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 y_module track_q_sign*pT
<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 y_module track_q_sign*pT
.
.
.

(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-entry+0.5*t*n_x/n_z, y-entry+0.5*t*n_y/n_z, z-entry+0.5*t*sign(n_z)) is always in the 3x3 array about the center pixel pix_06_10 [it is uniformly distributed within the 3x3 pixel area]. y_module is the local y of the track midlpane coordinate in L1 [varies from -8.1 mm to +8.1 mm] and track_q_sign*pT is the product of the track pT and sign of the track charge. Flipped modules have z-entry=0 and $n\_z > 0$. Unflipped modules have z-entry=100 [um] and $n\_z < 0$.