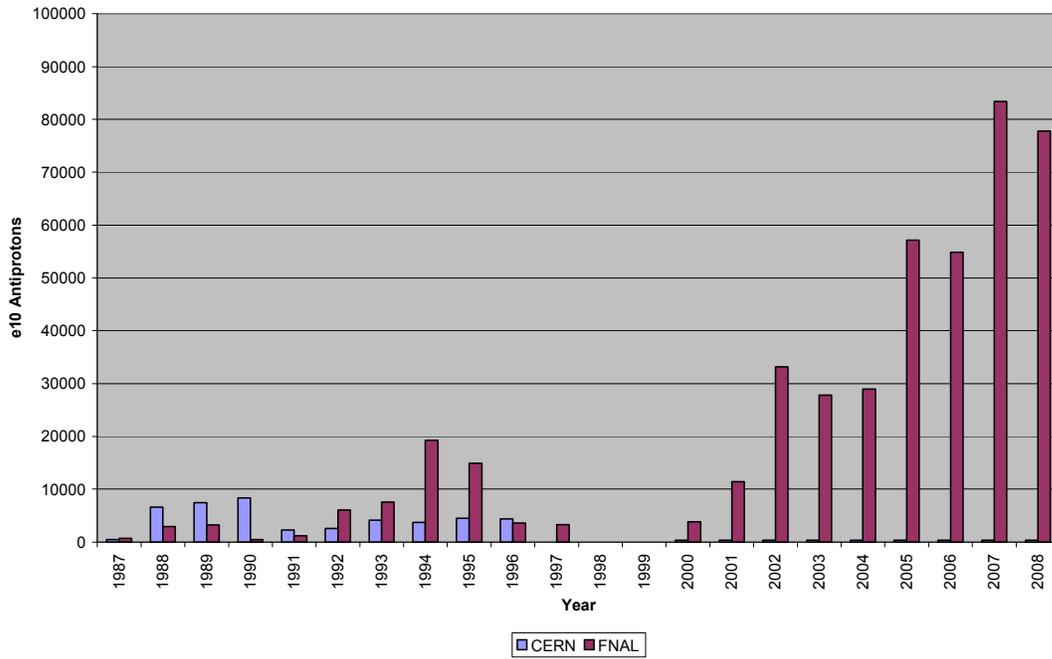


- Noticeable problems
 - VSA in a funny state
 - Stacktail filter positions. Have to move Leg 2, but not Leg 1.
- Debuncher Momentum Studies Tuesday
 - <http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pbar08&action=view&page=335&load=>
- IB7
 - <http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pbar08&action=view&page=337&load=>
 - Welded flag melted off due to lose connection?
 - Upper Klions were not connected.
 - Magnet was changed in 2001.
- Target station work
 - Di cartraige changed
 - Flow turbine stalled, may need to change to a 1/2" turbine
 - Added water to lens water skid.
 - Worked on AC unit
- Tunnel tours.
 - Iceballs
- Bernie, Mark and Dave took a look at movable stands. D:MV201U was a little bit sticky going up. We added lubrication to the vertical slides and slowed the pulse rate down from 300 to 150 steps/sec. D:MV201D was running fine but only the aisle side vertical drive screw was turning. The wall side coupler had a loose set screw. We matched the screw extension by eye and tightened the set screw. Movement is smooth up and down. Need to look at centering this tank again.
- DRF1
 - Continue to have weak Pas.
 - Commissioning
 - Manufacturer moved
 - Longevity: tubes used to last longer.
 - DC vs Pulsed tubes? Normal tube is only 10KV, pulsed tube goes to 15KV.
 - Test stand: could we have a test stand to condition the tubes?
 - Operational tuning of system
 - Pinch off, once a month or if replace a tube.
 - Cant adjust phase unless we are at full power.
 - Tuesday replaced drf1-4 and drf1-7 PA.
 - Now at 4.6MV
 - Apparent "random" beam phase with RF
 - \$12K for pair, four month lead time.
- Keith vacation - August 2 - 18th.

Yearly Production



• Close to most antiprotons in a calendar year....