

```

      (1)  :  IER
      (2)  :  NTR

      (3)  :  NHIT
      (4)  :  DEDX
      (5)  :  SIGMA (DEDX)
      (6)  :  CHISQ (ELECTRON)
      (7)  :  CHISQ (PION)
      (8)  :  CHISQ (KAON)
      (9)  :  CHISQ (PROTON)
      (10) :  JMIN
      (11) :  MOMENTUM
      (12) :  MOMENTUM ERROR
      )

      (13) :  NHIT
      (14) :  DEDX
      .
      .
      (22) :  MOMENTUM ERROR
      )

      .
      .
      .

```

1. track

2. track

If the 'TP' step was performed with this new version of DEDXBN the results are also available from the 'TPTR' banks.

For the use of DEDXBN the data have to be z recalibrated. This is automatically controlled by DEDXBN. If the 'z calibration flag' (second half word in the 'JETC' bank) is zero the program does:

```
CALL ZSFIT(1)
```

Important:
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If the user wants in addition the so called 'hit cleaning' together with a z-s fit he has to CALL ZSFIT(0) before CALL DEDXBN. The hit cleaning removes hits if there is a nearby track within a distance of 3 mm. Without 'hit cleaning' the rms resolution for tracks in multihadronic events is 9.0 % instead of 8.0 % .

The new dE/dx version is also available in the graphics package.