

Figure S1 Ti K-edge XANES spectra of CaTiO_3 at each temperature.

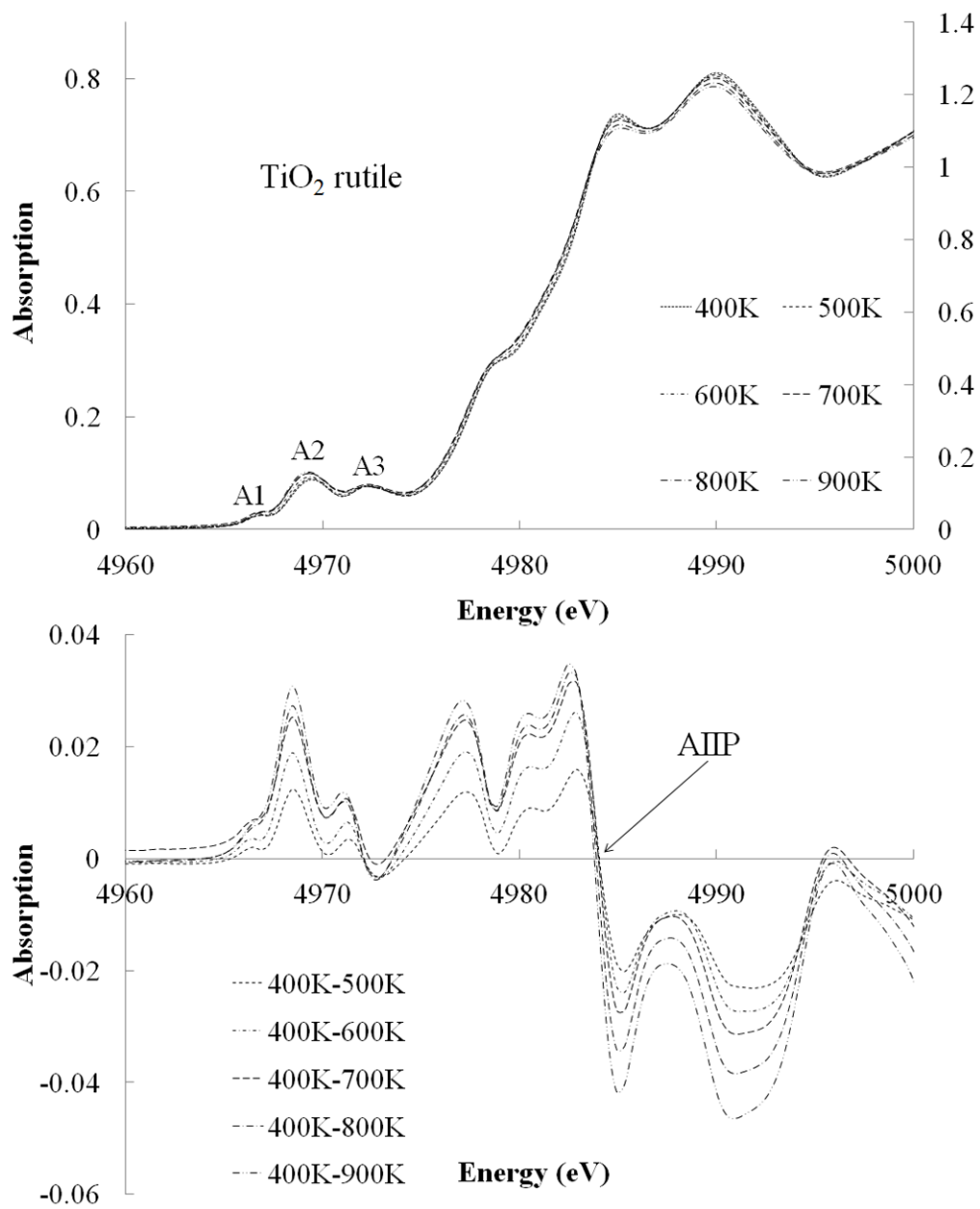


Figure S2 Ti K-edge XANES spectra of TiO₂ rutile at each temperature.

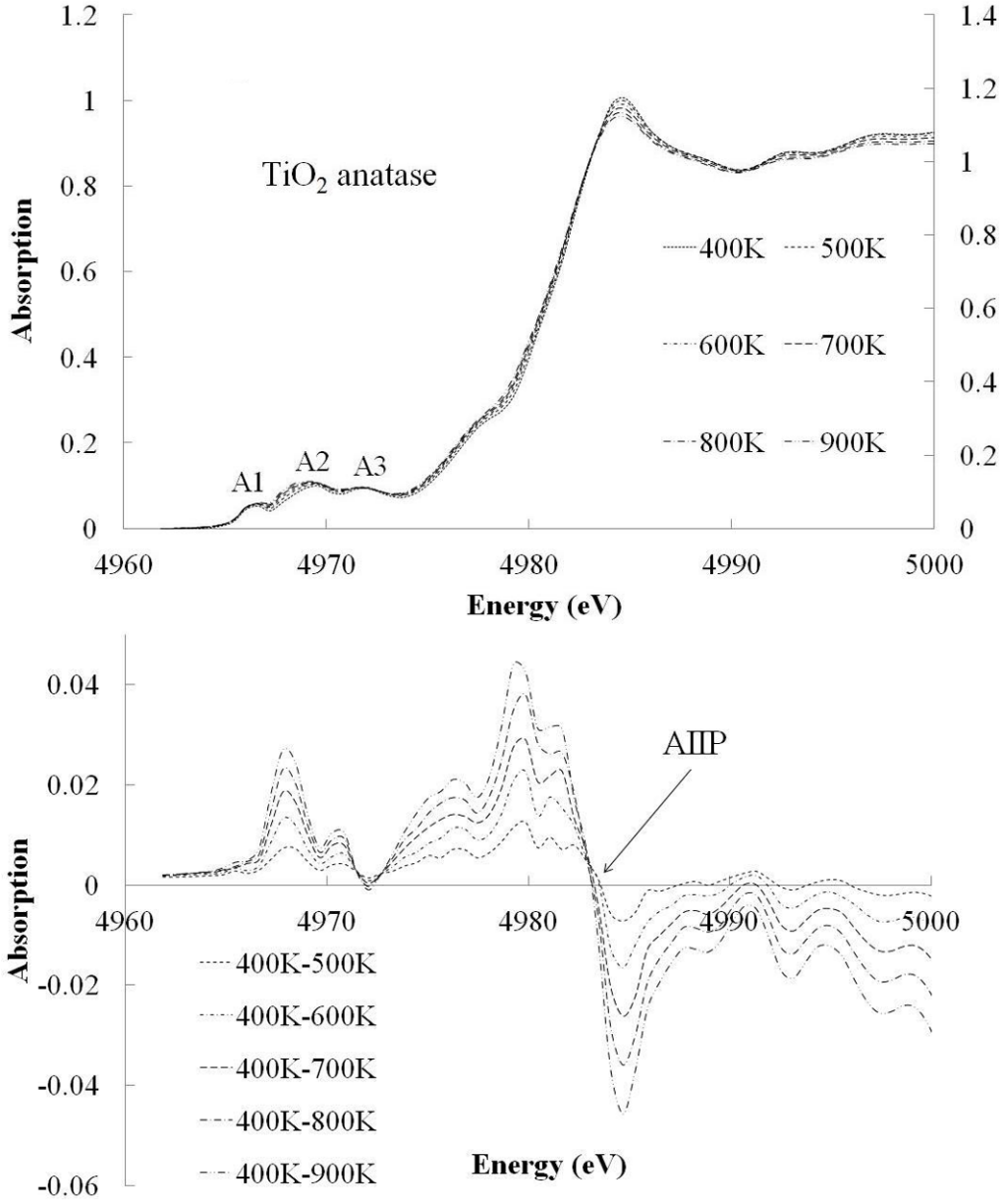


Figure S3 Ti K-edge XANES spectra of TiO₂ anatase at each temperature.

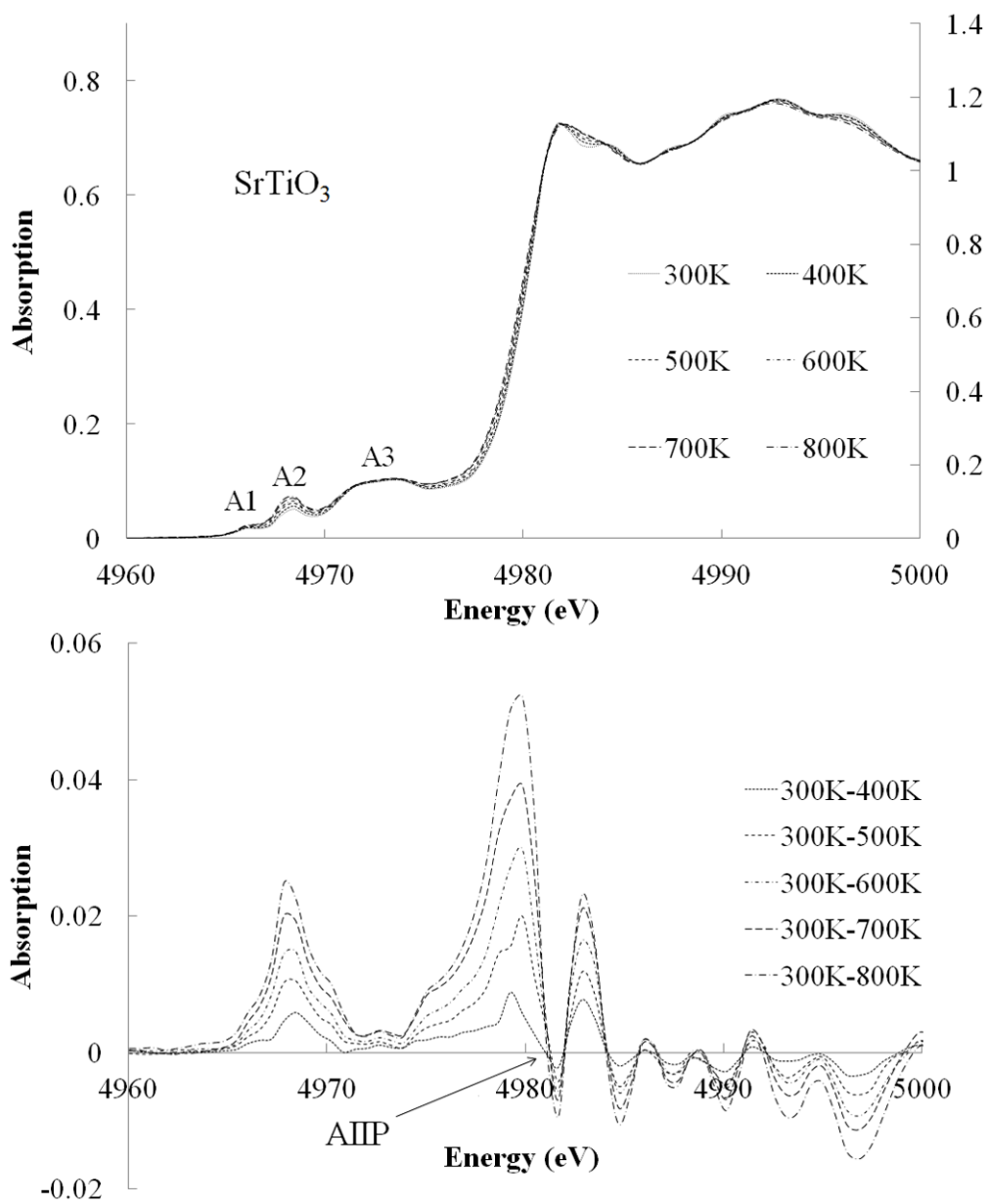


Figure S4 Ti K-edge XANES spectra of SrTiO₃ at each temperature.

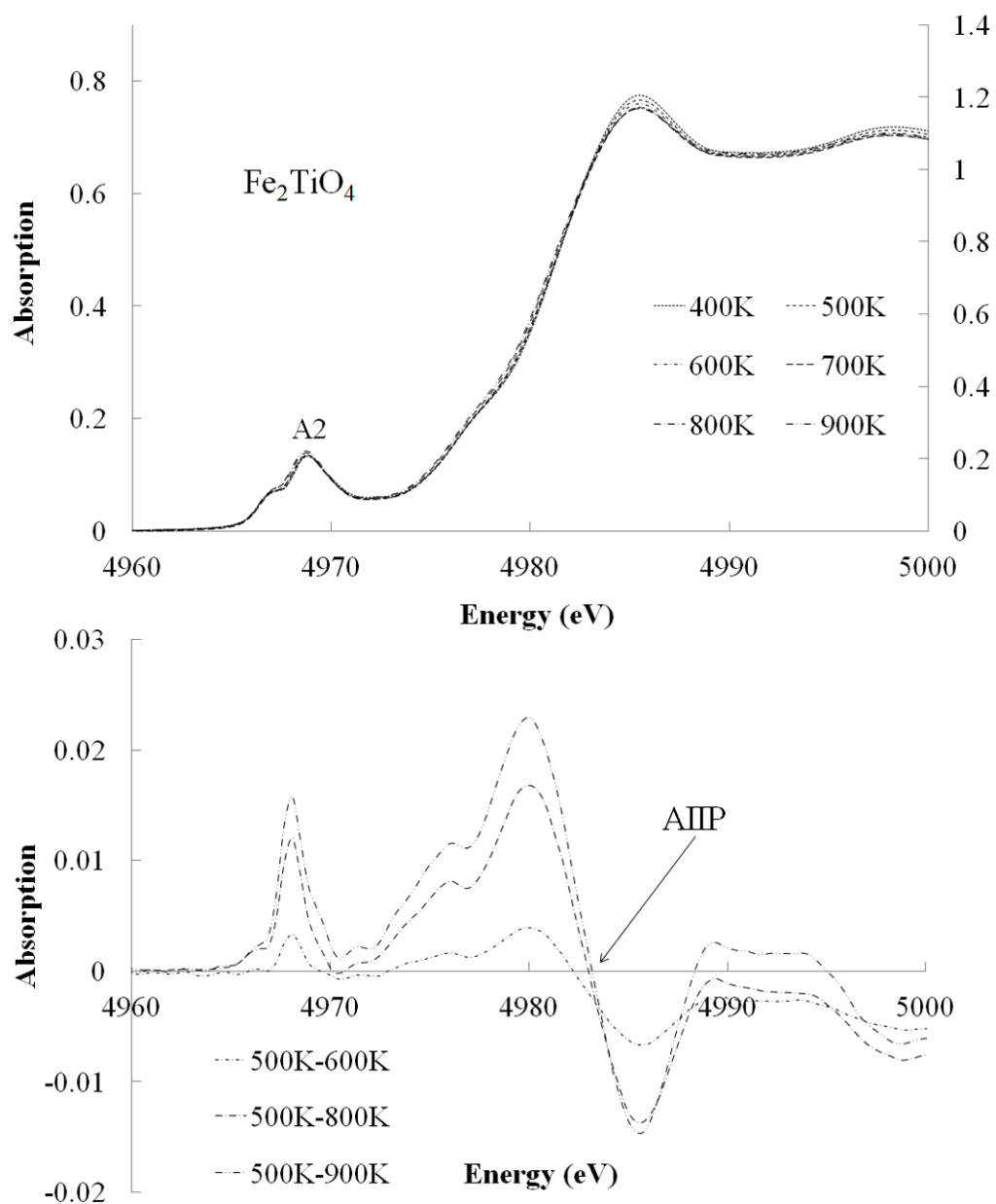


Figure S5 Ti K-edge XANES spectra of Fe_2TiO_4 at each temperature.