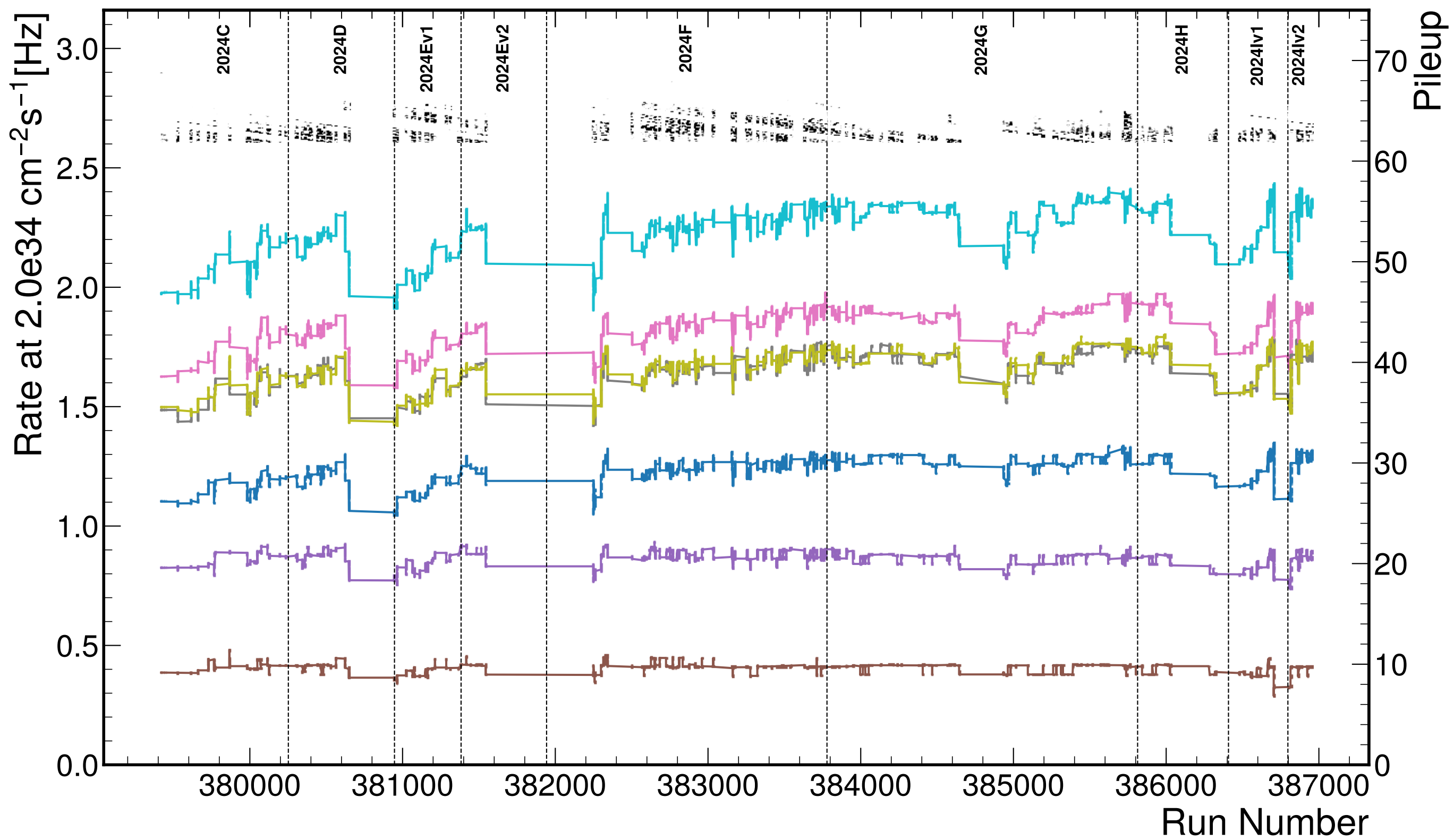


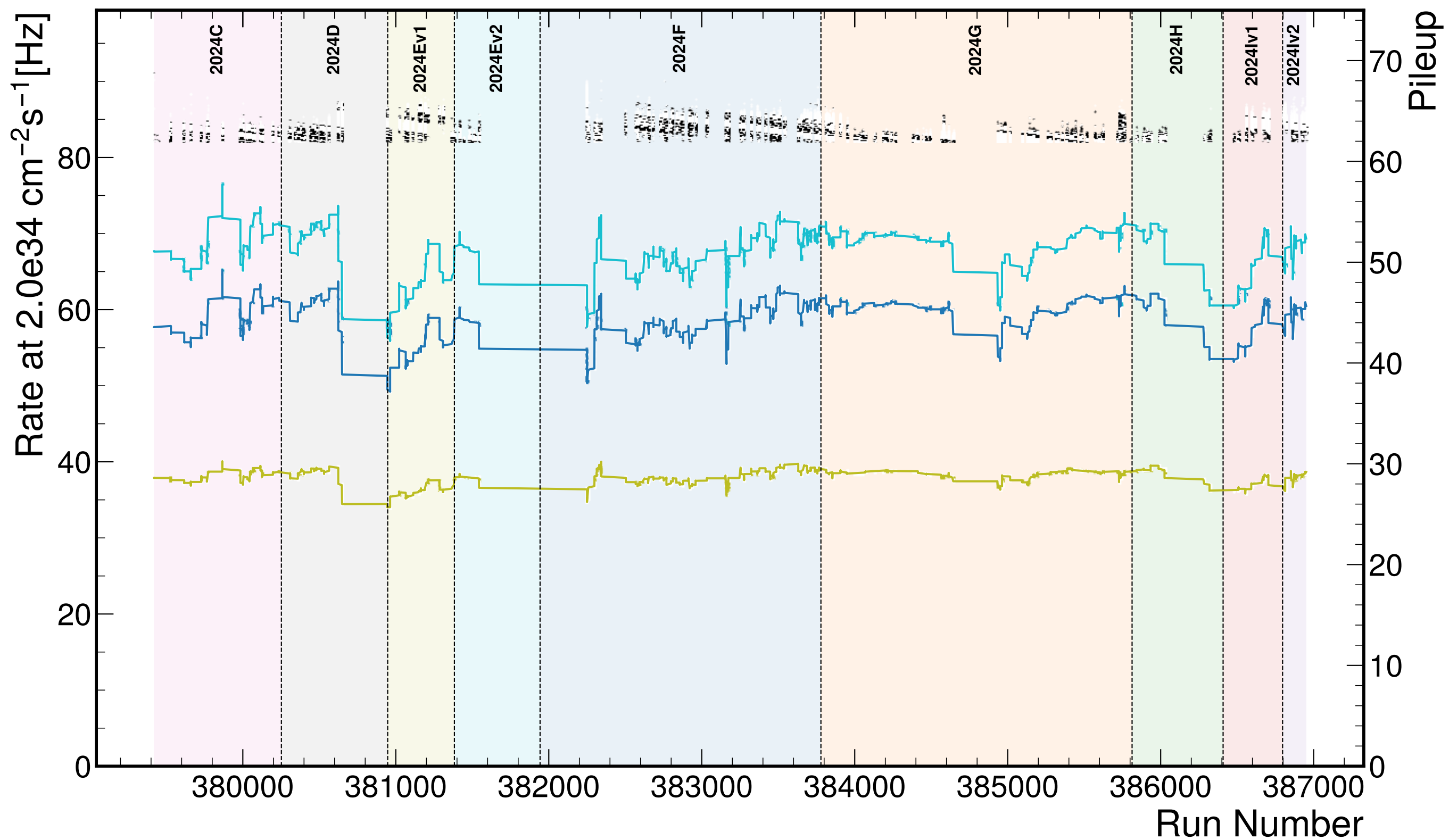
Photon #1 Trigger Paths

- HLT_Photon200
- HLT_Photon300_NoHE



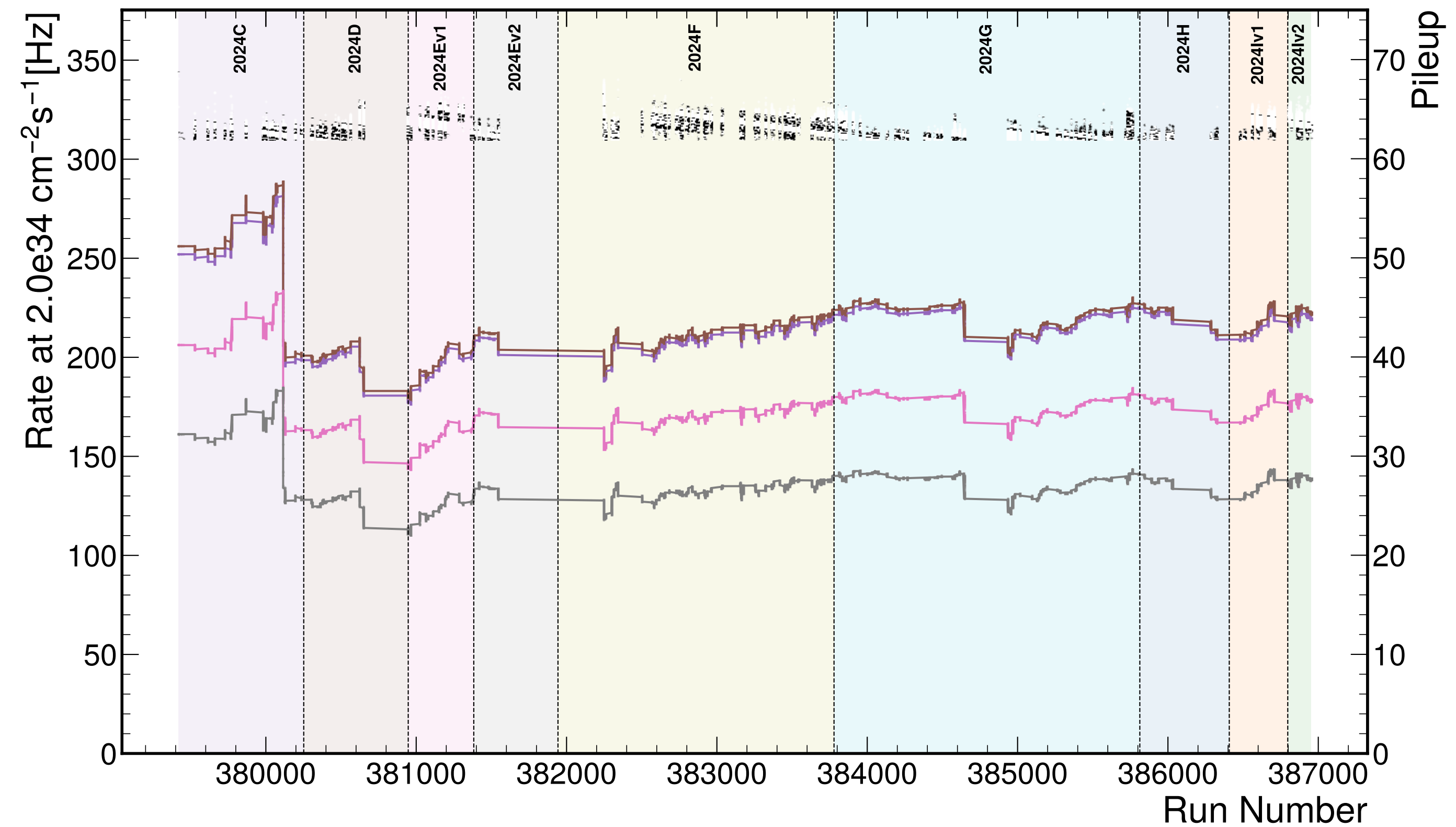
Photon #2 Trigger Paths

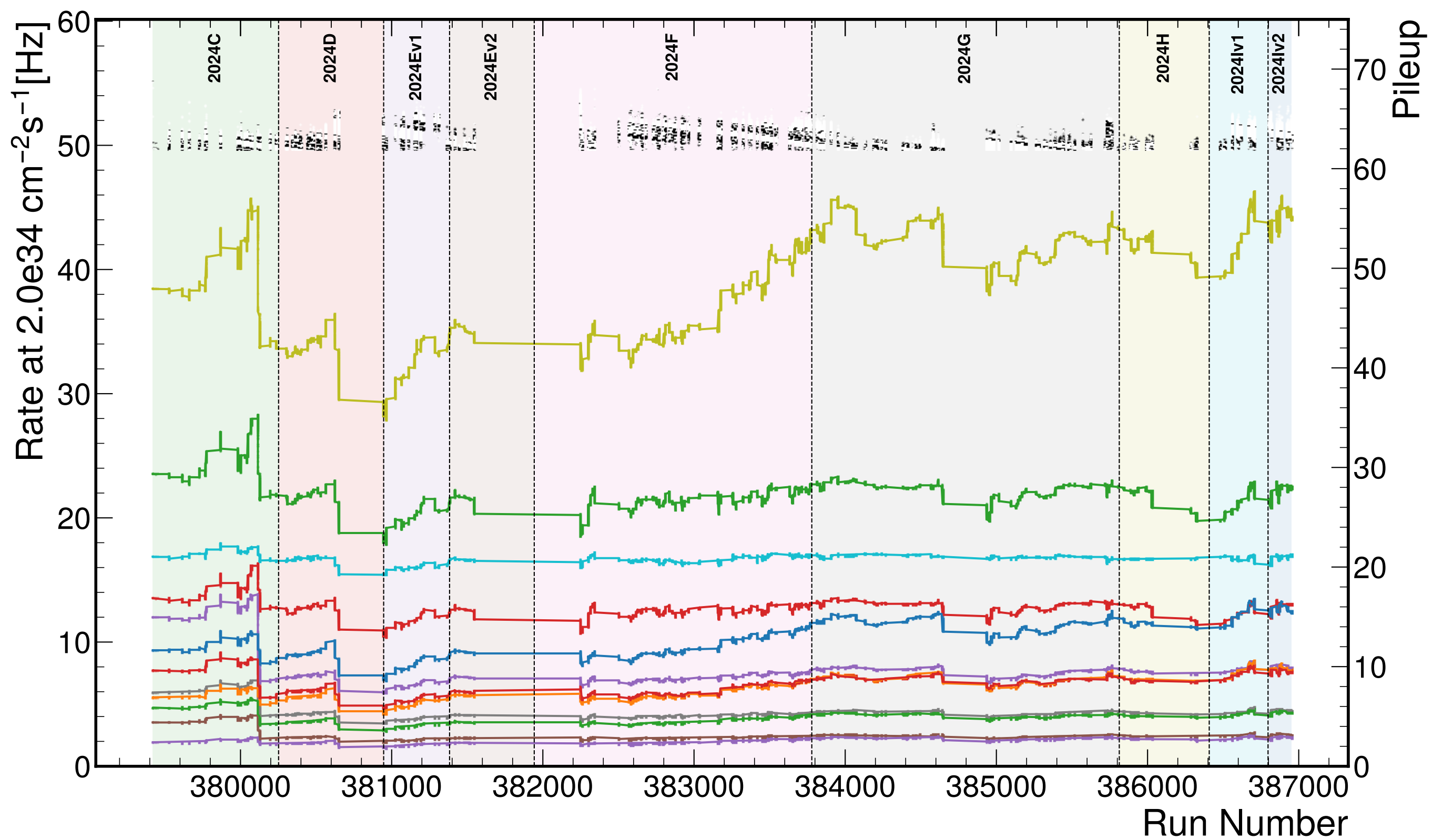
- HLT_Photon120_R9Id90_HE10_IsoM
- HLT_Photon50_R9Id90_HE10_IsoM
- HLT_Photon90_R9Id90_HE10_IsoM
- HLT_Photon75_R9Id90_HE10_IsoM
- HLT_Photon165_R9Id90_HE10_IsoM
- HLT_Photon120
- HLT_Photon175



DiPhoton Trigger Paths

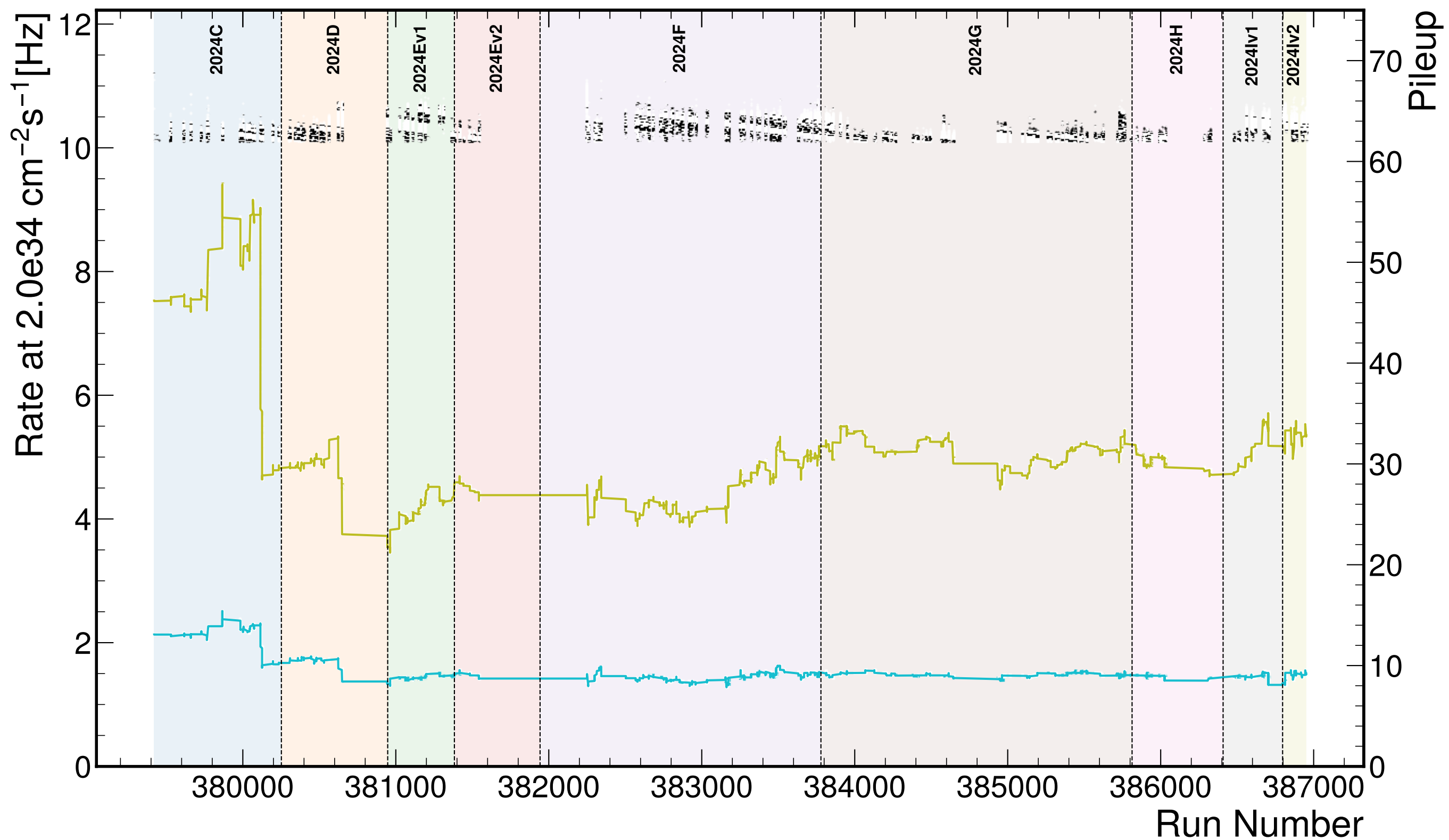
- HLT_Diphoton30_22_R9Id_OR_IsoCalold_AND_HE_R9Id_Mass90
- HLT_Diphoton30_22_R9Id_OR_IsoCalold_AND_HE_R9Id_Mass95
- HLT_Diphoton30_18_R9IdL_AND_HE_AND_IsoCalold





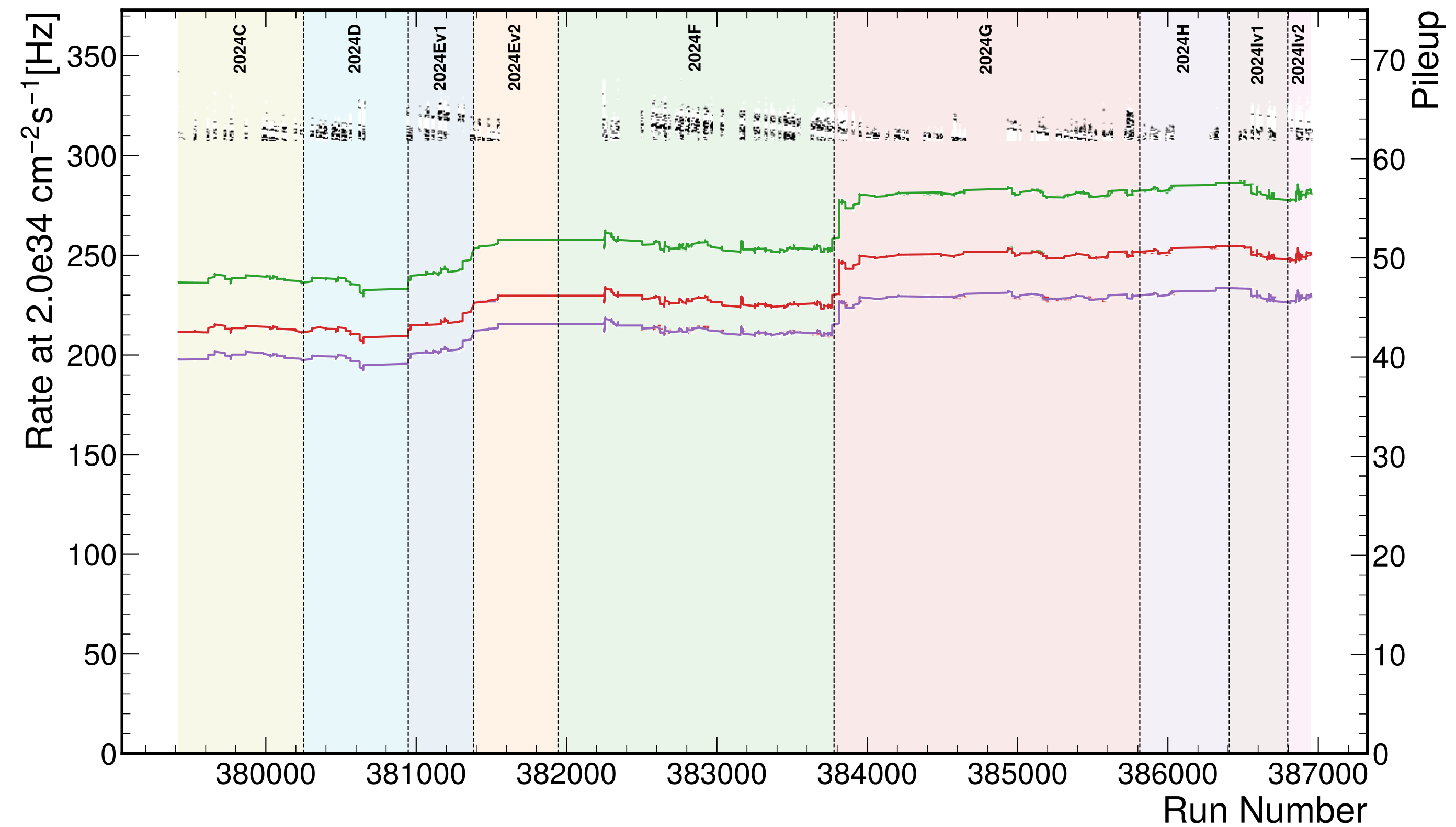
Electron Trigger Paths

- HLT_Ele23_Ele12_CaloldL_TrackIdL_IsoVL
- HLT_Ele115_CaloldVT_GsfTrkIdT
- HLT_Ele23_Ele12_CaloldL_TrackIdL_IsoVL_DZ
- HLT_Ele135_CaloldVT_GsfTrkIdT
- HLT_Ele15_IsoVVVL_PFHT450
- HLT_Ele12_CaloldL_TrackIdL_IsoVL_PFJet30
- HLT_Ele8_CaloldM_TrackIdM_PFJet30
- HLT_Ele8_CaloldL_TrackIdL_IsoVL_PFJet30
- HLT_Ele50_IsoVVVL_PFHT450
- HLT_Ele17_CaloldM_TrackIdM_PFJet30
- HLT_Ele15_IsoVVVL_PFHT600
- HLT_Ele23_CaloldL_TrackIdL_IsoVL_PFJet30
- HLT_Ele28_eta2p1_WPTight_Gsf_HT150



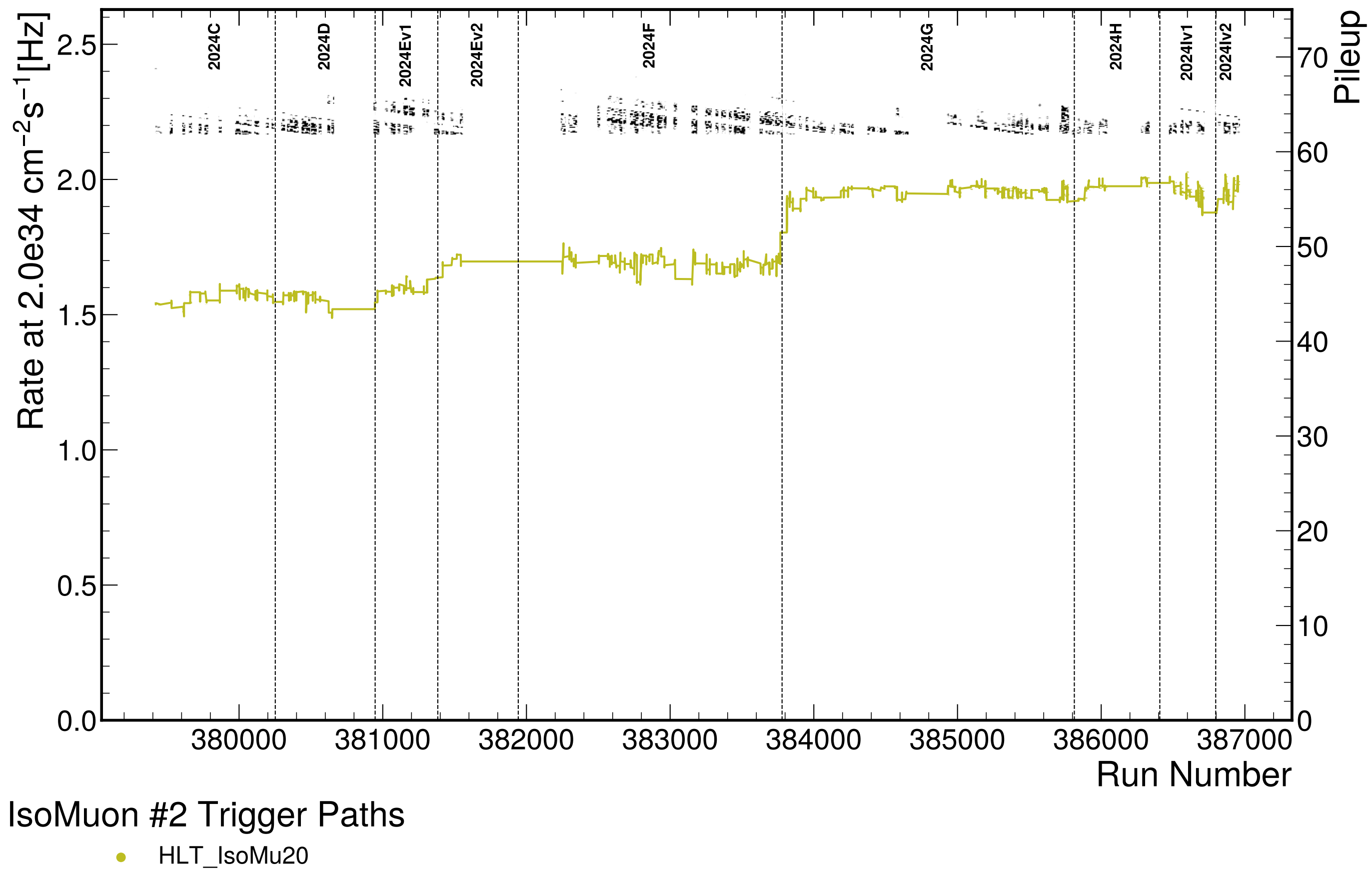
Double Electron Trigger Paths

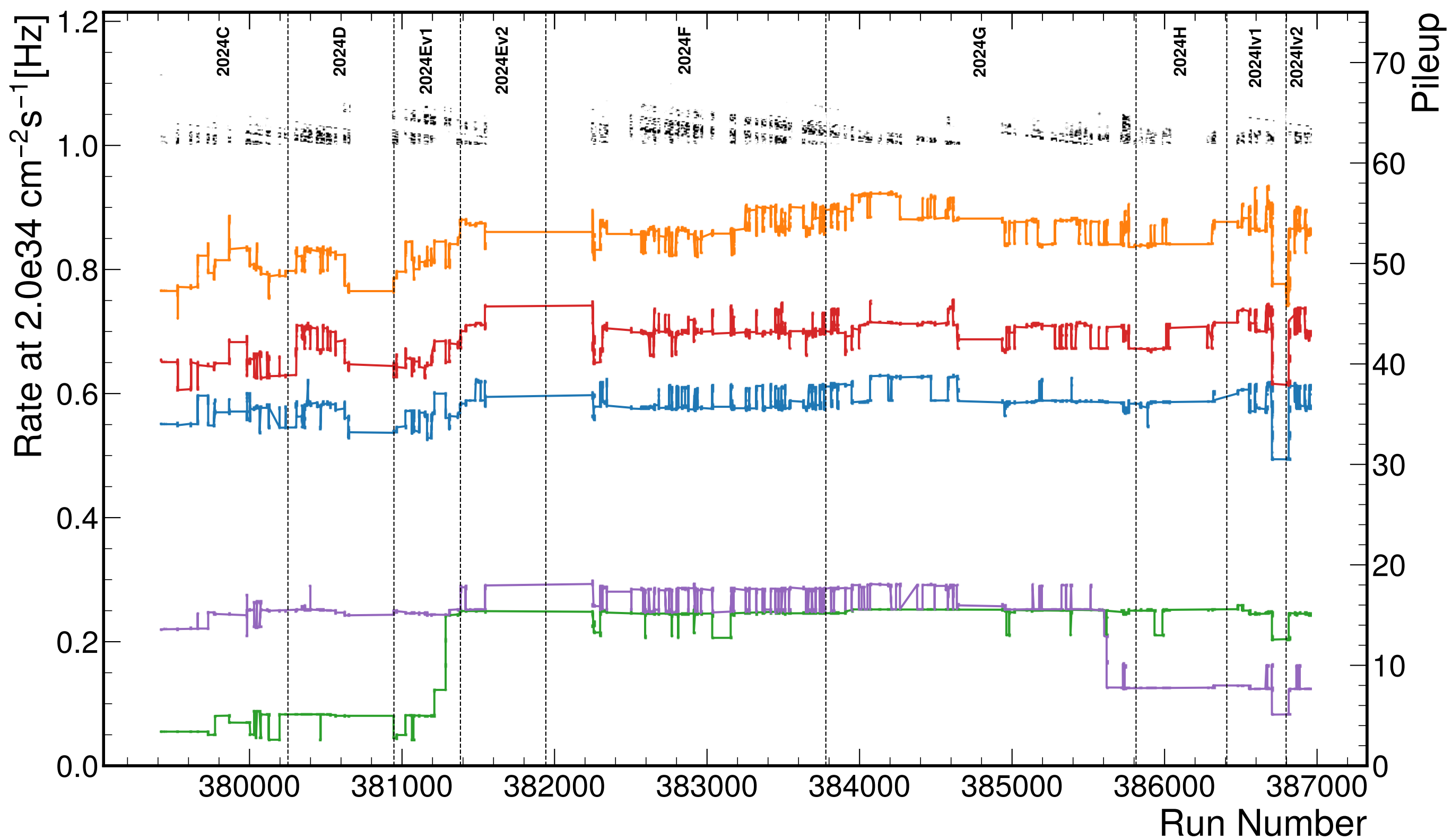
- HLT_DoubleEle8_CalIdM_TrackIdM_Mass8_PFHT350
- HLT_DoubleEle8_CalIdM_TrackIdM_Mass8_DZ_PFHT350



IsoMuon #1 Trigger Paths

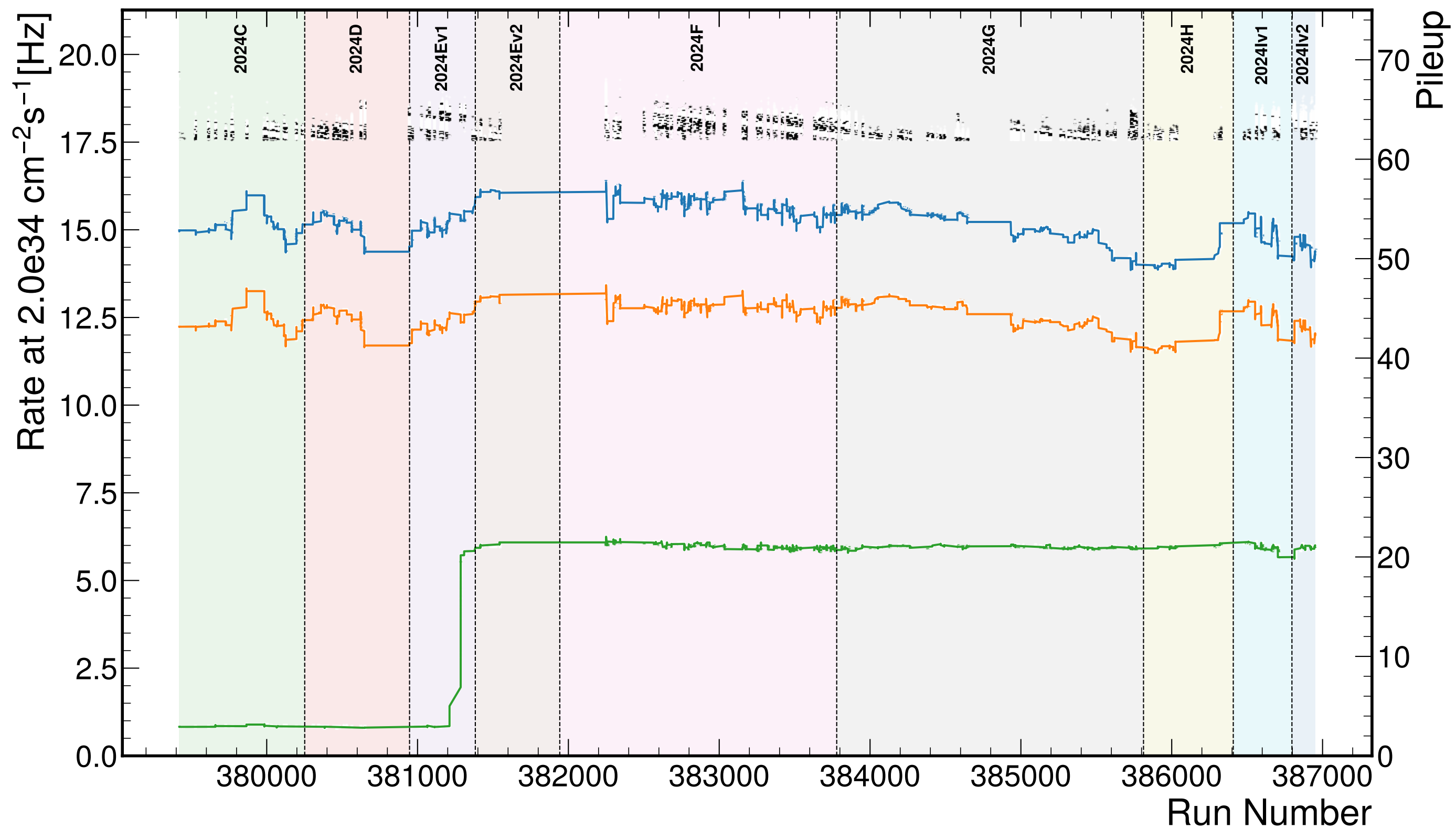
- HLT_IsoMu24
- HLT_IsoMu24_eta2p1
- HLT_IsoMu27





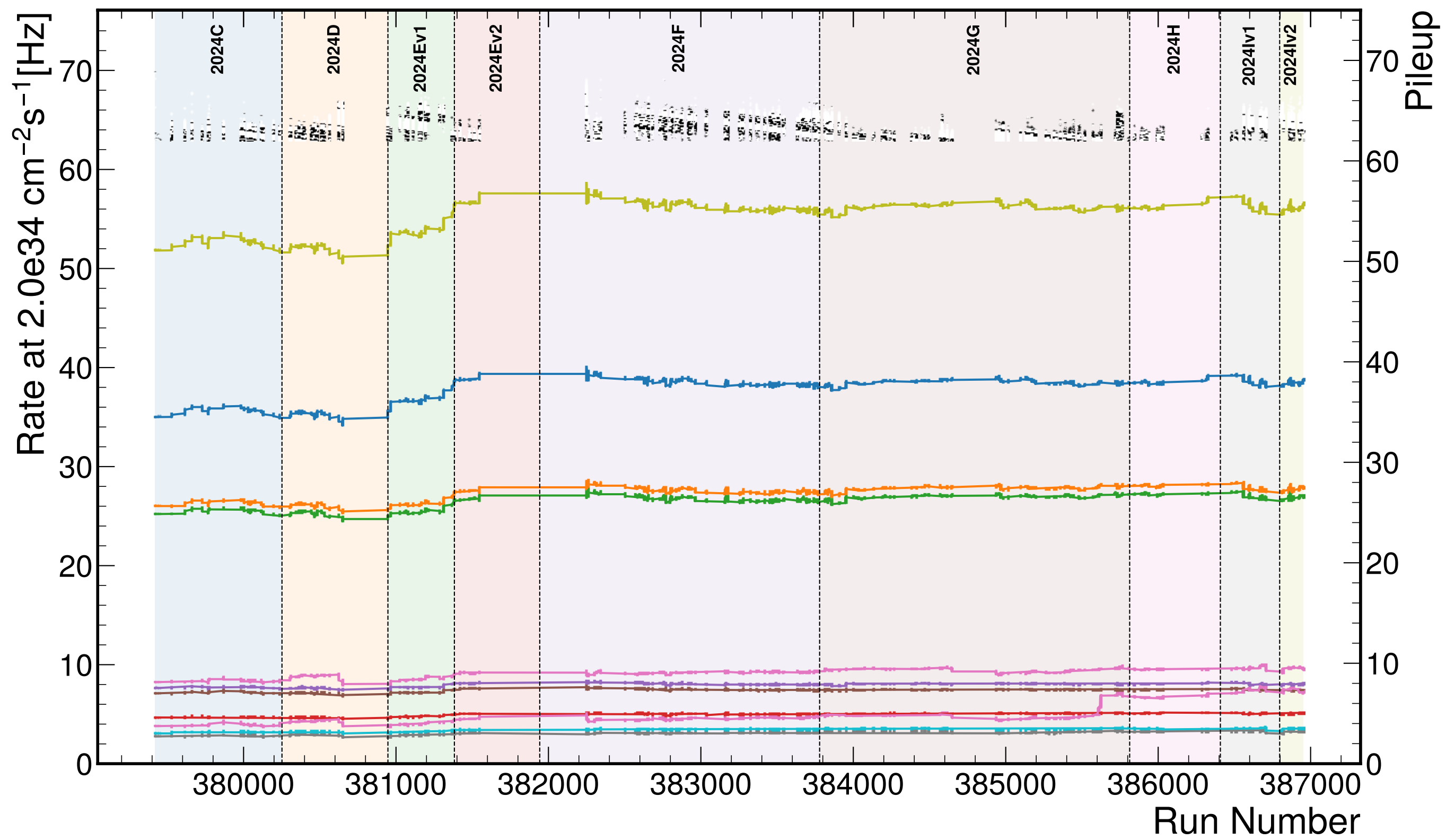
Muon #1 - SemiLeptonic Trigger Paths

- HLT_Mu12_DoublePFJets200_PNetBTag_0p11
- HLT_Mu12_DoublePFJets40_PNetBTag_0p11
- HLT_Mu12_DoublePFJets100_PNetBTag_0p11
- HLT_Mu12eta2p3_PJJet40
- HLT_Mu12_DoublePFJets350_PNetBTag_0p11



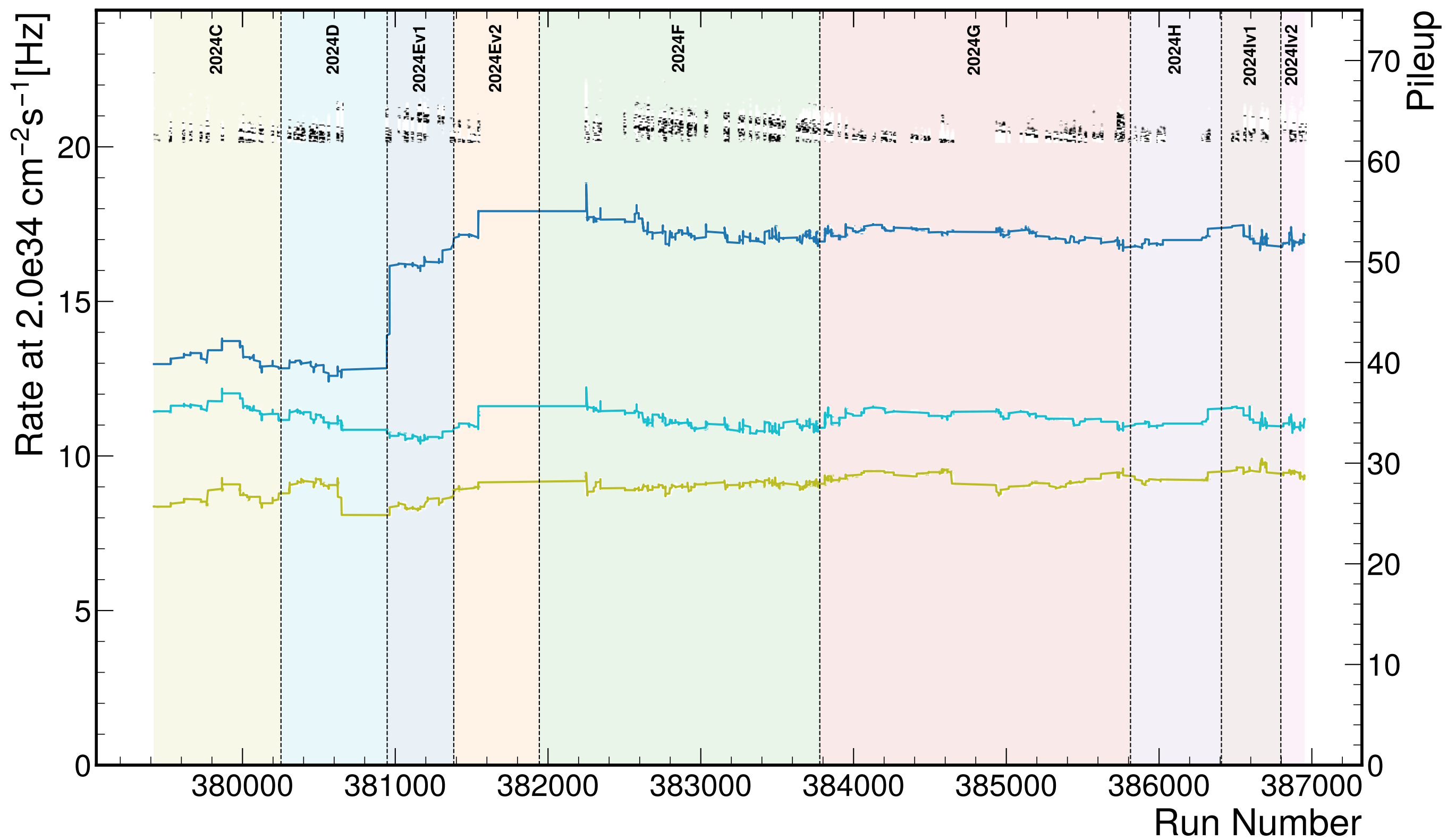
Muon #2 - SemiLeptonic Trigger Paths

- HLT_Mu12_DoublePFJets40MaxDeta1p6_PNet2BTag_0p11
- HLT_Mu12_DoublePFJets54MaxDeta1p6_PNet2BTag_0p11
- HLT_Mu12eta2p3



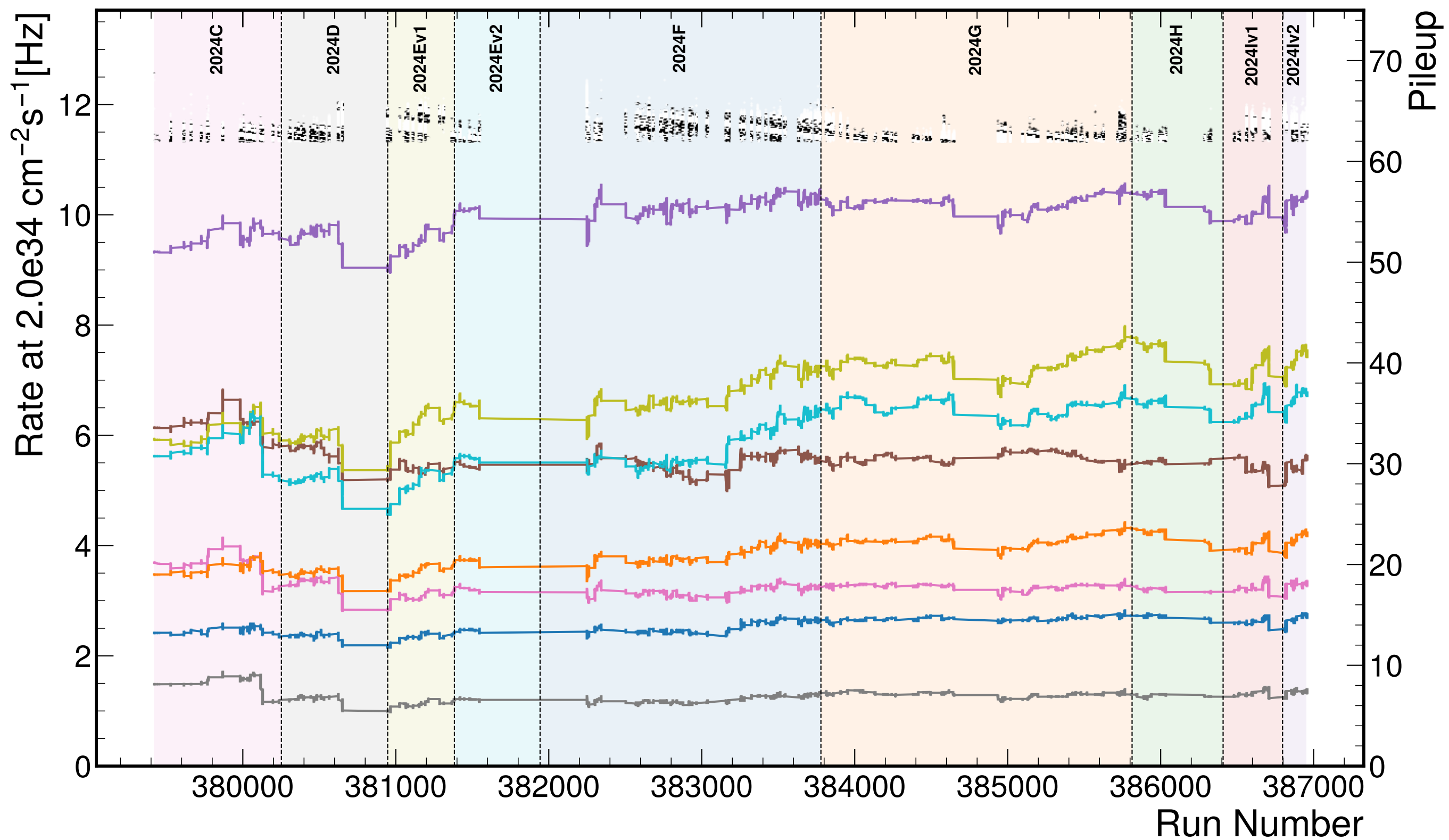
Muon #3 Trigger Paths

- HLT_Mu50
- HLT_Mu55
- HLT_Mu17_TrkIsoVVL_Mu8_TrkIsoVVL_DZ_Mass3p8
- HLT_Mu17_TrkIsoVVL_Mu8_TrkIsoVVL_DZ_Mass8
- HLT_Mu15_IsoVVVL_PFHT450
- HLT_Mu17
- HLT_Mu3_PFJet40
- HLT_Mu8
- HLT_Mu8_TrkIsoVVL
- HLT_Mu50_IsoVVVL_PFHT450
- HLT_Mu15_IsoVVVL_PFHT600



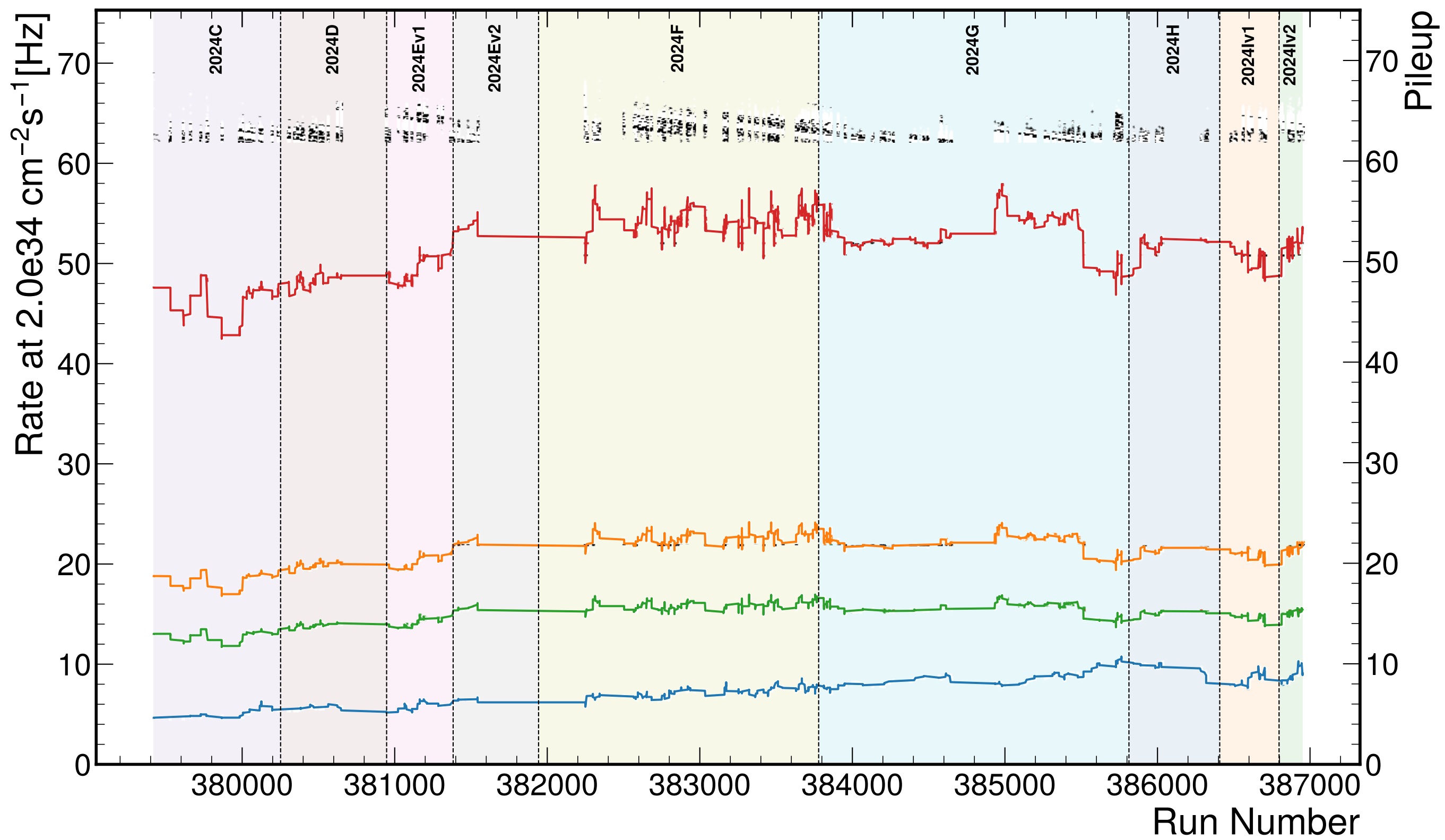
Double and Triple Muon Trigger Paths

- HLT_TripleMu_5_3_3_Mass3p8_DZ
- HLT_TripleMu_5_3_3_Mass3p8_DCA
- HLT_DoubleMu4_Mass3p8_DZ_PFHT350



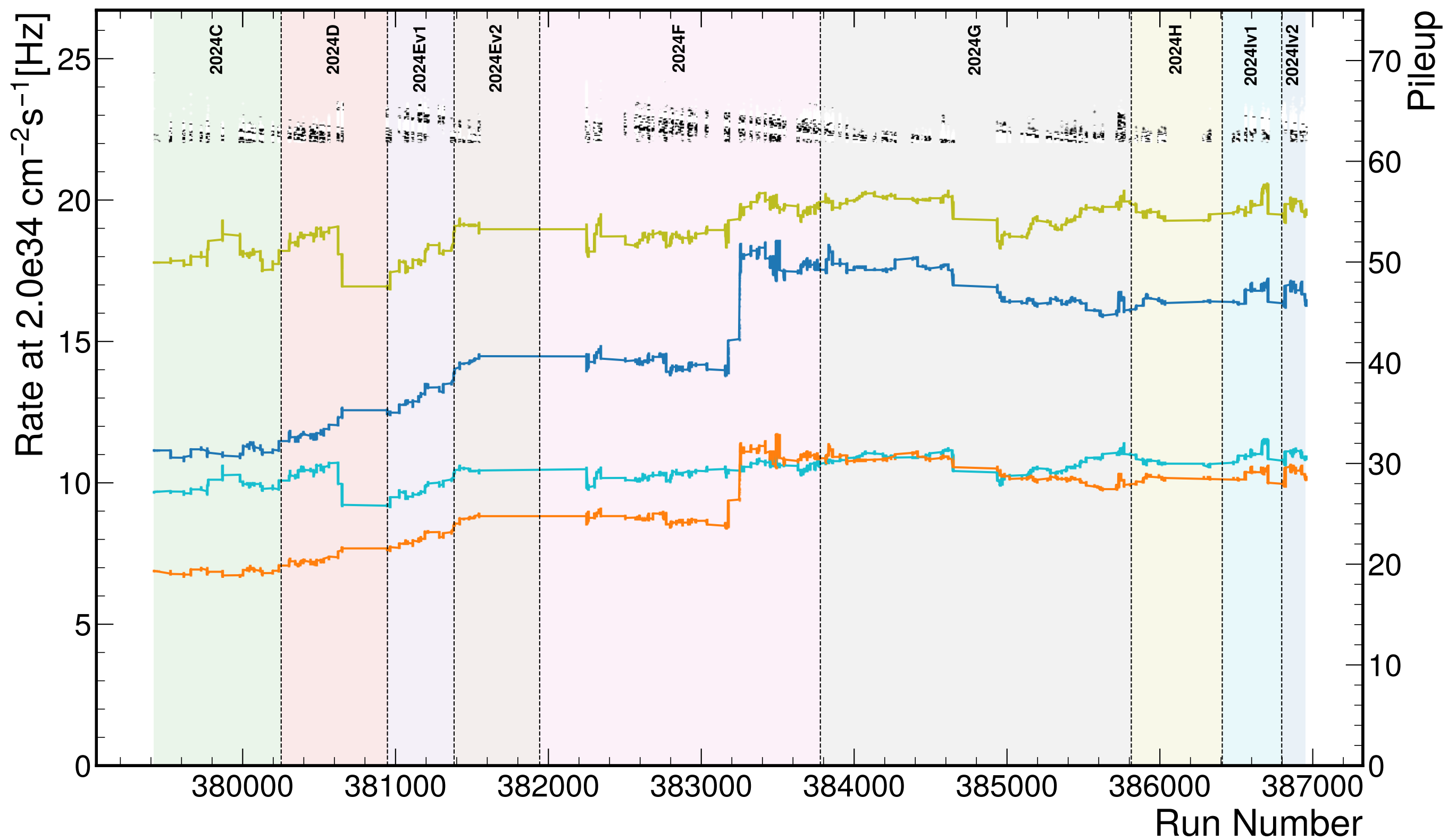
Muon/ey Trigger Paths

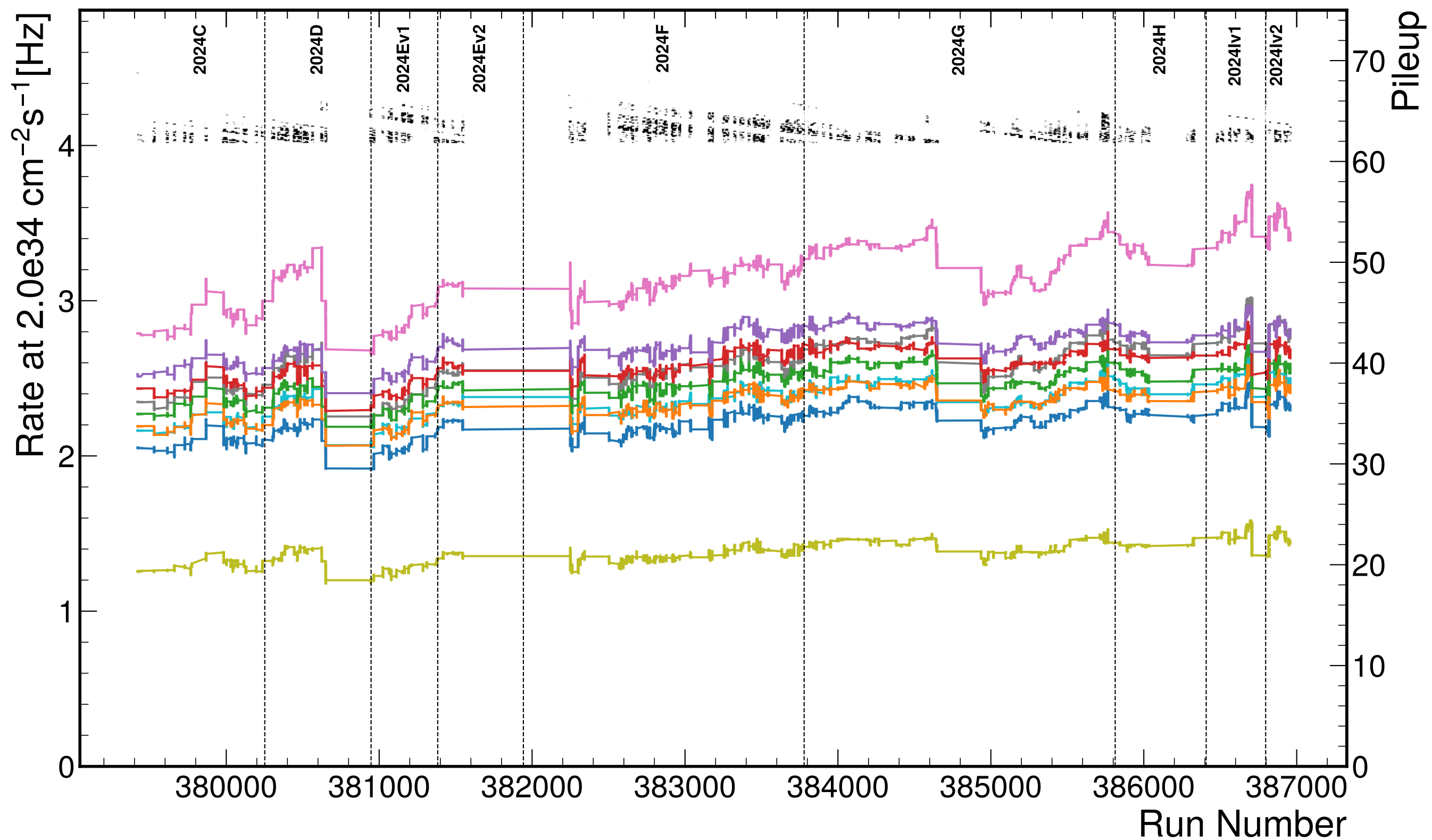
- HLT_Mu17_Photon30_IsoCalold
- HLT_Mu8_TrkIsoVVL_Ele23_CaloldL_TrackIdL_IsoVL_DZ
- HLT_Mu23_TrkIsoVVL_Ele12_CaloldL_TrackIdL_IsoVL
- HLT_DiMu4_Ele9_CaloldL_TrackIdL_DZ_Mass3p8
- HLT_Mu12_TrkIsoVVL_Ele23_CaloldL_TrackIdL_IsoVL_DZ
- HLT_Mu8_Ele8_CaloldM_TrackIdM_Mass8_PFHT350_DZ
- HLT_Mu23_TrkIsoVVL_Ele12_CaloldL_TrackIdL_IsoVL_DZ
- HLT_Mu8_Ele8_CaloldM_TrackIdM_Mass8_PFHT350



Tau Trigger Paths

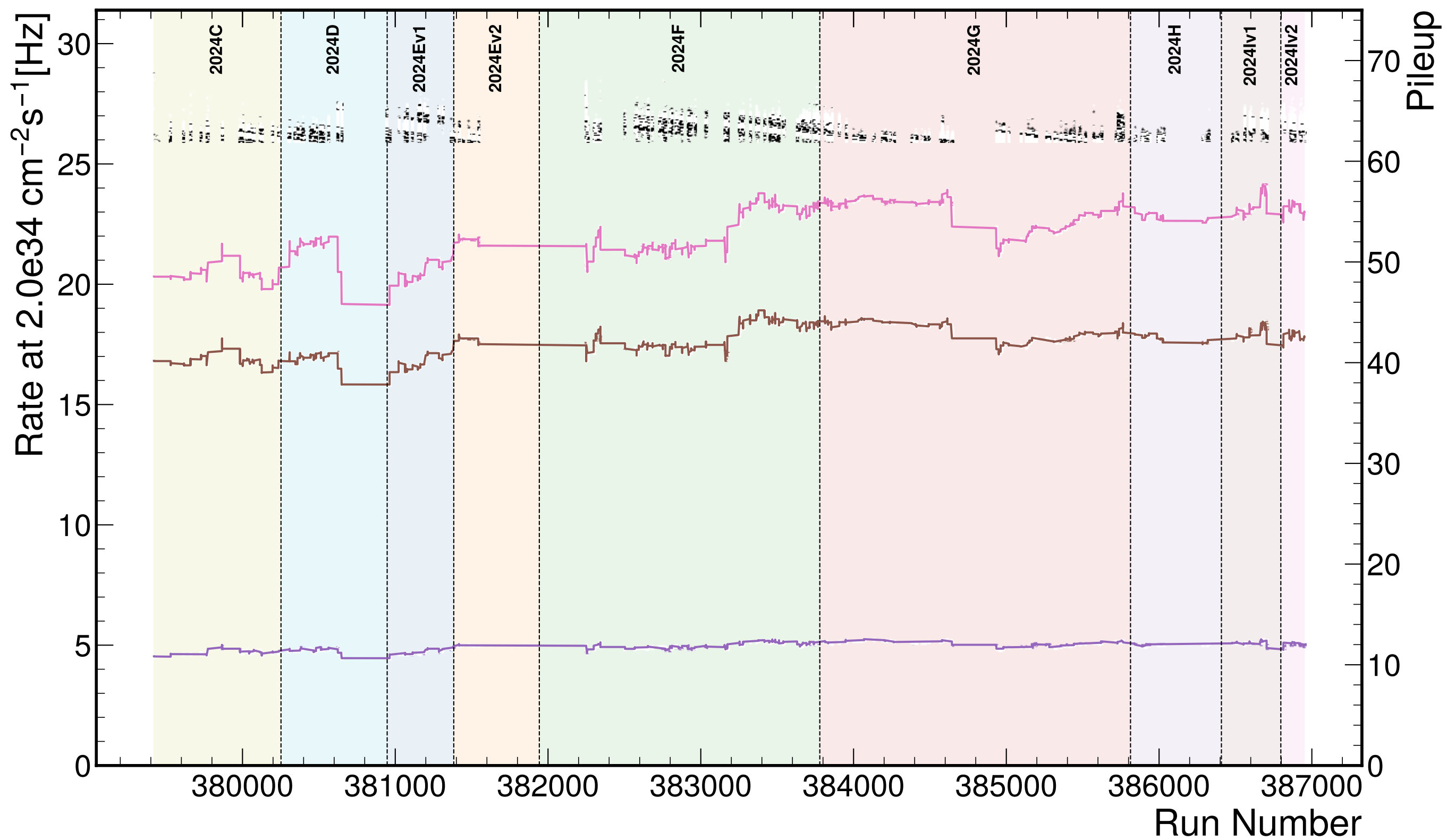
- HLT_DoubleMediumDeepTauPFTauHPS35_L2NN_eta2p1
- HLT_DoubleMediumDeepTauPFTauHPS30_L2NN_eta2p1_PFJet60
- HLT_DoubleMediumDeepTauPFTauHPS30_L2NN_eta2p1_PFJet75
- HLT_DoubleMediumChargedIsoDisplacedPFTauHPS32_Trk1_eta2p1

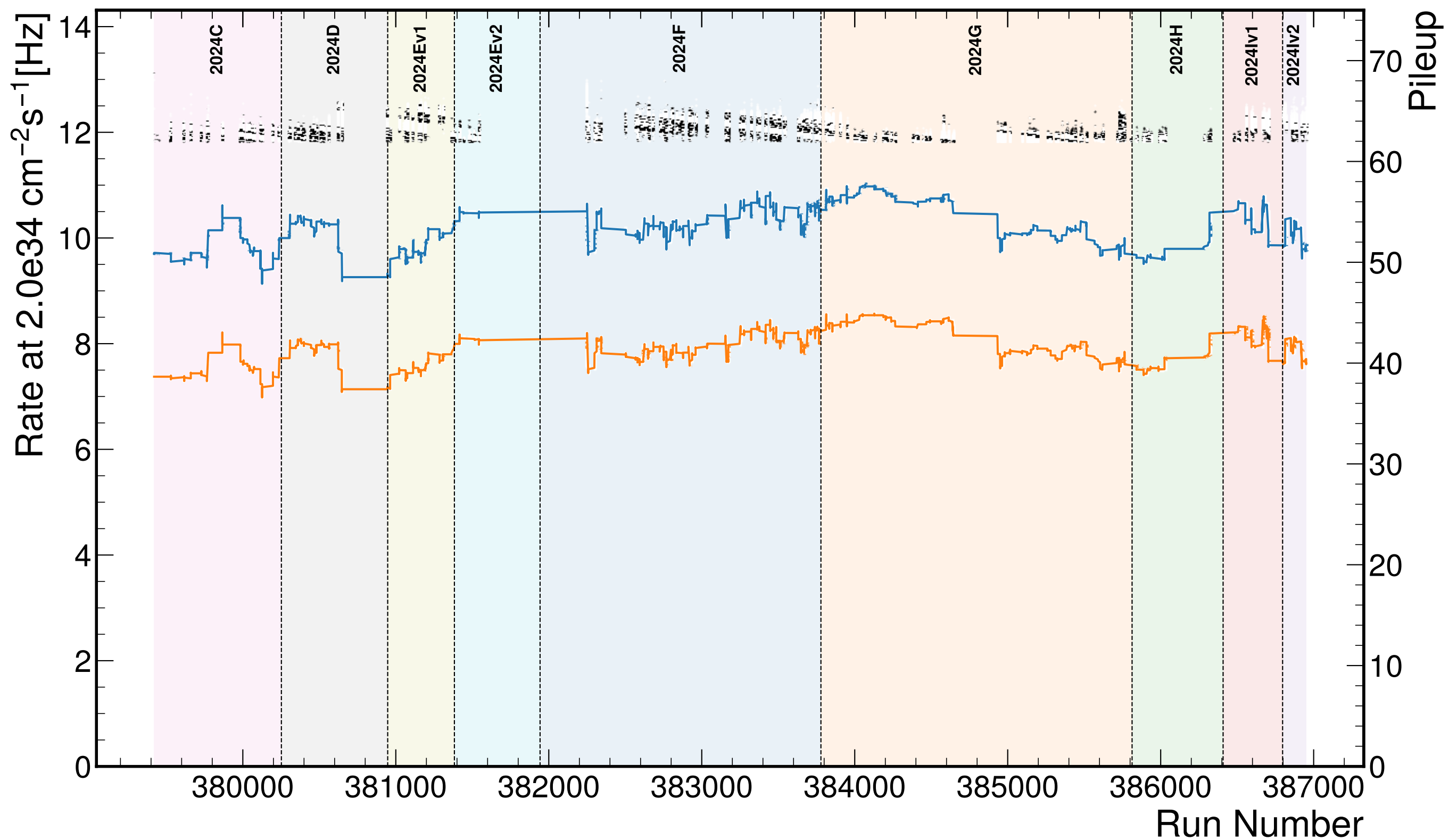




HT #2 Trigger Paths

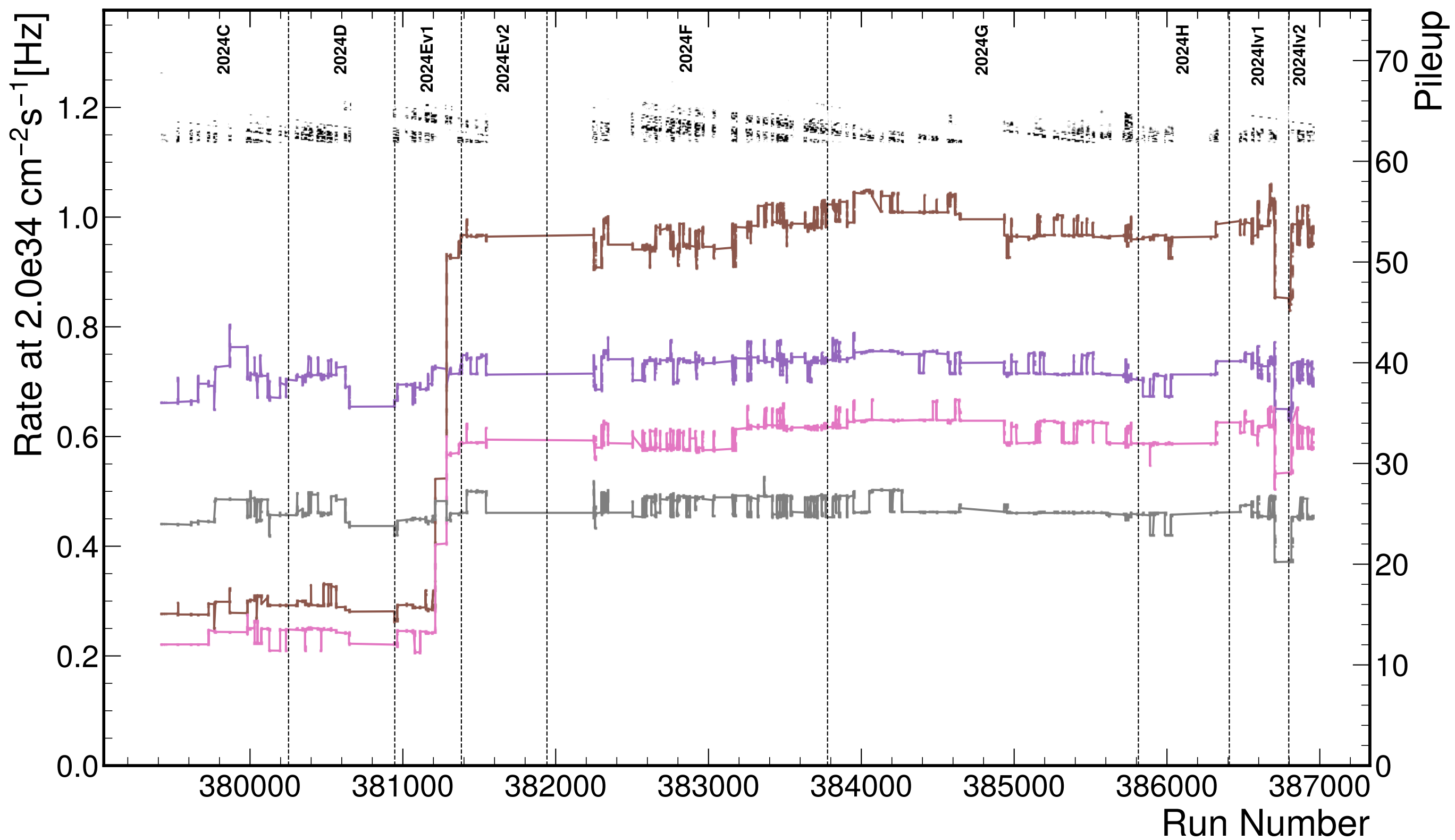
- HLT_PFHT180
- HLT_PFHT250
- HLT_PFHT890
- HLT_PFHT780
- HLT_PFHT680
- HLT_PFHT430
- HLT_PFHT590
- HLT_PFHT510
- HLT_PFHT370





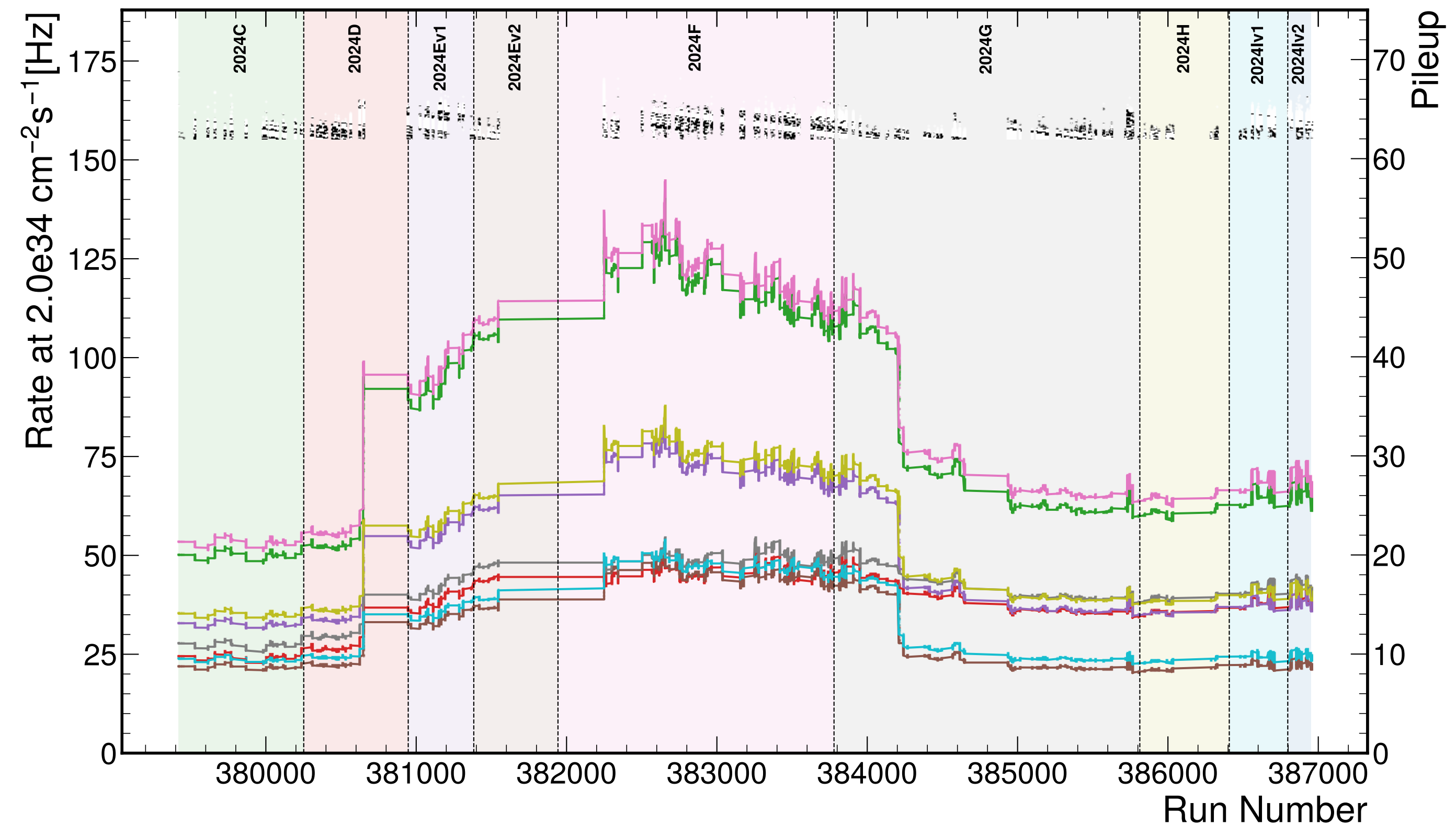
Jet #2 - Full Hadronic Trigger Paths

- HLT_DoublePFJets116MaxDeta1p6_PNet2BTag_0p11
- HLT_DoublePFJets128MaxDeta1p6_PNet2BTag_0p11



Jet #3 - Full Hadronic Trigger Paths

- HLT_DoublePFJets200_PNetBTag_0p11
- HLT_DoublePFJets100_PNetBTag_0p11
- HLT_DoublePFJets350_PNetBTag_0p11
- HLT_DoublePFJets40_PNetBTag_0p11



MET Trigger Paths

- HLT_PFMETNoMu120_PFMHTNoMu120_IDTight
- HLT_PFMET120_PFMHT120_IDTight
- HLT_PFMETNoMu130_PFMHTNoMu130_IDTight
- HLT_PFMET130_PFMHT130_IDTight
- HLT_PFMETNoMu120_PFMHTNoMu120_IDTight_PFHT60
- HLT_PFMETNoMu140_PFMHTNoMu140_IDTight
- HLT_PFMET140_PFMHT140_IDTight
- HLT_PFMET120_PFMHT120_IDTight_PFHT60