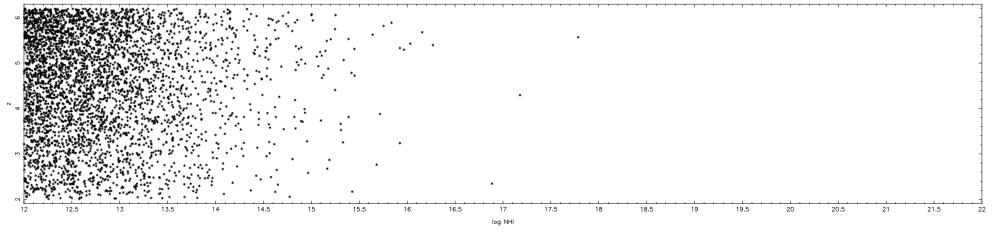Linear wavelengths

Random choice of redshift

Choice of NHI