



~~Orig/DOM orig MS~~

A scatter plot showing the fake rate (y-axis, 0 to 0.05) versus b-tag efficiency (x-axis, 0.0 to 1.0). The plot compares four selection criteria: 'higher T\_{jet} p\_T^miss' (blue circles), 'detached T/DQM' (red squares), 'orig MS' (green triangles), and 'MS' (cyan diamonds). All criteria show a similar trend where the fake rate decreases as b-tag efficiency increases, with the 'orig MS' criterion achieving the lowest fake rate at higher efficiencies.

