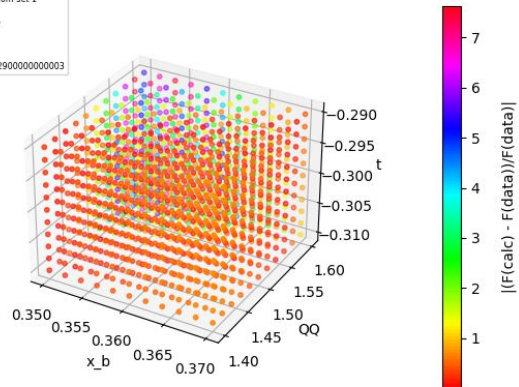


# Varying ReH, ReE and ReHtilde

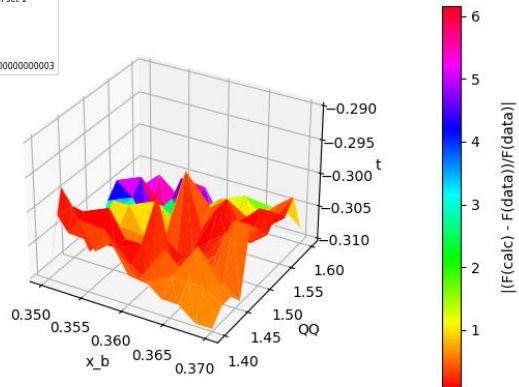
July 16, 2021

Varying ReH

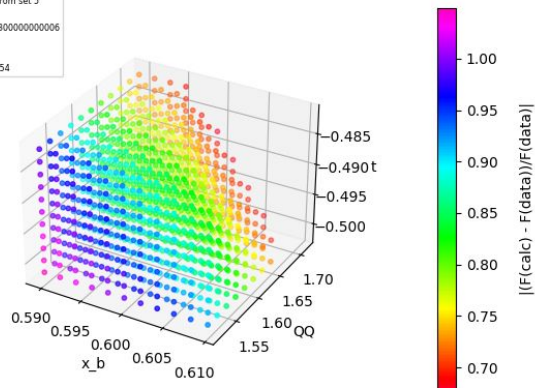
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = -10$   
 $ReE = -1.58545$   
 $ReHTilde = 3.3492900000000003$



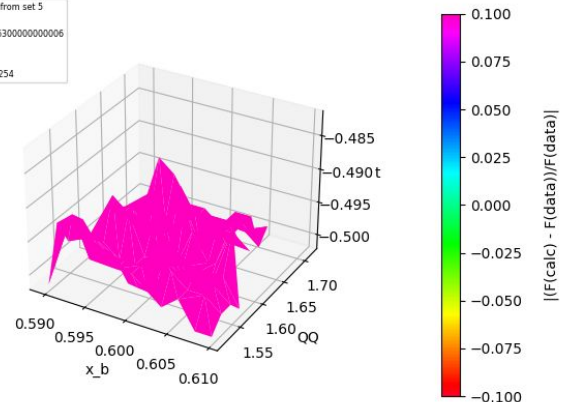
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = -10$   
 $ReE = -1.58545$   
 $ReHTilde = 3.3492900000000003$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = -10$   
 $ReE = -2.75212$   
 $ReHTilde = 5.40254$

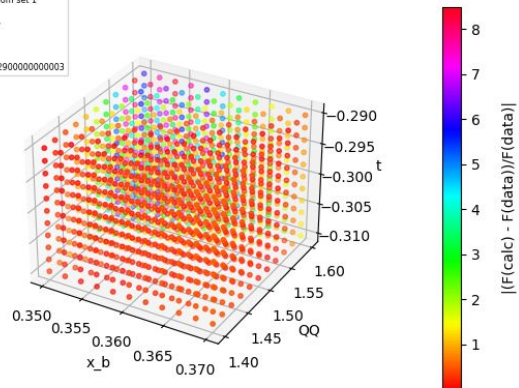


constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = -10$   
 $ReE = -2.75212$   
 $ReHTilde = 5.40254$

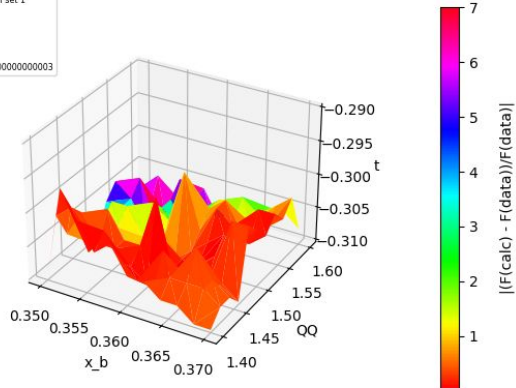


$ReH = -10$

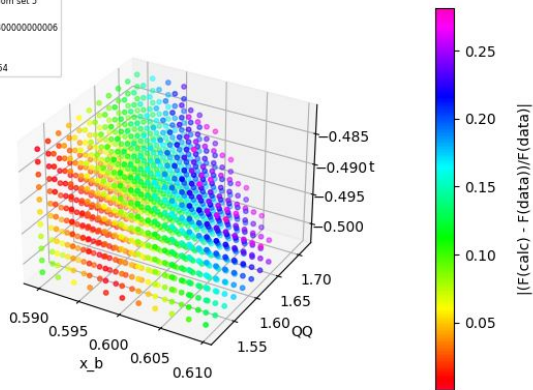
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.191719$   
 $ReE = -1.58545$   
 $ReHTilde = 3.3492900000000003$



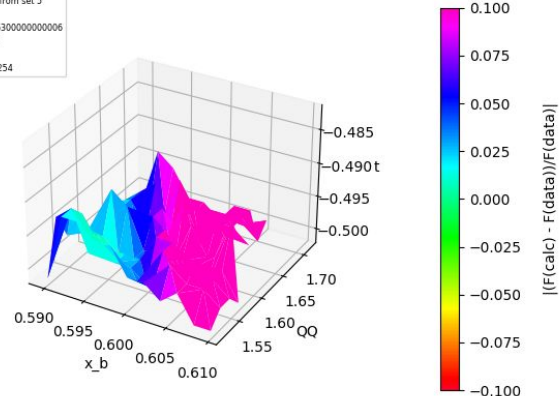
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.191719$   
 $ReE = -1.58545$   
 $ReHTilde = 3.3492900000000003$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 0.191719$   
 $ReE = -2.75212$   
 $ReHTilde = 5.40254$

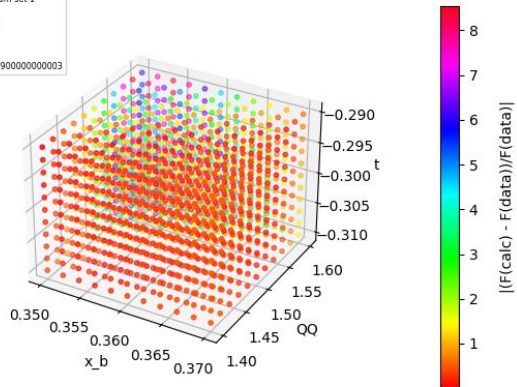


constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 0.191719$   
 $ReE = -2.75212$   
 $ReHTilde = 5.40254$

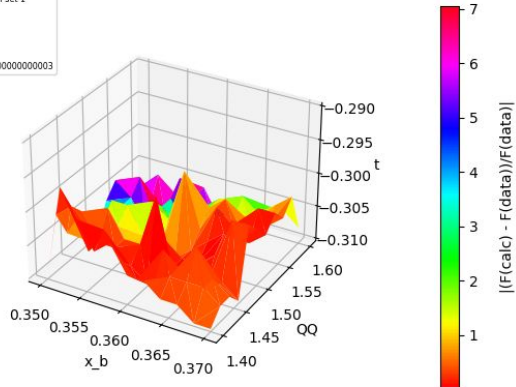


$ReH = 0.191719$

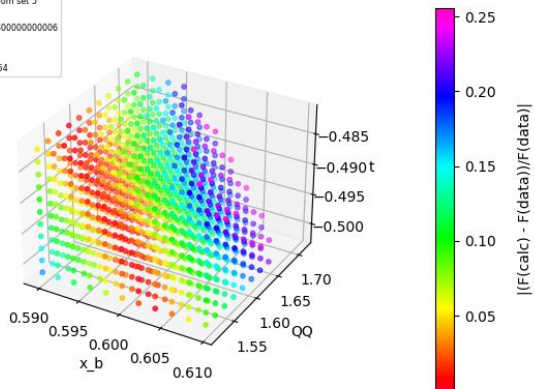
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.743515$   
 $ReE = -1.58545$   
 $ReHTilde = 3.3492900000000003$



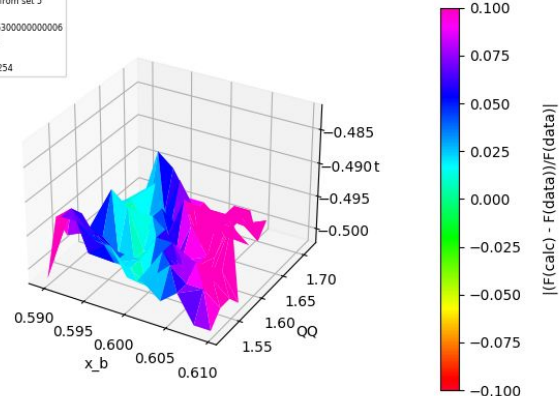
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.743515$   
 $ReE = -1.58545$   
 $ReHTilde = 3.3492900000000003$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 0.743515$   
 $ReE = -2.75212$   
 $ReHTilde = 5.40254$

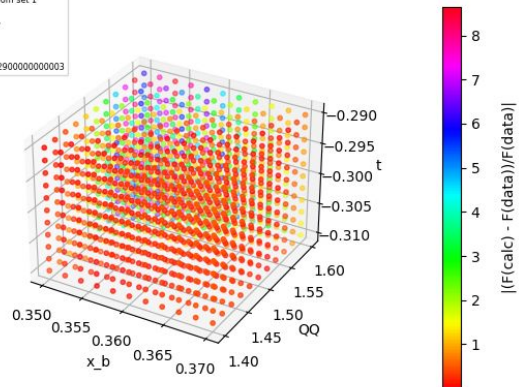


constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 0.743515$   
 $ReE = -2.75212$   
 $ReHTilde = 5.40254$

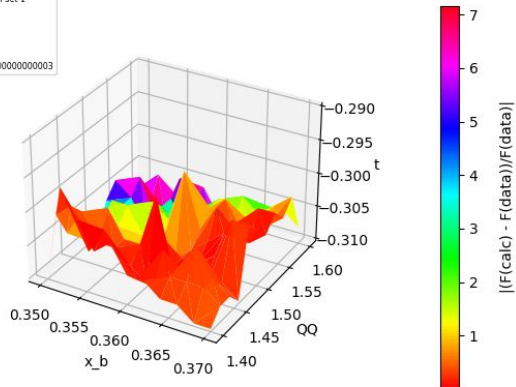


$ReH = 0.743515$   
 (true value)

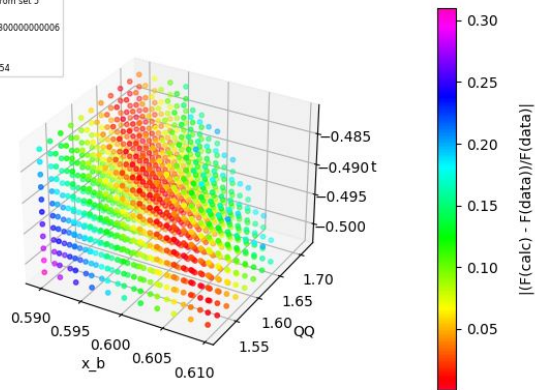
constants taken from set 1  
 $k = 2.75$   
 $\text{dvcs} = 0.0206597$   
 $\text{ReH} = 1.97773$   
 $\text{ReE} = -1.58545$   
 $\text{ReHTilde} = 3.3492900000000003$



constants taken from set 1  
 $k = 2.75$   
 $\text{dvcs} = 0.0206597$   
 $\text{ReH} = 1.97773$   
 $\text{ReE} = -1.58545$   
 $\text{ReHTilde} = 3.3492900000000003$

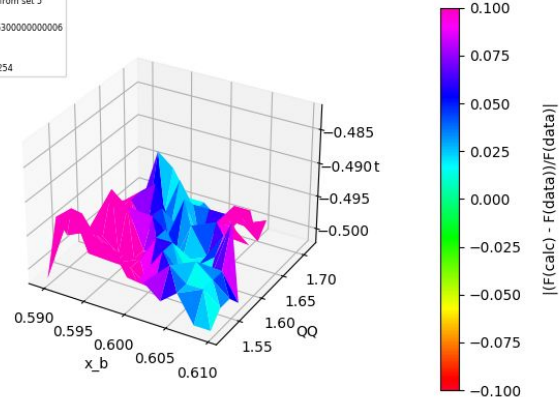


constants taken from set 5  
 $k = 2.75$   
 $\text{dvcs} = 0.037096300000000006$   
 $\text{ReH} = 1.97773$   
 $\text{ReE} = -2.75212$   
 $\text{ReHTilde} = 5.40254$

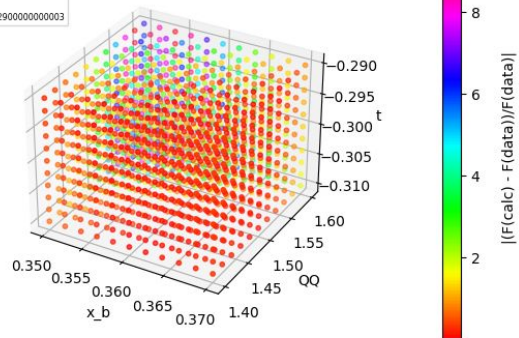


$\text{ReH} = 1.97773$

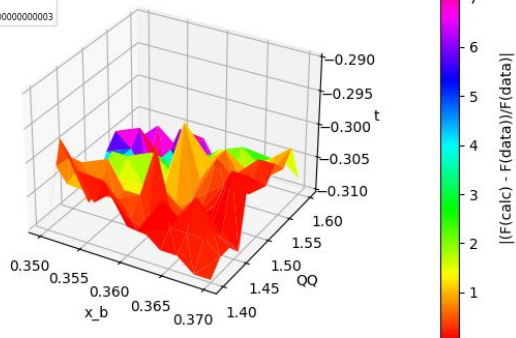
constants taken from set 5  
 $k = 2.75$   
 $\text{dvcs} = 0.037096300000000006$   
 $\text{ReH} = 1.97773$   
 $\text{ReE} = -2.75212$   
 $\text{ReHTilde} = 5.40254$



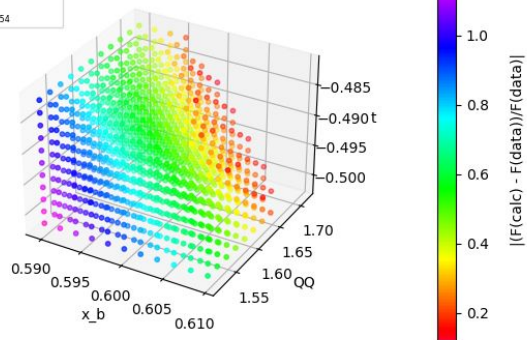
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 10$   
 $ReE = -1.58545$   
 $ReHTilde = 3.3492900000000003$



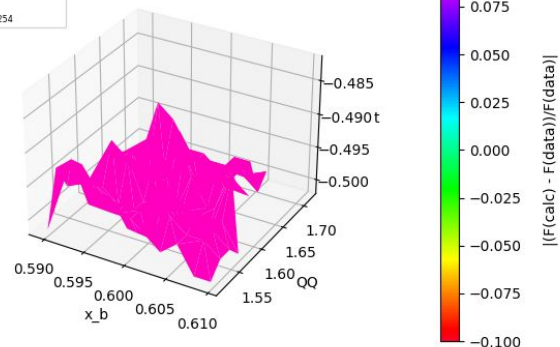
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 10$   
 $ReE = -1.58545$   
 $ReHTilde = 3.3492900000000003$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 10$   
 $ReE = -2.75212$   
 $ReHTilde = 5.40254$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 10$   
 $ReE = -2.75212$   
 $ReHTilde = 5.40254$

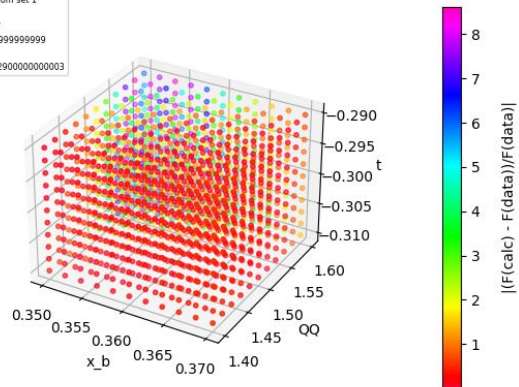


$ReH = 10$

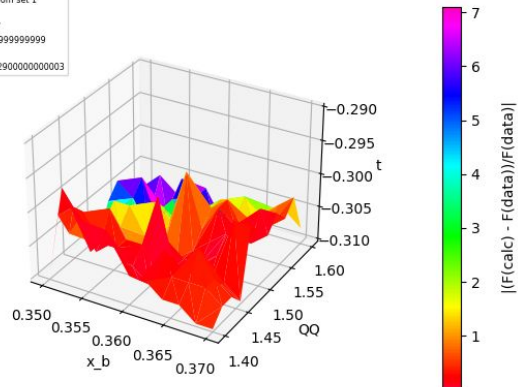
Varying ReE



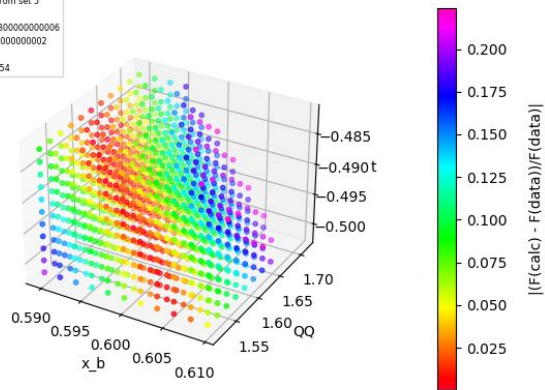
constants taken from set 1  
 $k = 2.75$   
 $\text{dvcs} = 0.0206597$   
 $\text{ReH} = 0.7435149999999999$   
 $\text{ReE} = -10$   
 $\text{ReHTilde} = 3.3492900000000003$



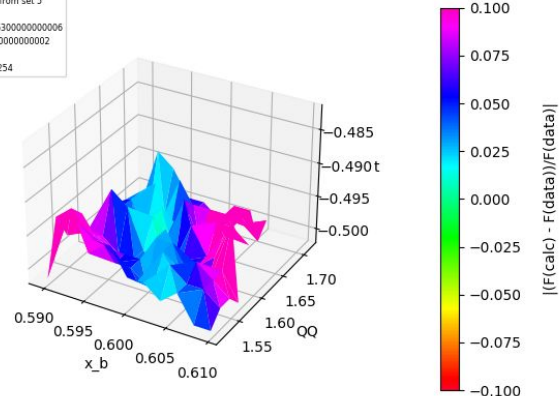
constants taken from set 1  
 $k = 2.75$   
 $\text{dvcs} = 0.0206597$   
 $\text{ReH} = 0.7435149999999999$   
 $\text{ReE} = -10$   
 $\text{ReHTilde} = 3.3492900000000003$



constants taken from set 5  
 $k = 2.75$   
 $\text{dvcs} = 0.037096300000000006$   
 $\text{ReH} = 1.9280400000000002$   
 $\text{ReE} = -10$   
 $\text{ReHTilde} = 5.40254$

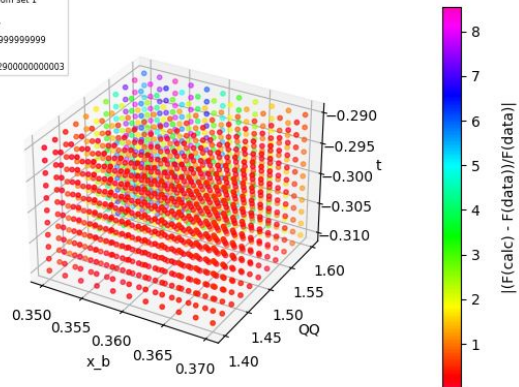


constants taken from set 5  
 $k = 2.75$   
 $\text{dvcs} = 0.037096300000000006$   
 $\text{ReH} = 1.9280400000000002$   
 $\text{ReE} = -10$   
 $\text{ReHTilde} = 5.40254$

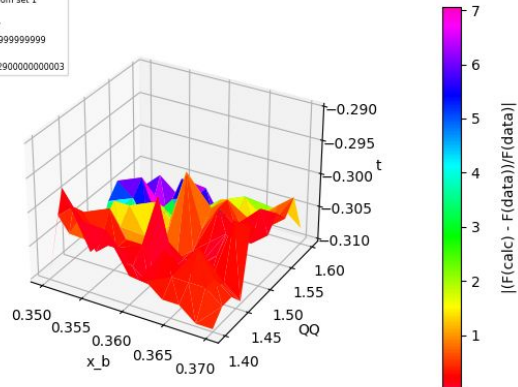


$\text{ReE} = -10$

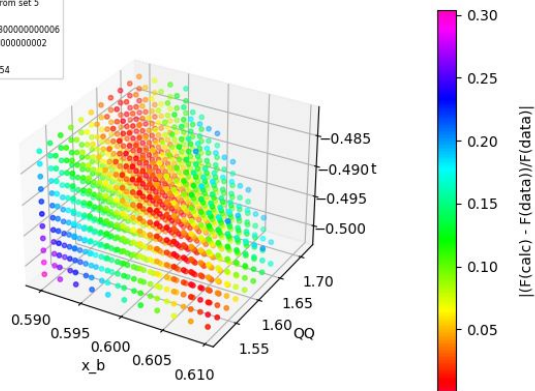
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -2.7934$   
 $ReHTilde = 3.3492900000000003$



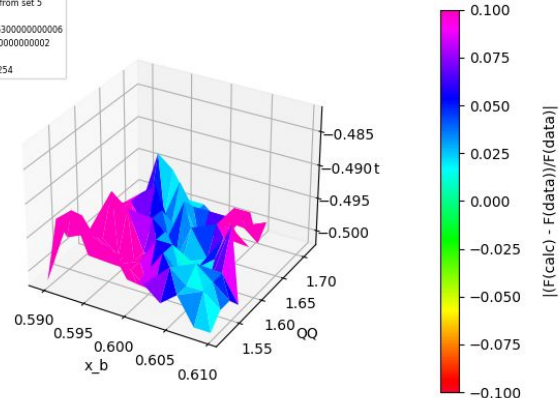
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -2.7934$   
 $ReHTilde = 3.3492900000000003$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.9280400000000002$   
 $ReE = -2.7934$   
 $ReHTilde = 5.40254$

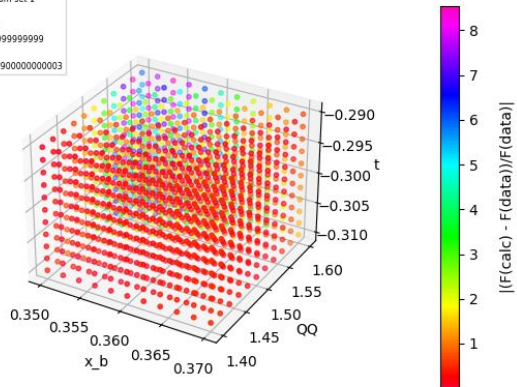


constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.9280400000000002$   
 $ReE = -2.7934$   
 $ReHTilde = 5.40254$

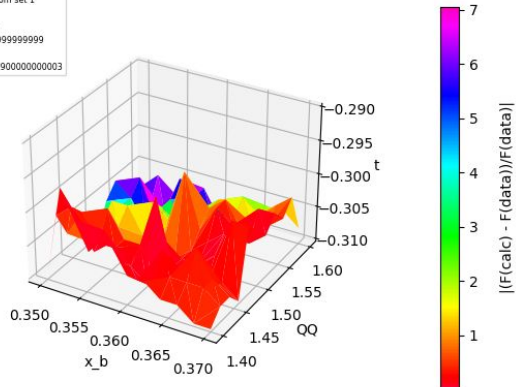


$ReE = -2.7934$

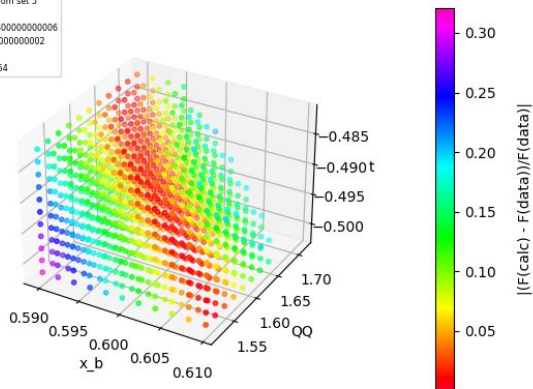
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -1.58545$   
 $ReHTilde = 3.3492900000000003$



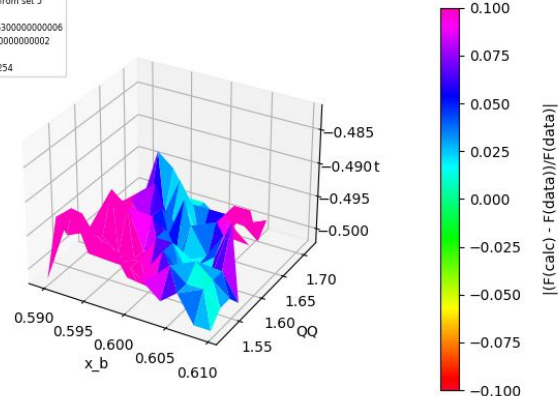
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -1.58545$   
 $ReHTilde = 3.3492900000000003$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.928040000000000002$   
 $ReE = -1.58545$   
 $ReHTilde = 5.40254$

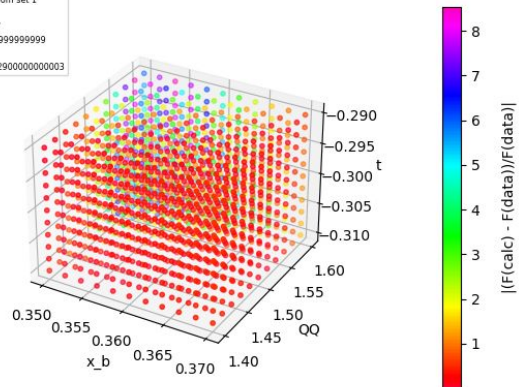


constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.928040000000000002$   
 $ReE = -1.58545$   
 $ReHTilde = 5.40254$

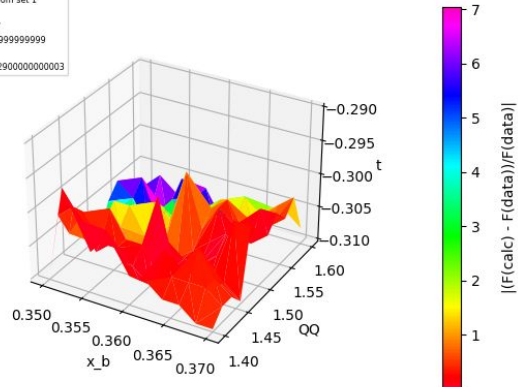


$ReE = -1.58545$   
 (true value)

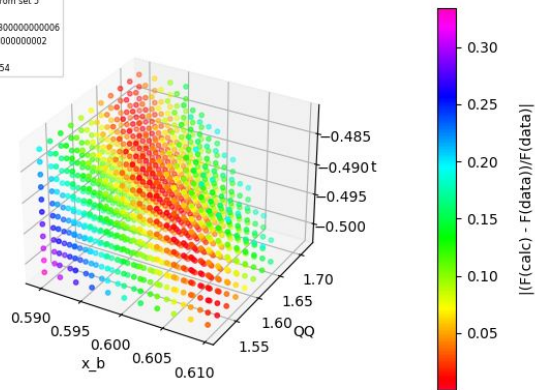
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -0.64871$   
 $ReHTilde = 3.3492900000000003$



constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -0.64871$   
 $ReHTilde = 3.3492900000000003$

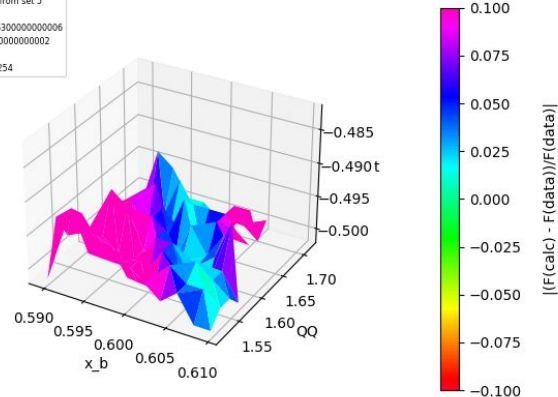


constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.9280400000000002$   
 $ReE = -0.64781$   
 $ReHTilde = 5.40254$

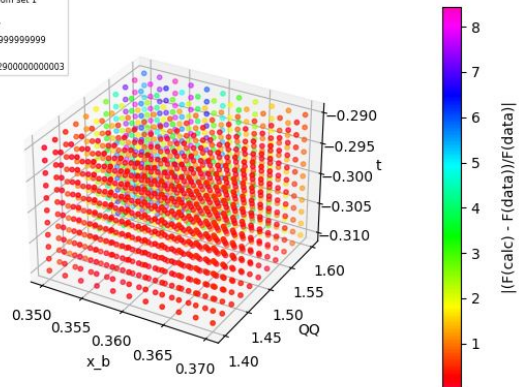


$ReE = -0.64781$

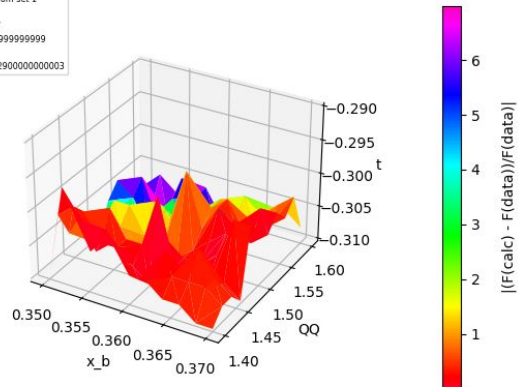
constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.9280400000000002$   
 $ReE = -0.64781$   
 $ReHTilde = 5.40254$



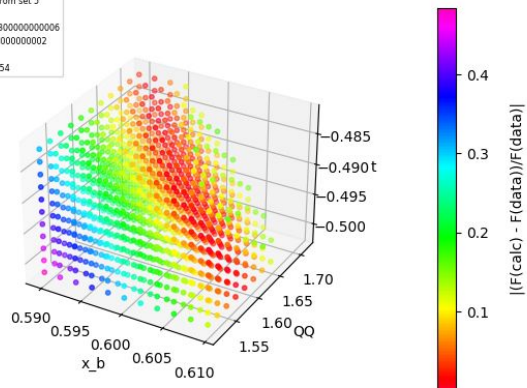
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = 10$   
 $ReHtIide = 3.3492900000000003$



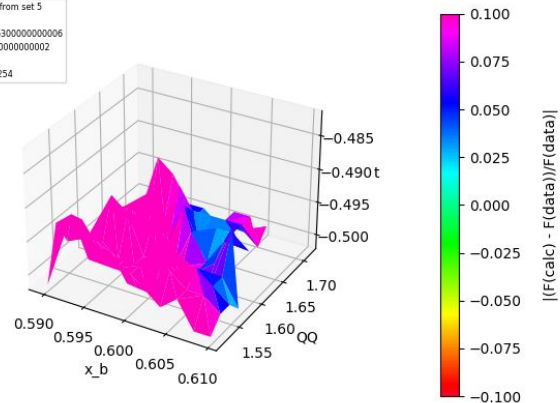
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = 10$   
 $ReHtIide = 3.3492900000000003$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.9280400000000002$   
 $ReE = 10$   
 $ReHtIide = 5.40254$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.9280400000000002$   
 $ReE = 10$   
 $ReHtIide = 5.40254$

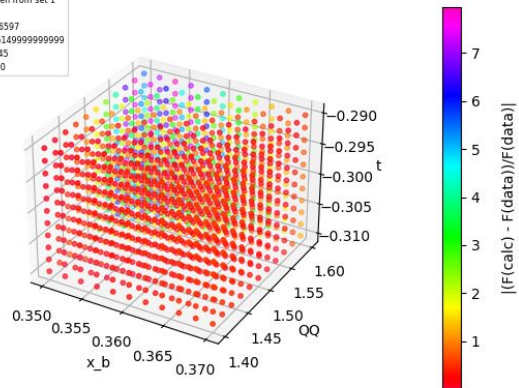


$ReE = 10$

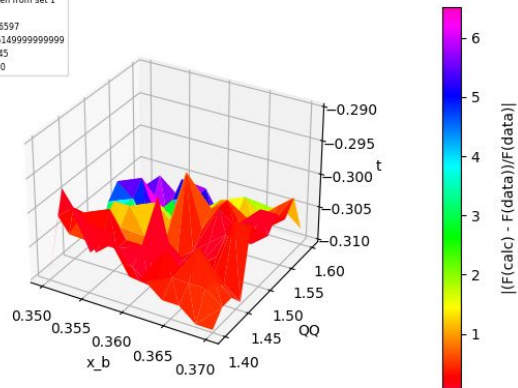
Varying ReHtilde



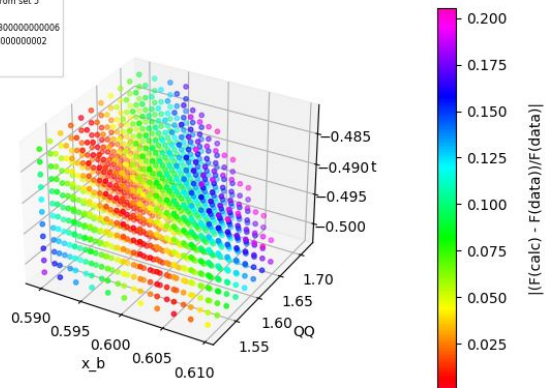
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -1.58545$   
 $ReHilde = -10$



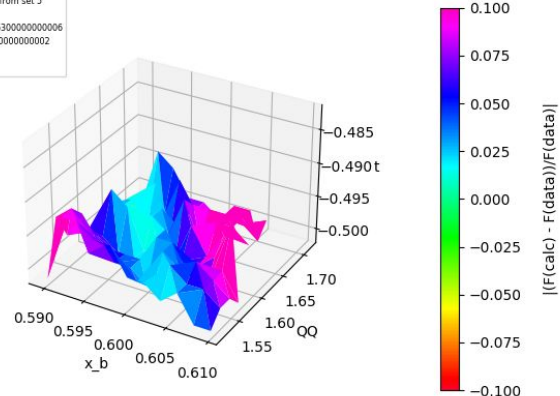
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -1.58545$   
 $ReHilde = -10$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.928040000000000002$   
 $ReE = -2.75212$   
 $ReHilde = -10$

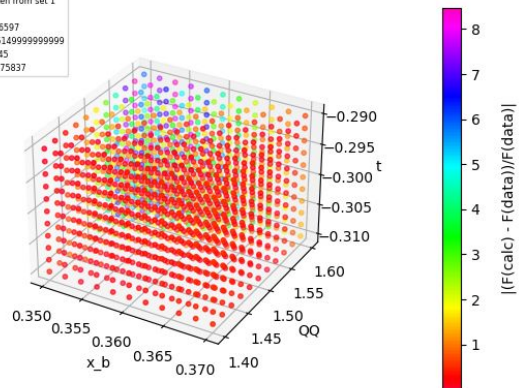


constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.928040000000000002$   
 $ReE = -2.75212$   
 $ReHilde = -10$

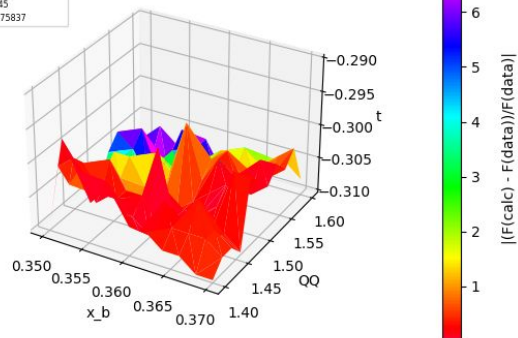


$ReH \sim -10$

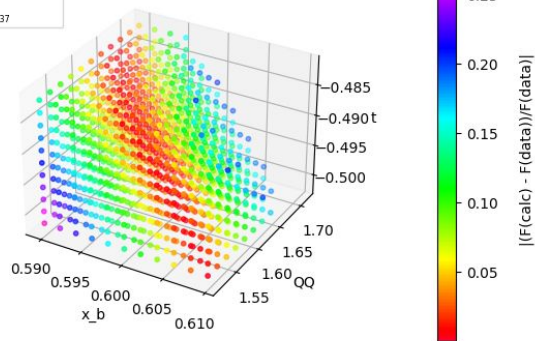
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -1.58545$   
 $ReHTilde = 1.75837$



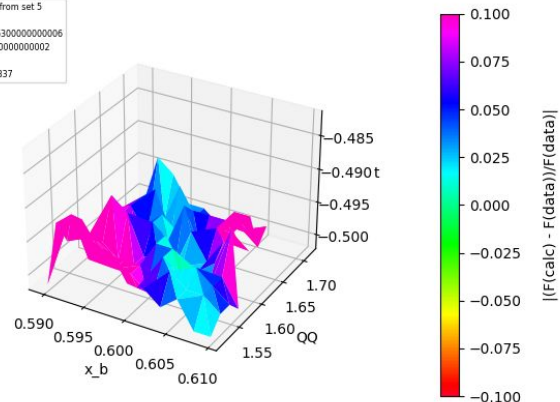
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -1.58545$   
 $ReHTilde = 1.75837$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.928040000000000002$   
 $ReE = -2.75212$   
 $ReHTilde = 1.75837$



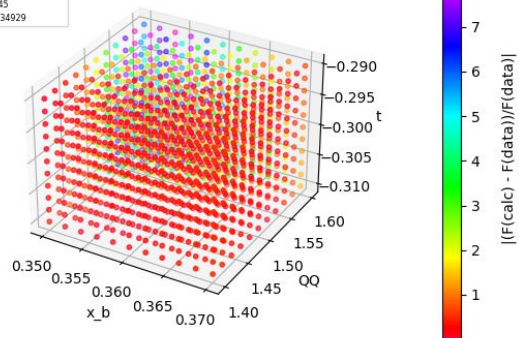
constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.928040000000000002$   
 $ReE = -2.75212$   
 $ReHTilde = 1.75837$



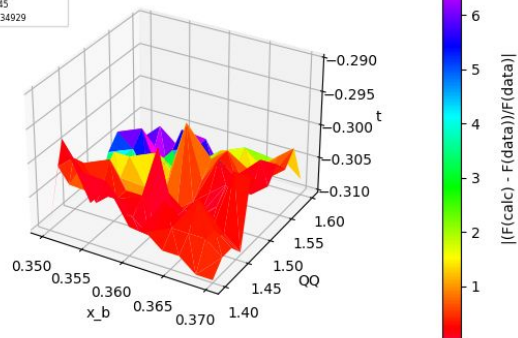
$ReH \sim = 1.75837$



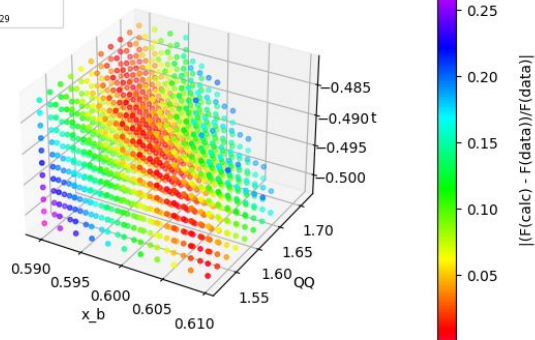
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -1.58545$   
 $ReHilde = 3.34929$



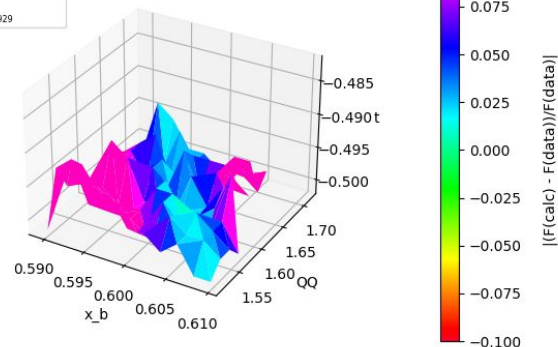
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -1.58545$   
 $ReHilde = 3.34929$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.928040000000000002$   
 $ReE = -2.75212$   
 $ReHilde = 3.34929$

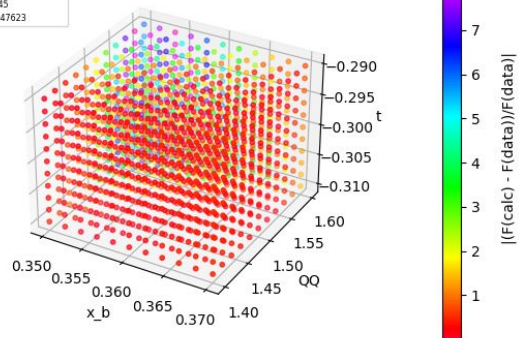


constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.928040000000000002$   
 $ReE = -2.75212$   
 $ReHilde = 3.34929$

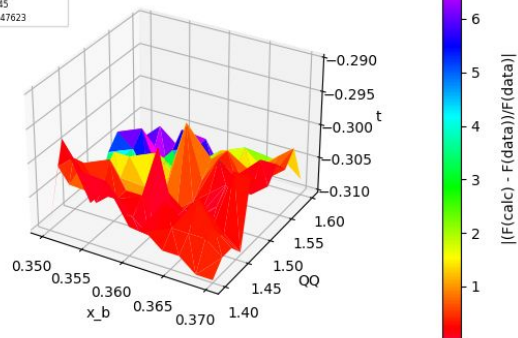


$ReH \sim = 3.34929$   
 (true value)

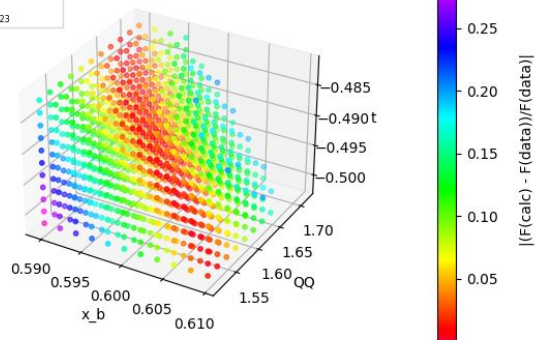
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -1.58545$   
 $ReHilde = 5.47623$



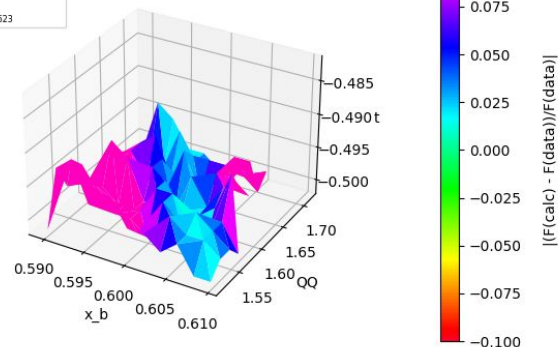
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -1.58545$   
 $ReHilde = 5.47623$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.928040000000000002$   
 $ReE = -2.75212$   
 $ReHilde = 5.47623$

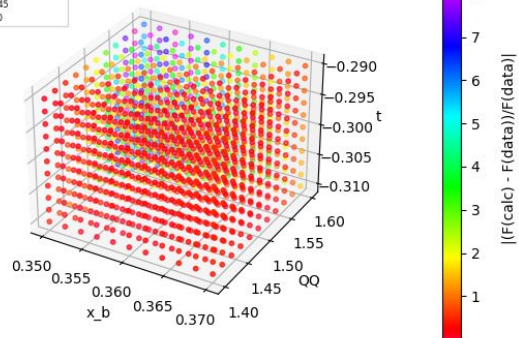


constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.928040000000000002$   
 $ReE = -2.75212$   
 $ReHilde = 5.47623$

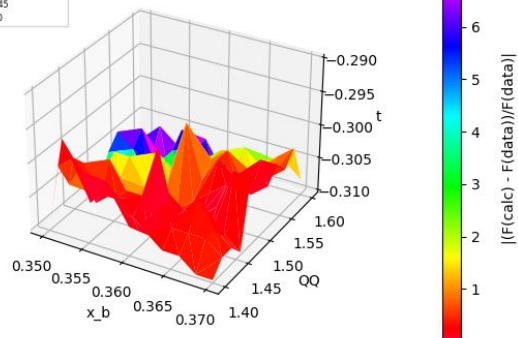


$ReH \sim = 5.47623$

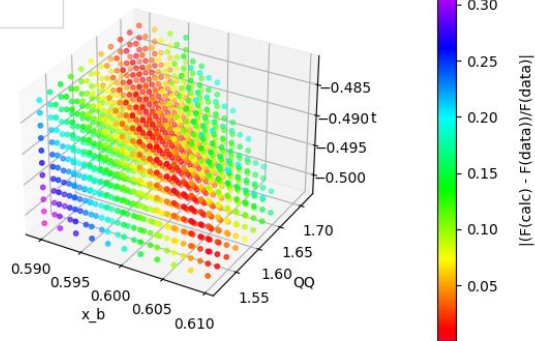
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -1.58545$   
 $ReHTilde = 10$



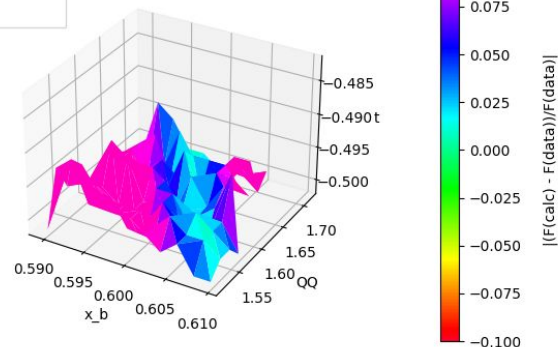
constants taken from set 1  
 $k = 2.75$   
 $dvcs = 0.0206597$   
 $ReH = 0.7435149999999999$   
 $ReE = -1.58545$   
 $ReHTilde = 10$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.9280400000000002$   
 $ReE = -2.75212$   
 $ReHTilde = 10$



constants taken from set 5  
 $k = 2.75$   
 $dvcs = 0.037096300000000006$   
 $ReH = 1.9280400000000002$   
 $ReE = -2.75212$   
 $ReHTilde = 10$



$ReH \sim = 10$