paper: System-size dependence of strangeness production in
nucleus-nucleus collisions at \( \sqrt{s} = 17.3 \) GeV

current draft: /afs/cern.ch/user/c/choehne/group/paper/size/draft8.ps

converged to rather brief and precise version:
  essential data: \( \pi^\pm, K^\pm, \phi, \Lambda \)
  essential arguments: understanding the effect as a superposition/convolution of
    - formation of coherent subsystems of increasing size
    - canonical strangeness enhancement

in addition (to be prepared): long paper
full statistics from VENUS events* (5000 events) for $\pi$-feeddown:  
→ minor changes (< 1%), see e.g $\pi^-$ in SiSi:

old

$\langle \pi^- \rangle = 57.8$

$\sigma_y = 1.06$

$y_\Delta = 0.89$

* thanks to Michael Mitrovski

new

$\langle \pi^- \rangle = 57.6$

$\sigma_y = 1.05$

$y_\Delta = 0.89$
proposal for long paper:

data: $\bar{\Lambda}$

compare to $\pi^\pm, K^\pm, \phi, \Lambda$

discussion: $\pi/N_{\text{wound}} \rightarrow$ increase of entropy

$T$ vs mass $\rightarrow$ transverse flow
$4\pi$ and/or midrapidity ratios of $K^+/K^-$ and $\Lambda/\Lambda$

→ discussion of baryon density, stopping possible consequence for strangeness production?

comparison of models to data?