

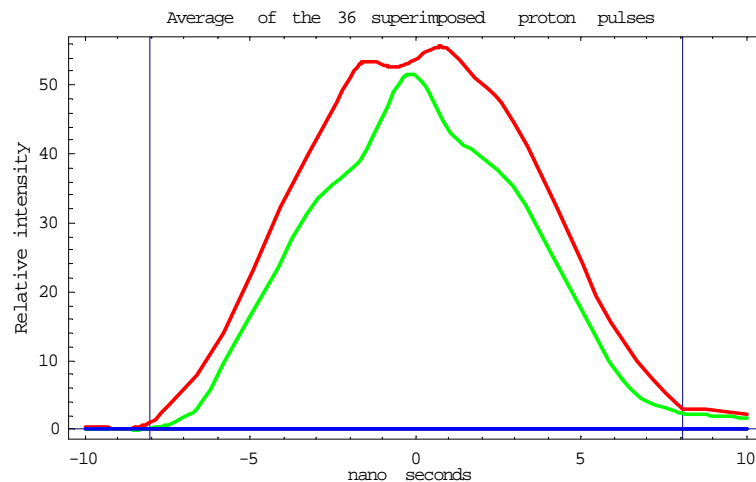
Losses at start of Acceleration

02-20-03

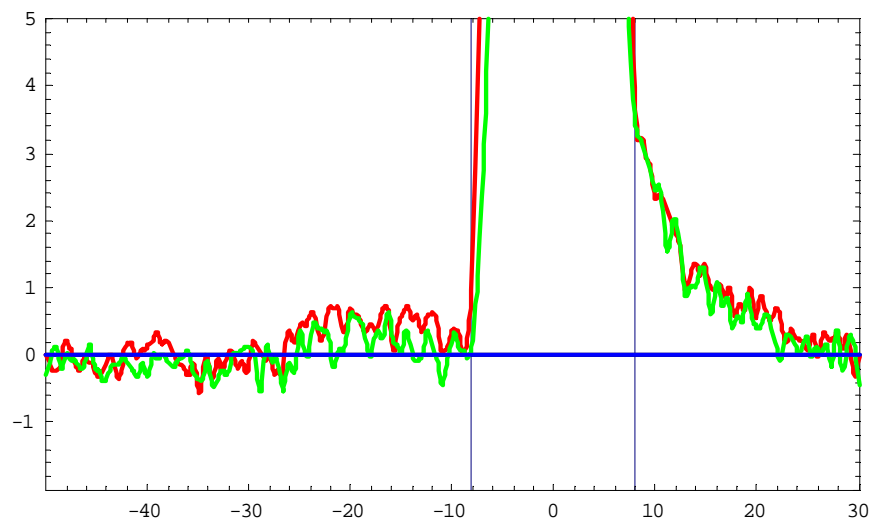
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The following data come from SBD triggers that come at the end Of proton and again at the end of pbar injection. The raw data is stored on a disc file. Thanks to Bob Fora and Gerry Annala!

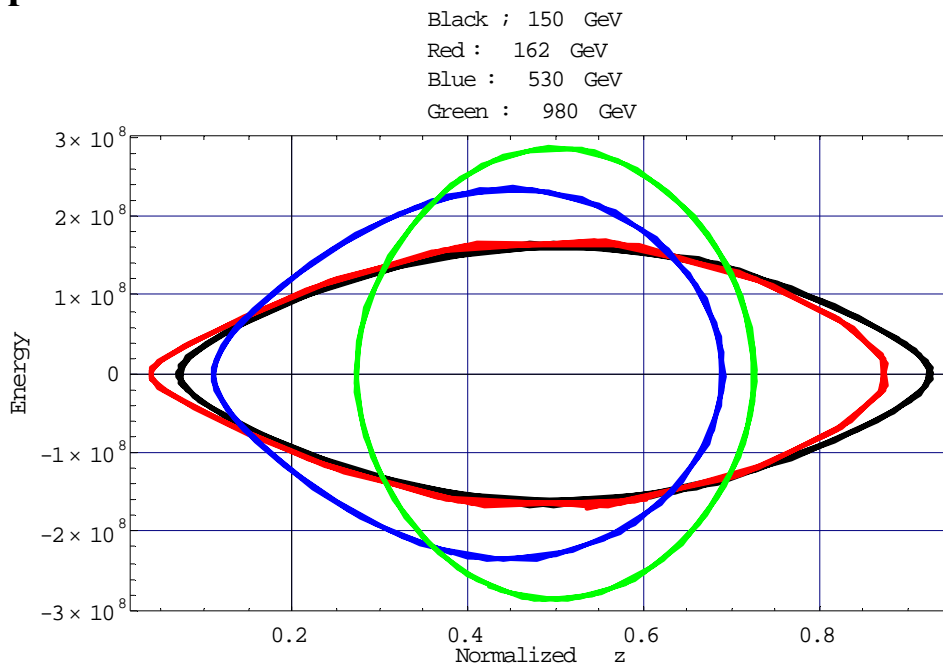
The first plot shows the average proton bunch at the above two times. The vertical lines are at the limiting edge for acceleration without losses.



Expanded view of tails:



Phase orbits during acceleration for proton at limiting edge of phase space.



Distance from separatrix vs time vs time for limiting particle.

