

Future WG activities, context

- **Many 2010 analyses being finalized**
- **Many people moving to higher-Q physics**
- **Running conditions in 2011 not ideal for MB studies**

Future WG activities, points for discussion

● Possible extension to new topics, (in)directly related to MB&UE:

- jet shapes (related to UE issues), HT, plus other hard-qcd topics
- distributions in HI collisions (pt spectra, strangeness, particle correlations,)
- ...

● Further exploration of open issues (does it require new data beyond 2010? are these available??):

- characterization of large-multiplicity events (jets content, strange particle fractions, baryonic fractions, charged/neutral ratio, pt spectra, rapidity spectra, ...). Open questions:
 - what is the origin of these events?
 - is there a “phase transition” in the event properties as we move to large multiplicities?
- strangeness production:
 - studies of strange-fractions in different final state (MB; near, transverse and opposite sides in UE; jet events; ...)
- relation between central and forward production properties
- definition of σ^{inel}
- ...

● Define final deliverables of the WG:

- Comprehensive report on MB&UE properties? Could contain, among all the rest, the “common plots”
- Validation of the “multiple-parton-interaction” picture of MB and UE?
- Validation of models for diffraction?
- Benchmark predictions for 14 TeV?
- ...