

STAR MuDst File Content

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MuDst Data 2018 年 8 月 9 日



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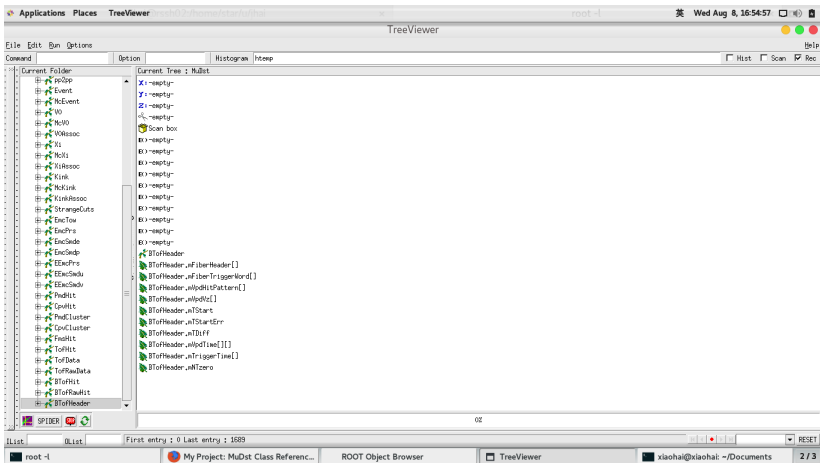


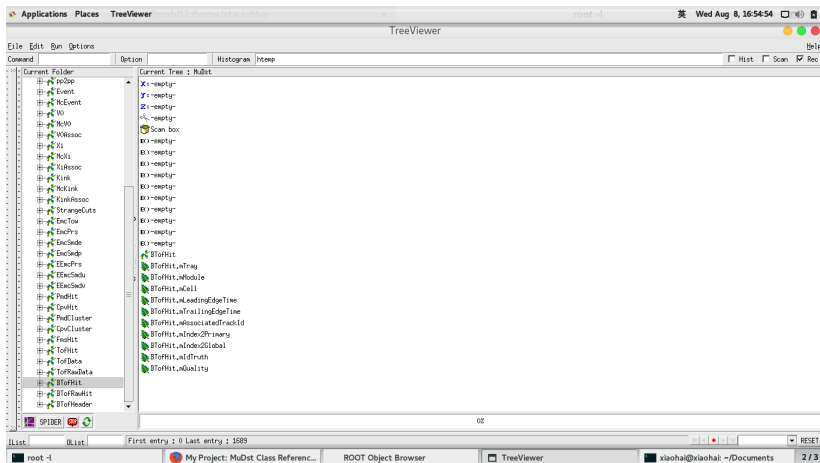
中国科学院大学
University of Chinese Academy of Sciences

Outline

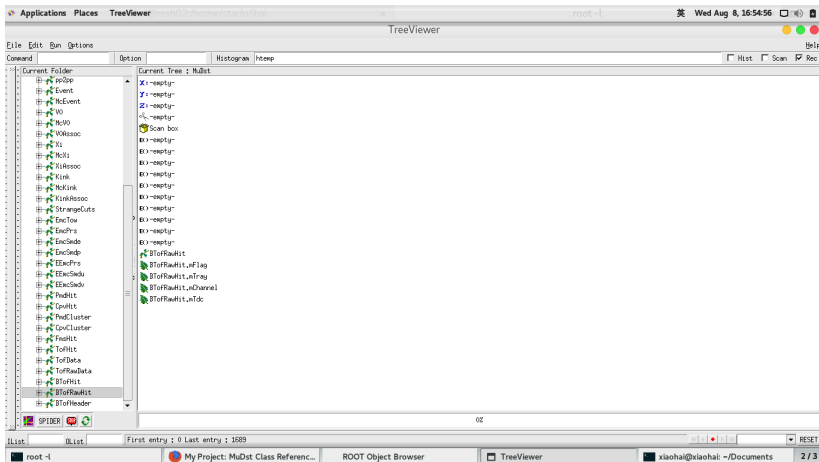
BTofHeader	BTofHit	BTofRawHit	CovGlobTrack
CovPrimTrack	CpvCluster	CpvHit	DetectorStates
EEmcPrs	EEmcSmdu	EEmcSmdv	EmcPrs
EmcSmde	EmcSmdp	EmcTow	Event
FmsHit	GlobalTracks	KinkAssoc	Kink
L3AlgoAccept	L3AlgoReject	L3Tracks	McEvent
McKink	McV0	McXi	MuEvent
OtherTracks	PmdCluster	PmdHit	pp2pp
PrimaryTracks	PrimaryVertices	RichSpectra	StrangeCuts
TofData	TofHit	TofRawData	V0Assoc
V0	XiAssoc	Xi	

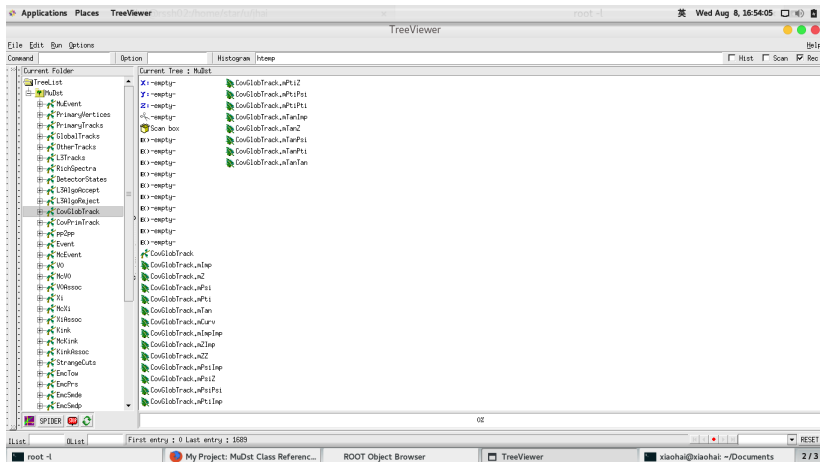
BTofHeader



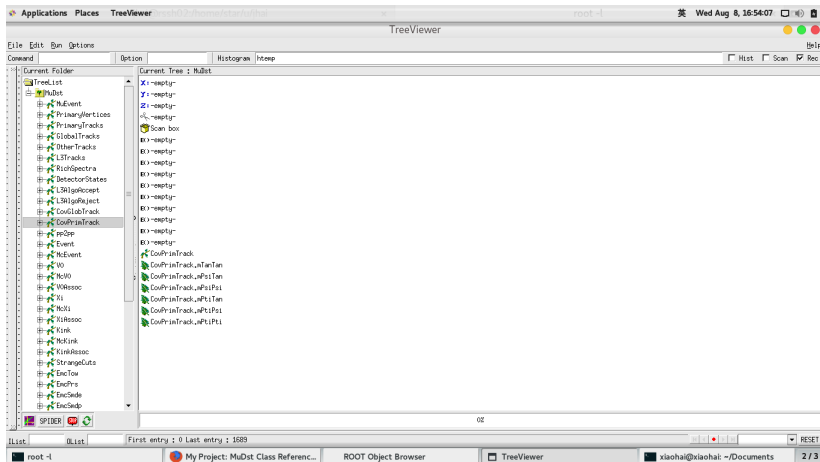


BTofRawHit

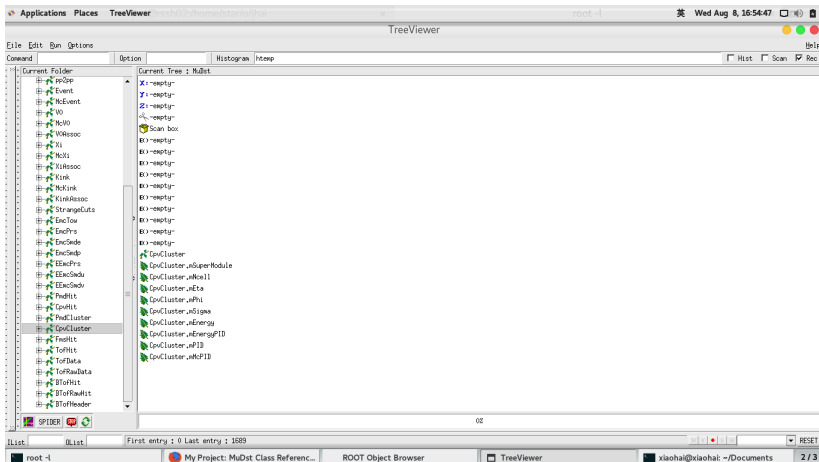


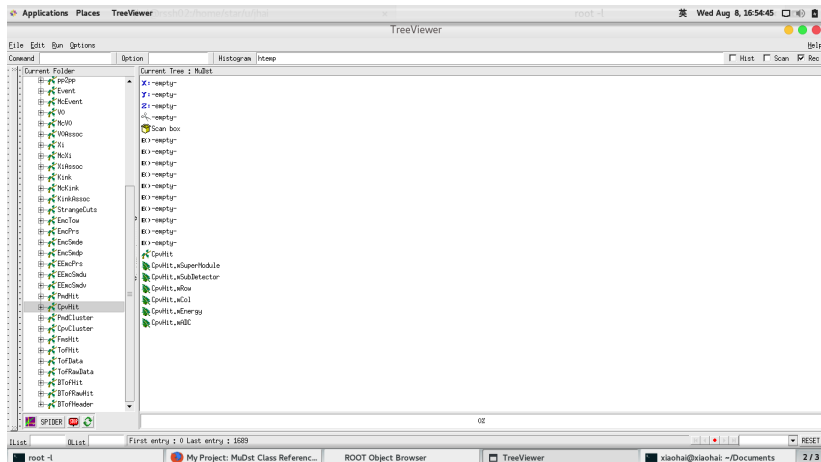


CovPrimTrack

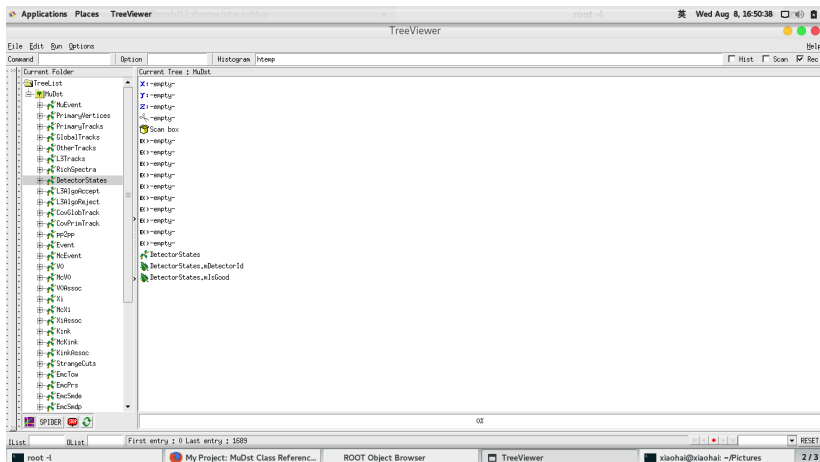


CpvCluster

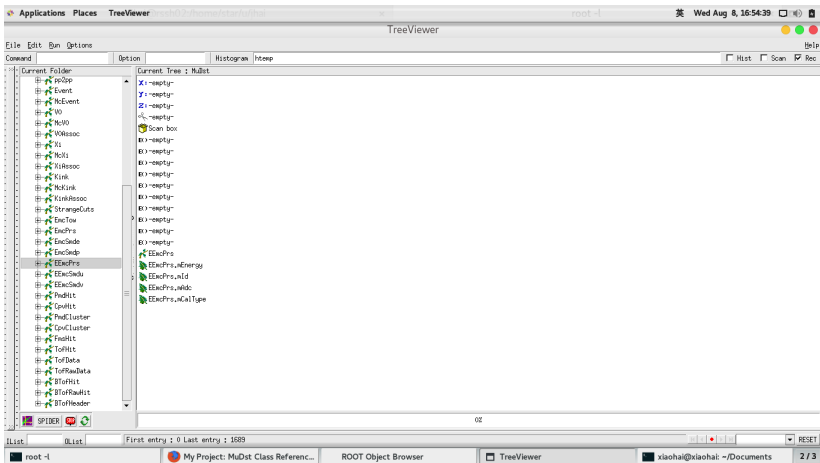




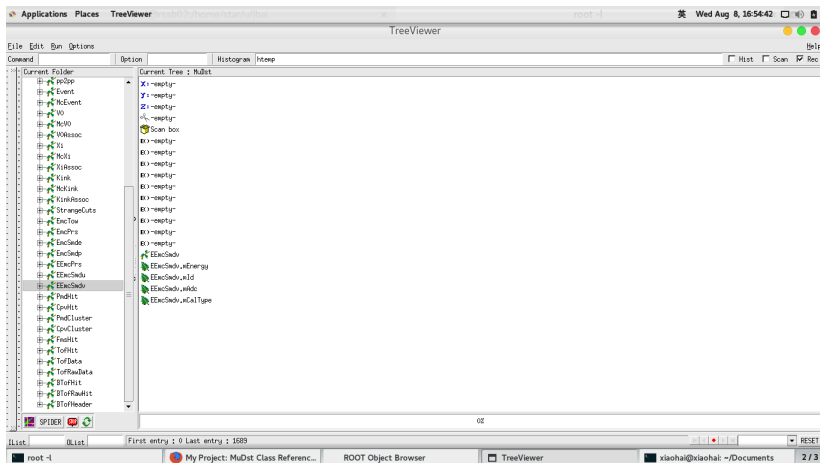
DetectorStates

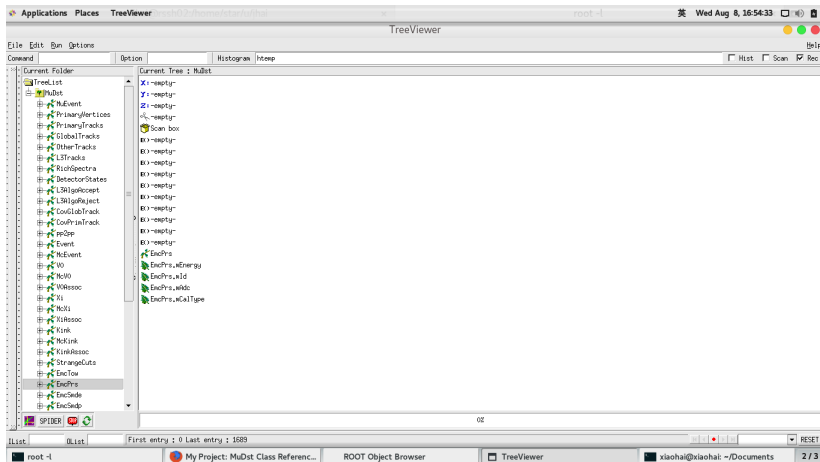


EEmcPrs



The screenshot displays the TreeView application interface. The title bar indicates the application is 'TreeViewer' and the current root is '/'. The menu bar includes 'File', 'Edit', 'Run', and 'Options'. The toolbar contains 'Command', 'Option', 'Histogram', and 'hhelp'. The main window is divided into two panes. The left pane, titled 'Current Folder', shows a tree structure of folders and files, with 'EEncSedu' selected. The right pane, titled 'Current Tree : Nullst', shows a list of objects, including 'X-empty', 'Z-empty', 'Scan box', and several 'EEncSedu' related objects. The status bar at the bottom shows 'List', '0 List', 'First entry : 0 Last entry : 1689', and a 'RESET' button.





[illegible]

[illegible]

Applications Places TreeViewer root -l Wed Aug 8, 16:54:31

TreeViewer

File Edit Run Options Command Option Histogram Intep Hist Scan Rec

Current Folder

- Tree_List
 - MuDst
 - MuEvent
 - PrimaryVertices
 - PrimaryTracks
 - GlobalTracks
 - OtherTracks
 - L3Tracks
 - RichSpectra
 - DetectorStates
 - L3HgcAccept
 - L3HgcObject
 - LowGlobTrack
 - LowPrinTrack
 - ne3p
 - Event
 - Event
 - VO
 - McW9
 - W9Assoc
 - W1
 - McW1
 - W1Assoc
 - Kink
 - McKink
 - KinkAssoc
 - StrangeData
 - EncLow
 - EncPrs
 - EncSeads
 - EncSeads

Current Tree: MuDst

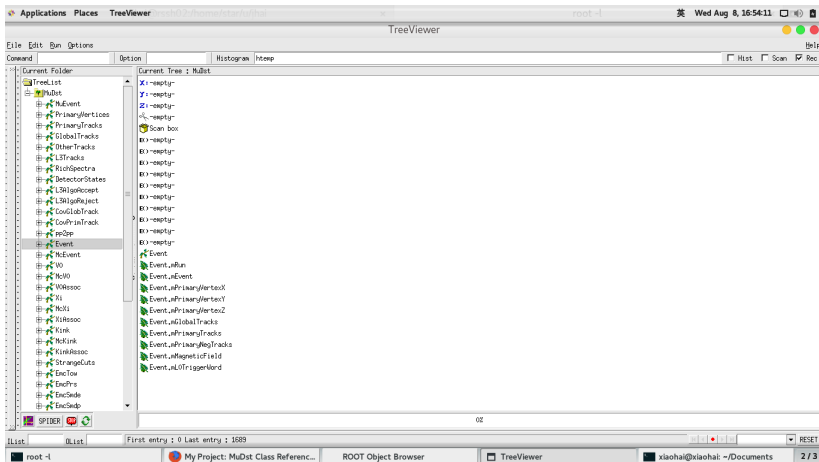
- X1-empty
- Y1-empty
- Z1-empty
- empty
- Scan box
- EO-empty
- EO-empty
- EO-empty
- EO-empty
- EO-empty
- EO-empty
- EO-empty
- EO-empty
- EO-empty
- EO-empty
- EncLow
- EncLow, nTowerADC[]
- EncLow, nEndcapTowerADC[]
- EncLow, nBsdCrateFlags[]
- EncLow, nBsdCrateFlags[]
- EncLow, nBsdCrateFlags[]
- EncLow, nBsdCrateFlags[]
- EncLow, nBsdCrateFlags[]
- EncLow, nBsdCrateFlags[]
- EncLow, nBsdCrateFlags[]
- EncLow, nBsdCrateFlags[]

0Z

IList @List First entry: 0 Last entry: 1689

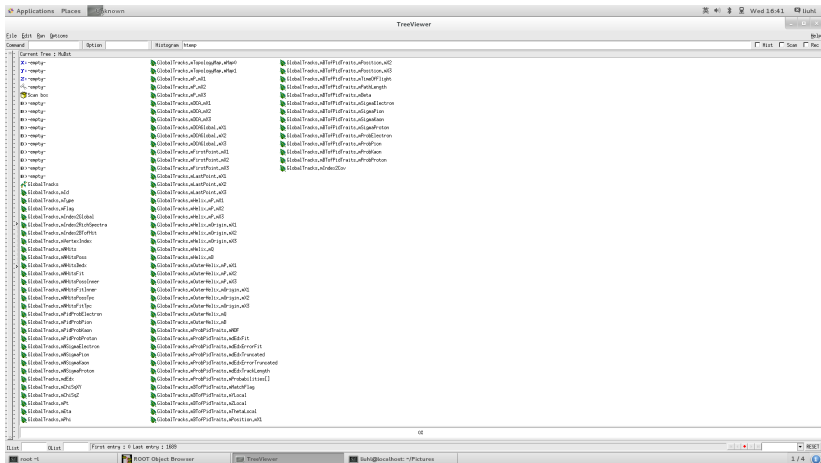
root -l My Project: MuDst Class Referenc... ROOT Object Browser TreeViewer xiaohai@xiaohai: ~/Documents 2 /

Event

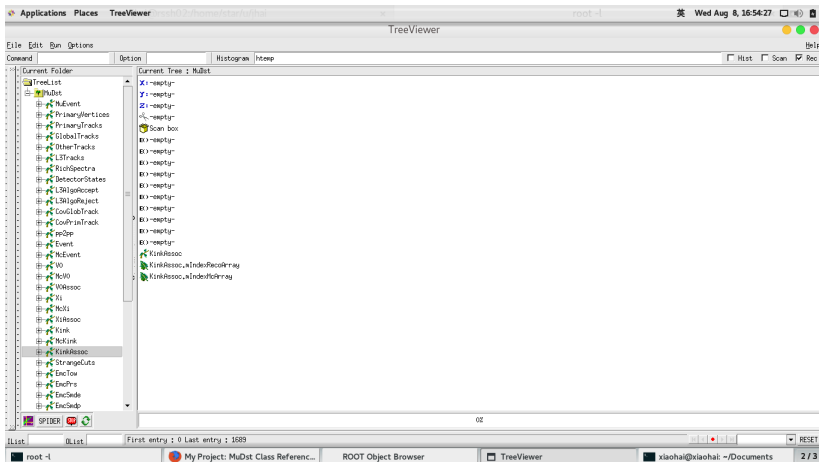


The screenshot displays the TreeViewer application interface. At the top, the title bar indicates the application is 'TreeViewer' and the current file path is 'ssh02@home:starfishhal'. The main window is titled 'root -l' and features a menu bar with 'File', 'Edit', 'Run', and 'Options'. Below the menu bar is a toolbar with buttons for 'Command', 'Option', 'Histogram', and 'htexp'. The interface is divided into two main panes. The left pane, titled 'Current Folder', shows a hierarchical list of files and folders, including 'sp0p', 'Event', 'McEvent', 'VO', 'McVO', 'VAssoc', 'A1', 'McA1', 'VAssoc', 'VLink', 'McVLink', 'StrangeCuts', 'EncTow', 'EncPrs', 'EncSade', 'EncSadv', 'EEEncSadv', 'FindHit', 'ToHit', 'ToData', 'ToRawData', 'BToHit', 'BToRawHit', and 'BToHeader'. The right pane, titled 'Current Tree : MuList', displays a tree structure with nodes such as 'X-empty', 'Y-empty', 'Z-empty', 'Scan box', and several 'FindHit' objects. The bottom status bar shows '0 List', 'First entry : 0 Last entry : 1689', and a 'RESET' button.

GlobalTracks



KinkAssoc



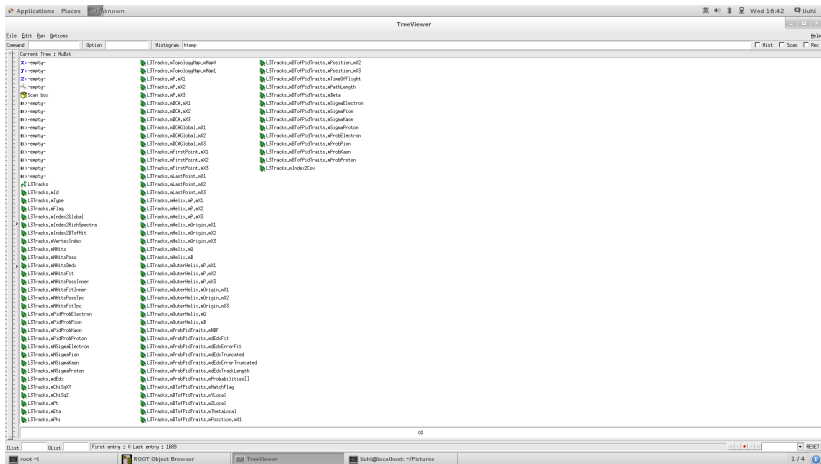
L3AlgoAccept

The screenshot displays the TreeViewer application interface. The top menu bar includes 'Applications', 'Places', 'TreeViewer', and a status bar showing 'root -l', 'Wed Aug 8, 16:53:59', and system icons. Below the menu is a toolbar with 'File', 'Edit', 'Run', and 'Options'. The main window is divided into three panes: 'Current Folder' on the left, 'Current Tree : MuDst' in the center, and a 'Histogram' pane on the right. The 'Current Folder' pane shows a tree structure of objects, with 'L3AlgoAccept' selected. The 'Current Tree : MuDst' pane shows a list of objects, including 'L3AlgoAccept', 'L3AlgoAccept_nId', 'L3AlgoAccept_nOn', 'L3AlgoAccept_nAccept', 'L3AlgoAccept_nIdId', 'L3AlgoAccept_nNumberOfProcessedEvents', 'L3AlgoAccept_nNumberOfAcceptedEvents', 'L3AlgoAccept_nNumberOfBuildEvents', 'L3AlgoAccept_nDataSize', 'L3AlgoAccept_nDataArray', 'L3AlgoAccept_nPreScale', 'L3AlgoAccept_nPostScale', 'L3AlgoAccept_nIntParameterSize', and 'L3AlgoAccept_nIntParameterArray'. A tooltip is visible over the 'L3AlgoAccept' object, displaying the text 'User-defined expression/out. Double-click to edit'. The bottom status bar shows 'First entry : 0 Last entry : 1689' and a 'RESET' button.

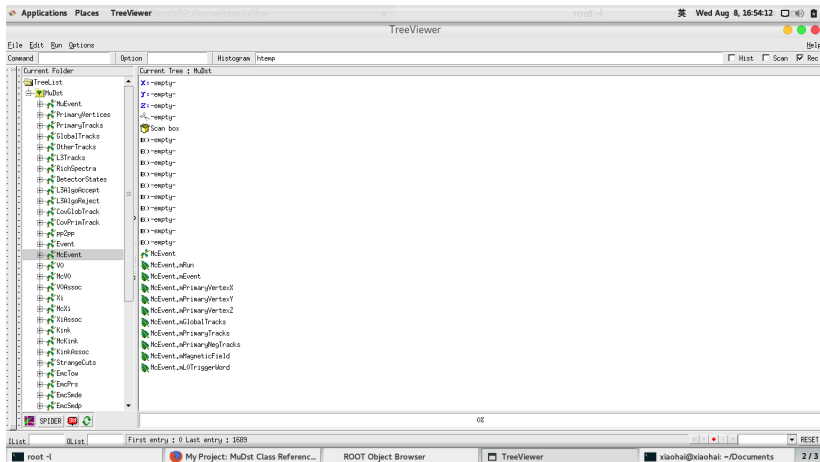
L3AlgoReject

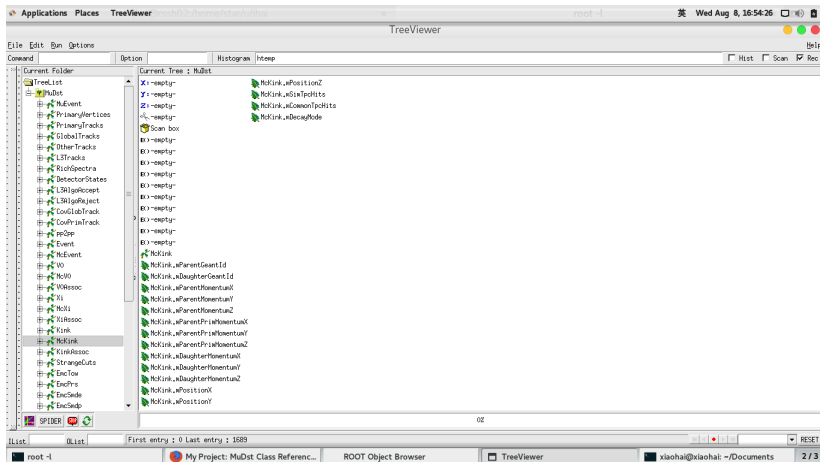
The screenshot displays the ROOT TreeViewer application. The top menu bar includes 'Applications', 'Places', 'TreeViewer', and a terminal window showing 'root -l'. The status bar at the top right indicates the date and time: 'Wed Aug 8, 16:54:03'. The main window is titled 'TreeViewer' and contains a toolbar with icons for 'File', 'Edit', 'Run', and 'Options'. Below the toolbar, there are tabs for 'Command', 'Option', and 'Histogram (htemp)'. The 'Current Tree' is set to 'MuDst'. The left pane shows a tree structure with 'L3AlgoReject' selected. The right pane displays the contents of the selected object, which include various arrays and parameters related to the L3 algorithm, such as 'L3AlgoReject.nFloatParameterSize' and 'L3AlgoReject.nFloatParameterArray'. The bottom status bar shows the first and last entry indices: 'First entry: 0 Last entry: 1689'. The bottom right corner of the window shows the user's email 'xiaohai@xiaohai: ~/Documents' and the page number '2 / 3'.

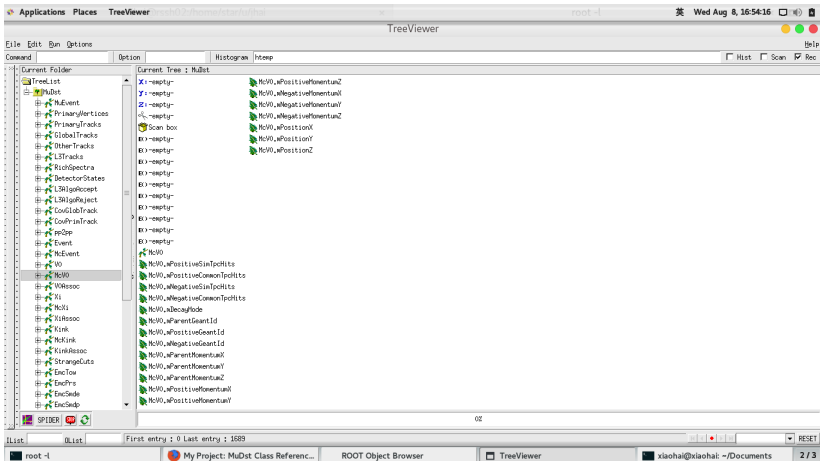
L3Tracks

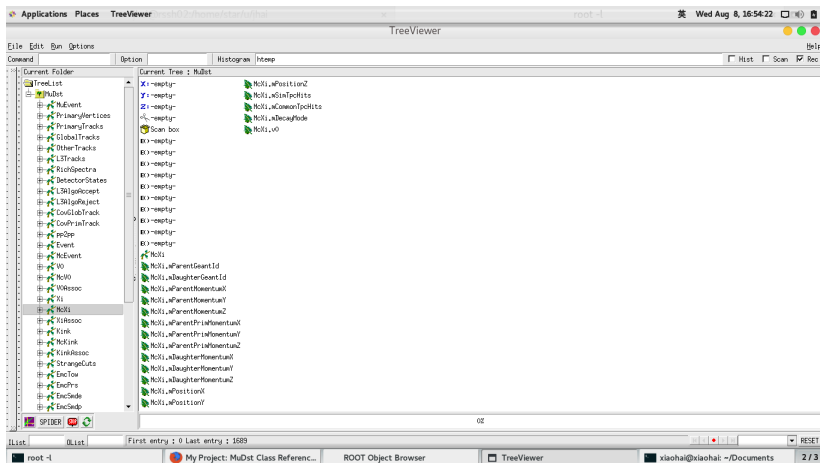


McEvent





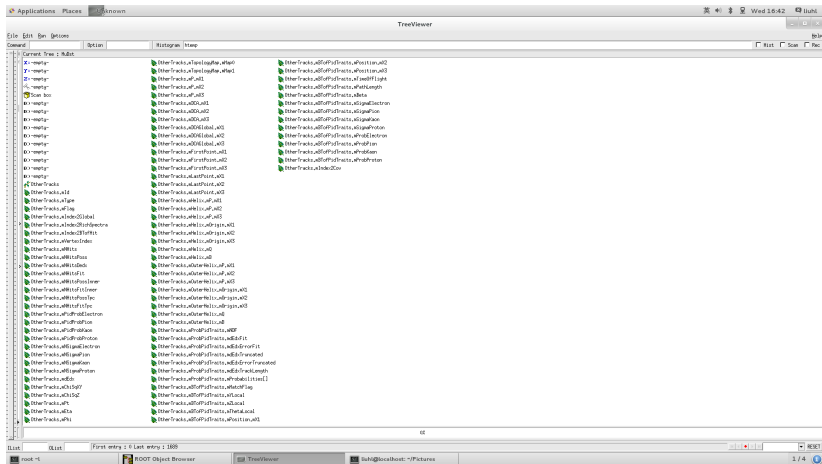




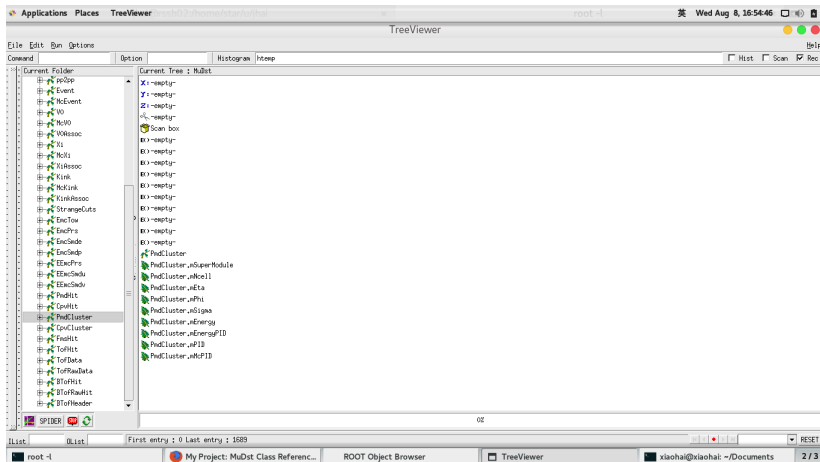
MuEvent

[illegible]

OtherTracks



PmdCluster



The screenshot displays the TreeViewer application window. The title bar indicates the current folder is `root-1` and the user is `xiaohal`. The interface includes a menu bar (File, Edit, Run, Options), a toolbar (Command, Option, Histogram, htreep), and a status bar (First entry: 0, Last entry: 1689).

The main content area is divided into three panes:

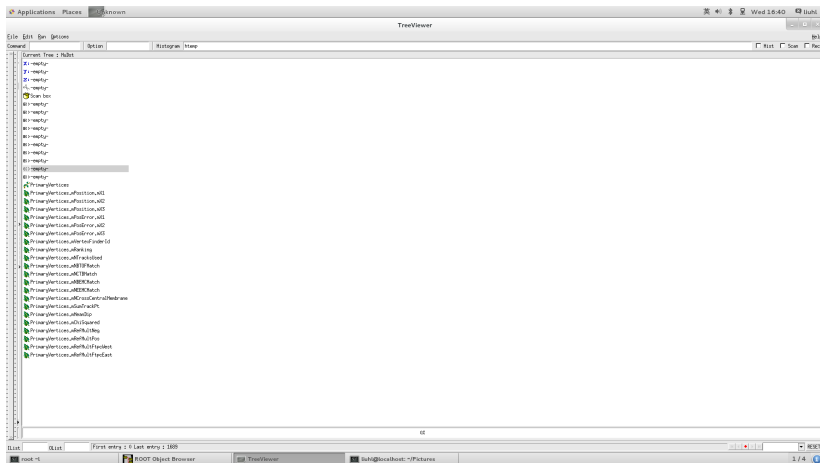
- Current Folder:** A tree view showing the directory structure, with `pp2pp` selected under `Event`.
- Current Tree:** A detailed view of the `MuDst` object hierarchy. It lists various branches and their types, including:
 - `pp2pp.nLongPCLuster[]`
 - `pp2pp.nEnergyCluster[]`
 - `pp2pp.nKTCuster[]`
 - `pp2pp.nQualityCluster[]`
 - `Scan box`
 - `pp2pp`
 - `pp2pp.nSiliconLunch`
 - `pp2pp.nNumberPlanes[]`
 - `pp2pp.nNumberPlanesWithClusters[]`
 - `pp2pp.nStatusRowanPot[]`
 - `pp2pp.nHDC[]`
 - `pp2pp.nHAC[]`
 - `pp2pp.nOffsetPlane[]`
 - `pp2pp.n2Plane[]`
 - `pp2pp.nAnglePlane[]`
 - `pp2pp.nOrientationPlane[]`
 - `pp2pp.nStatusPlane[]`
 - `pp2pp.nNumberOfClusters[]`
 - `pp2pp.nPositionCluster[]`
- Bottom Panel:** A status bar showing the first and last entry indices (0 and 1689) and a `RESET` button.

PrimaryTracks

The screenshot shows the ROOT software interface, specifically the TreeViewer window. The window is titled "TreeViewer" and has a menu bar with "File", "Edit", "Bin", and "Options". Below the menu bar is a toolbar with icons for "Current Tree: Hbdt", "Histogram", and "Hmap". The main area of the window displays a list of variables under the "Current Tree: Hbdt" tab. The variables are organized into columns, with some expanded to show sub-variables. The status bar at the bottom indicates "First entry: 1 Last entry: 1000".

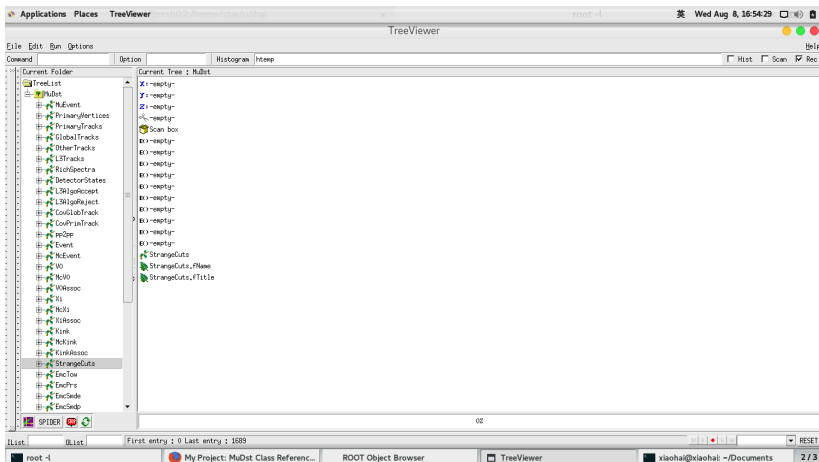
Current Tree: Hbdt	Histogram	Hmap
1-muon	1-muon	1-muon
2-muon	2-muon	2-muon
3-muon	3-muon	3-muon
4-muon	4-muon	4-muon
5-muon	5-muon	5-muon
6-muon	6-muon	6-muon
7-muon	7-muon	7-muon
8-muon	8-muon	8-muon
9-muon	9-muon	9-muon
10-muon	10-muon	10-muon
11-muon	11-muon	11-muon
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92-muon	92-muon	92-muon
93-muon	93-muon	93-muon
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95-muon	95-muon	95-muon
96-muon	96-m	

PrimaryVertices

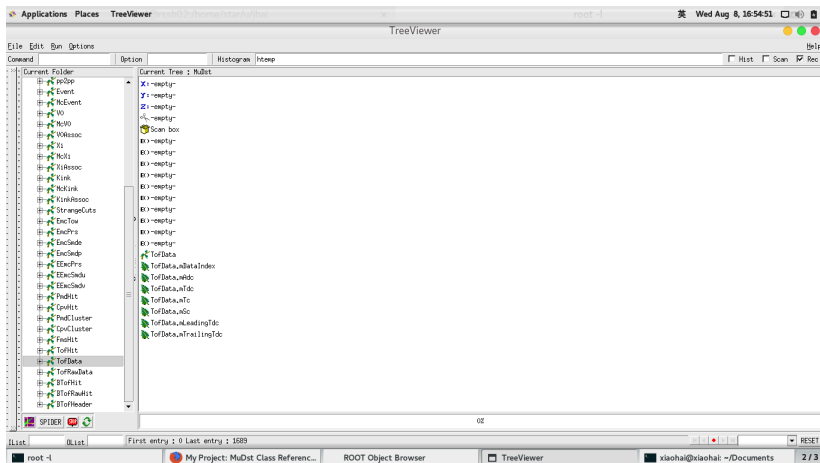


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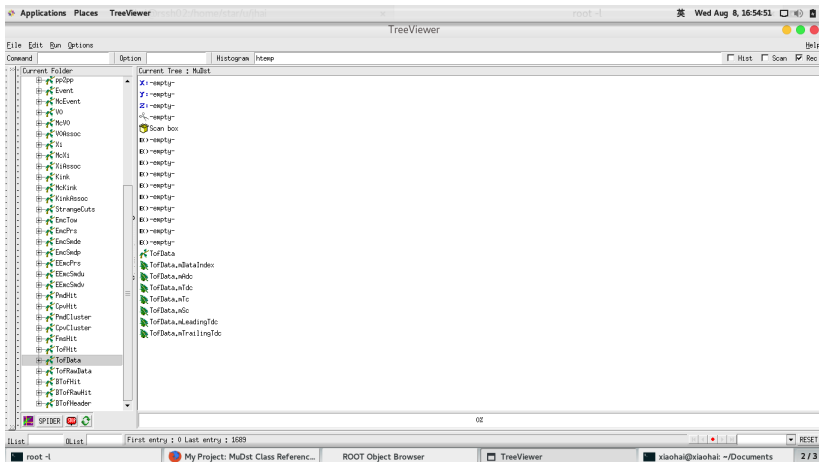
StrangeCuts



TofData



TofData



TofRawData

