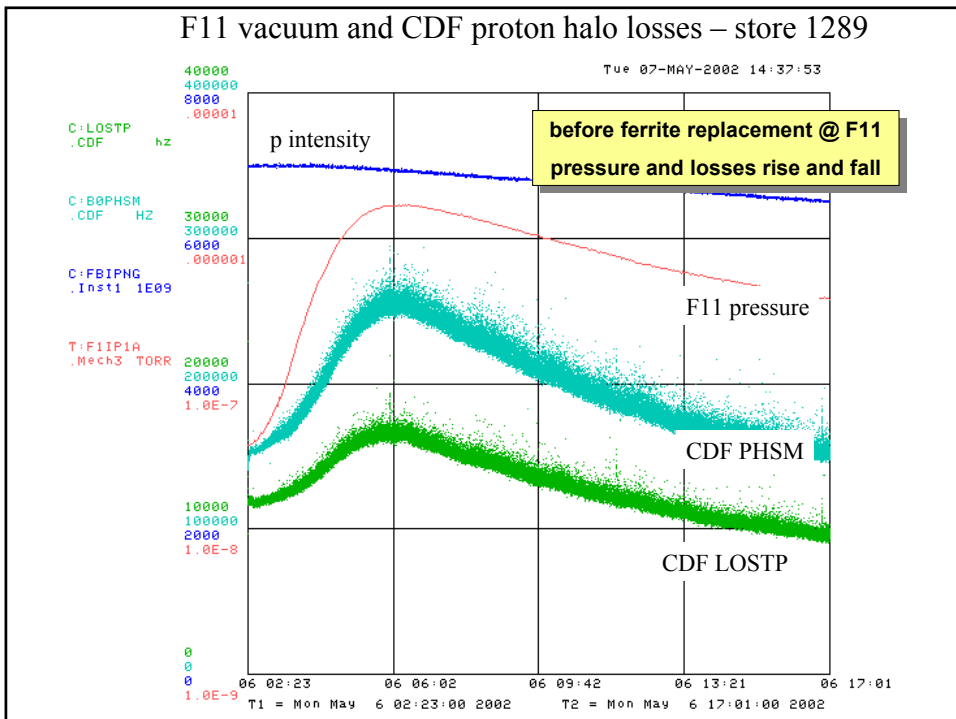
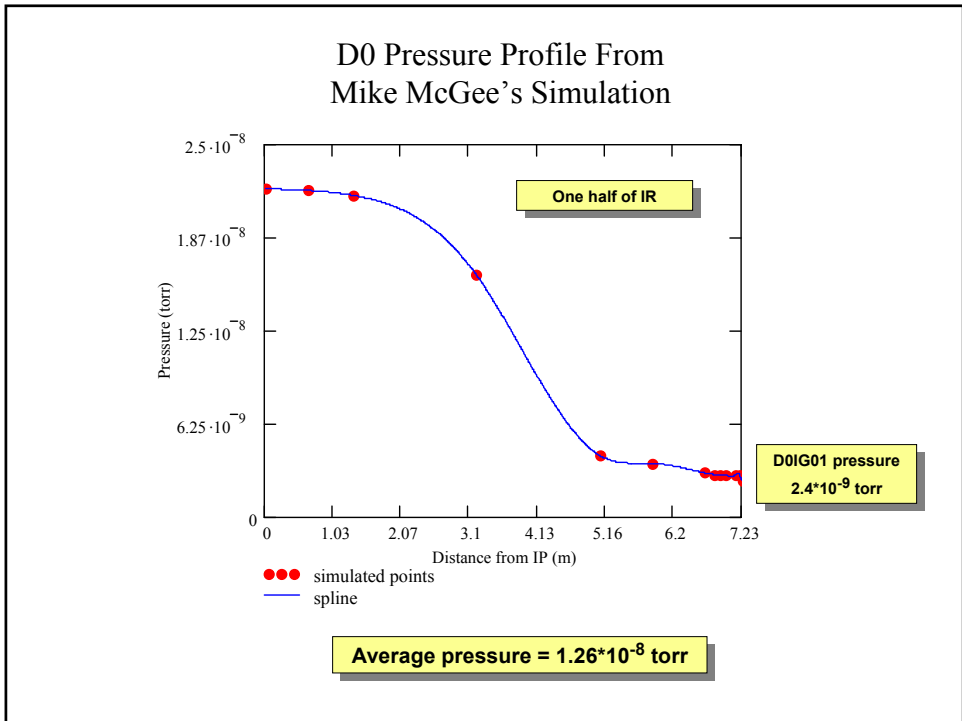
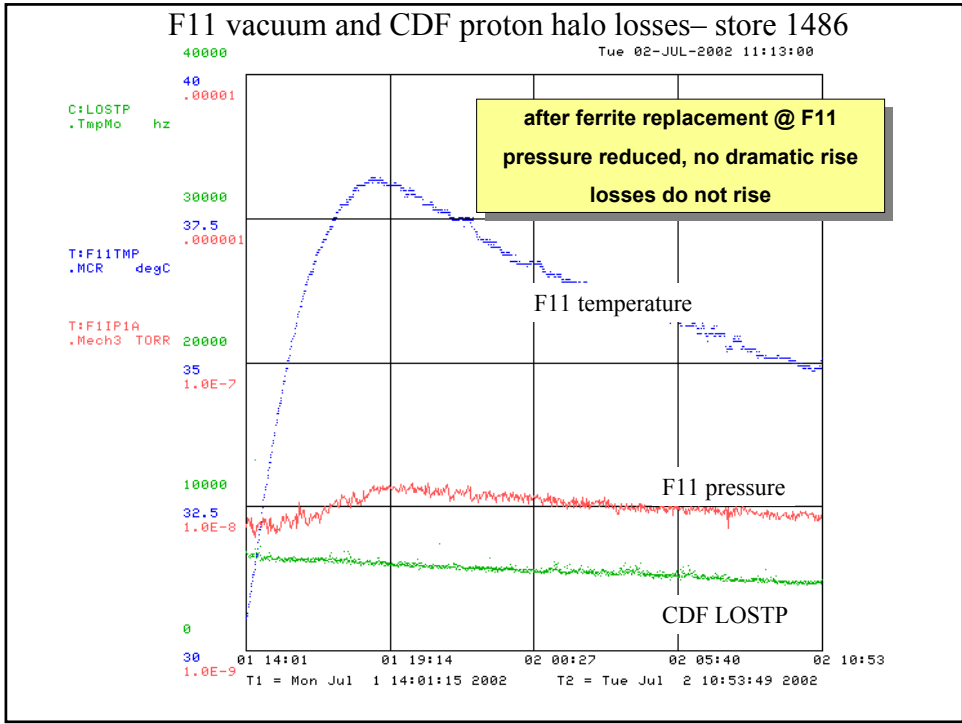


Vacuum at F11 and the Interaction Points

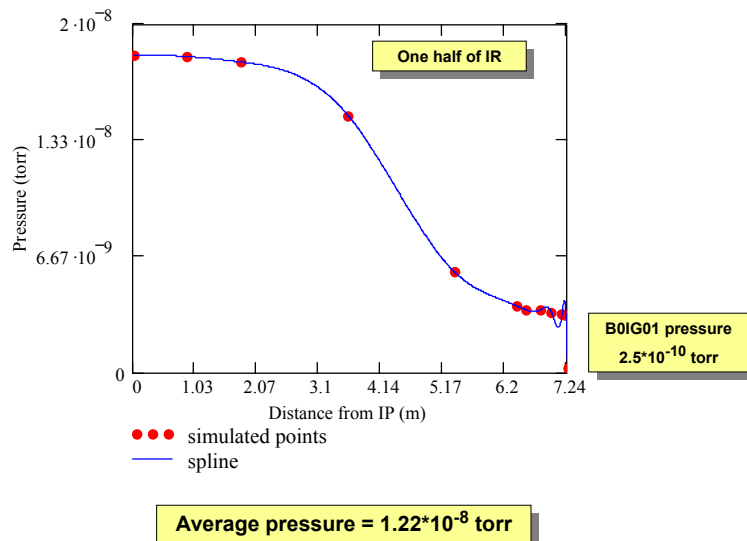
Ron Moore
FNAL

TeV Halo Meeting – 3 July 02

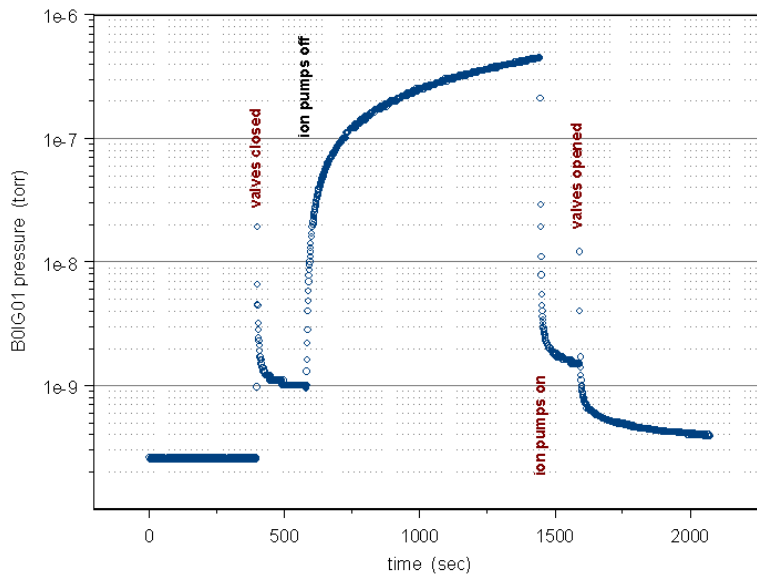


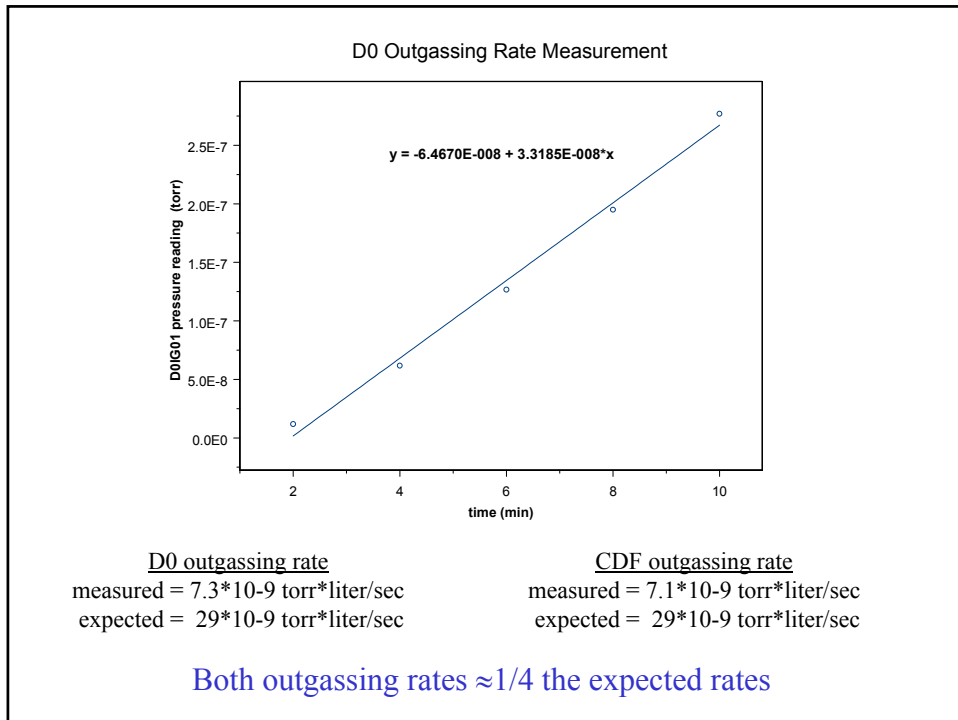


CDF Pressure Profile From Mike McGee's Simulation



CDF Outgassing Measurement





- ## Summary
-
- Replacing ferrite rods improved vacuum @ F11 and eliminated CDF proton loss bump
 - Expected average pressure @ IPs $\approx 1.2 \cdot 10^{-8}$ torr
 - But, measured outgassing rates are $\approx 1/4$ expected
 - Models are being reexamined
 - Vacuum at IPs likely better than initially believed
 - IPs are not “hot spots” of poor vacuum
-
- | | | |
|-----------|-----------------|---|
| 23 May 02 | R. Moore - FNAL | 8 |
|-----------|-----------------|---|

Proton halo over past 4 months Tue 02-JUL-2002 10:27:12

Proton loss rates from experiments divided by narrow-gate intensity

C:D0PHTL
ArkIv Hz

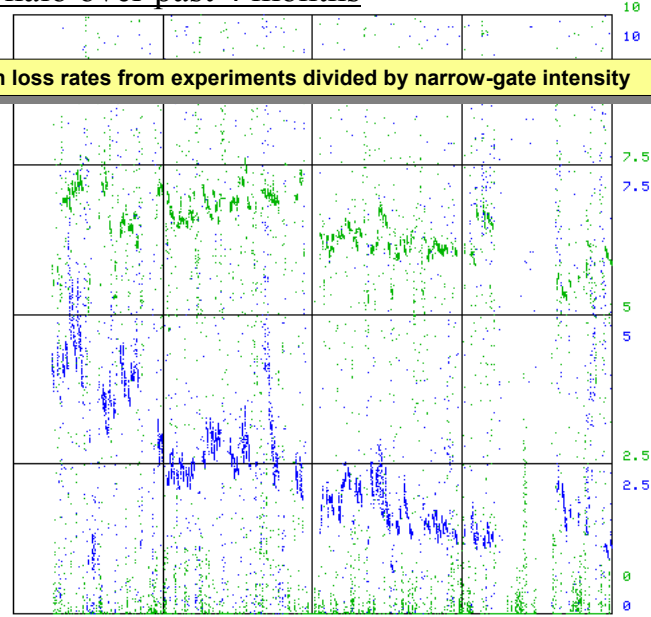
D0

✓C:FBIPNG
.ArkIv 1E09

C:L0STP
ArkIv hz

CDF

✓C:FBIPNG
.ArkIv 1E09



01 Fr 11 Mo 17 We 25 Sa 01 Mo
T1 = Fri Feb 1 23:59:00 2002 T2 = Mon Jul 1 23:59:00 2002