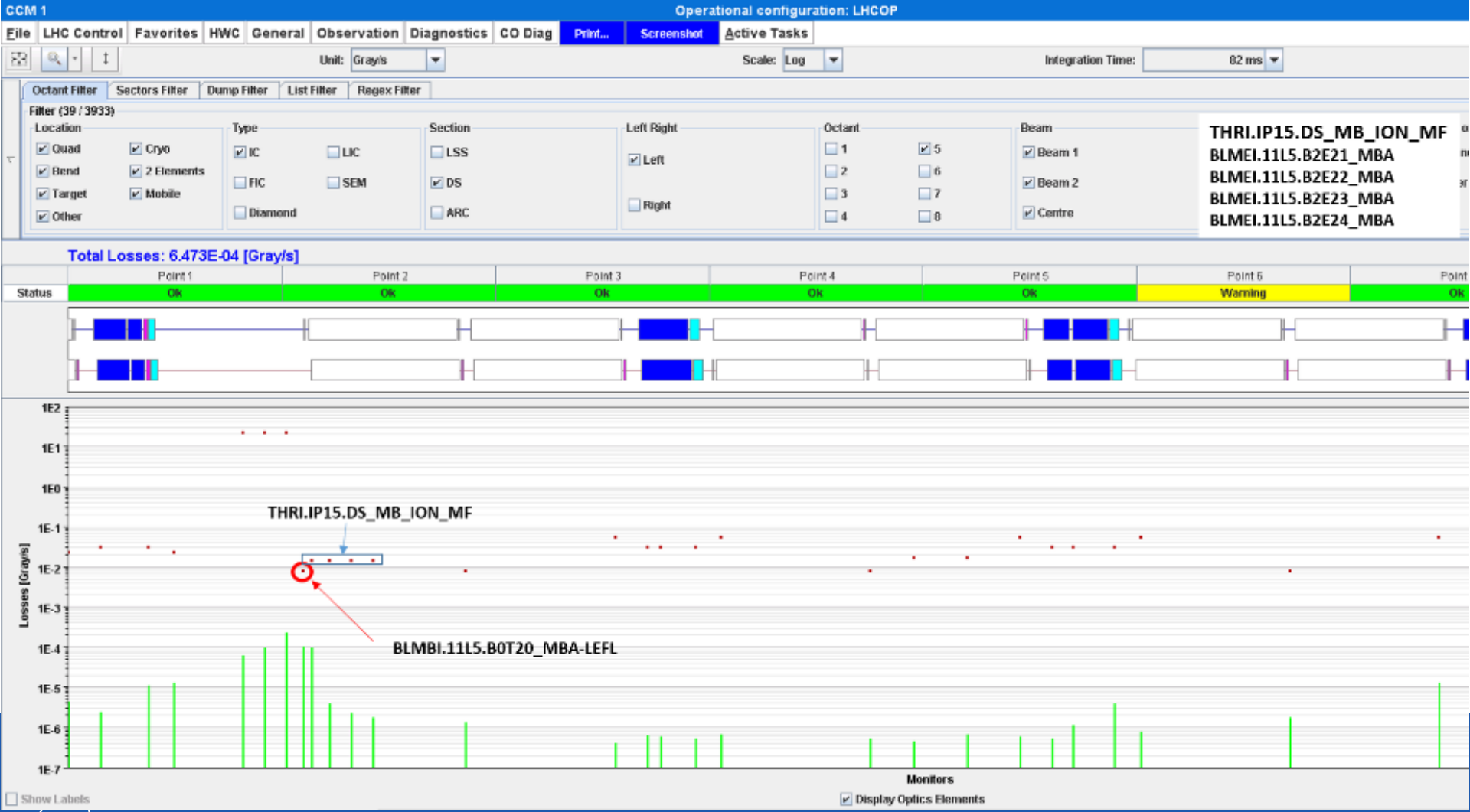
Cell 11 BLMBI Monitors

28th BLM Thresholds WG Meeting

BFPP Families

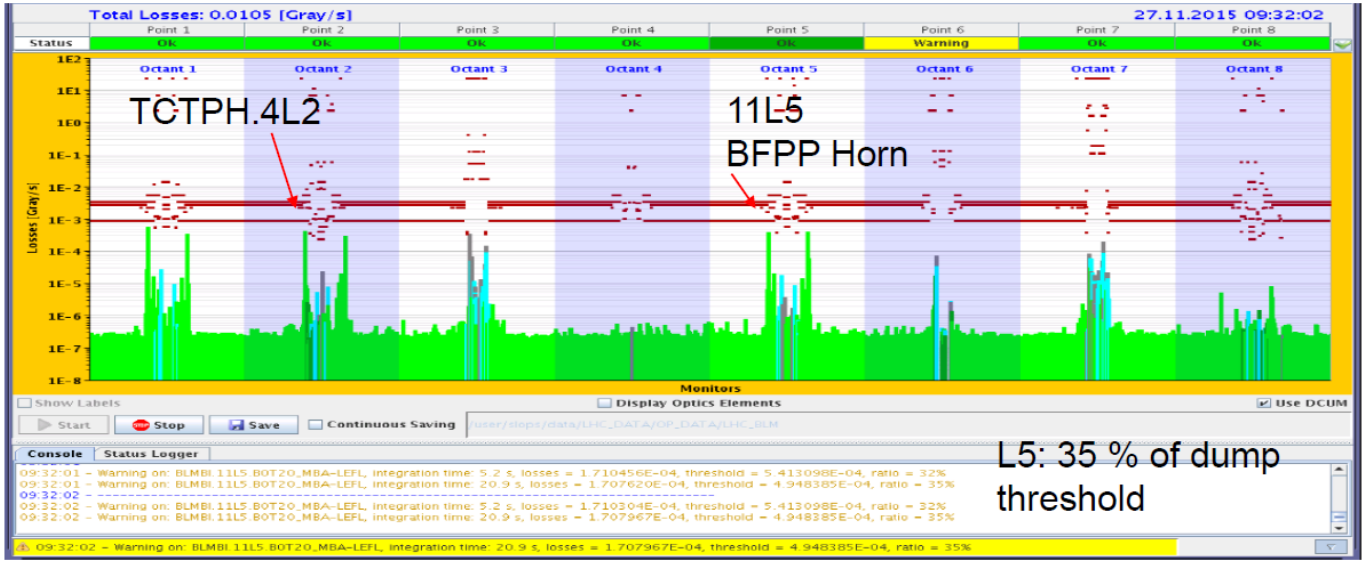
- New families were created for horizontal BFPP losses
- The monitors at the interconnects were left out since vertical losses were expected to be low


CCM 1
Operational configuration: LHCOP
File
LHC Control
Favorites
HWC
General
Observation
Diagnostics
CO Diag
Print...
Screenshot
Active Tasks
Unit: Gray/s
Scale: Log
Integration Time: 82 ms
Octant Filter
Sectors Filter
Dump Filter
List Filter
Regex Filter
Filter (39 / 3933)
Location
Quad
Cryo
Bend
2 Elements
Target
Mobile
Other
Type
IC
LIC
FIC
SEM
Diamond
Section
LSS
DS
ARC
Left Right
Left
Right
Octant
1
2
3
4
5
6
7
8
Beam
Beam 1
Beam 2
Centre
THRI.IP15.DS_MB_ION_MF
BLMEI.11L5.B2E21_MBA
BLMEI.11L5.B2E22_MBA
BLMEI.11L5.B2E23_MBA
BLMEI.11L5.B2E24_MBA
Total Losses: 6.473E-04 [Gray/s]
Point 1
Point 2
Point 3
Point 4
Point 5
Point 6
Point
Status
Ok
Ok
Ok
Ok
Ok
Warning
Ok
1E2
1E1
1E0
1E-1
1E-2
1E-3
1E-4
1E-5
1E-6
1E-7
Losses [Gray/s]
THRI.IP15.DS_MB_ION_MF
BLMBI.11L5.B0T20_MBA-LEFL
Monitors
Show Labels
Display Optics Elements

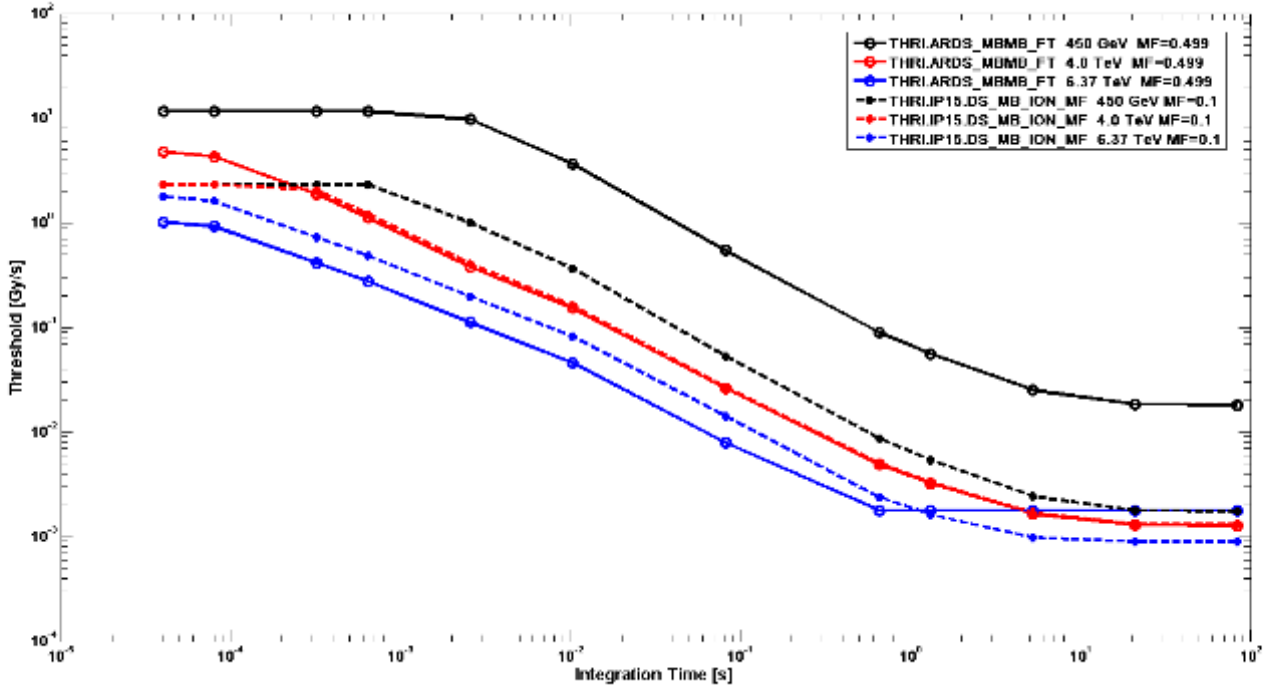
Increase of BLM Thresholds Change of Monitor Factor

- BLMBI.**11L5**.B0T20_**MBA**-LEFL from 0.499 to 1.0
  - BFPP bump not as good as it should, tested Thursday
- BLMTI.0**4L2**.B1E10_**TCTPH** from 0.5 to 1.0
  - Debry from TCP in IP7, small orbit deviations

Matti, Daniel & collimation team



Family for MB-LECC Monitors

- Monitors in cell 11 that are located on the interconnect between the last MB of DS and the empty cryostat should be moved into a new family
  - 4 monitors in IP 1 and 5
- FT correction to standard MBMB family
  - Does not affect the UFO timescales

THRI.ARDS MBMB FT