

Question to Lau Gatignon (CERN -liaison physicist and beam expert):

<< do you by chance have an order of magnitude estimate of "how parallel" the T9 beam is, when we choose the quadrupole settings for a parallel beam at say 4 GeV ? >>

Answer:

<< It is of course not nearly as parallel as the H8 in microbeam mode, when specially and carefully optimised for parallelism by 4 beam physicists.

It depends on collimators and beam momentum. **The order of magnitude is half a milliradian RMS**, probably a bit larger in horizontal and smaller in the vertical plane.

It is low energy..... >>