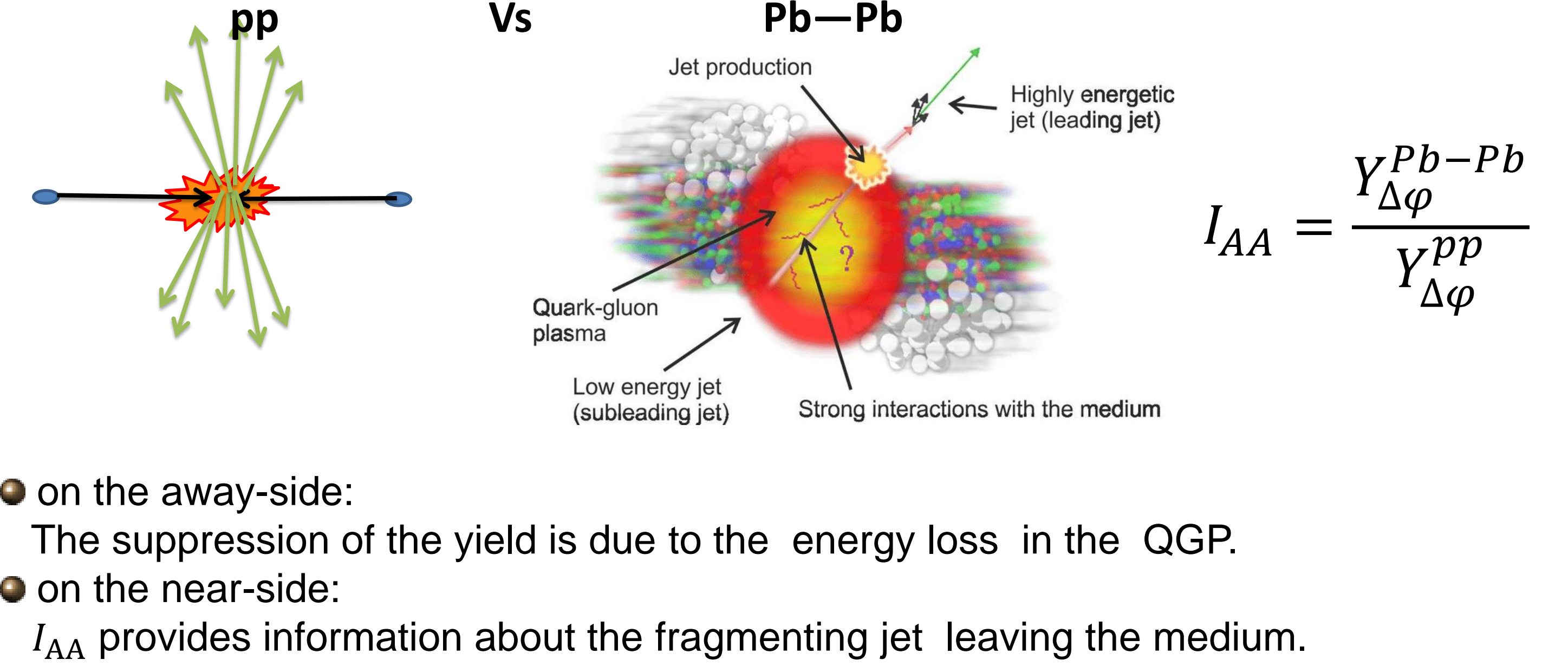
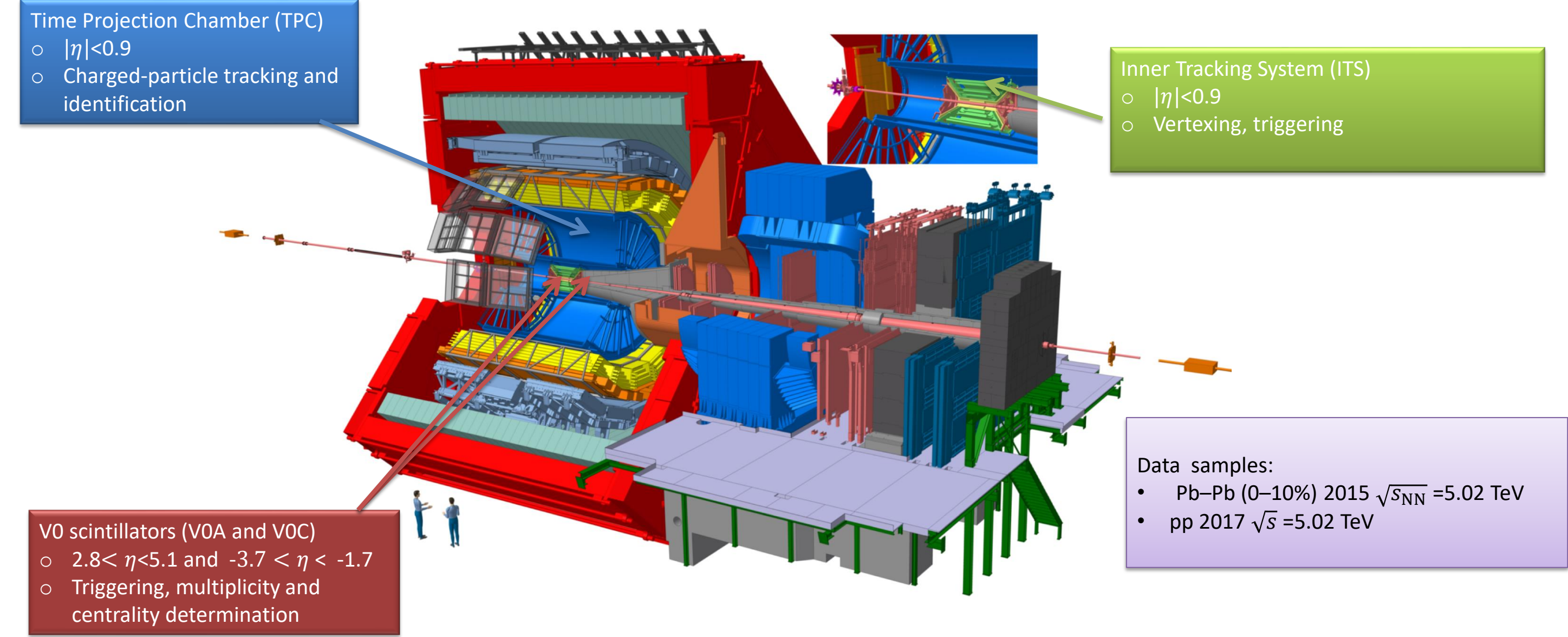


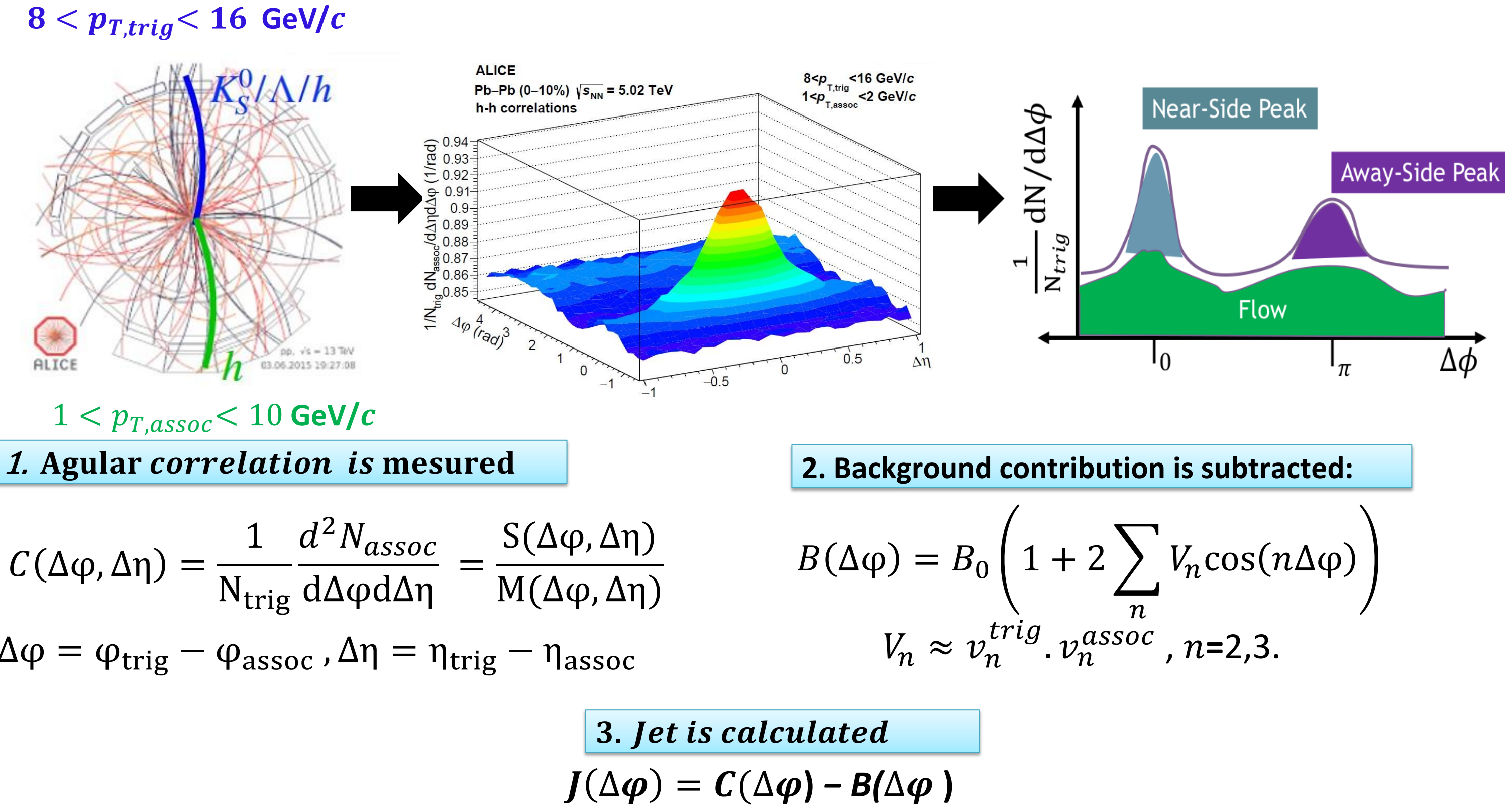
Motivation



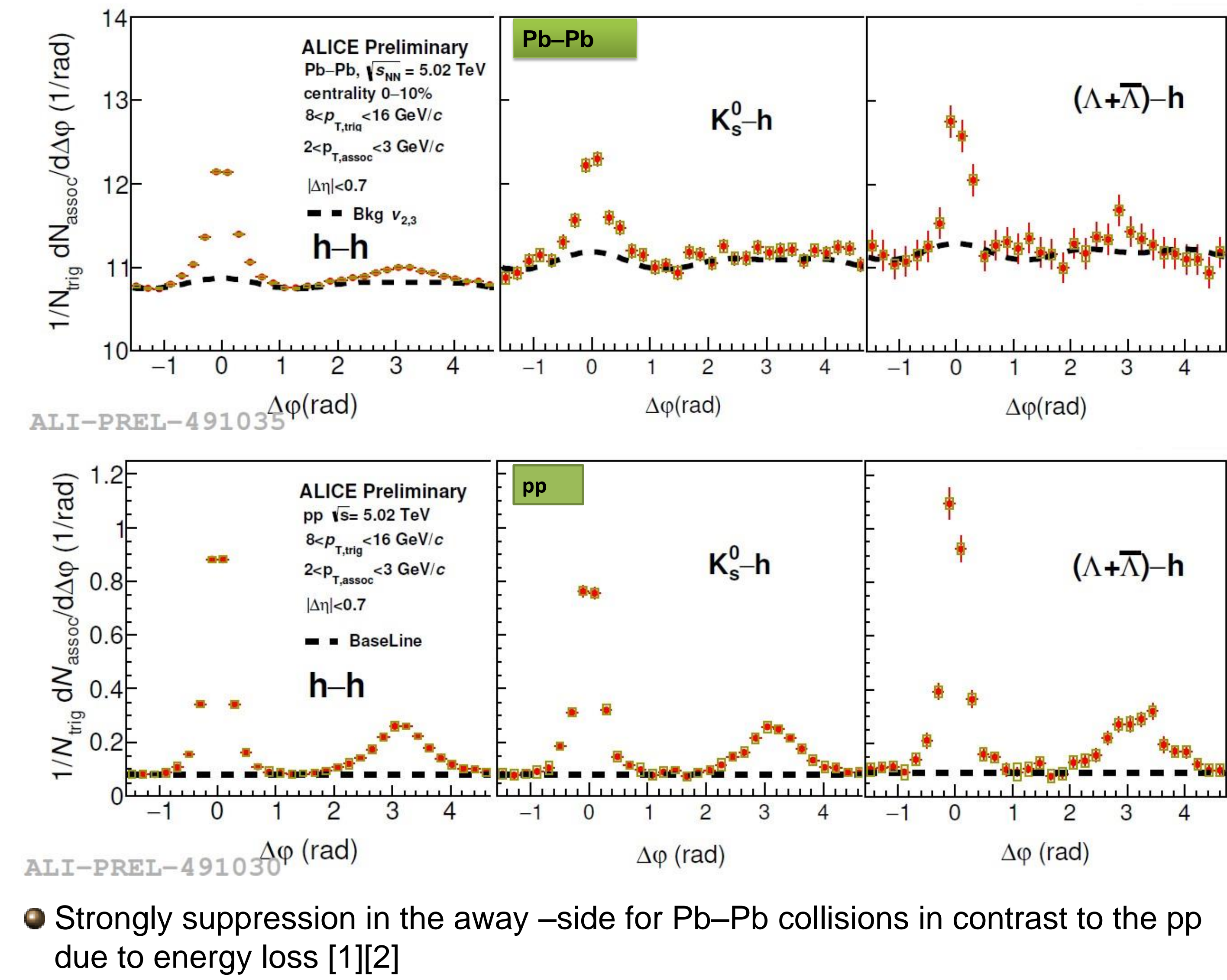
ALICE detector setup



Strange-hadrons Correlations



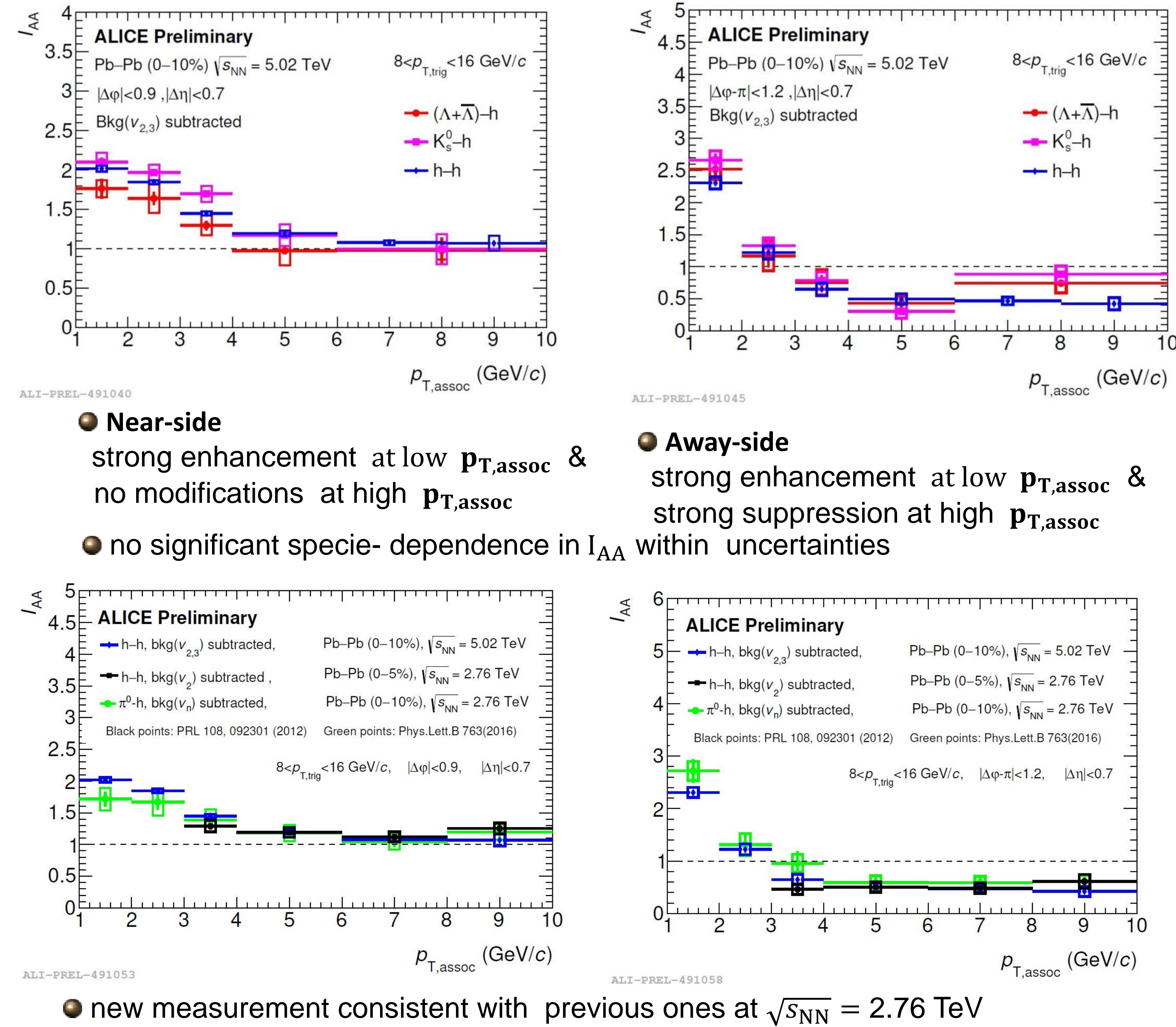
$\Delta\phi$ projections



References

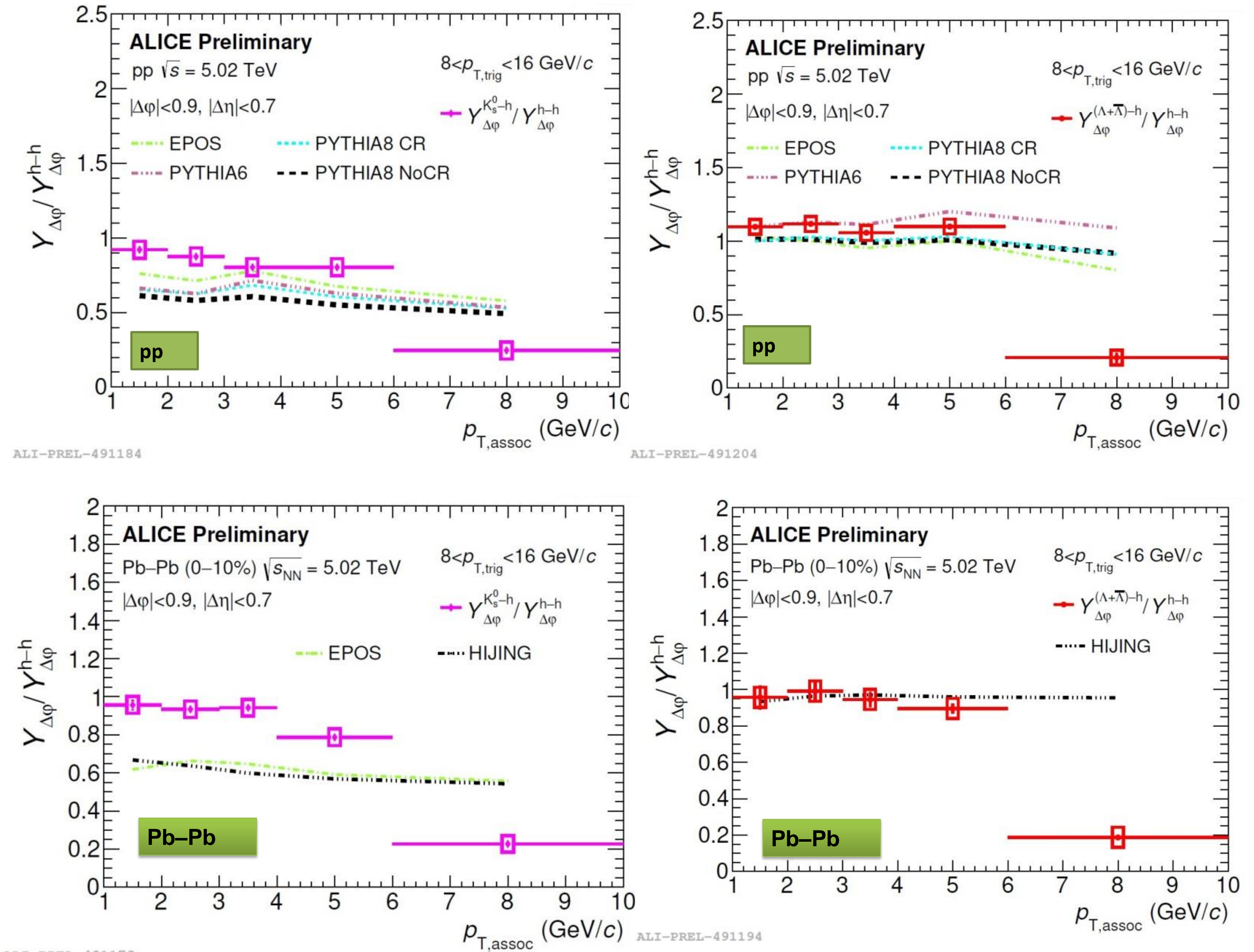
- ALICE Collaboration, Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV, [Phys. Rev. Lett. 108.092301](#).
- ALICE Collaboration, Jet-like correlations with neutral pion triggers in pp and central Pb–Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, [physics-letters-B.763](#).
- K_s^0 and $(\bar{\Lambda})$ -hadron correlations in pp collisions $\sqrt{s} = 13$ TeV, [arxiv 2107.11209](#)

Nuclear modification factor I_{AA}



$$Y_{\Delta\phi}^{K_s^0-h} / Y_{\Delta\phi}^{h-h}$$

$$Y_{\Delta\phi}^{(\Lambda+\bar{\Lambda})-h} / Y_{\Delta\phi}^{h-h}$$



- Near-side yield ratios show the same trend for both K_s^0 and $(\Lambda + \bar{\Lambda})$ in pp and Pb-Pb
- The difference in the ratio may caused by the difference between quark and gluon jet and the ratio in case of K_s^0 always under unity for both pp and Pb–Pb[3]
- Most of the models qualitatively describe the ratios in pp .

Summary

- I_{AA} shows strong enhancement at low $p_{T, assoc}$ in near-side and away-side for all particles species
- I_{AA} shows strong suppression at high $p_{T, assoc}$ in away-side for all particles species
- I_{AA} shows no significant specie-dependence specially in away-side.
- A difference between jet-like yields triggered with K_s^0 and Λ with respect to charged hadron The difference in the ratio may caused by the difference between quark and gluon jet