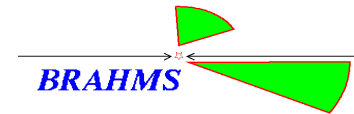


Triggers



The use of triggers is essential to optimize the physics program

AuAu

Vertex Selection – improve resolution

Centrality selection

1. Spectrometer triggers (FS H1+H2+ ?
 1. D1T
 2. New instrumented e.g in front of T1
2. Mrs – Tofw + thins slats (segmented ?) after TPM1 – front TPM2?
3. Not for timing but for tracks within acceptance.

AA

Early estimates shows that BB may not be so efficient in selecting peripheral (as in pp and at 19 GeV).

Should we add a detector for coll identifications (Paddles. – dt~.15-.2 nsec) that would be good for vertex+ collisions (large eta range)

Trigger electronics

Presently a bit of a mess – improve with custom built; increased use of ECL ?

Running out of NIM rack space.. E.g. AA triggers el. Partly dismantled to run the pp