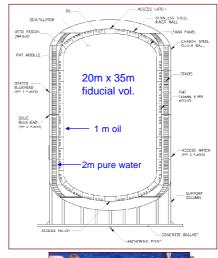


Addressing Technology Issues

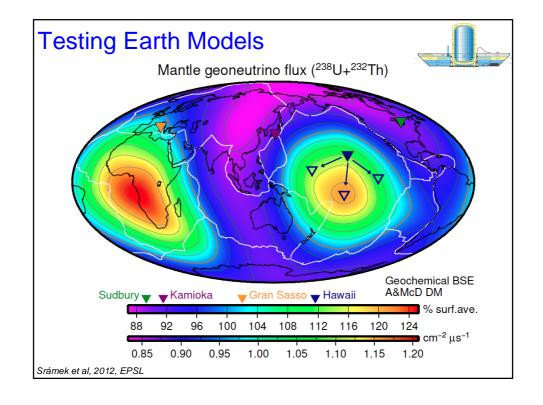
- · Scintillating oil studies in lab
 - P=450 atm, T=0 ° C
 - Testing PC, PXE, LAB and dodecane
 - No problems so far, LAB favorite... optimization needed
- · Implosion studies
 - Design with energy absorption
 - Computer modeling & at sea
 - No stoppers
- · Power and comm, no problems
- Optical detector, prototypes OK
- Need second round design

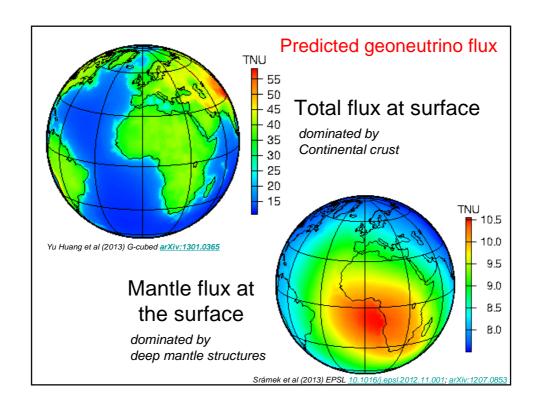


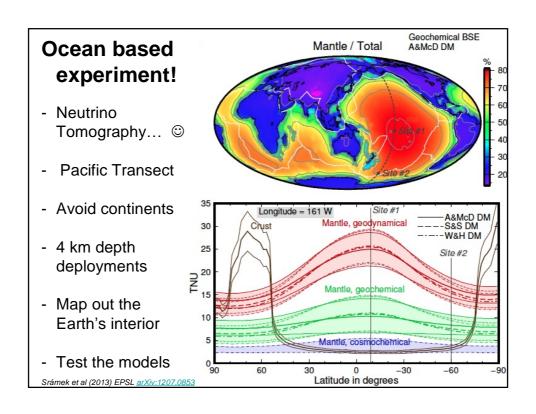












Future:

-Neutrino Tomography of the Earth's deep interior ©

Hanohano- 10 kt-yr Exposure

- -Mantle flux U geoneutrinos to ~10%
- -Heat flux ~15%
- -Measure Th/U ratio to ~20%
- -Rule out geo-reactor if P>0.3 TW
- There is also plenty of Neutrino Physics..
- And much astrophysics and nucleon decay too....