Efficiencies with FMD

With template fit
In MC p-Pb collisions at 5.02 TeV
AMPT dedicated production with FMD — LHC19h12a
Charged unidentified particles

\[ v_2(2pC, 1.0 < \Delta n | < 7.8) \]

AMPT p-Pb collisions
Template fit: 0-20%, base 60-100%
Charged

- \( \text{With efficiency} \)
- \( \text{Without efficiency} \)
Pions

AMPT p-Pb collisions
Template fit: 0-20%, base 60-100%
Pion

- With efficiency
- Without efficiency

$\langle \Delta n \rangle < 7.8$

$v_2(2PC, 1.0 < |\Delta n| < 7.8)$ vs $p_T$ [GeV/c]

AMPT p-Pb collisions
Pion

$v_2$ vs $p_T$ [GeV/c]
Kaons

AMPT p-Pb collisions
Template fit: 0-20%, base 60-100%
Kaon

- With efficiency
- Without efficiency

$V_2\{2PC, 1.0 < |\Delta n| < 7.8\}$ vs $p_T$ [GeV/c]

AMPT p-Pb collisions
Kaon

With / without efficiency

$p_T$ [GeV/c]
Protons

AMPT p-Pb collisions
Template fit: 0-20%, base 60-100%
Proton

With efficiency
Without efficiency