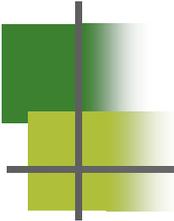

Beta* and s* measurements for ramp Au102

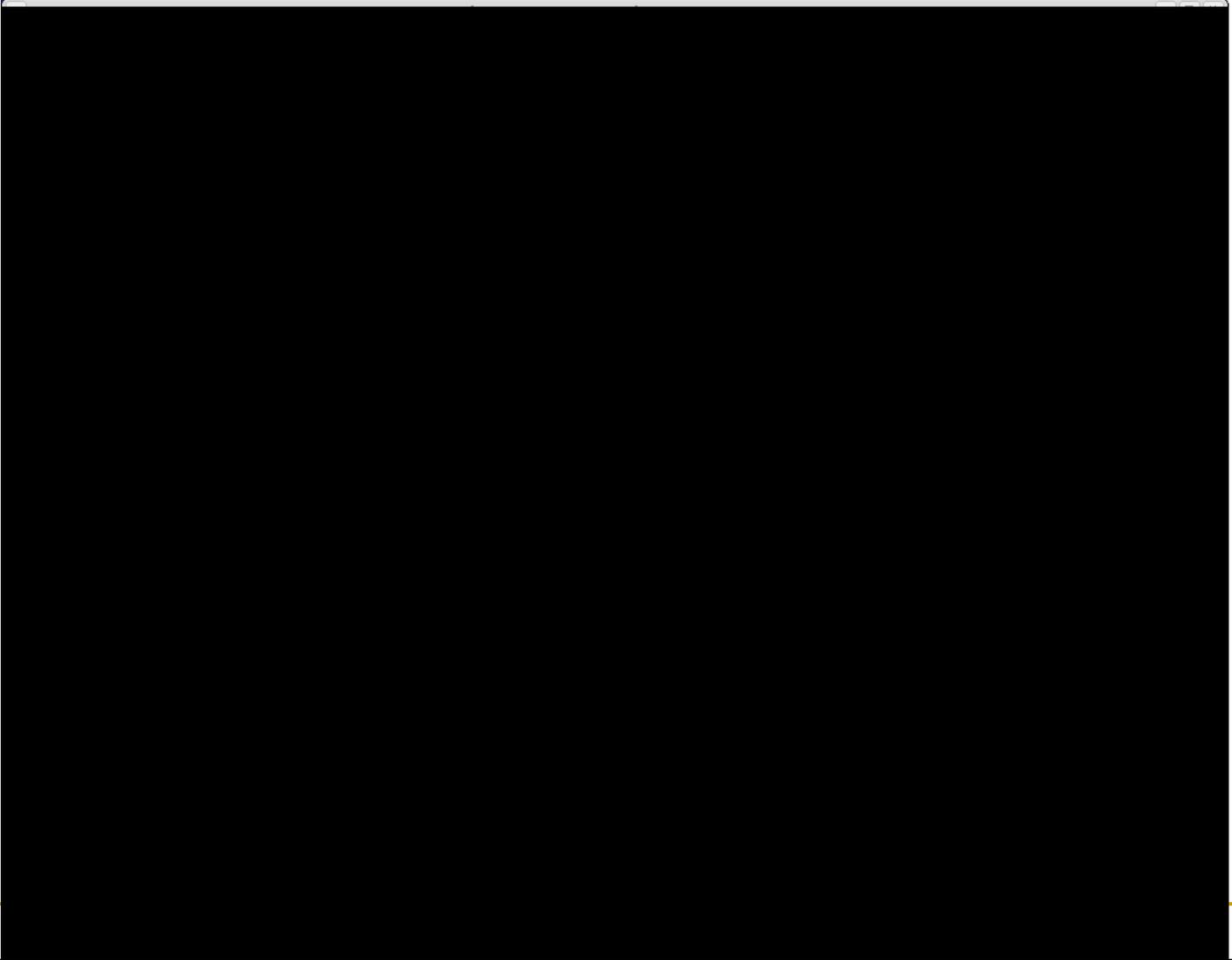
V.Ptitsyn

Blue beam BBQ tune measurements

(unexpectedly)



Yellow beam BBQ tune measurements



The results from the gradient variation measurements

Beam Experiment. January 6, 2010

| | Blue/Yellow | | | |
|-------------|-------------|-------------|------------|------------|
| | IR8 | | | |
| | IR6 H | IR6 V | IR8 H | IR8 V |
| β^*,m | 0.76/0.72 | 0.69/0.84 | 0.65/0.71 | 0.63/0.84 |
| s^*,m | 0.3/0.13 | -0.13/-0.04 | 0.06/-0.33 | -0.13/0.23 |

Accuracy: $\delta Q = 0.0001 \rightarrow \delta s^* = 16 \text{ cm}, \delta \beta^* \sim 0.01$