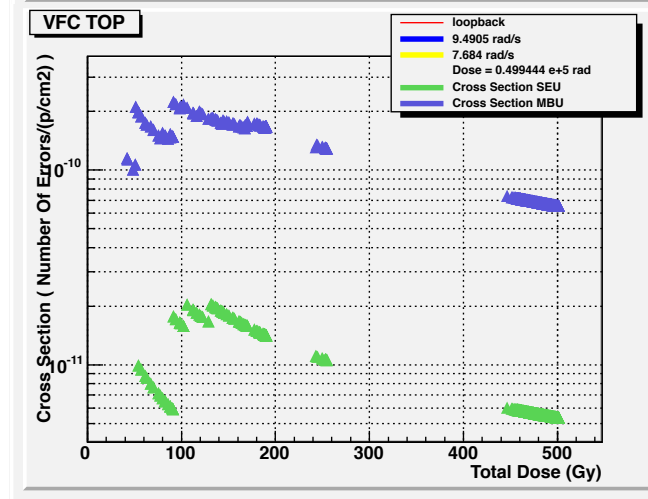
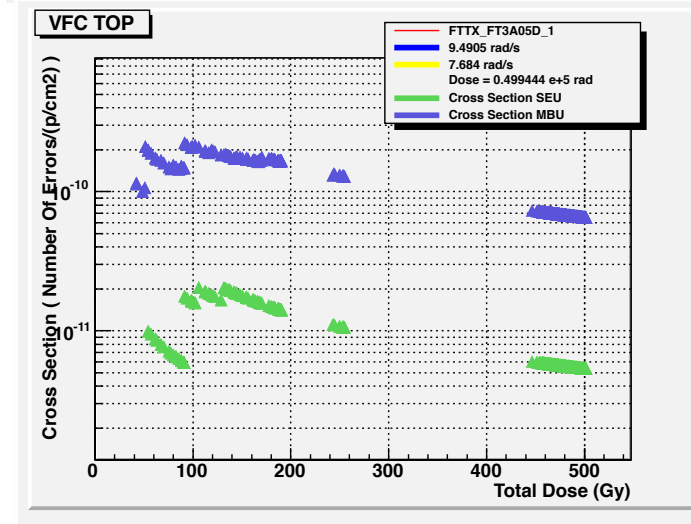
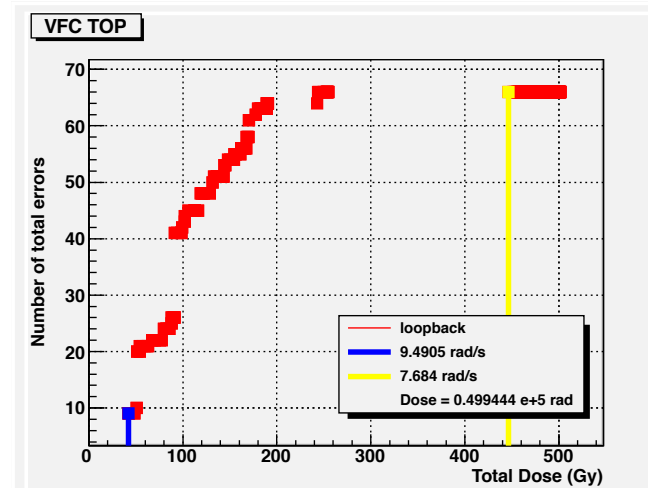
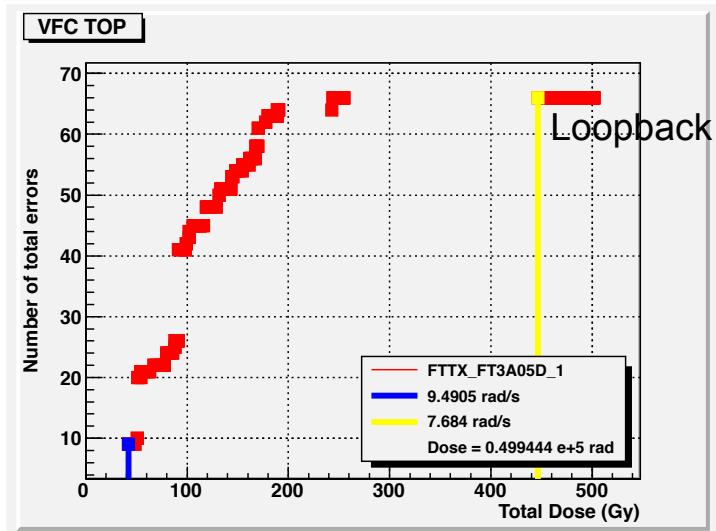


More details ...

- For each components @ PSI
 - On the left-side of the slide: original plot with all the errors counted
 - On the right-side of the slide: plot with a cut on the step-error
 - Every time I get a full on the total counter only 1 error is summed over the 'total count' done during the analysis, chosen to be a multiple-bit error
 - The bottom plots are the cross-section versus total dose corresponding to the upper plots.
- For the CNRAD data the cross-section is calculated for 2 or 3 point for each components, with and without step-error, and it is show in a table.

@ PSI - FTTX_FT3A05D_1

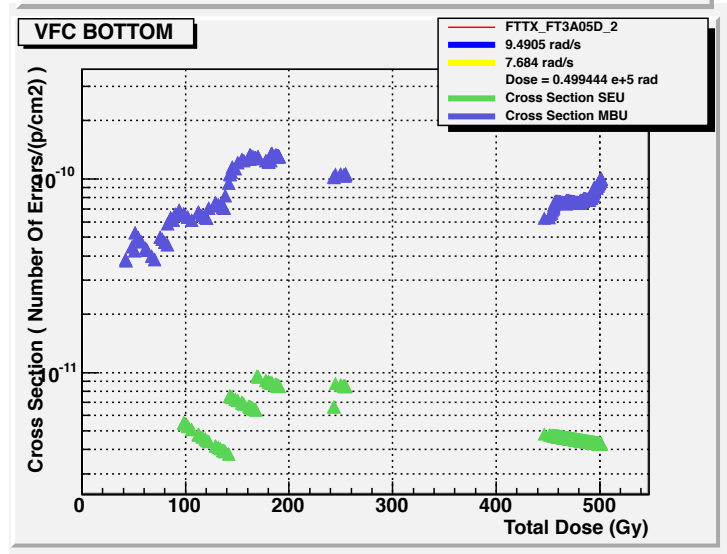
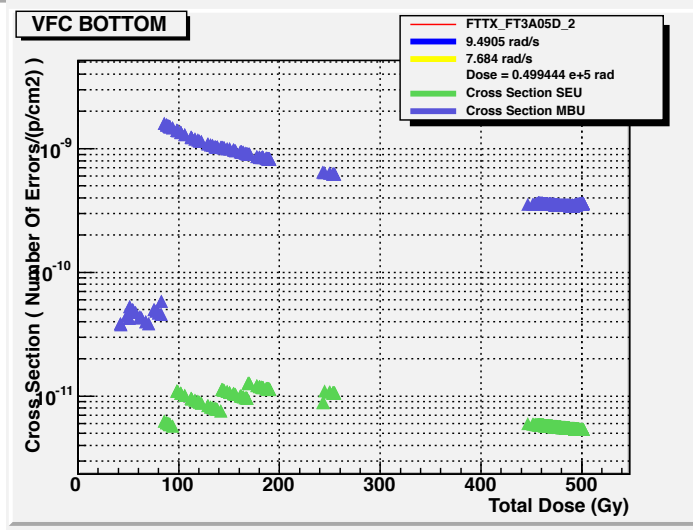
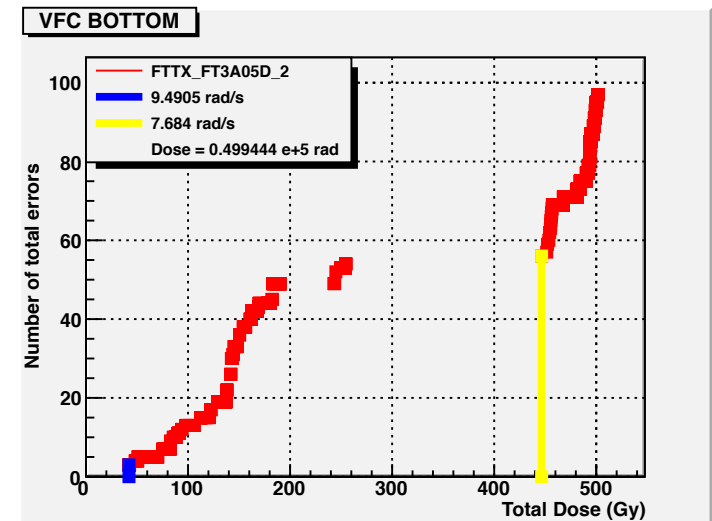
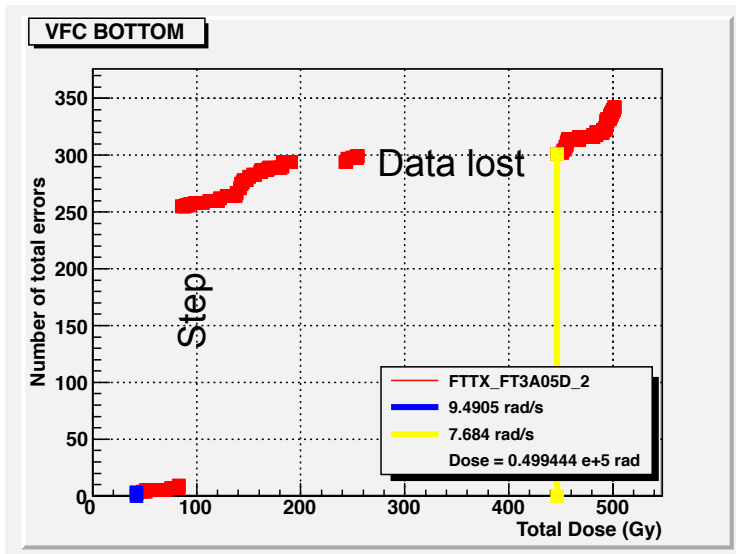


With Step-error

=

Without Step-error

@ PSI - FTTX_FT3A05D_2

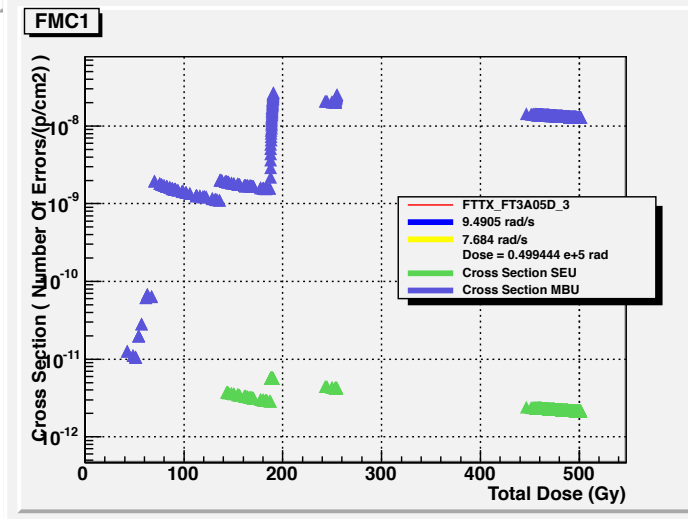
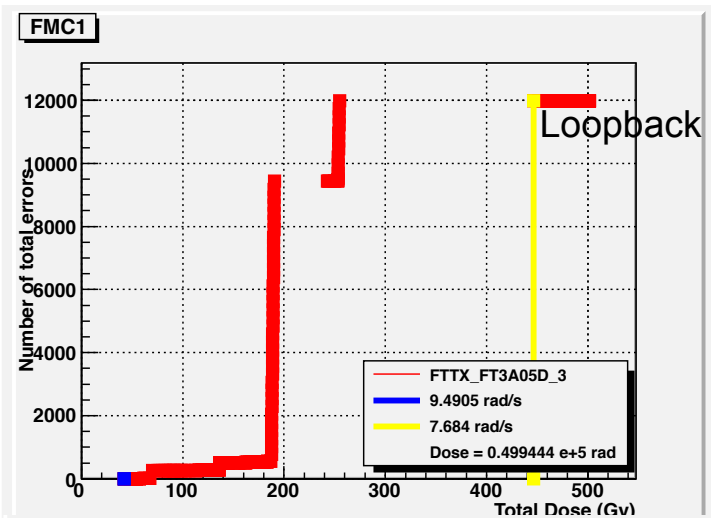


With Step-error

!=

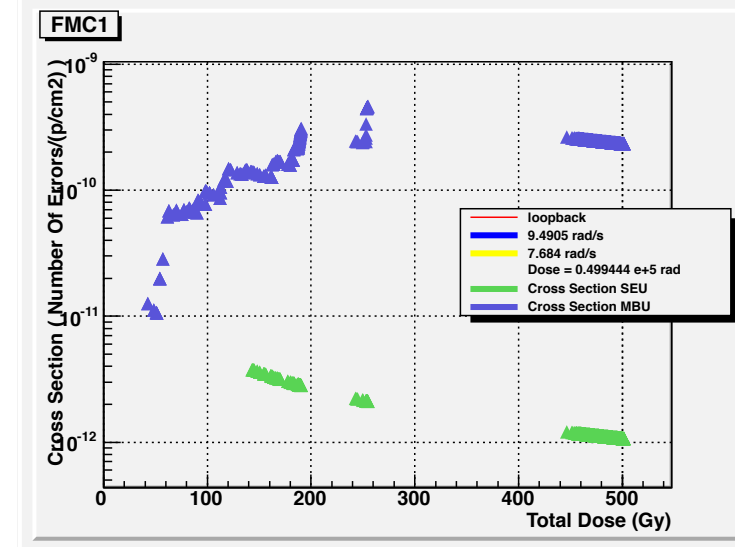
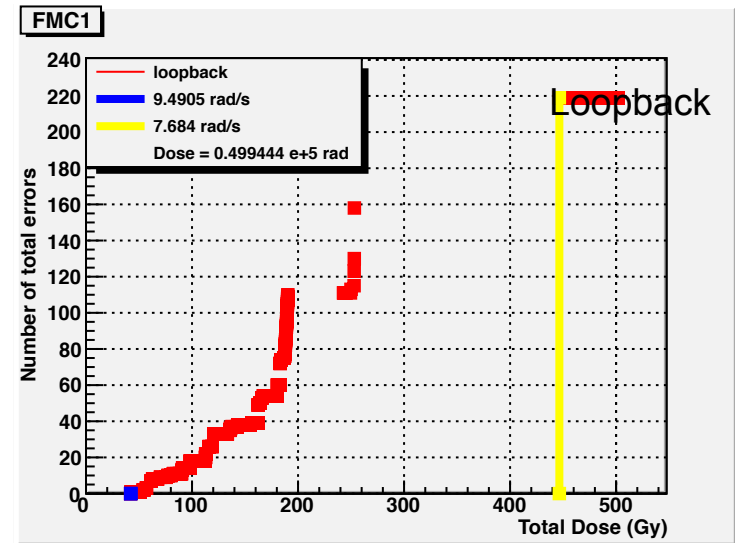
Without Step-error

@ PSI - FTTX_FT3A05D_3



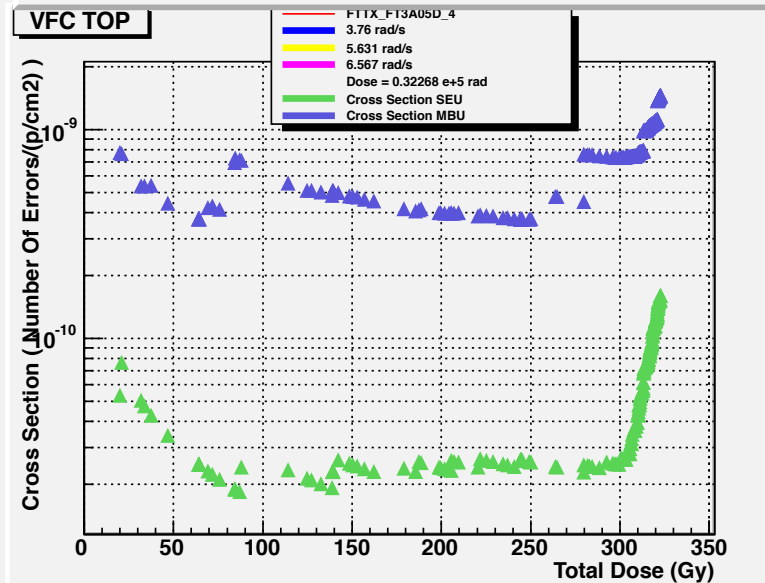
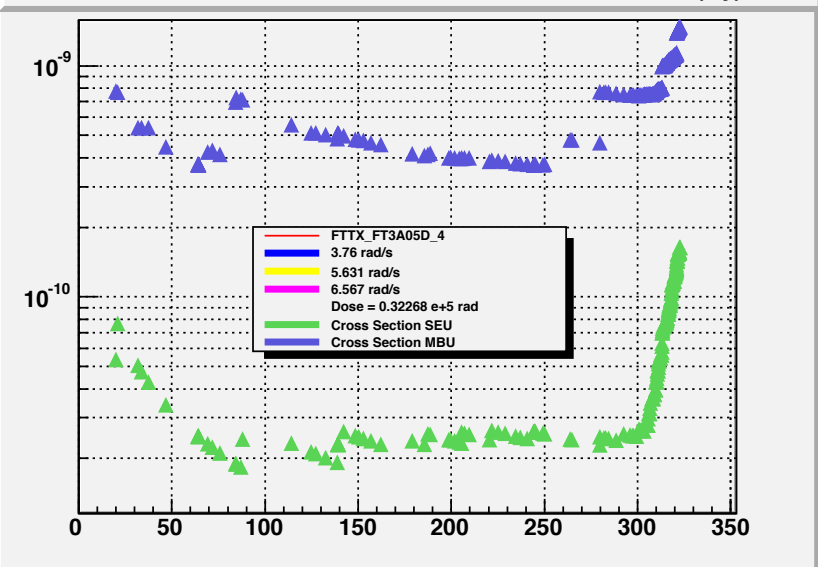
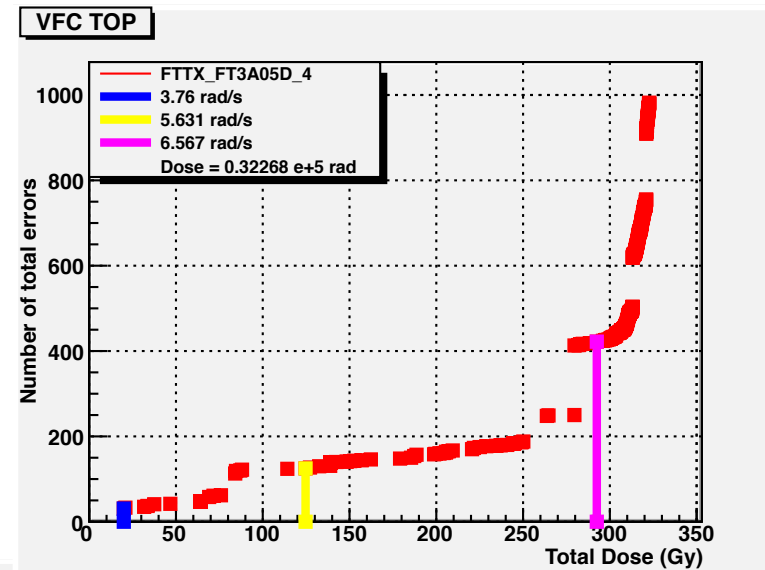
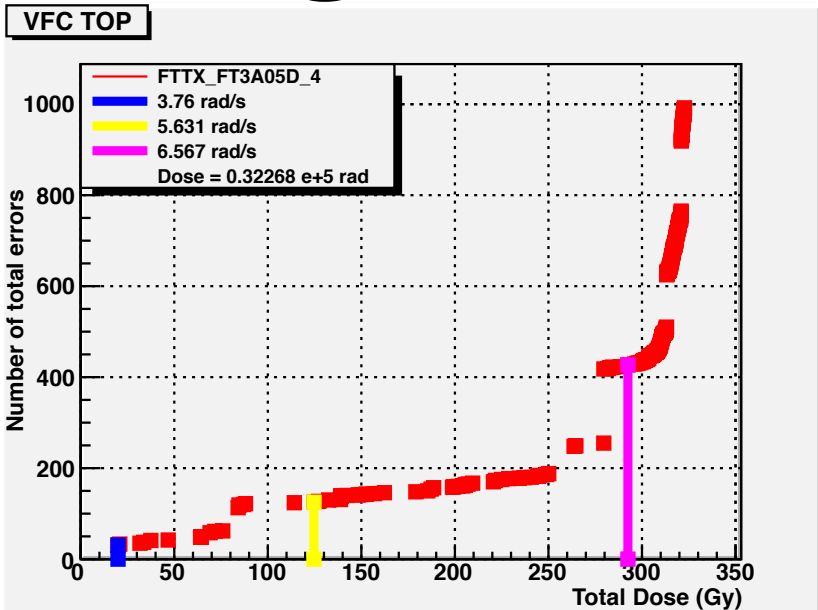
With Step-error

!=

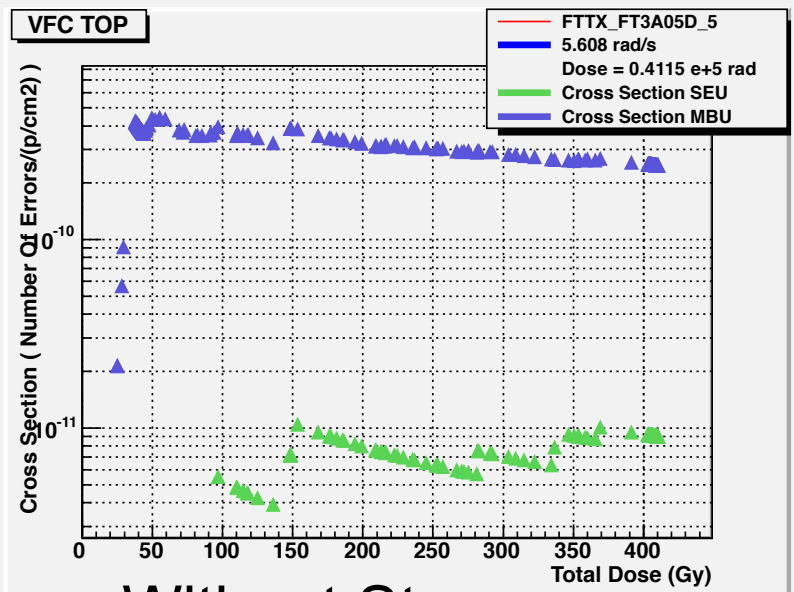
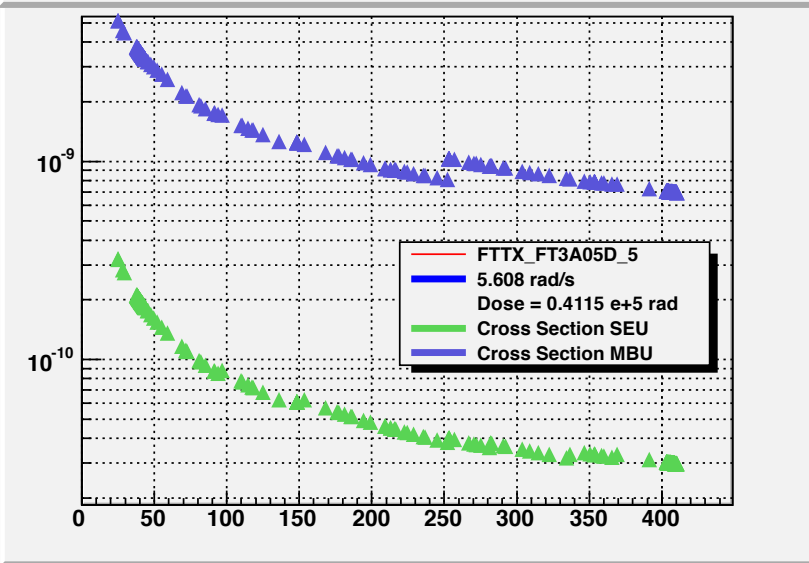
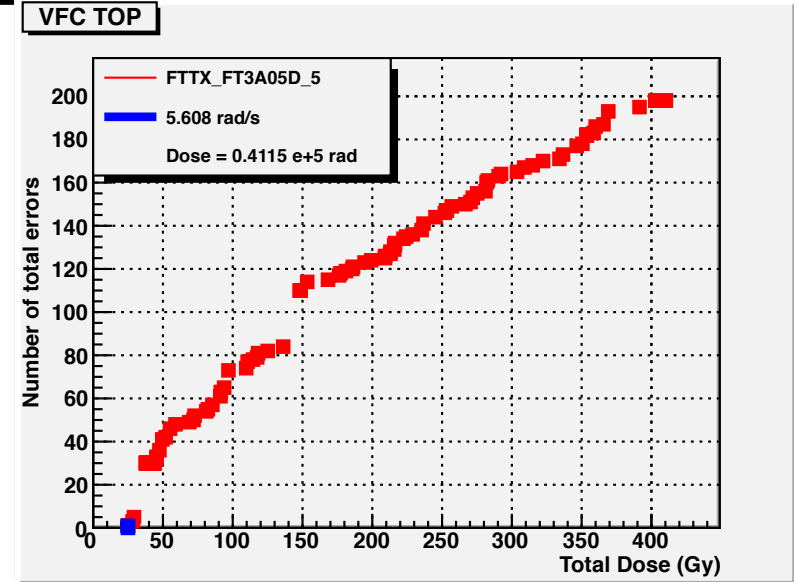
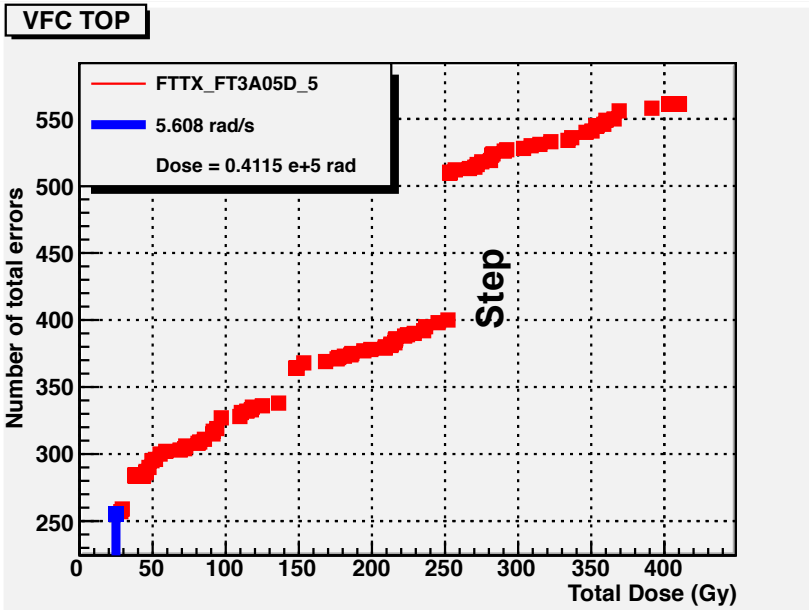


Without Step-error

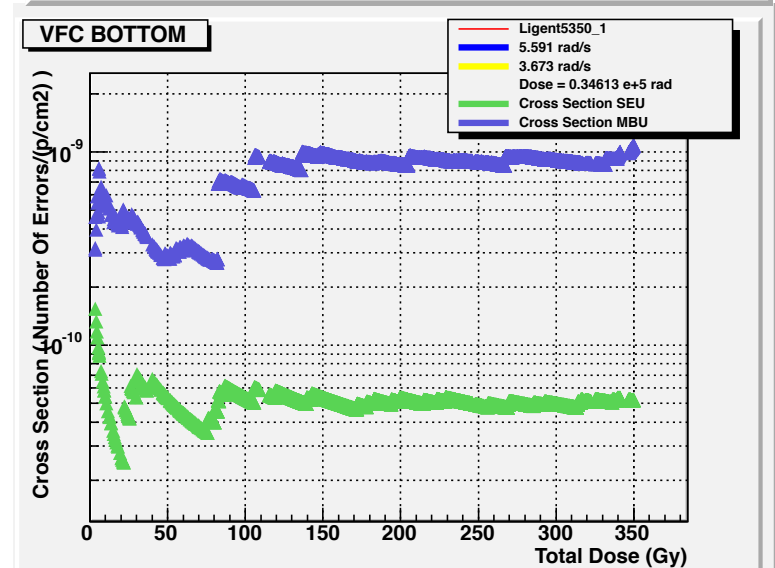
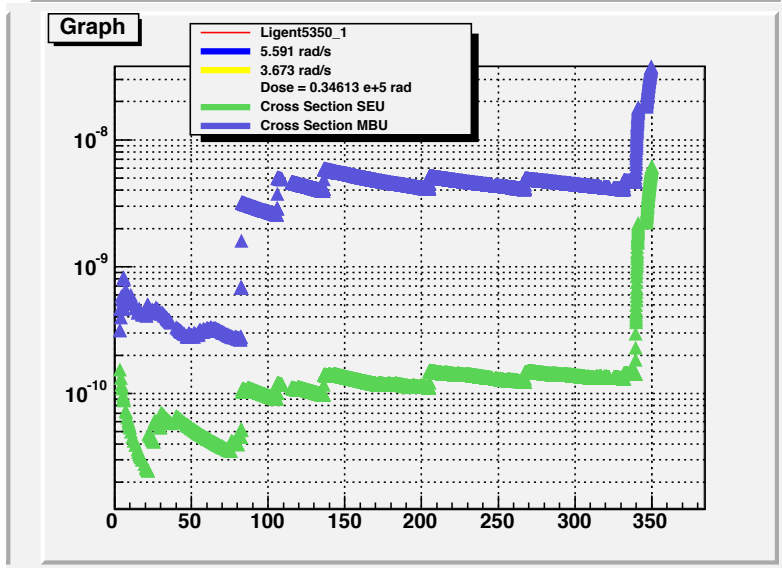
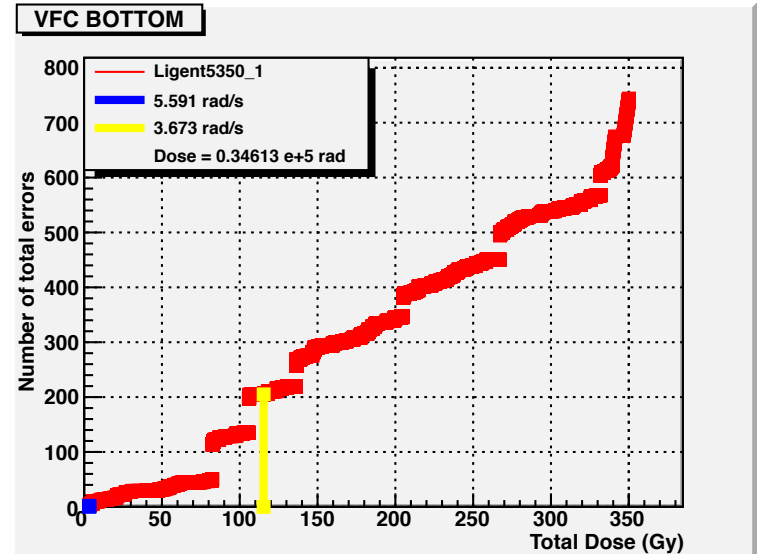
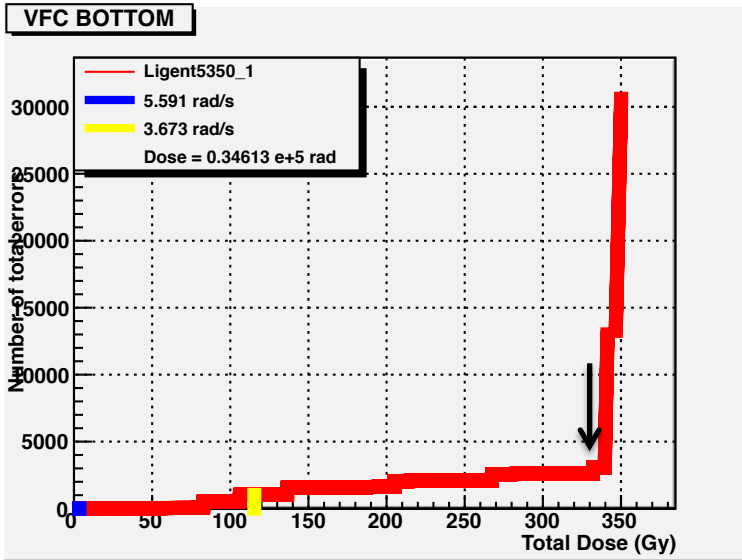
@ PSI - FTTX_FT3A05D_4



@ PSI - FTTX_FT3A05D_5



@ PSI - Ligent LTE5350_1

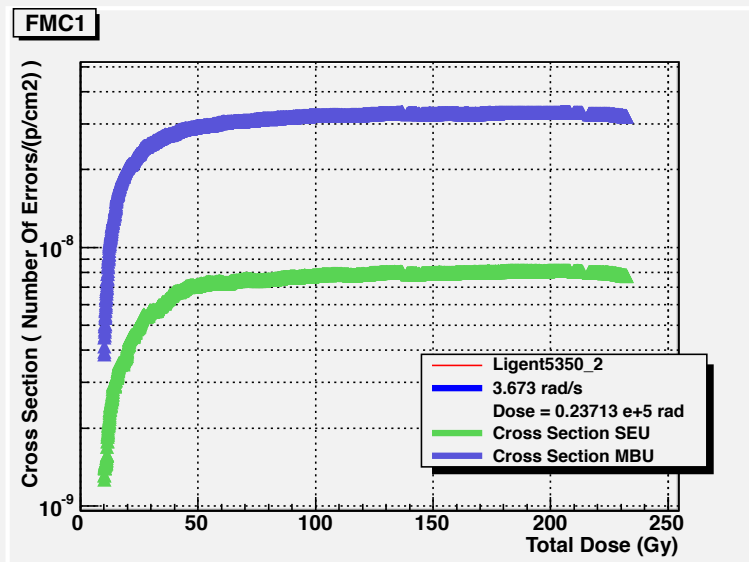
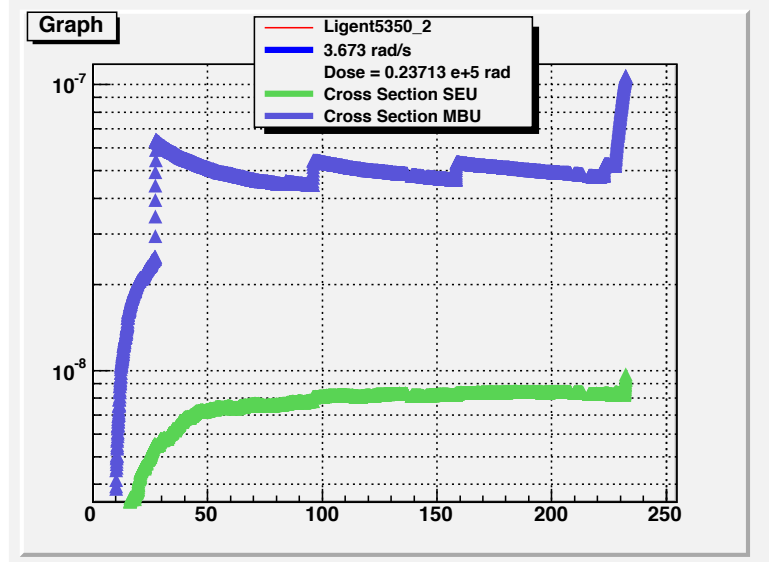
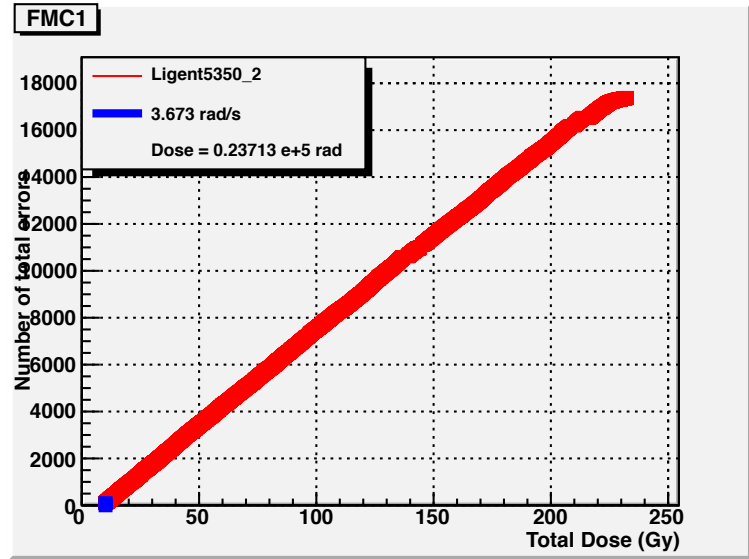
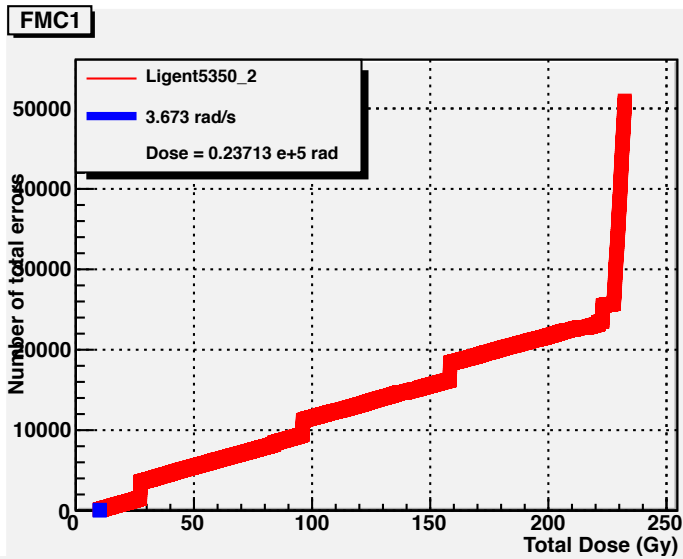


With Step-error

!=

Without Step-error

@ PSI - Ligent LTE5350_2

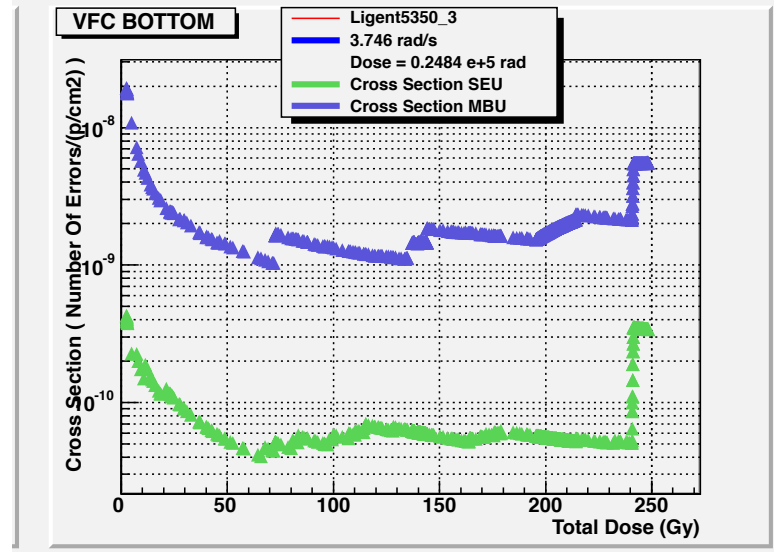
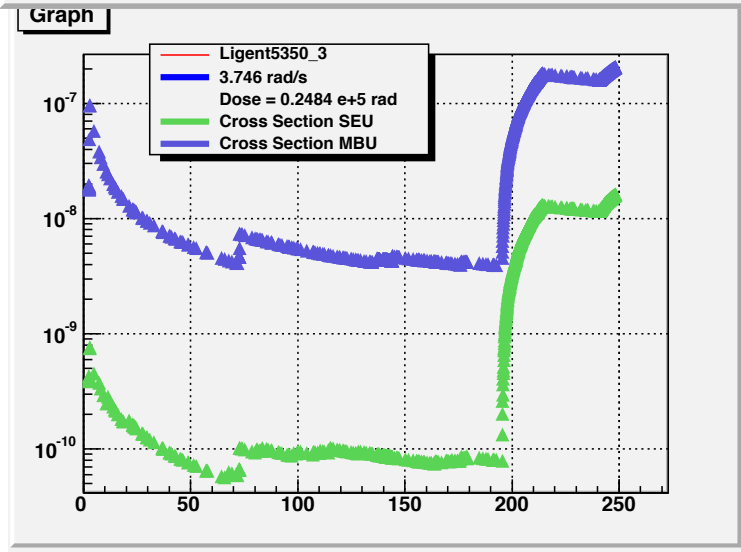
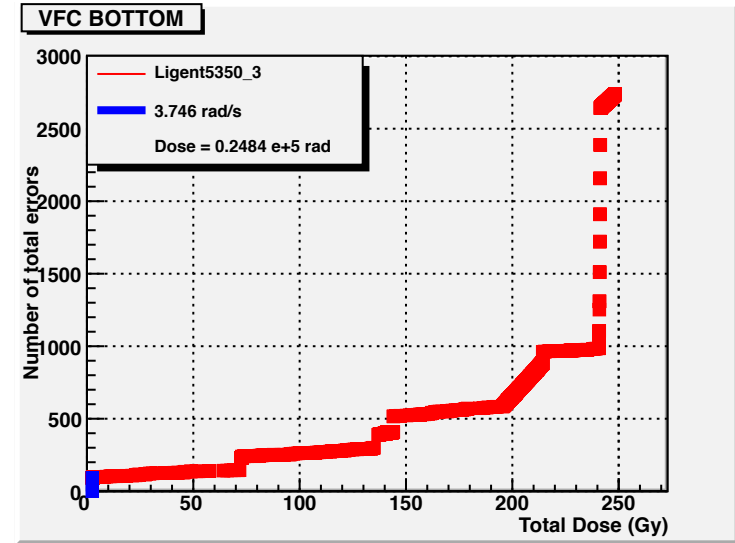
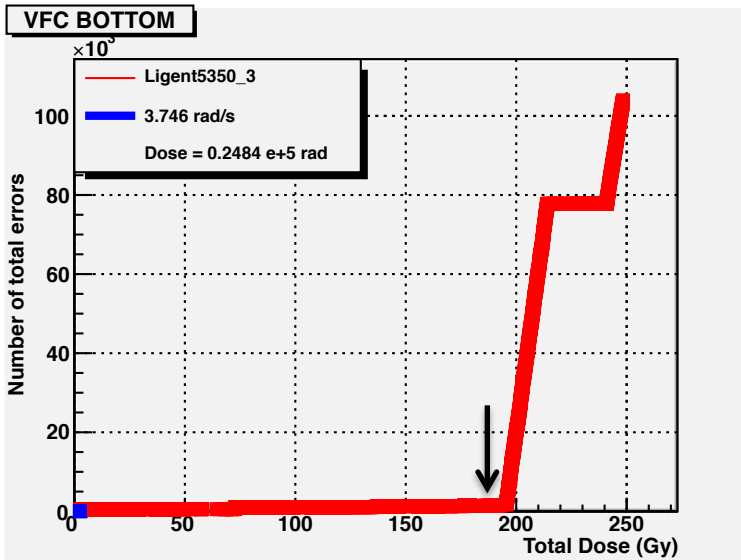


With Step-error

!=

Without Step-error

@ PSI - Ligent LTE5350_3

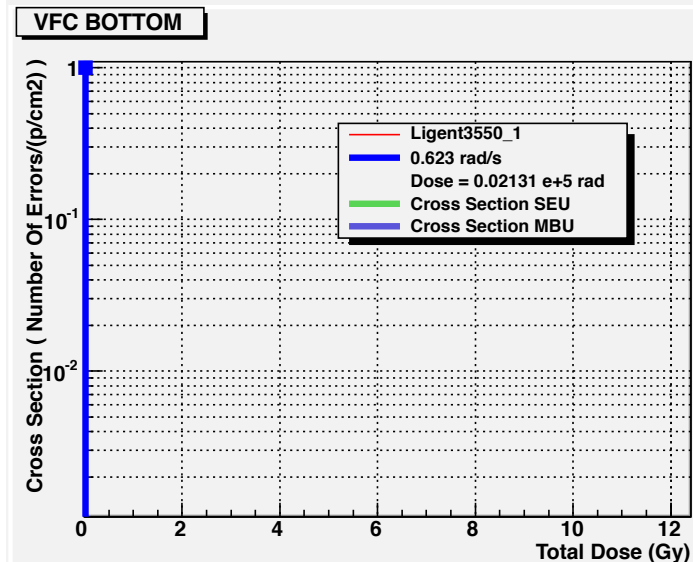
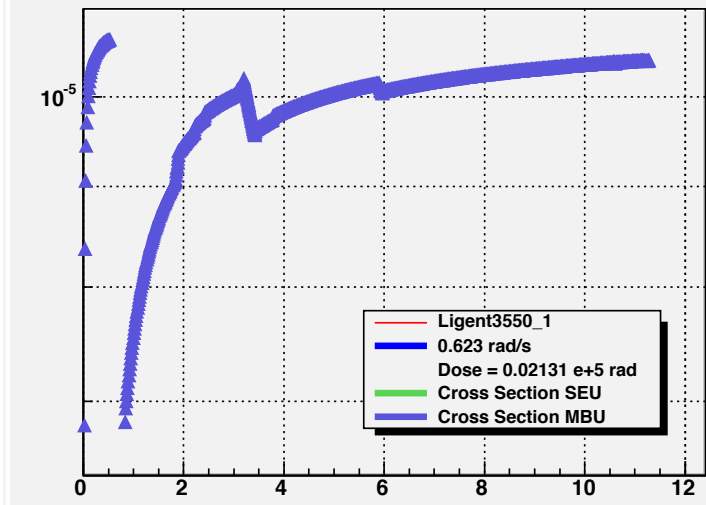
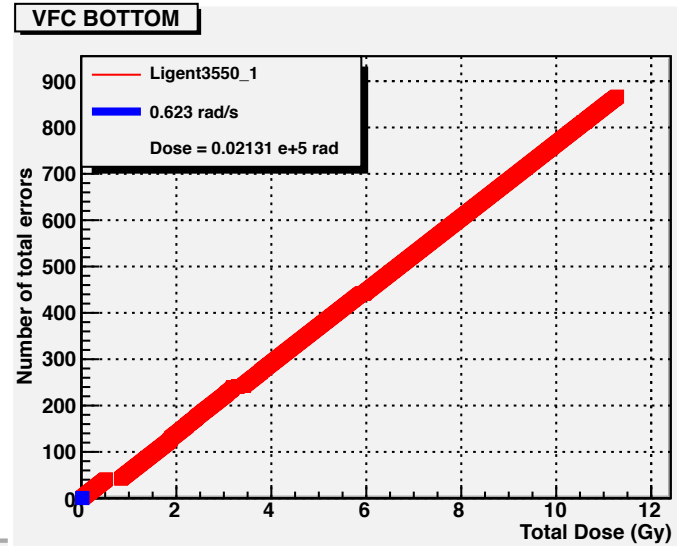
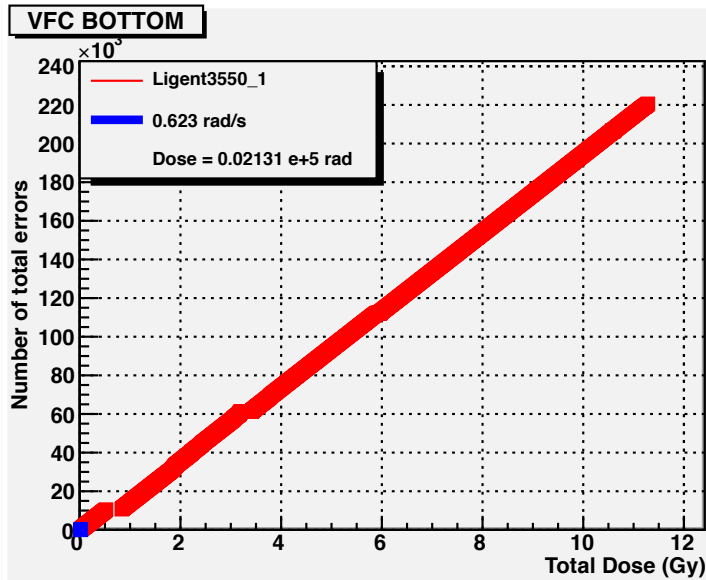


With Step-error

!=

Without Step-error

@ PSI - Ligent LTE3550_1

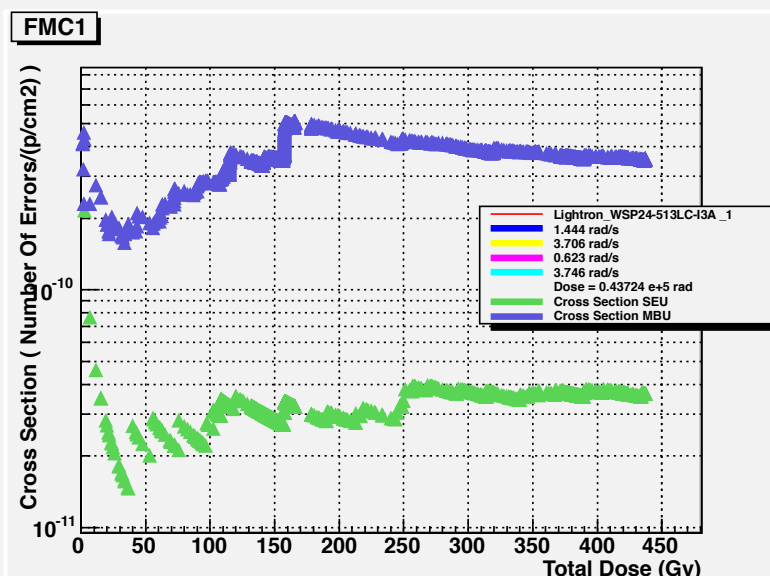
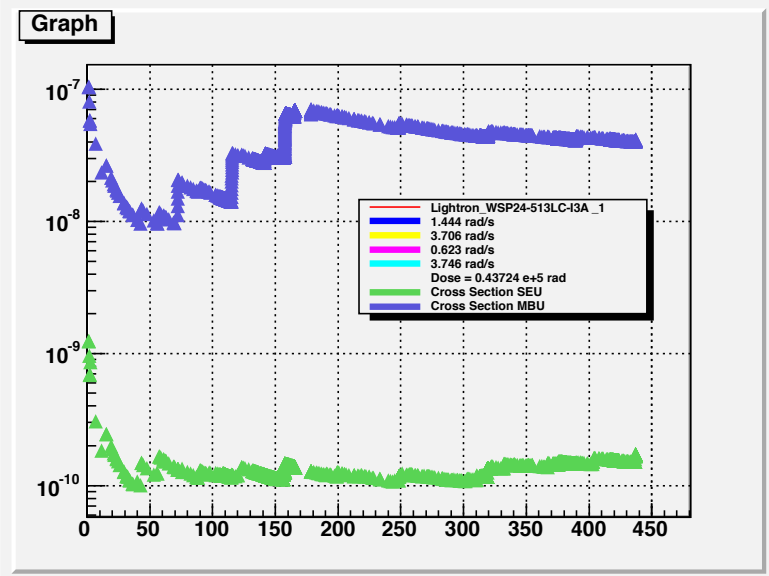
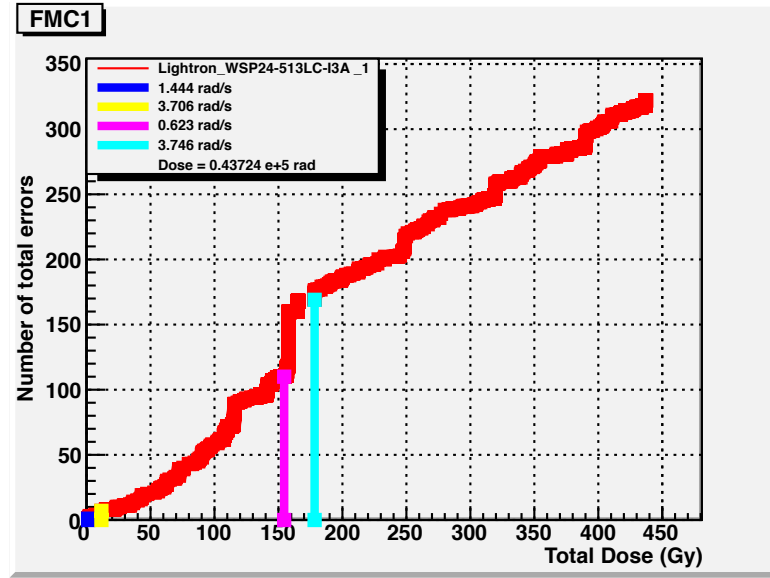
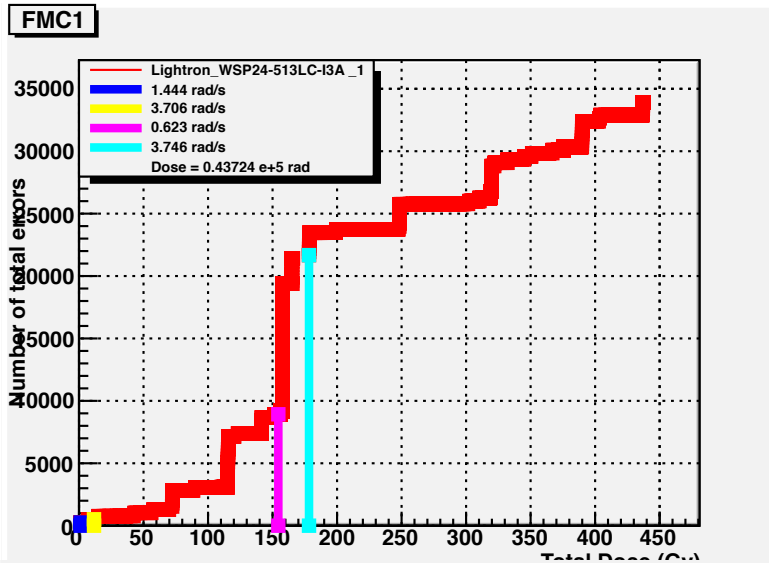


With Step-error

!=

Without Step-error

@ PSI - Lightron I3A 1

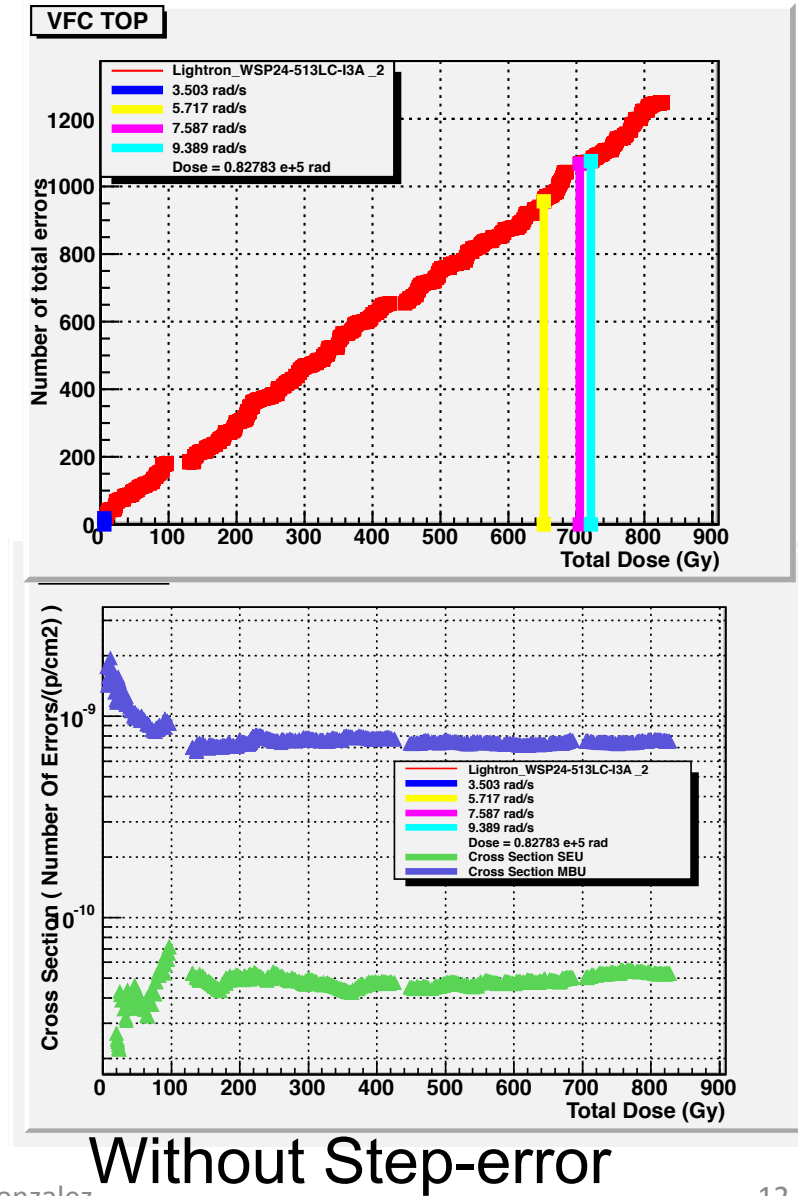
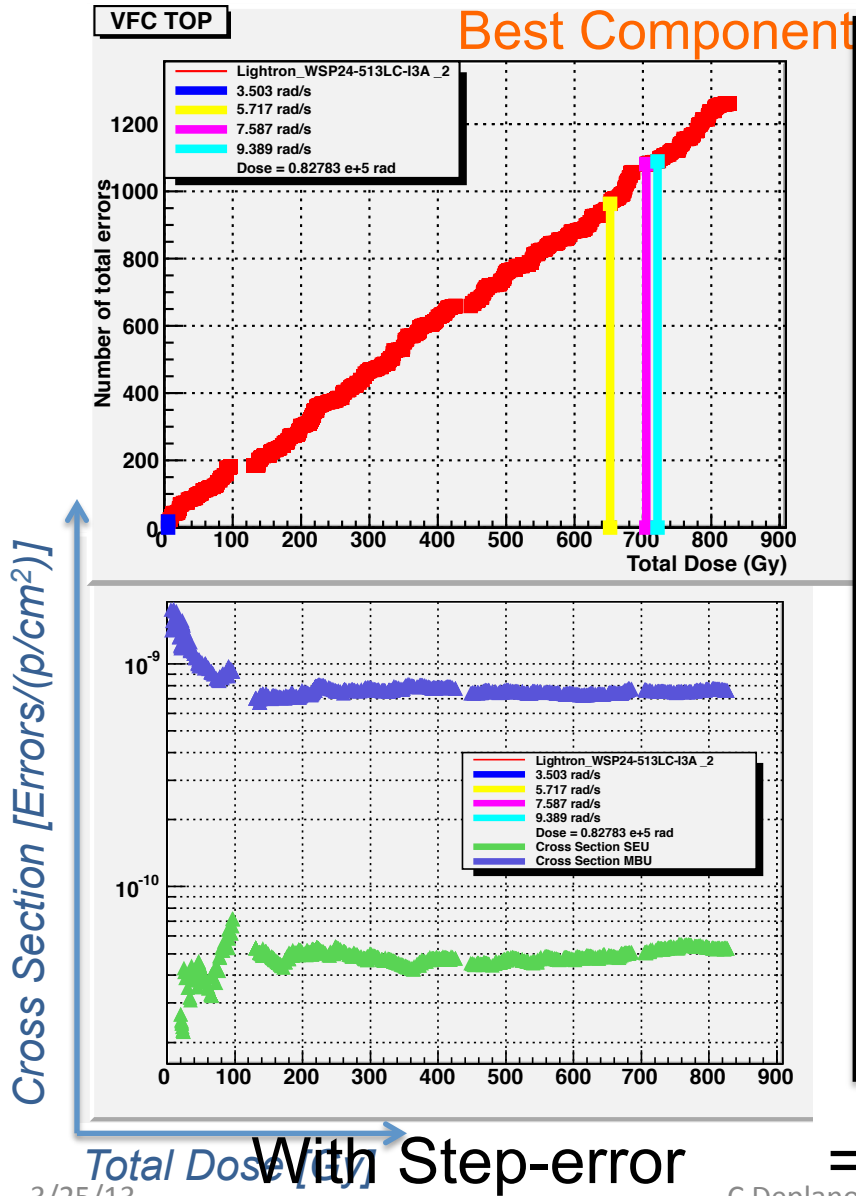


With Step-error

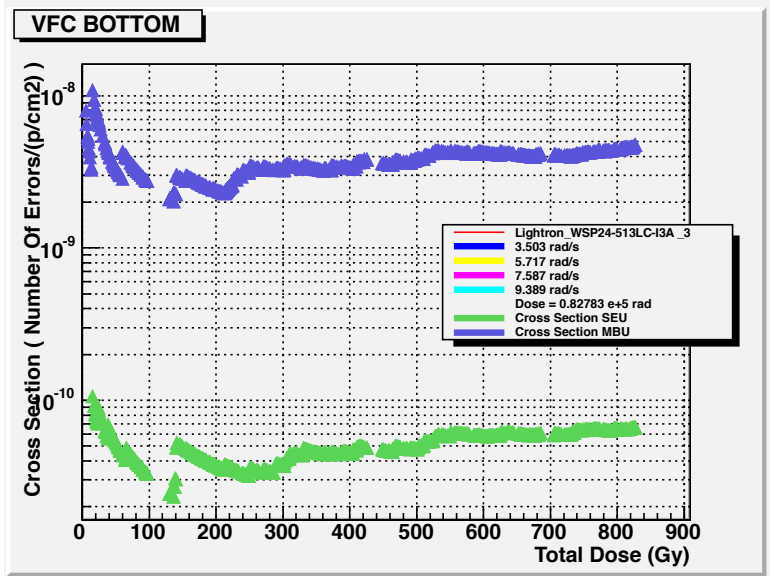
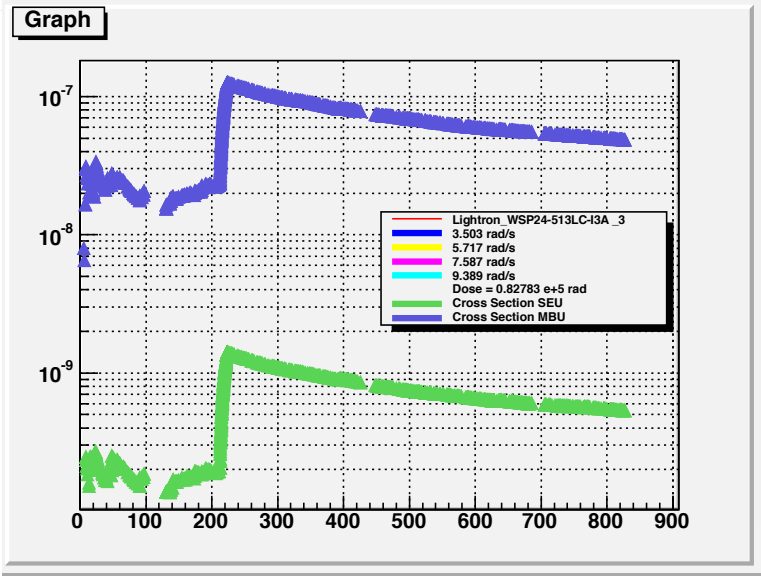
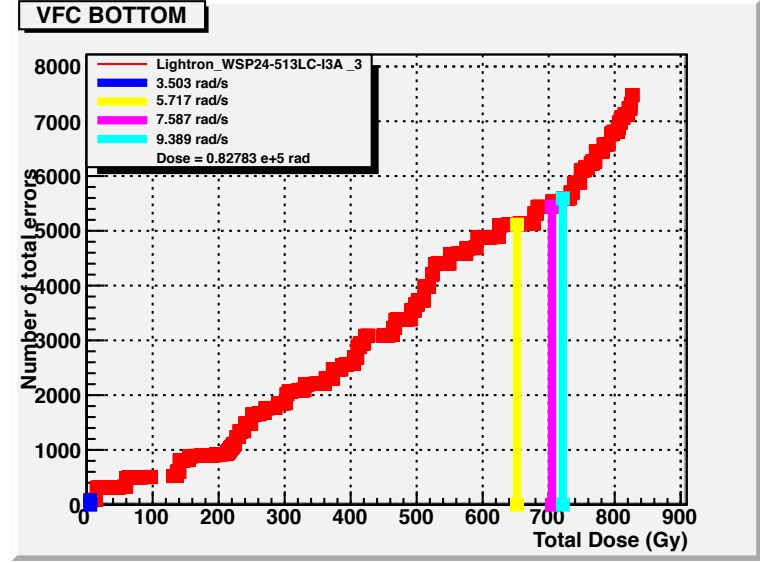
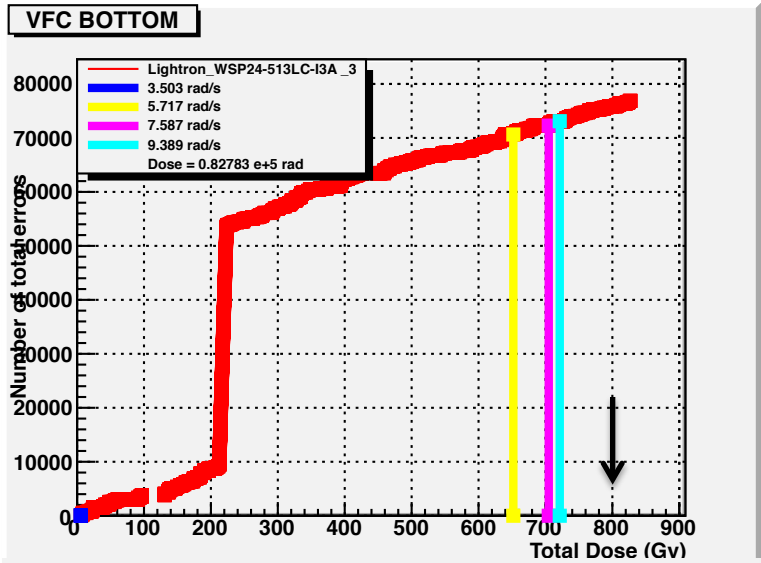
!=

Without Step-error

@ PSI - Lightron I3A_2



@ PSI - Lightron I3A_3

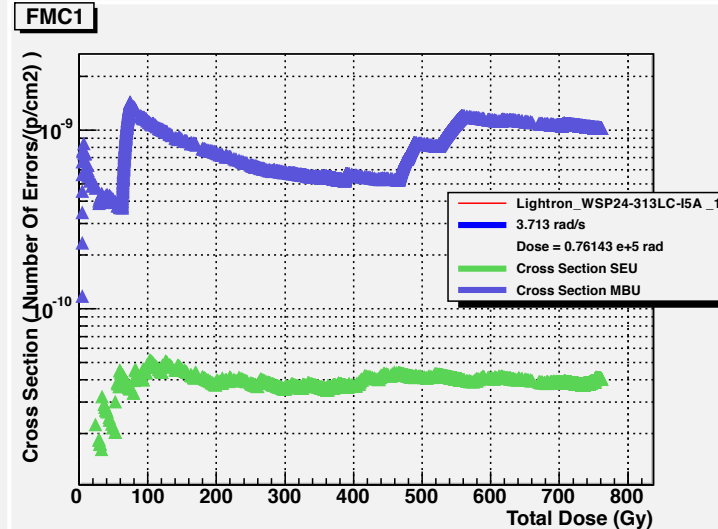
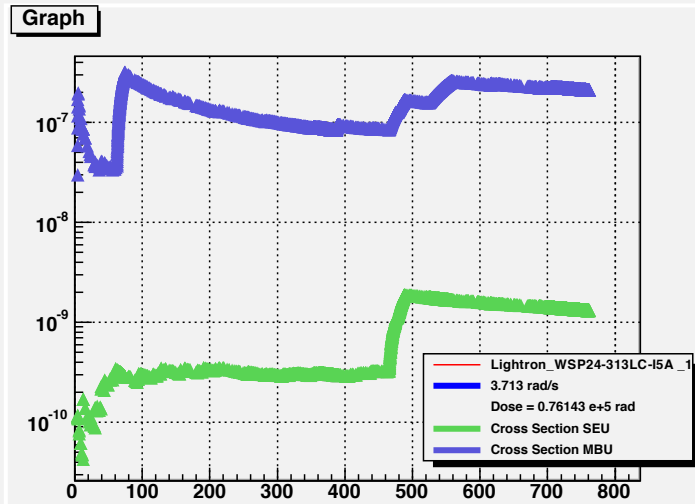
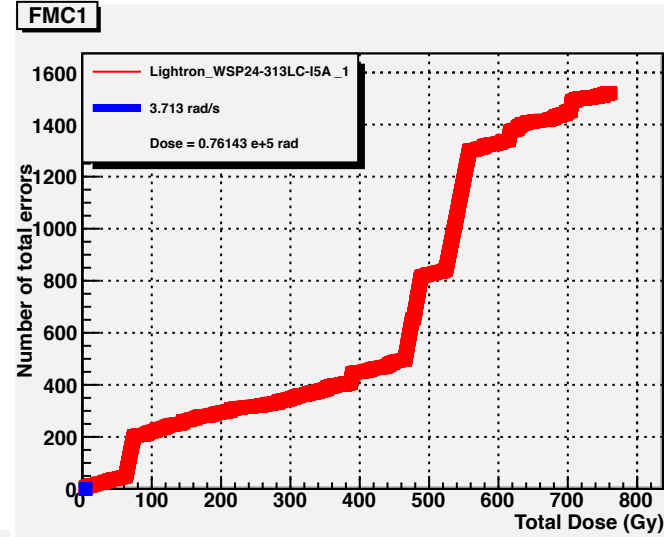
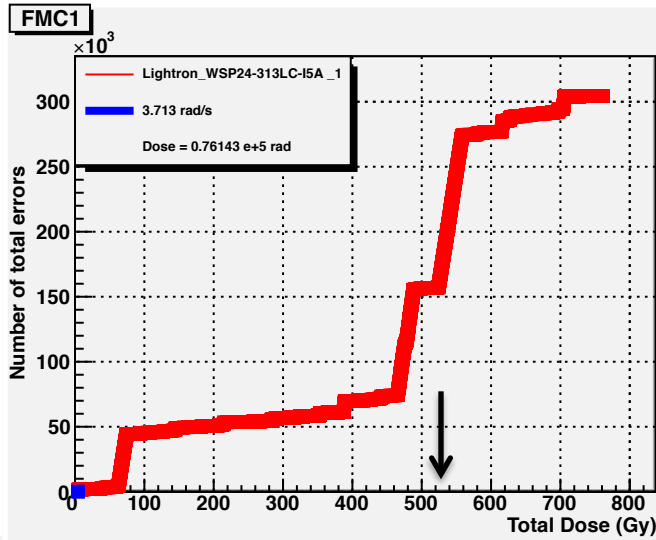


With Step-error

!=

Without Step-error

@ PSI - Lightron I5A_1

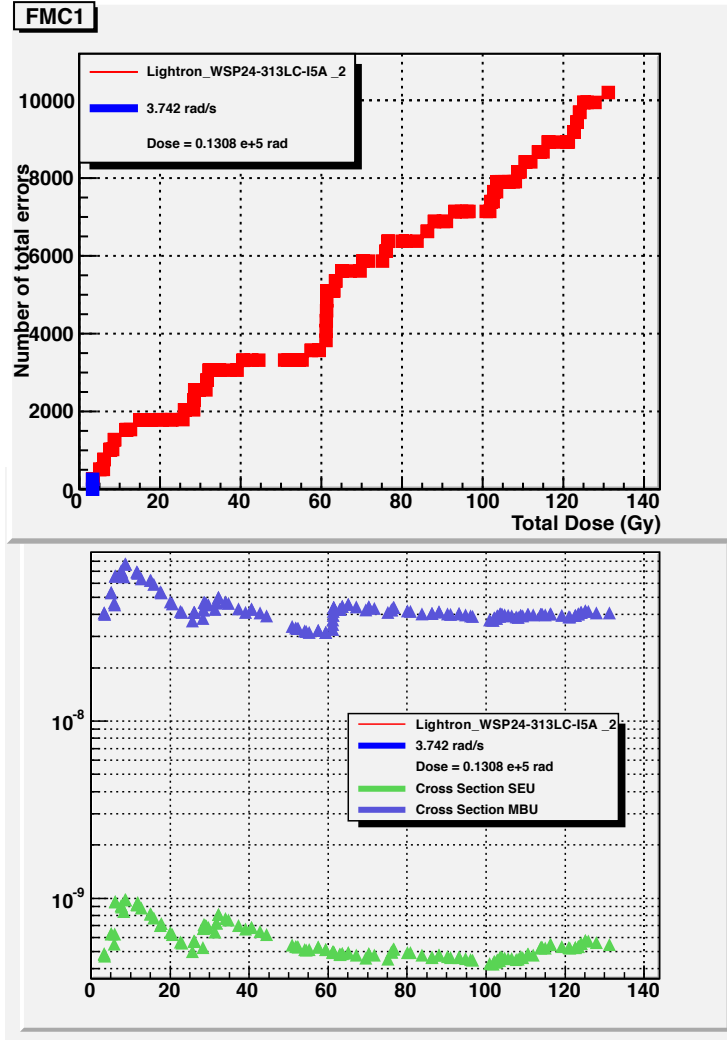


With Step-error

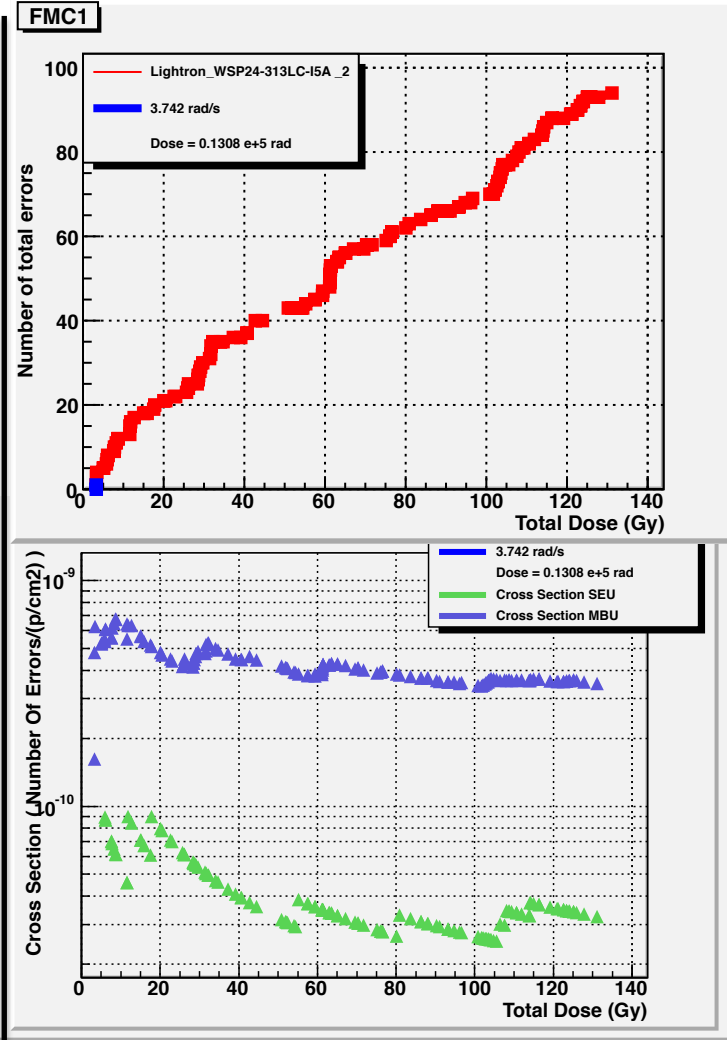
!=

Without Step-error

@ PSI - Lightron I5A_2



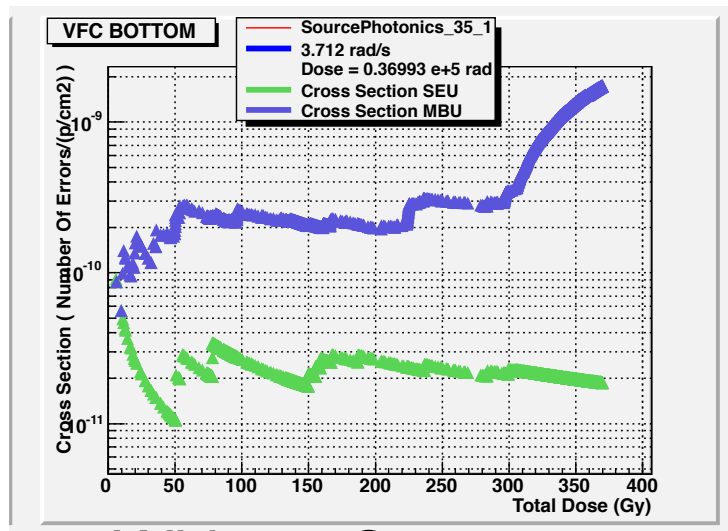
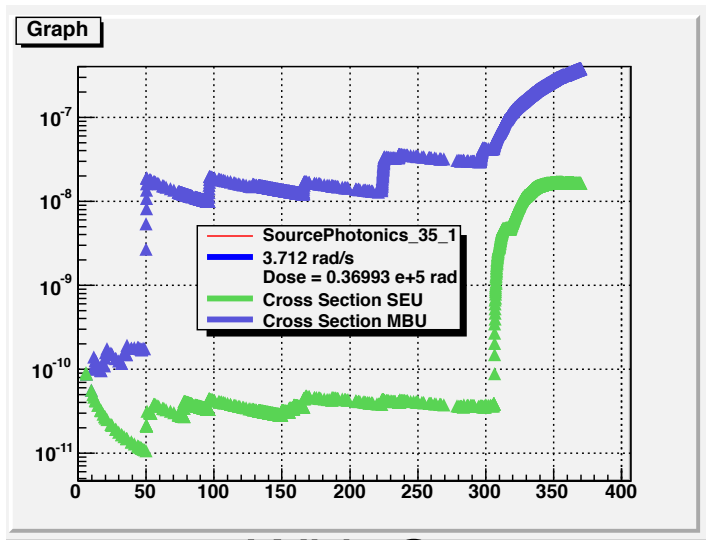
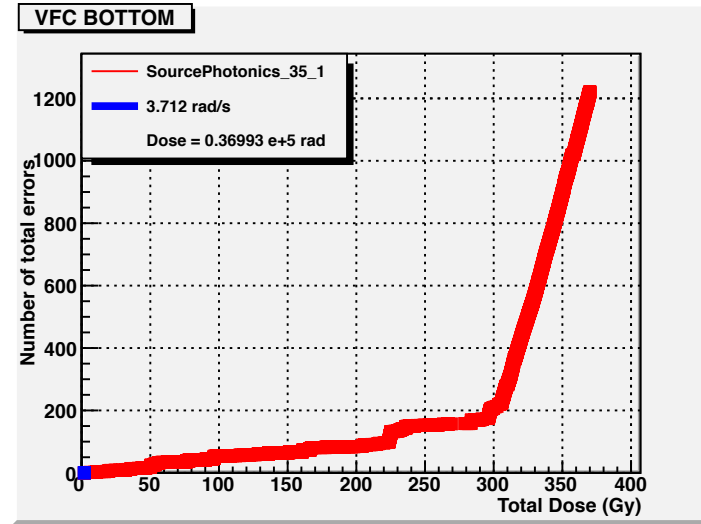
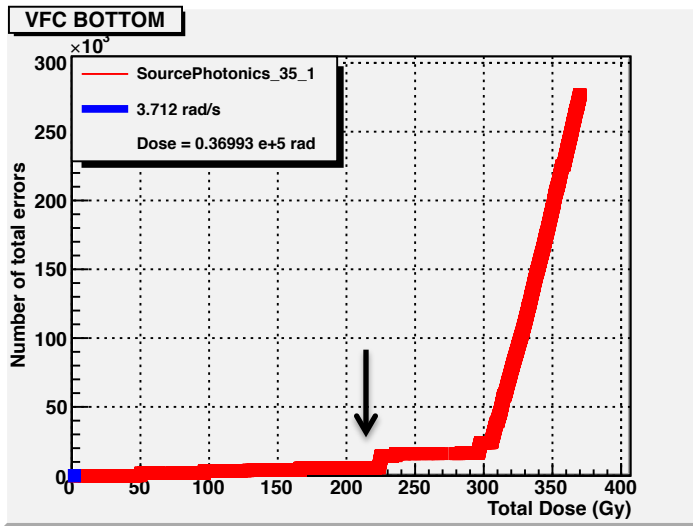
With Step-error



Without Step-error

!=

@ PSI - Source Photonics 35_1

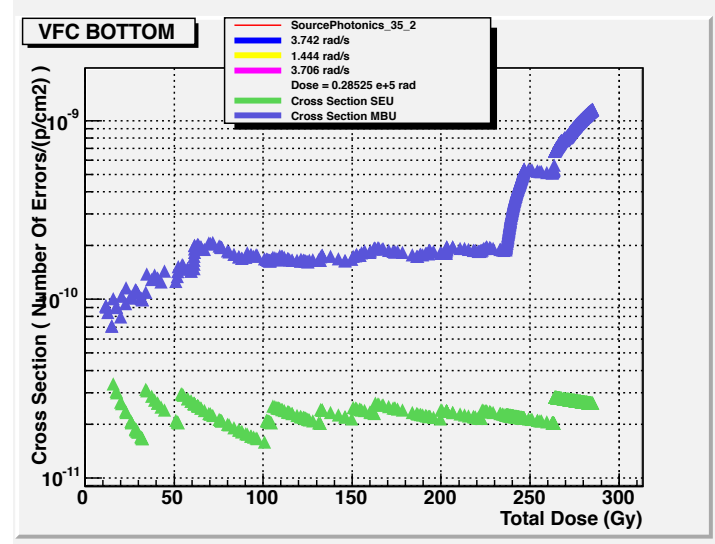
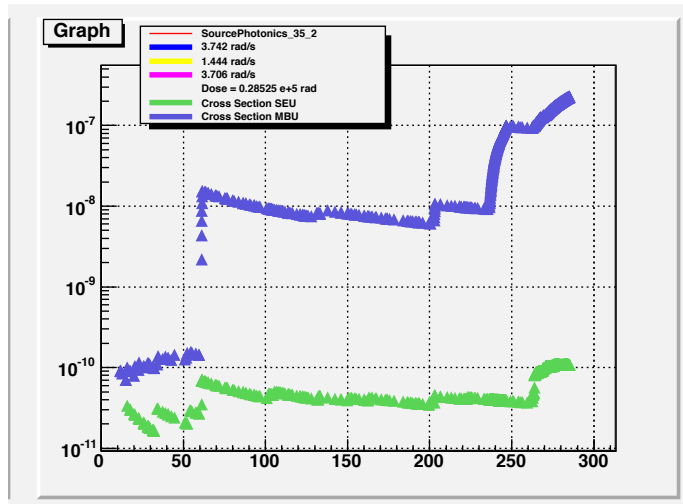
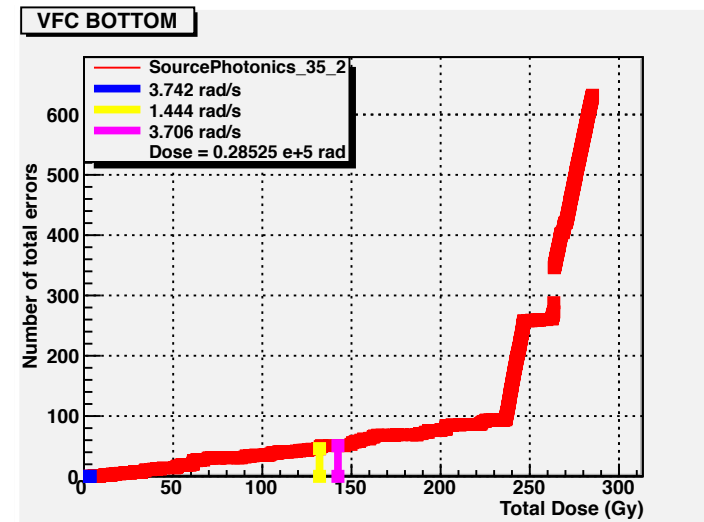
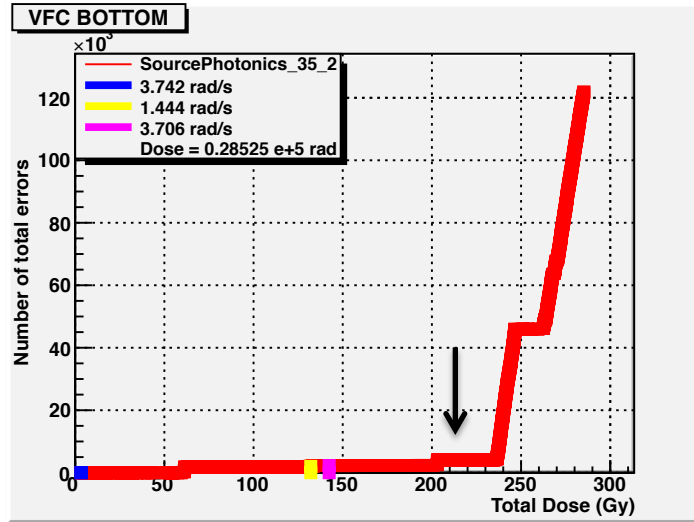


With Step-error

!=

Without Step-error

@ PSI - Source Photonics 35_2

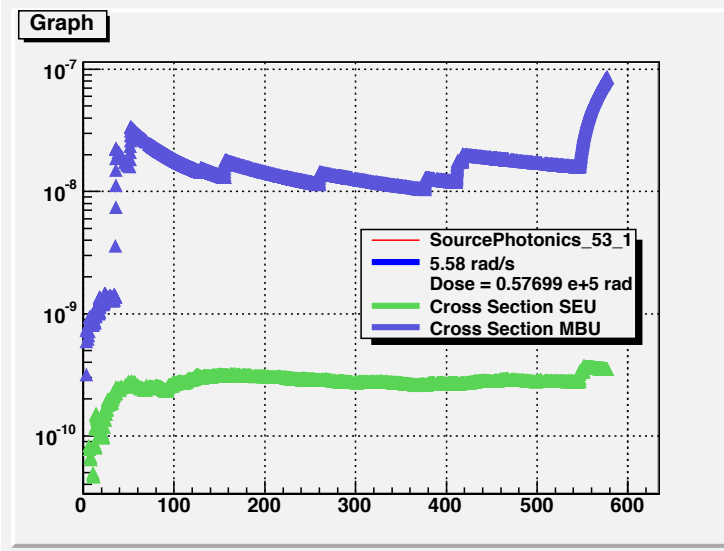
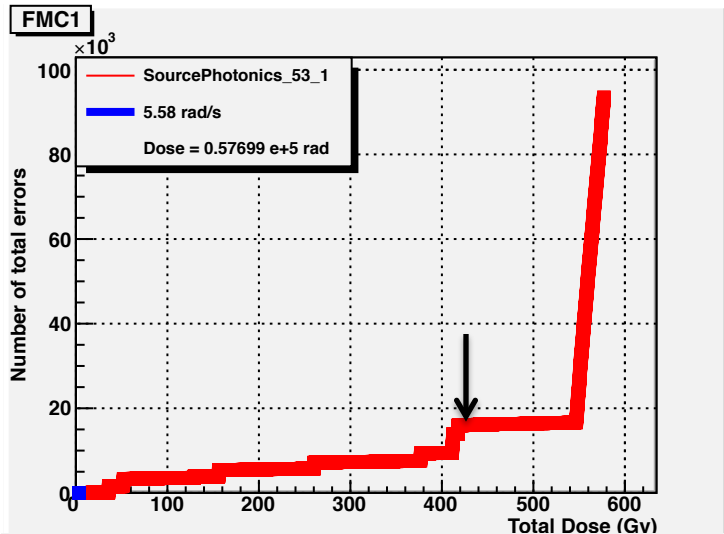


With Step-error

!=

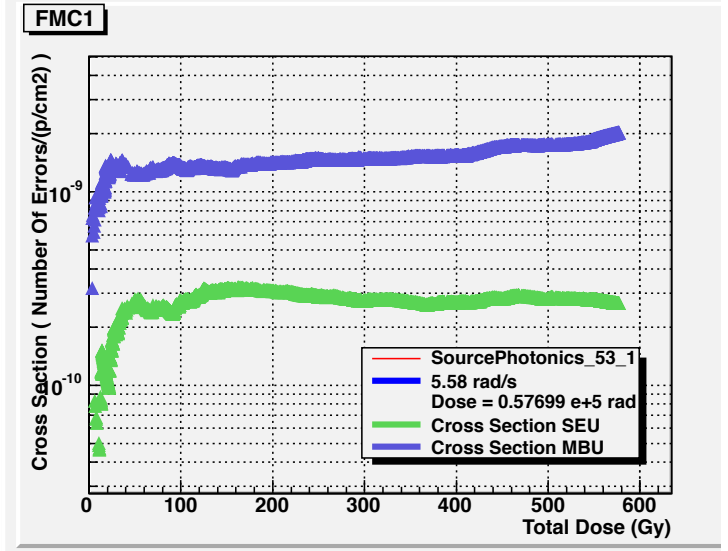
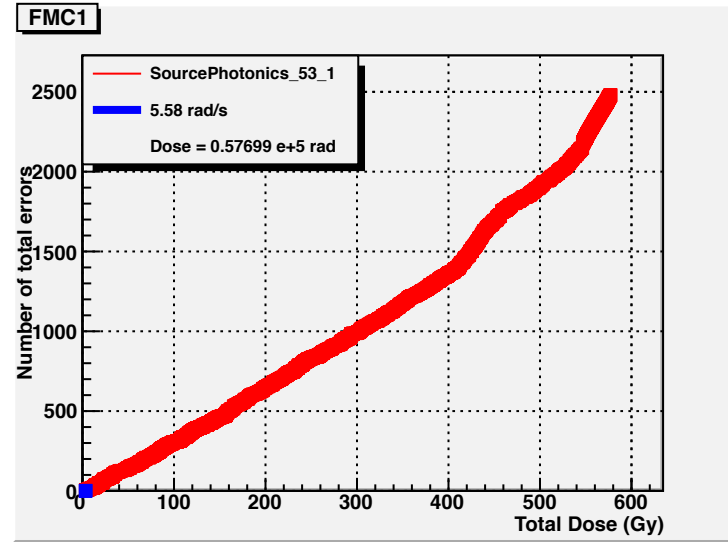
Without Step-error

@ PSI - Source Photonics 53 1



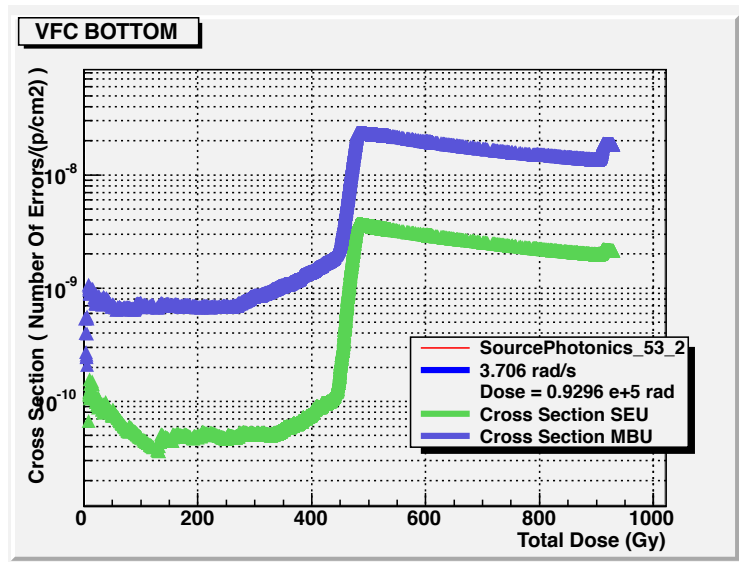
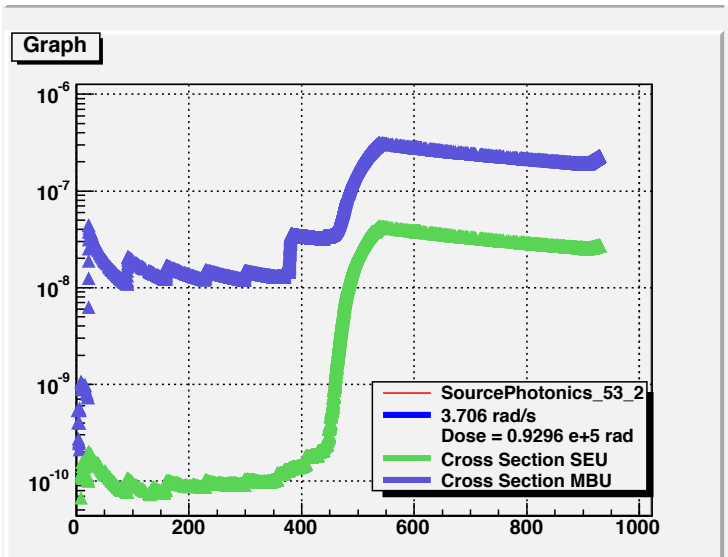
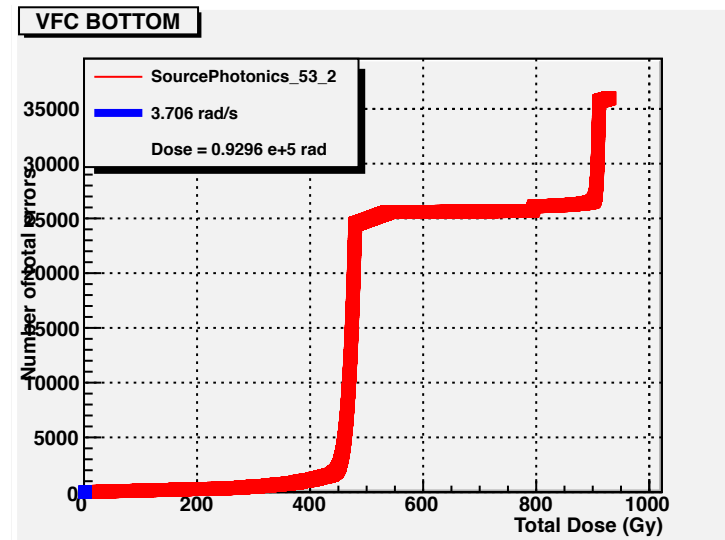
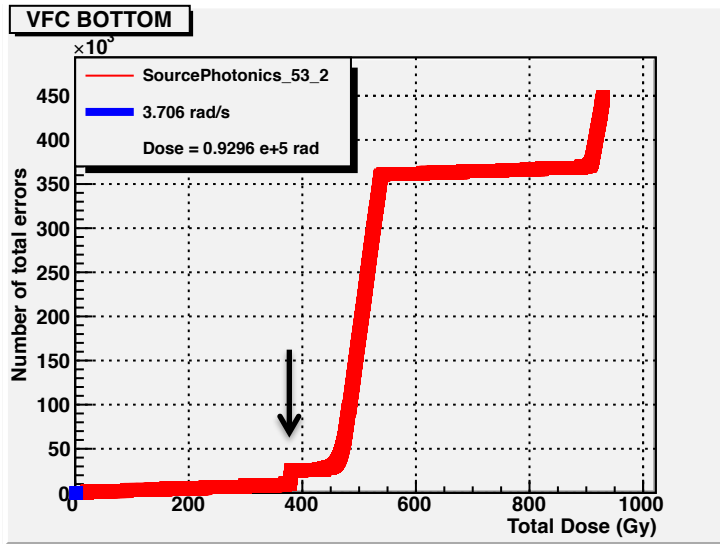
With Step-error

!=



Without Step-error

@ PSI - Source Photonics 53_2

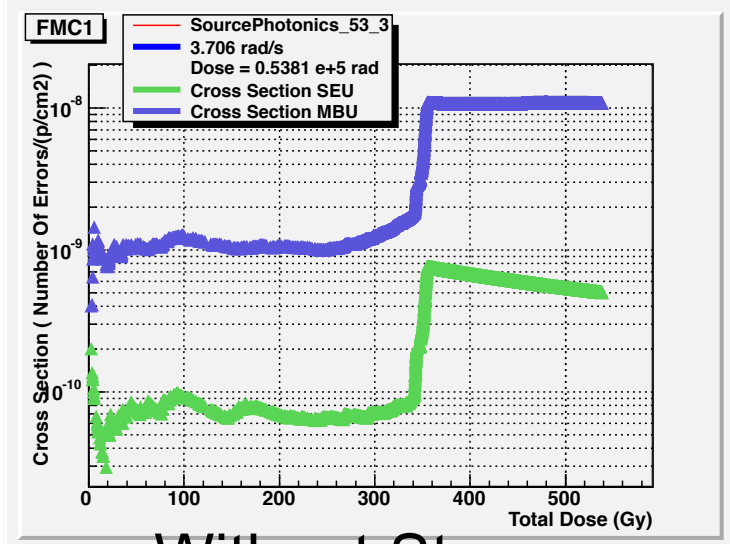
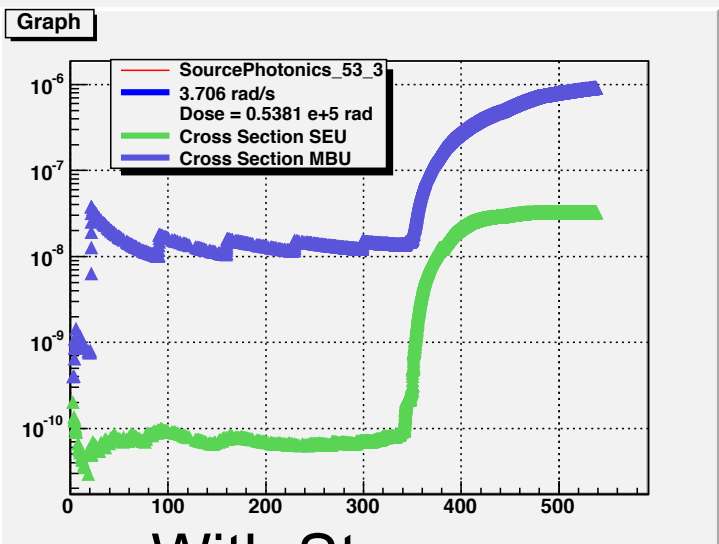
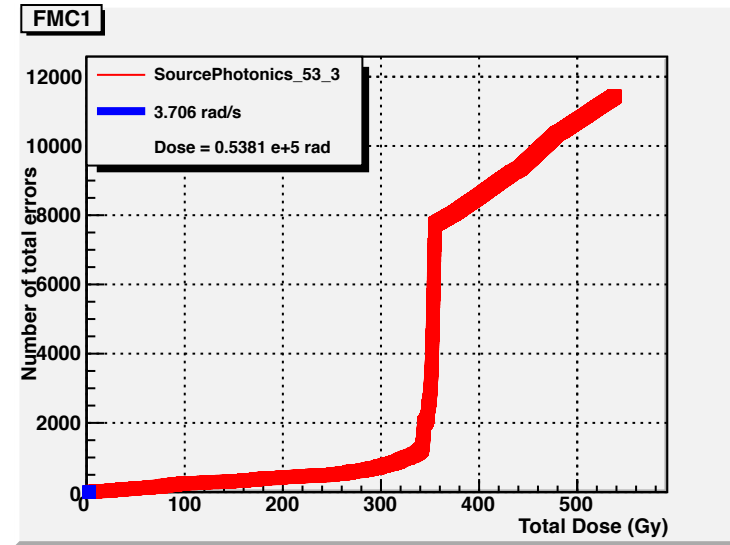
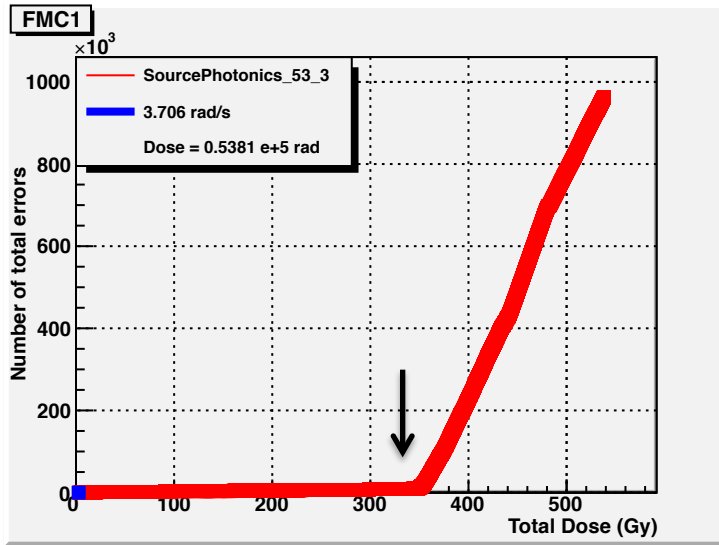


With Step-error

!=

Without Step-error

@ PSI - Source Photonics 53_3

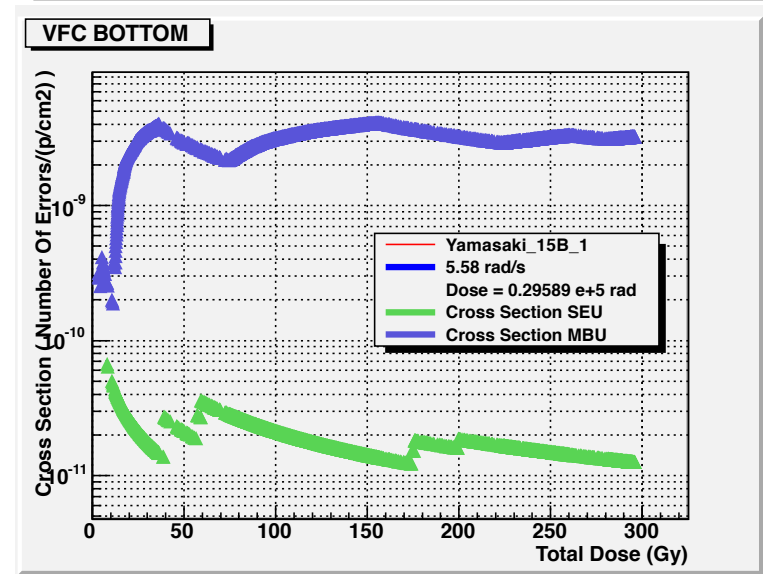
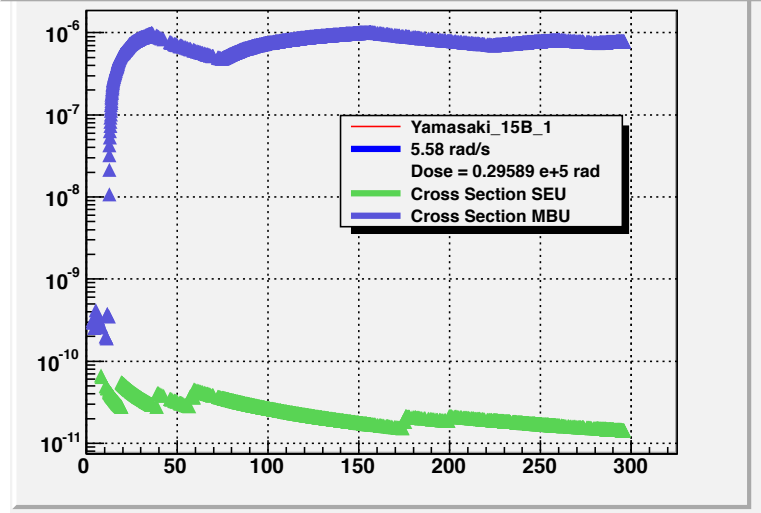
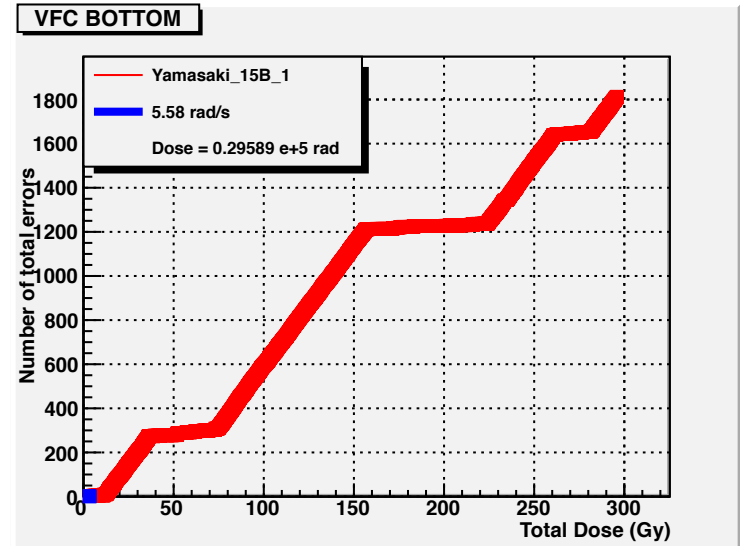
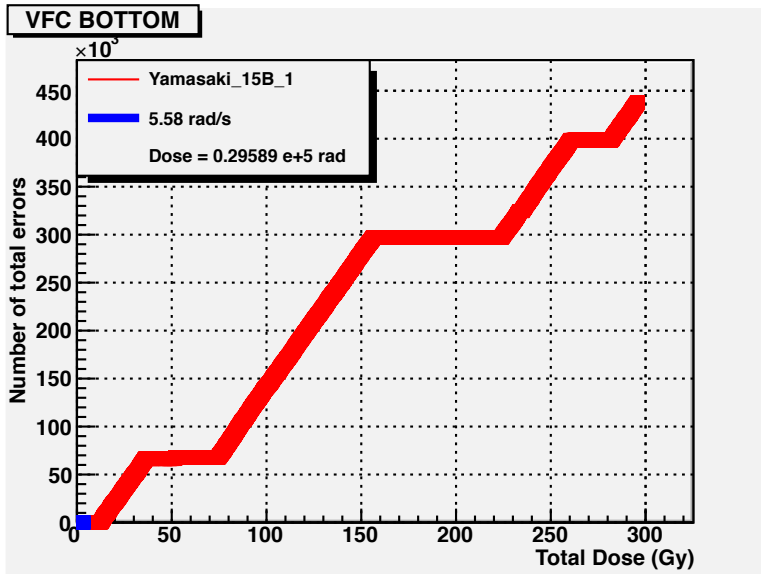


With Step-error

!=

Without Step-error

@ PSI – Yamasaki B

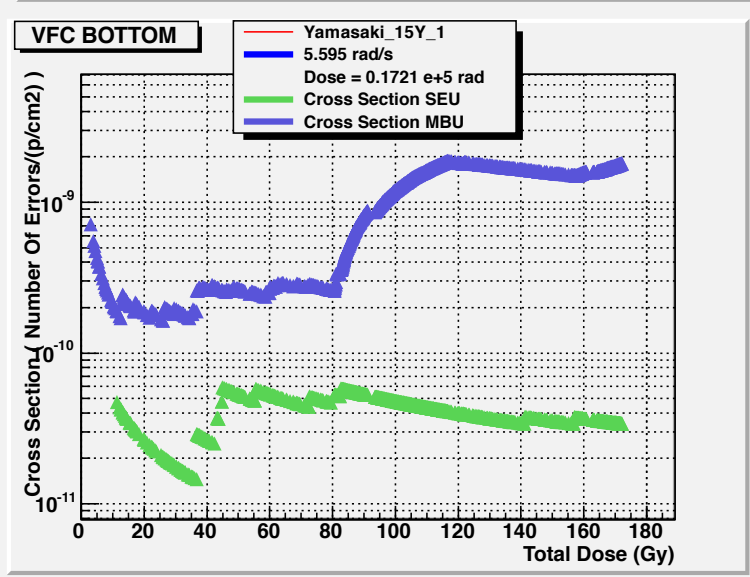
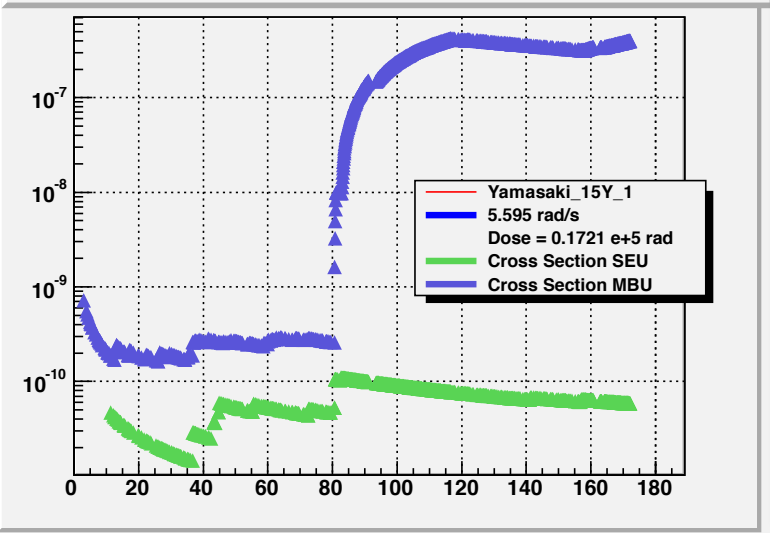
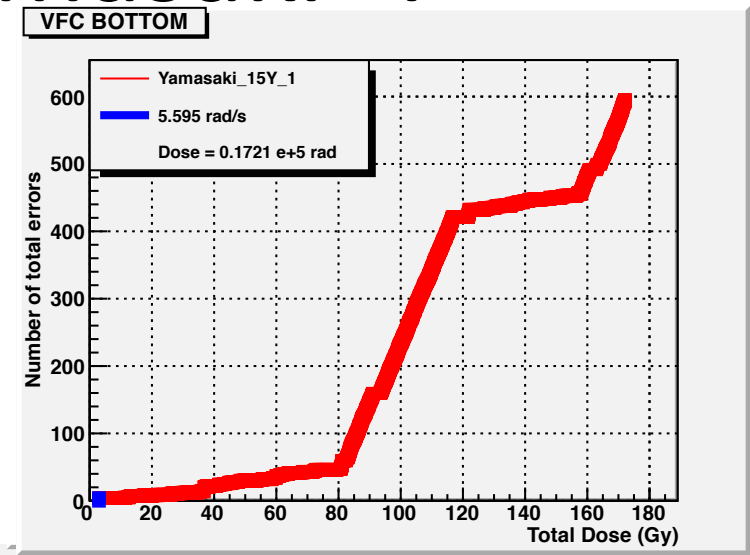
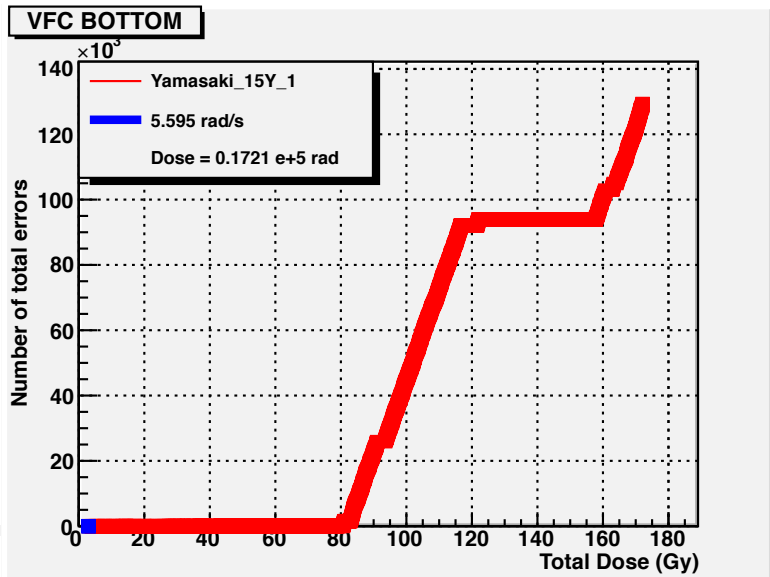


With Step-error

!=

Without Step-error

@ PSI – Yamasaki Y

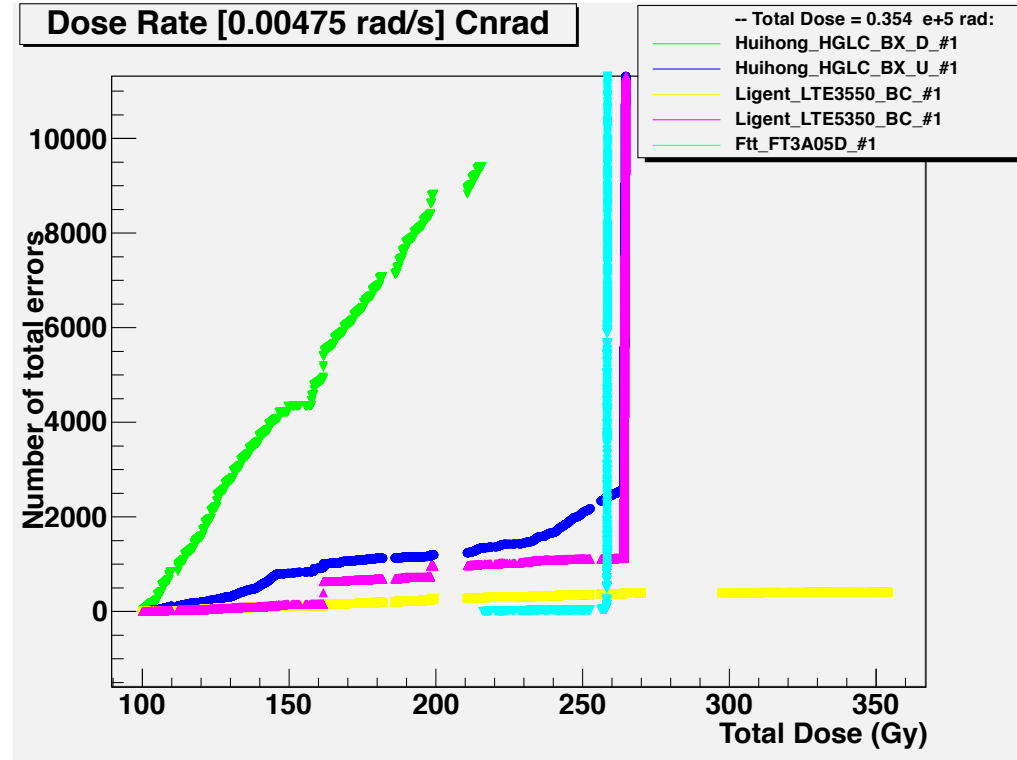
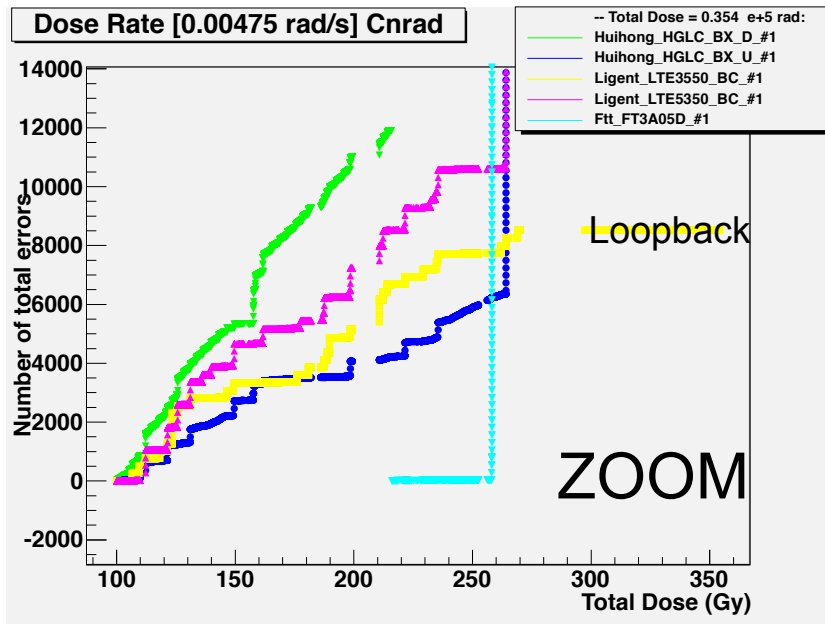


With Step-error

!=

Without Step-error

@ CNRAD – Run Jun-Aug 2012



With Step-error

!=

Without Step-error

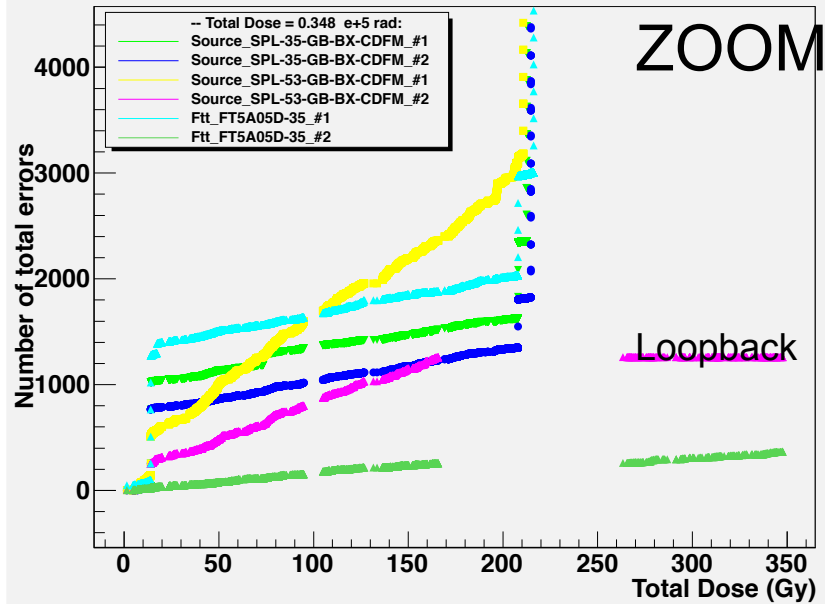
@ CNRAD – Cross Section

with Step-Error				
TotalDose [Gy]	144.4714296	198.5234542	354.241007	
Huihong_HGLC_BX_D_#1	2.86E-10	4.16E-10		SEU
Huihong_HGLC_BX_D_#1	4.59E-09	7.54E-09		MBU
Huihong_HGLC_BX_U_#1	7.79E-11	9.35E-11		SEU
Huihong_HGLC_BX_U_#1	2.02E-09	2.86E-09		MBU
Ligent_LTE3550_BC_#1	1.46E-11	1.81E-11		SEU
Ligent_LTE3550_BC_#1	2.74E-09	3.71E-09		MBU
Ligent_LTE5350_BC_#1	5.74E-11	1.00E-10		SEU
Ligent_LTE5350_BC_#1	3.73E-09	5.14E-09		MBU

without Step-Error				
TotalDose [Gy]	144.4714296	198.5234542	354.241007	
Huihong_HGLC_BX_D_#1	2.48E-10	3.84E-10		SEU
Huihong_HGLC_BX_D_#1	3.66E-09	5.99E-09		MBU
Huihong_HGLC_BX_U_#1	5.94E-11	7.68E-11		SEU
Huihong_HGLC_BX_U_#1	6.64E-10	7.93E-10		MBU
Ligent_LTE3550_BC_#1	1.36E-11	1.67E-11		SEU
Ligent_LTE3550_BC_#1	8.76E-11	1.83E-10		MBU
Ligent_LTE5350_BC_#1	2.24E-11	6.45E-11		SEU
Ligent_LTE5350_BC_#1	9.83E-11	6.39E-10		MBU

@ CNRAD – Run Aug-Dec 2012

Dose Rate [0.00554 rad/s] Cnrad

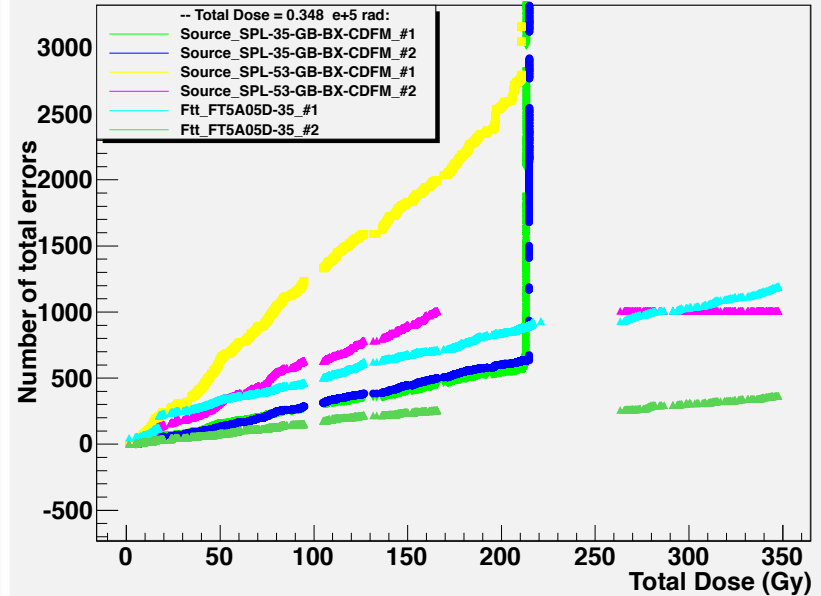


With Step-error

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Without Step-error

Dose Rate [0.00554 rad/s] Cnrad

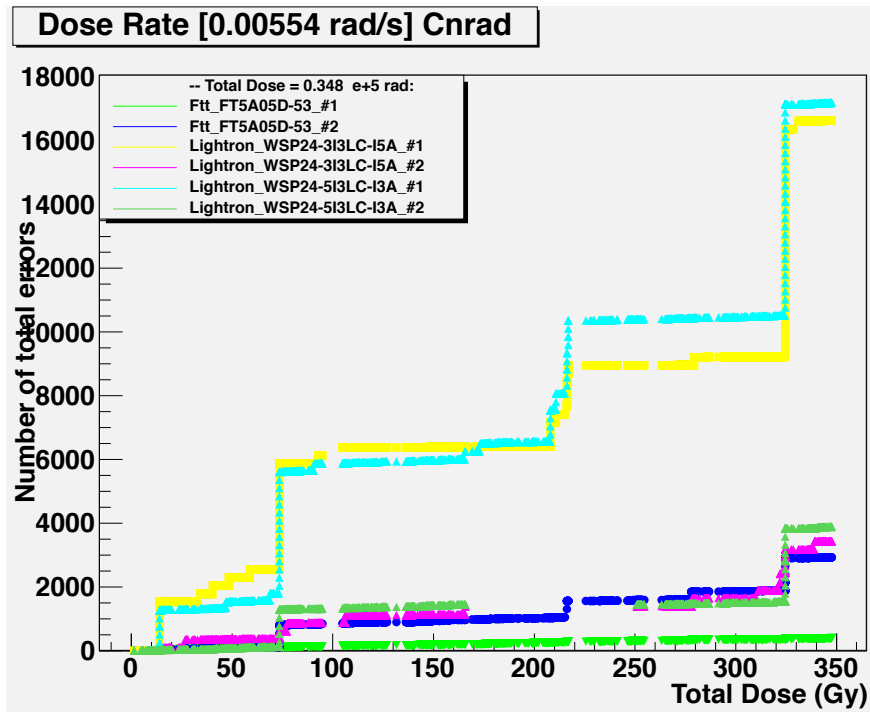


@ CNRAD – Cross Section

with Step-Error				
TotalDose [Gy]	84.4226033	210.6054656	347.6301282	
Source_SPL-35-GB-BX-CDFM_#1	4.49E-11	4.77E-11		SEU
Source_SPL-35-GB-BX-CDFM_#1	1.87E-09	1.43E-09		MBU
Source_SPL-35-GB-BX-CDFM_#2	5.07E-11	5.84E-11		SEU
Source_SPL-35-GB-BX-CDFM_#2	1.39E-09	1.08E-09		MBU
Source_SPL-53-GB-BX-CDFM_#1	2.45E-10	2.27E-10		SEU
Source_SPL-53-GB-BX-CDFM_#1	1.90E-09	1.77E-09		MBU
Source_SPL-53-GB-BX-CDFM_#2	8.26E-11			SEU
Source_SPL-53-GB-BX-CDFM_#2	9.97E-10			MBU
Ftt_FT5A05D-35_#1	1.33E-10	1.29E-10		SEU
Ftt_FT5A05D-35_#1	2.21E-09	1.75E-09		MBU
Ftt_FT5A05D-35_#2	2.46E-11			SEU
Ftt_FT5A05D-35_#2	1.87E-10			MBU

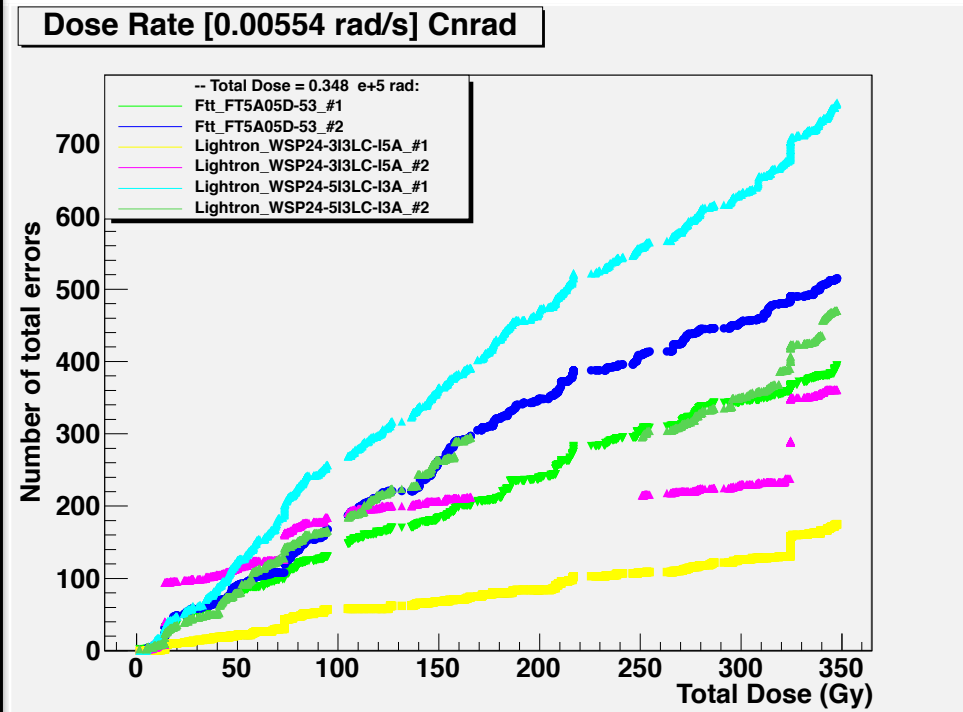
without Step-Error				
TotalDose [Gy]	84.4226033	210.6054656	347.6301282	
Source_SPL-35-GB-BX-CDFM_#1	3.19E-11	3.58E-11		SEU
Source_SPL-35-GB-BX-CDFM_#1	3.32E-10	3.22E-10		MBU
Source_SPL-35-GB-BX-CDFM_#2	4.49E-11	5.09E-11		SEU
Source_SPL-35-GB-BX-CDFM_#2	3.32E-10	3.44E-10		MBU
Source_SPL-53-GB-BX-CDFM_#1	2.17E-10	2.15E-10		SEU
Source_SPL-53-GB-BX-CDFM_#1	1.40E-09	1.52E-09		MBU
Source_SPL-53-GB-BX-CDFM_#2	8.26E-11			SEU
Source_SPL-53-GB-BX-CDFM_#2	7.48E-10			MBU
Ftt_FT5A05D-35_#1	8.55E-11	8.17E-11		SEU
Ftt_FT5A05D-35_#1	5.55E-10	4.71E-10		MBU
Ftt_FT5A05D-35_#2	2.46E-11			SEU
Ftt_FT5A05D-35_#2	1.87E-10			MBU

@ CNRAD – Run Aug-Dec 2012



With Step-error

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Without Step-error

@ CNRAD – Cross Section

with Step-Error				
TotalDose [Gy]	84.8336535	210.5617389	347.6545957	
Ftt_FT5A05D-53_#1	1.88E-11	1.88E-11	2.83E-11	SEU
Ftt_FT5A05D-53_#1	1.61E-10	1.43E-10	2.19E-10	MBU
Ftt_FT5A05D-53_#2	9.28E-11	5.59E-11	9.17E-11	SEU
Ftt_FT5A05D-53_#2	1.11E-09	5.99E-10	1.75E-09	MBU
Lightron_WSP24-3I3LC-I5A_#1	2.32E-11	1.95E-11	3.14E-11	SEU
Lightron_WSP24-3I3LC-I5A_#1	8.49E-09	4.48E-09	1.04E-08	MBU
Lightron_WSP24-3I3LC-I5A_#2	5.07E-11			SEU
Lightron_WSP24-3I3LC-I5A_#2	1.23E-09			MBU
Lightron_WSP24-5I3LC-I3A_#1	6.67E-11	5.97E-11	9.36E-11	SEU
Lightron_WSP24-5I3LC-I3A_#1	8.12E-09	4.69E-09	1.07E-08	MBU
Lightron_WSP24-5I3LC-I3A_#2	1.36E-10			SEU
Lightron_WSP24-5I3LC-I3A_#2	1.77E-09			MBU

without Step-Error				
TotalDose [Gy]	84.8336535	210.5617389	347.6545957	
Ftt_FT5A05D-53_#1	1.88E-11	1.88E-11	2.83E-11	SEU
Ftt_FT5A05D-53_#1	1.61E-10	1.43E-10	2.19E-10	MBU
Ftt_FT5A05D-53_#2	3.19E-11	2.95E-11	4.08E-11	SEU
Ftt_FT5A05D-53_#2	1.91E-10	2.02E-10	2.83E-10	MBU
Lightron_WSP24-3I3LC-I5A_#1	5.80E-12	8.17E-12	1.63E-11	SEU
Lightron_WSP24-3I3LC-I5A_#1	6.81E-11	5.02E-11	9.36E-11	MBU
Lightron_WSP24-3I3LC-I5A_#2	3.19E-11			SEU
Lightron_WSP24-3I3LC-I5A_#2	2.41E-10			MBU
Lightron_WSP24-5I3LC-I3A_#1	5.80E-11	5.46E-11	8.73E-11	SEU
Lightron_WSP24-5I3LC-I3A_#1	2.93E-10	2.54E-10	3.89E-10	MBU
Lightron_WSP24-5I3LC-I3A_#2	3.19E-11			SEU
Lightron_WSP24-5I3LC-I3A_#2	2.00E-10			MBU