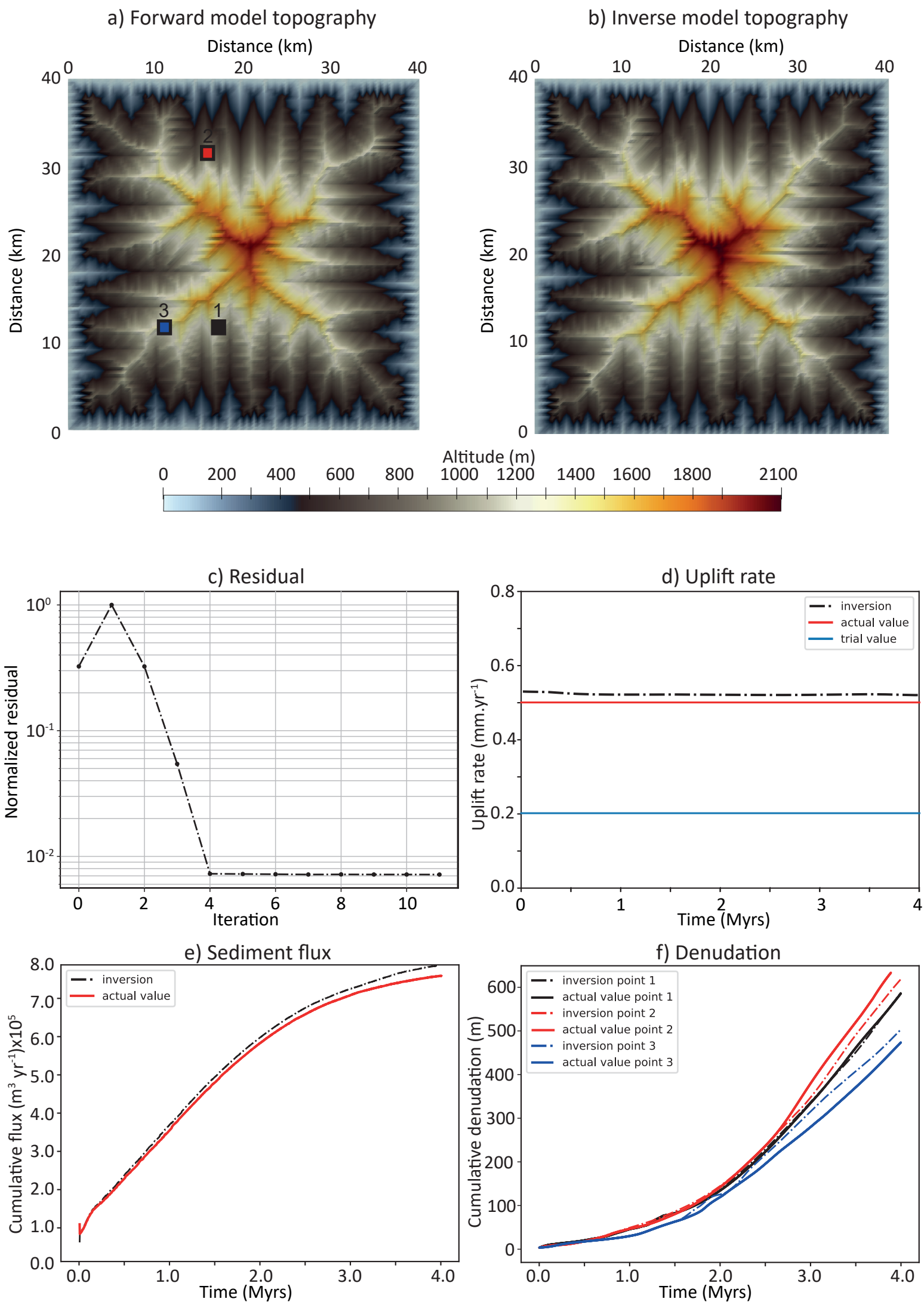
a) Forward model topography
b) Inverse model topography
Distance (km)
Distance (km)
0
10
20
30
40
1
2
3
Altitude (m)
0
200
400
600
800
1000
1200
1400
1600
1800
2100
c) Residual
Normalized residual
Iteration
d) Uplift rate
Uplift rate (mm.yr-1)
Time (Myrs)
inversion
actual value
trial value
e) Sediment flux
Cumulative flux (m3 yr-1)x105
Time (Myrs)
inversion
actual value
f) Denudation
Cumulative denudation (m)
Time (Myrs)
inversion point 1
actual value point 1
inversion point 2
actual value point 2
inversion point 3
actual value point 3