

FLUKA studies

Phase II

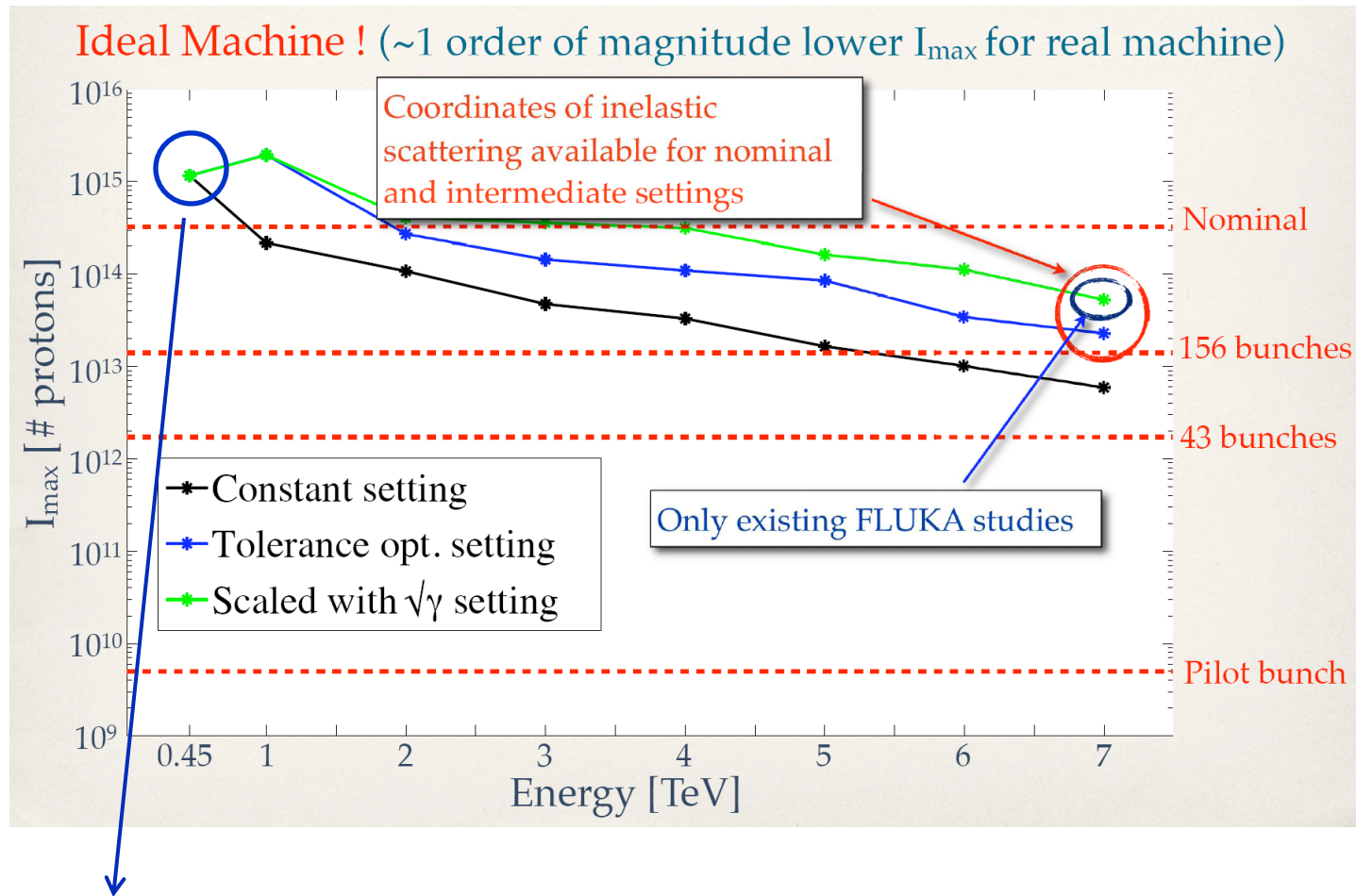
- scenario: nominal losses for GlidCop TCSMs

Alessandro provided by Luisella with the TCSM.A6L7.B1 power deposition map
(for 2 different support designs) ACTION DONE

- agreed loss maps made kindly available by Chiara, thanks INPUT AVAILABLE

- i. mixed case (CFC jaws for horizontal TCSM and metal jaws for vertical and skew TCSM)
- ii. tilted jaws

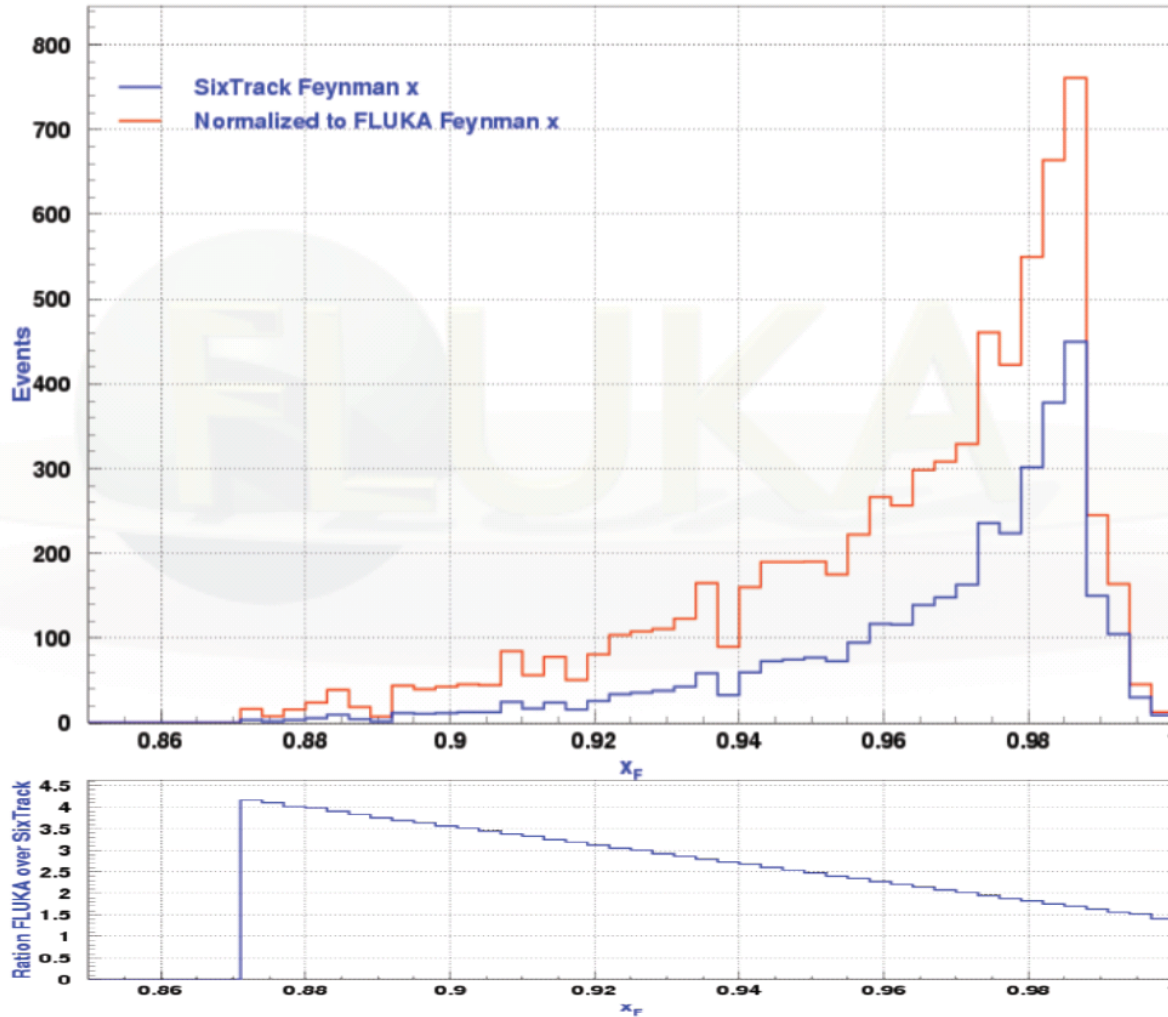
Phase I past studies



at injection energy as well: see LHC Project Note 423

(M. Magistris, M. Santana Leitner, R. Assmann, C. Bracco, M. Brugger, F. Cerutti, A. Ferrari, S. Redaelli, V. Vlachoudis)

Single diffractive!

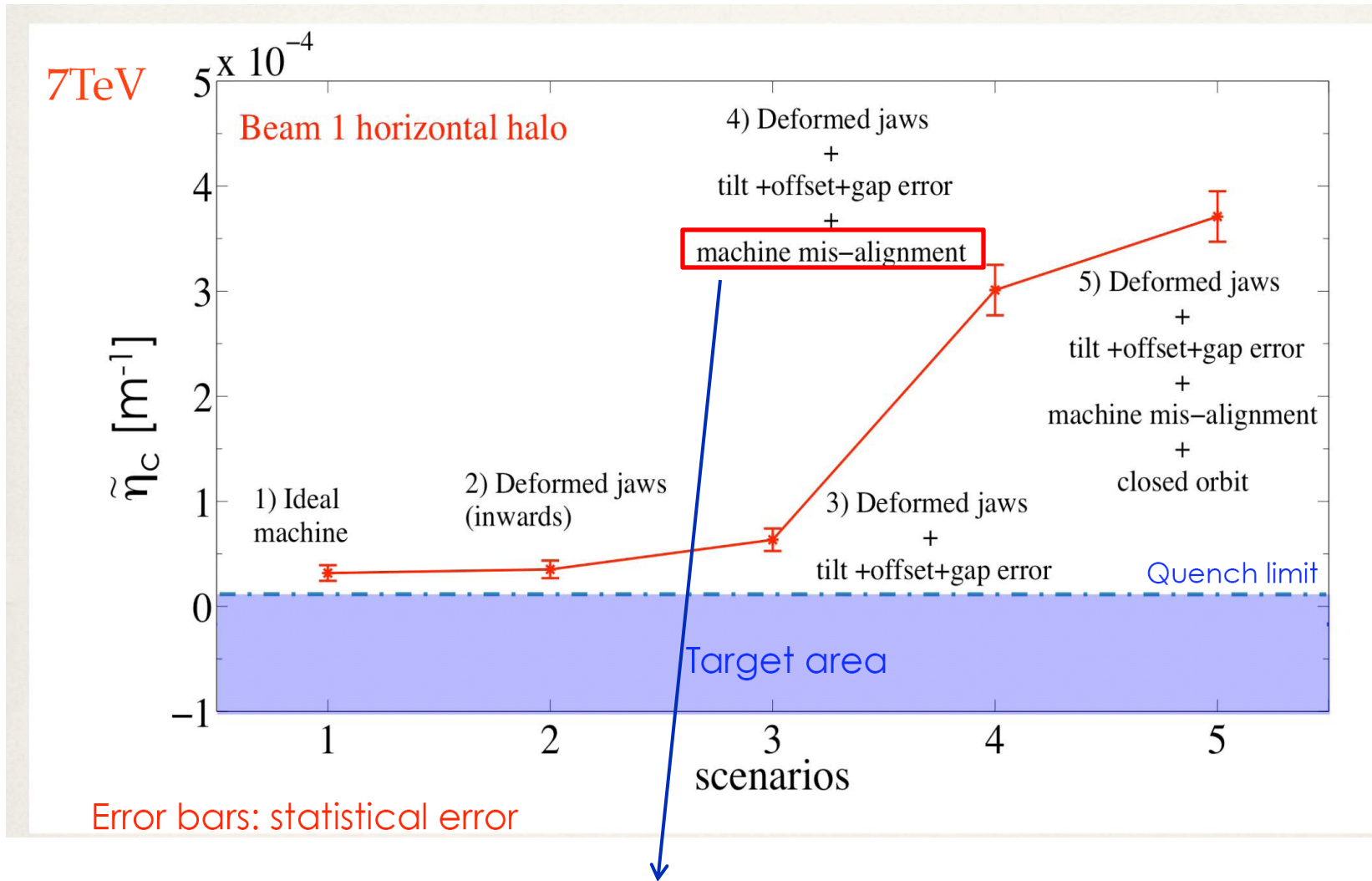


+ p_t effect!!

we need to have single diffractive in (flagged) and to be able to identify their further interactions (in principle to skip) other input at present of no use

particle ID in the loss maps?

Imperfections



what about a scenario with machine mis-alignment and no jaw deformation?