

Liquid Scintillator
 $E \gtrsim \text{MeV}$

Water Čerenkov
 $E \gtrsim \text{few } \times 10 \text{ MeV}$
can be made HUGE

Magnetized Iron
 $E \gtrsim \text{GeV}$
charge ID

Liquid Argon
 $E \gtrsim 10 \text{ MeV}$

$\theta_{12}, \Delta m_{21}^2$
Borexino
SNO
KamLAND

$\theta_{23}, \Delta m_{31}^2$
MINOS
Super-K
NOvA
LBNE?
Neutrino factory?
Double Chooz
RENO
Daya Bay
 θ_{13}

Solar ν
 $E \lesssim 10 \text{ MeV}$
large flux

Atmospheric ν
useful at $E \gtrsim 100 \text{ MeV}$

Reactor ν
large flux
 $E \lesssim 10 \text{ MeV}$

Accelerator ν
 $E \sim \text{few } 100 \text{ MeV} \rightarrow \text{few } 100 \text{ GeV}$