

## Coincidence

1 energy deposit in the scatterer  
**AND**  
1 energy deposit in the absorber



## True gamma

Coincidence for 1 gamma  
(Compton scattering)

## Background

- Coincidence between 2 secondary particles:
  - from different incident ions (*fortuitos*)
  - from the same incident ion (*background*)
- Coincidence generate by a secondary particle:  $e^-$ , proton, neutron, etc. (*background*)