PROJECT MEETING

Px395 Goss Section Notes from Standard Model fx425

22/10/2020 23/10/2020

σ = 1 nint to nt

= flux of mounty patieles \$ = fly = # publicles type p / time I wear

nint = interaction rate per tweet particle

nist = # interactions t = time nt = tryet publicles

Monitoring Interview

26/10/2020

START THINGS EARLY

Possible to start withing soon - advice

"The thing that captures the render most of all is the introduction"
" where we are k where we're heading"
"Sound like an authority"

Especially record details about background readily.

"Work book is make skepping store for Keart"

Ain to build a template can use for my brackes late on when necessary branches specified.

As in measured "2" directory, 2 simulated directory has mup- know_ PT, ETA, PHI

Z measured = 5840 entries in tree Z simulated = 338926 entries Make code using just measured 2 more efficient Thorestz Vector, set It Eta Phi E

2) Make plot look nie -> Test matplotlib in X260 -> Ash Rosm. -> Else work out Root memod

& Hormany 2 smulated extres? -> 338926 V

(4) Add simulated data.

iles

=> O created working esticient python code *

testing matplothis > inhochised numpy as needed array

* Muss 2 => Mrss 2 const.

did not work - ASK Rown what code on GitHub

(F) mum_ETA does not exist in simulated data > what is mum-born-PT mum_dressed-PT

· Stack histograms with TH8Tack.

Style soft: "Scat" = Scatter plot
"E" = draw smooth curve hough historian bins

5.8,6 - Line, B'U, lext 5.8.7 - The marks 5.8.8 = LABEL AXES .] 5.8.5 = Stats box

when Dehning title "Histogram Little; Xaxis" Yaxis"

After difficulty tomslating ROOT commands from C to postner, considerly main over to C.