

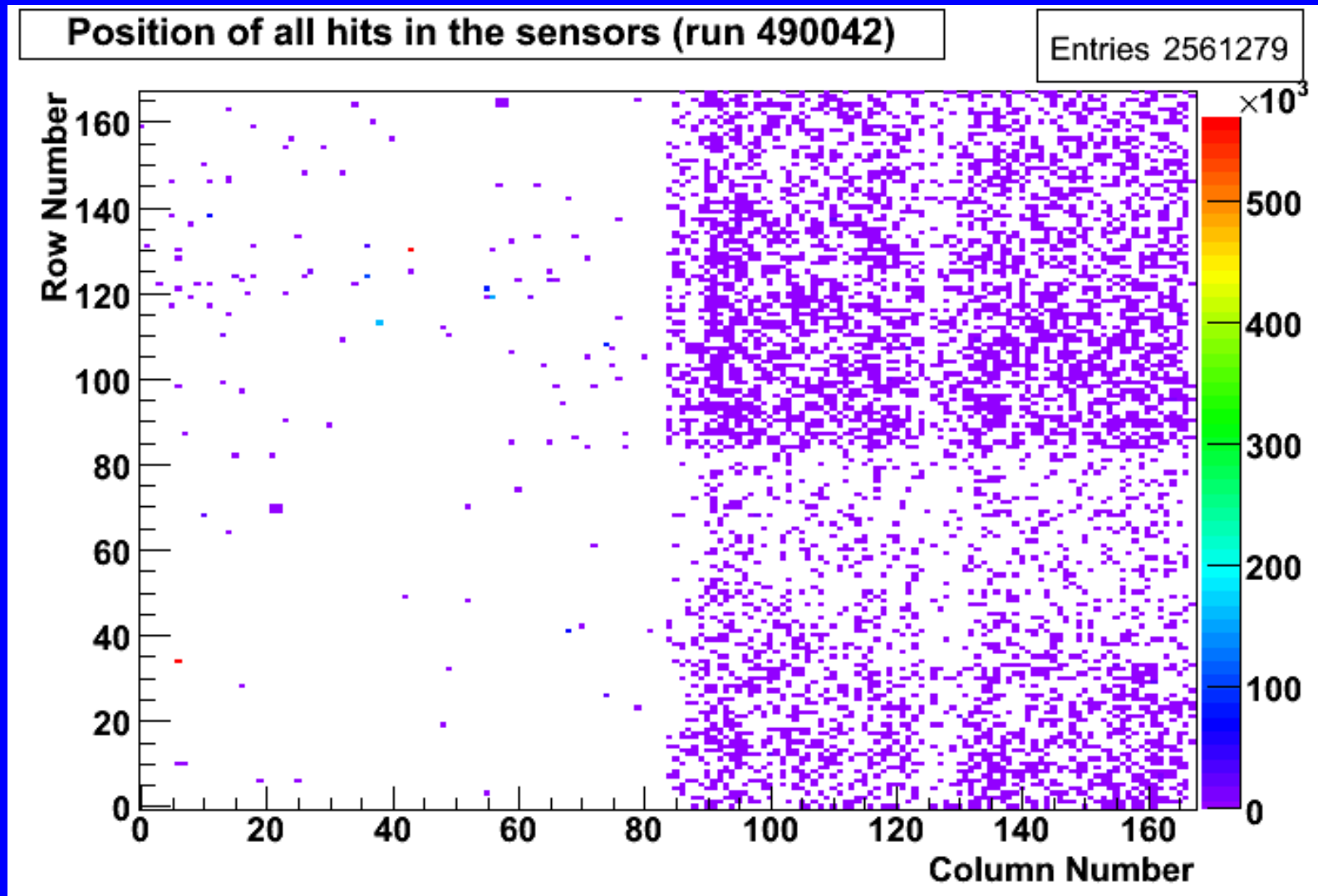
# New cluster selecting function for MpsAnalysis

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# How it works:

- The function takes as input vector containing all the hits in a single sensor during a single bunch train.
  - The function cycles over all of those hits and stores them in a 2D array (at present the function assumes the sensor is 168 pixels by 168 pixels or smaller).
  - Once the array is filled the function cycles over all the hits again, using the array as a reference the function selects those hits which have hits recorded in adjacent pixels.
- Selected hits are recorded in the output vector, all other hits are discarded.

# Unmodified data from run 490042



# Filtered data from run 490042

