Data Release for P. Adamson *et al., "Search for Sterile Neturinos Mixing with Muon Neutrinos in MINOS"*, Phys. Rev. Lett. **117**, 151803 (2016)

Included in the dataRelease.root (created with ROOT version 5.34/12) file is:

- TotalCCCovar
    - The covariance matrix for ν_μCC selected events
- TotalNCCovar
    - The covariance matrix for NC selected events
- TotalInvertCC
    - The inverted covariance matrix for ν_μCC selected events
- TotalInvertNC
    - The inverted covariance matrix for NC selected events
- dataNDCC
    - The reconstructed energy distribution for data ν_μCC selected events in the near detector
- dataNDNC
    - The reconstructed energy distribution for data NC selected events in the near detector
- dataFDCC
    - The reconstructed energy distribution for data ν_μCC selected events in the far detector
- dataFDNC
    - The reconstructed energy distribution for data NC selected events in the far detector
- dataRatioCC
    - The far-to-near ratio of the reconstructed energy distributions for data ν_μCC selected events
- dataRatioNC
    - The far-to-near ratio of the reconstructed energy distributions for data NC selected events
- Matrices relating reconstructed energy to true L/E for near detector simulation

	ν_μ CC selected	NC selected
True NC	hRecoToTrueNDCCSelectedTrueNC	hRecoToTrueNDNCSelectedTrueNC
True ν_μ CC	hRecoToTrueNDCCSelectedNuMu	hRecoToTrueNDNCSelectedNuMu
True beam ν_e CC	hRecoToTrueNDCCSelectedBeamNue	hRecoToTrueNDNCSelectedBeamNue
True appeared ν_e CC	hRecoToTrueNDCCSelectedAppNue	hRecoToTrueNDNCSelectedAppNue
True appeared ν_τ CC	hRecoToTrueNDCCSelectedAppNuTau	hRecoToTrueNDNCSelectedAppNuTau

- Matrices relating reconstructed energy to true L/E for far detector simulation

	ν_μ CC selected	NC selected
True NC	hRecoToTrueFDCCSelectedTrueNC	hRecoToTrueFDNCSelectedTrueNC
True ν_μ CC	hRecoToTrueFDCCSelectedNuMu	hRecoToTrueFDNCSelectedNuMu
True beam ν_e CC	hRecoToTrueFDCCSelectedBeamNue	hRecoToTrueFDNCSelectedBeamNue
True appeared ν_e CC	hRecoToTrueFDCCSelectedAppNue	hRecoToTrueFDNCSelectedAppNue

True appeared ν_τ CC	hRecoToTrueFDCCSelectedAppNuTau	hRecoToTrueFDNCSelectedAppNuTau

- dm241vsth24
  - The χ^2 surface as a function of Δm^2_{41} and θ_{24}
- dm241vsth24_UpValuesFC90CL
  - Feldman-Cousins 90% C.L. up values as a function of Δm^2_{41} and θ_{24}
- dm241vsth24_UpValuesFC95CL
  - Feldman-Cousins 95% C.L. up values as a function of Δm^2_{41} and θ_{24}