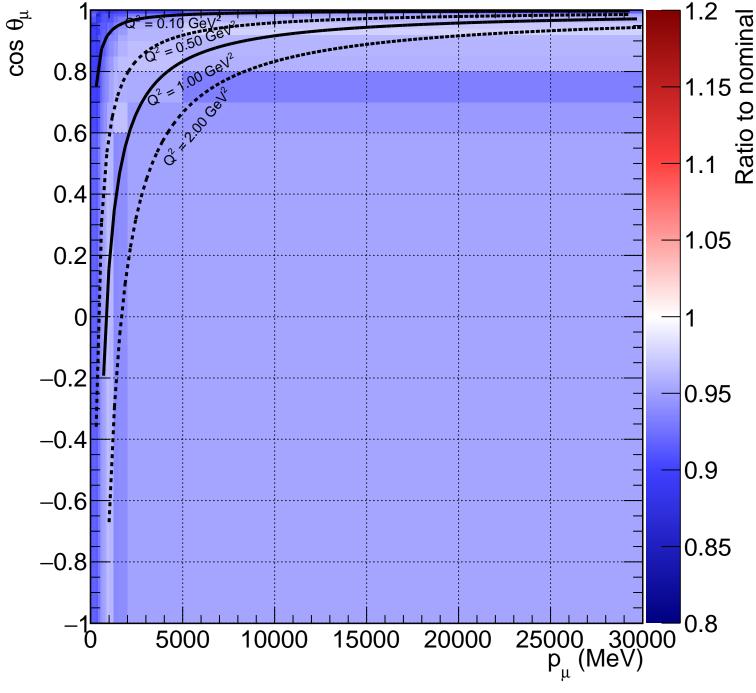
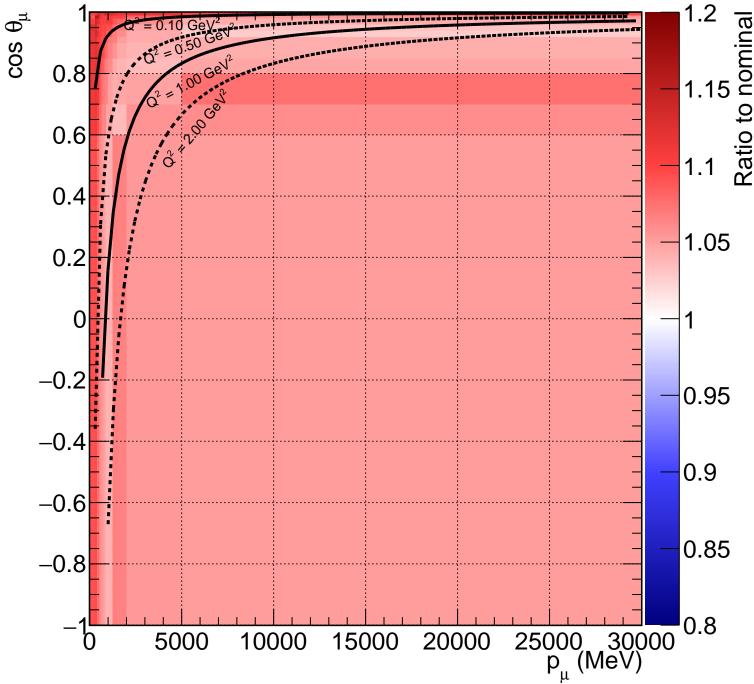
FGD1_numuCC_0pi_2p2h_norm_nu_0 1.1 Ratio to nominal $\cos \theta_{\mu}$ 8.0 0.6 0.4 1.05 0.2 0.95 -0.40.9 -0.60.85 -0.825000 30000 ρ_μ (MeV) 5000 15000 20000 10000

FGD1_numuCC_0pi_2p2h_norm_nu_2 1.1 Ratio to nominal $\cos \theta_{\mu}$ 8.0 0.6 0.4 1.05 0.2 0.95 -0.40.9 -0.60.85 -0.8 $25000 30000 \ p_{\mu} \, (MeV)$ 5000 15000 20000 10000

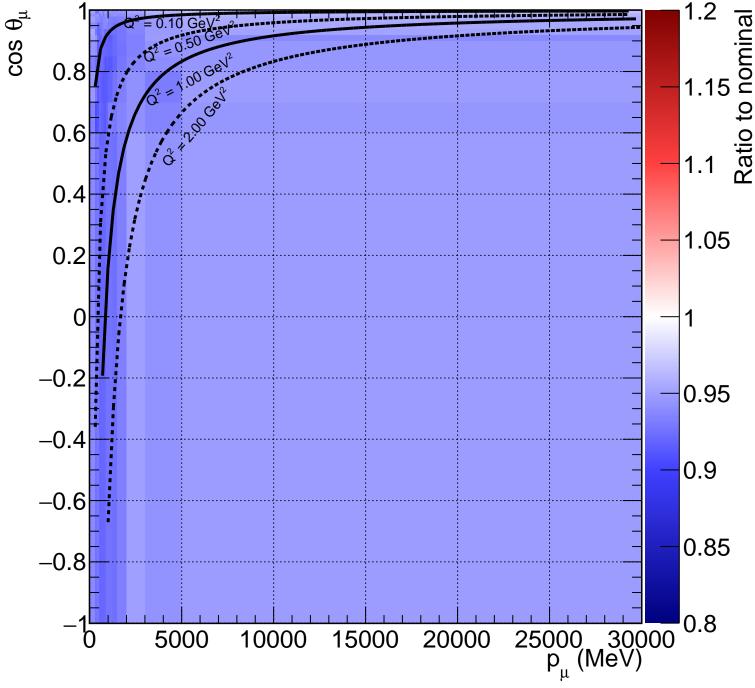
FGD1_numuCC_1pi_CA5_0.80198



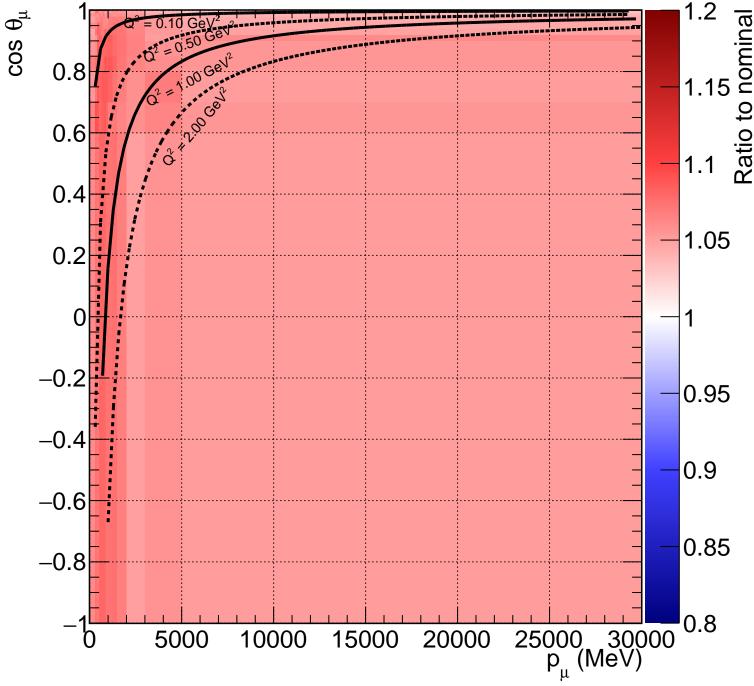
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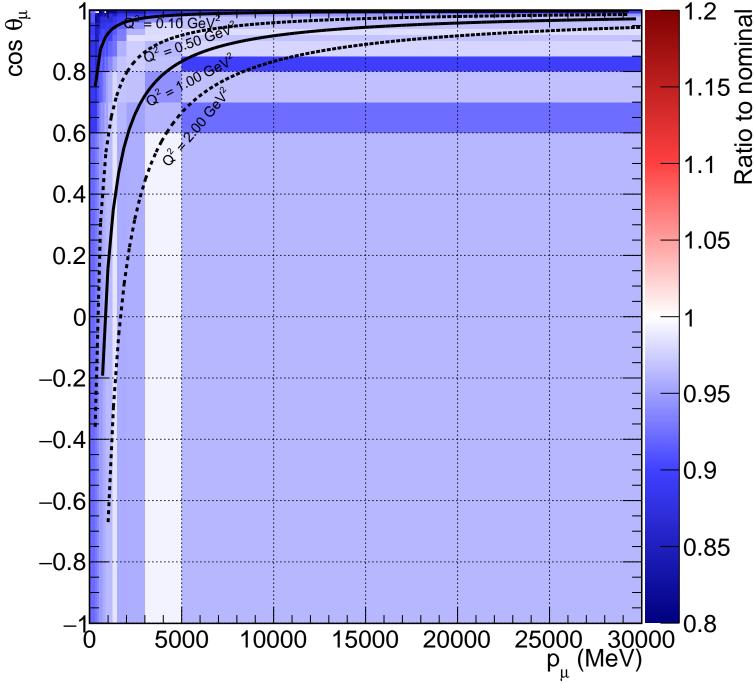
FGD1_numuCC_other_CC_DIS_-0.4



FGD1_numuCC_other_CC_DIS_0.4

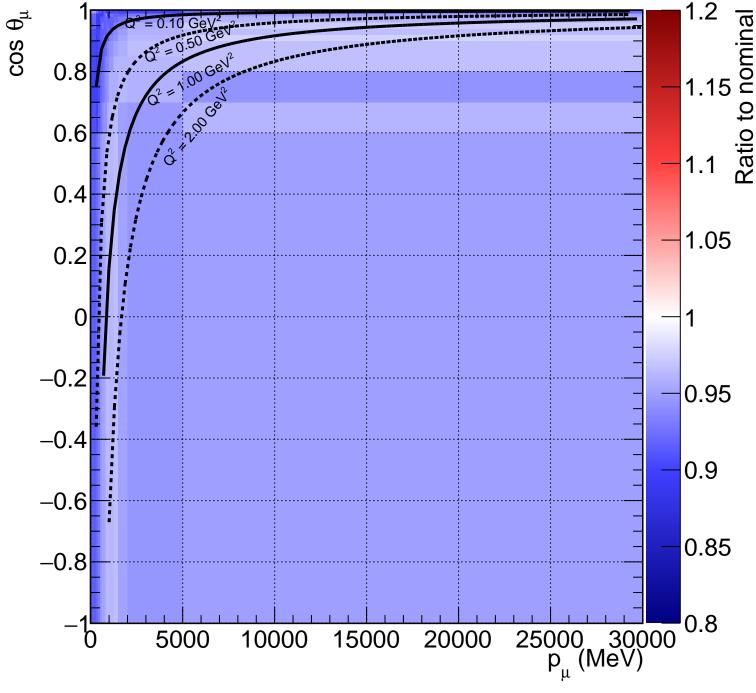


FGD2_numuCC_0pi_2p2h_norm_nu_0

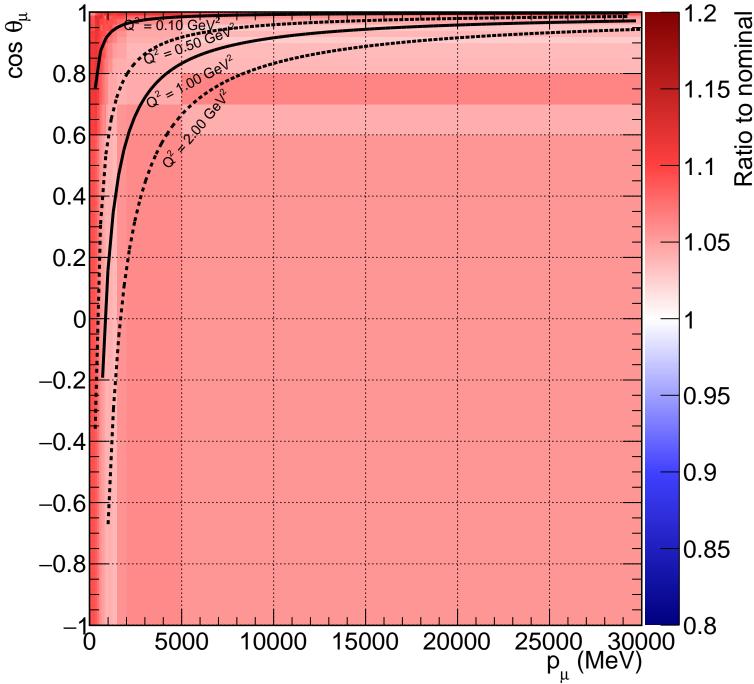


FGD2_numuCC_0pi_2p2h_norm_nu_2 1.1 1.2 2.1 Ratio to nominal $\cos \theta_{\mu}$ 8.0 0.6 0.4 1.05 0.2 0.95 -0.40.9 -0.60.85 -0.8 $25000 30000 \ p_{\mu} \, (MeV)$ 5000 15000 20000 10000

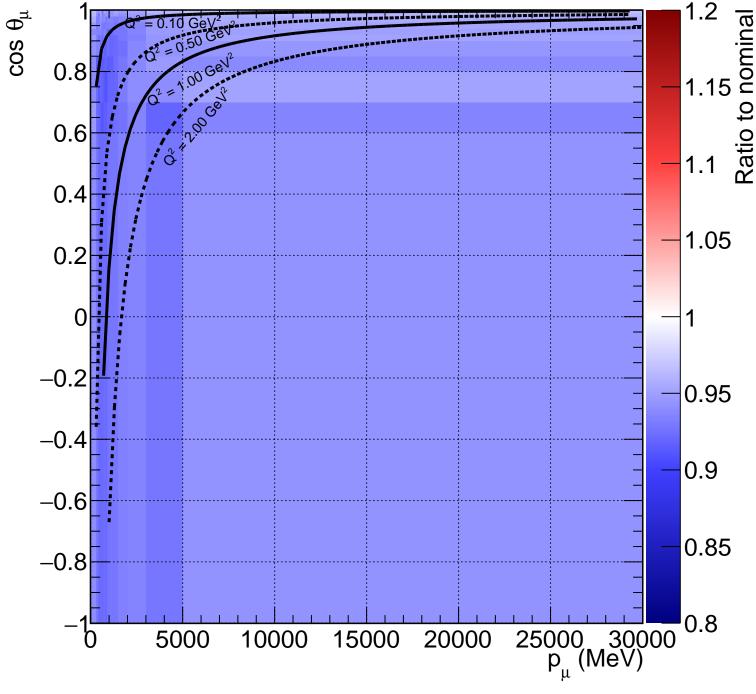
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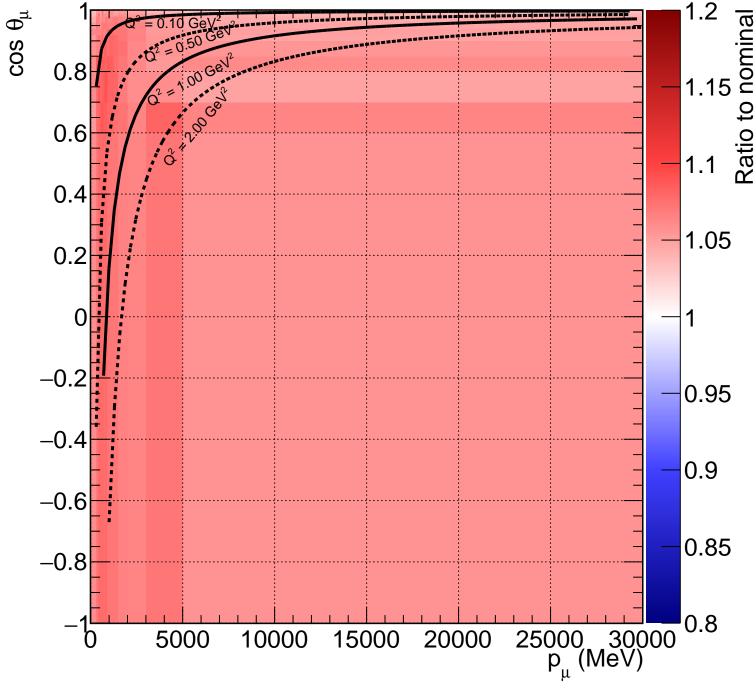
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FGD2_numuCC_other_CC_DIS_-0.4



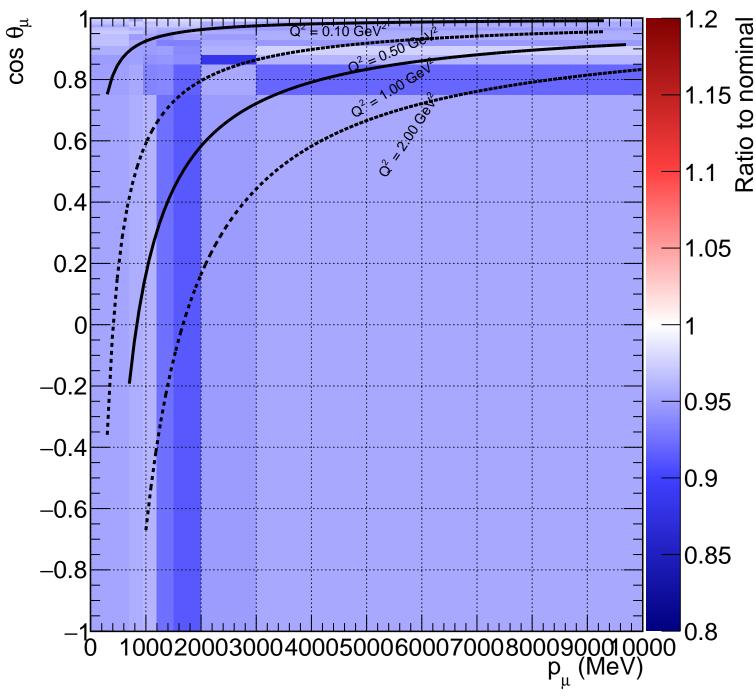
FGD2_numuCC_other_CC_DIS_0.4



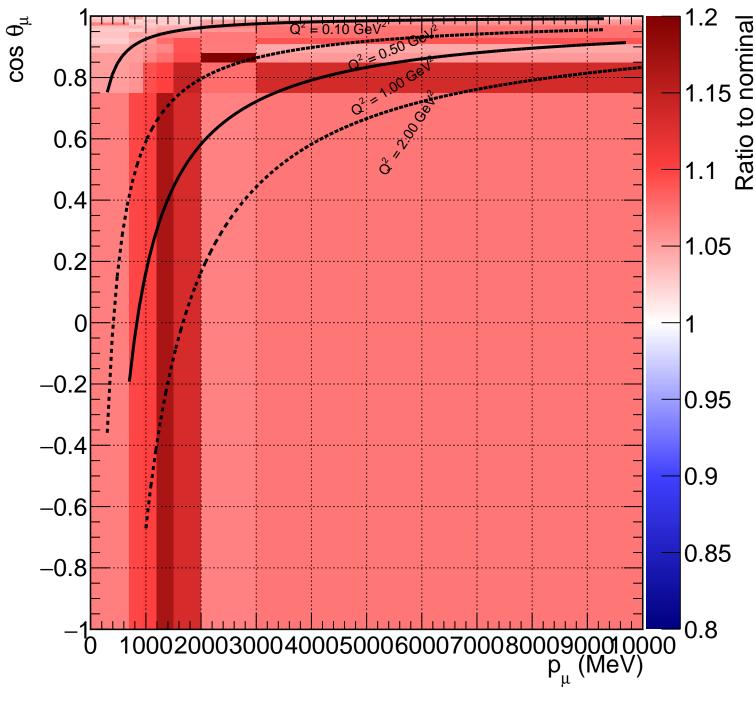
FGD1_anti-numuCC_QE_2p2h_norm_nubar_0 1.1 1.2 2.1 Ratio to nominal $\cos \theta_{\mu}$ 8.0 0.6 0.4 1.05 0.2 -0.20.95 -0.40.9 -0.60.85 -0.810002000300040005000600070008000900010000 p_µ (MeV)

FGD1_anti-numuCC_QE_2p2h_norm_nubar_2 1.1 Ratio to nominal $\cos \theta_{\mu}$ 8.0 0.6 0.4 1.05 0.2 -0.20.95 -0.40.9 -0.60.85 -0.810002000300040005000600070008000900010000 p_μ (MeV)

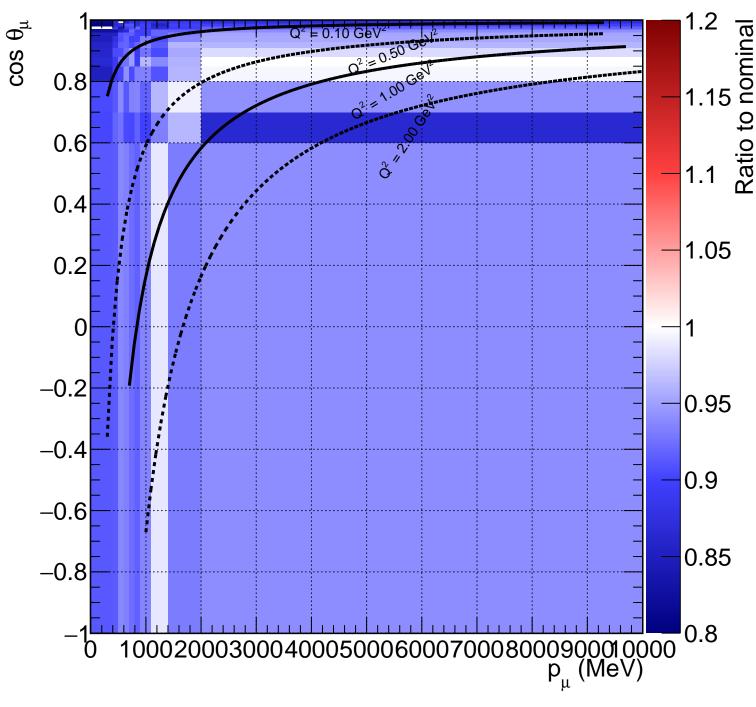
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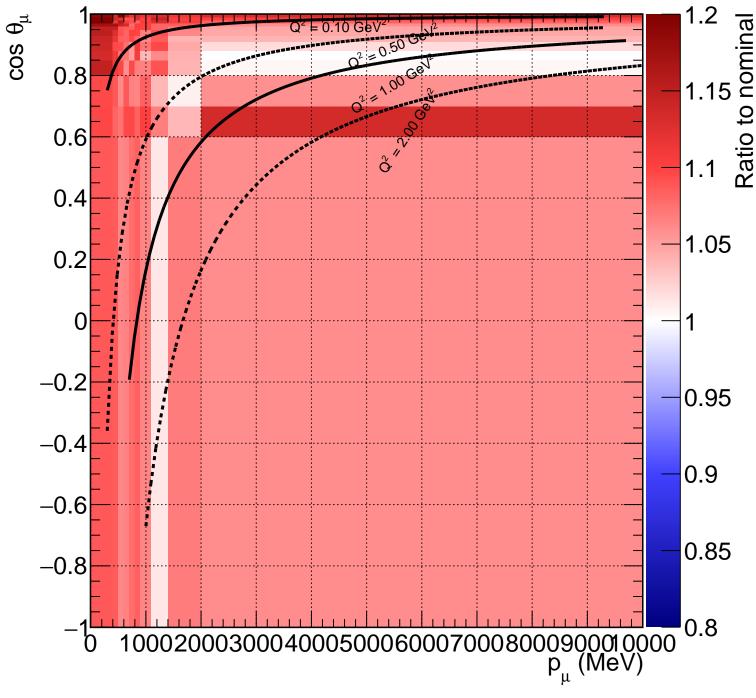
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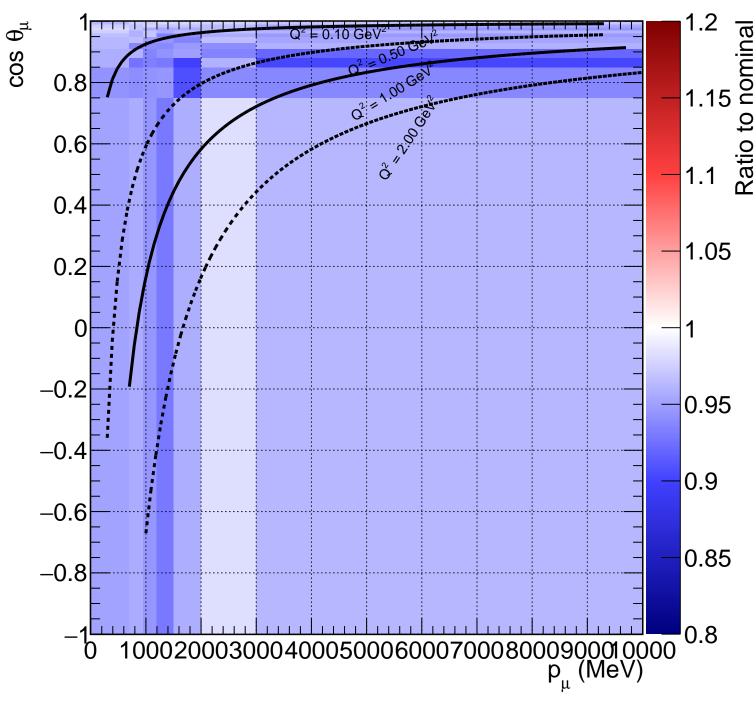
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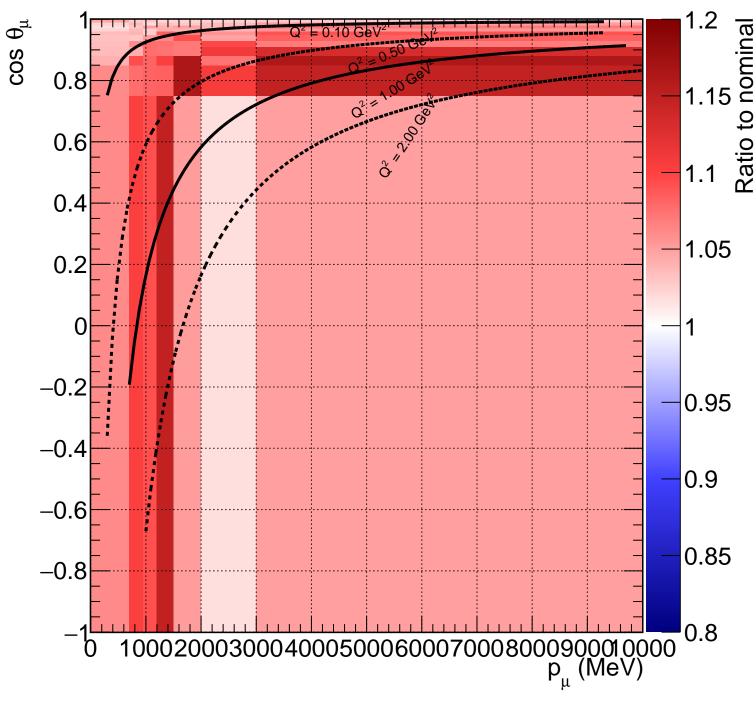
FGD2_anti-numuCC_1_track_2p2h_norm_nubar_2



FGD2_anti-numuCC_N_tracks_MARES_0.968421



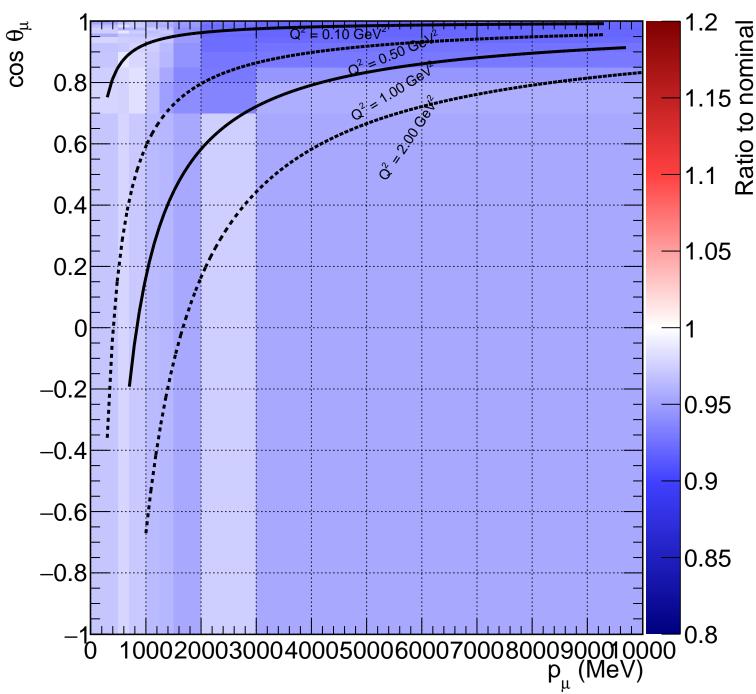
FGD2_anti-numuCC_N_tracks_MARES_1.28421



FGD1_NuMuBkg_CCQE_in_AntiNu_Mode__2p2h_norm_nu_0 1.1 Ratio to nominal $\cos \theta_{\mu}$ 8.0 0.6 0.4 1.05 0.2 -0.20.95 -0.40.9 -0.60.85 -0.810002000300040005000600070008000900010000 ρ_μ (MeV)

FGD1_NuMuBkg_CCQE_in_AntiNu_Mode__2p2h_norm_nu_2 1.1 Ratio to nominal $\cos \theta_{\mu}$ 8.0 0.6 0.4 1.05 0.2 -0.20.95 -0.40.9 -0.60.85 -0.810002000300040005000600070008000900010000 ρ_μ (MeV)

FGD1_NuMuBkg_CCnQE_in_AntiNu_Mode_b_29_0.917347

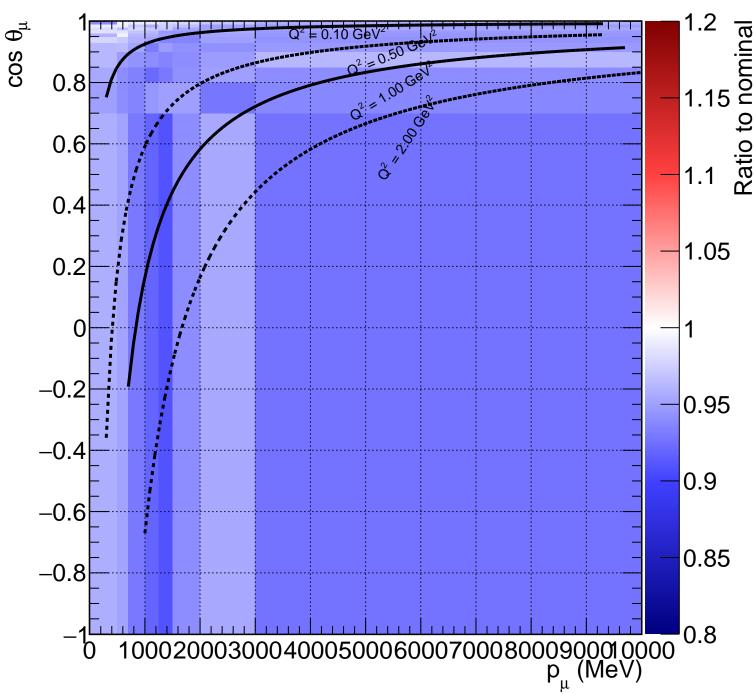


FGD1_NuMuBkg_CCnQE_in_AntiNu_Mode_b_29_1.08265 1.1 Ratio to nominal $\cos \theta_{\mu}$ 8.0 0.6 0.4 1.05 0.2 -0.20.95 -0.40.9 -0.60.85 -0.810002000300040005000600070008000900010000 p_μ (MeV)

FGD2_NuMuBkg_CCQE_in_AntiNu_Mode__2p2h_norm_nu_0 1.1 Ratio to nominal $\cos \theta_{\mu}$ 8.0 0.6 0.4 1.05 0.2 -0.20.95 -0.40.9 -0.60.85 -0.8 $10002000300040005000600070008000900010000 \\ p_{_{\mu}} \, (MeV)$

FGD2_NuMuBkg_CCQE_in_AntiNu_Mode__2p2h_norm_nu_2 1.1 Ratio to nominal $\cos \theta_{\mu}$ 8.0 0.6 0.4 1.05 0.2 -0.20.95 -0.40.9 -0.60.85 -0.810002000300040005000600070008000900010000 p_μ (MeV)

FGD2_NuMuBkg_CCnQE_in_AntiNu_Mode_MARES_0.968421



FGD2_NuMuBkg_CCnQE_in_AntiNu_Mode_MARES_1.28421

