Output Format of TOF program

The result of TOF program will be given in COMMON/CWORK/.

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COMMON/CWORK/ ID(983),INFM(4),IR(14,50)
DIMENSION R(14,50)
EQUIVALENCE (IR(1,1),R(1,1))
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- General information

        INFM(1) : total number of tracks

            (2) : number of tracks for which mass could be defined

            (3) : number of tracks for which mass could not be defined

            (4) : number of tracks which did'nt hit TOF counters.

- TOF information for each track

        IR(1,N) = N : index(track number)

        " (2,N) : flag = 1   if one track hits a counter and gives good result.

                       = -1 if one track hits a counter and gives wrong result

                       = 2   if two tracks hit a counter and gives good result

                       = -2 if two tracks hit a counter and gives wrong result

                       = 10 if the track did'nt hit any counter

        " (3,N) : counter number

        R (4,N) : time of flight (ns)

        " (5,N) : path length of the track (mm)

        " (6,N) : β

        " (7,N) : $\Delta\beta$

        " (8,N) : mass (GeV)

        " (9,N) : Δm (GeV)

        " (10,N) : proton relative probability

        " (11,N) : kaon   relative probability

        " (12,N) : pion   relative probability

        " (13,N) : electron relative peobability

          (14,N) : dE/dx

should get inter 'PATR'