Attenuation correction for the Paris-Edinburgh cell using path-length calculation

Kazuki Komatsu\textsuperscript{1*}, Riko Iizuka\textsuperscript{1}, Jun Abe\textsuperscript{2}, Asami Sano\textsuperscript{2}, Hiroshi Arima\textsuperscript{2}, Takanori Hattori\textsuperscript{2}, Hiroyuki Kagi\textsuperscript{1}

\textsuperscript{1}The Univ. of Tokyo, \textsuperscript{2}JAEA

In order to obtain structural information, attenuation corrections using path-length calculation were carried out for the Paris-Edinburgh cell. Attenuation factors can be calculated using both neutron path-length and neutron transparency for anvils, gasket etc. We also obtained the observed attenuation factors by using a vanadium pellet. The calculated attenuation factor is well consistent with the observed one.