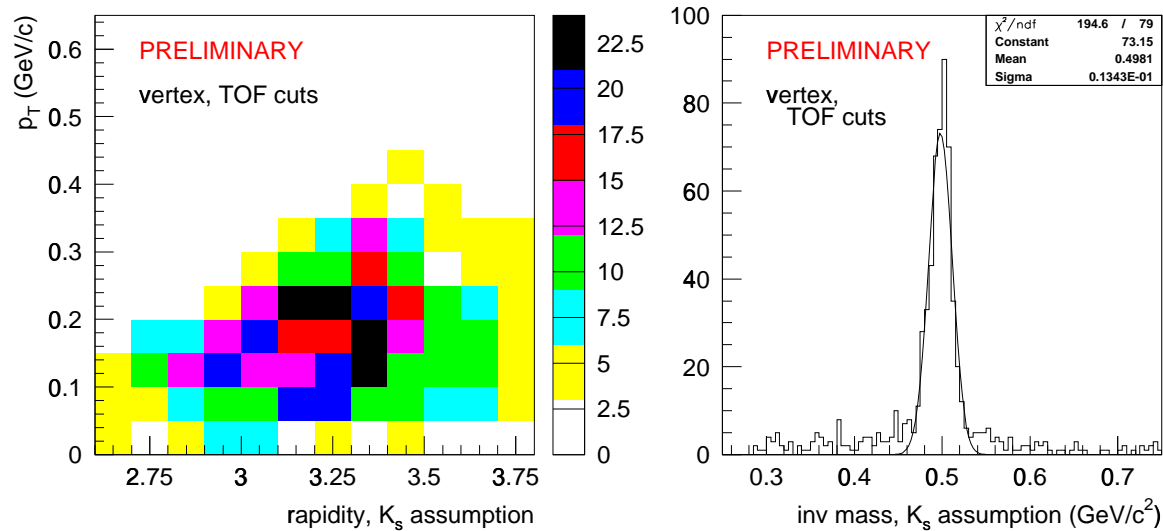


## $K_s$ spectra, TOF cuts included, no acceptance correction



## Summary:

- TOF system added to E896 in 1997
- extrapolation and matching a difficult problem, but software now in place
- DDC tracks extrapolate to TOF with resolution of  $\sim 2$  cm
- for long DDC tracks, match efficiency  $\sim 80$  percent
- E896 TOF measurement resolution  $\sim 120$  ps
- preliminary results for  $\Lambda$ s:
  - TOF tends to remove primarily lower-rapidity  $\Lambda$  candidates
  - leads to slight increase in temperature vs. rapidity

## Future plans:

- apply acceptance, efficiency corrections to  $K_s$  sample
  - measure  $dN/dy$ , temperatures
- finalize  $\Lambda$ ,  $K_s$  results using full PID capabilities and compare to other experiments, models