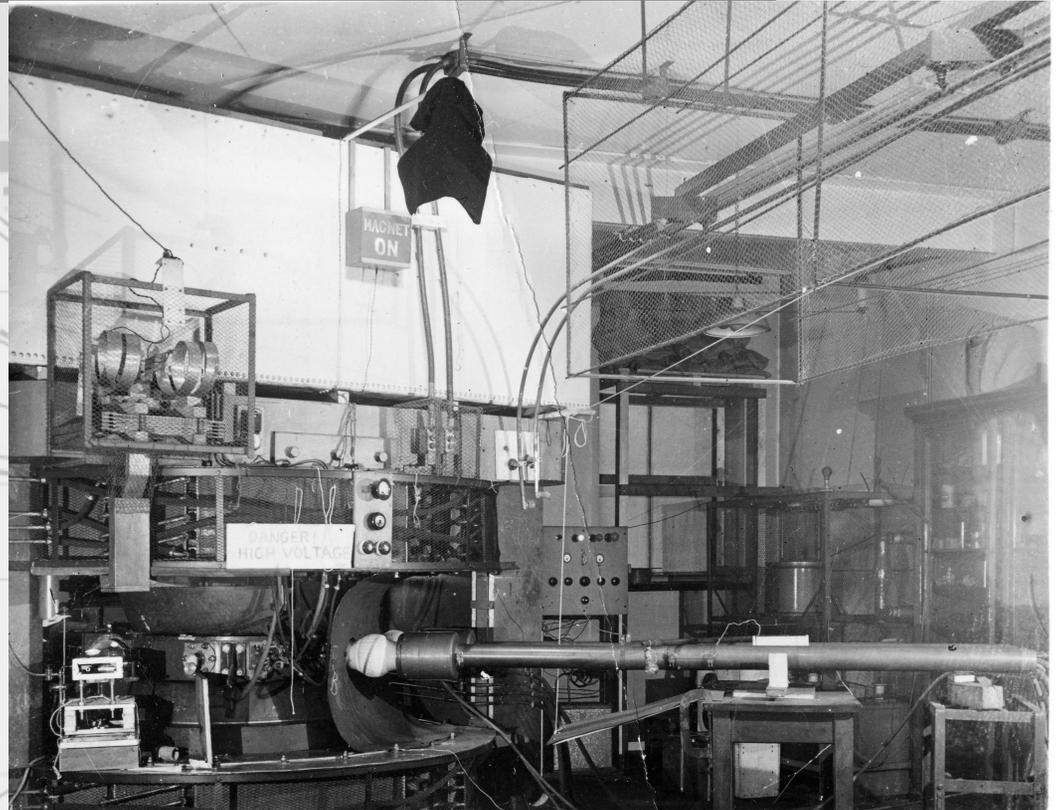


- NW England (again)  
James Chadwick era
- Liverpool cyclotron
  - first outside US?
  - cross sections  
for Manhattan
  - Liverpool Physics in  
Downing Street !



- ↳ Liverpool synchrocyclotron "Metro Vick"
  - first extracted beam 1955 Crewe and Gregory
- ↳ NIMROD ( $p$ ) and NINA ( $e$ ) synchrotrons  
CERN ( $p$ ) PS, SPS, DESY, SLAC, BNL, Fermilab ...