

trabalho_final

August 2, 2022

1 Importando bibliotecas

```
[ ]: ##### Definição do Frame Work #####  
  
from CoolProp.CoolProp import PropsSI  
import numpy as np  
import matplotlib.pyplot as plt  
import pandas as pd  
from CoolProp.Plots import PropertyPlot  
  
import utils
```

2 Definindo funções

```
[ ]: def calc_COP(T_eva_in,delta_P_in):  
    T_eva = utils.Experimento.celcius_to_kelvin(T_eva_in)  
    delta_P = utils.Experimento.bar_to_pascal(delta_P_in)  
  
    P_baixa = PropsSI("P","T", T_eva,"Q", 1, "R404a")  
  
    P_alta = P_baixa + delta_P  
  
    # ponto 1  
  
    T_1 = T_eva + 8  
  
    H_1 = PropsSI("H","P",P_baixa,"T",T_1,"R404a")  
  
    # ponto 2  
  
    S_1 = PropsSI("S","P",P_baixa,"T",T_1,"R404a")  
  
    H_2 = PropsSI("H","P",P_alta,"S",S_1,"R404a")  
  
    # ponto 3
```

```

T_3_ideal = PropsSI("T", "P", P_alta, "Q", 0, "R404a")

T_3 = T_3_ideal - 8

H_3 = PropsSI("H", "P", P_alta, "T", T_3, "R404a")

# ponto 4
H_4 = H_3

df = pd.DataFrame(
    (
        [H_1, P_baixa],
        [H_2, P_alta],
        [H_3, P_alta],
        [H_4, P_baixa],
    ),
    columns=["Entalpia", "Pressao"]
)

cop = (H_1 - H_4) / (H_2 - H_1)

return df, cop

def plot_diagrama_ph(df_list):
    ph_plot = PropertyPlot("R404a", "Ph")
    ph_plot.calc_isolines()
    fig = ph_plot.figure
    fig.set_size_inches(16, 9)
    ax = ph_plot.axis

    for df, legend, color in df_list:

        # definindo listas para fechar o ciclo
        plot_entalpia = df.Entalpia.to_list()
        plot_pressao = df.Pressao.to_list()

        plot_entalpia.append(df.Entalpia[0])
        plot_pressao.append(df.Pressao[0])

        plot_entalpia = [h / 10 ** 3 for h in plot_entalpia]
        plot_pressao = [h / 10 ** 3 for h in plot_pressao]

        ax.plot(
            plot_entalpia,
            plot_pressao,
            "o",

```

```

        plot_entalpia,
        plot_pressao,
        "-",
        color=color,
        label=legend
    )

    # anotando os pontos no diagrama

    ax.annotate(
        "S1",
        (
            df.Entalpia[0] / 1e3 + 5,
            df.Pressao[0] / 1e3 + 5,
        ),
        size=24,
    )
    ax.annotate(
        "S2",
        (
            df.Entalpia[1] / 1e3 + 5,
            df.Pressao[1] / 1e3 + 5,
        ),
        size=24,
    )
    ax.annotate(
        "S3",
        (
            df.Entalpia[2] / 1e3 + 5,
            df.Pressao[2] / 1e3 + 5,
        ),
        size=24,
    )
    ax.annotate(
        "S4",
        (
            df.Entalpia[3] / 1e3 + 5,
            df.Pressao[3] / 1e3 + 5,
        ),
        size=24,
    )
    ax.tick_params(axis="x", labelsz=24)
    ax.tick_params(axis="y", labelsz=24)
    ax.set_xlabel("Entalpia específica(kJ/kg)", fontsize=24)
    ax.set_ylabel("Pressão (kPa)", fontsize=24)
    ax.legend()

```

```
ph_plot.show()
```

3 Definindo variaveis de entrada

3.1 Antecamara

```
[ ]: T_eva_ant = 4  
     delta_P_ant = 16  
  
     df_ant, COP_ant = calc_COP(T_eva_ant, delta_P_ant)
```

```
[ ]: COP_ant
```

```
[ ]: 4.314677477909686
```

```
[ ]: df_ant
```

```
[ ]:      Entalpia      Pressao  
0  375881.738138  6.805318e+05  
1  401533.435364  2.381857e+06  
2  265202.937847  2.381857e+06  
3  265202.937847  6.805318e+05
```

3.2 Resfriamento

```
[ ]: T_eva_res = -1  
     delta_P_res = 14  
  
     df_res, COP_res = calc_COP(T_eva_res, delta_P_res)
```

```
[ ]: COP_res
```

```
[ ]: 4.4603209482803825
```

```
[ ]: df_res
```

```
[ ]:      Entalpia      Pressao  
0  373180.465076  5.813720e+05  
1  399536.046484  2.082697e+06  
2  255626.113220  2.082697e+06  
3  255626.113220  5.813720e+05
```

3.3 Congelamento

```
[ ]: T_eva_cong = -23
     delta_P_cong = 13

     df_cong, COP_cong = calc_COP(T_eva_cong, delta_P_cong)
```

```
[ ]: COP_cong
```

```
[ ]: 3.104601468608767
```

```
[ ]: df_cong
```

```
[ ]:      Entalpia      Pressao
0  360436.806312  2.676508e+05
1  398884.713119  1.668976e+06
2  241071.378373  1.668976e+06
3  241071.378373  2.676508e+05
```

4 Diagrama Ph

```
[ ]: df_list = [
      (df_res, "Resfriamento", "blue"),
      (df_cong, "Congelamento", "green"),
      (df_ant, "Antecamara", "red"),
    ]
```

```
plot_diagrama_ph(df_list)
```

```
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
22876.107561, 602.916479 with index (0,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=200.155 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8660848595 J/mol/K
```

```
warnings.warn(
```

```
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
23425.216131, 602.916479 with index (1,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=200.523 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8660030697 J/mol/K
```

```
warnings.warn(
```

```
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
```

```

packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
23987.505275, 602.916479 with index (2,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=200.894 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8659193172 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
24563.291374, 602.916479 with index (3,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=201.266 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.865833555 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
25152.898403, 602.916479 with index (4,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=201.64 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8657457348 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
25756.658114, 602.916479 with index (5,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=202.015 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8656558072 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
26374.910222, 602.916479 with index (6,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=202.392 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8655637216 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
27008.002596, 602.916479 with index (7,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=202.771 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8654694264 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
27656.291456, 602.916479 with index (8,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=203.151 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8653728685 J/mol/K
    warnings.warn(

```

```

/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
28320.141572, 602.916479 with index (9,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=203.534 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8652739937 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
28999.926471, 602.916479 with index (10,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=203.917 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8651727463 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
29696.028643, 602.916479 with index (11,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=204.303 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8650690694 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
30408.839762, 602.916479 with index (12,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=204.69 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8649629048 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
31138.760903, 602.916479 with index (13,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=205.079 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8648541928 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
31886.202768, 602.916479 with index (14,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=205.47 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8647428723 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
32651.585916, 602.916479 with index (15,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=205.863 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8646288808 J/mol/K

```

```

warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
33435.341002, 602.916479 with index (16,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=206.257 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8645121541 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
34237.909020, 602.916479 with index (17,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=206.653 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8643926267 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
35059.741547, 602.916479 with index (18,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=207.051 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8642702313 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
35901.301000, 602.916479 with index (19,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=207.451 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8641448993 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
36763.060895, 602.916479 with index (20,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=207.853 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8640165602 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
37645.506117, 602.916479 with index (21,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=208.256 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8638851418 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
38549.133187, 602.916479 with index (22,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=208.662 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of

```


58.8637505703 J/mol/K

```
warnings.warn(  
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
39474.450546, 602.916479 with index (23,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=209.069 due to error: HSU_P_flash_singlephase_Brent could not  
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of  
58.8636127701 J/mol/K
```

```
warnings.warn(  
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
40421.978837, 602.916479 with index (24,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=209.478 due to error: HSU_P_flash_singlephase_Brent could not  
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of  
58.8634716638 J/mol/K
```

```
warnings.warn(  
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
41392.251203, 602.916479 with index (25,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=209.889 due to error: HSU_P_flash_singlephase_Brent could not  
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of  
58.8633271721 J/mol/K
```

```
warnings.warn(  
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
42385.813584, 602.916479 with index (26,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=210.302 due to error: HSU_P_flash_singlephase_Brent could not  
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of  
58.8631792138 J/mol/K
```

```
warnings.warn(  
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
43403.225022, 602.916479 with index (27,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=210.717 due to error: HSU_P_flash_singlephase_Brent could not  
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of  
58.8630277057 J/mol/K
```

```
warnings.warn(  
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
44445.057982, 602.916479 with index (28,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=211.133 due to error: HSU_P_flash_singlephase_Brent could not  
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of  
58.8628725629 J/mol/K
```

```
warnings.warn(  
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
45511.898666, 602.916479 with index (29,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=211.552 due to error: HSU_P_flash_singlephase_Brent could not
```

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find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.862713698 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
46604.347351, 602.916479 with index (30,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=211.973 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8625510219 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
47723.018719, 602.916479 with index (31,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=212.395 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8623844431 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
48868.542210, 602.916479 with index (32,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=212.82 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8622138682 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
50041.562370, 602.916479 with index (33,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=213.247 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8620392012 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
51242.739218, 602.916479 with index (34,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=213.675 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8618603441 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
52472.748616, 602.916479 with index (35,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=214.106 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8616771965 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
53732.282647, 602.916479 with index (36,): unable to solve 1phase PY flash with

```

Tmin=199.999, Tmax=214.539 due to error: HSU_P_flash_singlephase_Brent could not find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of 58.8614896554 J/mol/K

```
warnings.warn(
```

```
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
55022.050009, 602.916479 with index (37,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=214.974 due to error: HSU_P_flash_singlephase_Brent could not  
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of  
58.8612976156 J/mol/K
```

```
warnings.warn(
```

```
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
56342.776411, 602.916479 with index (38,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=215.411 due to error: HSU_P_flash_singlephase_Brent could not  
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of  
58.8611009692 J/mol/K
```

```
warnings.warn(
```

```
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
57695.204980, 602.916479 with index (39,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=215.85 due to error: HSU_P_flash_singlephase_Brent could not  
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of  
58.8608996057 J/mol/K
```

```
warnings.warn(
```

```
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
59080.096682, 602.916479 with index (40,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=216.291 due to error: HSU_P_flash_singlephase_Brent could not  
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of  
58.8606934121 J/mol/K
```

```
warnings.warn(
```

```
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
60498.230748, 602.916479 with index (41,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=216.734 due to error: HSU_P_flash_singlephase_Brent could not  
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of  
58.8604822727 J/mol/K
```

```
warnings.warn(
```

```
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs  
61950.405114, 602.916479 with index (42,): unable to solve 1phase PY flash with  
Tmin=199.999, Tmax=217.179 due to error: HSU_P_flash_singlephase_Brent could not  
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of  
58.8602660689 J/mol/K
```

```
warnings.warn(
```

```
/home/thiago/anaconda3/envs/default/lib/python3.9/site-  
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
```

```

63437.436870, 602.916479 with index (43,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=217.627 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8600446792 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
64960.162717, 602.916479 with index (44,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=218.077 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8598179794 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
66519.439442, 602.916479 with index (45,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=218.529 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8595858423 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
68116.144398, 602.916479 with index (46,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=218.983 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8593481375 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
69751.175994, 602.916479 with index (47,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=219.439 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8591047315 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
71425.454210, 602.916479 with index (48,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=219.898 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8588554879 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
73139.921103, 602.916479 with index (49,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=220.358 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8586002666 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

```

packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
74895.541346, 602.916479 with index (50,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=220.821 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8583389245 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
76693.302767, 602.916479 with index (51,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=221.287 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8580713149 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
78534.216905, 602.916479 with index (52,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=221.755 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8577972876 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
80419.319581, 602.916479 with index (53,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=222.225 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8575166888 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
82349.671478, 602.916479 with index (54,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=222.697 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8572293612 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
84326.358738, 602.916479 with index (55,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=223.172 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8569351435 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
86350.493577, 602.916479 with index (56,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=223.649 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8566338706 J/mol/K
    warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
88423.214907, 602.916479 with index (57,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=224.128 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8563253736 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
90545.688977, 602.916479 with index (58,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=224.61 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8560094794 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
92719.110032, 602.916479 with index (59,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=225.094 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8556860109 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
94944.700983, 602.916479 with index (60,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=225.581 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8553547866 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
97223.714092, 602.916479 with index (61,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=226.07 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8550156207 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
99557.431684, 602.916479 with index (62,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=226.562 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8546683232 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
101947.166863, 602.916479 with index (63,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=227.056 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8543126992 J/mol/K

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
104394.264251, 602.916479 with index (64,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=227.553 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8539485494 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
106900.100747, 602.916479 with index (65,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=228.052 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8535756696 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
109466.086299, 602.916479 with index (66,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=228.554 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8531938509 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
112093.664702, 602.916479 with index (67,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=229.058 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8528028791 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
114784.314403, 602.916479 with index (68,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=229.565 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8524025352 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
117539.549341, 602.916479 with index (69,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=230.074 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8519925949 J/mol/K
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
120360.919792, 602.916479 with index (70,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=230.586 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of

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58.8515728284 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
123250.013246, 602.916479 with index (71,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=231.101 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8511430005 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
126208.455297, 602.916479 with index (72,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=231.619 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8507028704 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
129237.910561, 602.916479 with index (73,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=232.139 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8502521916 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
132340.083609, 602.916479 with index (74,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=232.662 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8497907117 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
135516.719928, 602.916479 with index (75,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=233.187 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8493181721 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
138769.606904, 602.916479 with index (76,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=233.716 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8488343083 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
142100.574826, 602.916479 with index (77,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=234.247 due to error: HSU_P_flash_singlephase_Brent could not

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find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8483388493 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
145511.497917, 602.916479 with index (78,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=234.781 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8478315178 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
149004.295386, 602.916479 with index (79,): unable to solve 1phase PY flash with
Tmin=199.999, Tmax=235.317 due to error: HSU_P_flash_singlephase_Brent could not
find a solution because Smolar [58.8469 J/mol/K] is below the minimum value of
58.8473120297 J/mol/K
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
24563.291374, 202.000070 with index (3,): bad input for other
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
25152.898403, 202.000070 with index (4,): bad input for other
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
82349.671478, 223.285779 with index (54,): Two-phase inputs not supported for
pseudo-pure for now
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
84326.358738, 223.285779 with index (55,): Two-phase inputs not supported for
pseudo-pure for now
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
217782.217267, 244.571488 with index (95,): Two-phase inputs not supported for
pseudo-pure for now
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
476399.334087, 265.857198 with index (128,): Two-phase inputs not supported for
pseudo-pure for now
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:655: UserWarning: An error occurred for inputs
925576.869650, 287.142907 with index (156,): Two-phase inputs not supported for

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pseudo-pure for now
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:608: UserWarning: Please use "calc_sat_range"
to calculate saturation and isoquality lines. Input ranges are discarded.
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 204.083962 with index (7,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```

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0.071429, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 211.084921 with index (19,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 215.752226 with index (27,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 218.085879 with index (31,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 225.086838 with index (43,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 232.087797 with index (55,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.071429, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```



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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 239.088756 with index (67,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 243.756062 with index (75,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 246.089715 with index (79,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 253.090674 with index (91,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 260.091633 with index (103,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.071429, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 267.092591 with index (115,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 271.759897 with index (123,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 274.093550 with index (127,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 281.094509 with index (139,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 288.095468 with index (151,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.071429, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 295.096427 with index (163,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 299.763733 with index (171,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 302.097386 with index (175,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 309.098345 with index (187,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 316.099304 with index (199,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.071429, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 323.100262 with index (211,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 327.767568 with index (219,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 330.101221 with index (223,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 337.102180 with index (235,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 344.103139 with index (247,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near

```

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critical inputs 0.071429, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.071429, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.071429, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:683: UserWarning: Poor data quality, there are
not enough valid entries for x (0.000000/250.000000) or y (0.000000/250.000000).
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 204.083962 with index (7,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 211.084921 with index (19,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.142857, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 215.752226 with index (27,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 218.085879 with index (31,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 225.086838 with index (43,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 232.087797 with index (55,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 239.088756 with index (67,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.142857, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 243.756062 with index (75,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 246.089715 with index (79,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 253.090674 with index (91,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 260.091633 with index (103,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 267.092591 with index (115,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```



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0.142857, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 271.759897 with index (123,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 274.093550 with index (127,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 281.094509 with index (139,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 288.095468 with index (151,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 295.096427 with index (163,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```

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0.142857, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 299.763733 with index (171,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 302.097386 with index (175,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 309.098345 with index (187,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```



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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 316.099304 with index (199,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 323.100262 with index (211,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.142857, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 327.767568 with index (219,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 330.101221 with index (223,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 337.102180 with index (235,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 344.103139 with index (247,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.142857, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.142857, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.142857, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 204.083962 with index (7,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.214286, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 211.084921 with index (19,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```



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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 215.752226 with index (27,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 218.085879 with index (31,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 225.086838 with index (43,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 232.087797 with index (55,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.214286, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 239.088756 with index (67,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 243.756062 with index (75,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 246.089715 with index (79,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 253.090674 with index (91,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 260.091633 with index (103,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.214286, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 267.092591 with index (115,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 271.759897 with index (123,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 274.093550 with index (127,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 281.094509 with index (139,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 288.095468 with index (151,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```

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0.214286, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 295.096427 with index (163,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 299.763733 with index (171,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 302.097386 with index (175,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 309.098345 with index (187,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 316.099304 with index (199,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.214286, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 323.100262 with index (211,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 327.767568 with index (219,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 330.101221 with index (223,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 337.102180 with index (235,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 344.103139 with index (247,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.214286, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.214286, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.214286, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.285714, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 204.083962 with index (7,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 211.084921 with index (19,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 215.752226 with index (27,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 218.085879 with index (31,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 225.086838 with index (43,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.285714, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 232.087797 with index (55,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 239.088756 with index (67,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 243.756062 with index (75,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 246.089715 with index (79,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 253.090674 with index (91,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.285714, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 260.091633 with index (103,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 267.092591 with index (115,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 271.759897 with index (123,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 274.093550 with index (127,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 281.094509 with index (139,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.285714, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 288.095468 with index (151,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 295.096427 with index (163,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 299.763733 with index (171,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 302.097386 with index (175,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```

```

warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 309.098345 with index (187,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.285714, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 316.099304 with index (199,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 323.100262 with index (211,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 327.767568 with index (219,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 330.101221 with index (223,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```



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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 337.102180 with index (235,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.285714, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 344.103139 with index (247,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.285714, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

```

/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.285714, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.285714, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 204.083962 with index (7,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 211.084921 with index (19,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 215.752226 with index (27,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 218.085879 with index (31,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.357143, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 225.086838 with index (43,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 232.087797 with index (55,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 239.088756 with index (67,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 243.756062 with index (75,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 246.089715 with index (79,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.357143, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 253.090674 with index (91,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 260.091633 with index (103,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 267.092591 with index (115,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 271.759897 with index (123,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 274.093550 with index (127,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```



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0.357143, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 281.094509 with index (139,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 288.095468 with index (151,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 295.096427 with index (163,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 299.763733 with index (171,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 302.097386 with index (175,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.357143, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 309.098345 with index (187,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 316.099304 with index (199,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```



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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 323.100262 with index (211,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 327.767568 with index (219,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 330.101221 with index (223,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.357143, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 337.102180 with index (235,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 344.103139 with index (247,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.357143, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.357143, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.357143, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 204.083962 with index (7,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 211.084921 with index (19,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.428571, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 215.752226 with index (27,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 218.085879 with index (31,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```



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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 225.086838 with index (43,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 232.087797 with index (55,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 239.088756 with index (67,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.428571, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 243.756062 with index (75,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 246.089715 with index (79,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 253.090674 with index (91,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 260.091633 with index (103,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 267.092591 with index (115,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```

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0.428571, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 271.759897 with index (123,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 274.093550 with index (127,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 281.094509 with index (139,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 288.095468 with index (151,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 295.096427 with index (163,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```

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0.428571, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 299.763733 with index (171,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 302.097386 with index (175,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 309.098345 with index (187,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 316.099304 with index (199,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 323.100262 with index (211,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.428571, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 327.767568 with index (219,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 330.101221 with index (223,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 337.102180 with index (235,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 344.103139 with index (247,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.428571, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.428571, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.428571, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 204.083962 with index (7,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.500000, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 211.084921 with index (19,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 215.752226 with index (27,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 218.085879 with index (31,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 225.086838 with index (43,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 232.087797 with index (55,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.500000, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 239.088756 with index (67,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 243.756062 with index (75,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 246.089715 with index (79,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 253.090674 with index (91,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 260.091633 with index (103,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```

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0.500000, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 267.092591 with index (115,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 271.759897 with index (123,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 274.093550 with index (127,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 281.094509 with index (139,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 288.095468 with index (151,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.500000, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 295.096427 with index (163,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```



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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 299.763733 with index (171,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 302.097386 with index (175,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 309.098345 with index (187,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 316.099304 with index (199,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.500000, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 323.100262 with index (211,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 327.767568 with index (219,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 330.101221 with index (223,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 337.102180 with index (235,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```



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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 344.103139 with index (247,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.500000, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.500000, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.500000, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.571429, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 204.083962 with index (7,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 211.084921 with index (19,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 215.752226 with index (27,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 218.085879 with index (31,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 225.086838 with index (43,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.571429, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 232.087797 with index (55,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 239.088756 with index (67,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 243.756062 with index (75,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 246.089715 with index (79,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 253.090674 with index (91,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```

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0.571429, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 260.091633 with index (103,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 267.092591 with index (115,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 271.759897 with index (123,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 274.093550 with index (127,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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```

warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 281.094509 with index (139,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```



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0.571429, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 288.095468 with index (151,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 295.096427 with index (163,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 299.763733 with index (171,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 302.097386 with index (175,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 309.098345 with index (187,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.571429, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 316.099304 with index (199,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 323.100262 with index (211,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 327.767568 with index (219,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```



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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 330.101221 with index (223,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 337.102180 with index (235,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.571429, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 344.103139 with index (247,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.571429, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.571429, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.571429, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 204.083962 with index (7,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 211.084921 with index (19,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 215.752226 with index (27,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 218.085879 with index (31,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.642857, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 225.086838 with index (43,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```



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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 232.087797 with index (55,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 239.088756 with index (67,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 243.756062 with index (75,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 246.089715 with index (79,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```

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0.642857, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 253.090674 with index (91,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 260.091633 with index (103,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 267.092591 with index (115,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 271.759897 with index (123,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 274.093550 with index (127,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.642857, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 281.094509 with index (139,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 288.095468 with index (151,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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```

packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 295.096427 with index (163,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 299.763733 with index (171,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 302.097386 with index (175,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.642857, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 309.098345 with index (187,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 316.099304 with index (199,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 323.100262 with index (211,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 327.767568 with index (219,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 330.101221 with index (223,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.642857, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 337.102180 with index (235,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 344.103139 with index (247,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.642857, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.642857, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.642857, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 204.083962 with index (7,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 211.084921 with index (19,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.714286, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 215.752226 with index (27,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 218.085879 with index (31,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 225.086838 with index (43,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 232.087797 with index (55,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 239.088756 with index (67,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```

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0.714286, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 243.756062 with index (75,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 246.089715 with index (79,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 253.090674 with index (91,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 260.091633 with index (103,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 267.092591 with index (115,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.714286, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 271.759897 with index (123,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 274.093550 with index (127,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 281.094509 with index (139,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 288.095468 with index (151,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 295.096427 with index (163,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```

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0.714286, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 299.763733 with index (171,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 302.097386 with index (175,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```



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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 309.098345 with index (187,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 316.099304 with index (199,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 323.100262 with index (211,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.714286, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 327.767568 with index (219,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 330.101221 with index (223,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 337.102180 with index (235,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
  warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 344.103139 with index (247,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.714286, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.714286, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.714286, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 204.083962 with index (7,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.785714, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 211.084921 with index (19,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 215.752226 with index (27,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 218.085879 with index (31,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 225.086838 with index (43,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 232.087797 with index (55,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.785714, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 239.088756 with index (67,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 243.756062 with index (75,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 246.089715 with index (79,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 253.090674 with index (91,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 260.091633 with index (103,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.785714, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 267.092591 with index (115,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 271.759897 with index (123,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 274.093550 with index (127,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 281.094509 with index (139,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 288.095468 with index (151,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

```



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0.785714, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 295.096427 with index (163,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 299.763733 with index (171,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 302.097386 with index (175,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 309.098345 with index (187,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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```

warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 316.099304 with index (199,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.785714, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 323.100262 with index (211,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 327.767568 with index (219,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 330.101221 with index (223,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```



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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 337.102180 with index (235,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 344.103139 with index (247,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.785714, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.785714, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.785714, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.857143, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 204.083962 with index (7,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 211.084921 with index (19,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 215.752226 with index (27,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 218.085879 with index (31,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 225.086838 with index (43,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.857143, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 232.087797 with index (55,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```



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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 239.088756 with index (67,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 243.756062 with index (75,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 246.089715 with index (79,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 253.090674 with index (91,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.857143, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 260.091633 with index (103,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 267.092591 with index (115,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 271.759897 with index (123,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 274.093550 with index (127,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```



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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 281.094509 with index (139,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.857143, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 288.095468 with index (151,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 295.096427 with index (163,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 299.763733 with index (171,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 302.097386 with index (175,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 309.098345 with index (187,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.857143, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 316.099304 with index (199,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 323.100262 with index (211,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 327.767568 with index (219,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 330.101221 with index (223,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 337.102180 with index (235,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.857143, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 344.103139 with index (247,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.857143, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.857143, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.857143, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 200.000069 with index (0,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 200.583482 with index (1,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 201.166896 with index (2,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 201.750309 with index (3,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 202.333722 with index (4,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 202.917135 with index (5,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 203.500548 with index (6,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 204.083962 with index (7,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 204.667375 with index (8,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 205.250788 with index (9,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 205.834201 with index (10,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 206.417615 with index (11,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 207.001028 with index (12,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 207.584441 with index (13,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 208.167854 with index (14,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 208.751268 with index (15,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 209.334681 with index (16,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 209.918094 with index (17,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 210.501507 with index (18,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 211.084921 with index (19,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 211.668334 with index (20,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 212.251747 with index (21,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 212.835160 with index (22,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 213.418574 with index (23,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 214.001987 with index (24,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 214.585400 with index (25,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 215.168813 with index (26,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 215.752226 with index (27,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 216.335640 with index (28,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 216.919053 with index (29,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 217.502466 with index (30,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 218.085879 with index (31,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 218.669293 with index (32,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 219.252706 with index (33,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 219.836119 with index (34,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 220.419532 with index (35,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.928571, 221.002946 with index (36,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 221.586359 with index (37,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 222.169772 with index (38,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 222.753185 with index (39,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 223.336599 with index (40,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 223.920012 with index (41,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 224.503425 with index (42,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 225.086838 with index (43,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 225.670252 with index (44,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 226.253665 with index (45,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 226.837078 with index (46,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 227.420491 with index (47,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 228.003905 with index (48,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 228.587318 with index (49,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 229.170731 with index (50,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 229.754144 with index (51,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 230.337557 with index (52,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 230.920971 with index (53,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 231.504384 with index (54,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 232.087797 with index (55,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 232.671210 with index (56,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 233.254624 with index (57,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 233.838037 with index (58,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 234.421450 with index (59,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 235.004863 with index (60,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 235.588277 with index (61,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 236.171690 with index (62,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 236.755103 with index (63,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 237.338516 with index (64,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 237.921930 with index (65,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 238.505343 with index (66,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 239.088756 with index (67,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 239.672169 with index (68,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 240.255583 with index (69,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 240.838996 with index (70,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 241.422409 with index (71,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 242.005822 with index (72,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 242.589235 with index (73,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 243.172649 with index (74,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 243.756062 with index (75,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 244.339475 with index (76,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 244.922888 with index (77,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 245.506302 with index (78,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 246.089715 with index (79,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 246.673128 with index (80,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 247.256541 with index (81,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 247.839955 with index (82,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 248.423368 with index (83,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.928571, 249.006781 with index (84,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 249.590194 with index (85,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 250.173608 with index (86,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 250.757021 with index (87,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 251.340434 with index (88,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 251.923847 with index (89,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 252.507261 with index (90,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 253.090674 with index (91,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 253.674087 with index (92,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 254.257500 with index (93,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 254.840913 with index (94,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 255.424327 with index (95,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 256.007740 with index (96,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 256.591153 with index (97,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 257.174566 with index (98,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 257.757980 with index (99,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 258.341393 with index (100,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 258.924806 with index (101,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 259.508219 with index (102,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 260.091633 with index (103,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 260.675046 with index (104,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 261.258459 with index (105,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 261.841872 with index (106,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 262.425286 with index (107,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 263.008699 with index (108,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 263.592112 with index (109,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 264.175525 with index (110,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 264.758939 with index (111,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 265.342352 with index (112,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 265.925765 with index (113,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 266.509178 with index (114,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 267.092591 with index (115,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 267.676005 with index (116,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 268.259418 with index (117,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 268.842831 with index (118,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 269.426244 with index (119,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 270.009658 with index (120,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 270.593071 with index (121,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 271.176484 with index (122,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

```

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 271.759897 with index (123,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 272.343311 with index (124,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 272.926724 with index (125,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 273.510137 with index (126,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 274.093550 with index (127,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 274.676964 with index (128,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 275.260377 with index (129,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 275.843790 with index (130,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 276.427203 with index (131,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.928571, 277.010617 with index (132,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 277.594030 with index (133,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 278.177443 with index (134,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 278.760856 with index (135,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 279.344270 with index (136,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 279.927683 with index (137,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 280.511096 with index (138,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 281.094509 with index (139,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 281.677922 with index (140,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 282.261336 with index (141,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```

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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 282.844749 with index (142,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 283.428162 with index (143,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 284.011575 with index (144,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 284.594989 with index (145,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 285.178402 with index (146,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 285.761815 with index (147,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 286.345228 with index (148,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 286.928642 with index (149,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 287.512055 with index (150,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 288.095468 with index (151,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 288.678881 with index (152,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 289.262295 with index (153,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 289.845708 with index (154,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 290.429121 with index (155,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 291.012534 with index (156,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 291.595948 with index (157,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 292.179361 with index (158,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 292.762774 with index (159,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 293.346187 with index (160,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 293.929600 with index (161,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 294.513014 with index (162,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 295.096427 with index (163,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 295.679840 with index (164,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 296.263253 with index (165,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 296.846667 with index (166,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 297.430080 with index (167,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 298.013493 with index (168,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 298.596906 with index (169,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 299.180320 with index (170,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 299.763733 with index (171,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 300.347146 with index (172,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 300.930559 with index (173,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 301.513973 with index (174,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 302.097386 with index (175,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 302.680799 with index (176,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 303.264212 with index (177,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 303.847626 with index (178,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 304.431039 with index (179,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.928571, 305.014452 with index (180,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 305.597865 with index (181,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 306.181278 with index (182,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 306.764692 with index (183,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 307.348105 with index (184,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 307.931518 with index (185,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 308.514931 with index (186,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 309.098345 with index (187,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 309.681758 with index (188,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 310.265171 with index (189,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

```



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/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 310.848584 with index (190,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 311.431998 with index (191,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 312.015411 with index (192,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 312.598824 with index (193,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 313.182237 with index (194,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 313.765651 with index (195,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 314.349064 with index (196,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 314.932477 with index (197,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 315.515890 with index (198,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 316.099304 with index (199,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 316.682717 with index (200,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 317.266130 with index (201,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 317.849543 with index (202,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 318.432956 with index (203,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 319.016370 with index (204,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 319.599783 with index (205,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 320.183196 with index (206,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 320.766609 with index (207,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 321.350023 with index (208,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-

```

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packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 321.933436 with index (209,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 322.516849 with index (210,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 323.100262 with index (211,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 323.683676 with index (212,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 324.267089 with index (213,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 324.850502 with index (214,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 325.433915 with index (215,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 326.017329 with index (216,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 326.600742 with index (217,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
    warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 327.184155 with index (218,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined

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warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 327.767568 with index (219,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 328.350982 with index (220,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 328.934395 with index (221,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 329.517808 with index (222,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 330.101221 with index (223,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 330.684635 with index (224,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 331.268048 with index (225,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 331.851461 with index (226,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 332.434874 with index (227,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs

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0.928571, 333.018287 with index (228,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 333.601701 with index (229,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 334.185114 with index (230,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 334.768527 with index (231,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 335.351940 with index (232,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 335.935354 with index (233,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 336.518767 with index (234,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 337.102180 with index (235,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 337.685593 with index (236,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 338.269007 with index (237,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(

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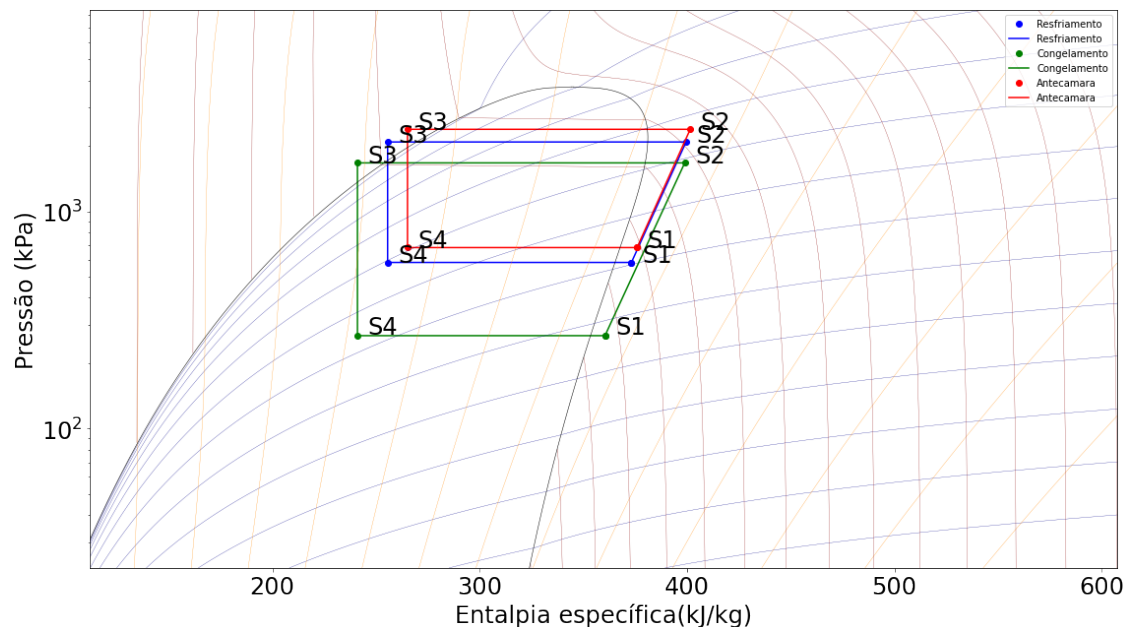
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 338.852420 with index (238,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 339.435833 with index (239,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 340.019246 with index (240,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 340.602660 with index (241,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 341.186073 with index (242,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 341.769486 with index (243,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 342.352899 with index (244,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 342.936313 with index (245,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 343.519726 with index (246,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 344.103139 with index (247,): For pseudo-pure fluid, quality must be

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equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.928571, 344.686552 with index (248,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 344.686552 with index (248,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:591: UserWarning: An error occurred for near
critical inputs 0.928571, 345.269965 with index (249,): For pseudo-pure fluid,
quality must be equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Common.py:596: UserWarning: An error occurred for inputs
0.928571, 345.269965 with index (249,): For pseudo-pure fluid, quality must be
equal to 0 or 1. Two-phase quality is not defined
warnings.warn(
/home/thiago/anaconda3/envs/default/lib/python3.9/site-
packages/CoolProp/Plots/Plots.py:217: UserWarning: Detected an incomplete phase
envelope, fixing it numerically.
warnings.warn("Detected an incomplete phase envelope, fixing it numerically.")

```



[]: