

End product data tables

J.P. Sullivan, H. van Hecke

We are not using the proposed structures yet, but soon.

```
/* dMvdVertexOut: Output of vertex finding algorithms */
struct dMvdVertexOut {
    short id;                      /* primary key */
    float vertex[3];                /* xyz of vertex (cm) */
    float vertexerr[3];              /* uncertainty on xyz of vertex (cm) */
    float vertexcl[3];               /* confidence level on vertex xyz (0.-1.) */
    float softvertex[3];              /* Algorithm ID and version number (e.g. 1.1) */
};
```

```
/* dMvddNdataOut: Output from dN/deta and multiplicity algorithms */
struct dMvddNdataOut {
    short id;                      /* primary key */
    short netabins;                 /* Number eta bins used in following arrays */
    float dndeta[128,6];             /* dN/deta value in each bin 1-->netabins */
    float dndetaerr[128,6];            /* dN/deta uncertainties in each bin */
    float eta[128,6];                /* eta value in each bin 1-->netabins */
    float phi[6];                   /* phi (azimuthal angle) for each bin */
    float softdndeta;                /* ID and version number of dN/deta algorithm */
    float totalmult;                  /* Measured total multiplicity in MVD */
    float totalmulterr;                /* Uncertainty on total multiplicity */
    float softmult;                  /* ID and version number of multiplicity algorithm */
};
```