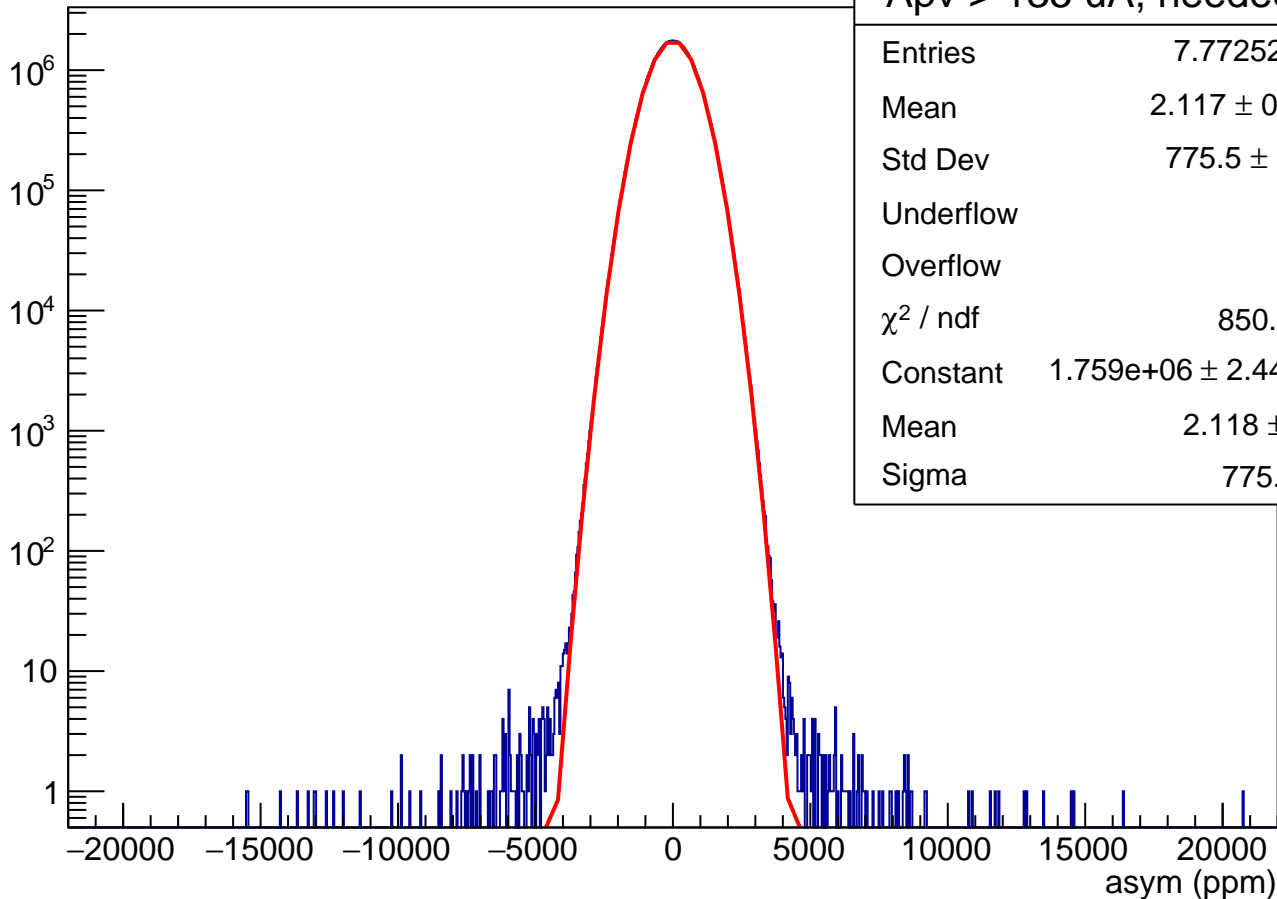


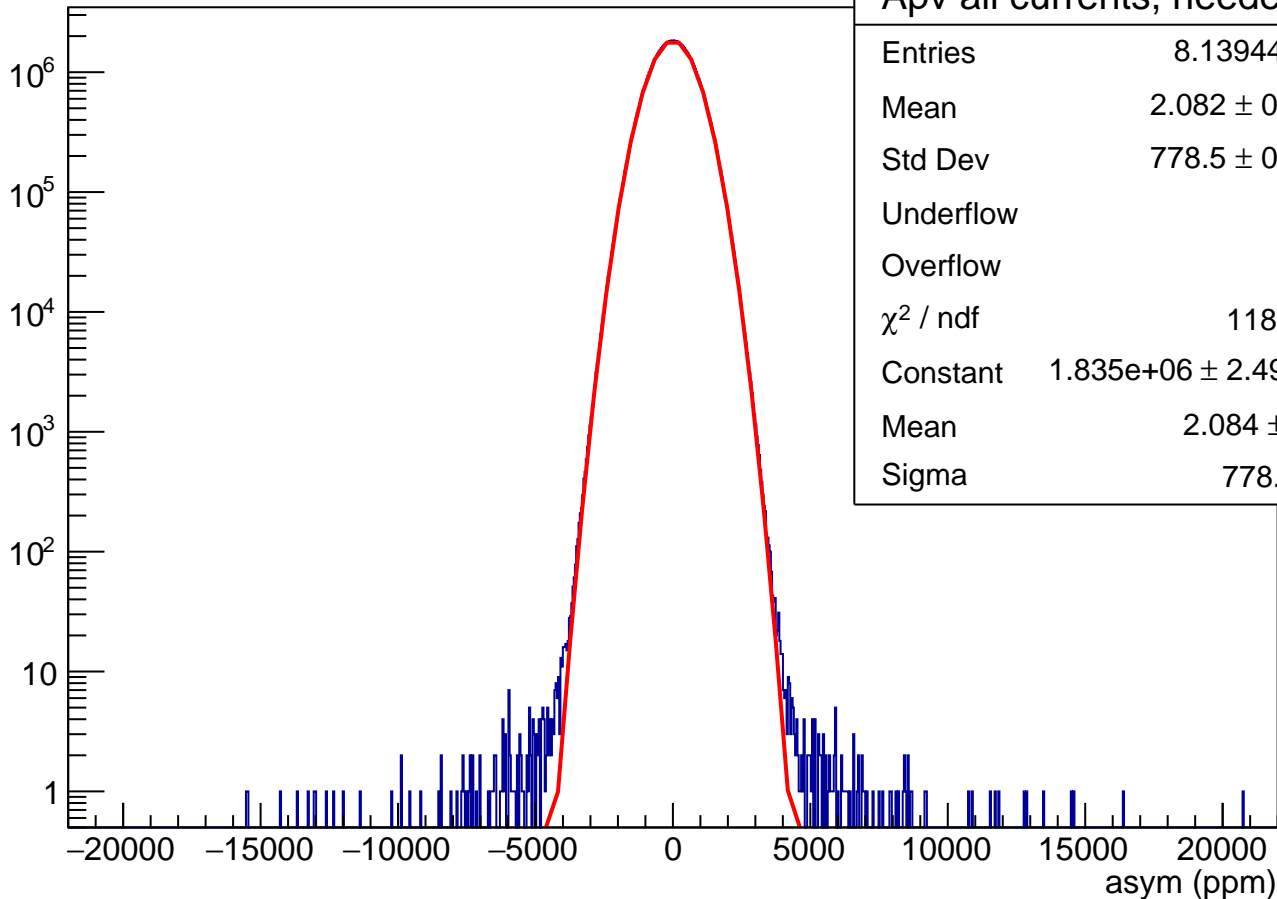
# Apv, > 135 uA cut out, needed miniruns cut



Apv > 135 uA, needed cut

Entries	7.772521e+07
Mean	2.117 ± 0.08796
Std Dev	775.5 ± 0.0622
Underflow	0
Overflow	0
$\chi^2 / \text{ndf}$	850.2 / 333
Constant	1.759e+06 ± 2.448e+02
Mean	2.118 ± 0.088
Sigma	775.4 ± 0.1

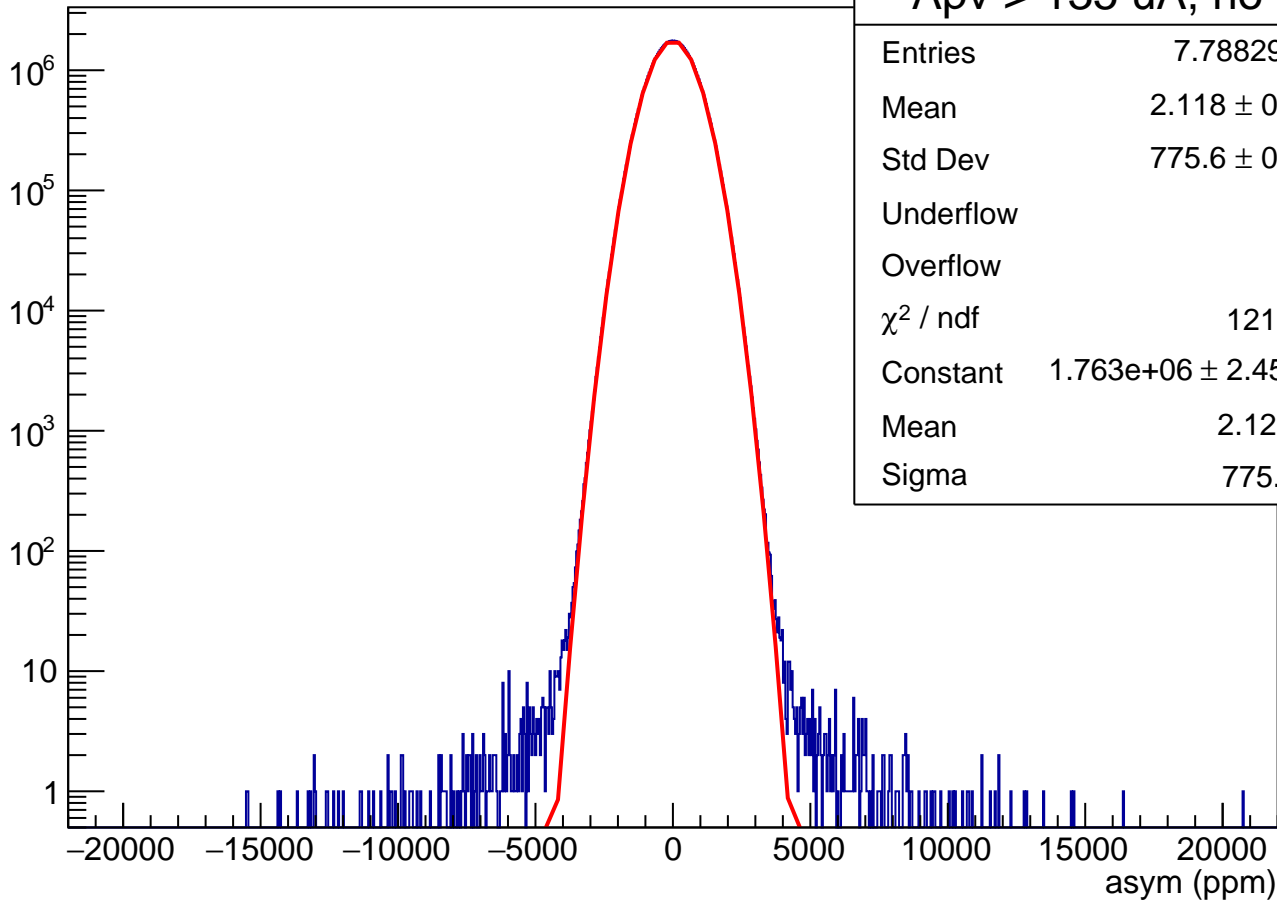
# Apv, all currents, needed miniruns cut



## Apv all currents, needed cut

Entries	8.139442e+07
Mean	2.082 ± 0.08629
Std Dev	778.5 ± 0.06102
Underflow	0
Overflow	0
$\chi^2 / \text{ndf}$	1180 / 334
Constant	1.835e+06 ± 2.497e+02
Mean	2.084 ± 0.086
Sigma	778.4 ± 0.1

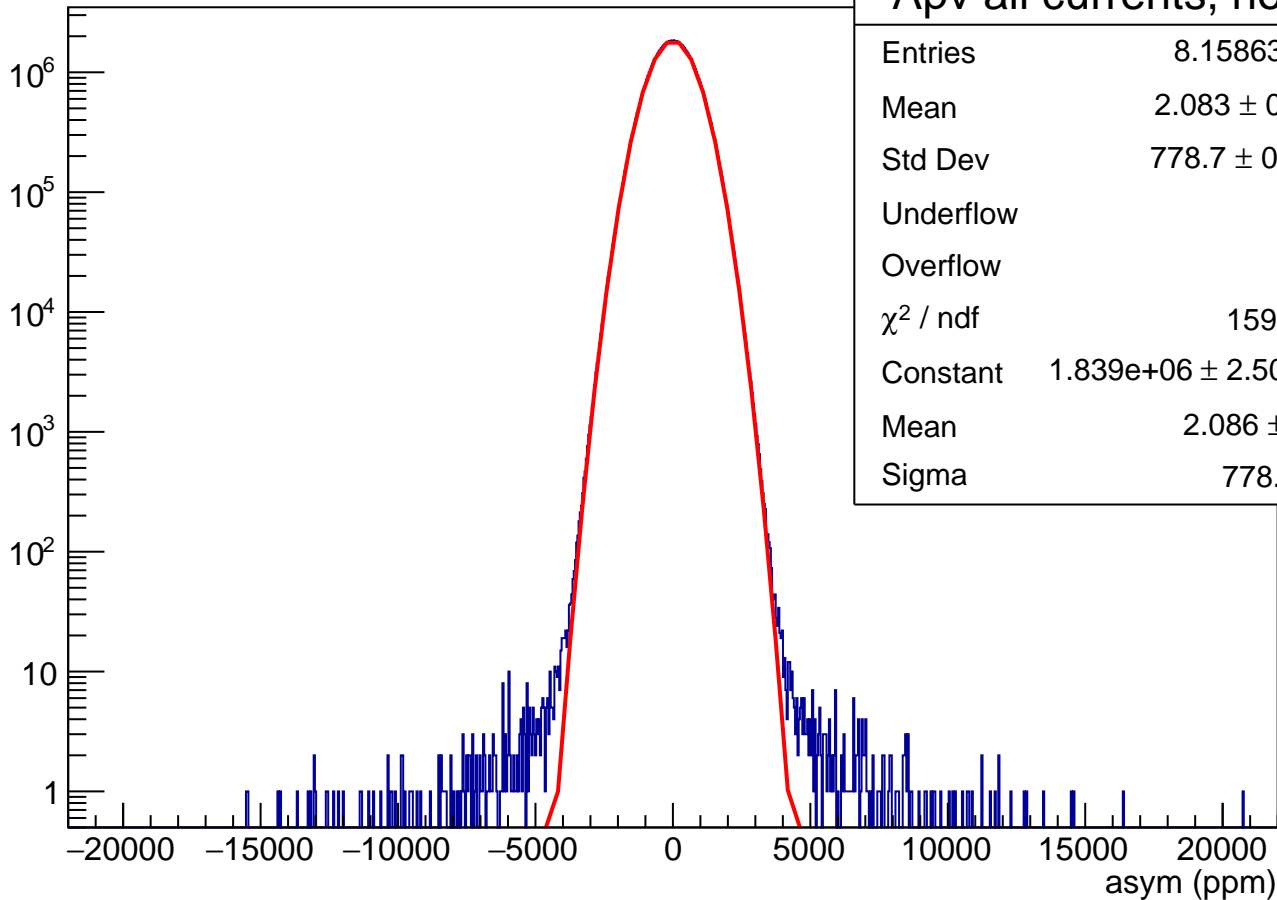
# Apv, > 135 uA cut out, no miniruns cut



## Apv > 135 uA, no cut

Entries	7.788292e+07
Mean	2.118 ± 0.08789
Std Dev	775.6 ± 0.06215
Underflow	0
Overflow	0
$\chi^2 / \text{ndf}$	1219 / 407
Constant	1.763e+06 ± 2.451e+02
Mean	2.12 ± 0.09
Sigma	775.5 ± 0.1

# Apv, all currents, no miniruns cut



## Apv all currents, no cut

Entries	8.158638e+07
Mean	2.083 ± 0.08621
Std Dev	778.7 ± 0.06096
Underflow	0
Overflow	0
$\chi^2 / \text{ndf}$	1591 / 407
Constant	1.839e+06 ± 2.500e+02
Mean	2.086 ± 0.086
Sigma	778.5 ± 0.1