



# Laser Interferometer Gravitational-Wave Observatory (LIGO)

## GDS DMT Monitor Web Interface Demonstration

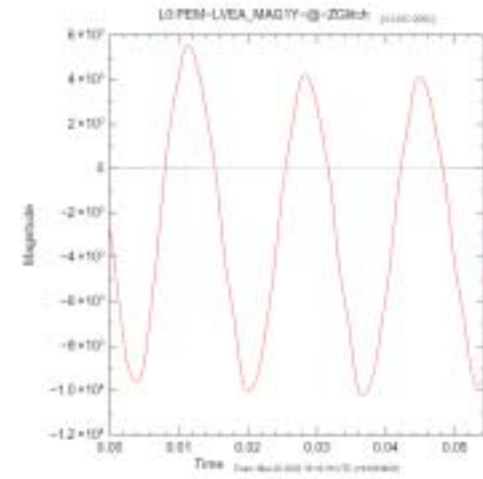
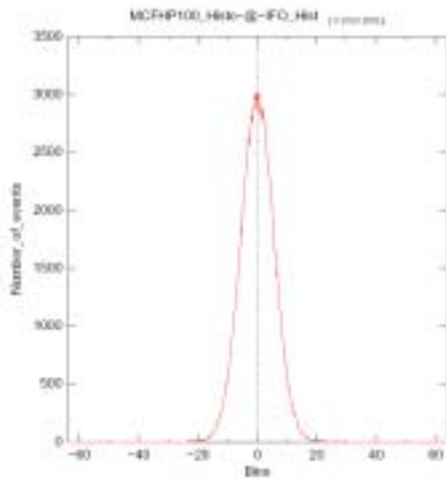
*LSC 2002 Spring Meeting  
LIGO Livingston Observatory*

**D. Sigg, Sz. Márka**

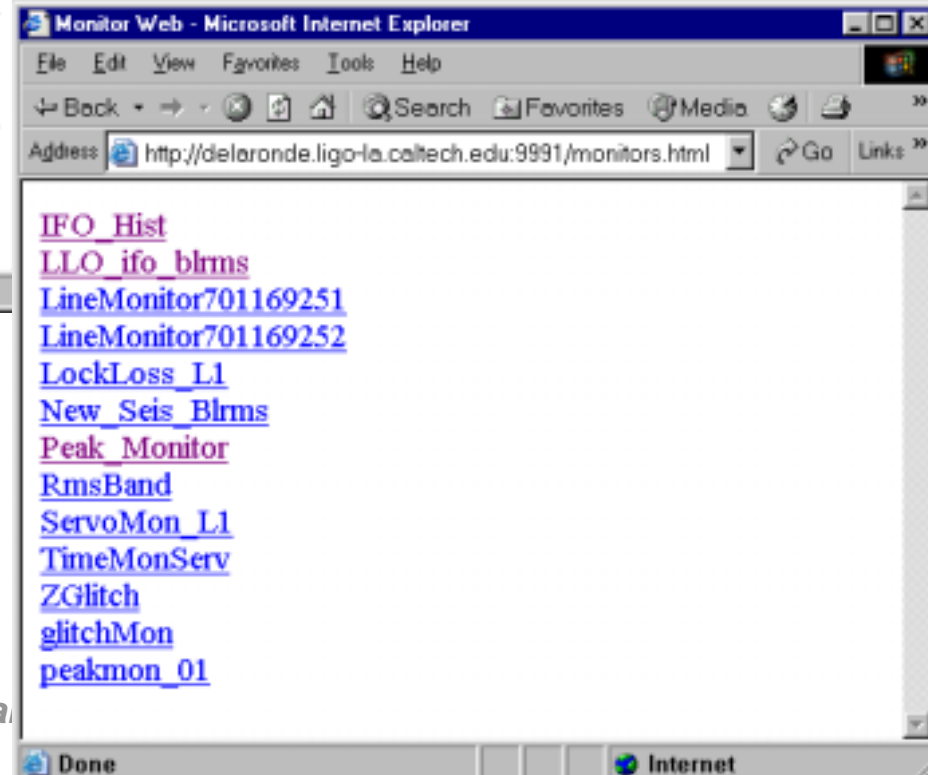
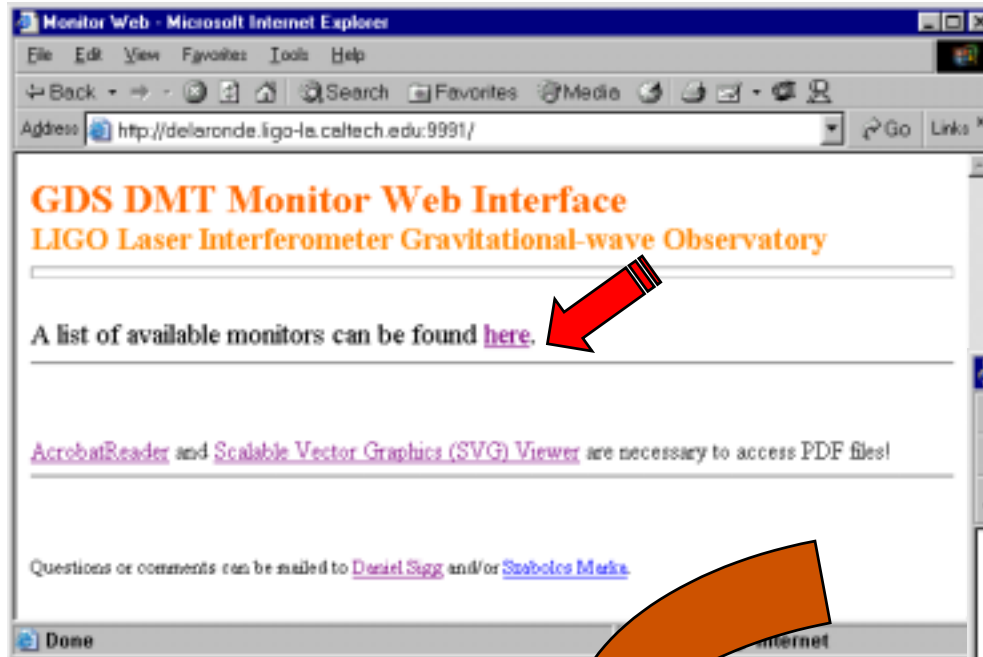
*March 2002*

*LIGO-G020142-00-D*

*LIGO/CalTech*



# From the entrance to the monitor list



# Example: List of TimeSeries and Histograms

Monitor Web - Microsoft Internet Explorer  
 Address: http://deloronda.ligo-la.caltech.edu/5951/ZGInch/objects.html

## ZGInch

Name	Type	Data
L0:PEM-BSC1_ACCY	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-BSC2_ACCX	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-BSC2_ACCY	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-BSC3_ACCX	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-BSC4_ACCX	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-BSC5_ACCY	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-EX_MAG1X	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-EX_SEISX	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-EX_V1	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-EY_SEISY	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-HAM1_ACCX	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-HAM2_ACCX	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-HAM3_ACCX	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-LVEA_MAG1X	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-LVEA_MAG1Y	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-LVEA_SEISX	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-LVEA_SEISY	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-LVEA_V1	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-LVEA_V3	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-PSL1_ACCX	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L0:PEM-PSL1_MIC	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L1:GDS-EY_TO2	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
L1:IOO-MC_F	time series	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>

Done Internet

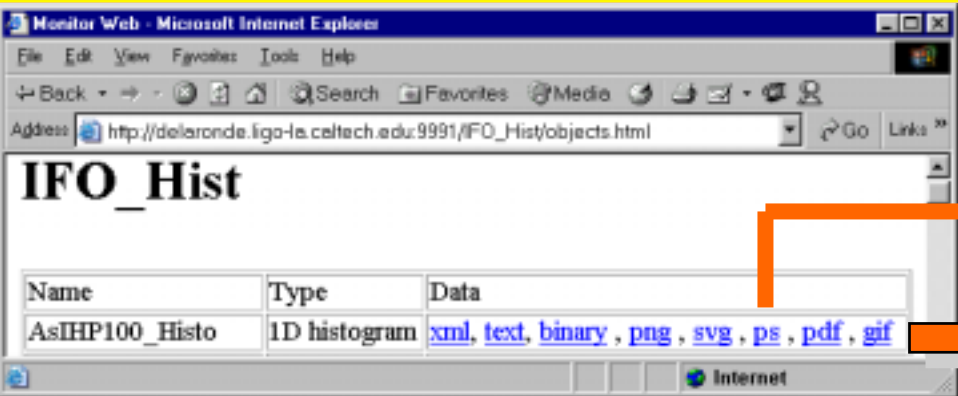
Monitor Web - Microsoft Internet Explorer  
 Address: http://deloronda.ligo-la.caltech.edu/5951/IFO\_Hist/objects.html

## IFO\_Hist

Name	Type	Data
AsIHP100_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
AsIHP100_Ref	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
AsIRaw_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
AsIRaw_Ref	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
AsQHP100_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
AsQHP100_Ref	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
AsQRaw_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
AsQRaw_Ref	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
MCFHP100_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
MCFHP100_Ref	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
MCFRaw_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
MCFRaw_Ref	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
POBIHP100_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
POBIHP100_Ref	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
POBIRaw_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
POBIRaw_Ref	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
POBQHP100_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
POBQHP100_Ref	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
POBQRaw_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
POBQRaw_Ref	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
RefIHP100_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
RefIHP100_Ref	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>
RefIRaw_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>

Done Internet

# Histograms and some display formats



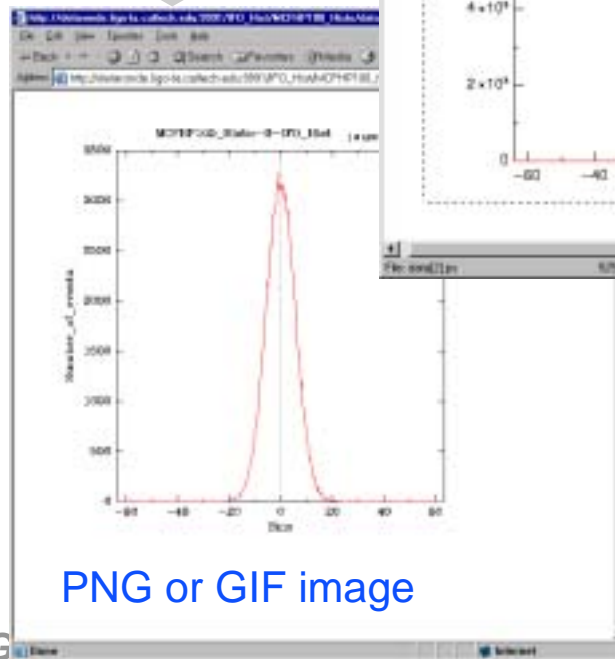
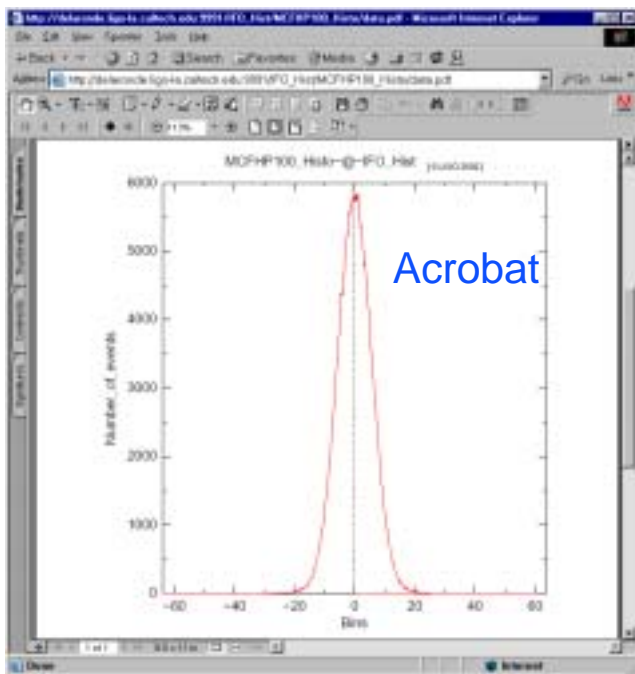
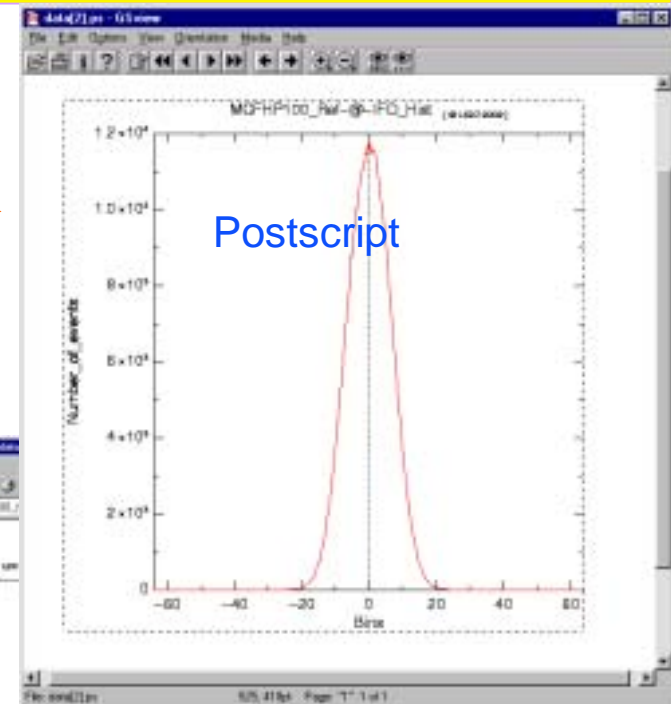
Monitor Web - Microsoft Internet Explorer

Address: [http://delaronde.ligo-la.caltech.edu:9991/IFO\\_Hist/objects.html](http://delaronde.ligo-la.caltech.edu:9991/IFO_Hist/objects.html)

## IFO\_Hist

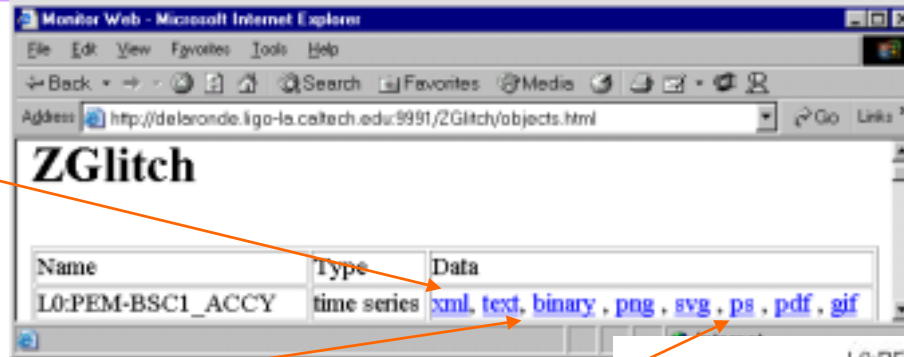
Name	Type	Data
AsIHP100_Histo	1D histogram	<a href="#">xml</a> , <a href="#">text</a> , <a href="#">binary</a> , <a href="#">png</a> , <a href="#">svg</a> , <a href="#">ps</a> , <a href="#">pdf</a> , <a href="#">gif</a>

Internet



# TimeSeries and provided formats

XML for DTT



TEXT and binary for plotting and analysis utilities

Large selection of graphics format for instant graphing

