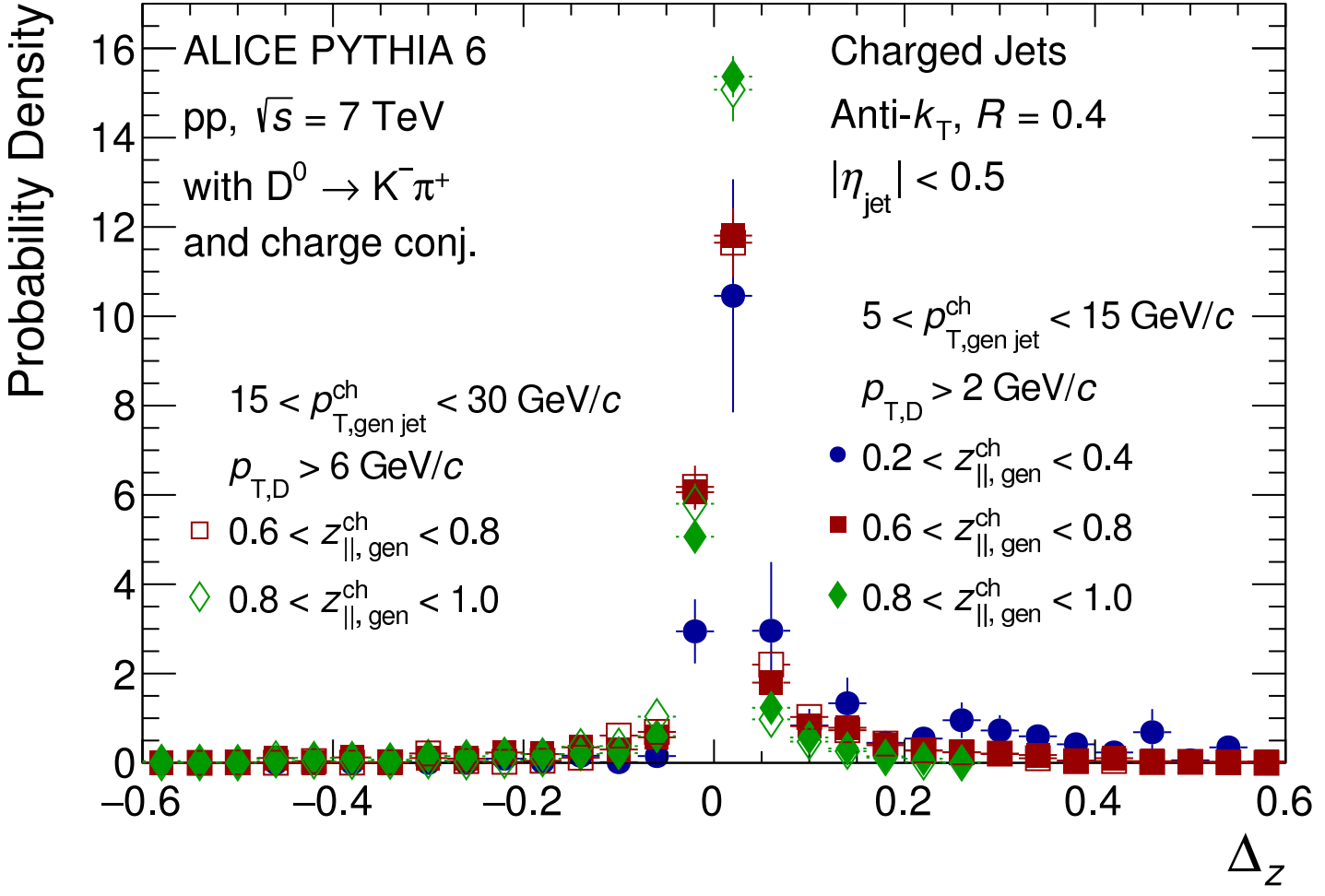
ALICE PYTHIA 6
pp, $\sqrt{s}$ = 7 TeV
with $D^0 \rightarrow K^-\pi^+$
and charge conj.
Charged Jets
Anti-k_T, R = 0.4
$|\eta_{jet}| < 0.5$
$15 < p_{T,gen\ jet}^{ch} < 30$ GeV/c
$p_{T,D} > 6$ GeV/c
$0.6 < z_{||,gen}^{ch} < 0.8$
$0.8 < z_{||,gen}^{ch} < 1.0$
$5 < p_{T,gen\ jet}^{ch} < 15$ GeV/c
$p_{T,D} > 2$ GeV/c
$0.2 < z_{||,gen}^{ch} < 0.4$
$0.6 < z_{||,gen}^{ch} < 0.8$
$0.8 < z_{||,gen}^{ch} < 1.0$
Probability Density
Δ_z
0
2
4
6
8
10
12
14
16
−0.6
−0.4
−0.2
0
0.2
0.4
0.6