(a)

Normalised LEC

1.0
0.8
0.6
0.4
0.2
0.0

Building phase 2.5 Myr

Steady state 5 Myr

Relaxation phase 5.5 Myr

$z / z_{max} < 0.1$ | $0.1 < z / z_{max} < 0.3$ | $0.3 < z / z_{max} < 0.5$ | $0.5 < z / z_{max} < 0.7$ | $0.7 < z / z_{max} < 0.9$ | $z / z_{max} > 0.9$

Uniform precipitation model

Orographic precipitation model

Rotated kernel density plot

Third quartile Q_3

Second quartile Q_2

First quartile Q_1

(b)

5.0 Myr

Uniform rain

Normalised LEC

0 | 0.25 | 0.5 | 0.75 | 1

5.0 Myr

Orographic rain