

# Dosimetry experiment (first results)

## Dose rate linearity

(test of different dose rates but same dose)

- **5E-2 (conv. DR): looks good!**
- **1.4E1: scanned in wrong direction**
- **5E4: background on first film, but fine**
- **1.5E6: high background on all films**
- **6E10: high background (only 2 measurements)**

## Other measurements:

- **Scan after different times: not yet analyzed**
- **Dark current:  
about 4E-2 (conv. DR) for 2nc beam optics**
- **15 Gy to 370 Gy: fit works fine  
low doses: less than 3 Gy -> fit bad  
(try another fit model)**
- **Limit of films: much higher than expected:  
~600 Gy (but fit not good)**

