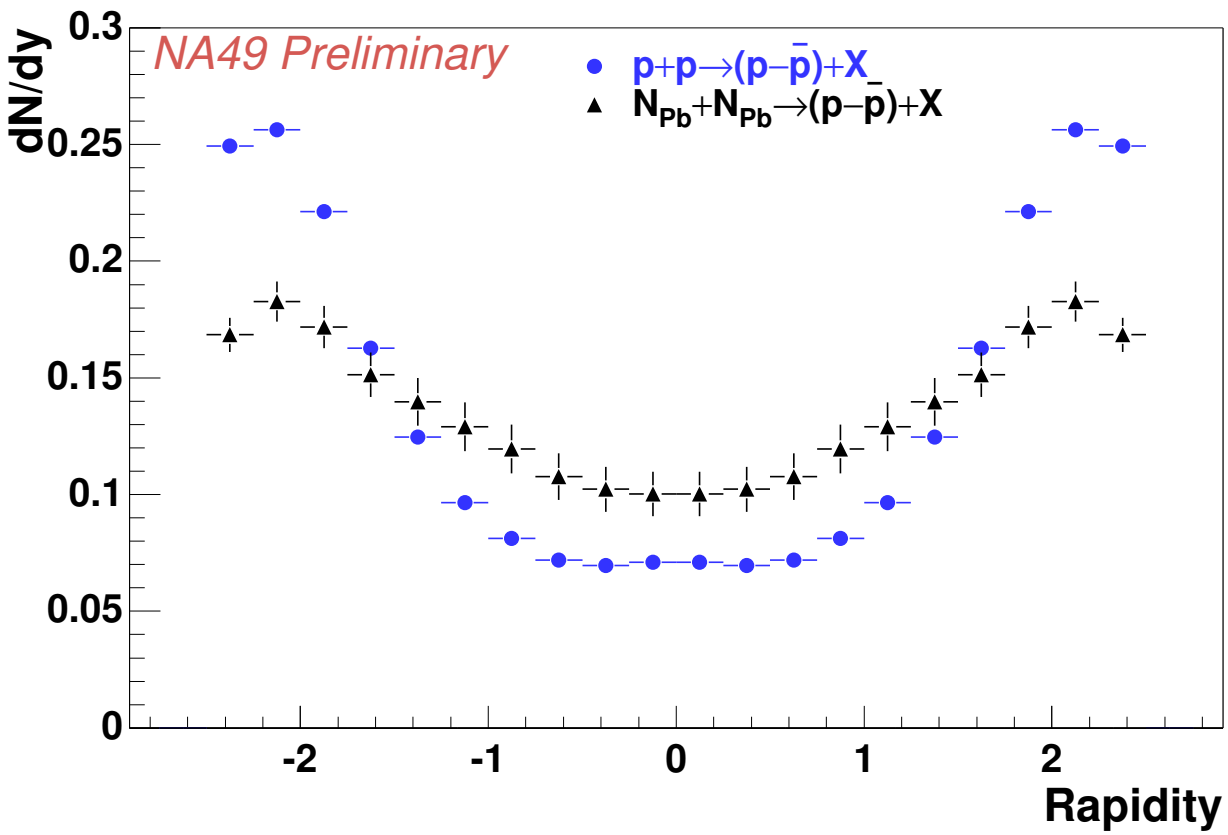
# Stopping
# $p + p$ and how to compare to AA

- for protons
  - AA contains $\left.\begin{array}{l} p+p \\ p+n \\ n+n \\ n+p \end{array}\right\} \rightarrow (p - \bar{p}) + X$
  - estimate $n+n, n+p$ by $p + p \rightarrow (n - \bar{n}) + X$
    from ISR [J. Engler, *et al.*, Nucl. Phys. B84 (1975)]
  - average over Pb (40%p, 60%n) to get $N_{Pb} + N_{Pb}$




- for pions
  - use $< \pi >= (\pi^+ + \pi^-)/2$