

Figure 1 is a scatter plot showing the total silicon concentration (Si total [nC]) versus the Julian Standard Time (JST) for the 2002 eruption of Mt. Pinatubo. The y-axis ranges from 0 to 3500 nC, and the x-axis ranges from 23h00 to 23h50. Data points are black dots. A horizontal dashed line is at 3000 nC. A vertical dashed line is at 23h10. A solid black bar is at the top of the plot.

JST	Si total [nC]
23h00	500
23h01	3050
23h10	3050
23h11	3050
23h27	500
23h28	3100
23h29	3050
23h30	3050
23h31	3050
23h32	3050
23h33	3050
23h34	3050
23h35	3050
23h36	3050
23h37	3050
23h38	3050
23h39	3050
23h40	3050
23h41	3050
23h42	3050
23h43	3050
23h44	3050
23h45	3050
23h46	3050
23h47	3050
23h48	3050
23h49	3050
23h50	3050

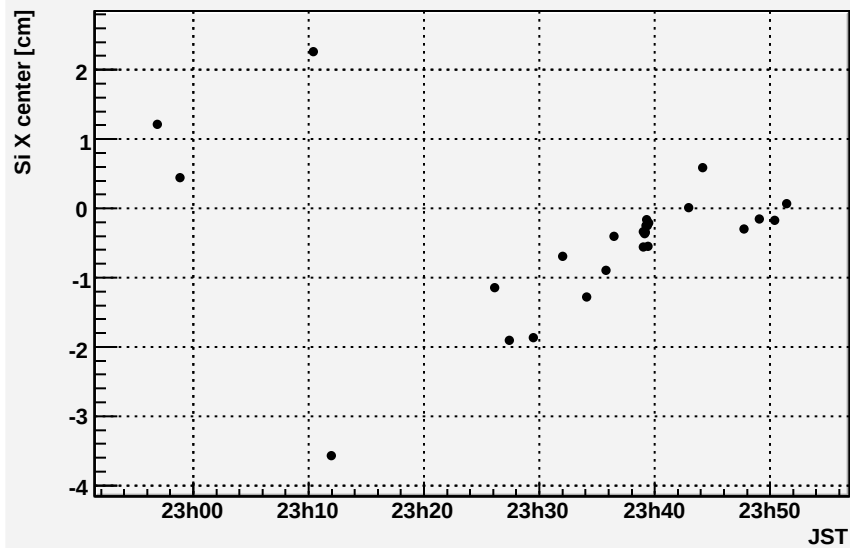
[illegible]

Figure 10 is a scatter plot showing the total ion current (IC total) in nC versus the time of day (JST) for the 23h observation period. The y-axis ranges from 10 to 90 nC, and the x-axis ranges from 23h00 to 23h50 JST. The data points show a general increase in ion current over time, starting around 15 nC at 23h00 and rising to approximately 85-90 nC by 23h50.

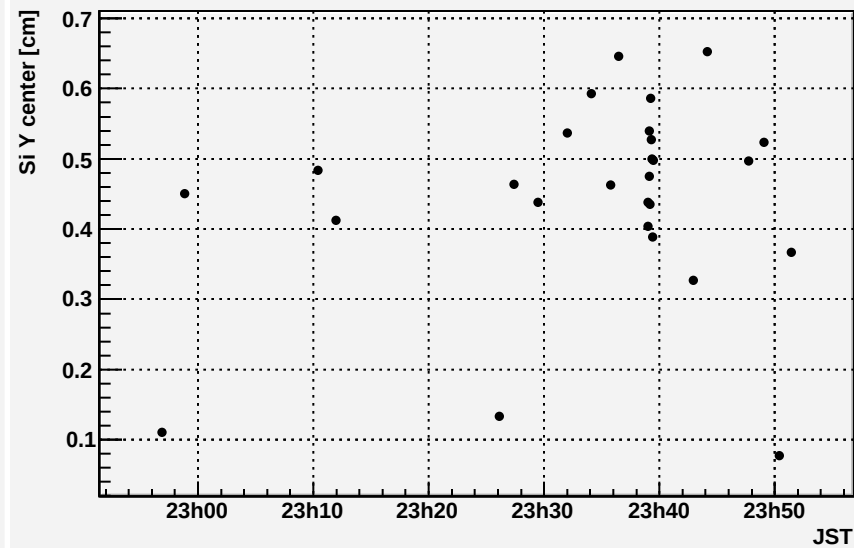
JST	IC total [nC]
23h00	15
23h05	86
23h10	87
23h15	86
23h25	15
23h27	87
23h30	87
23h33	86
23h35	87
23h37	86
23h40	87
23h42	87
23h45	87
23h47	86
23h50	87

Figure 1 is a scatter plot showing the variation of the ratio of the intensity of the C I CT05 line to the intensity of the C I CT05 line, $IC/CT05 [nC/10^{12} ppp]$, versus the time of observation, JST. The y-axis ranges from 0.95 to 1.01, and the x-axis ranges from 23h00 to 23h50. The data points show a general upward trend, starting around 0.955 at 23h00 and reaching approximately 1.01 at 23h40, with some fluctuations.

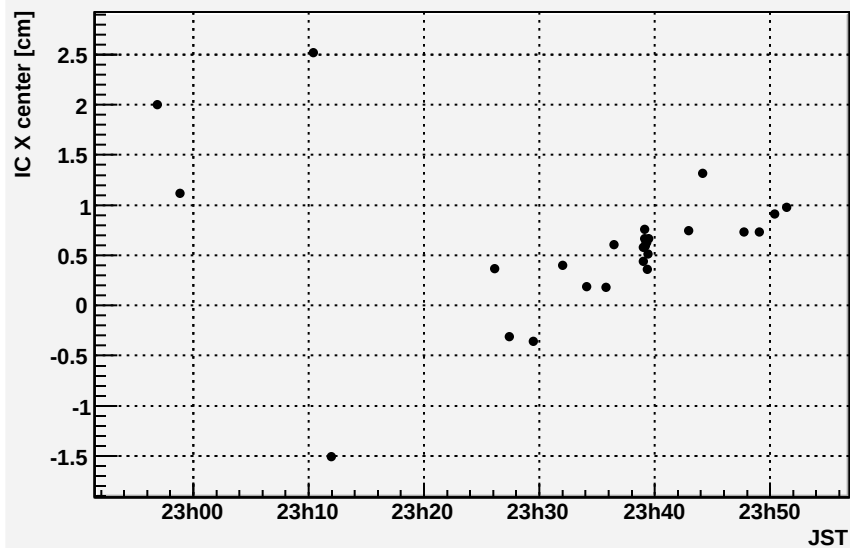
Si X center history



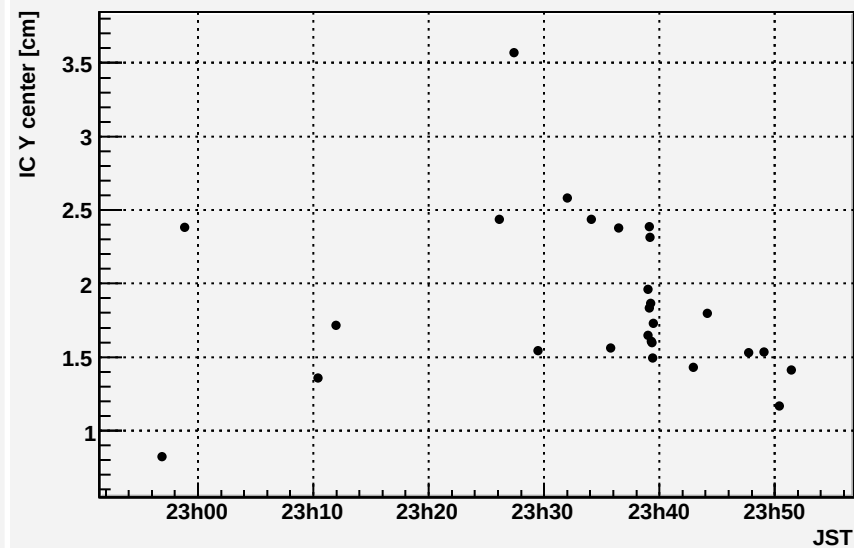
Si Y center history

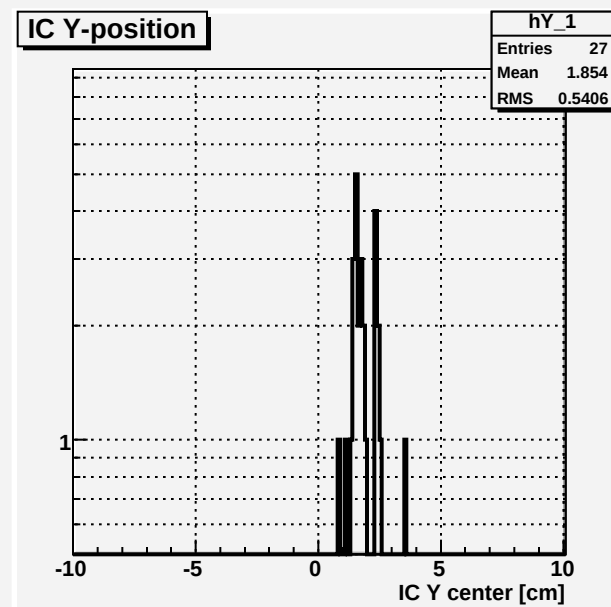
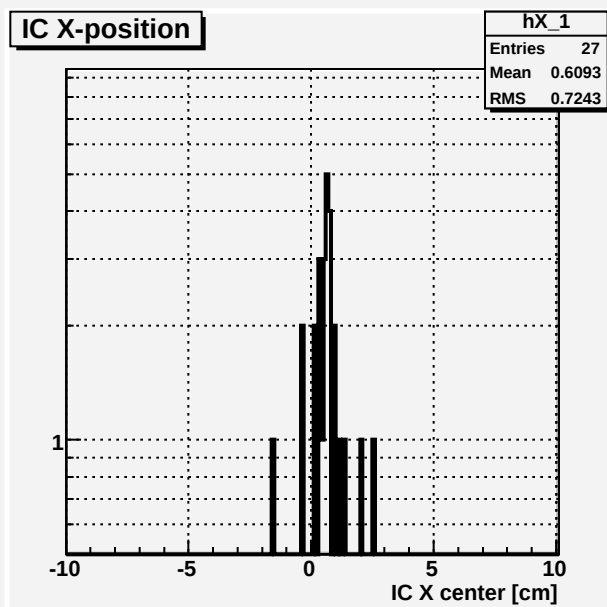
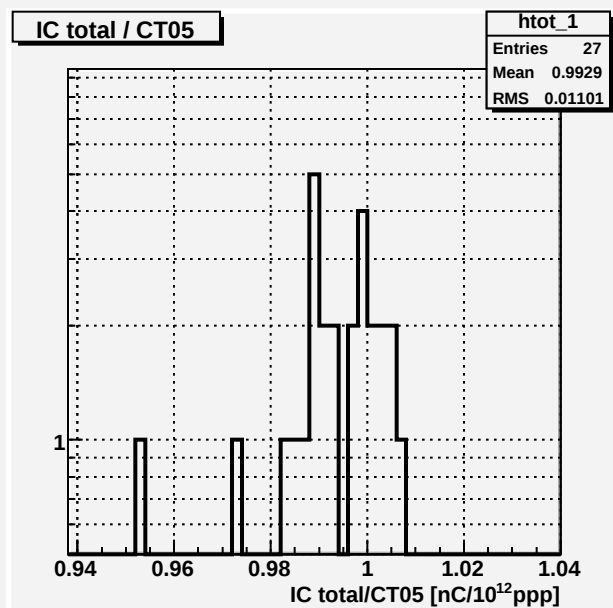
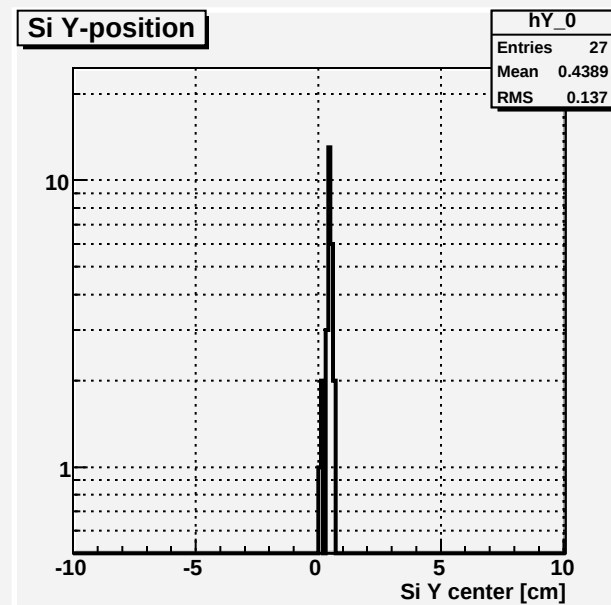
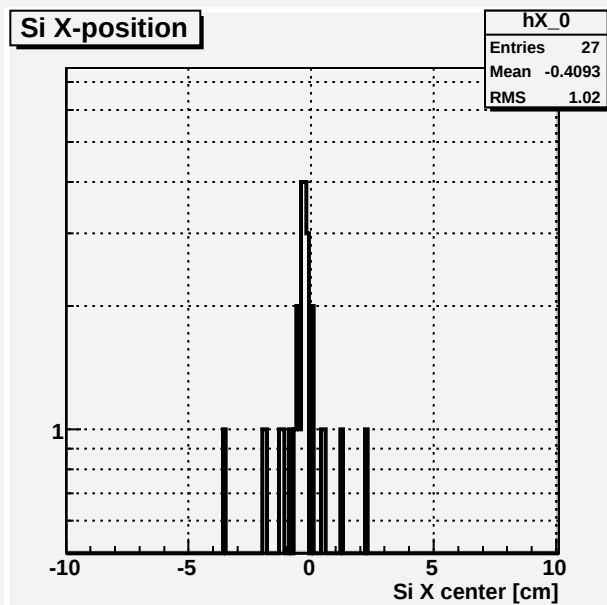
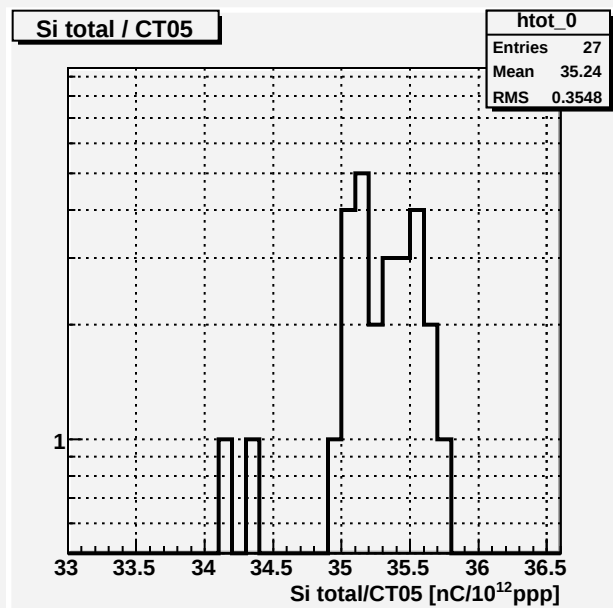


IC X center history



IC Y center history





Graph

