



Neutrons are thermalized, leaving all their energy in the plastic scintillator. They are then captured in a  $\text{Li}^6$  glass fiber. The light from the neutron captures is channeled along fibers and read out at the end by a photomultiplier tube.

Bare  $\text{Li}^6$  glass fibers, of the kind that we will coat to optically isolate them from the surrounding plastic.