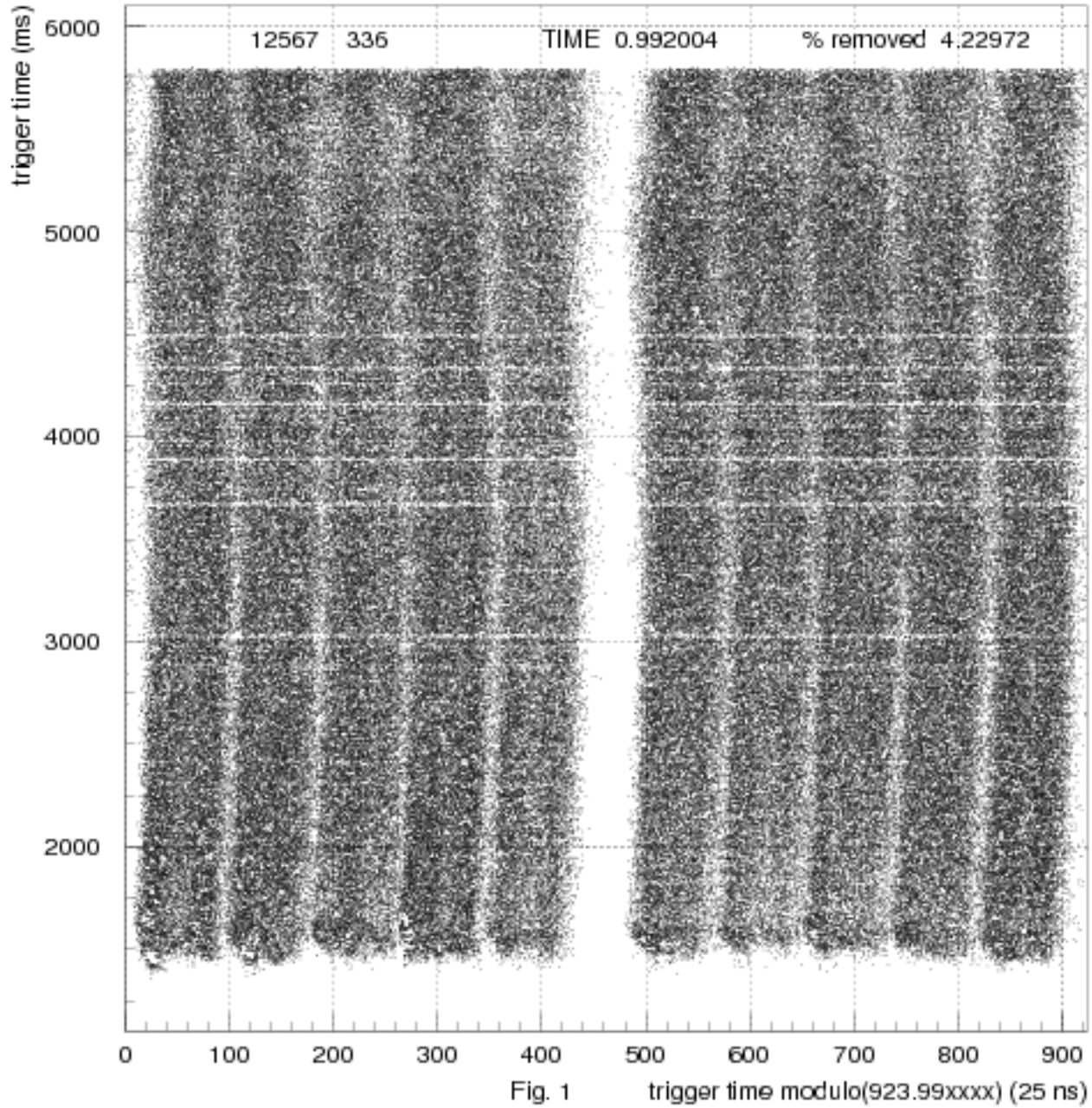
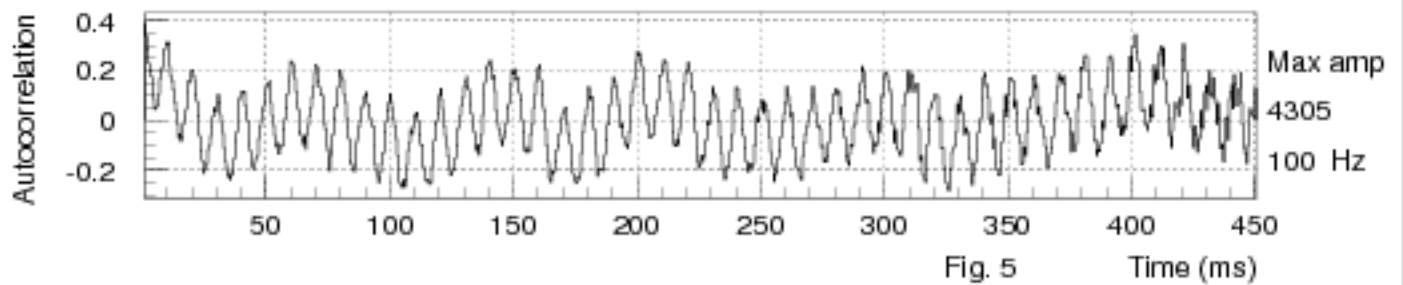
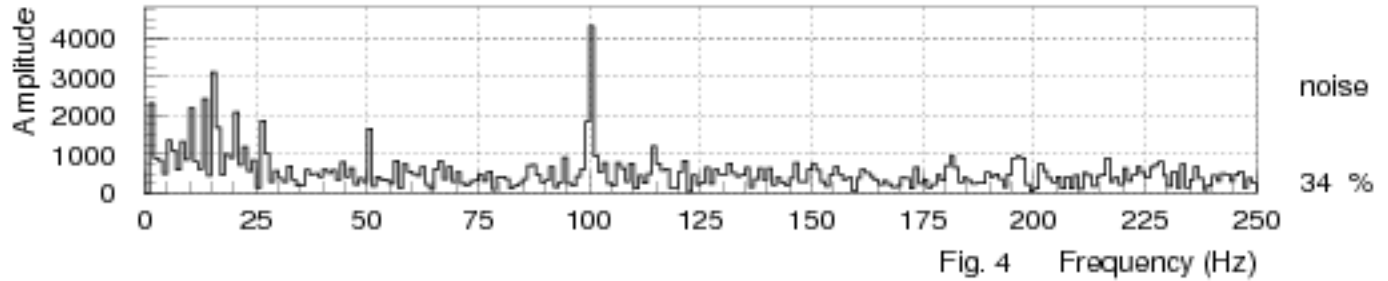
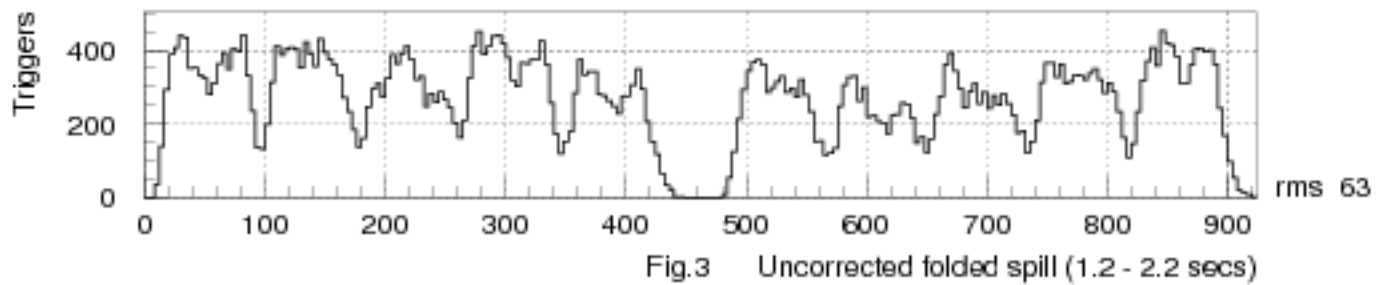
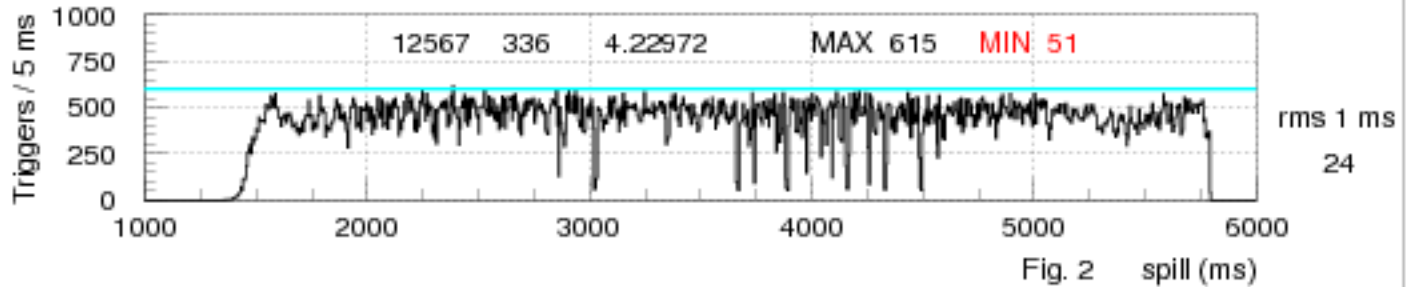


corrected spill (2D spill cut 10, hit cut 0)



Spill - full range - 5 ms bins



### Hits GTK(1) vs Spill Time, Folded Spill Time

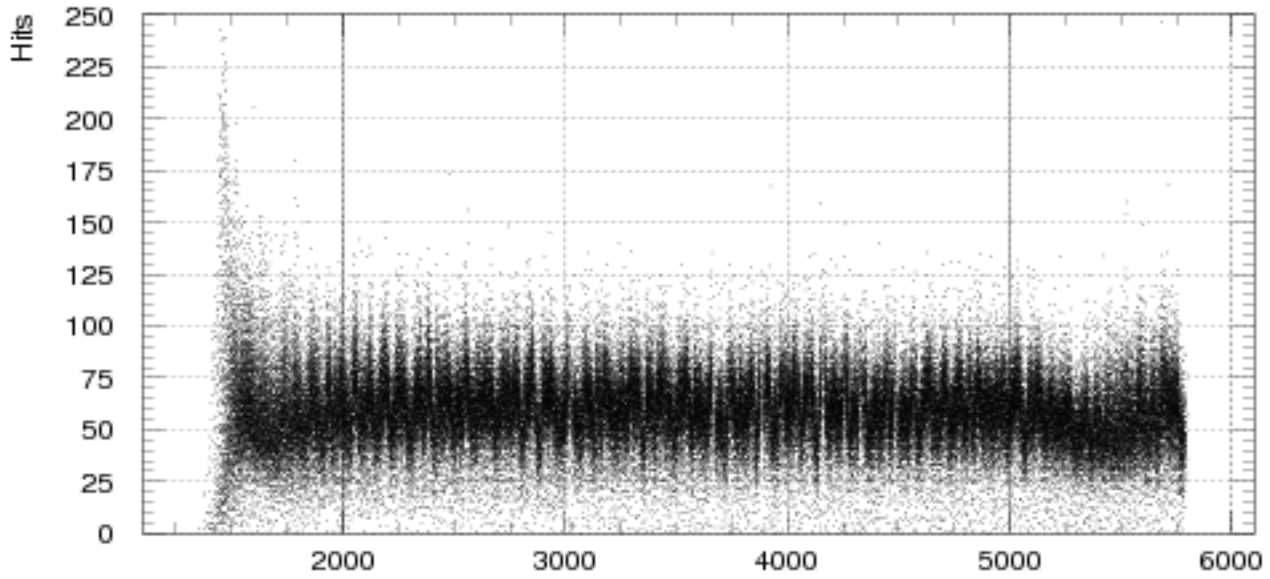


Fig. 6 Spill Time (ms)

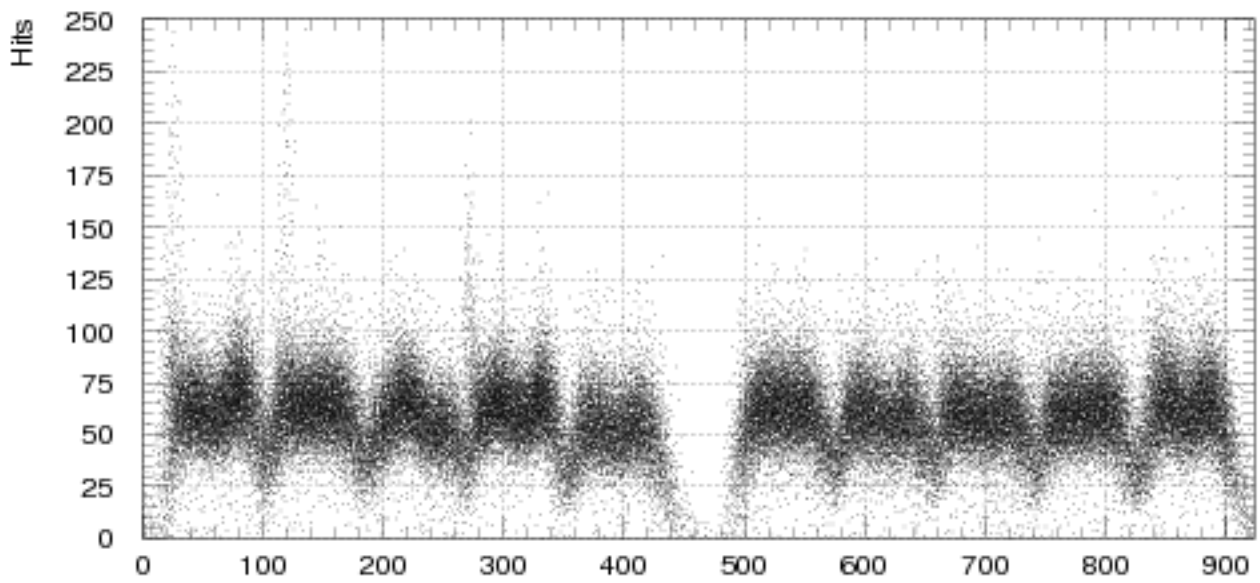
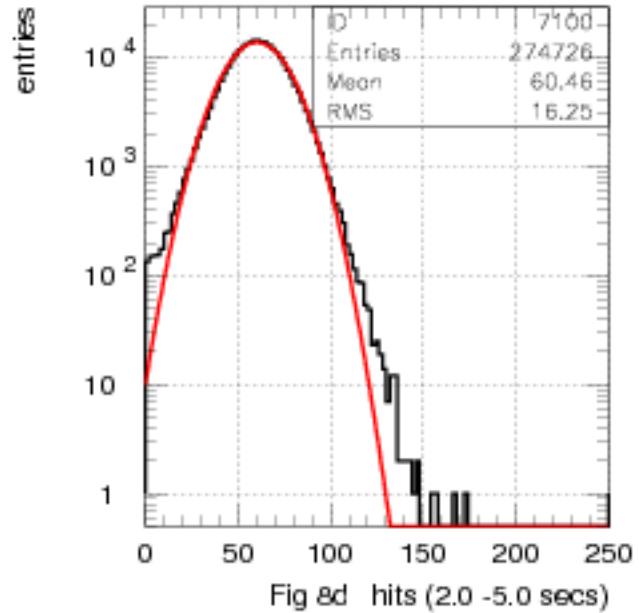
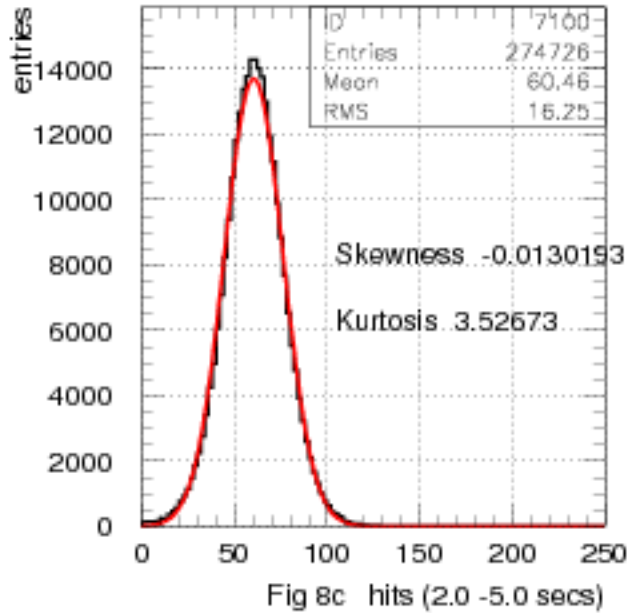
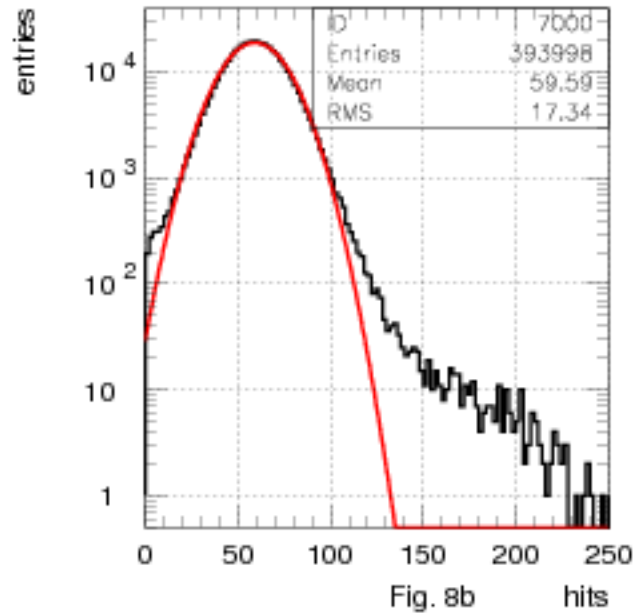
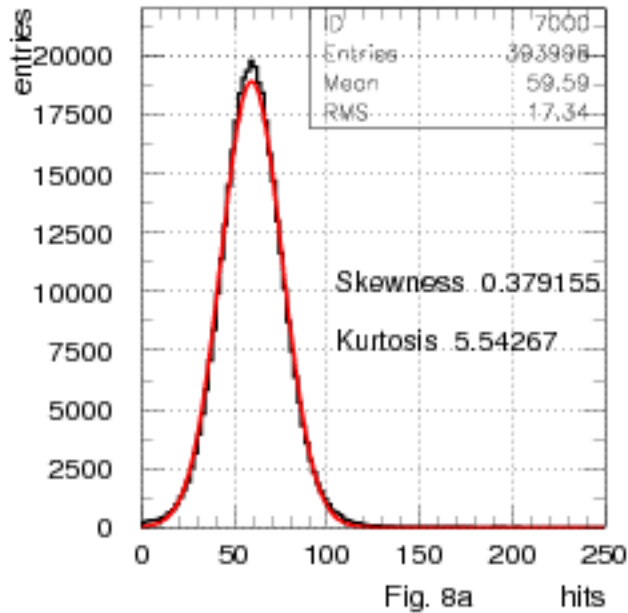


Fig. 7 Folded Spill Time (25 ns)

Hits GTK(1)



## Comparison of GTK(1) hits /5ms with triggers /5 ms

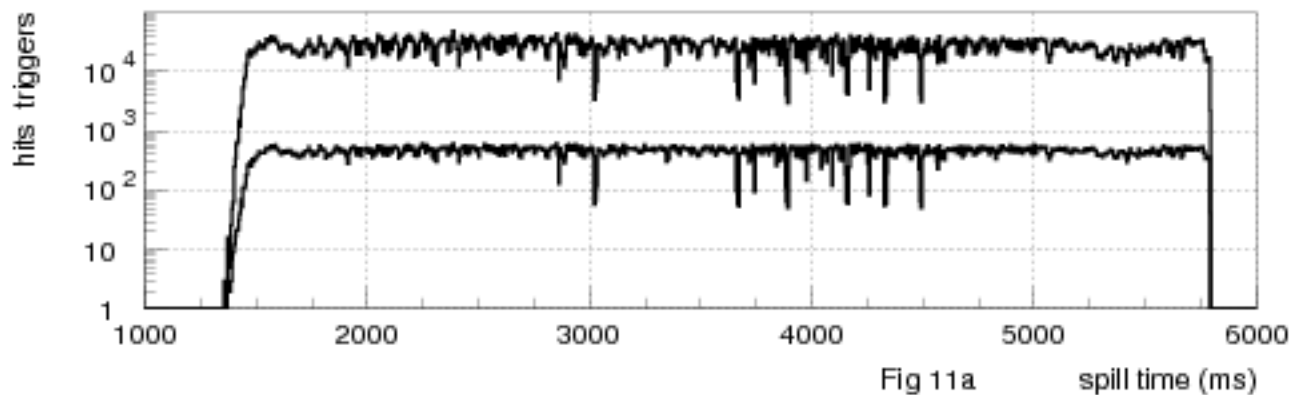


Fig 11a spill time (ms)

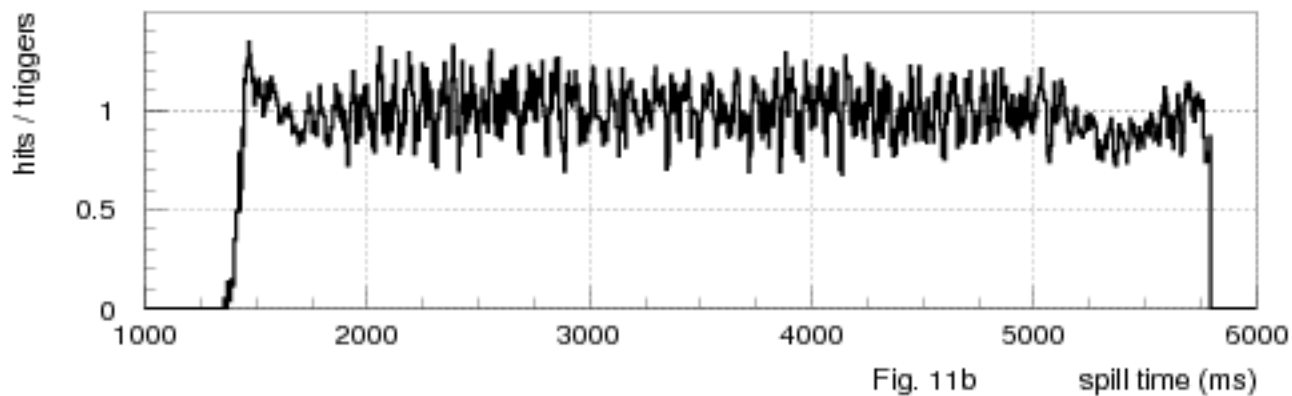


Fig. 11b spill time (ms)

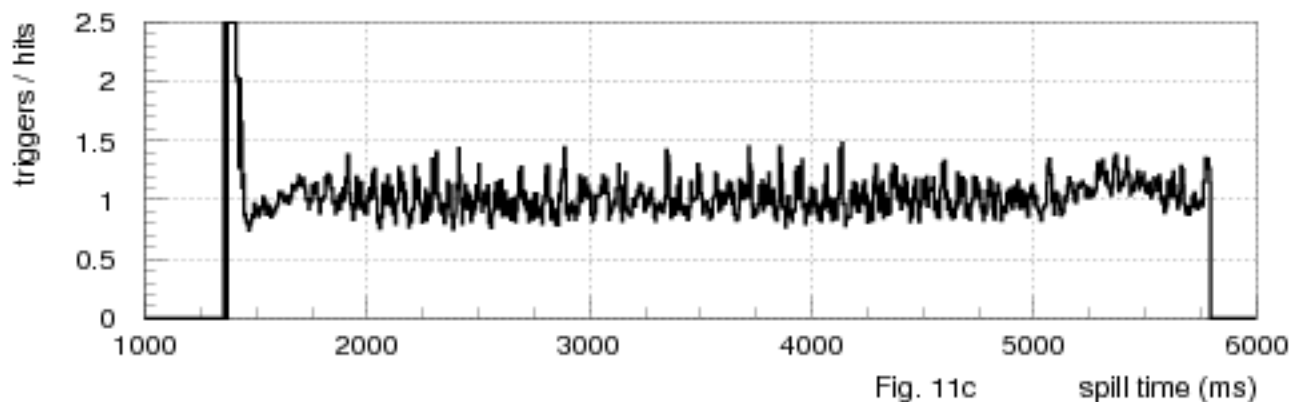


Fig. 11c spill time (ms)

corrected spill (2D spill cut 10, hit cut 0)

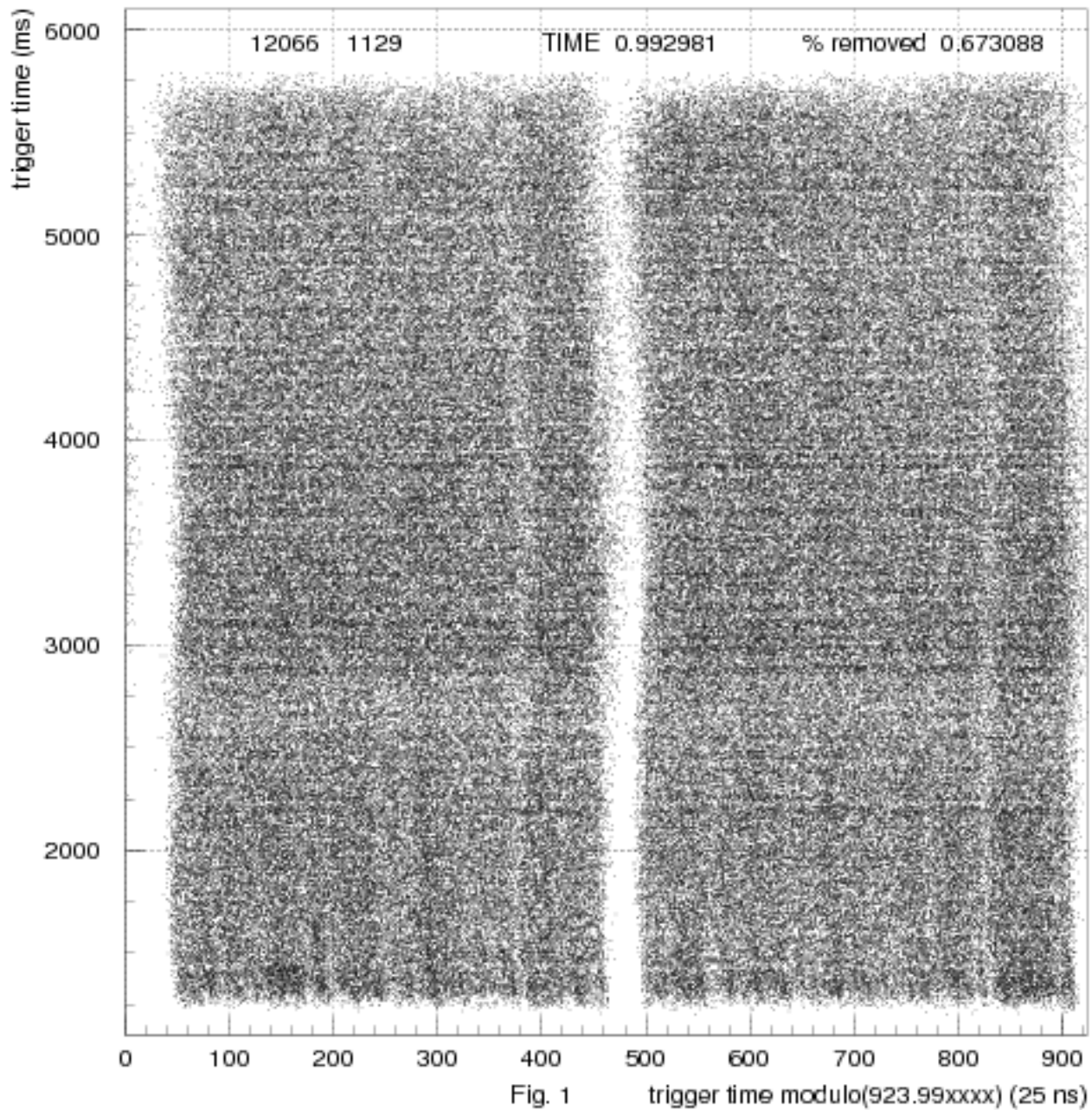
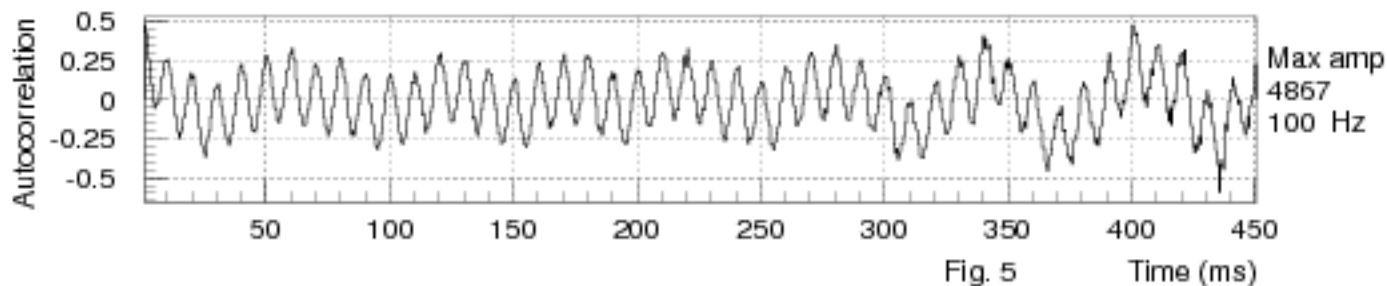
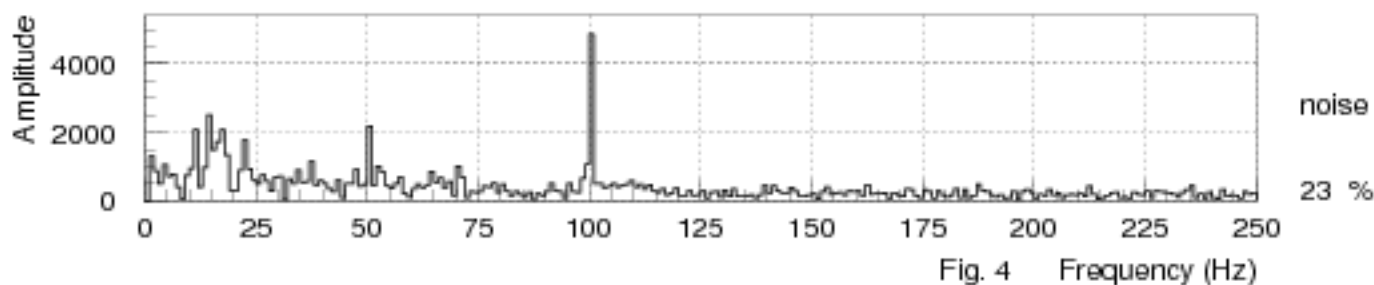
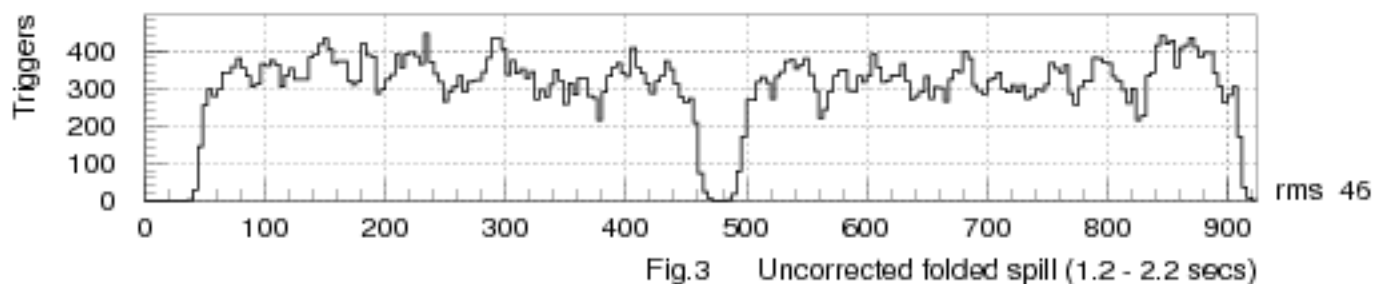
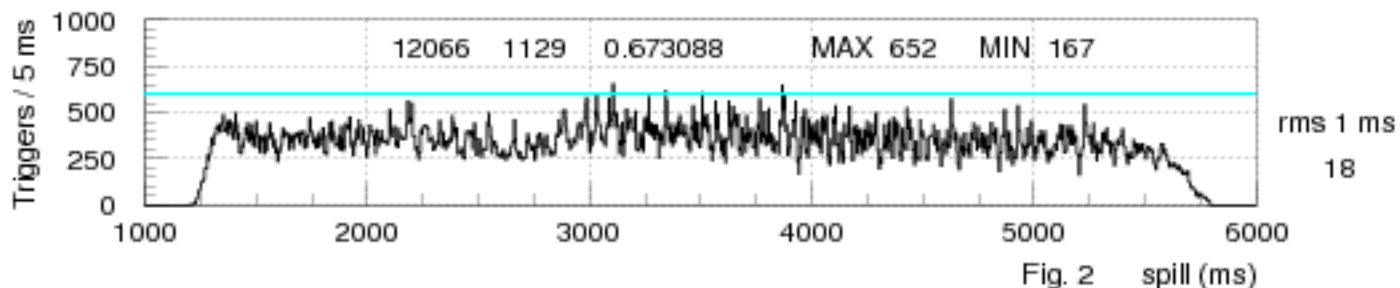


Fig. 1

trigger time modulo(923.99xxxx) (25 ns)

Spill - full range - 5 ms bins



Hits GTK(1) vs Spill Time, Folded Spill Time

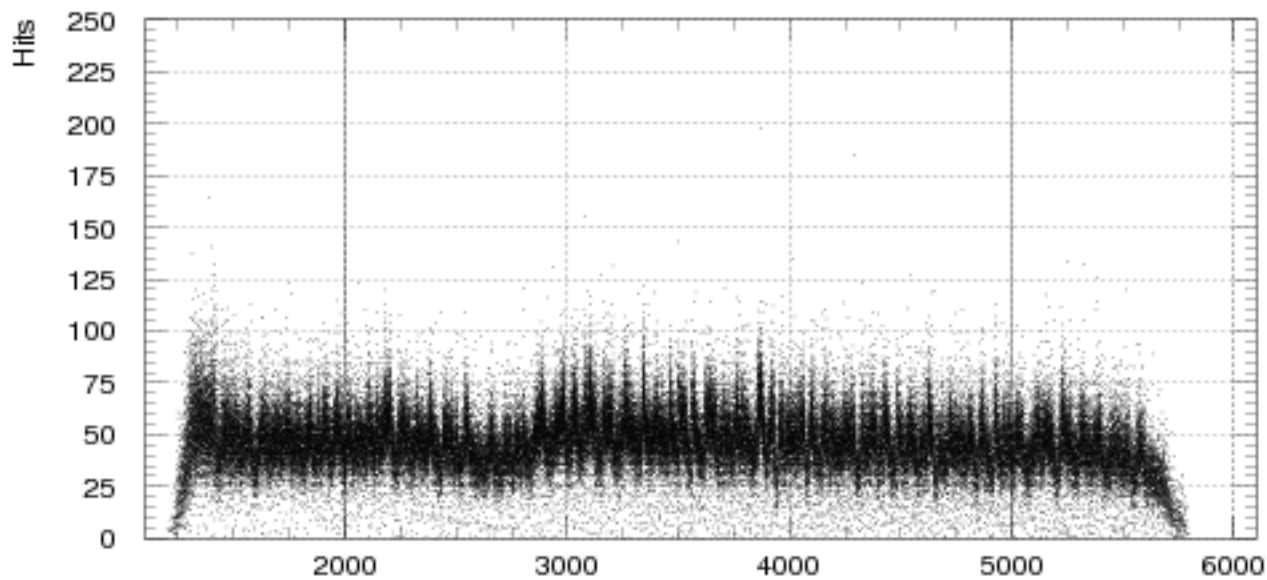


Fig. 6 Spill Time (ms)

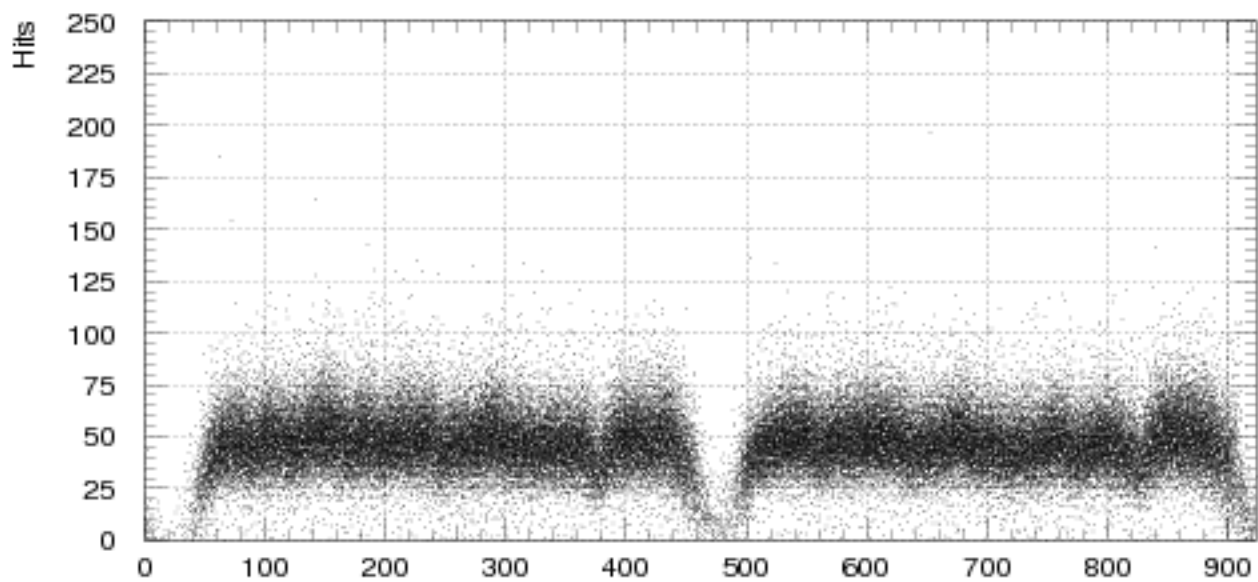
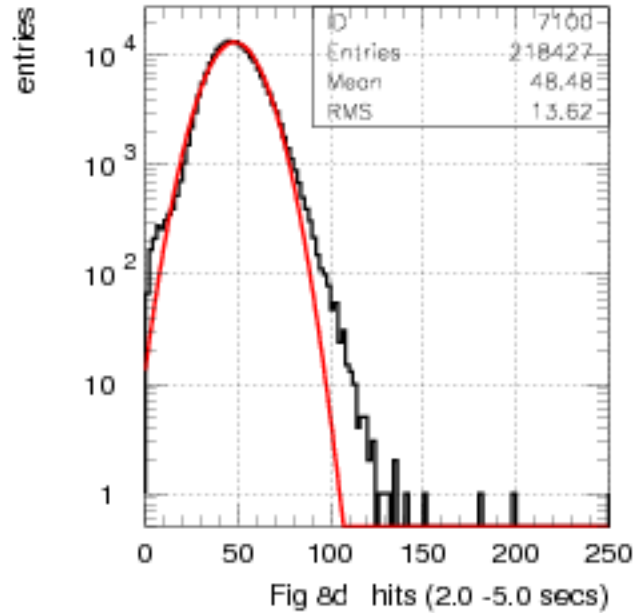
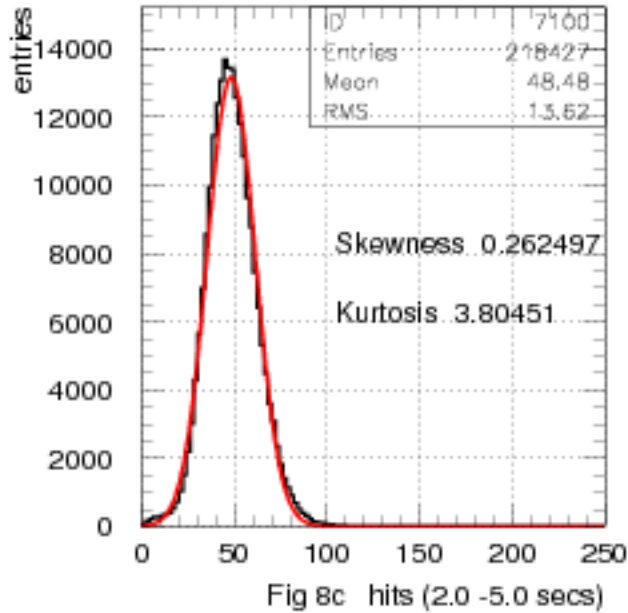
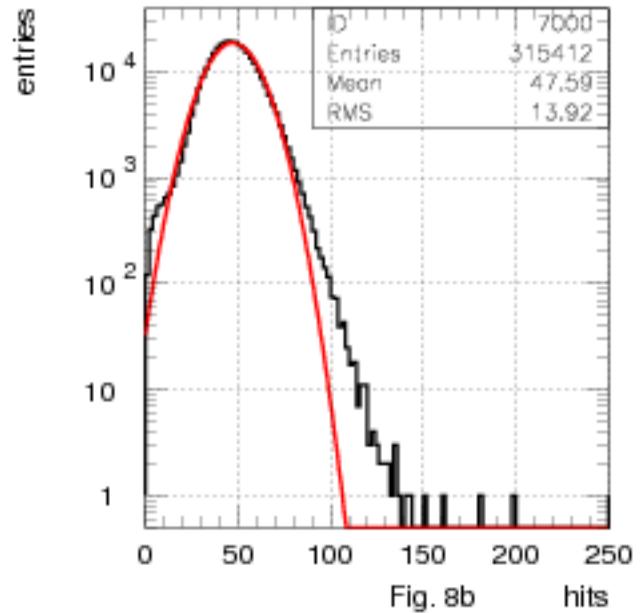
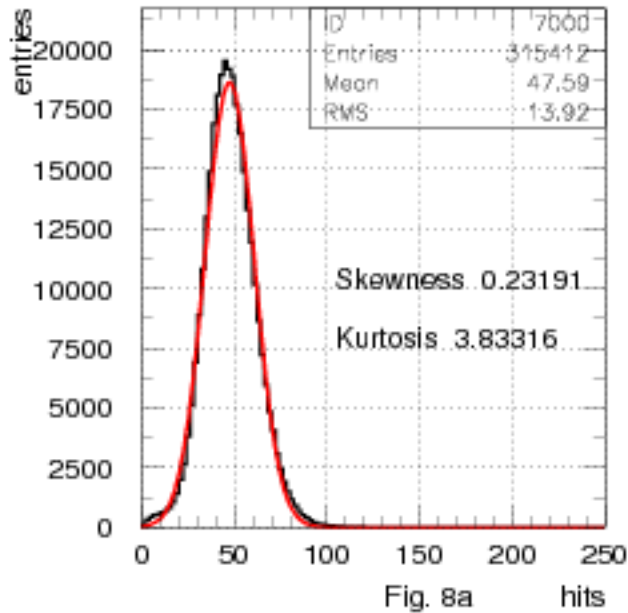


Fig. 7 Folded Spill Time (25 ns)



Hits GTK(1)



## Comparison of GTK(1) hits /5ms with triggers /5 ms

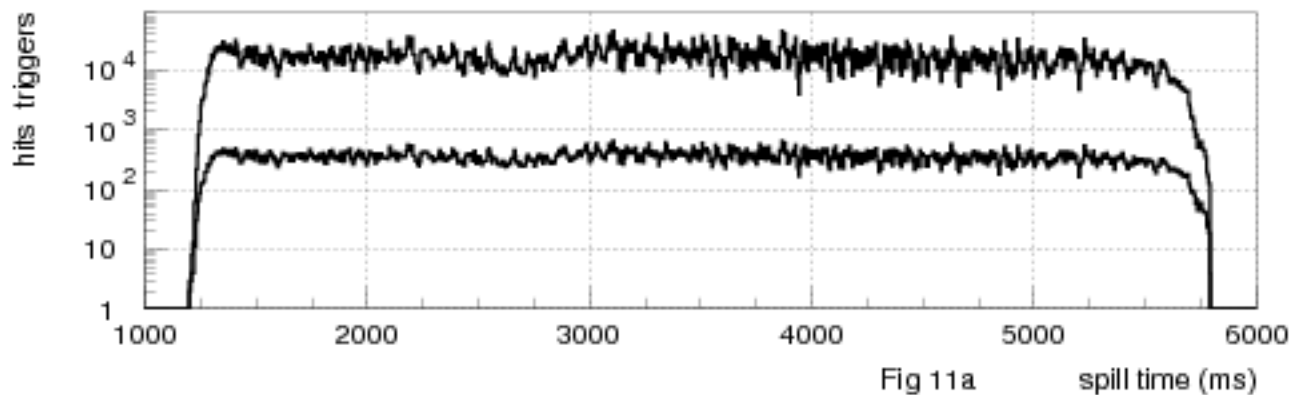


Fig 11a spill time (ms)

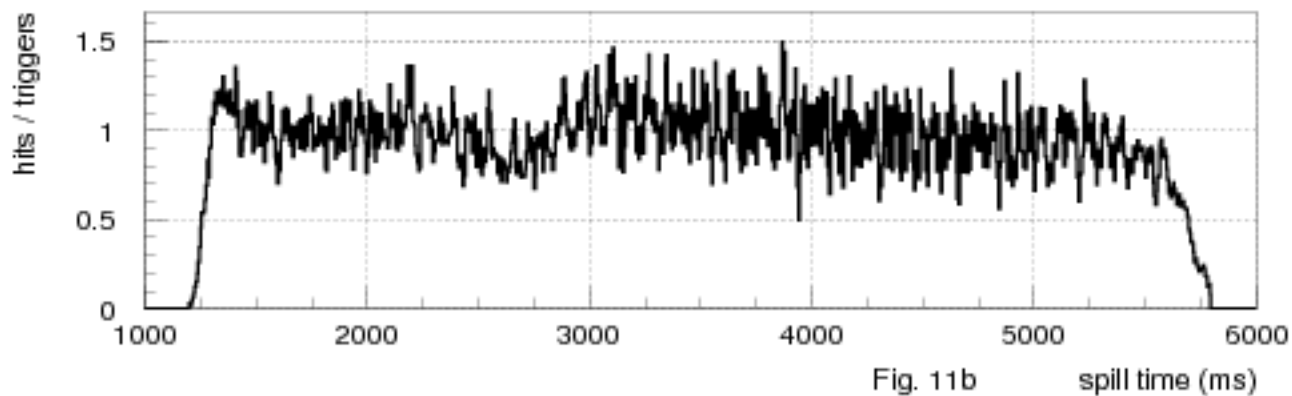


Fig. 11b spill time (ms)

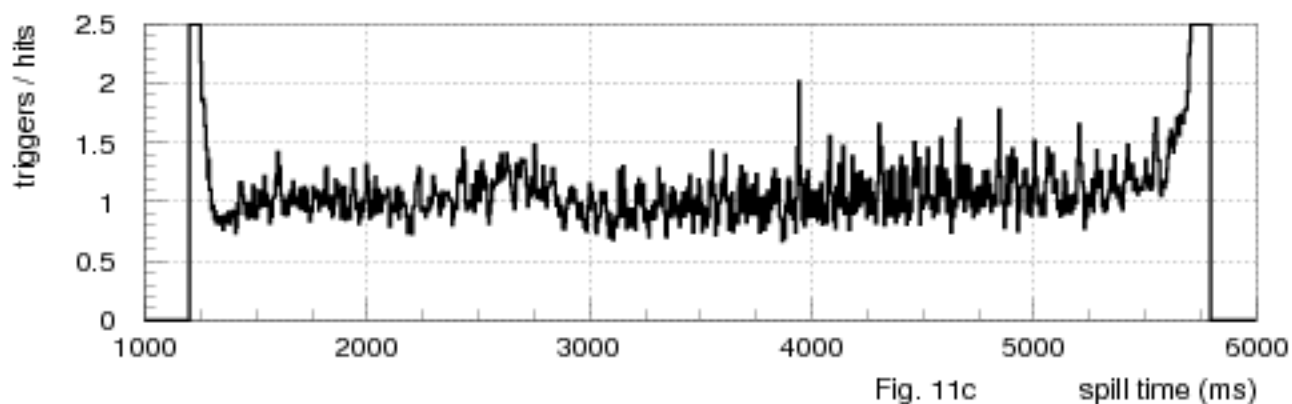
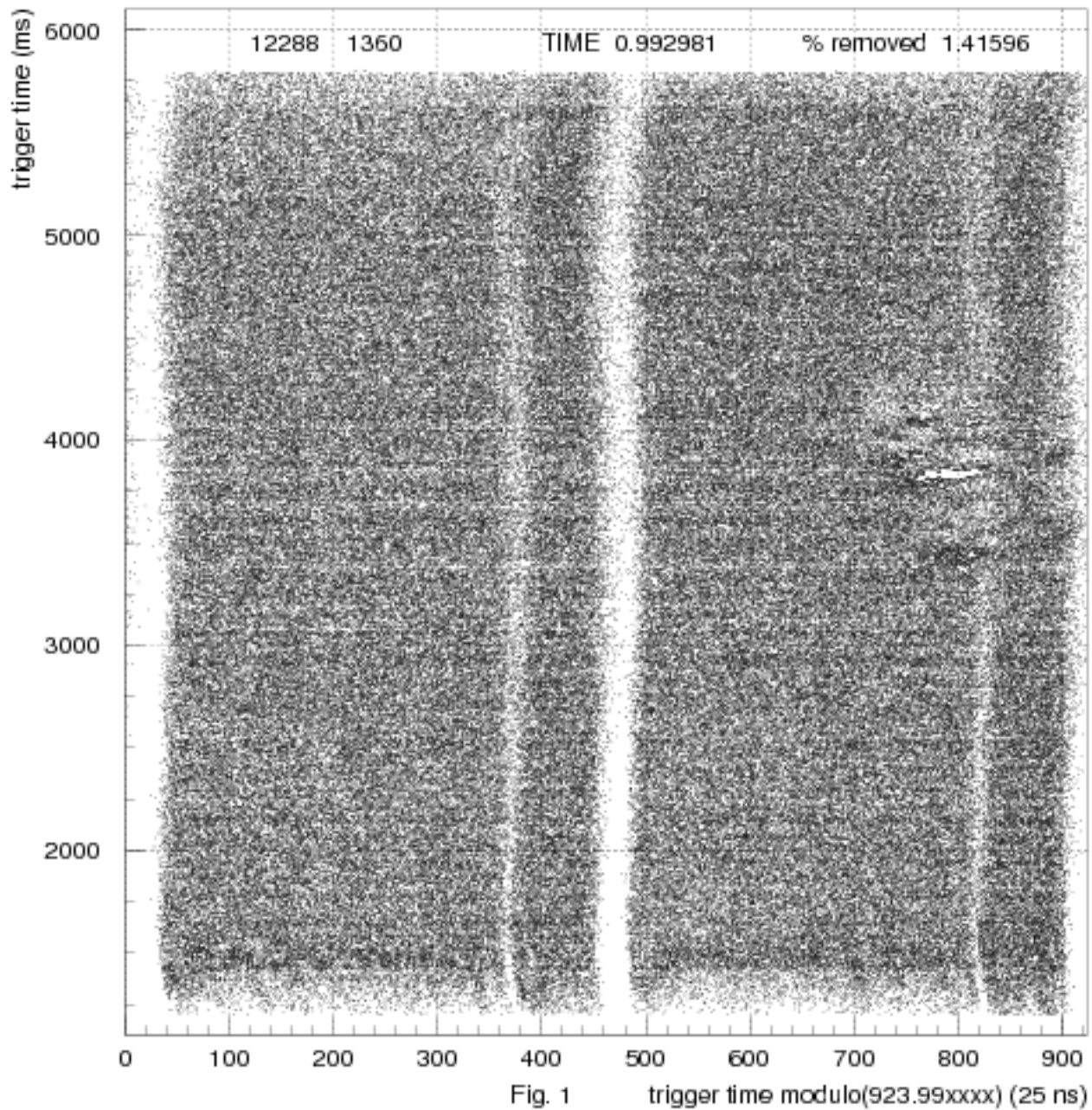


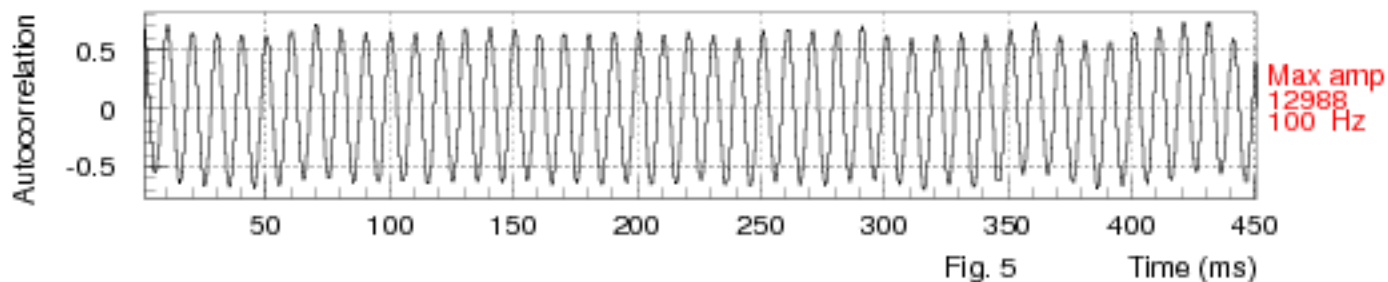
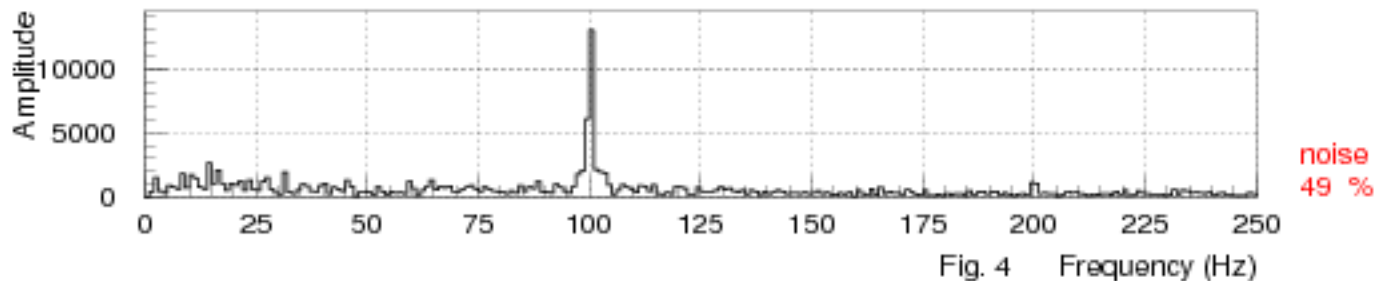
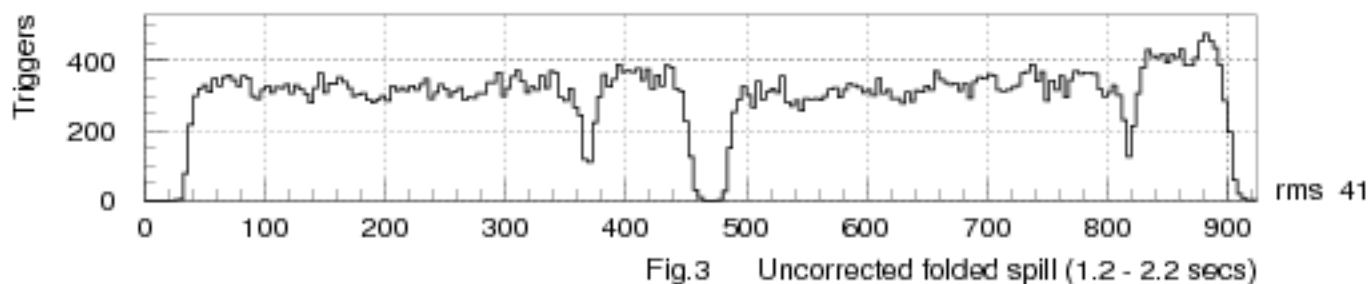
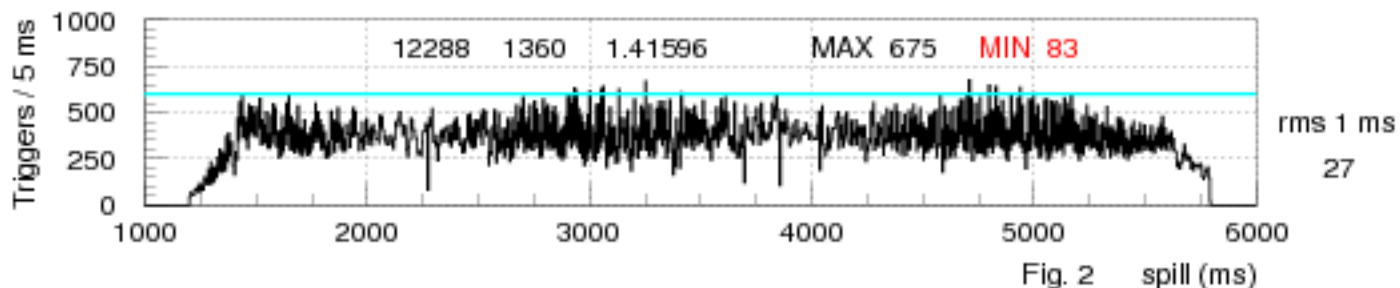
Fig. 11c spill time (ms)

corrected spill (2D spill cut 10, hit cut 0)



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Spill - full range - 5 ms bins



Hits GTK(1) vs Spill Time, Folded Spill Time

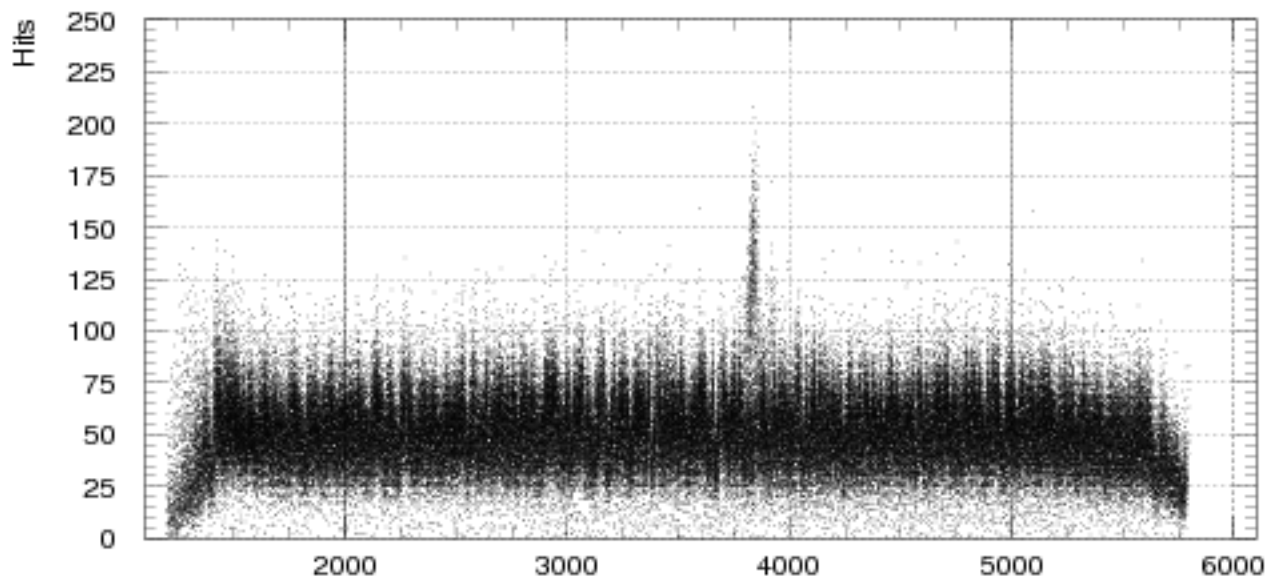


Fig. 6 Spill Time (ms)

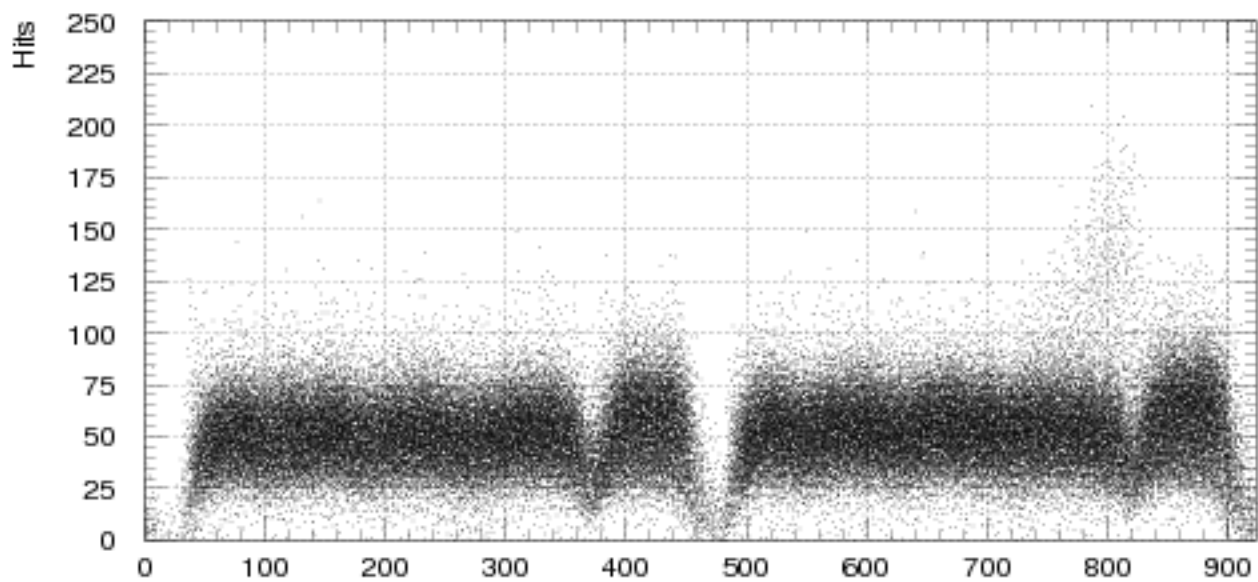
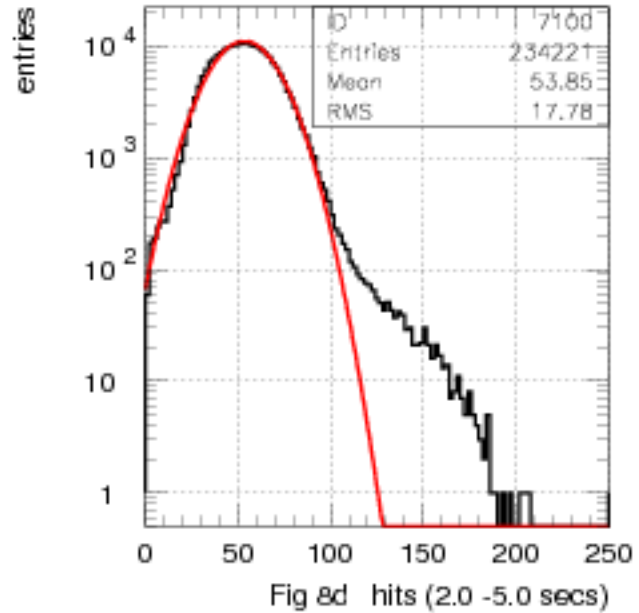
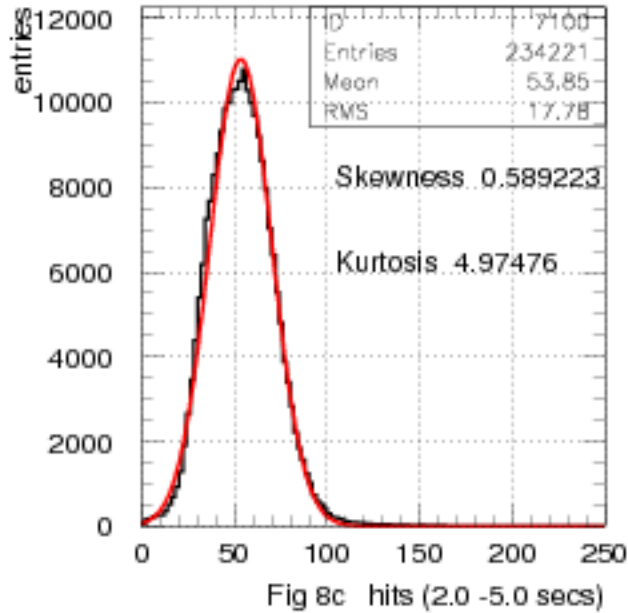
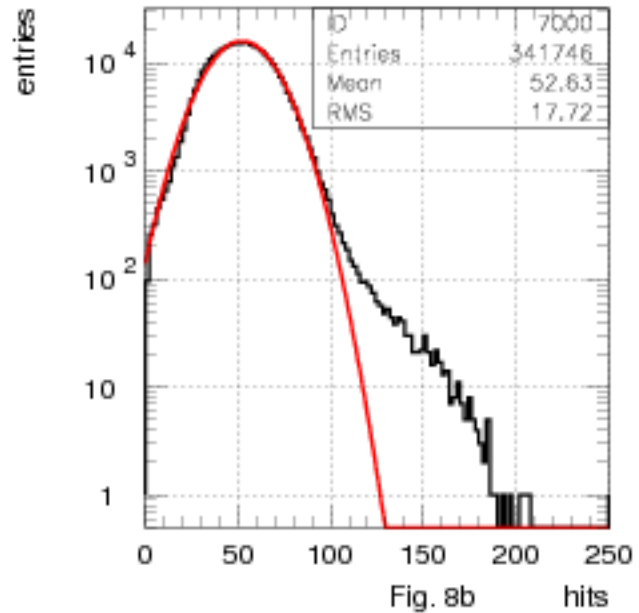
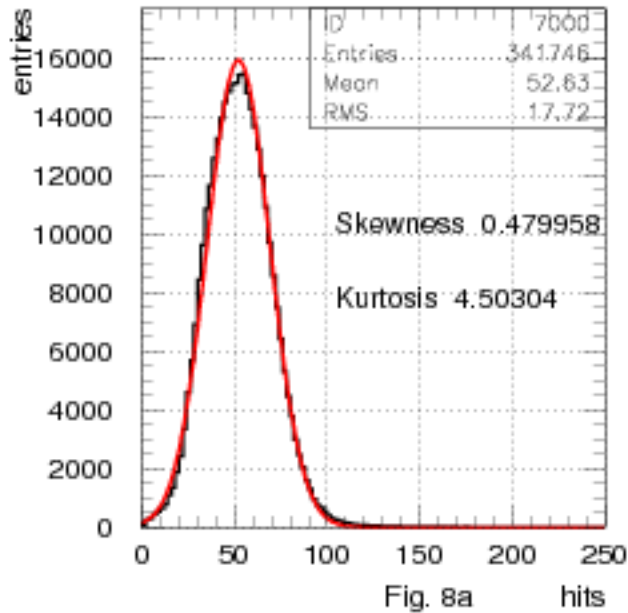


Fig. 7 Folded Spill Time (25 ns)

Hits GTK(1)



## Comparison of GTK(1) hits /5ms with triggers /5 ms

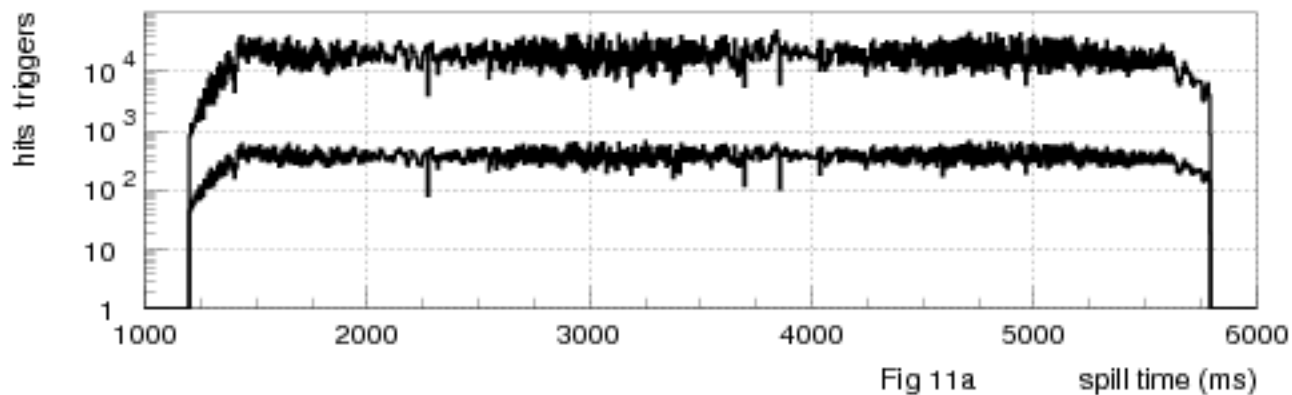


Fig 11a spill time (ms)

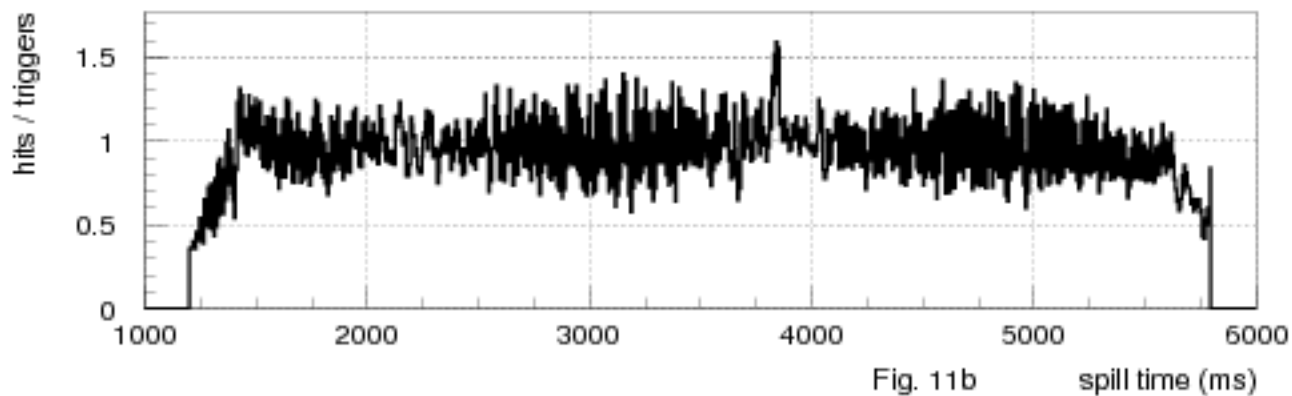


Fig. 11b spill time (ms)

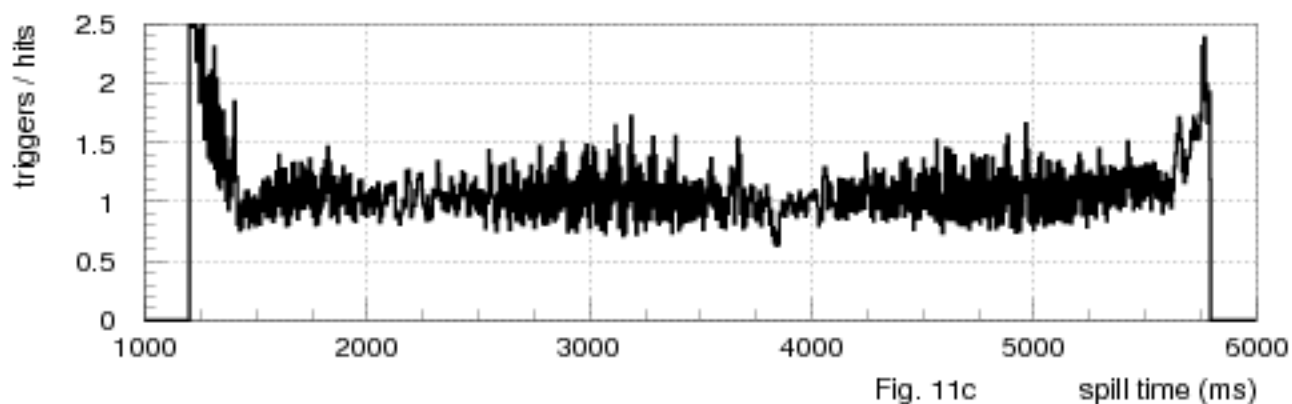


Fig. 11c spill time (ms)

corrected spill (2D spill cut 10, hit cut 0)

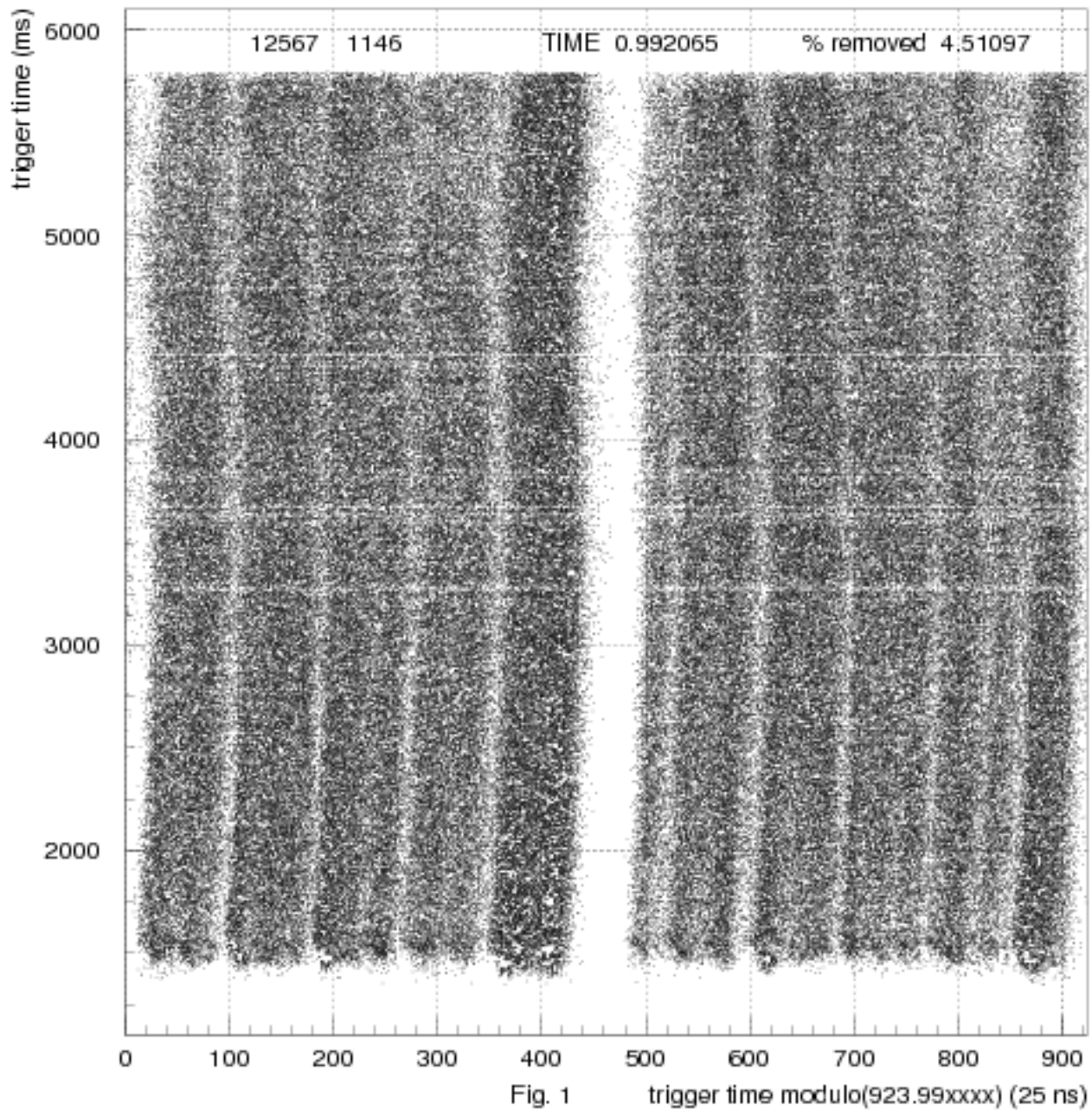


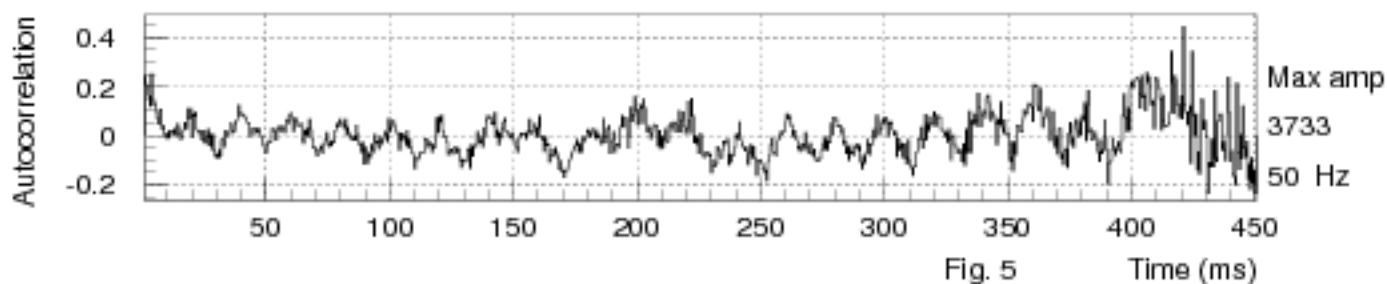
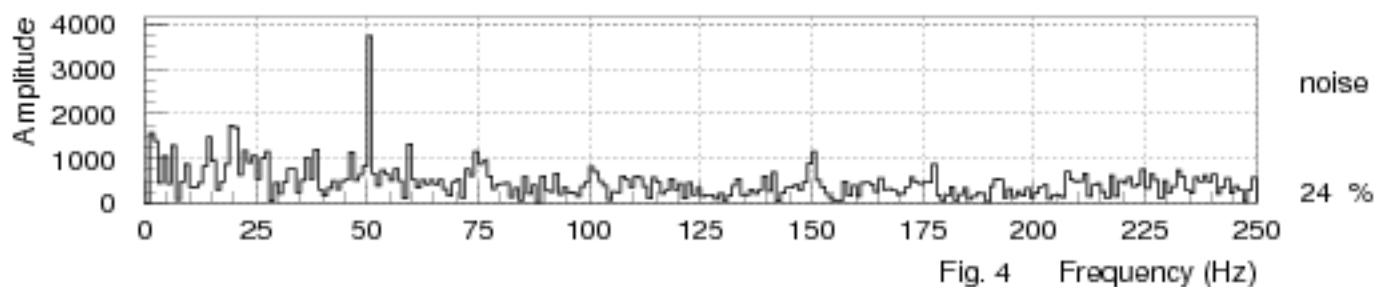
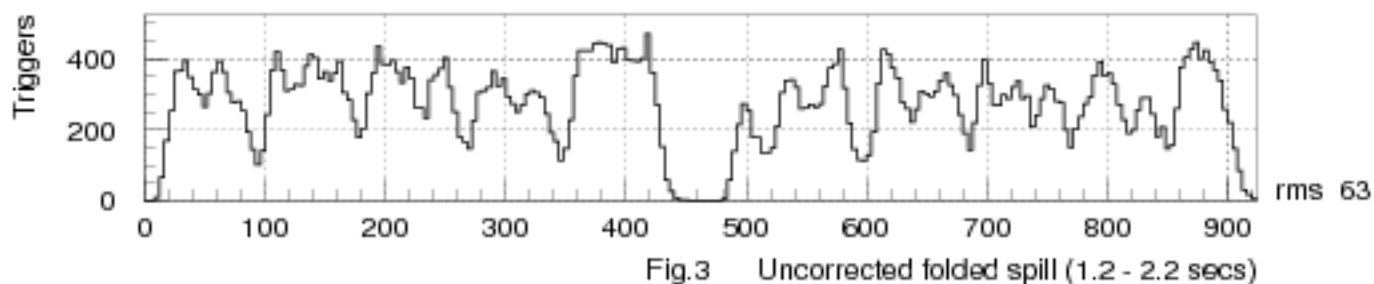
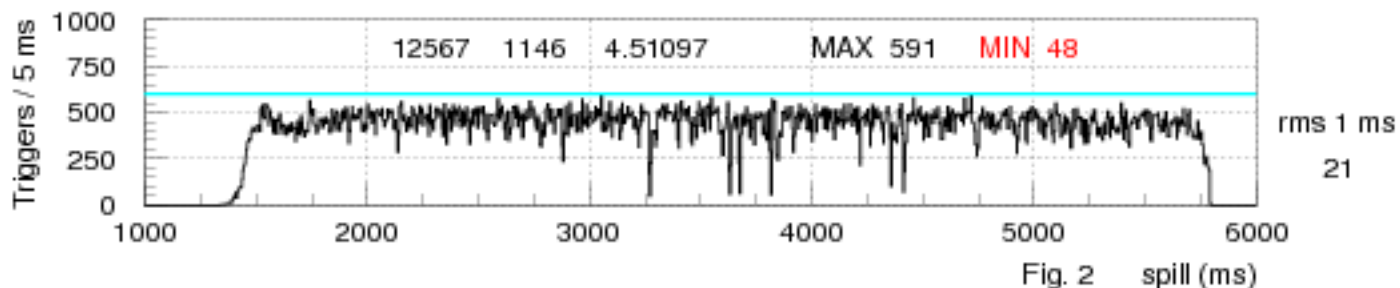
Fig. 1

trigger time modulo(923.99xxxx) (25 ns)



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Spill - full range - 5 ms bins



Hits GTK(1) vs Spill Time, Folded Spill Time

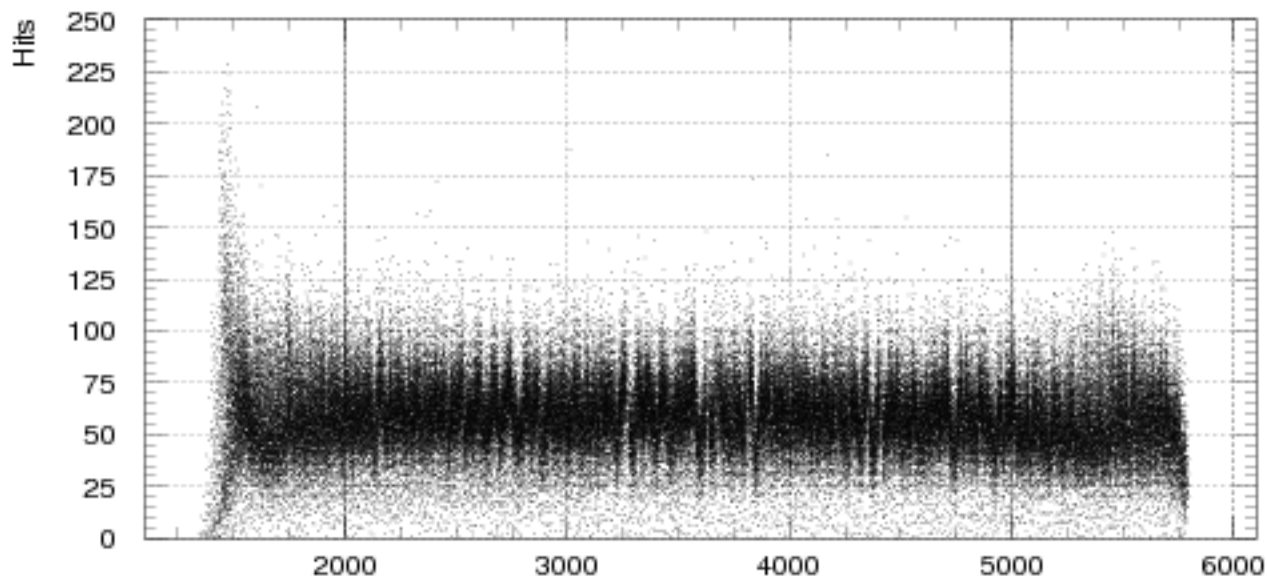


Fig. 6 Spill Time (ms)

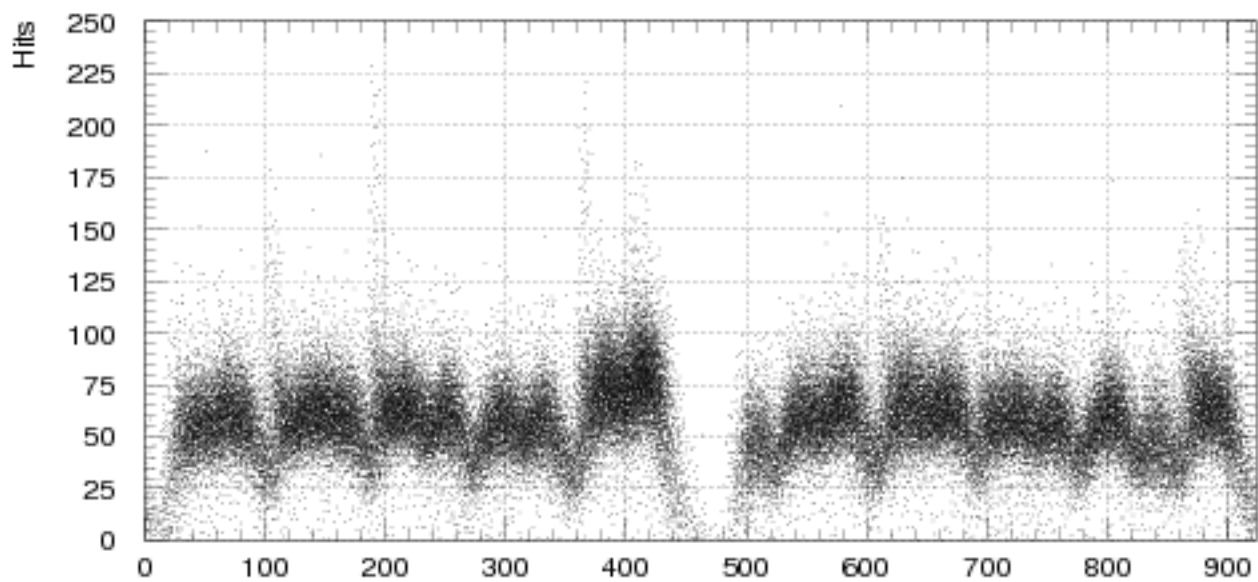
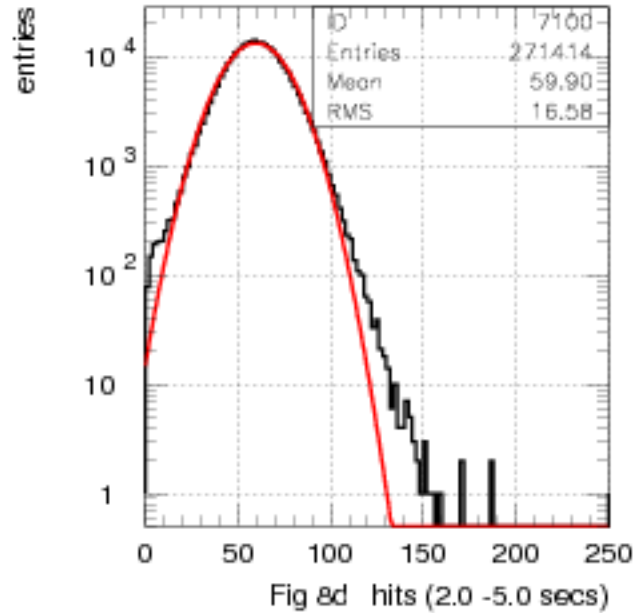
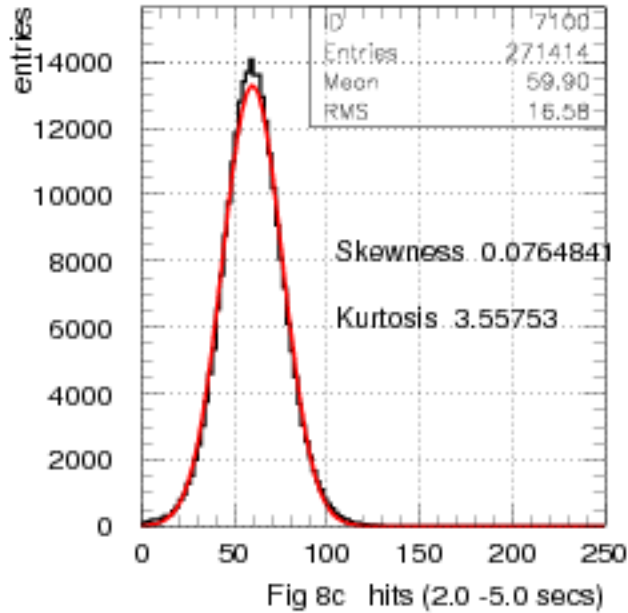
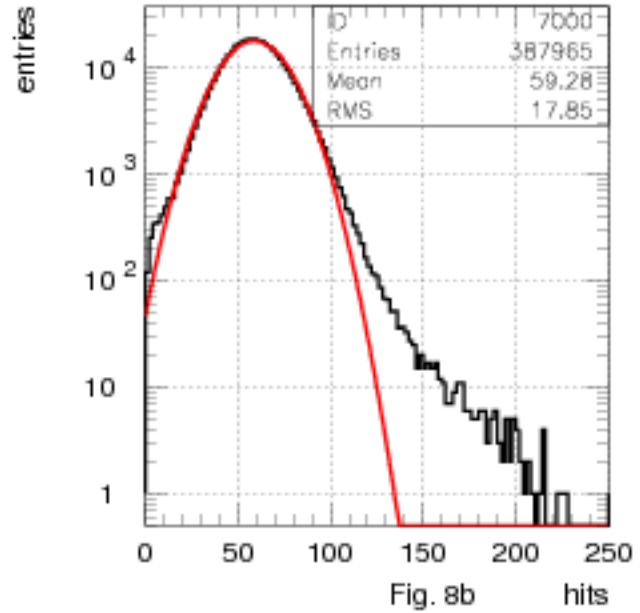
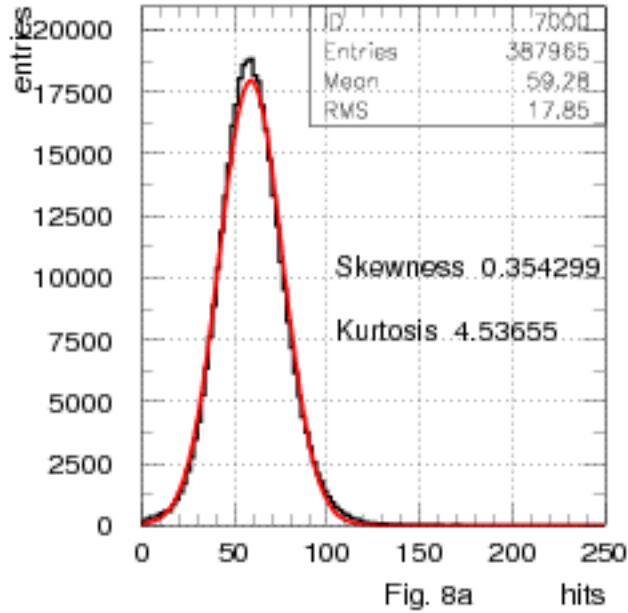


Fig. 7 Folded Spill Time (25 ns)

Hits GTK(1)



## Comparison of GTK(1) hits /5ms with triggers /5 ms

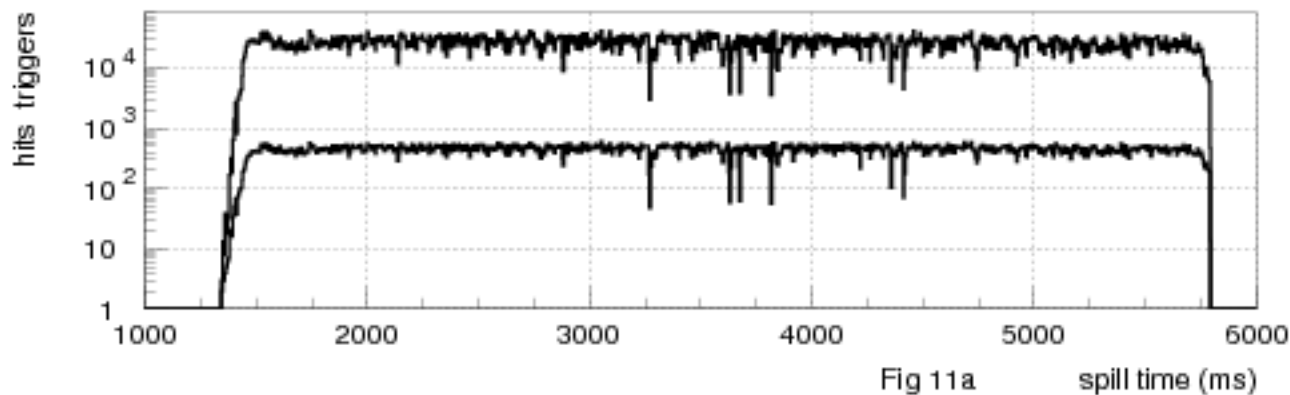


Fig 11a spill time (ms)

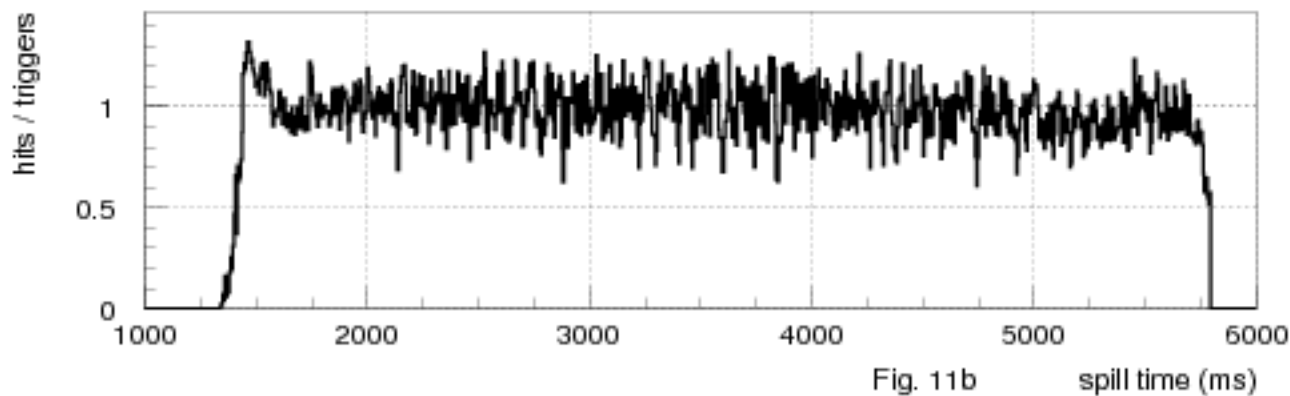


Fig. 11b spill time (ms)

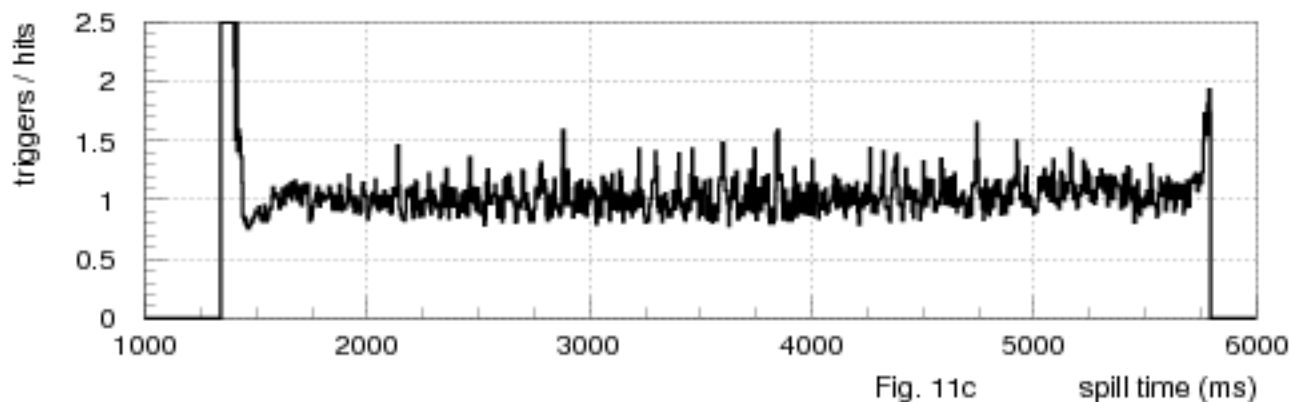
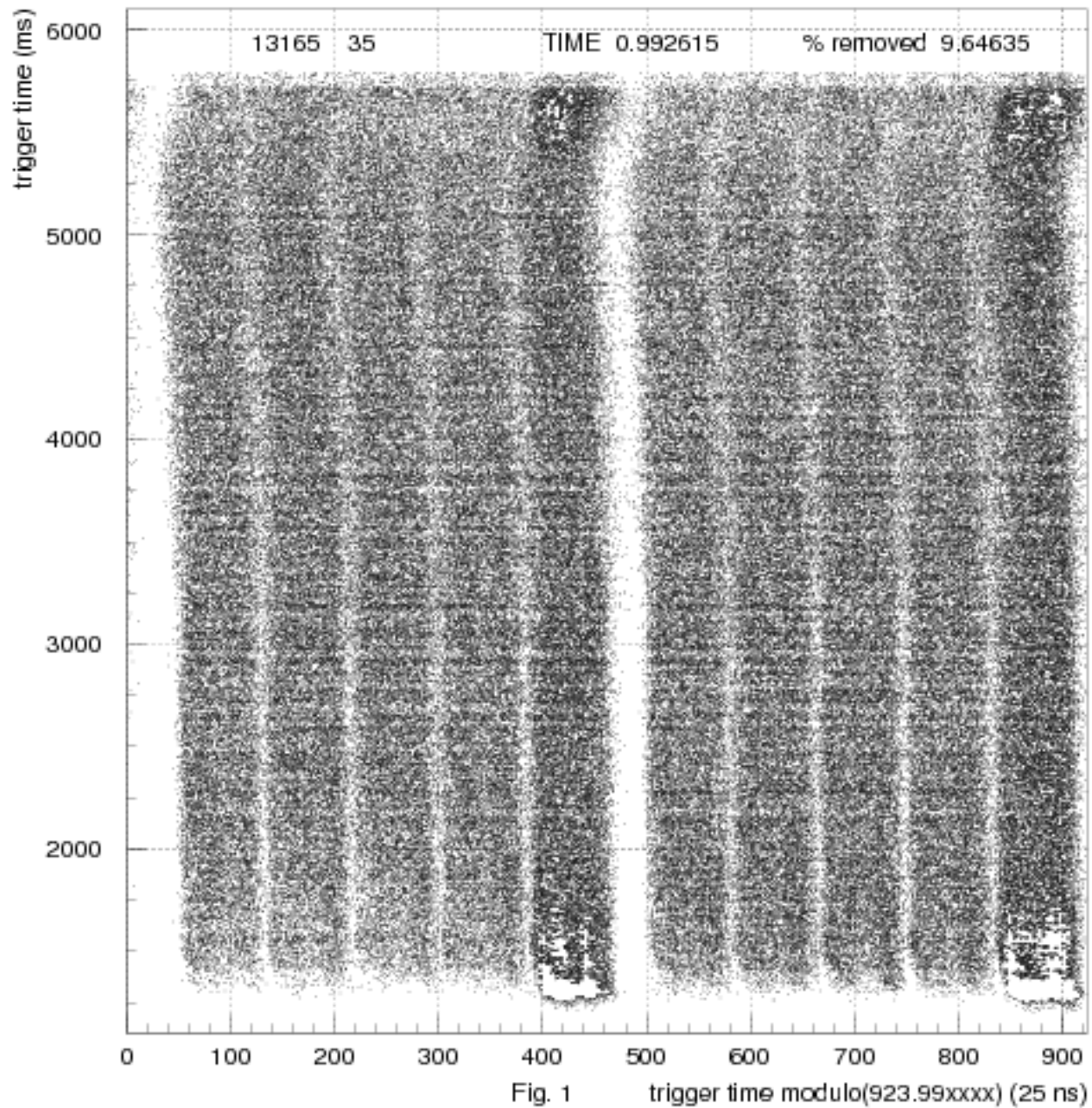


Fig. 11c spill time (ms)

corrected spill (2D spill cut 10, hit cut 0)



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Spill - full range - 5 ms bins

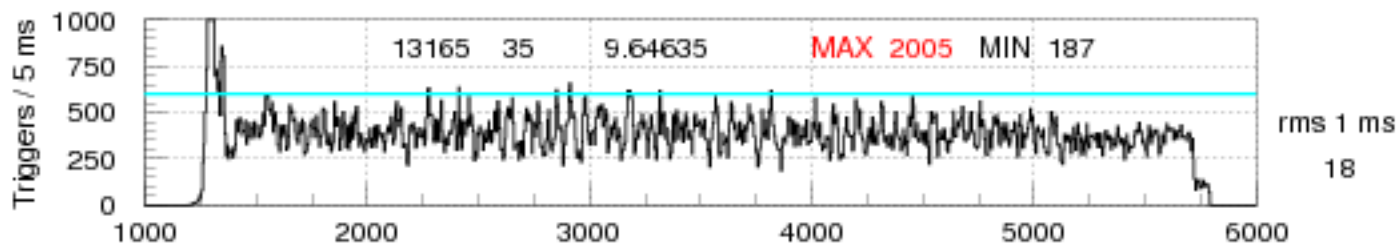


Fig. 2 spill (ms)

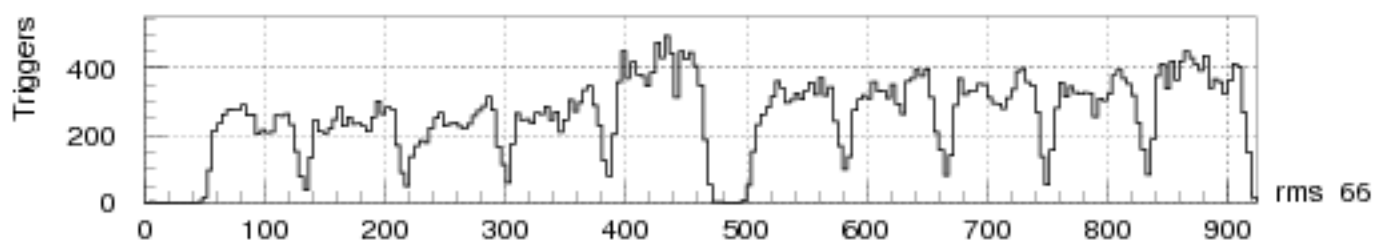


Fig.3 Uncorrected folded spill (1.2 - 2.2 secs)

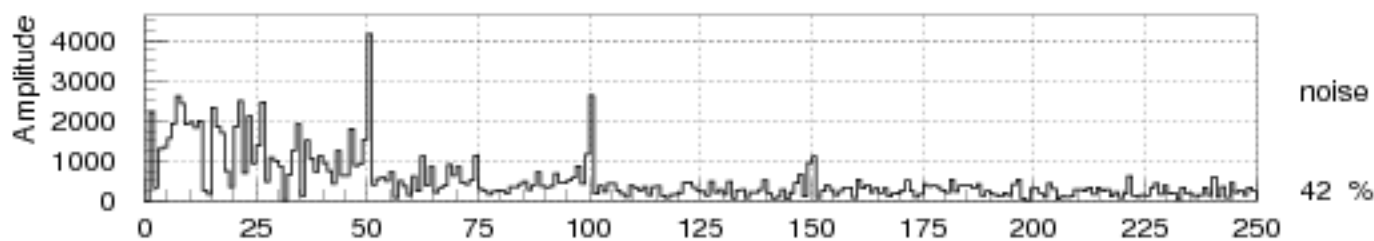


Fig. 4 Frequency (Hz)

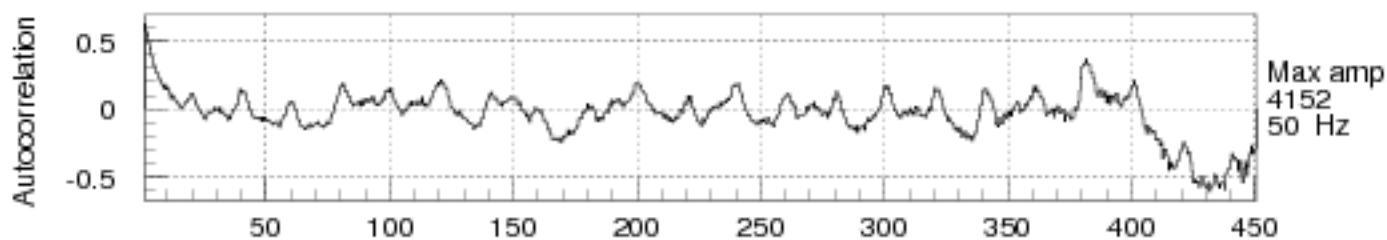


Fig. 5 Time (ms)

Hits GTK(1) vs Spill Time, Folded Spill Time

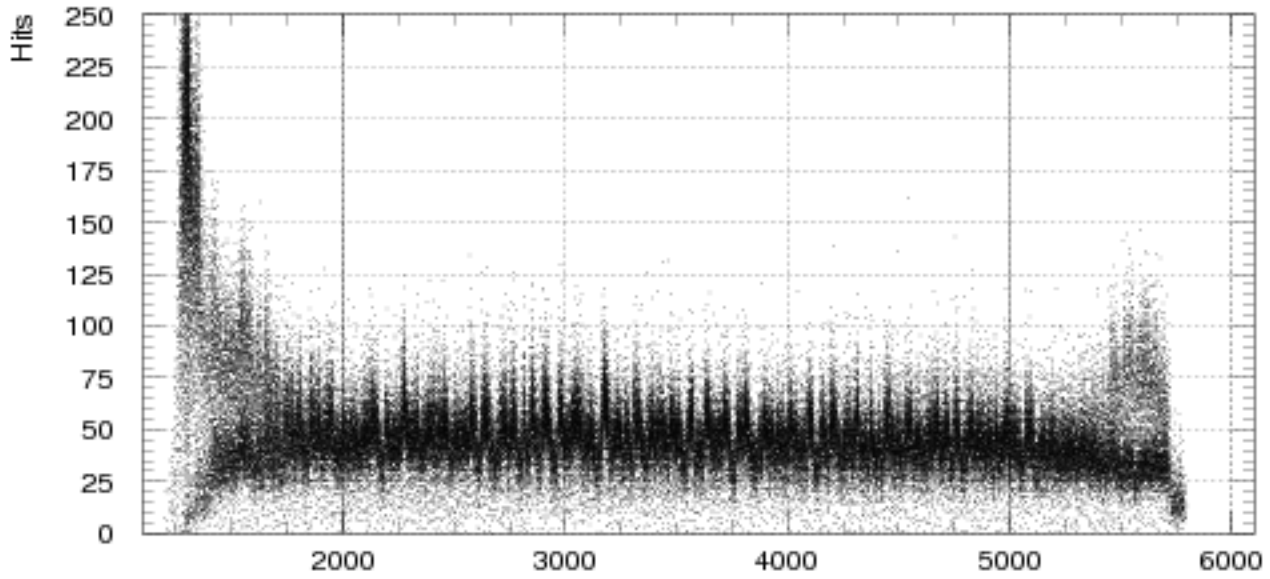


Fig. 6 Spill Time (ms)

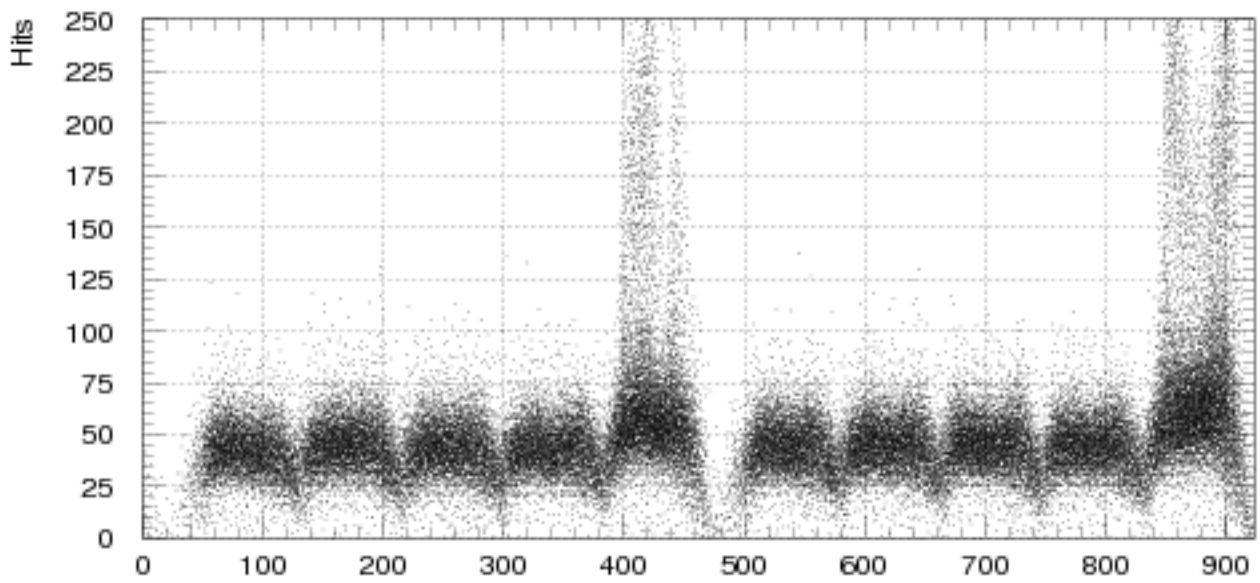


Fig. 7 Folded Spill Time (25 ns)

Hits GTK(1)

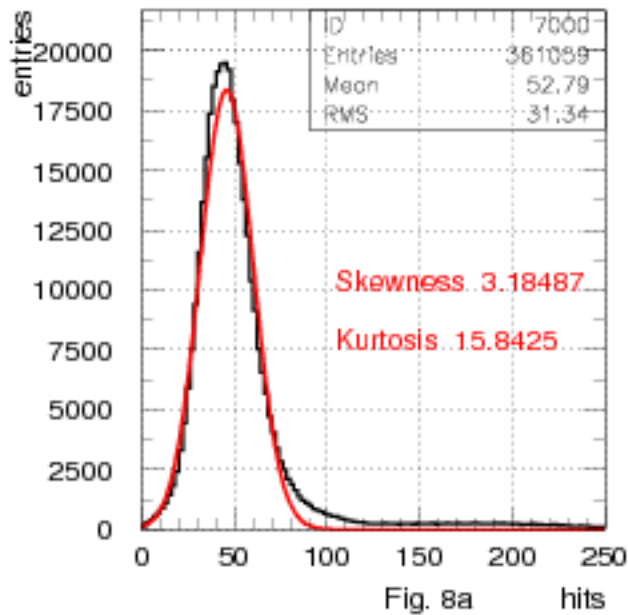


Fig. 8a hits

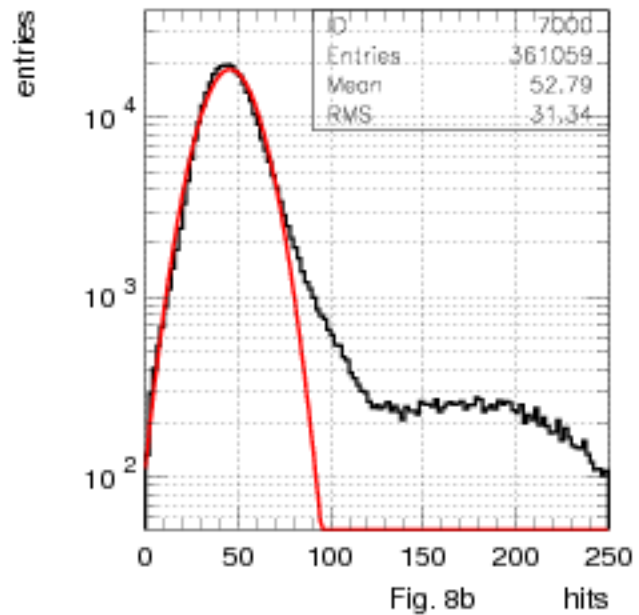


Fig. 8b hits

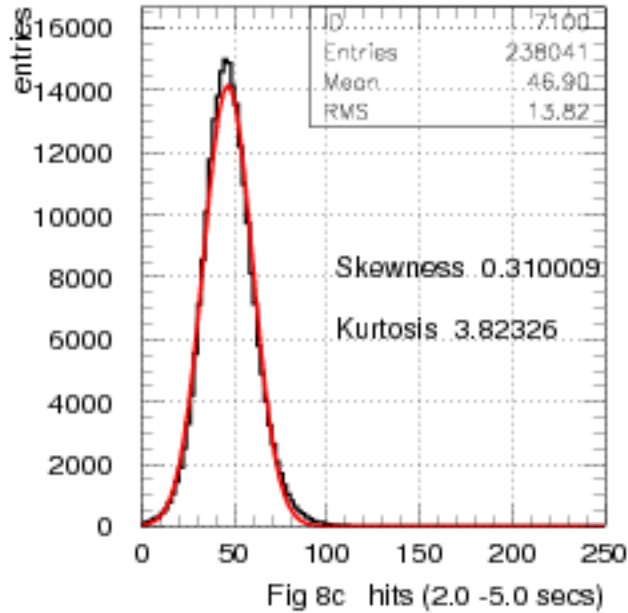


Fig 8c hits (2.0 -5.0 secs)

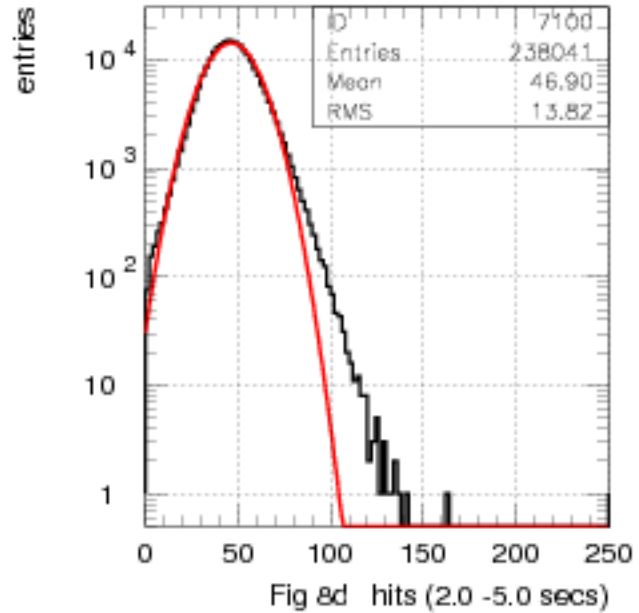


Fig 8d hits (2.0 -5.0 secs)



## Comparison of GTK(1) hits /5ms with triggers /5 ms

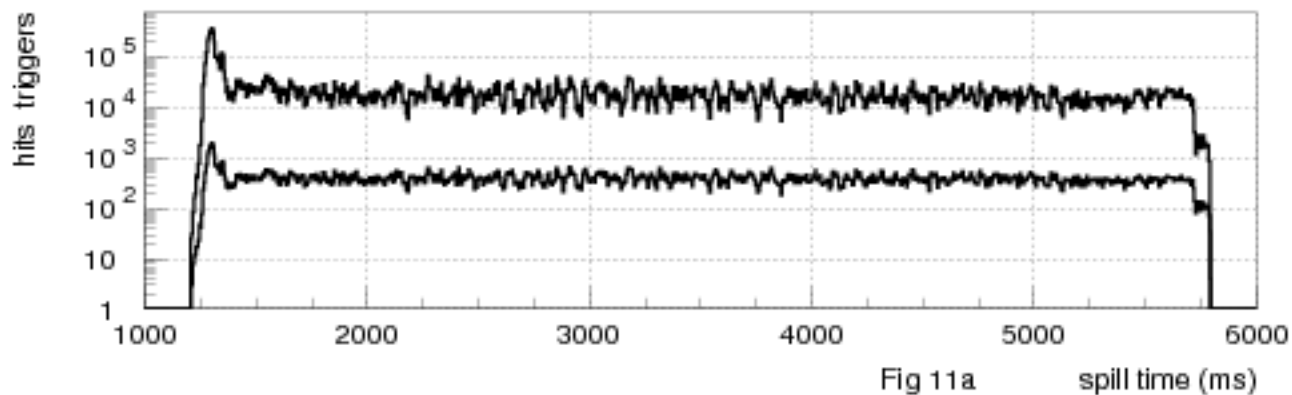


Fig 11a

spill time (ms)

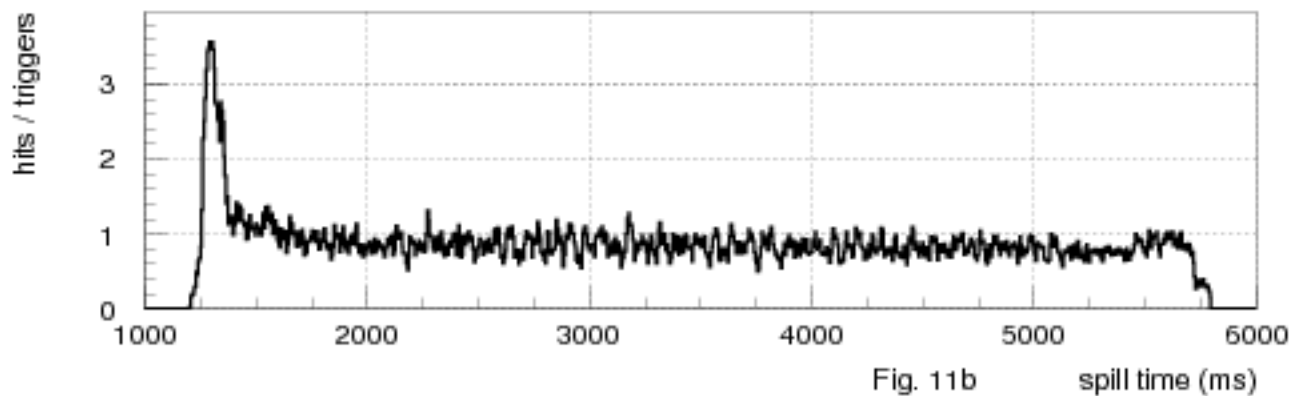


Fig. 11b

spill time (ms)

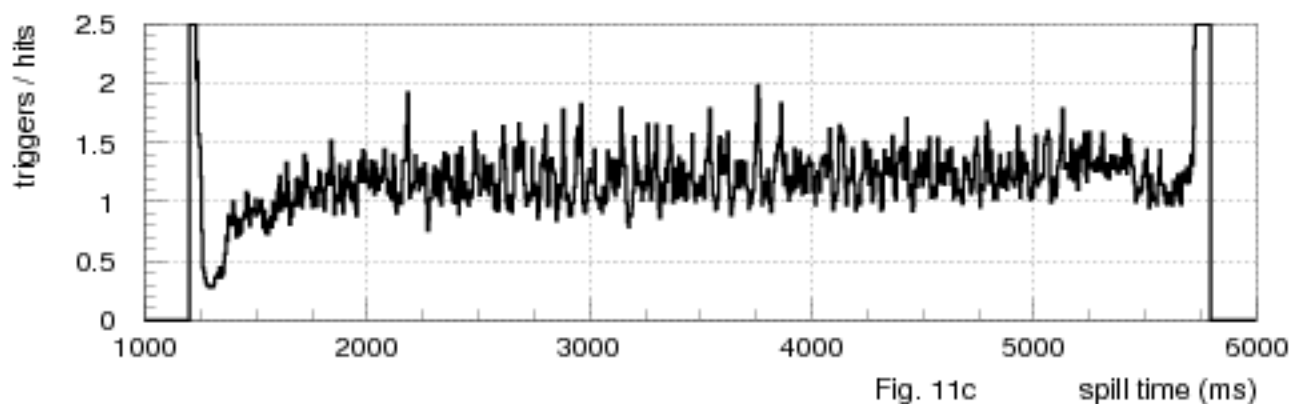
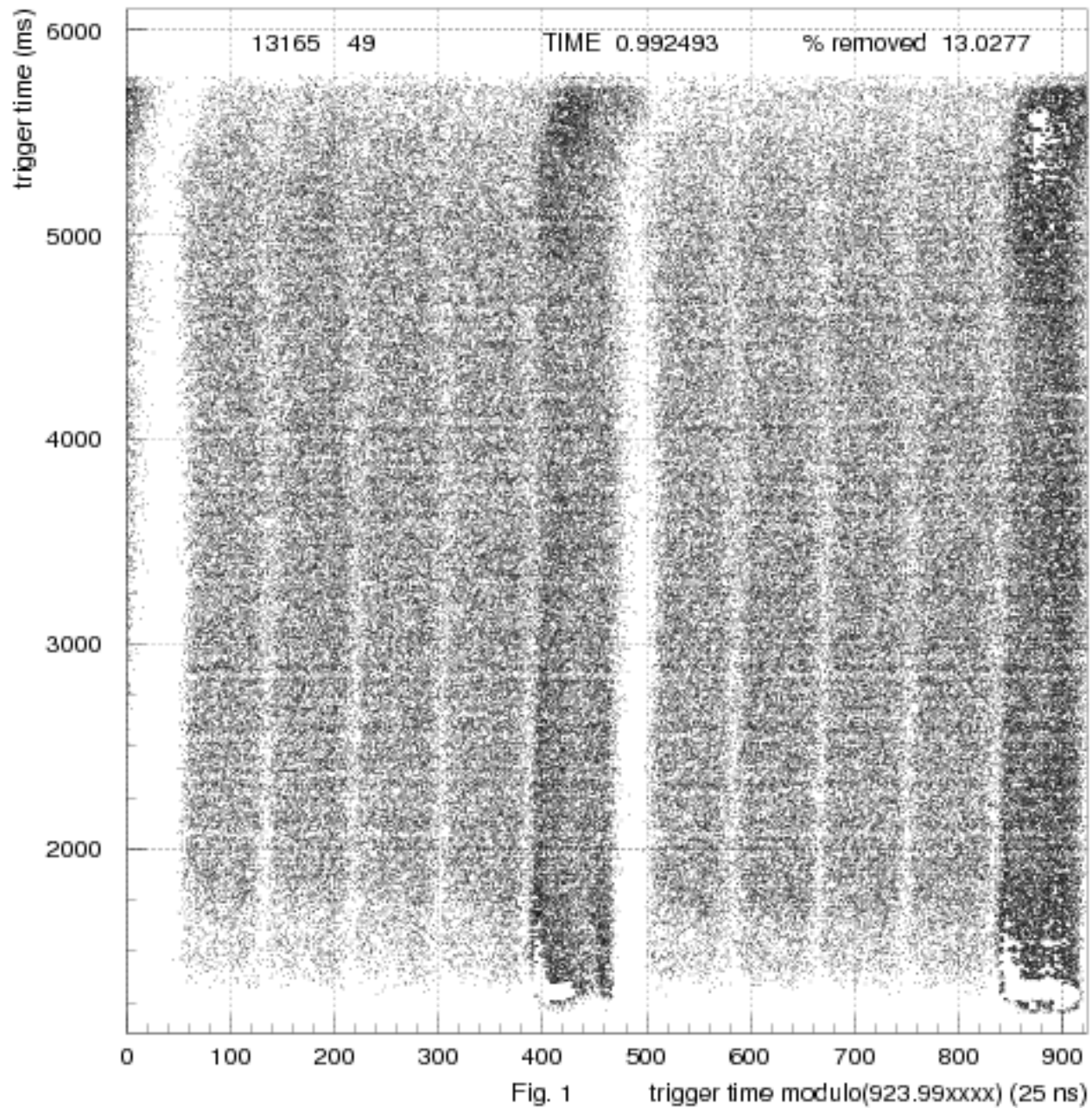


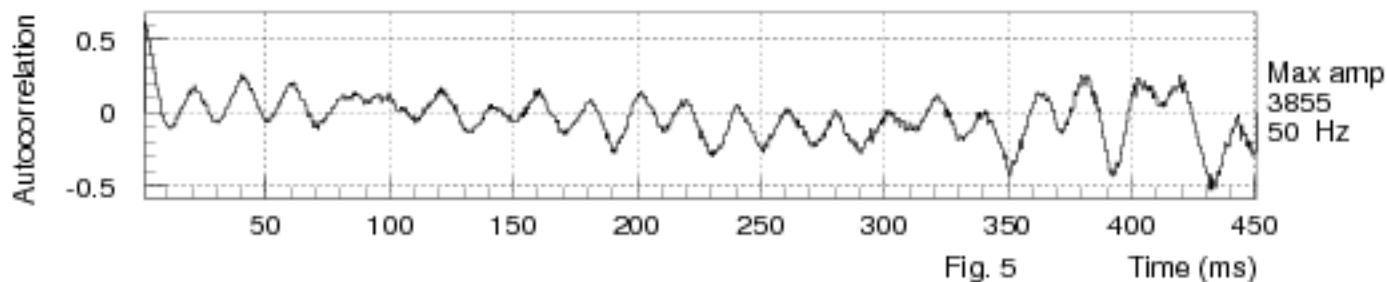
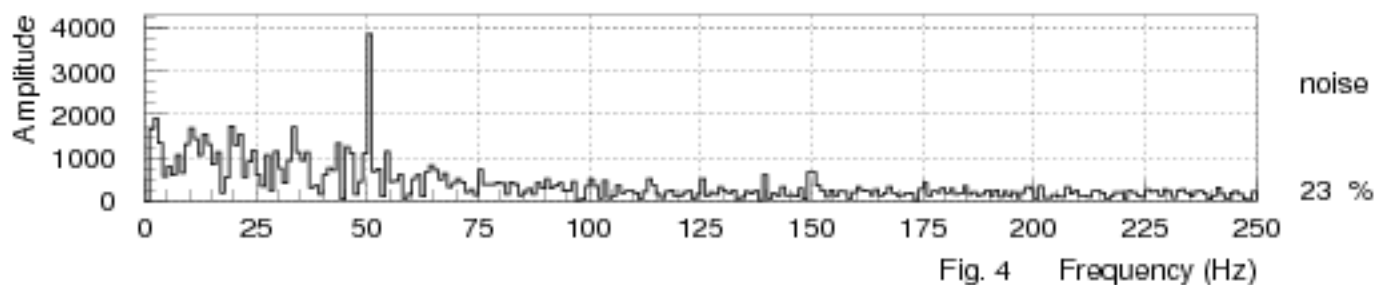
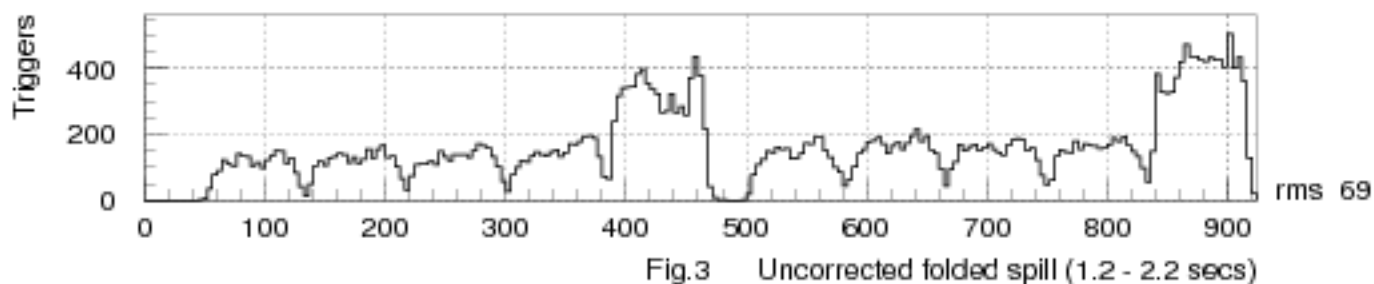
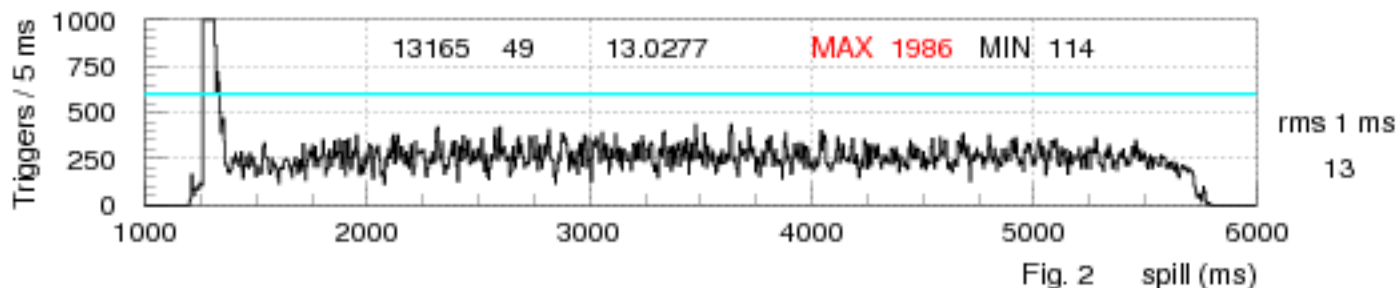
Fig. 11c

spill time (ms)

corrected spill (2D spill cut 10, hit cut 0)



Spill - full range - 5 ms bins



Hits GTK(1) vs Spill Time, Folded Spill Time

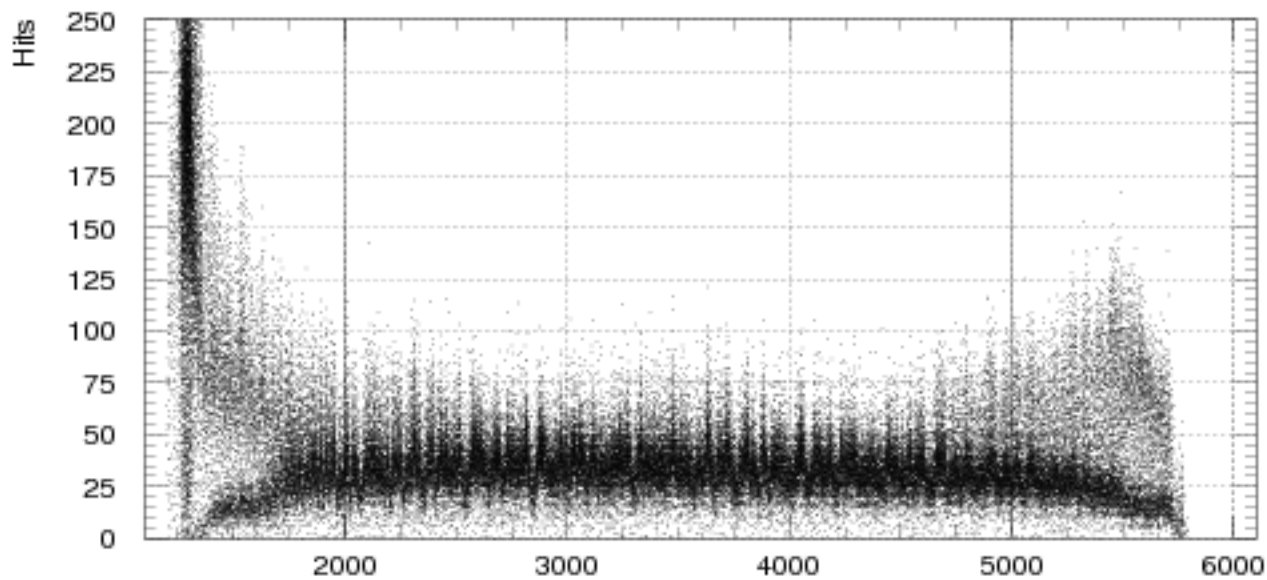


Fig. 6 Spill Time (ms)

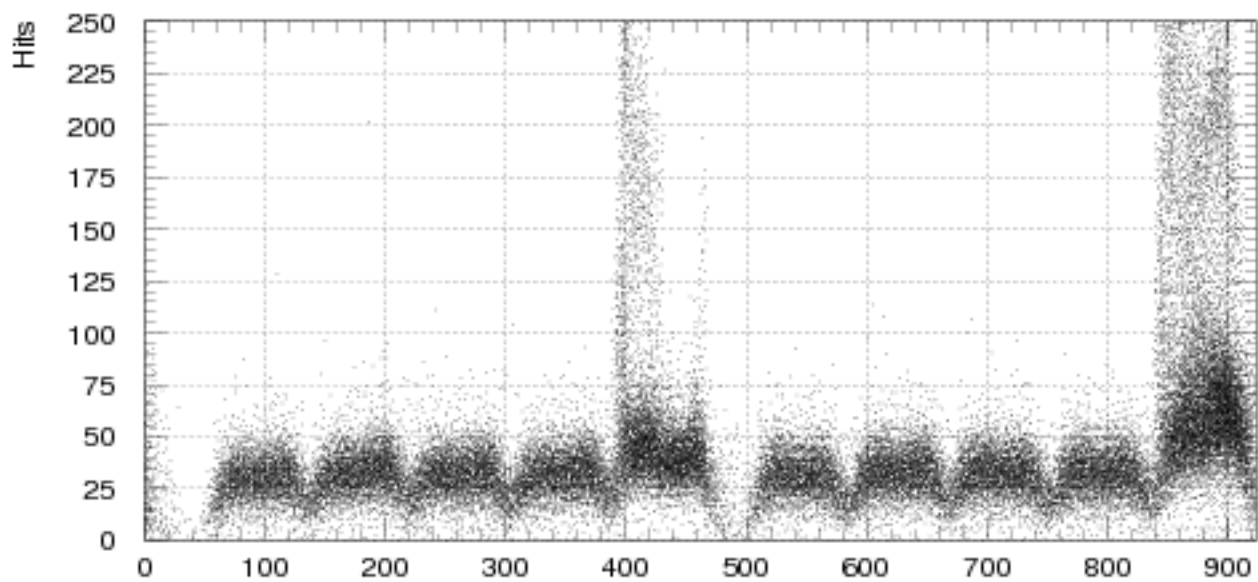
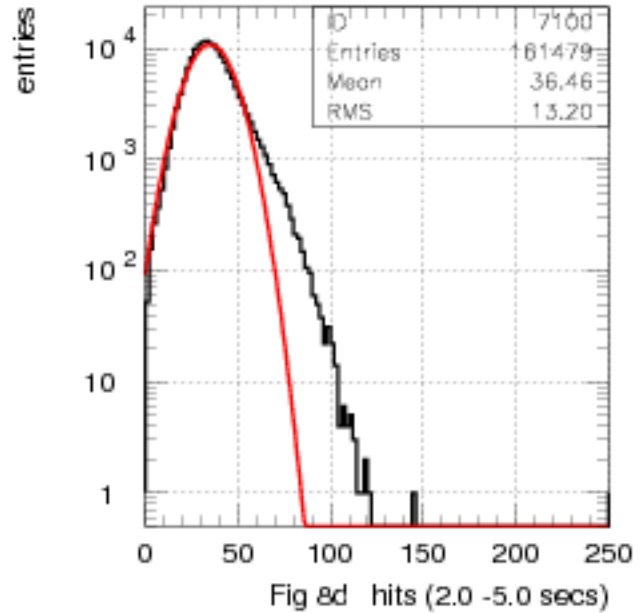
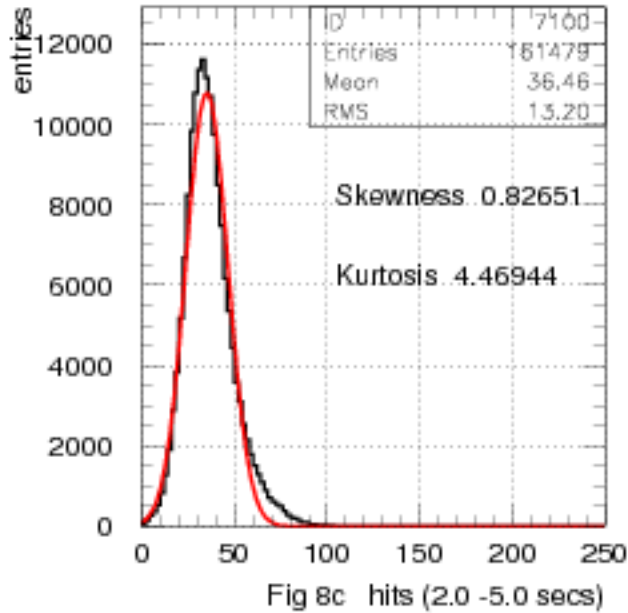
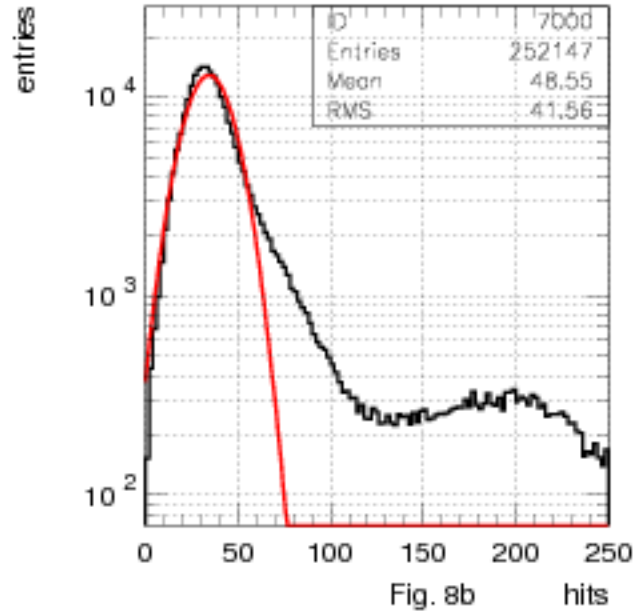
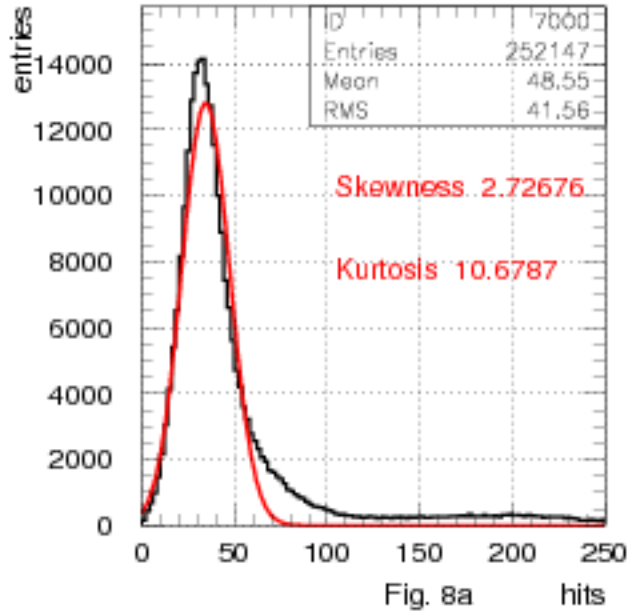


Fig. 7 Folded Spill Time (25 ns)

Hits GTK(1)



## Comparison of GTK(1) hits /5ms with triggers /5 ms

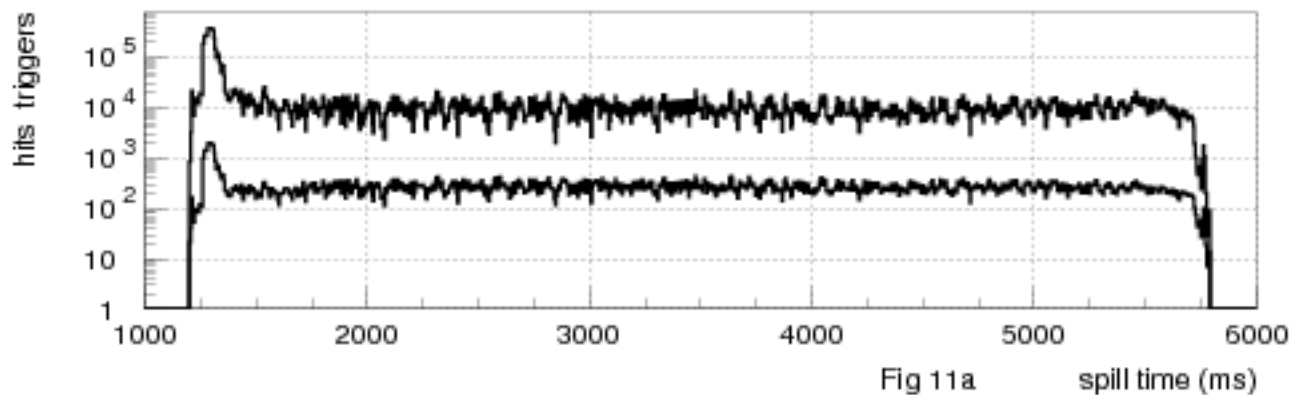


Fig 11a spill time (ms)

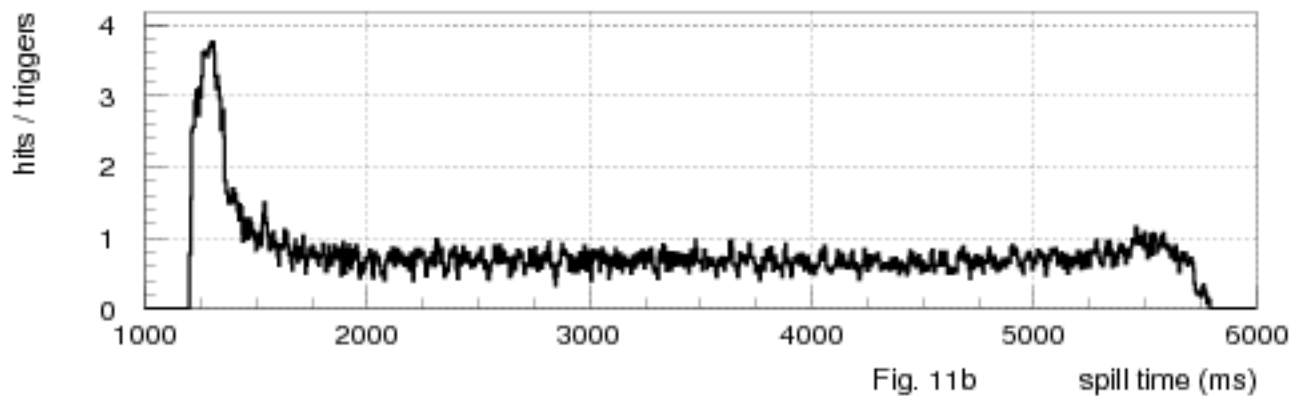


Fig. 11b spill time (ms)

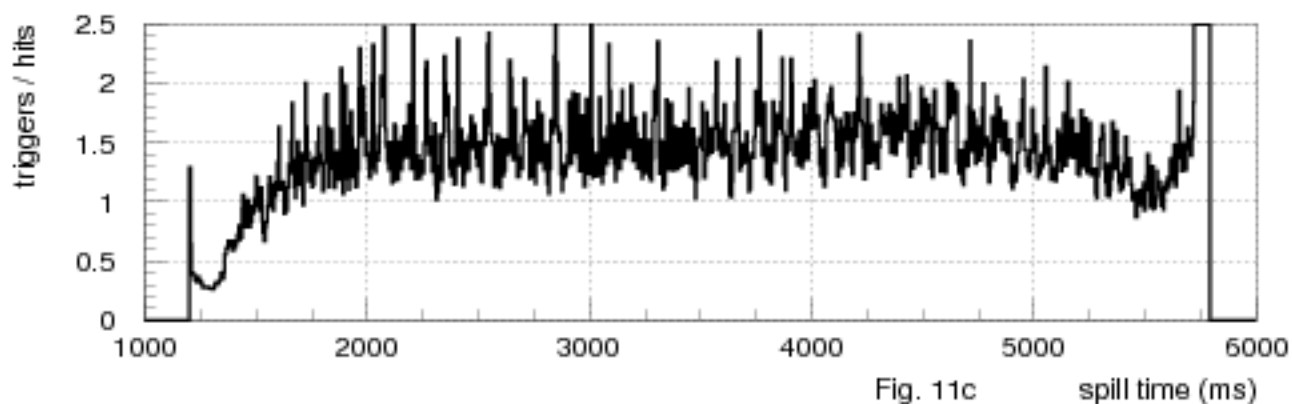
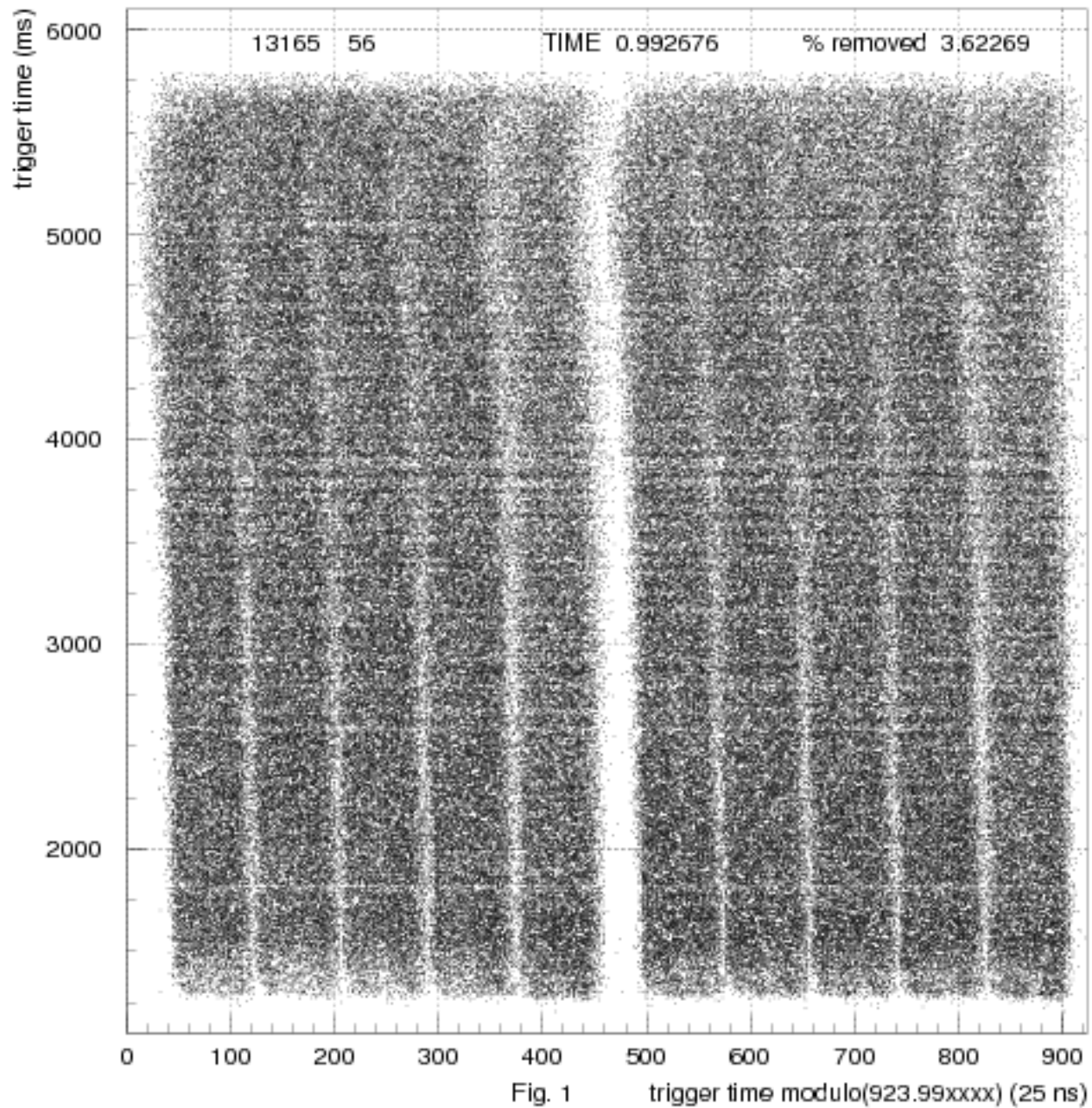
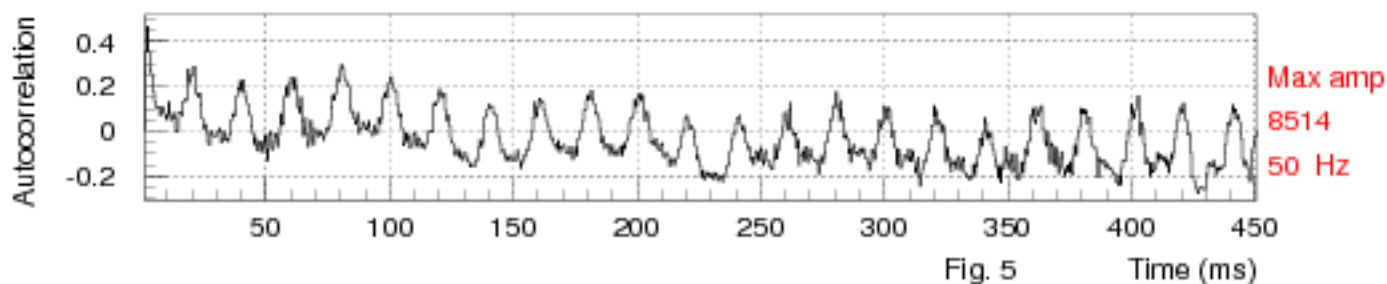
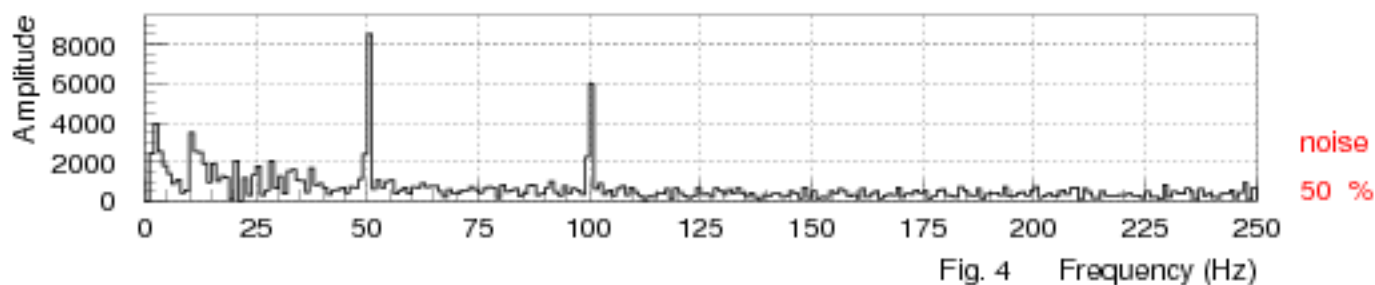
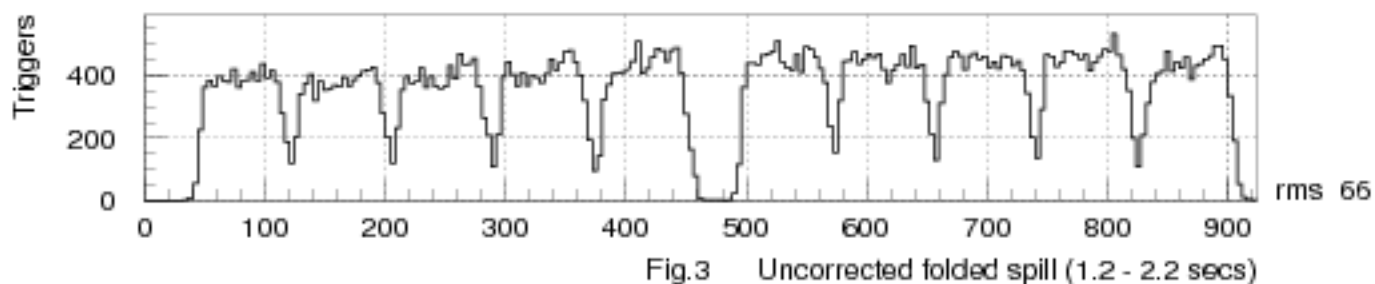
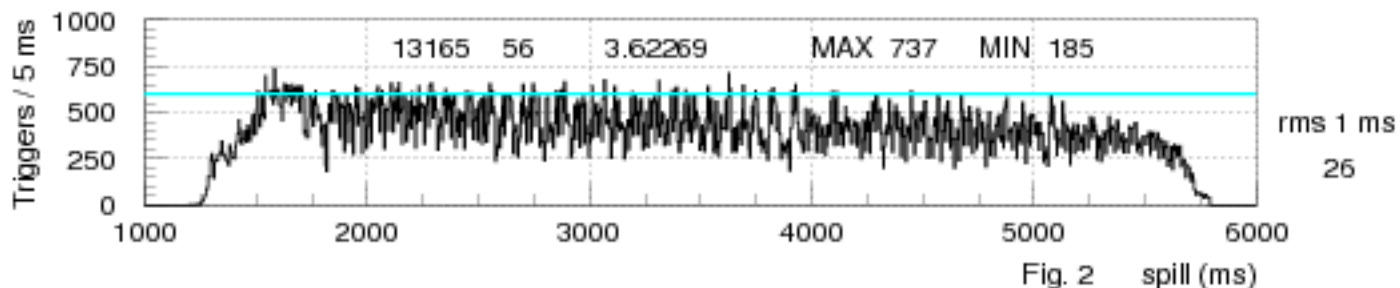


Fig. 11c spill time (ms)

corrected spill (2D spill cut 10, hit cut 0)



Spill - full range - 5 ms bins





Hits GTK(1) vs Spill Time, Folded Spill Time

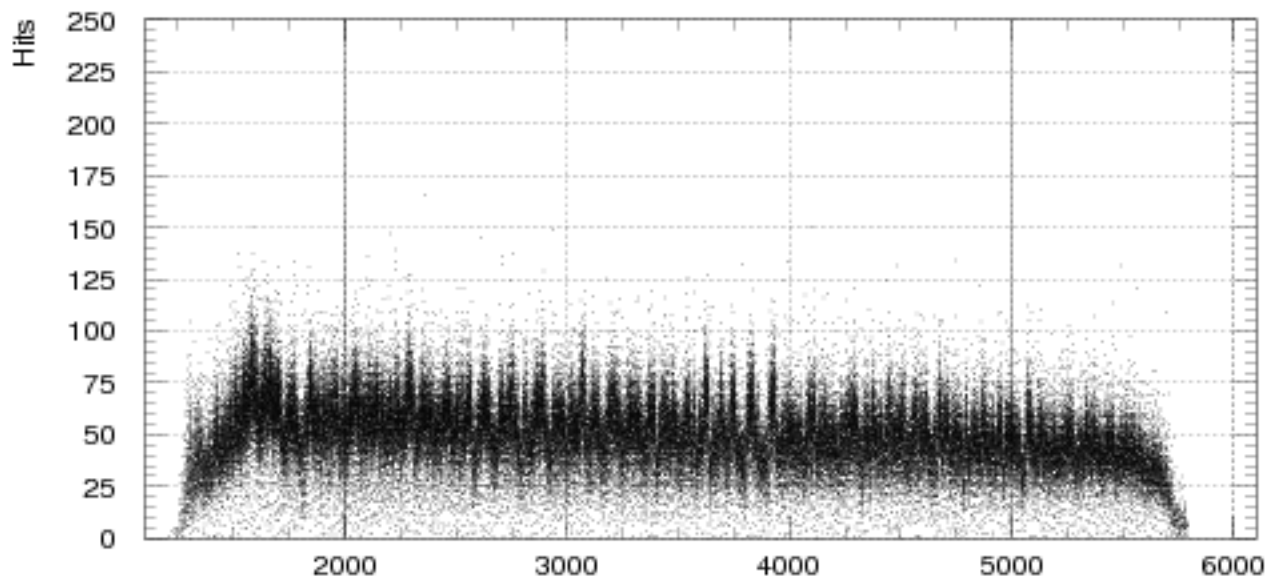


Fig. 6 Spill Time (ms)

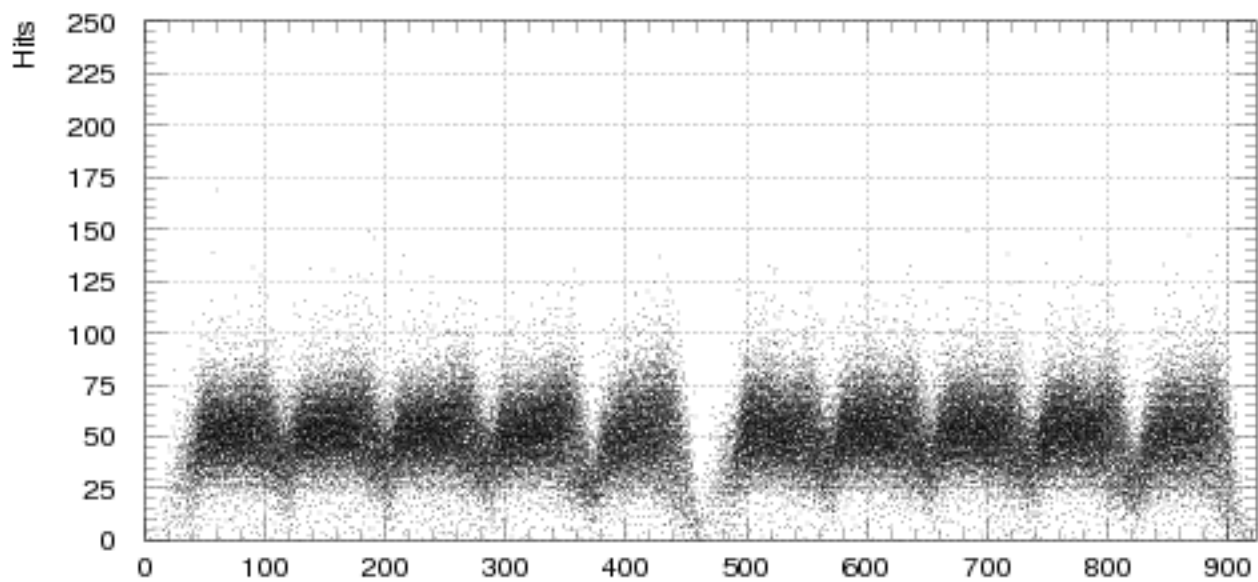


Fig. 7 Folded Spill Time (25 ns)

Hits GTK(1)

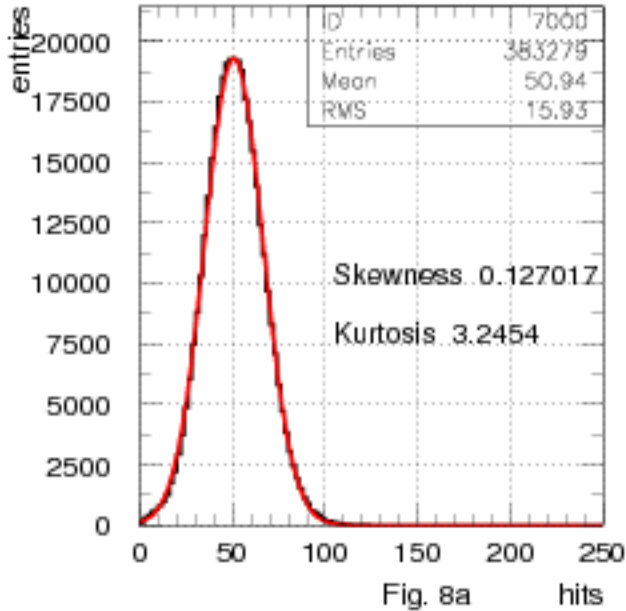


Fig. 8a hits

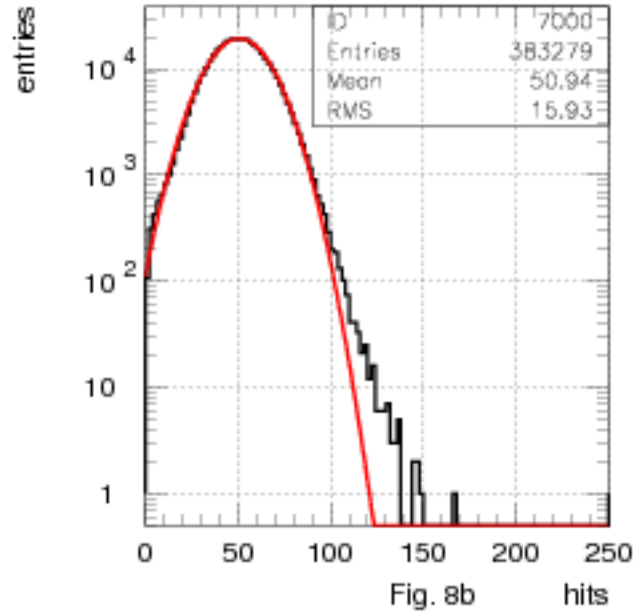


Fig. 8b hits

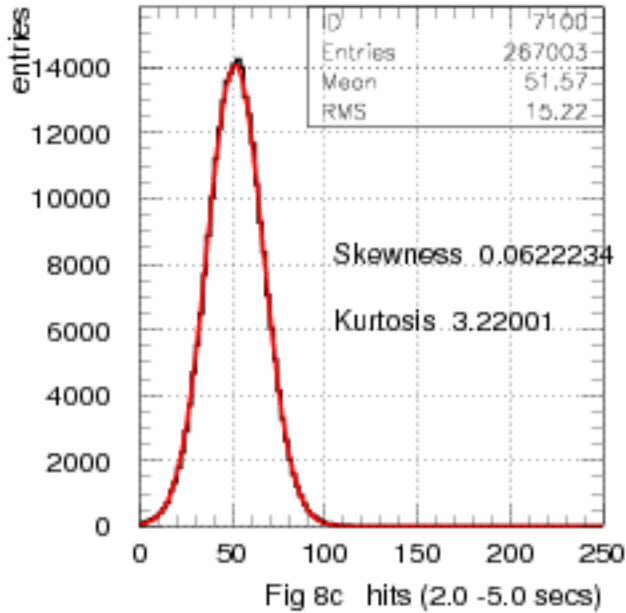


Fig 8c hits (2.0 -5.0 secs)

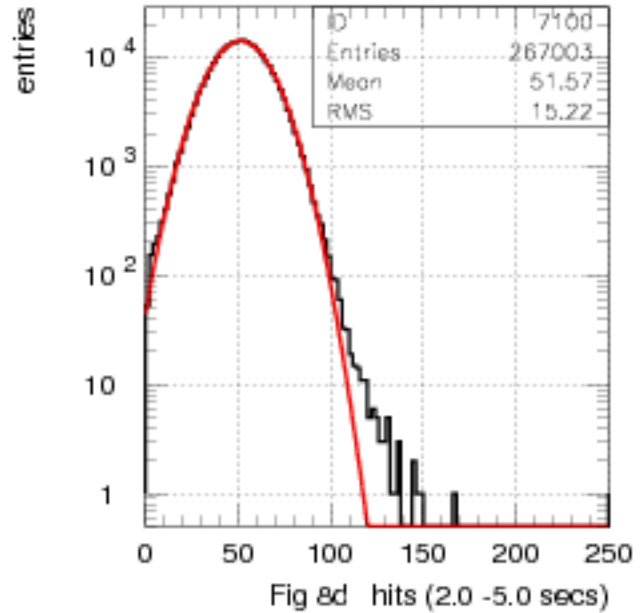


Fig 8d hits (2.0 -5.0 secs)

## Comparison of GTK(1) hits /5ms with triggers /5 ms

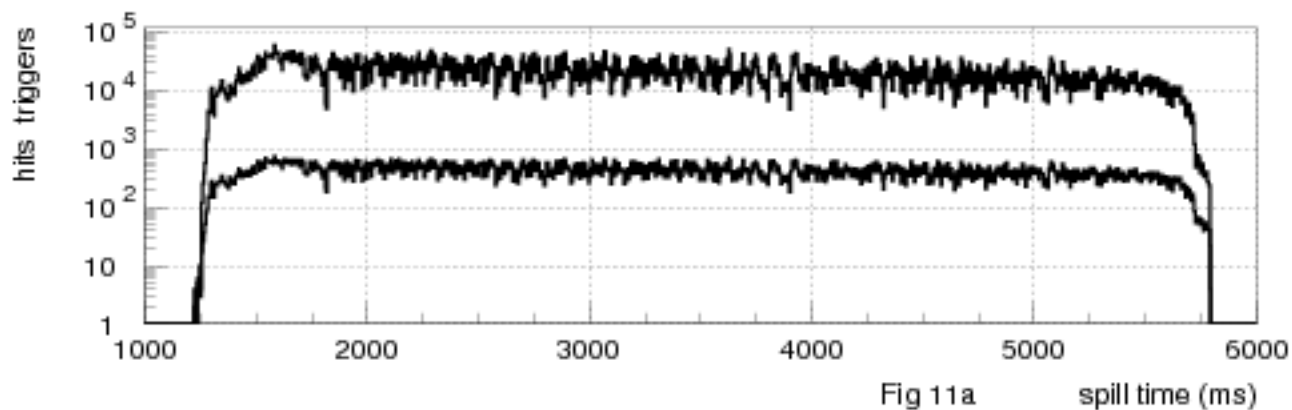


Fig 11a spill time (ms)

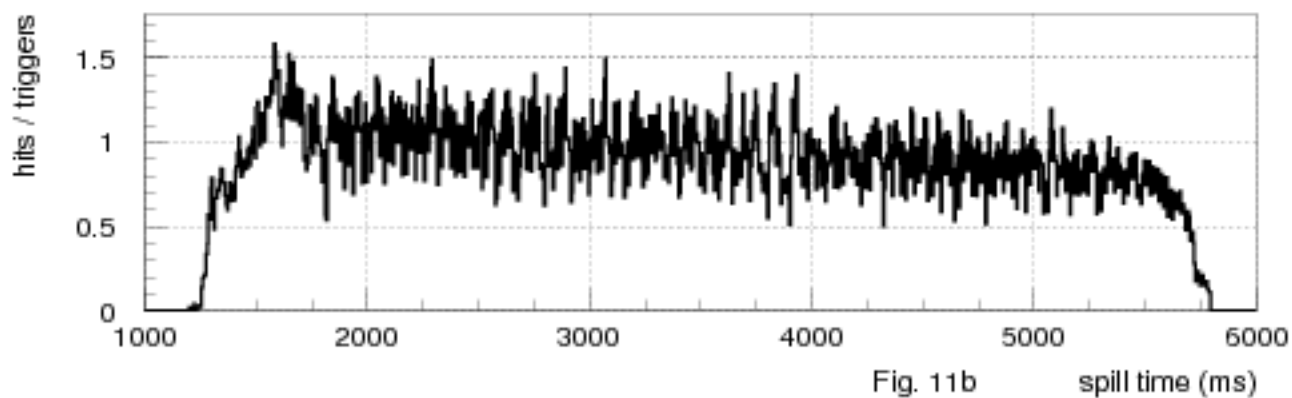


Fig. 11b spill time (ms)

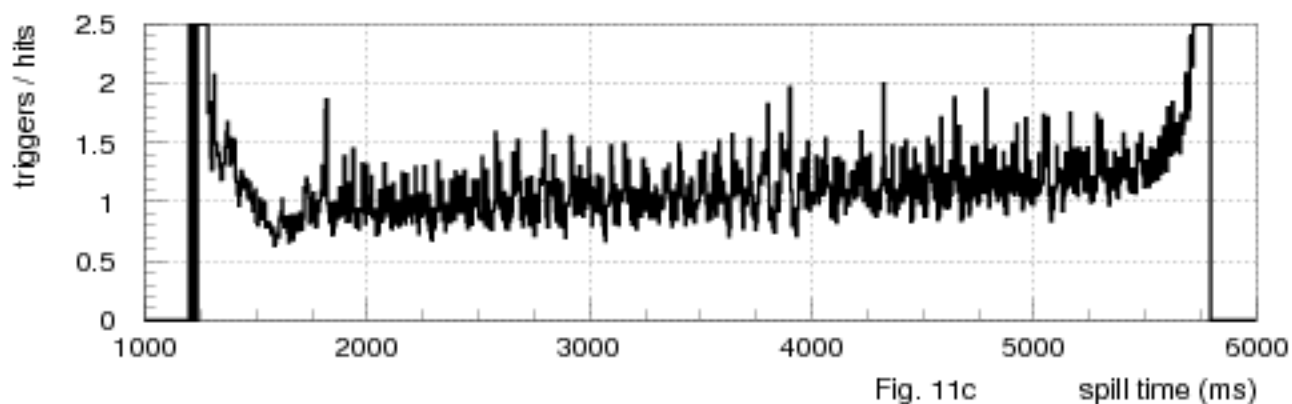
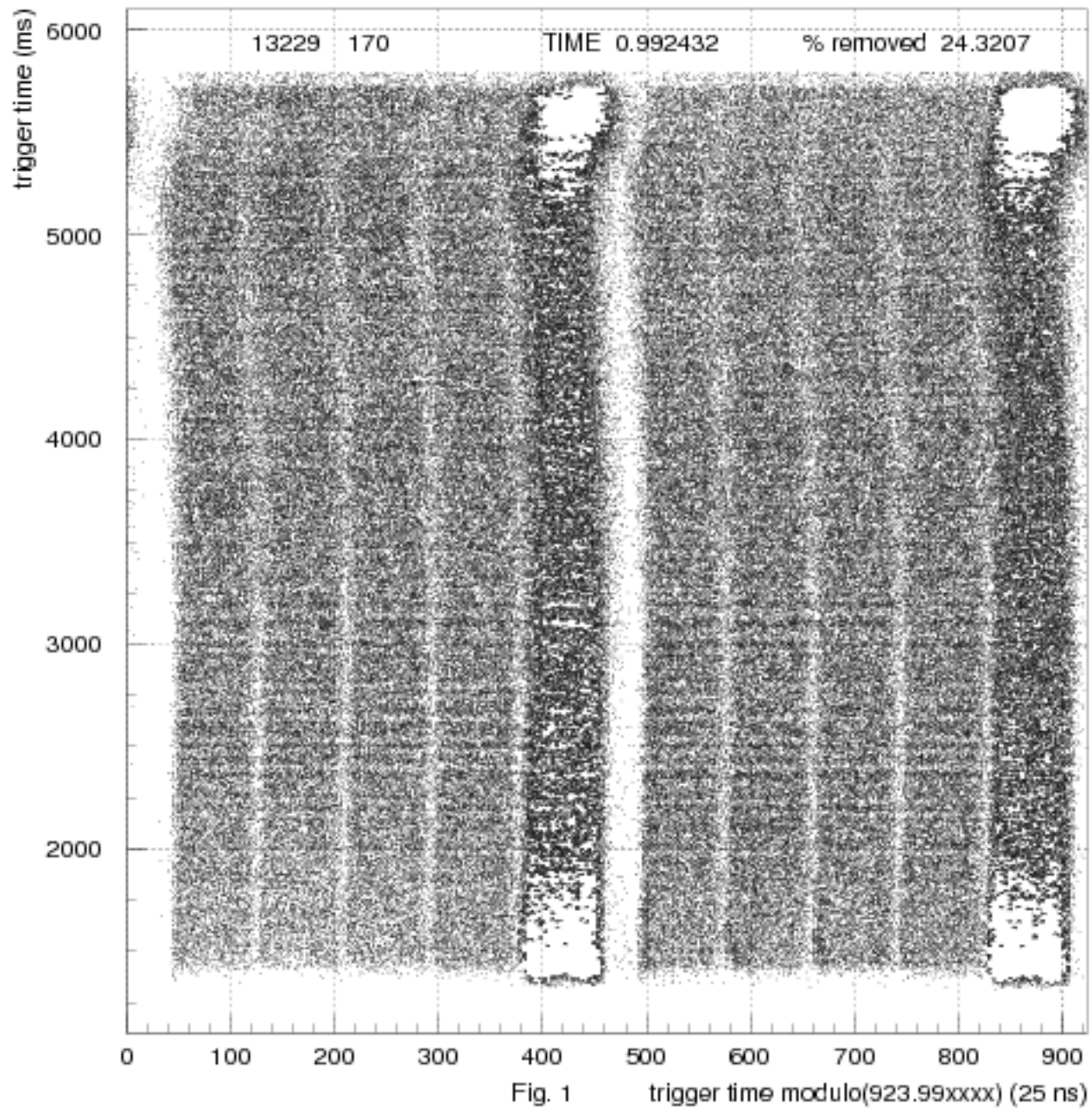


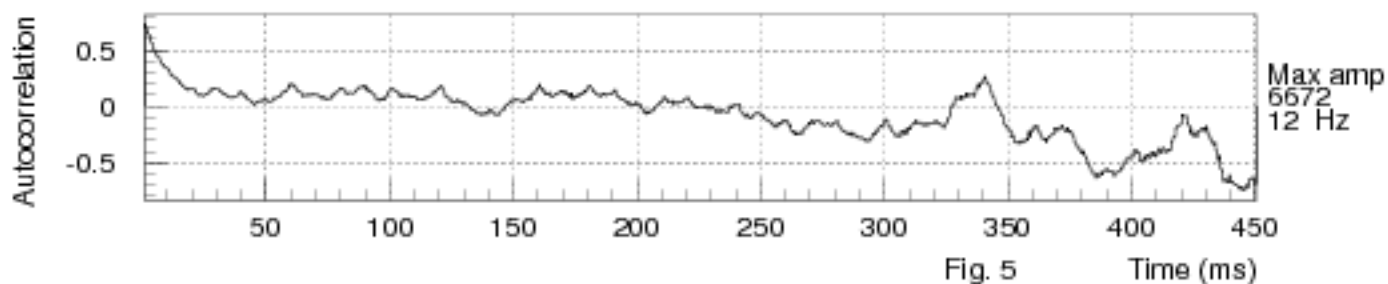
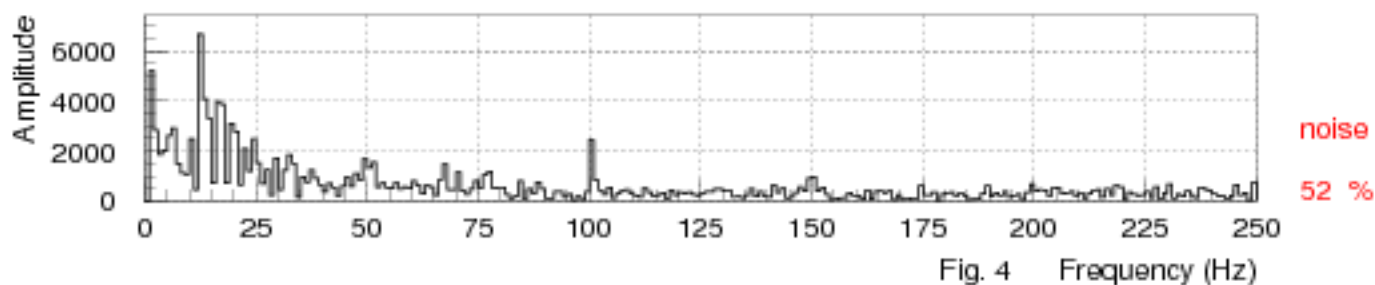
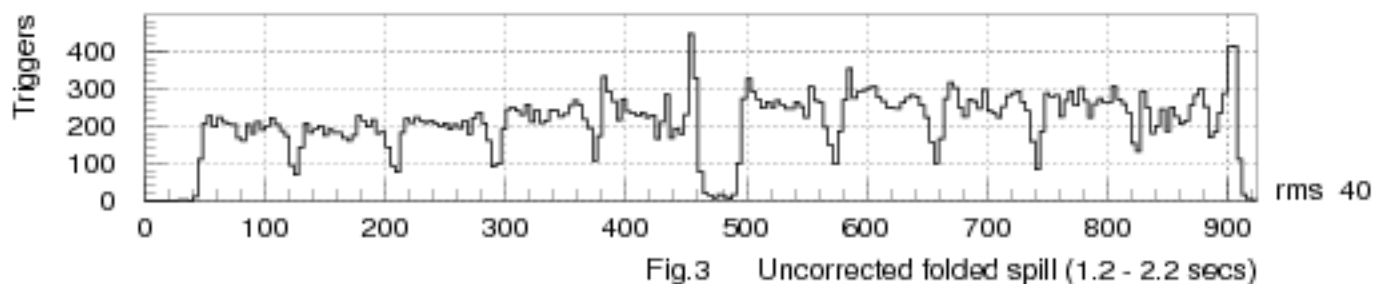
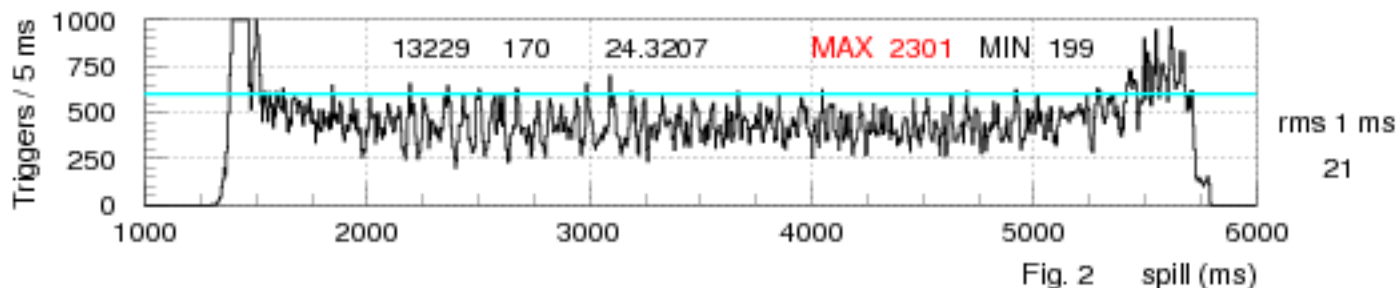
Fig. 11c spill time (ms)

corrected spill (2D spill cut 10, hit cut 0)



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Spill - full range - 5 ms bins



Hits GTK(1) vs Spill Time, Folded Spill Time

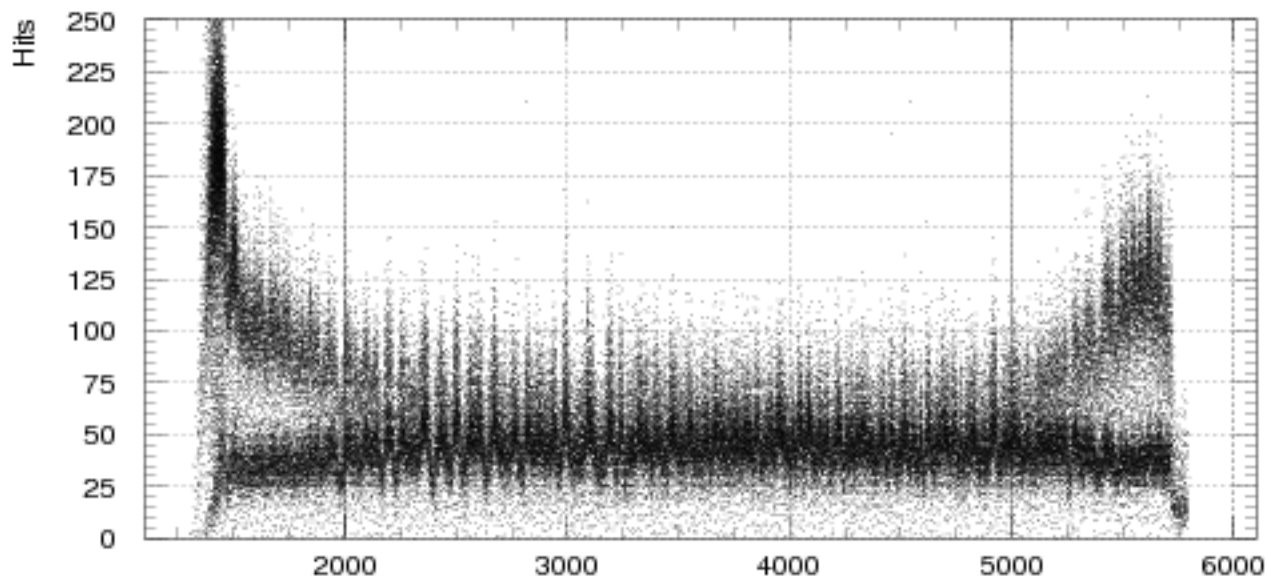


Fig. 6 Spill Time (ms)

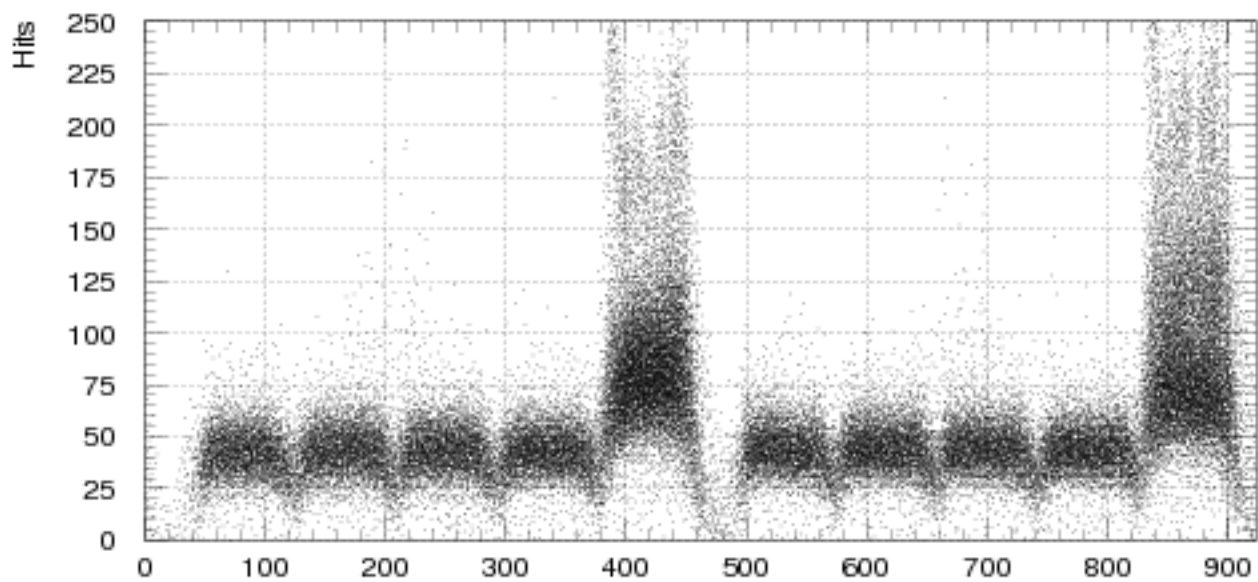
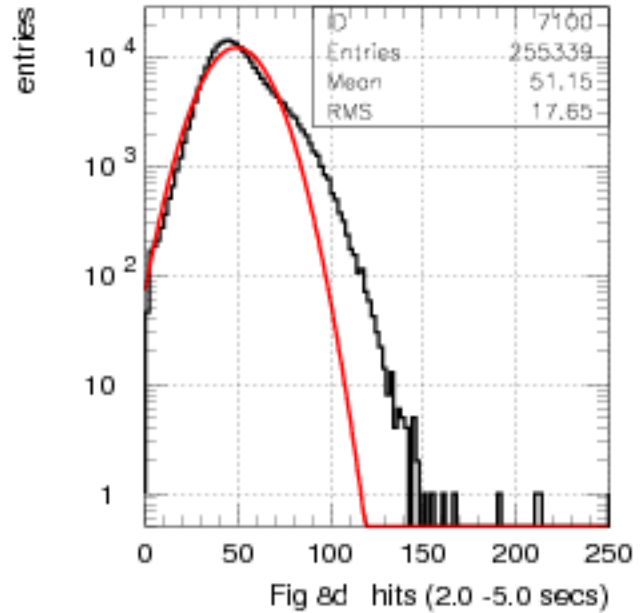
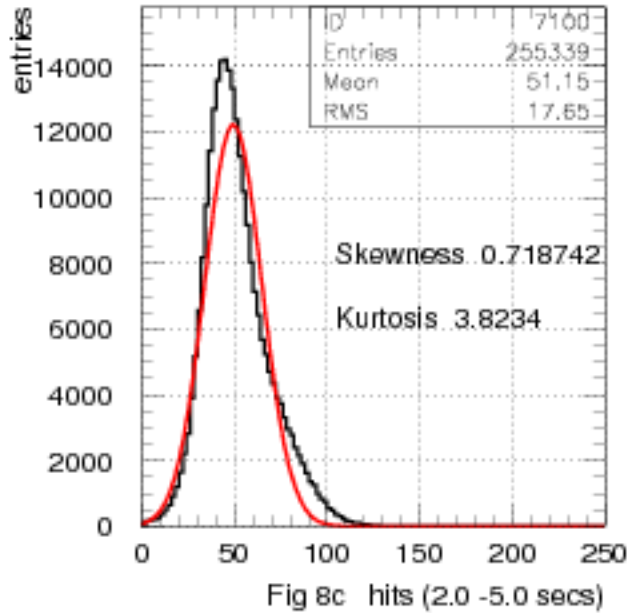
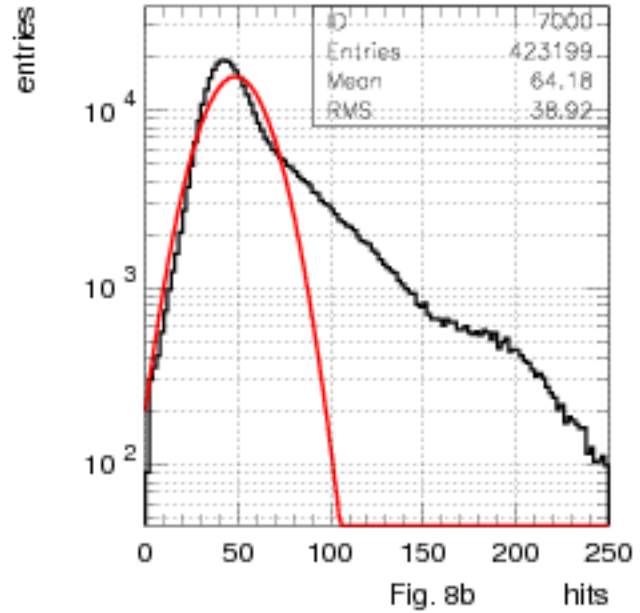
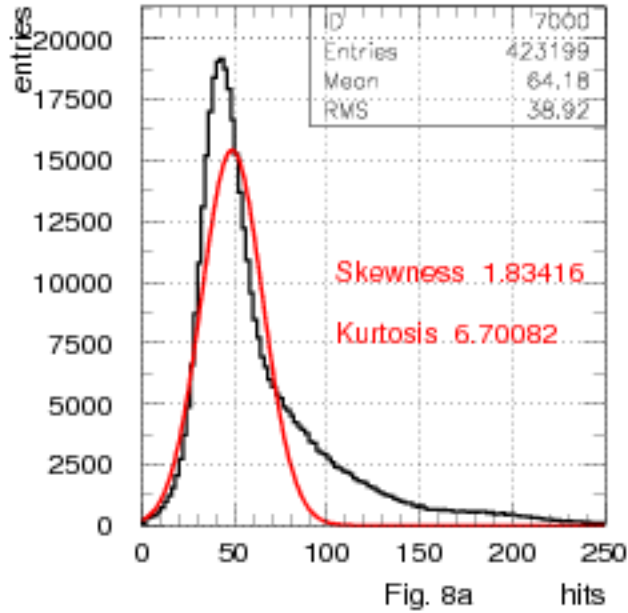


Fig. 7 Folded Spill Time (25 ns)

Hits GTK(1)



## Comparison of GTK(1) hits /5ms with triggers /5 ms

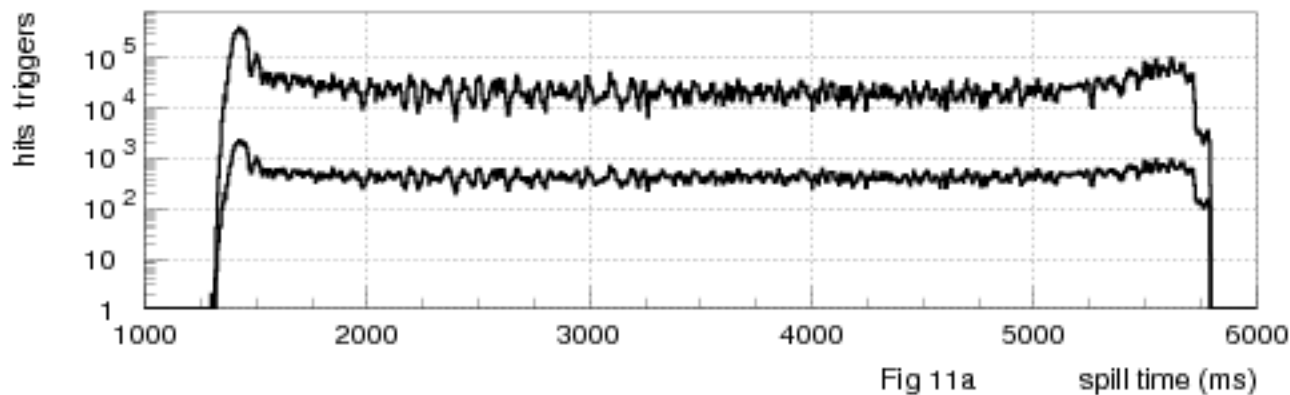


Fig 11a spill time (ms)

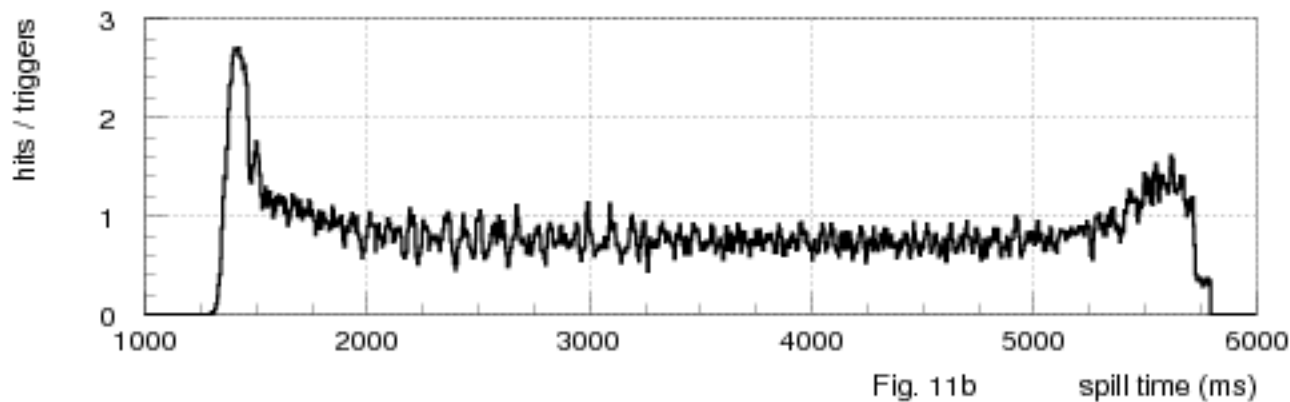


Fig. 11b spill time (ms)

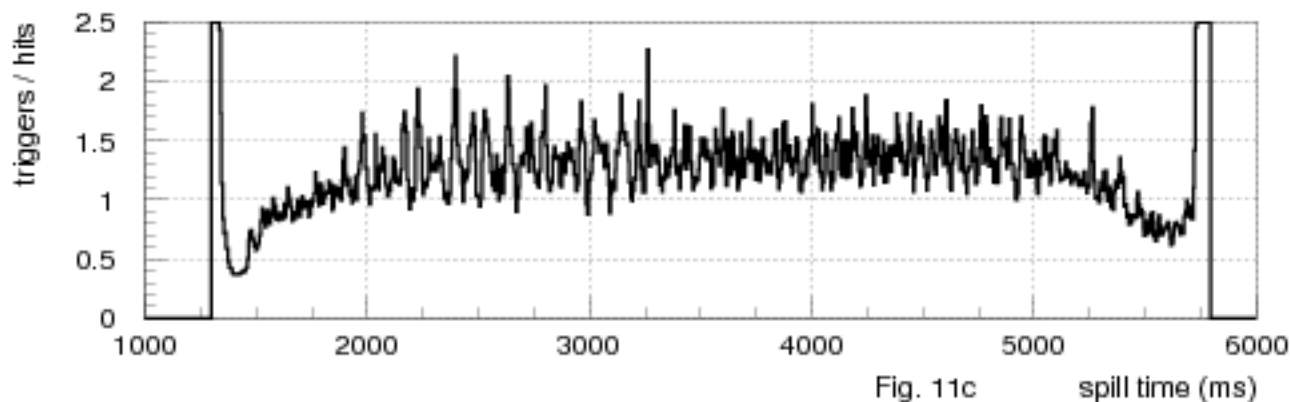


Fig. 11c spill time (ms)