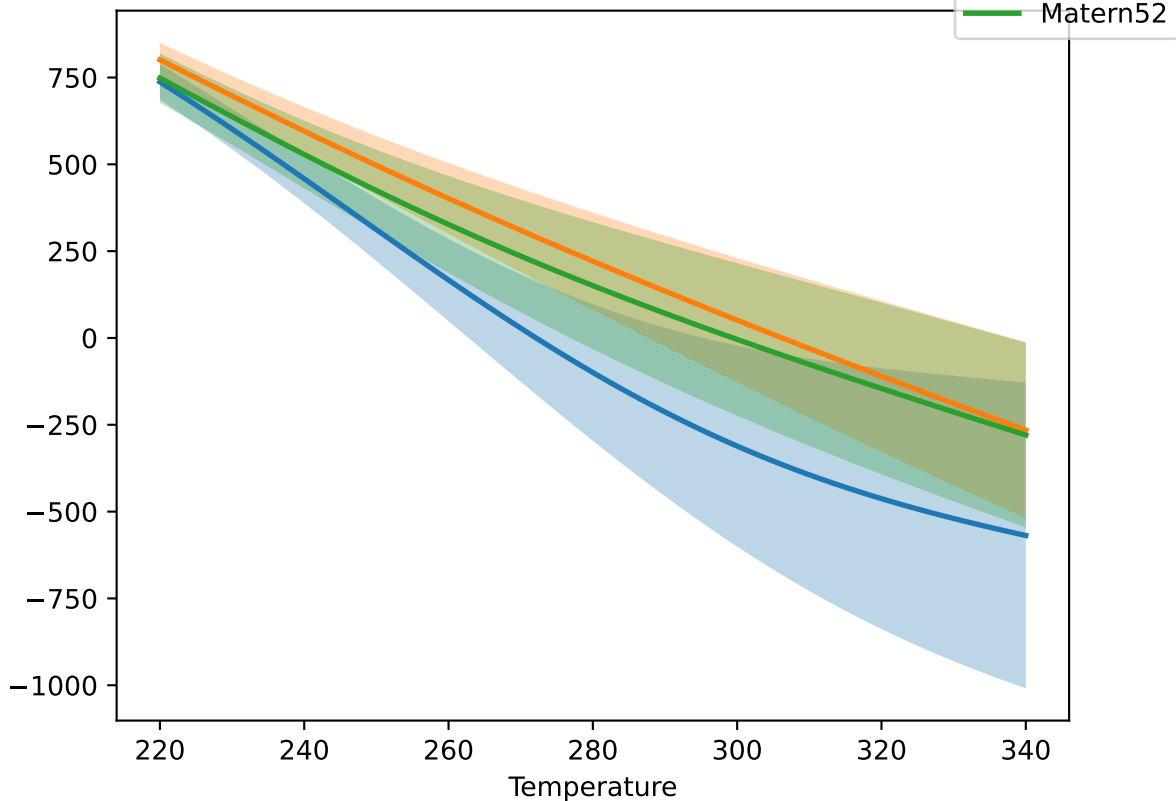
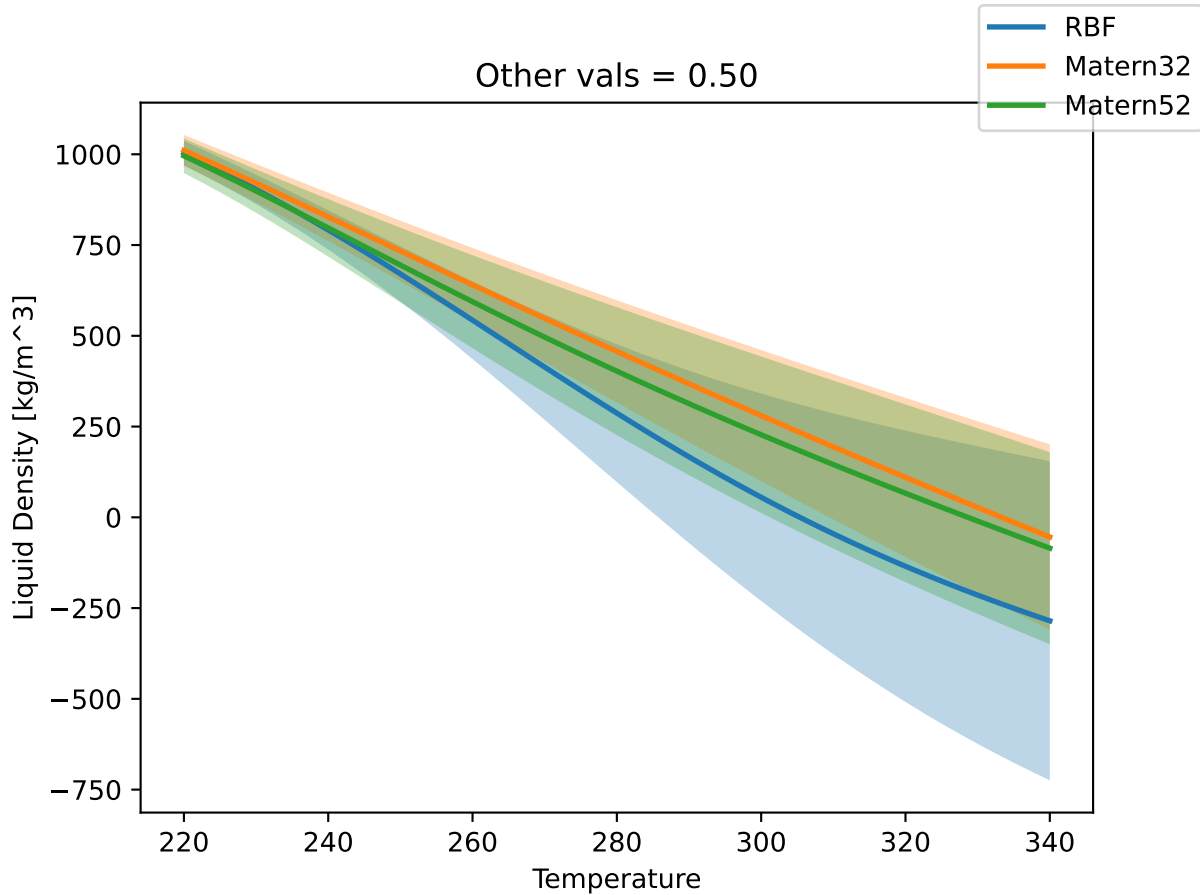


Other vals = 0.40

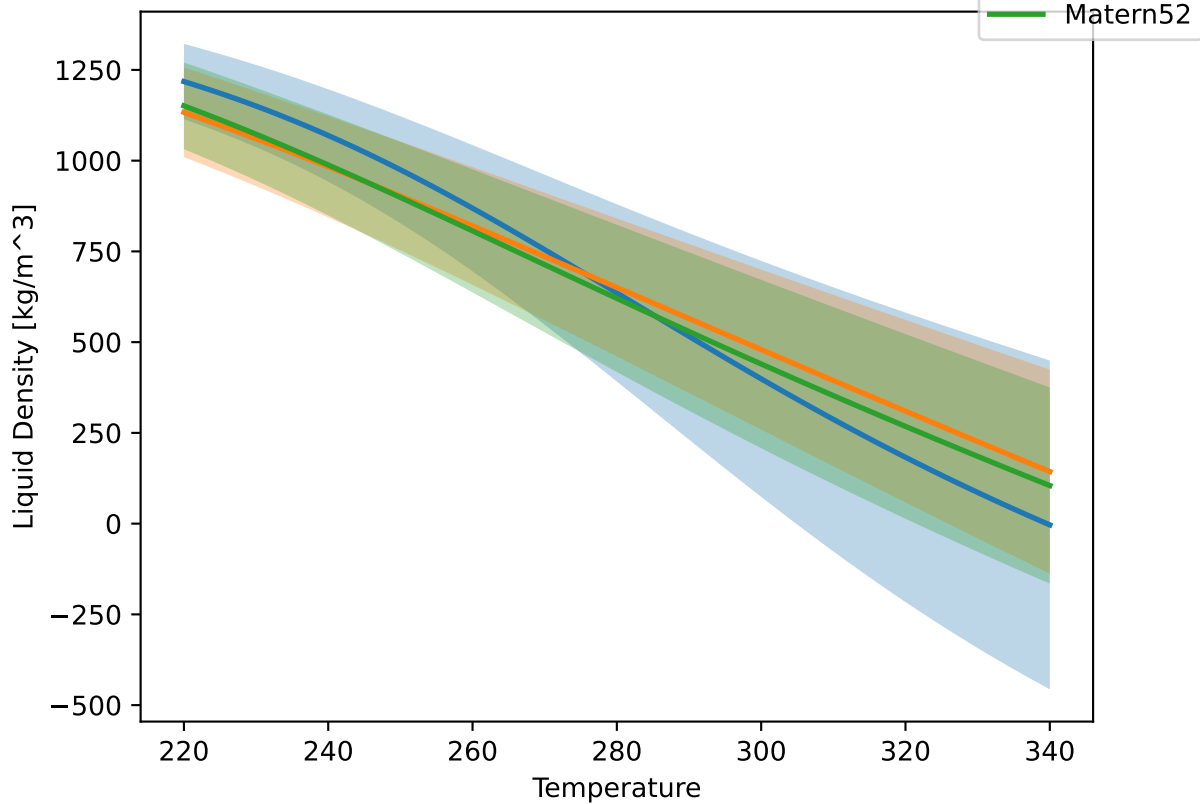
Liquid Density [kg/m<sup>3</sup>]



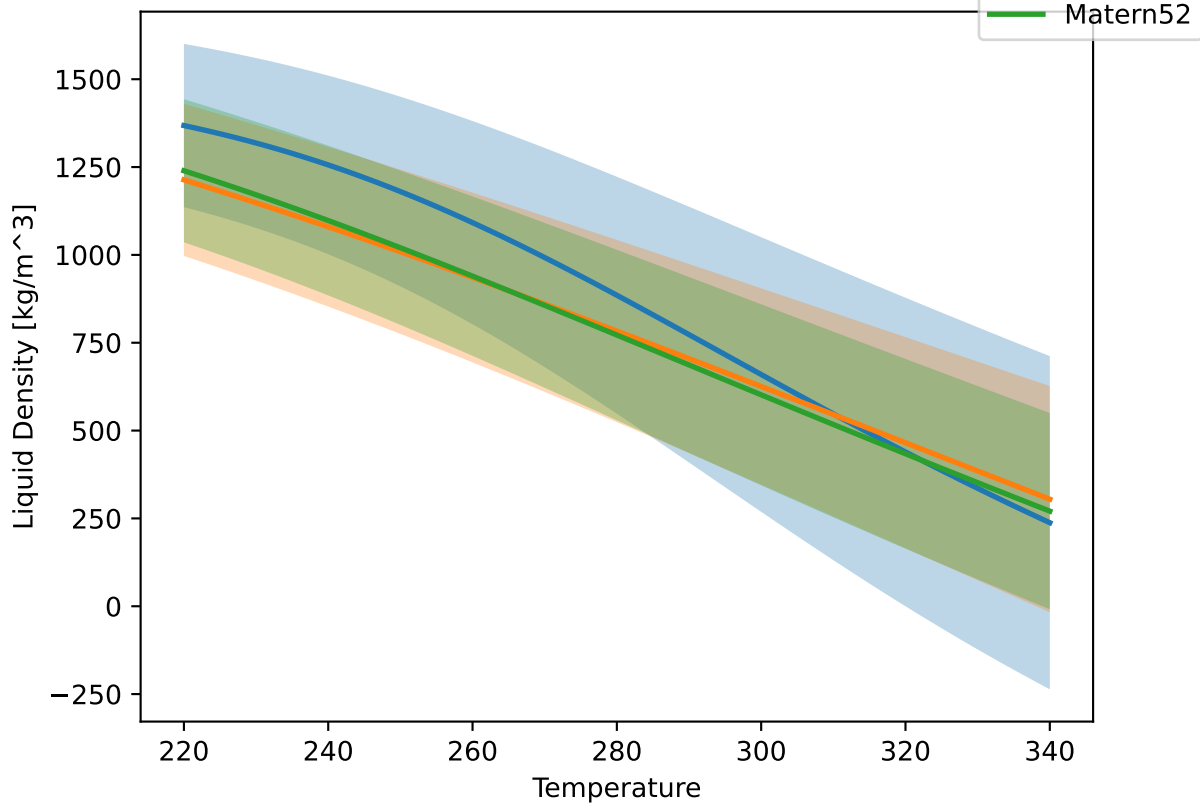




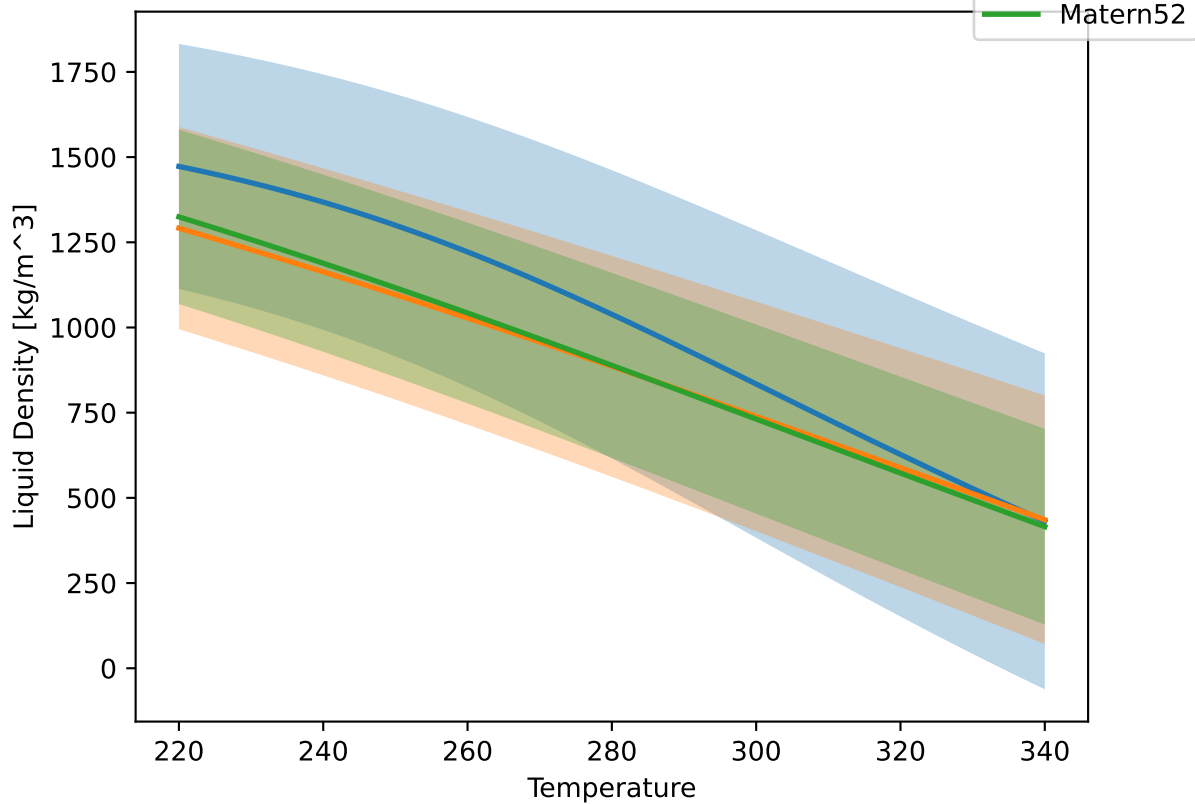
Other vals = 0.60



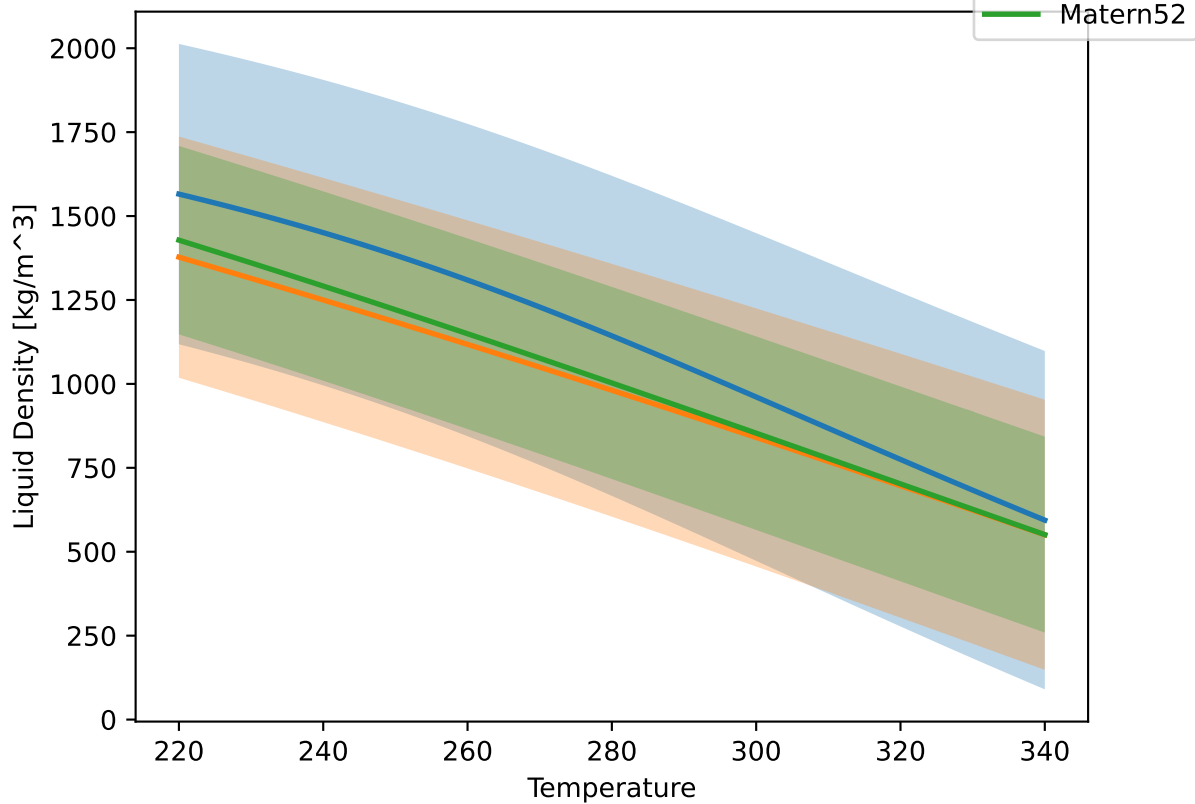
Other vals = 0.70



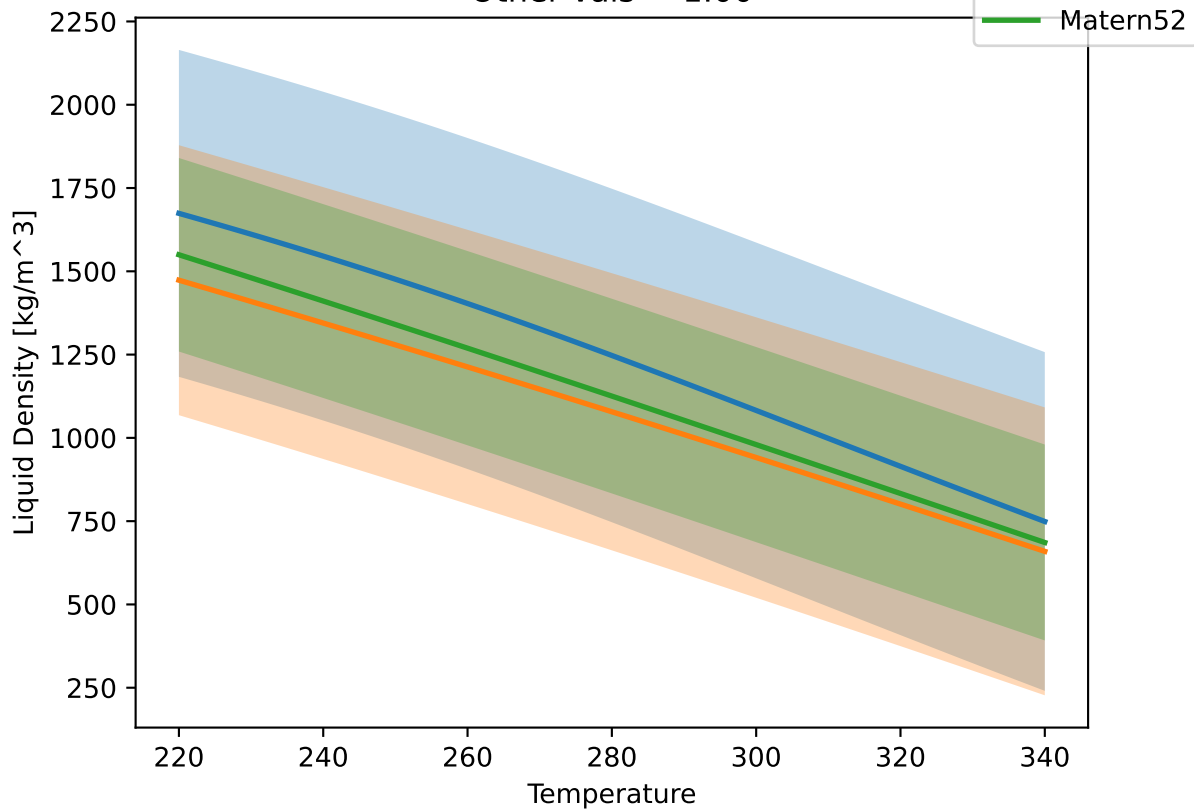
Other vals = 0.80



Other vals = 0.90

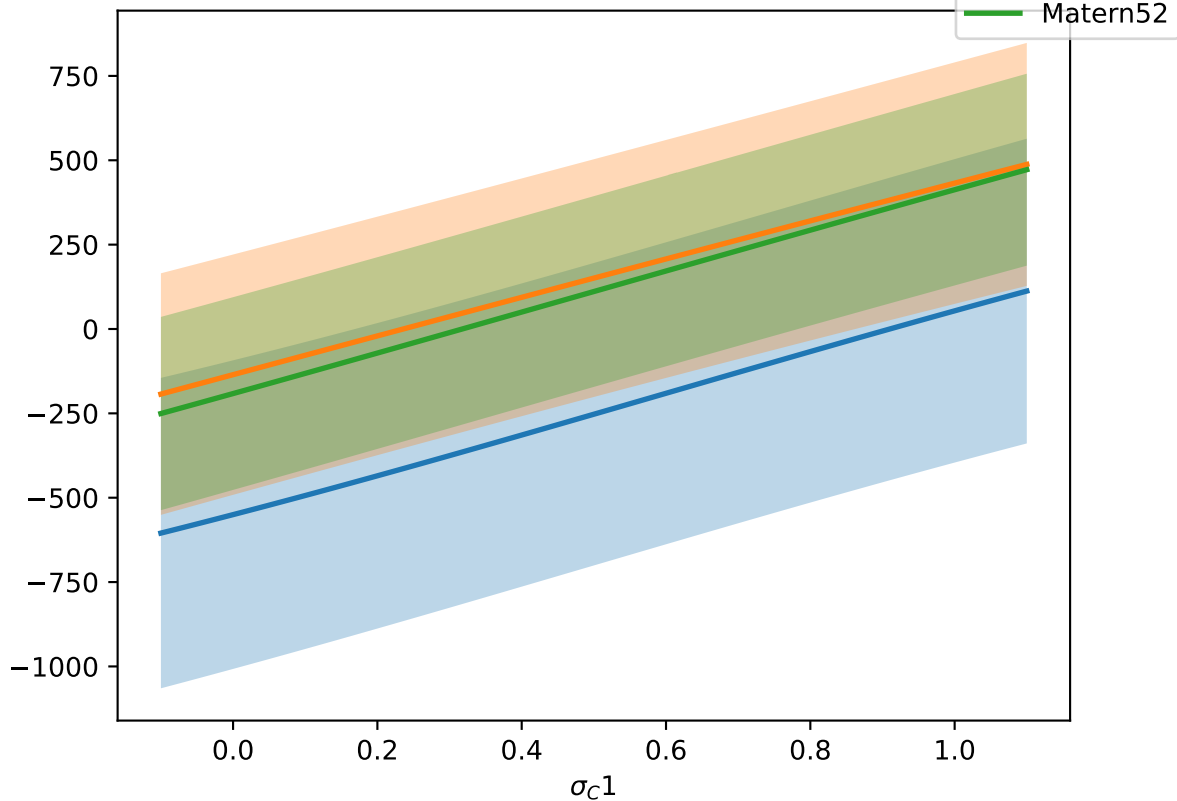


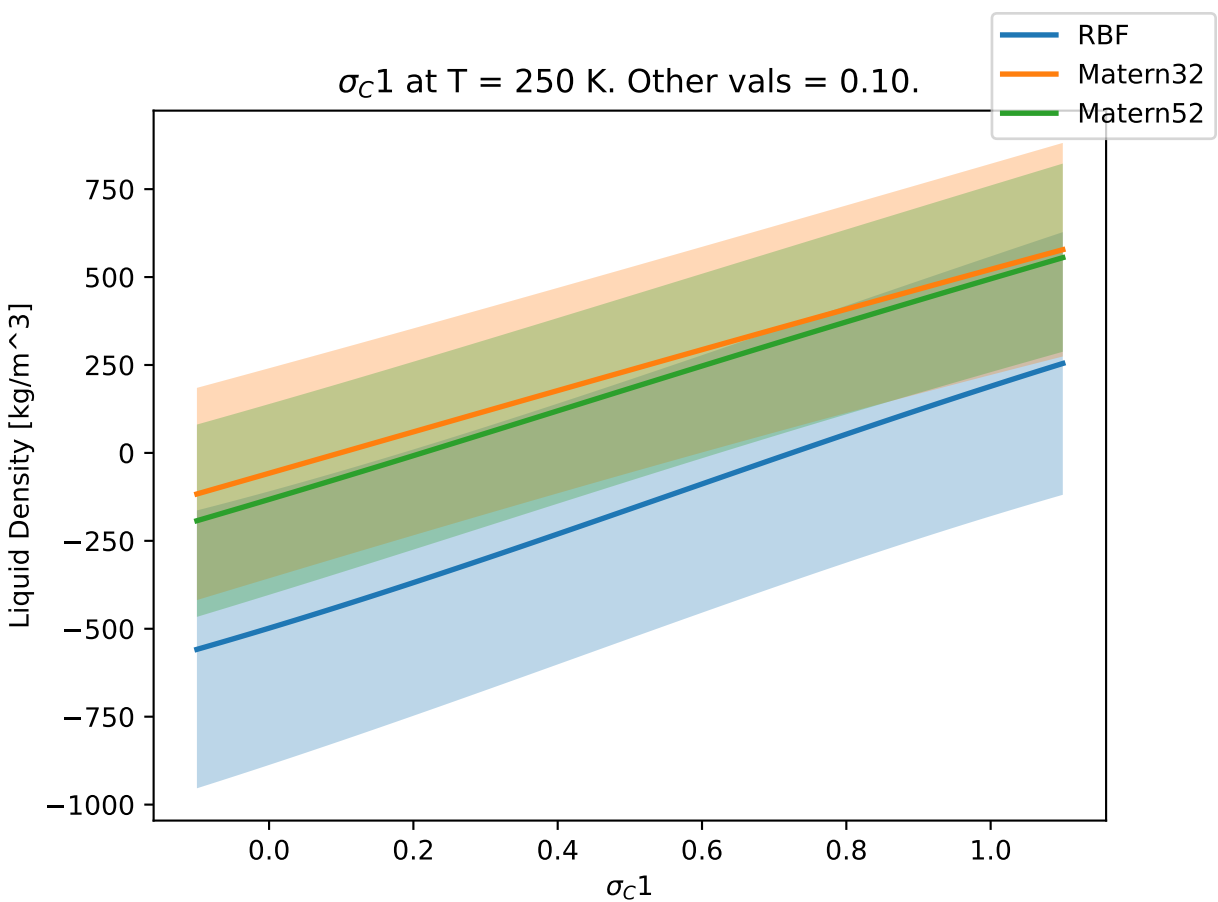
Other vals = 1.00



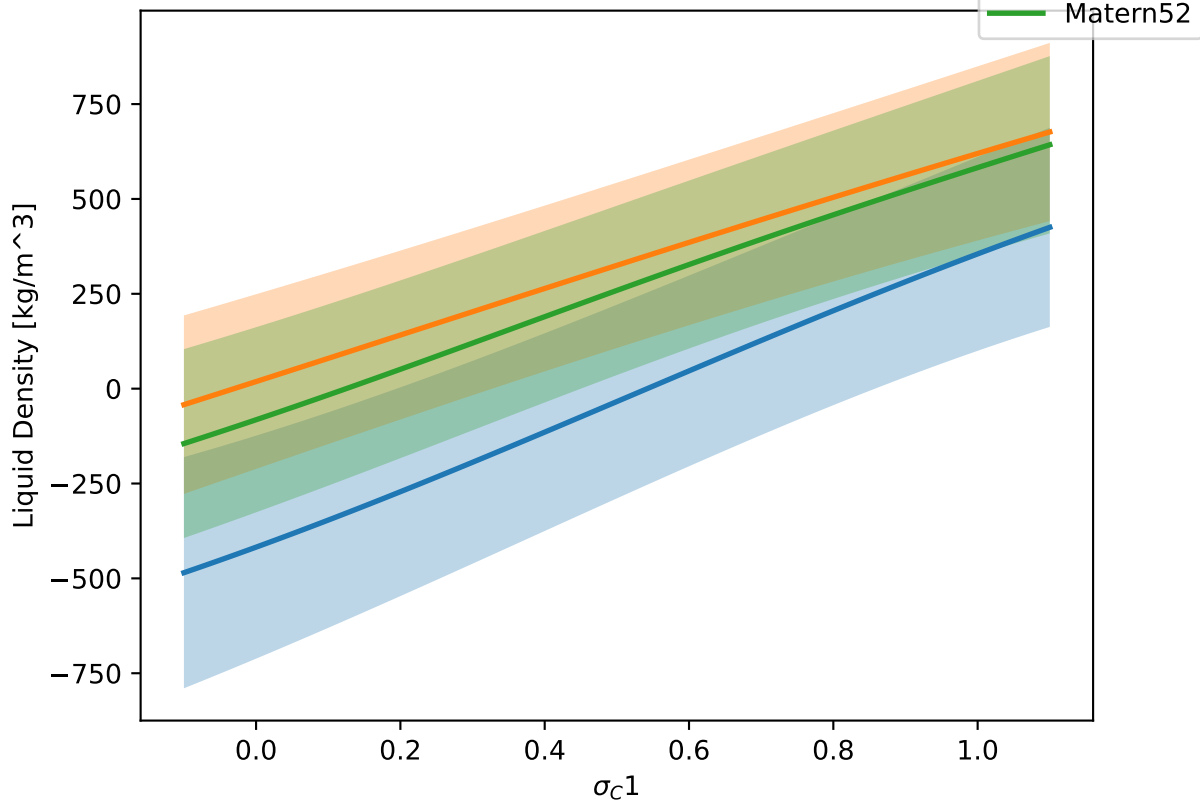
$\sigma_c1$  at T = 250 K. Other vals = 0.00.

Liquid Density [kg/m<sup>3</sup>]



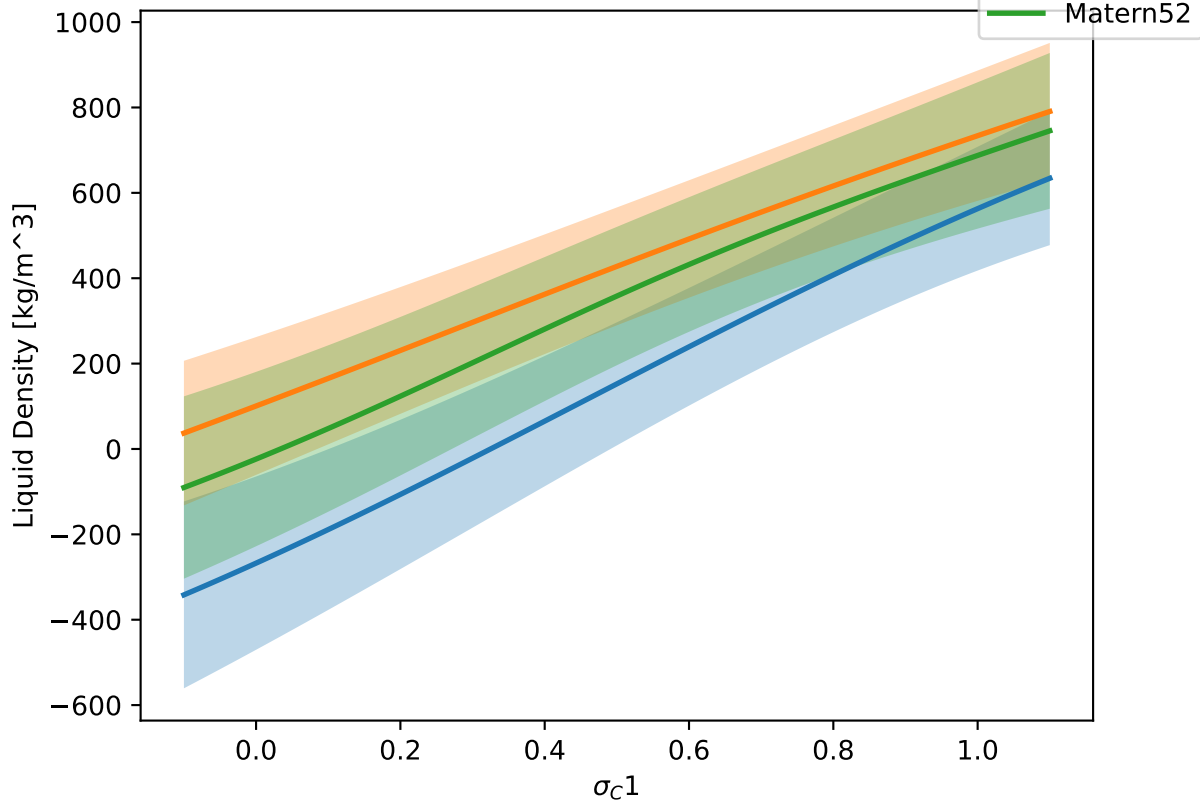


$\sigma_C1$  at T = 250 K. Other vals = 0.20.

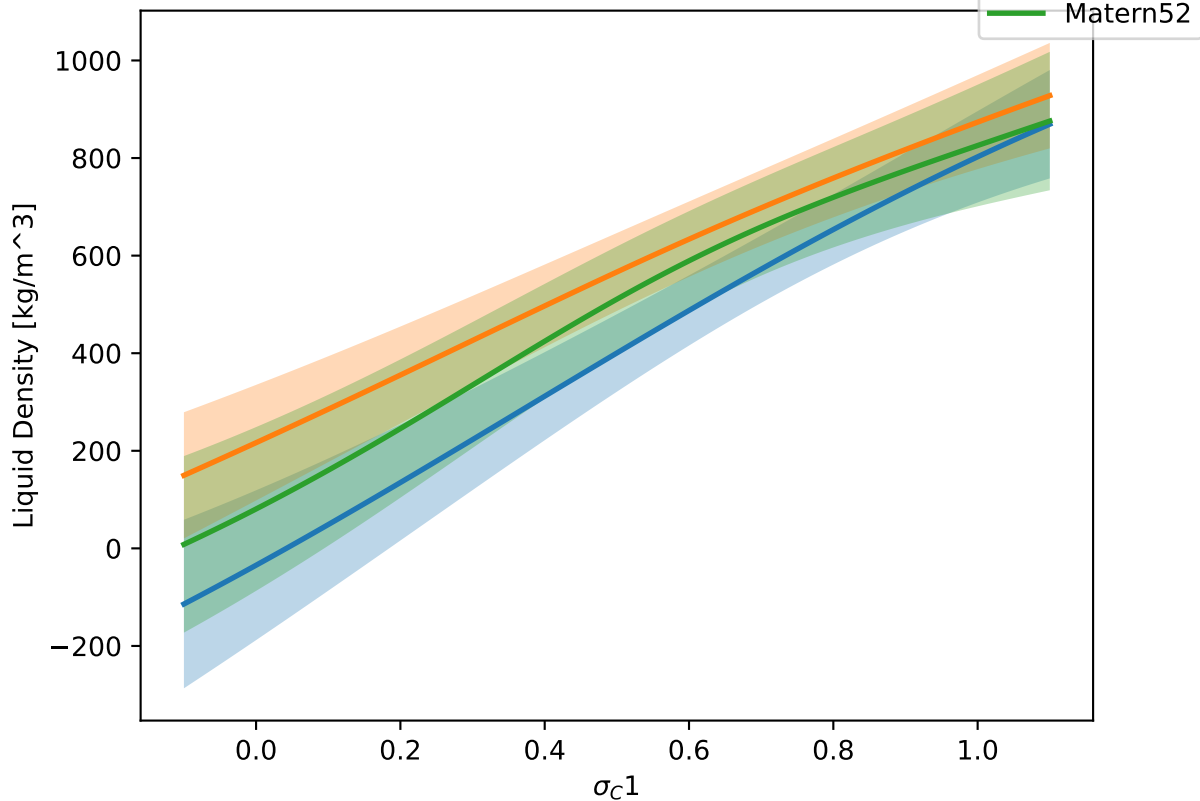




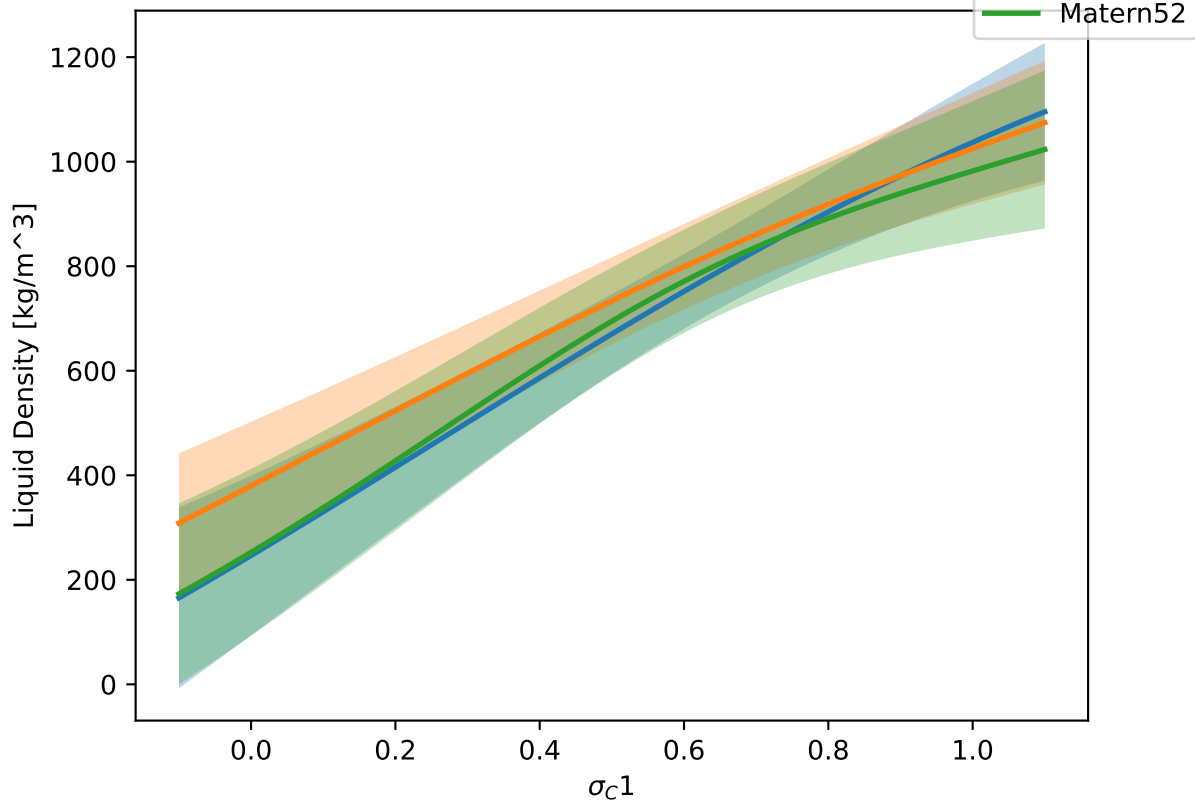
$\sigma_C1$  at T = 250 K. Other vals = 0.30.



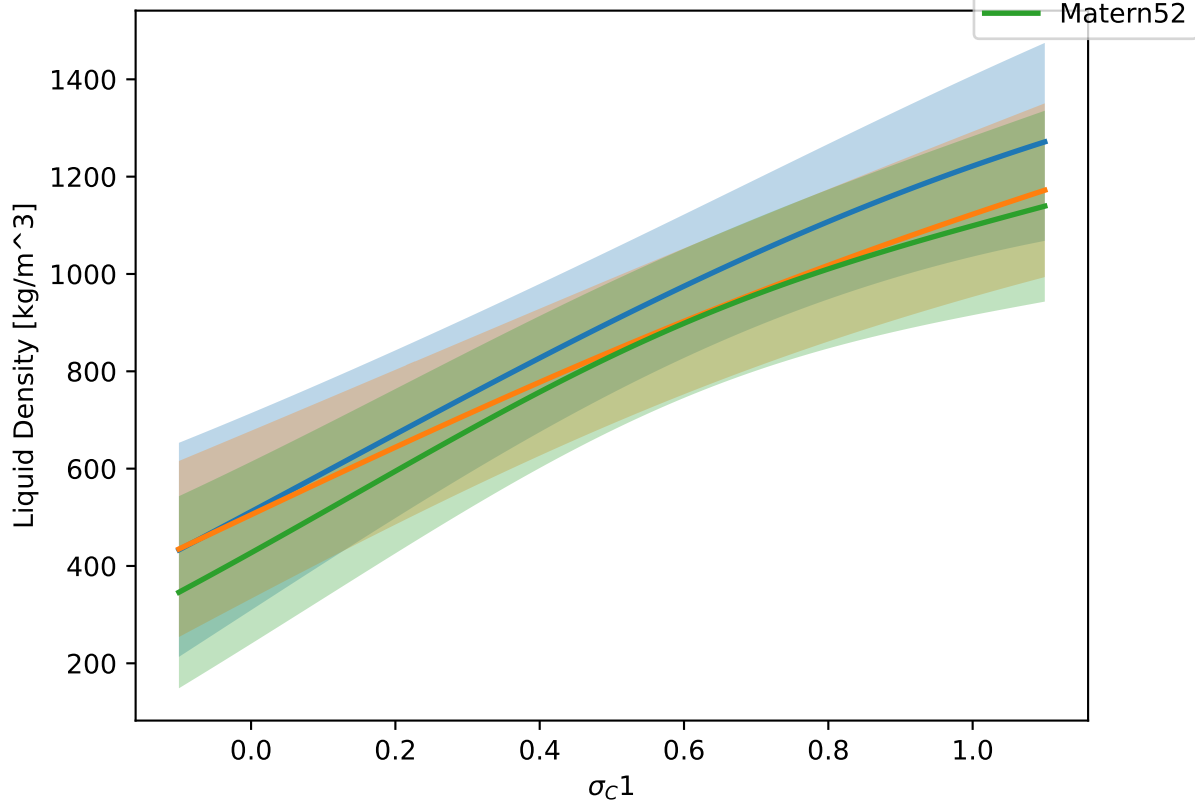
$\sigma_C1$  at T = 250 K. Other vals = 0.40.



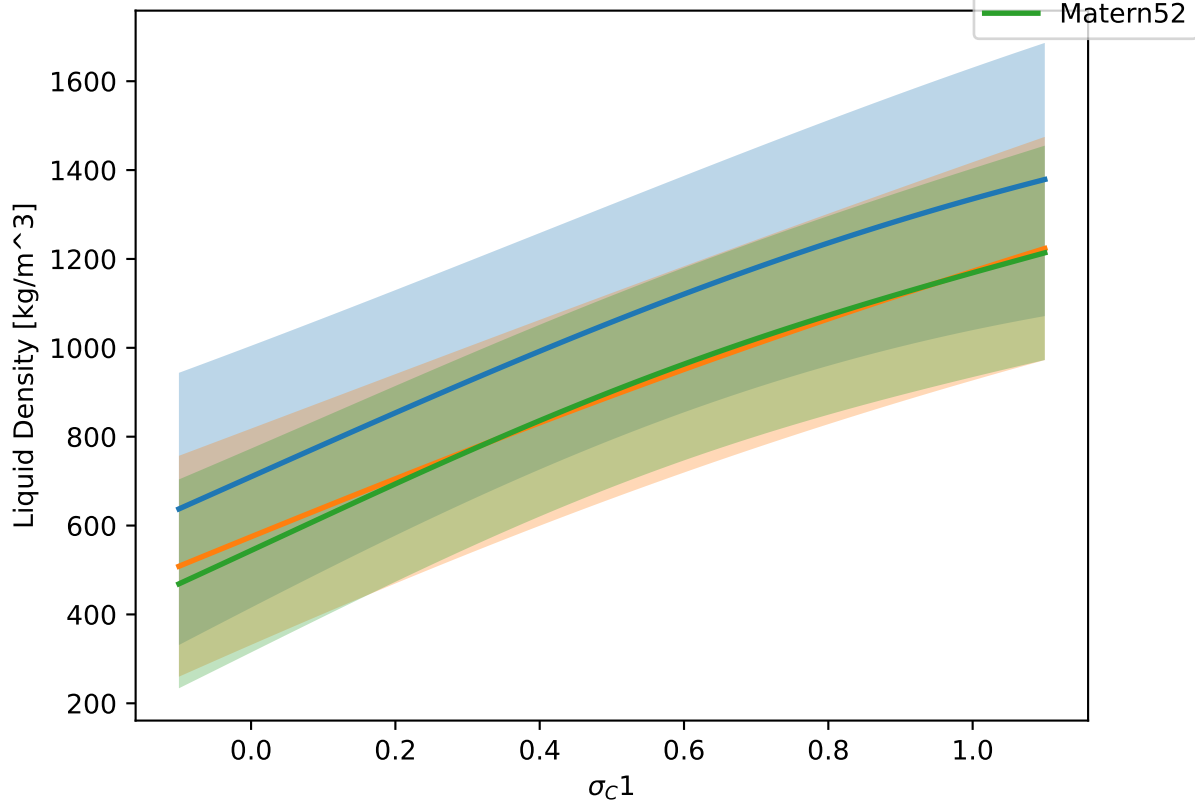
$\sigma_C1$  at T = 250 K. Other vals = 0.50.



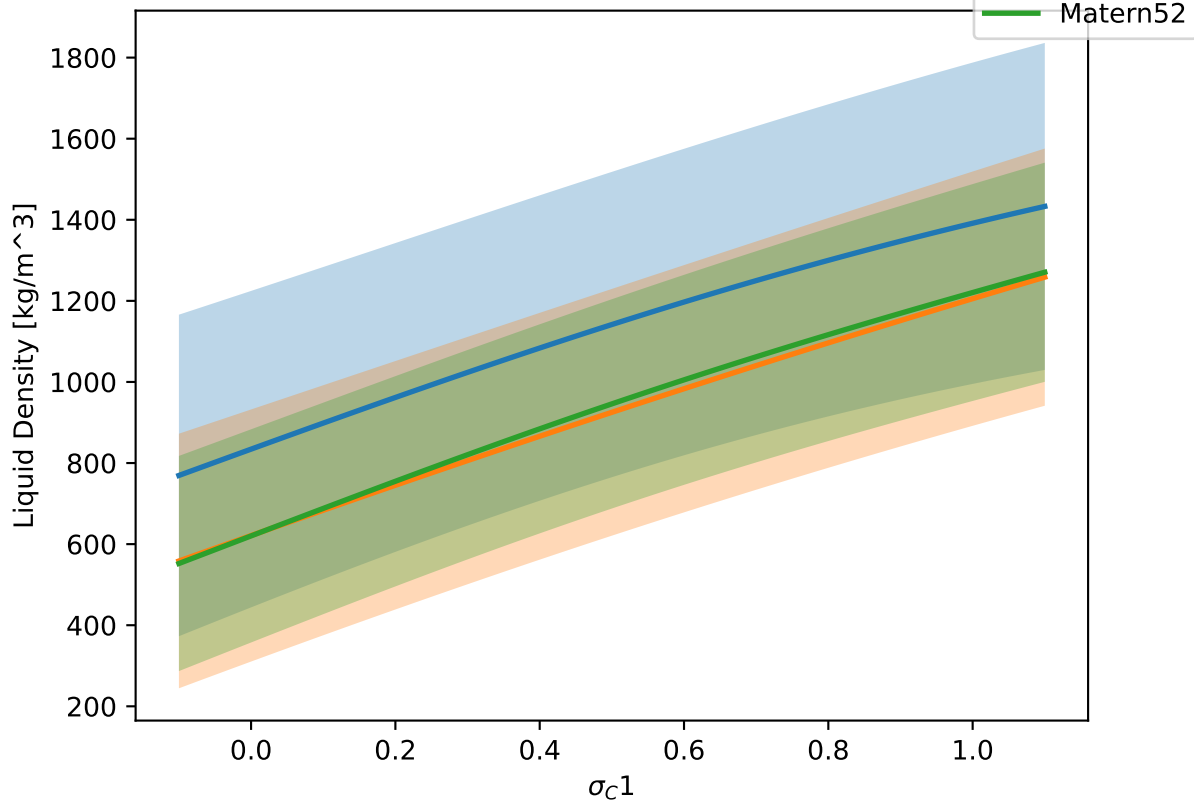
$\sigma_c1$  at T = 250 K. Other vals = 0.60.



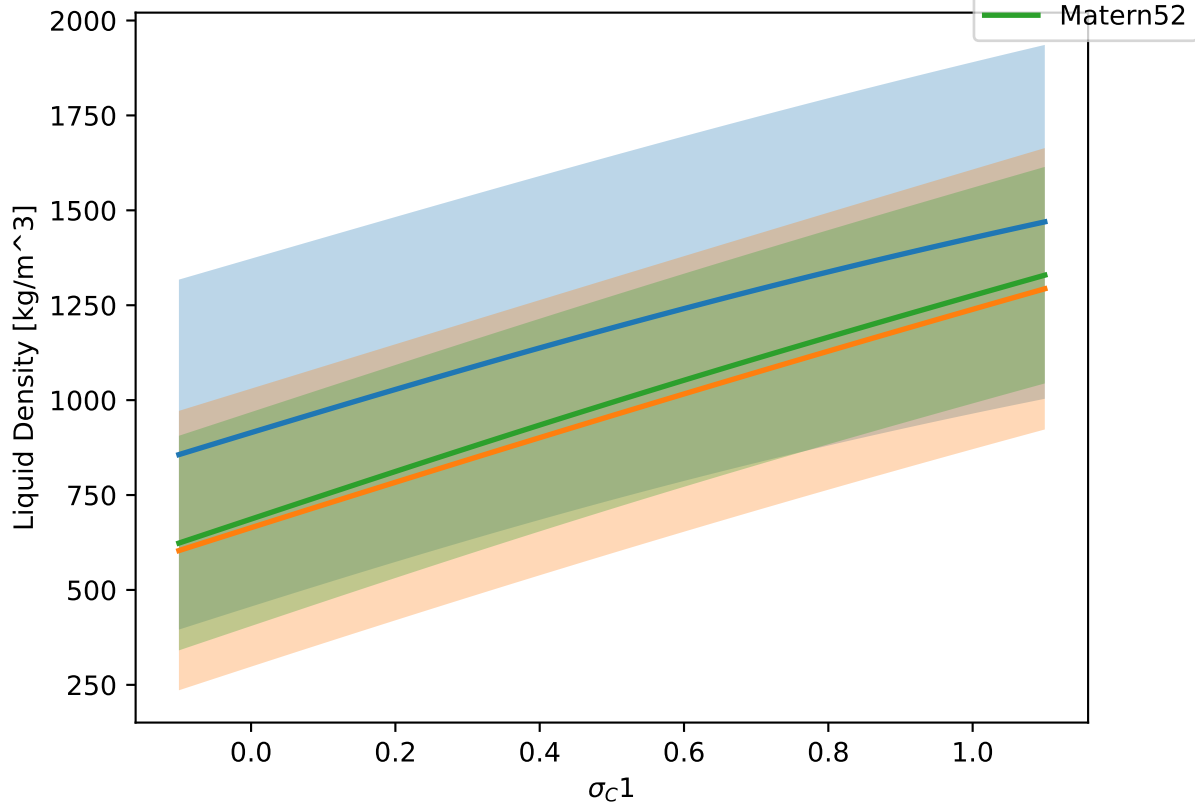
$\sigma_C1$  at T = 250 K. Other vals = 0.70.



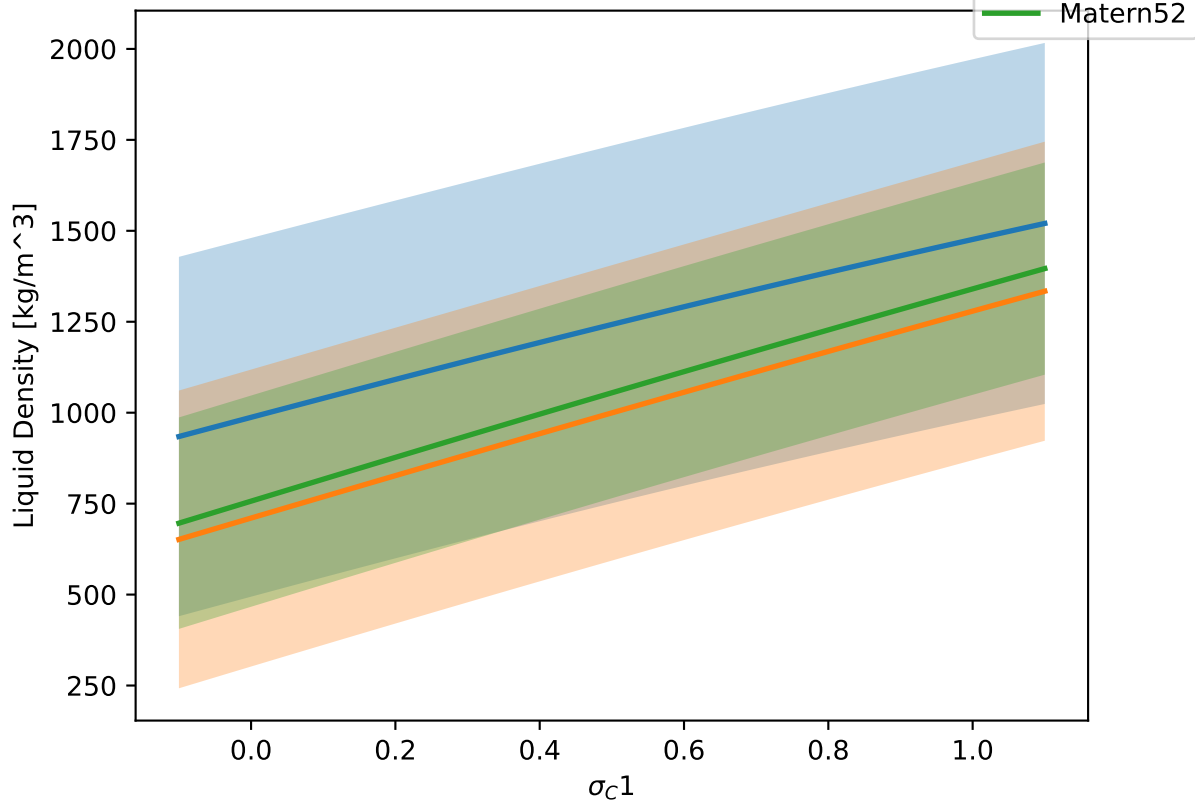
$\sigma_c1$  at T = 250 K. Other vals = 0.80.



$\sigma_C1$  at T = 250 K. Other vals = 0.90.



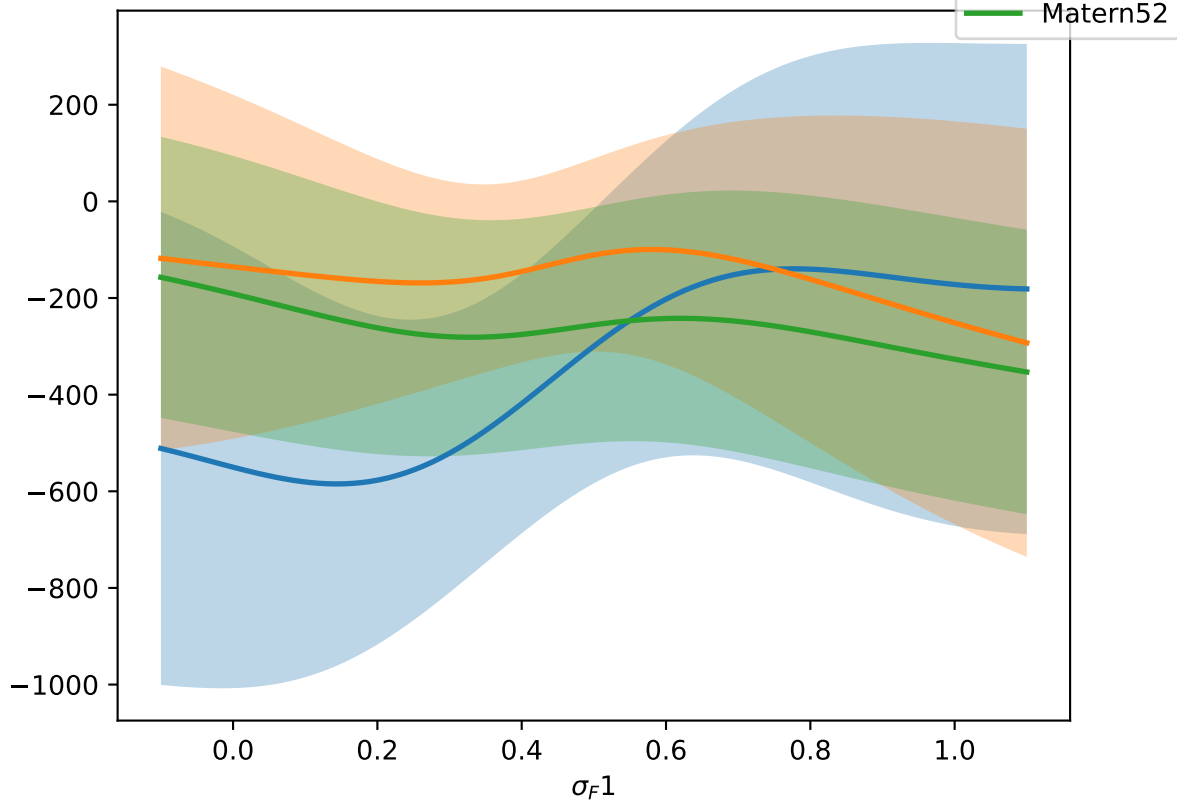
$\sigma_C1$  at T = 250 K. Other vals = 1.00.



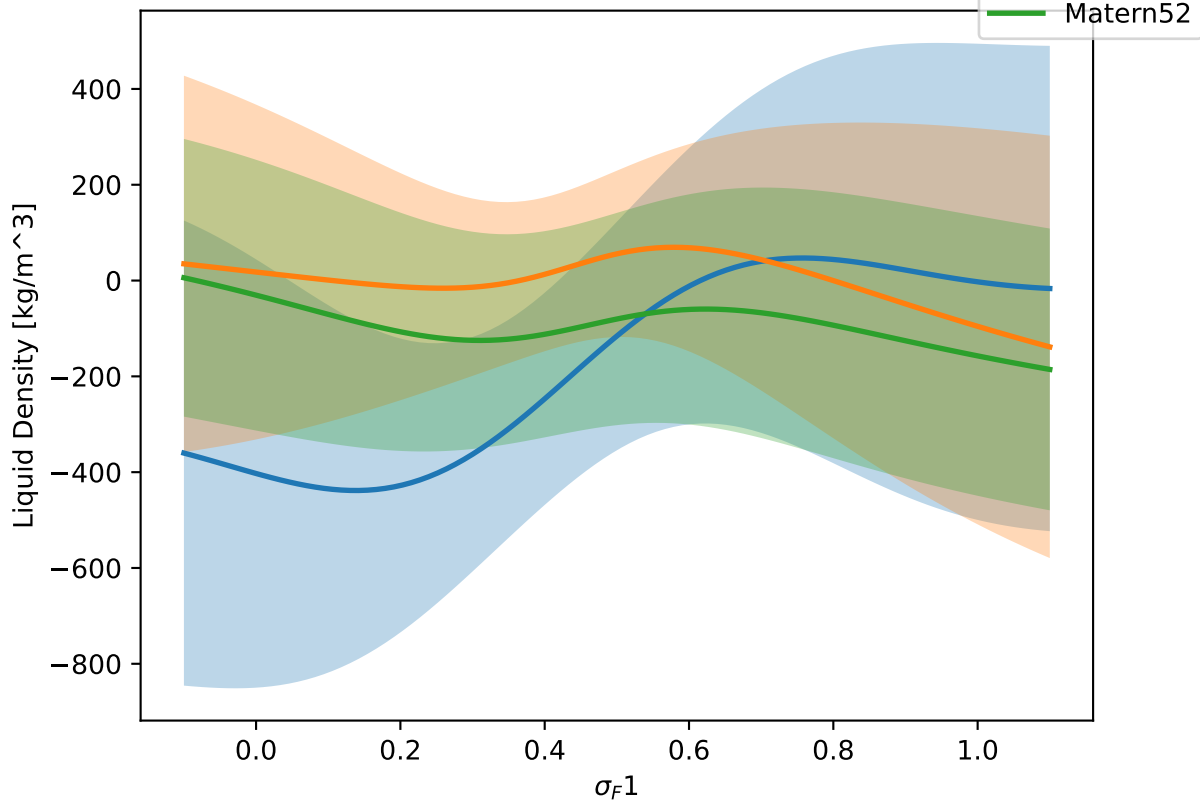


$\sigma_F1$  at T = 250 K. Other vals = 0.00.

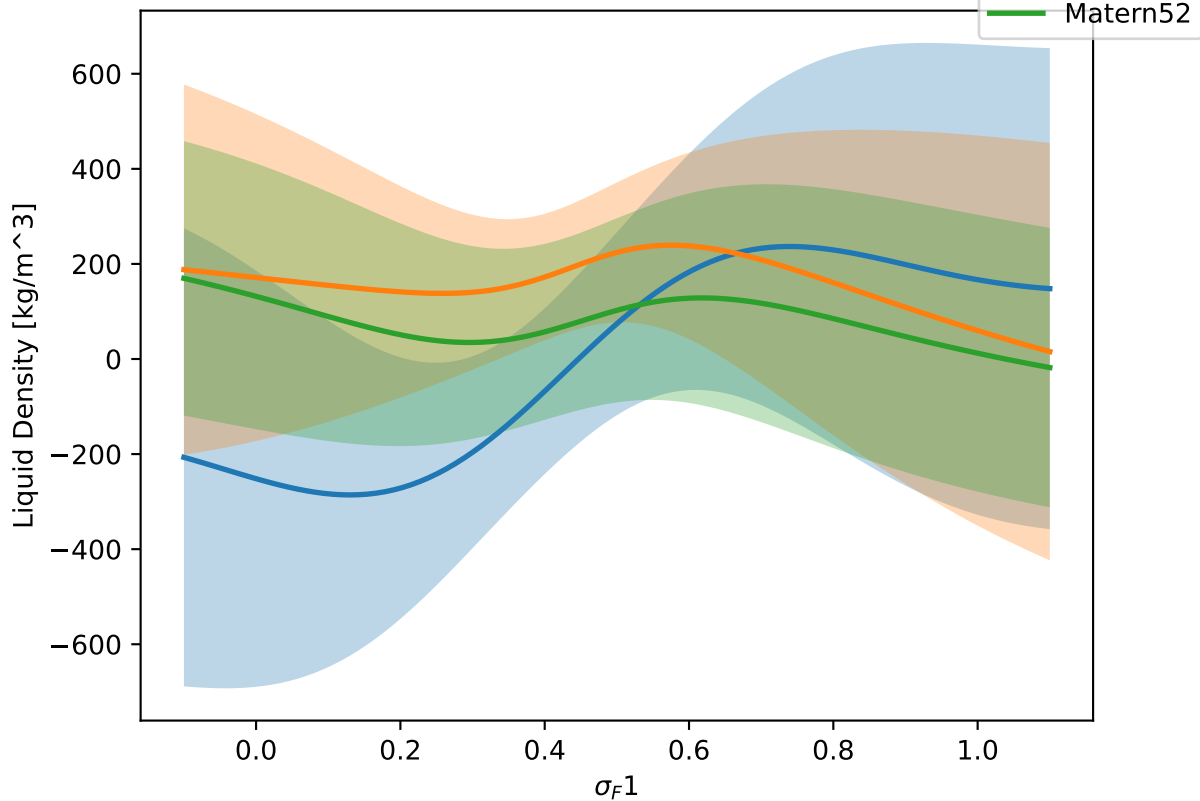
Liquid Density [kg/m<sup>3</sup>]



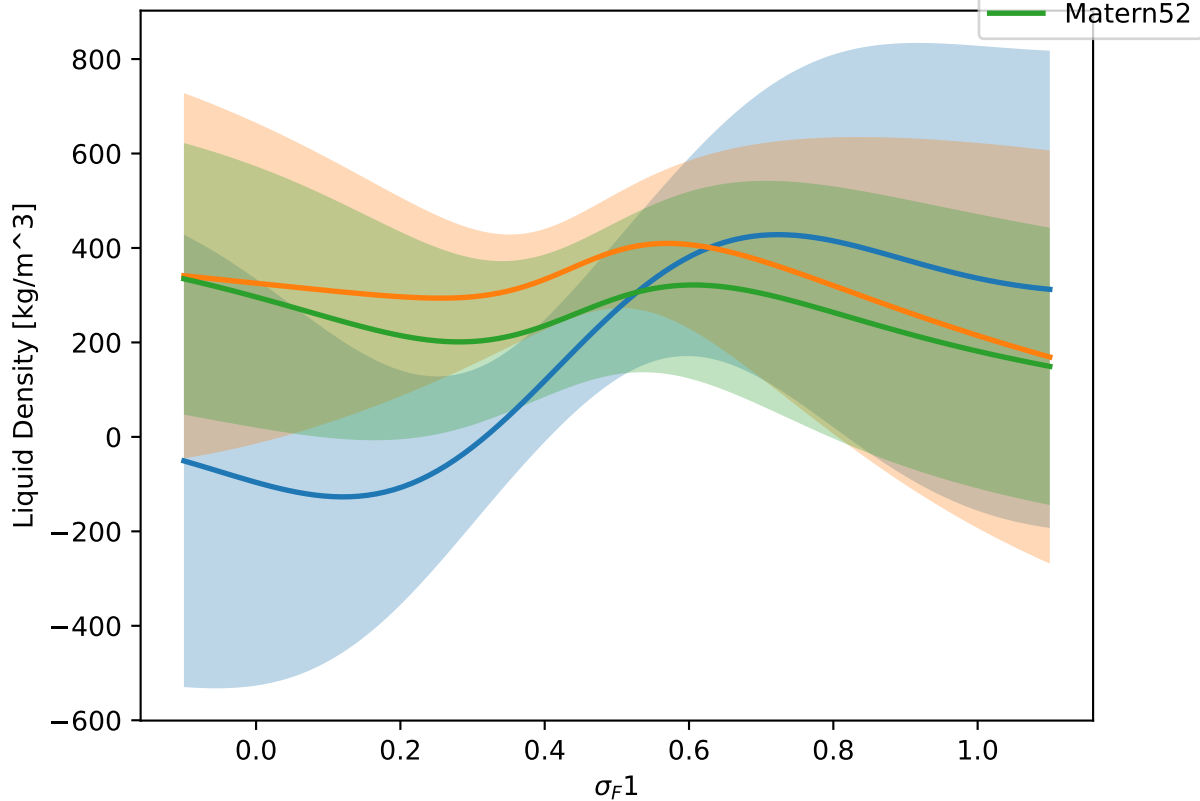
$\sigma_F1$  at T = 250 K. Other vals = 0.10.



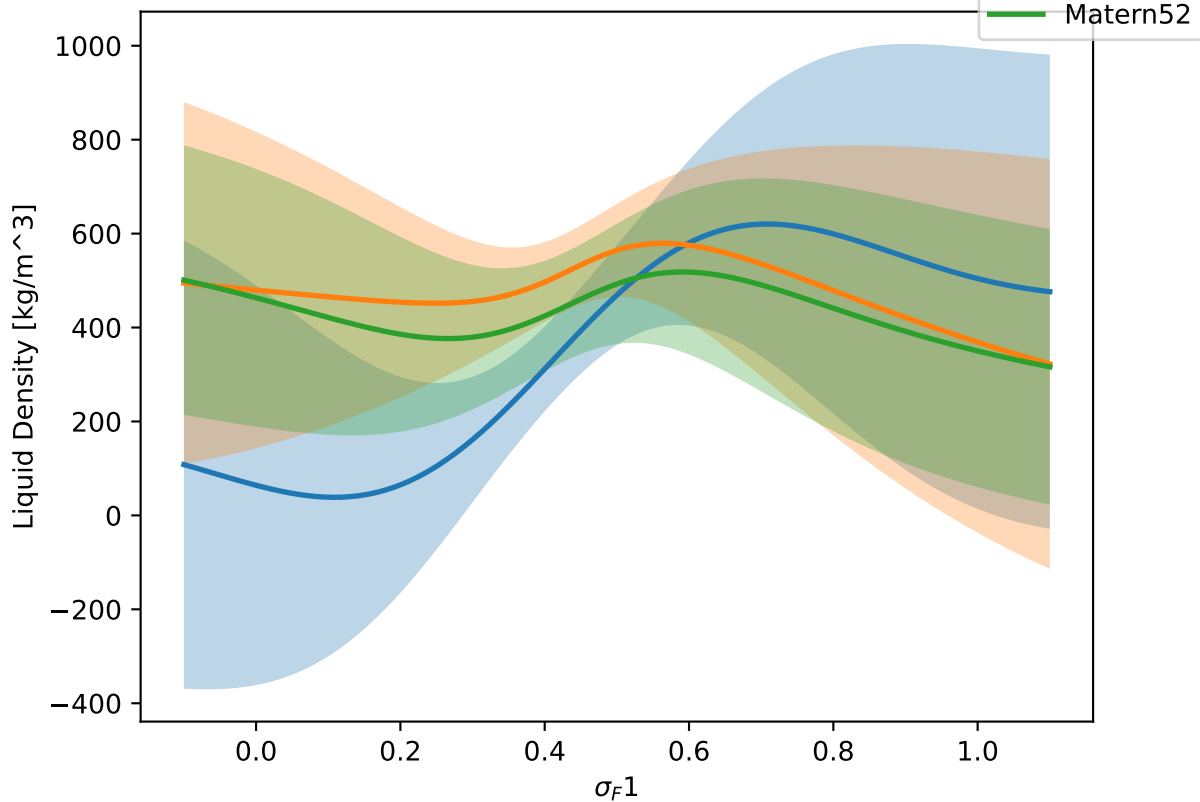
$\sigma_F1$  at T = 250 K. Other vals = 0.20.



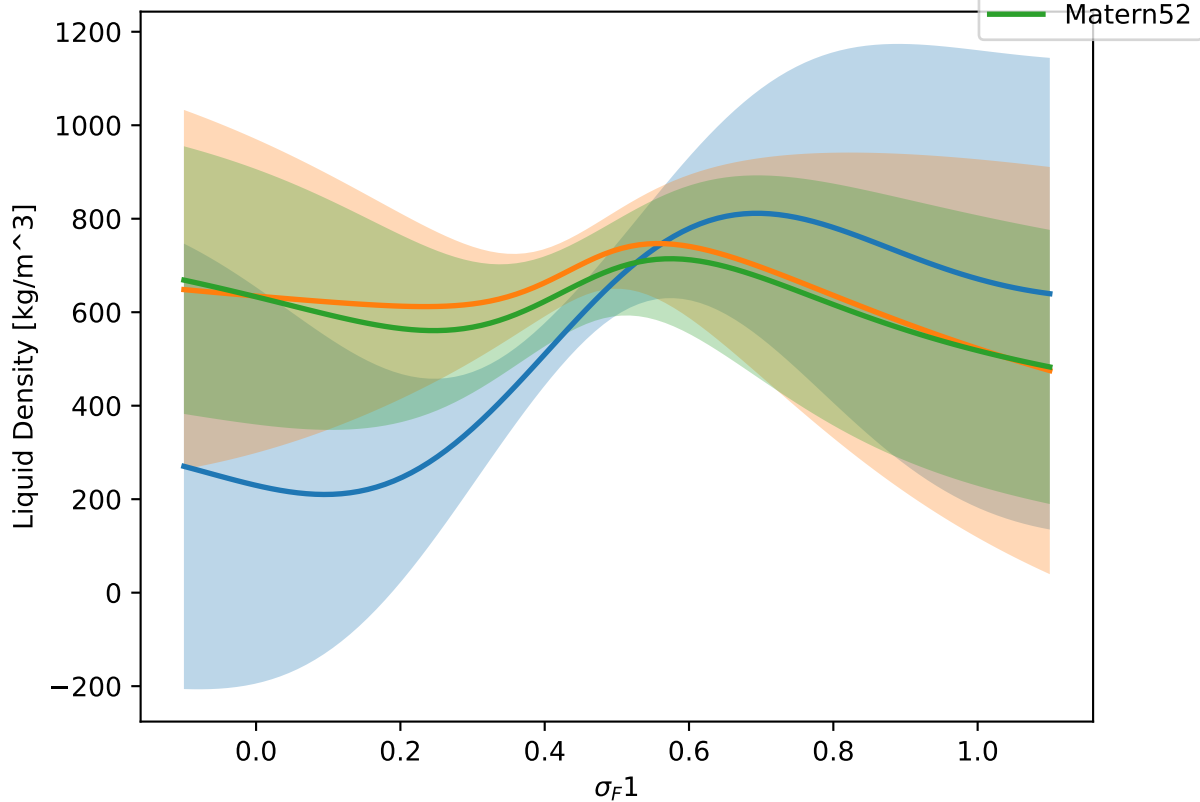
$\sigma_F 1$  at T = 250 K. Other vals = 0.30.



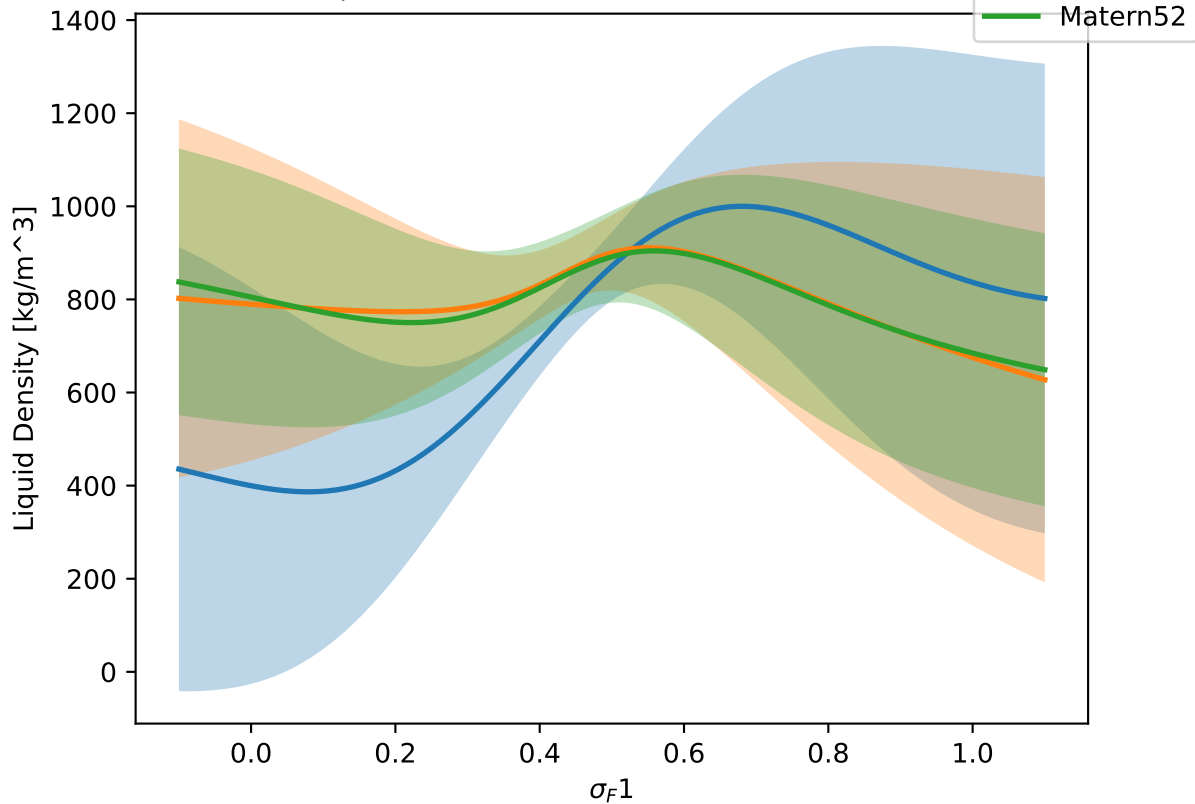
$\sigma_F1$  at T = 250 K. Other vals = 0.40.



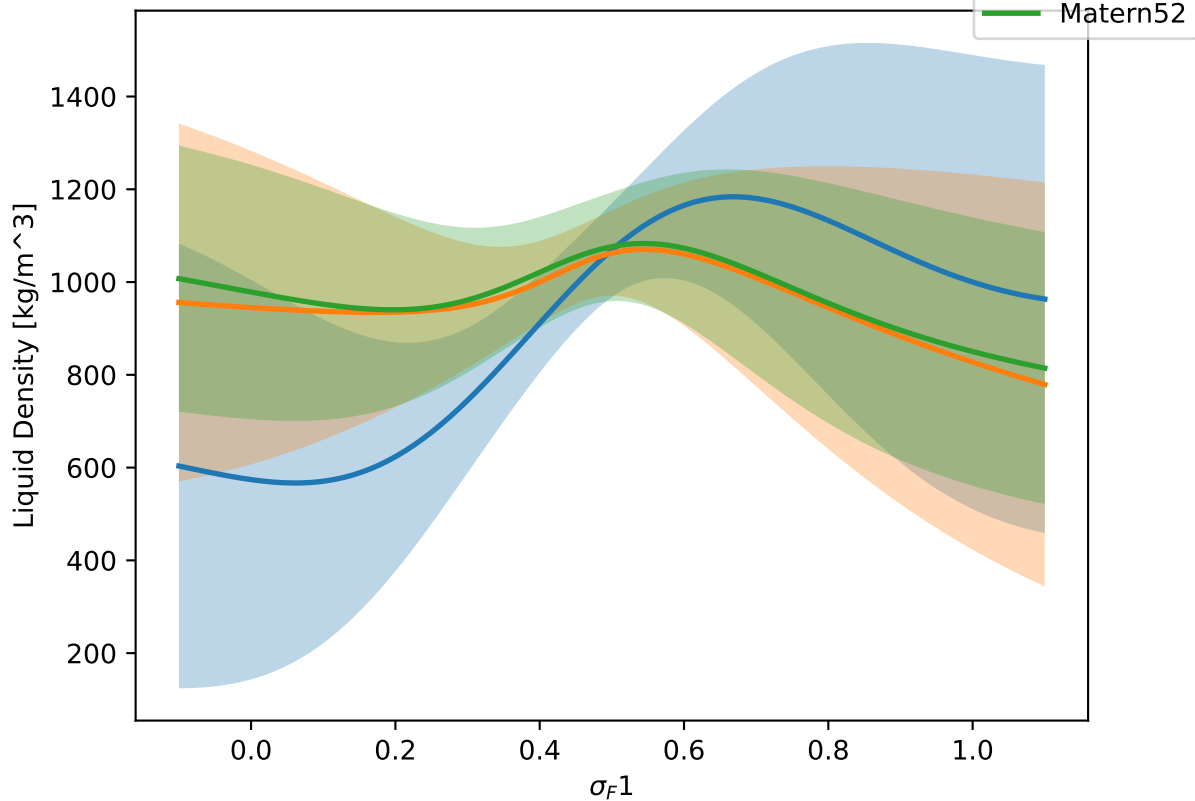
$\sigma_F1$  at T = 250 K. Other vals = 0.50.



$\sigma_F1$  at T = 250 K. Other vals = 0.60.

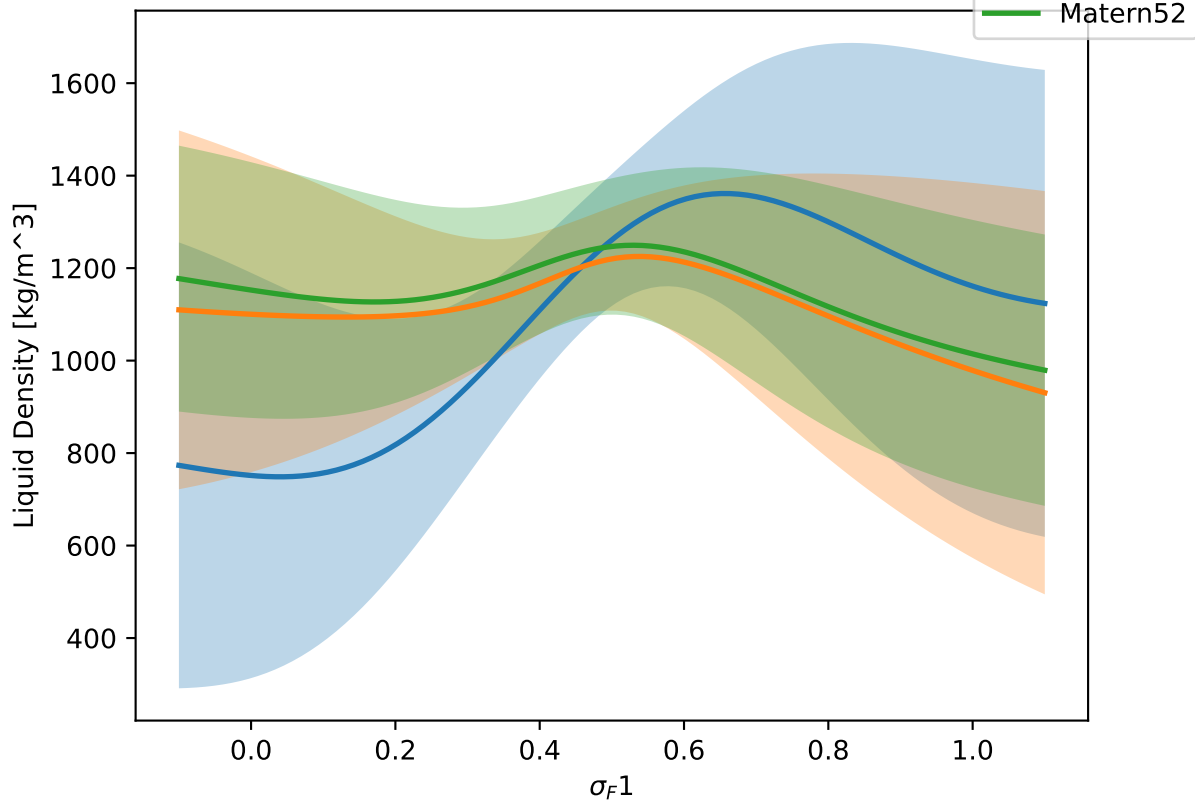


$\sigma_F1$  at T = 250 K. Other vals = 0.70.

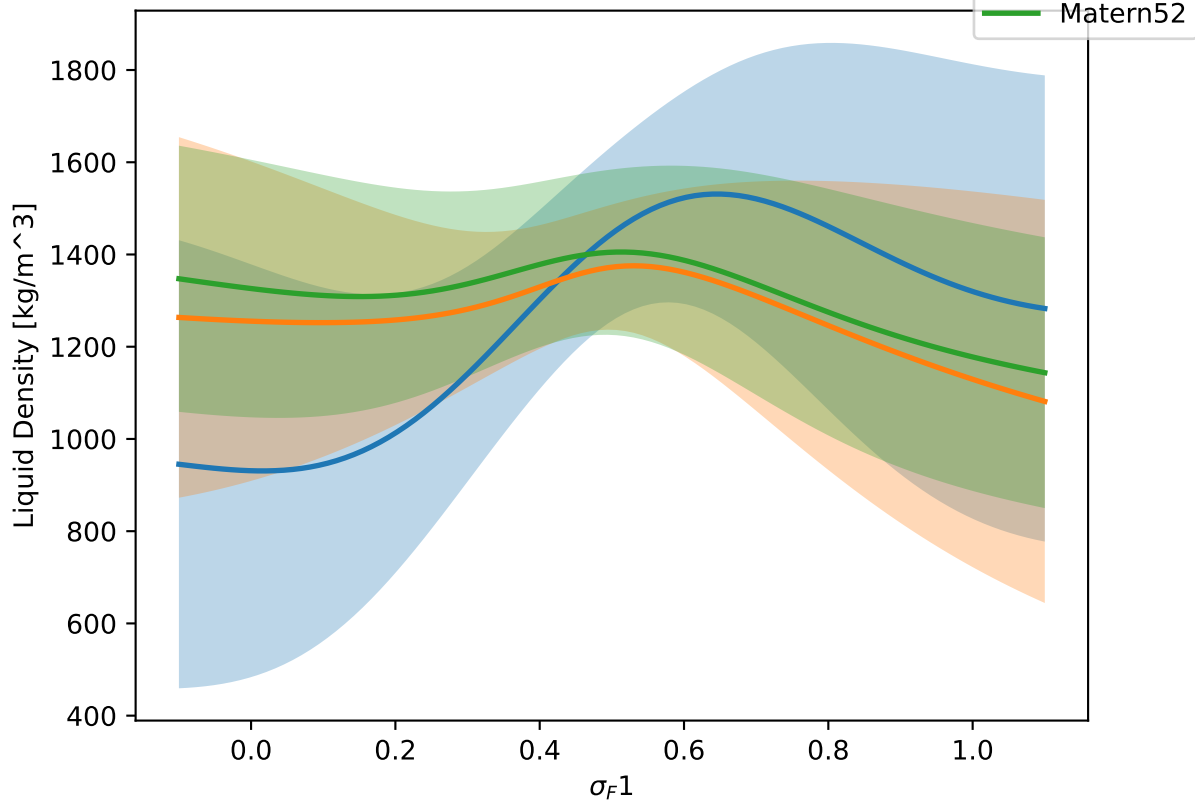




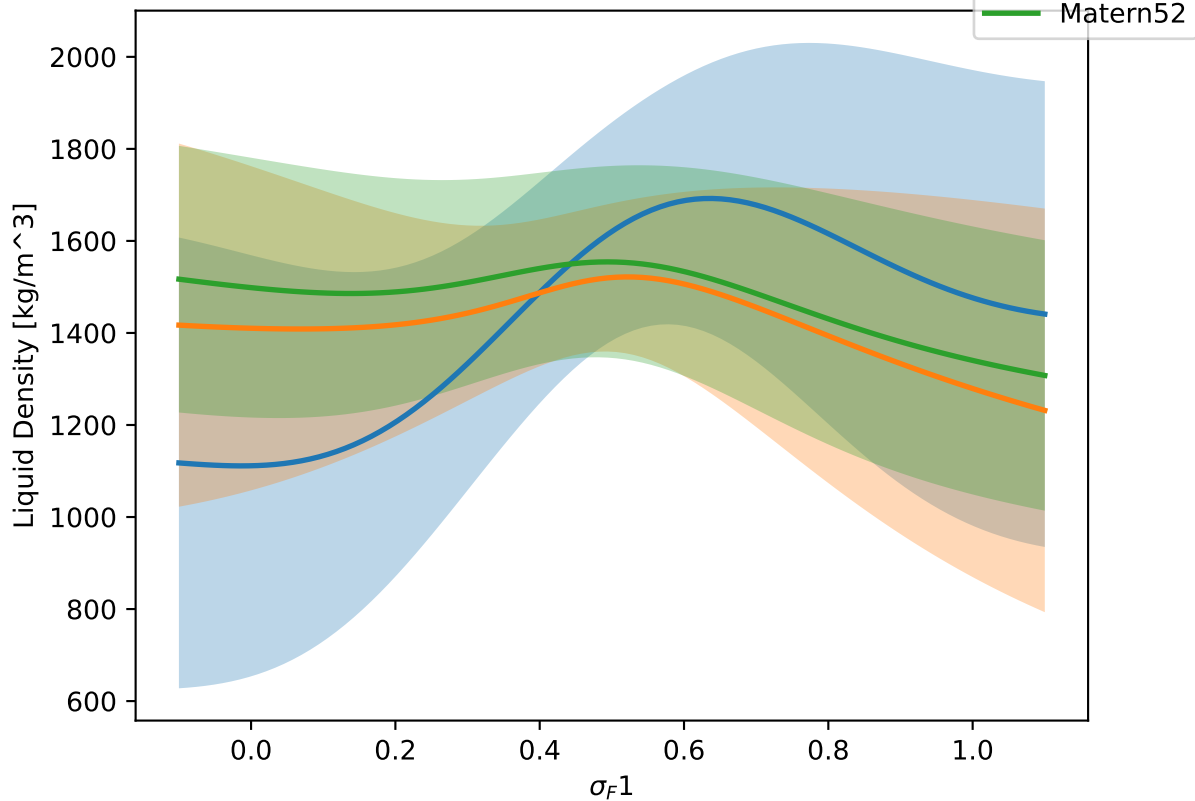
$\sigma_F 1$  at T = 250 K. Other vals = 0.80.

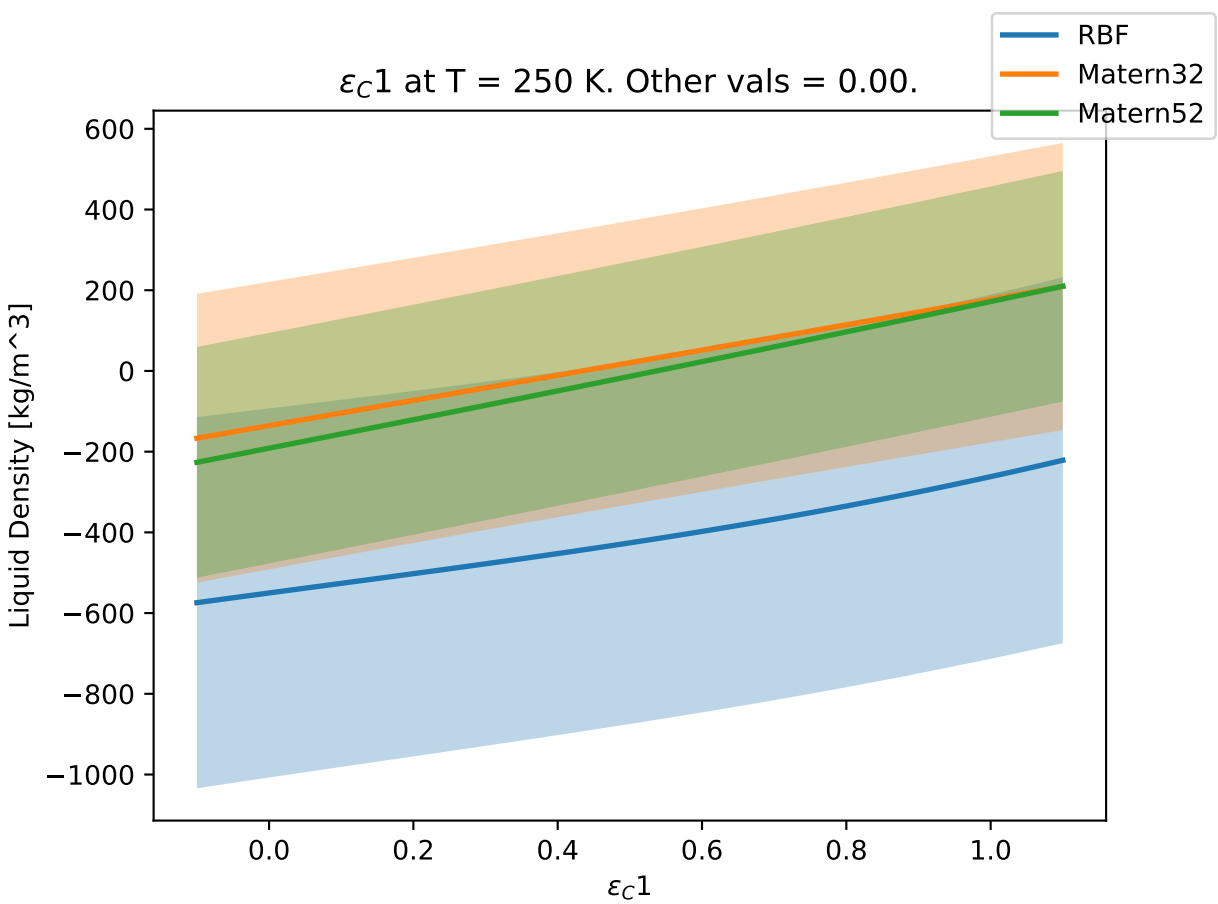


$\sigma_F1$  at T = 250 K. Other vals = 0.90.

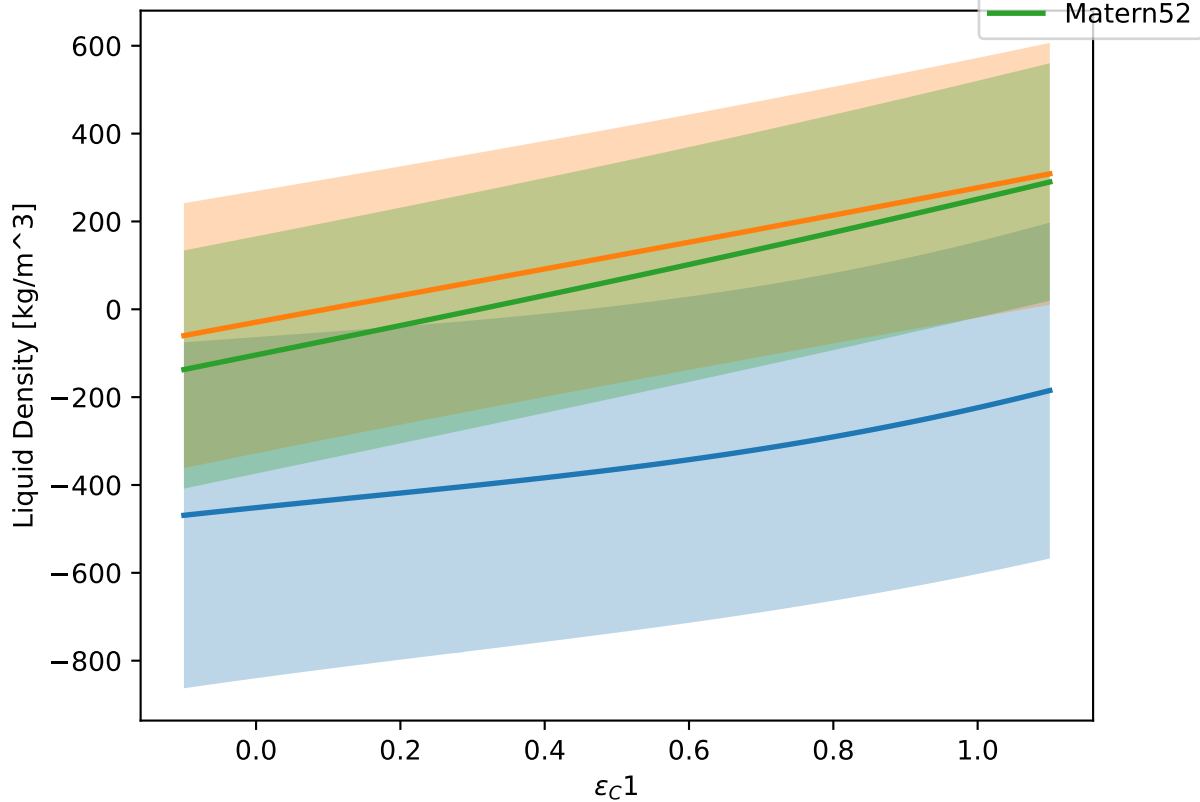


$\sigma_F1$  at T = 250 K. Other vals = 1.00.

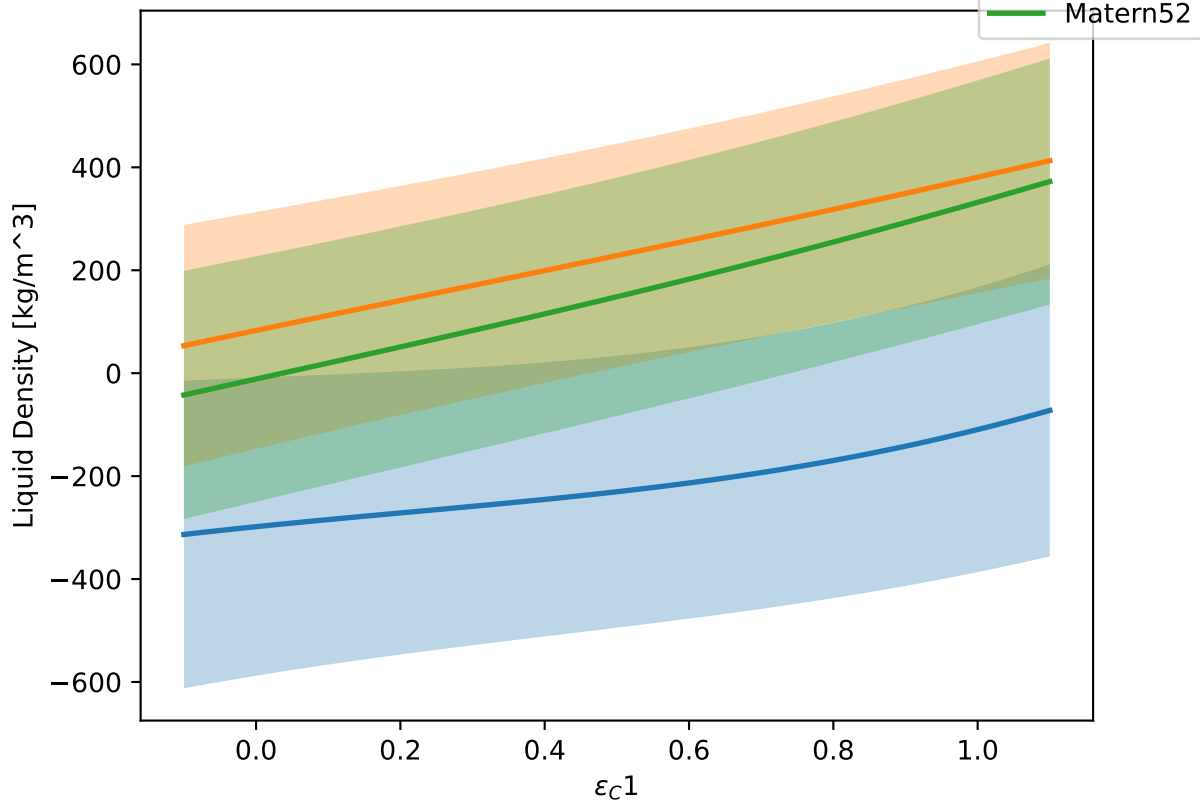




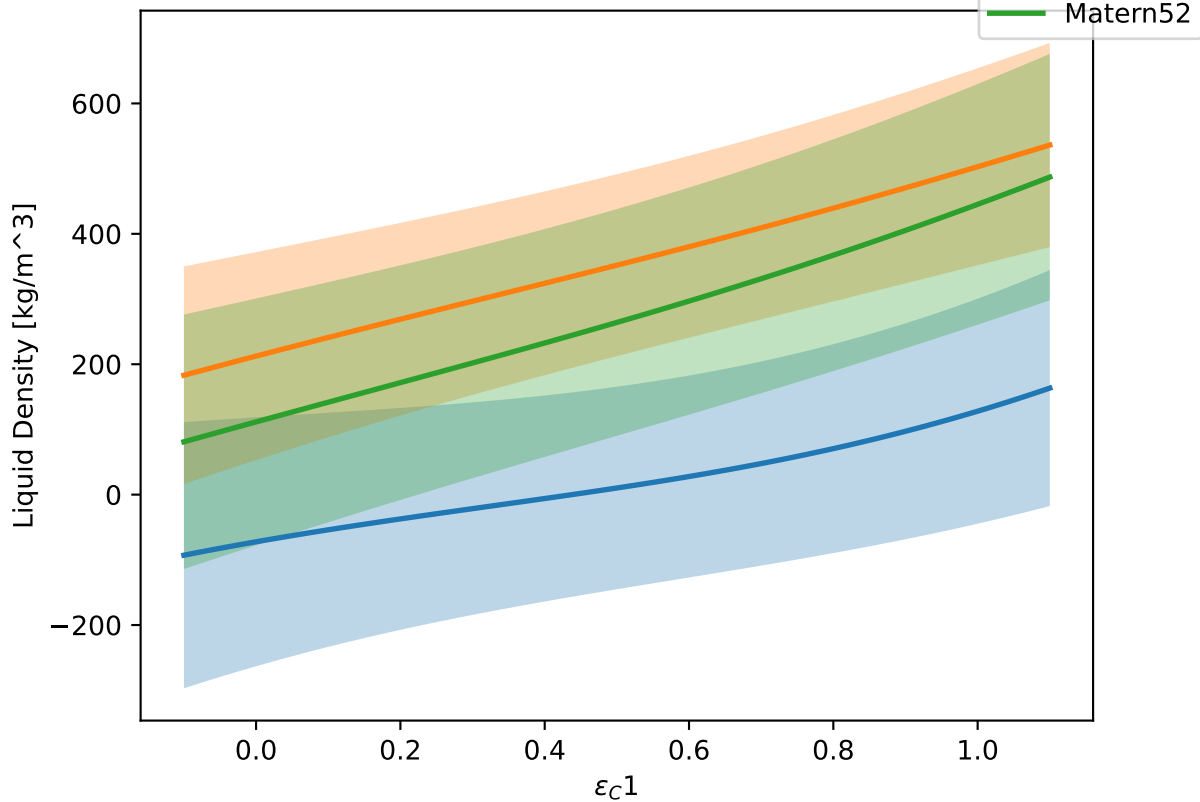
$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.10.



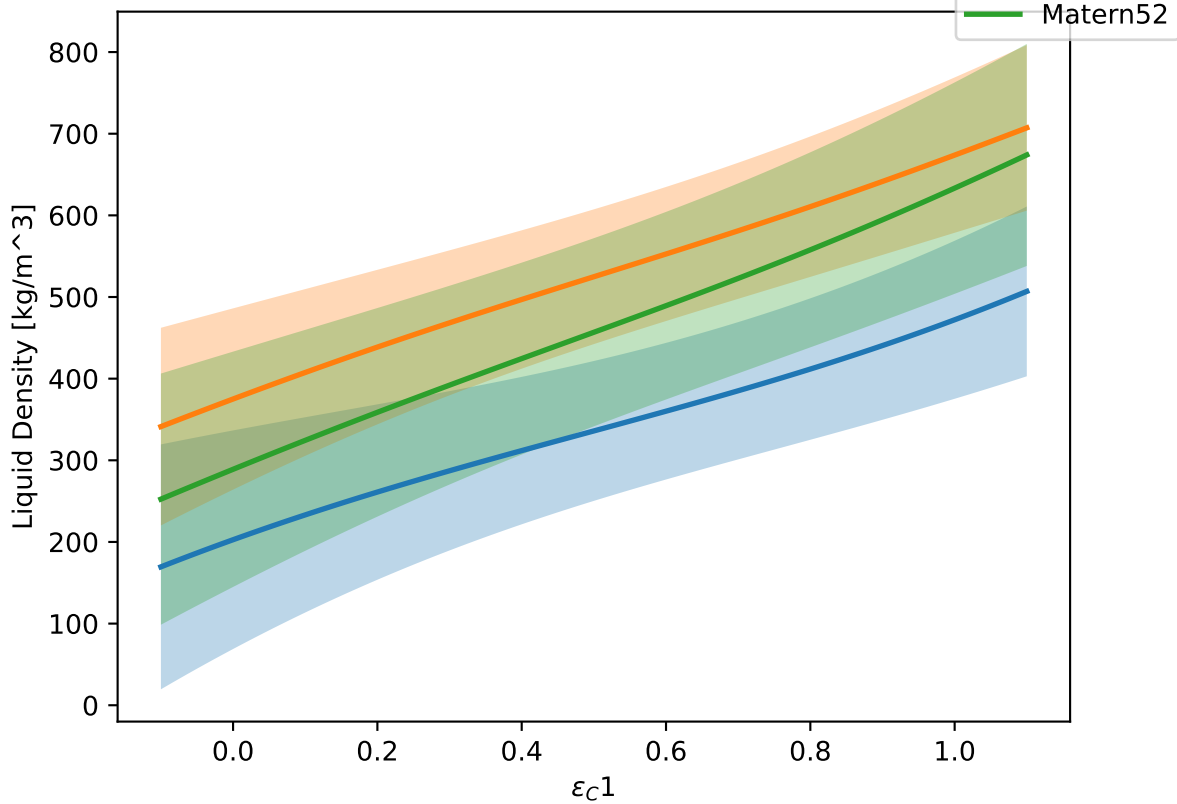
$\epsilon_C 1$  at T = 250 K. Other vals = 0.20.



$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.30.

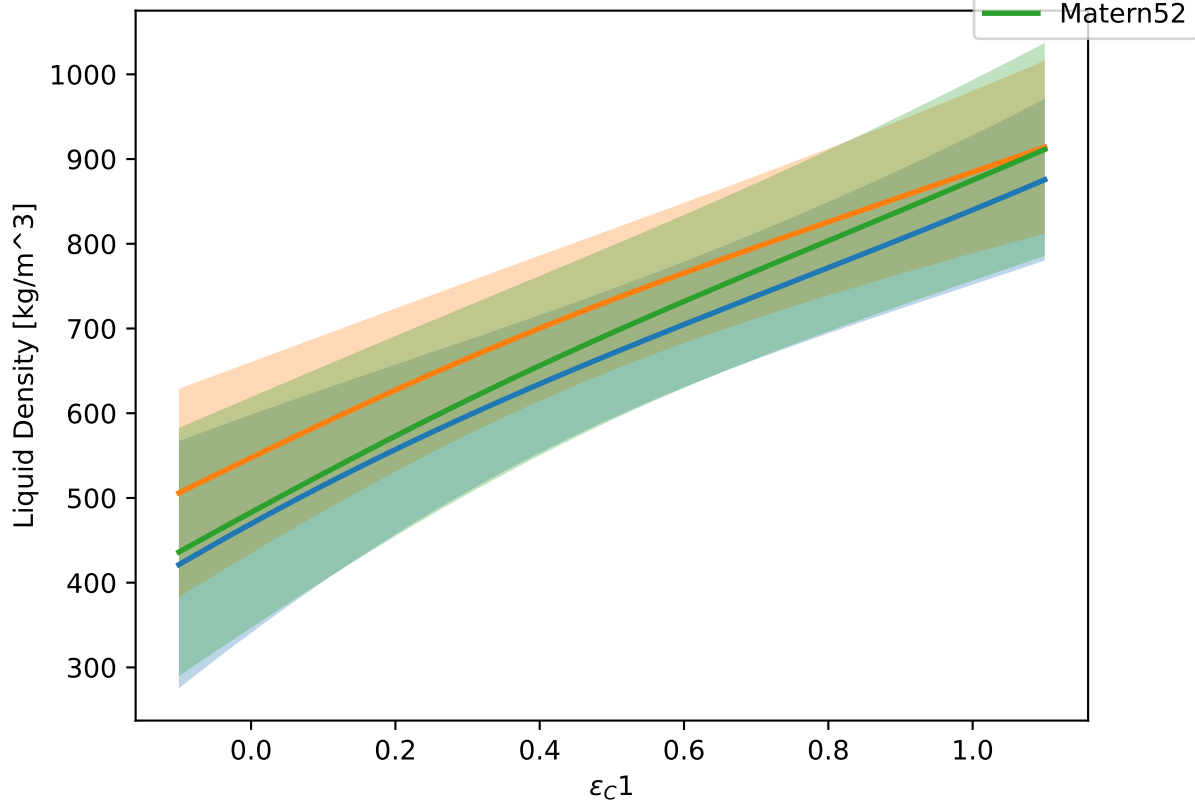


$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.40.

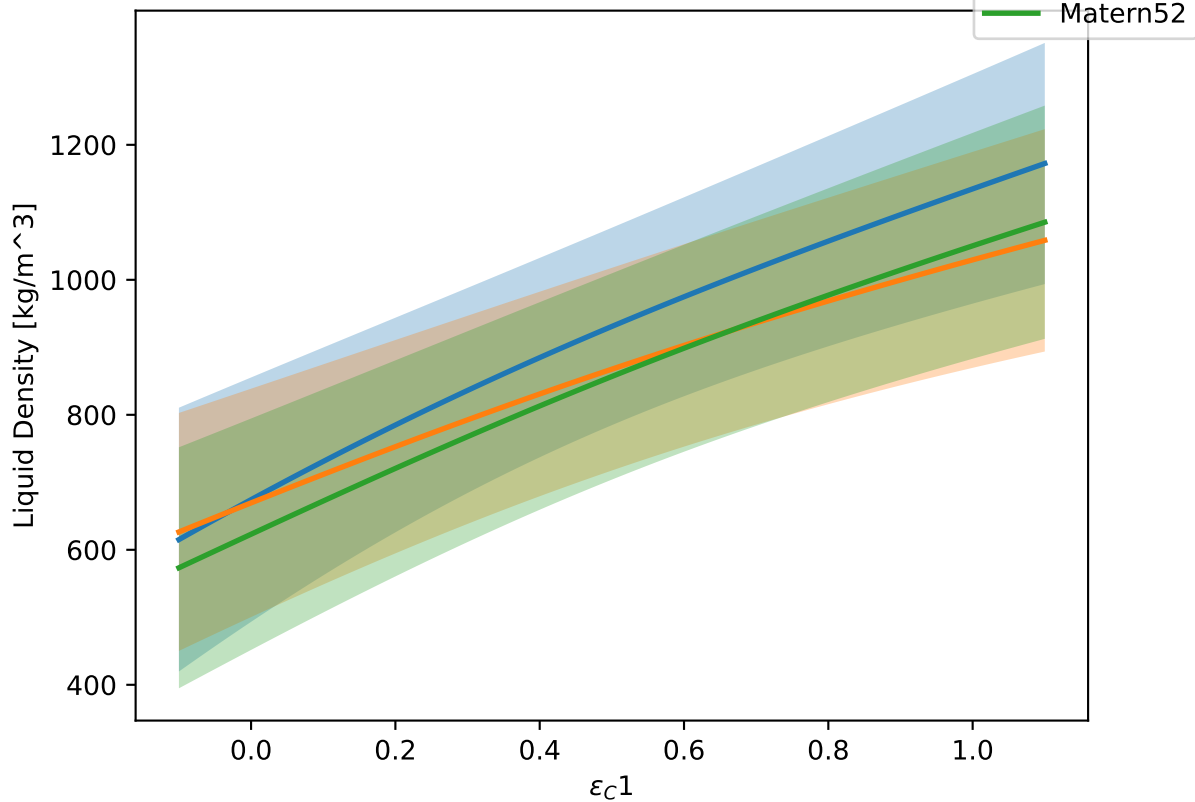




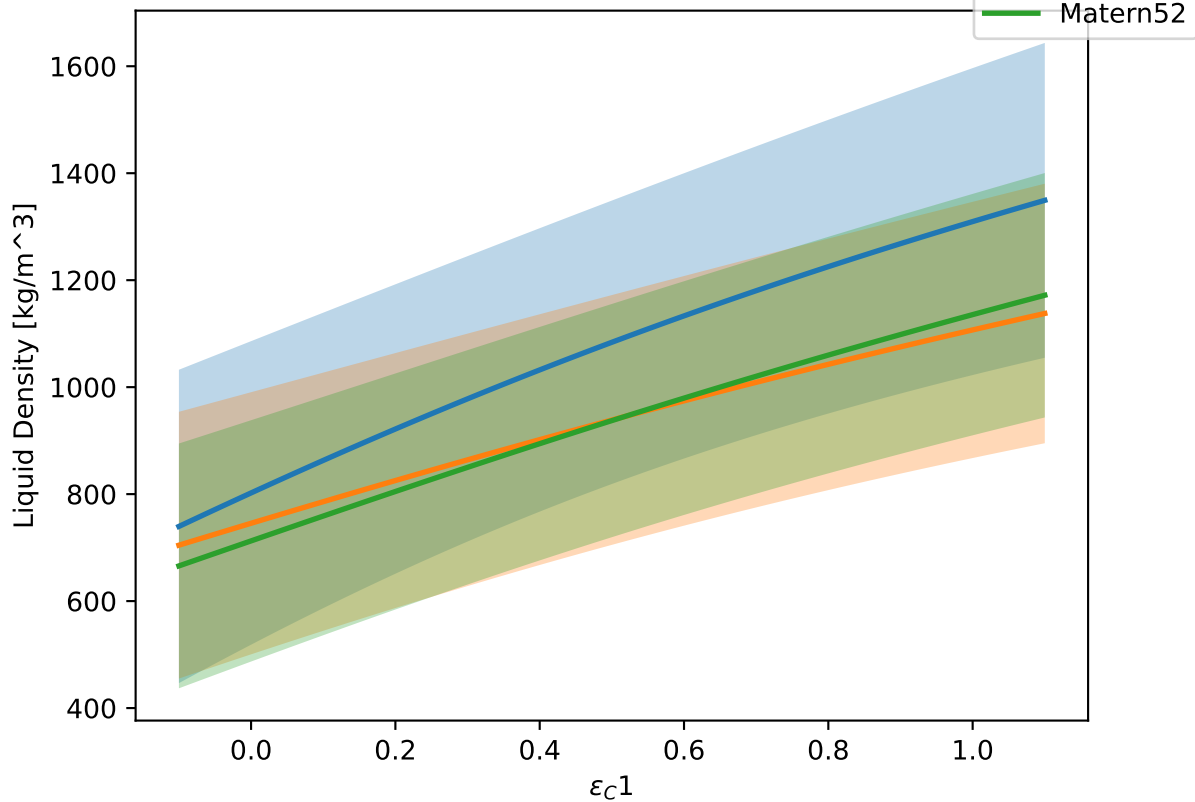
$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.50.



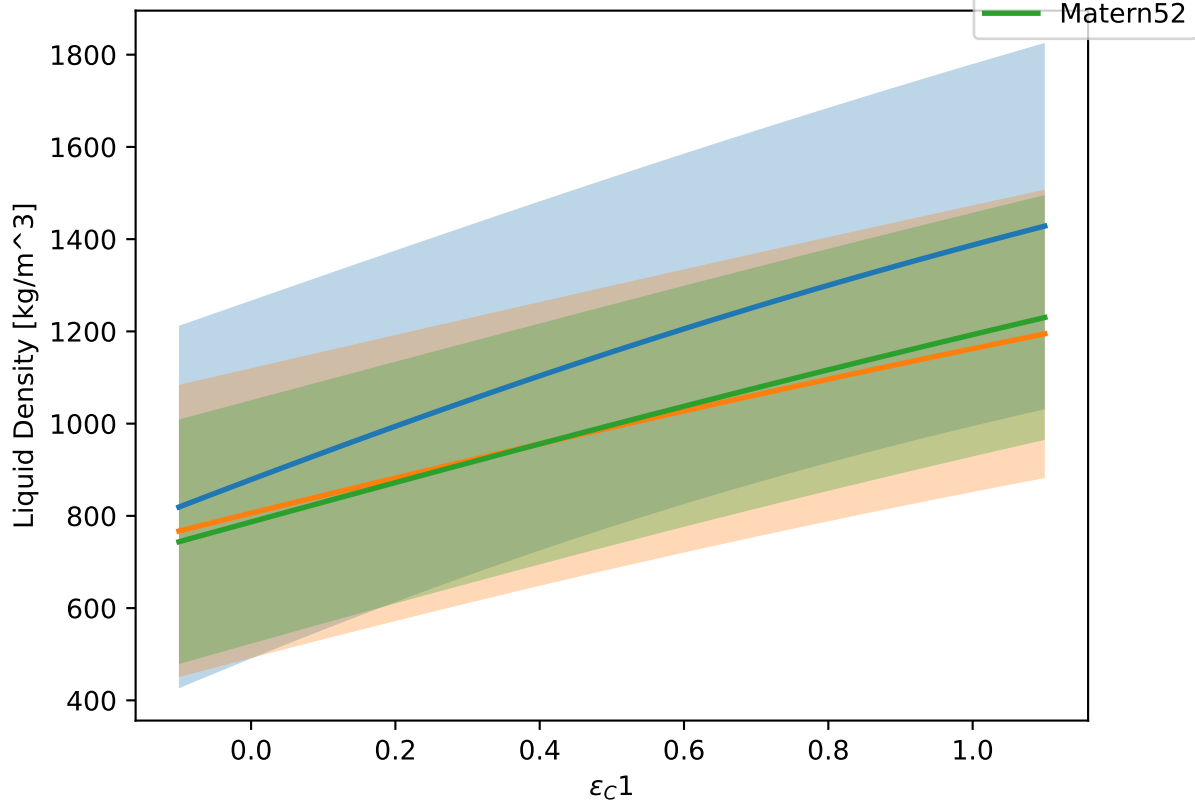
$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.60.



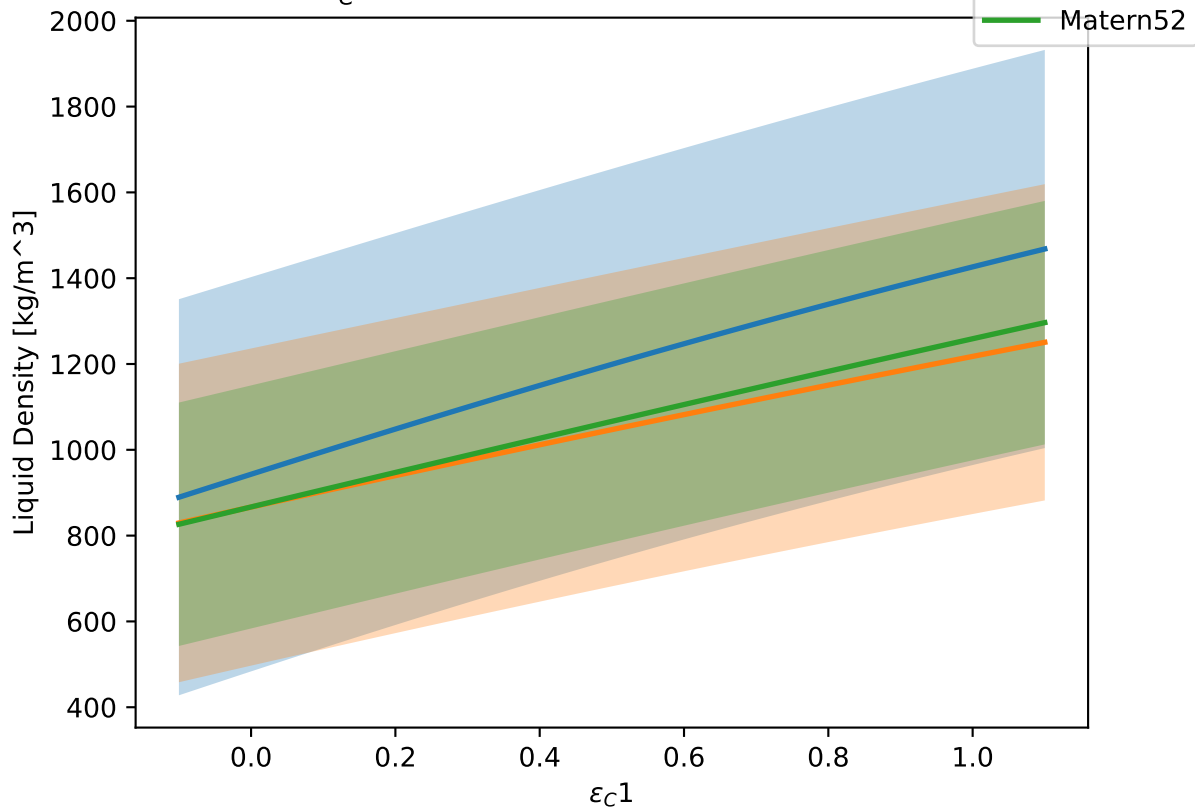
$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.70.



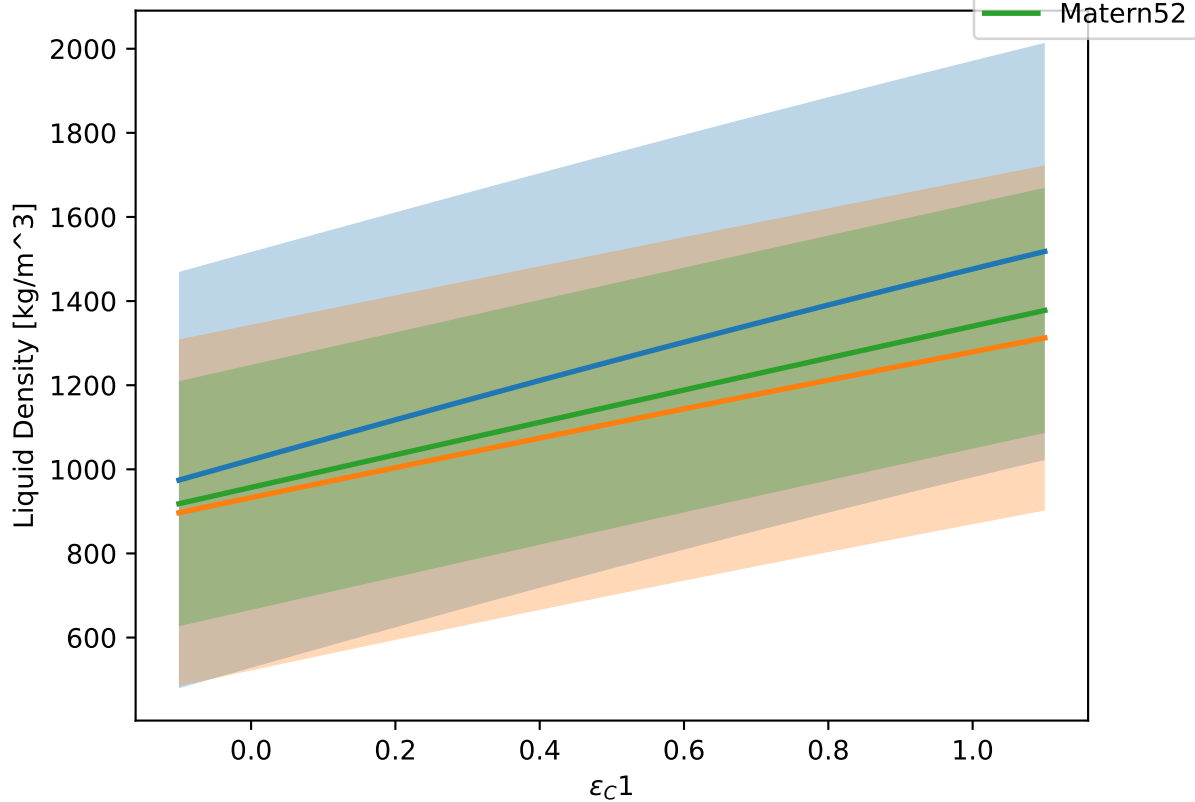
$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.80.

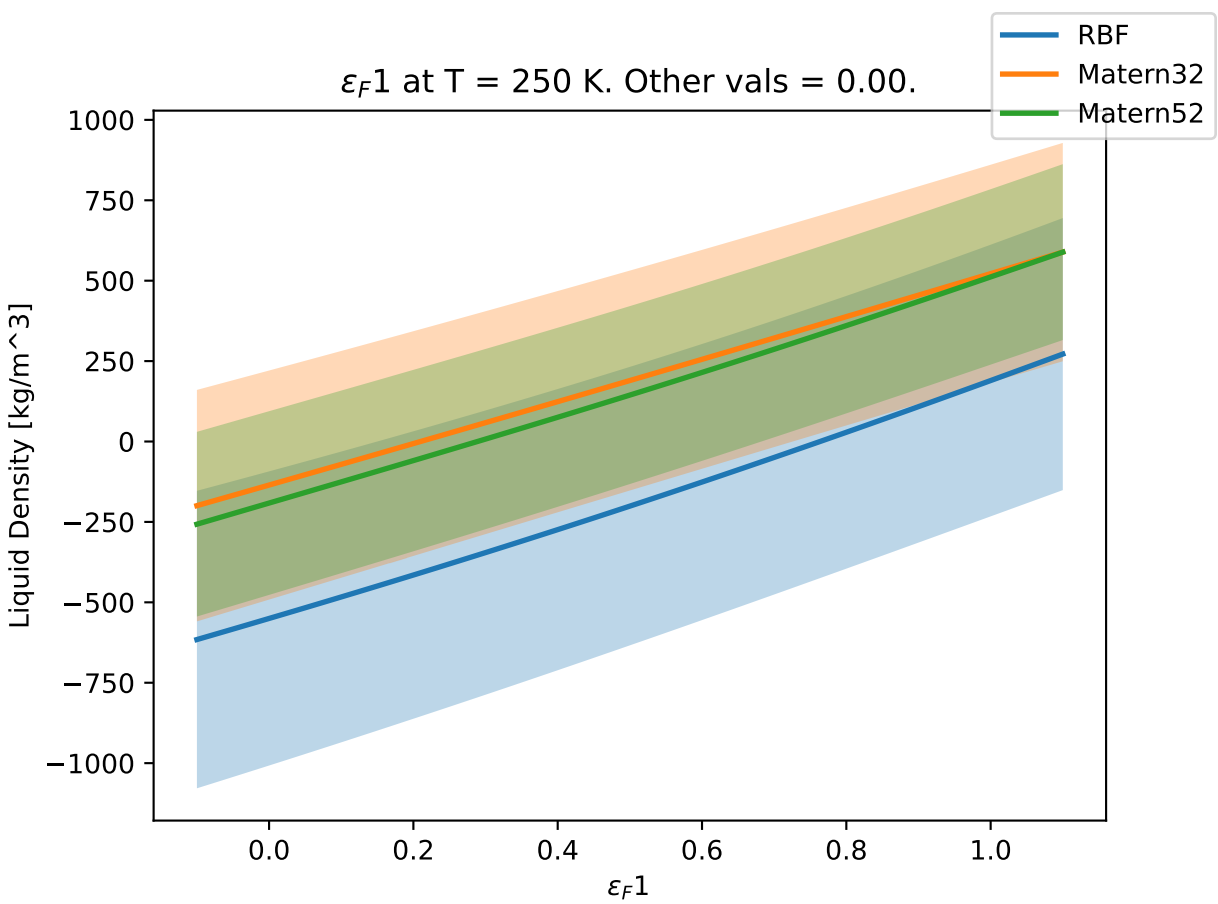


$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.90.



$\epsilon_C 1$  at  $T = 250$  K. Other vals = 1.00.





$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.10.

Liquid Density [kg/m<sup>3</sup>]

1000  
750  
500  
250  
0  
-250  
-500  
-750  
-1000

0.0

0.2

0.4

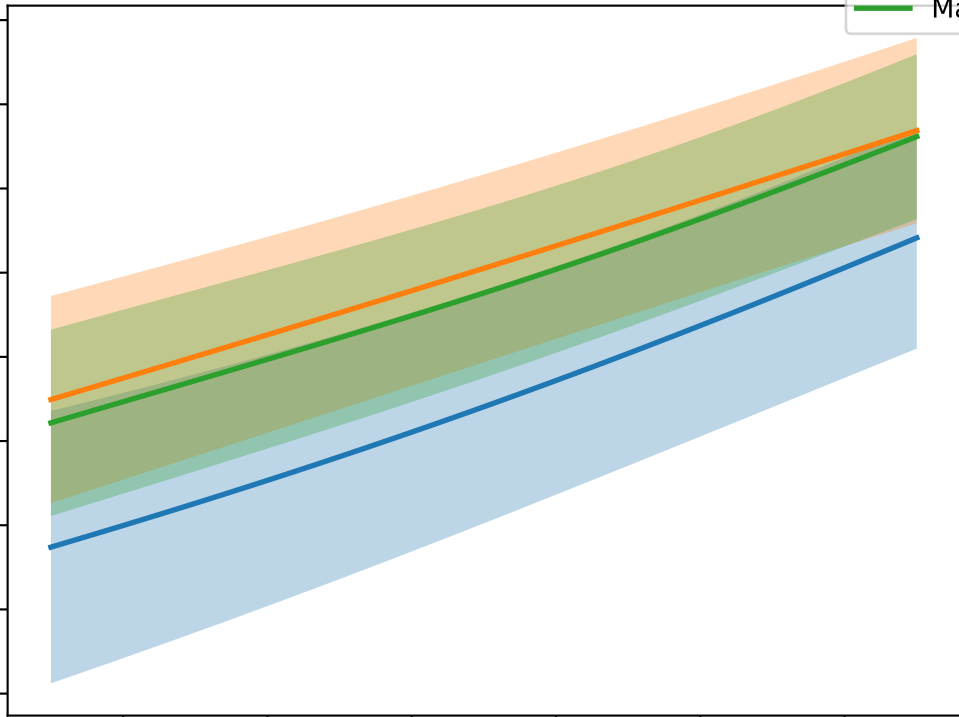
0.6

0.8

1.0

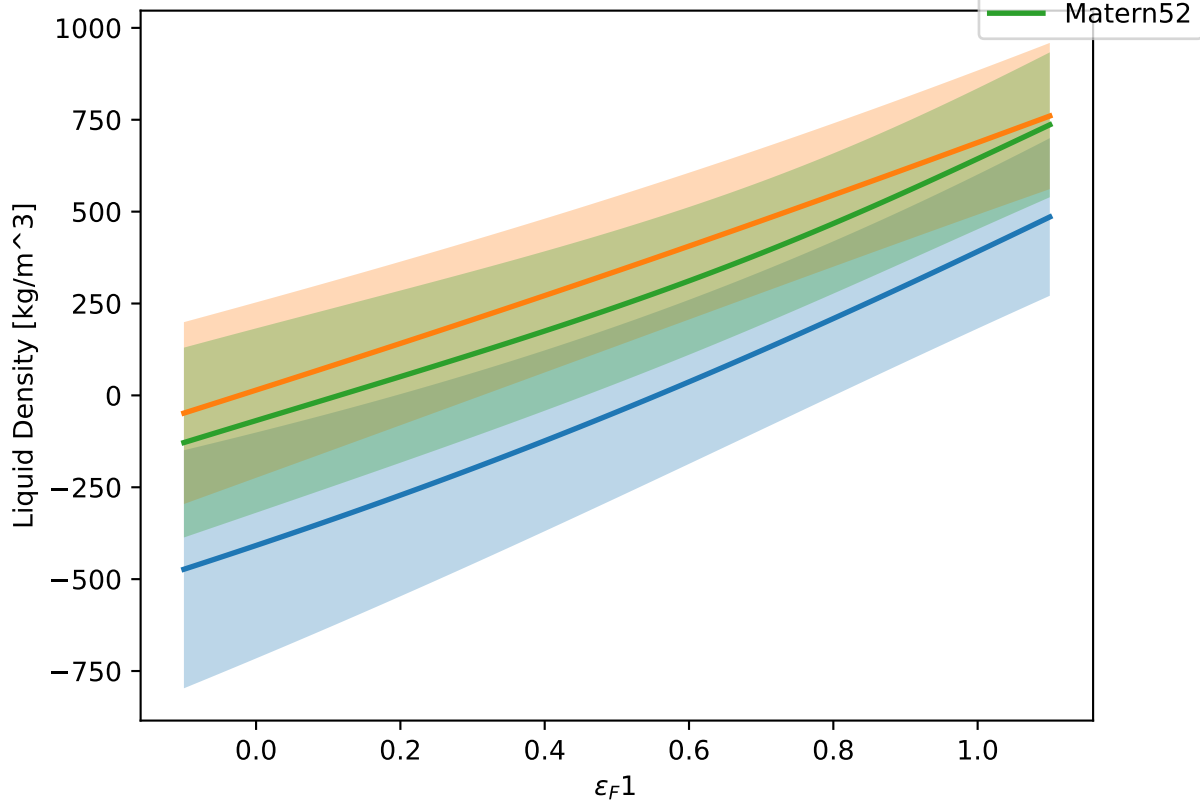
$\varepsilon_F 1$

- RBF
- Matern32
- Matern52

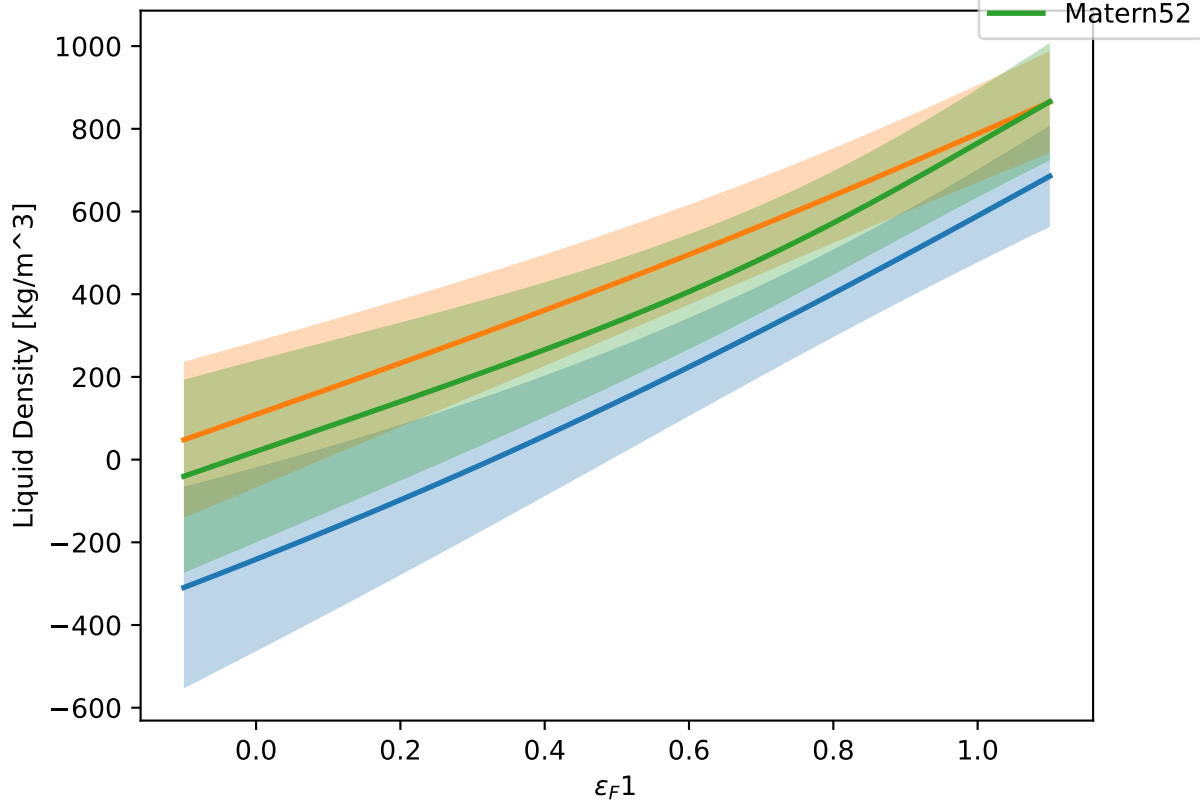




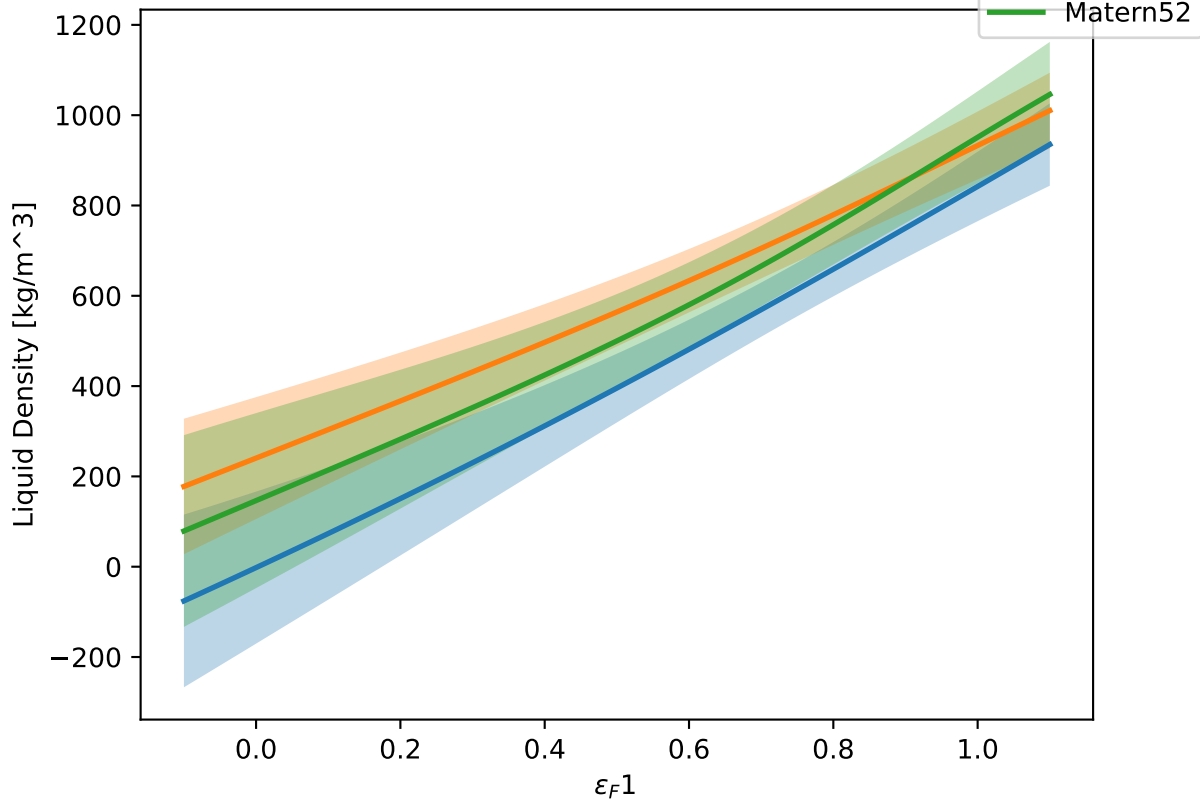
$\epsilon_F 1$  at  $T = 250$  K. Other vals = 0.20.



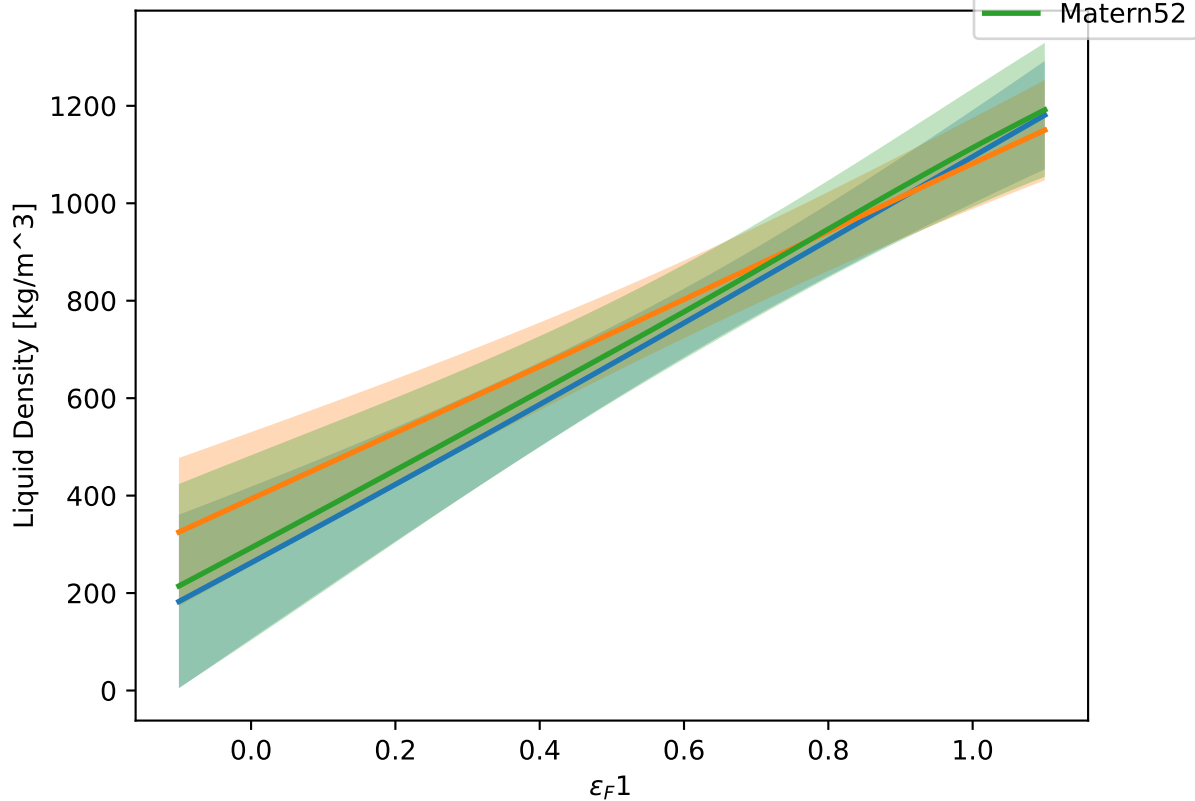
$\epsilon_F 1$  at  $T = 250$  K. Other vals = 0.30.



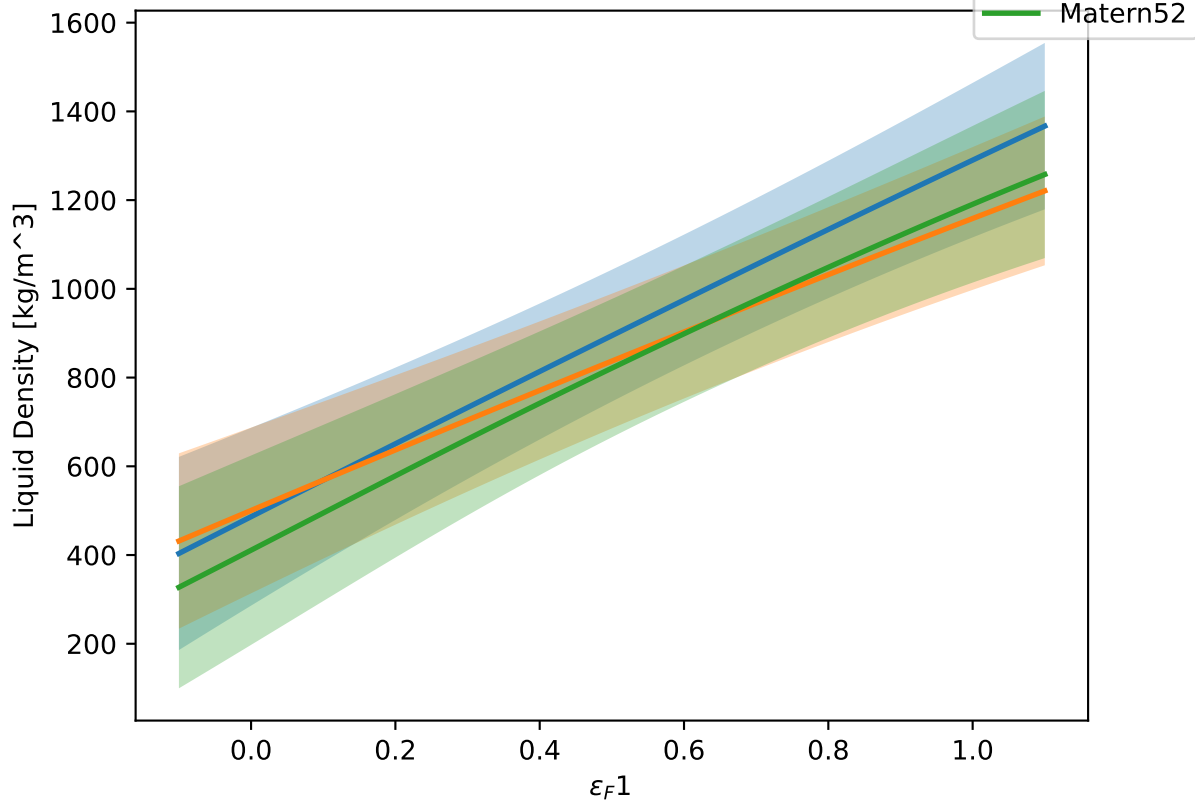
$\epsilon_F 1$  at  $T = 250$  K. Other vals = 0.40.



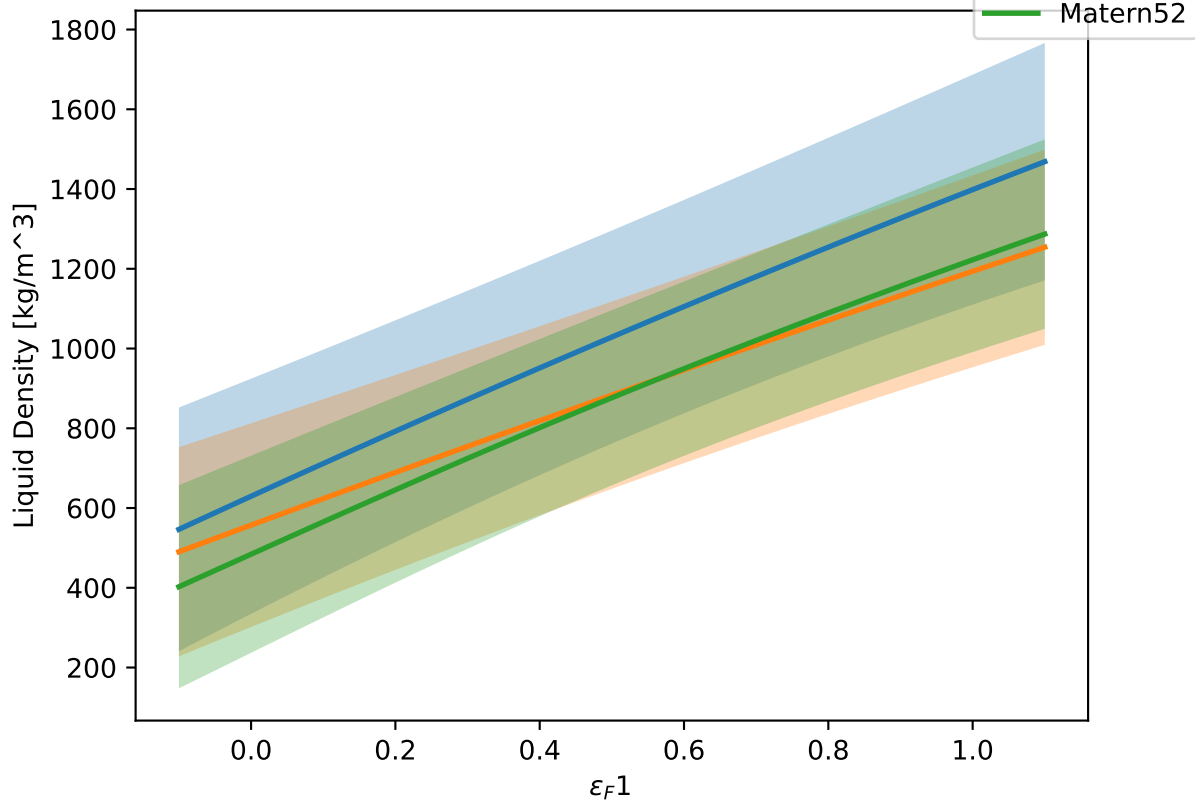
$\epsilon_F 1$  at  $T = 250$  K. Other vals = 0.50.



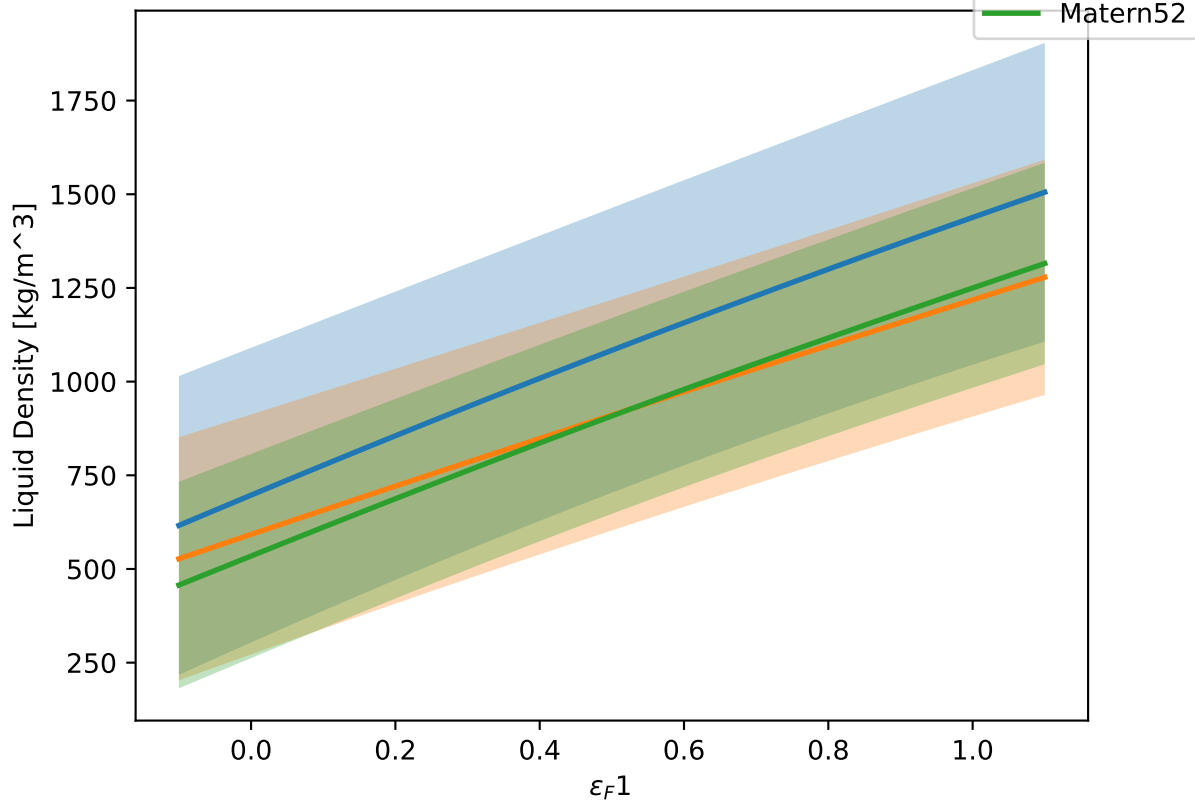
$\epsilon_F 1$  at  $T = 250$  K. Other vals = 0.60.



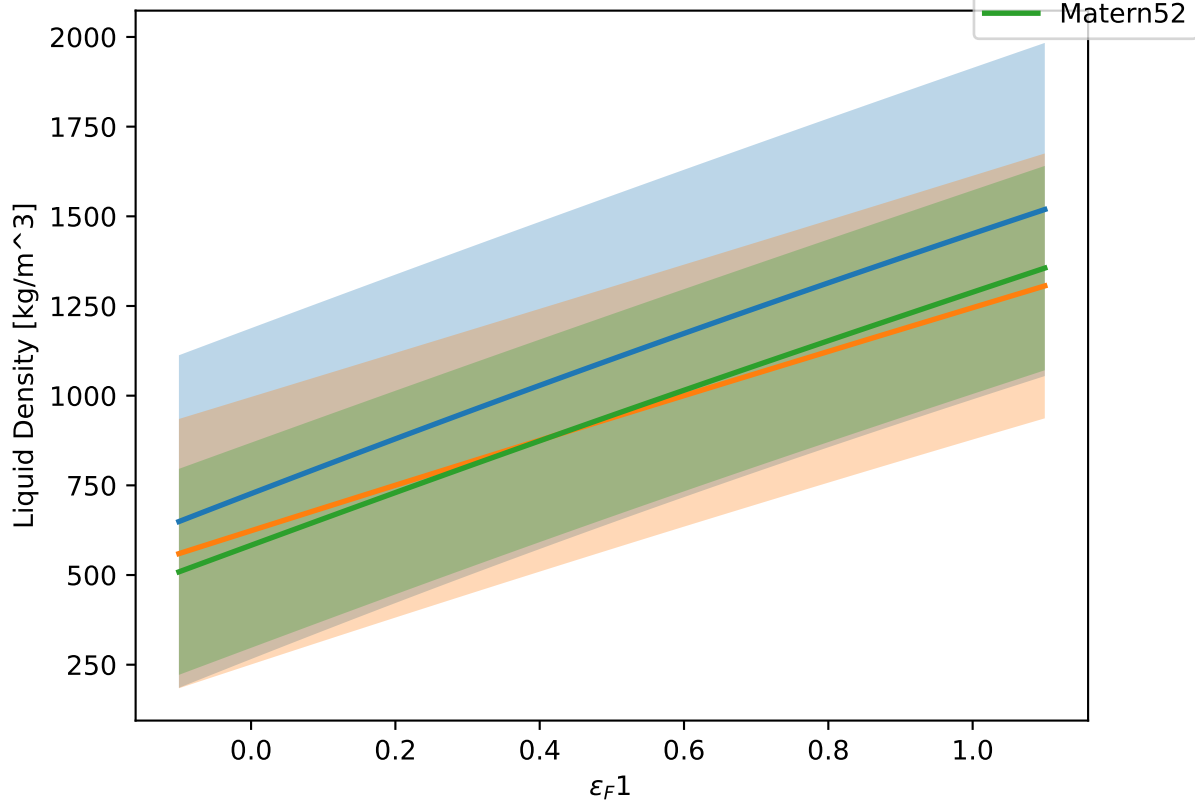
$\epsilon_F 1$  at  $T = 250$  K. Other vals = 0.70.



$\epsilon_F 1$  at  $T = 250$  K. Other vals = 0.80.

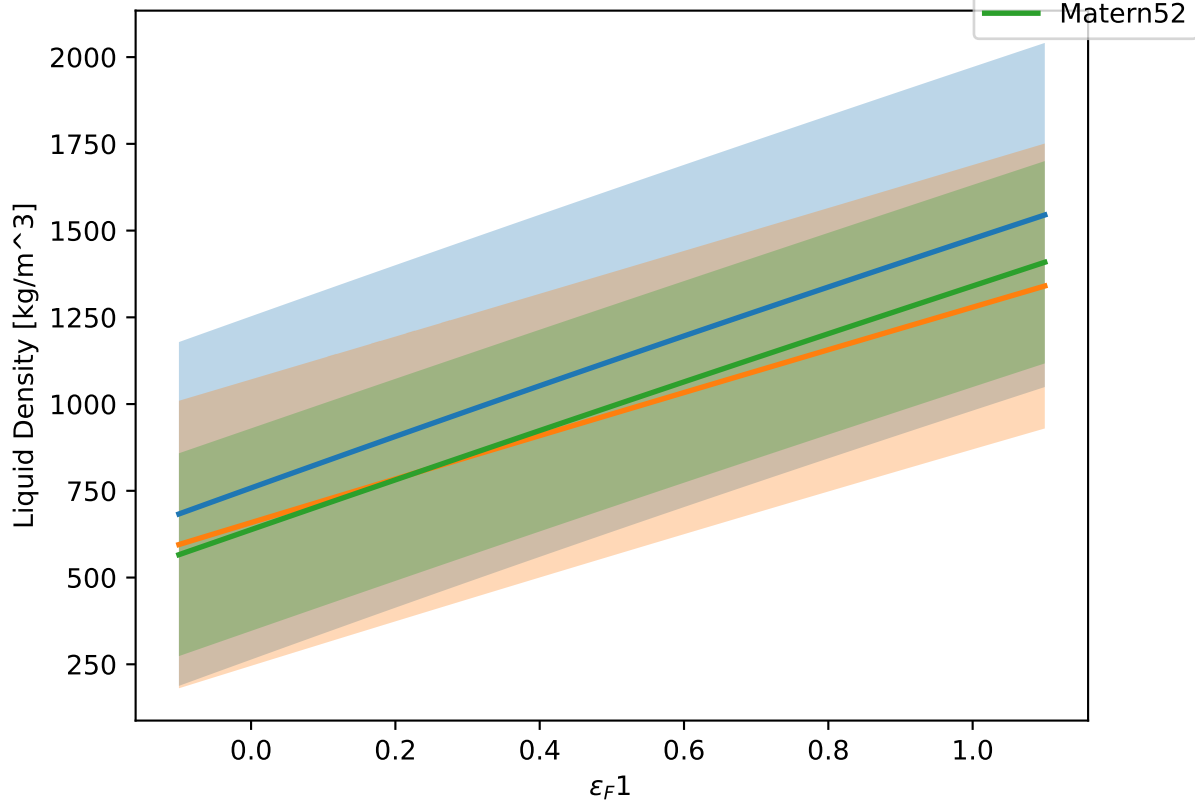


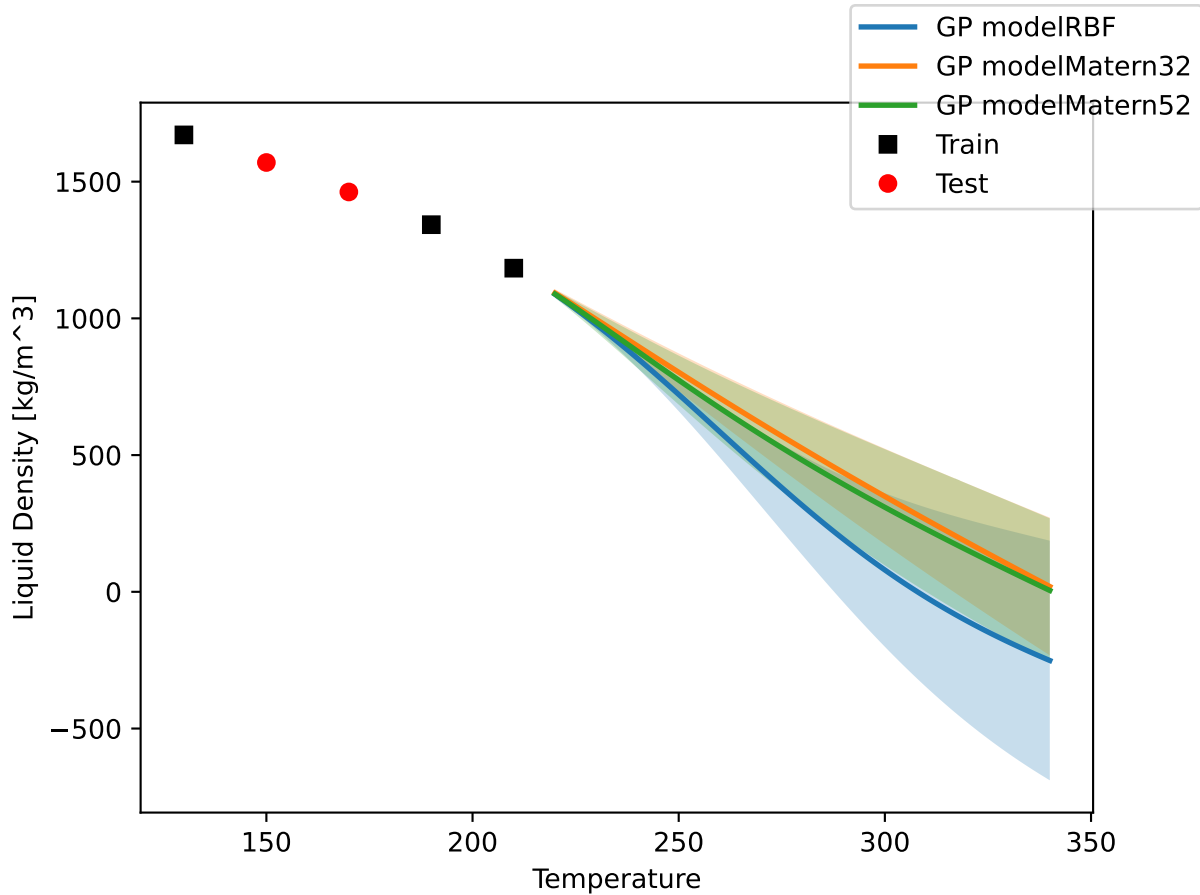
$\epsilon_F 1$  at  $T = 250$  K. Other vals = 0.90.

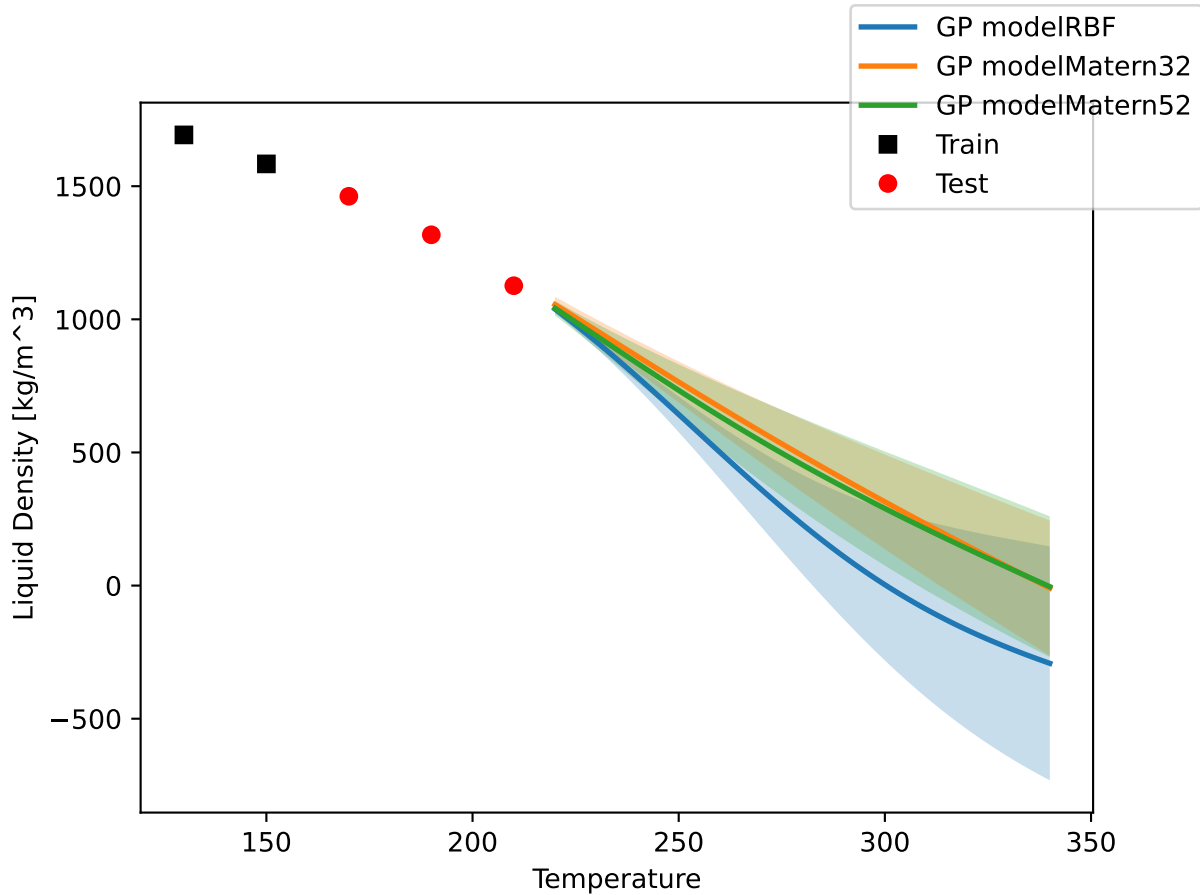


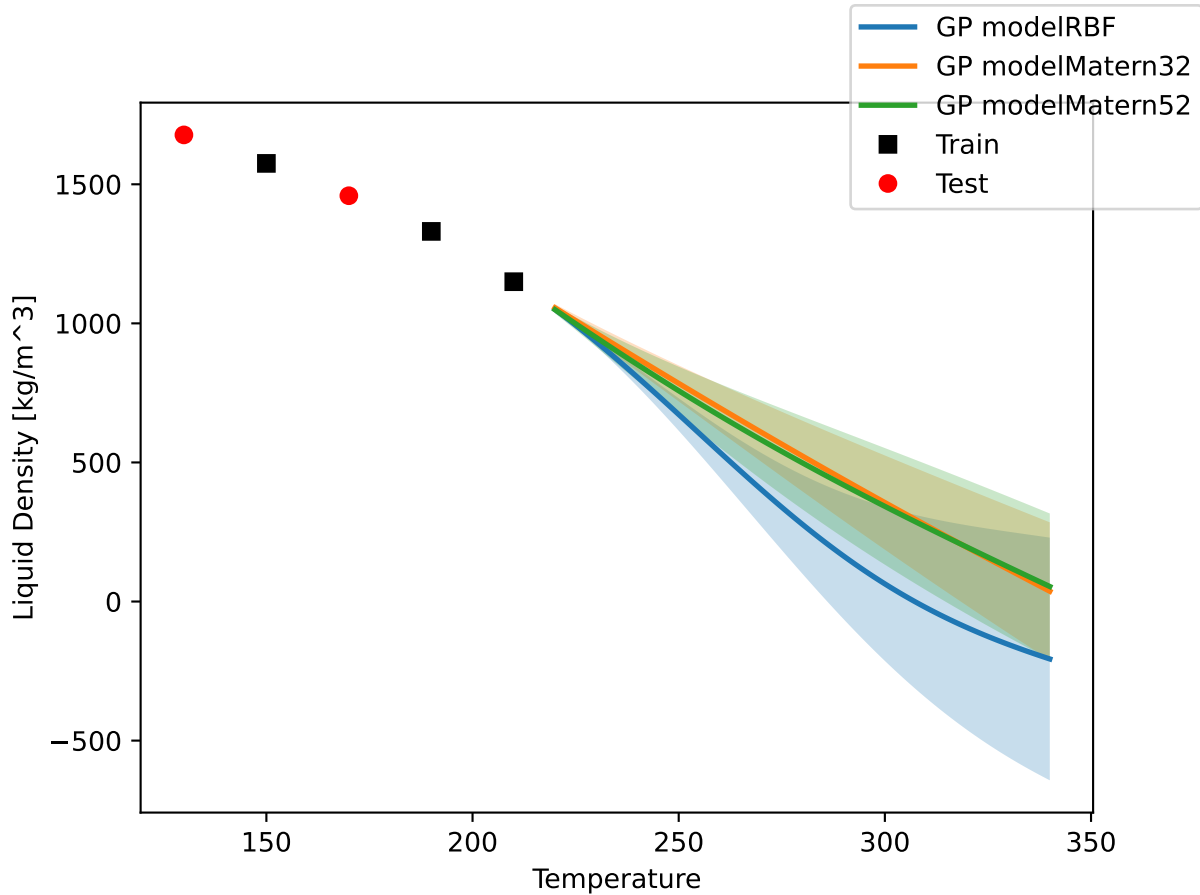


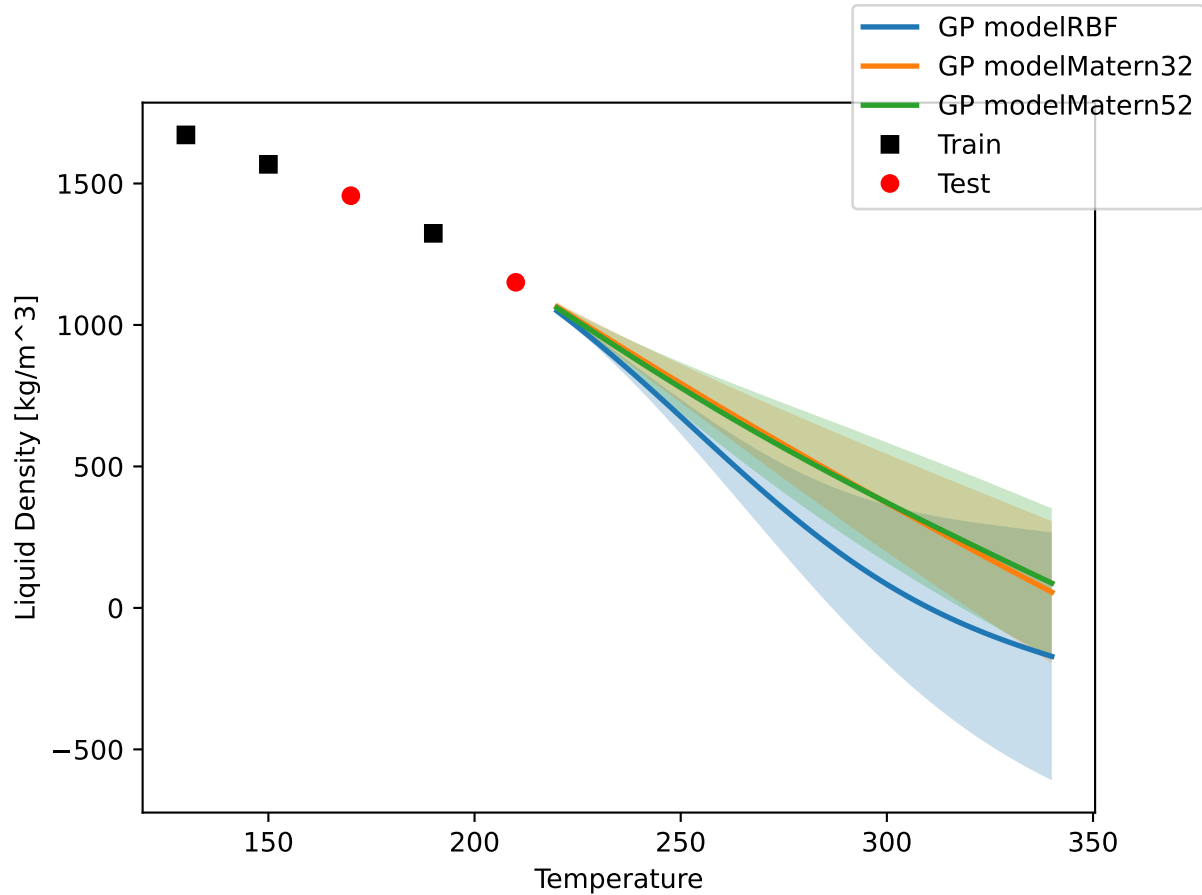
$\epsilon_F 1$  at  $T = 250$  K. Other vals = 1.00.

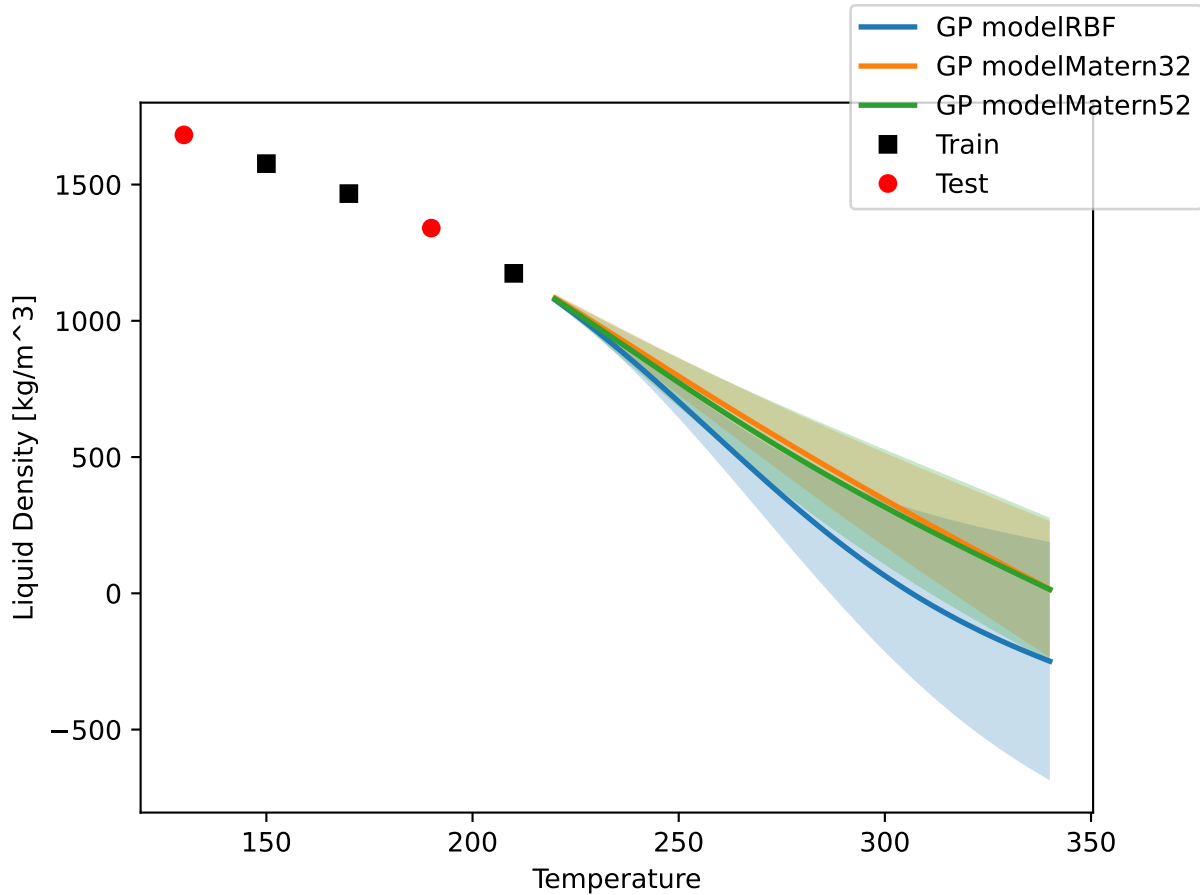


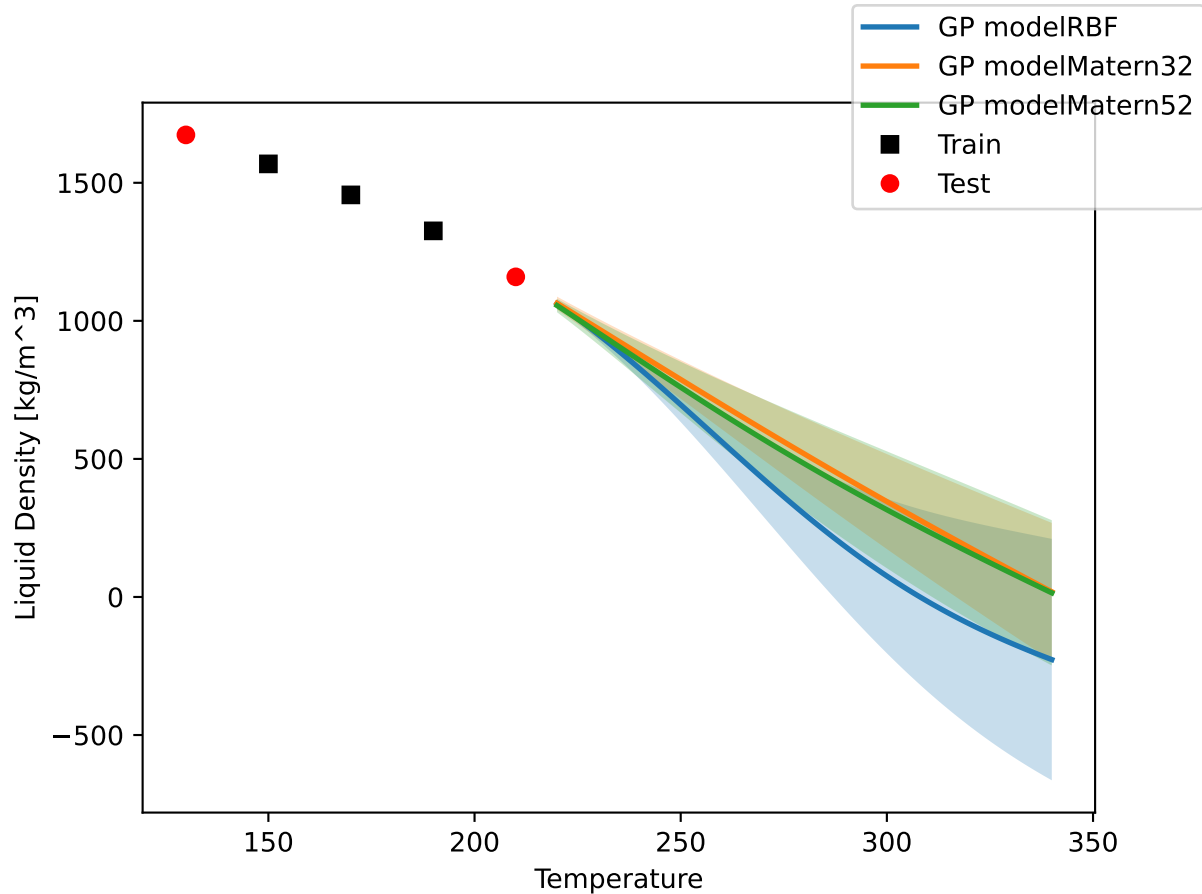


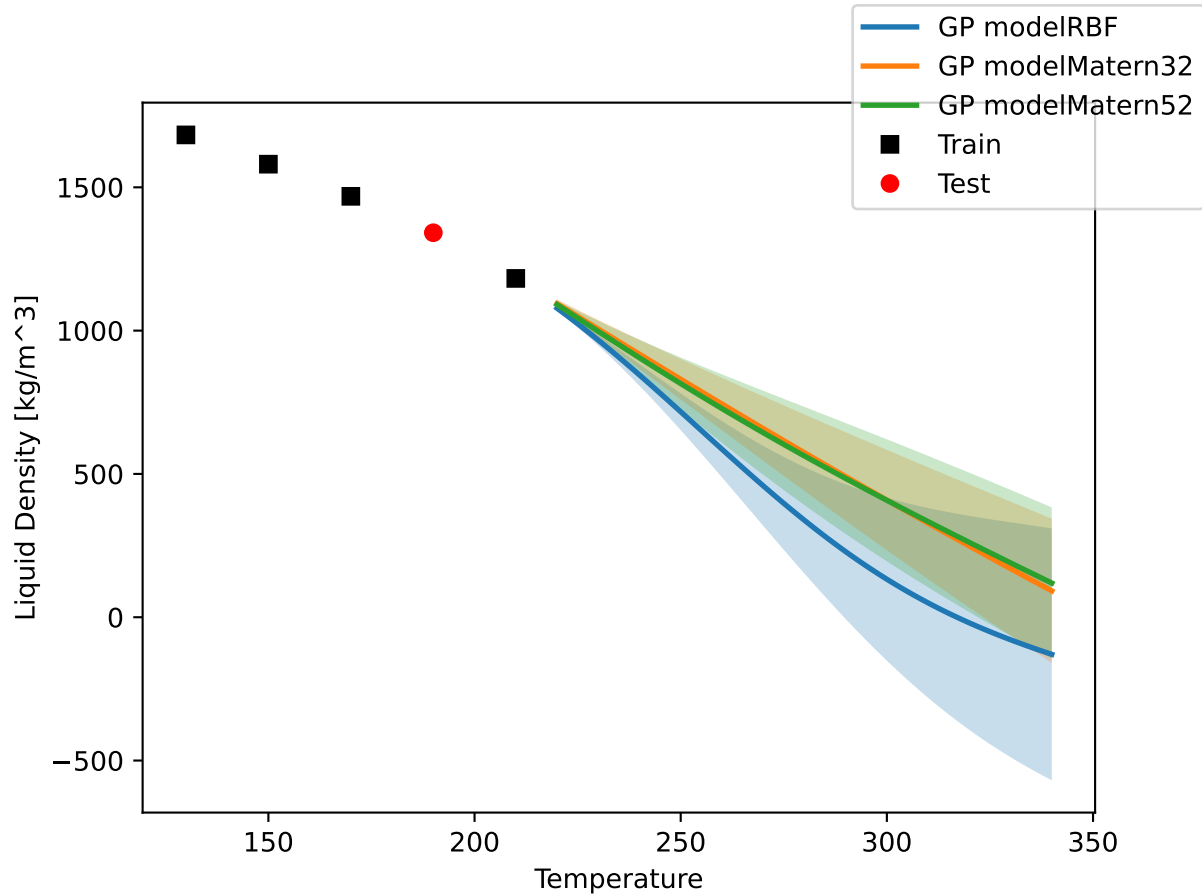




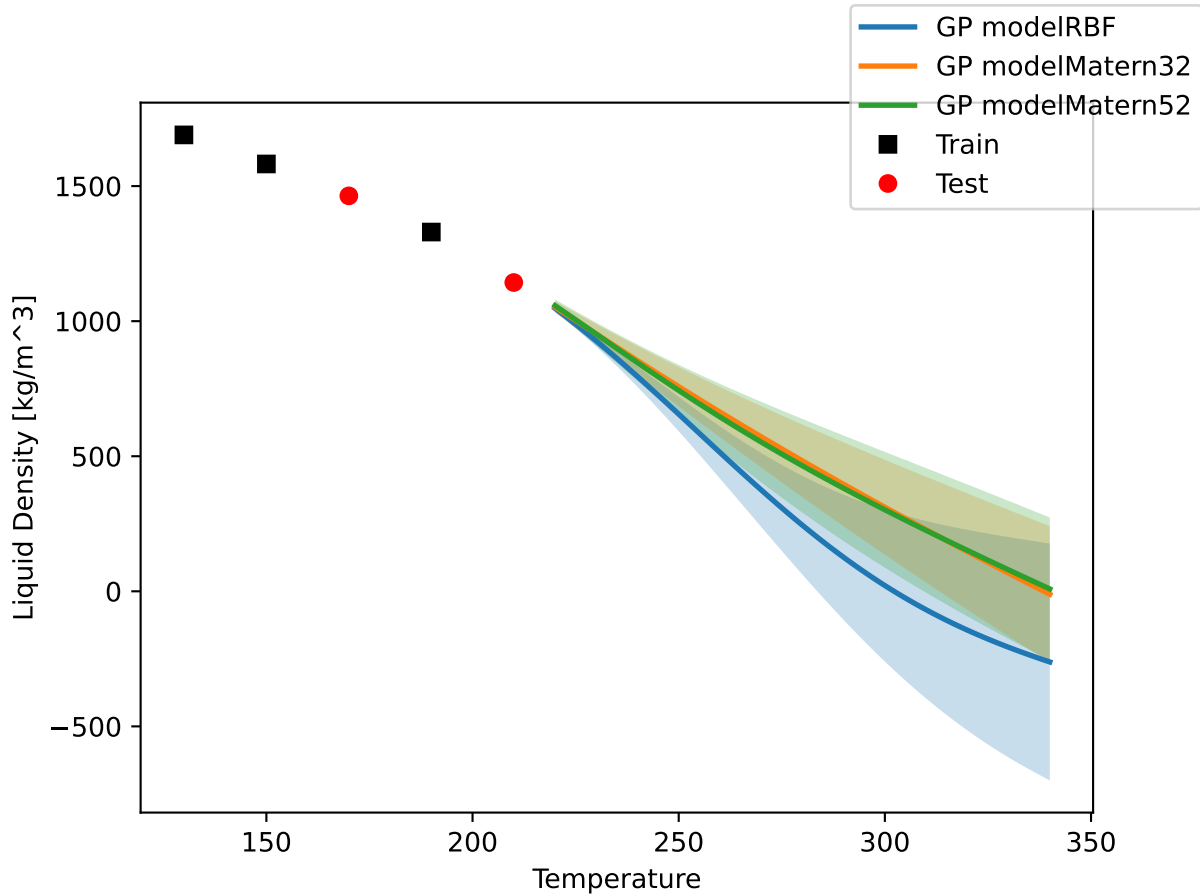


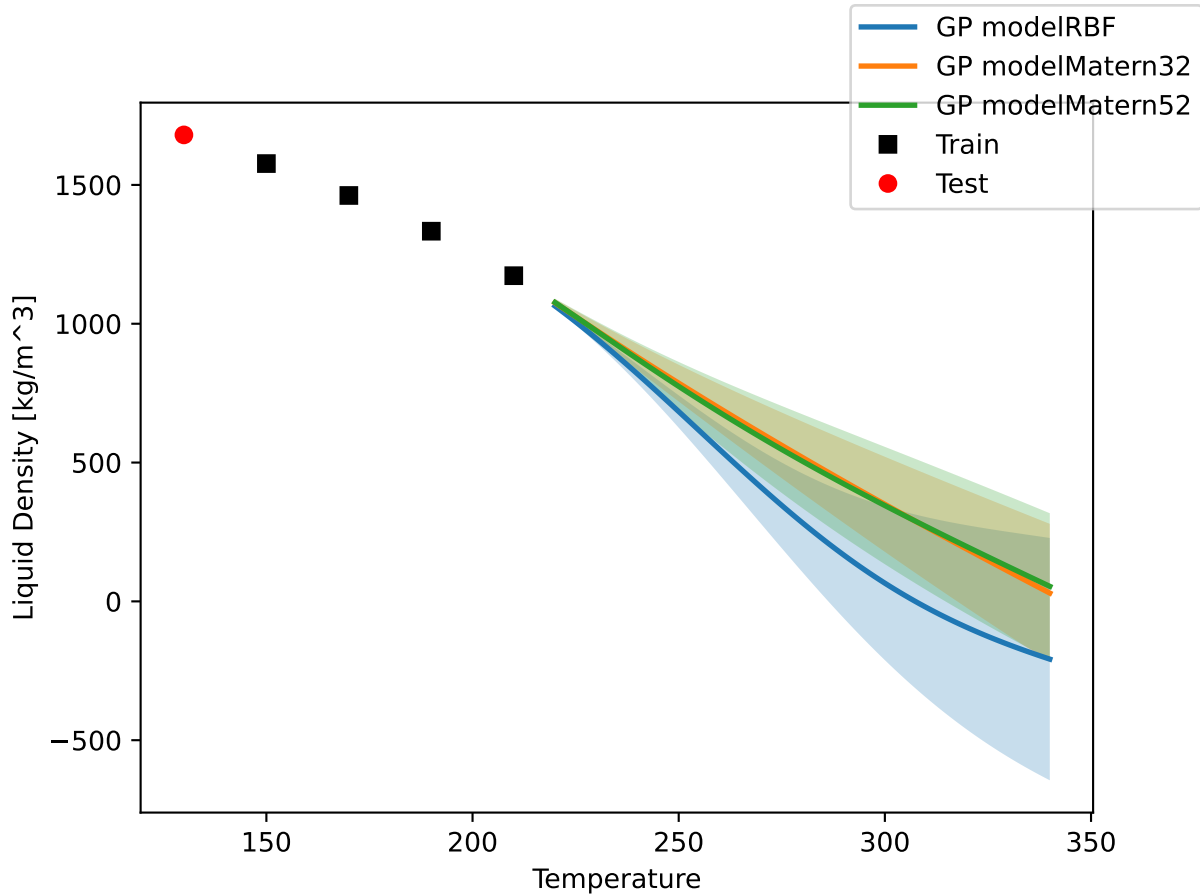


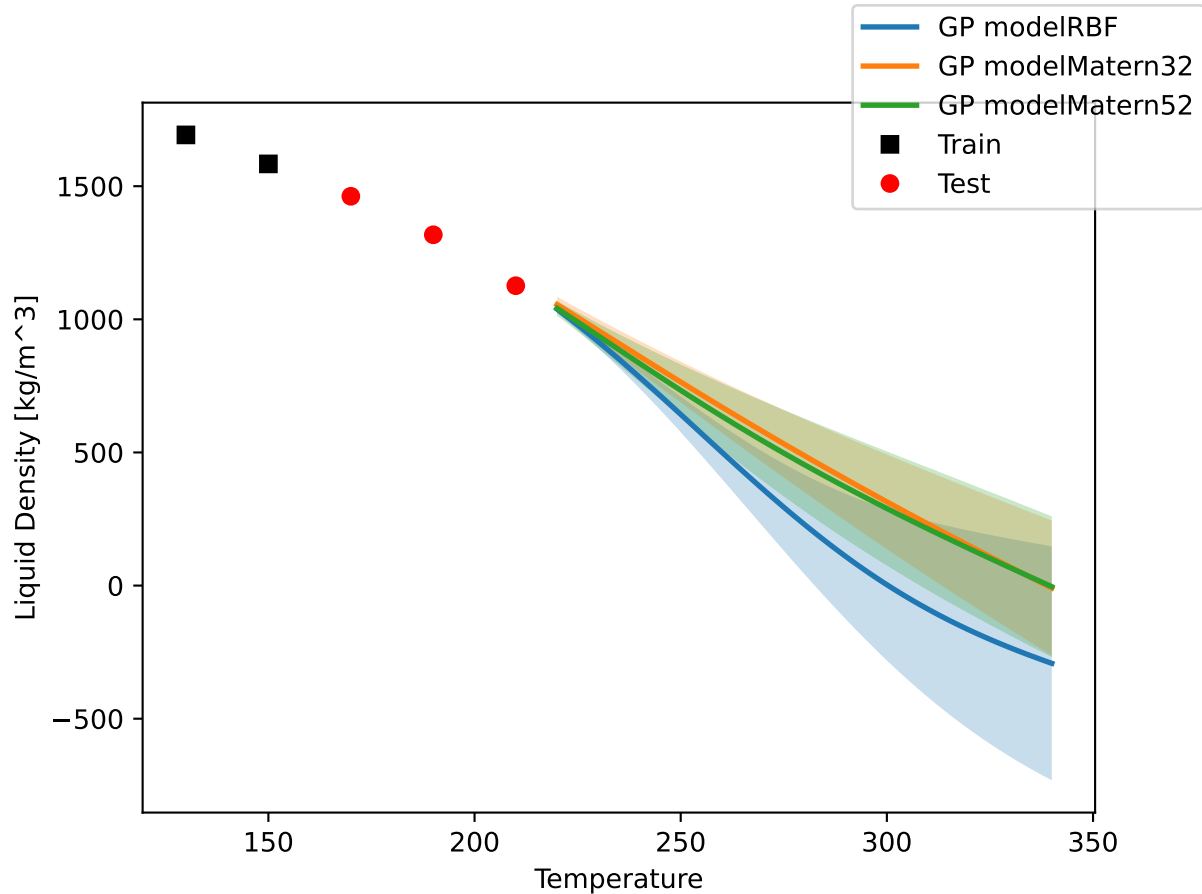


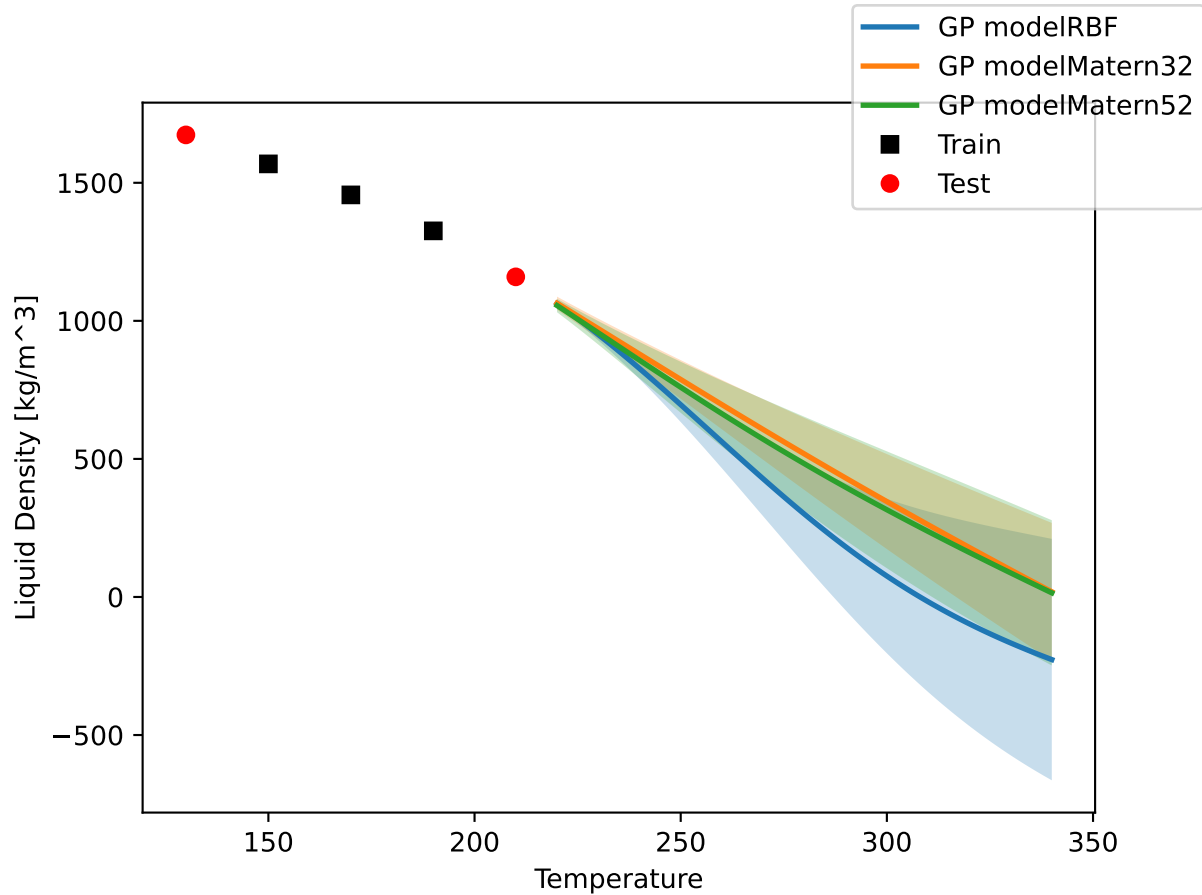


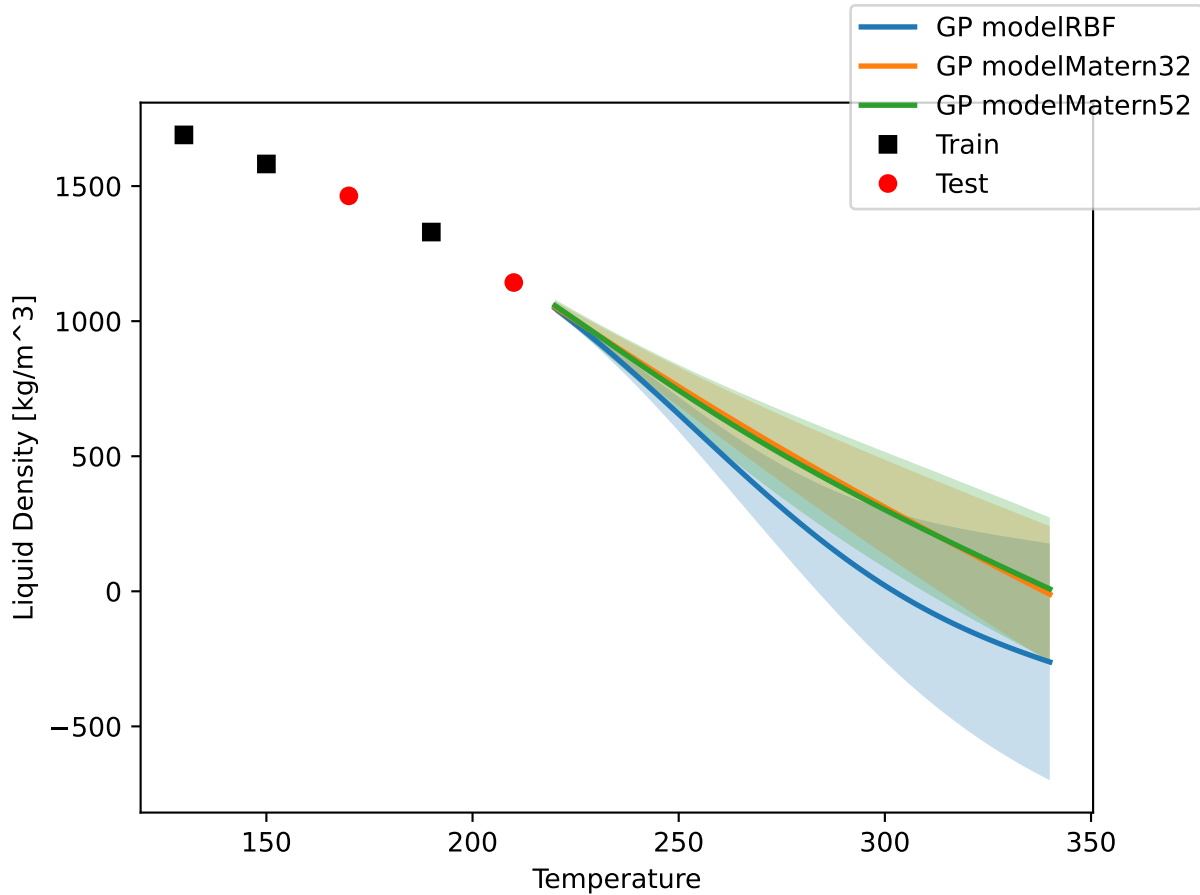


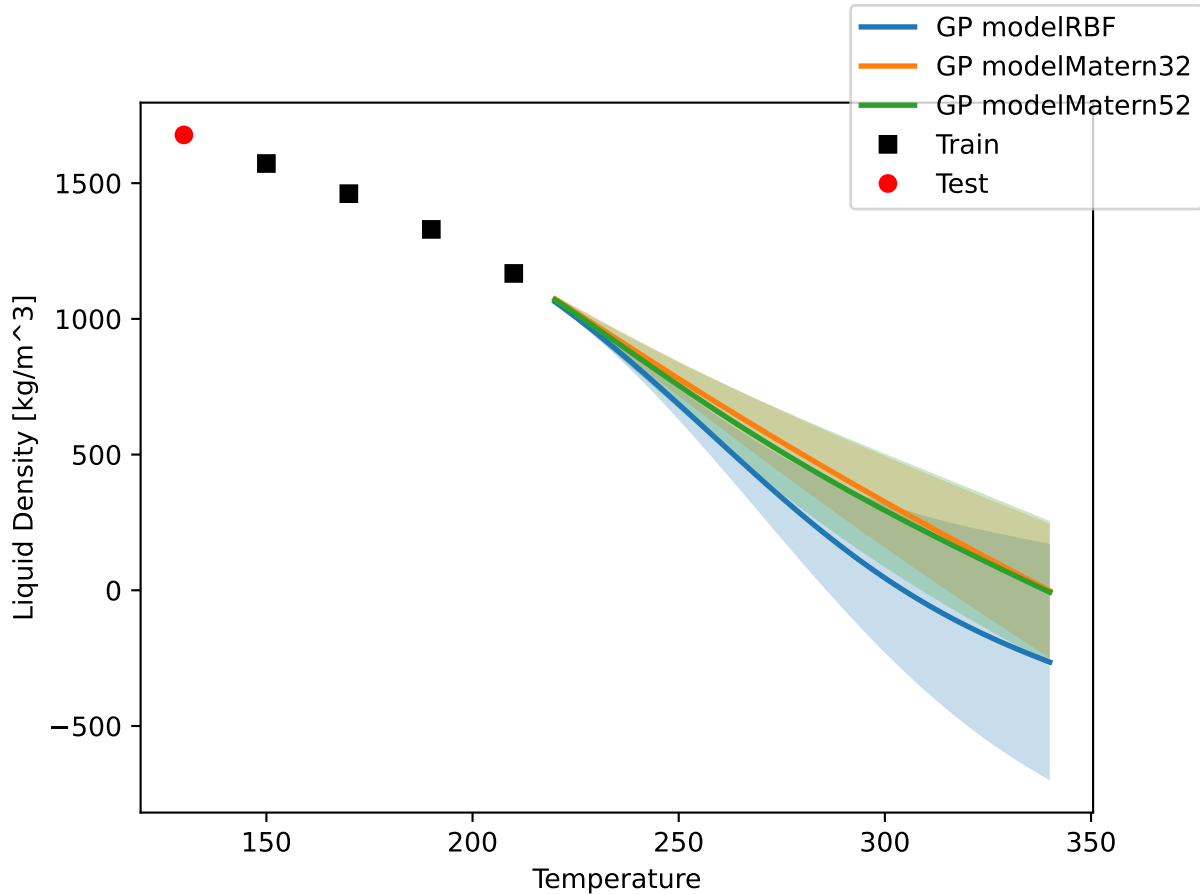


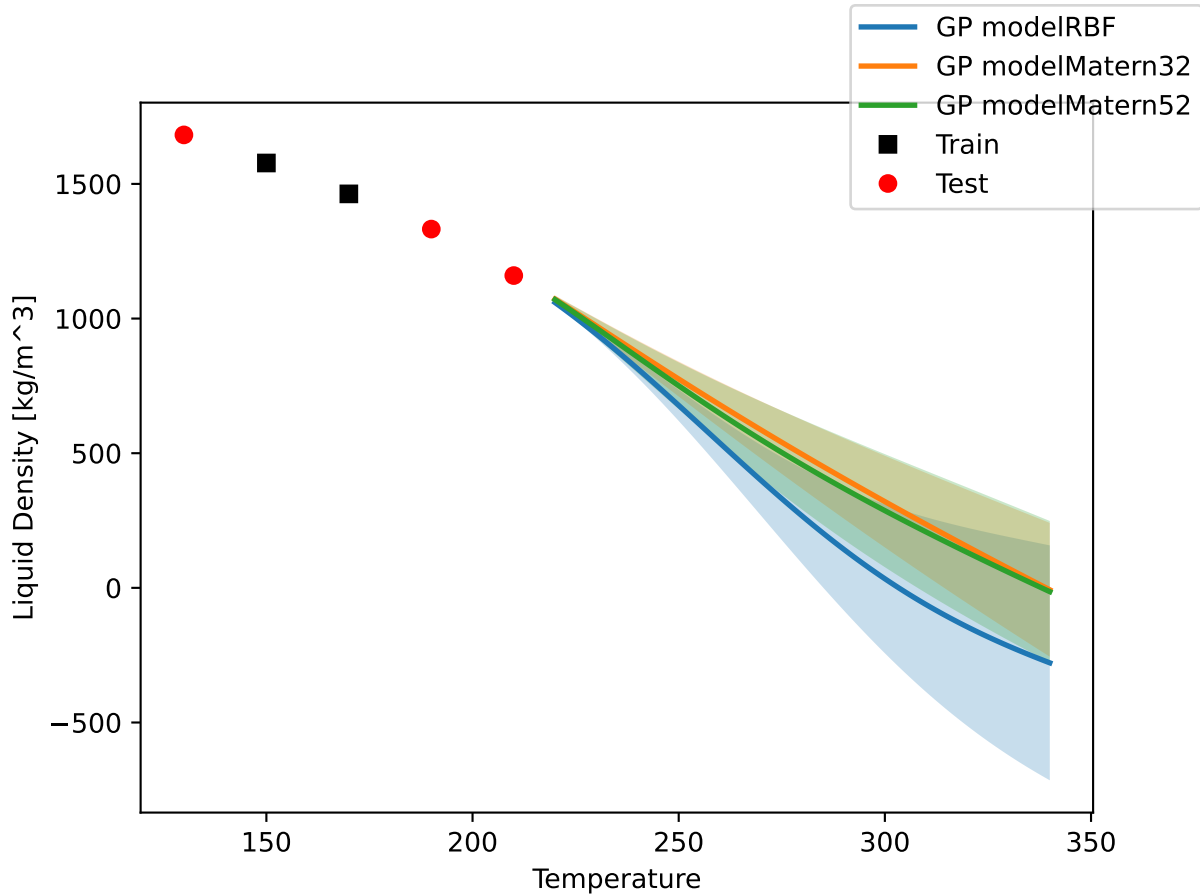


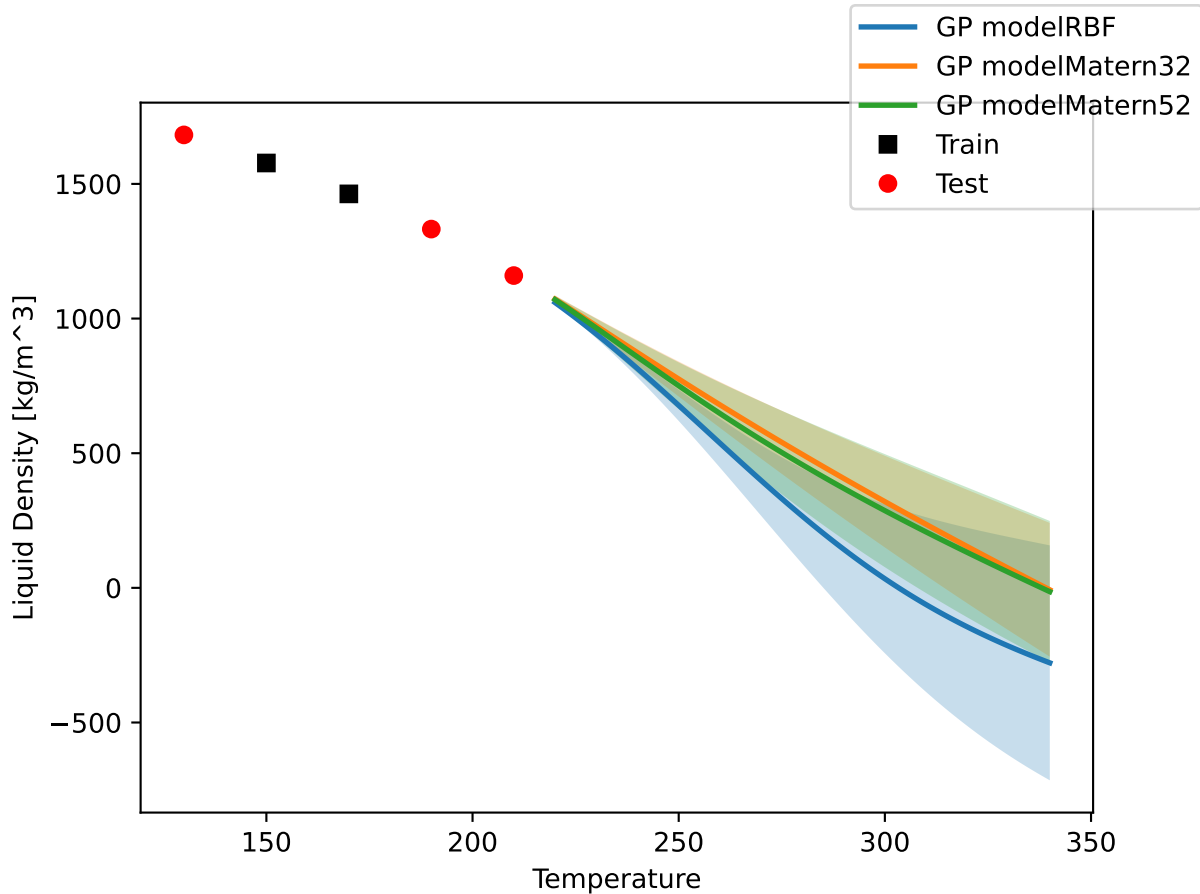




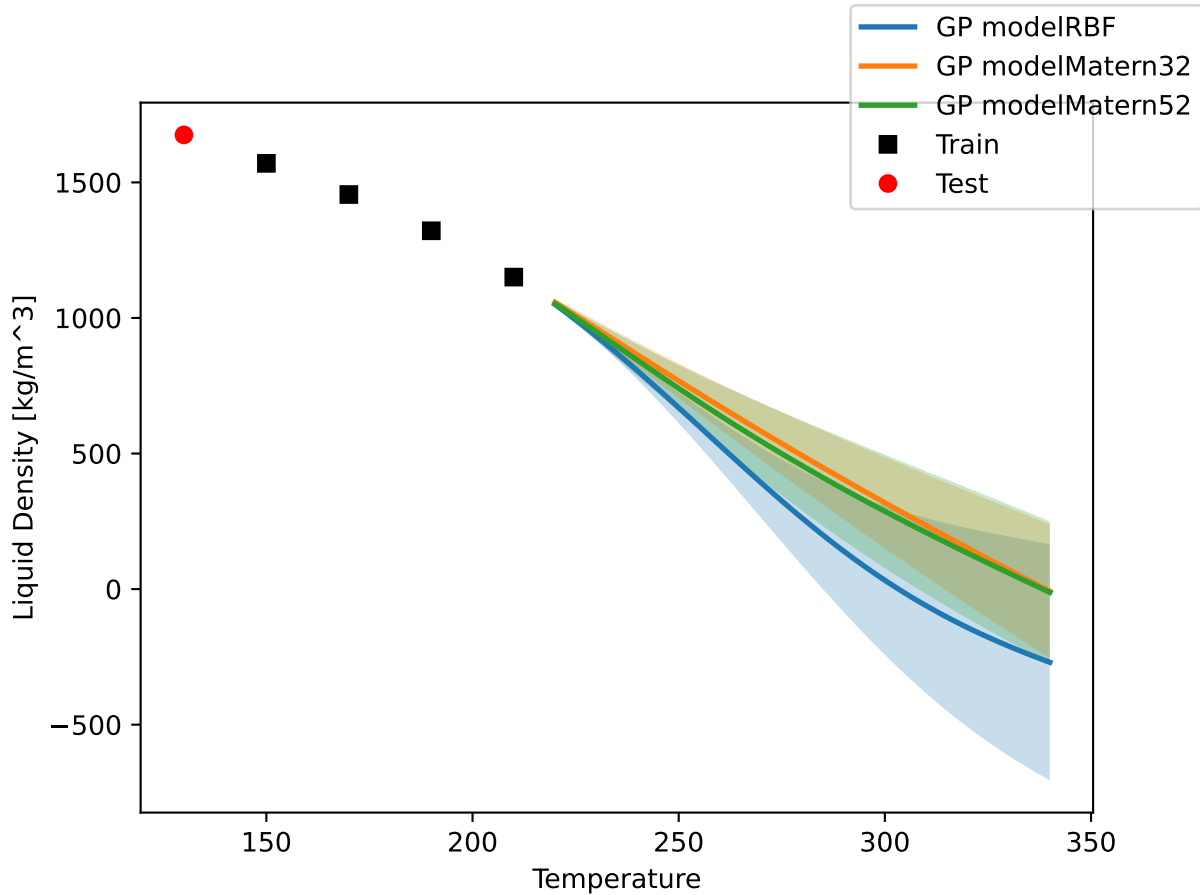


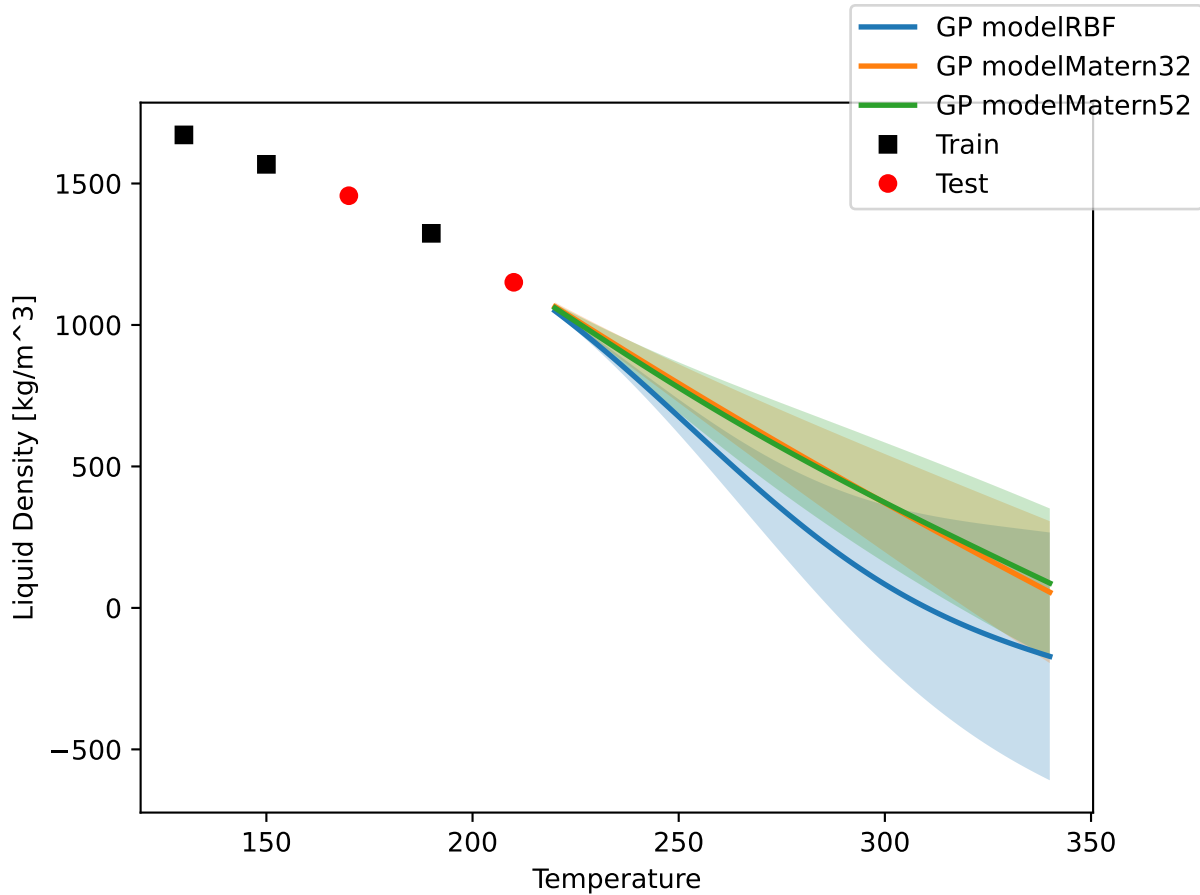


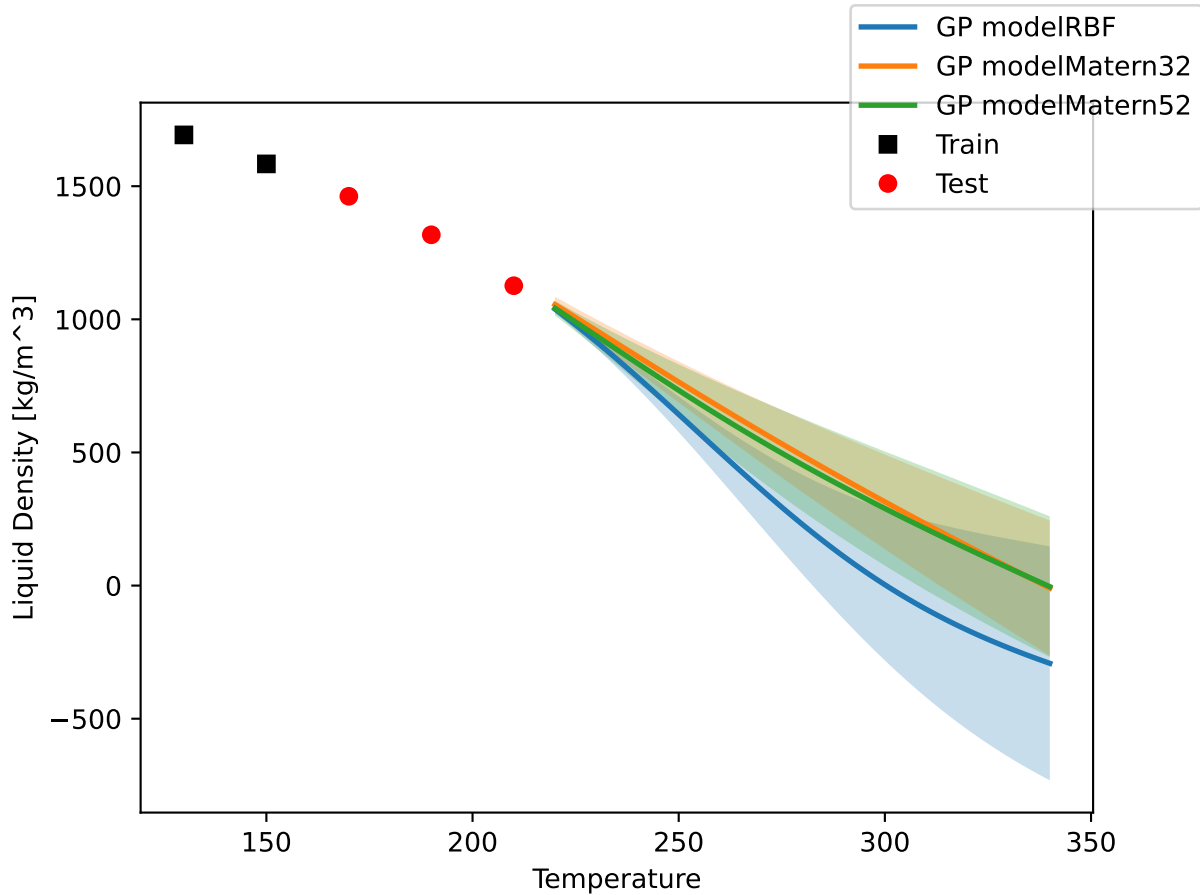


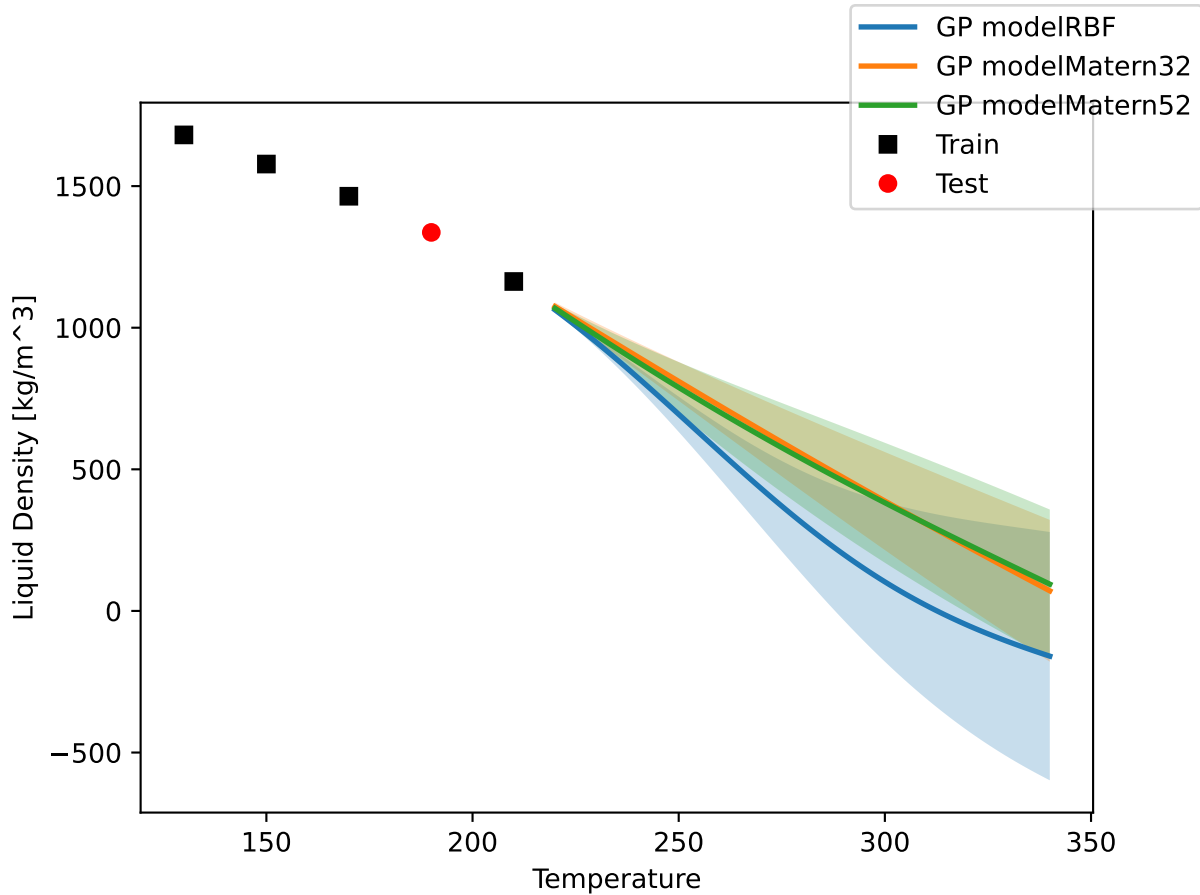


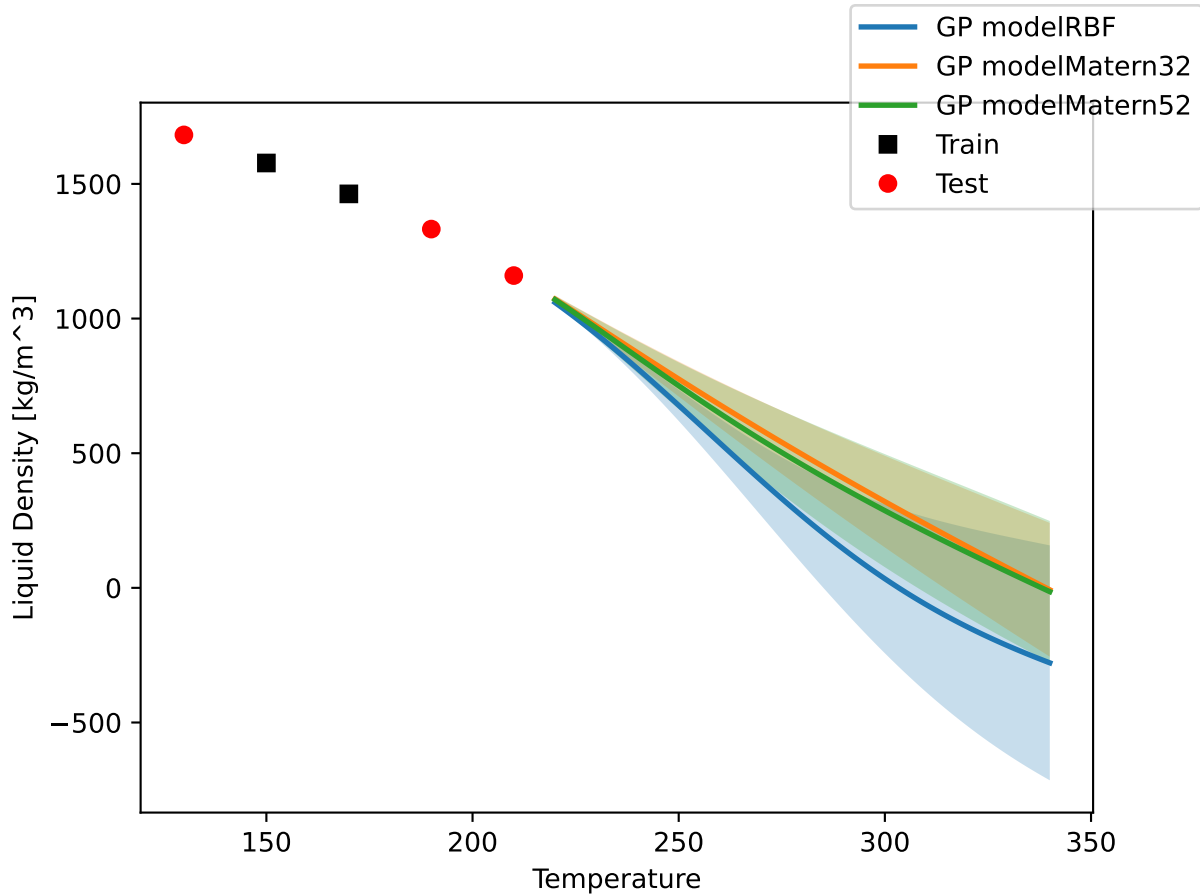


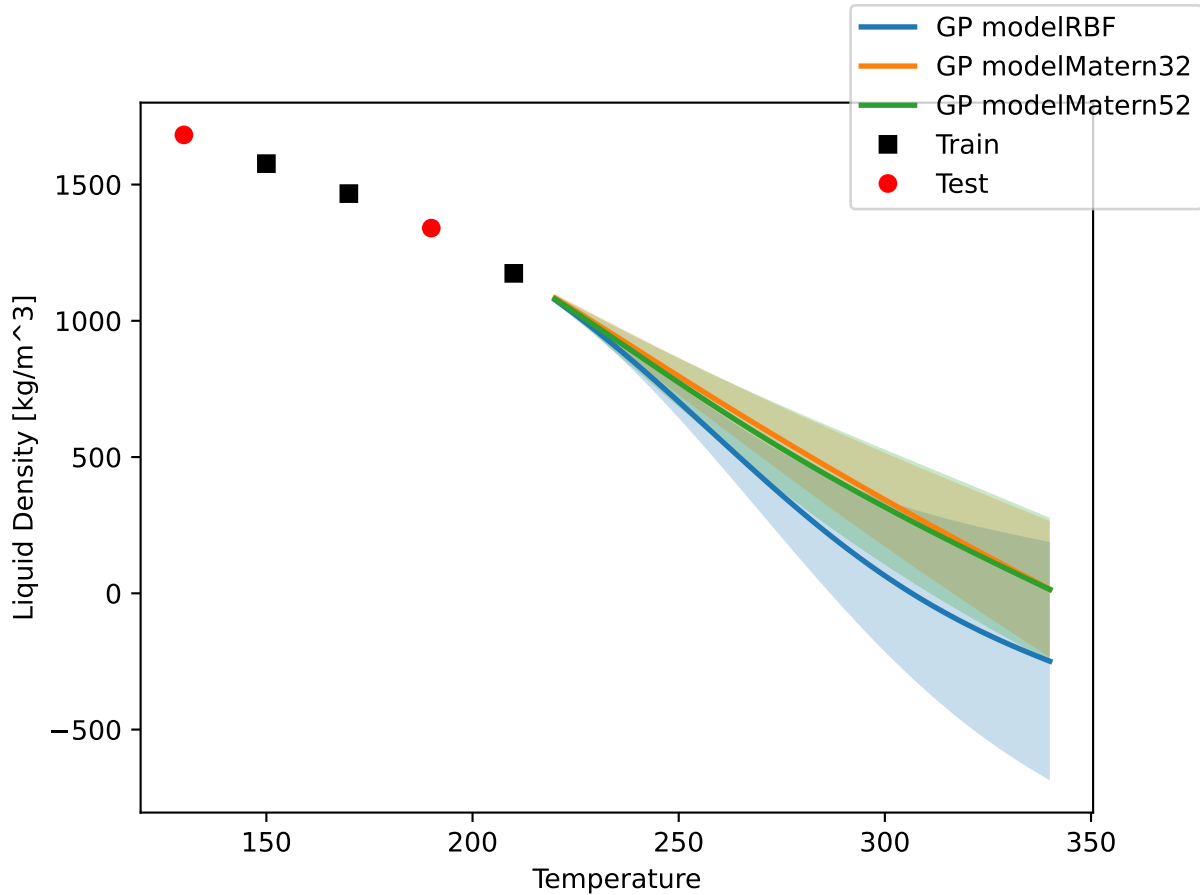


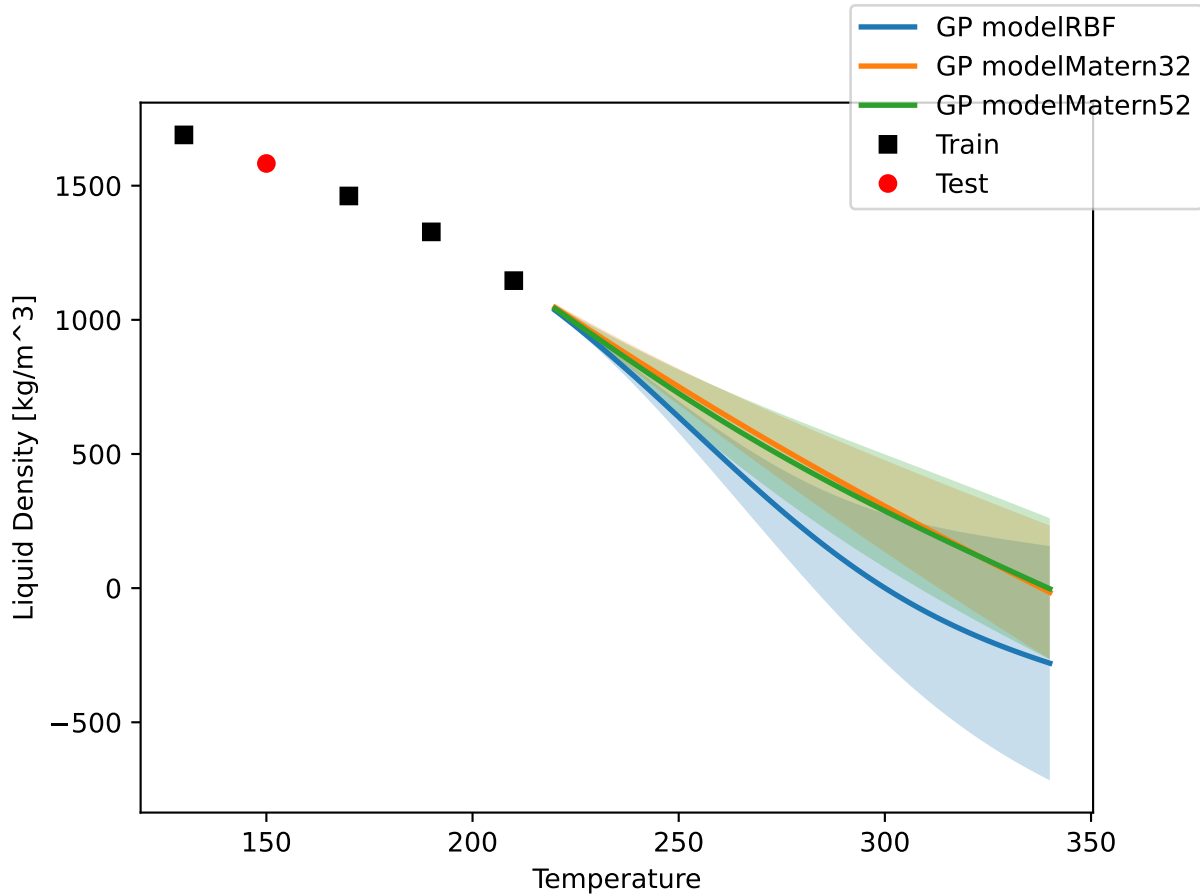


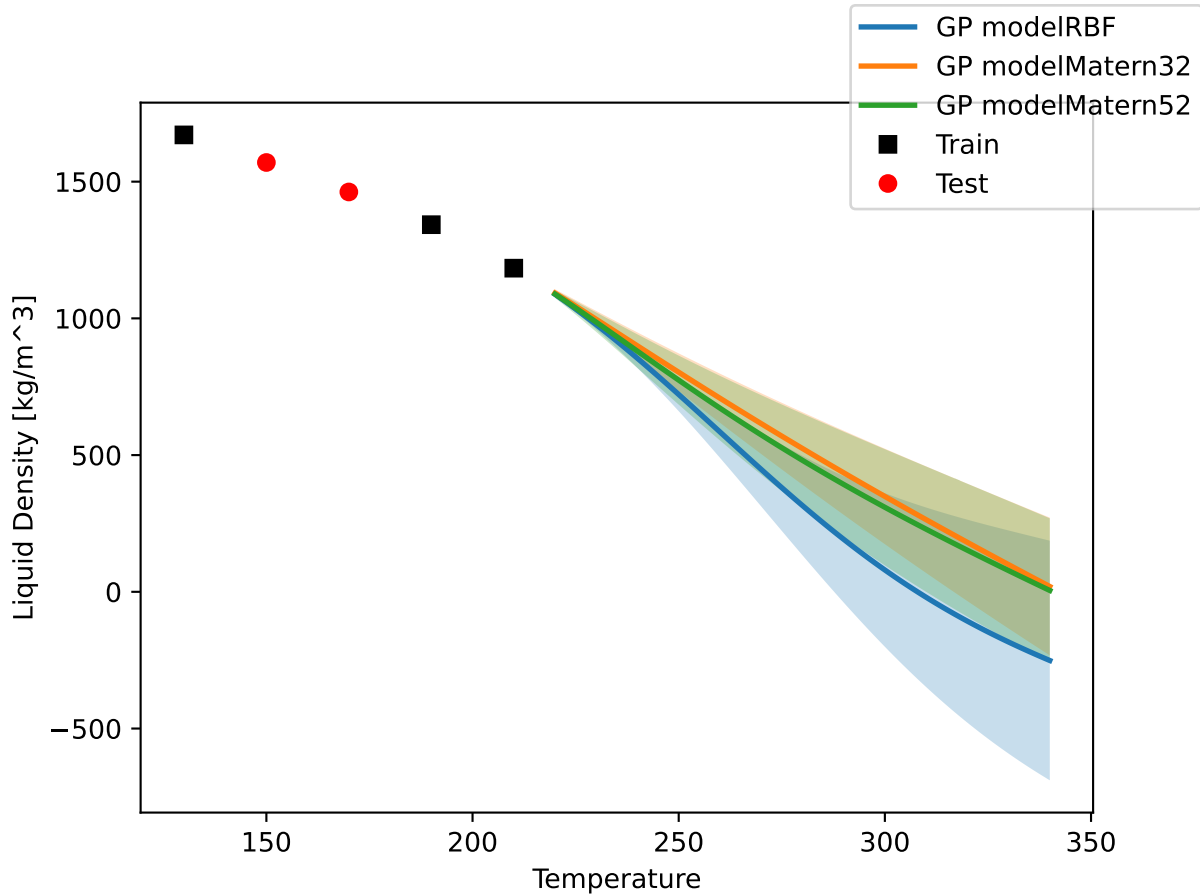




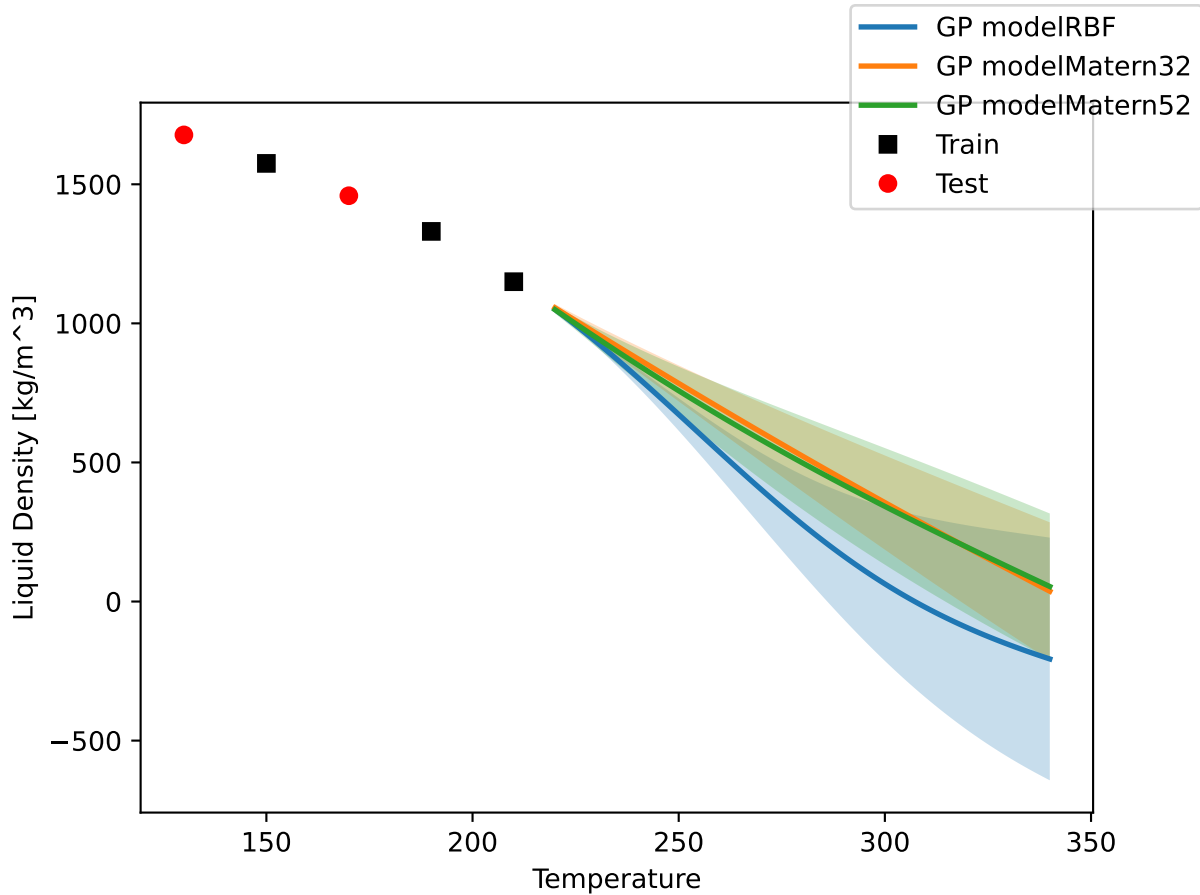


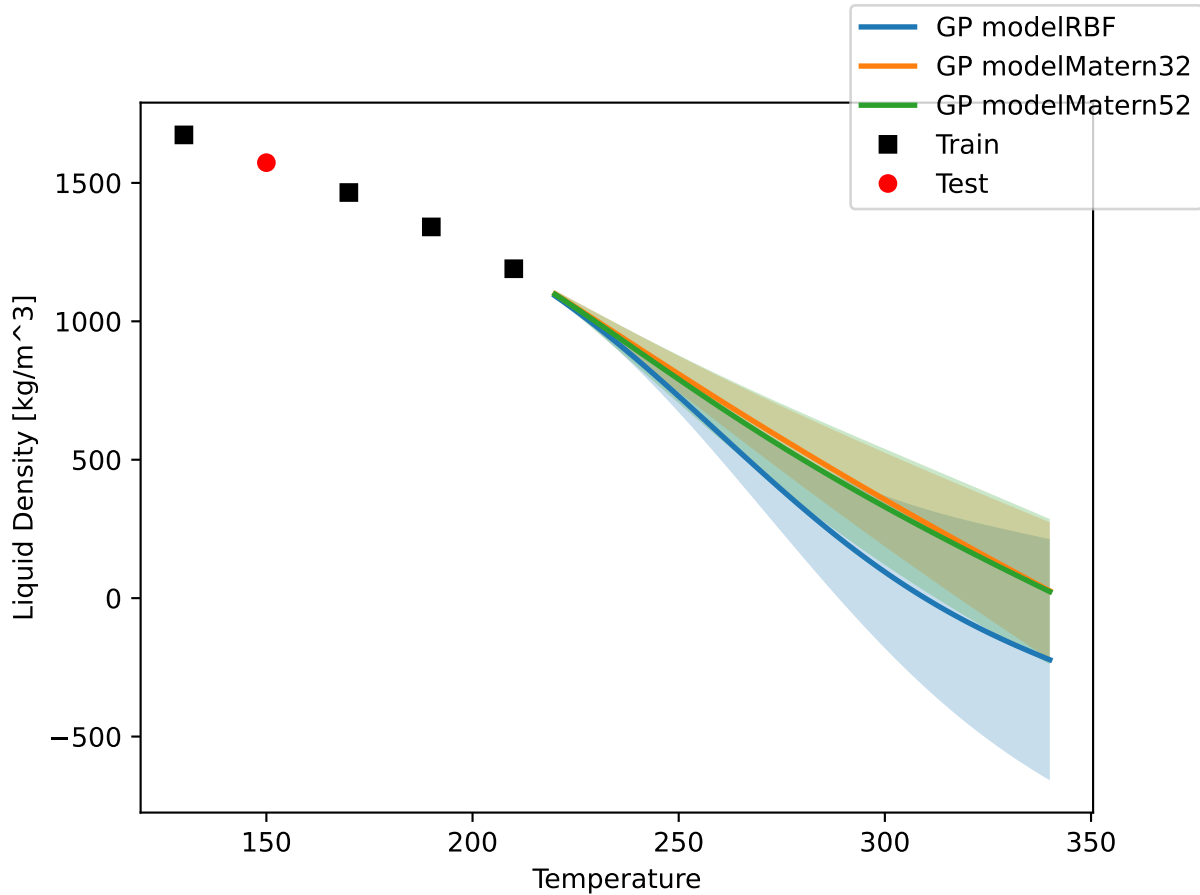


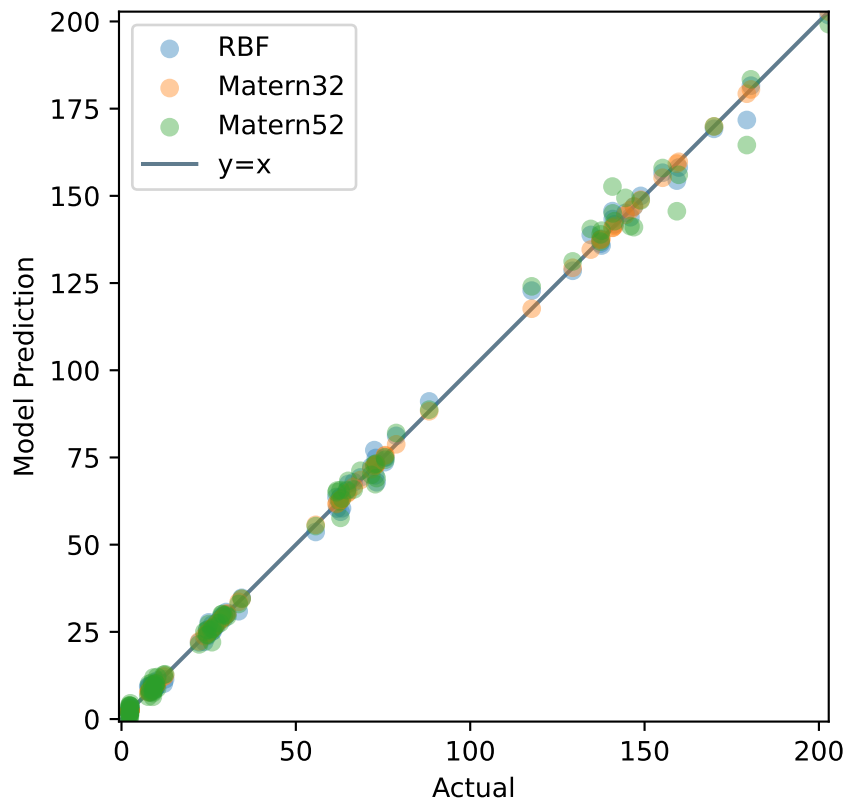


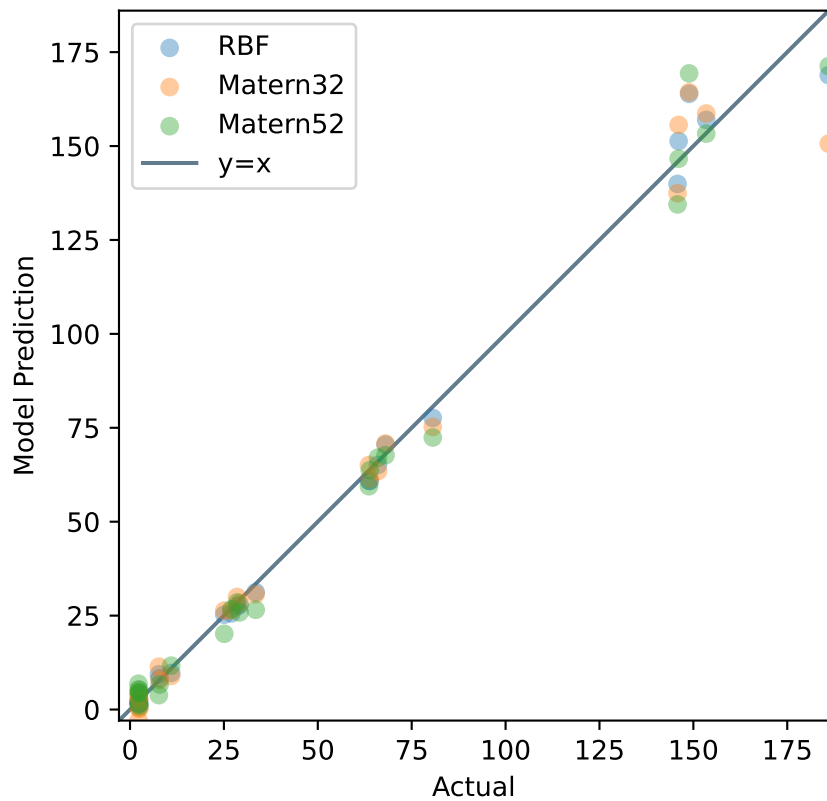




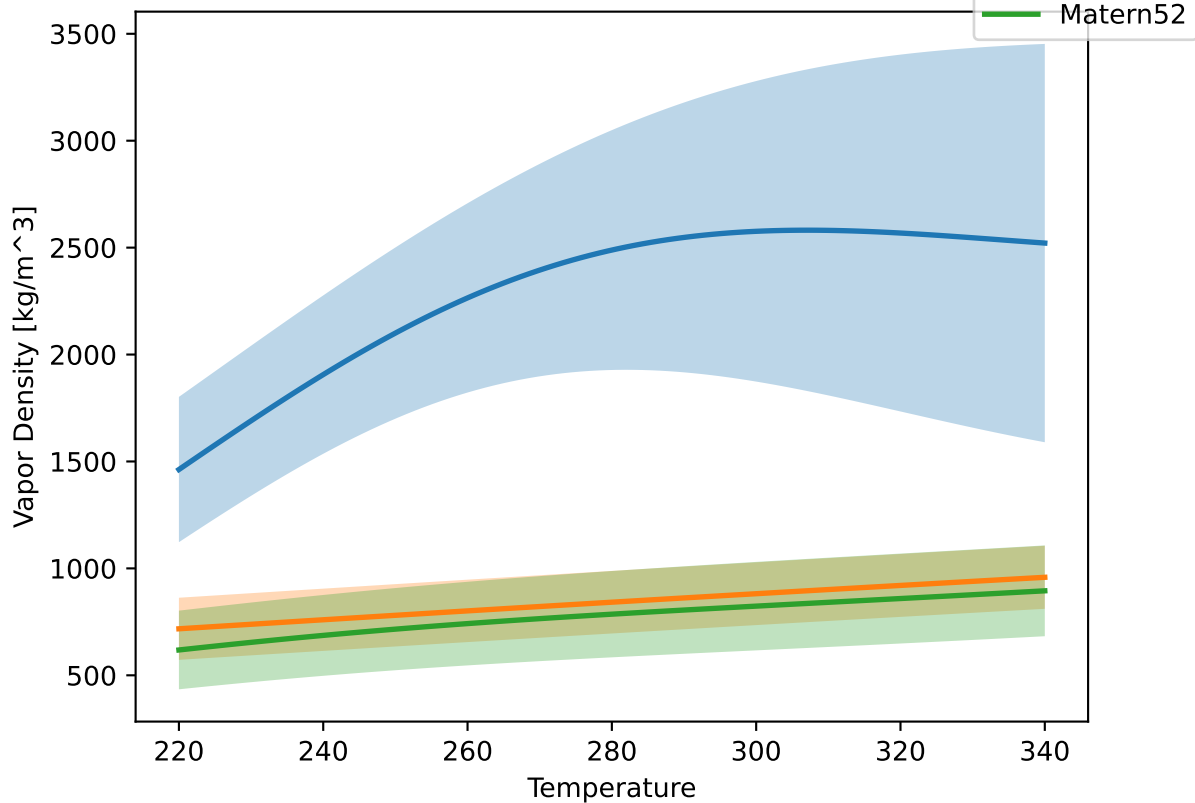




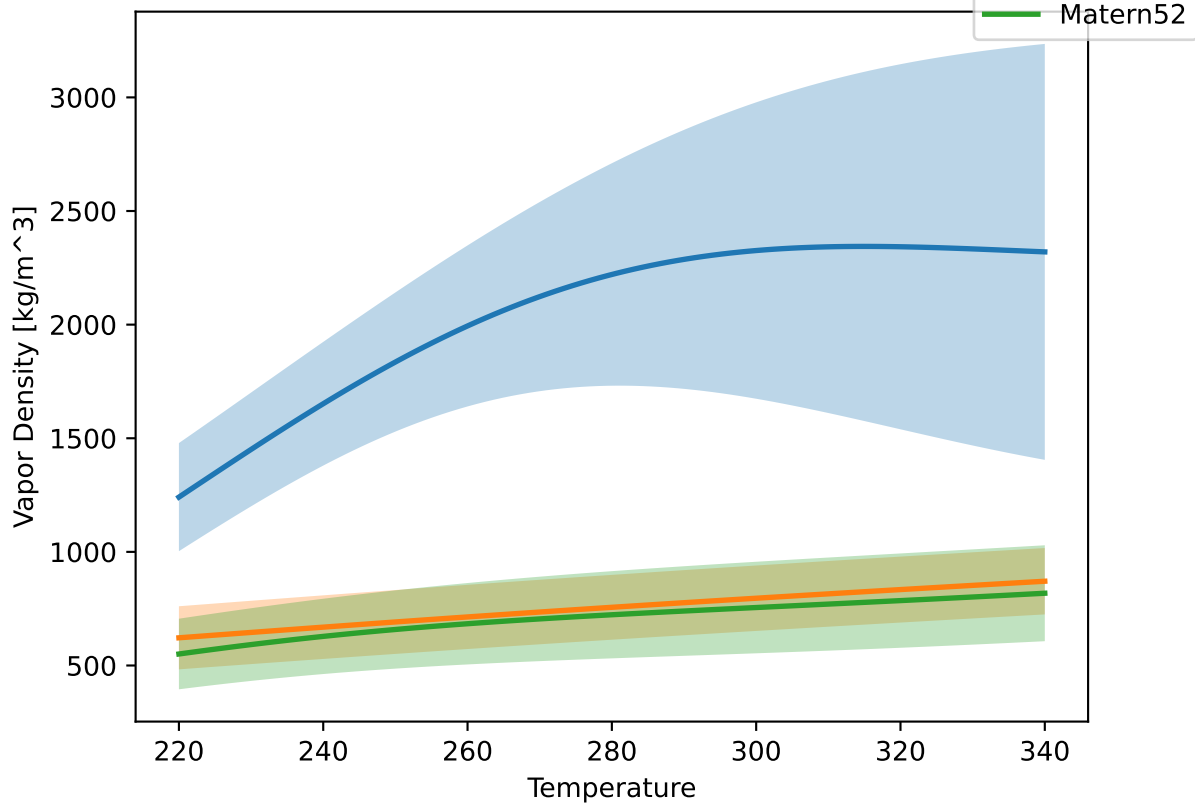




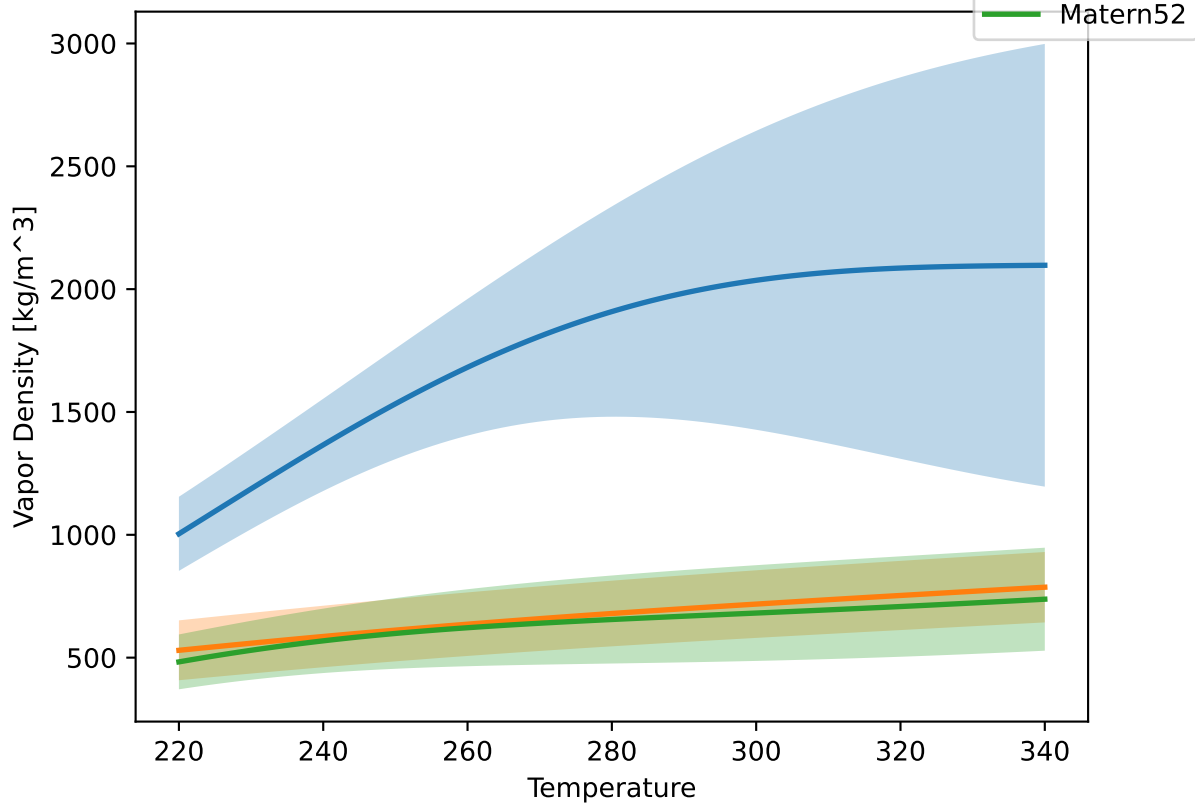
Other vals = 0.00



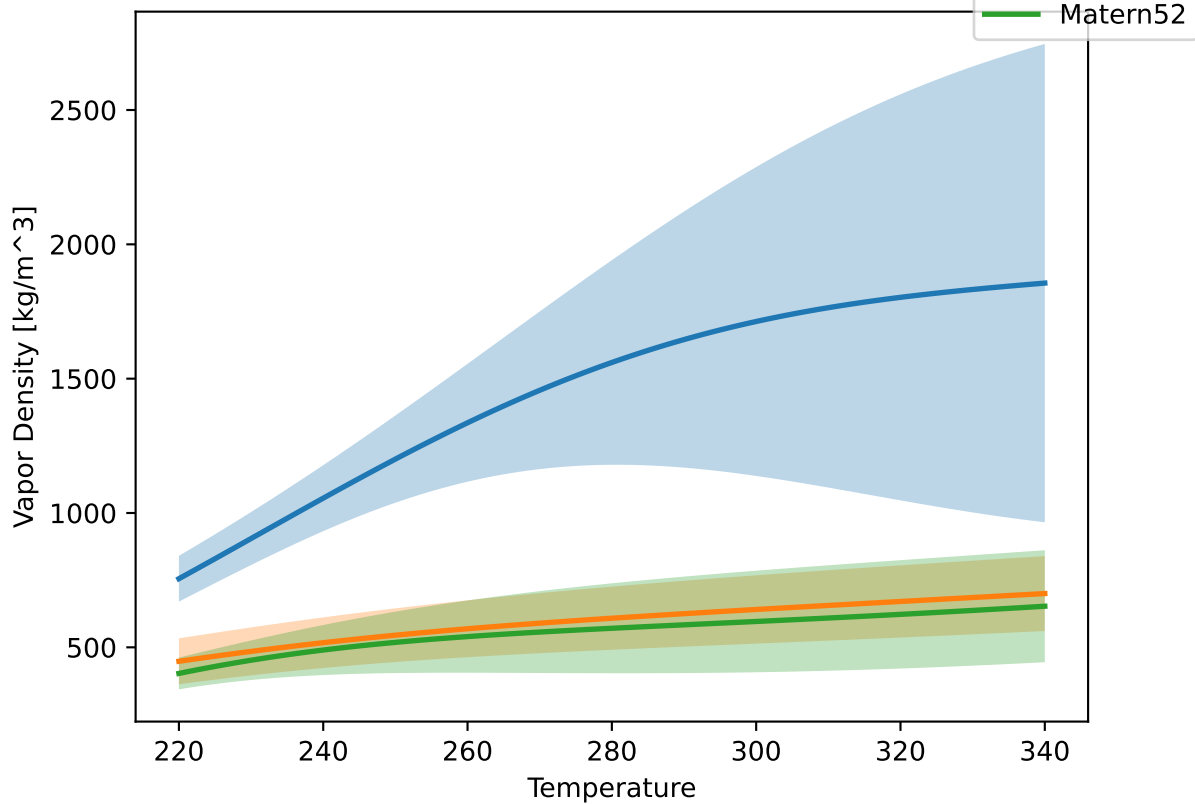
Other vals = 0.10



Other vals = 0.20

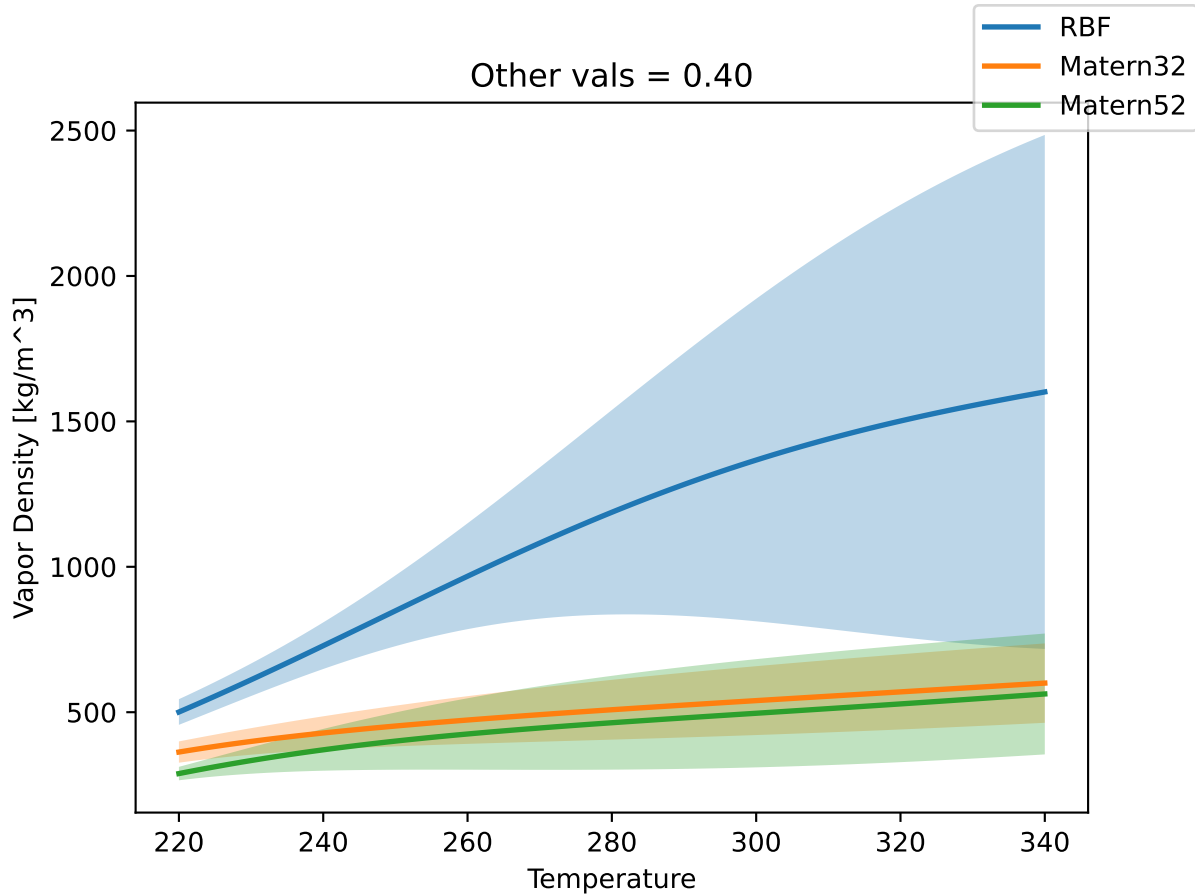


Other vals = 0.30

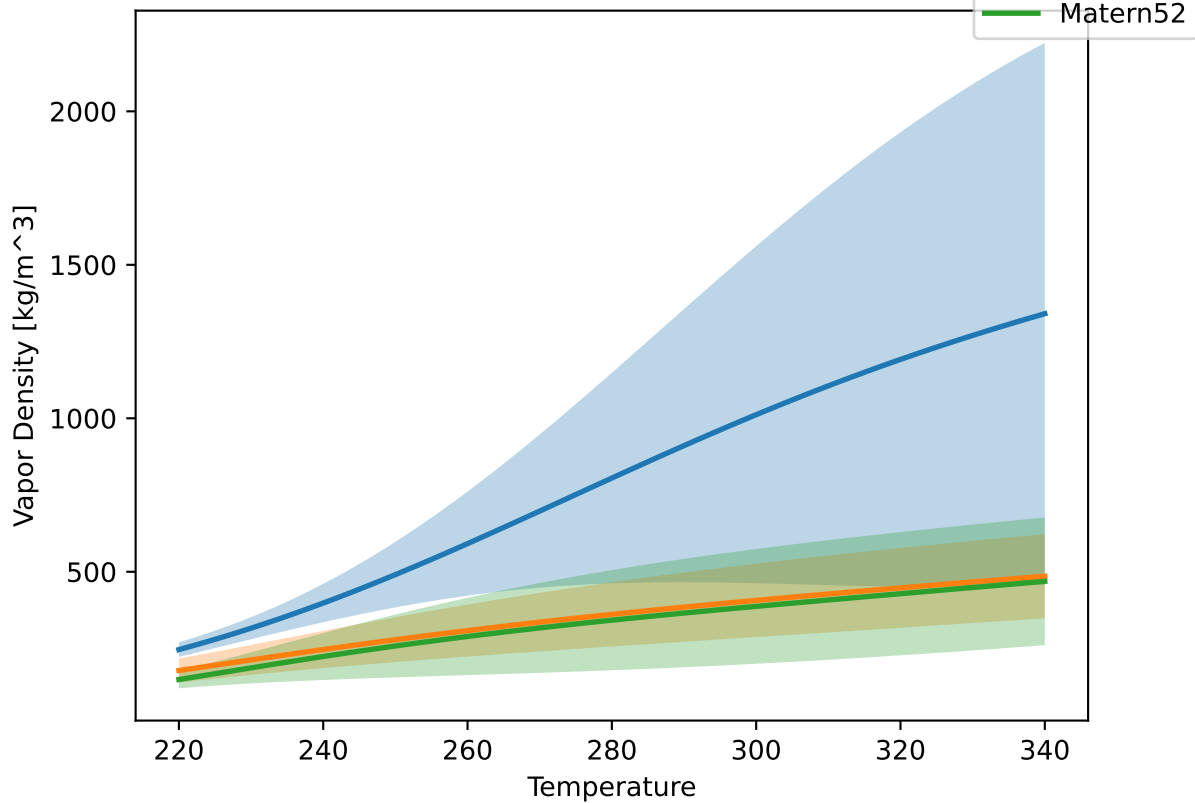




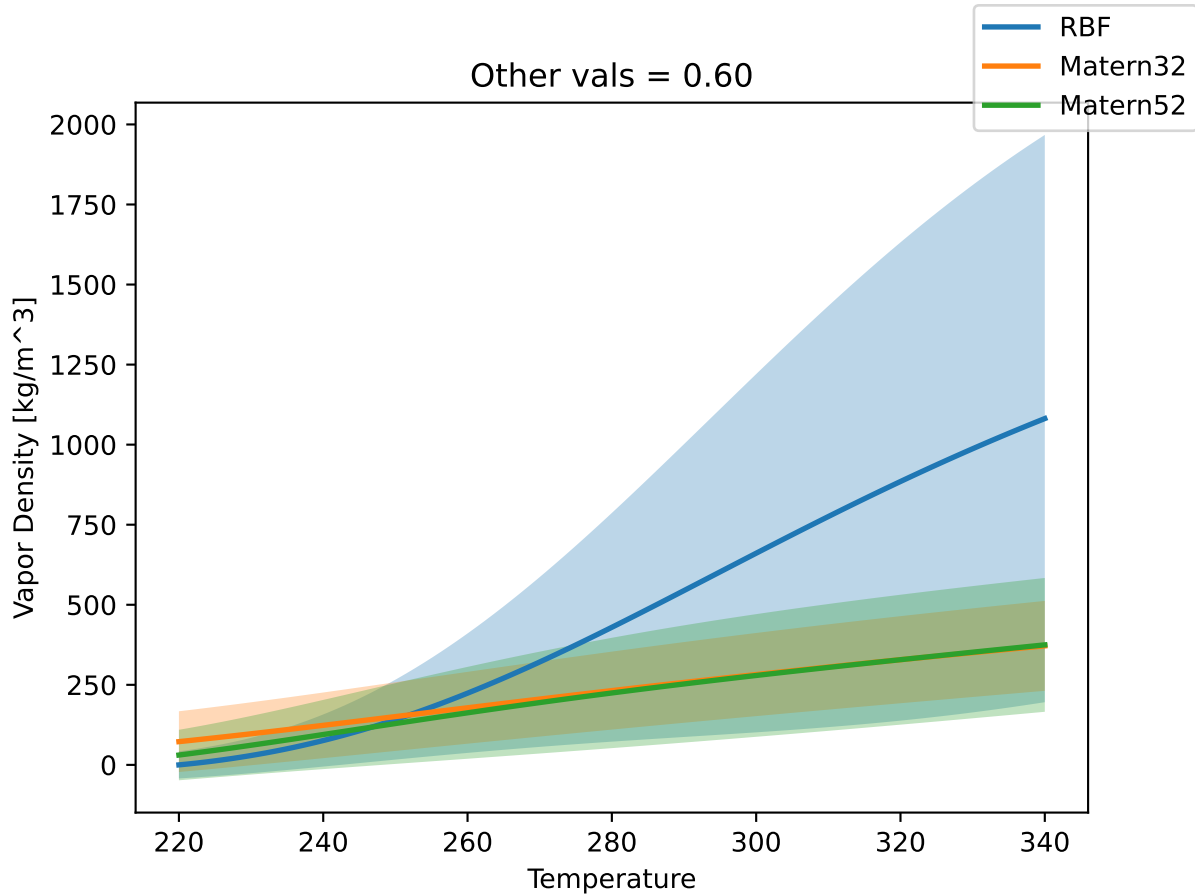
Other vals = 0.40



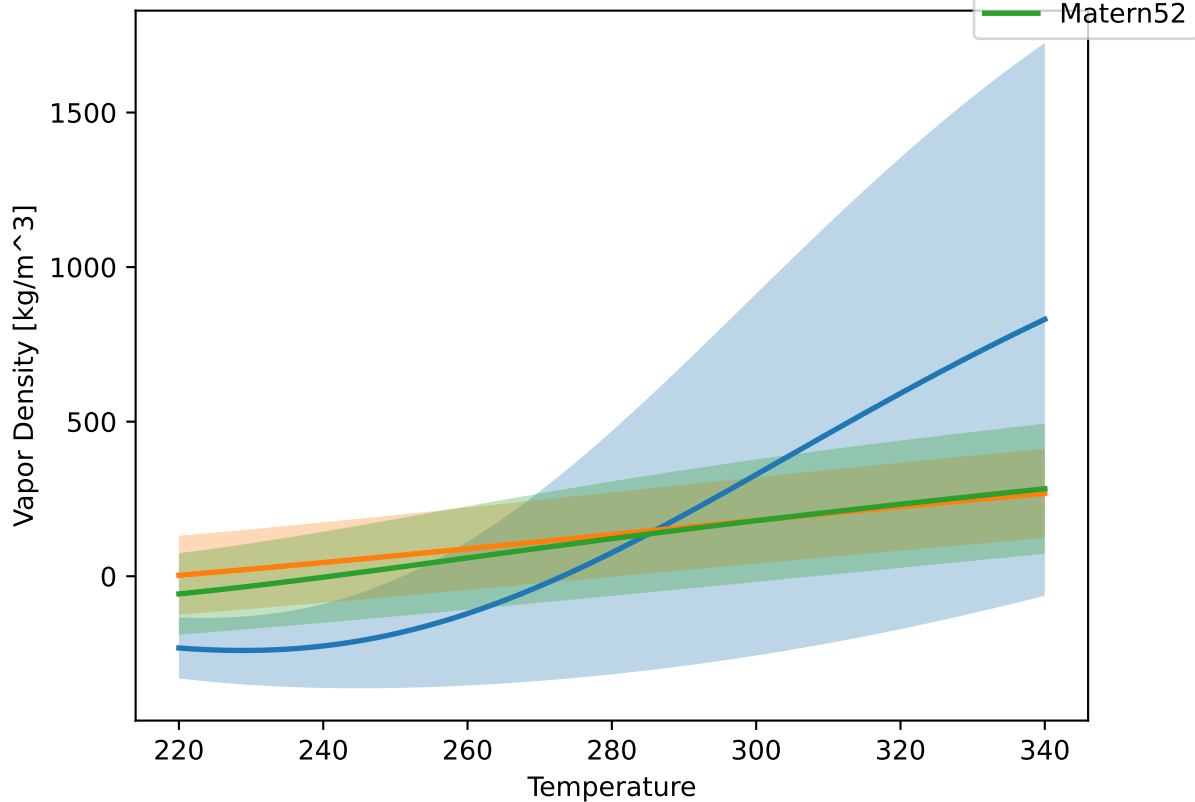
Other vals = 0.50



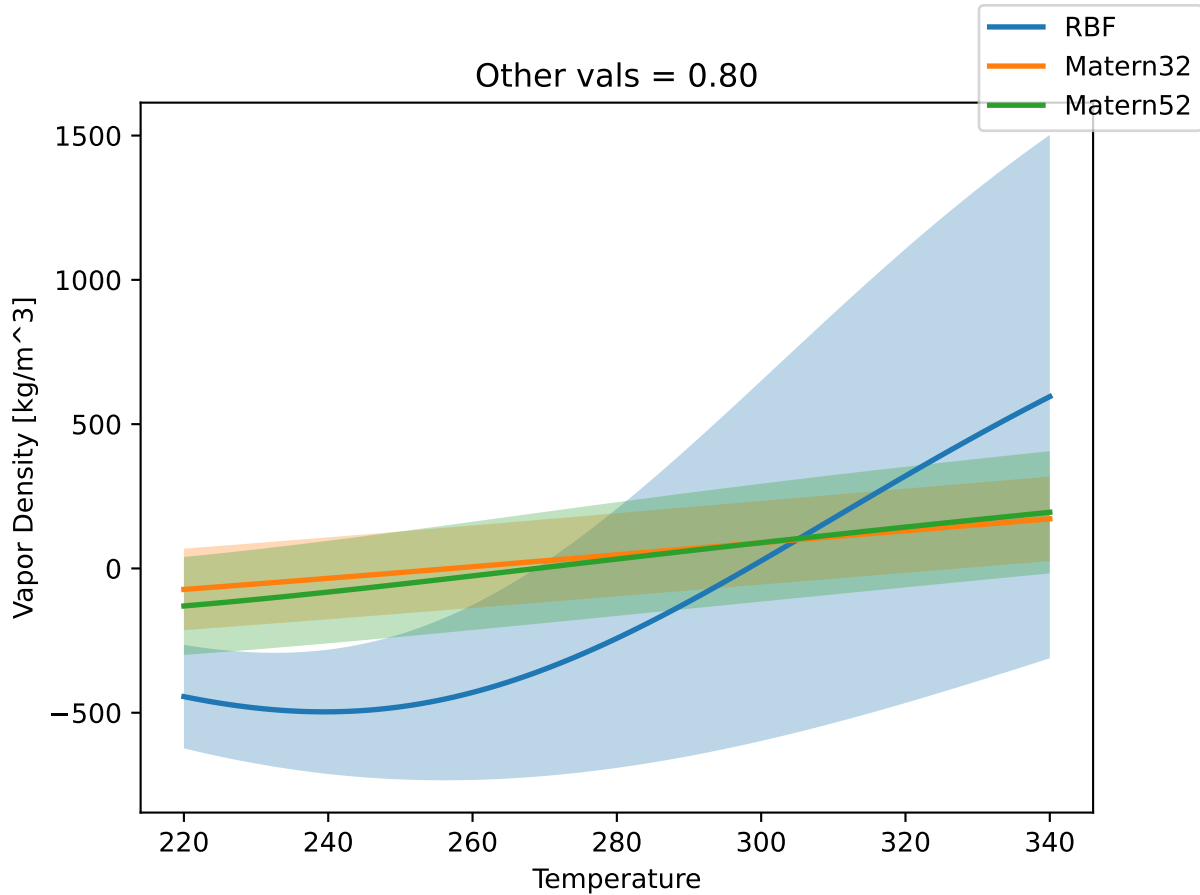
Other vals = 0.60



Other vals = 0.70

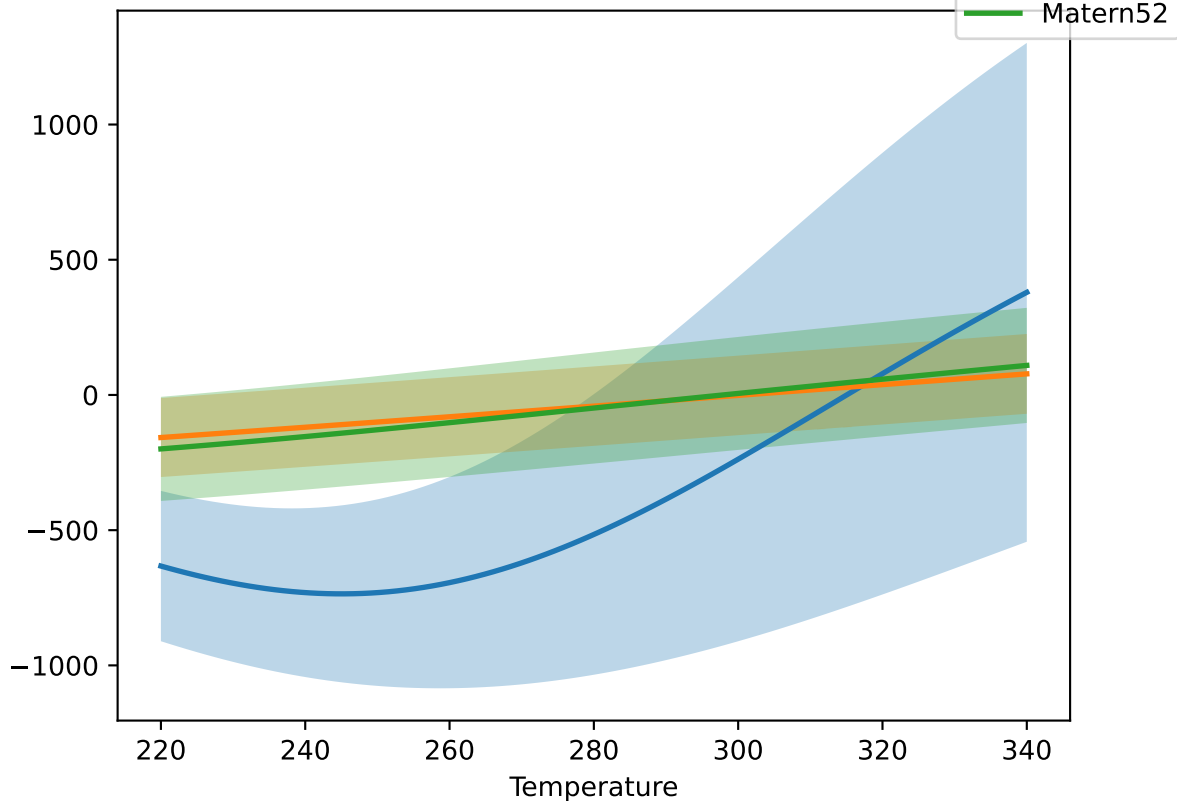


Other vals = 0.80



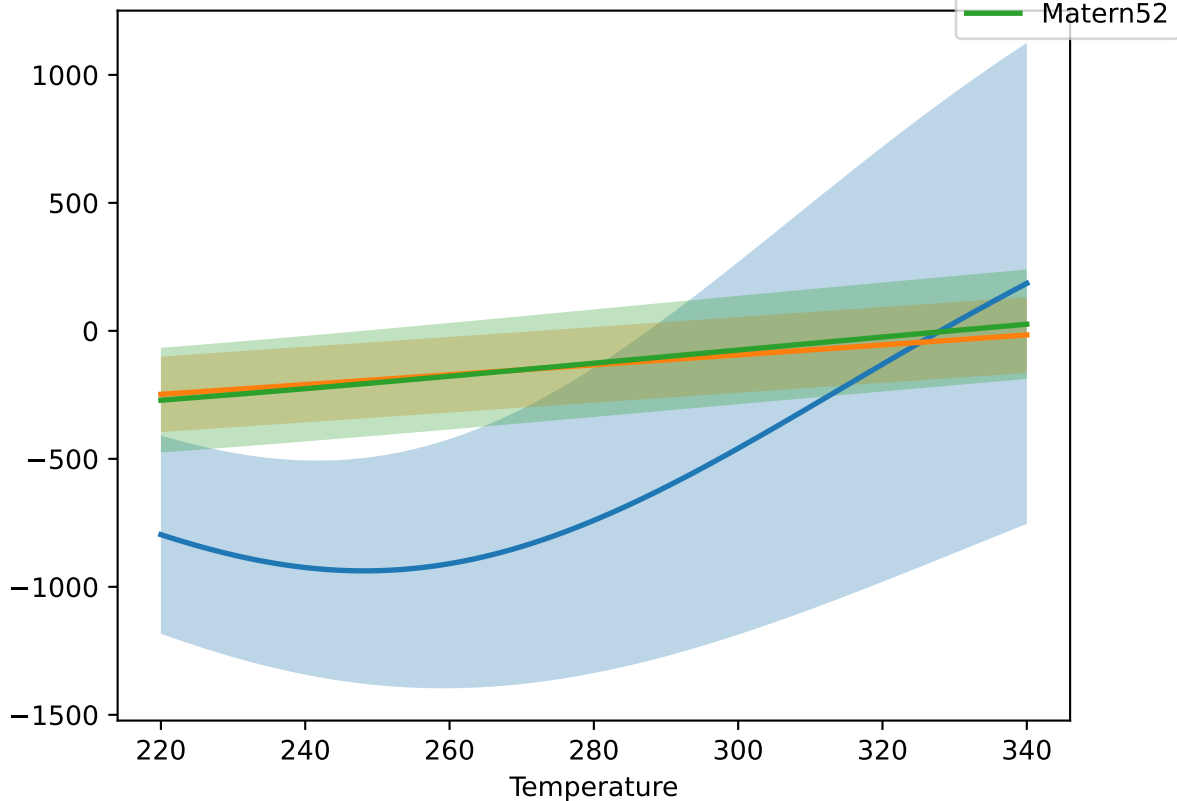
Other vals = 0.90

Vapor Density [kg/m<sup>3</sup>]

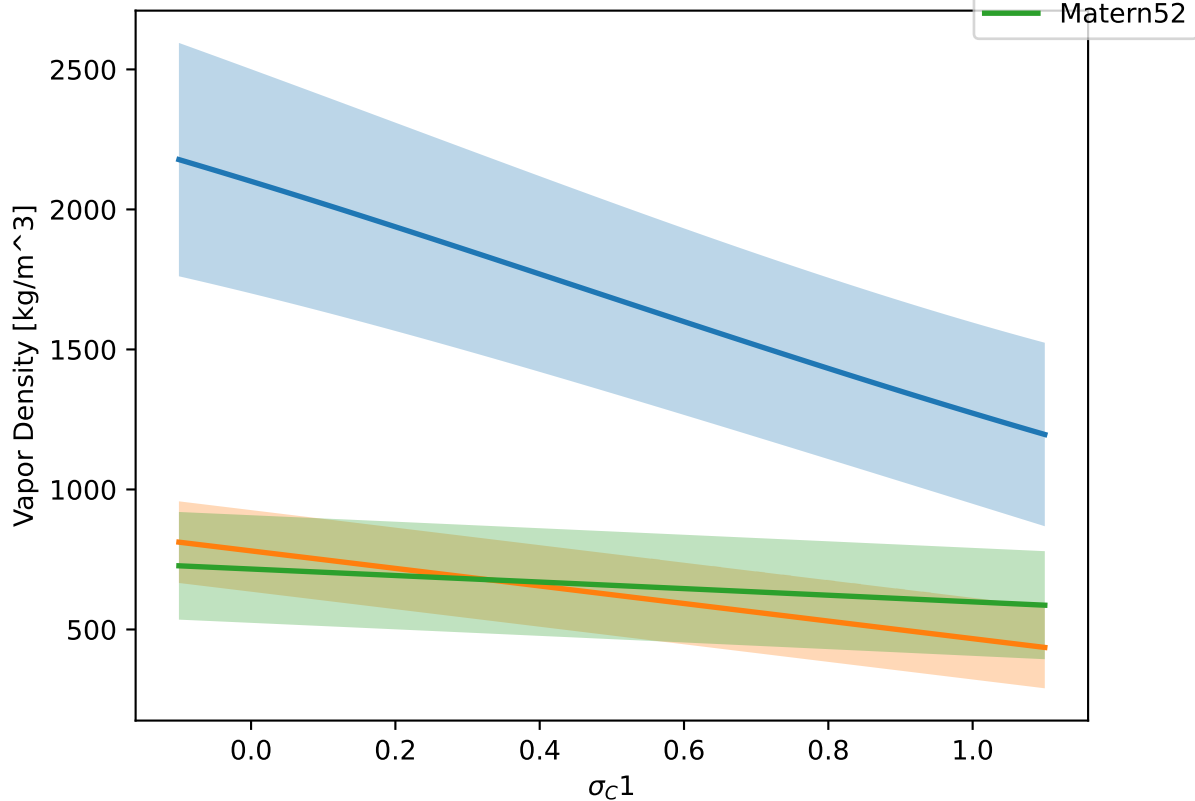


Other vals = 1.00

Vapor Density [kg/m<sup>3</sup>]

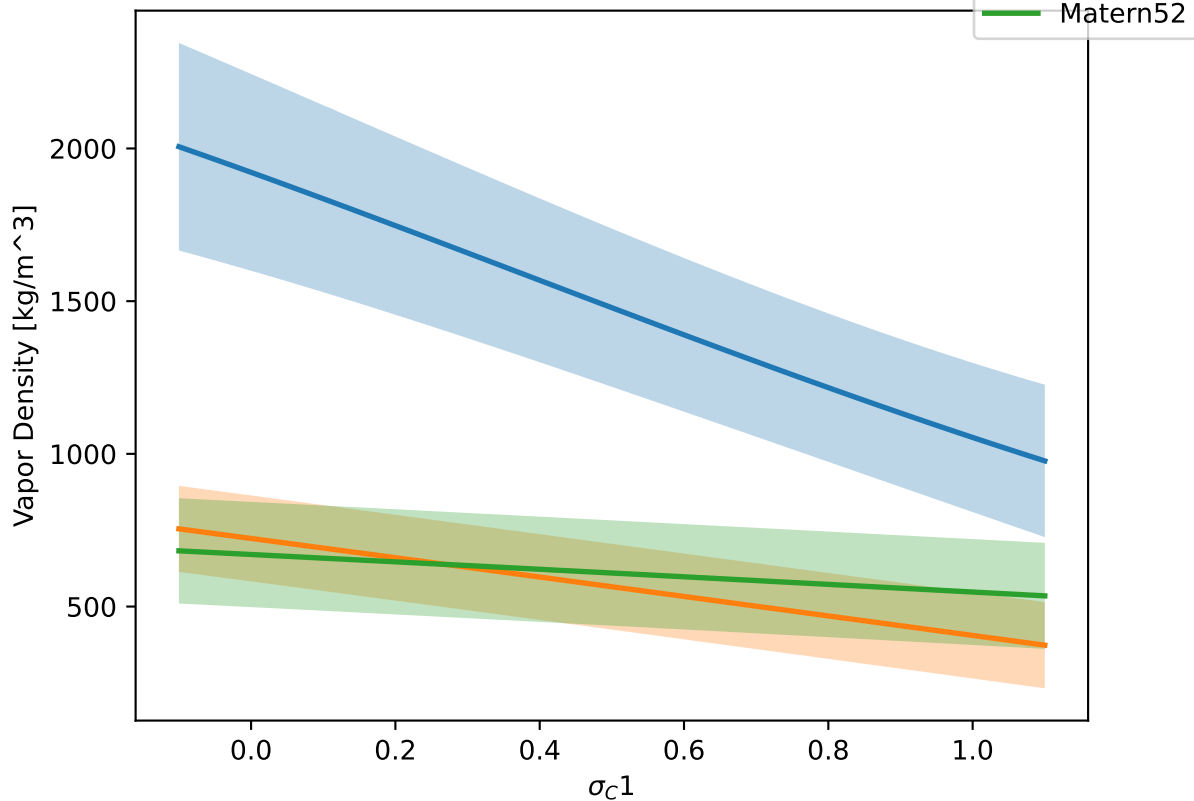


$\sigma_C1$  at T = 250 K. Other vals = 0.00.

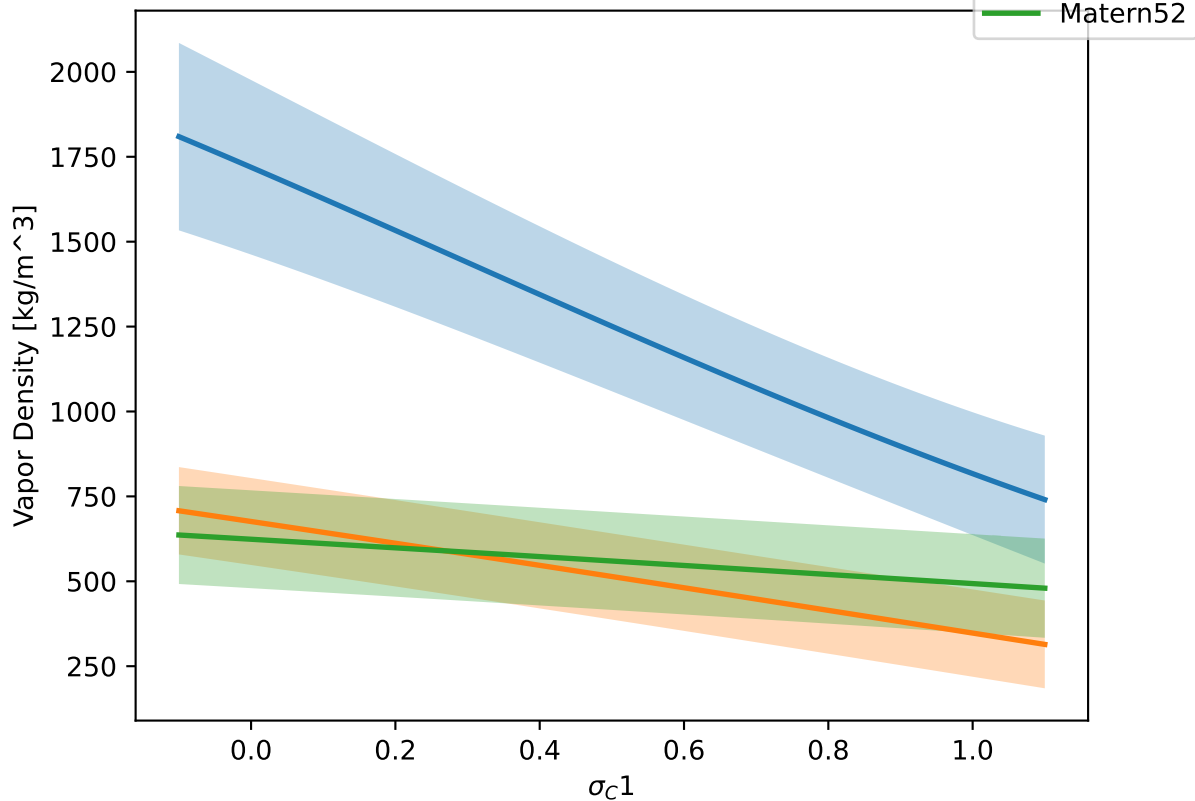




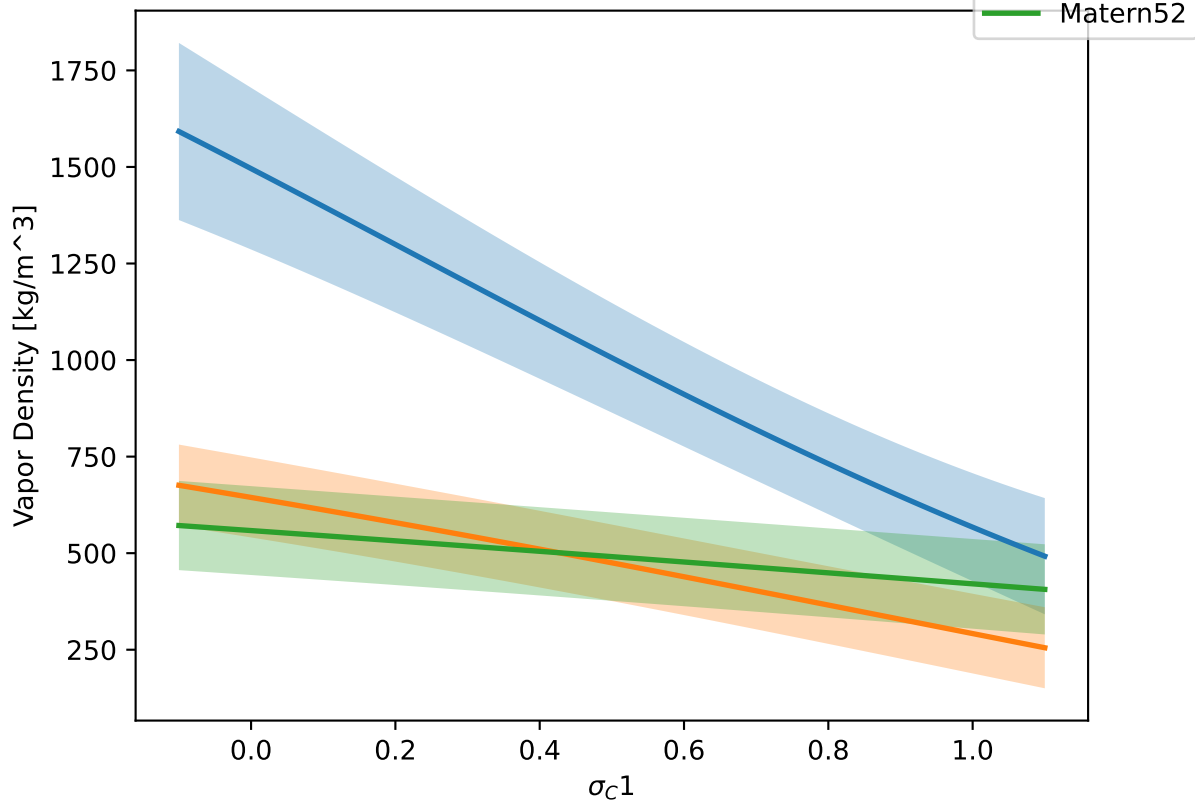
$\sigma_C1$  at T = 250 K. Other vals = 0.10.



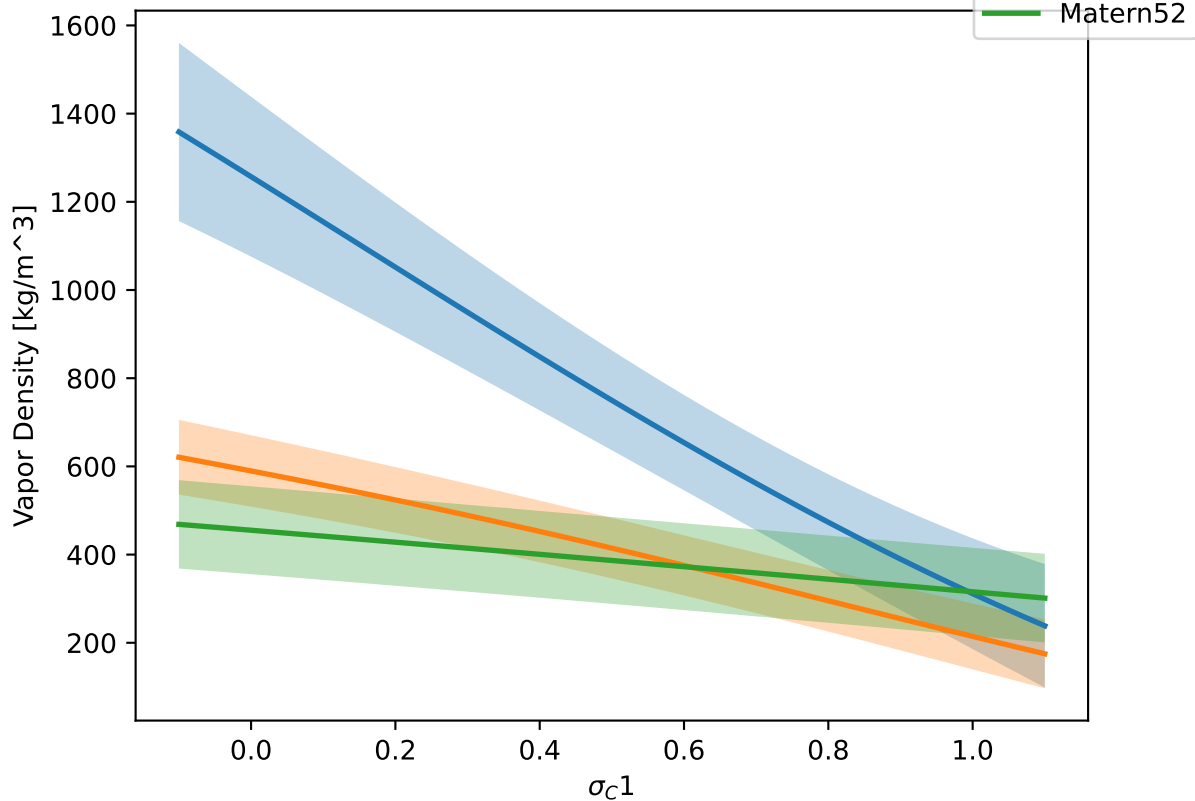
$\sigma_C1$  at T = 250 K. Other vals = 0.20.



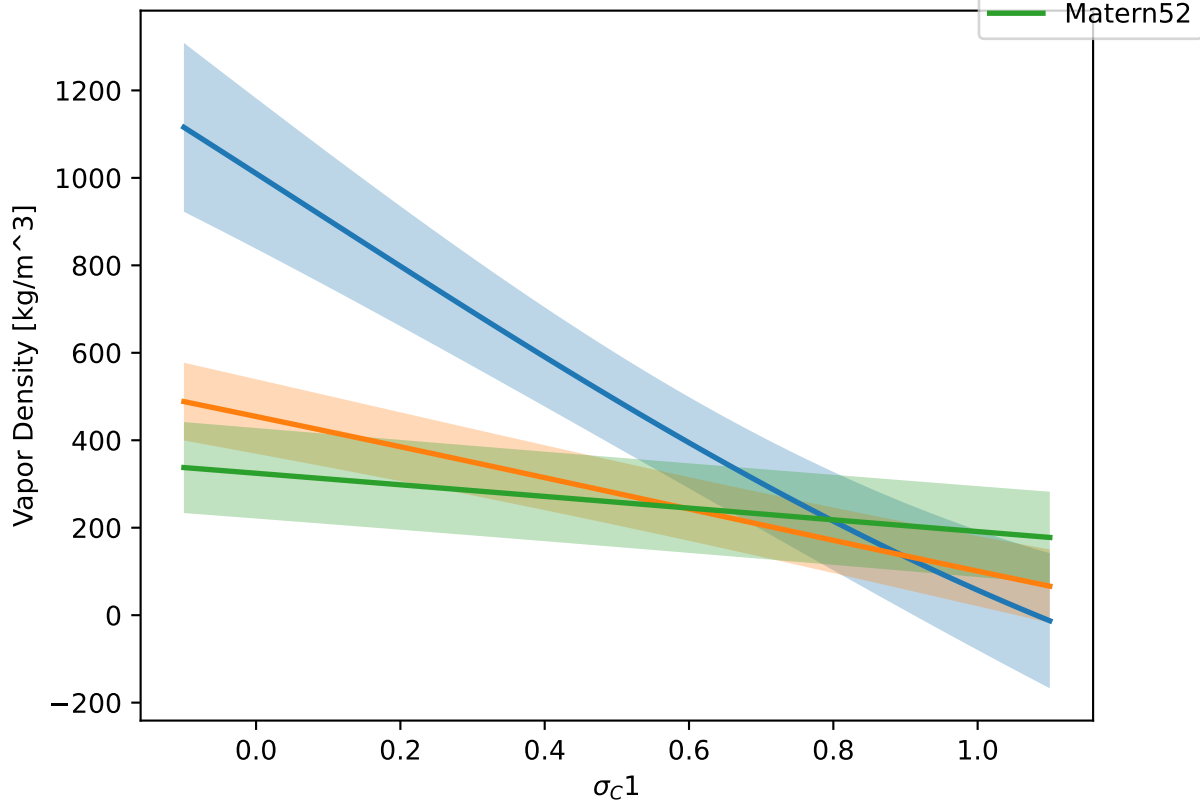
$\sigma_C1$  at T = 250 K. Other vals = 0.30.



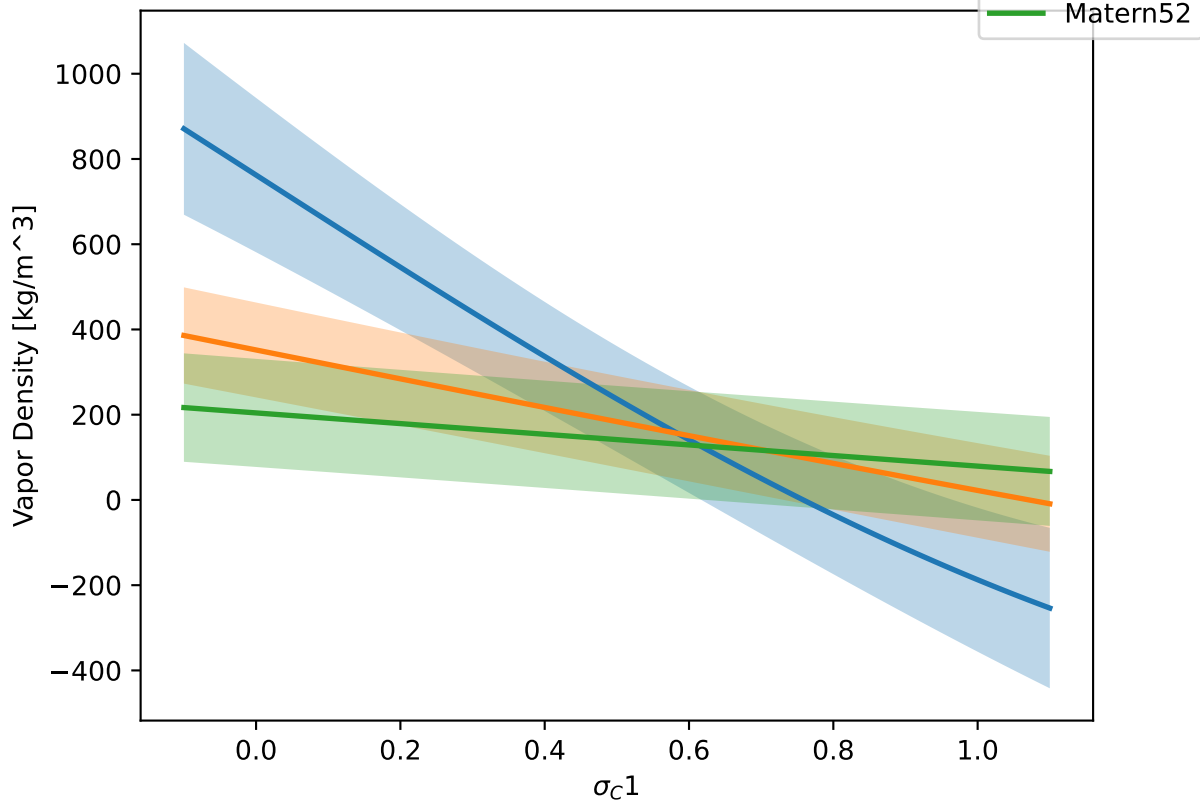
$\sigma_C1$  at T = 250 K. Other vals = 0.40.



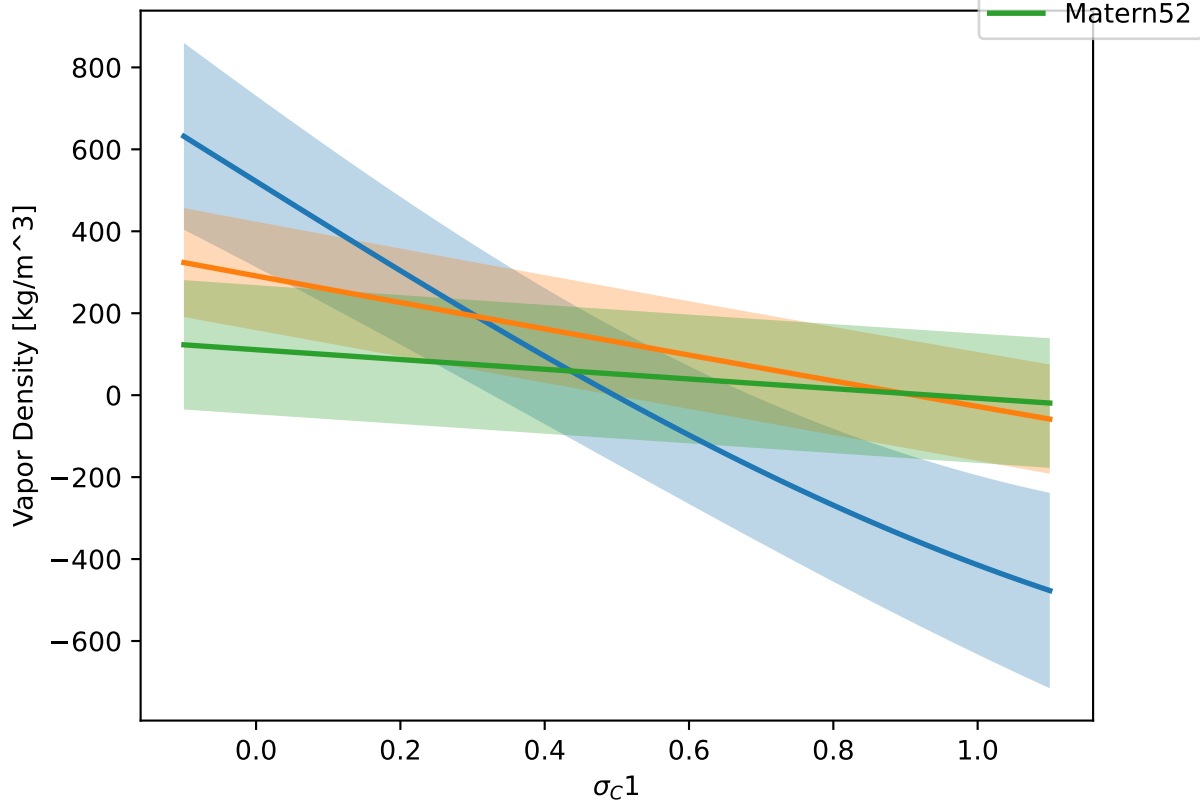
$\sigma_{C1}$  at T = 250 K. Other vals = 0.50.

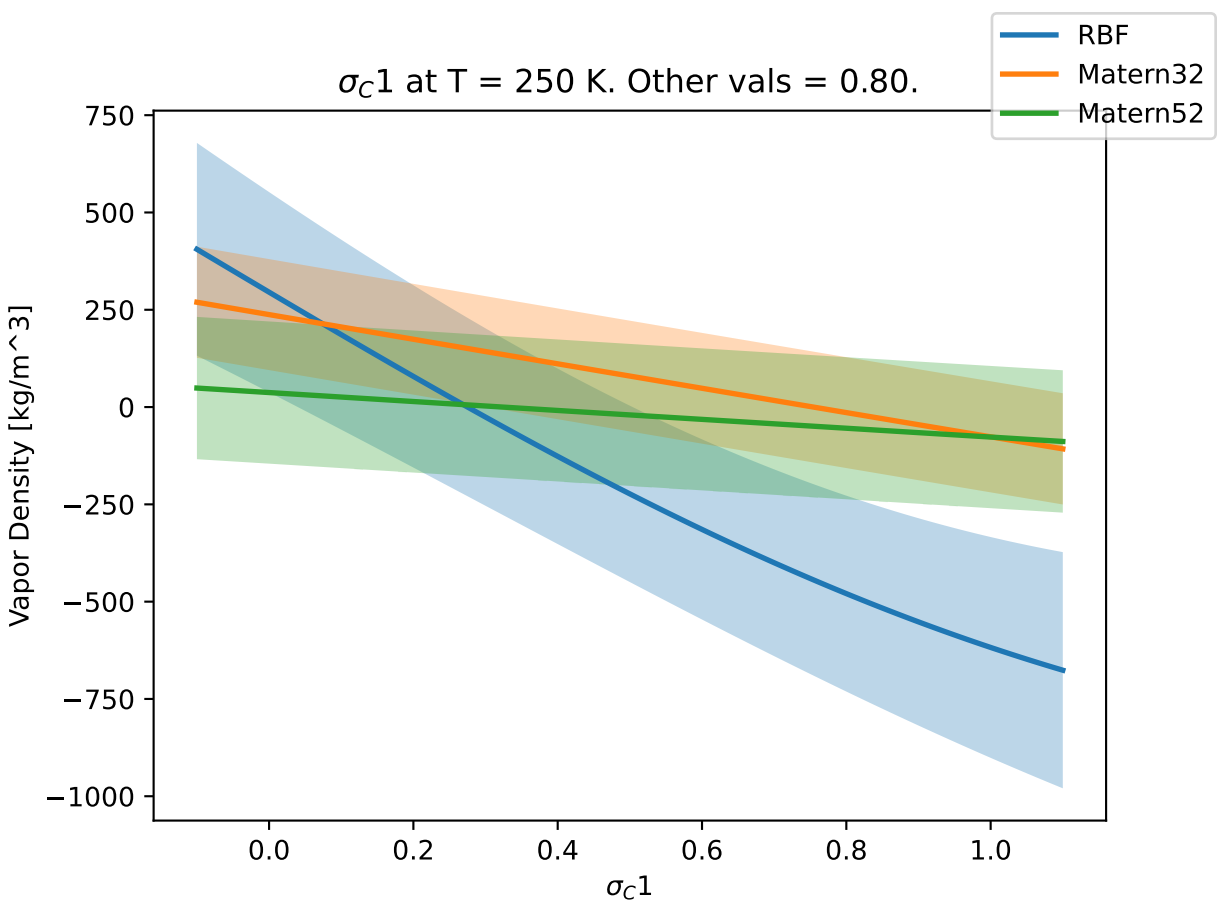


$\sigma_C1$  at T = 250 K. Other vals = 0.60.

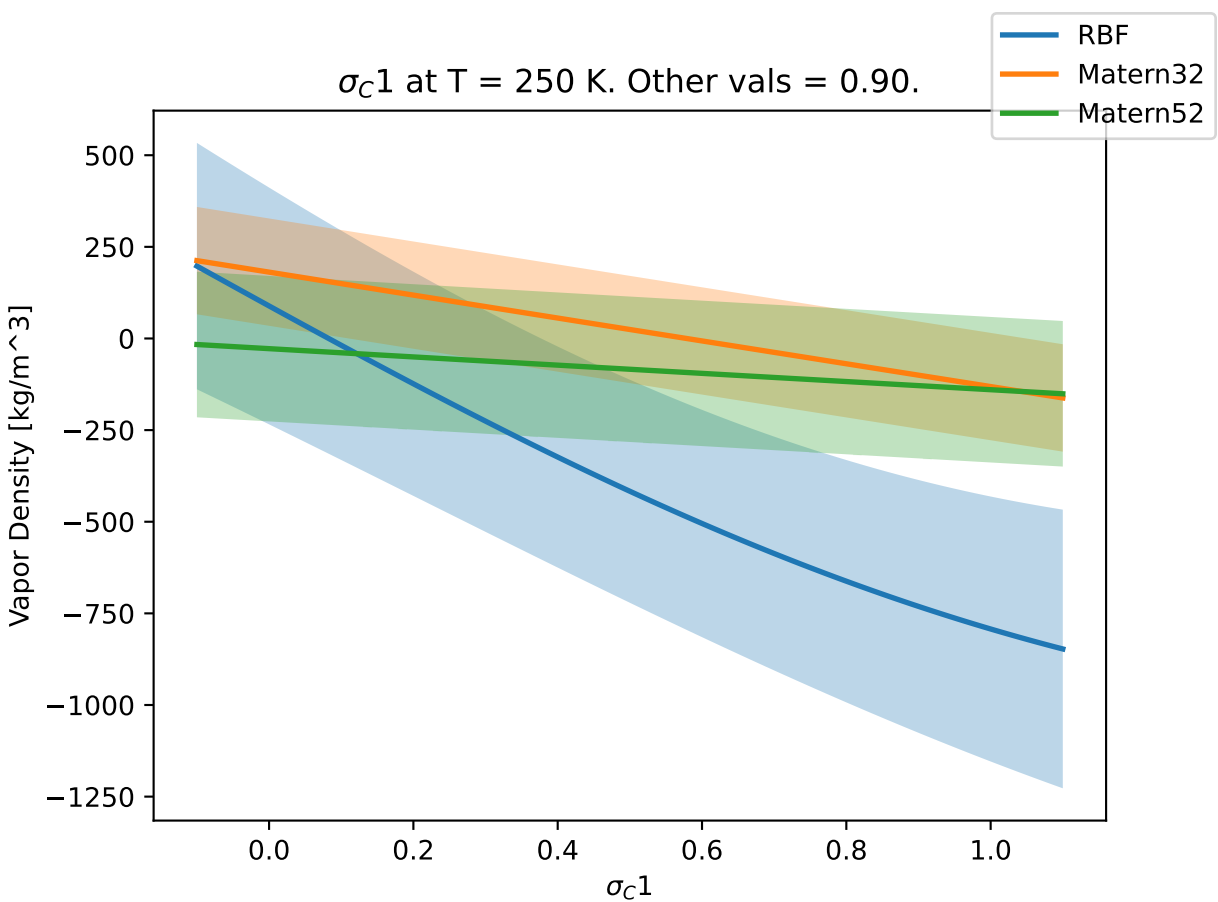


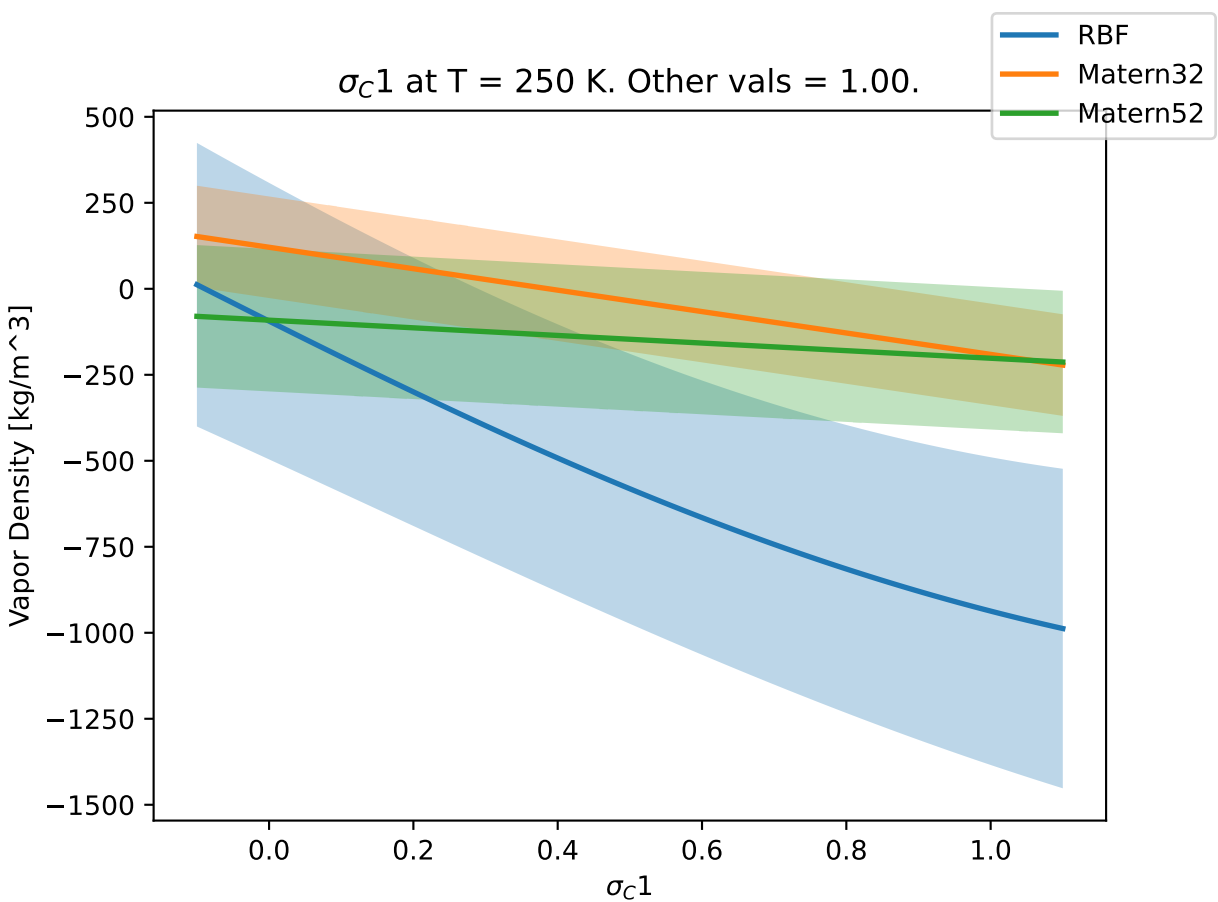
$\sigma_{C1}$  at T = 250 K. Other vals = 0.70.



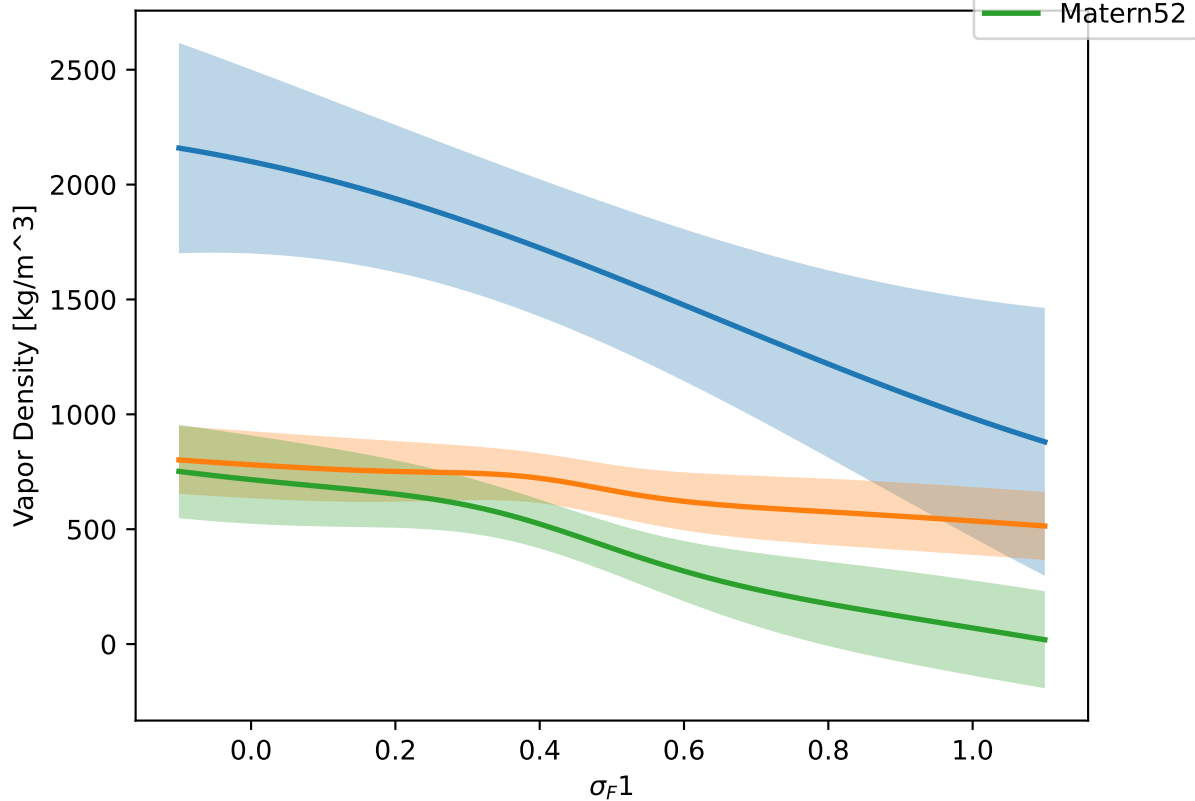




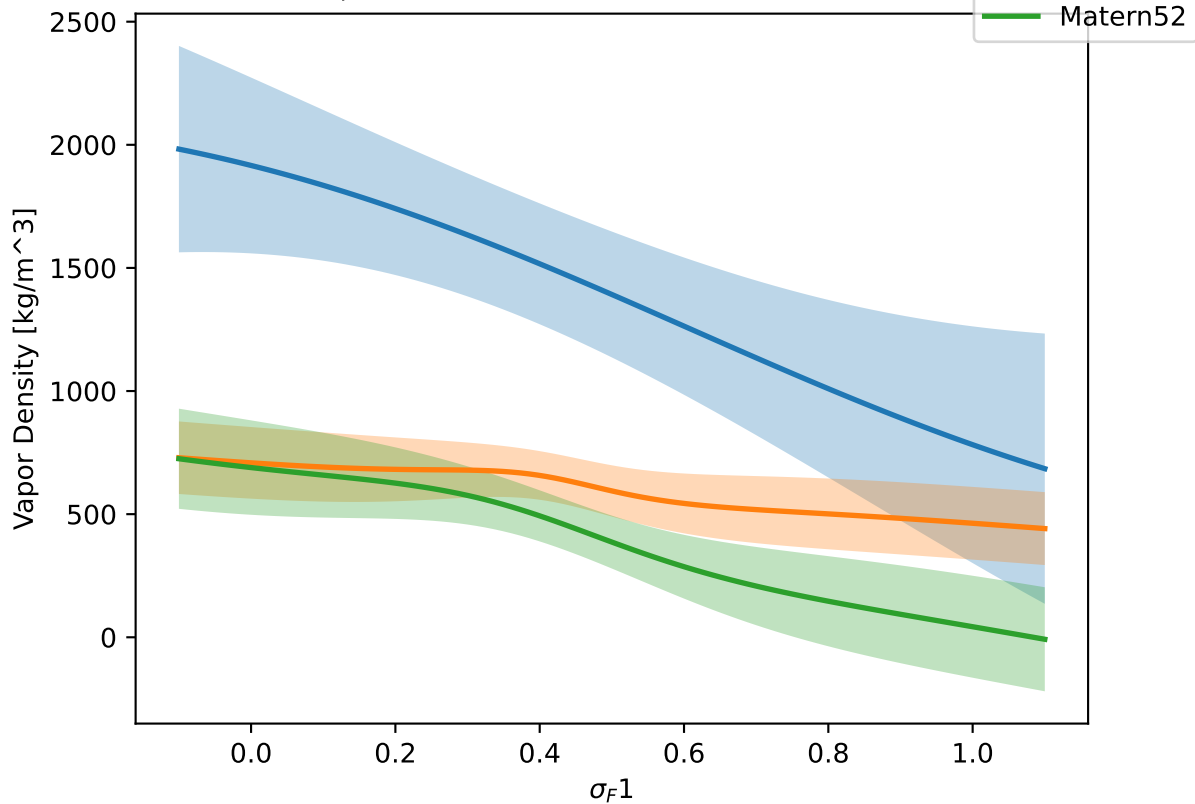




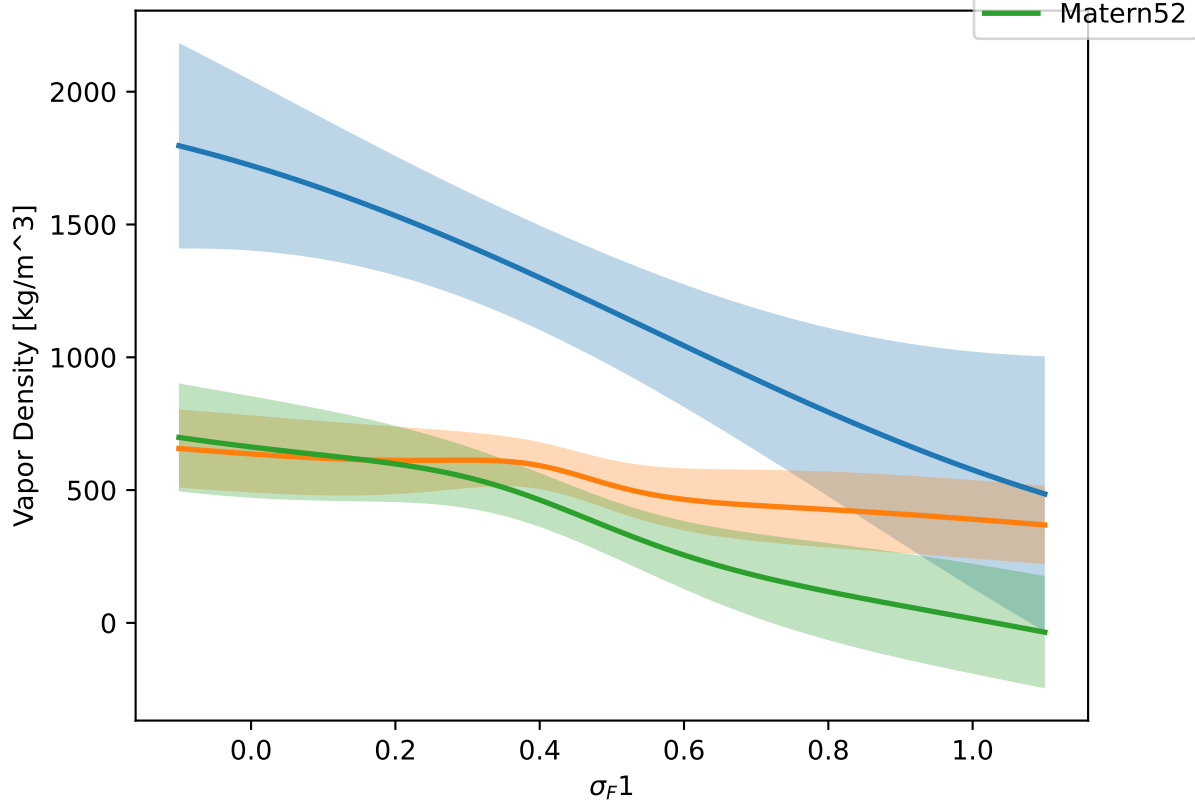
$\sigma_F1$  at T = 250 K. Other vals = 0.00.



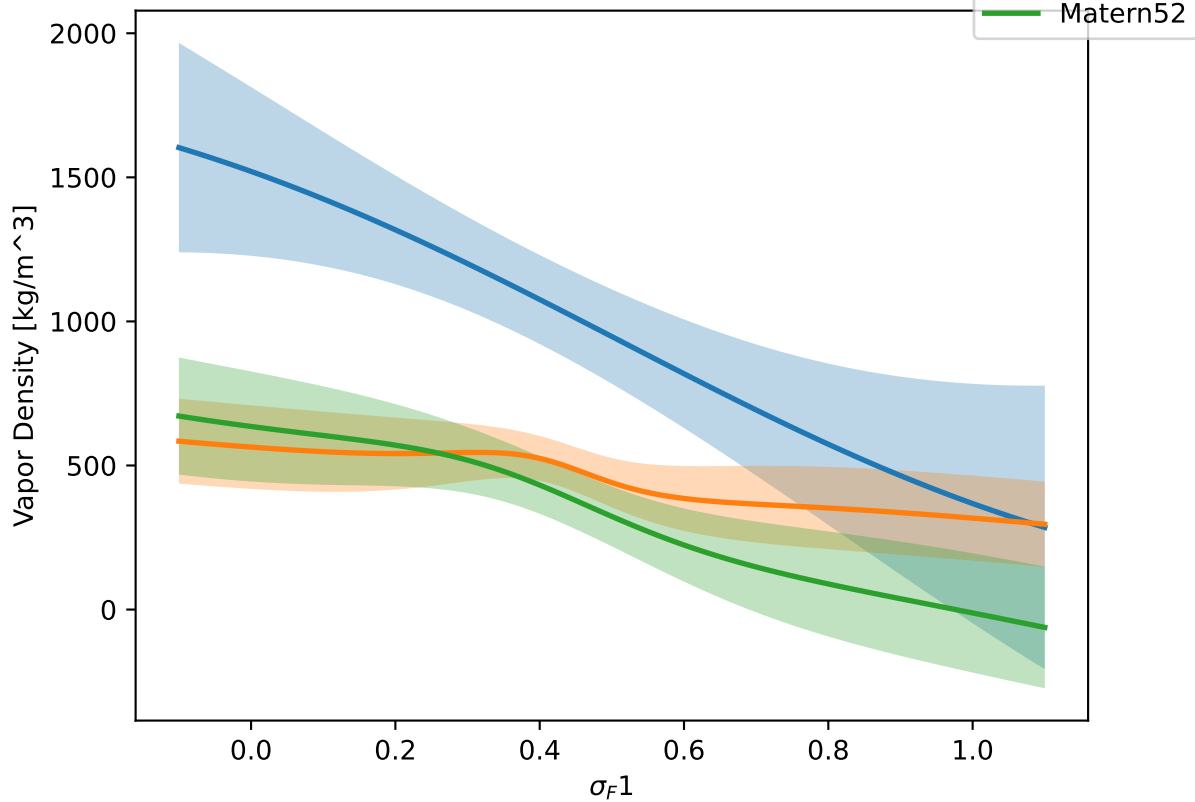
$\sigma_F1$  at T = 250 K. Other vals = 0.10.



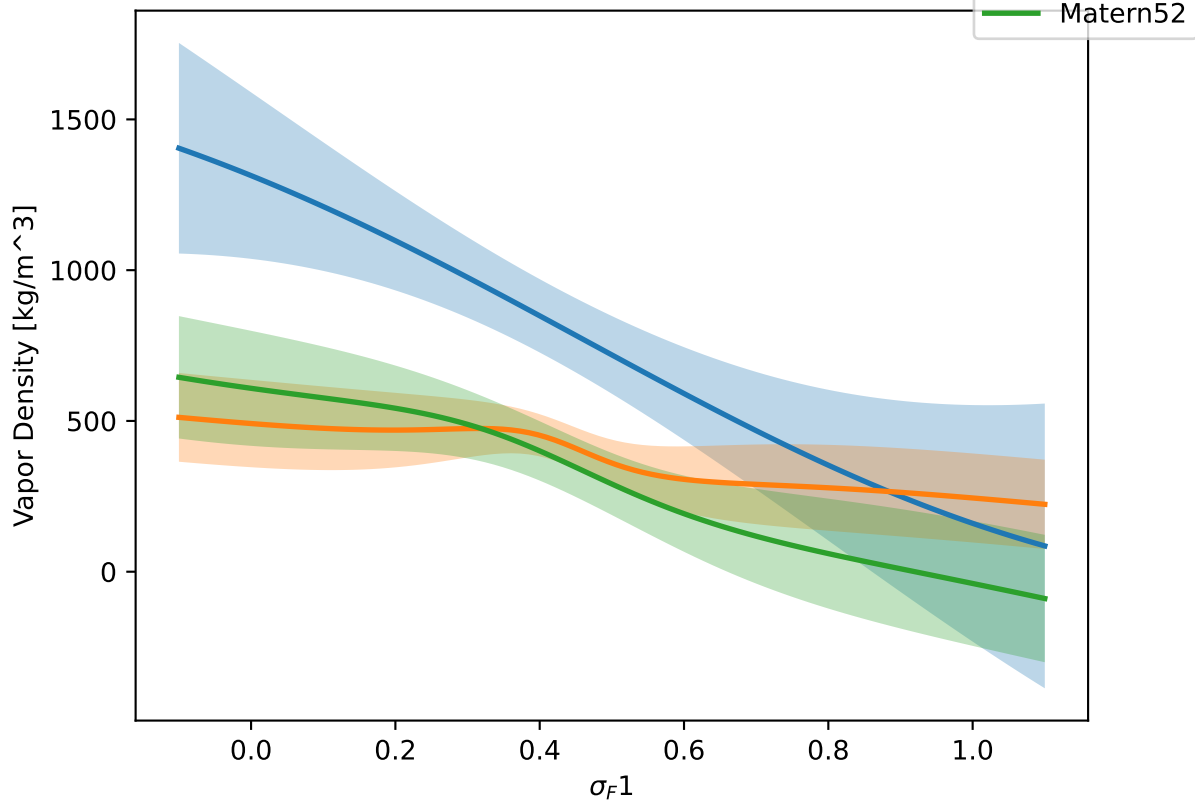
$\sigma_F1$  at T = 250 K. Other vals = 0.20.



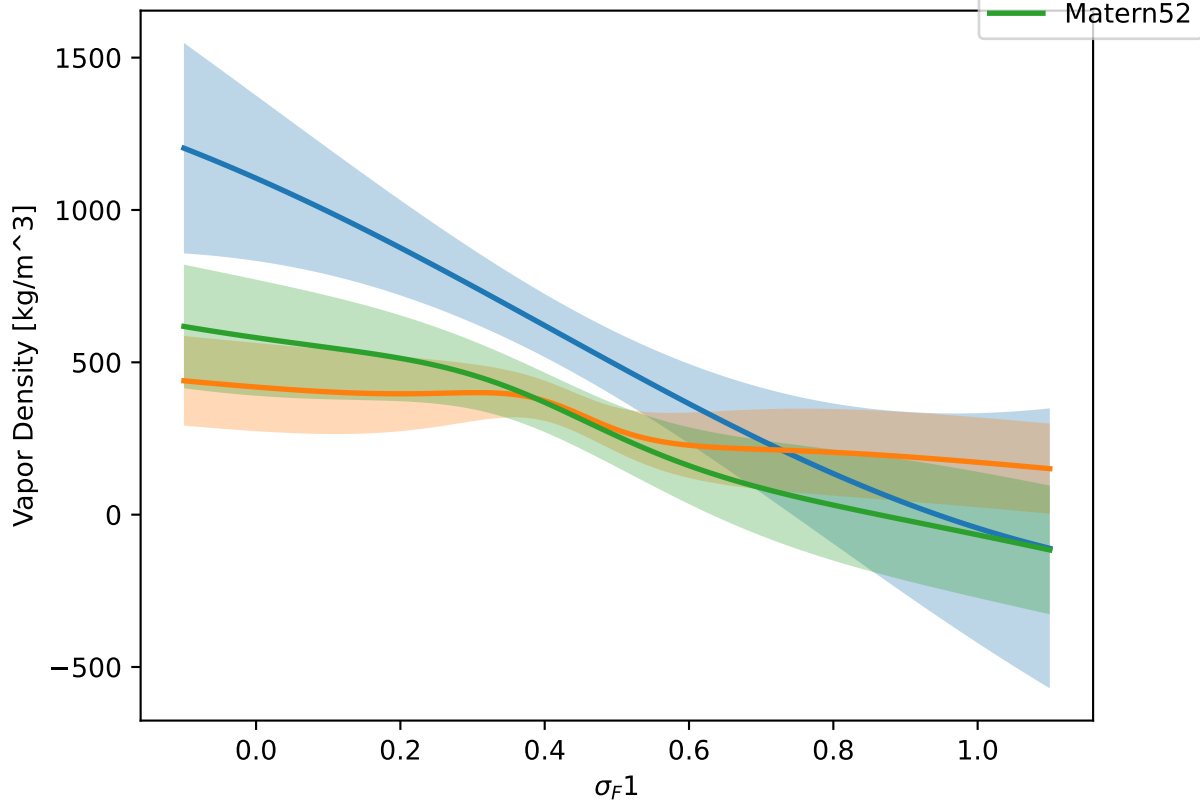
$\sigma_F1$  at T = 250 K. Other vals = 0.30.



$\sigma_F1$  at T = 250 K. Other vals = 0.40.

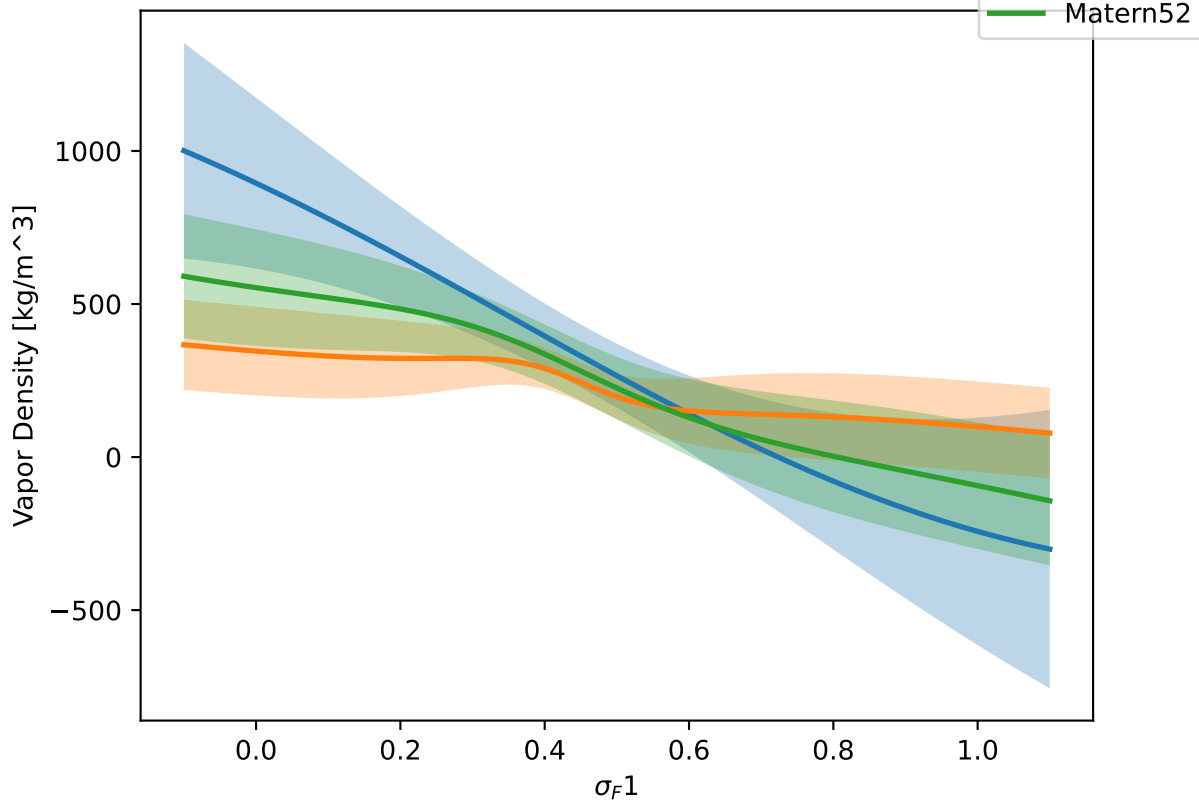


$\sigma_F1$  at T = 250 K. Other vals = 0.50.



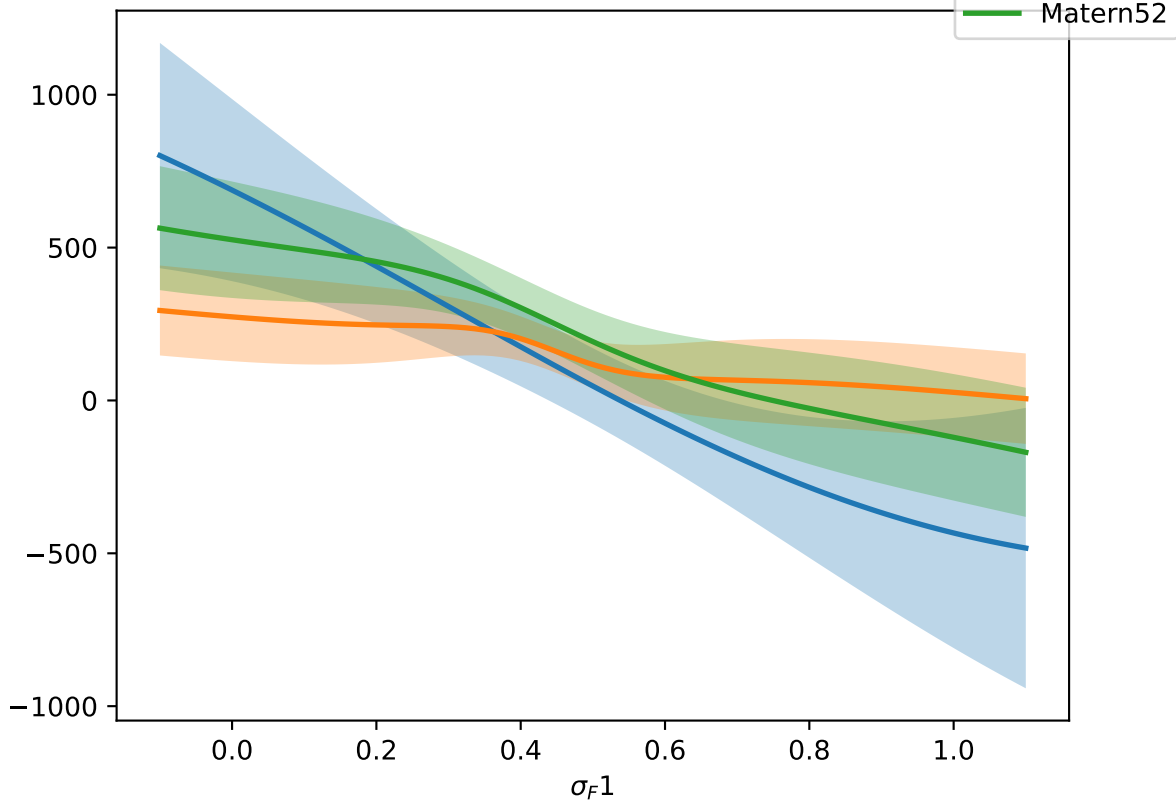


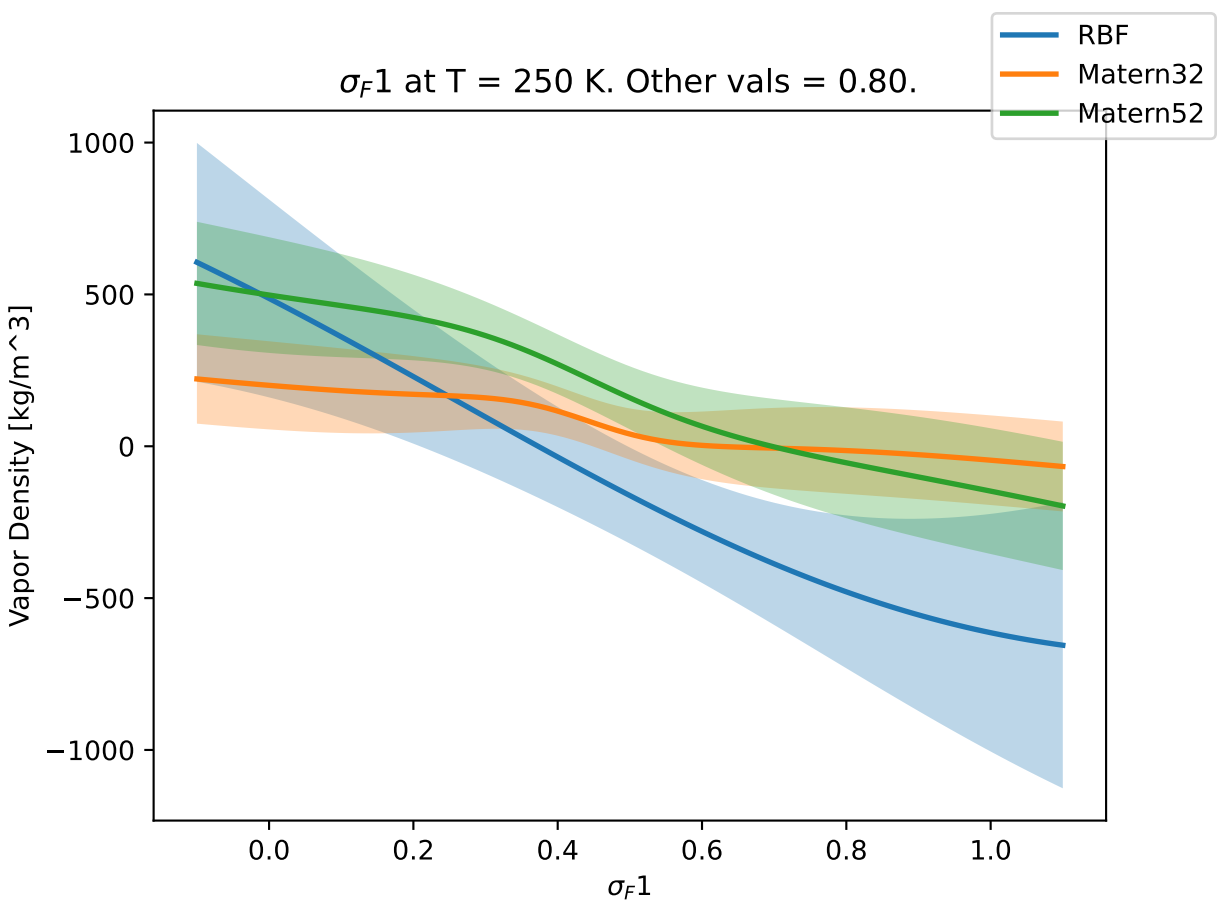
$\sigma_F1$  at T = 250 K. Other vals = 0.60.

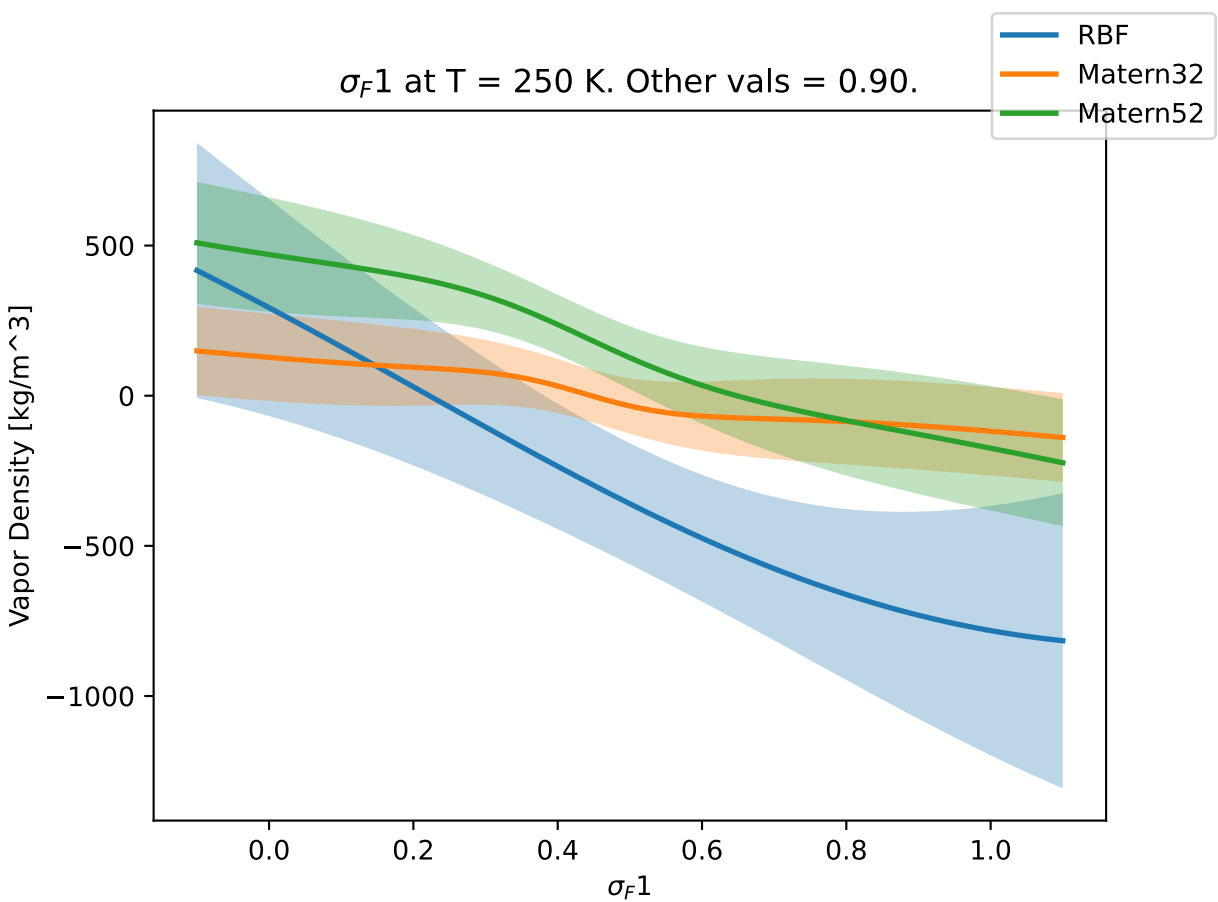


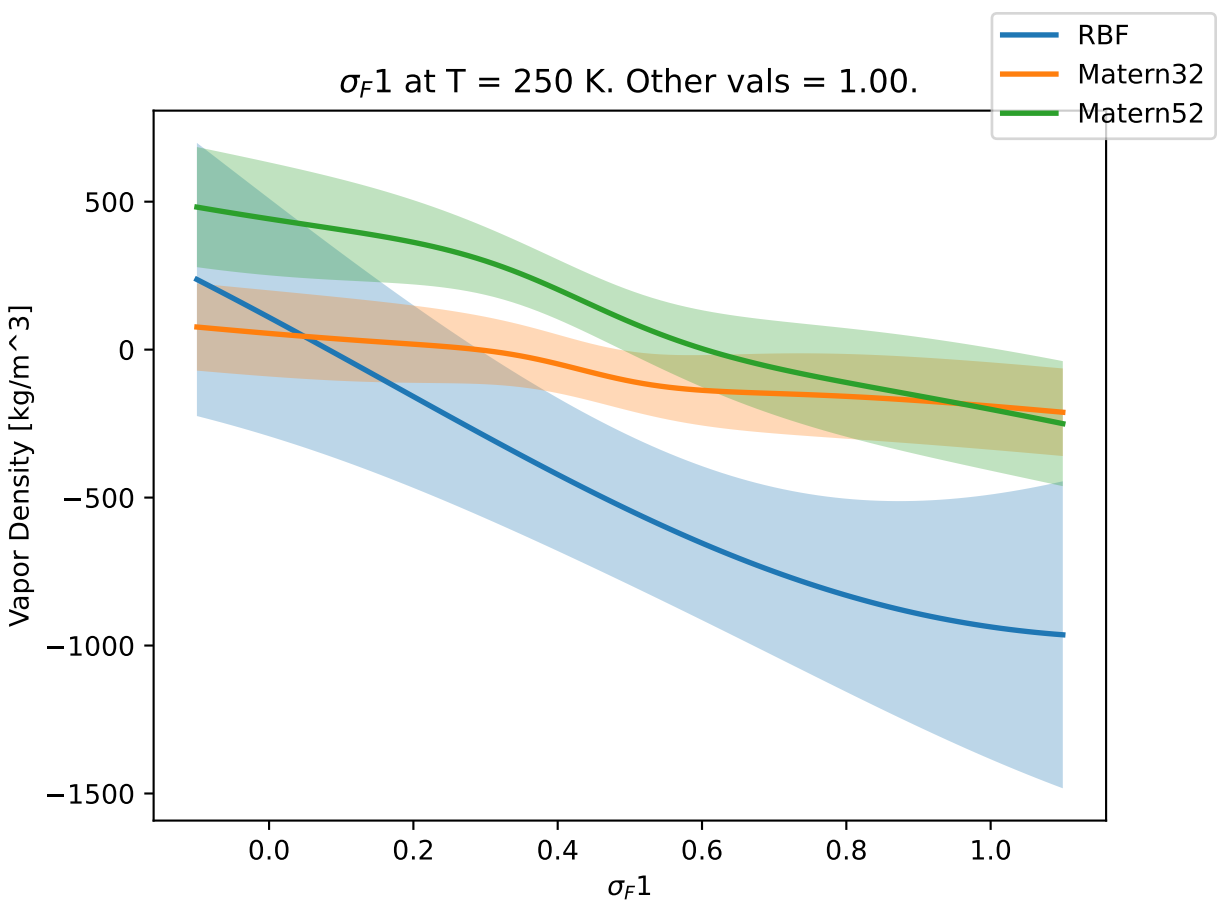
$\sigma_F1$  at T = 250 K. Other vals = 0.70.

Vapor Density [kg/m<sup>3</sup>]

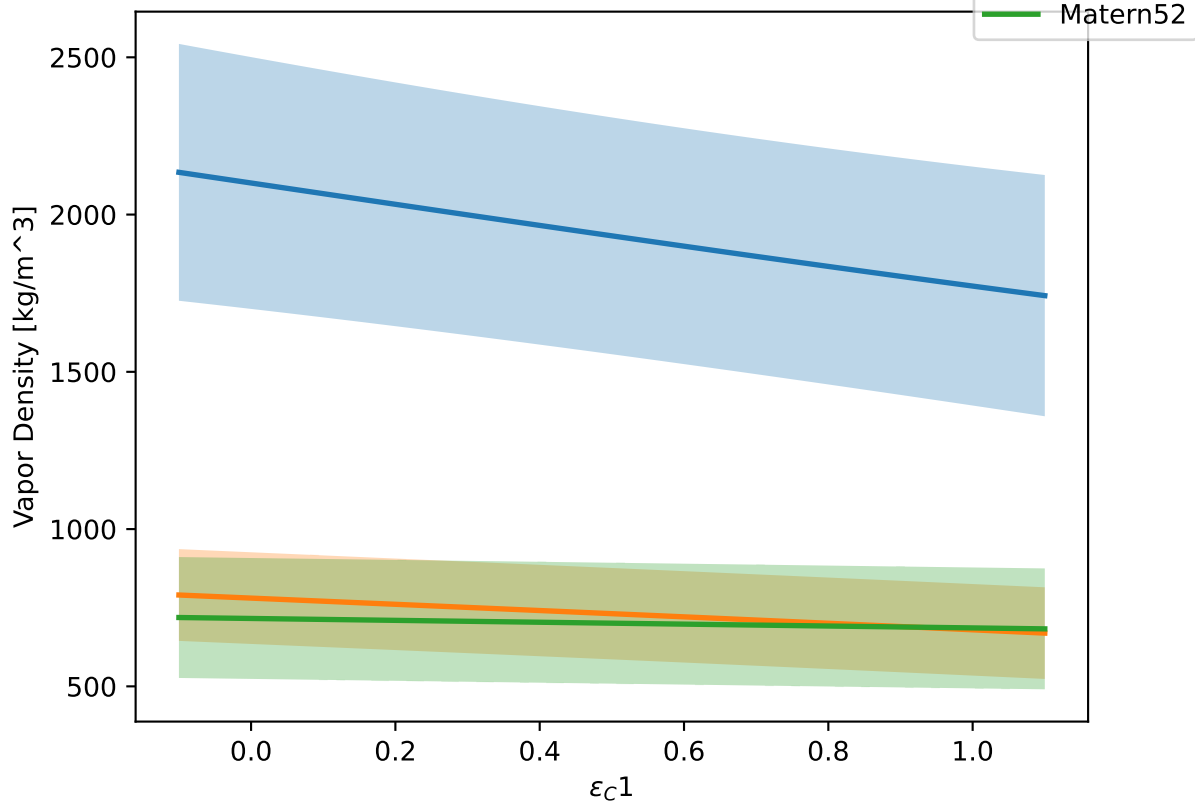




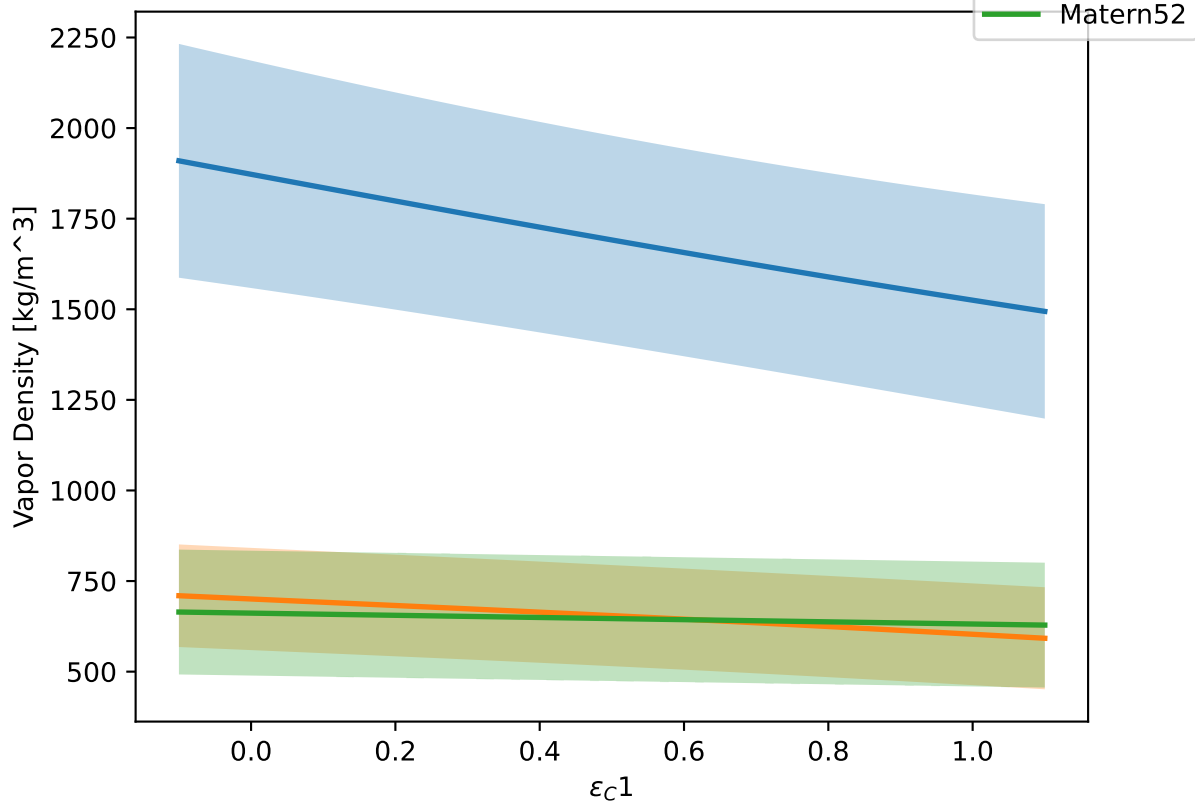




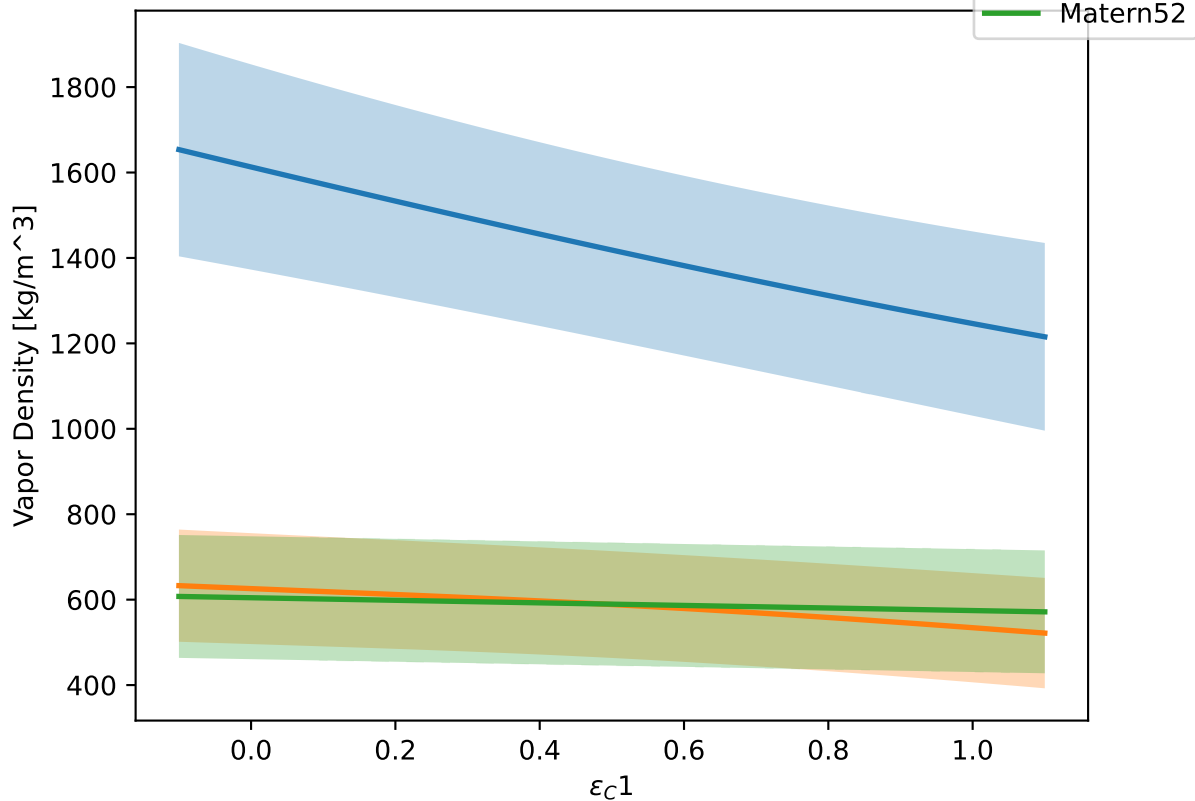
$\varepsilon_C 1$  at  $T = 250$  K. Other vals = 0.00.



$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.10.

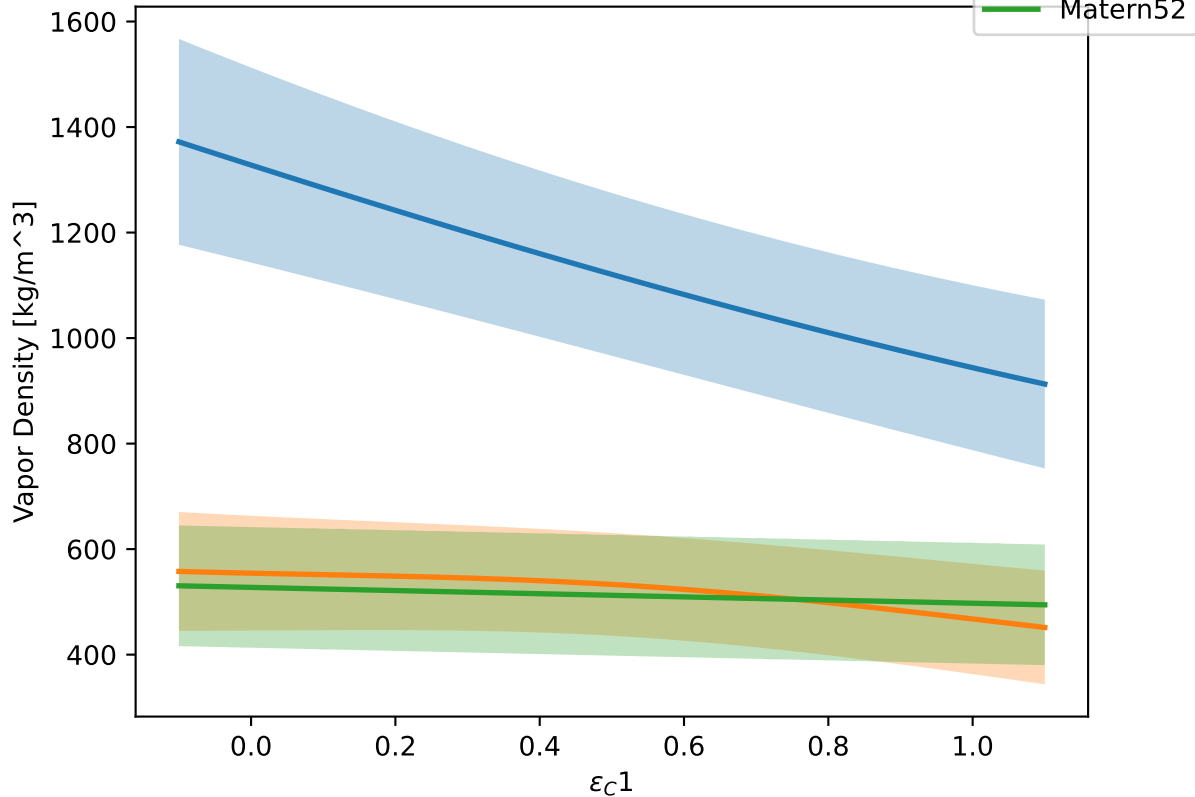


$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.20.

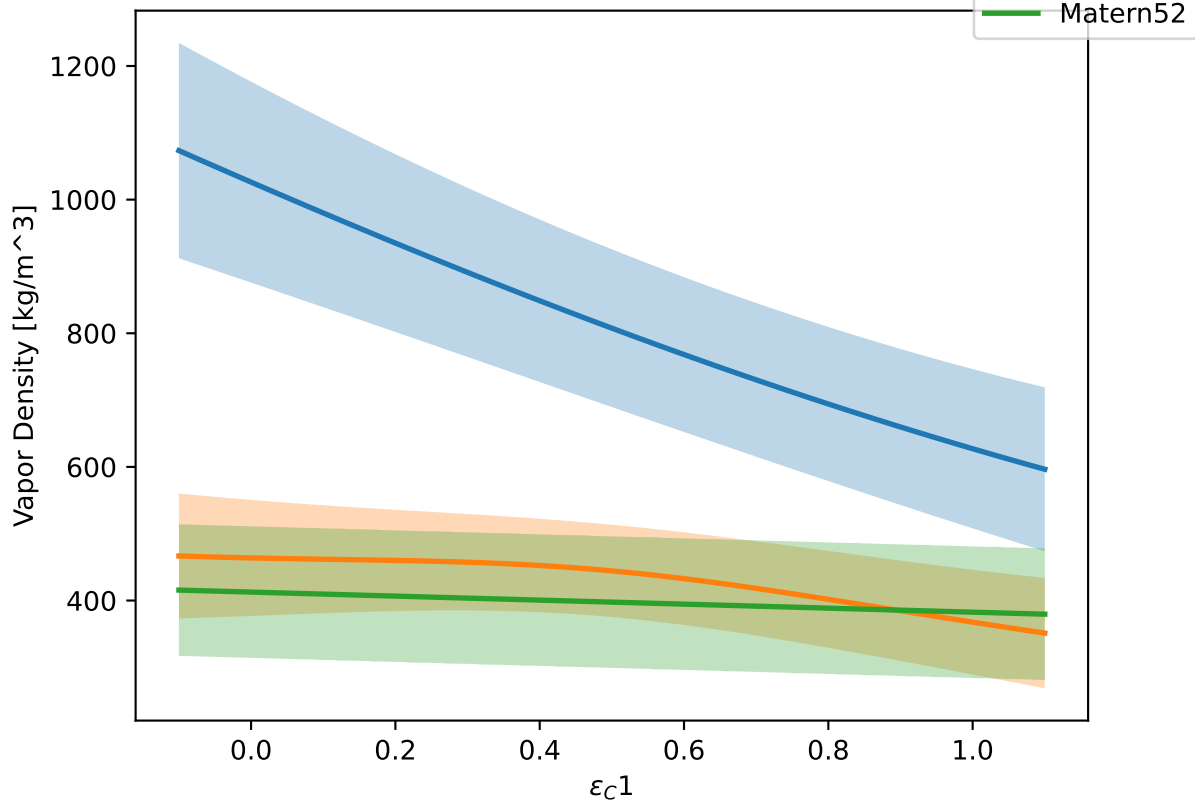




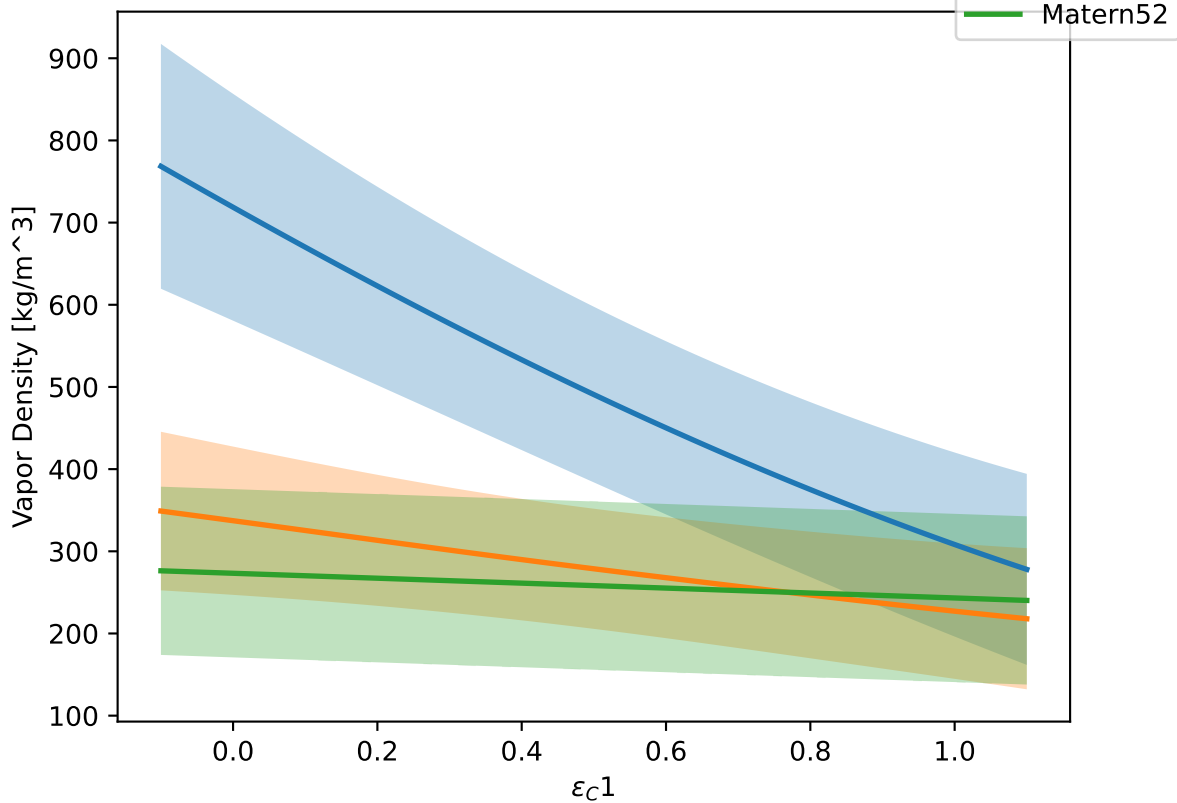
$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.30.



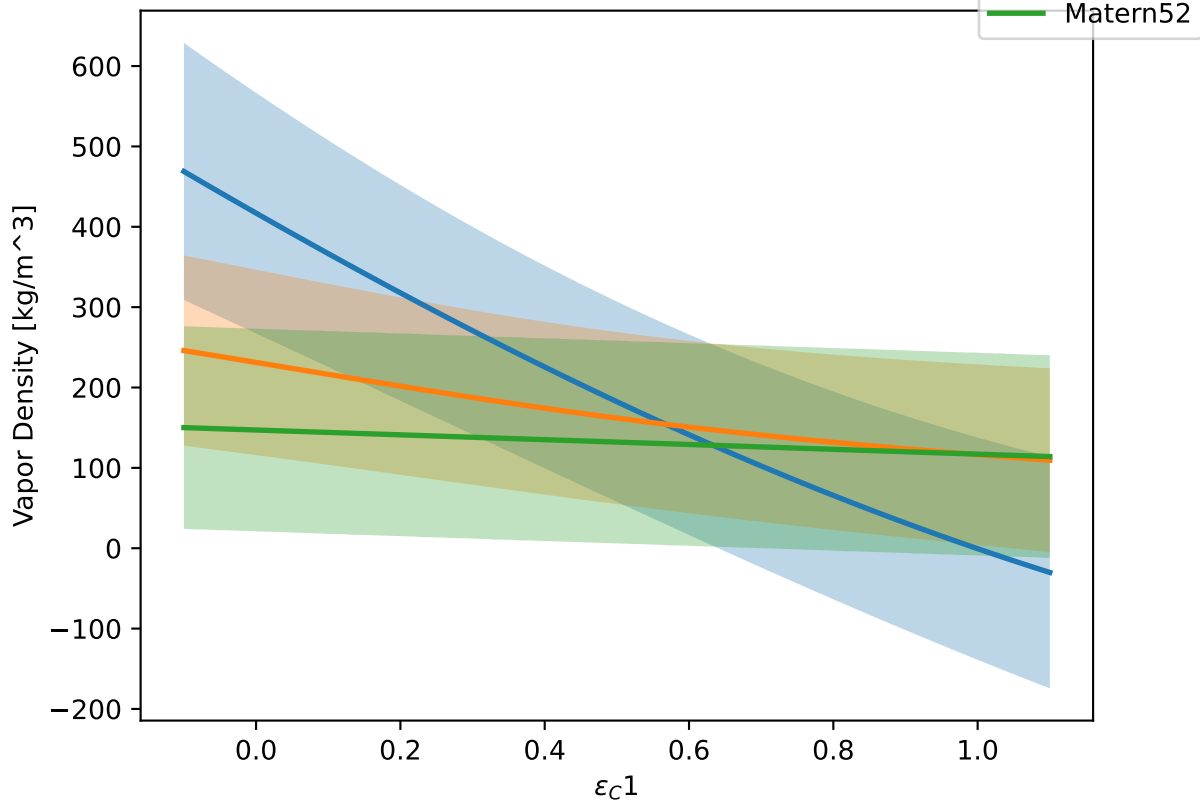
$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.40.

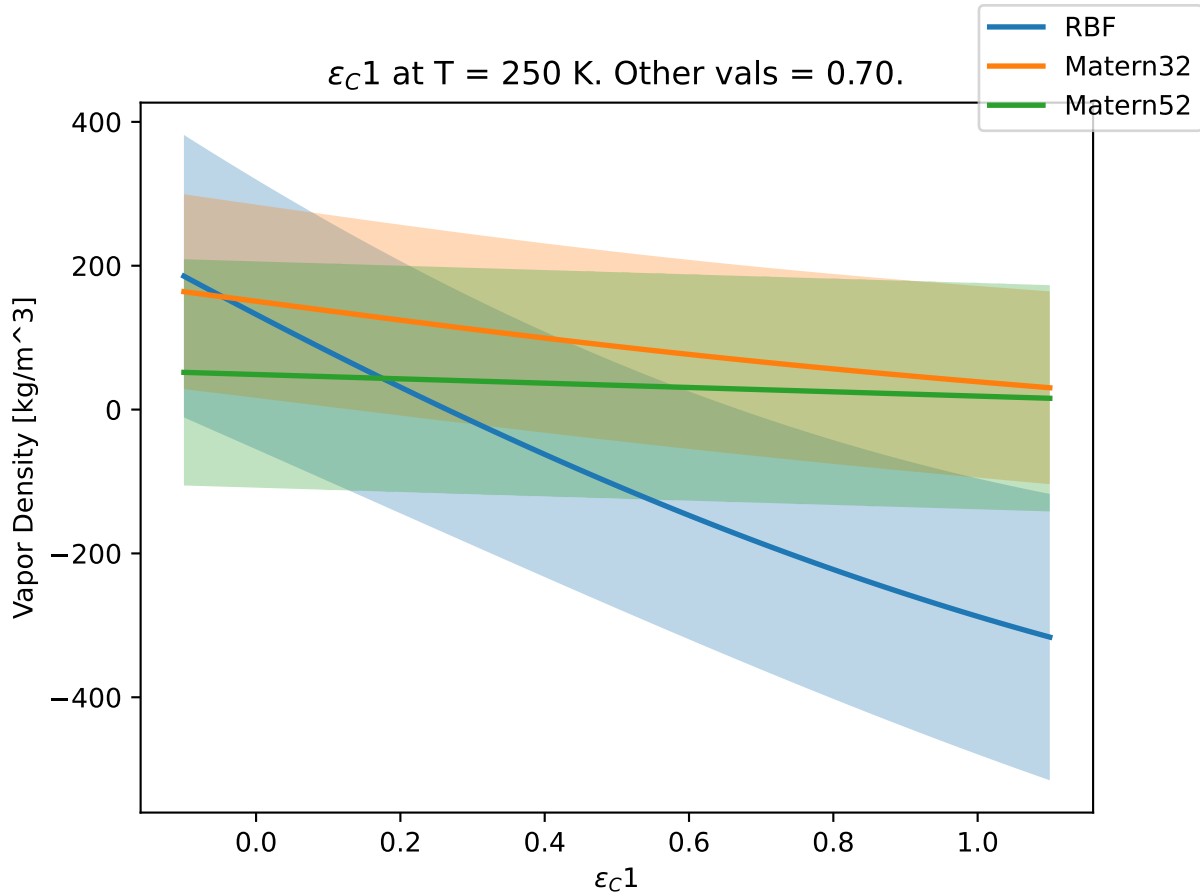


$\epsilon_C 1$  at T = 250 K. Other vals = 0.50.

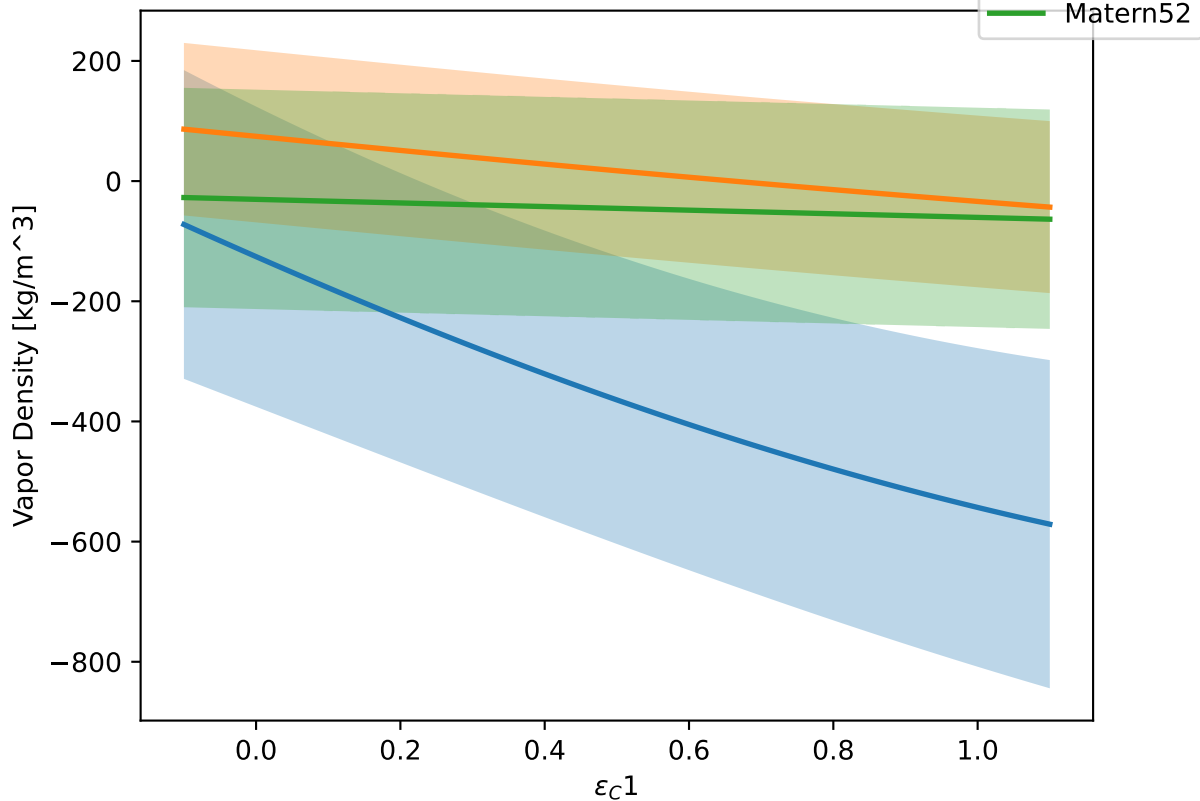


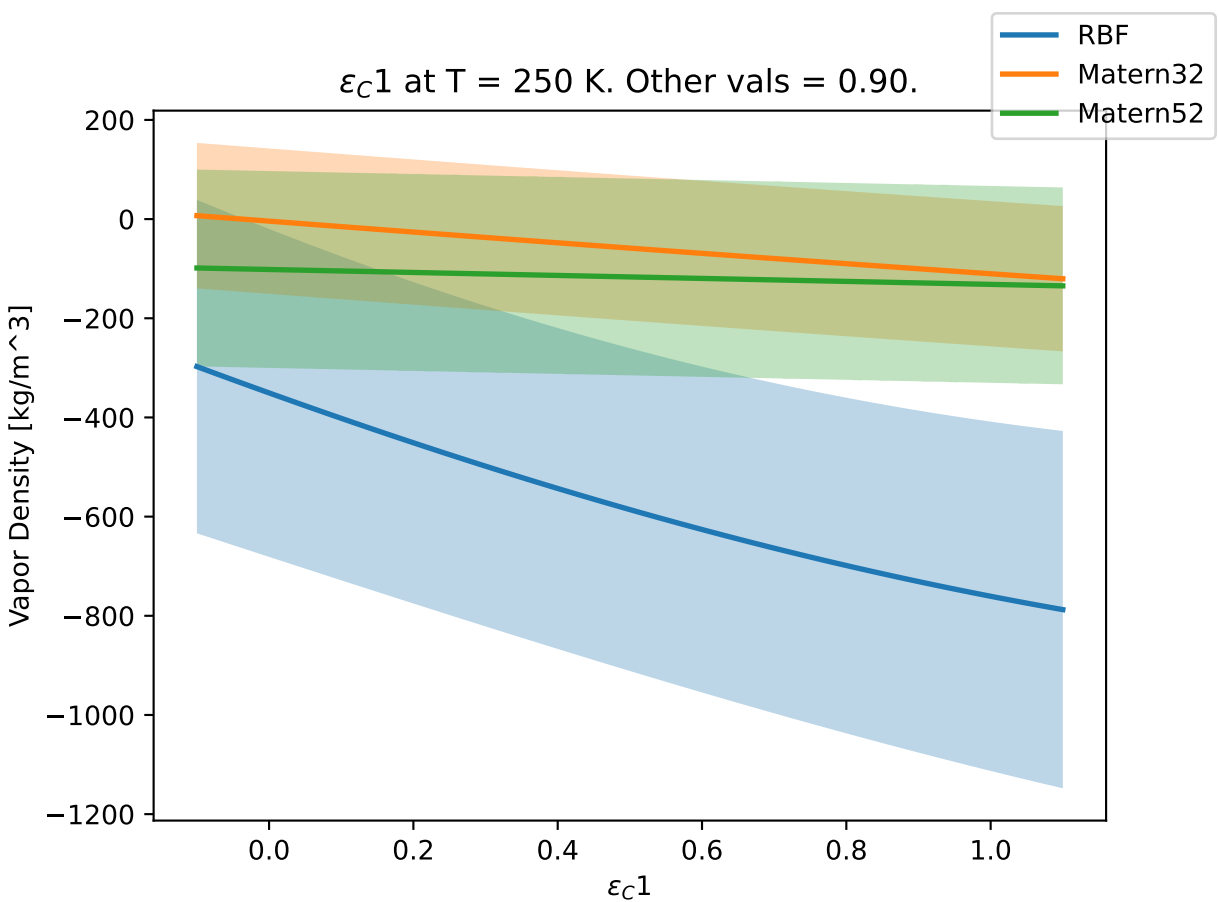
$\varepsilon_C 1$  at  $T = 250$  K. Other vals = 0.60.





$\epsilon_C 1$  at T = 250 K. Other vals = 0.80.

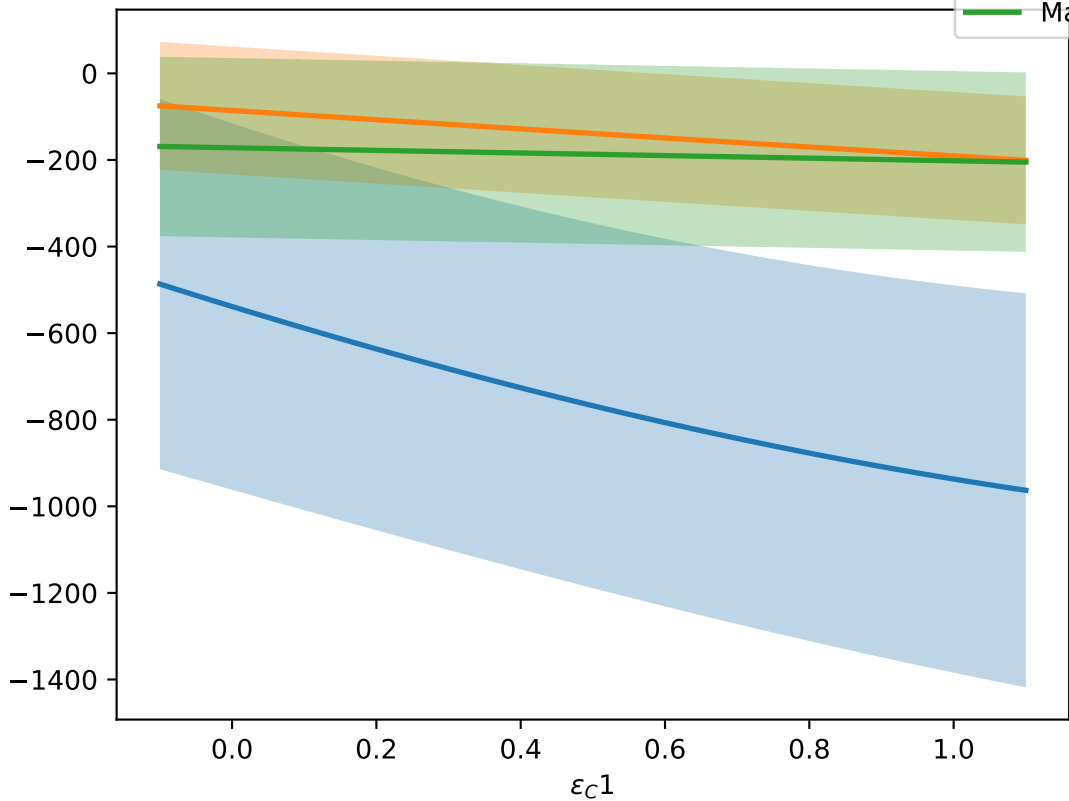




$\epsilon_C 1$  at  $T = 250$  K. Other vals = 1.00.

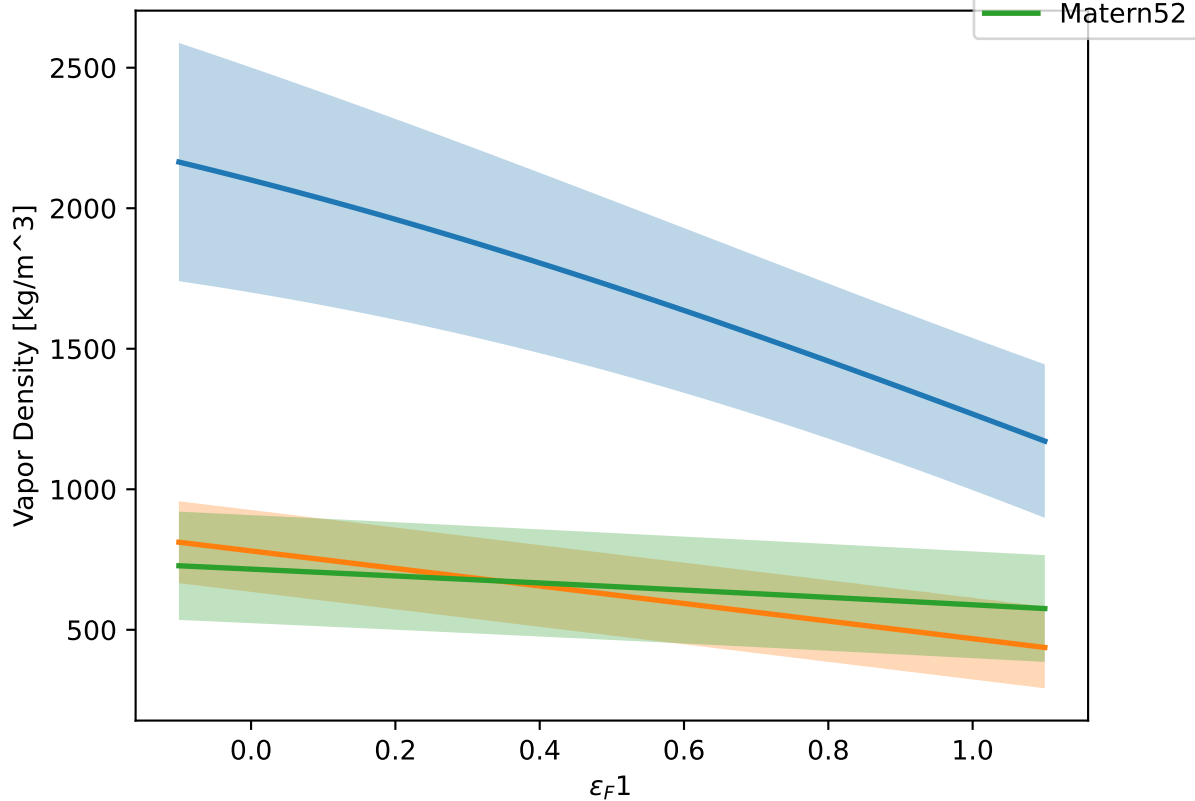
Vapor Density [ $\text{kg/m}^3$ ]

- RBF
- Matern32
- Matern52

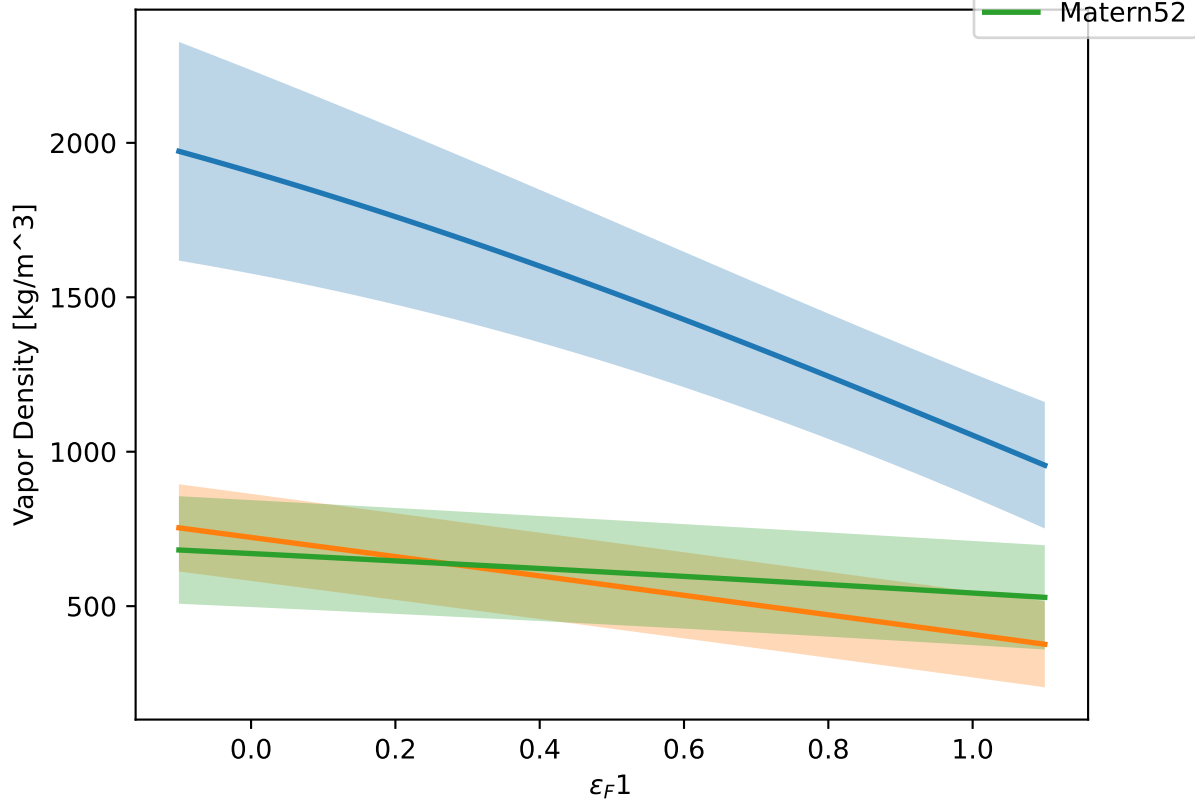




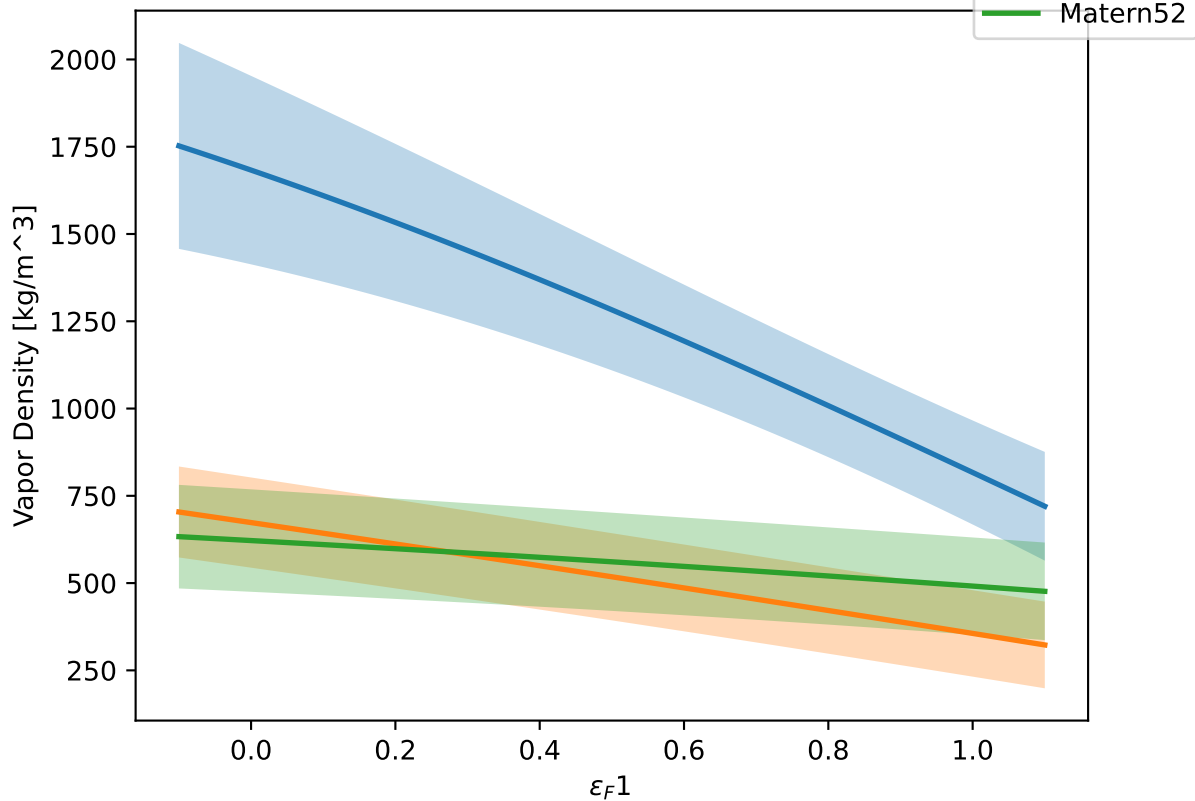
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.00.



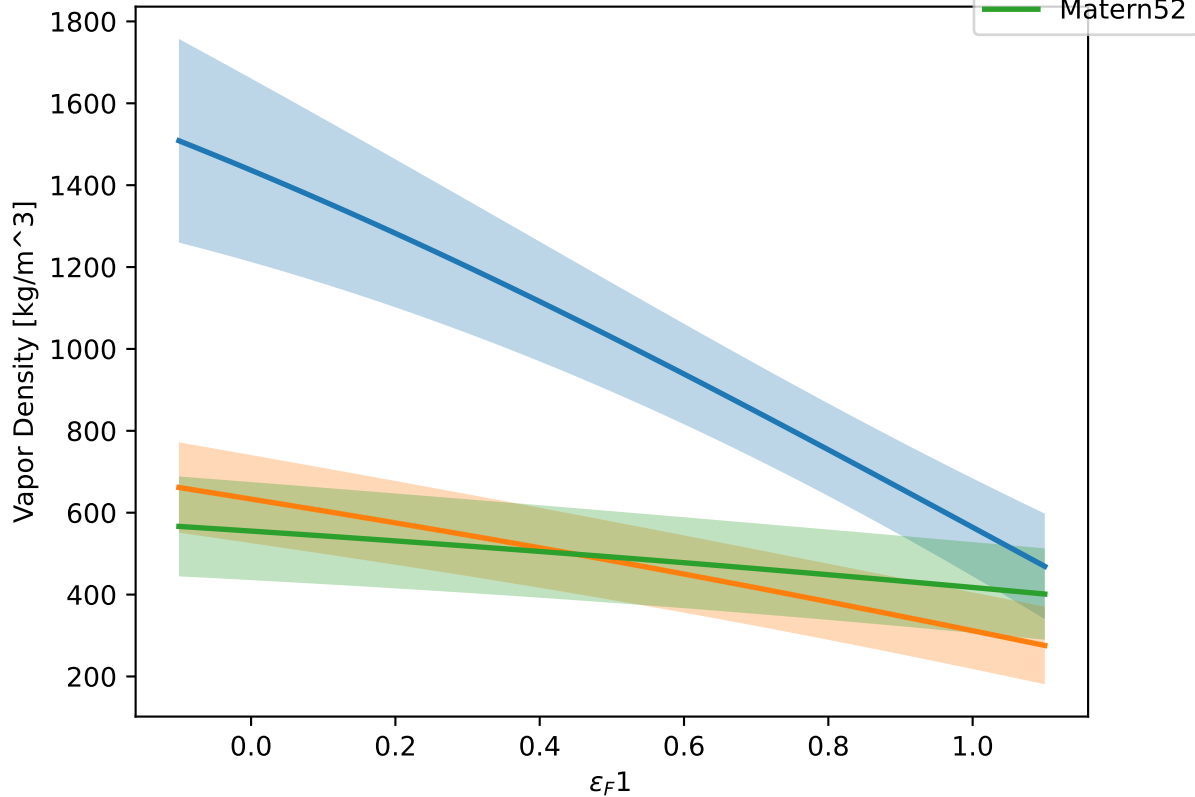
$\varepsilon_F 1$  at T = 250 K. Other vals = 0.10.



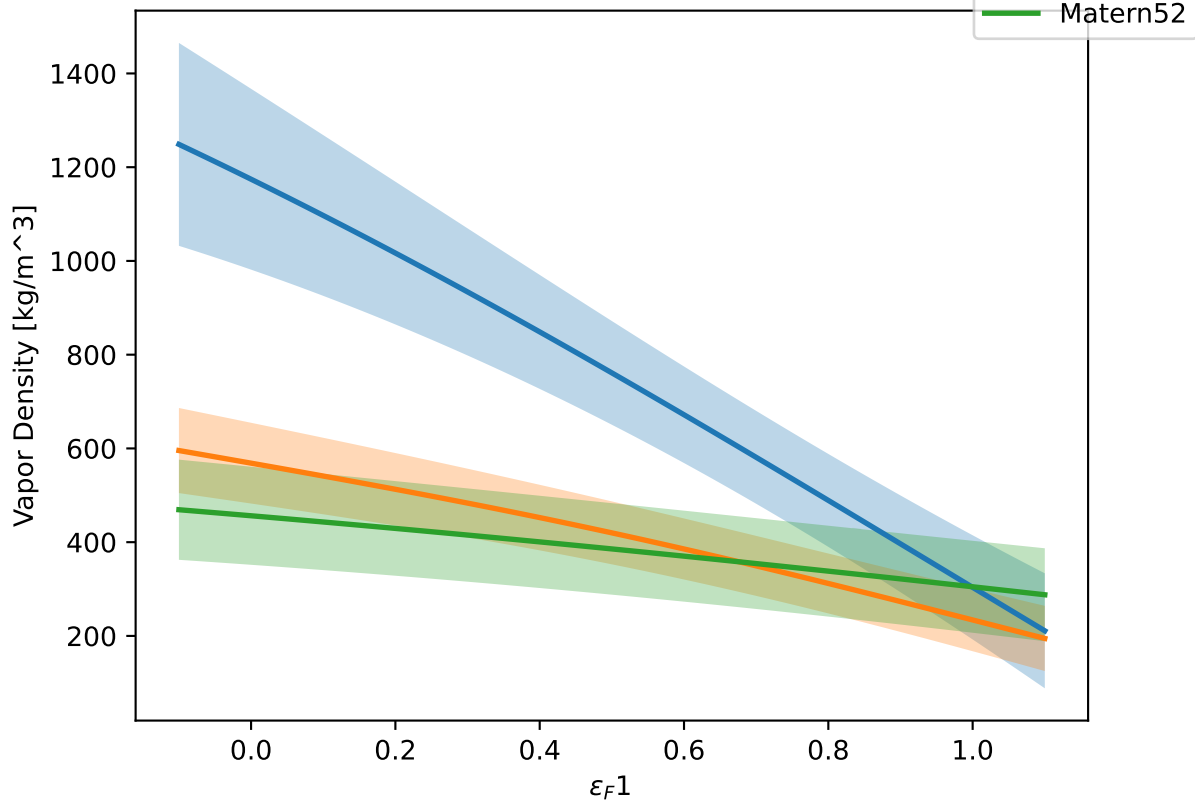
$\epsilon_F 1$  at  $T = 250$  K. Other vals = 0.20.



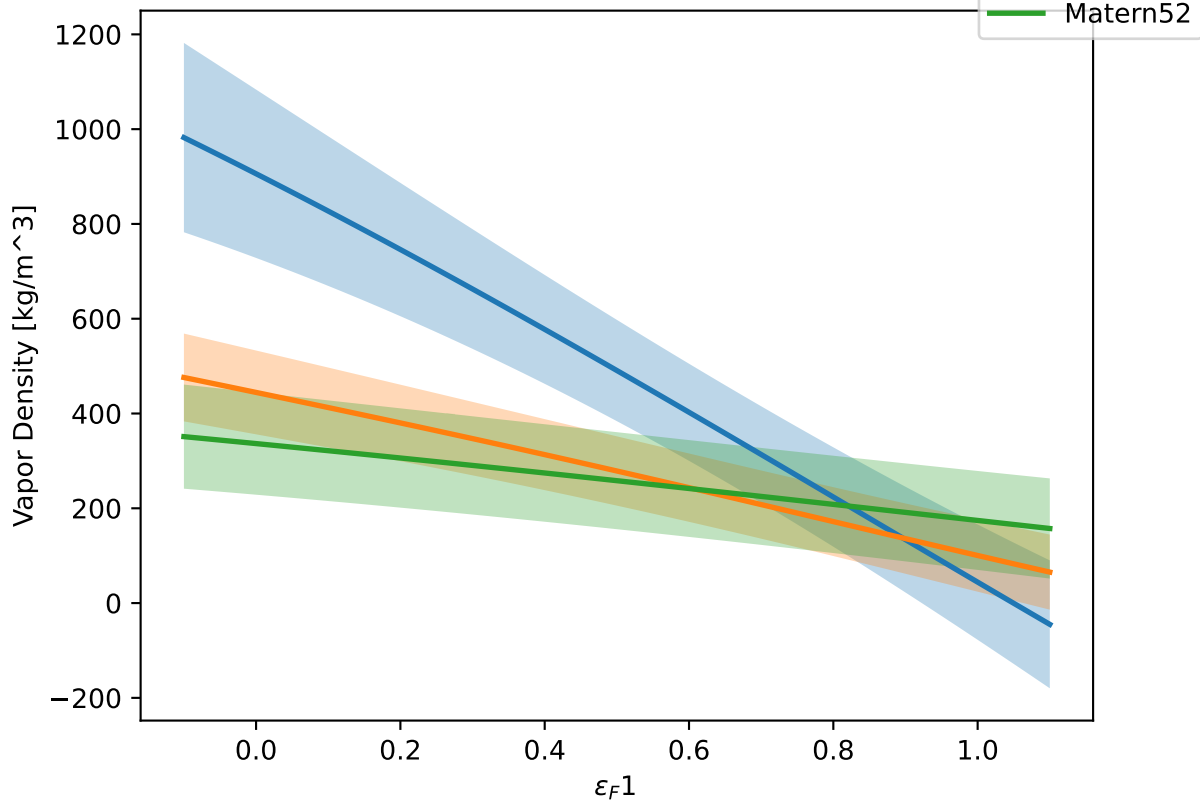
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.30.



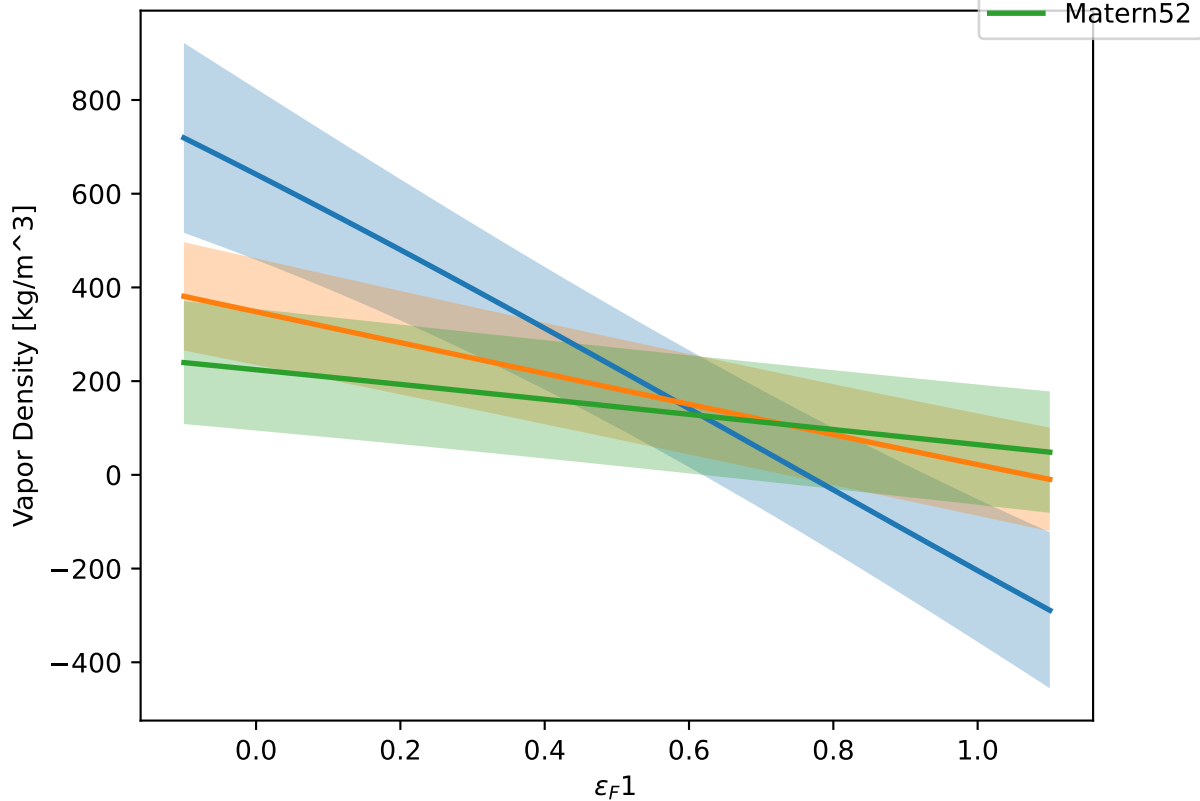
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.40.



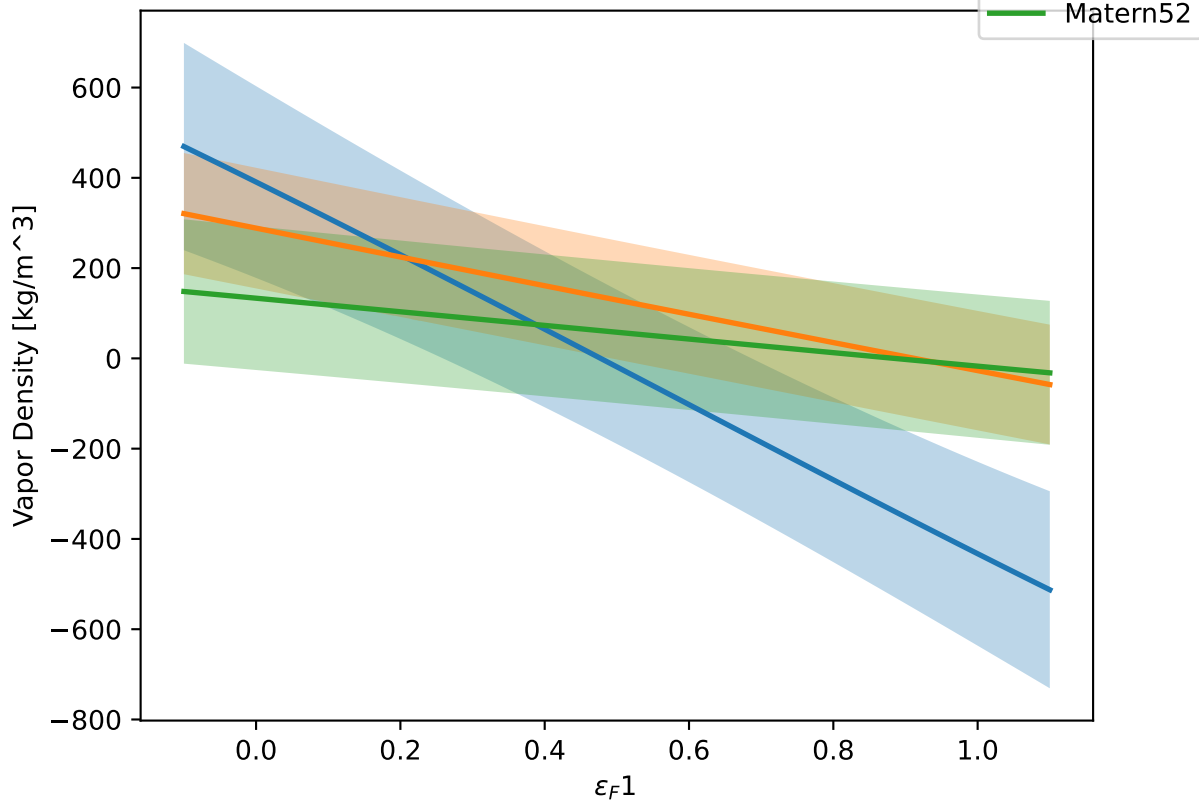
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.50.



$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.60.



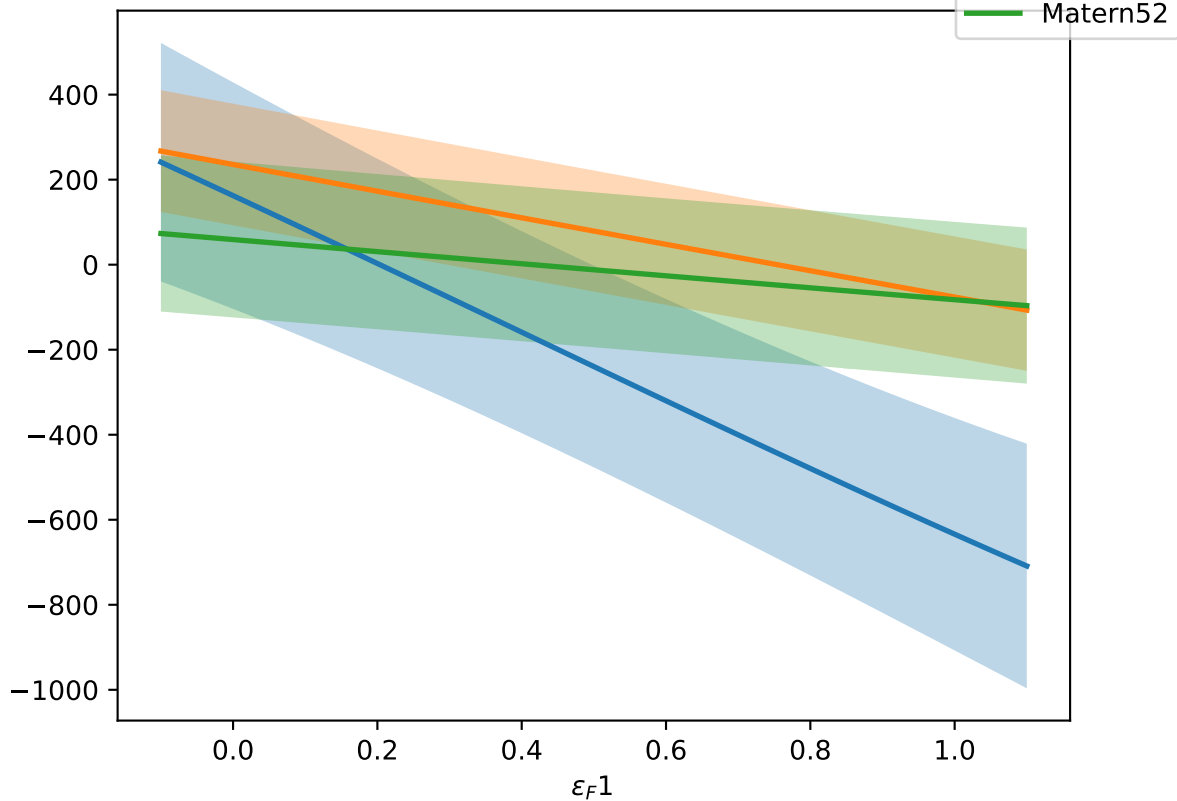
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.70.

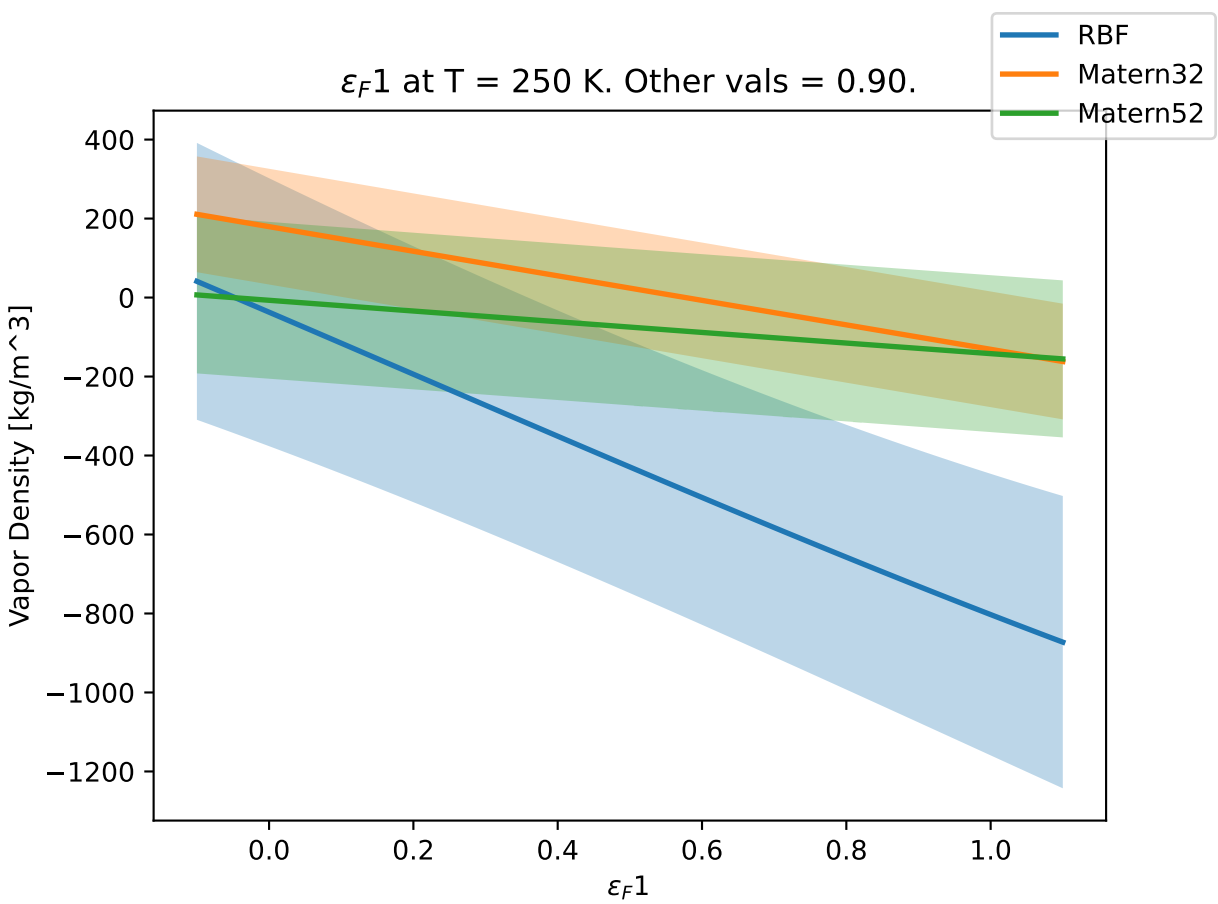




$\epsilon_F 1$  at  $T = 250$  K. Other vals = 0.80.

Vapor Density [kg/m<sup>3</sup>]

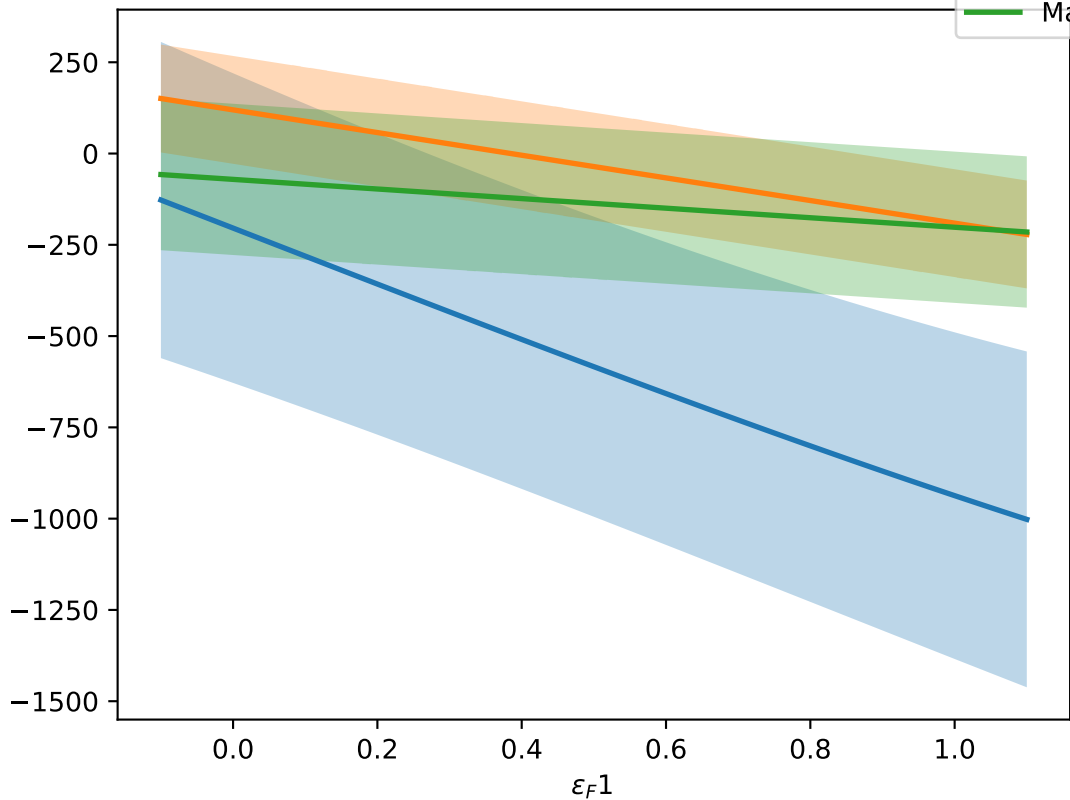


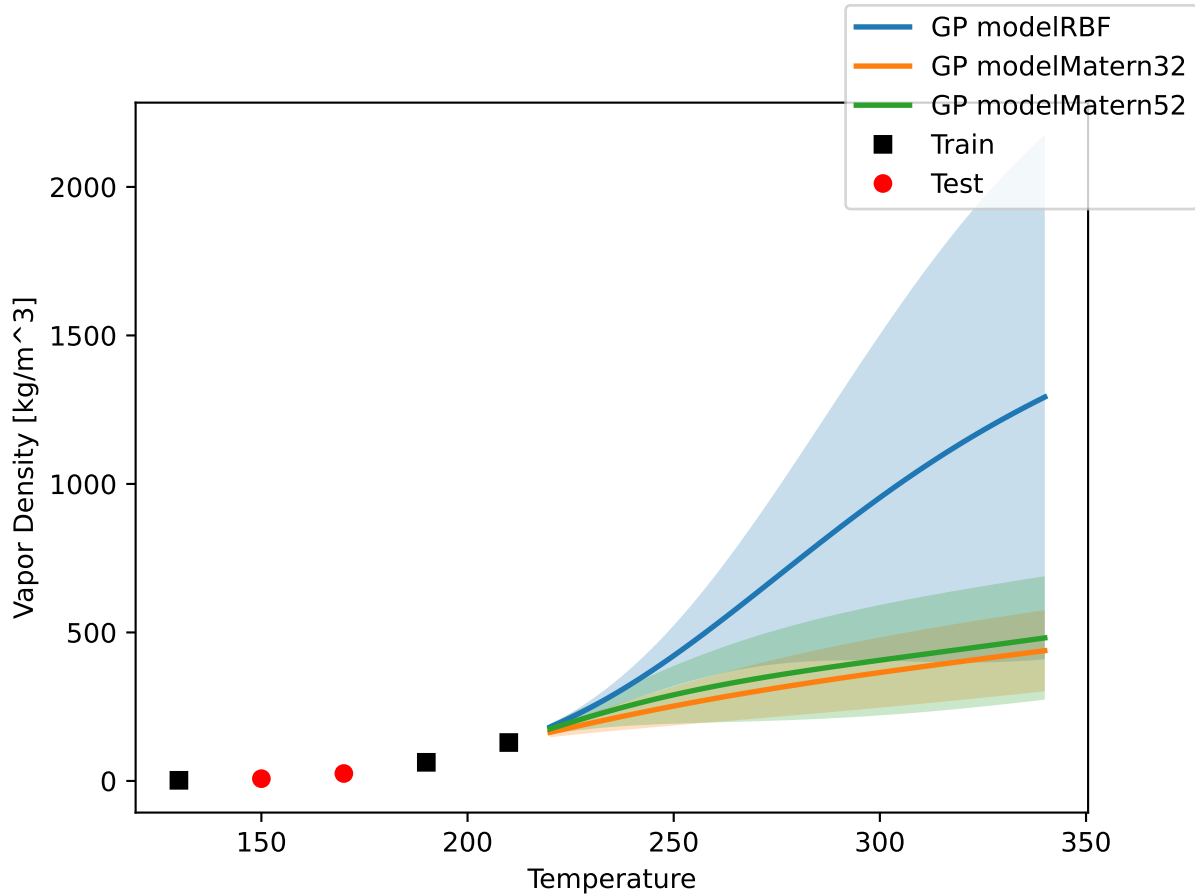


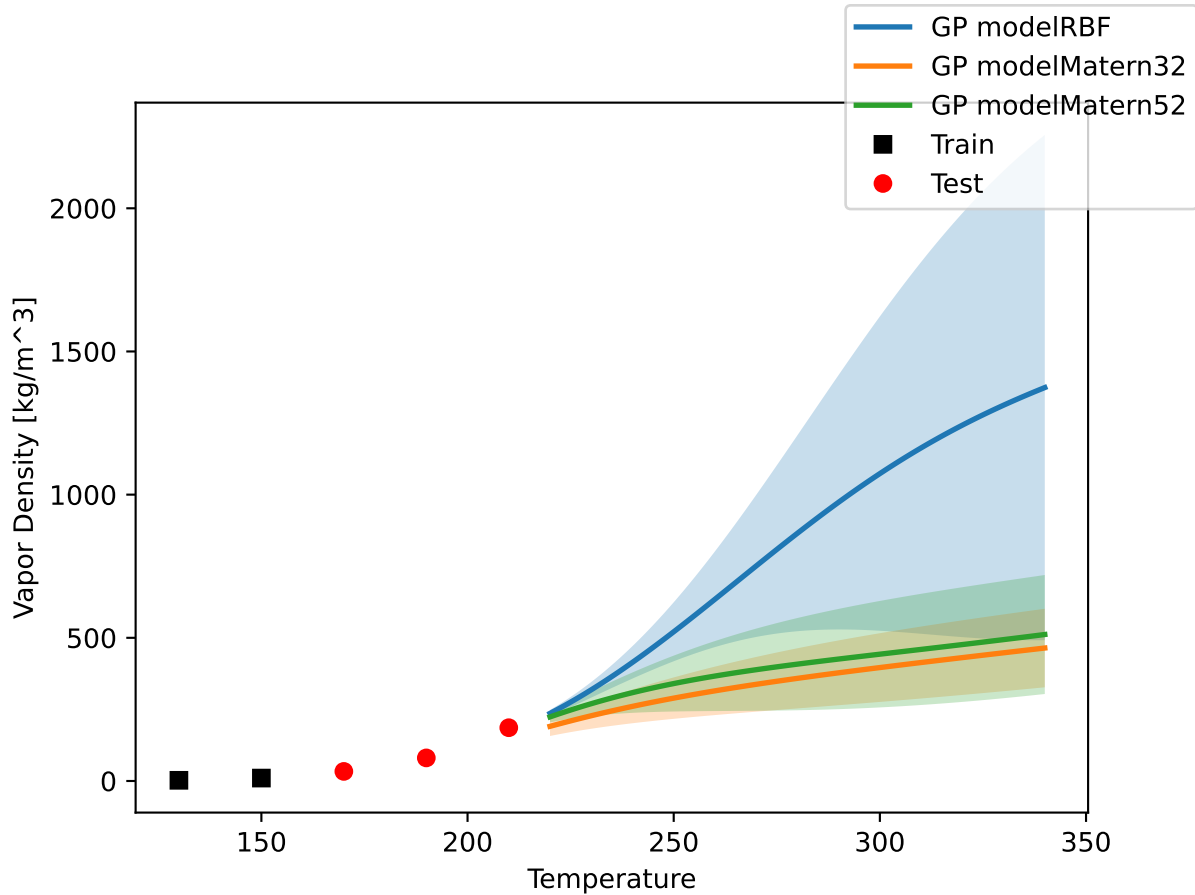
$\epsilon_F 1$  at T = 250 K. Other vals = 1.00.

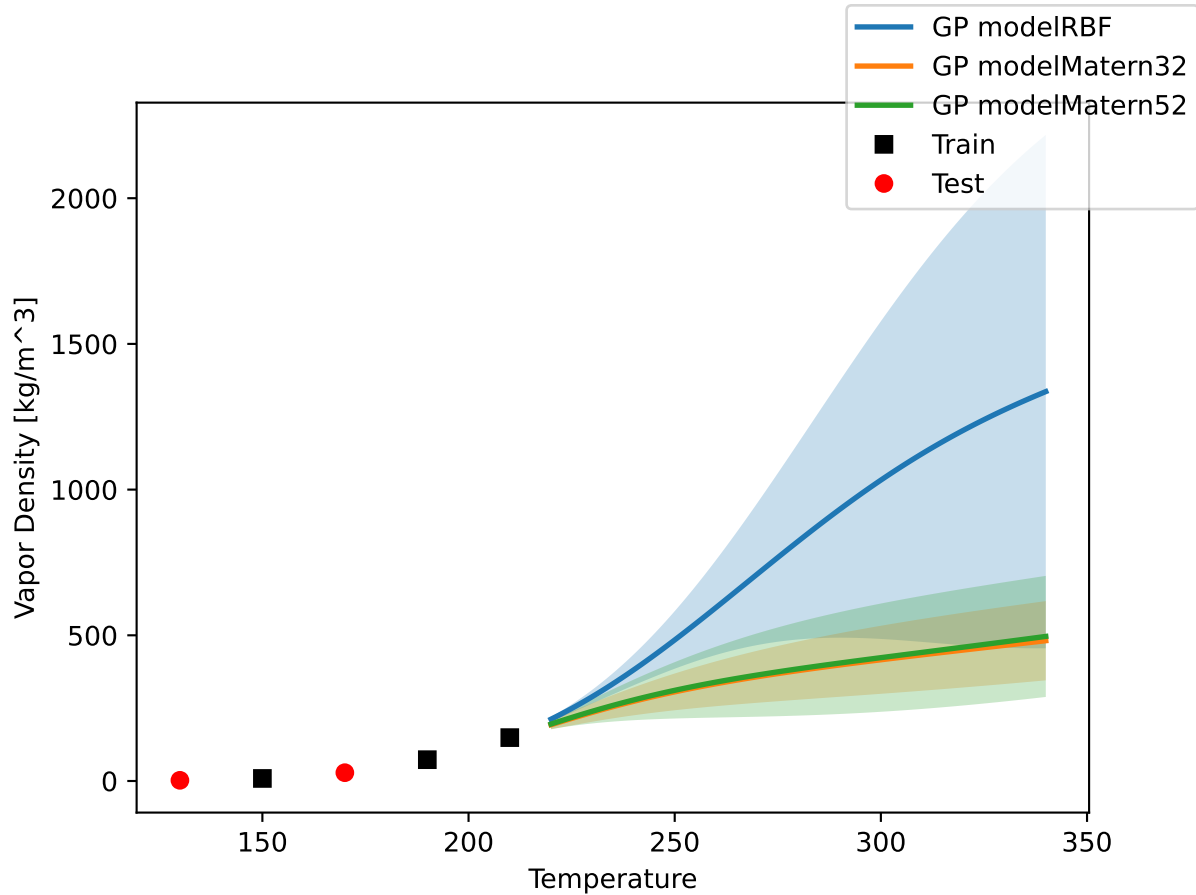
Vapor Density [kg/m<sup>3</sup>]

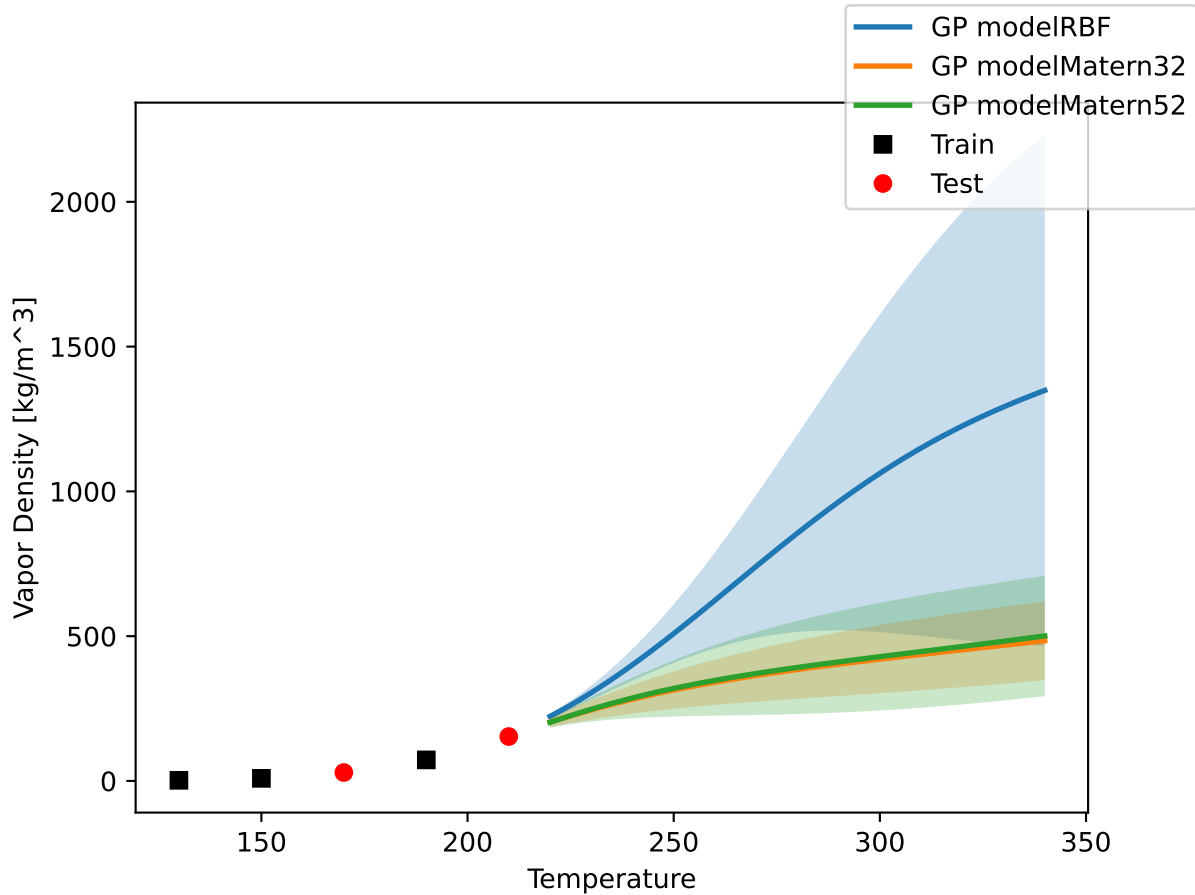
- RBF
- Matern32
- Matern52

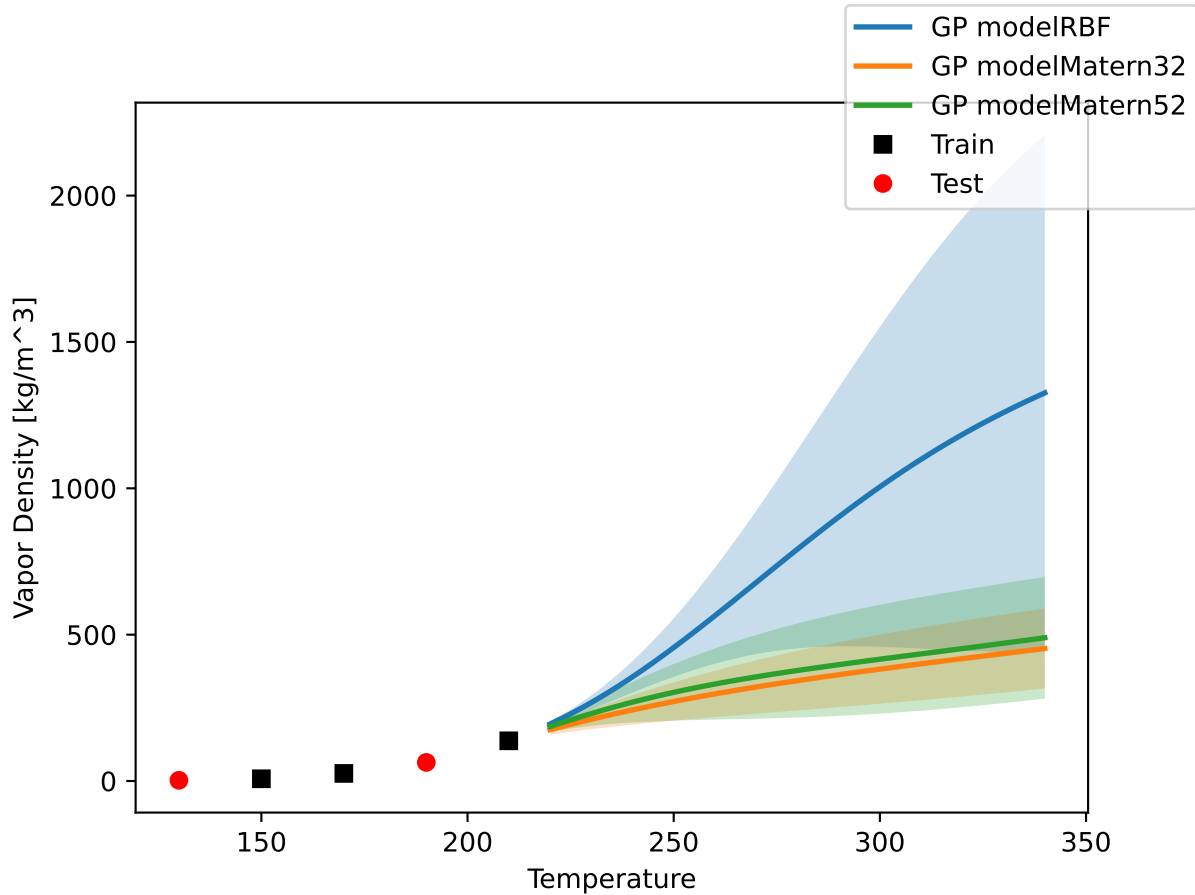




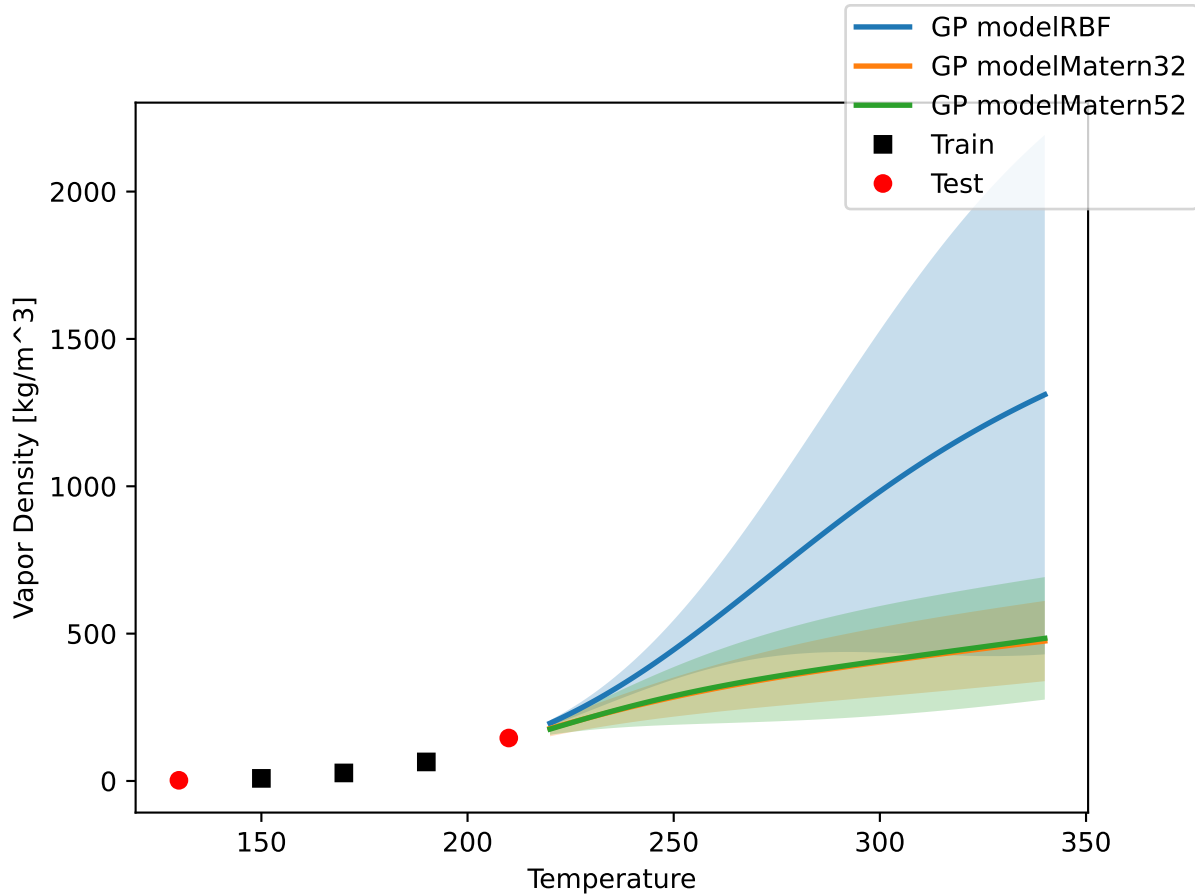


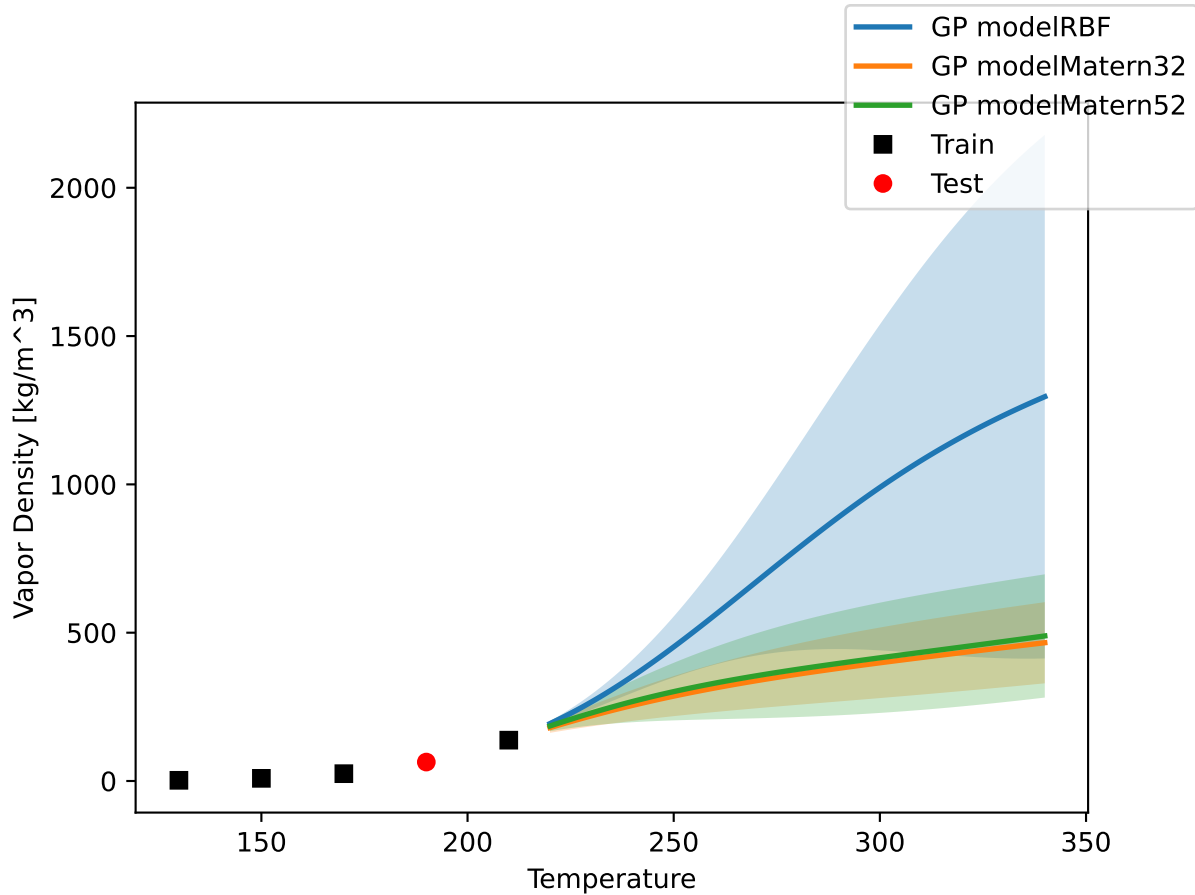


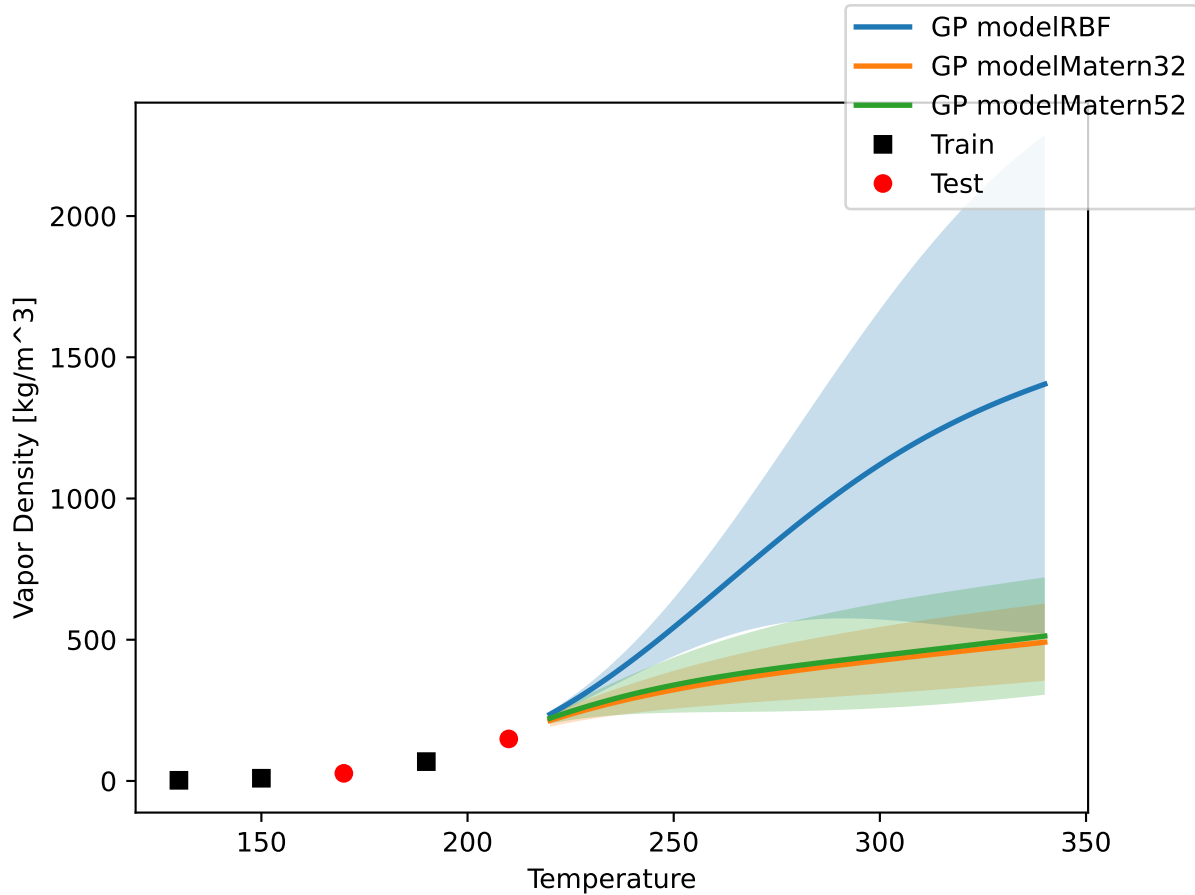


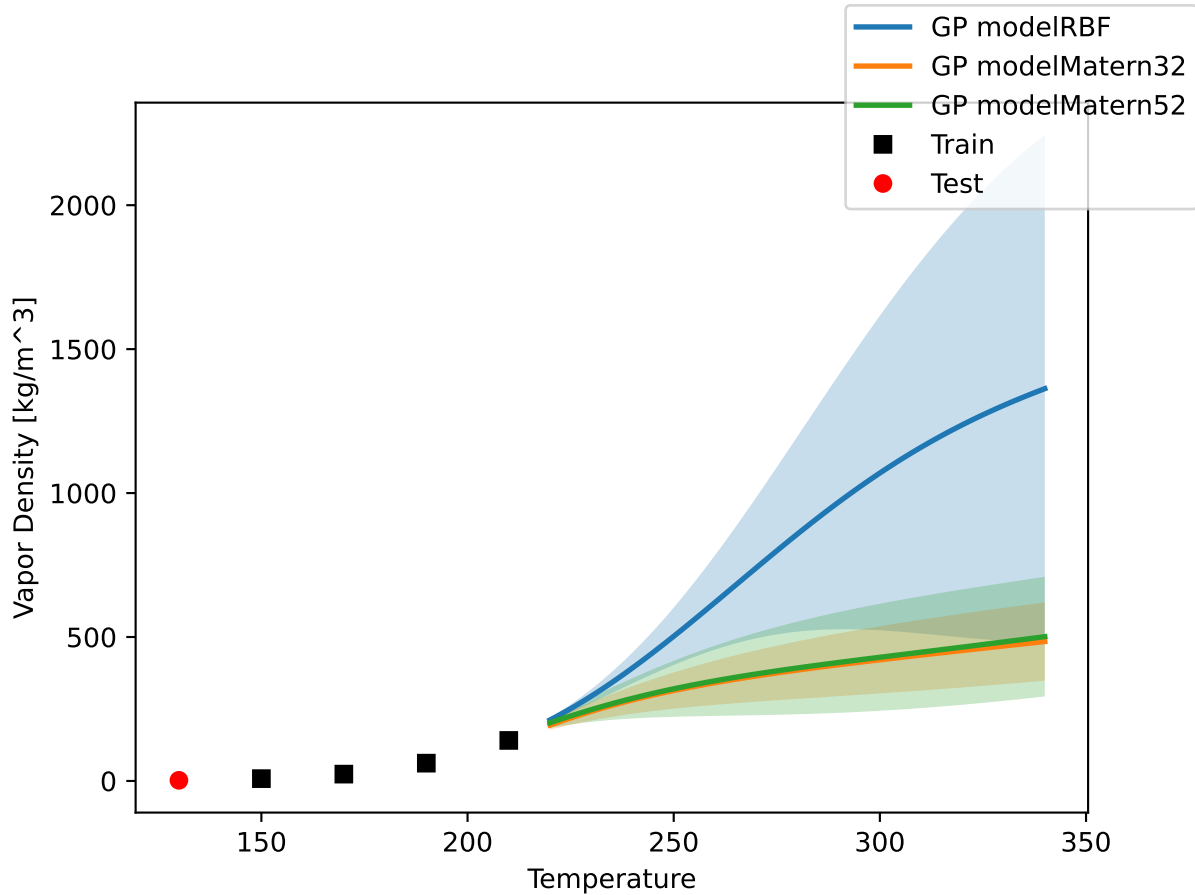


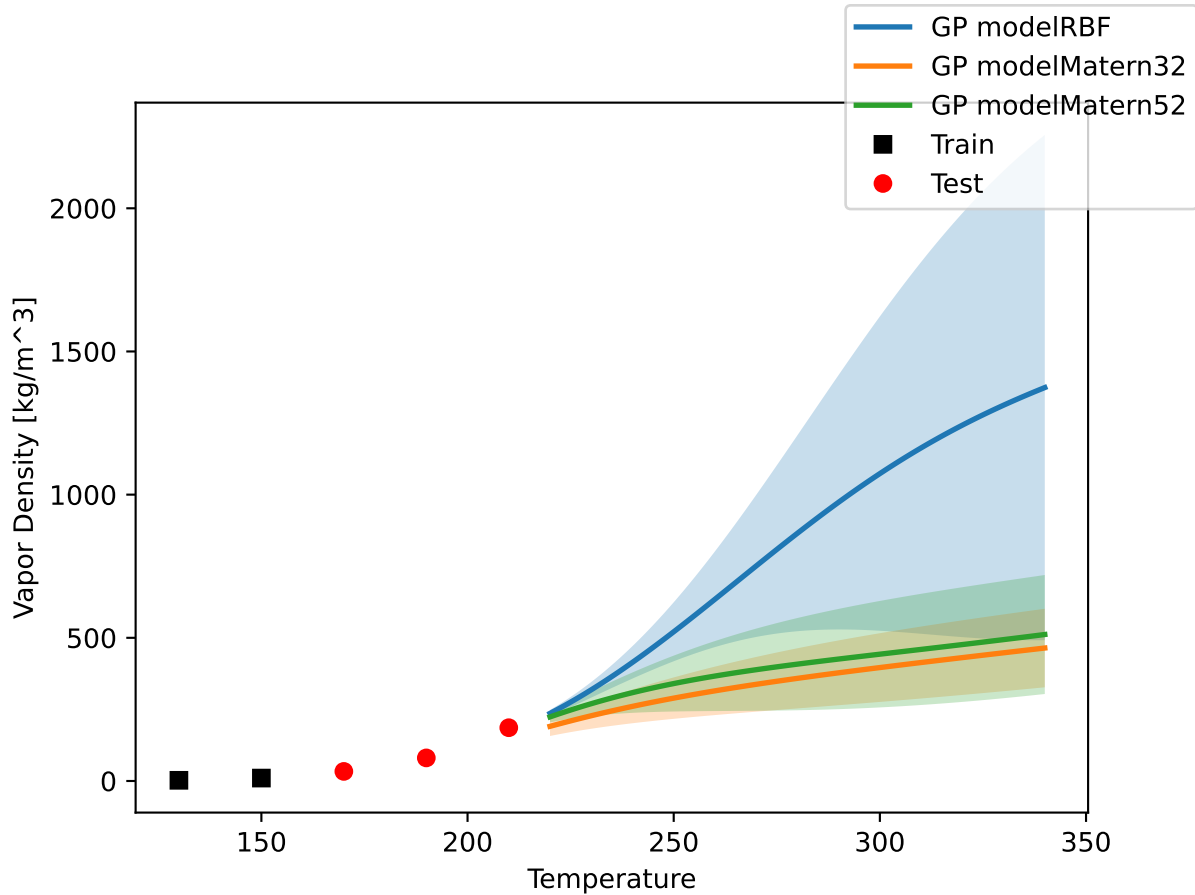


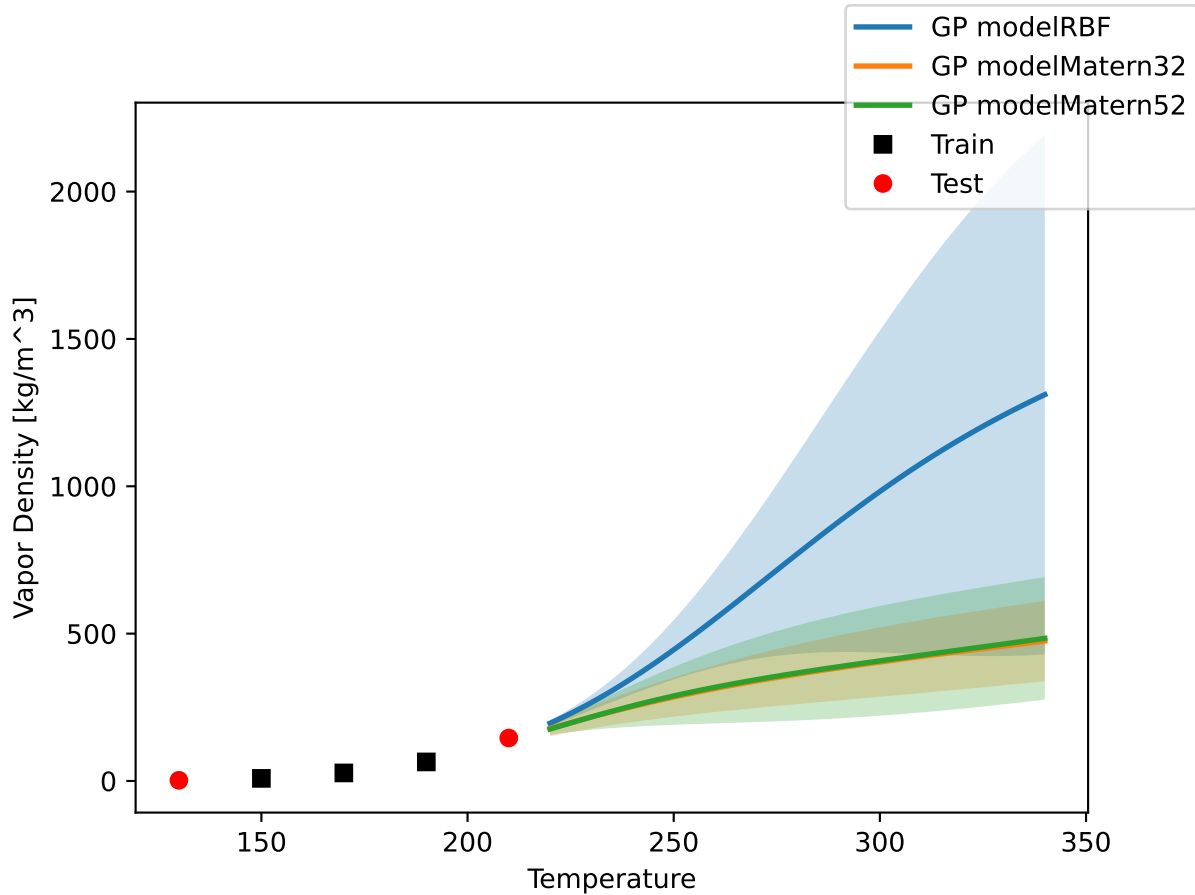


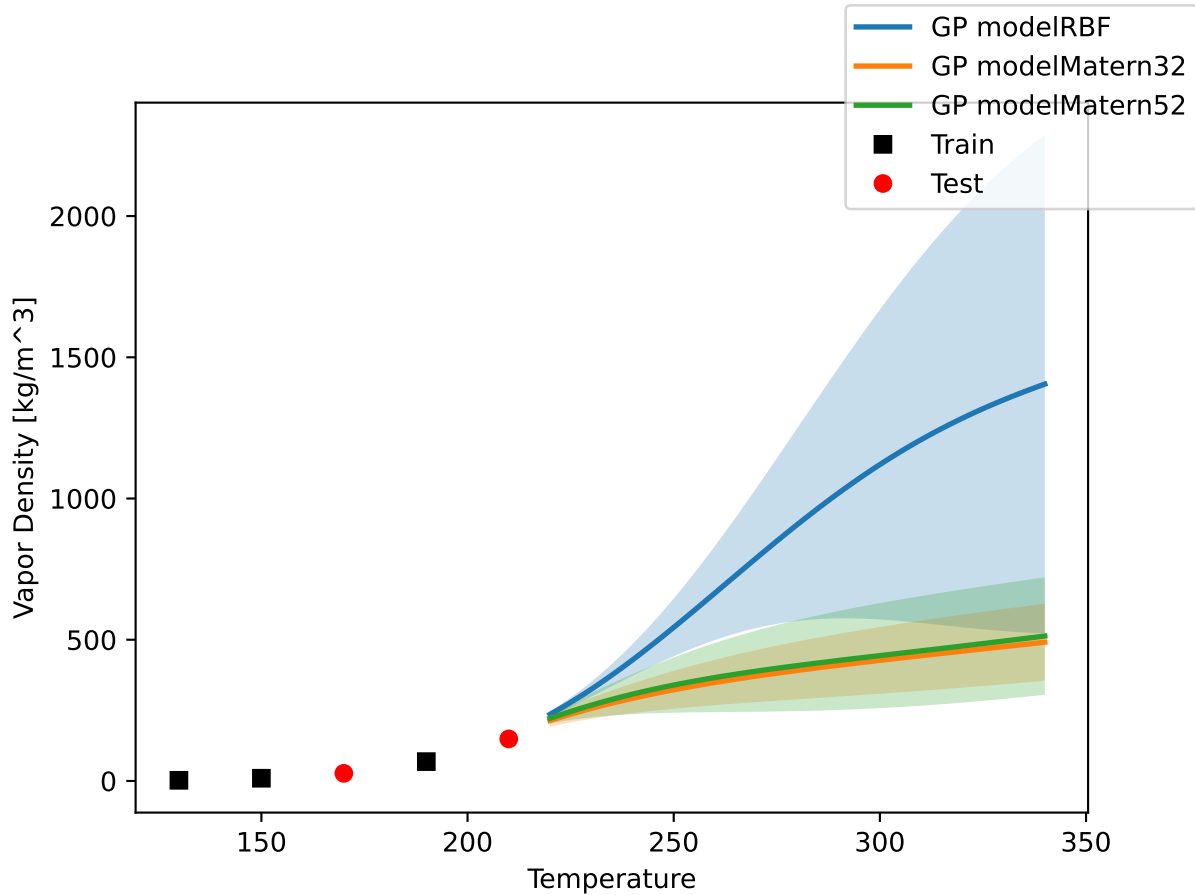


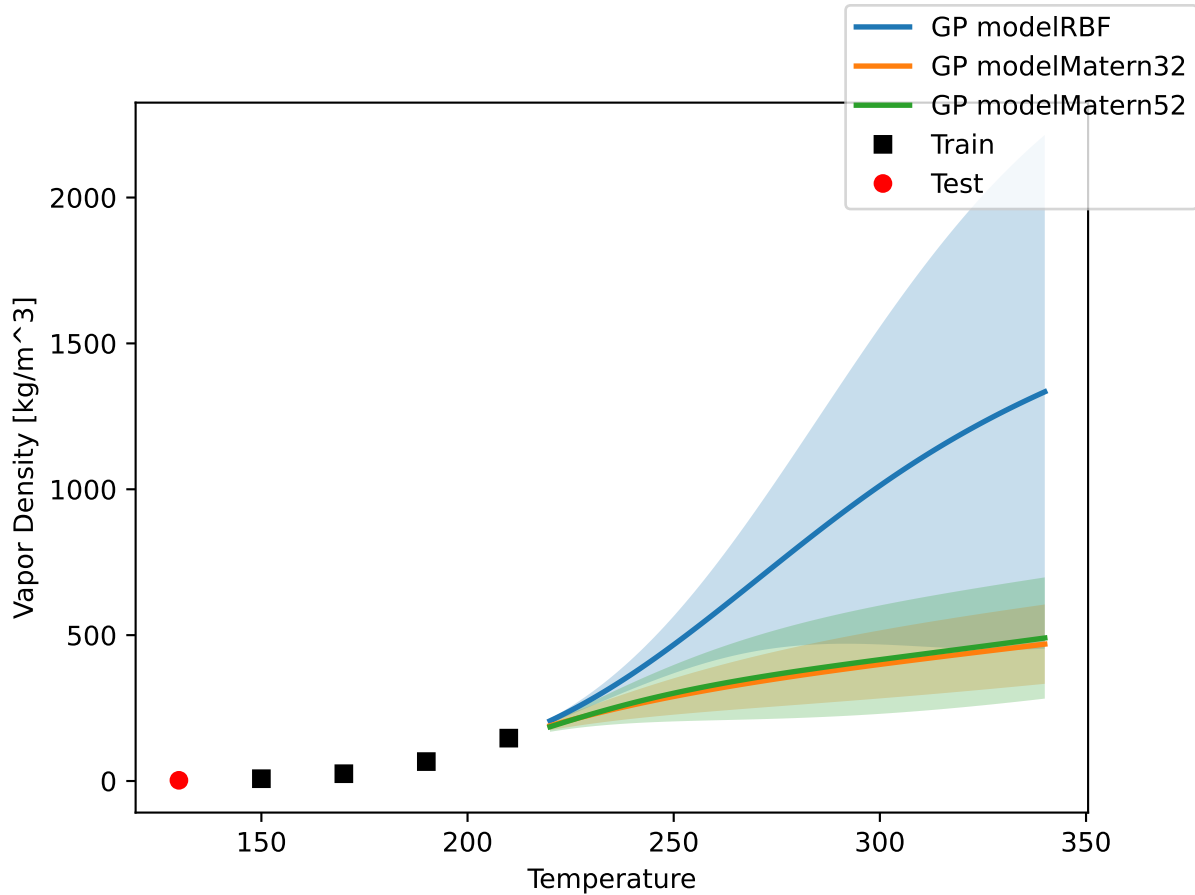




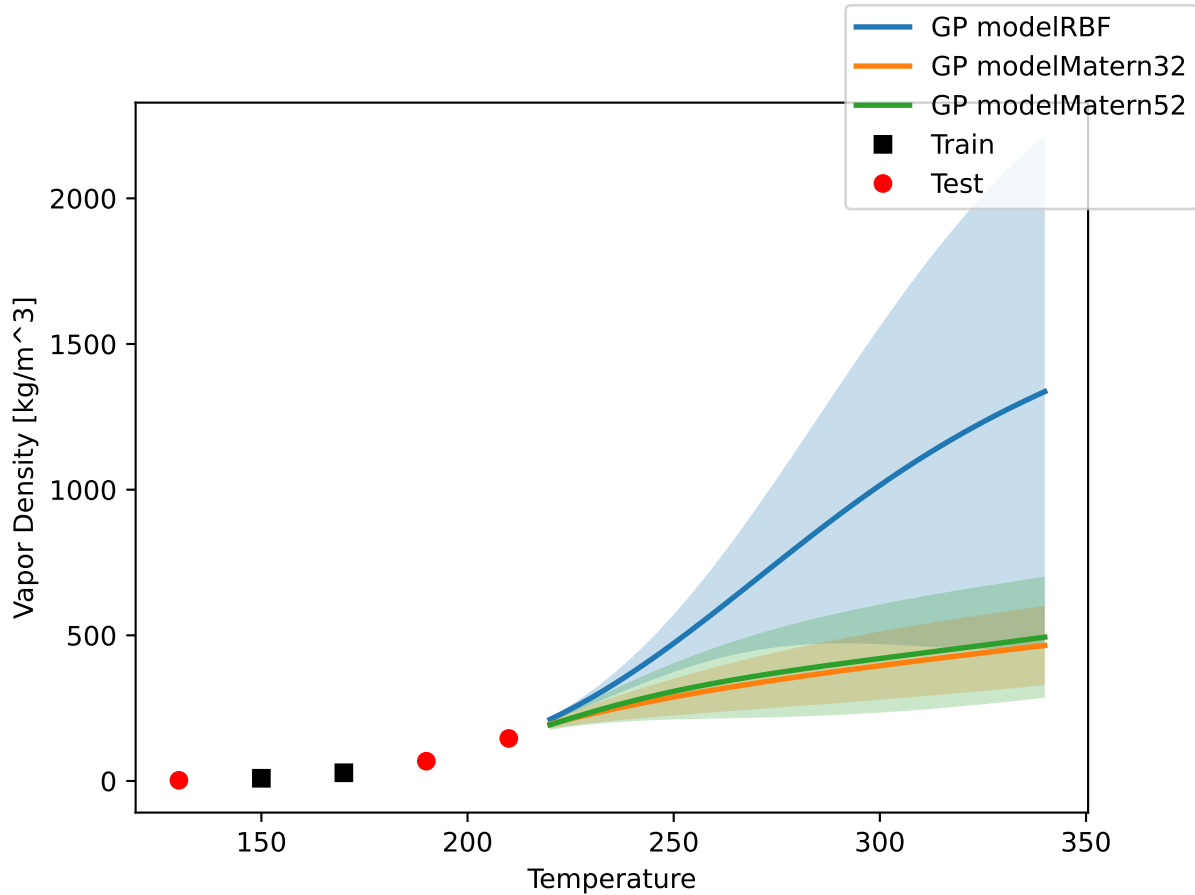


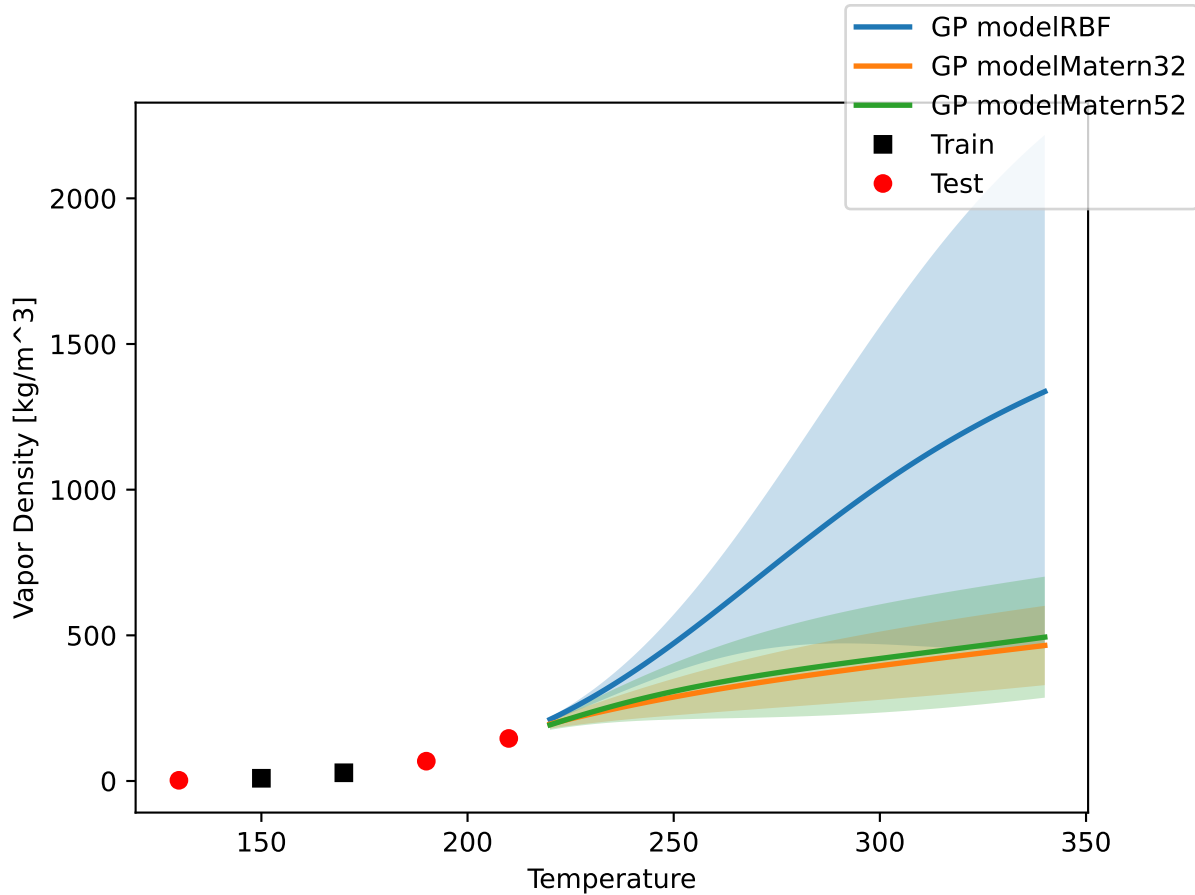


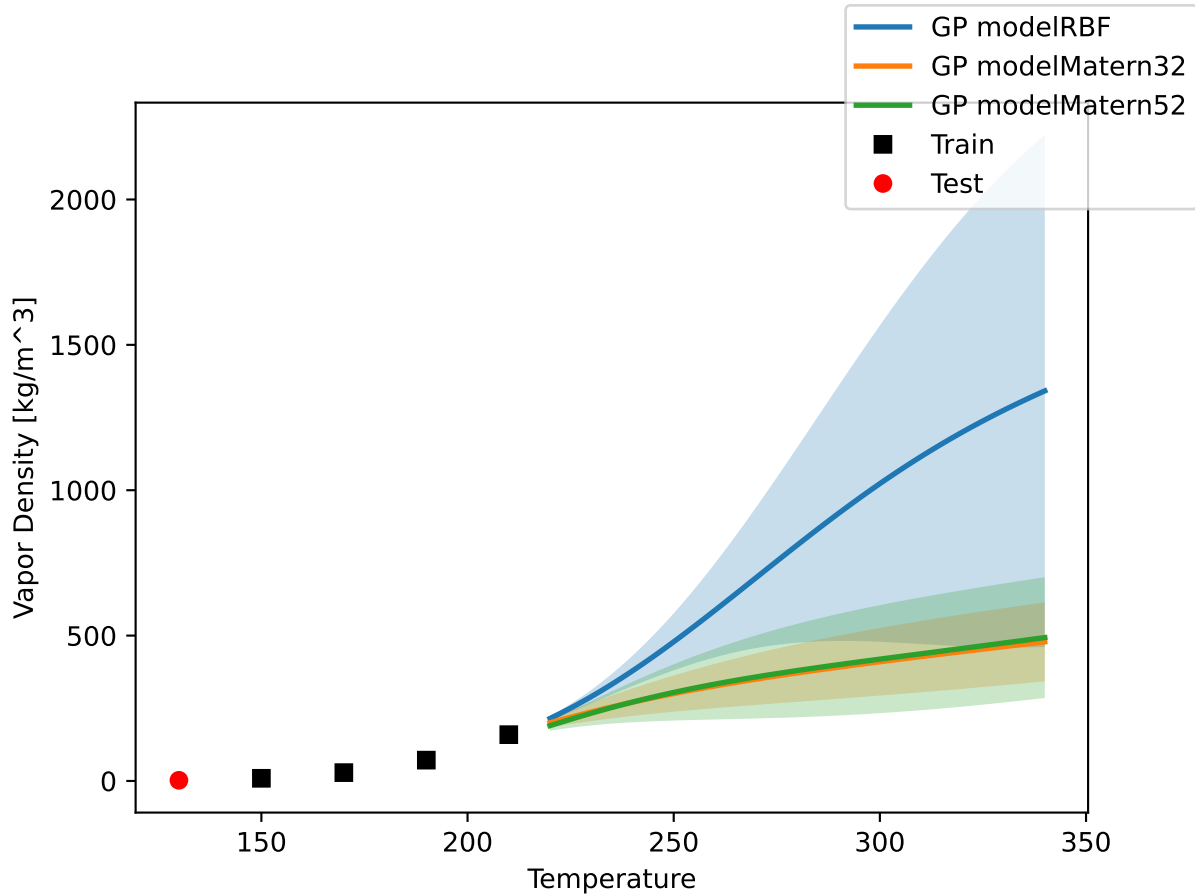


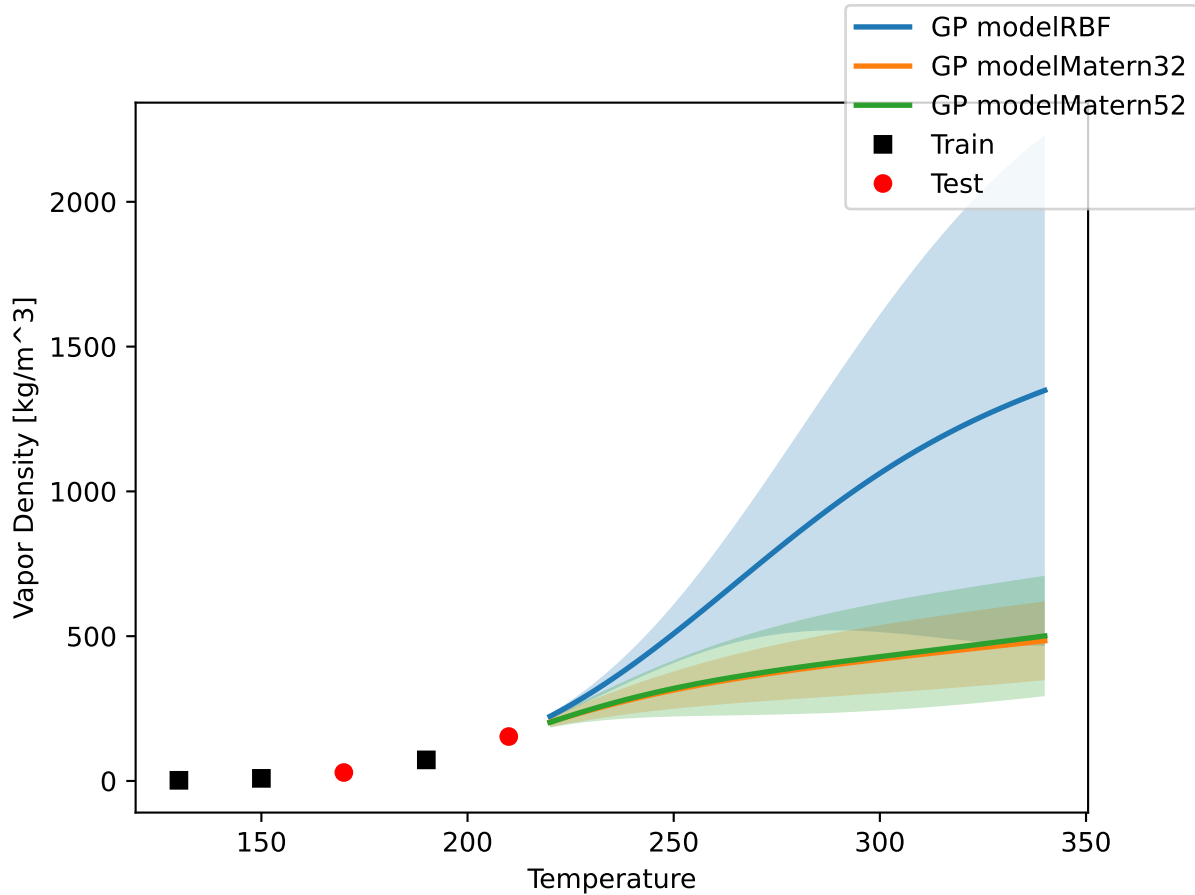


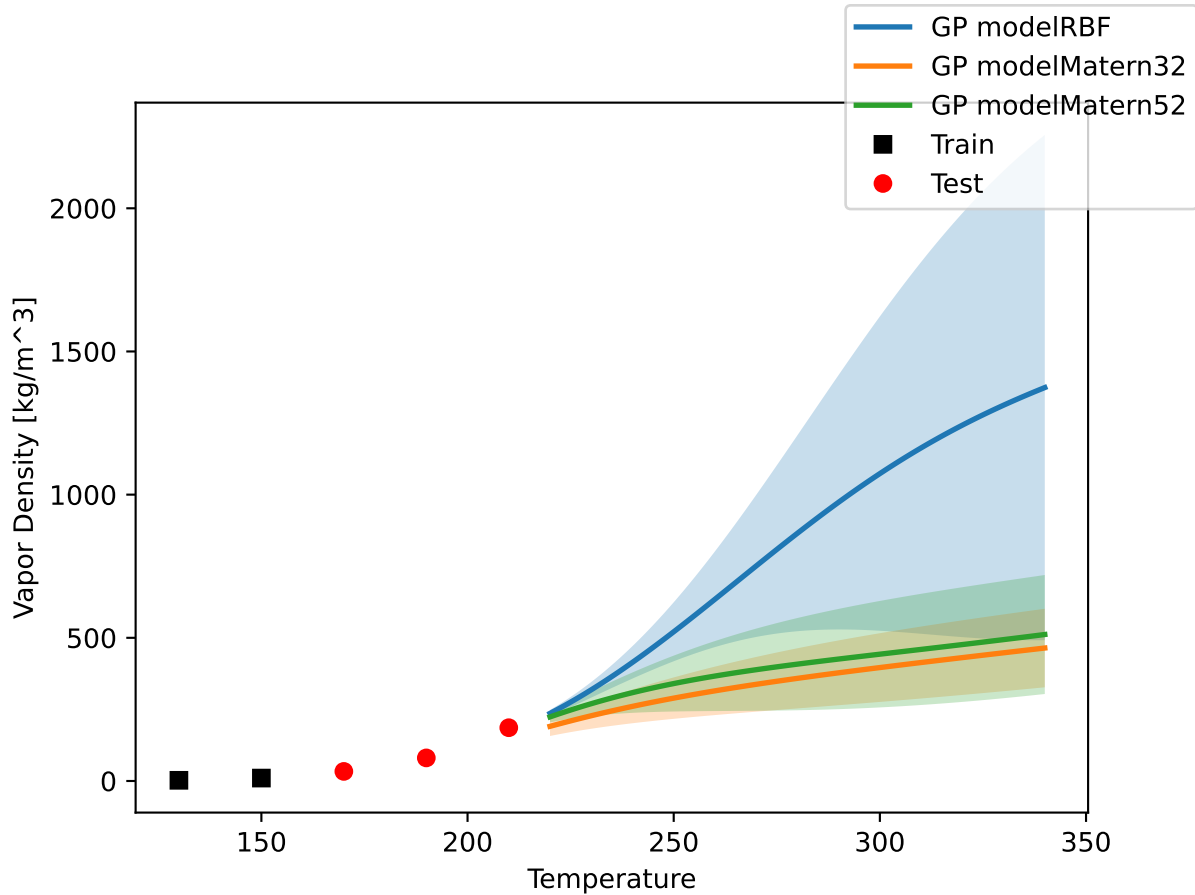


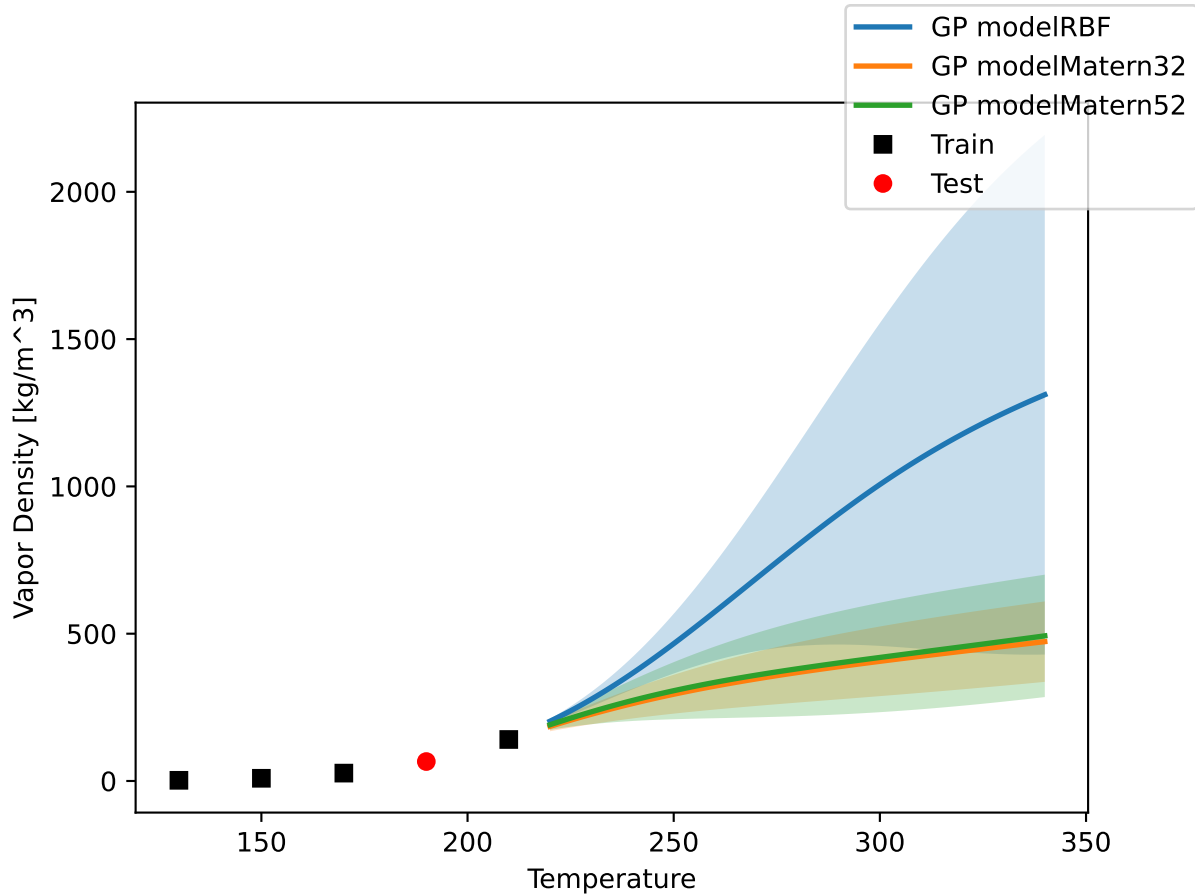


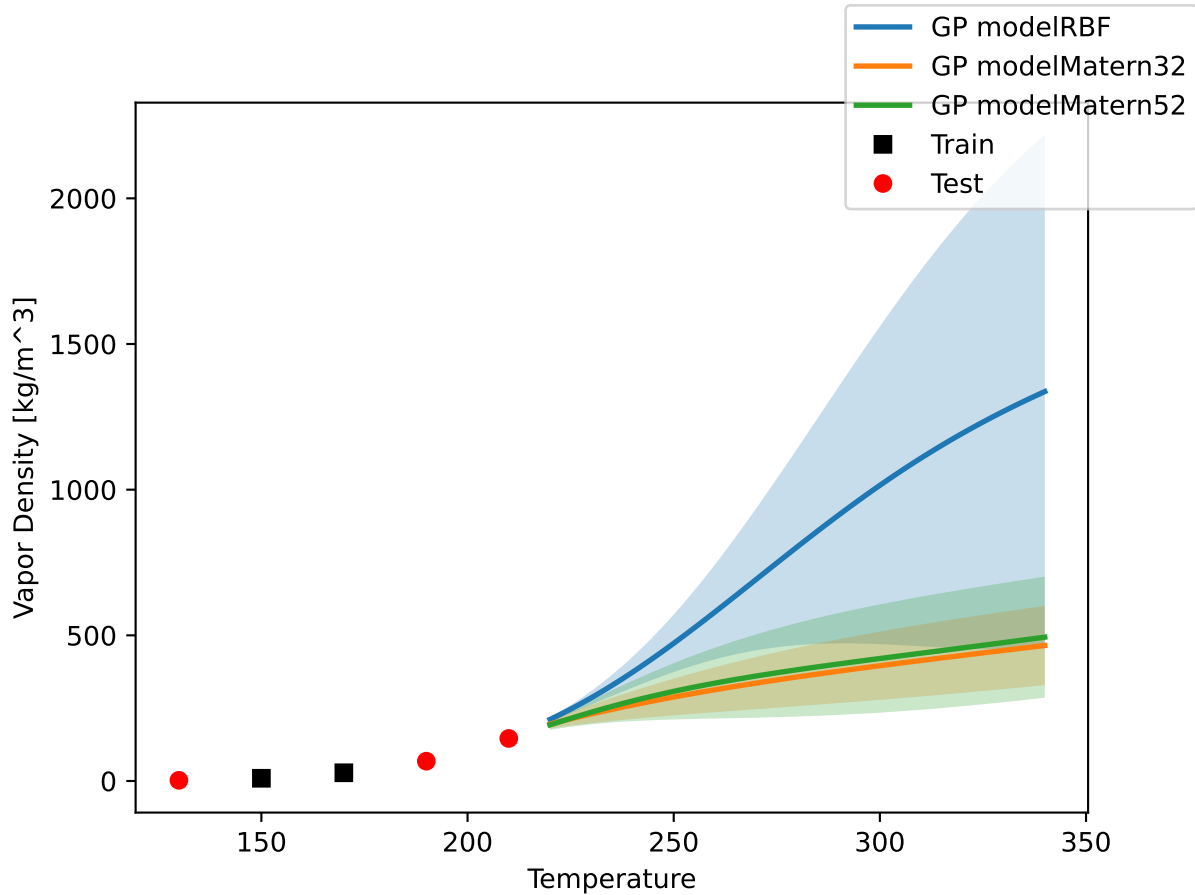


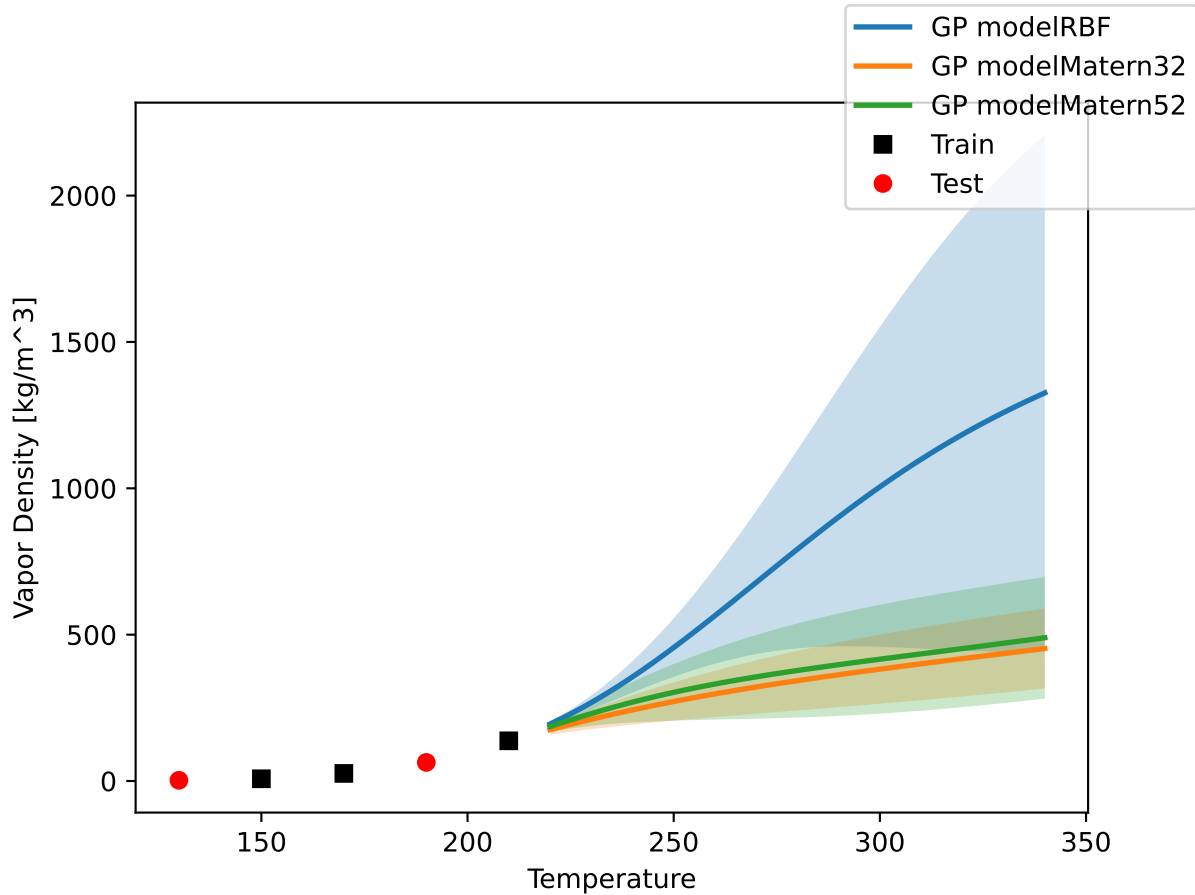




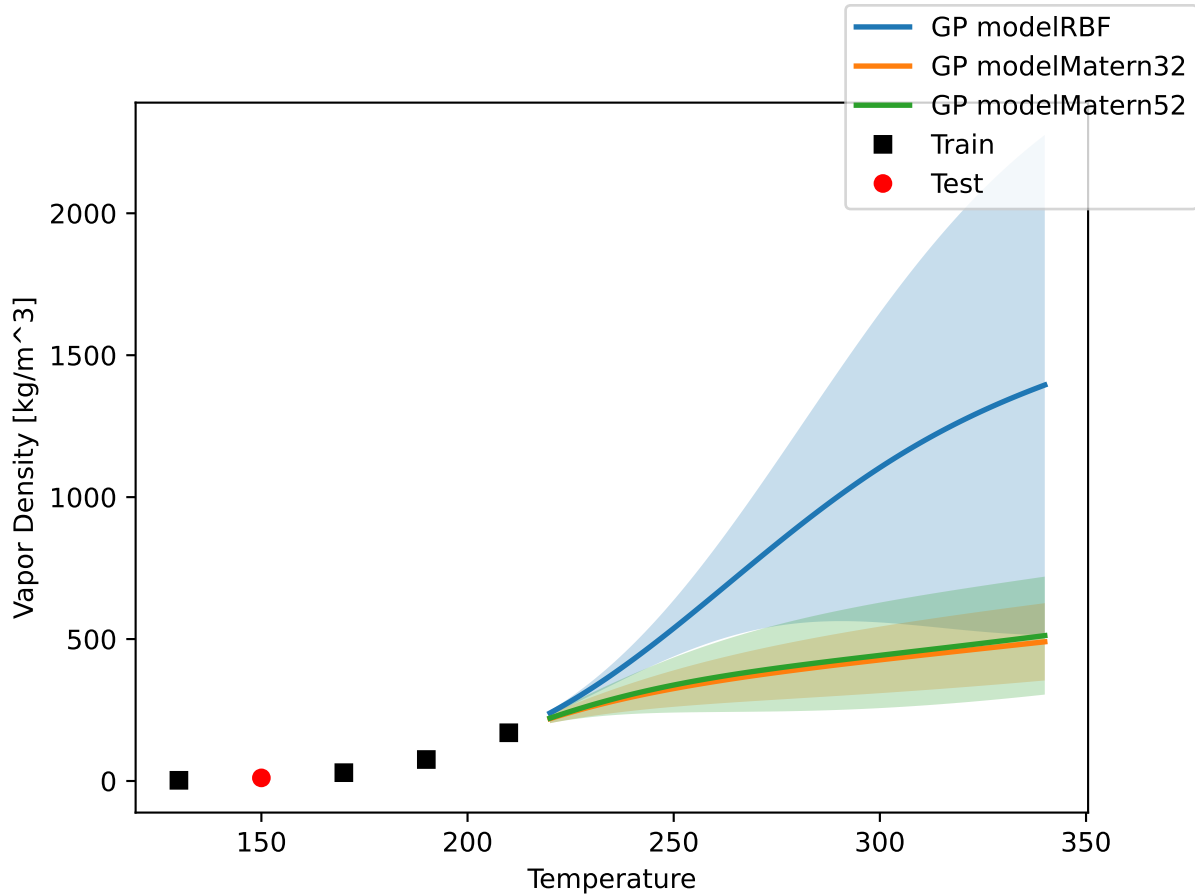


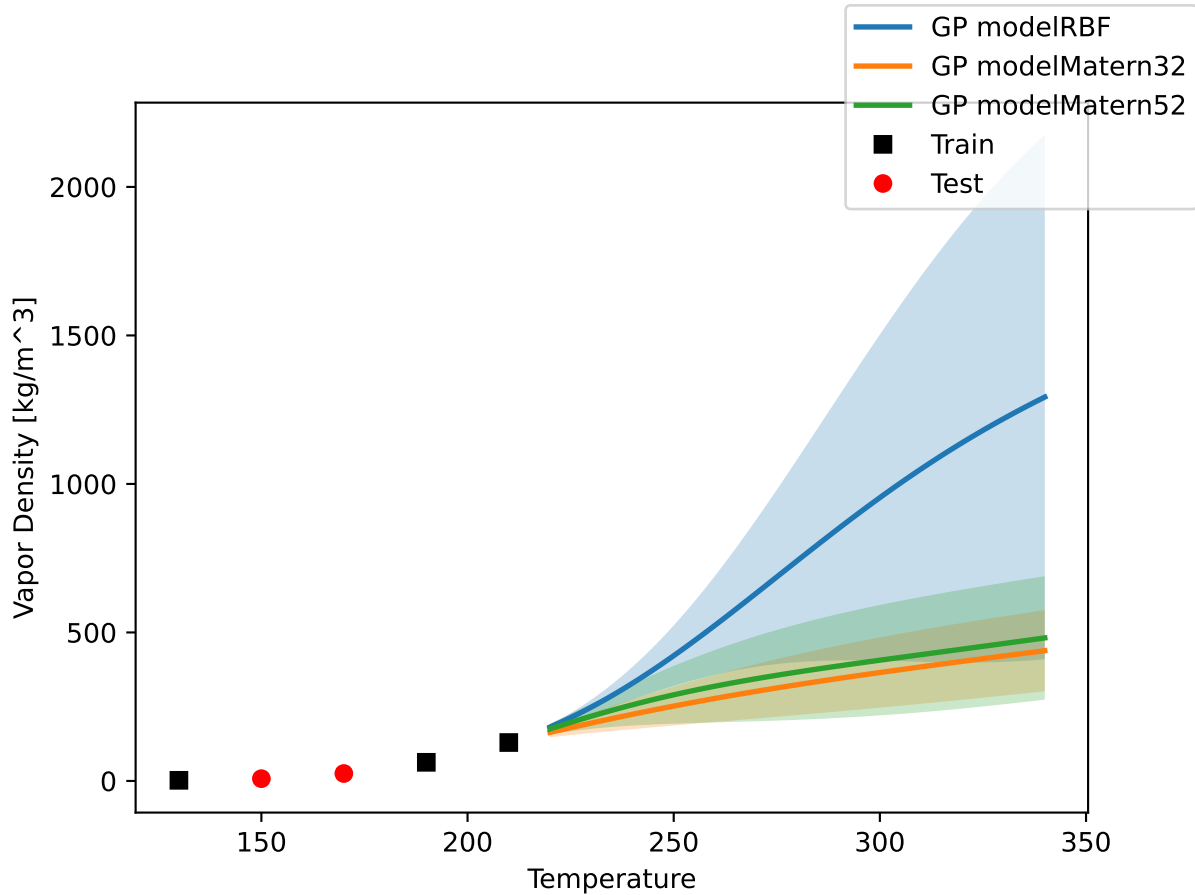


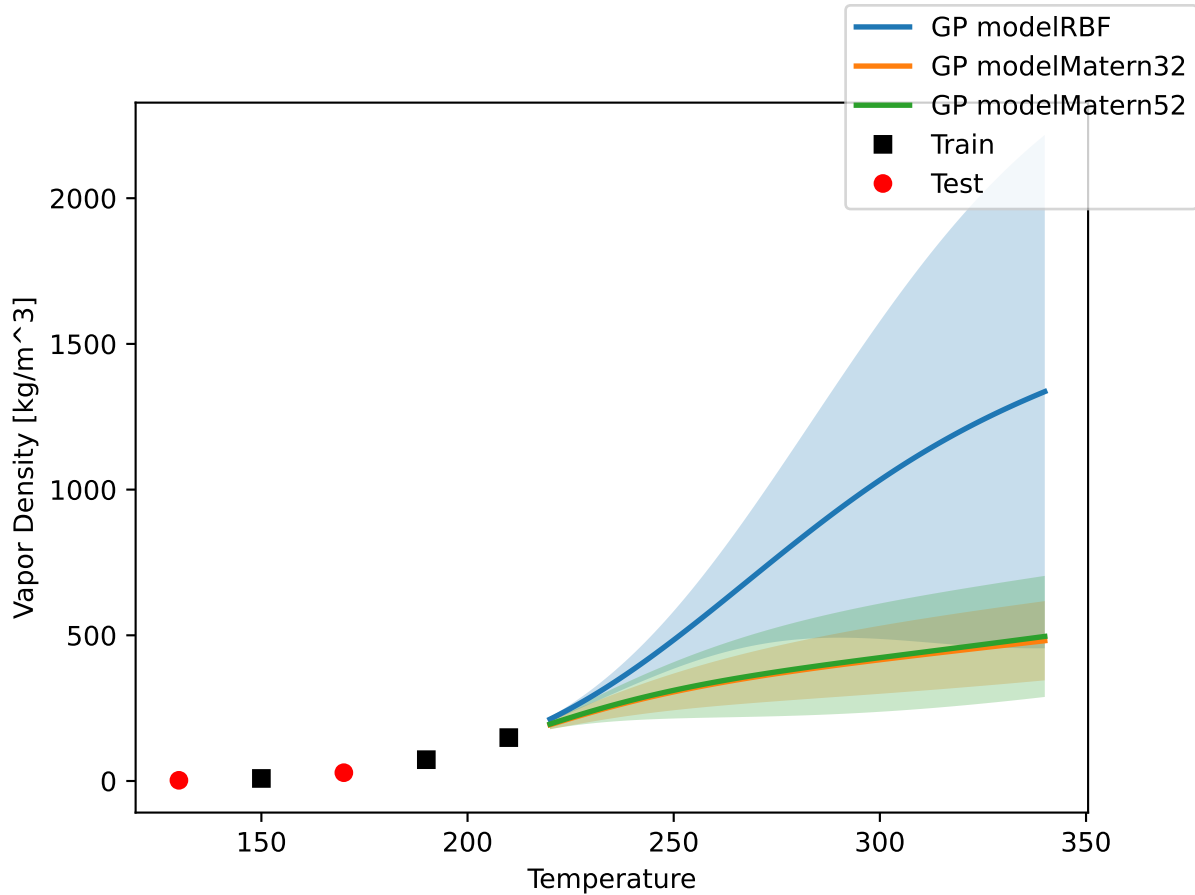


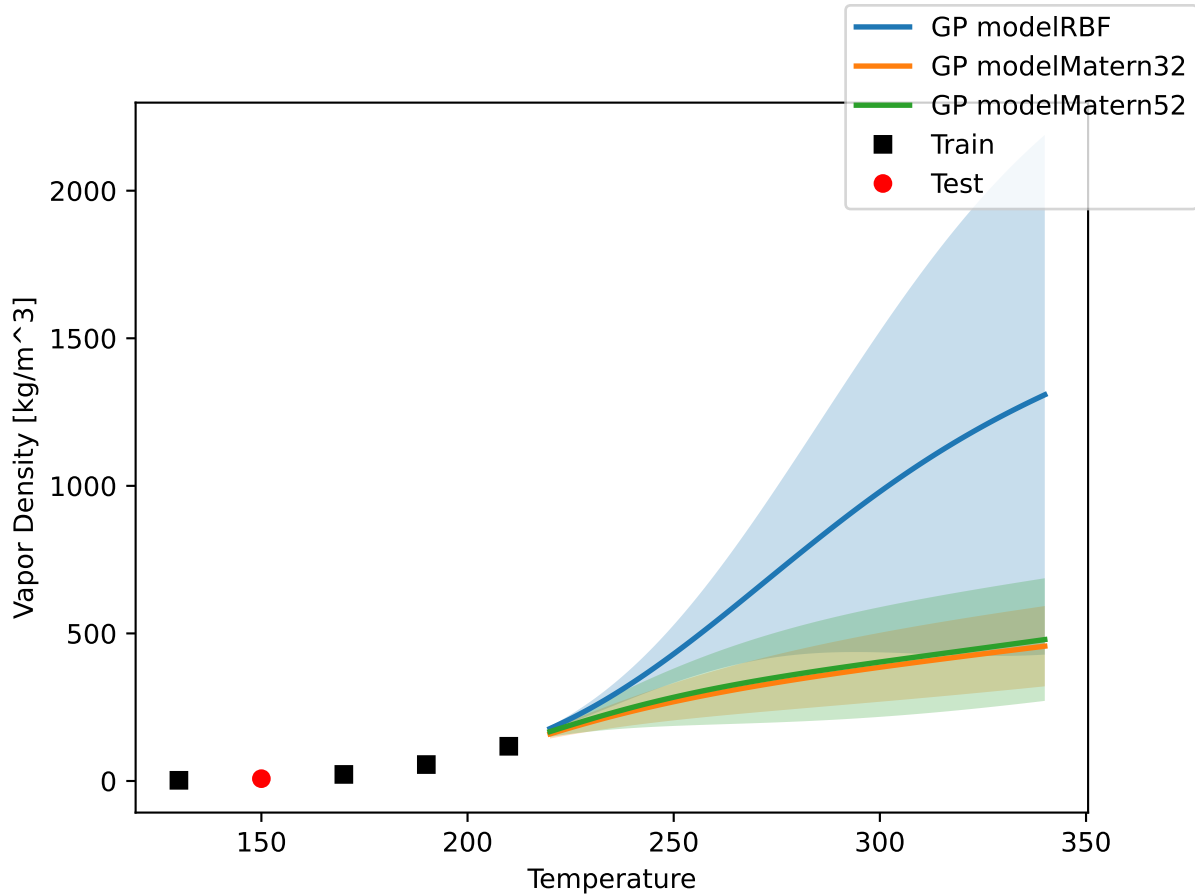


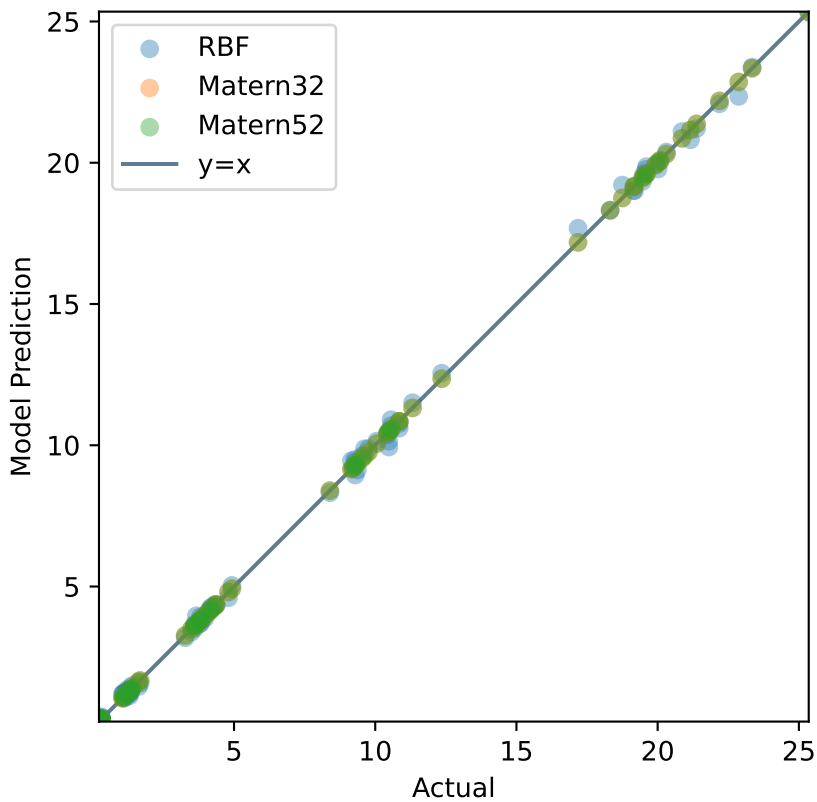


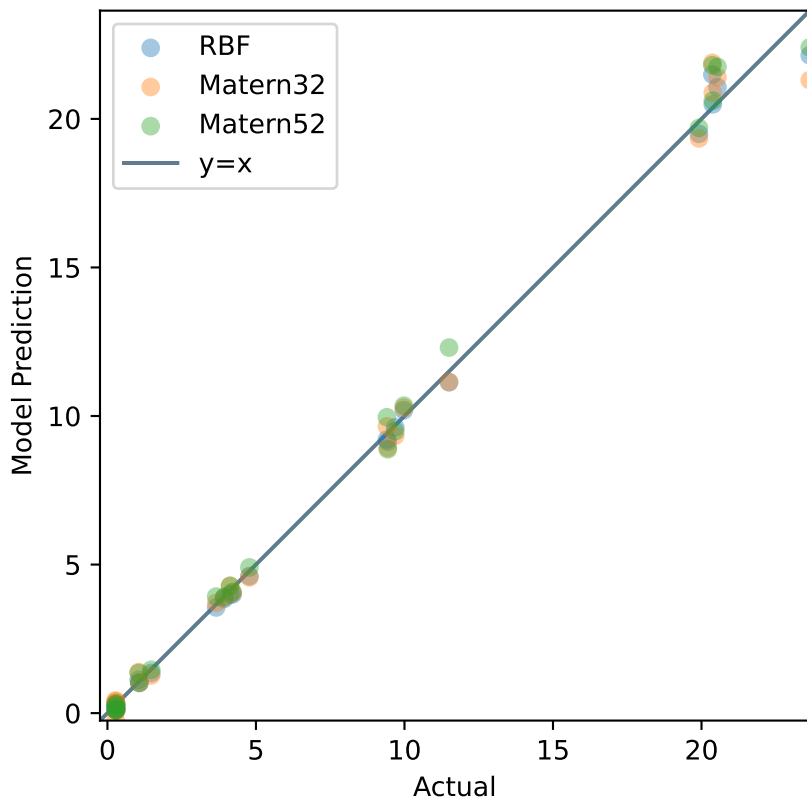




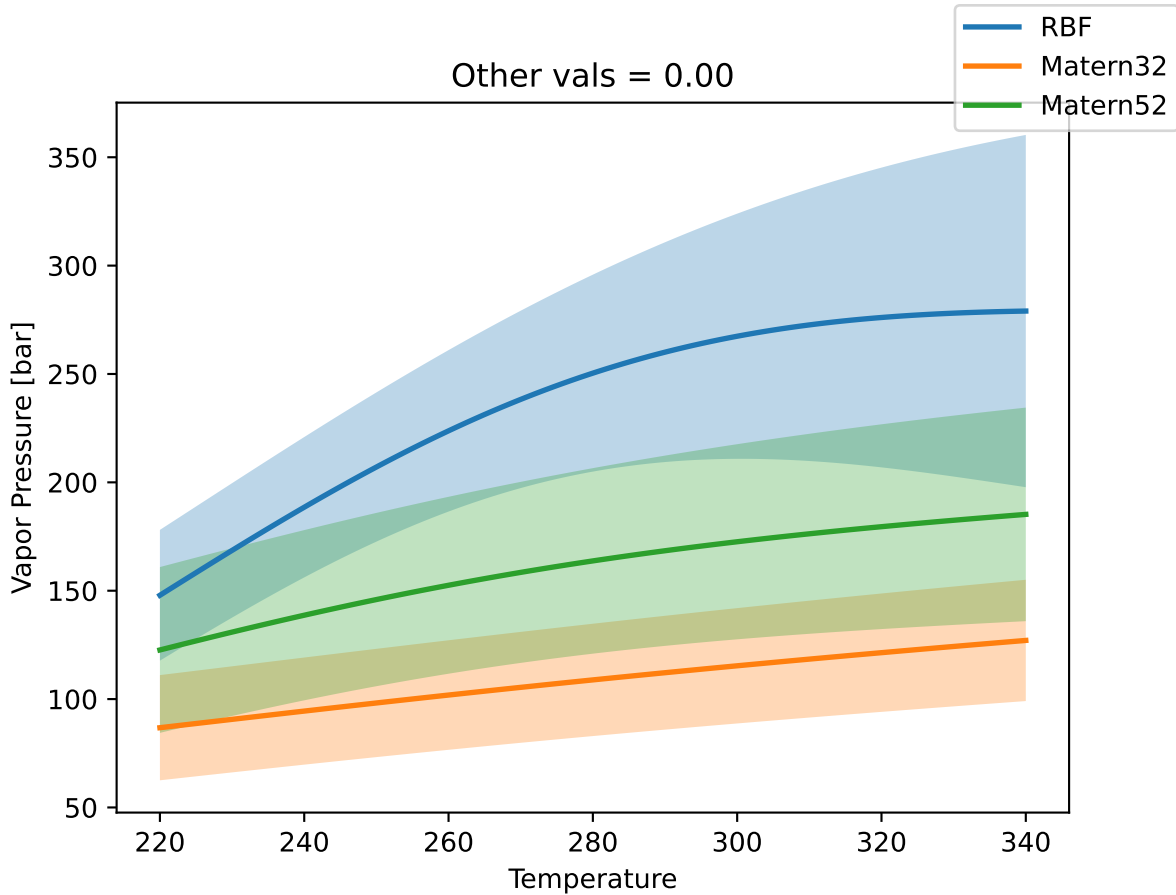




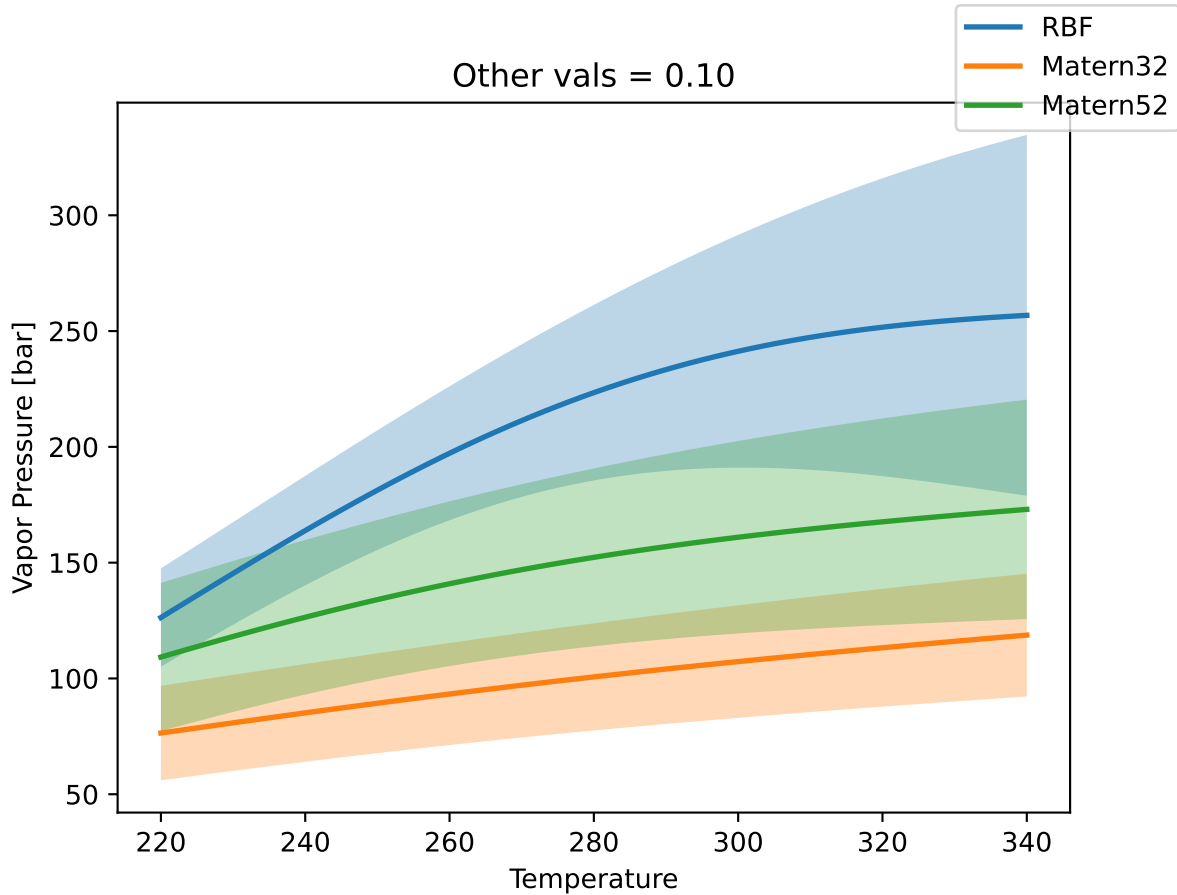




Other vals = 0.00

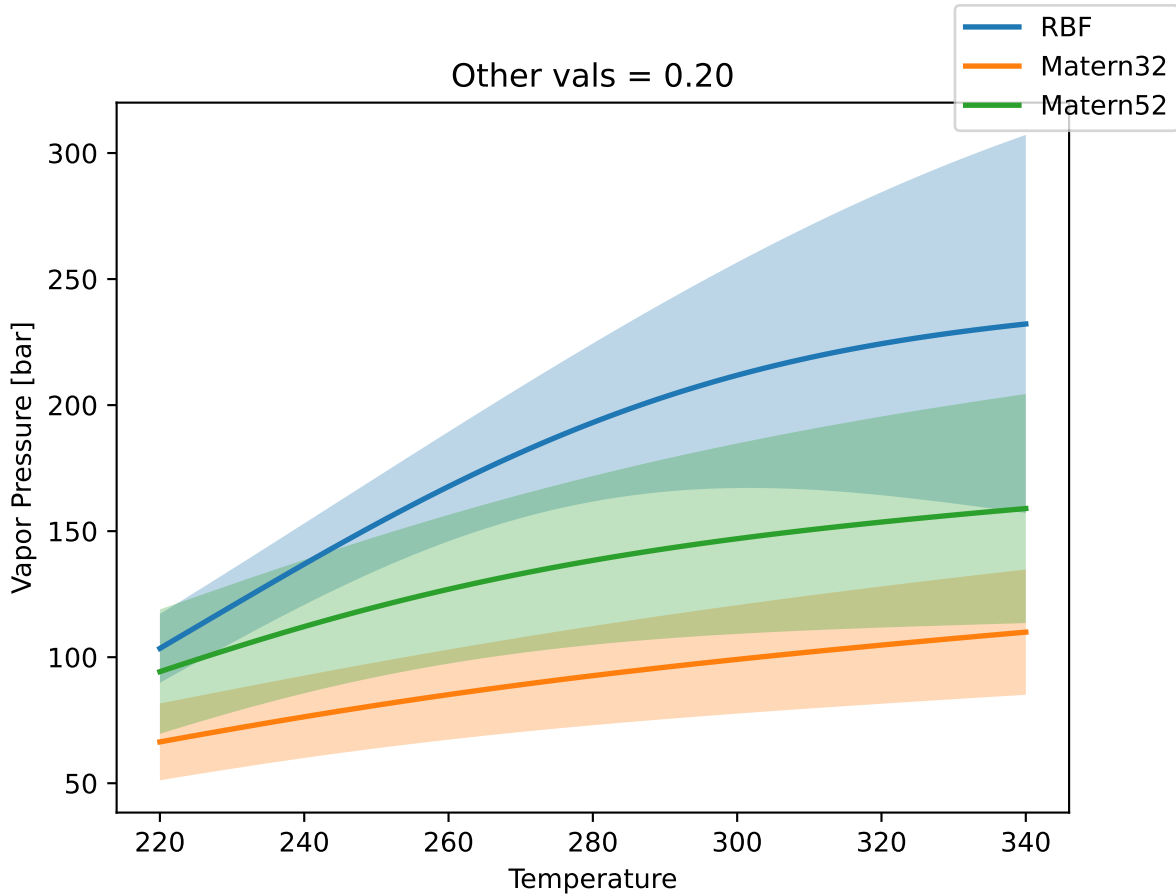


Other vals = 0.10

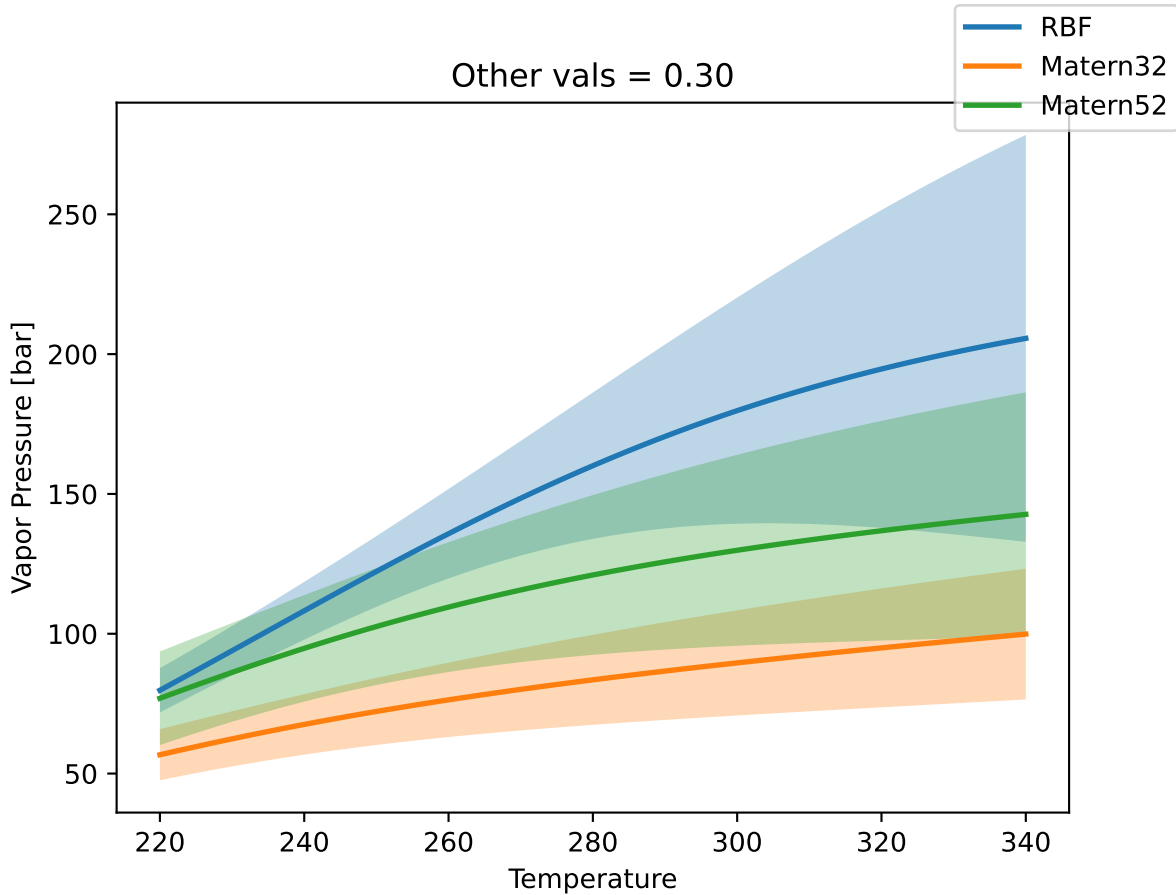




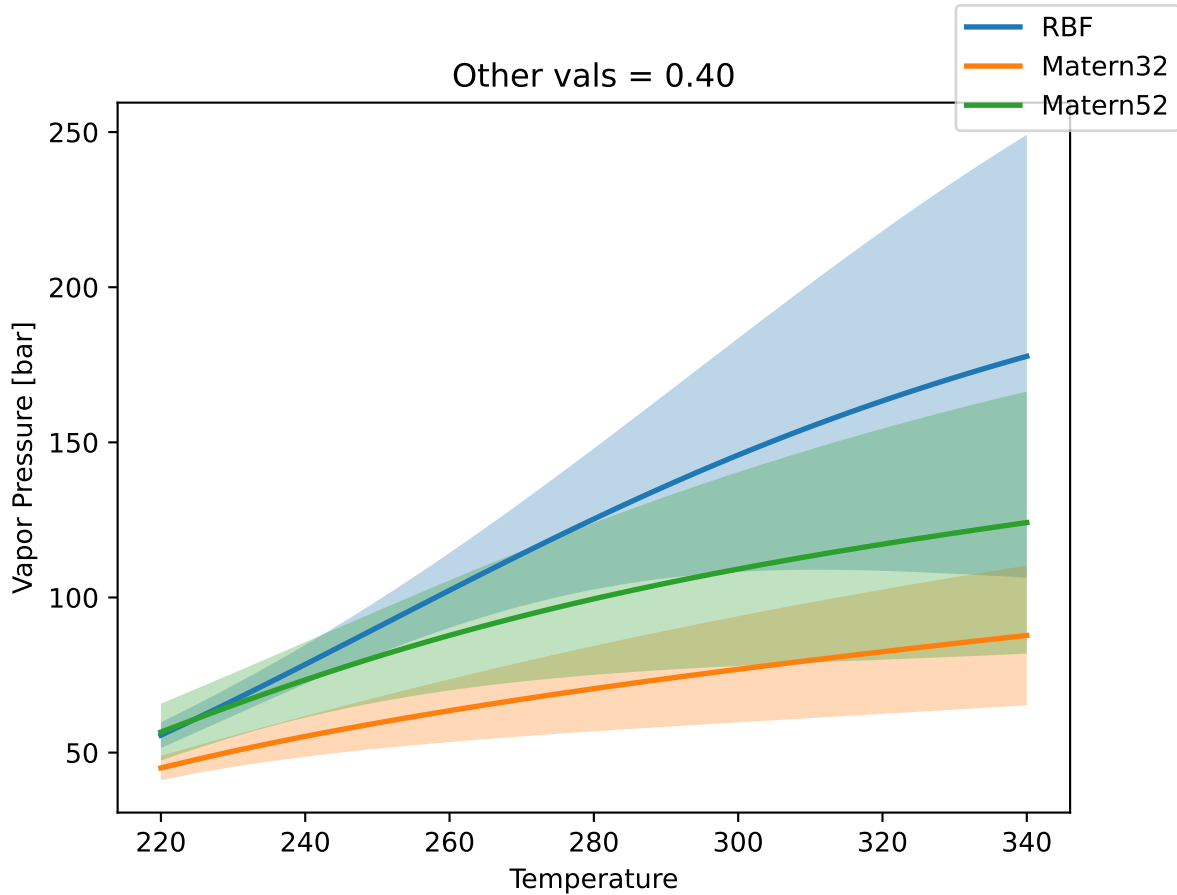
Other vals = 0.20



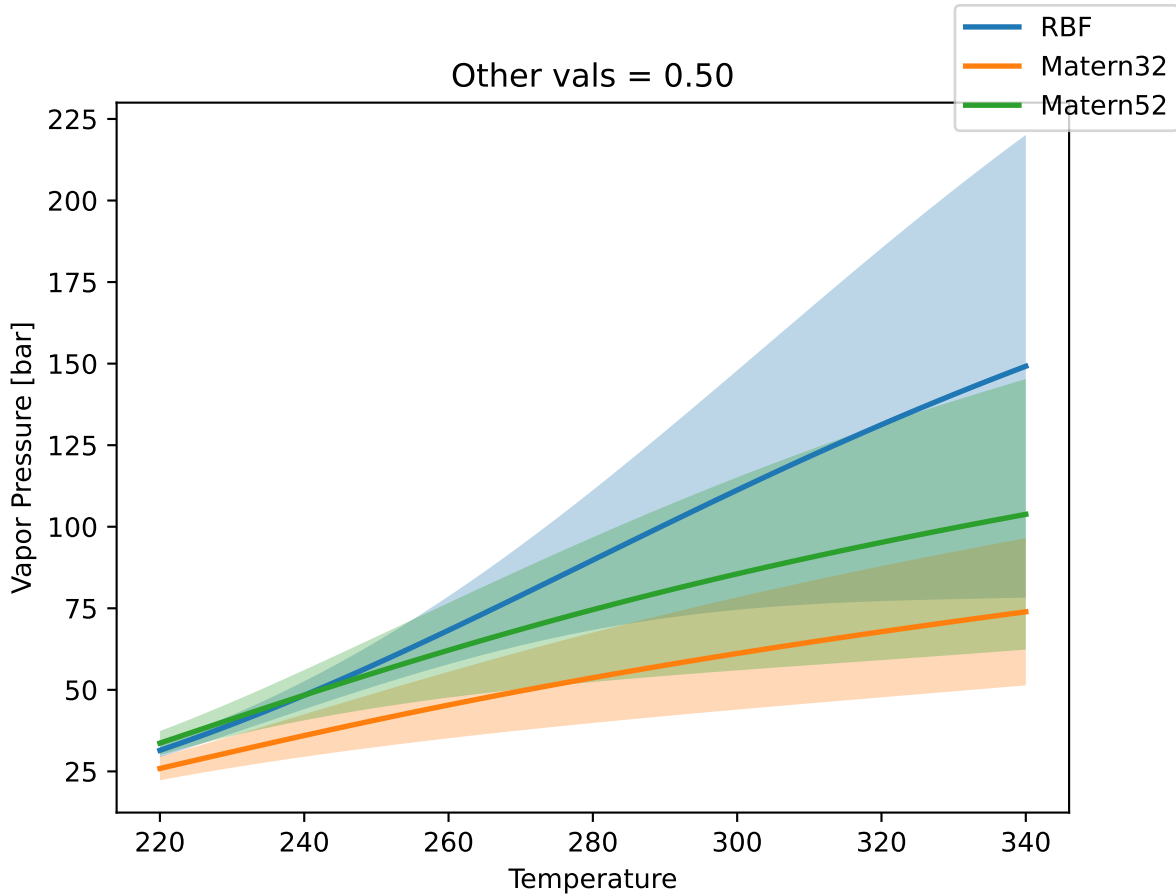
Other vals = 0.30



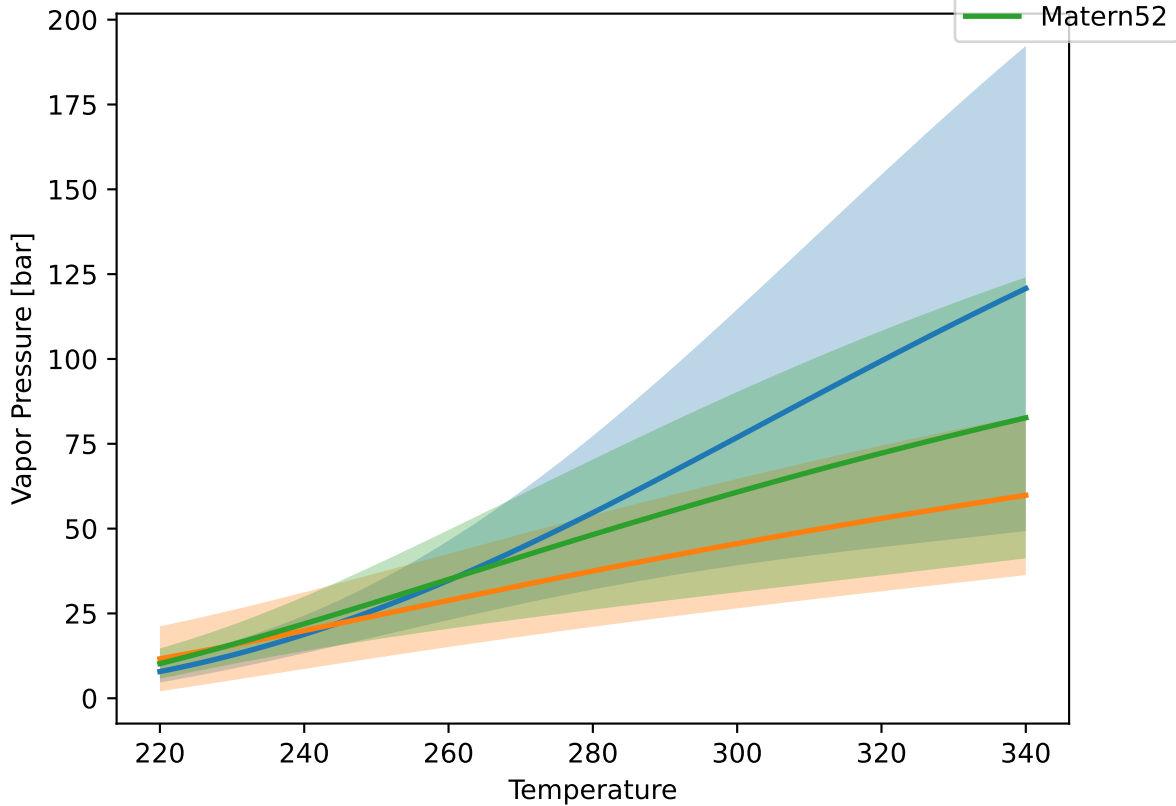
Other vals = 0.40



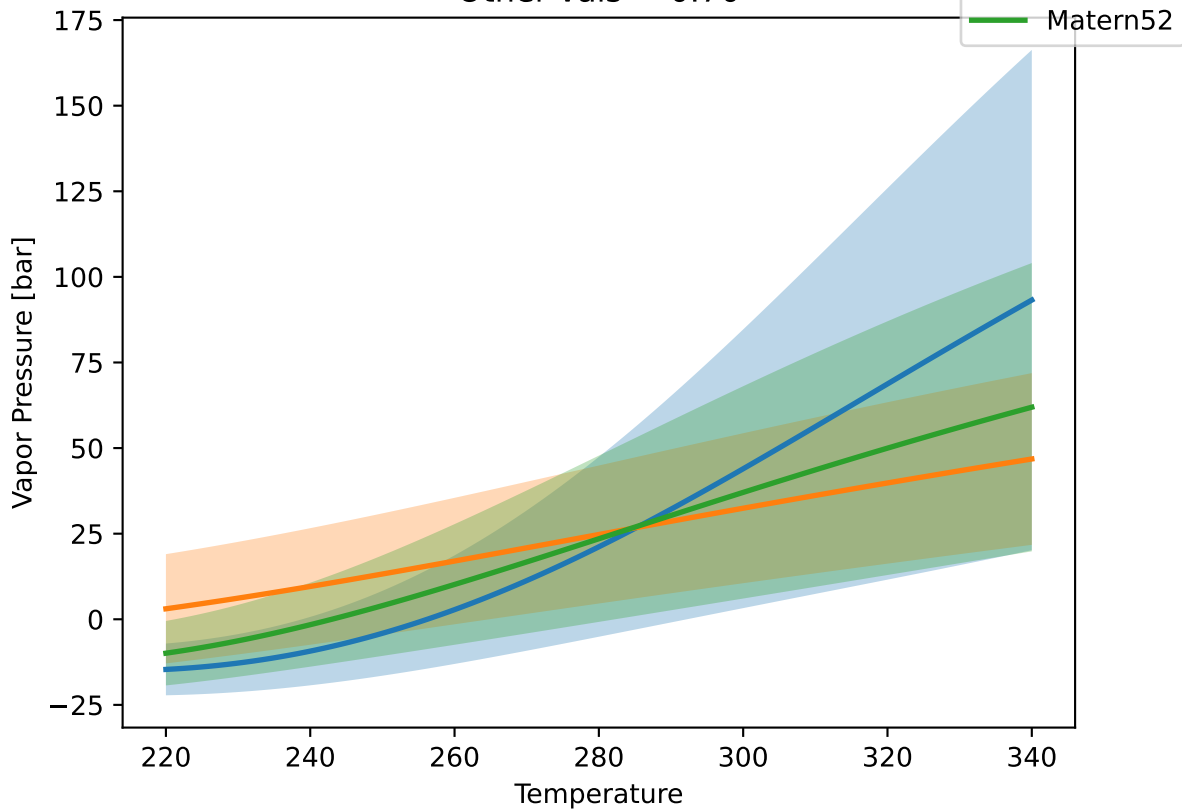
Other vals = 0.50



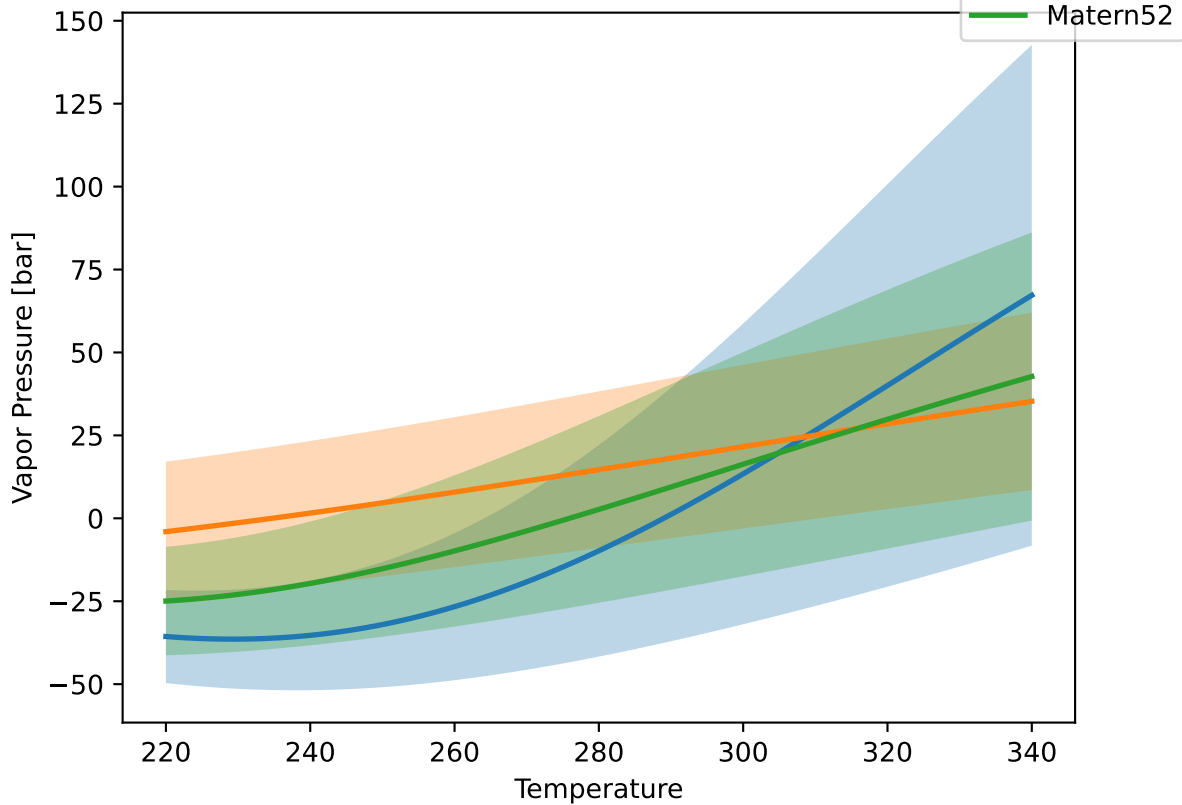
Other vals = 0.60



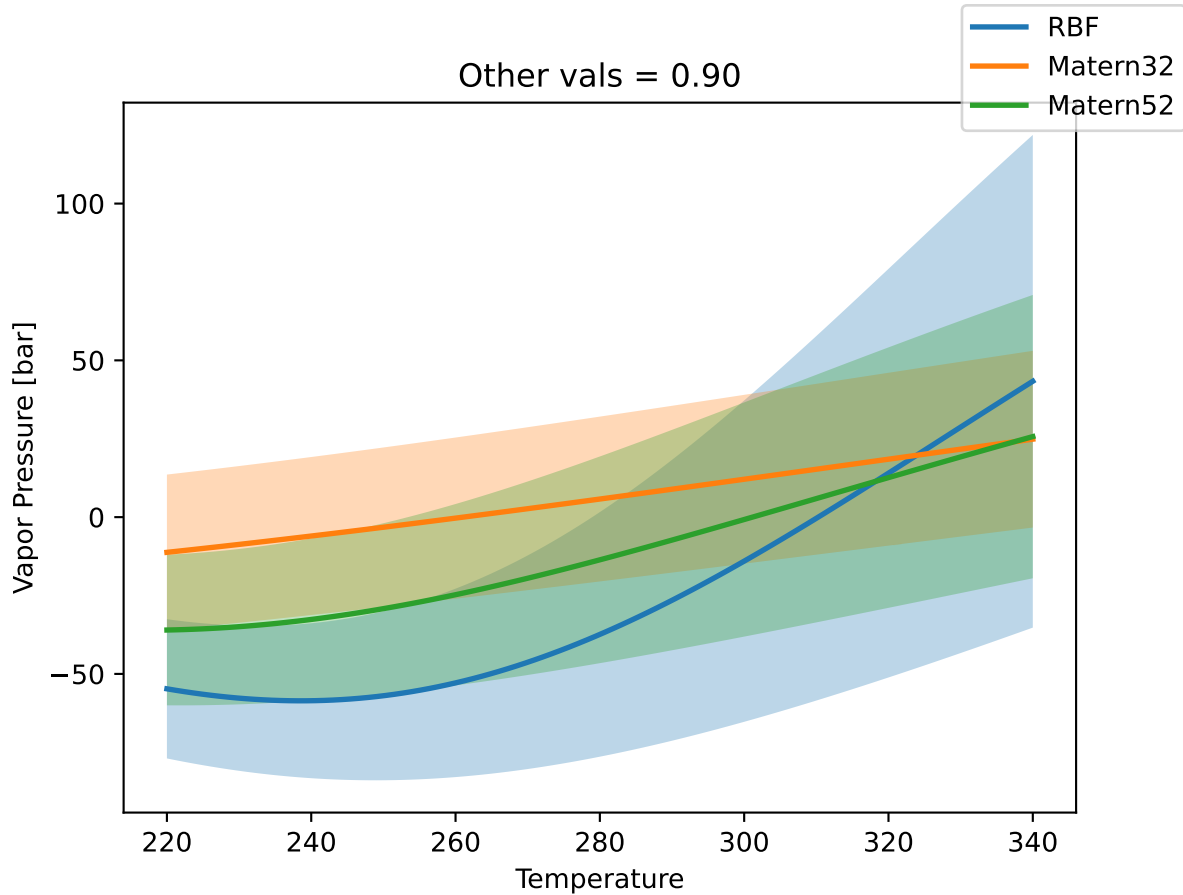
Other vals = 0.70



Other vals = 0.80

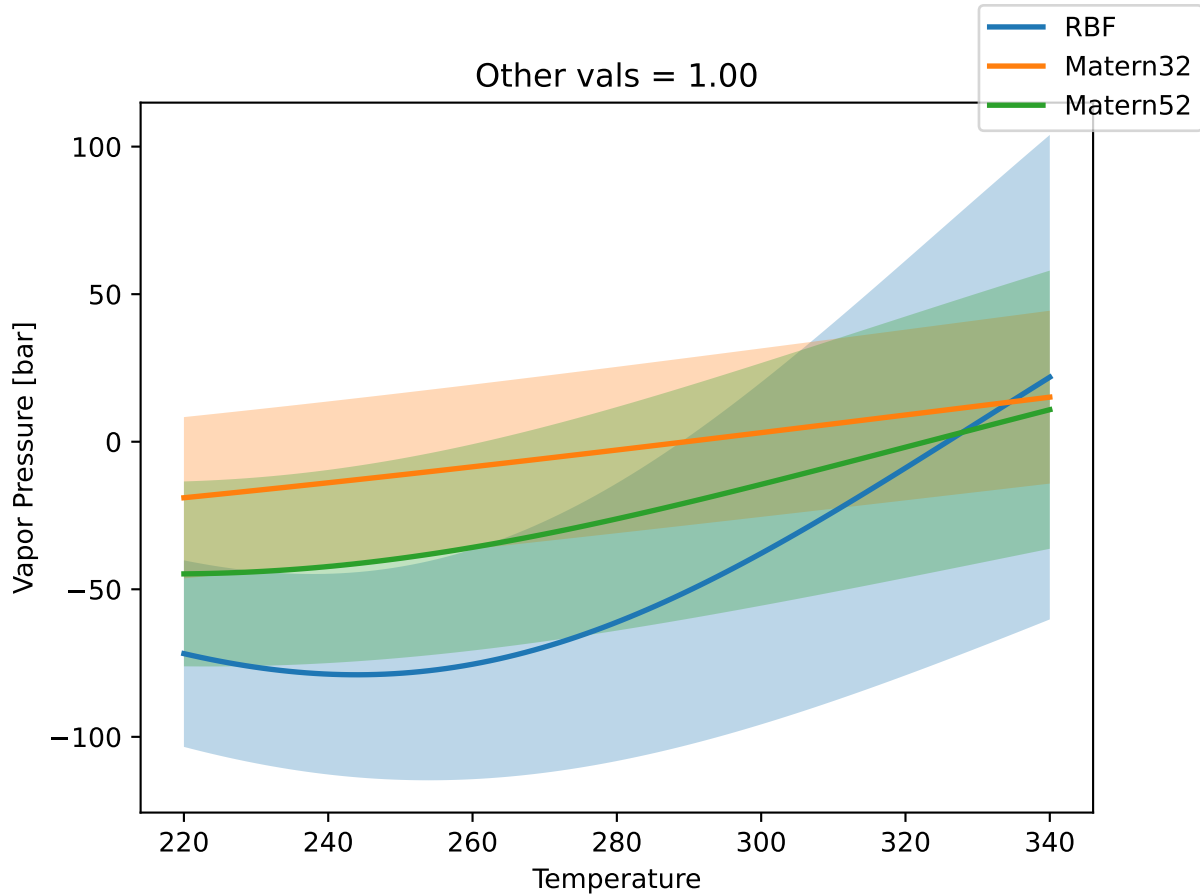


Other vals = 0.90

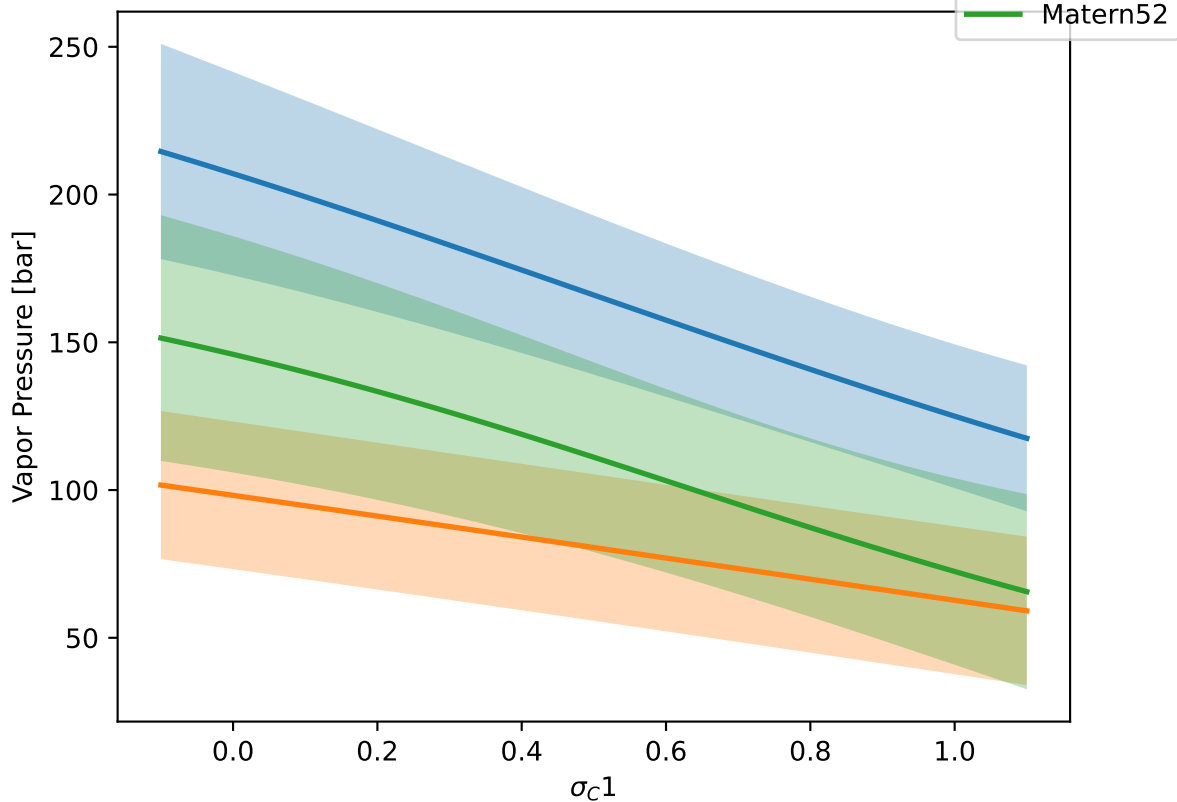




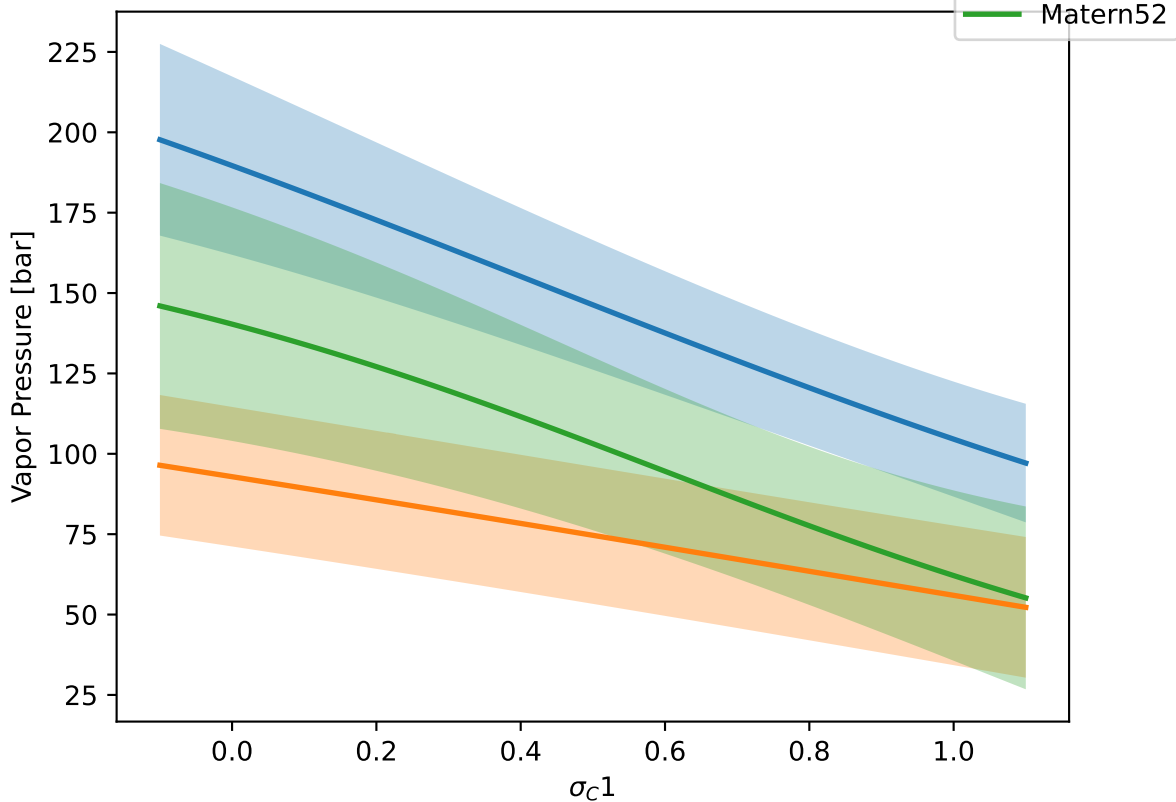
Other vals = 1.00



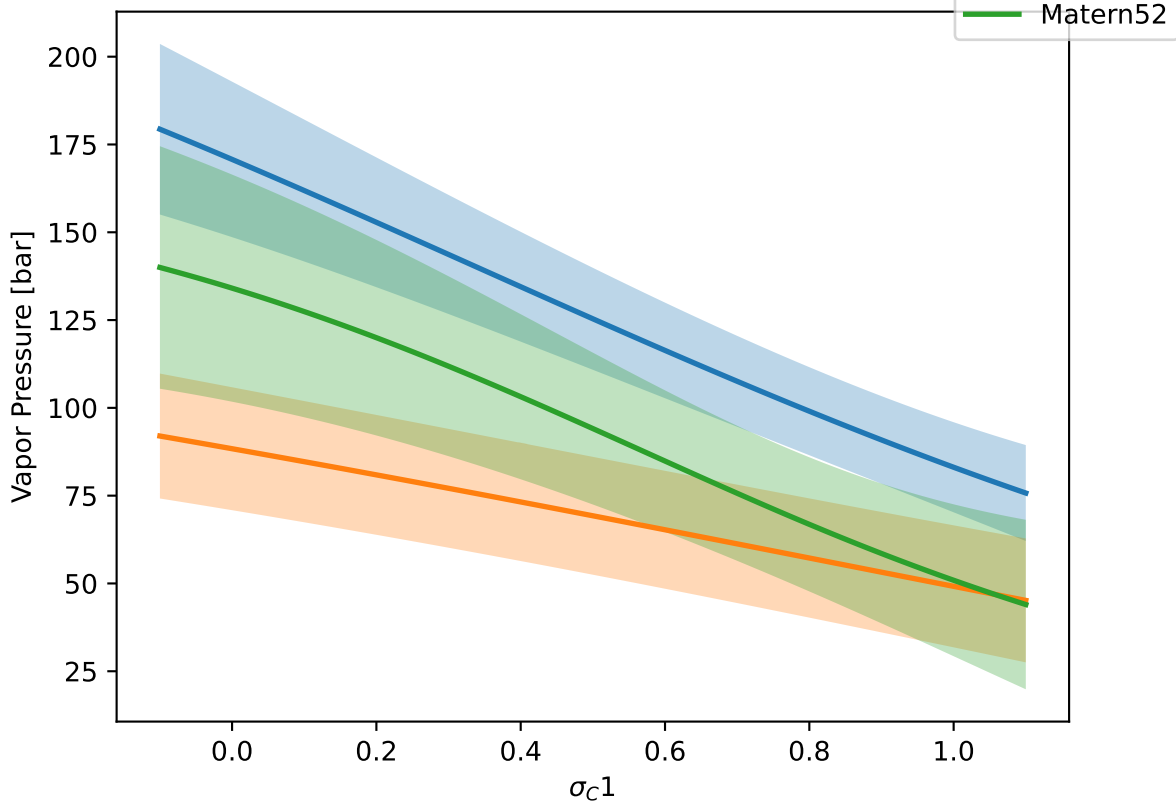
$\sigma_C1$  at T = 250 K. Other vals = 0.00.



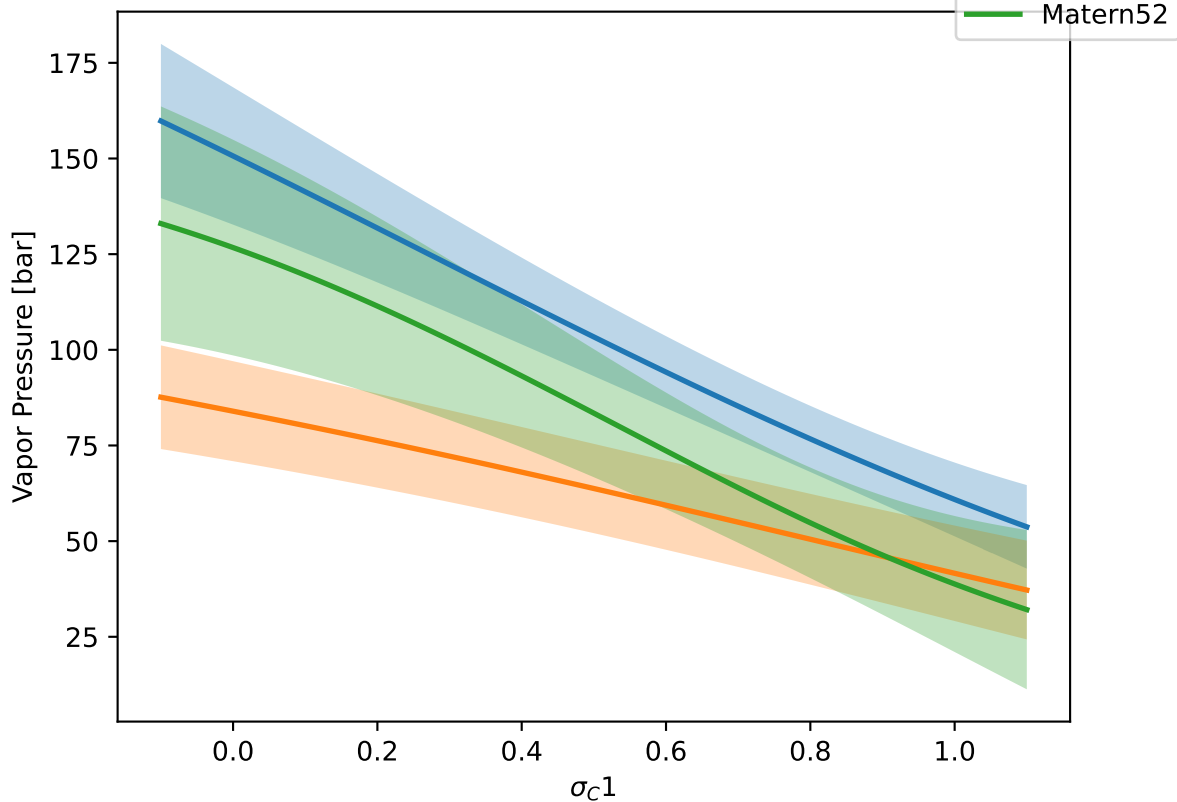
$\sigma_{C1}$  at T = 250 K. Other vals = 0.10.



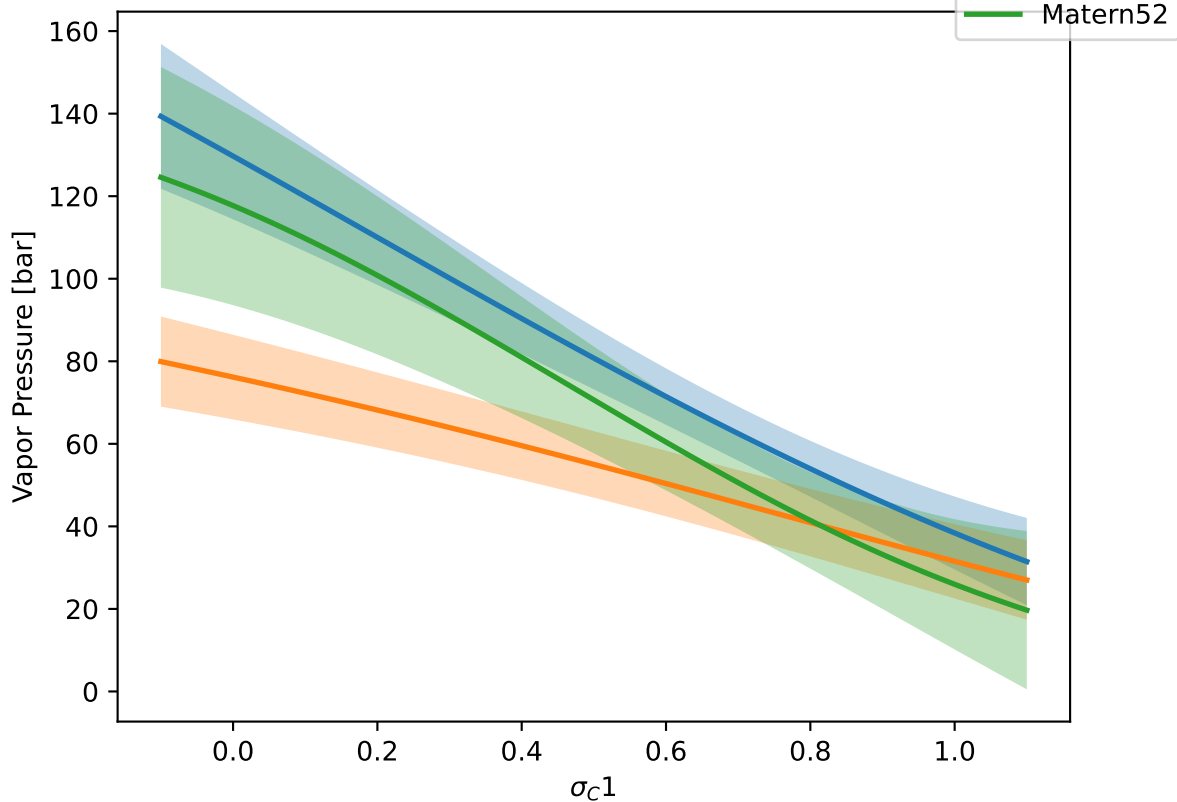
$\sigma_{C1}$  at T = 250 K. Other vals = 0.20.



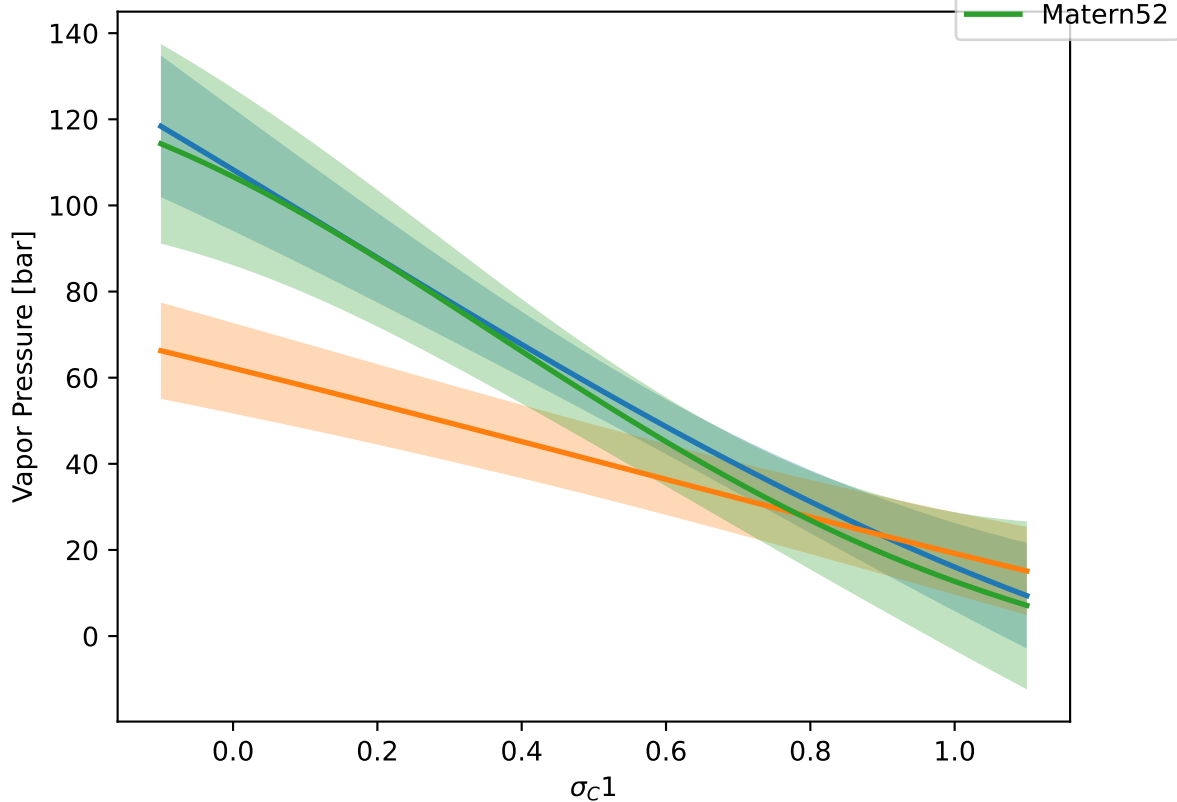
$\sigma_{C1}$  at T = 250 K. Other vals = 0.30.



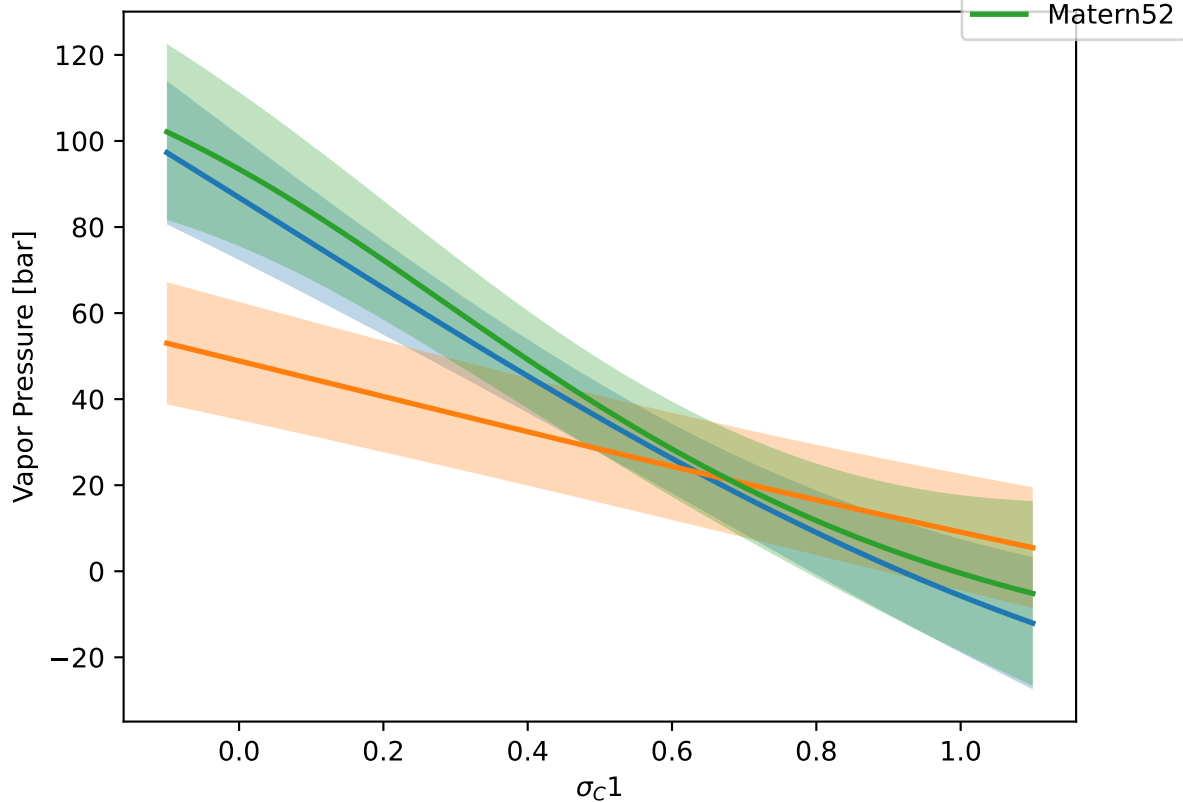
$\sigma_C1$  at T = 250 K. Other vals = 0.40.



$\sigma_C1$  at T = 250 K. Other vals = 0.50.

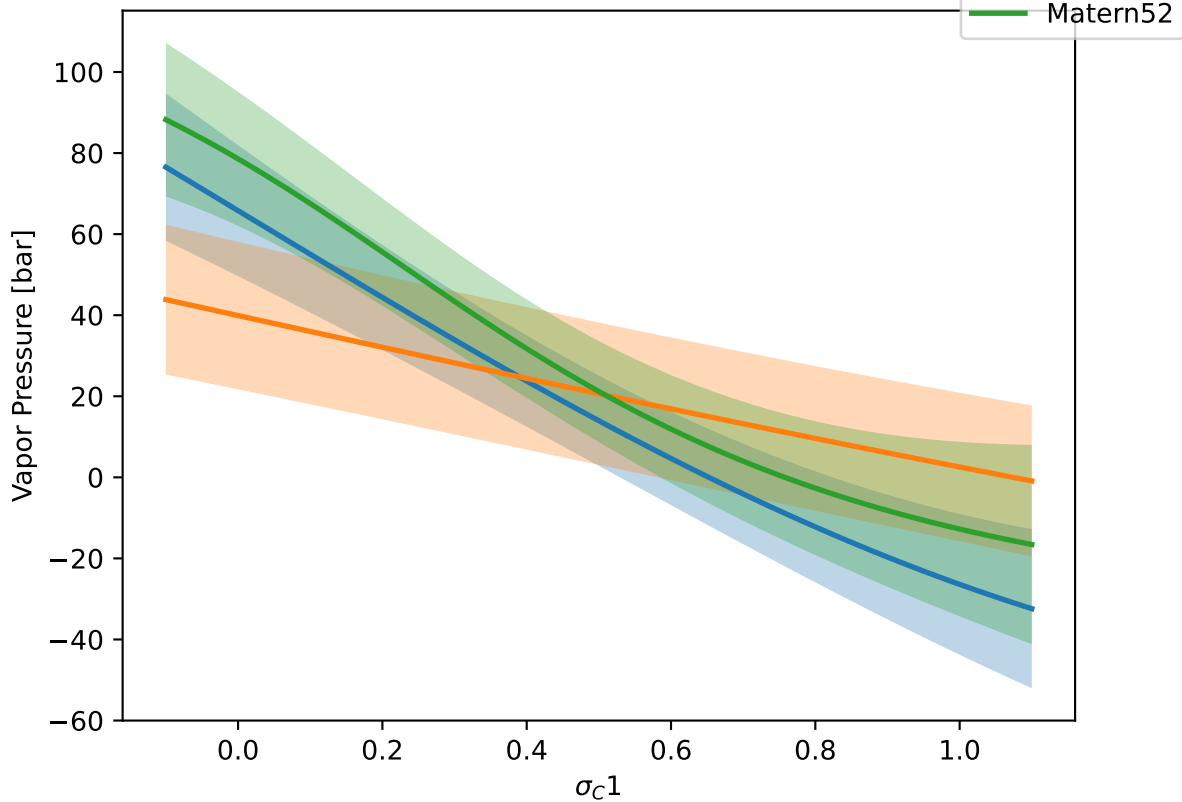


$\sigma_{C1}$  at T = 250 K. Other vals = 0.60.

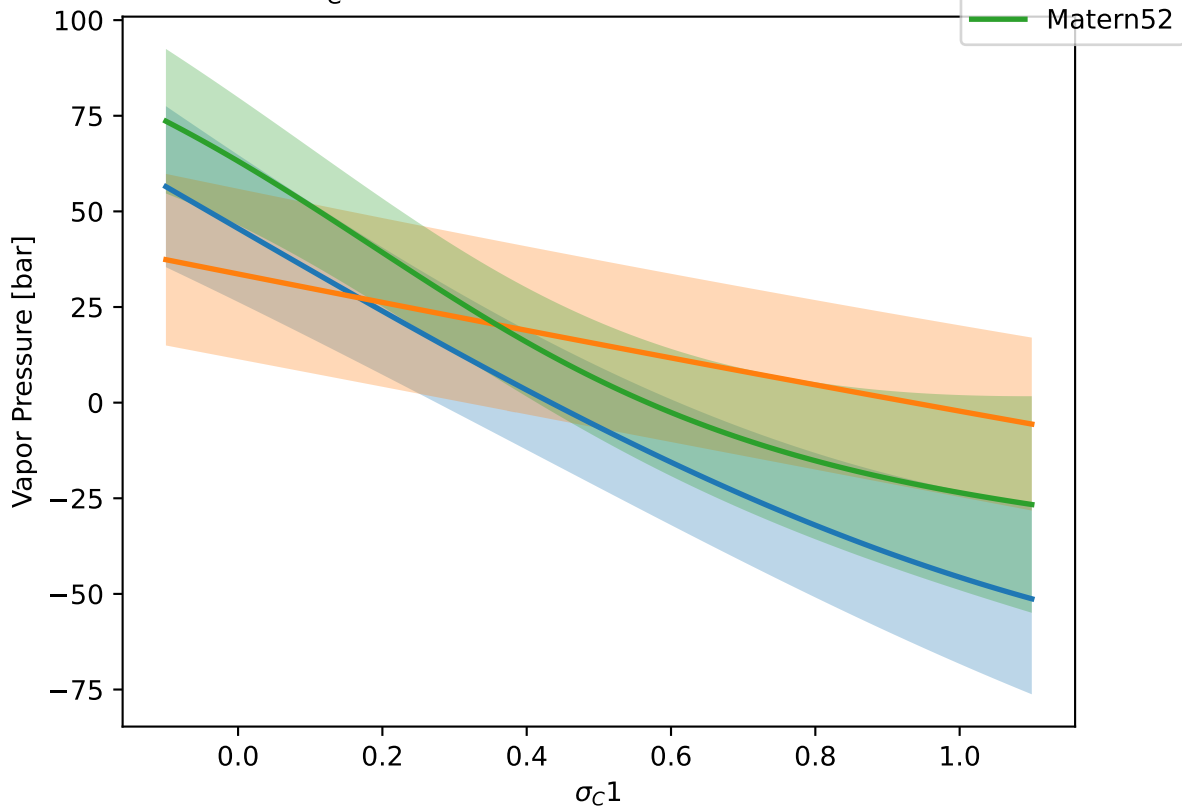




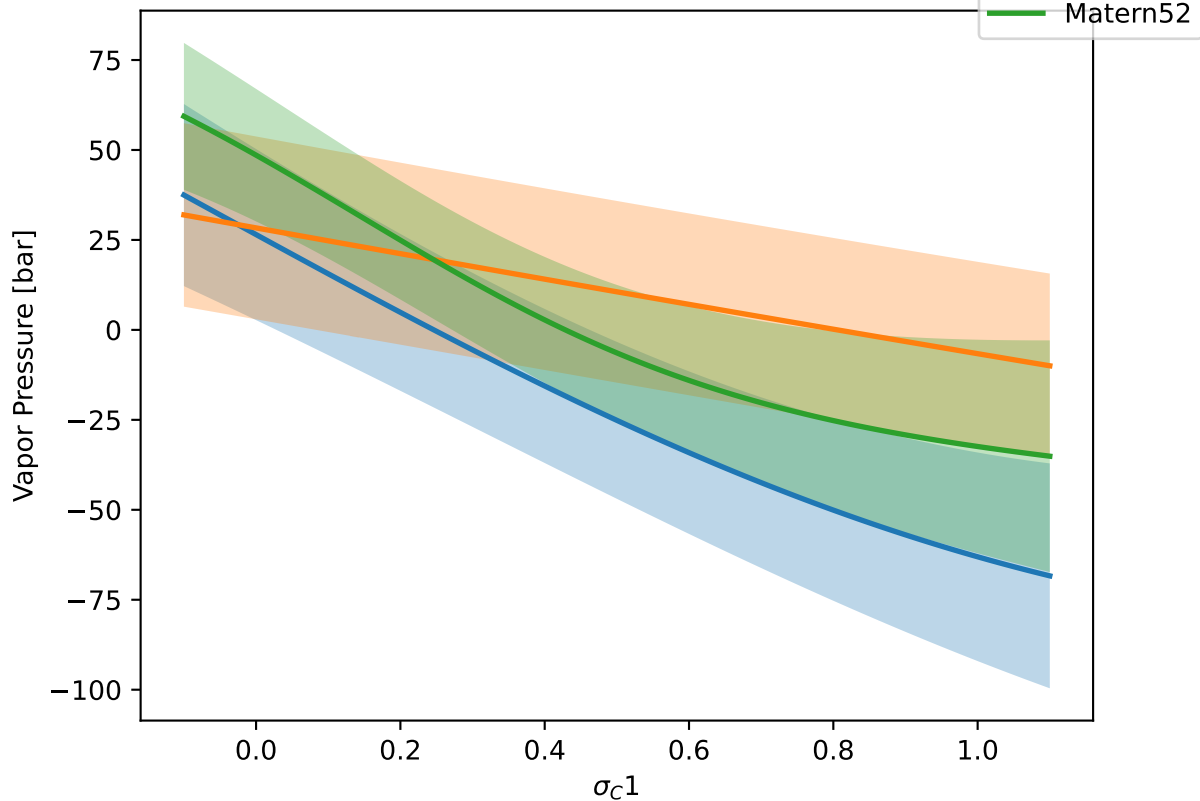
$\sigma_{C1}$  at T = 250 K. Other vals = 0.70.

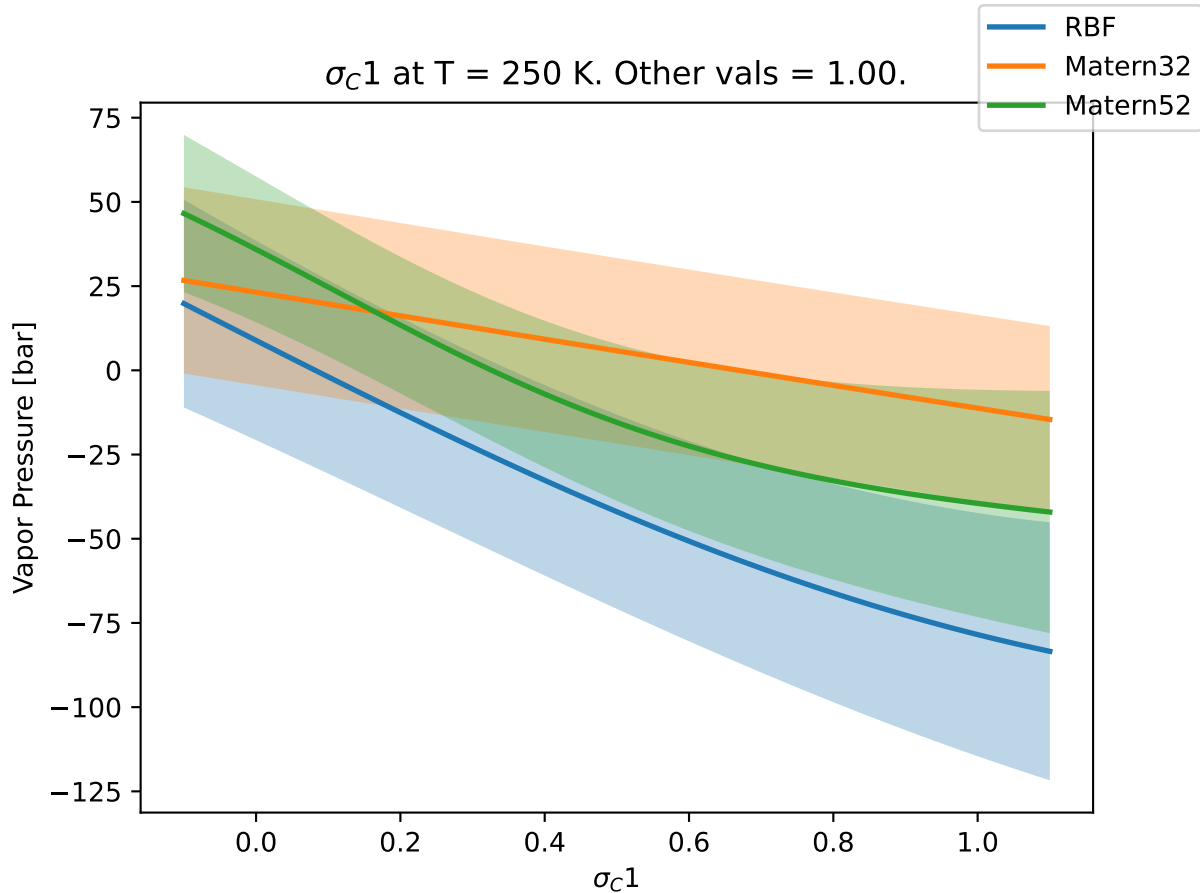


$\sigma_{C1}$  at T = 250 K. Other vals = 0.80.

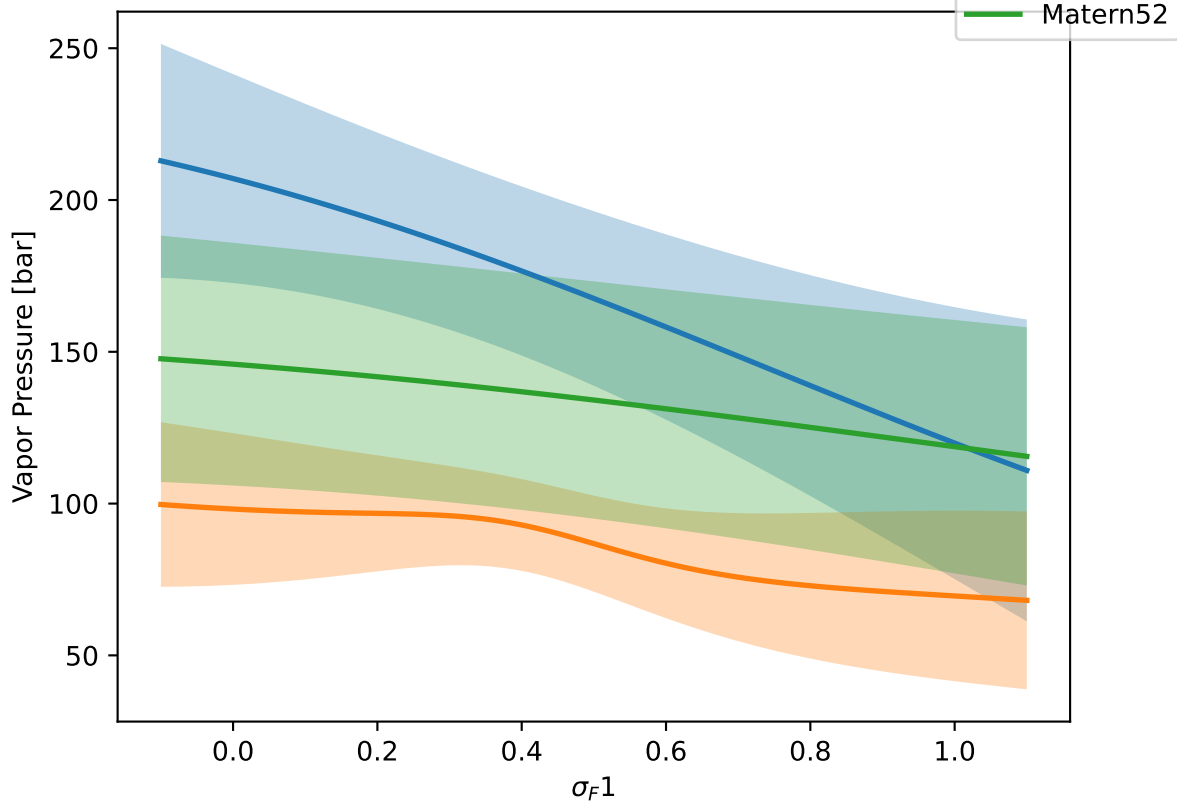


$\sigma_{C1}$  at T = 250 K. Other vals = 0.90.

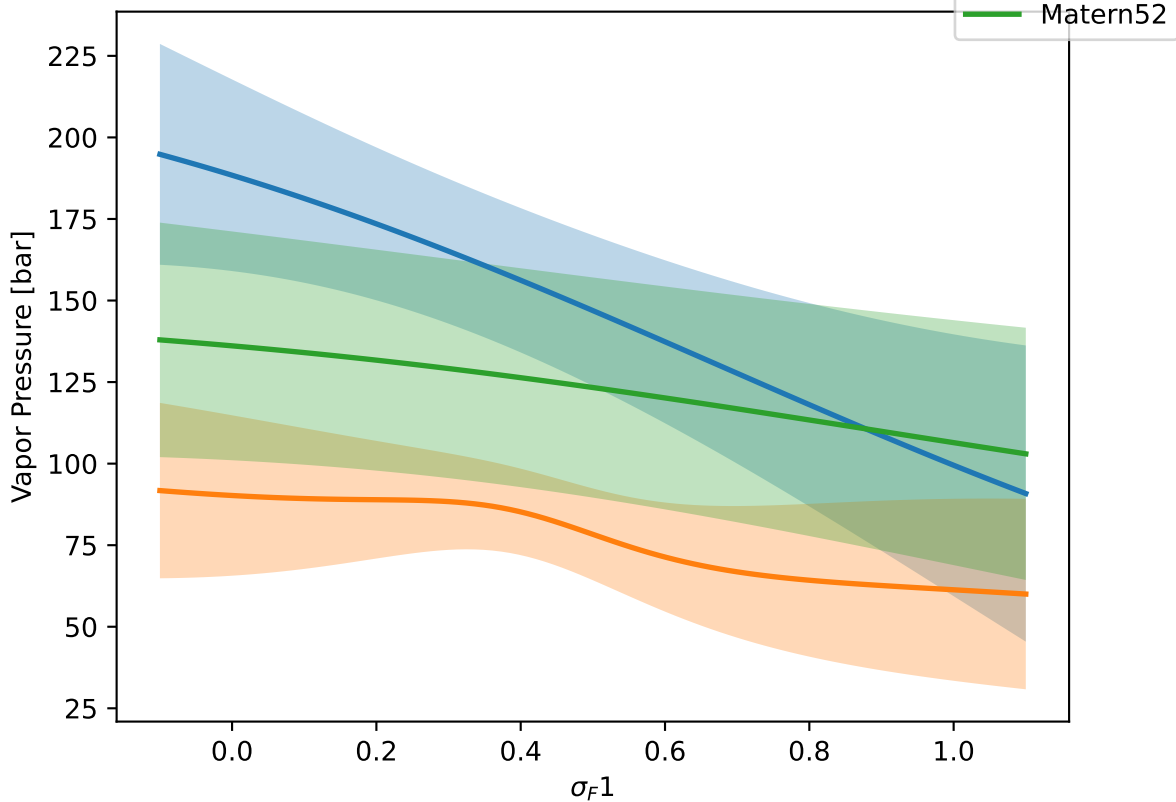




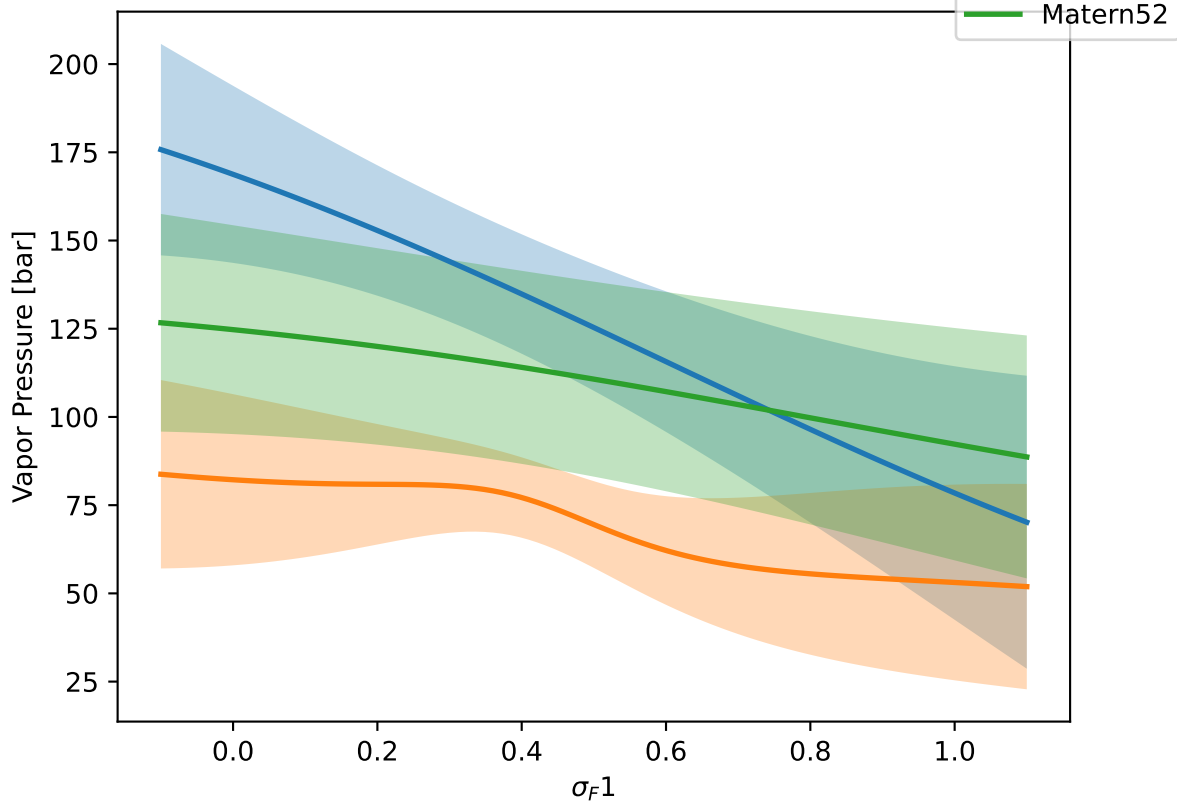
$\sigma_F1$  at T = 250 K. Other vals = 0.00.



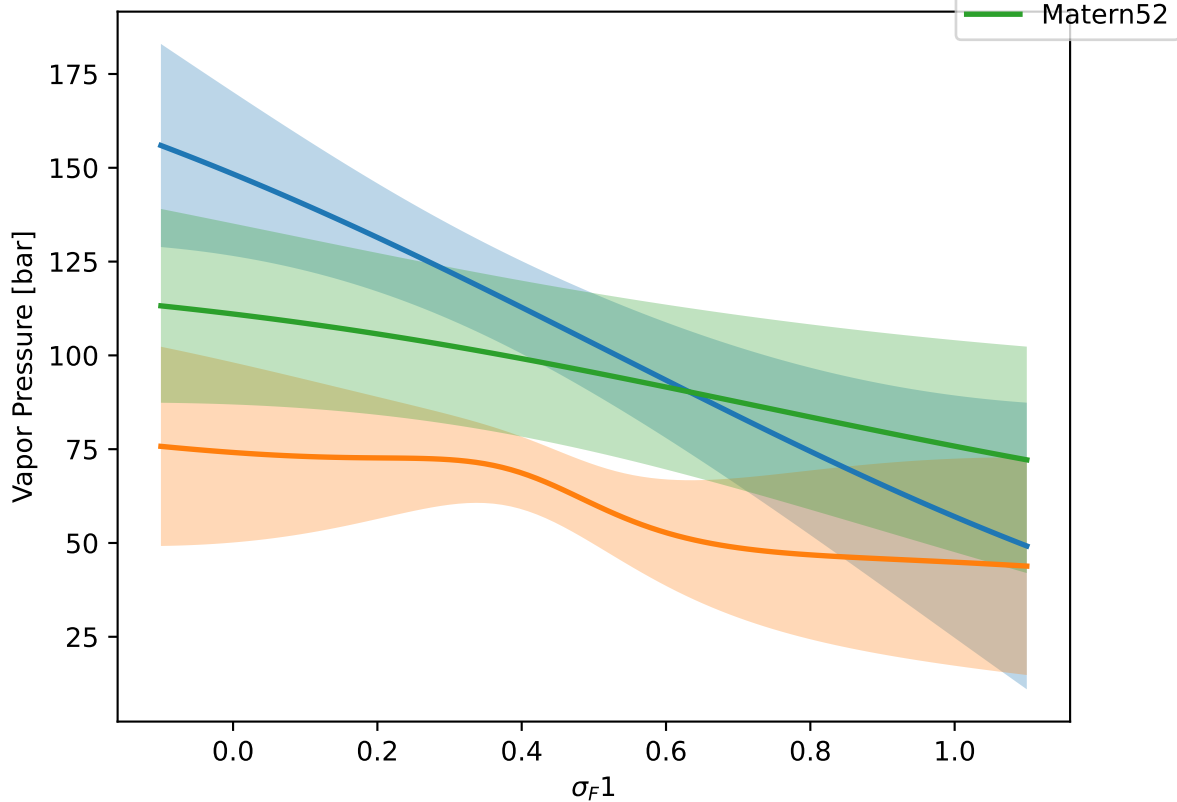
$\sigma_F1$  at T = 250 K. Other vals = 0.10.



$\sigma_F1$  at T = 250 K. Other vals = 0.20.

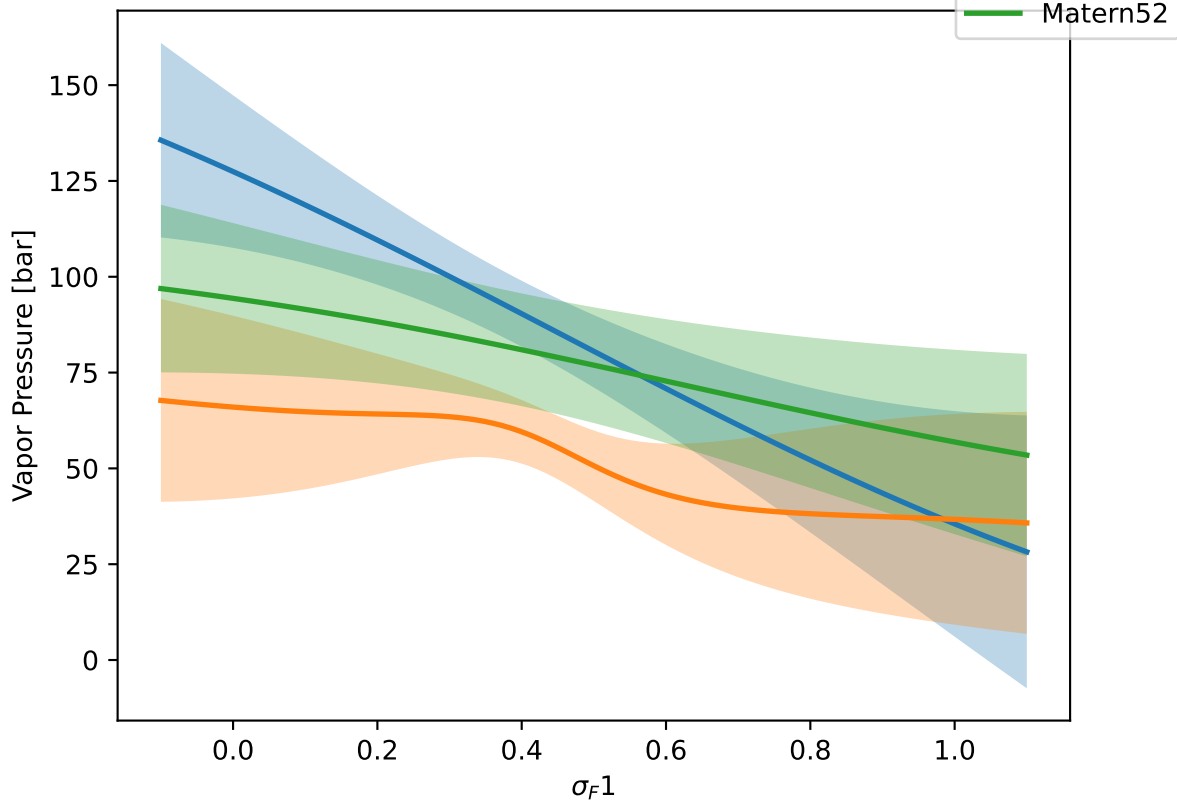


$\sigma_F1$  at T = 250 K. Other vals = 0.30.

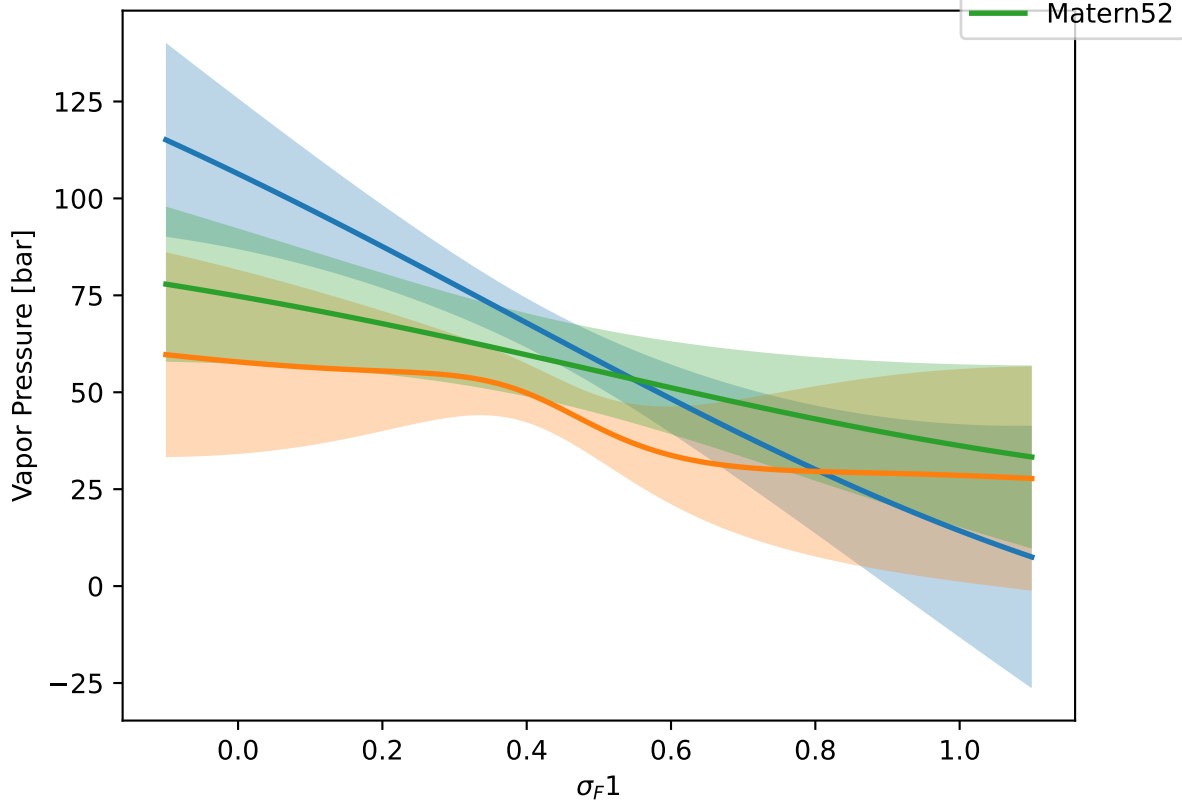




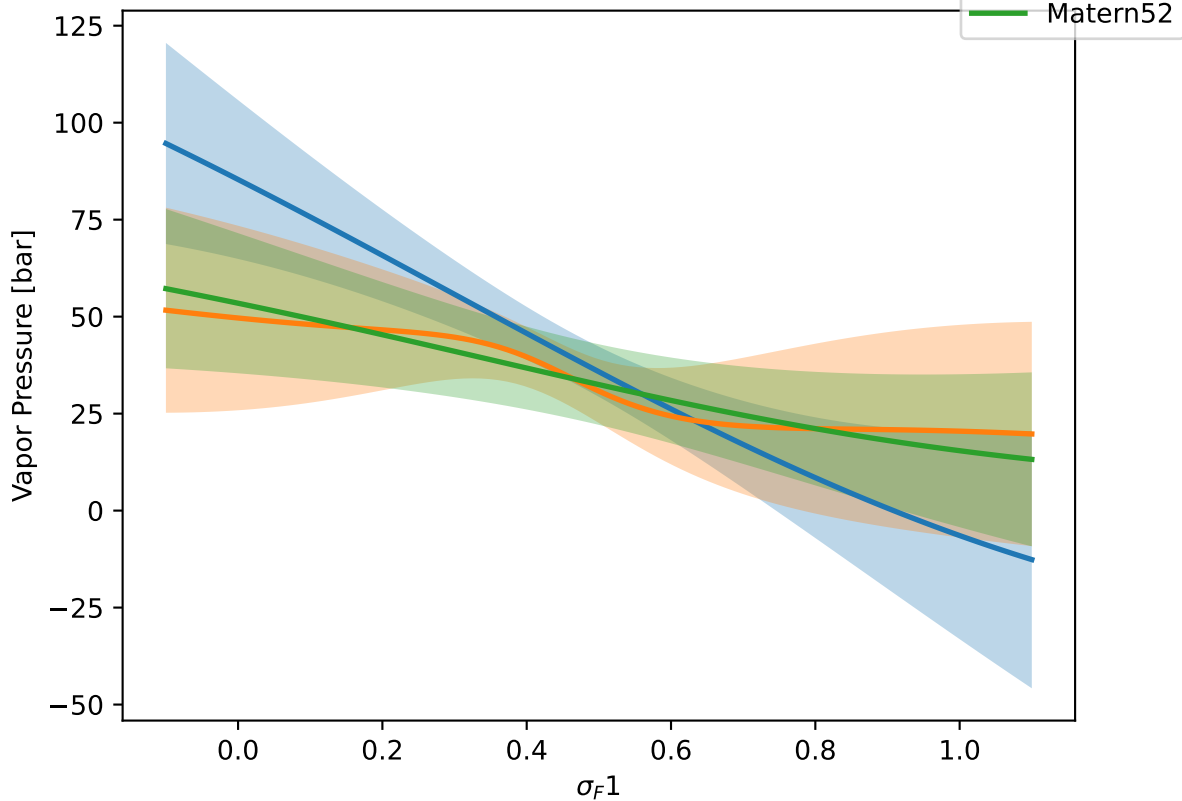
$\sigma_F1$  at T = 250 K. Other vals = 0.40.



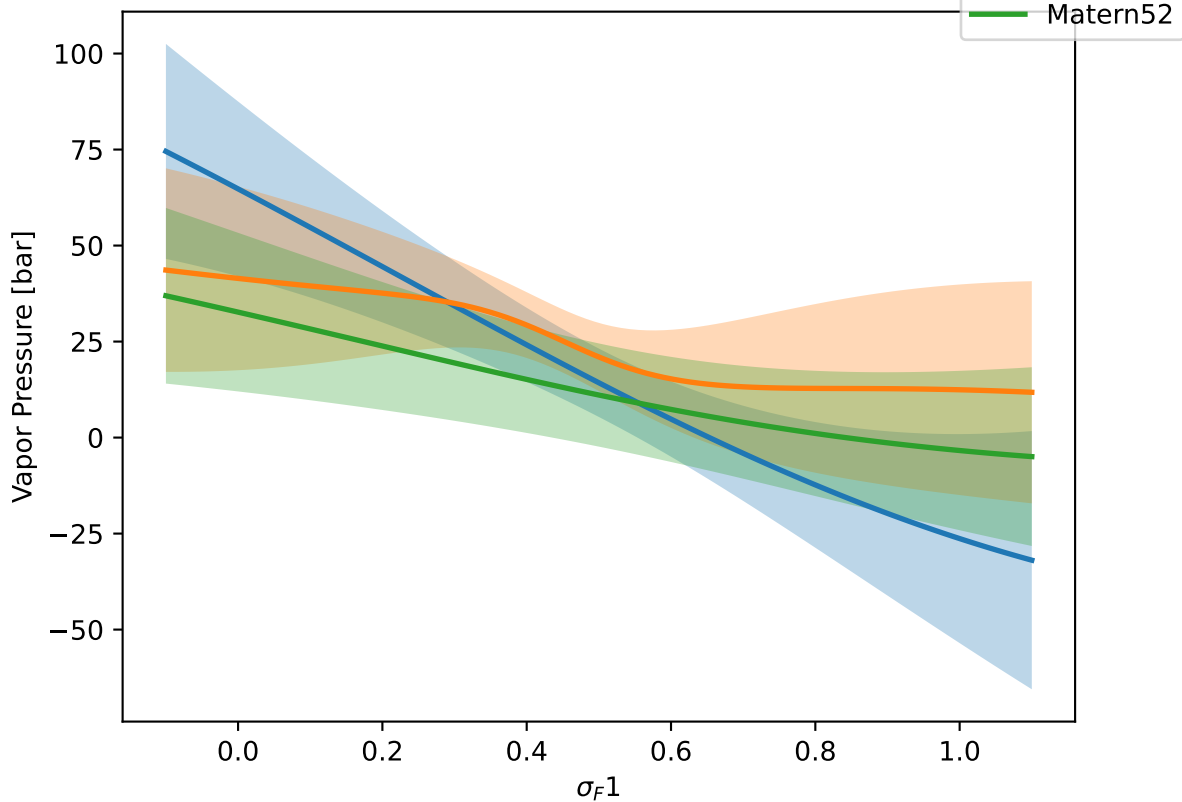
$\sigma_F1$  at T = 250 K. Other vals = 0.50.



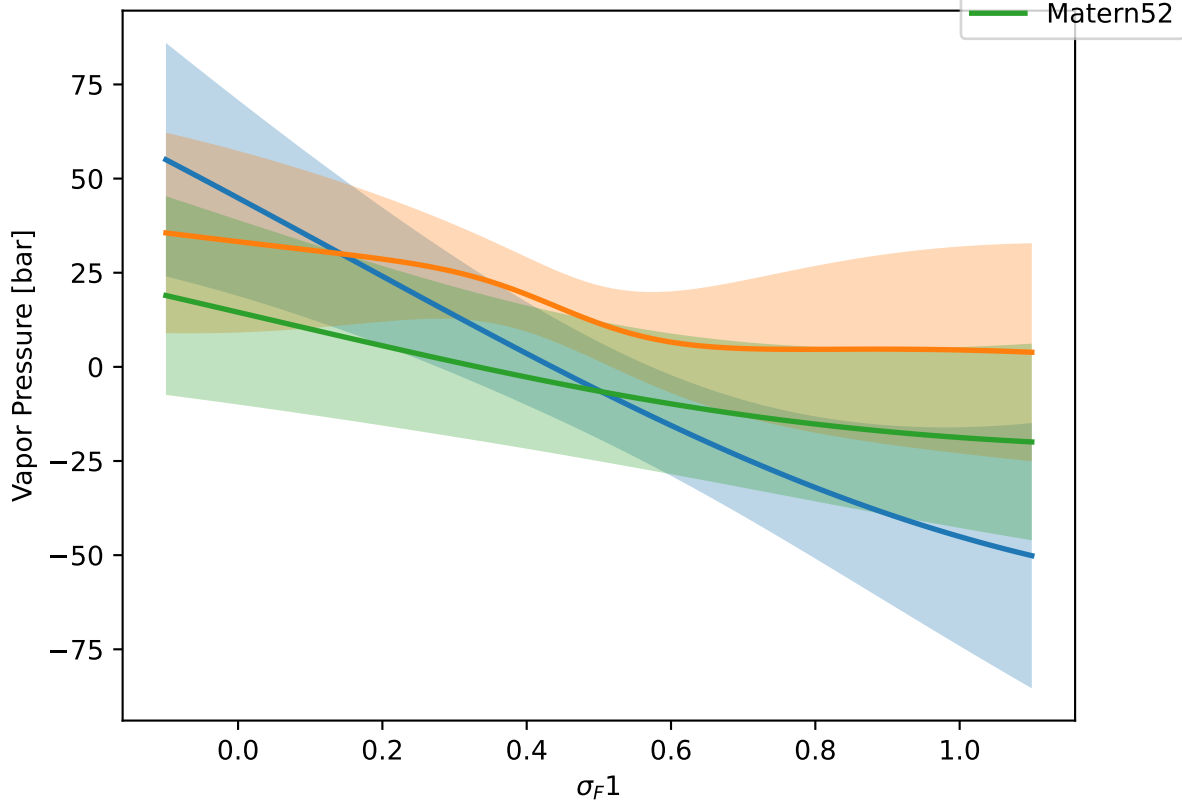
$\sigma_F1$  at T = 250 K. Other vals = 0.60.



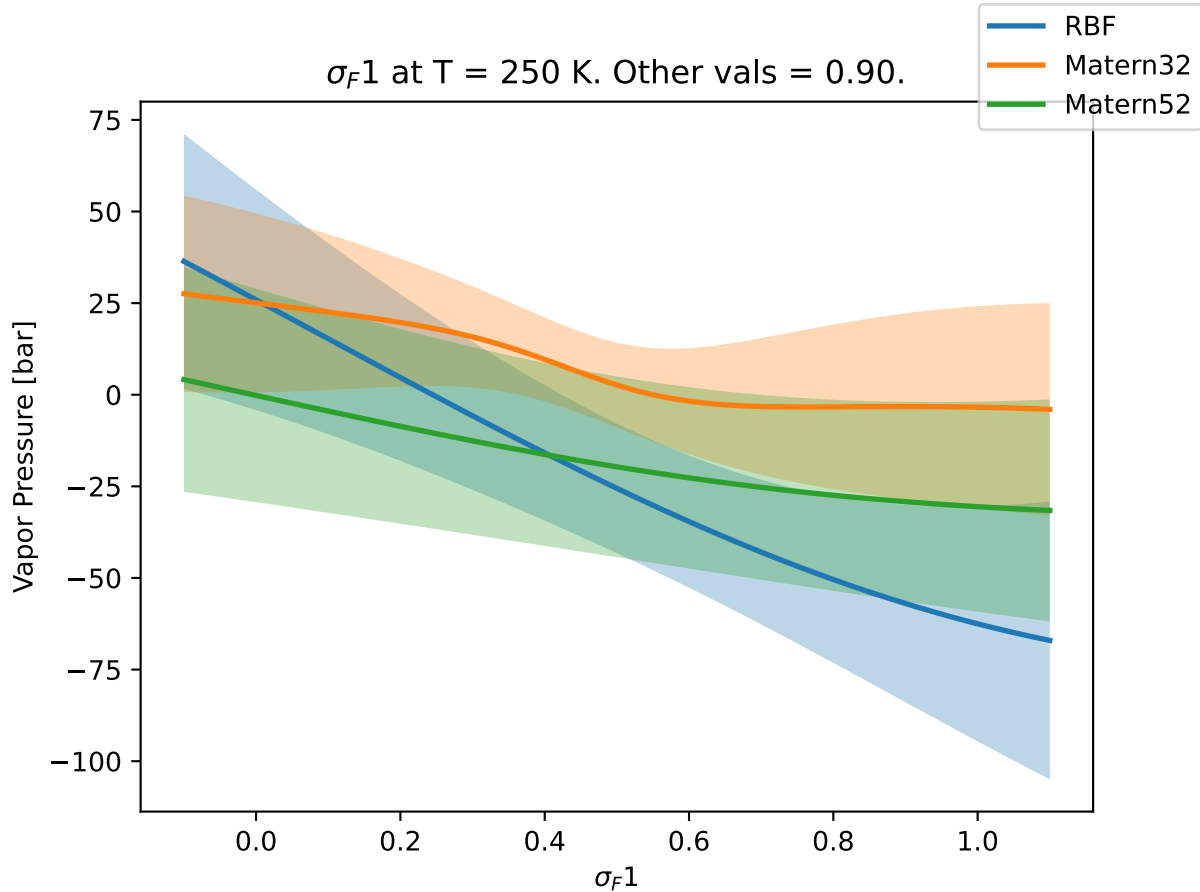
$\sigma_F1$  at T = 250 K. Other vals = 0.70.



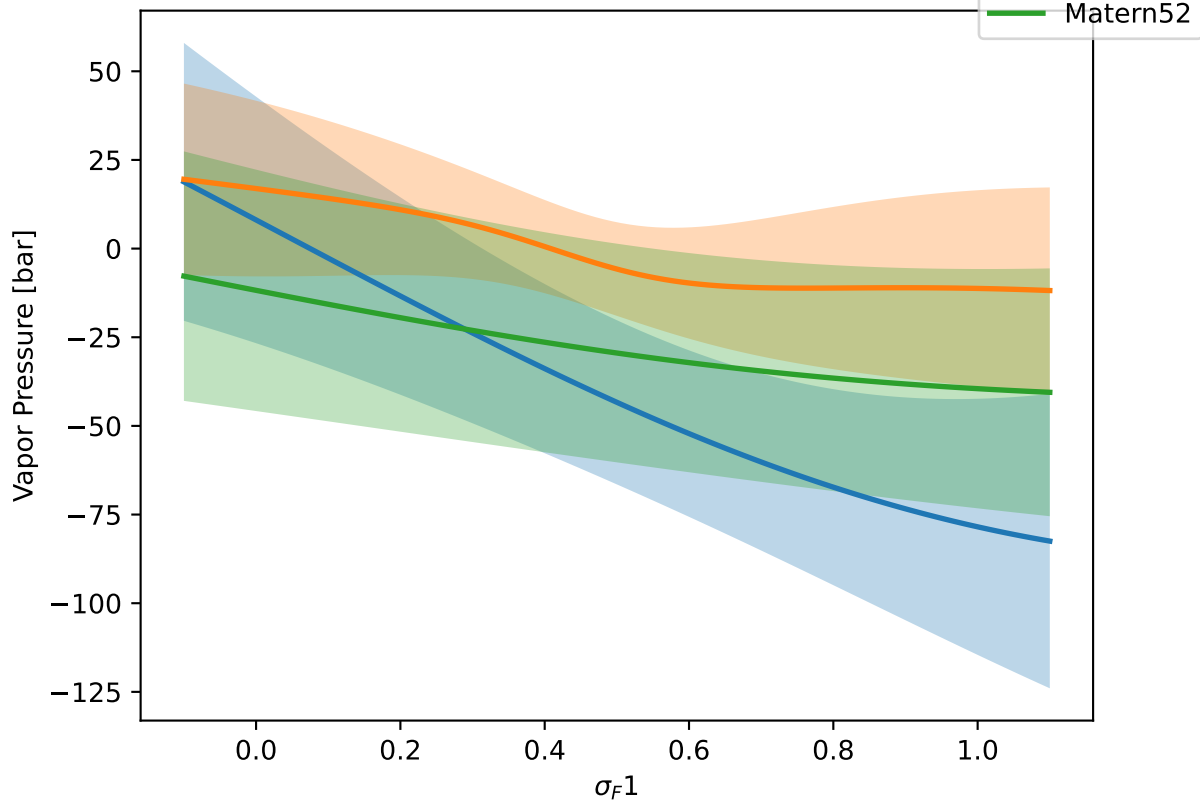
$\sigma_F1$  at T = 250 K. Other vals = 0.80.



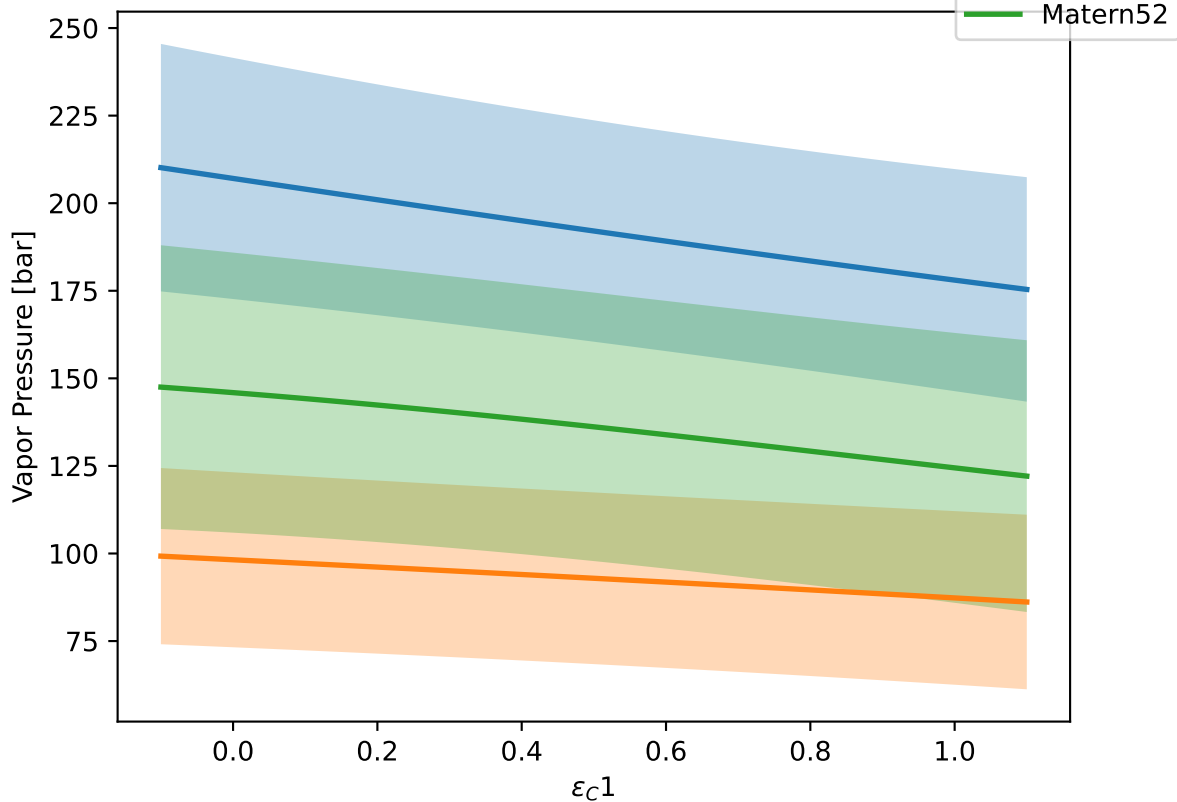
$\sigma_F1$  at T = 250 K. Other vals = 0.90.



$\sigma_F1$  at T = 250 K. Other vals = 1.00.

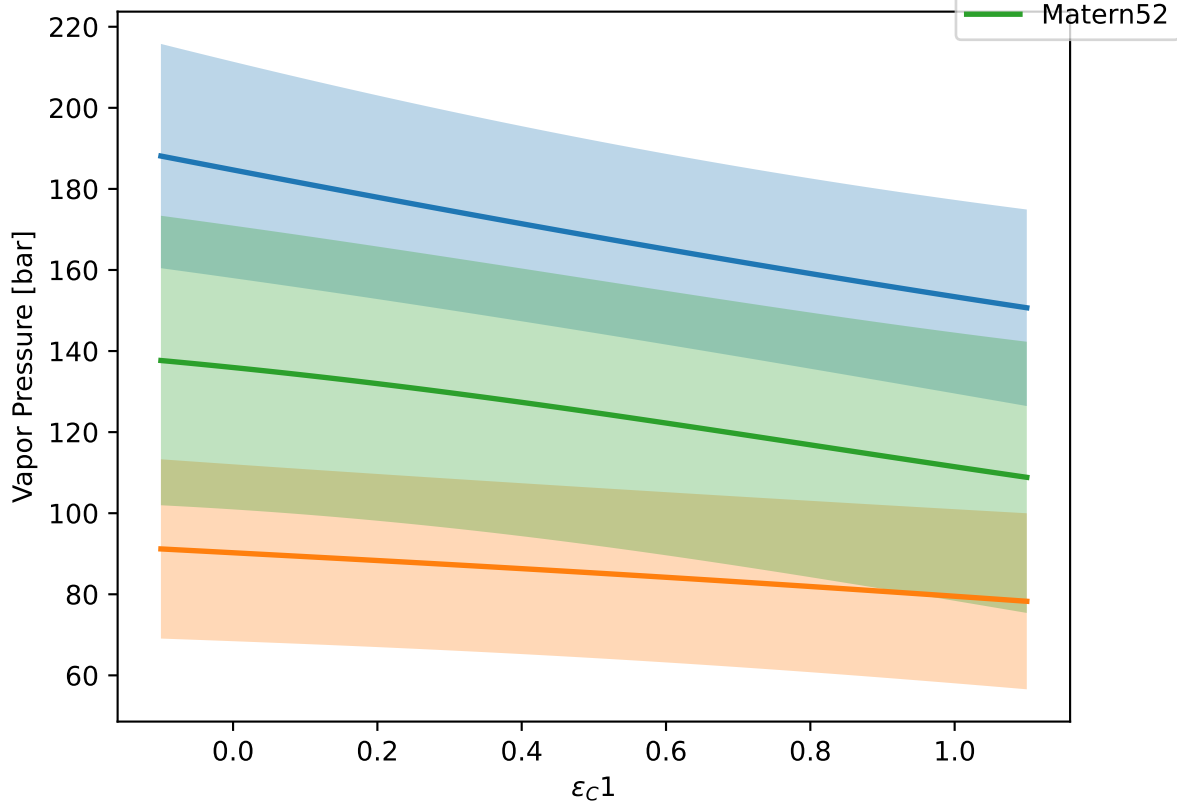


$\varepsilon_C1$  at T = 250 K. Other vals = 0.00.

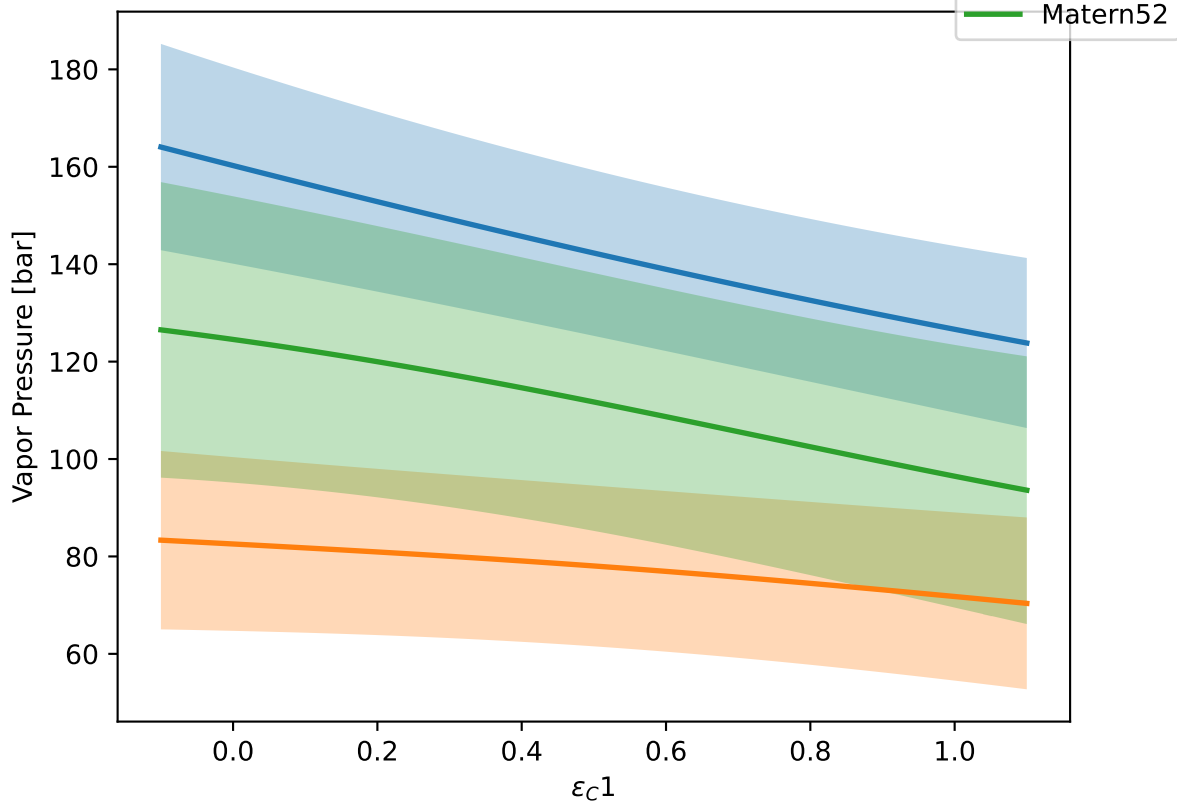




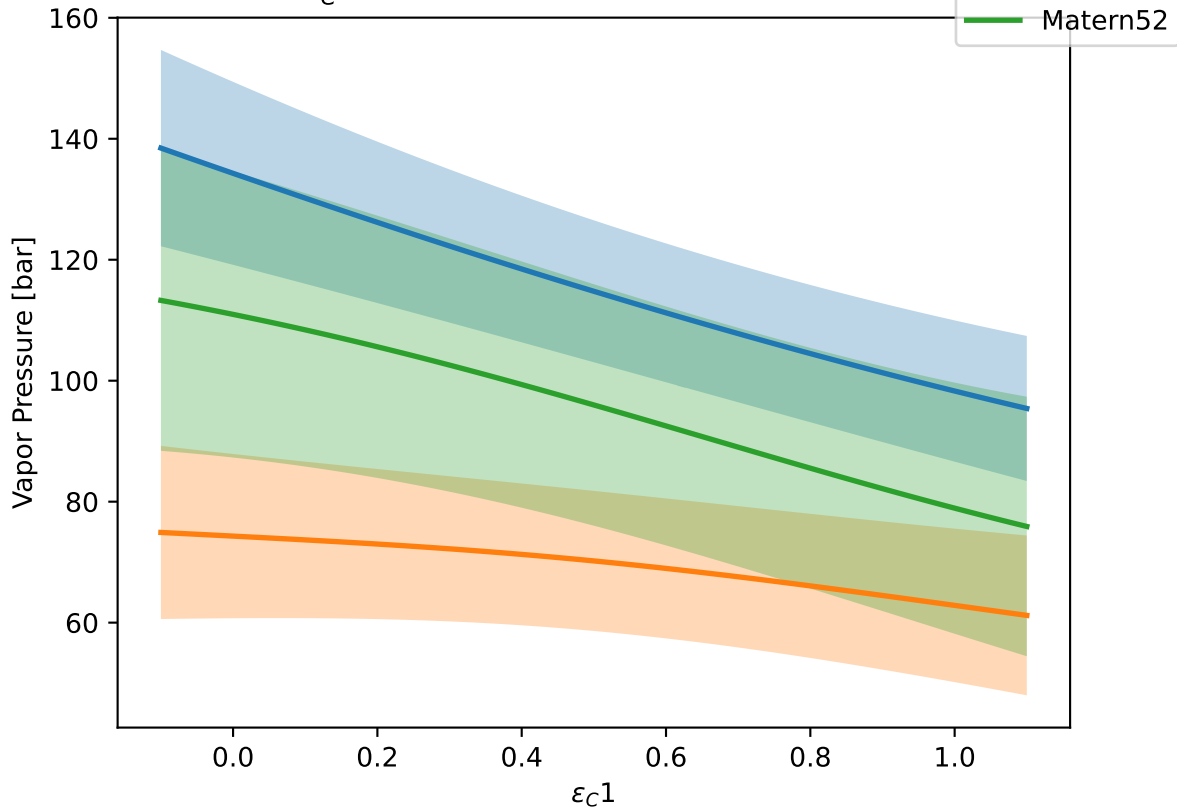
$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.10.



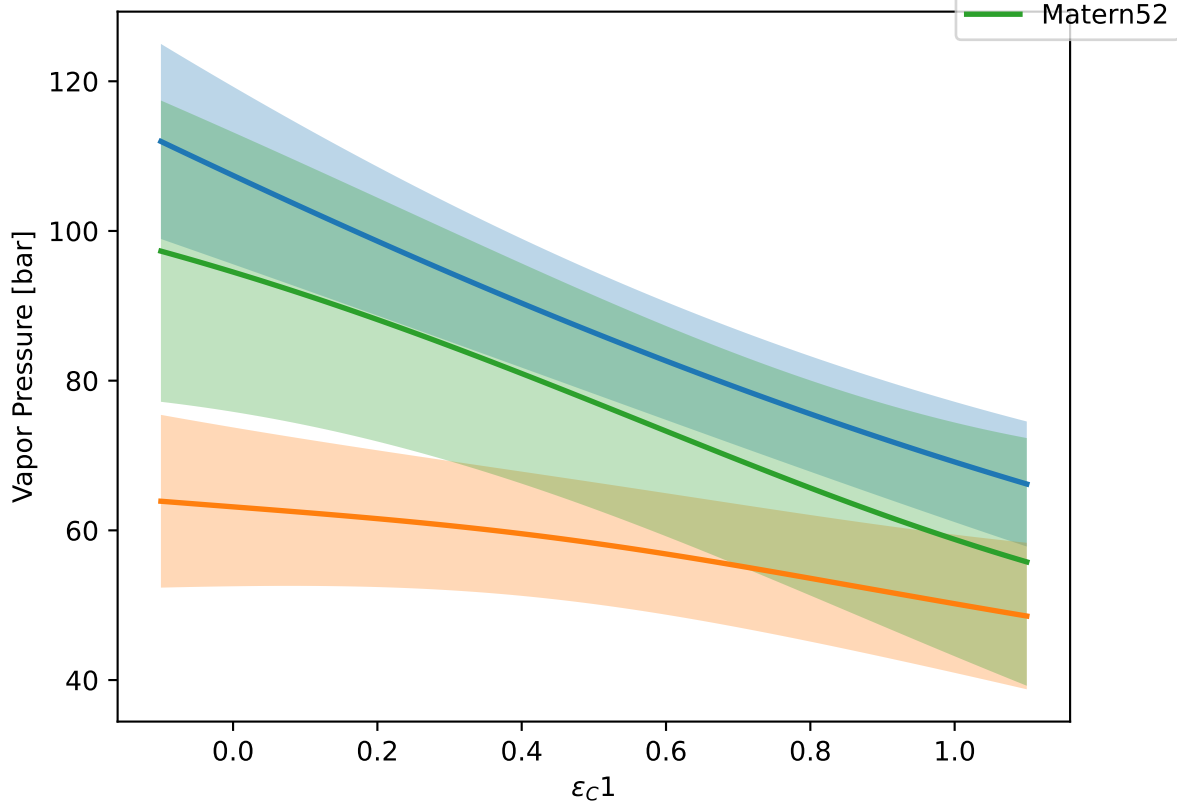
$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.20.



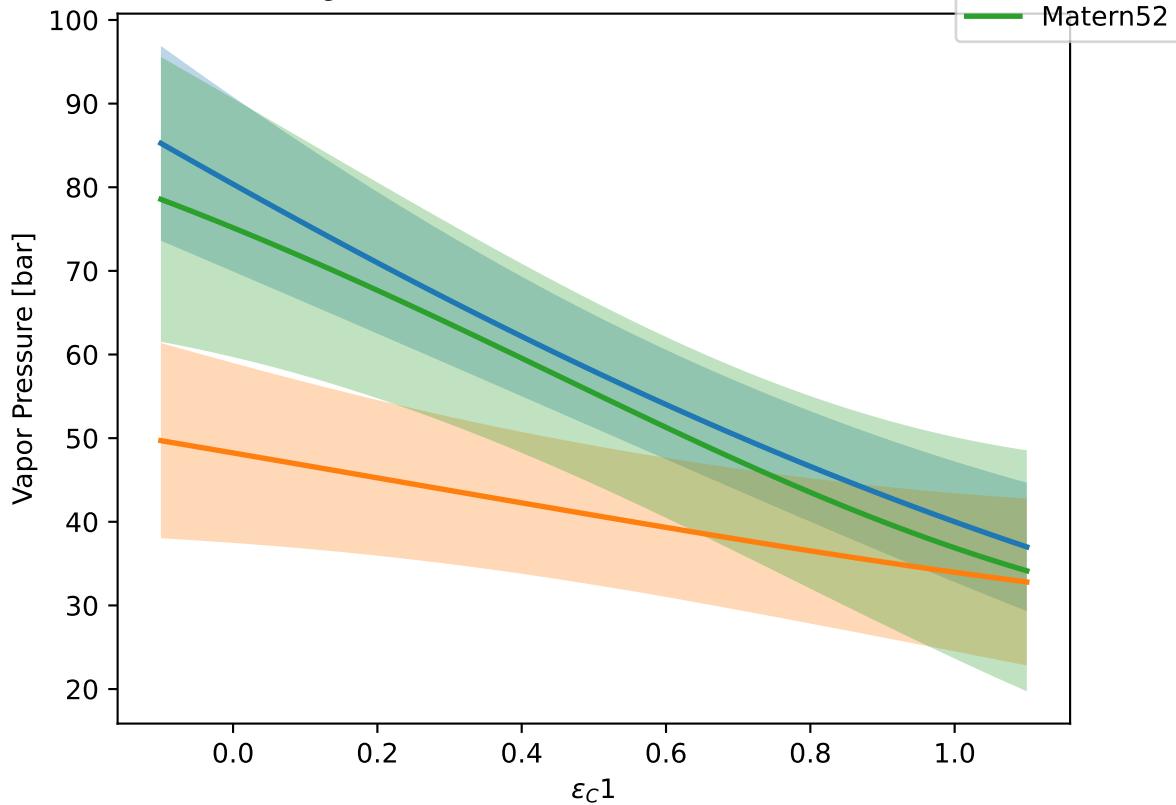
$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.30.



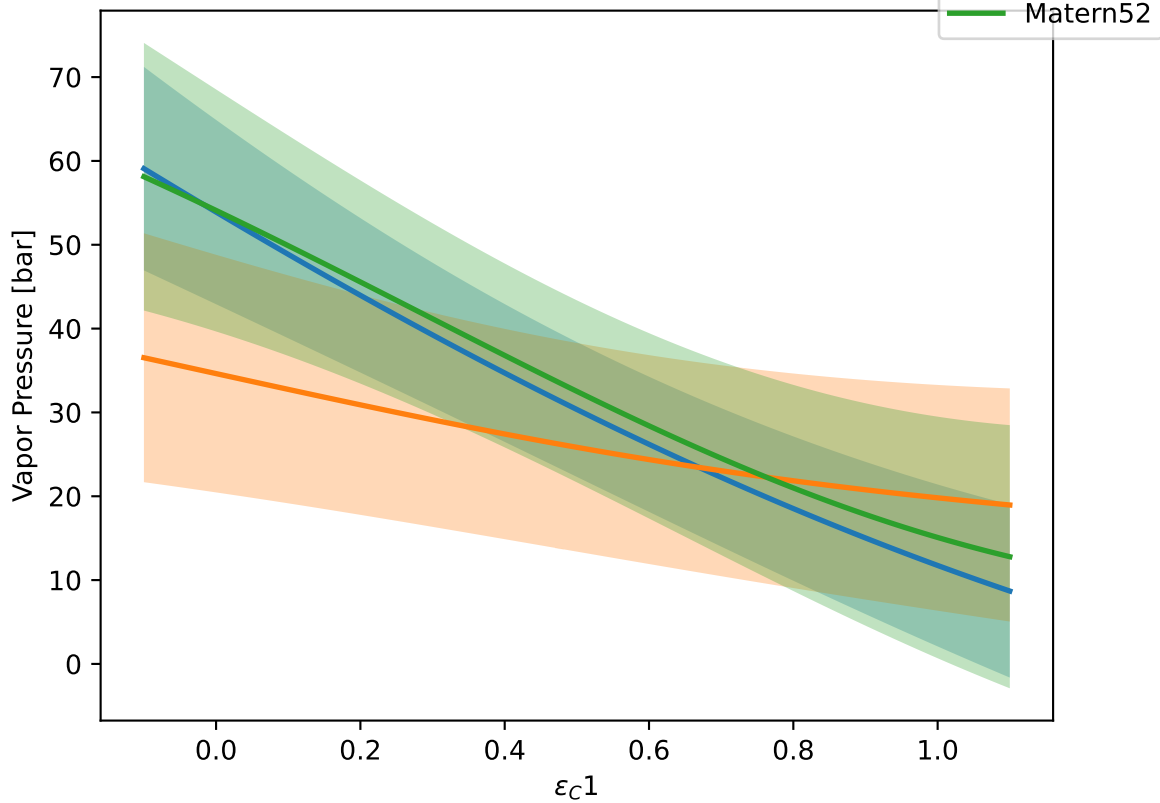
$\varepsilon_C1$  at  $T = 250$  K. Other vals = 0.40.



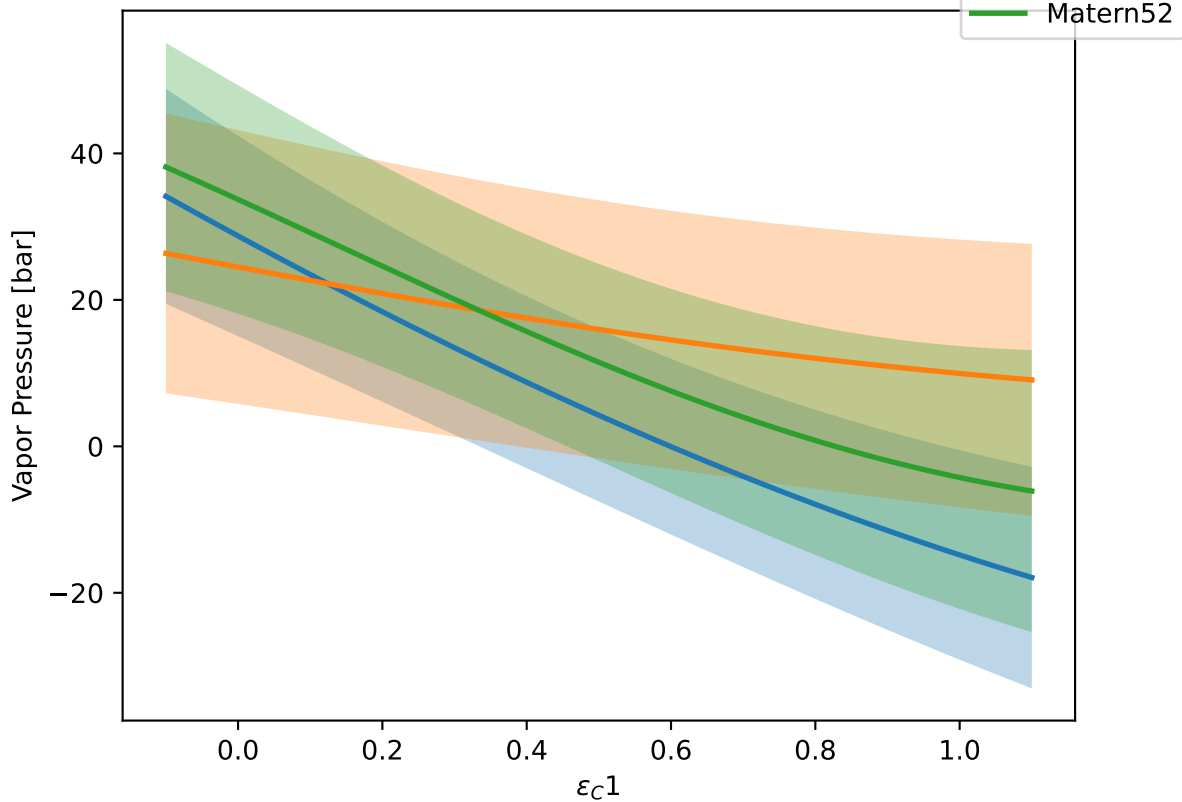
$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.50.



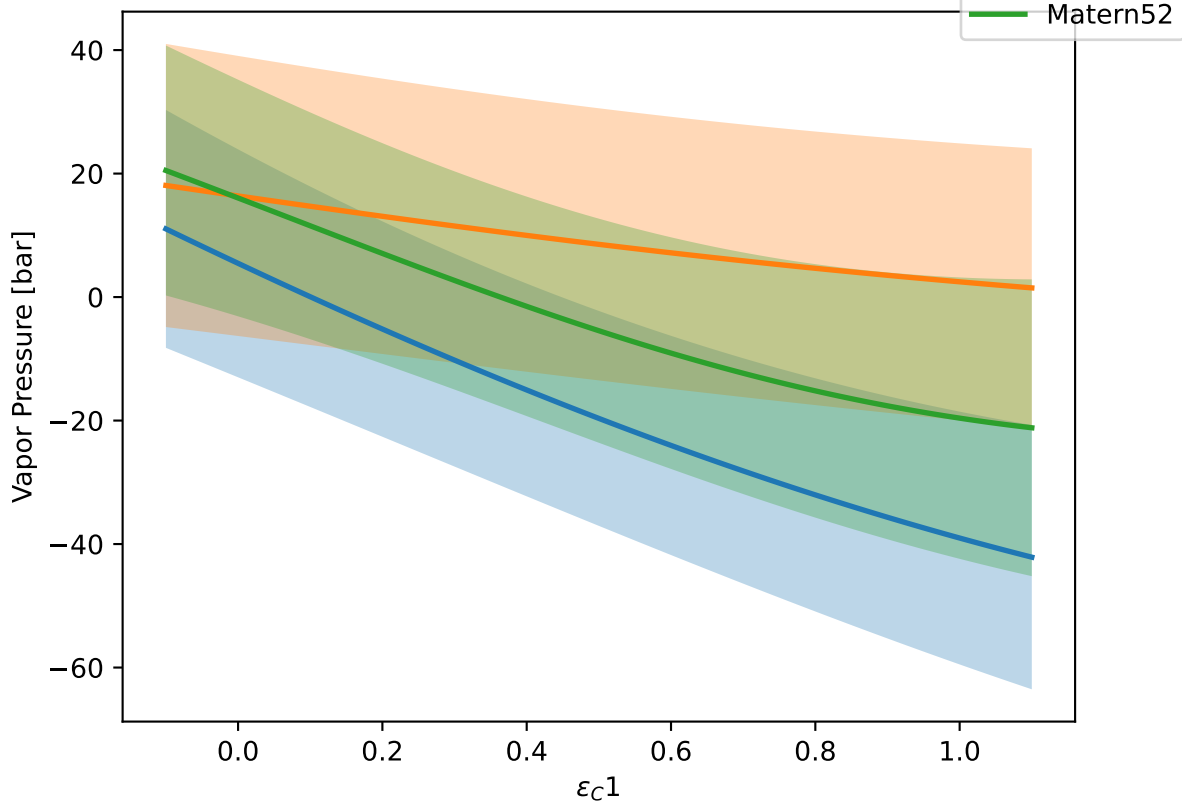
$\varepsilon_C1$  at T = 250 K. Other vals = 0.60.



$\epsilon_C1$  at T = 250 K. Other vals = 0.70.

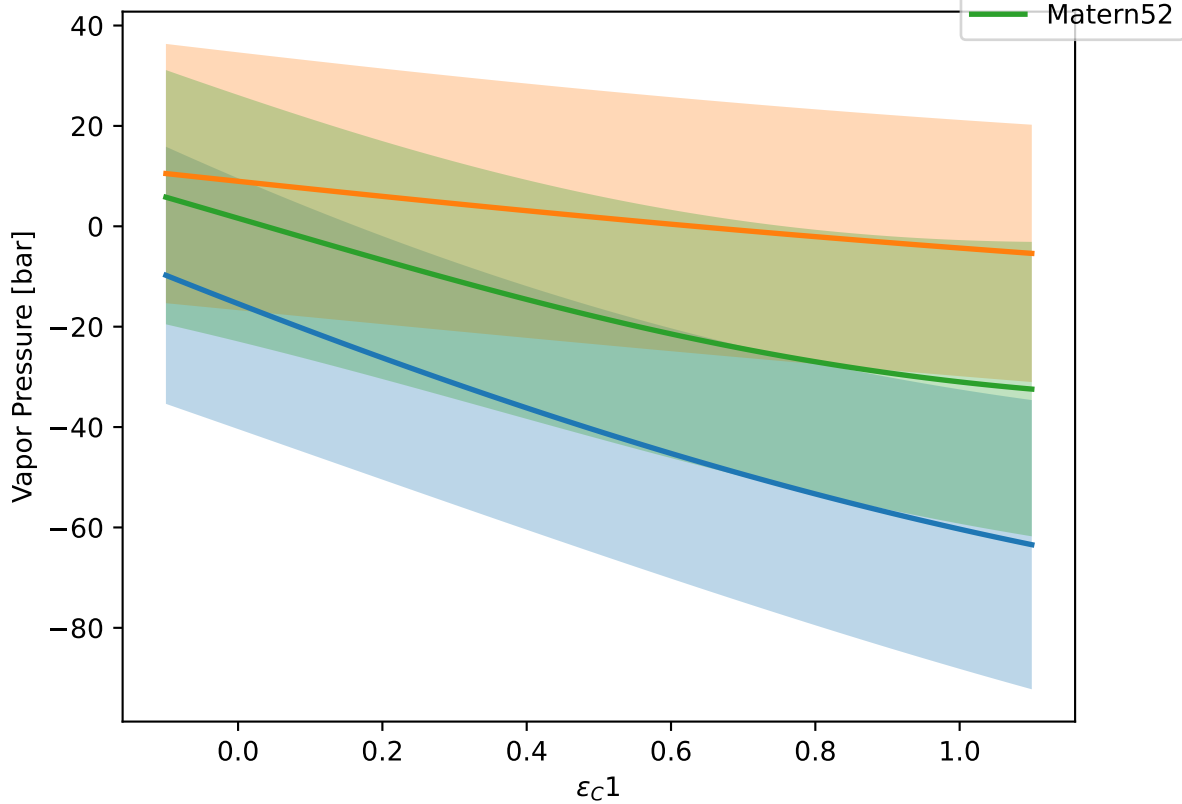


$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.80.



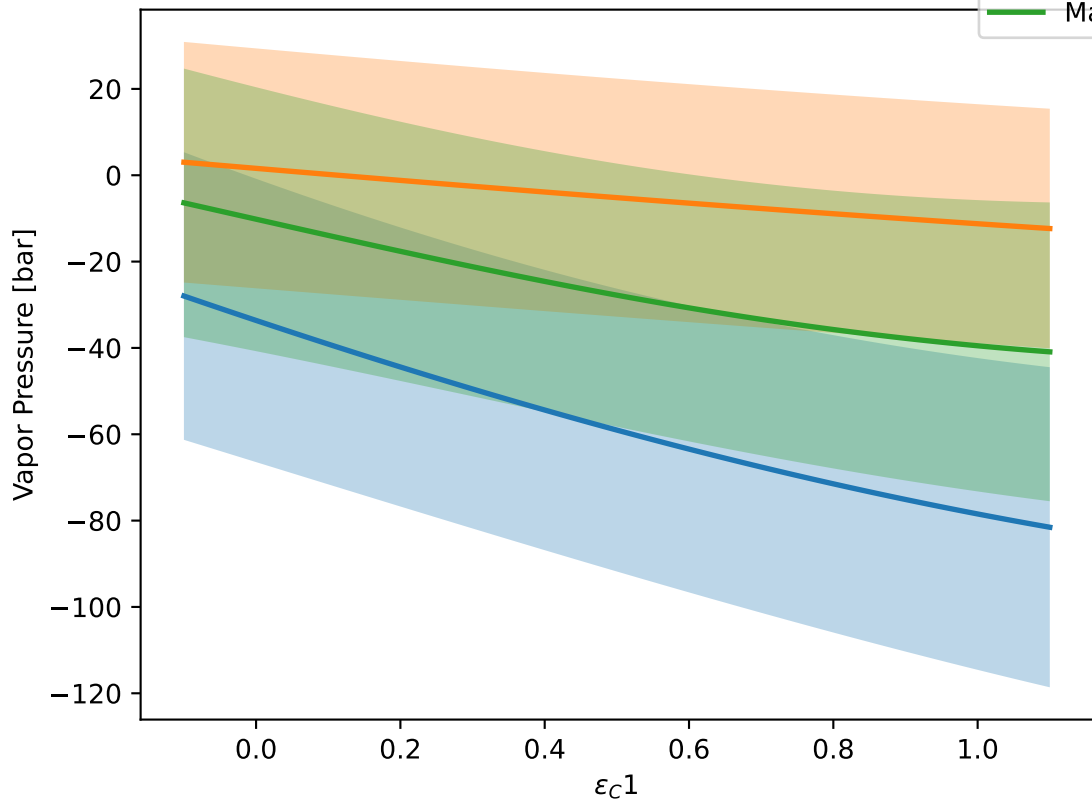


$\epsilon_C 1$  at  $T = 250$  K. Other vals = 0.90.

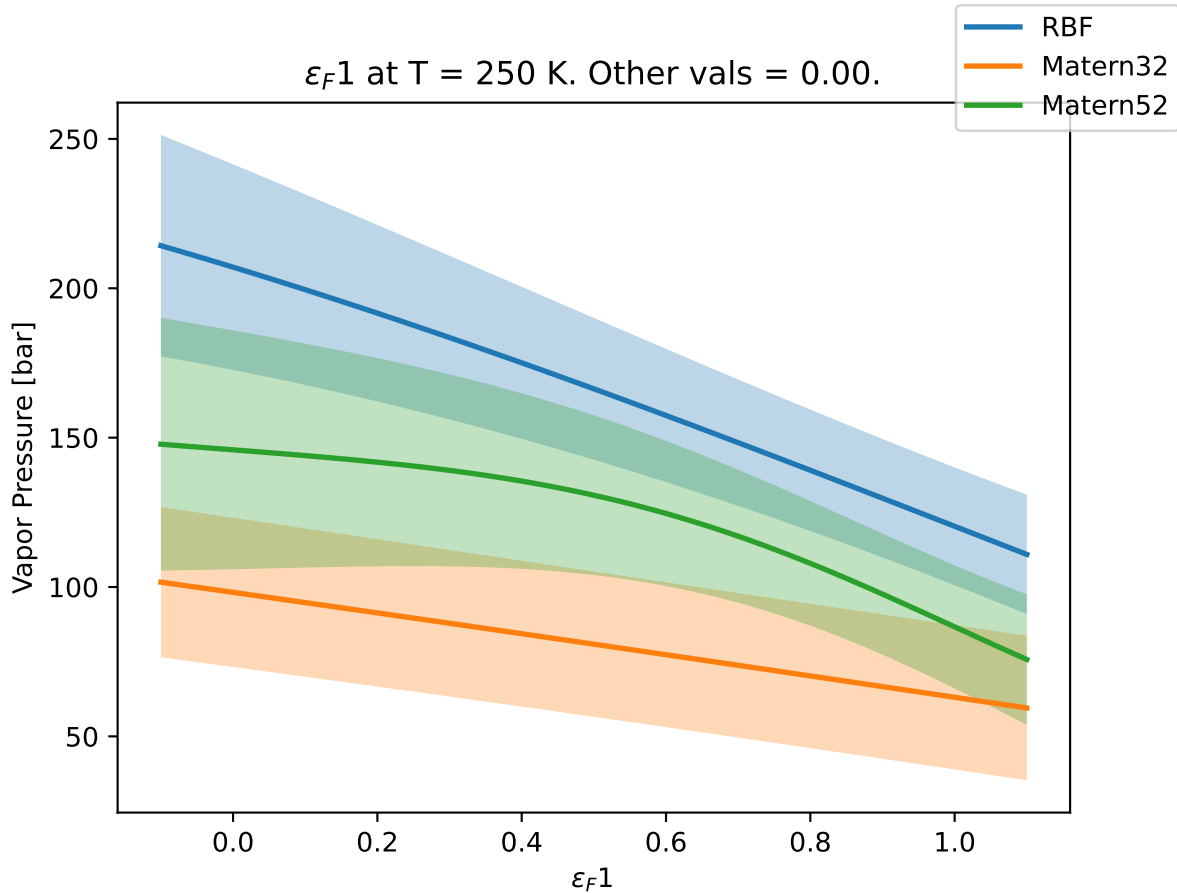


$\varepsilon_C 1$  at  $T = 250$  K. Other vals = 1.00.

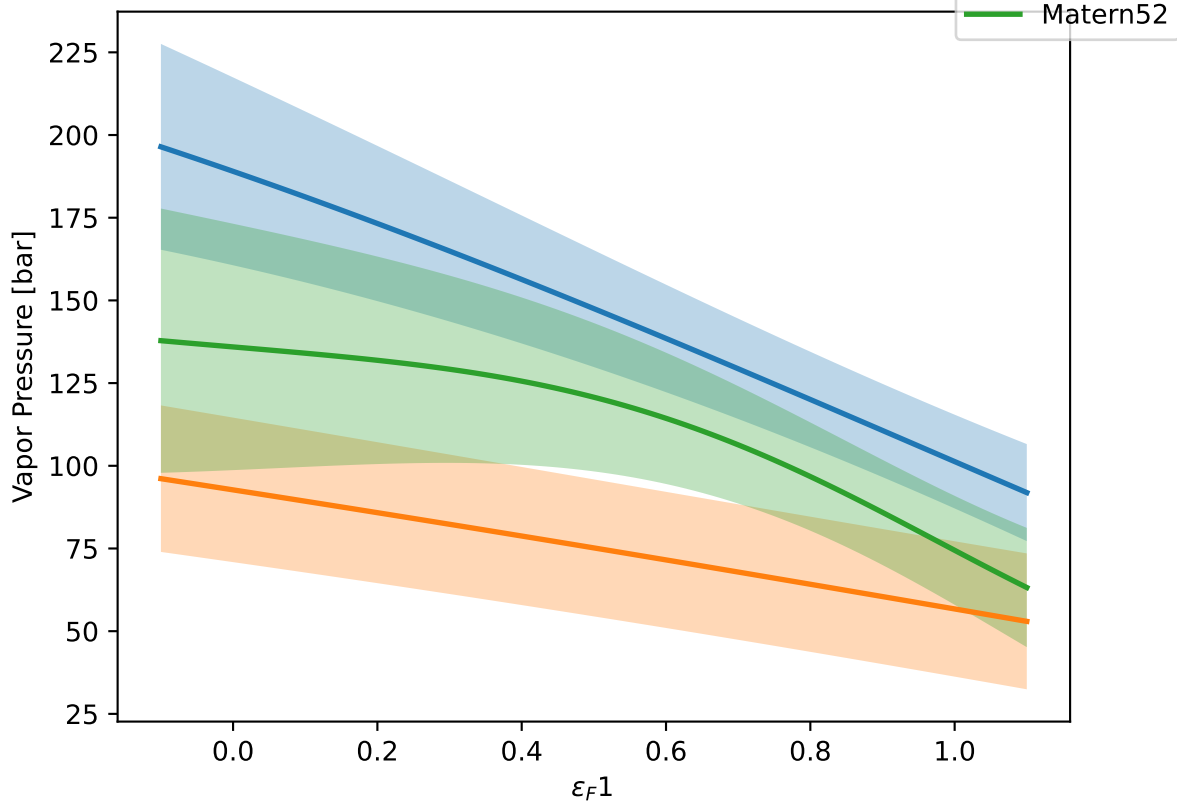
- RBF
- Matern32
- Matern52



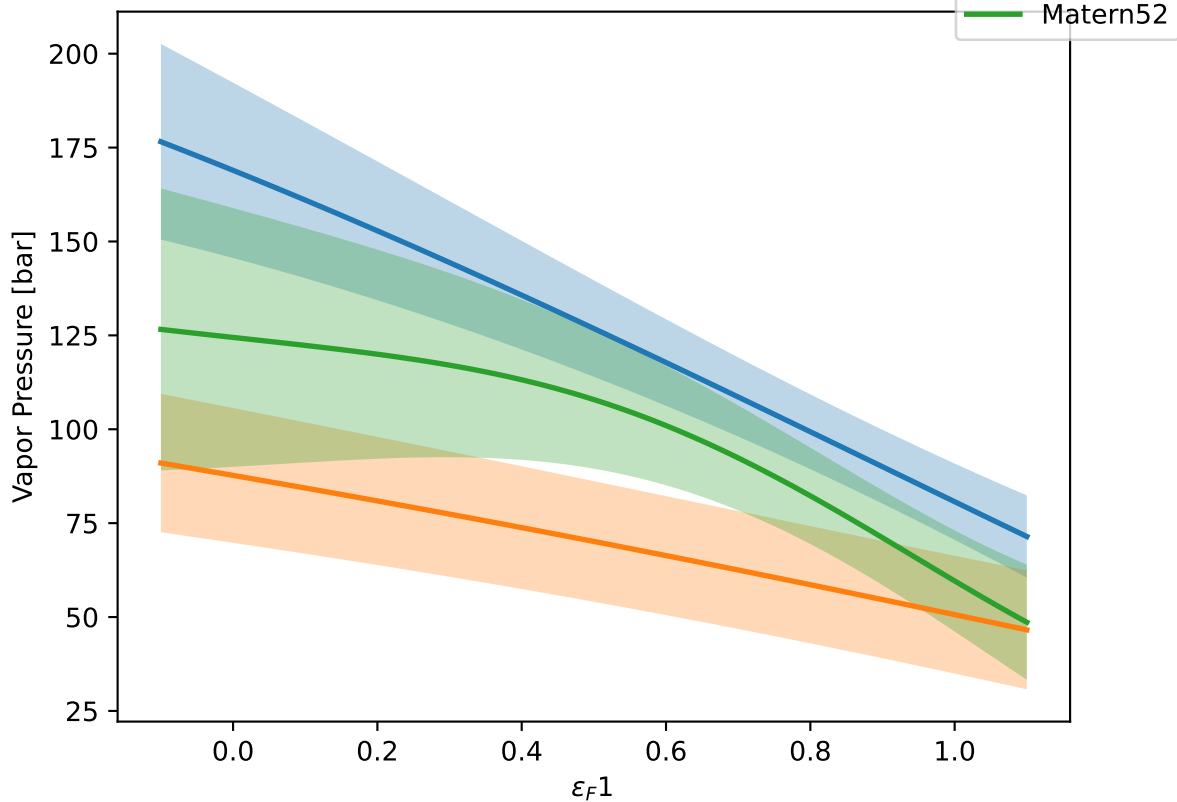
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.00.



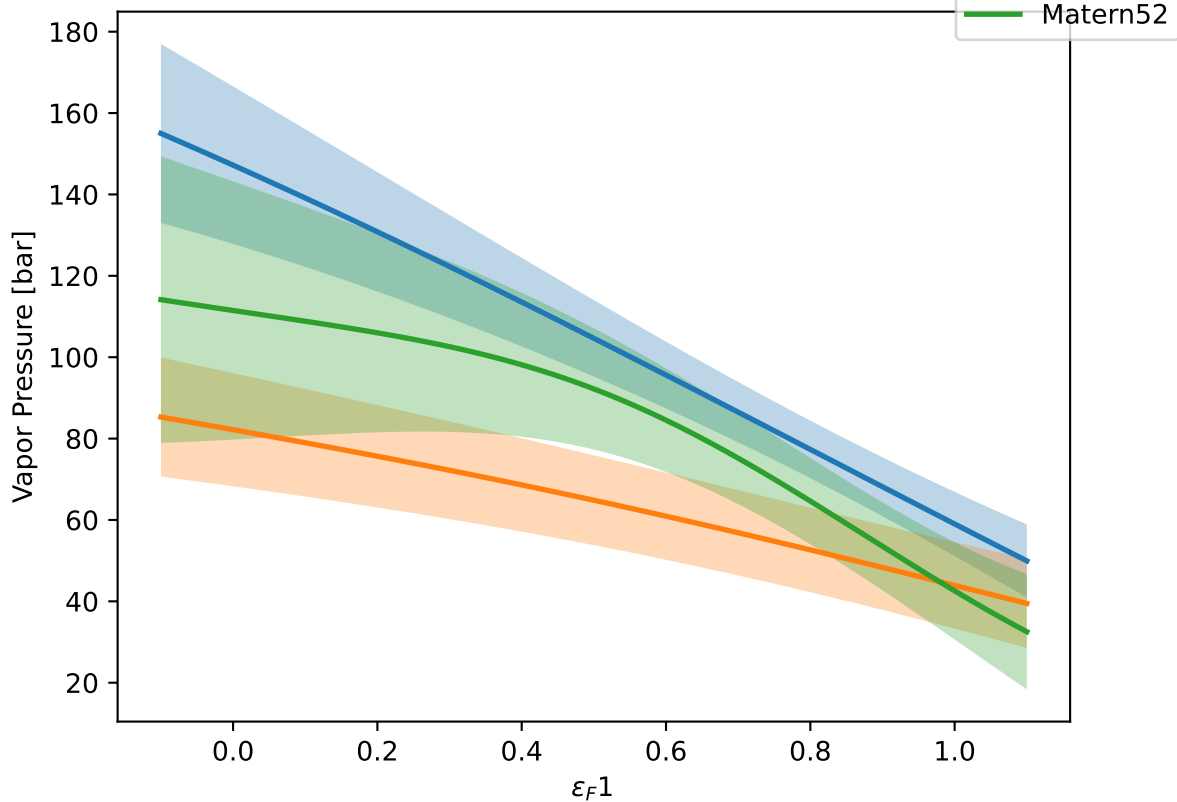
$\varepsilon_F 1$  at T = 250 K. Other vals = 0.10.



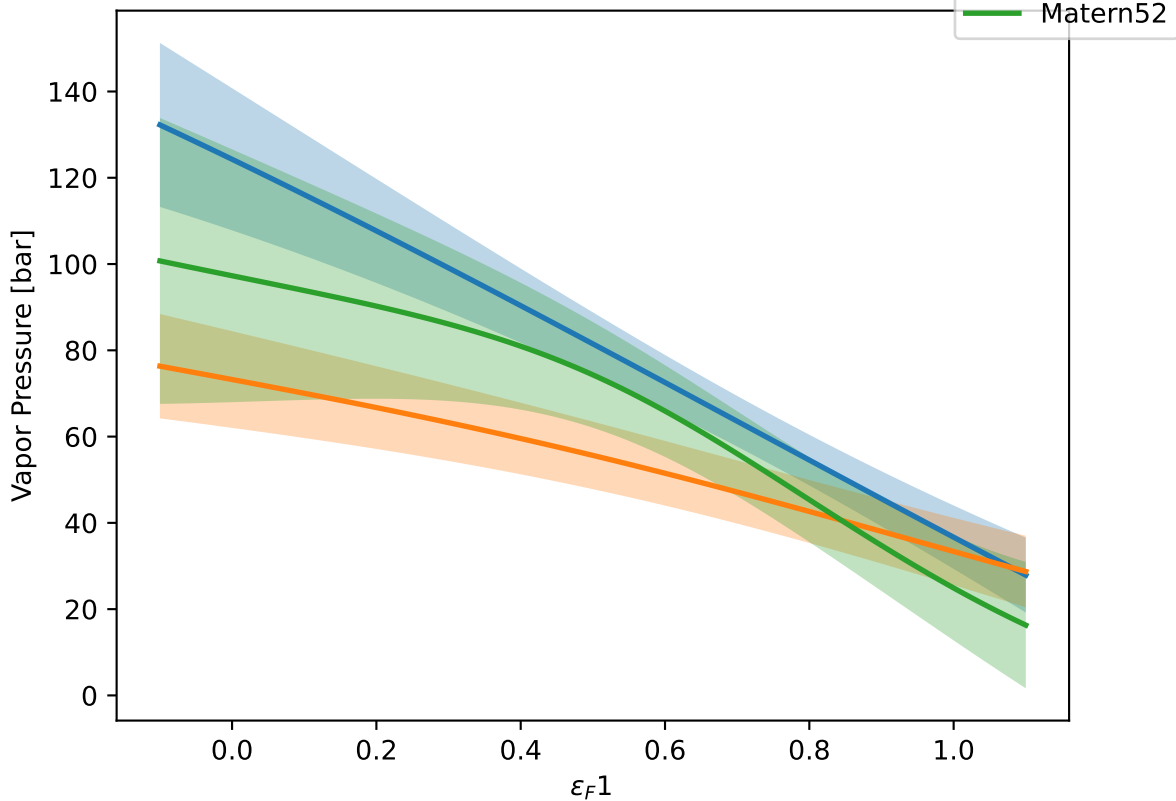
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.20.



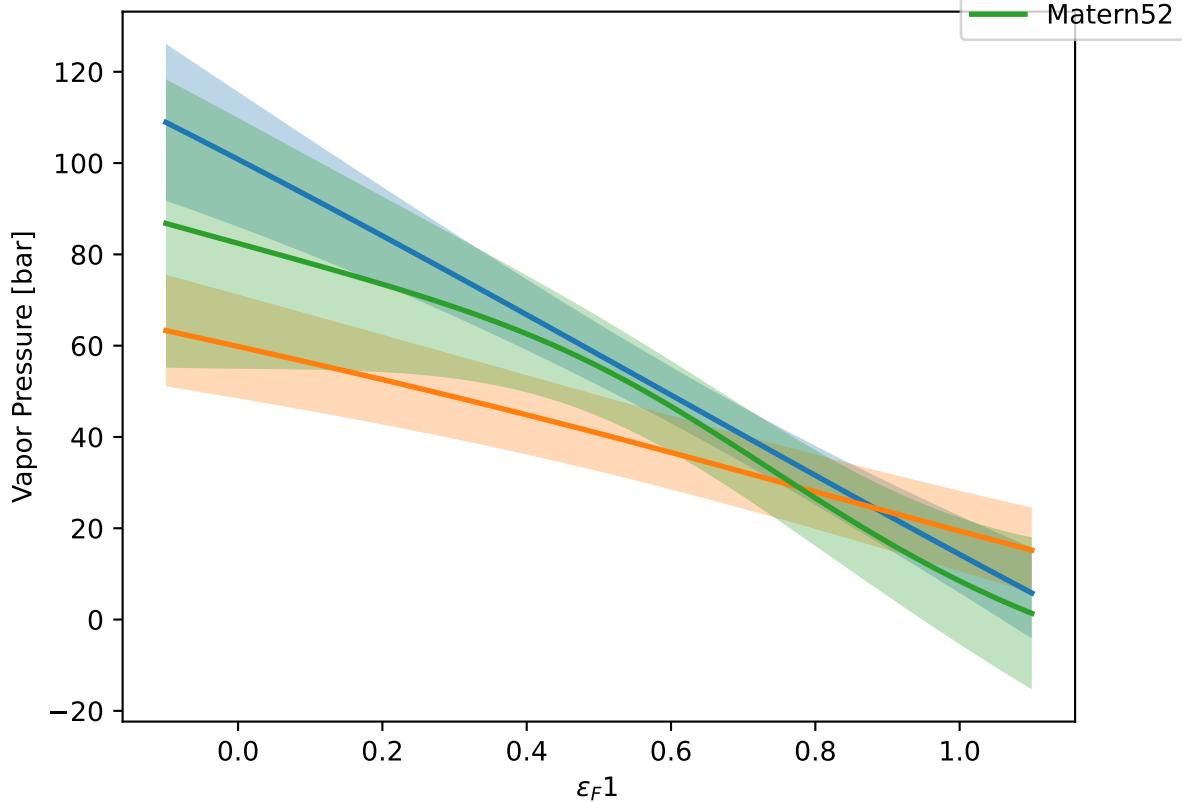
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.30.



$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.40.

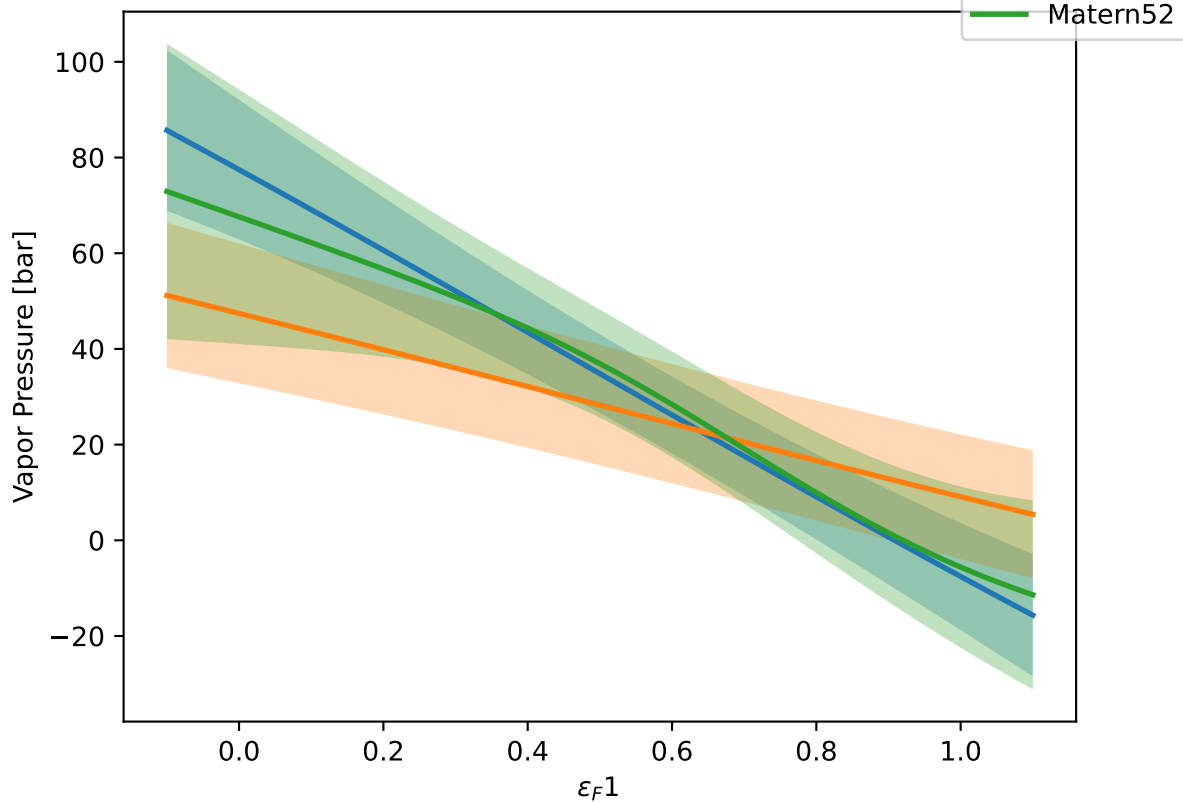


$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.50.

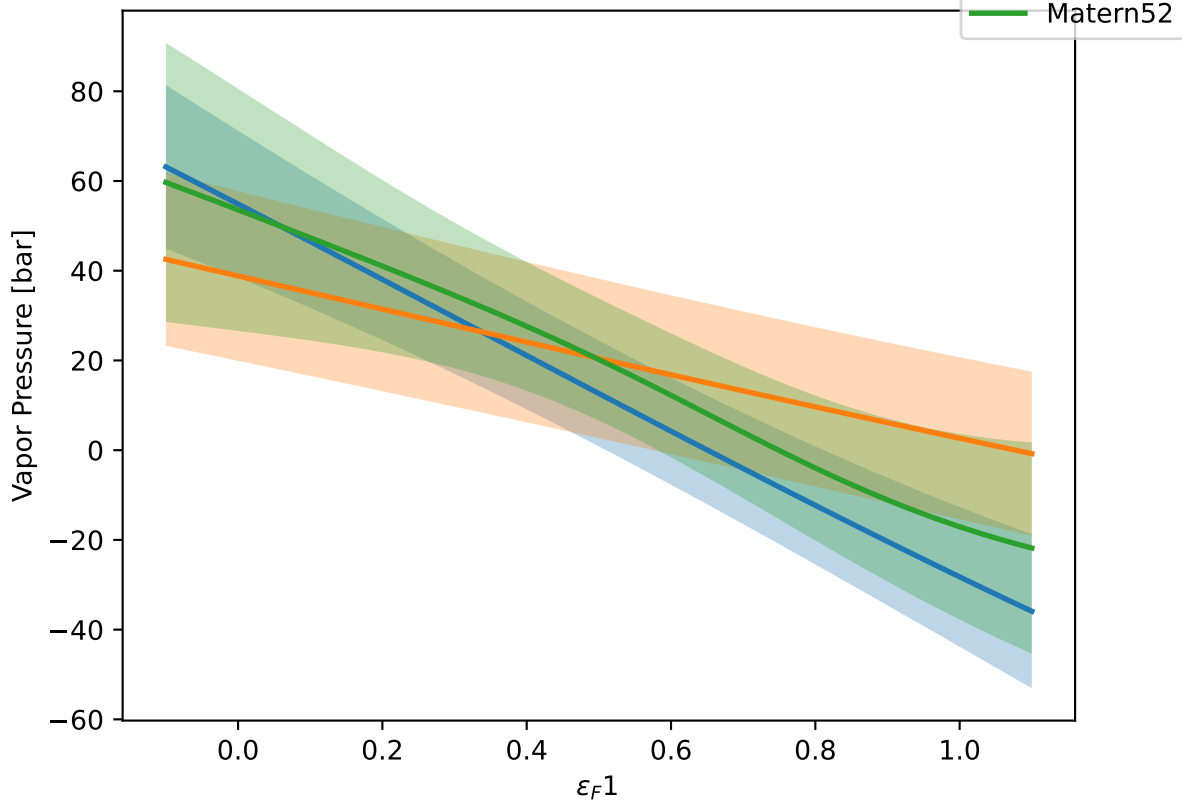




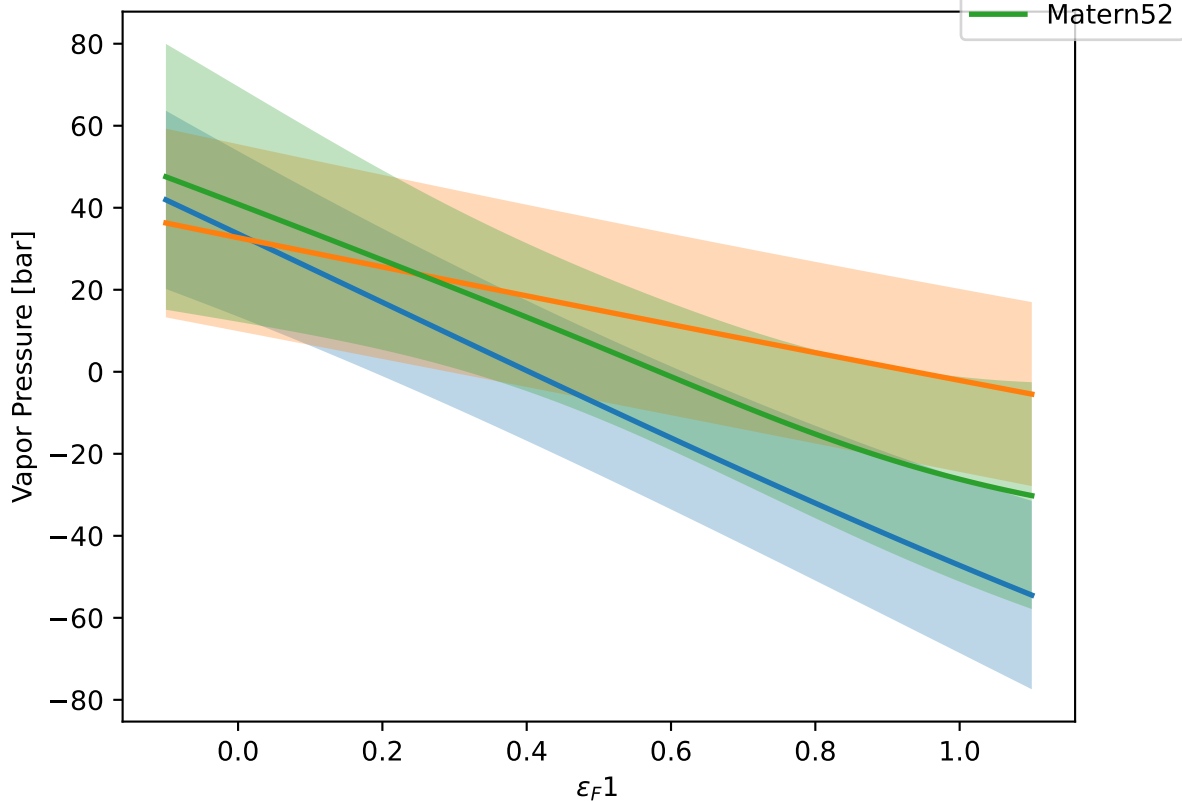
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.60.



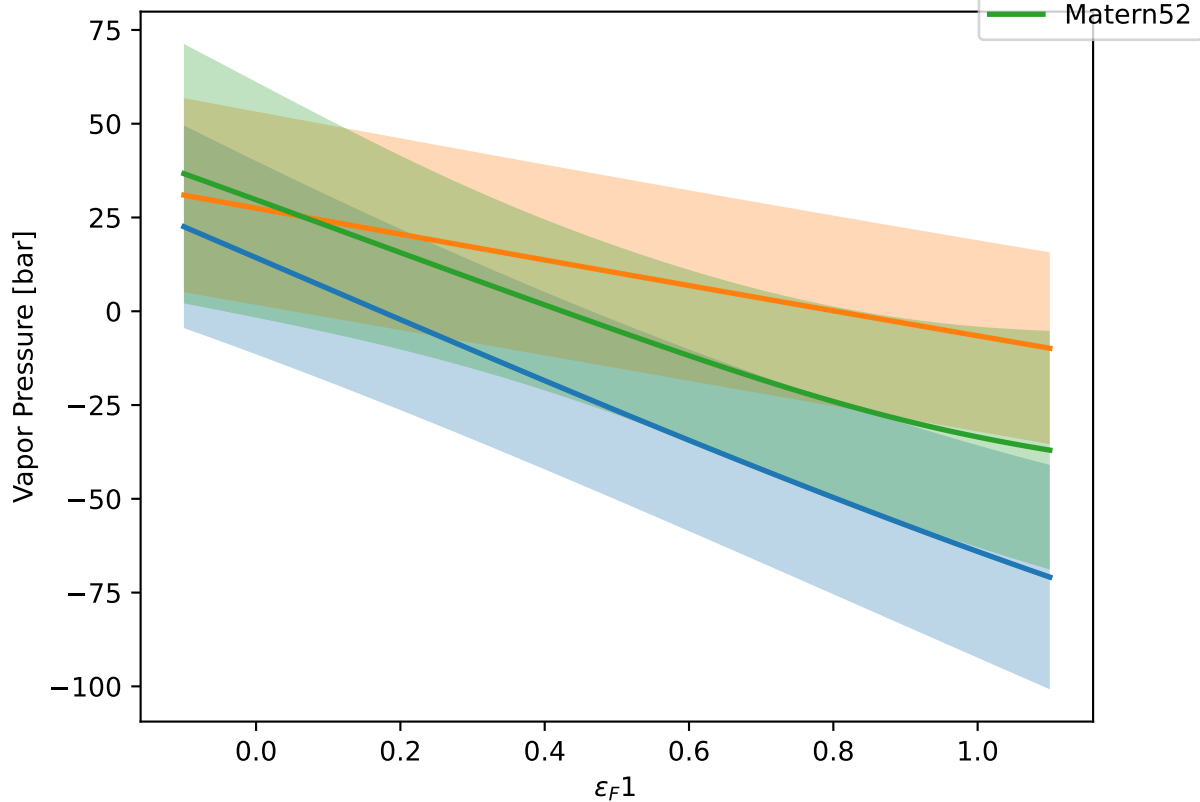
$\varepsilon_F 1$  at T = 250 K. Other vals = 0.70.



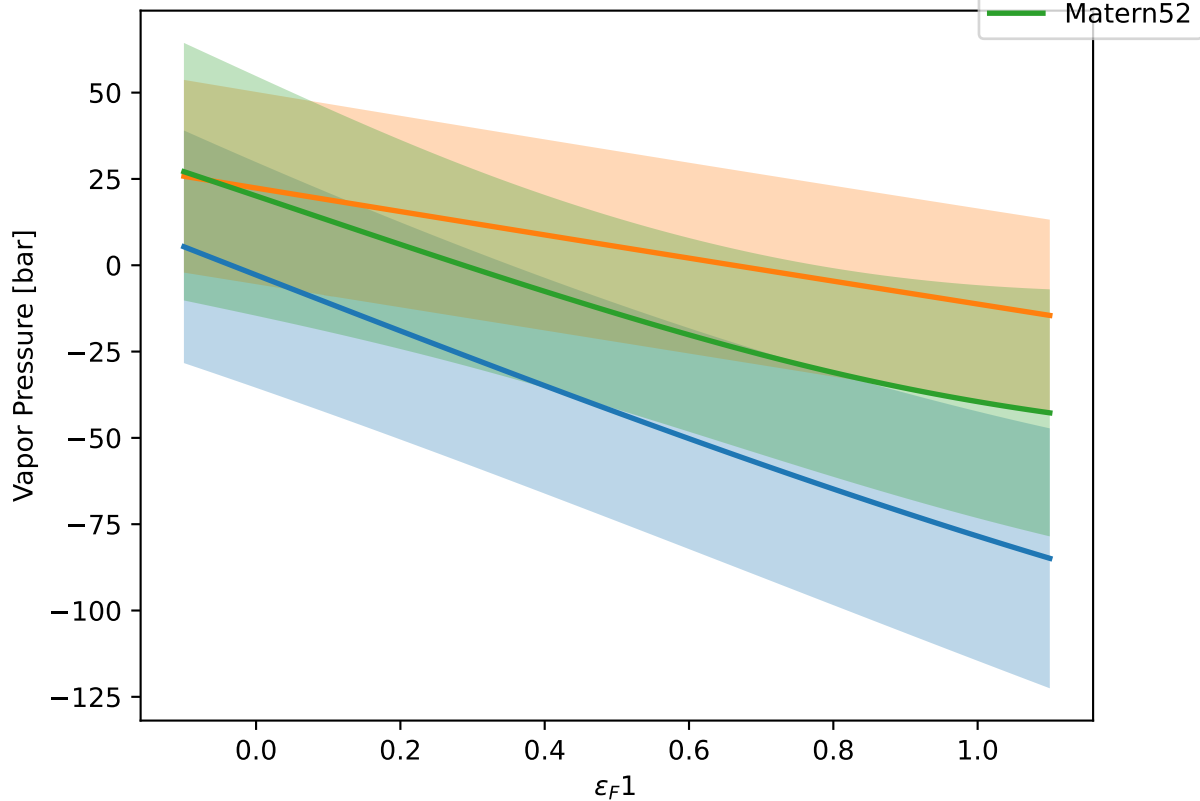
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.80.

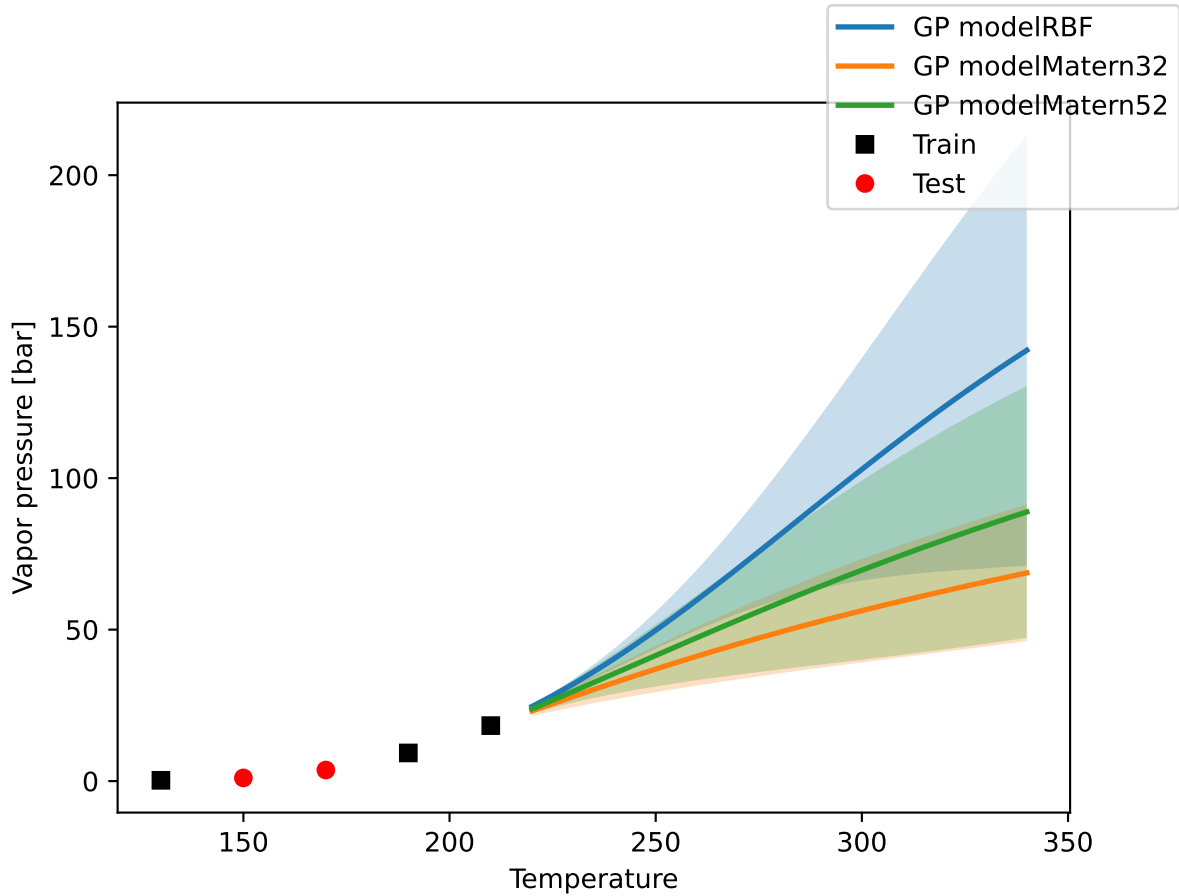


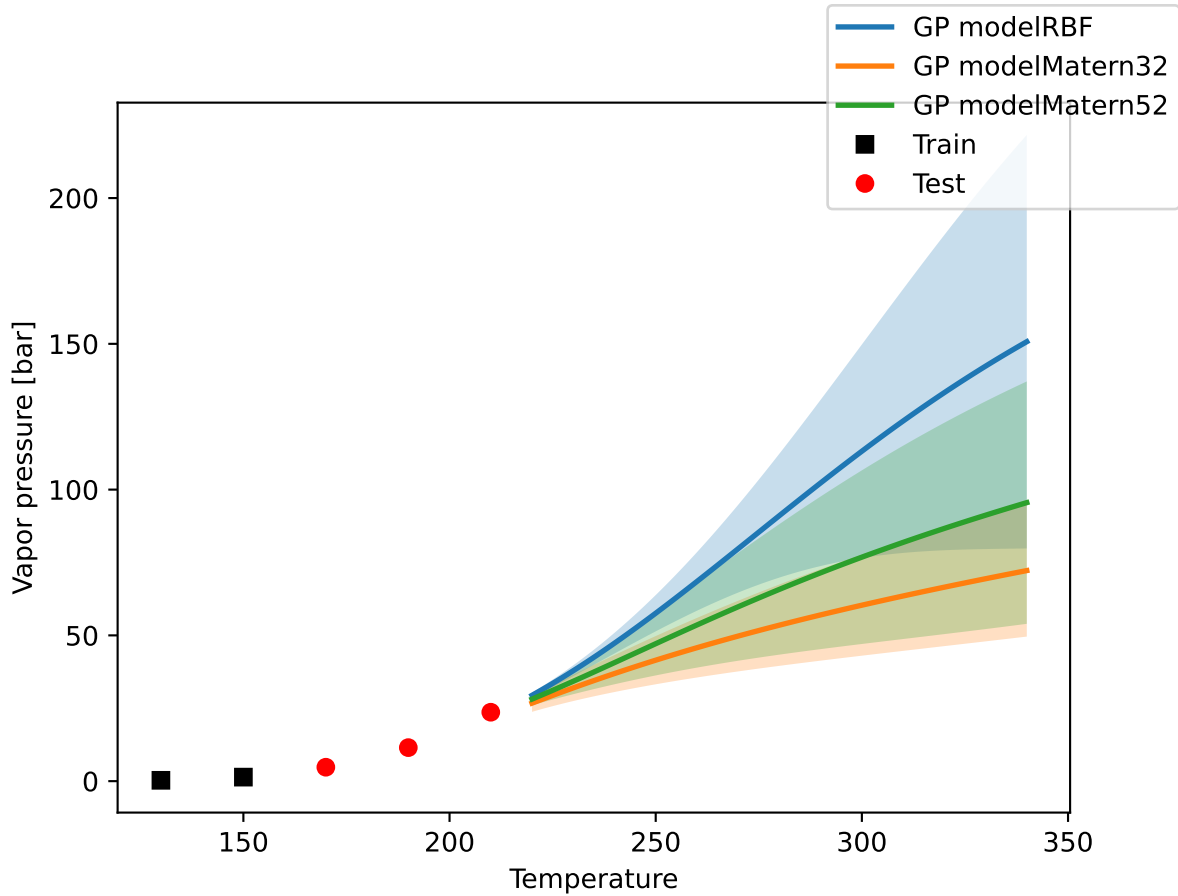
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.90.

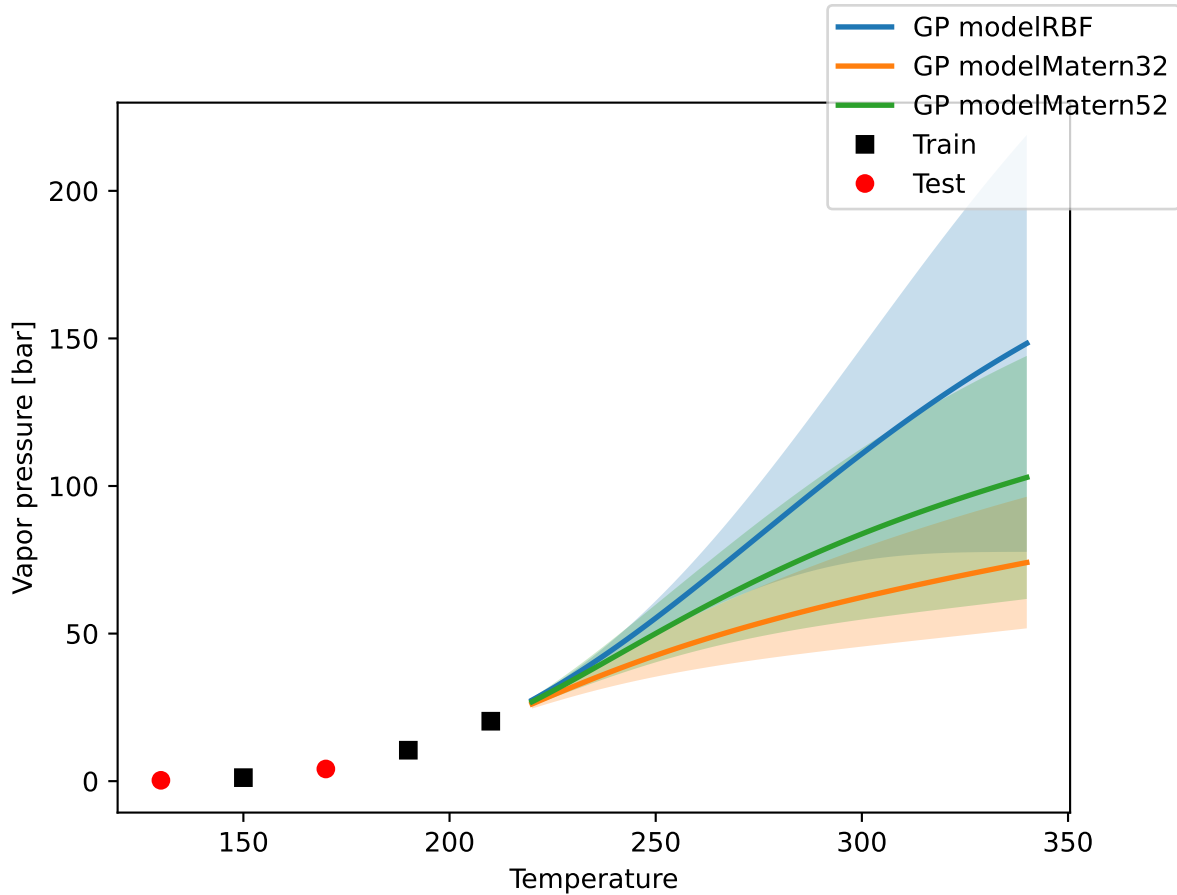


$\varepsilon_F 1$  at T = 250 K. Other vals = 1.00.

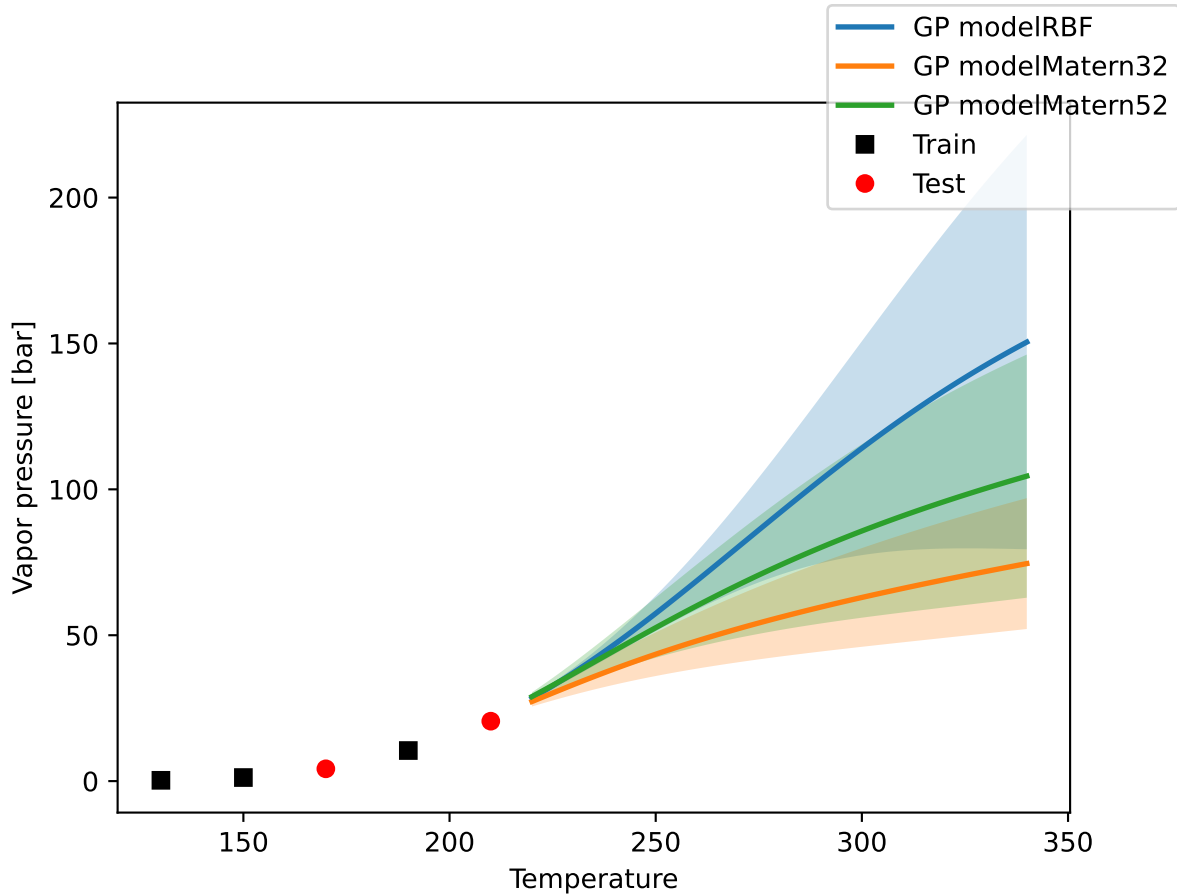


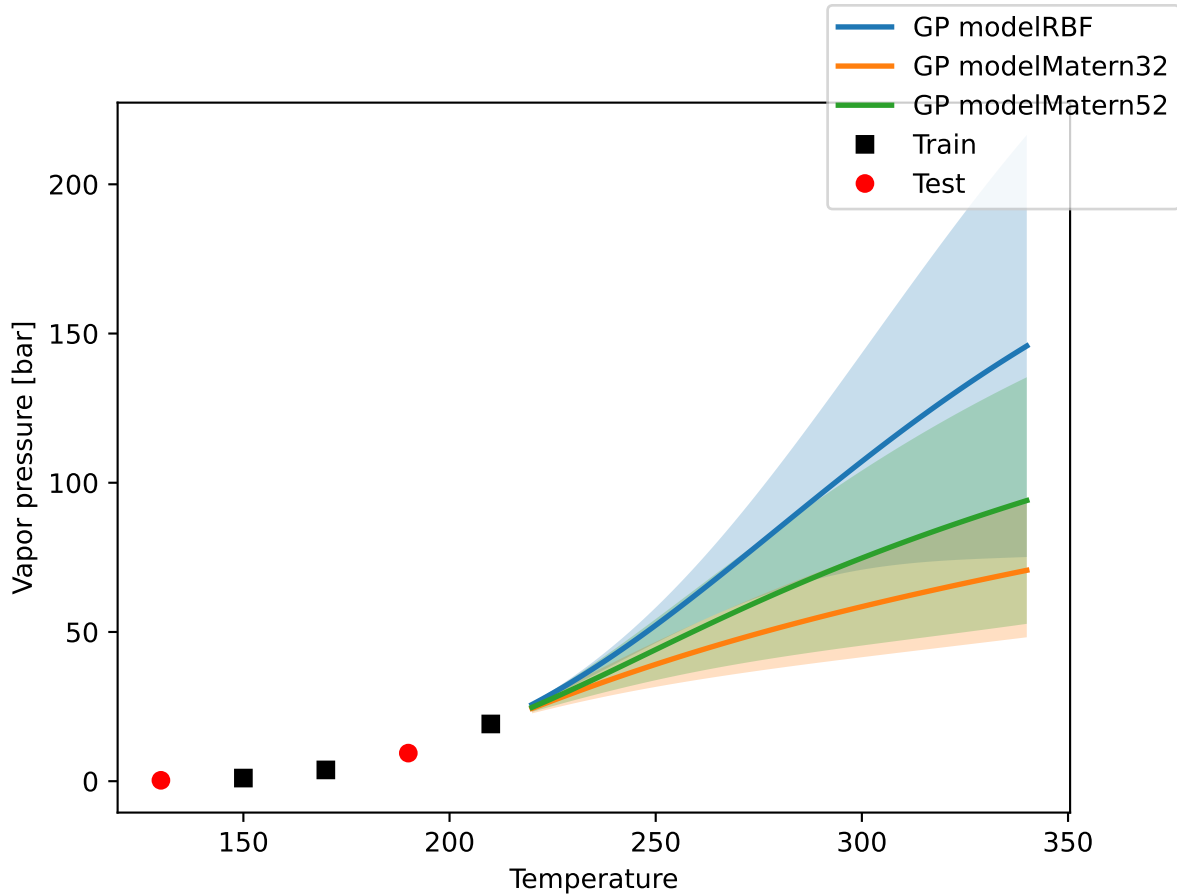


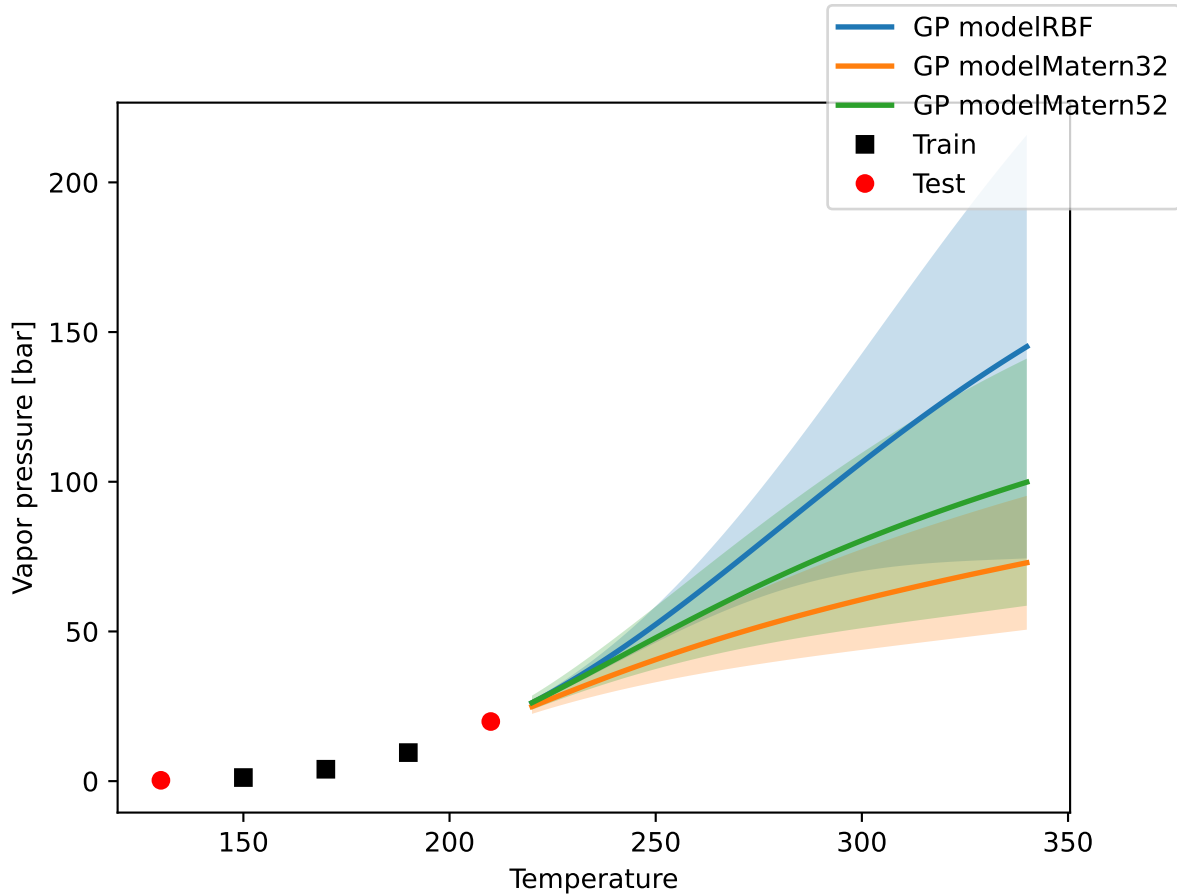


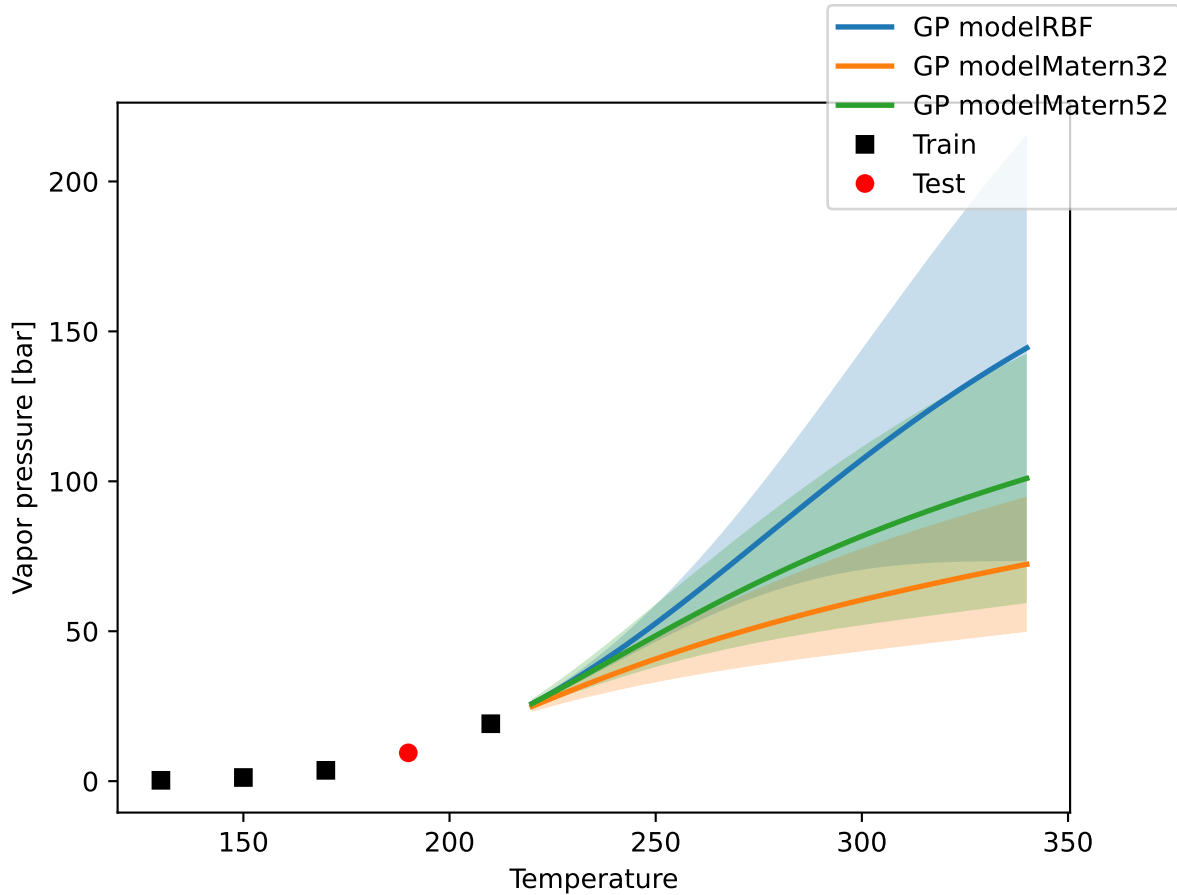


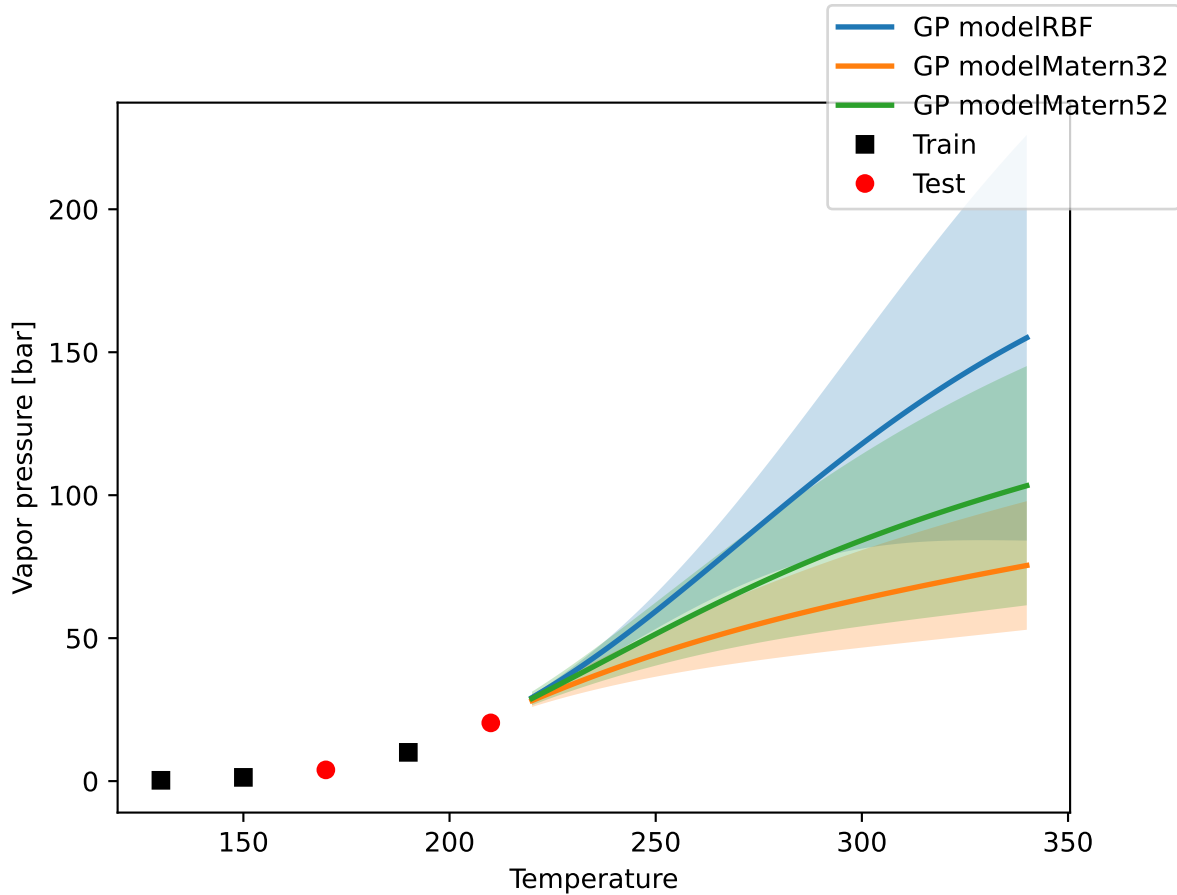


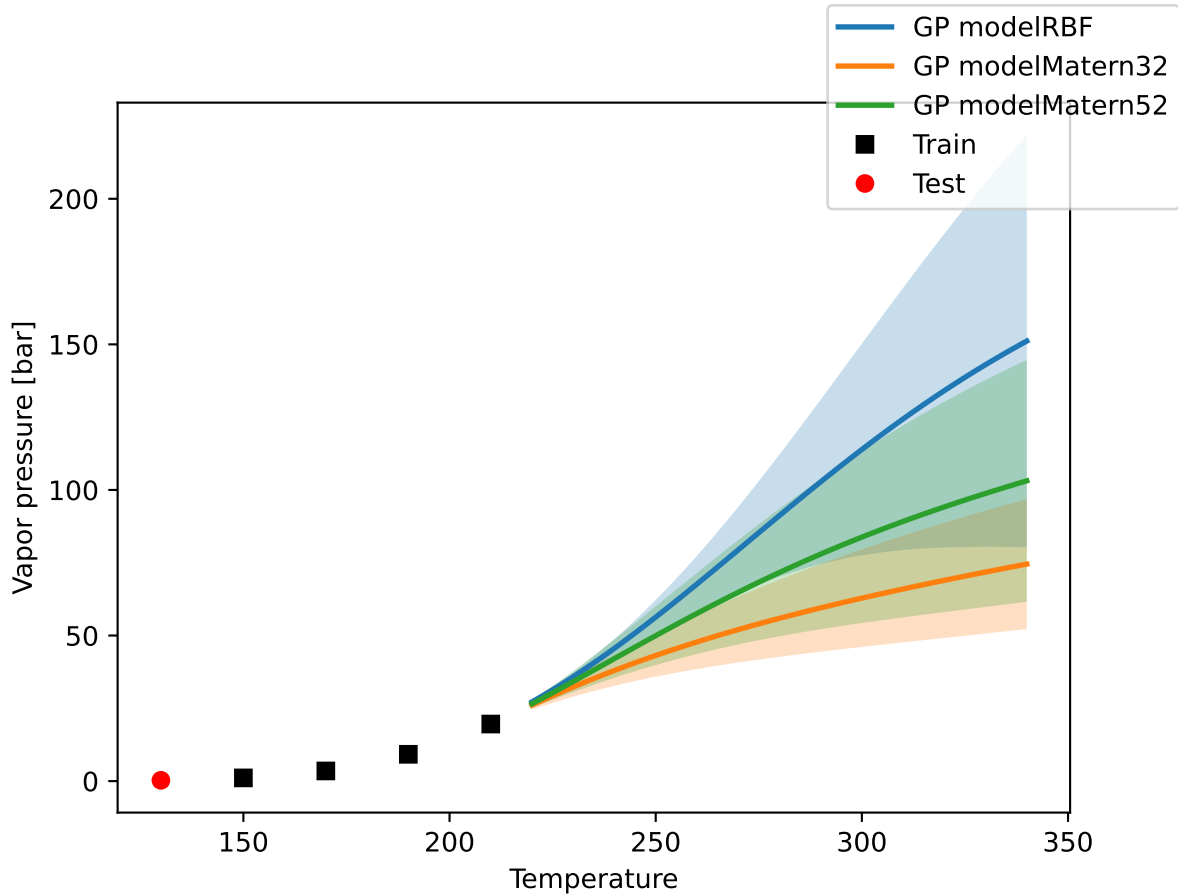


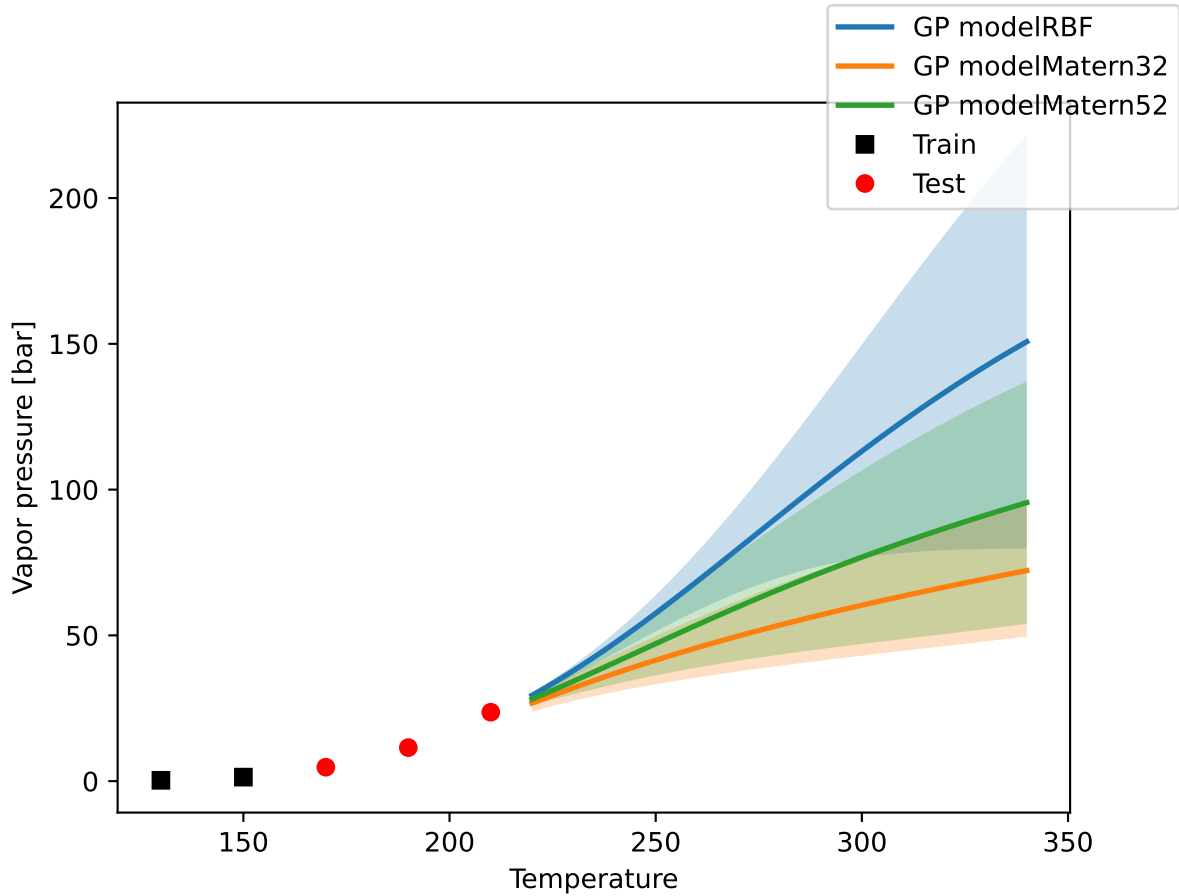


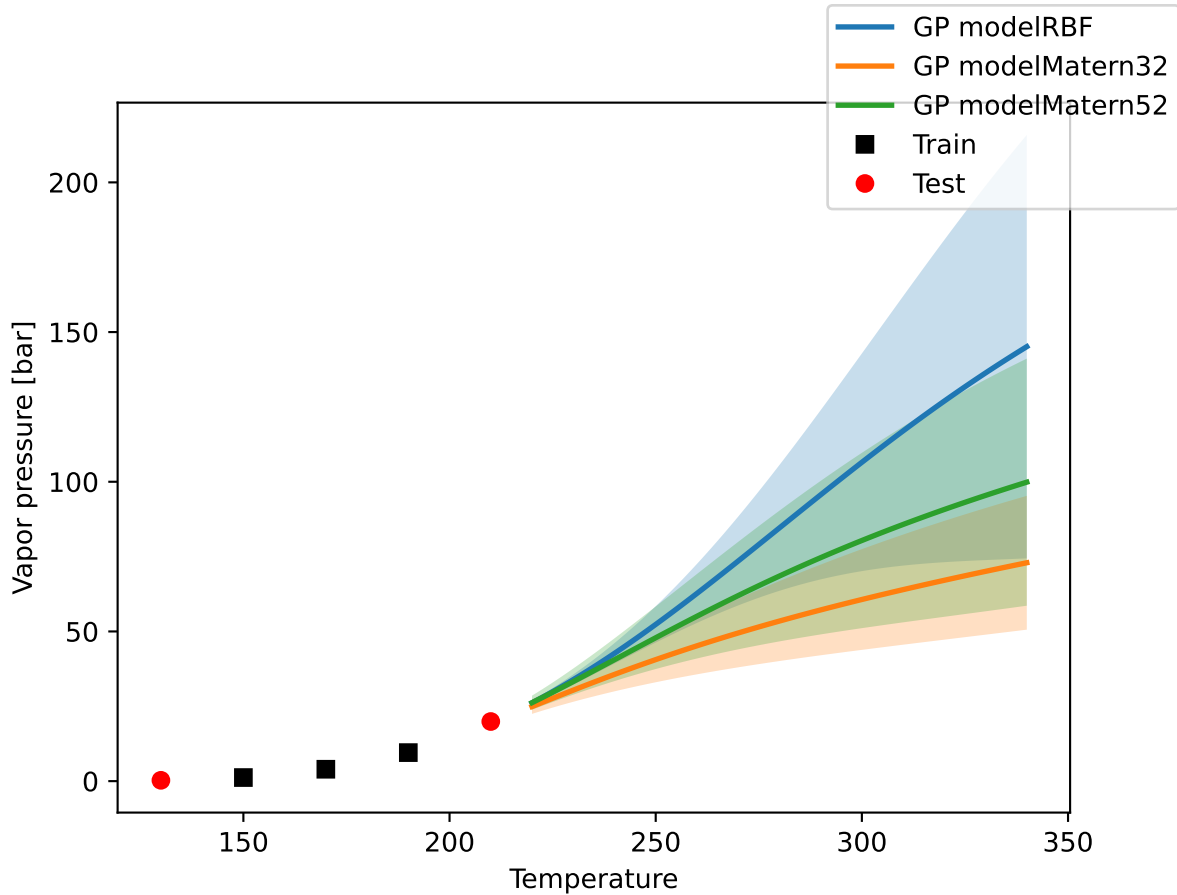




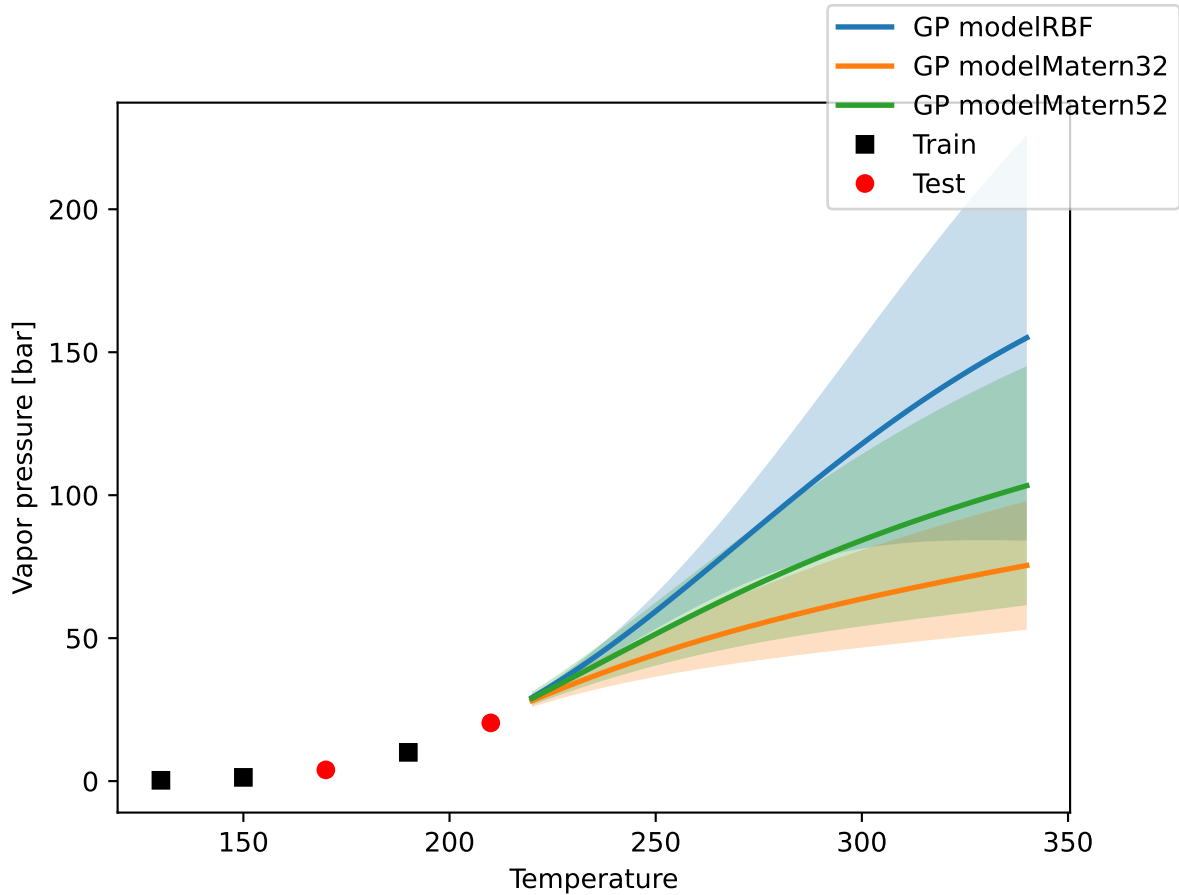


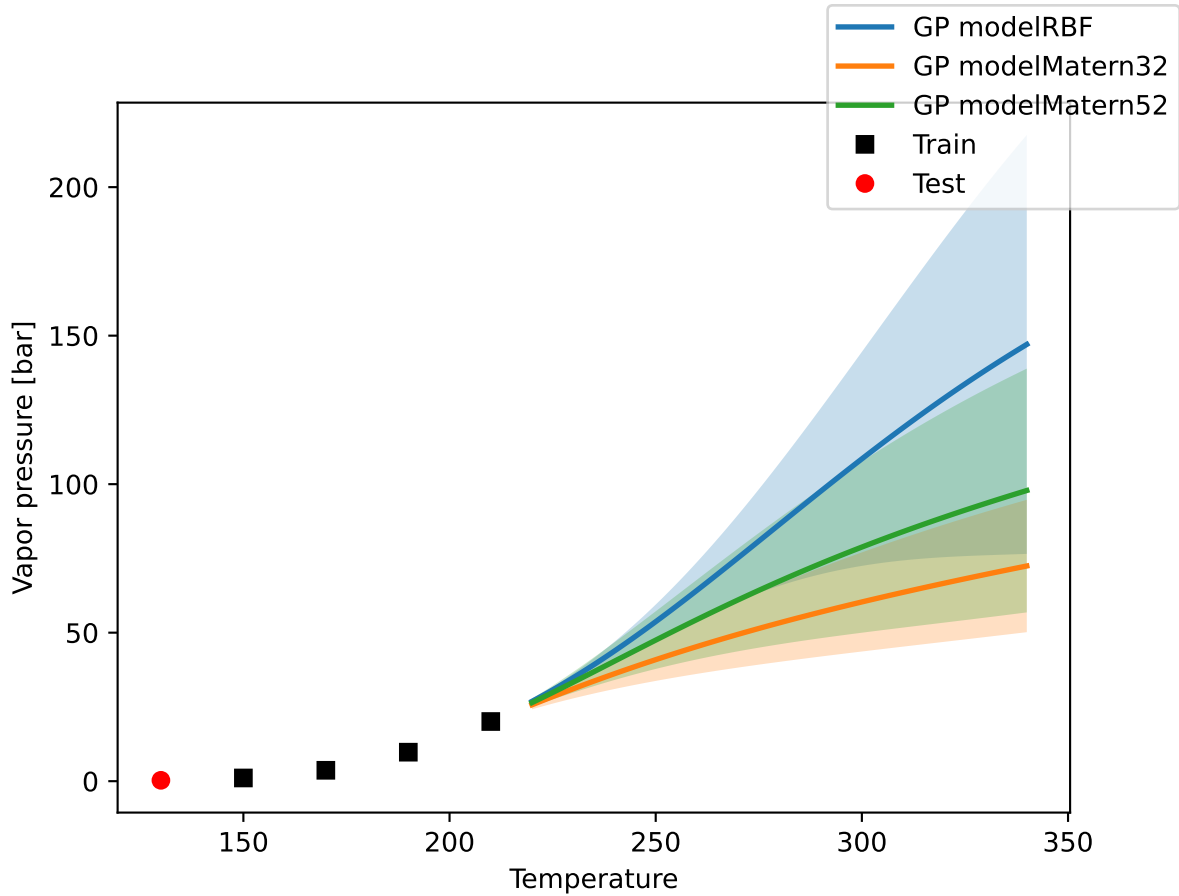


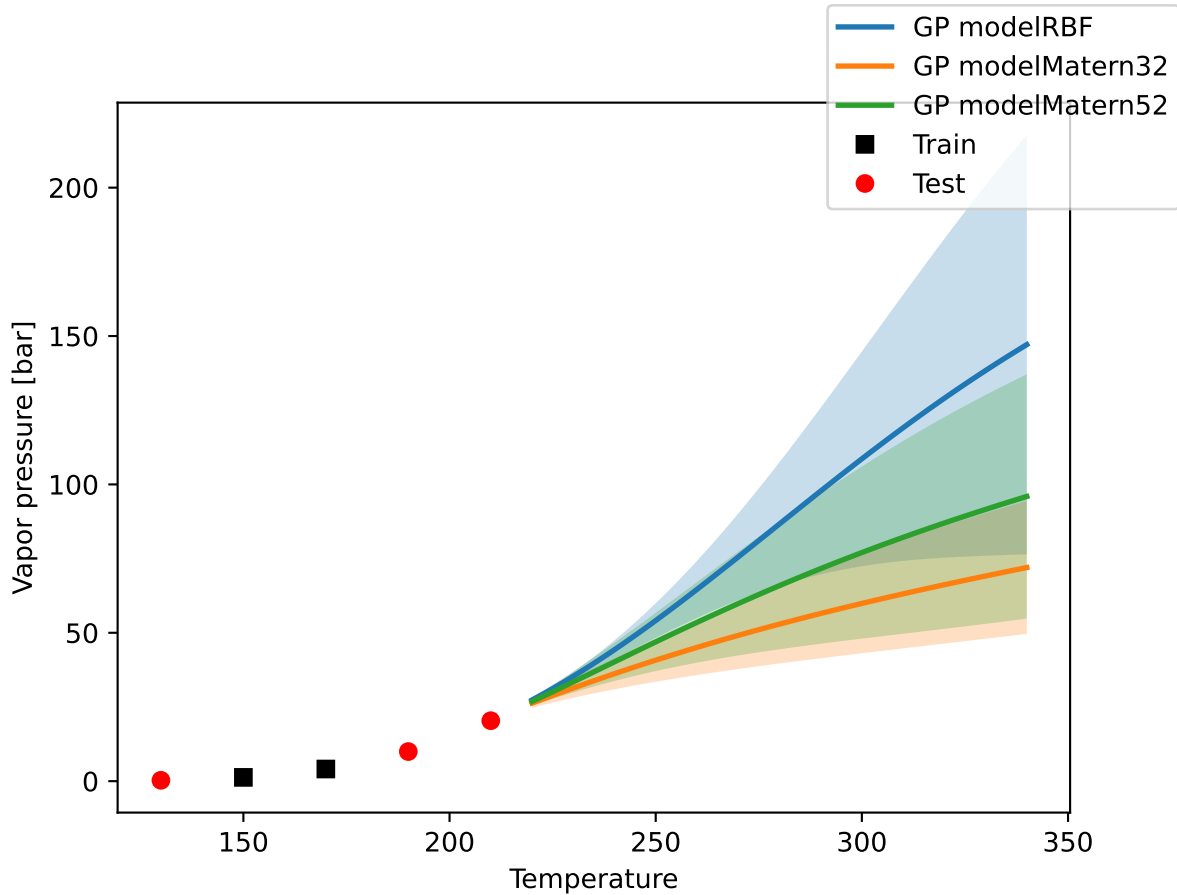


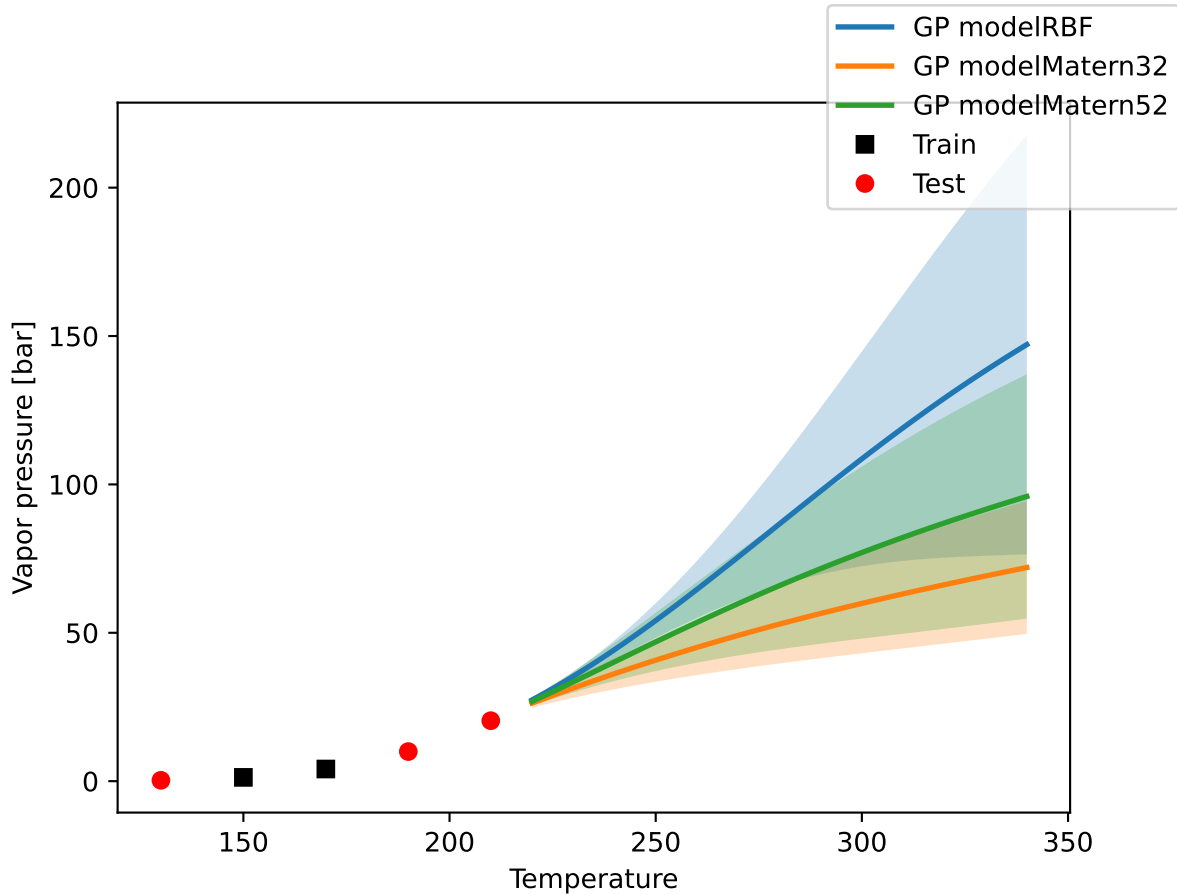


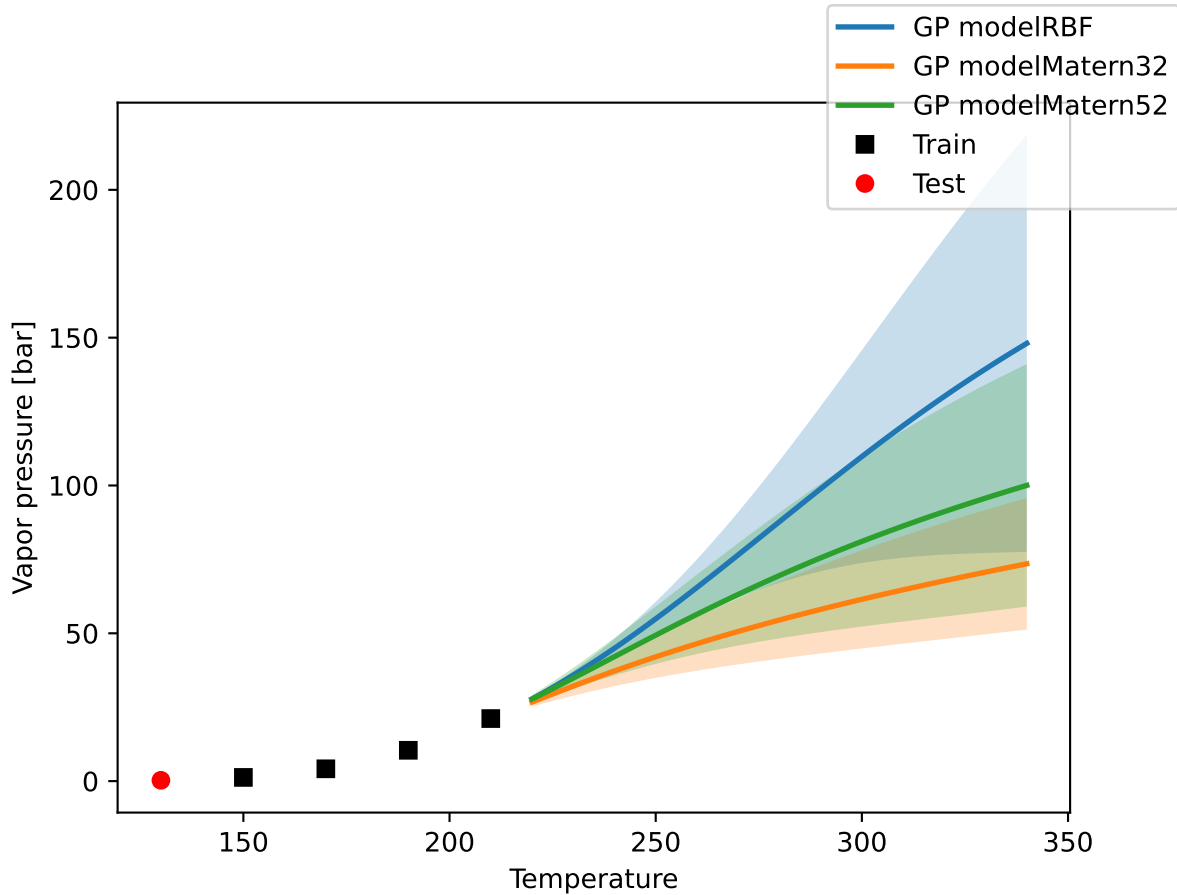


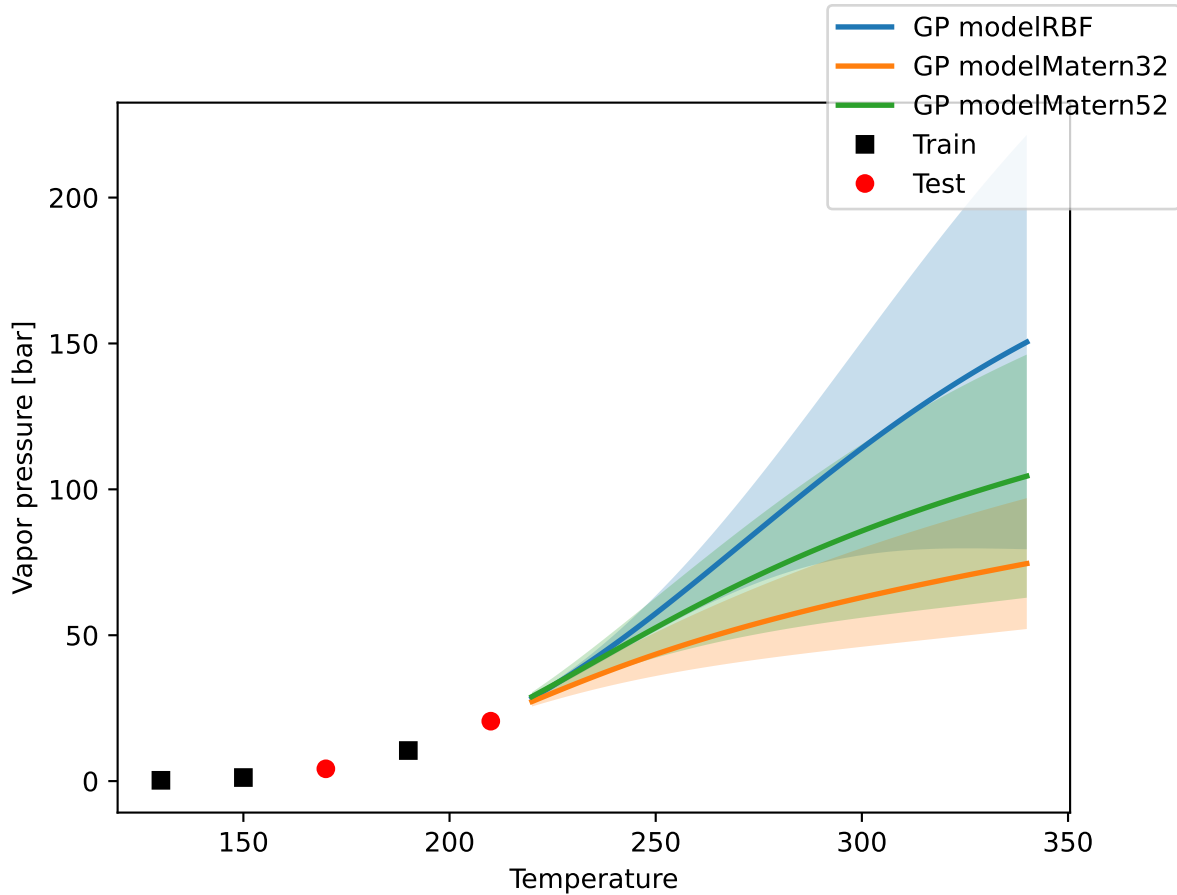


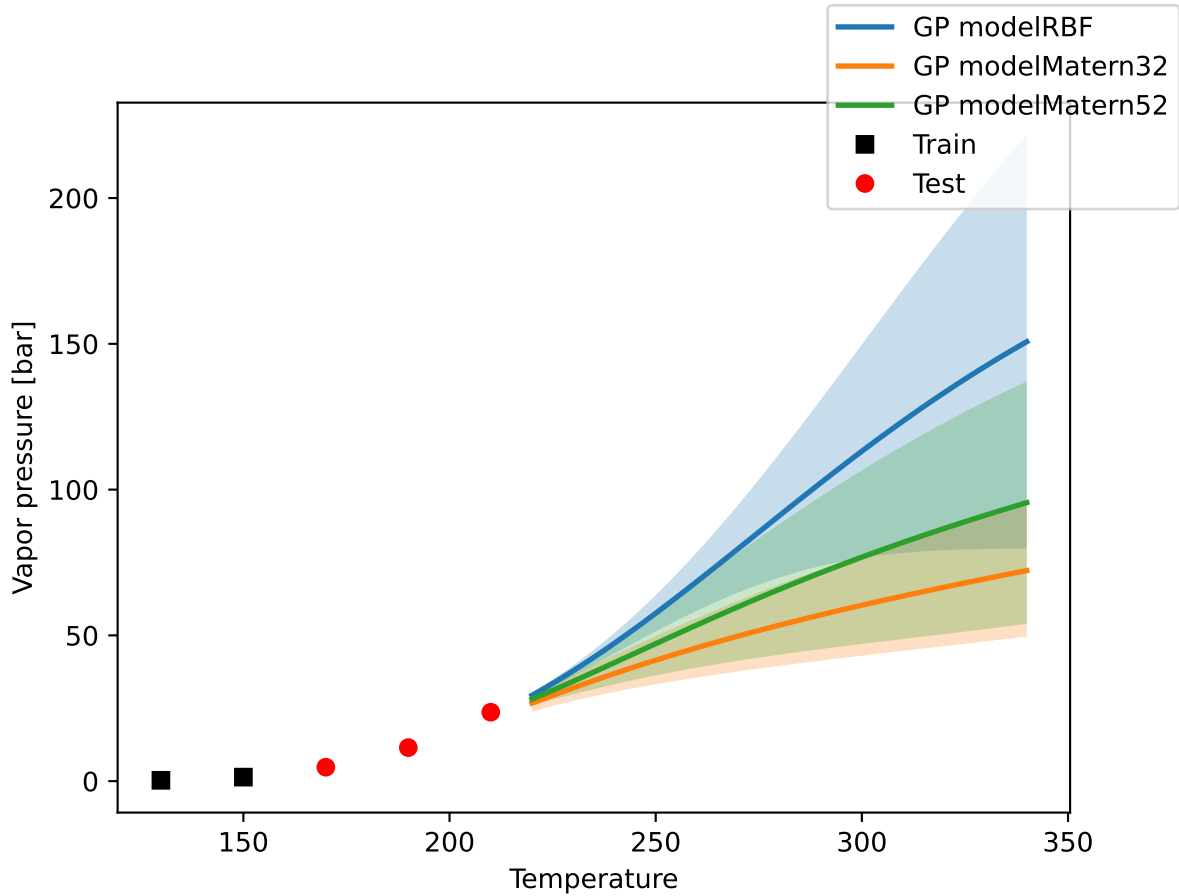


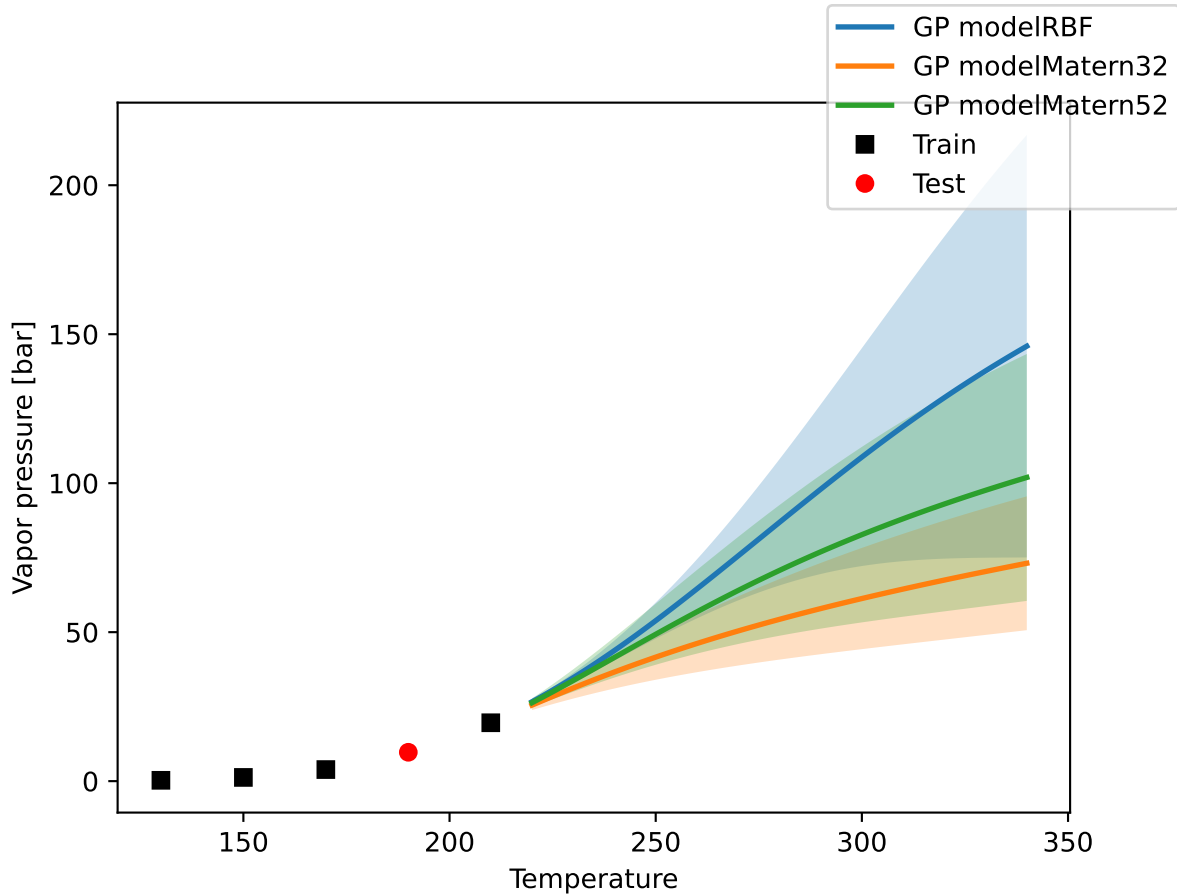




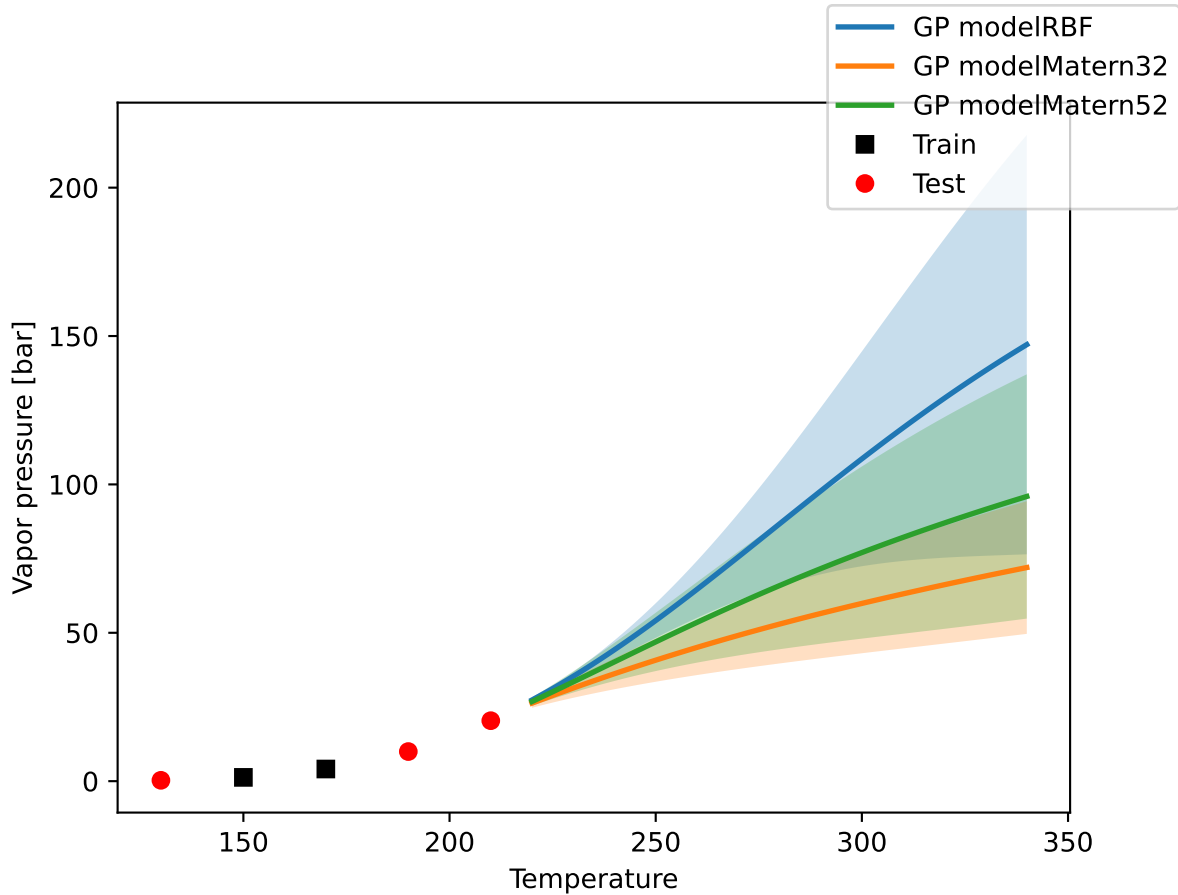


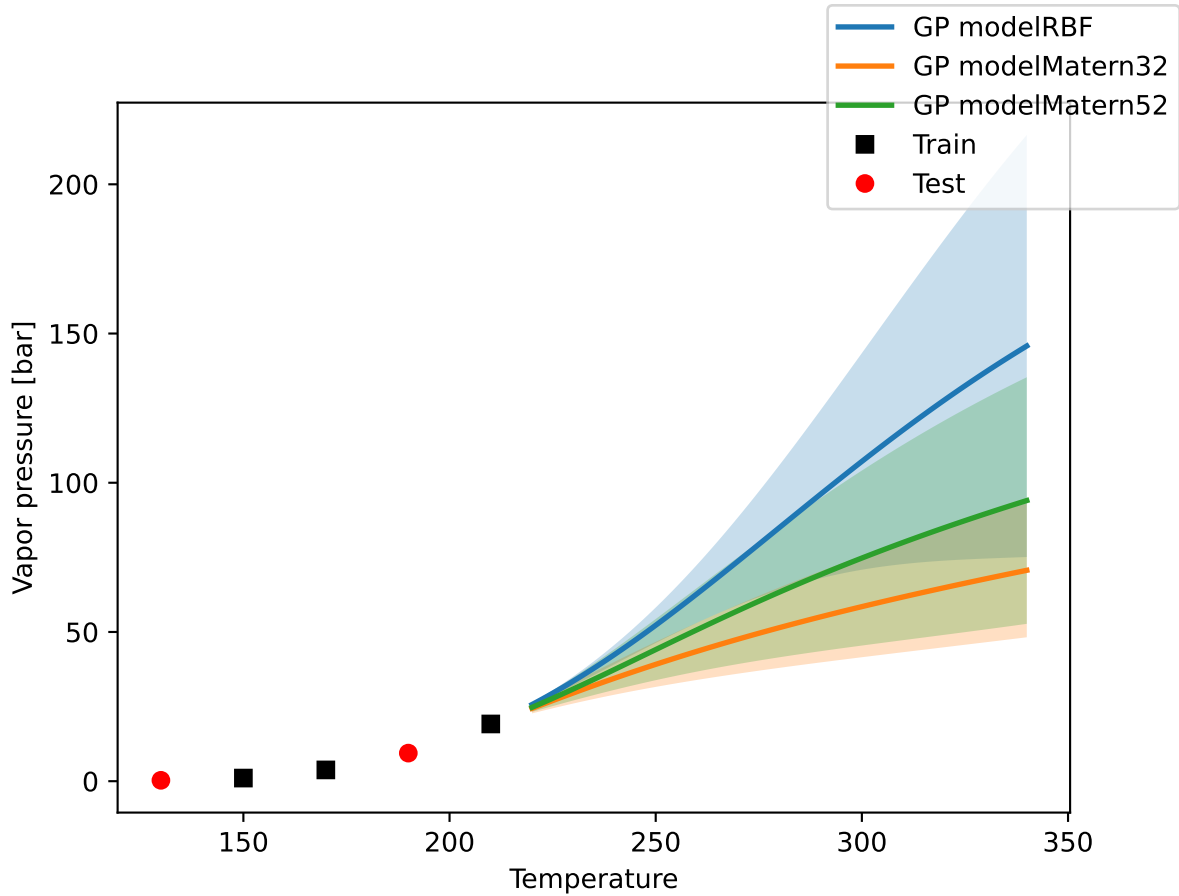


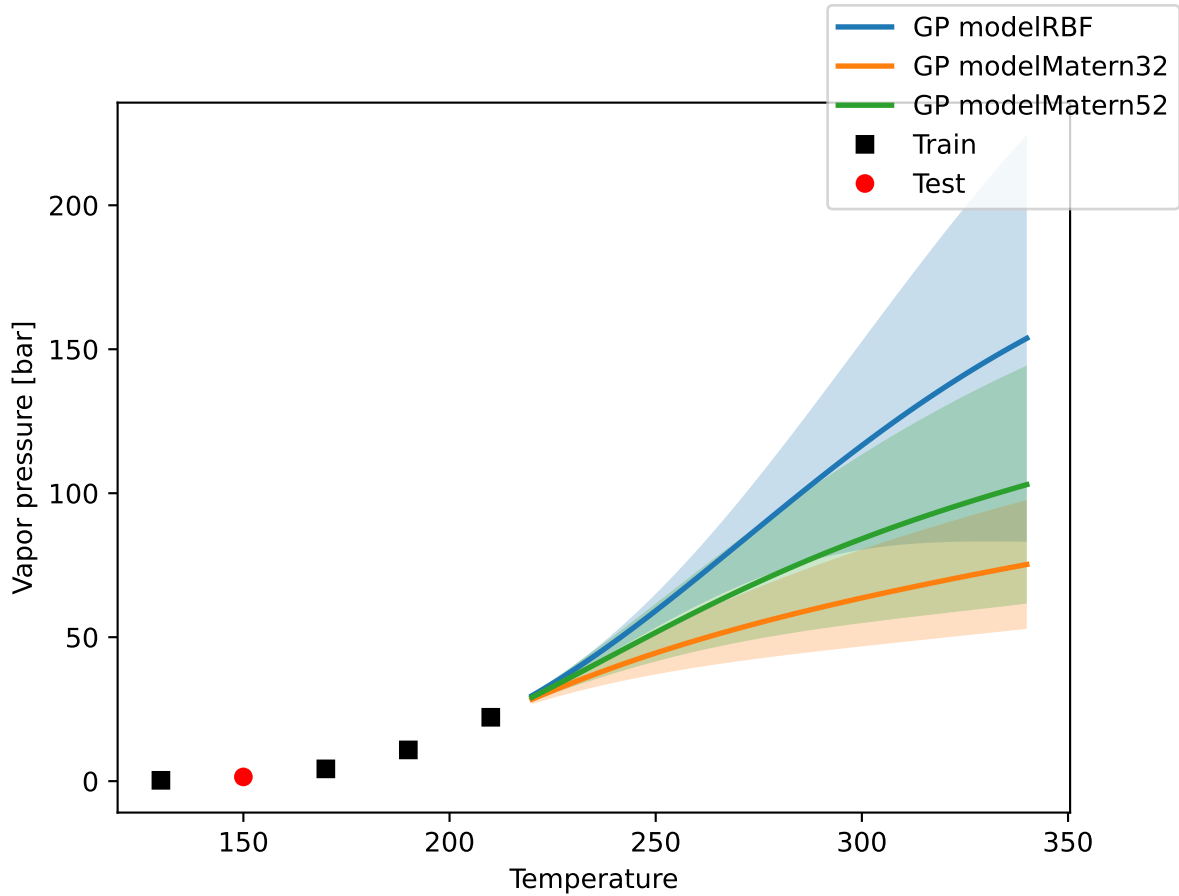


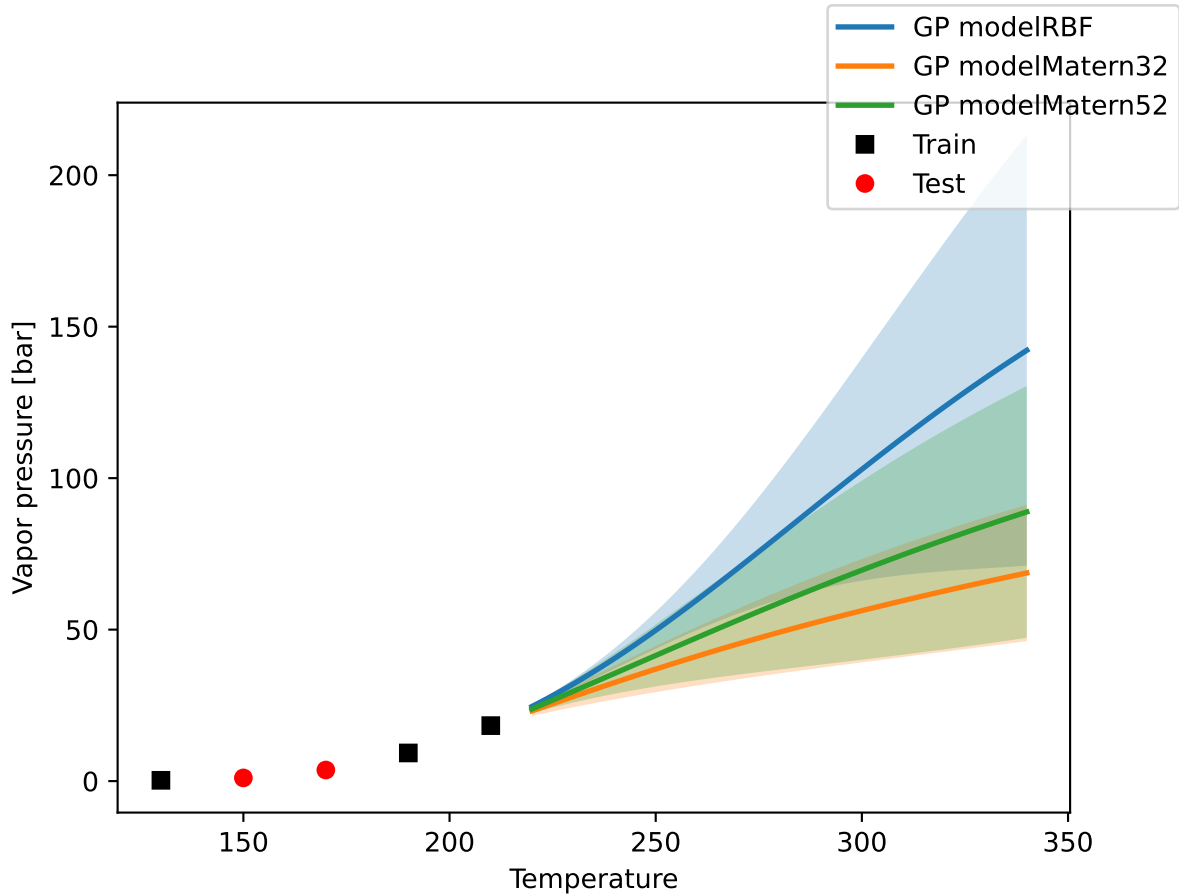


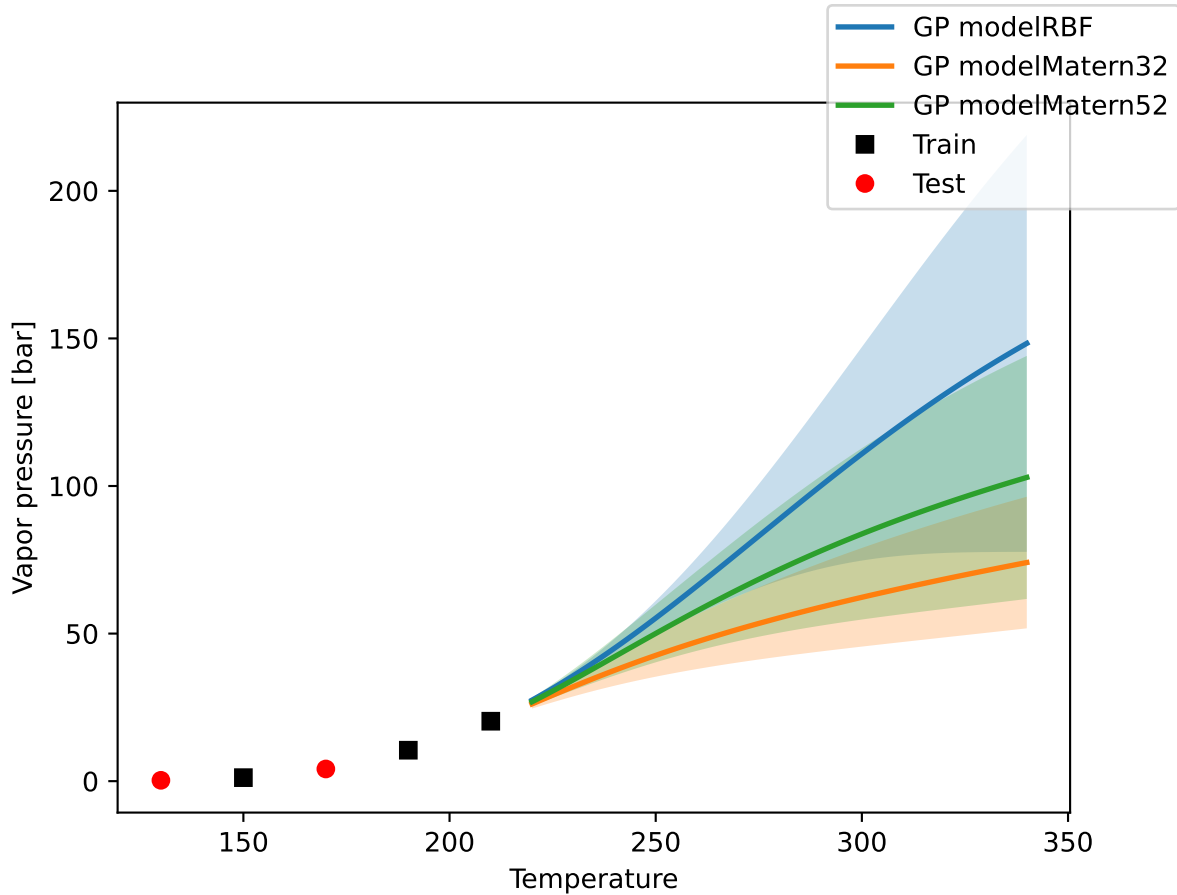


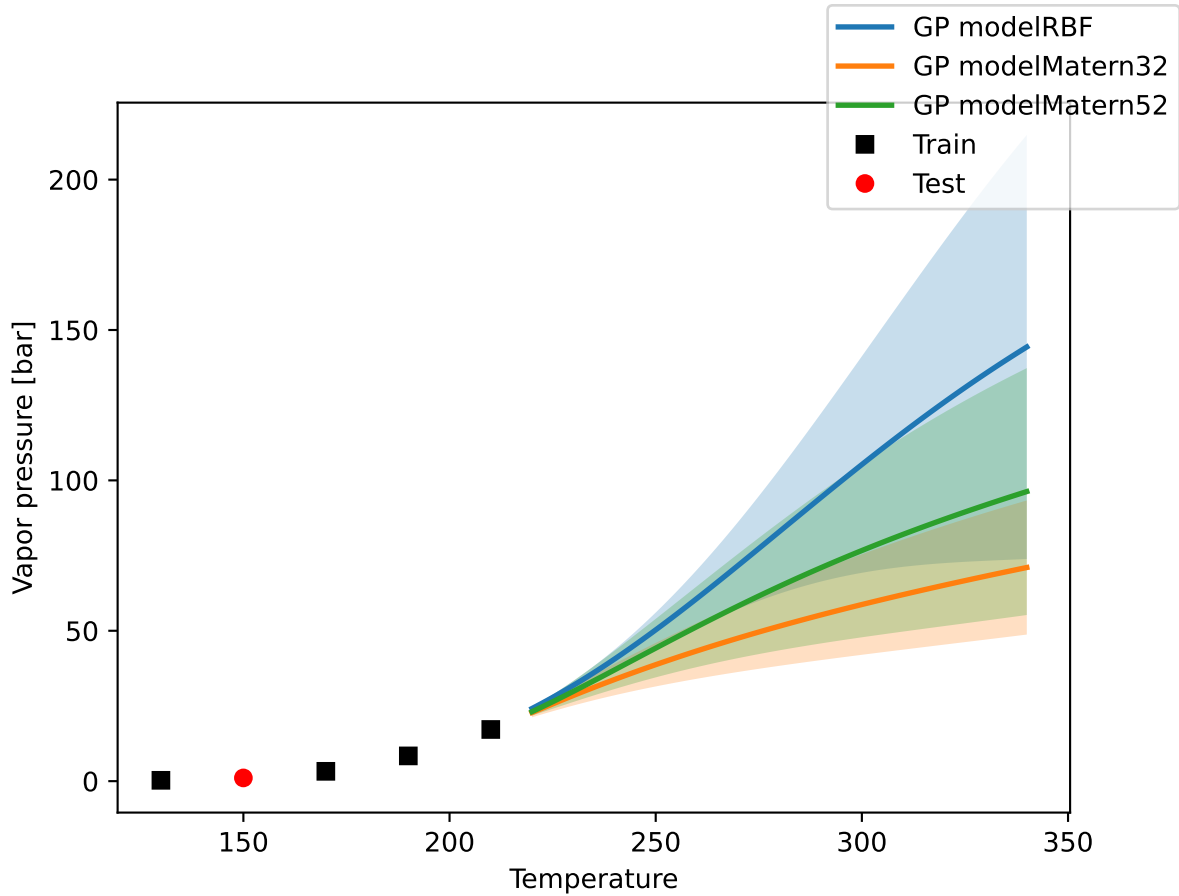


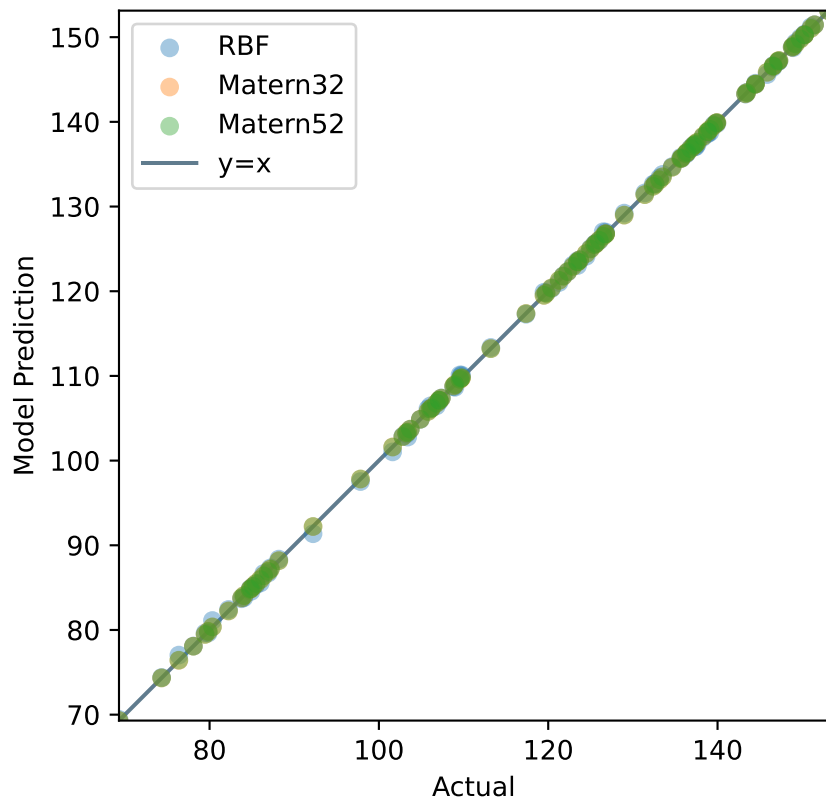


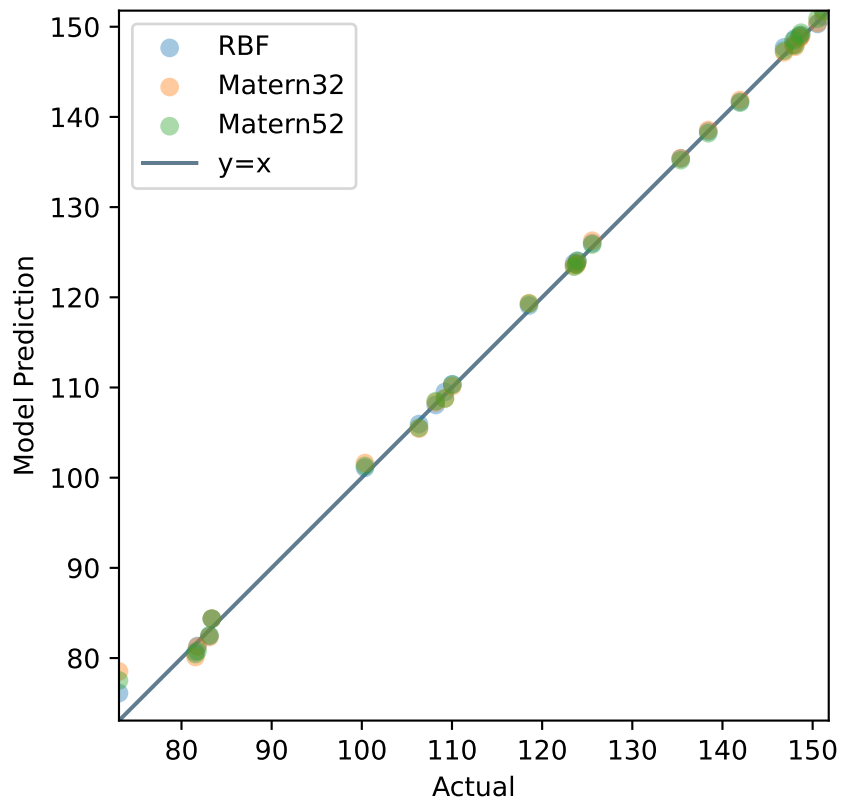






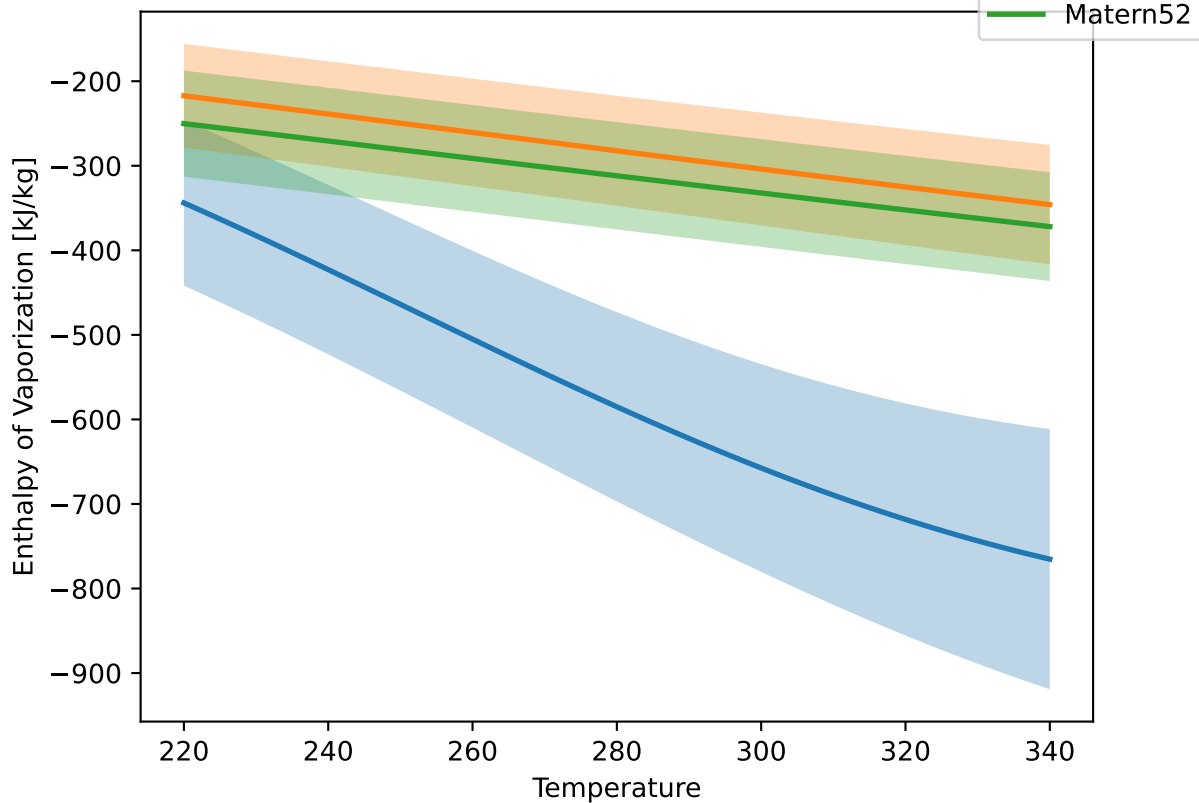


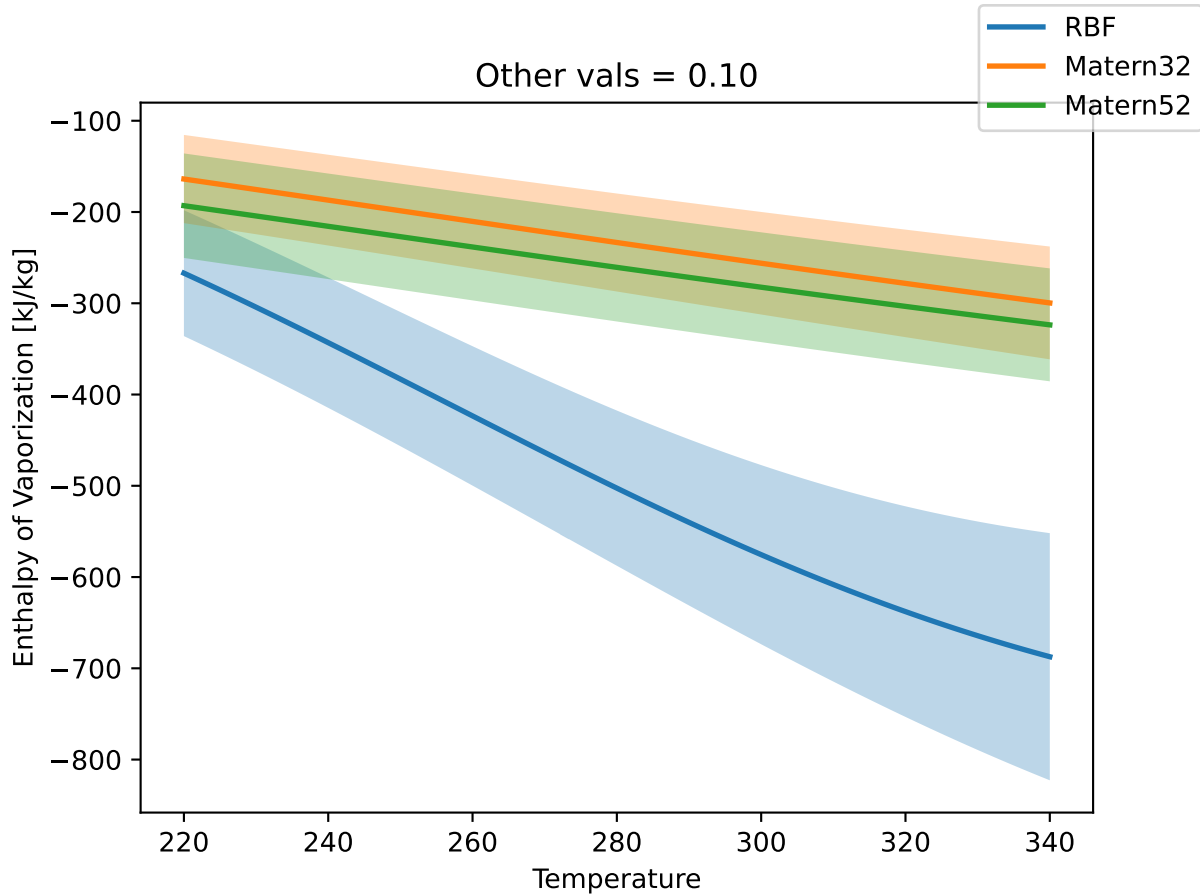




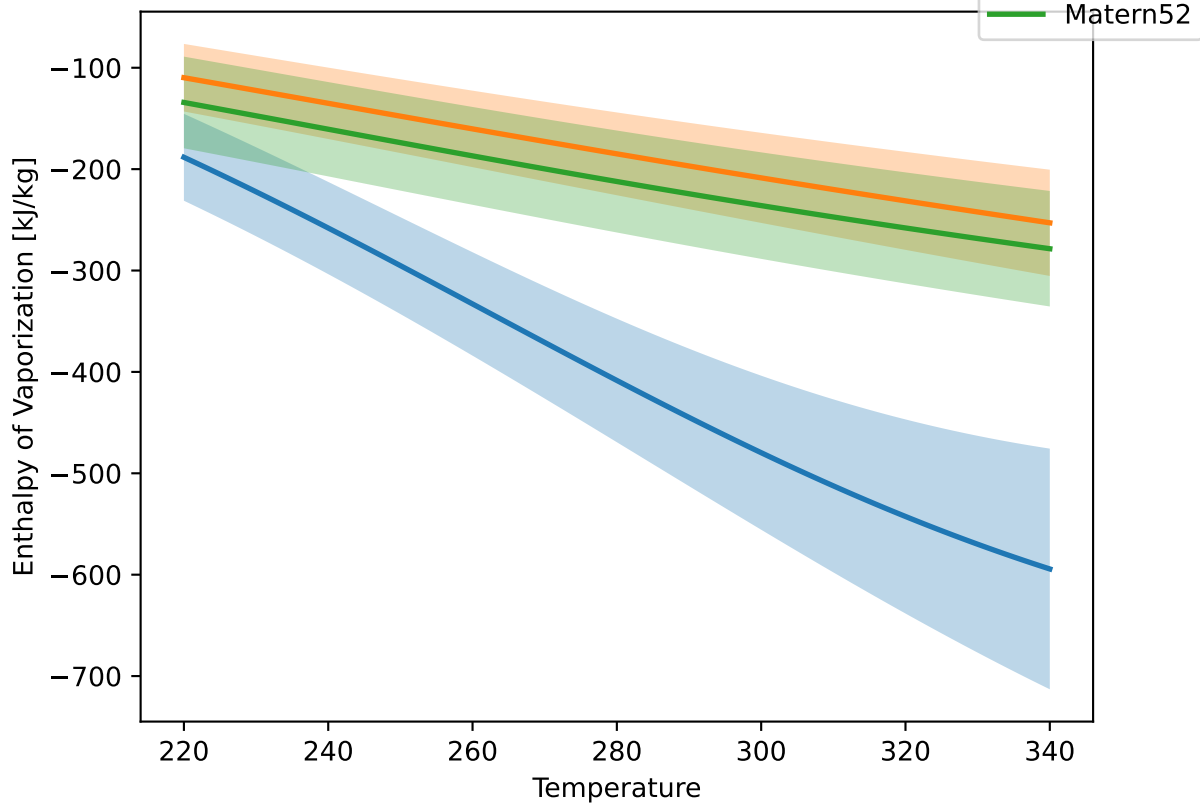


Other vals = 0.00

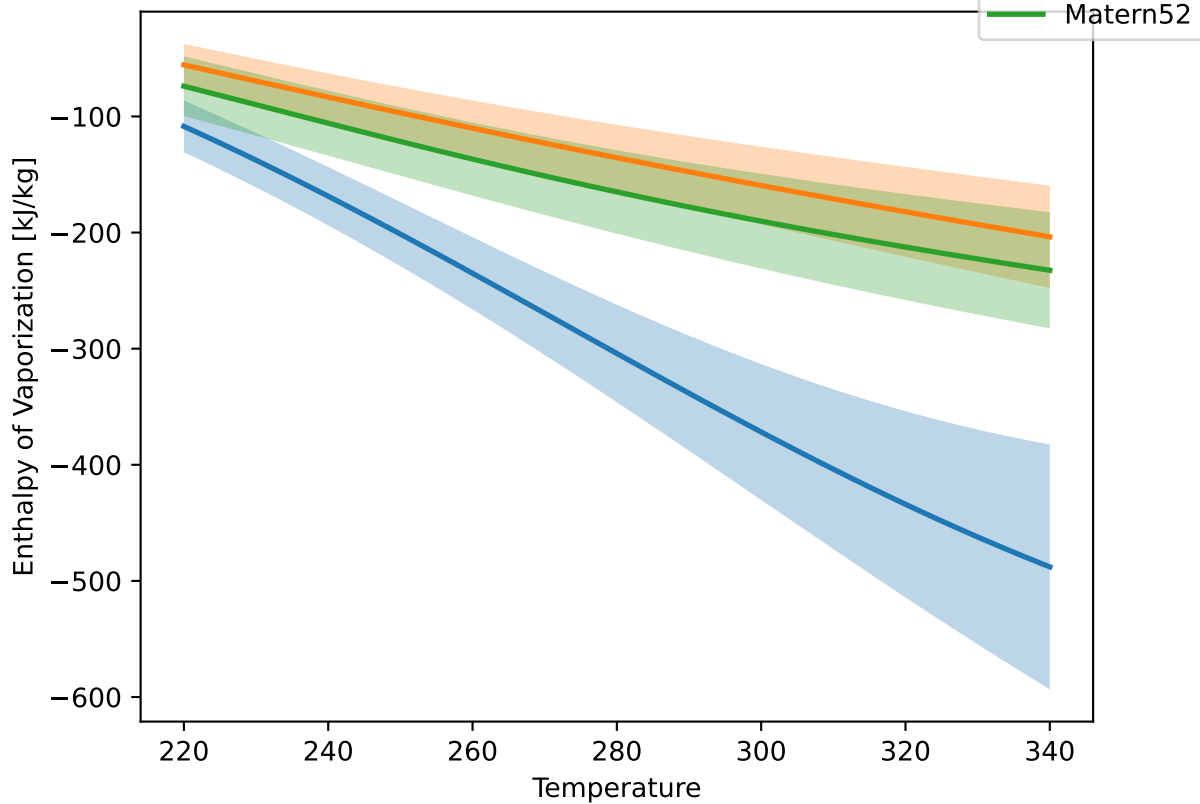


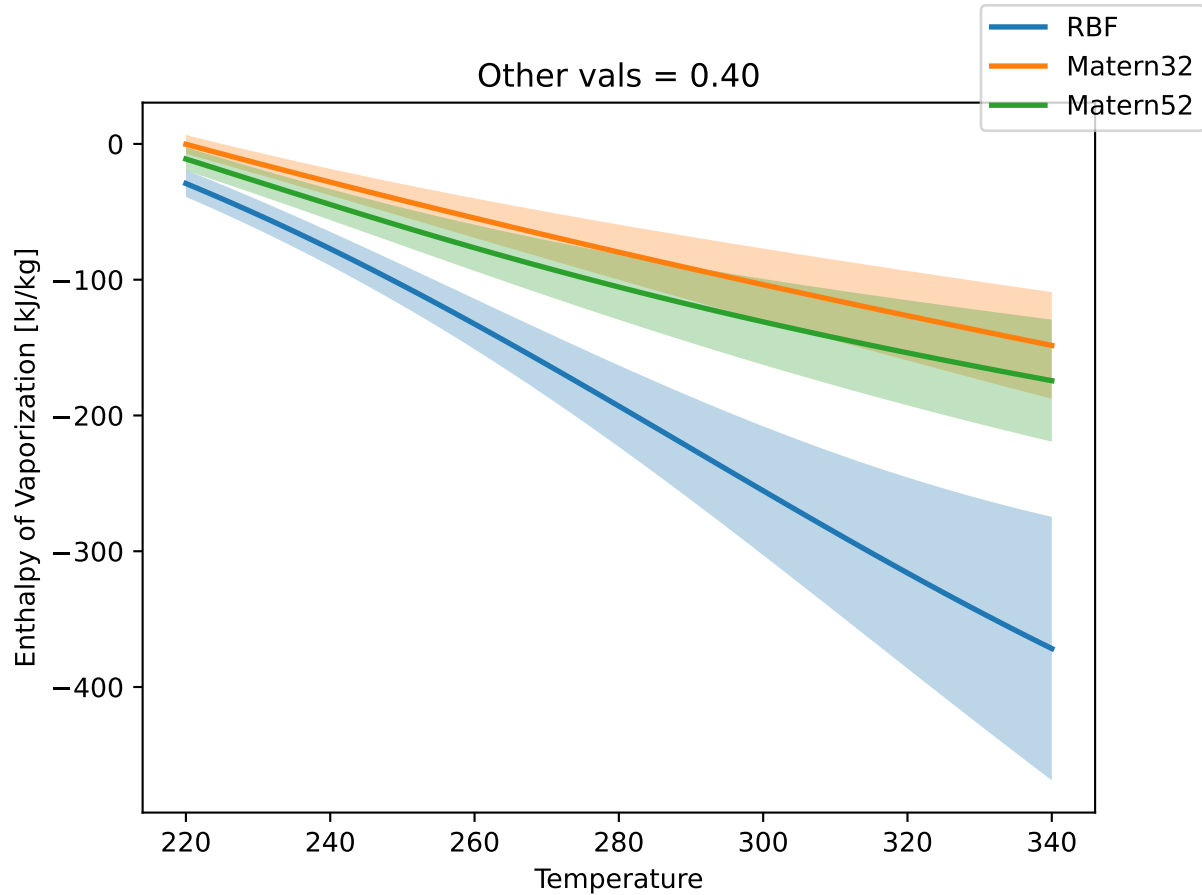


Other vals = 0.20

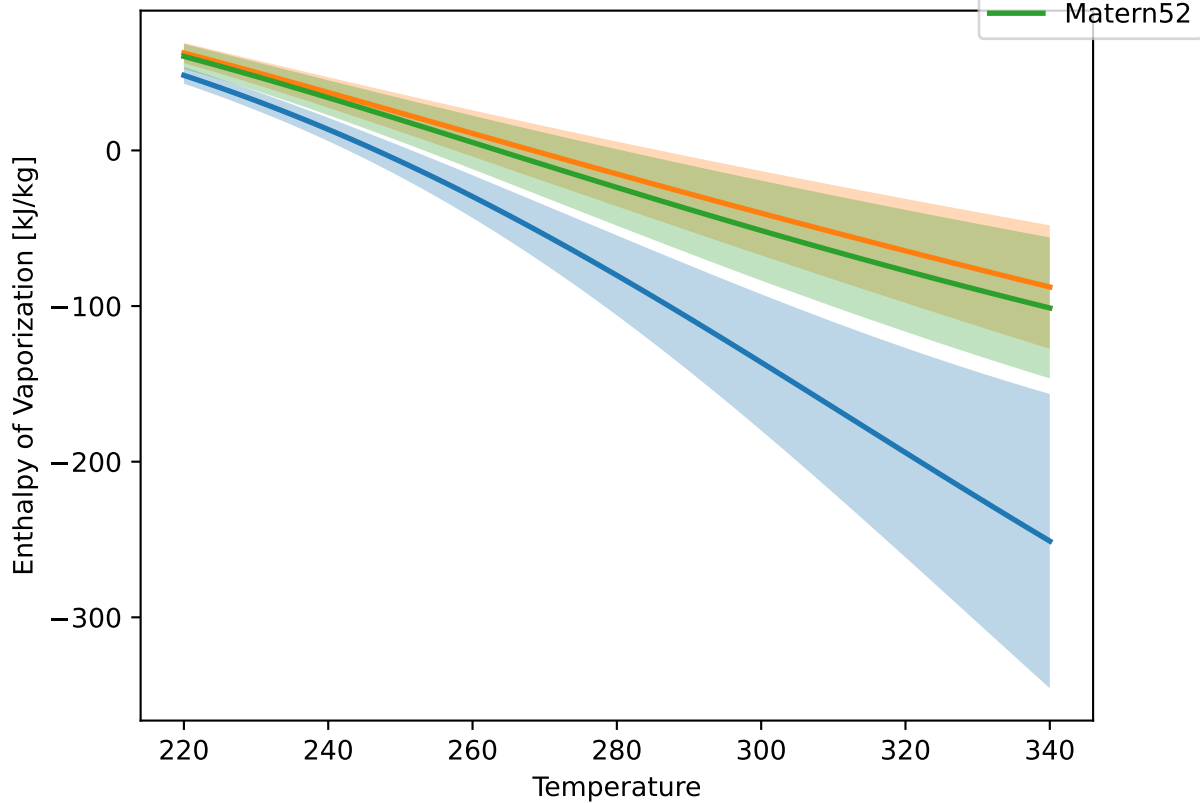


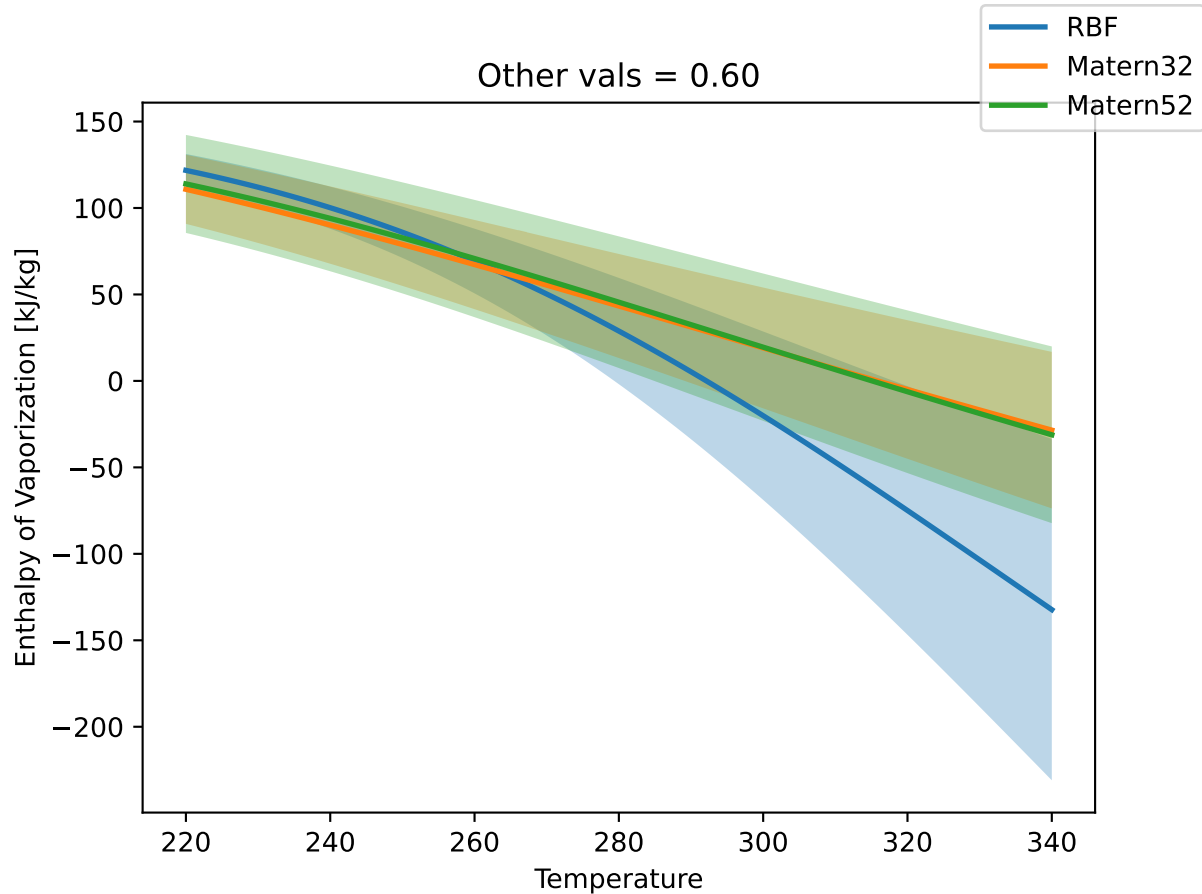
Other vals = 0.30



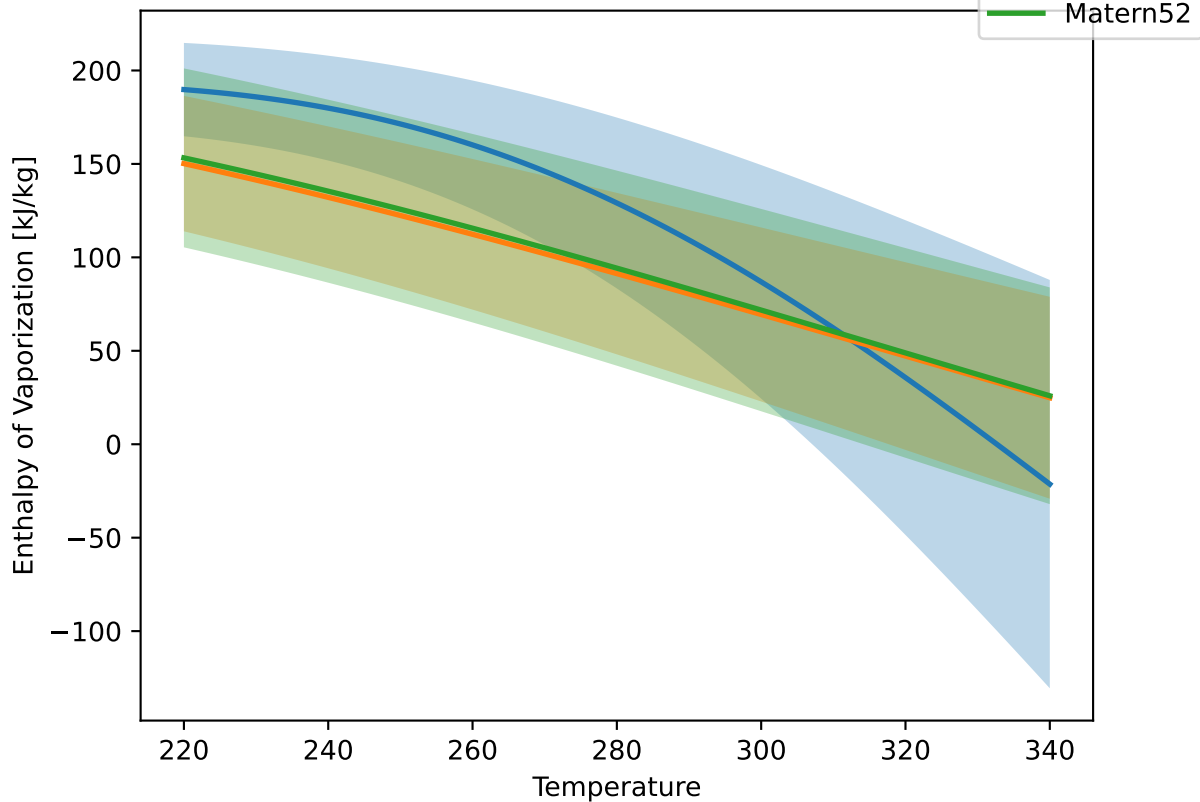


Other vals = 0.50



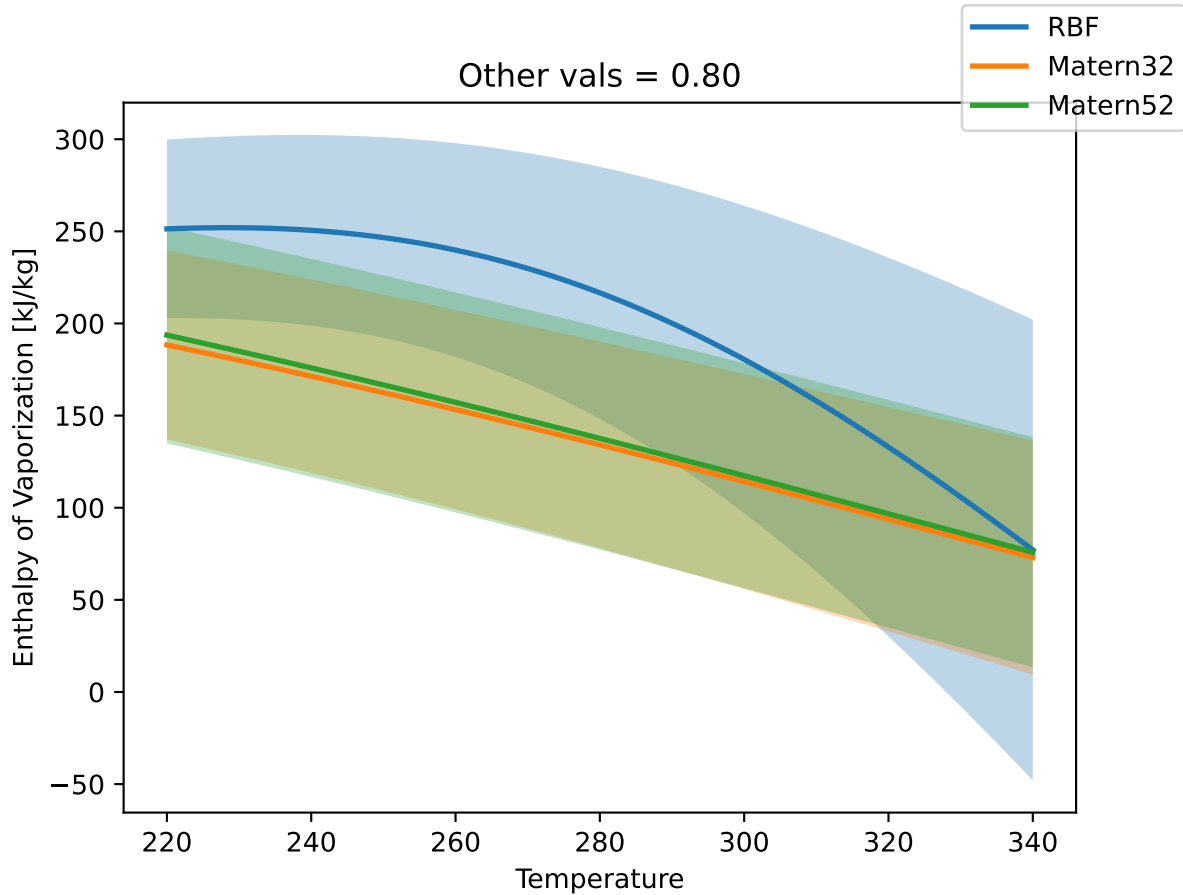


Other vals = 0.70

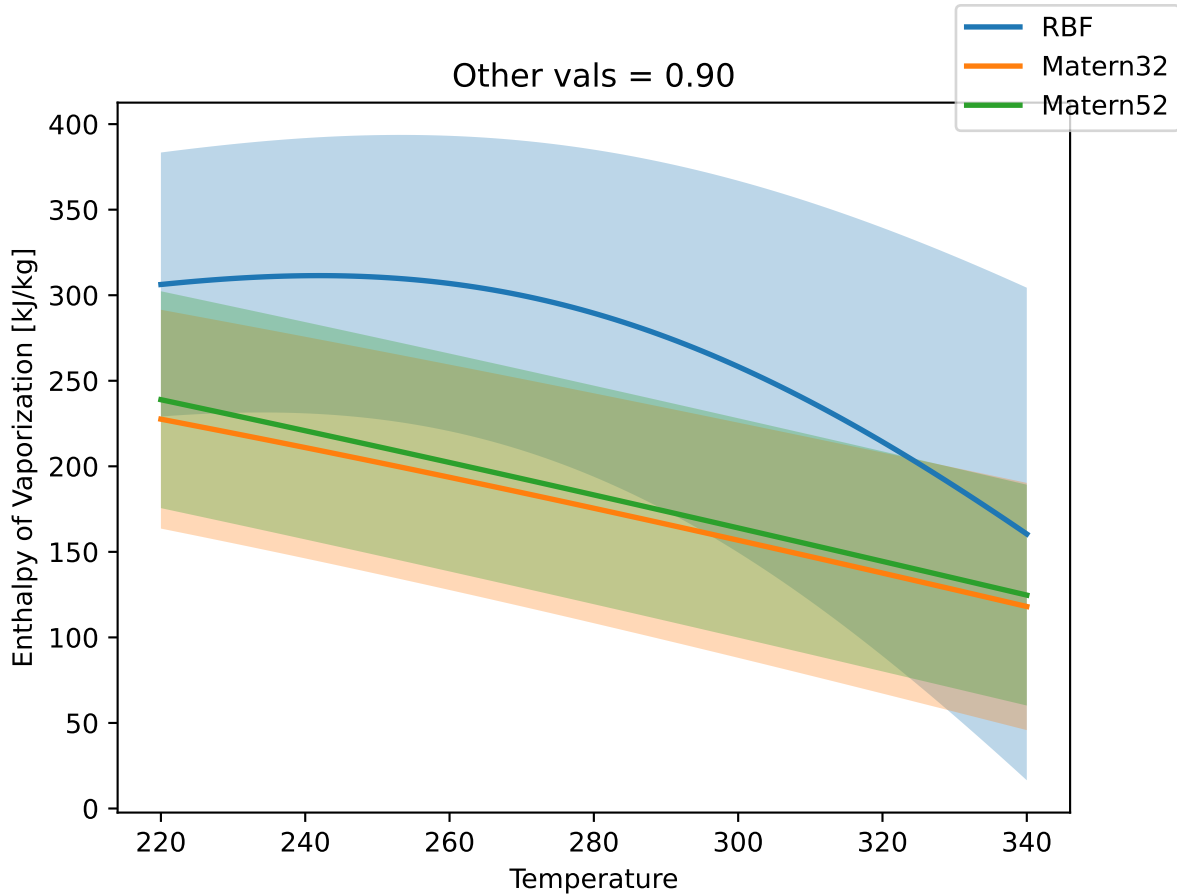




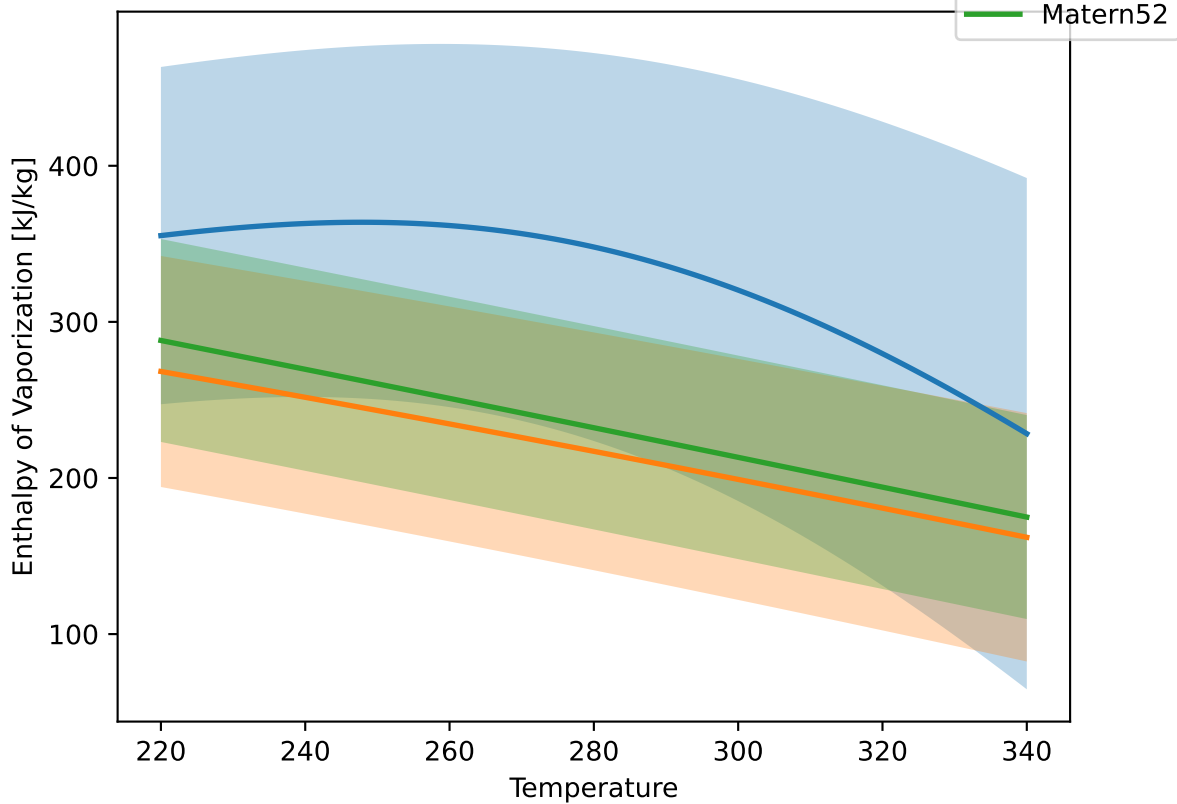
Other vals = 0.80

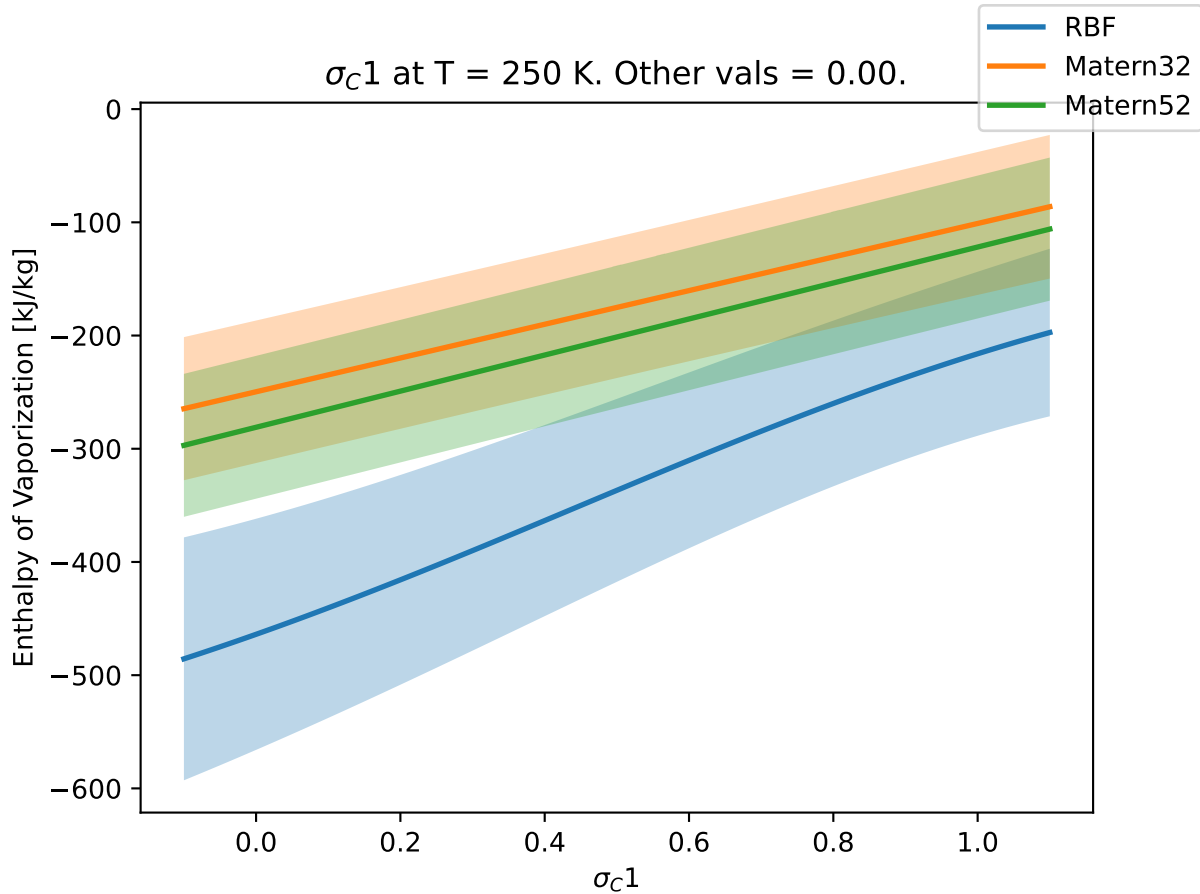


Other vals = 0.90

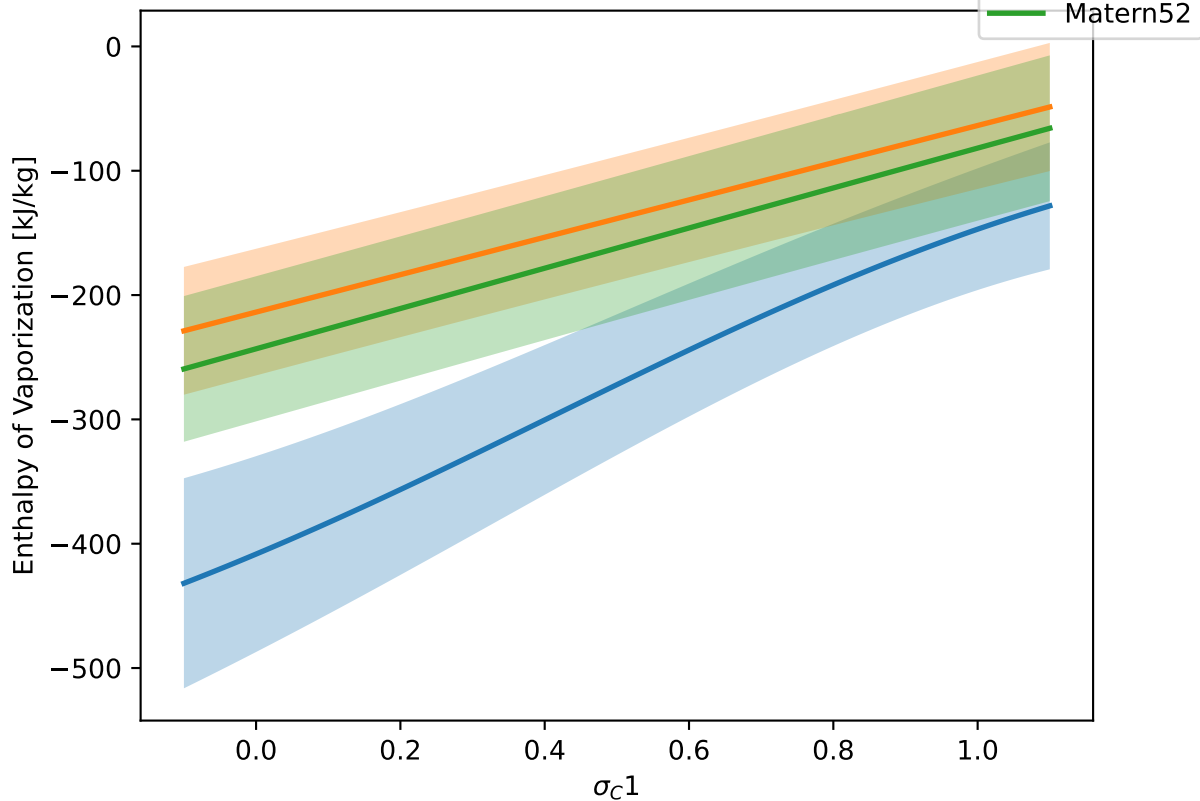


Other vals = 1.00

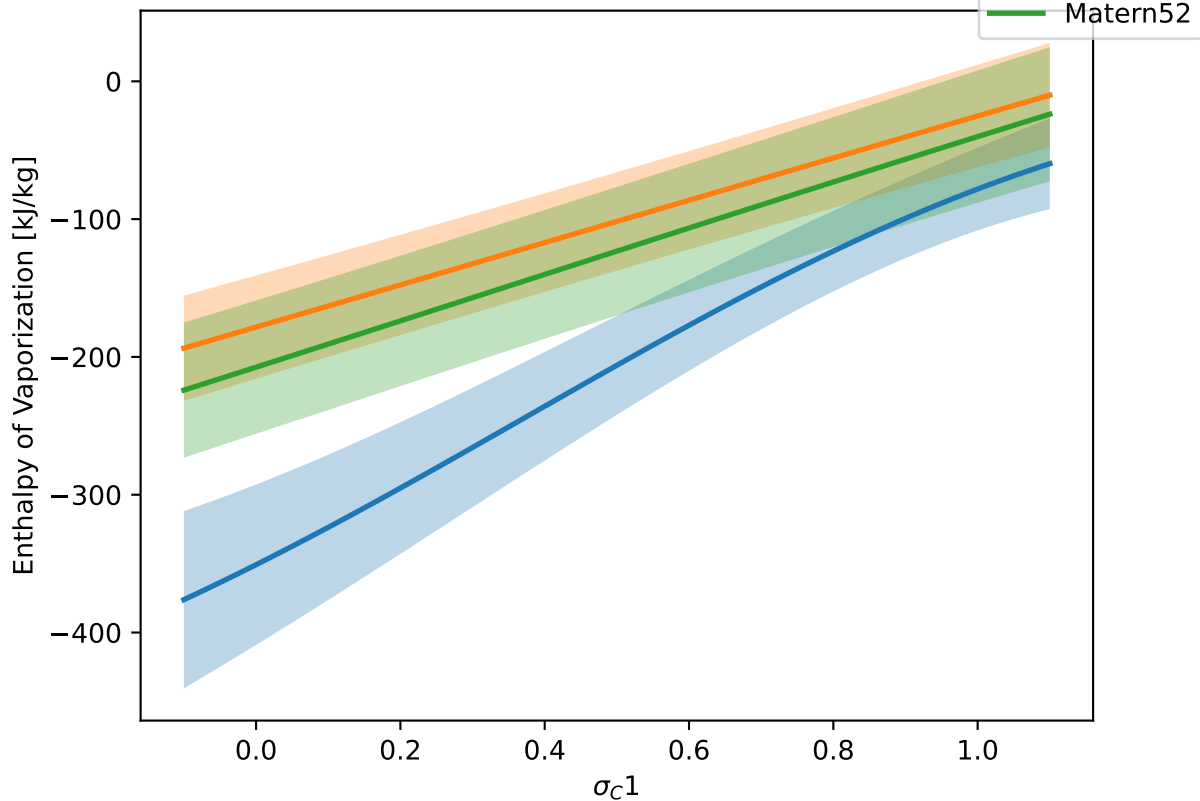




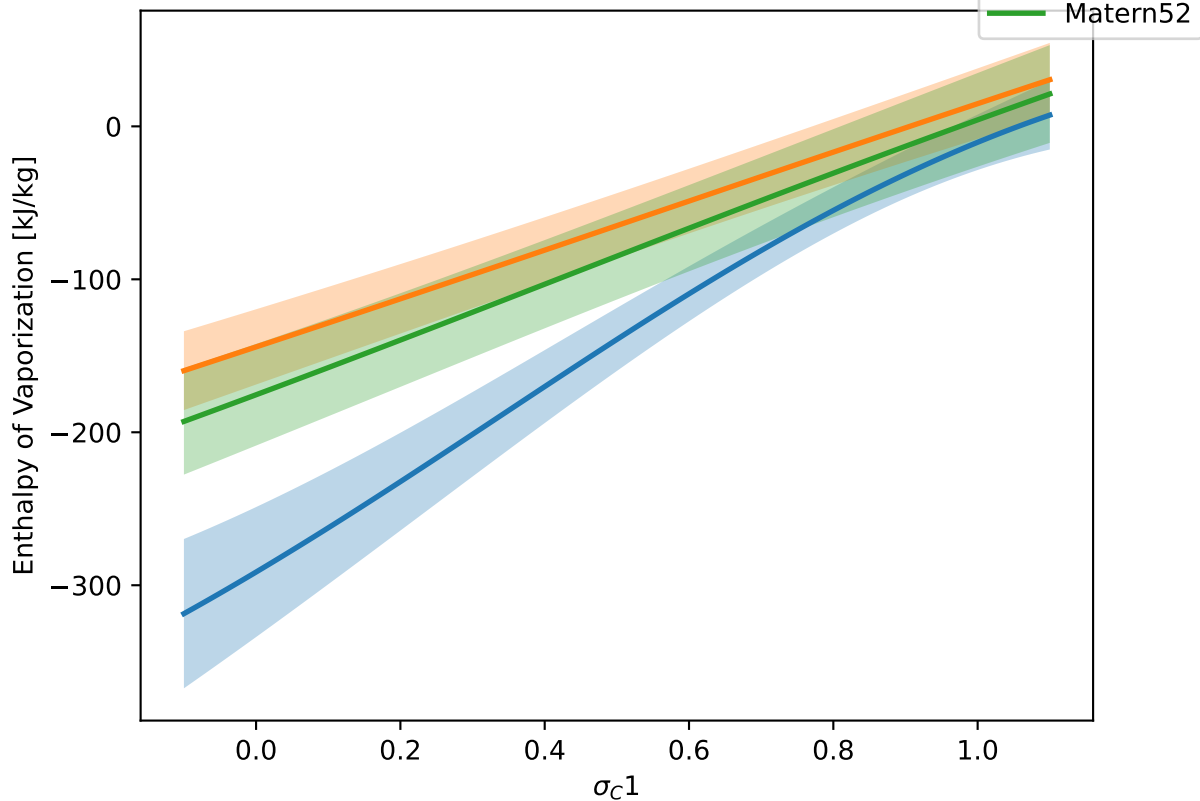
$\sigma_C1$  at T = 250 K. Other vals = 0.10.



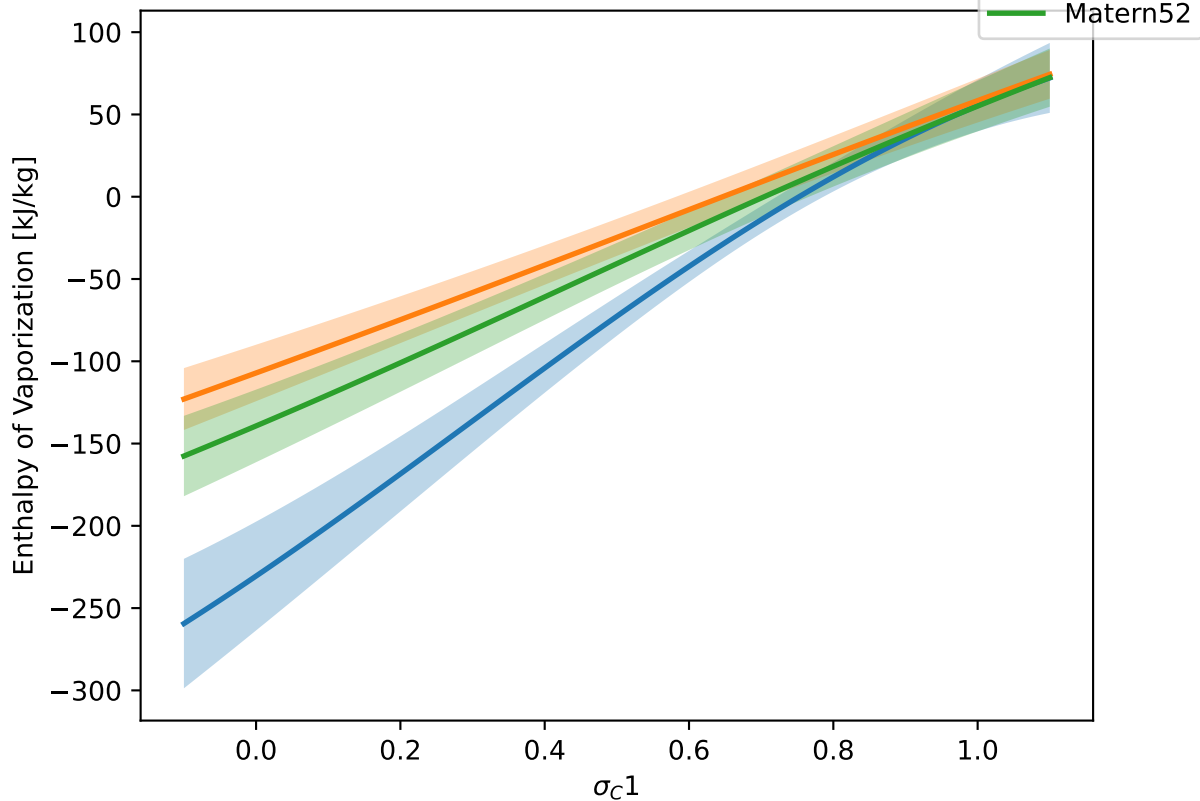
$\sigma_{C1}$  at T = 250 K. Other vals = 0.20.



$\sigma_{C1}$  at T = 250 K. Other vals = 0.30.

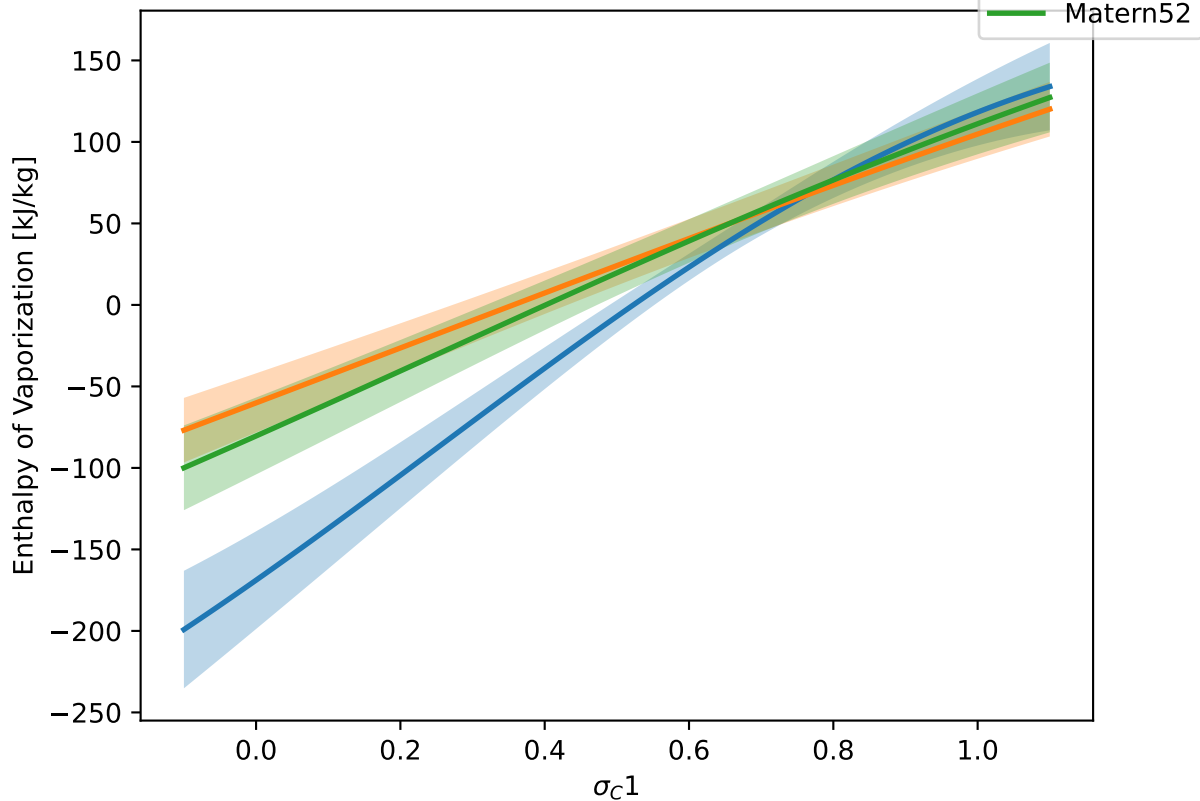


$\sigma_c1$  at T = 250 K. Other vals = 0.40.

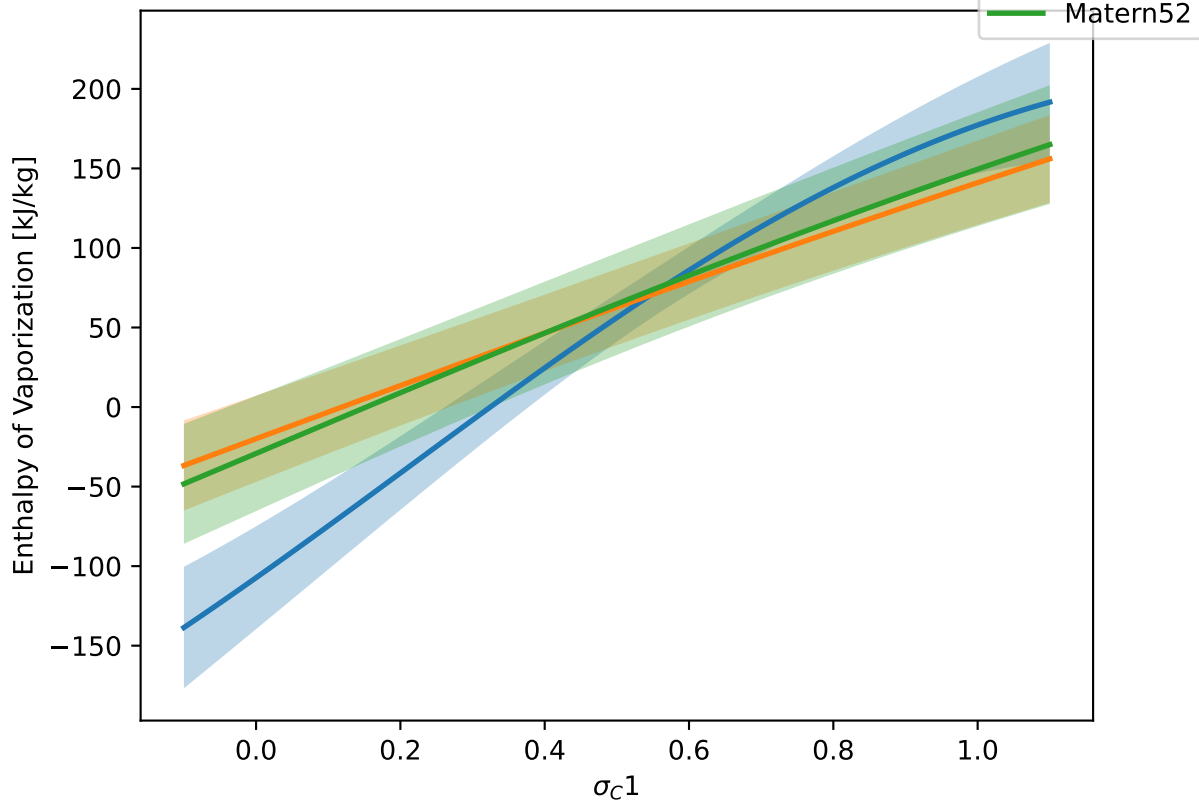


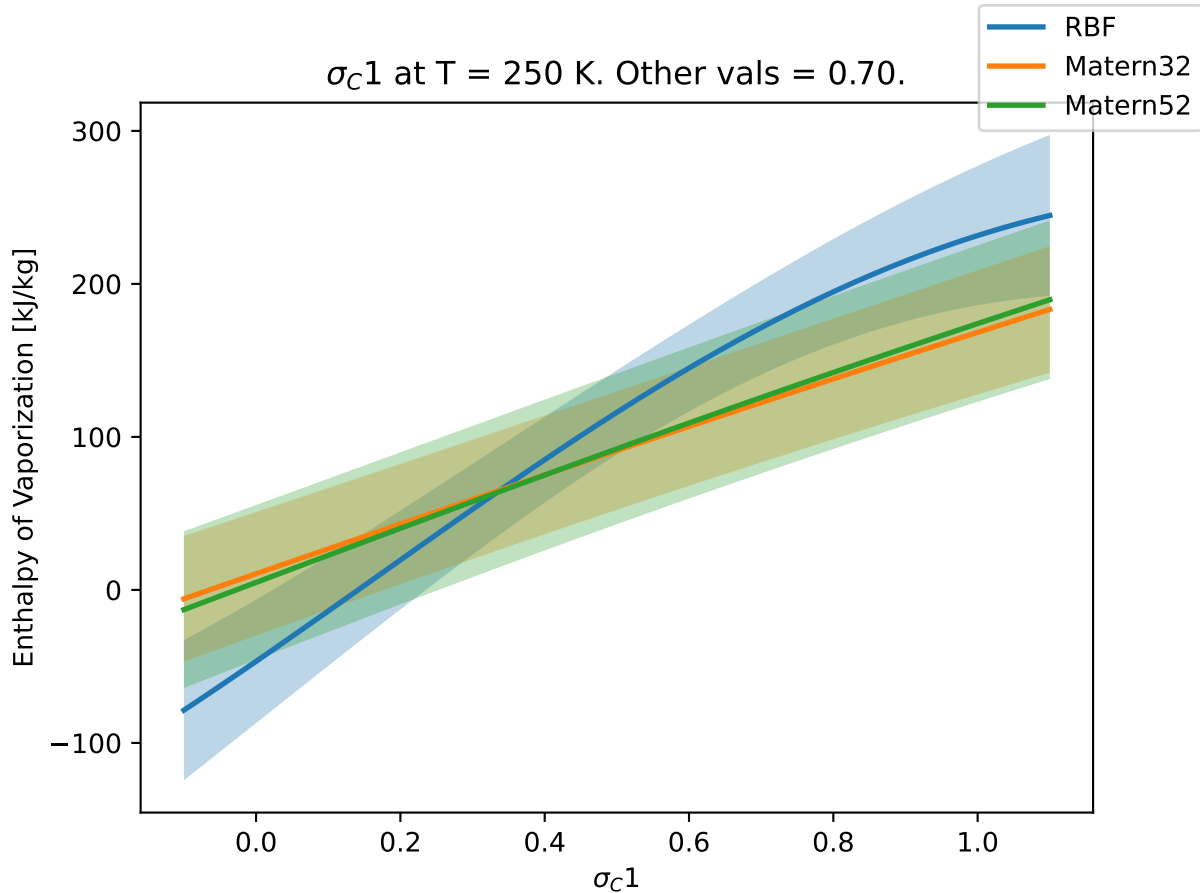


$\sigma_C1$  at T = 250 K. Other vals = 0.50.

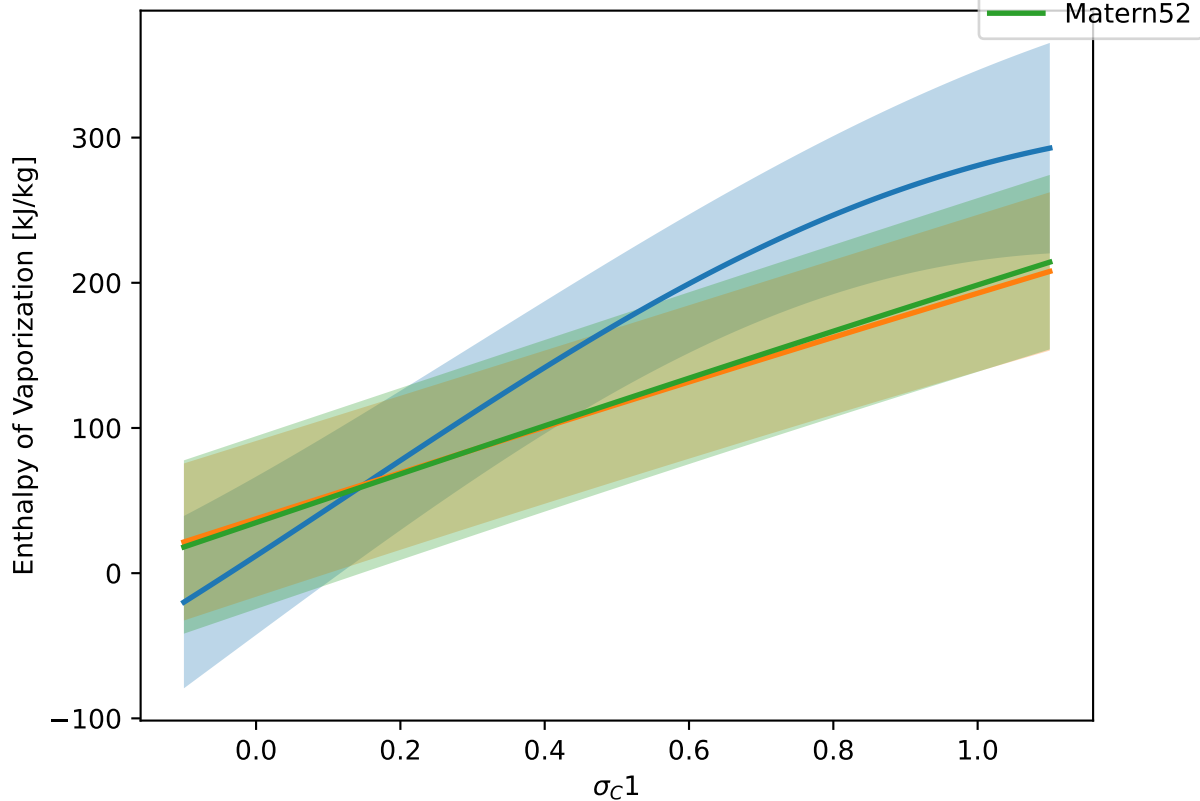


$\sigma_C1$  at T = 250 K. Other vals = 0.60.

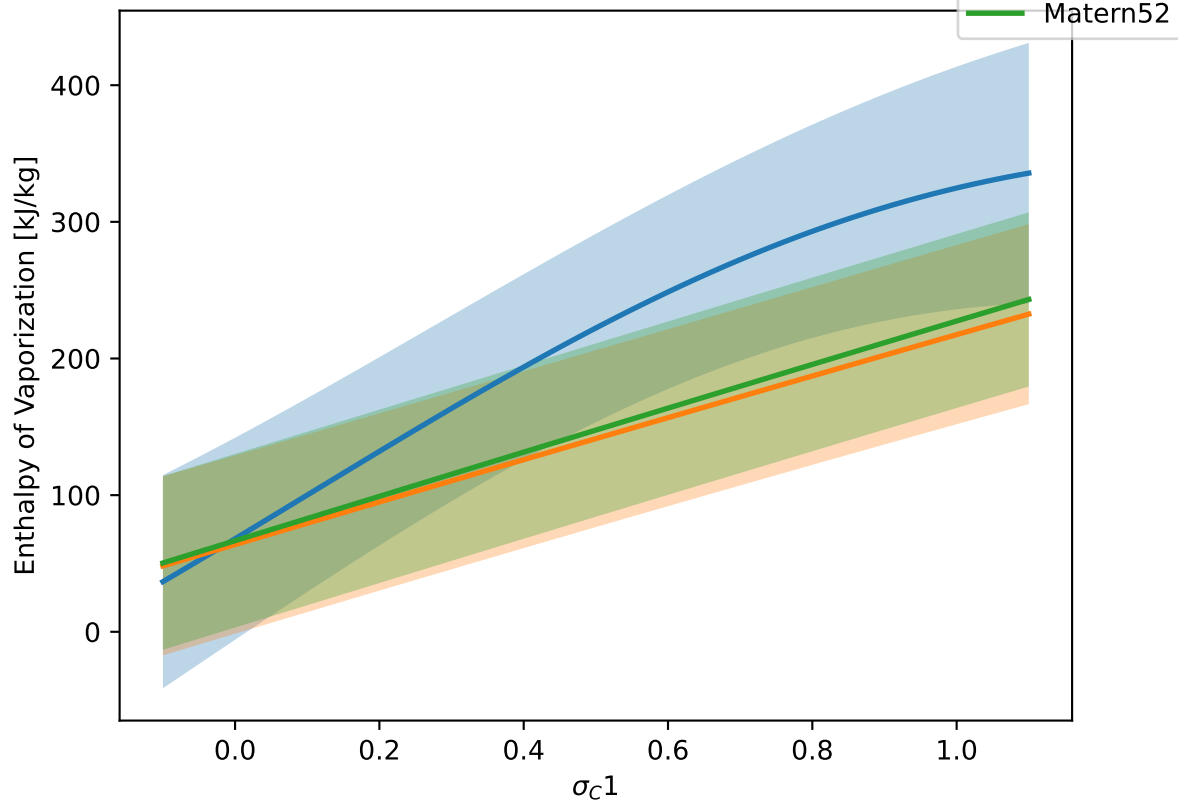




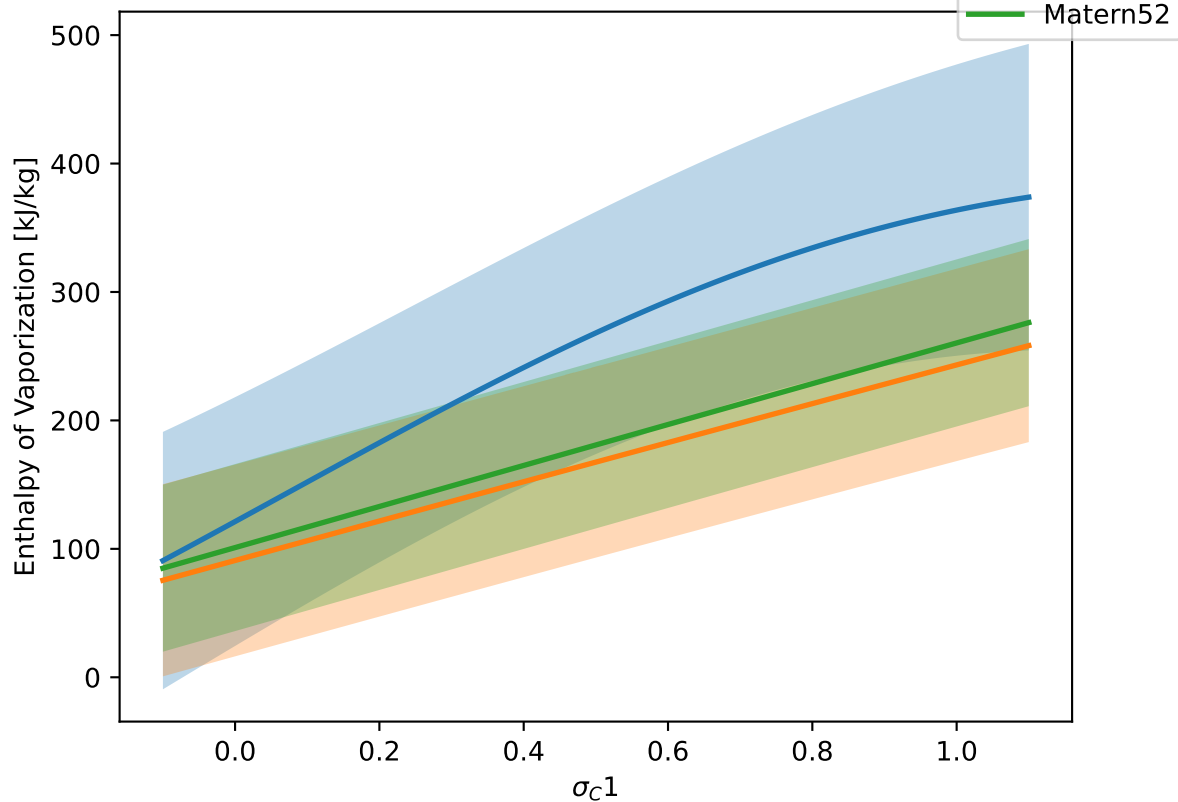
$\sigma_{C1}$  at T = 250 K. Other vals = 0.80.



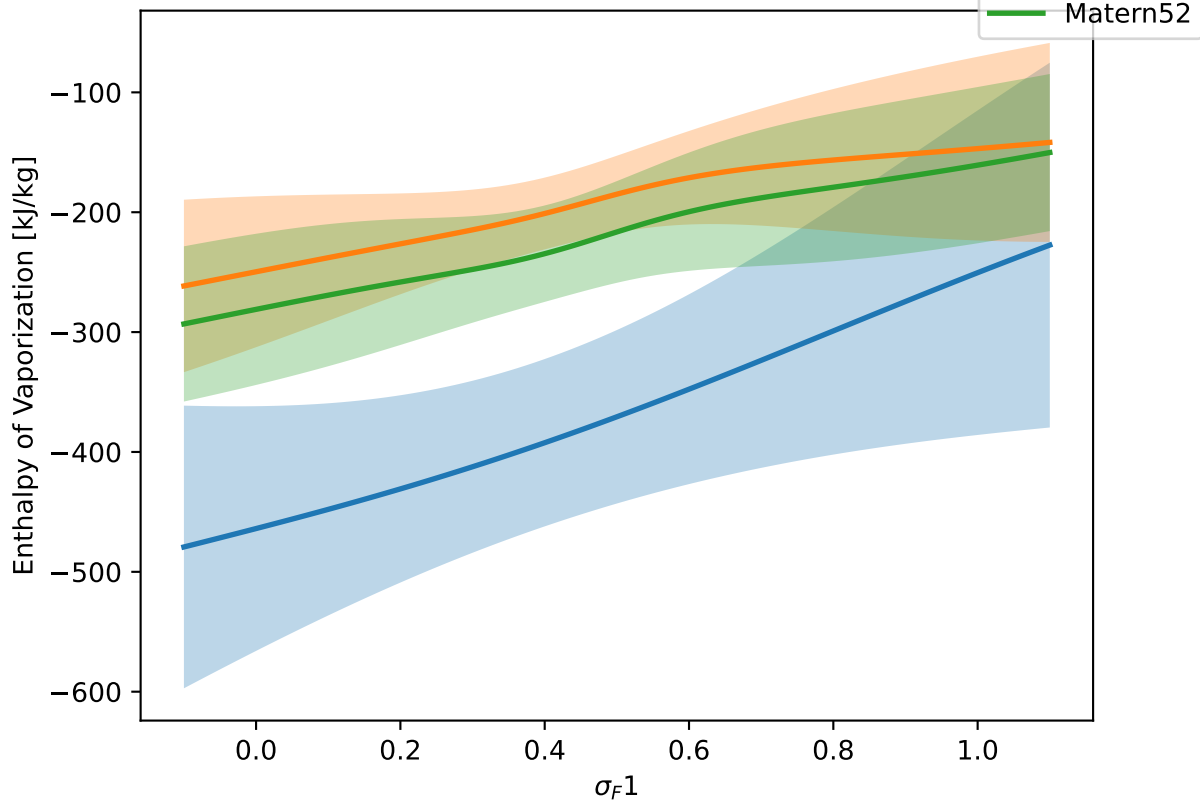
$\sigma_C1$  at T = 250 K. Other vals = 0.90.



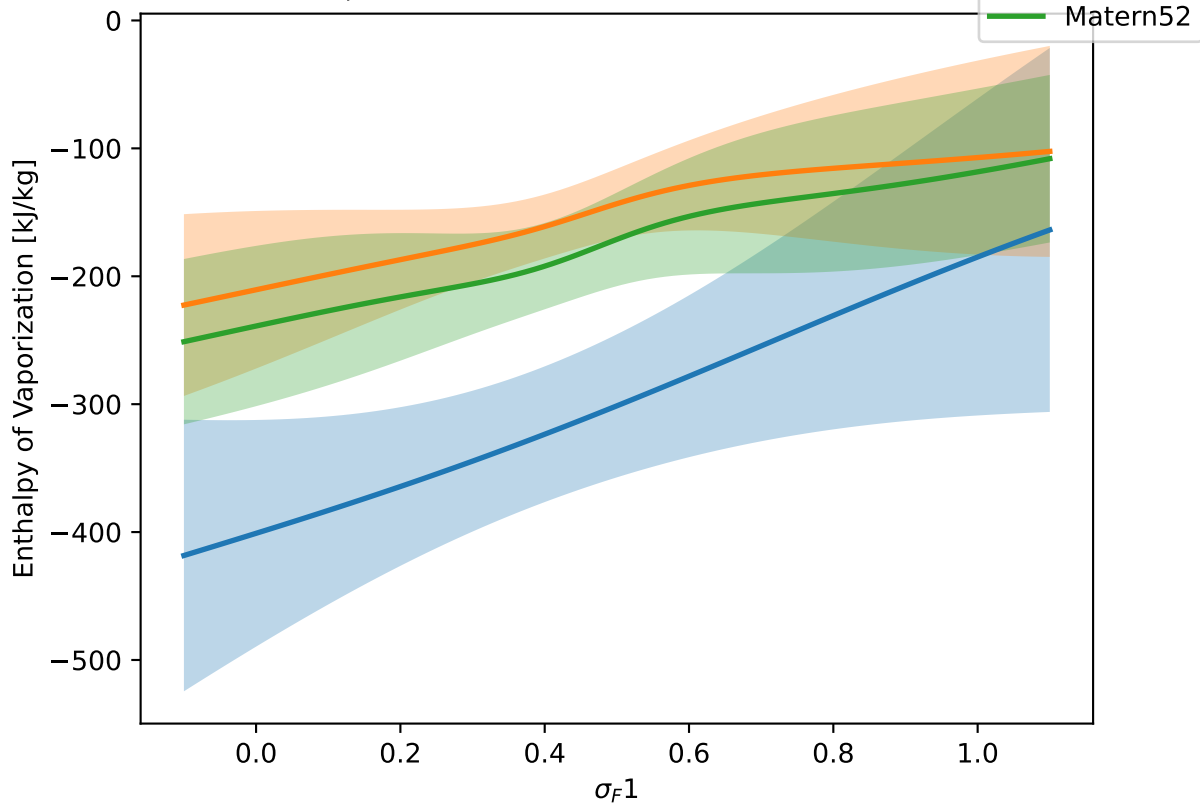
$\sigma_c1$  at T = 250 K. Other vals = 1.00.



$\sigma_F1$  at T = 250 K. Other vals = 0.00.

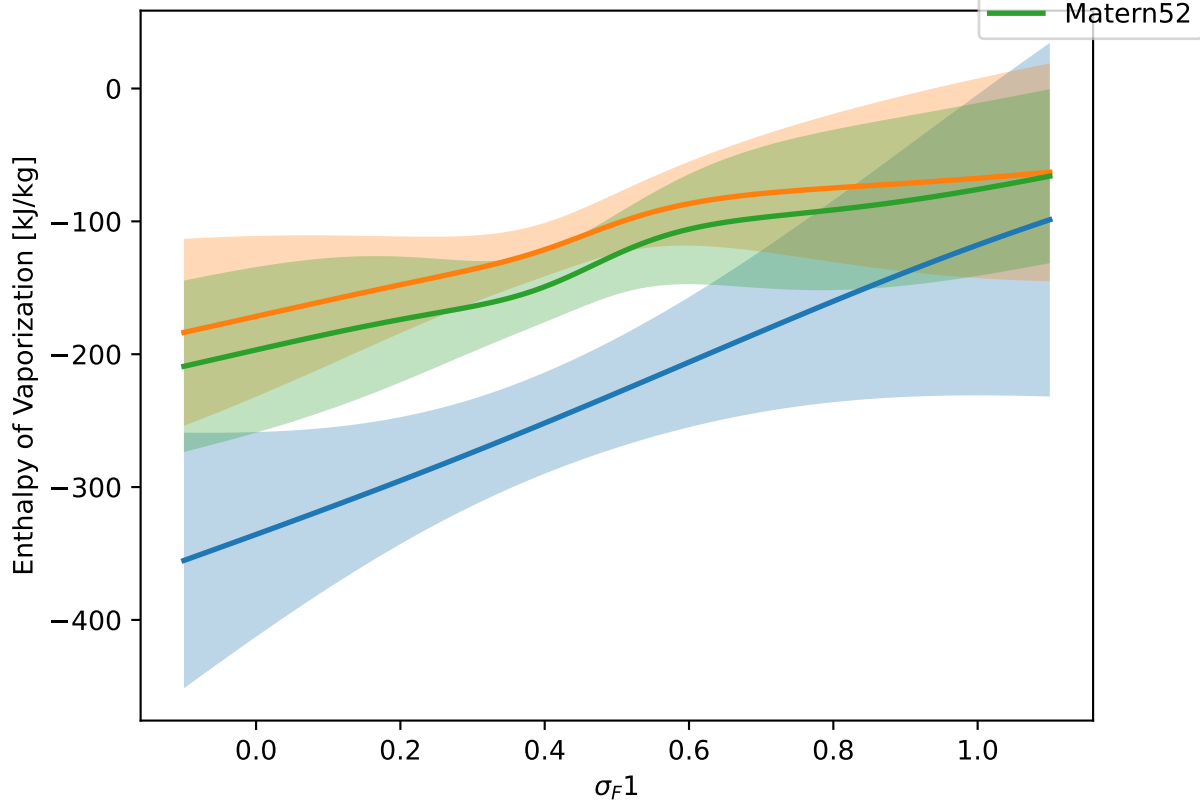


$\sigma_F1$  at T = 250 K. Other vals = 0.10.

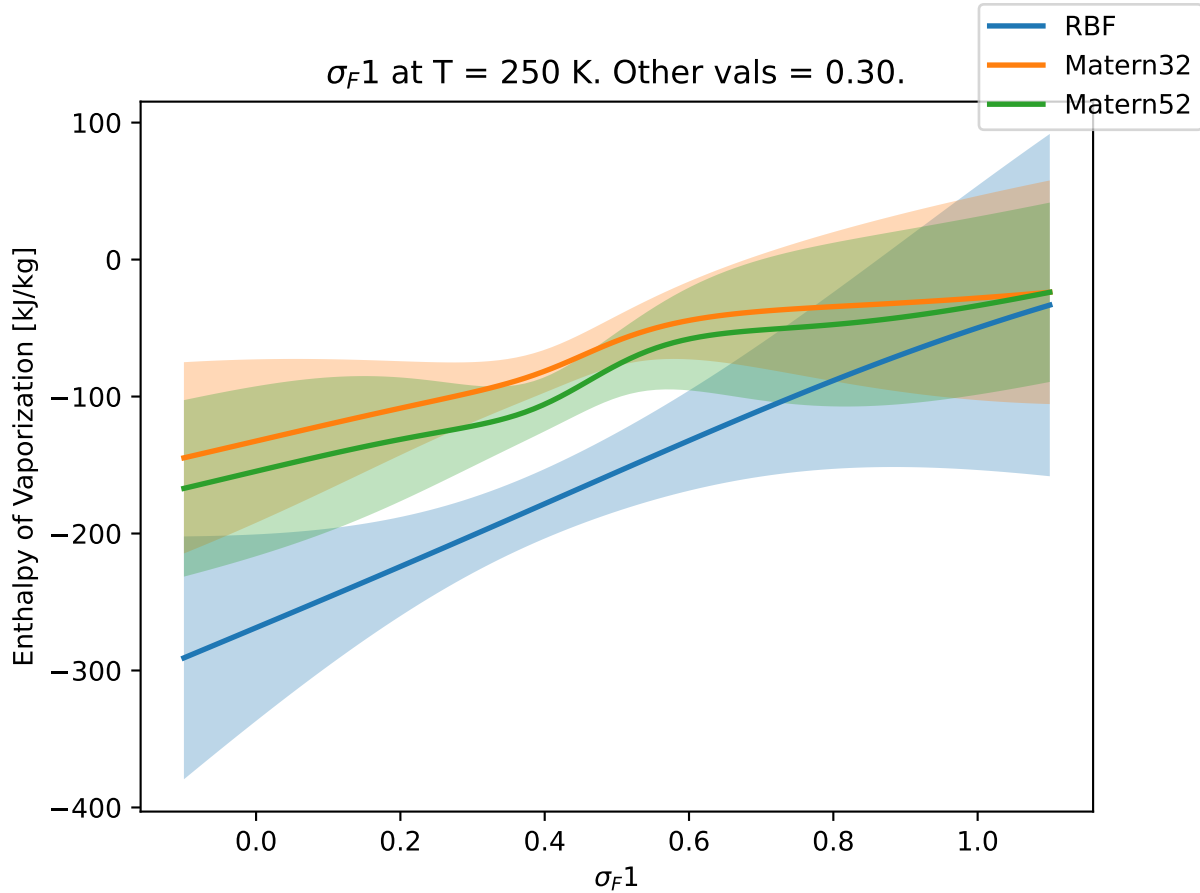




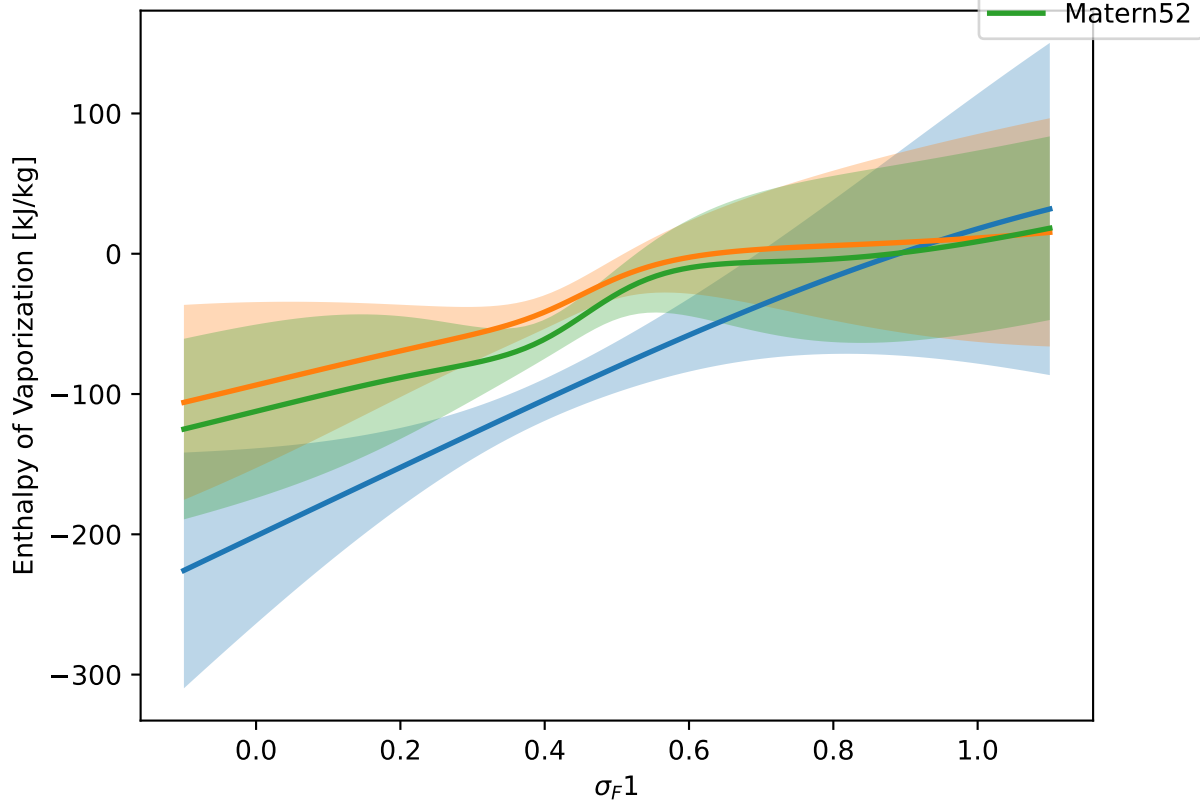
$\sigma_F1$  at T = 250 K. Other vals = 0.20.



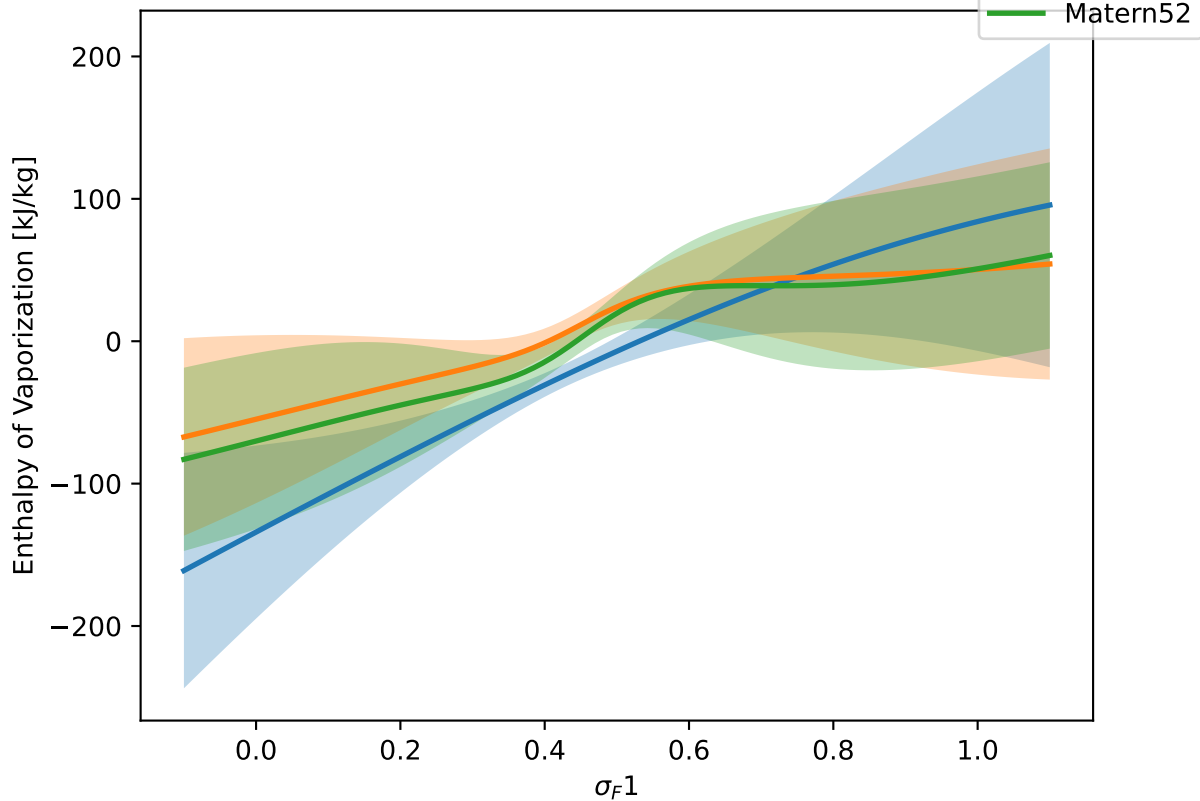
$\sigma_F 1$  at T = 250 K. Other vals = 0.30.



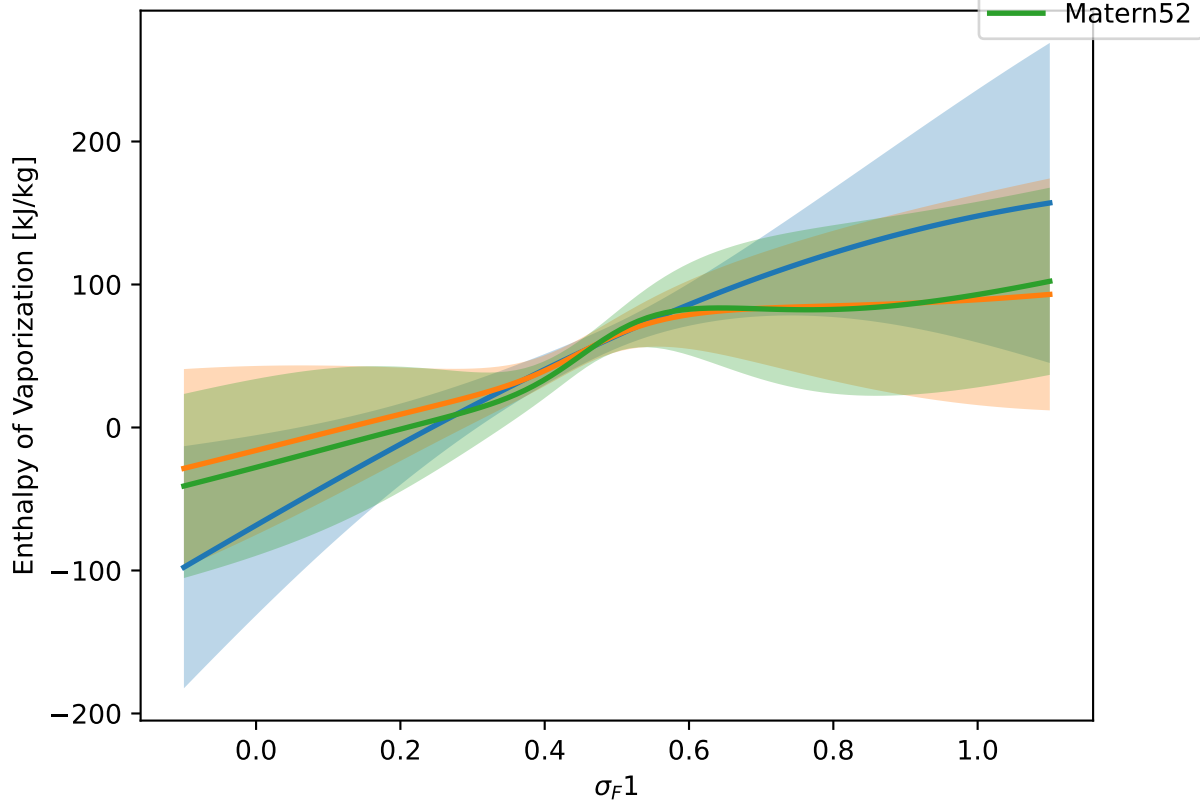
$\sigma_F1$  at T = 250 K. Other vals = 0.40.



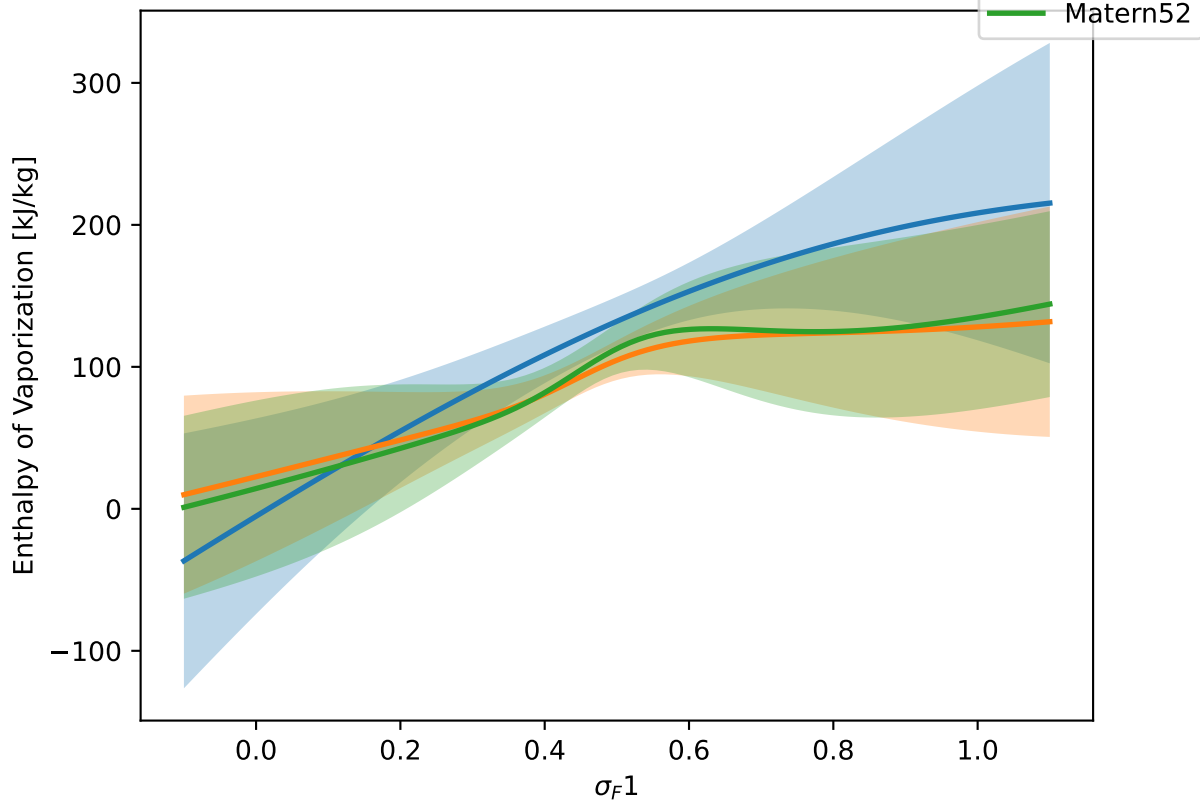
$\sigma_F 1$  at T = 250 K. Other vals = 0.50.



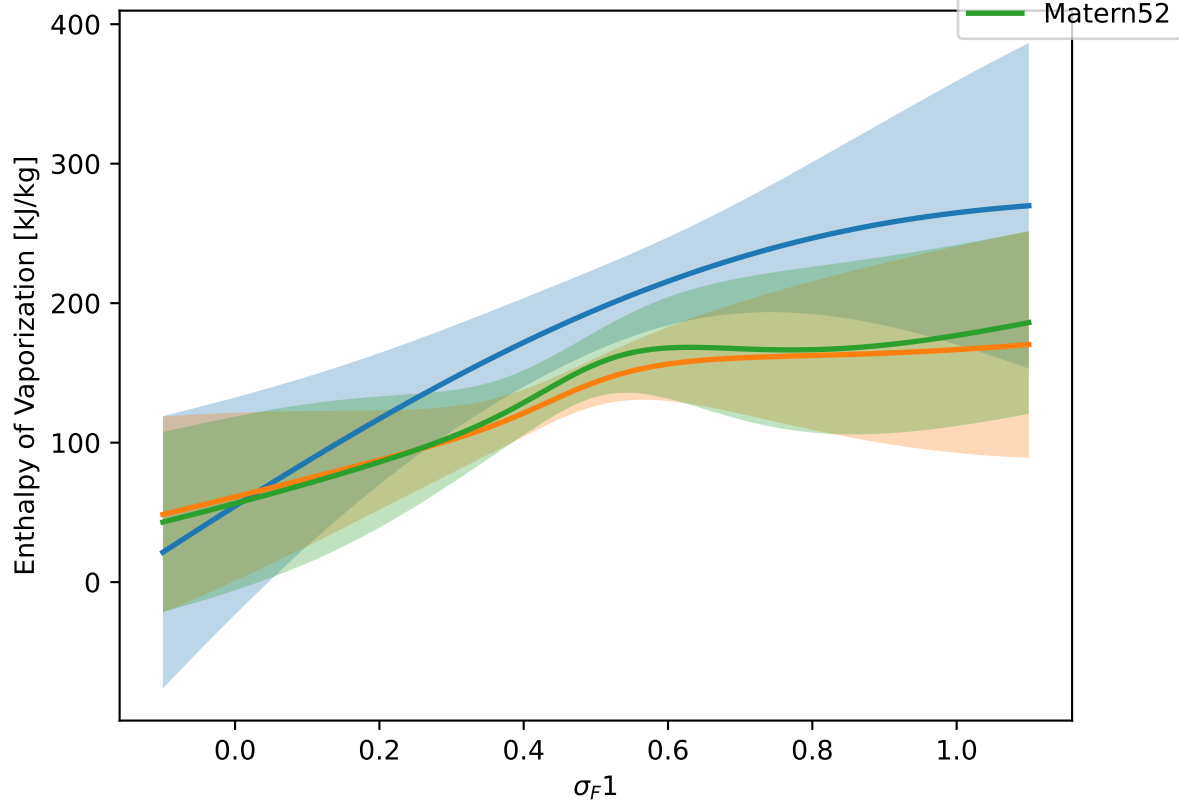
$\sigma_F1$  at T = 250 K. Other vals = 0.60.



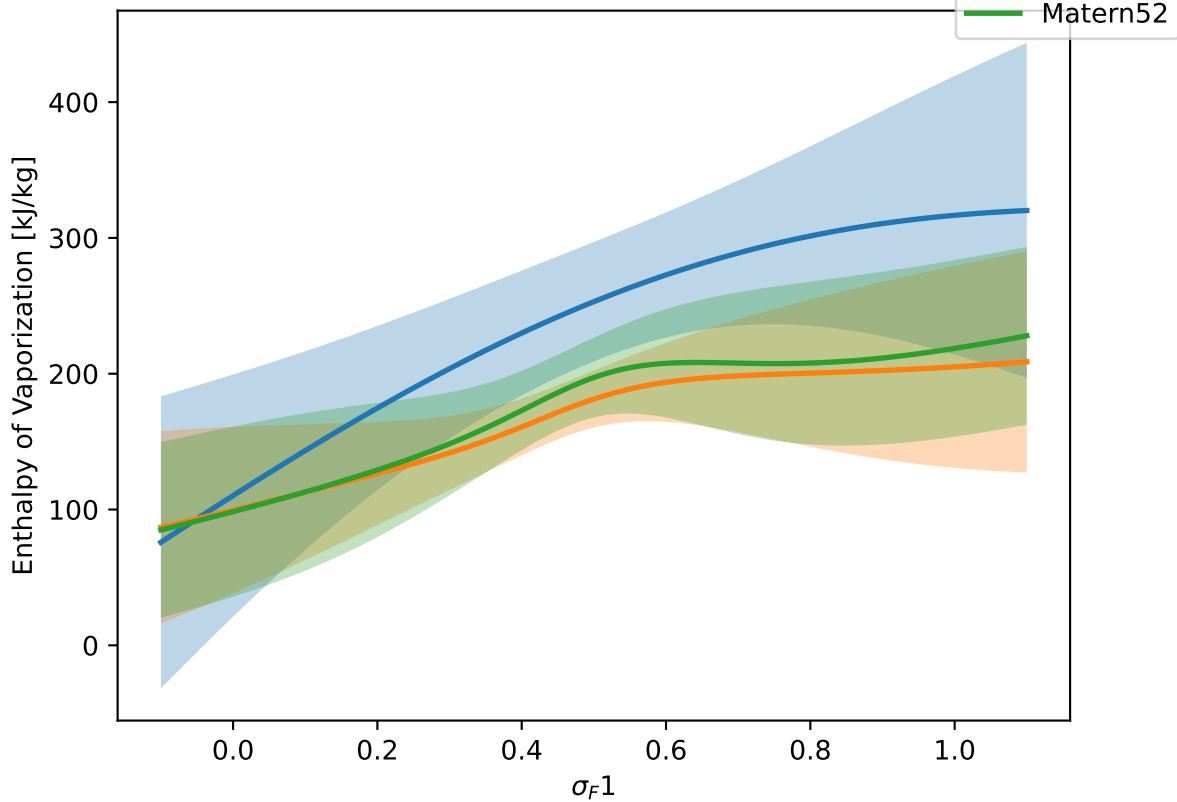
$\sigma_F1$  at T = 250 K. Other vals = 0.70.



$\sigma_F1$  at T = 250 K. Other vals = 0.80.

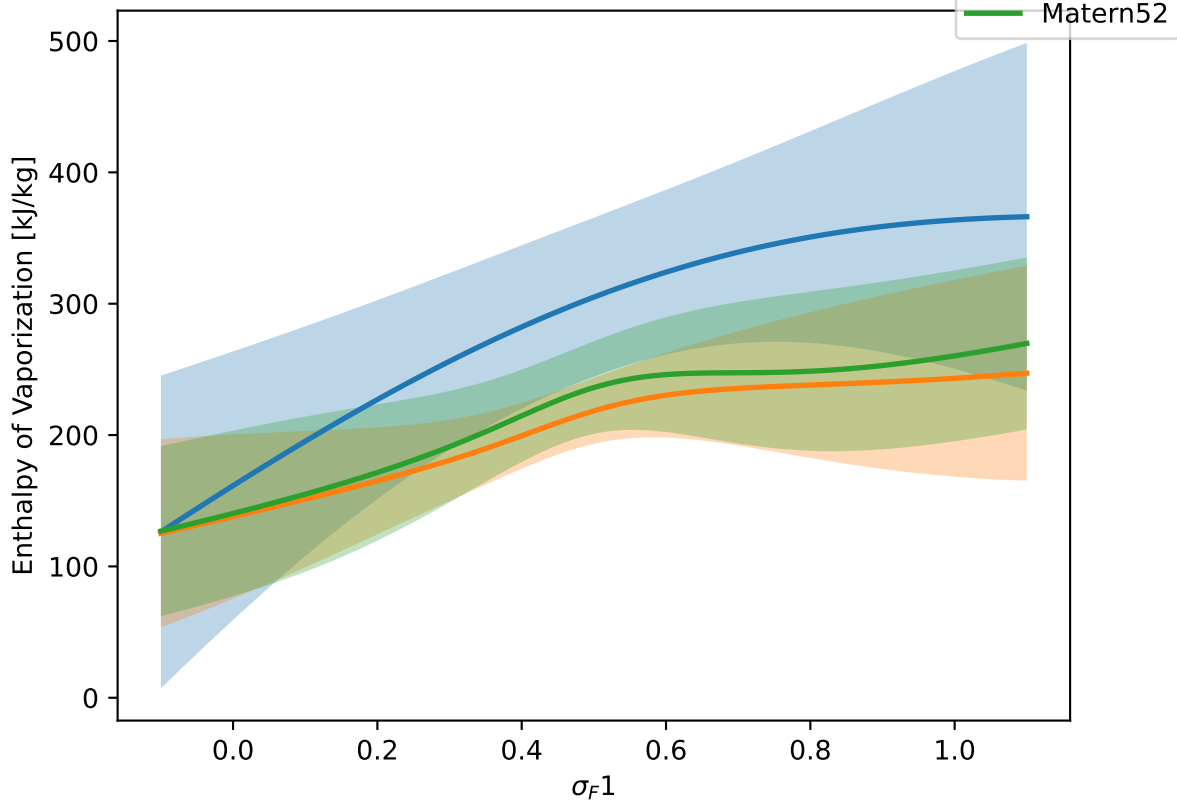


$\sigma_F1$  at T = 250 K. Other vals = 0.90.

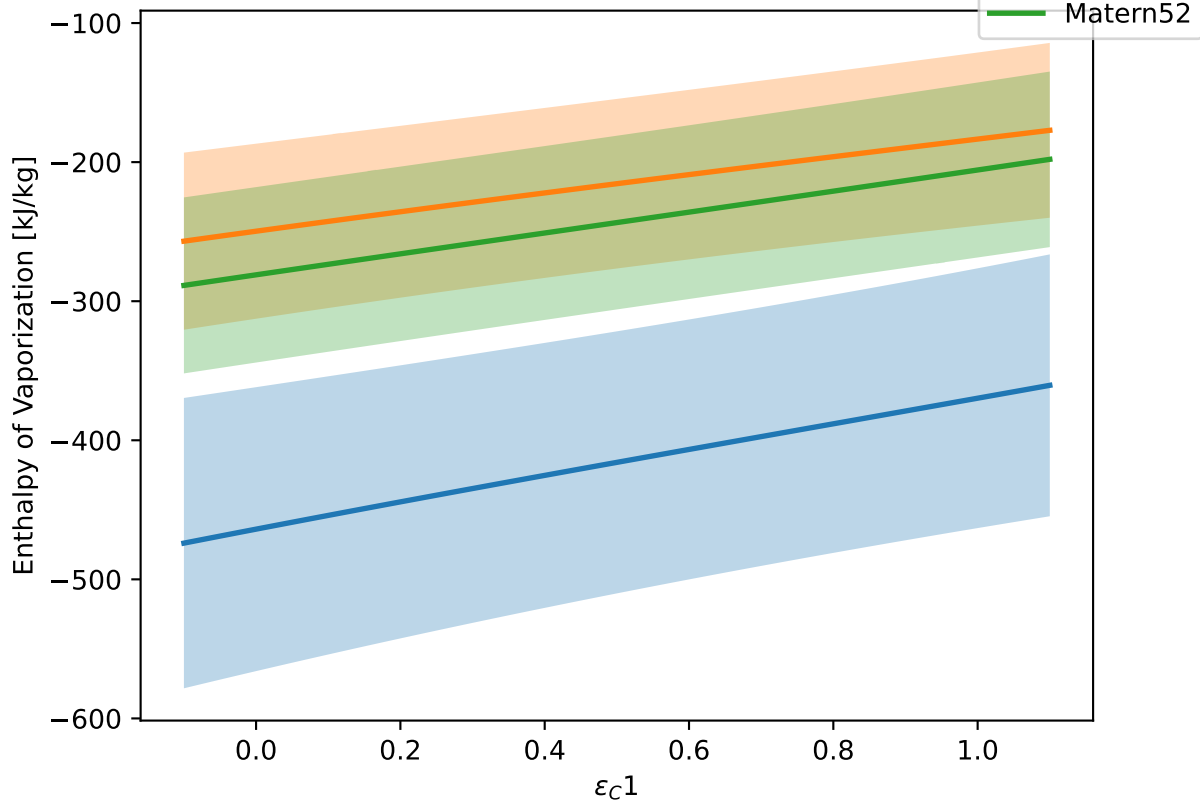




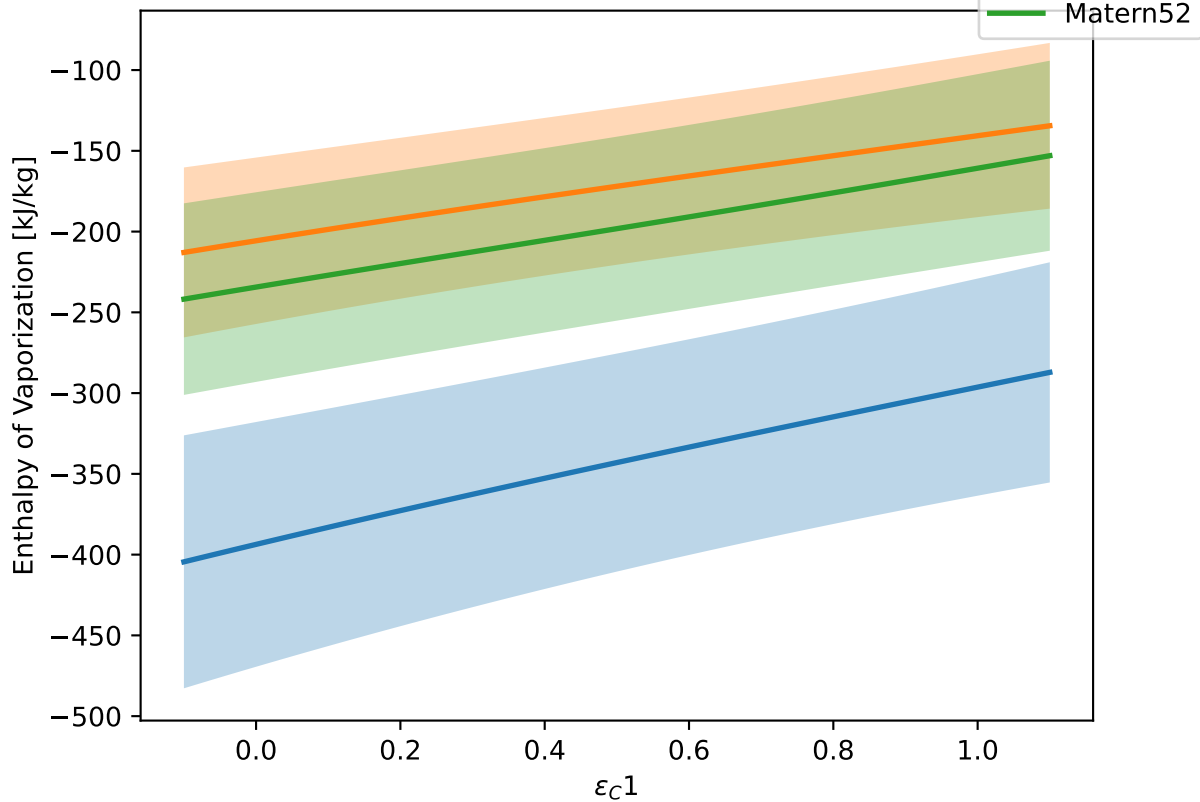
$\sigma_F 1$  at T = 250 K. Other vals = 1.00.



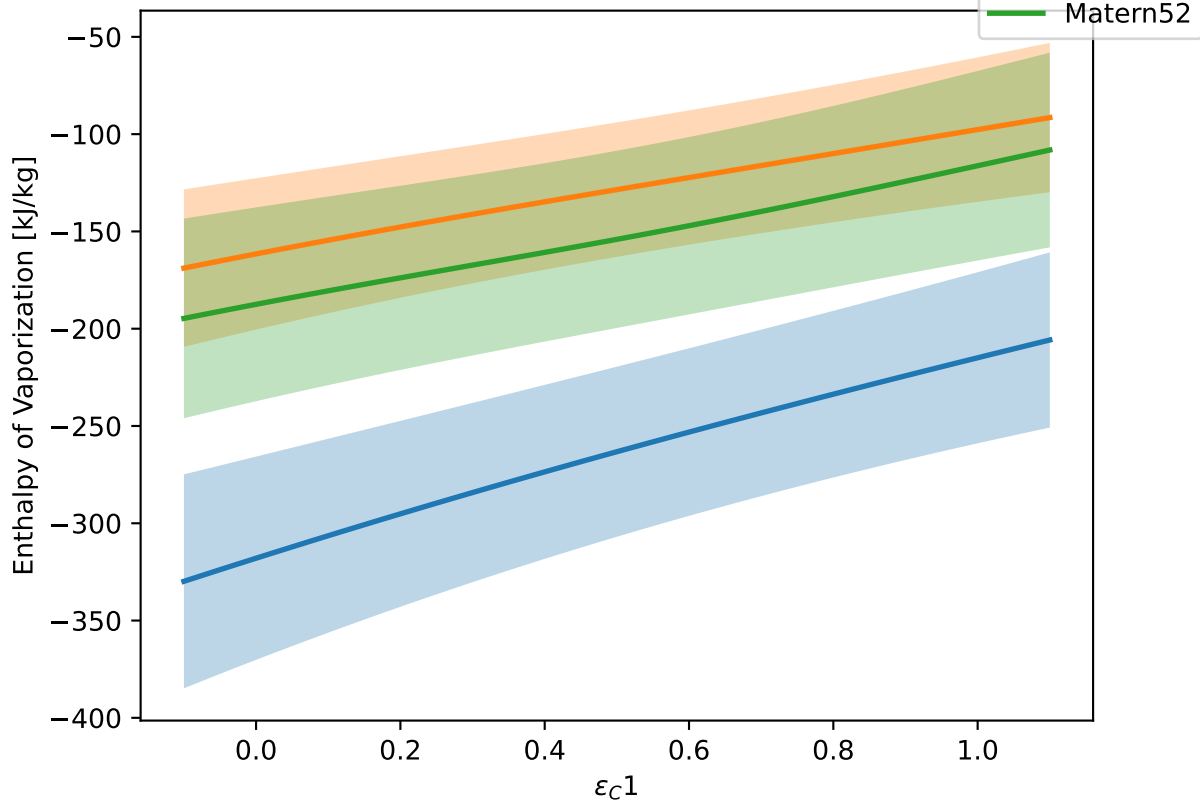
$\varepsilon_C1$  at T = 250 K. Other vals = 0.00.



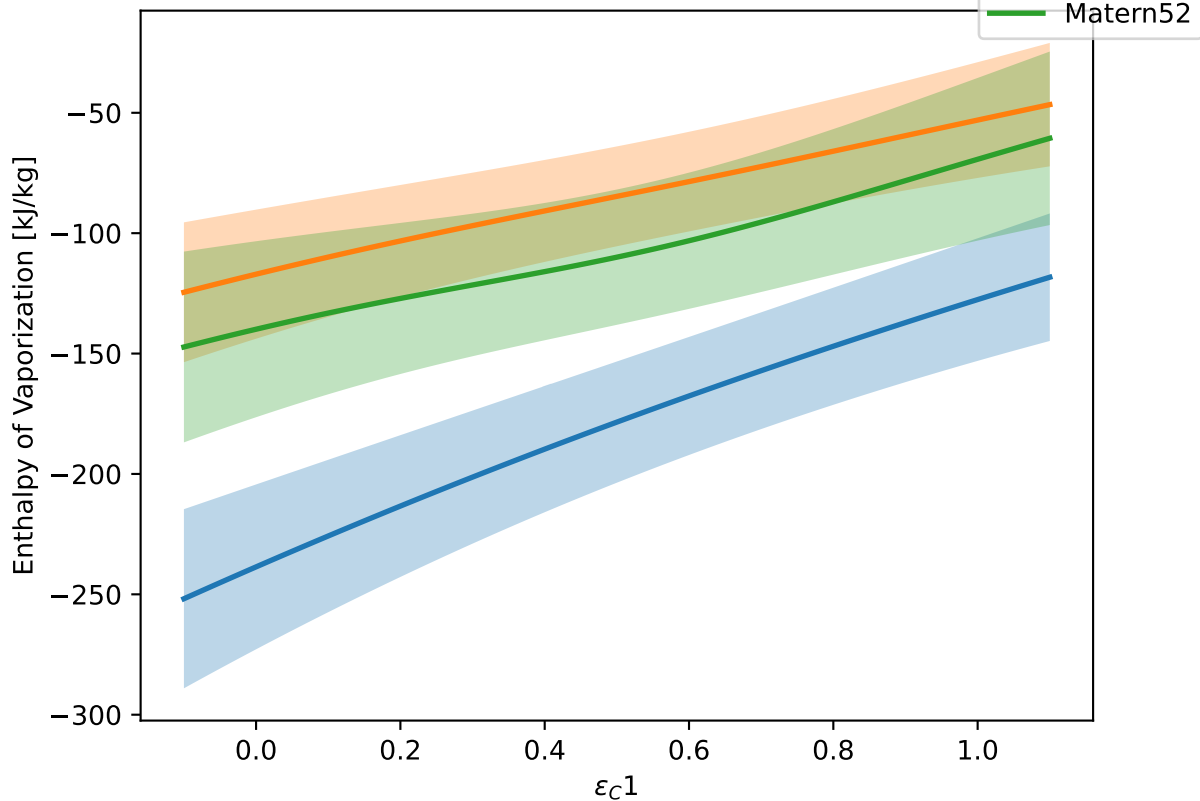
$\varepsilon_C 1$  at  $T = 250$  K. Other vals = 0.10.



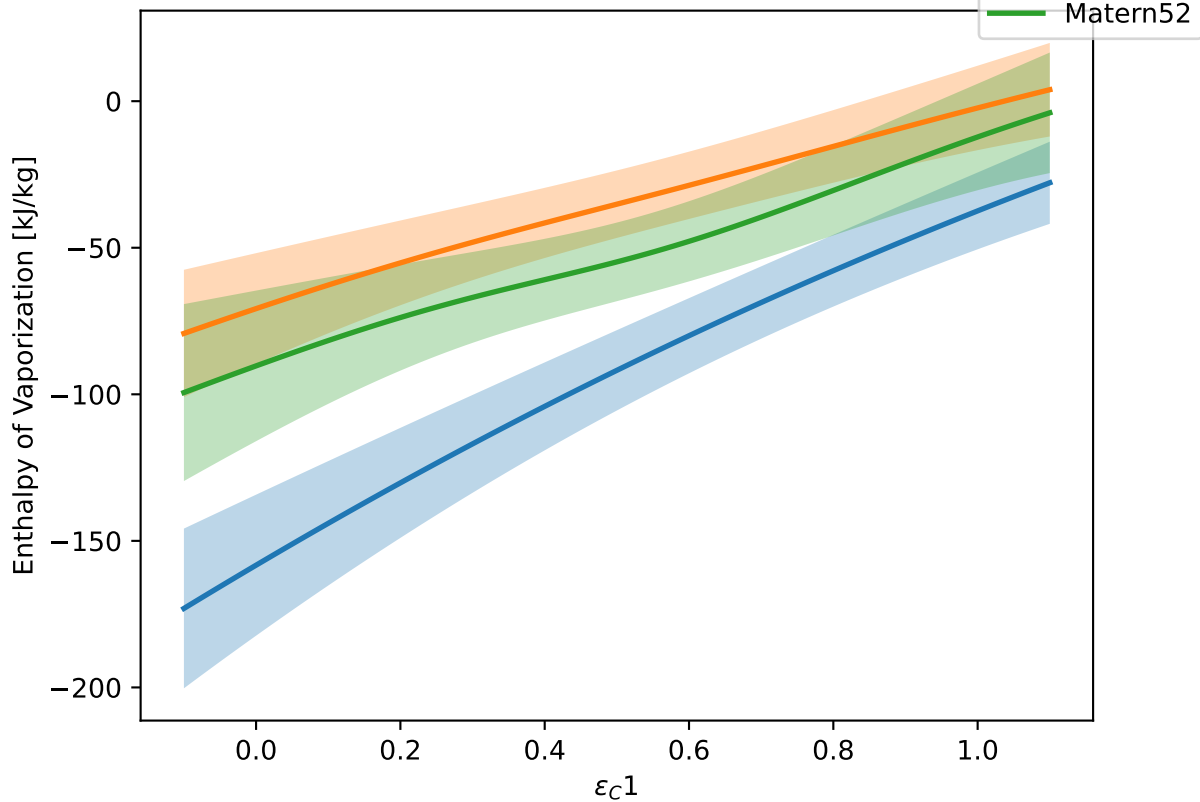
$\varepsilon_C1$  at T = 250 K. Other vals = 0.20.



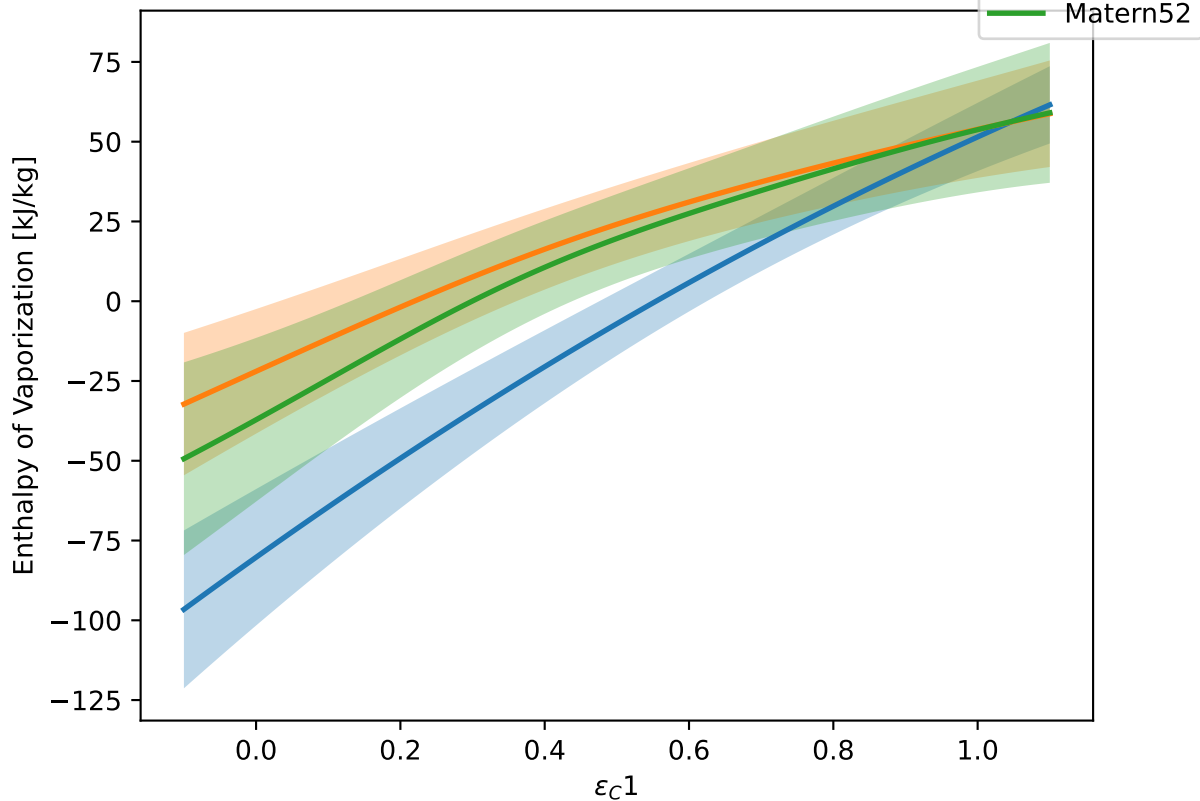
$\varepsilon_C1$  at T = 250 K. Other vals = 0.30.



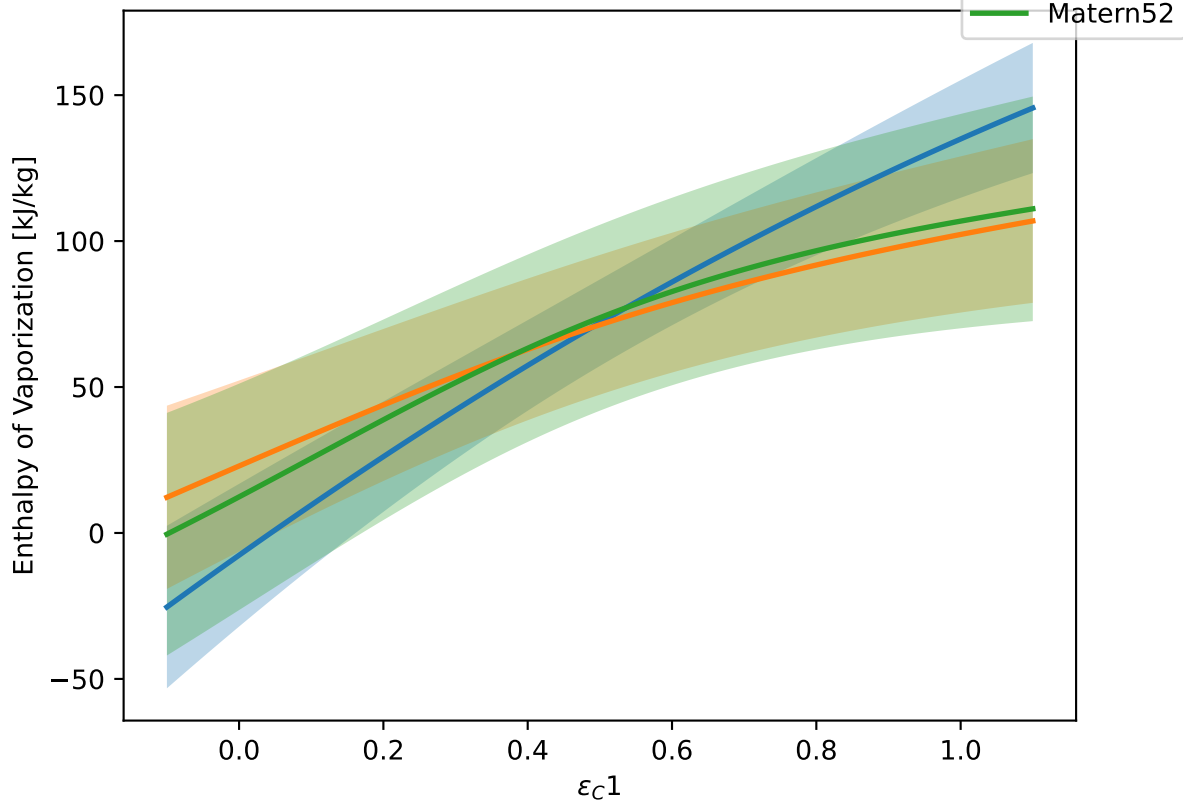
$\varepsilon_C 1$  at T = 250 K. Other vals = 0.40.



$\varepsilon_C1$  at T = 250 K. Other vals = 0.50.

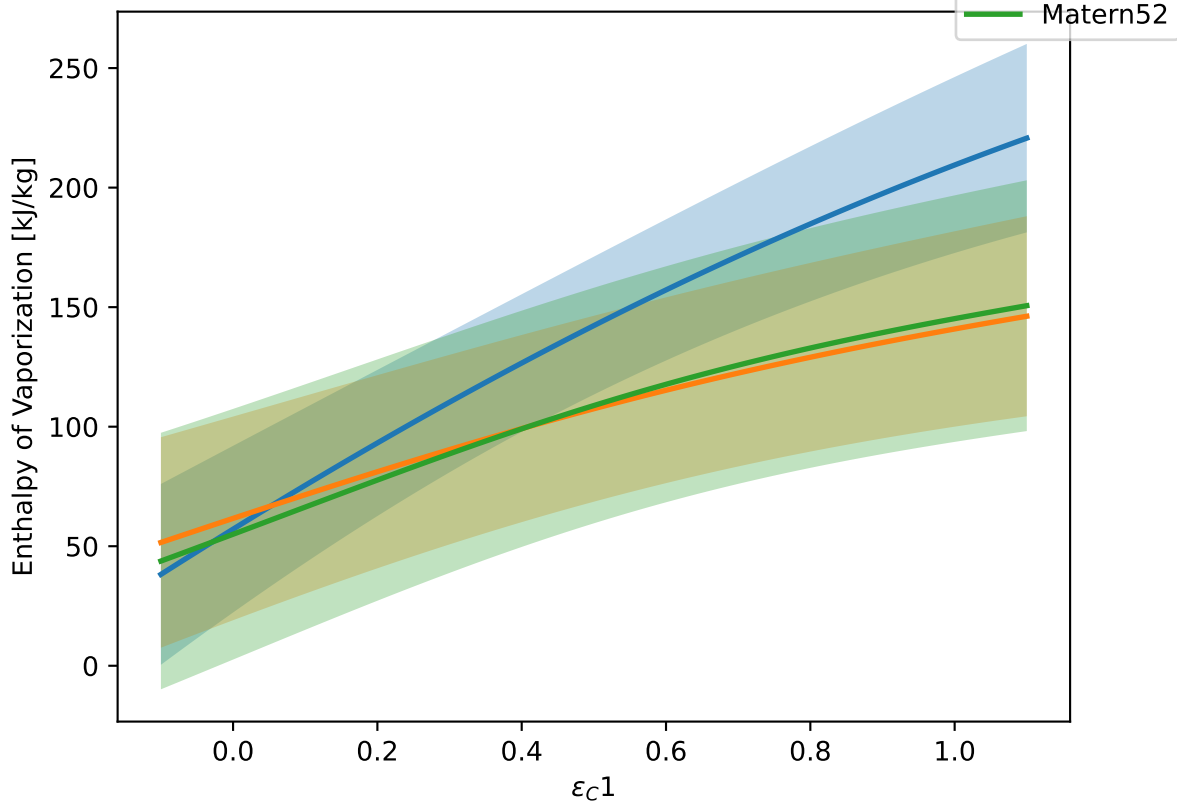


$\varepsilon_C 1$  at T = 250 K. Other vals = 0.60.

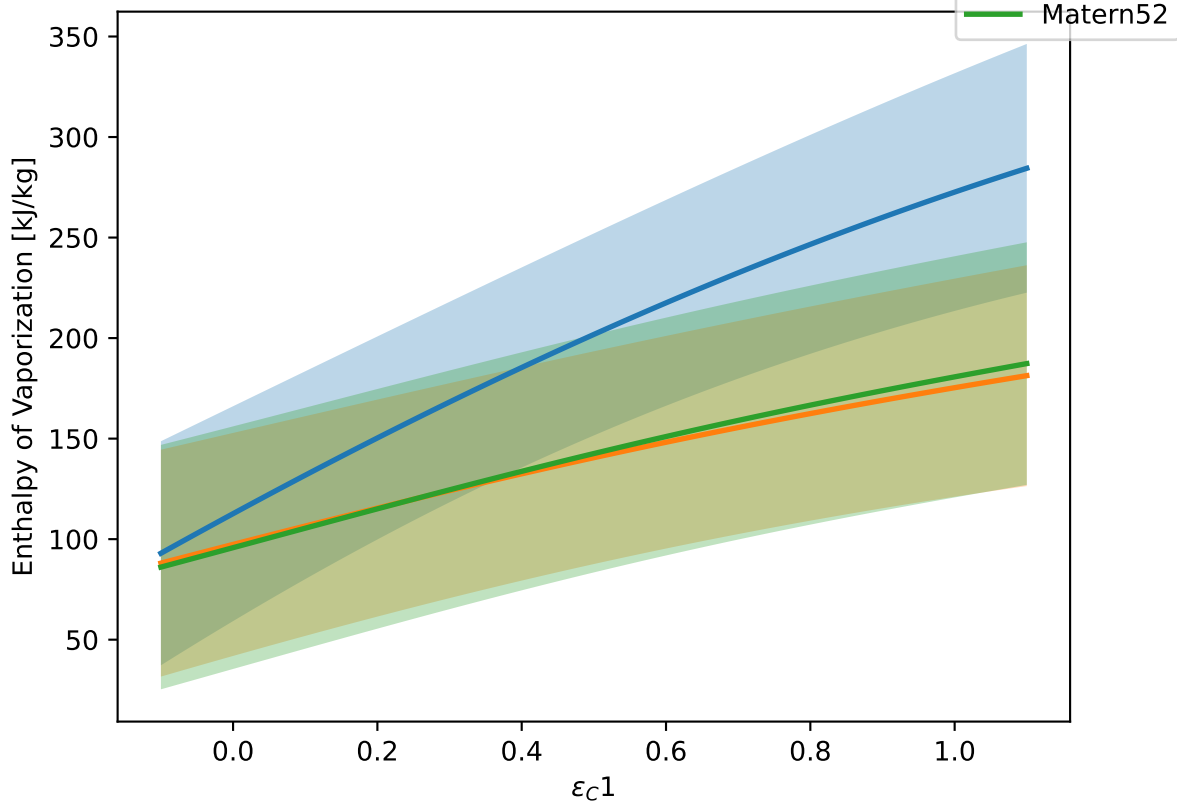




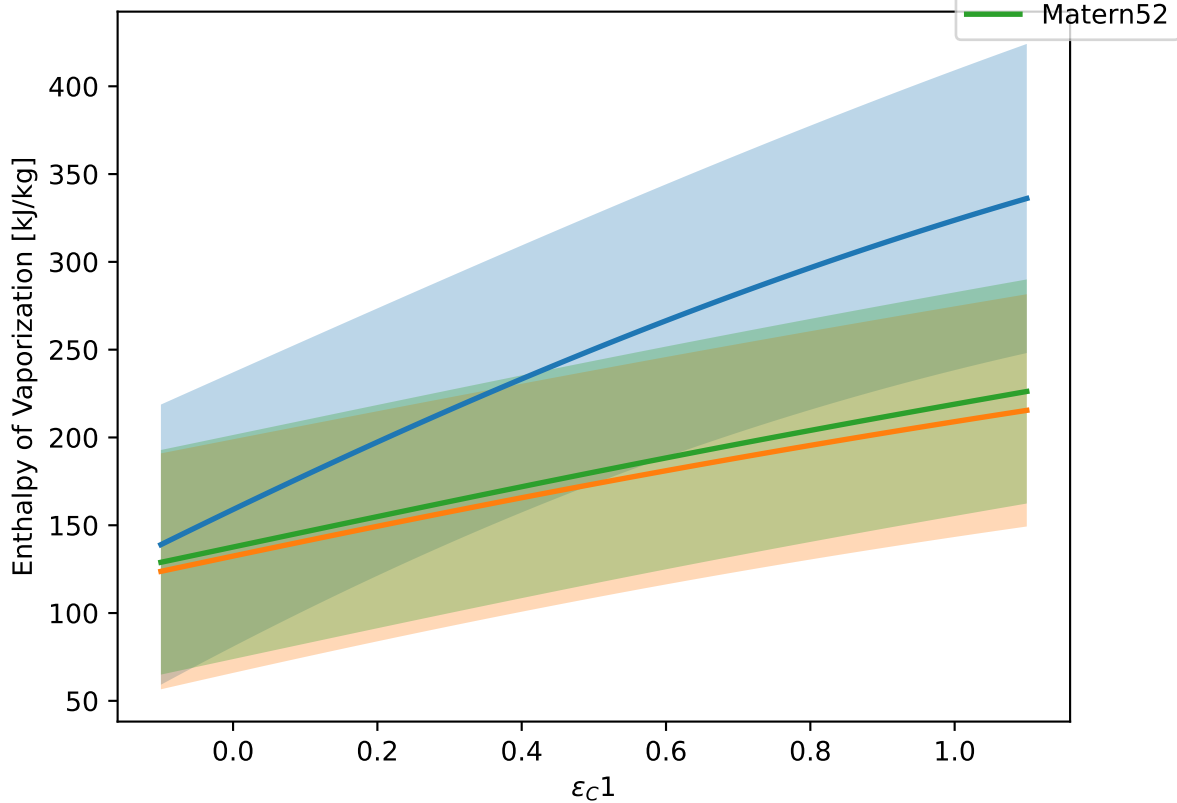
$\varepsilon_C1$  at T = 250 K. Other vals = 0.70.



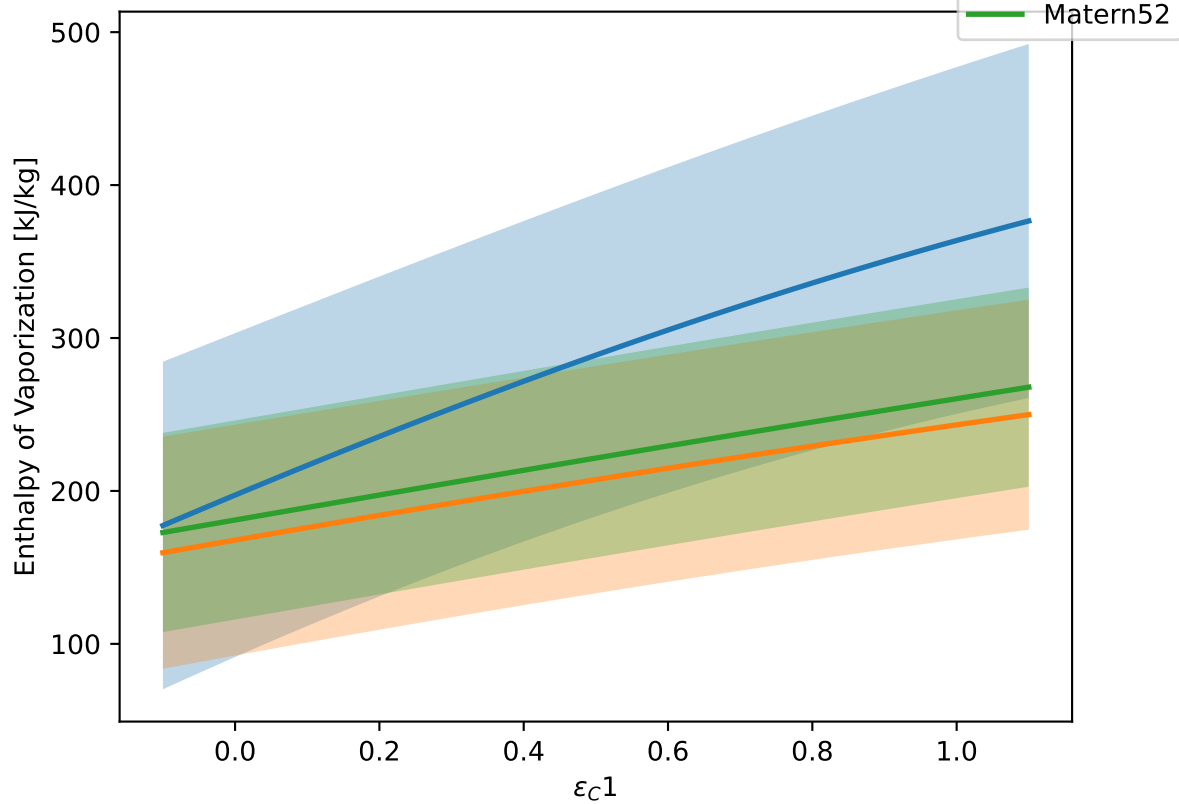
$\varepsilon_C1$  at T = 250 K. Other vals = 0.80.



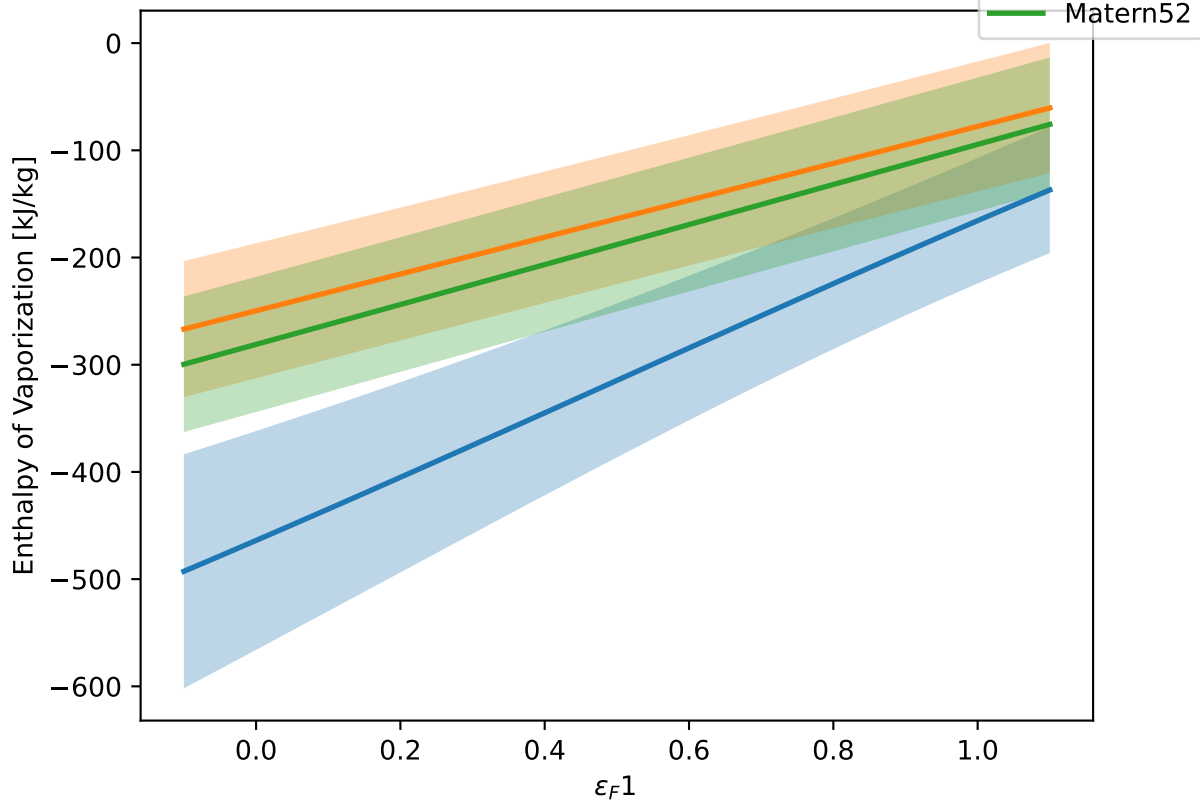
$\varepsilon_C1$  at T = 250 K. Other vals = 0.90.



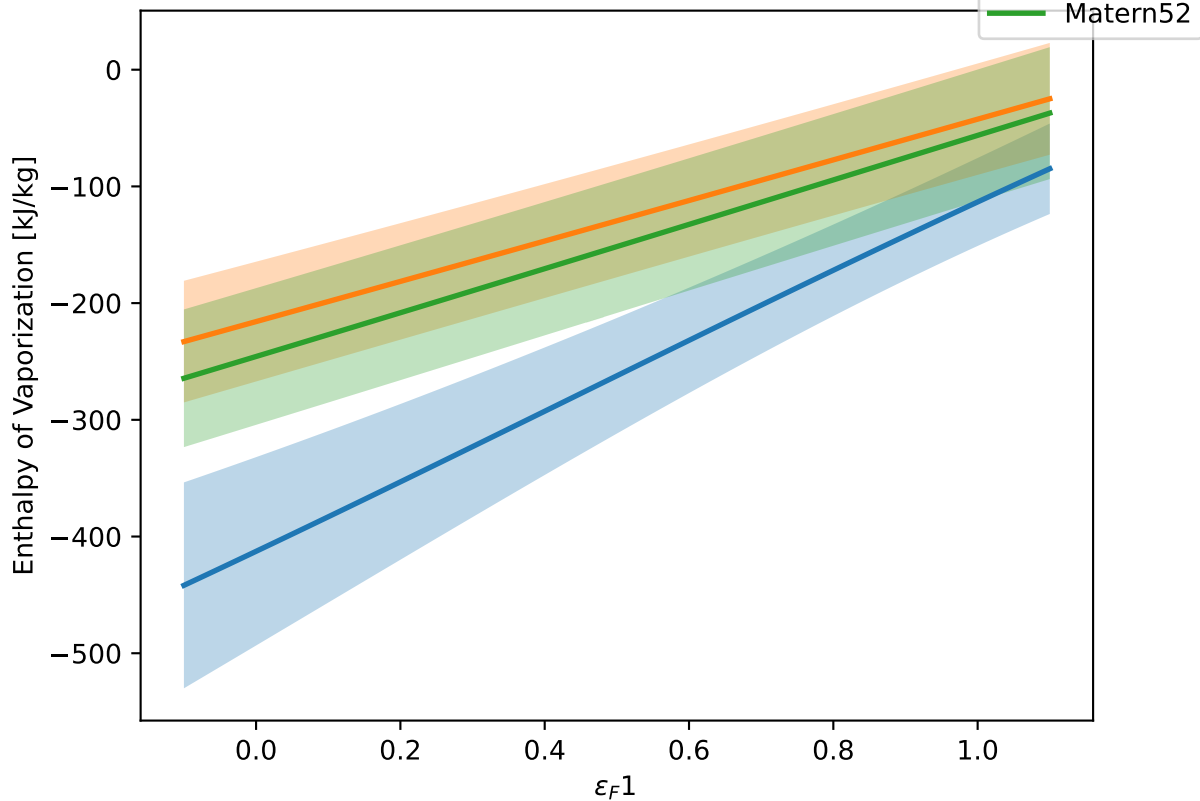
$\varepsilon_C1$  at T = 250 K. Other vals = 1.00.



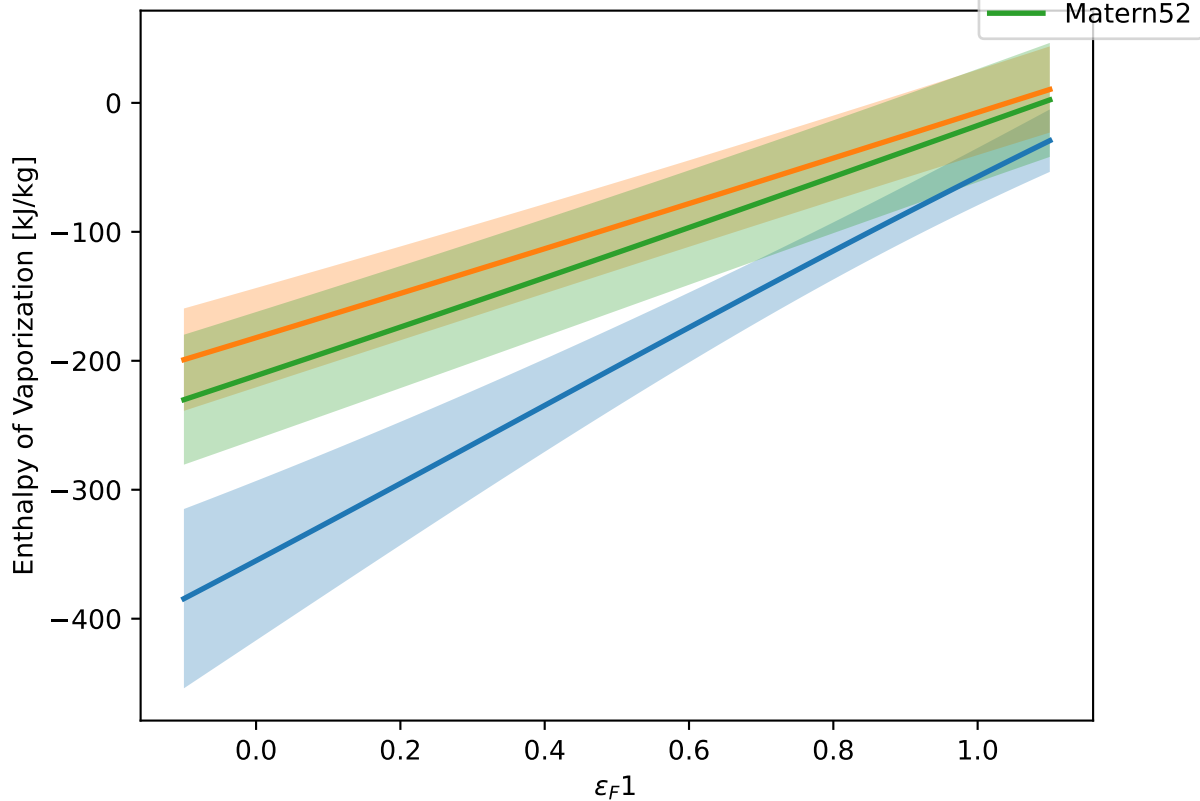
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.00.



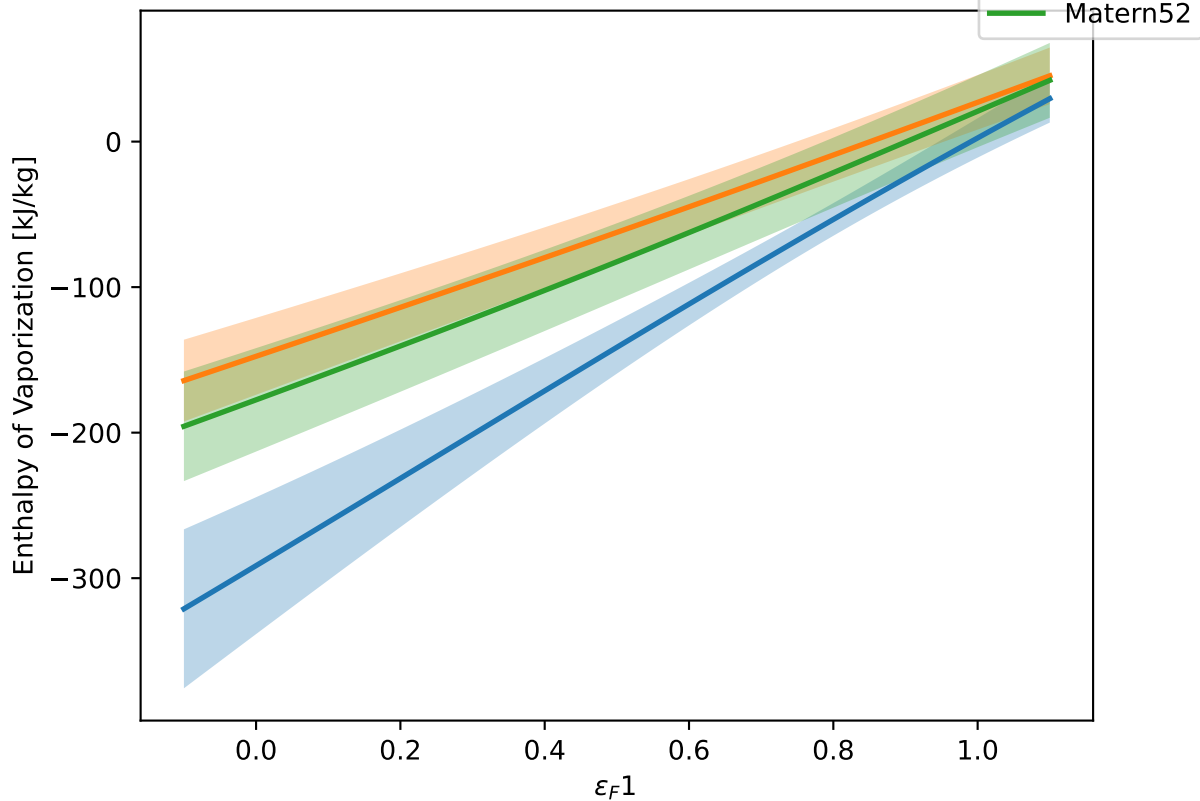
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.10.



$\varepsilon_F 1$  at T = 250 K. Other vals = 0.20.

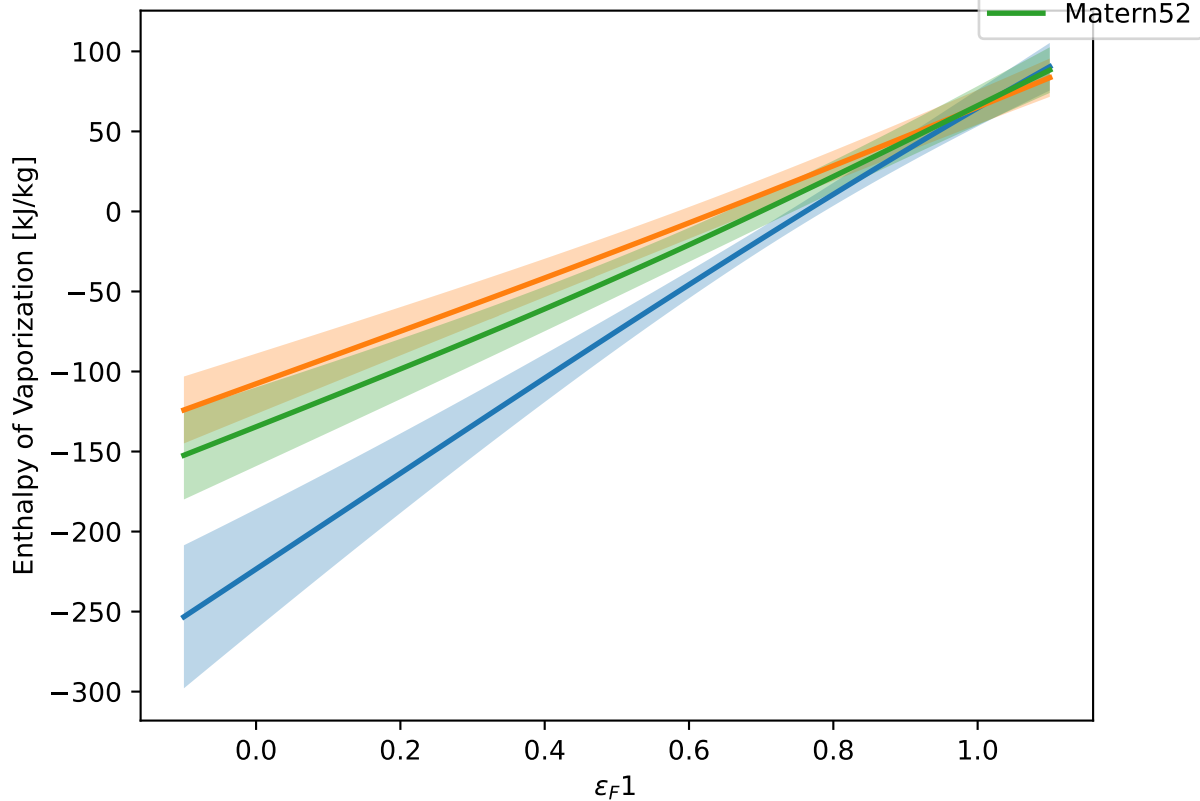


$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.30.

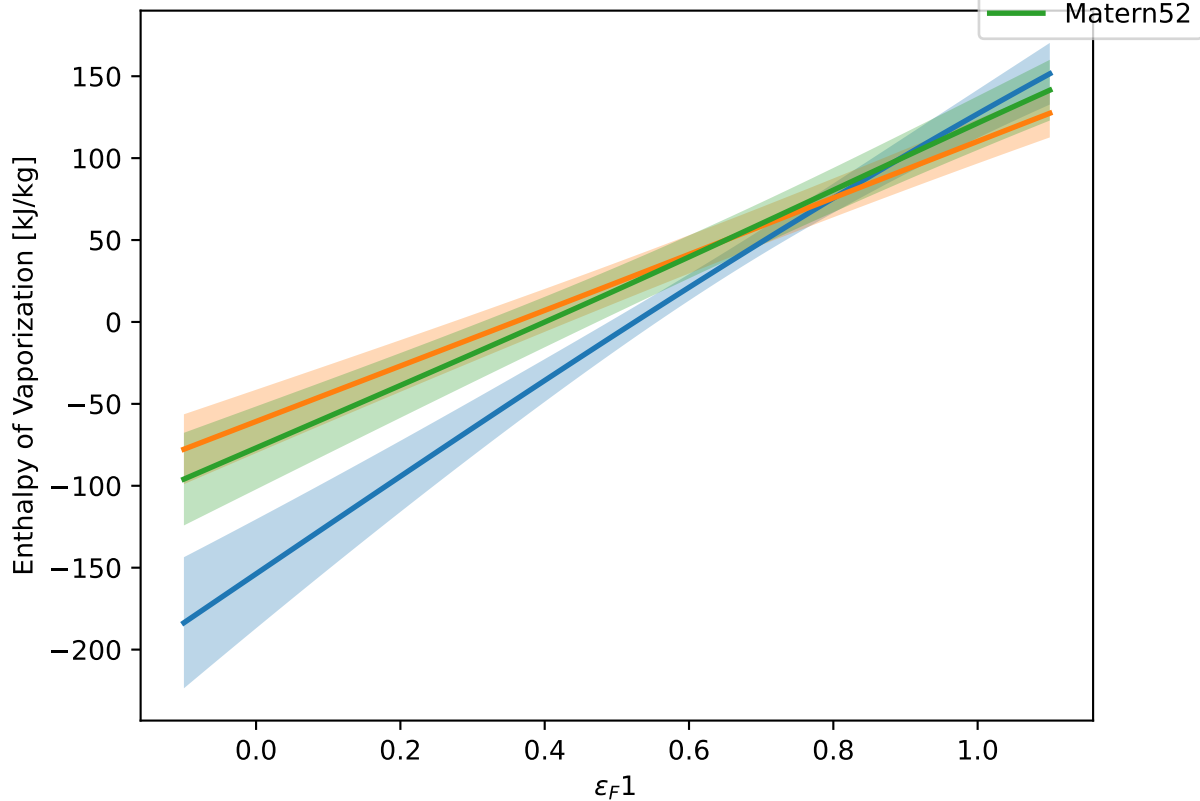




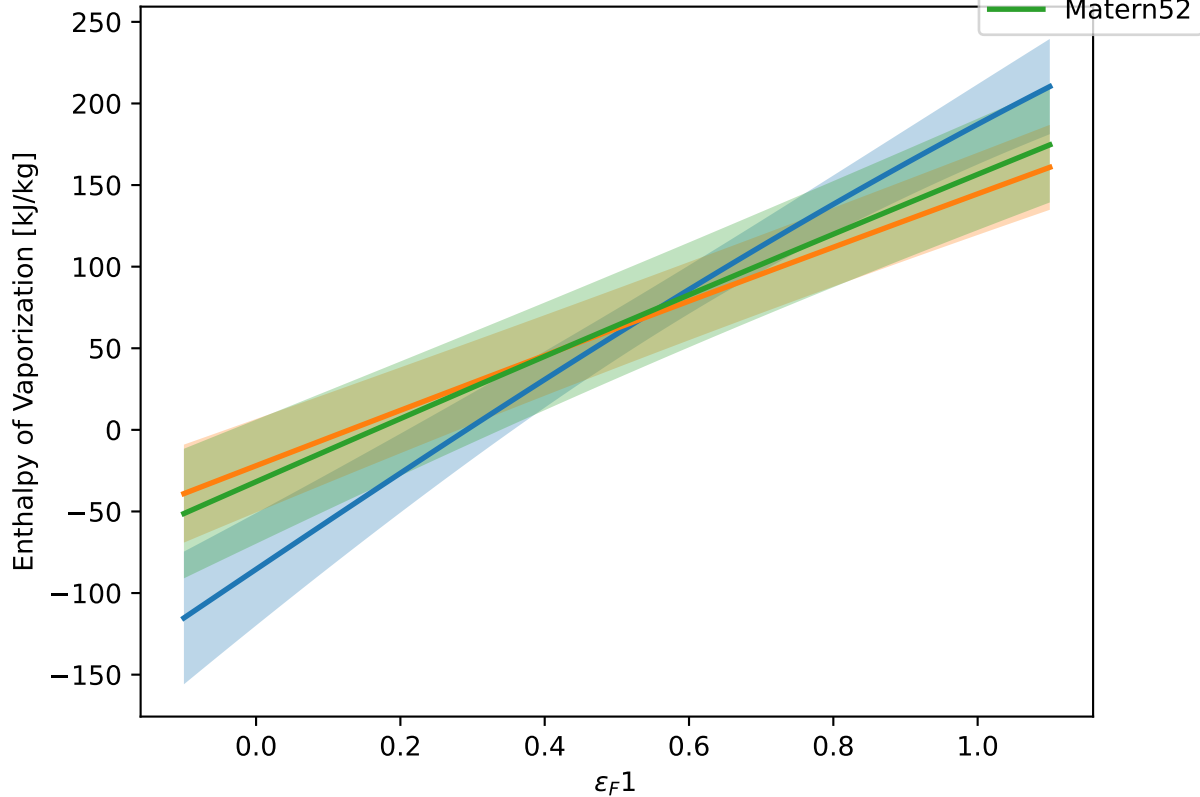
$\varepsilon_F 1$  at T = 250 K. Other vals = 0.40.



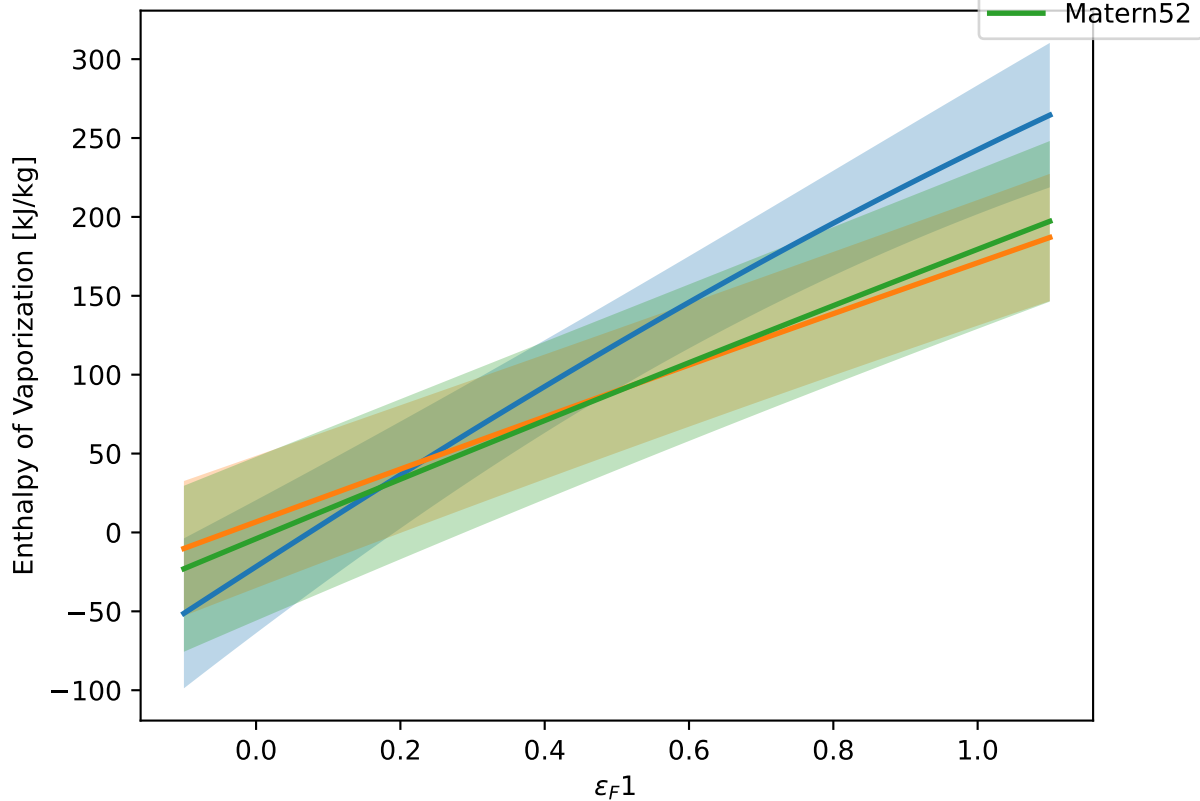
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.50.



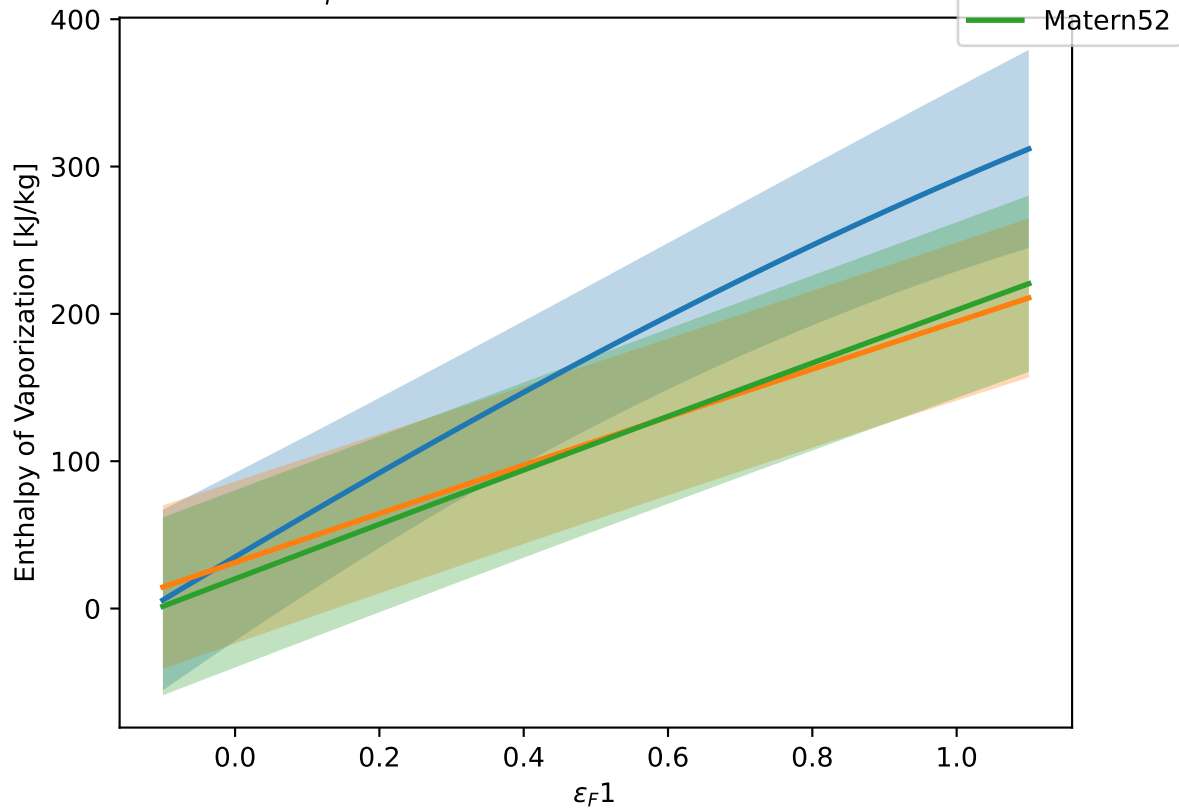
$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.60.



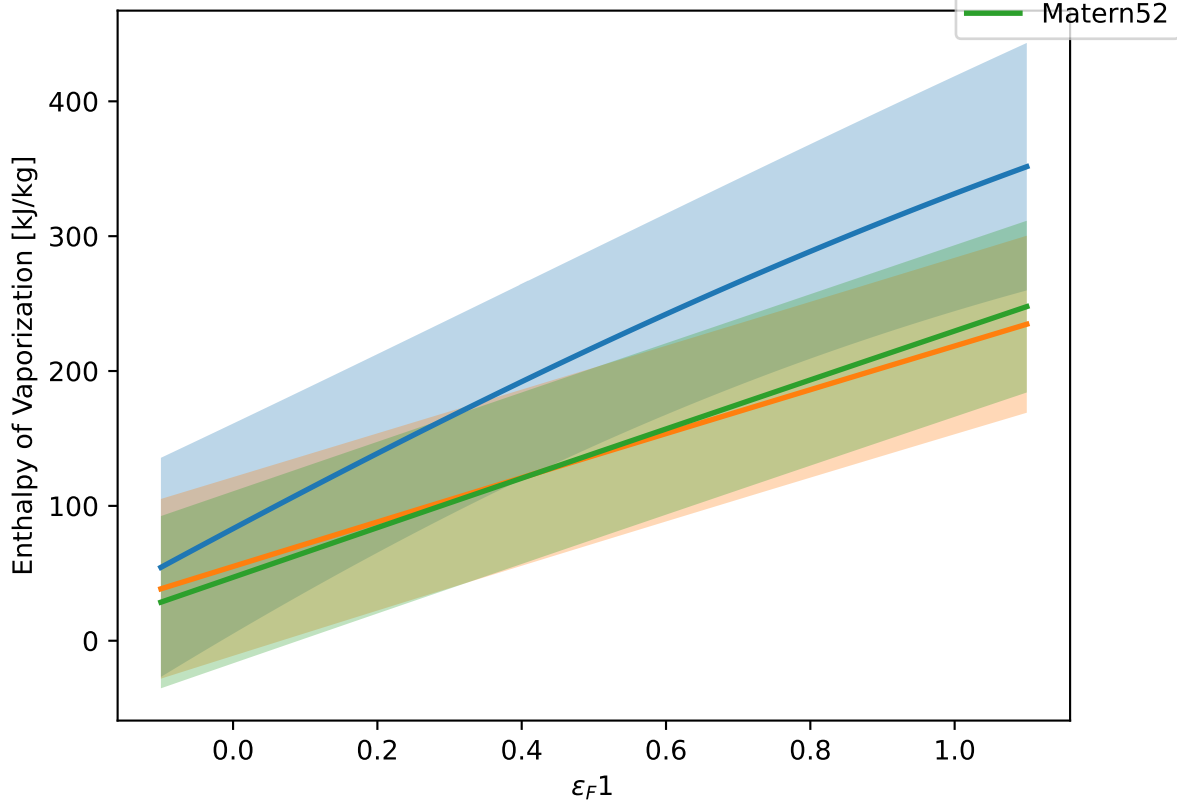
$\varepsilon_F1$  at T = 250 K. Other vals = 0.70.



$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.80.



$\varepsilon_F 1$  at  $T = 250$  K. Other vals = 0.90.



$\varepsilon_F 1$  at T = 250 K. Other vals = 1.00.

