

Minutes 6/12 2018 by Peter

Adrian gave an overview of the $S/(S+B)$ that can be obtained with various PID criteria.

Comment:

- there is also physics in the possible correlated BG.

Question:

- can we improve M_{inv} resolution somehow? A narrower peak would give a better S/B .
- is ϕ polarized?

Christopher presented his wishes:

A lot of ideas focused on the use of HBT. It will be very interesting to see if one can be sensitive to rope effects, e.g., if strangeness is mainly produced in a smaller region than pions.

Christopher will check many ideas.

It seems that it will be important to use m_T scaling to separate geometry and flow effects.