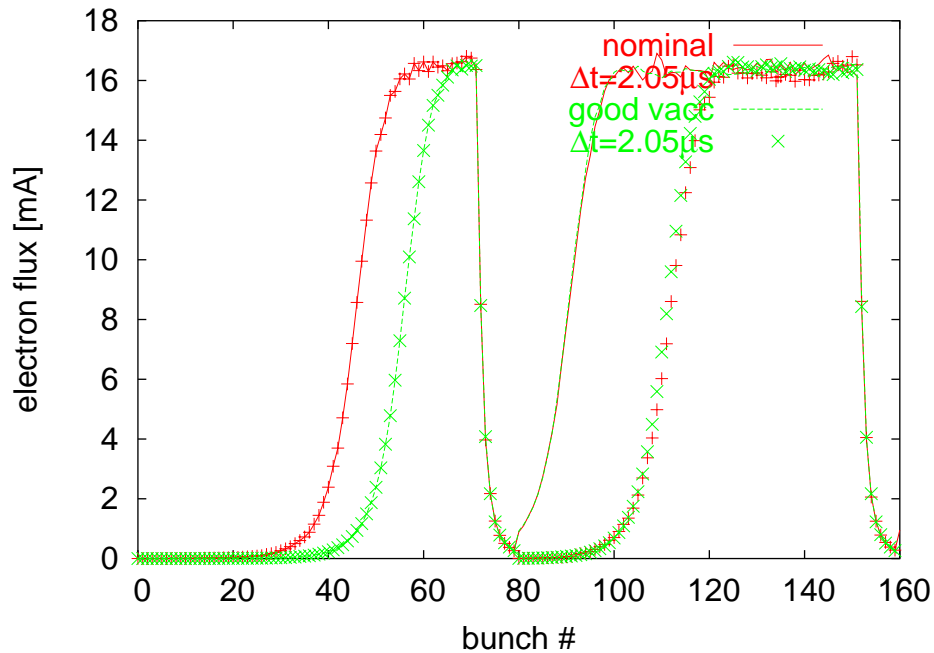


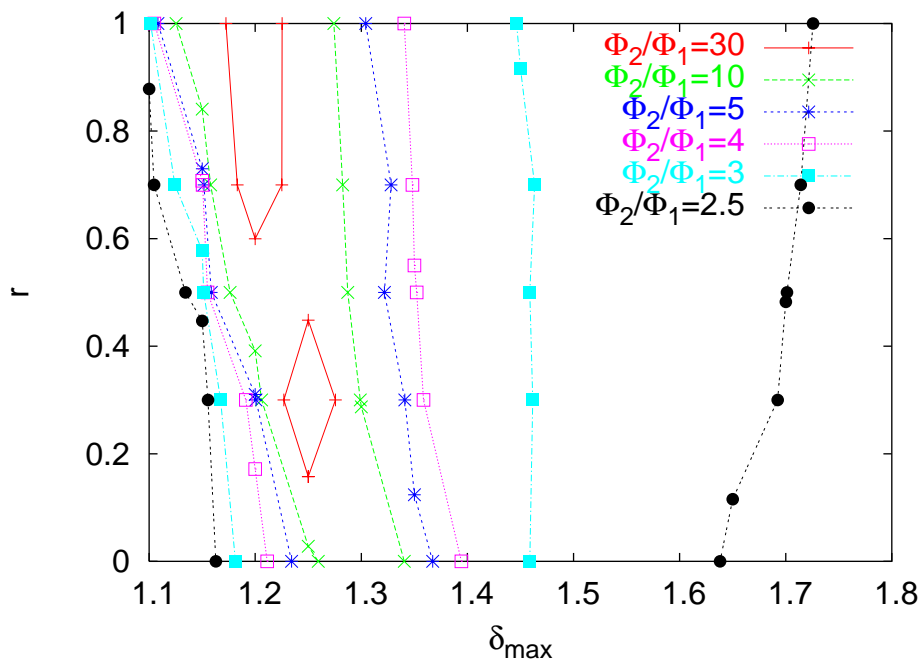
Measurement Strategy



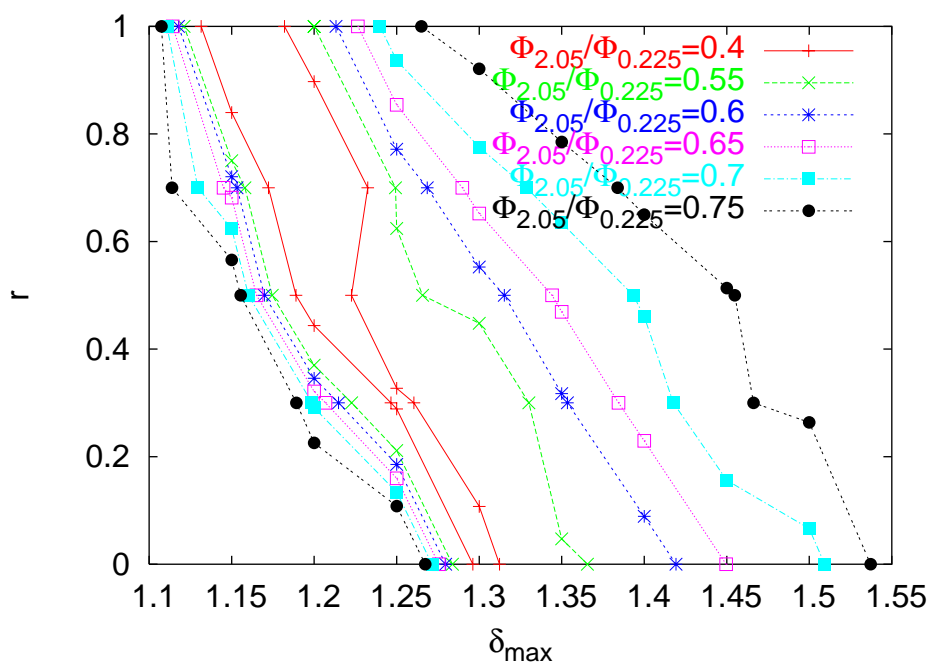
- Surface conditions at time of measurement are uncertain
 - secondary emission yield
 - reflectivity
 - Some uncertainty in detector efficiency
 - try to measure very low energy electrons
- ⇒ Attempt to constrain surface at time of measurement more
- ⇒ Change distance between batches
- ⇒ Try to use relative measurements

Relative Measurements

Flux for one vs two batches ($\Phi_2/\Phi_1 = 4$)

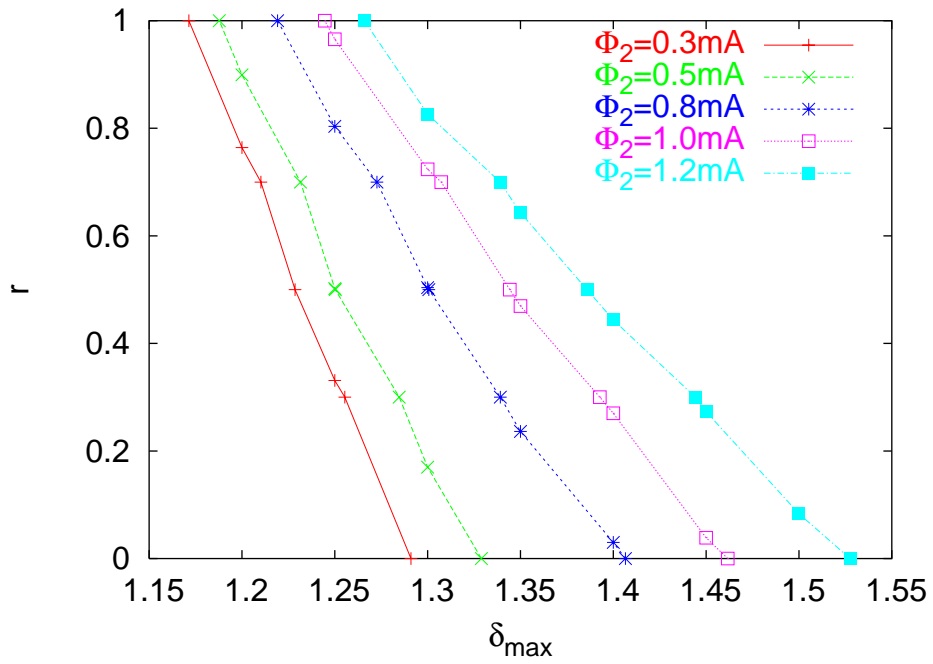


2.05 μs vs 0.225 μs spacing ($\Phi_{2.05}/\Phi_{0.225} = 0.65$)

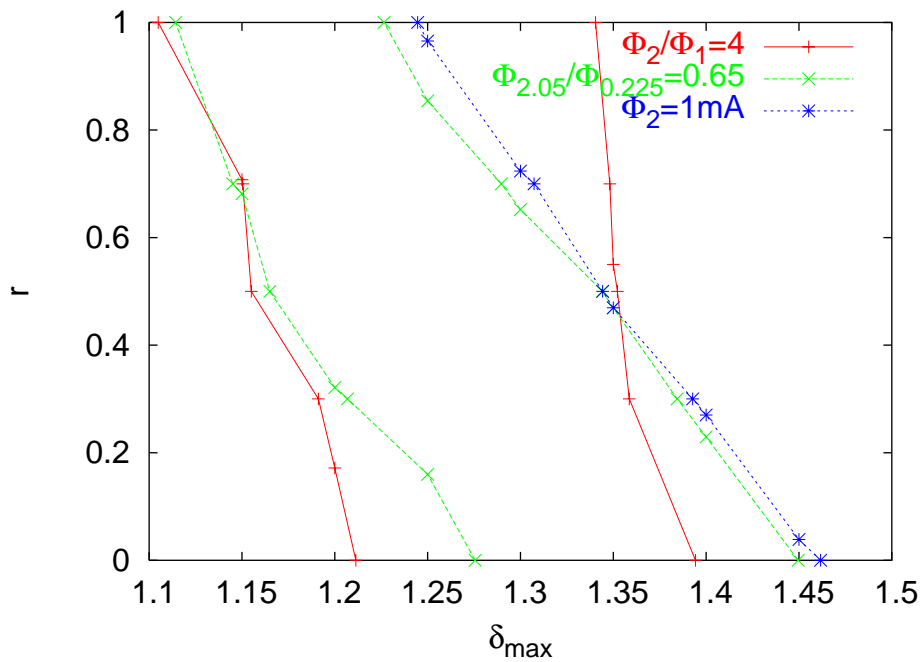


Full Results

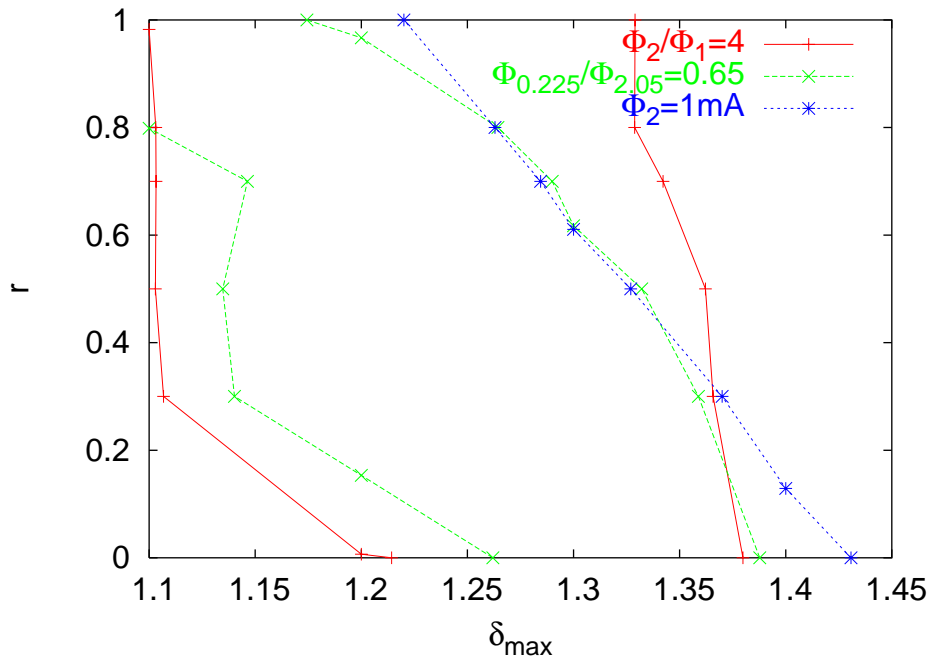
Flux measurement $\Phi_2 = 1\text{mA}$



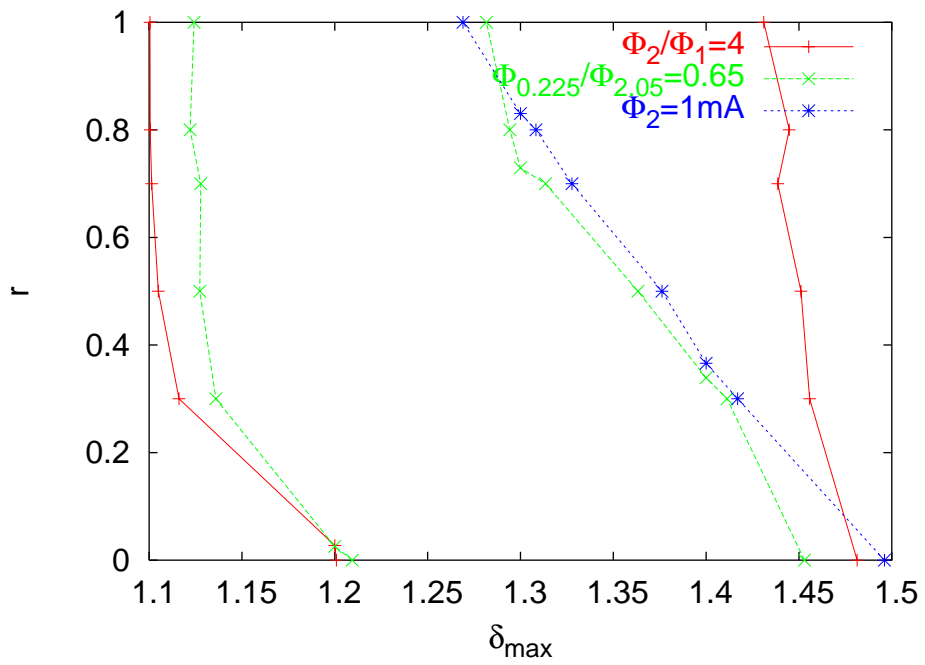
Combined results



Lower charge



Better vacuum



Cut at 10eV/c electron vertical momentum

