

## **Procedure for monitor the External Focal Plane (XFP) Plastic scintillators during experiment 05133**

1. Open and read the scalers file for current run in the experimental directory /Current/scalers/ : run\*\*\*.scalers. (You can also use the "how to read scaler files automatically" to do cut and paste.)
2. Open 05133\_XFP.xls file in the S800 PC in the U6 area.
3. Input the scaler numbers for MCP0, MCP1 and XFP (raw, total) into 05133.xls in the PC and also hira directory.
4. Calculate the ratios  $XFP/MCP1$ ,  $MCP0/MCP1$ ,  $XFP/CsI\_monitor$ .
5. Watch on the plots in the 05133\_XFP.xls file :  
The XFP ratios should be similar to previous runs. If they becomes less or larger, contact the shift leader of A1900 physicists (for XFP).
6. At the end of shift, please, make a copy of the current file 05133\_XFP.xls to the directory: /projects/proj4/hira/05133.