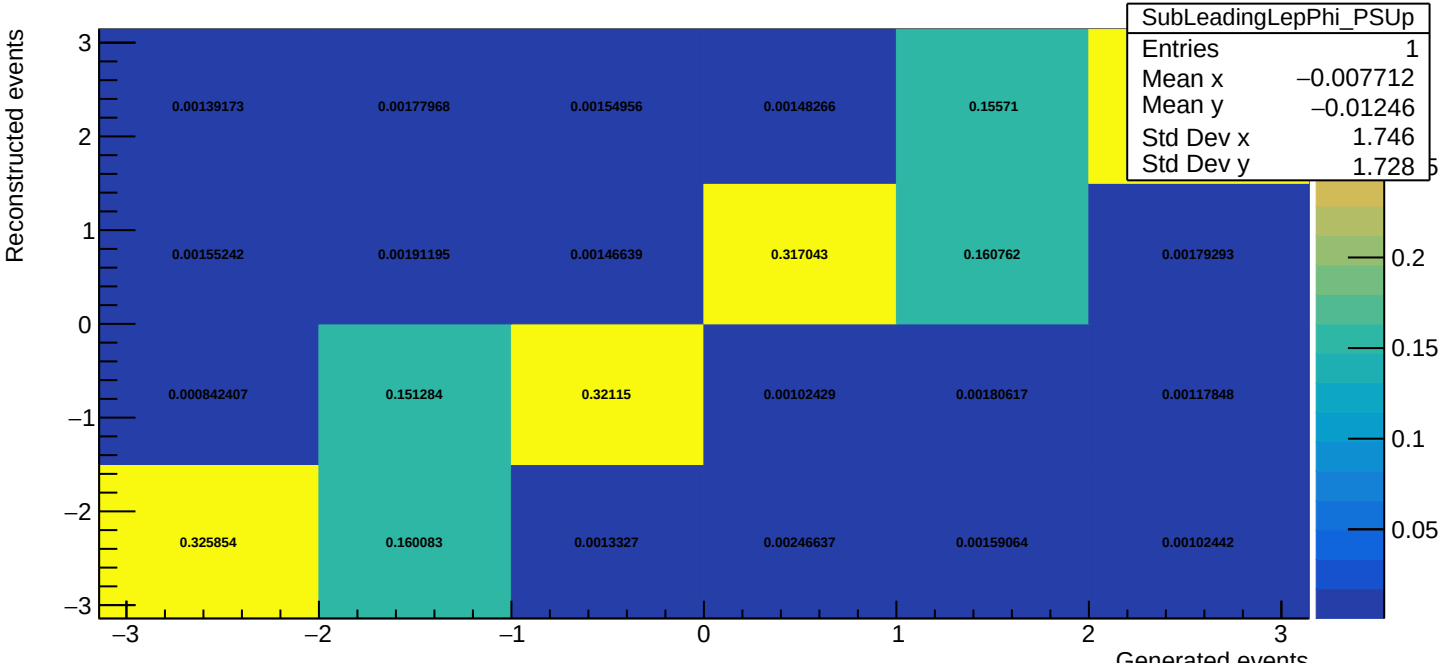Response matrix - SubLeadingLepPhiPSUp