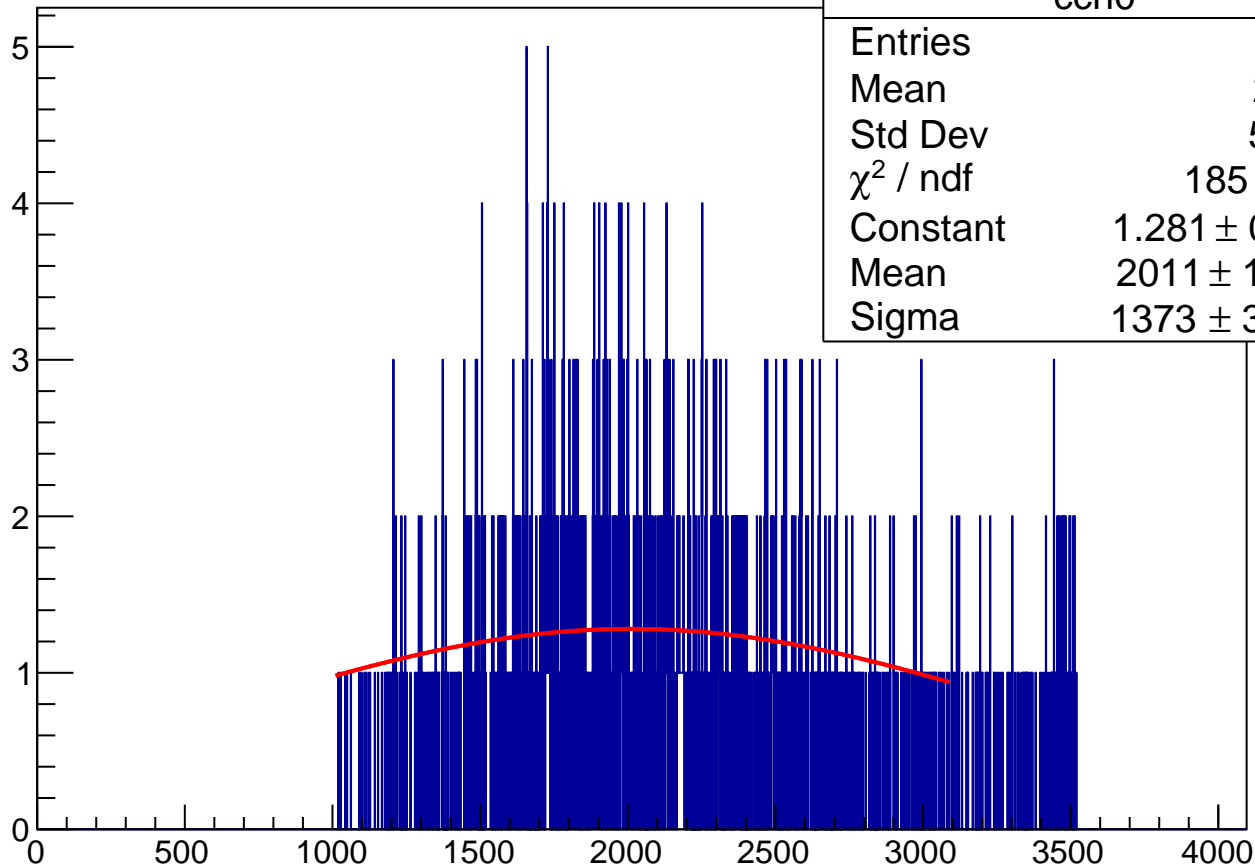
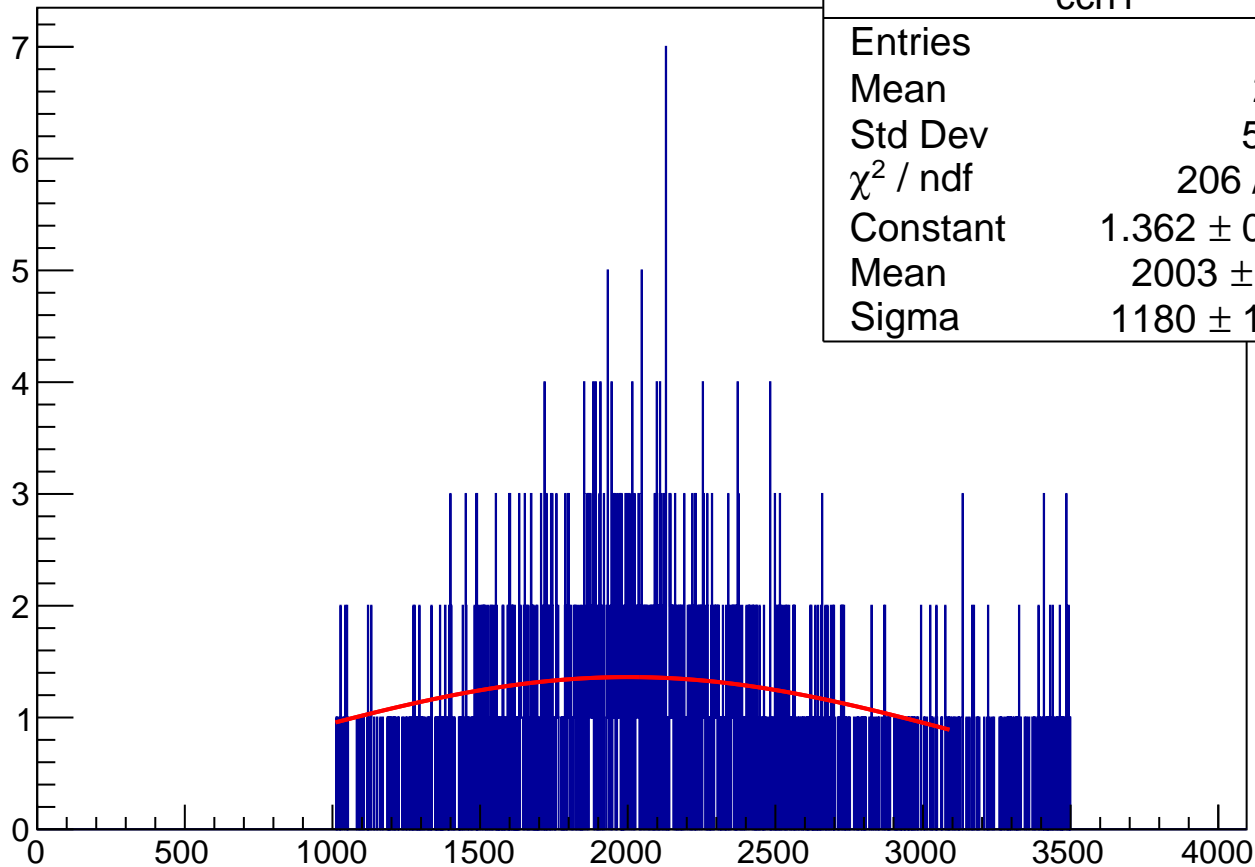


cch0



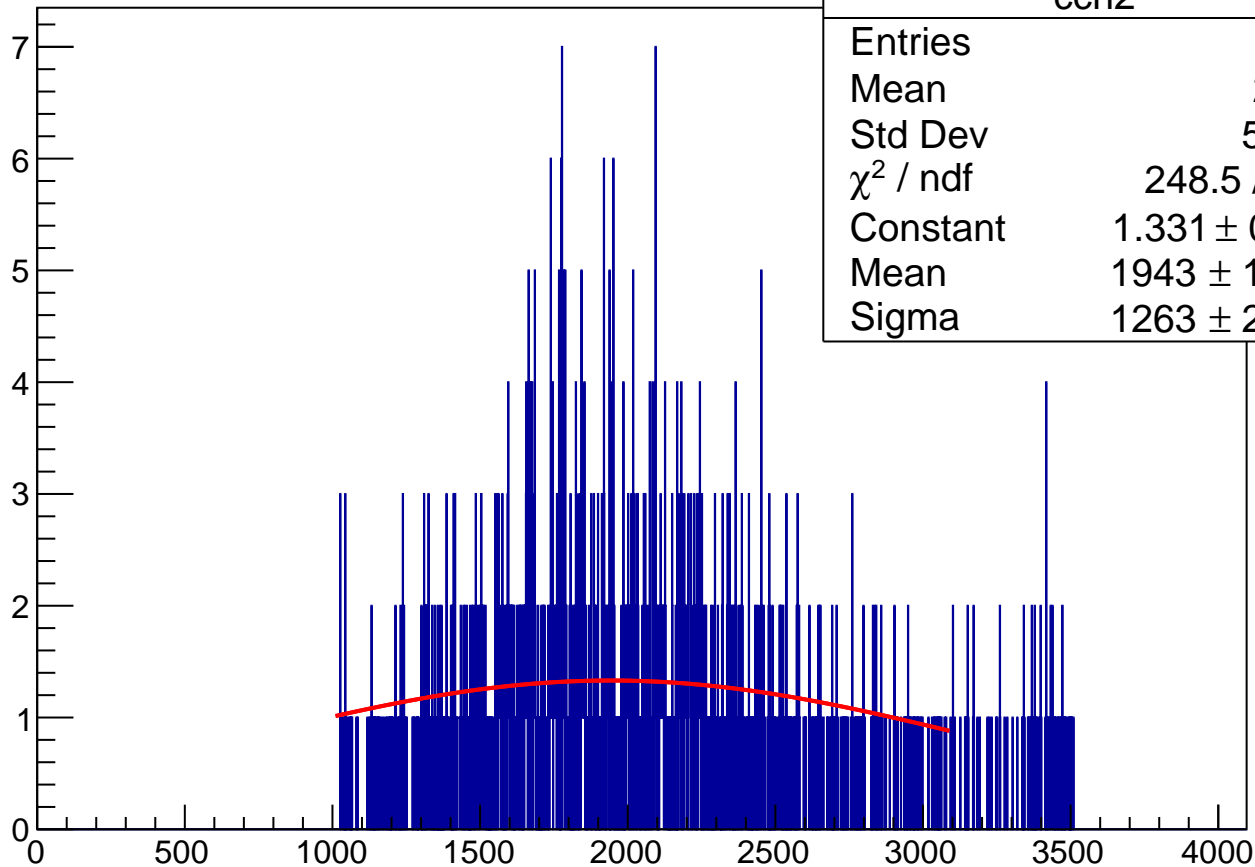
cch0	
Entries	1425
Mean	2165
Std Dev	572.1
χ^2 / nfd	185 / 921
Constant	1.281 ± 0.051
Mean	2011 ± 123.9
Sigma	1373 ± 314.2

cch1



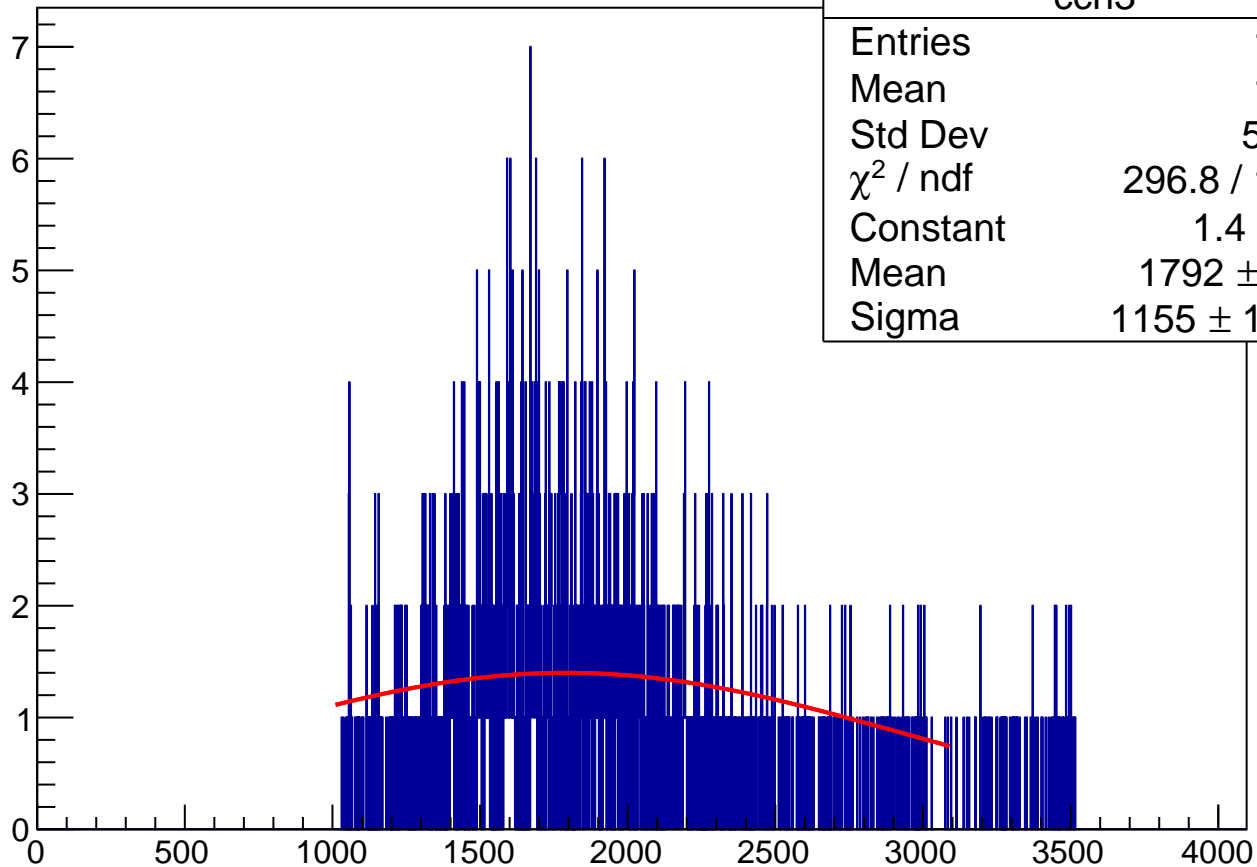
cch1	
Entries	1548
Mean	2152
Std Dev	558.8
χ^2 / ndf	206 / 967
Constant	1.362 ± 0.052
Mean	2003 ± 87.0
Sigma	1180 ± 192.4

cch2



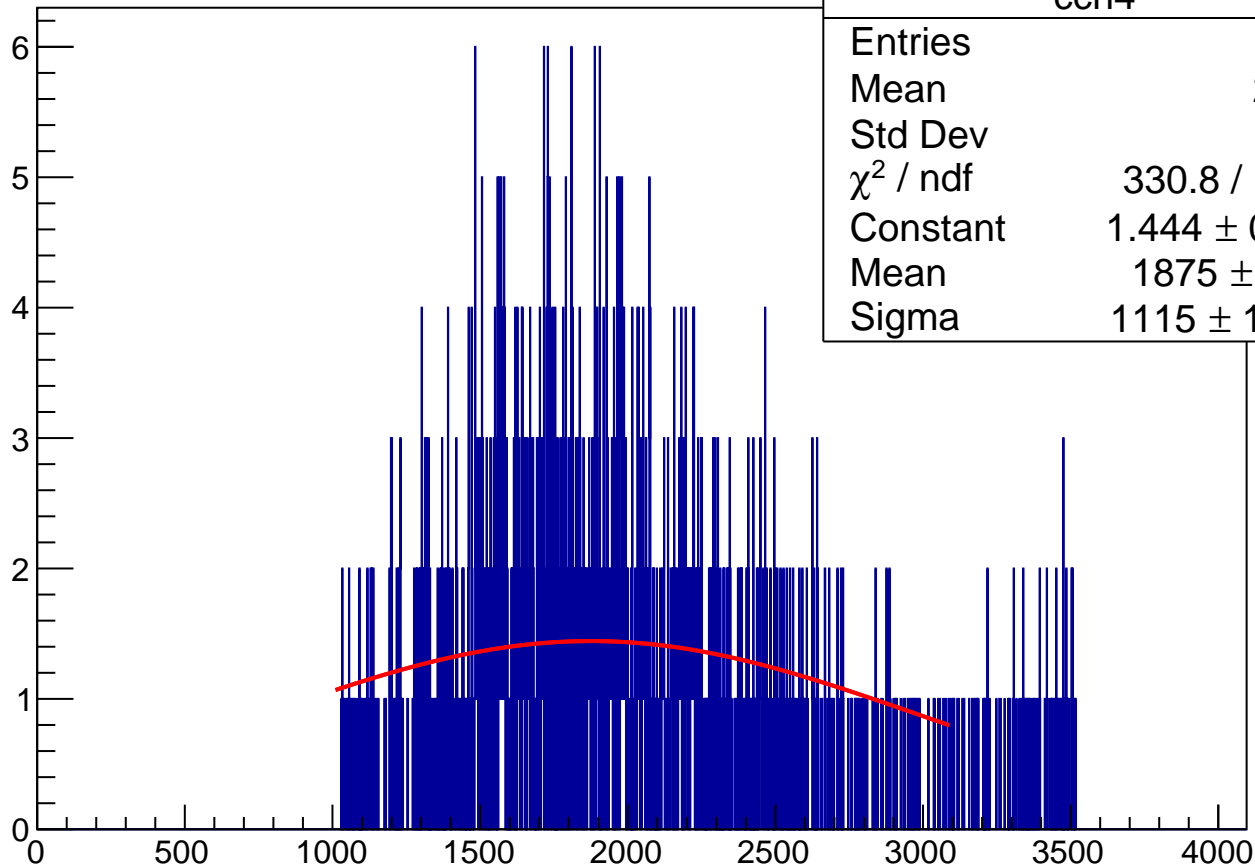
cch2	
Entries	1539
Mean	2048
Std Dev	548.7
χ^2 / ndf	248.5 / 963
Constant	1.331 ± 0.051
Mean	1943 ± 102.2
Sigma	1263 ± 240.0

cch3



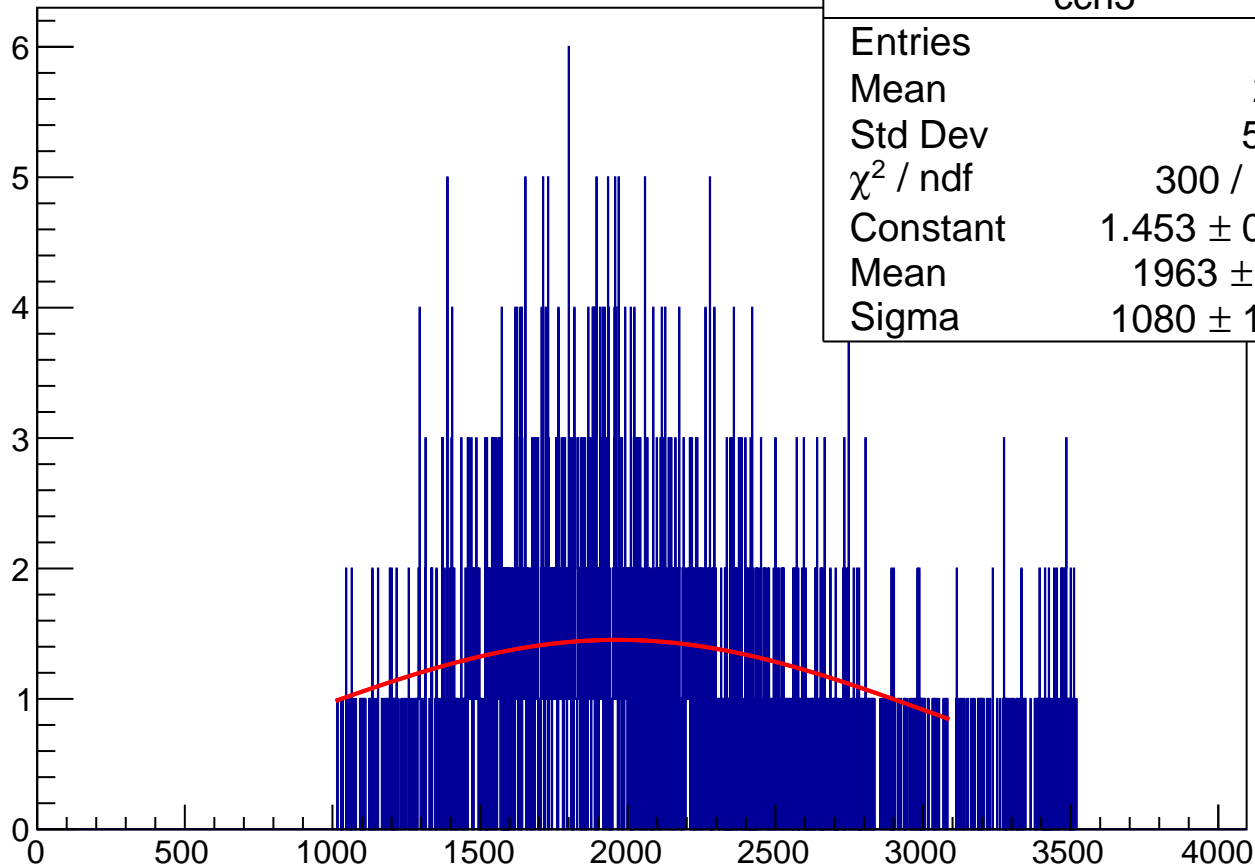
cch3	
Entries	1682
Mean	1926
Std Dev	532.3
χ^2 / ndf	296.8 / 1012
Constant	1.4 ± 0.1
Mean	1792 ± 91.1
Sigma	1155 ± 188.5

cch4



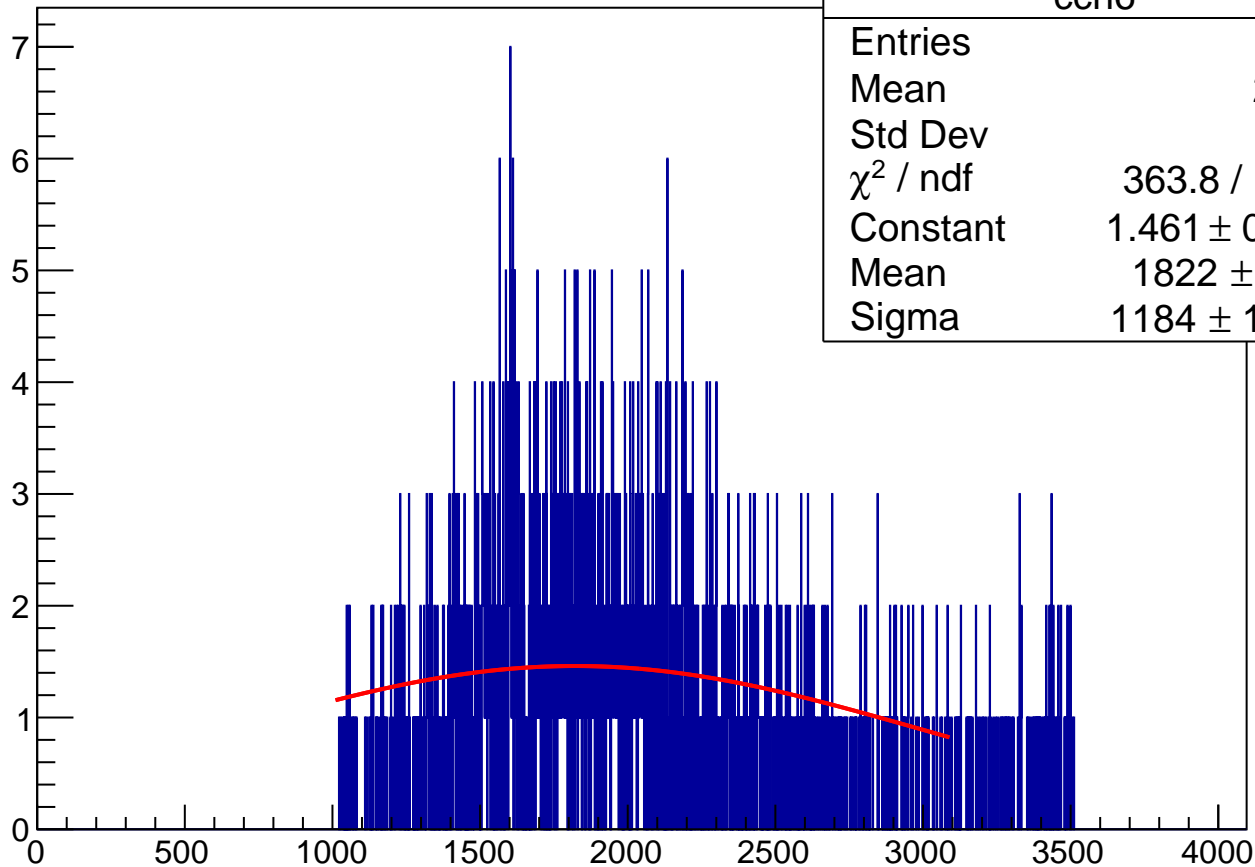
cch4	
Entries	1826
Mean	2000
Std Dev	556
χ^2 / ndf	330.8 / 1038
Constant	1.444 ± 0.051
Mean	1875 ± 77.2
Sigma	1115 ± 161.6

cch5



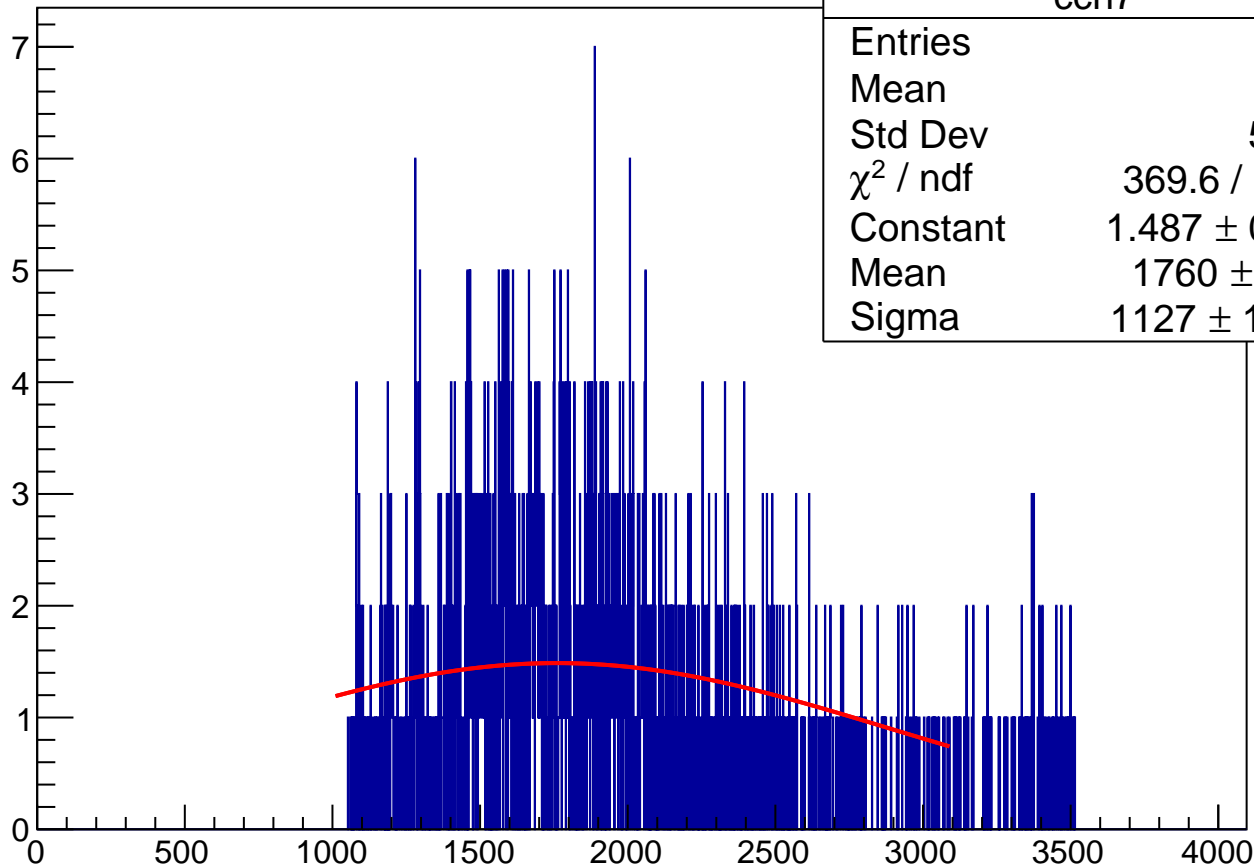
cch5	
Entries	1844
Mean	2073
Std Dev	558.8
χ^2 / nfd	300 / 1065
Constant	1.453 ± 0.052
Mean	1963 ± 69.2
Sigma	1080 ± 142.2

cch6



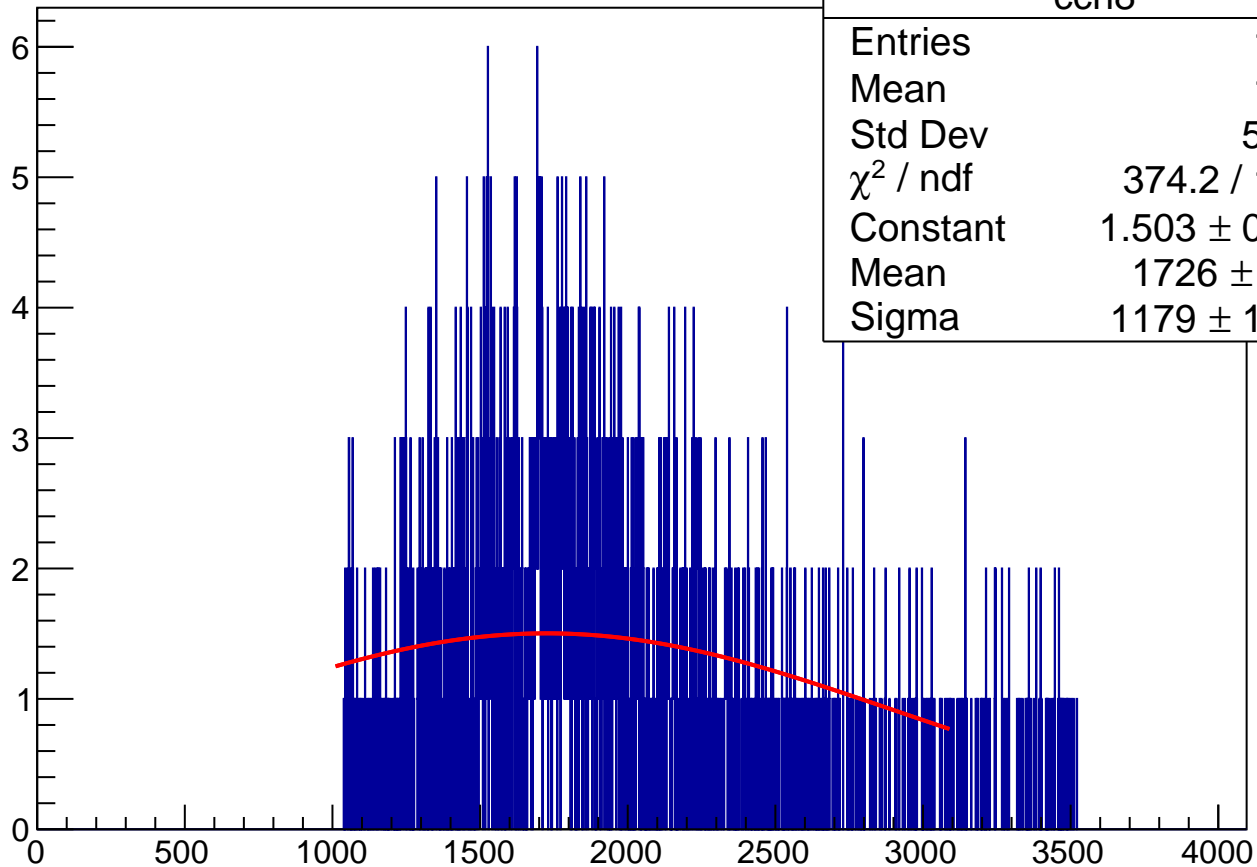
cch6	
Entries	1966
Mean	2015
Std Dev	554
χ^2 / ndf	363.8 / 1095
Constant	1.461 ± 0.050
Mean	1822 ± 89.6
Sigma	1184 ± 181.4

cch7



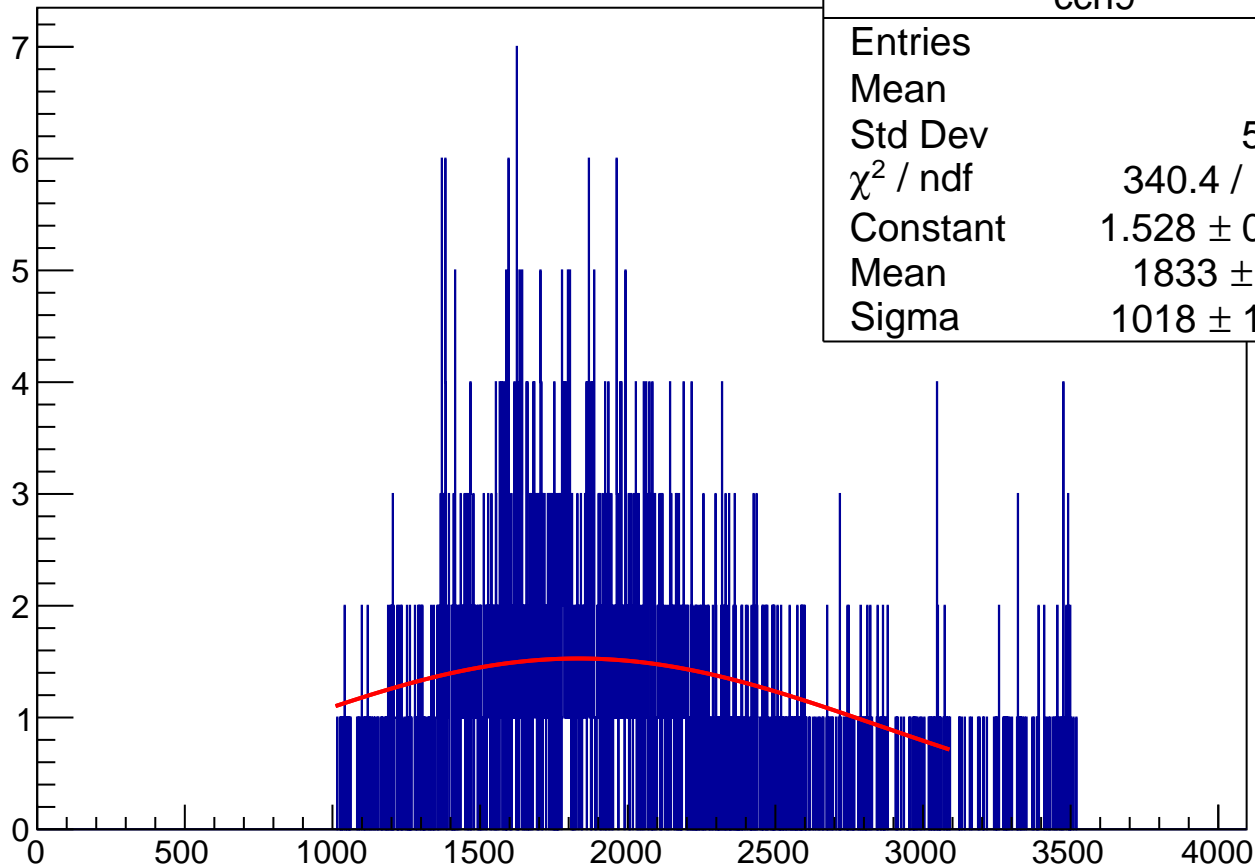
cch7	
Entries	1919
Mean	1928
Std Dev	543.1
χ^2 / ndf	369.6 / 1065
Constant	1.487 ± 0.051
Mean	1760 ± 85.9
Sigma	1127 ± 164.4

cch8



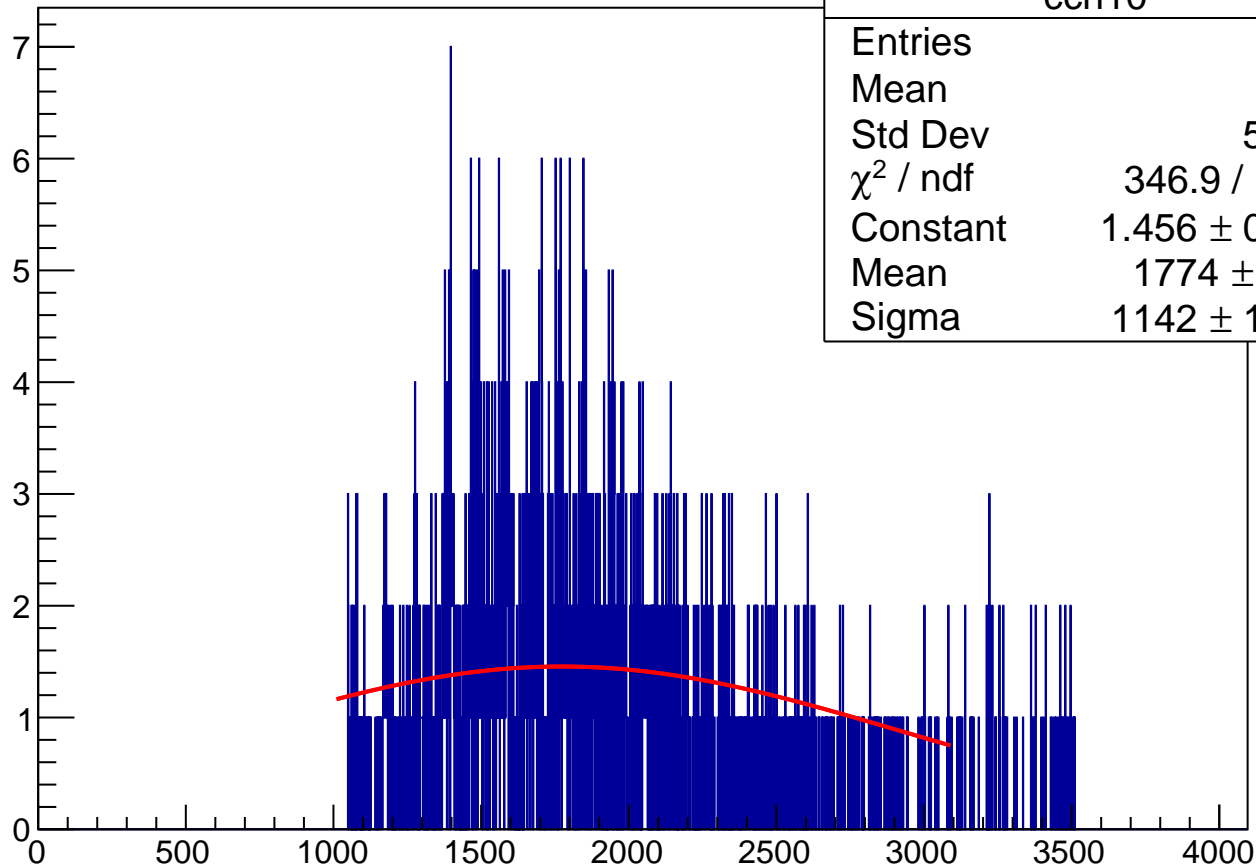
cch8	
Entries	1973
Mean	1925
Std Dev	538.7
χ^2 / ndf	374.2 / 1090
Constant	1.503 ± 0.050
Mean	1726 ± 96.6
Sigma	1179 ± 178.3

cch9



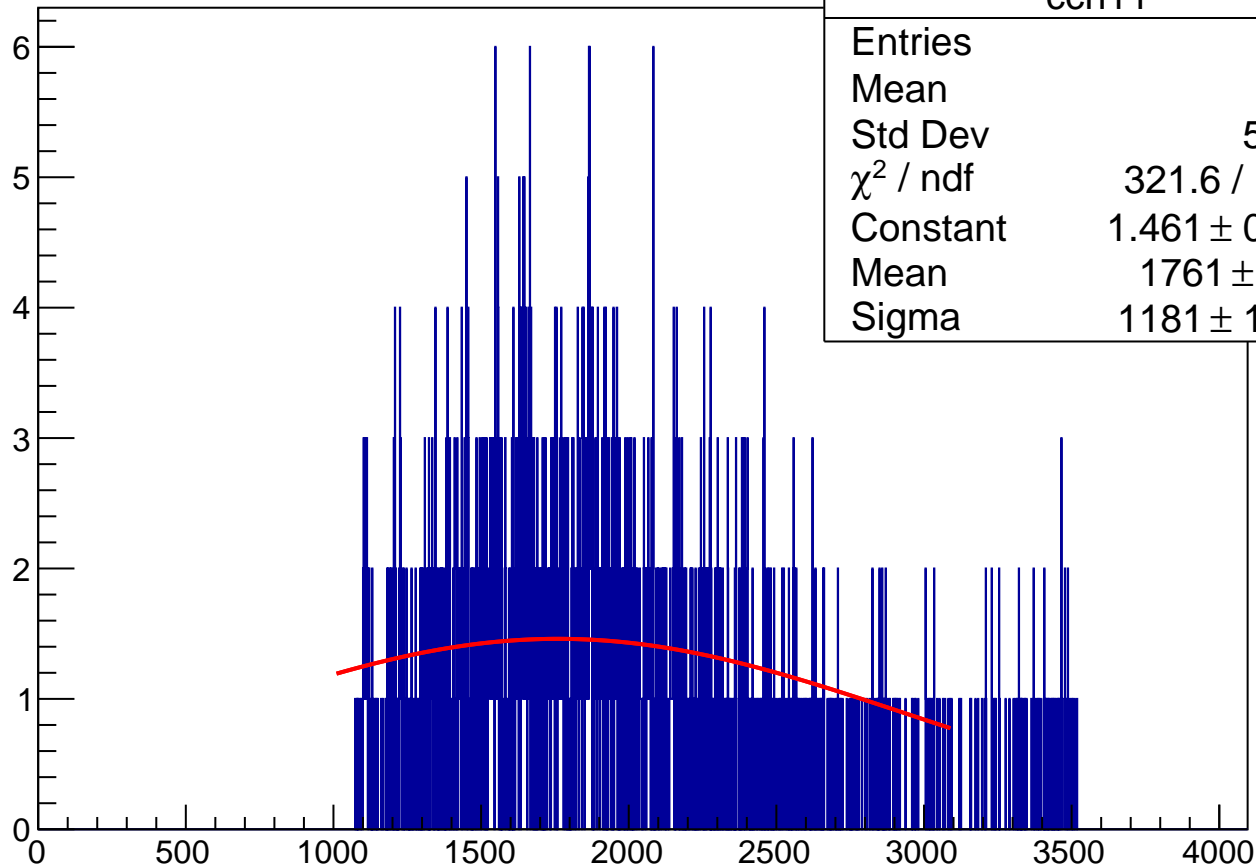
cch9	
Entries	1907
Mean	1963
Std Dev	529.3
χ^2 / ndf	340.4 / 1067
Constant	1.528 ± 0.052
Mean	1833 ± 64.2
Sigma	1018 ± 121.9

cch10



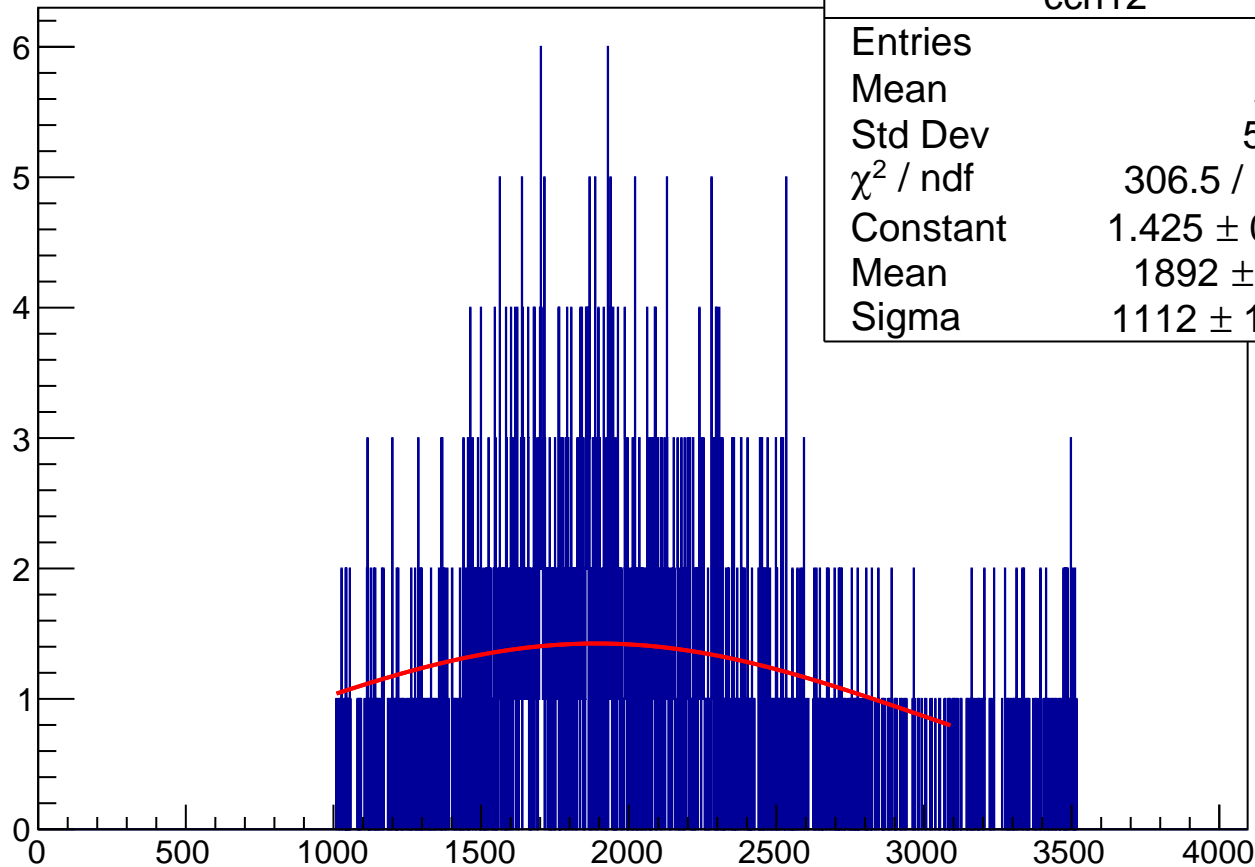
cch10	
Entries	1801
Mean	1882
Std Dev	521.8
χ^2 / nfd	346.9 / 1032
Constant	1.456 ± 0.052
Mean	1774 ± 85.9
Sigma	1142 ± 172.2

cch11



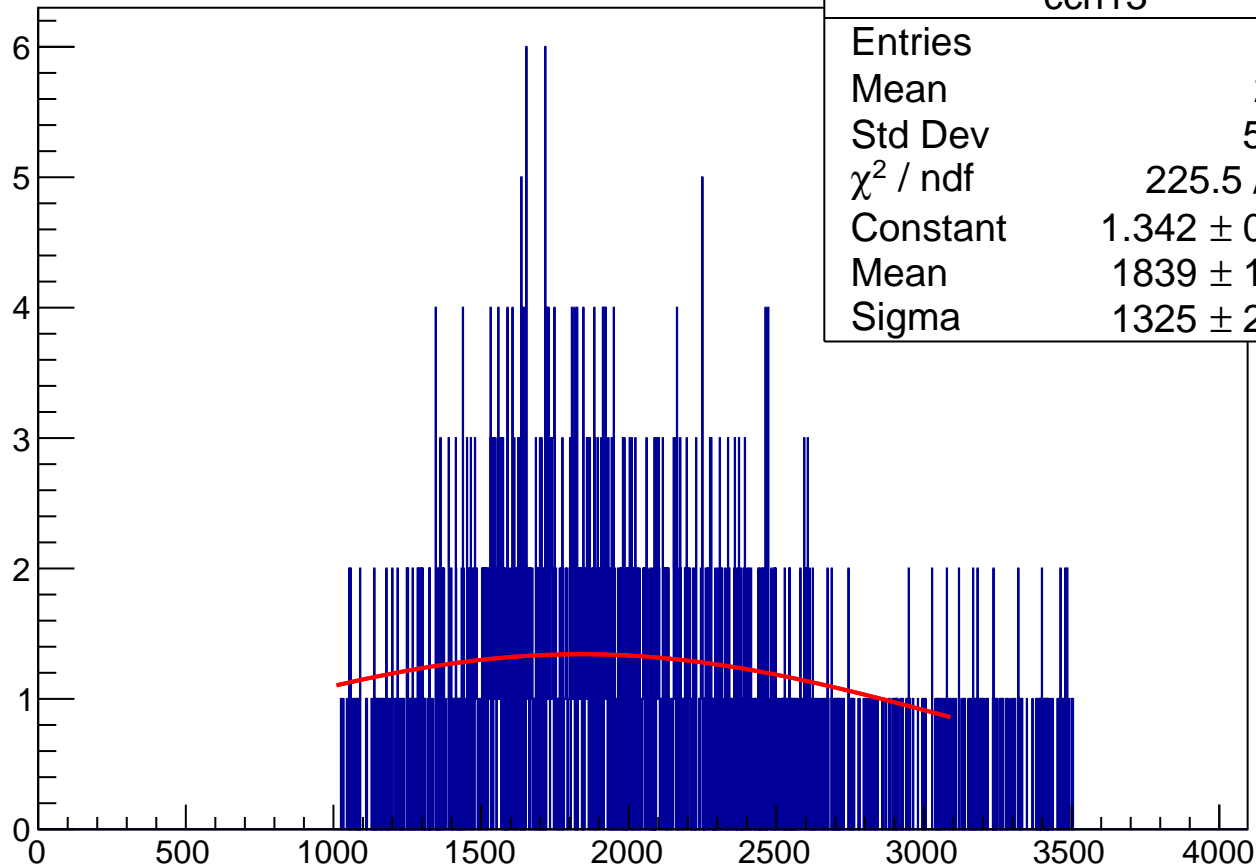
cch11	
Entries	1852
Mean	1938
Std Dev	543.6
χ^2 / ndf	321.6 / 1069
Constant	1.461 ± 0.050
Mean	1761 ± 97.7
Sigma	1181 ± 189.5

cch12



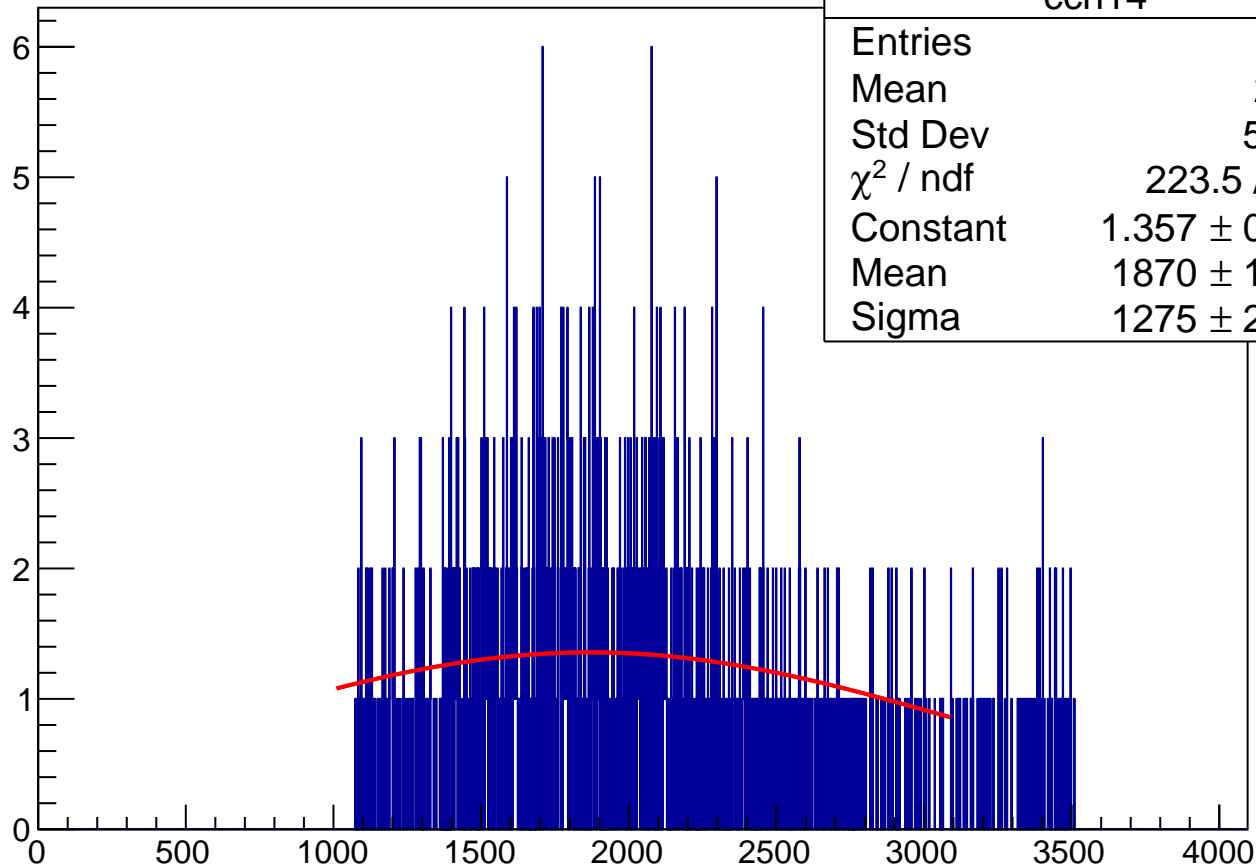
cch12	
Entries	1794
Mean	2045
Std Dev	552.9
χ^2 / ndf	306.5 / 1043
Constant	1.425 ± 0.051
Mean	1892 ± 77.5
Sigma	1112 ± 160.2

cch13



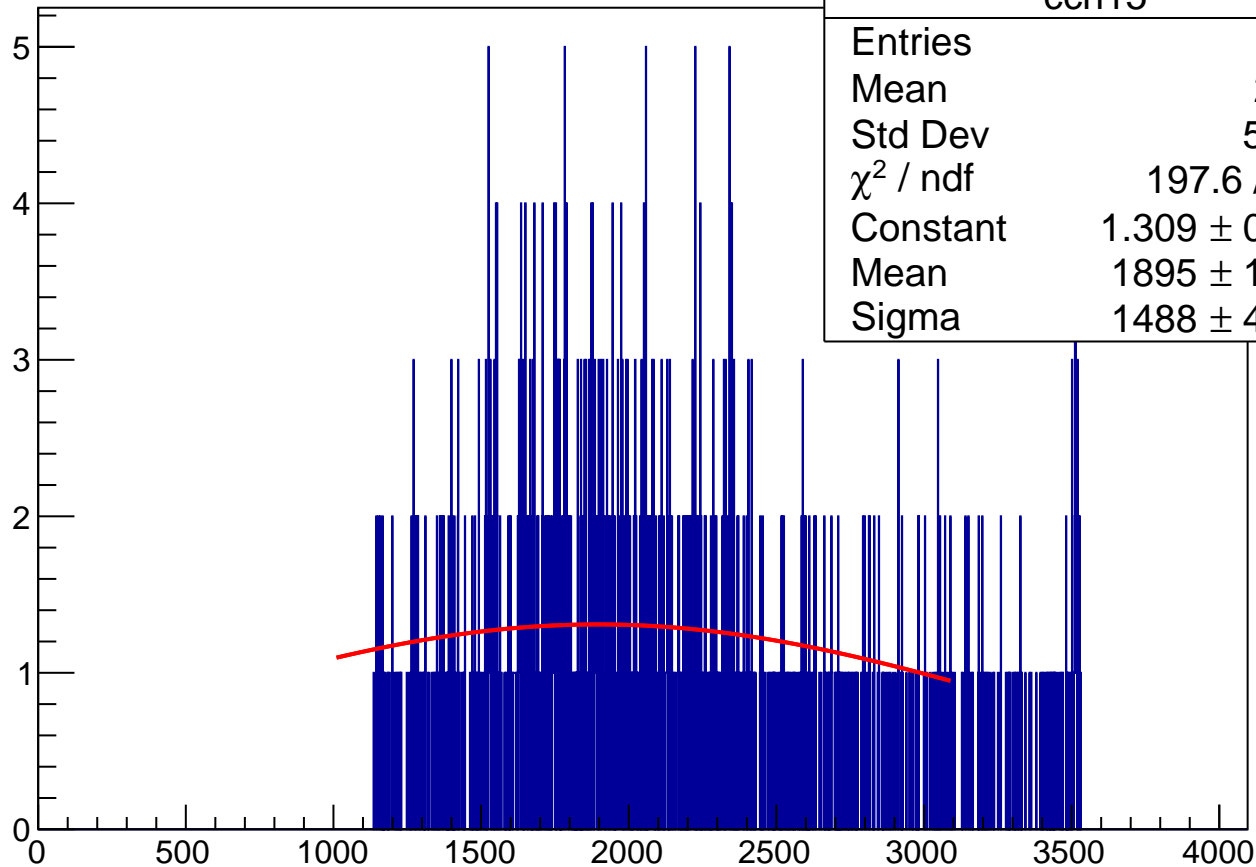
cch13	
Entries	1545
Mean	2027
Std Dev	553.9
χ^2 / ndf	225.5 / 964
Constant	1.342 ± 0.050
Mean	1839 ± 125.4
Sigma	1325 ± 272.4

cch14



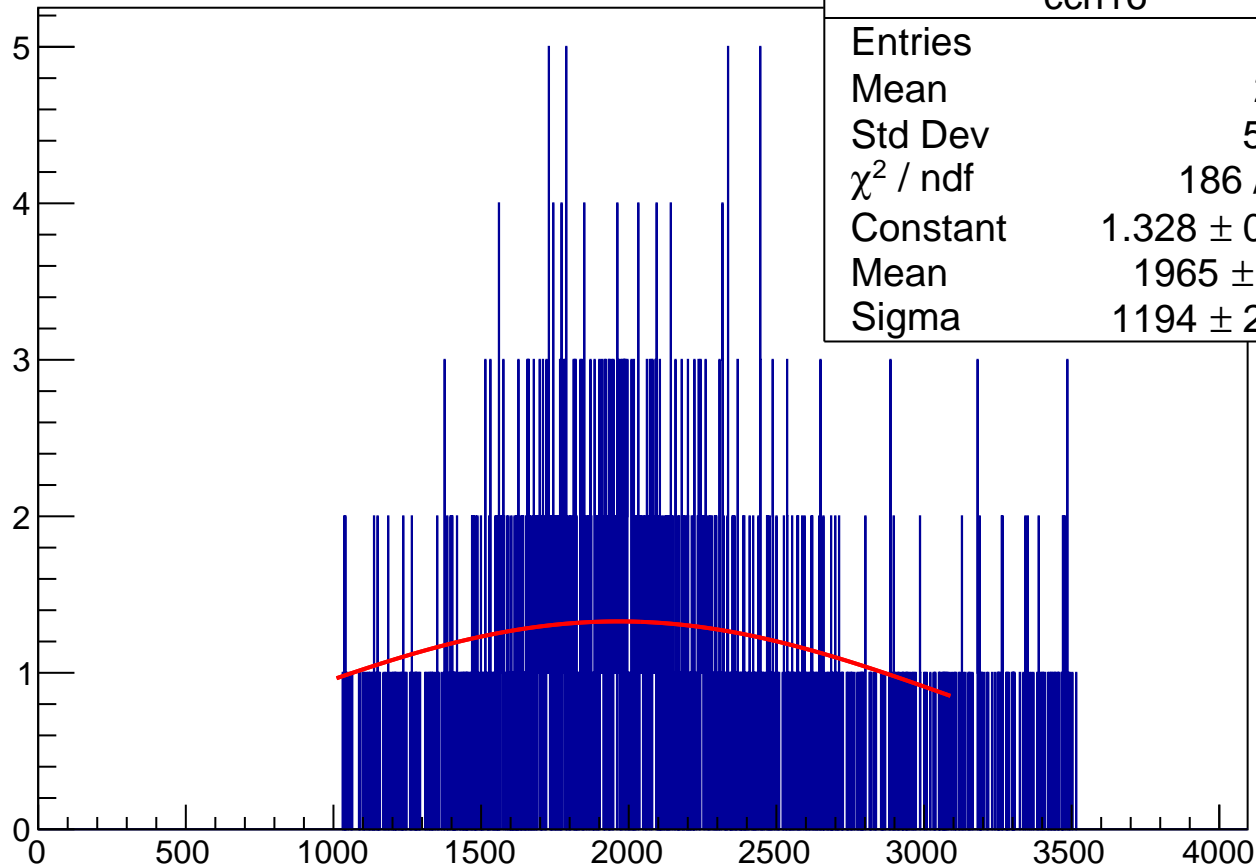
cch14	
Entries	1432
Mean	2030
Std Dev	562.5
χ^2 / ndf	223.5 / 875
Constant	1.357 ± 0.054
Mean	1870 ± 116.8
Sigma	1275 ± 265.7

cch15



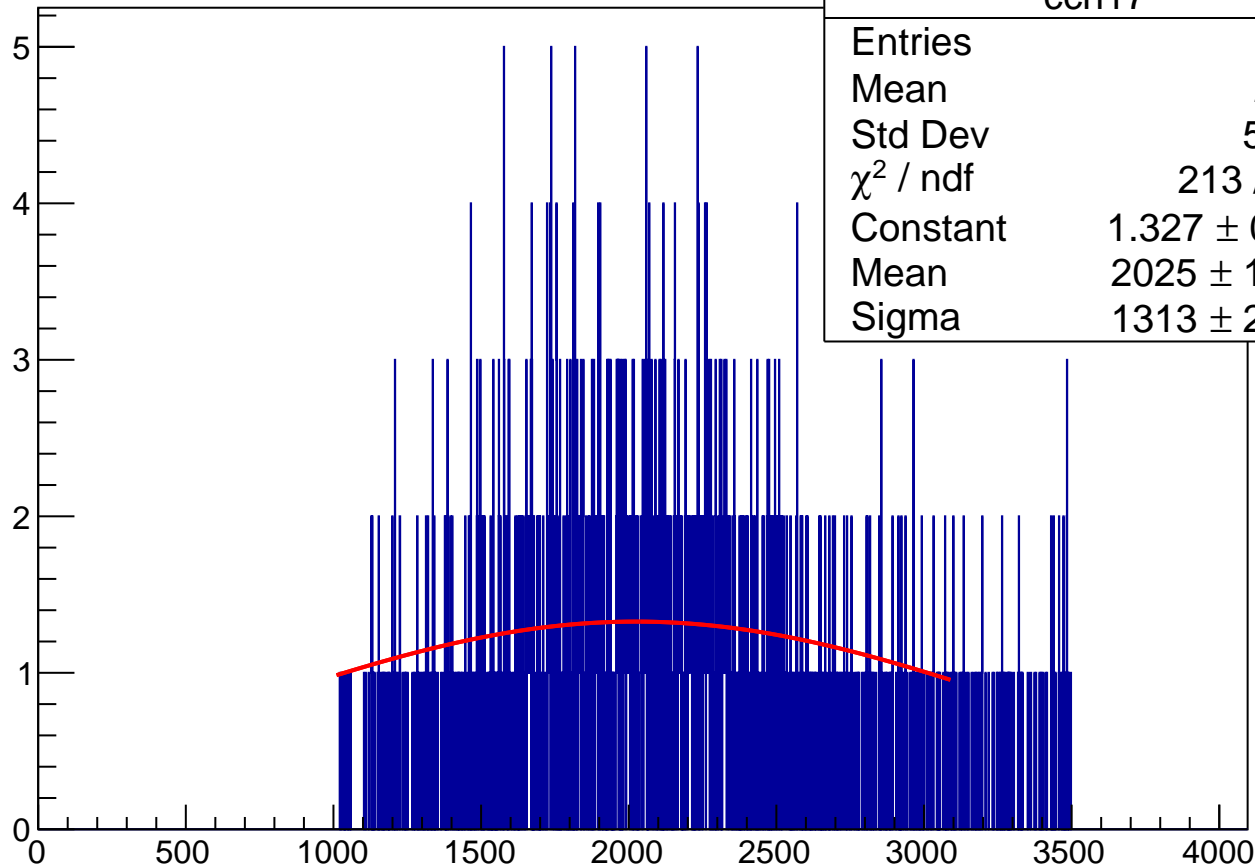
cch15	
Entries	1386
Mean	2127
Std Dev	588.2
χ^2 / ndf	197.6 / 855
Constant	1.309 ± 0.053
Mean	1895 ± 170.2
Sigma	1488 ± 421.7

cch16



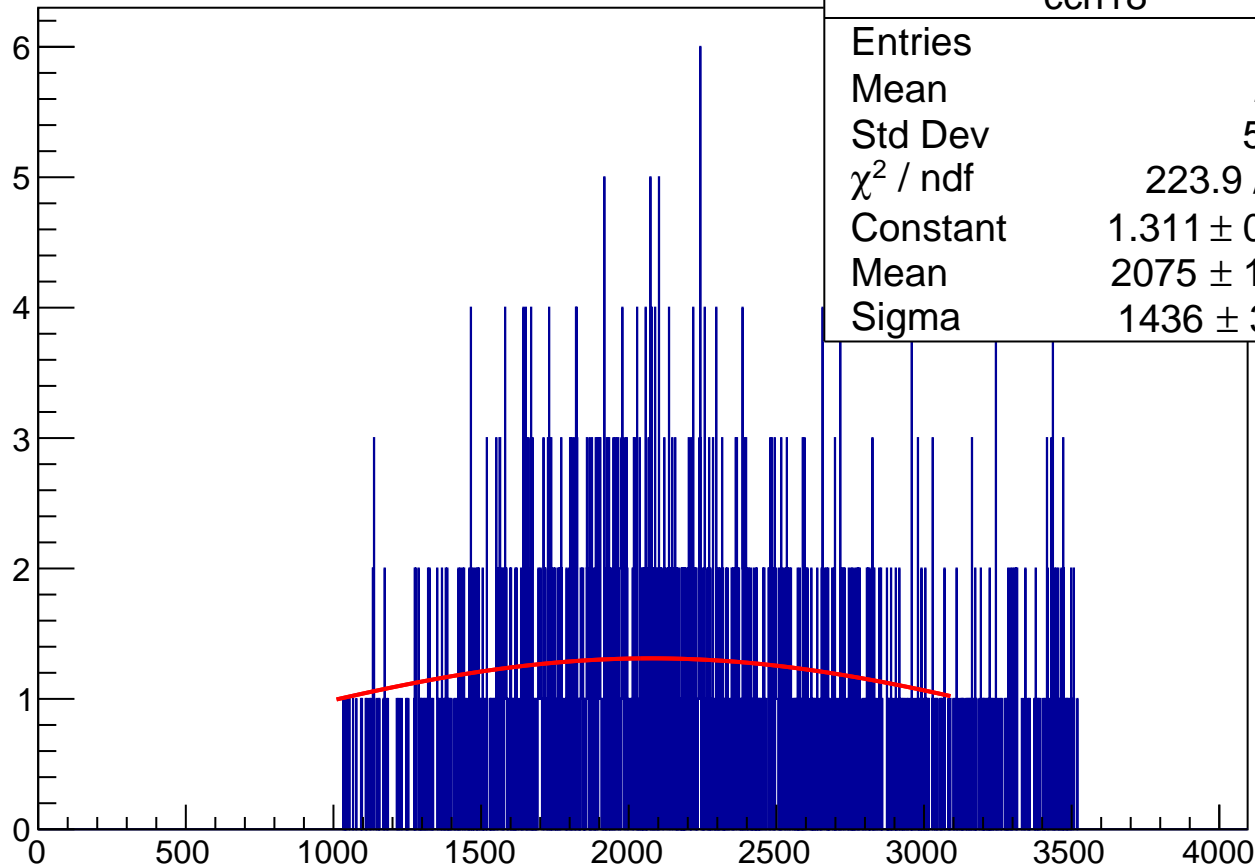
cch16	
Entries	1414
Mean	2124
Std Dev	555.2
χ^2 / nfd	186 / 906
Constant	1.328 ± 0.052
Mean	1965 ± 95.3
Sigma	1194 ± 207.3

cch17



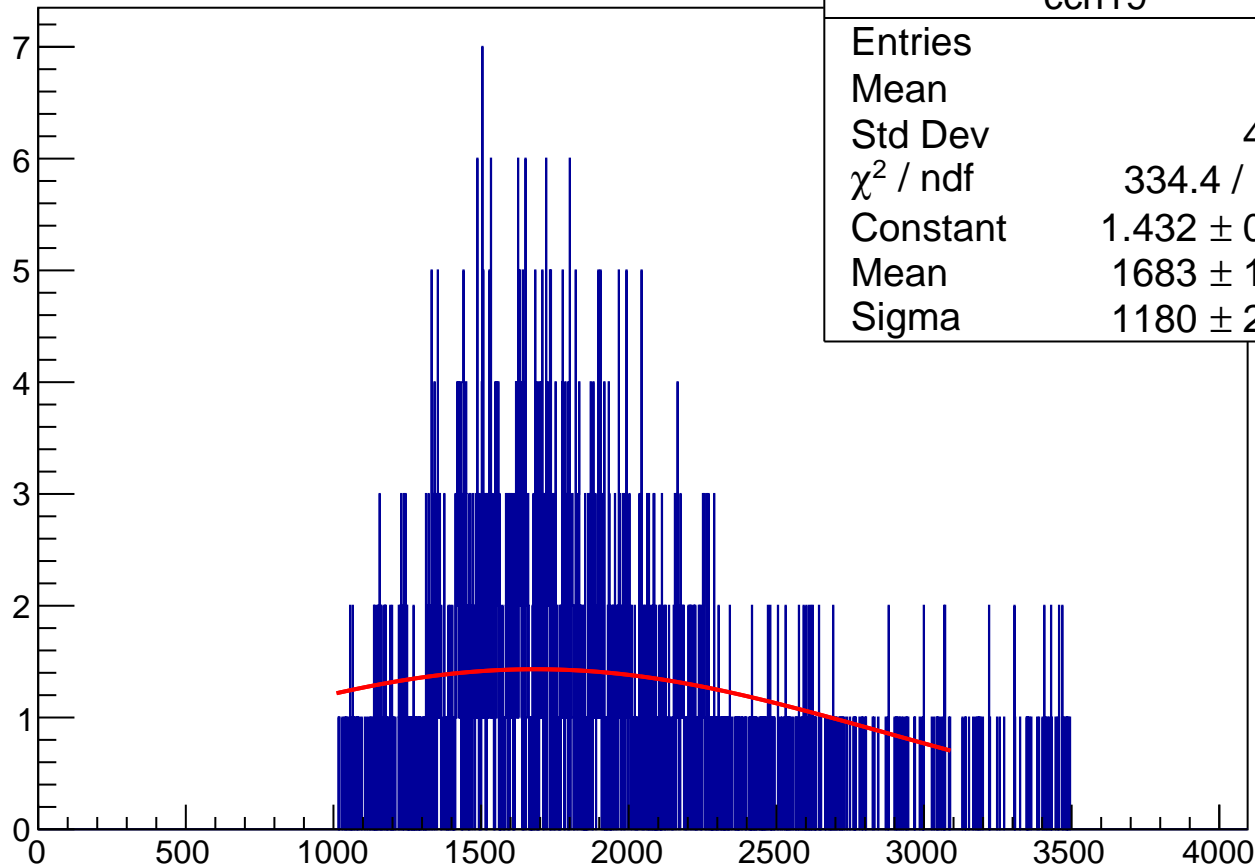
cch17	
Entries	1533
Mean	2142
Std Dev	549.5
χ^2 / ndf	213 / 982
Constant	1.327 ± 0.051
Mean	2025 ± 104.9
Sigma	1313 ± 251.0

cch18



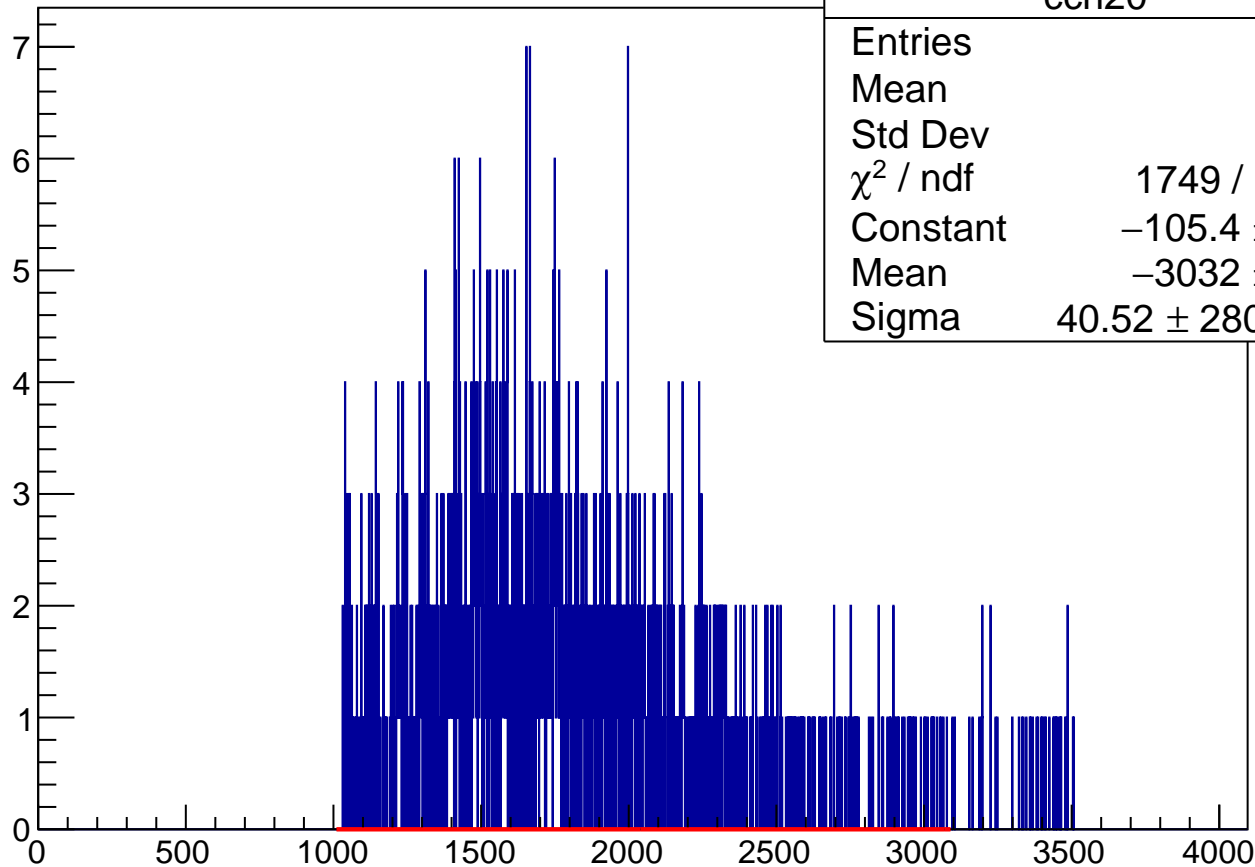
cch18	
Entries	1630
Mean	2237
Std Dev	583.4
χ^2 / ndf	223.9 / 988
Constant	1.311 ± 0.050
Mean	2075 ± 124.5
Sigma	1436 ± 331.1

cch19

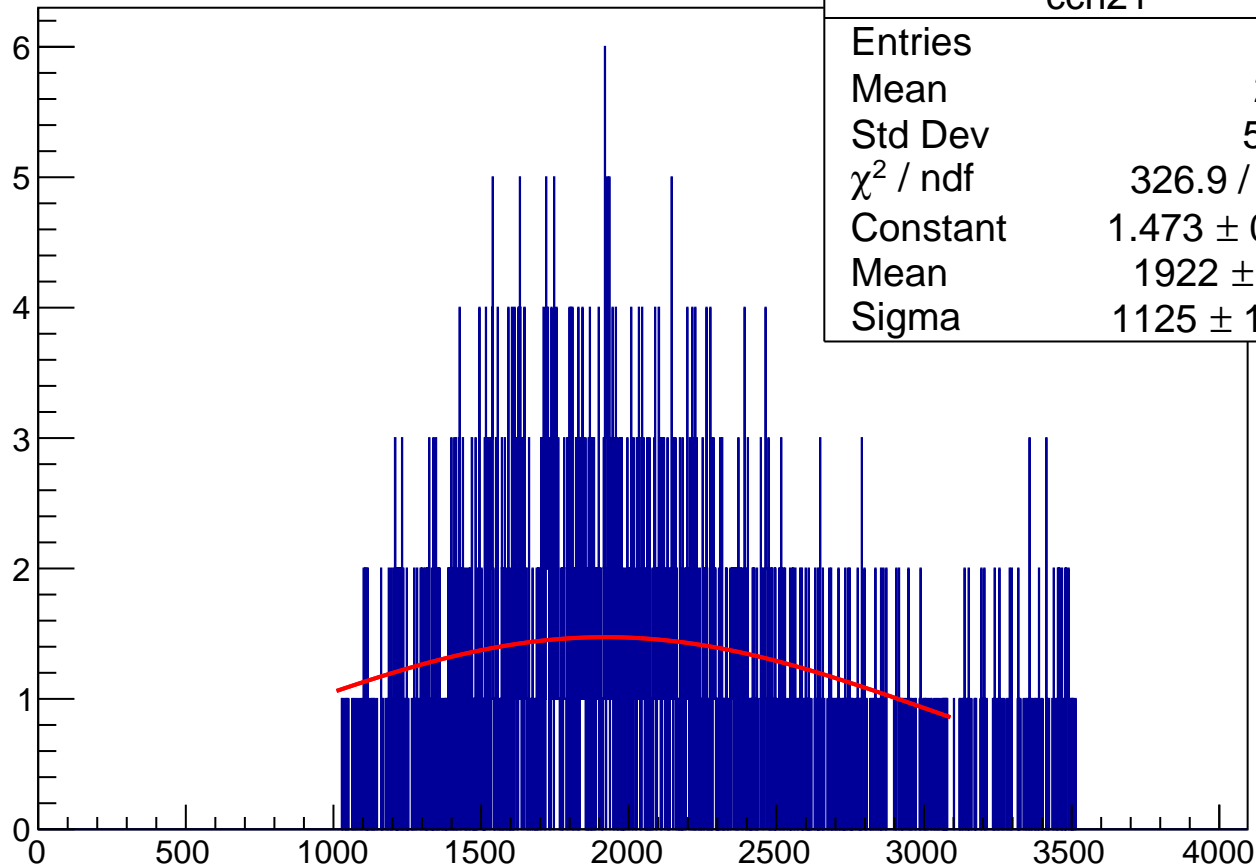


cch19	
Entries	1739
Mean	1861
Std Dev	495.3
χ^2 / ndf	334.4 / 1023
Constant	1.432 ± 0.050
Mean	1683 ± 108.2
Sigma	1180 ± 202.6

cch20

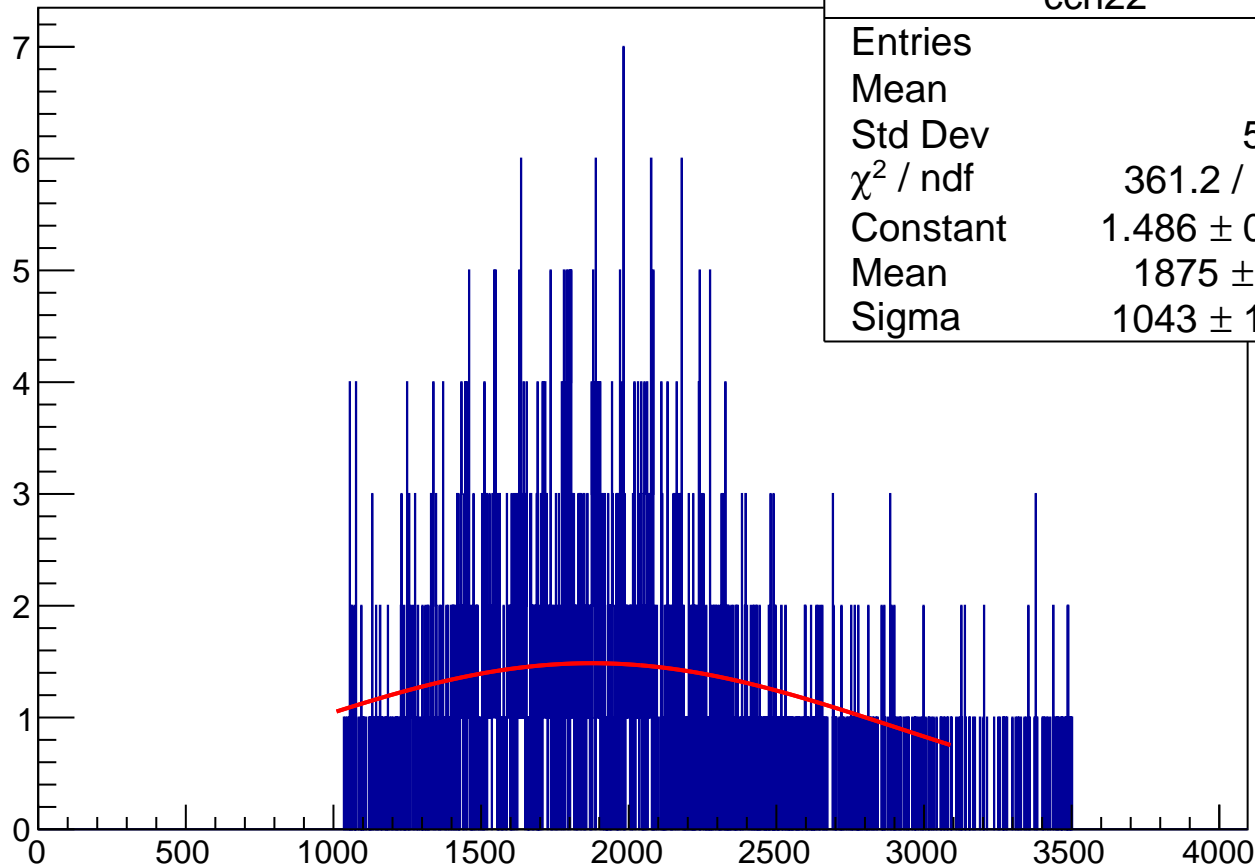


cch21



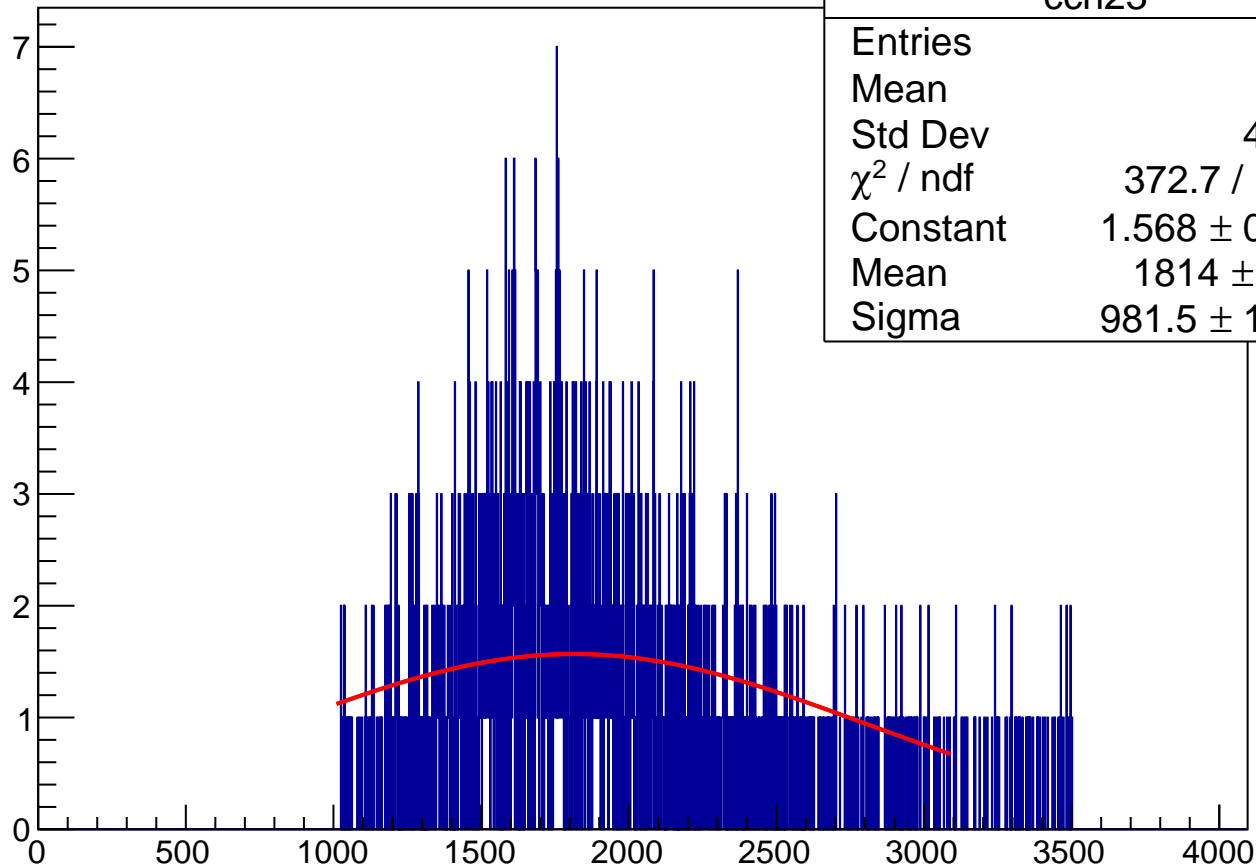
cch21	
Entries	1942
Mean	2046
Std Dev	551.6
χ^2 / ndf	326.9 / 1111
Constant	1.473 ± 0.051
Mean	1922 ± 73.4
Sigma	1125 ± 149.4

cch22



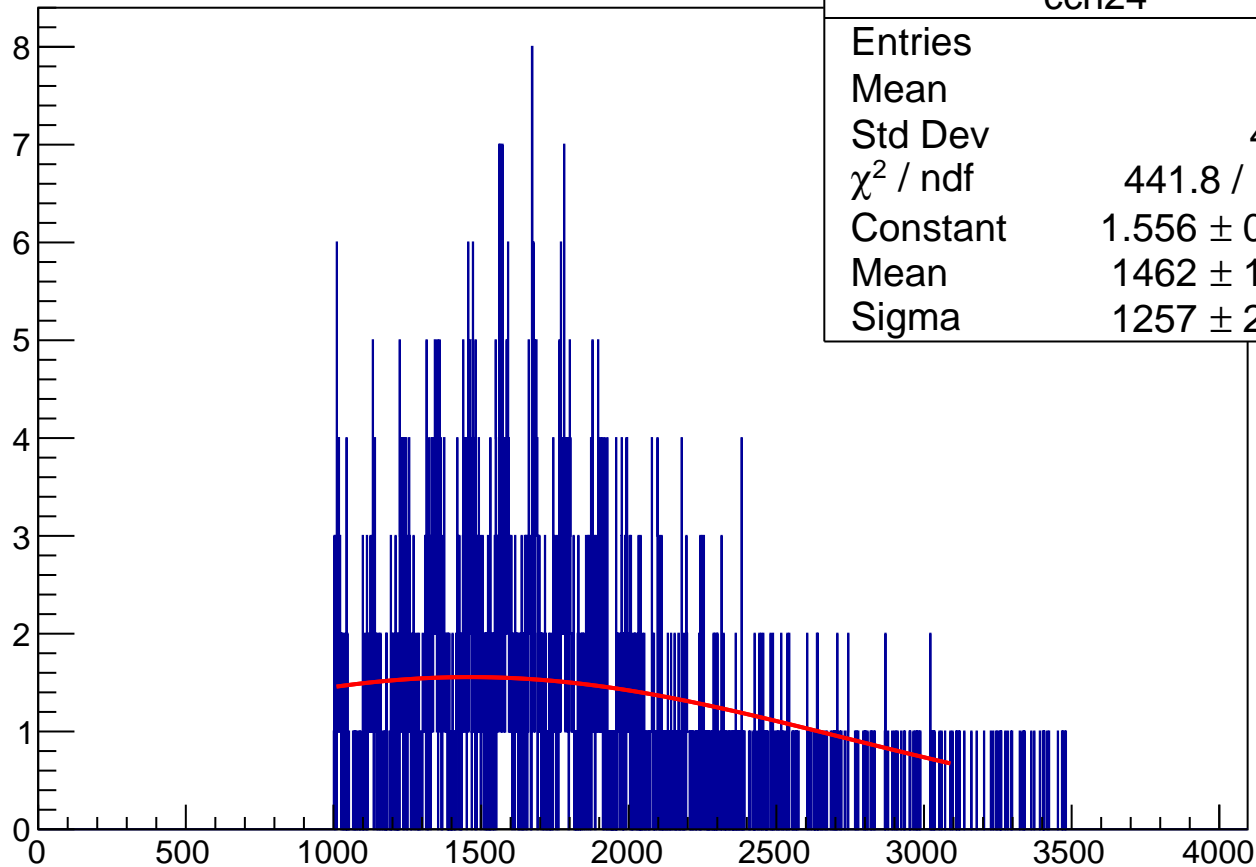
cch22	
Entries	1929
Mean	1969
Std Dev	520.7
χ^2 / ndf	361.2 / 1107
Constant	1.486 ± 0.052
Mean	1875 ± 64.8
Sigma	1043 ± 129.4

cch23



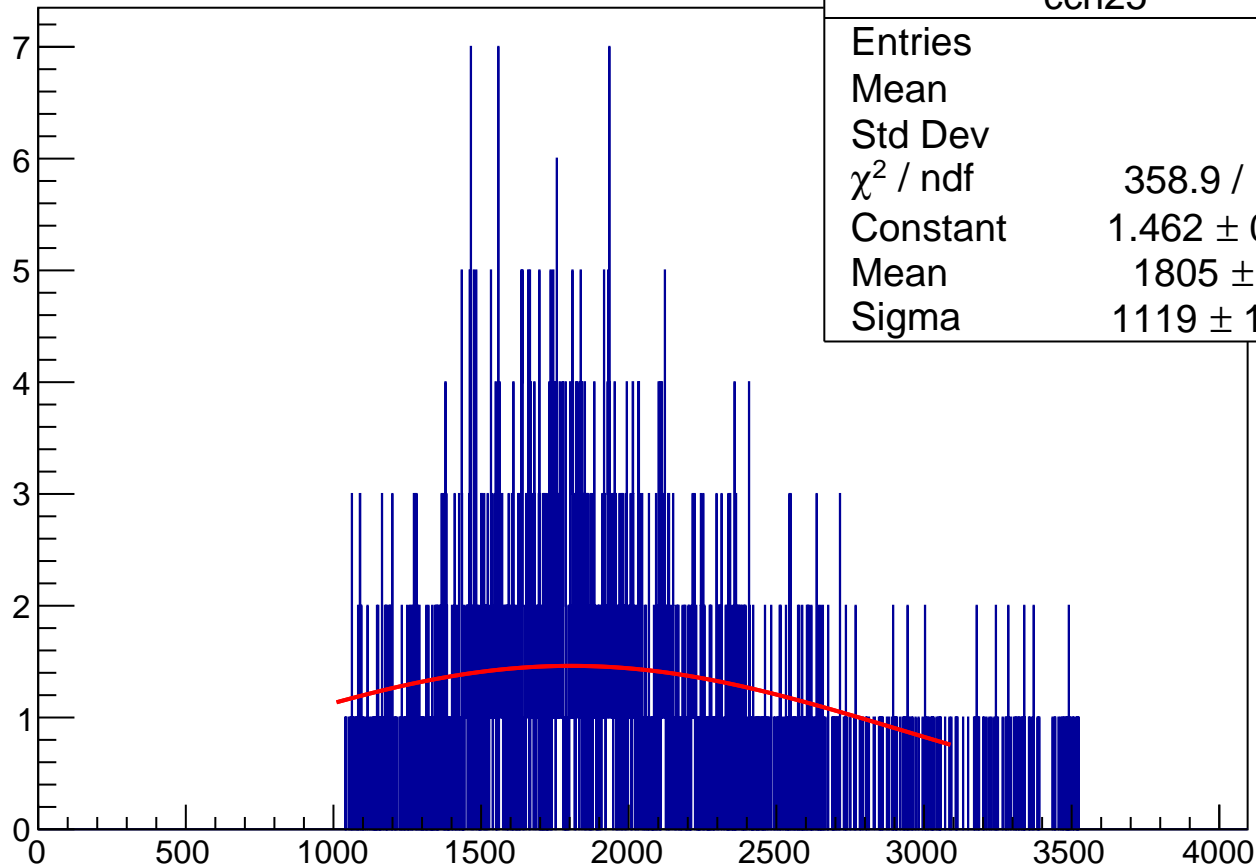
cch23	
Entries	1939
Mean	1909
Std Dev	493.2
χ^2 / ndf	372.7 / 1060
Constant	1.568 ± 0.054
Mean	1814 ± 61.4
Sigma	981.5 ± 116.5

cch24



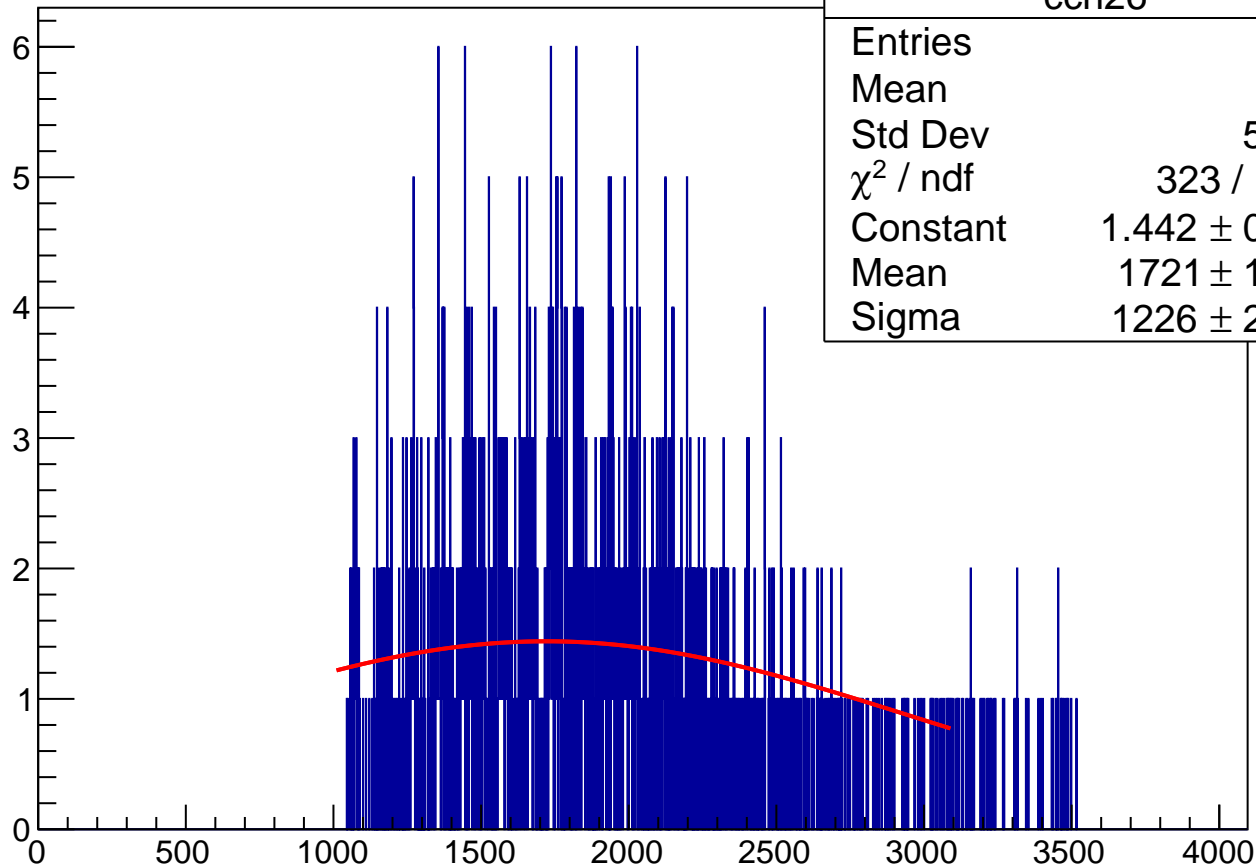
cch24	
Entries	2001
Mean	1737
Std Dev	473.1
χ^2 / ndf	441.8 / 1073
Constant	1.556 ± 0.049
Mean	1462 ± 155.2
Sigma	1257 ± 230.8

cch25



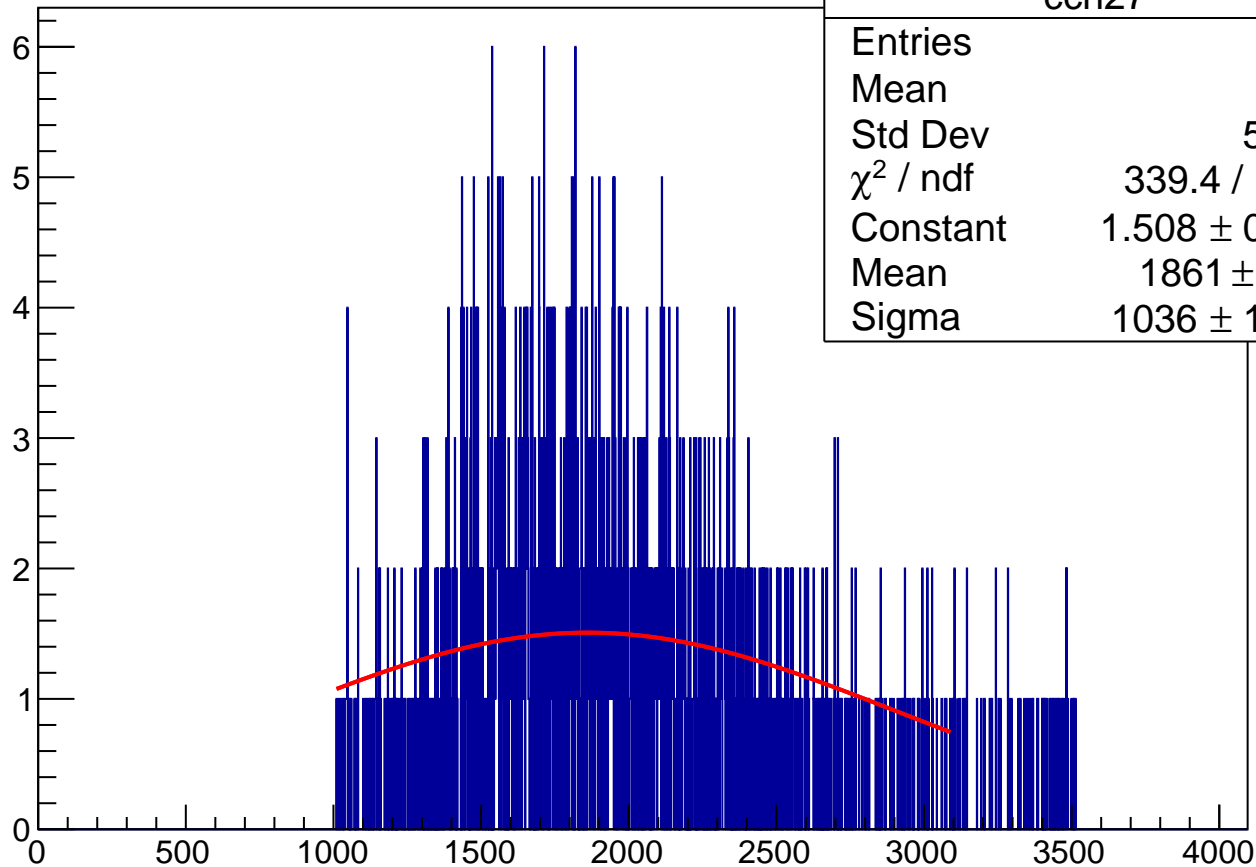
cch25	
Entries	1856
Mean	1933
Std Dev	516
χ^2 / ndf	358.9 / 1060
Constant	1.462 ± 0.051
Mean	1805 ± 80.5
Sigma	1119 ± 160.2

cch26



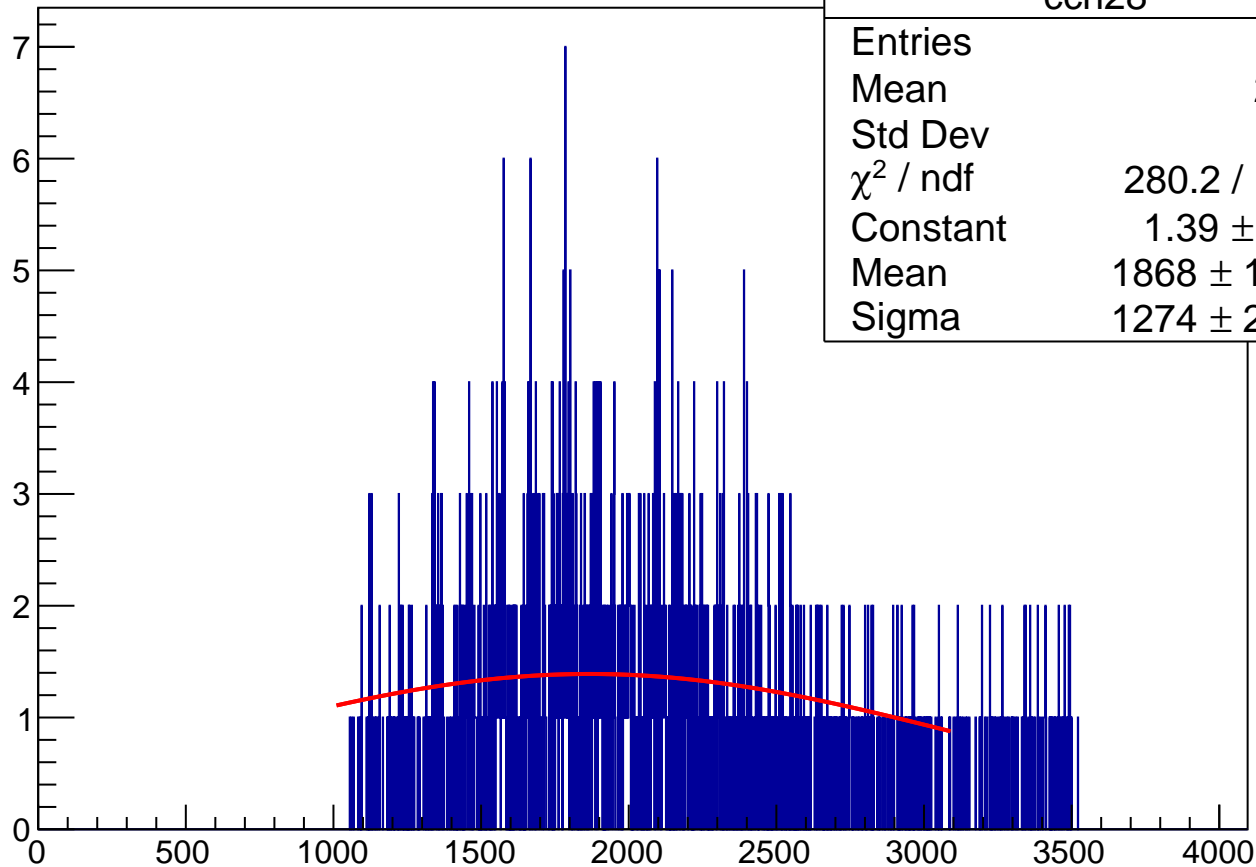
cch26	
Entries	1754
Mean	1894
Std Dev	503.6
χ^2 / ndf	323 / 1030
Constant	1.442 ± 0.049
Mean	1721 ± 115.9
Sigma	1226 ± 214.3

cch27



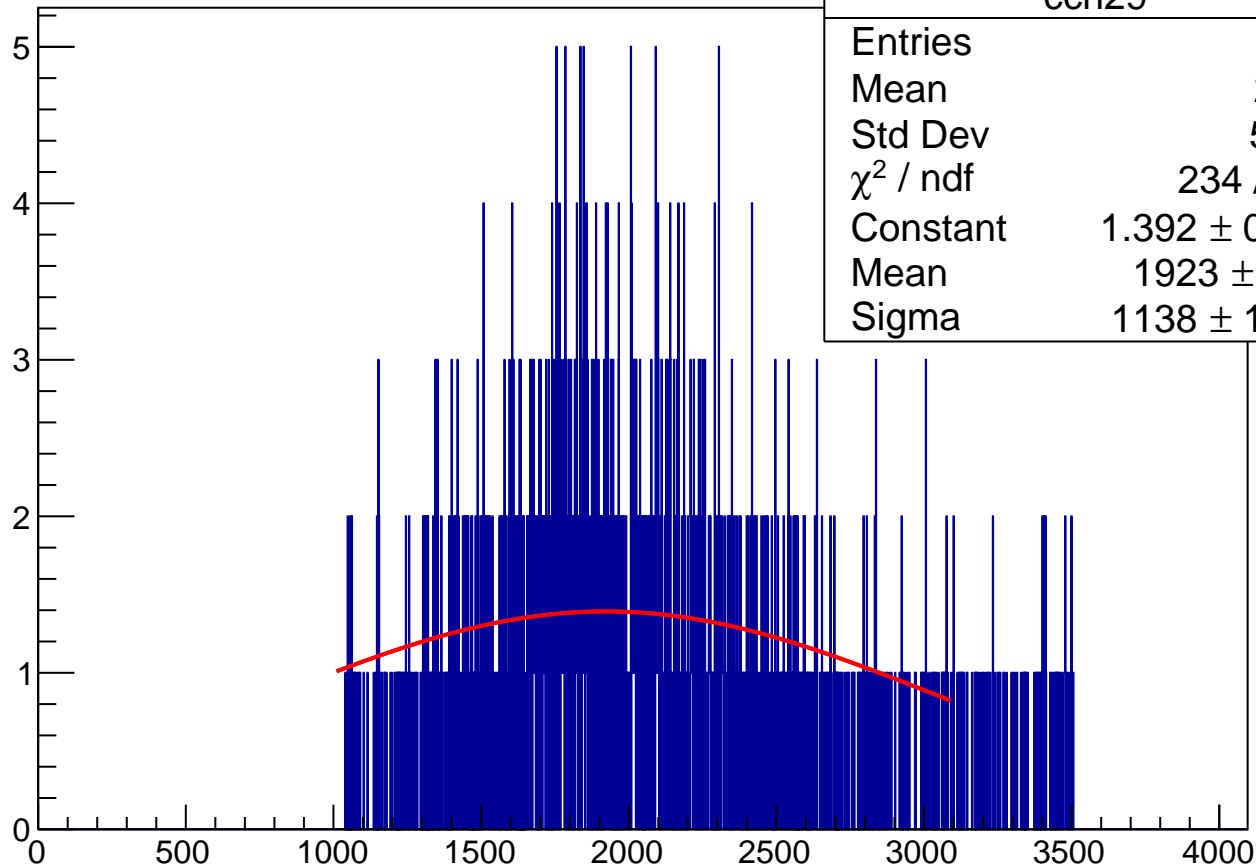
cch27	
Entries	1820
Mean	1964
Std Dev	506.9
χ^2 / ndf	339.4 / 1030
Constant	1.508 ± 0.053
Mean	1861 ± 66.8
Sigma	1036 ± 129.3

cch28



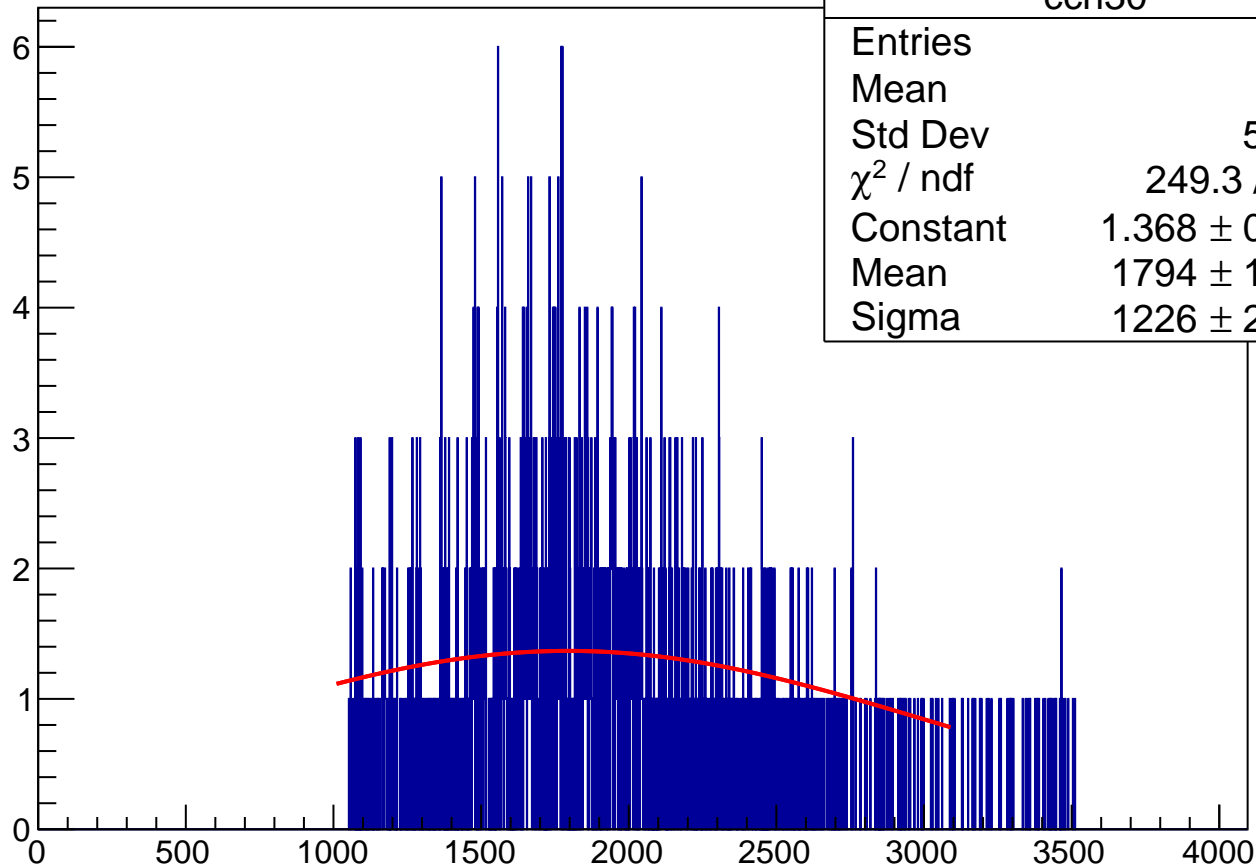
cch28	
Entries	1693
Mean	2057
Std Dev	544
χ^2 / ndf	280.2 / 1012
Constant	1.39 ± 0.05
Mean	1868 ± 113.3
Sigma	1274 ± 236.5

cch29



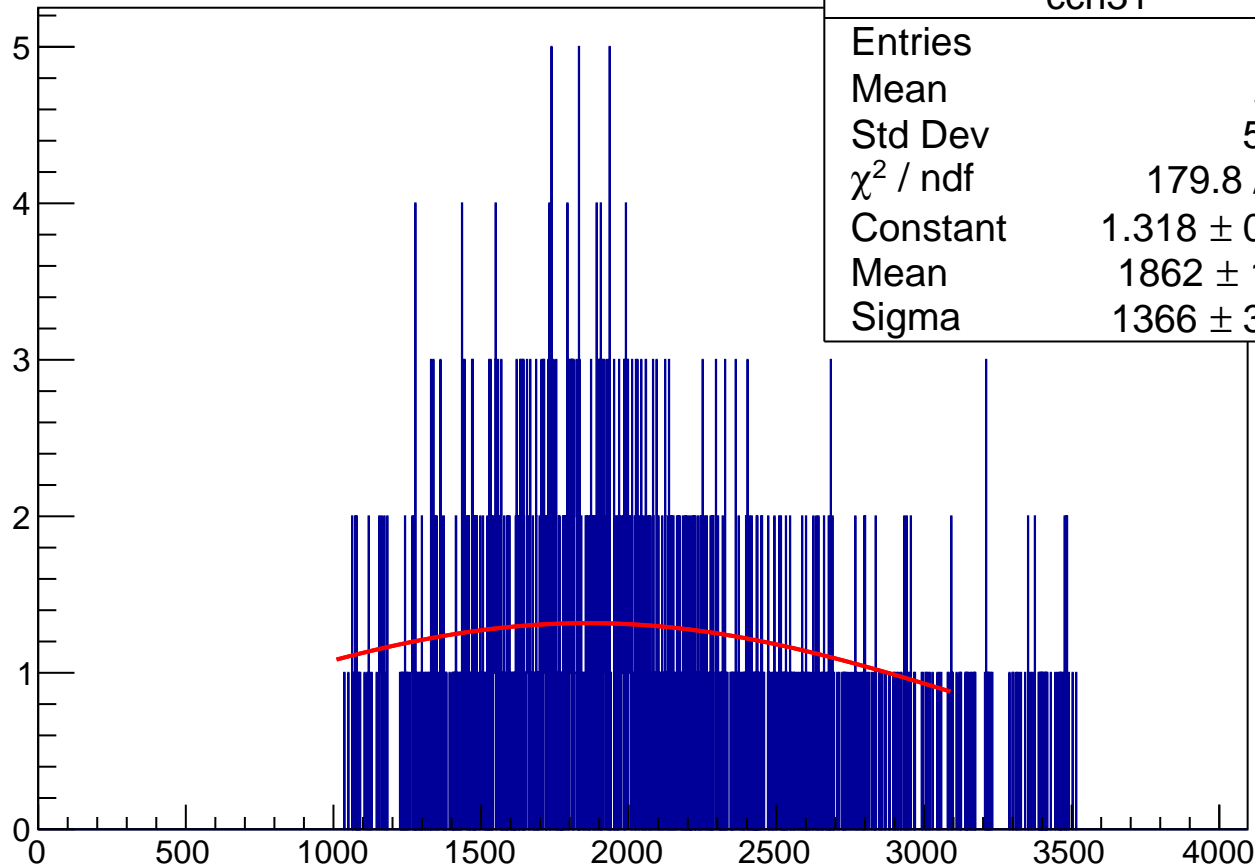
cch29	
Entries	1593
Mean	2069
Std Dev	535.1
χ^2 / nfd	234 / 993
Constant	1.392 ± 0.052
Mean	1923 ± 83.7
Sigma	1138 ± 176.2

cch30



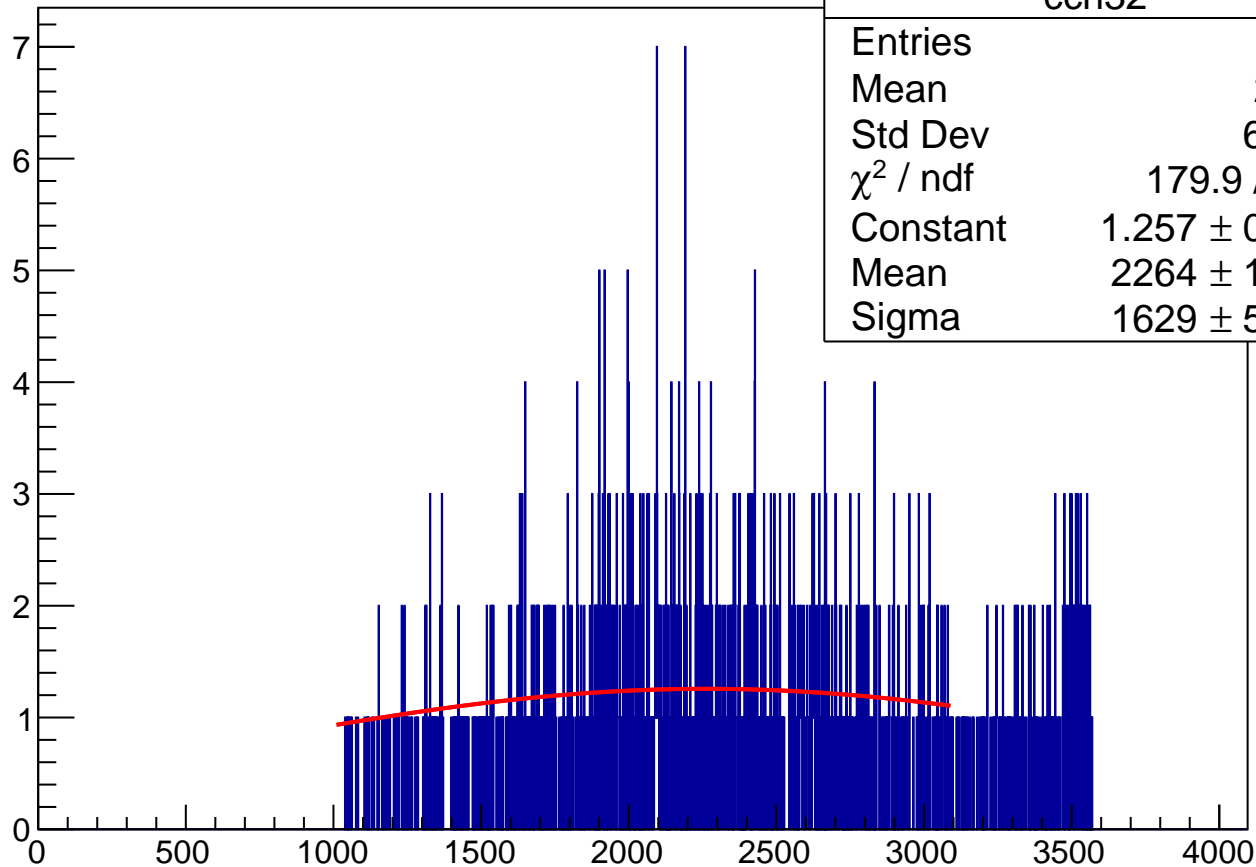
cch30	
Entries	1505
Mean	1932
Std Dev	506.4
χ^2 / ndf	249.3 / 946
Constant	1.368 ± 0.052
Mean	1794 ± 110.9
Sigma	1226 ± 232.6

cch31



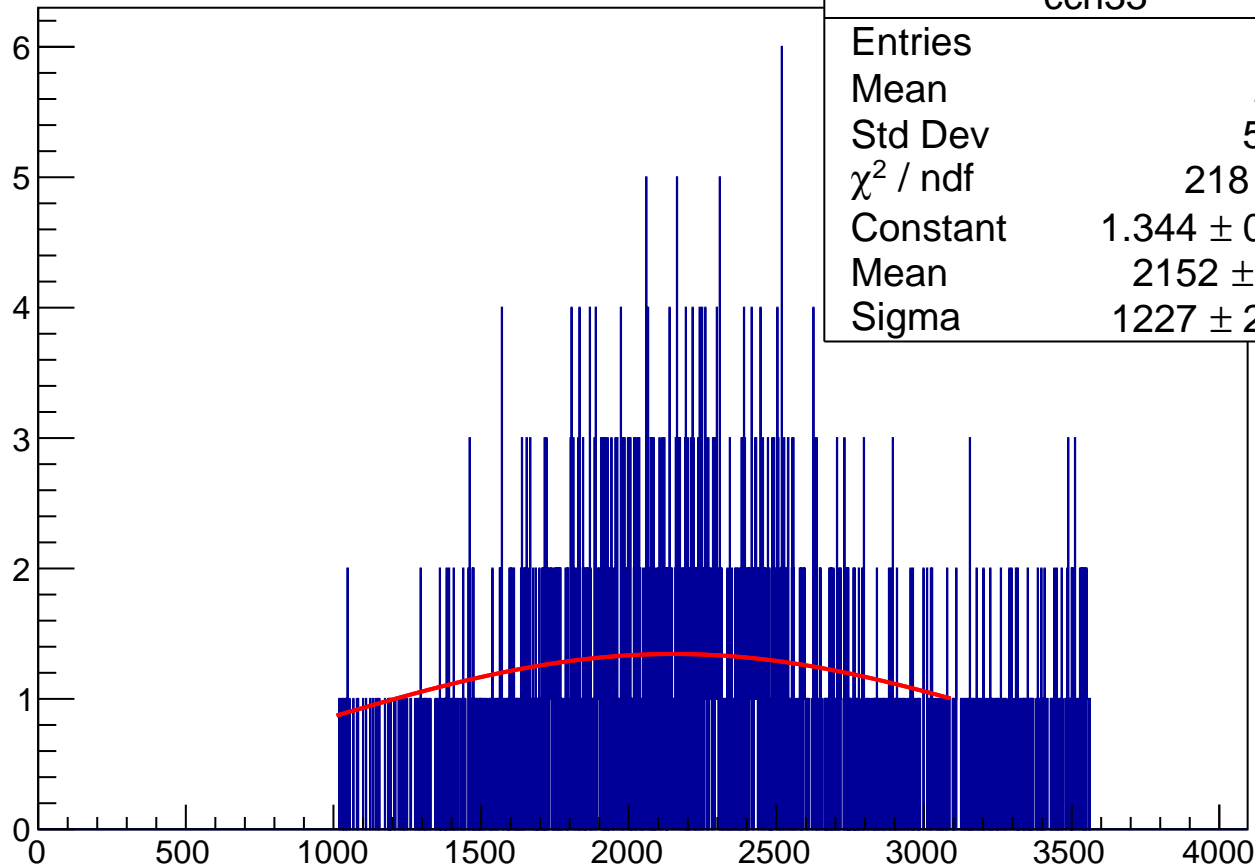
cch31	
Entries	1299
Mean	2029
Std Dev	545.7
χ^2 / ndf	179.8 / 843
Constant	1.318 ± 0.054
Mean	1862 ± 141.1
Sigma	1366 ± 327.3

cch32



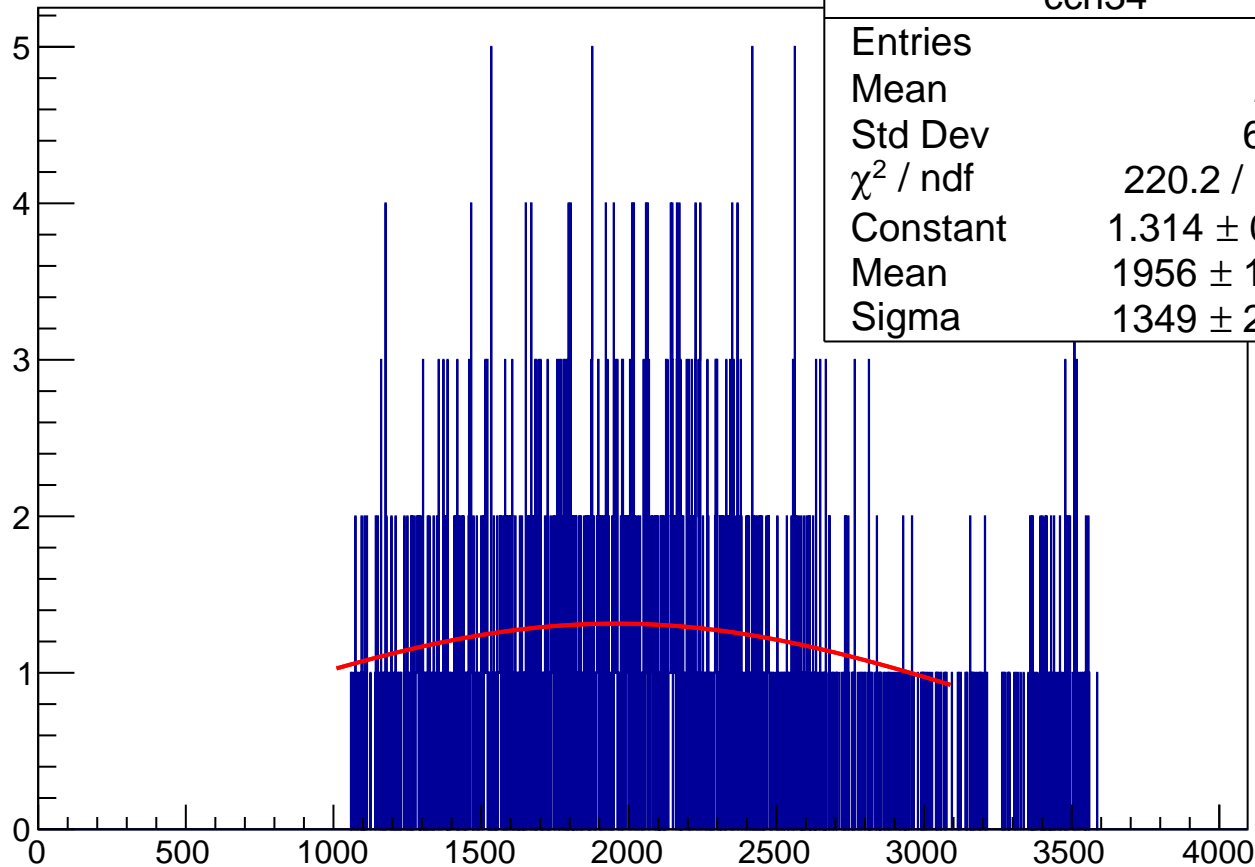
cch32	
Entries	1439
Mean	2357
Std Dev	623.7
χ^2 / ndf	179.9 / 866
Constant	1.257 ± 0.052
Mean	2264 ± 188.9
Sigma	1629 ± 513.2

cch33



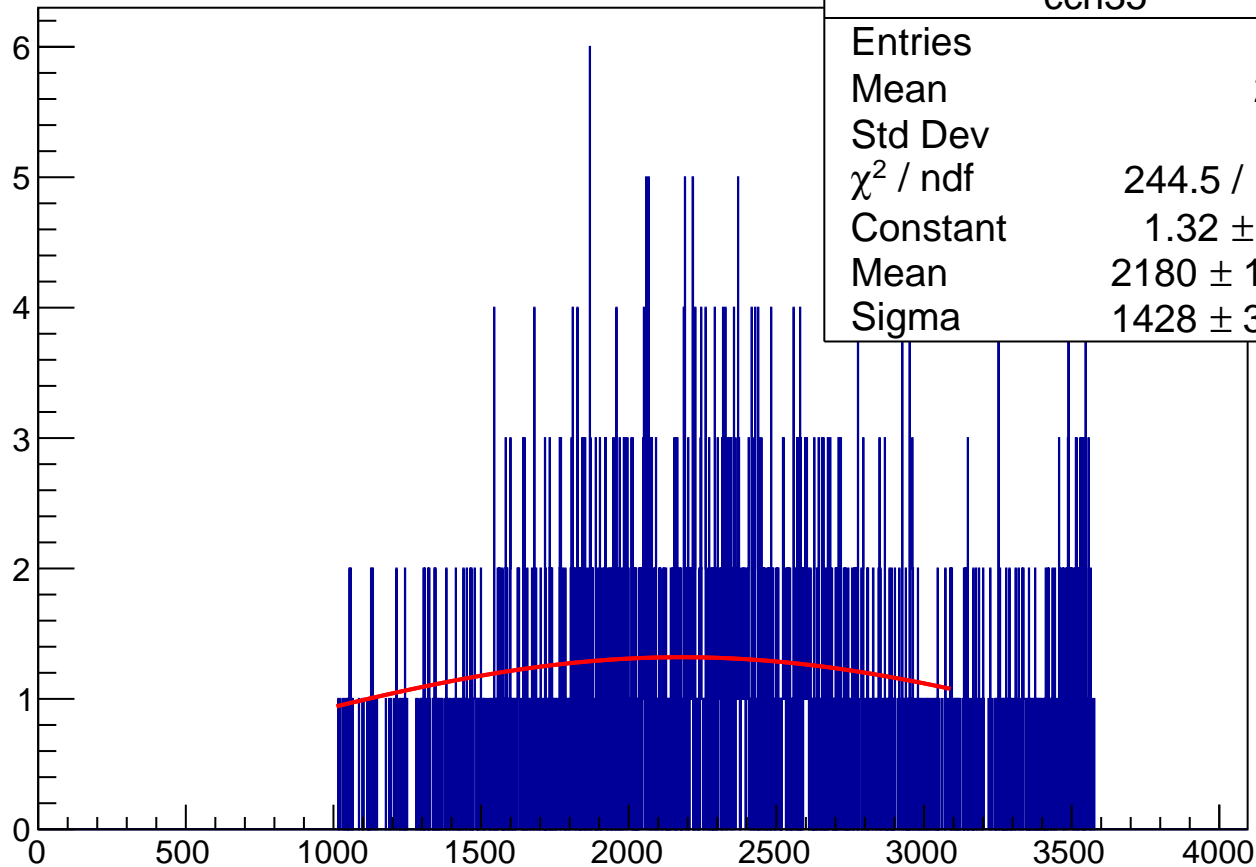
cch33	
Entries	1567
Mean	2293
Std Dev	587.7
χ^2 / ndf	218 / 921
Constant	1.344 ± 0.052
Mean	2152 ± 35.8
Sigma	1227 ± 216.2

cch34



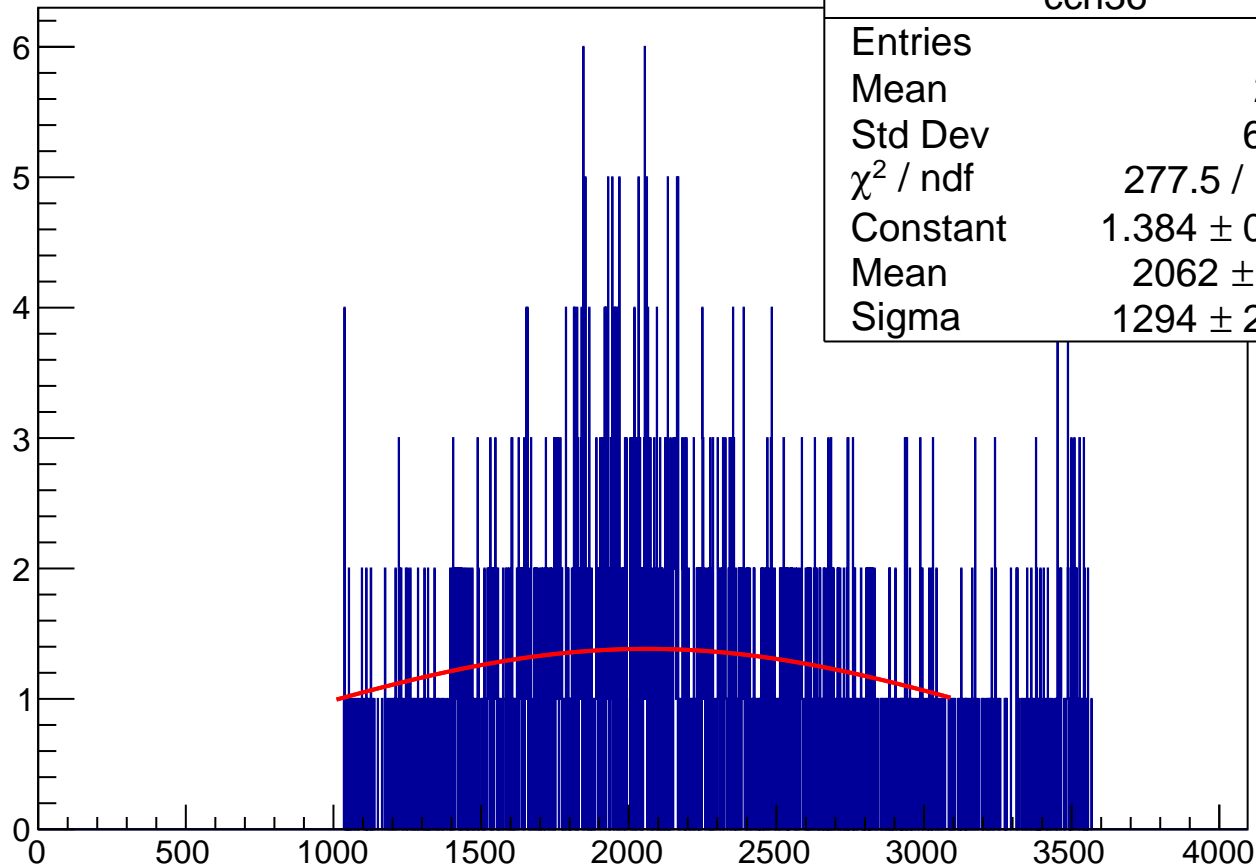
cch34	
Entries	1595
Mean	2109
Std Dev	601.4
χ^2 / nfd	220.2 / 1005
Constant	1.314 ± 0.051
Mean	1956 ± 110.0
Sigma	1349 ± 275.6

cch35



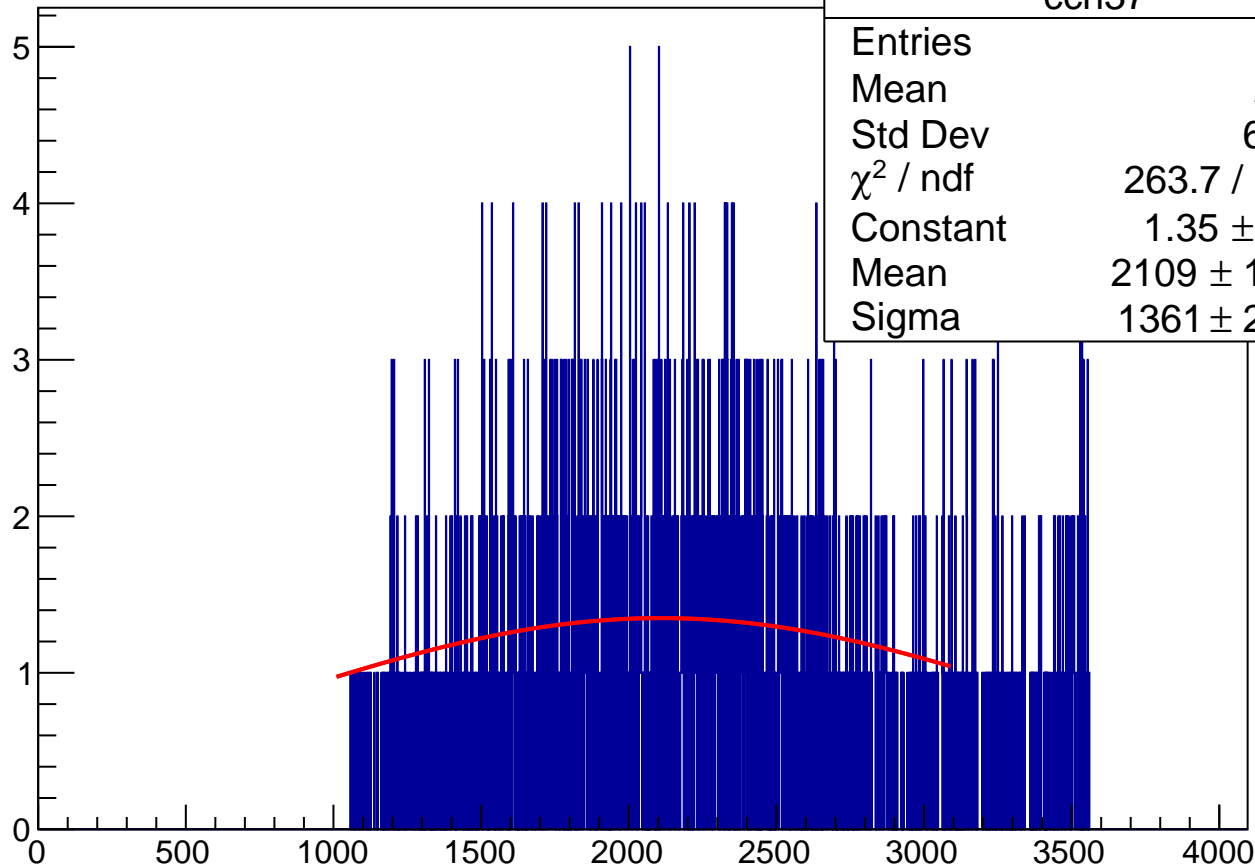
cch35	
Entries	1802
Mean	2357
Std Dev	622
$\chi^2 / \text{n df}$	244.5 / 1033
Constant	1.32 ± 0.05
Mean	2180 ± 117.4
Sigma	1428 ± 305.5

cch36



cch36	
Entries	1867
Mean	2224
Std Dev	619.8
χ^2 / ndf	277.5 / 1075
Constant	1.384 ± 0.052
Mean	2062 ± 89.5
Sigma	1294 ± 218.5

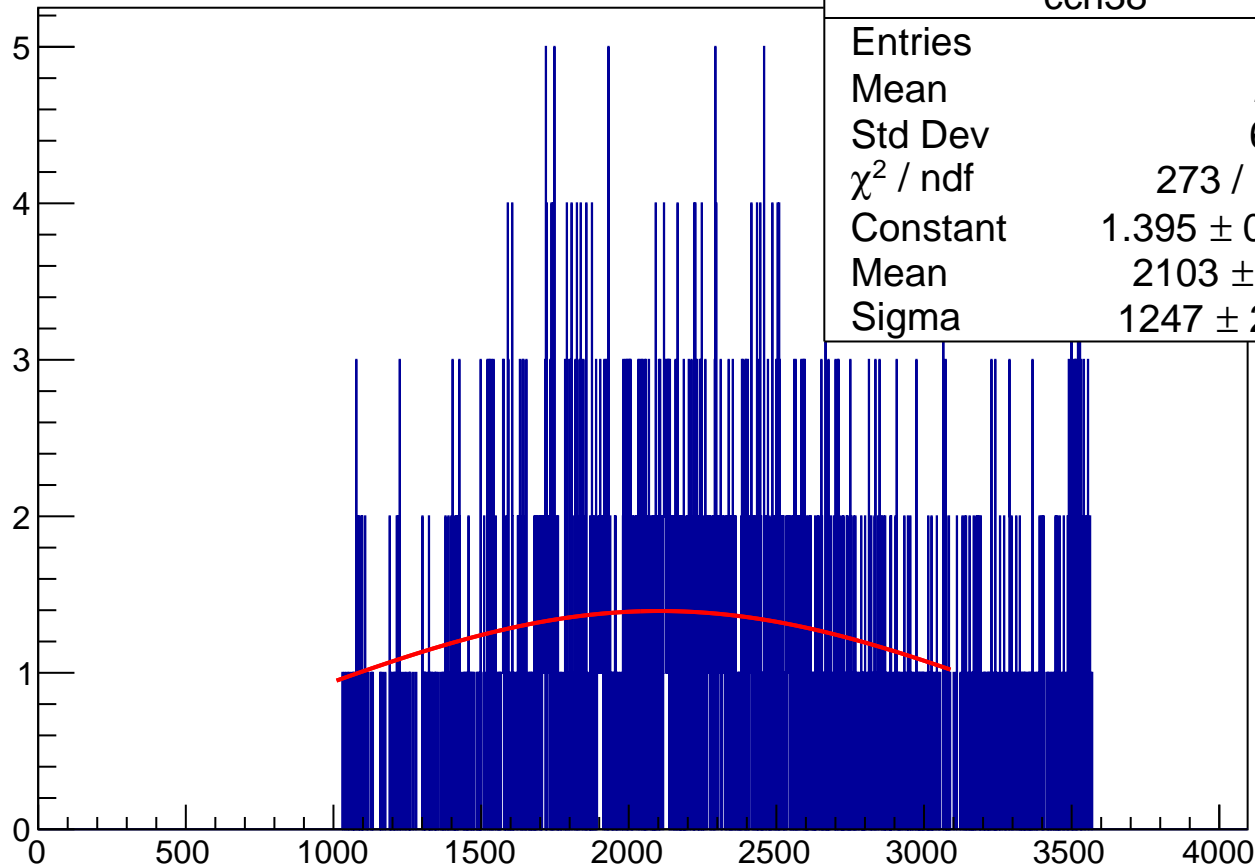
cch37



cch37

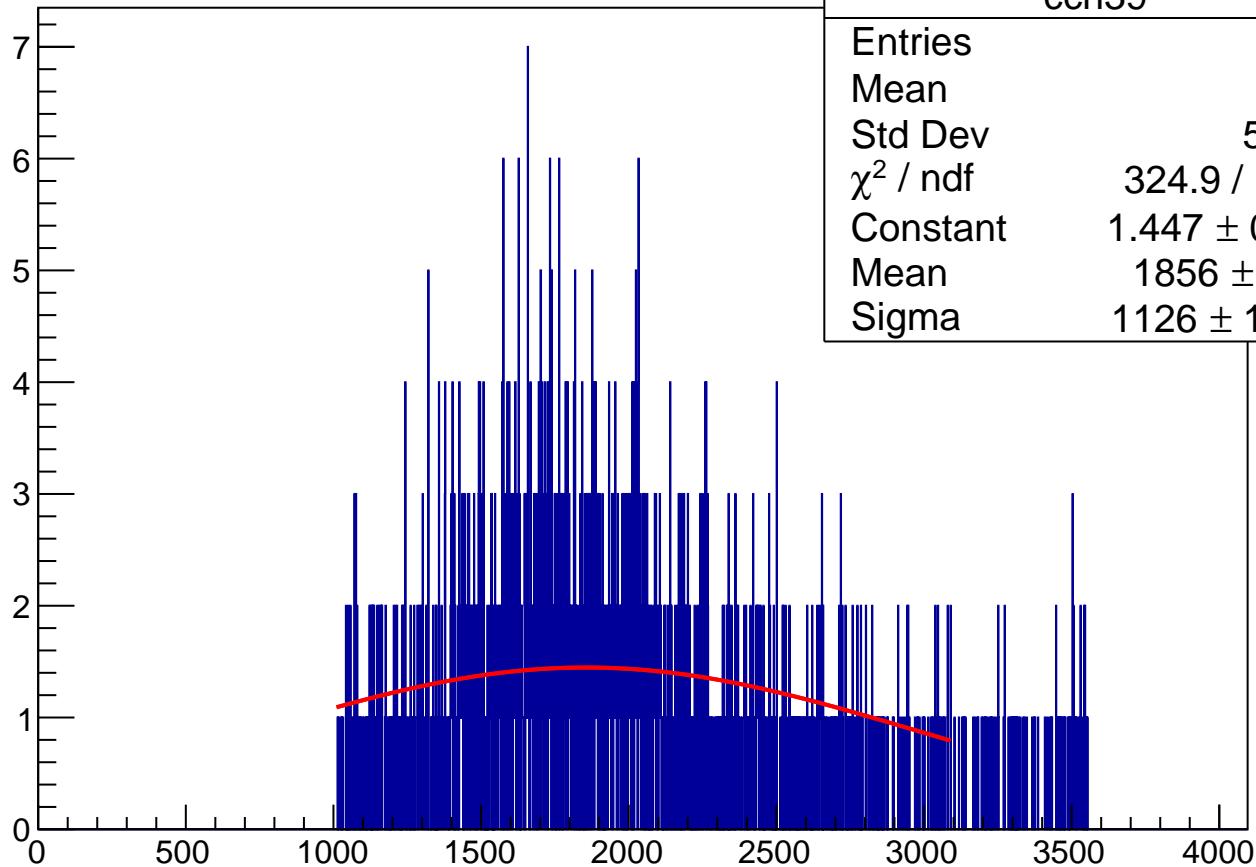
Entries	1901
Mean	2265
Std Dev	625.6
χ^2 / ndf	263.7 / 1098
Constant	1.35 ± 0.05
Mean	2109 ± 100.5
Sigma	1361 ± 256.7

cch38



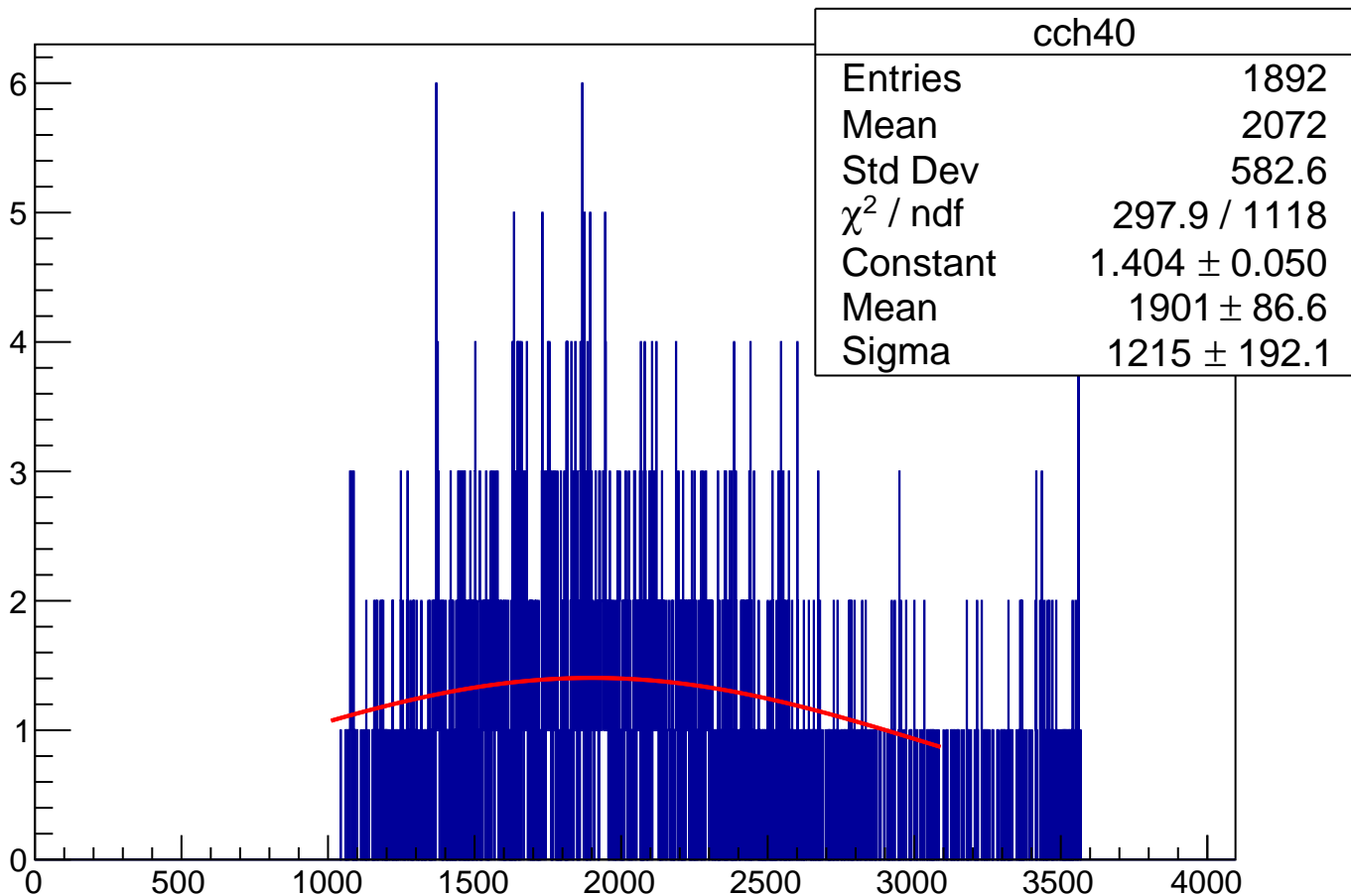
cch38	
Entries	1924
Mean	2316
Std Dev	636.1
χ^2 / ndf	273 / 1055
Constant	1.395 ± 0.053
Mean	2103 ± 85.3
Sigma	1247 ± 206.1

cch39

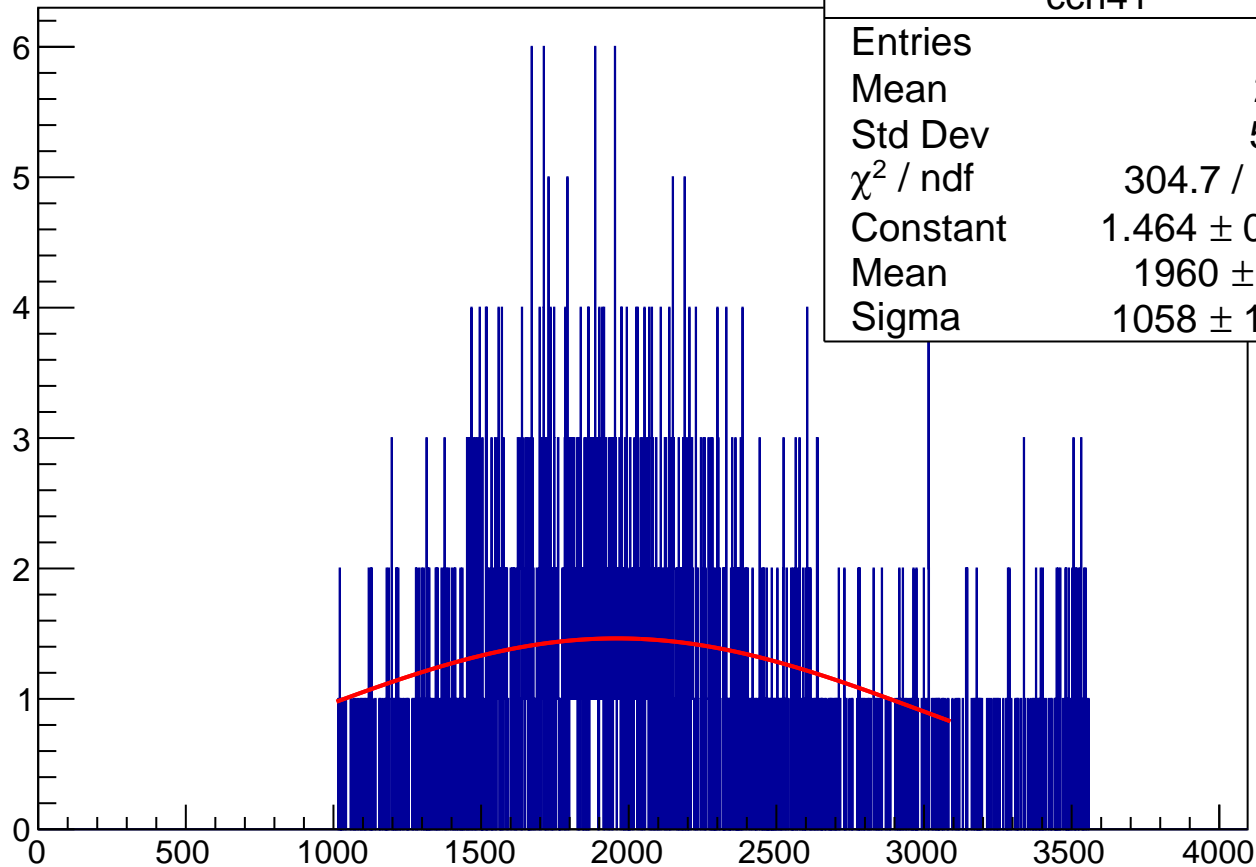


cch39	
Entries	1893
Mean	1973
Std Dev	559.2
χ^2 / ndf	324.9 / 1107
Constant	1.447 ± 0.051
Mean	1856 ± 74.2
Sigma	1126 ± 158.0

cch40

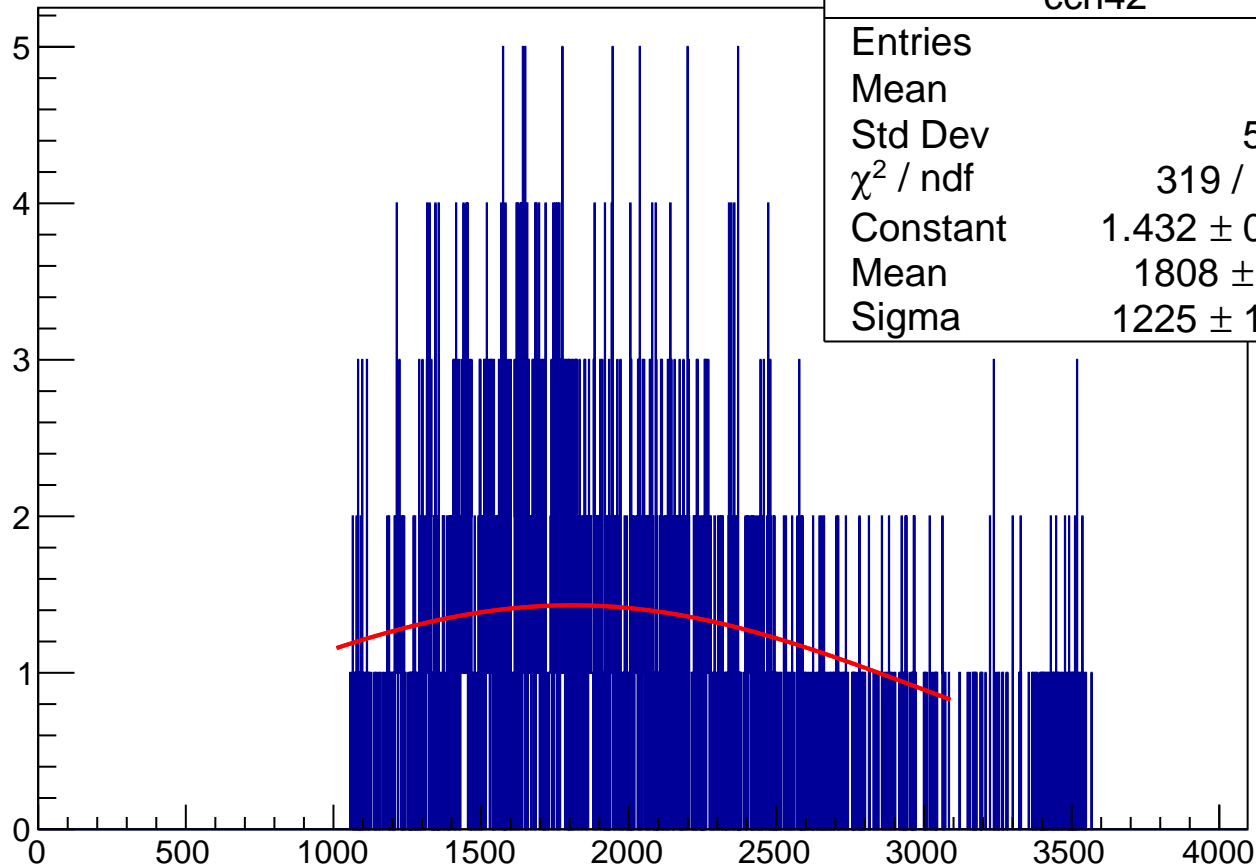


cch41



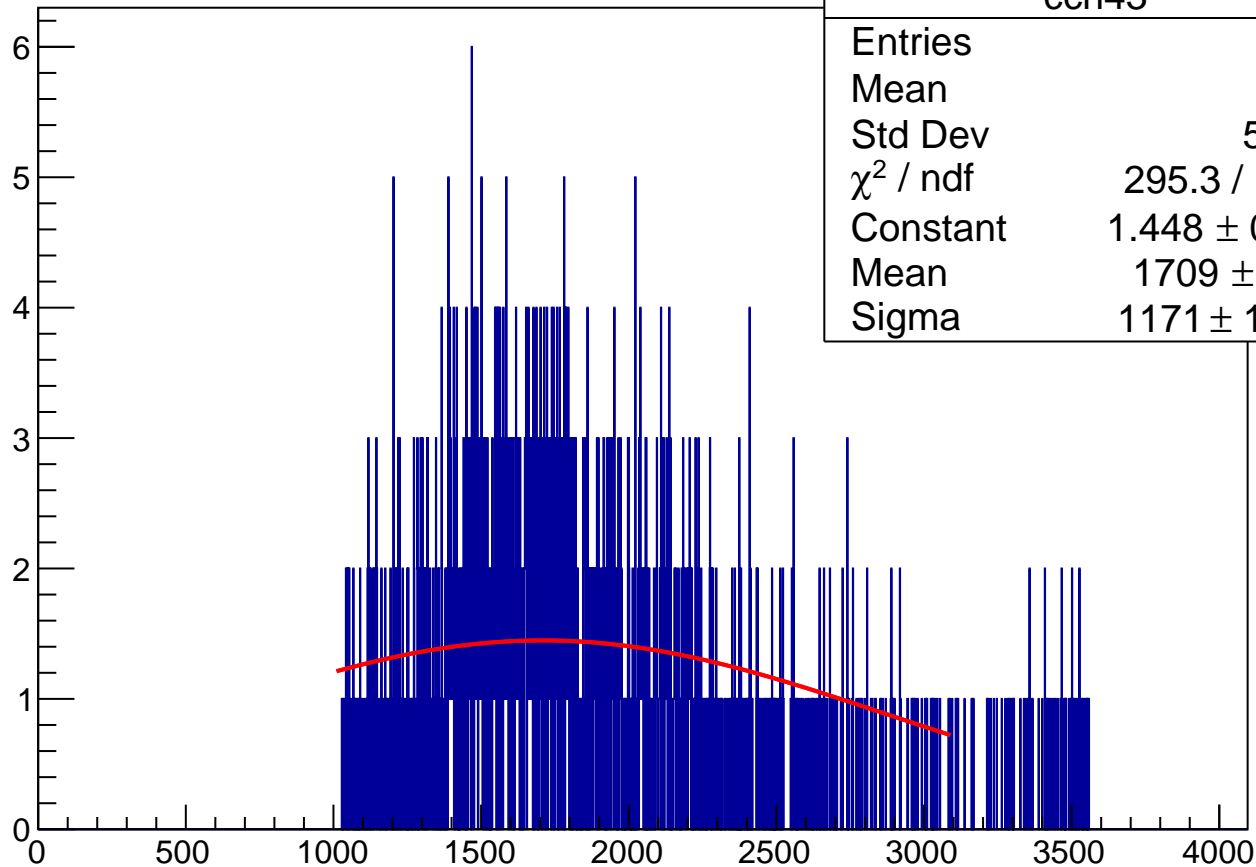
cch41	
Entries	1852
Mean	2083
Std Dev	578.1
χ^2 / ndf	304.7 / 1054
Constant	1.464 ± 0.052
Mean	1960 ± 66.0
Sigma	1058 ± 132.7

cch42



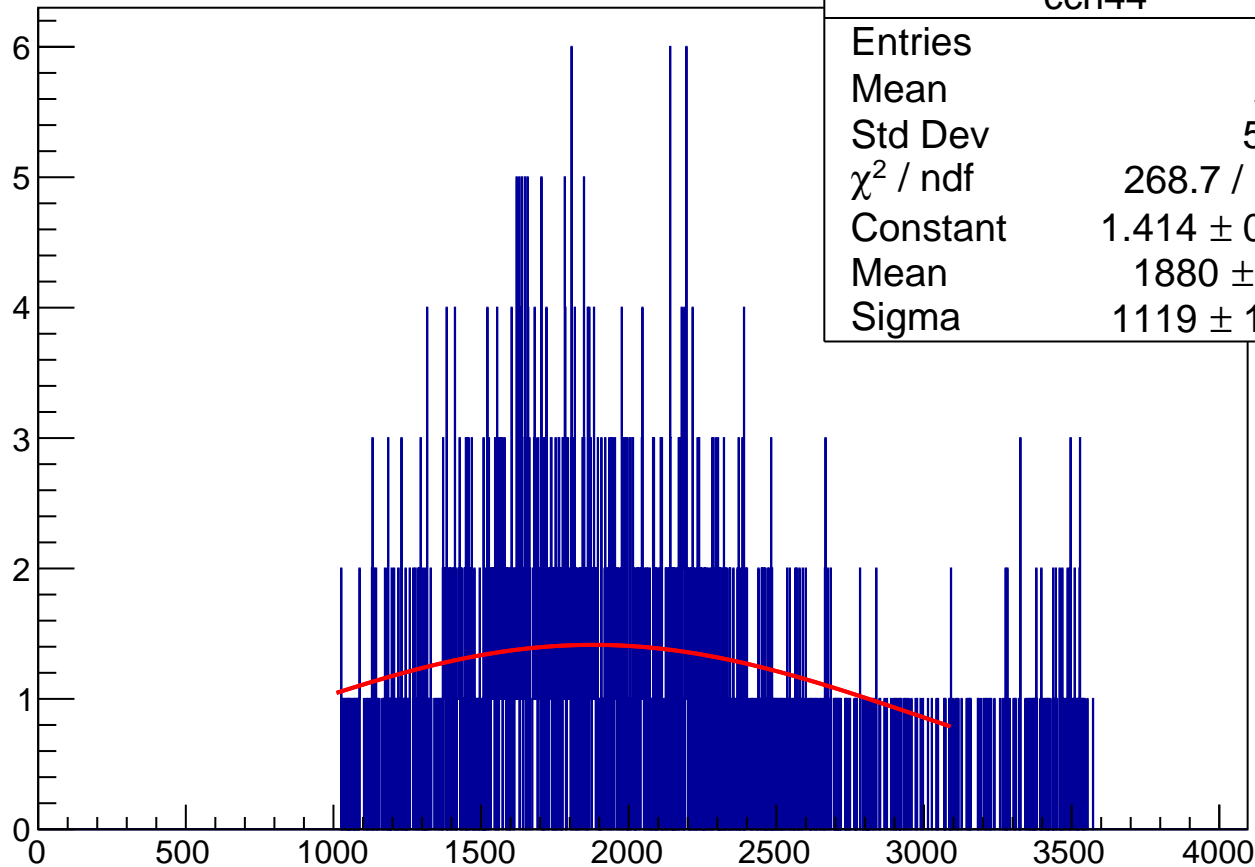
cch42	
Entries	1874
Mean	1971
Std Dev	566.6
χ^2 / ndf	319 / 1096
Constant	1.432 ± 0.050
Mean	1808 ± 93.3
Sigma	1225 ± 196.3

cch43



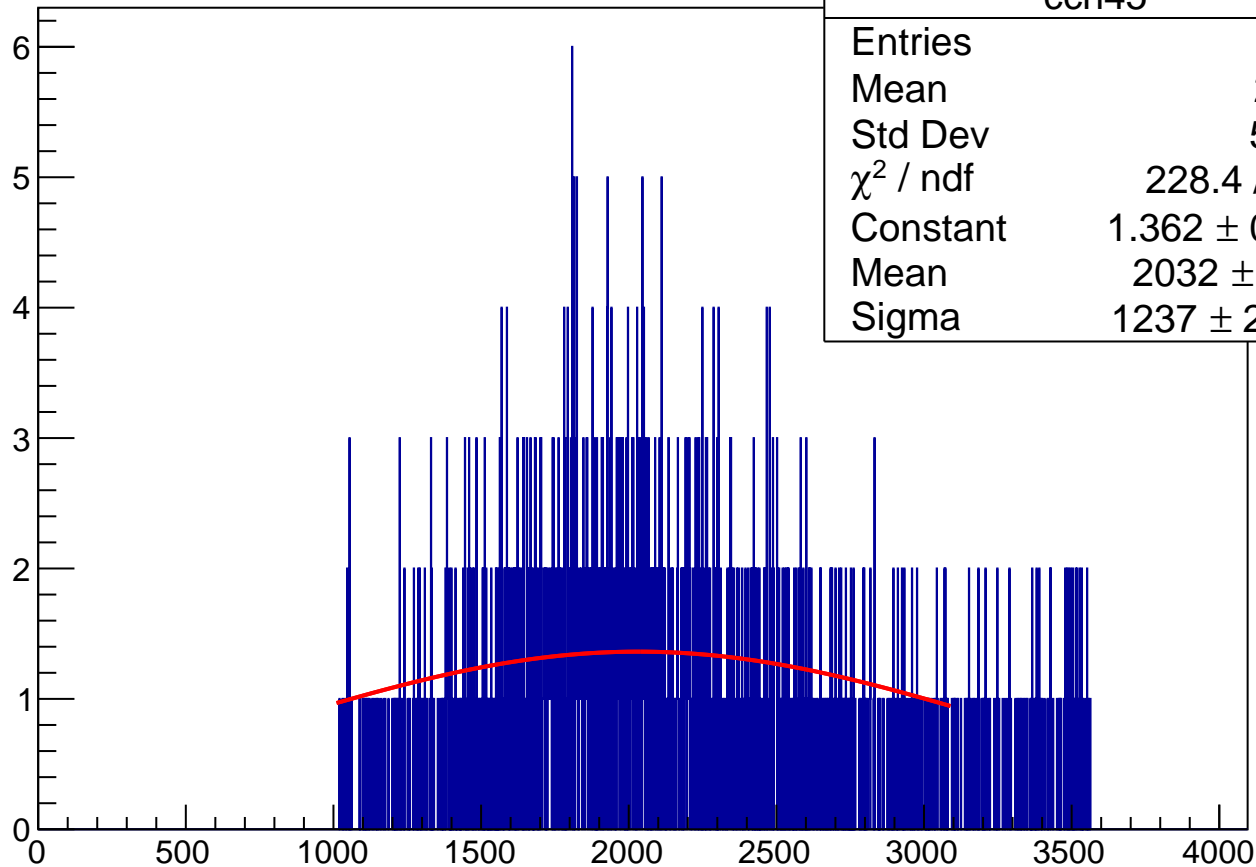
cch43	
Entries	1727
Mean	1874
Std Dev	537.6
χ^2 / ndf	295.3 / 1016
Constant	1.448 ± 0.051
Mean	1709 ± 97.9
Sigma	1171 ± 189.8

cch44



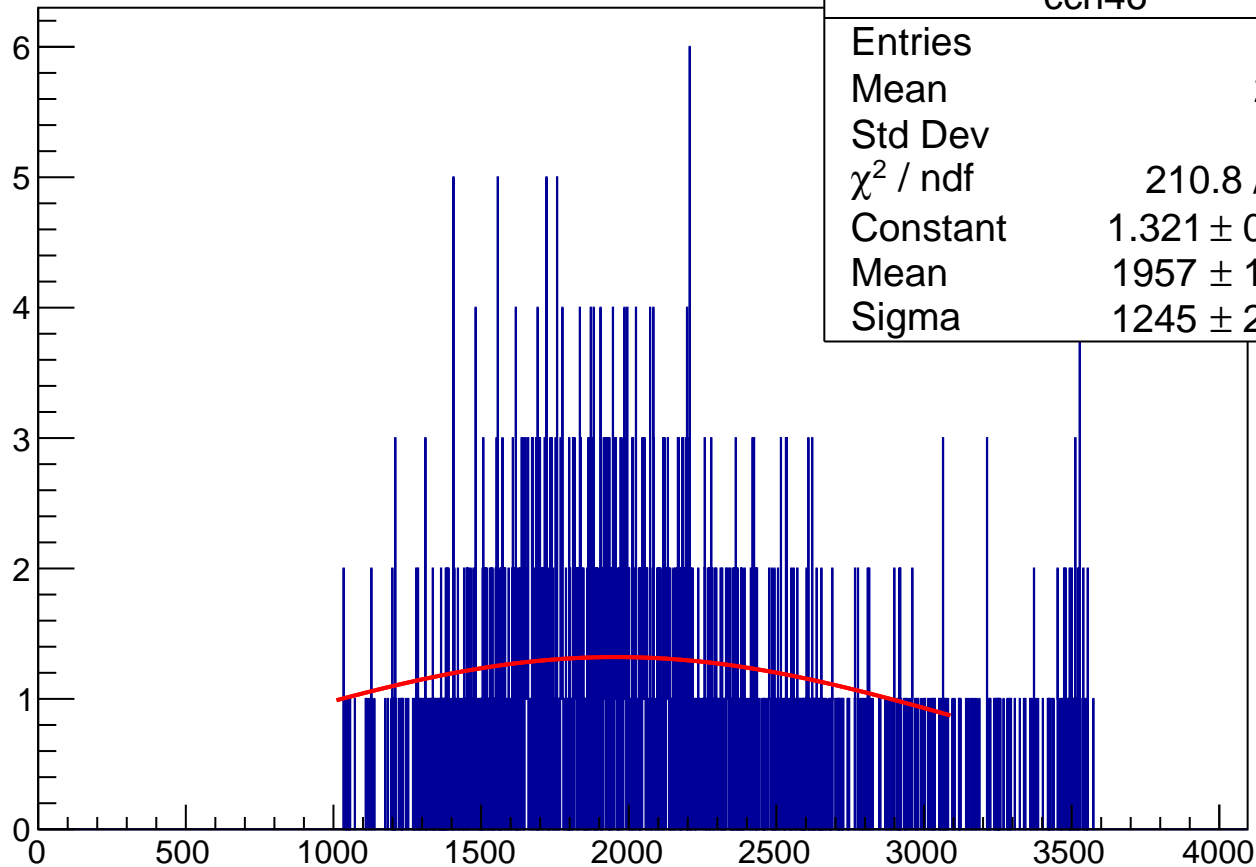
cch44	
Entries	1725
Mean	2006
Std Dev	580.7
χ^2 / ndf	268.7 / 1025
Constant	1.414 ± 0.052
Mean	1880 ± 77.8
Sigma	1119 ± 163.3

cch45



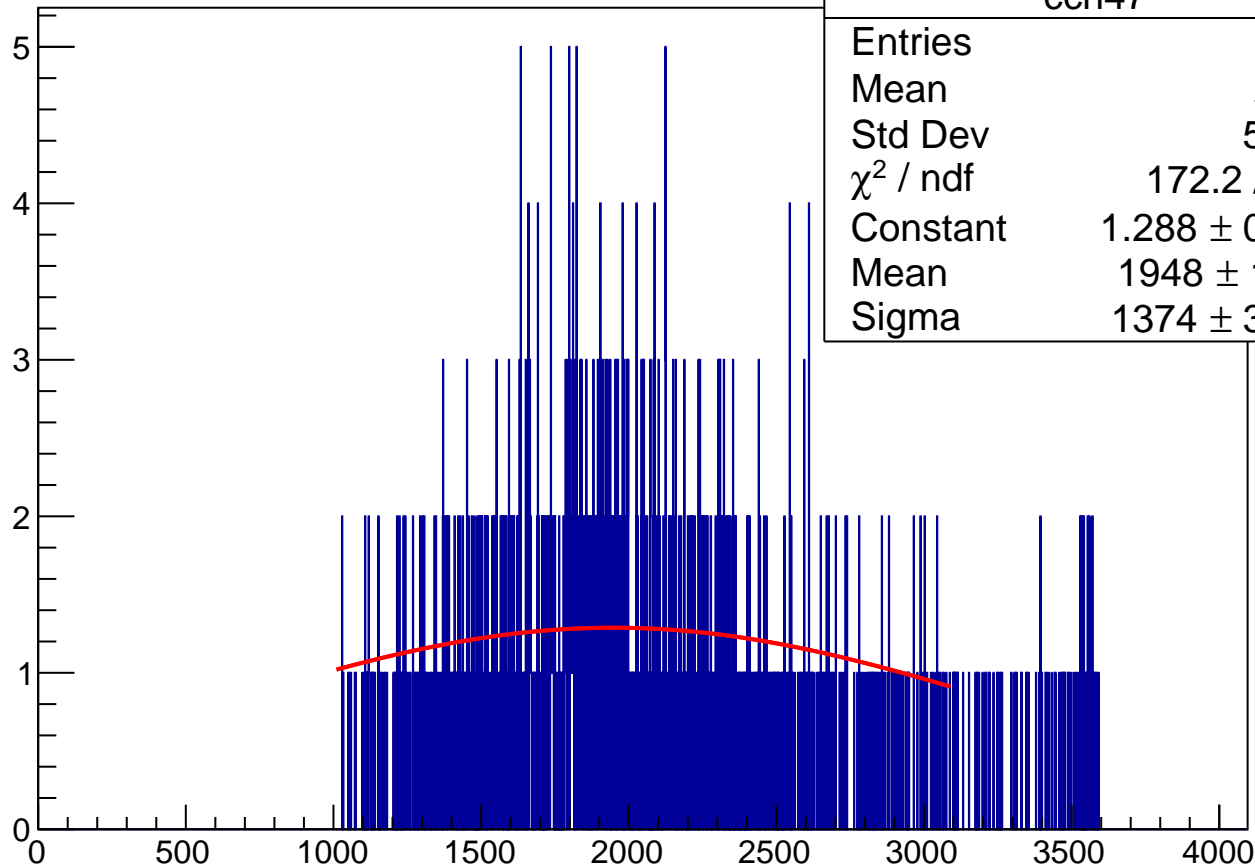
cch45	
Entries	1617
Mean	2146
Std Dev	583.1
χ^2 / ndf	228.4 / 984
Constant	1.362 ± 0.051
Mean	2032 ± 91.7
Sigma	1237 ± 207.0

cch46



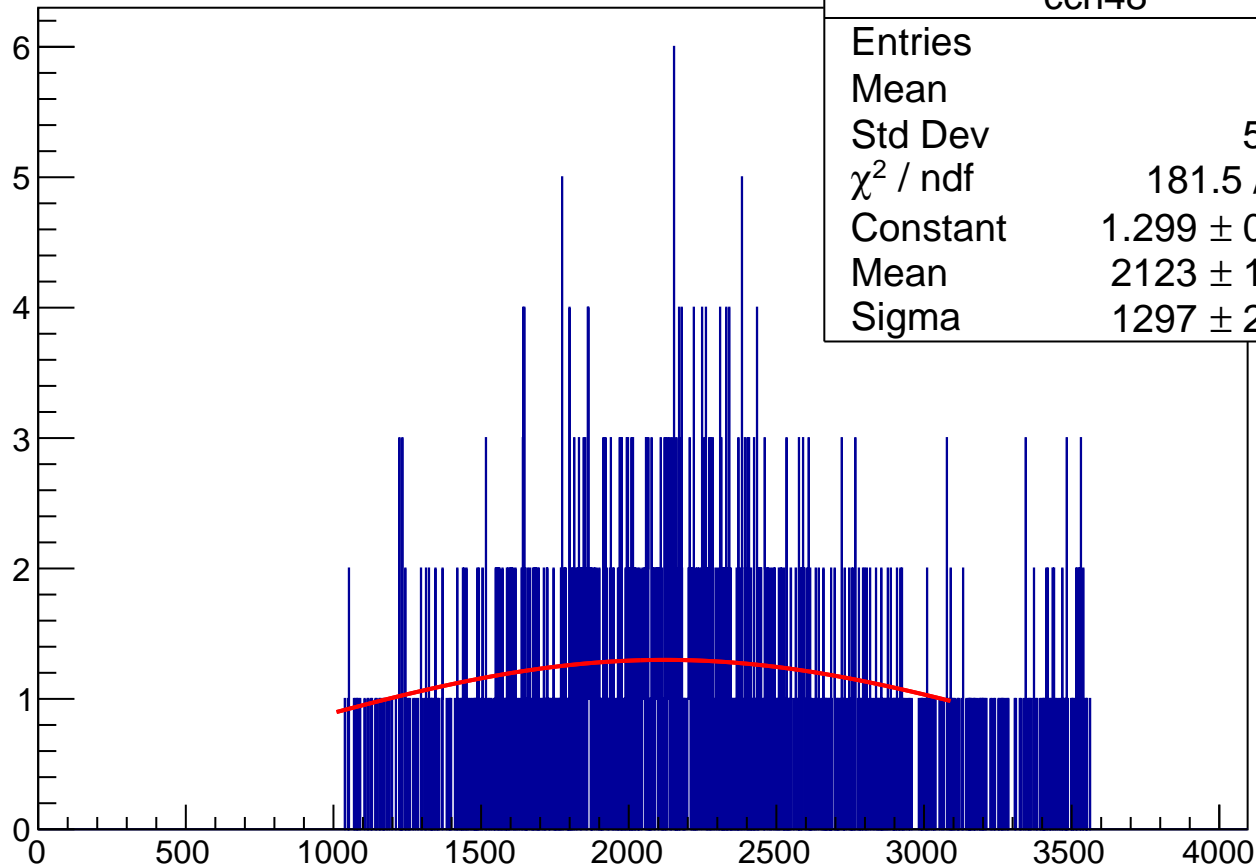
cch46	
Entries	1459
Mean	2109
Std Dev	561
χ^2 / ndf	210.8 / 917
Constant	1.321 ± 0.052
Mean	1957 ± 108.2
Sigma	1245 ± 254.3

cch47



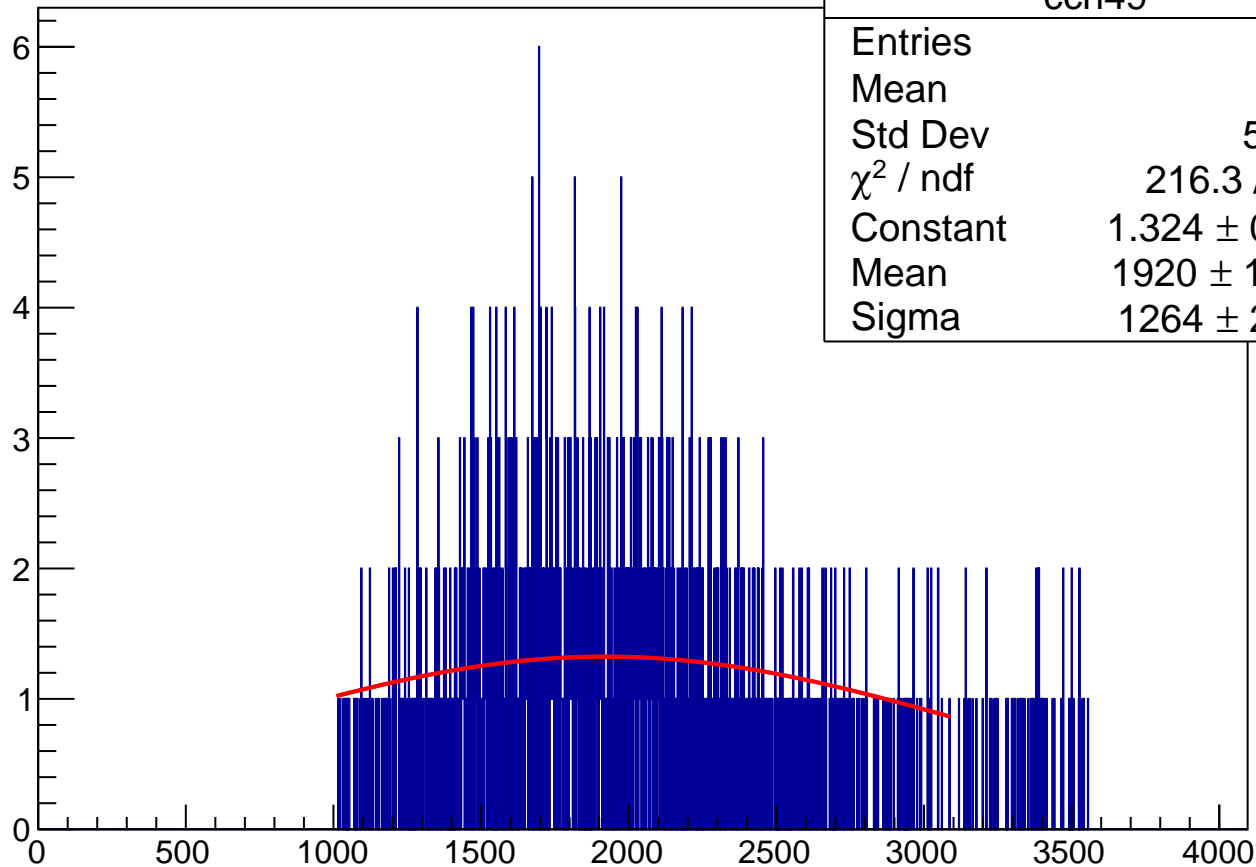
cch47	
Entries	1305
Mean	2070
Std Dev	573.6
χ^2 / ndf	172.2 / 850
Constant	1.288 ± 0.053
Mean	1948 ± 131.1
Sigma	1374 ± 329.3

cch48



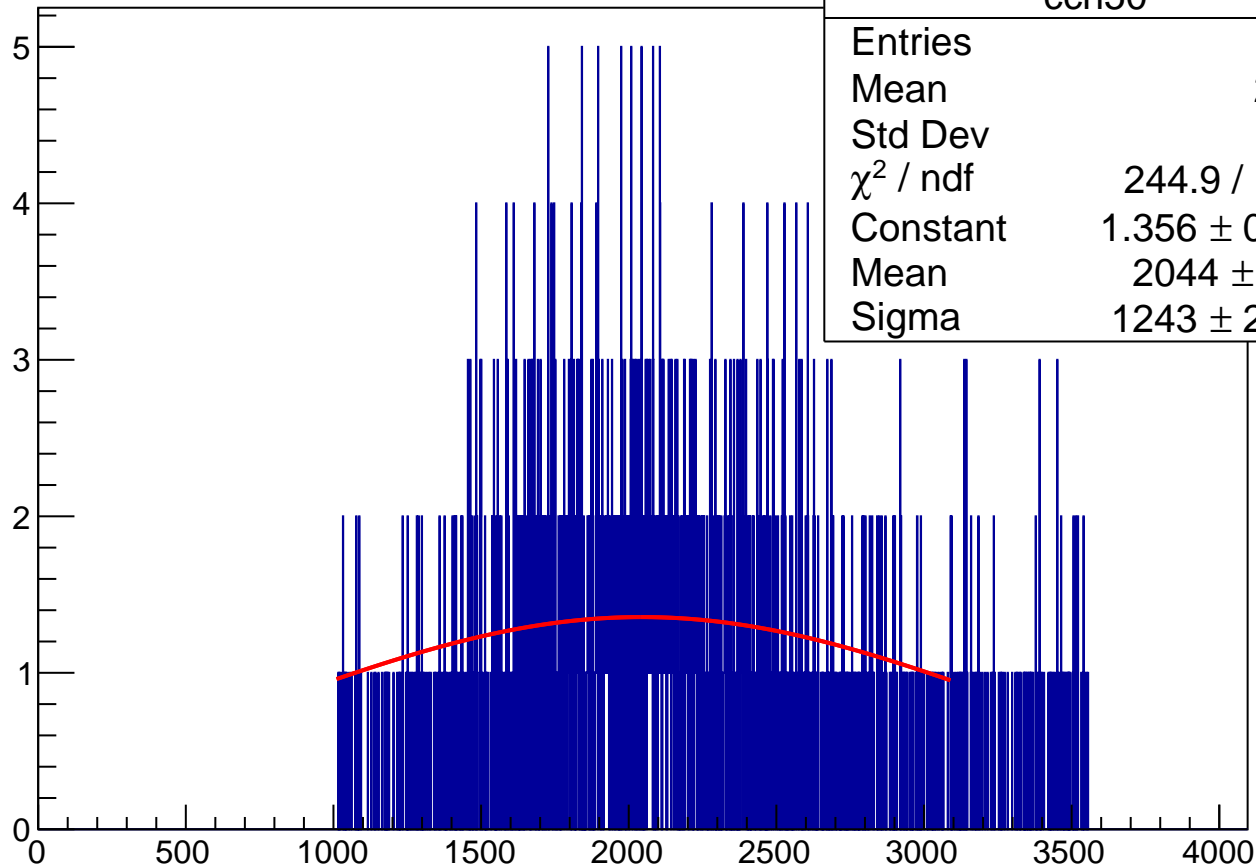
cch48	
Entries	1433
Mean	2241
Std Dev	577.5
χ^2 / nfd	181.5 / 913
Constant	1.299 ± 0.053
Mean	2123 ± 106.3
Sigma	1297 ± 266.4

cch49



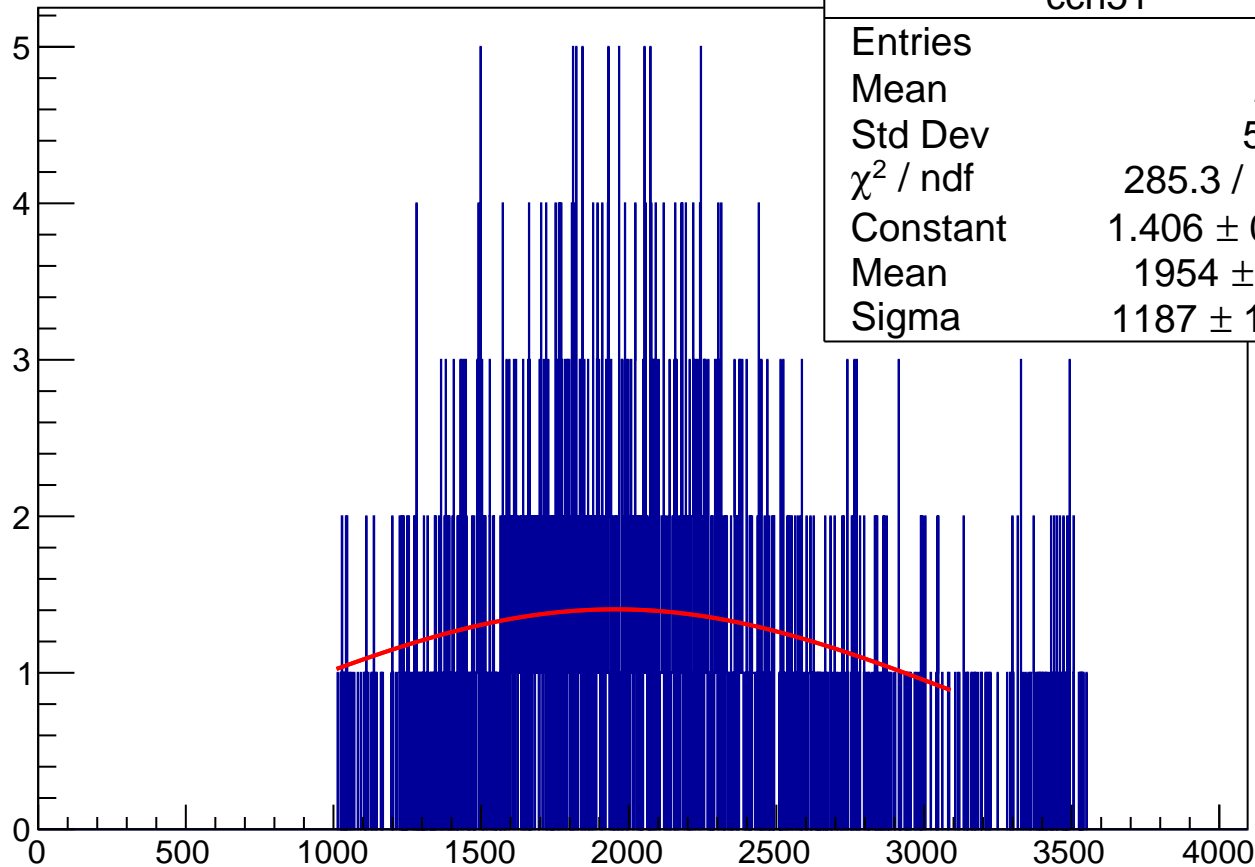
cch49	
Entries	1465
Mean	1996
Std Dev	522.6
χ^2 / ndf	216.3 / 949
Constant	1.324 ± 0.051
Mean	1920 ± 105.0
Sigma	1264 ± 256.1

cch50



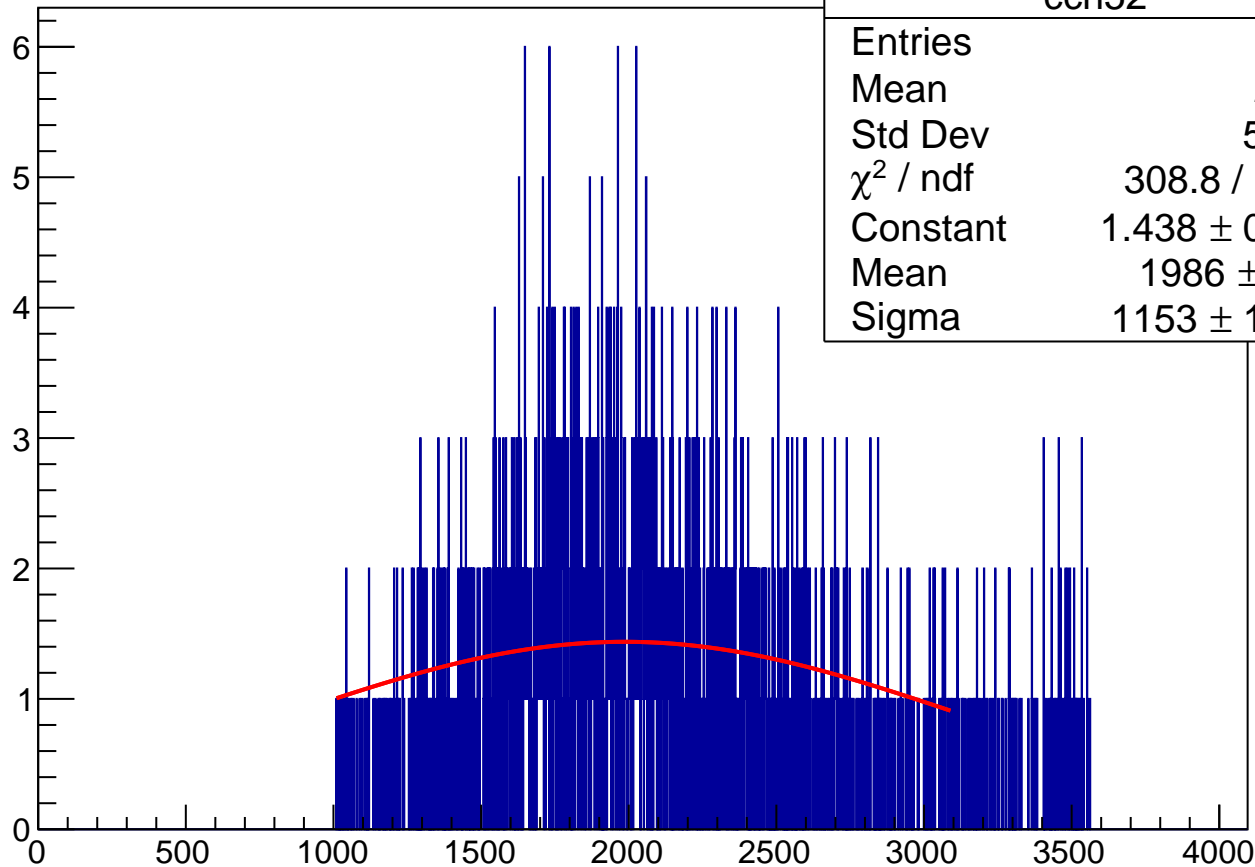
cch50	
Entries	1661
Mean	2166
Std Dev	554
χ^2 / ndf	244.9 / 1014
Constant	1.356 ± 0.050
Mean	2044 ± 94.0
Sigma	1243 ± 218.9

cch51



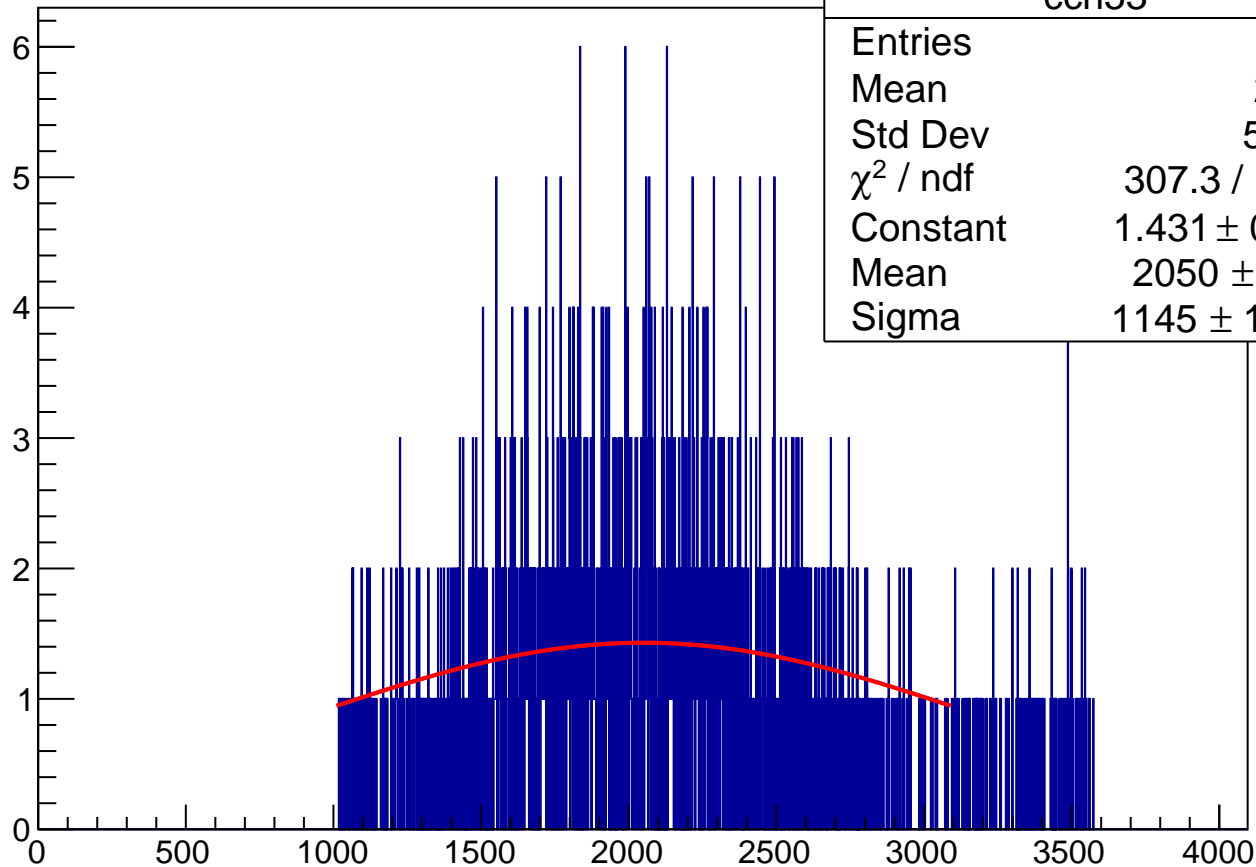
cch51	
Entries	1771
Mean	2060
Std Dev	548.8
χ^2 / ndf	285.3 / 1060
Constant	1.406 ± 0.051
Mean	1954 ± 83.3
Sigma	1187 ± 192.6

cch52



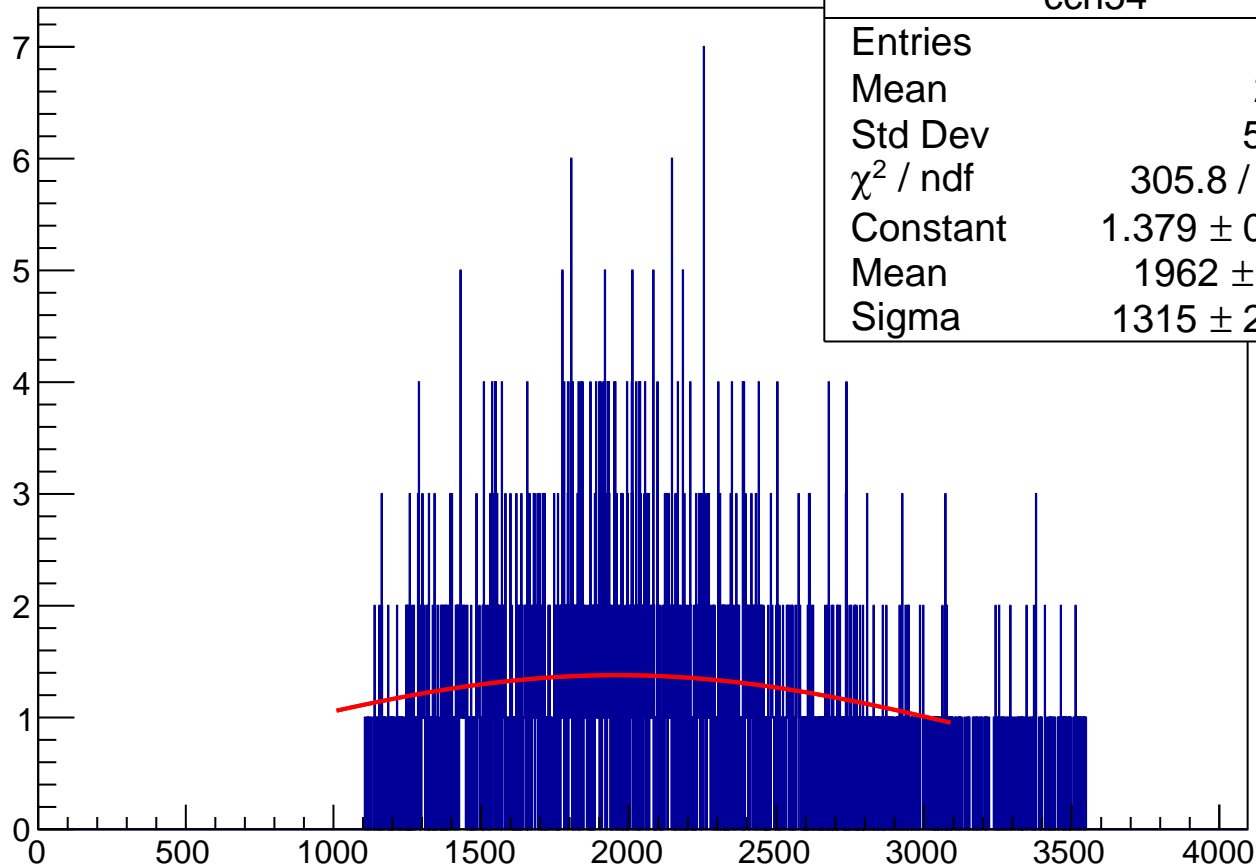
cch52	
Entries	1909
Mean	2128
Std Dev	562.8
χ^2 / ndf	308.8 / 1102
Constant	1.438 ± 0.050
Mean	1986 ± 76.1
Sigma	1153 ± 160.9

cch53



cch53	
Entries	1855
Mean	2115
Std Dev	556.3
χ^2 / ndf	307.3 / 1070
Constant	1.431 ± 0.051
Mean	2050 ± 76.3
Sigma	1145 ± 166.0

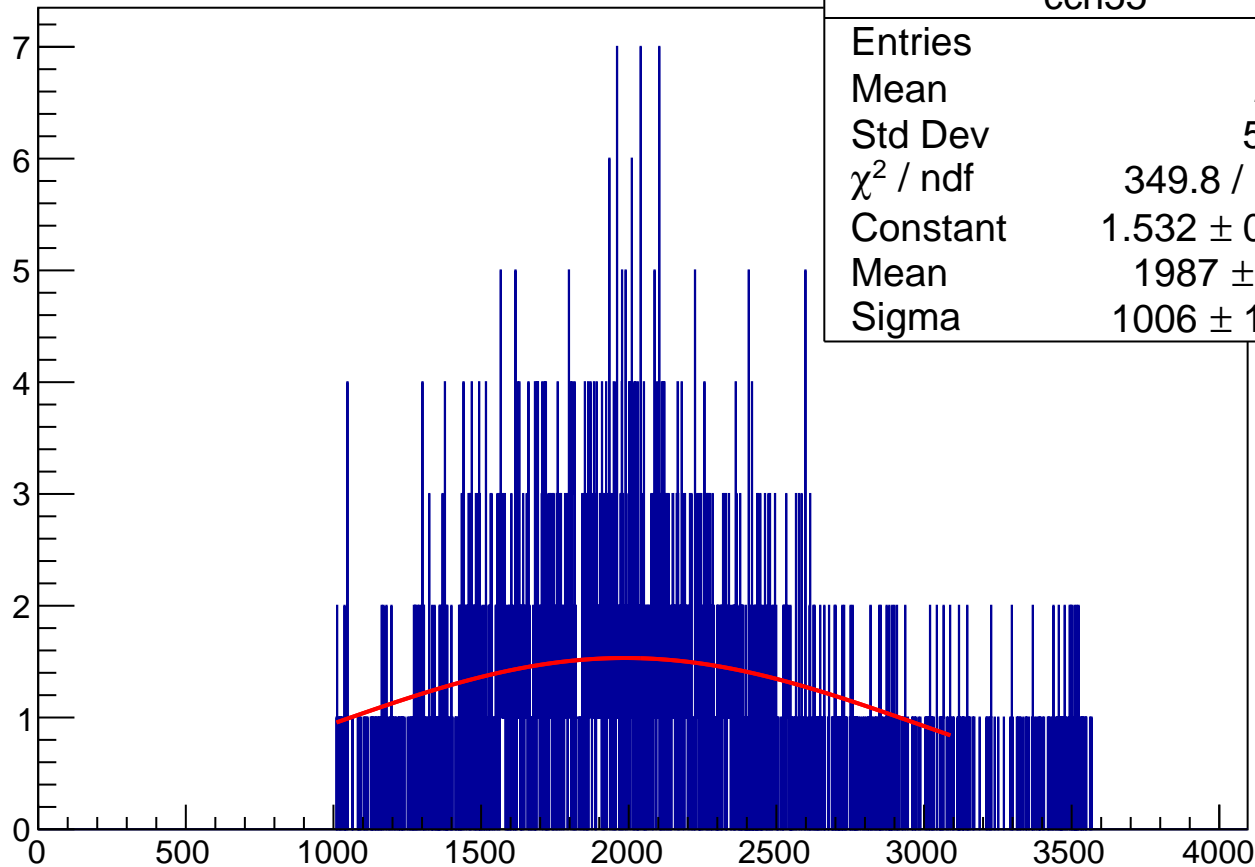
cch54



cch54

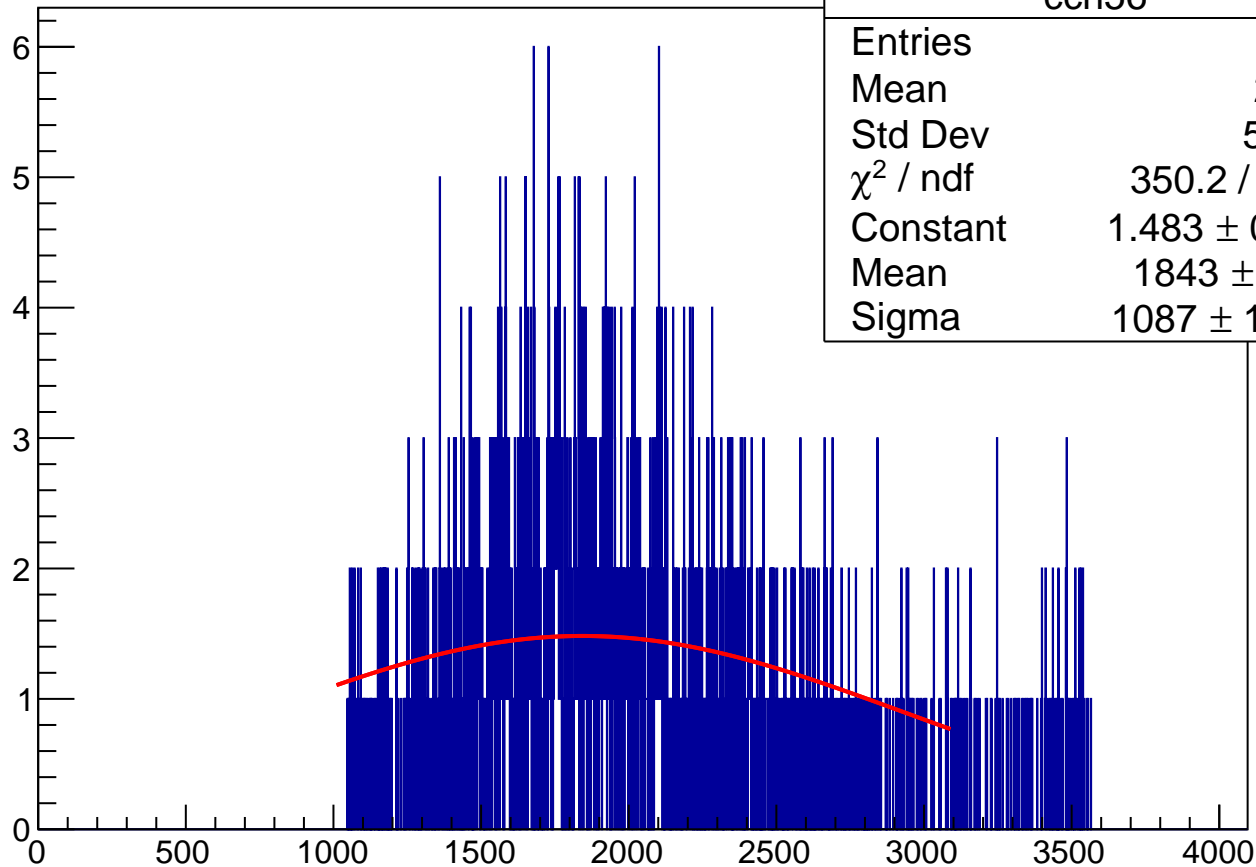
Entries	1874
Mean	2126
Std Dev	575.9
χ^2 / nfd	305.8 / 1111
Constant	1.379 ± 0.050
Mean	1962 ± 99.6
Sigma	1315 ± 241.5

cch55



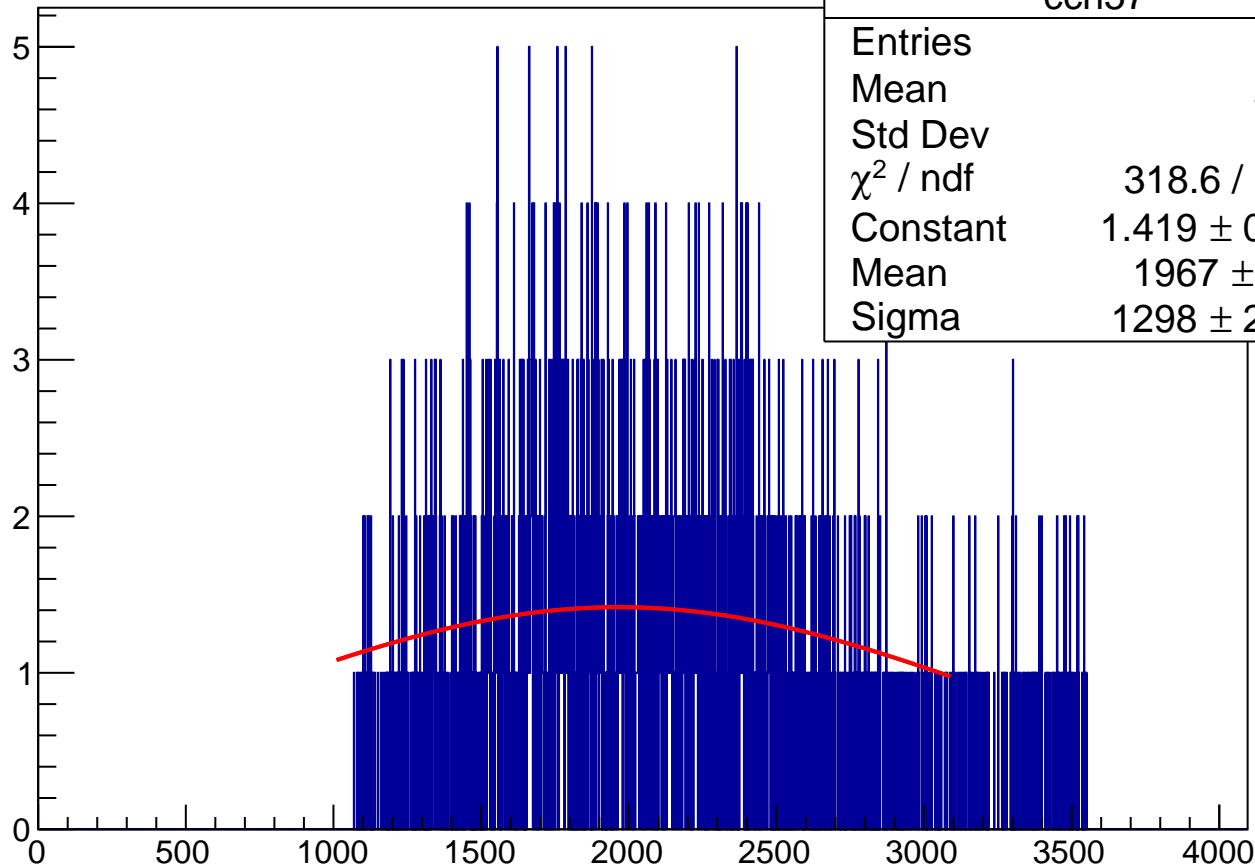
cch55	
Entries	1968
Mean	2077
Std Dev	544.8
χ^2 / ndf	349.8 / 1090
Constant	1.532 ± 0.053
Mean	1987 ± 57.4
Sigma	1006 ± 111.7

cch56



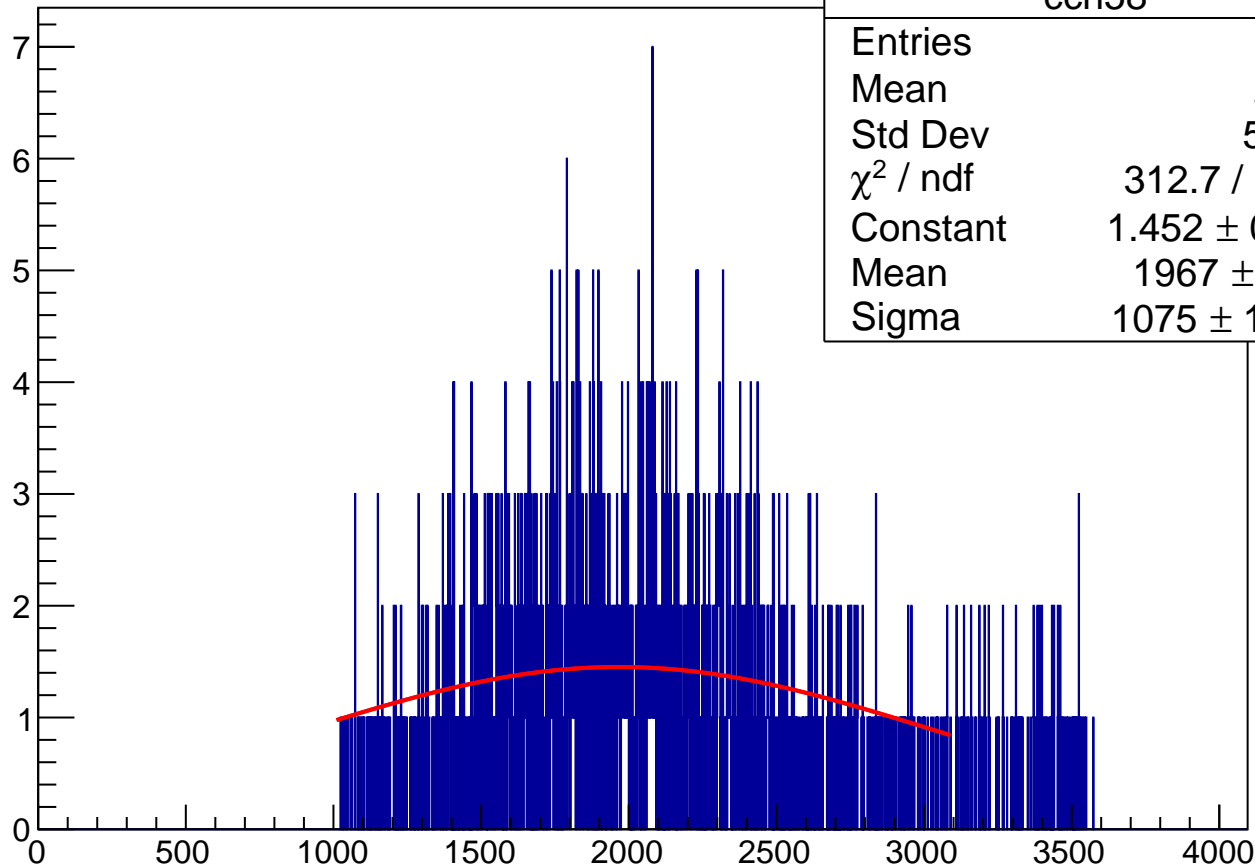
cch56	
Entries	1995
Mean	2014
Std Dev	547.3
χ^2 / ndf	350.2 / 1141
Constant	1.483 ± 0.051
Mean	1843 ± 70.5
Sigma	1087 ± 140.9

cch57



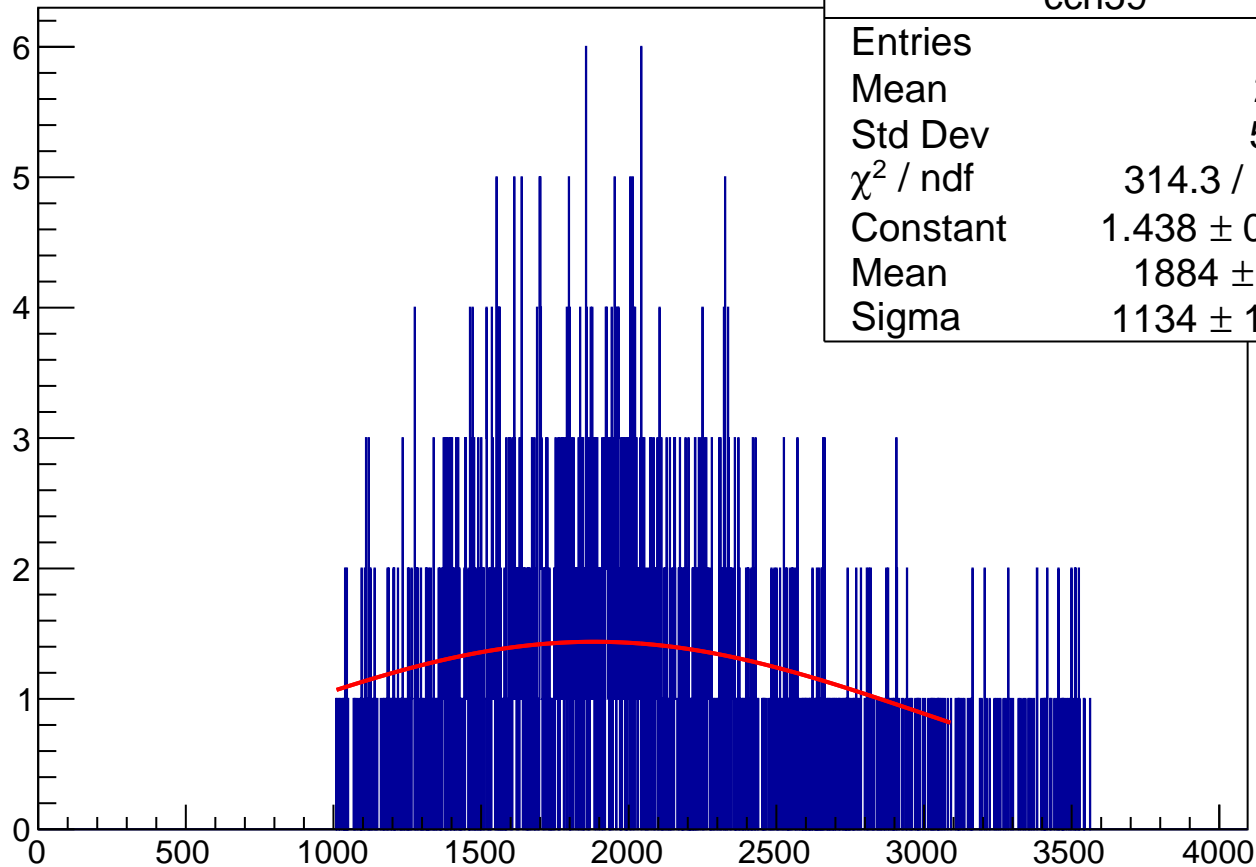
cch57	
Entries	1928
Mean	2097
Std Dev	556
χ^2 / ndf	318.6 / 1120
Constant	1.419 ± 0.049
Mean	1967 ± 96.0
Sigma	1298 ± 225.9

cch58



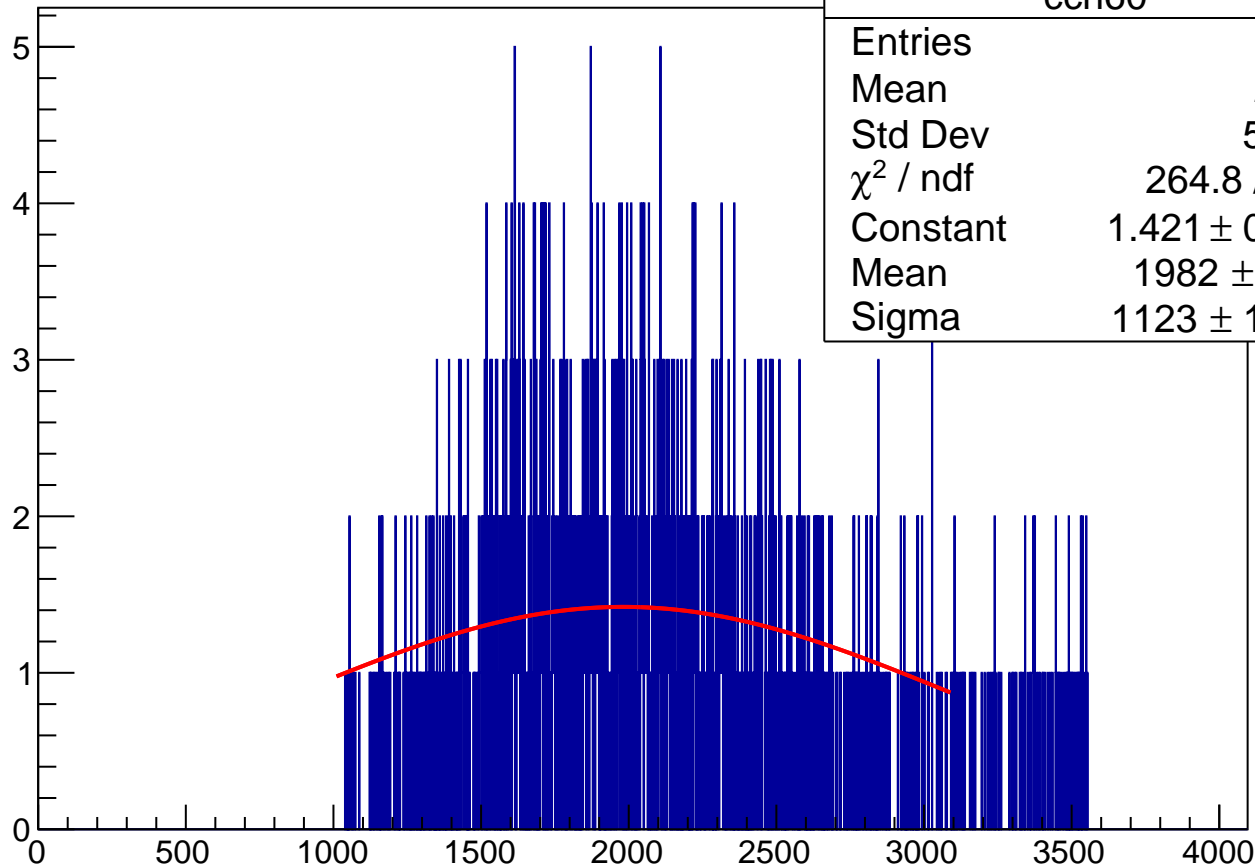
cch58	
Entries	1858
Mean	2073
Std Dev	549.2
χ^2 / ndf	312.7 / 1077
Constant	1.452 ± 0.051
Mean	1967 ± 66.9
Sigma	1075 ± 136.0

cch59



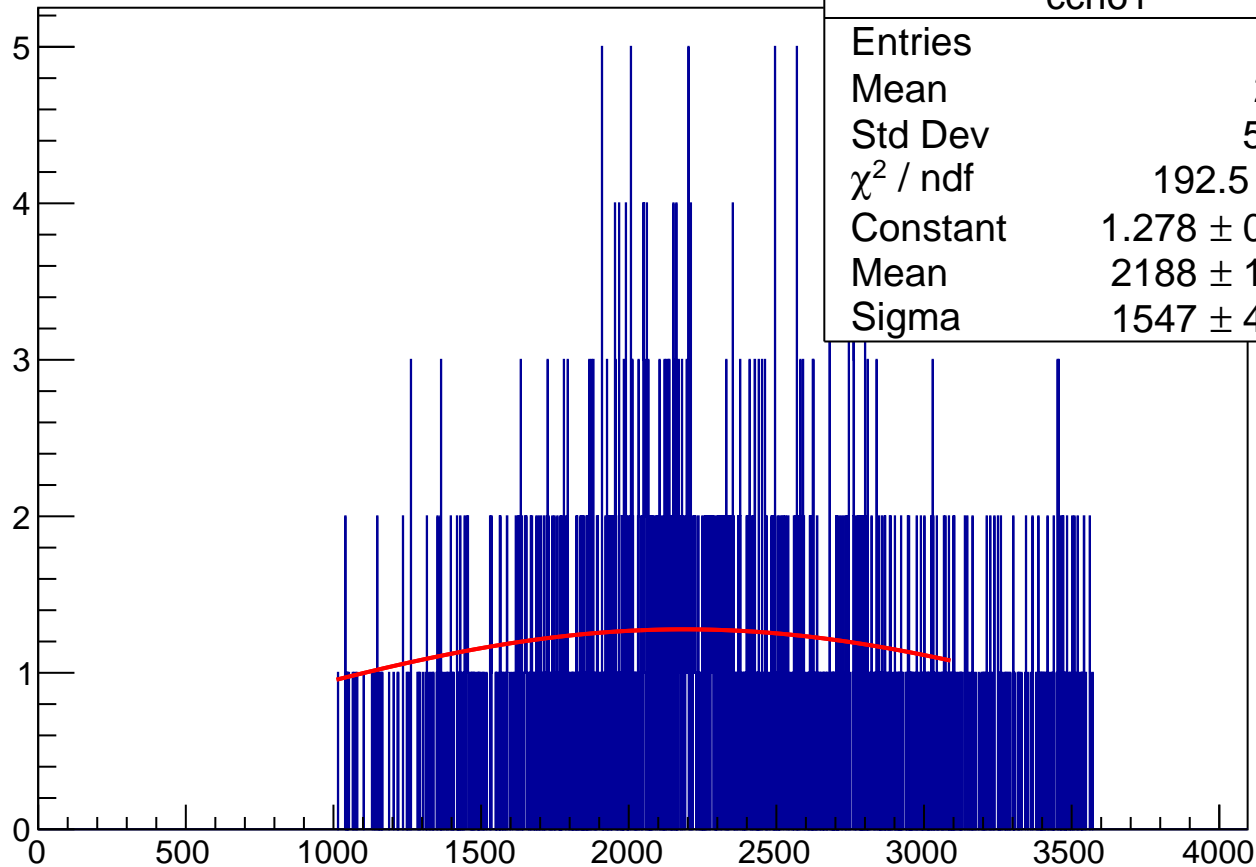
cch59	
Entries	1834
Mean	2005
Std Dev	537.1
χ^2 / ndf	314.3 / 1089
Constant	1.438 ± 0.050
Mean	1884 ± 76.8
Sigma	1134 ± 155.8

cch60



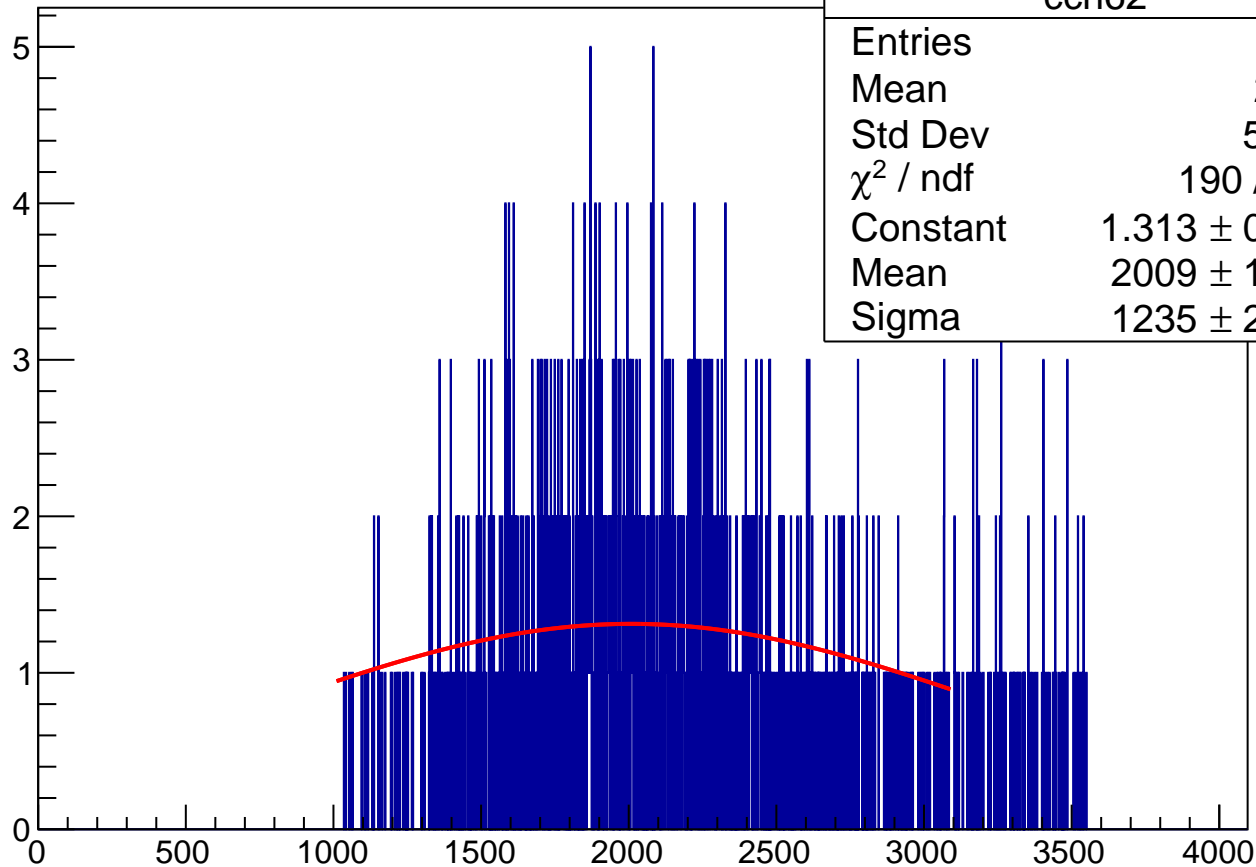
cch60	
Entries	1666
Mean	2083
Std Dev	547.7
χ^2 / ndf	264.8 / 994
Constant	1.421 ± 0.053
Mean	1982 ± 76.2
Sigma	1123 ± 165.9

cch61



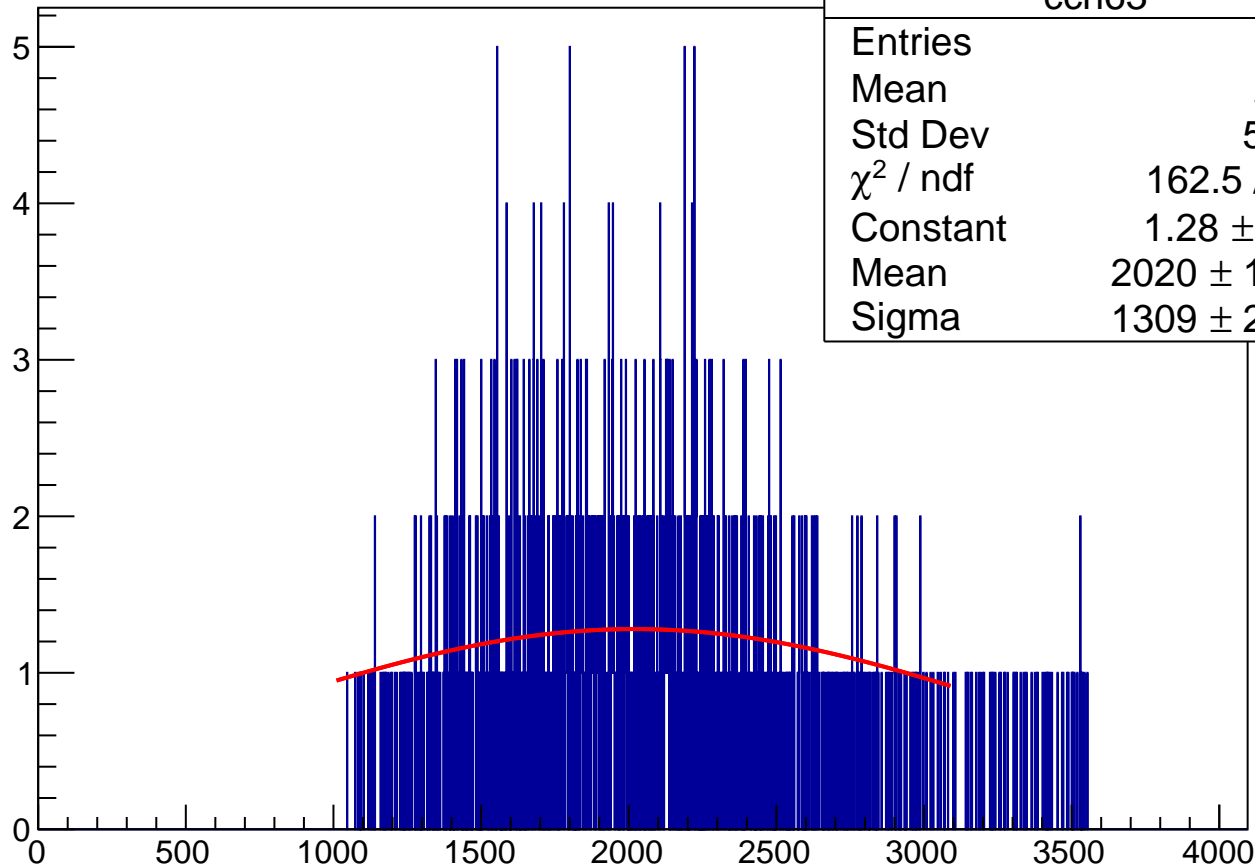
cch61	
Entries	1531
Mean	2324
Std Dev	582.5
χ^2 / ndf	192.5 / 961
Constant	1.278 ± 0.050
Mean	2188 ± 145.0
Sigma	1547 ± 404.2

cch62



cch62	
Entries	1417
Mean	2167
Std Dev	535.9
χ^2 / ndf	190 / 909
Constant	1.313 ± 0.052
Mean	2009 ± 105.8
Sigma	1235 ± 243.5

cch63



cch63	
Entries	1274
Mean	2067
Std Dev	527.3
χ^2 / ndf	162.5 / 865
Constant	1.28 ± 0.05
Mean	2020 ± 117.8
Sigma	1309 ± 294.6