CMS Simulation Bias mean and std [%] mean Truth Model: SIMPLESHAPE_4_SHM_SHA 0.5 std Fit Model: best χ^2/dof mean $\chi^2/dof < 2$ VdM Model: Poly4G std $\chi^2/dof < 2$ 0.4 0.3 0.2 0.1 0.0 -1.0 -0.5 0.0 0.5 1.0 1.5 2.0 2.5 Truth correction [%]