

Pythia 8

Heatmap showing the probability $\text{Pr}(\rho|\Delta R)$ as a function of ΔR (x-axis, ranging from 0.2 to 0.7) and ρ (y-axis, ranging from -3 to 0). The color scale represents the probability, ranging from 0 (dark blue) to 0.7 (yellow). The plot shows a diagonal band of high probability (yellow/orange) and a cluster of high probability at $\Delta R \approx 0.6$, $\rho = 0$ (yellow).

Q

0

-0.5

-1

-1.5

-2

-2.5

-8

0

0.5

-1

-1.5

-2

-2.5

-8

 ΔR
$$\Pr(p|\Delta R)$$

0.7

0.6

0.5

04

03

02

0.1

O