

## Visit - Feature # 1192: Histogram plot: allow user to set histogram exact bin bounds

<b>Status:</b>	Pending	<b>Priority:</b>	Normal
<b>Author:</b>	Cyrus Harrison	<b>Category:</b>	
<b>Created:</b>	09/05/2012	<b>Assigned to:</b>	
<b>Updated:</b>	09/26/2012	<b>Due date:</b>	
<b>Impact:</b>	4 - High		
<b>Expected Use:</b>	4 - Common		
<b>OS:</b>	All		
<b>Support Group:</b>	Any		
<b>Subject:</b>	Histogram plot: allow user to set histogram exact bin bounds		
<b>Description:</b>	<p>From email conversation w/ Matt O'Brien:</p> <p>On 09/04/12 15:00, Matthew O'Brien wrote: Hi Brad and Cyrus,</p> <p>The histogram plot in visit is awesome. We need this type of thing all the time when we study particle distributions. It makes it very easy to see the particle energy distribution.</p> <p>I'm having some trouble getting it to do exactly what I want.</p> <p>I have particle energies that range from <math>1e-6</math> to 10ish, and I want to have about 5 histogram bins in each decade (power of 10). Like 5 bins for <math>[1e-6, 1e-5]</math>, another 5 bins for <math>[1e-5, 1e-4]</math> and so on for each power of 10. Can it do something like that?</p> <p>Thanks.</p> <p>-Matt -----</p> <p>On 09/05/12 11:40, Cyrus Harrison wrote: Hi Matt, You can select log bin widths, but I don't think you have enough control to specify log10. I will add a request to allow a user to select the exact bin bounds.</p> <p>-Cyrus</p>		

### History

09/26/2012 07:57 pm - Eric Brugger

- Status changed from New to Pending