```
     *            .AND.IFLAG.EQ.3.) THEN
             CHI2 = 666.*2.*(ABS(DST(1,I)+2*DST(4,I) - 3.*DST(3,I)))

          ELSE
              MAKLRM=1
          ENDIF
C
        CH2(I) = CHI2
        IF(CHI2.NE.CH1M) THEN
           IF(CHI2.LE.CH1M) THEN
              IF(CH1M.NE.CHICT3)THEN
                  N2 = N1
                  CH2M = CH1M
              ENDIF
              N1=I
              CH1M=CHI2
           ELSE
              IF(CHI2.LE.CH2M)THEN
                 N2 = I
                 CH2M = CHI2
              ENDIF
           ENDIF
        ENDIF
 1      CONTINUE
C-----------------------------------------------------------------
        IF(CH1M.EQ.CH2M) THEN
           N2=0
           CH2M=10.
        ENDIF
        IF((N1+N2).EQ.0 ) MAKLRM=1
C------ Begin cuts.........
        IREJ=0
C-------*********CUTS ONE***********
        IF(MAKLRM.EQ.1)RETURN

        IF(HDBG(1))THEN
          CALL HDUMMY(10115,CH1M,0.,1.)
          CALL HDUMMY(10117,CH2M,0.,1.)
          CALL HDUMMY(10116,FLOAT(N1),0.,1.)
          CALL HDUMMY(10118,FLOAT(N2),0.,1.)
          CALL HDUMMY(10119,CH2M-CH1M,0.,1.)
        ENDIF

        IF(CH1M.LT.GOODCHI1.AND.CH2M.GE.CH1M+2.)THEN
            IREJ=1
        ELSE IF(CH1M.LT.CHICT3.AND.CH2M.LE.CHICT3) THEN
            IREJ=2
        ENDIF

        RETURN
        END
C
```