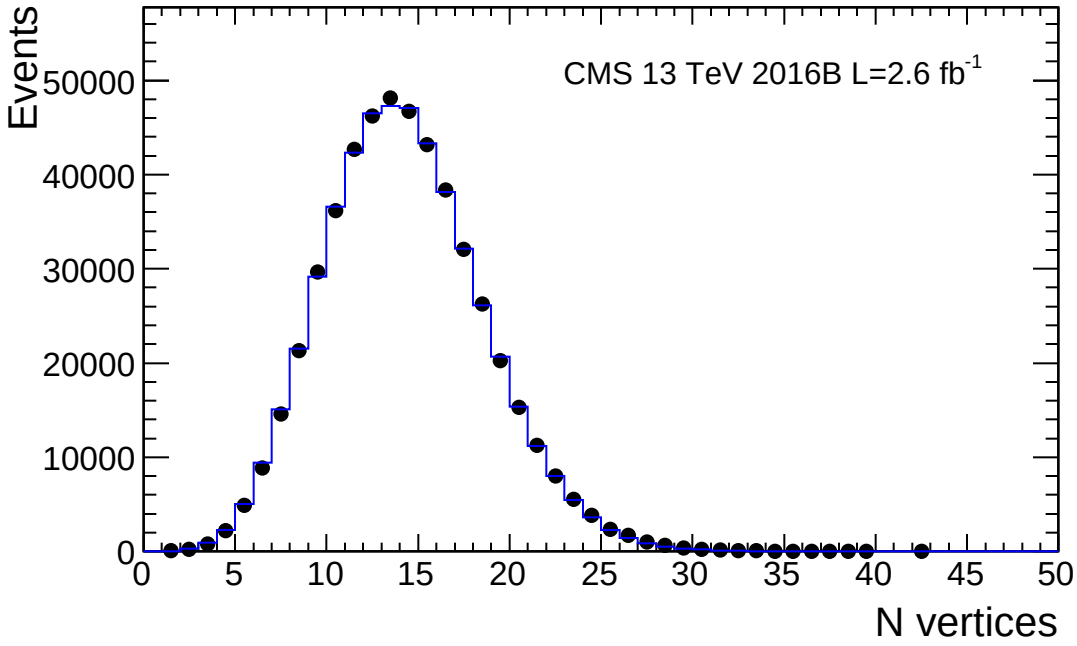
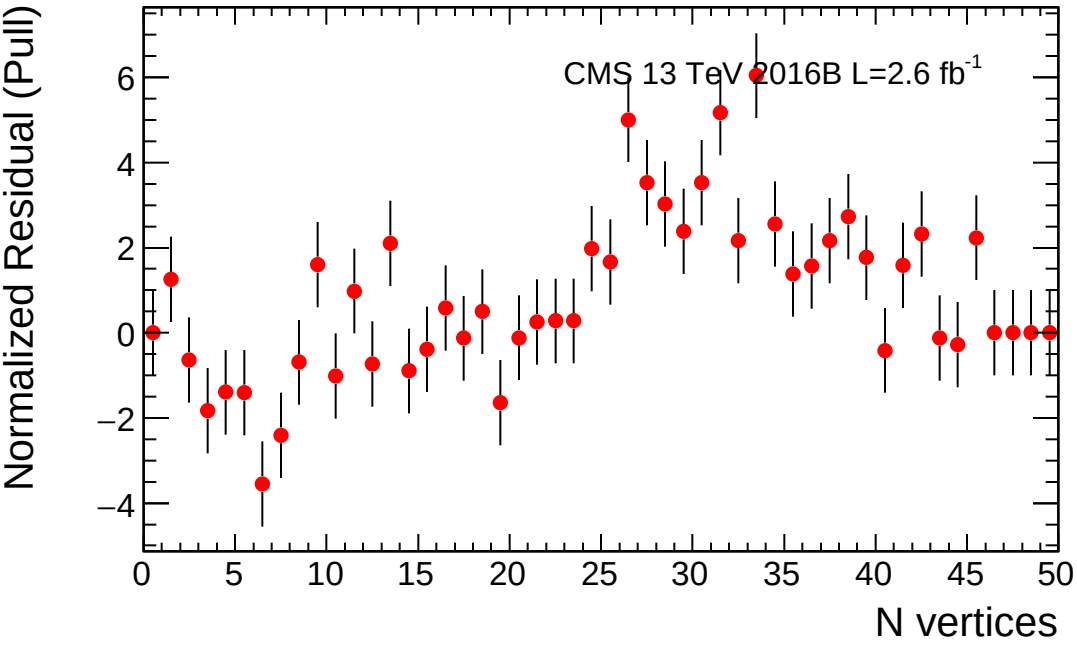
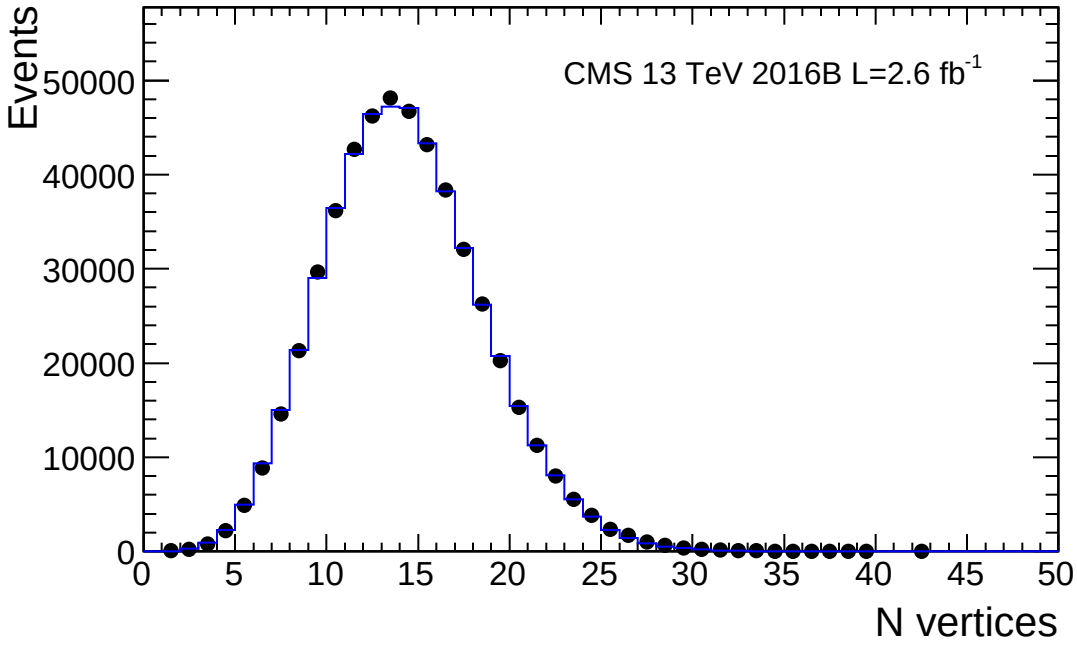
**nVert: MB xsec= 69100 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



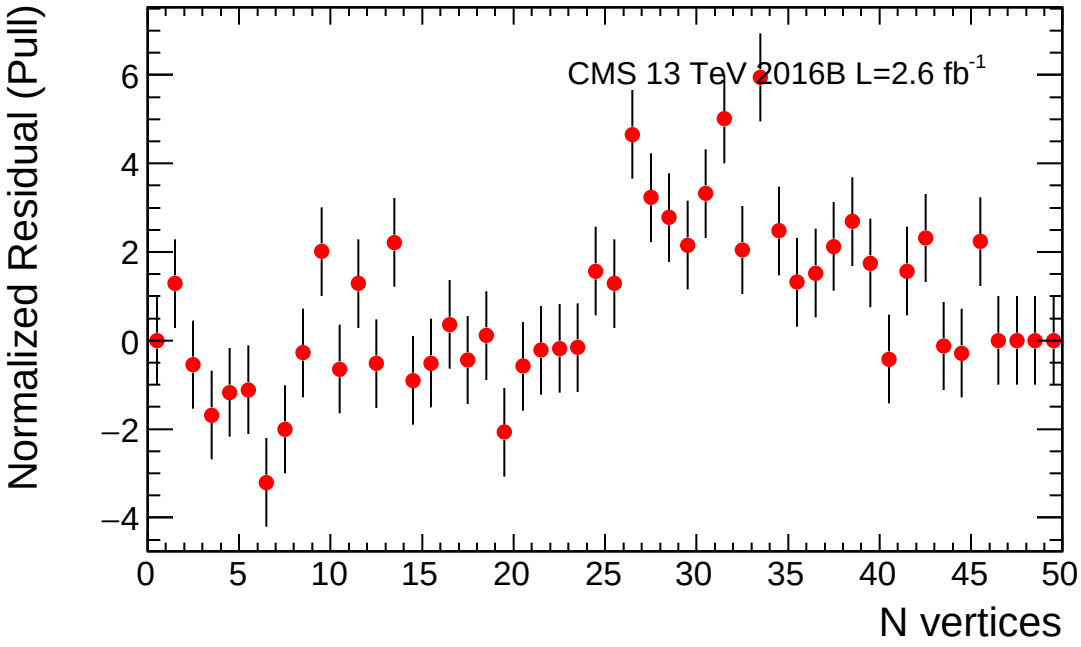

**Pull: MB xsec= 69100 ub , Chi2/Ndf= 21.59, P-value= 1.680E-170**



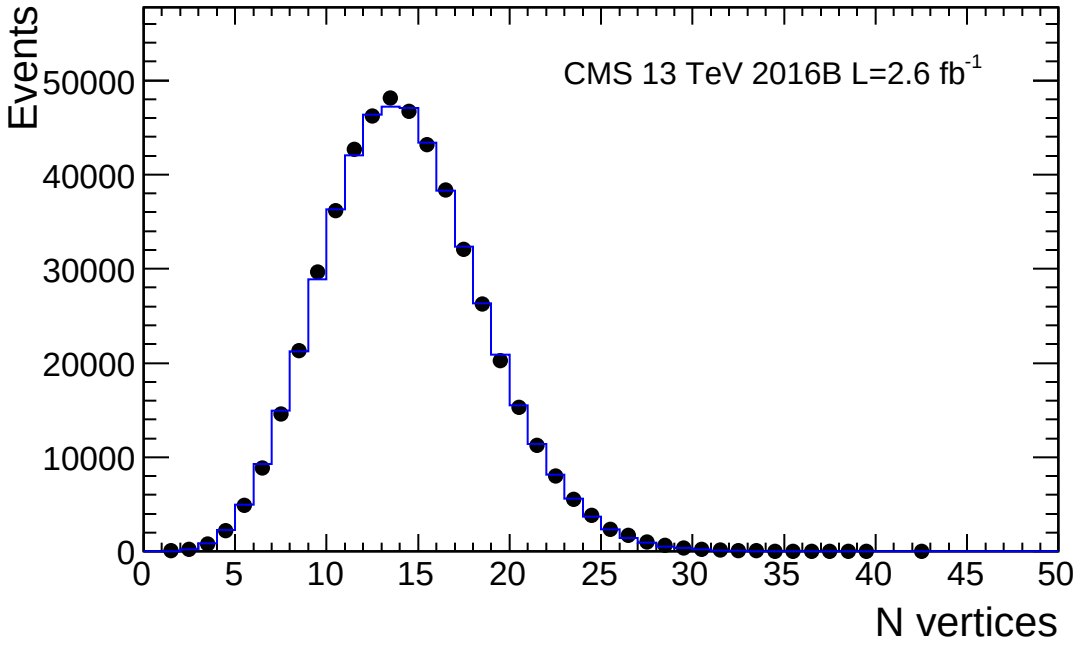
**nVert: MB xsec= 69200 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



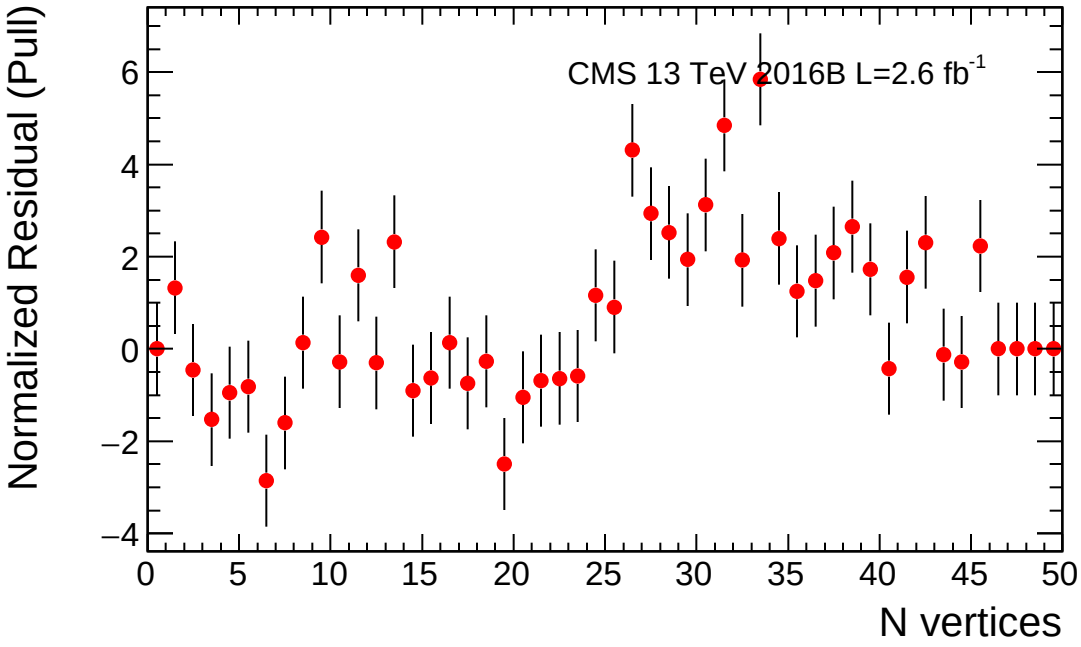

**Pull: MB xsec= 69200 ub , Chi2/Ndf= 20.68, P-value= 3.308E-162**



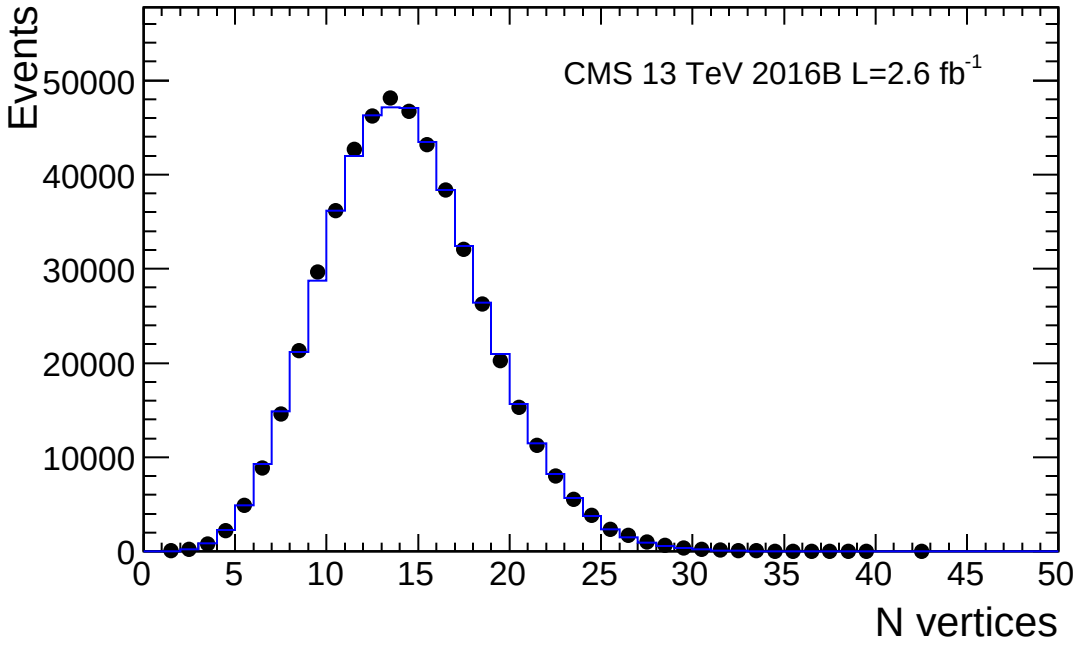
**nVert: MB xsec= 69300 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



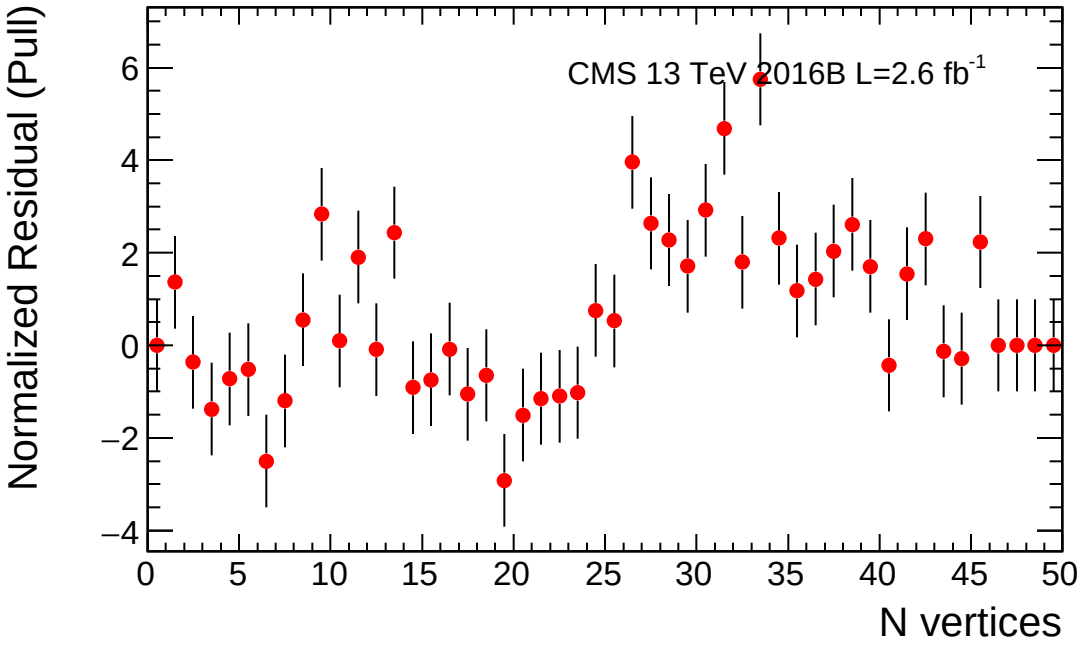

**Pull: MB xsec= 69300 ub , Chi2/Ndf= 19.92, P-value= 2.881E-155**



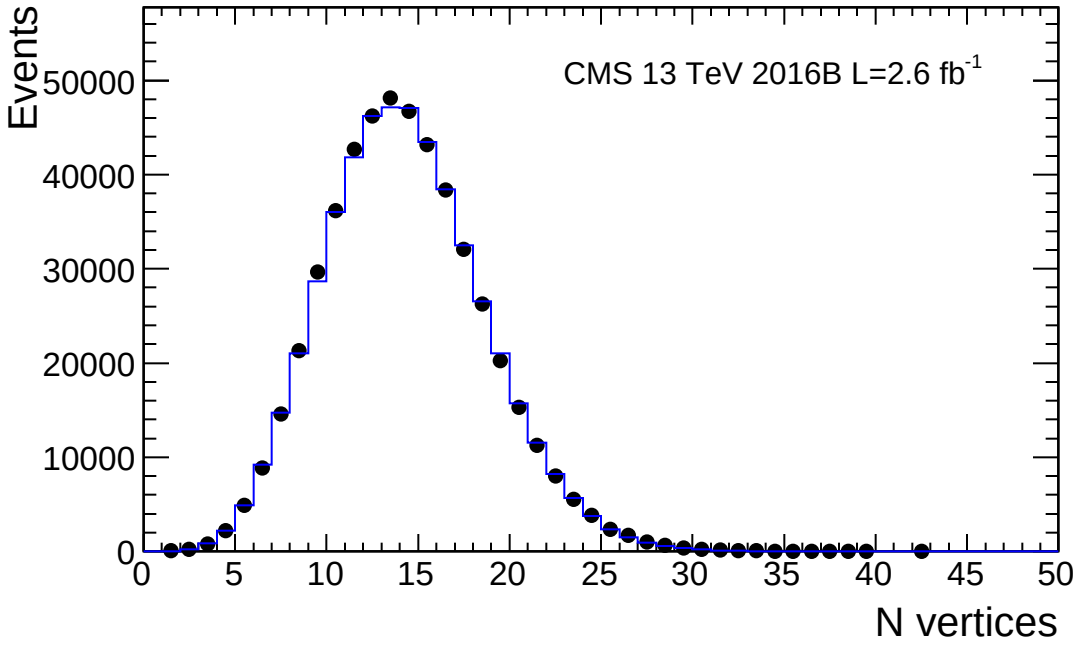
**nVert: MB xsec= 69400 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



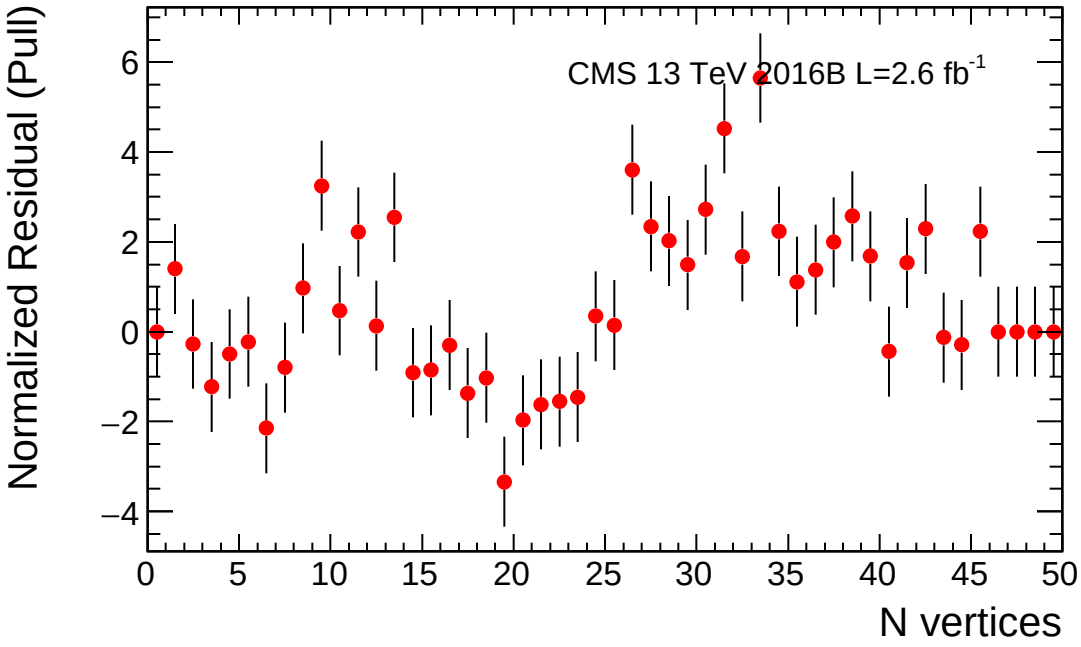

**Pull: MB xsec= 69400 ub , Chi2/Ndf= 19.31, P-value= 1.120E-149**



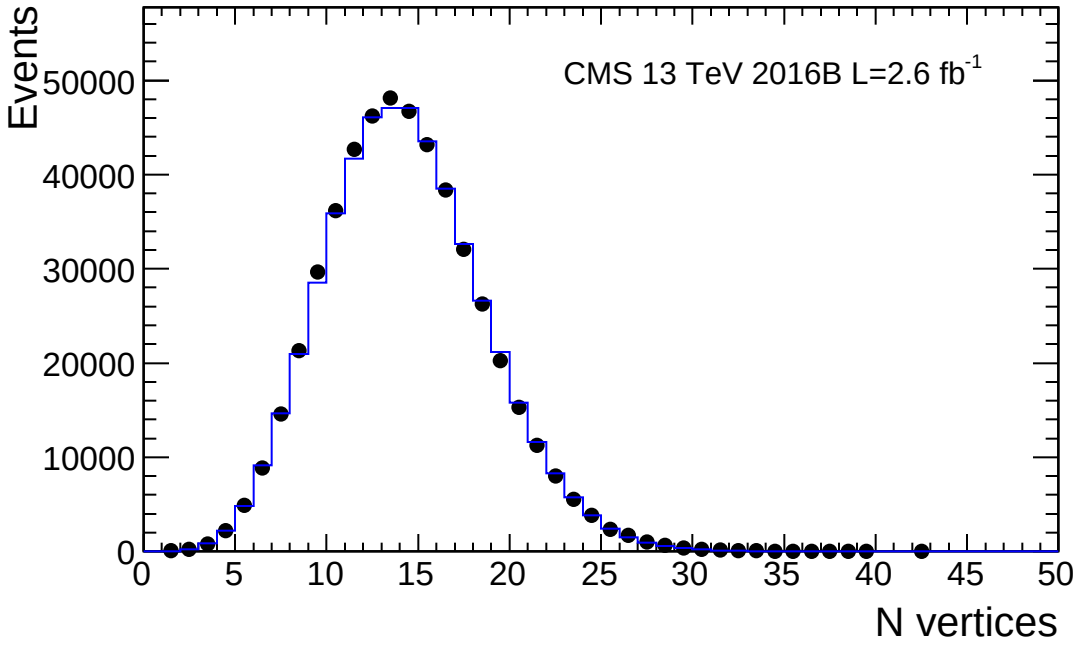
**nVert: MB xsec= 69500 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



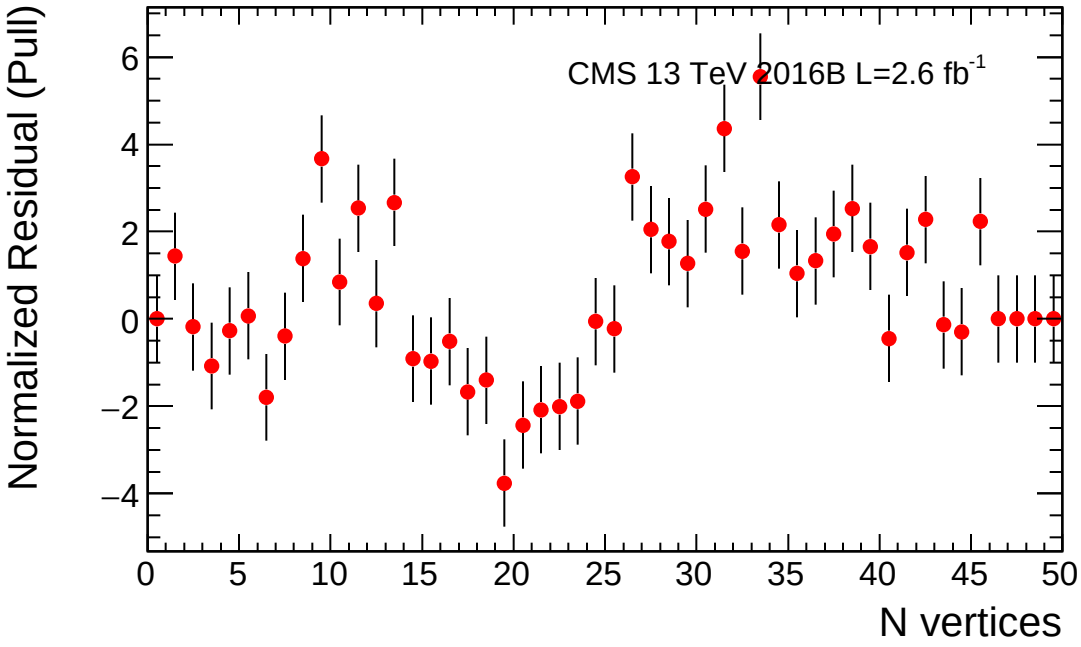

**Pull: MB xsec= 69500 ub , Chi2/Ndf= 18.84, P-value= 1.956E-145**



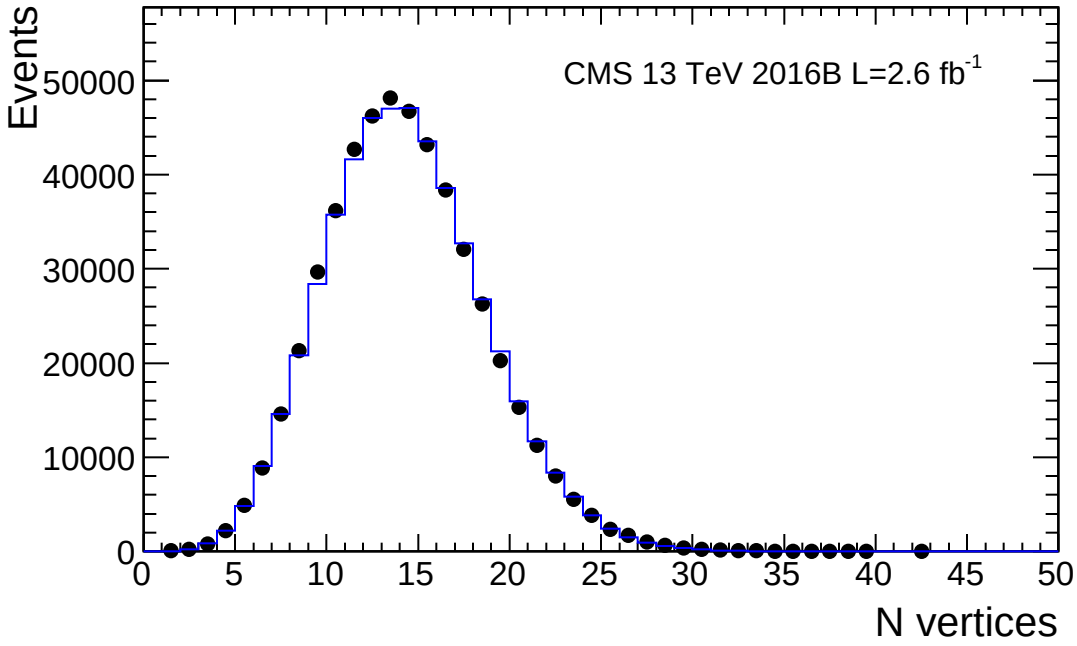
**nVert: MB xsec= 69600 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



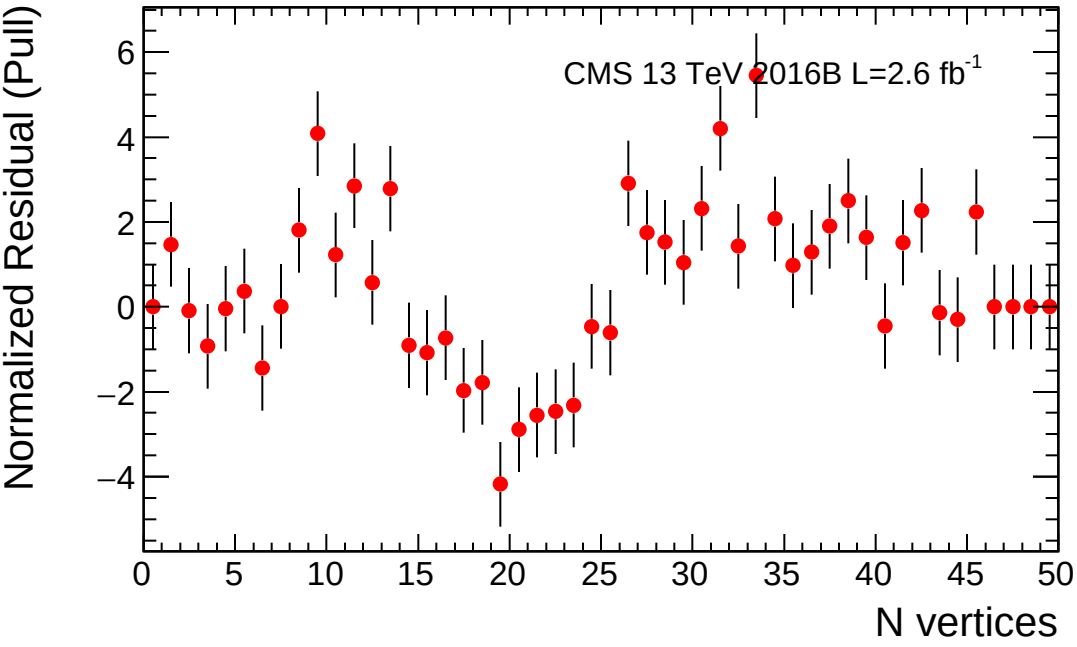

**Pull: MB xsec= 69600 ub , Chi2/Ndf= 18.52, P-value= 1.546E-142**



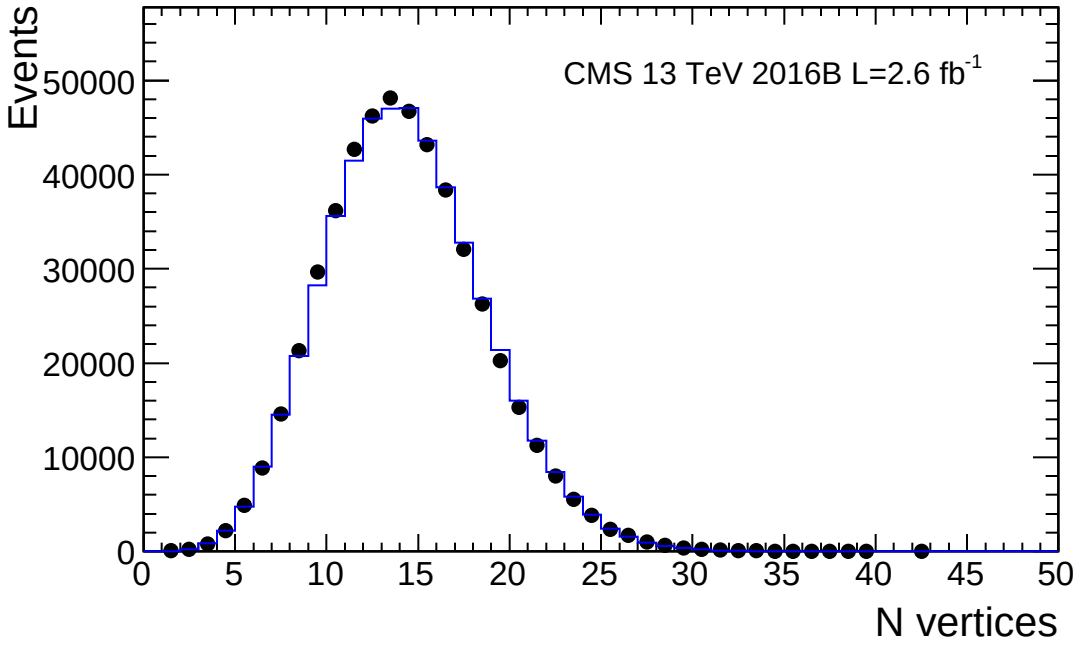
**nVert: MB xsec= 69700 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



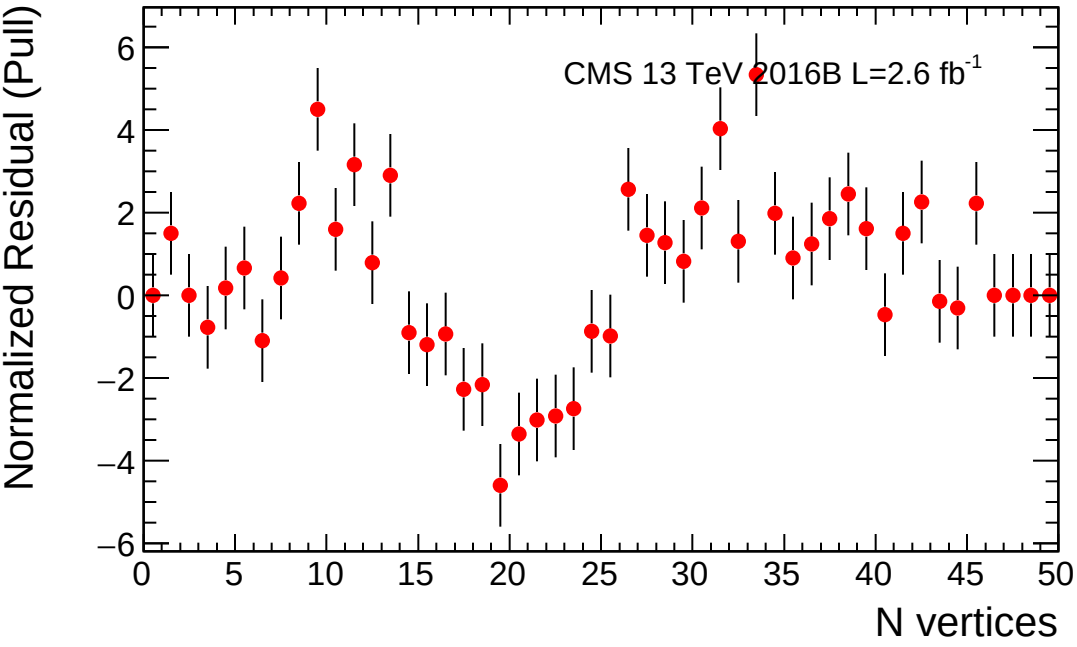

**Pull: MB xsec= 69700 ub , Chi2/Ndf= 18.35, P-value= 5.546E-141**



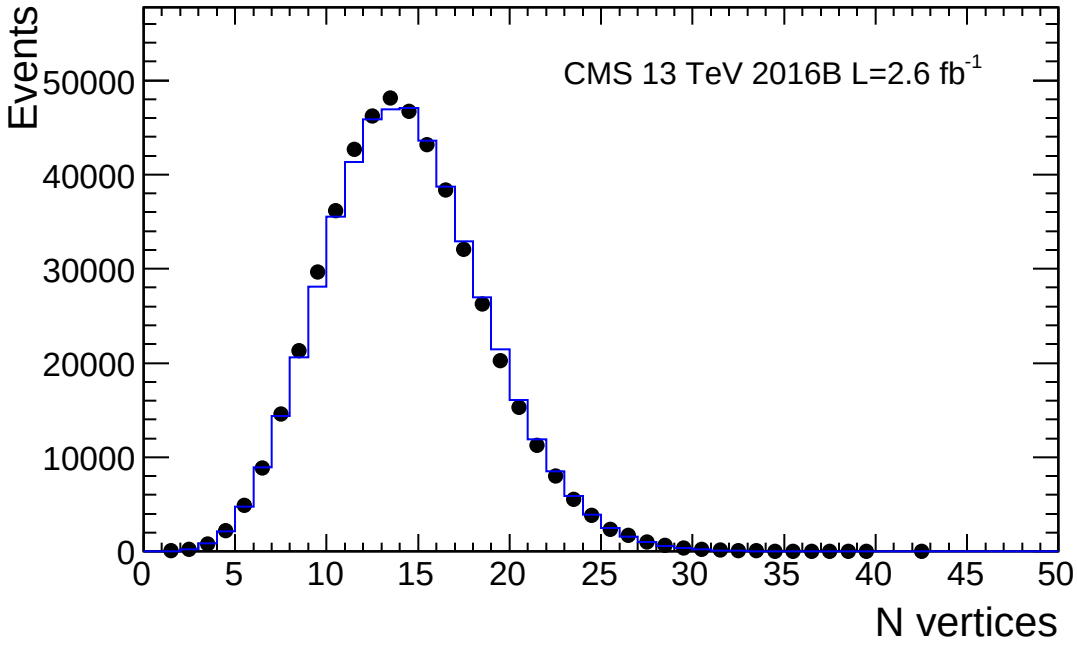
**nVert: MB xsec= 69800 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



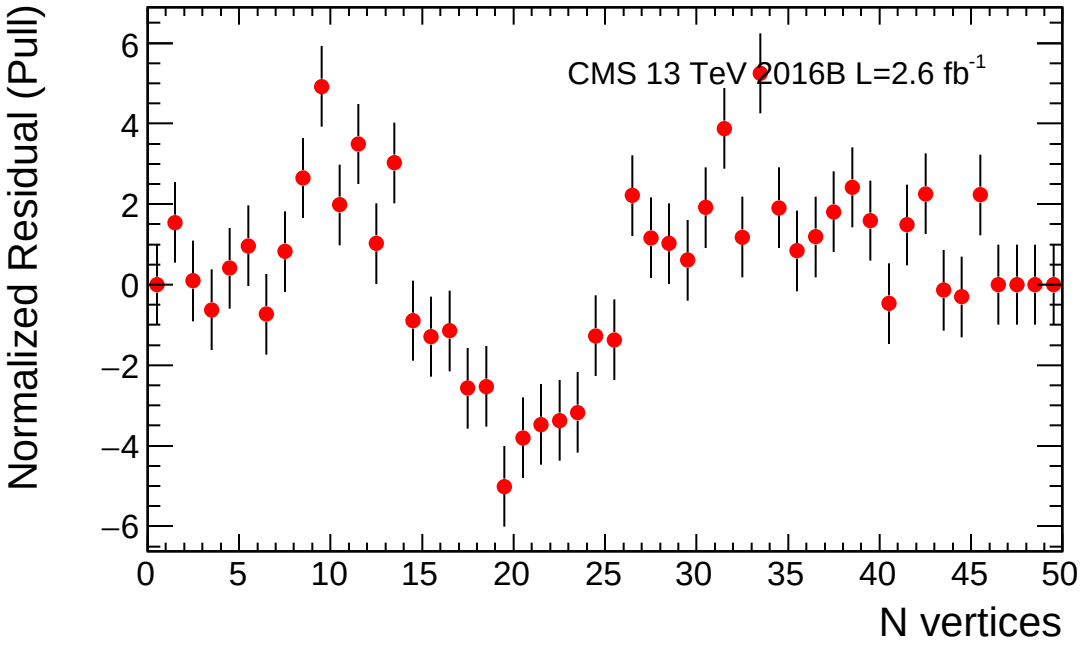

**Pull: MB xsec= 69800 ub , Chi2/Ndf= 18.32, P-value= 9.035E-141**



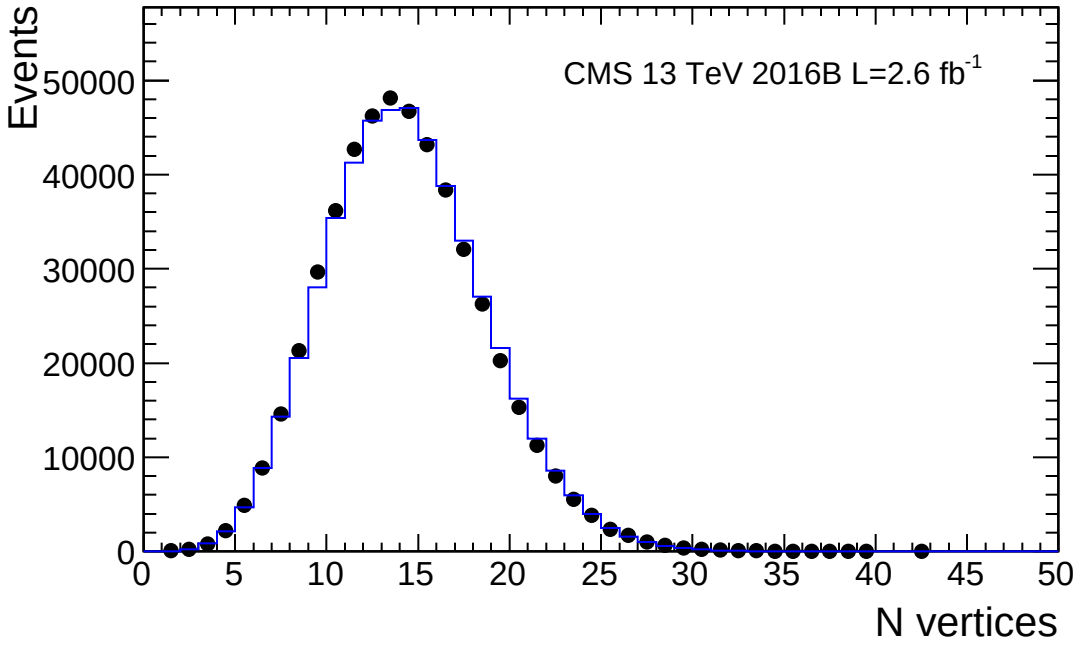
**nVert: MB xsec= 69900 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



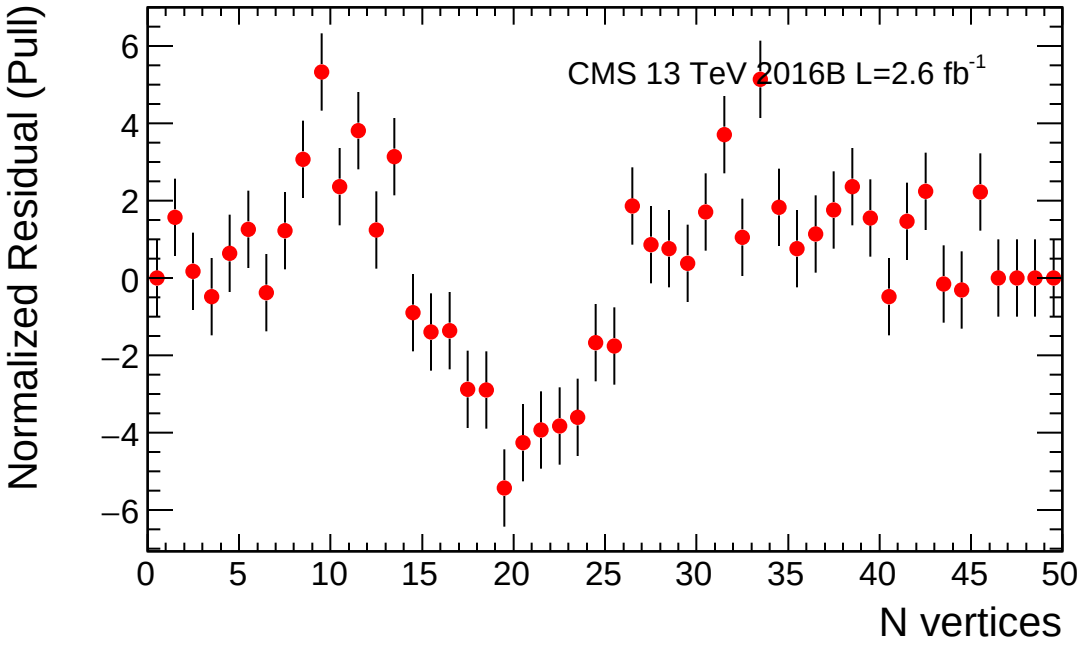

**Pull: MB xsec= 69900 ub , Chi2/Ndf= 18.45, P-value= 6.667E-142**



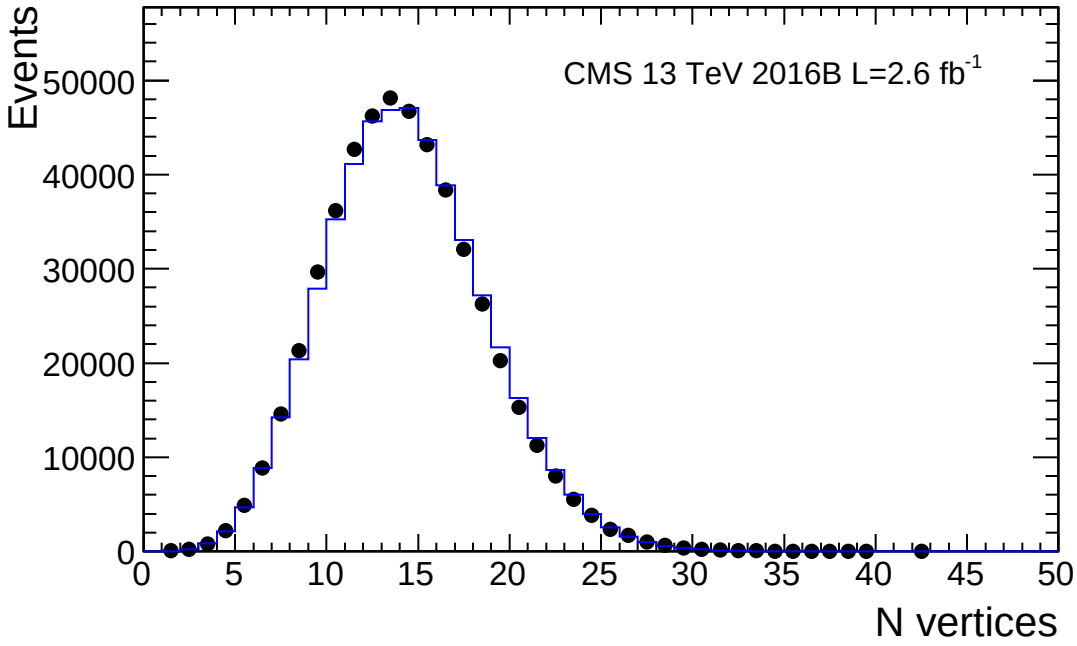
**nVert: MB xsec= 70000 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



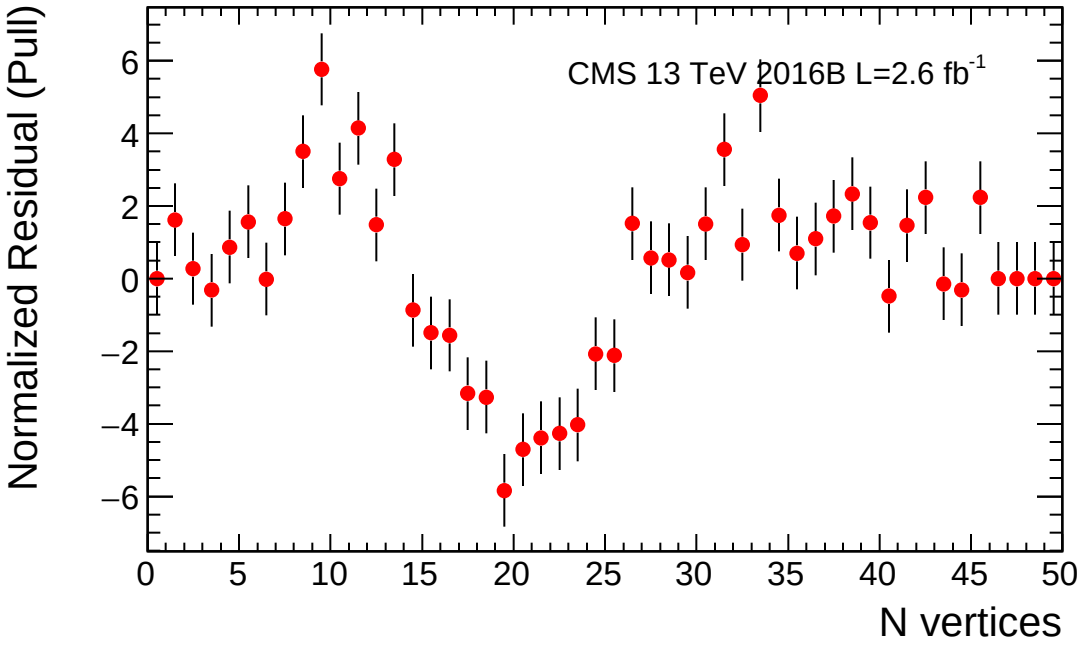

**Pull: MB xsec= 70000 ub , Chi2/Ndf= 18.72, P-value= 2.214E-144**



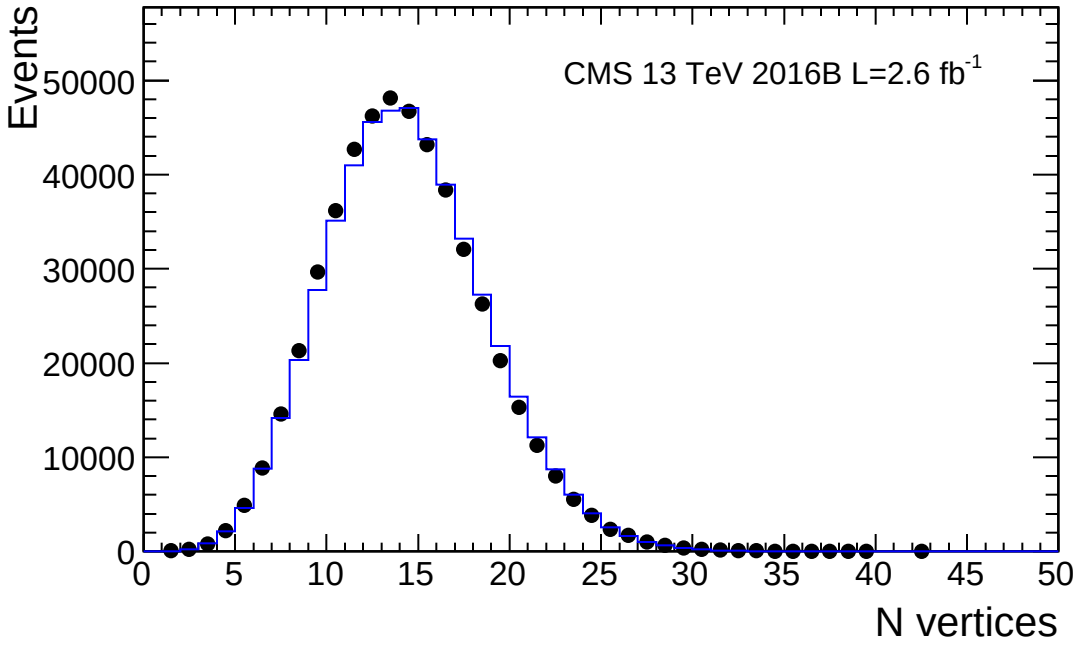
**nVert: MB xsec= 70100 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



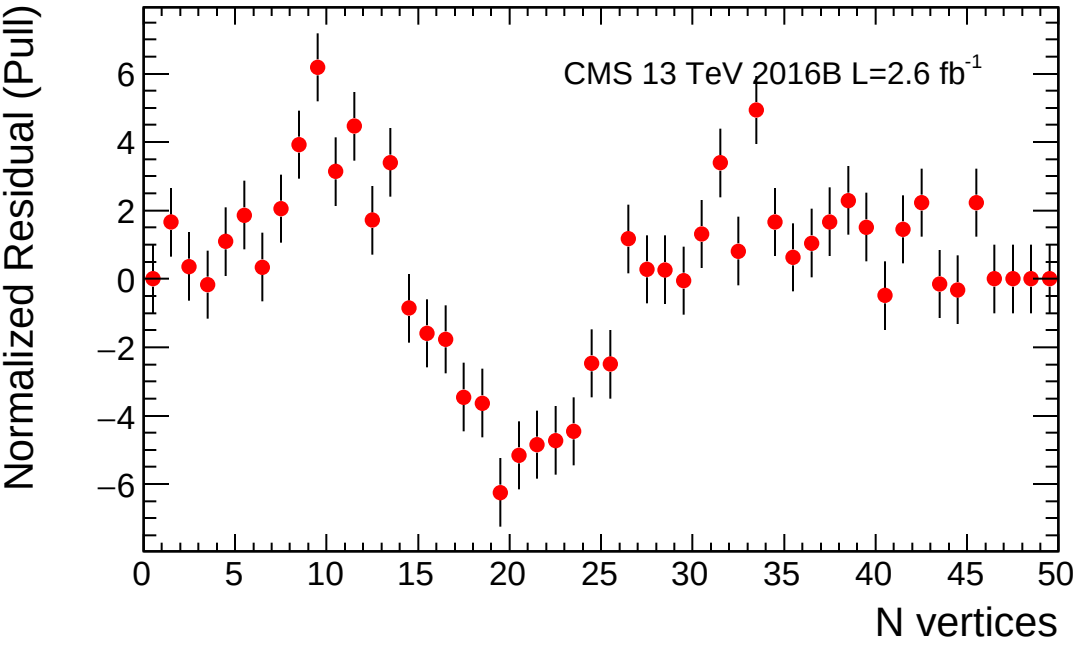

**Pull: MB xsec= 70100 ub , Chi2/Ndf= 19.14, P-value= 3.277E-148**



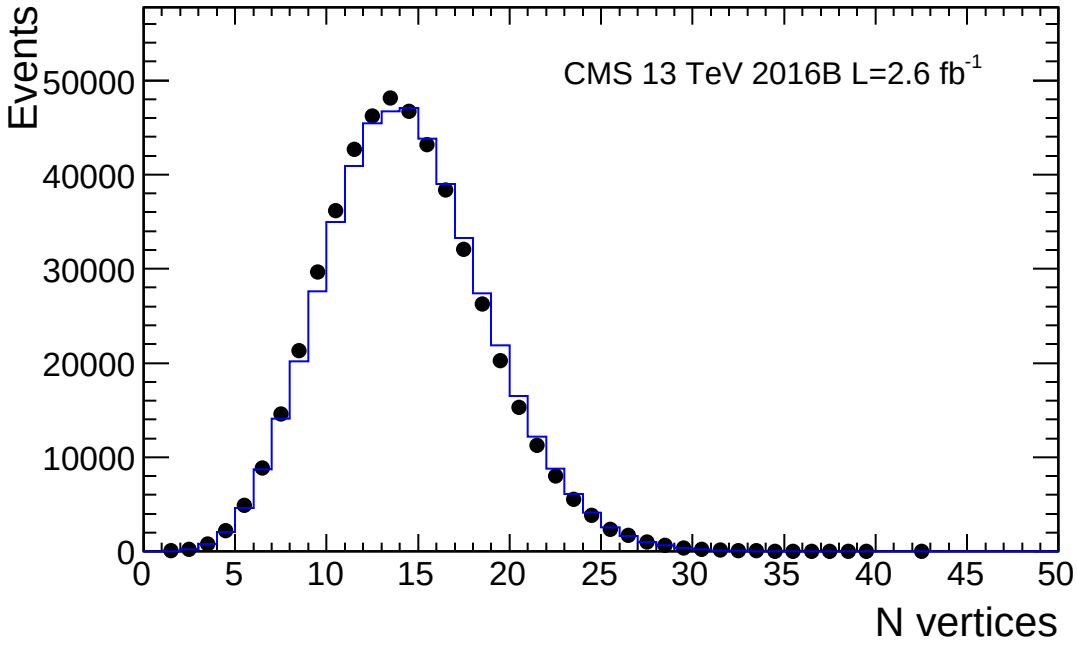
**nVert: MB xsec= 70200 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



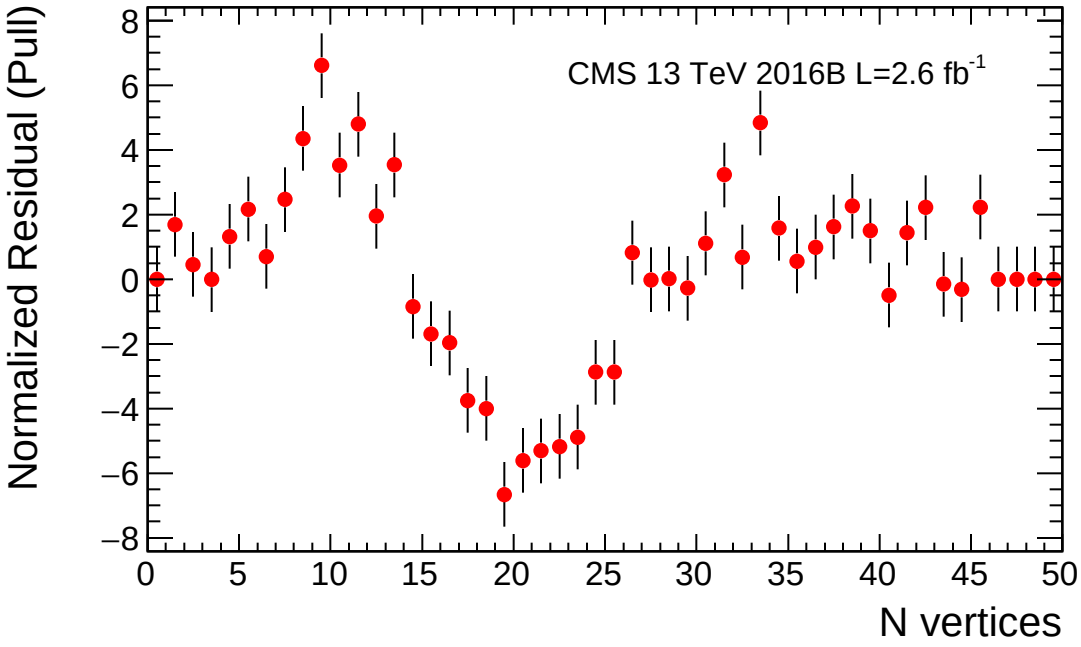

**Pull: MB xsec= 70200 ub , Chi2/Ndf= 19.71, P-value= 2.136E-153**



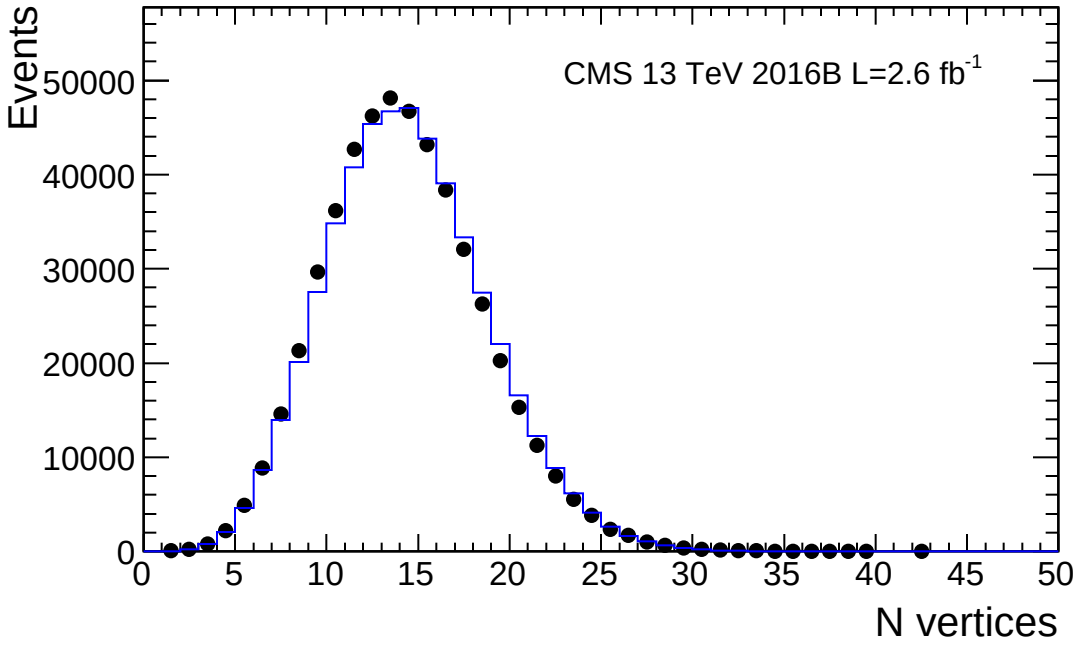
**nVert: MB xsec= 70300 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



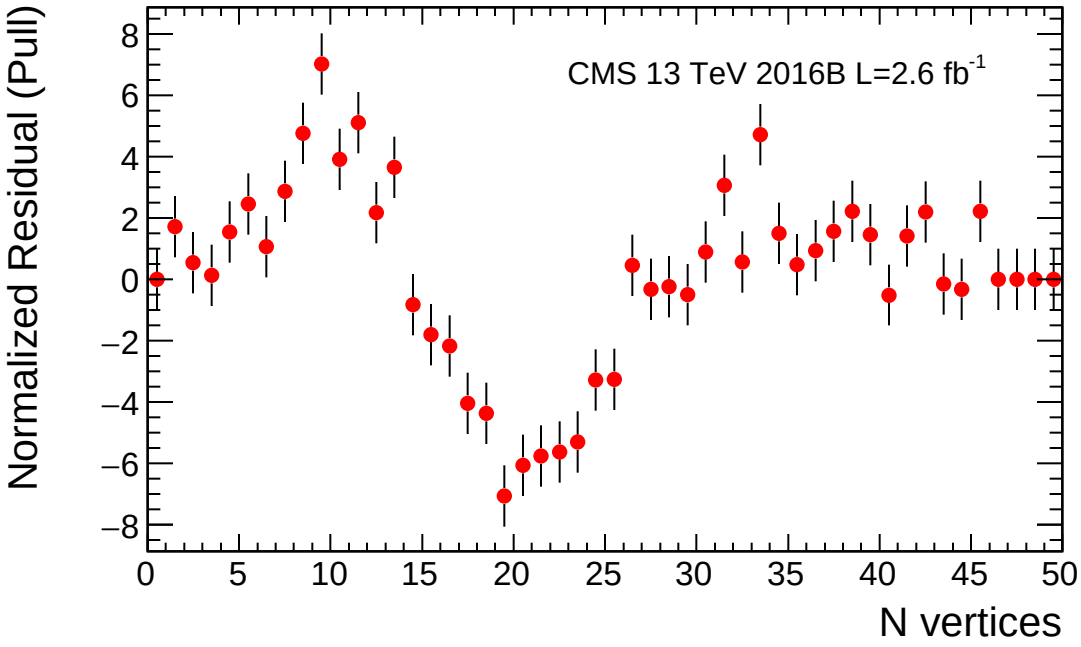

**Pull: MB xsec= 70300 ub , Chi2/Ndf= 20.43, P-value= 6.049E-160**



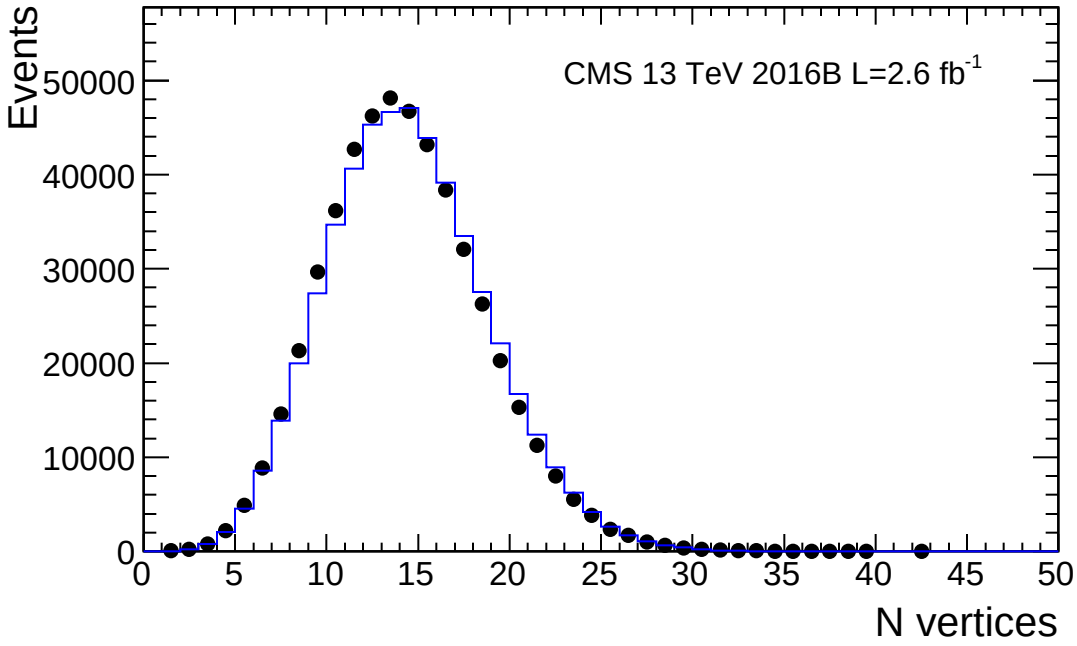
**nVert: MB xsec= 70400 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**



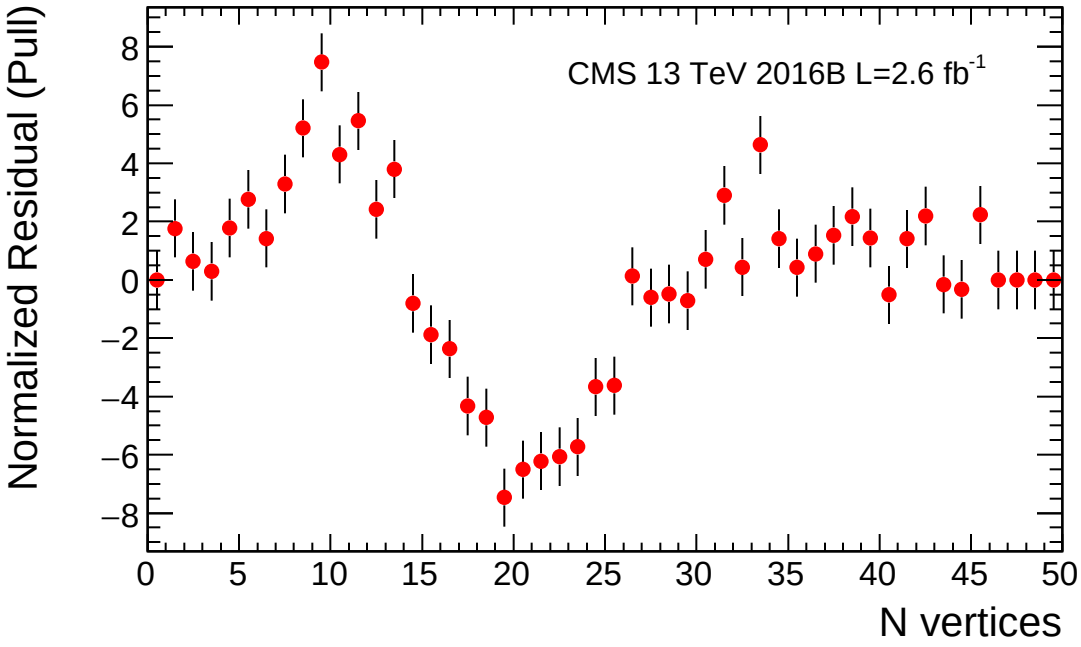

**Pull: MB xsec= 70400 ub , Chi2/Ndf= 21.30, P-value= 7.327E-168**



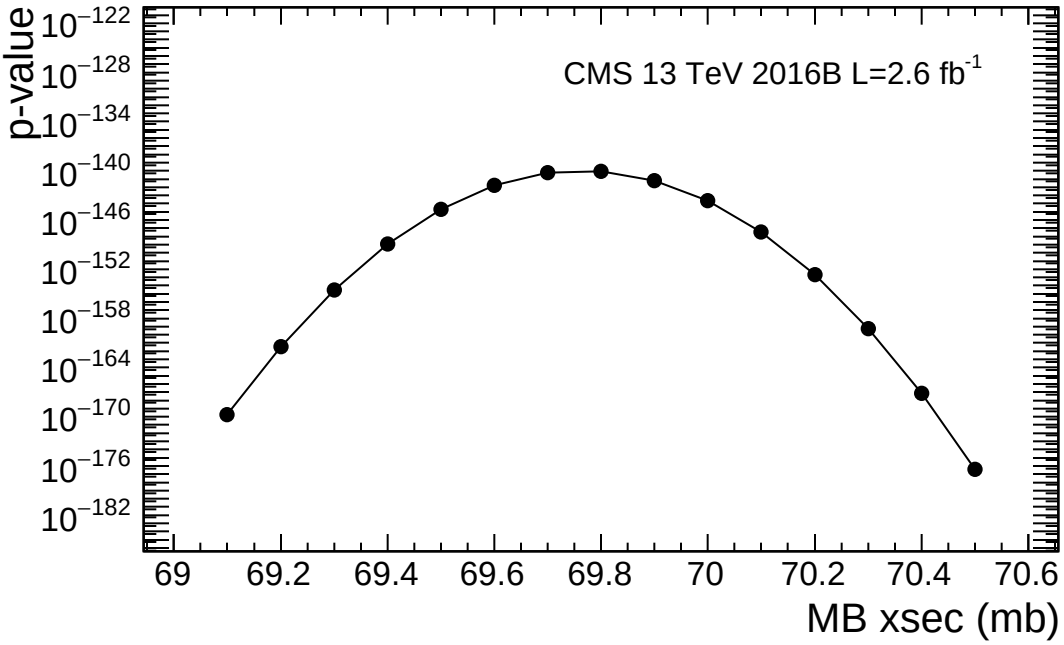
**nVert: MB xsec= 70500 ub CMS 13 TeV 2016B L=2.6 fb$^{-1}$**

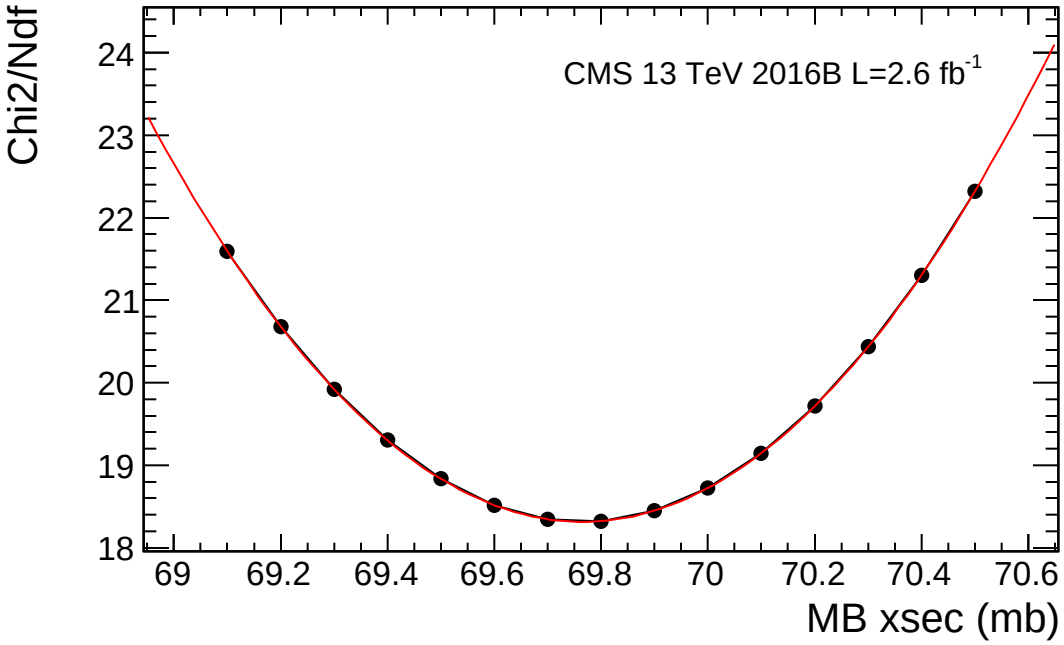



**Pull: MB xsec= 70500 ub , Chi2/Ndf= 22.32, P-value= 3.739E-177**



**Pileup Data/MC matching p-value vs. MB xsec**




**Pileup Data/MC matching Chi2/Ndf vs. MB xsec, min at 69.765 mb**