

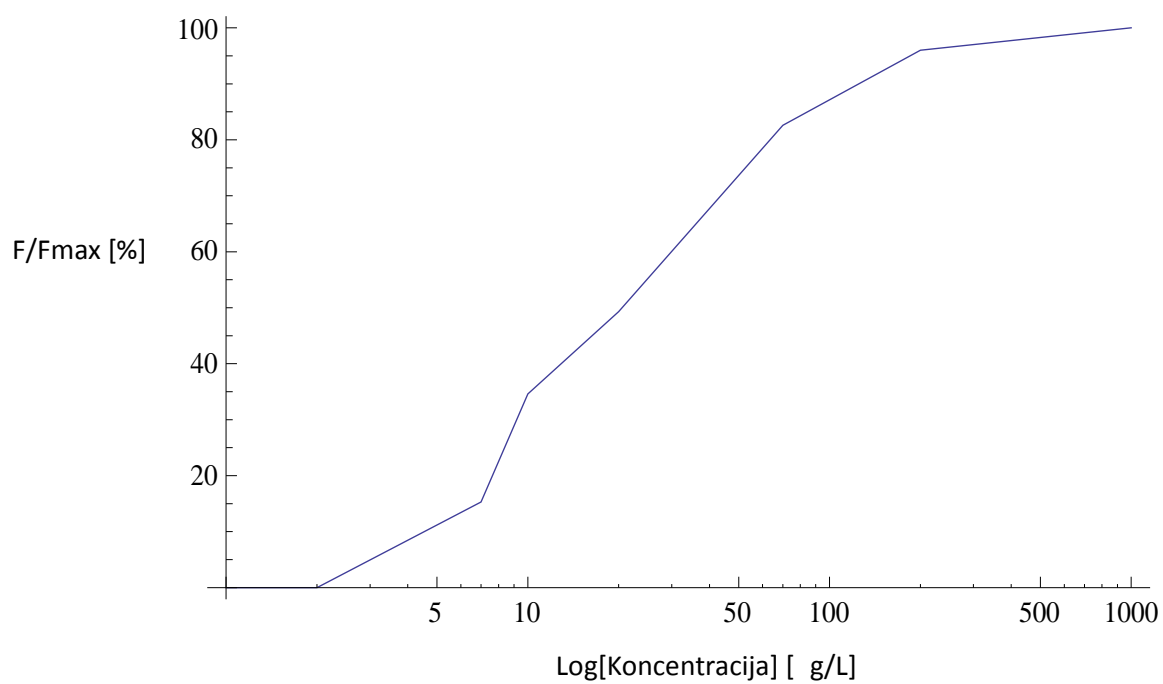
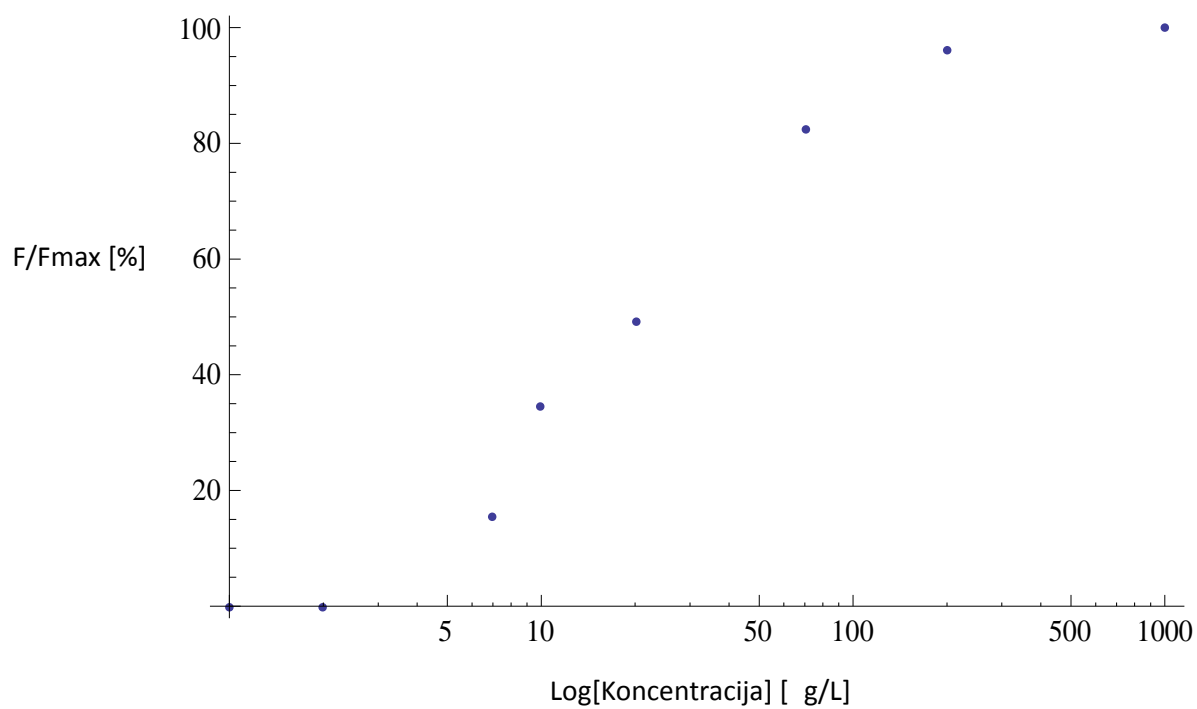
# Računalniška orodja v fiziki

## Grafi II

Angela Kočoska

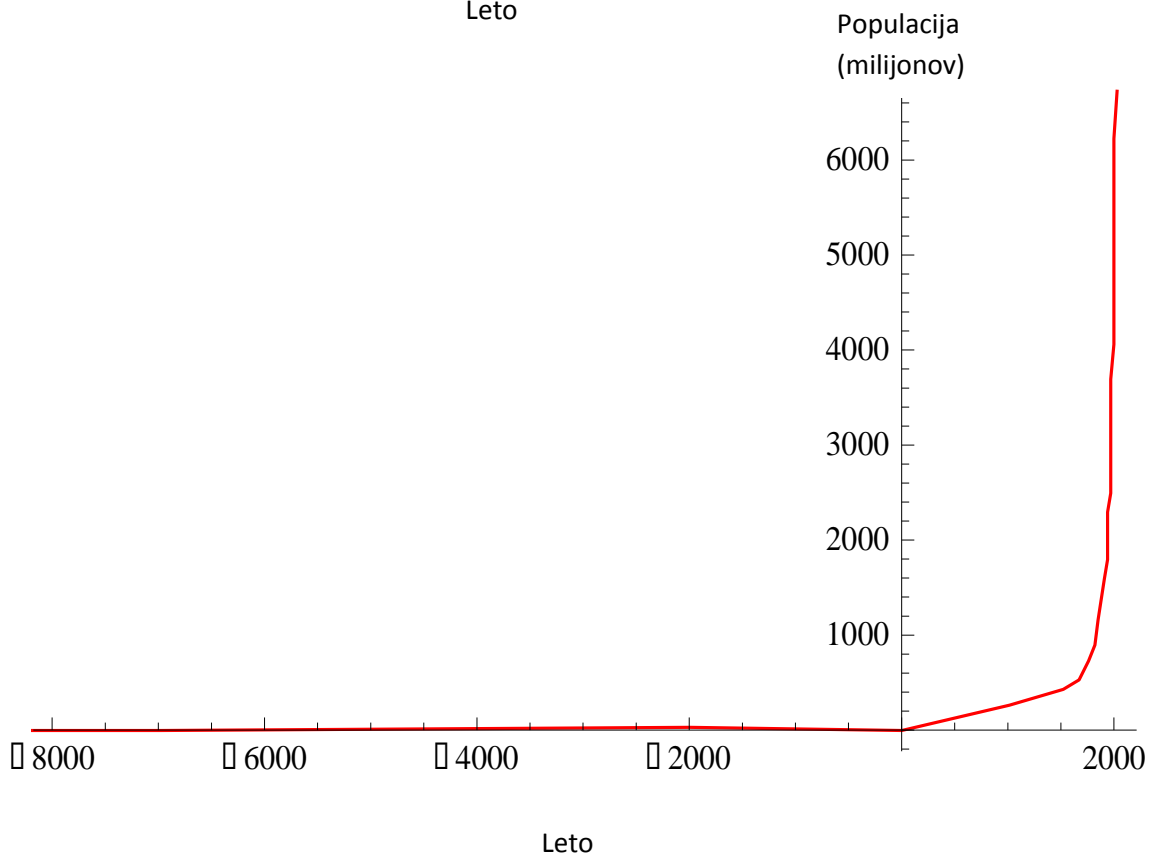
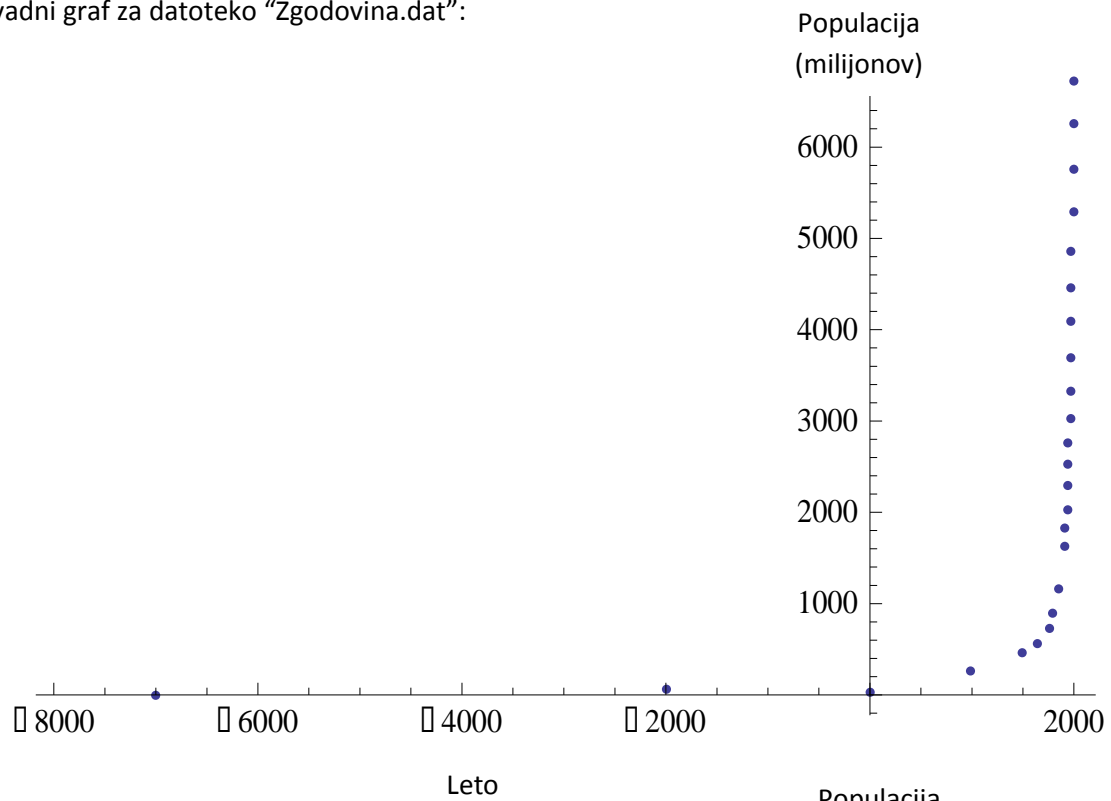
### Naloga1:

Graf z podatki iz datoteke "Adrenalin.dat" v logaritemskem merilu za koncentracijo :



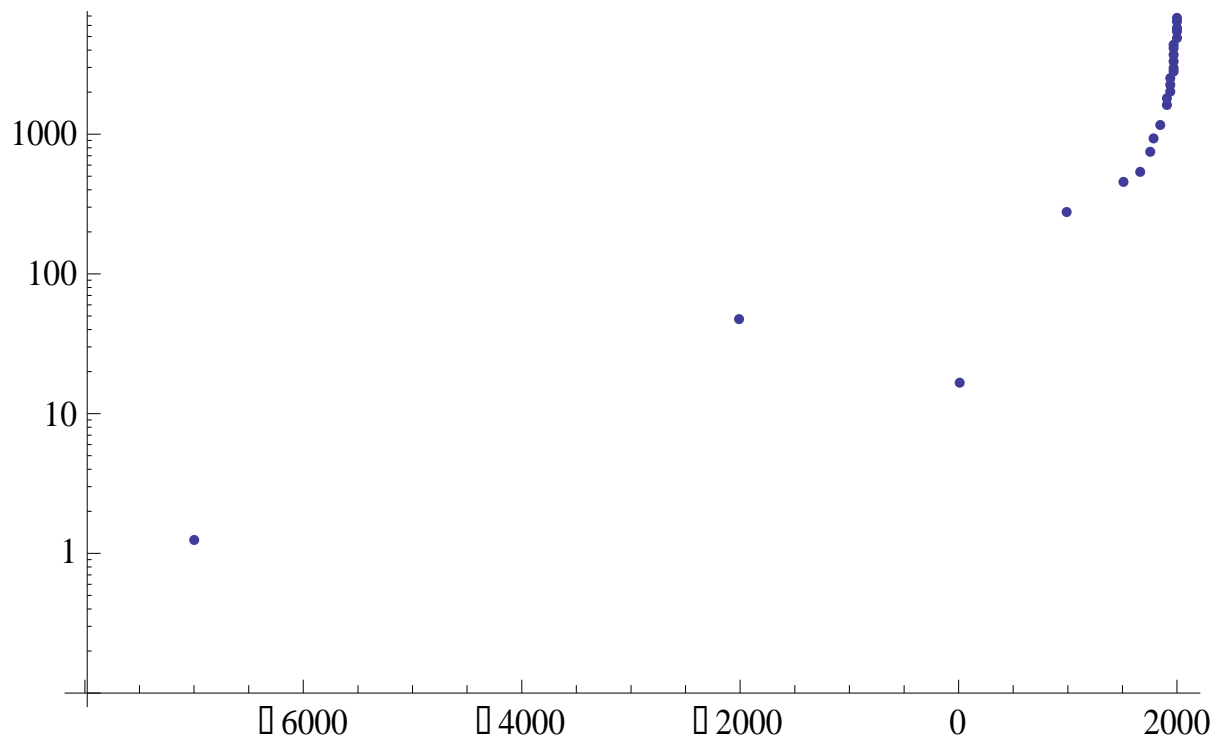
**Naloga 2:**

Navadni graf za datoteko "Zgodovina.dat":



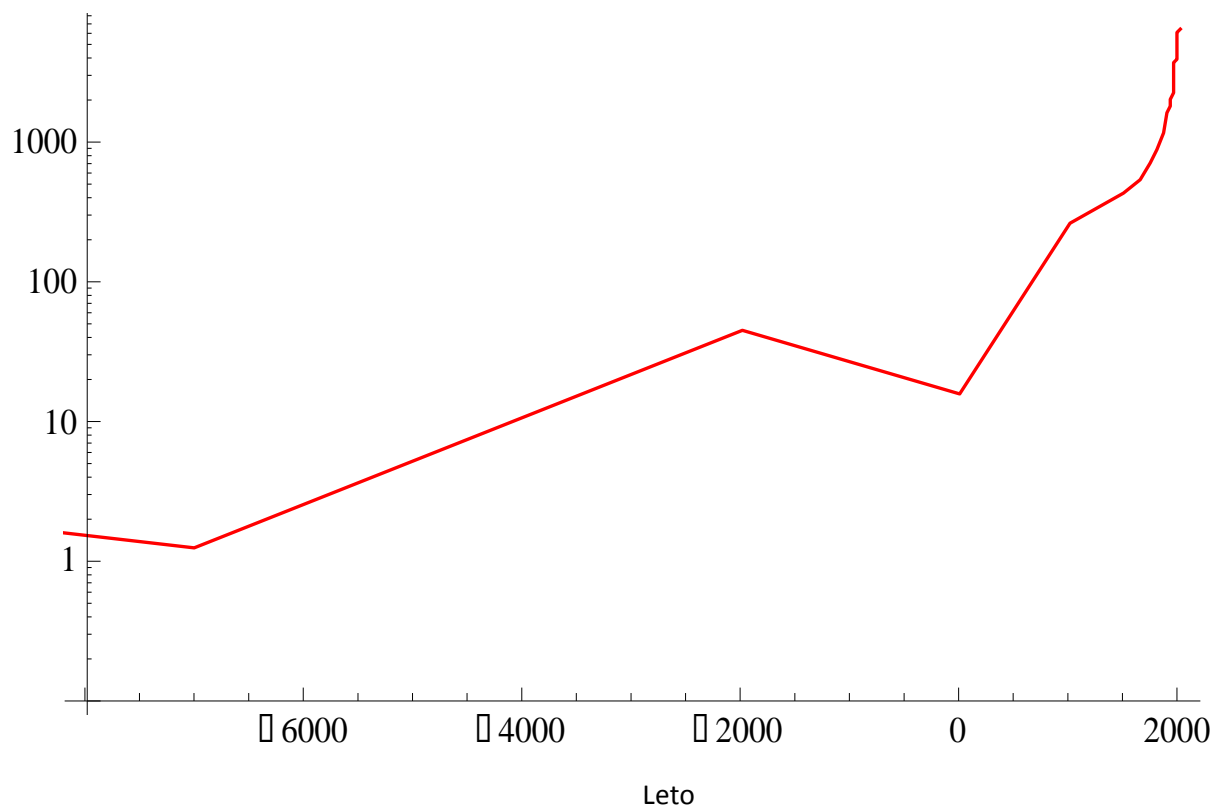
Graf log(populacije):

Log[Populacija  
(milijonov)]



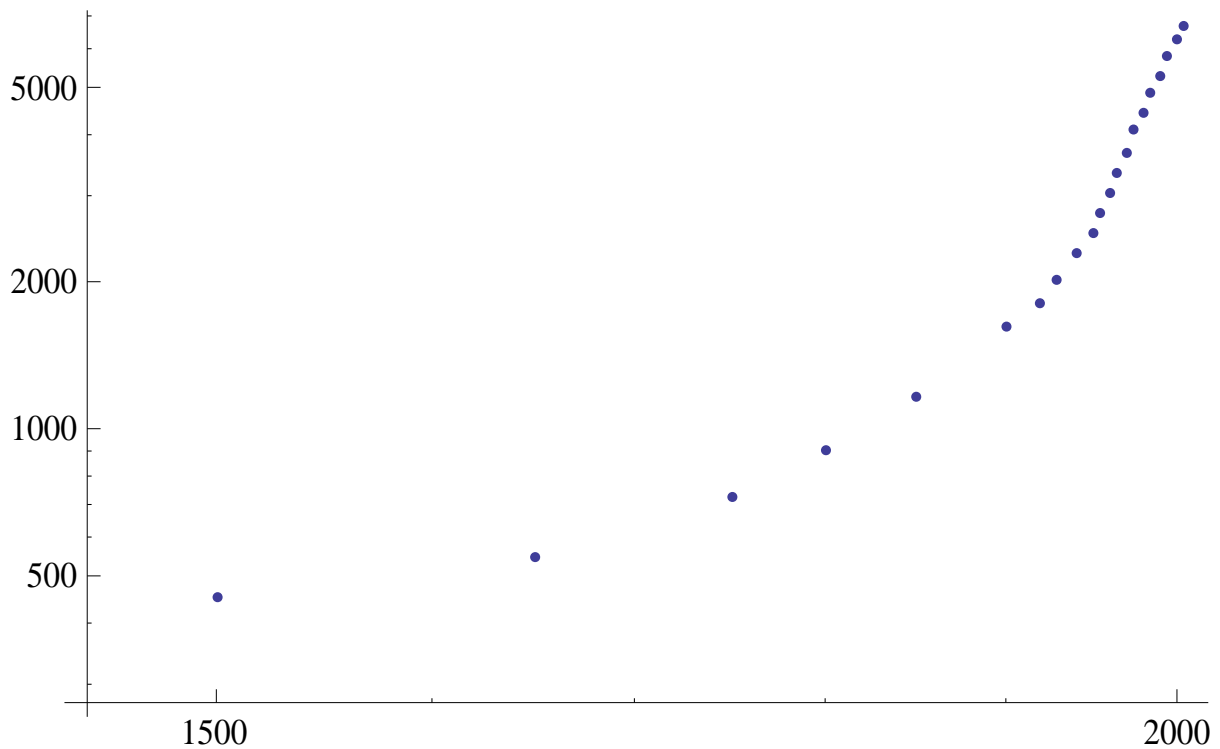
Log[Populacija  
(milijonov)]

Leto



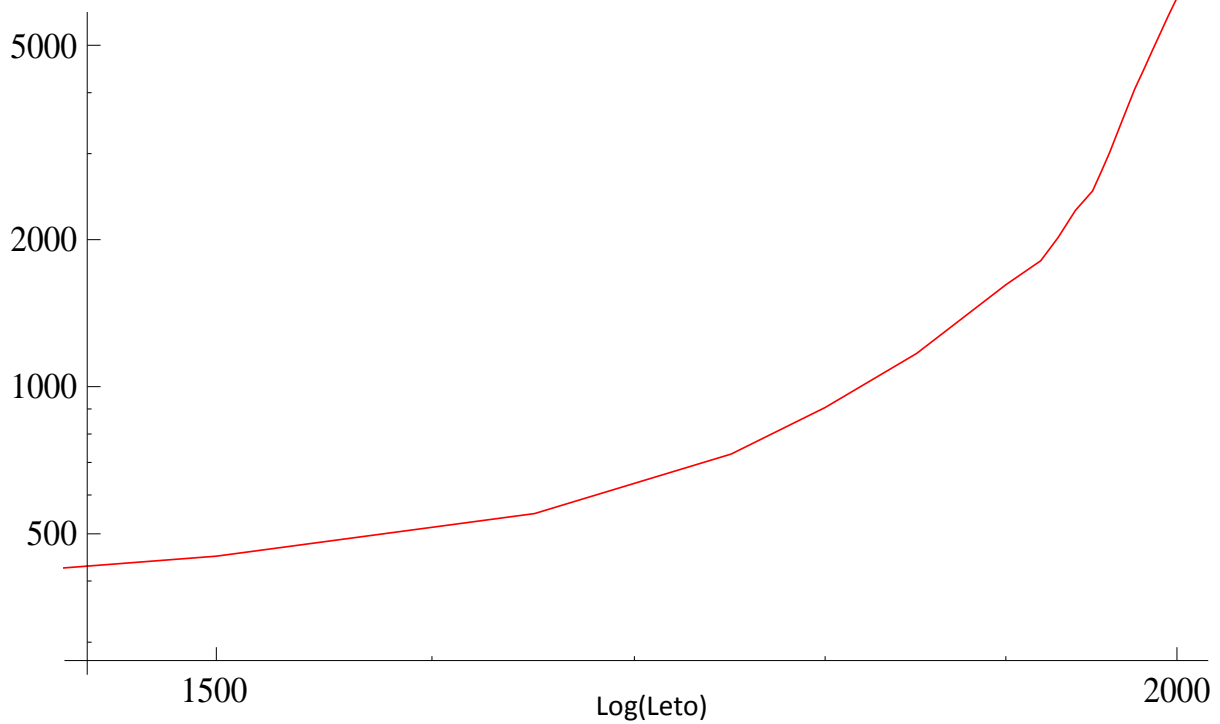
Graf log-log:

Log[Populacija  
(milijonov)]



Log[Populacija  
(milijonov)]

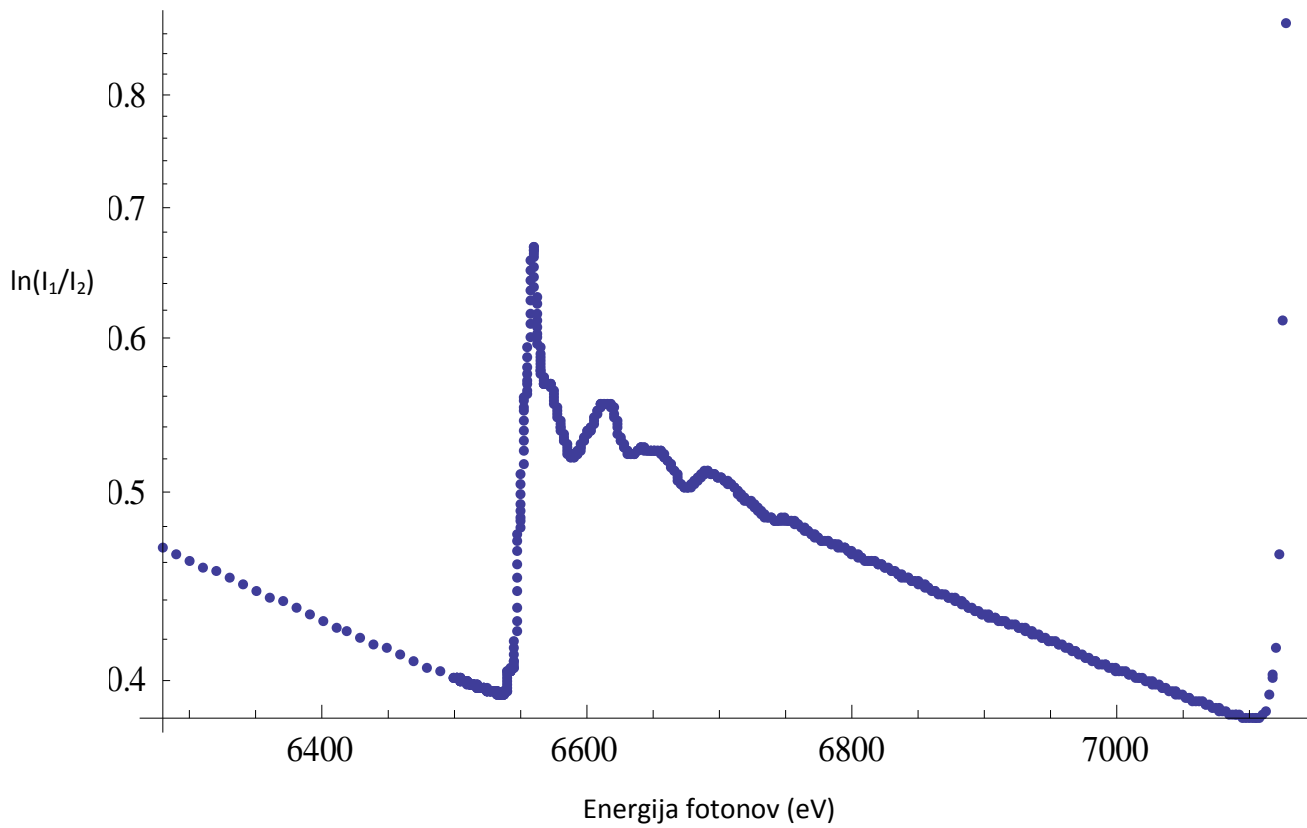
Log(Leto)



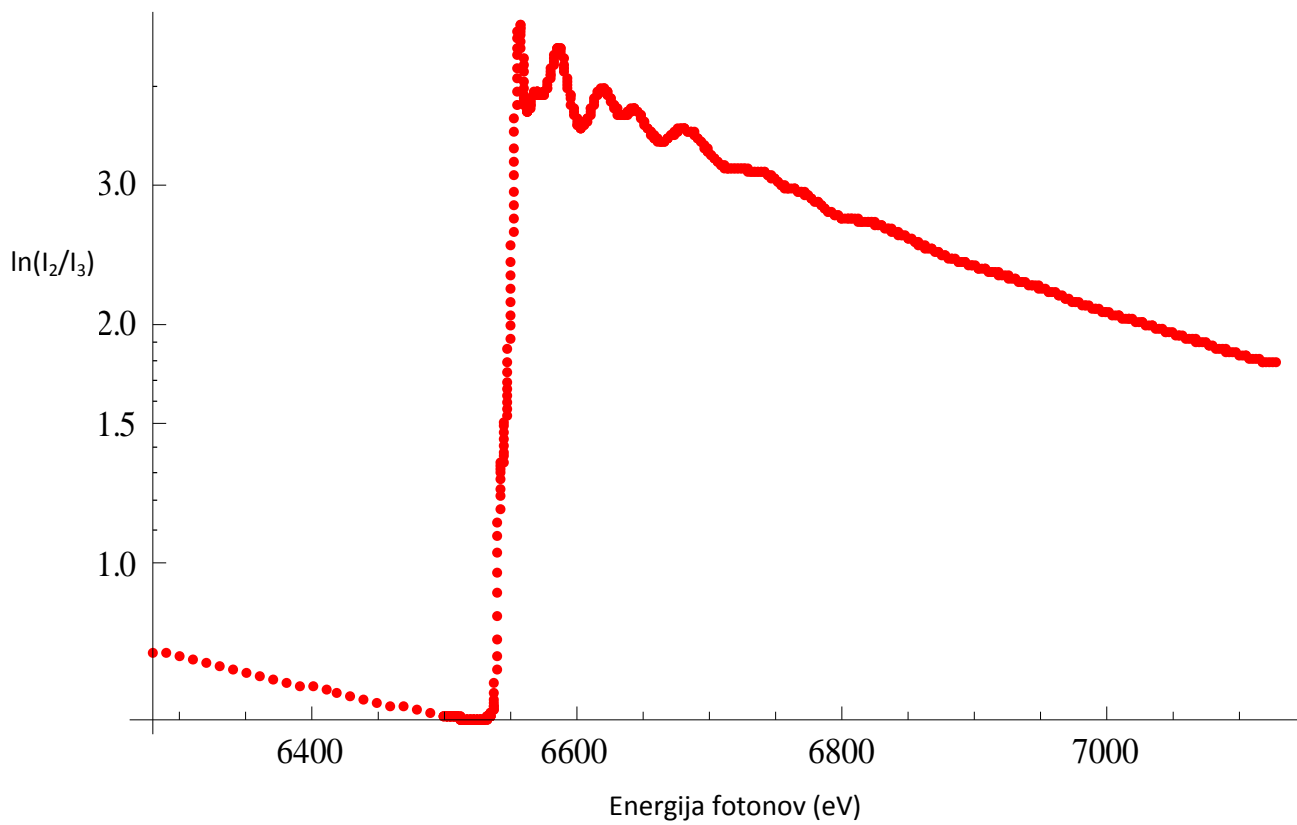
Po mojem je graf log-log bolj gladko prikazuje odvisnost populacije od leto, edino ki manka je to da ni toliko strm pa se ne pozna hitrost naraščanja populacije v zadnjem letih, kar se precej dobro vidi v navadni graf in graf log(populacije).

**Naloga 3:**

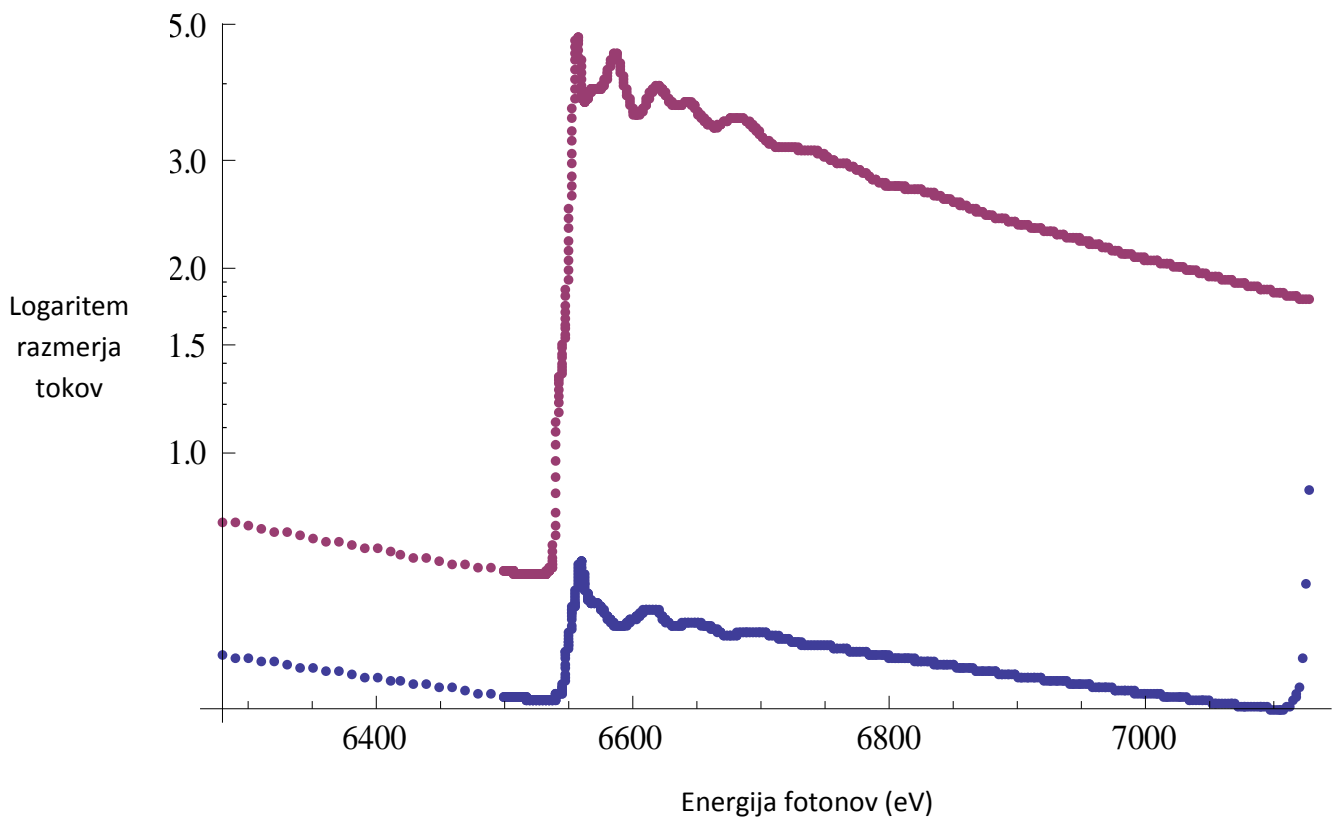
Graf odvisnosti razmerja  $\ln(I_1/I_2)$  od energije fotonov:



Graf odvisnosti  $\ln(I_2/I_3)$  od energije fotonov:



Skupni graf:



**Naloga 4:**

