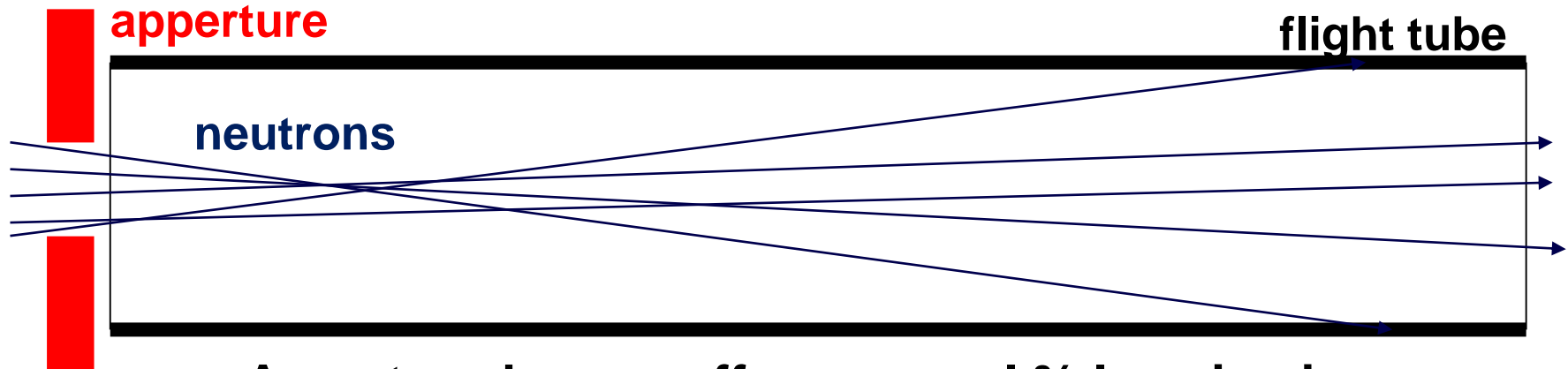


Beam Properties

Flight tube



**A neutron beam suffers several % loss in air –
and activates N, O and Ar in the air.**

**The beam must thus be encased in a flight tube which is either
evacuated or filled with He.**

**Aluminium is the material of choice for tube and windows –
high transparency and short activation time (2.5 mins half-life).**