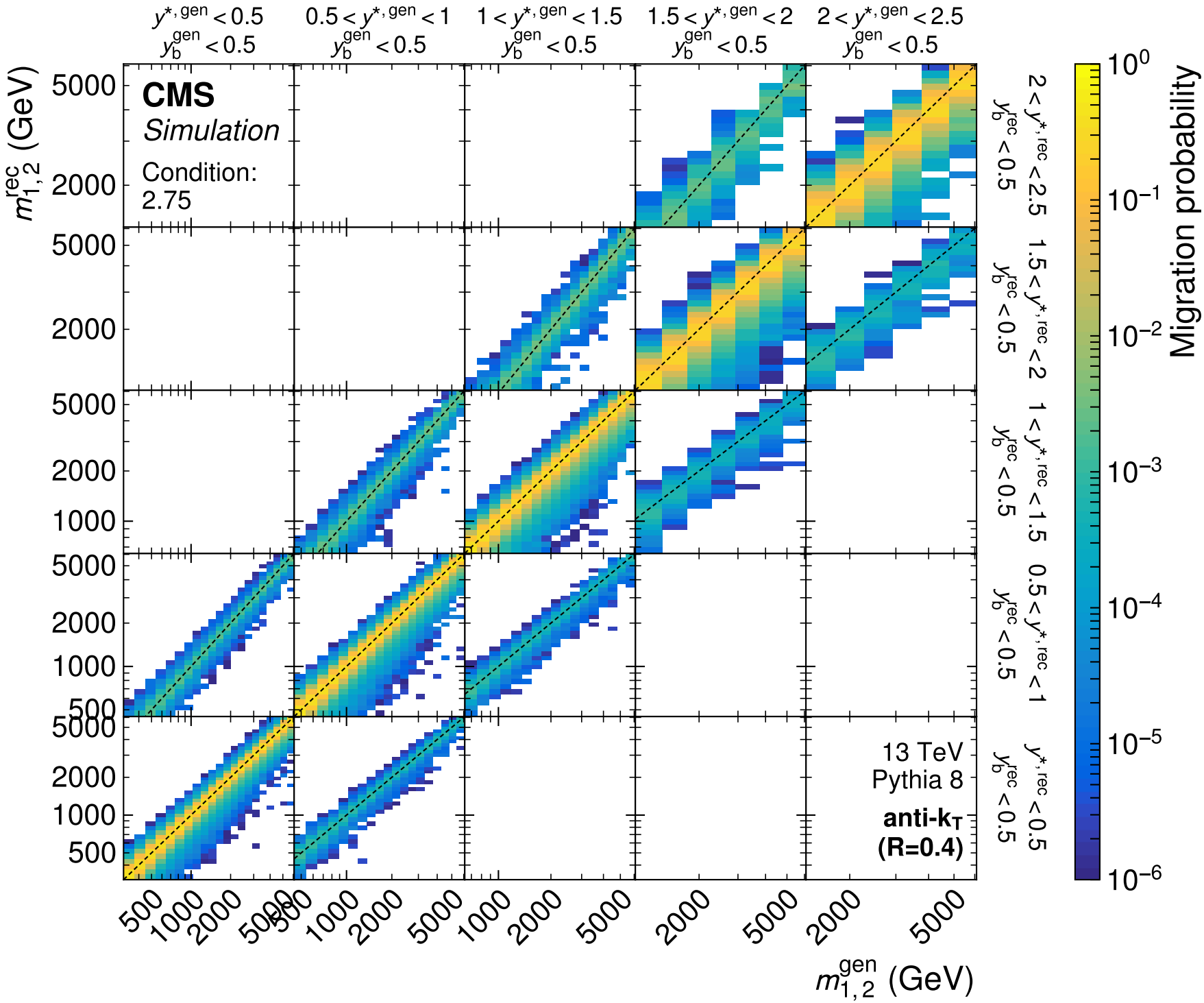
$y^{*,\mathrm{gen}} < 0.5$, $y_b^{\mathrm{gen}} < 0.5$
$0.5 < y^{*,\mathrm{gen}} < 1$, $y_b^{\mathrm{gen}} < 0.5$
$1 < y^{*,\mathrm{gen}} < 1.5$, $y_b^{\mathrm{gen}} < 0.5$
$1.5 < y^{*,\mathrm{gen}} < 2$, $y_b^{\mathrm{gen}} < 0.5$
$2 < y^{*,\mathrm{gen}} < 2.5$, $y_b^{\mathrm{gen}} < 0.5$
$2 < y^{*,\mathrm{rec}} < 2.5$, $y_b^{\mathrm{rec}} < 0.5$
$1.5 < y^{*,\mathrm{rec}} < 2$, $y_b^{\mathrm{rec}} < 0.5$
$1 < y^{*,\mathrm{rec}} < 1.5$, $y_b^{\mathrm{rec}} < 0.5$
$0.5 < y^{*,\mathrm{rec}} < 1$, $y_b^{\mathrm{rec}} < 0.5$
$y^{*,\mathrm{rec}} < 0.5$, $y_b^{\mathrm{rec}} < 0.5$
CMS
Simulation
Condition: 2.75
13 TeV
Pythia 8
anti-$k_T$ (R=0.4)
$m_{1,2}^{\mathrm{rec}}$ (GeV)
$m_{1,2}^{\mathrm{gen}}$ (GeV)
Migration probability
500
1000
2000
5000
$10^{0}$
$10^{-1}$
$10^{-2}$
$10^{-3}$
$10^{-4}$
$10^{-5}$
$10^{-6}$