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Neutron Detector

WHAT ARE THE LIMITS OF ENERGY FOCUSING
THAT CAN BE ACHIEVED WITH SONOLUMINESCENCE
Can one achieve a temperature high enough for
nuclear fusion

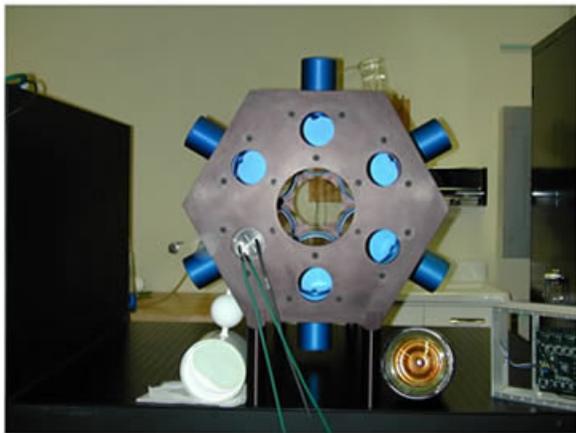


Background events can be cut dramatically by gating on SL

UCLA Neutron Detector -<1ns timing

Single neutron counting

25% total Q.E. including discrimination



Designed and built by Brian Naranjo, Bob Cousins

Neutron Detector

Neutron detector designed and built by Bob Cousins and Brian Naranjo; capable of time correlated single neutron counting with a quantum efficiency that can be as high as 25%. Used for the invention of crystal fusion and the search for sonofusion.