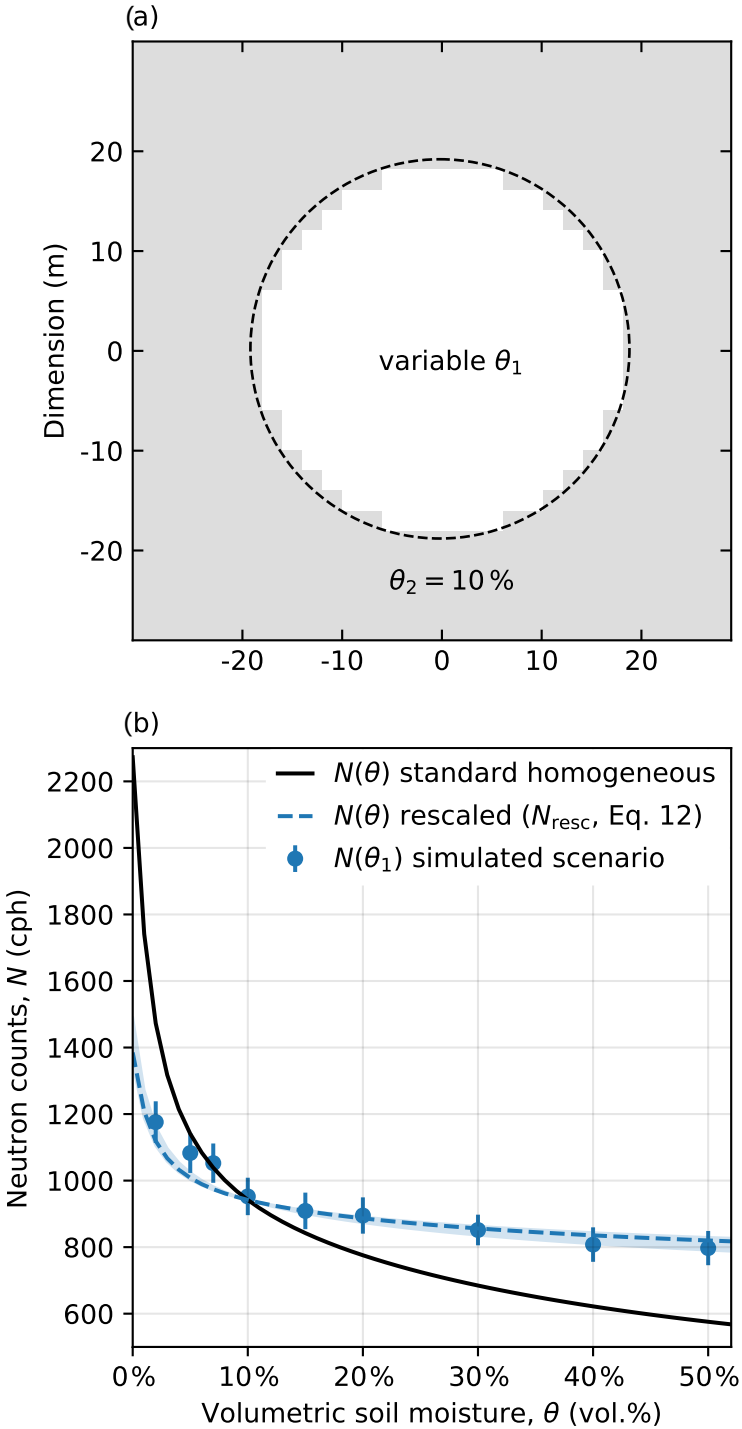
(a)
Dimension (m)
20
10
0
-10
-20
variable θ_1
$\theta_2 = 10\,\%$
-20
-10
0
10
20
(b)
$N(\theta)$ standard homogeneous
$N(\theta)$ rescaled (N_{resc}, Eq. 12)
$N(\theta_1)$ simulated scenario
Neutron counts, N (cph)
2200
2000
1800
1600
1400
1200
1000
800
600
0%
10%
20%
30%
40%
50%
Volumetric soil moisture, θ (vol.%)