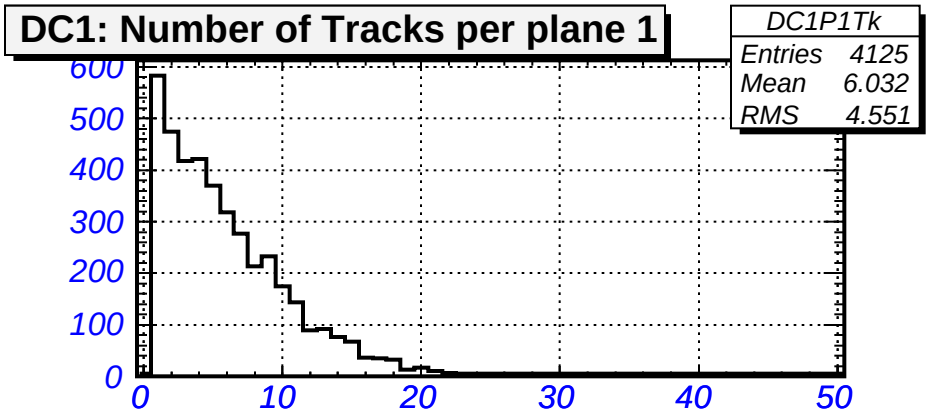
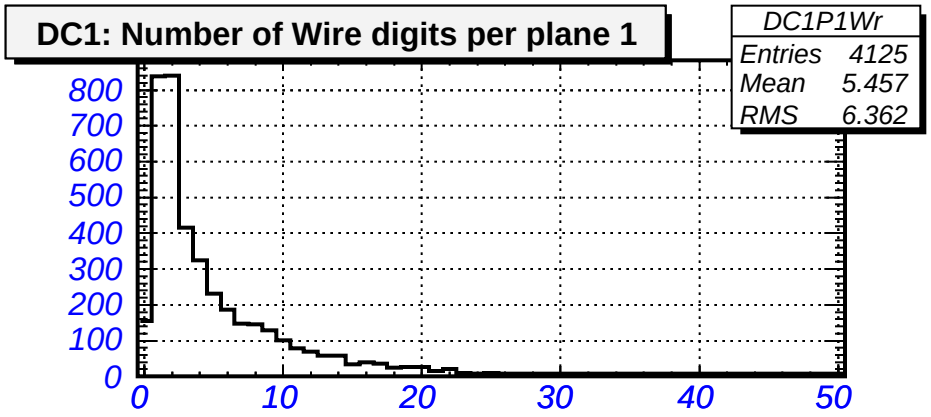
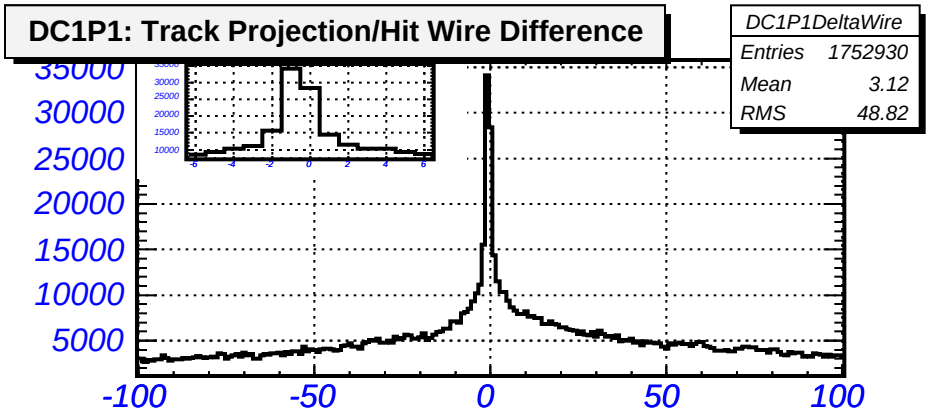
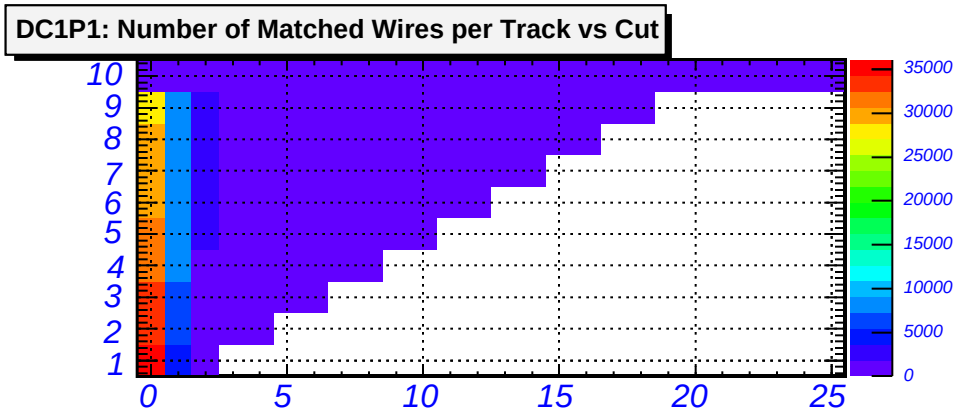
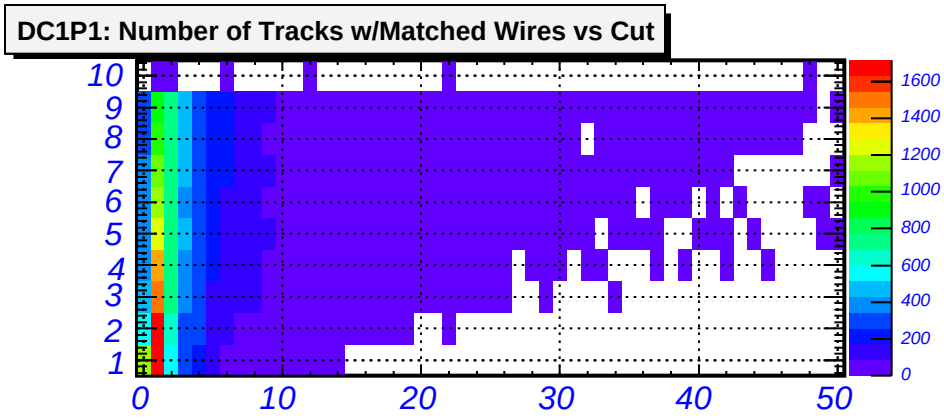
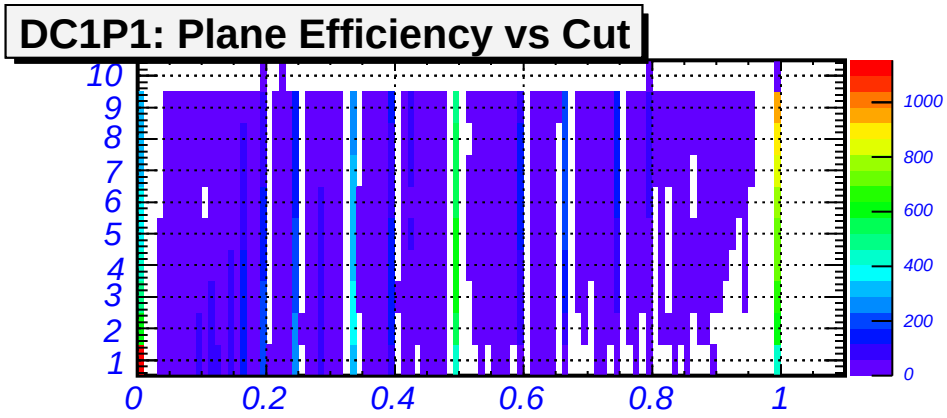

DC1: Number of Tracks per plane 1
DC1P1Tk
Entries 4125
Mean 6.032
RMS 4.551


DC1: Number of Wire digits per plane 1
DC1P1Wr
Entries 4125
Mean 5.457
RMS 6.362

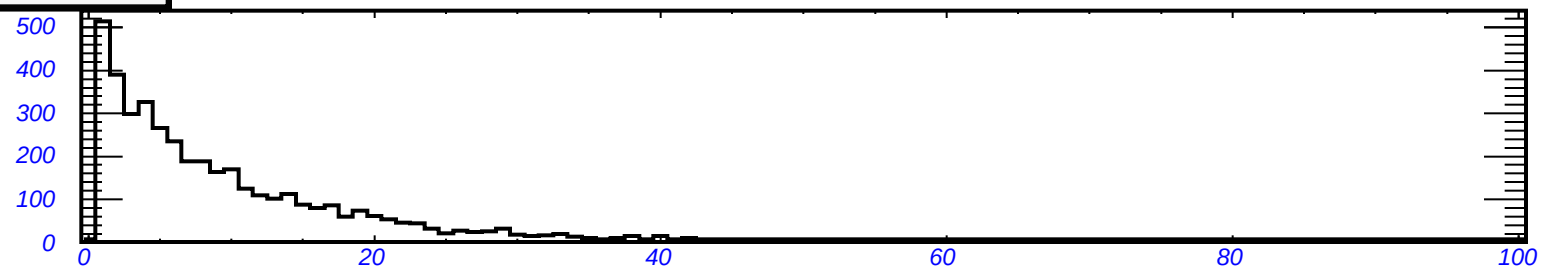

DC1P1: Track Projection/Hit Wire Difference
DC1P1DeltaWire
Entries 1752930
Mean 3.12
RMS 48.82


DC1P1: Number of Matched Wires per Track vs Cut

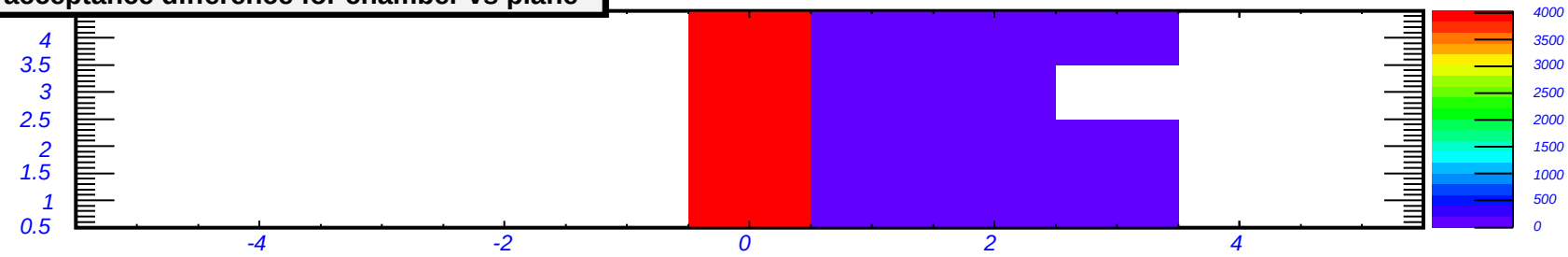

DC1P1: Number of Tracks w/Matched Wires vs Cut

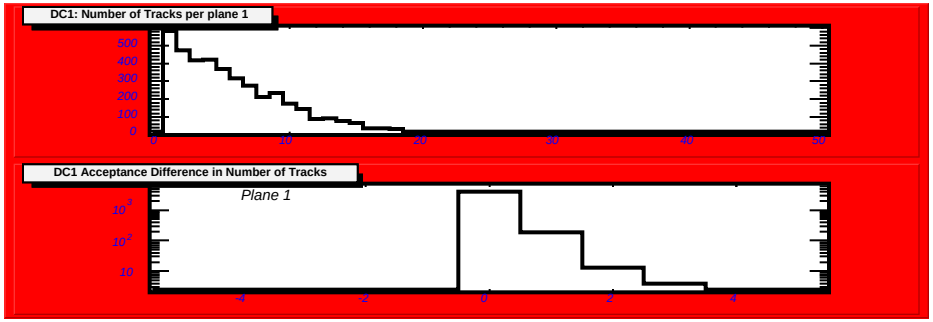

DC1P1: Plane Efficiency vs Cut

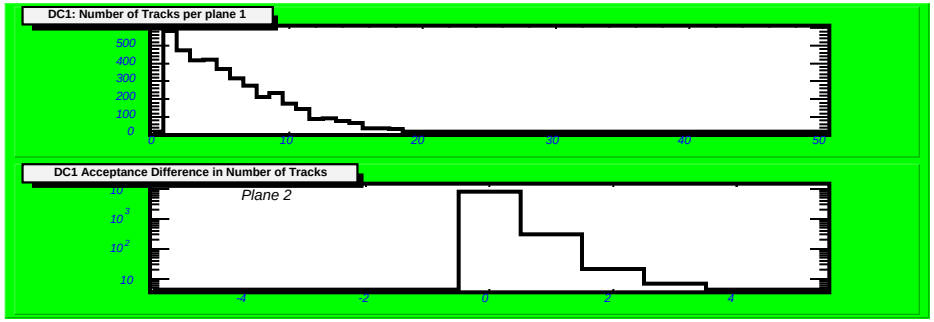
Number of raw Tracks

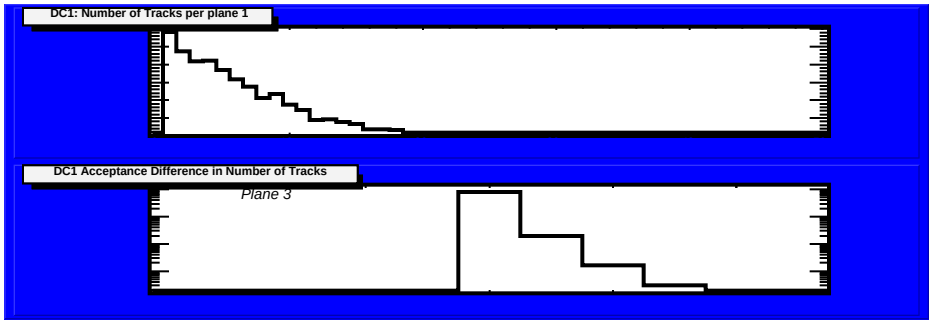


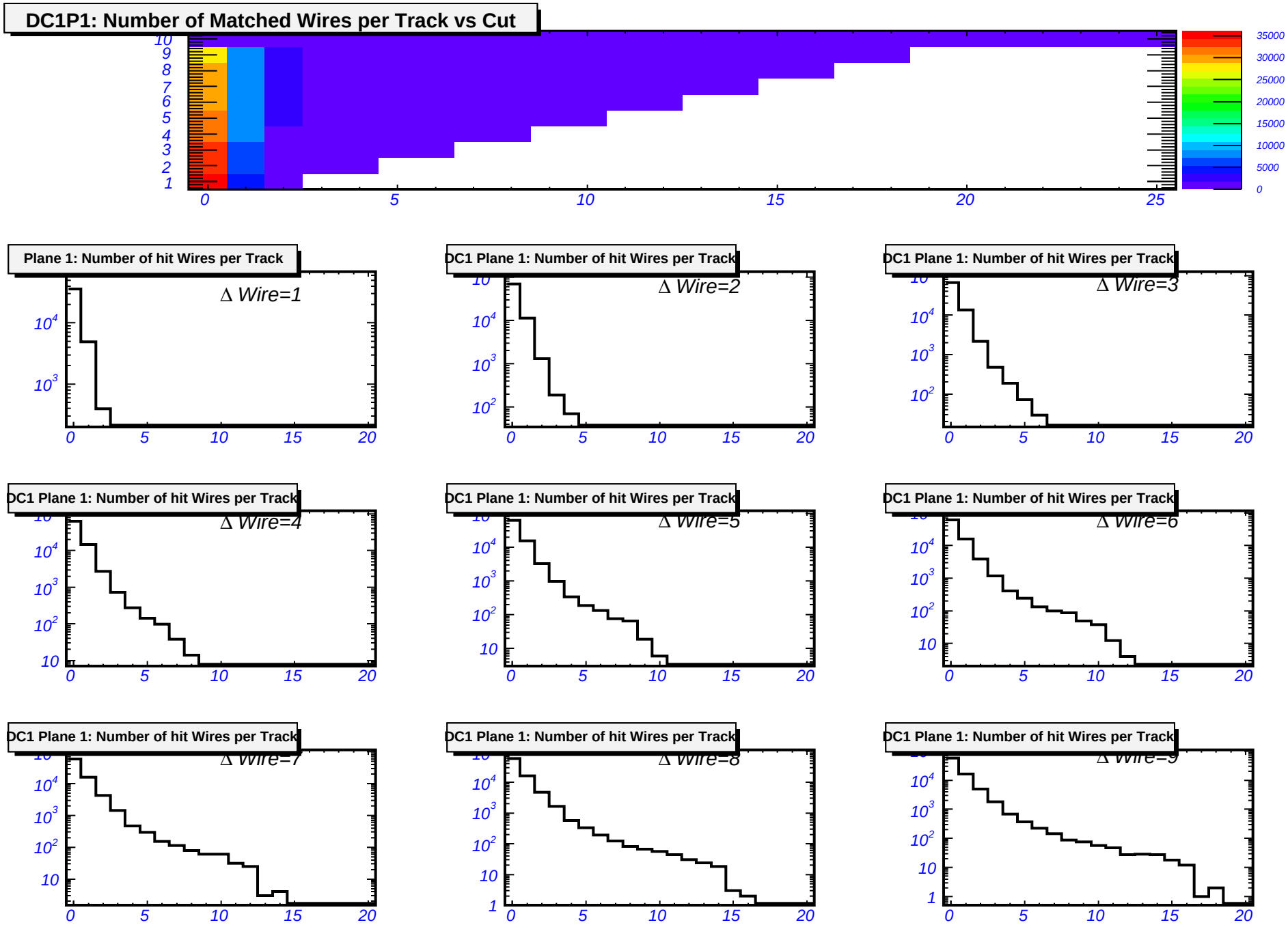
DC1: Track acceptance difference for chamber vs plane

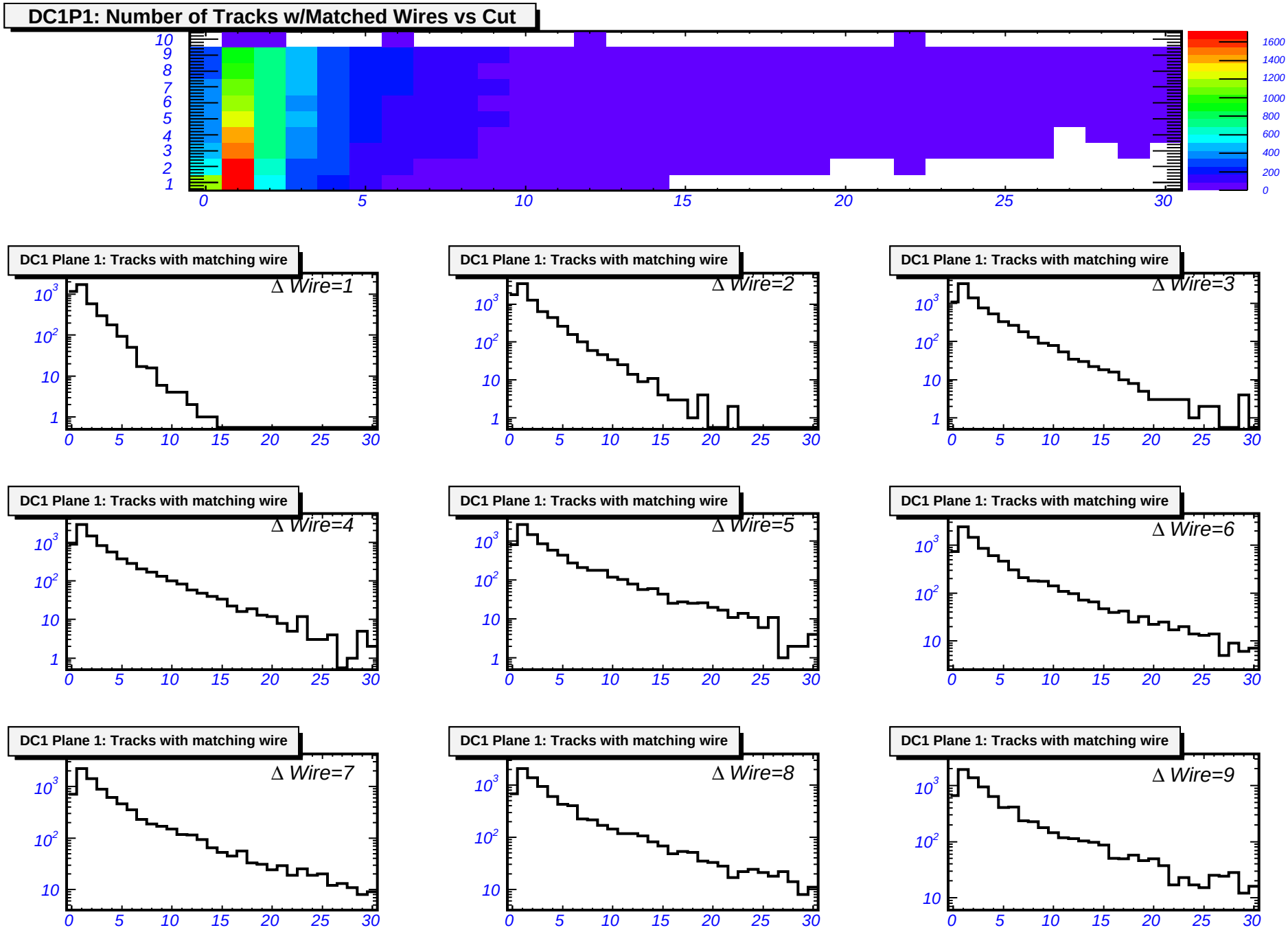


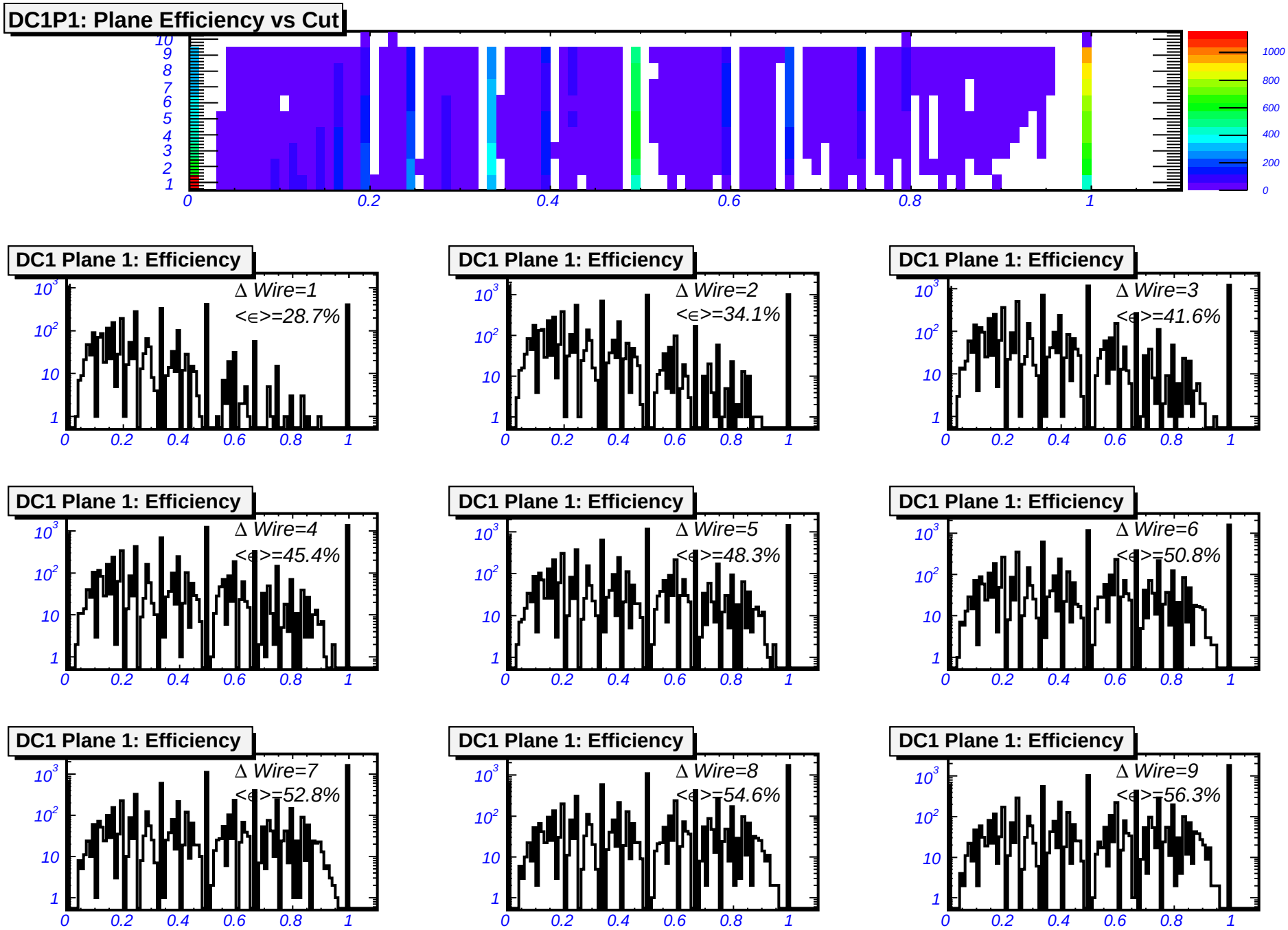


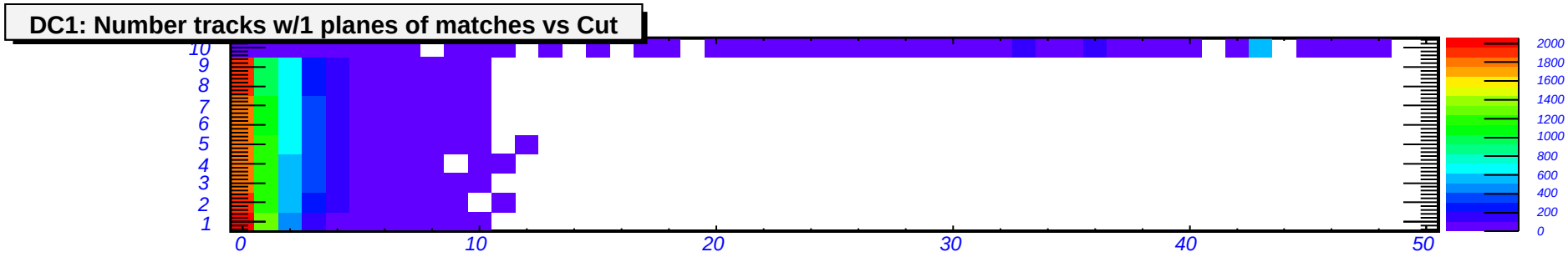


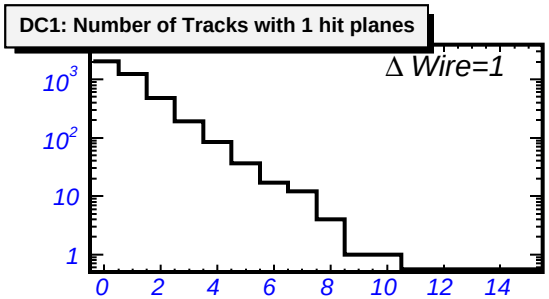


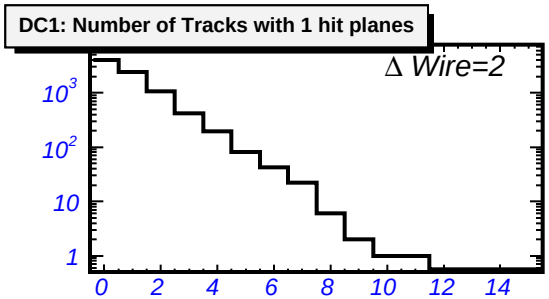

DC1P1: Number of Matched Wires per Track vs Cut
Plane 1: Number of hit Wires per Track
Δ Wire=1
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=2
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=3
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=4
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=5
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=6
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=7
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=8
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=9

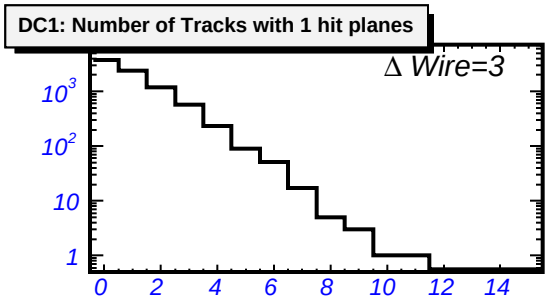

DC1P1: Number of Tracks w/Matched Wires vs Cut
DC1 Plane 1: Tracks with matching wire
Δ Wire=1
Δ Wire=2
Δ Wire=3
Δ Wire=4
Δ Wire=5
Δ Wire=6
Δ Wire=7
Δ Wire=8
Δ Wire=9

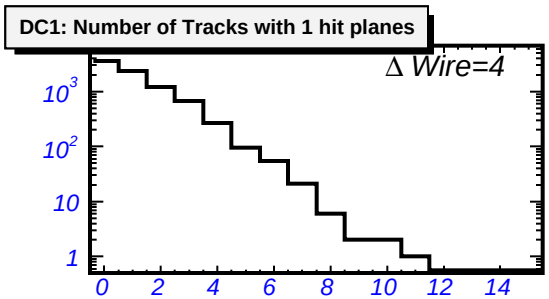

DC1P1: Plane Efficiency vs Cut
DC1 Plane 1: Efficiency
Δ Wire=1
<ϵ>=28.7%
DC1 Plane 1: Efficiency
Δ Wire=2
<ϵ>=34.1%
DC1 Plane 1: Efficiency
Δ Wire=3
<ϵ>=41.6%
DC1 Plane 1: Efficiency
Δ Wire=4
<ϵ>=45.4%
DC1 Plane 1: Efficiency
Δ Wire=5
<ϵ>=48.3%
DC1 Plane 1: Efficiency
Δ Wire=6
<ϵ>=50.8%
DC1 Plane 1: Efficiency
Δ Wire=7
<ϵ>=52.8%
DC1 Plane 1: Efficiency
Δ Wire=8
<ϵ>=54.6%
DC1 Plane 1: Efficiency
Δ Wire=9
<ϵ>=56.3%

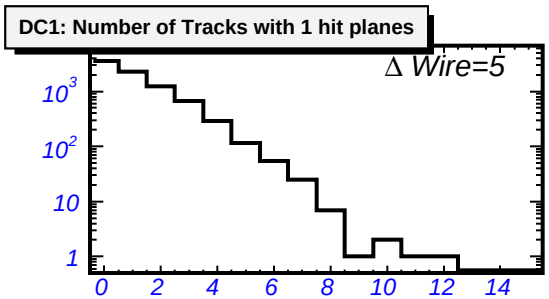

DC1: Number tracks w/1 planes of matches vs Cut

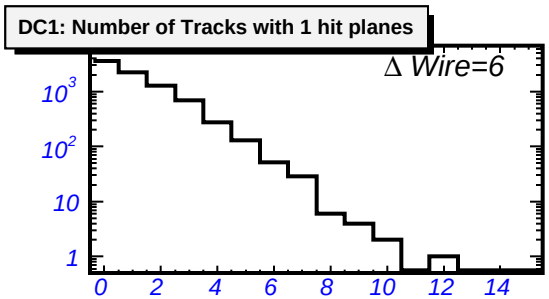

DC1: Number of Tracks with 1 hit planes
Δ Wire=1

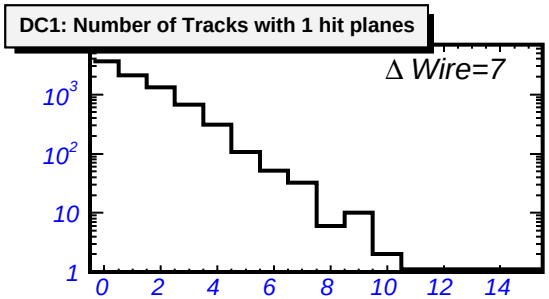

DC1: Number of Tracks with 1 hit planes
Δ Wire=2

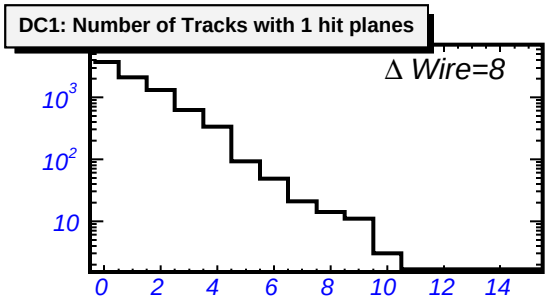

DC1: Number of Tracks with 1 hit planes
Δ Wire=3

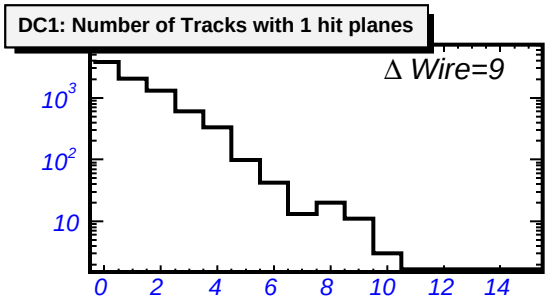

DC1: Number of Tracks with 1 hit planes
Δ Wire=4

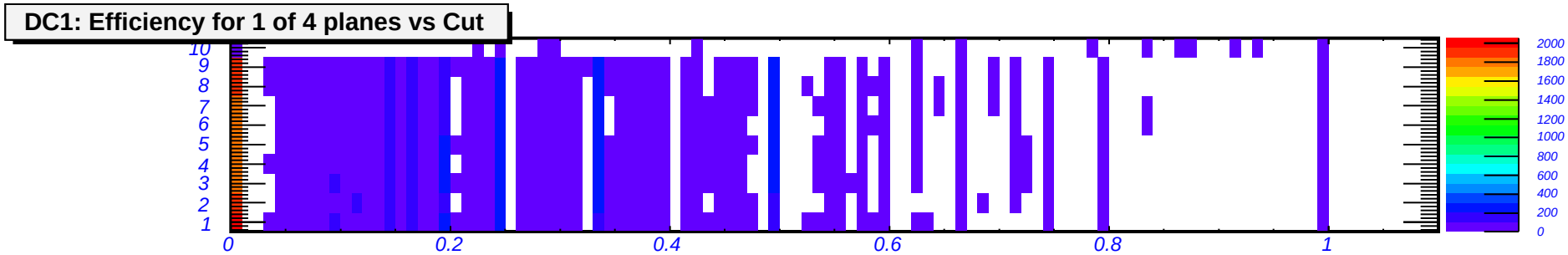

DC1: Number of Tracks with 1 hit planes
Δ Wire=5

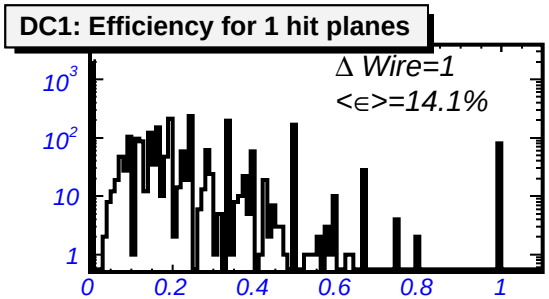

DC1: Number of Tracks with 1 hit planes
Δ Wire=6

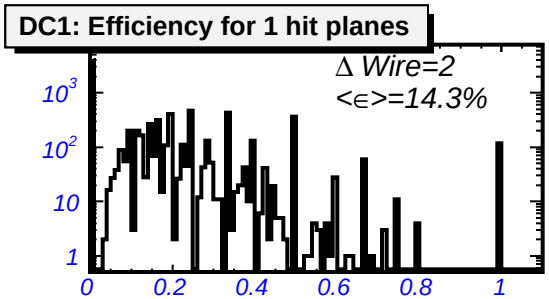

DC1: Number of Tracks with 1 hit planes
Δ Wire=7

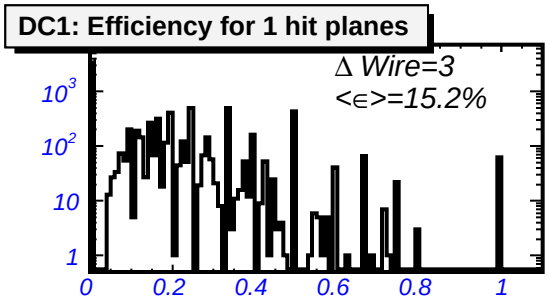

DC1: Number of Tracks with 1 hit planes
Δ Wire=8

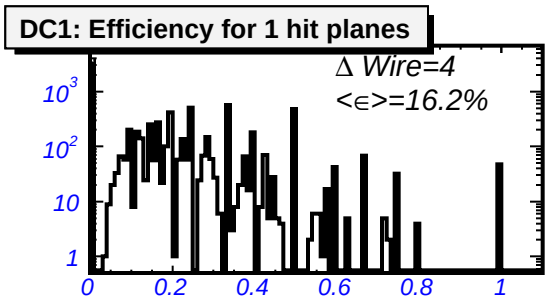

DC1: Number of Tracks with 1 hit planes
Δ Wire=9

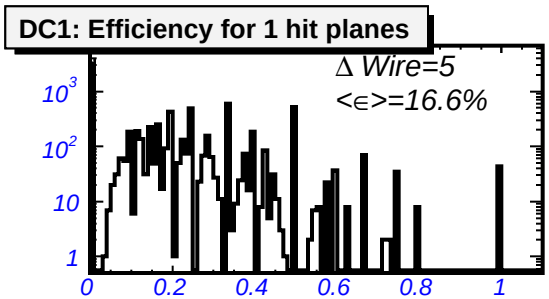

DC1: Efficiency for 1 of 4 planes vs Cut

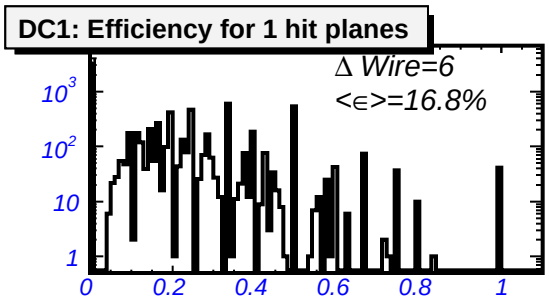

DC1: Efficiency for 1 hit planes
Δ Wire=1
<ε>=14.1%

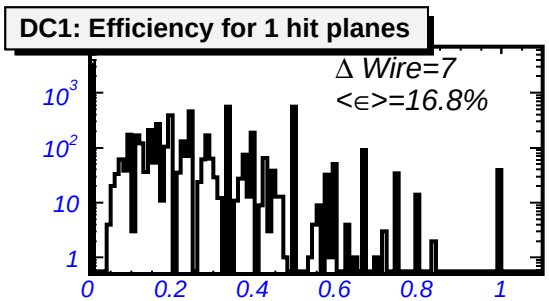

DC1: Efficiency for 1 hit planes
Δ Wire=2
<ε>=14.3%

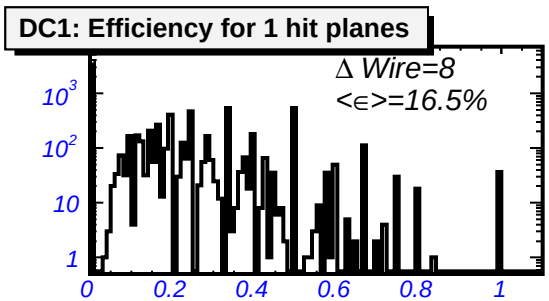

DC1: Efficiency for 1 hit planes
Δ Wire=3
<ε>=15.2%

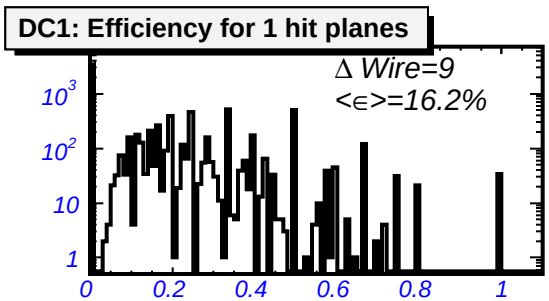

DC1: Efficiency for 1 hit planes
Δ Wire=4
<ε>=16.2%

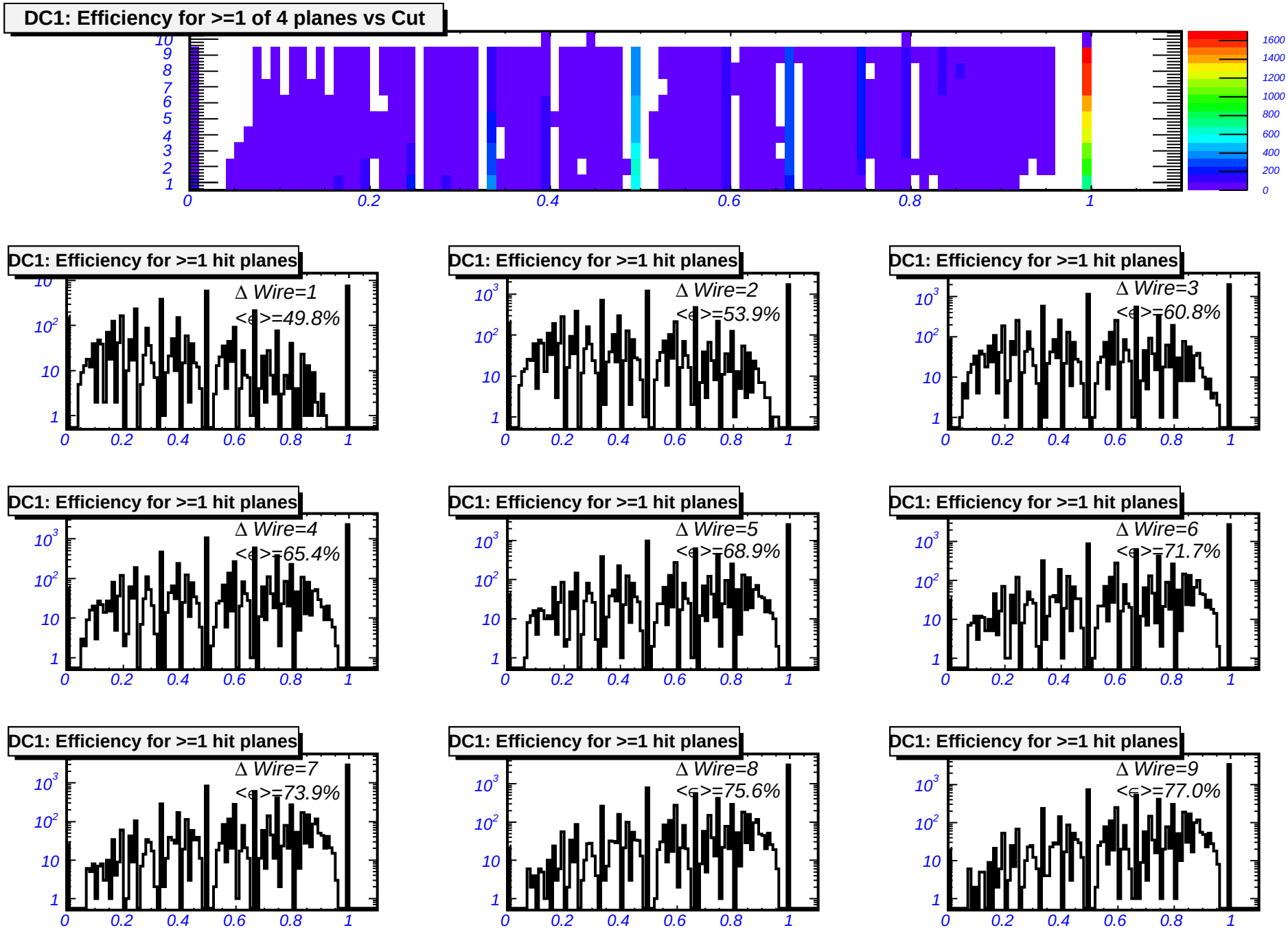

DC1: Efficiency for 1 hit planes
Δ Wire=5
<ε>=16.6%


DC1: Efficiency for 1 hit planes
Δ Wire=6
<ε>=16.8%


DC1: Efficiency for 1 hit planes
Δ Wire=7
<ε>=16.8%


DC1: Efficiency for 1 hit planes
Δ Wire=8
<ε>=16.5%


DC1: Efficiency for 1 hit planes
Δ Wire=9
<ε>=16.2%

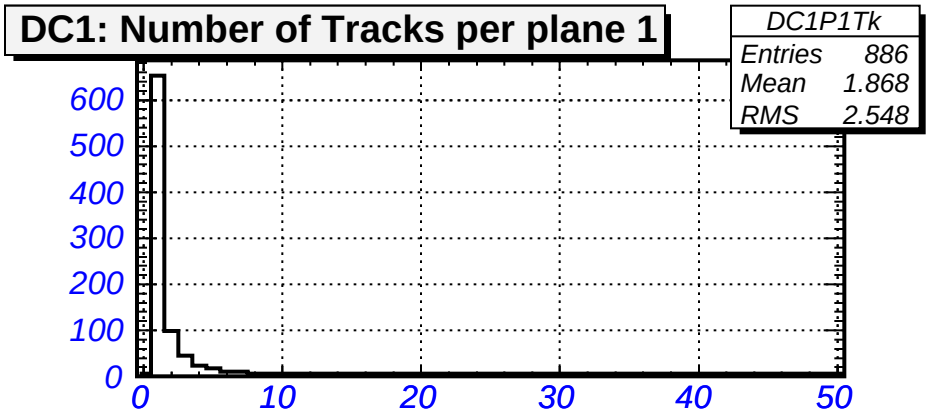

DC1: Efficiency for >=1 of 4 planes vs Cut
DC1: Efficiency for >=1 hit planes
Δ Wire=1
<ε>=49.8%
Δ Wire=2
<ε>=53.9%
Δ Wire=3
<ε>=60.8%
Δ Wire=4
<ε>=65.4%
Δ Wire=5
<ε>=68.9%
Δ Wire=6
<ε>=71.7%
Δ Wire=7
<ε>=73.9%
Δ Wire=8
<ε>=75.6%
Δ Wire=9
<ε>=77.0%

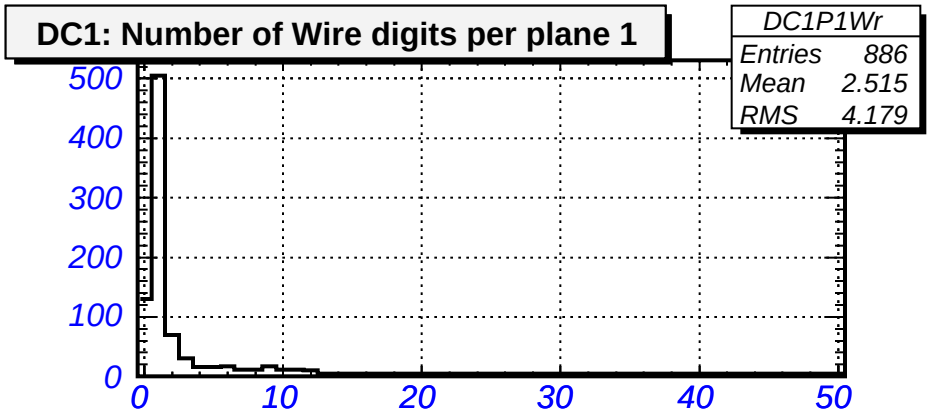
	Events for Run 14109					
	DC1	DC2	DC3	DC4	PWC5	PWC6
Chamber	4125	4119	4088	3756	4077	4053
Total	4158	4158	4158	4158	4158	4158

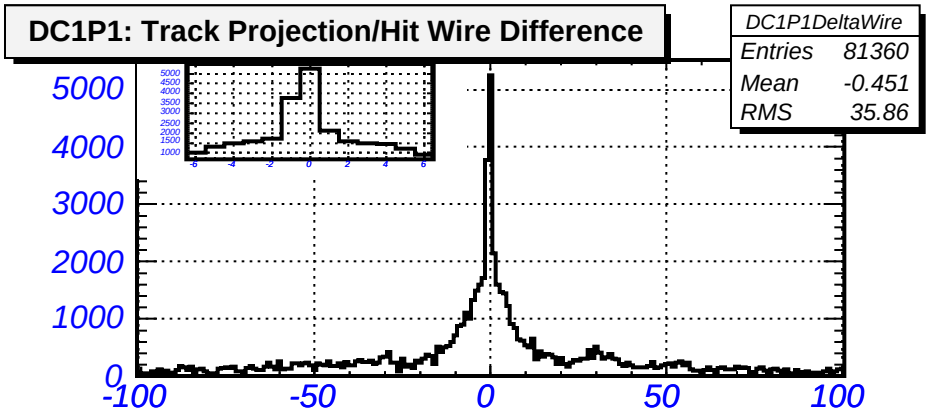
	Plane Efficiencies											
	P1			P2			P3			P4		
	Tracks	Matches	Efficiency	Tracks	Matches	Efficiency	Tracks	Matches	Efficiency	Tracks	Matches	Efficiency
DC1	24883	8894	**35.7%**	24803	9553	**38.5%**	24759	8927	**36.1%**	24778	8586	**34.7%**
DC2	22977	7523	**32.7%**	23418	8276	**35.3%**	23326	8452	**36.2%**	23363	7984	**34.2%**
DC3	22352	7883	**35.3%**	22870	8575	**37.5%**	22748	8381	**36.8%**	22760	7858	**34.5%**
DC4	13902	5260	**37.8%**	14807	5582	**37.7%**	14597	5649	**38.7%**	14726	5226	**35.5%**
PWC5	16022	1857	**11.6%**	16467	3415	**20.7%**	16266	2002	**12.3%**	15979	1928	**12.1%**
PWC6	14690	1361	**9.3%**	15576	4235	**27.2%**	15105	3129	**20.7%**	14918	1533	**10.3%**

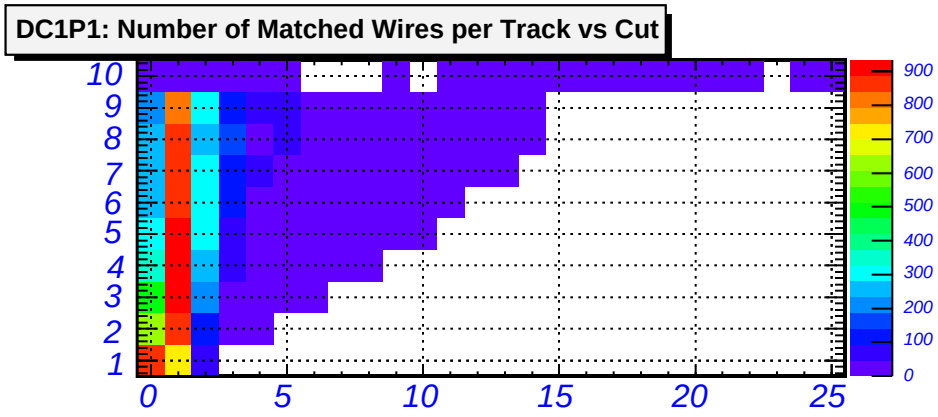
	Chamber Efficiencies (Exclusive Combinations)										
	Tracks	0 Planes		1 Plane		2 Planes		3 Planes		4 Planes	
		Matches	Efficiency	Matches	Efficiency	Matches	Efficiency	Matches	Efficiency	Matches	Efficiency
DC1	24661	10947	**44.4%**	4365	**17.7%**	1935	**7.8%**	1965	**8.0%**	5449	**22.1%**
DC2	22747	10617	**46.7%**	3767	**16.6%**	1728	**7.6%**	1691	**7.4%**	4944	**21.7%**
DC3	22073	10026	**45.4%**	3603	**16.3%**	1799	**8.2%**	1433	**6.5%**	5212	**23.6%**
DC4	13754	5125	**37.3%**	2687	**19.5%**	1708	**12.4%**	1512	**11.0%**	2722	**19.8%**
PWC5	15866	9477	**59.7%**	4343	**27.4%**	1479	**9.3%**	489	**3.1%**	78	**0.5%**
PWC6	13841	6908	**49.9%**	4780	**34.5%**	1693	**12.2%**	401	**2.9%**	59	**0.4%**

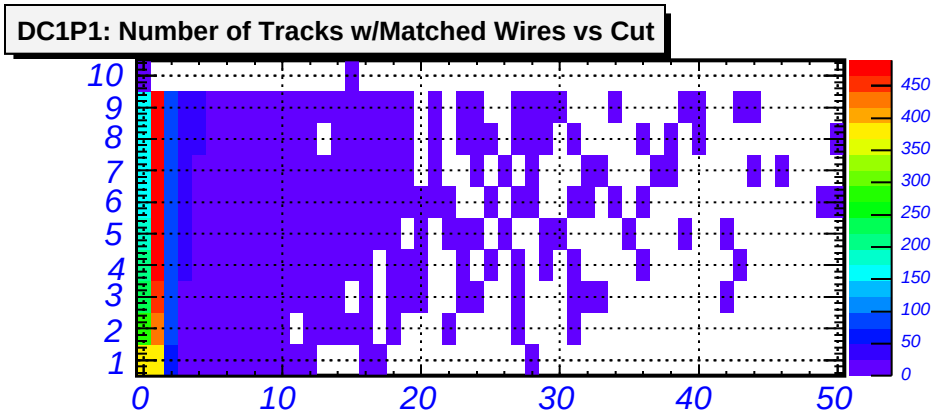
	Chamber Efficiencies (Inclusive Combinations)										
	Tracks	>=0 Planes		>=1 Plane		>=2 Planes		>=3 Planes		>=4 Planes	
		Matches	Efficiency	Matches	Efficiency	Matches	Efficiency	Matches	Efficiency	Matches	Efficiency
DC1	24661	24661	**100.0%**	13714	**55.6%**	9349	**37.9%**	7414	**30.1%**	5449	**22.1%**
DC2	22747	22747	**100.0%**	12130	**53.3%**	8363	**36.8%**	6635	**29.2%**	4944	**21.7%**
DC3	22073	22073	**100.0%**	12047	**54.6%**	8444	**38.3%**	6645	**30.1%**	5212	**23.6%**
DC4	13754	13754	**100.0%**	8629	**62.7%**	5942	**43.2%**	4234	**30.8%**	2722	**19.8%**
PWC5	15866	15866	**100.0%**	6389	**40.3%**	2046	**12.9%**	567	**3.6%**	78	**0.5%**
PWC6	13841	13841	**100.0%**	6933	**50.1%**	2153	**15.6%**	460	**3.3%**	59	**0.4%**

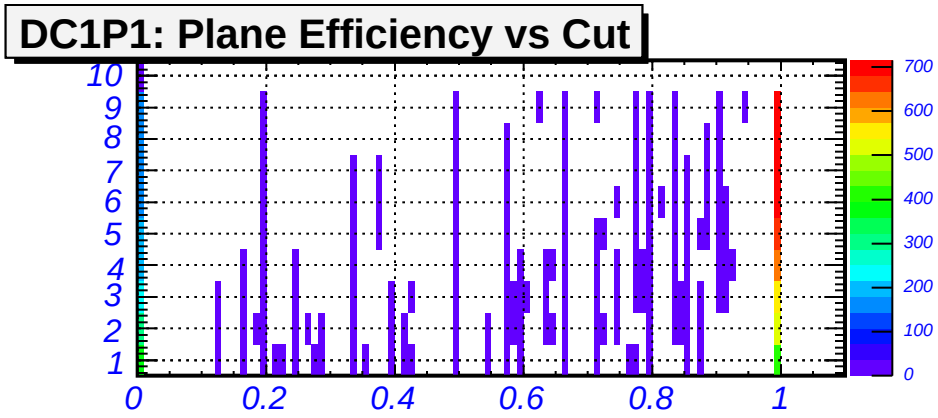

DC1: Number of Tracks per plane 1
DC1P1Tk
Entries 886
Mean 1.868
RMS 2.548


DC1: Number of Wire digits per plane 1
DC1P1Wr
Entries 886
Mean 2.515
RMS 4.179

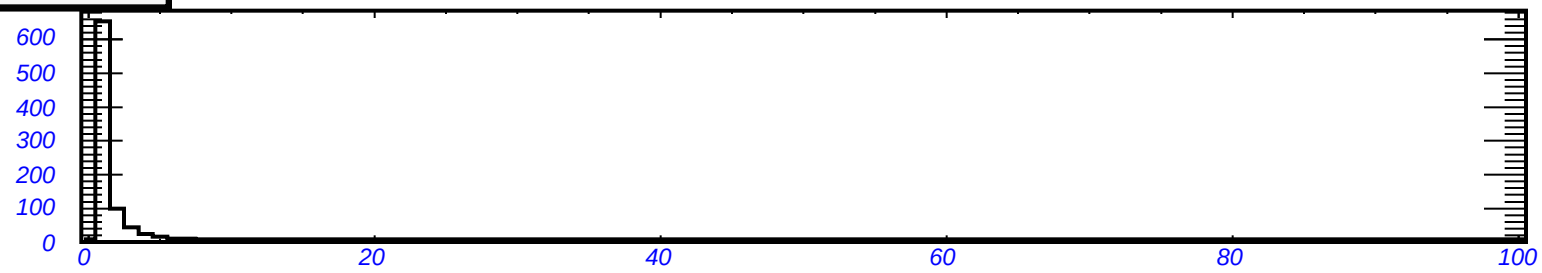

DC1P1: Track Projection/Hit Wire Difference
DC1P1DeltaWire
Entries 81360
Mean -0.451
RMS 35.86


DC1P1: Number of Matched Wires per Track vs Cut

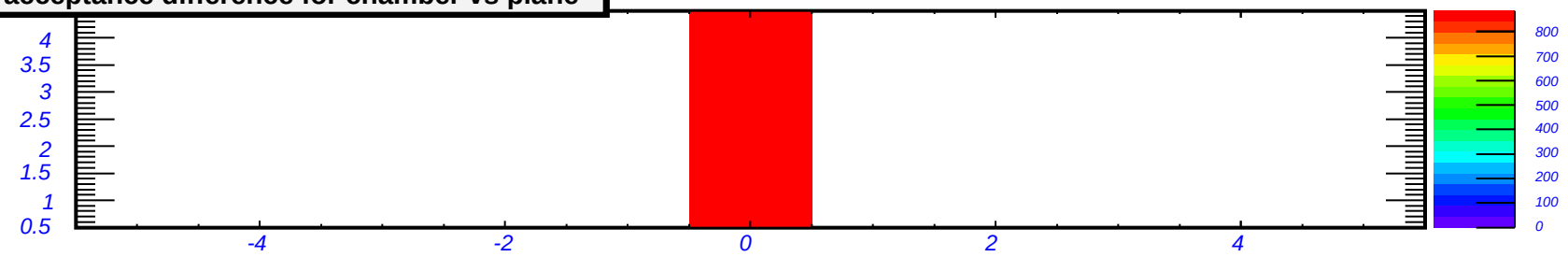

DC1P1: Number of Tracks w/Matched Wires vs Cut

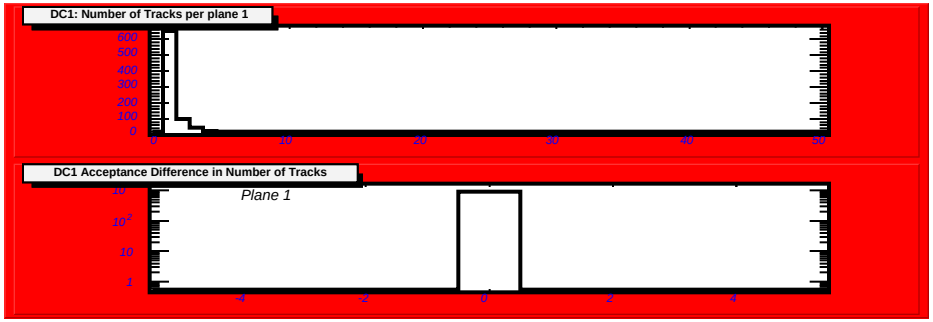

DC1P1: Plane Efficiency vs Cut

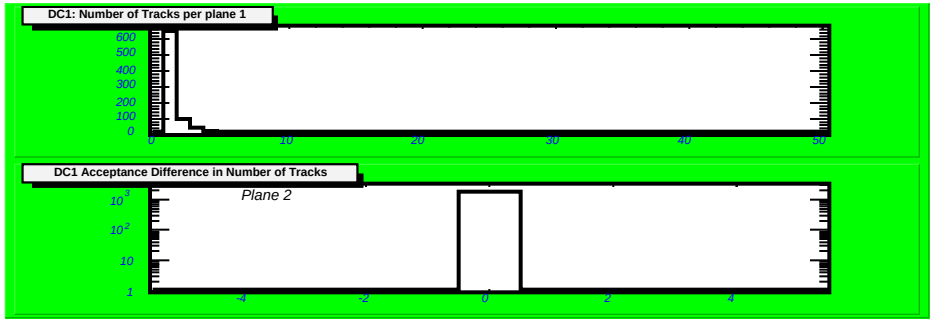
Number of raw Tracks

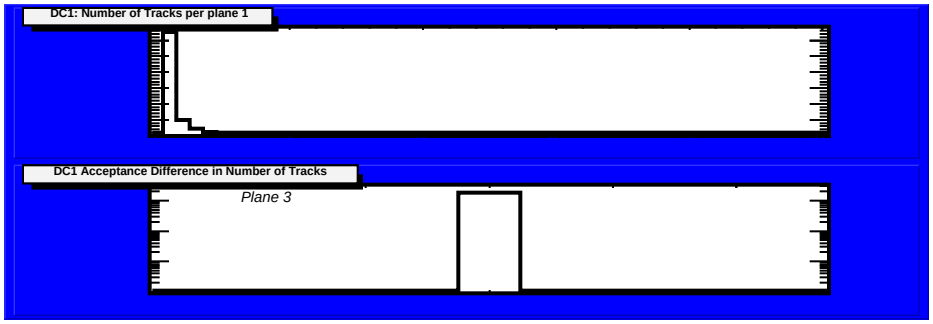


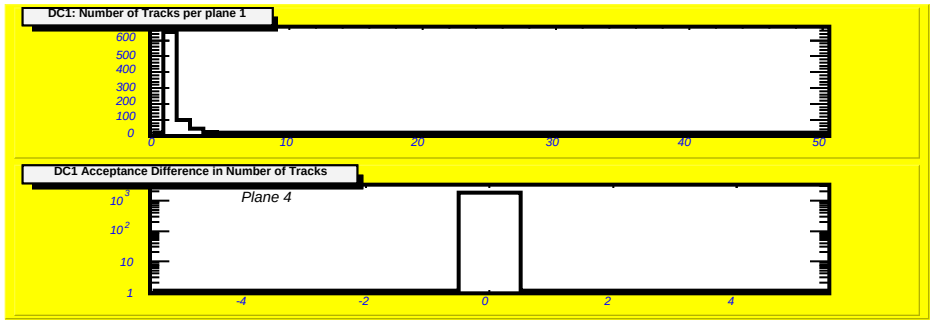
DC1: Track acceptance difference for chamber vs plane

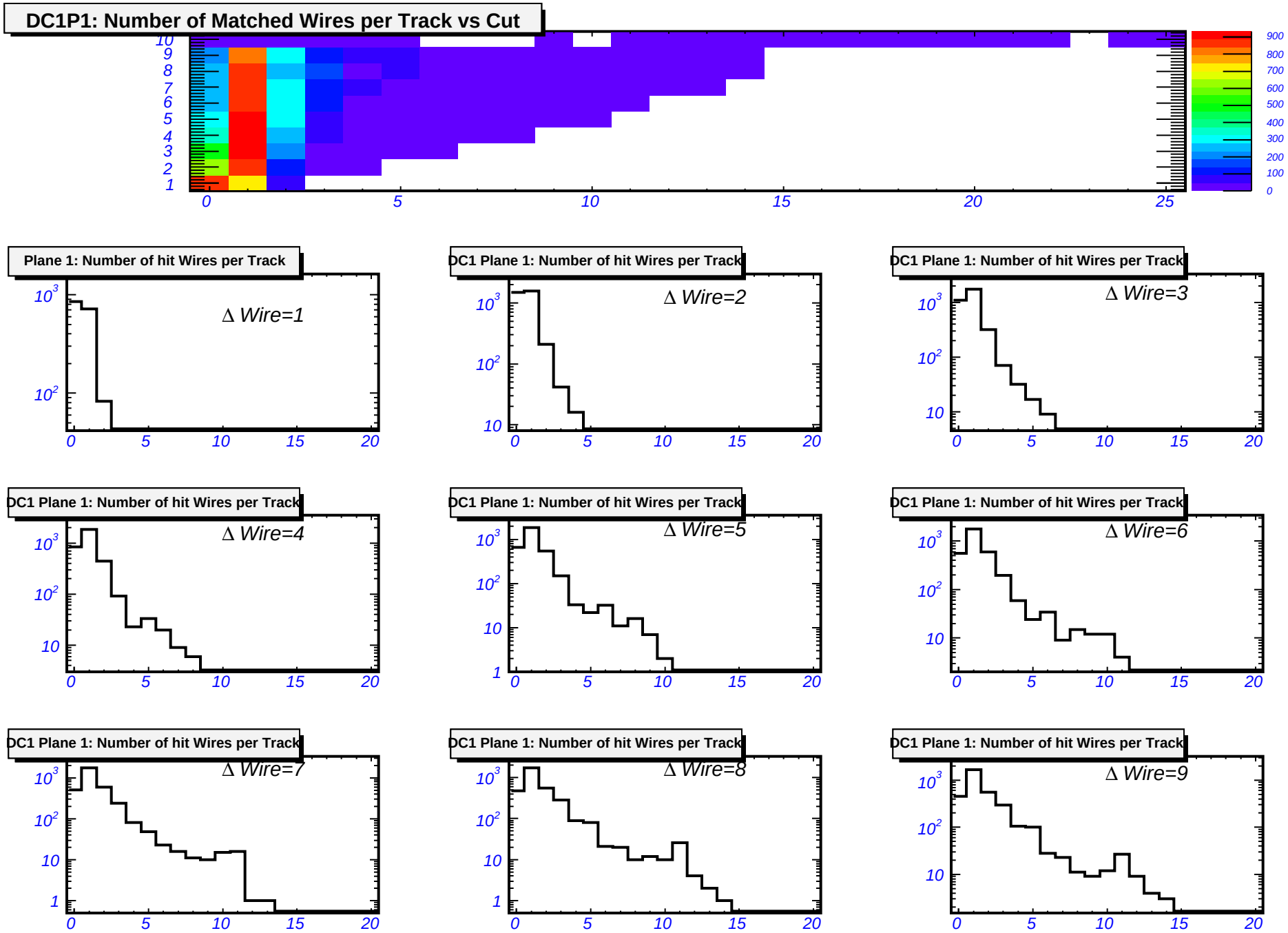


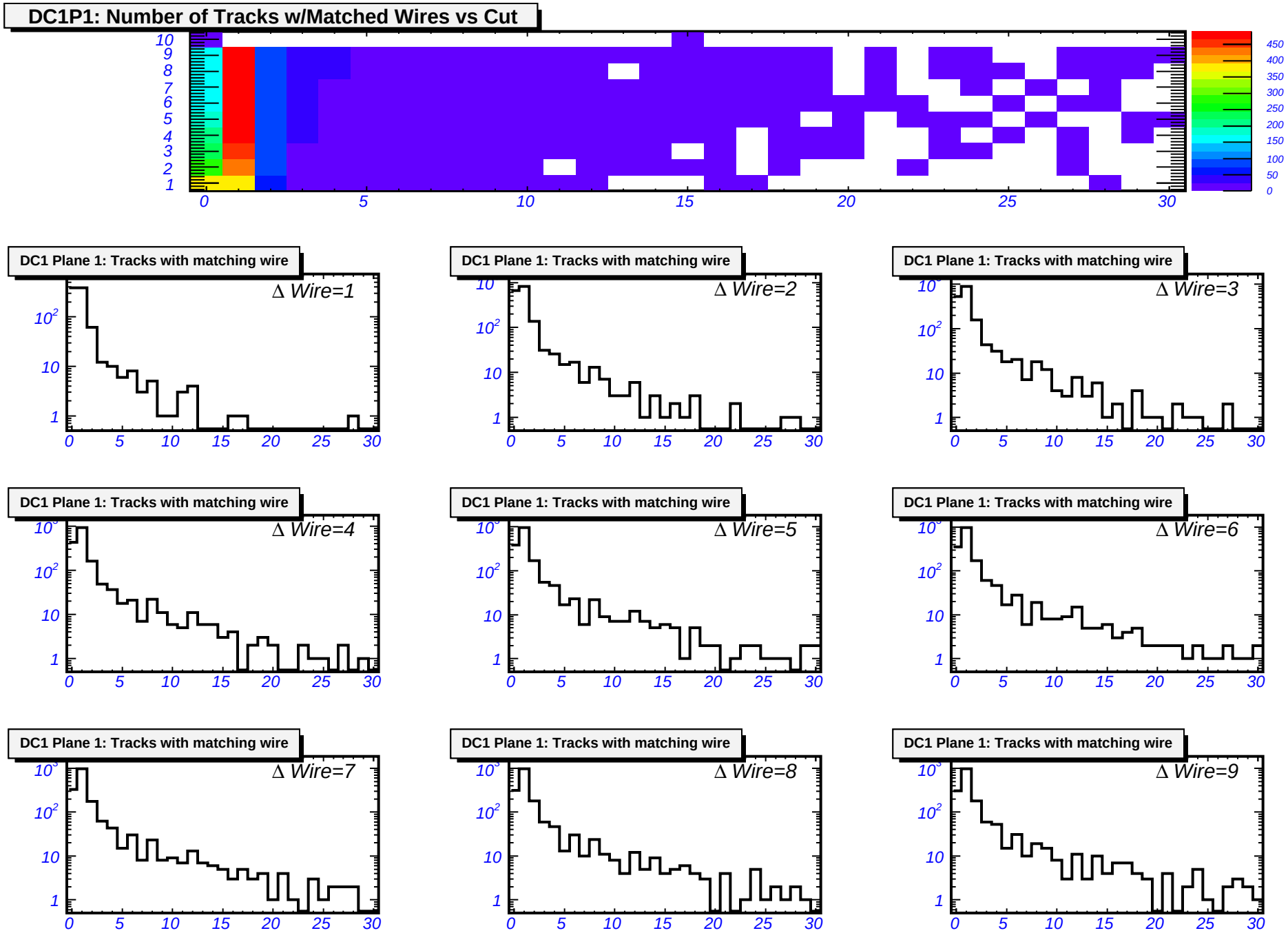


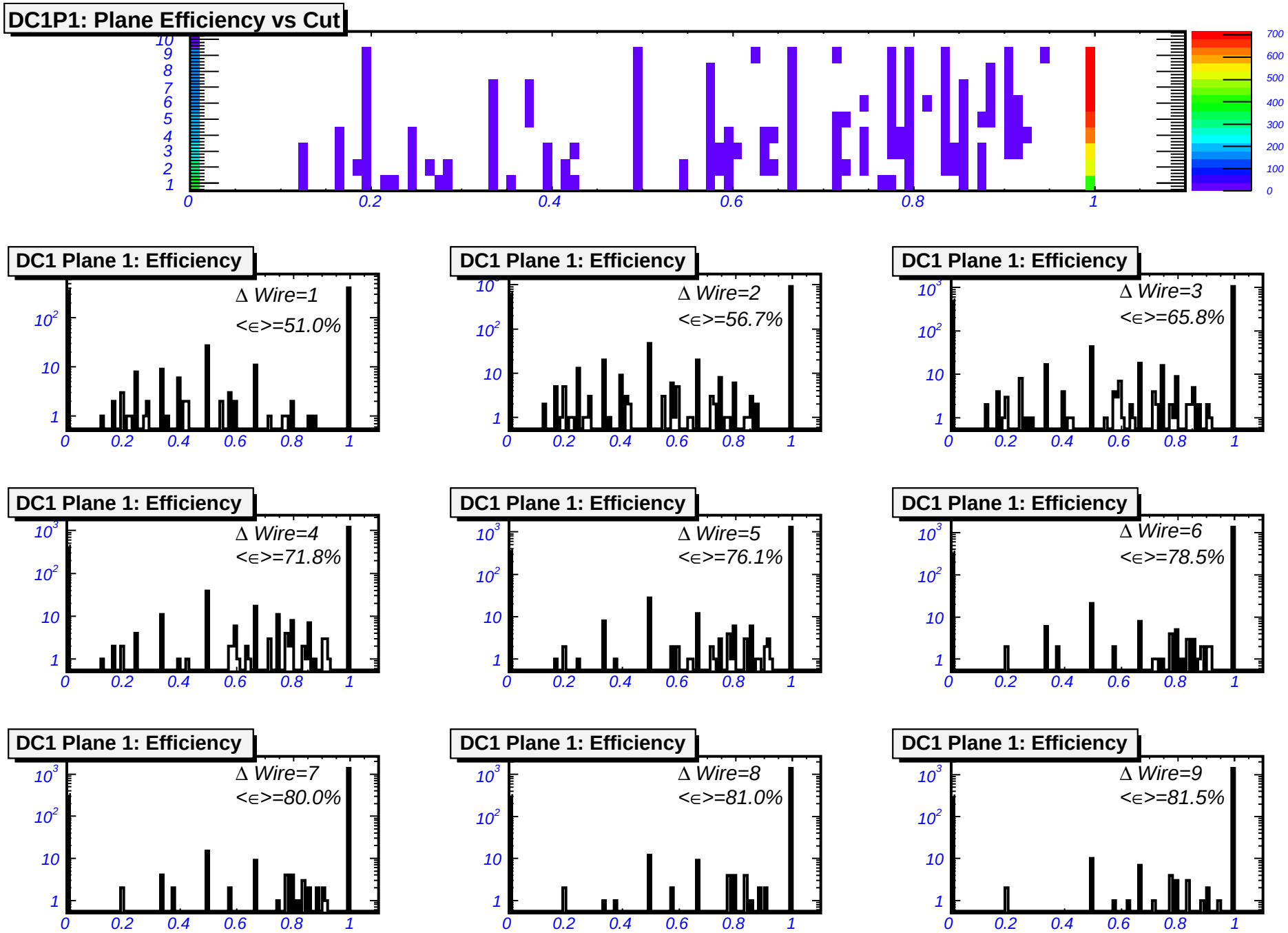


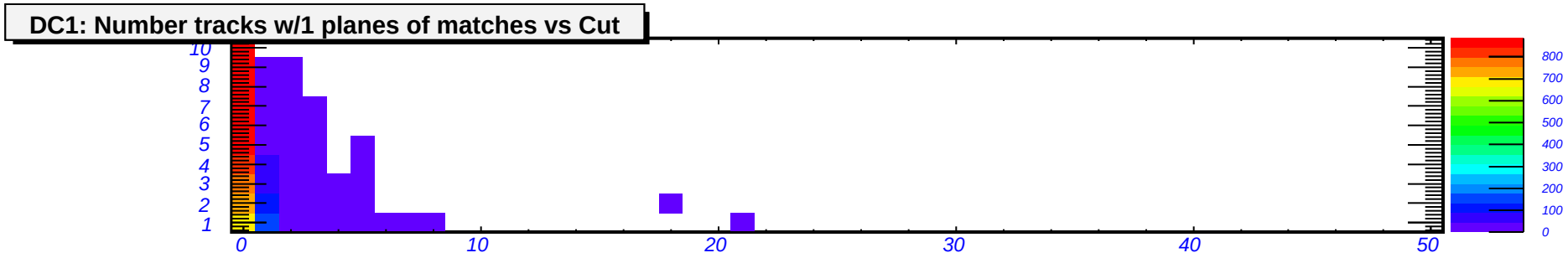


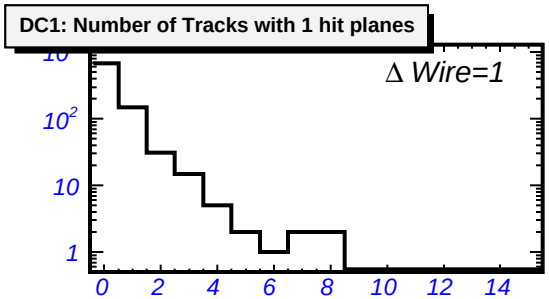


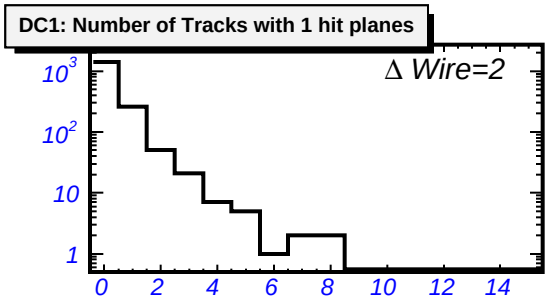

DC1P1: Number of Matched Wires per Track vs Cut
Plane 1: Number of hit Wires per Track
Δ Wire=1
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=2
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=3
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=4
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=5
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=6
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=7
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=8
DC1 Plane 1: Number of hit Wires per Track
Δ Wire=9

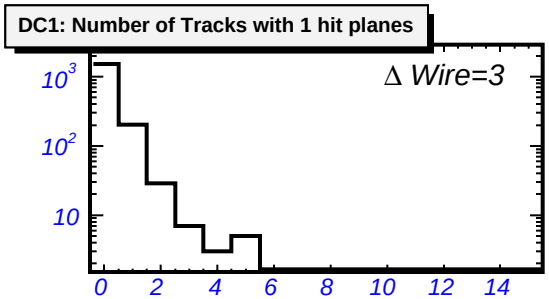

DC1P1: Number of Tracks w/Matched Wires vs Cut
DC1 Plane 1: Tracks with matching wire
Δ Wire=1
Δ Wire=2
Δ Wire=3
Δ Wire=4
Δ Wire=5
Δ Wire=6
Δ Wire=7
Δ Wire=8
Δ Wire=9

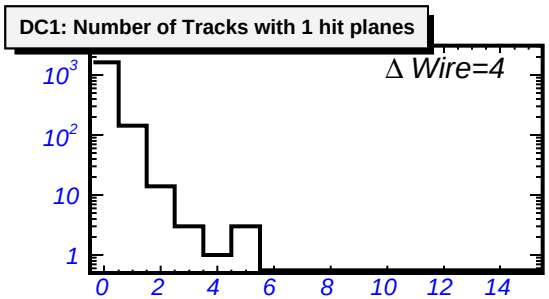

DC1P1: Plane Efficiency vs Cut
DC1 Plane 1: Efficiency
Δ Wire=1
<ϵ>=51.0%
DC1 Plane 1: Efficiency
Δ Wire=2
<ϵ>=56.7%
DC1 Plane 1: Efficiency
Δ Wire=3
<ϵ>=65.8%
DC1 Plane 1: Efficiency
Δ Wire=4
<ϵ>=71.8%
DC1 Plane 1: Efficiency
Δ Wire=5
<ϵ>=76.1%
DC1 Plane 1: Efficiency
Δ Wire=6
<ϵ>=78.5%
DC1 Plane 1: Efficiency
Δ Wire=7
<ϵ>=80.0%
DC1 Plane 1: Efficiency
Δ Wire=8
<ϵ>=81.0%
DC1 Plane 1: Efficiency
Δ Wire=9
<ϵ>=81.5%

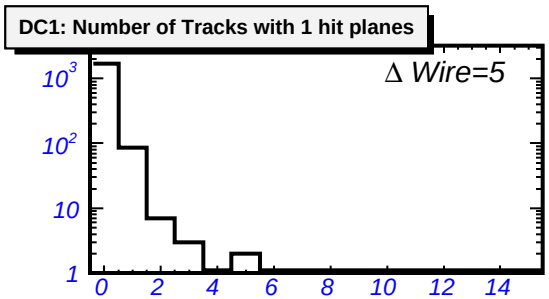

DC1: Number tracks w/1 planes of matches vs Cut

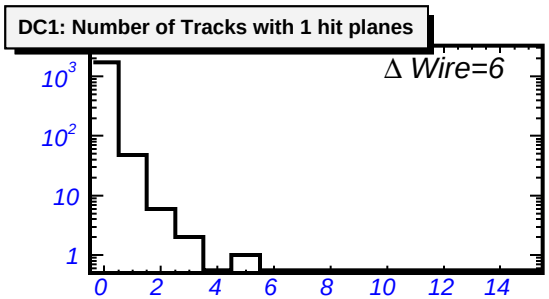

DC1: Number of Tracks with 1 hit planes
Δ Wire=1

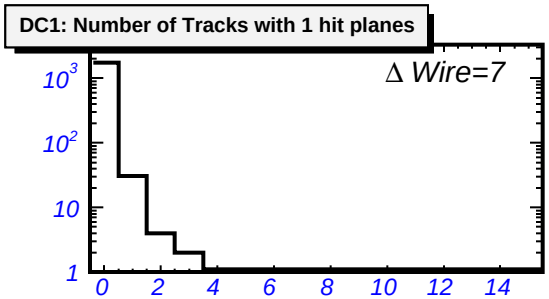

DC1: Number of Tracks with 1 hit planes
Δ Wire=2

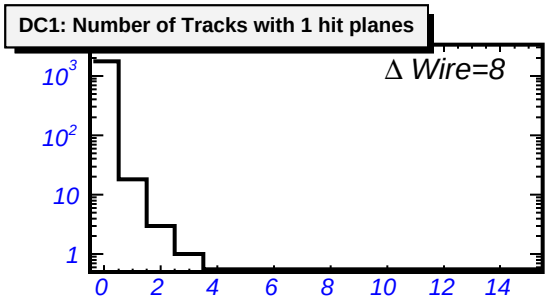

DC1: Number of Tracks with 1 hit planes
Δ Wire=3

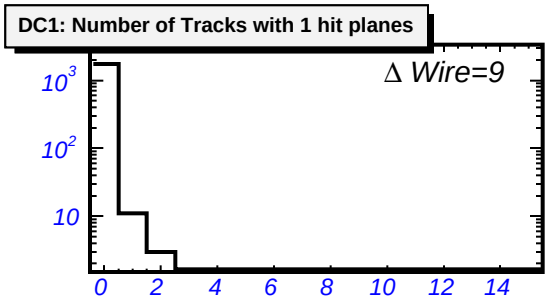

DC1: Number of Tracks with 1 hit planes
Δ Wire=4

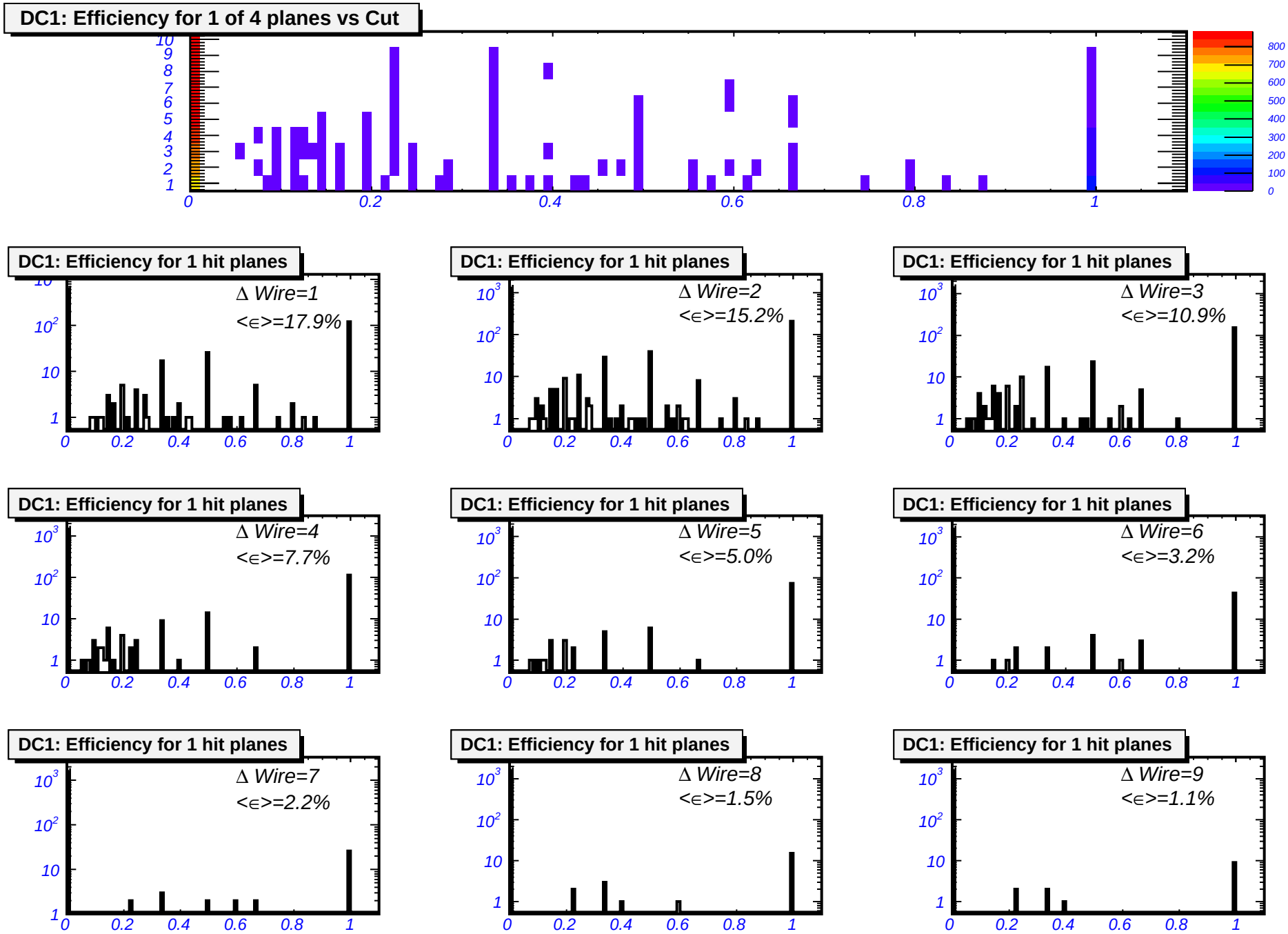

DC1: Number of Tracks with 1 hit planes
Δ Wire=5

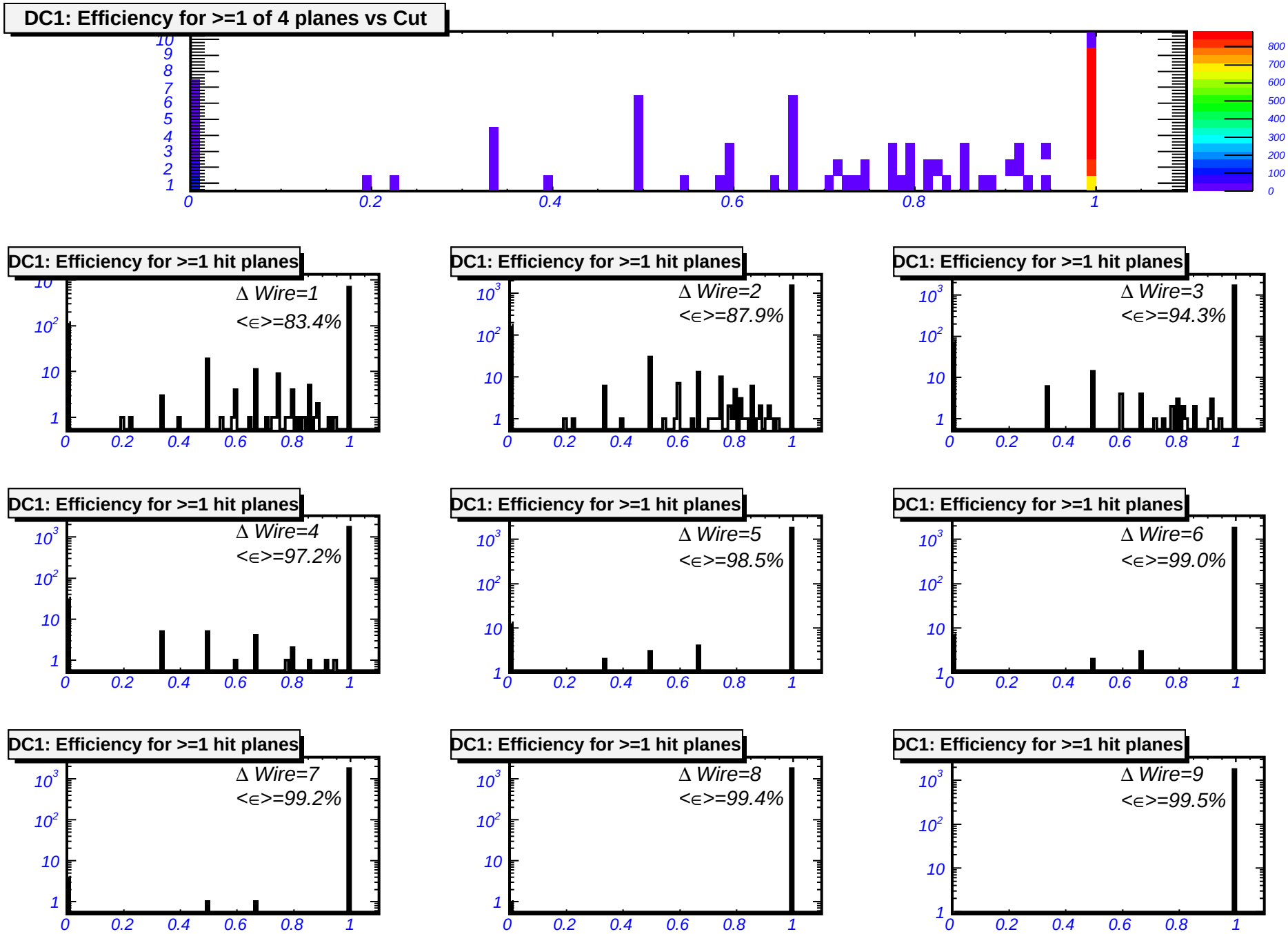

DC1: Number of Tracks with 1 hit planes
Δ Wire=6


DC1: Number of Tracks with 1 hit planes
Δ Wire=7


DC1: Number of Tracks with 1 hit planes
Δ Wire=8


DC1: Number of Tracks with 1 hit planes
Δ Wire=9


DC1: Efficiency for 1 of 4 planes vs Cut
DC1: Efficiency for 1 hit planes
Δ Wire=1
<ϵ>=17.9%
DC1: Efficiency for 1 hit planes
Δ Wire=2
<ϵ>=15.2%
DC1: Efficiency for 1 hit planes
Δ Wire=3
<ϵ>=10.9%
DC1: Efficiency for 1 hit planes
Δ Wire=4
<ϵ>=7.7%
DC1: Efficiency for 1 hit planes
Δ Wire=5
<ϵ>=5.0%
DC1: Efficiency for 1 hit planes
Δ Wire=6
<ϵ>=3.2%
DC1: Efficiency for 1 hit planes
Δ Wire=7
<ϵ>=2.2%
DC1: Efficiency for 1 hit planes
Δ Wire=8
<ϵ>=1.5%
DC1: Efficiency for 1 hit planes
Δ Wire=9
<ϵ>=1.1%


DC1: Efficiency for >=1 of 4 planes vs Cut
DC1: Efficiency for >=1 hit planes
Δ Wire=1
<ϵ>=83.4%
Δ Wire=2
<ϵ>=87.9%
Δ Wire=3
<ϵ>=94.3%
Δ Wire=4
<ϵ>=97.2%
Δ Wire=5
<ϵ>=98.5%
Δ Wire=6
<ϵ>=99.0%
Δ Wire=7
<ϵ>=99.2%
Δ Wire=8
<ϵ>=99.4%
Δ Wire=9
<ϵ>=99.5%

	Events for Run 13510					
	DC1	DC2	DC3	DC4	PWC5	PWC6
Chamber	886	886	886	886	884	870
Total	886	886	886	886	886	886

	Plane Efficiencies											
	P1			P2			P3			P4		
	Tracks	Matches	Efficiency	Tracks	Matches	Efficiency	Tracks	Matches	Efficiency	Tracks	Matches	Efficiency
DC1	1655	1175	**71.0%**	1655	1293	**78.1%**	1655	1236	**74.7%**	1655	1214	**73.4%**
DC2	1654	1226	**74.1%**	1655	1452	**87.7%**	1655	1527	**92.3%**	1653	1384	**83.7%**
DC3	1654	1421	**85.9%**	1655	1491	**90.1%**	1655	1494	**90.3%**	1653	1428	**86.4%**
DC4	1653	1109	**67.1%**	1655	1177	**71.1%**	1655	1227	**74.1%**	1652	1180	**71.4%**
PWC5	1648	1423	**86.3%**	1648	590	**35.8%**	1648	238	**14.4%**	1648	203	**12.3%**
PWC6	1587	1477	**93.1%**	1590	900	**56.6%**	1584	806	**50.9%**	1549	1216	**78.5%**

	Chamber Efficiencies (Exclusive Combinations)										
	Tracks	0 Planes		1 Plane		2 Planes		3 Planes		4 Planes	
		Matches	Efficiency	Matches	Efficiency	Matches	Efficiency	Matches	Efficiency	Matches	Efficiency
DC1	1655	49	**3.0%**	125	**7.6%**	303	**18.3%**	525	**31.7%**	653	**39.5%**
DC2	1652	7	**0.4%**	37	**2.2%**	152	**9.2%**	584	**35.4%**	872	**52.8%**
DC3	1652	27	**1.6%**	26	**1.6%**	114	**6.9%**	368	**22.3%**	1117	**67.6%**
DC4	1650	30	**1.8%**	54	**3.3%**	463	**28.1%**	709	**43.0%**	394	**23.9%**
PWC5	1648	72	**4.4%**	914	**55.5%**	465	**28.2%**	178	**10.8%**	19	**1.2%**
PWC6	1543	20	**1.3%**	87	**5.6%**	379	**24.6%**	758	**49.1%**	299	**19.4%**

	Chamber Efficiencies (Inclusive Combinations)										
	Tracks	>=0 Planes		>=1 Plane		>=2 Planes		>=3 Planes		>=4 Planes	
		Matches	Efficiency	Matches	Efficiency	Matches	Efficiency	Matches	Efficiency	Matches	Efficiency
DC1	1655	1655	**100.0%**	1606	**97.0%**	1481	**89.5%**	1178	**71.2%**	653	**39.5%**
DC2	1652	1652	**100.0%**	1645	**99.6%**	1608	**97.3%**	1456	**88.1%**	872	**52.8%**
DC3	1652	1652	**100.0%**	1625	**98.4%**	1599	**96.8%**	1485	**89.9%**	1117	**67.6%**
DC4	1650	1650	**100.0%**	1620	**98.2%**	1566	**94.9%**	1103	**66.8%**	394	**23.9%**
PWC5	1648	1648	**100.0%**	1576	**95.6%**	662	**40.2%**	197	**12.0%**	19	**1.2%**
PWC6	1543	1543	**100.0%**	1523	**98.7%**	1436	**93.1%**	1057	**68.5%**	299	**19.4%**