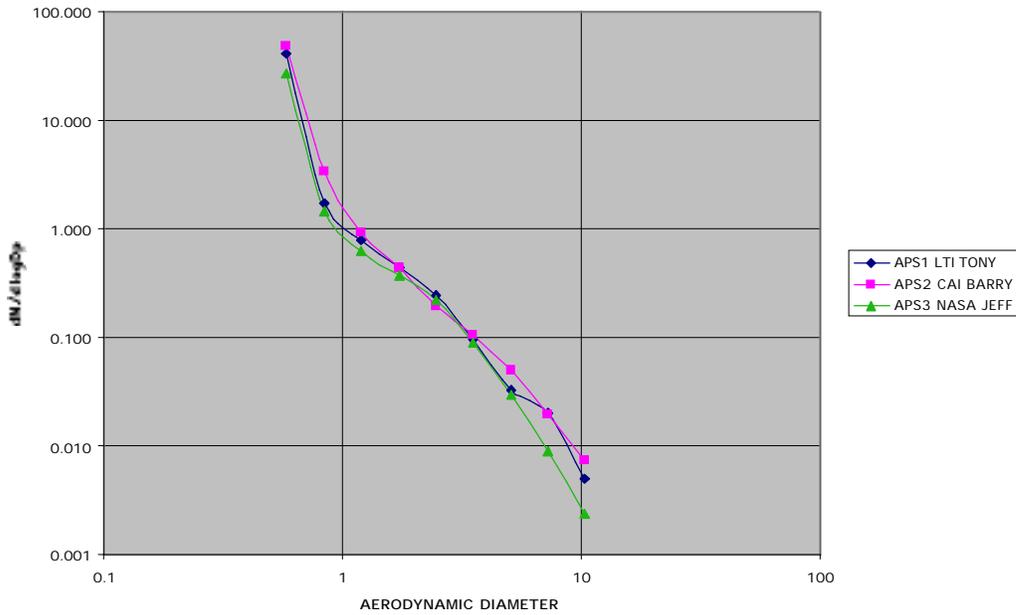


VERY Preliminary PELTI Data: APS data from Colorado LTI test flight, 29 June, 2000
 The upper plot shows sizes from 3 APS's, all getting air from the CAI to test their similarity. They agree to better than 50% in the 1-3 um range, dropping to a factor of 2-3 at 10 um. The lower plot shows the same APSs, but taking air from 3 inlets. The LTI concs are larger by about a factor of 2 at 3 um, rising to >10x at 10 um! This is exactly what one would expect if the LTI were not losing particles. **Caveats:** 1) The counting stats at 7-10 um are not great in Colo, and 2) the CAI and the NASA curved-tube inlet may not have been quite isokinetic. However, the relatively good agreement near 1 um suggests that the trend here is meaningful. -BJH

COMMON CAI INLETS #2



3 INLETS #1

