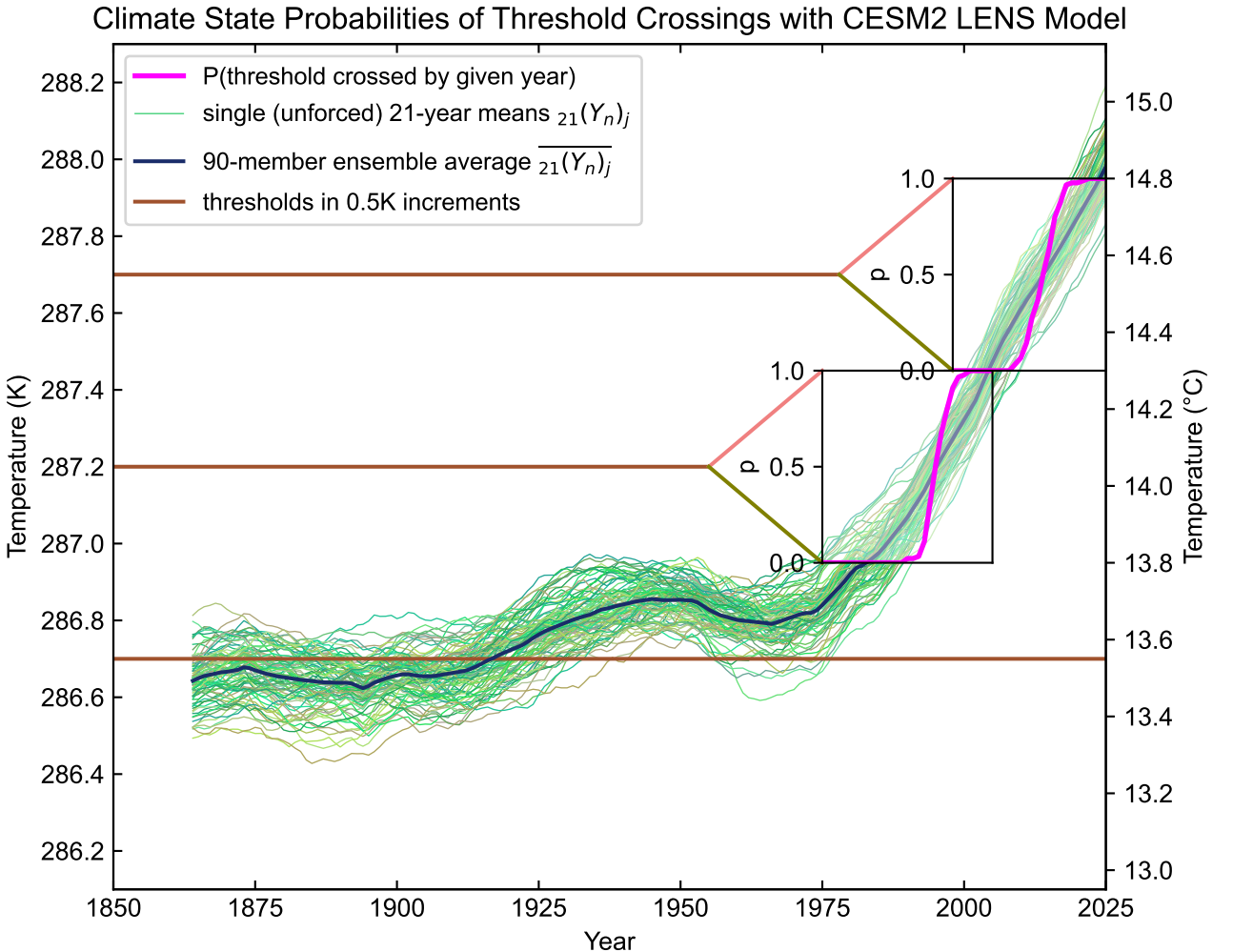
Climate State Probabilities of Threshold Crossings with CESM2 LENS Model
P(threshold crossed by given year)
single (unforced) 21-year means $_{21}(Y_n)_j$
90-member ensemble average $\overline{_{21}(Y_n)_j}$
thresholds in 0.5K increments
Temperature (K)
Temperature (°C)
Year
288.2
288.0
287.8
287.6
287.4
287.2
287.0
286.8
286.6
286.4
286.2
15.0
14.8
14.6
14.4
14.2
14.0
13.8
13.6
13.4
13.2
13.0
1850
1875
1900
1925
1950
1975
2000
2025
p
1.0
0.5
0.0