

HyCal GEM position Match

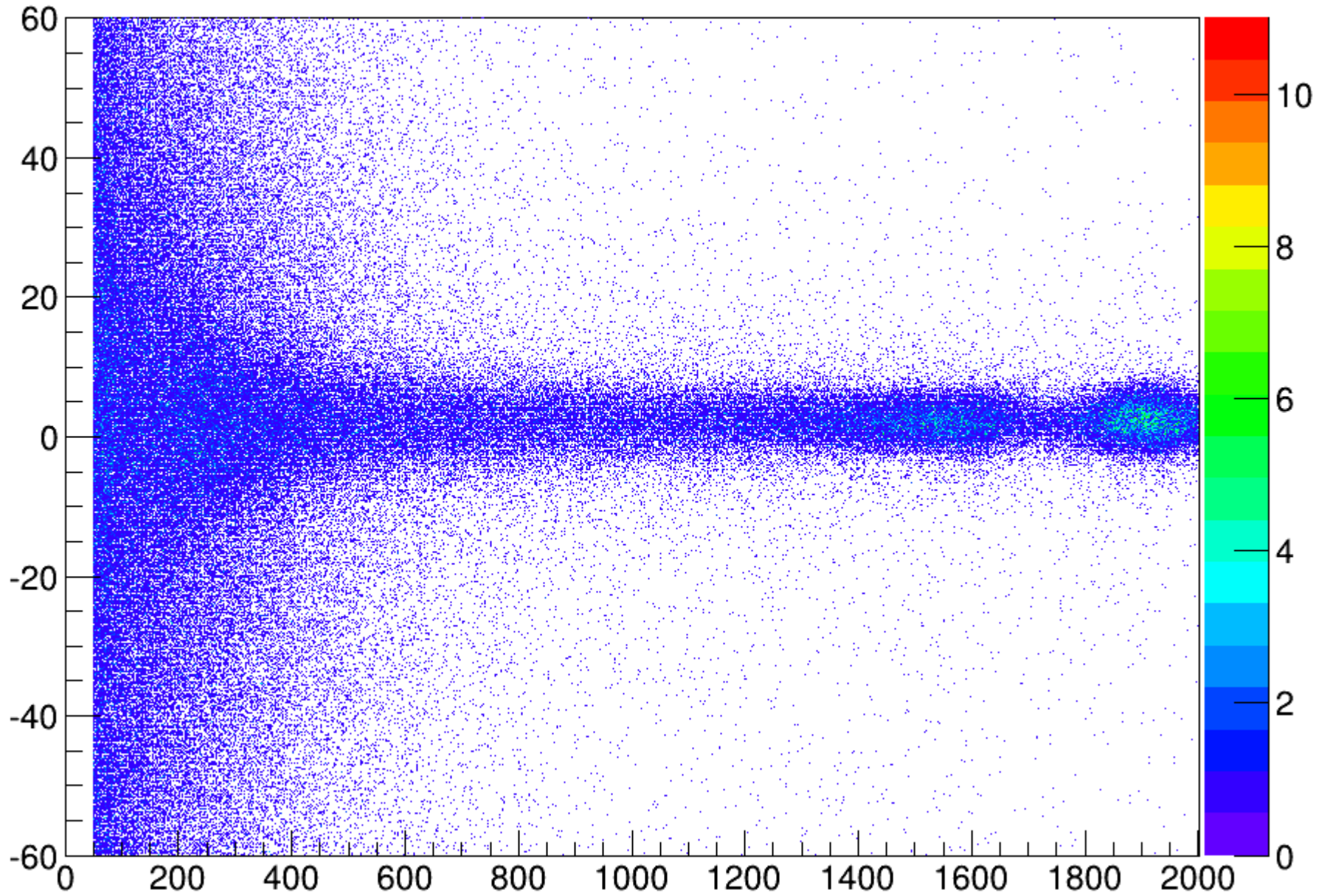
For each cluster on HyCal, loop over all clusters on GEM.
Find the minimum absolute value:

$$x_{gem} - x_{hycal}, y_{gem} - y_{hycal}$$

If minimum value bigger than 60mm, → no match

x diff. vs energy

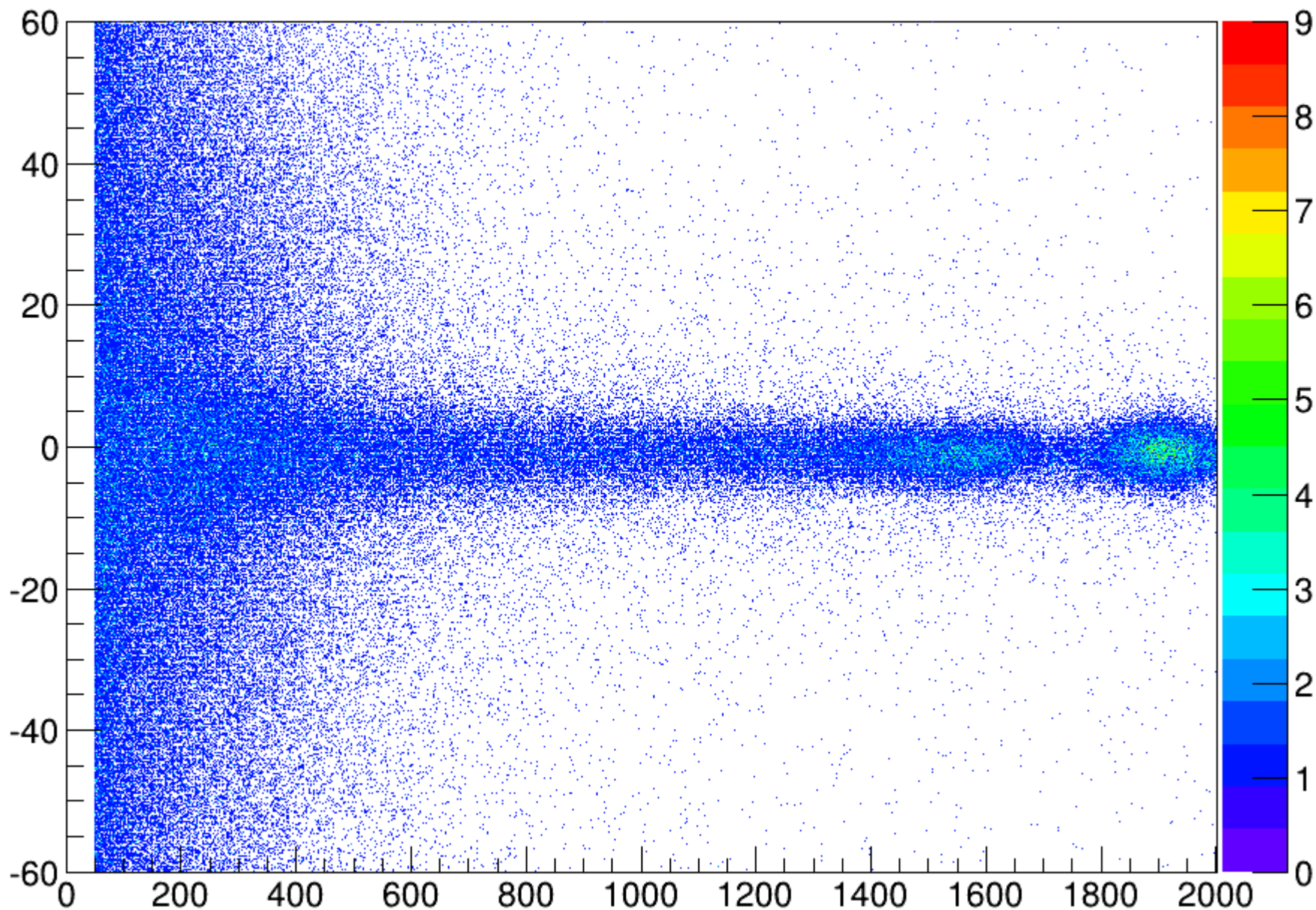
Difference



Energy

y diff. vs energy

Difference



energy