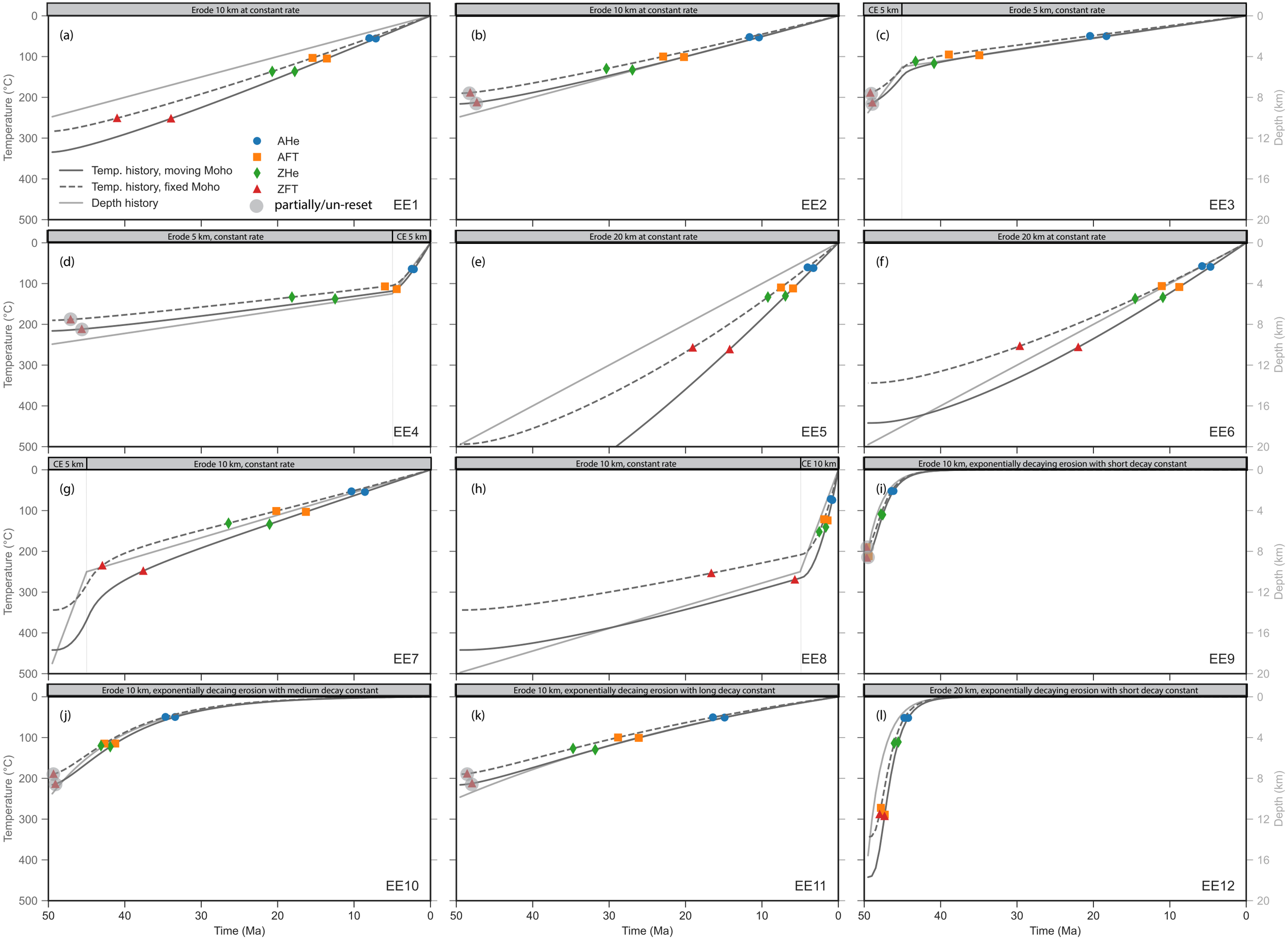
Erode 10 km at constant rate
(a)
Temp. history, moving Moho
Temp. history, fixed Moho
Depth history
AHe
AFT
ZHe
ZFT
partially/un-reset
EE1
Erode 10 km at constant rate
(b)
EE2
CE 5 km
Erode 5 km, constant rate
(c)
EE3
Erode 5 km, constant rate
CE 5 km
(d)
EE4
Erode 20 km at constant rate
(e)
EE5
Erode 20 km at constant rate
(f)
EE6
CE 5 km
Erode 10 km, constant rate
(g)
EE7
Erode 10 km, constant rate
CE 10 km
(h)
EE8
Erode 10 km, exponentially decaying erosion with short decay constant
(i)
EE9
Erode 10 km, exponentially decaing erosion with medium decay constant
(j)
EE10
Erode 10 km, exponentially decaing erosion with long decay constant
(k)
EE11
Erode 20 km, exponentially decaying erosion with short decay constant
(l)
EE12
Temperature (°C)
Depth (km)
Time (Ma)
0
100
200
300
400
500
4
8
12
16
20
50
40
30
20
10