

CDF/D0/AD Luminosity Task Force meeting

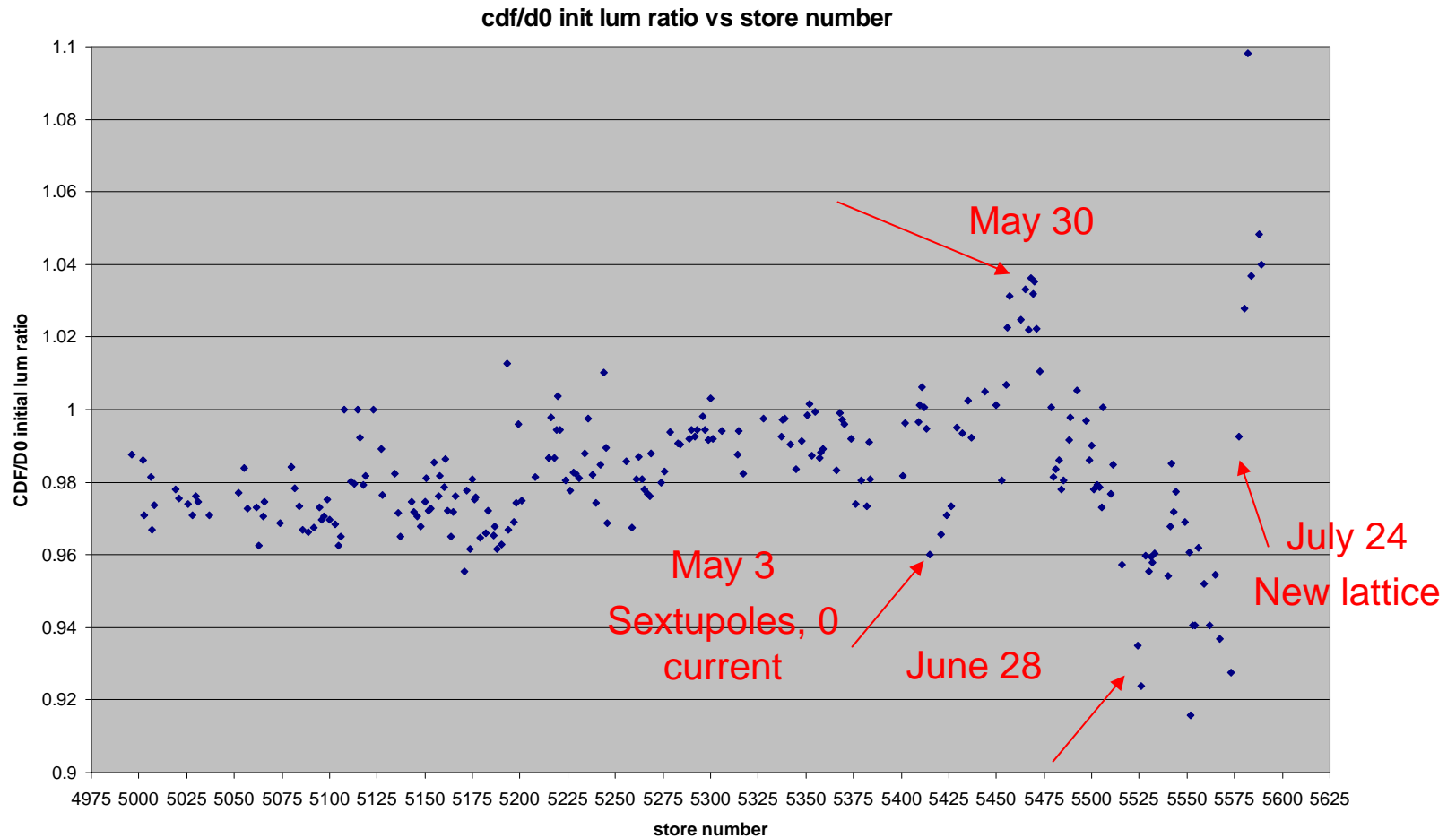
Vaia Papadimitriou

CDF/D0 luminosity ratio, specific luminosities and measured vs expected luminosities

August 1, 2007

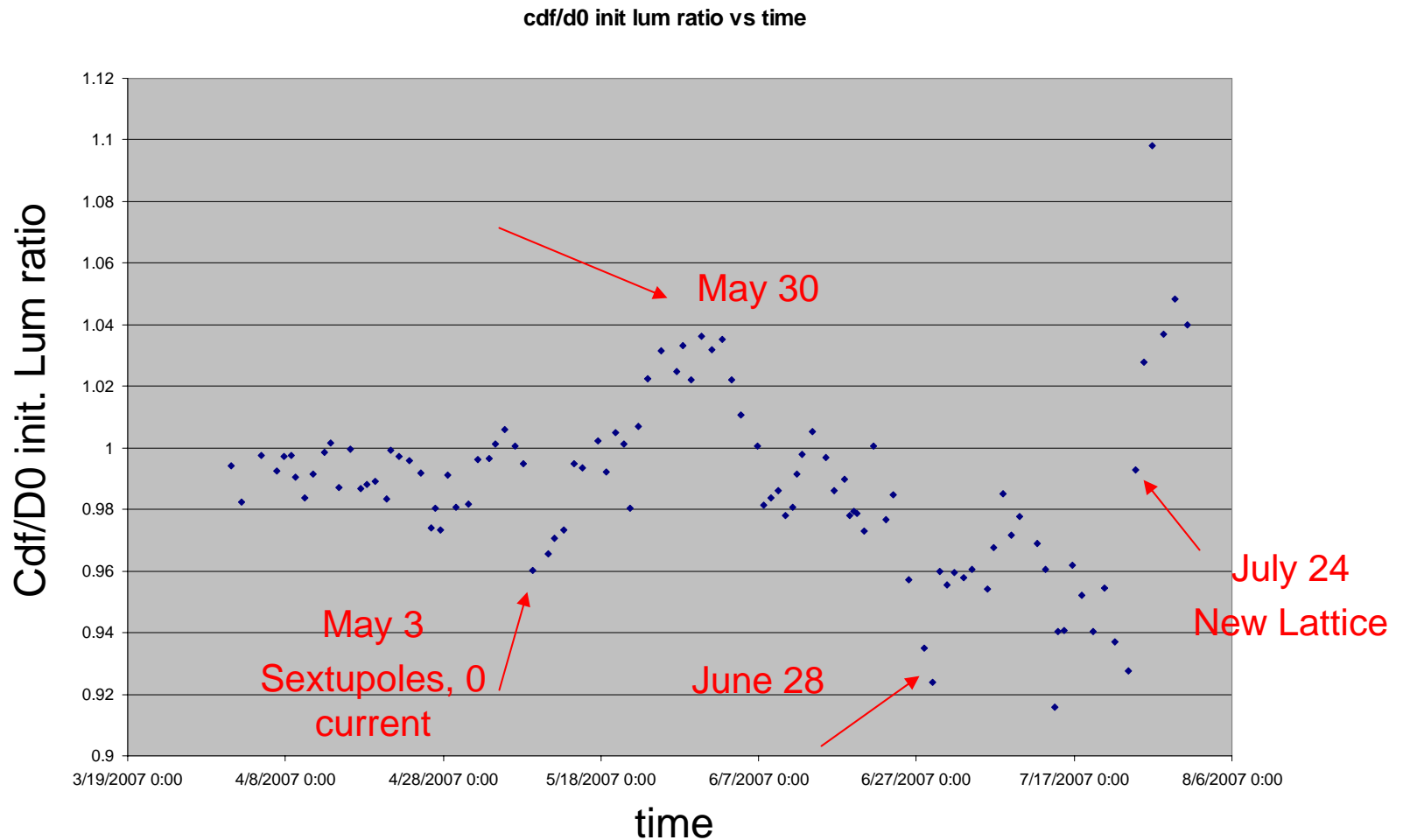
CDF/D0 initial luminosity ratio

October 1, 2006 - July 31 2007



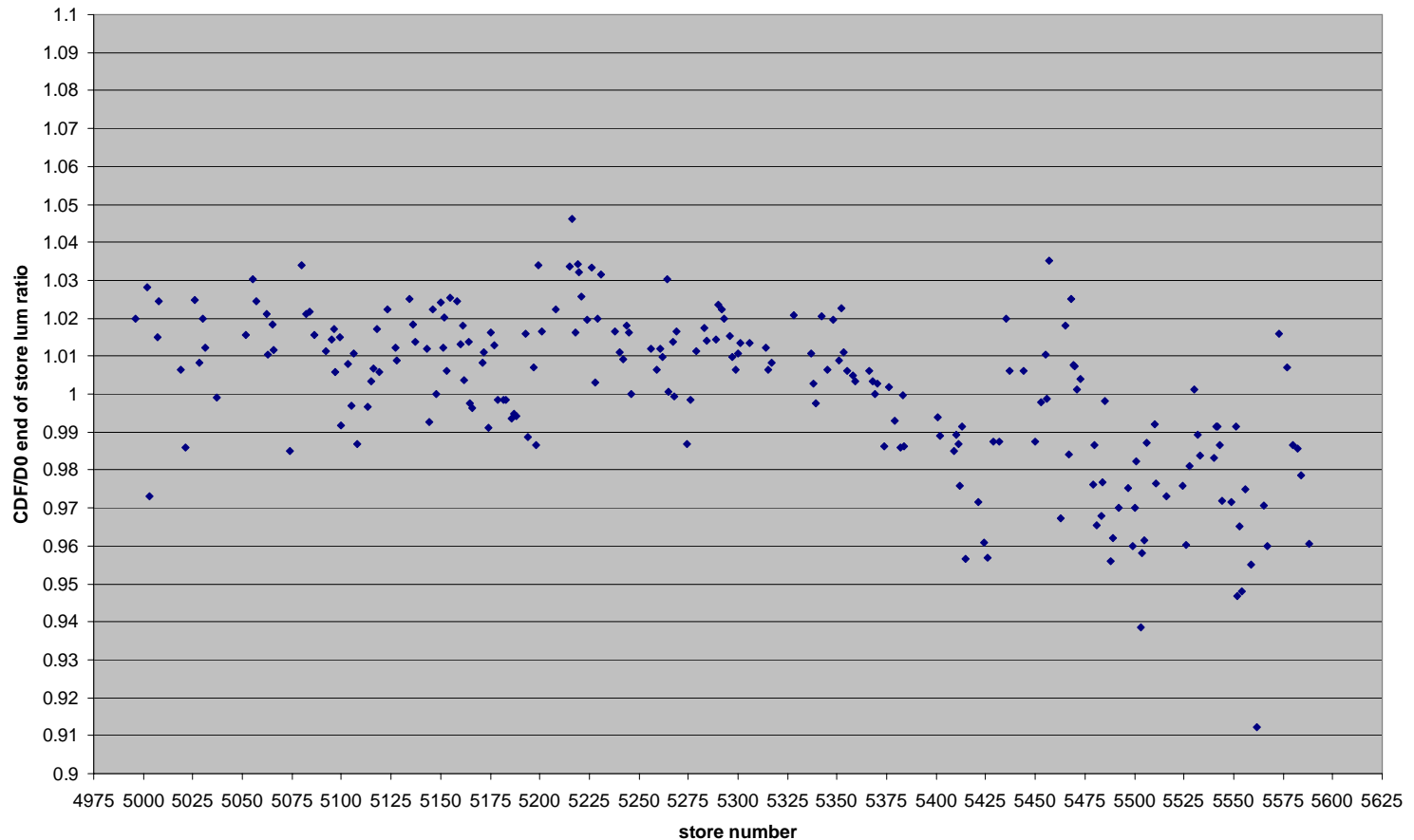
CDF/D0 initial luminosity ratio

April 1, 2007 - July 31 2007



CDF/D0 end of store luminosity ratio October 1, 2006 - July 31, 2007

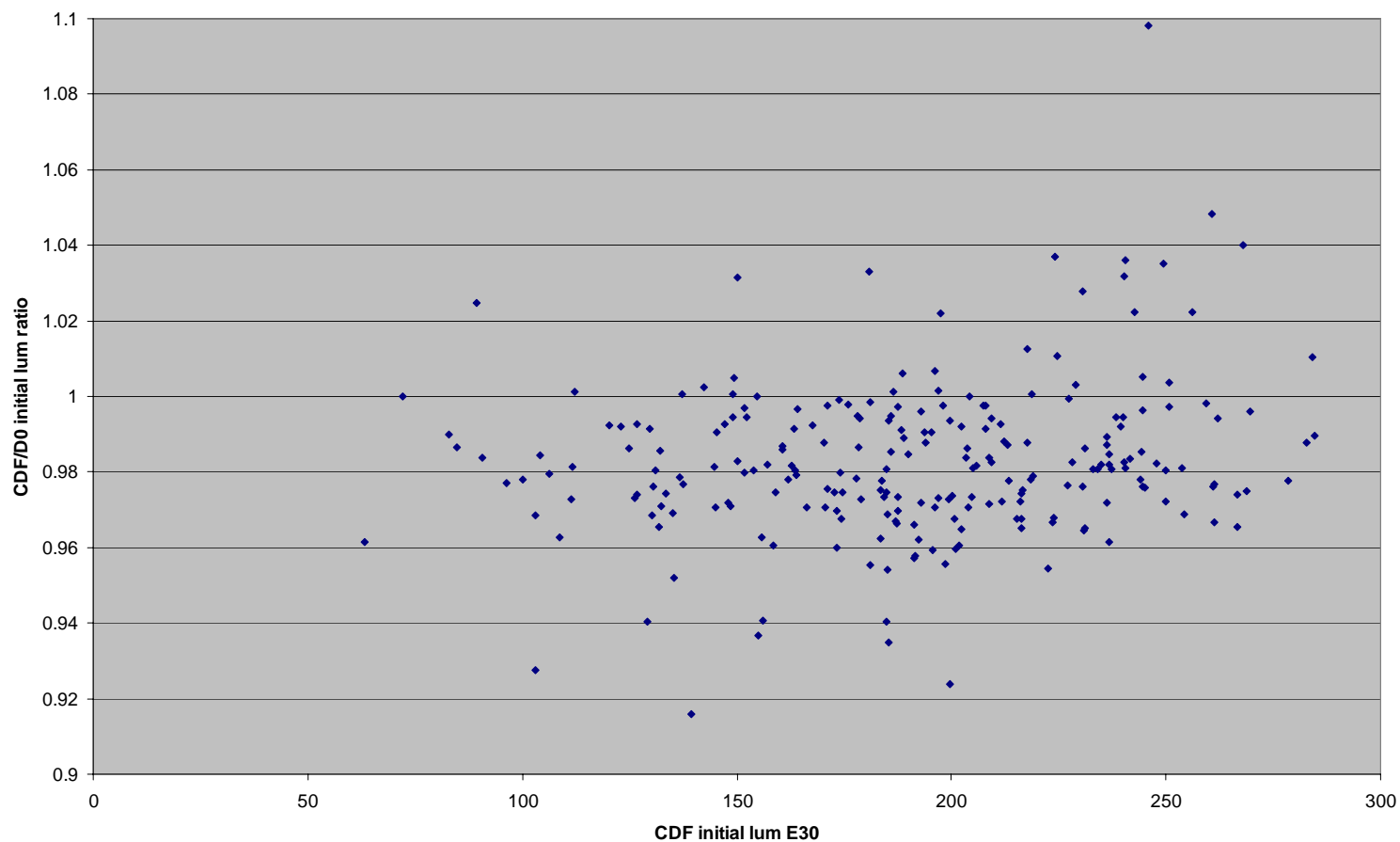
cdf/d0 end of store lum ratio vs store number



CDF/D0 initial luminosity ratio vs CDF initial luminosity

October 1, 2006 - July 31, 2007

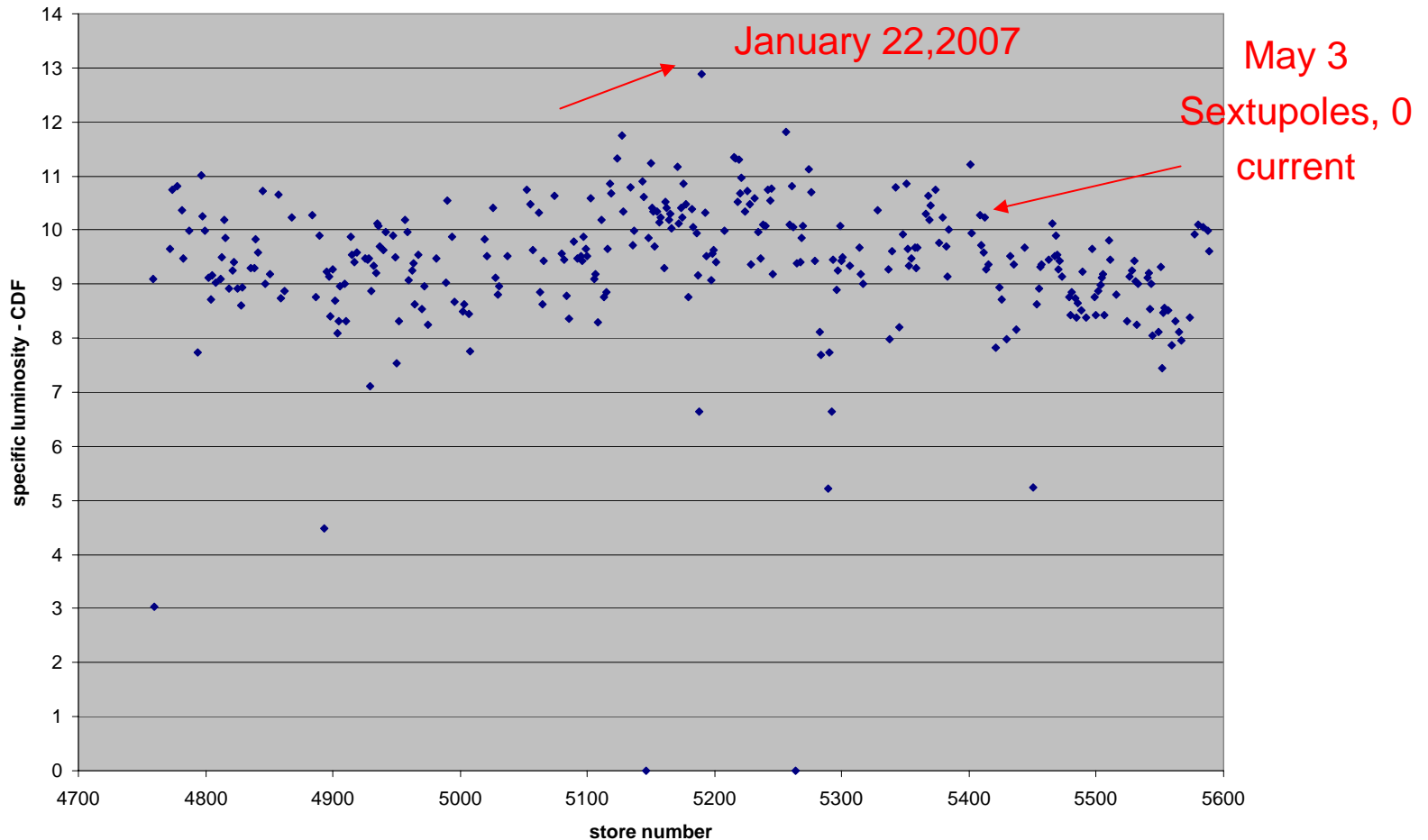
cdf/d0 init lum ratio vs CDF initial lum



Specific luminosity –CDF (lum/product of proton and pbar intensities)

June 12, 2006- July 31, 2007

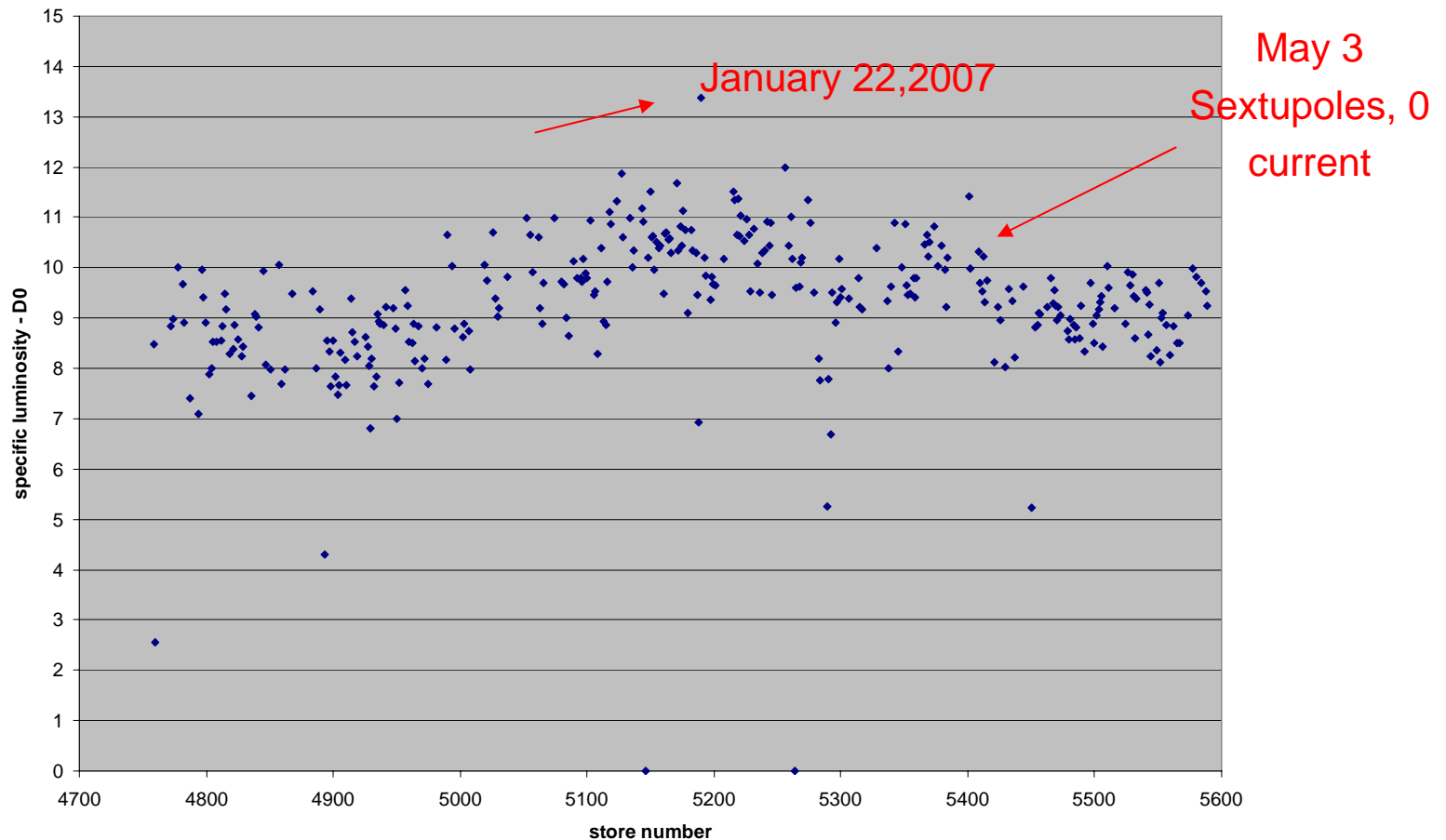
specific lum CDF vs store number



Specific luminosity – D0 (lum/product of proton and pbar intensities)

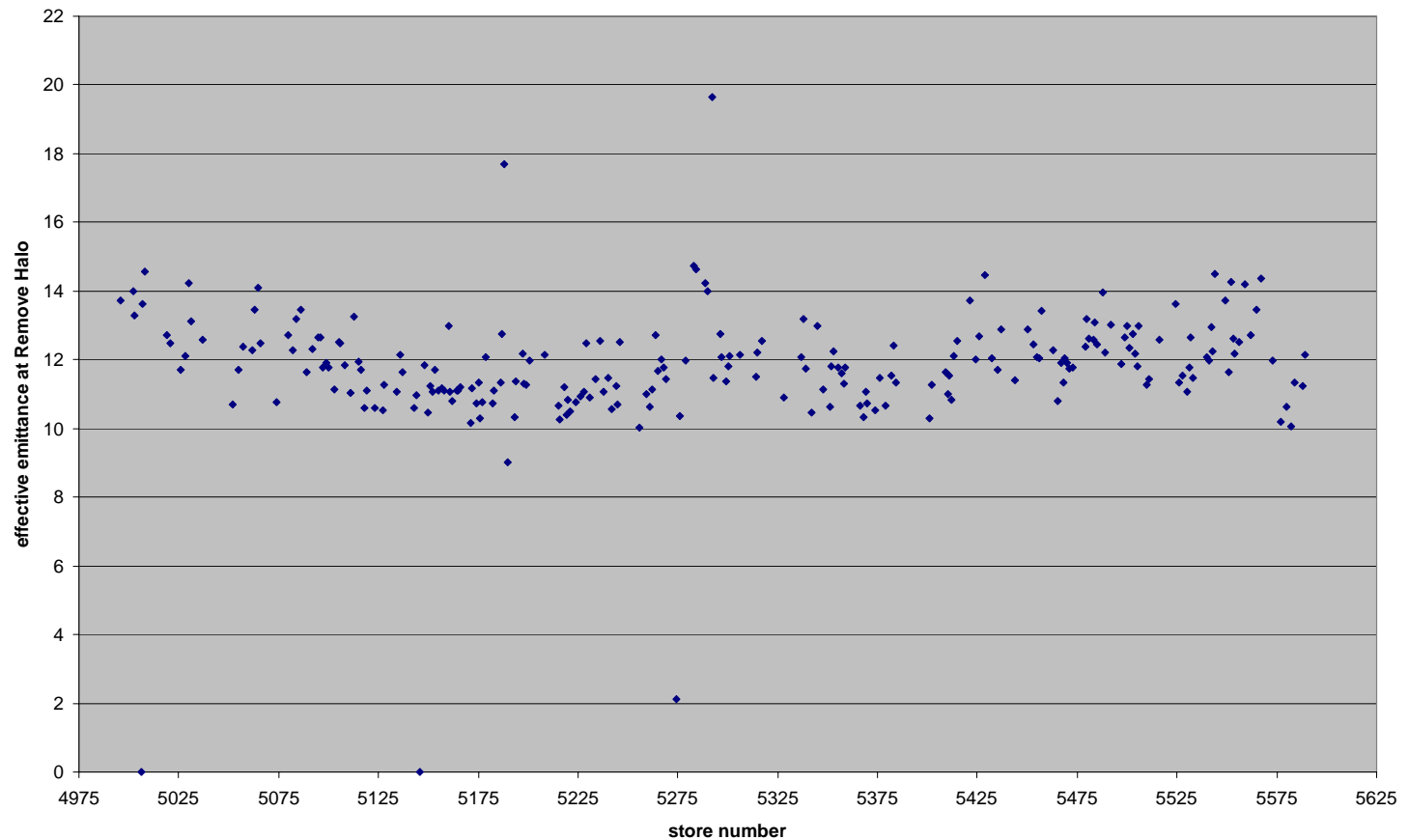
June 12, 2006- July 31, 2007

specific lum D0 vs store number



Measured effective emittance at Remove Halo October 1, 2006 - July 31, 2007

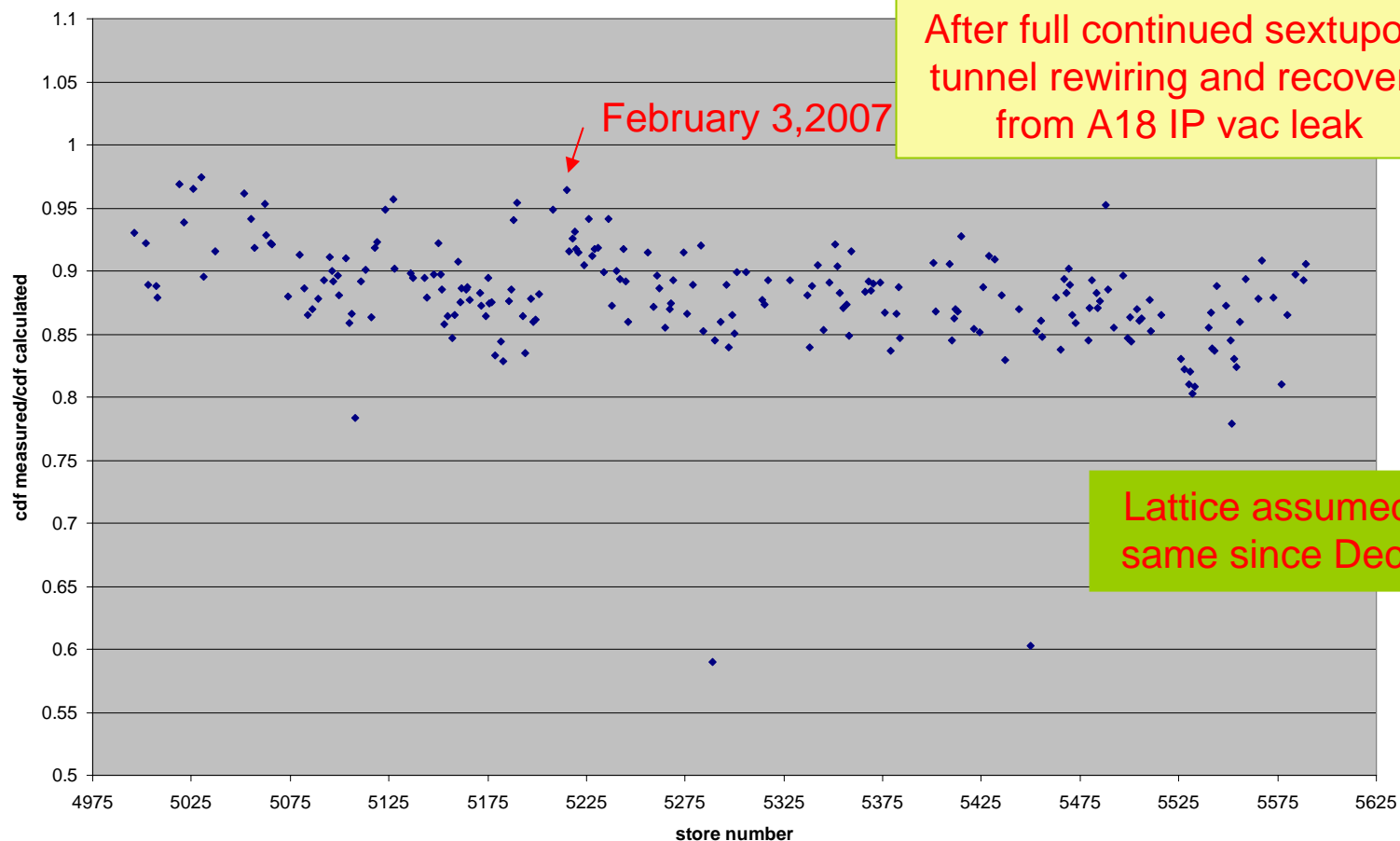
108 Effective emitt from emittances (pi-mm-mrad) vs store number



CDF measured over calculated initial luminosity ratio

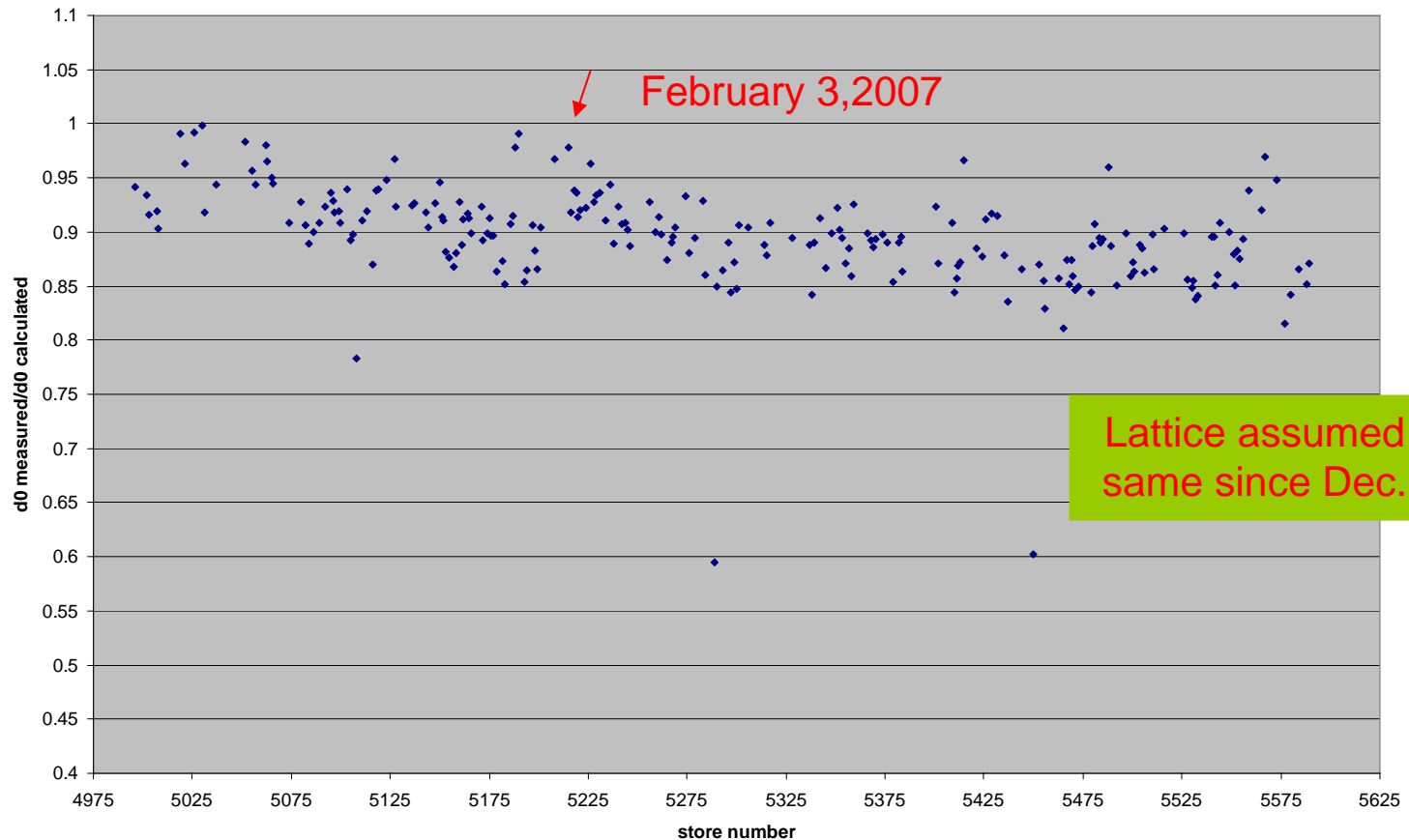
October 1, 2006 - July 31, 2007

cdf measured /cdf calculated vs store number



D0 measured over calculated initial luminosity ratio October 1, 2006 - July 31, 2007

d0 measured/d0 calculated vs store number



Lattice assumed to be the same since Dec. 10, 2005