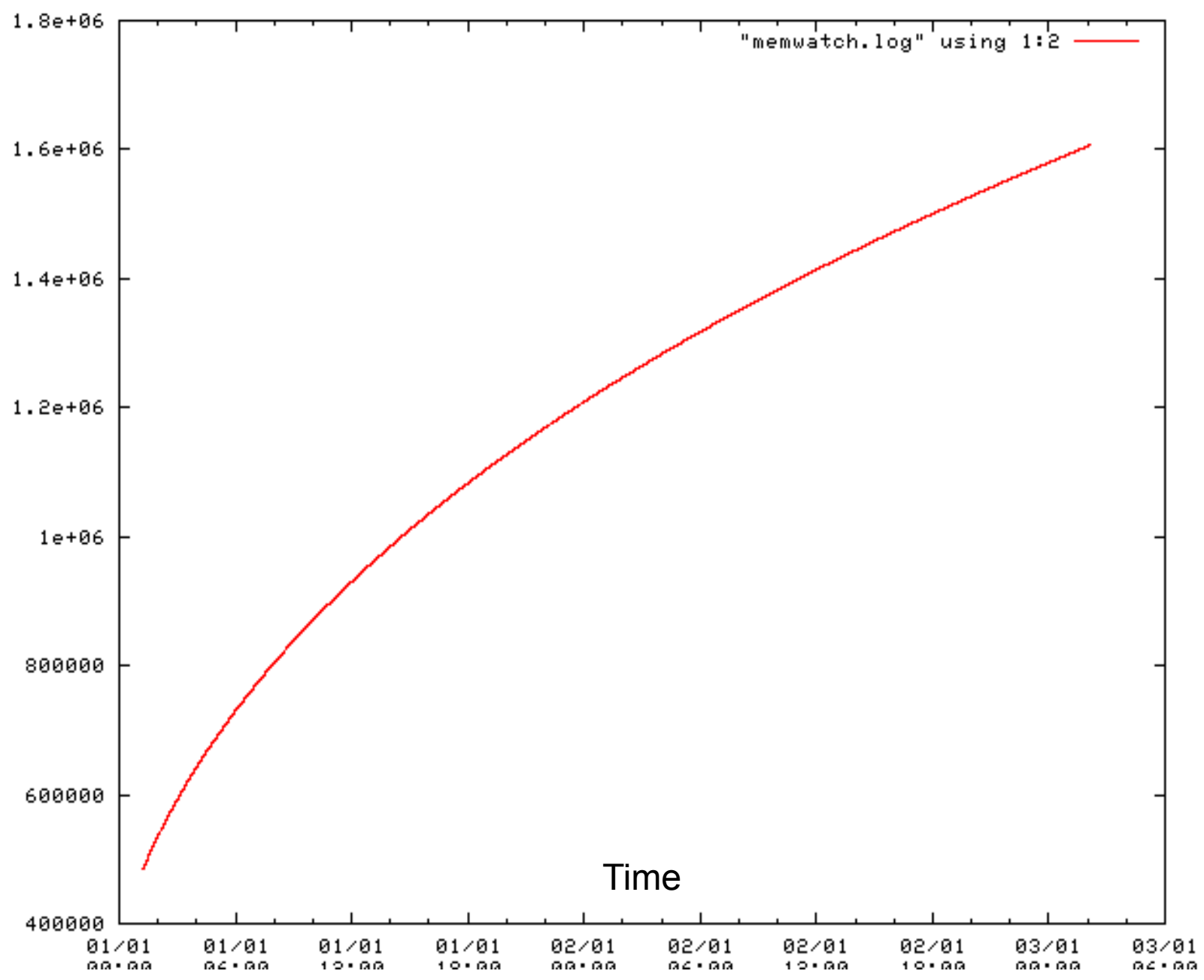


Patterns-from-const jobs

- We now save multiple patterns per MC
- Discovered that 2GB limit reached at 70M (?)
 - There was a memory leak in patterns-from-const
 - Fixed, but not in CVS yet
- Now, can run with virtually unlimited #MC tracks
 - Next page: memory-vs-time with 300M MC
- Need to look at bank 5, for which autotune fails
 - Generation goes extremely slowly
 - Probably due to manually specified MC range

RAM, Gb

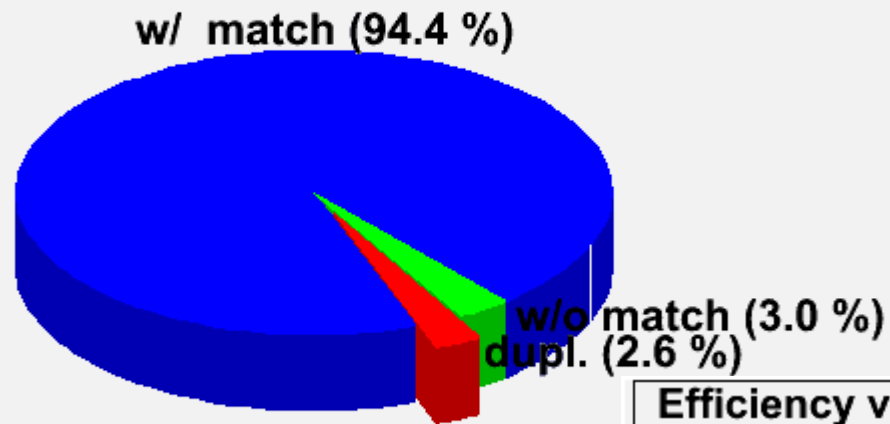


3rd day running – and only 1.6 GB

Banks

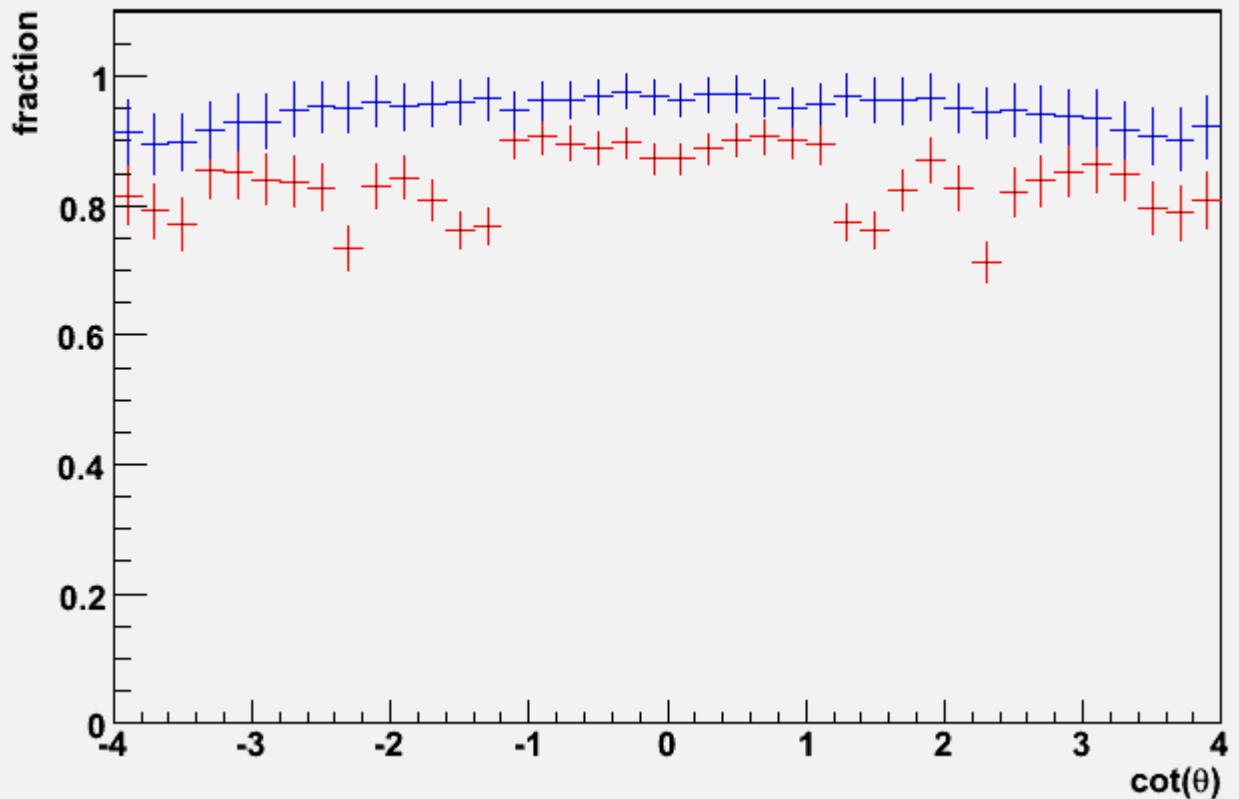
- Sectors (with 15 track cut)
 - 85k / region
 - Coverage: 95.1% - 95.8%
 - >16k patterns in the busiest sectors
- Patterns (from constants+pattgen), no cut
 - 90M / region; each subregion is 1.6GB
 - Coverage: 91%
- Patterns, without 1-track patterns
 - 50M / region; each subregion is 0.9GB
 - Coverage: 85%
 - Bank 5 is somewhat smaller (0.7GB / subregion)

Fakes Summary



Independent sample of single muons

Efficiency vs Cot(θ)



IP resolution in Pt bins

