March 27, 2003 From Tanaji Sen, P. Lebrun

(Beam docs 508)

Plots from Paul

- Lifetime of pbars vs proton intensity @ injection
- Lifetime of protons vs pbar intensity @ injection
- Ramp efficiency of pbars vs protons intensity
- (?) Ramp efficiency of protons vs pbar intensity

At collision τ_T vs proton intensity

for pbars $\tau_{\mathcal{L}_{\bar{p}}}$

where $\tau_{\mathcal{L}_{\bar{p}}}$ is the $\bar{p}$ lifetime from luminosity

pbar losses during squeeze vs proton intensity

proton losses during squeeze vs pbar intensity