



FIG. 4 (color online). Comparison of the $D^{*\pm}$ production rate $\mathcal{R}(p_T, z)/\Delta z$ in different jet p_T and z bins between the measurement and the MC predictions of PYTHIA, HERWIG, POWHEG+PYTHIA and POWHEG+HERWIG. The values corresponding to the integrated p_T range are shown in the bottom right Figure. The insets show the ratio of the measurement to the POWHEG+PYTHIA prediction.