FIRST: make sure Spectcl uses the correct ChipTeleMap.dat. If you need to change the configuration, stop the current Spectcl, go to folder *input-files*. *(cp ChipTeleMap_2tower.dat ChipTeleMap.dat* or

cp ChipTeleMap_4tower.dat ChipTeleMap.dat)

Start **Spectcl**

I: Check Alpha-calibration

1) load **.tcl** files: *sical_summary.tcl, hira_summary.tcl, Si_Hit_Pattern.tcl*

2) load **.vdef** files: *hira_r11_12.vdef, hira_thresh.vdef, lassa_r25.vdef, lassa_thresh.vdef*

3) open **.win** files: *LASSA/sum/Sical_Summary.win, LASSA/Si_Hit_Pattern.win, HiRA/sum/Sical_Summary.win, HiRA/Si_Hit_Pattern.win*

Make sure the runs are reasonable (i.e. see the hit patterns and summary spectra)

II. Check CsI Calibration

1) load **.tcl** files: *hira_summary_csi.tcl* and *Sum_lassa_CsI.tcl*

2) load **.vdef** files: *hira_r11_12.vdef, lassa_r25.vdef*

3) open **.win** files: *csi_summary.win, Sum_lassa_CsI.win*

III: Monitor runs i.e. to check particle-identification of LASSA and HiRA

1) load **.tcl** files: *LASSA/2d/2d_csi_eb_ef_MeV.tcl, HiRA/2d/2d_csi_eb_ef_MeV.tcl*

2) load **.vdef** files: *hira_r11_12.vdef, lassa_r25.vdef*

3) open **.win** files: *LASSA/2d/eb_csi.win, HiRA/2d/2d_CsI_eb_MeV.win*