Event parameter analysis:

3024_30175
3335_02568
3067_14134

Results of event parameter analysis for "Special" events

Jason Sielaff Nov. 2 1999

Event 3067_14134

Primary tracks:

#	dx/dz	dy/dz	length
2732	-.0145	.0223	.0041
3483	.2969	.085	.0014
4097	-.0211	-.2337	.0017
6028	-.4962	-.1119	.0001

Post kink track:

1845	-.0825	.08542	.00271

Parameters: 9

Track balance	Primary angle	Length	Post kink momentum	Kink	Total length
.428	.027	.00447	4.4	.092	.0099

Event 3024_30175

Evaluation:

	Evaluation	Normalization	Rate
Tau	.06	.85	1.0
charm ν_e	.53	.009	2.2
charm ν_e	.67	.003	2.2
charm ν_e	.89	.003	1.1
scatter ν_e NC	.09	1.10	1.1
scatter ν_e CC	.04	.48	2.2
scatter ν_μ NC (p)	.14	1.10	1.1
scatter ν_μ CC (p)	.112	.47	2.2
scatter ν_μ NC (np)	.03	1.10	.5
scatter ν_μ CC (np)	.04	.80	1.1

Event 3335_02658

Primary tracks:

#	dx/dz	dy/dz	length
15716	-.0302	.01078	.0072
5234	-.0048	.0055	.0102
5257	.0109	.0205	.0102
5398	.0047	.0012	.0113
5421	-.0150	-.0103	.0102
5747	.0132	-.0186	.0102
7713	.0409	-.0107	.0113

Post kink track:

7085	-.1211	-.0492	.0030

Parameters:

Track balance	Primary angle	Length	Post kink momentum	Kink	Total length
2.42	.032	.0078	.90	.155	.074

Event 3335_02658

Evaluation:

	Evaluation	Normalization	Rate
Tau	<.03	.85	1.1
charm ν_e	.14	.009	2.2
charm ν_e	<.08	.003	2.2
charm ν_e	.15	.003	1.1
scatter ν_e NC	<.014	8.1	1./
scatter ν_e CC	<.015	3.5	2.2
scatter ν_μ NC (p)	<.015	8.1	1.1
scatter ν_μ CC (p)	<.015	3.5	2.2
scatter ν_μ NC (np)	<.008	8.1	.55
scatter ν_μ CC (np)	<.014	5.9	1.1

Event 3067_14134

Primary tracks:

#	dx/dz	dy/dz	length
152856	-.0498	-.1129	.0003
39264	.0946	.0852	.0071
86149	-.1140	.0812	.0057
116410	-.2174	-.1487	.0042

Post kink track:

95396	-.0802	-.2295	.0045

Parameters:

Track balance	Primary angle	Length	Post kink momentum	Kink	Total length
2.81	.123	.055	4.2	.116	.022

Event 3067_14134

Evaluation:

	Evaluation	Normalization	Rate
Tau	.97	.85	1.1
charm ν_e	.41	.009	2.2
charm ν_e	.78	.003	2.2
charm ν_e	.40	.003	1.1
scatter ν_e **NC**	<.014	3.08	1.1
scatter ν_e **CC**	.030	1.34	2.2
scatter ν_μ **NC (p)**	<.015	3.08	1.1
scatter ν_μ **CC (p)**	<.015	1.32	2.2
scatter ν_μ **NC (np)**	<.008	3.08	.55
scatter ν_μ **CC (np)**	.025	2.24	1.1