

White Cover Material Baffles

- During the September '02 tube repair:
 - 68 AS layer white baffles installed on repaired tubes
 - 12 Muon layer white baffles
- Look at the performance of the new baffles
 - Light collection
 - Tchi for the AS layer
- Compare raw data from early April '02 (post risetime trigger) to raw data from late September '02 (post tube repair)
 - A set of tubes which will have new baffles installed
 - 12 AS layer with white baffles
 - 1 AS layer with tyvek baffle
 - 4 Muon layer with white baffles
 - A set of similar neighboring tubes

PUB

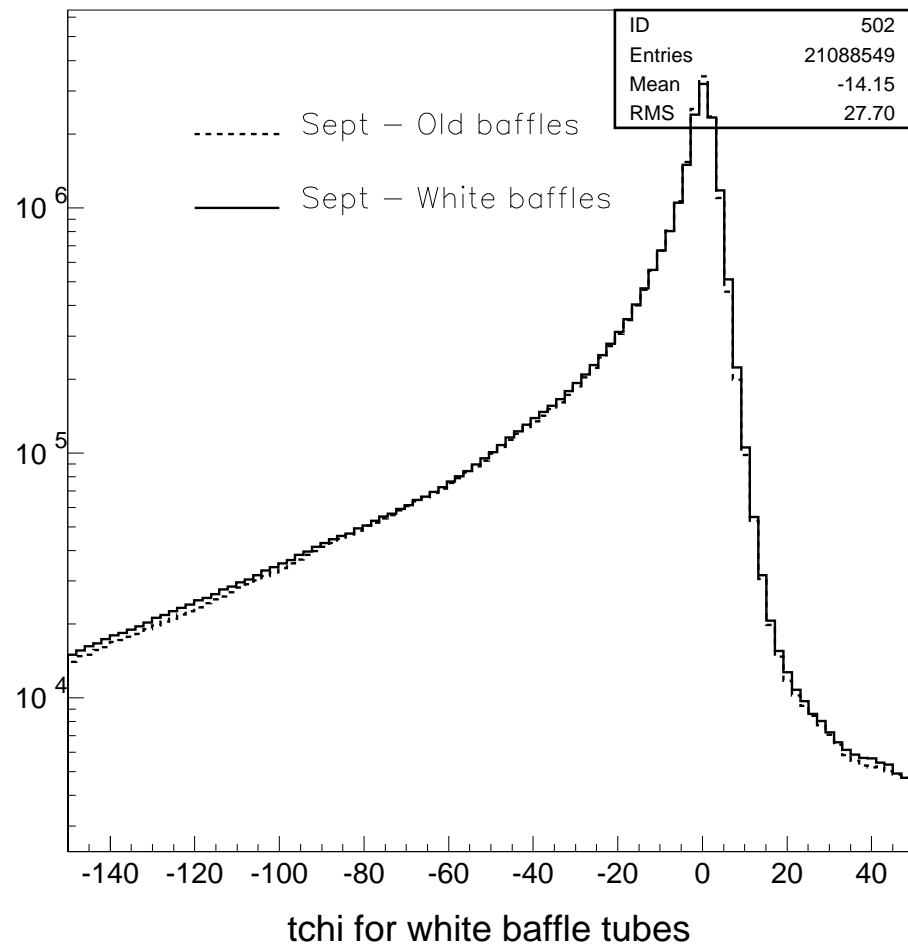
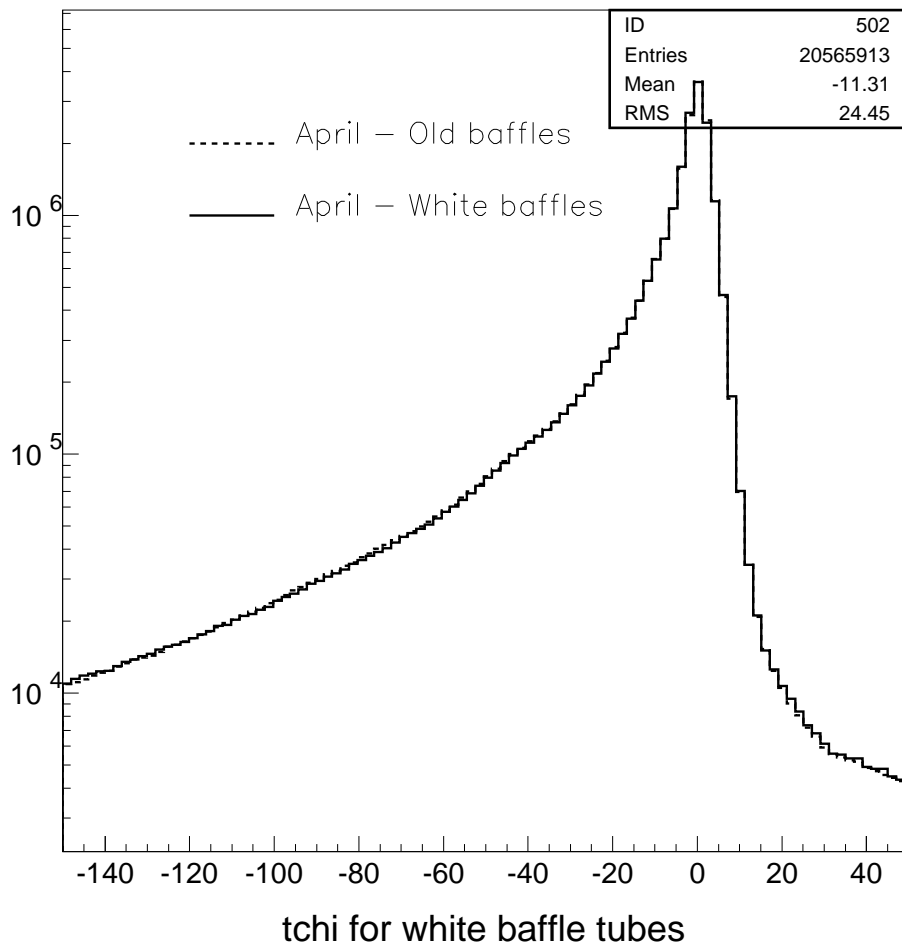
Top Layer PMT positions

449	450	449	400	399	398	397	396	395	394	393	392	391	390	389	388	387	386	385
448	444	384	383	382	381	368	367	366	365	352	351	350	336	335	334	333		
447	443	380	379	378	377	364	363	362	361	348	347	346	345	332	331	330	329	
446	442	376	375	374	373	360	359	358	357	344	343	342	341	328	327	326	325	
445	441	372	371	370	369	356	355	354	353	340	339	338	337	324	323	322	321	
440	436	320	319	318	317	304	303	302	301	288	287	286	285	272	271	270	269	
439	435	316	315	314	313	300	299	298	297	284	283	282	281	268	267	266	265	
438	434	312	311	310	309	296	295	294	293	280	279	278	277	264	263	262	261	
437	433	308	307	306	305	292	291	290	289	276	275	274	273	260	259	258	257	
432	428	256	255	254	253	240	239	238	237	224	223	222	221	208	207	206	205	
431	427	252	251	250	249	236	235	234	233	220	219	218	217	204	203	202	201	
430	426	248	247	246	245	232	231	230	229	216	215	214	213	200	199	198	197	
429	425	244	243	242	241	228	227	226	225	212	211	210	209	196	195	194	193	
424	420	192	191	190	189	176	175	174	173	160	159	158	157	144	143	142	141	
423	419	188	187	186	185	172	171	170	169	156	155	154	153	140	139	138	137	
422	418	184	183	182	181	168	167	166	165	152	151	150	149	136	135	134	133	
421	417	180	179	178	177	164	163	162	161	148	147	146	145	132	131	130	129	
416	412	128	127	126	125	112	111	110	109	96	95	94	93	80	79	78	77	
415	411	124	123	122	121	108	107	106	105	92	91	90	89	76	75	74	73	
414	409	120	119	118	117	104	103	102	101	88	87	86	85	72	71	70	69	
413	406	116	115	114	113	100	99	98	97	84	83	82	81	68	67	66	65	
408	404	64	63	62	61	48	47	46	45	32	31	30	29	16	15	14	13	
406	402	60	59	58	57	44	43	42	41	28	27	26	25	12	11	10	9	
405	401	56	55	54	53	40	39	38	37	24	23	22	21	8	7	6	5	
		52	51	50	49	36	35	34	33	20	19	18	17	4	3	2	1	

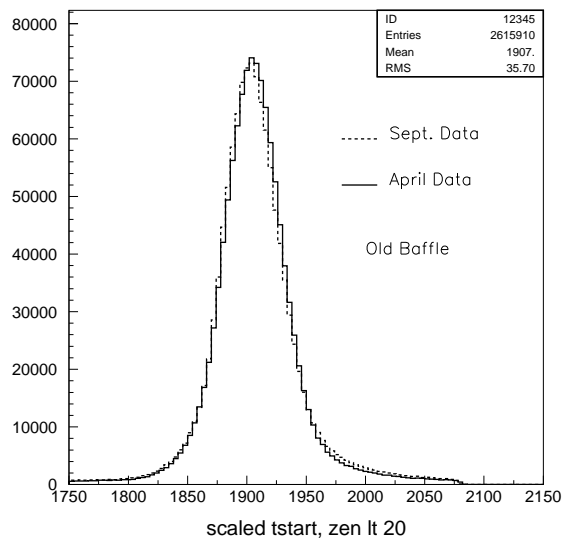
- Choose $\theta_z < 20^\circ$
- $\sim 20 \times 10^6$ events
- Tchi distributions for the old baffles and white baffles are similar
- Small increase in the light collection for the white and tyvek baffles

	#hits	#expected	%increase
AS	21088549	19505450	9%
Tyvek	1845807	1747044	5%
Mon	14602009	14020917	4%

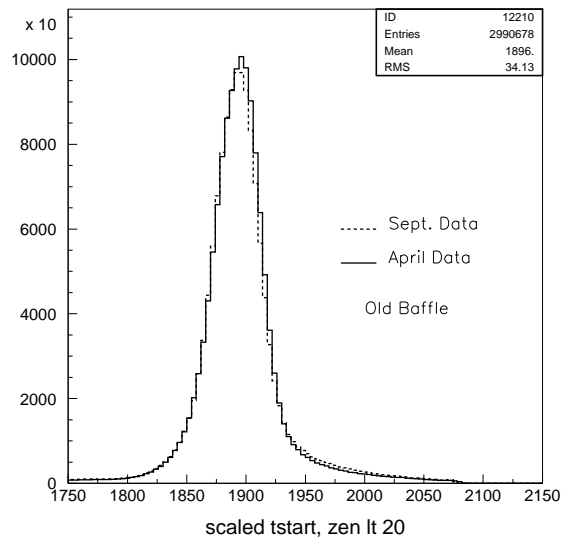
- PE distributions similar, tyvek slightly higher mean PE



AS Layer



AS Layer



Muon Layer

