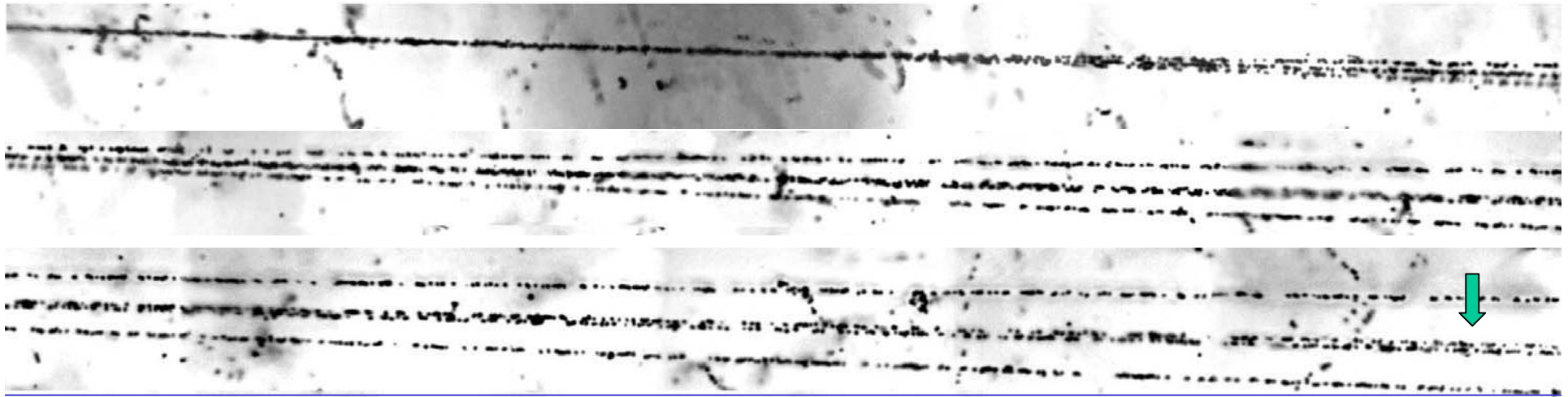


4.5A GeV/c ^{16}O Coherent Dissociation with ^8Be like fragmentation



The reliable observation of charged relativistic fragments is a motivation to apply emulsion technique which provide 0.5 micron resolution.

Requirements of conservation of the electric charge and mass number of a projectile fragments are employed in the analysis.

Measurements of multiple scattering angles make it possible to estimate the total momentum of hydrogen and helium projectile fragments and thereby to determine their mass.