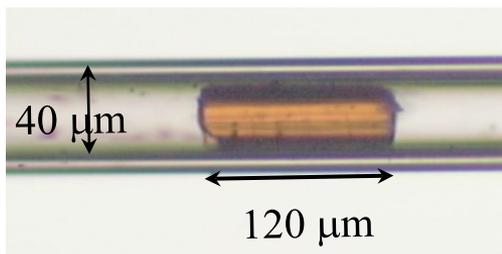


Single crystal structure analysis of the Se-incorporated mordenite, coupled with the anomalous X-ray scattering

N. Togashi ^{a,*}, K. Sugiyama ^{b,**}, J. Yu ^c, S. Qiu ^c, O. Terasaki ^{a,1}

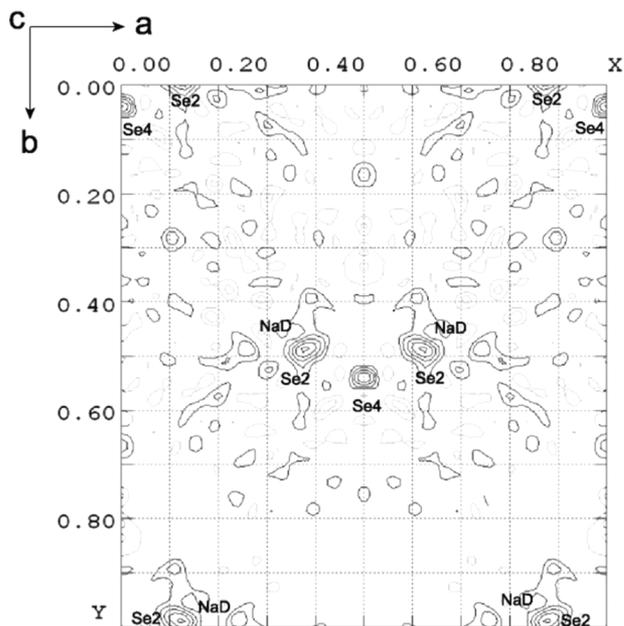


Se/Na-Mordenite in quartz capillary

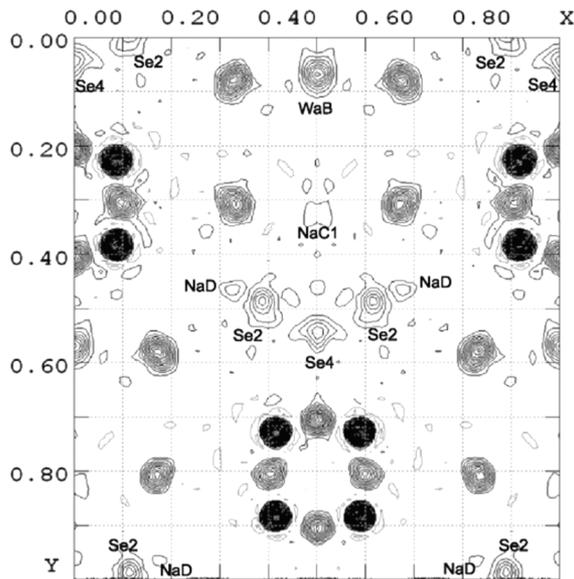
☆ Mordenite has 1D 8-ring and 12-ring channels parallel to the c-axis and Se molecules were incorporated into the mordenite channels.

☆ AXS analysis confirmed that Se molecules such as an infinite chain and its fragments were formed in the 12-ring channels.

☆ The location of Na in the 12-ring channels are suggested to affect the probability of Se chain and its fragmentation.



Se-AXS



ordinary

