Laser Alignment System for Track-based Alignment

Beam-fit Results with CRAFT Data

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Status

stand-alone producer:

- reads root-file
- makes fit of LAS beams (TECs and Alignment Tubes)
- returns fit parameters, fitted hit positions, ...

shown today:

- hit distributions and residuals of LAS CRAFT data
- aligned geometry used (Aachen: MP_step1_of_Adun2)
- uncorrected beam model used (no BS kinks, AT movements)

next steps:

- make an alignment with MillePede
- make it a CMSSW plugin









