

Jets

■ CMS
— POWHEG BOX r3744 default

Figure 1 consists of two panels. The top panel shows the multiplicity distribution dN/dp_T for the POWHEG BOX r3744 default (red line with markers) and CMS data (black squares). The x-axis is multiplicity (0 to 150). The y-axis is dN/dp_T (0 to 1000). The bottom panel shows the ratio of the POWHEG BOX r3744 default to the CMS data (green bars). The x-axis is multiplicity (0 to 150). The y-axis is Ratio to CMS (0.5 to 2.0). A horizontal line at Ratio to CMS = 1.0 is shown. The ratio is generally close to 1.0, with some deviations at low and high multiplicities.