



New Conditioning Information for the Amorphous and Diamond-Like Carbon Coatings

– Added 9/30 data to DLC conditioning curves --

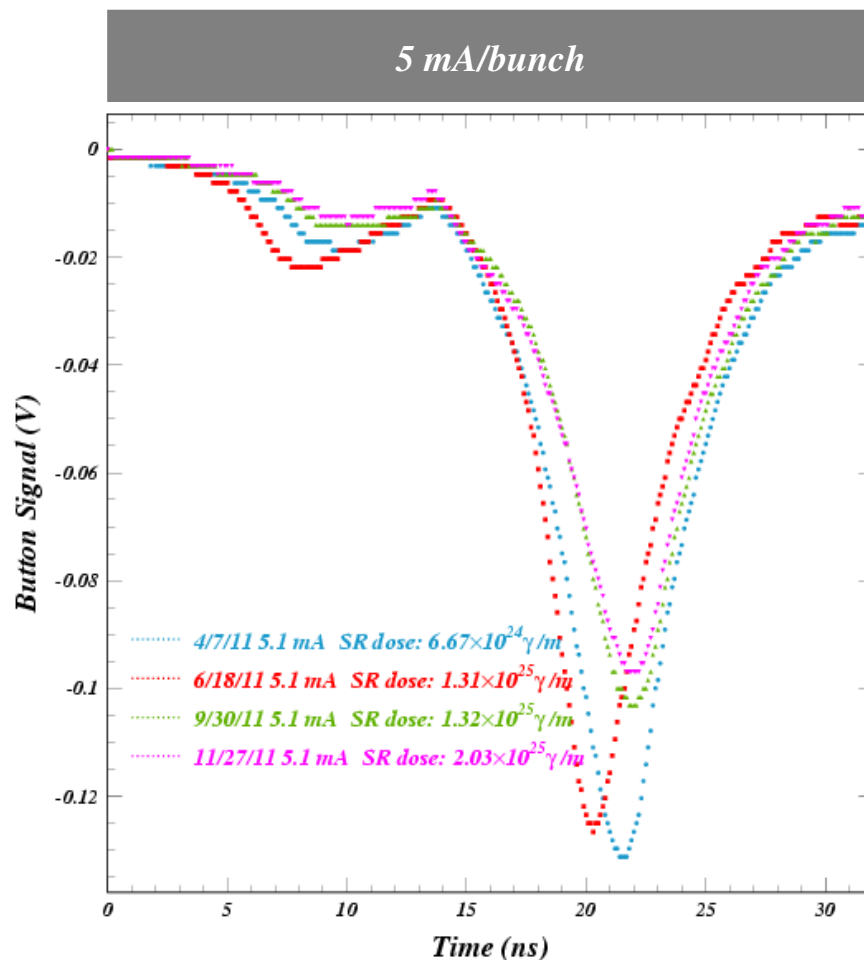
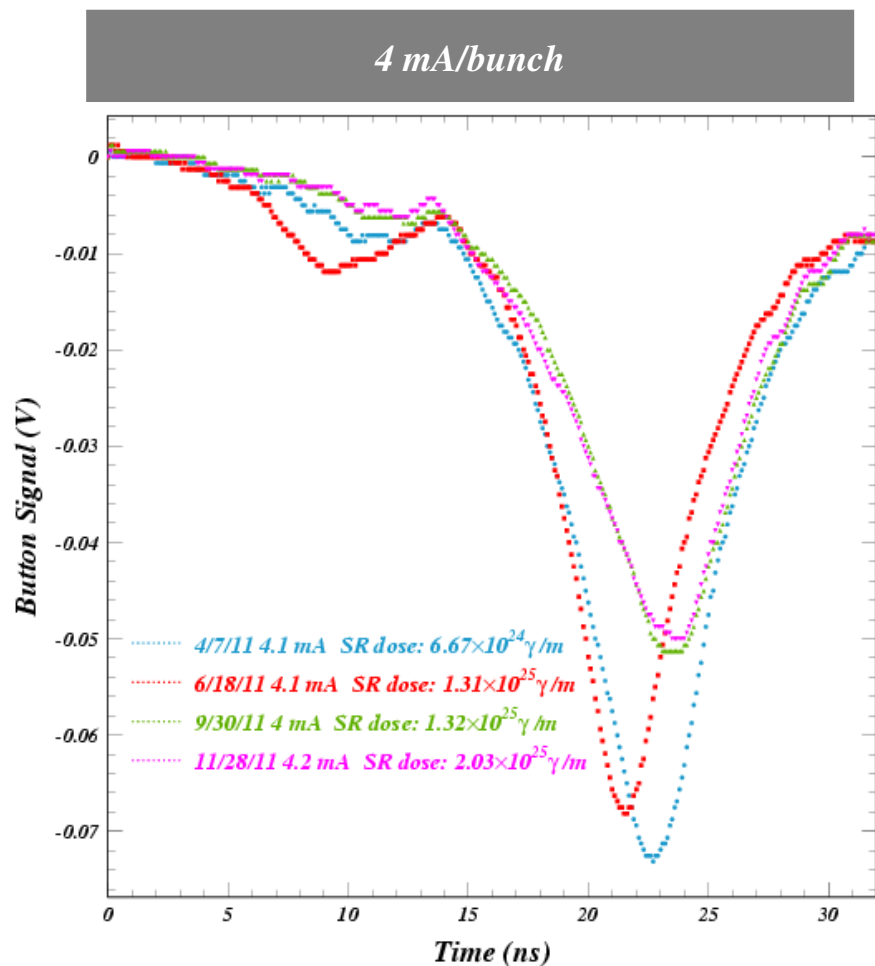
Jim Crittenden

Cornell Laboratory for Accelerator-Based Sciences and Education

Electron Cloud Meeting

30 November 2011

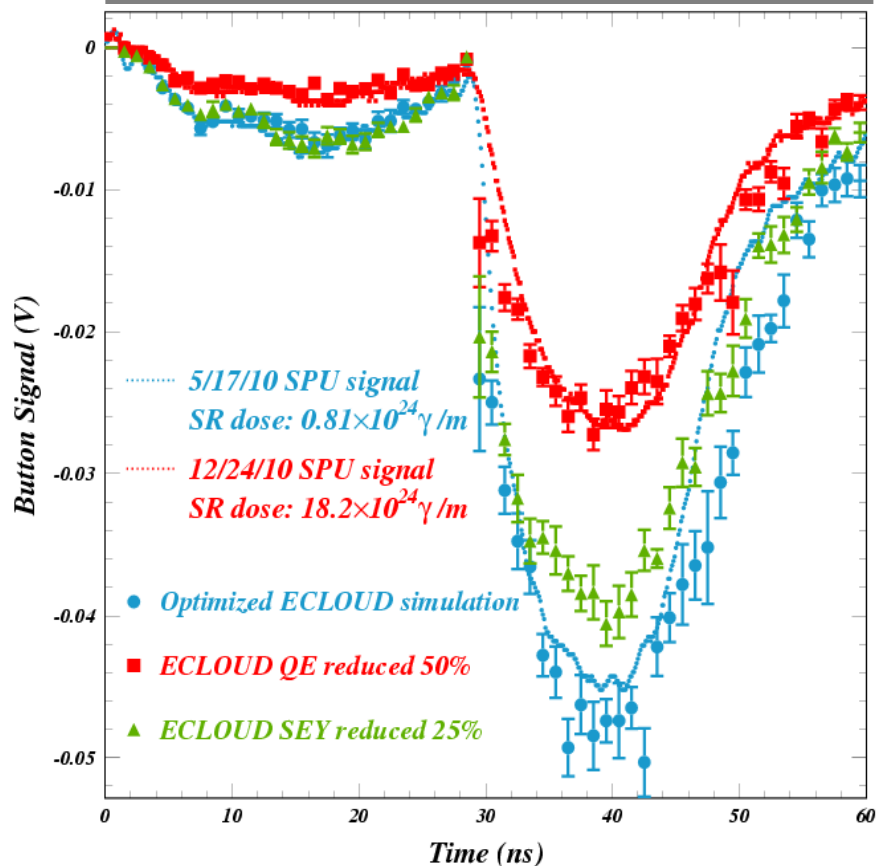




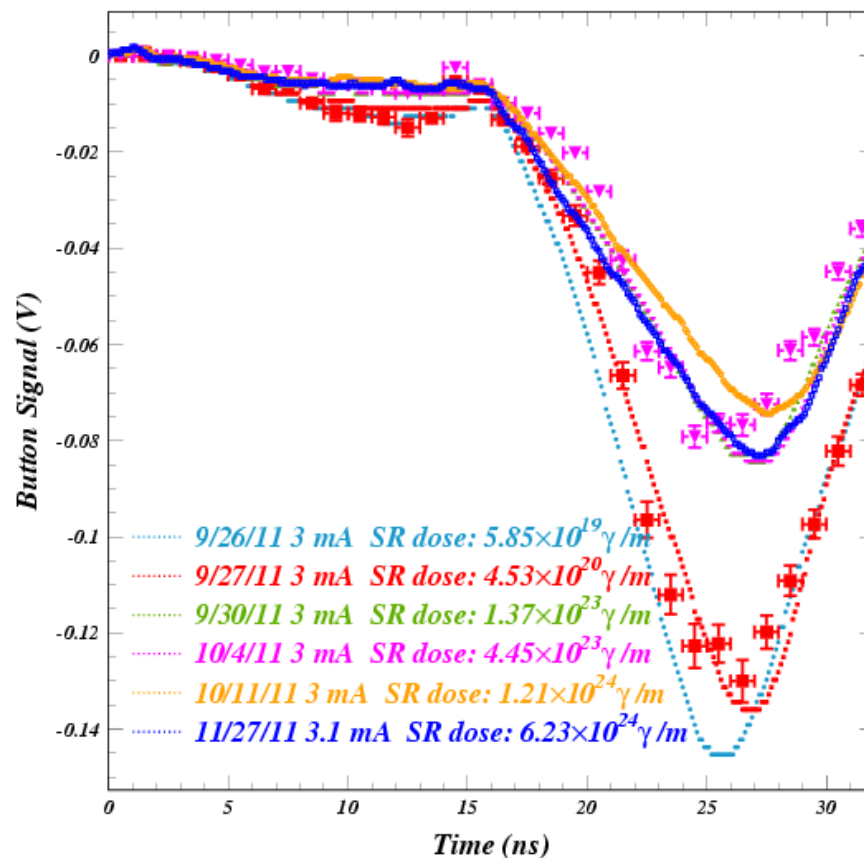
The trend toward higher energy photoelectrons has reversed. Why? Is the June data anomalous?
The secondary yield does not appear to be decreasing much.



IPAC11 3 mA/bunch 15E



Abstract for IPAC 12 3 mA/bunch



Conditioning appears to have stabilized if the 10/11/11 measurement is presumed anomalous.

Steven Santos has shown that the early conditioning is a change in quantum efficiency, as for the late conditioning.