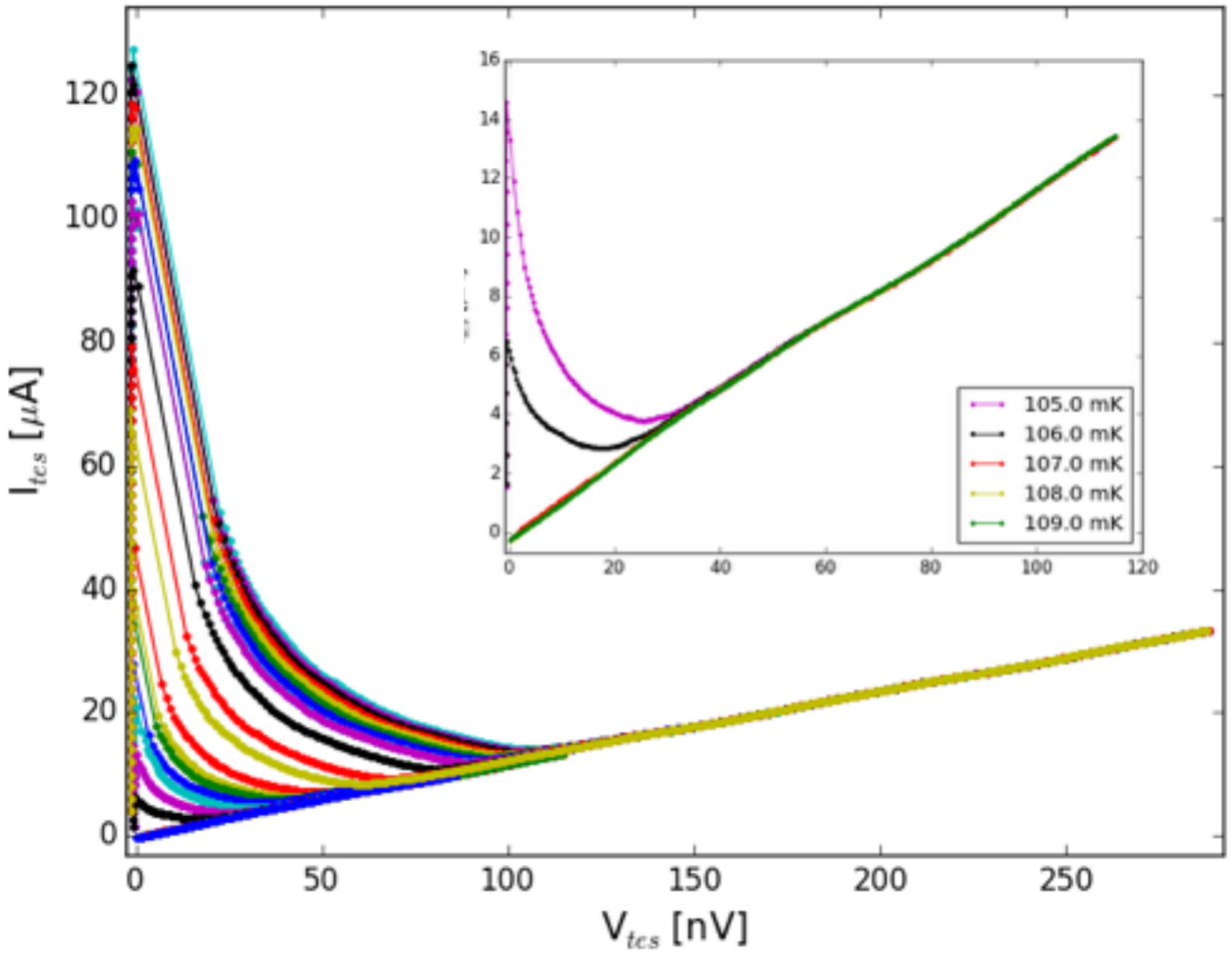
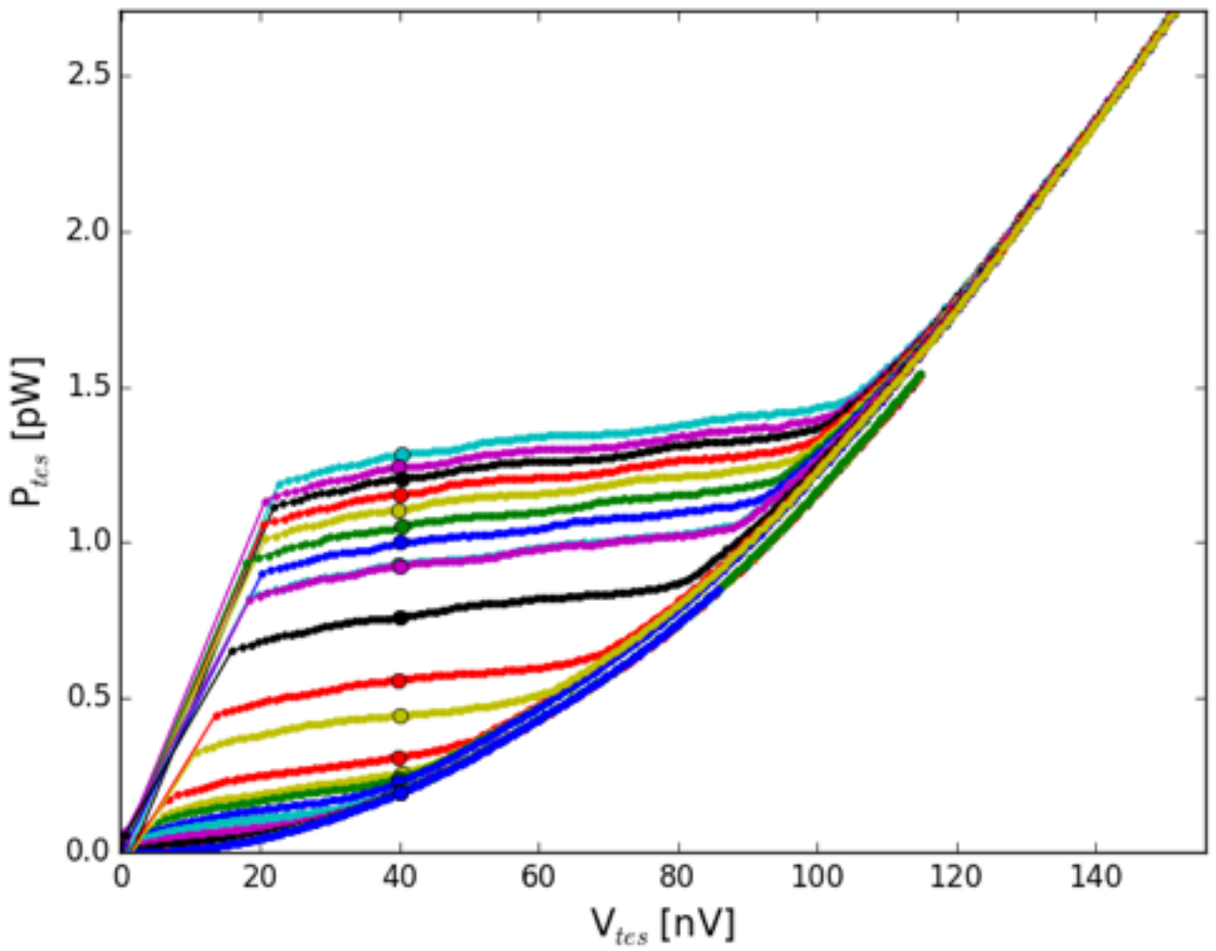
IV curve



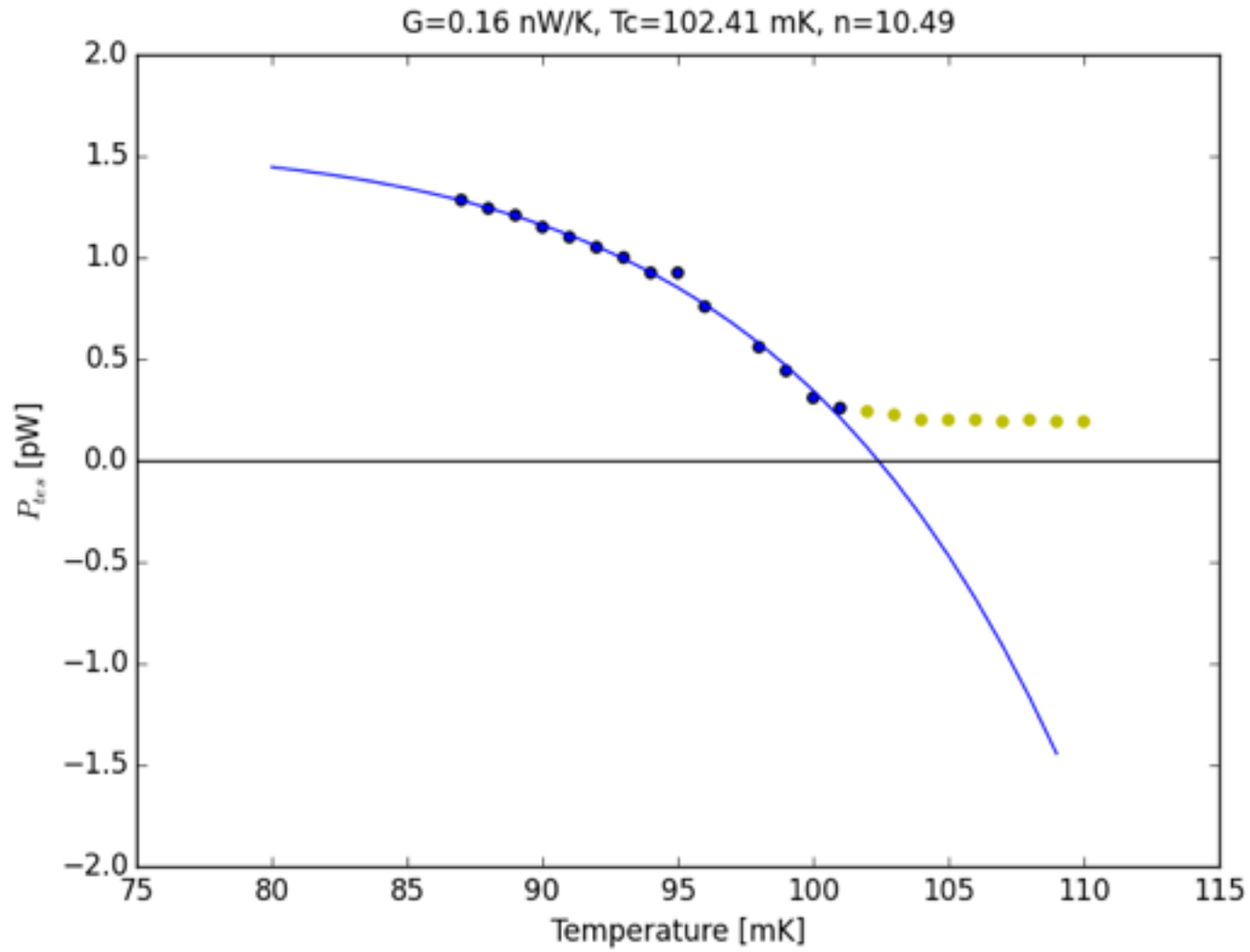
PV curve (P=V*I)



The IV curve shows a transition temperature of about 107 mK

TES resistance at normal state is 8.8 mOhm

PT data and fitting
(from the PV curve at changing bath temperature Tb)



Formula used for fitting: P(Tb) = G/(n*Tc^(n-1)) * (Tc^n - Tb^n)

Fitted parameters: G = 0.16 nW/K, Tc = 102.41 mK, n = 10.49

Fitted Tc is noticeably smaller than observed Tc