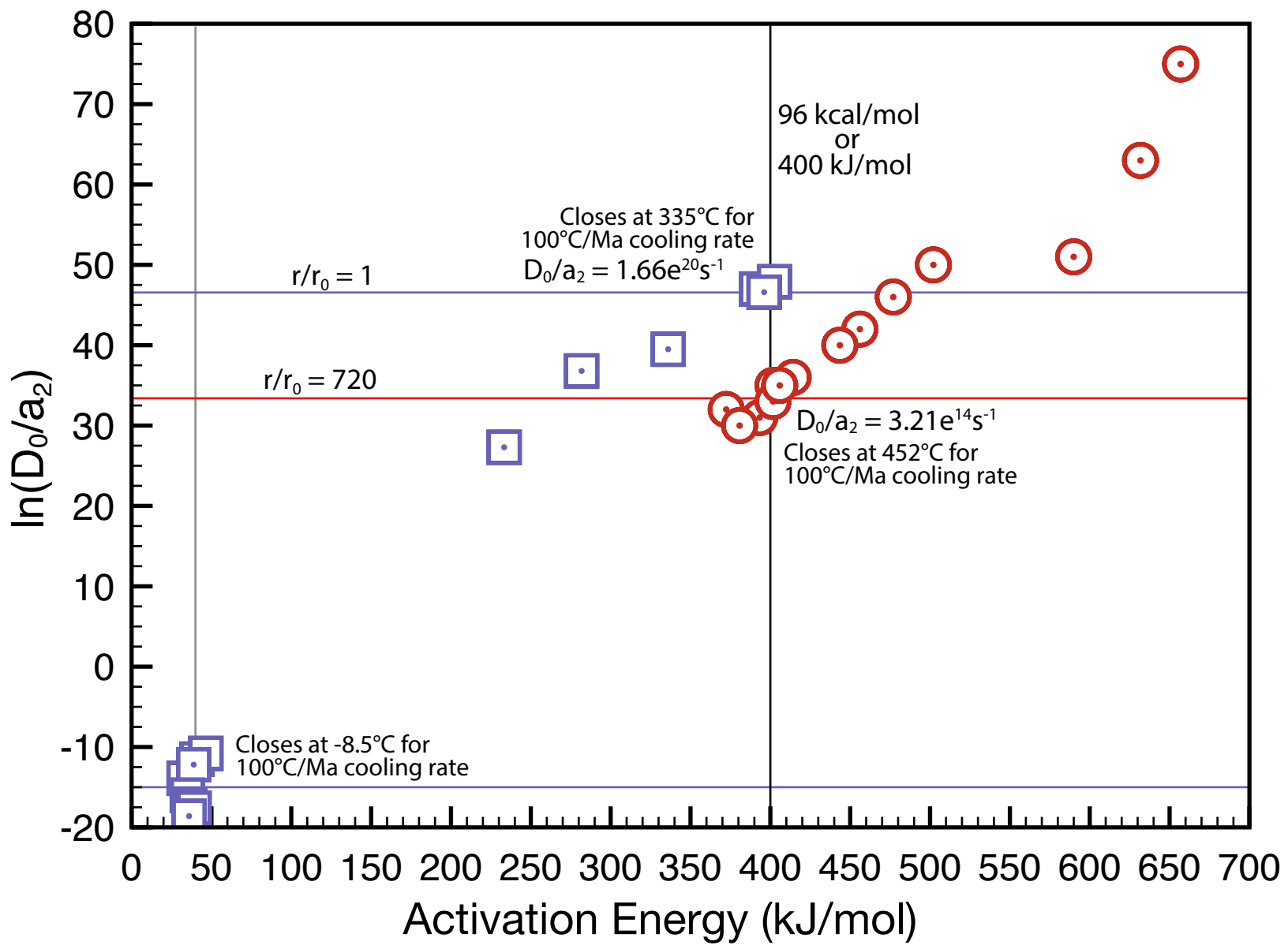
80
70
60
50
40
30
20
10
0
-10
-20
ln(D0/a2)
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
Activation Energy (kJ/mol)
96 kcal/mol
or
400 kJ/mol
Closes at 335°C for
100°C/Ma cooling rate
D0/a2 = 1.66e20s-1
r/r0 = 1
r/r0 = 720
D0/a2 = 3.21e14s-1
Closes at 452°C for
100°C/Ma cooling rate
Closes at -8.5°C for
100°C/Ma cooling rate