Status of Analysis of Beam Dump Triggered by Fast Losses on 25-08-2010 @ 08:03

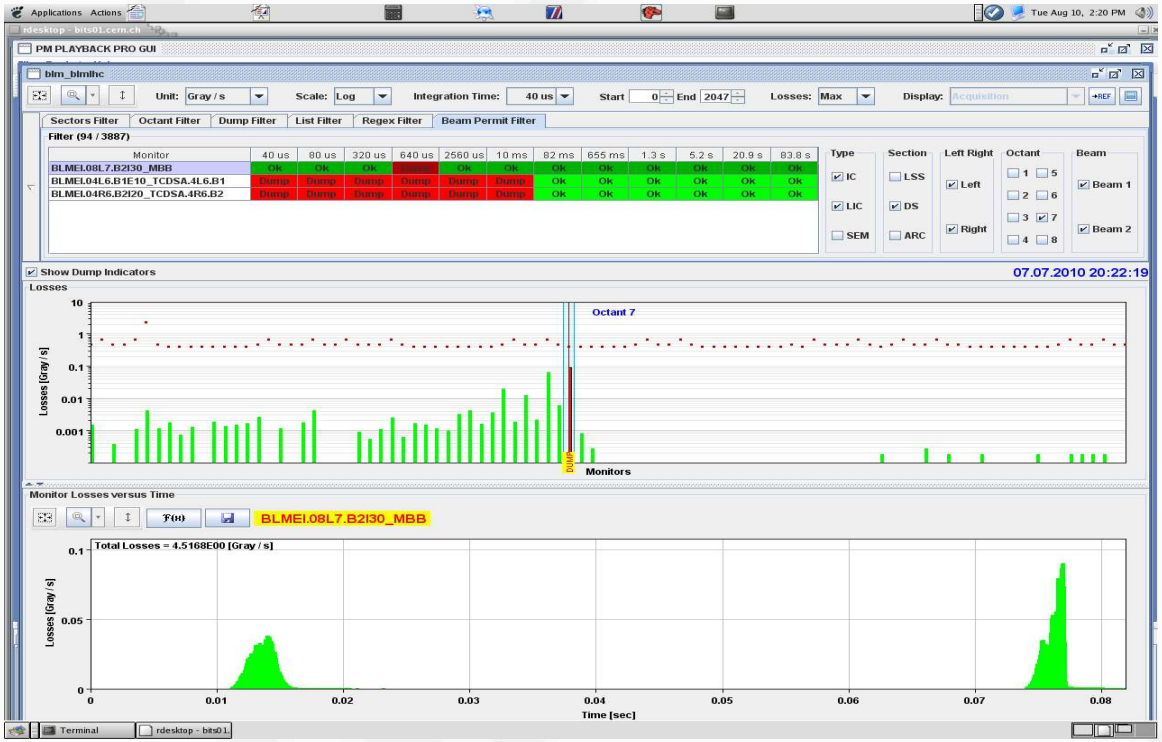
A. Nordt

Collimation WG meeting 30th of August 2010

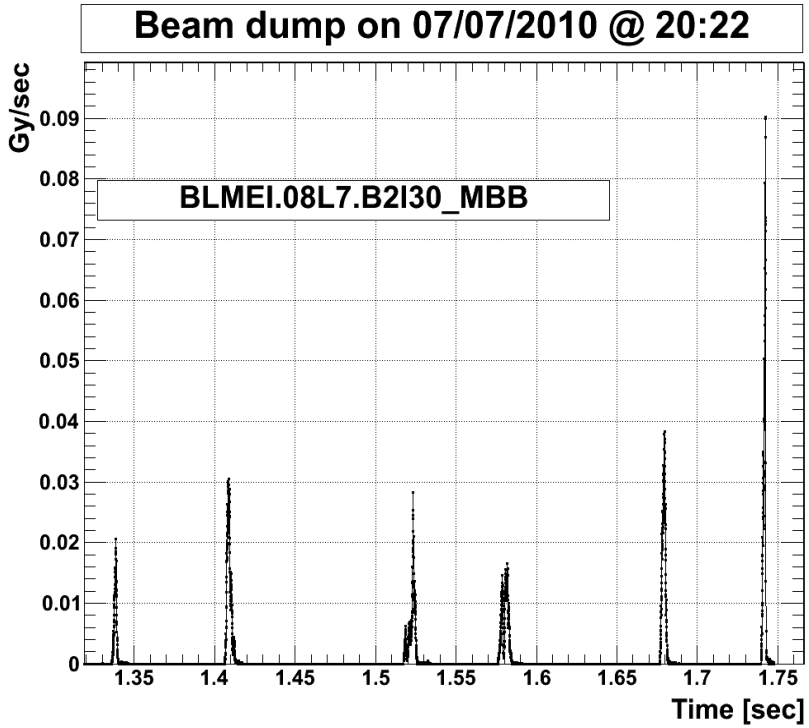
Long BLM PM Buffer: Overview

Choose longer BLM PM buffer for analysis
This allows to check for losses before the beam dump

PM application:
BLM data of 0.082 sec

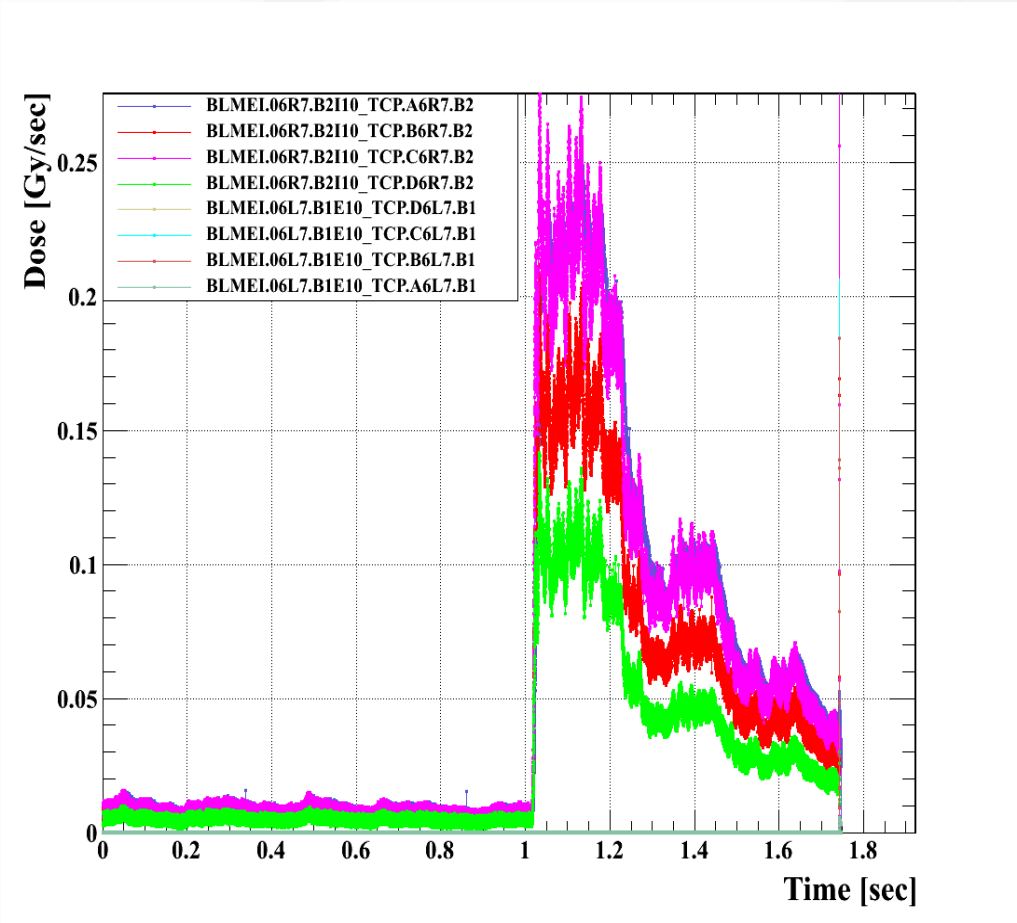


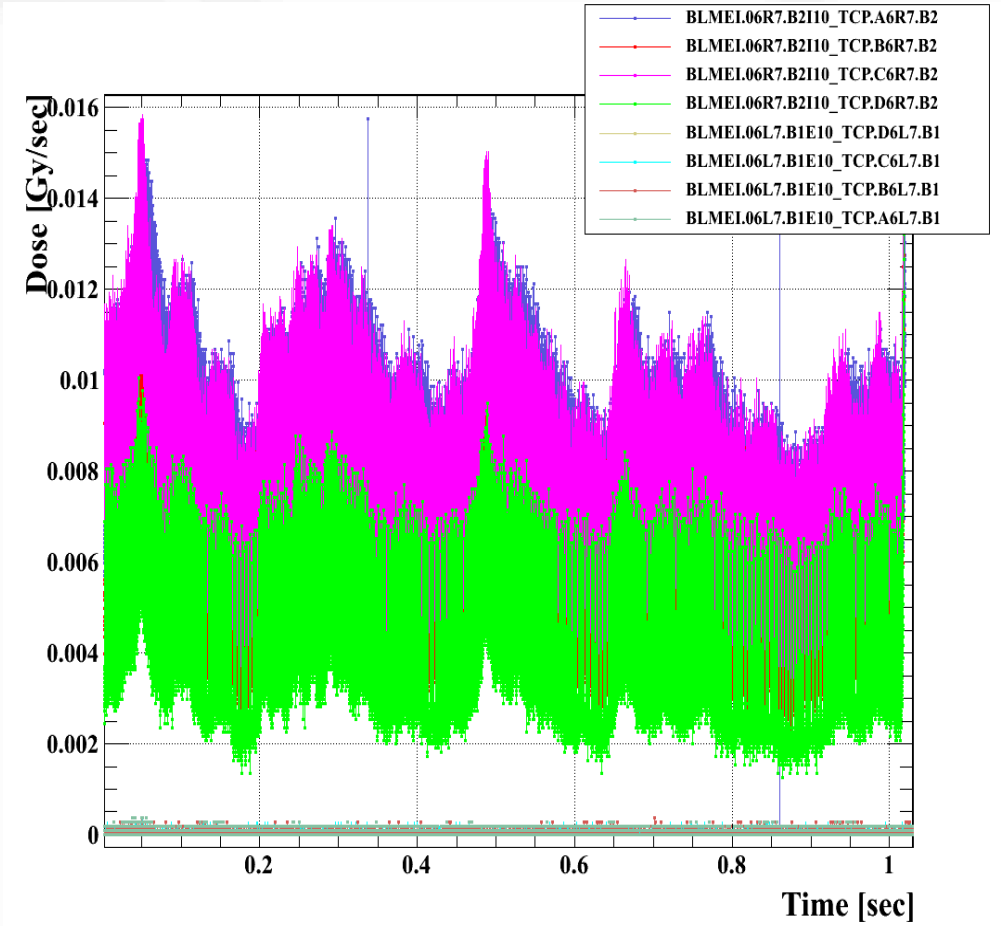
Longer PM buffer:
BLM data of 1.72 sec



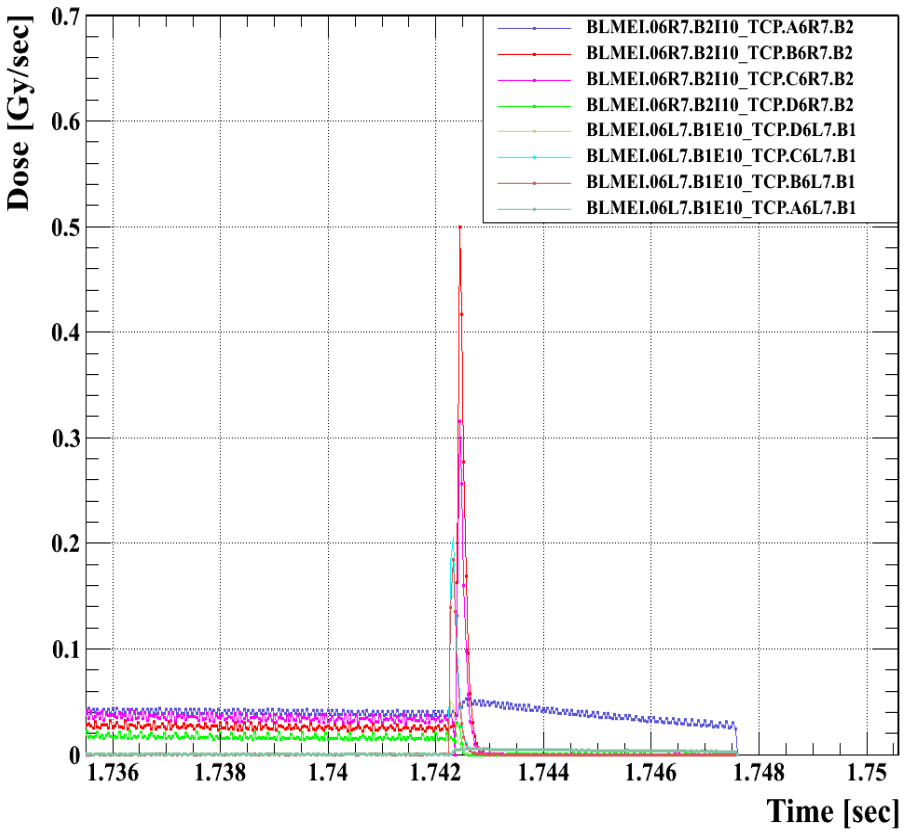
Example Event 1: One can see 5 times higher losses before the beam dump event in the long PM buffer data instead of only once from the application data.

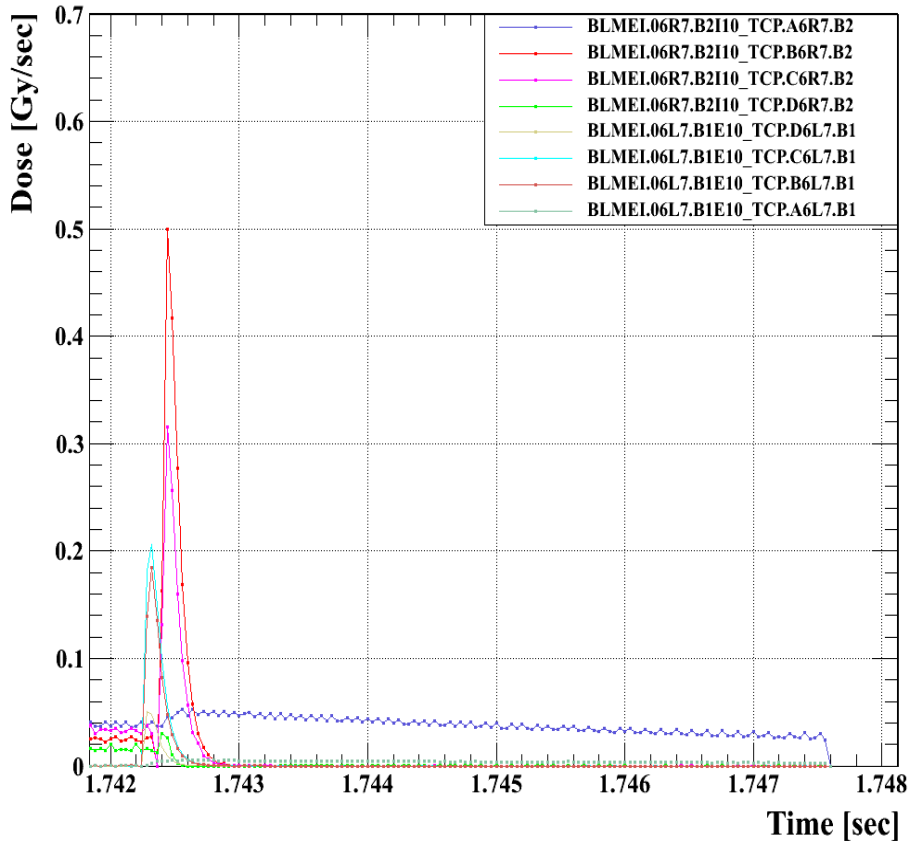
Losses for All TCPs in IR 7



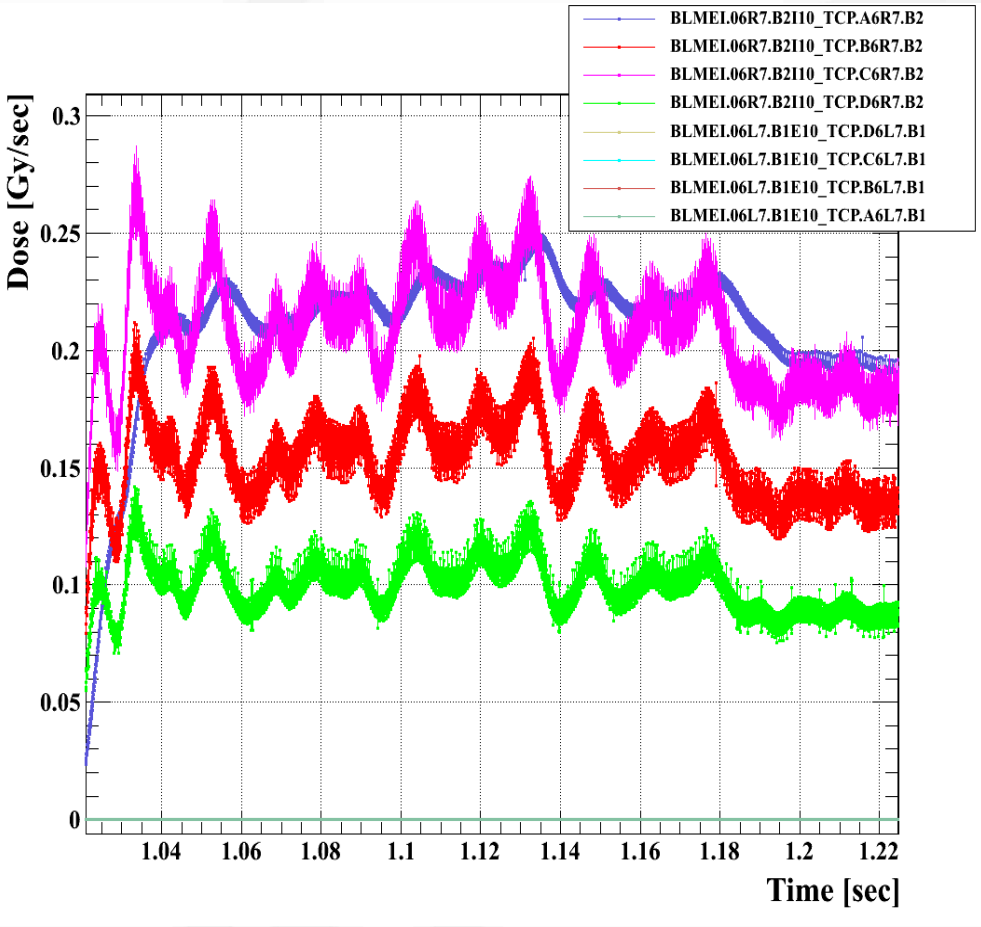


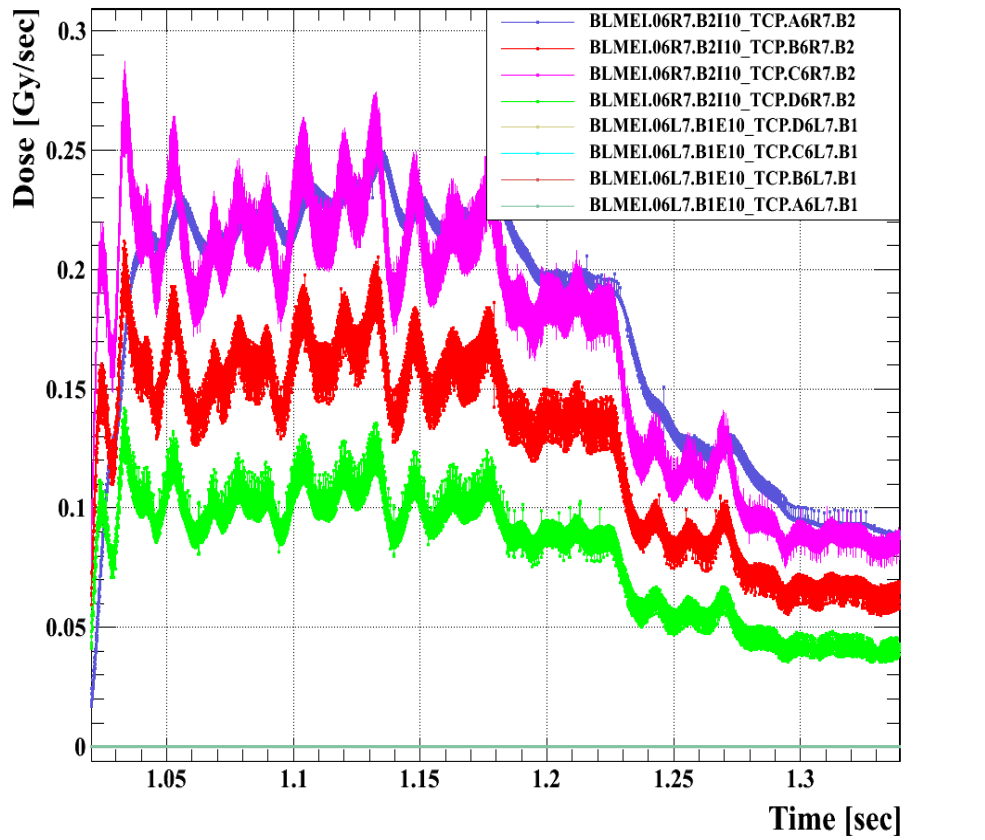
Losses for All TCPs in IR 7 Beam Dump



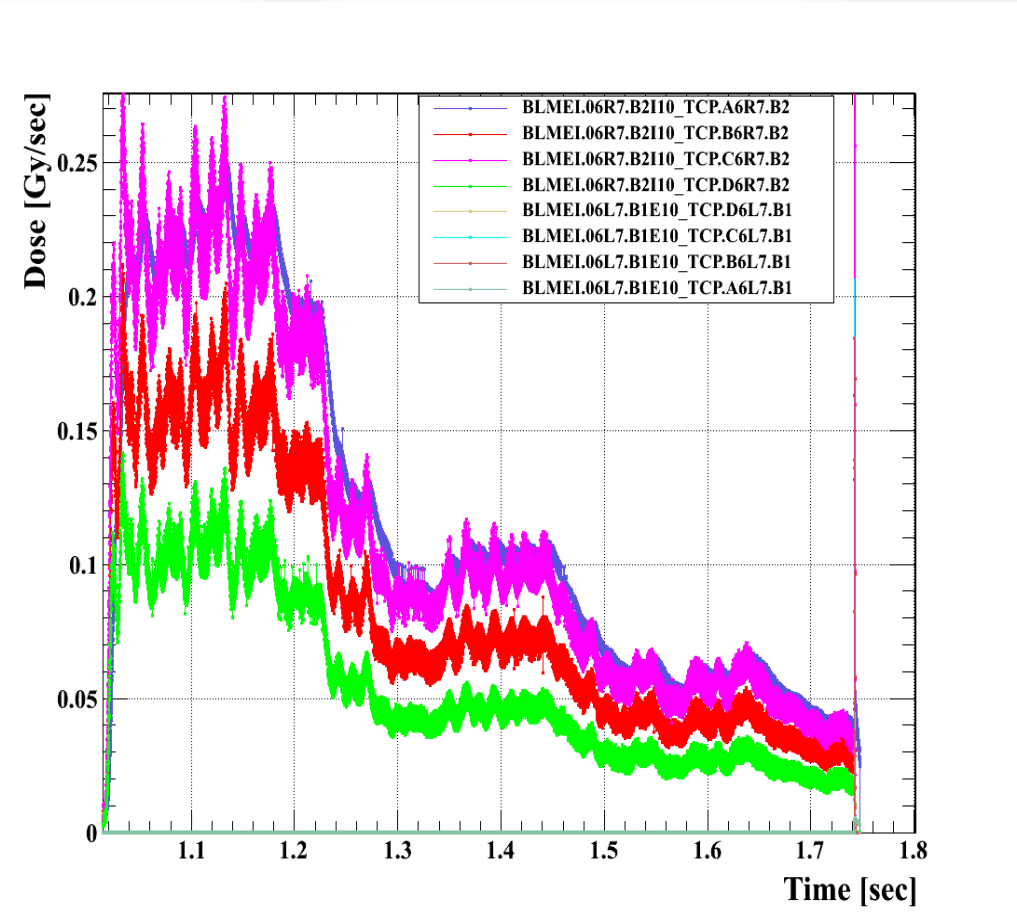


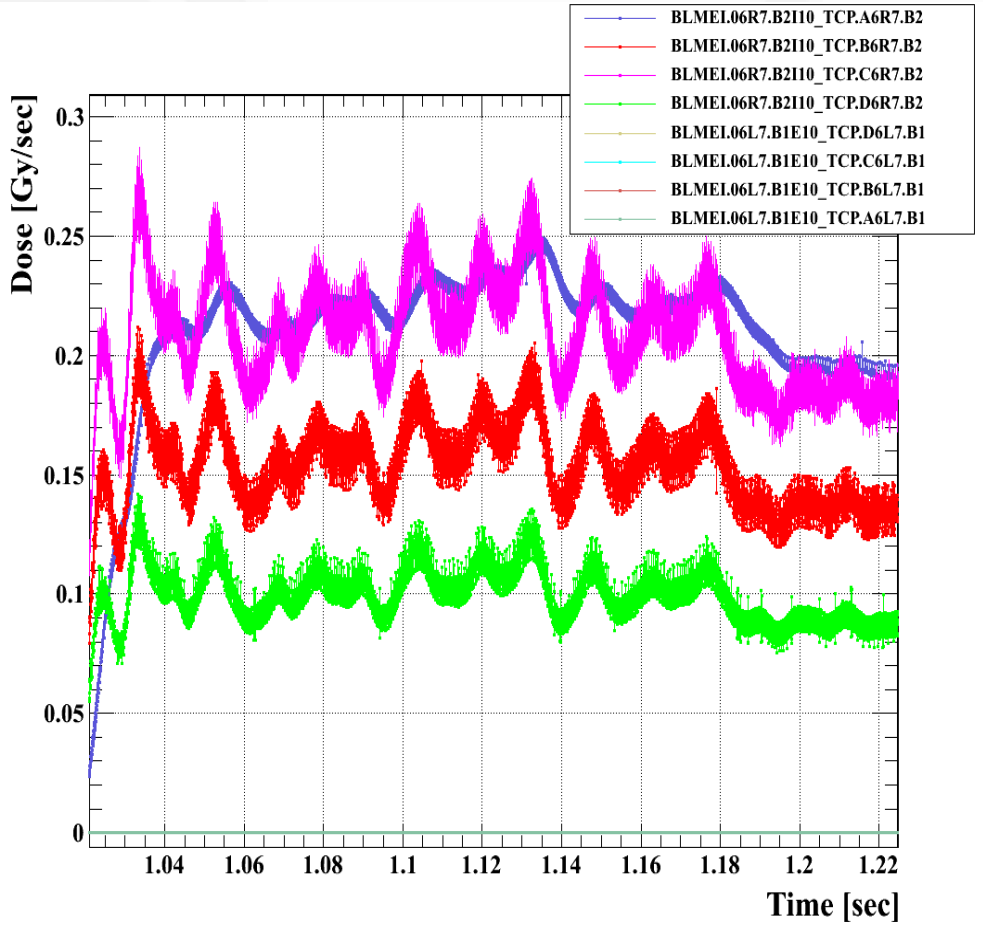
Losses for All TCPs in IR 7 Moving TCP



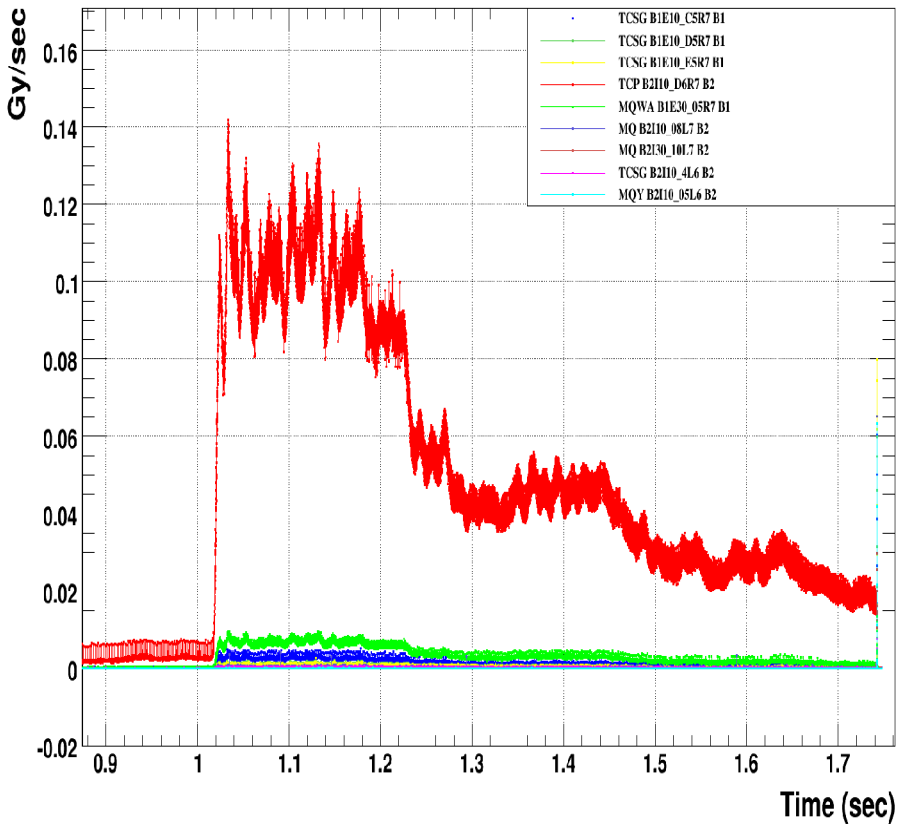


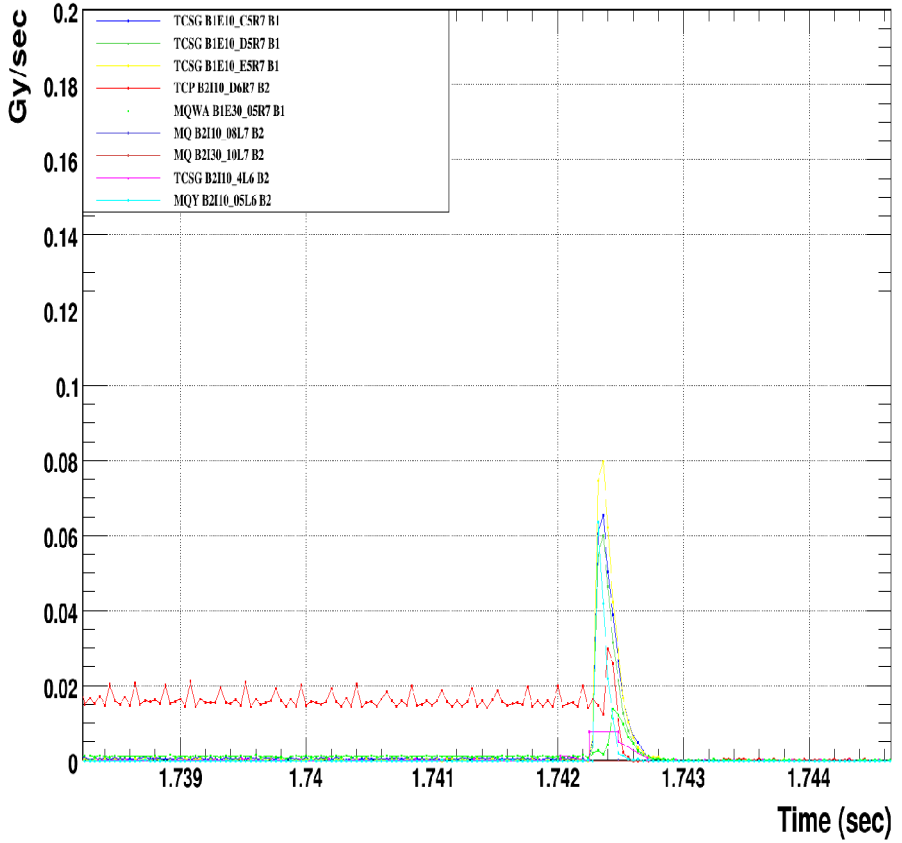
Losses for All TCPs in IR 7 Moving TCP





Losses for Several Monitors





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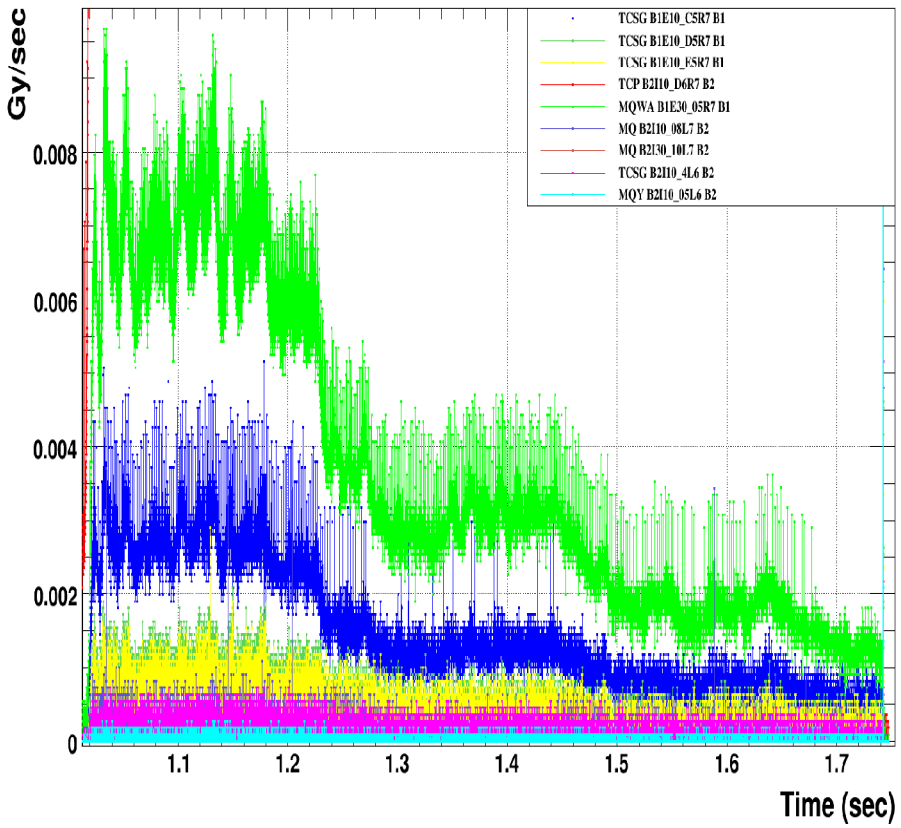

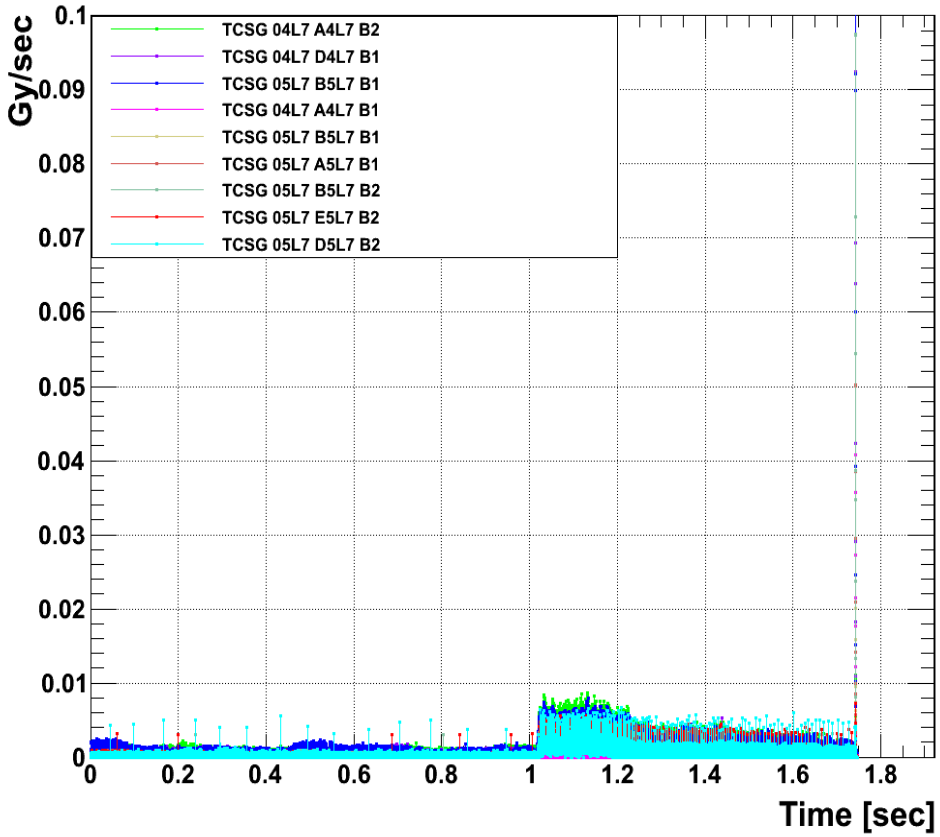

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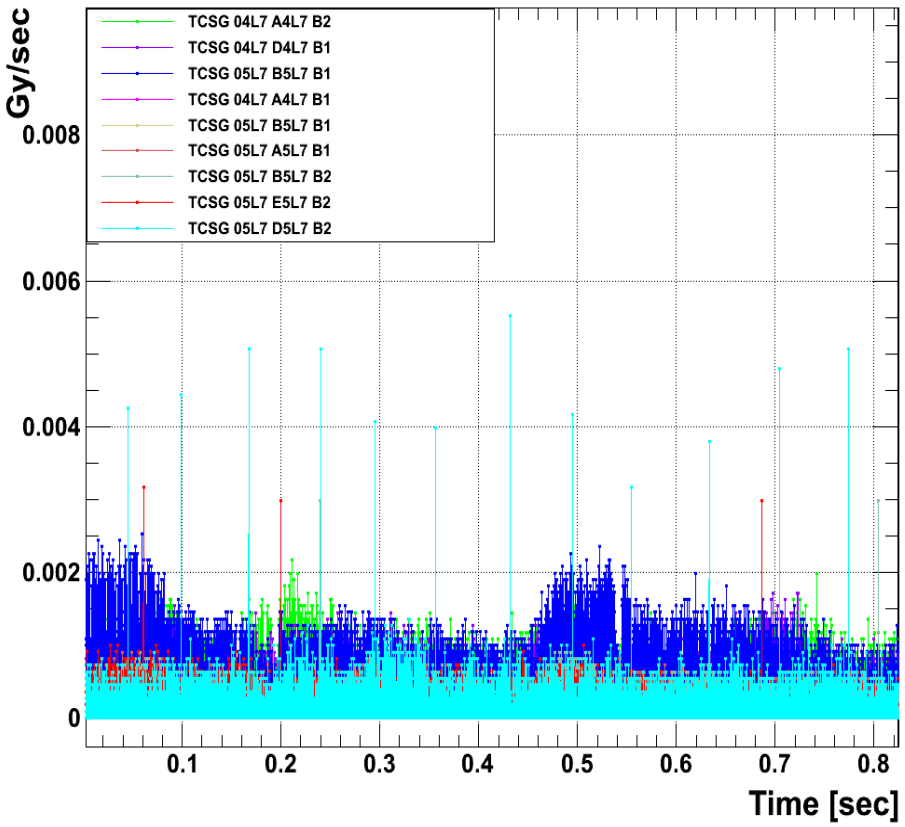

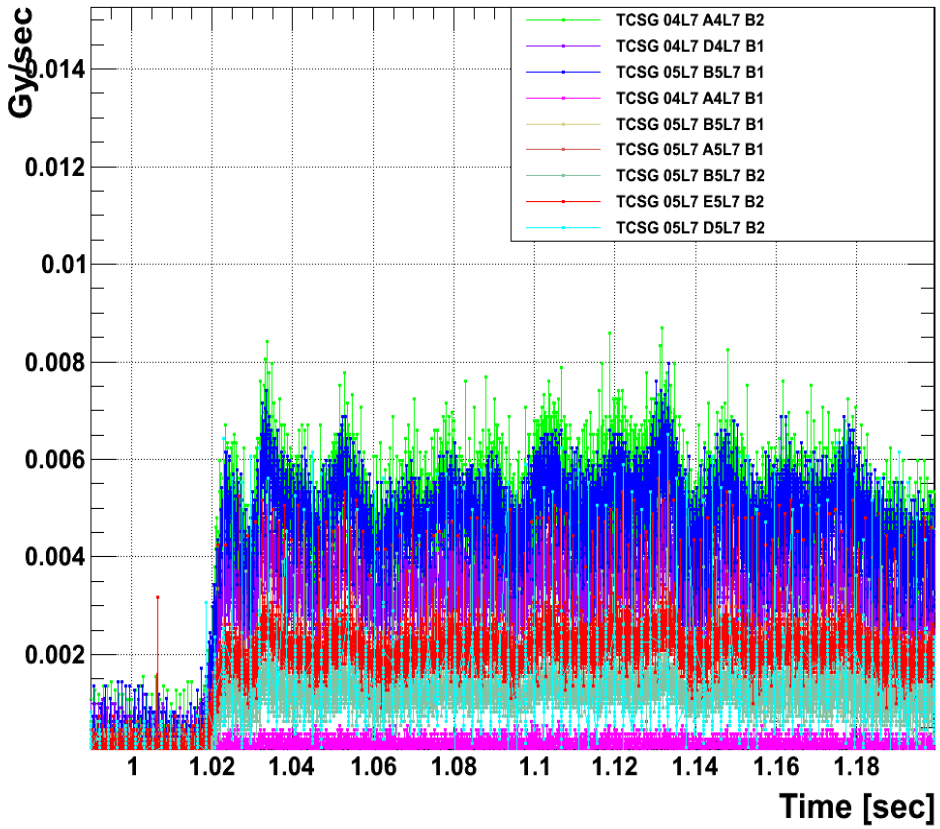
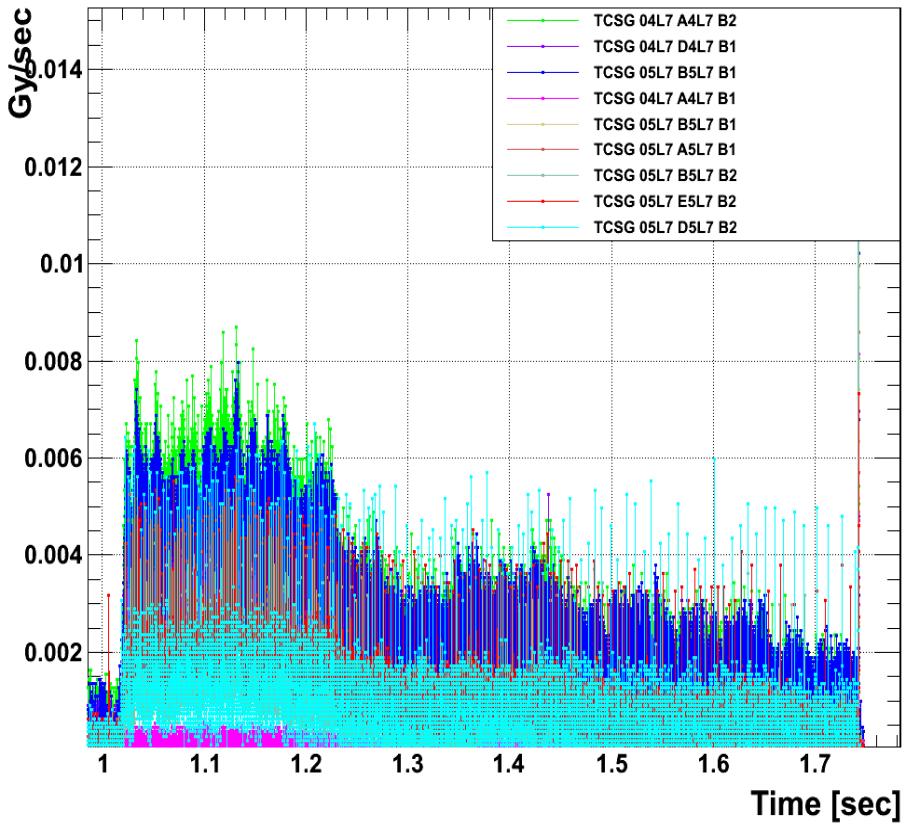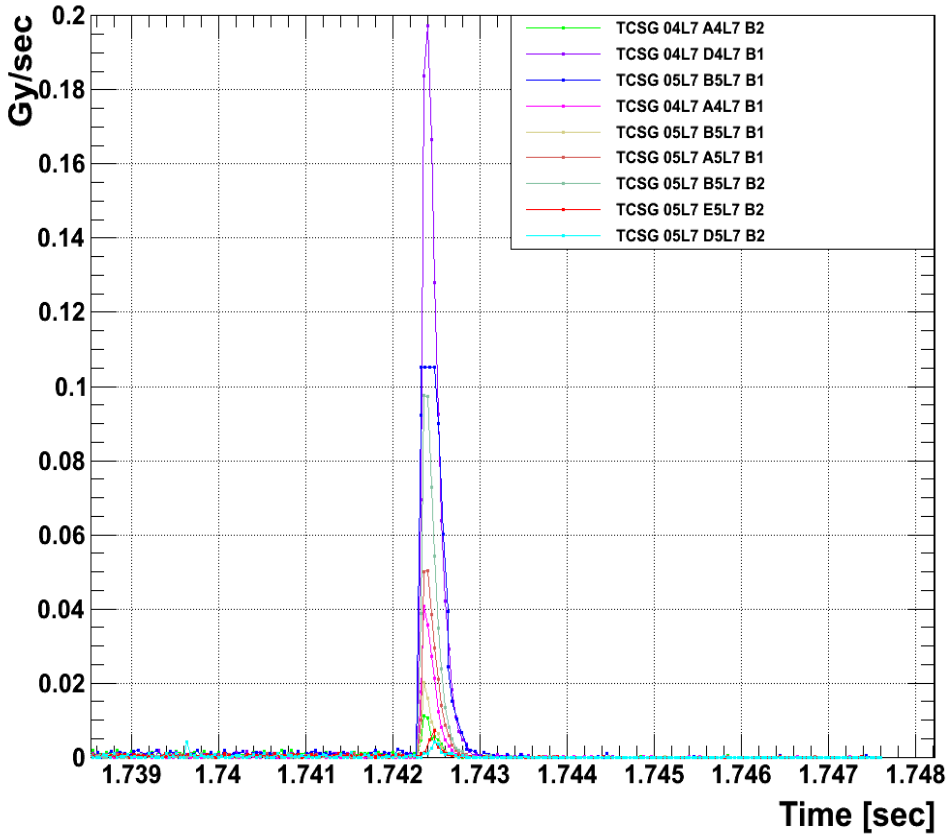
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