

Data/MC organization

Root Files Description

- [v4](#)
- [v5](#)

Overall Data Path Structure for root (MC raw) files

PREFIX / DataMC /AMS02/ PP / DataSet / Template / SDIR / Run. FirstEvent .root (Run .raw)

Where

PREFIX is DisksNameSOC or root://castorpublic.cern.ch///castor/cern.ch/ams or /afs/cern.ch/ams/Offline/DataSetsDir (softlink for root files only)

SDIR is present only in softlinks due to afs limitations in the form of : $SDIR = \text{int}(Run / 1000000) * 1000000$

example:

```
/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.vdev/pass2/1310000000/1310389125.00000001.root  
-> /fc03dat0/Data/AMS02/2011B/ISS.vdev/pass2/1310389125.00000001.root
```

DataMC is Data or MC

PP is Production Period YYYYA or YYYYB the YYYY is year A corresponding v4.00 production software B v5.00 one (featuring PERUGIA tracker software)

DataSet is DataSets Name

Template is JobTemplates name

Example:

```
/fcdat1/MC/AMS02/2011B/protons.v5/pr.ecal.400/939528726.00000001.root
```

How to Get Data path:

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?queryDB04=Form>

How to access files via castor and/or eos

<https://twiki.cern.ch/twiki/bin/view/AMS/CastorEOS>

Overall Data Path Structure for Data Raw files

softlink at /afs/cern.ch/ams/Offline/RunsDir/SCI/ *SDIR* / *run*

where *run* is Run Number

Example

```
/afs/cern.ch/ams/Offline/RunsDir/SCI/1333000000/1333596634
```

How to access

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&DataFileID=1302188908&getDataFileID=Submit&DataFileT>

Data Types in AMS

<http://indico.cern.ch/getFile.py/access?contribId=12&resId=1&materialId=slides&confId=126114>

Data/MC Production News

20-Apr-2018 - 15-Jun-2018 - 23-Feb-2019

ISS.B1130/pass7

AMS Data since launch till 12-Nov-2017 (period 1), 13-Nov-2017 to 28-May-2018 (period 2), 28-May-2018 to 02-Jan-2019 (period 3).

Period 1 produced by B1100_patches (build 1131/1132) release

RUNMIN=1305853512

RUNMAX= 1510526121

(TTCS OFF period excluded)

Period 2 produced by B1100_patches (build 1132) release

RUNMIN=1510527533

RUNMAX=1527490046

Period 3 produced by B1100_patches (build 1132) release

RUNMIN=1527491457

RUNMAX=1546404002

(TTCS OFF, i.e. Tracker Configuration A & B periods excluded)

http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPartD=ISS.B1130_v5.02&queryDB04=Continued

/eos/ams/Data/AMS02/2018/ISS.B1130/pass7/*.*.root

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2018/ISS.B1130/pass7/*.*.root

/castor/cern.ch/ams/Data/AMS02/2018/ISS.B1130/pass7/*.*.root

25-Feb-2015 - 03-Mar-2015 - 24-Jul-2015 - 28-Dec-2015 - 22-Jun-2016 - 22-Dec-2016 - 17-Jun-2017 - 28-Nov-2017

ISS.B950/pass6

AMS Data since launch till 29-Sep-2014 (period 1), from 28-Nov-2014 to 26-May-2015 (period 2), from 27-May-2015 to 27-Nov-2015 (period 3), from 28-Nov-2015 to 26-May-2016 (period 4), from 27-May-2016

Overall Data Path Structure for Data Raw files

to 26-Nov-2016 (period 5), from 27-Nov-2016 to 12-May-2017 (period 6), and from 12-May-2017 to 12-Nov-2017 (period 7).

Period 1 produced by B900_patches (build 950) release

RUNMIN=1305853512

RUNMAX=1411991495

Period 2 produced by B900_patches (build 954) release

RUNMIN=1417187199

RUNMAX=1432676359

Period 3 produced by B900_patches (build 959)

RUNMIN=1432677725

RUNMAX=1448664052

Period 4 produced by B900_patches (build 959)

RUNMIN=1448665464

RUNMAX= 1464299568

Period 5 produced by B900_patches (build 959)

RUNMIN=1464300980

RUNMAX= 1480199980

Period 6 produced by B900_patches (build 960)

RUNMIN= 1480201390

RUNMAX= 1494599304

Period 7 produced by B900_patches (build 961)

RUNMIN= 1494610395

RUNMAX= 1510526121

http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPartD=ISS.B950_v5.01&queryDB04=Continued

/eos/ams/Data/AMS02/2014/ISS.B950/pass6/*.root

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2014/ISS.B950/pass6/*/*.root

/castor/cern.ch/ams/Data/AMS02/2014/ISS.B950/pass6/*.root

23-Sep-2015

BT.B954

Aug 2010 Beam test production with B900_patches release (build 954)

/eos/ams/Data/AMS02/2014/BT.B954

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2014/BT.B954

/castor/cern.ch/ams/Data/AMS02/2014/BT.B954 [not complete yet]

6-Aug-2015

ISS.B950/pass6_ttcs_off

AMS Data between 29-Sep-2014 and 28-Nov-2014, when the TTCS system was off and part of the tracker is off.

RUNMIN=1411995797

RUNMAX=1417184590

Data is produced by B900_patches (build 954) release

/eos/ams/Data/AMS02/2014/ISS.B950/pass6_ttcs_off/*.*.root

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2014/ISS.B950/pass6_ttcs_off/*.*.root

/castor/cern.ch/ams/Data/AMS02/2014/ISS.B950/pass6_ttcs_off/*.*.root [not complete yet]

29-Aug-2014 - **Current**

ISS.B900/std

First Production -all events

/afs/cern.ch/ams/Offline/AMSDatDirRW/DataManagement/DataSets/ISS.B900/std.job

Produced by B900_patches (build 918, 921, 926, 953) release.

BUILDNO	MIN(RUN)	MAX(RUN)
918	1411995797	1412147560
921	1412148814	1412283815
926	1412232333	1435039871
953	1435041280	

RUNMIN=1411995797

RUNMAX=

http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPART=Any&QPARTD=ISS.B900_v5.01&queryDB04=Continu

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2014/ISS.B900/std/*.*.root

/castor/cern.ch/ams/Data/AMS02/2014/ISS.B900/std/*.*root

/eos/ams/Data/AMS02/2014/ISS.B900/std/*.*root

21-Mar-2014 - 29-Aug-2014

ISS.B800/std

First Production -all events

/afs/cern.ch/ams/Offline/AMSDataDirRW/DataManagement/DataSets/ISS.B800/std.job

RUNMIN=1395385883

RUNMAX=1411991495

http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPART=Any&QPARTD=ISS.B800_v5.01&queryDB04=Continued

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2014/ISS.B800/std/*.*root

/castor/cern.ch/ams/Data/AMS02/2014/ISS.B800/std/*.*root

/eos/ams/Data/AMS02/2014/ISS.B800/std/*.*root

17-Mar-2014

ISS.B800/pass5

AMS Data since Nov. 26, 2013 till Feb. 28, 2014

produced by B800_patches (build 808) release

RUNMIN=1385485339

RUNMAX=1393550158

http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPARTD=ISS.B800_v5.01&queryDB04=Continued

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2014/ISS.B800/pass5/*.*root

/castor/cern.ch/ams/Data/AMS02/2014/ISS.B800/pass5/*.*root

/eos/ams/Data/AMS02/2014/ISS.B800/pass5/*.*root

07-Jan-2014

ISS.B700/photon

Superseding of ISS.B620/photon of AMS Data, Jul. 19 to Nov. 26, 2013

produced by B700_patches (build 711) release

RUNMIN=1374268692

RUNMAX=1385483969

http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPartD=ISS.B700_v5.01&queryDB04=Continued

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2014/ISS.B700/phonon/*/*.root

/castor/cern.ch/ams/Data/AMS02/2014/ISS.B700/phonon/*/*.root

/eos/ams/Data/AMS02/2014/ISS.B700/phonon/*/*.root

18-Dec-2013 - 31-Dec-2013

ISS.B700/pass5

All of the AMS Data Till Nov. 26, 2013

produced by B700_patches (build 707 708 709 710 711) release

RUNMIN=1305853512

RUNMAX=1385483969

http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPartD=ISS.B700_v5.01&queryDB04=Continued

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2014/ISS.B700/pass5/*/*.root

/castor/cern.ch/ams/Data/AMS02/2014/ISS.B700/pass5/*/*.root

/eos/ams/Data/AMS02/2014/ISS.B700/pass5/*/*.root

22-Nov-2013 - Terminated on 21-Mar-2014

ISS.B700/std

First Production -all events

/afs/cern.ch/ams/Offline/AMSDatDirRW/DataManagement/DataSets/ISS.B700/std.job

RUNMIN=1385027639

RUNMAX=1395394234

http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=ISS.B700_v5.01&queryDB04=Continued

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2014/ISS.B700/std/*/*.root

/castor/cern.ch/ams/Data/AMS02/2014/ISS.B700/std/*/*.root

13-May-2013

.B598.rd.B620

Simple rerun by the standard B620 software (B620_patches).

.B598.rd.B620dev

Rerun by the B620 software, with the new digitization.

.B598.rd.B620devext

Rerun by the B620 software, with the new digitization and new misalignments of L1,9.

22-Nov-2012 - 6-Dec-2012 -4Jan-2013-5-apr-2013-10 May-2013

ISS.B620/zg1

events with charge!=1 and tofbetapattern<5 (at least 3 tof clusters for beta measurement)

produced by B620_patches (build 623) release

/afs/cern.ch/ams/Offline/AMSDataDirRW/DataManagement/DataSets/ISS.B620/zg1.job

RUNMAX=1368949011 RUNMIM=1305853512

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=ISS.B620&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B620/zg1/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B620/zg1/*/*.root

28-Nov-2012 - 04-Dec-2012-04-Jan-2013-02-Apr-2013- 19 May 2013

ISS.B620/photon

events with up two trd track(s) ,without tracker track, one ecal shower with energy>2 Gev and ecal shower direction < 37^0 wr/ams z axis and tof beta pattern >0 (less than 4 hits used for beta calculation of any)

produced by B620_patches (build 623,629) release

/afs/cern.ch/ams/Offline/AMSDataDirRW/DataManagement/DataSets/ISS.B620/photon.job

RUNMIN=1305853512

RUNMAX=1368949011

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=ISS.B620&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B620/photon/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B620/photon/*/*.root

19-Nov-2012 - 22-Nov-2012-4Jan-2013-1-apr-2013

ISS.B620/2ecal

Addon Set of AMS Data up to May 19, 2013 Tracker alignment done

events with at least one and at most two ecal showers + trdtrack + beta +charge /no tracker tracks required/
/joined 2ecallow 2ecal2 ecal_nt streams/

produced by B620_patches (build 623,629) release

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B620/2ecal.job

RUNMIM=1347160405

RUNMAX=1368949011

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPART=Any&QPARTD=ISS.B620&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B620/2ecal/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B620/2ecal/*/*.root

8-Nov-2012 - 27-Dec-2012 - 28-Mar-2013 - 01-June-2013 - 02-Aug-2013 - 12-Feb-2014

ISS.B620/pass4

Full Set of AMS Data up to Nov 26, 2013

produced by B620_patches (build 620,621,622,623,629,631) release

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B620/pass4.job

RUNMIN=1305853512

RUNMAX=1385483969

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPART=Any&QPARTD=ISS.B620&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B620/pass4/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B620/pass4/*/*.root

/eos/ams/Data/AMS02/2011B/ISS.B620/pass4/*/*.root

05-Jan-2013 - 20-Jan-2013

ISS.vdev/vtx

Events with vertexes

produced by vdev (build 641) release

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.vdev/vtx.job

RUNMIN=1307000113 RUNMAX=1355349190

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPART=Any&QPARTD=ISS.vdev&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.vdev/vtx/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.vdev/vtx/*.root

18-Dec-2012

ISS.B620/std

First Production -all events

/afs/cern.ch/ams/Offline/AMSDataDirRW/DataManagement/DataSets/ISS.B620/std.job

RUNMIN=1355349191

RUNMAX=1385099907

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPart=Any&QPartD=ISS.B620&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B620/std/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B620/std/*/*.root

9-Dec-2012 11-Dec-2012

ISS.B620/unbias

unbias triggered events only

/afs/cern.ch/ams/Offline/AMSDataDirRW/DataManagement/DataSets/ISS.B620/unbias.job

RUNMIN=1305853512 RUNMAX=1351758512

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPart=Any&QPartD=ISS.B620&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B620/unbias/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B620/unbias/*/*.root

06-dec-2012 - 9-dec-2012-6-Jan-2013-19-May-2013

ISS.B620/neg

events with tracker tracks negative rigidity

/afs/cern.ch/ams/Offline/AMSDataDirRW/DataManagement/DataSets/ISS.vdev/neg.job

RUNMIN=1305853512 RUNMAX=1368949011

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPe6-r=-1&QPart=Any&QPartD=ISS.B620&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B620/neg/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B620/neg/*/*.root

28-Nov-2012 - 04-Dec-2012-04-Jan-2013

ISS.B620/photon

events with up two trd track(s) ,without tracker track, one ecal shower with energy>2 Gev and ecal shower direction < 37^0 wr/ams z axis and tof beta pattern >0 (less than 4 hits used for beta calculation of any)

produced by B620_patches (build 623) release

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B620/photon.job

RUNMAX=1355349190

RUNMIN=1305853512

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPart=Any&QPartD=ISS.B620&queryDB04=ContinueD>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B620/photon/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B620/photon/*/*.root

14-oct-2012 - 15-oct-2012

ISS.B610/photon

Deleted 1 dec 2012, see ISS.B620/photon

Full Set of AMS Data up to September 6, 2012

events without trd track , tracker track, one ecal shower with energy>2 Gev with ecal shower direction < 25^0 wr/ams z axis and tof beta pattern >0 (less than 4 hits used for beta calculation of any)

produced by B610_patches (build 610) release

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B610/photon.job

RUNMIN=1305853512 RUNMAX=1347160405

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPart=Any&QPartD=ISS.B610&queryDB04=ContinueD>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B610/photon/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B610/photon/*/*.root

23-Oct-2012

BT.B610

Aug 2010 Beam test production with B610_patches release

data query

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=BT.B610&queryDB04=ContinueD>

data link (ls) /afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/BT.B610

castor link (nsls) /castor/cern.ch/ams/Data/AMS02/2011B/BT.B610

15-oct-2012 - 18-oct-2012

ISS.B610/zg1

Deleted 6 Dec 2012, superseded by ISS.B620/zg1

Full Set of AMS Data up to September 6, 2012

events with charge!=1 and tofbetapattern<5 (at least 3 tof clusters for beta measurement)

produced by B610_patches (build 610) release

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B610/zg1.job

RUNMIN=1305853512 RUNMAX=1347160405

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=ISS.B610&queryDB04=ContinueD>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B610/zg1/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B610/zg1/*/*.root

14-oct-2012 - 15-oct-2012

ISS.B610/photon

superseded by ISS.B620/photon and deleted

Full Set of AMS Data up to September 6, 2012

events without trd track , tracker track, at least one ecal shower with energy>2 Gev and at most 2 ecal showers with ecal shower direction < 25^0 wr/ams z axis and tof beta pattern >0 (less than 4 hits used for beta calculation of any)

produced by B610_patches (build 610) release

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B610/photon.job

RUNMIN=1305853512 RUNMAX=1347160405

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=ISS.B610&queryDB04=ContinueD>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B610/photon/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B610/photon/*/*.root

10-oct-2012 - 14-oct-2012

ISS.B610/2ecal

Full Set of AMS Data up to September 6, 2012 Tracker alignment done

events with at least one and at most two ecal showeres + trdtrack + beta +charge /no tracker tracks required/
/joined 2ecallow 2ecal2 ecal_nt streams/

produced by B610_patches (build 610) release

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B610/2ecal.job

RUNMIN=1305853512 RUNMAX=1347160405

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPart=Any&QPartD=ISS.B610&queryDB04=ContinueD>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B610/2ecal/* /*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B610/2ecal/* .root

12-sep-2012 - 18-sep-2012

ISS.vdev/neg

superseded by ISS.B620/neg and deleted

events with tracker tracks negative rigidity

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.vdev/neg.job

RUNMIN=1305853512 RUNMAX=1337449847

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPart=Any&QPartD=ISS.vdev&queryDB04=ContinueD>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.vdev/neg/* /*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.vdev/neg/* .root

1-Nov-2012 - 18-Dec-2012

ISS.B5610/std

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B610/std.job

RUNMIN=1351758513 RUNMAX=1355823441

Physics rerun of one year of ams data

25-aug-2012 - 3-sep-2012

deleted from disks - superseded by ISS.B610/2ecal

ISS.B584/2ecal_nt

one shower in ecal without track track for the ISS data v5

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B584/ecal_nt.job

RUNMIN=1305853512 RUNMAX=1337449847

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPART=Any&QPARTD=ISS.B584&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B584/ecal_nt/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B584/ecal_nt/*/*.root

24-jul-2012 - 2-aug-2012

deleted from disks - superseded by ISS.B610/2ecal

ISS.B584/2ecallow

one or two showers in ecal with most energetic shower energy ≤ 2 gev for the ISS data v5

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B584/2ecallow.job

RUNMIN=1305853512 RUNMAX=1337449847

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPART=Any&QPARTD=ISS.B584&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B584/2ecallow/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B584/2ecallow/*/*.root

Physics rerun of one year of ams data

28-jun-2012 20-jul-2012

Superseded by ISS.B610/zg1 and deleted Oct 19,2012

ISS.B592/zg1

events with charge magnitude > 1

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B592/zg1.job

RUNMIN=1305853512 RUNMAX=1337449847

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPART=Any&QPARTD=ISS.B592&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B592/zg1/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B592/zg1/*/*.root

Physics rerun of one year of ams data

28-jun-2012 - 10-jul-2012

ISS.B584/unbias

unbias triggered events only

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B584/unbias.job

RUNMIN=1305853512 RUNMAX=1337449847

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=ISS.B584&queryDB04=ContinueD>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B584/unbias/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B584/unbias/*/*.root

28-Jun-2012

BT.B584

Aug 2010 Beam test production with B584 release

data query

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=BT.B584&queryDB04=ContinueD>

data link (ls) /afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/BT.B584

castor link (nsls) /castor/cern.ch/ams/Data/AMS02/2011B/BT.B584

10-jun-2012 - 20-oct-2012

ISS.B584/pass3

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B584/pass3.job

RUNMIN=1305853512 RUNMAX=1347160405

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=ISS.B584&queryDB04=ContinueD>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B584/pass3/*/*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B584/pass3/*/*.root

Physics rerun of one year of ams data

deleted from disks - superseded by ISS.B610/2ecal

13-jun-2012 - 28-jun-2012

ISS.B584/2ecal2

one or two showers in ecal with most energetic shower energy > 2 gev for the ISS data v5

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B584/2ecal2.job

RUNMIN>1337244535 RUNMAX=1337449847

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=ISS.B584&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B584/2ecal2/* /*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B584/2ecal2/* .root

18-may-2012 - 10-jun-2012

ISS.B584/pass2

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B584/pass2.job

RUNMIN=1305853512 RUNMAX=1337244535

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=ISS.B584&queryDB04=Continued>

/afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/ISS.B584/pass2/* /*.root

/castor/cern.ch/ams/Data/AMS02/2011B/ISS.B584/pass2/* .root

NB superseded by ISS.B584/pass3 and deleted from disks/castor 1-sep-2012

18-may-2012 - 9-sep-2012

ISS.B580/std -> producing by B584_patches build588

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B580/std.job

RUNMIN> 1337244535 build 588

RUNMAX=1347256466

17-may-2012 - 18-may-2012

ISS.B572/std

/afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B572/std.job

RUNMIN> 1337244535 RUNMAX=1337340202

NB deleted June 08th, 2012

30-apr-2012 - 4-may-2012

ISS.B572/pass2 preproduction

featured new internal tracker alignment (sensor level +z time dependant)as well as external tracker alignment by PG and CIEMAT froups

</afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.B572/pass2.job>

RUNMIN=1311263529 RUNMAX=1314100000 Build 573

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPart=Any&QPartD=ISS.B572&queryDB04=ContinueD>

NB deleted May 19th, 2012

10-mar-2012 - in progress

laser/std

</afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/laser/std.job>

RUNMIN=1306000000 RUNMAX=

NB due to afs limitations (<~ 32000 entries/dir) the
</afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/laser/std> could not always be synced with
production

please use nsls for </castor/cern.ch/ams/Data/AMS02/2011B/laser/std>

20-Jan-2012 - 24-Jan-2012

ISS.vdev/zg1/

RUNMIN=1311263529 RUNMAX=1321778219

z>1 for the ISS data v5 new reconstruction

Featured new charge tracker software reconstruction (i.e. improved efficiency)

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPart=Any&QPartD=ISS.vdev&queryDB04=ContinueD>

</afs/cern.ch/ams/Offline/AMSDatadirRW/DataManagement/DataSets/ISS.vdev/zg1.job>

12-jan-2012 - 18-jan-2012

ISS.vdev/2ecal/

RUNMIN=1305000000 RUNMAX=1324408120

ecal > 2 gev only one shower for the ISS data v5

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPart=Any&QPartD=ISS.vdev&queryDB04=ContinueD>

/afs/cern.ch/ams/Offline/AMSDaDataDirRW/DataManagement/DataSets/ISS.vdev/2ecal.job

Important: deleted 04-may-2012

22-dec-2011 - in progress

ISS.B550/std

/afs/cern.ch/ams/Offline/AMSDaDataDirRW/DataManagement/DataSets/ISS.B550/std.job

RUNMIN=1324408120 RUNMAX=1337244535

15-Dec-2011 - 11-jan-2012

ISS.B550/pass2 production

featured new internal tracker alignment as well as external tracker alignment by PG and CIEMAT froups

/afs/cern.ch/ams/Offline/AMSDaDataDirRW/DataManagement/DataSets/ISS.B550/pass2.job

RUNMIN=1311258138 RUNMAX=1313849094 build 550

RUNMIN>1305800000 RUNMAX<1311258138 build 552

RUNMIN>1313849094 RUNMAX=1324408120 build 552

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=ISS.B550&queryDB04=ContinueD>

NB deleted from disks 0-sep-2012, will be deleted from castor end of 2012

24-oct-2011

BT.B530

Aug 2010 Beam test production with B530 release

data query

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=BT.B530&queryDB04=ContinueD>

data link (ls) /afs/cern.ch/ams/Offline/DataSetsDir/Data/AMS02/2011B/BT.B530

castor link (nsls) /castor/cern.ch/ams/Data/AMS02/2011B/BT.B530

16-sep-2011 - 22-dec-2011

ISS.B538/std

/afs/cern.ch/ams/Offline/AMSDaDataDirRW/DataManagement/DataSets/ISS.B538/std.job

RUNMIN> 1316138096 RUNMAX<1324408120

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=ISS.B538&queryDB04=ContinueD>

important: up to run 1316429804 included reconstruction used old (from Aug-11-2011) calibrations.

important deleted Jan-15-2011

14-sep-2011 -17-sep-2011

ISS.B538/zg1

Featured preliminary Tracker alignment

</afs/cern.ch/ams/Offline/AMSDaDataDirRW/DataManagement/DataSets/ISS.B538/zg1.job>

RUNMIN=1305810000 RUNMAX=1314947430

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPart=Any&QPartD=ISS.B538&queryDB04=Continued>

important deleted Jan-15-2011

1-Sep-2011 - 10-sep-2011

ISS.B538/pass2

featured preliminar tracker alignment

</afs/cern.ch/ams/Offline/AMSDaDataDirRW/DataManagement/DataSets/ISS.B538/pass2.job>

Important Deleted 20-dec-2011, superseded by ISS.B550/pass2

3-sep-2011 -6-sep-2011

ISS.B538/ecal

Featured preliminary Tracker alignment

</afs/cern.ch/ams/Offline/AMSDaDataDirRW/DataManagement/DataSets/ISS.B538/ecal.job>

RUNMIN=1305810000 RUNMAX=1314947430

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPart=Any&QPartD=ISS.B538&queryDB04=Continued>

important deleted Jan-15-2011

28-Jul-2011 - 15-sep-2011

ISS.B530/std

</afs/cern.ch/ams/Offline/AMSDaDataDirRW/DataManagement/DataSets/ISS.B530/std.job>

RUNMIN>1311785075 RUNMAX=1316138096

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPer=-1&QPart=Any&QPartD=ISS.B530&queryDB04=Continued>

Important: deleted 04-jan-2012

21-Jul-2011 - 29-Jul-2011 - 3-Aug-2011

ISS.B530/pass2

/afs/cern.ch/ams/Offline/AMSDataDirRW/DataManagement/DataSets/ISS.B530/pass2.job

RUNMIN=1305810000 RUNMAX=1311785075

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPART=Any&QPARTD=ISS.B530&queryDB04=Continued>

15-Jul-2011 to 18-Jul-2011 - 3-aug-2011

ISS.B524/ecal Important Deleted Oct 20 2011

Run <= 1311785075

Featured particles with TRD&TOF&TRACKER&ECAL tracks only

11-Jul-2011 to 12 July 2011

KSC.B524/pass2

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPARTD=KSC.B524&QPPER=-1&QTEMPDATASET=Any&QBUILDNUM=0&L>

5-July-2011 to 6 July 2011

ISS.B524/zg1

Run <= 1308812649

Featured Z>1 particles only with high thresholds on cluster finding in tracker

23-Jun-2011 to 28-Jul-2011

ISS.B524/std

First Run > 1308812649

Last Run = 1311785075 **Important Deleted 2-Jan-2012**

23-Jun-2011

Production Stopped

ISS.B515/std

Last run 1308812649

17-Jun-2011 - July 3rd

ISS.B524/pass2

B524_patches branch B524 tag second production from the beginning up to run 1308812649 included

second production means all the calibrations and the inner tracker alignment are done. ISS attitude angles are also included

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPPER=-1&QPart=Any&QPartD=ISS.B524&queryDB04=Continued>

Important Deleted July 21st 2011

19-May-2011 to 23-Jun-2011

ISS.B515/std

B512_patches branch B515 tag (First) production of ISS data

see

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPartD=ISS.B515&QPPER=-1&QTempDataset=ISS.B515%2Fstd.job+++>

Last Run 1308820536 **Important Deleted 29-Dec-2011**

Important Everything below considered obsolete,not supported and subject to remove from disks without notice

11-May-2011

KSC.B510

B510_patches Production Software Rerun of all KSC Data

see

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPartD=KSC.B510&QPPER=-1&QTempDataset=KSC.B510%2Fcosmics>

29-Apr-2011

data2011/cosmics.ksc.b505

flight Production Software Rerun of 2011 KSC Data Deleted Aug 1st 2011

see

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?QPartD=data2011&QPPER=-1&QTempDataset=++cosmics+tests++2011+>

12-mar-2011 data2011/cosmics.ksc.p5

Featured slowcontrol & tdv addition in root files

11-mar-2011

data2011/cosmics.ksc.p4

10-jan-2011

data2010.v4/cosmics.ksc/*

KSC cosmic muons tests v4

05-jan-2011

data2010/cosmics.ksc.p3/*

KSC cosmic muons tests pass 3 v5

17-dec-2010

bt.aug2010.v5.p3/*

beam test 3 pass v5

(superseed pass 2 from 23-nov-2010)

20-sep-2010

bt.aug2010/*

Beam Test 2pass v4 alignment

20-aug-2010

data2010/cosmics_pm

beam test 1pass v5 no alignment

01-aug-2010

data2010.v4/cosmics.pm

cosmics runs 2010 permanent magnet

06-apr-2010

data2010.v4/cosmics.tvt

tvt @ estec data

22-feb-2010

data2010/beamtest

first pass of beam test data

featured: PERUGIA Version of Tracker Software

08-feb-2010

data2009/bt2010.estatus

first pass of beamt test data. No beam test info inside root files

Events status entries in database for the all above mentioned runs are also created

01-jan-2010

data2009/cosmics_estatus.g latest rerun for selected magnet off and all magnet on runs with good tof

data2009/cosmics_estatus.b latest rerun for all magnet on runs with bad tof (+workaround). see http://ams.cern.ch/AMS/vitali/ams02_ss_2010a.pdf for details

Events status entries in database for the all above mentioned runs are also created

xx-dec-2009

cern.calib : calibration files (ntuples)

data2009/cosmics.magof cosmic ray data with magnet off featured: TRD,Tracker alignment TOF preliminary calibration done

data2009/cosmics.magon cosmic ray data with magnet on featured: TRD,Tracker alignment TOF preliminary calibration done

data2009.v5/cosmics.magof cosmic ray data with magnet off featured: PERUGIA Version of Tracker Software

data2009.v5/cosmics.magon cosmic ray data with magnet on featured: PERUGIA Version of Tracker Software

See http://ams.cern.ch/AMS/Analysis/hpl3itp1/ams02_ss_2009d.pdf on how to access the data

<http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?queryDB04=Form> may be to access the data location

The following datasets are available for 2008 cosmic muons tests production:

cern.calib : calibration files (ntuples) cern.laser : laser runs reconstructed files cern.cosmics.sci : original cosmic ray production

cern.cosmics.sci.3p Aug-9-2008 rerun of cern.cosmics.sci Interim rerun, featured: TRD,TOF,Tracker, RICH,ECAL Alignment ECAL pedestals are taken from calib files Root File Structure Changed: Status word is now a branch UProcessStatus(status) added EventStatusTable02 created: greatly speedup subs reruns see doc/status02.doc Missed: RICH Mirror alignment

cern.cosmics.sci.4p Aug-26-2008 (final) rerun of cern.cosmics.sci All Alignments and Calibrations Done.

cern.cosmics.sci.6p Jun-25-2009 (Multithreaded) rerun of the cern.cosmics.sci with the latest software. The total rerun took less than 40 hours elapsed time.

cern.cosmics.sci.v5.1p Aug-30-2009 (Multithreaded) rerun of the cern.cosmics.sci with the latest tracker (perugia) software. The total rerun took less than 24 hours elapsed time.

See also: <http://pcamss0.cern.ch/cgi-bin/mon/rc.o.cgi?queryDB04=Form> how to access the data

-- DmitriFilippov - 19-Apr-2011

This topic: AMS > DataMCOrganization

Topic revision: r130 - 2019-02-23 - BaosongShan



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