0\_1\_plotRMSE.py

draw the variables

1\_0\_generate\_the\_truth.py

Used to generate the truth after model spin up

Trainset Time 10^8MTU;

integrate time:5\*10^5MTU

Data output per 100,000MTU

1\_1\_generate\_the\_truth.py

Used to generate the truth after model spin up

The output time is 10MTU for the part that is about to stabilize

Output: true2.npy [60001\*36]

Trainset Time: 100,000MTU

Integrate Time: 500,000MTU

0~10000: Trainset data

10001~60000: integrate data

1\_2\_calculate\_sigmahf.py

Used to calculate the sigma\_hf

Output: sigma\_hf\_h.npy

1\_3\_generate\_the\_truth\_obs.py

Used to generate the observation

1\_4\_cal\_sigH\_F.py

Used to calculate the sigma\_hf during the observation period

2\_0\_generate\_the\_truth\_low.py

Used to generate the truth after model spin up(low-resolution)

Trainset Time 10^8MTU;

integrate time:5\*10^5MTU

Data output per 100,000MTU

2\_1\_generate\_the\_truth\_low.py