

Background in DSSSD singles
 at 1.22 MeV/u in 12C(a,g) run

Plots are DSSSD Energy vs X*
 (horiz. strip number)
 and DSSSD Energy vs R.F. time
 and DSSSD recoils
 Group 1 is A=16 recoils
 Group 2 is alpha source
 Groups 3,4,5 non-coincident b/gnd,
 presumably 12C leaky beam.
 (Strip 1 has low gain.)

Transmission of leaky beam:
 1.2×10^{-13}

For comparison, with a DSSSD behind
 the Mass slits we had transmission
 of order 10^{-6} and a wide range of
 energies. A possible (very
 speculative) scenario is
 that the second stage of the
 separator transmits selected
 energies by:
 Group 3 -- q=5, scattering between
 MD2 and ED2
 Group 4 -- q=5 through MD2, charge
 change for q=4 through ED2
 Group 5 -- q=3 through MD2, charge
 change for q=2 through ED2

