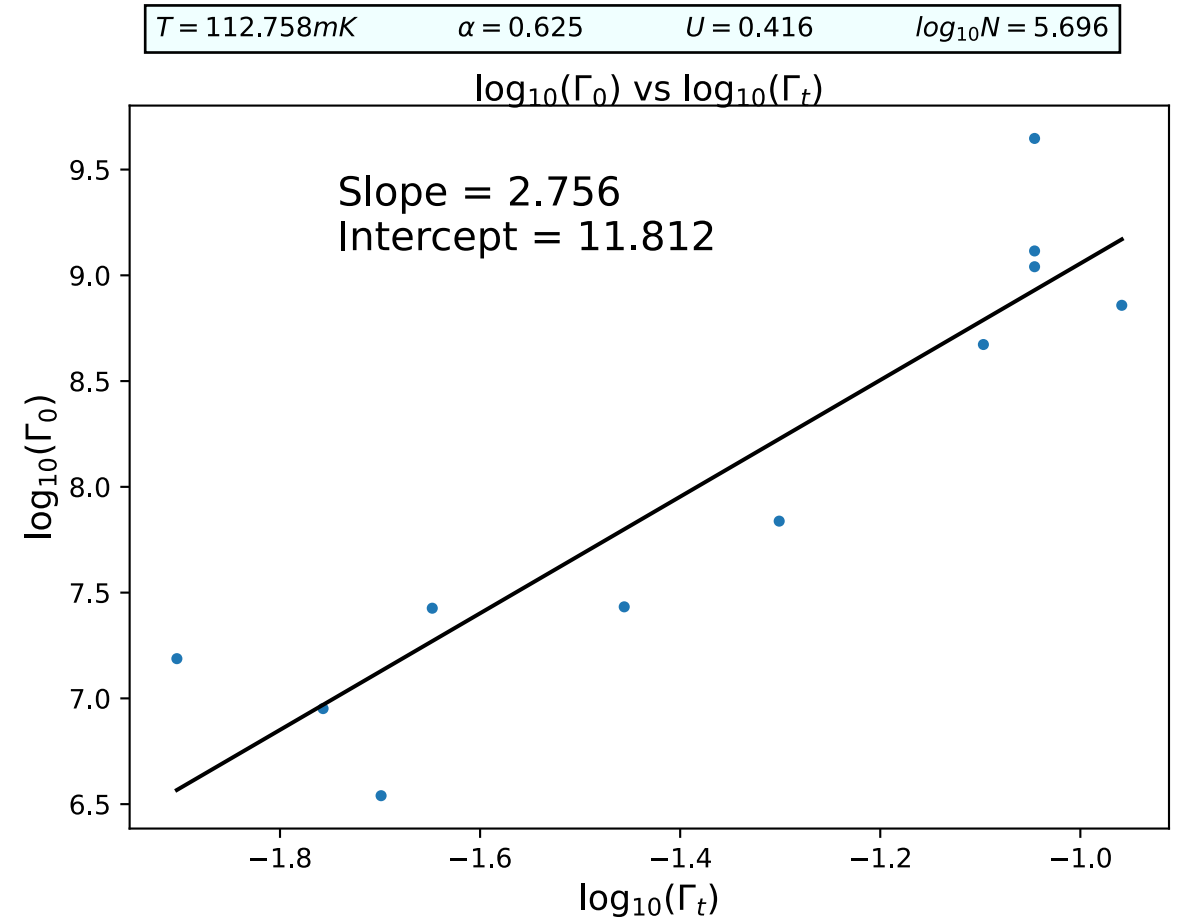
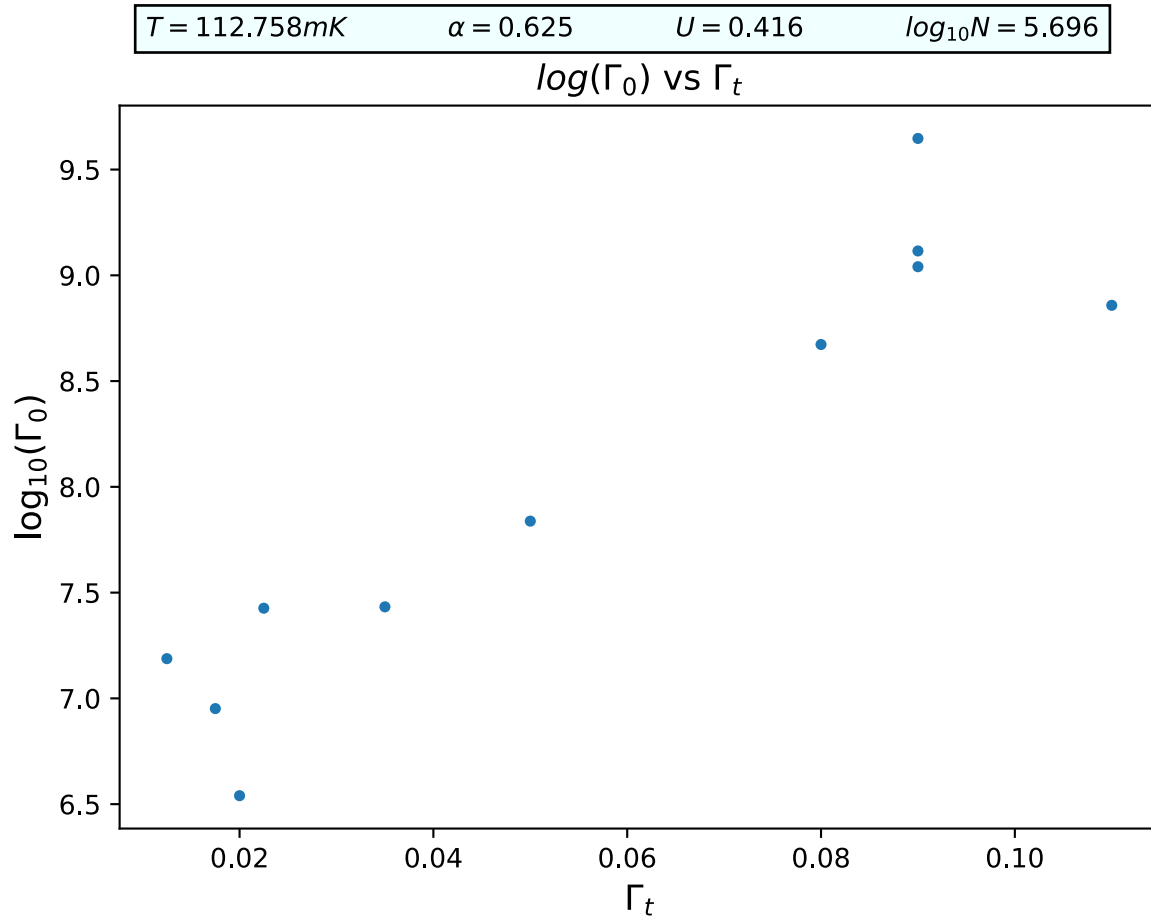


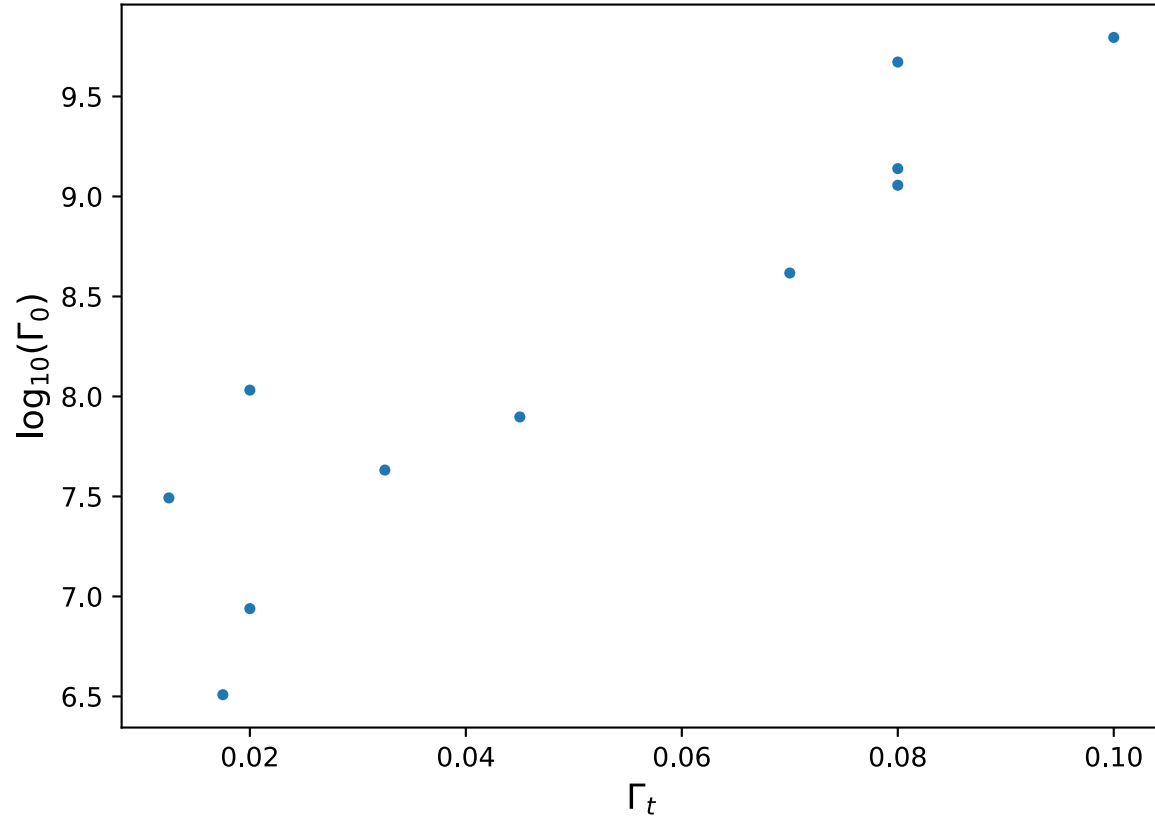
C:G = 1:1



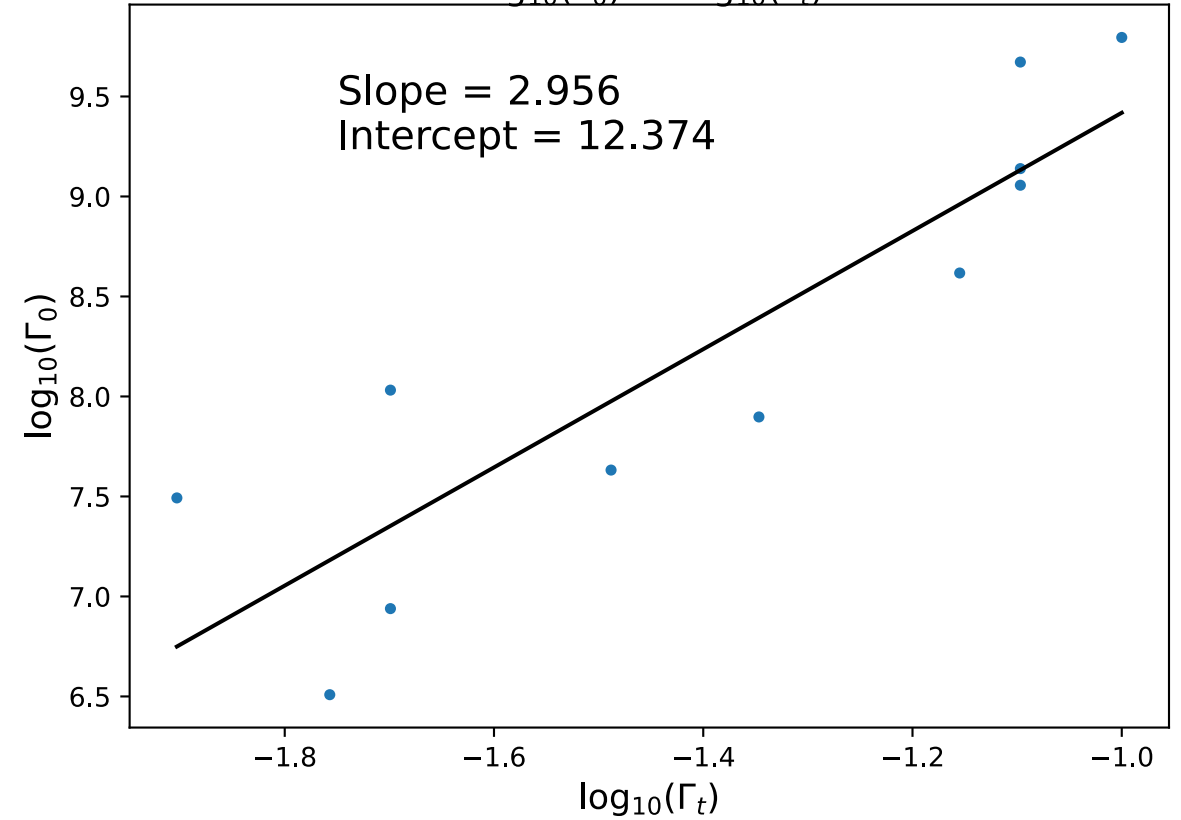
$$C:G = 2:1$$

$T = 109.813mK$	$\alpha = 0.615$	$U = 0.416$	$\log_{10}N = 5.481$	$C:R = 2:1$	$T = 109.813mK$	$\alpha = 0.615$	$U = 0.416$	$\log_{10}N = 5.481$	$C:R = 2:1$
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$\log(\Gamma_0)$  vs  $\Gamma_t$

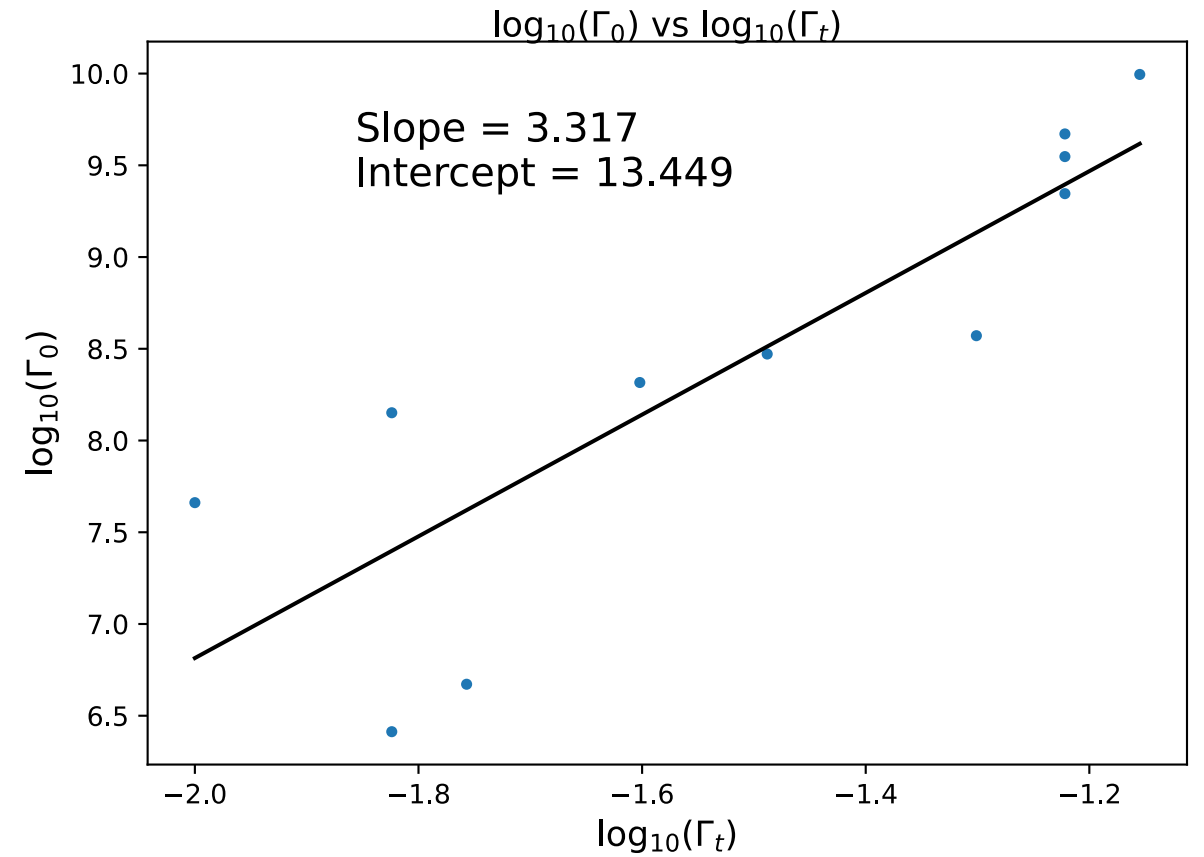
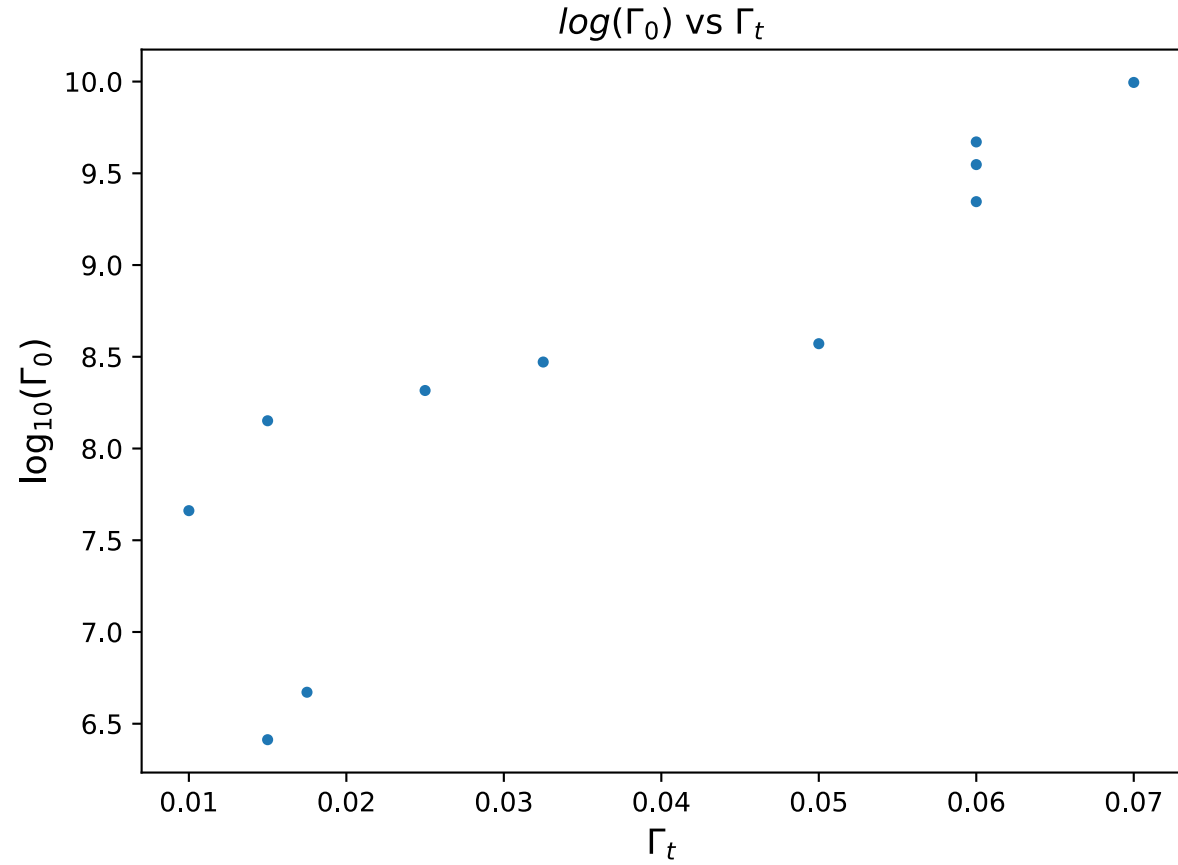


$\log_{10}(\Gamma_0)$  vs  $\log_{10}(\Gamma_t)$

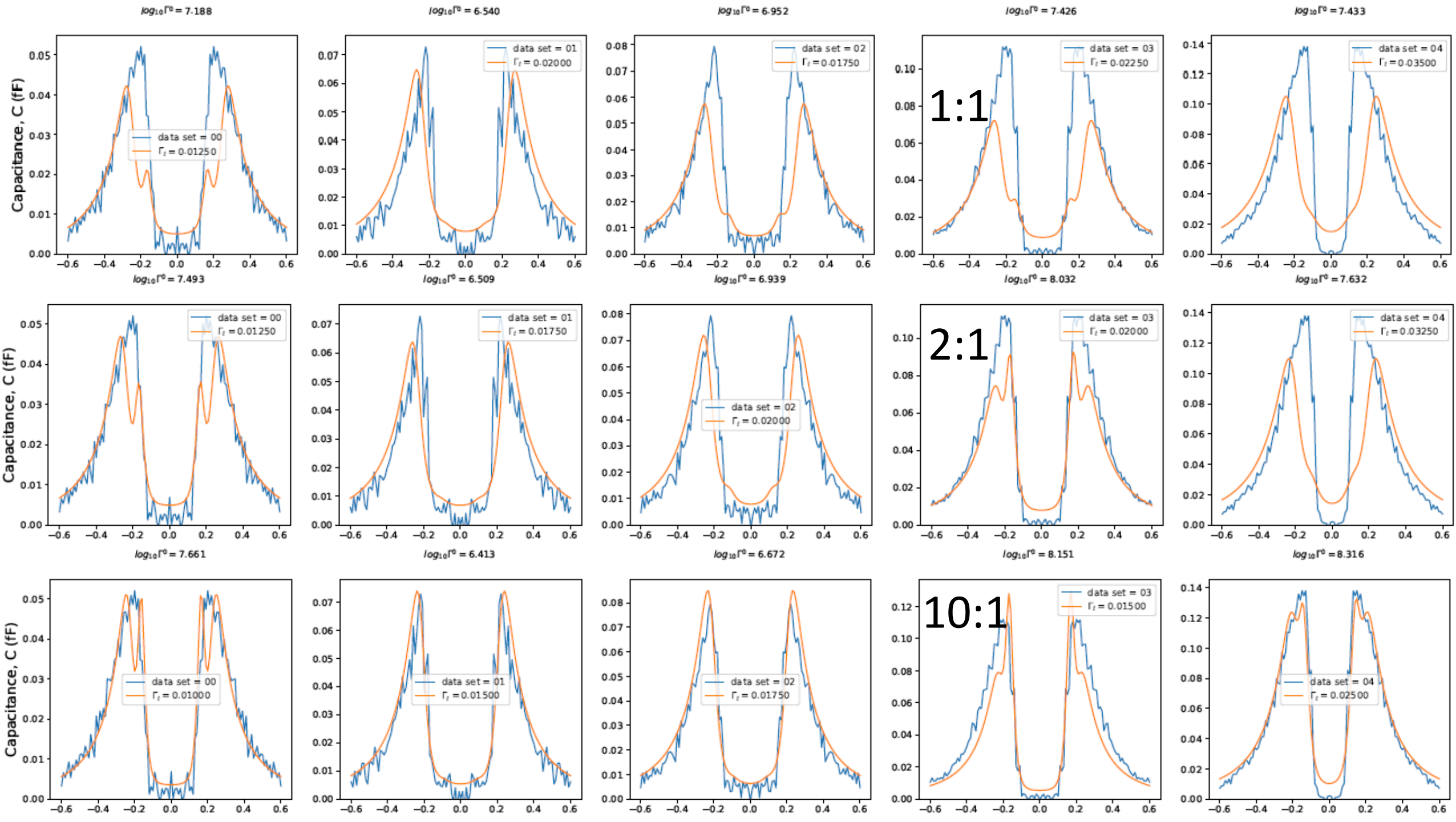


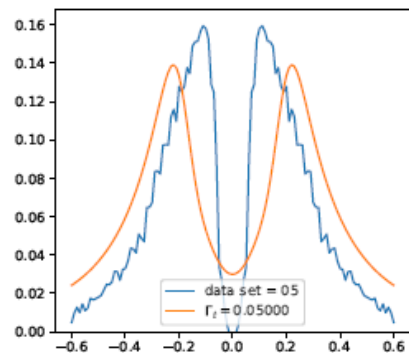
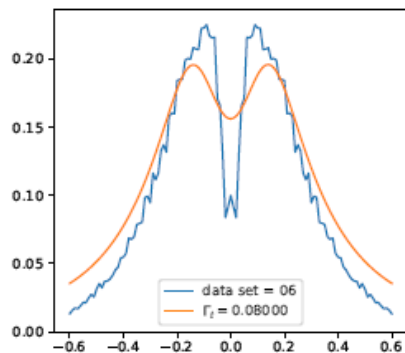
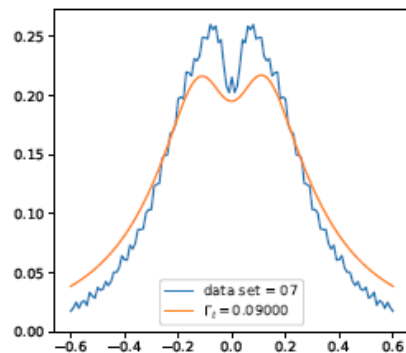
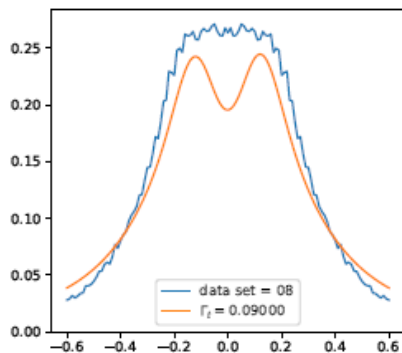
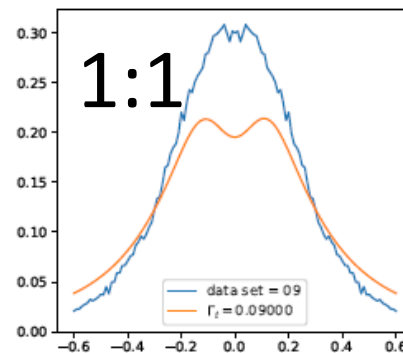
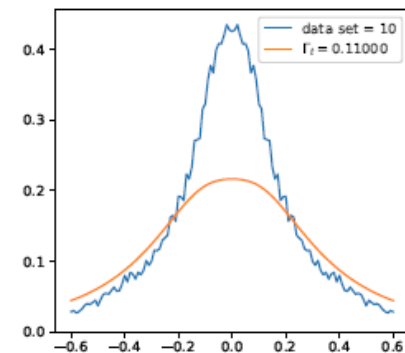
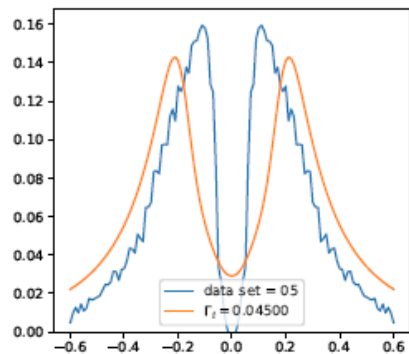
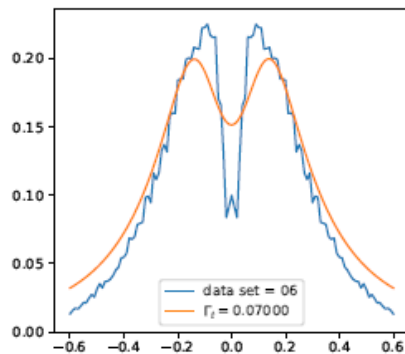
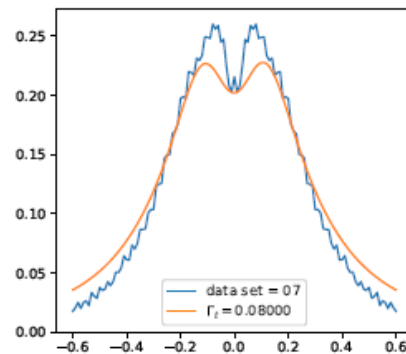
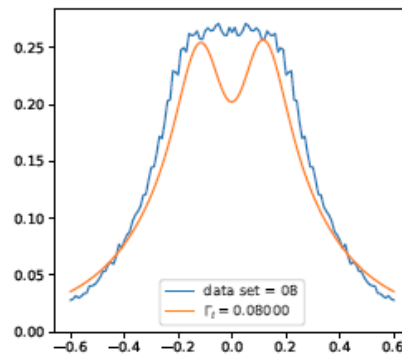
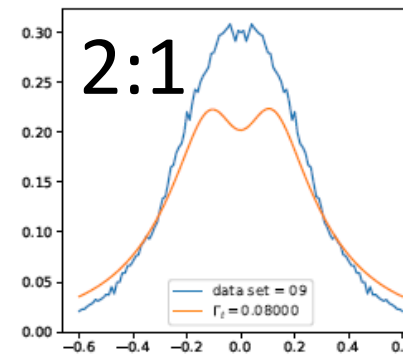
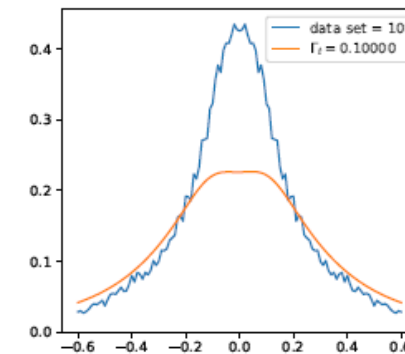
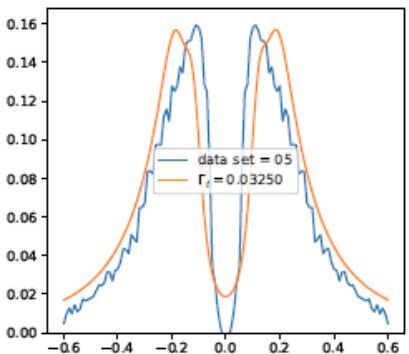
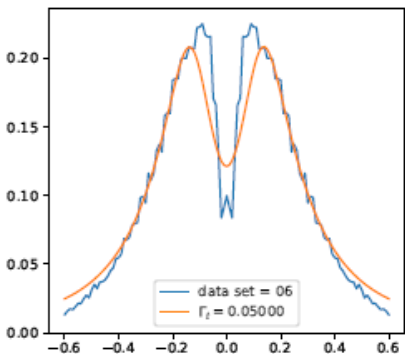
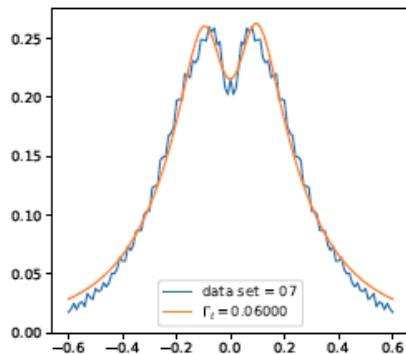
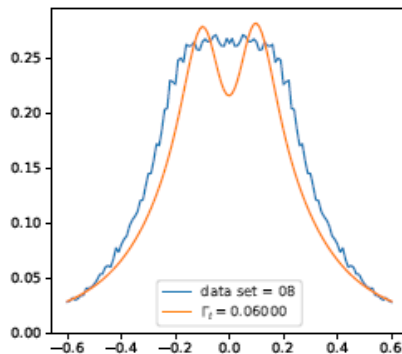
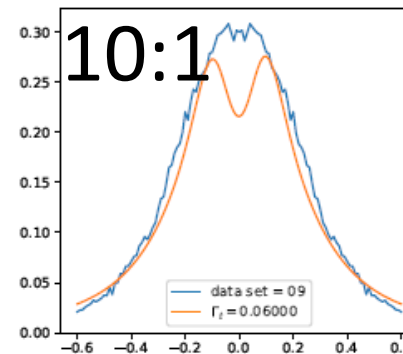
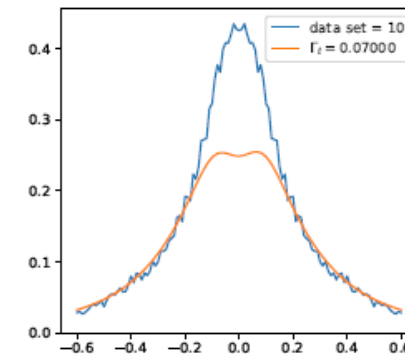
$$\text{C:G} = 10:1$$

$T = 90.769\text{mK}$	$\alpha = 0.583$	$U = 0.416$	$\log_{10}N = 5.556$	$C : R = 10 : 1$	$T = 90.769\text{mK}$	$\alpha = 0.583$	$U = 0.416$	$\log_{10}N = 5.556$	$C : R = 10 : 1$
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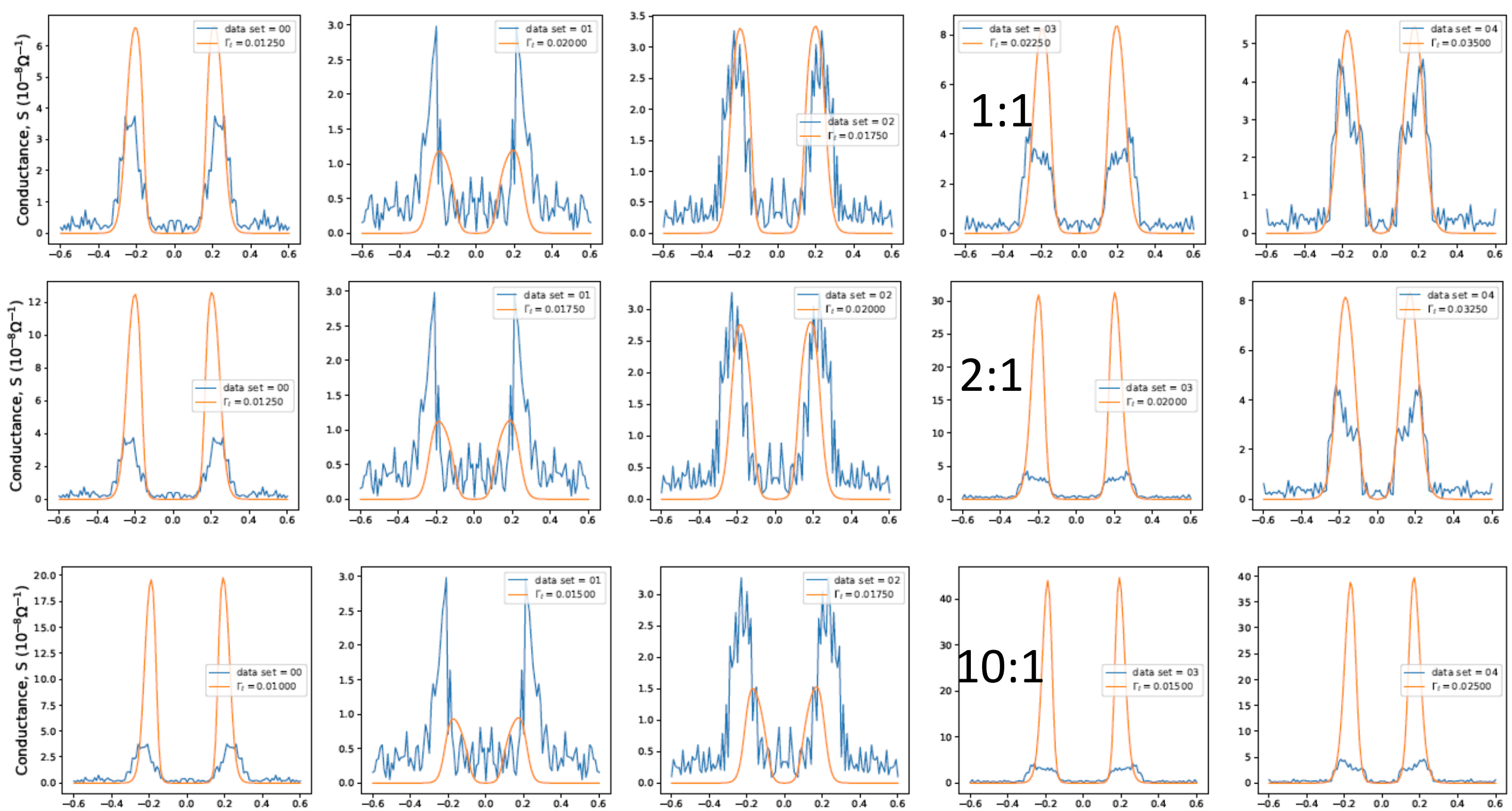


# Capacitance

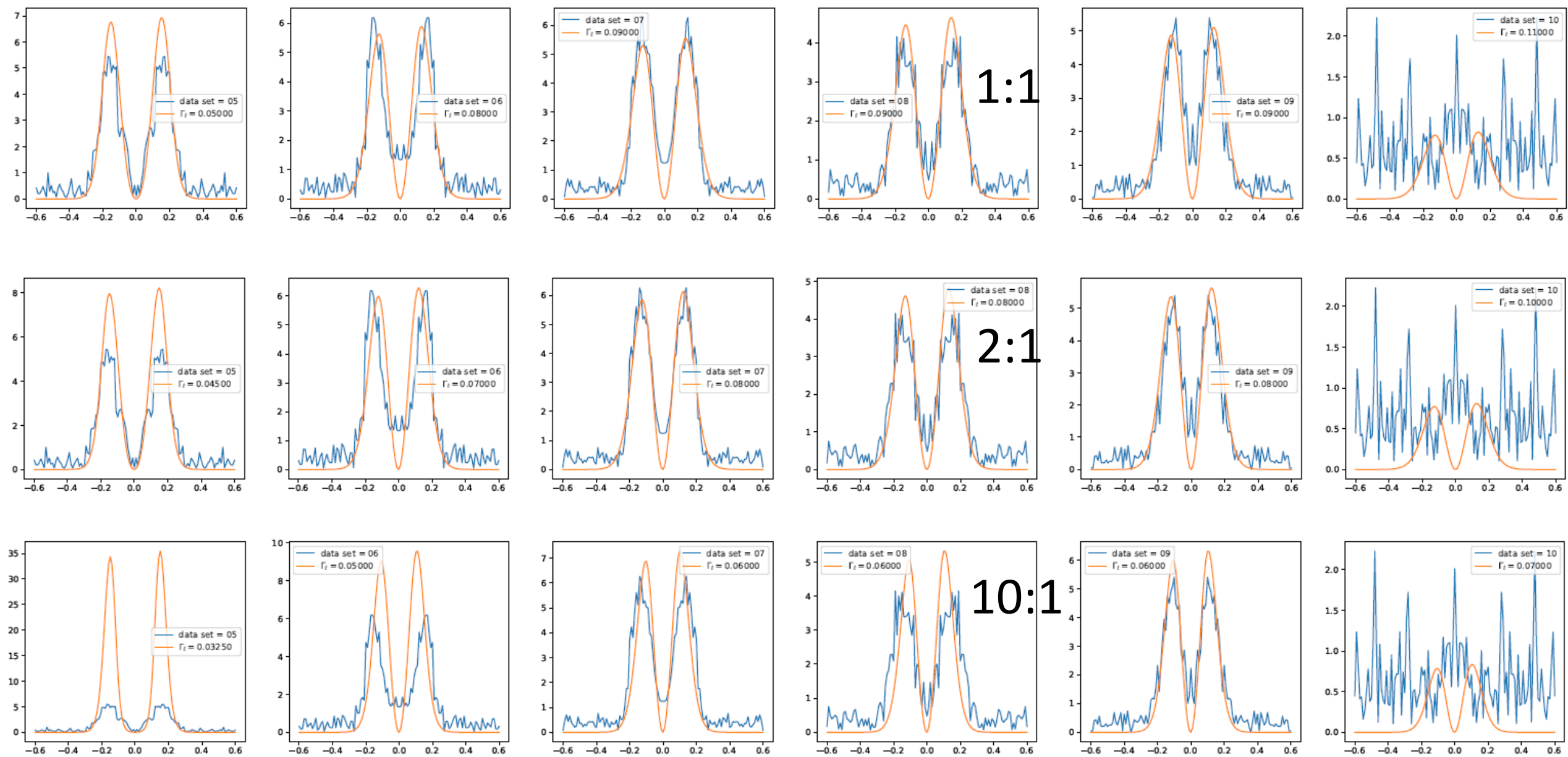


$\log_{10}\Gamma^0 = 7.838$  $\log_{10}\Gamma^0 = 8.673$  $\log_{10}\Gamma^0 = 9.115$  $\log_{10}\Gamma^0 = 9.647$  $\log_{10}\Gamma^0 = 9.041$  $\log_{10}\Gamma^0 = 8.858$  $\log_{10}\Gamma^0 = 7.897$  $\log_{10}\Gamma^0 = 8.617$  $\log_{10}\Gamma^0 = 9.139$  $\log_{10}\Gamma^0 = 9.672$  $\log_{10}\Gamma^0 = 9.056$  $\log_{10}\Gamma^0 = 9.795$  $\log_{10}\Gamma^0 = 8.471$  $\log_{10}\Gamma^0 = 8.571$  $\log_{10}\Gamma^0 = 9.346$  $\log_{10}\Gamma^0 = 9.671$  $\log_{10}\Gamma^0 = 9.548$  $\log_{10}\Gamma^0 = 9.995$ 

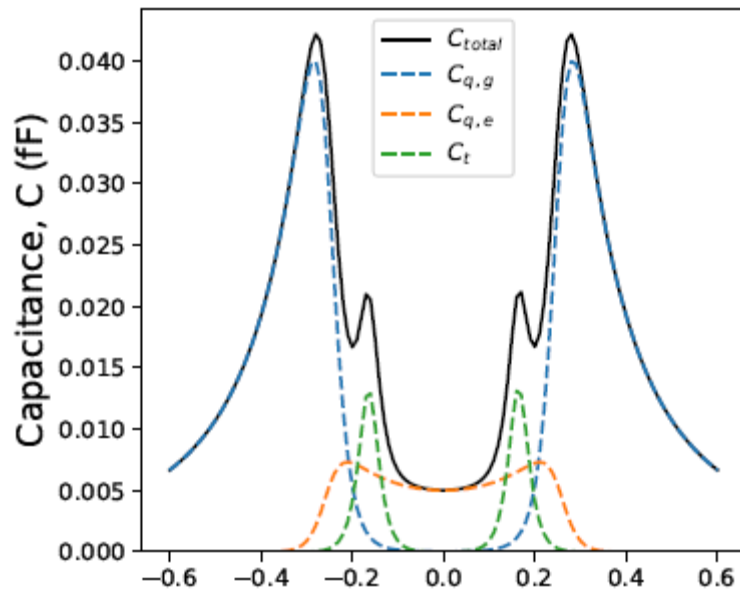
# Conductance



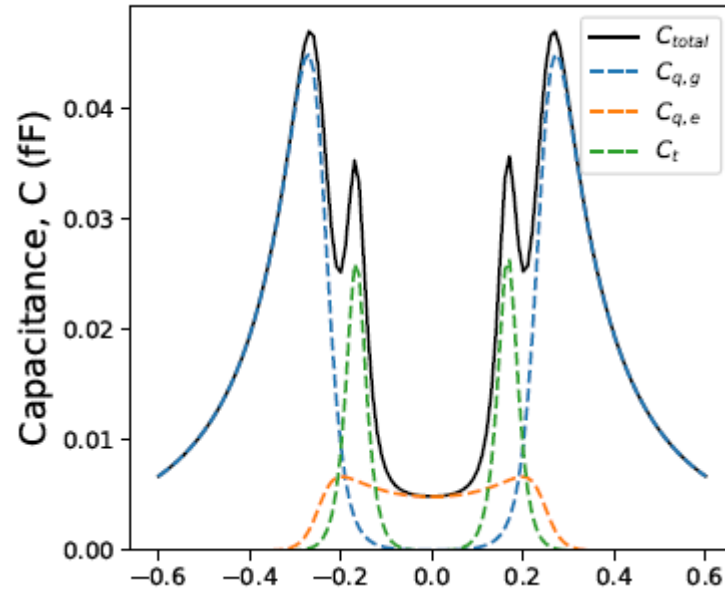




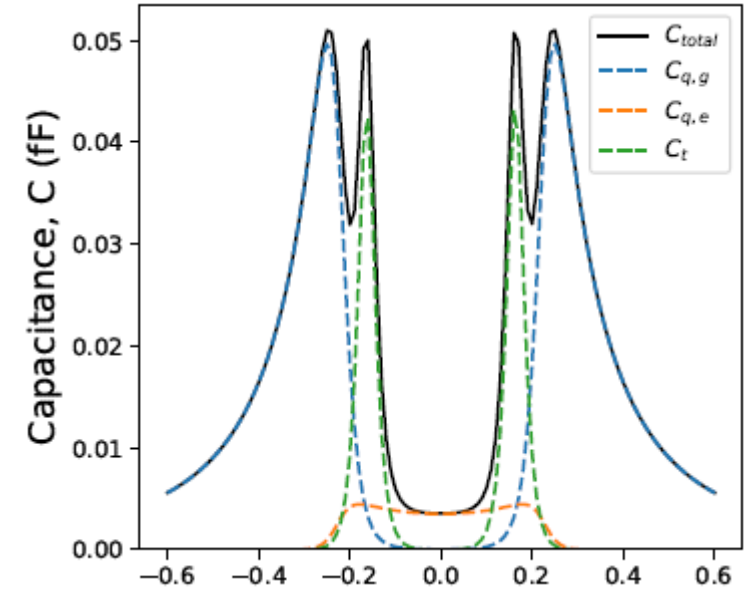
# Tunneling Capacitance contribution



1:1



2:1

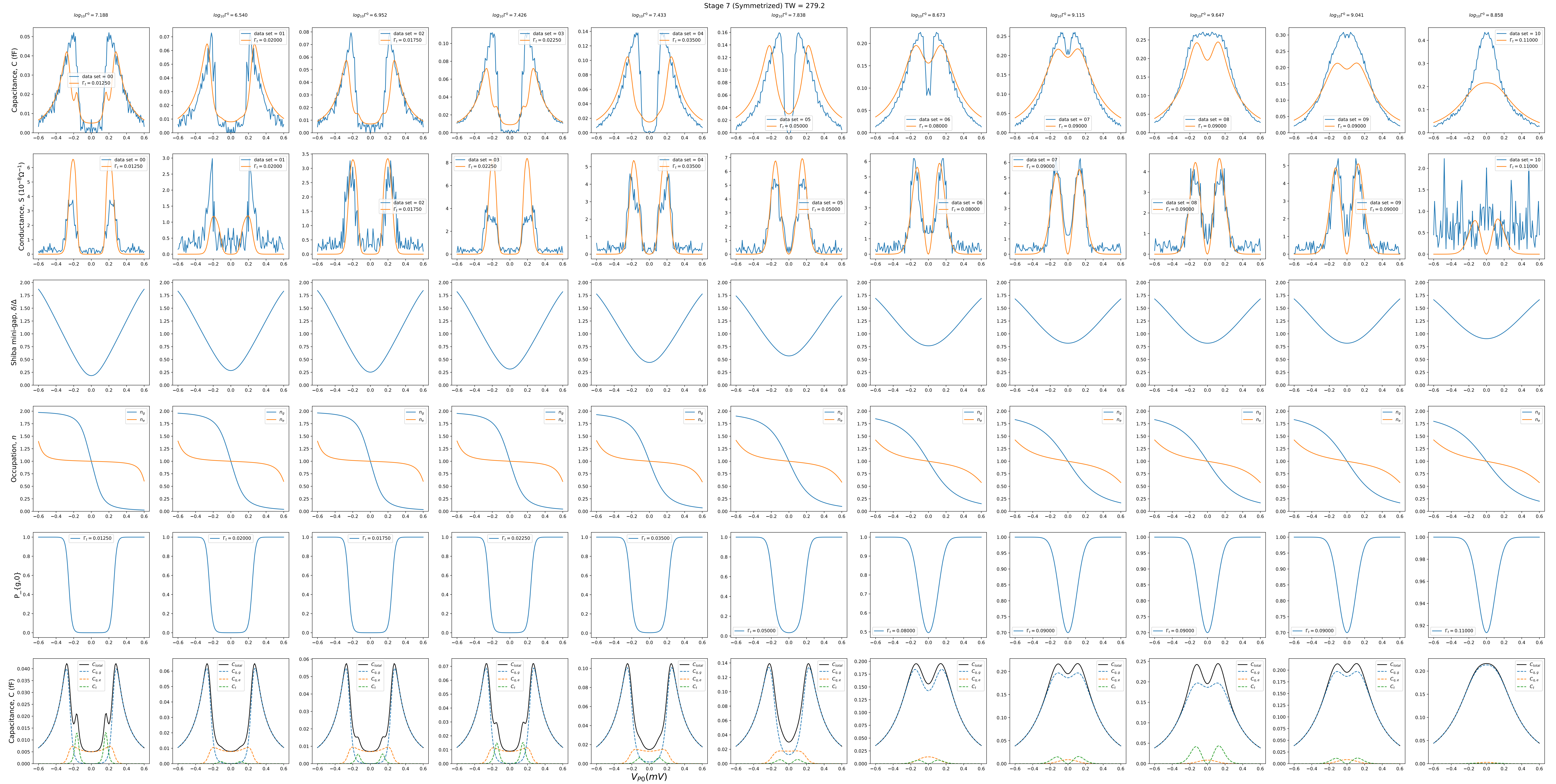


10:1

Tunneling Contribution increases when Capacitance contribution increases! This is also captured by the increasing intercept value in slide 1,2,3.



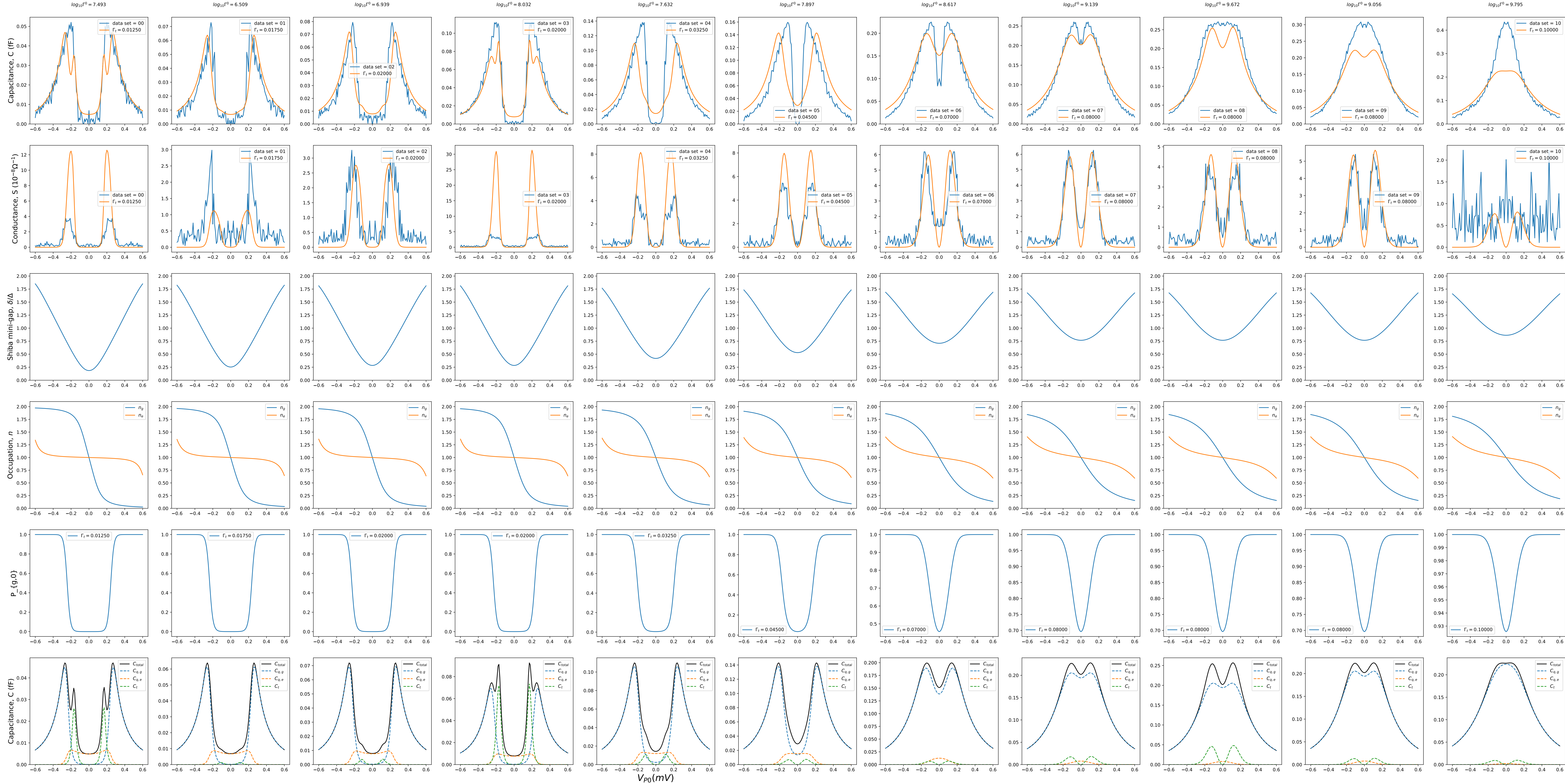
$T = 112.758mK$     $\alpha = 0.625$     $U = 0.416$     $\log_{10}N = 5.696$    **C:G = 1:1**





$T = 109.813\text{mK}$ 
 $\alpha = 0.615$ 
 $U = 0.416$ 
 $\log_{10}N = 5.481$ 
 $C:G = 2:1$

Stage 7 (Symmetrized) TW = 243.4





$T = 90.769\text{mK}$     $\alpha = 0.583$     $U = 0.416$     $\log_{10}N = 5.556$    C:G = 10:1

