

## News 5 Apr 01

general users should use t01.39.00 or p08.07.00 (both run without crashing)

### t01.39.00

exe exists and runs without crashing, includes following improvements:

- capability to output MET chunk (Z. Wang)
- scalar ET added (Z. Wang)
- fix to pythia libraries
- kinem -> kinem\_util
- bug fix in filling generator-level vertex information
- bug found in routine that extrapolates tracks through the magnetic field that caused a crash (Shawn Kwang).
- option in pmcs\_setup.rcp (printevtnum) to allow printing of number of events processed. useful for debugging
- sam.bash redone to conform to current sam standards

however, bug reports from Florencia and Shawn regarding  
pmcs\_em

Florencia sees 2 electrons in 1 electron events.

next release

add in new SAM libraries

have received first version of muon code from Georg. This may go  
in.

problem seen by Shawn p08.05.00

pythia Z->ee events

common example: event with 2 electrons, one with  
pt=44, phi=5.97, the second with pt=46, phi=5.98