

BOLOGNA STATUS REPORT

November 08, 2018

- **Current Etching conditions: 5,5N KOH + 20% Alcohol denatured at 100% with 3% MEK at 45°C**

0 - 5h → $\langle v_B \rangle \sim 3,0 \mu\text{m/h}$

5 - 20h → $\langle v_B \rangle \sim 3,0 \mu\text{m/h}$

20 - 25h → $\langle v_B \rangle \sim 3,0 \mu\text{m/h}$

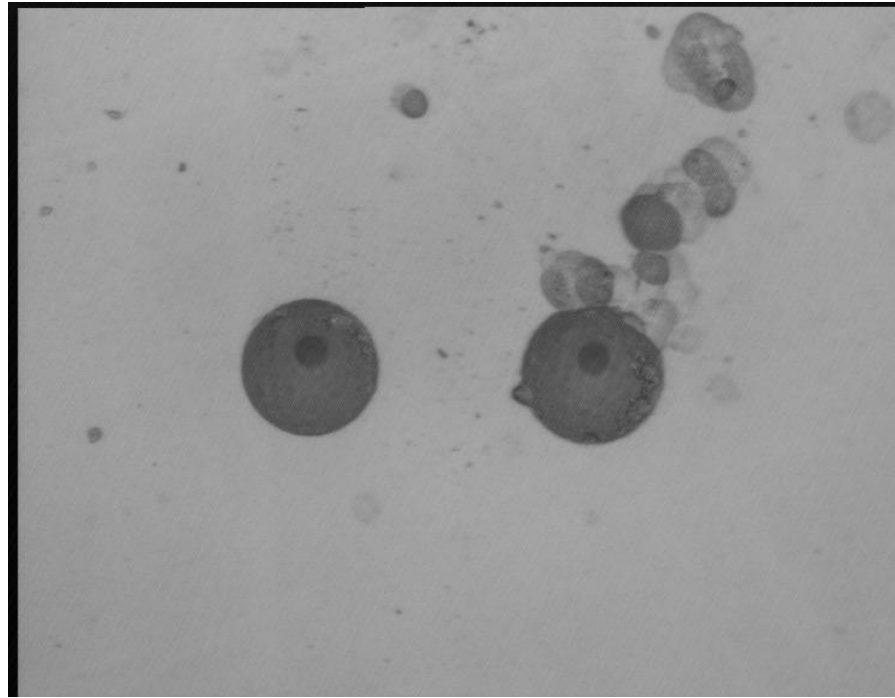
- **Before Etching conditions: 5,5N KOH + 20% Alcohol denatured at 94% with 1% MEK adding manually ~ 1,5% at 40°C**

0 - 5h → $\langle v_B \rangle \sim 2,8 \mu\text{m/h}$

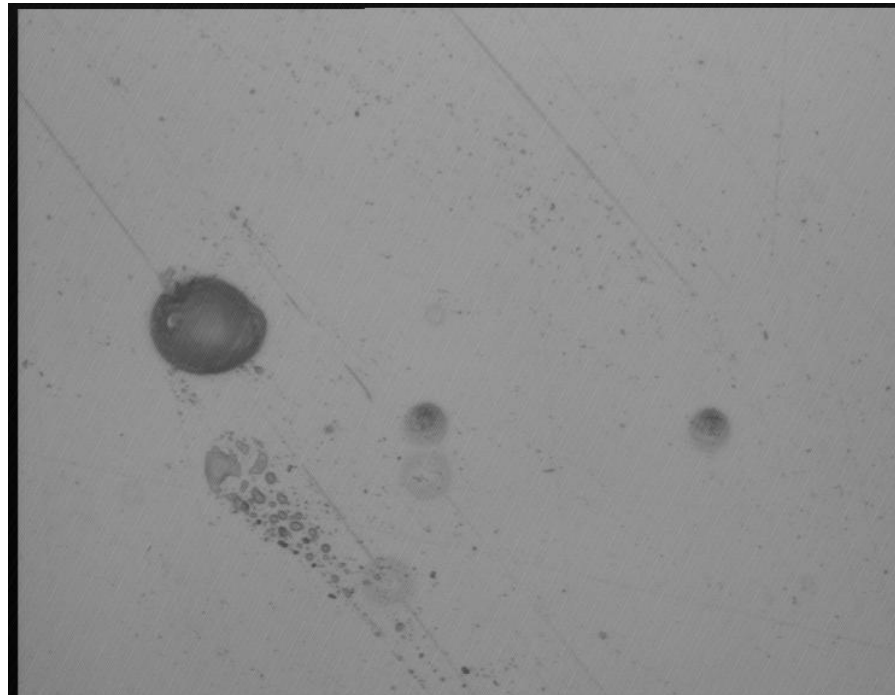
5 - 20h → $\langle v_B \rangle \sim 2,5 \mu\text{m/h}$

Makrofol exposed to Xe beam (2017) only, not at LHC

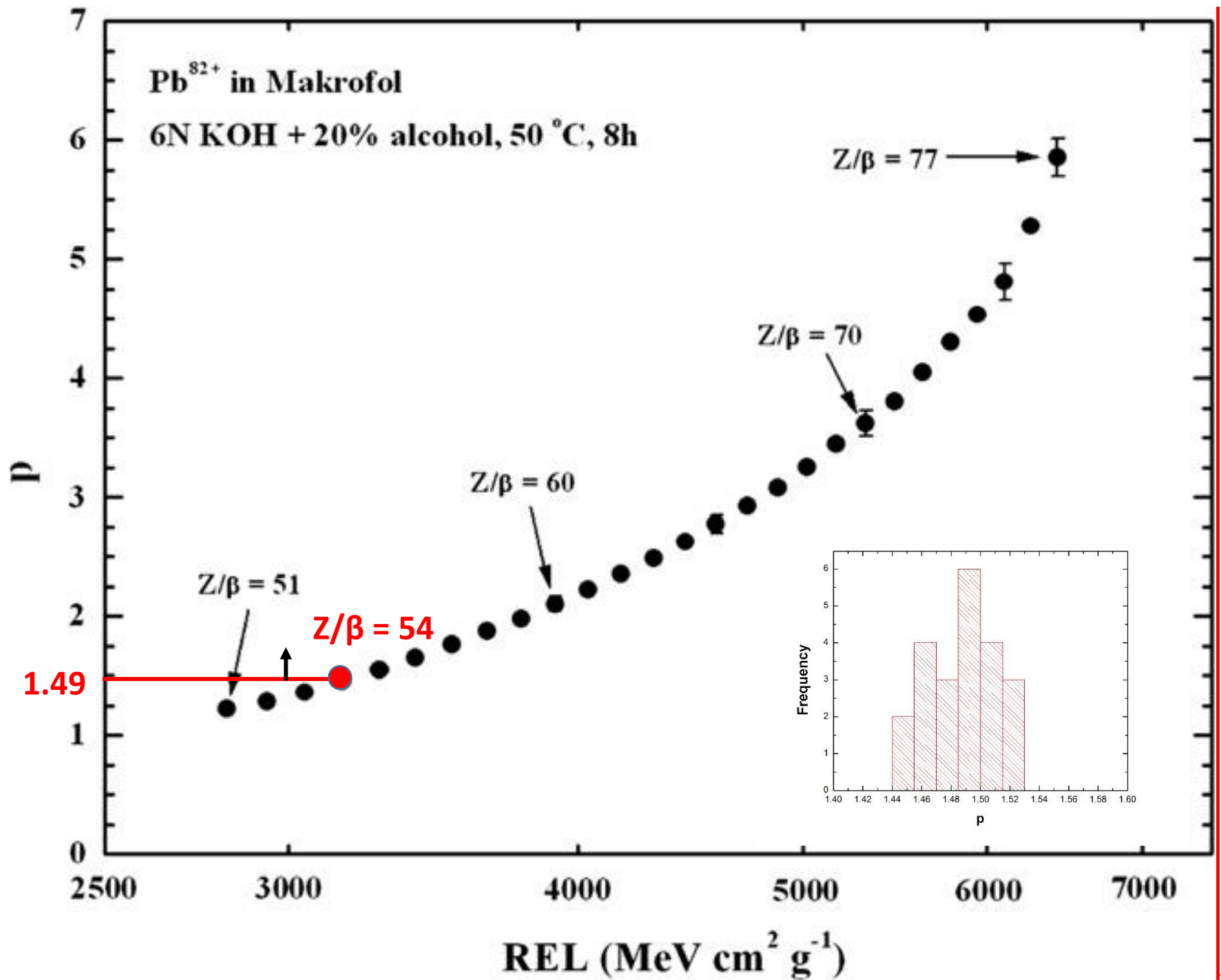
Current etchant 😊



Previous etchant 😞



Objective : 20x



NEXT STEP

- FRAGMENT MEASUREMENT

