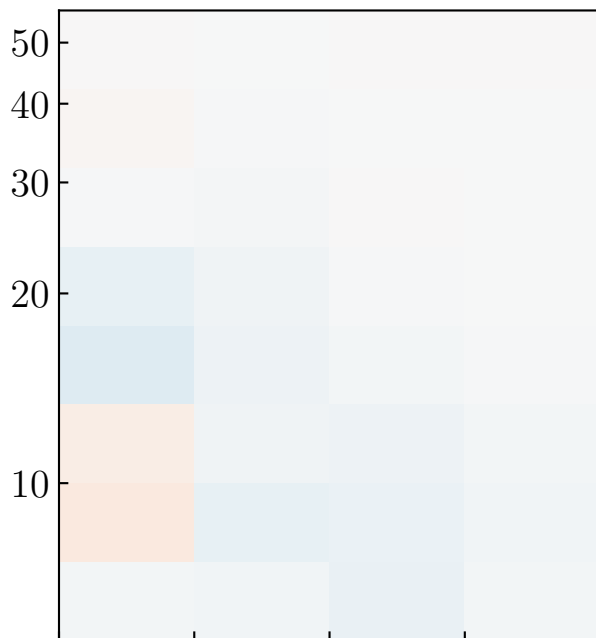
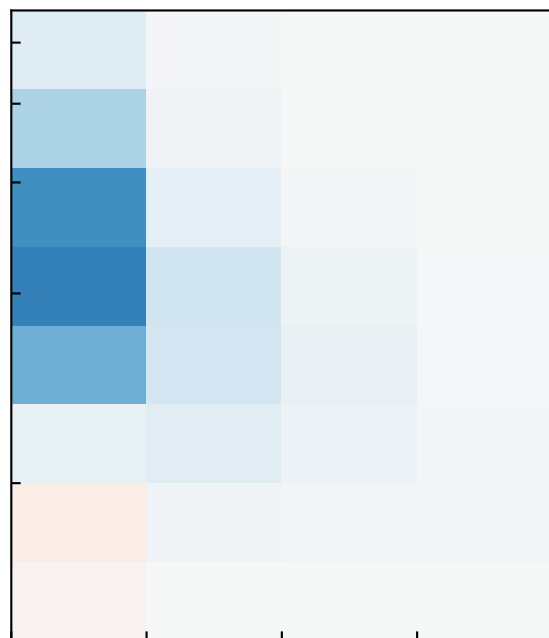
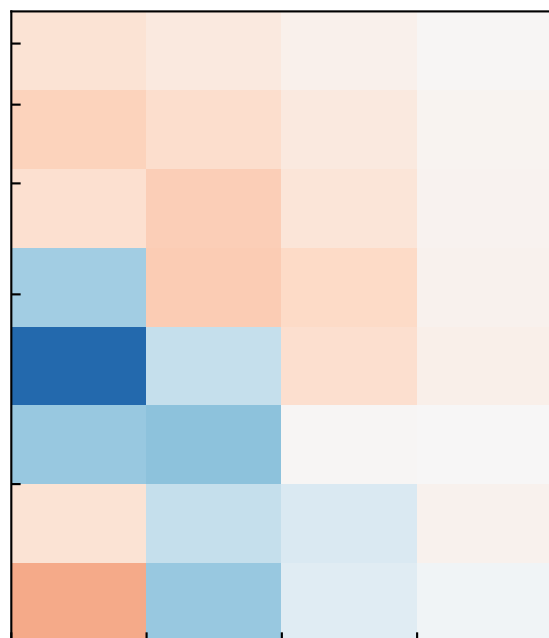
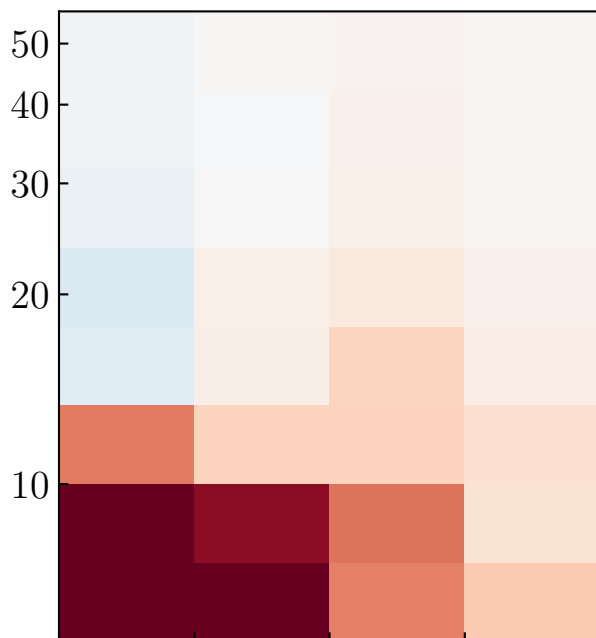
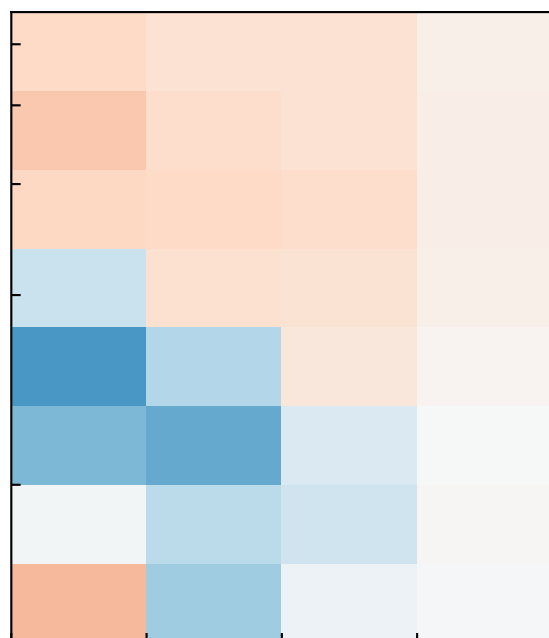
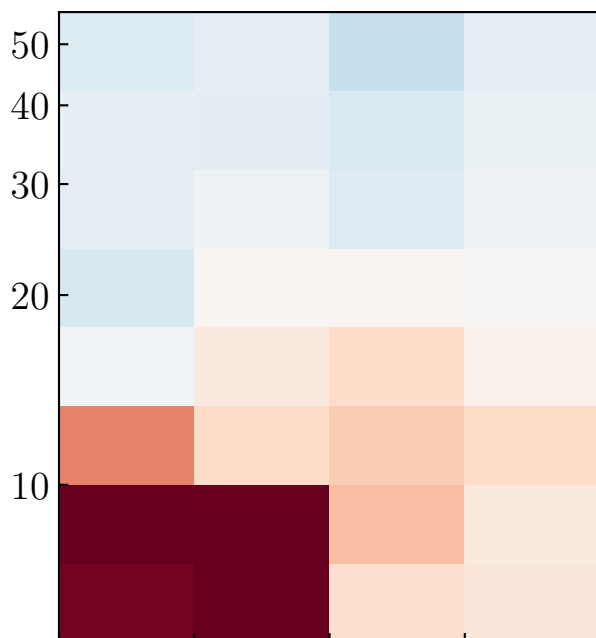
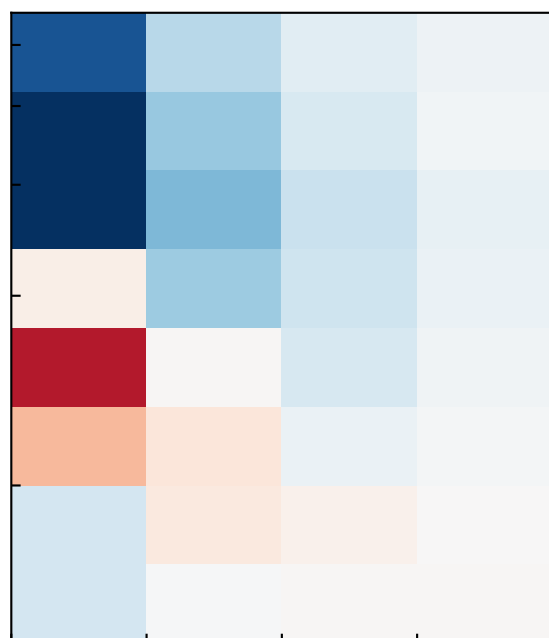
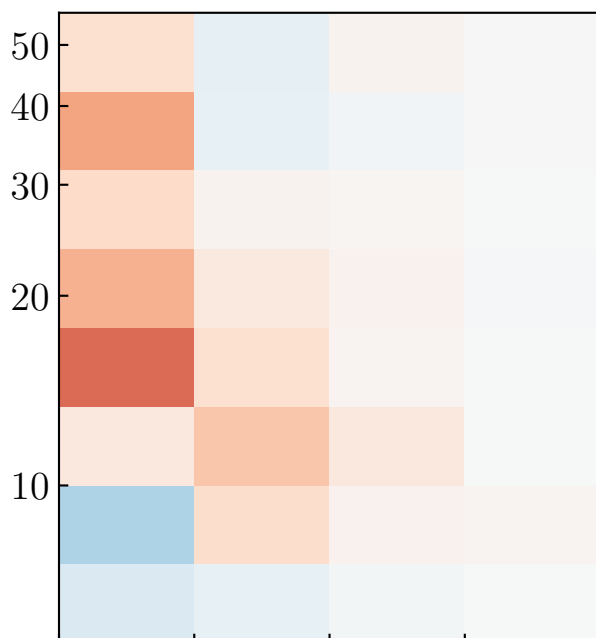


PINGU cascades



PINGU tracks

 $E^{reco}$  [GeV] $\cos(\theta_z^{reco})$  $\cos(\theta_z^{reco})$