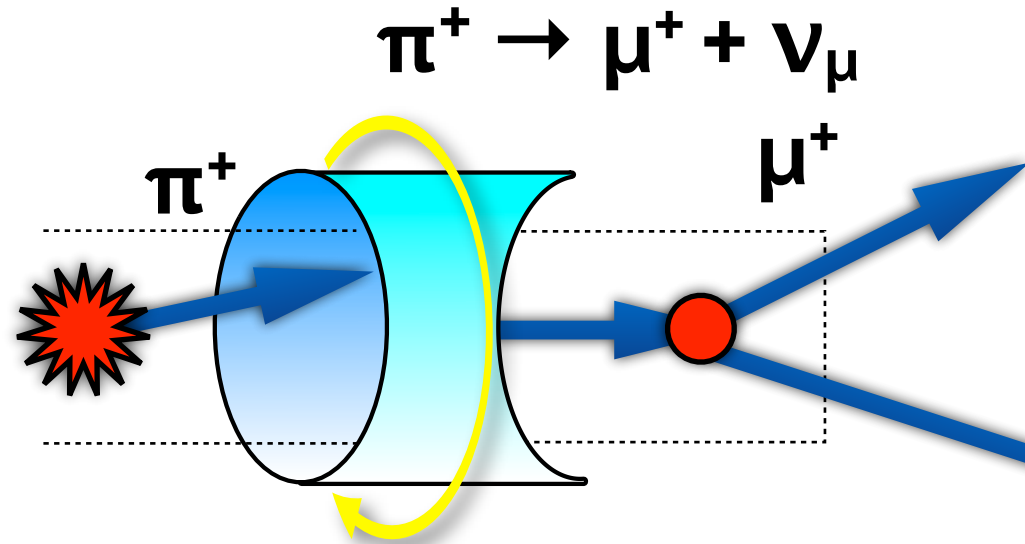


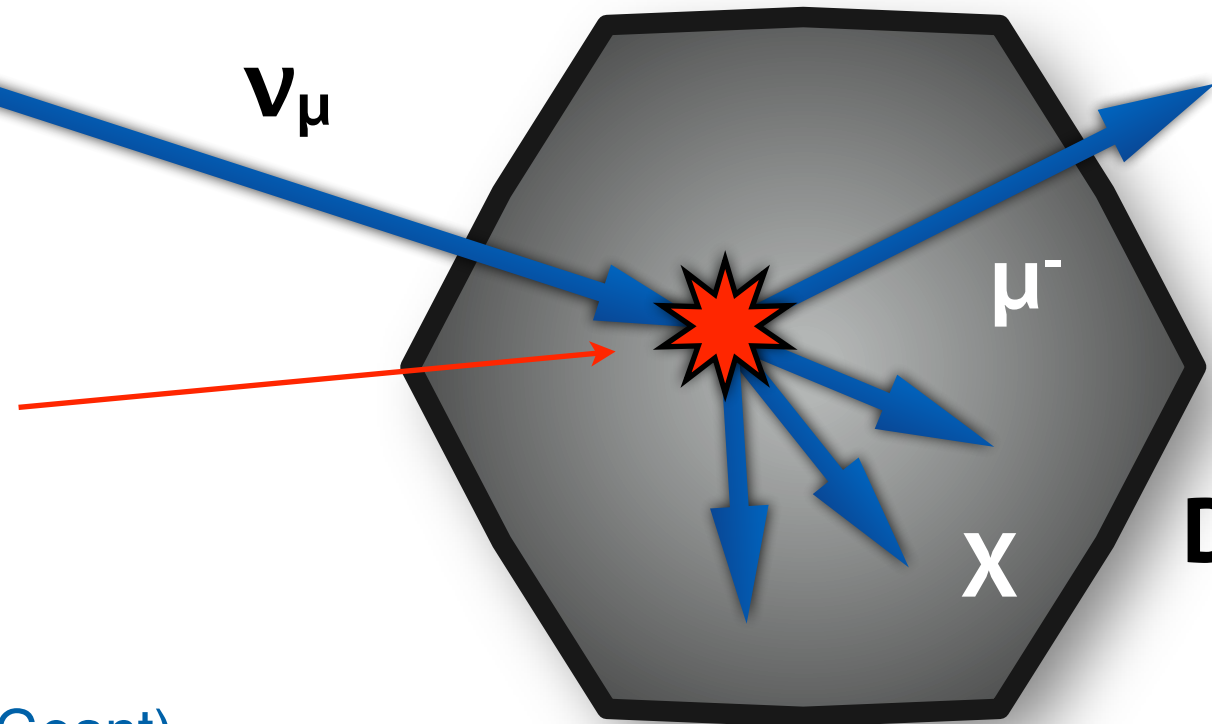
Beamline (FLUKA/Geant)
+ Produces a flux prediction
+ Hadron production, focusing, etc.



Event Generator (GENIE)
+ Interaction Physics
+ Nuclear medium

ν_μ

$\nu_\mu + N \rightarrow \mu^- + X$



Detector (Geant)
+ Final state radiation traversing matter