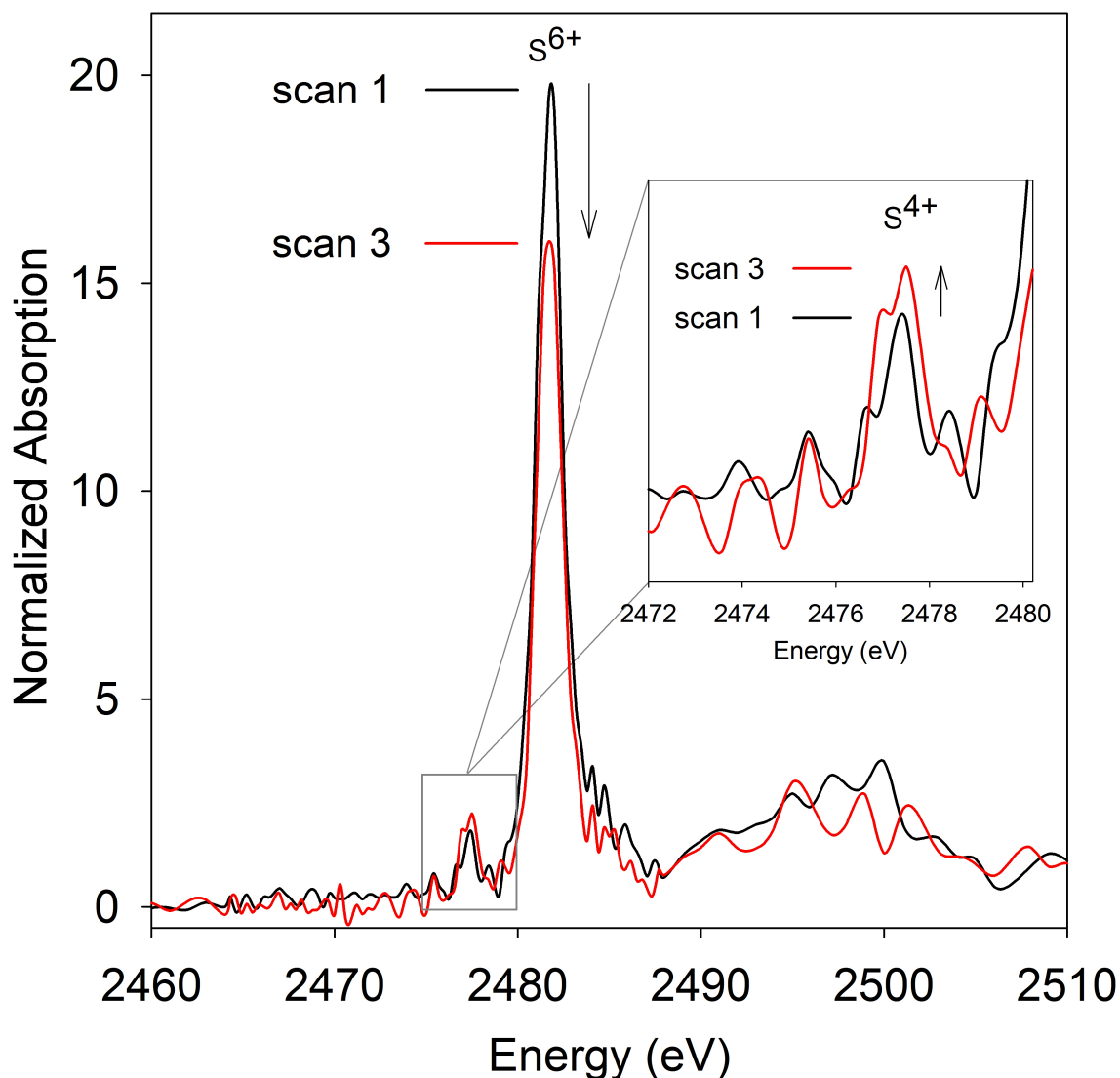


Supplemental Figure 1:



Supplemental Figure 1: Sulfur XANES spectrum of hydrous glass demonstrating beam damage, which is characterized by the systematic reduction of the S^{6+} peak and development of a S^{4+} peak with increasing analytical time (e.g., from scan 1 to scan 3).