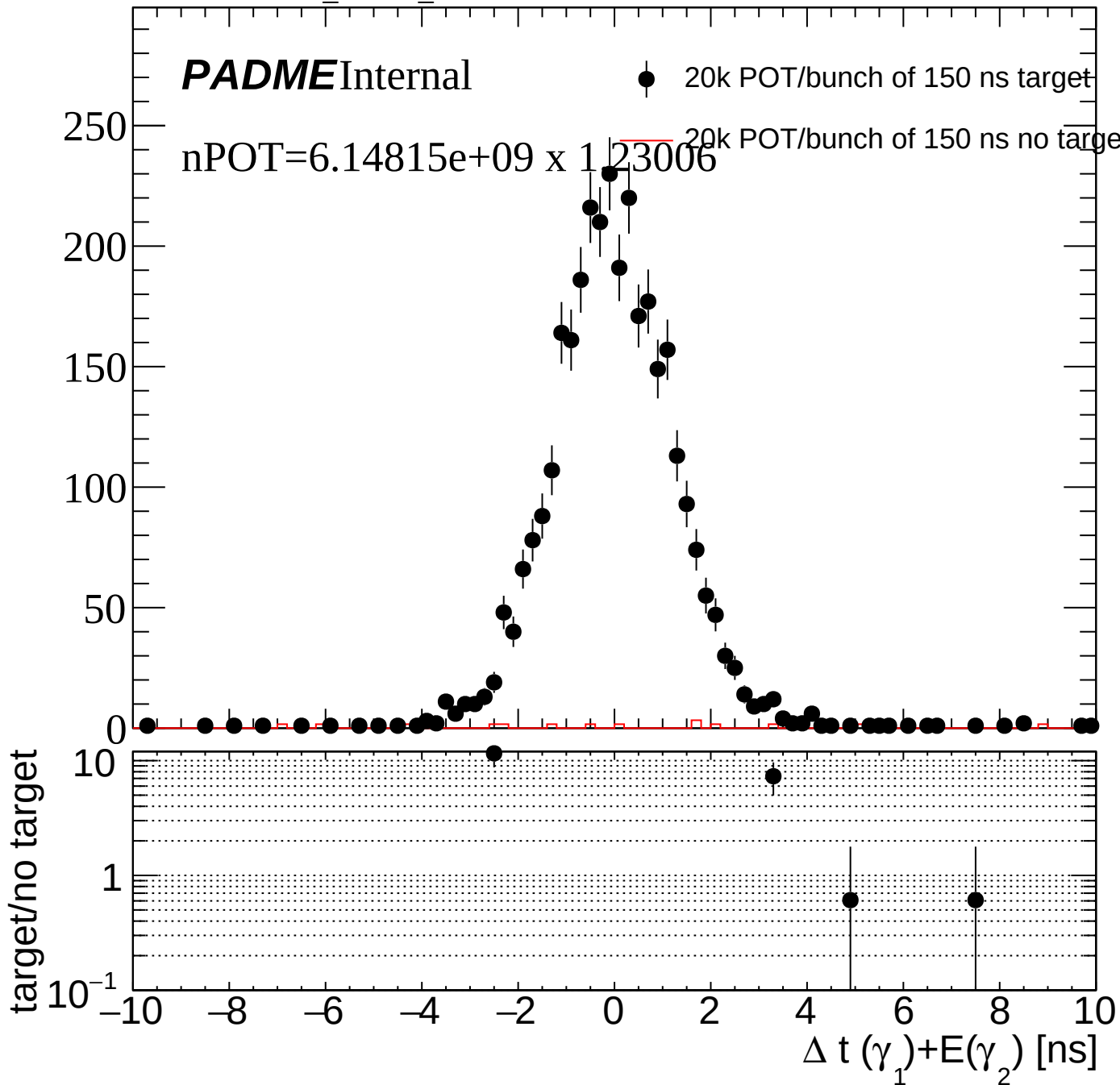
ECAL_dTime_10ns1CoGUnderPeakEThr90

PADMEInternal

nPOT=6.14815e+09 x 10⁻²³⁰⁰⁶

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target



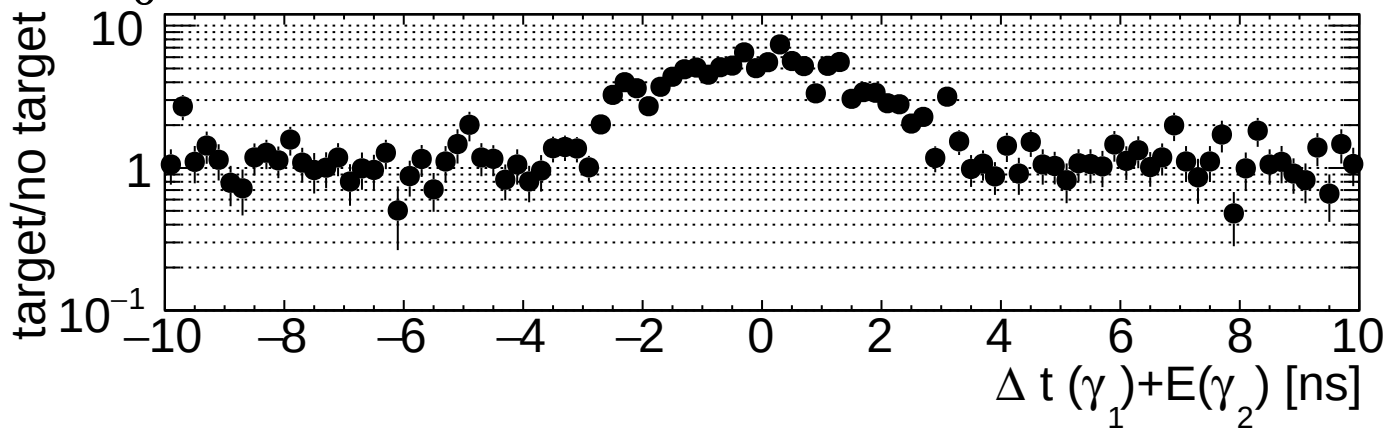
ECAL_dTime_10ns3CoG

PADMEInternal

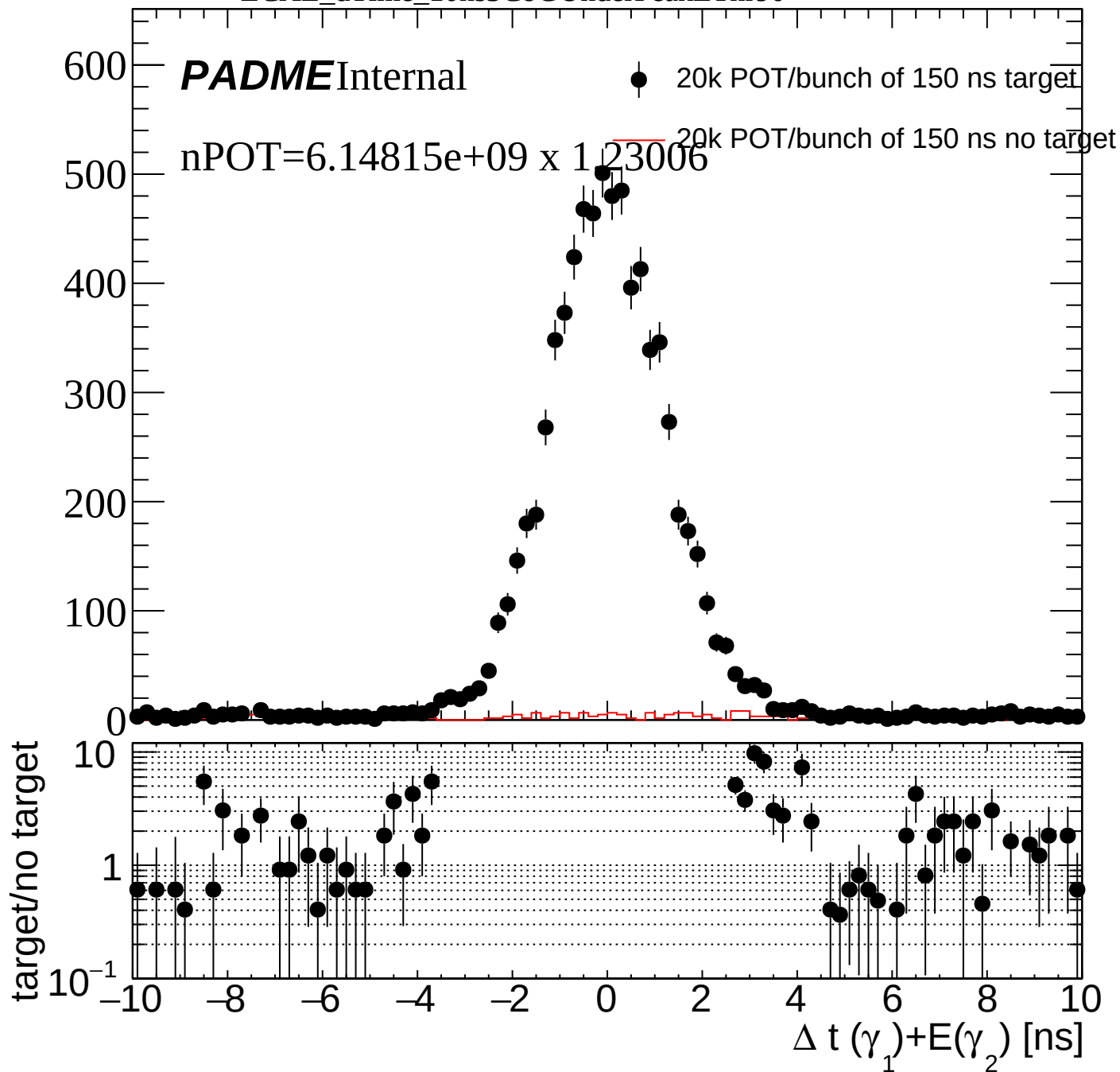
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target



ECAL_dTime_10ns3CoGUnderPeakEThr90



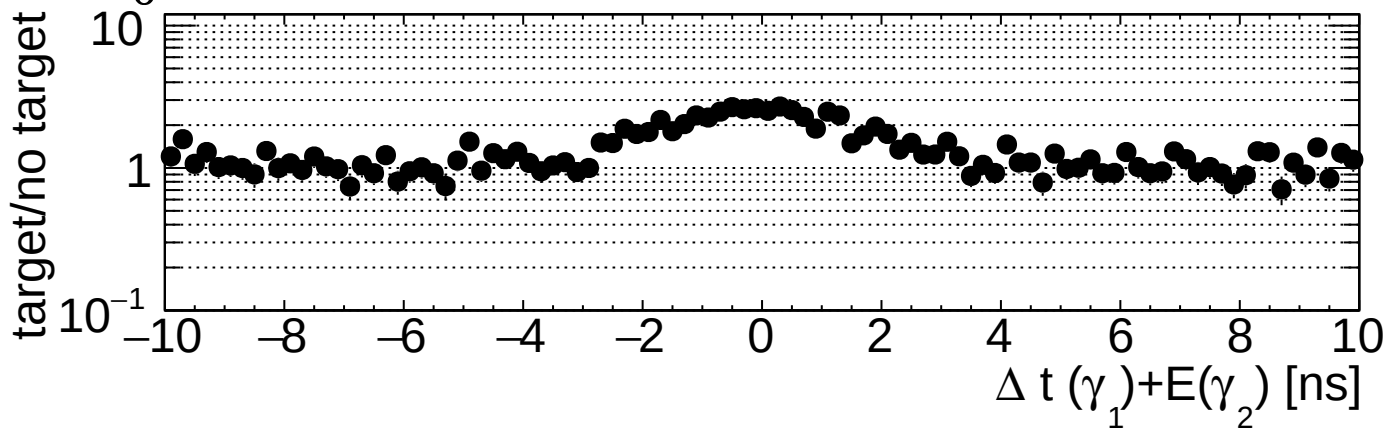
ECAL_dTime_10ns5CoG

PADMEInternal

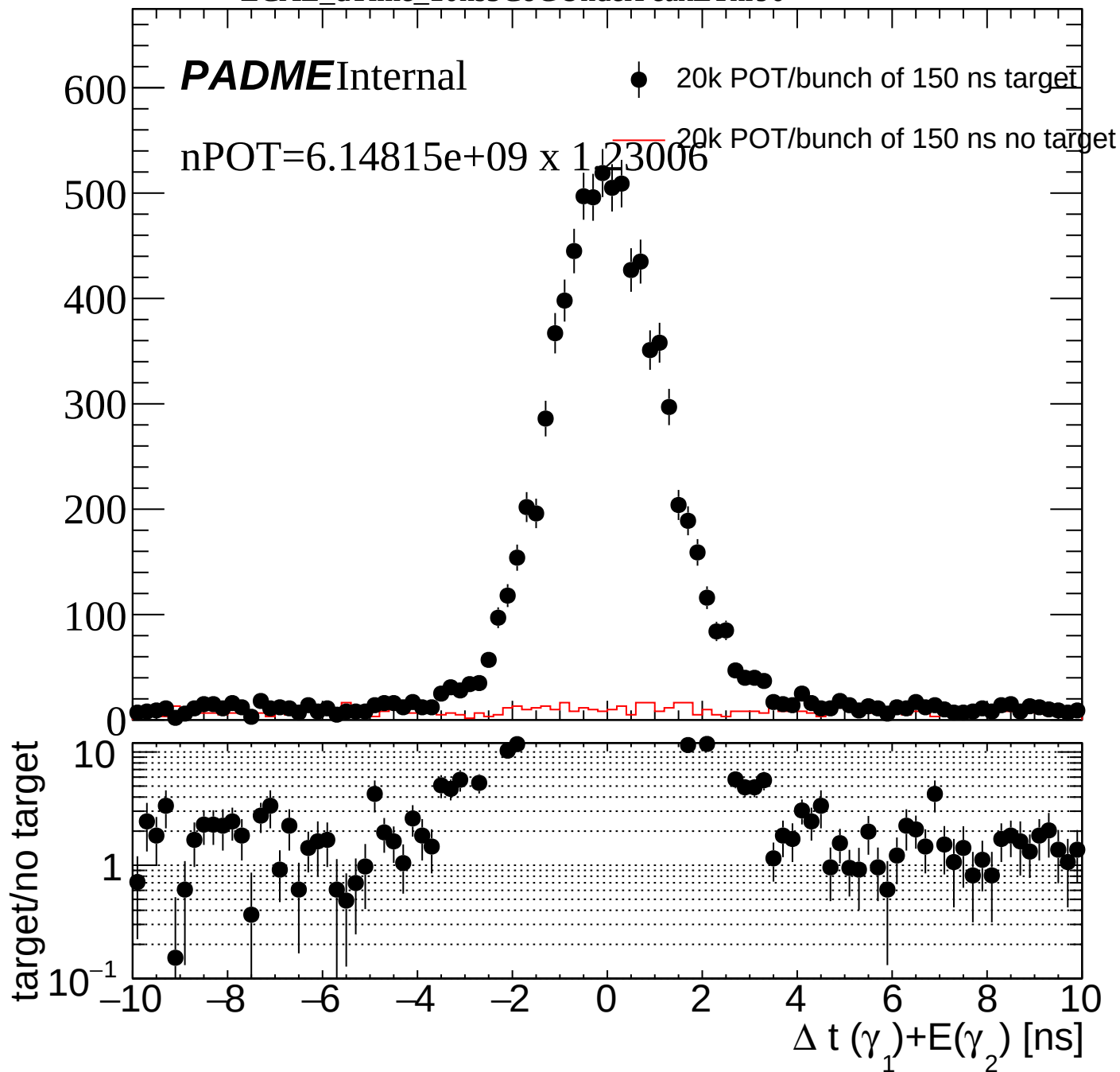
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target



ECAL_dTime_10ns5CoGUnderPeakEThr90



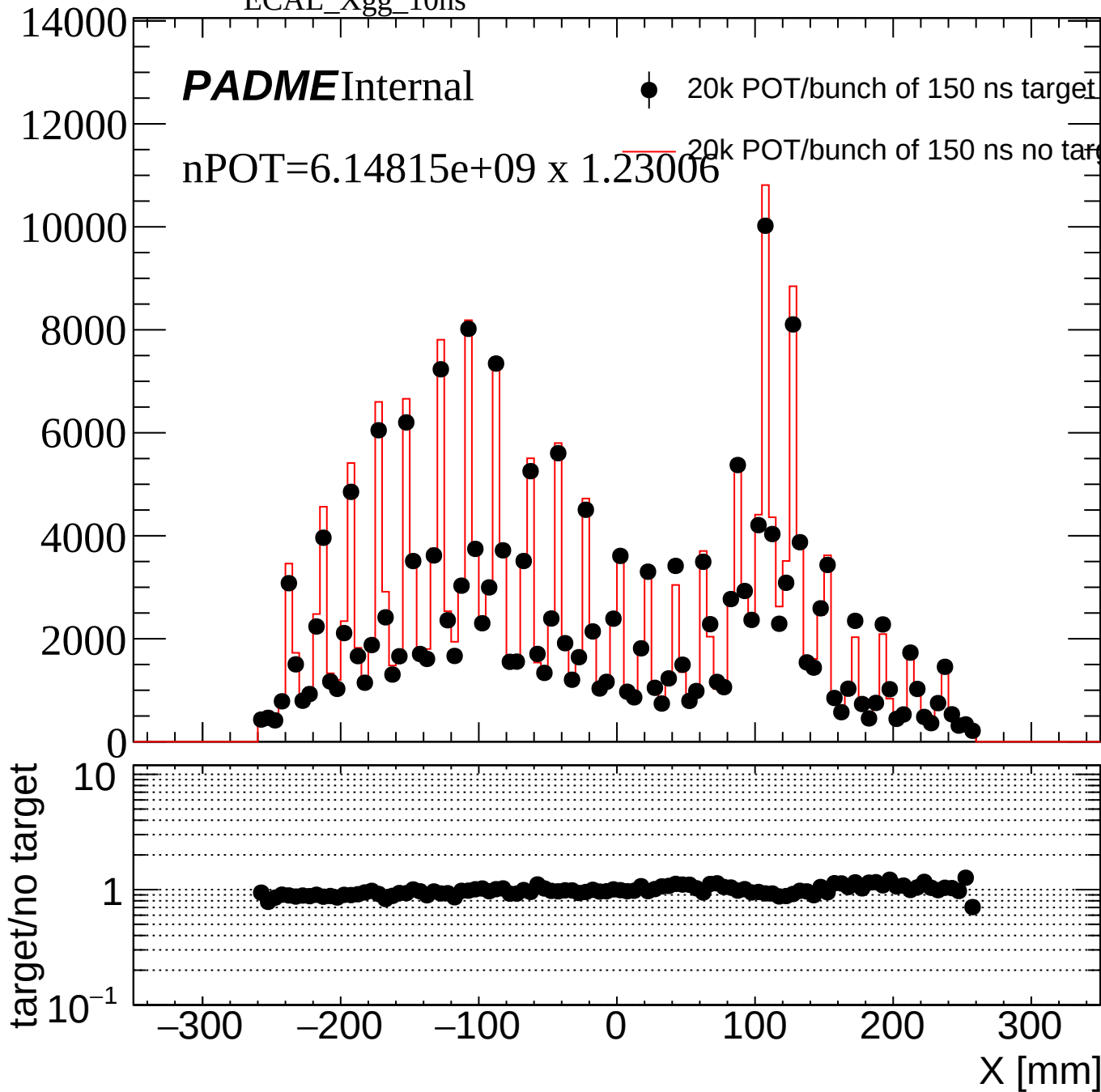
ECAL_Xgg_10ns

PADMEInternal

nPOT=6.14815e+09 x 1.23006

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target



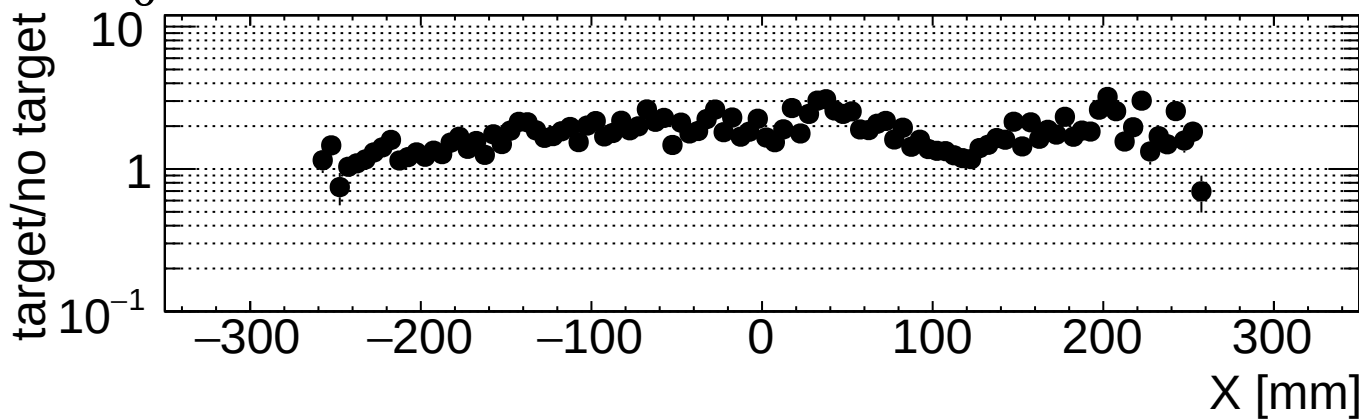
ECAL_Xgg_10ns20Degree

PADMEInternal

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

nPOT=6.14815e+09 x 1.23006



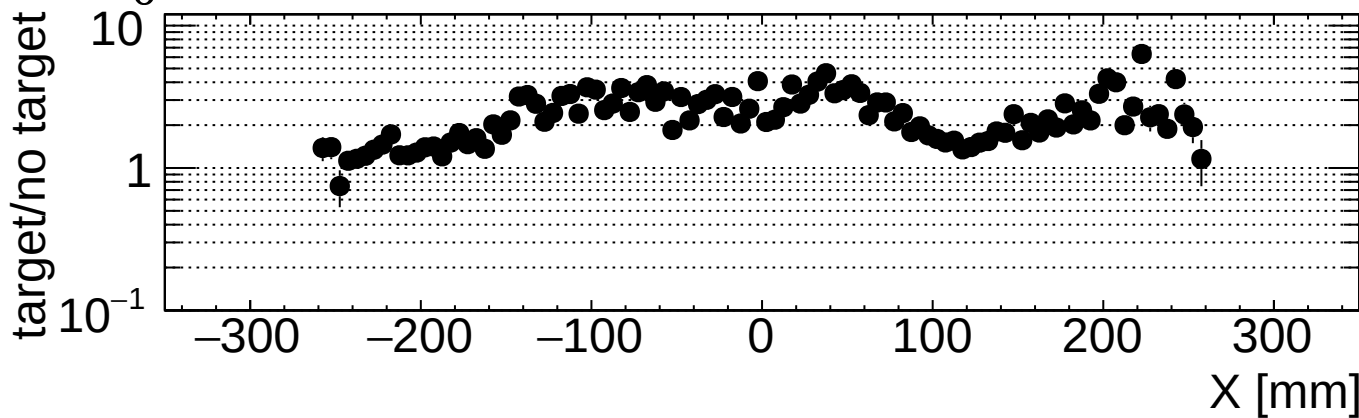
ECAL_Xgg_10ns20DegreeDeltaTheta

PADMEInternal

nPOT=6.14815e+09 x 1.23006

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target



ECAL_Xgg_10ns5DegreeDeltaTheta

PADMEInternal

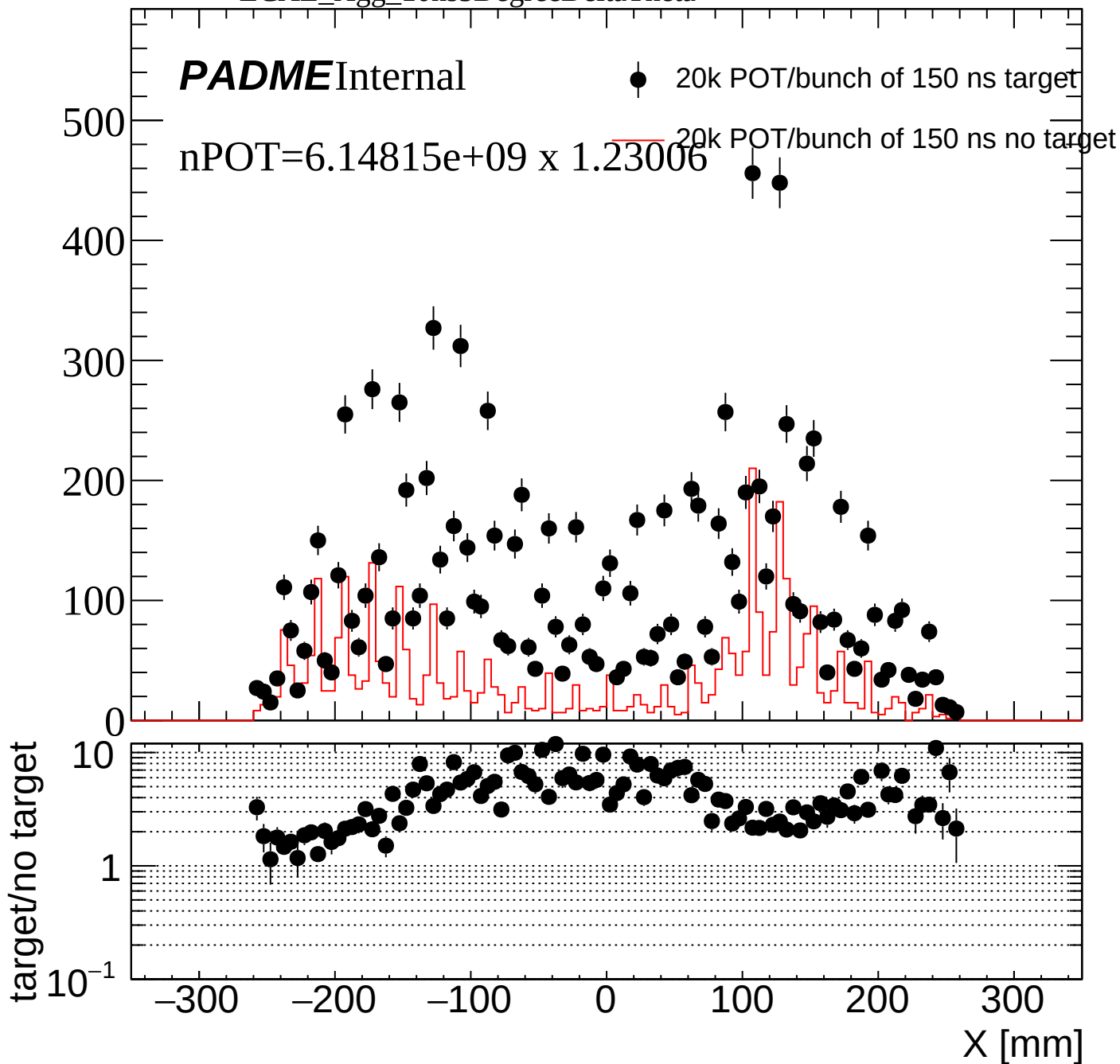
nPOT=6.14815e+09 x 1.23006

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target

target/no target

X [mm]



ECAL_Xgg_10ns20DegreeDeltaThetaUnderPeak

PADMEInternal

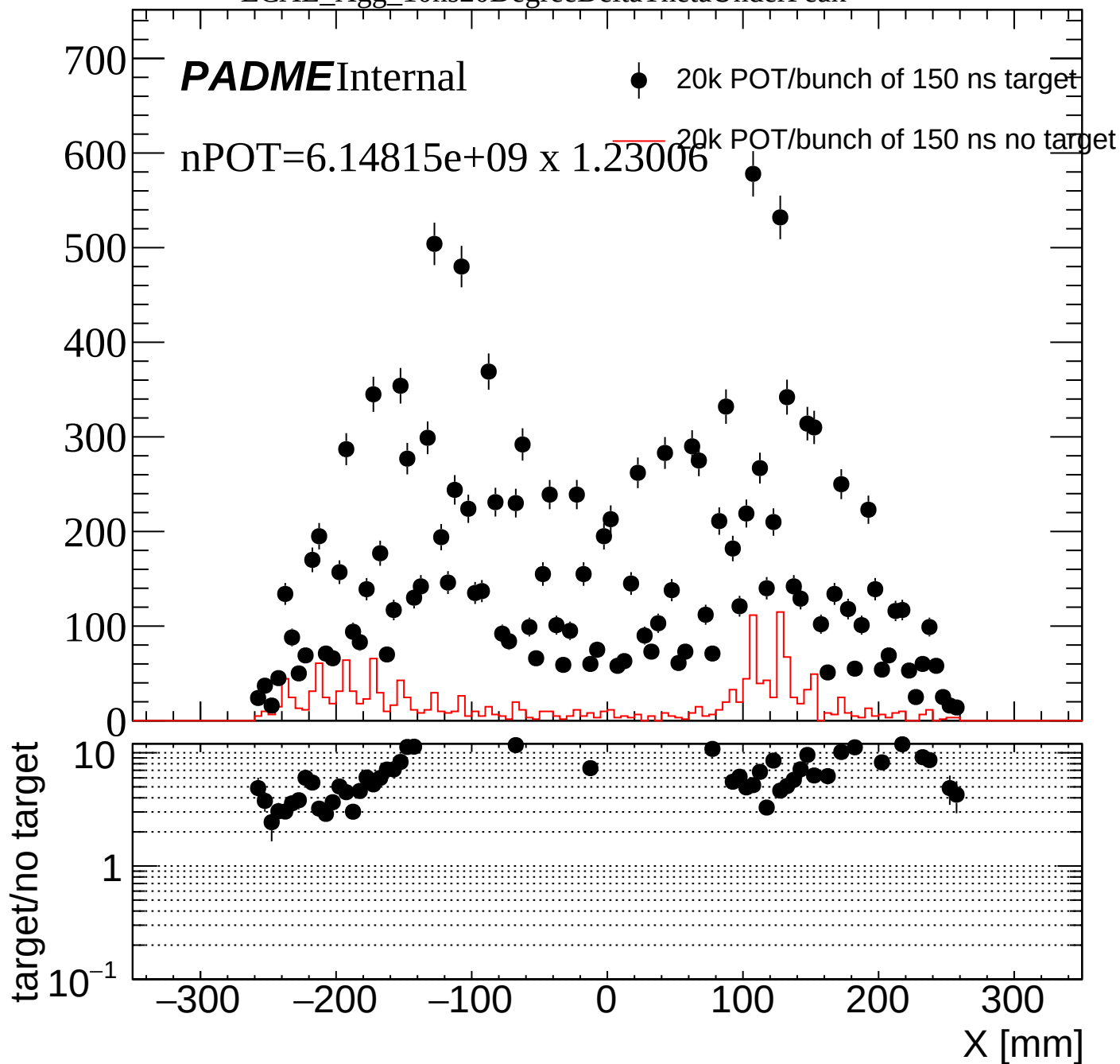
● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target

nPOT=6.14815e+09 x 1.23006

target/no target

X [mm]



ECAL_Xgg_10ns5DegreeDeltaThetaUnderPeak

PADME Internal

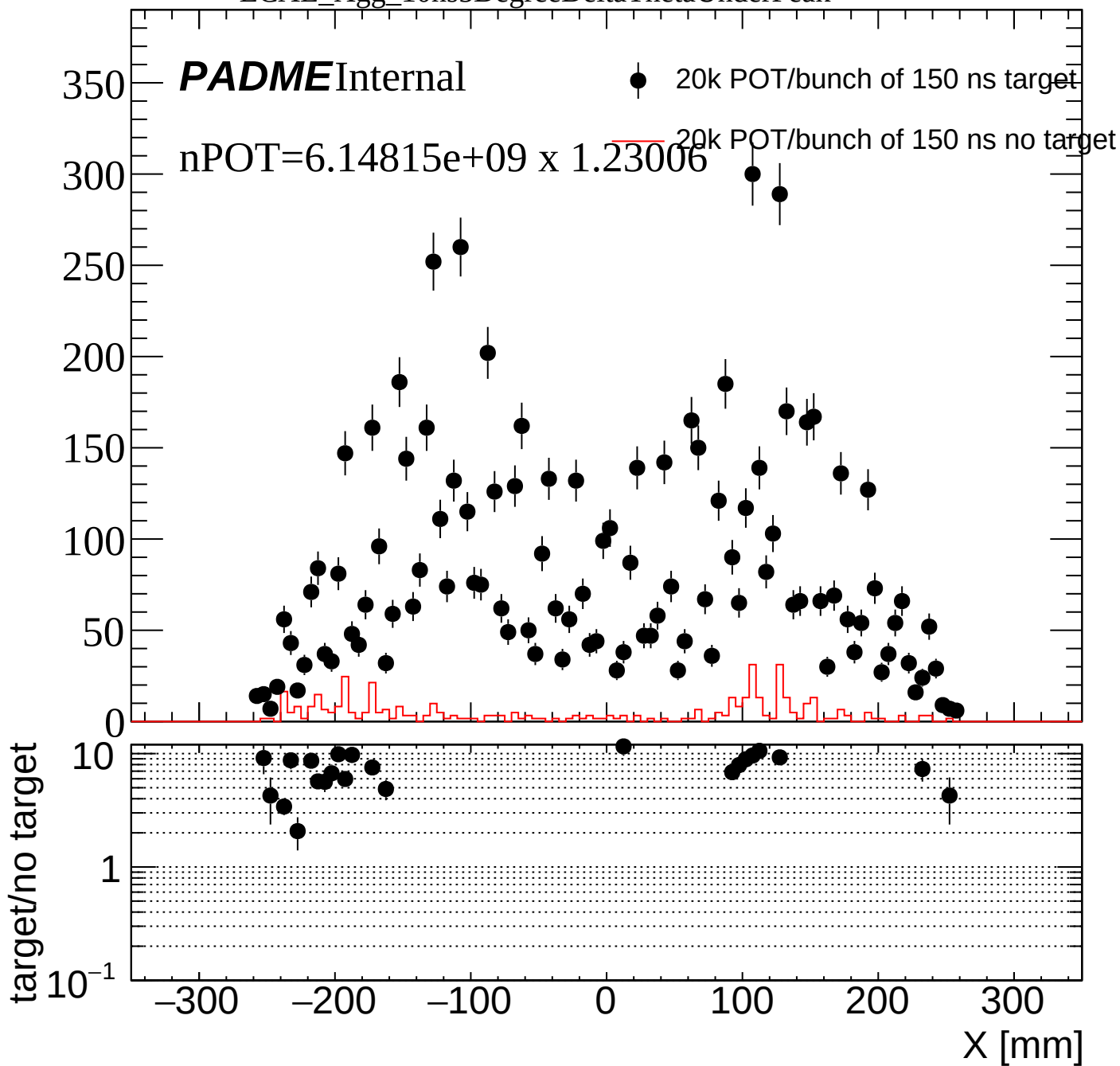
$n\text{POT}=6.14815\text{e}+09 \times 1.23006$

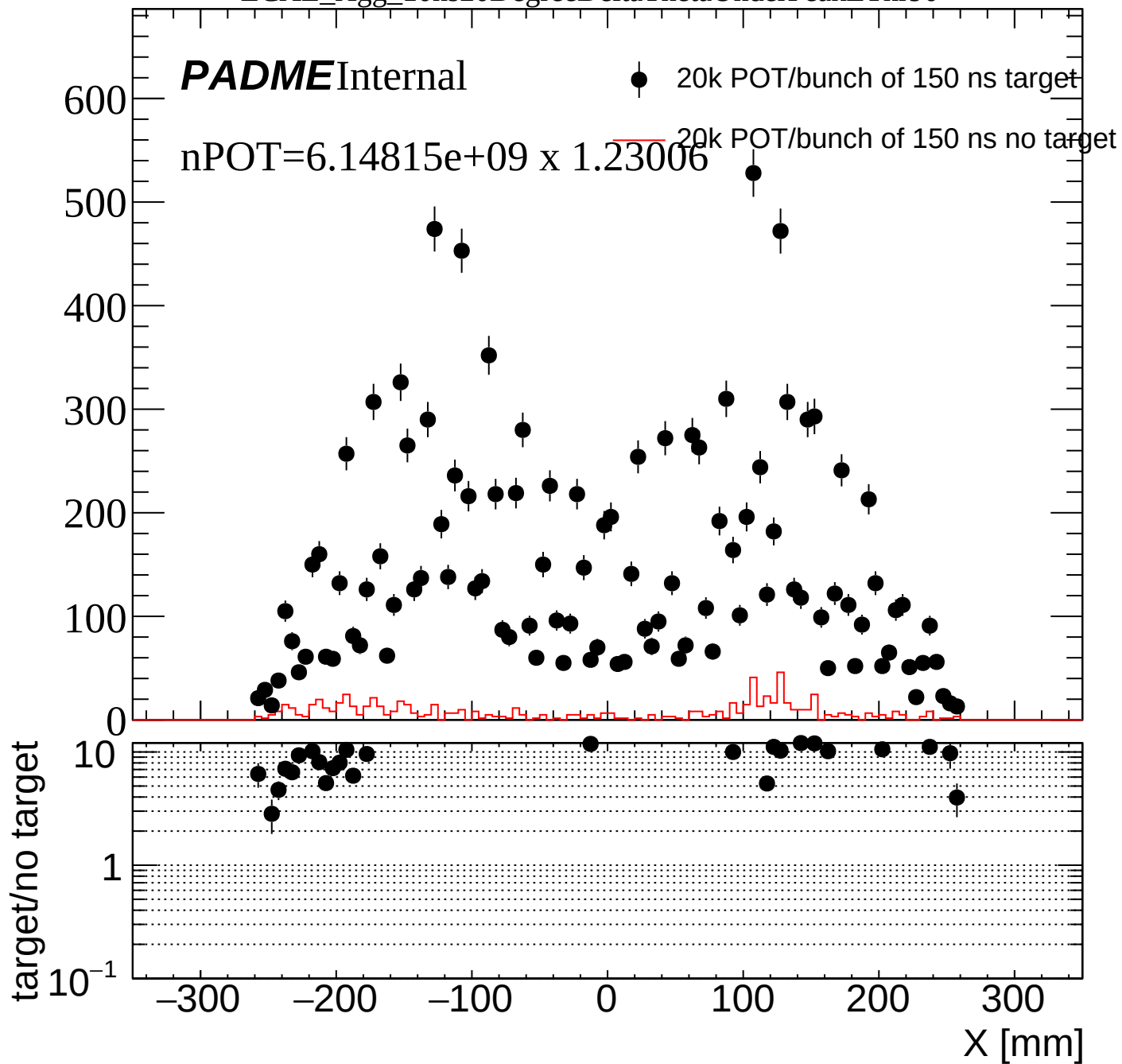
20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

X [mm]





ECAL_Xgg_10ns20DegreeDeltaThetaUnderPeakEThr90_FRY

PADMEInternal

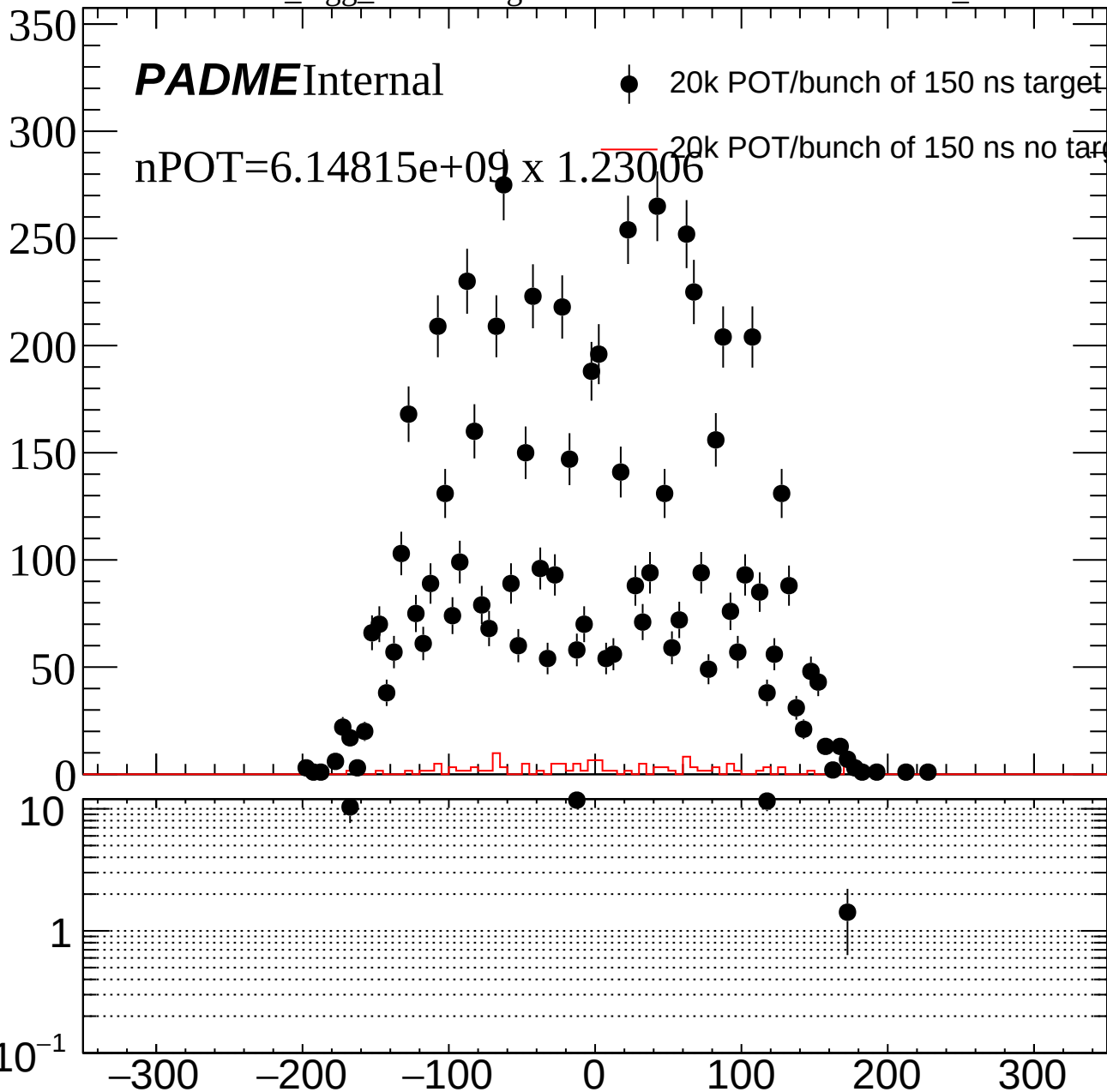
nPOT=6.14815e+09 x 1.23006

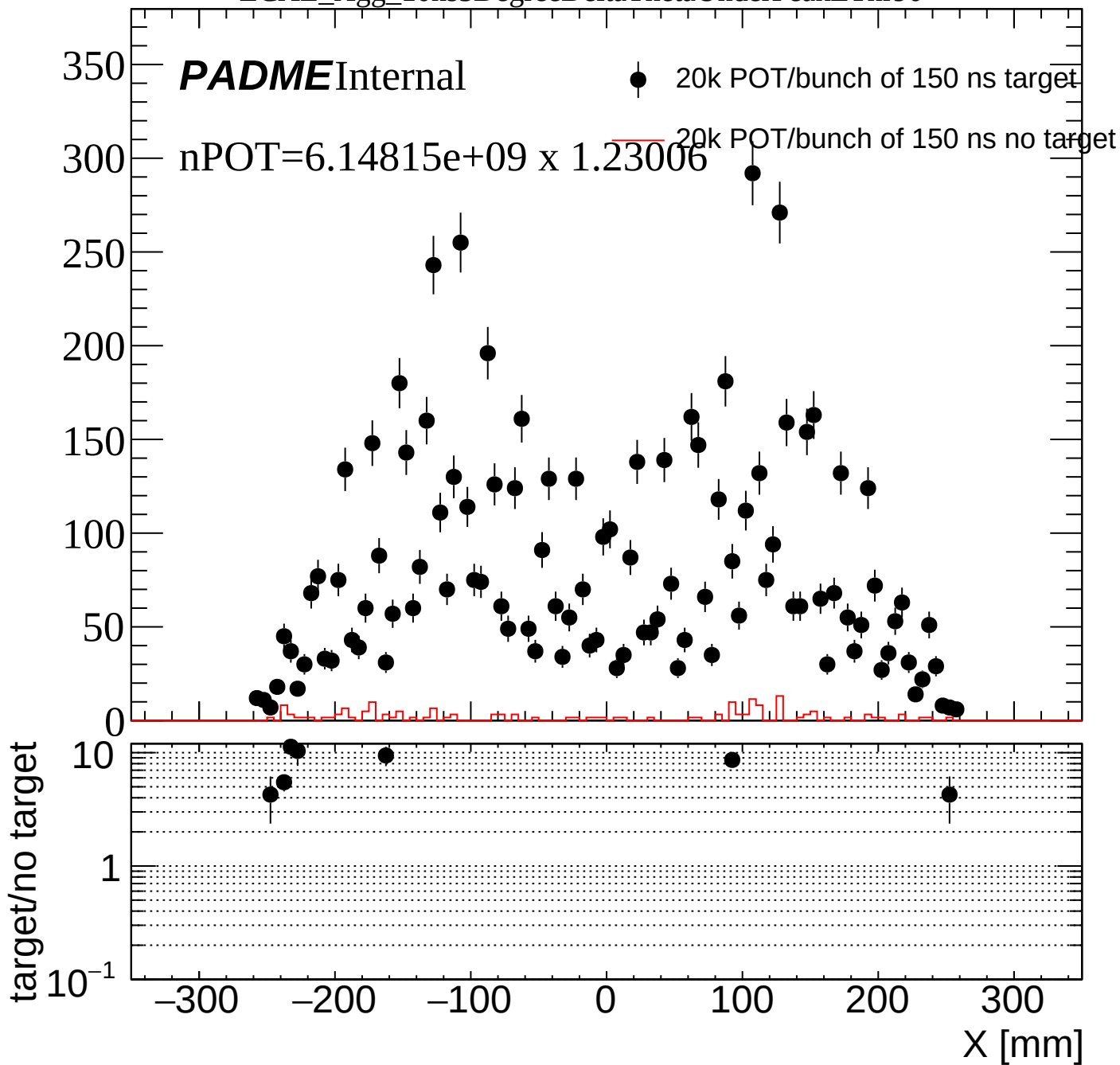
20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

X [mm]





ECAL_Xgg_10ns20DegreeDeltaThetaEThr90

PADMEInternal

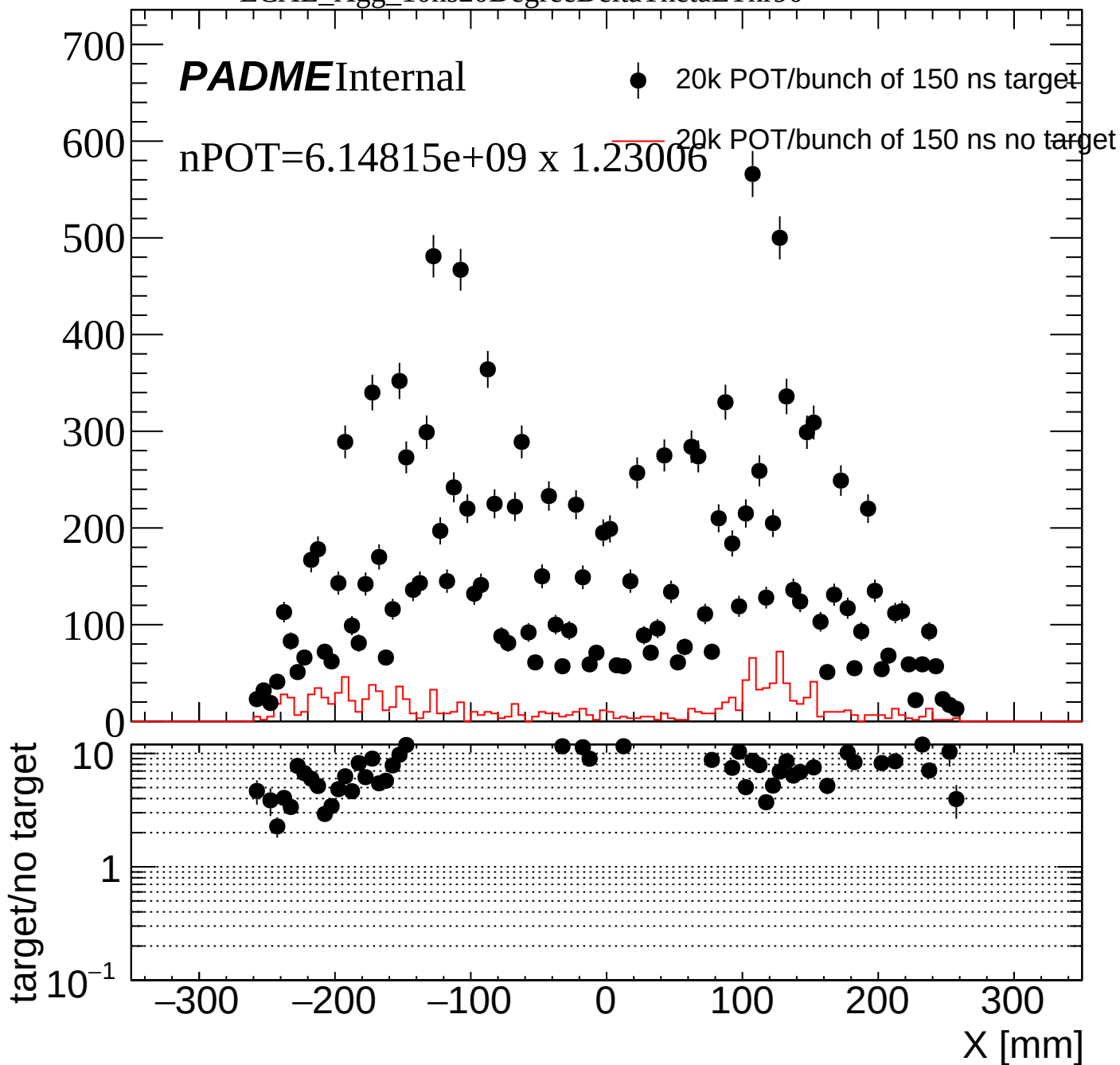
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

X [mm]



ECAL_Xgg_10ns5DegreeDeltaThetaEThr90

PADME Internal

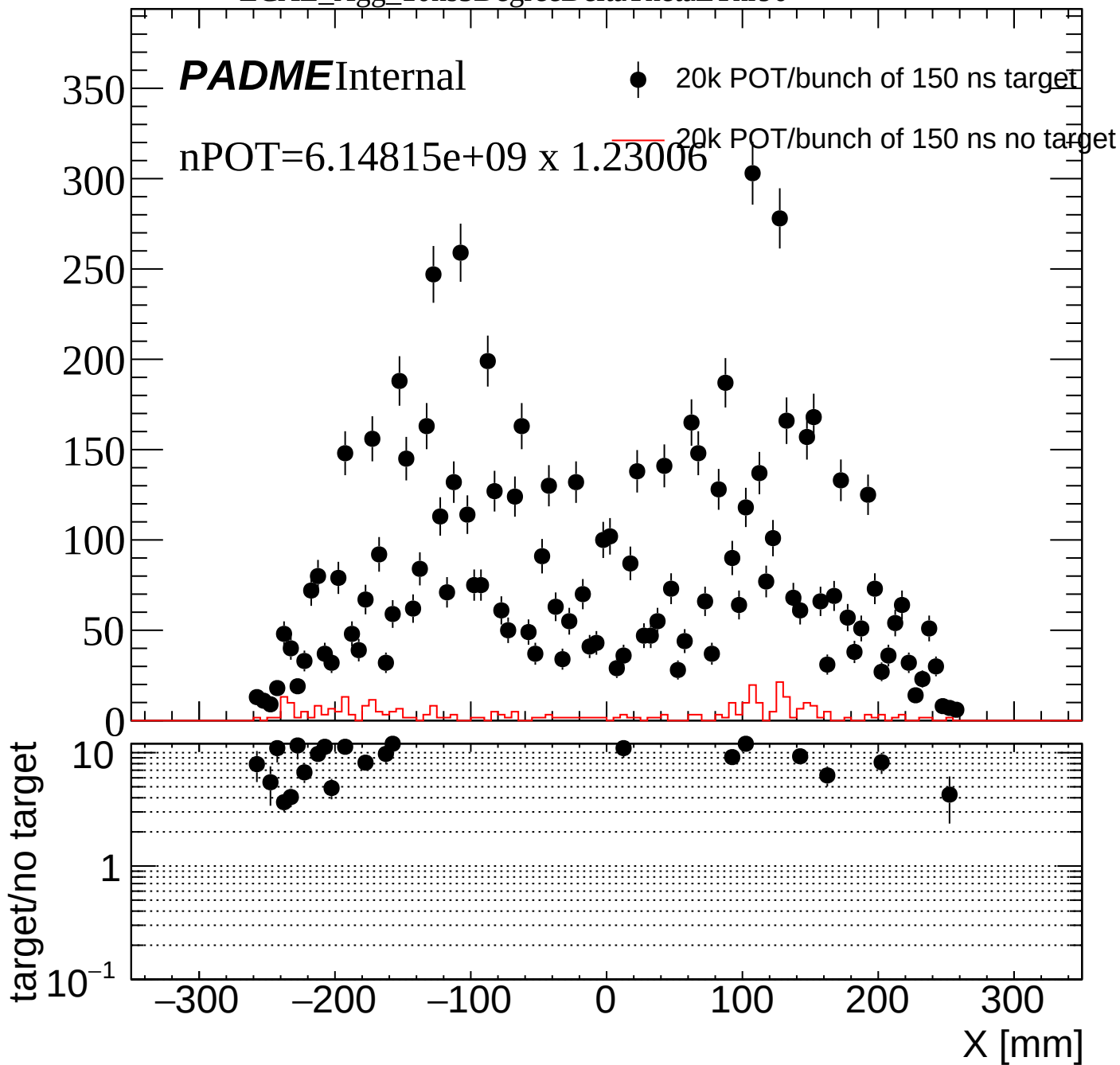
$n\text{POT}=6.14815\text{e}+09 \times 1.23006$

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target

target/no target

X [mm]



ECAL_Xgg_10ns1CoG

PADMEInternal

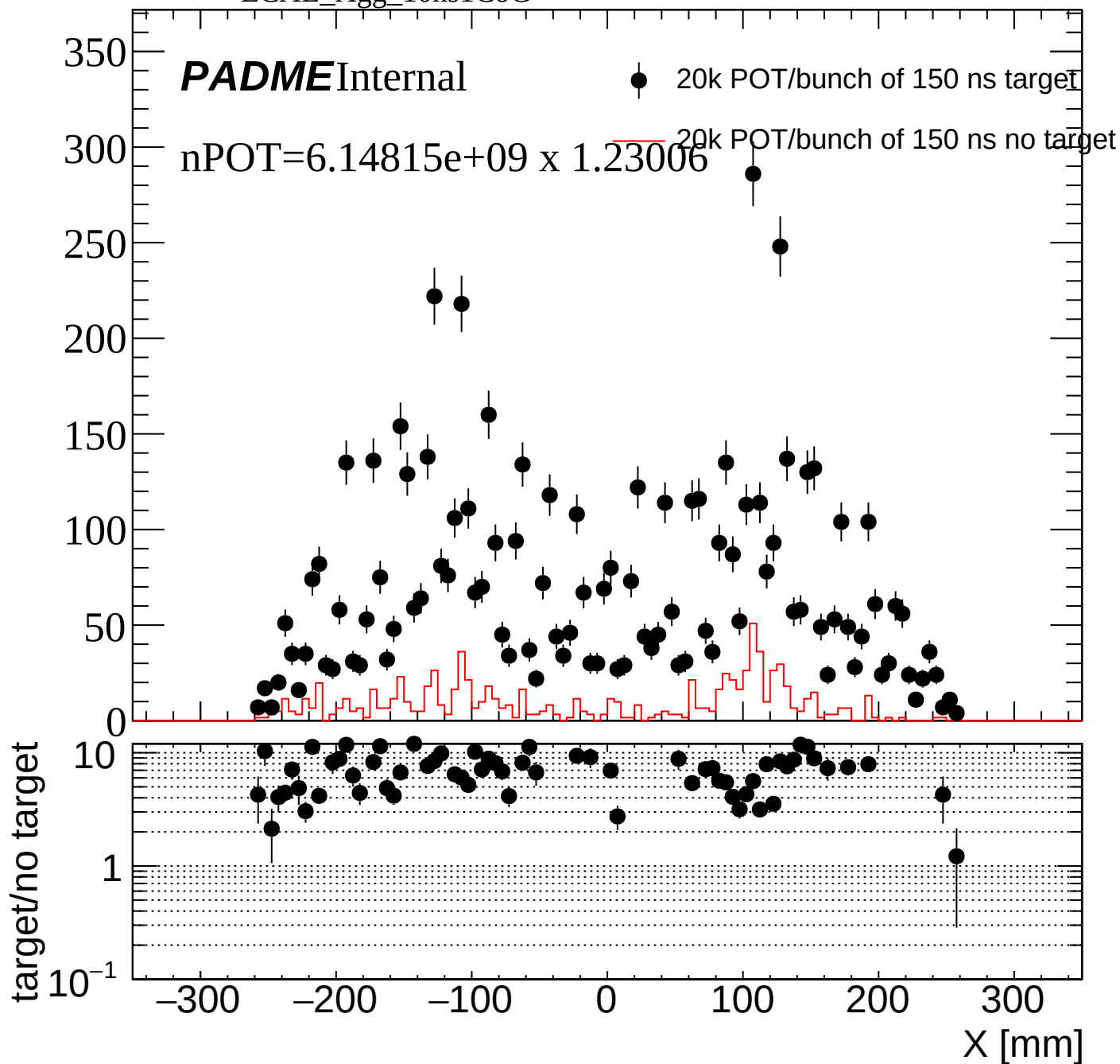
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

X [mm]



ECAL_Xgg_10ns1CoGUnderPeak

PADME Internal

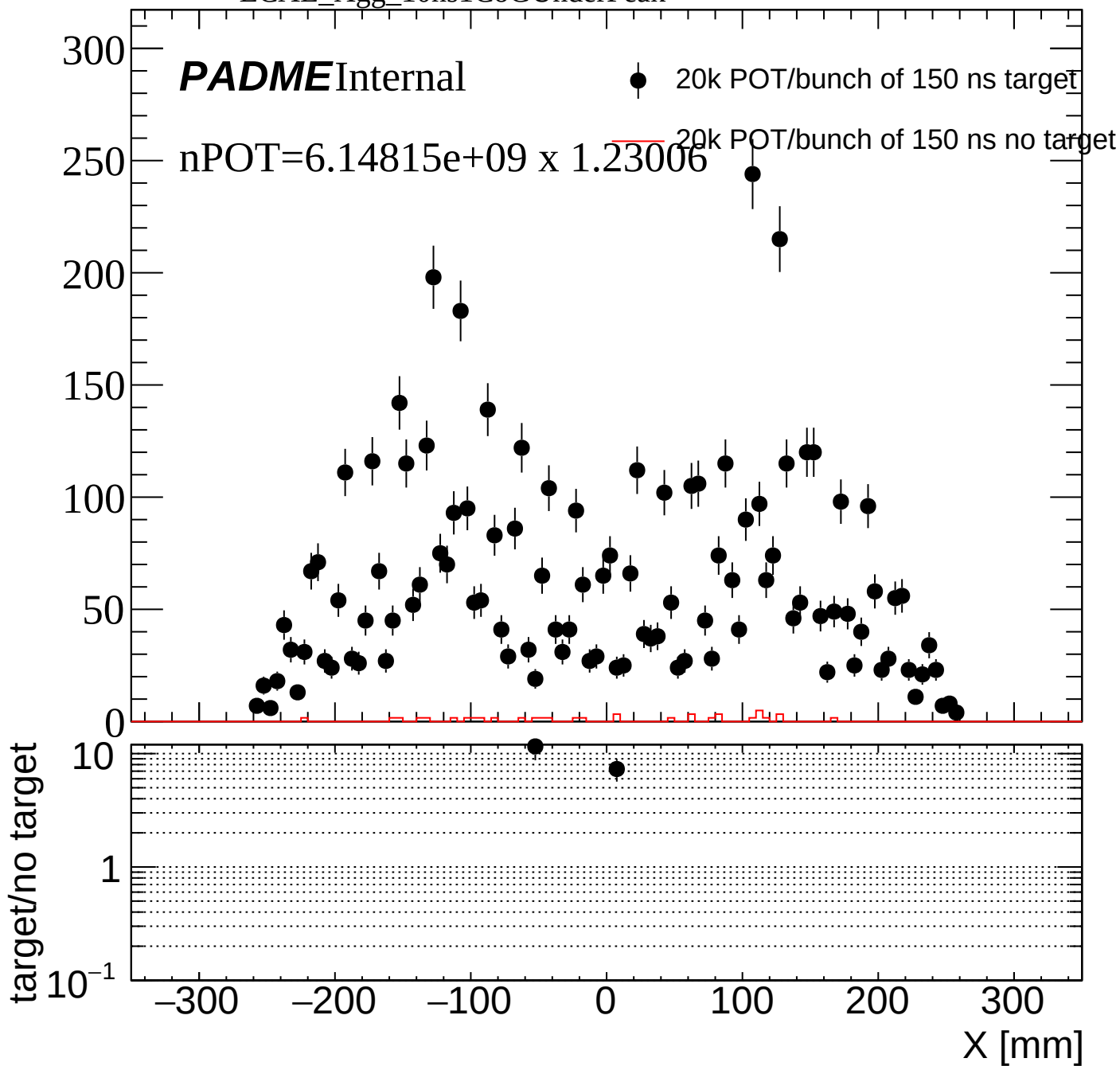
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

X [mm]



ECAL_Xgg_10ns1CoGUnderPeakEThr90

PADME Internal

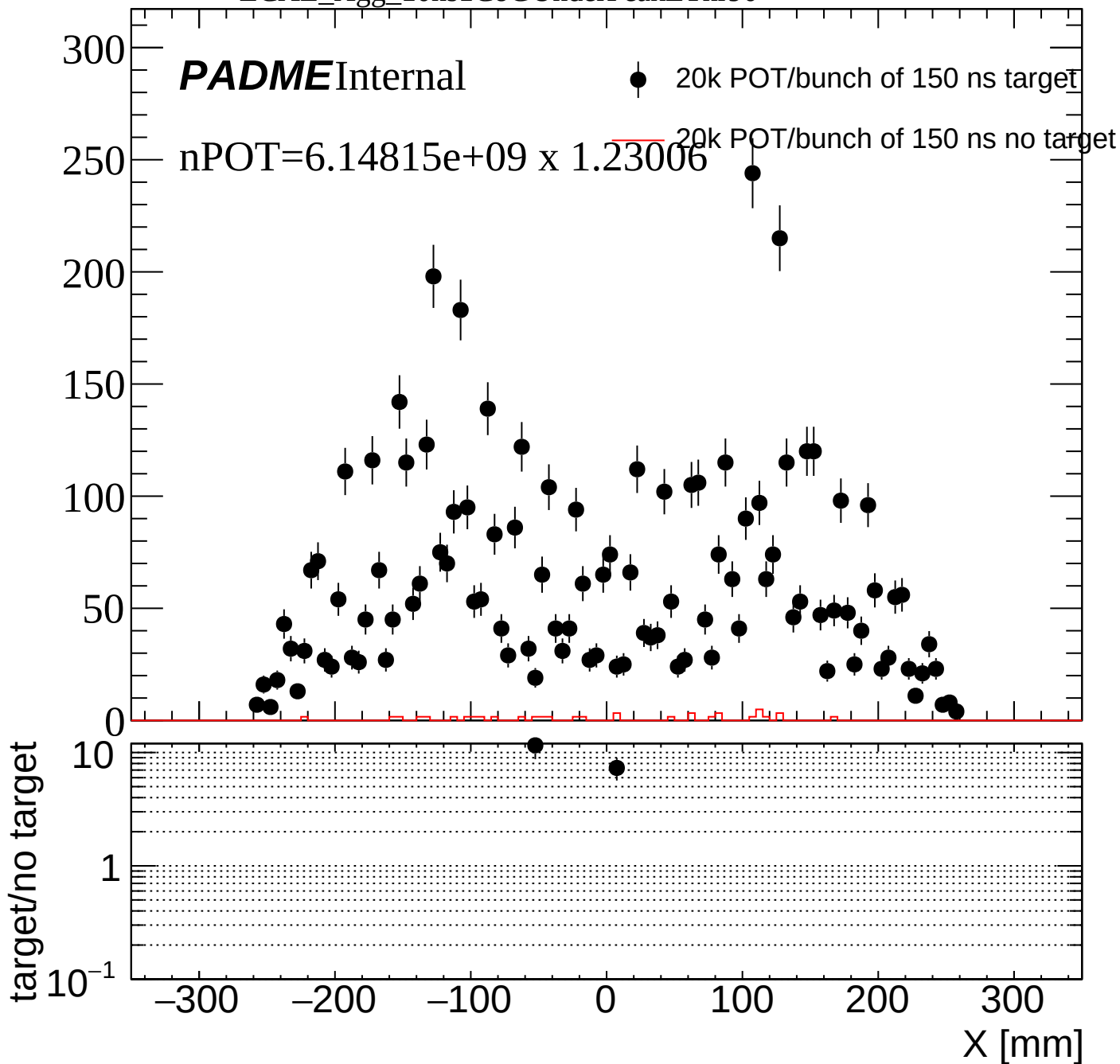
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

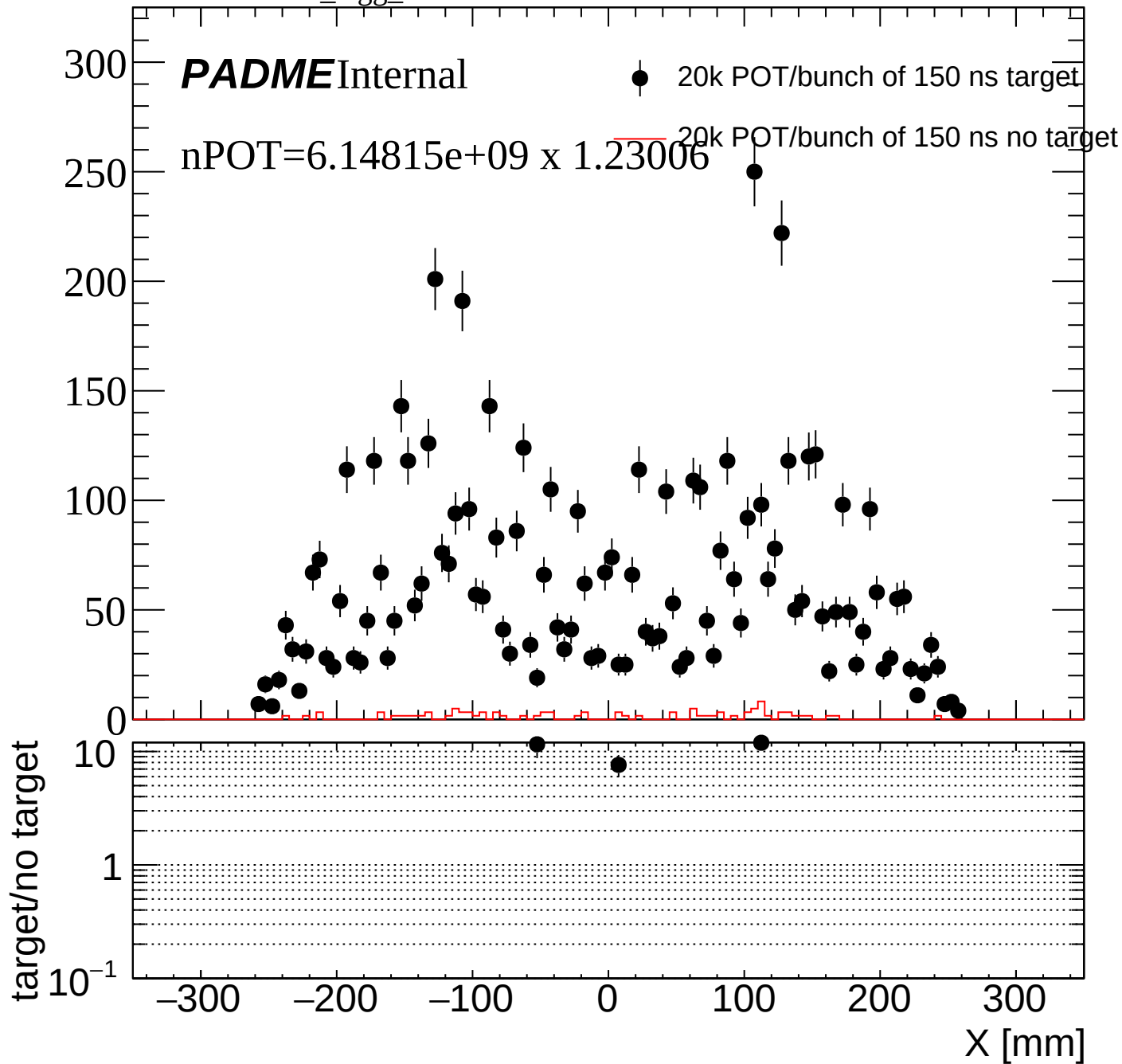
20k POT/bunch of 150 ns no target

target/no target

X [mm]



ECAL_Xgg_10ns1CoGEThr90



ECAL_Xgg_10ns1CoG20Degree

PADME Internal

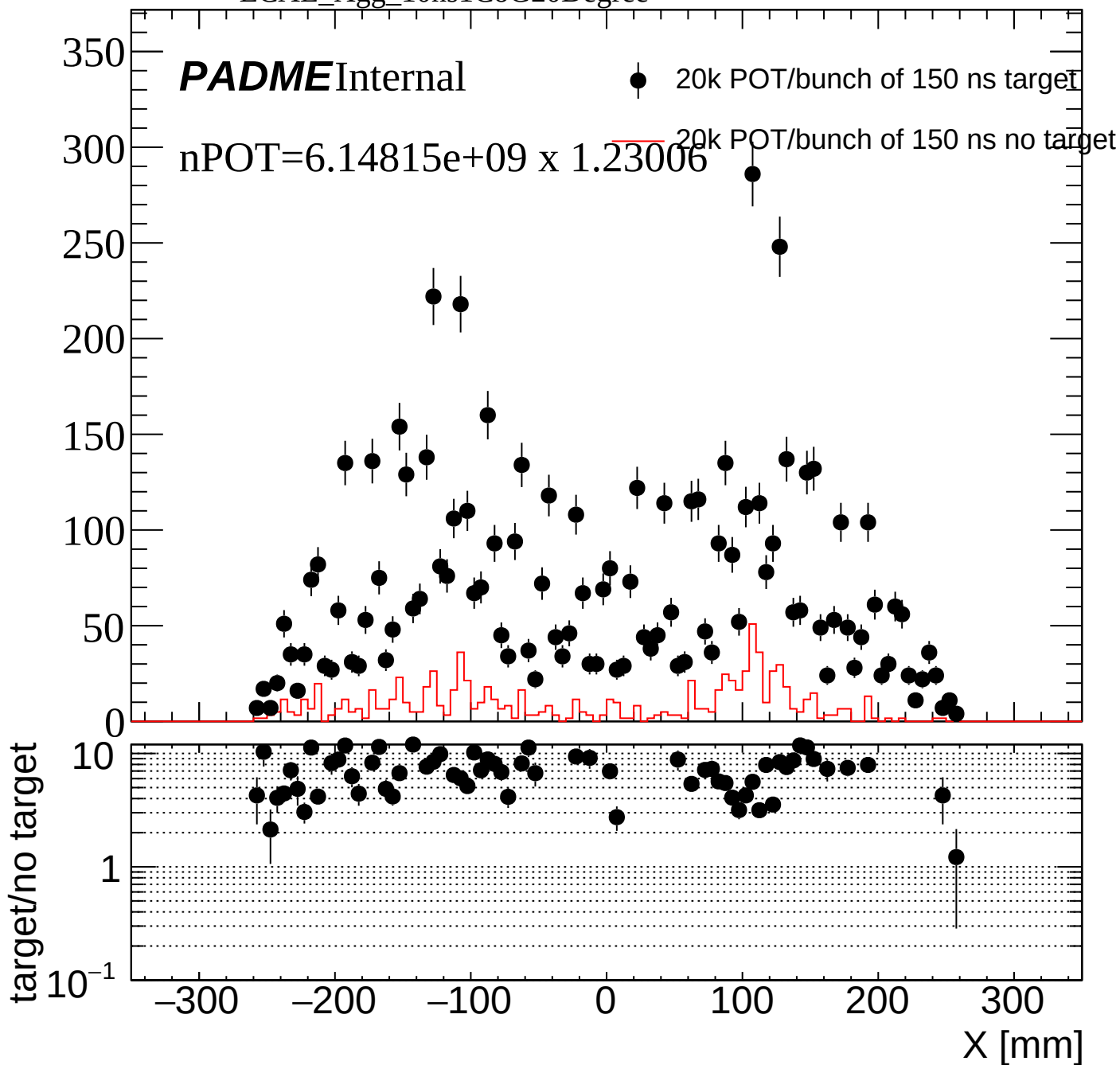
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

X [mm]



ECAL_Xgg_10ns1CoG20DegreeDeltaTheta

PADMEInternal

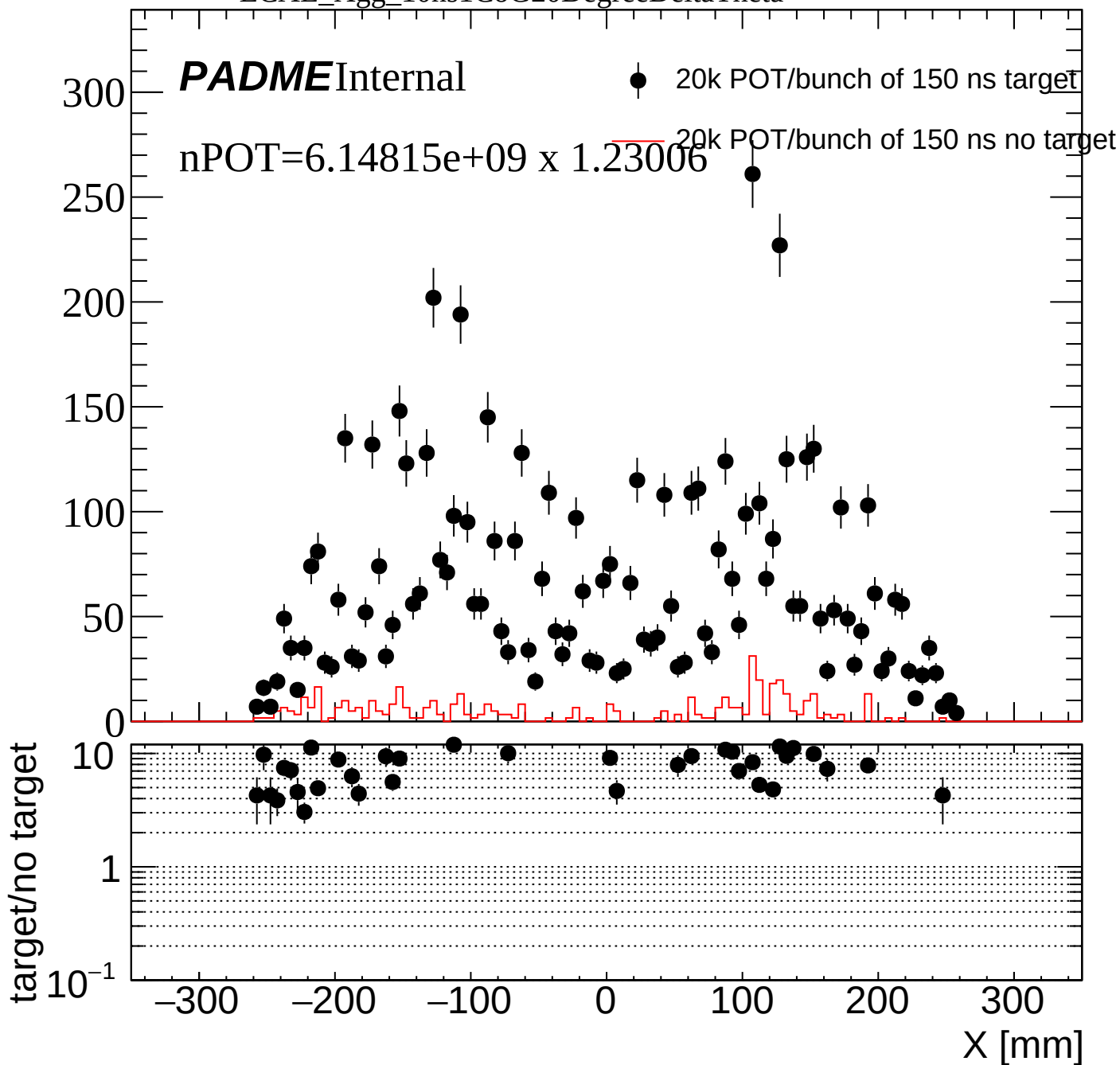
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

X [mm]



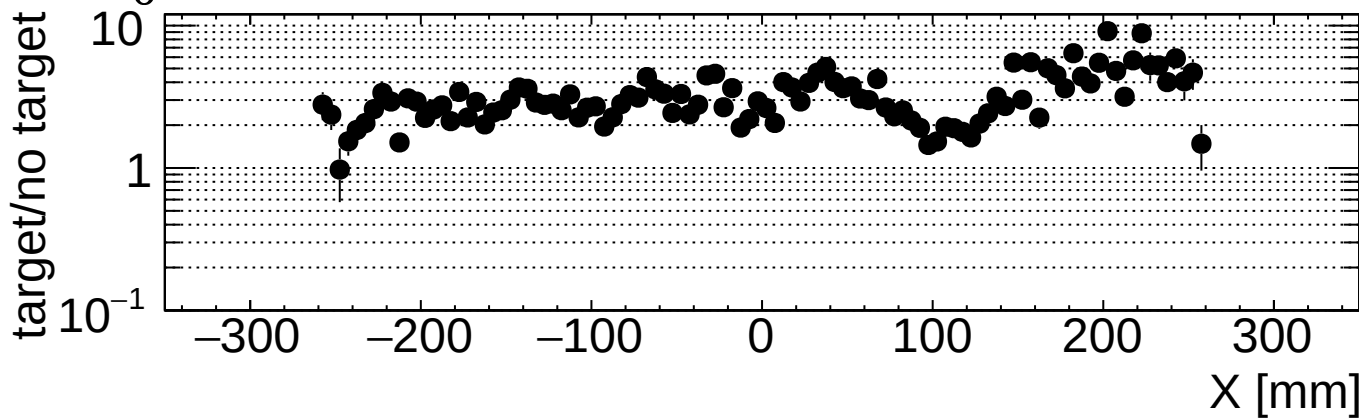
ECAL_Xgg_10ns3CoG

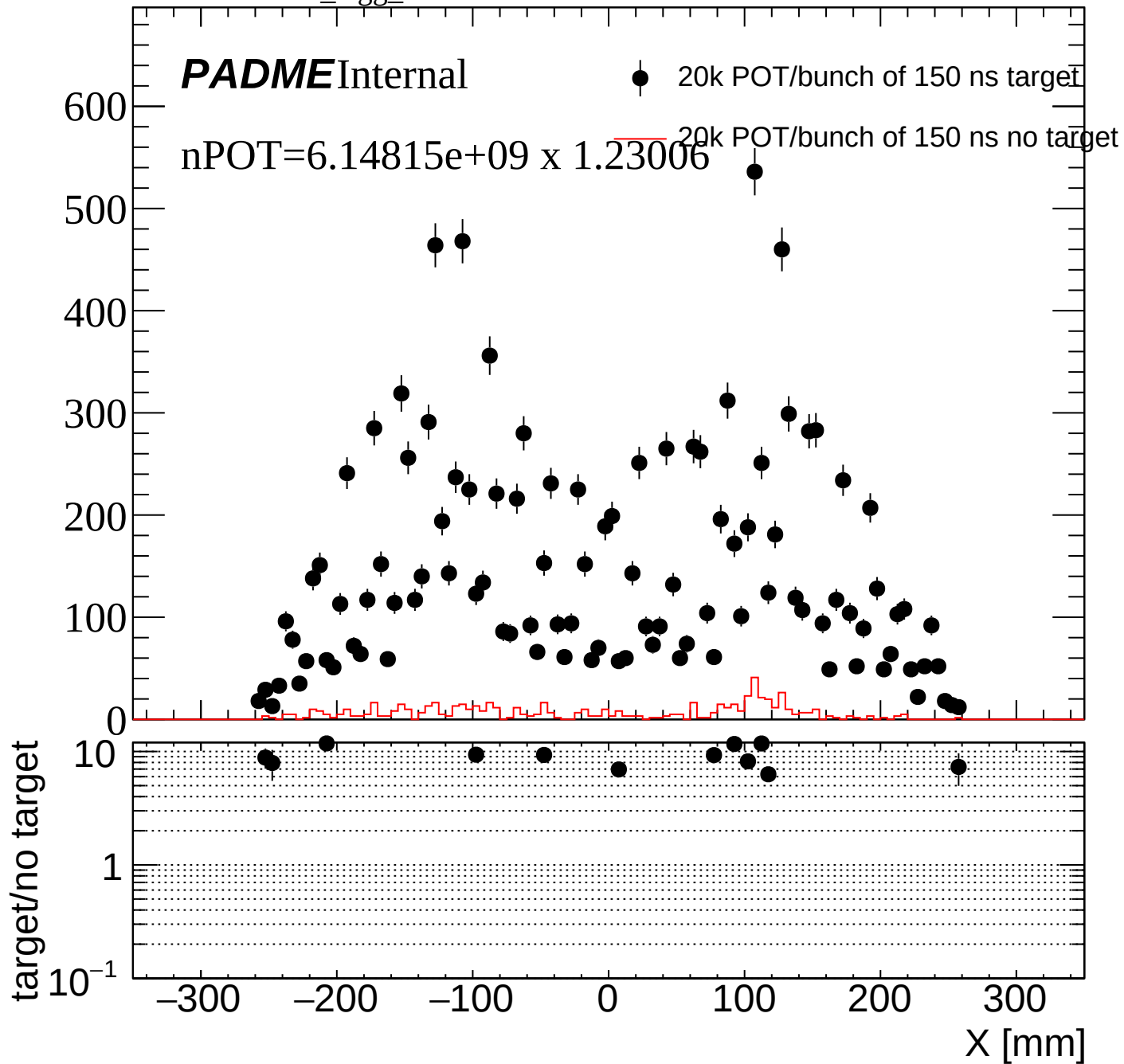
PADMEInternal

nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target





ECAL_Xgg_10ns3CoGUnderPeakEThr90

PADMEInternal

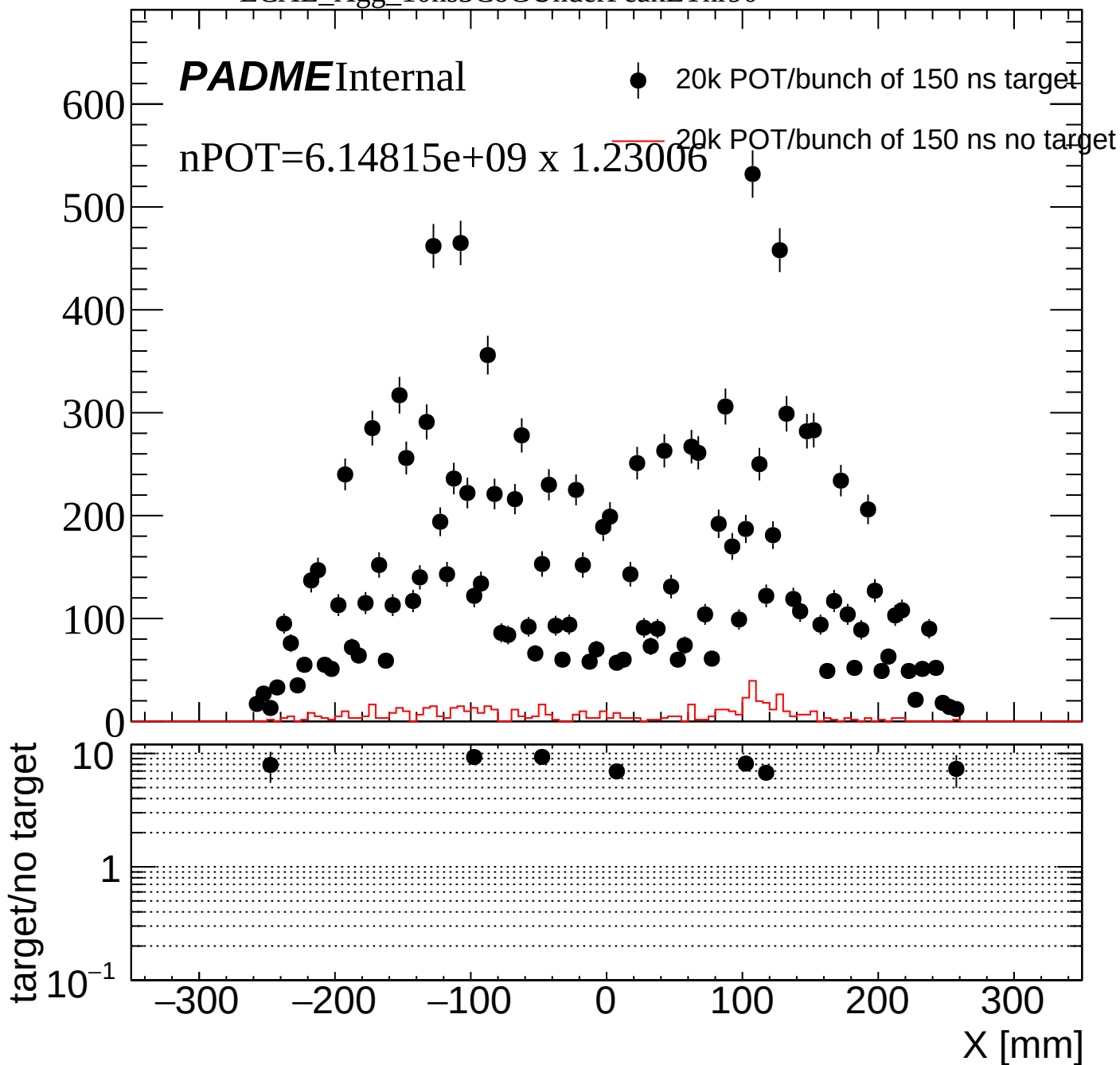
nPOT=6.14815e+09 x 1.23006

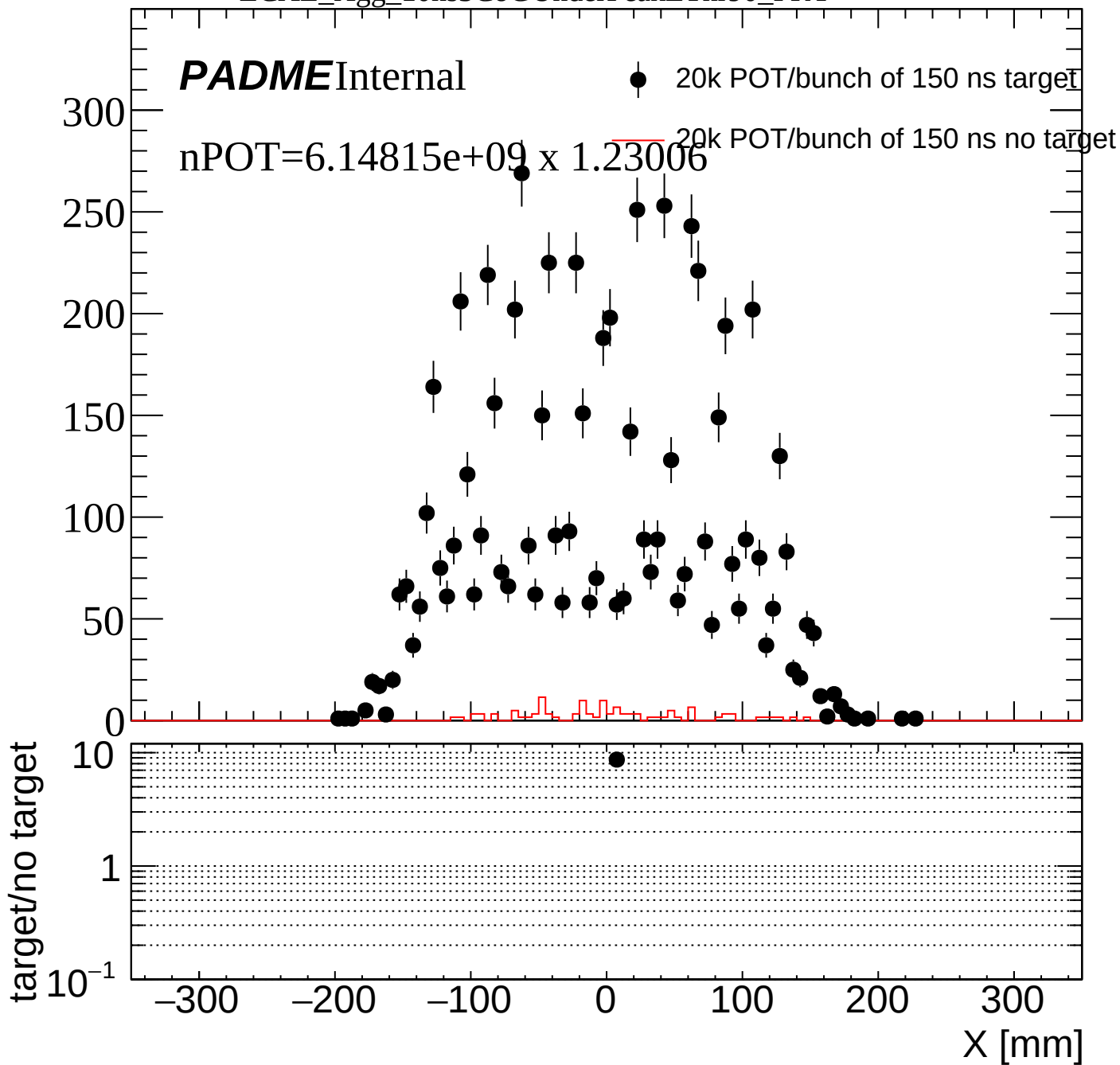
20k POT/bunch of 150 ns target

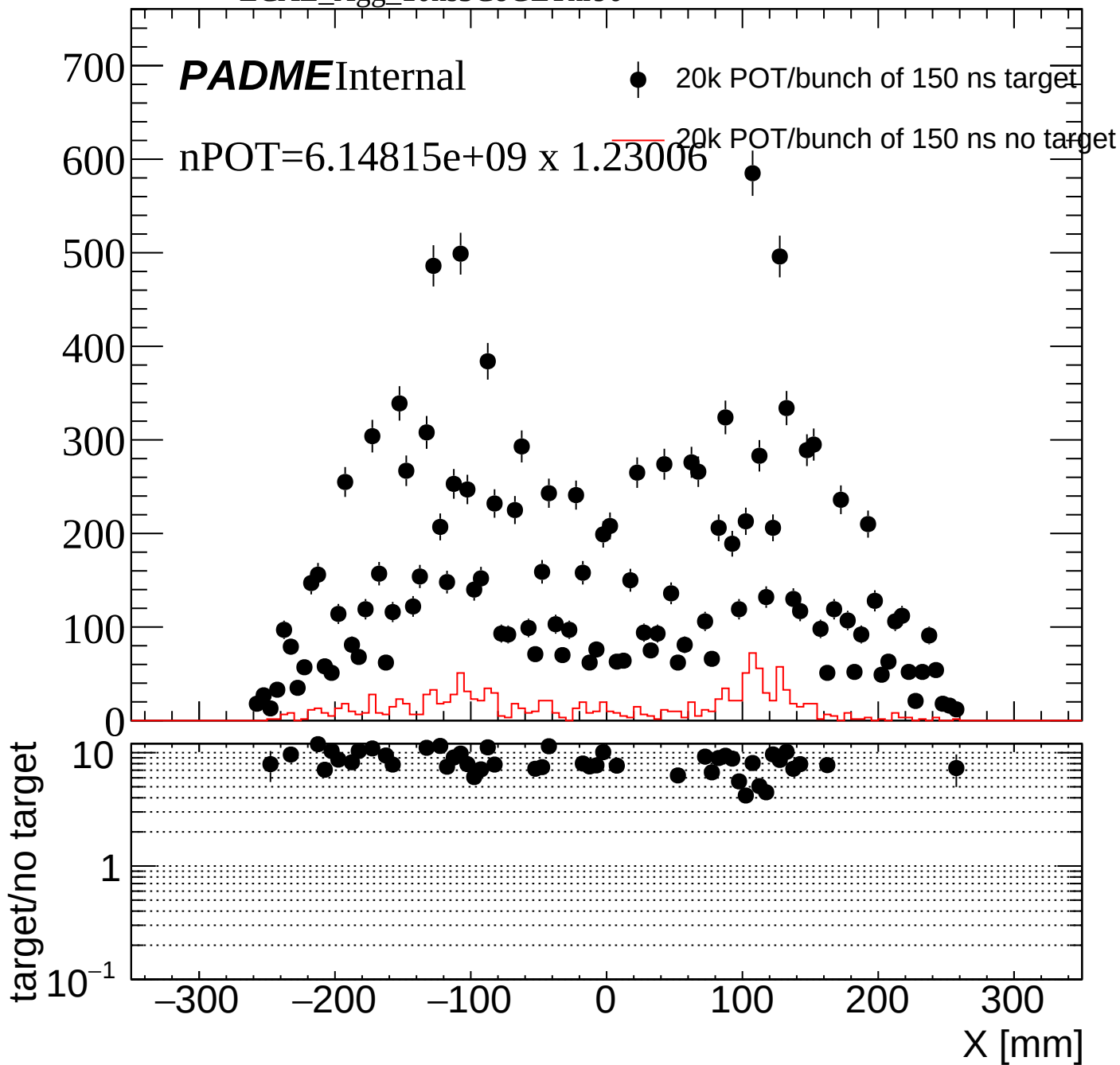
20k POT/bunch of 150 ns no target

target/no target

X [mm]







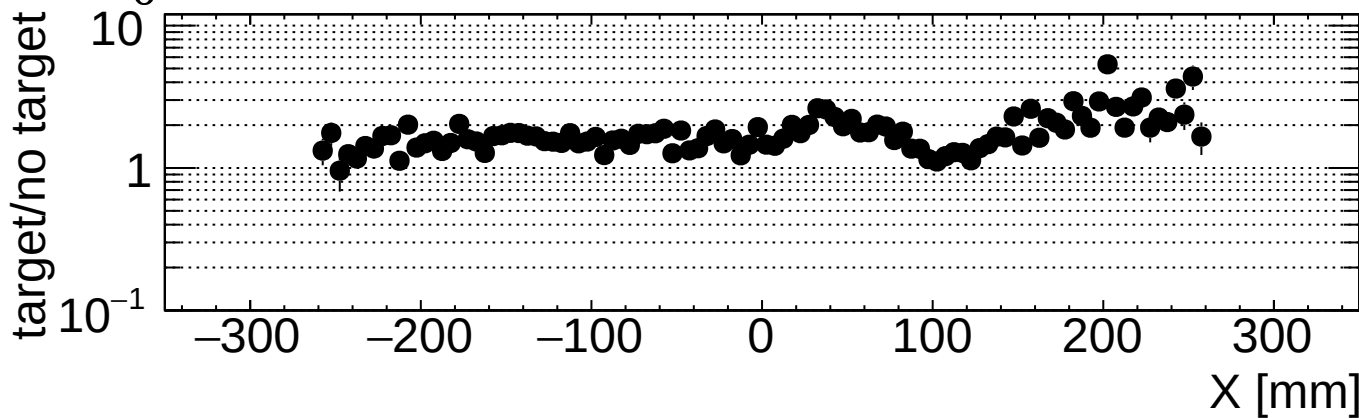
ECAL_Xgg_10ns5CoG

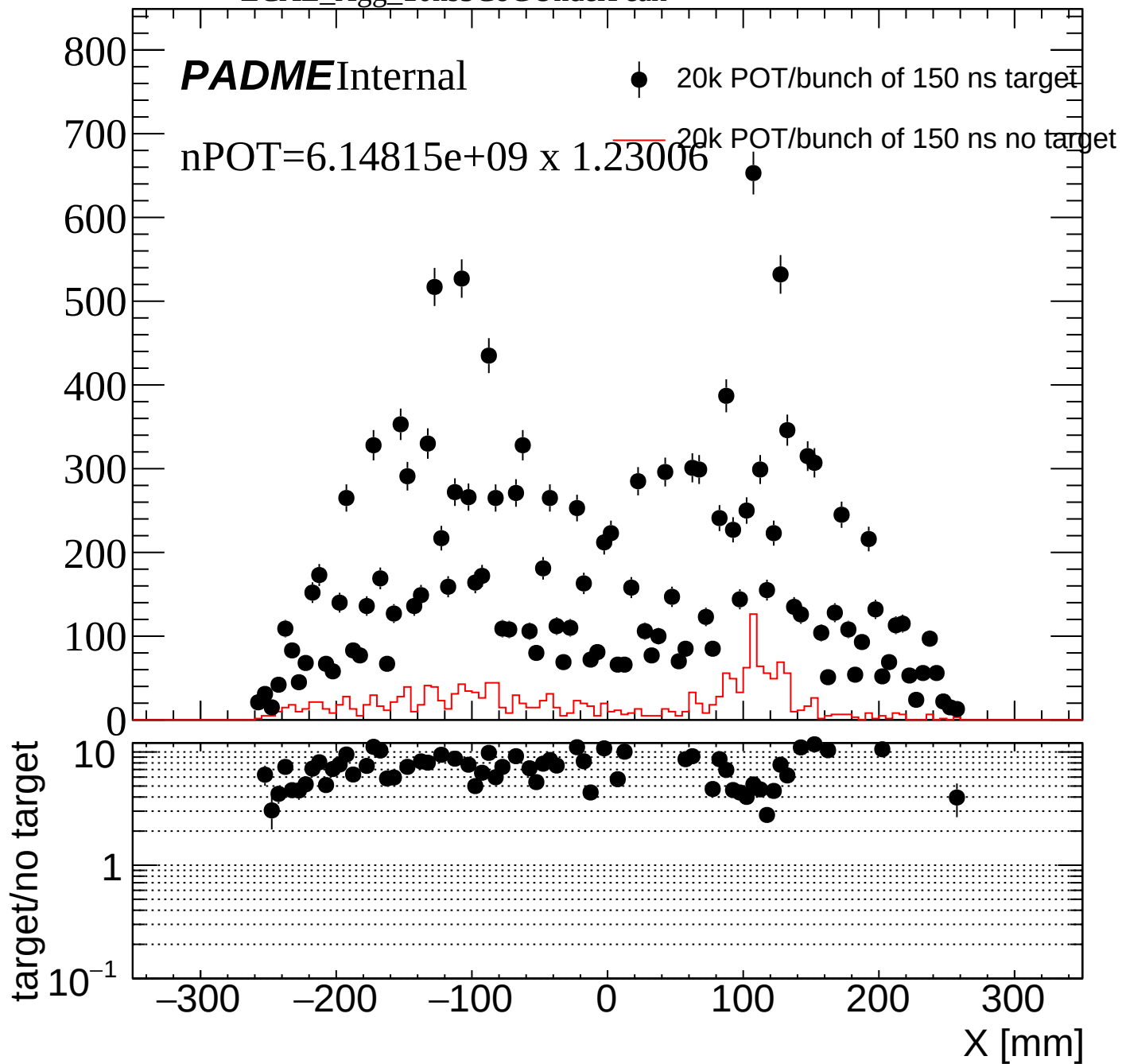
PADMEInternal

nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target





ECAL_Xgg_10ns5CoGUnderPeakEThr90

PADMEInternal

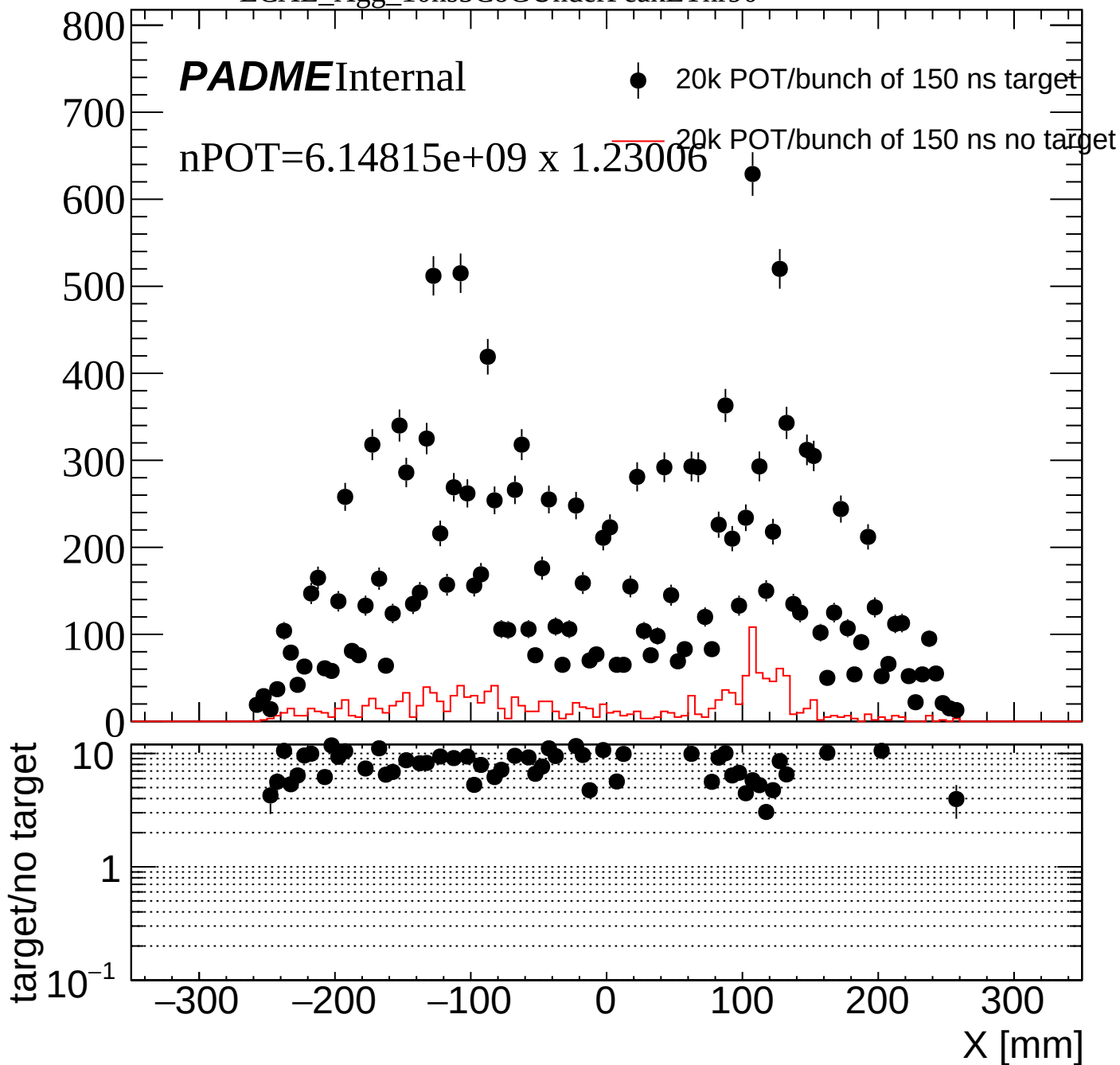
nPOT=6.14815e+09 x 1.23006

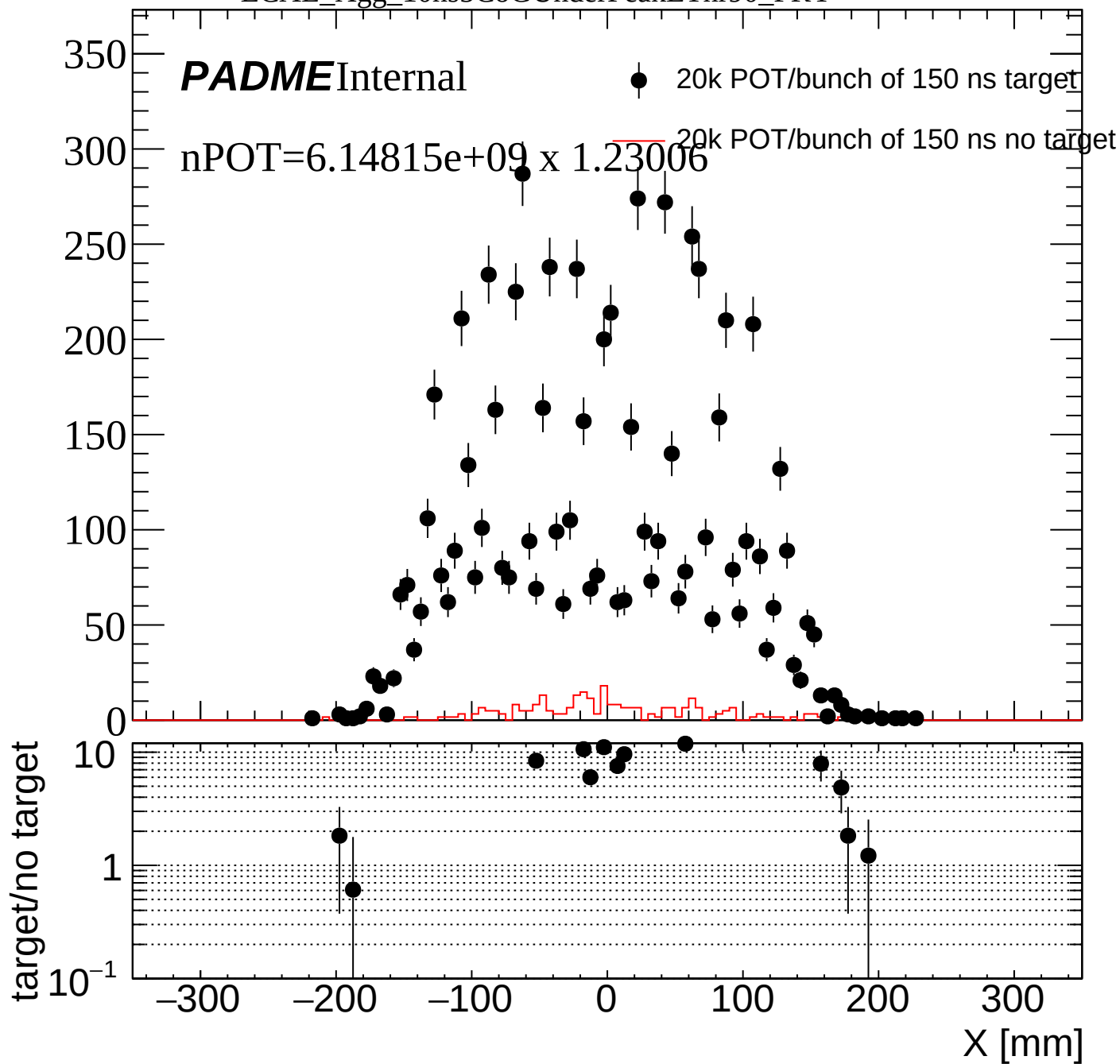
20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

X [mm]





ECAL_Xgg_10ns5CoGEThr90

PADMEInternal

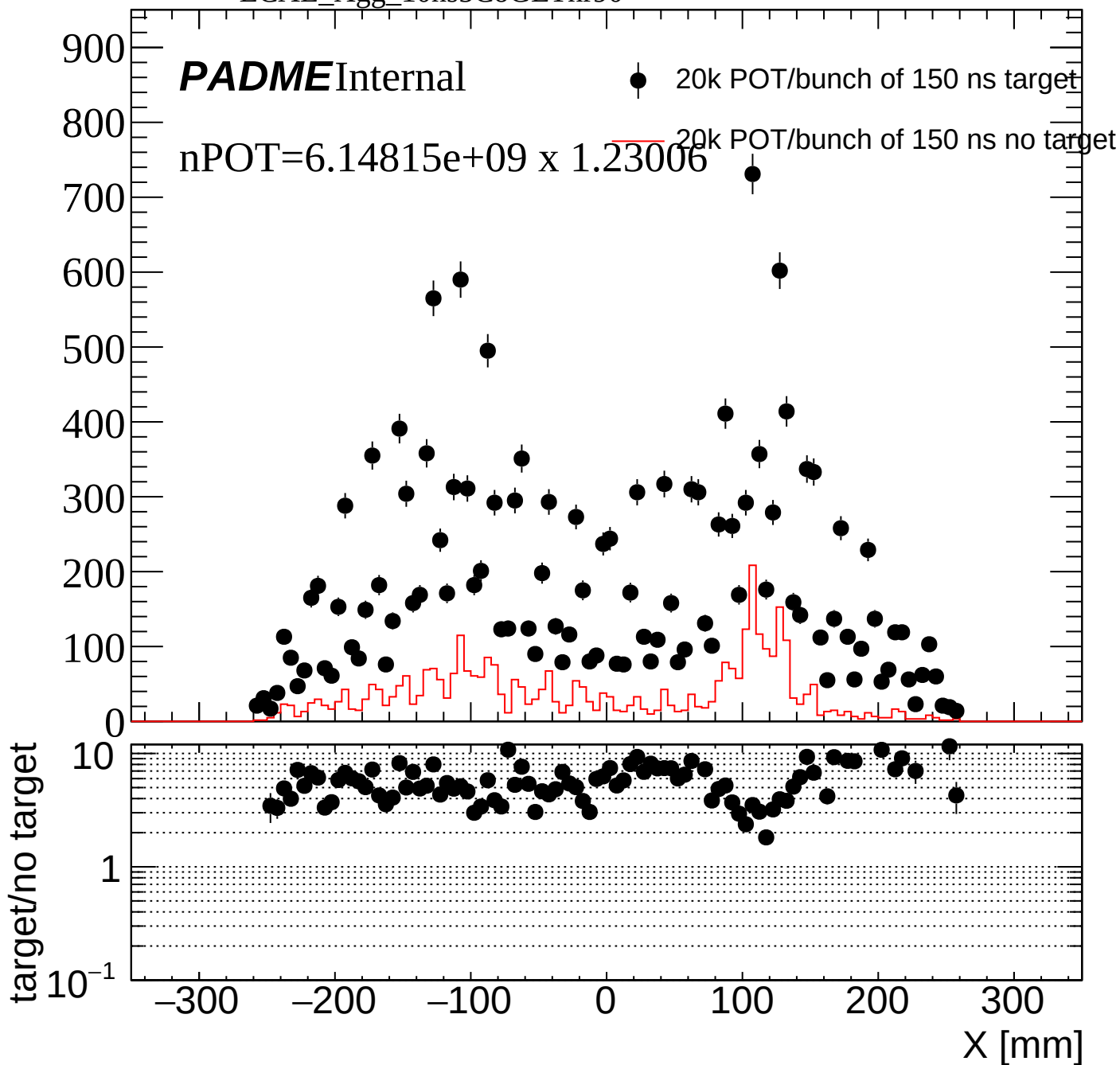
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

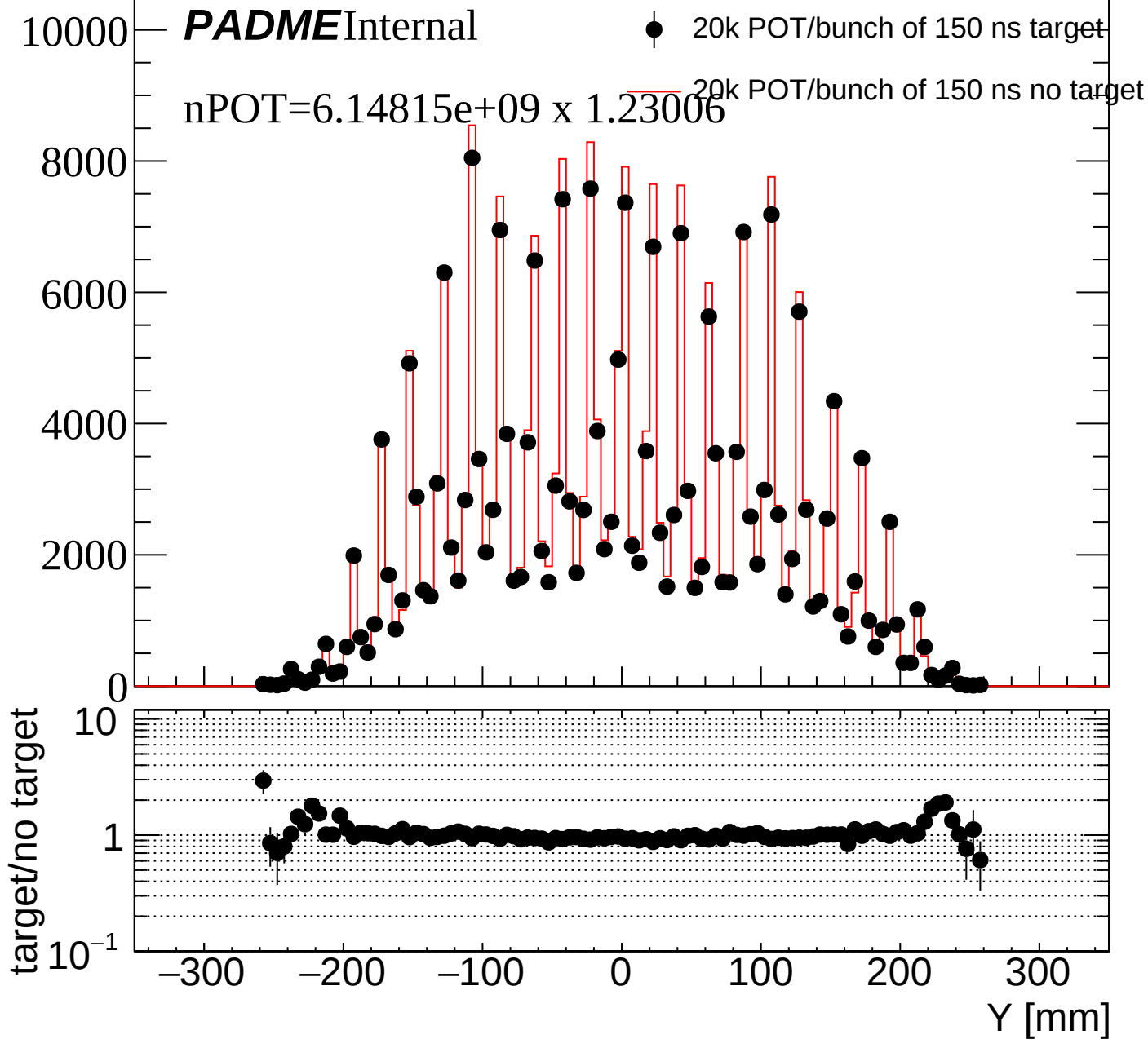
20k POT/bunch of 150 ns no target

target/no target

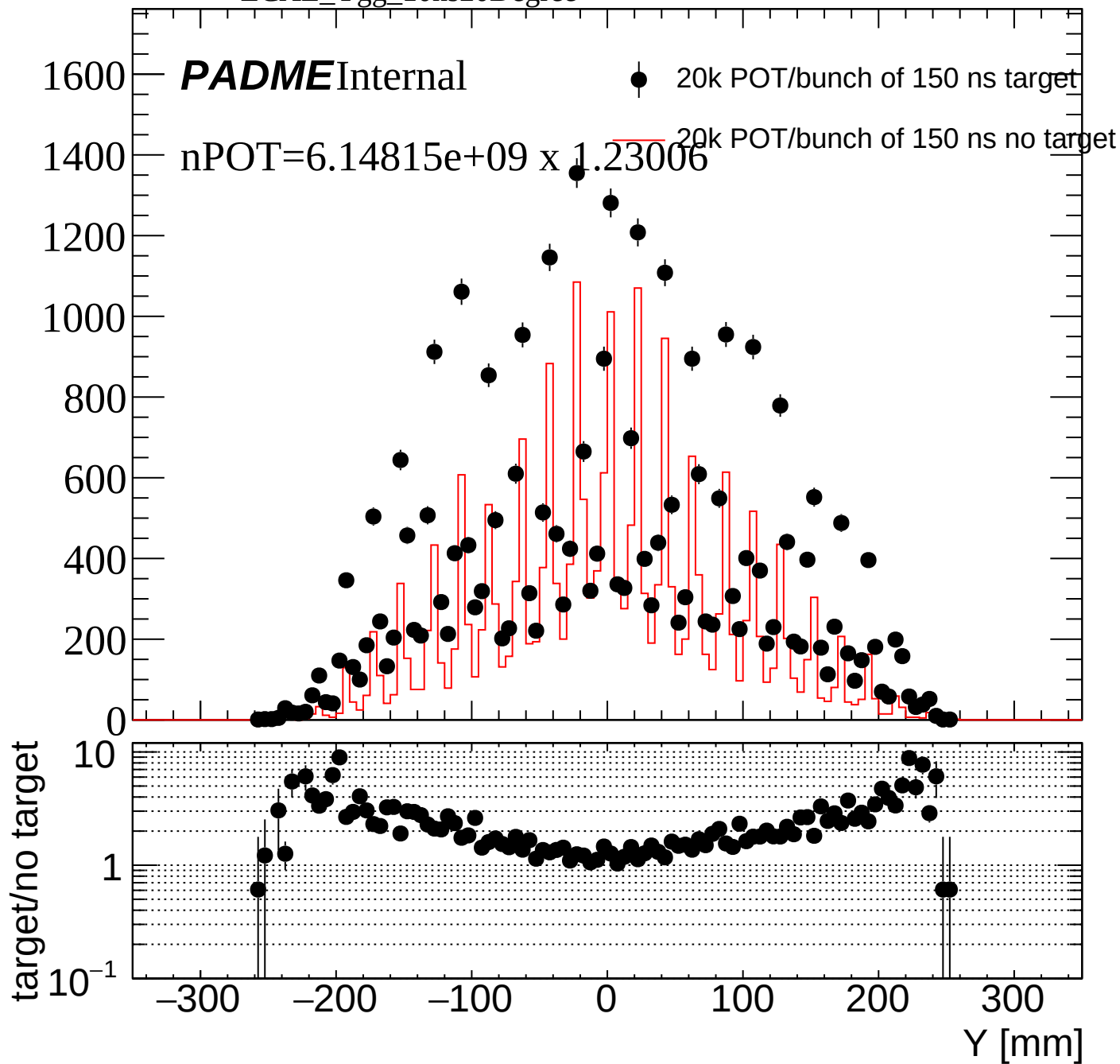
X [mm]



ECAL_Ygg_10ns



ECAL_Ygg_10ns20Degree



ECAL_Ygg_10ns20DegreeDeltaTheta

PADMEInternal

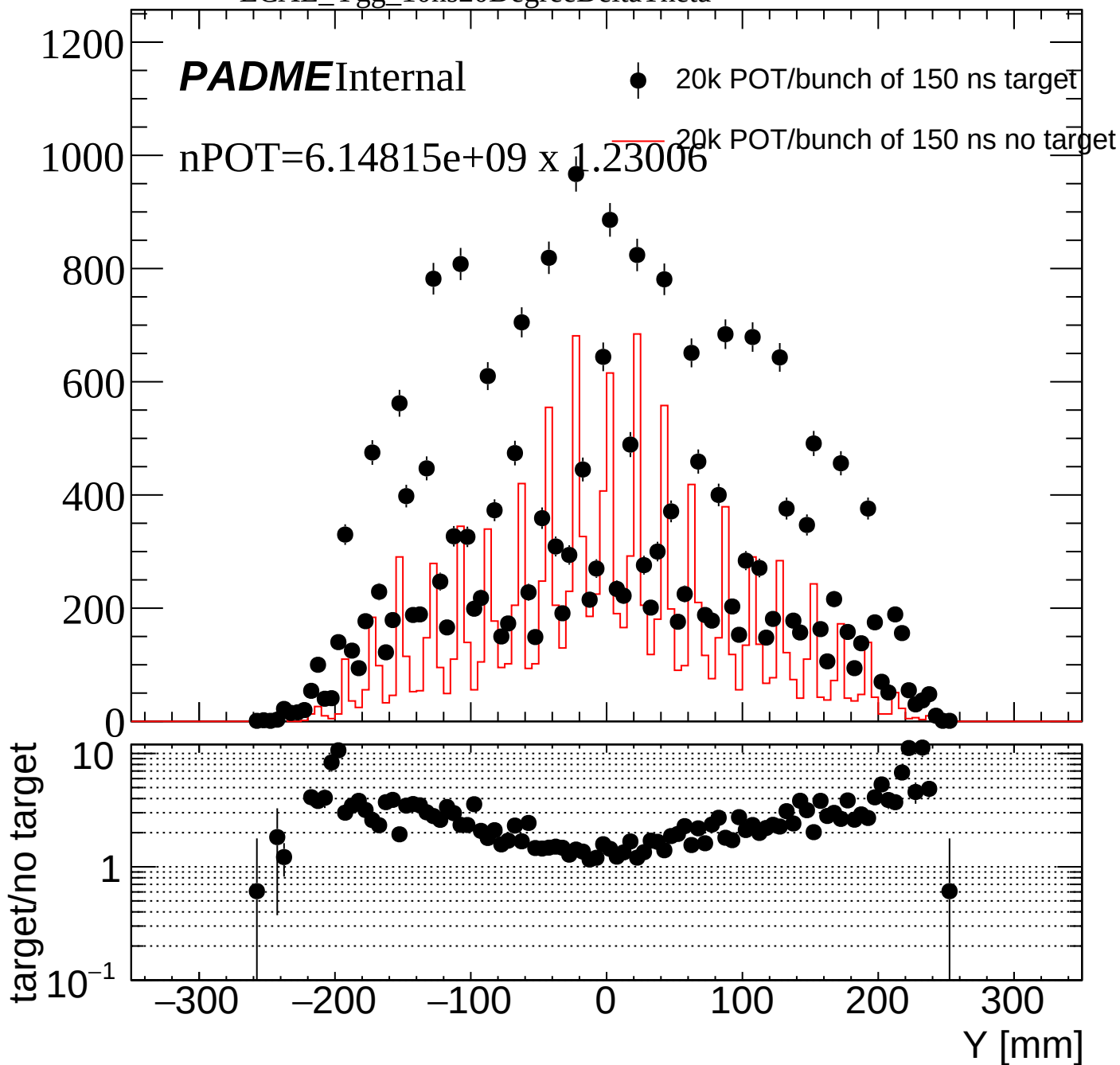
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/
no target

Y [mm]



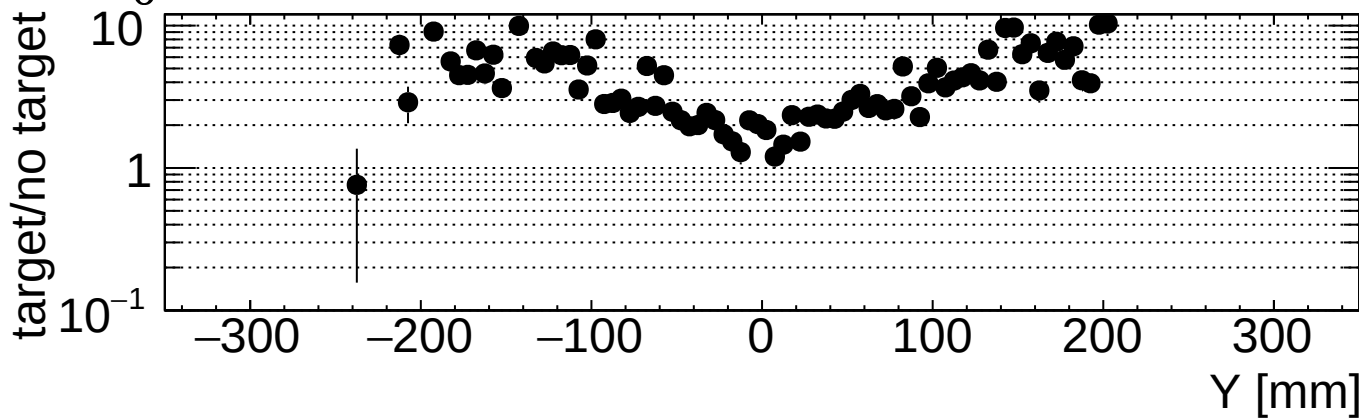
ECAL_Ygg_10ns5DegreeDeltaTheta

PADMEInternal

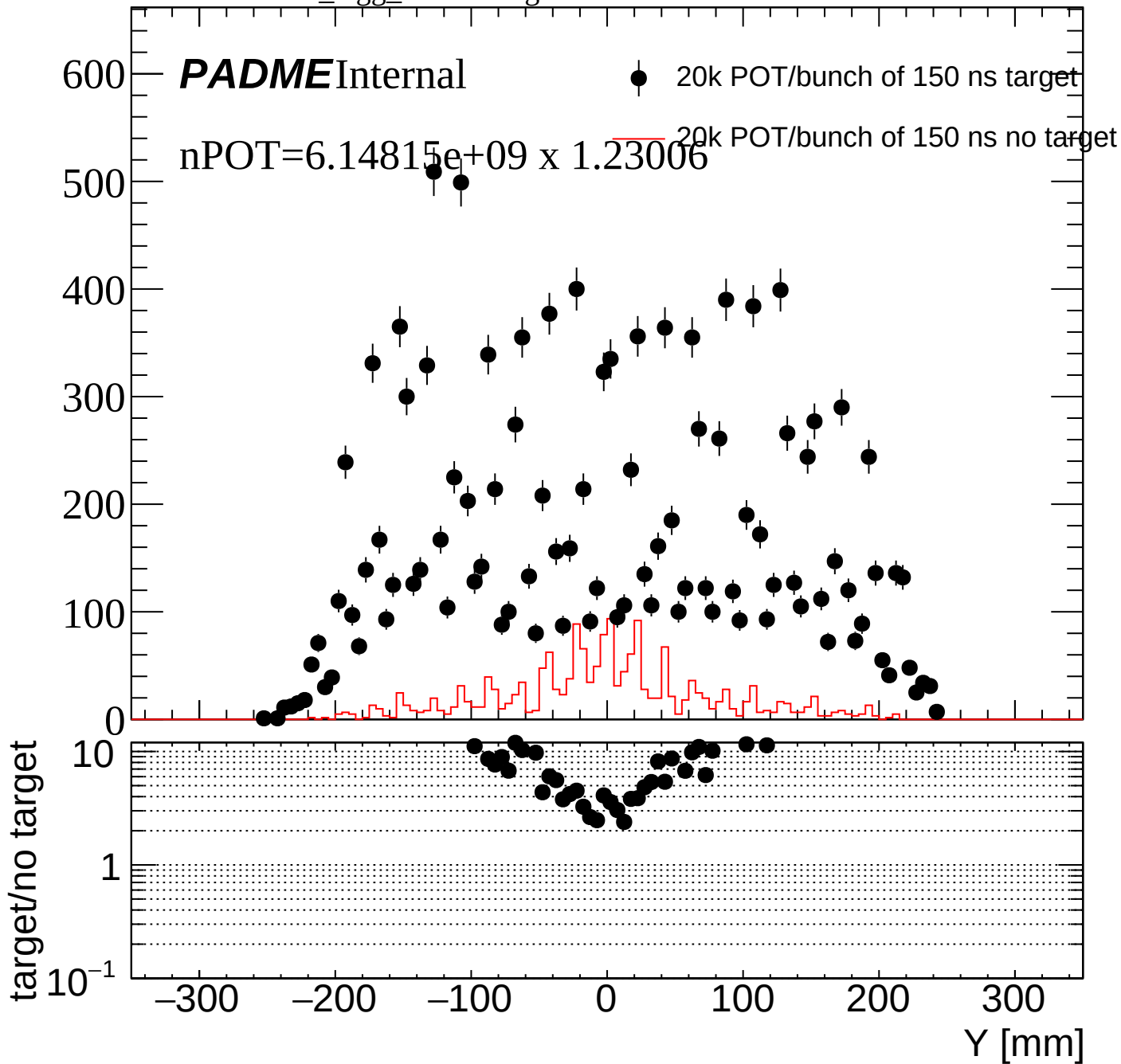
nPOT=6.14815e+09 x 1.23006

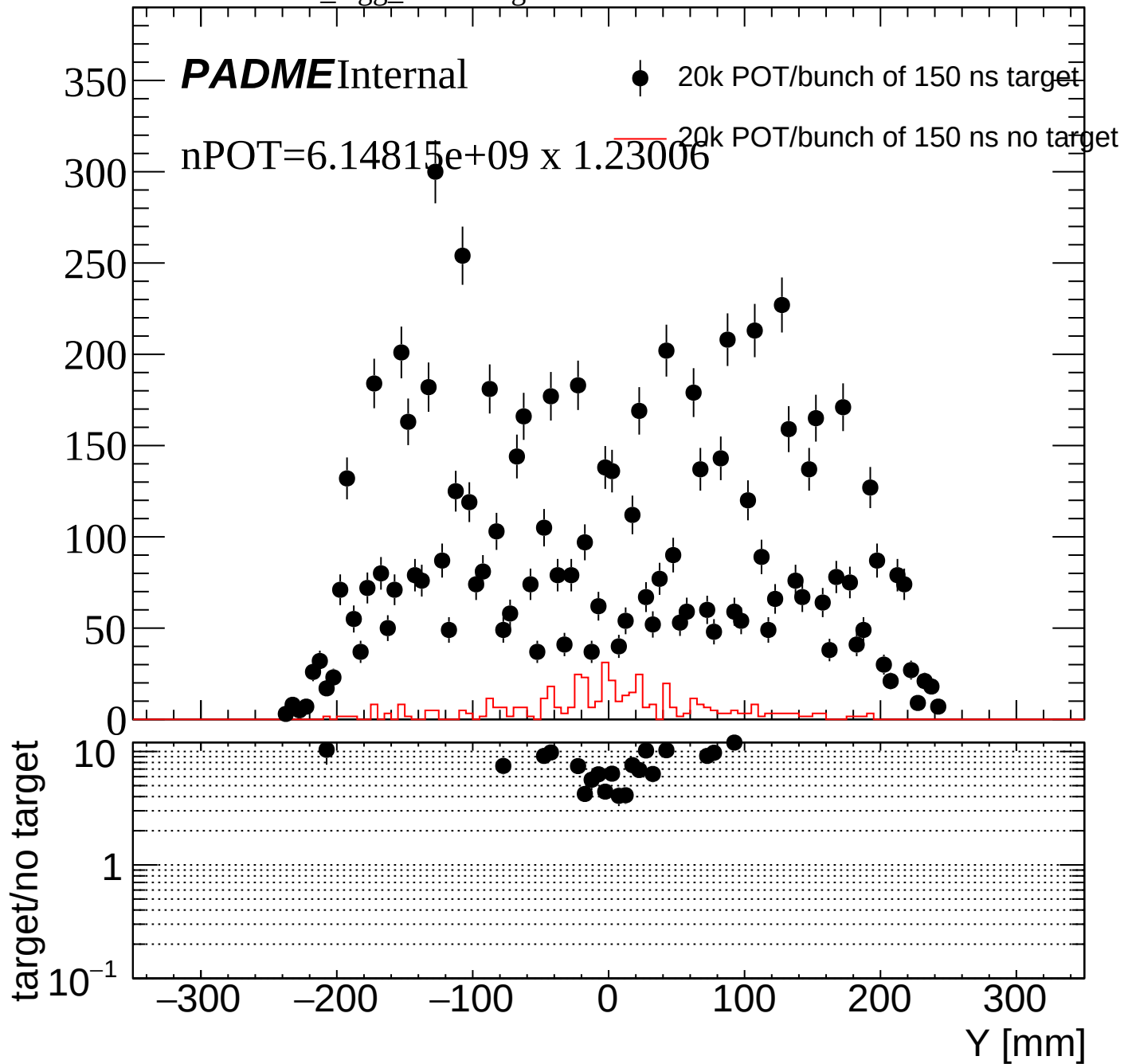
20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target



ECAL_Ygg_10ns20DegreeDeltaThetaUnderPeak





ECAL_Ygg_10ns20DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

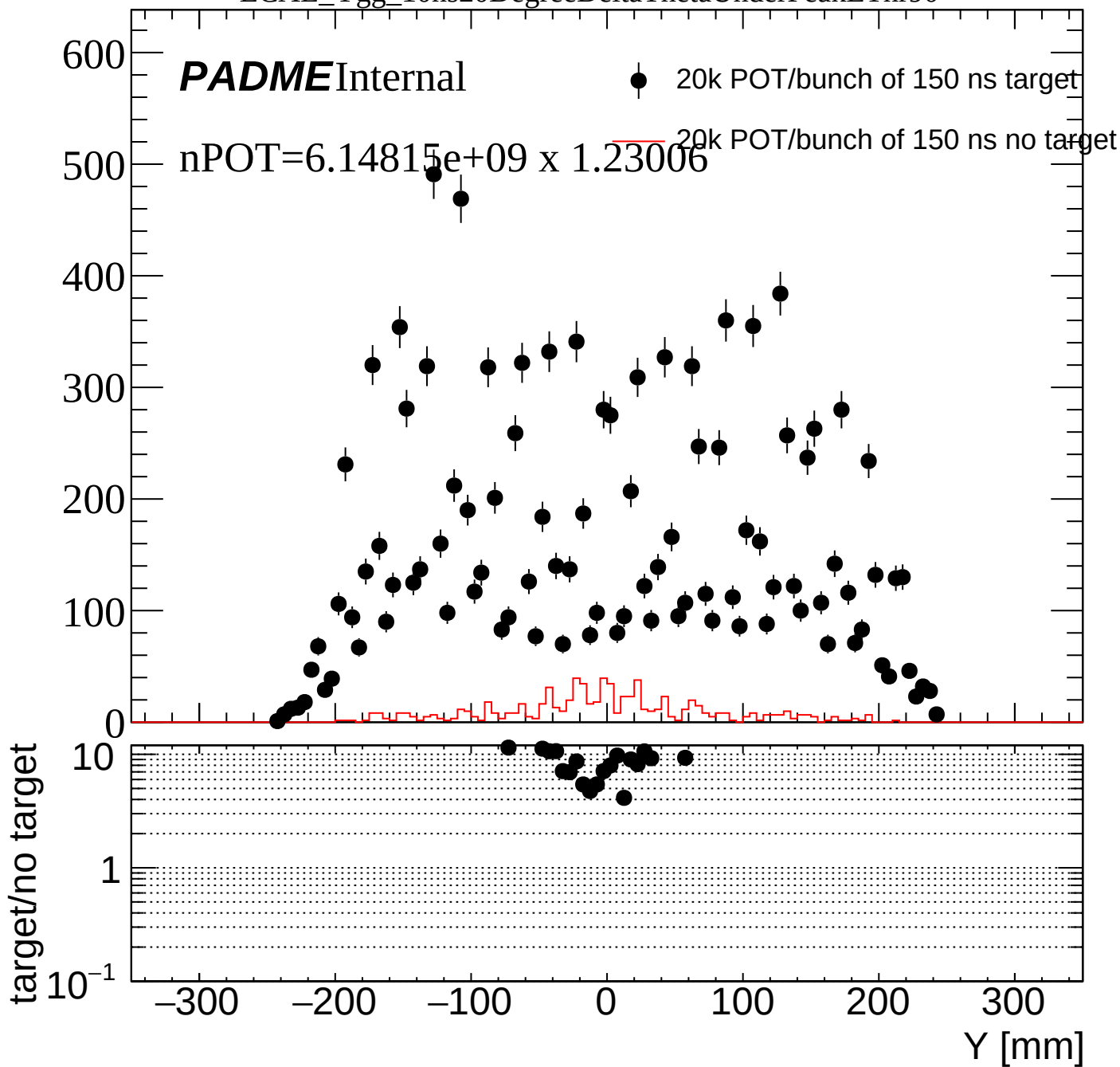
nPOT=6.14815e+09 x 1.23006

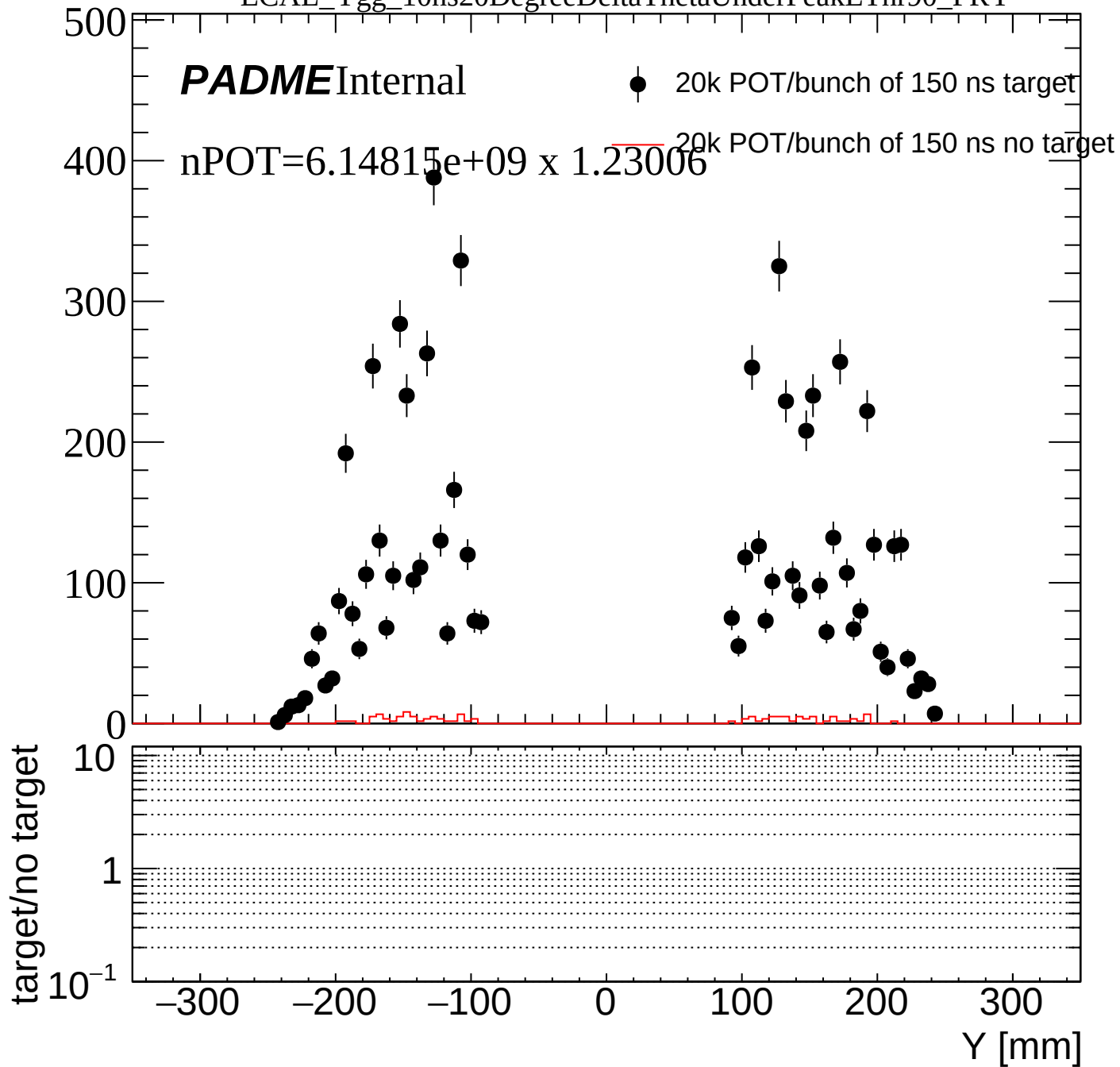
20k POT/bunch of 150 ns target

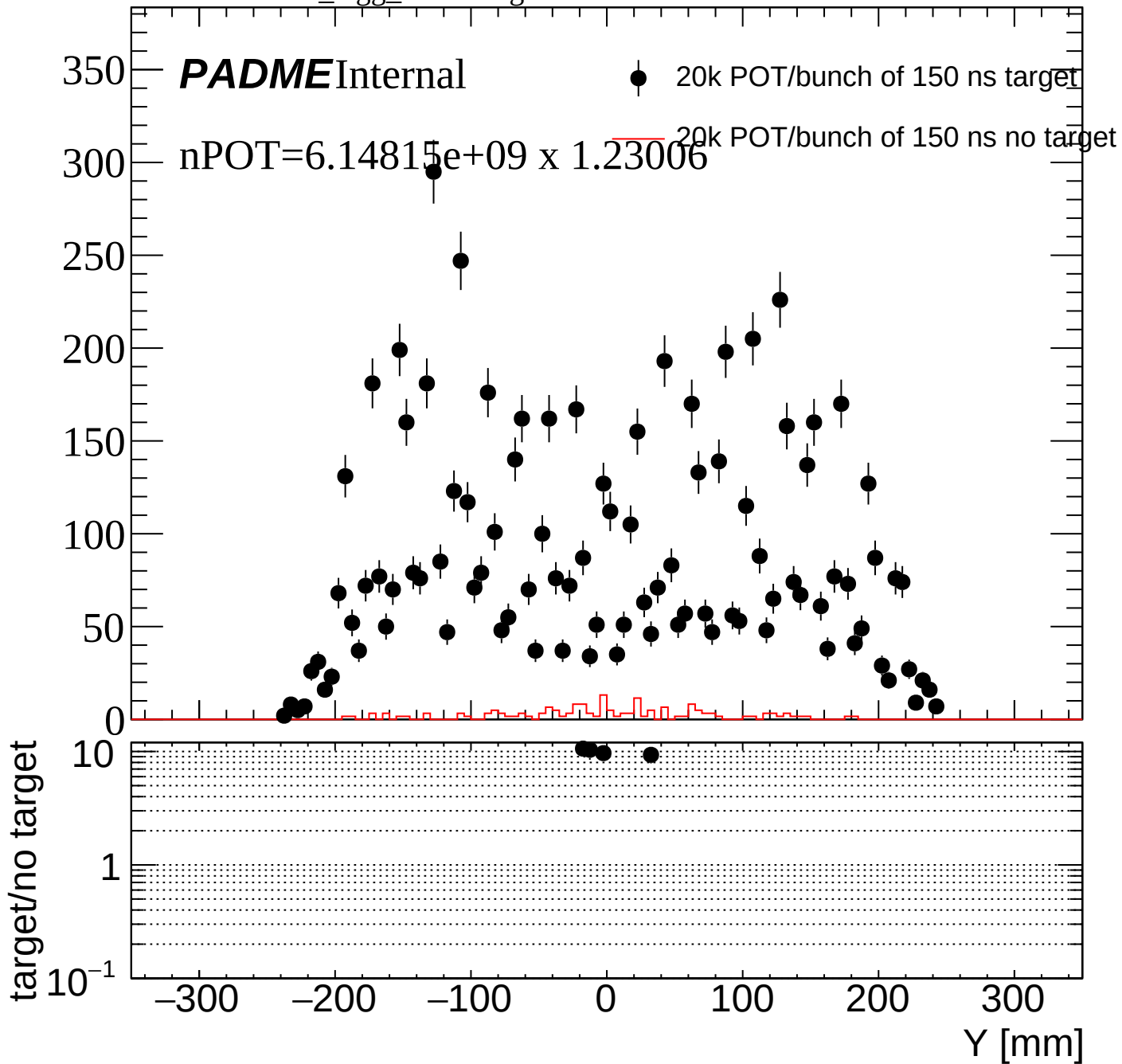
20k POT/bunch of 150 ns no target

target/no target

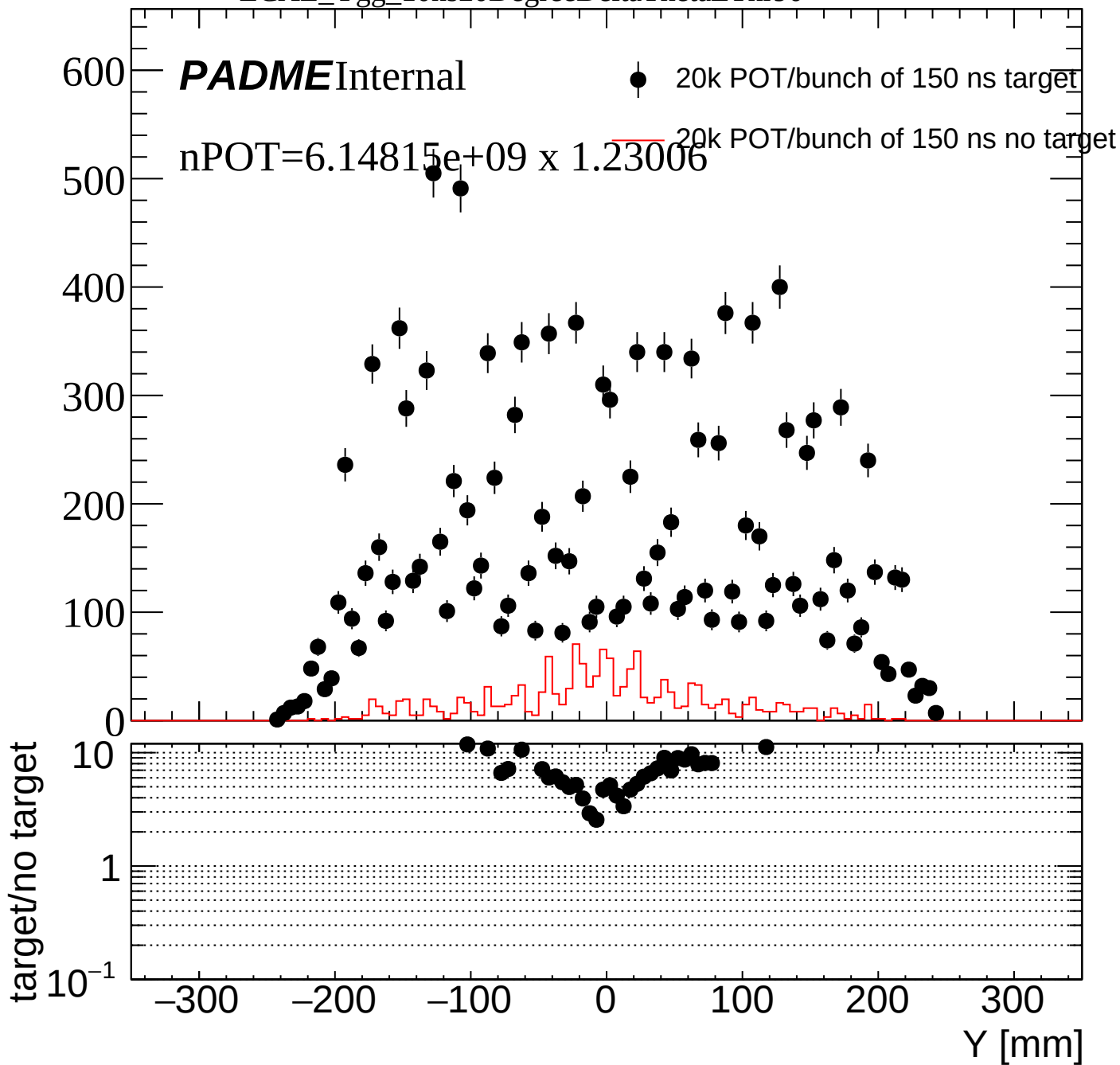
Y [mm]

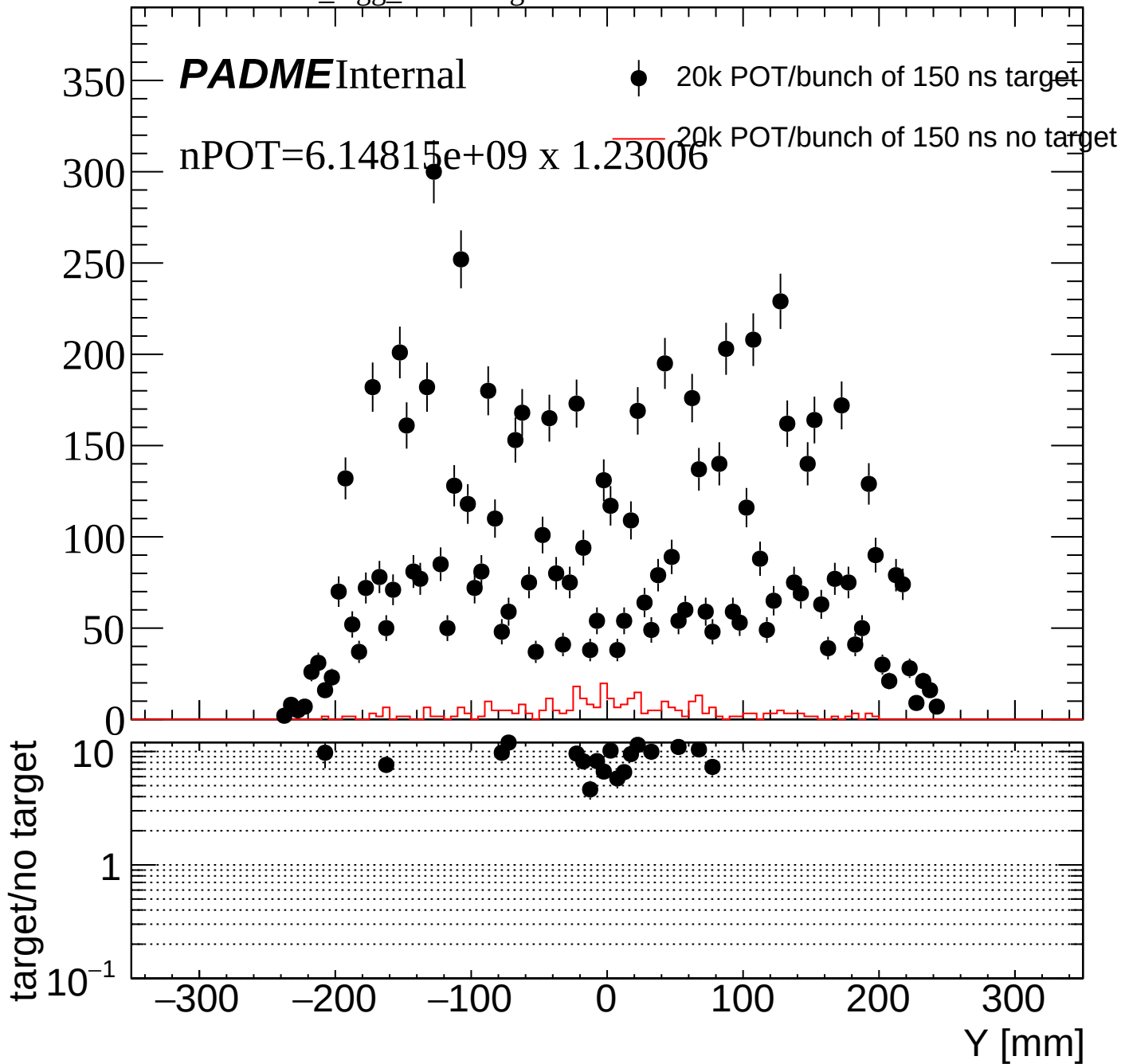






ECAL_Ygg_10ns20DegreeDeltaThetaEThr90





ECAL_Ygg_10ns1CoG

PADMEInternal

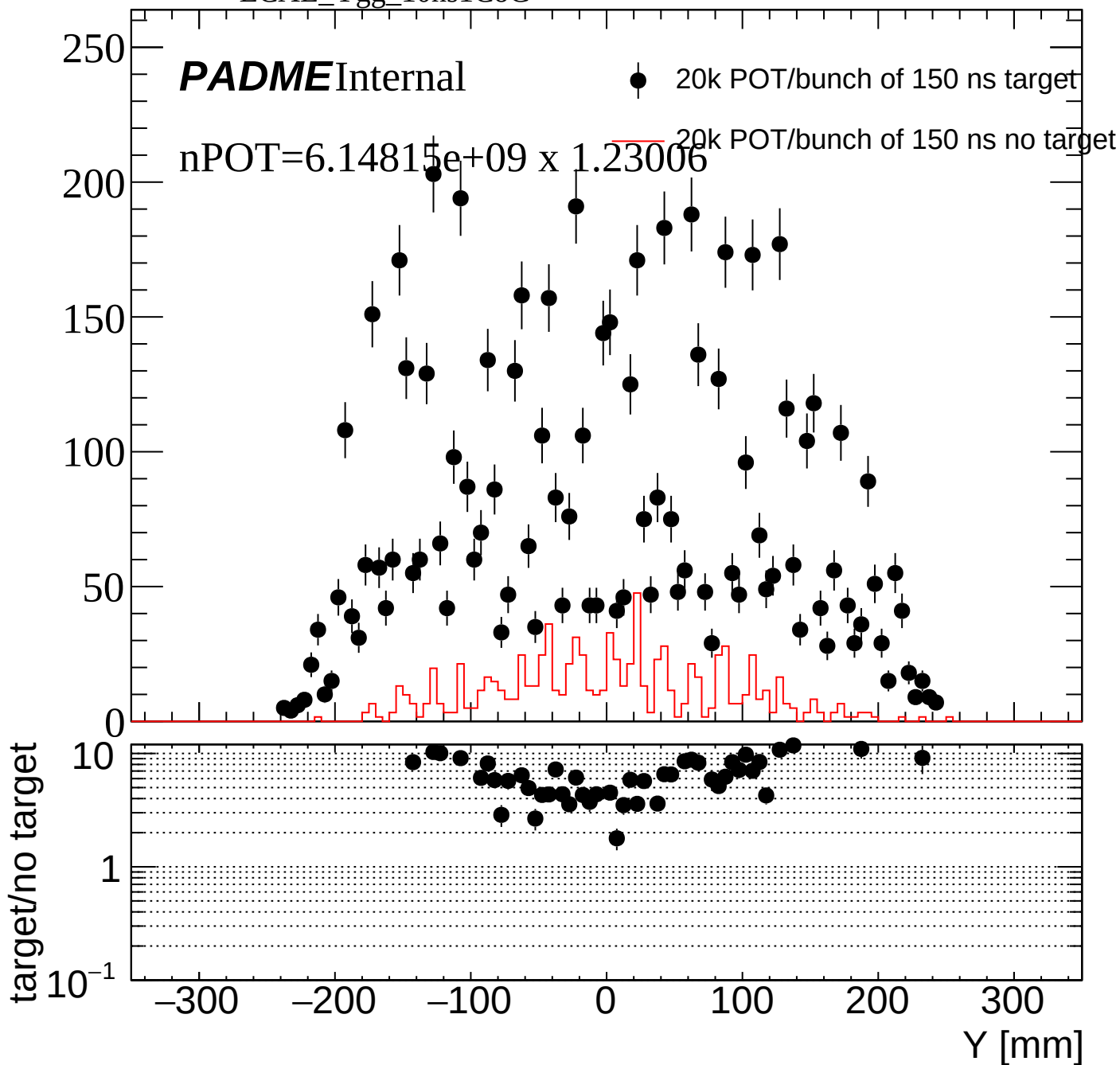
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

Y [mm]



ECAL_Ygg_10ns1CoGUnderPeak

PADMEInternal

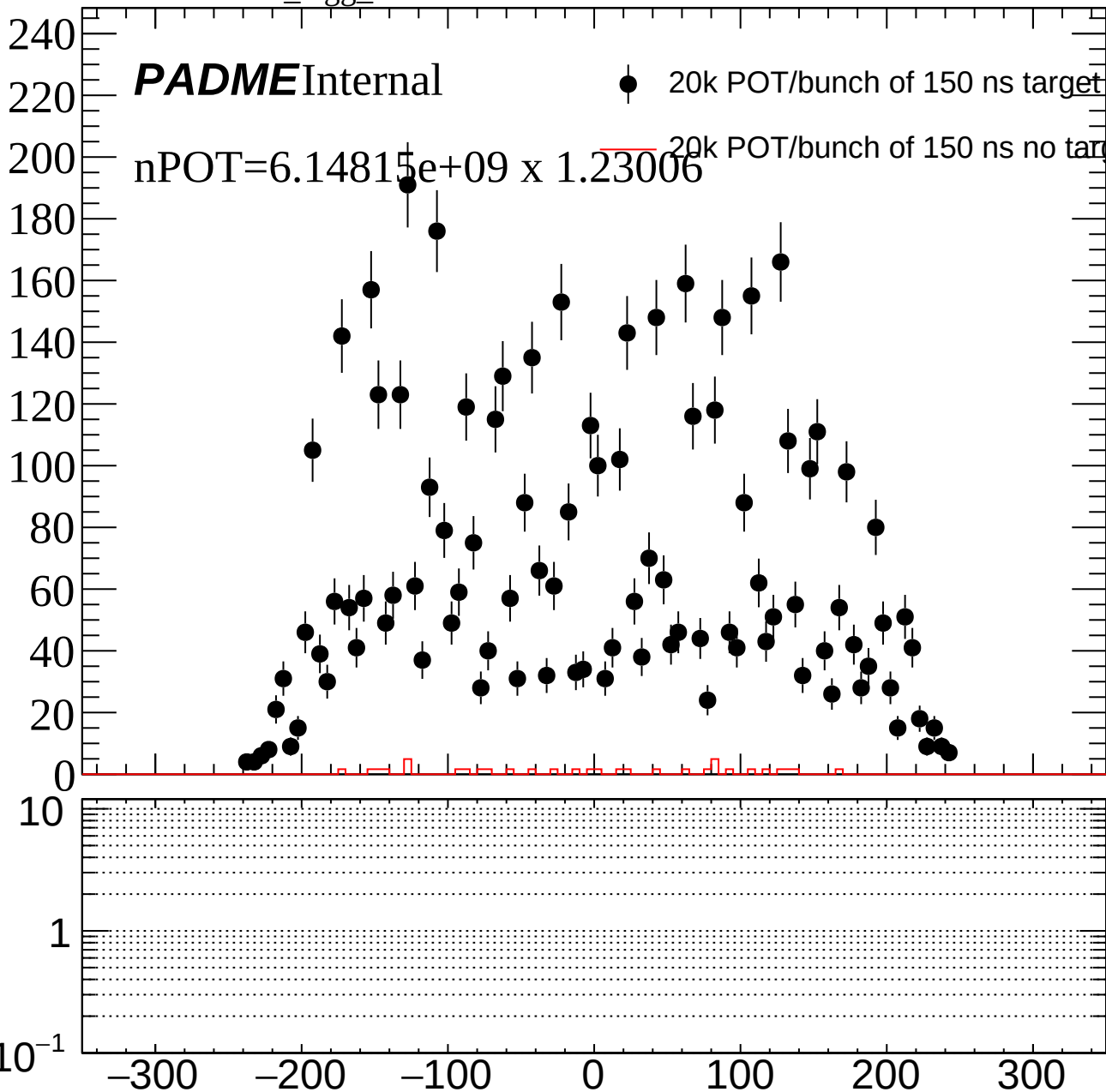
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

Y [mm]



ECAL_Ygg_10ns1CoGUnderPeakEThr90

PADMEInternal

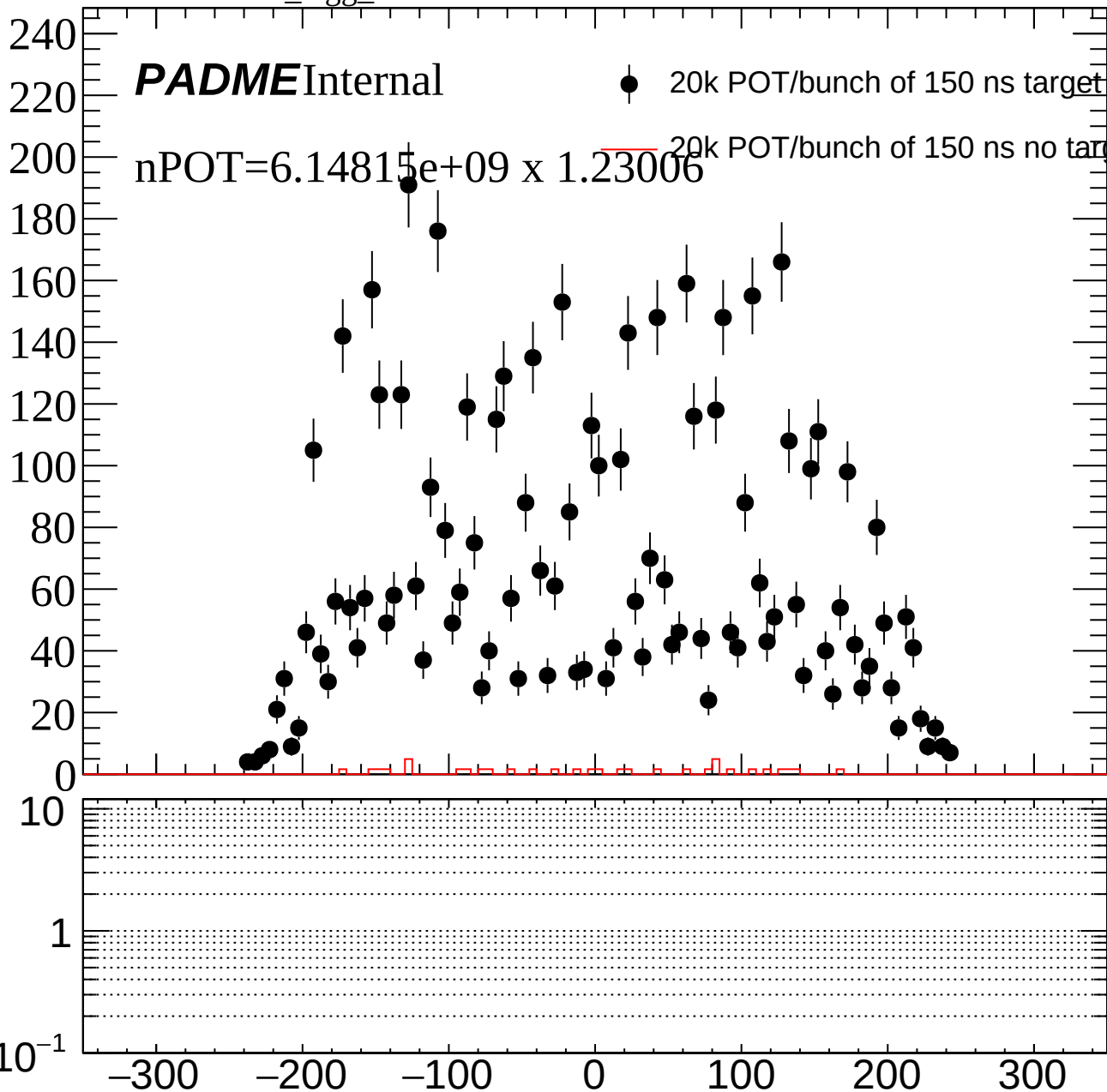
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

Y [mm]



ECAL_Ygg_10ns1CoGEThr90

PADMEInternal

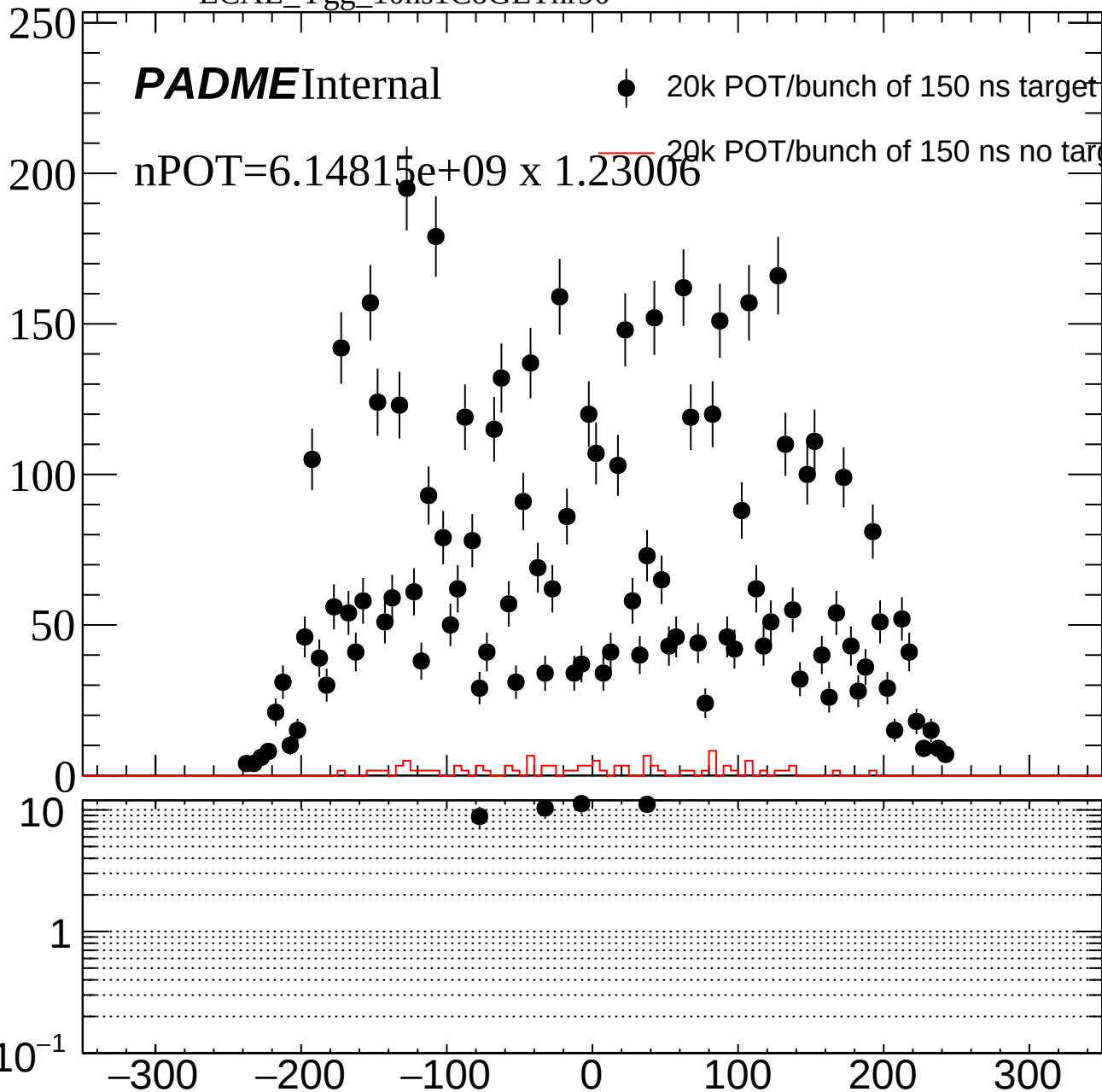
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

Y [mm]



ECAL_Ygg_10ns1CoG20Degree

PADMEInternal

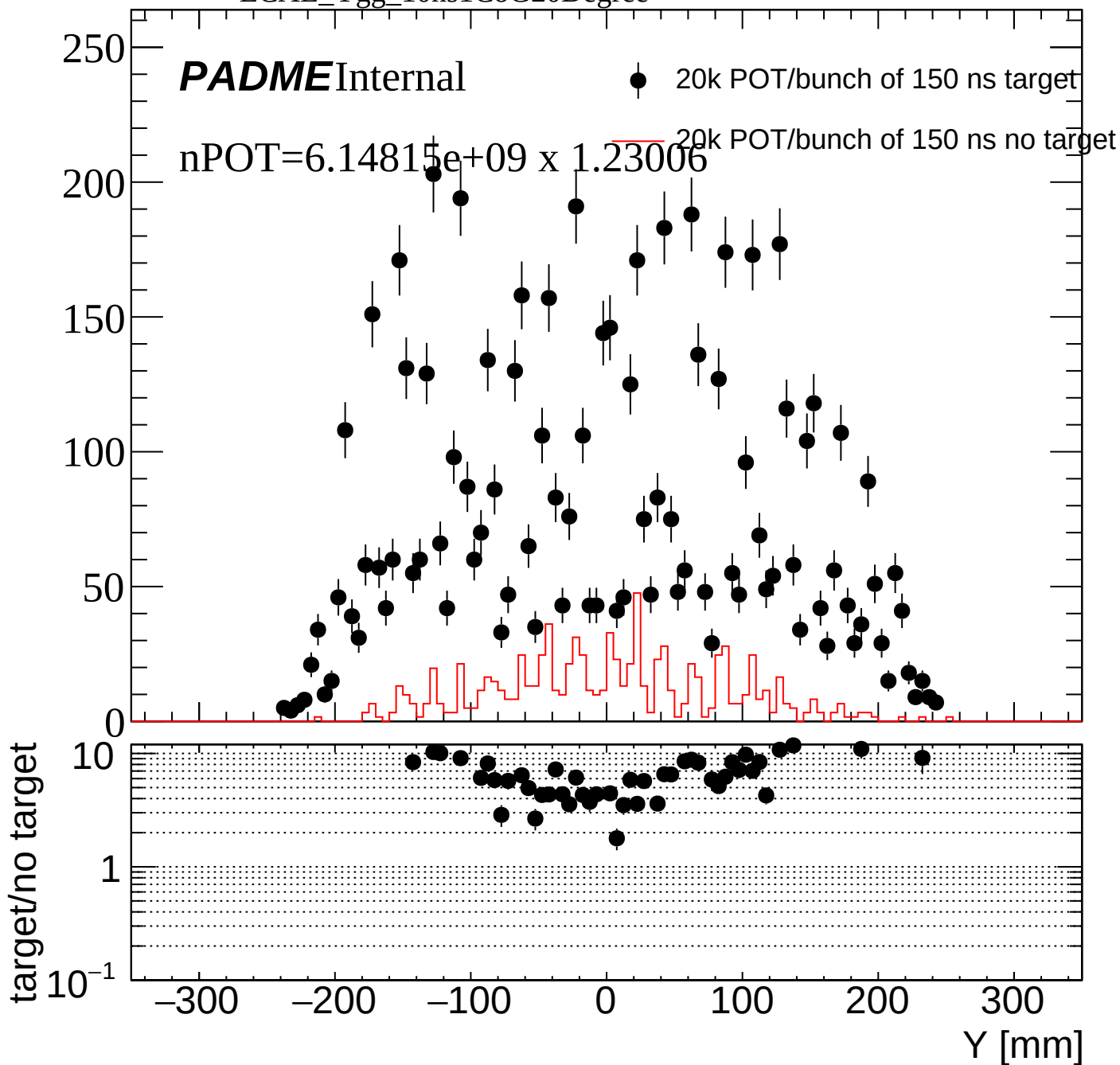
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

Y [mm]



ECAL_Ygg_10ns1CoG20DegreeDeltaTheta

PADMEInternal

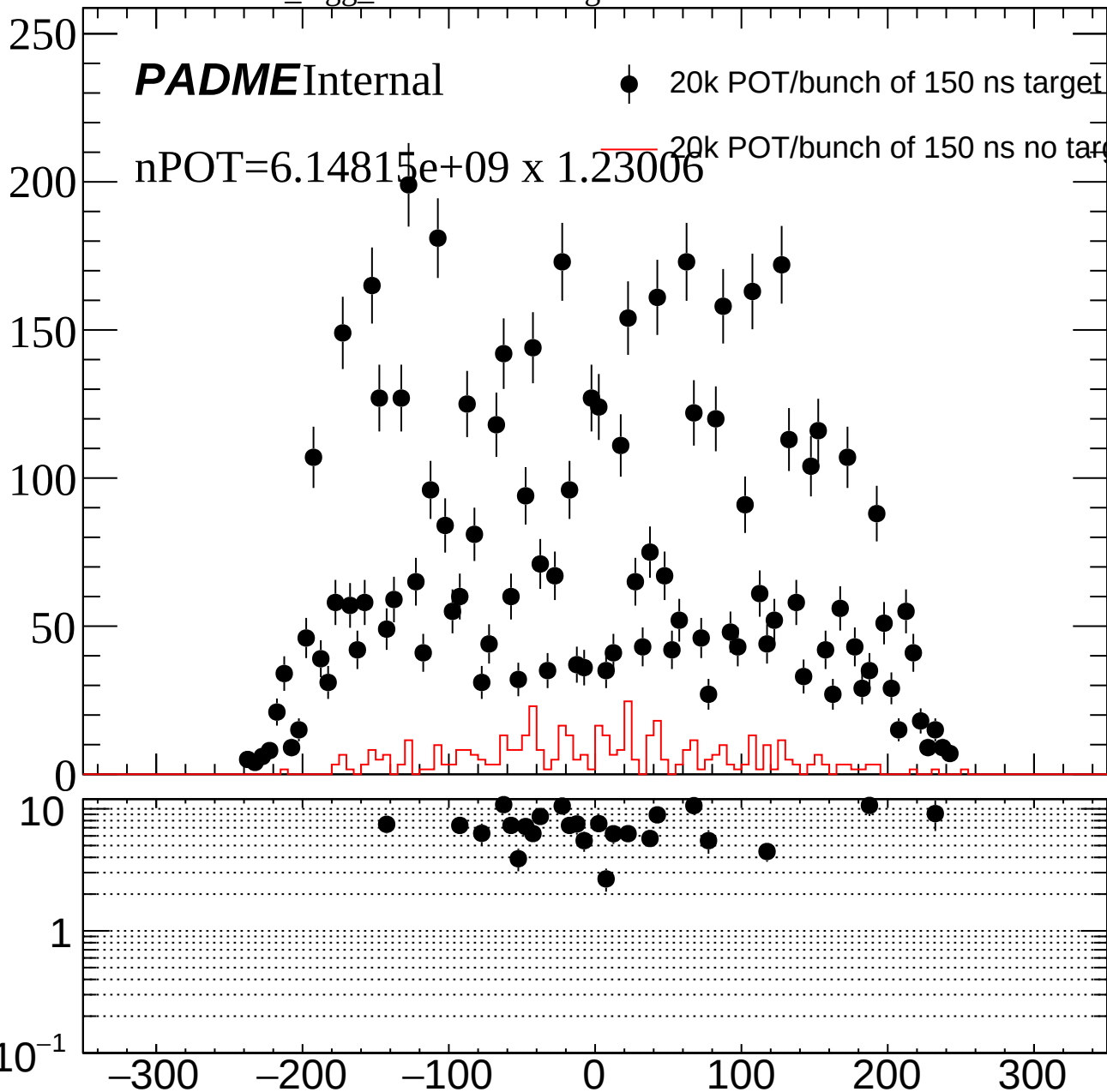
20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

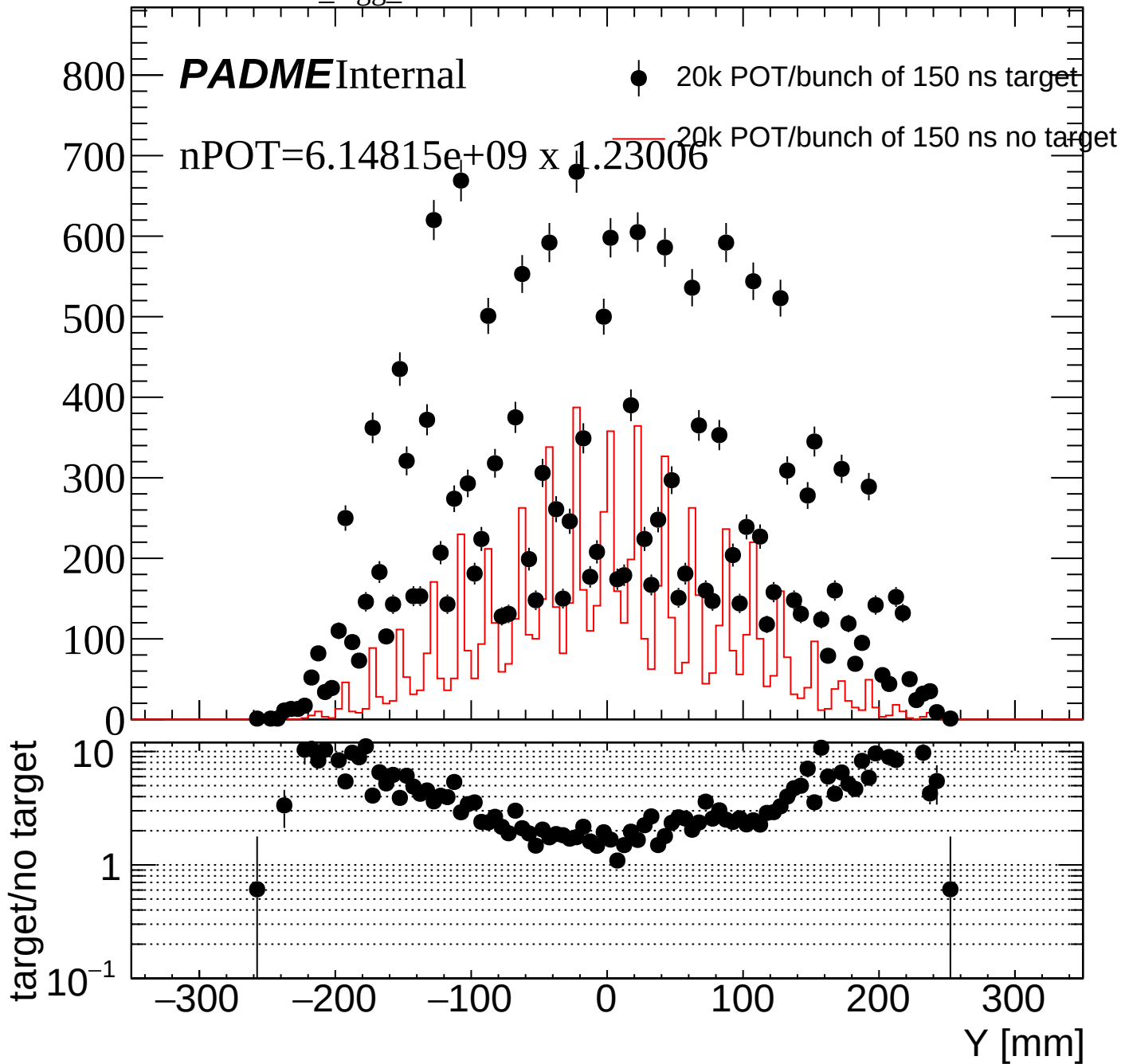
nPOT=6.14815e+09 x 1.23006

target/no target

Y [mm]



ECAL_Ygg_10ns3CoG



ECAL_Ygg_10ns3CoGUnderPeak

PADMEInternal

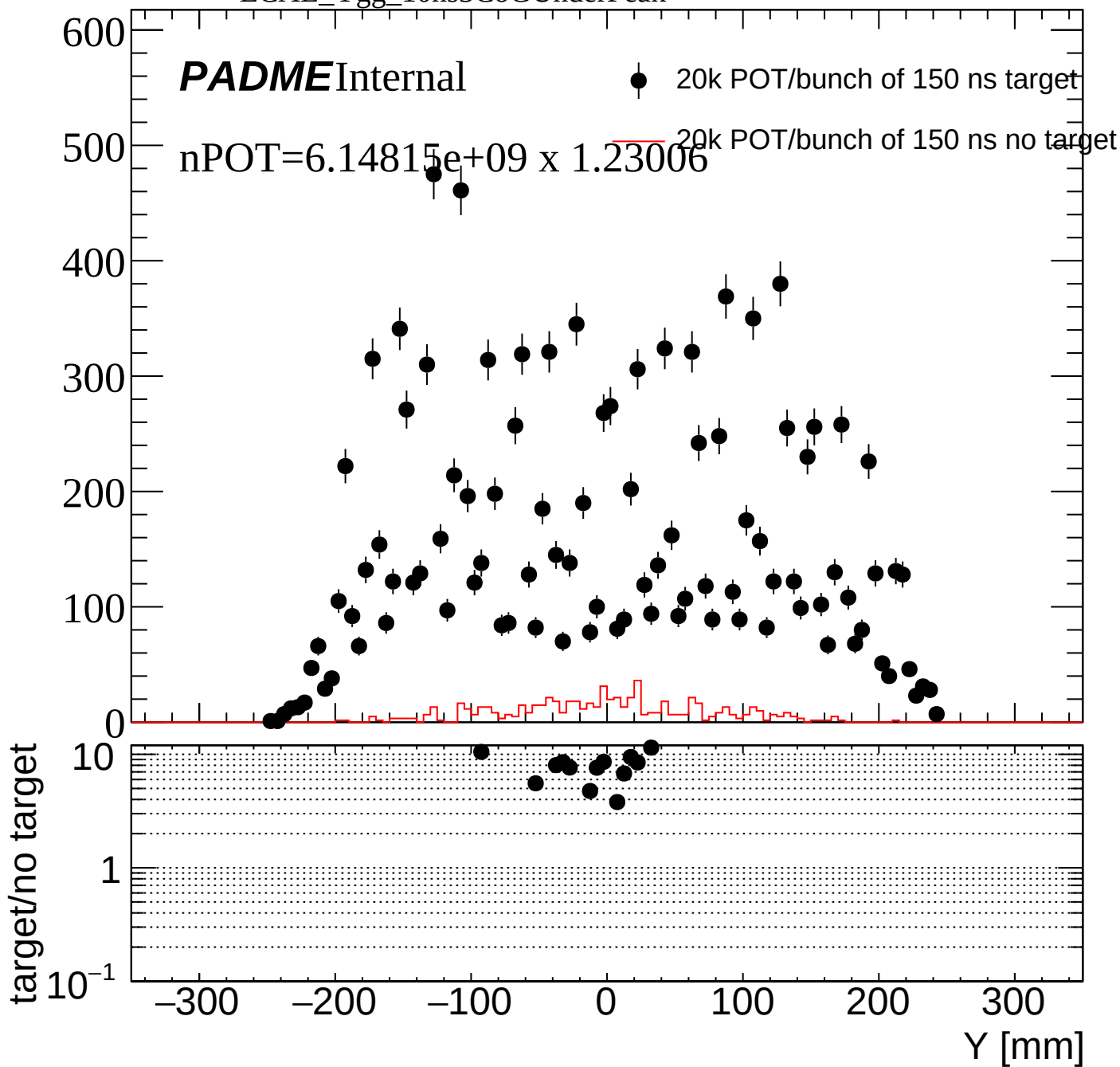
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

Y [mm]



ECAL_Ygg_10ns3CoGUnderPeakEThr90

PADMEInternal

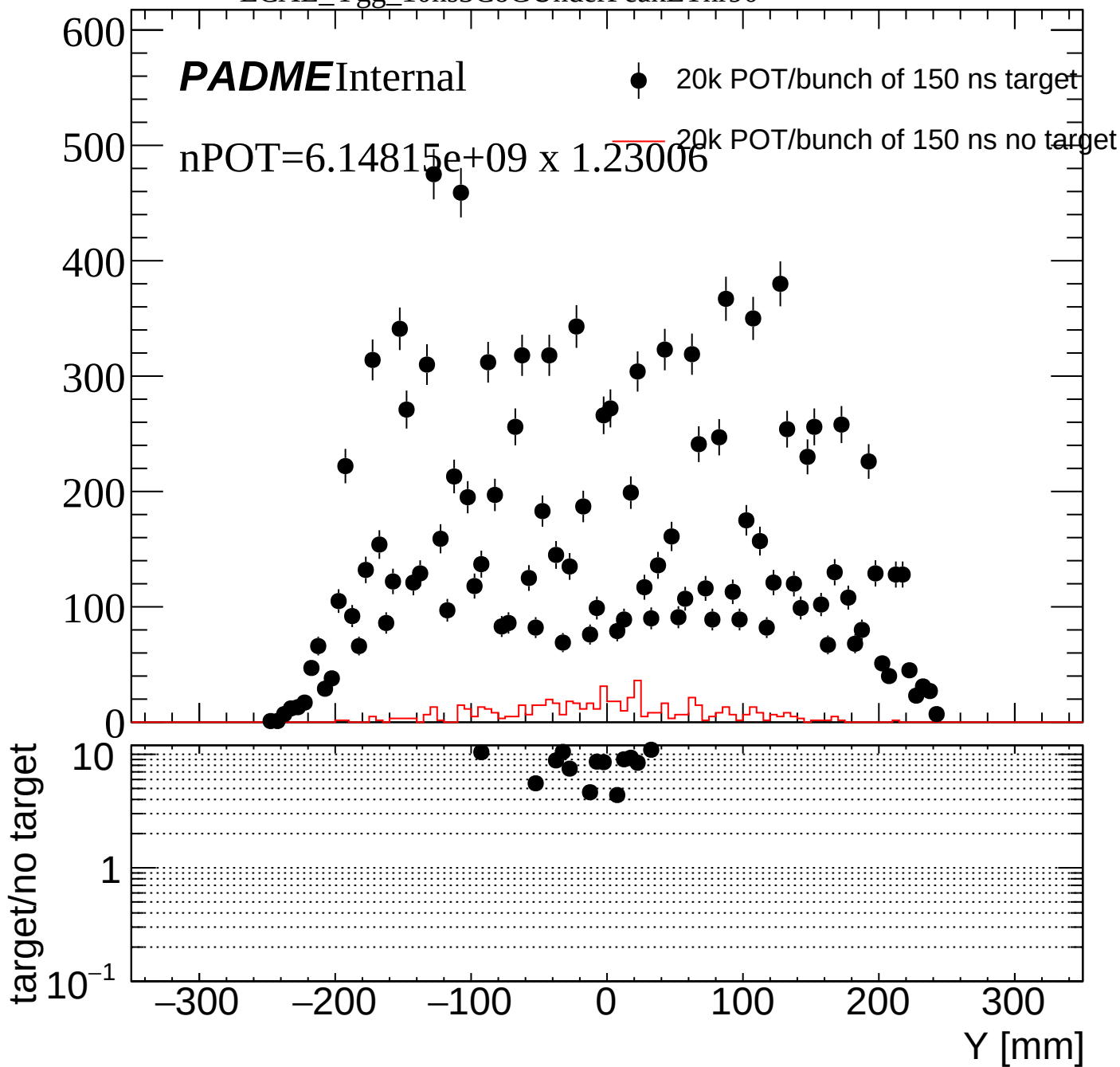
nPOT=6.14815e+09 x 1.23006

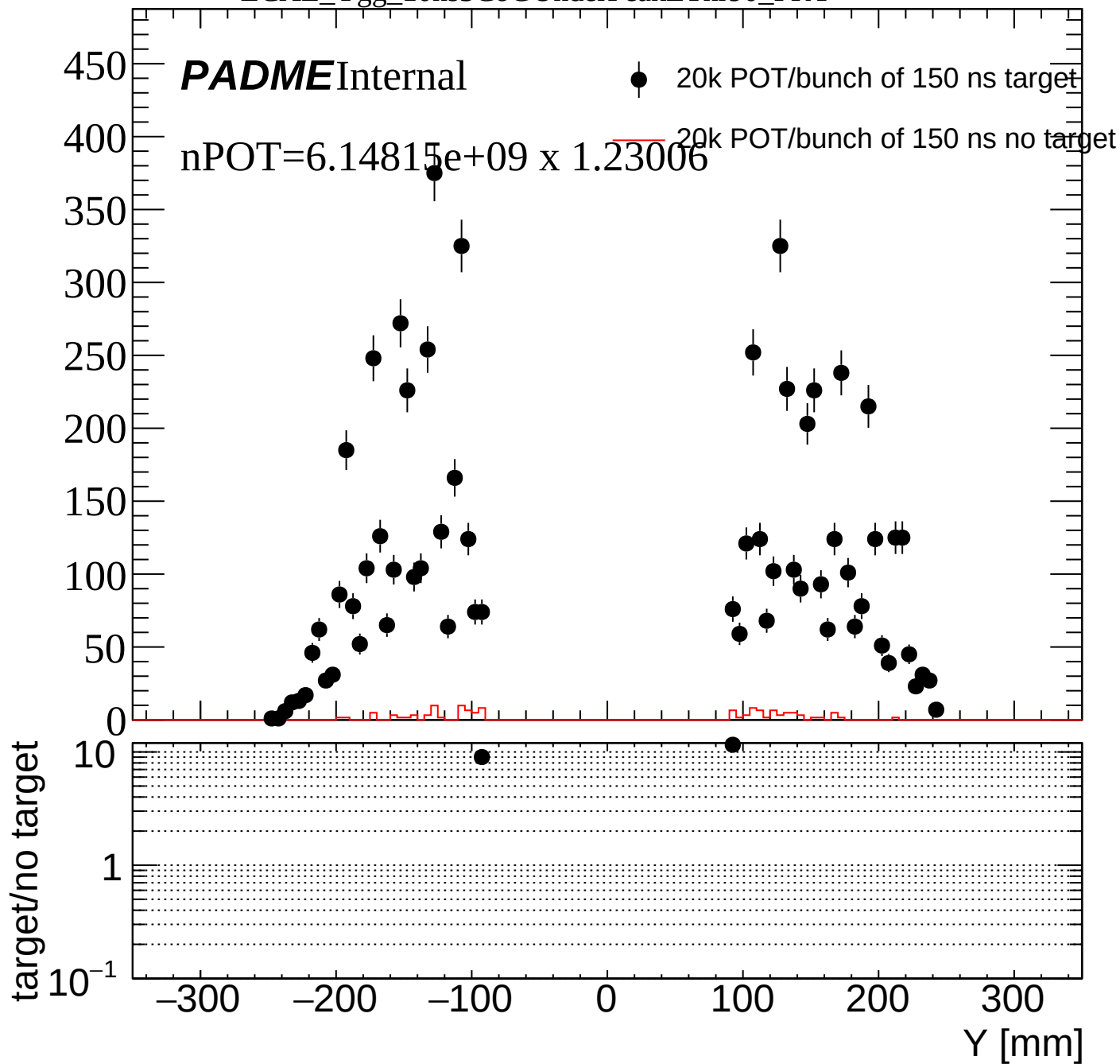
20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

Y [mm]





ECAL_Ygg_10ns3CoGEThr90

PADMEInternal

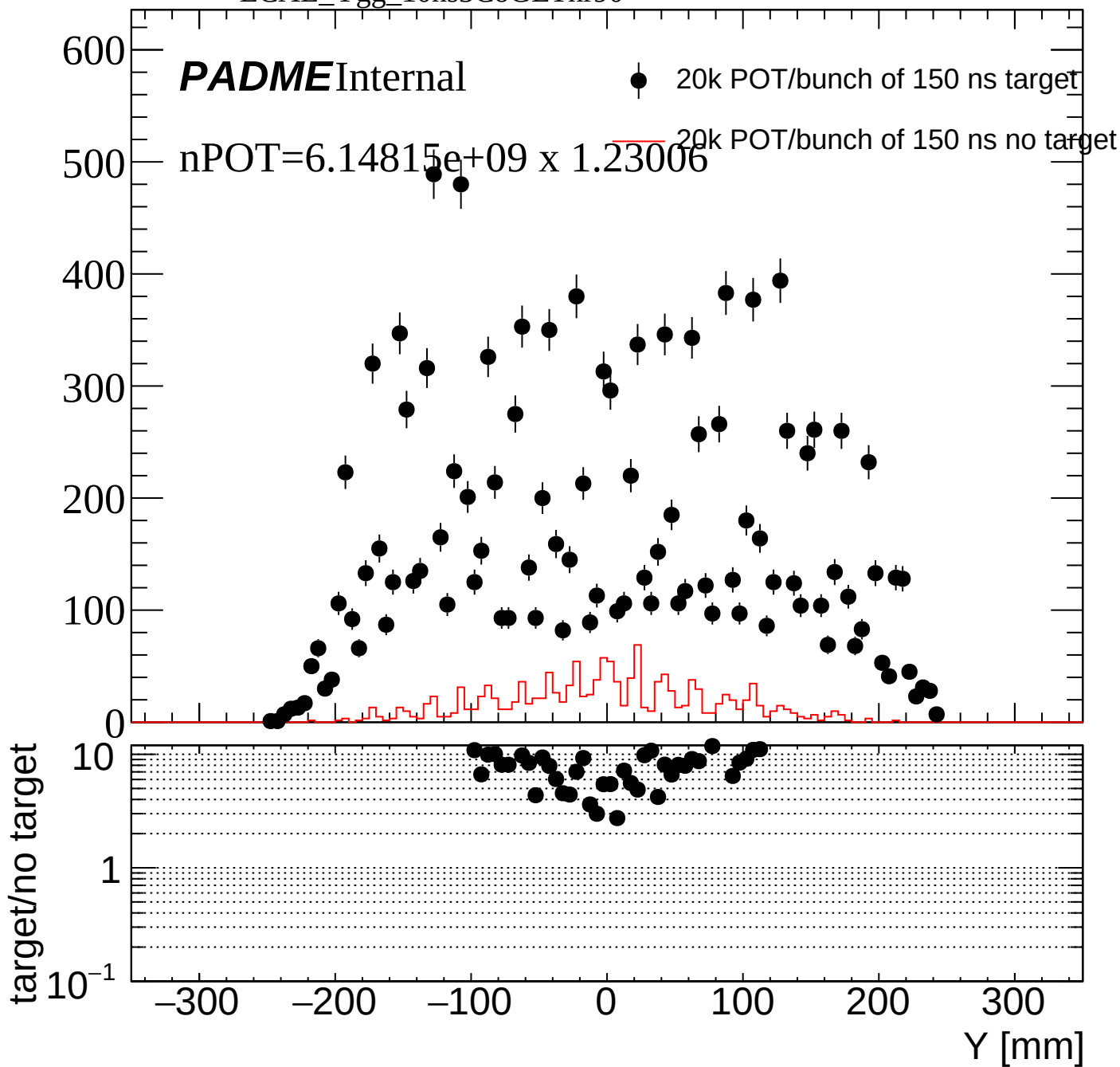
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

Y [mm]



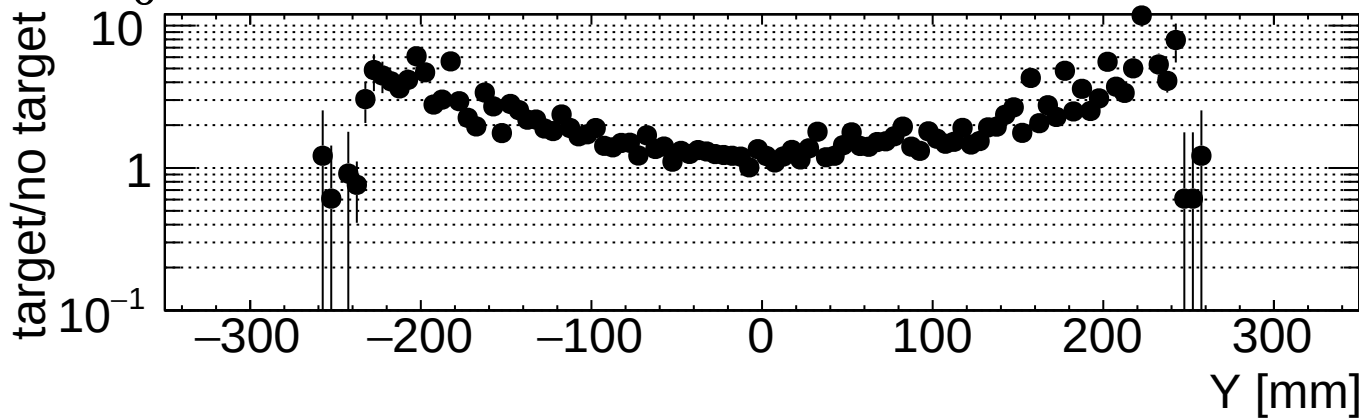
ECAL_Ygg_10ns5CoG

PADMEInternal

nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target



ECAL_Ygg_10ns5CoGUnderPeak

PADME Internal

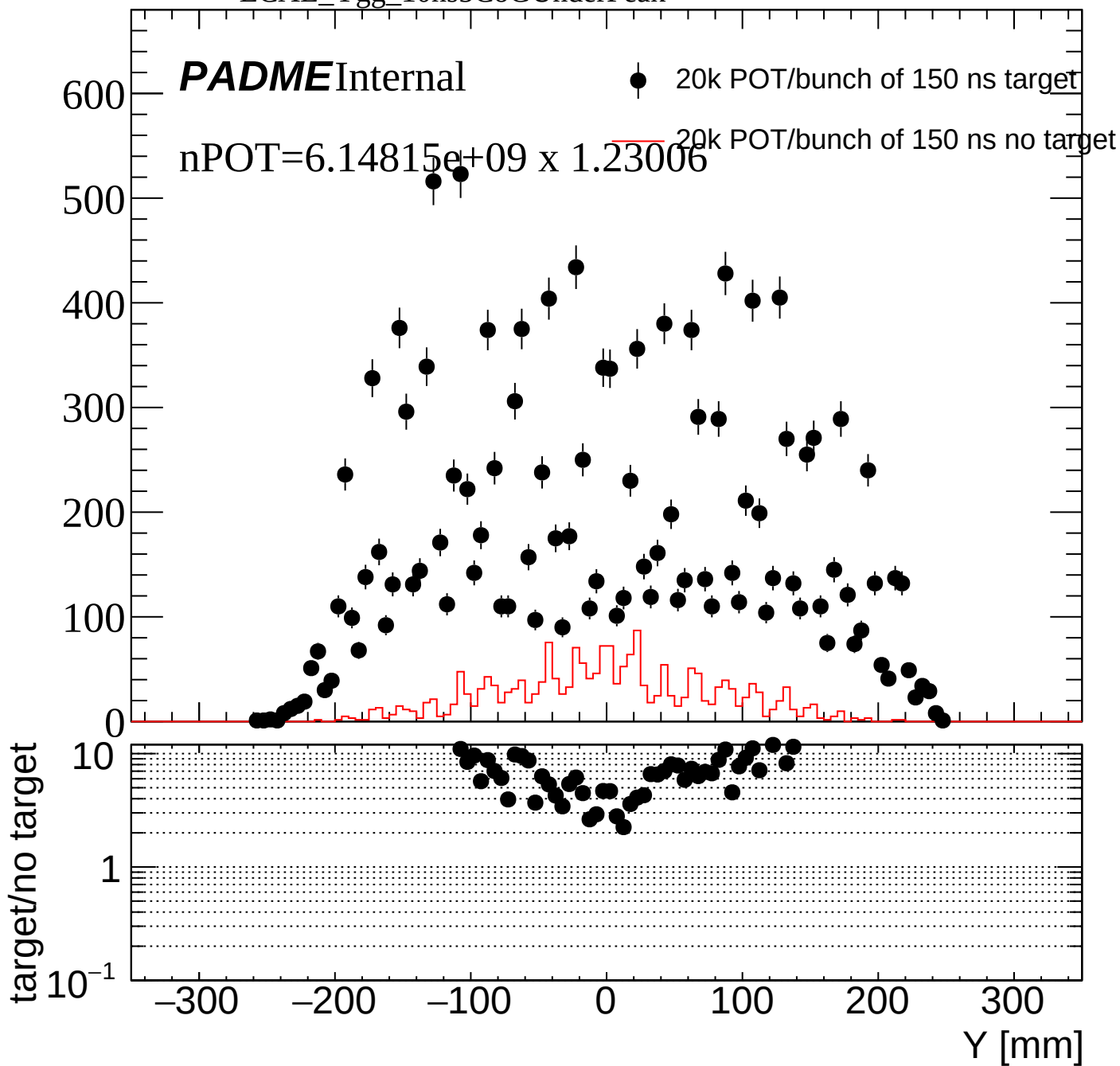
nPOT=6.14815e+09 x 1.23006

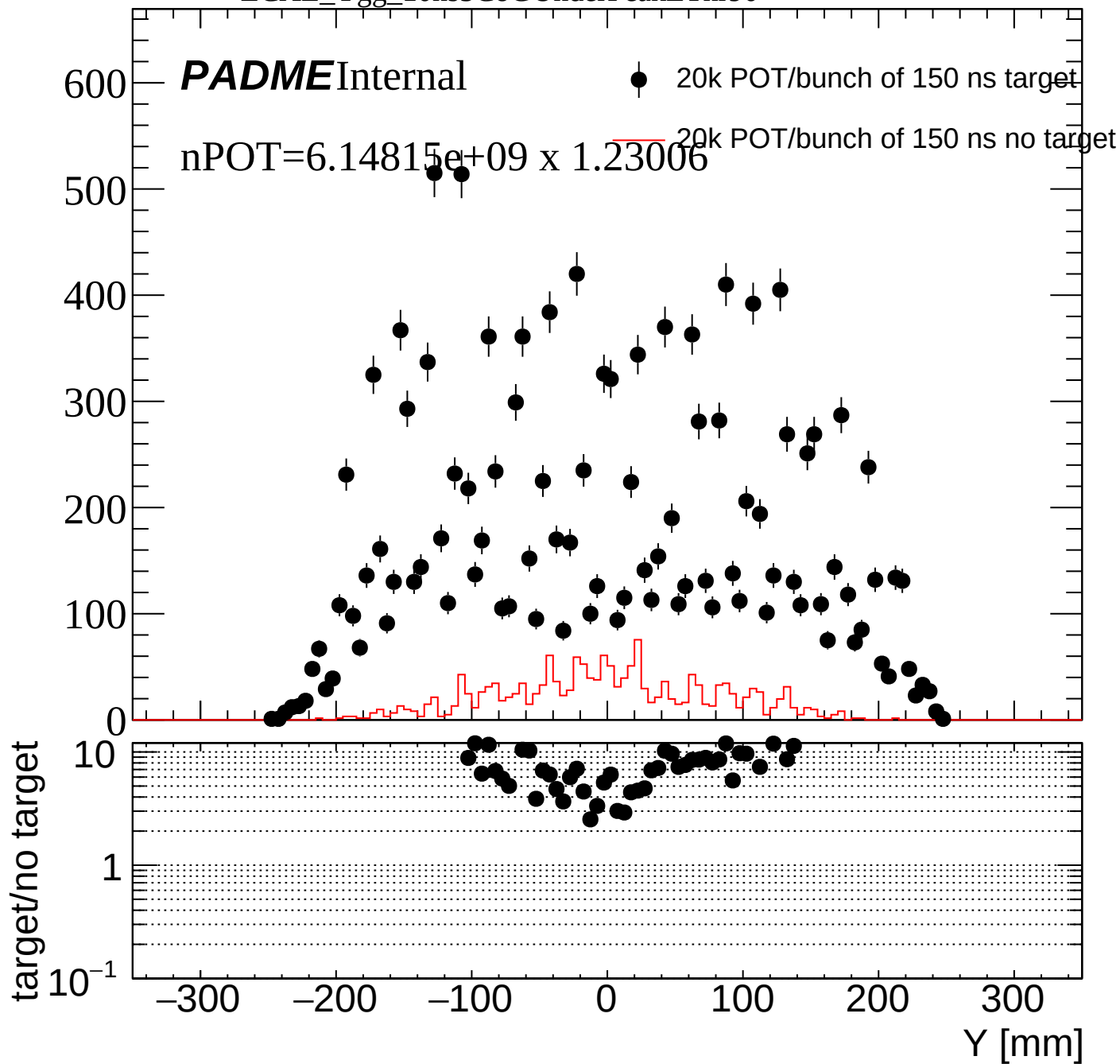
20k POT/bunch of 150 ns target

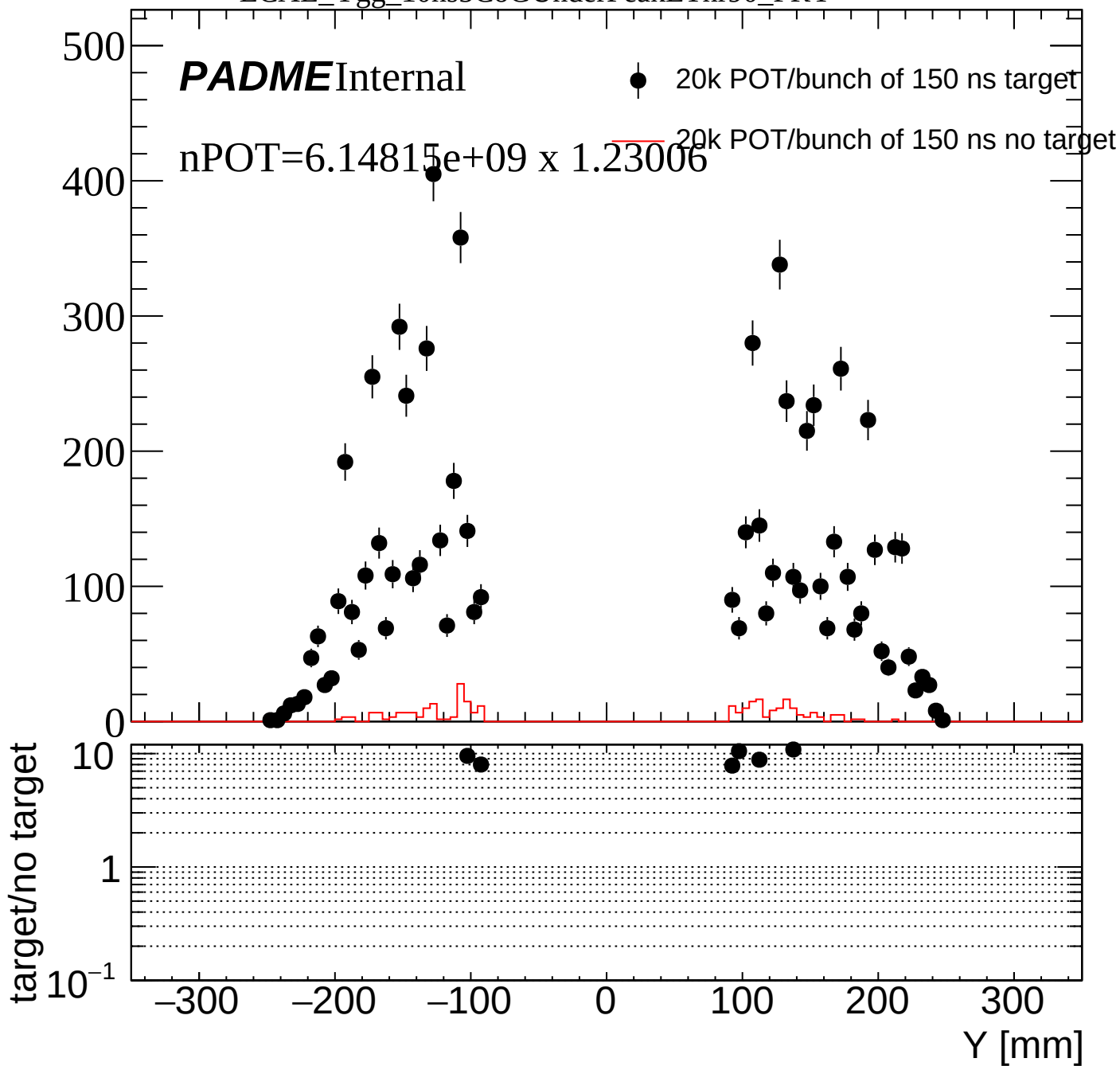
20k POT/bunch of 150 ns no target

target/no target

Y [mm]







ECAL_Ygg_10ns5CoGEThr90

PADMEInternal

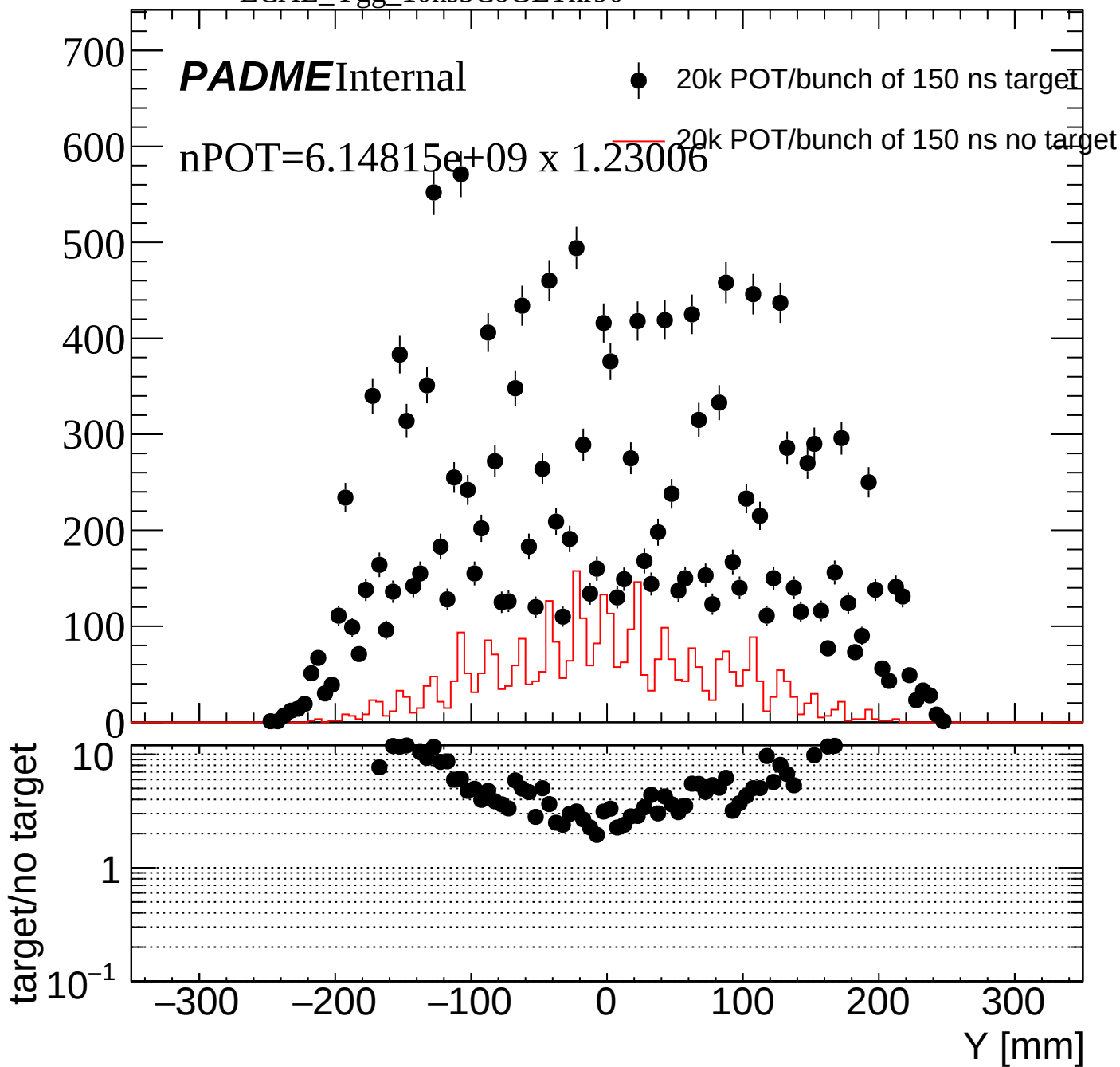
nPOT=6.14815e+09 x 1.23006

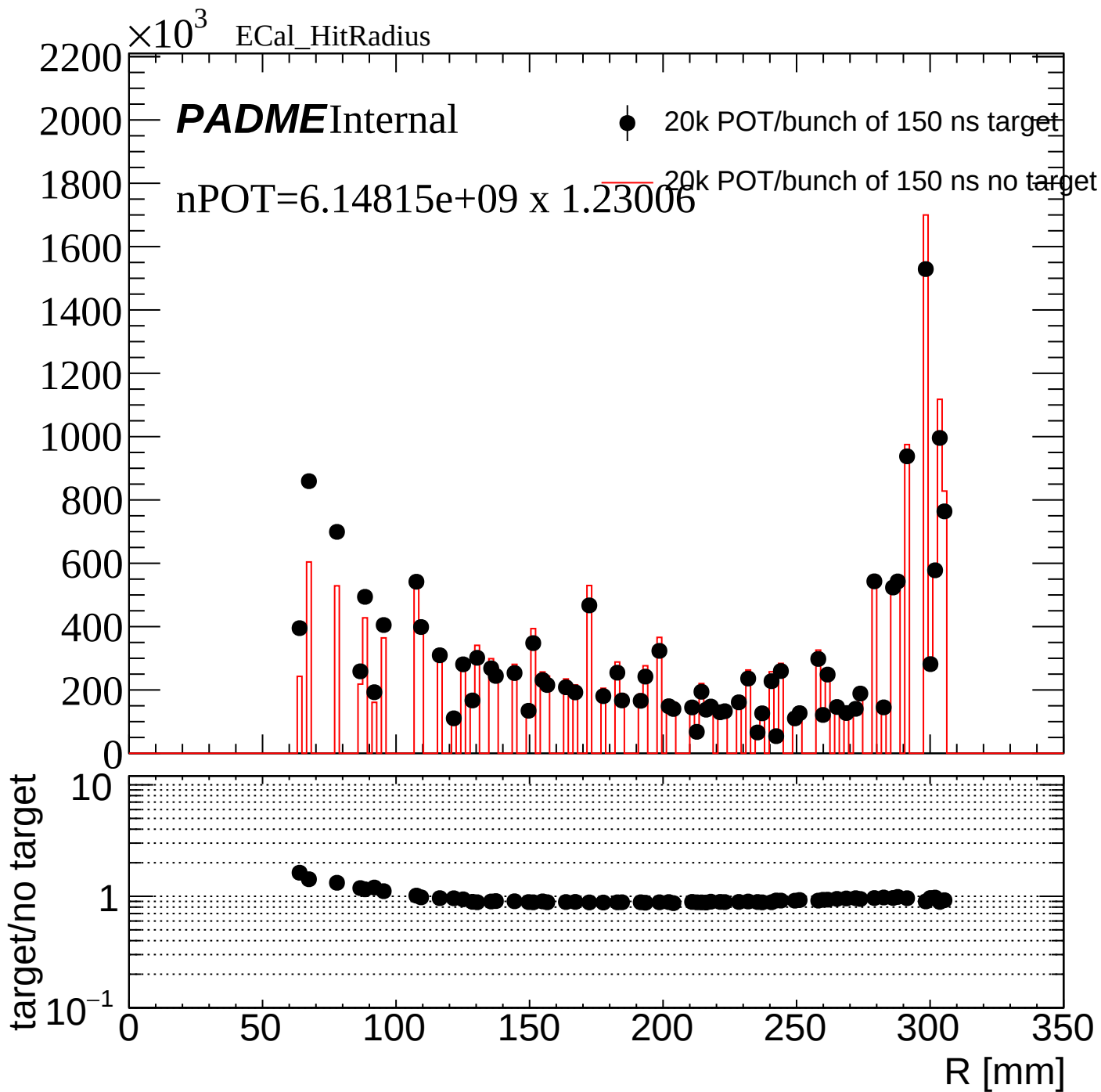
● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target

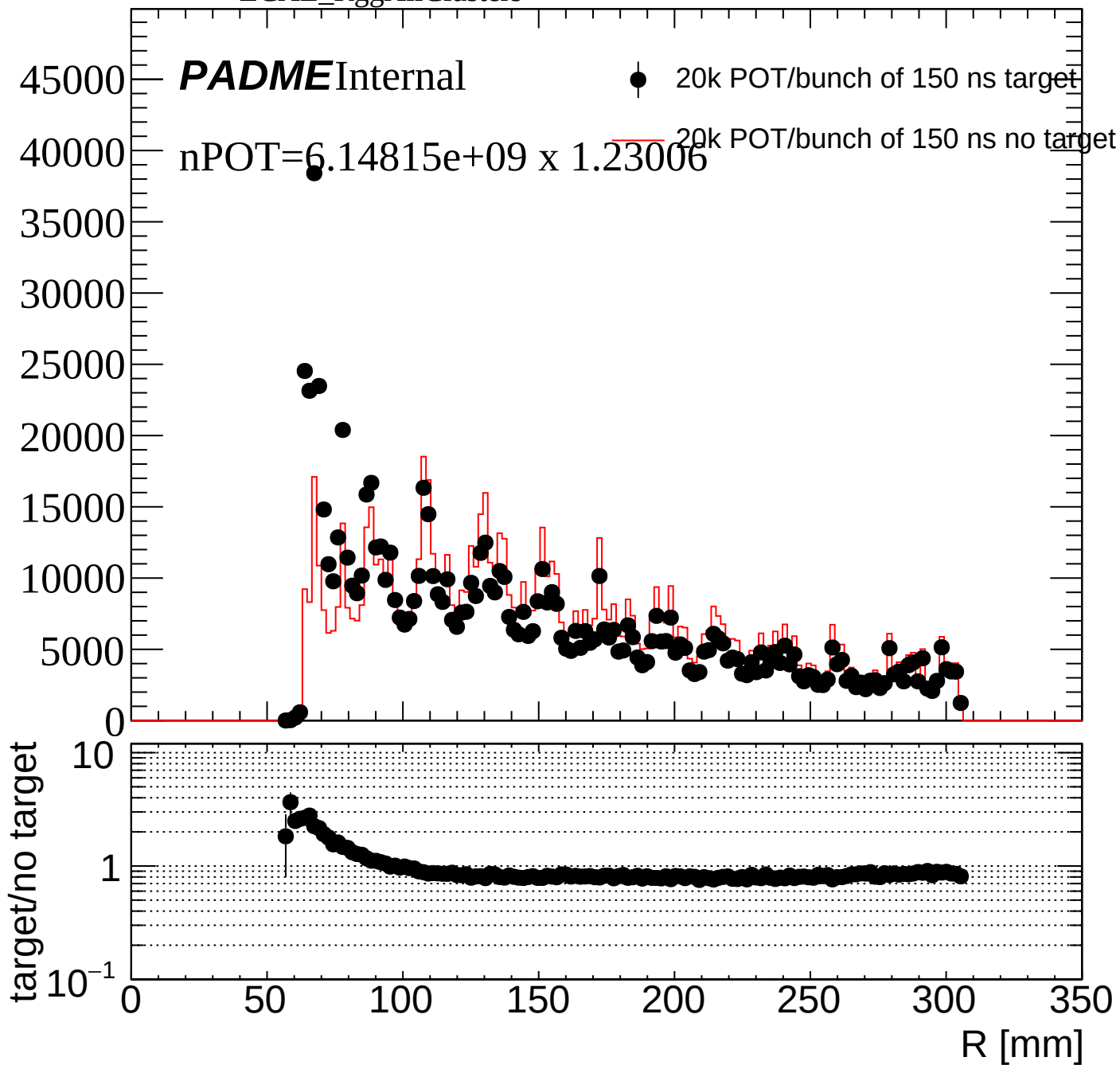
target/no target

Y [mm]





ECAL_RggAllClusters



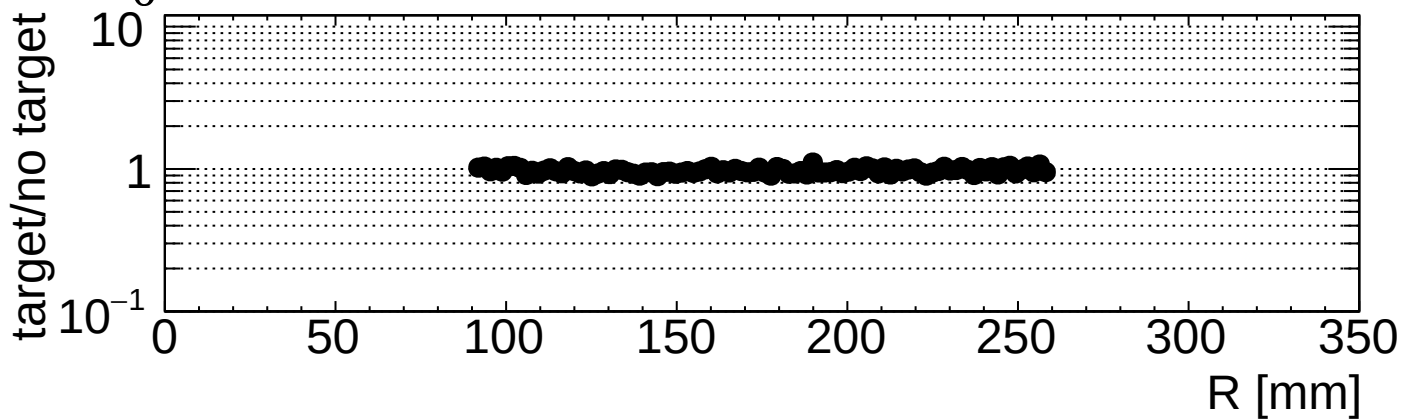
ECAL_Rgg_10ns

PADMEInternal

nPOT=6.14815e+09 x 1.23006

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target



ECAL_Rgg_10ns20Degree

1000

PADMEInternal

● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target

800

600

400

200

0

target/no target

10

1

10⁻¹

0

50

100

150

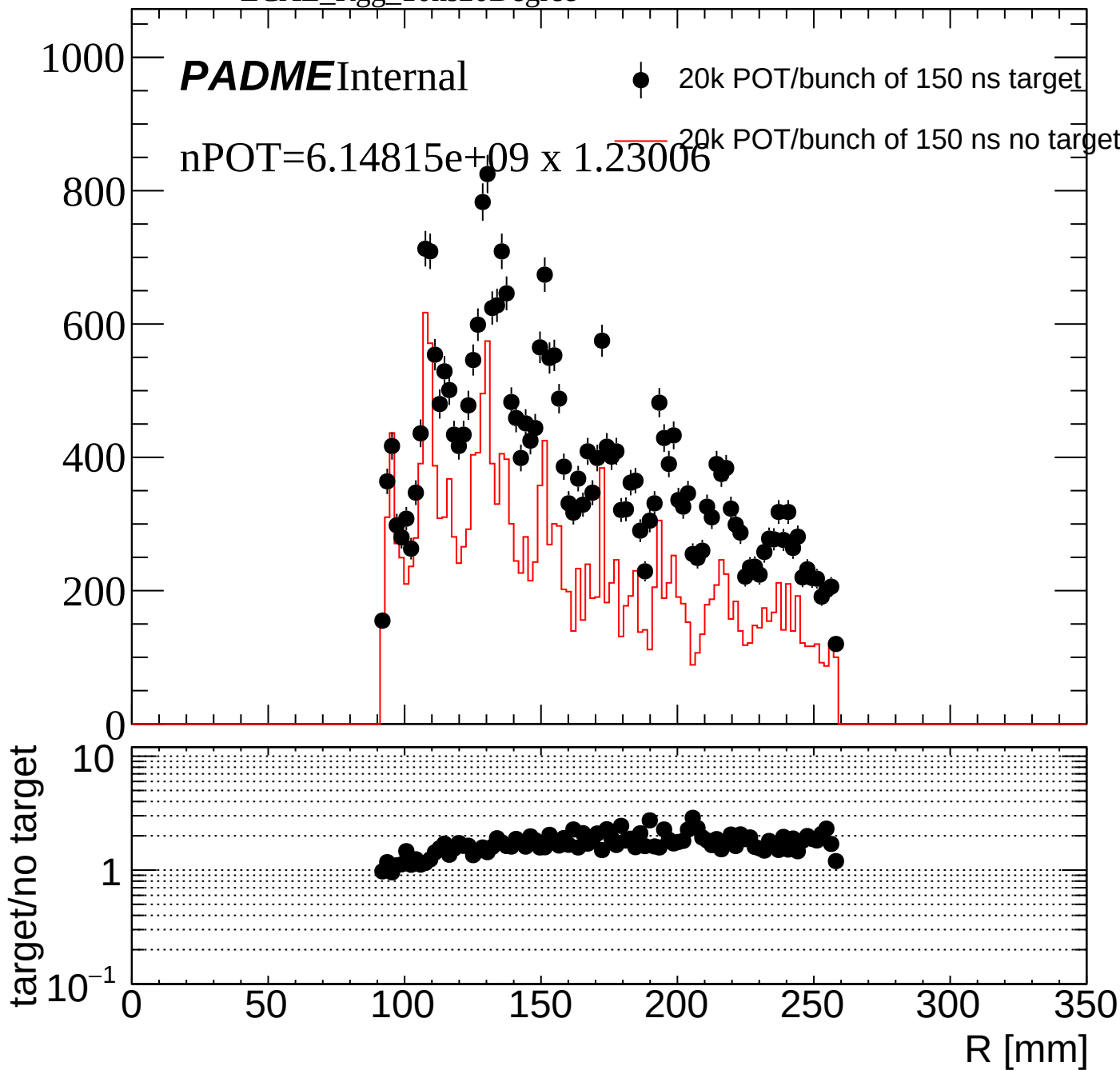
200

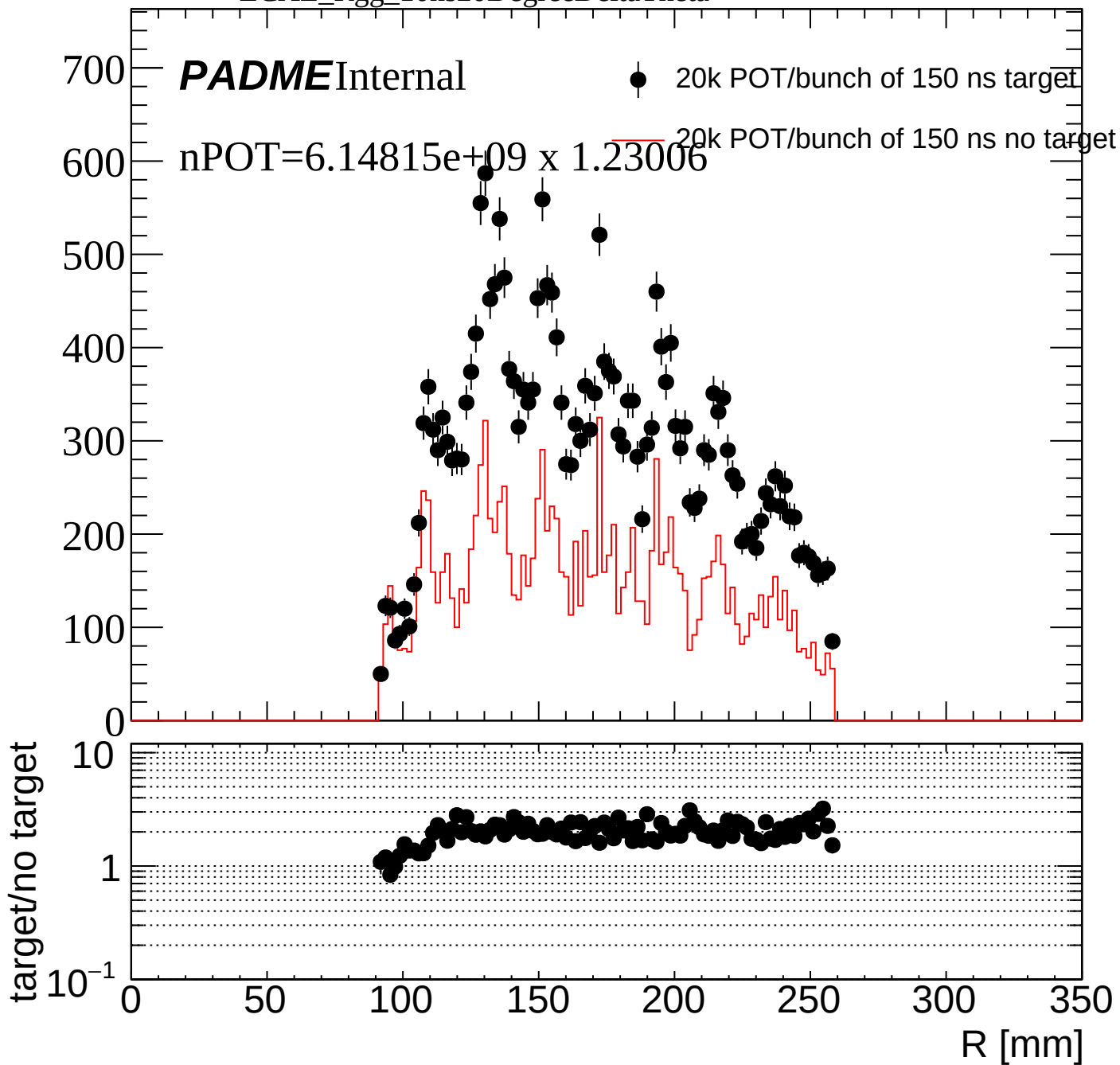
250

300

350

R [mm]



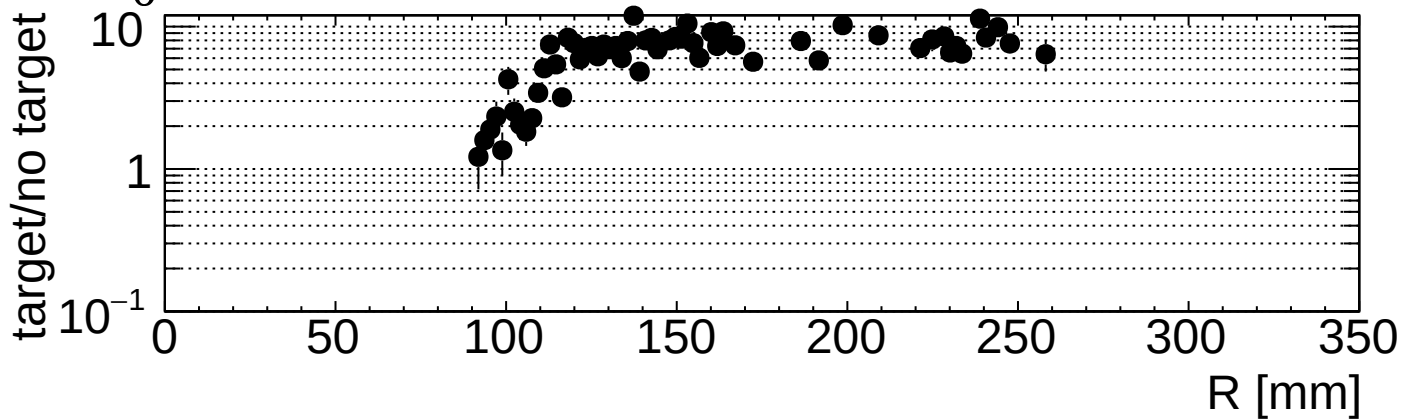


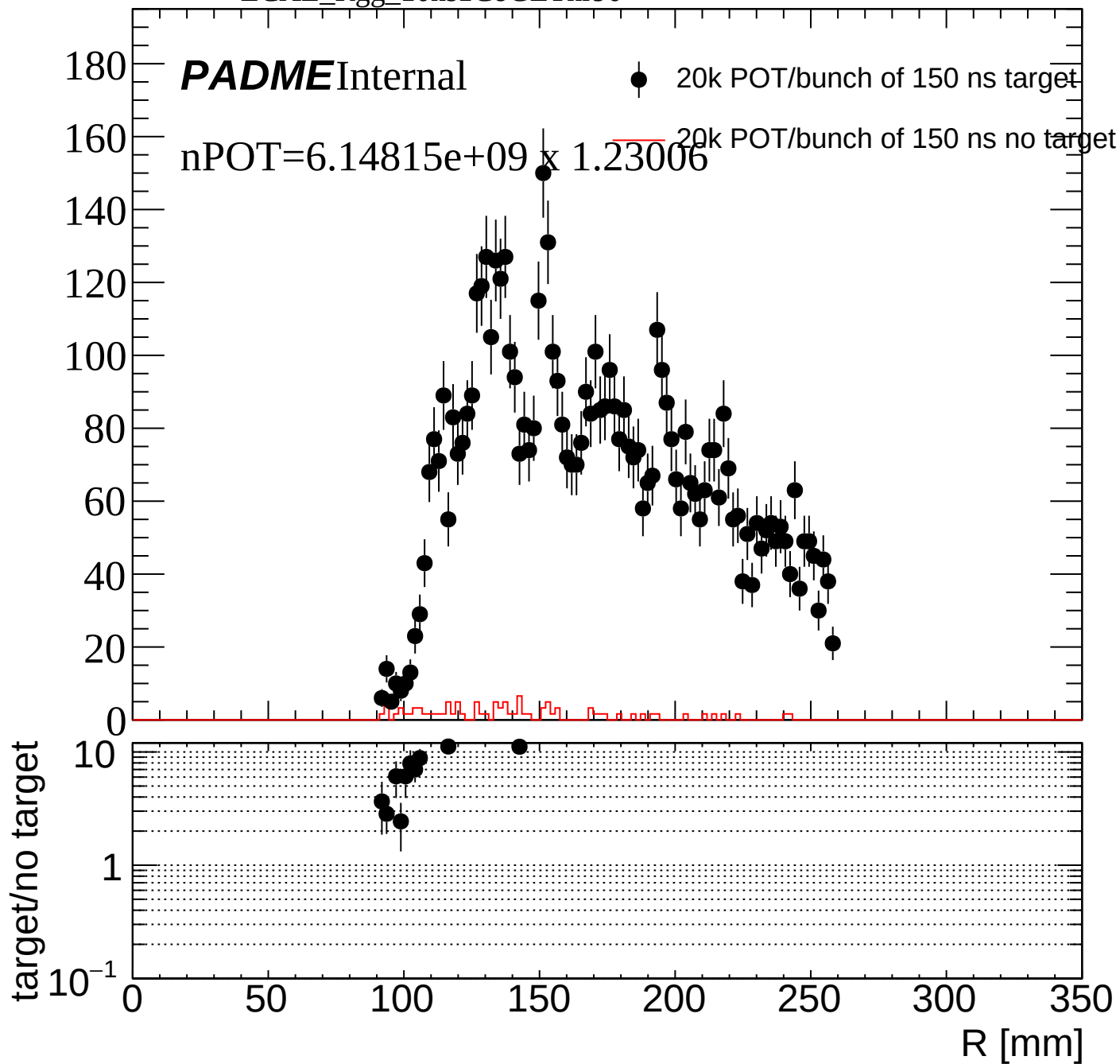
ECAL_Rgg_10ns1CoG

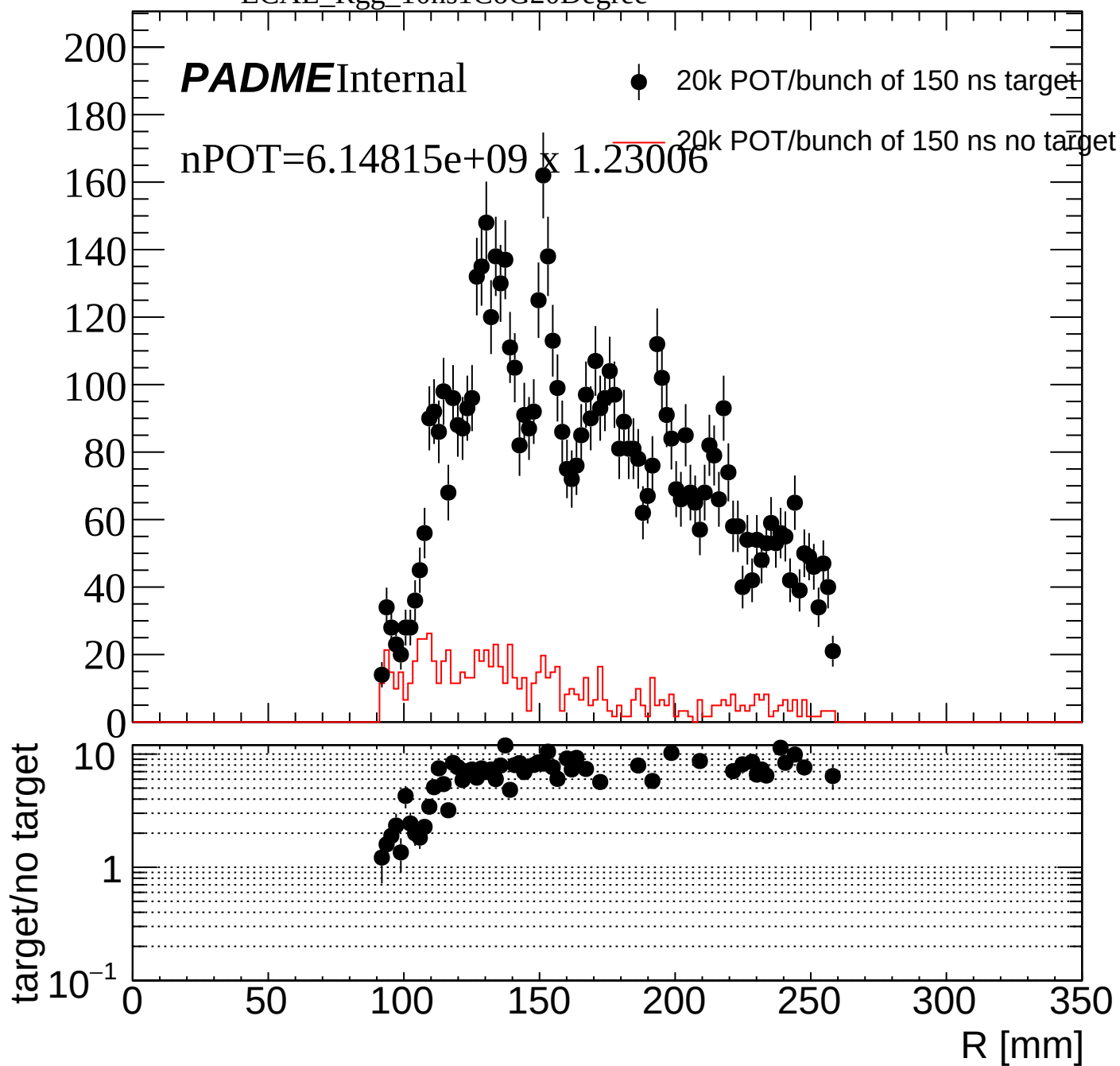
PADMEInternal

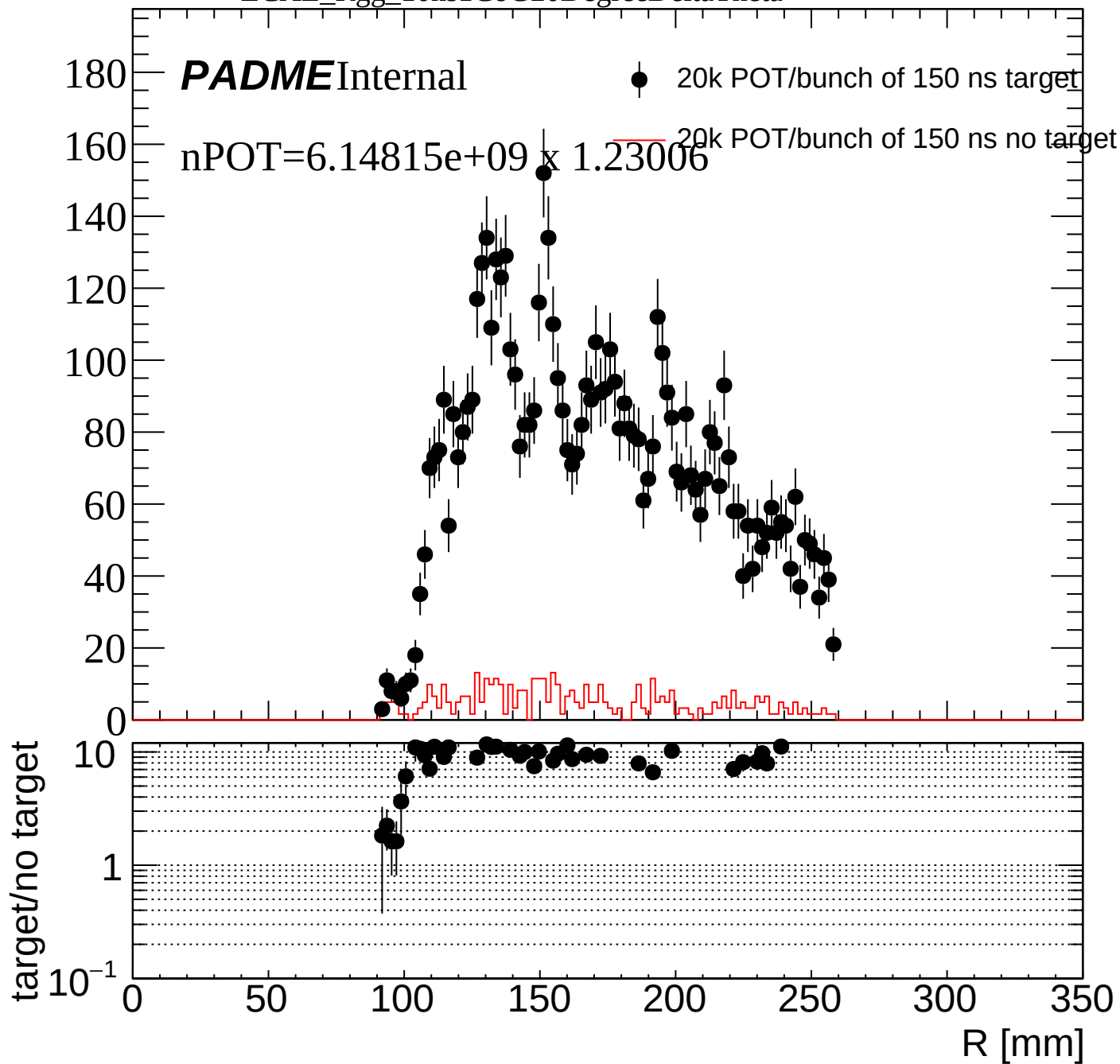
nPOT=6.14815e+09 x 1.23006

● 20k POT/bunch of 150 ns target
— 20k POT/bunch of 150 ns no target









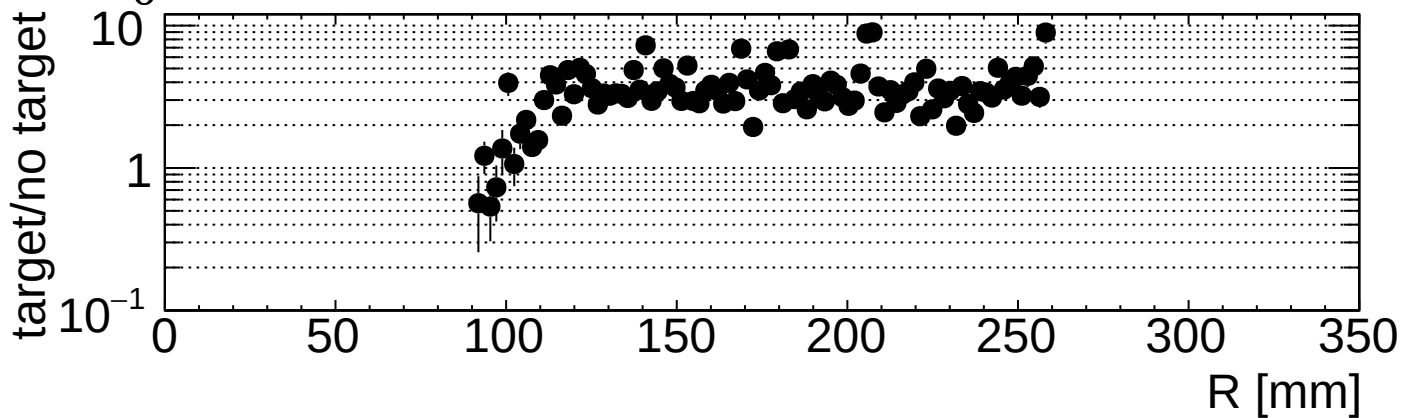
ECAL_Rgg_10ns5DegreeDeltaTheta

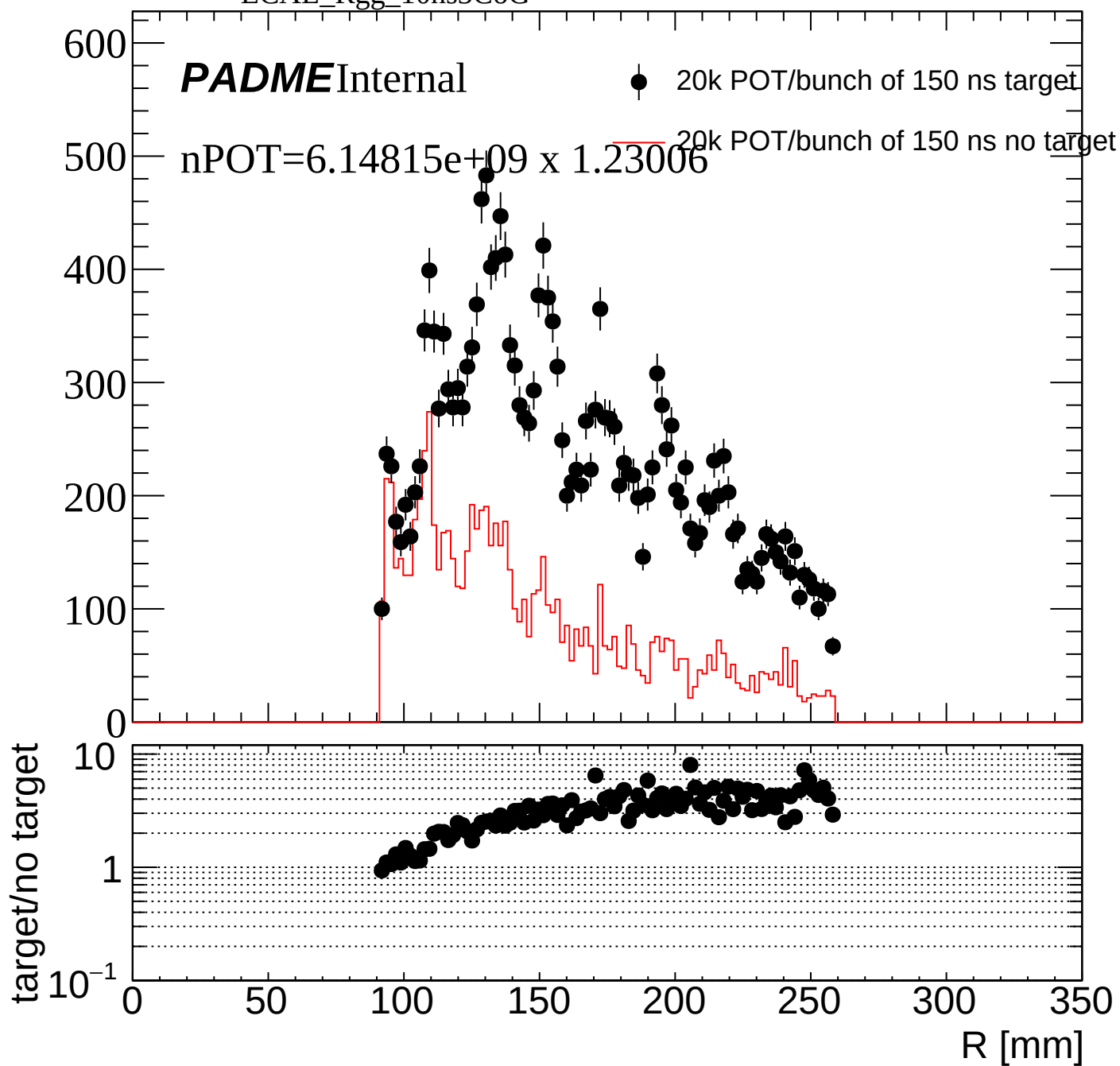
PADMEInternal

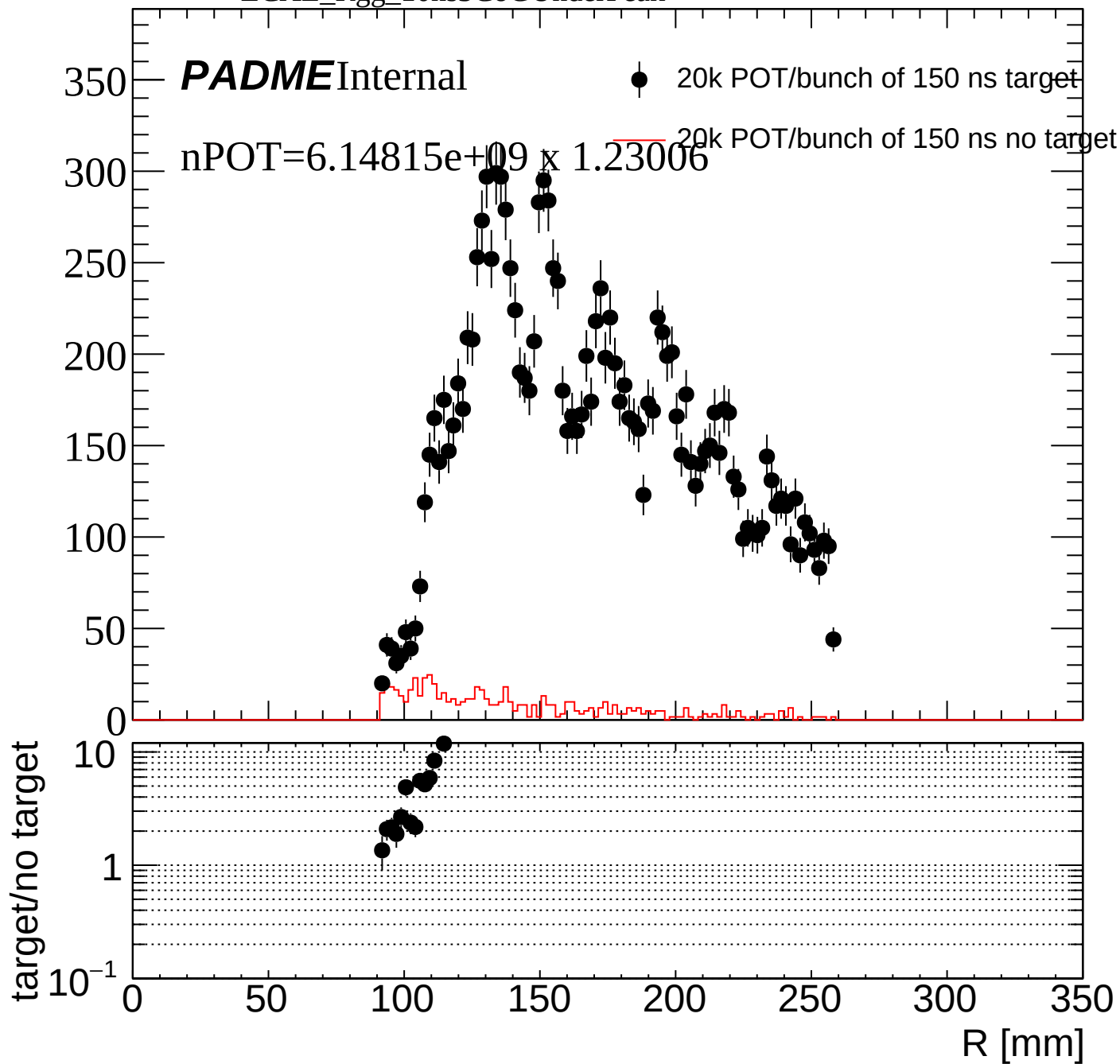
● 20k POT/bunch of 150 ns target

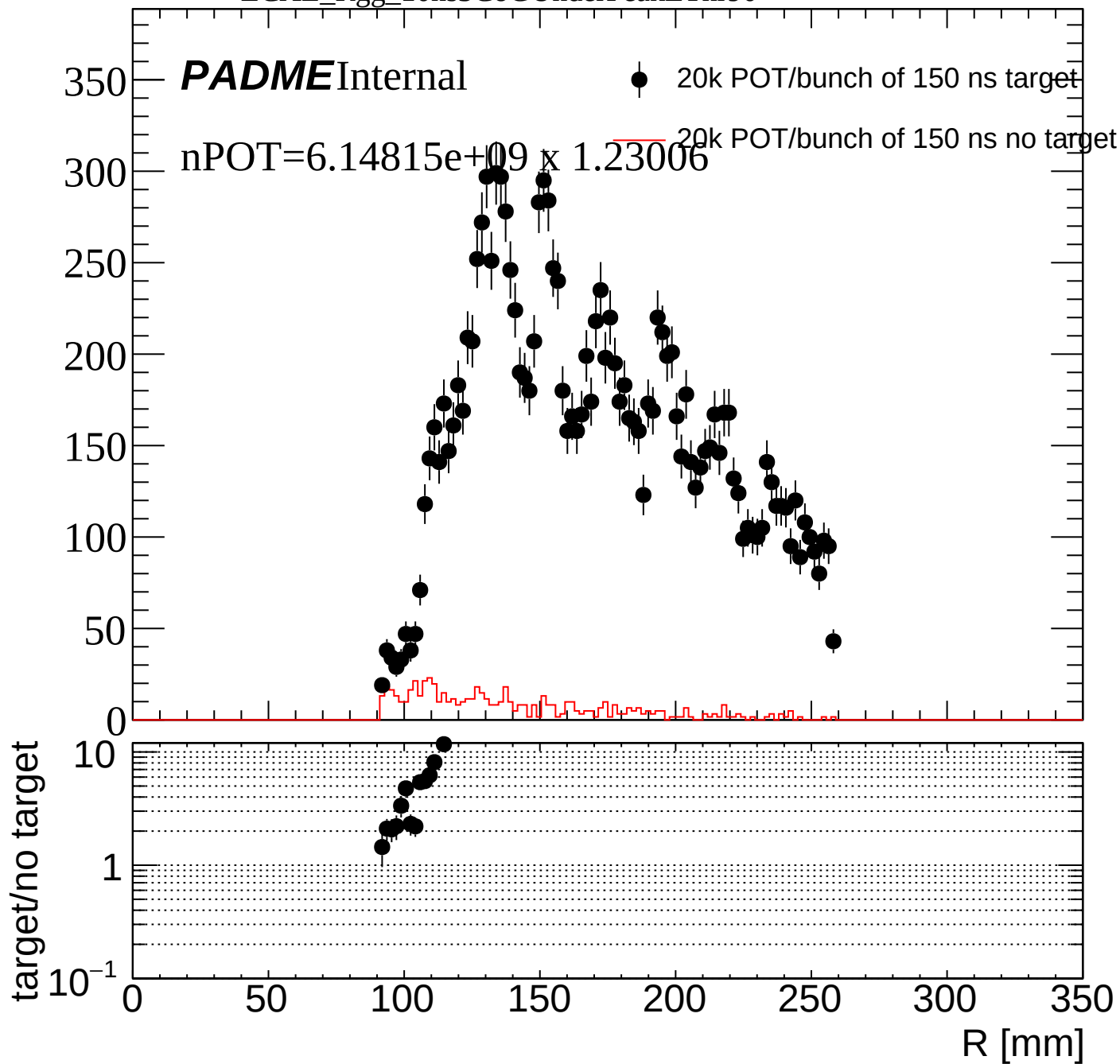
— 20k POT/bunch of 150 ns no target

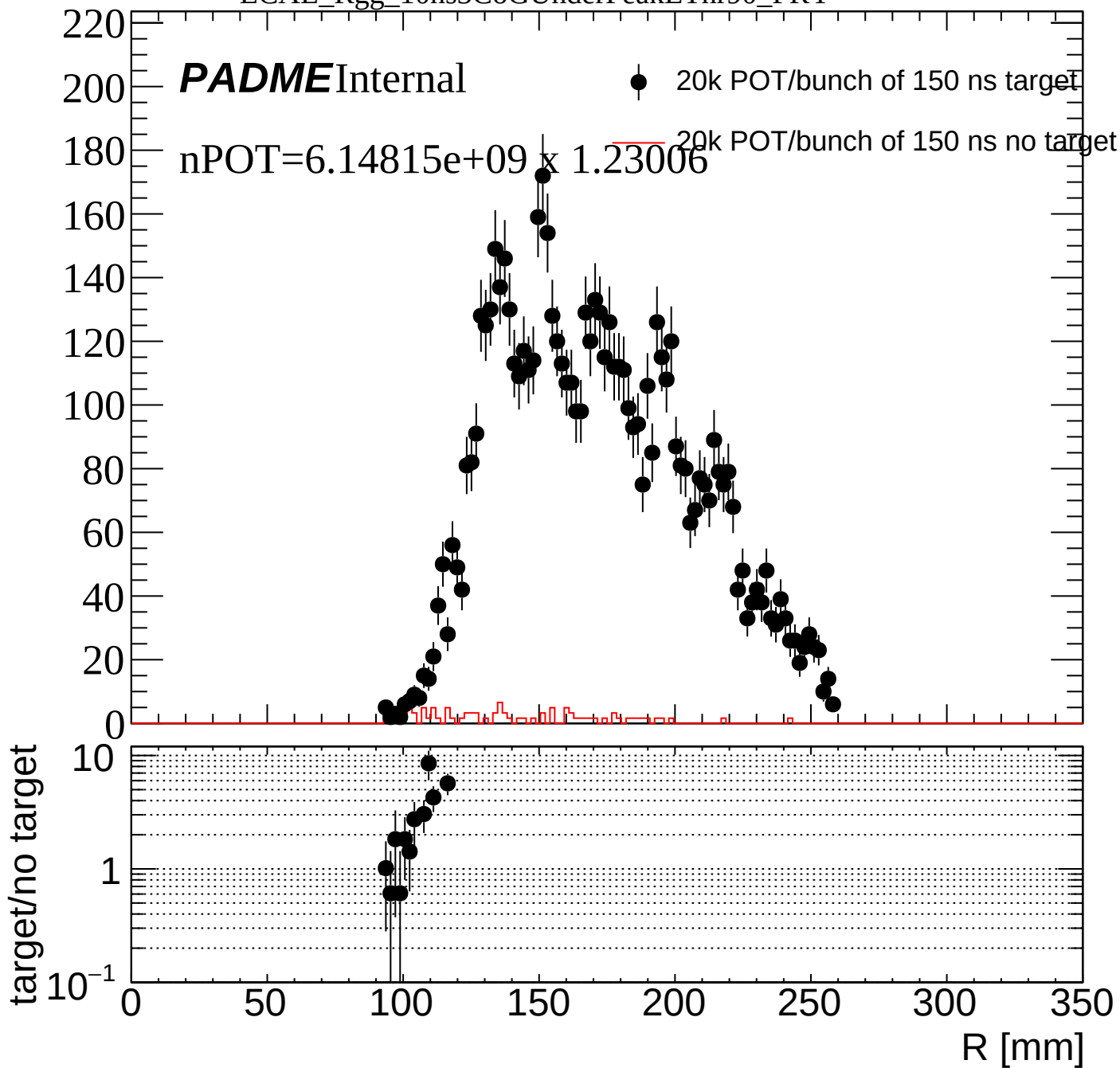
$nPOT=6.14815e+09 \times 1.23006$

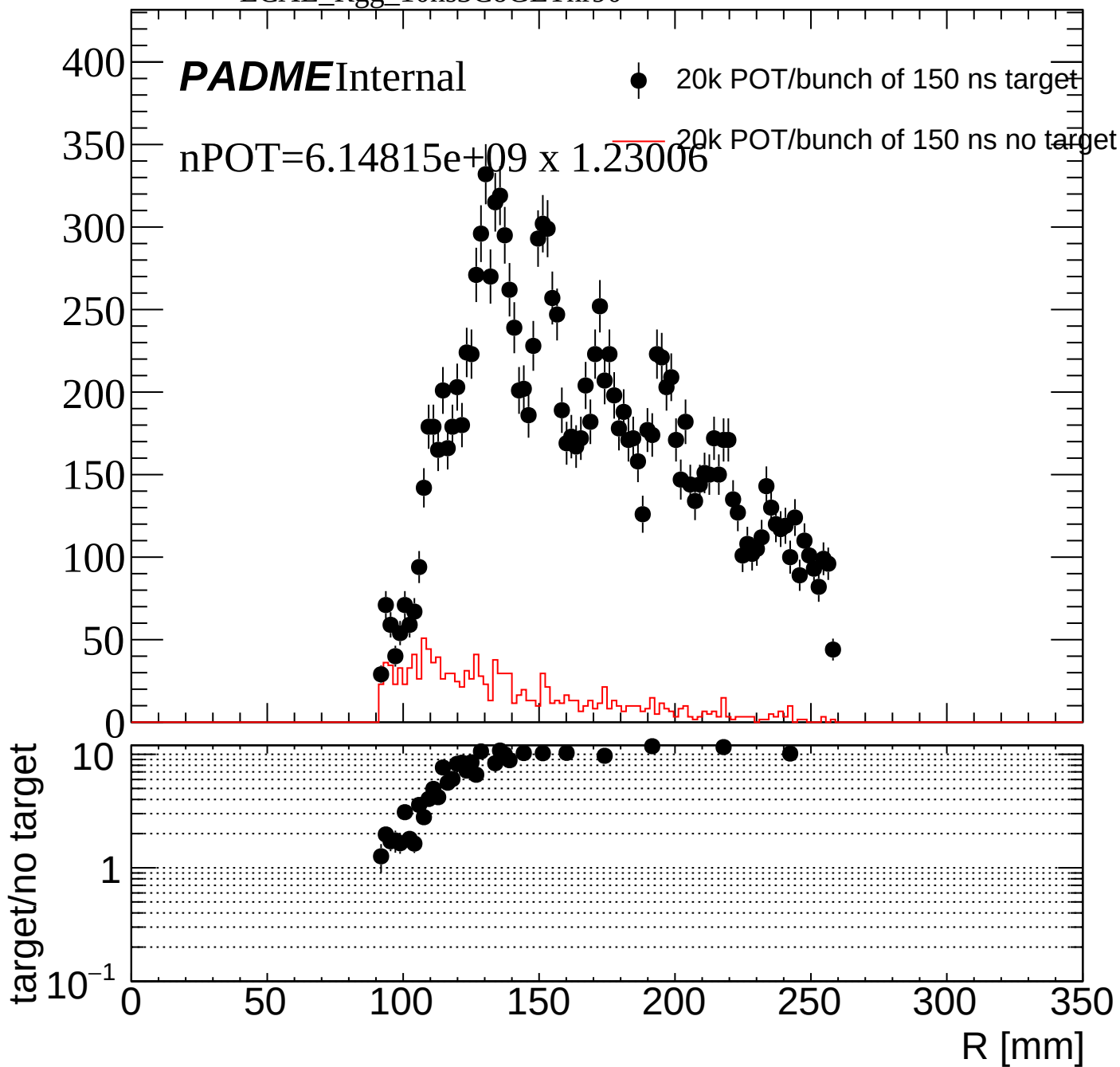


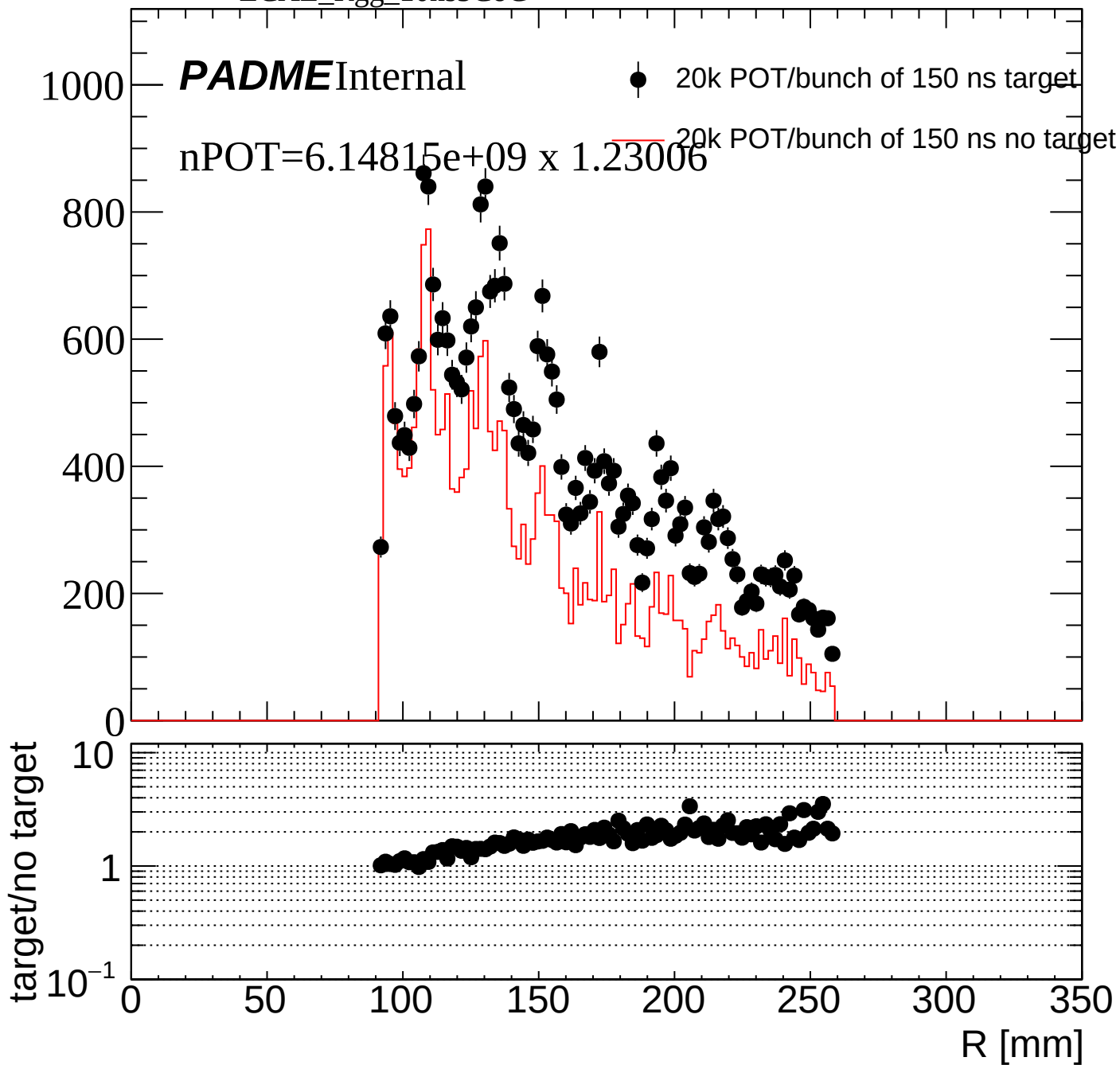


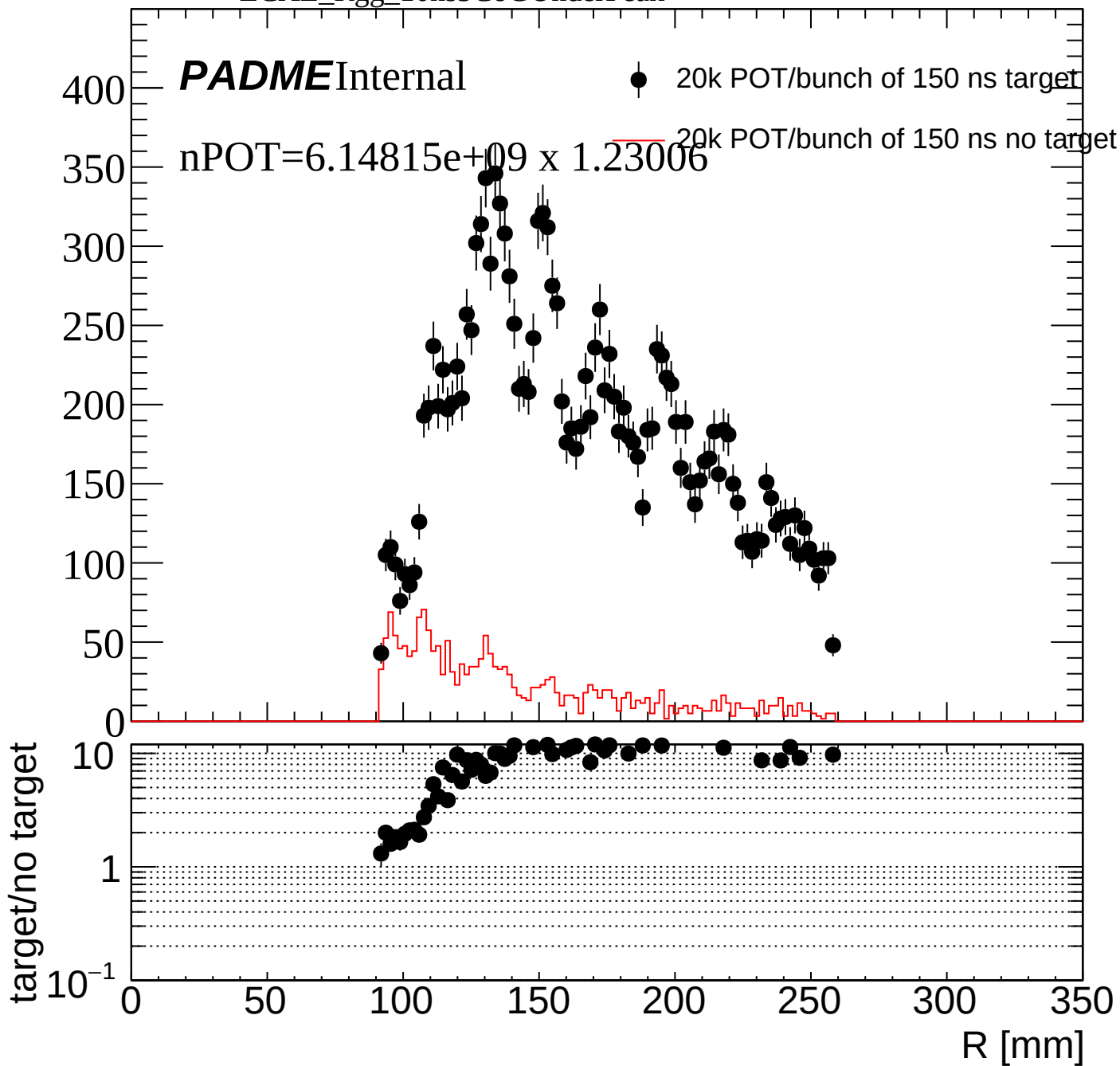


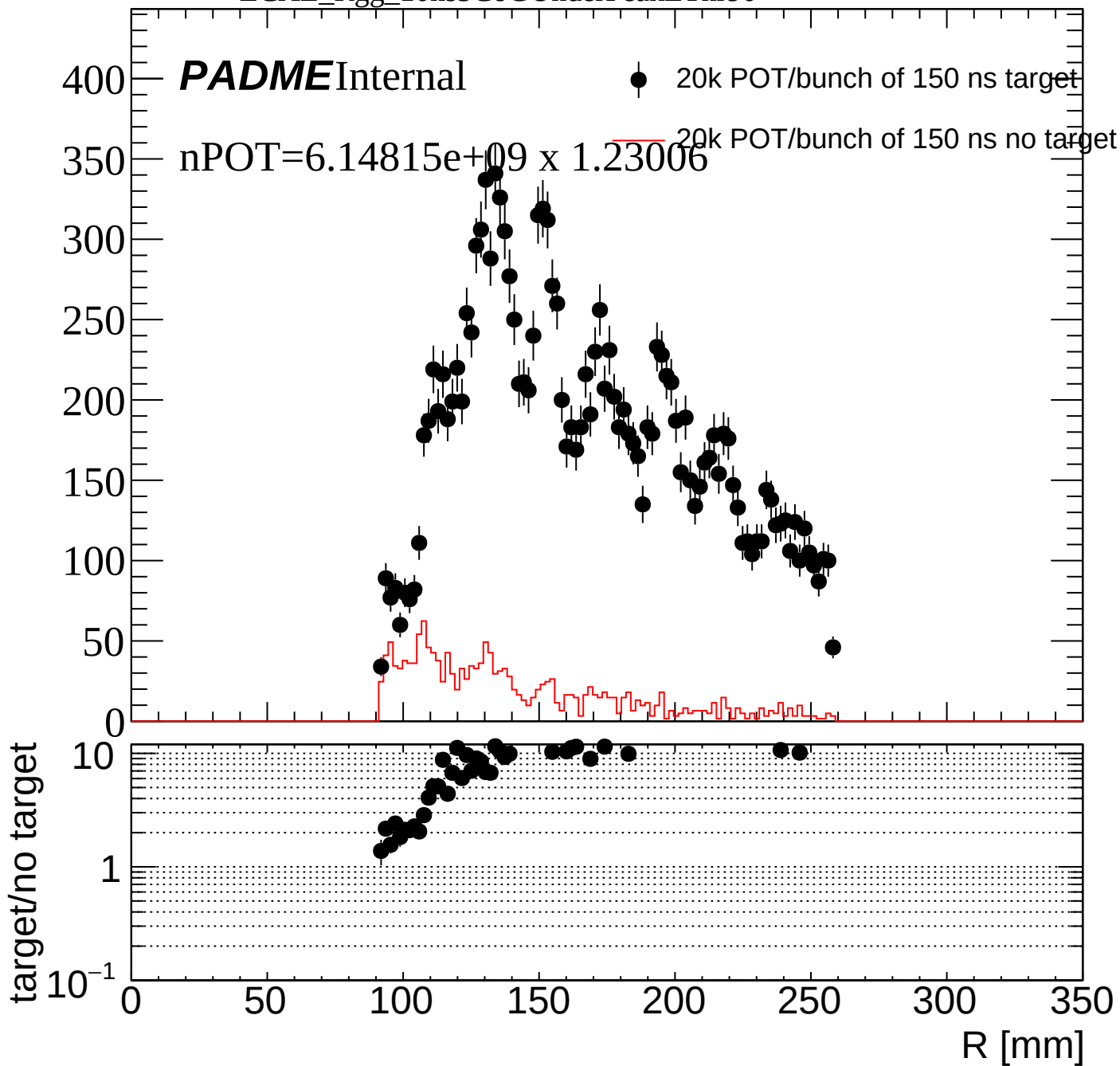


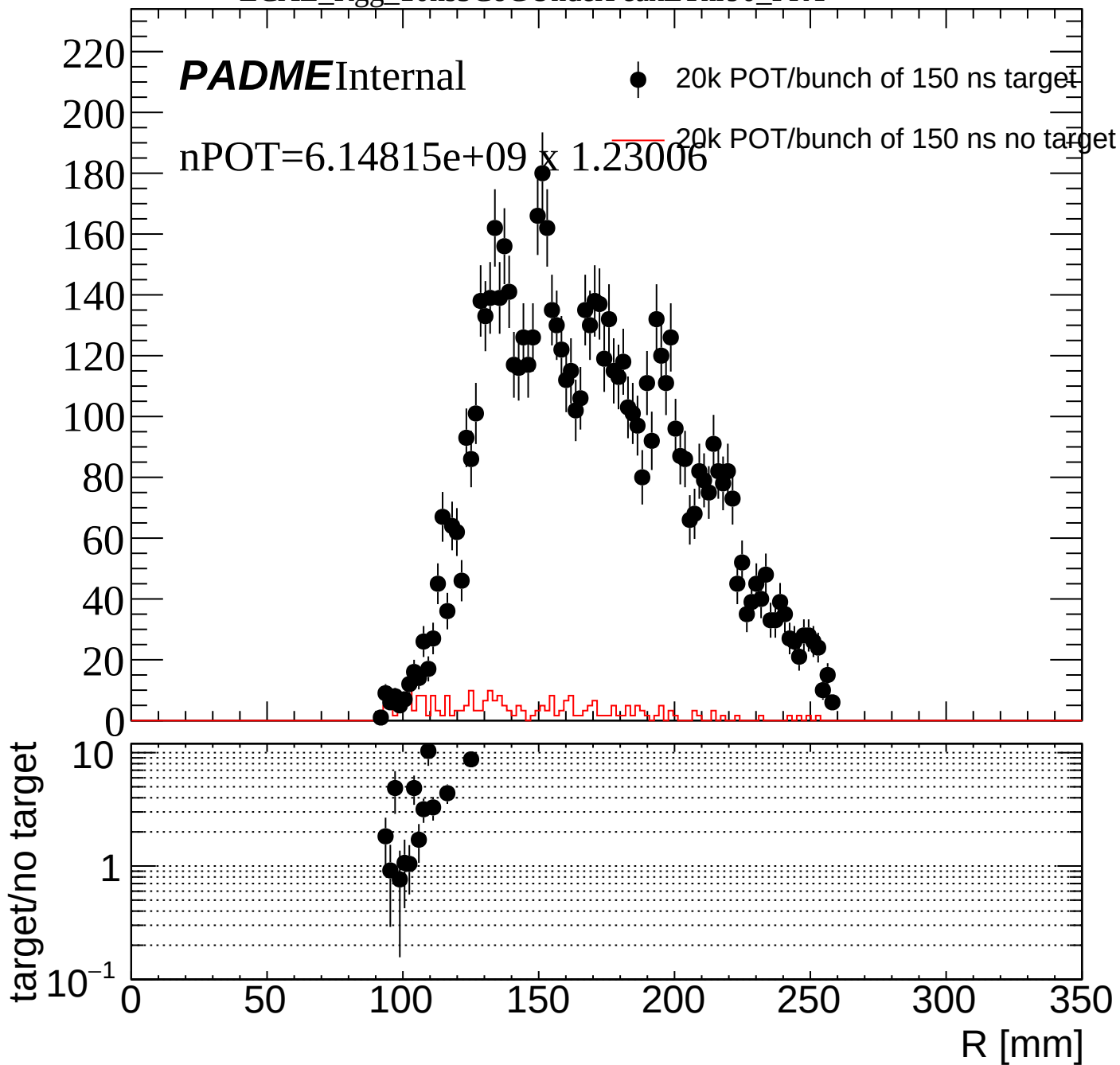












ECAL_Rgg_10ns5CoGEThr90

PADMEInternal

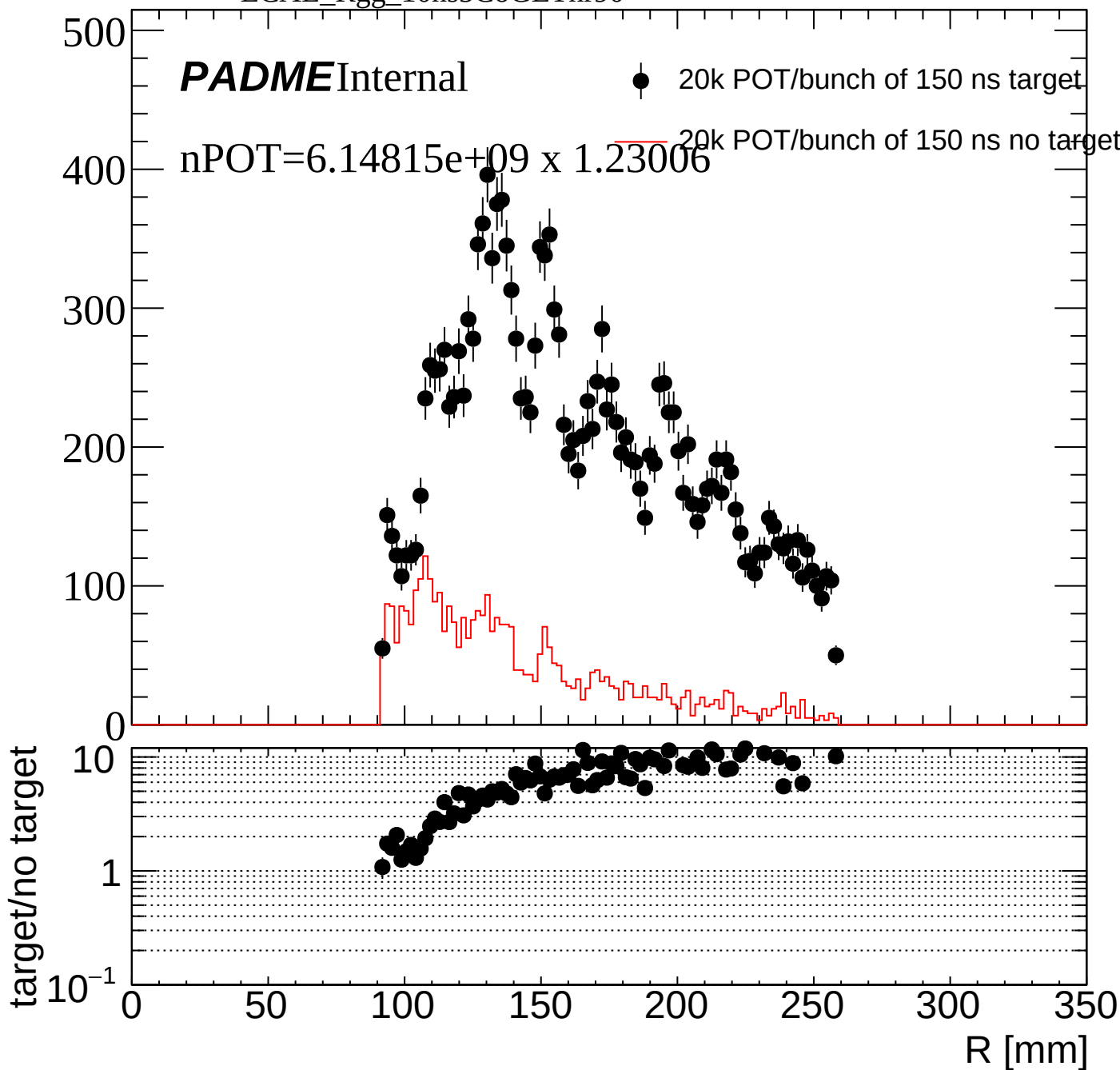
● 20k POT/bunch of 150 ns target

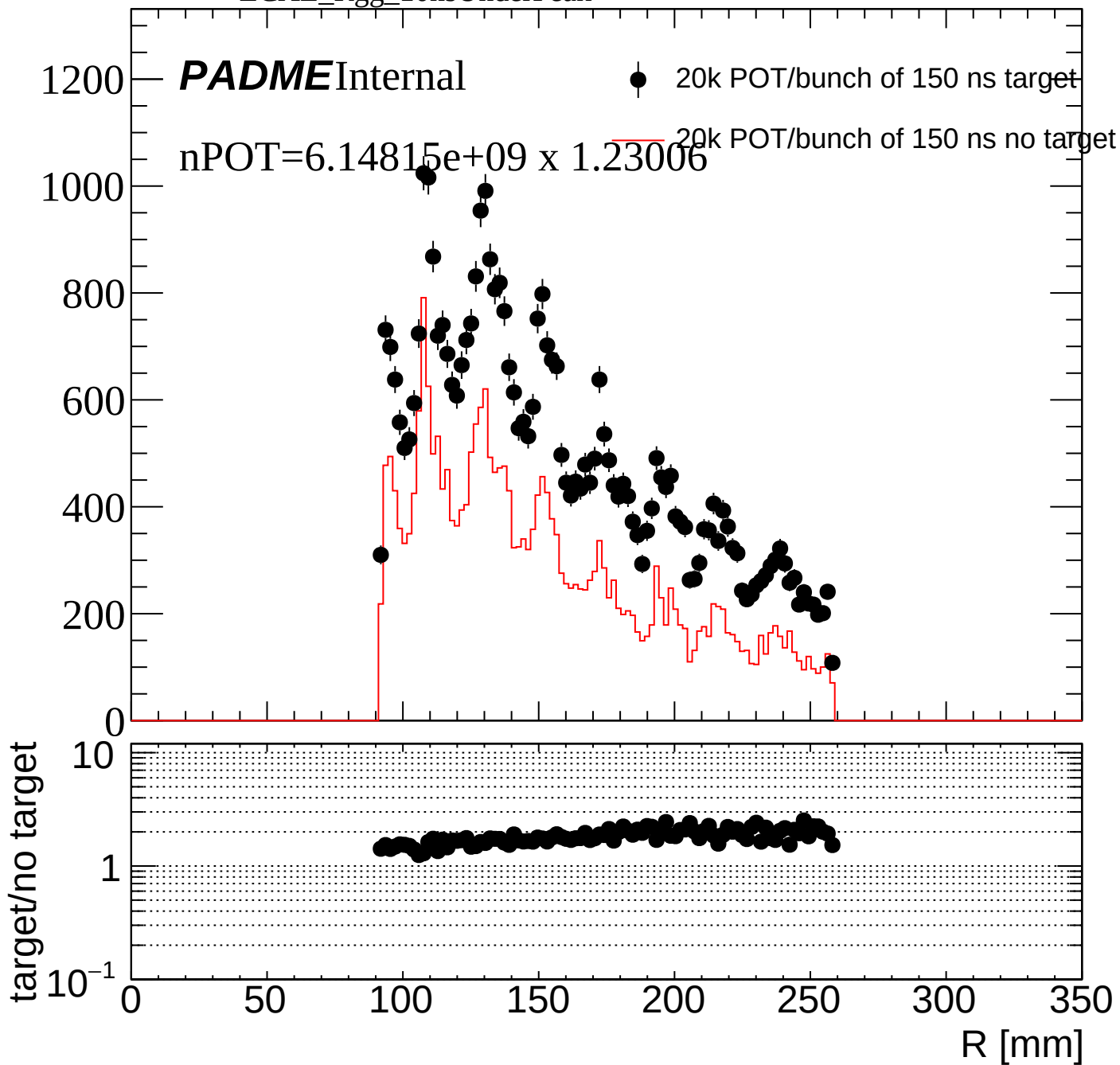
nPOT=6.14815e+09 x 1.23006

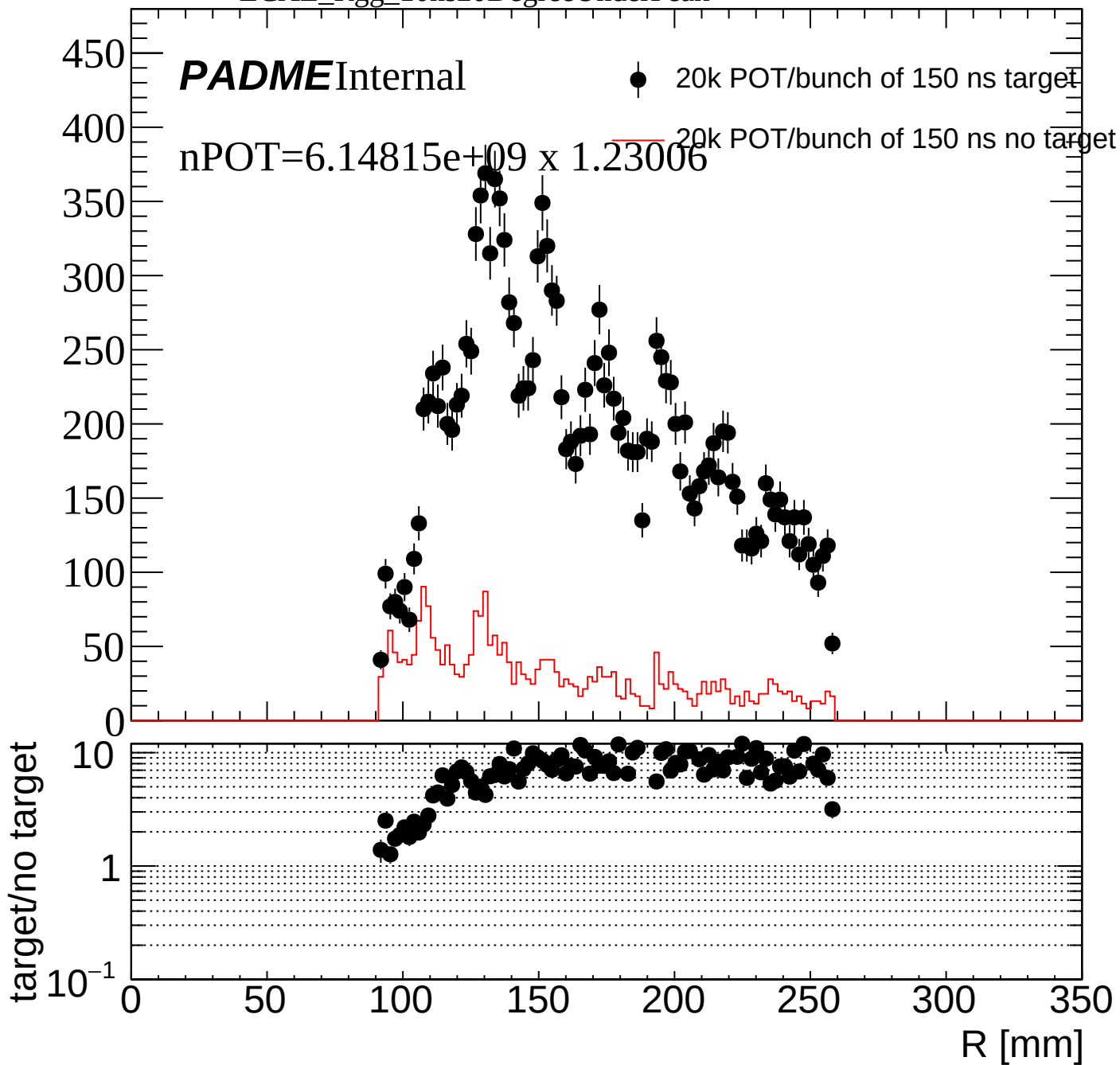
— 20k POT/bunch of 150 ns no target

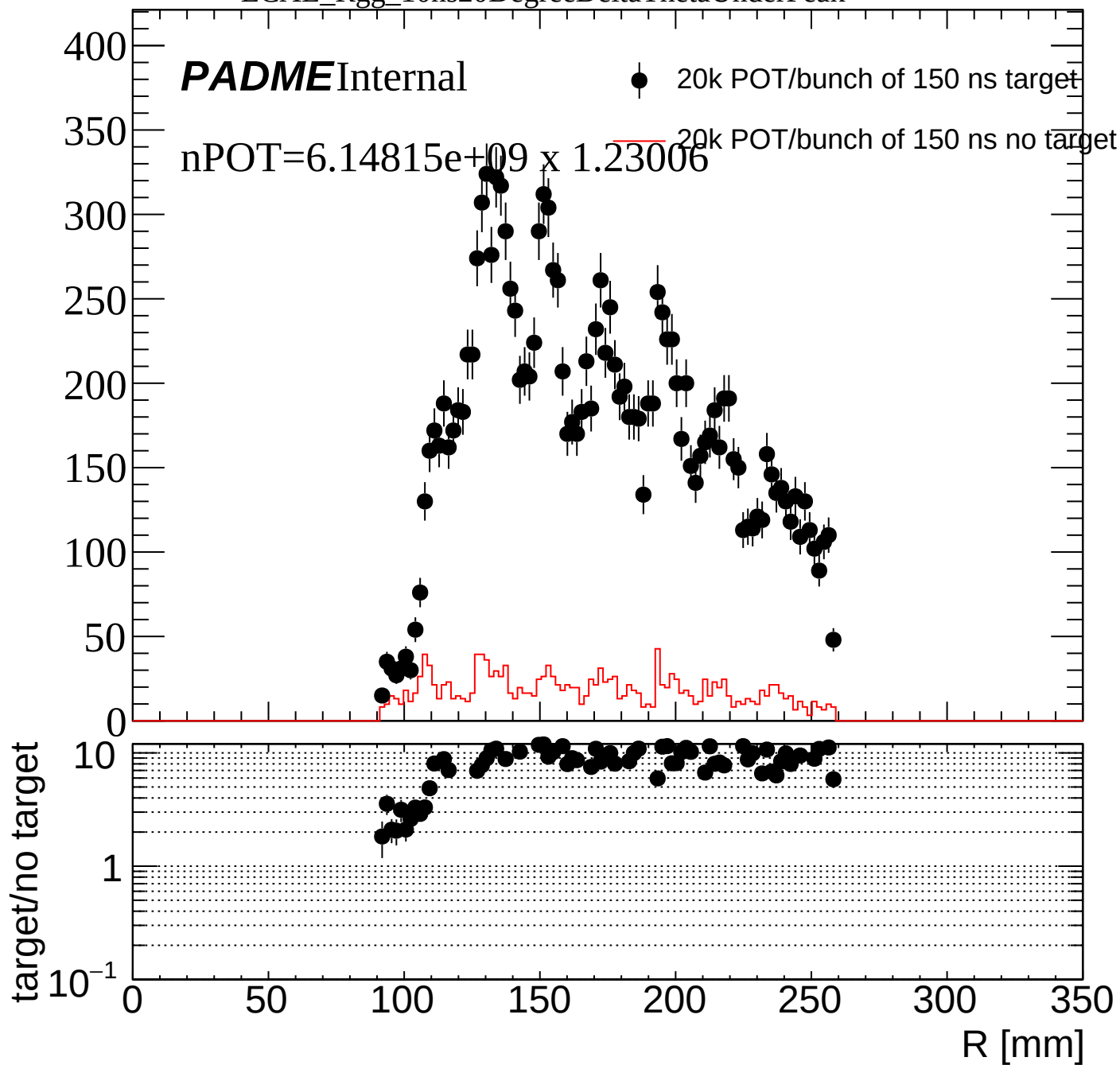
target/no target

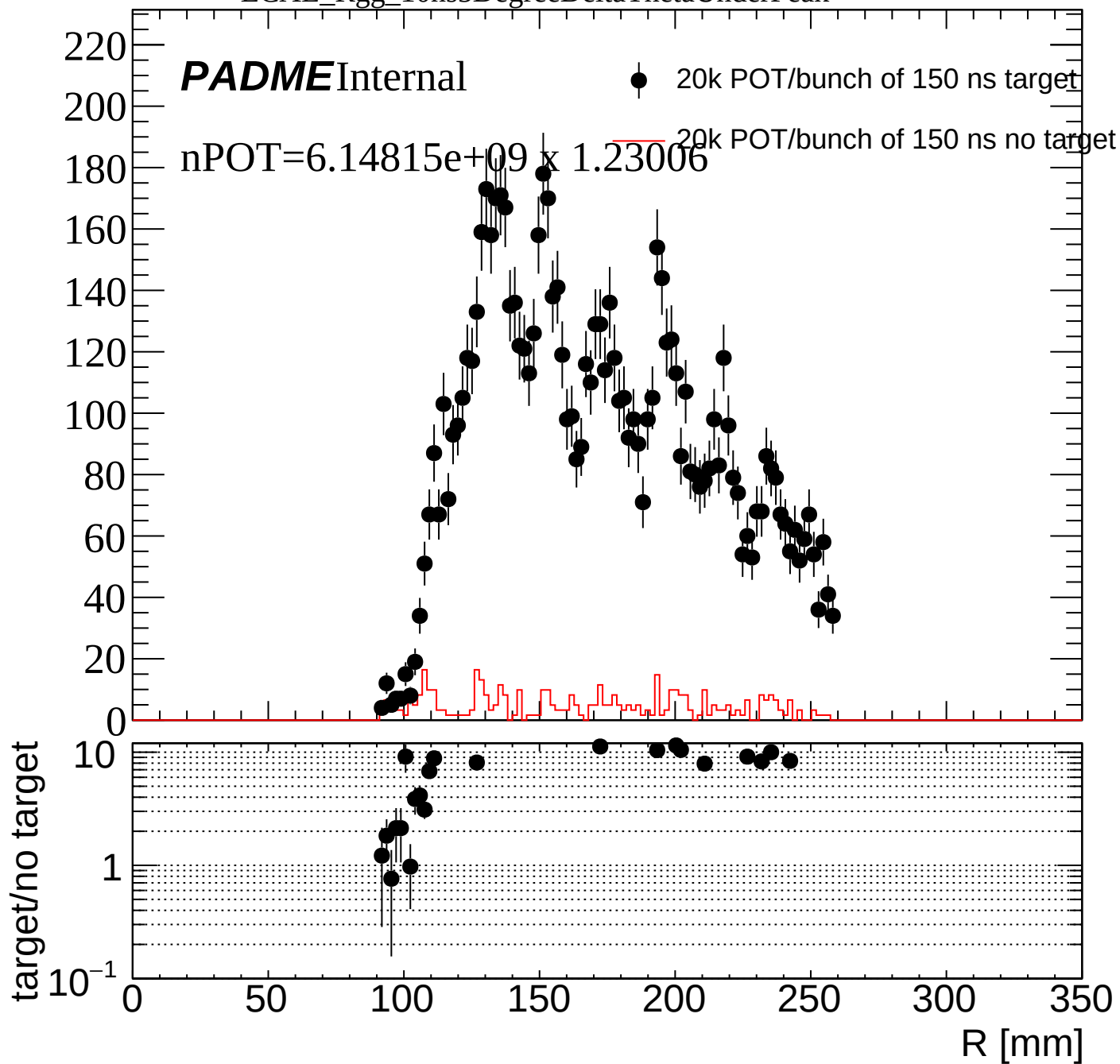
R [mm]

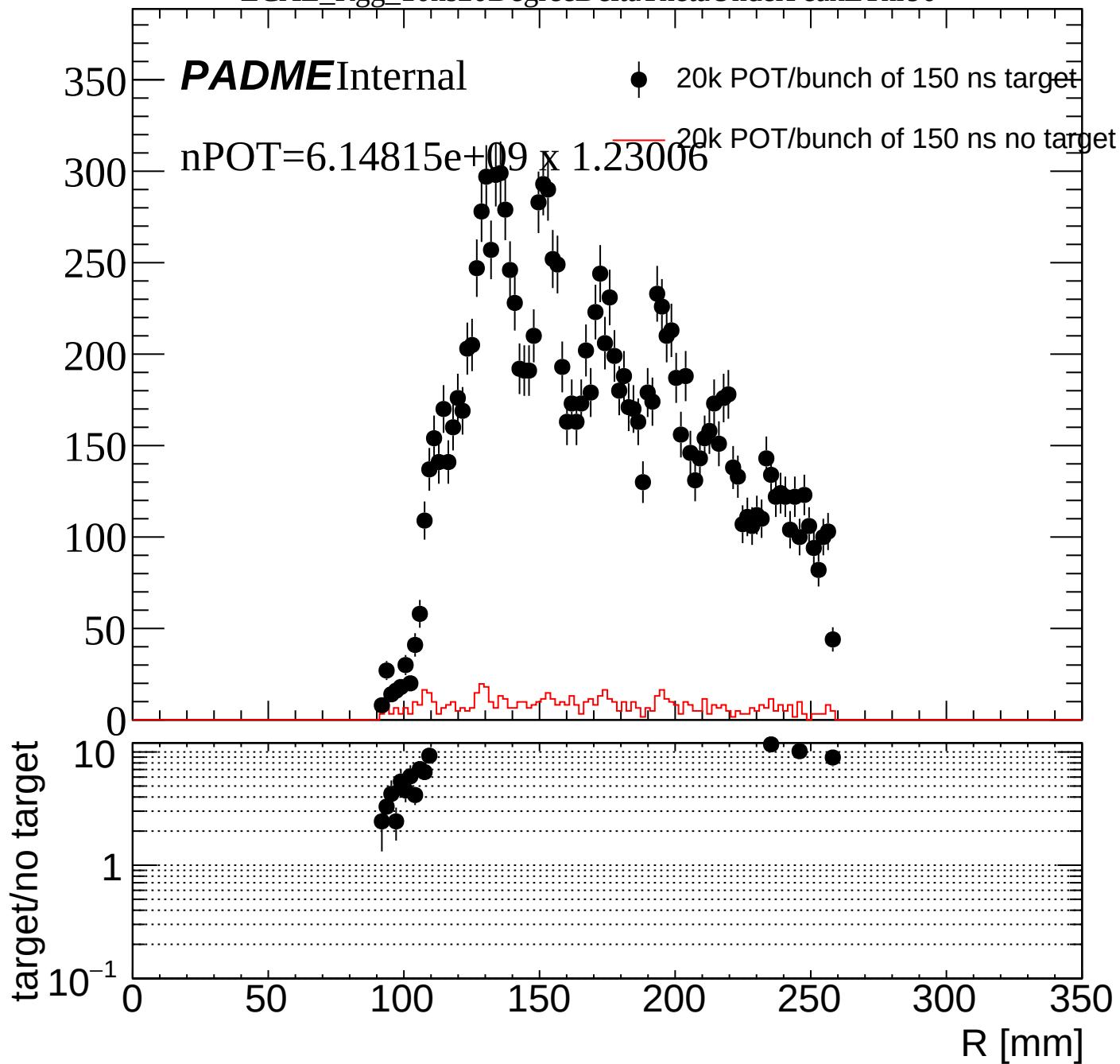


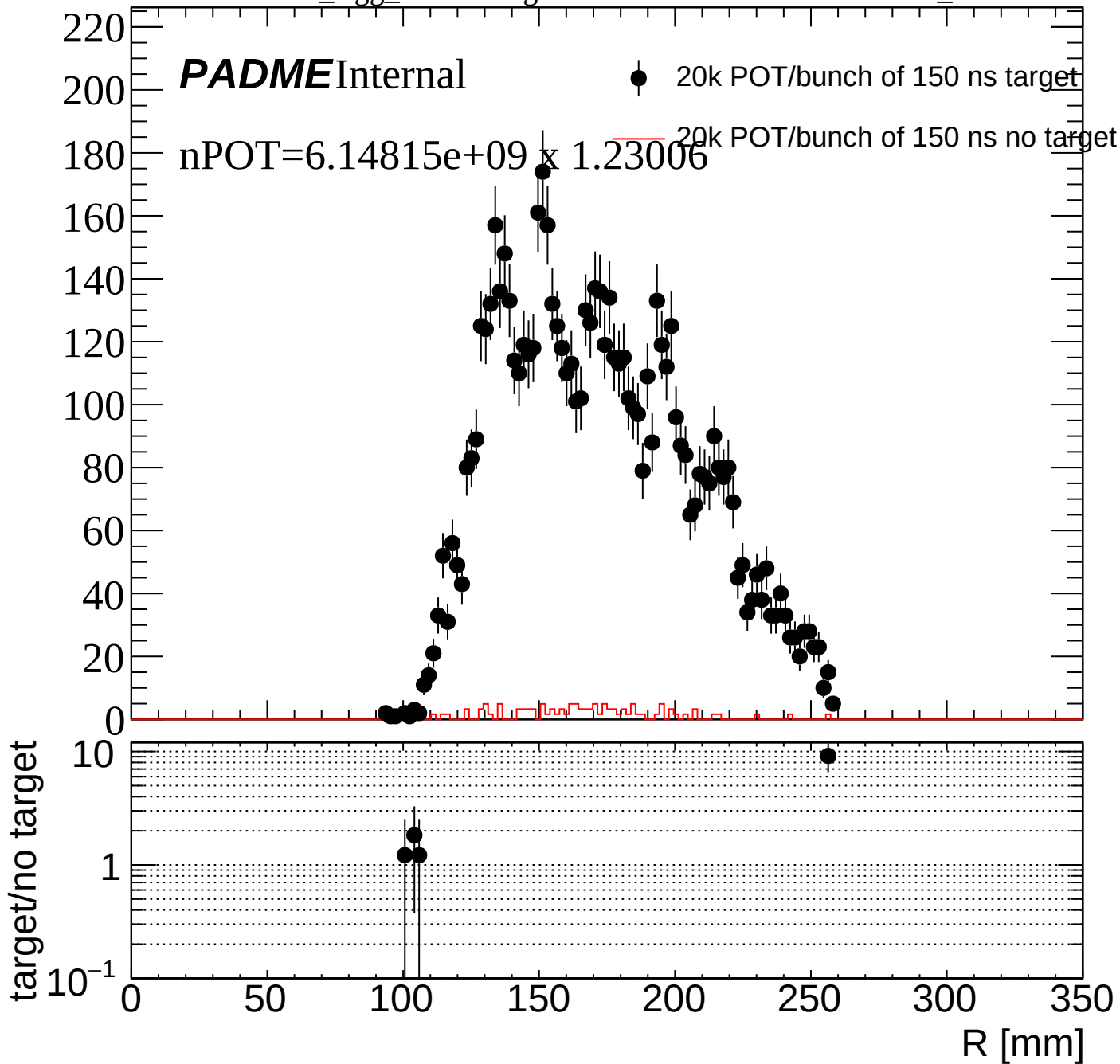


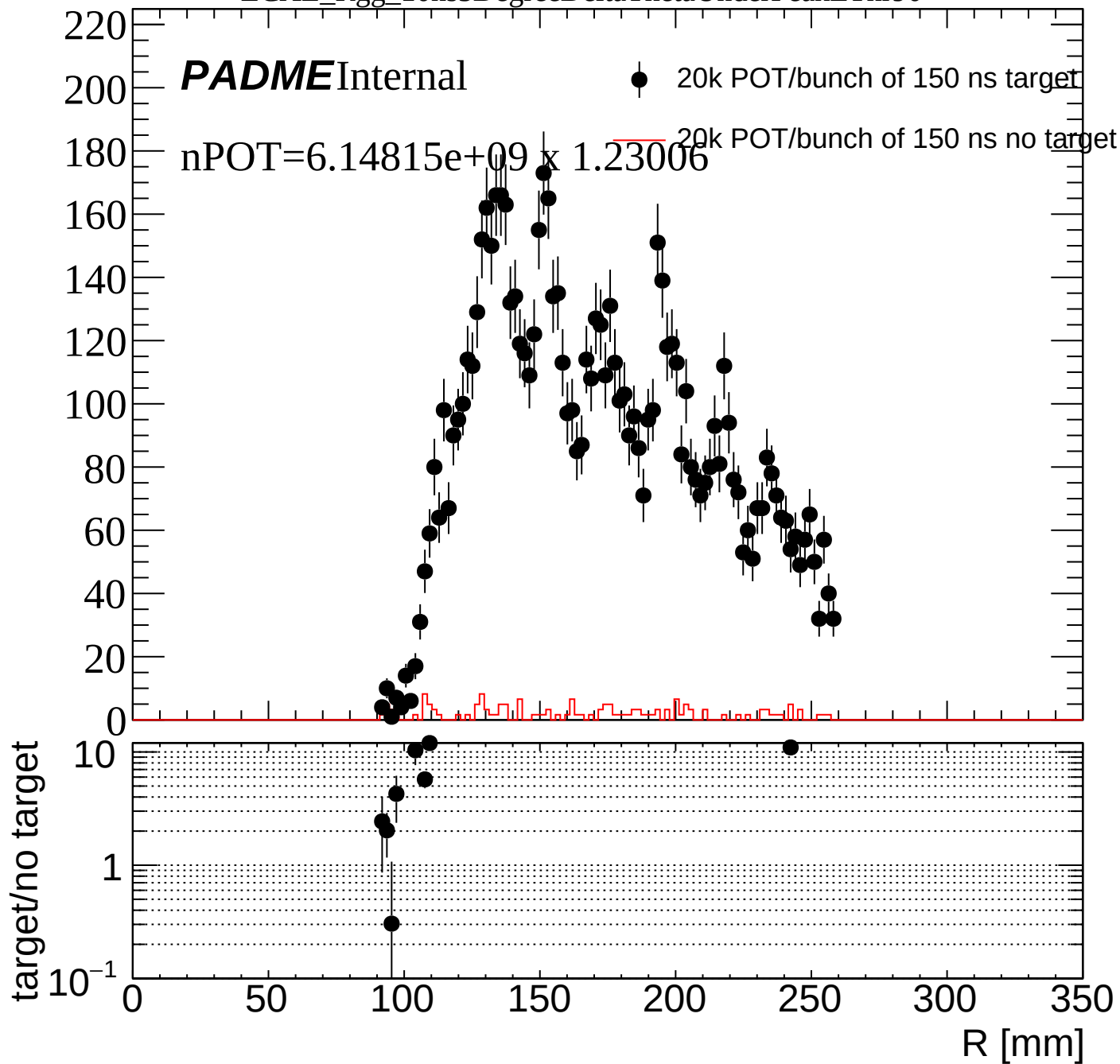












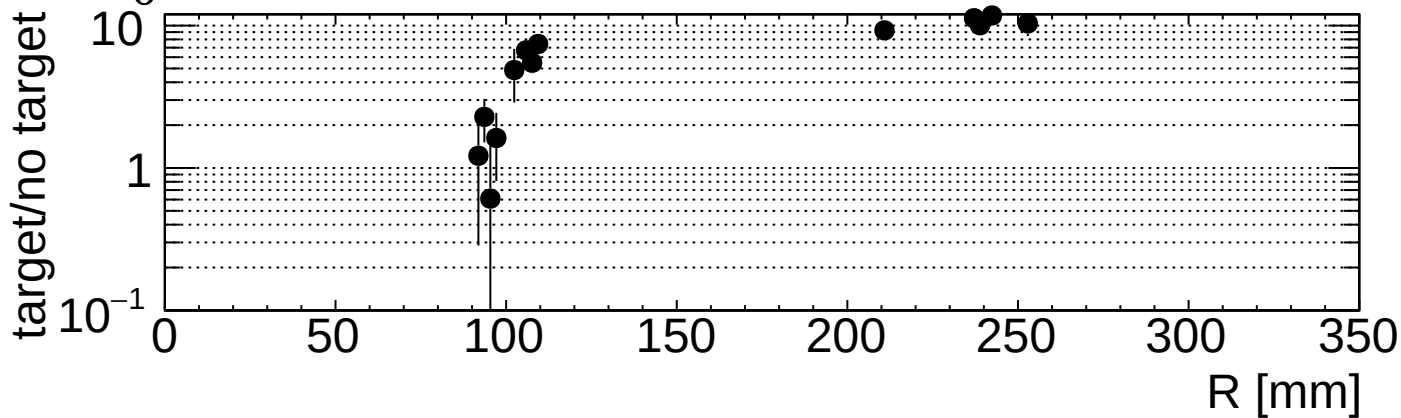
ECAL_Rgg_10ns5DegreeDeltaThetaEThr90

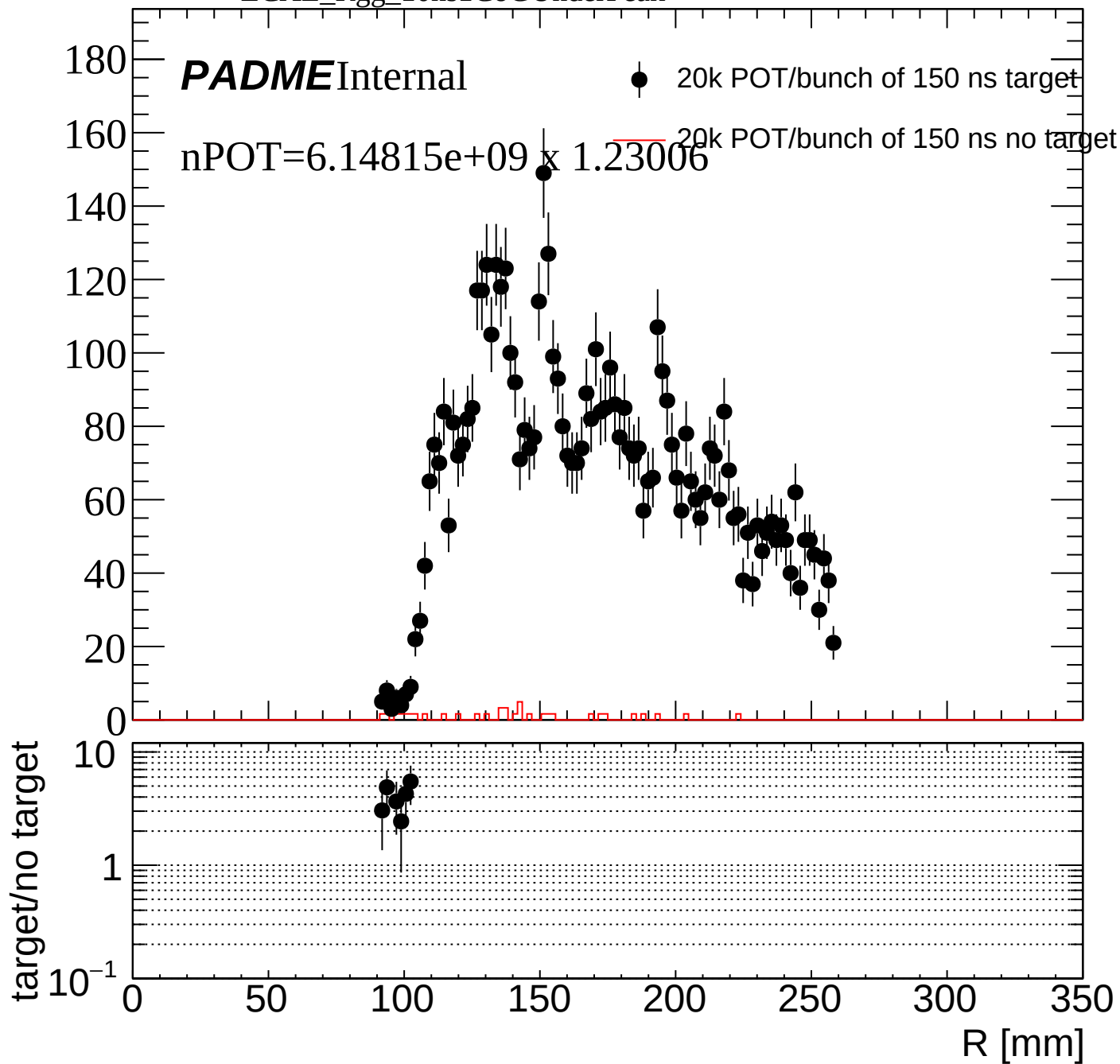
PADME Internal

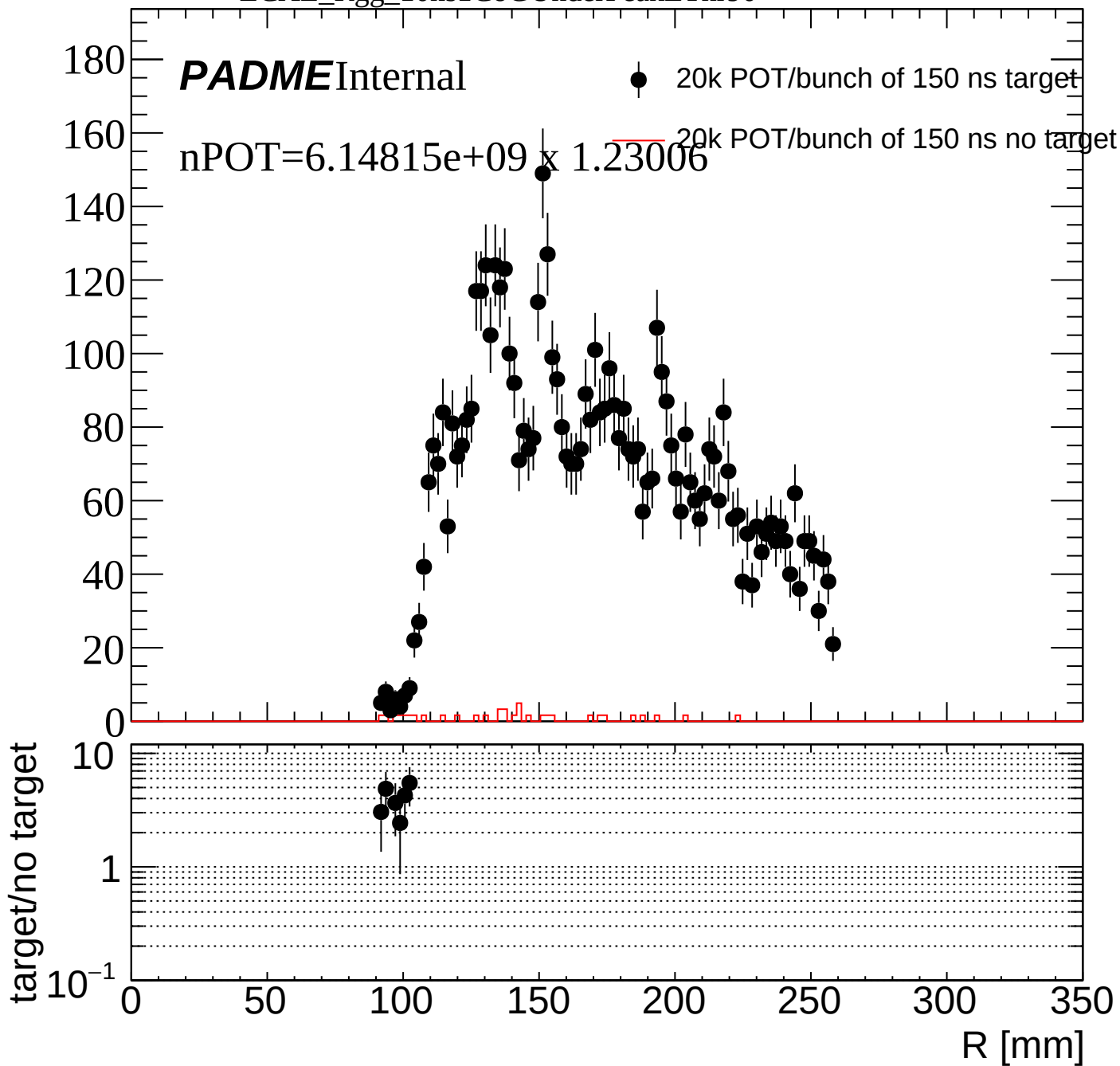
● 20k POT/bunch of 150 ns target

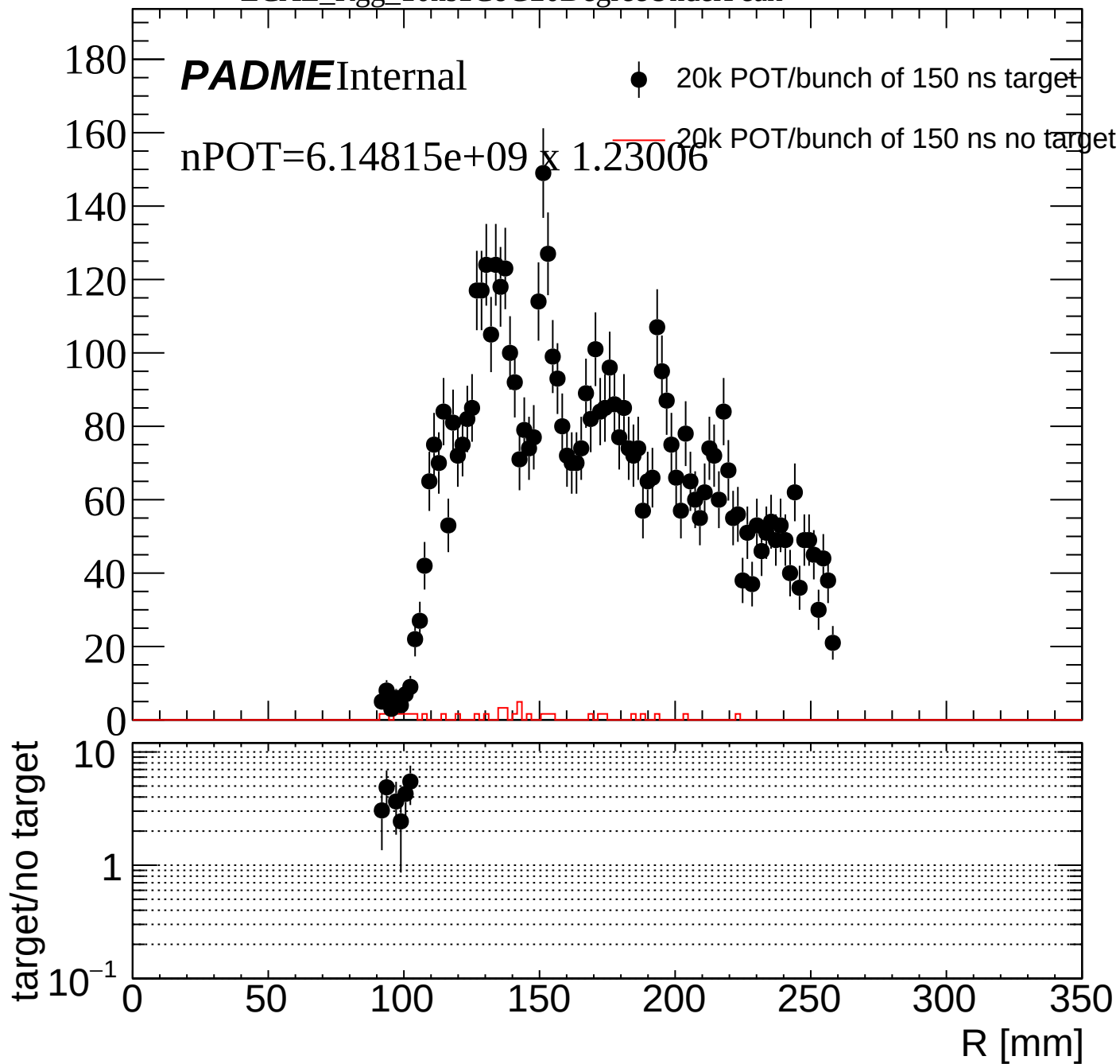
— 20k POT/bunch of 150 ns no target

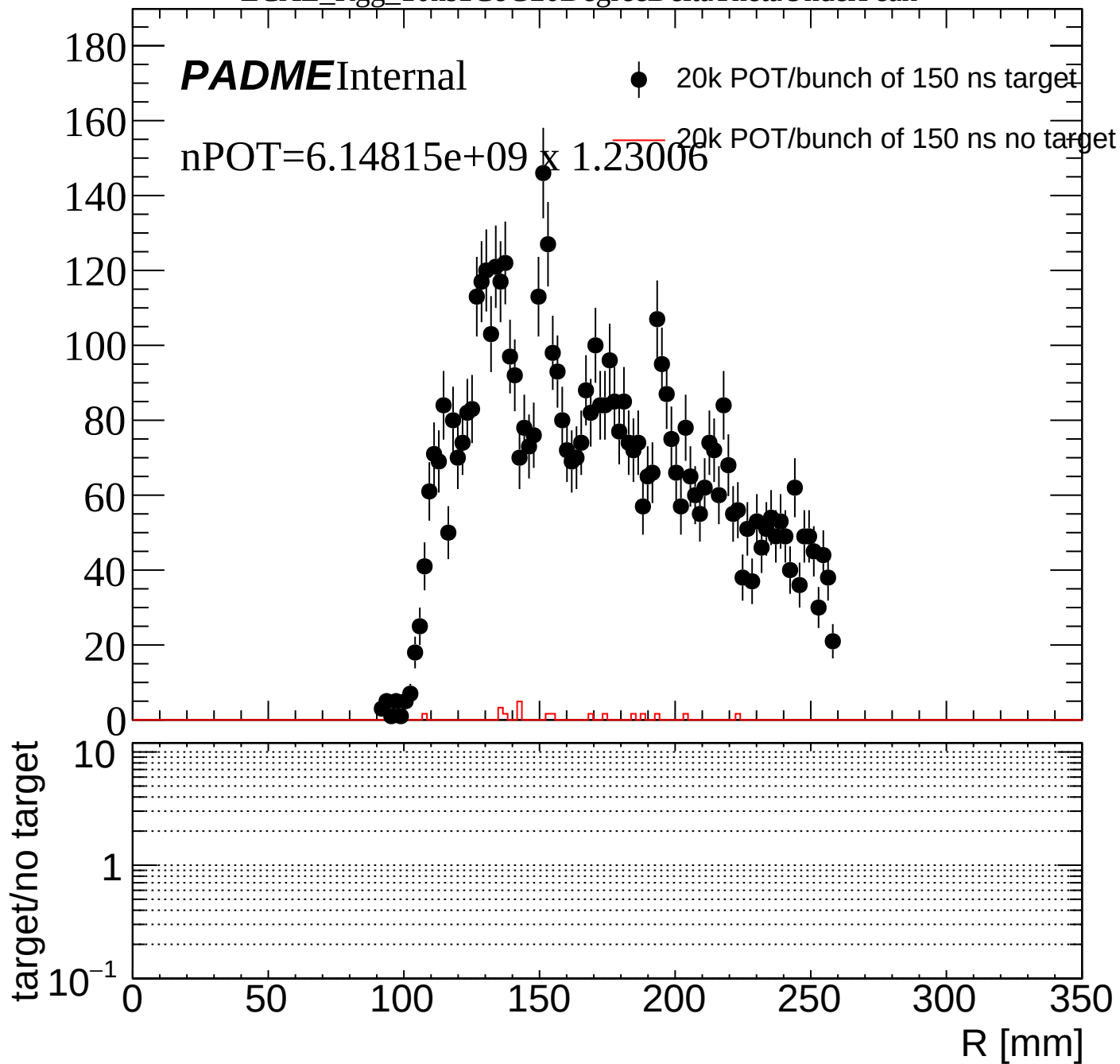
nPOT=6.14815e+09 x 1.23006

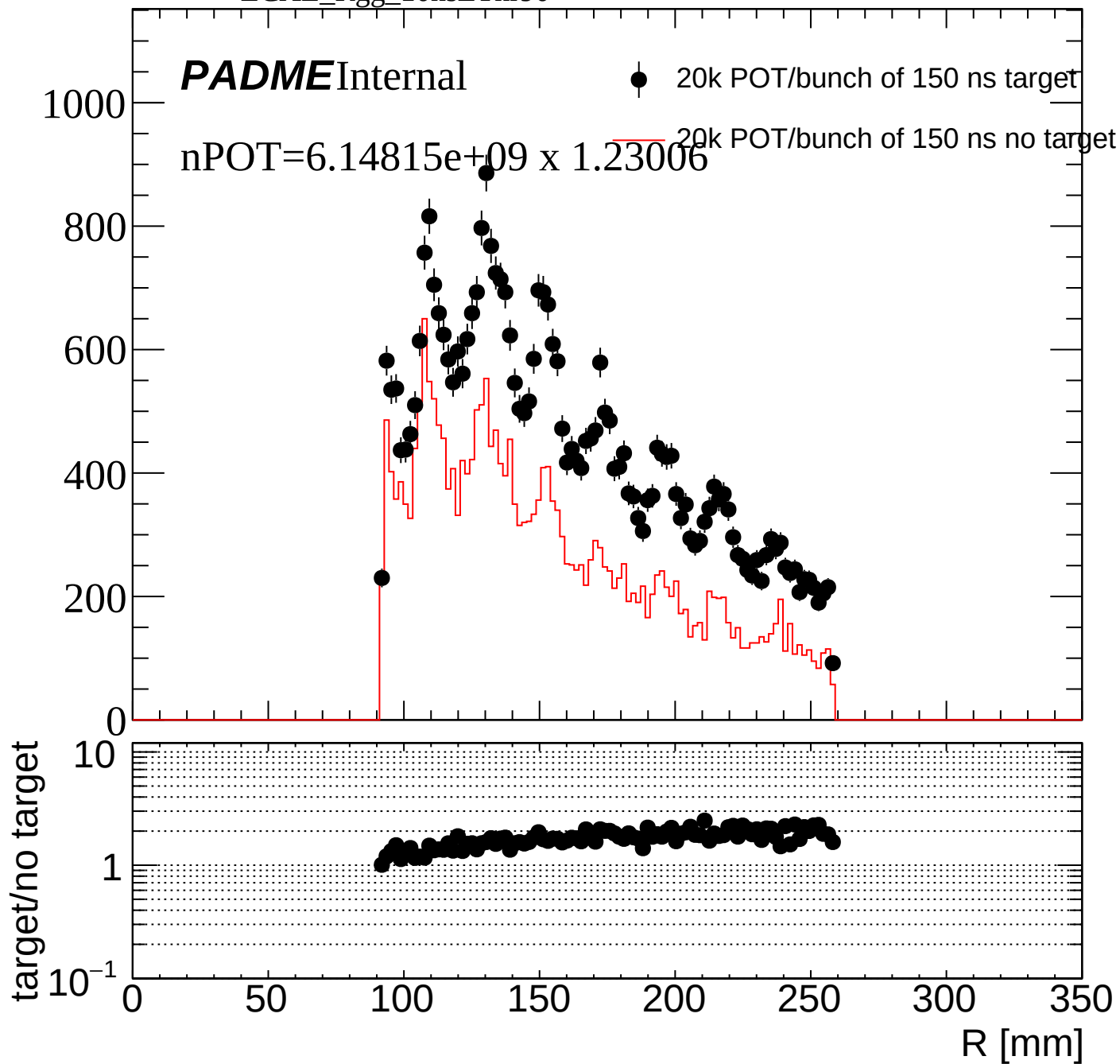


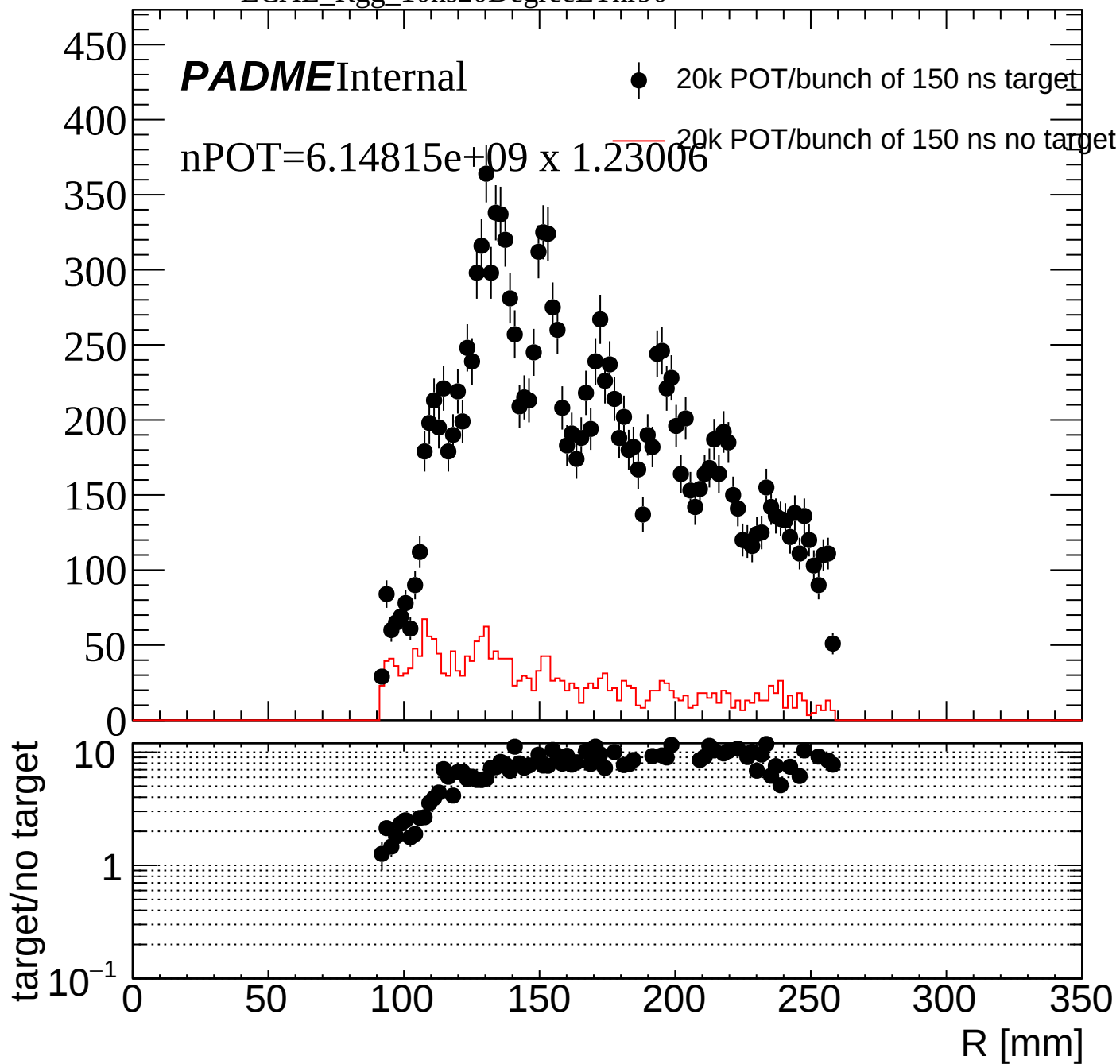


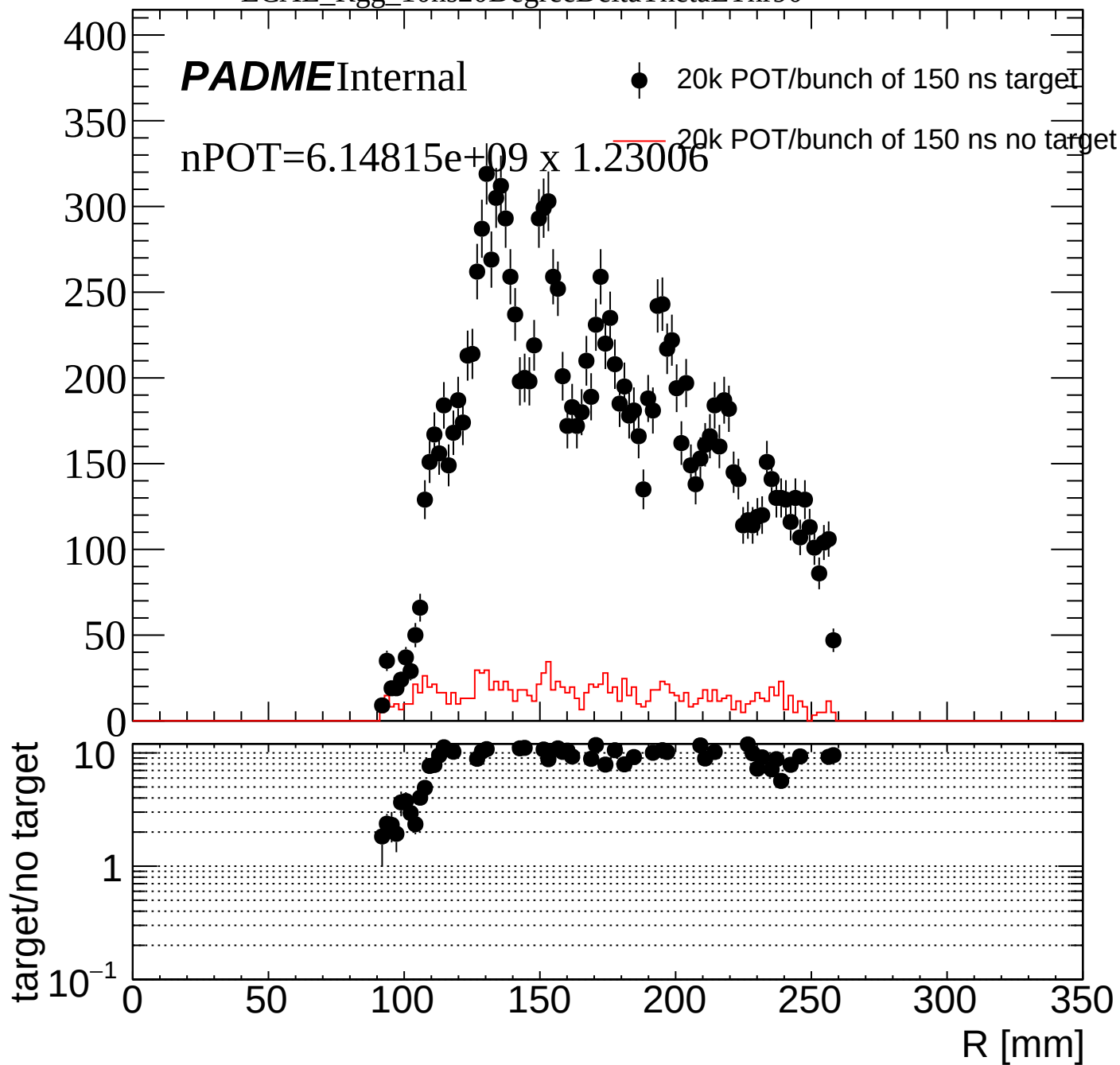


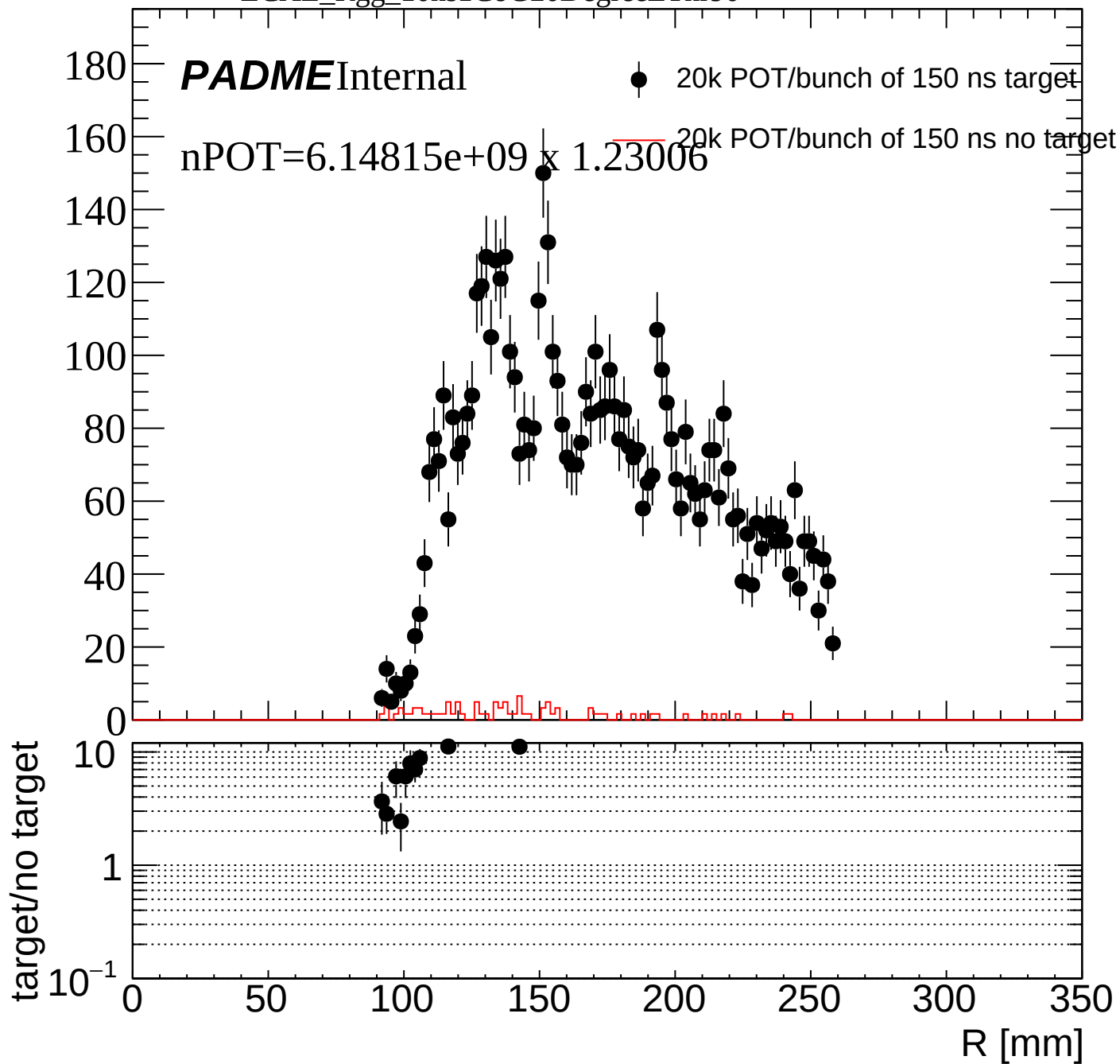


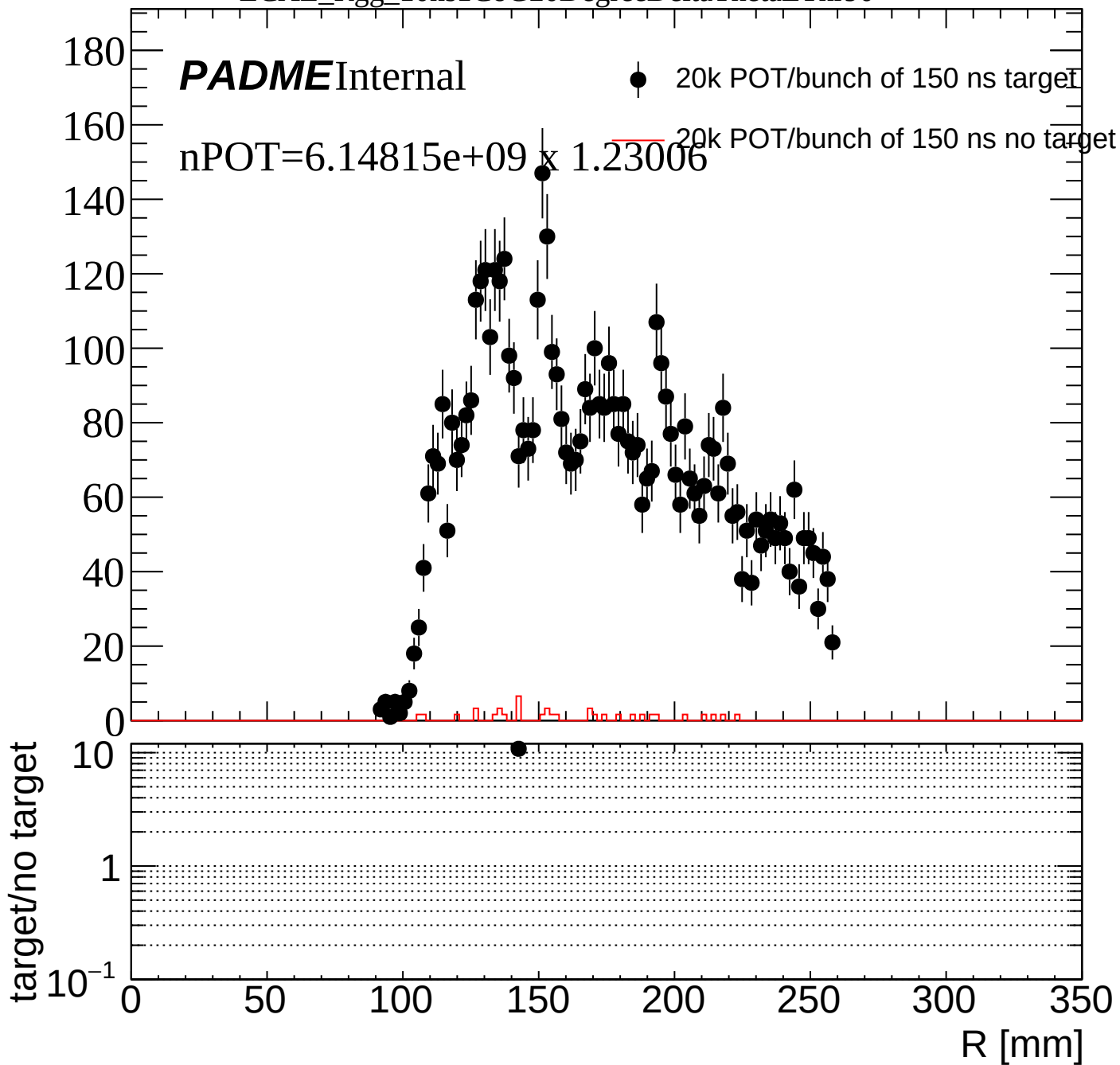












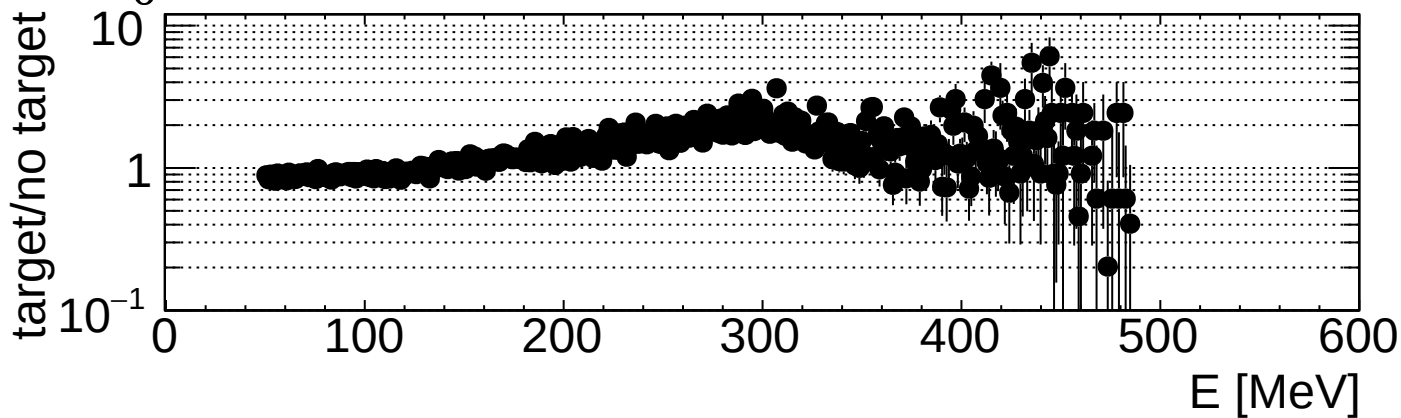
ECAL_Egg_10ns

PADME Internal

● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target



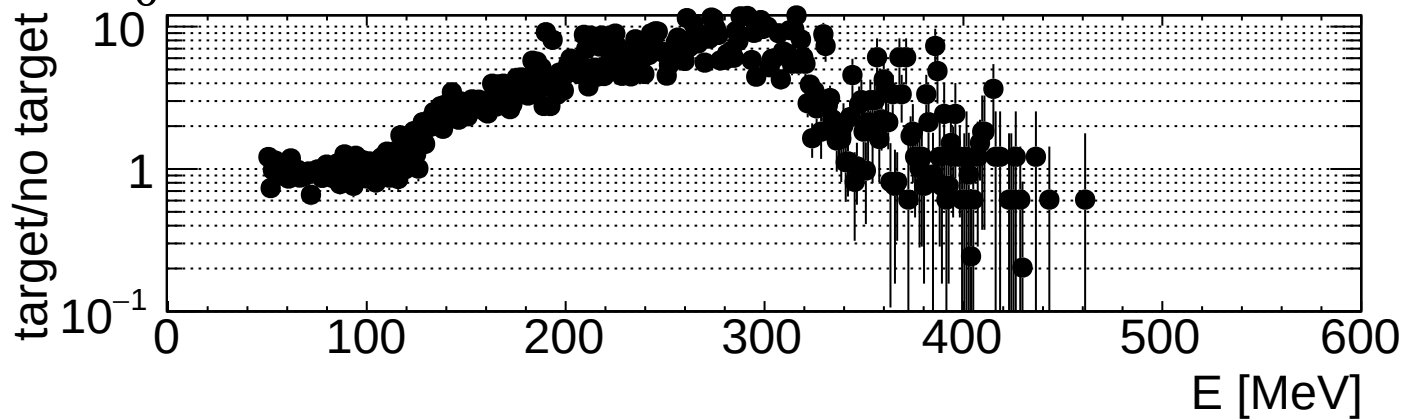
ECAL_Egg_10ns20Degree

PADMEInternal

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target

nPOT=6.14815e+09 x 1.23006



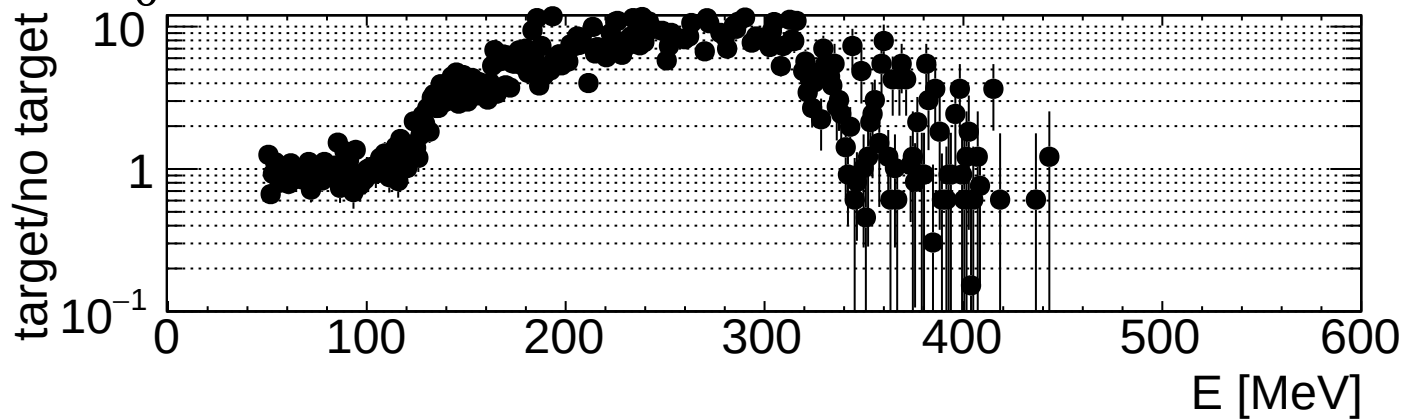
ECAL_Egg_10ns20DegreeDeltaTheta

PADMEInternal

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target

nPOT=6.14815e+09 x 1.23006



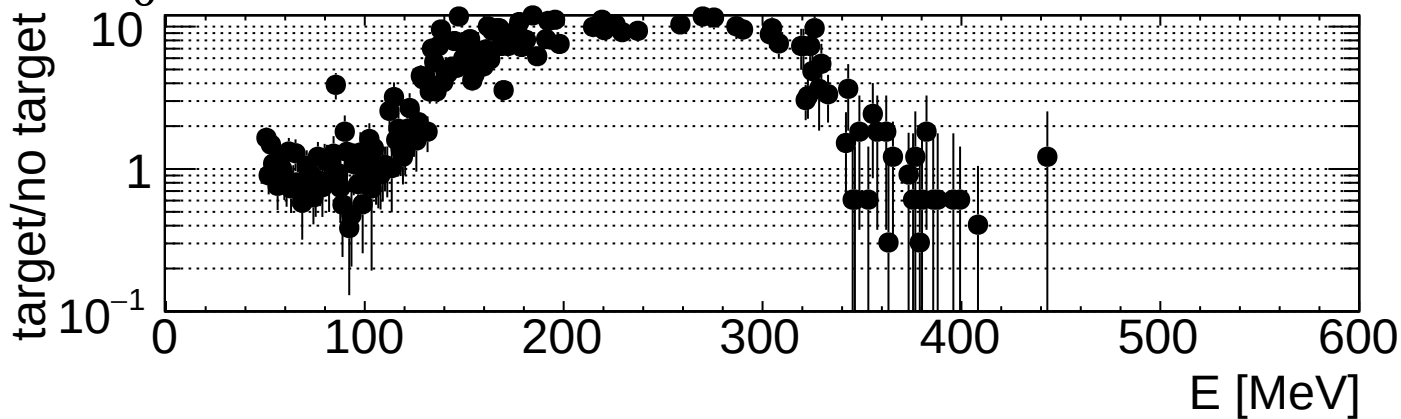
ECAL_Egg_10ns5DegreeDeltaTheta

PADMEInternal

● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target



ECAL_Egg_10ns20DegreeDeltaThetaUnderPeak

PADME Internal

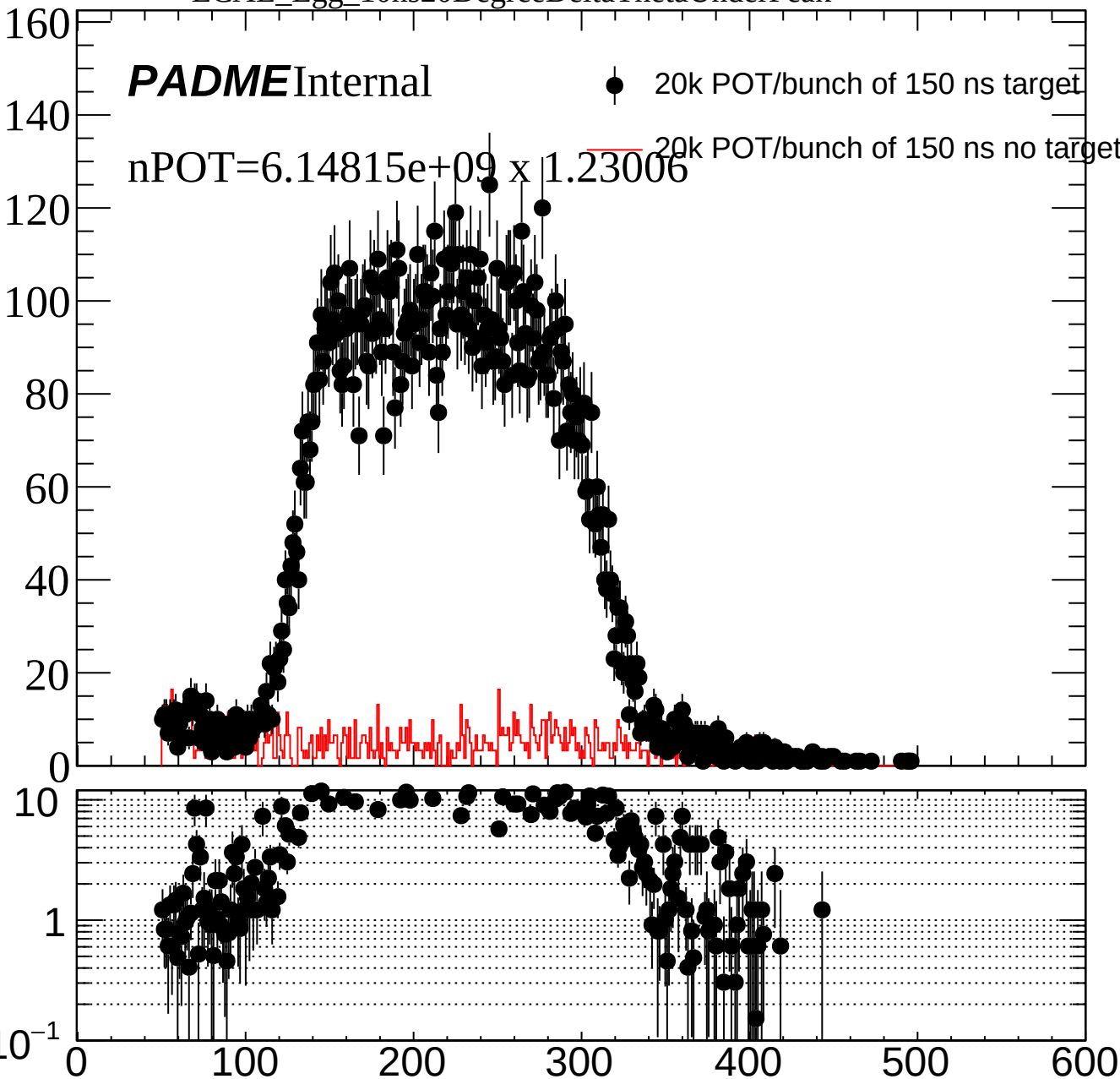
● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target

target/no target

E [MeV]



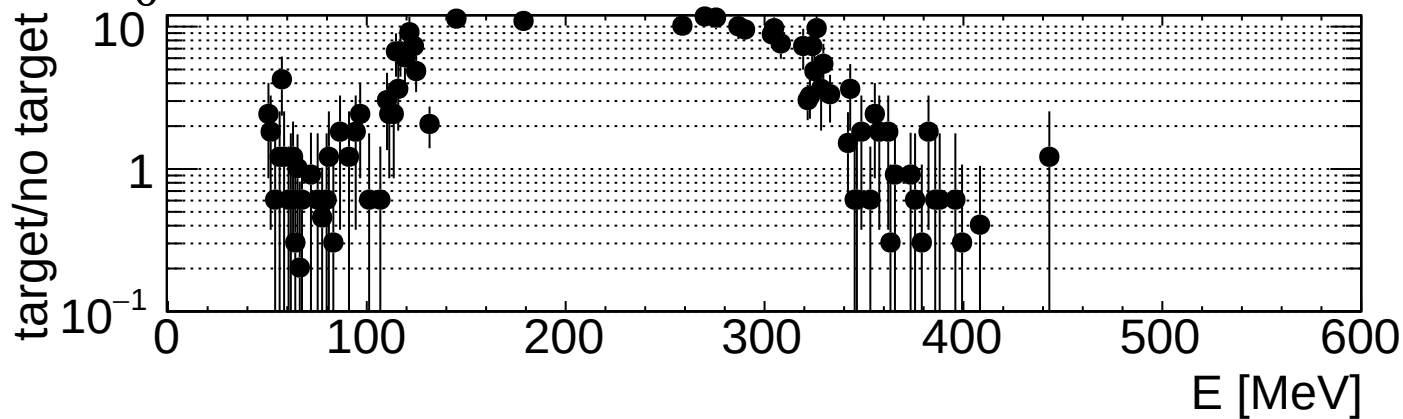
ECAL_Egg_10ns5DegreeDeltaThetaUnderPeak

PADMEInternal

● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target



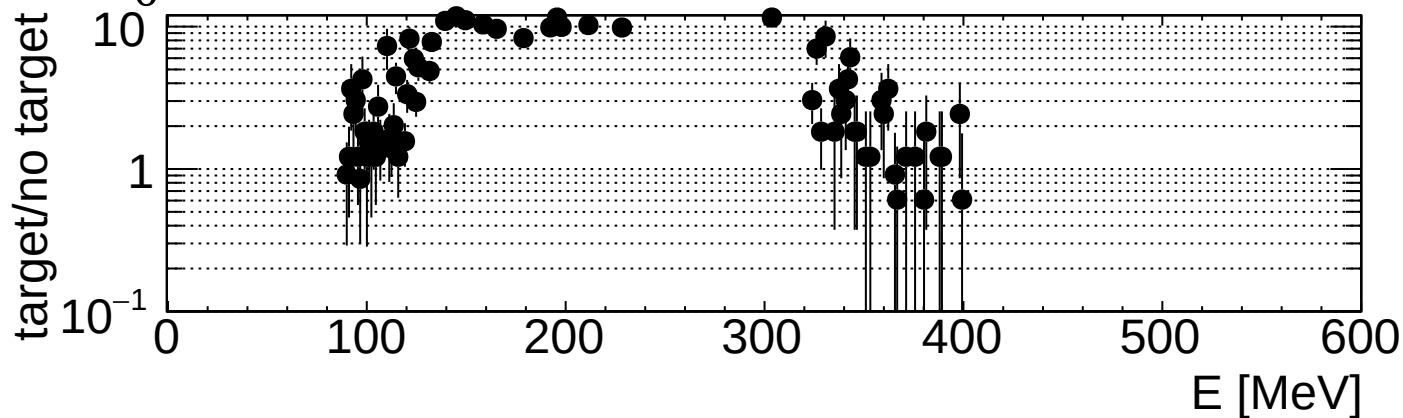
ECAL_Egg_10ns20DegreeDeltaThetaUnderPeakEThr90

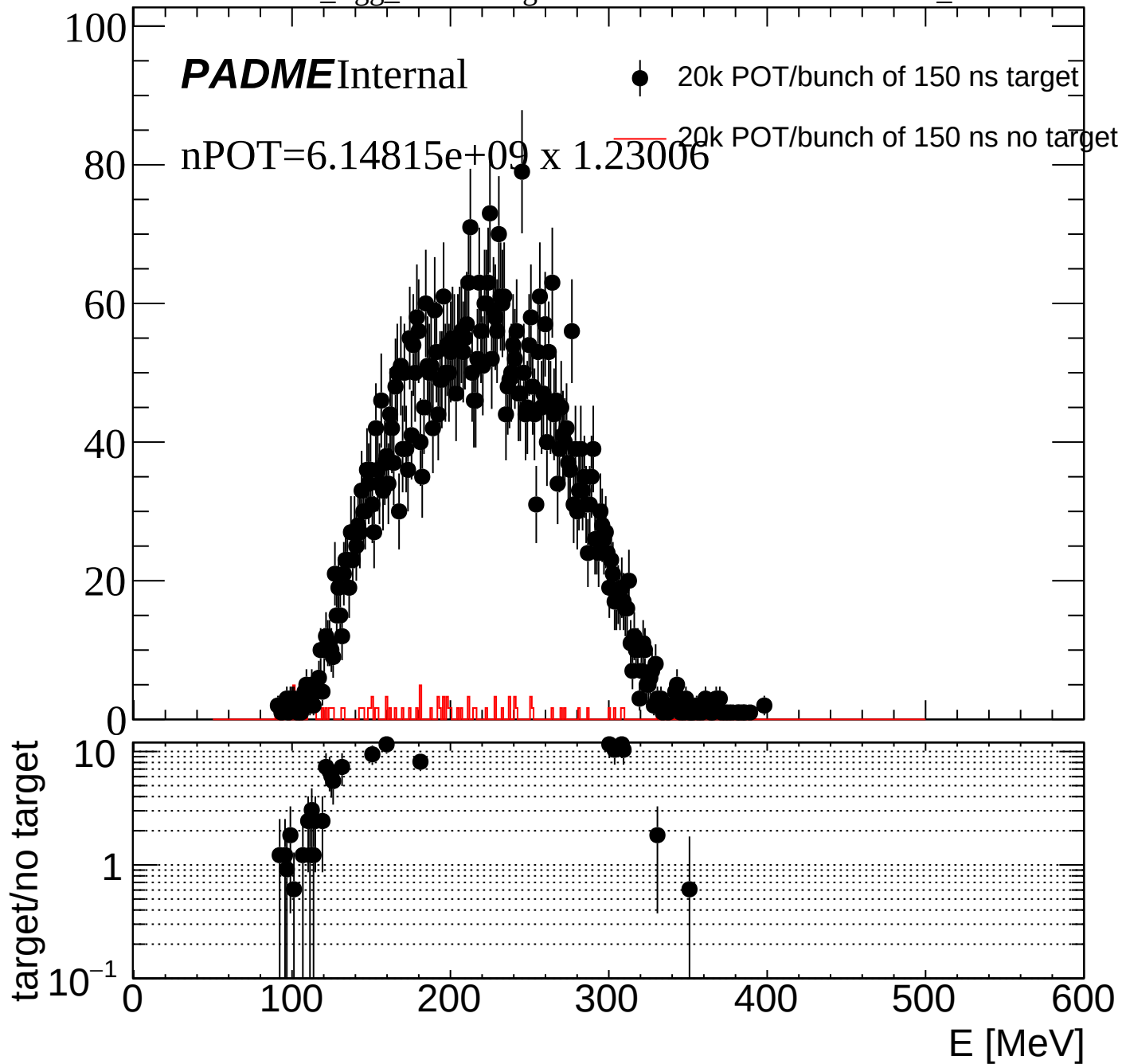
PADME Internal

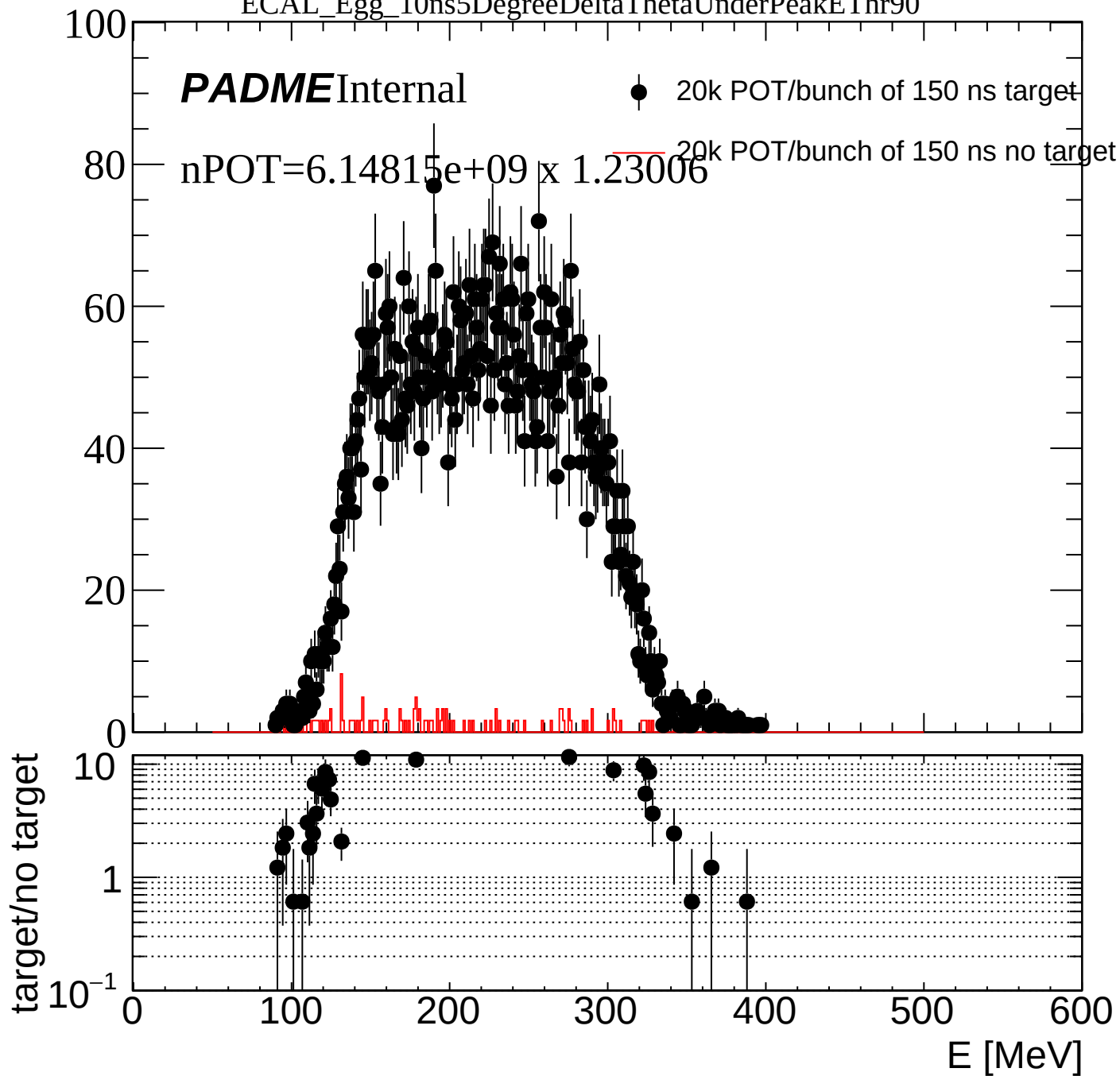
● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target







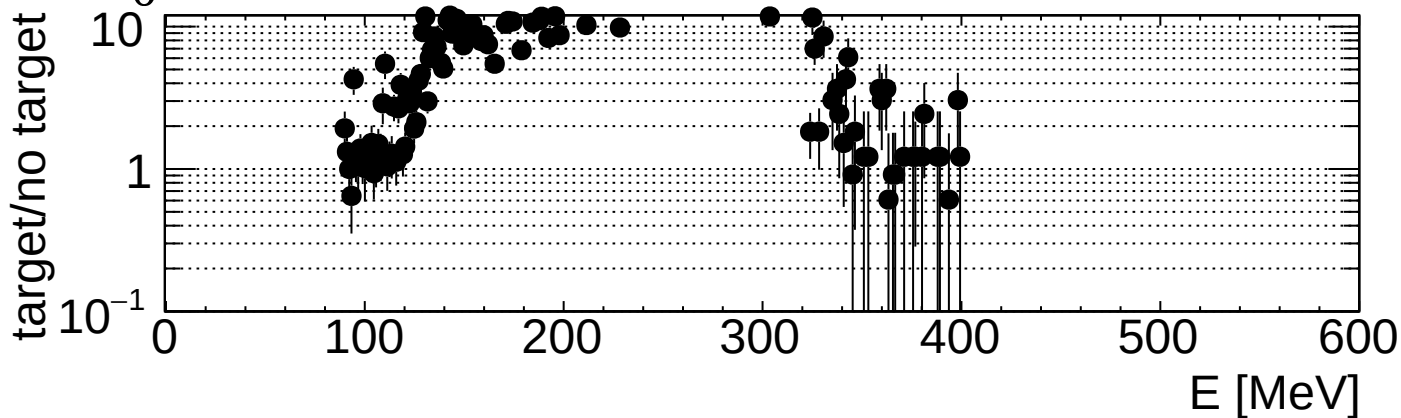
ECAL_Egg_10ns20DegreeDeltaThetaEThr90

PADME Internal

● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target

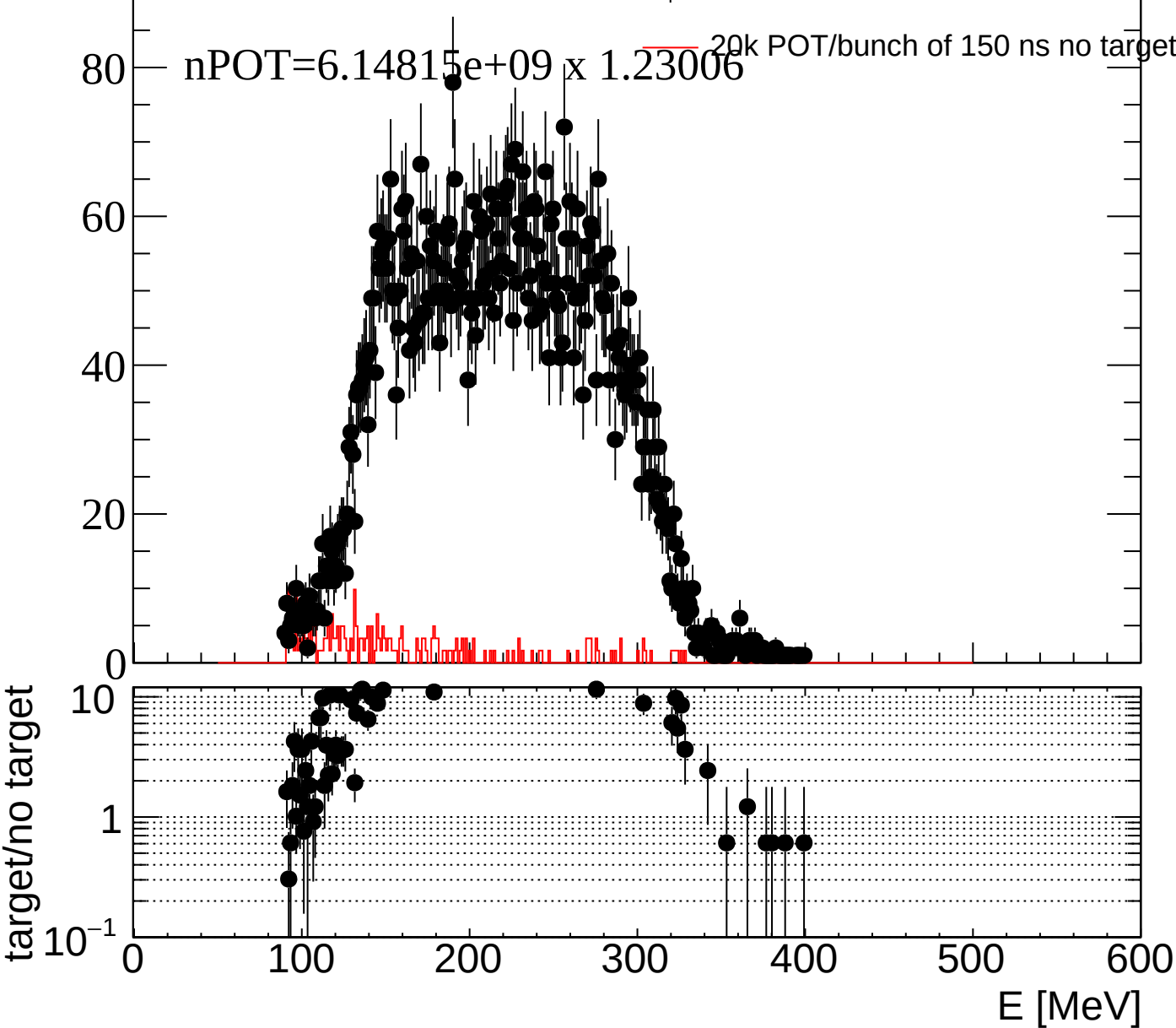


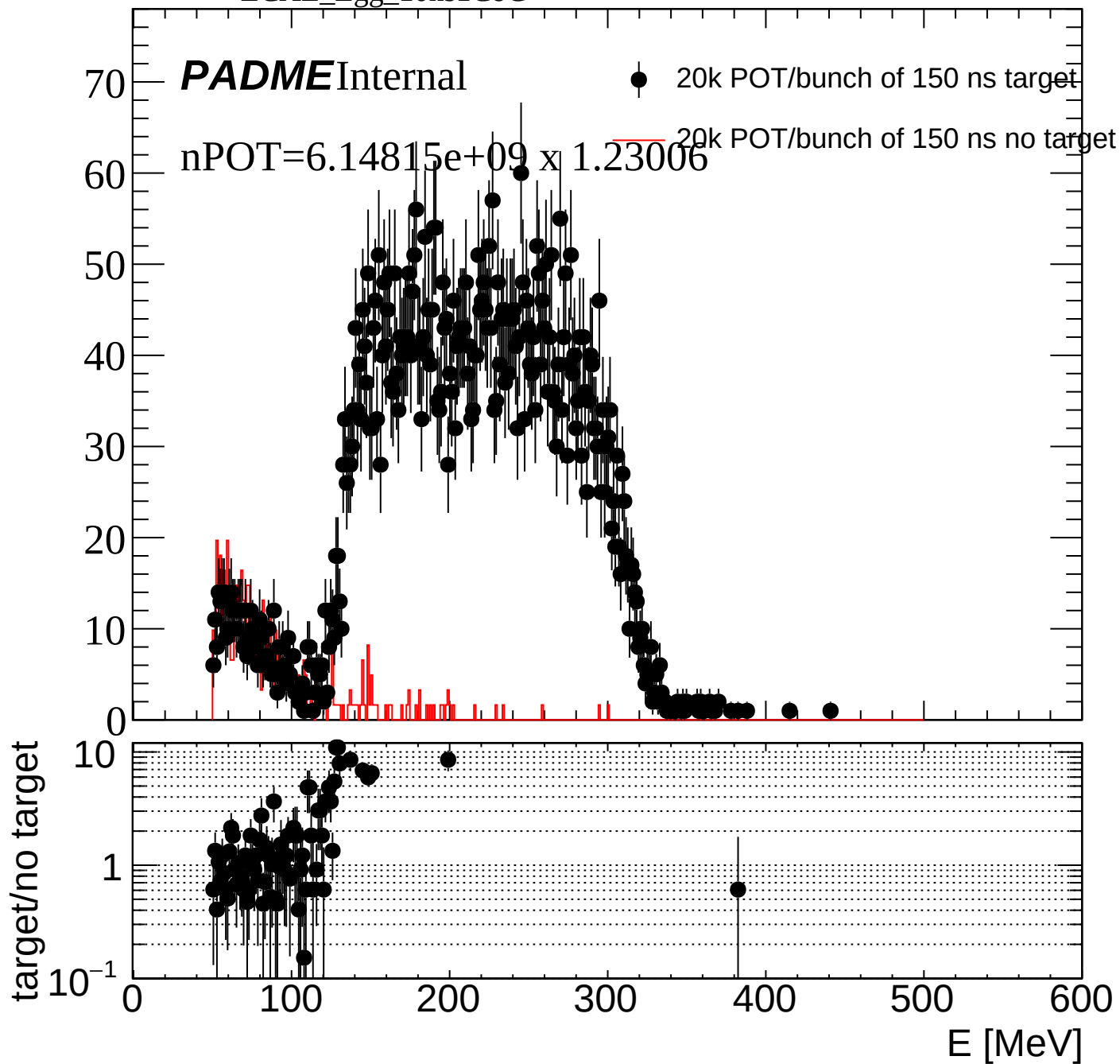
ECAL_Egg_10ns5DegreeDeltaThetaEThr90

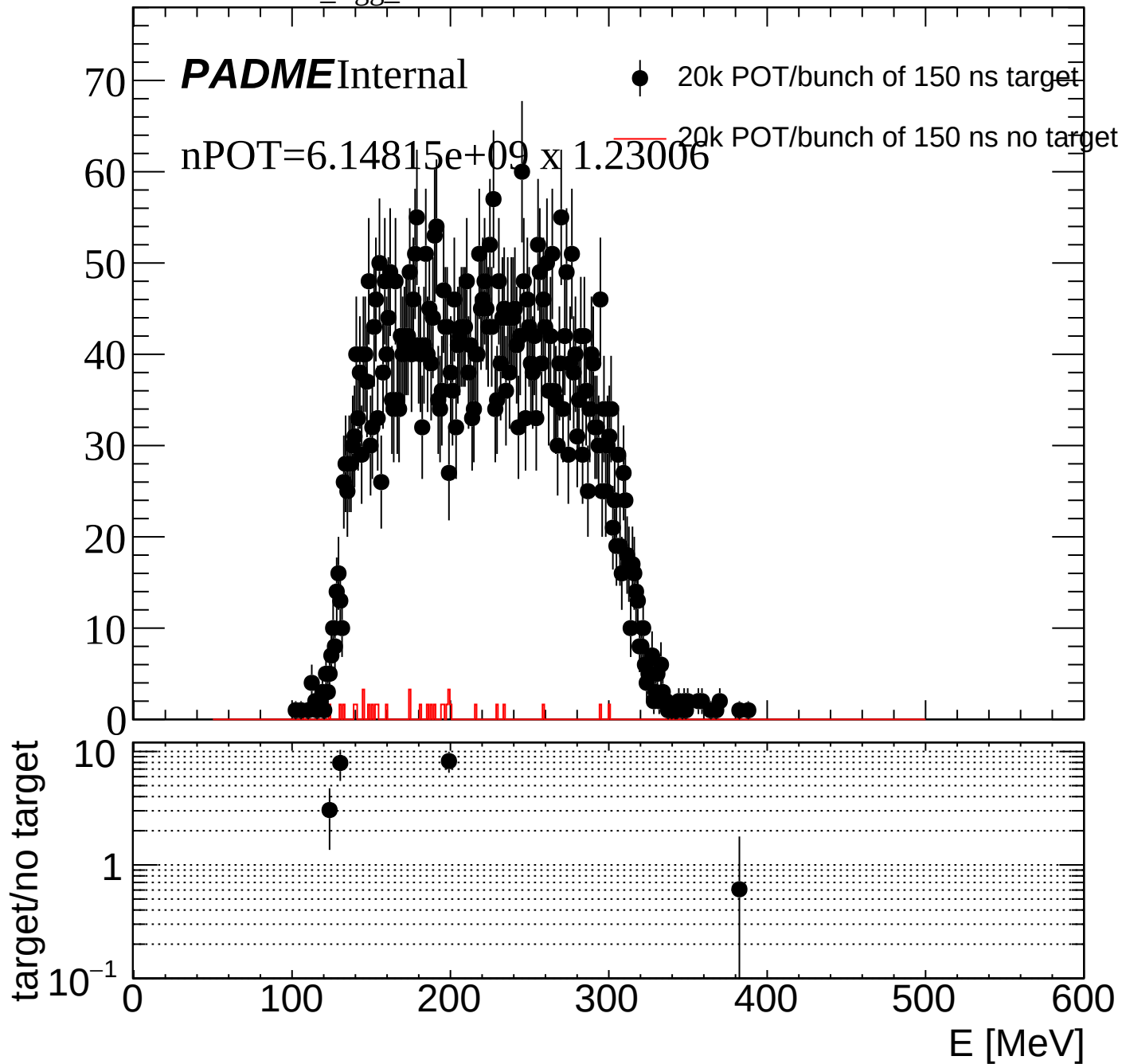
PADMEInternal

● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006







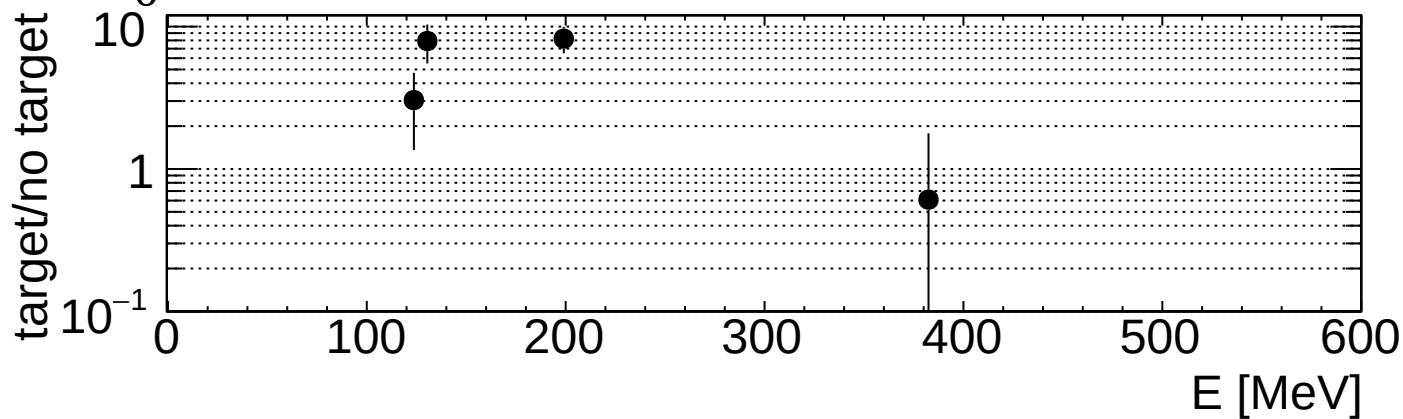
ECAL_Egg_10ns1CoGUnderPeakEThr90

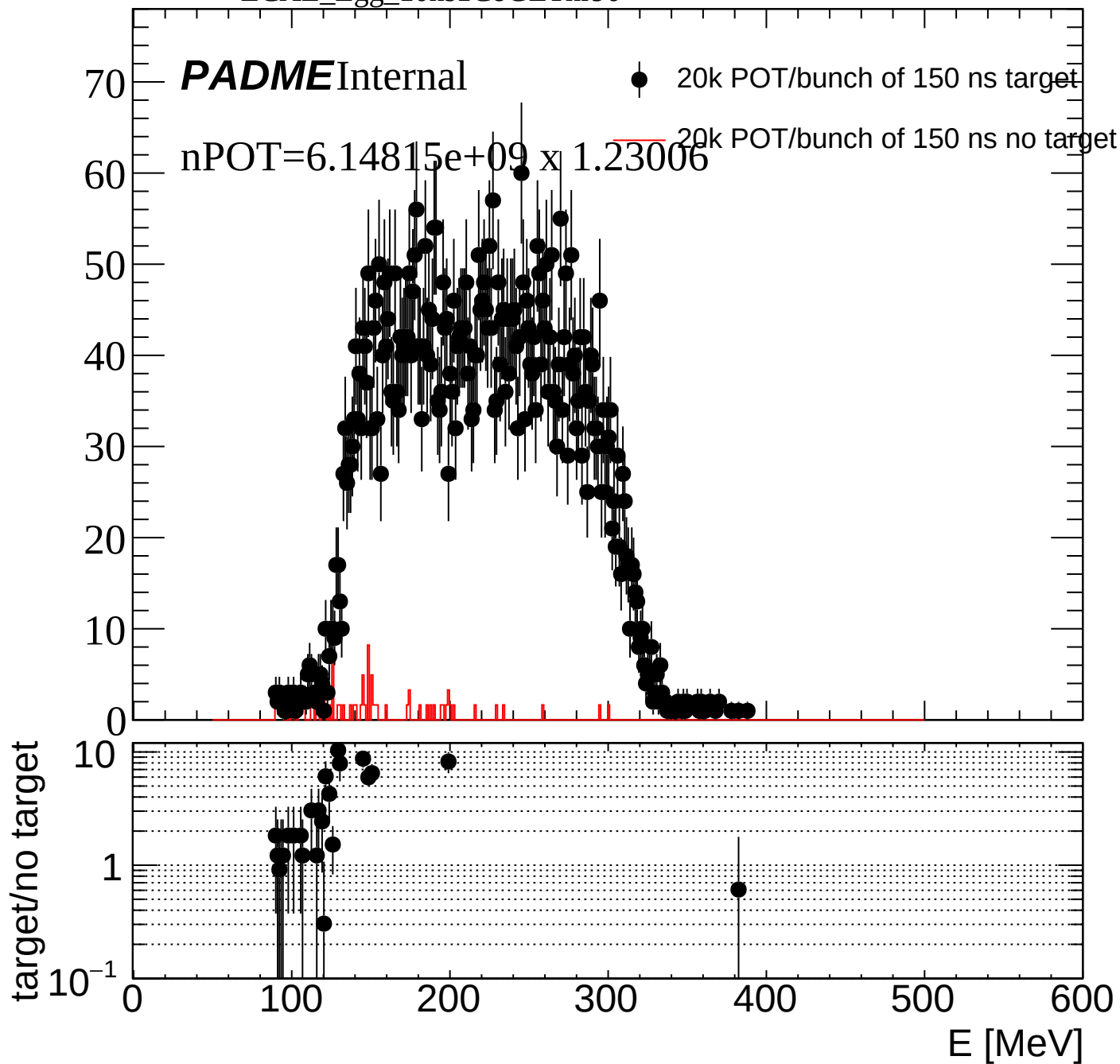
PADME Internal

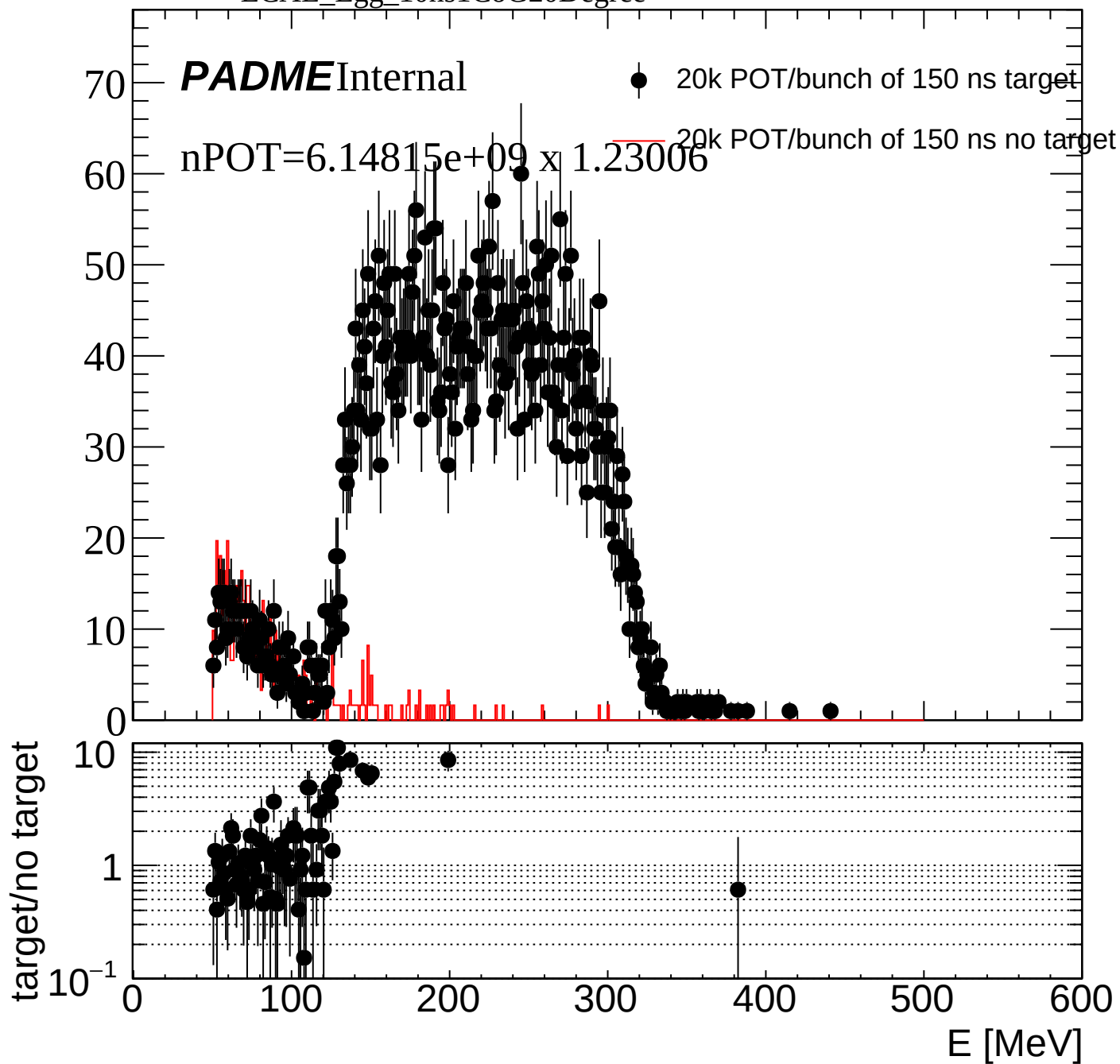
● 20k POT/bunch of 150 ns target

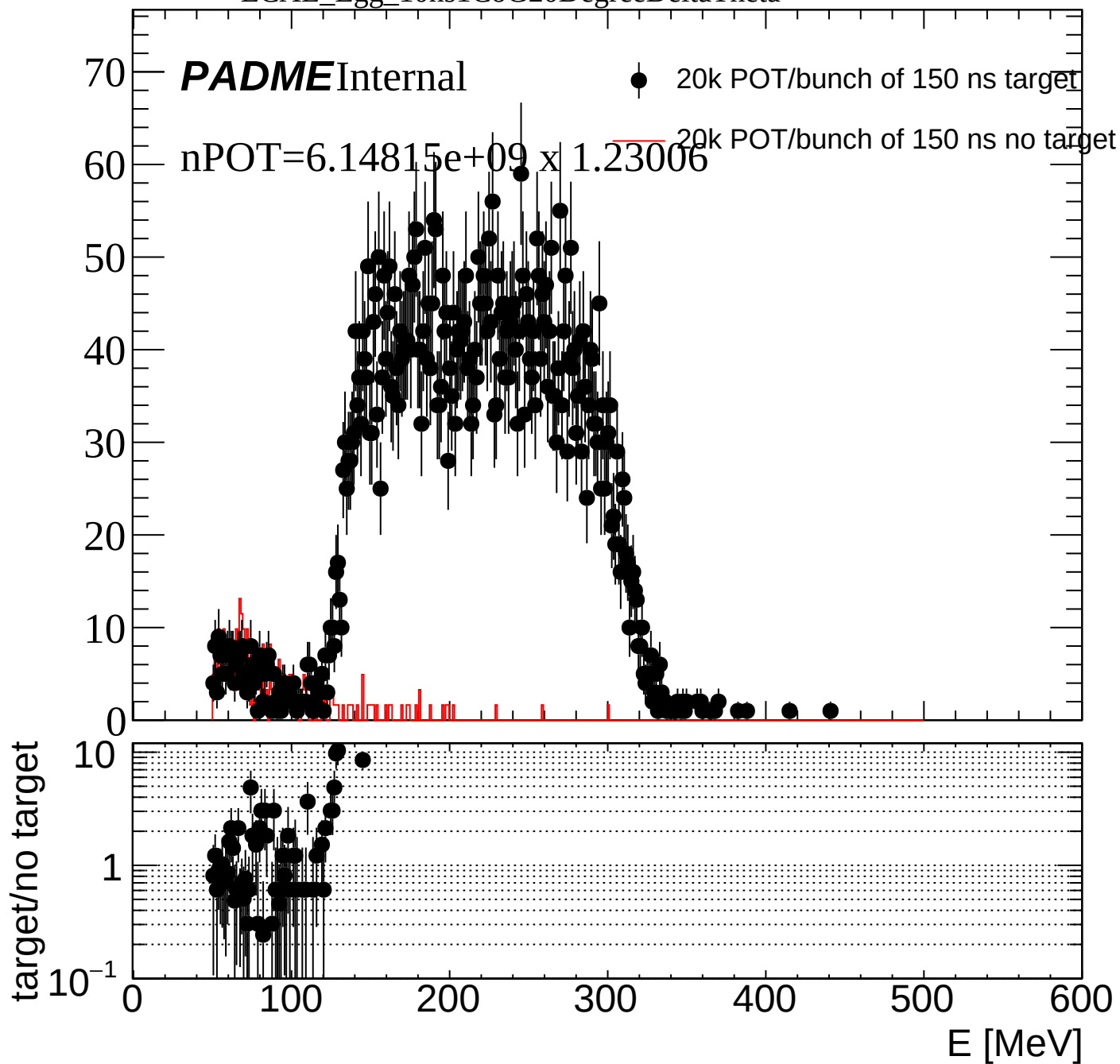
nPOT=6.14815e+09 x 1.23006

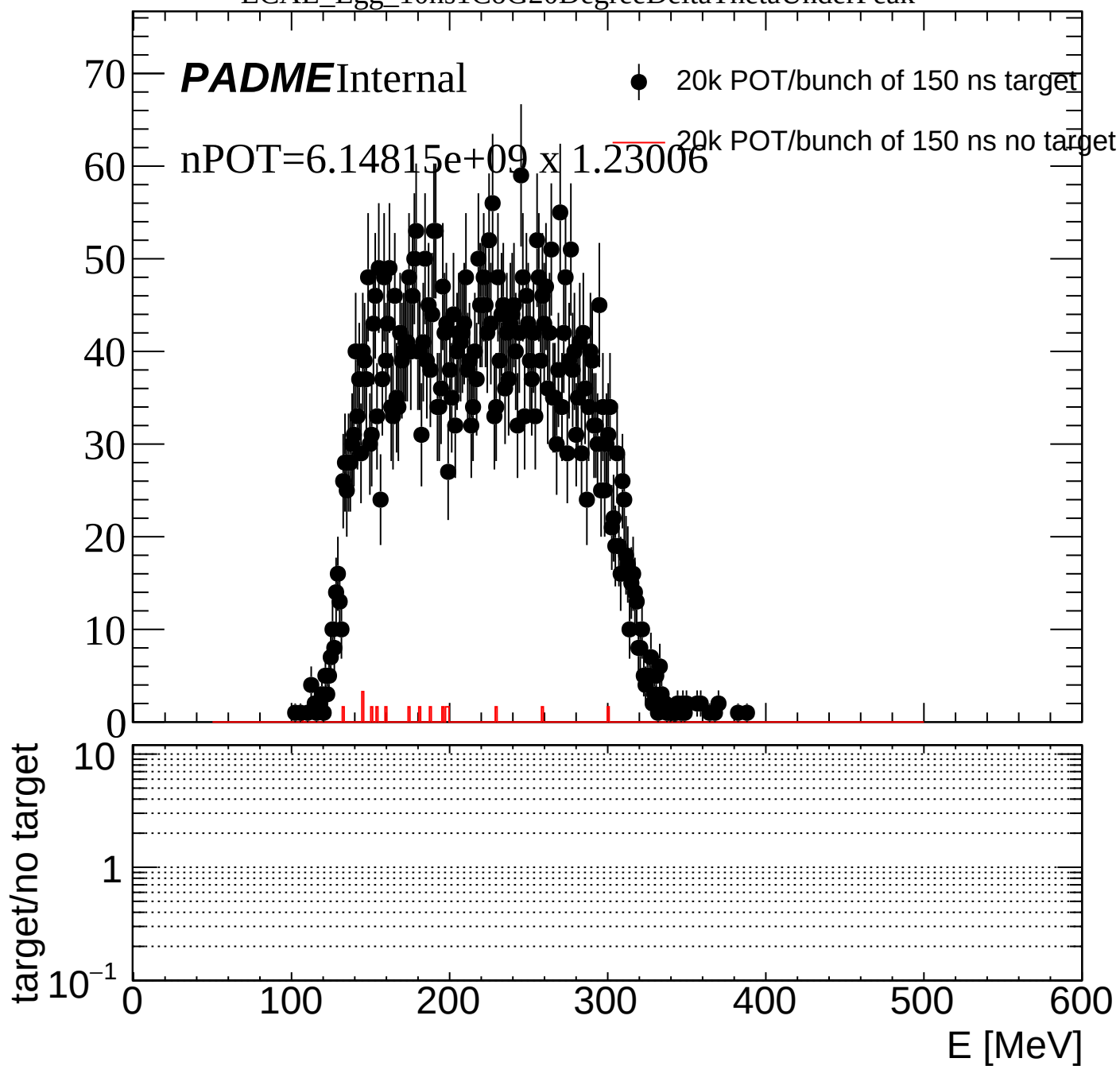
— 20k POT/bunch of 150 ns no target

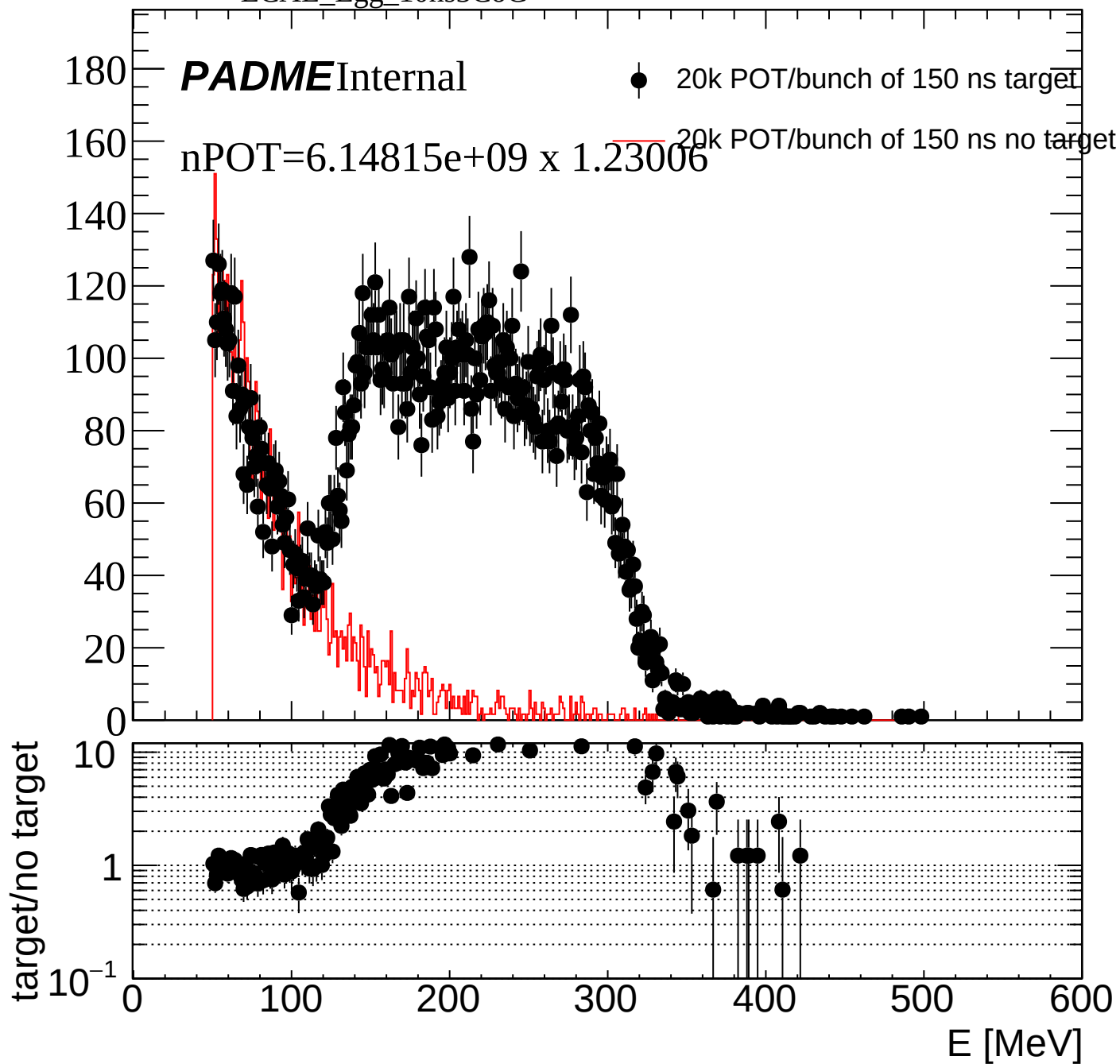












ECAL_Egg_10ns3CoGUnderPeak

PADMEInternal

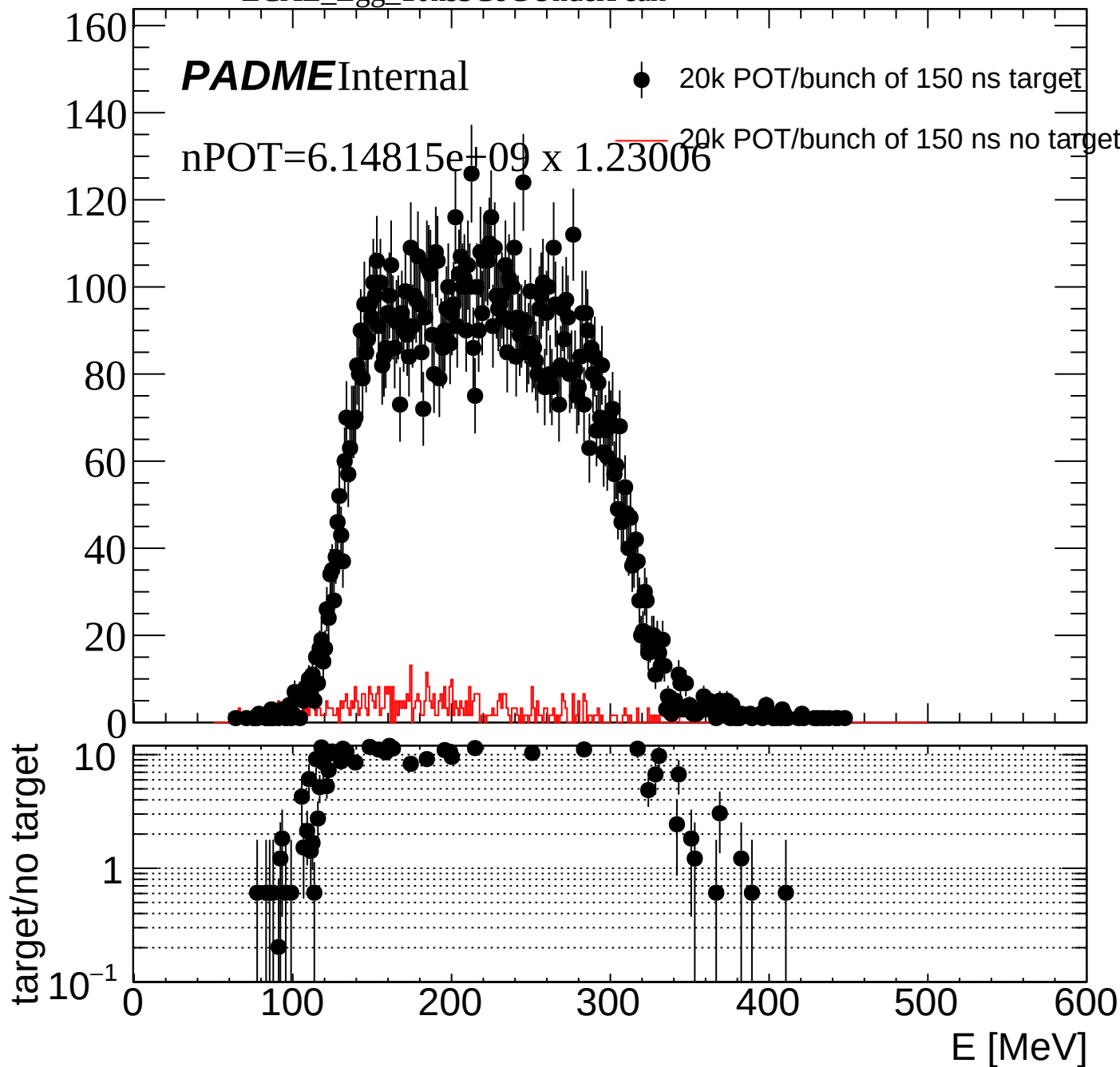
● 20k POT/bunch of 150 ns target

$n\text{POT}=6.14815\text{e}+09 \times 1.23006$

— 20k POT/bunch of 150 ns no target

target/no target

E [MeV]



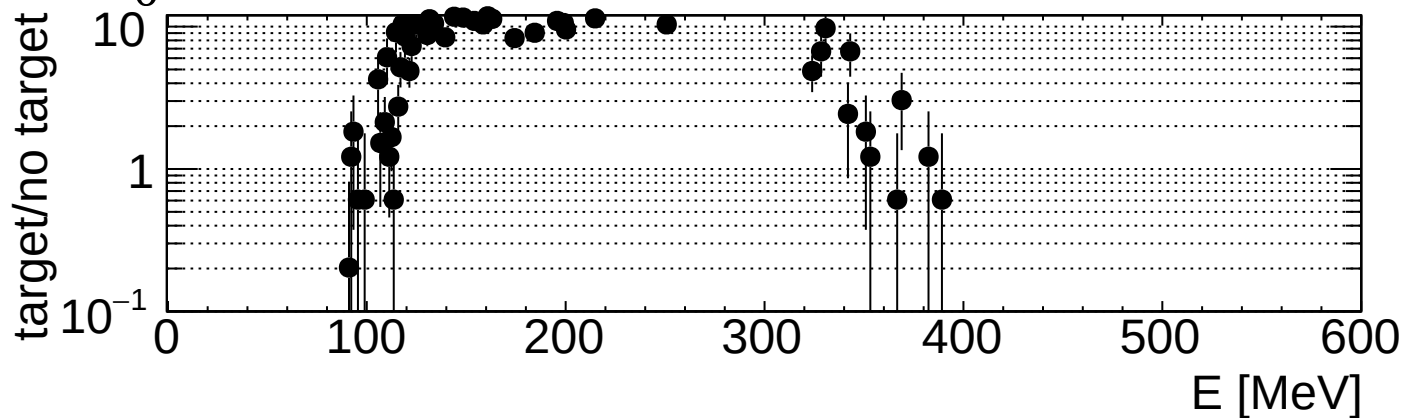
ECAL_Egg_10ns3CoGUnderPeakEThr90

PADMEInternal

● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target



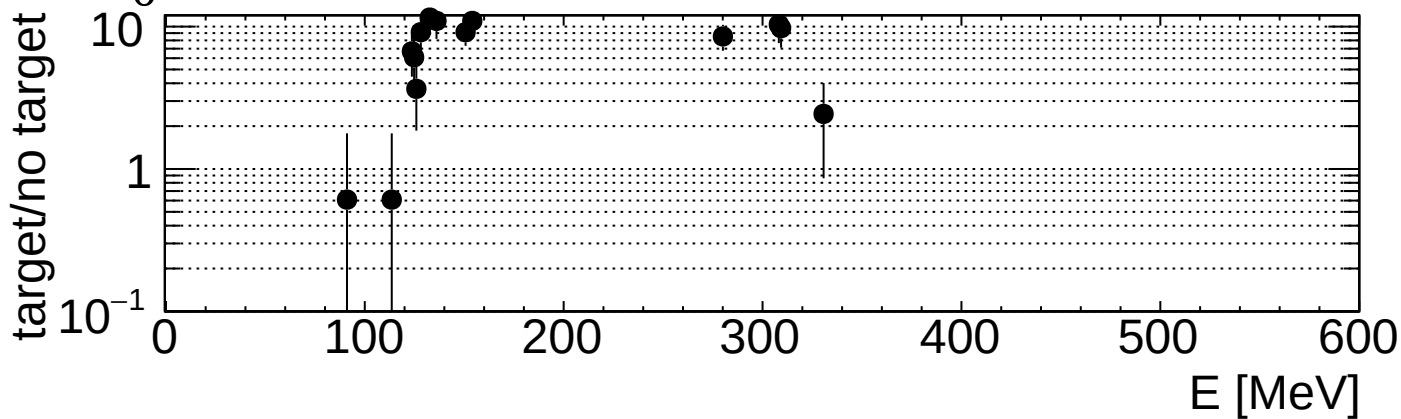
ECAL_Egg_10ns3CoGUnderPeakEThr90_FRY

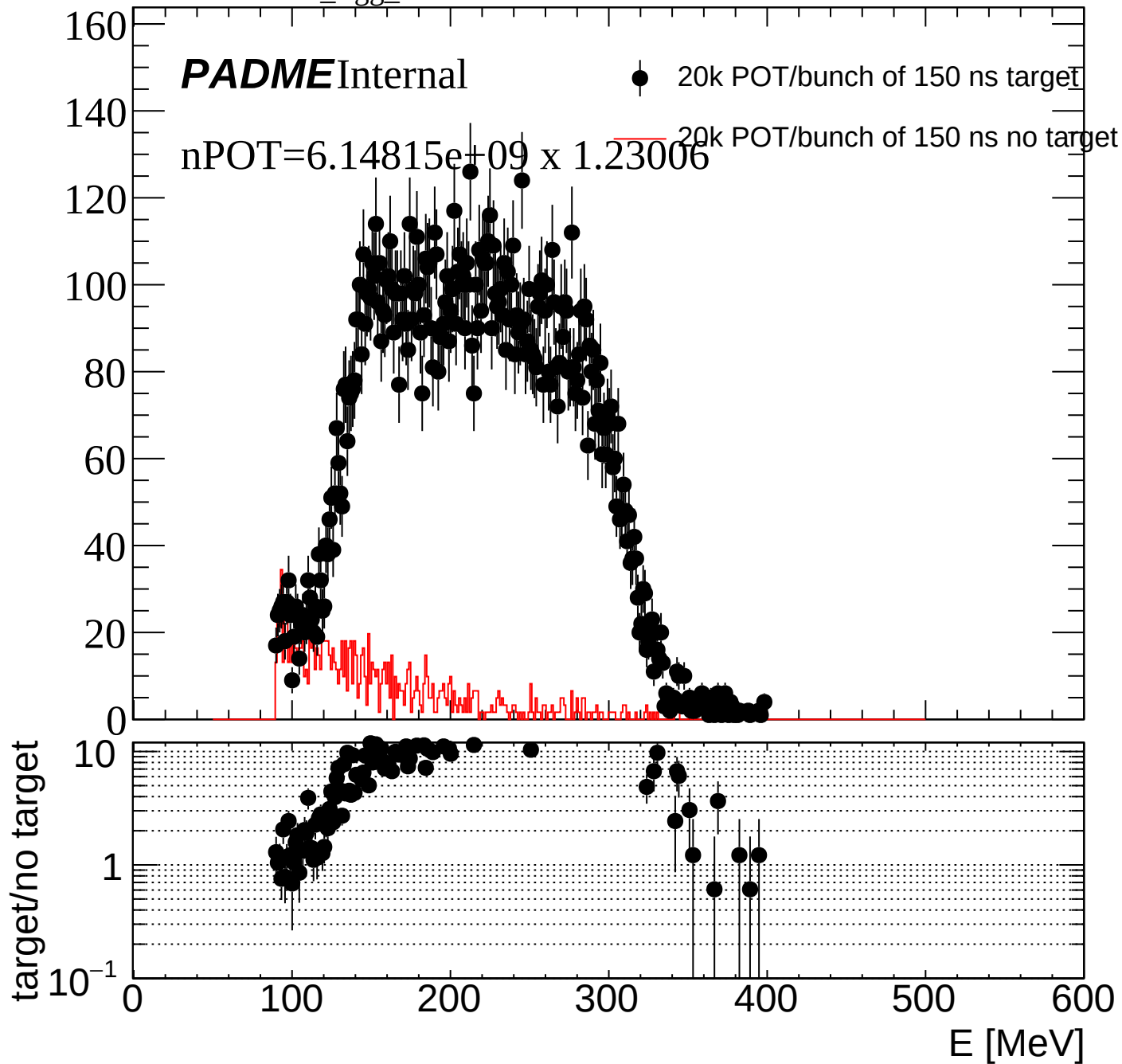
PADMEInternal

● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target





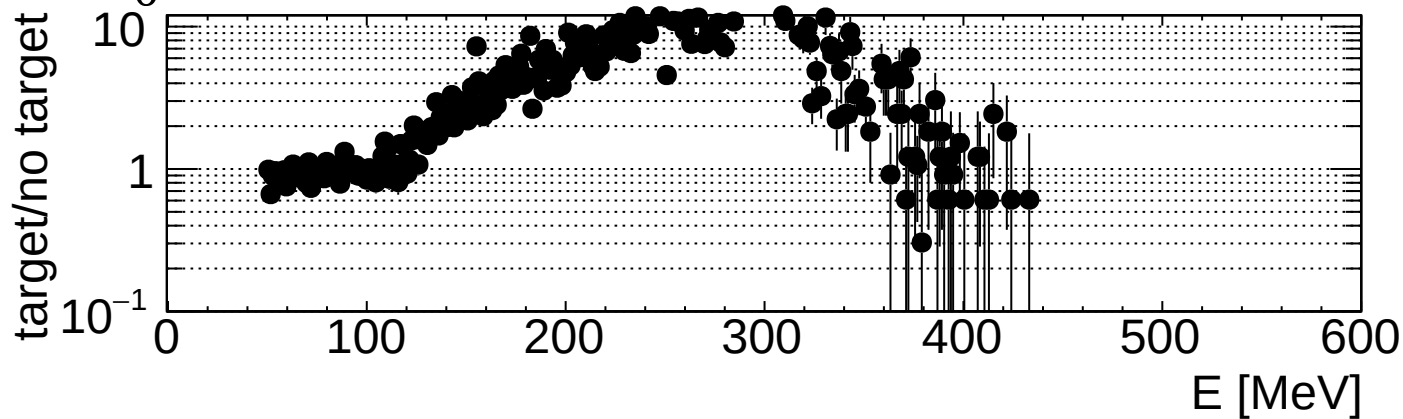
ECAL_Egg_10ns5CoG

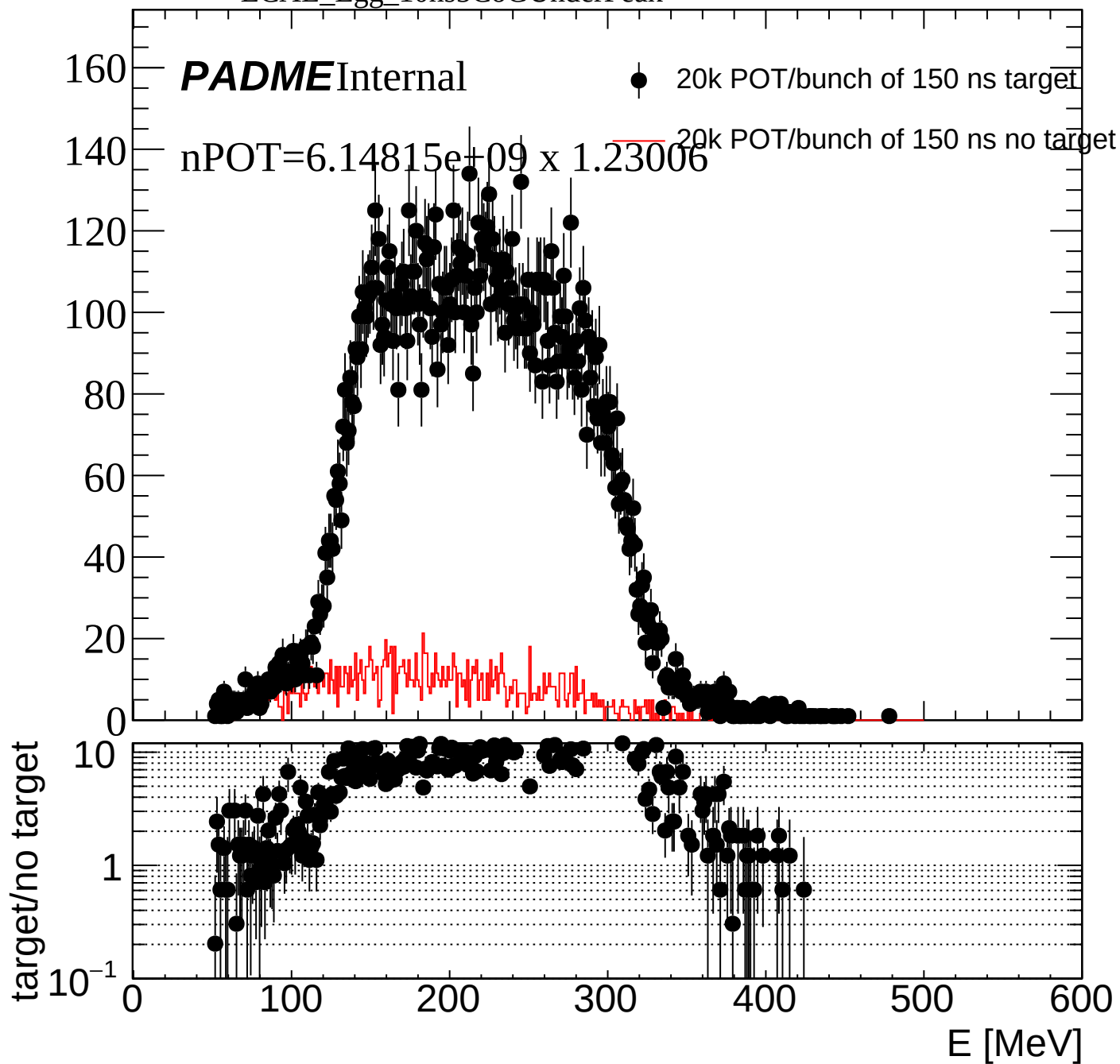
PADMEInternal

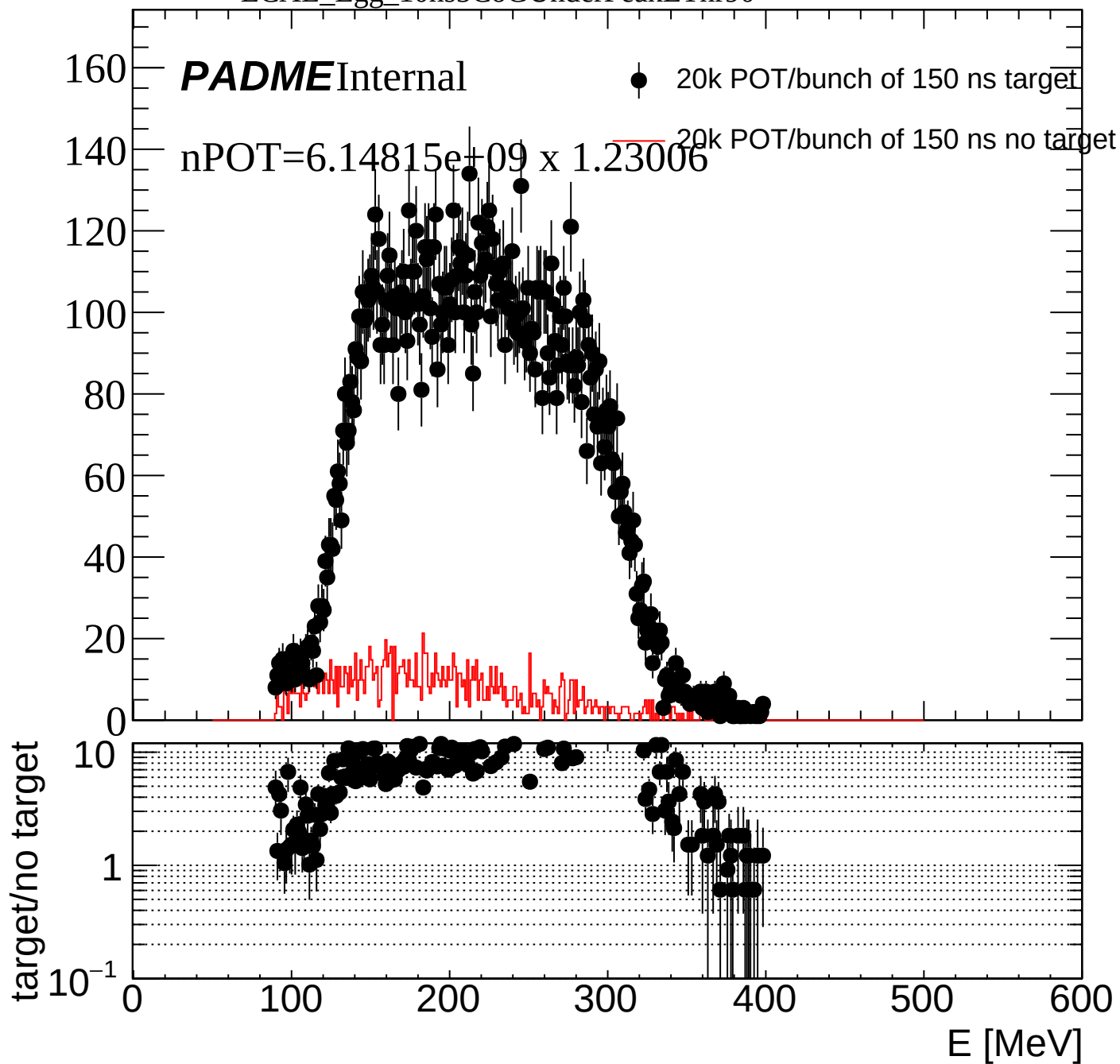
● 20k POT/bunch of 150 ns target

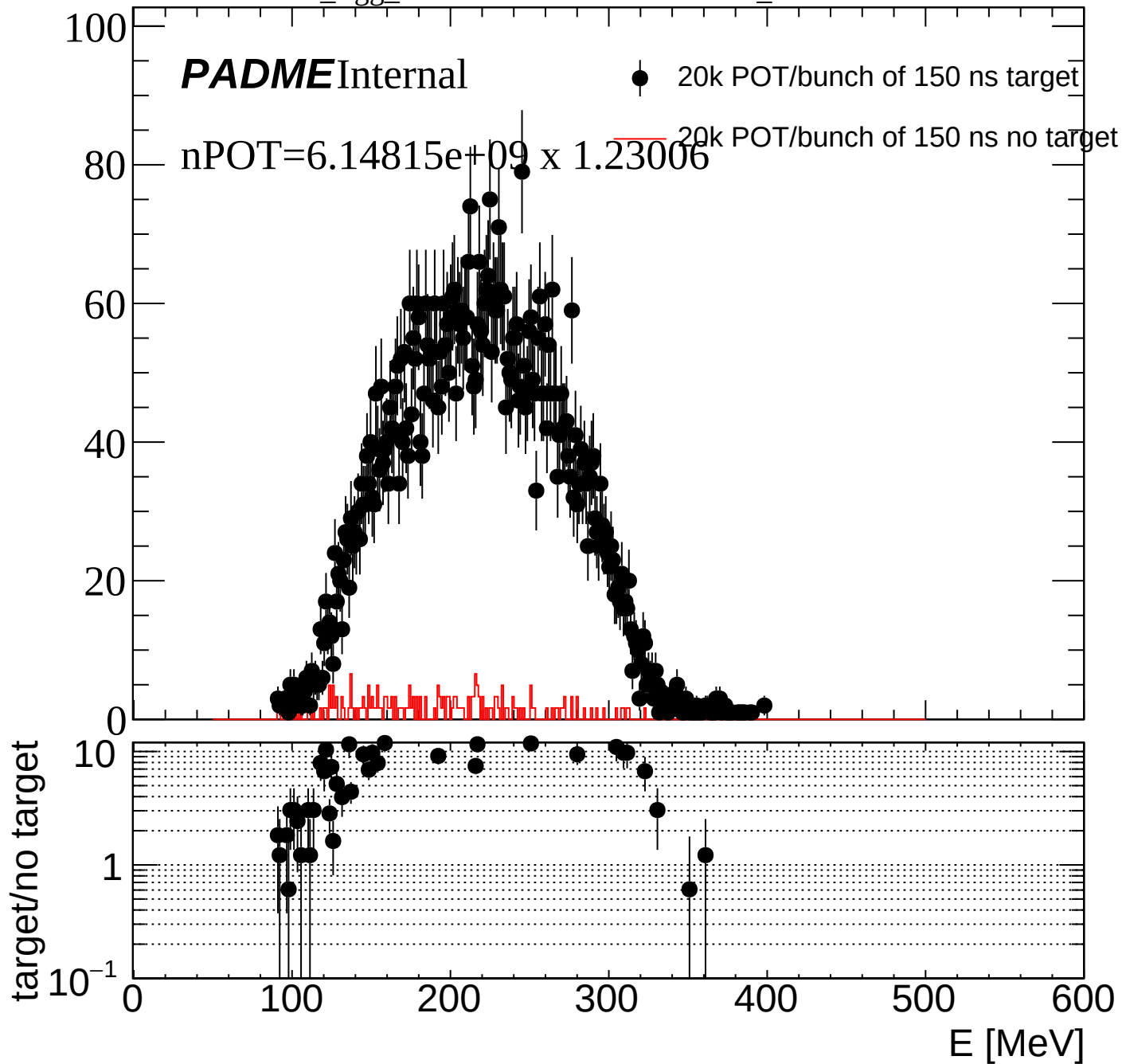
— 20k POT/bunch of 150 ns no target

$n\text{POT}=6.14815\text{e}+09 \times 1.23006$









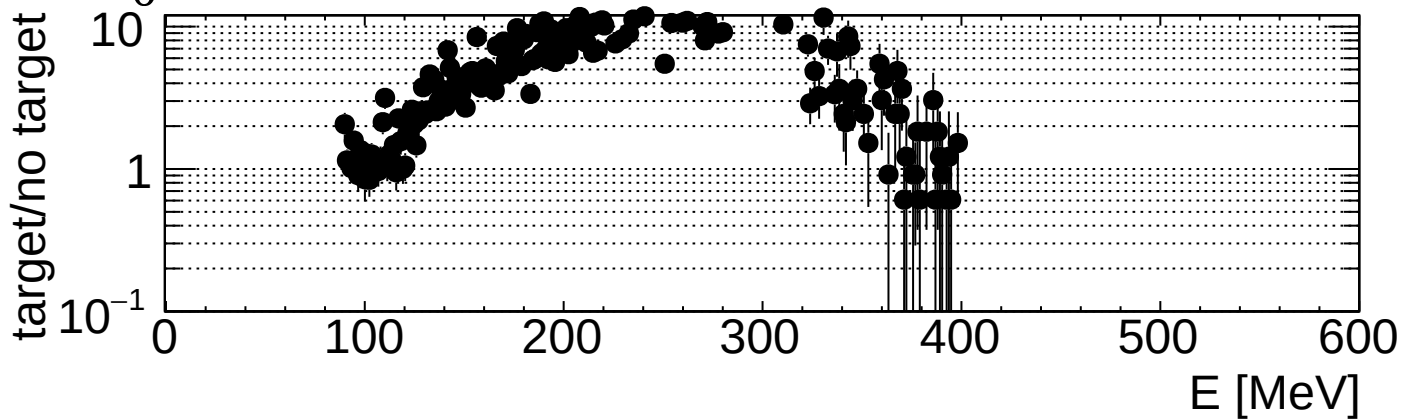
ECAL_Egg_10ns5CoGEThr90

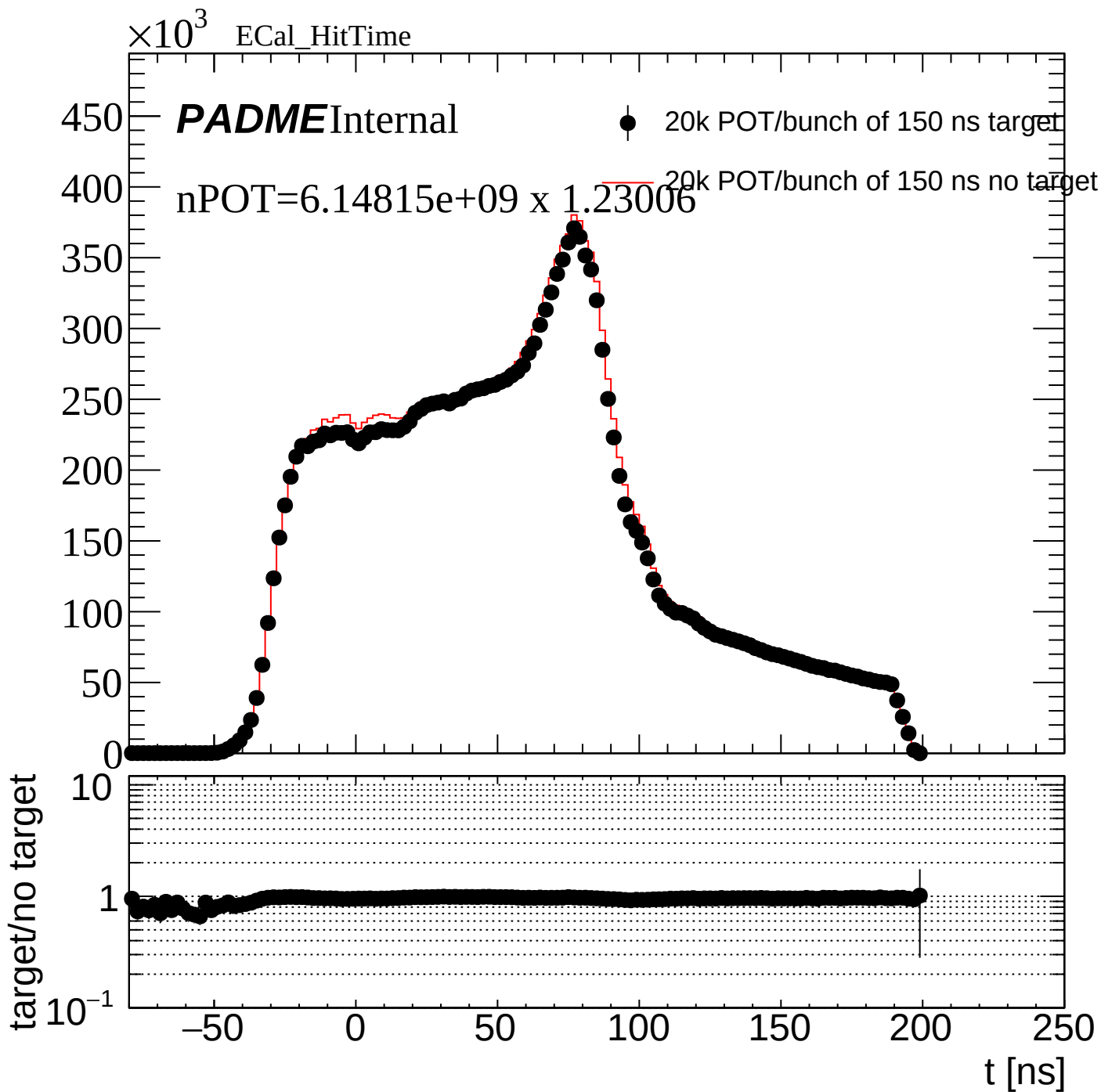
PADMEInternal

● 20k POT/bunch of 150 ns target

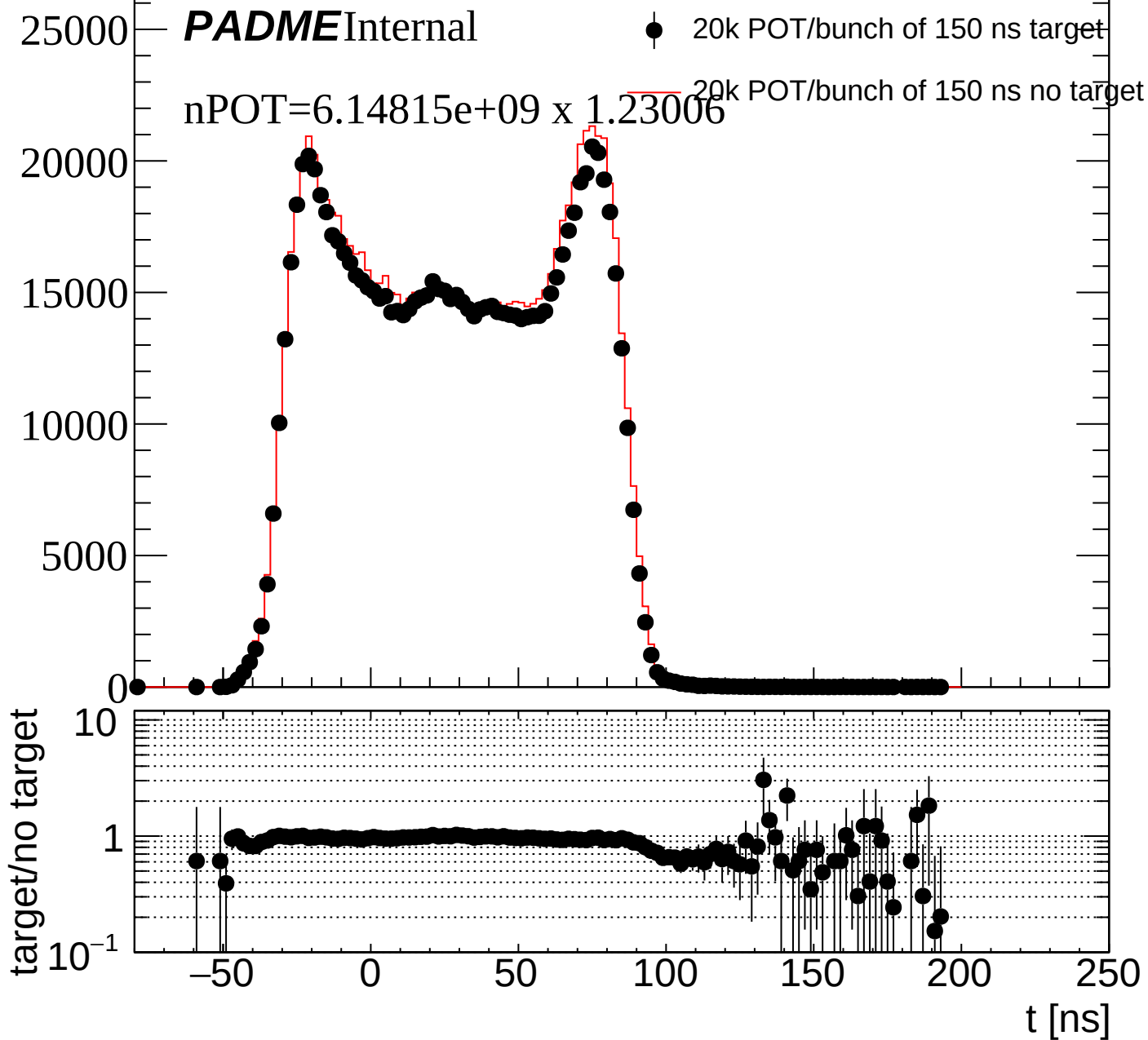
— 20k POT/bunch of 150 ns no target

nPOT=6.14815e+09 x 1.23006





ECal_ClusterTime



ECAL_tgg_10ns20DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

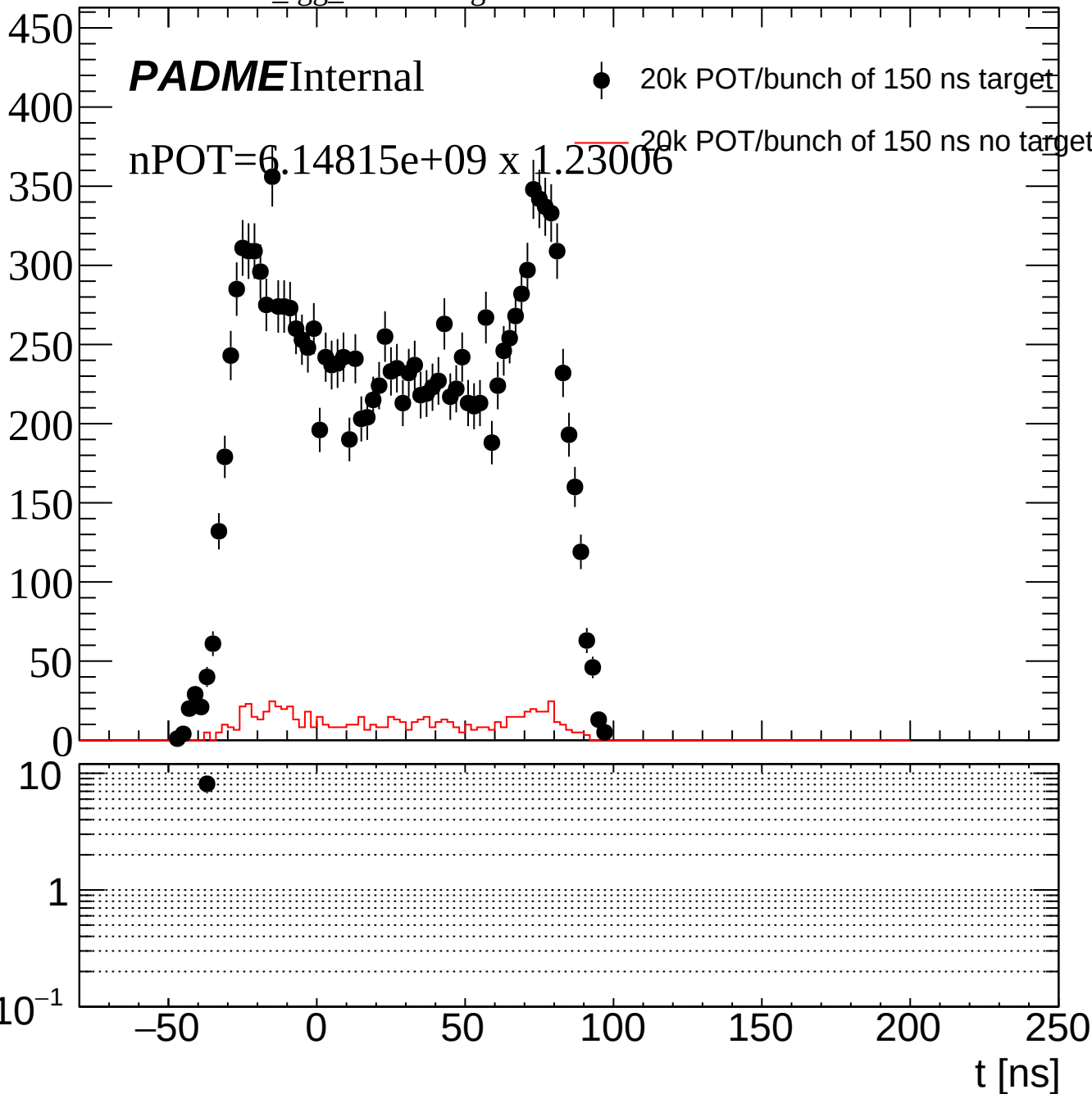
nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

t [ns]



ECAL_tgg_10ns5DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

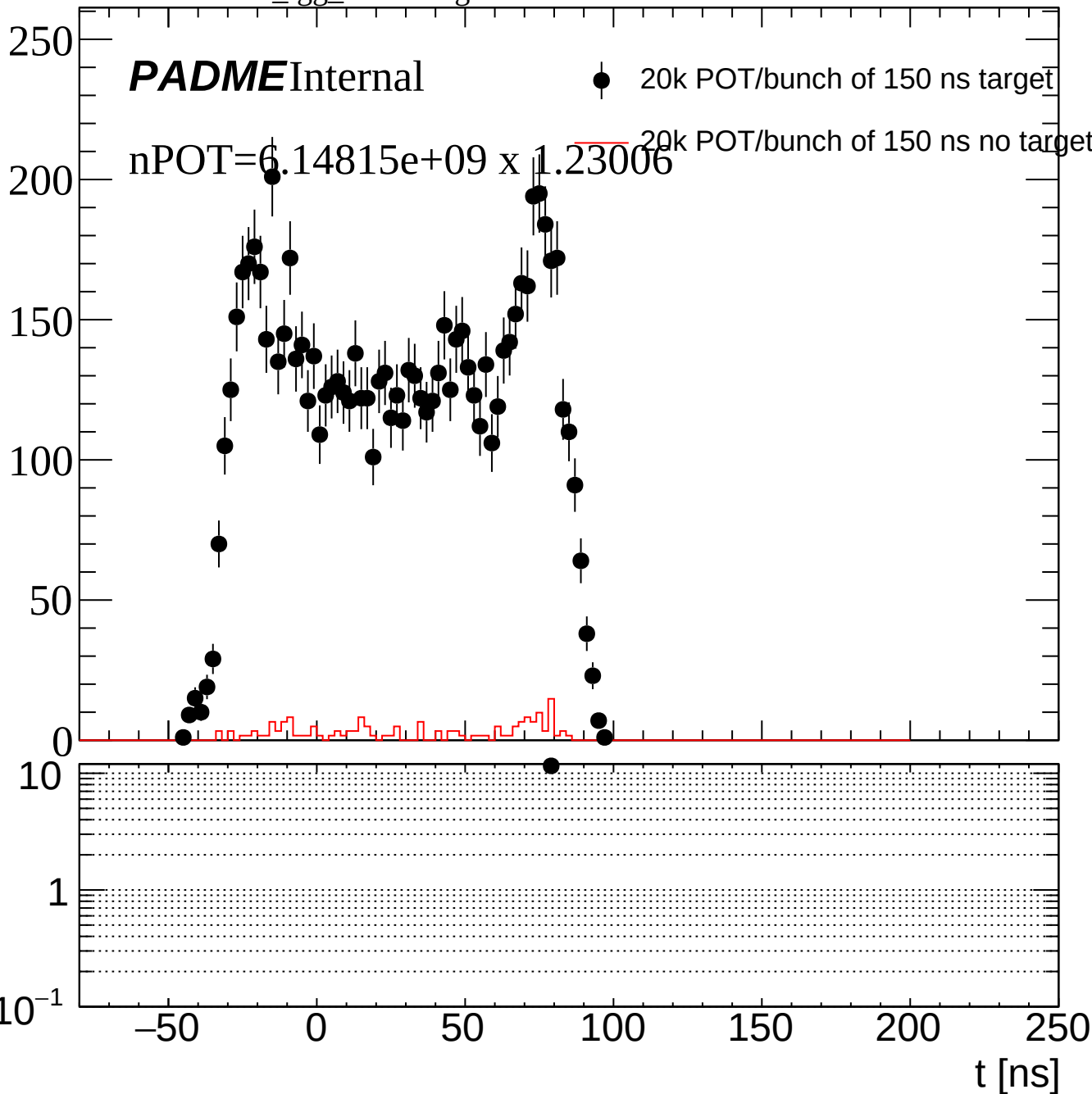
20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

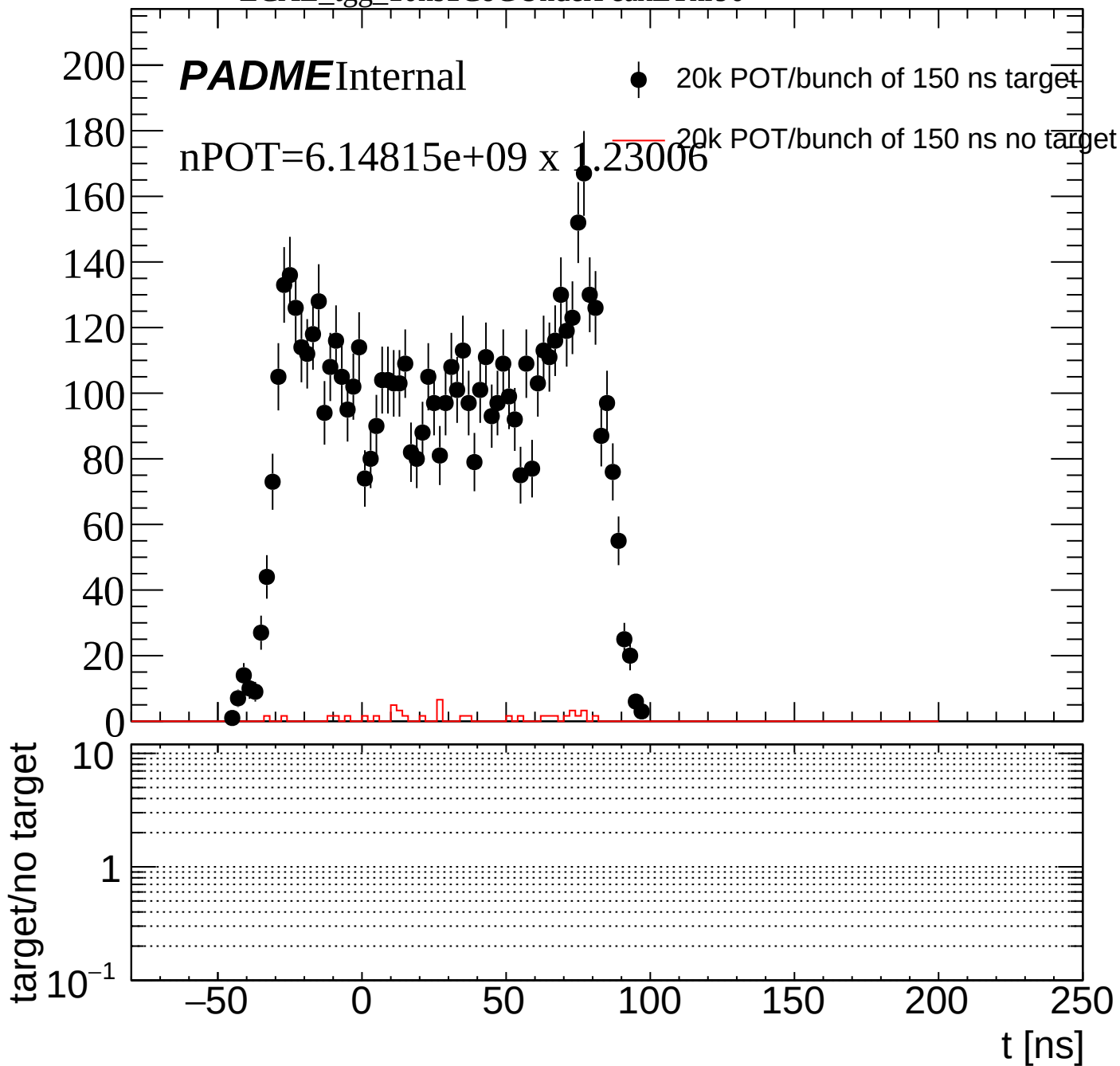
nPOT=6.14815e+09 x 1.23006

target/no target

t [ns]



ECAL_tgg_10ns1CoGUnderPeakEThr90



ECAL_tgg_10ns3CoGUnderPeakEThr90

PADMEInternal

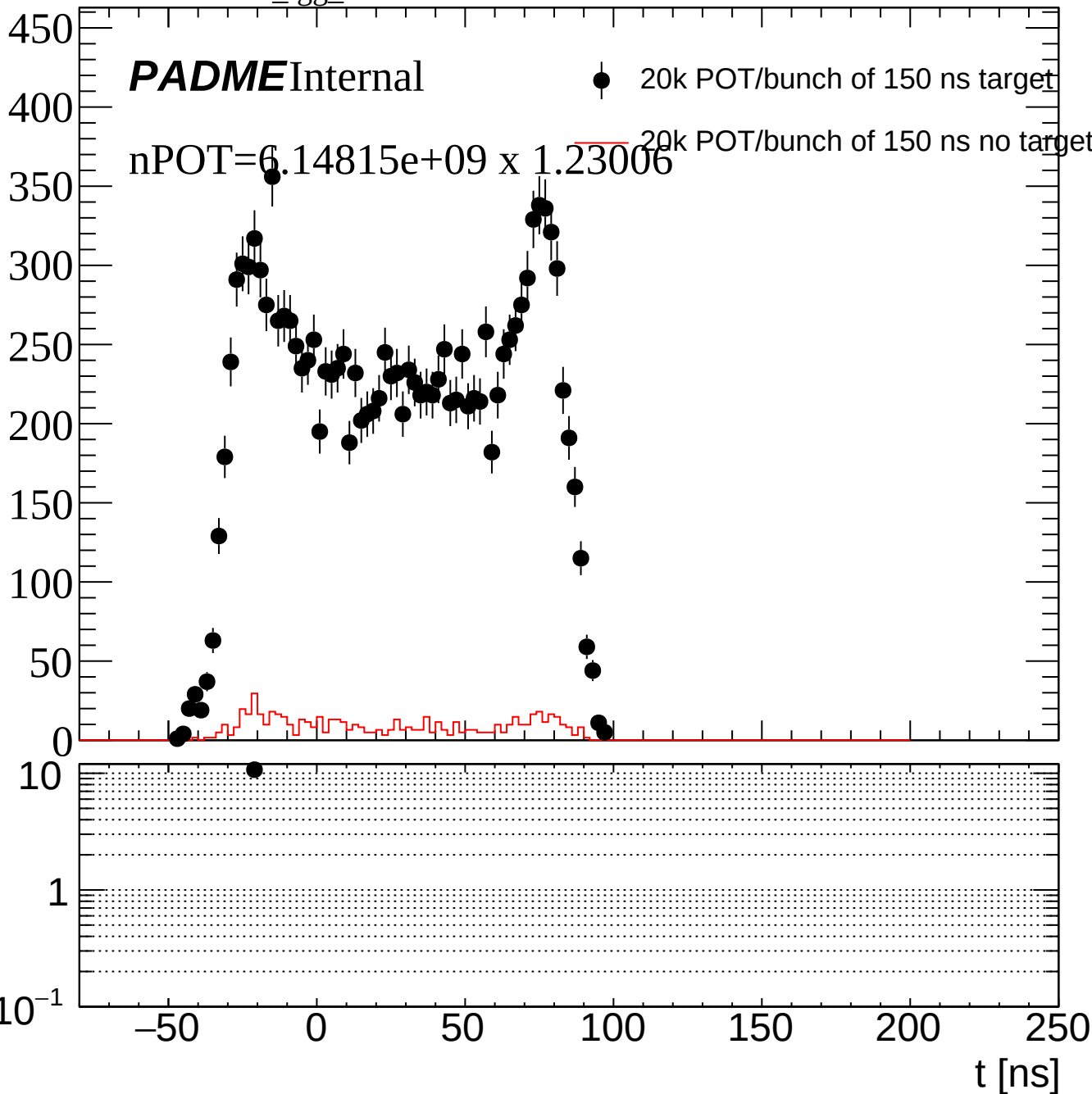
$nPOT=6.14815e+09 \times 1.23006$

20k POT/bunch of 150 ns target

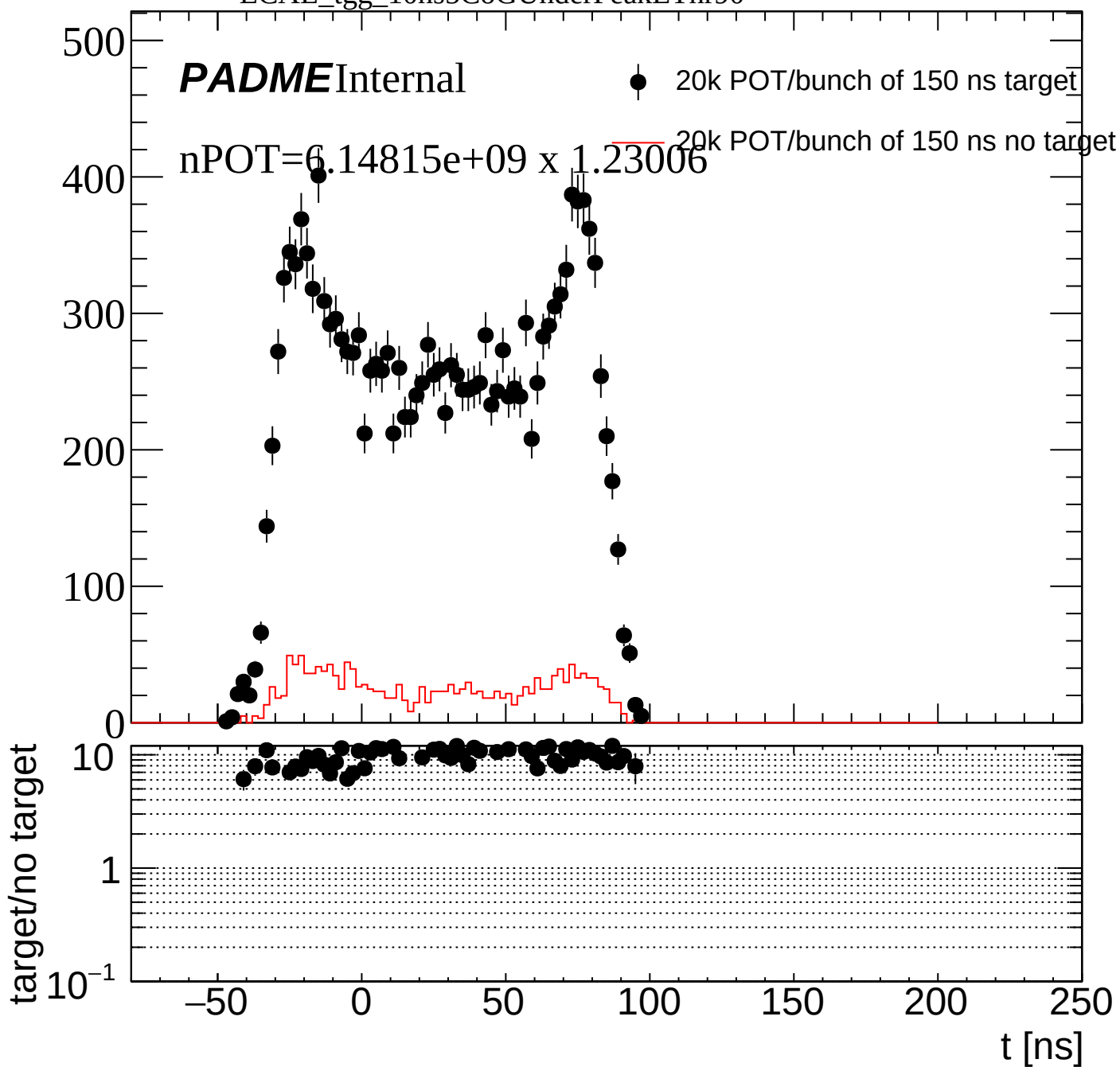
20k POT/bunch of 150 ns no target

target/no target

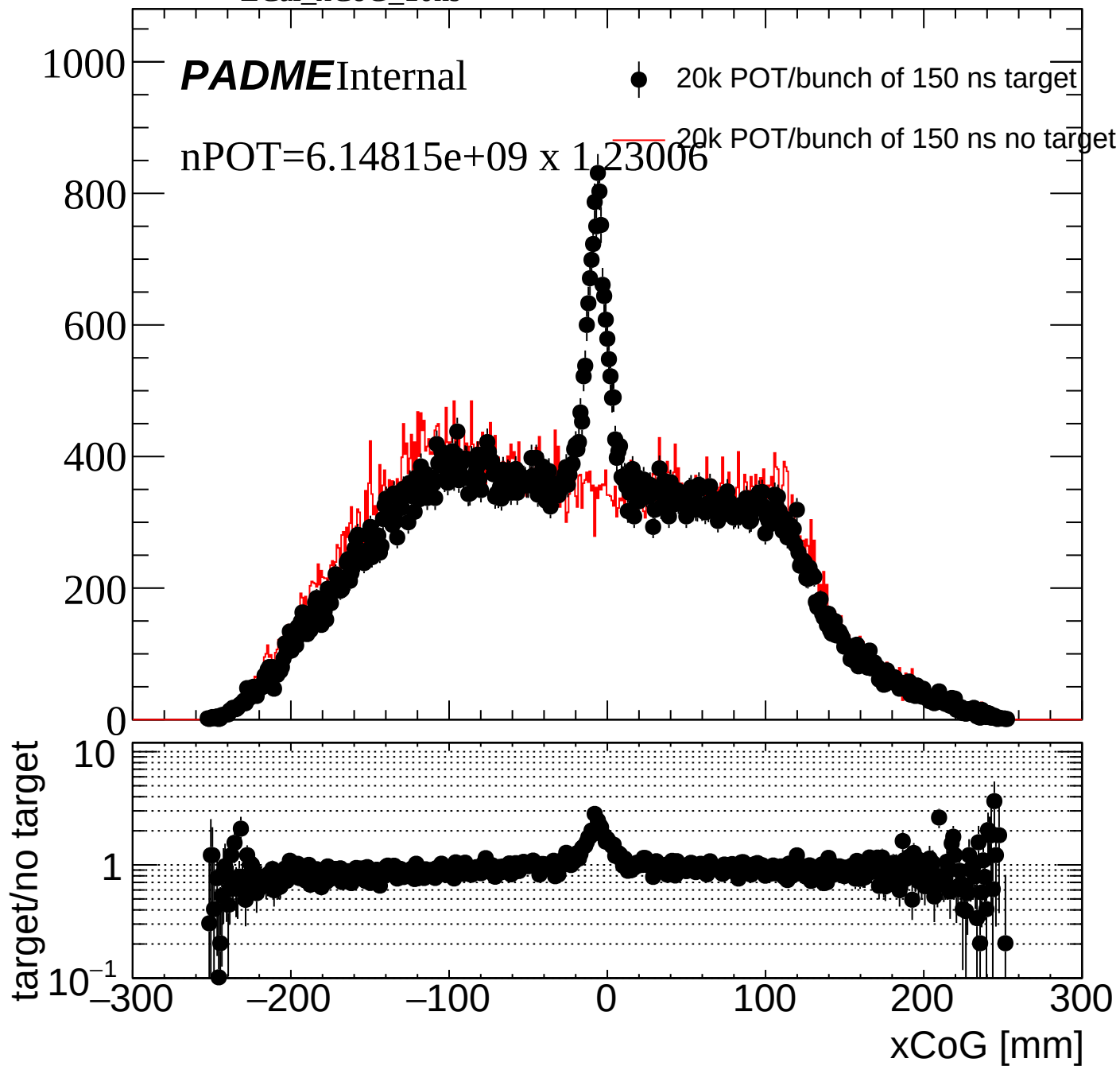
t [ns]



ECAL_tgg_10ns5CoGUnderPeakEThr90



ECal_xCoG_10ns



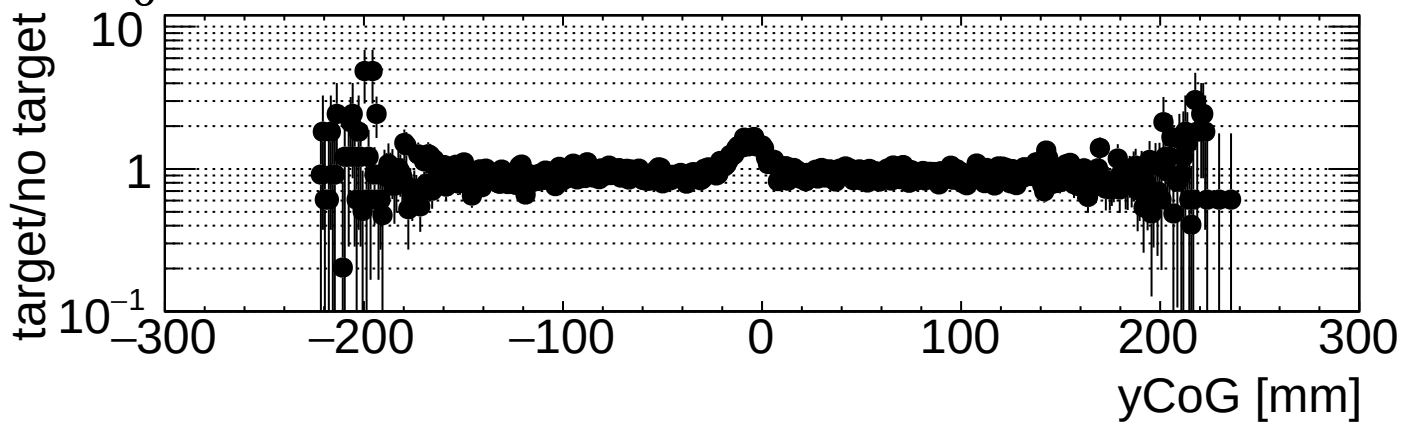
ECal_yCoG_10ns

PADMEInternal

● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target



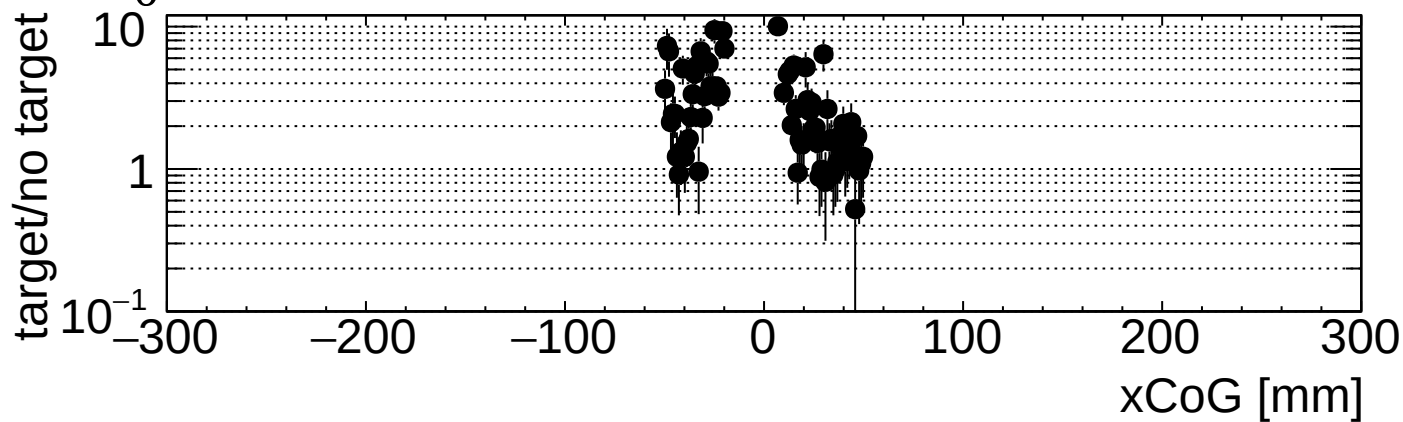
ECAL_xCoGgg_10ns5CoGUnderPeakEThr90

PADMEInternal

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target

nPOT=6.14815e+09 x 1.23006

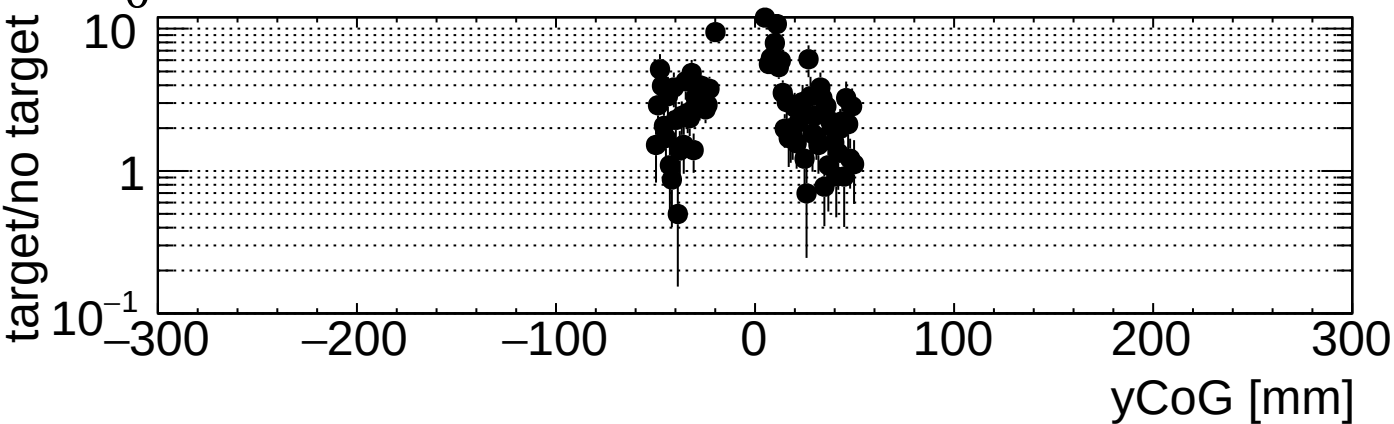


ECAL_yCoGgg_10ns5CoGUnderPeakEThr90

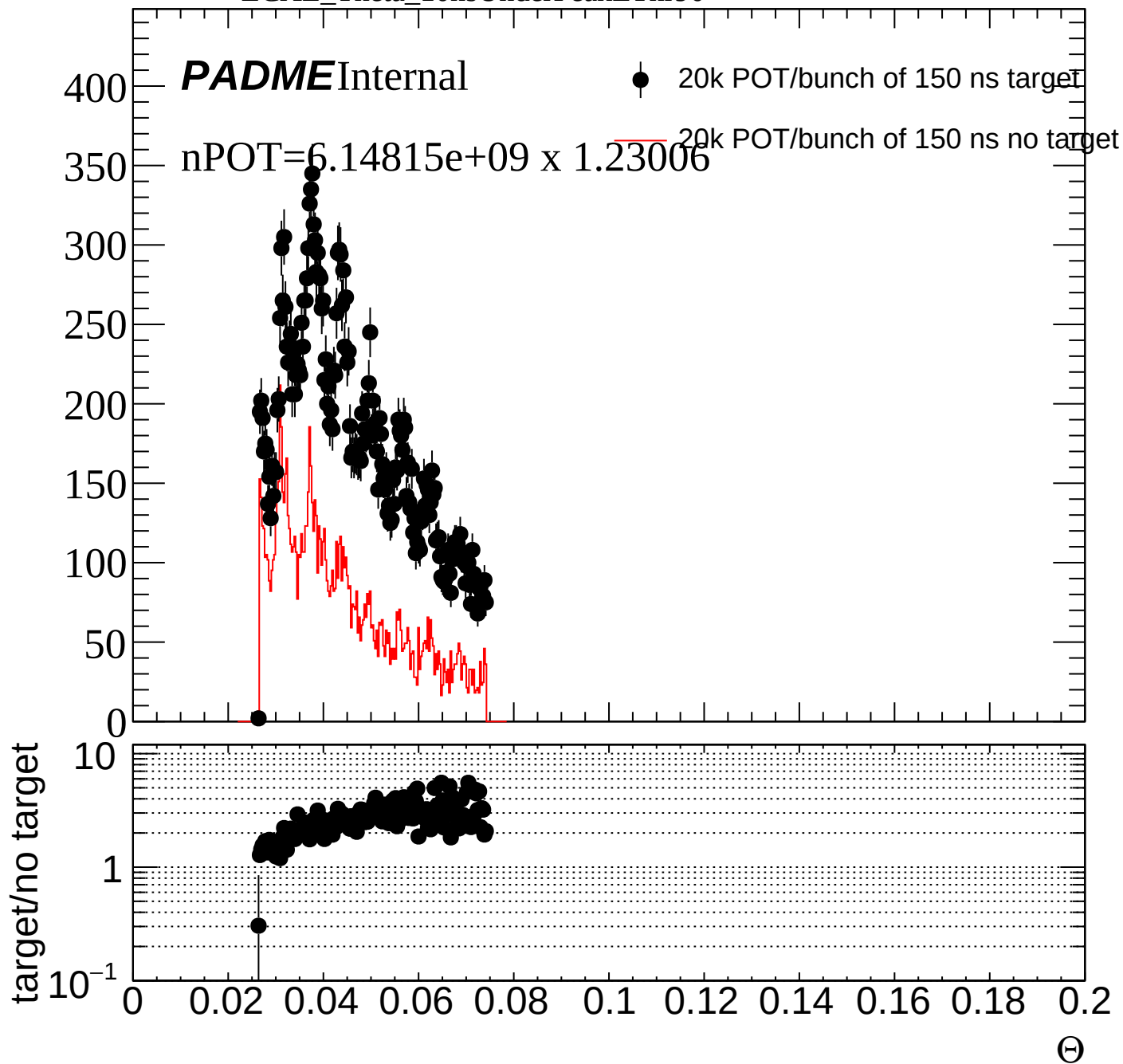
PADMEInternal

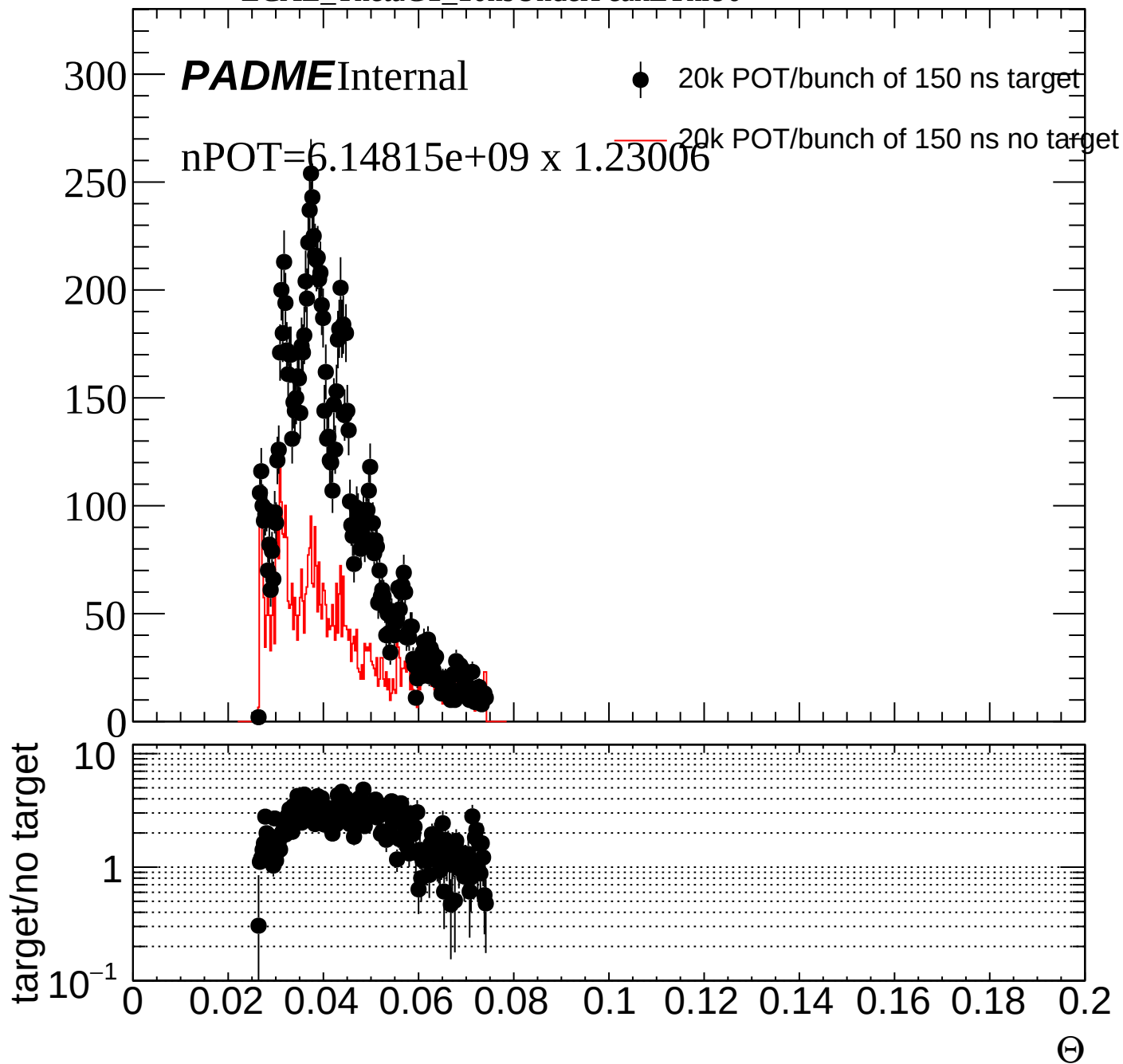
● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

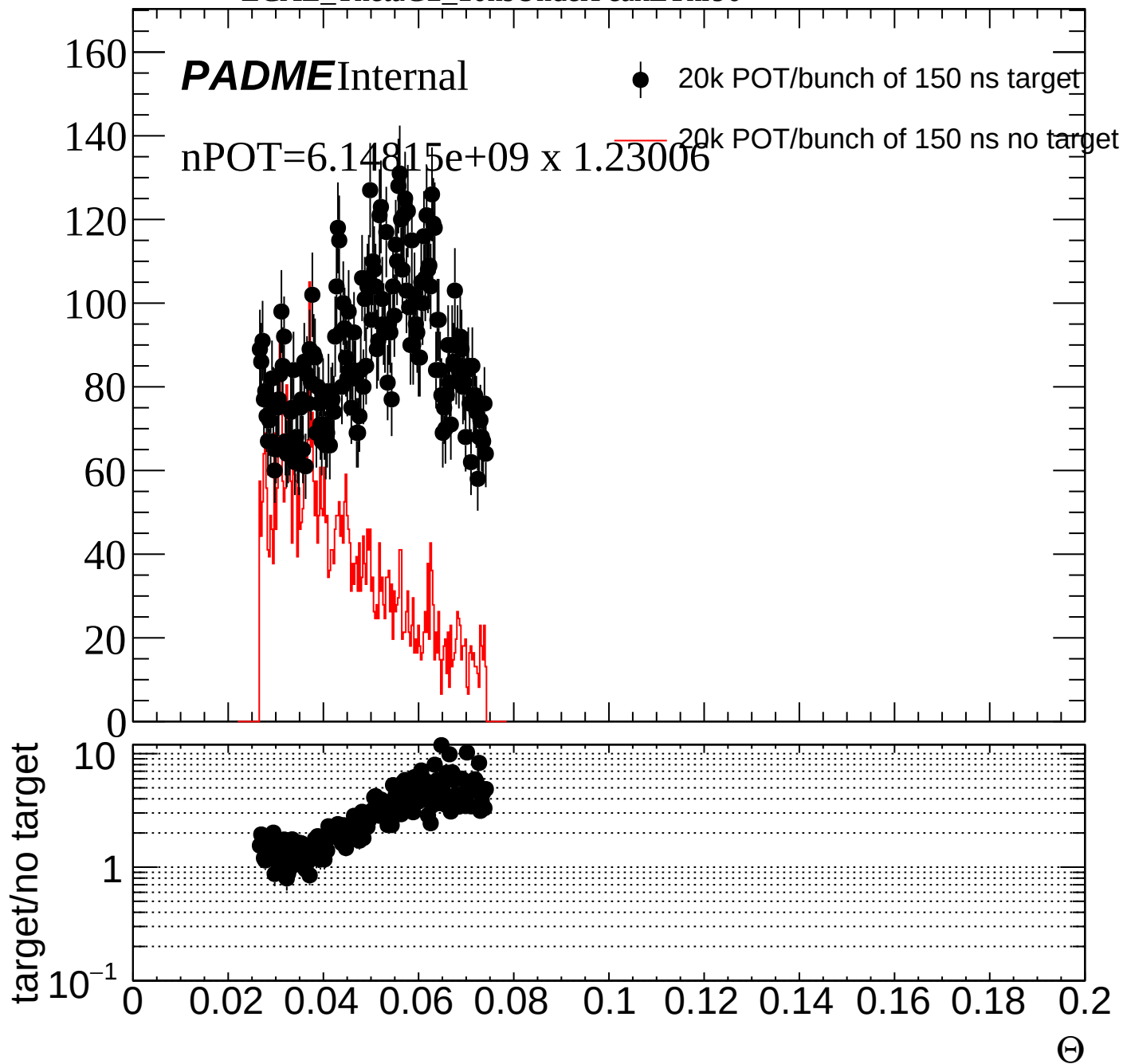


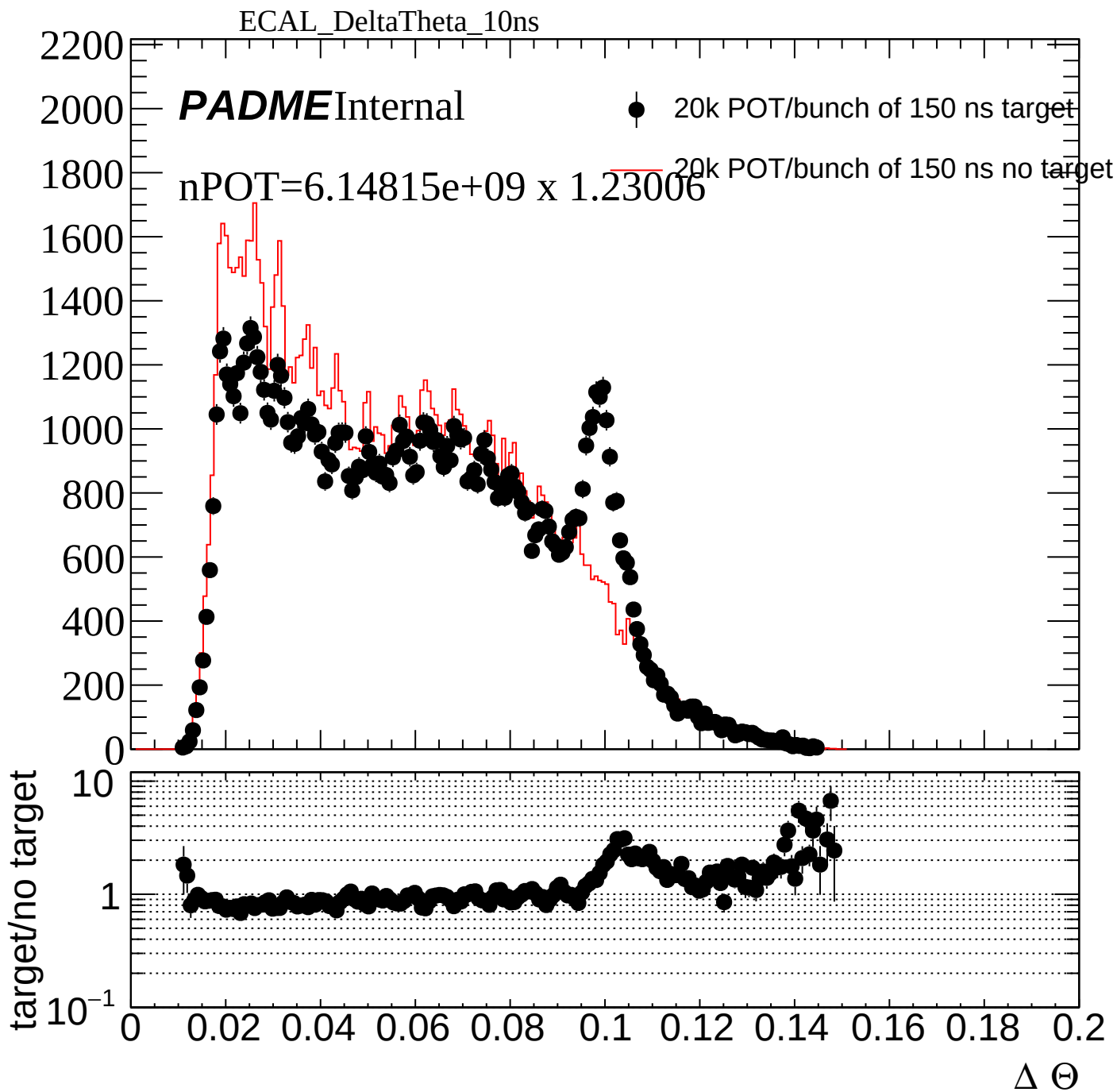
ECAL_Theta_10nsUnderPeakEThr90





ECAL_ThetaG2_10nsUnderPeakEThr90





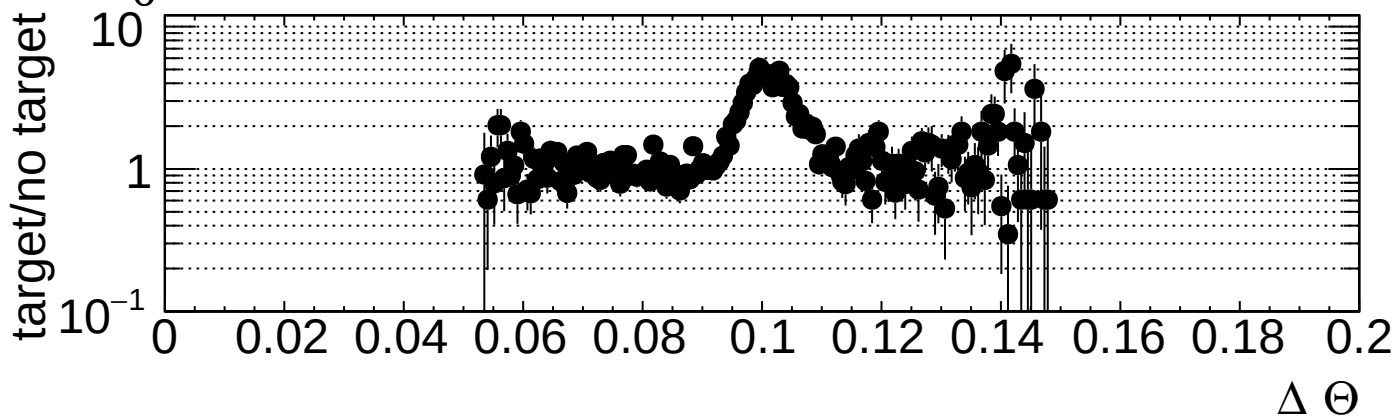
ECAL_DeltaTheta_10nsDeltaPhi20

PADMEInternal

nPOT=6.14815e+09 x 1.23006

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target



ECAL_DeltaTheta_10nsUnderPeakEThr90

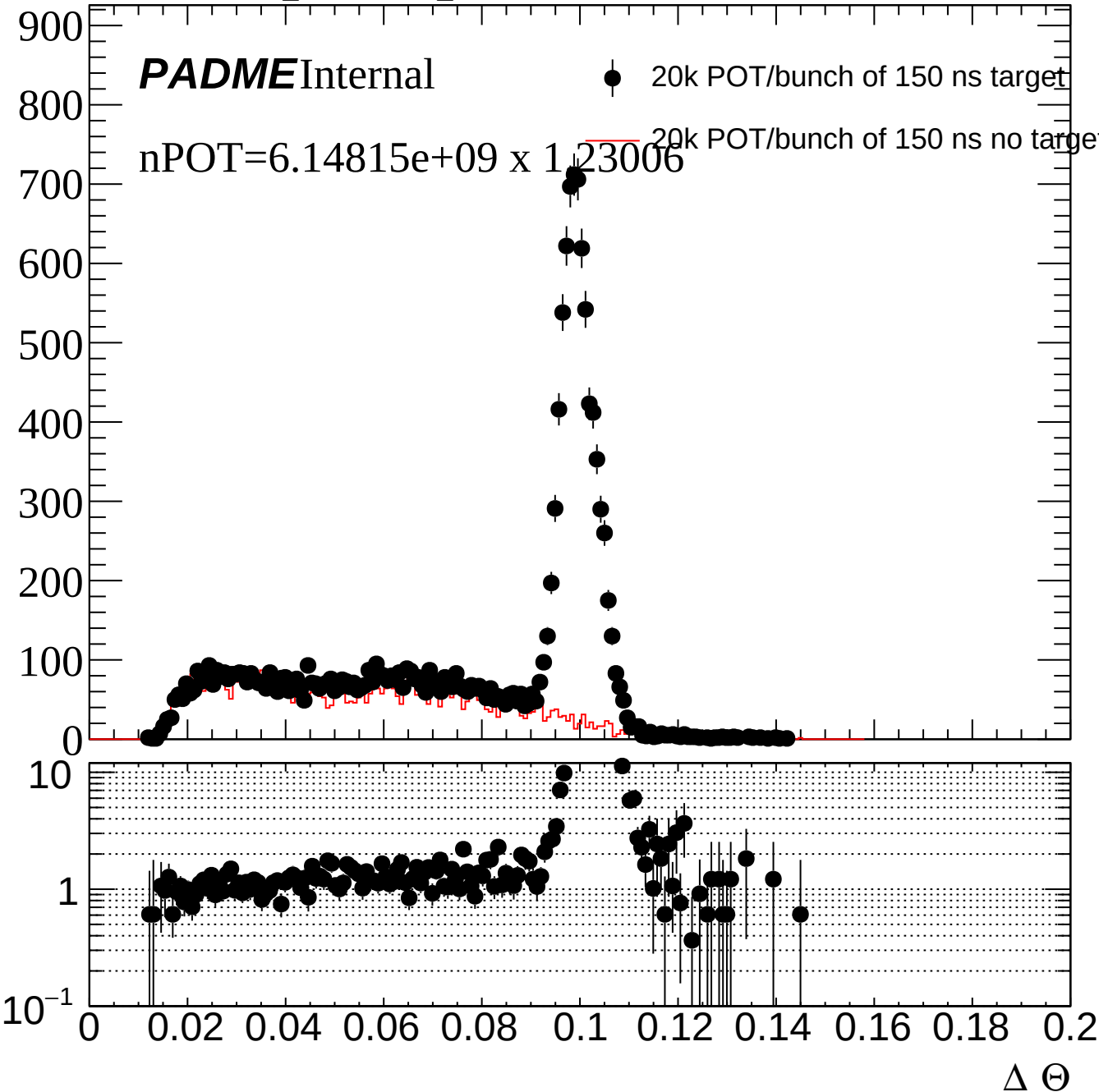
PADMEInternal

nPOT=6.14815e+09 x 1.23006

20k POT/bunch of 150 ns target

20k POT/bunch of 150 ns no target

target/no target

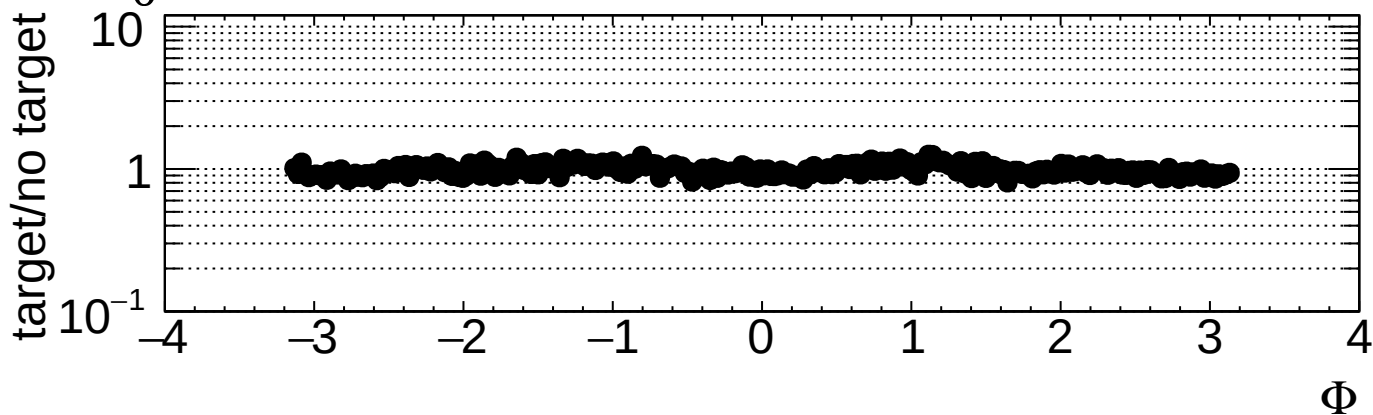


ECAL_Phi_10ns

PADMEInternal

nPOT=6.14815e+09 x 1.23006

● 20k POT/bunch of 150 ns target
— 20k POT/bunch of 150 ns no target



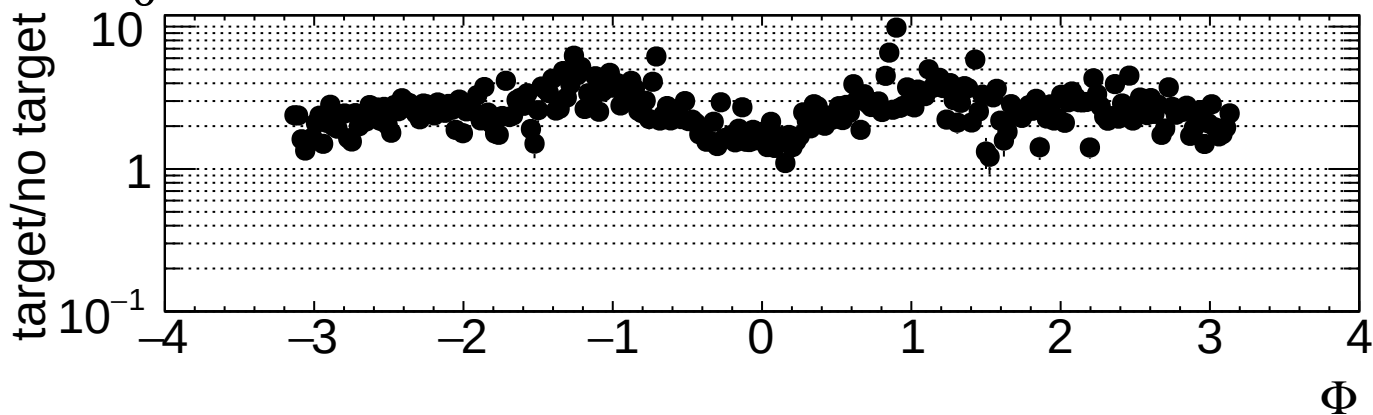
ECAL_Phi_10nsUnderPeakEThr90

PADMEInternal

nPOT=6.14815e+09 x 1.23006

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target



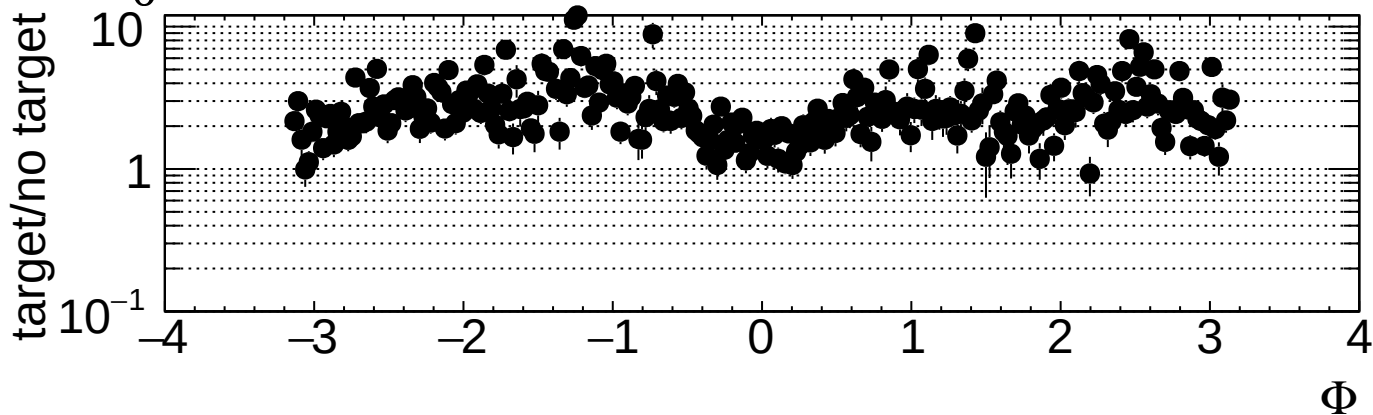
ECAL_PhiG1_10nsUnderPeakEThr90

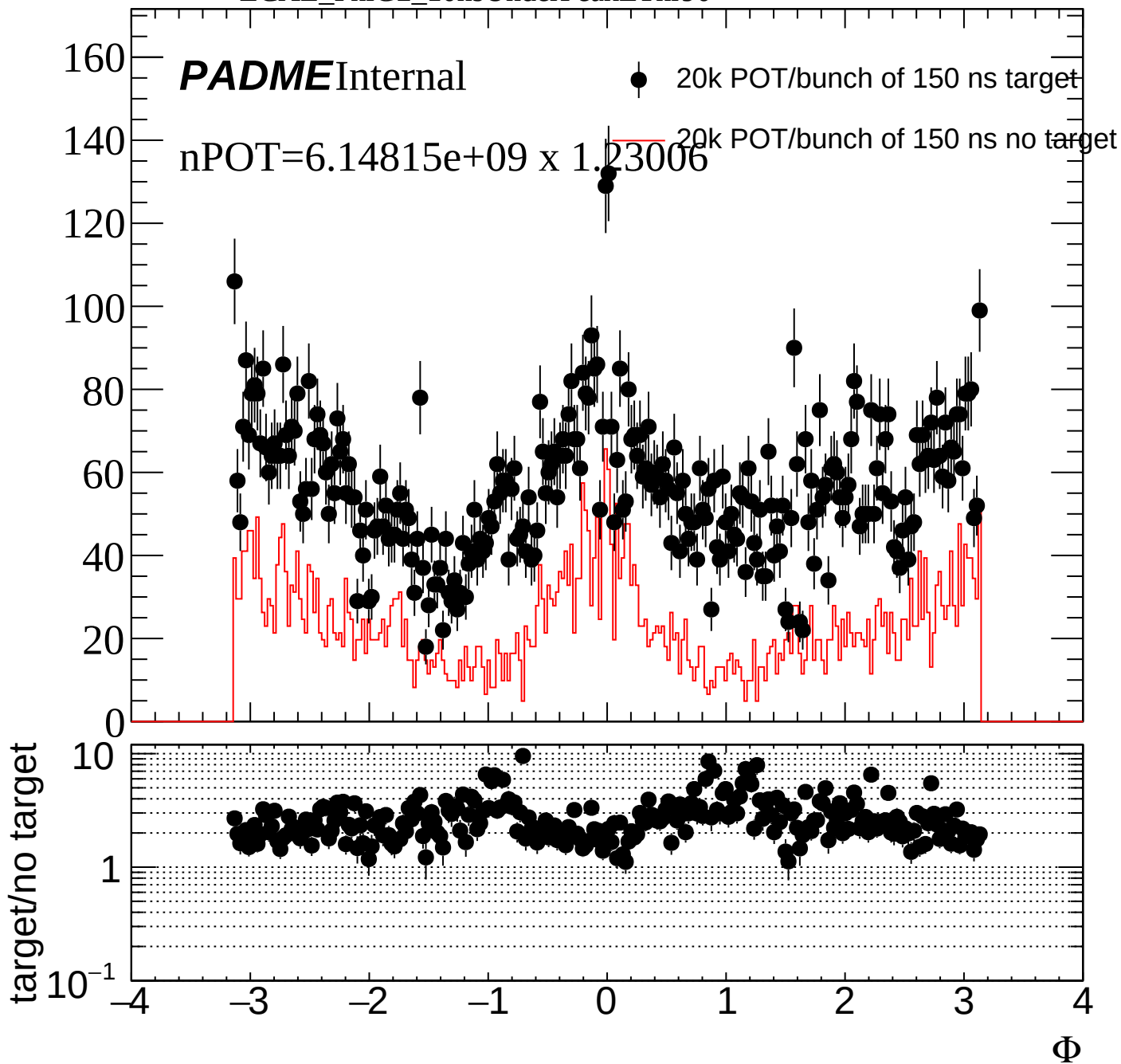
PADMEInternal

● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target





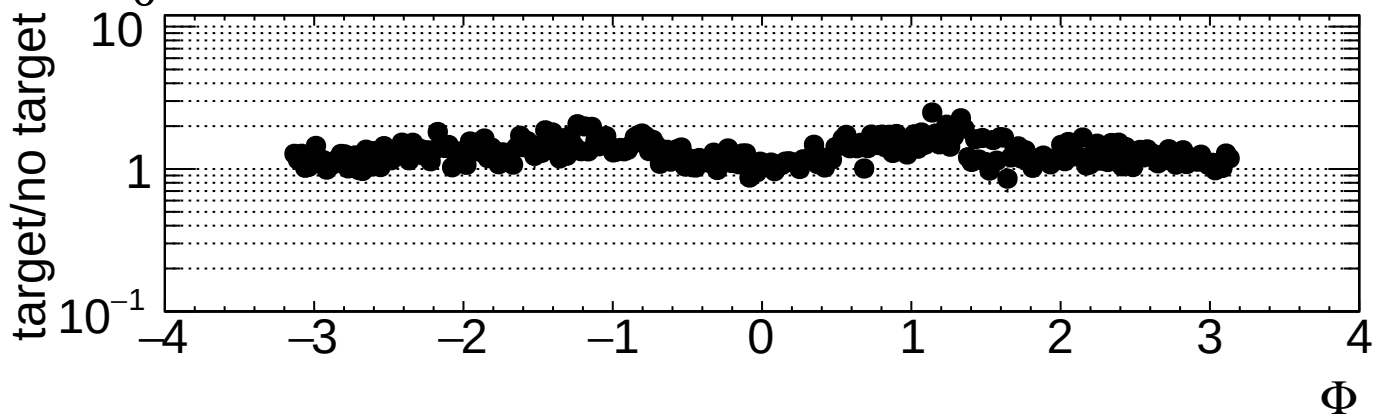
ECAL_Phi_10nsDeltaTheta

PADMEInternal

● 20k POT/bunch of 150 ns target

— 20k POT/bunch of 150 ns no target

nPOT=6.14815e+09 x 1.23006



ECAL_Phi_10ns20DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

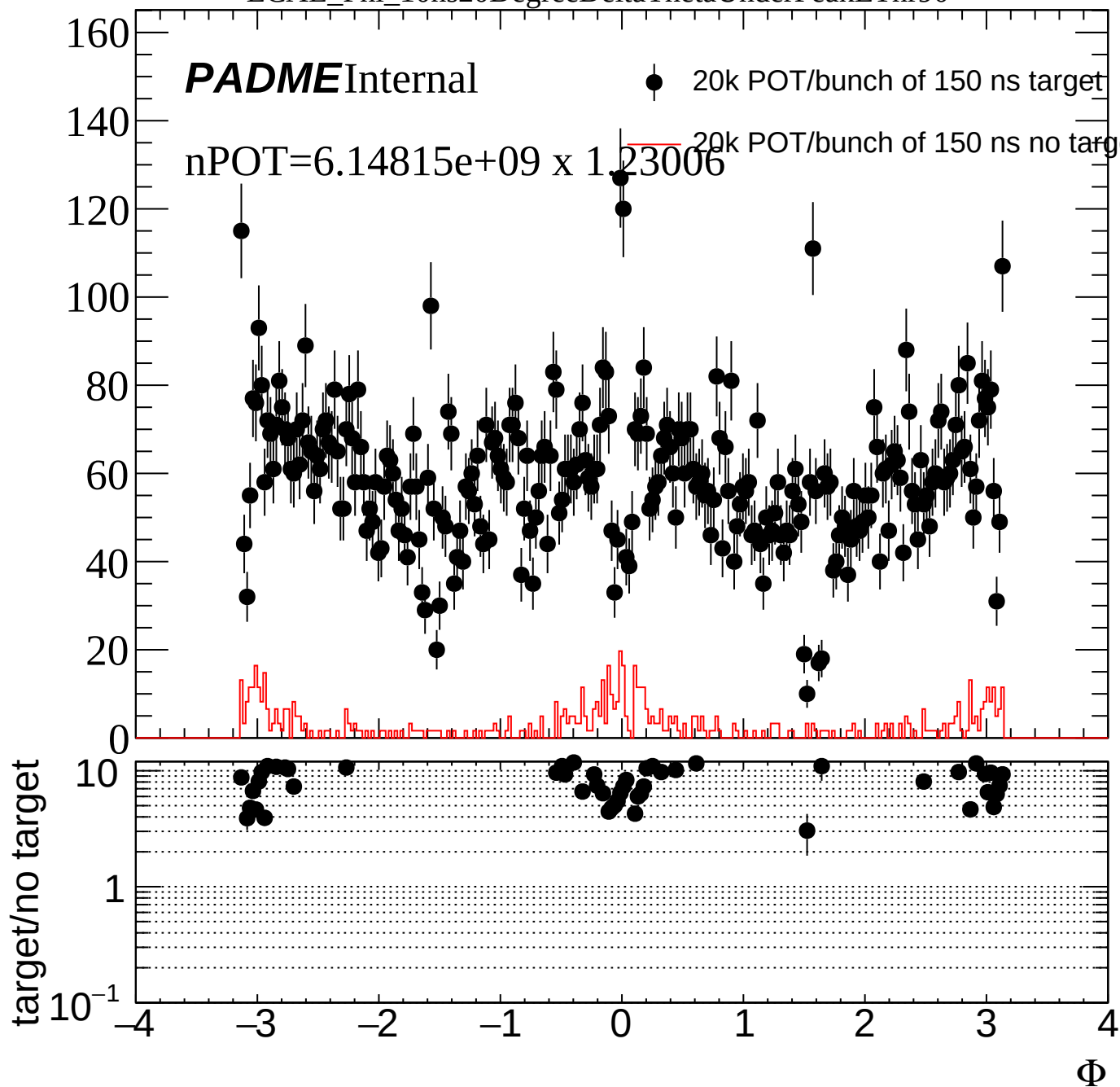
● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target

target/no target

Φ

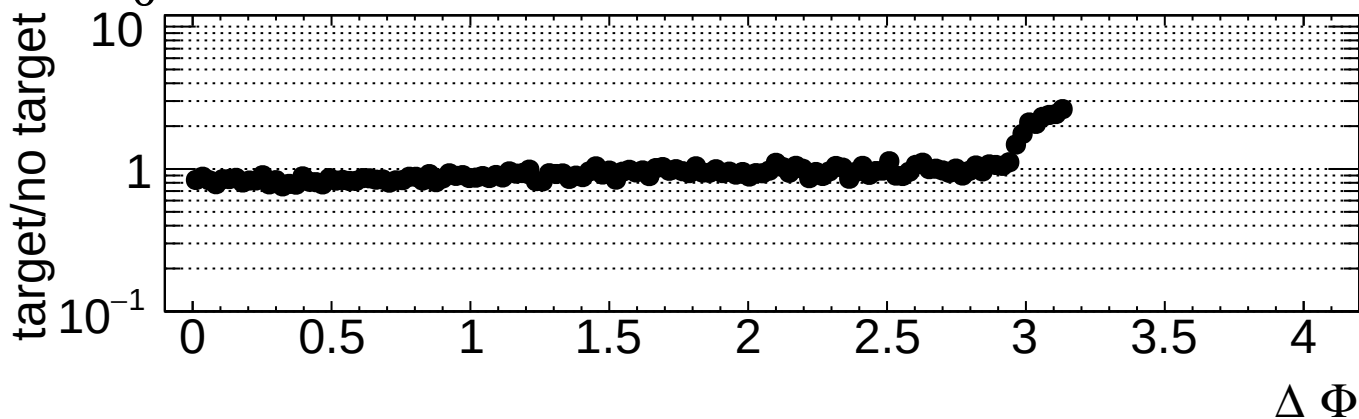


ECAL_DeltaPhi_10ns

PADMEInternal

nPOT=6.14815e+09 x 1.23006

● 20k POT/bunch of 150 ns target
— 20k POT/bunch of 150 ns no target

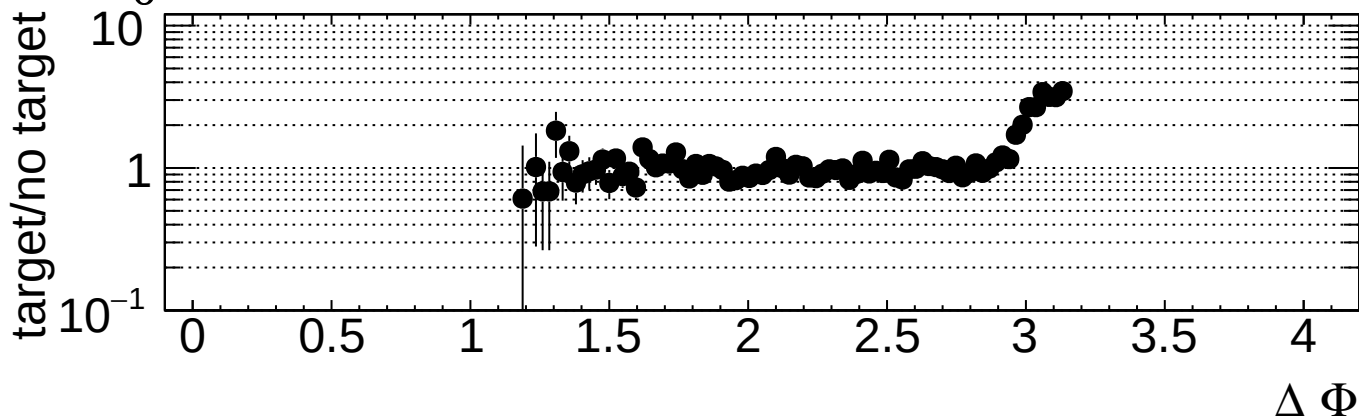


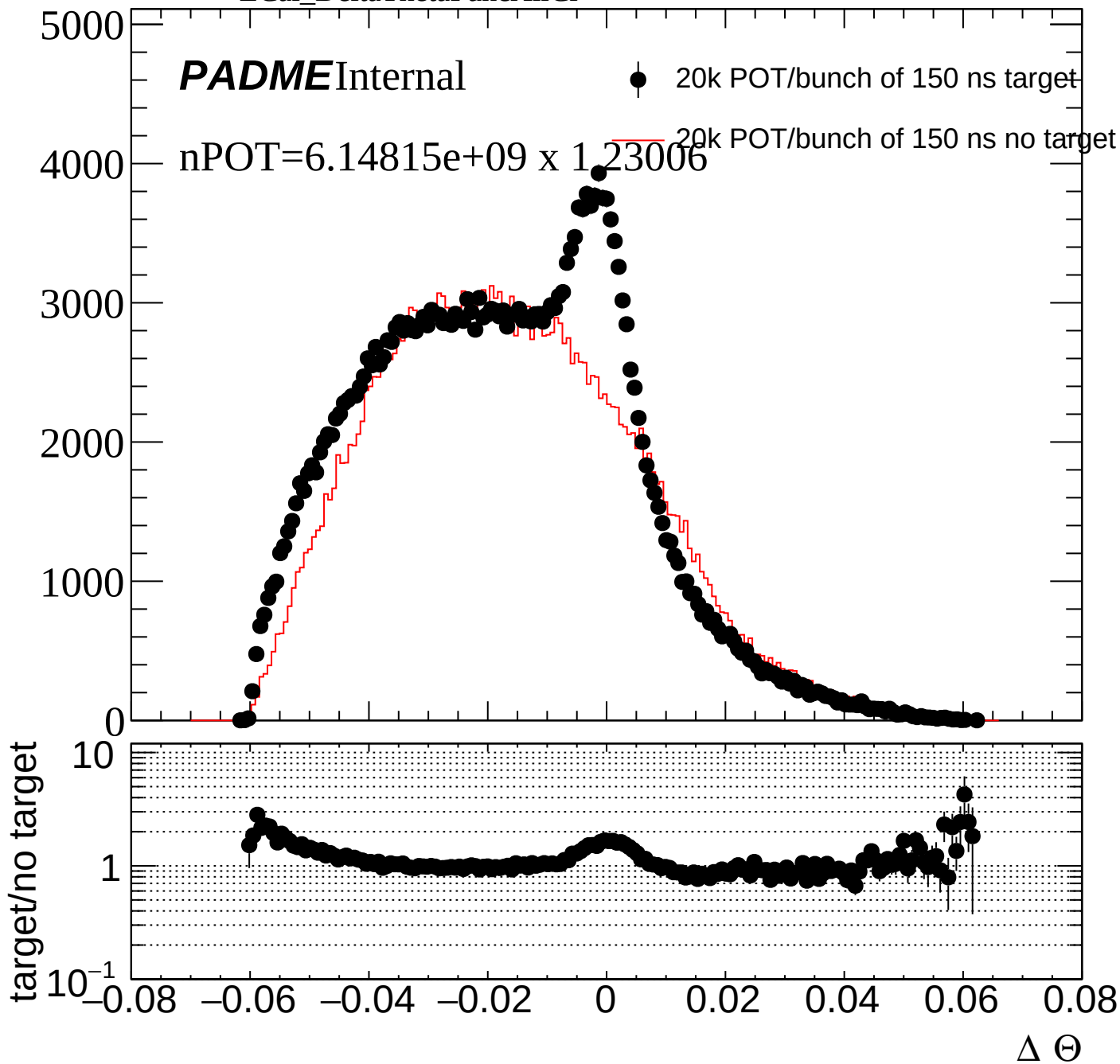
ECAL_DeltaPhi_10nsDeltaTheta

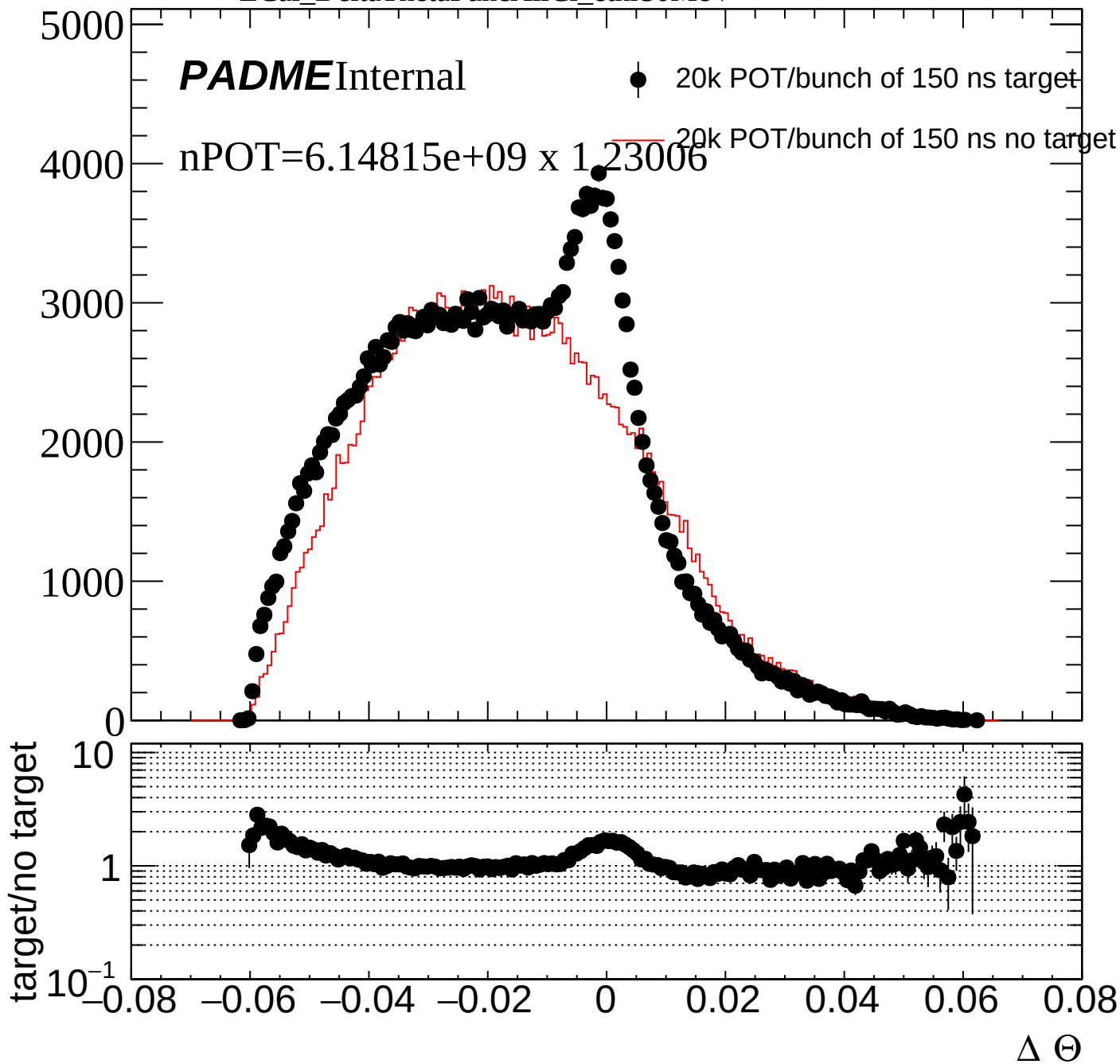
PADMEInternal

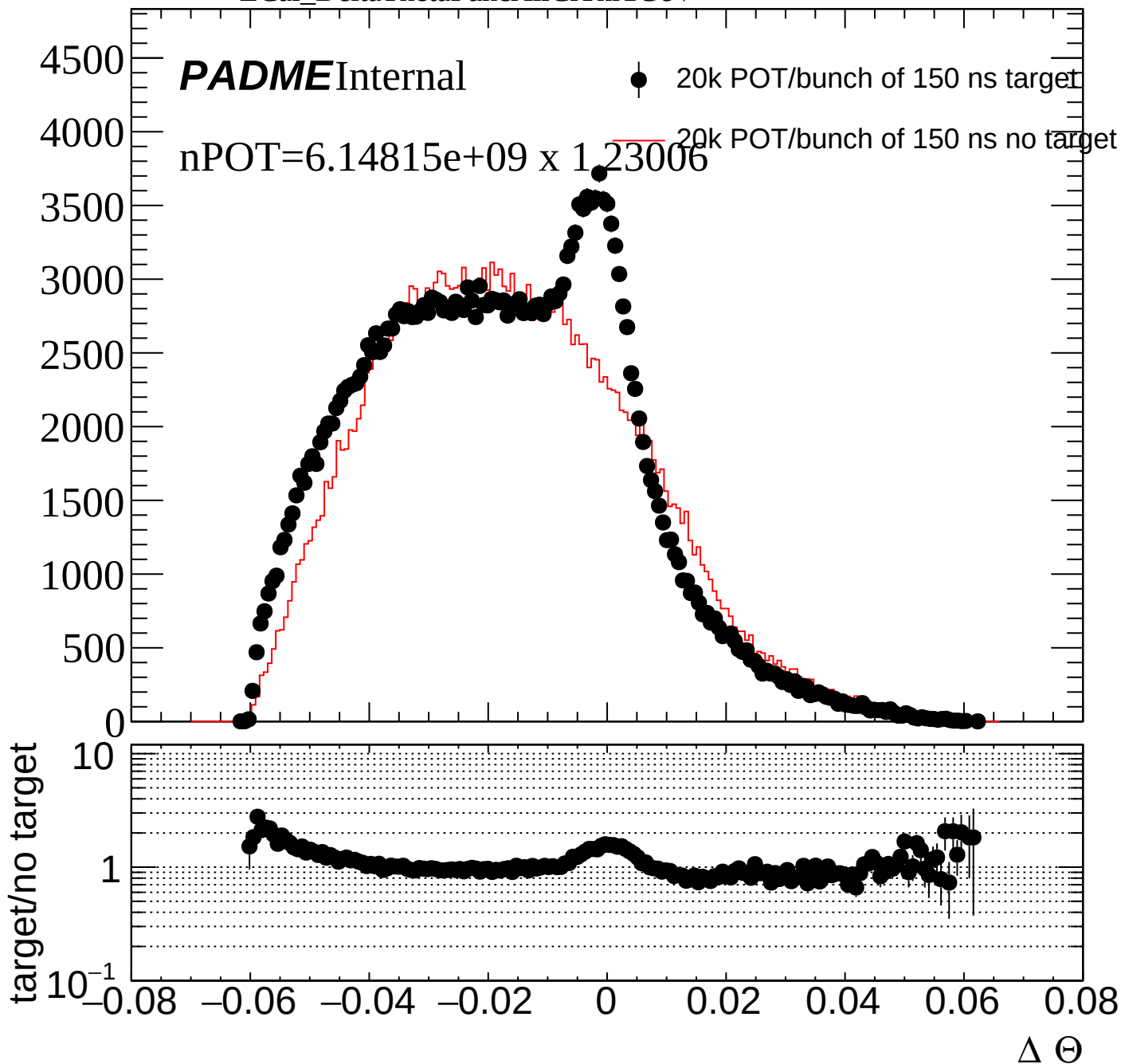
nPOT=6.14815e+09 x 1.23006

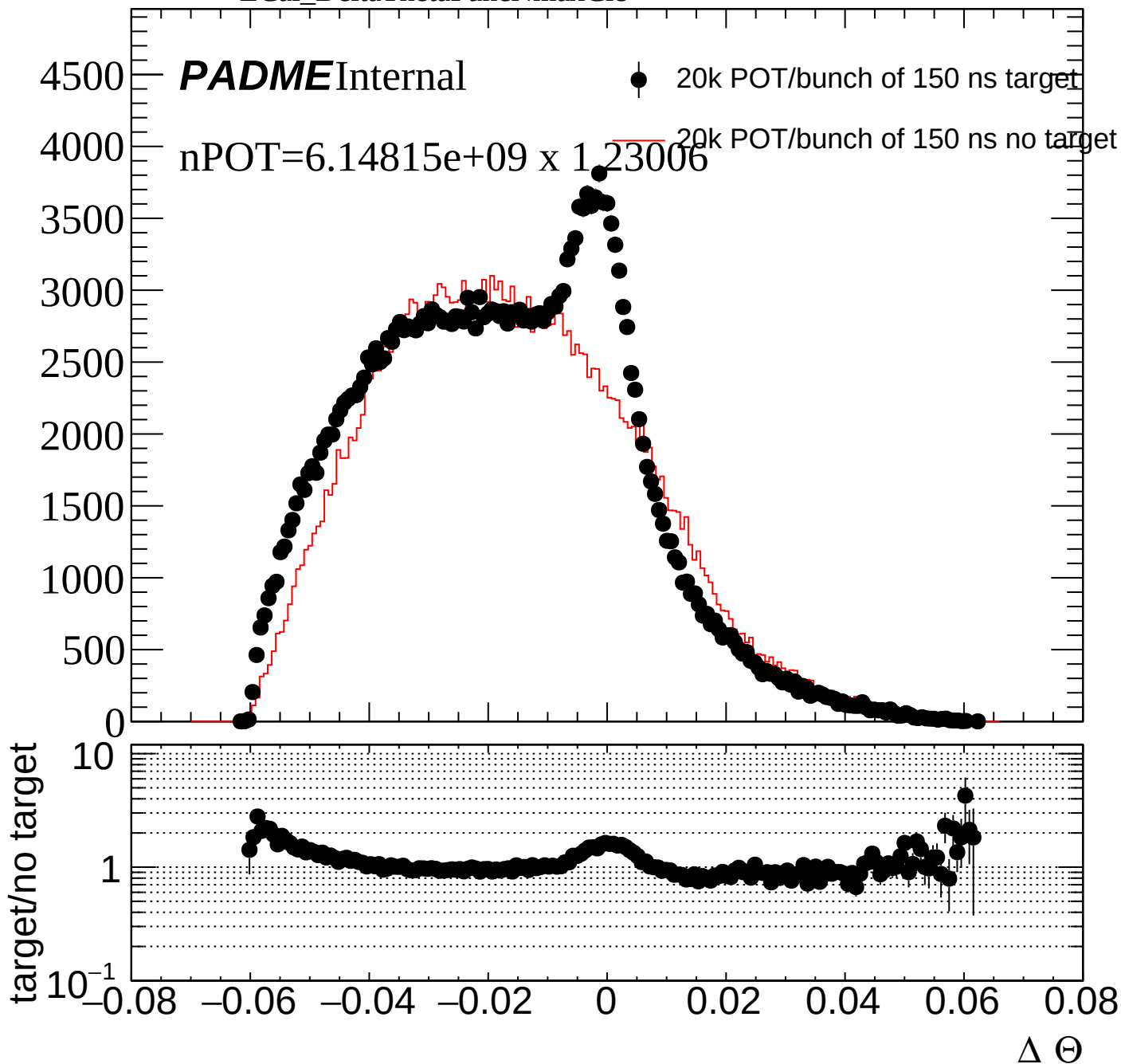
● 20k POT/bunch of 150 ns target
— 20k POT/bunch of 150 ns no target

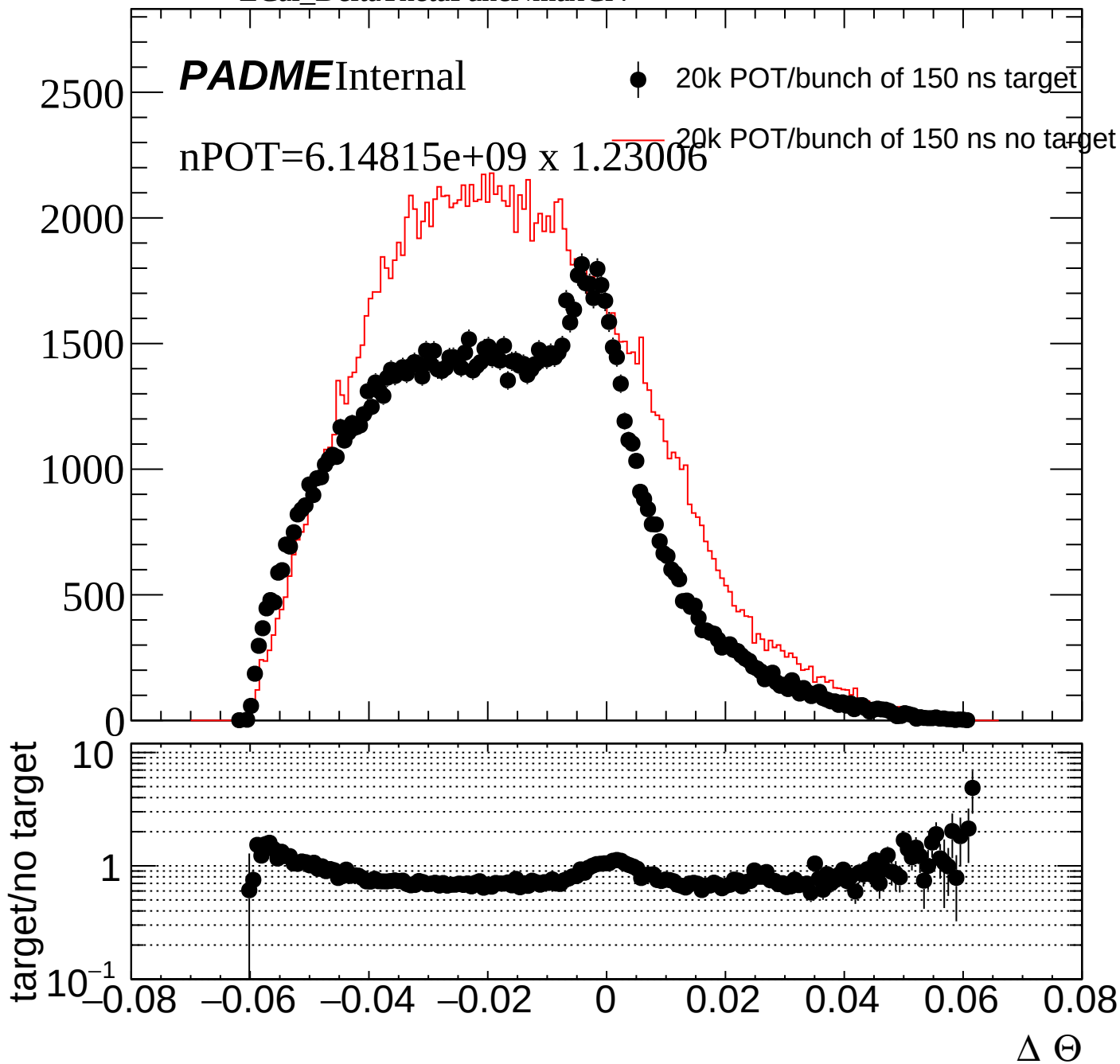








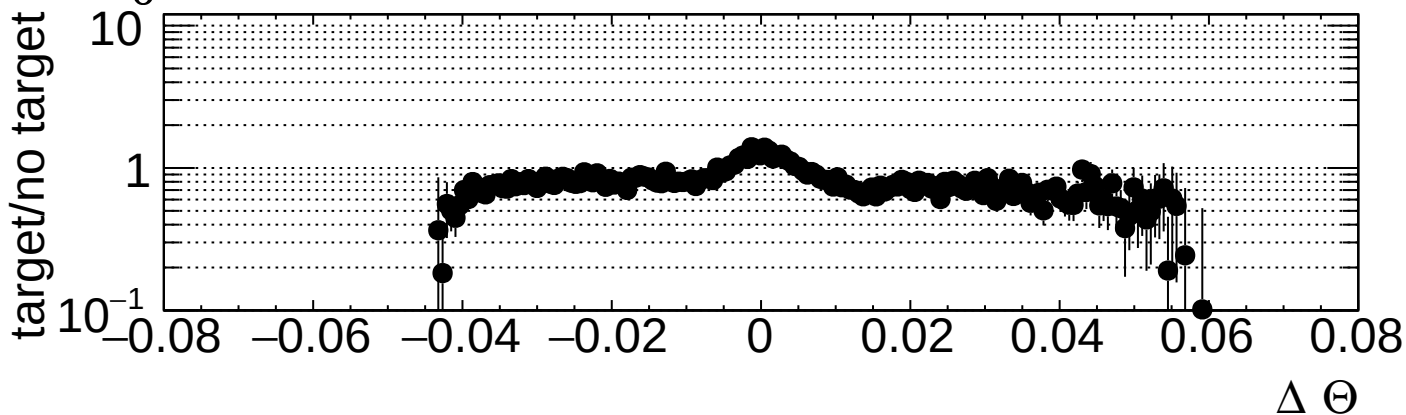




PADMEInternal

nPOT=6.14815e+09 x 1.23006

● 20k POT/bunch of 150 ns target
 — 20k POT/bunch of 150 ns no target

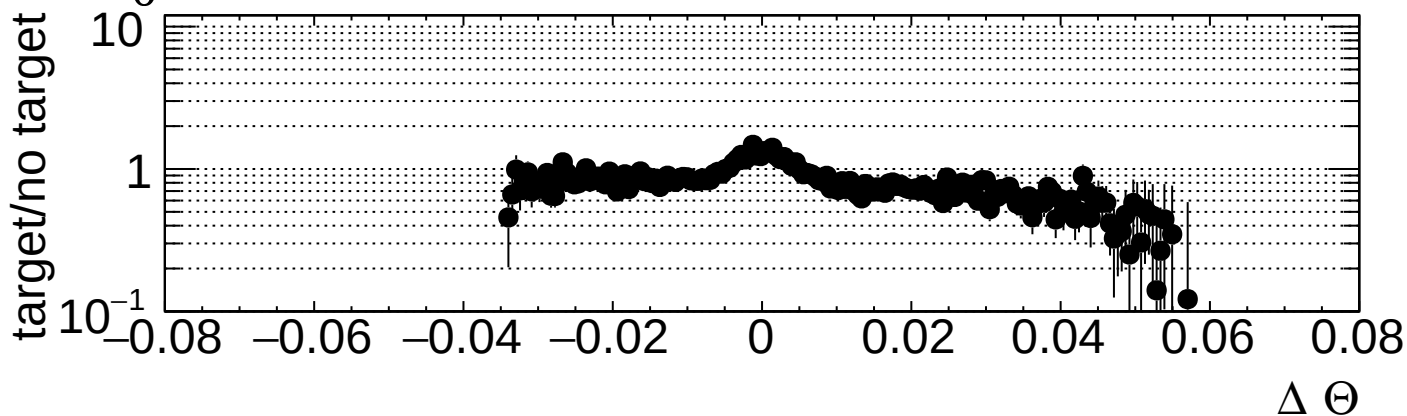


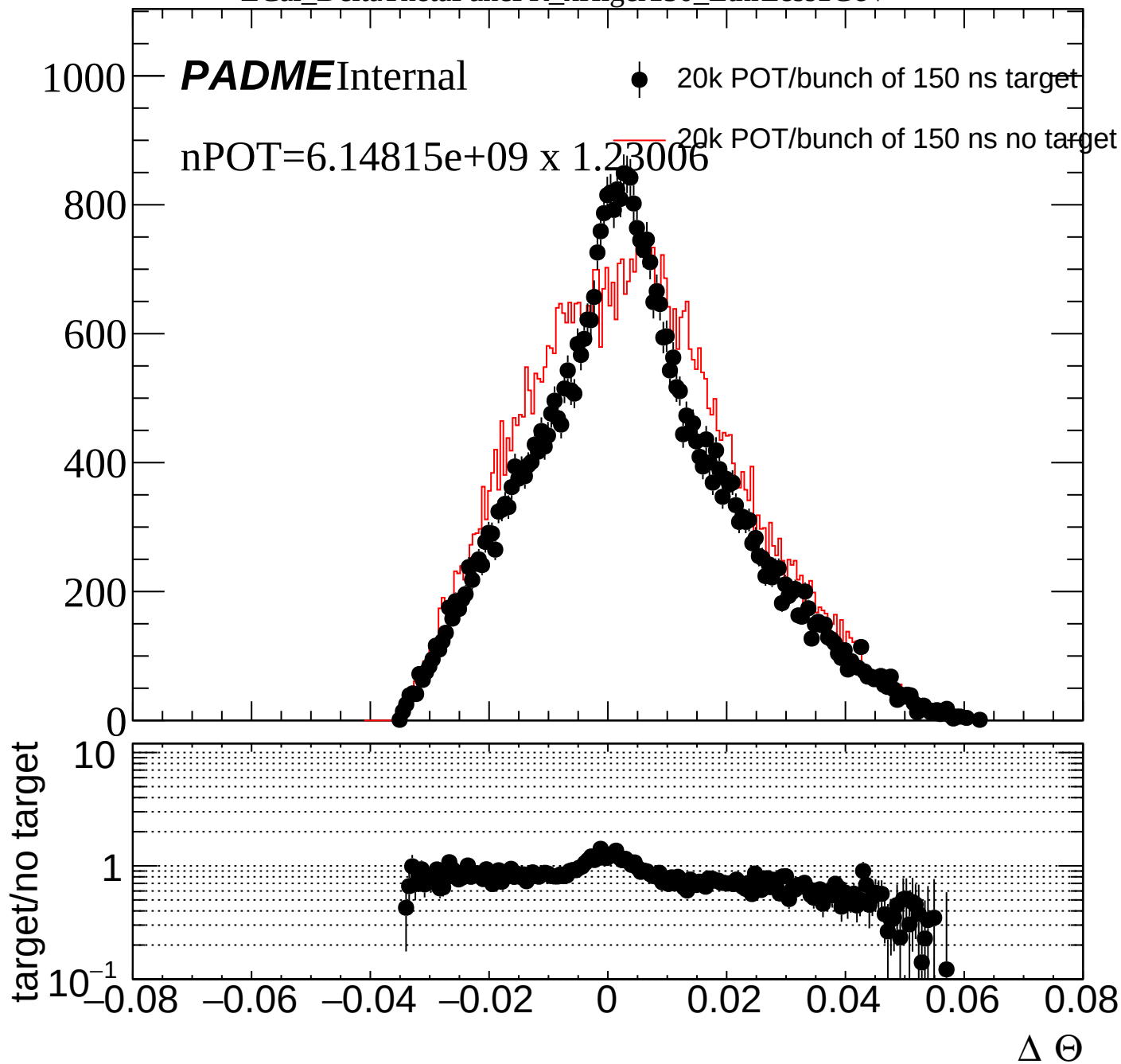
PADMEInternal

nPOT=6.14815e+09 x 1.23006

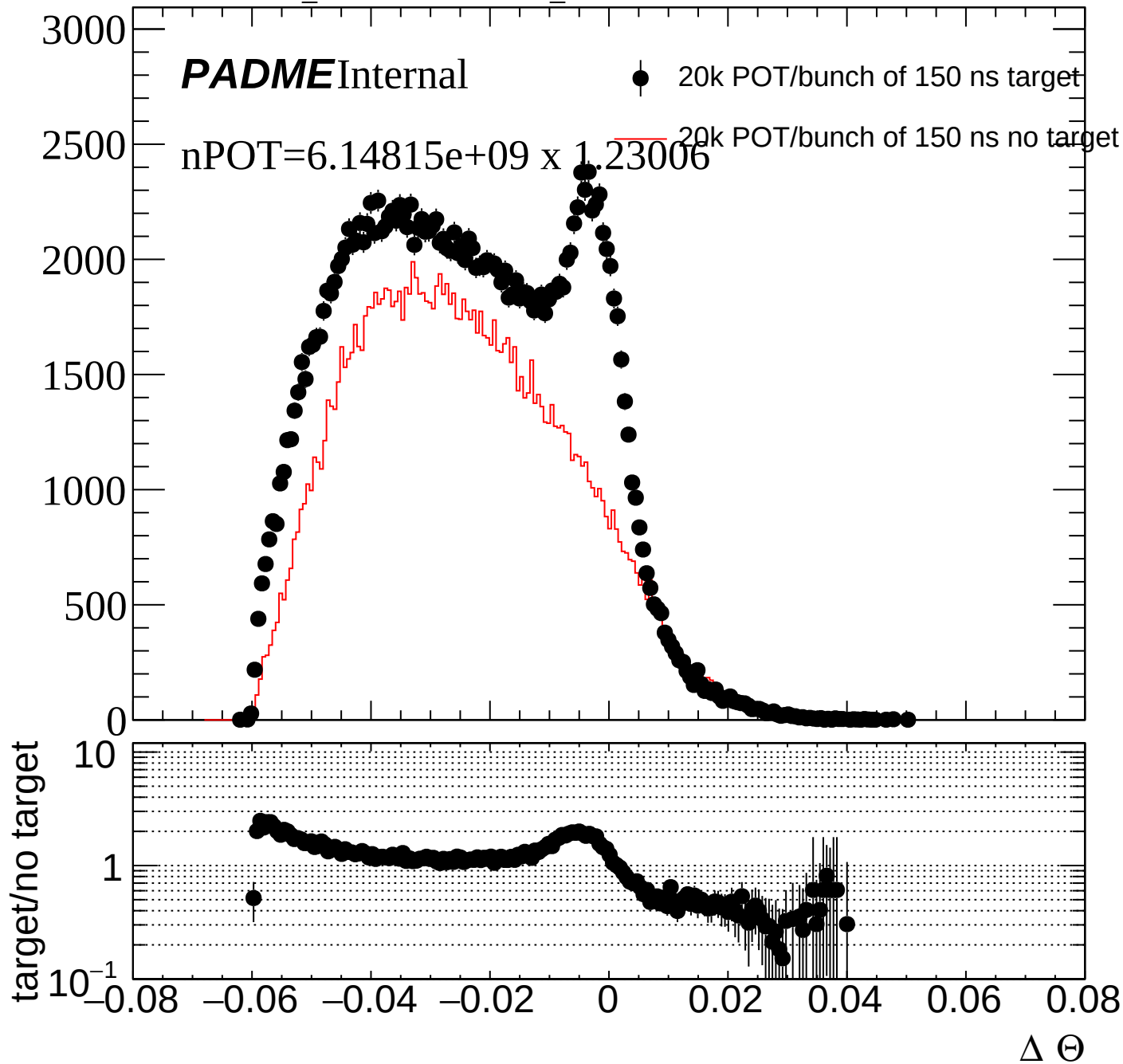
● 20k POT/bunch of 150 ns target

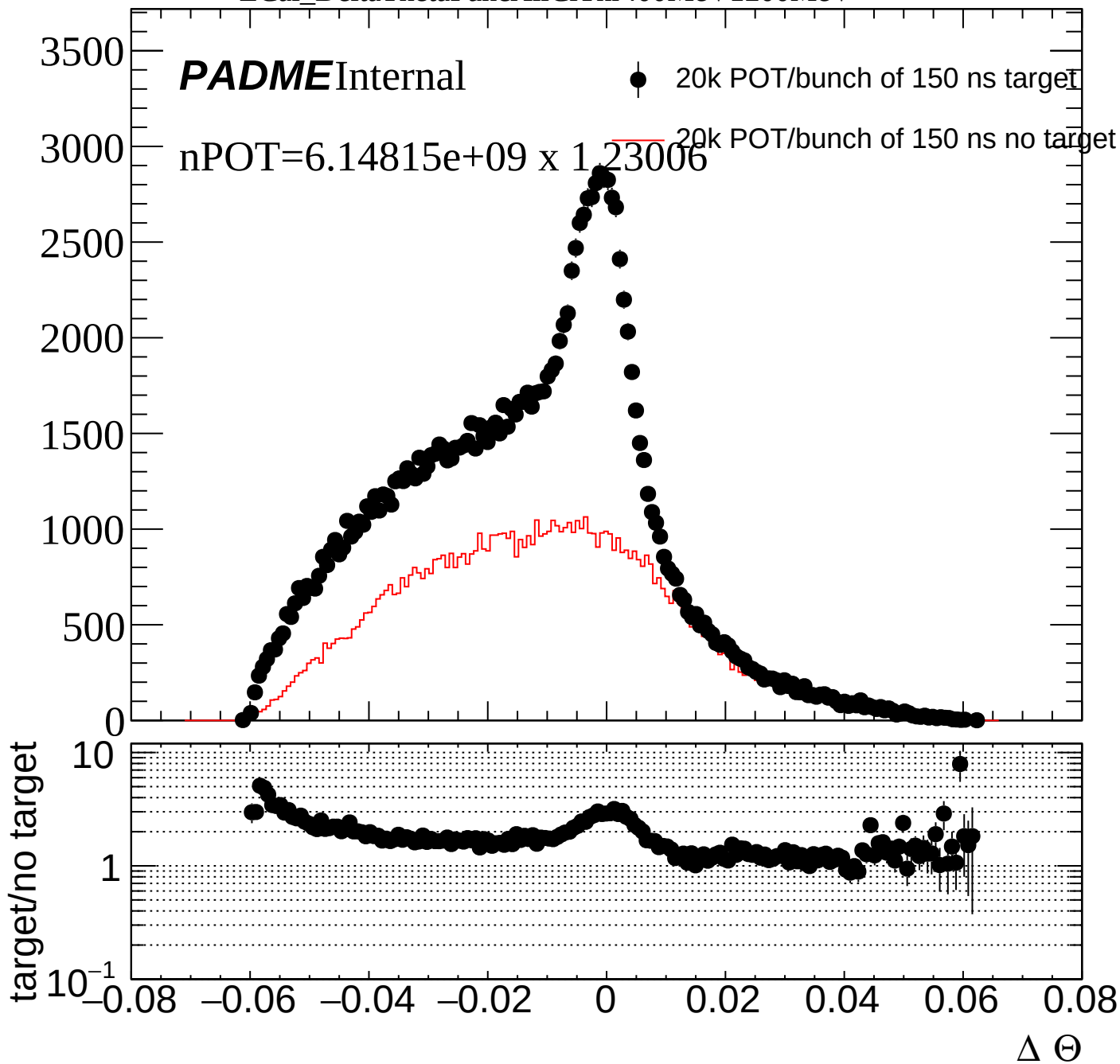
— 20k POT/bunch of 150 ns no target





ECal_DeltaThetaFuncFR_xLess120





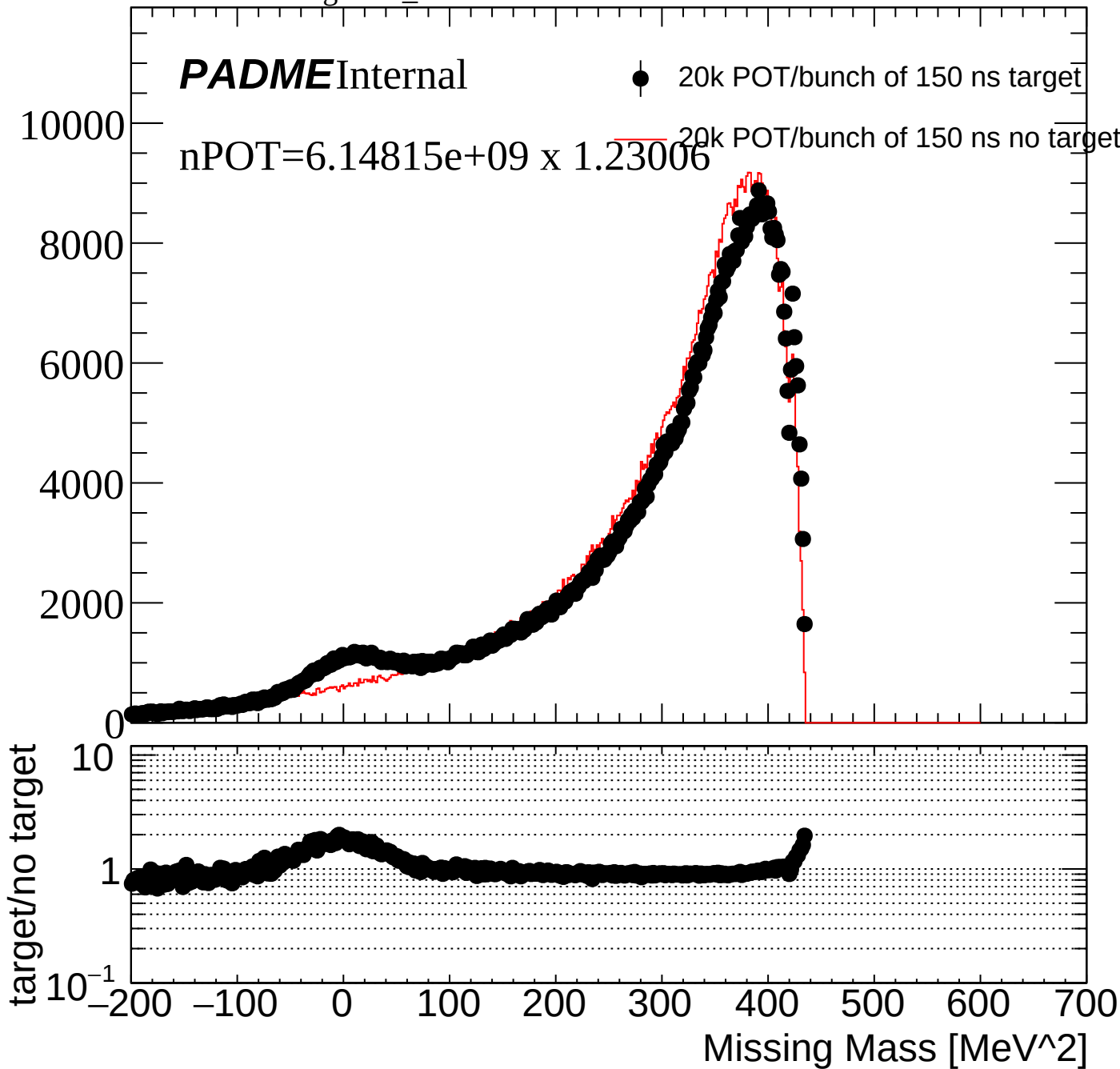
MissingMass_AllECALclu

PADMEInternal

● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

— 20k POT/bunch of 150 ns no target



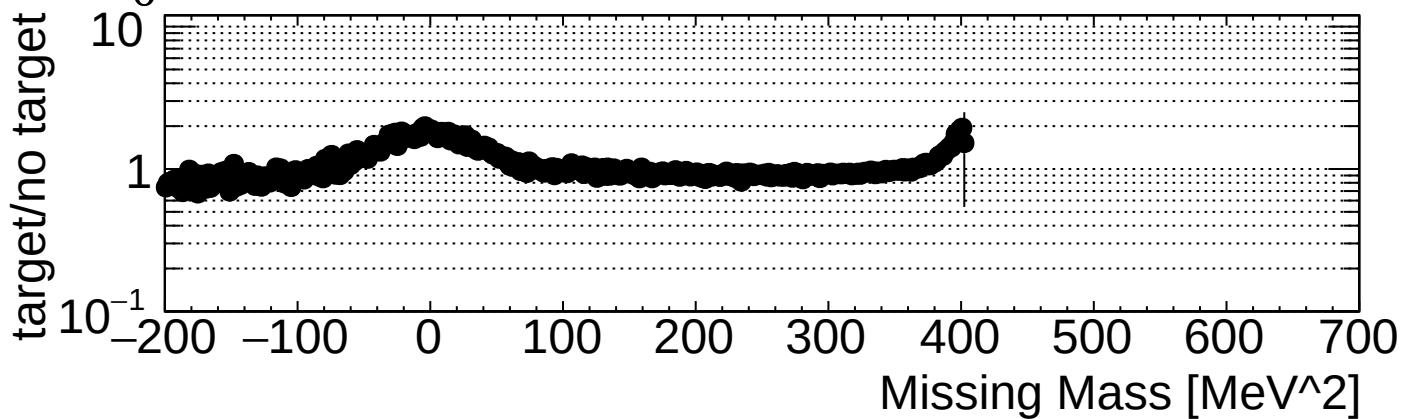
MissingMass_AllECALclu_ThrEne50MeV

PADMEInternal

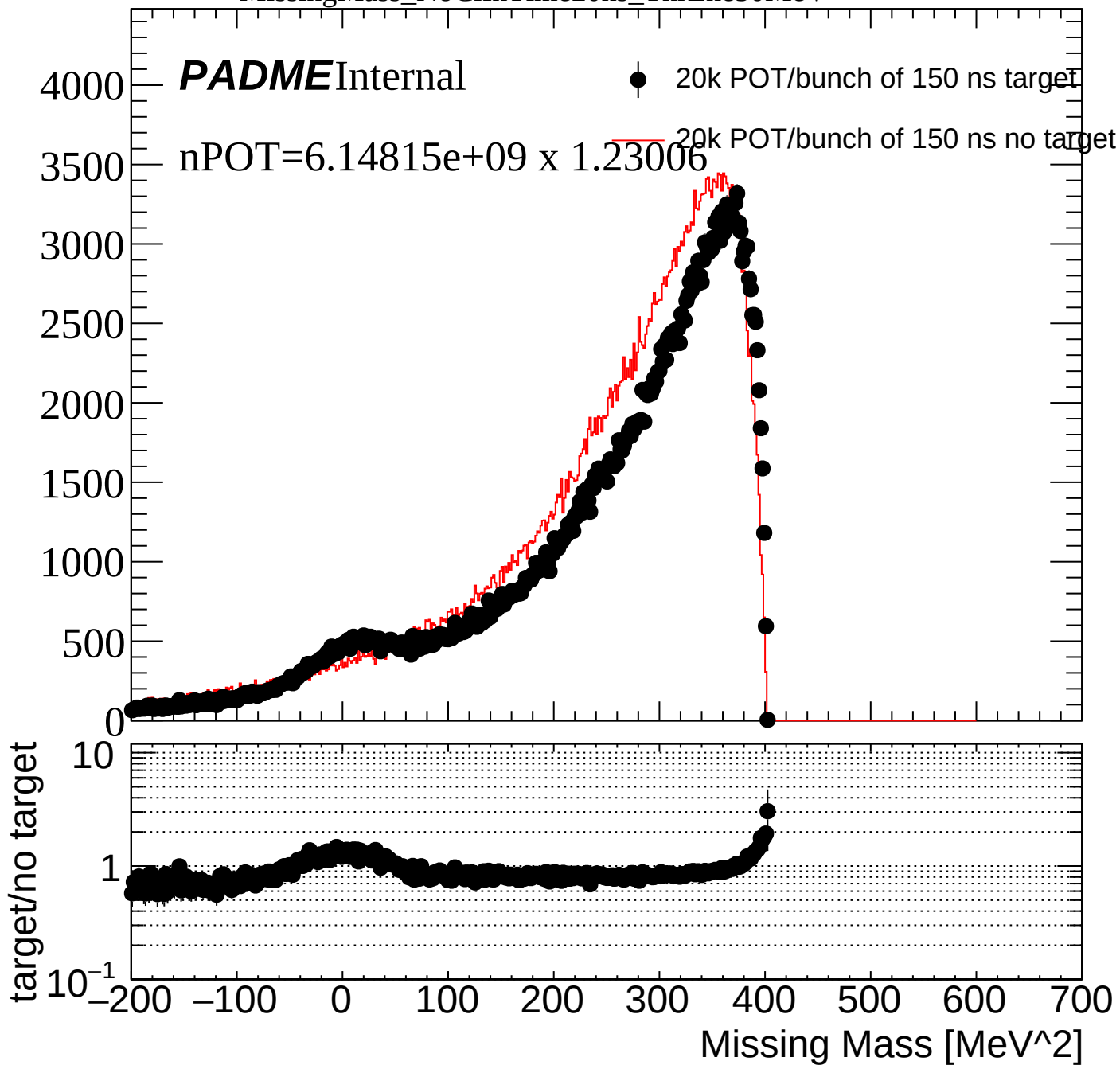
● 20k POT/bunch of 150 ns target

nPOT=6.14815e+09 x 1.23006

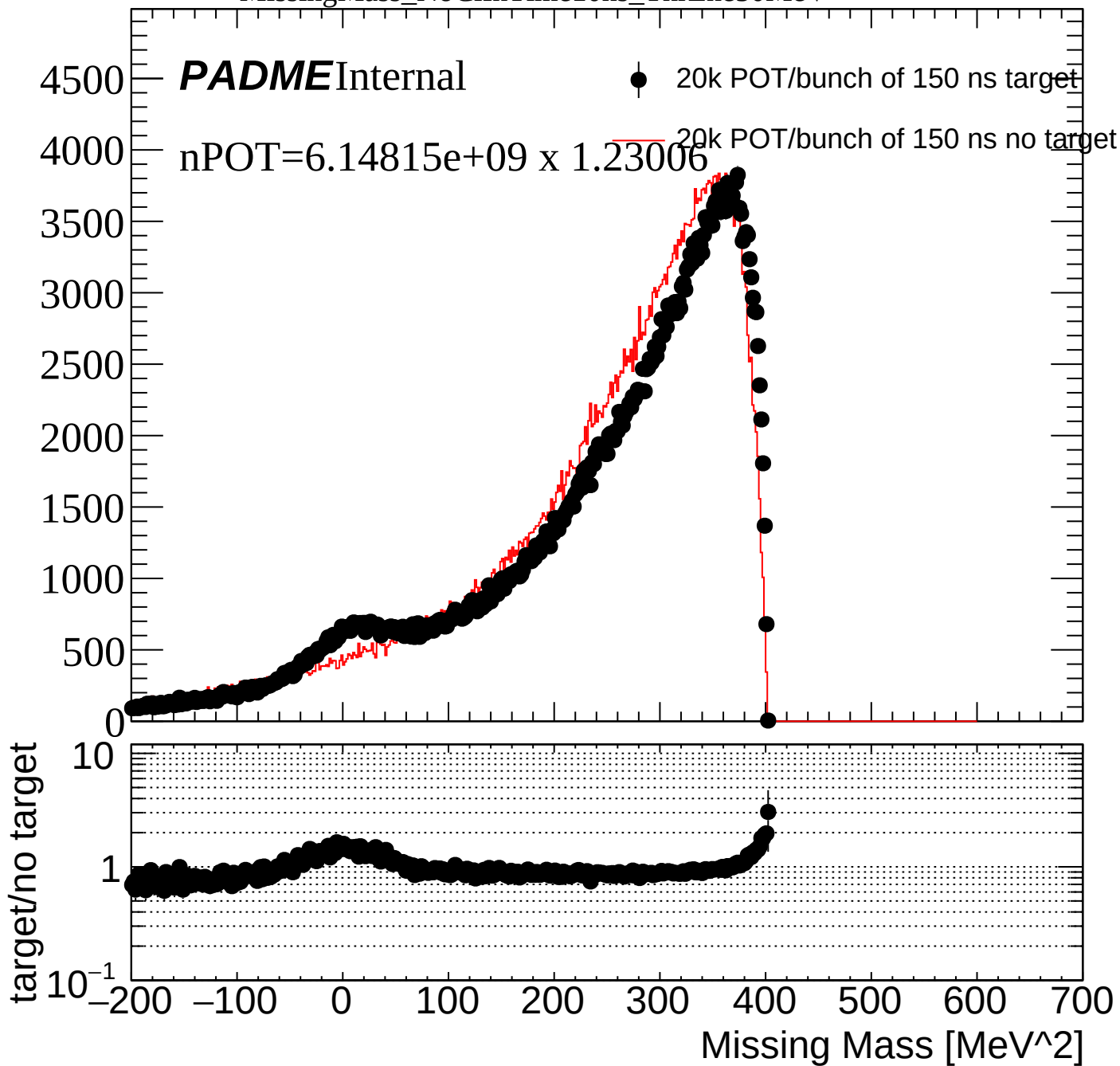
— 20k POT/bunch of 150 ns no target

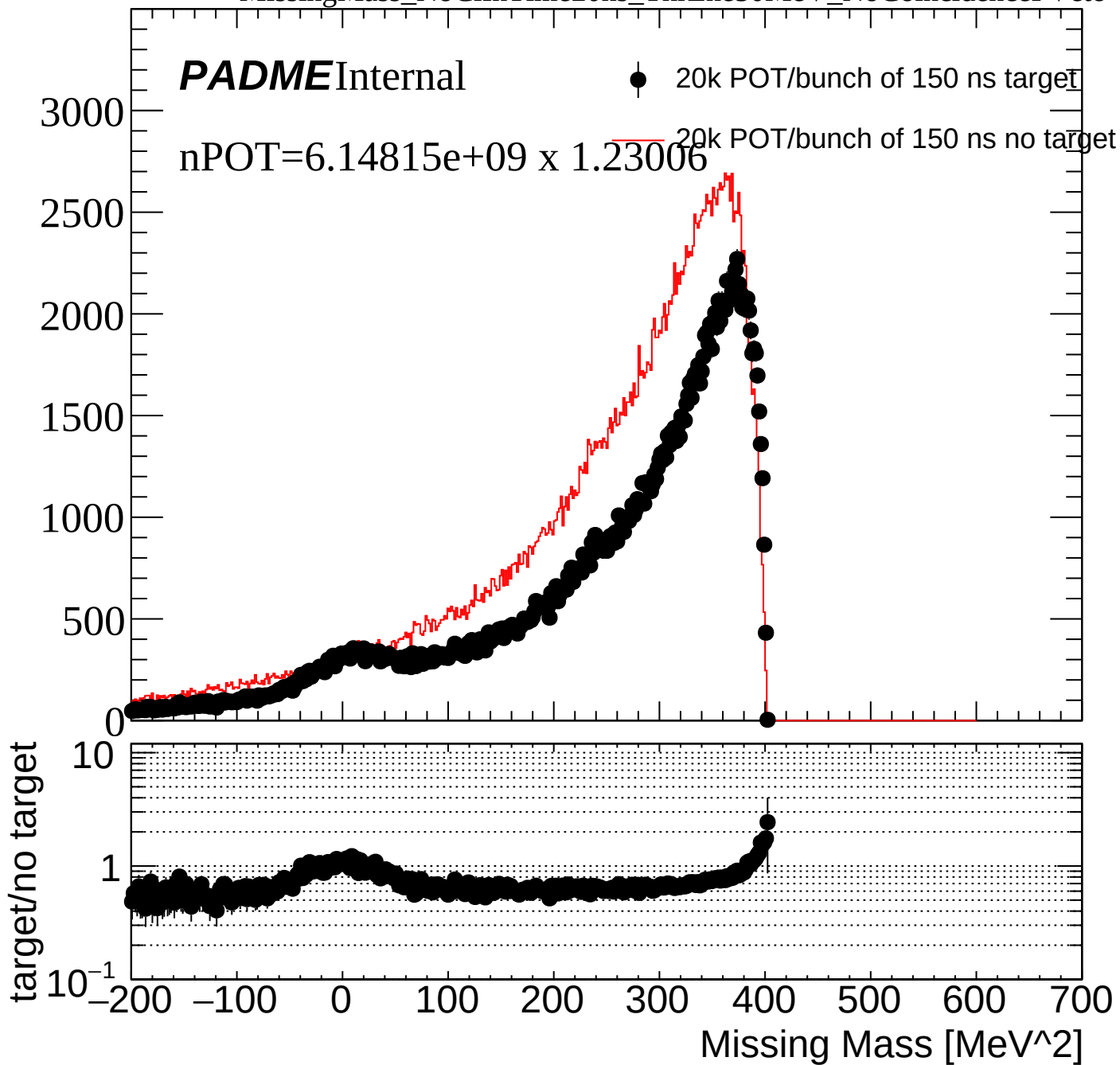


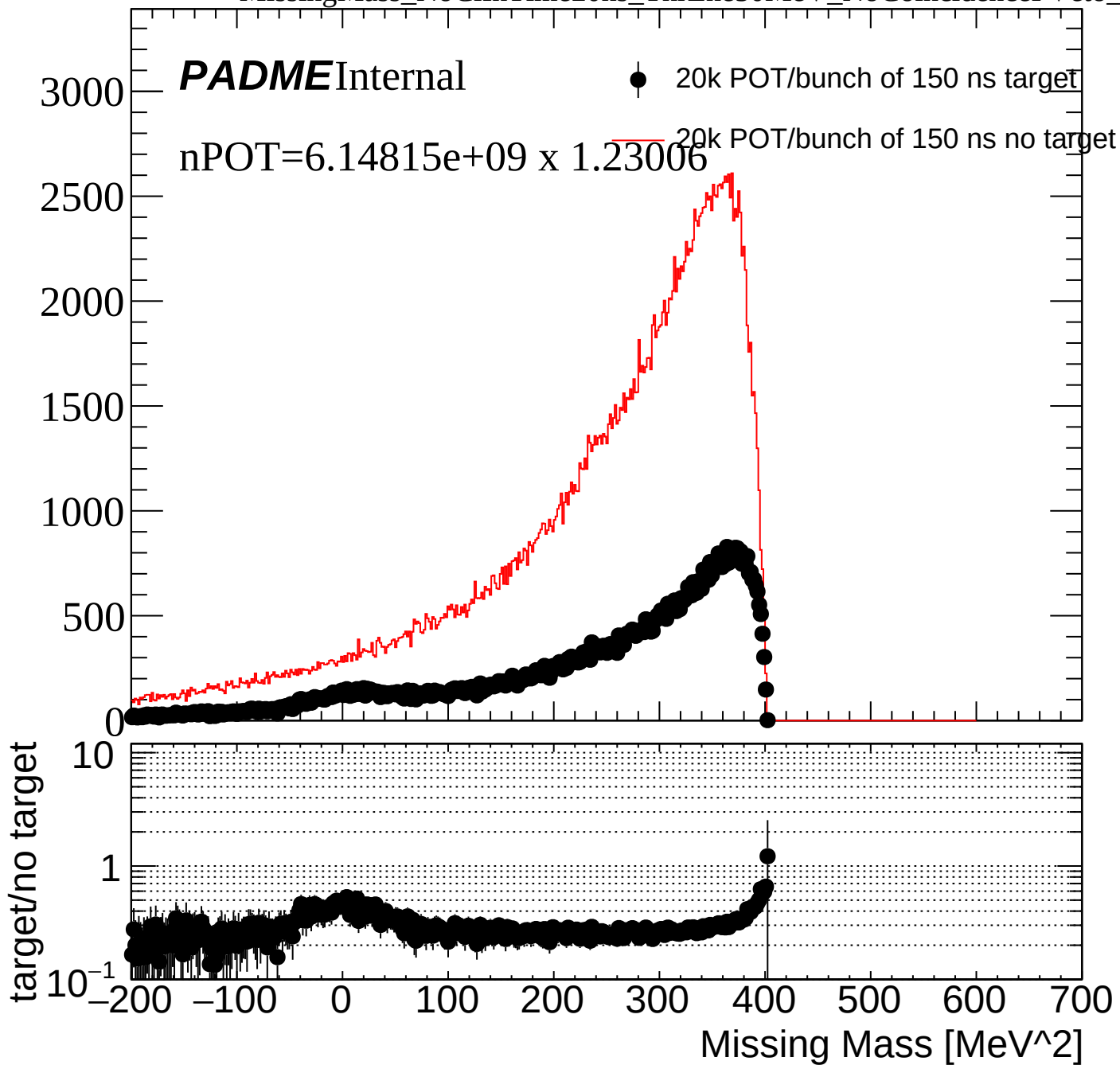
MissingMass_NoClInTime20ns_ThrEne50MeV



MissingMass_NoClInTime10ns_ThrEne50MeV







MissingMass_NoClInTime10ns_ThrEne50MeV_NoCoincidencePVeto

