

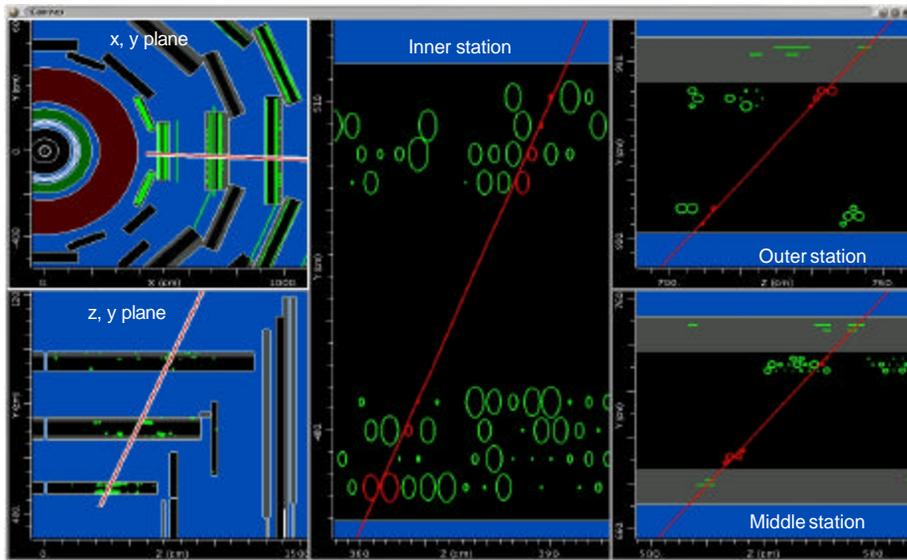


Moore: Status and Plans

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ATLAS Muon Week, CERN
28 August 2001

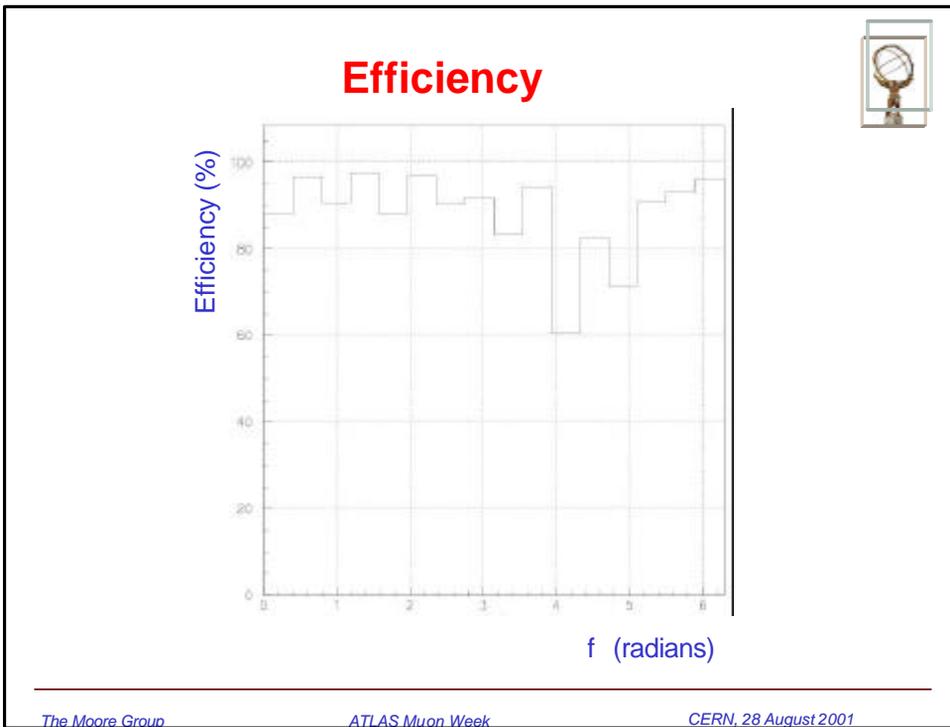
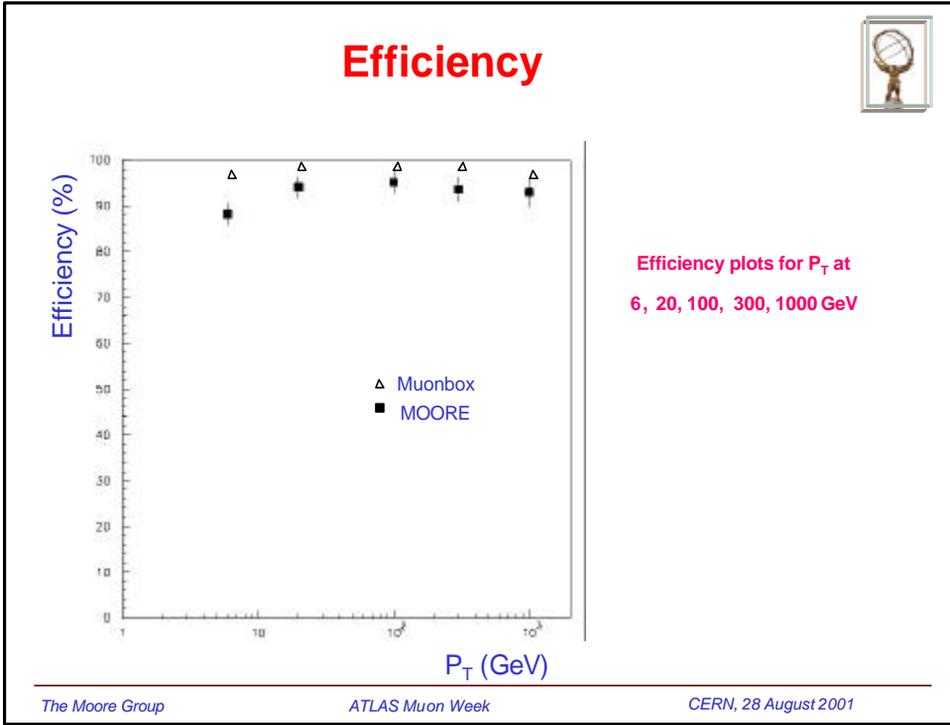
Pattern Recognition: Track Finding



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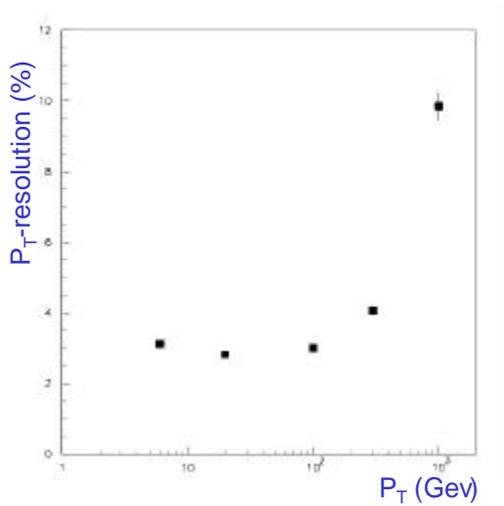
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Resolution



Resolution plots for P_T at 6, 20, 100, 300, 1000 GeV



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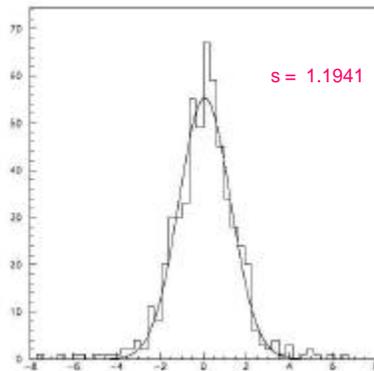
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Pull of $1/P_T$

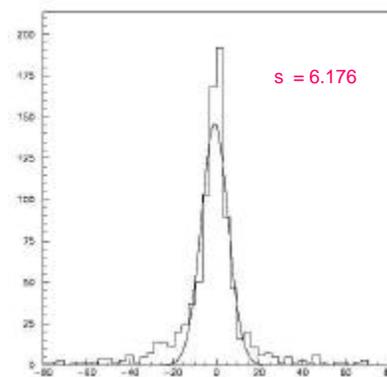


pull = difference between the reconstructed and true values normalised to the error on the reconstructed value.

$P_T = 1000$ GeV



$P_T = 6$ GeV



The error on $1/P_T$ pull is due to the material

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Plans



- Release the code documented.
- Need Magnetic Field service in Athena
- Look into using the Level-1 simulation code directly.
- Need to get the material description
- Need SKIP/PICK in Athena jobOptions
 - To debug special events that cause failures.
- Still plan to use Cobra fitting
- Exploring Graphics with Atlantis and continue with GraXML