

corrected spill (2D spill cut 10, hit cut 125)

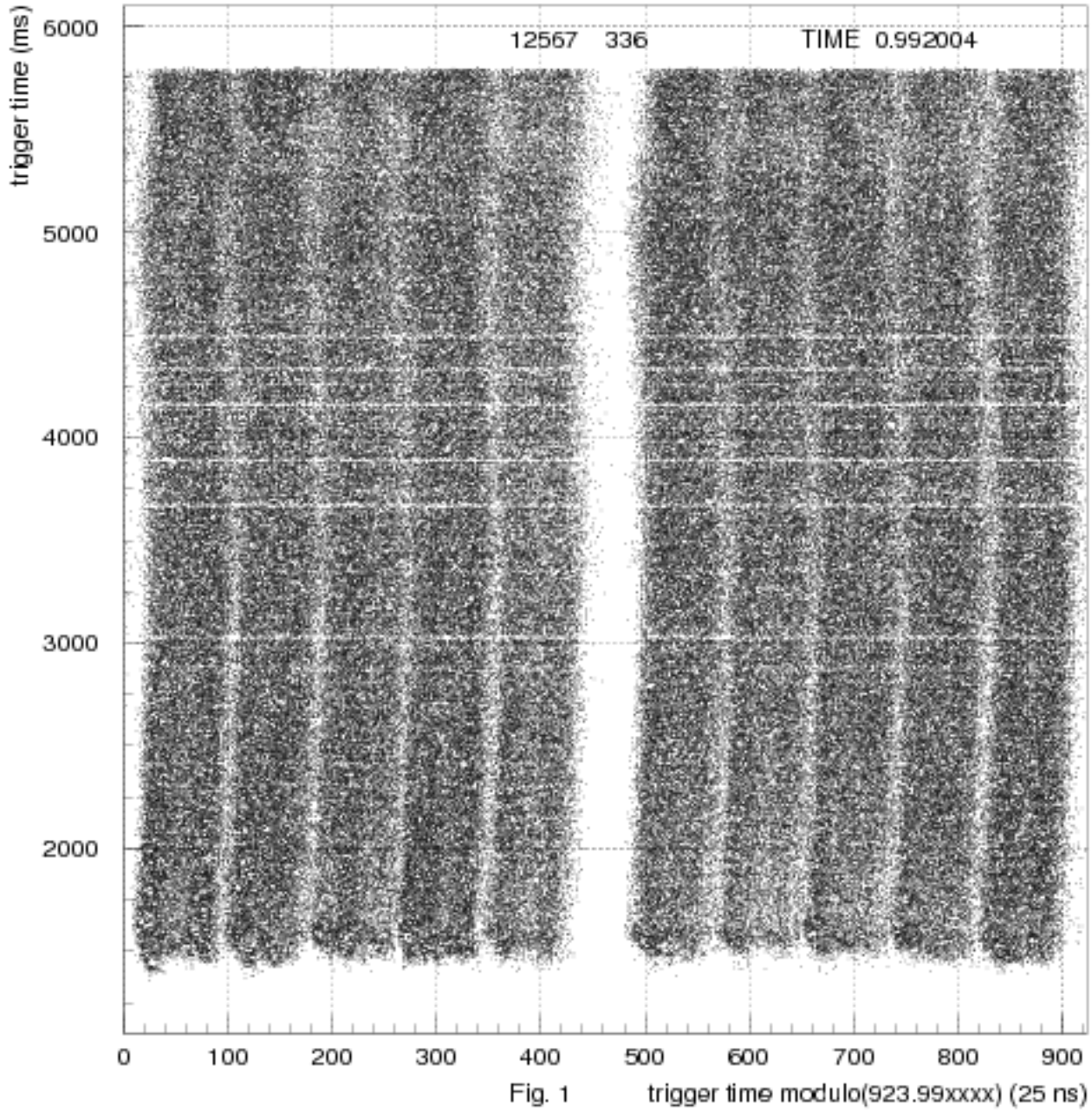
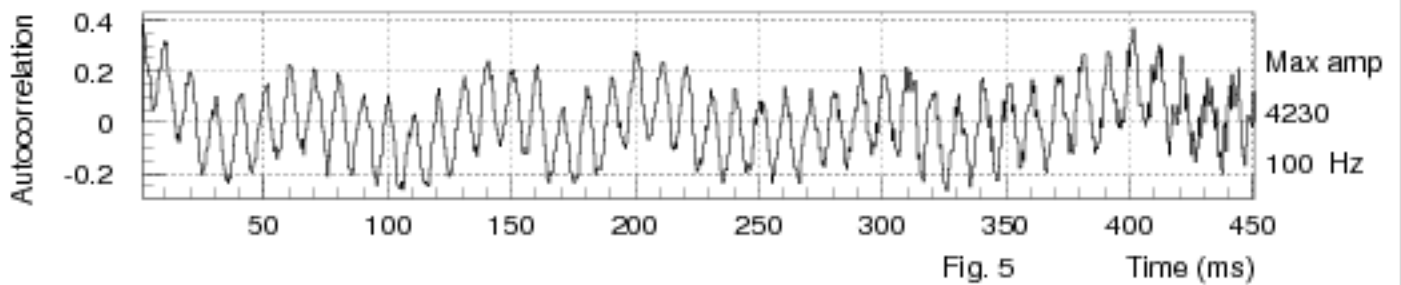
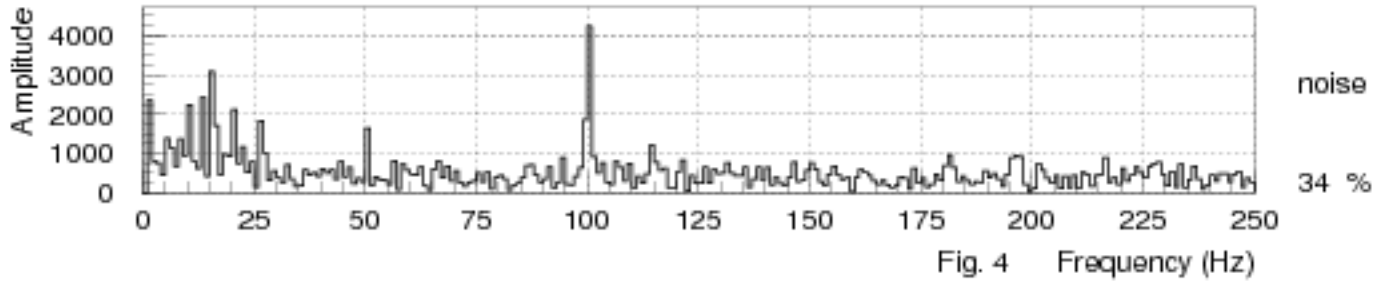
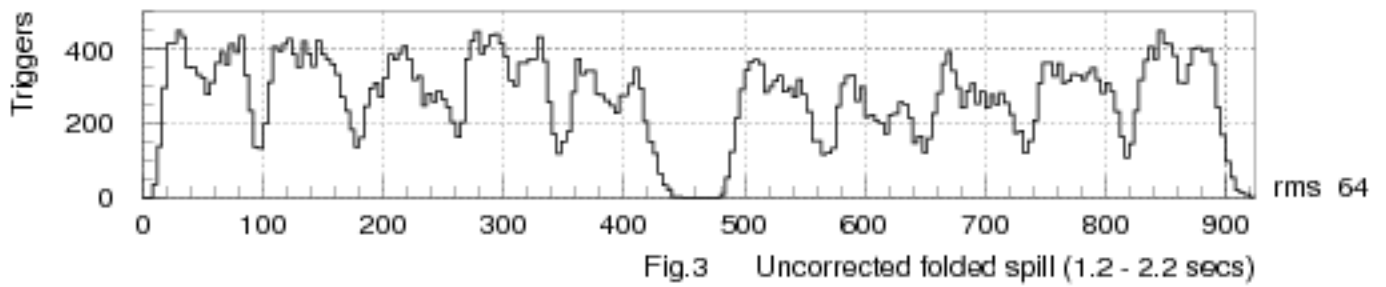
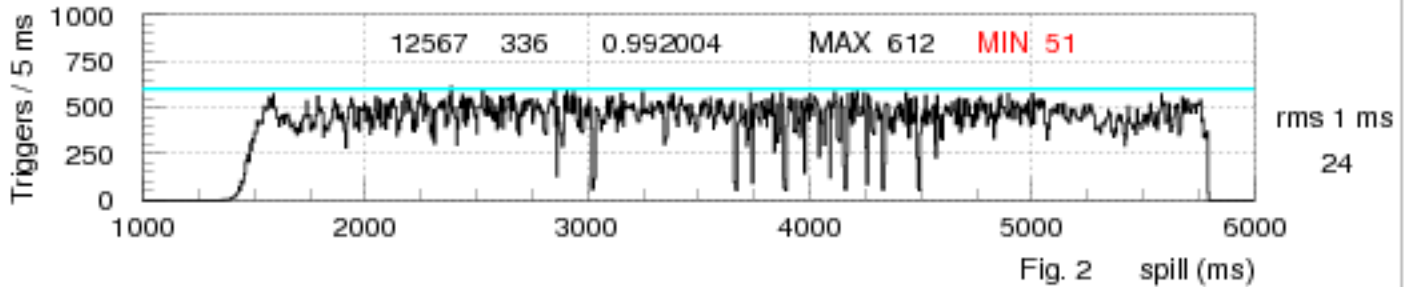


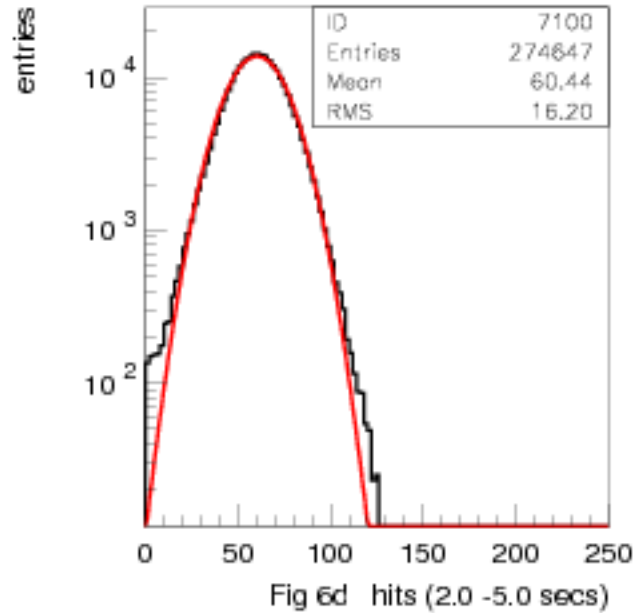
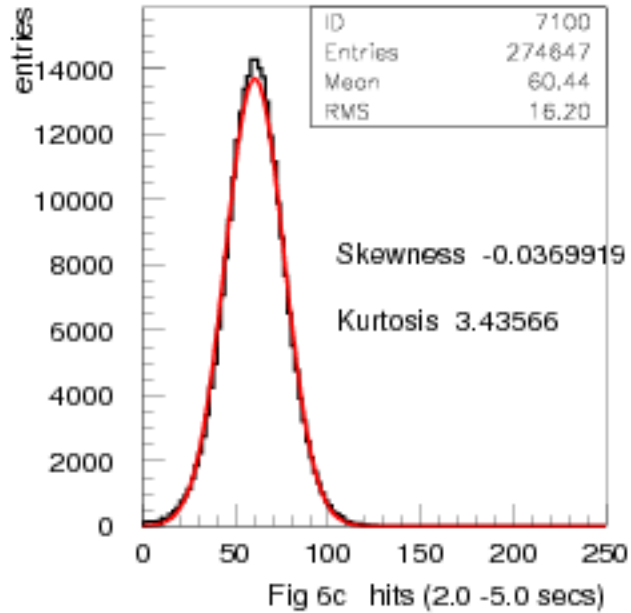
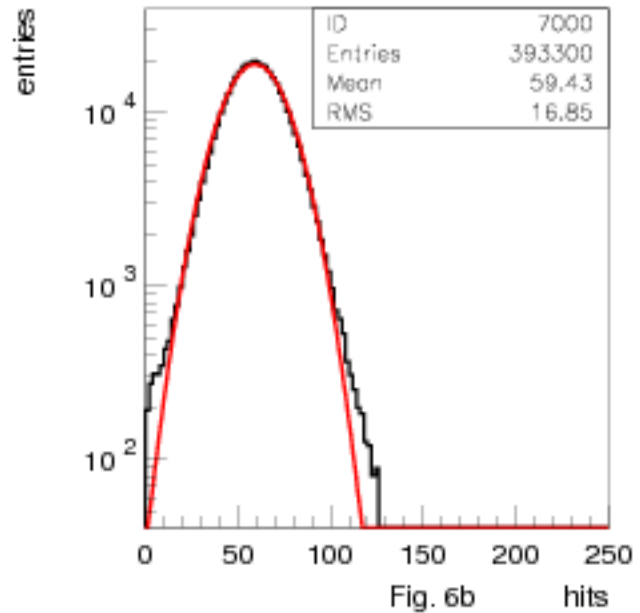
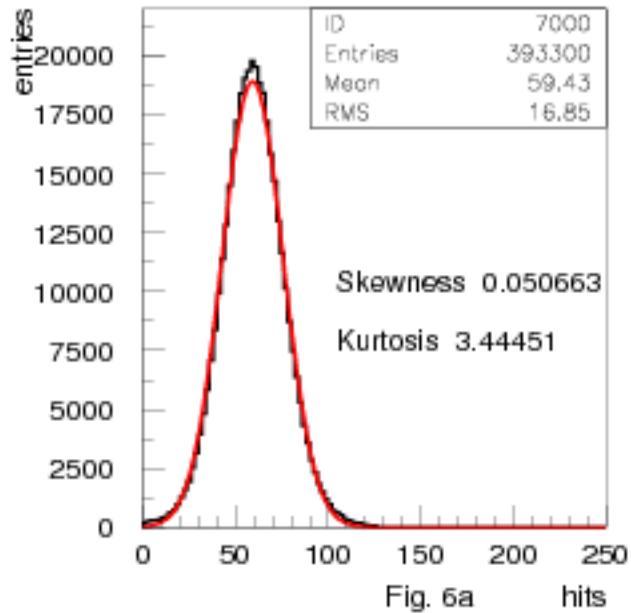
Fig. 1

trigger time modulo(923.99xxxx) (25 ns)

Spill - full range - 5 ms bins



Hits GTK(1)



Folded Spill Time vs Hits GTK(1)

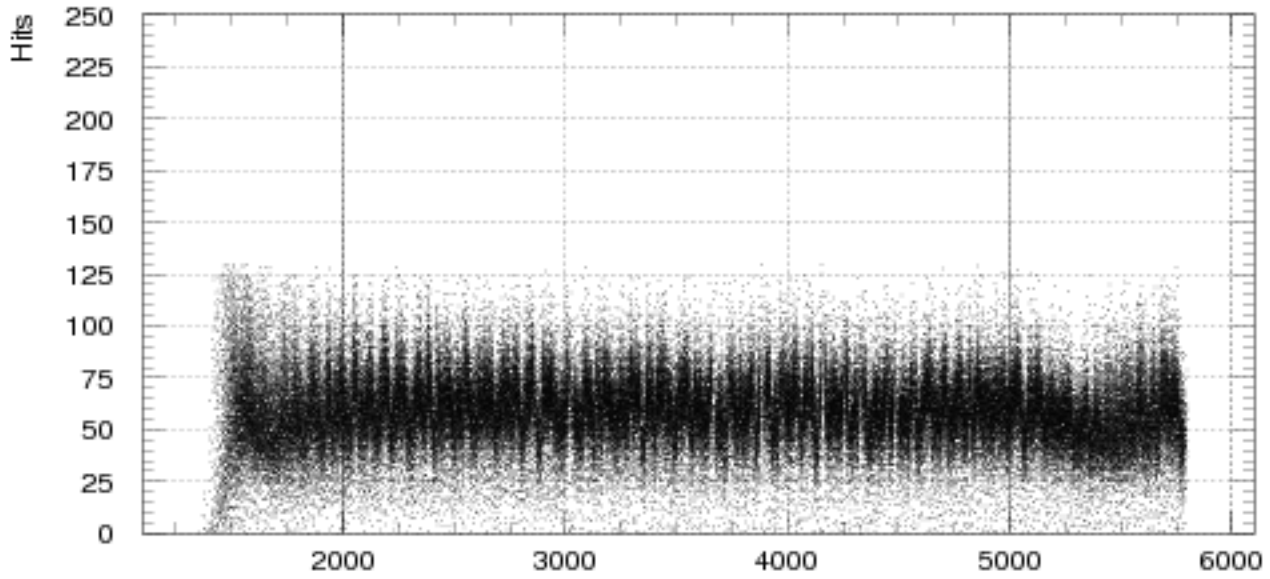


Fig. 7 Spill Time (ms)

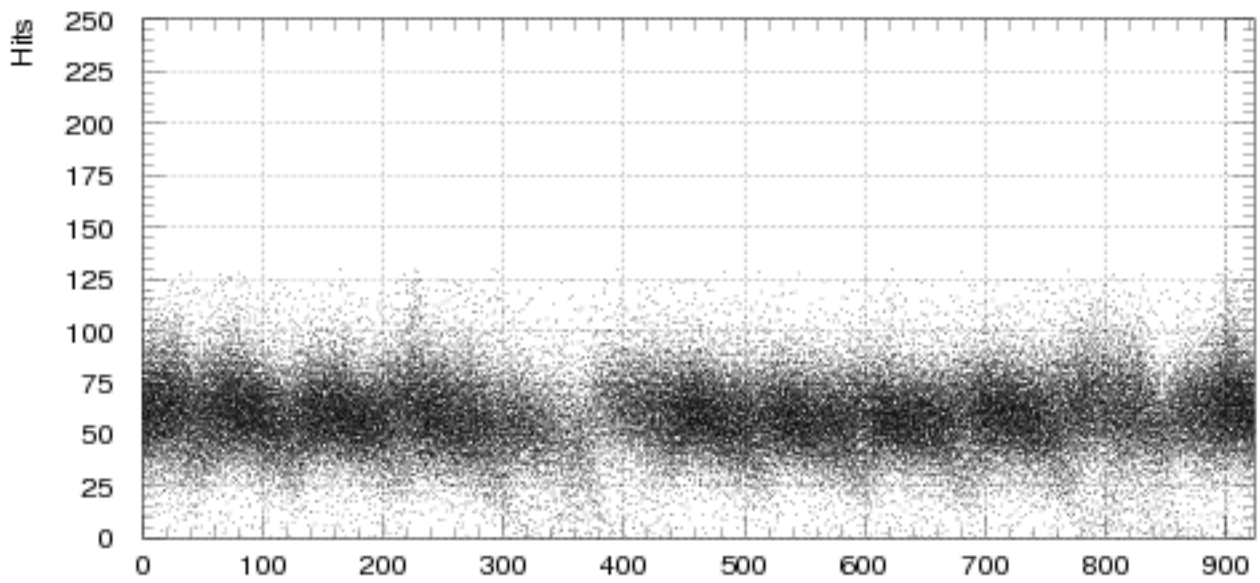
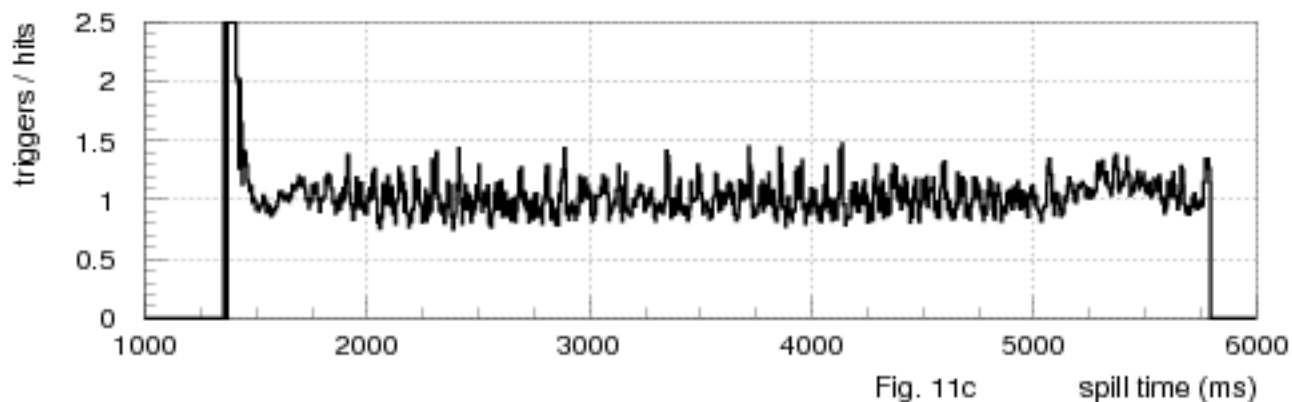
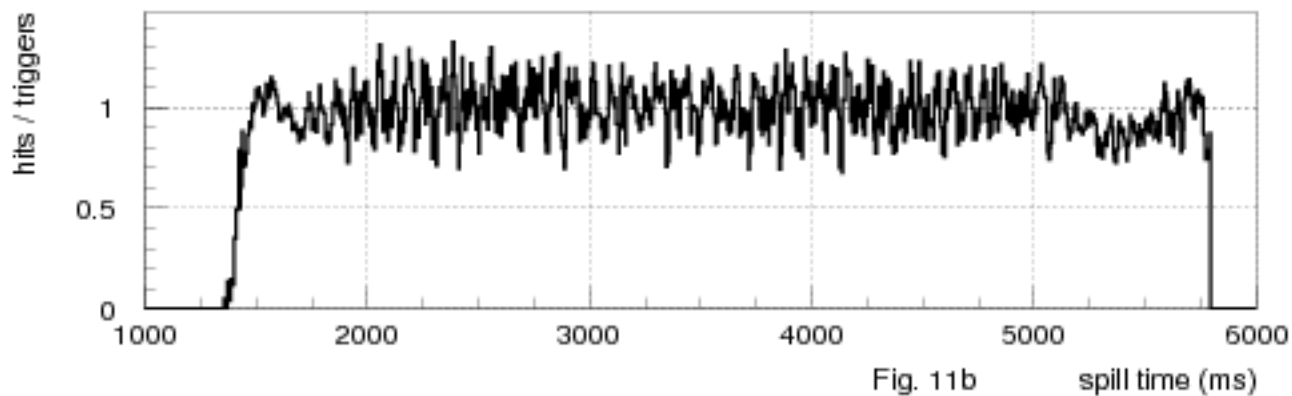
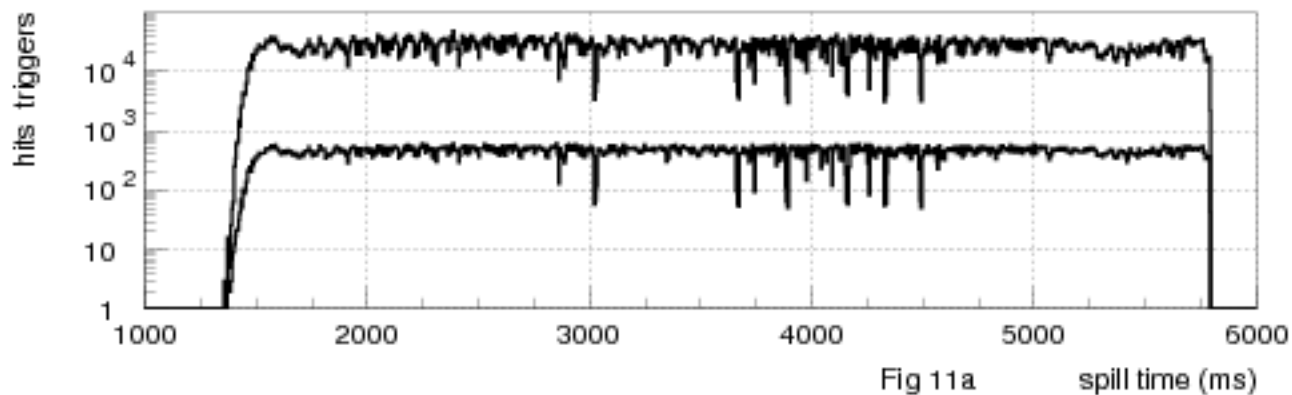


Fig. 8 Folded Spill Time (25 ns)

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



corrected spill (2D spill cut 10, hit cut 125)

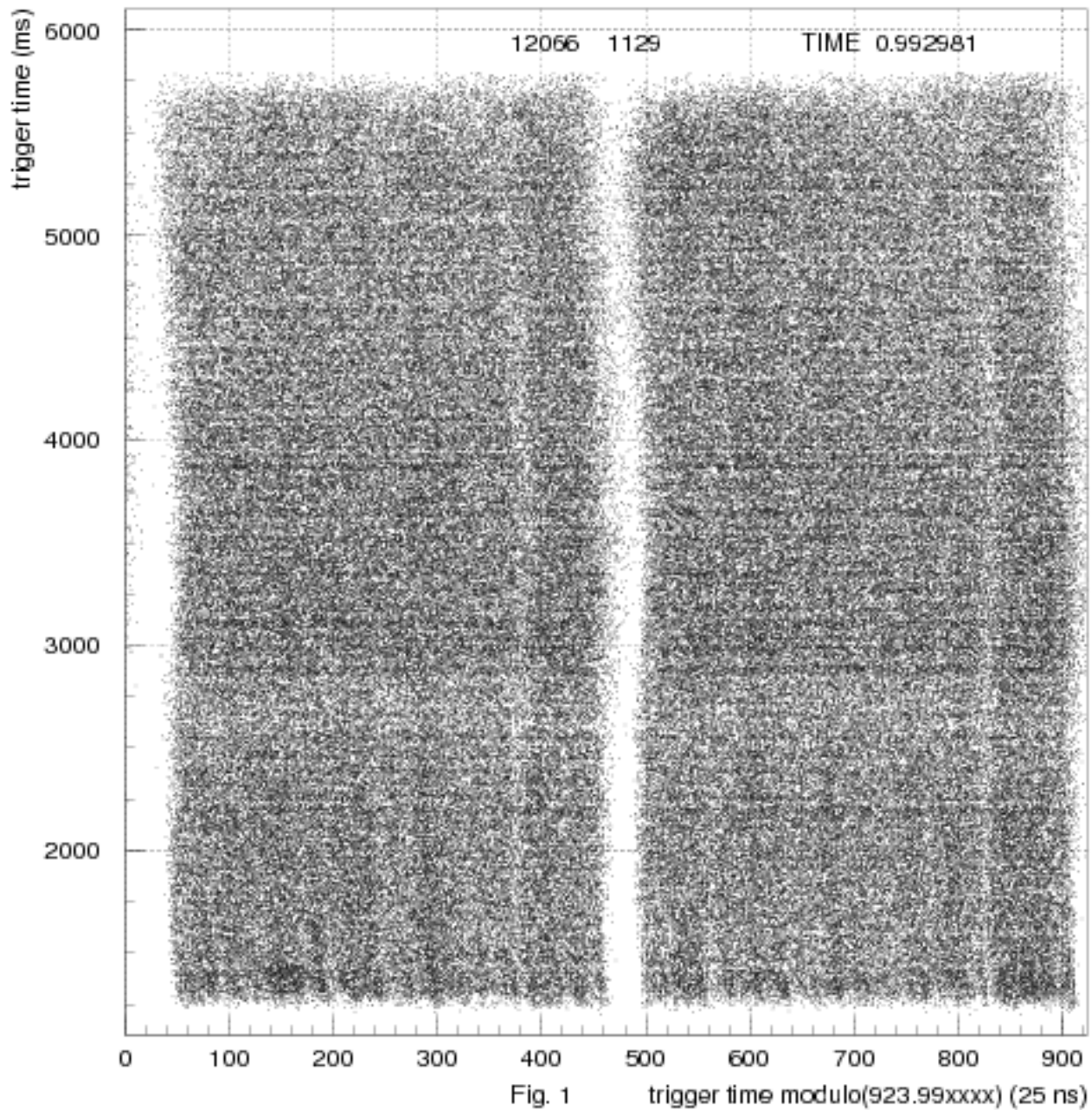
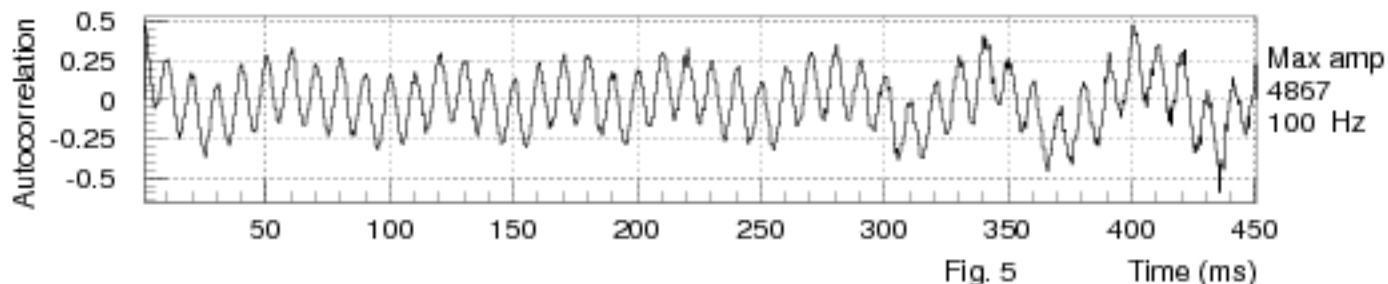
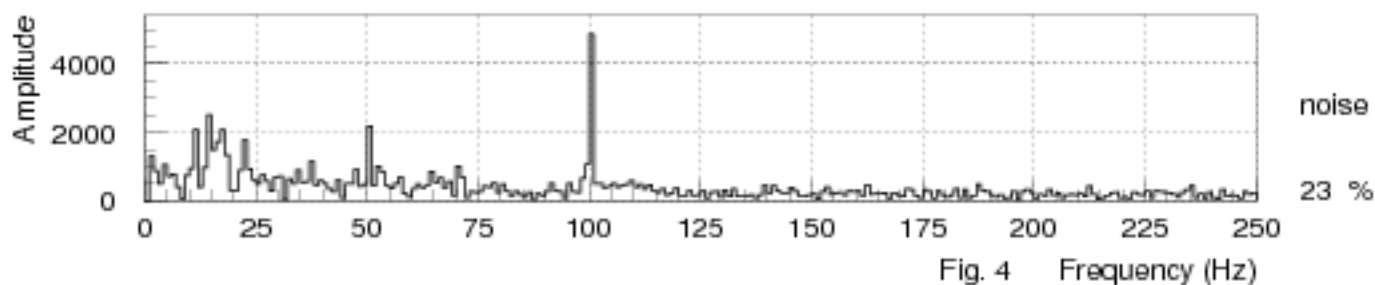
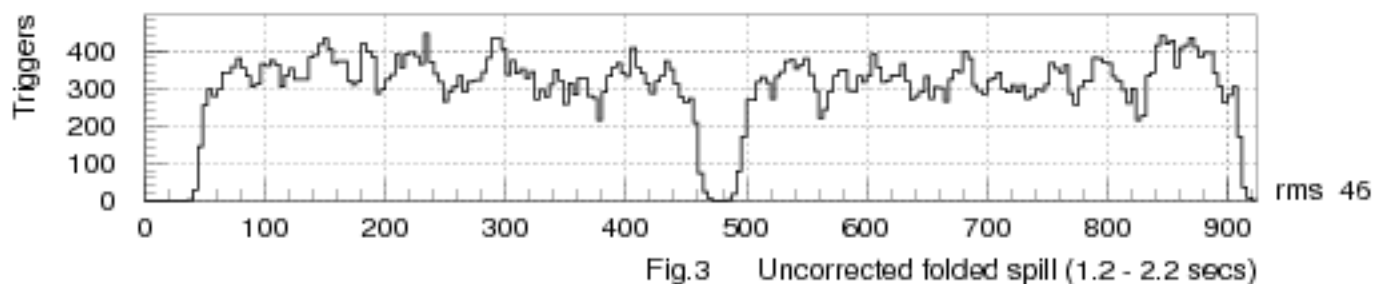
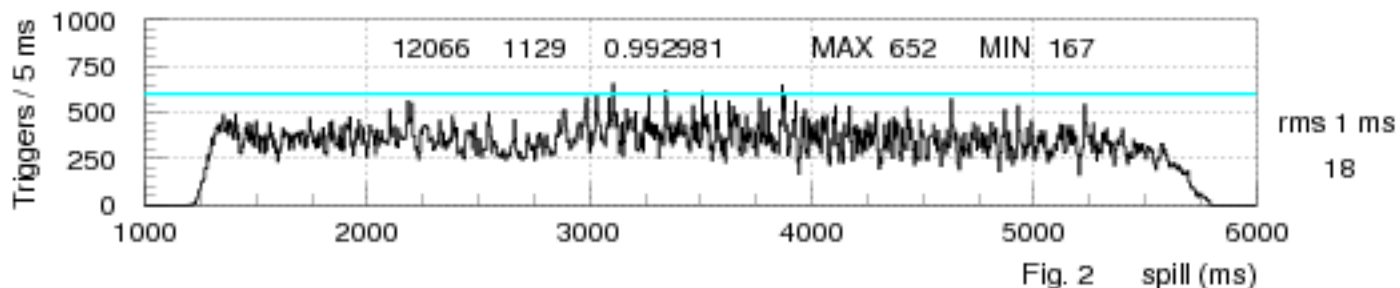


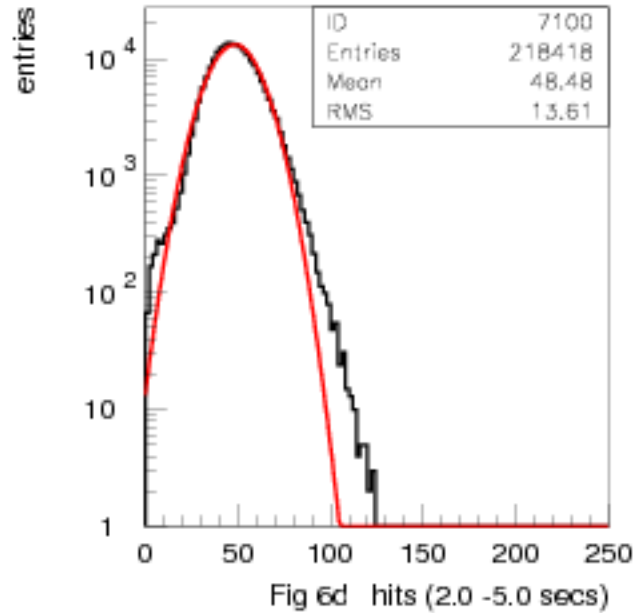
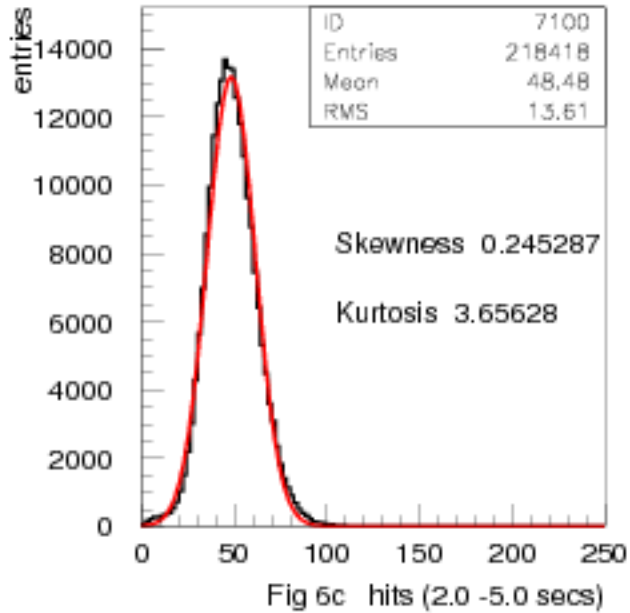
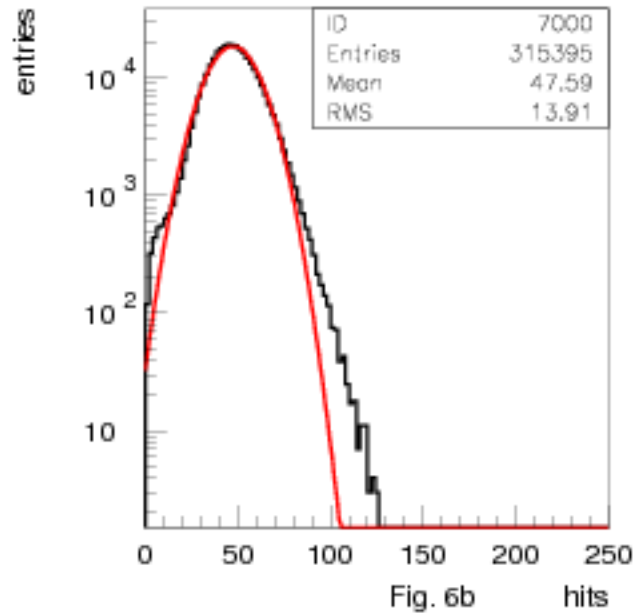
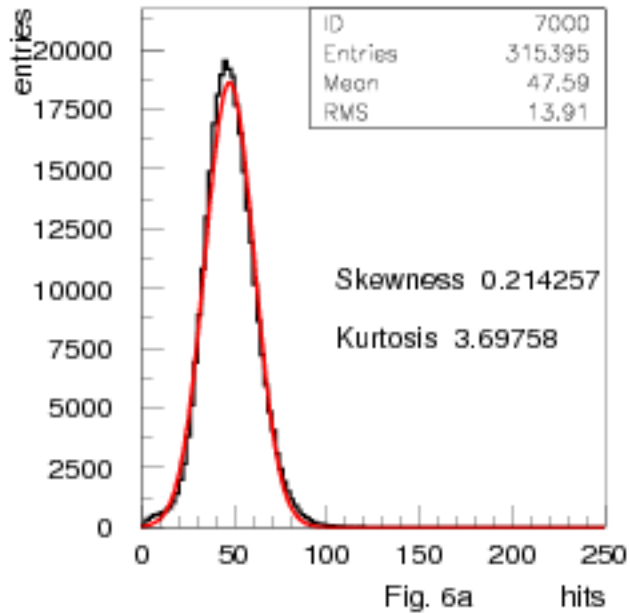
Fig. 1

trigger time modulo(923.99xxxx) (25 ns)

Spill - full range - 5 ms bins



Hits GTK(1)





Folded Spill Time vs Hits GTK(1)

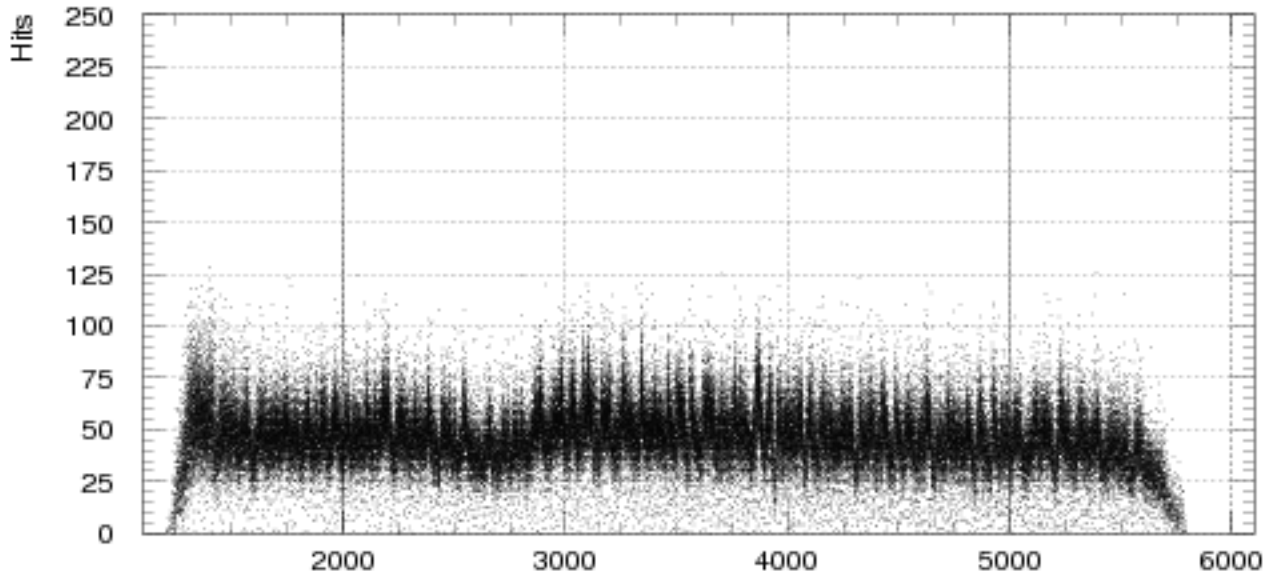


Fig. 7 Spill Time (ms)

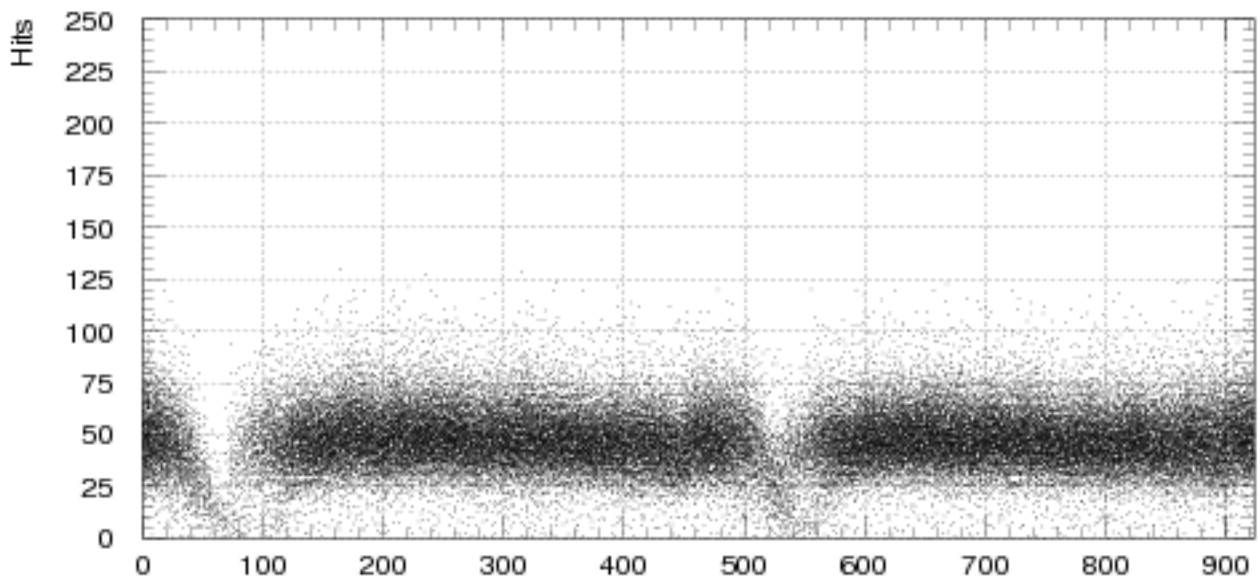
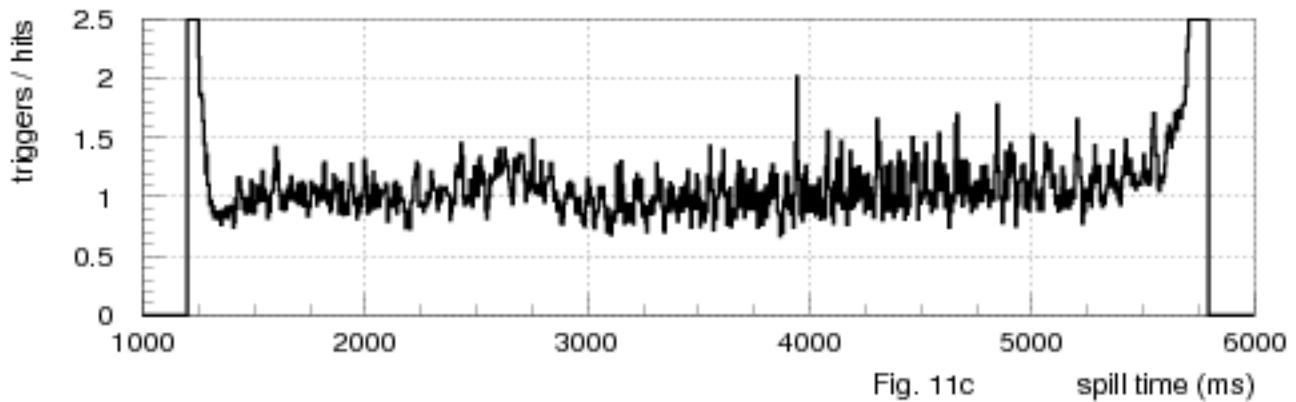
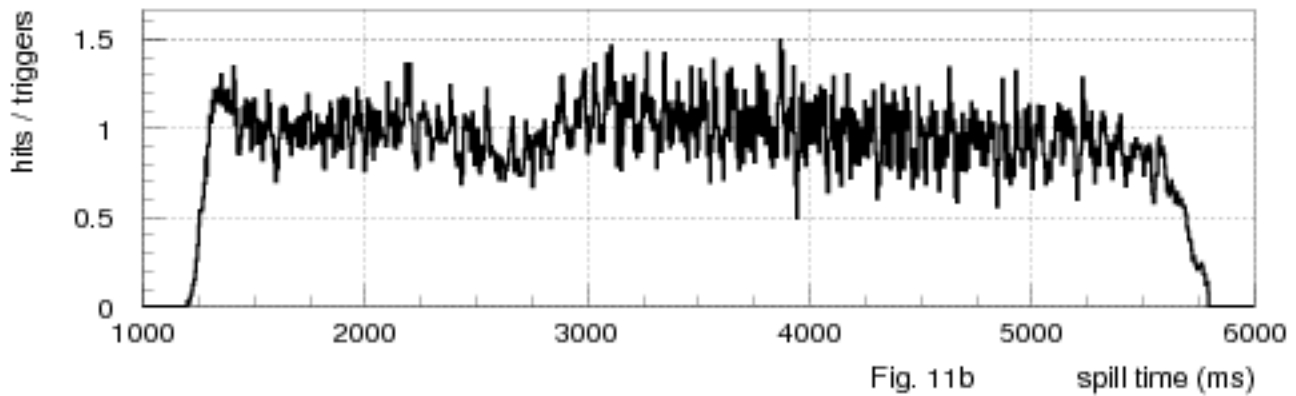
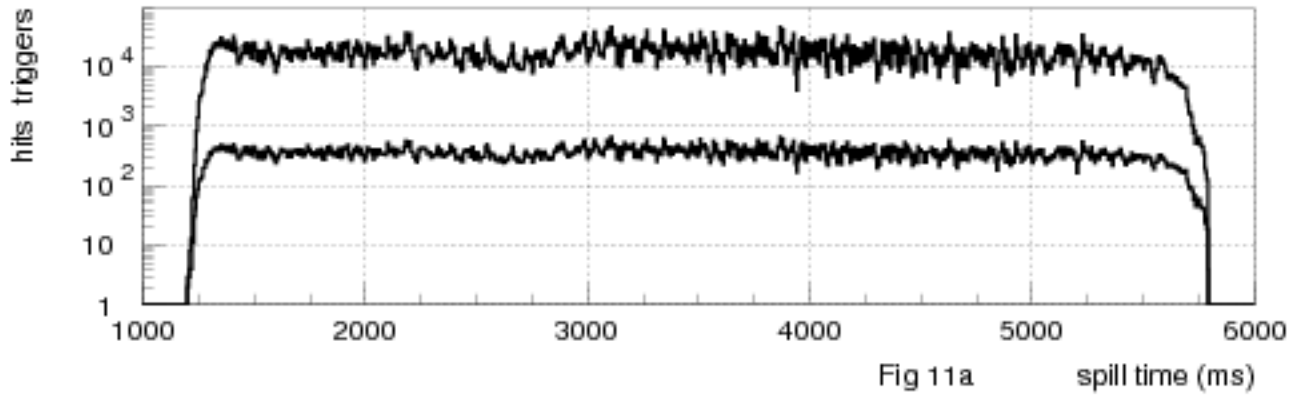


Fig. 8 Folded Spill Time (25 ns)

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



corrected spill (2D spill cut 10, hit cut 125)

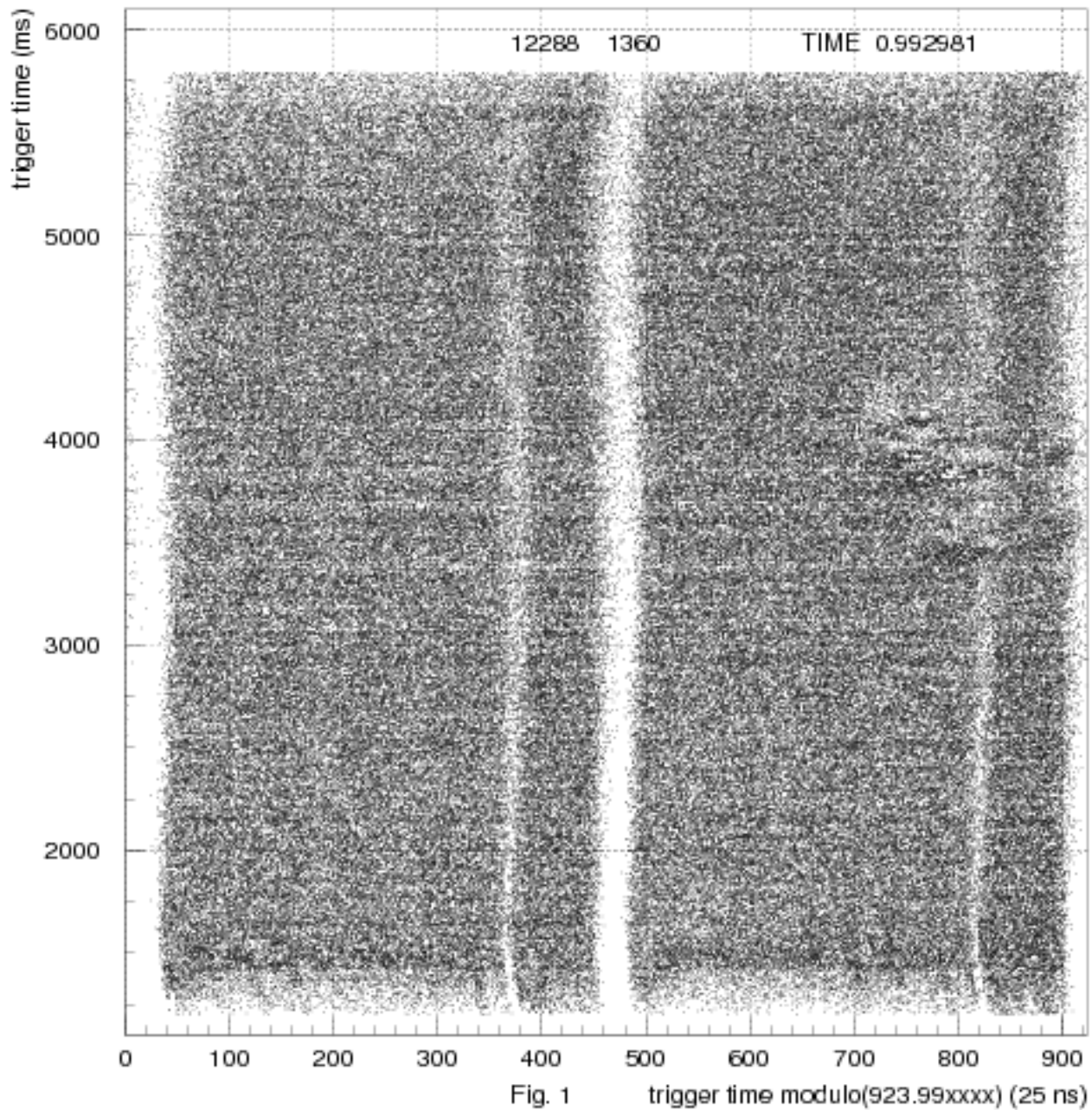
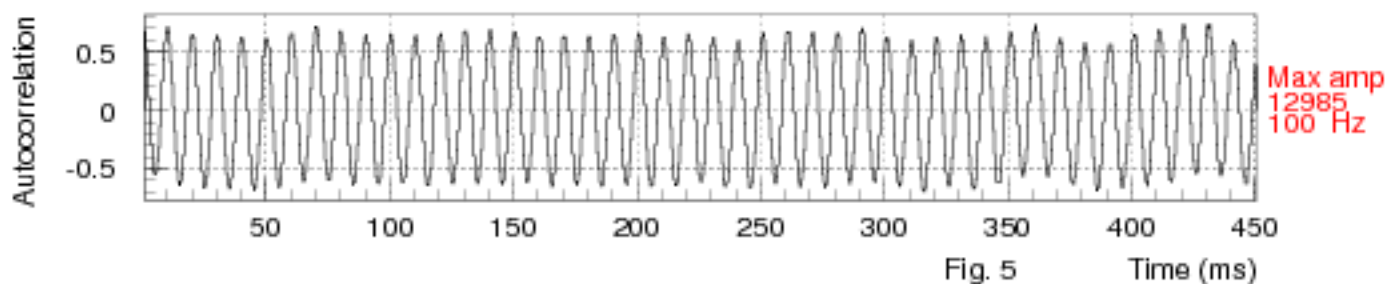
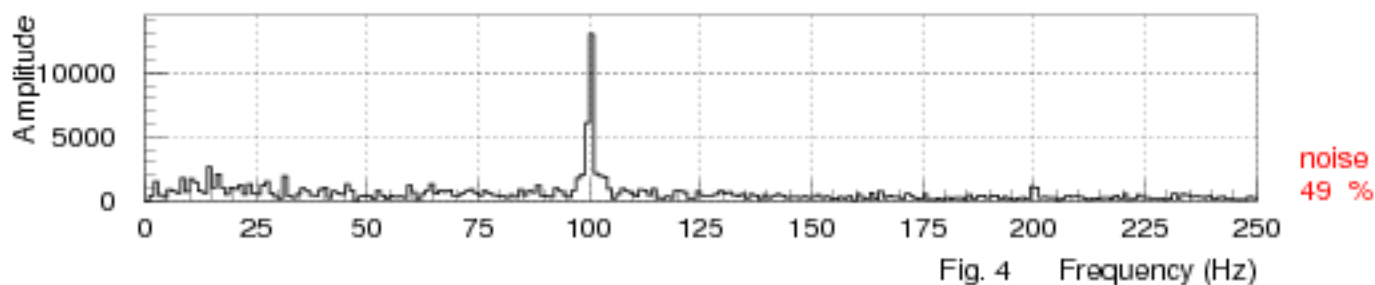
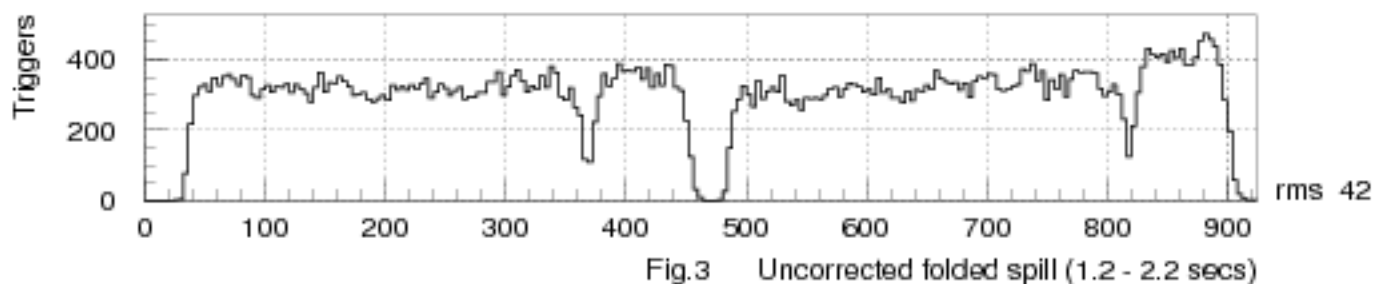
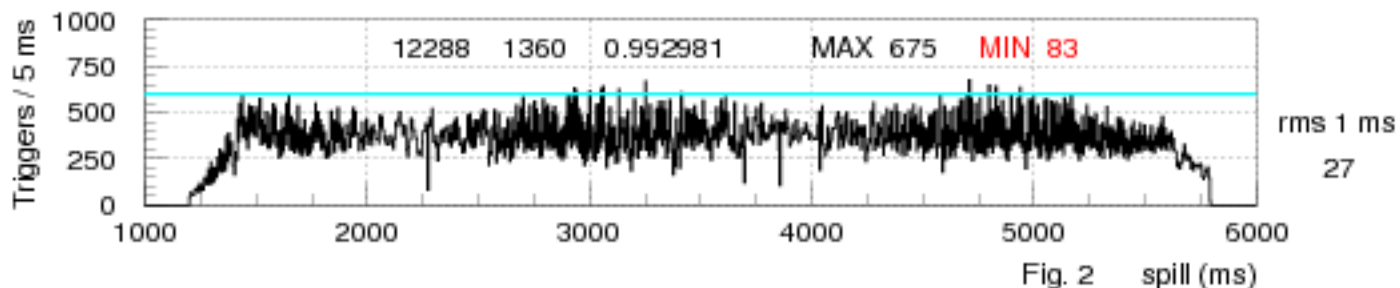


Fig. 1

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Spill - full range - 5 ms bins



Hits GTK(1)

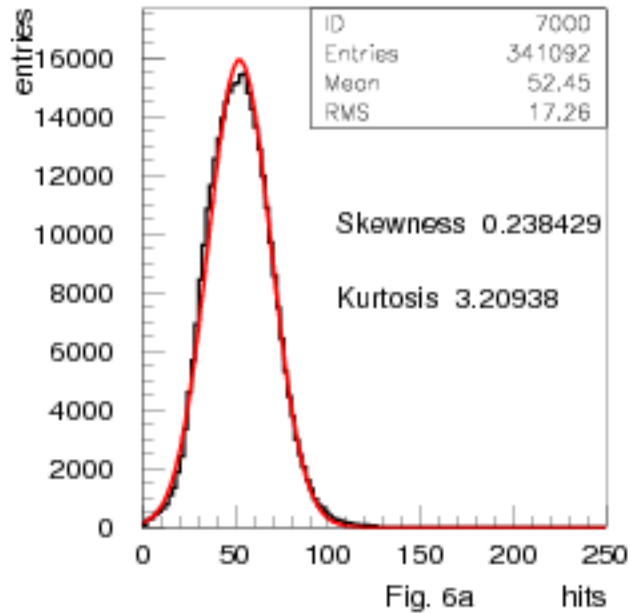


Fig. 6a hits

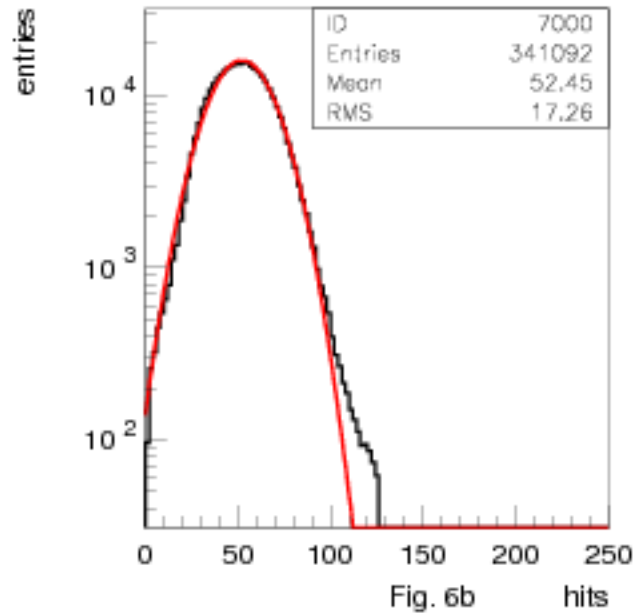


Fig. 6b hits

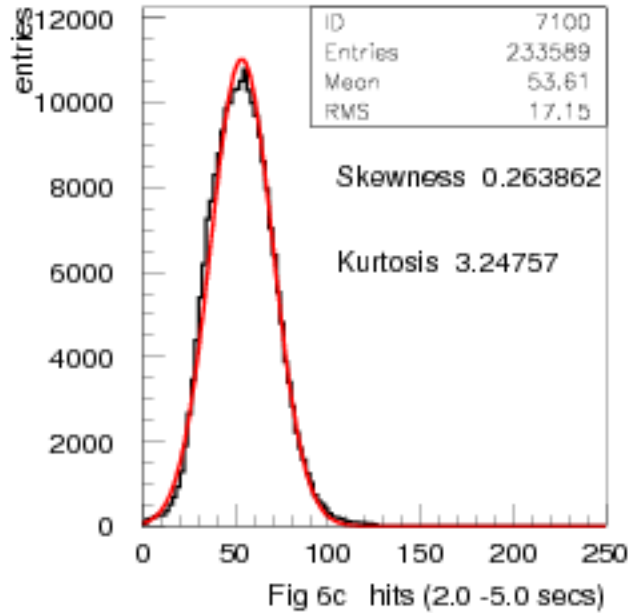


Fig 6c hits (2.0 -5.0 secs)

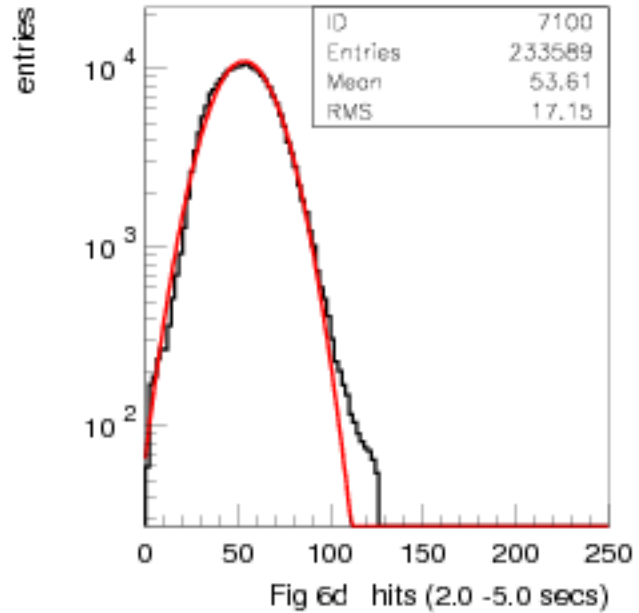


Fig 6d hits (2.0 -5.0 secs)

Folded Spill Time vs Hits GTK(1)

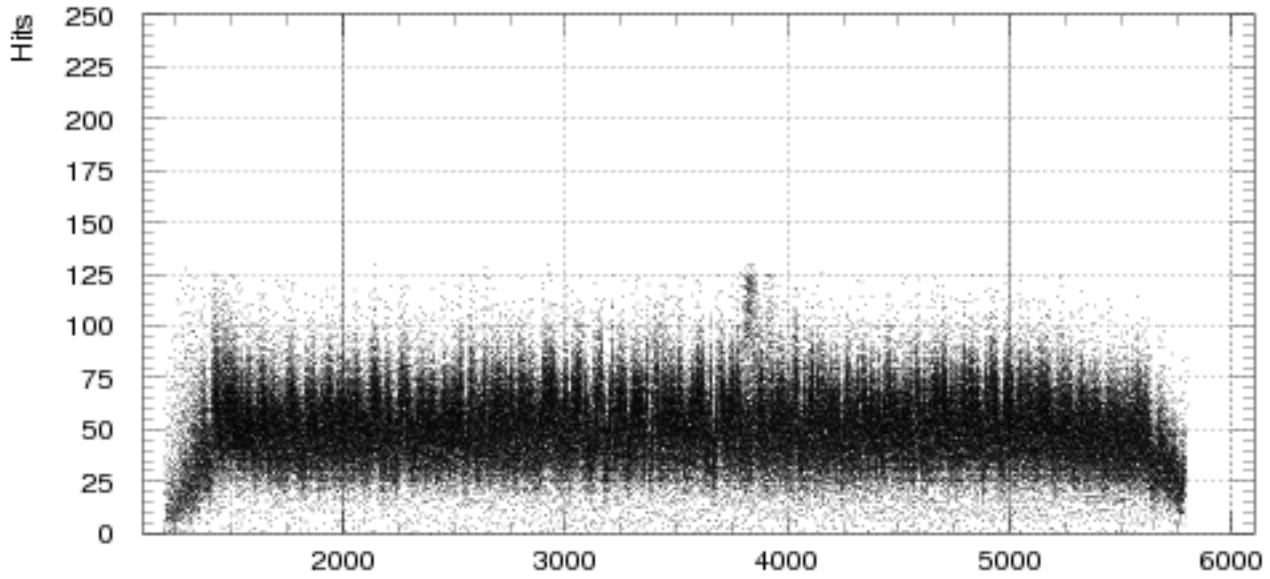


Fig. 7 Spill Time (ms)

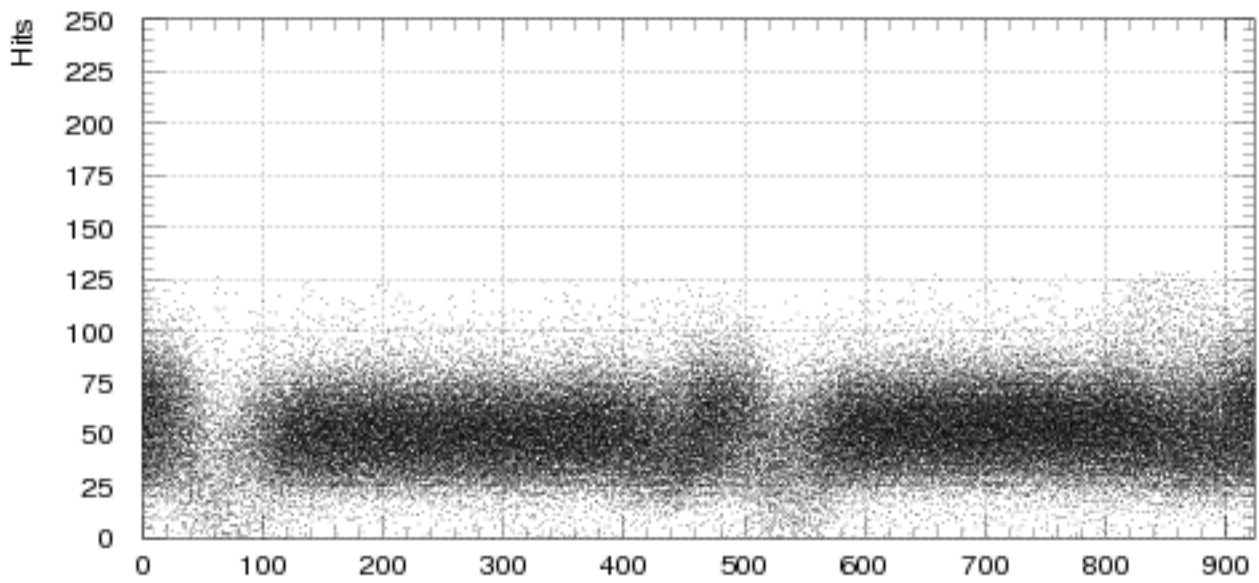
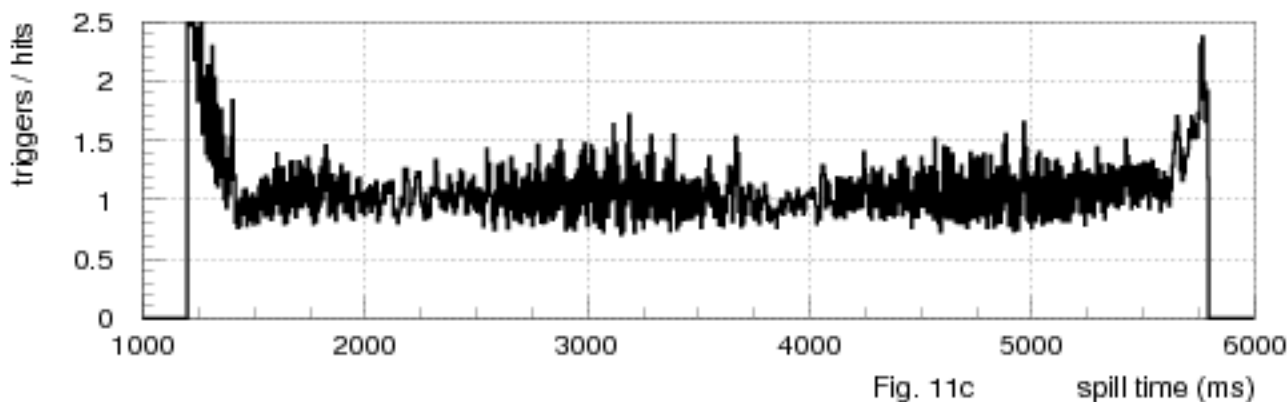
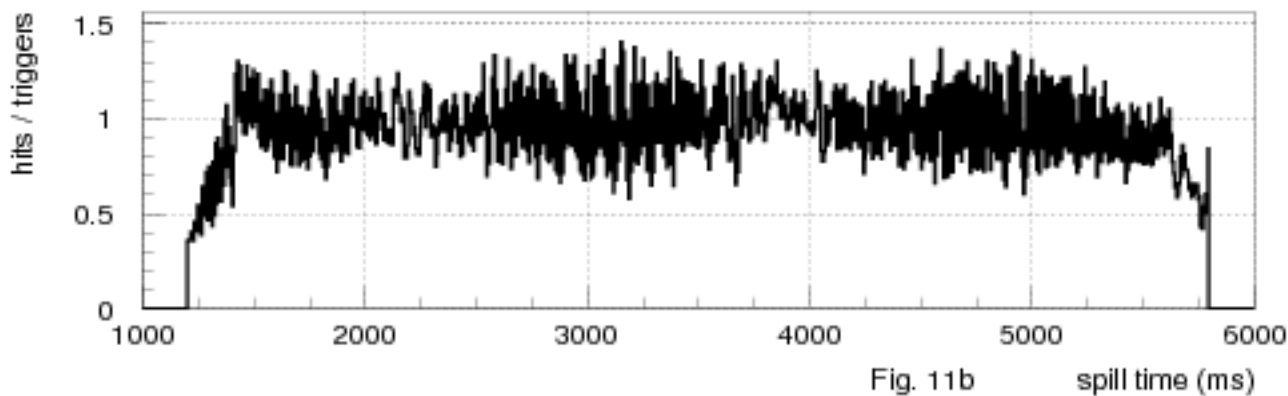
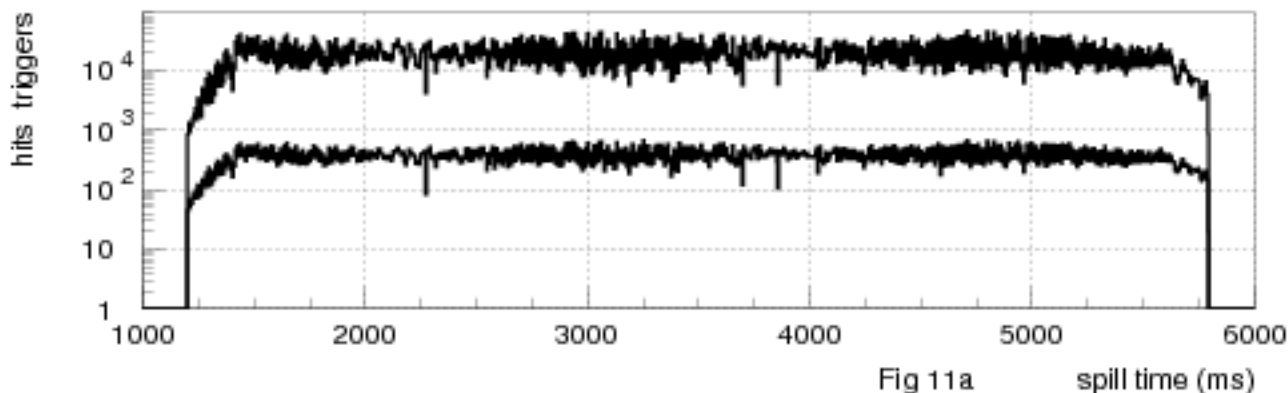


Fig. 8 Folded Spill Time (25 ns)

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



corrected spill (2D spill cut 10, hit cut 125)

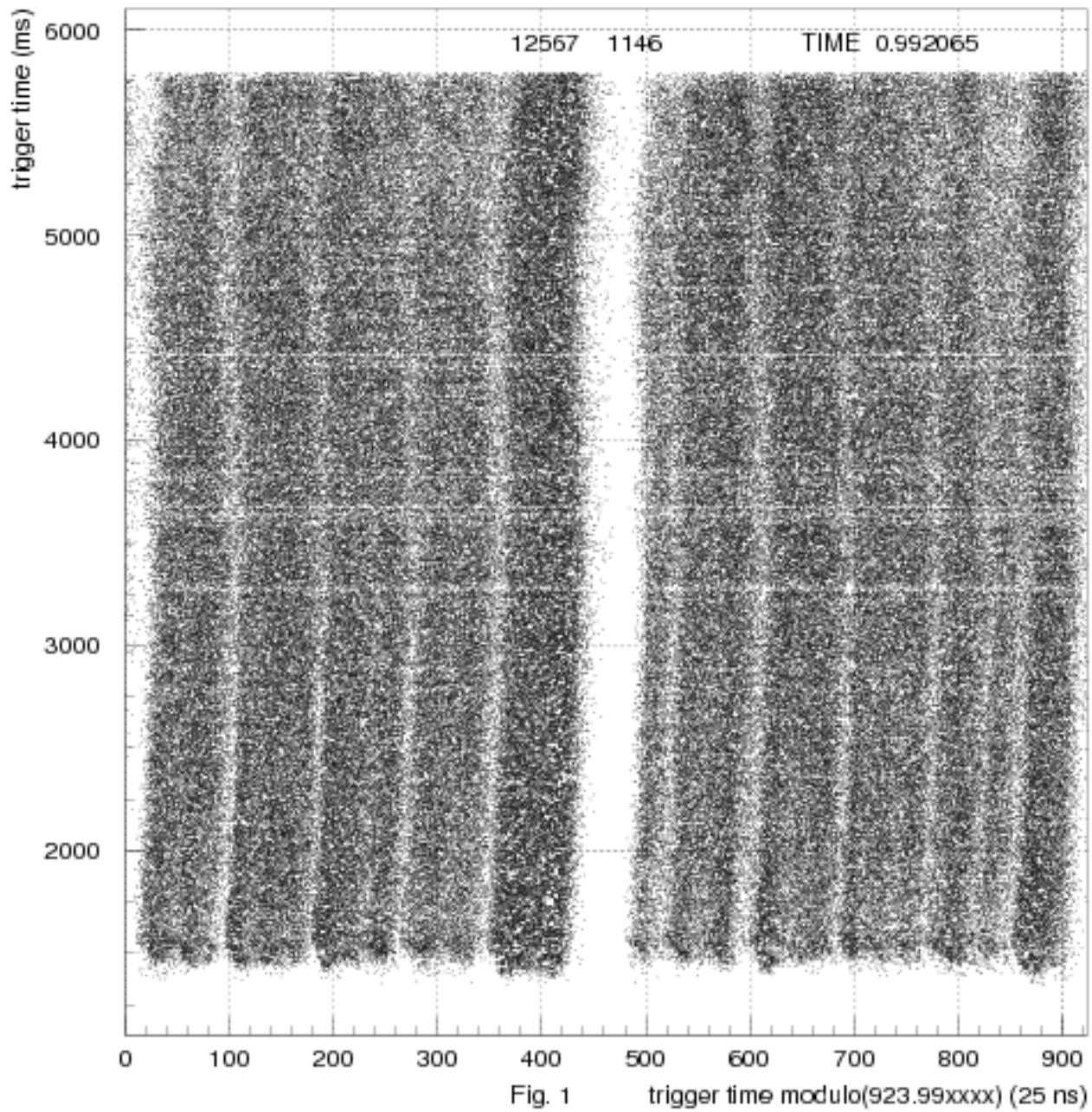
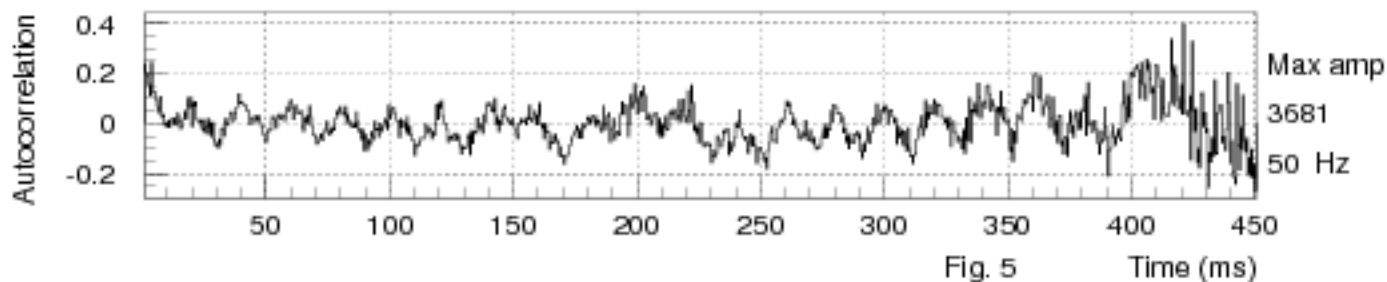
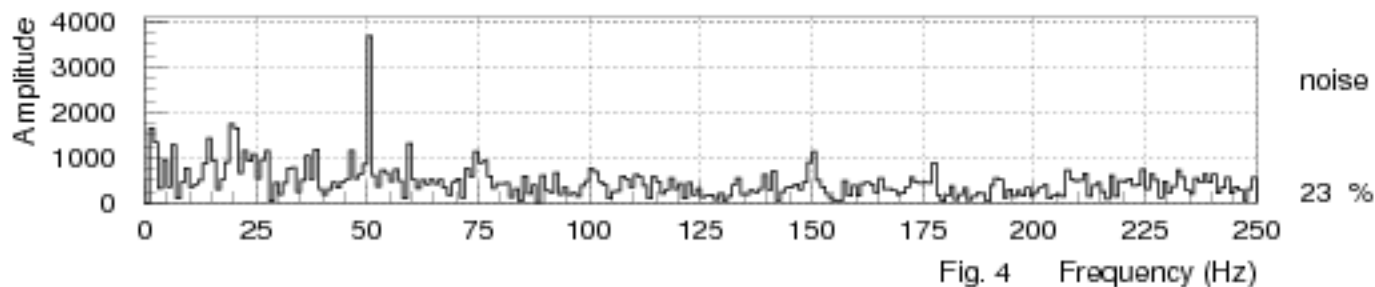
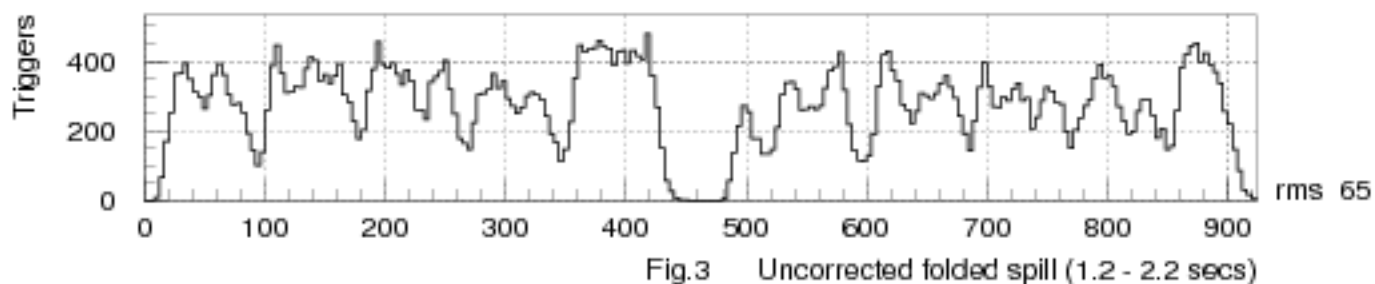
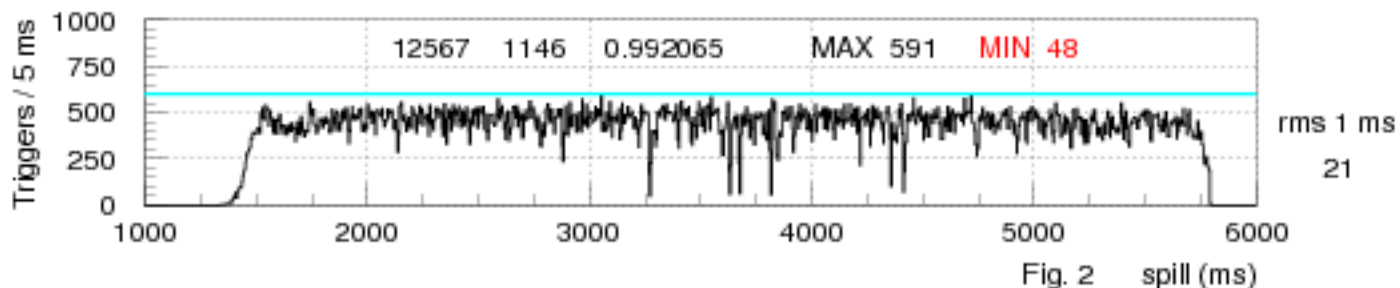


Fig. 1

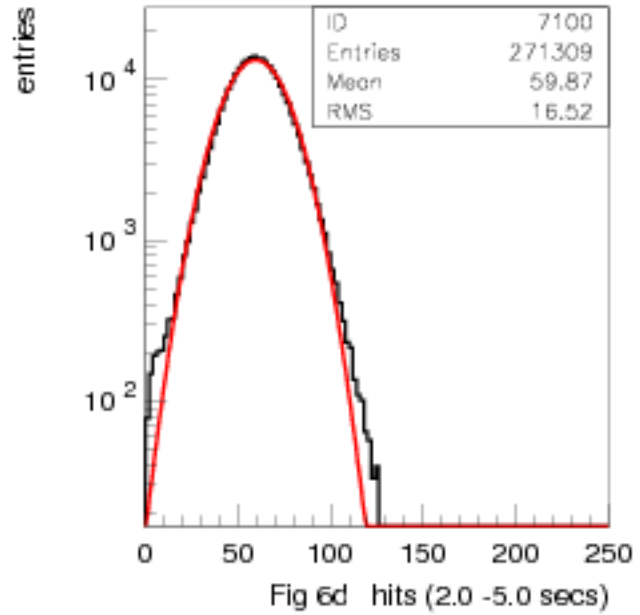
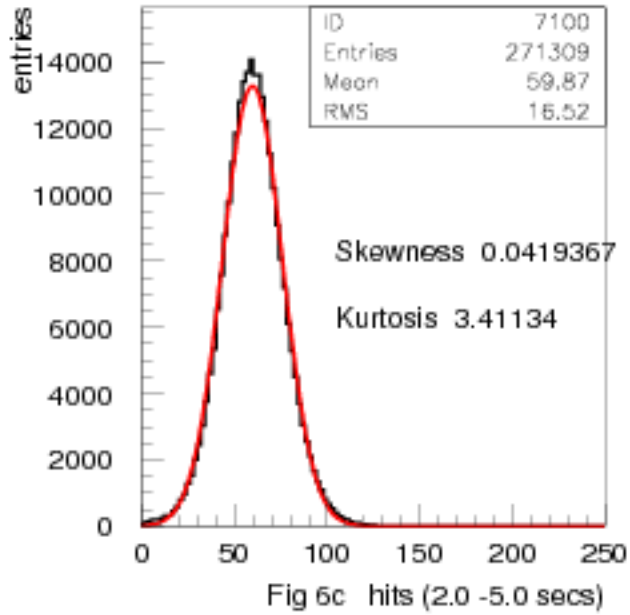
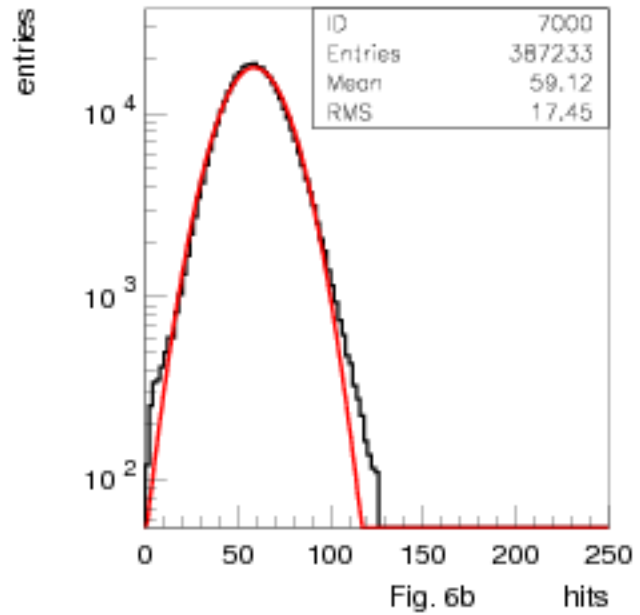
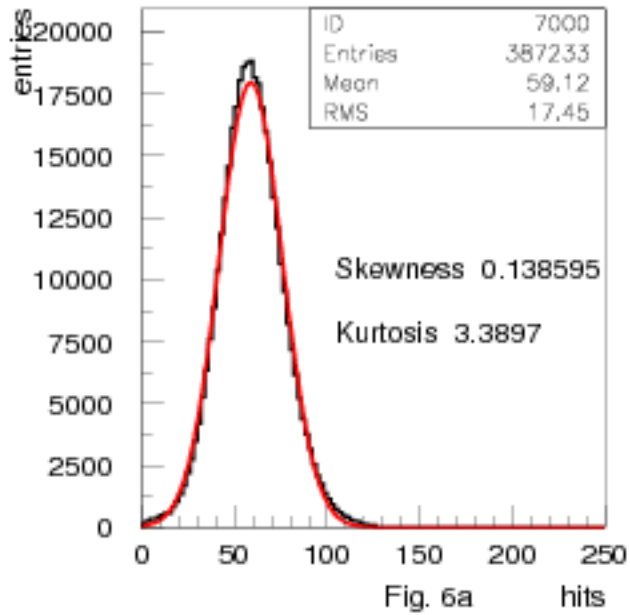
trigger time modulo(923.99xxxx) (25 ns)



Spill - full range - 5 ms bins



Hits GTK(1)



Folded Spill Time vs Hits GTK(1)

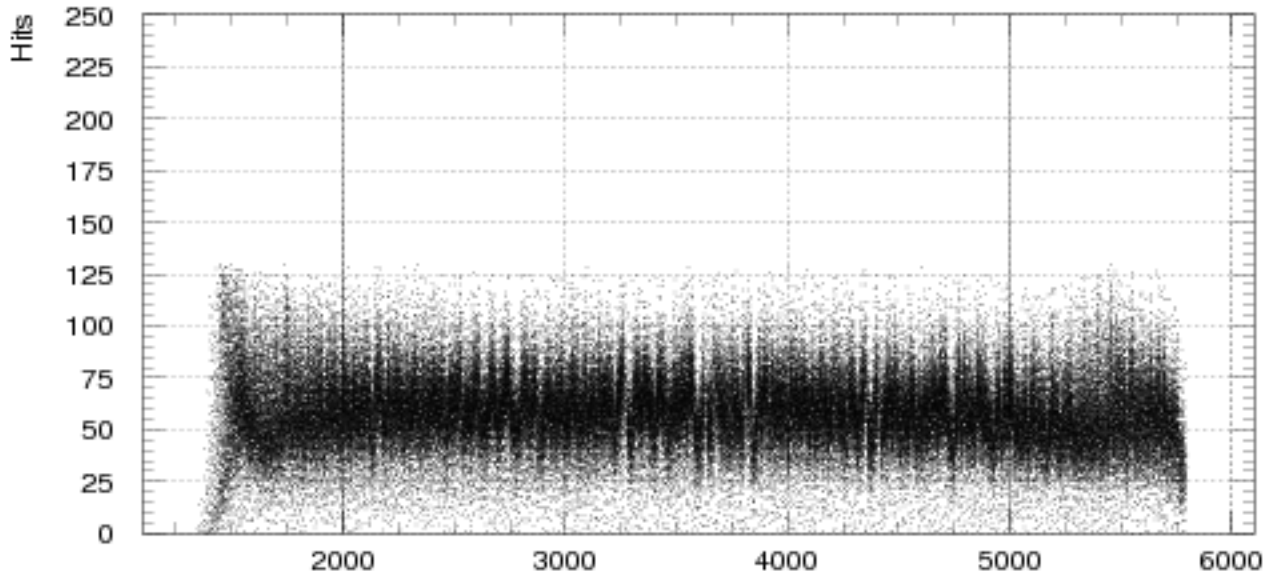


Fig. 7 Spill Time (ms)

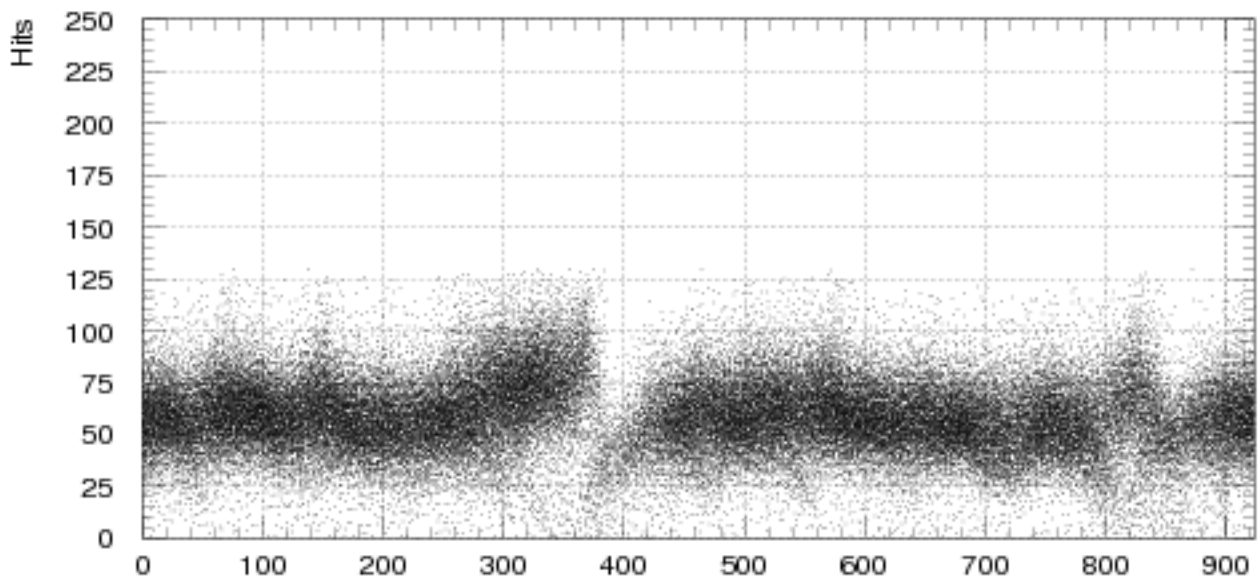


Fig. 8 Folded Spill Time (25 ns)

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

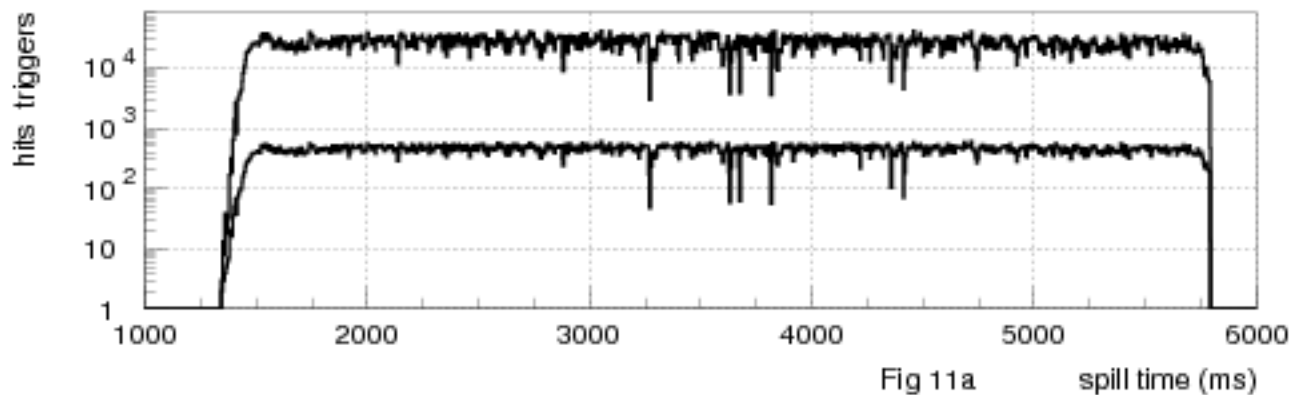


Fig 11a spill time (ms)

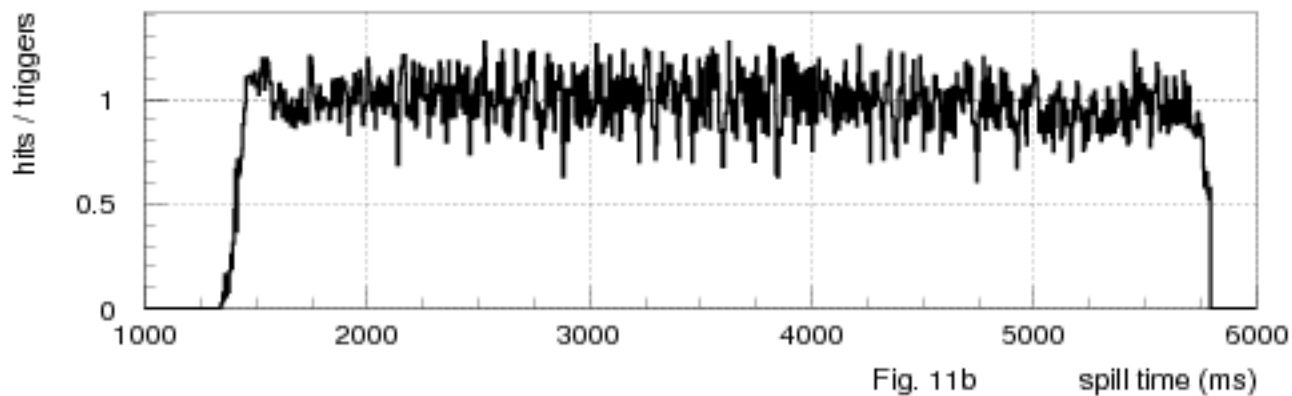


Fig. 11b spill time (ms)

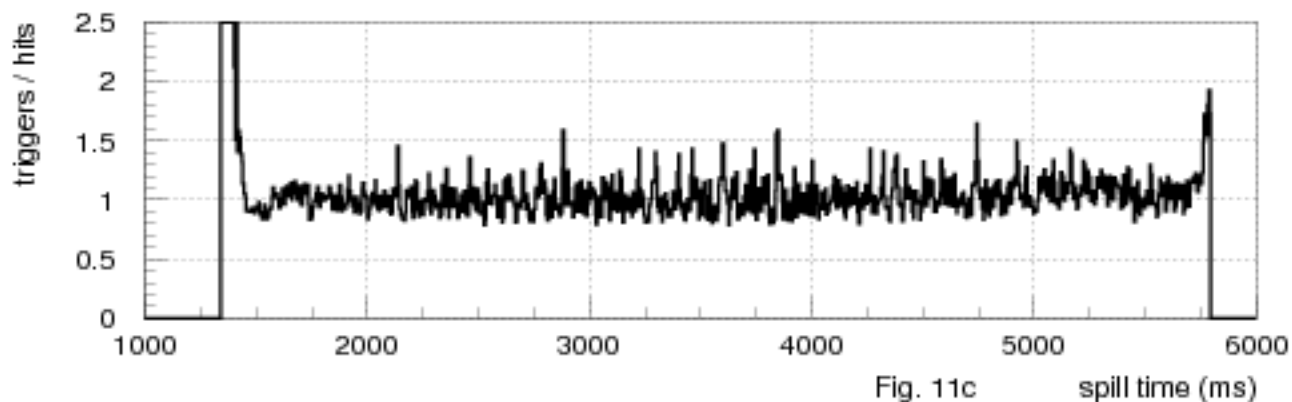


Fig. 11c spill time (ms)

corrected spill (2D spill cut 10, hit cut 125)

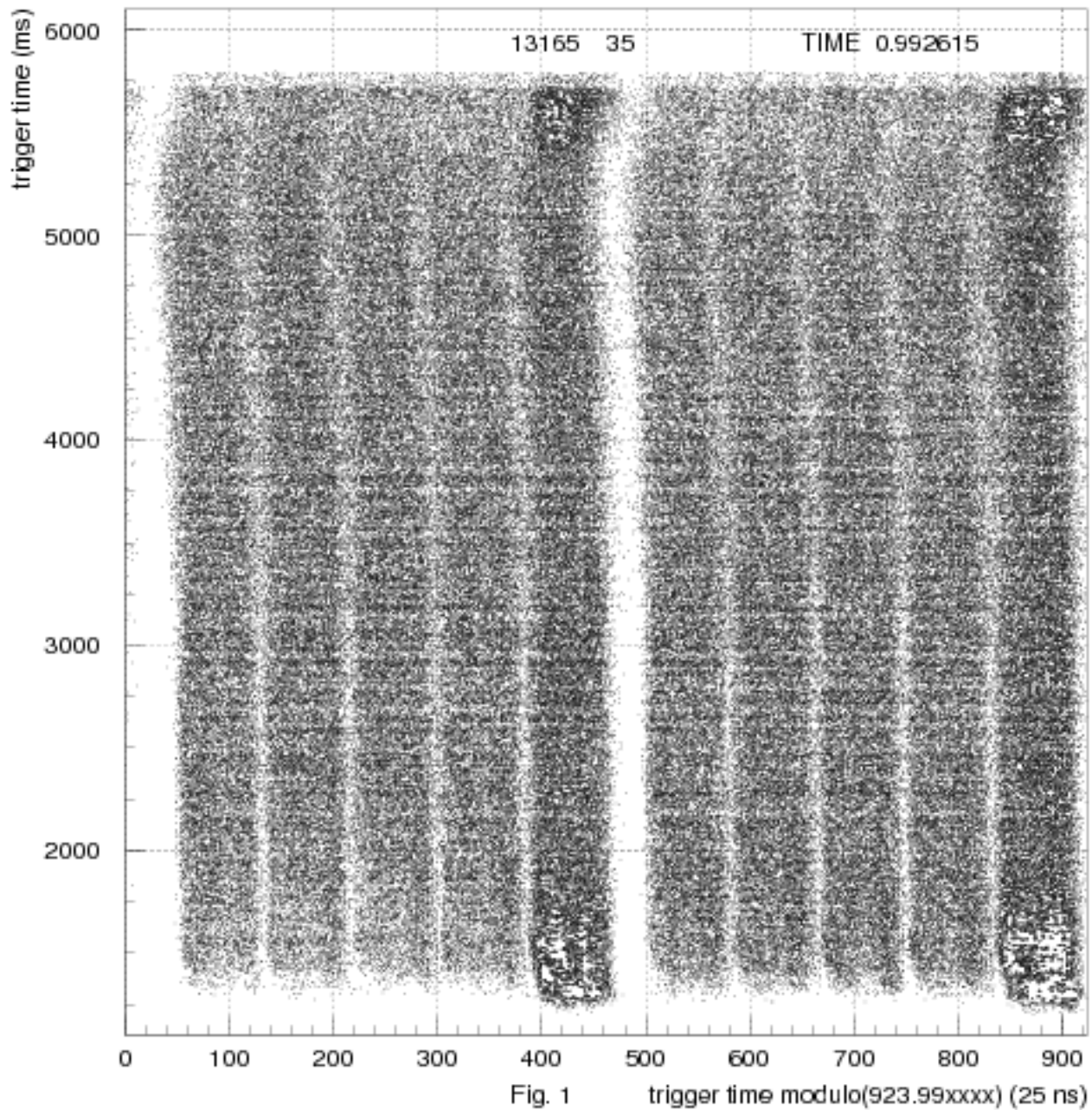


Fig. 1

trigger time modulo(923.99xxxx) (25 ns)

Spill - full range - 5 ms bins

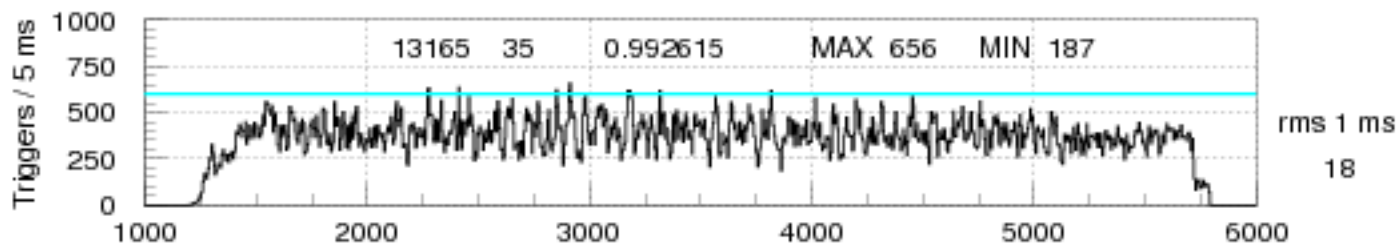


Fig. 2 spill (ms)

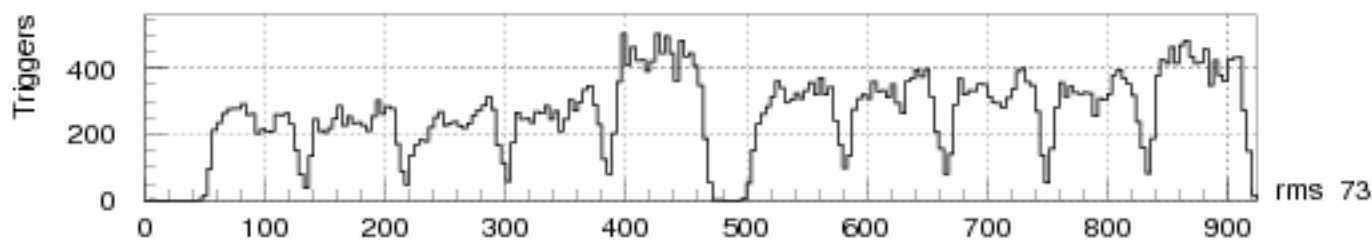


Fig.3 Uncorrected folded spill (1.2 - 2.2 secs)

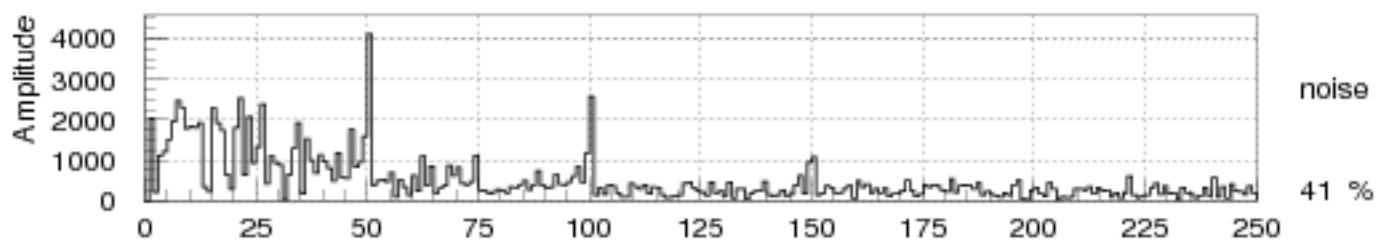


Fig. 4 Frequency (Hz)

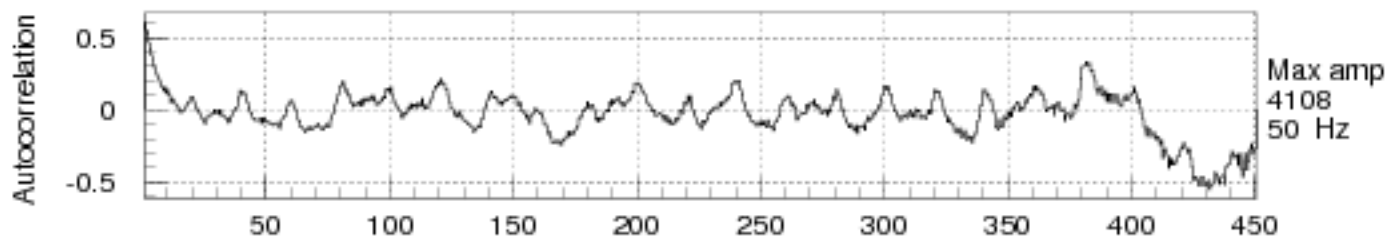
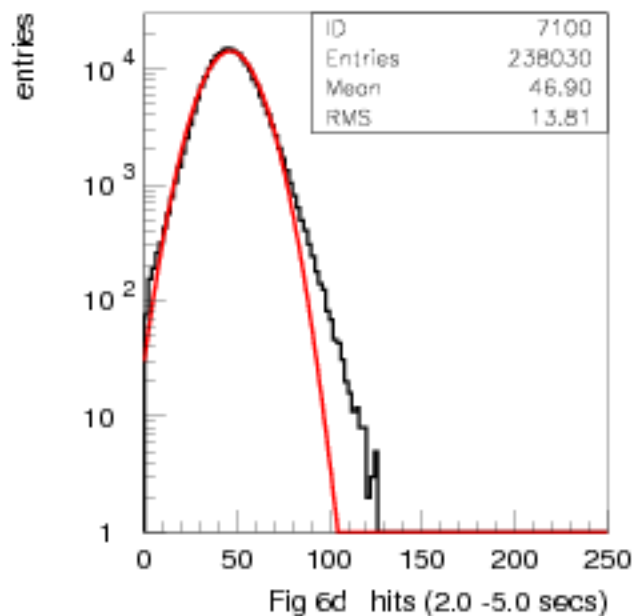
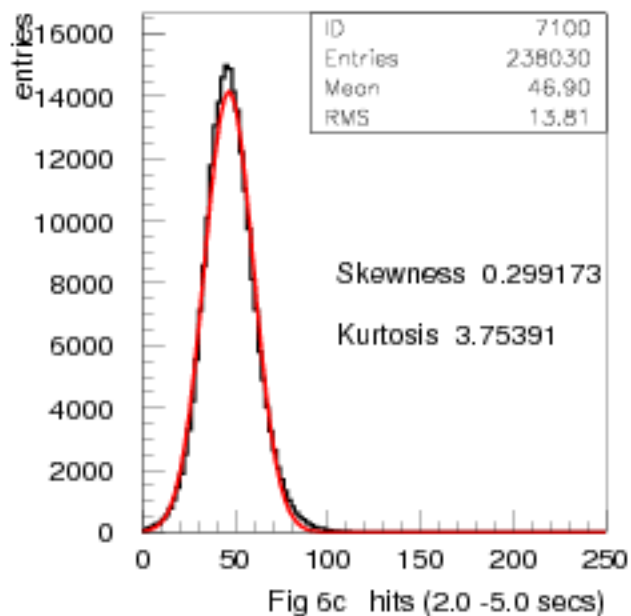
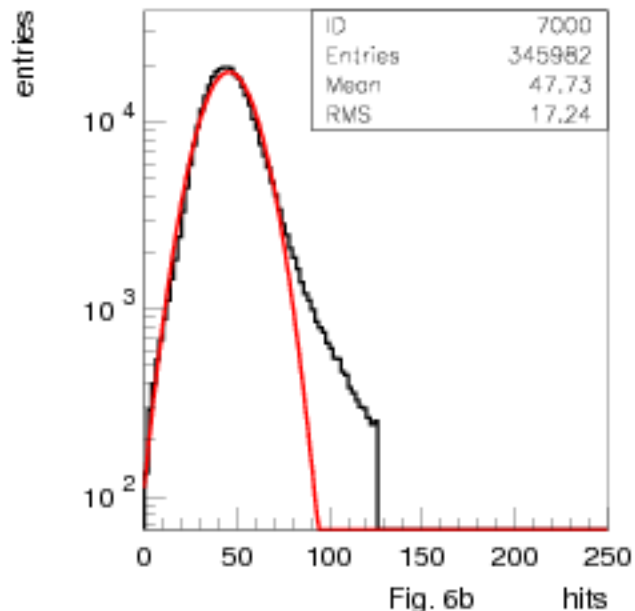
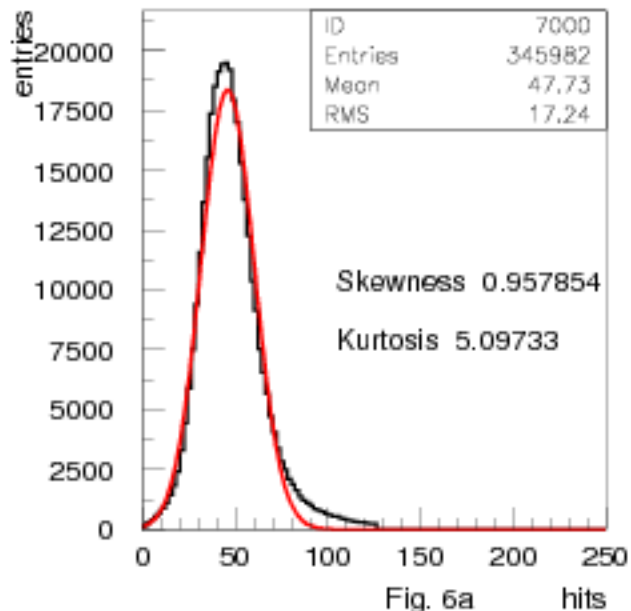


Fig. 5 Time (ms)

Hits GTK(1)



Folded Spill Time vs Hits GTK(1)

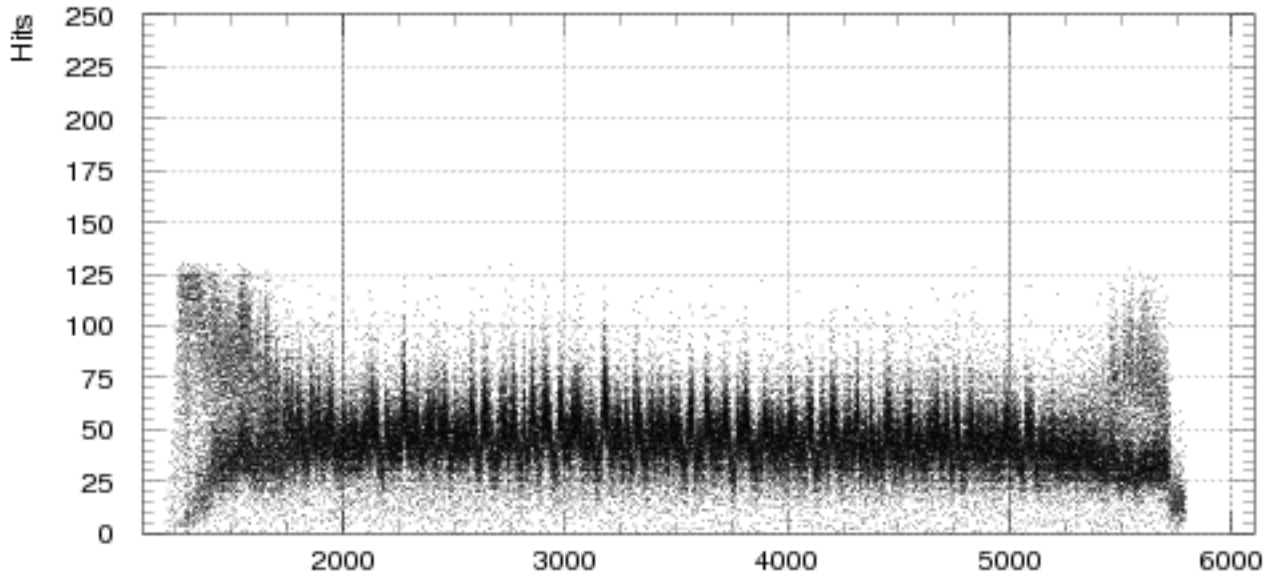


Fig. 7 Spill Time (ms)

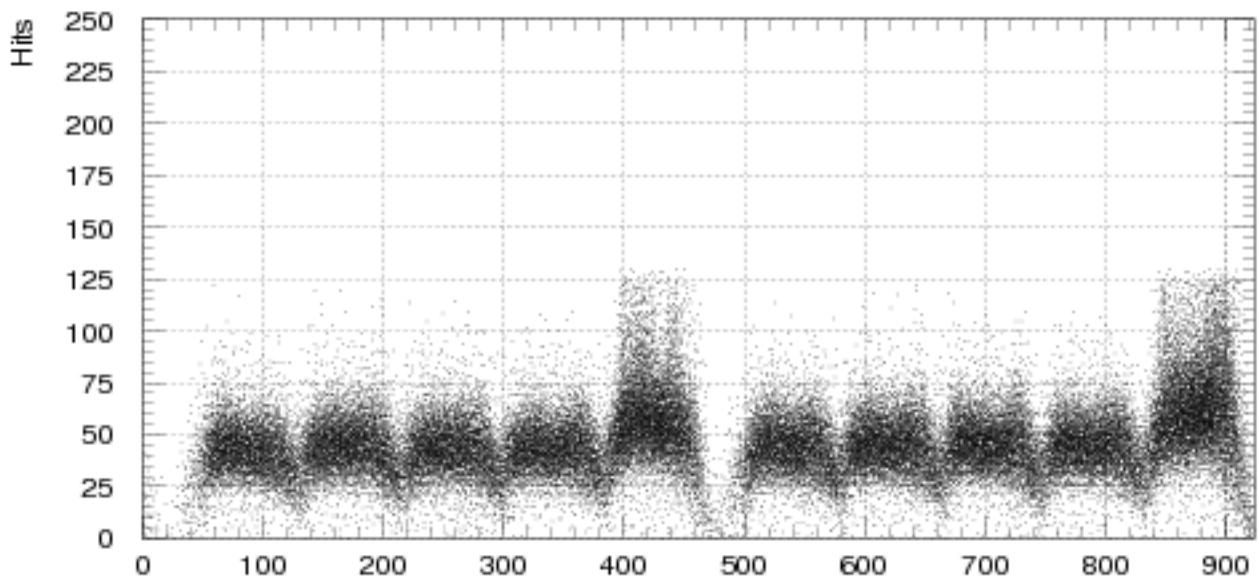
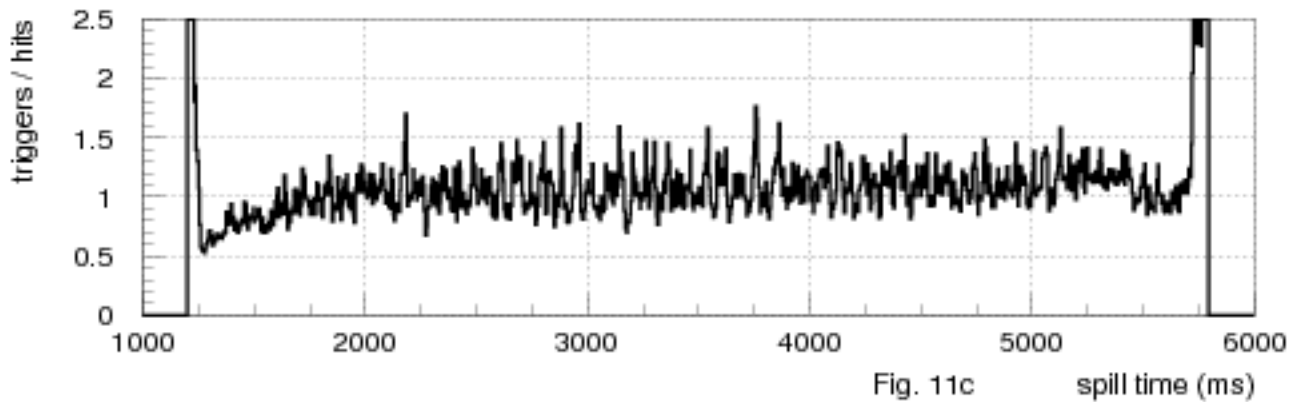
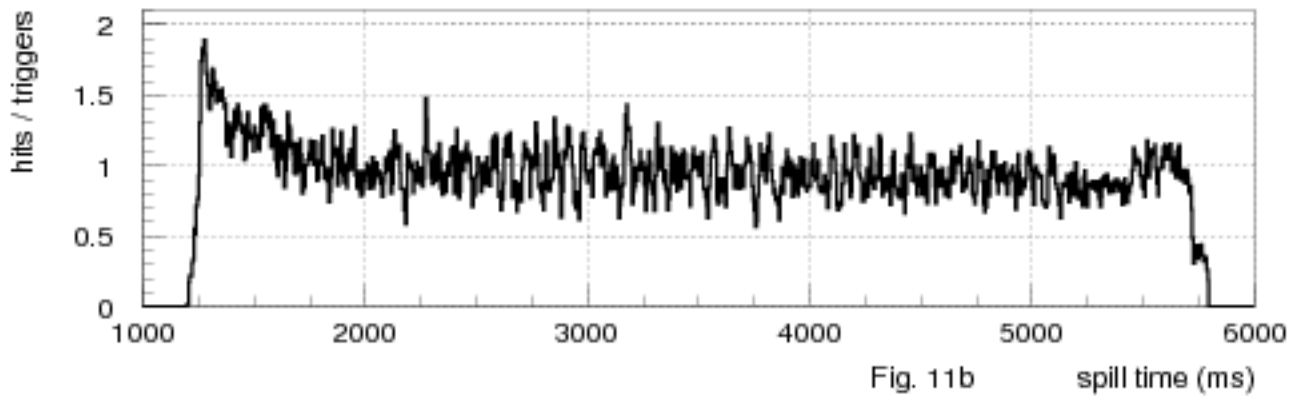
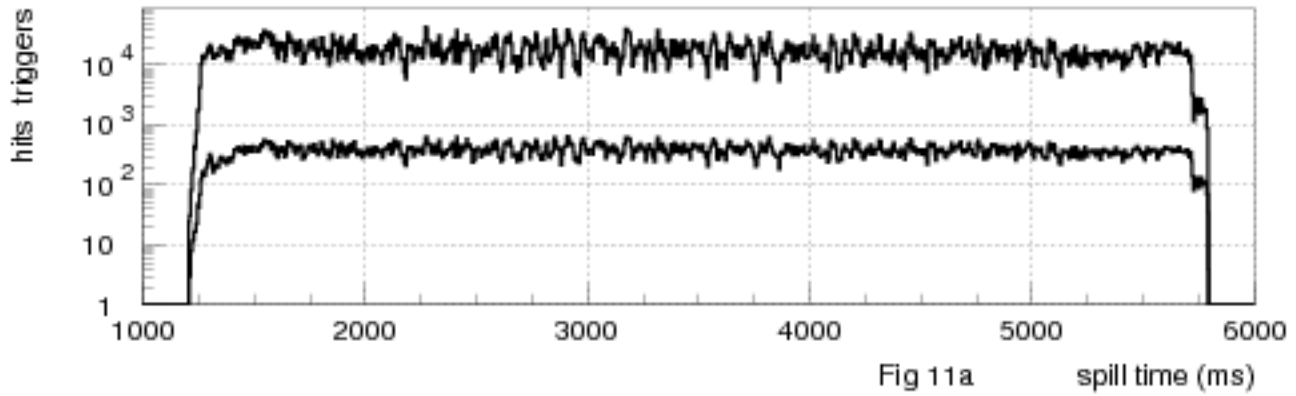


Fig. 8 Folded Spill Time (25 ns)



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



corrected spill (2D spill cut 10, hit cut 125)

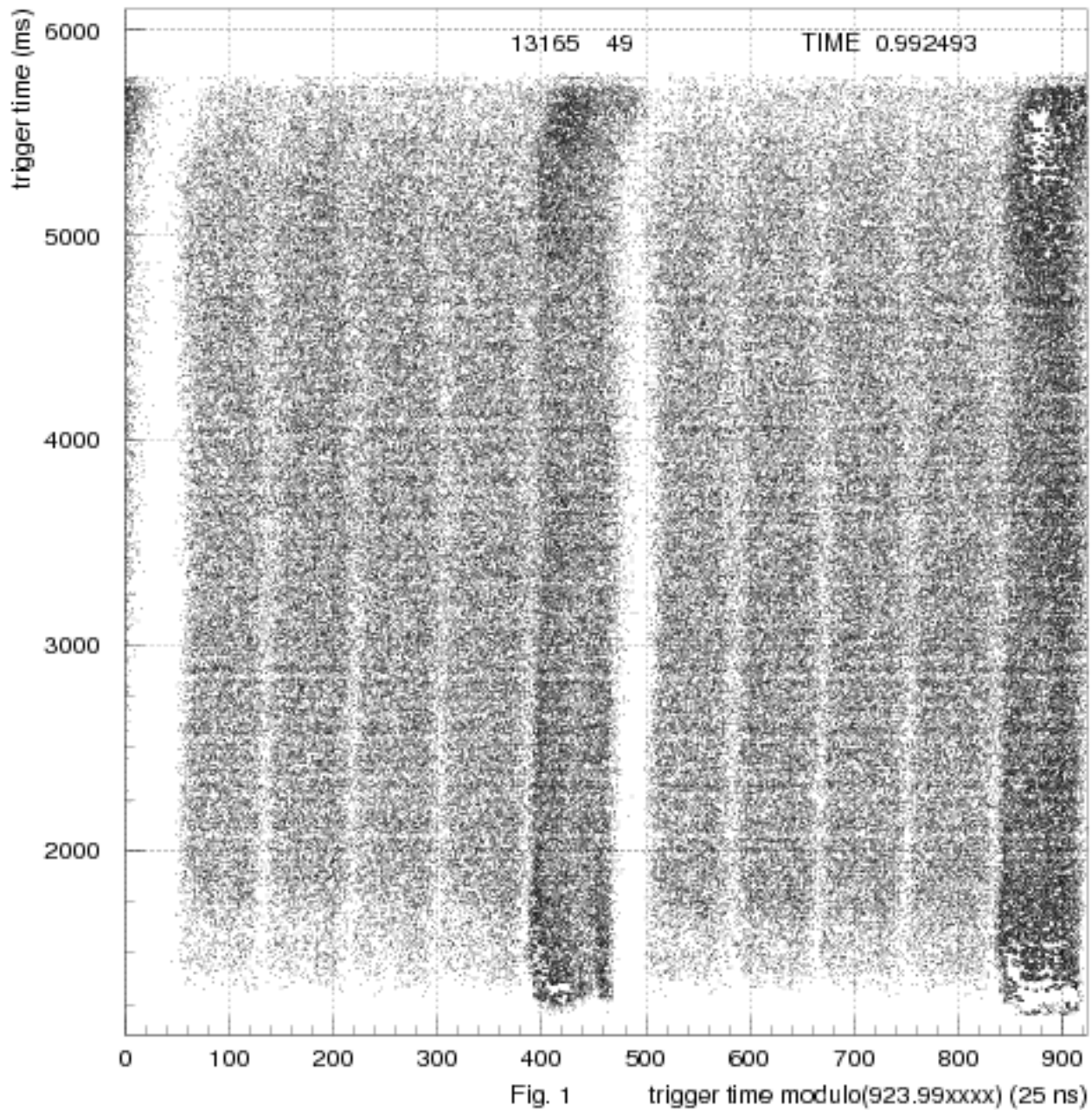
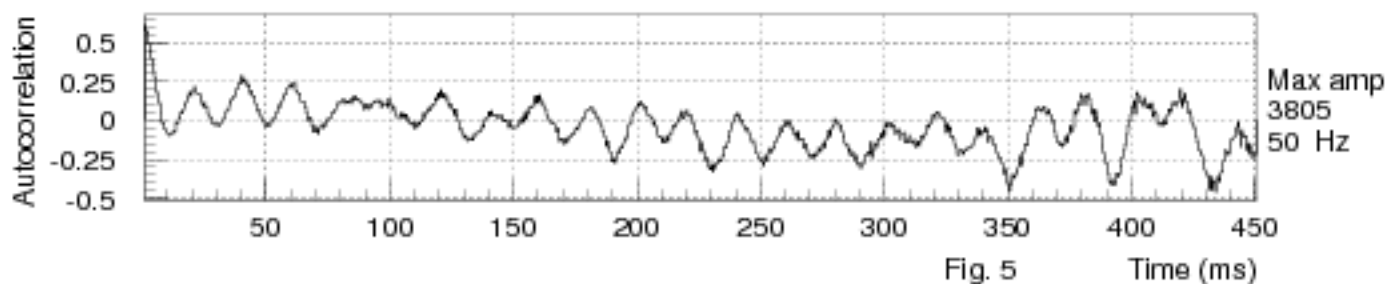
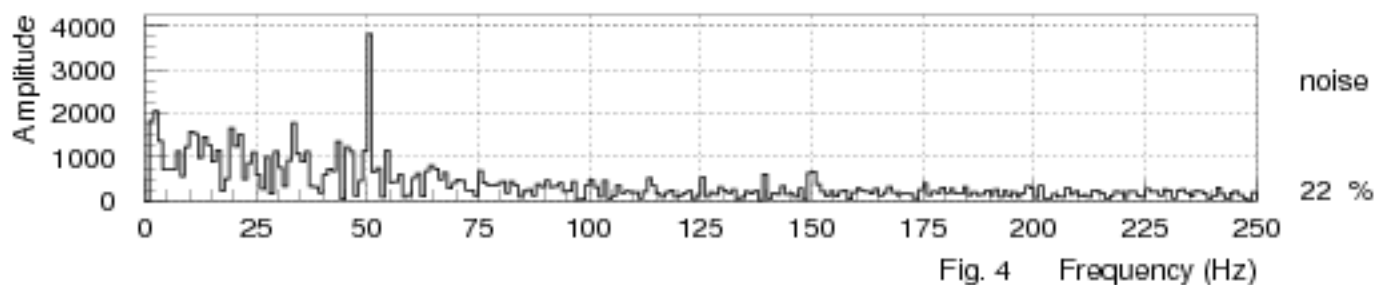
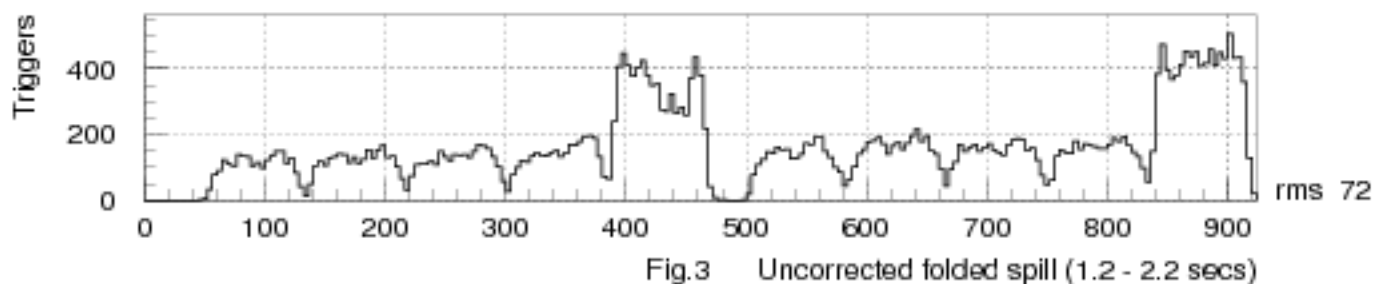
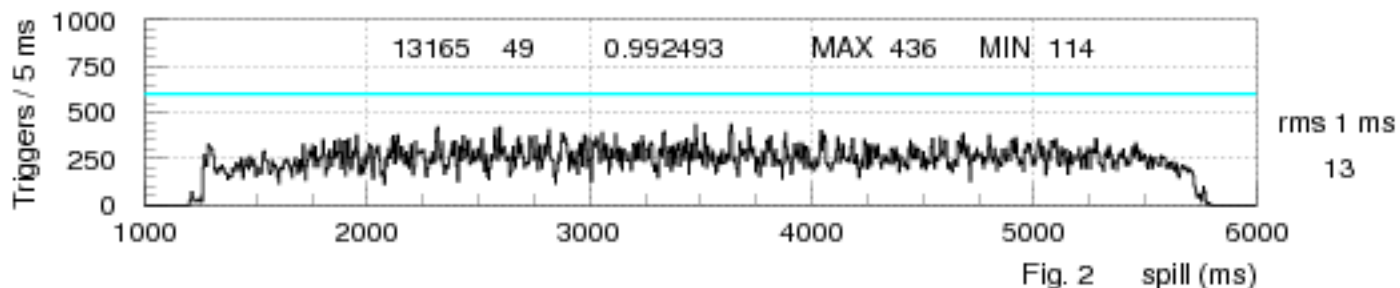


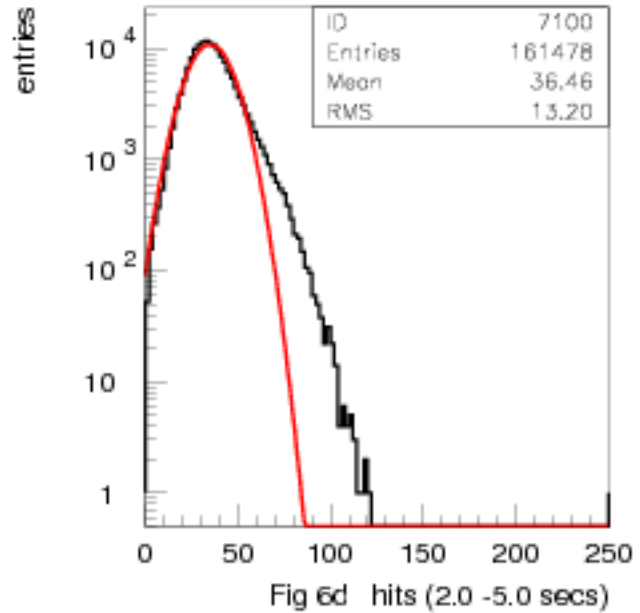
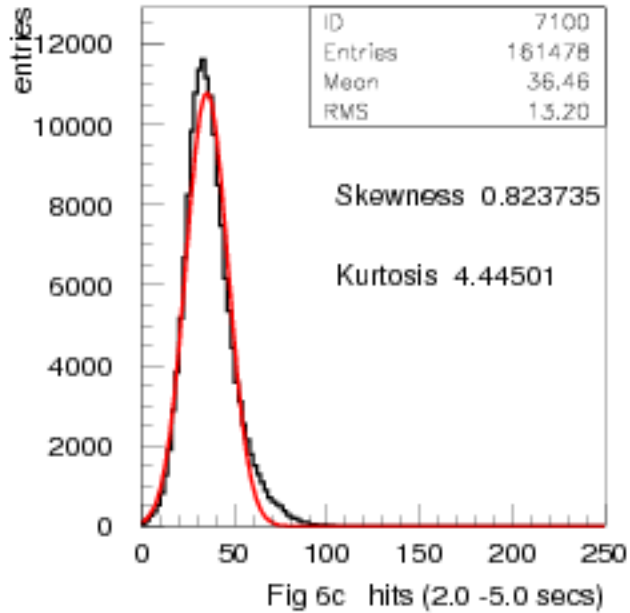
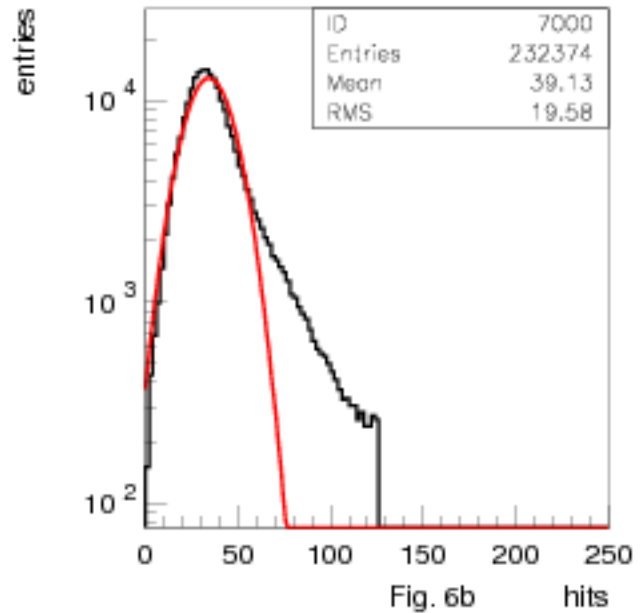
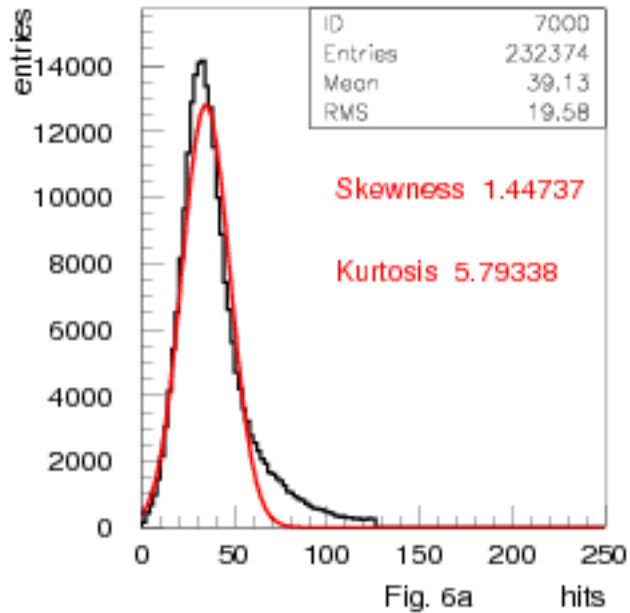
Fig. 1

trigger time modulo(923.99xxxx) (25 ns)

Spill - full range - 5 ms bins



Hits GTK(1)



Folded Spill Time vs Hits GTK(1)

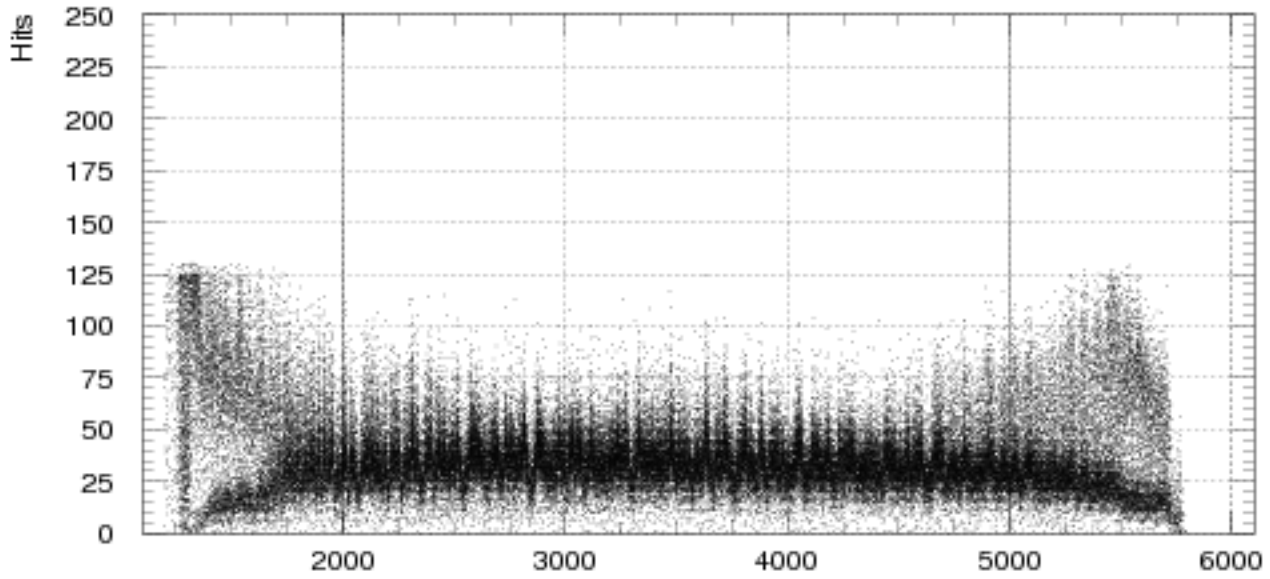


Fig. 7 Spill Time (ms)

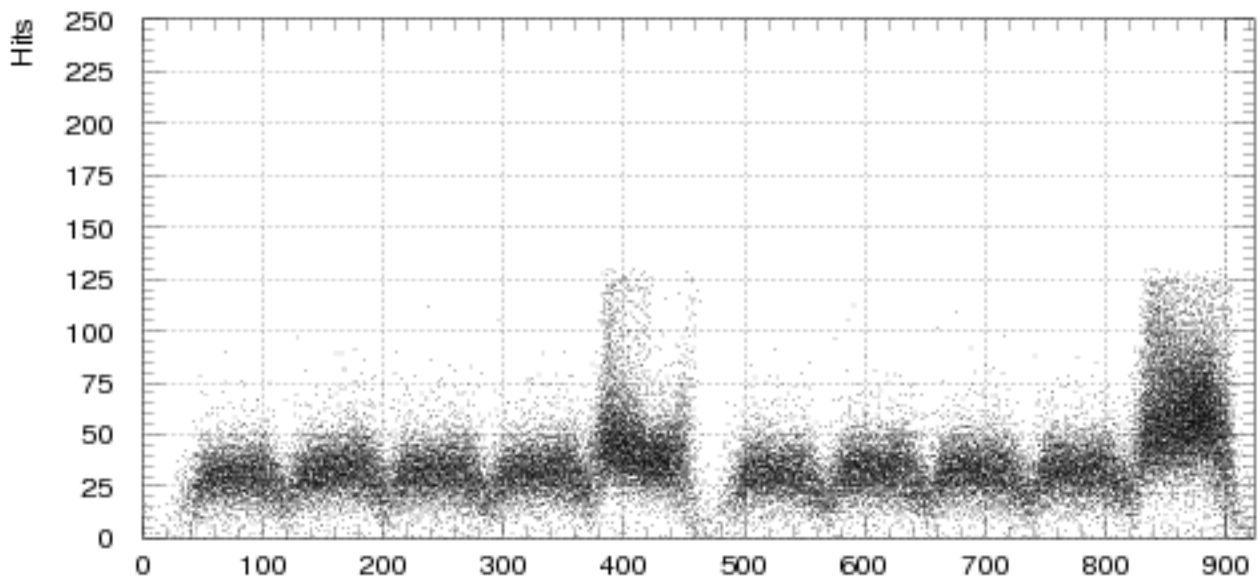


Fig. 8 Folded Spill Time (25 ns)

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

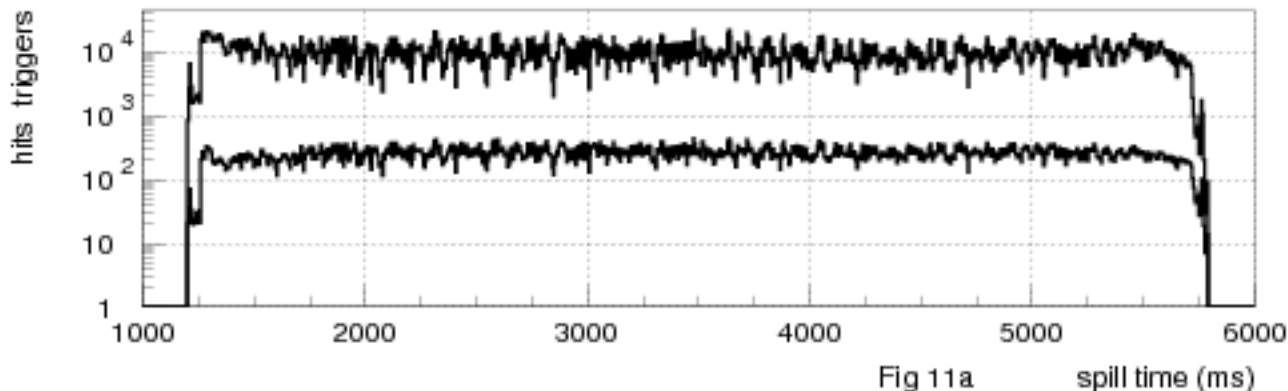


Fig 11a spill time (ms)

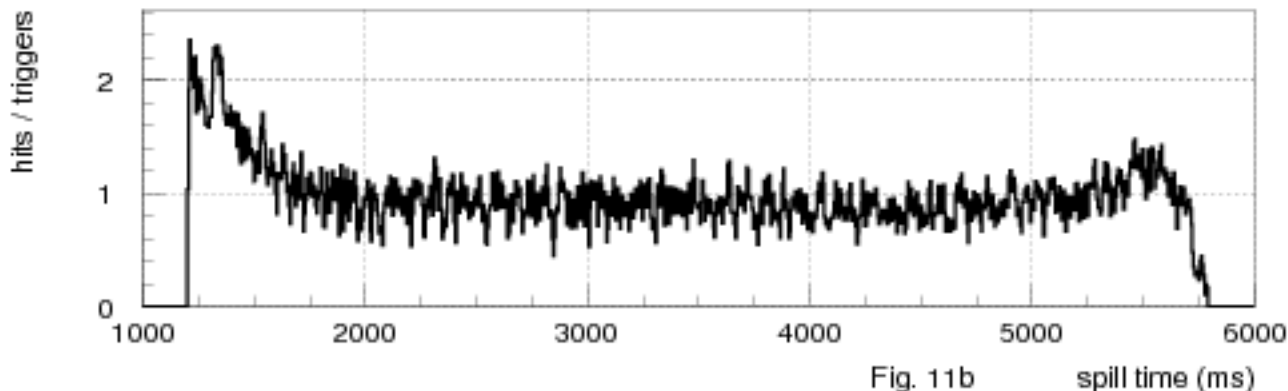


Fig. 11b spill time (ms)

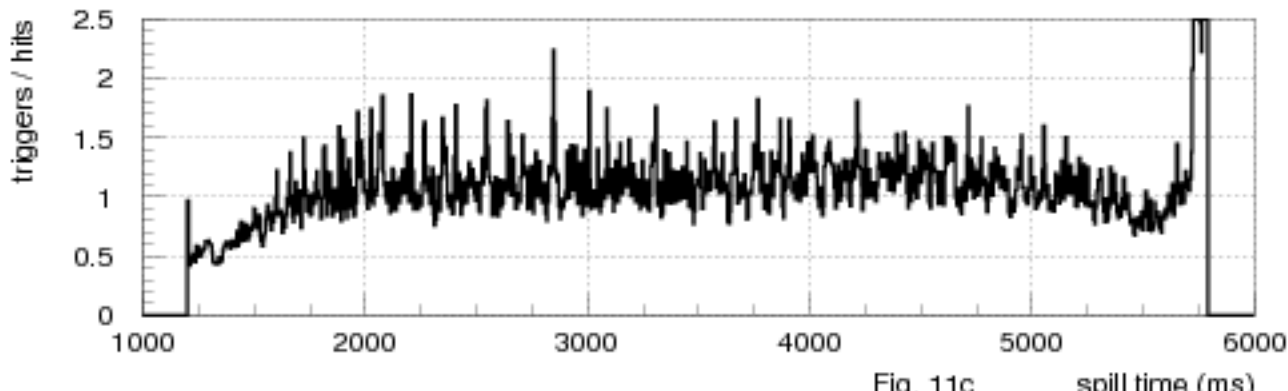


Fig. 11c spill time (ms)

corrected spill (2D spill cut 10, hit cut 125)

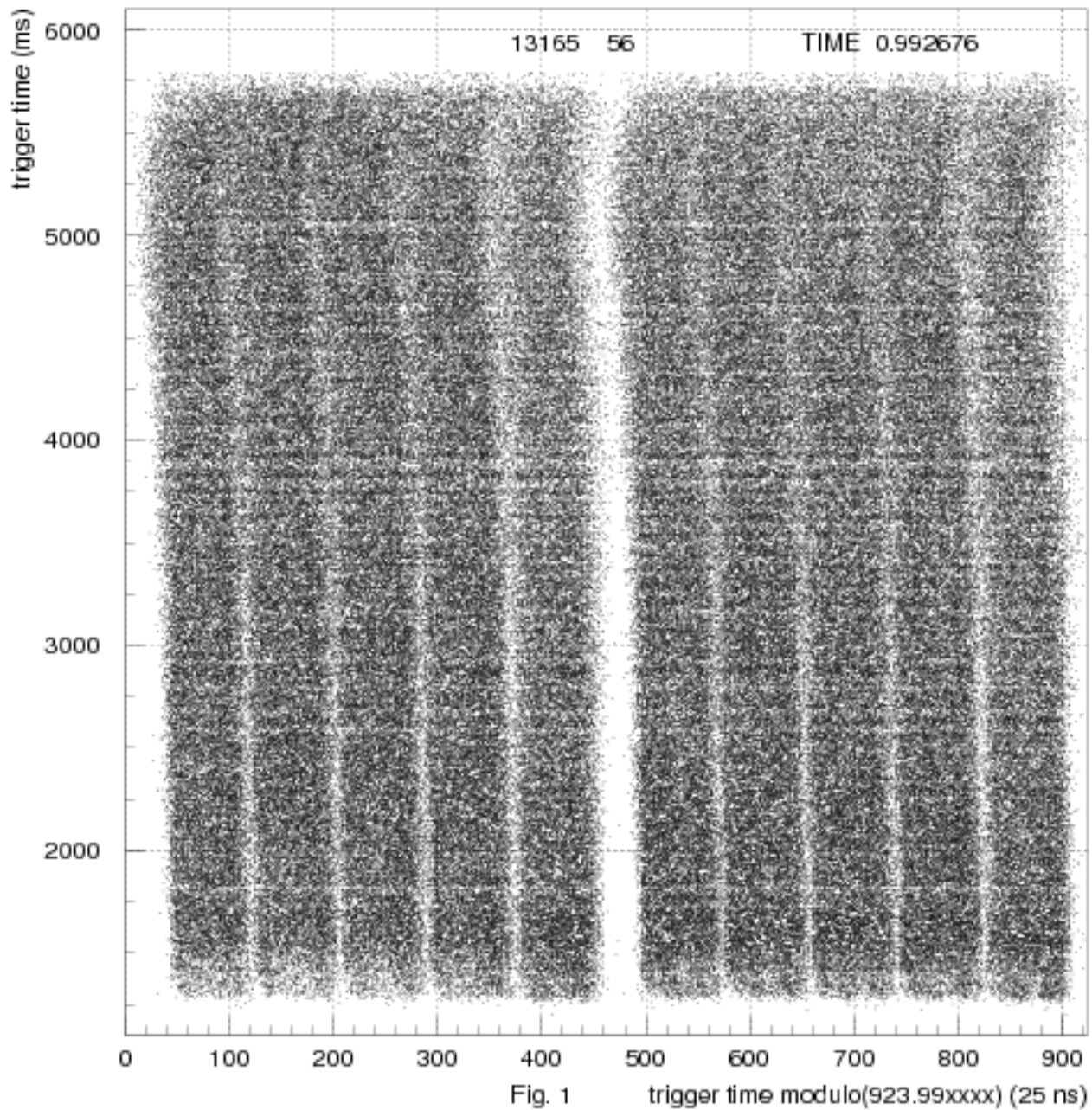
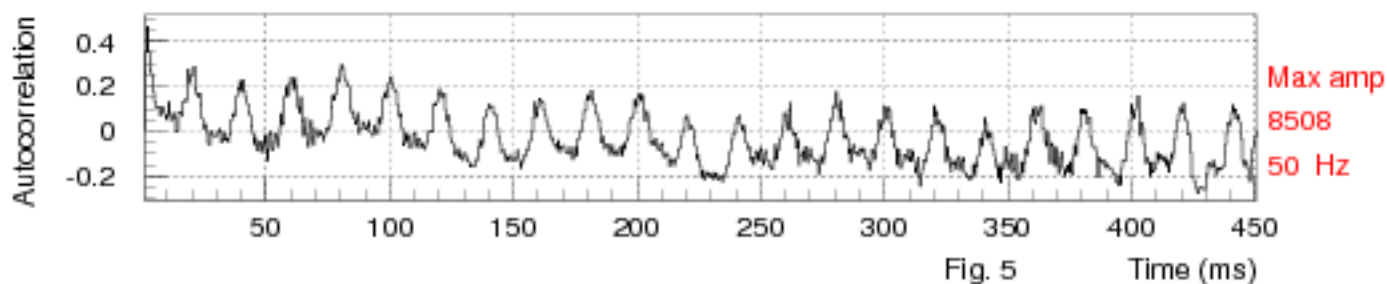
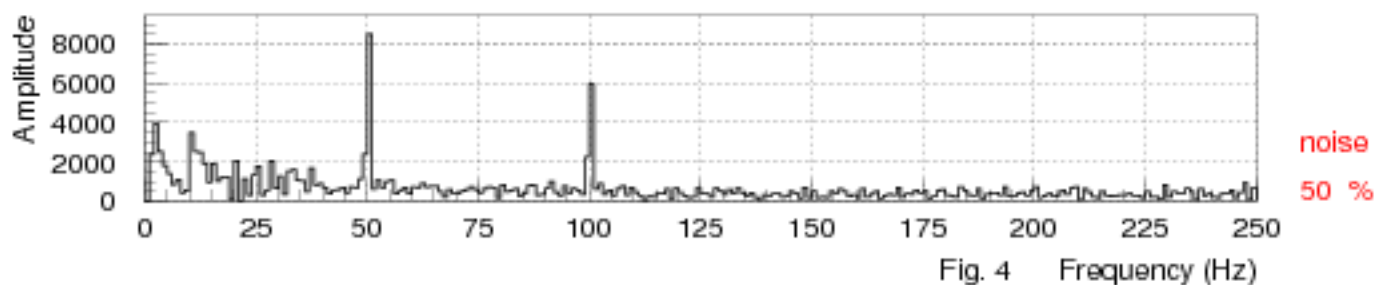
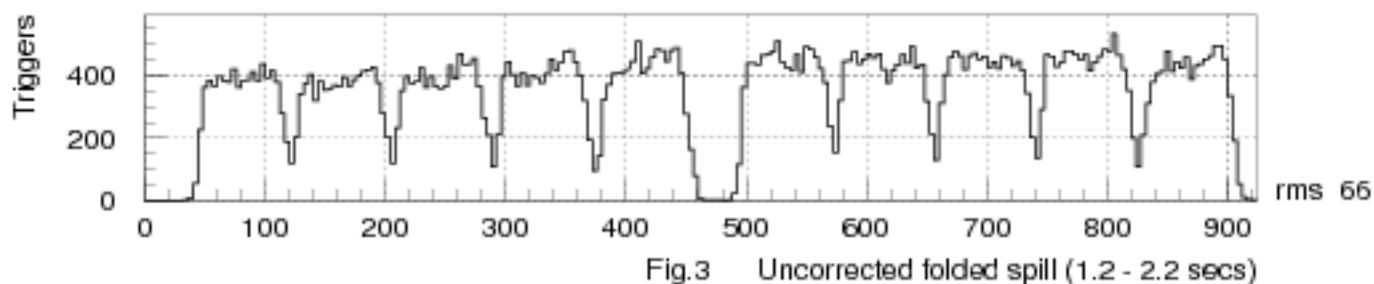
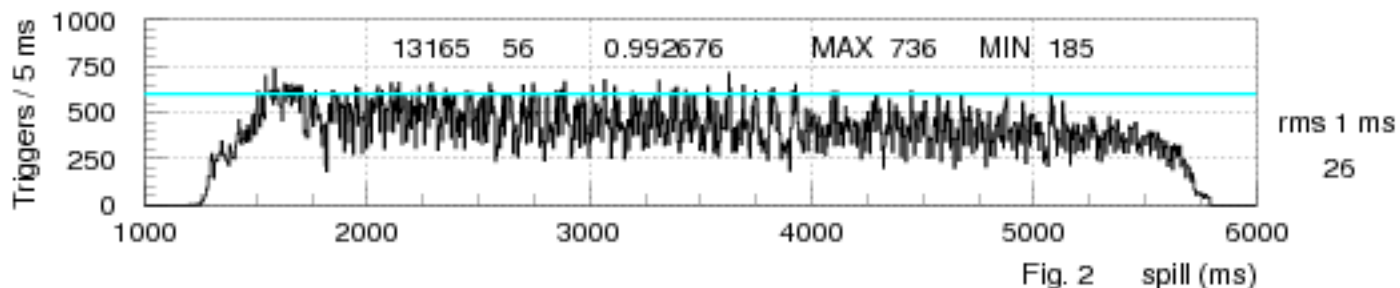


Fig. 1

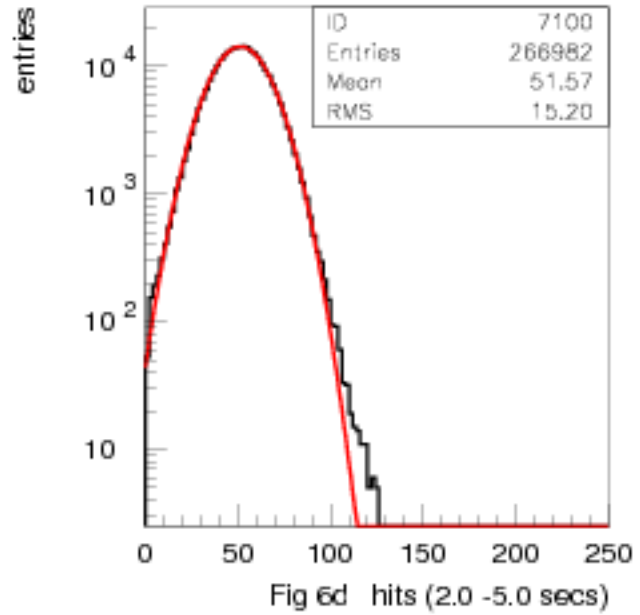
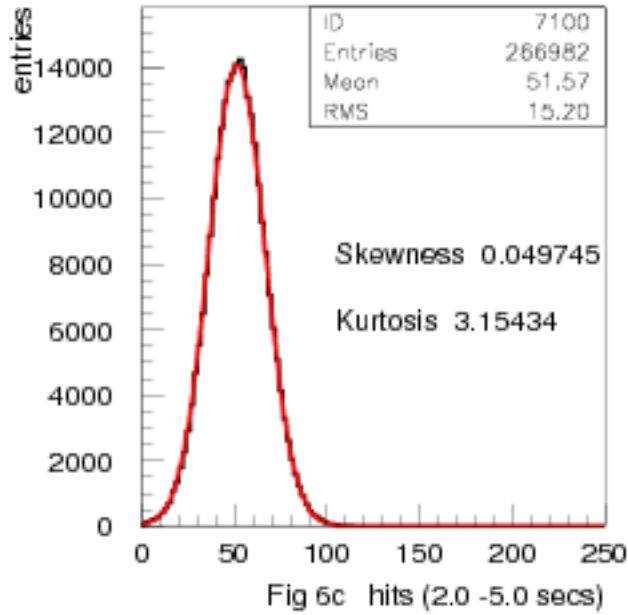
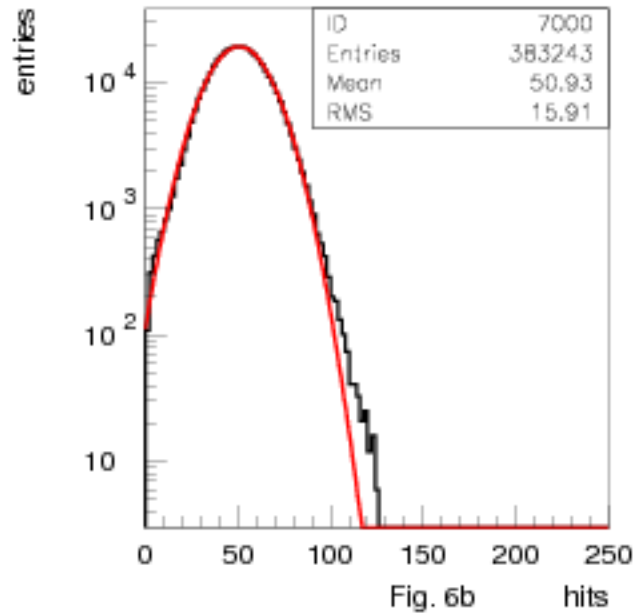
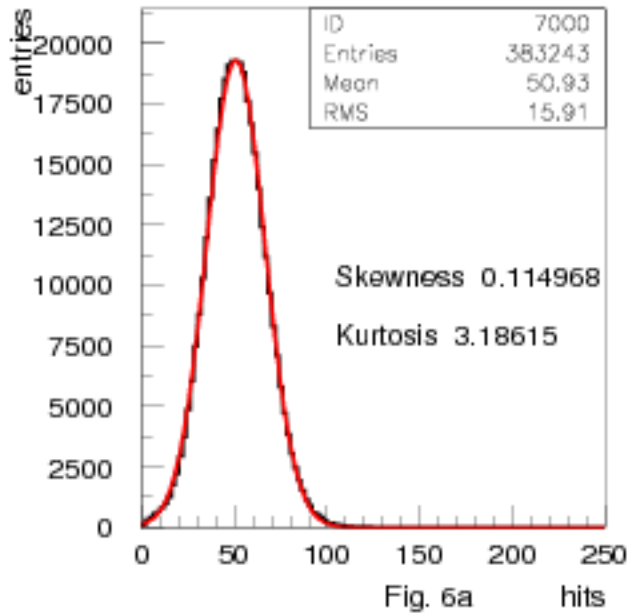
trigger time modulo(923.99xxxx) (25 ns)

Spill - full range - 5 ms bins





Hits GTK(1)



Folded Spill Time vs Hits GTK(1)

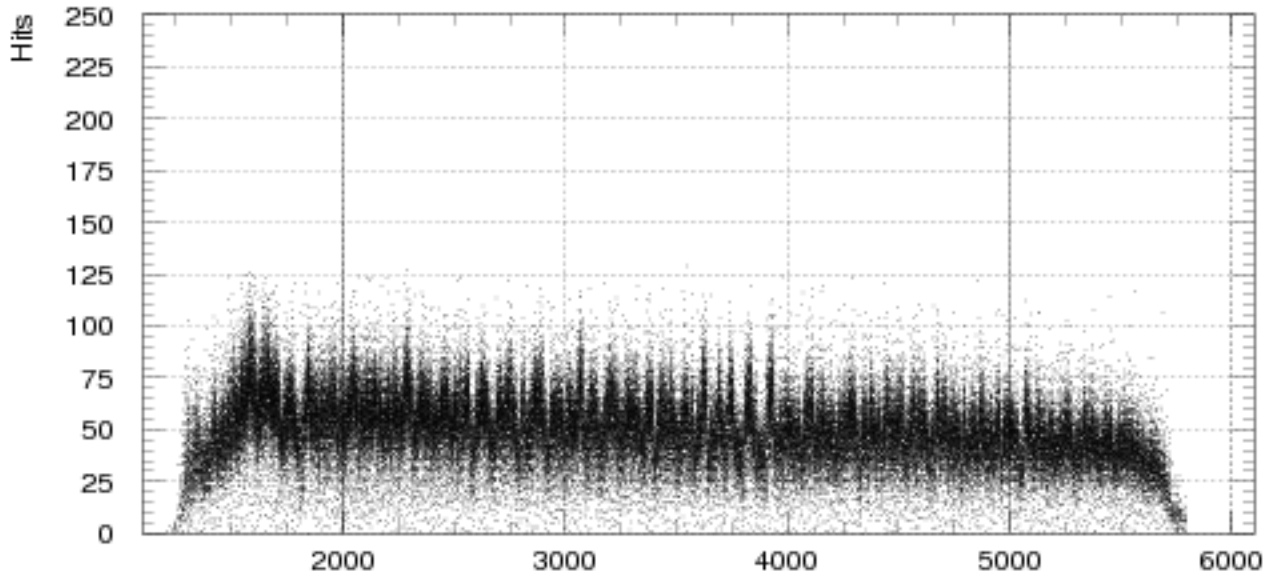


Fig. 7 Spill Time (ms)

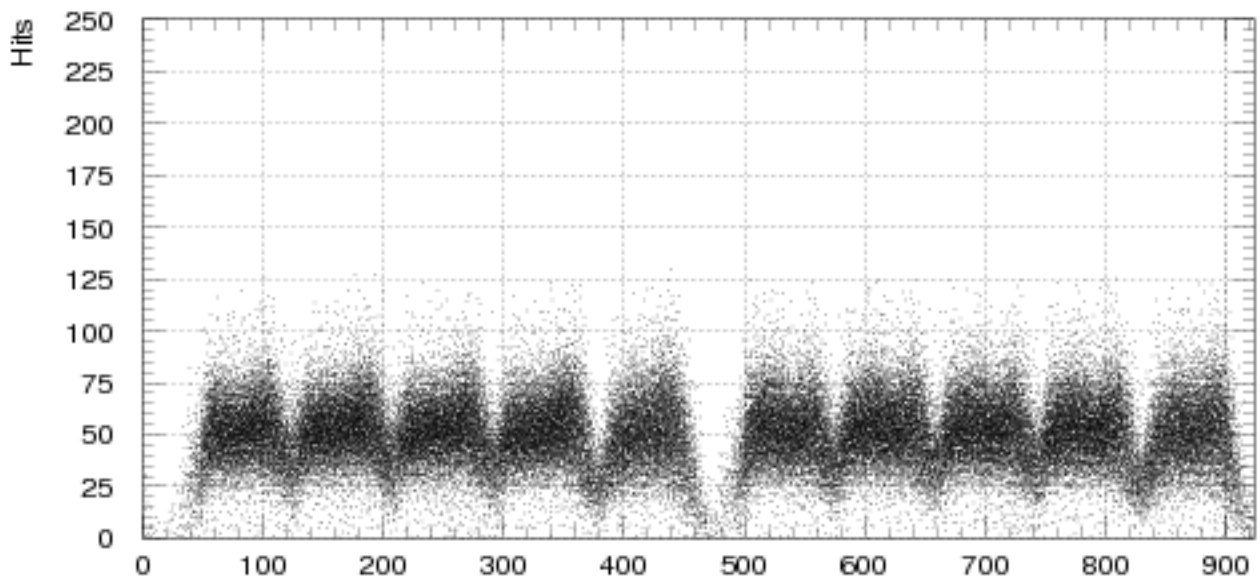


Fig. 8 Folded Spill Time (25 ns)

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

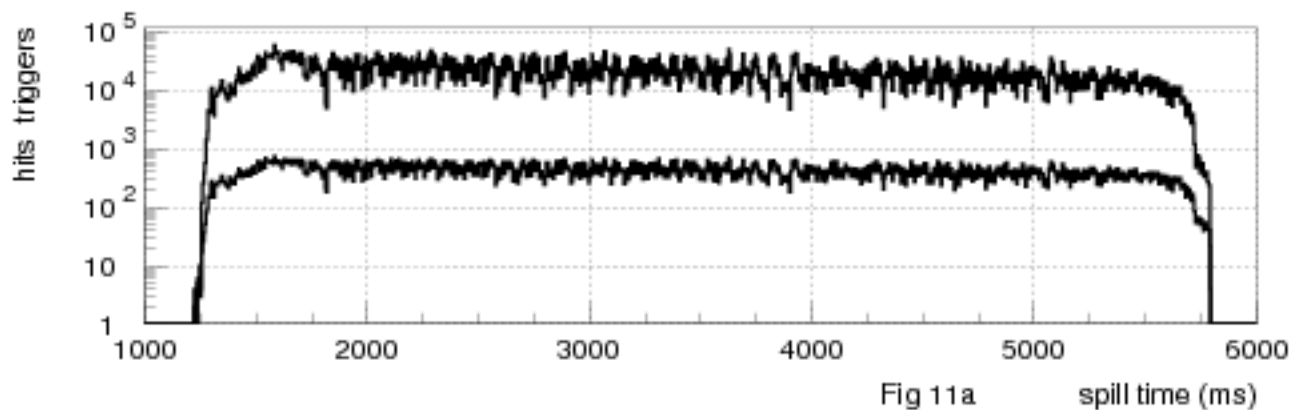


Fig 11a spill time (ms)

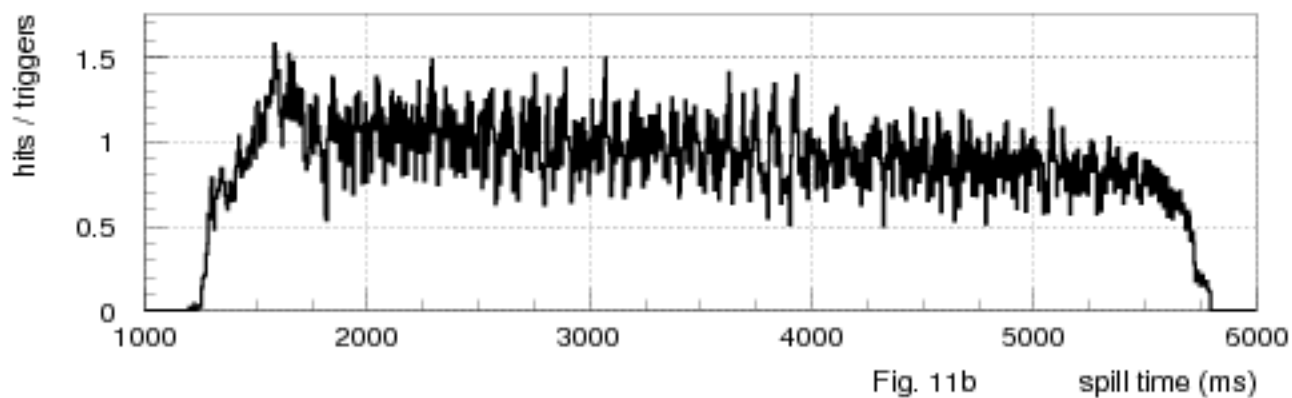


Fig. 11b spill time (ms)

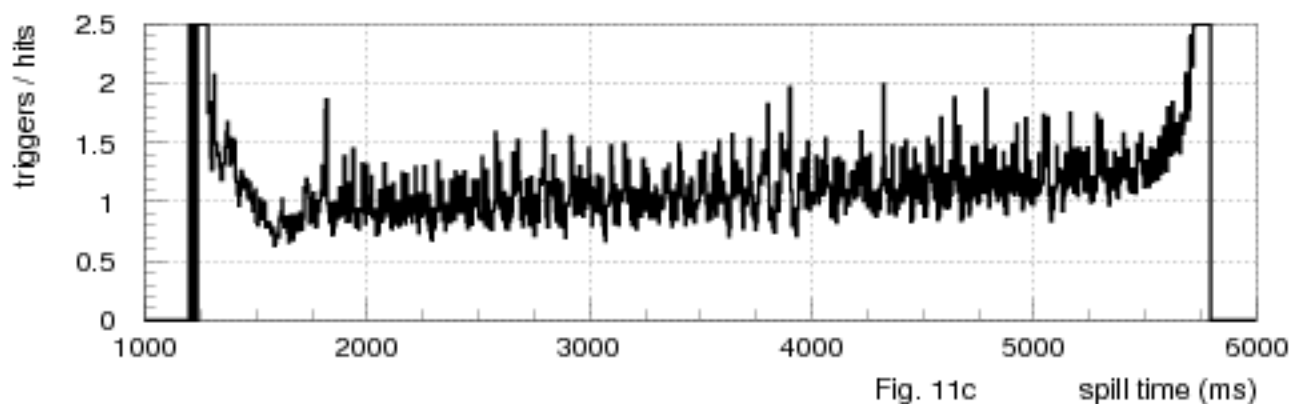


Fig. 11c spill time (ms)

corrected spill (2D spill cut 10, hit cut 125)

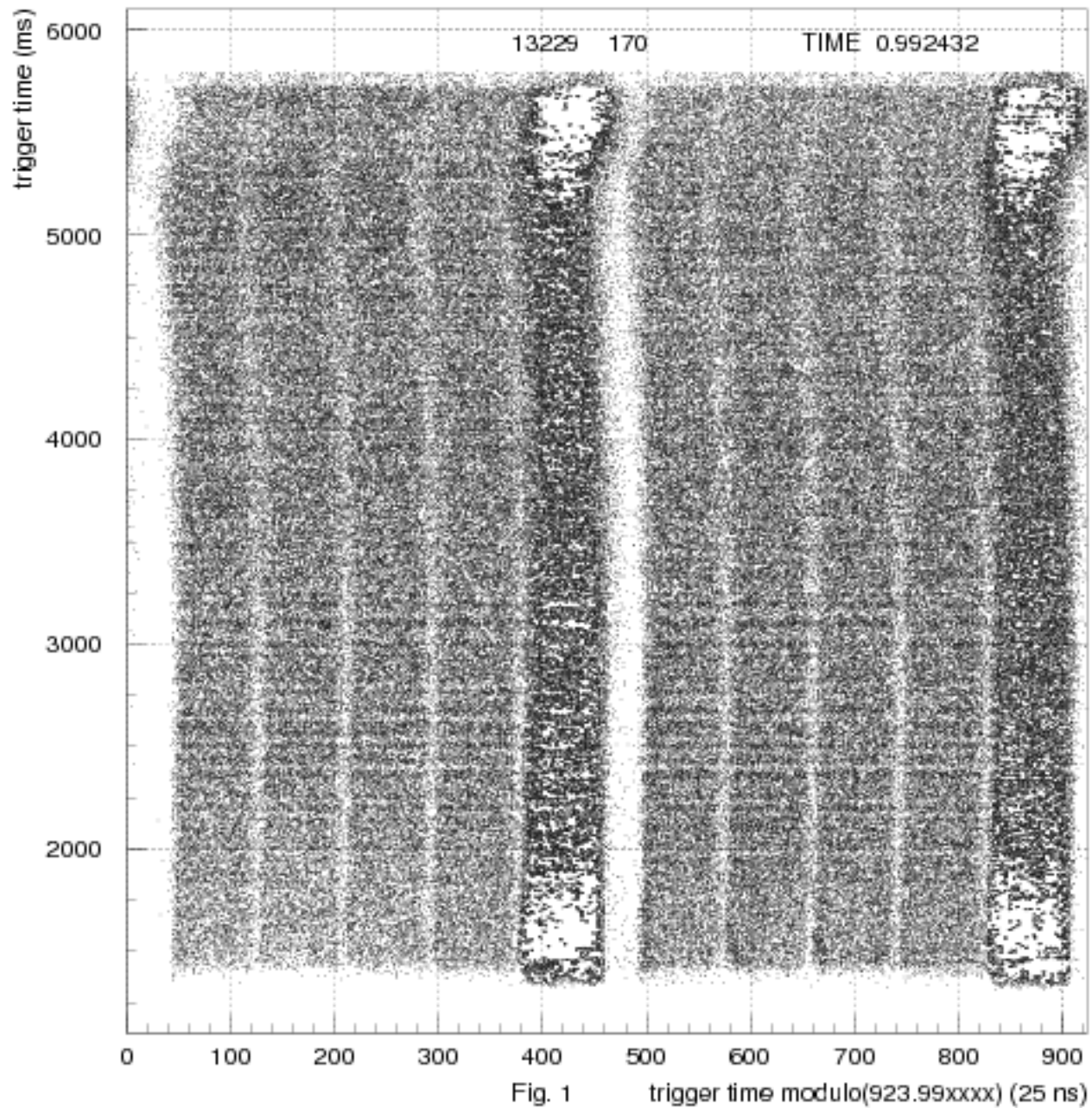
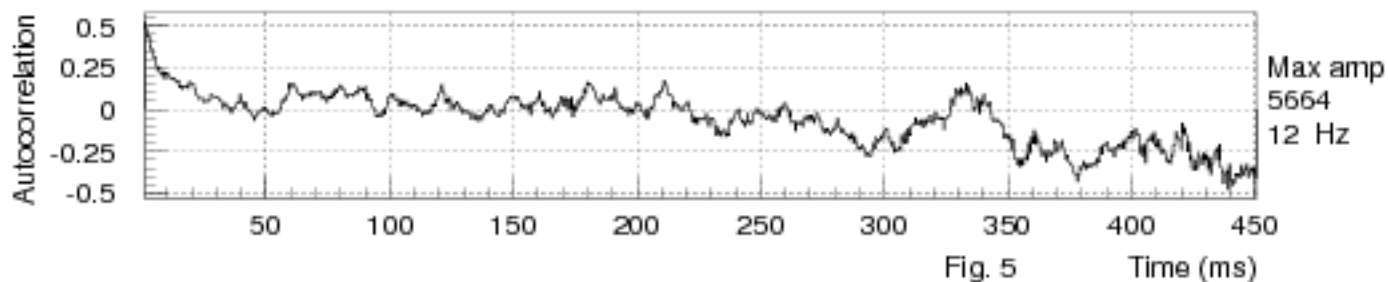
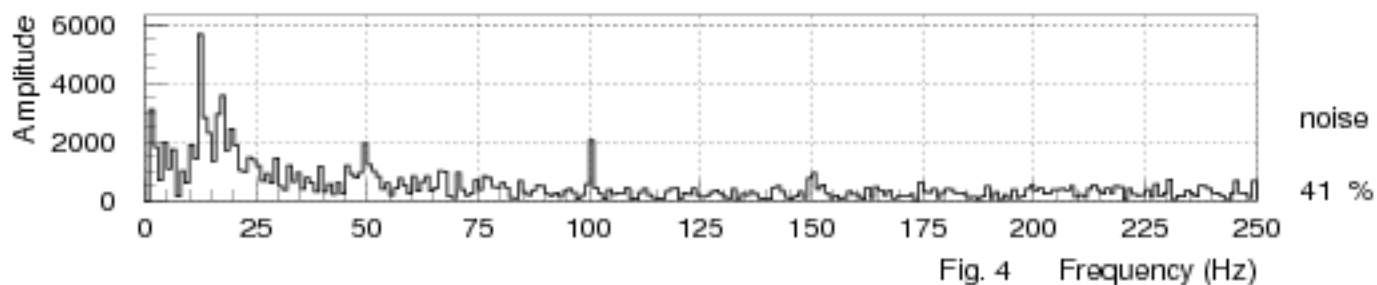
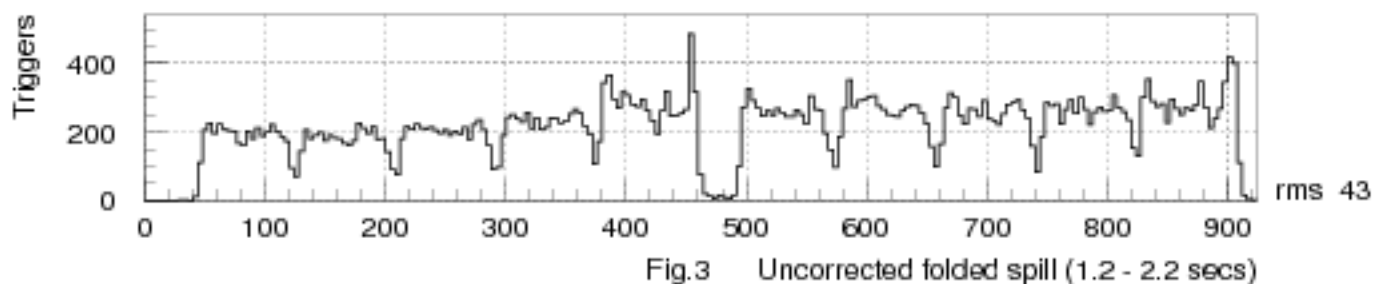
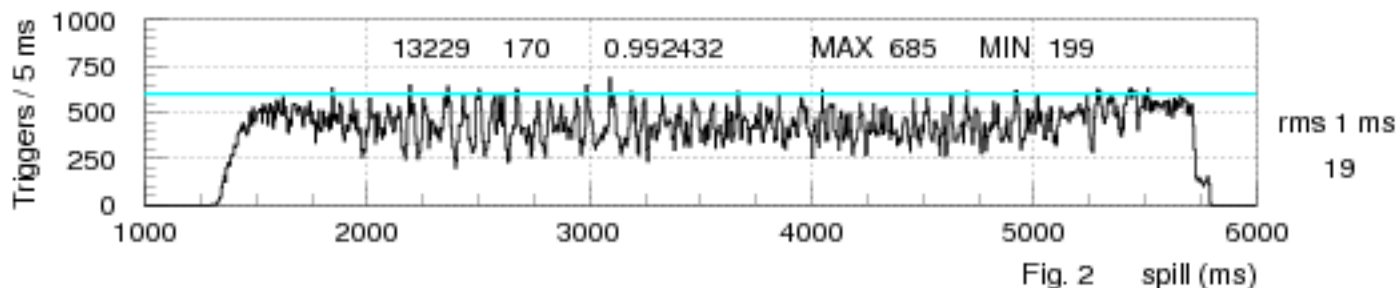


Fig. 1

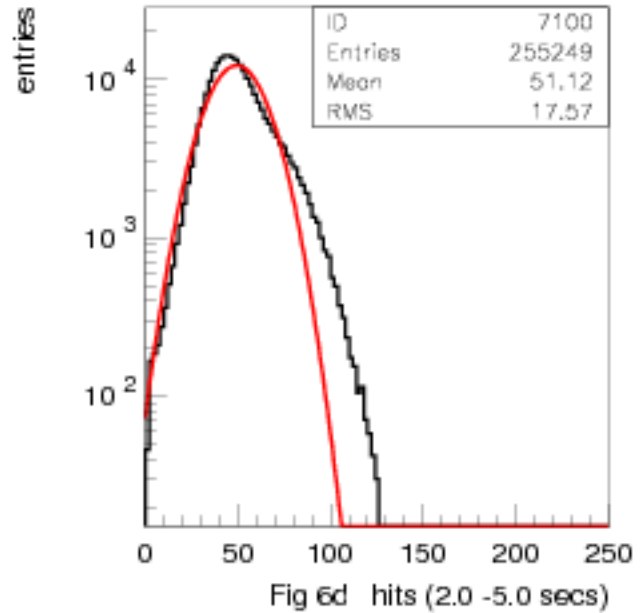
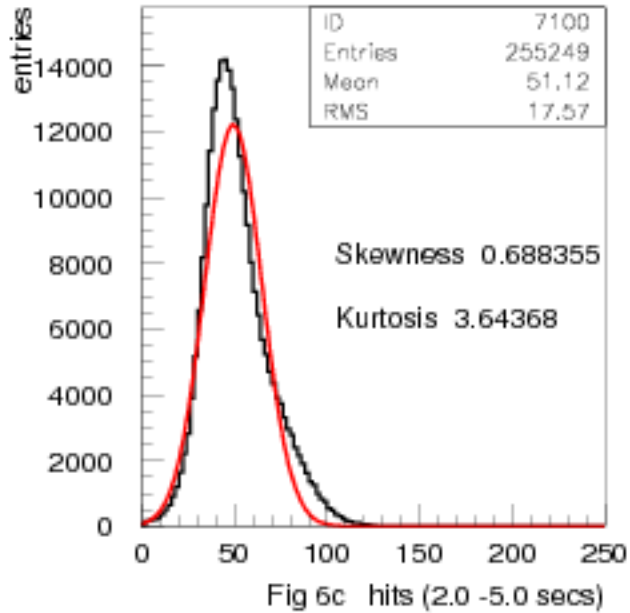
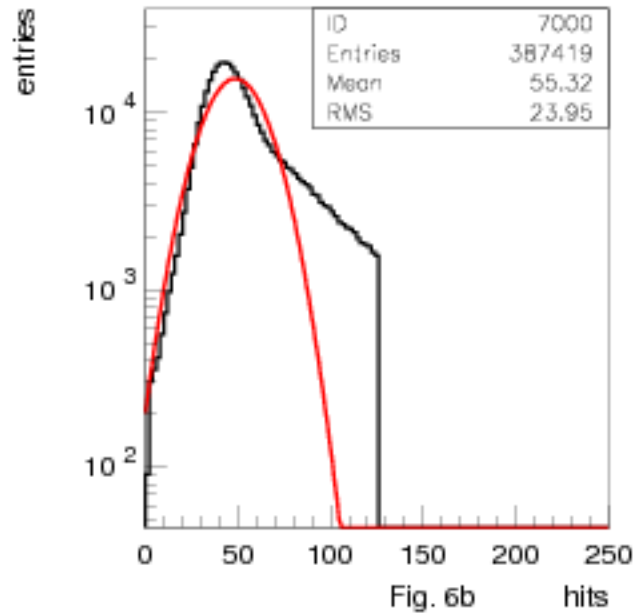
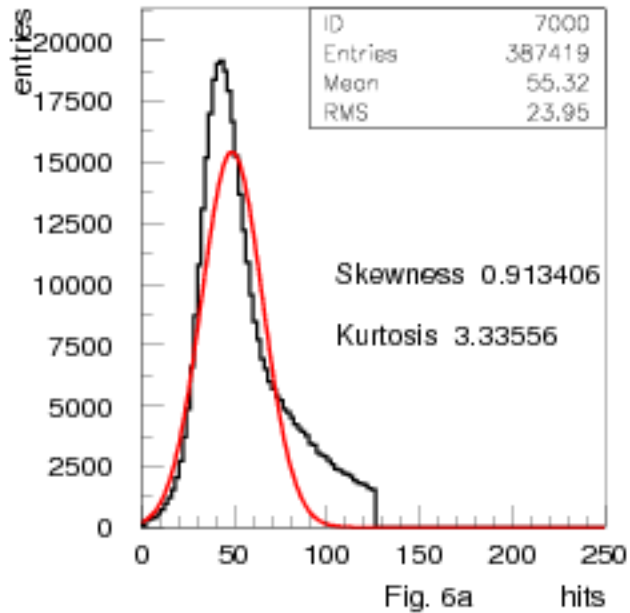
trigger time modulo(923.99xxxx) (25 ns)

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Spill - full range - 5 ms bins



Hits GTK(1)



Folded Spill Time vs Hits GTK(1)

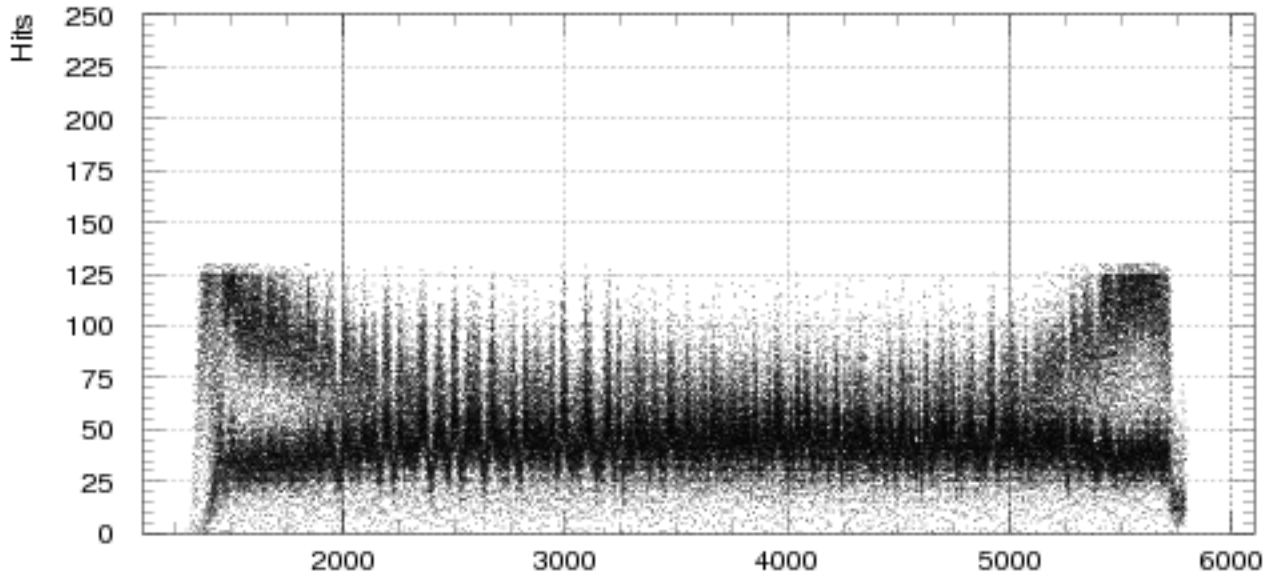


Fig. 7 Spill Time (ms)

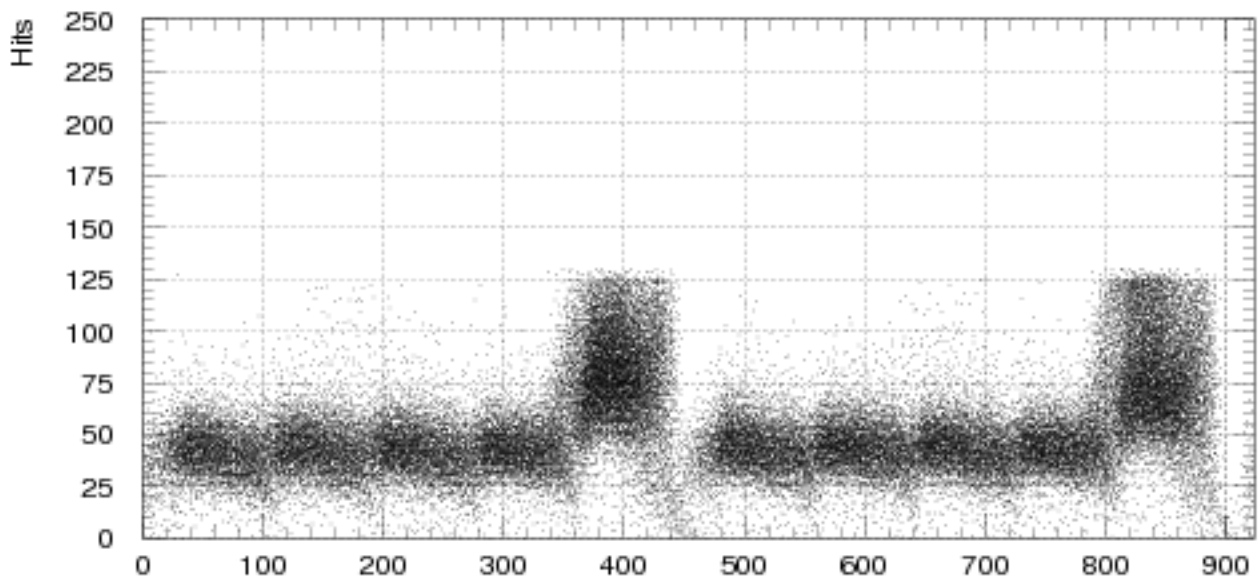


Fig. 8 Folded Spill Time (25 ns)

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

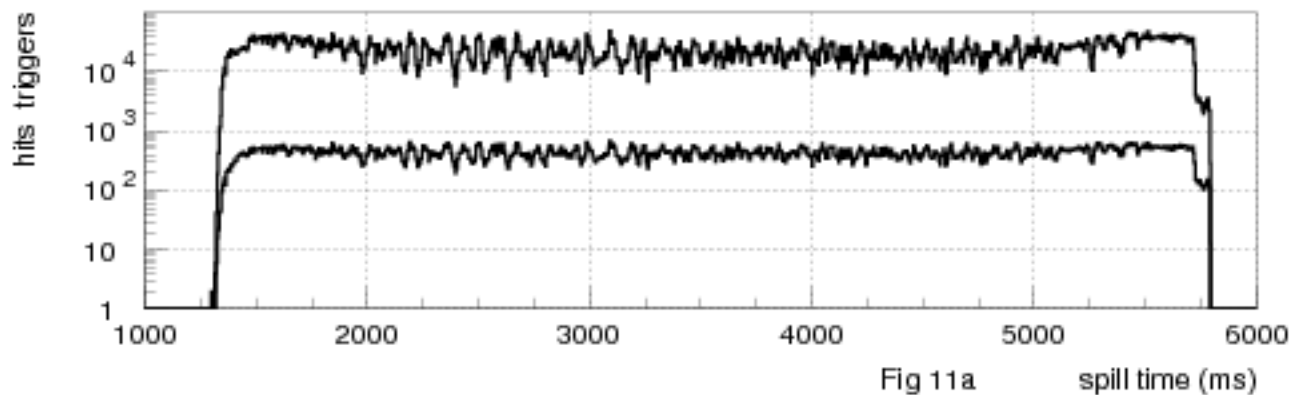


Fig 11a spill time (ms)

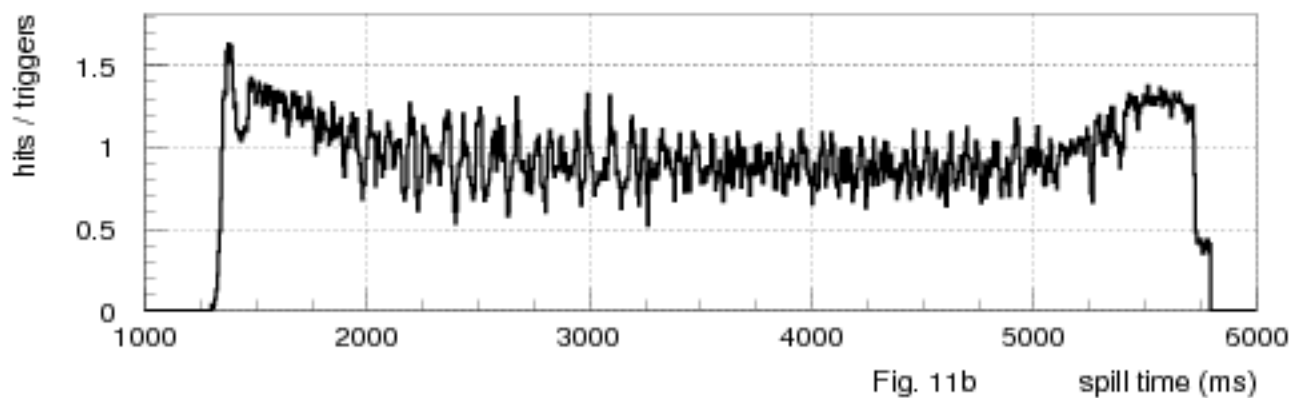


Fig. 11b spill time (ms)

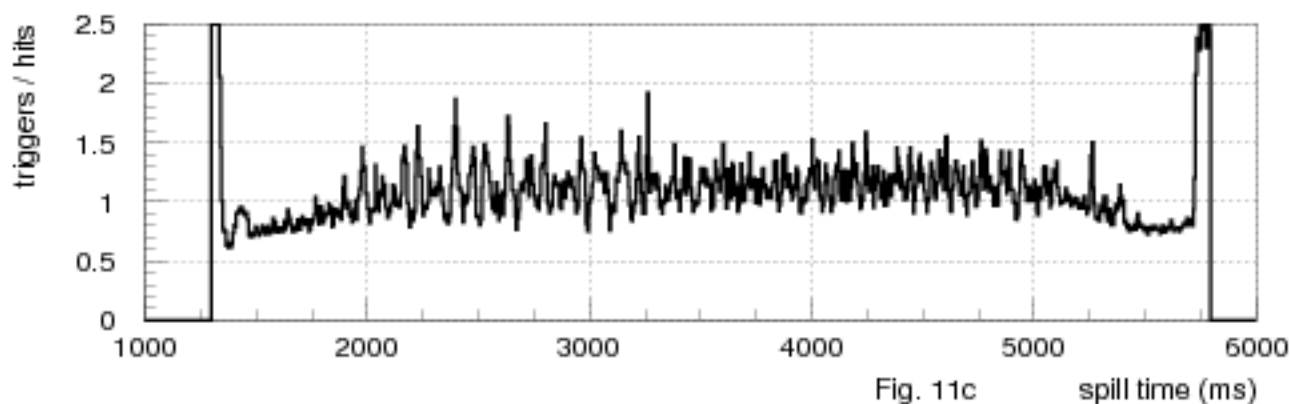


Fig. 11c spill time (ms)