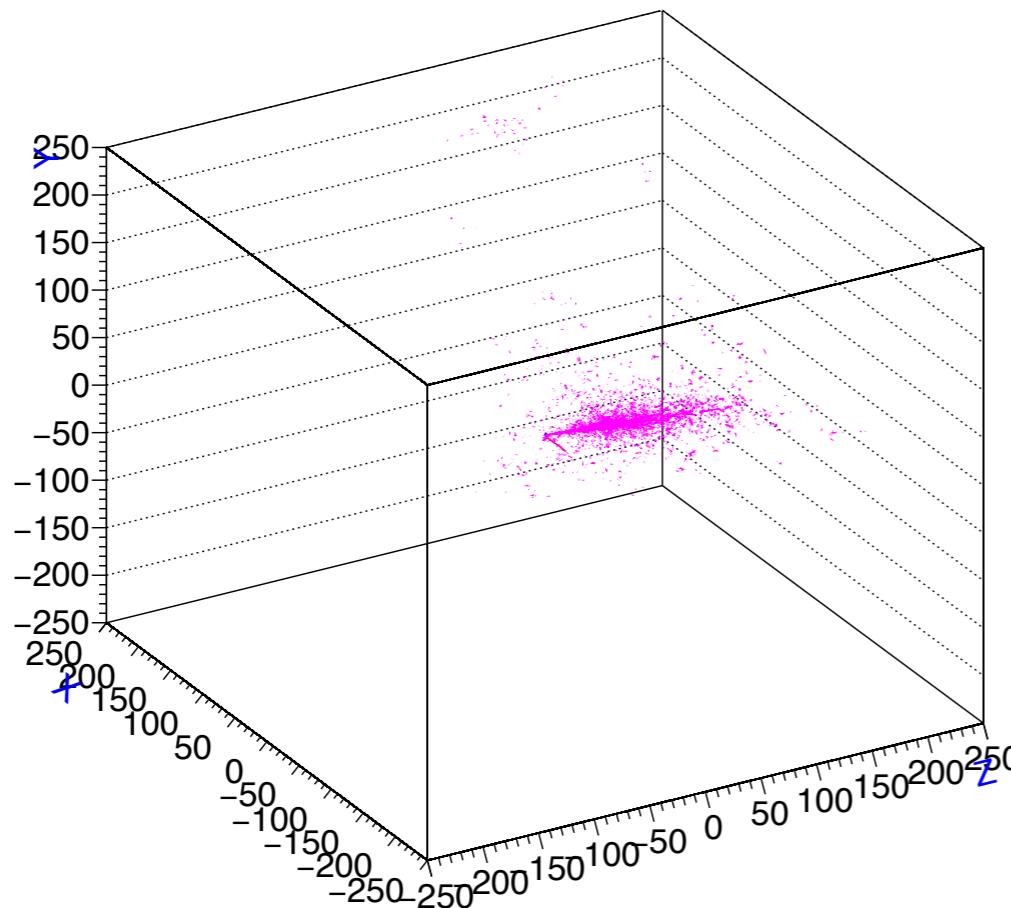


$\bar{\nu}_e$

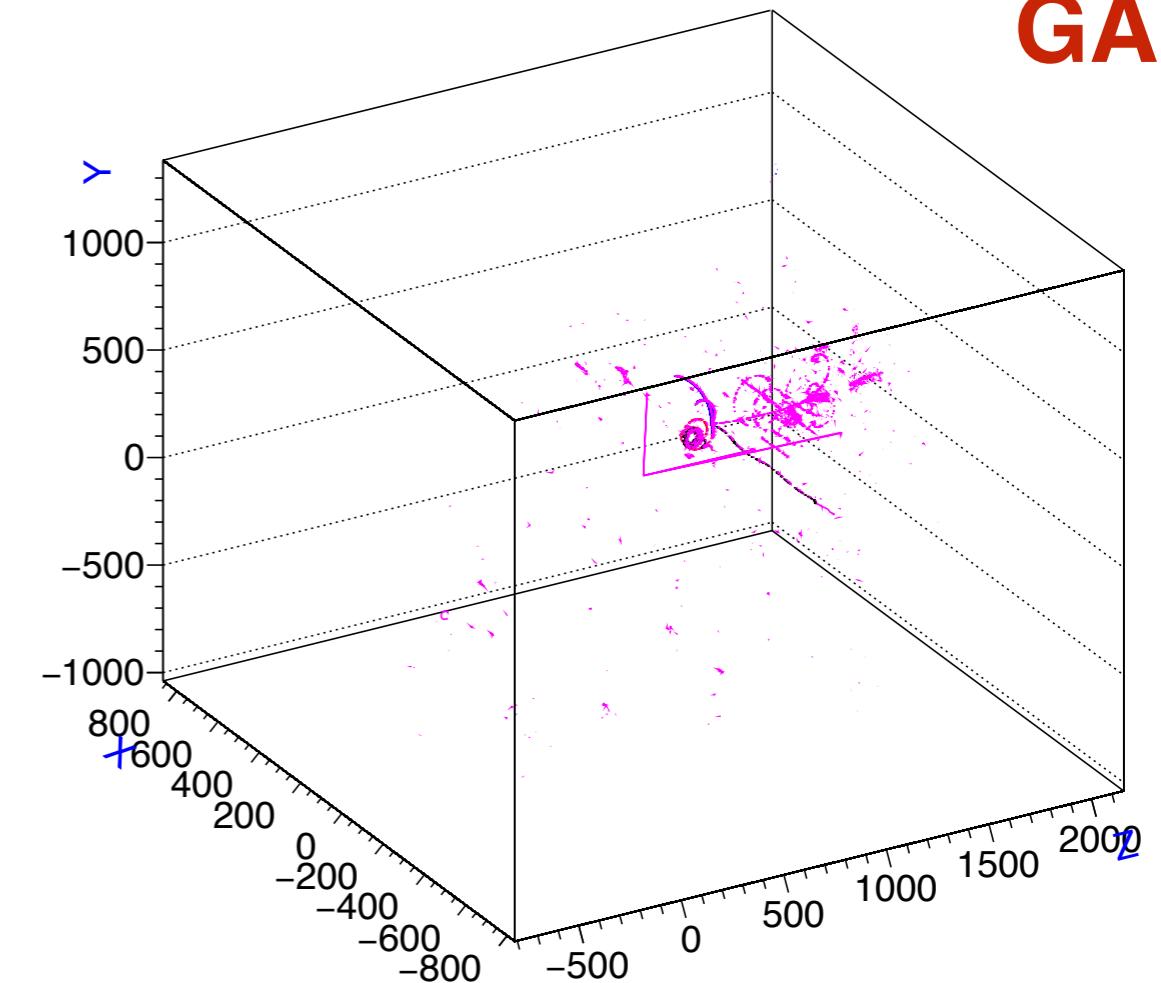
LAr

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GAr



MCTruth	Ptcl	trackID	PDG	P	T	Moth	Process
0	0	0	#bar{#nu}_{e}	6667	6667	-1	primary
0	1	1	${}^{40}\text{Ar}$	0	0	-1	primary
0	4	4	e^{\pm}	5488	5488	0	primary
0	9	9	p	176	16	8	primary
0	10	10	p	261	35	8	primary
0	11	11	p	325	54	8	primary
0	12	12	p	93	4	8	primary
0	13	13	p	335	58	8	primary
0	14	14	p	151	12	8	primary
0	15	15	n	131	9	8	primary
0	16	16	n	139	10	8	primary
0	17	17	n	129	8	8	primary
0	18	18	n	256	34	8	primary
0	19	19	n	236	29	8	primary
0	20	20	n	264	36	8	primary
0	21	21	n	332	57	8	primary
0	22	22	n	902	363	7	primary
0	23	23	π^-	211	114	7	primary
0	24	24	π^+	124	47	7	primary

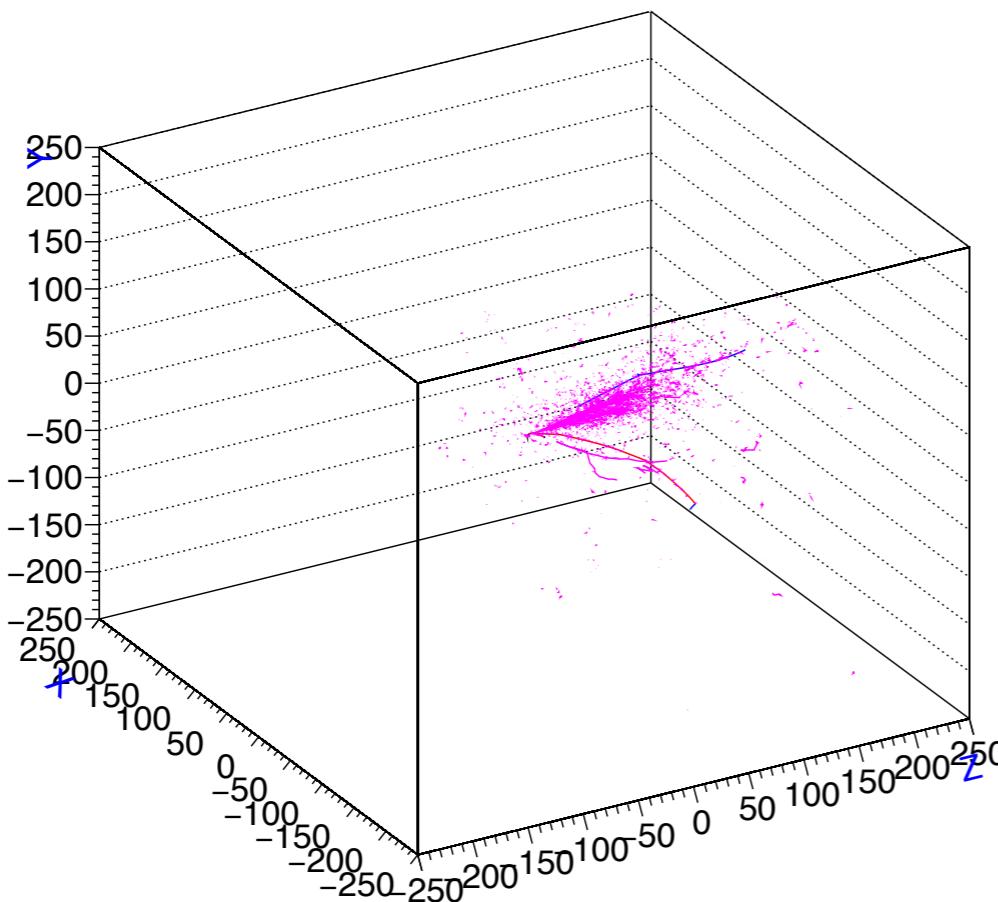
Note: Momentum, P, and kinetic energy, T, in MeV/c

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electron

$\bar{\nu}_e$

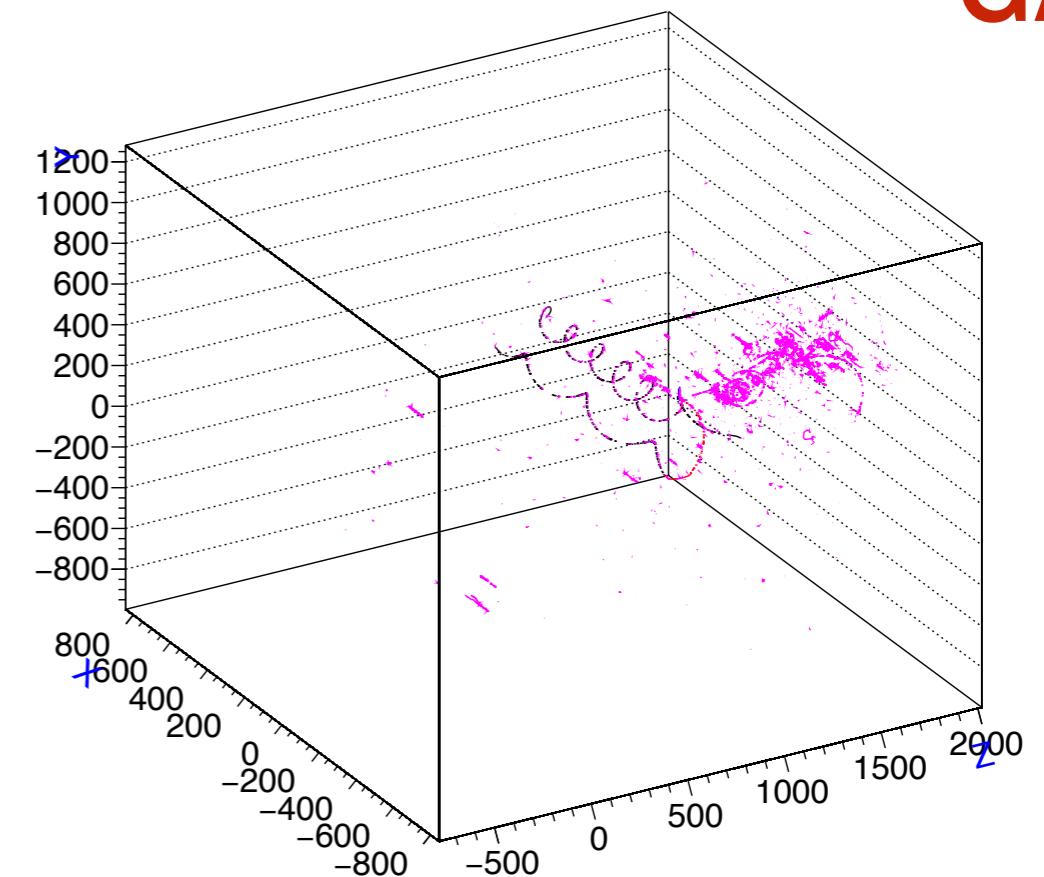
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MCTruth	Ptcl	trackID	PDG	P	T	Moth	Process
0	0	0	#bar{#nu}_{e}	8437	8437	-1	primary
0	1	1	^{40}Ar	0	0	-1	primary
0	4	4	e^{+}	2662	2661	0	primary
0	16	16	#pi^{0}	3390	3258	9	primary
0	17	17	n	1574	893	12	primary
0	18	18	#pi^{-}	246	143	13	primary
0	20	20	K^{+}	68	4	19	primary
0	21	21	p	230	27	19	primary
0	22	22	p	189	19	19	primary
0	23	23	n	197	20	19	primary
0	24	24	#pi^{-}	613	489	15	primary

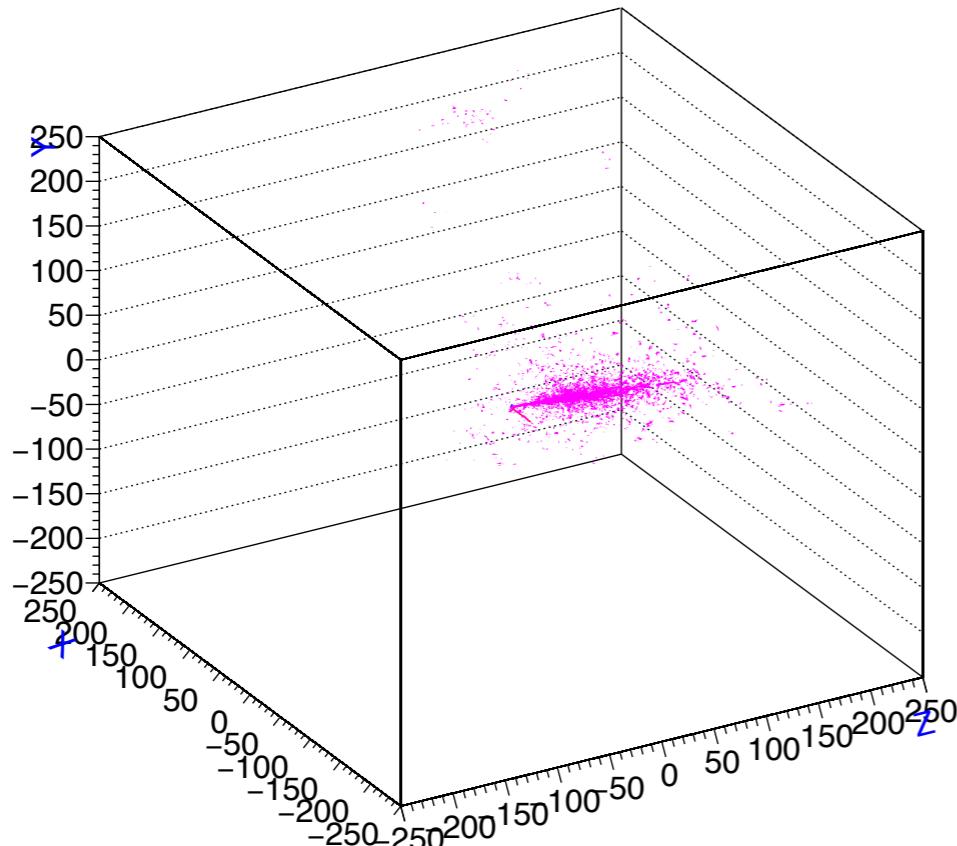
Note: Momentum, P, and kinetic energy, T, in MeV/c

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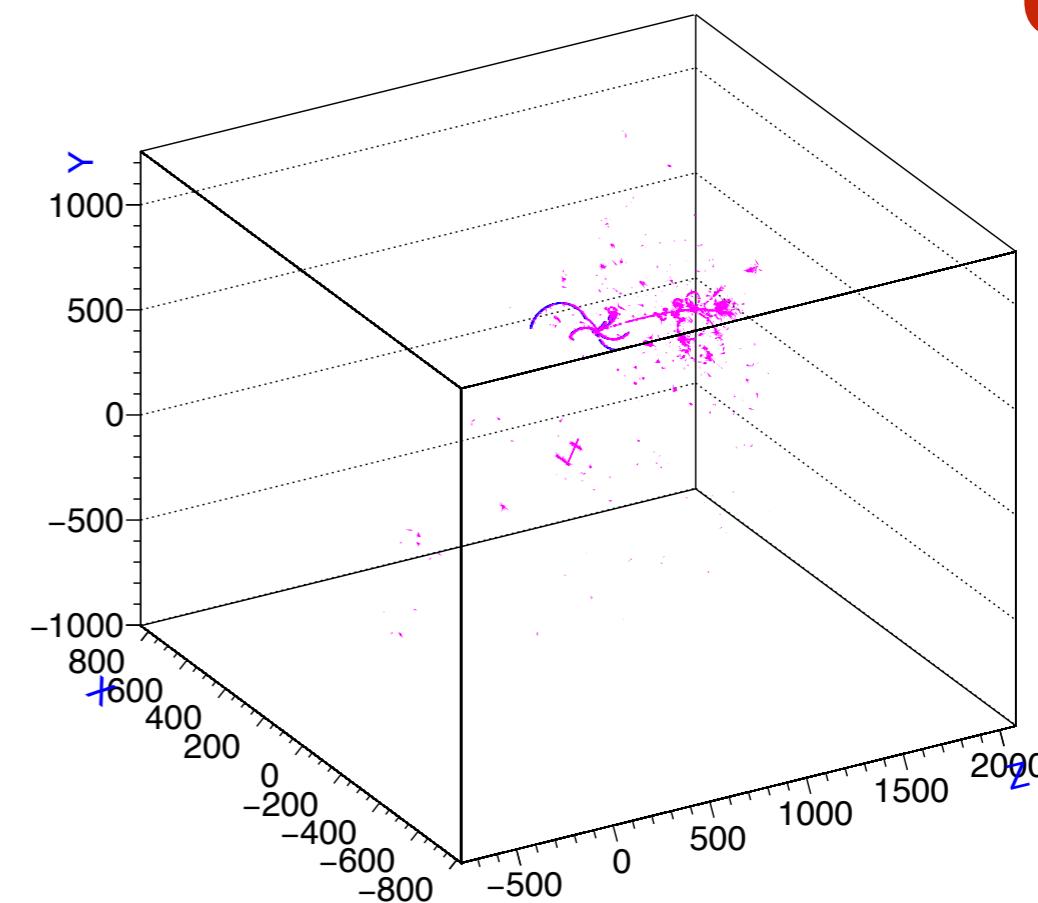
ν_e

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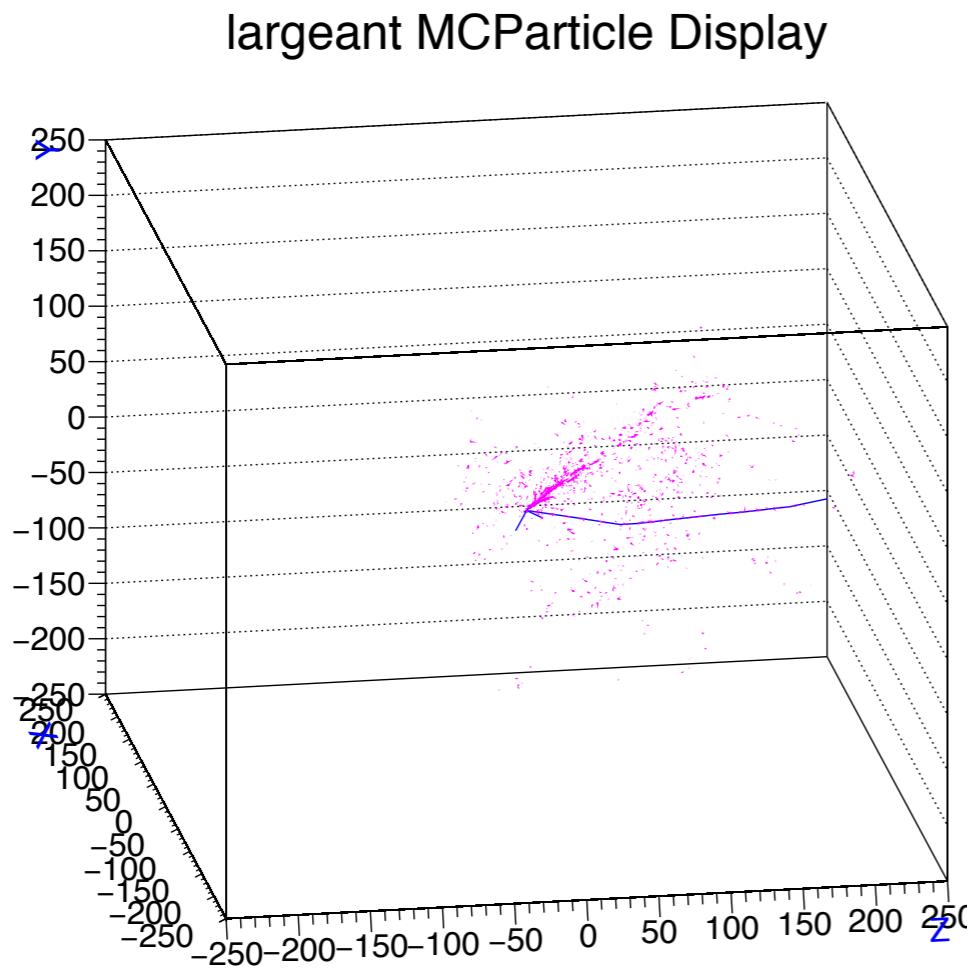
GAr

MCTruth	Ptcl	trackID	PDG	P	T	Moth	Process
0	0	0	#nu_{e}	9994	9994	-1	primary
0	1	1	^{40}Ar	0	0	-1	primary
0	4	4	e^{-}	8033	8033	0	primary
0	11	11	p	244	31	10	primary
0	12	12	p	103	5	10	primary
0	13	13	p	492	121	10	primary
0	14	14	p	299	46	10	primary
0	15	15	p	171	15	10	primary
0	16	16	p	191	19	10	primary
0	17	17	n	306	48	10	primary
0	18	18	n	344	60	10	primary
0	19	19	n	240	30	10	primary
0	20	20	n	253	33	10	primary
0	21	21	#pi^{\{0\}}	515	397	7	primary
0	22	22	p	352	63	7	primary
0	23	23	p	669	214	8	primary
0	24	24	p	332	57	8	primary
0	25	25	#pi^{\{0\}}	711	588	9	primary

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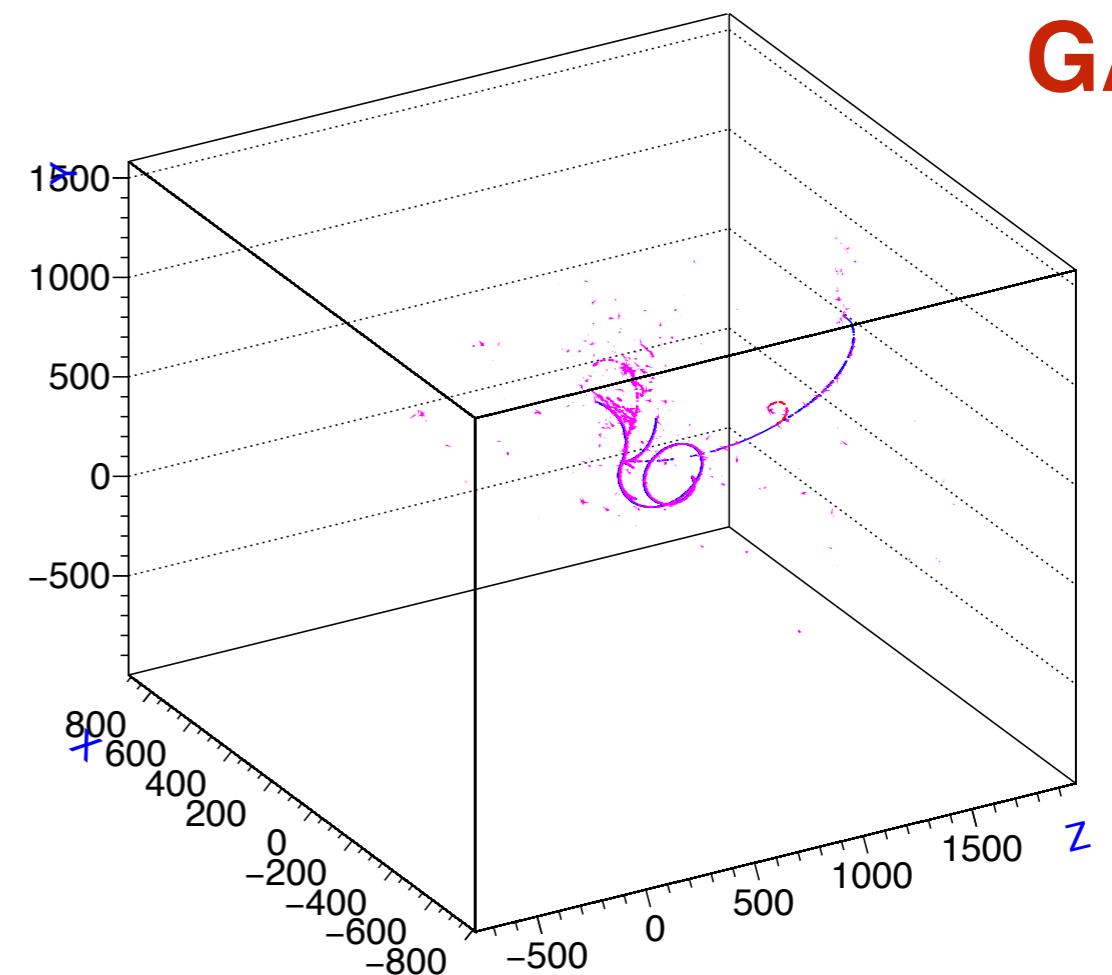
ν_e

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MCTruth	Ptcl	trackID	PDG	P	T	Moth	Process
0	0	0	#nu_{e}	3392	3392	-1	primary
0	1	1	^{40}Ar	0	0	-1	primary
0	4	4	e^{-}	1279	1278	0	primary
0	8	8	p	2194	1448	6	primary
0	10	10	p	134	9	9	primary
0	11	11	p	475	113	9	primary
0	12	12	p	553	151	9	primary
0	13	13	p	314	51	9	primary
0	14	14	p	231	28	9	primary
0	15	15	p	579	164	9	primary
0	16	16	n	227	27	9	primary
0	17	17	n	420	89	9	primary
0	18	18	n	177	16	9	primary

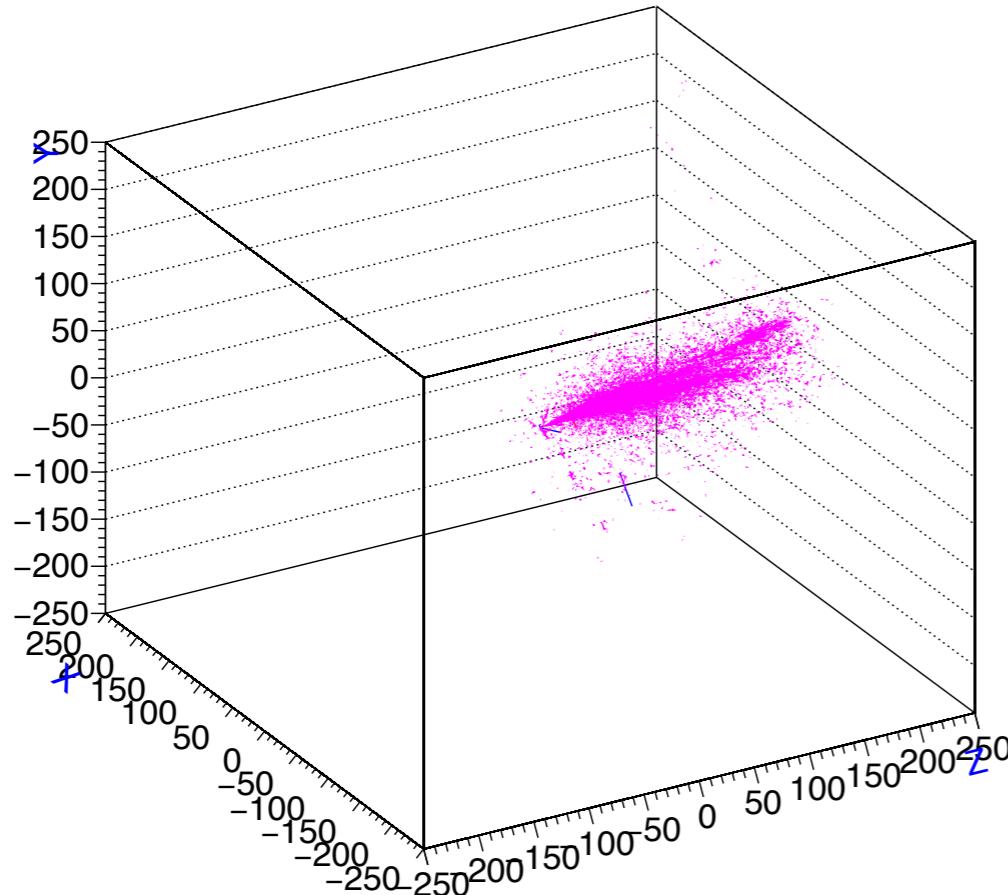
Note: Momentum, P, and kinetic energy, T, in MeV/c

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ν_e

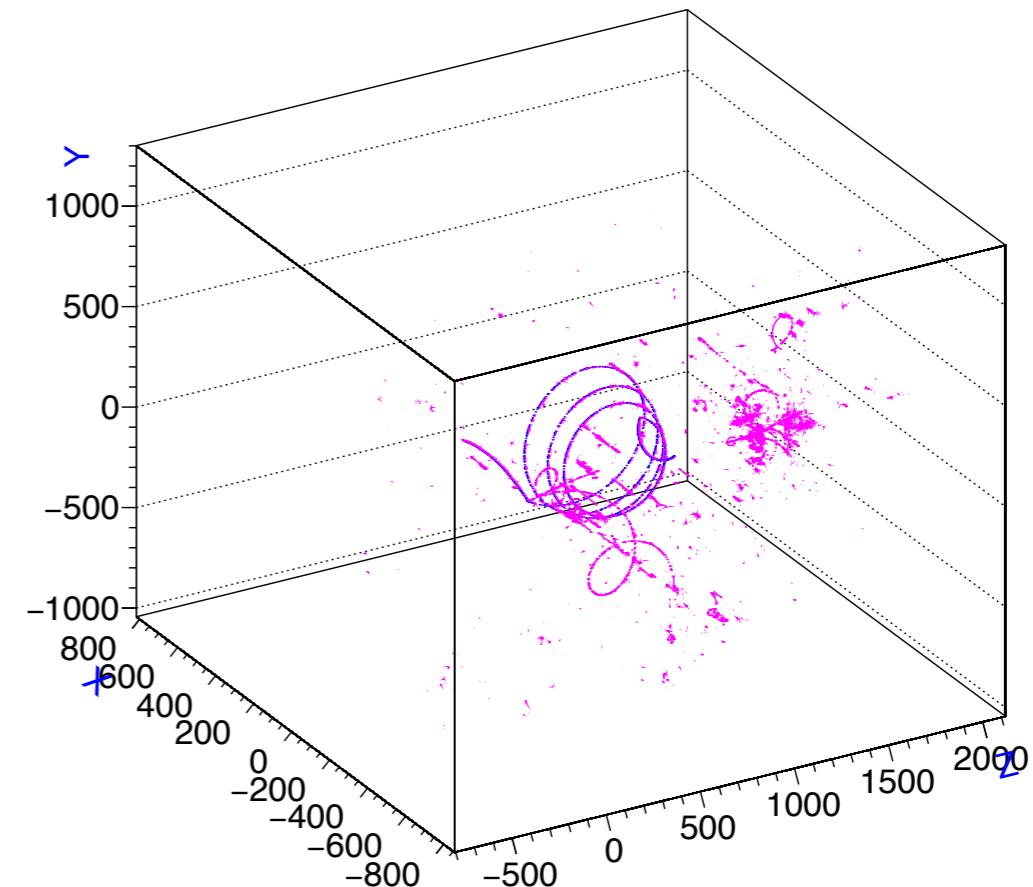
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MCTruth	Ptcl	trackID	PDG	P	T	Moth	Process
0	0	0	#nu_{e}	29110	29110	-1	primary
0	1	1	^{40}Ar	0	0	-1	primary
0	4	4	e^-	9039	9039	0	primary
0	15	15	#pi^0	16668	16534	9	primary
0	16	16	#pi^0	1363	1235	10	primary
0	17	17	#pi^0	1191	1063	12	primary
0	18	18	p	1118	521	13	primary
0	19	19	#pi^0	170	82	14	primary
0	20	20	p	379	73	14	primary

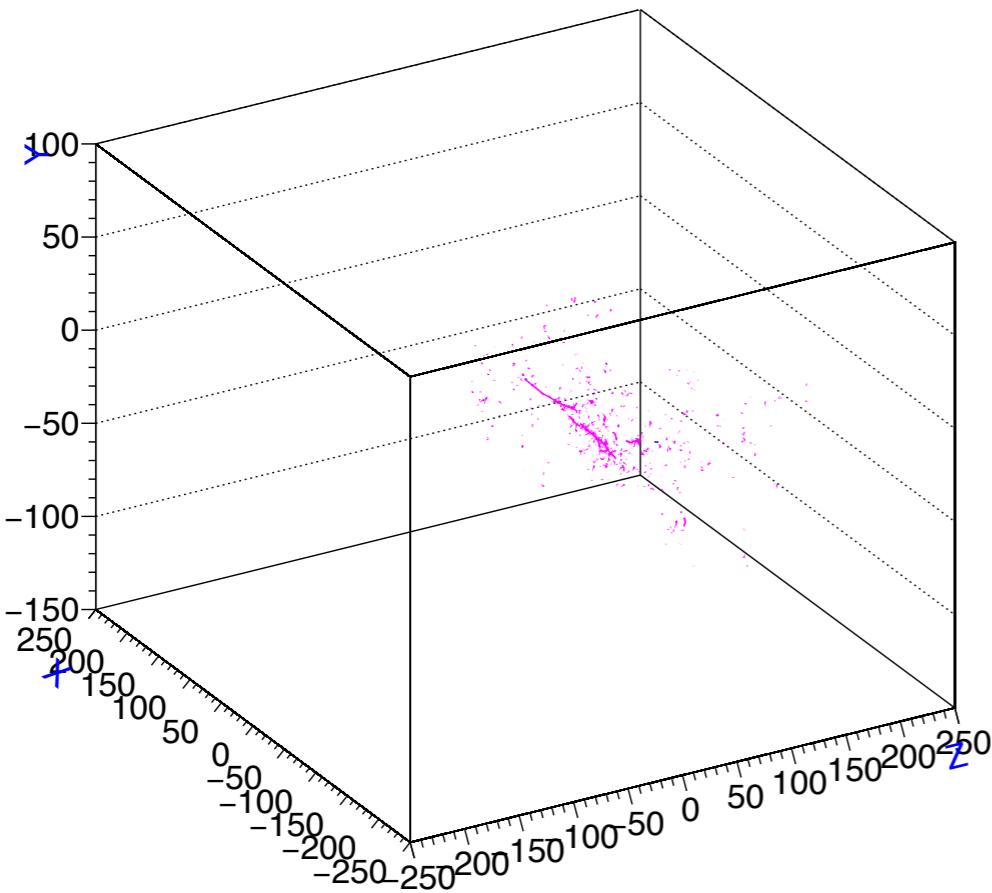
Note: Momentum, P, and kinetic energy, T, in MeV/c

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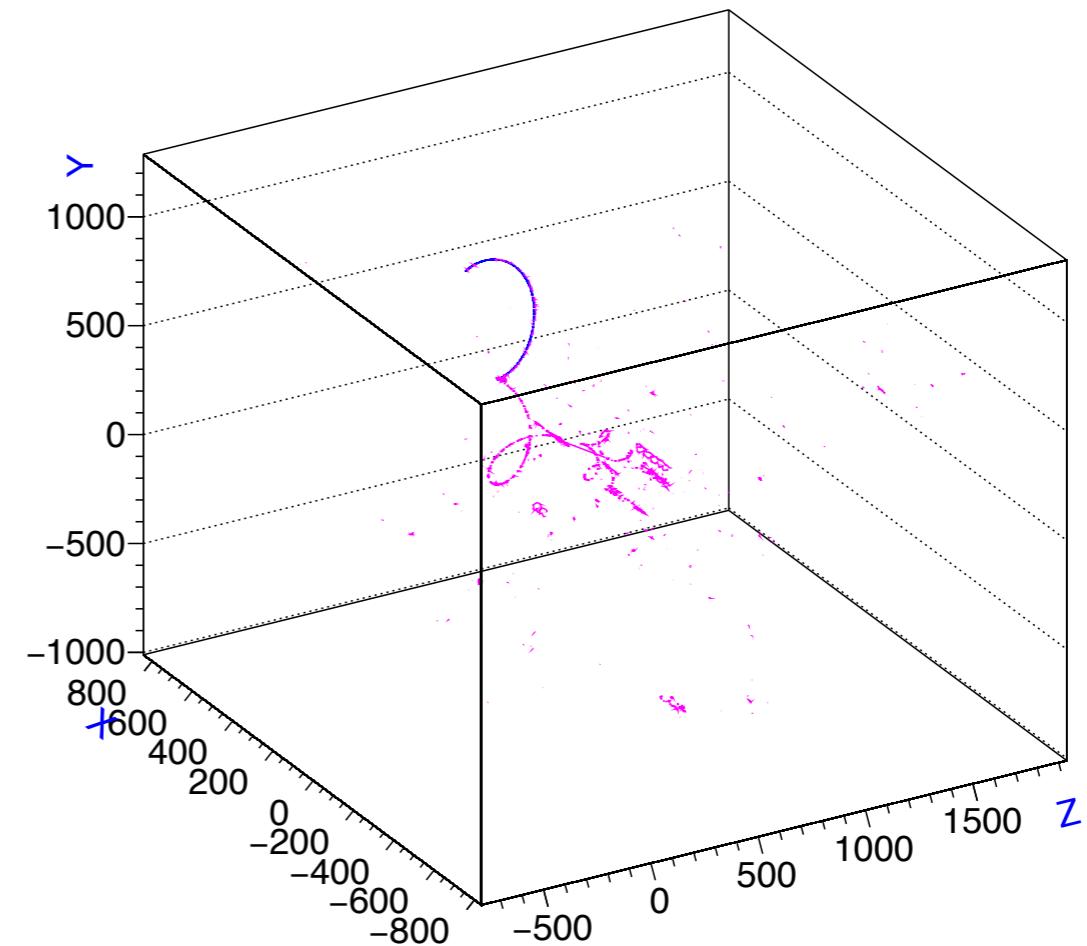
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MCTruth	Ptcl	trackID
0	0	0
0	1	1
0	4	4
0	8	8
0	10	10
0	11	11
0	12	12
0	13	13
0	14	14
0	15	15
0	16	16
0	17	17
0	18	18

PDG	P	T	Moth	Process
#nu_{e}	1101	1101	-1	primary
^{40}Ar	0	0	-1	primary
e^{-}	616	616	0	primary
p	898	360	6	primary
p	40	0	9	primary
p	157	13	9	primary
p	264	36	9	primary
n	291	44	9	primary
n	110	6	9	primary
n	107	6	9	primary
n	117	7	9	primary
n	111	6	9	primary
n	199	21	9	primary

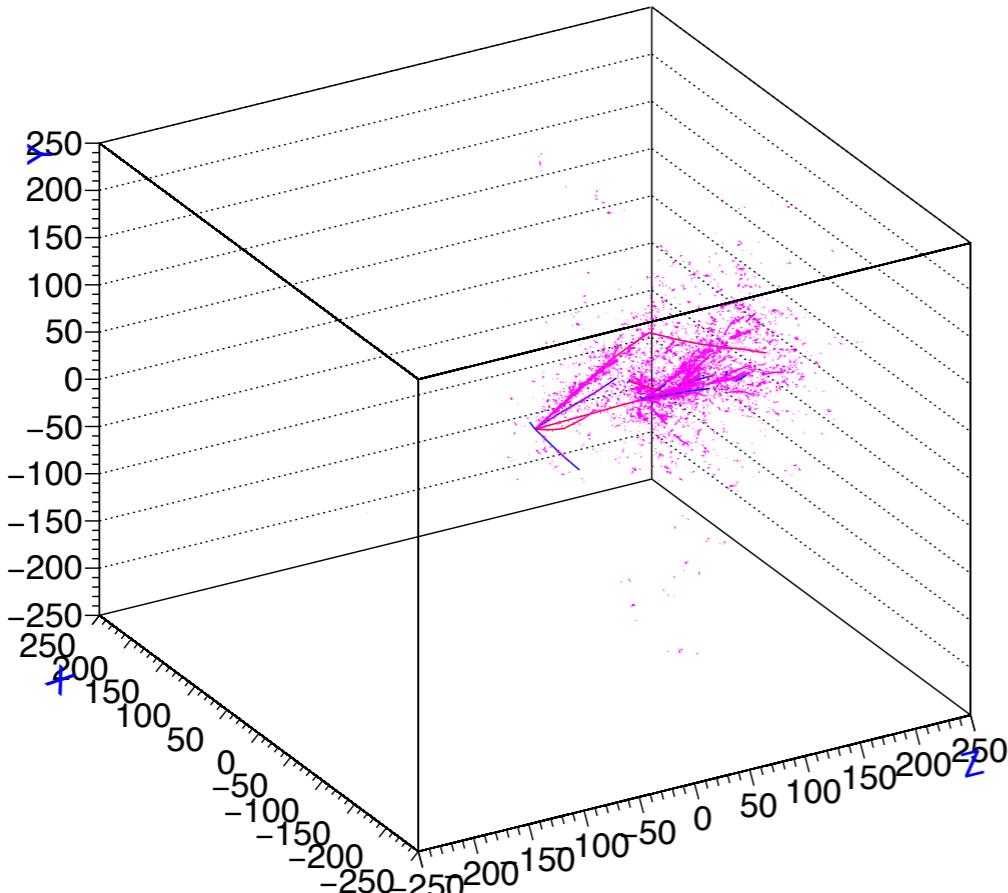
Note: Momentum, P, and kinetic energy, T, in MeV/c

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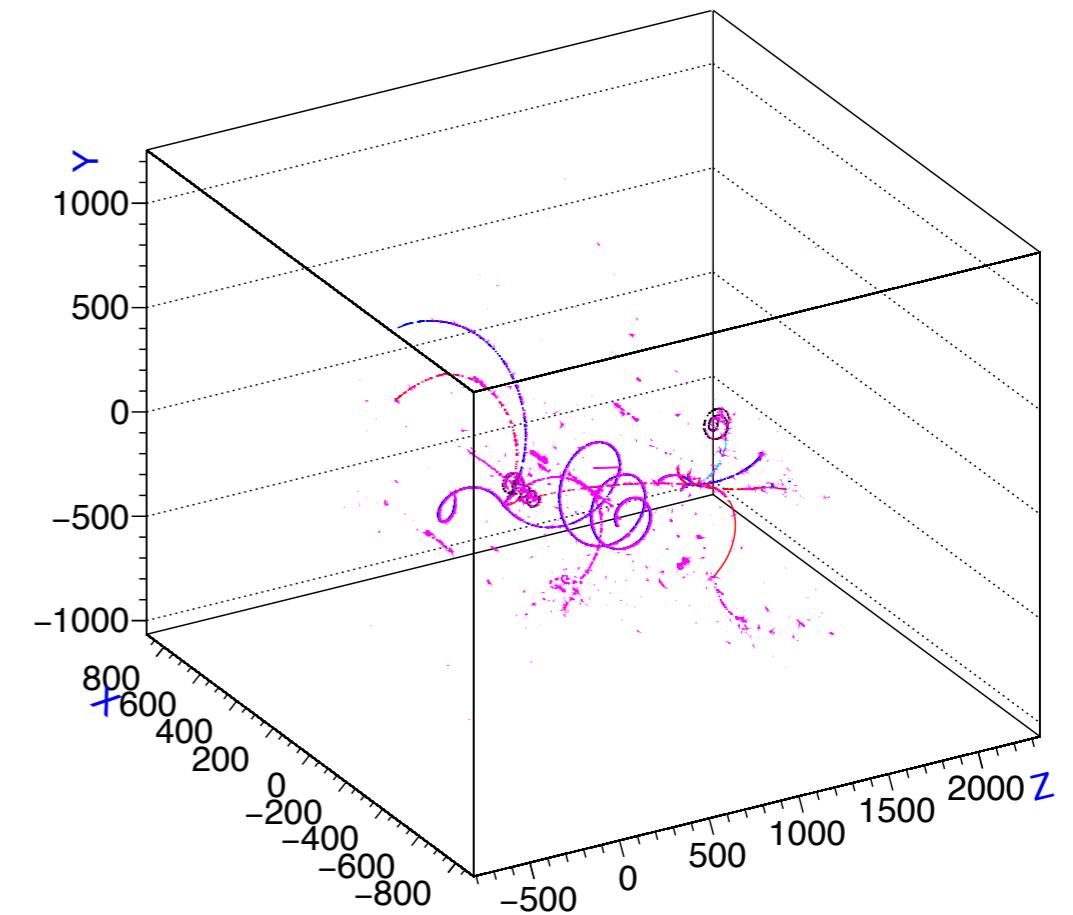
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GAr



MCTruth	Ptcl	trackID	PDG	P	T	Moth	Process
0	0	0	#nu_{e}	13287	13287	-1	primary
0	1	1	^{40}Ar	0	0	-1	primary
0	4	4	e^{\pm}	1160	1159	0	primary
0	15	15	#pi^{+}	240	138	9	primary
0	16	16	n	106	6	9	primary
0	17	17	#pi^{-}	10031	9893	10	primary
0	18	18	#pi^{+}	819	691	12	primary
0	19	19	p	193	19	12	primary
0	20	20	p	1071	485	13	primary
0	22	22	p	857	333	21	primary
0	23	23	p	455	104	21	primary

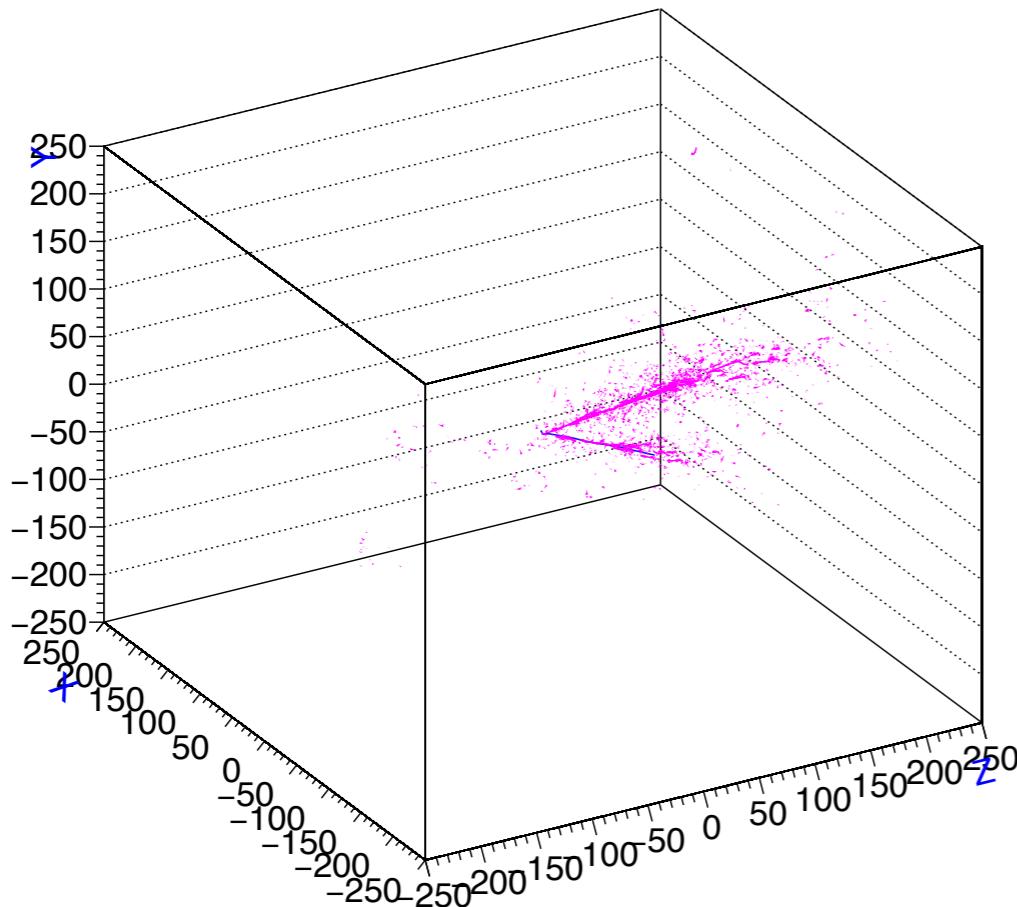
Note: Momentum, P, and kinetic energy, T, in MeV/c

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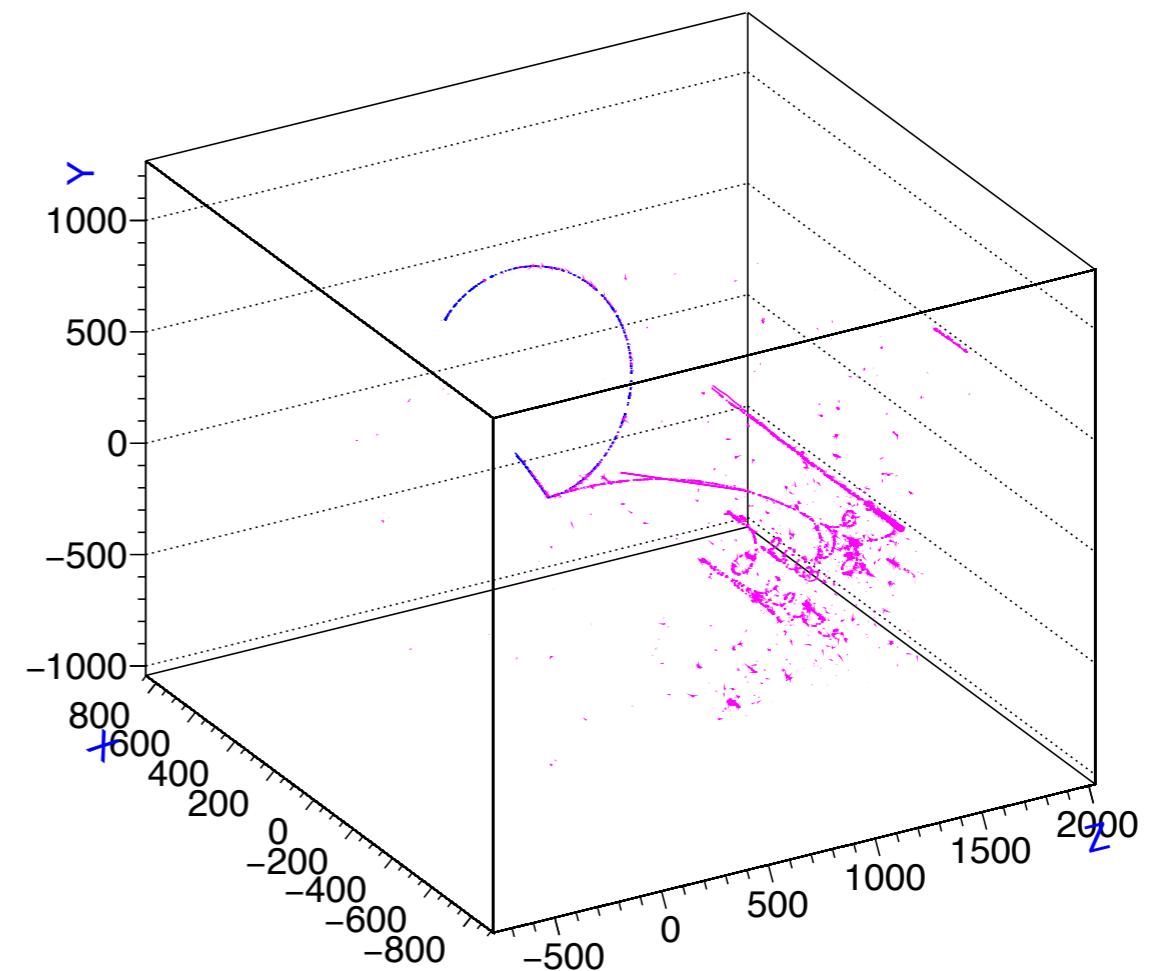
ν_e

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GAr

MCTruth	Ptcl	trackID	PDG	P	T	Moth	Process
0	0	0	#nu_{e}	4915	4915	-1	primary
0	1	1	^{40}Ar	0	0	-1	primary
0	4	4	e^{-}	3193	3192	0	primary
0	8	8	p	1391	739	6	primary
0	9	9	n	343	60	6	primary
0	10	10	#pi^0	739	617	7	primary
0	11	11	p	546	147	7	primary

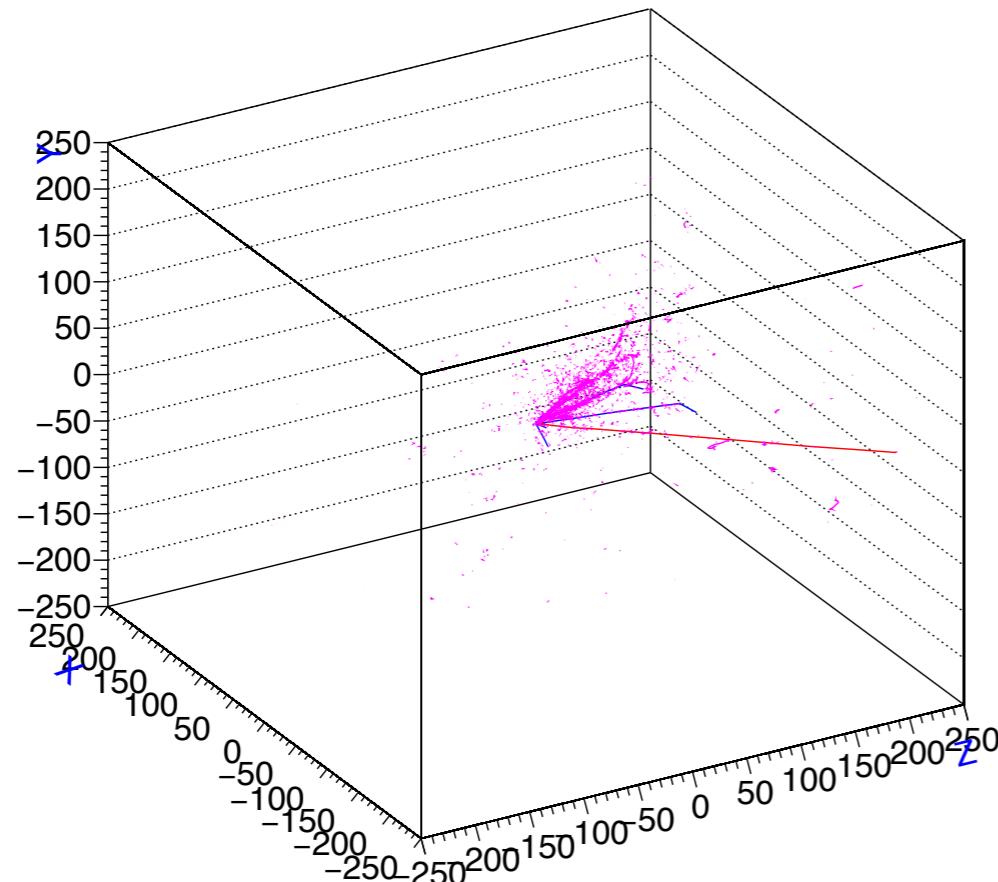
Note: Momentum, P, and kinetic energy, T, in MeV/c

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ν_e

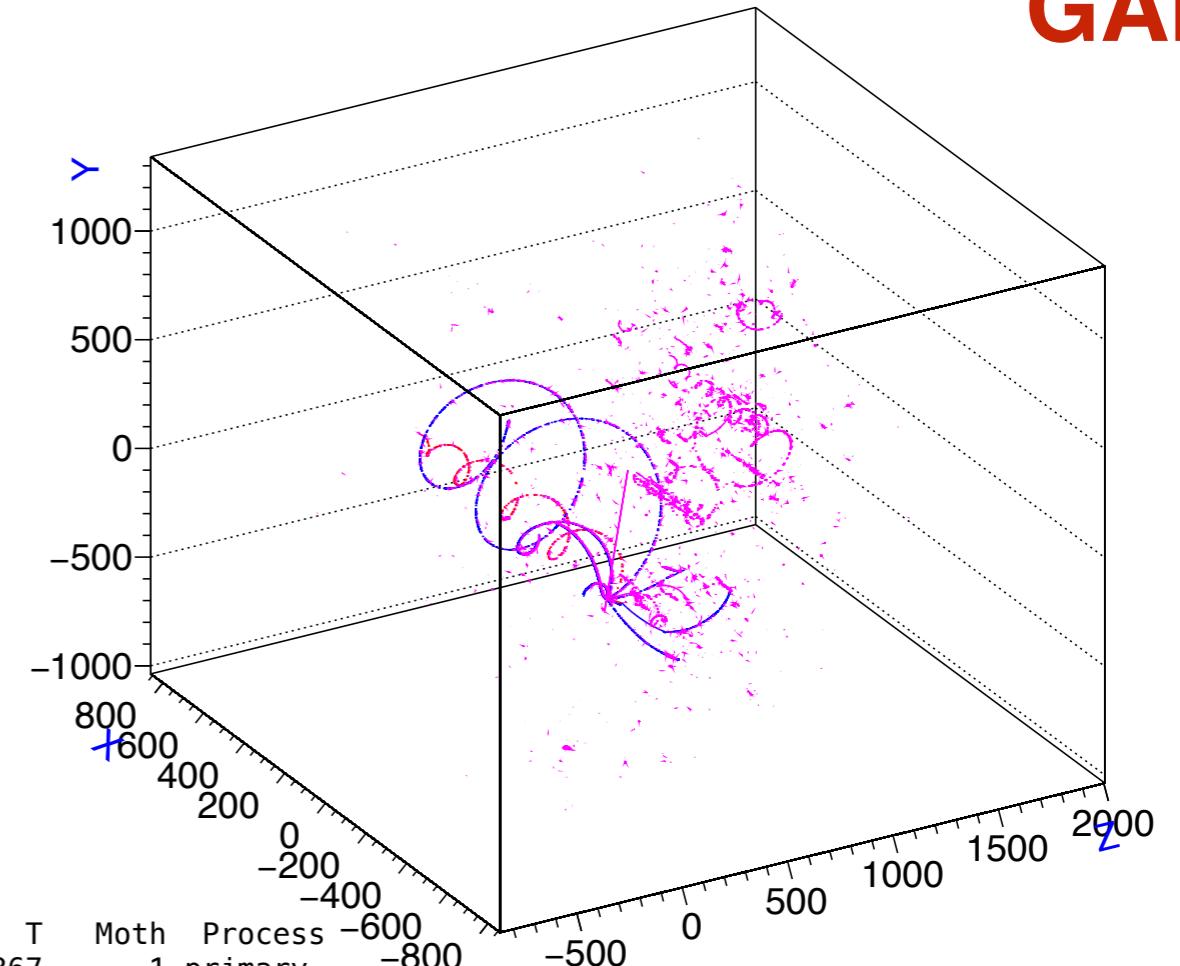
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GAr



MCTruth	Ptcl	trackID	PDG	P	T	Moth	Process
0	0	0	#nu_{e}	7367	7367	-1	primary
0	1	1	^{40}Ar	0	0	-1	primary
0	4	4	e^{-}	1248	1248	0	primary
0	17	17	#pi^{+}	354	241	9	primary
0	18	18	p	176	16	9	primary
0	19	19	#pi^{0}	1941	1811	10	primary
0	20	20	p	476	114	10	primary
0	21	21	p	1471	806	13	primary
0	23	23	p	332	57	22	primary
0	24	24	p	495	122	22	primary
0	25	25	p	108	6	22	primary
0	26	26	p	645	200	22	primary
0	27	27	p	1139	538	22	primary
0	28	28	p	408	85	22	primary
0	29	29	n	269	37	22	primary
0	30	30	n	391	78	22	primary
0	31	31	n	516	132	22	primary
0	32	32	#pi^{-}	730	603	15	primary
0	33	33	#pi^{0}	793	669	16	primary

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Note: Momentum, P, and kinetic energy, T, in MeV/c