Top-left panel x-axis: 2 GeV < p < 3 GeV, $\phi^{e+}_{pred,b2b}$ [radians]

Top-right panel x-axis: $\phi^{e+}_{pred,b2b}$ [radians]

Bottom-left panel x-axis: $\phi^{e+}_{pred,b2b}$ [radians]

Bottom-right panel x-axis: 5 GeV < p < 6 GeV, $\phi^{e+}_{pred,b2b}$ [radians]