MINUTES OF THE 124th MEETING OF THE ENERGY CALIBRATION WORKING GROUP

held at CERN on March 21, 1997

Statistics checks on BOF fills(G.Wilkinson)

Guy tried to estimate what is the spread to be expected between the rise models and any subsample of fills similar to the 6 BOF-EOF calibration fills. He did so by picking any 6 fills out of the 1995 fills which had length larger than 4 hours and then studied how the model compares with the NMR readings. He limited himself to 5000 combinations.

His conclusion is that the rms of the residuals (predicted-observed rise) is 0.5 MeV: hence the observed discrepancy with the 6 BOF-EOF fills is a 2σ effect.

More on dipole models (M.Koratzinos)

•Mike showed that the scatter spread (rms of residual model-EOF calibration) was around 3 MeV for both off peak points in 1993 and 1995 when using the 2D2T model.

Next meeting Apr.. 7th.

Scriba:Tiziano Camporesi