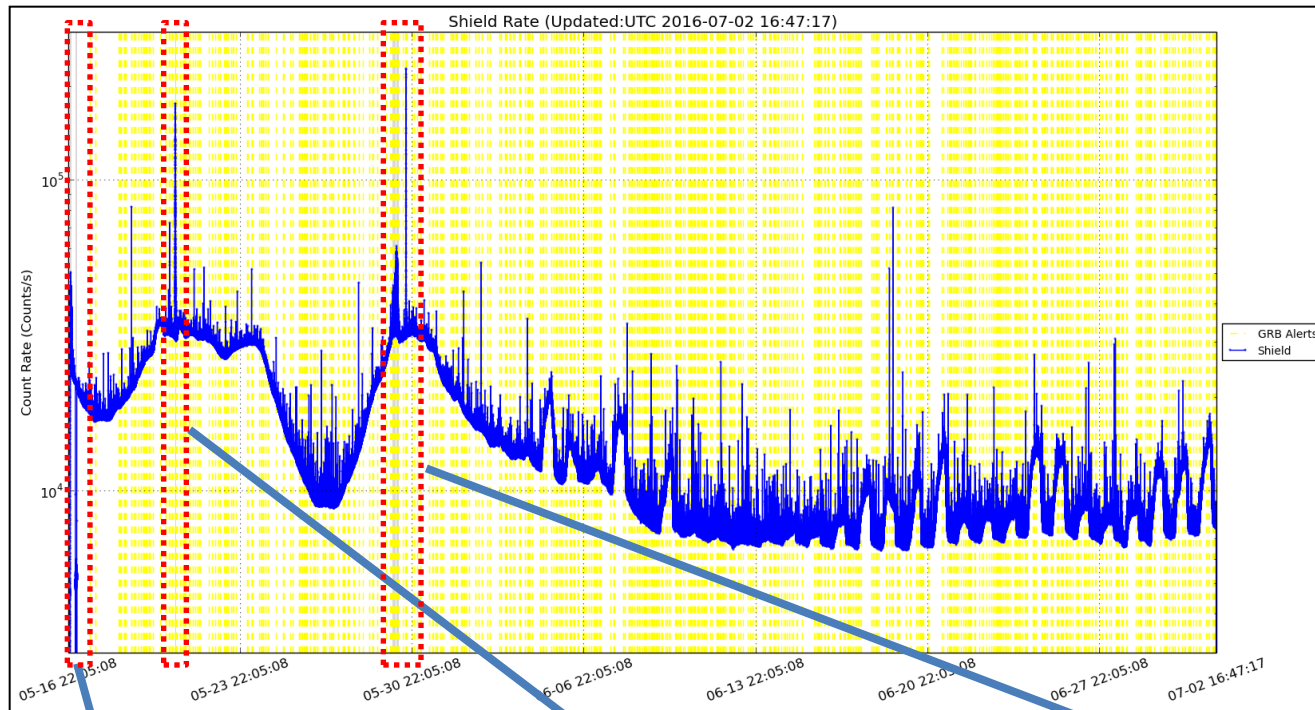


# GTI BD files by high/anomaly shield rates



TYPE GTI

```
# Launch Time: 2016/05/16_23:35:00
# System Off : 2016/07/02_16:51:00
GT 1463441700.0000000000 1467478260.0000000000

# Include the preferred BTI files (exclusion)
IN COSI16_BeforeFloatAlt_v1.bti
IN COSI16_SystemProblems_v1.bti
IN COSI16_HighShieldRates_v1.bti

BT 1463794550.0000000000 1463794980.0000000000
BT 146
BT 146
BT 146
BT 146
```

Minrec

File: OP\_180112.rsa  
Geometry: COSI:DetectedShield geo setup

Please set all the cuts on the data for the analysis

Type & ID Time & Detector Energy Scattering Lengths Quality Earth Pairs Origin Pointing Beam

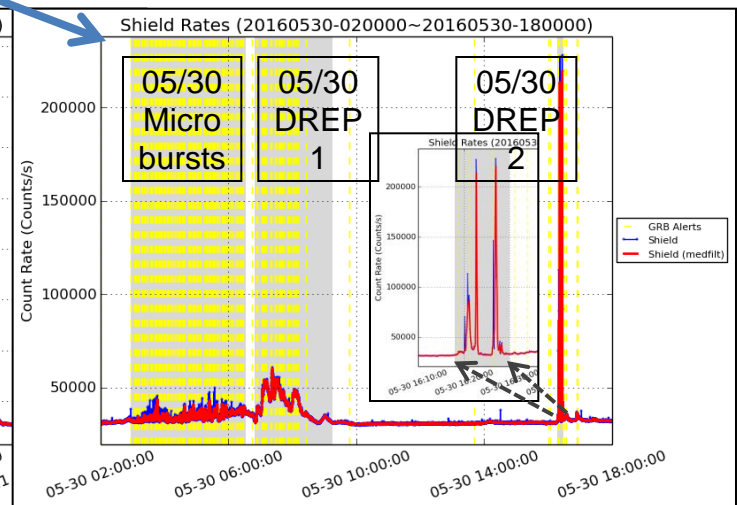
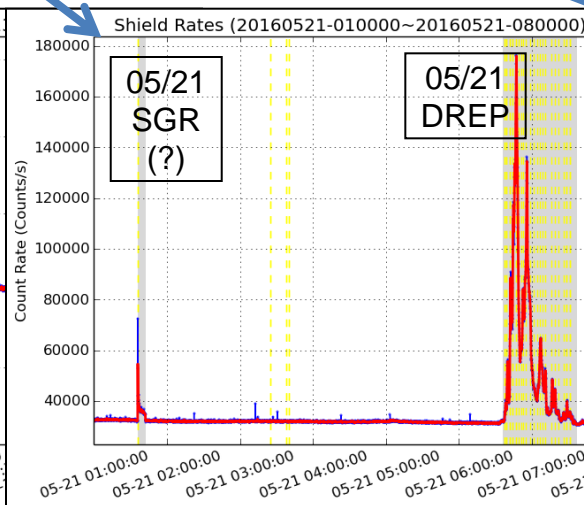
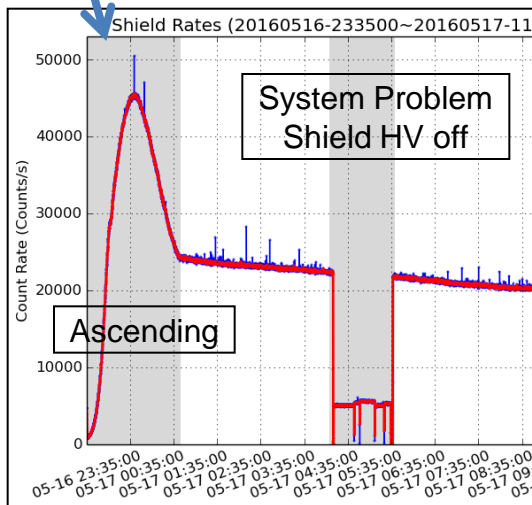
Good time interval  
☒ Use all times  
☐ Set a single GTI directly  
 Minimum [sec]: 0.00000000  
 Maximum [sec]: 200000000.00000000  
☒ Read the GTIs from file  
 Altitude/COSI/WebGSE\_LocalDrawings/GTI/COSI16\_Flight\_GTI.go

Select detectors in which the first interaction is "NOT" allowed to have happen:

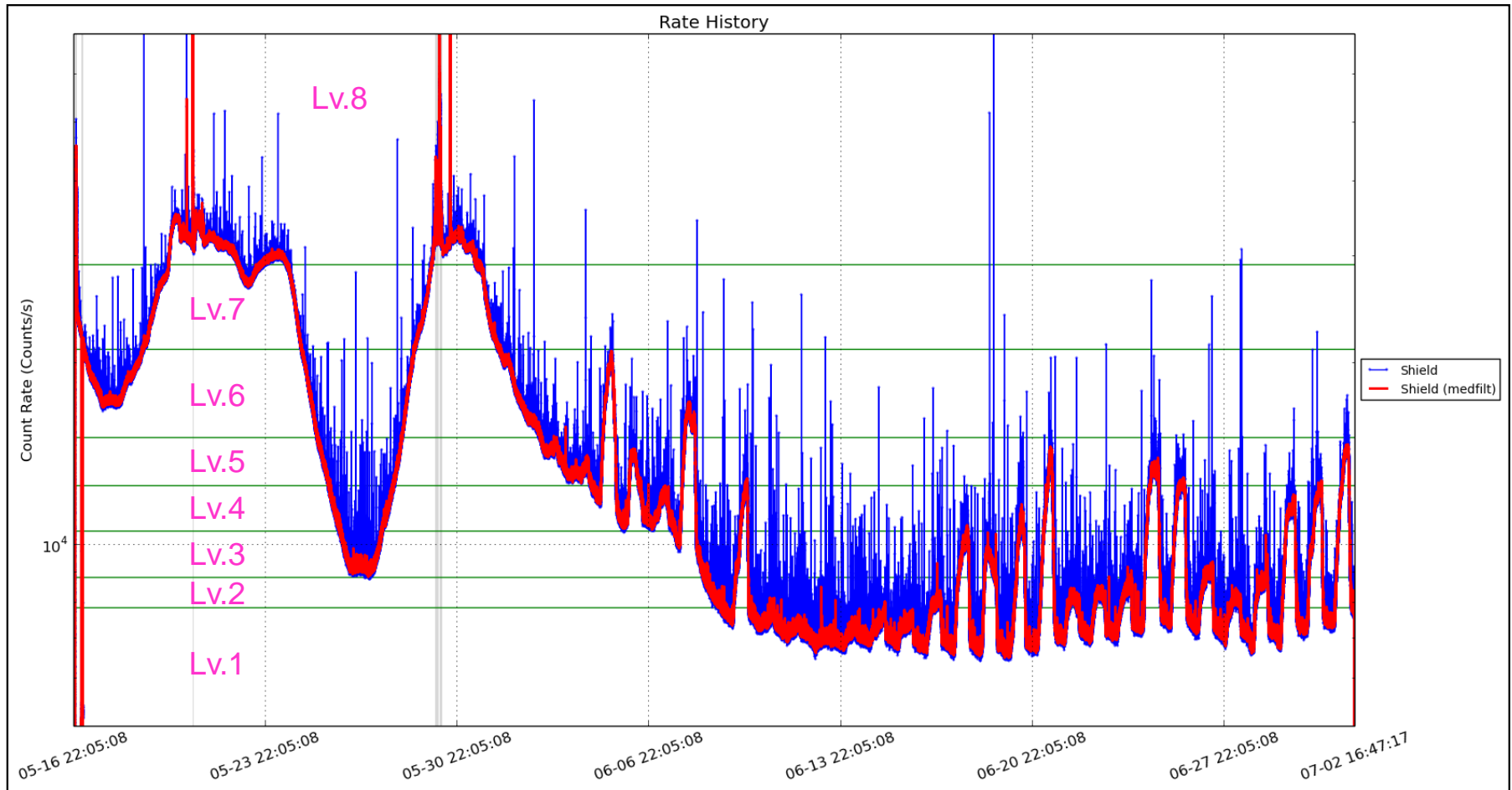
Look for: Log GTI  
☒ COSI16\_BeforeFloatAlt\_v1.go  
☒ COSI16\_Flight\_GTI.go  
☒ COSI16\_HighShieldRates\_v1.go  
☒ COSI16\_SystemProblems\_v1.go

File name: COSI16\_Flight\_GTI.go  
 File of type: GTI file "g" go

Altos-MBA: Drawings: c115.pdf



# GTI BD files by overall shield rate



[Lv.8]  $\text{Rate} \geq 29,000$  (1/sec)

[Lv.7]  $21,000 \leq \text{Rate} < 29,000$  (1/sec)

[Lv.6]  $15,000 \leq \text{Rate} < 21,000$  (1/sec)

[Lv.5]  $12,500 \leq \text{Rate} < 15,000$  (1/sec)

[Lv.4]  $10,500 \leq \text{Rate} < 12,500$  (1/sec)

[Lv.3]  $8,800 \leq \text{Rate} < 10,500$  (1/sec)

[Lv.2]  $7,850 \leq \text{Rate} < 8,800$  (1/sec)

[Lv.1]  $\text{Rate} < 7,850$  (1/sec)