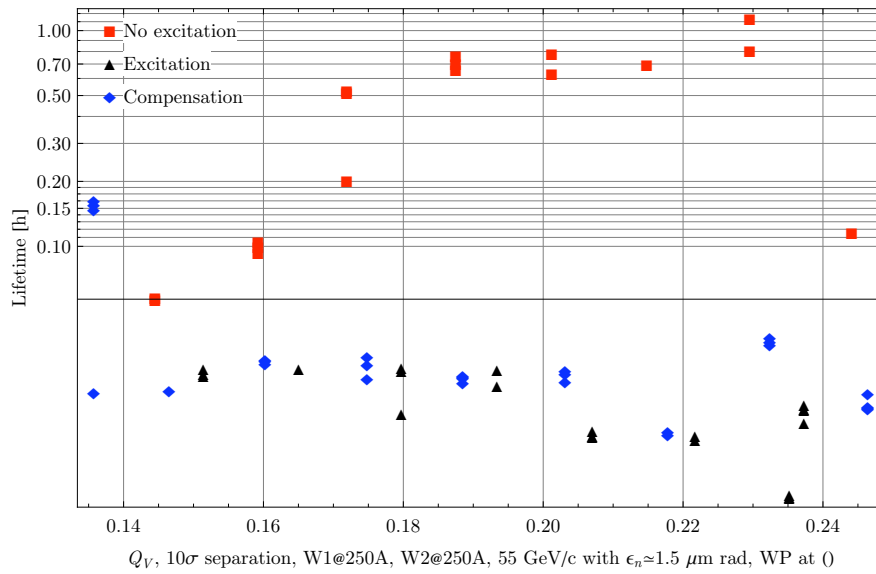


1. Compensation experiment (7 July 2009)

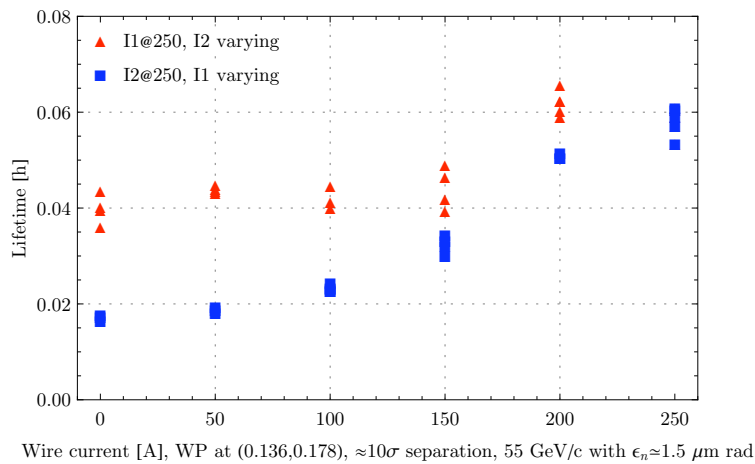
- *Post-processing*
- *Compensation 250+250 at $\approx 10\sigma$*
- *Wire off at 10σ*
- *W1 at 250 and W2 off at 10σ*
- *Results*



2. Compensation (8 July 2009)

In the morning we studied compensation again.

- *Post-processing*
- *Results*



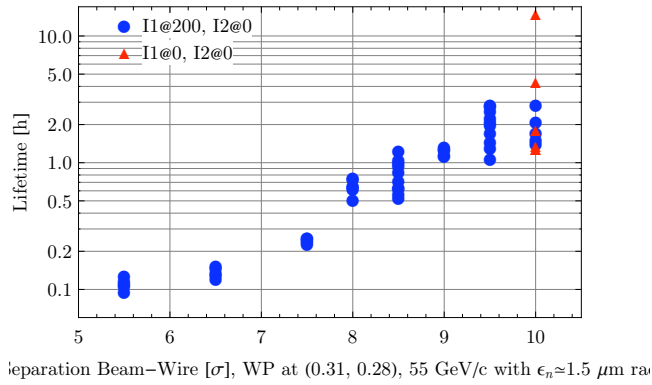
From the previous plot an asymmetry appears for $I=0$: this can be due to a different separation or to the different sign of the ΔQ . For investigating we tried to invert the polarity of one of the two wires but we did not managed.

In the afternoon we prepared the emittance blowup (vertical damper exciting at the betatron frequency).

3. Excitation (9 July 2009)

□ *Distance scan at 200 A*

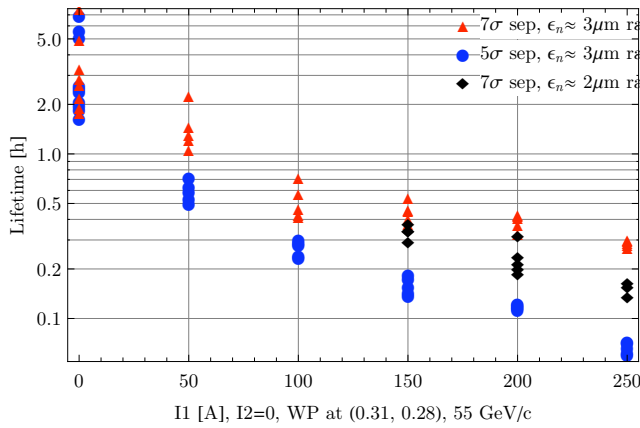
□ *Results distance scan*



□ *Current scan at 5 σ*

□ *Current scan at 7 σ*

□ *Results current scan*



4. Excitation (13 July 2009): current scan at 7 sigma with WP (0.31, 0.28)

Combined in the plot above.

