$\sum_{ij} (\mathbf{C}_{ii} \times \mathbf{C}_{ji})^{1/2}$ Near detector Far detector Special ND run +293 kA -293 kA +293 kA -293 kA +280 kA -280 kA $\boldsymbol{\nu}_{\boldsymbol{\mu}} \quad \overline{\boldsymbol{\nu}}_{\boldsymbol{\mu}} \, \boldsymbol{\nu}_{\boldsymbol{e}} \overline{\boldsymbol{\nu}}_{\boldsymbol{e}} \, \boldsymbol{\nu}_{\boldsymbol{\mu}} \quad \overline{\boldsymbol{\nu}}_{\boldsymbol{\mu}} \, \boldsymbol{\nu}_{\boldsymbol{e}} \, \boldsymbol{\nu}_{\boldsymbol{\mu}} \, \boldsymbol{\nu}_{\boldsymbol$ Bin number 0.5 -0.5 Bin number