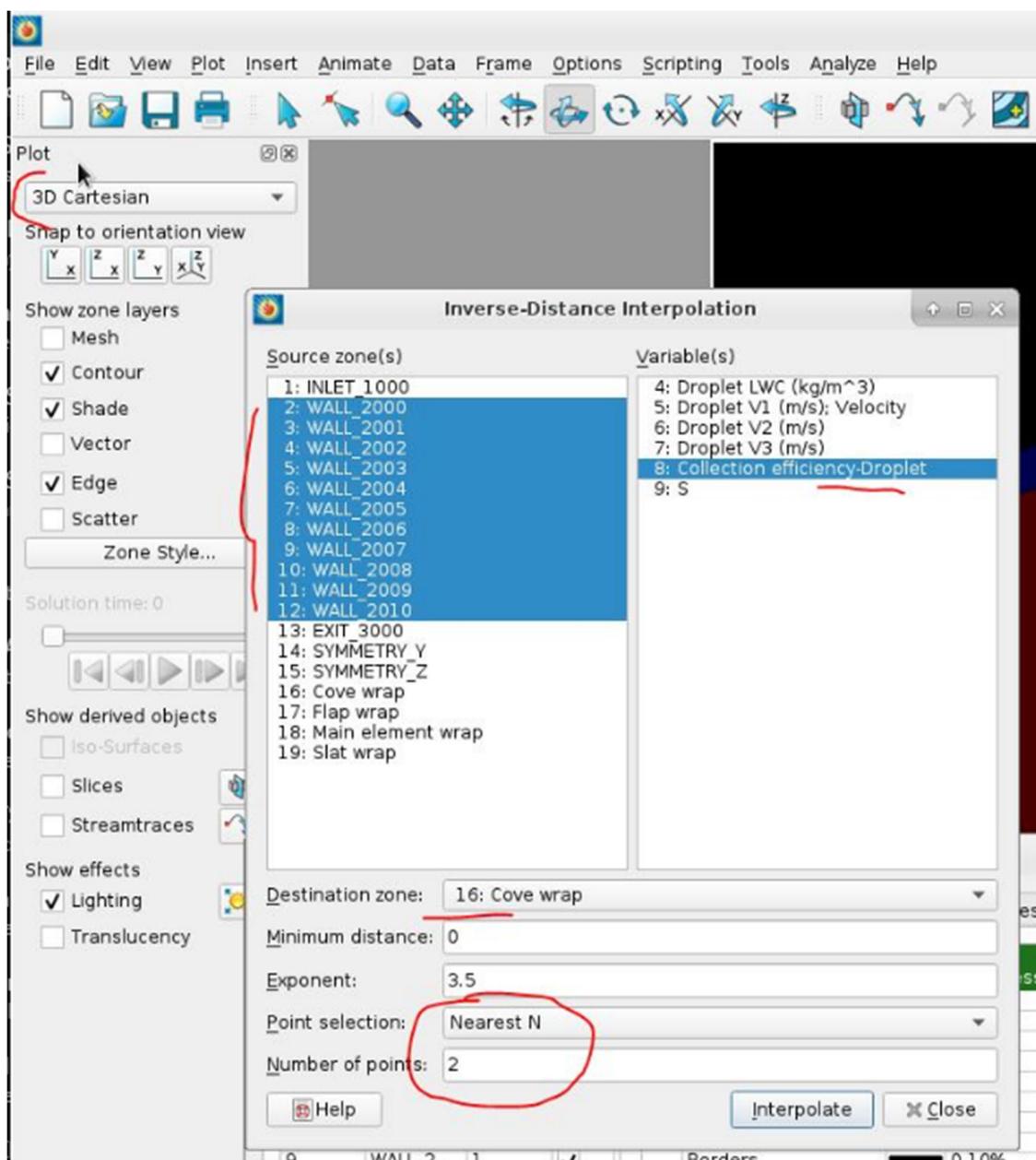


The X Y Z listed in the data files correspond to the provided grid files, including any AoA built-in to the geometry. To interpolate from the mesh onto these wrap lines:

1. load 3D data set with grid/solution in Tecplot
2. load the related wrap data files
 - a. add new variables like S, X/C, X-body to the overall set when asked
3. While in 3D mode, go to Data / Interpolate / Inverse-distance...
 - a. Linear interpolation is not reliable, depending on the mesh and precision the target may fall out of the volume and get 0 for the value. So we have to use Inverse distance
 - b. choose the wall boundaries as source zones
 - c. only choose collection efficiency and / or Cp to interpolate (do not choose x, y, z, s, x/c, x-body, etc...)
 - d. Choose the destination zone as one of the new data sets loaded as the wrap lines
 - e. set Point selection to Nearest N
 - f. Number of points = 2
 - g. interpolate and repeat for the other wrap data sets (flap, main, cove, etc..) for the three element airfoil in tunnel, it looks like this:



Once done, the XY data plots look nice like:

