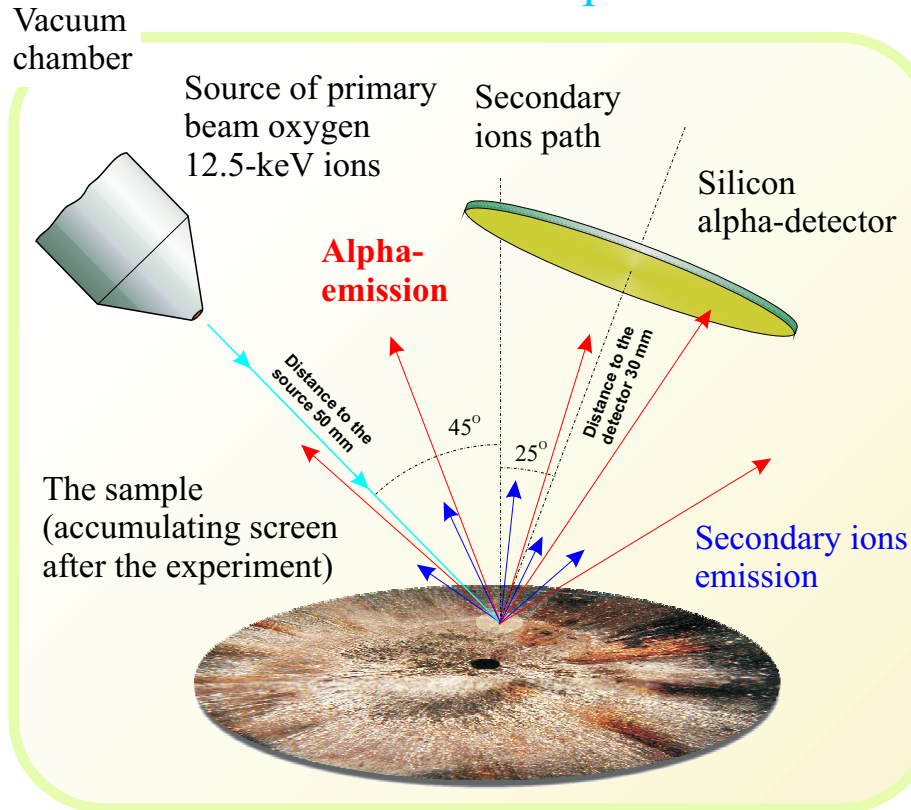


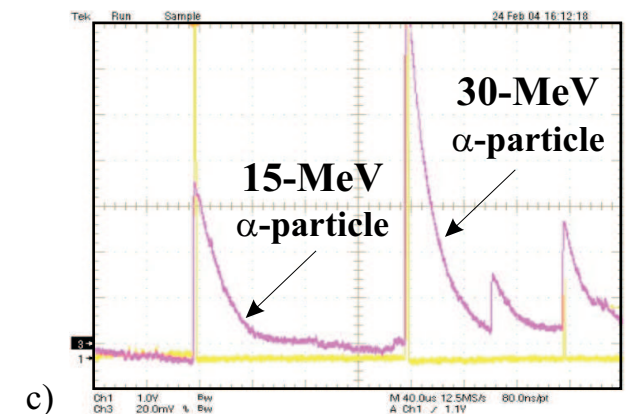
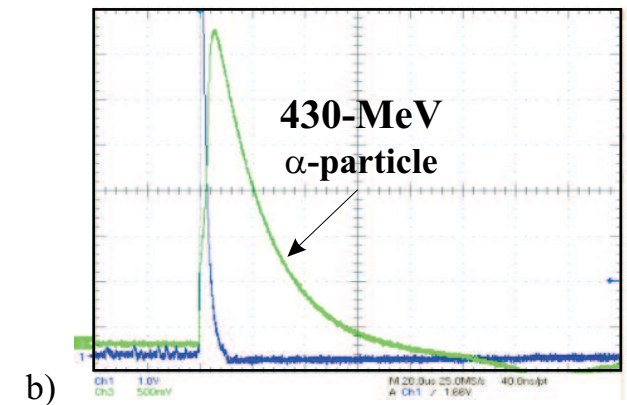
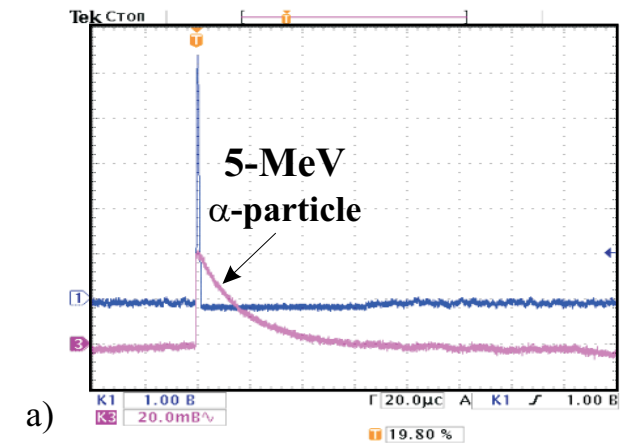
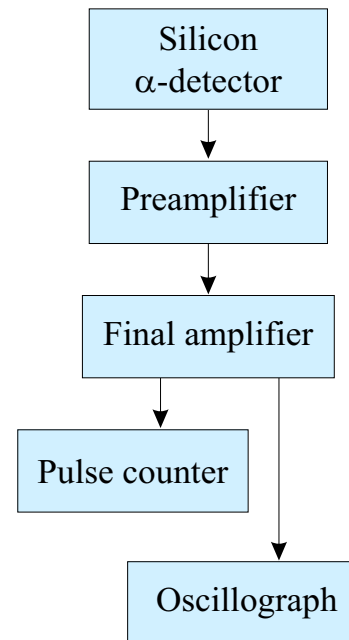
The registration of high energy α -particles under the impact of 12.5-keV oxygen ions

(First experiment date: 27 Nov 2003)

Scheme of the experiment



Detection scheme



Background α -particle pulse registered by α -detector after 1.5 hours since the start of detecting with turned-off primary ion beam (a); pulse registered by α -detector while studying the sample No. 53 (b); multiple pulse series registered by α -detector while studying the sample No. 73 (c).