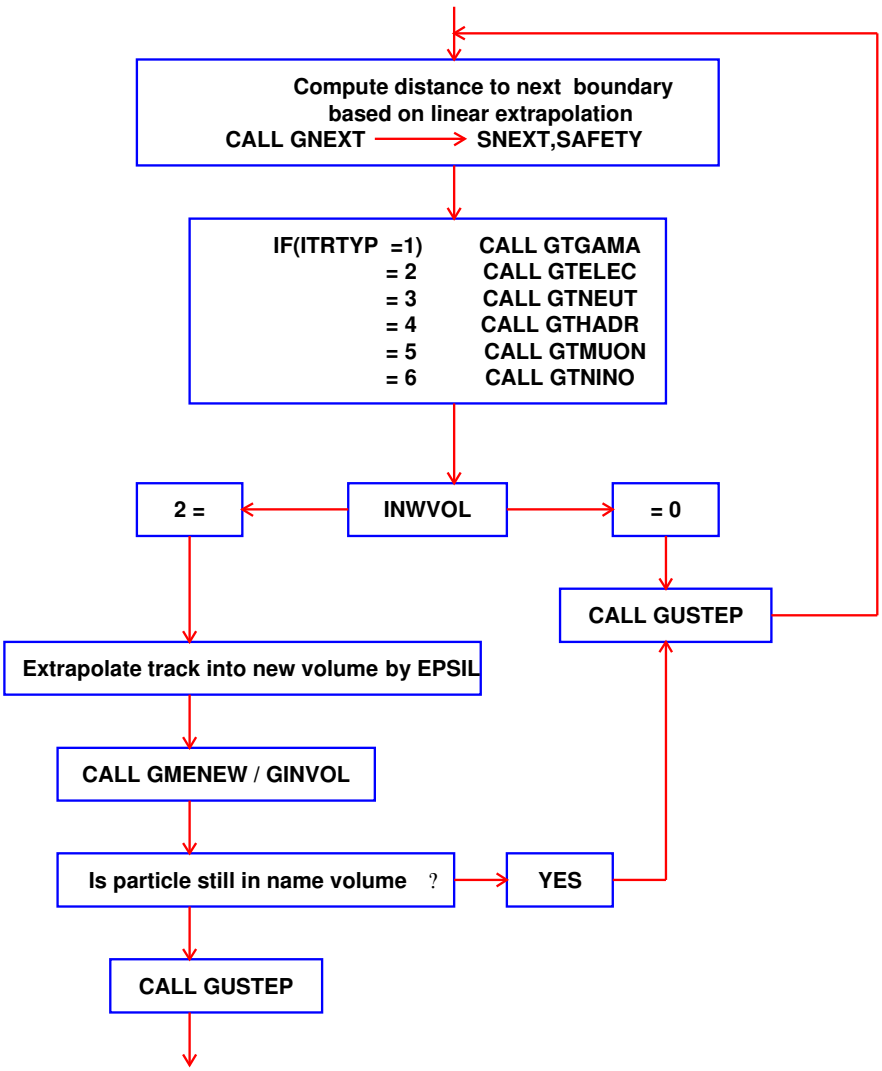
Compute distance to next boundary
based on linear extrapolation
CALL GNEXT
SNEXT,SAFETY
IF(ITRTYP =1) CALL GTGAMA
= 2 CALL GTELEC
= 3 CALL GTNEUT
= 4 CALL GTHADR
= 5 CALL GTMUON
= 6 CALL GTNINO
2 =
INWVOL
= 0
CALL GUSTEP
Extrapolate track into new volume by EPSIL
CALL GMENEW / GINVOL
Is particle still in name volume ?
YES
CALL GUSTEP