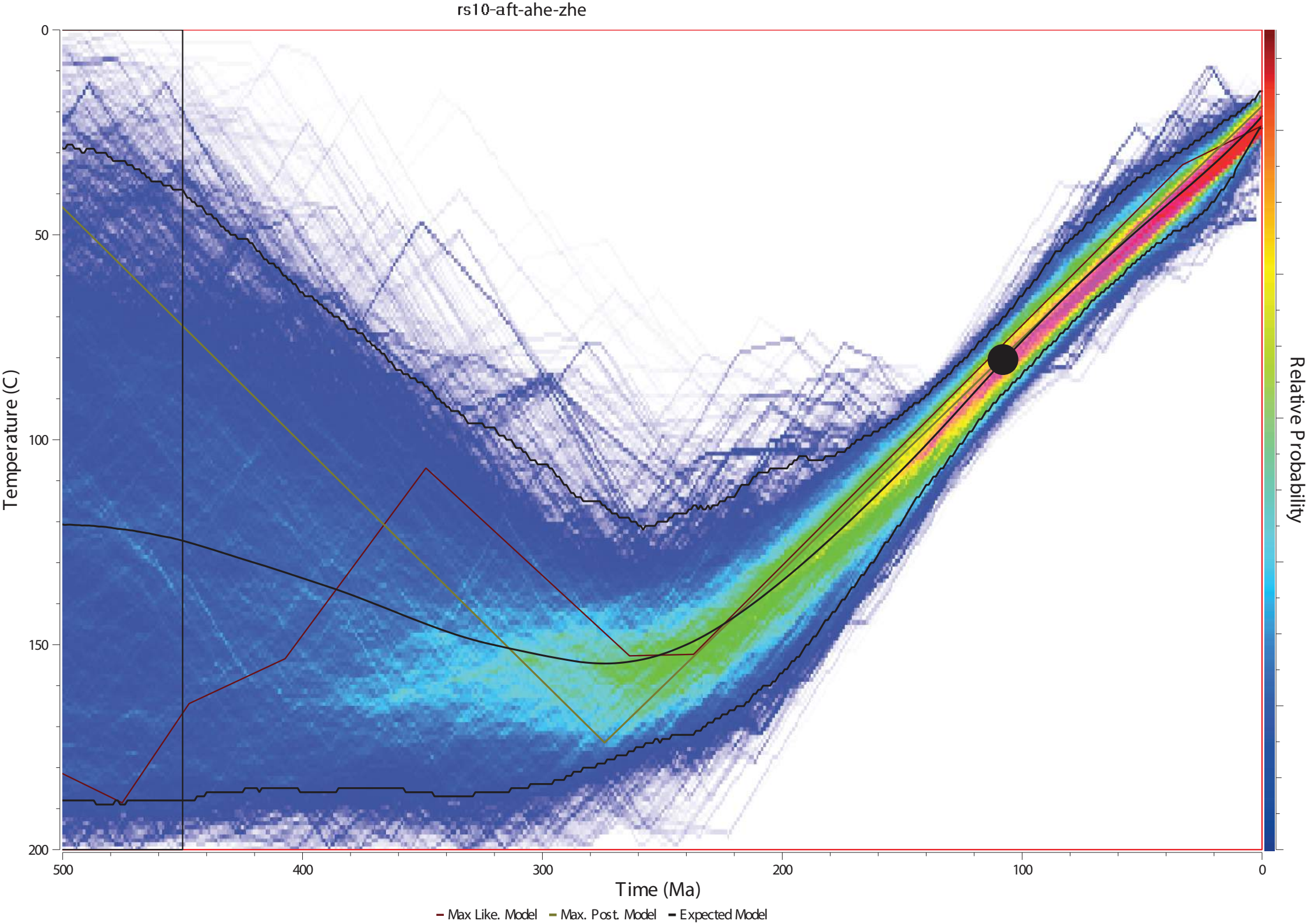
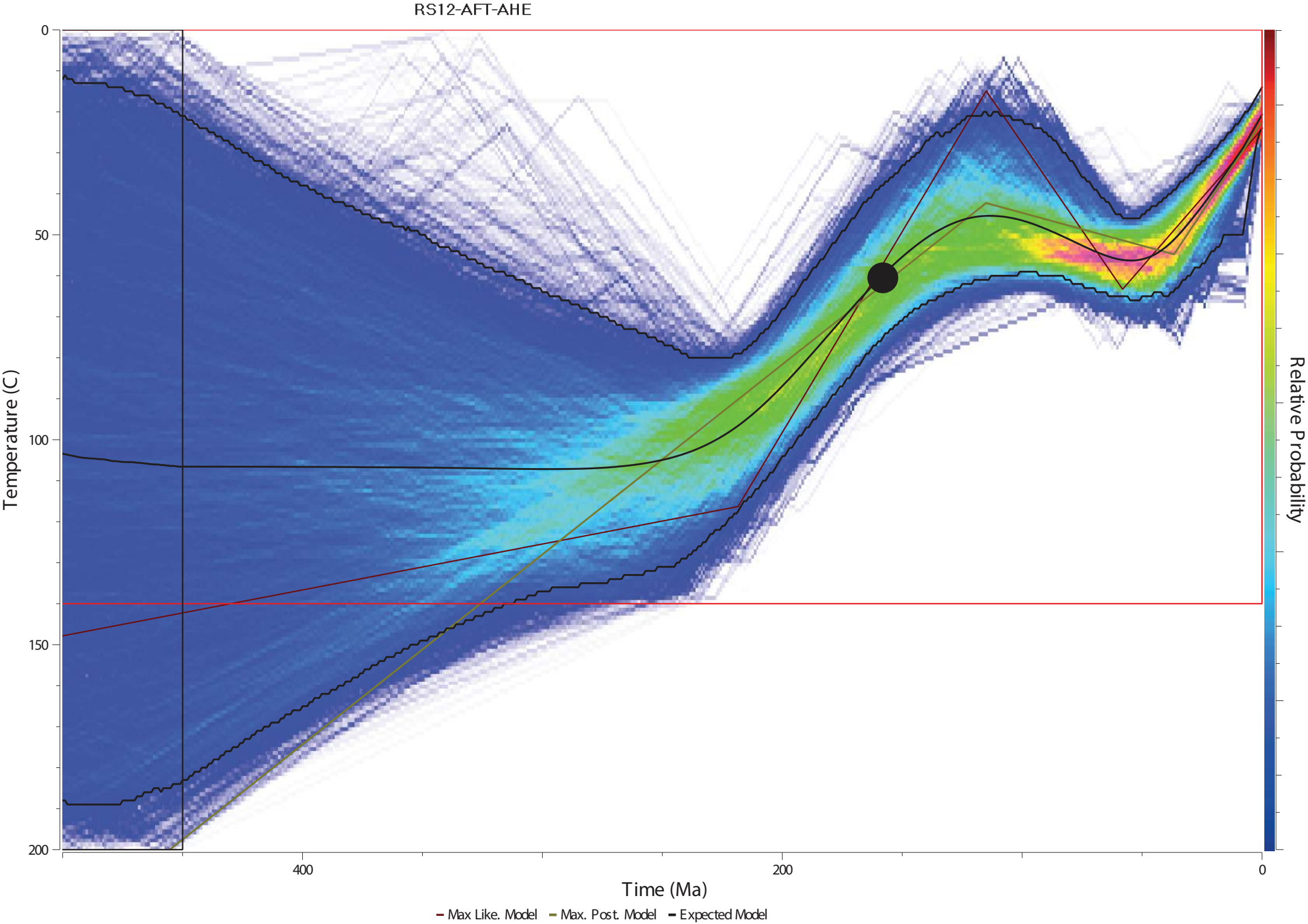
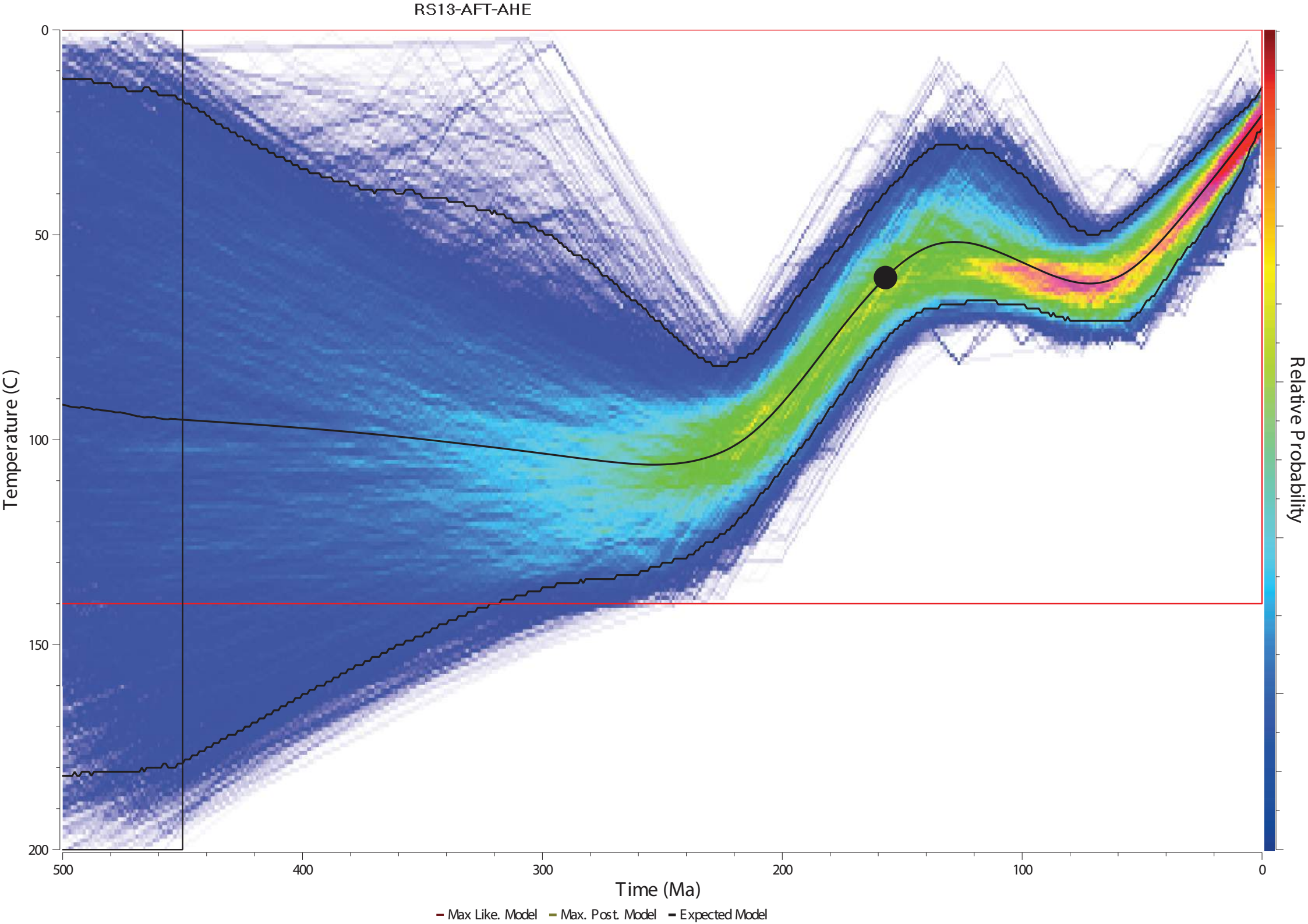
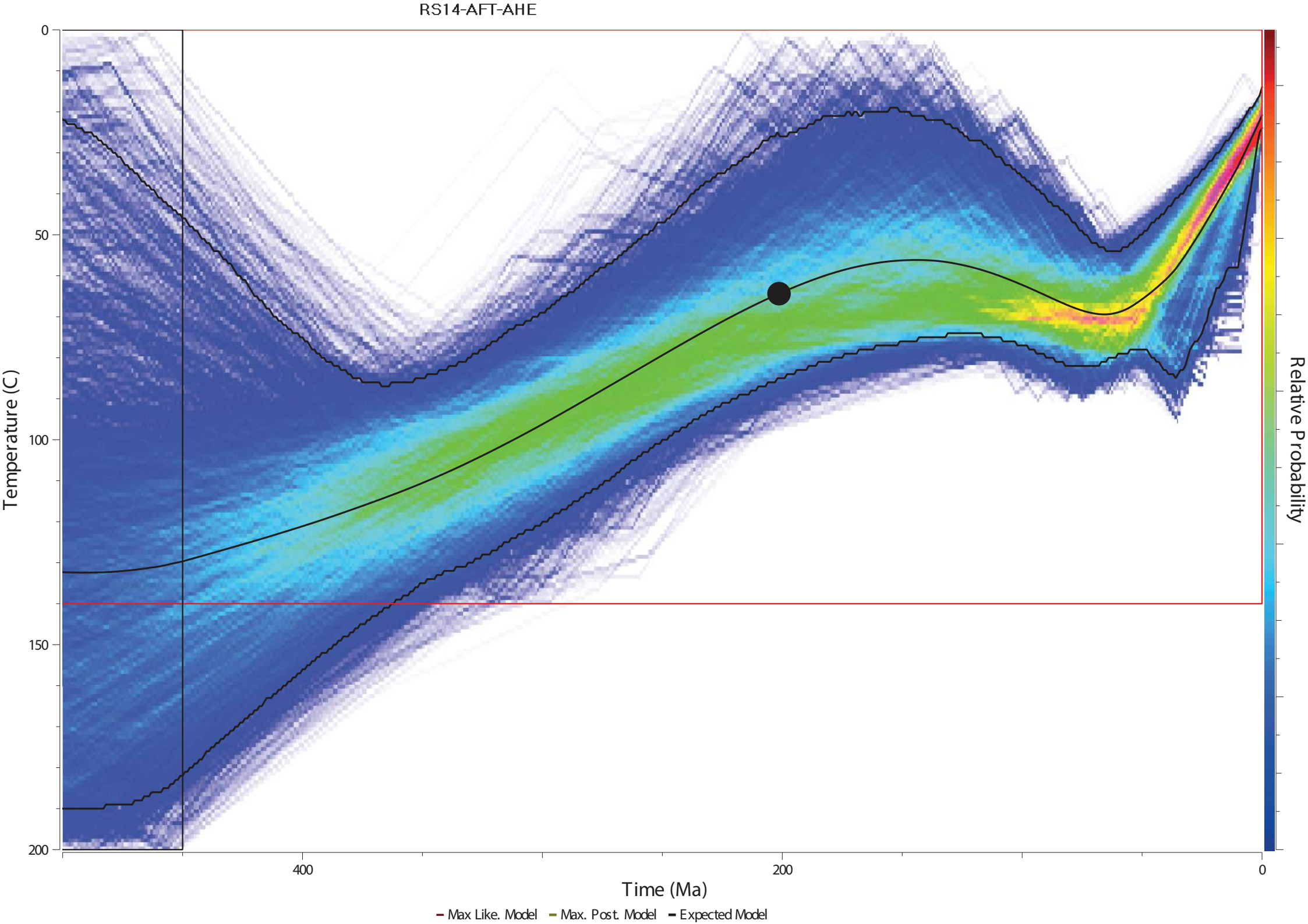
Supplementary I

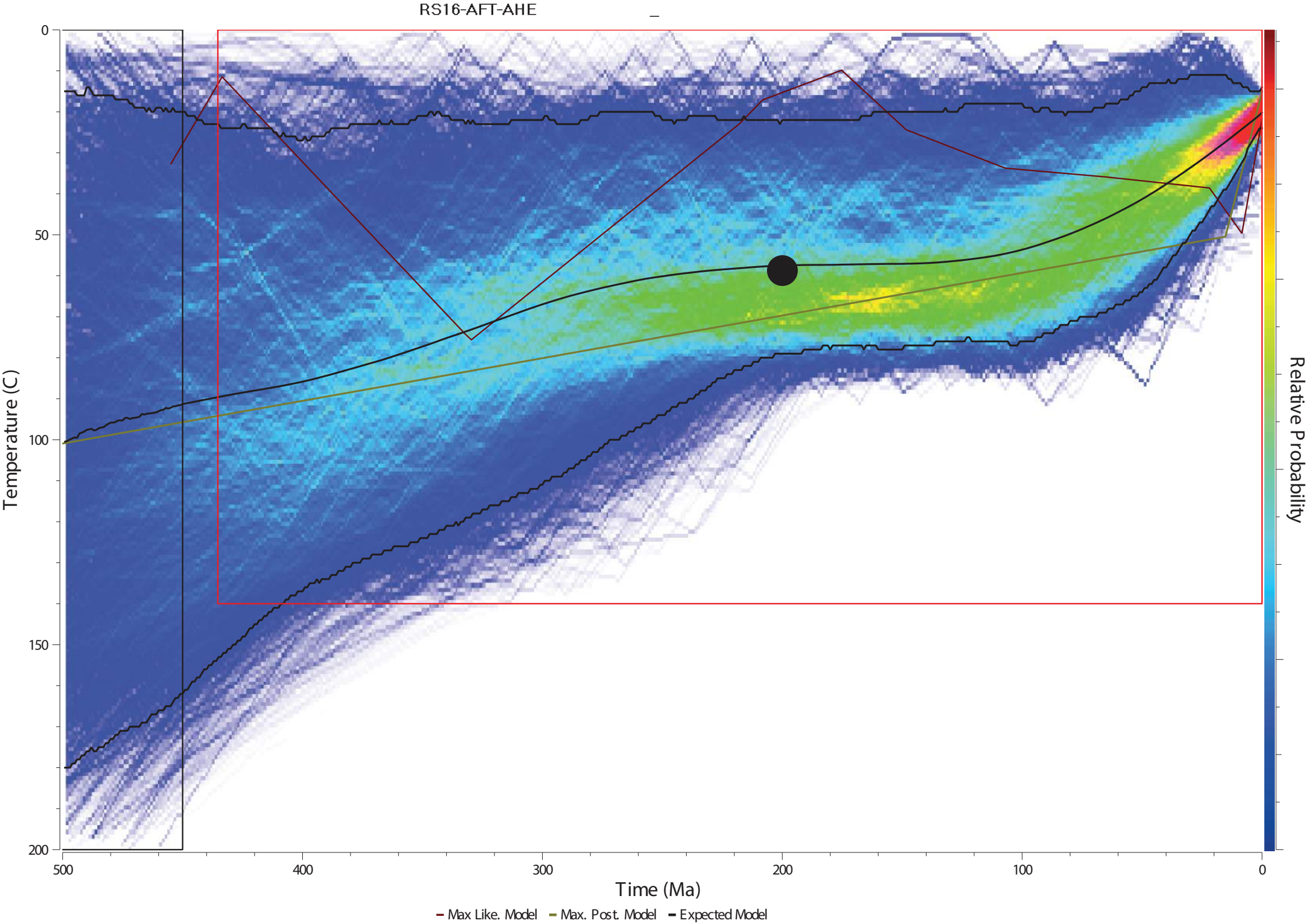
The final inverse model of each sample can be found below. Final models were run with all data available for the sample, as indicated in each figure. Black line represents the expected model, that is, a weighted mean model, where the weighting is provided by the posterior probability for each model. The expected model is the one displayed in figures 6 and 7 of the paper. Confidence intervals represent a 95% probability range. Black dots placed according the AFT central age of the sample. For further information see Gallagher (2009, 2012) and QTQt User Guide v5.7.

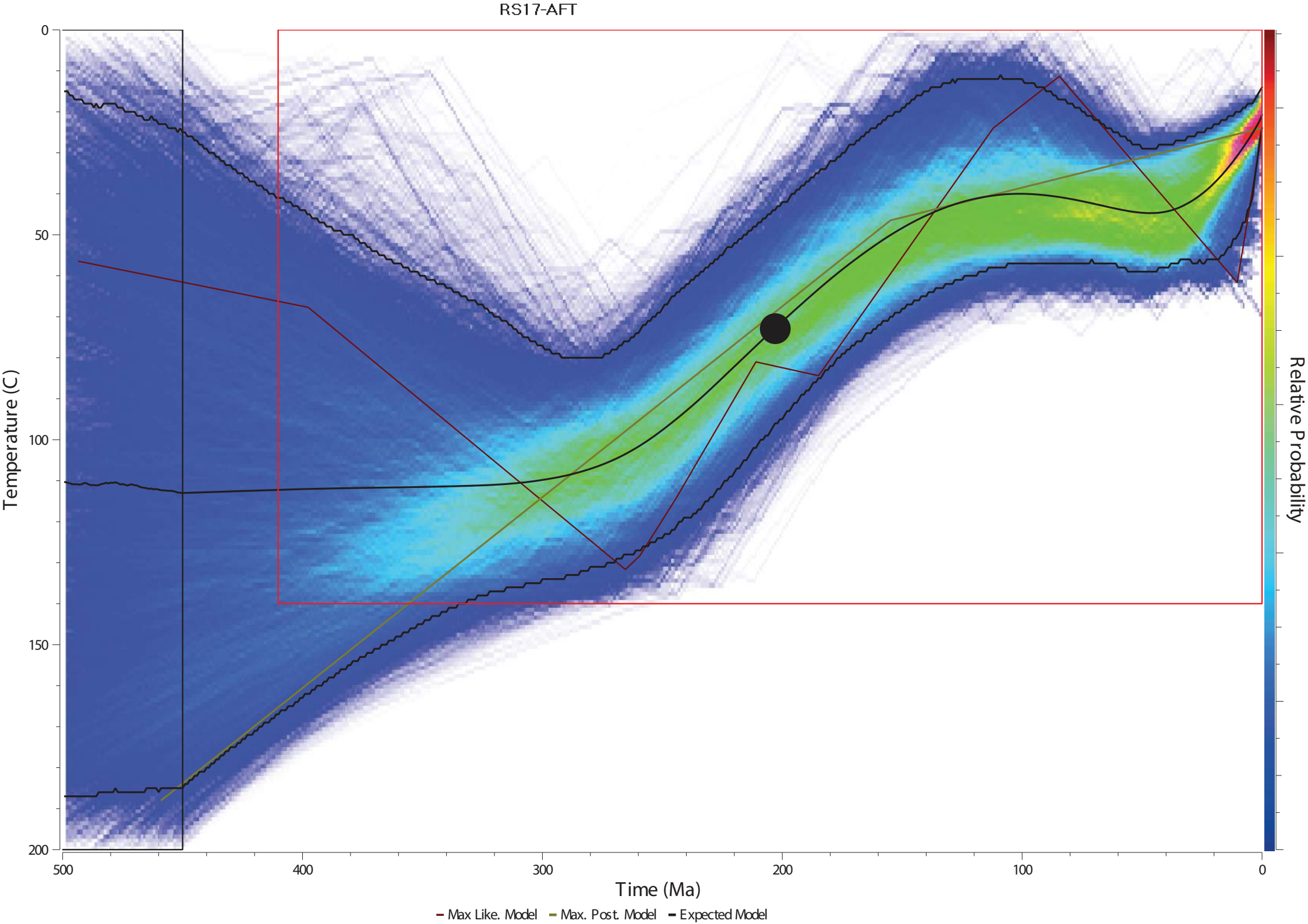

rs10-aft-ahe-zhe
Temperature (C)
0
50
100
150
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model

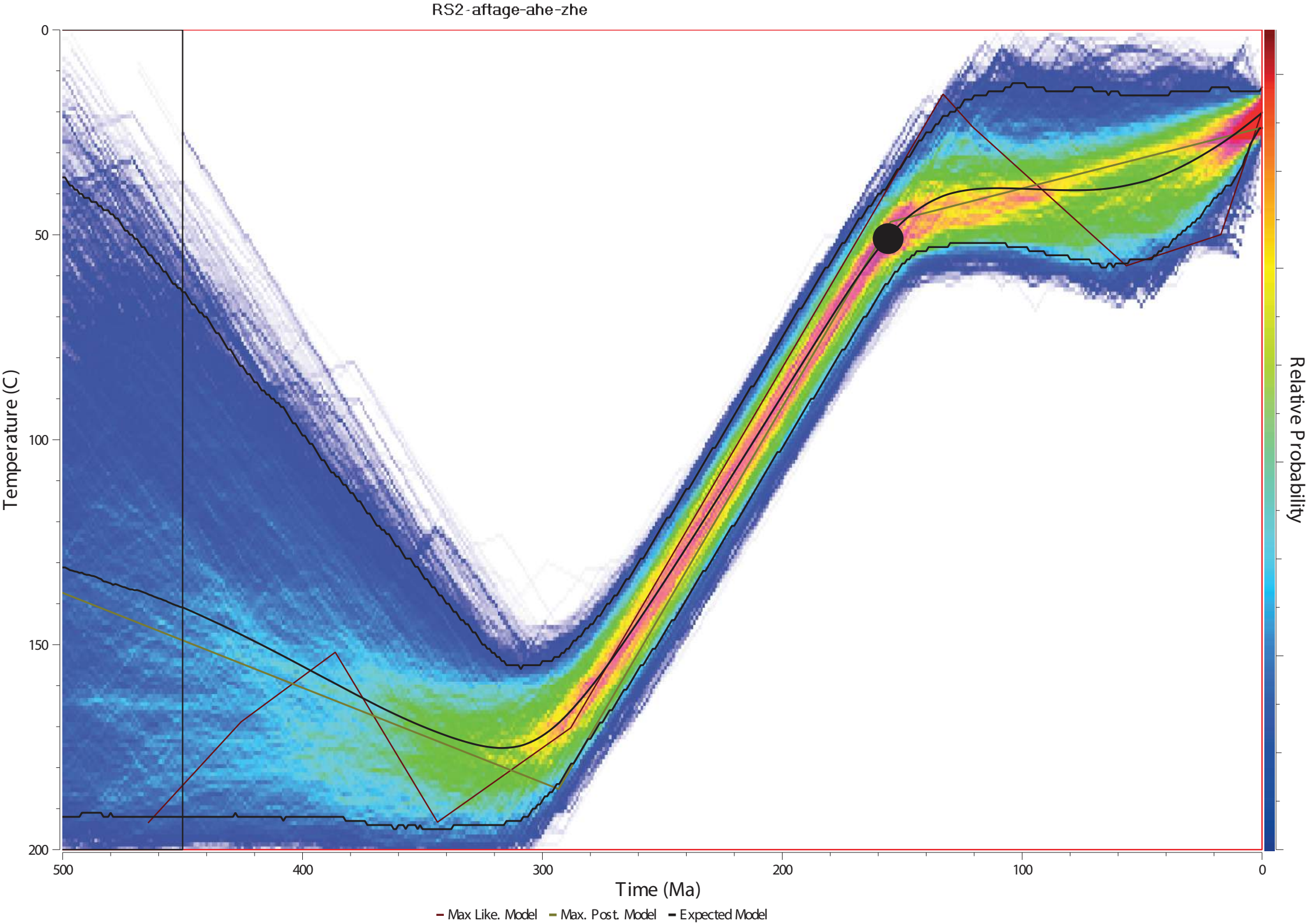

RS12-AFT-AHE
Temperature (C)
0
50
100
150
200
400
200
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model

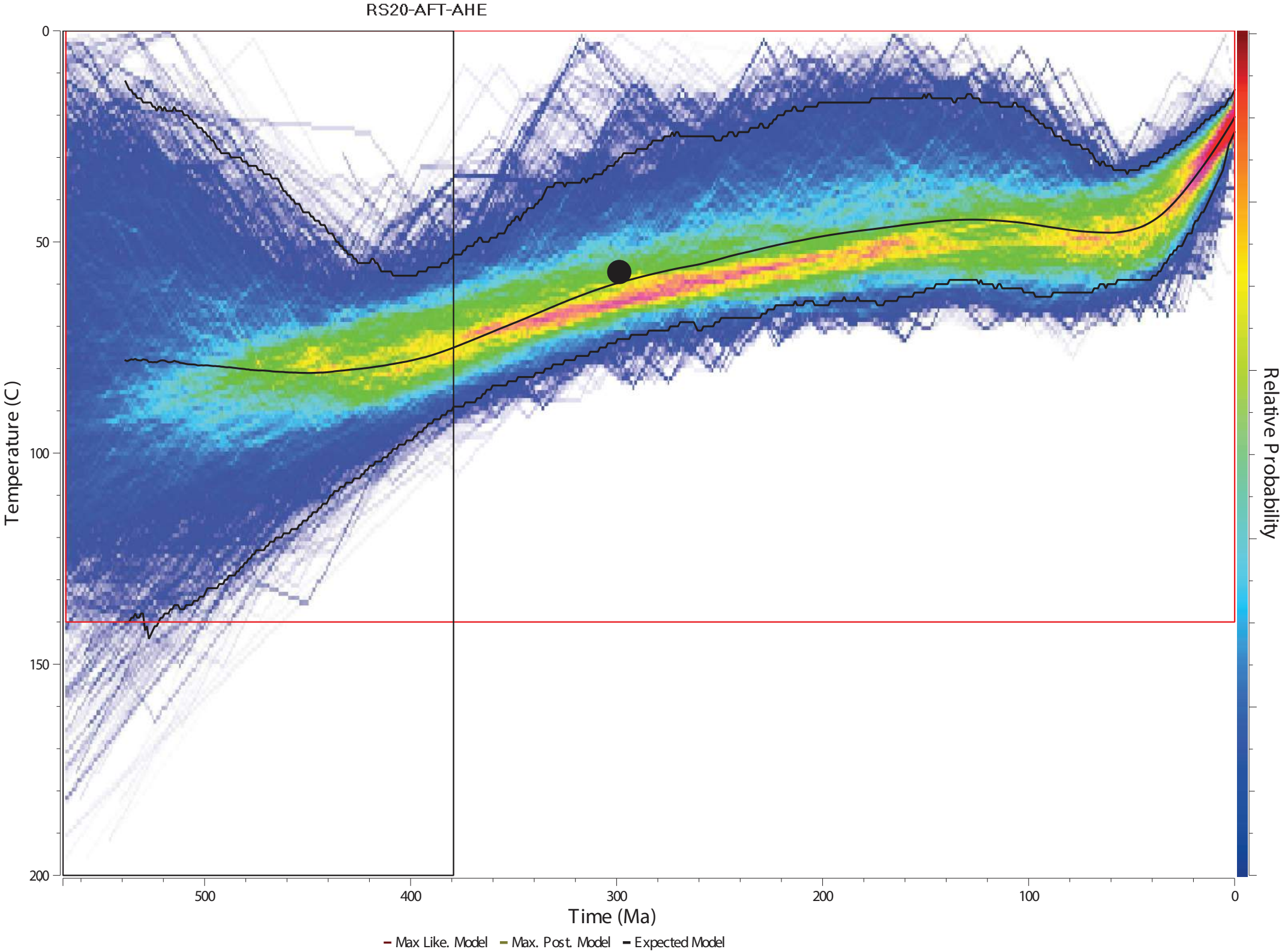

RS13-AFT-AHE
Temperature (C)
0
50
100
150
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model

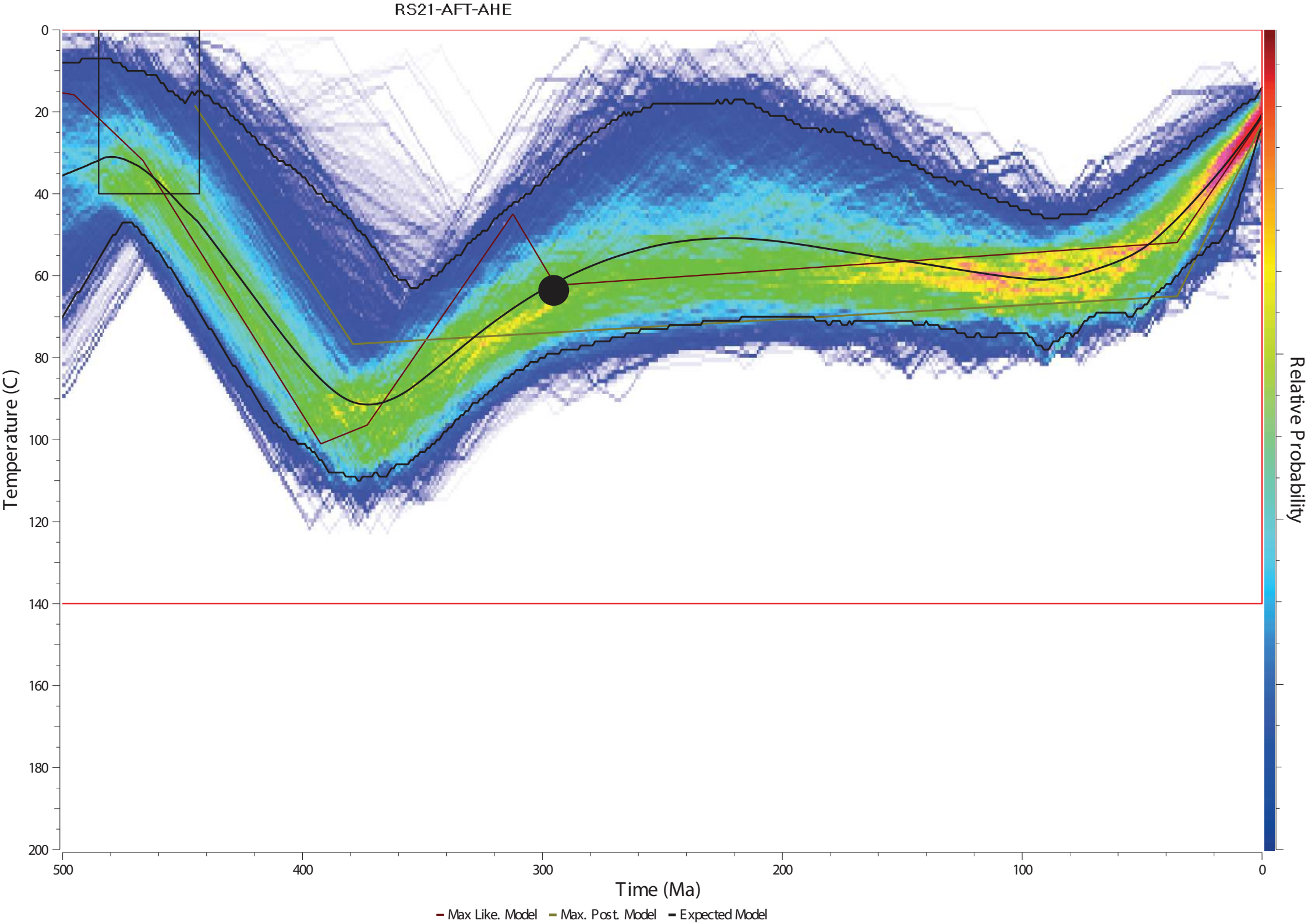

RS14-AFT-AHE
Temperature (C)
0
50
100
150
200
400
200
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model

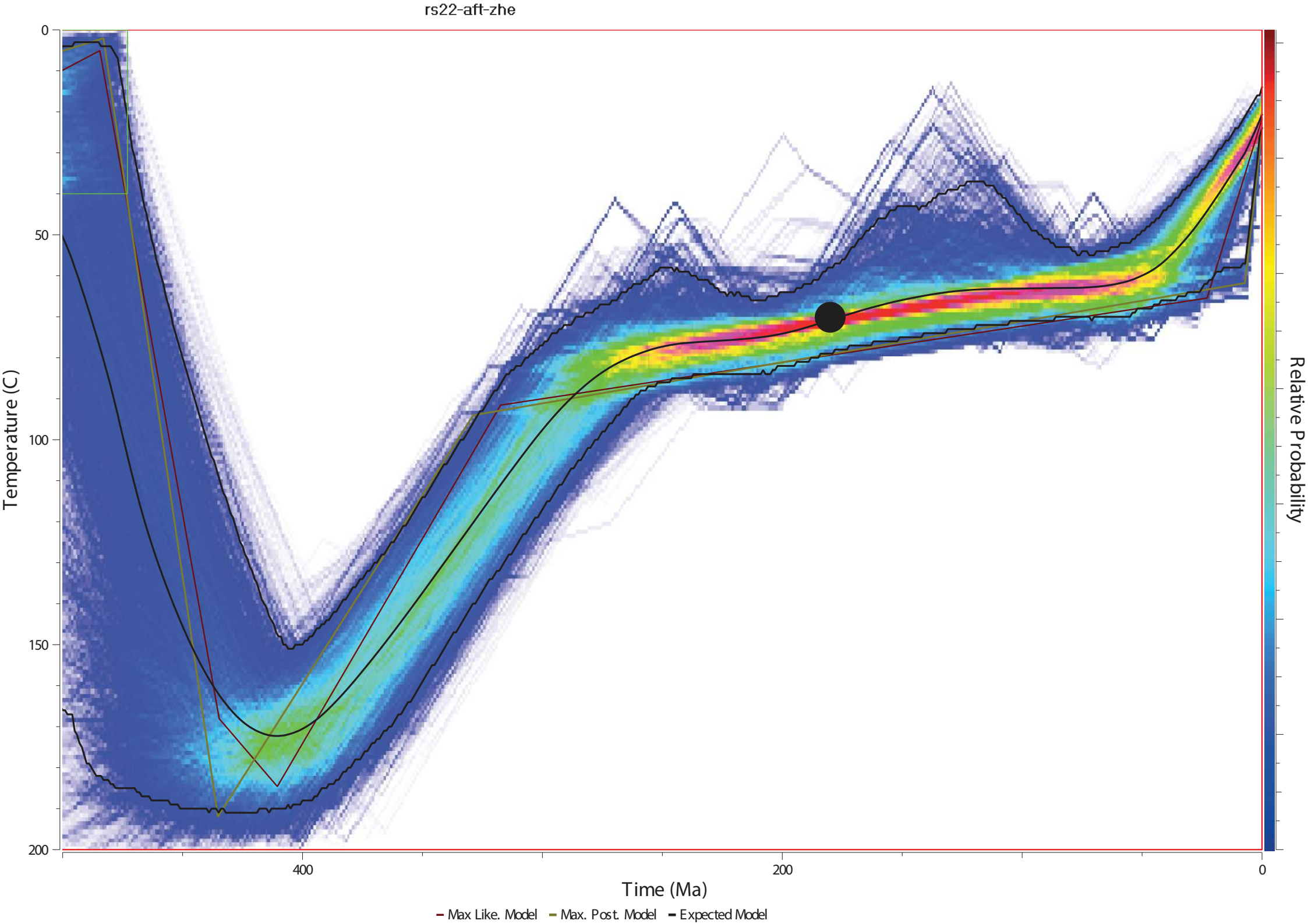

RS16-AFT-AHE
Temperature (C)
0
50
100
150
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model

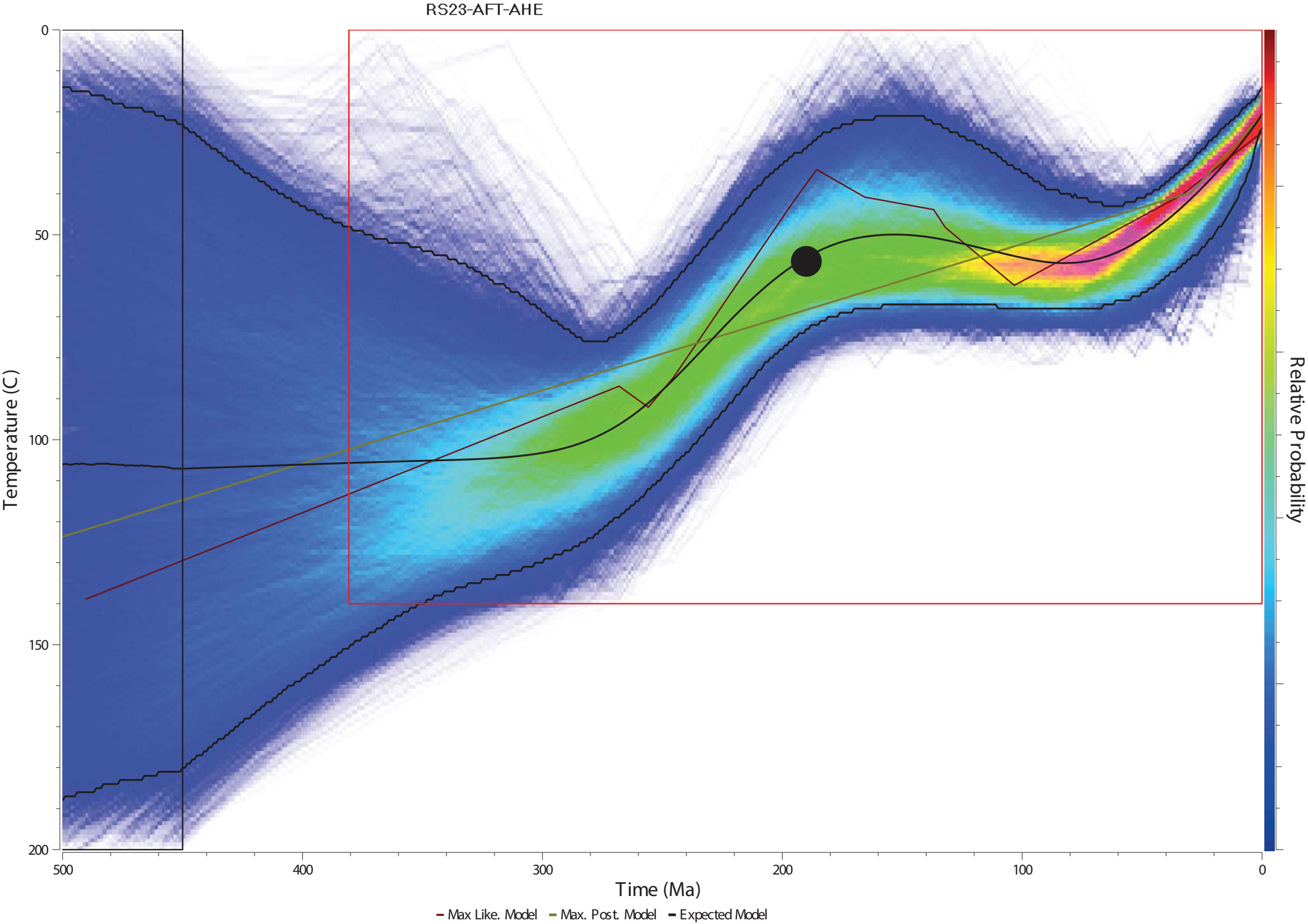

RS17-AFT
Temperature (C)
0
50
100
150
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model

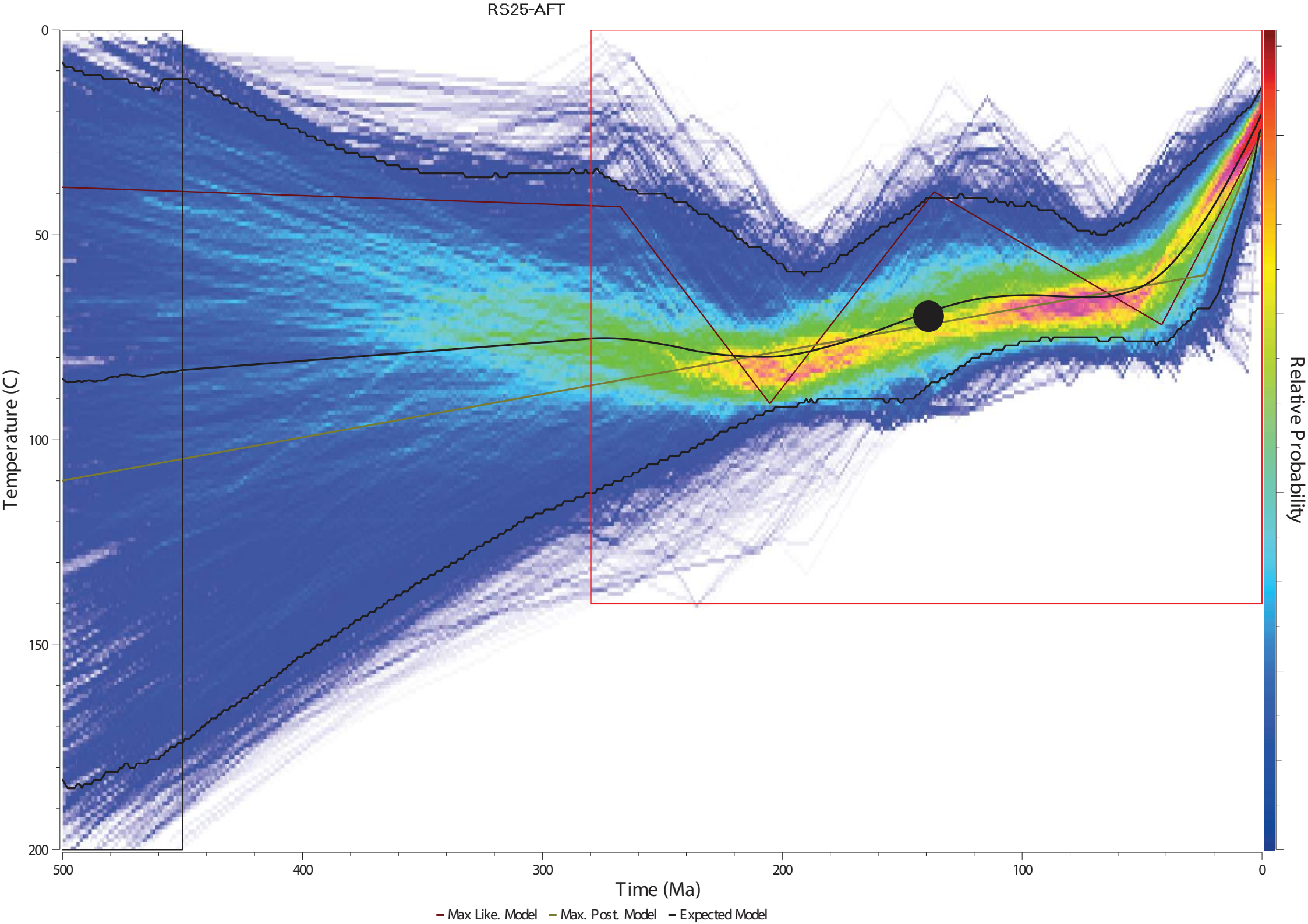

RS2-aftage-ahe-zhe
Temperature (C)
0
50
100
150
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model

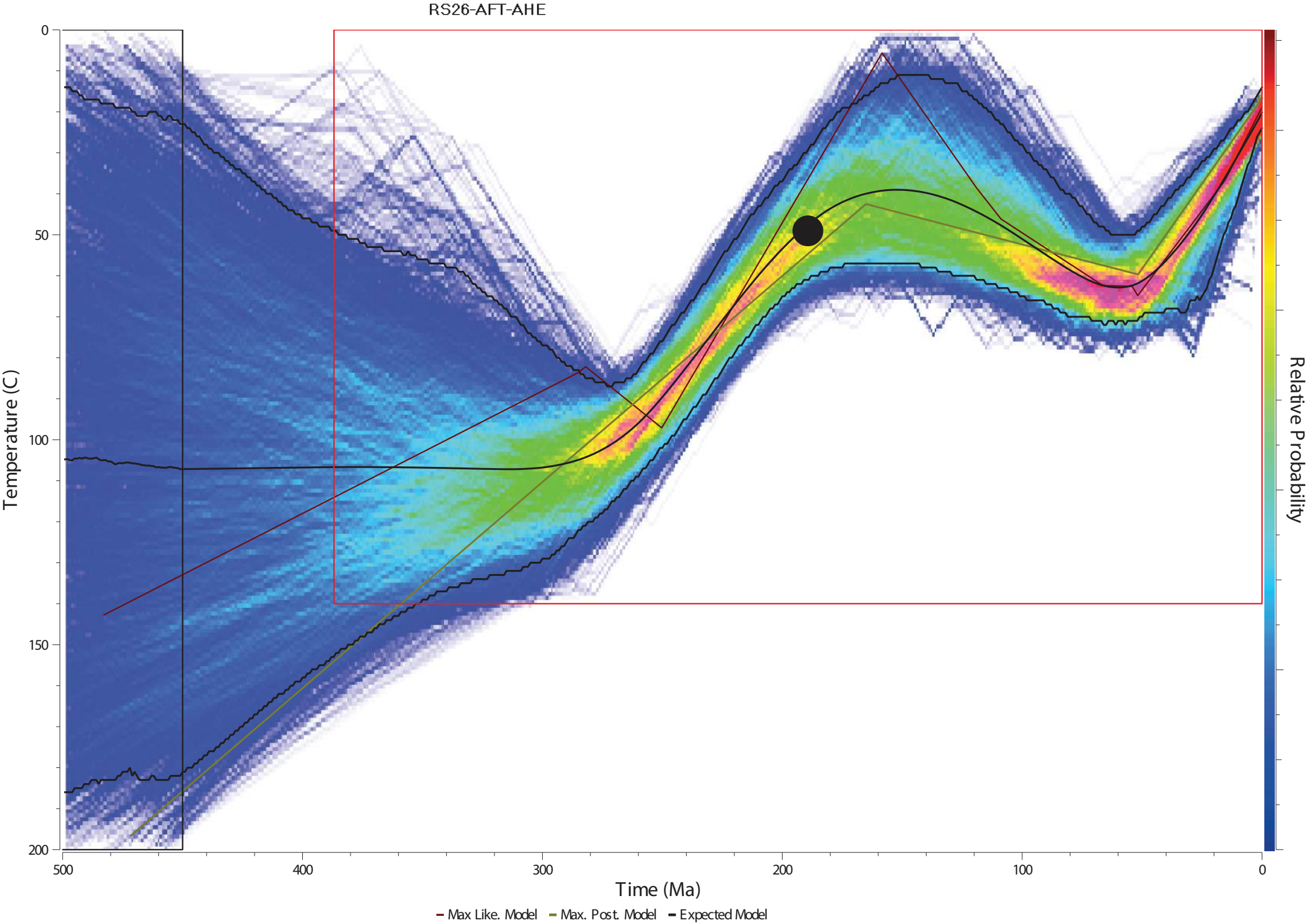

RS20-AFT-AHE
Temperature (C)
0
50
100
150
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model

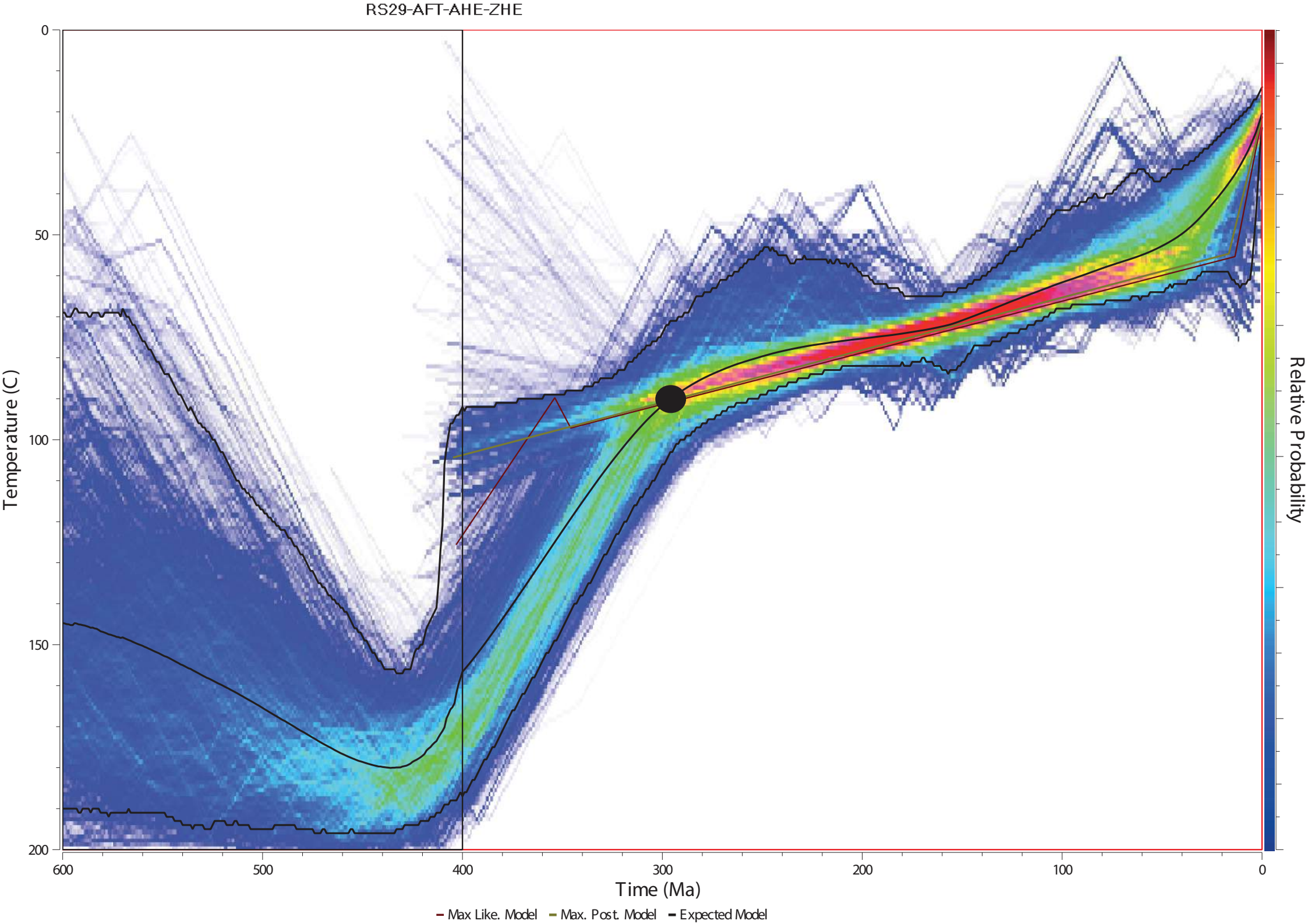

RS21-AFT-AHE
Temperature (C)
0
20
40
60
80
100
120
140
160
180
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model

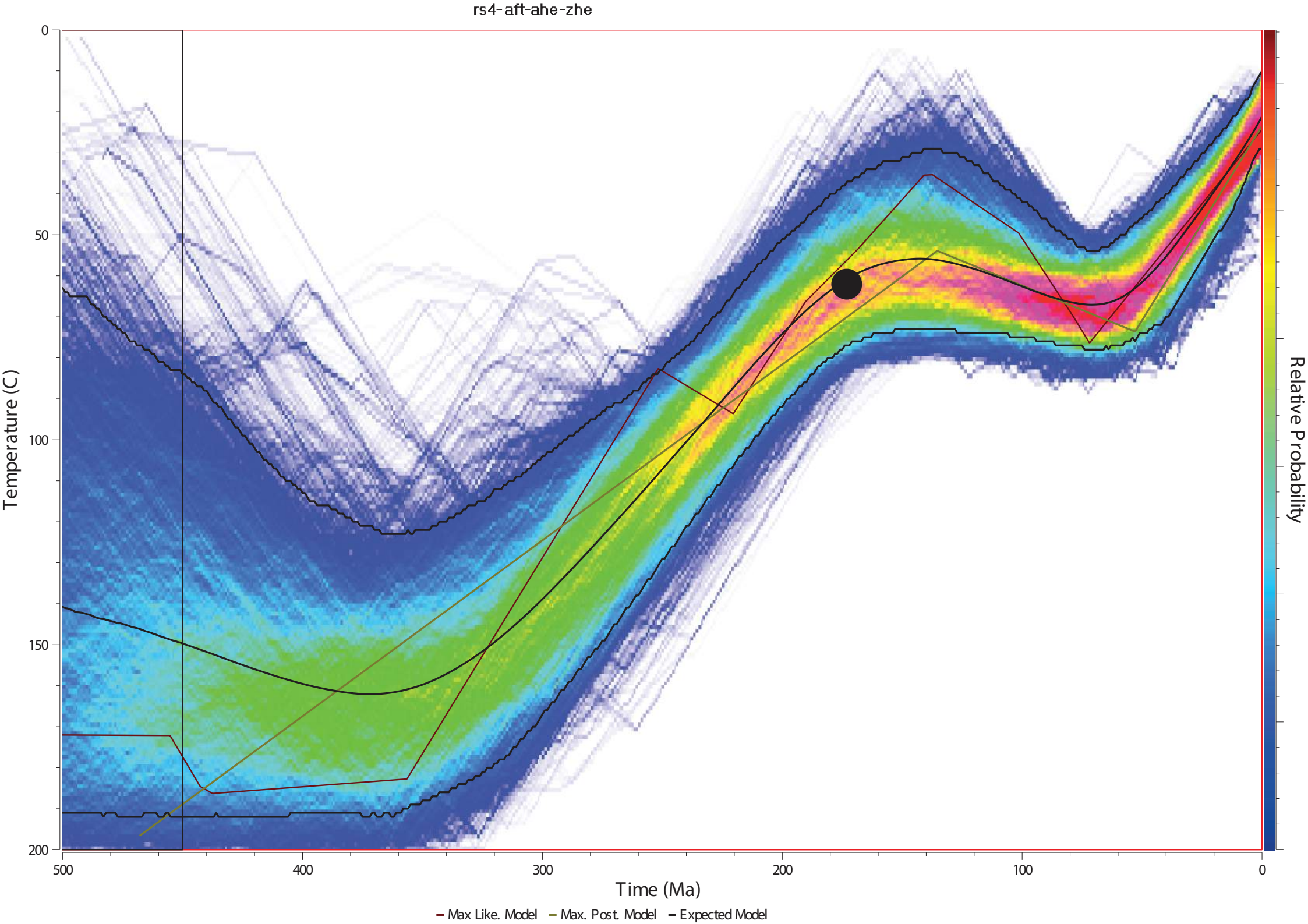

rs22-aft-zhe
Temperature (C)
0
50
100
150
200
400
200
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model

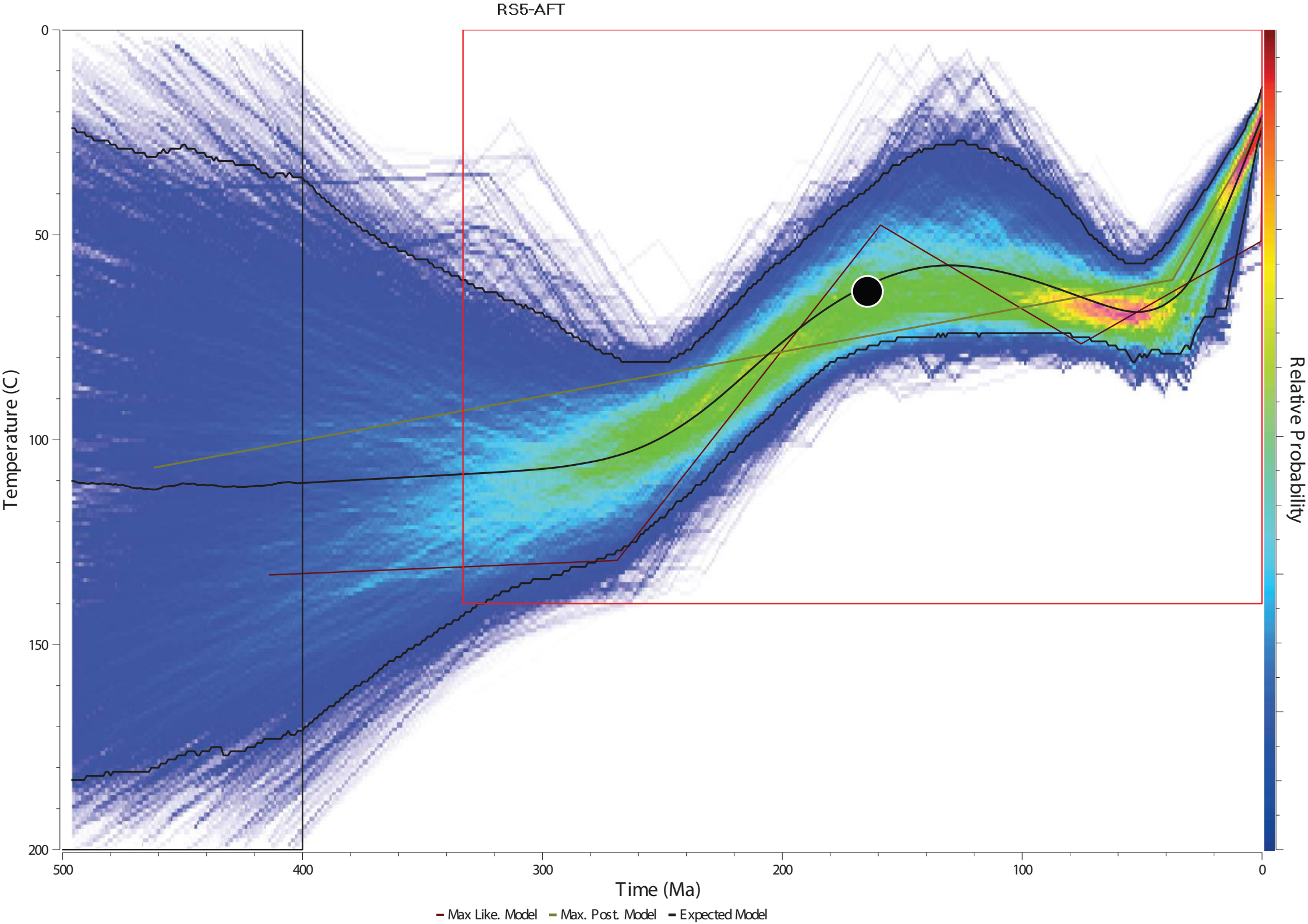

RS23-AFT-AHE
Temperature (C)
0
50
100
150
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model

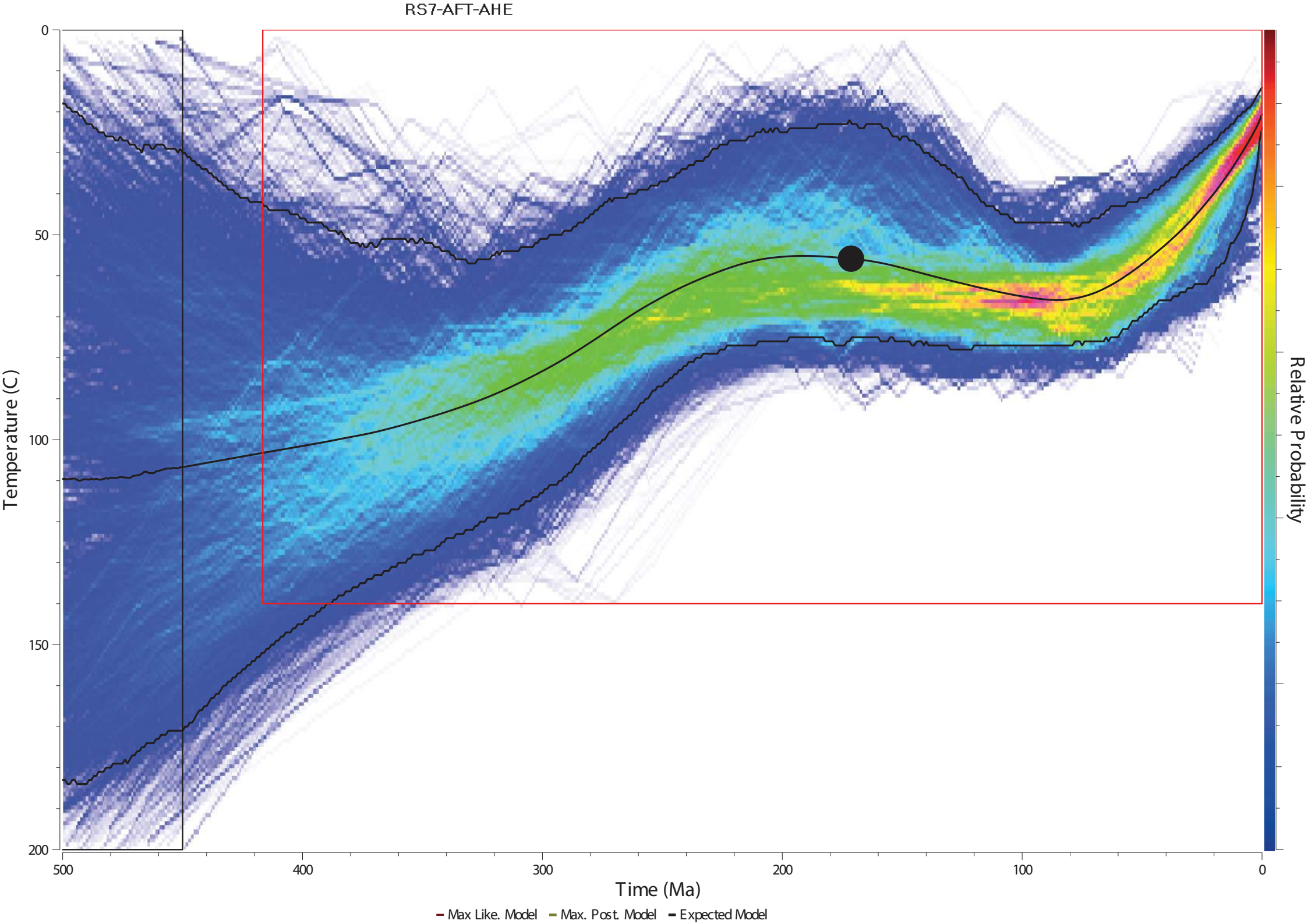

RS25-AFT
Temperature (C)
0
50
100
150
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model


RS26-AFT-AHE
Temperature (C)
0
50
100
150
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model


RS29-AFT-AHE-ZHE
Temperature (C)
0
50
100
150
200
600
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model


rs4-aft-ahe-zhe
Temperature (C)
0
50
100
150
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model


RS5-AFT
Temperature (C)
0
50
100
150
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model


RS7-AFT-AHE
Temperature (C)
0
50
100
150
200
500
400
300
200
100
0
Time (Ma)
Relative Probability
Max Like. Model
Max. Post. Model
Expected Model