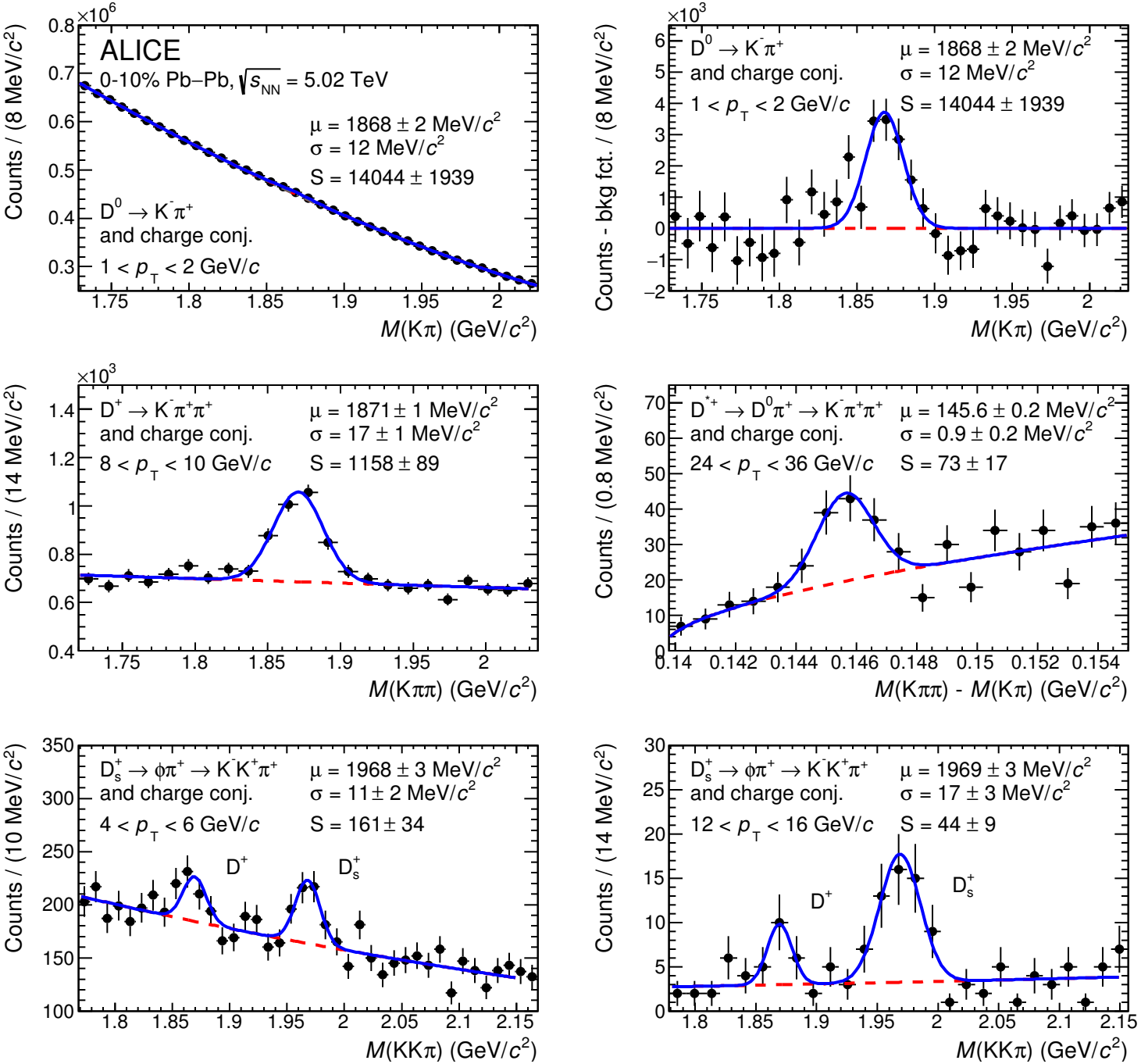
ALICE
0-10% Pb–Pb, $\sqrt{s_{NN}}$ = 5.02 TeV
μ = 1868 ± 2 MeV/c^2
σ = 12 MeV/c^2
S = 14044 ± 1939
$D^0 \to K^-\pi^+$
and charge conj.
1 < p_T < 2 GeV/c
Counts / (8 MeV/c^2)
M(Kπ) (GeV/c^2)
Counts - bkg fct. / (8 MeV/c^2)
$D^+ \to K^-\pi^+\pi^+$
μ = 1871 ± 1 MeV/c^2
σ = 17 ± 1 MeV/c^2
8 < p_T < 10 GeV/c
S = 1158 ± 89
Counts / (14 MeV/c^2)
M(Kππ) (GeV/c^2)
$D^{*+} \to D^0\pi^+ \to K^-\pi^+\pi^+$
μ = 145.6 ± 0.2 MeV/c^2
σ = 0.9 ± 0.2 MeV/c^2
24 < p_T < 36 GeV/c
S = 73 ± 17
Counts / (0.8 MeV/c^2)
M(Kππ) - M(Kπ) (GeV/c^2)
$D_s^+ \to \phi\pi^+ \to K^-K^+\pi^+$
μ = 1968 ± 3 MeV/c^2
σ = 11 ± 2 MeV/c^2
4 < p_T < 6 GeV/c
S = 161 ± 34
D^+
D_s^+
Counts / (10 MeV/c^2)
M(KKπ) (GeV/c^2)
μ = 1969 ± 3 MeV/c^2
σ = 17 ± 3 MeV/c^2
12 < p_T < 16 GeV/c
S = 44 ± 9
Counts / (14 MeV/c^2)