

The COT HV Current Ratios as a function of time.

The following plots show the effects of aging in the COT and its current status. Shown is the ratio of the current in SL2 to SL8 for sense wire 3. SL8 has shown very little aging in the past. The first plot shows the ratio at the end of March 2004 when the effects of aging were largest and SL2 currents were reduced by about 25%. The second plot shows the ratio for the middle of August 2004 just before the shutdown (with SL2 gain recovered). The next 4 plots show the ratio for time periods through the end of February 2005. Other sense wires show similar behavior. The gain appears to be relatively constant with the variations being of order of 1%.

