

```

Header [80 characters]
x-pitch [um] y-pitch [um] thickness [um] time-slice-step [ps]
<cluster>
x-entry y-entry z-entry n_x n_y n_z number_eh_pairs
<time slice t_1>
pix_00_00 pix_00_01 pix_00_02 ... pix_00_20
pix_01_00 pix_01_01 pix_00_02 ... pix_01_20
.
.
.
pix_12_00 pix_12_01 pix_12_02 ... pix_12_20
<time slice t_2>
.
.
.
<time slice t_16>
pix_00_00 pix_00_01 pix_00_02 ... pix_00_20
pix_01_00 pix_01_01 pix_00_02 ... pix_01_20
.
.
.
pix_12_00 pix_12_01 pix_12_02 ... pix_12_20
<cluster>
x-entry y-entry z-entry n_x n_y n_z number_eh_pairs
.
.
.

```

(n_x, n_y, n_z) is the track direction. Due to sampling, the pixel charges pix_yy_xx must be multiplied by 10 to get total charge = number_eh_pairs. The track position at the pixel midplane ($x\text{-entry} + 0.5 \cdot t \cdot n_x / n_z$, $y\text{-entry} + 0.5 \cdot t \cdot n_y / n_z$, $z\text{-entry} + 0.5 \cdot t \cdot \text{sign}(n_z)$) is always in the center pixel pix_06_10 [it is uniformly distributed within the pixel area].