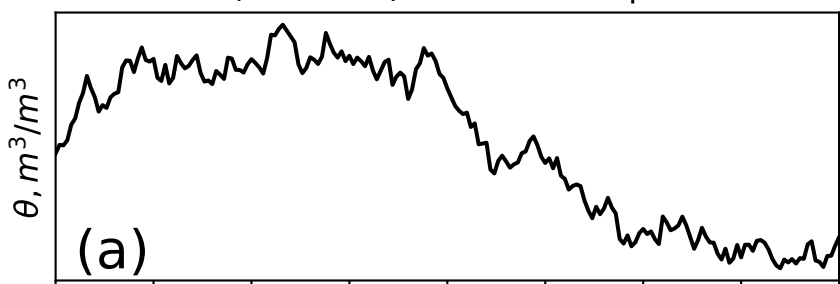
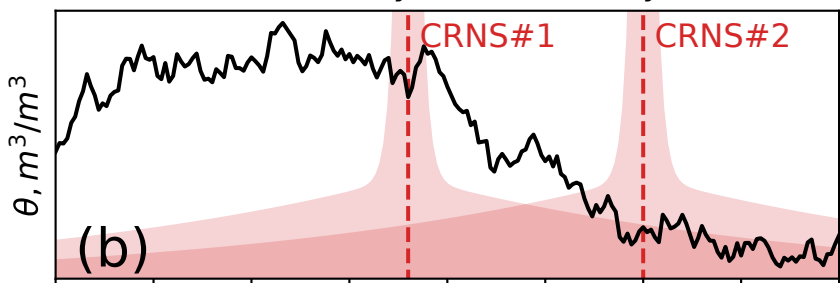


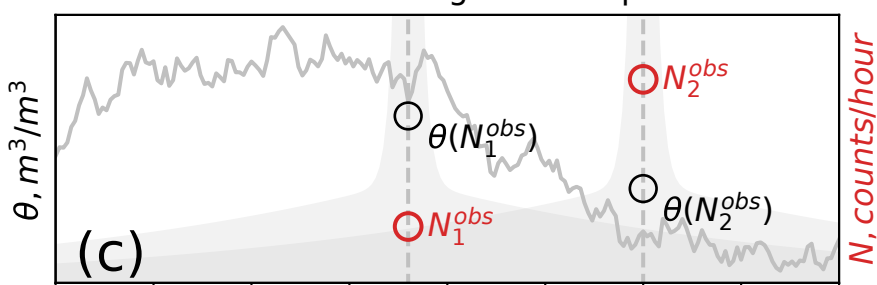
True (unknown) soil moisture pattern



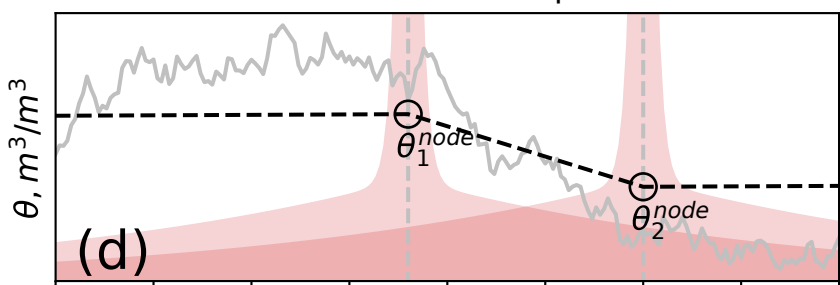
Neutron intensity observation by CRNS



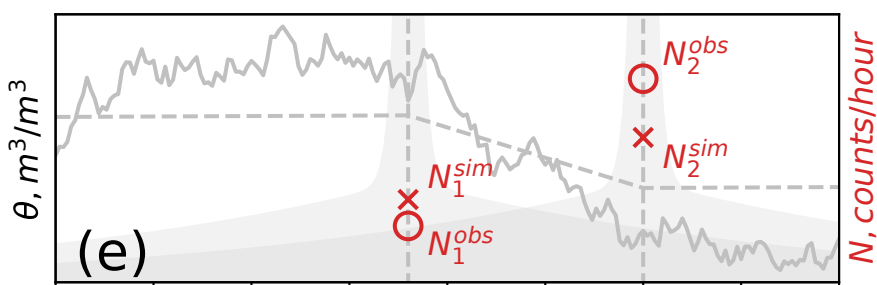
From N^{obs} to avg. θ in footprint



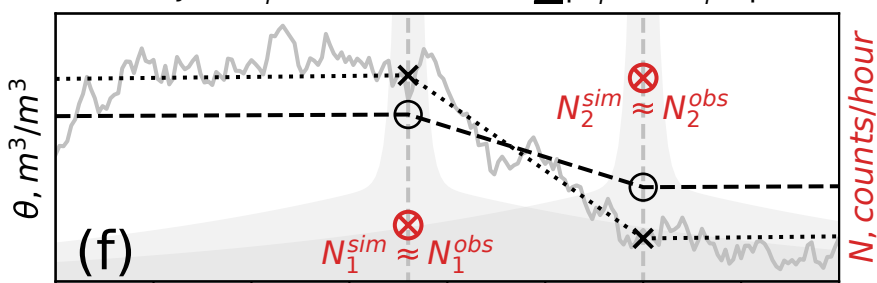
What's N^{sim} for an interpolated θ ?



N^{sim} is inconsistent with N^{obs} !



Adjust θ_i^{node} to minimize $\sum |N_i^{sim} - N_i^{obs}|$



0 25 50 75 100 125 150 175 200
Horizontal distance, arbitrary units