Winter 2009 MC runlist reccomendations

Nathan Goldschmidt

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Current runlists

period	runlist	L_{int} [fb]	ratio, p10-12	cor.
p0-p8	low-lumi (nominal)	1.192	1.49	6.72
p0-p8	low-lumi (rescaled)	8.0	10	1
p10-p12	medium-lumi	0.8	1	1
p15-p17	high-lumi	2.4	3	1

- L_{int} corresponds to samples w/ 1 event per $nb^{-}1$
- New “low-lumi” samples are to be generated w/ rescaled p0-p8 runlist
- When adding “medium+high” lumi MC to existing “low-lumi” (nominal) samples, generate 40% of existing p0-p8 statistics

Runlists for Winter 2009

- These are all linked on the MCProduction tiki page: http://www-cdf.fnal.gov/tiki/tiki-index.php?page=MC+Production+How+To+Page
  - `runlist_p0-p8_nominal_2008-12-17.txt`
  - `runlist_p0-p8_rescaled_2008-12-17.txt`
  - `runlist_p10_p12_2008-12-17.txt`
  - `runlist_p15-p17_2008-12-17.txt`

instructions

Which runlist should be used?

- Desired ratio:

$$n_{0,8} : n_{10,12} : n_{15,17} = 10 : 1 : 3$$

- new samples:
  `runlist_p0-p8__p10_p12__p15_p17_2008-12-17.txt`
- existing low-lumi samples:
  `runlist_p10_p12__p15_p17_2008-12-17.txt`
  $n_{events} = 0.4 \times n_{0,8}$
- existing low+med-lumi samples:
  `runlist_p15_p17_2008-12-17.txt`
  $n_{events} = 0.3 \times n_{0,8}$
- click for Charles' notes on high-lumi runlist