



# dE/dx distributions in Run-2 golden datasets

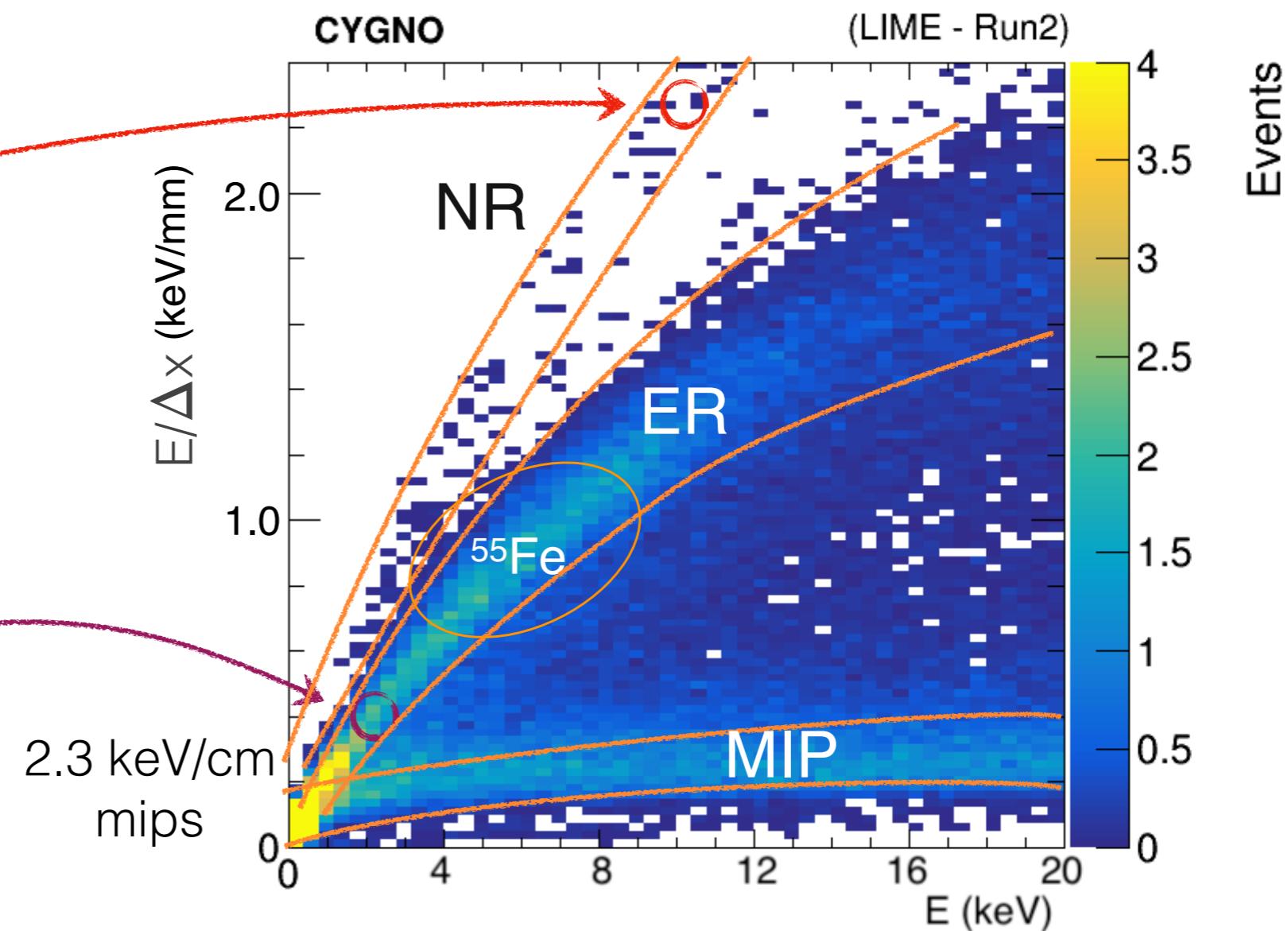
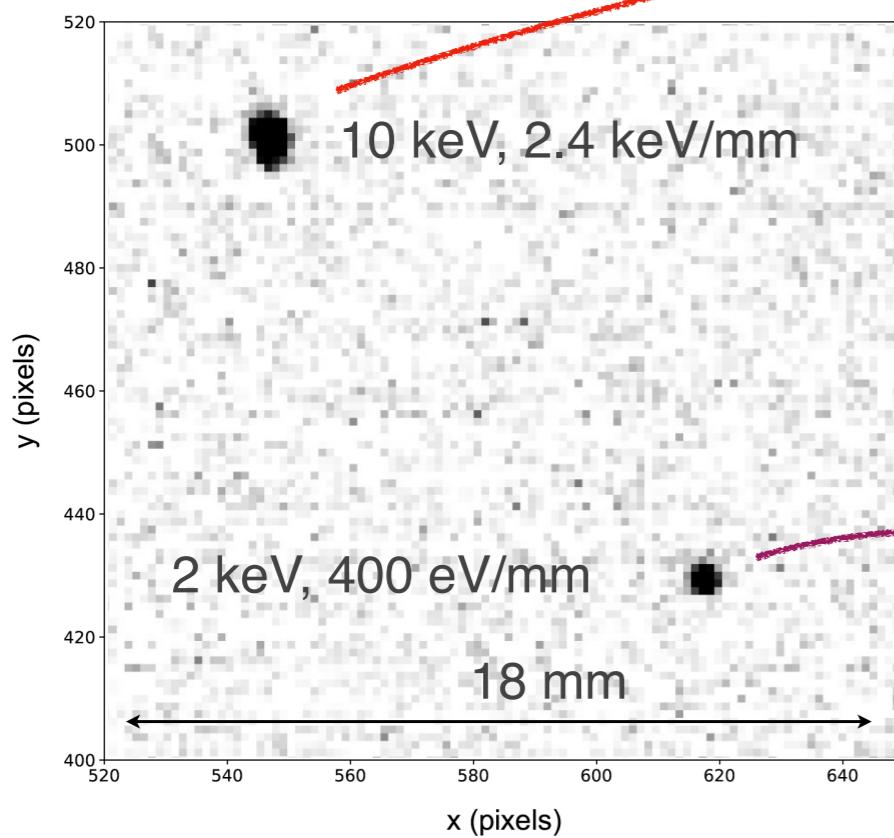
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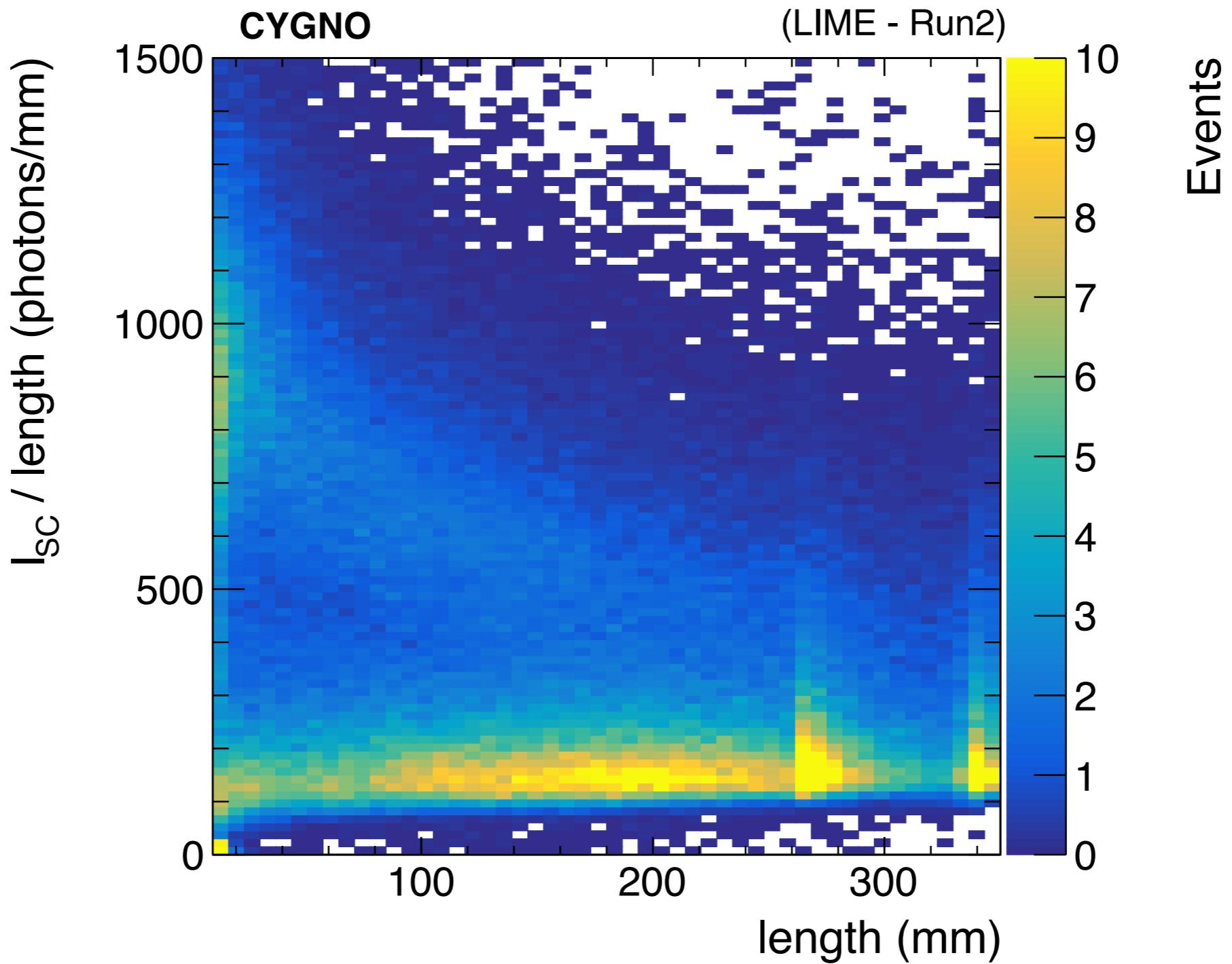
Reconstruction & analysis meeting, 27 April 2023

- Cluster energy / cluster length in clusters loosely selected in Run-2 data
  - Try to wildly infer the nature of the 3 populations with different energy  $dE/dx$
  - It needs to be possibly studied with simulation

$E/\Delta x$  variable can be used to have a first look to discrimination power



- Same data, but vs length



*The End*