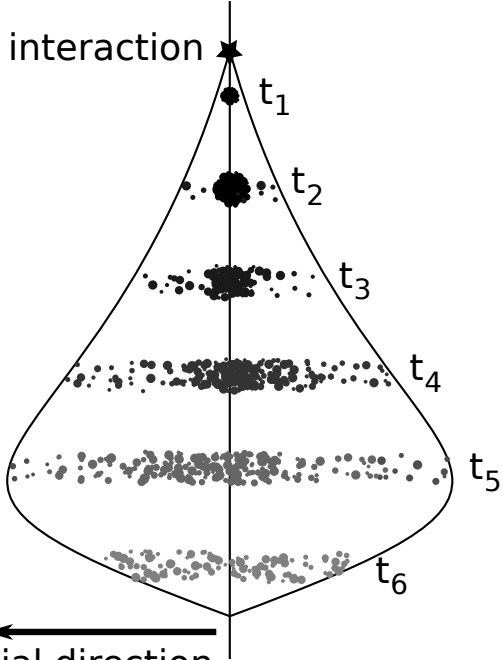


First interaction



Shower evolution

radial direction