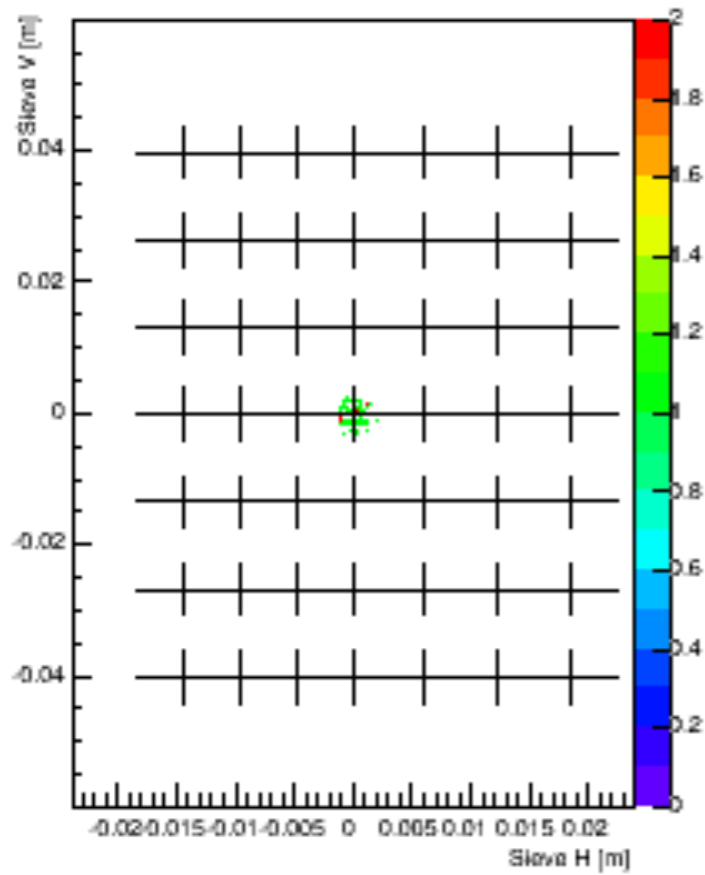
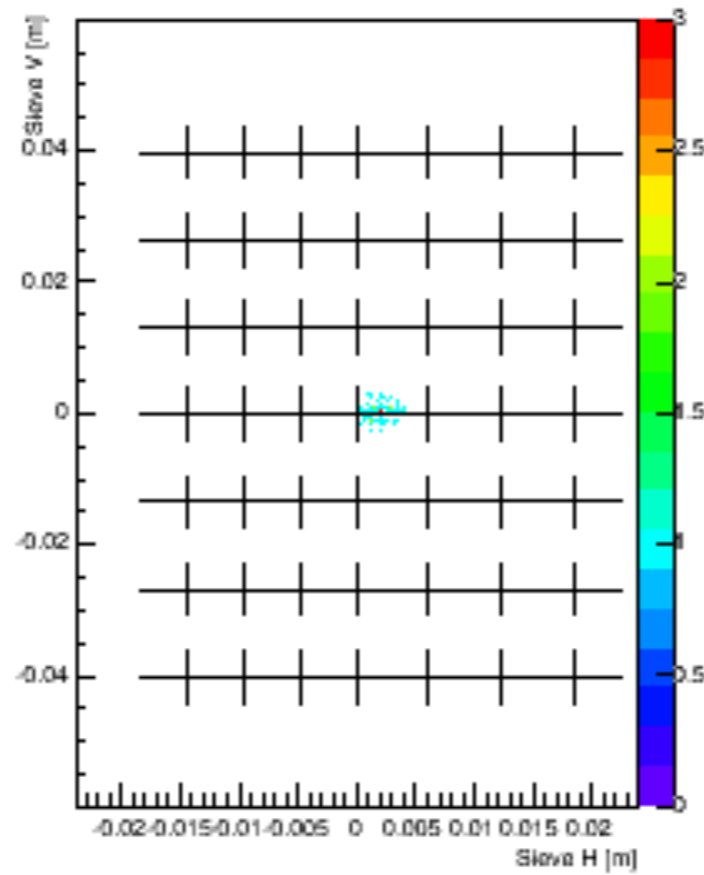


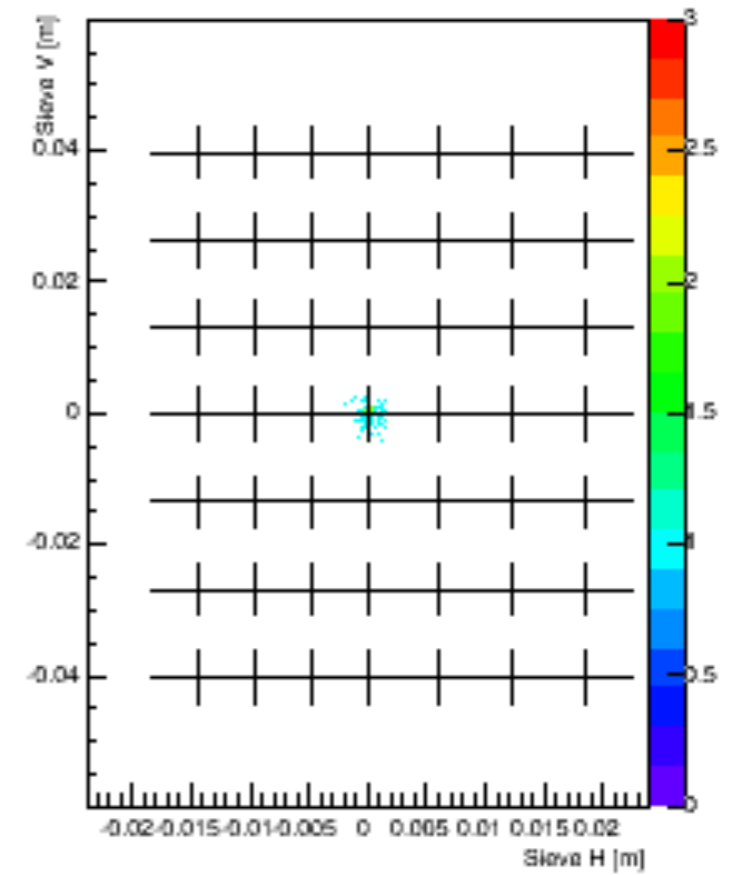
-3%,  $y_{tg}=0.4\text{mm}$



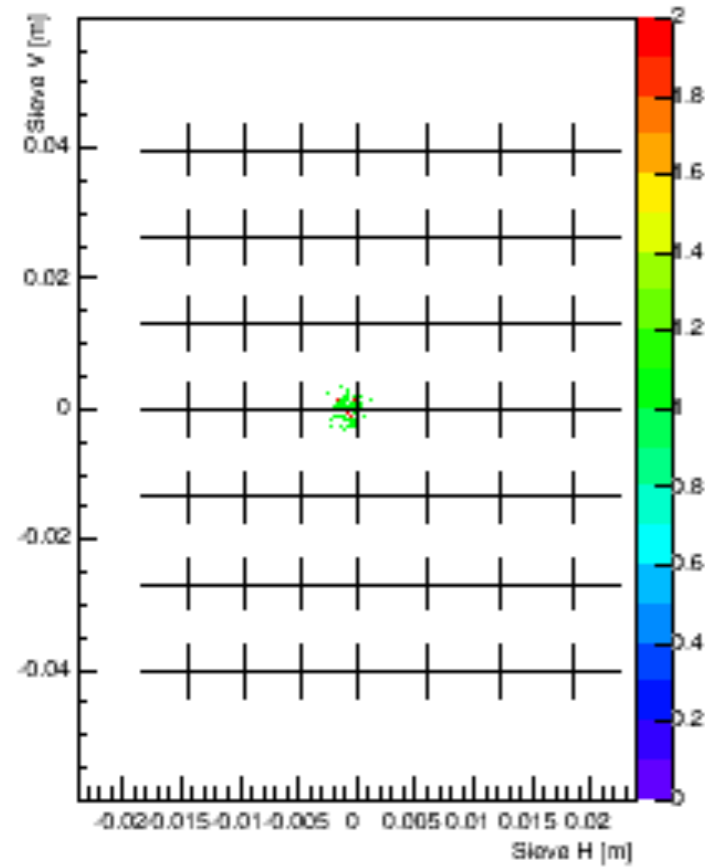
-1%,  $y_{tg}=3.7\text{mm}$



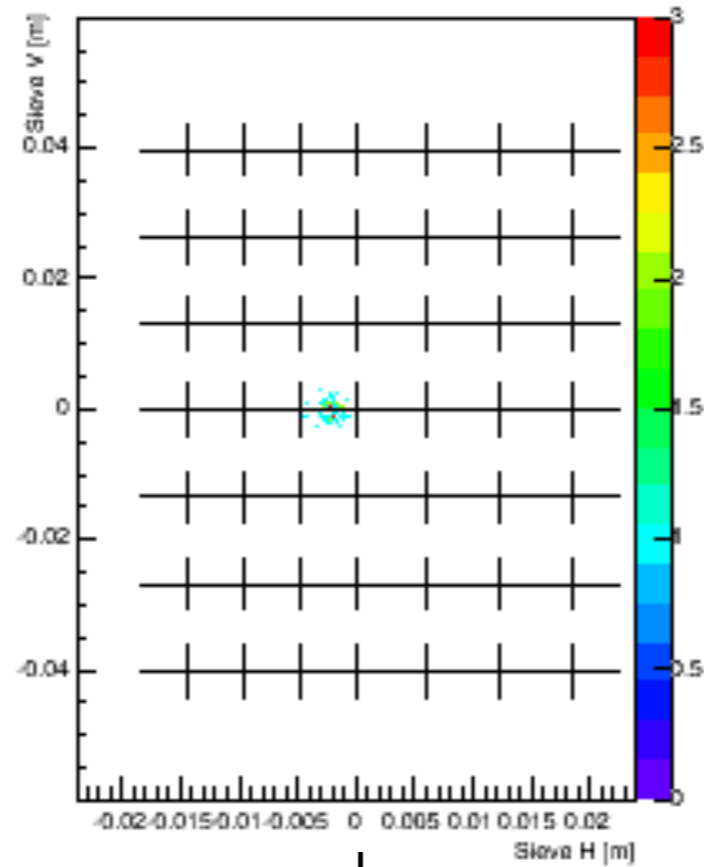
0%,  $y_{tg}=2.0\text{mm}$



1%,  $y_{tg}=1.5\text{mm}$

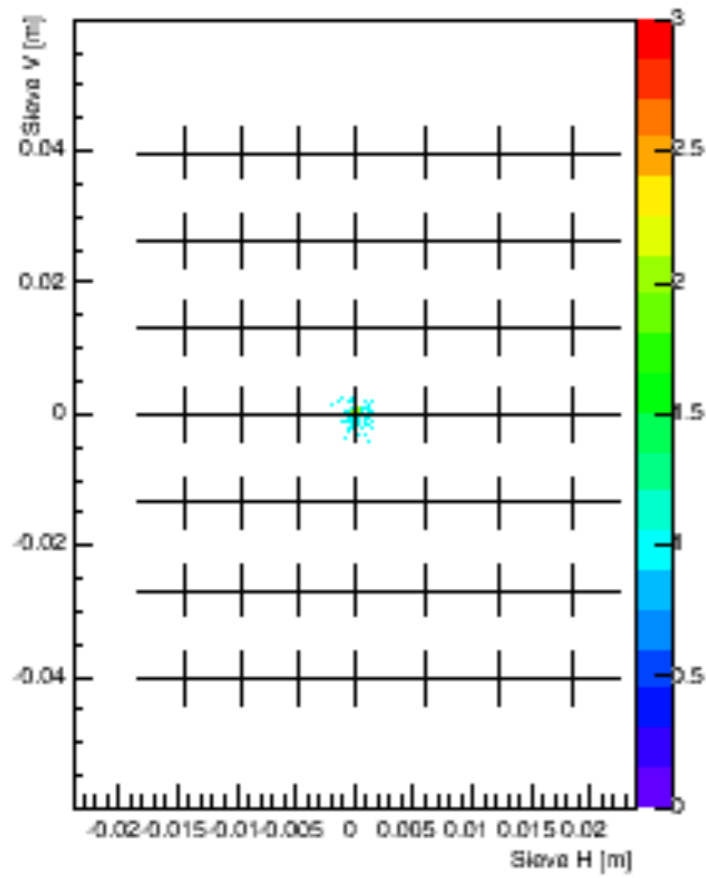


3%,  $y_{tg}=0.9\text{mm}$

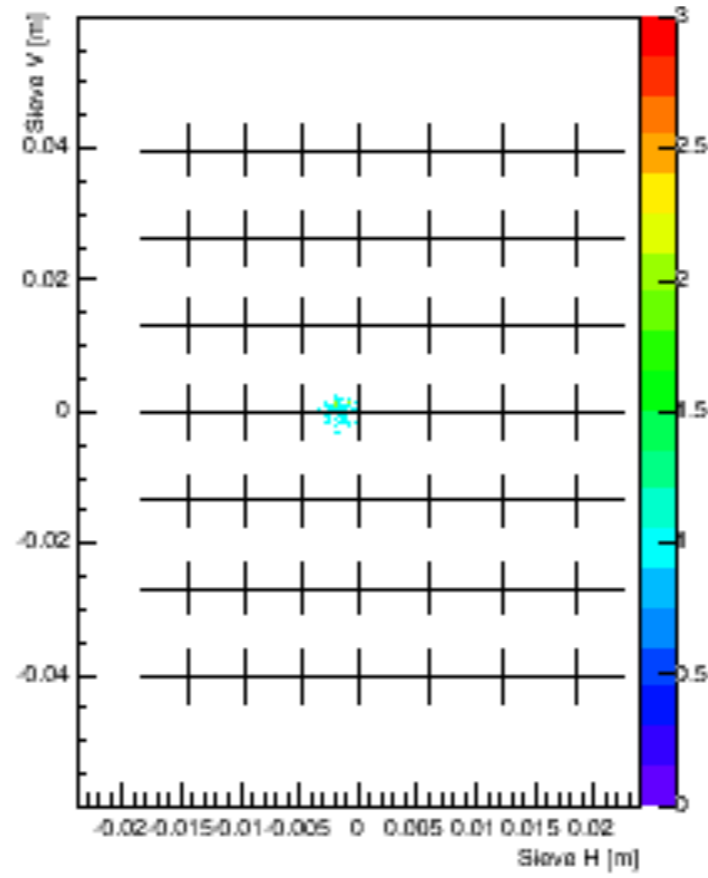


Center hole

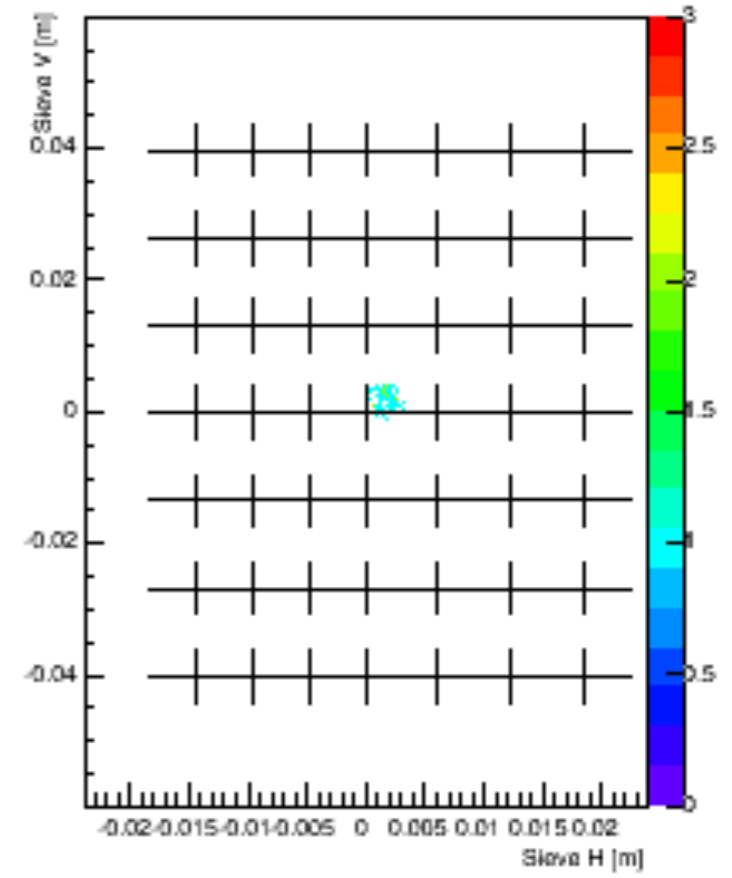
0%,  $\gamma_{tg}=2.0\text{mm}$



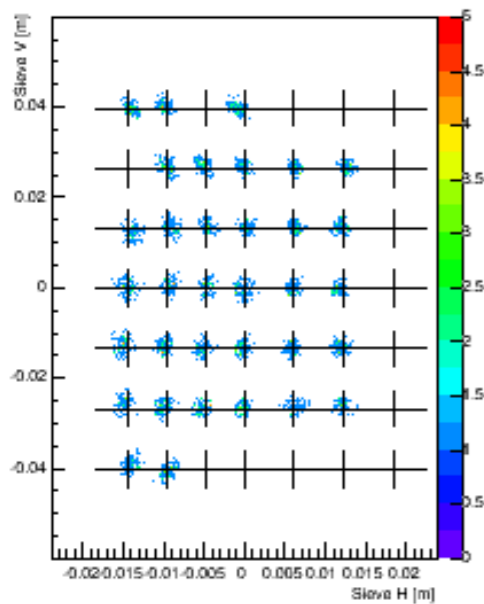
0%,  $\gamma_{tg}=-1.9\text{mm}$



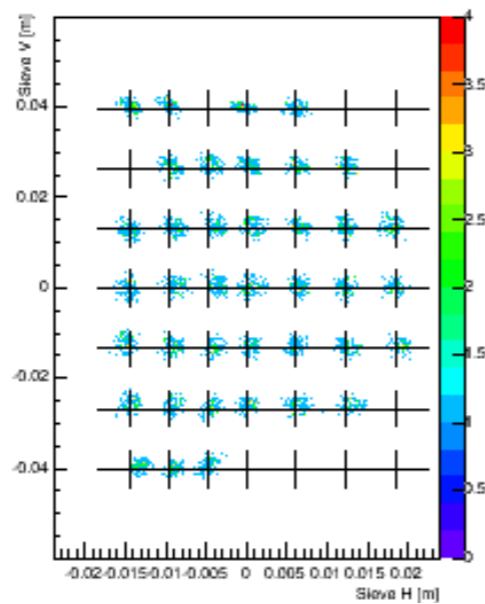
0%,  $\gamma_{tg}=5.7\text{mm}$



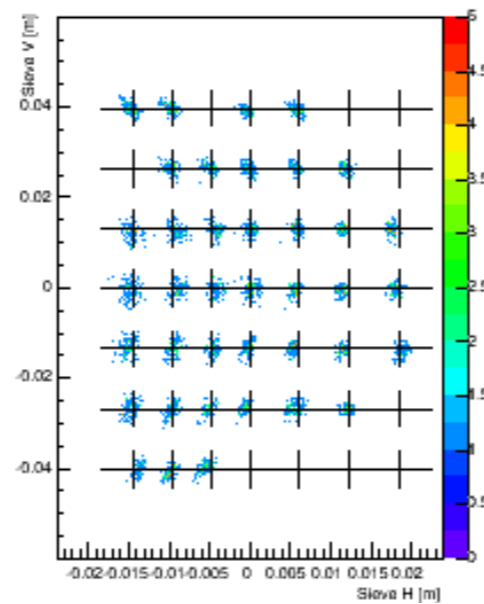
-3%,  $y_{tg}=0.4\text{mm}$



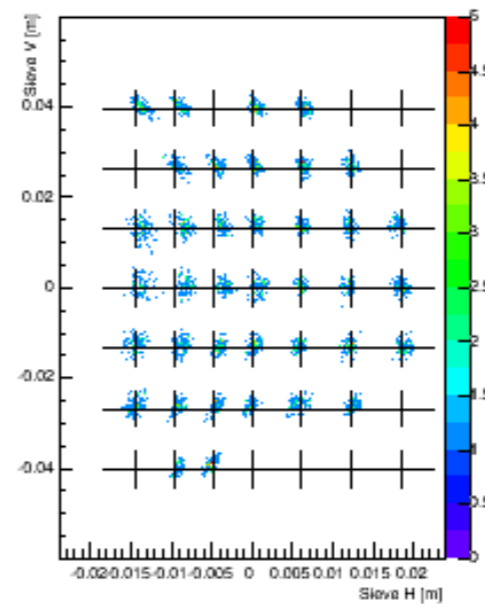
-1%,  $y_{tg}=3.7\text{mm}$



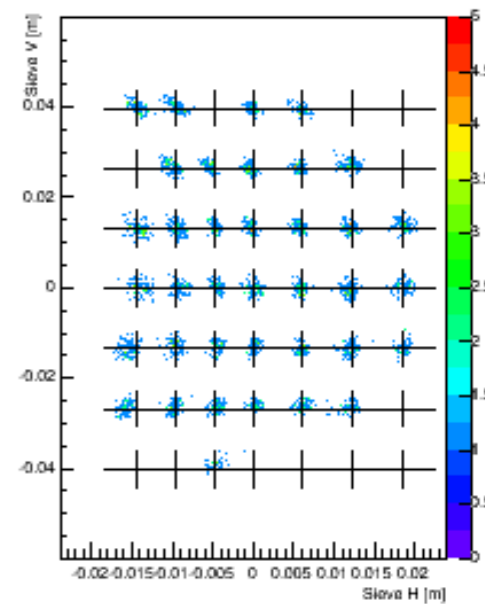
0%,  $y_{tg}=2.0\text{mm}$



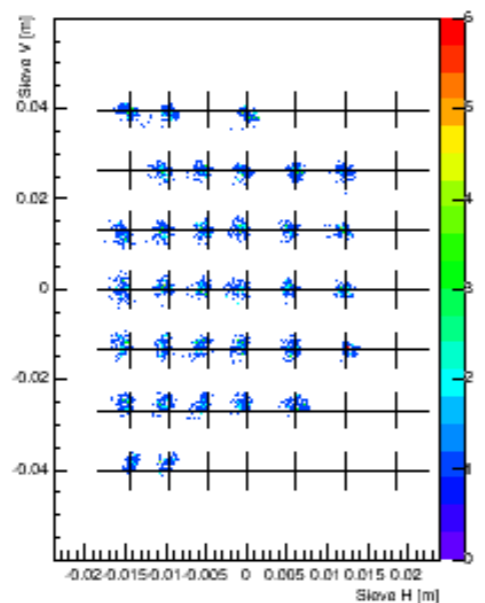
1%,  $y_{tg}=1.5\text{mm}$



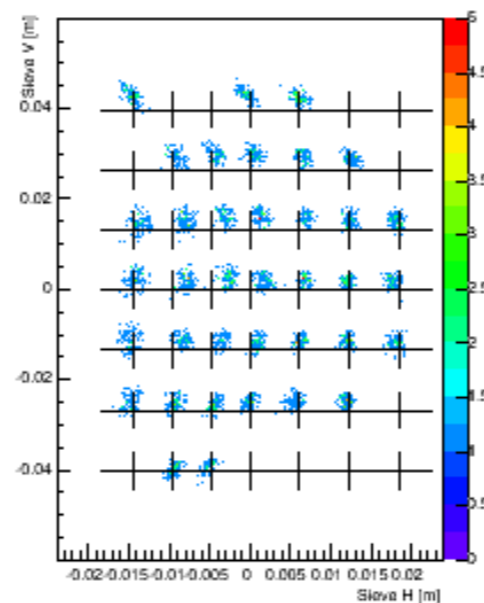
3%,  $y_{tg}=0.9\text{mm}$



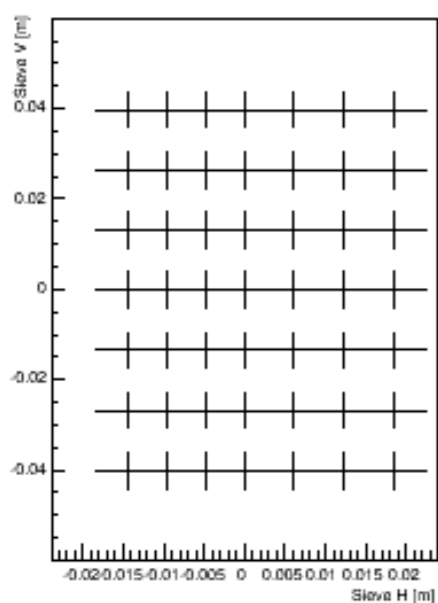
0%,  $y_{tg}=-1.9\text{mm}$



0%,  $y_{tg}=5.7\text{mm}$

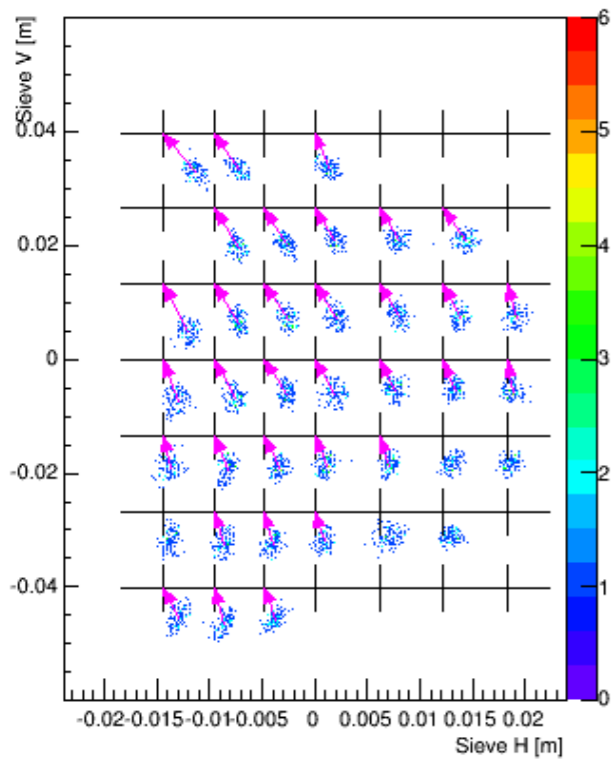


Sieve Plane Proj. (tg\_X vs tg\_Y) for Kline #6

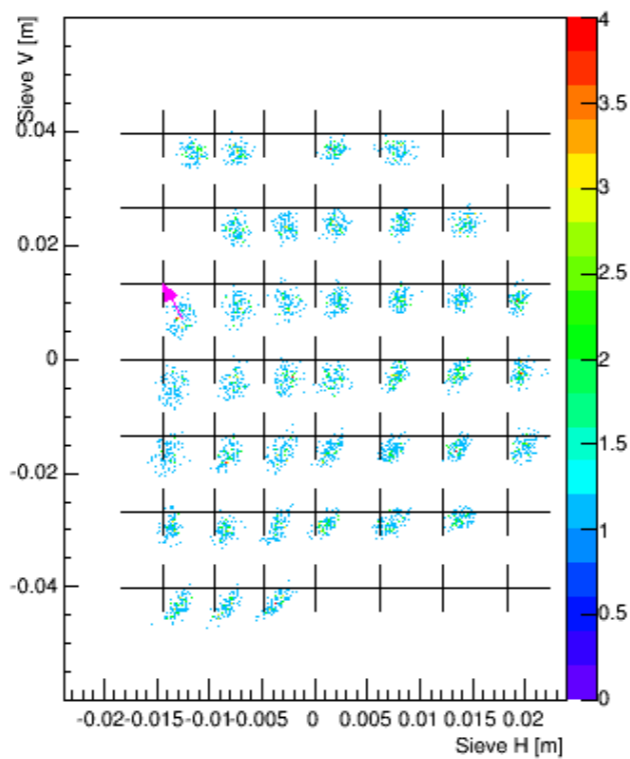


After Calibration

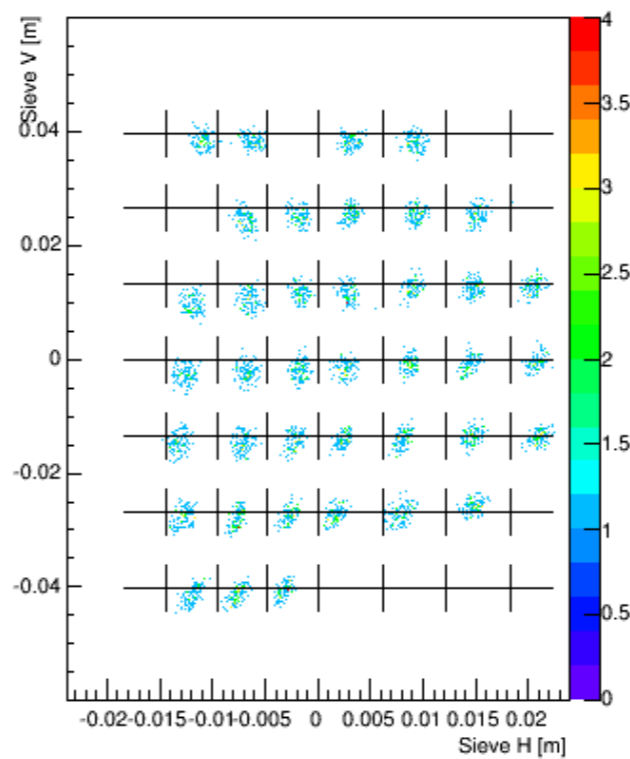
-3%



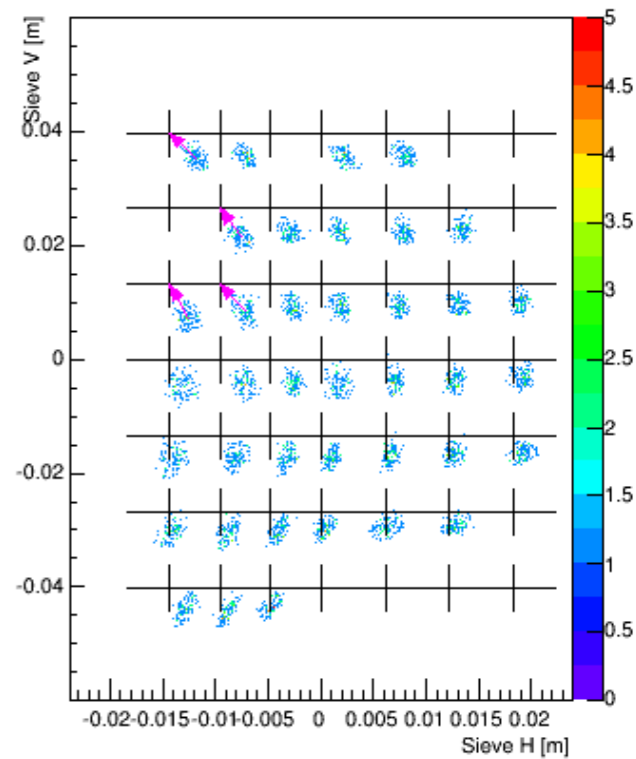
-2%



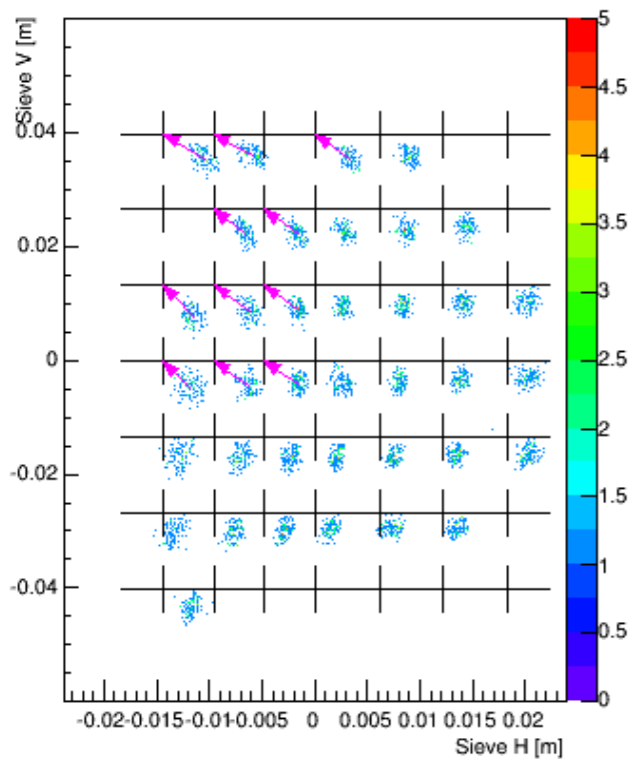
-1%



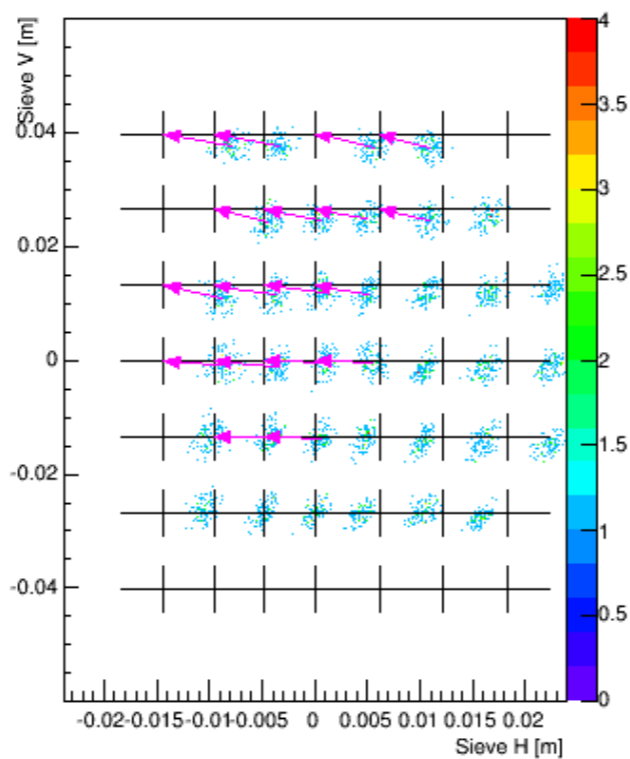
0%



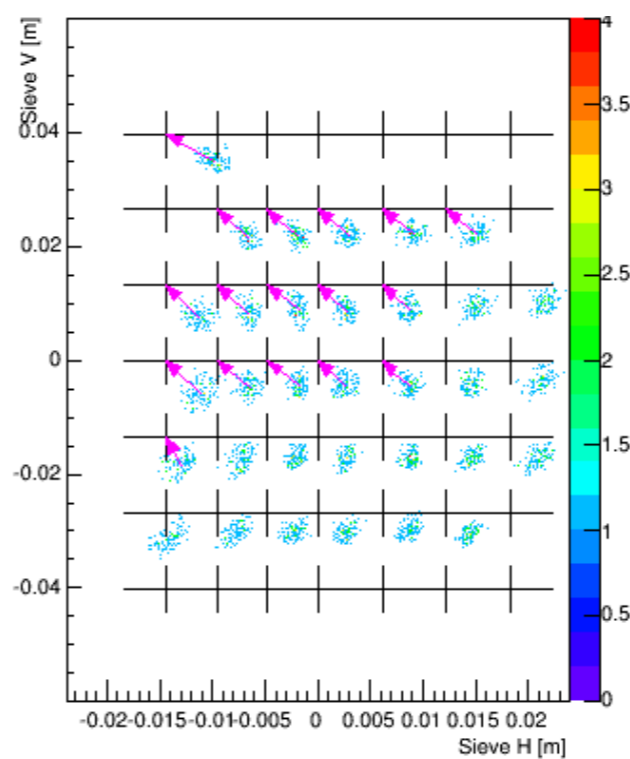
1%



2%



3%



Use the matrix to replay 1.706GeV data

# First Order Matrix

$$\varphi_{tg} = P_{0000} + P_{1000} x + P_{0100} \theta + P_{0010} y + P_{0001} \varphi$$

$$\begin{aligned} \varphi_{tg} = & -3.46e-3 \\ & + 1.15e-2 x + 1.16e-1 \theta - 7.68e-1 y + 6.31e-1 \varphi \end{aligned}$$