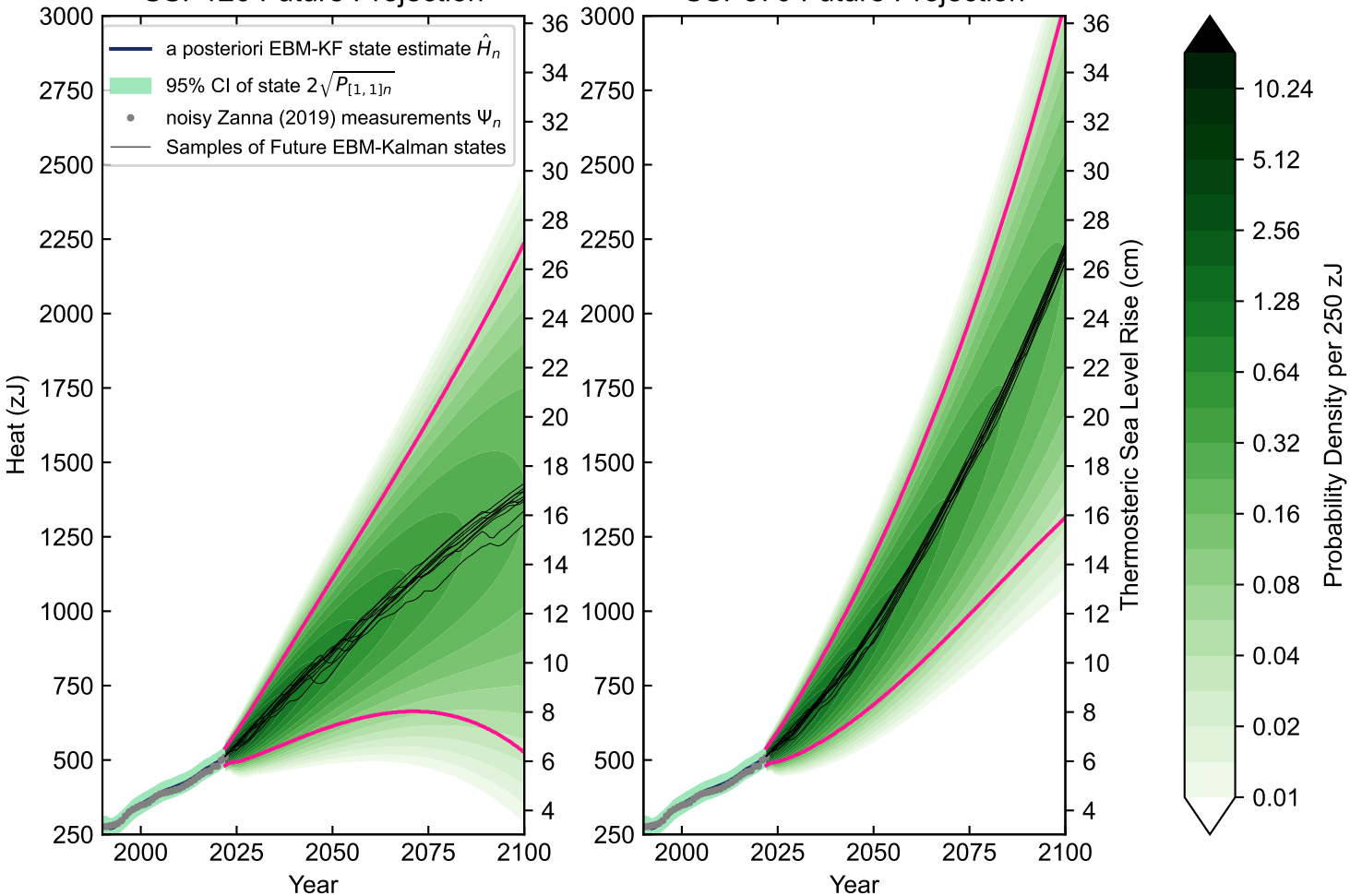
Projected Ocean Heat Content State
SSP126 Future Projection
SSP370 Future Projection
a posteriori EBM-KF state estimate $\hat{H}_n$
95% CI of state $2\sqrt{P_{[1,1]n}}$
noisy Zanna (2019) measurements Ψ_n
Samples of Future EBM-Kalman states
Heat (zJ)
Thermosteric Sea Level Rise (cm)
Year
Probability Density per 250 zJ
3000
2750
2500
2250
2000
1750
1500
1250
1000
750
500
250
36
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2000
2025
2050
2075
2100
10.24
5.12
2.56
1.28
0.64
0.32
0.16
0.08
0.04
0.02
0.01