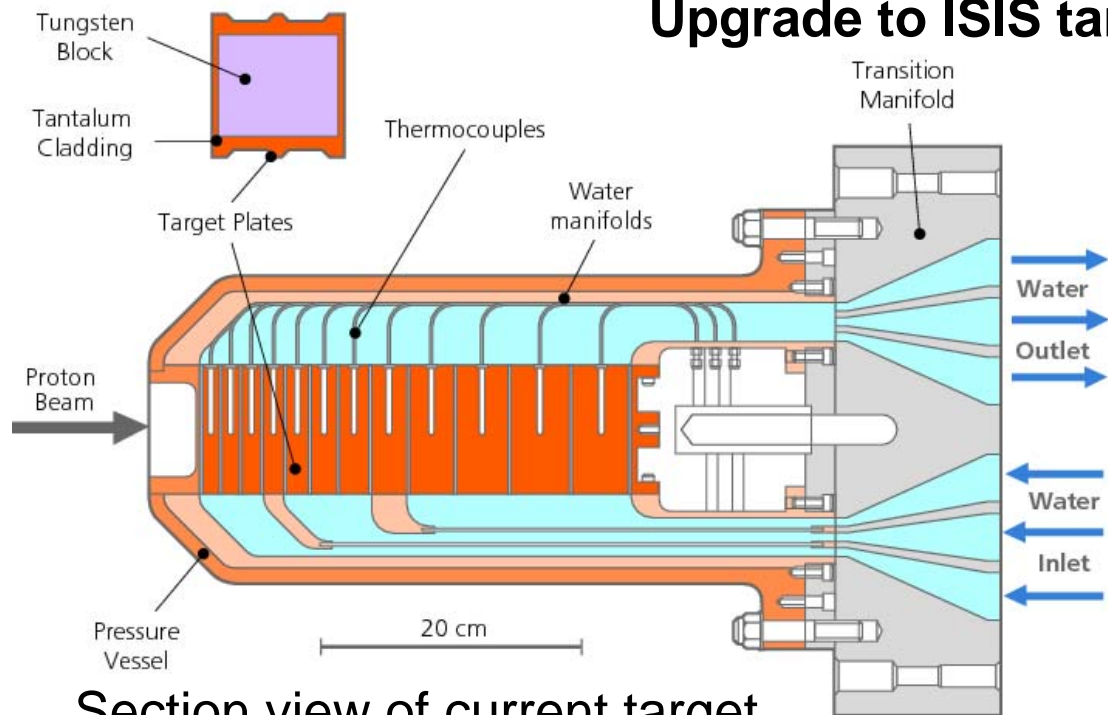


Upgrade to ISIS target station 1



800MeV, 160kW, 50Hz
90kW heat removed in water

Section view of current target

Section view of target concept

Target being in pellet form allows high temp operation without high stresses

No cooling water to moderate neutron flux

Scope for more than 160kW?
Ref: Sievers 2003.

