

1. HERA experimental overview of HQ Measurements:

1. Intro: Production of c and b at HERA, dominant mechanisms & diagrams, rates (0.5 page)
2. Open Charm differential measurements:
 - D^* golden channel tagging (0.25 page)
 - Photoproduction: with D^* , $D^* + \text{Jet}(s)$ (1 page)
 - DIS: with D^* , $D^* + \text{Jet}(s)$ (0.75 page)
3. Open beauty differential cross-sections:
 - Tagging with Muon and Jets (0.5 page)
 - Cross-Sections in photoproduction and DIS (1 page)
4. Charmonium, inelastic and elastic in photoproduction and DIS (2 page)
5. Charm and Beauty Structure function:
 - Definition of $F_2^{c\bar{c}}$, D^* Extrapolation, $F_2^{c\bar{c}}$ and $F_2^{c\bar{c}}/F_2$ vs x and Q^2 (1.25 page)
 - $F_2^{c\bar{c}}$ and $F_2^{b\bar{b}}$ with incl. vertex tagging (0.75 page)
6. Charm Fragmentation:
 - Fragmentation hardness measurement (0.5 page)
 - Fragmentation ratio measurements (0.5 page)
7. $Q\bar{Q}$ correlations with $D^*\mu$ (0.5 page)
8. HERA-II prospects (1.5 page)
9. Conclusions (0.5 page)

Not covered: Detectors, triggers, Spectroscopy, diffractive D^* , D^* Measurement of gluon density