

AMS (Accelerator Mass Spectrometry)

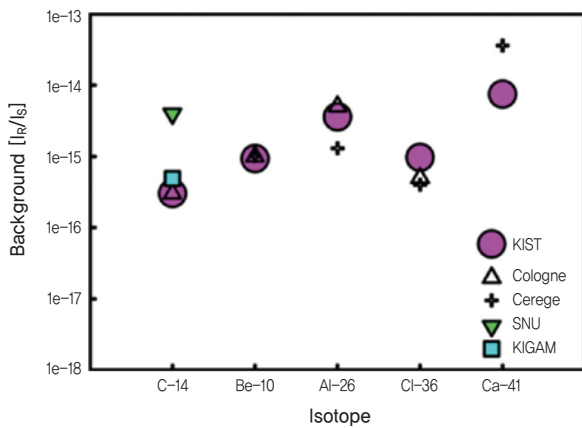
가속기 질량 분석법

Specifications

- Manufacturer : HVEE
- Two AMS ion sources (50 & 200 carousel)
- Available rare isotopes : ^{10}Be , ^{14}C , ^{26}Al , ^{36}Cl , ^{41}Ca , ^{129}I

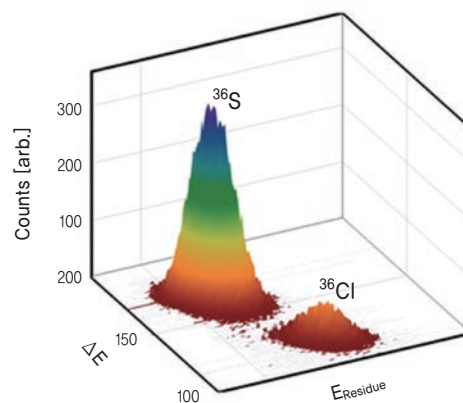
AMS Performance

Back-ground level of 5 major isotopes



- Background level of ^{14}C : 3×10^{-16}

3-dimensional isotope spectrum



- Clear suppression of isobaric effect

AMS Applications

