

# *Sqw: a 'liquid' TOF*

- Add a **Monitor\_nD** cylindrical detector  $\phi 1\text{m} \times 30\text{cm}$ , sensitive to **( $\theta, y$ )** for diffraction, centred on the sample, with 100 bins.
- Add the same, but sensitive to **(angle, energy)** with automatic energy limits.
- Save, run in Trace 3D to check geometry.
- Run in Simulation/PGPLOT mode with  $1\text{e}8$  neutron events.
- Plot results !
- Comment on the diffraction pattern and the inelastic one.

