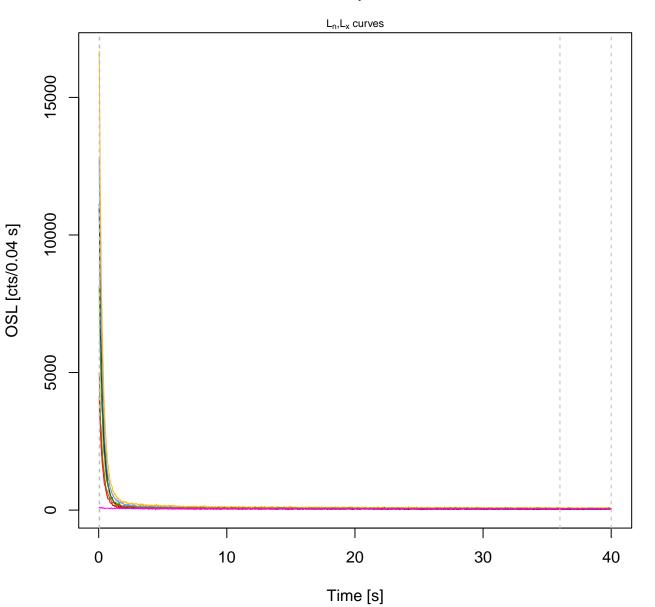
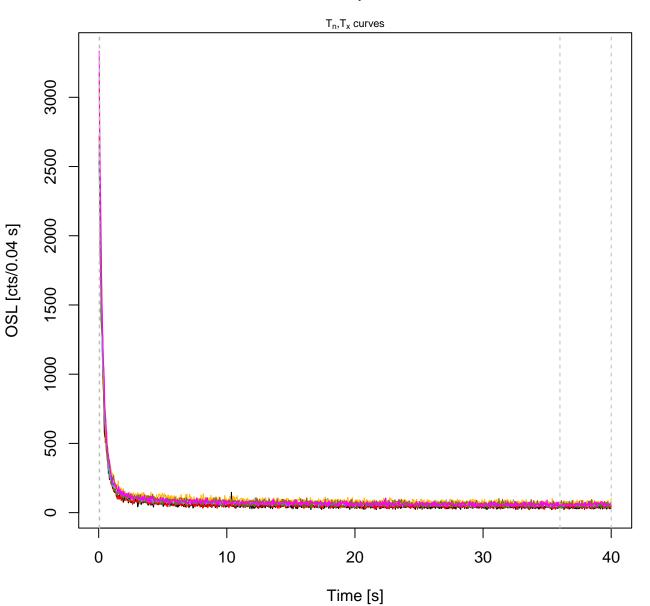
**ALQ #1** 



ALQ #1



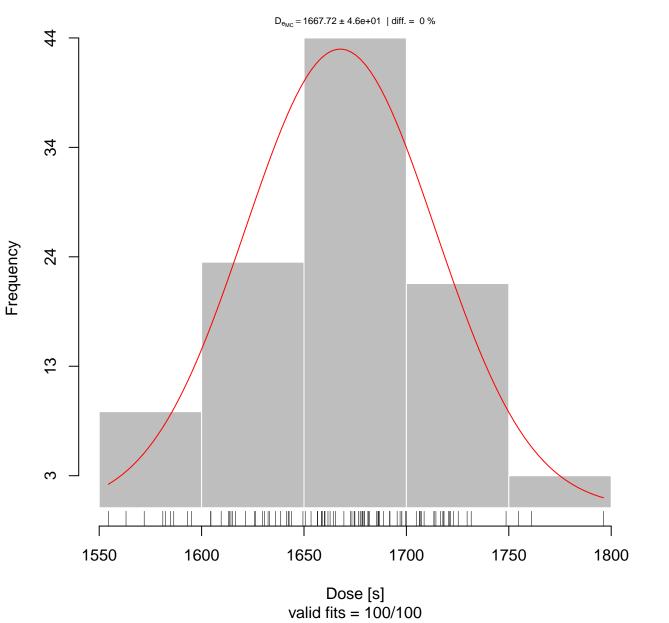


**ALQ #1** 

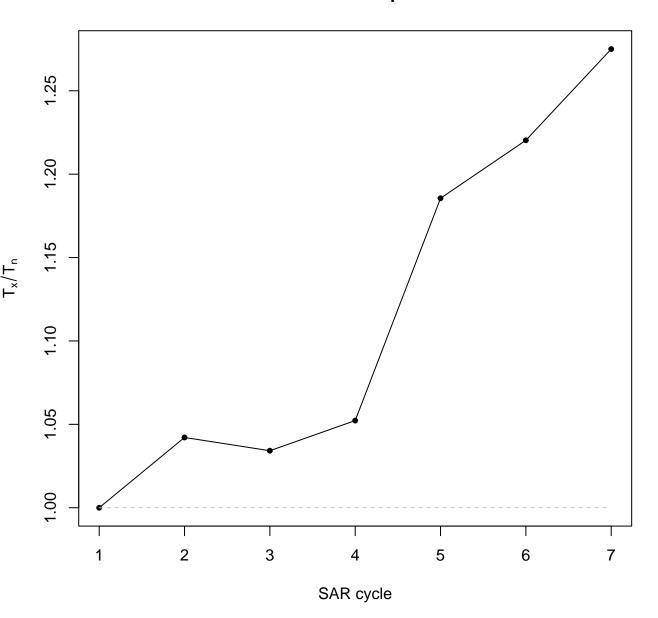
 $D_e = 1668.25 \pm 4.6e + 01$  | fit: EXP REG point△ REG point repeatedREG point 0 9 2 Luminescence [a.u.] က  $\alpha$ 0 500 1000 1500 2000 2500

Dose [s]

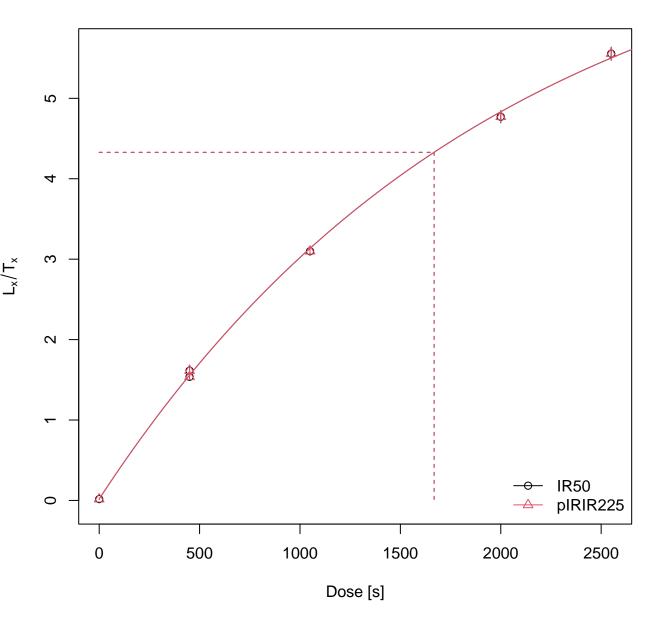




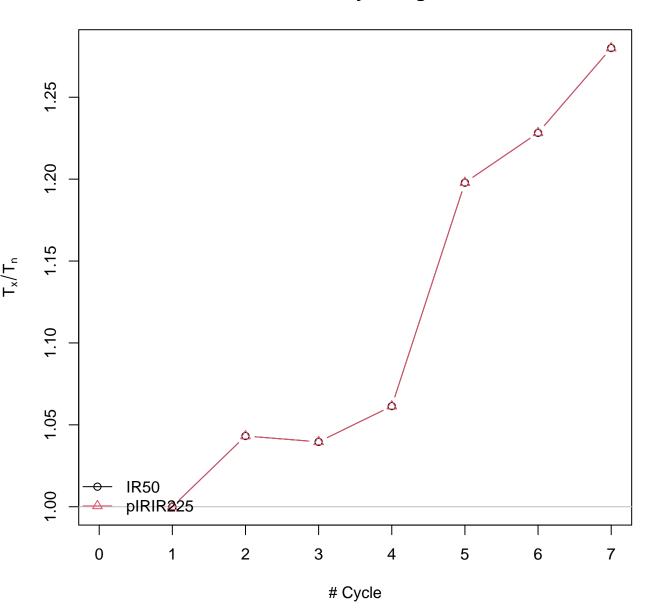
# Test-dose response



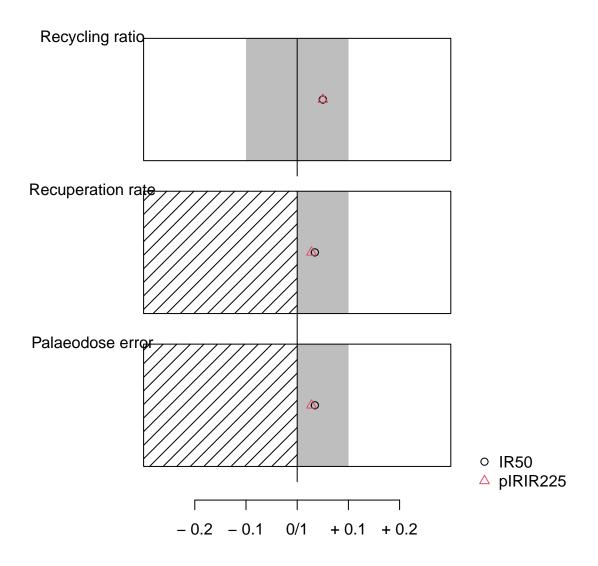
## **Summarised Dose Response Curves**



## Sensitivity change

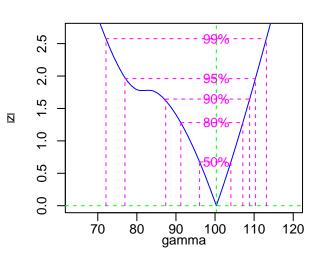


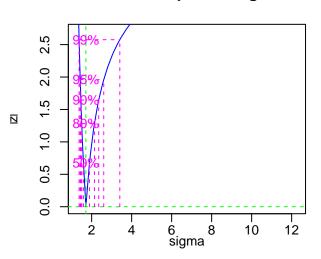
## Rejection criteria



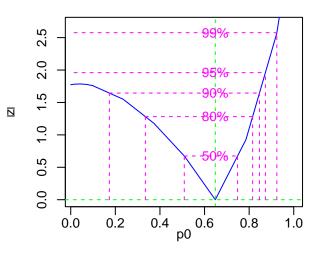
## Likelihood profile: gamma

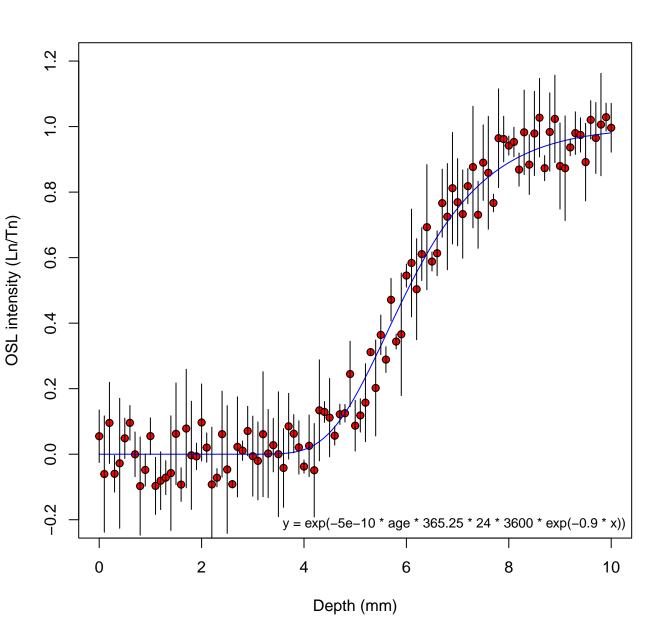
## Likelihood profile: sigma

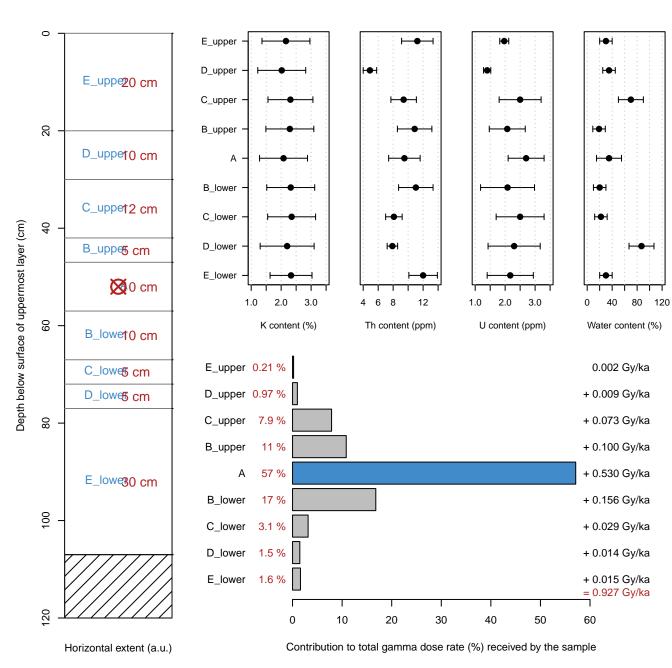




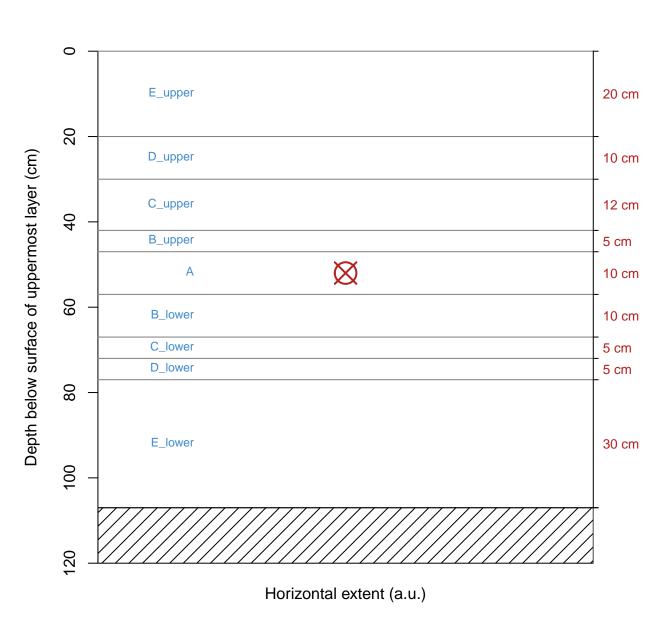
#### Likelihood profile: p0

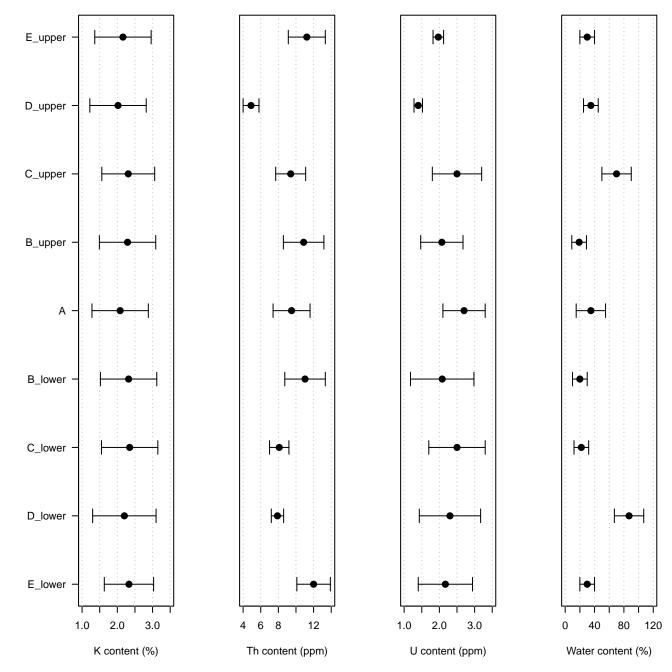




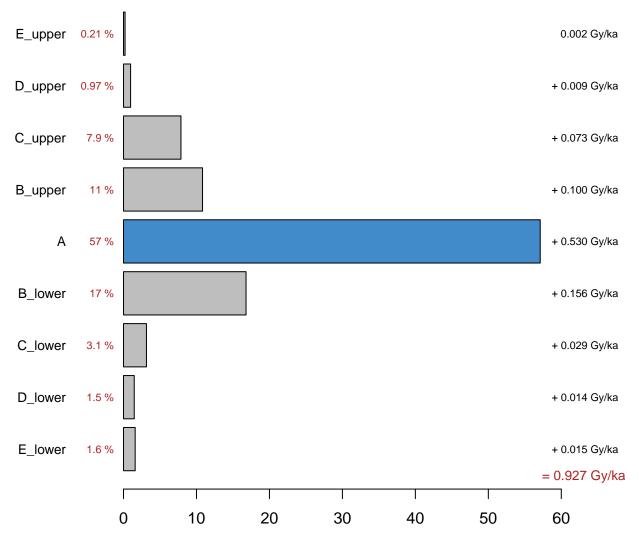


#### **Profile structure**





# Contributions of each layer to the total gamma dose rate received by the sample



Contribution to total gamma dose rate (%) received by the sample