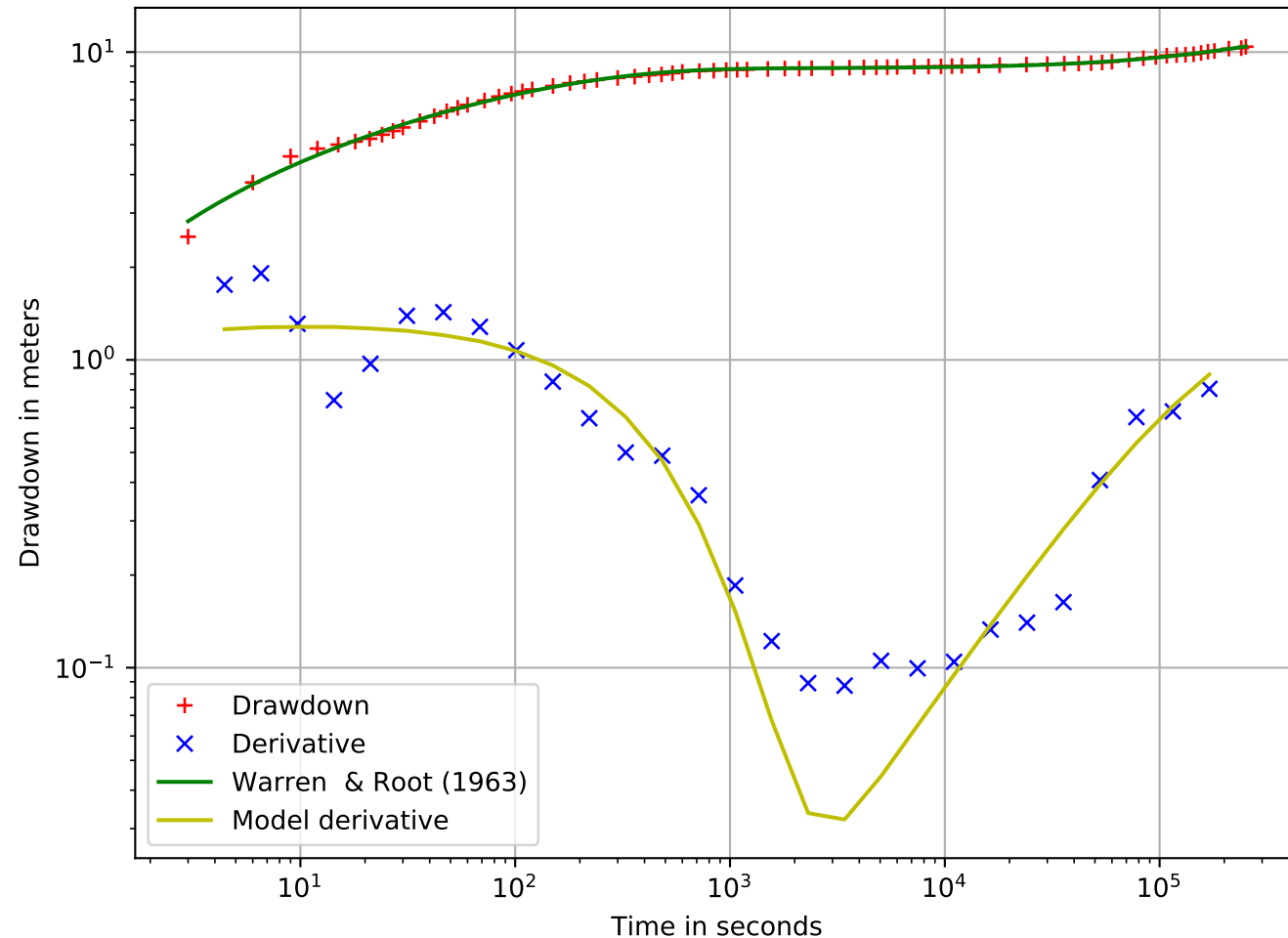


Warren & Root (1963)



Test Data :

Discharge rate : $3.58e-02 \text{ m}^3/\text{s}$

Radial distance : 0.11 m

Hydraulic parameters :

Transmissivity T_f : $2.07e-03 \text{ m}^2/\text{s}$ Storativity S_f : $1.59e-01$ Storativity S_m : $5.35e+01$ Inter-porosity flow λ : $2.04e-03$

Fitting parameters :

slope a : 3.2 mintercept t_0 : 0.41 mminimum derivative t_m : $2.7e+03 \text{ m}$

mean residual : -0.00021 m

2 standard deviation : 0.17 m

Root-mean-square : 0.087 m