

Ratio to pions / (HM ratio)

$\sqrt{s} = 13 \text{ TeV}$ ,  $N_{\text{tracklets}}^{|\eta| < 0.8}$  (III),  $|\eta| < 0.8$ ,  $N_{\text{ch}} \geq 10$

1.1  
1  
0.9  
0.8  
0.7

— PYTHIA 8.2 Monash  
- - - PYTHIA 8.2 Ropes

●  $N_{\rho} / N_{\pi}$   
+  $N_{\Lambda} / N_{\pi}$   
◆  $N_{\Xi} / N_{\pi}$

**ALICE**

$N_{\pi}$ :  $0.3 < p_{\text{T}} < 20 \text{ GeV}/c$

$N_{\rho}$ :  $0.45 < p_{\text{T}} < 20 \text{ GeV}/c$

$N_{\Lambda}$ :  $1.0 < p_{\text{T}} < 8 \text{ GeV}/c$

$N_{\Xi}$ :  $0.6 < p_{\text{T}} < 6.5 \text{ GeV}/c$

0

0.2

0.4

0.6

0.8

$S_{\text{O}}^{p_{\text{T}}=1}$