

MC Production. AMS Computing

◆ Urgent Needs :

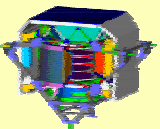
improve networking topology

gigabit switch will be installed before end of Jan

Dr.Wu Hua (SEU) started to work on Network Monitoring

dedicated batch, web, production server

evaluate the market the order will be placed Q1 2004



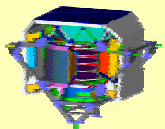
MC Production

Period 2004A Started Jan 14, 2004

Days of running	7
Institutes	12
Nodes	81
Eevents Requested	323M
Events Processed	81M
DSTs produced	328 (45GB)

<http://pcamsf0.cern.ch/mm.html>

<http://pcamsf0.cern.ch/cgi-bin/mon/rc.o.cgi?queryDB04=Form>



MC Production

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Vitali Choutko, Alexei Klimentov

AMS Computing MC production

AMS MC Production Status

Page Update : Wed Jan 21 17:50:12 2004 Last DB Update : 21/1/2004 17:38:59

Normal	Warning	Error	NoUpdate	Obsolete
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MC02 Production Sets

ID	Name	Begin	End	Status	Version
5	2004A	13/1/2004 10:10:0	->	Active	v4.00/build114/os2

MC02 Jobs

Jobs Started	Jobs Finished	Jobs Failed	Jobs TimeOut	Events Requested	Events Processed	Total NTuples	Size [GB]	Last Update
237	195	107	0	322.72M	80.91M	328	45.5	6.0 days Wed Jan 21 17:38:59 2004

MC02 Datasets

Dataset	Events Requested	Events Processed
protons	279.55M	70.18M
He	6.28M	5.92M
electrons	14.31M	1.83M
positrons	140.00K	0
deuterons	0	0
aprotons	16.92M	980.33K
C	130.00K	0
gamma	5.40M	2.00M
electrons.nomf	0	0



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AMS Computing MC production

AMS-02 MC Database Query Form

This is an interface to the AMS MC02 Remote/Client Database All comments (to alexei.klimontov@cern.ch, vitali.choutko@cern.ch) appreciated (items in **tomato** are not implemented yet). Basic query keys are in **green**, advanced query keys are in **blue**.

■ Catalogues are updated nightly.

Datasets	positrons
Template	<input type="text" value="generate positrons from 3.9m cube top plane ecal focused (log spectrum) 200-4000 gev"/>
Job Parameters	Trigger <input type="text" value="TriggerLVL1"/>
	Momentum min >= <input type="text" value="1"/> [GeV/c] : valuable only if template
	Momentum max <= <input type="text" value="10000"/> [GeV/c] : type is ANY

Output : Full Listing Only run numbers; Only file names; Summary ROOT Analysis Filename

[Return to MC02 Query Form](#)

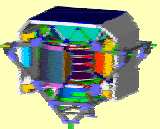
controls

24/8 Bit	Algorithms
Windows	Image Size

AMS Computing and SW splinter meeting (Agenda)

Salle B (61-1-009) 2pm Jan 22, 2004.

- ◆ AMS Analysis and Scripting Languages J.Alcaraz
- ◆ Electronic logbook A.Elin
- ◆ SW status and MC production ALL
- ◆ AMS-02 LVL3 database M.Boschini
- ◆ Datatransfer book-keeping M.Boschini



MC Production (problems)

◆ MC sites

- Many CRC and validation failures
- Incorrect exe version
- Problems with filetransfer (?)

◆ CERN

- External access to AMS DB
- NFS disks I/O error
 - ◆ New network topology end Jan , A.Elin, A.Klimentov
 - ◆ pcamsf6 disks rearrangement

