

Revision of BLM thresholds affected by UFOs around MKIs

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							0100	0552	1409	Increase
BLMQI	05L2	B1E30_	MQY			B1				
BLMEI	05L2	B1E10_	MKI.	D5L2.	B1	B1				
BLMEI	05L2	B1E20	MKI.	C5L2.	B1	B1				
BLMQI	04L2	B2I30_	MQY			B2				
BLMQI	04L2	B1E10_	MQY			B1				
BLMQI	04L2	B2I20_	MQY			B2				
BLMQI	04L2	B1E20_	MQY			B1				
BLMQI	04L2	B2I10_	MQY			B2				
BLMQI	04L2	B1E30_	MQY			B1				
BLM2I	04L2	B2I10	MBRC	MBRC		B2				
BLMEI	04L2	B1E10_	TCTH.	4L2.	B1	B1				
BLMEI	04L2	B2I10_	TDI.	4L2.	B2	B2				
BLMEI	04L2	B1E10_	TDI.	4L2.	B1	B1				
BLMEI	04L2	B1E20	TDI.	4L2.	B1	B1				
BLMEI	04L2	B1E10_	TCTVB.	4L2.		B1				
BLMEI	04L2	B1E10_	MBXA			B1				
BLMEI	04L2	B1E20	MBXA			B1				
BLMOI	03L2	B2I30	MOXA			B2				
BLMQI	03L2	B1E10_	MQXA			B1				
BLMQI	03L2	B2E20_	MQXA			B2				
BLMQI	03L2	B1E20_	MQXA			B1				
BLMQI	03L2	B2I30_	MQXA			B2				
BLMQI	03L2	B1E30_	MQXA			B1				
BLMEI	04L5	B1I10_	TCTH.	4L5.	B1	B1				

MQY families
MF = 0.1, 0.3

TCT family
MF = 0.5

TCTVB family
MF = 1.0

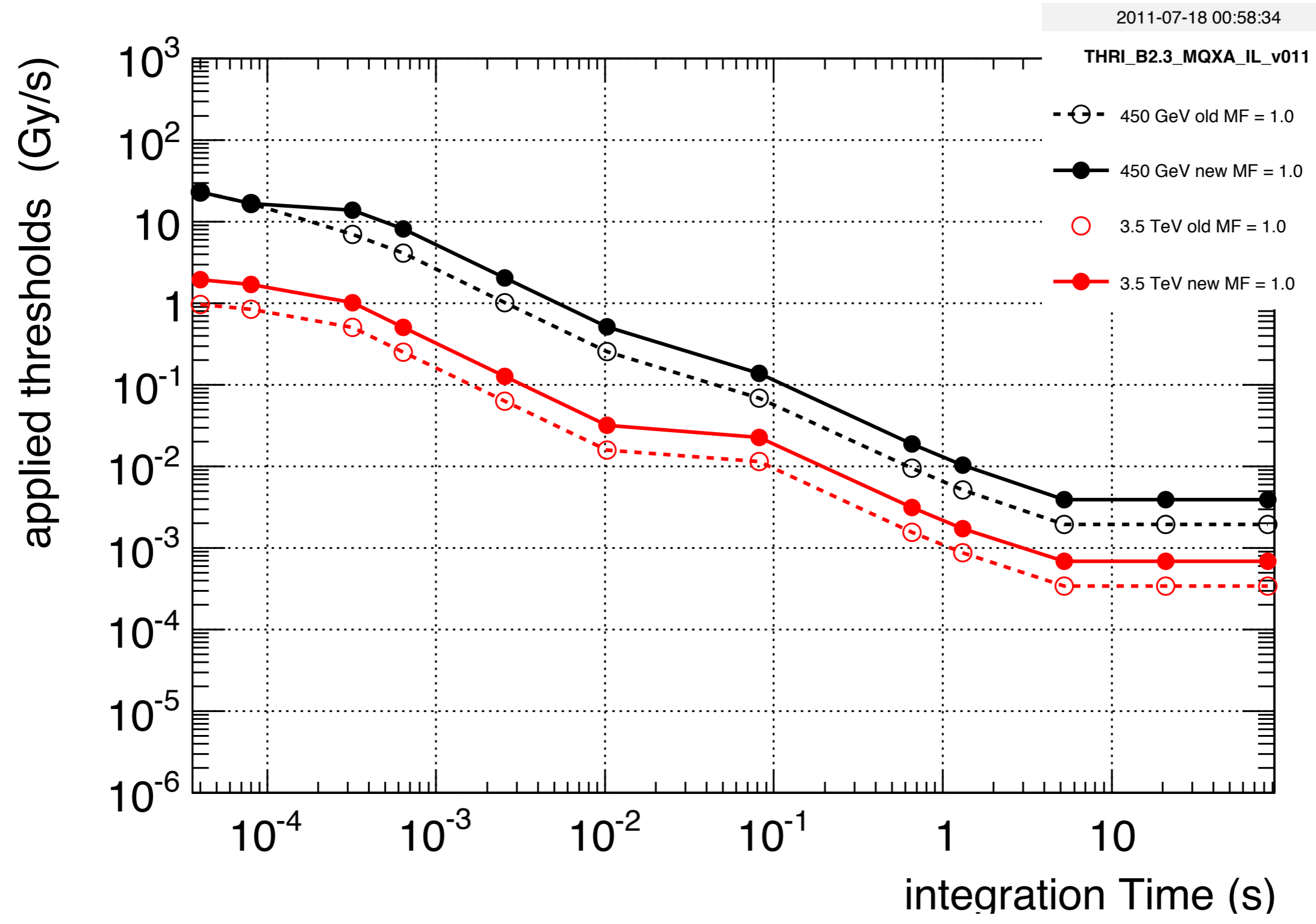
MQXA_IL
MF = 1.0

MQXA_IL
MF = 1.0

unchanged
MF = 0.1

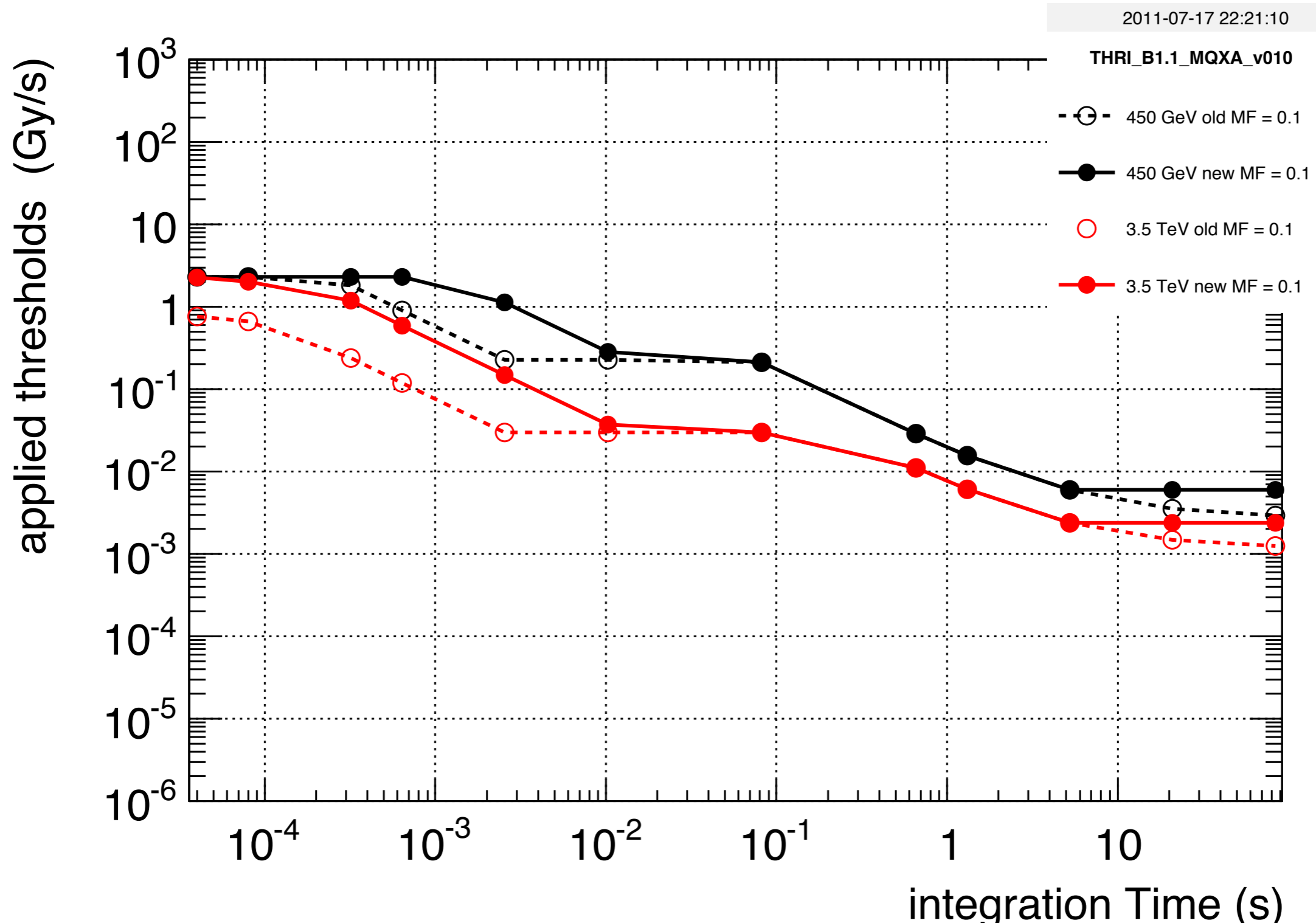
THRI_B2.3_MQXA_IL

The Monitor Factor for this family (monitor BLMQI.03L2.B2I30.MQXA, BLMQI.01L2.B2I30.MQXA and BLMQI.03R8.B2E30.MQXA) will stay at MF=1.0. This is required in order to allow for 23Gy/s in the 40us integration window at injection). Thresholds increased by a factor 2.



THRI_B(1,2).(1,2,3)_MQXA_IL

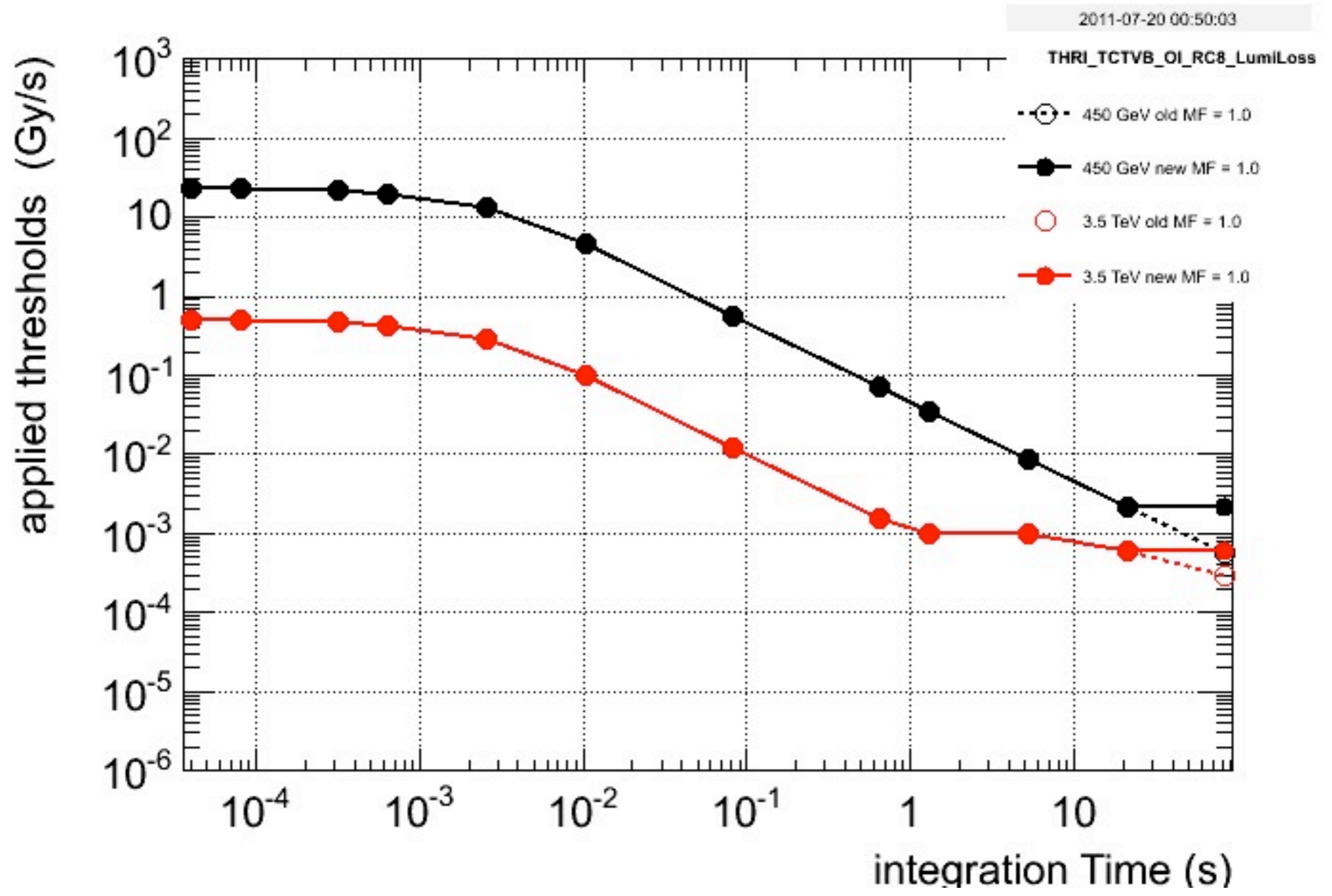
This families have old thresholds (no correction for UFO and Luminosity losses). Monitors will be moved to families THRI_B(1,2).(1,2,3)_MQXA. In theses families the thresholds are corrected.



THRI_TCTVB_OI_RC8

Two monitors (BLMEI.04L2.04L2.BIEI0_TCTVB.4L2 and BLMEI.04R8.B2E10_TCTVB.4R8).
Affected by UFO.

TCSG (increase by $\sim 2.5@450\text{GeV}$ and $3.5@\text{injection}$) families have the same correction (vacuum)

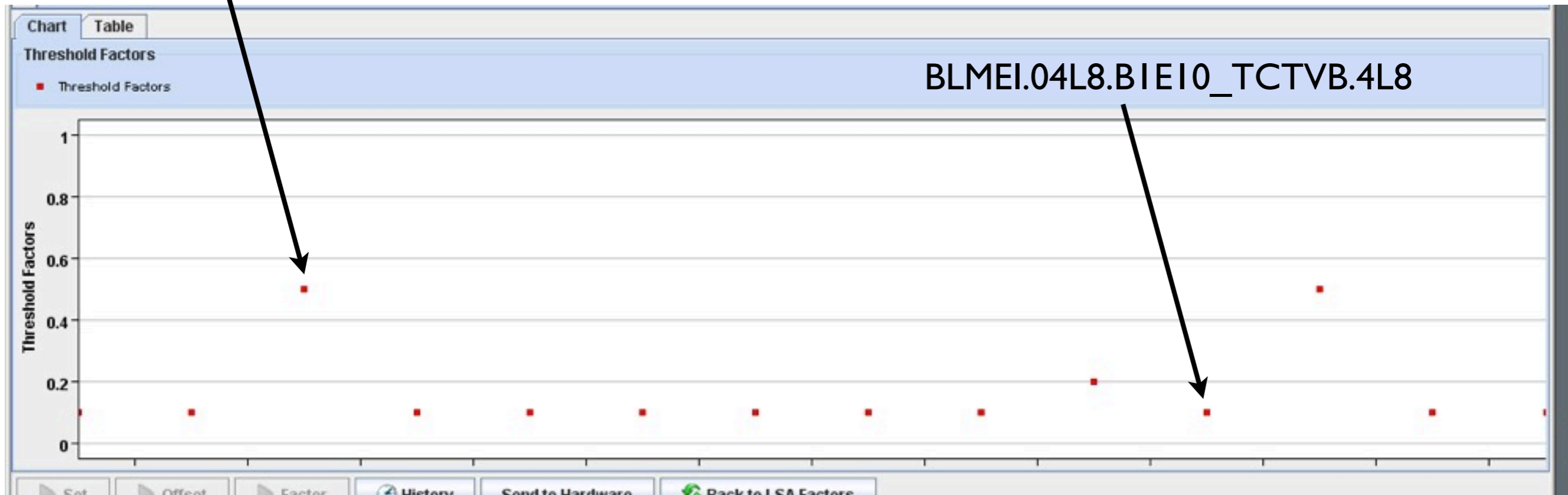


THRI_TCT

Monitor Factors for this family

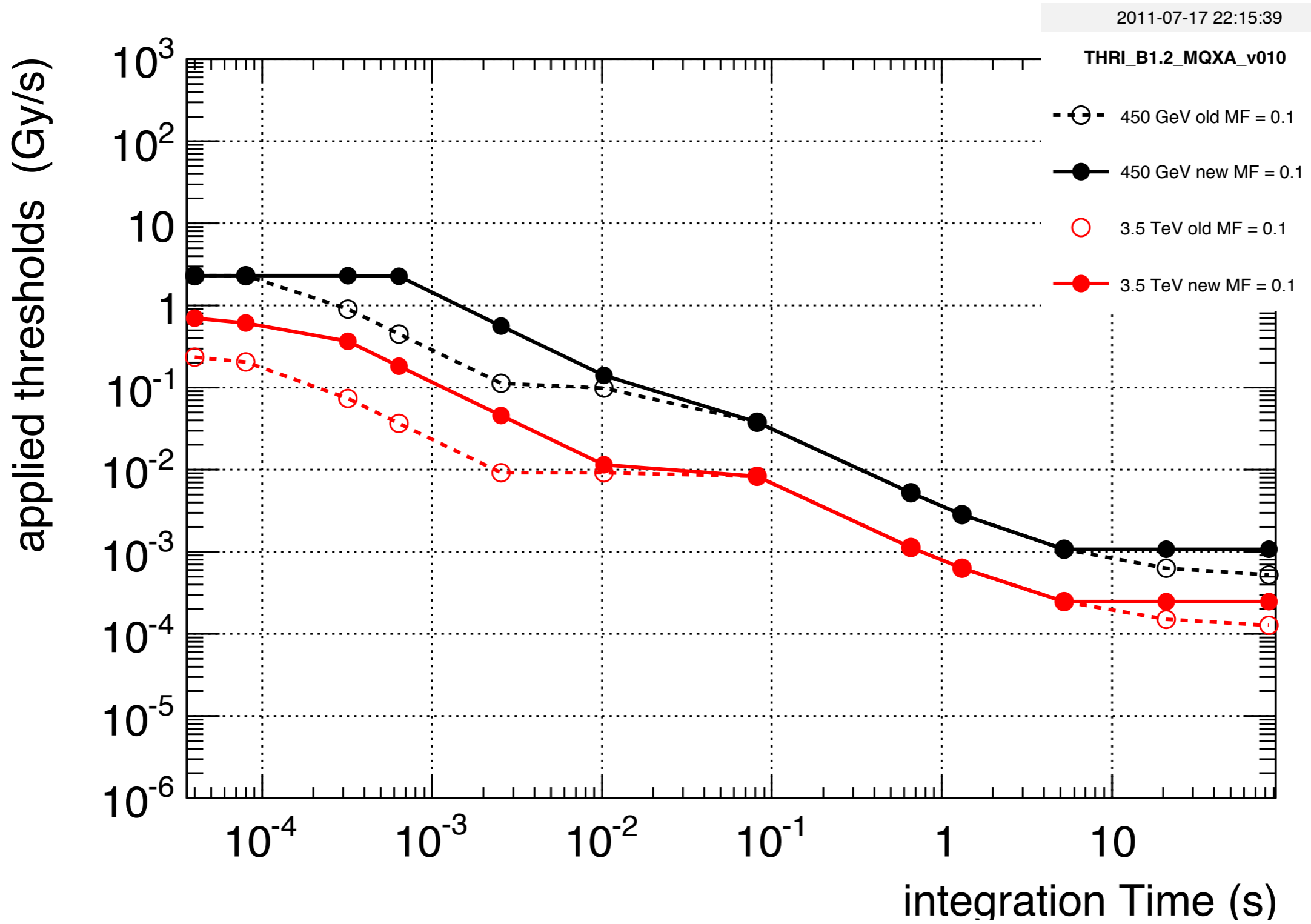
BLMEI.04L2.BIEI0_TCTH.4L2

BLMEI.04L8.BIEI0_TCTVB.4L8



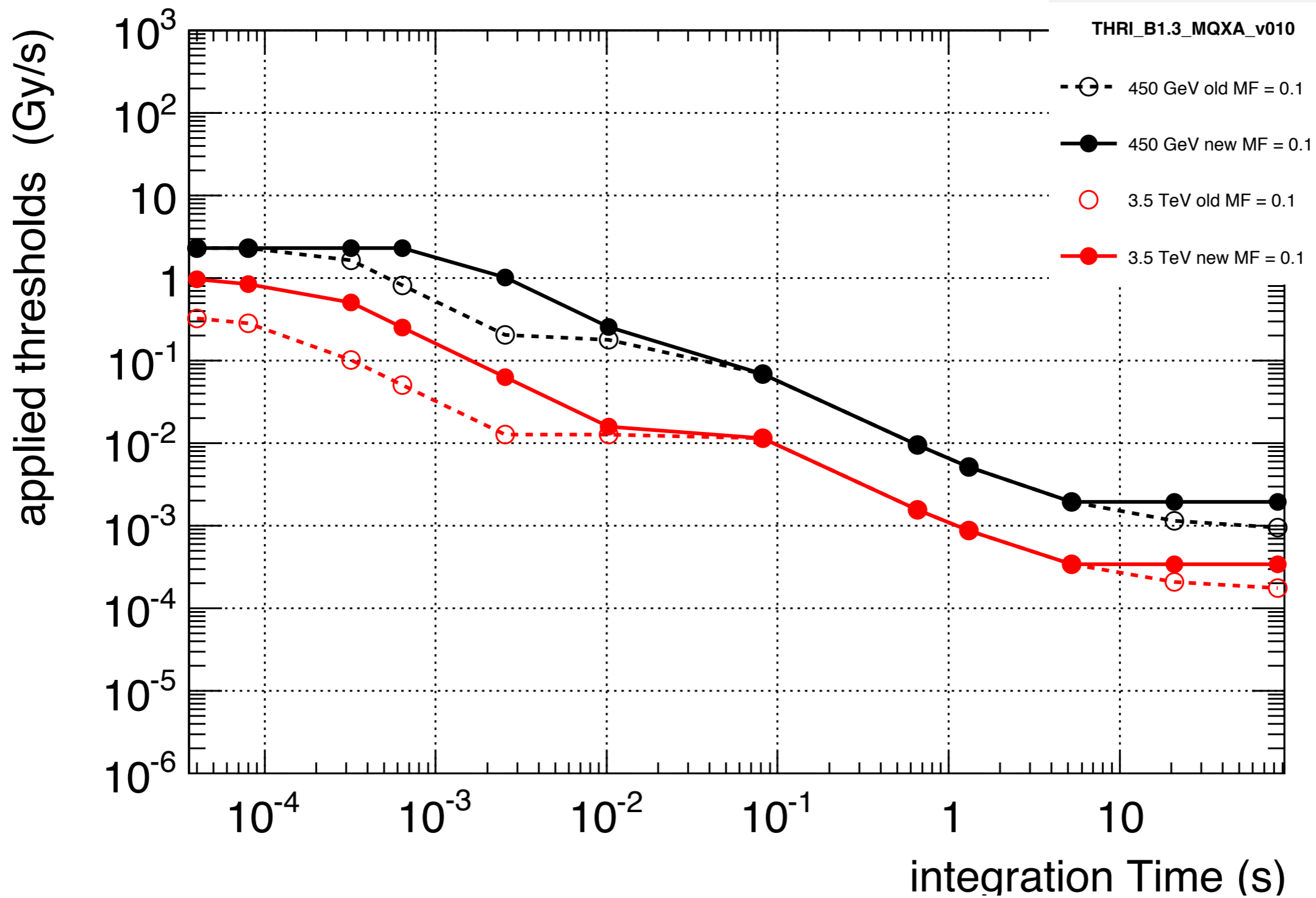
BACK UP

THRI_B(1,2).2_MQXA_IL

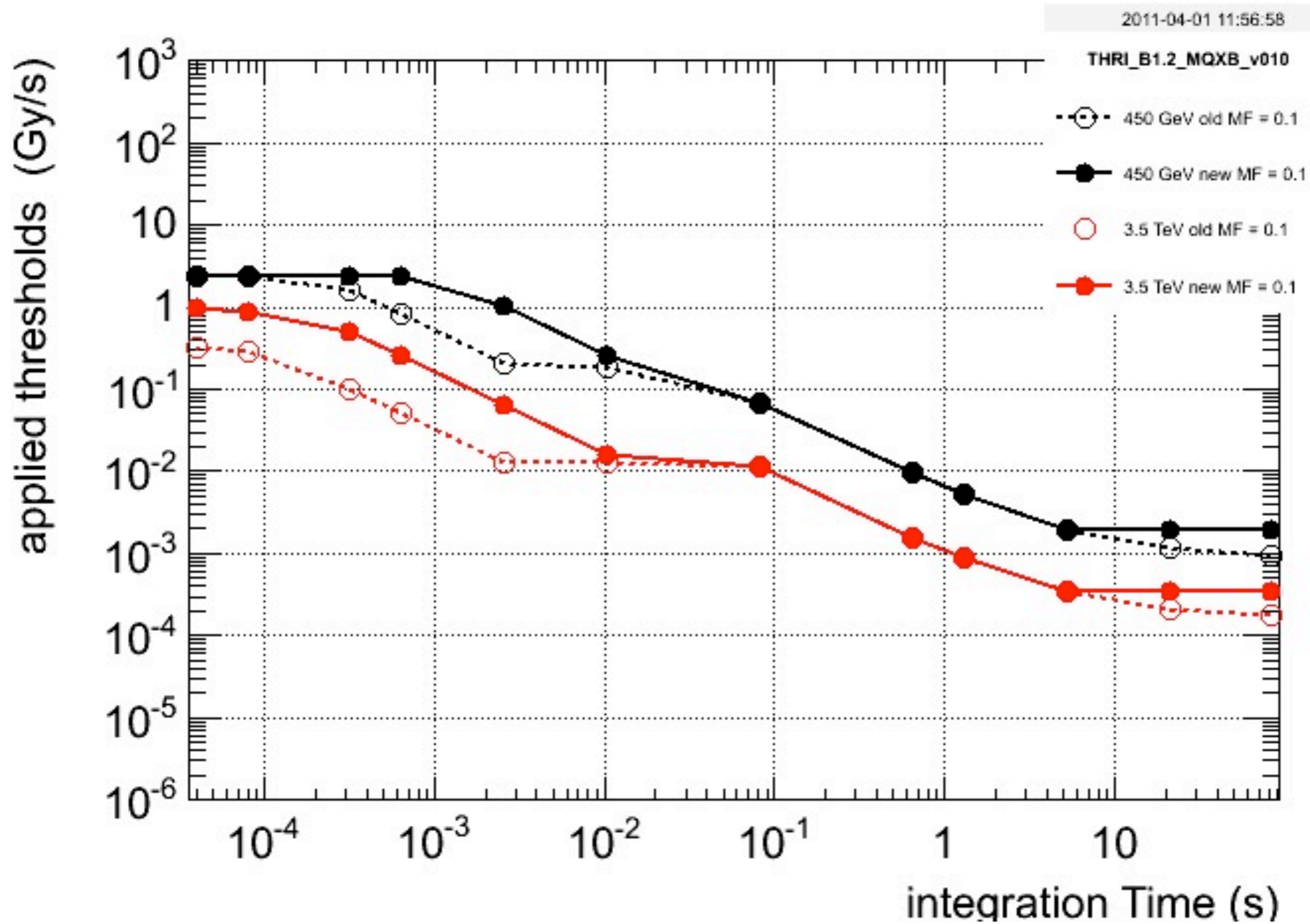


THRI_B1,.3_MQXA_IL

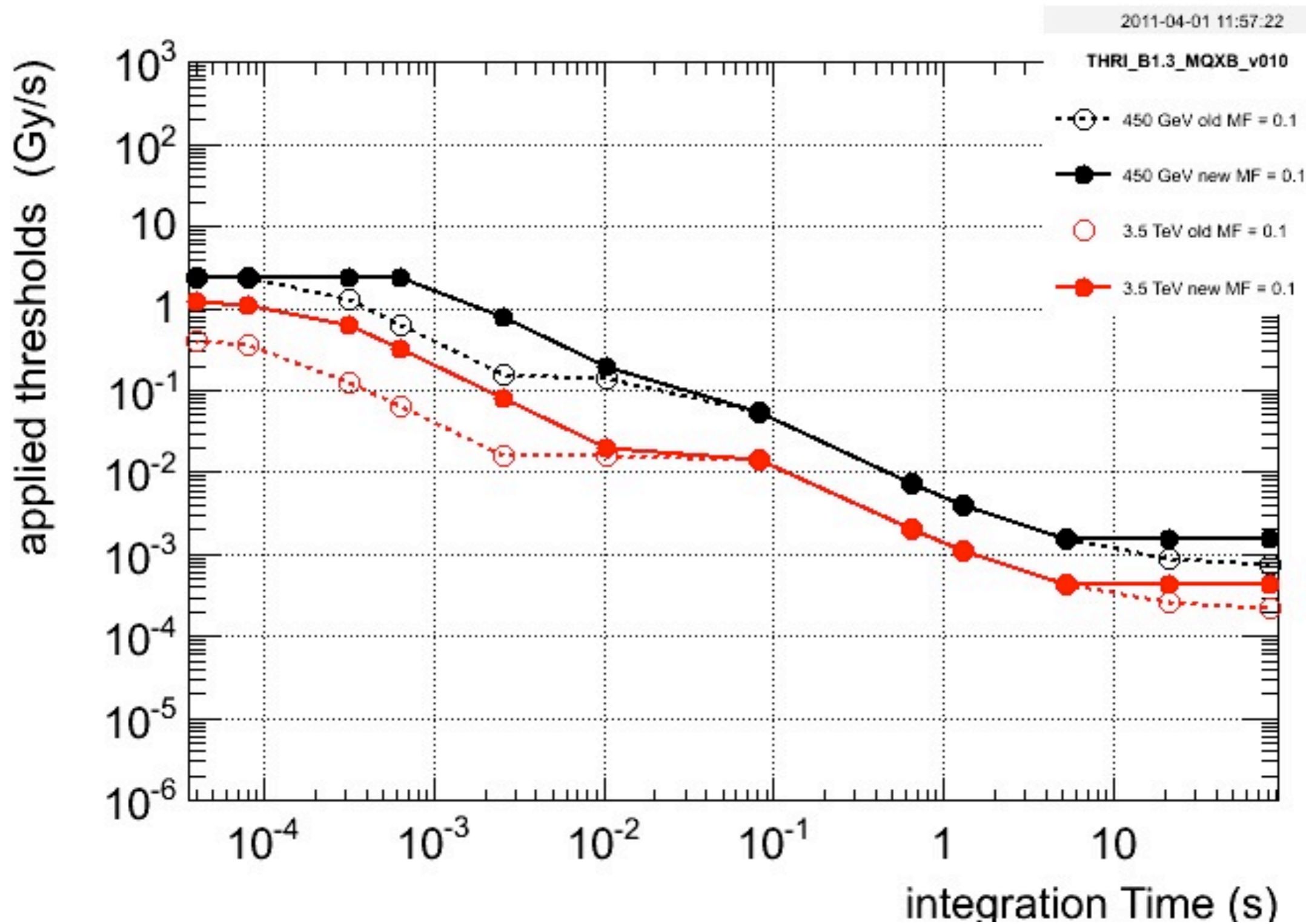
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THRI_B(1,2).2_MQXB_IL



THRI_B(1,2).3_MQXB_IL



THRI_TCTVB_OI_RC8

