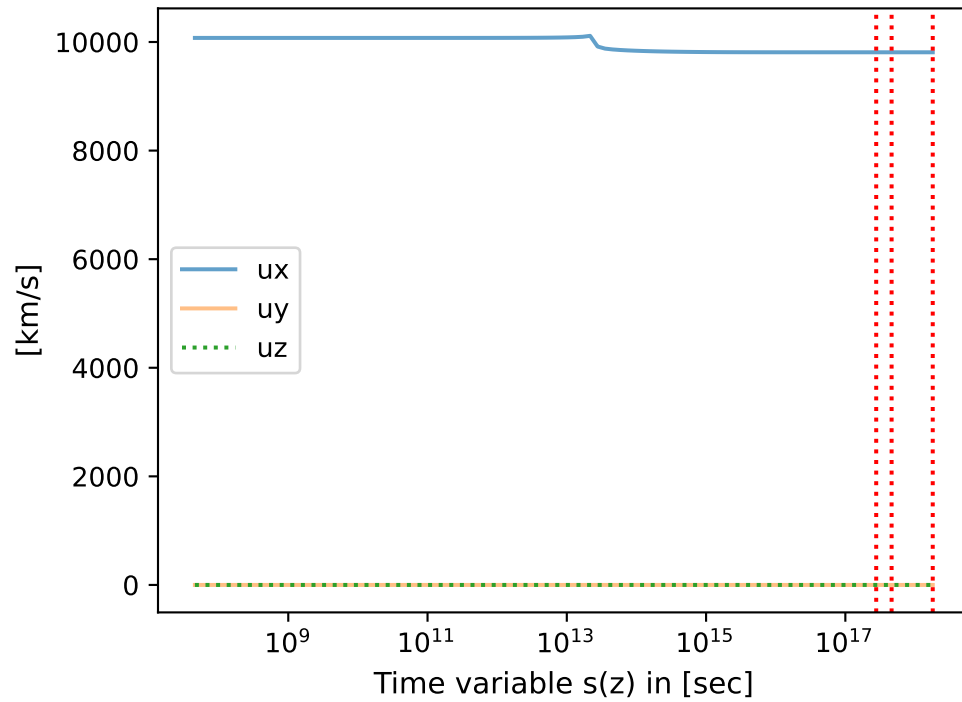
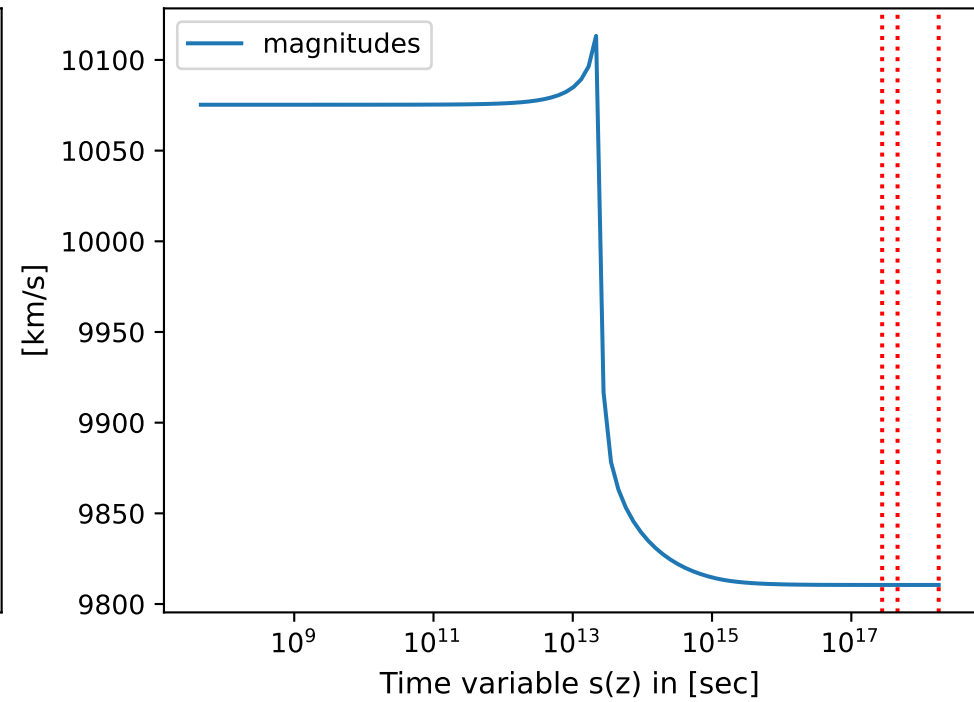


1 neutrino pointing away_from_GC on x-axis, $m=0.05$ eV (backwards in time)
vertical red dashed lines are redshifts $z=0.5, 1, 4$

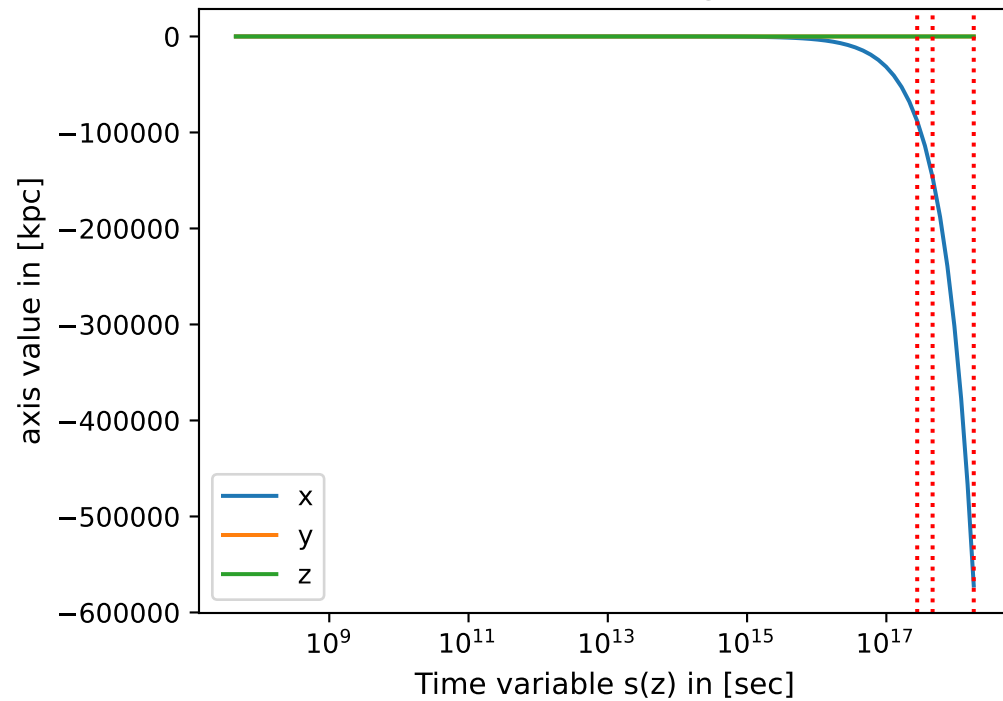
Velocity components



Magnitude of velocity



Position change



Radius from Halo Center

