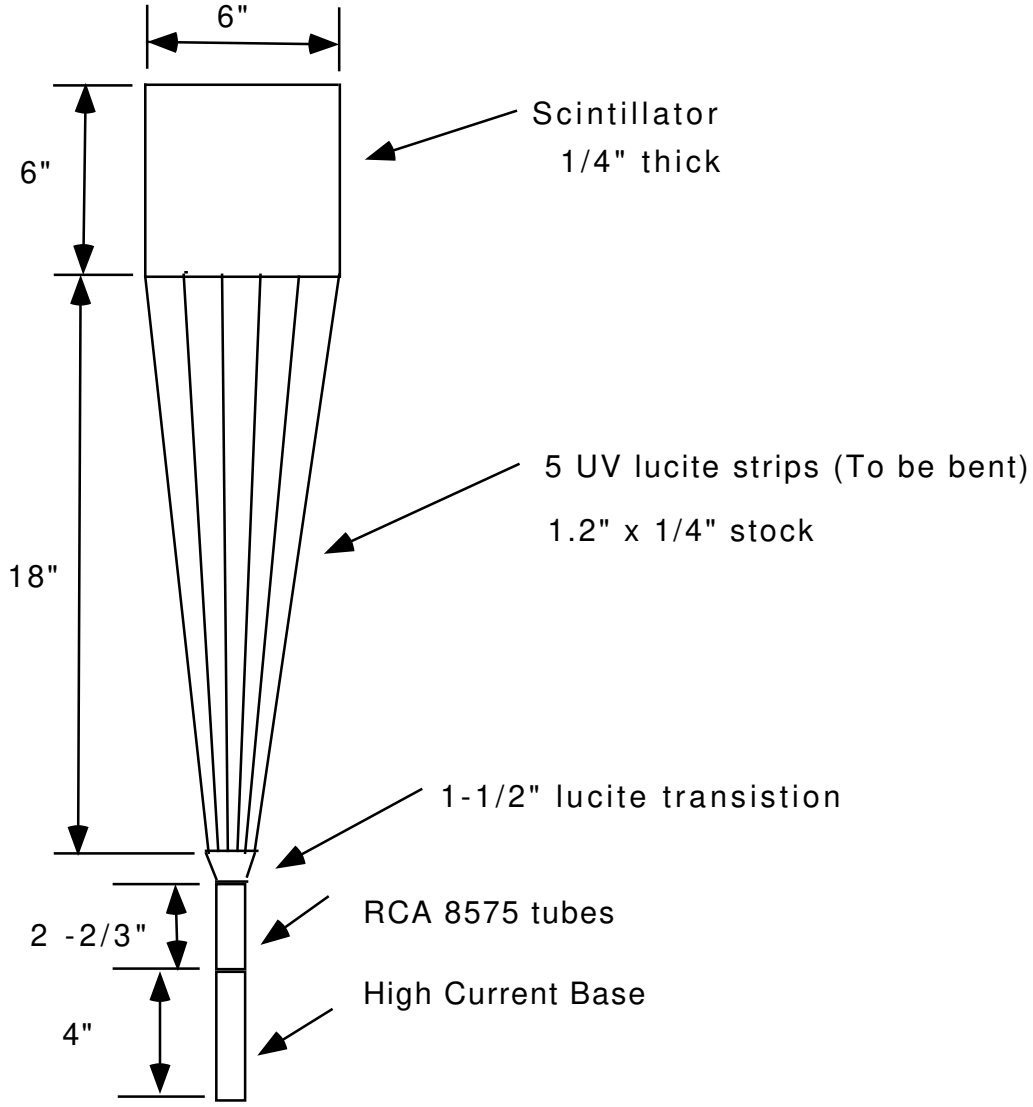E852 S2 counter