

## Reaction's Kinematics: A<sub>lab</sub> & E<sub>lab</sub>

${}^8\text{He} + {}^{208}\text{Pb} \rightarrow {}^8\text{He} + {}^{208}\text{Pb}$  or  ${}^{208}\text{Pb}({}^8\text{He}, {}^8\text{He}){}^{208}\text{Pb}$ ; Reaction at the "middle" of the target

Projectile Energy at the reaction place: 2,74 MeV/u; Grazing angle: CMS = 131,10 deg; Lab = 129,39 deg

Q<sub>reaction</sub> : 0,00 MeV (Excitations 0,0+0,0 → 0,0+0,0); Plotted Energy option is "before entrance of detectors"

