

Masa Invariante: Sample5

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- Open Data CERN

Física de Partículas, Primavera 2019

Sample5

	Run	Event	pt	eta	phi	Q	chiSq	dxy	iso	MET	phiMET
0	173389	489963747	29.3153	-0.1393	1.3561	1	0.8456	-0.0600	0.0000	30.6670	-2.1308
1	173389	490024840	44.1461	-1.3590	-0.5390	1	1.2943	-0.0126	26.3423	27.9521	-2.6686
2	173389	490102189	42.7895	-1.0193	2.3390	-1	0.8078	-0.0840	2.9748	5.1565	0.3061
3	173389	490092121	31.2215	-0.1270	-0.4889	-1	109.9490	0.0723	56.4897	4.2143	-0.1166
4	173389	490193981	36.9668	1.8557	1.3772	1	1.0597	-0.0676	41.4910	20.9963	-1.6251

• Masa Invariante

Física de Partículas, Primavera 2019

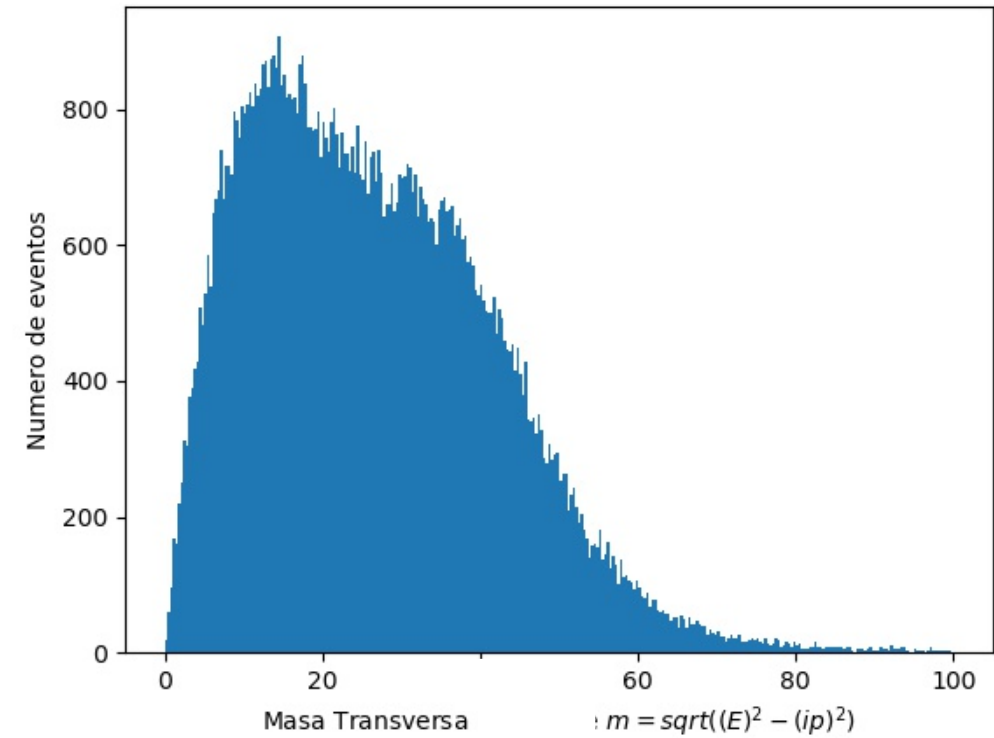
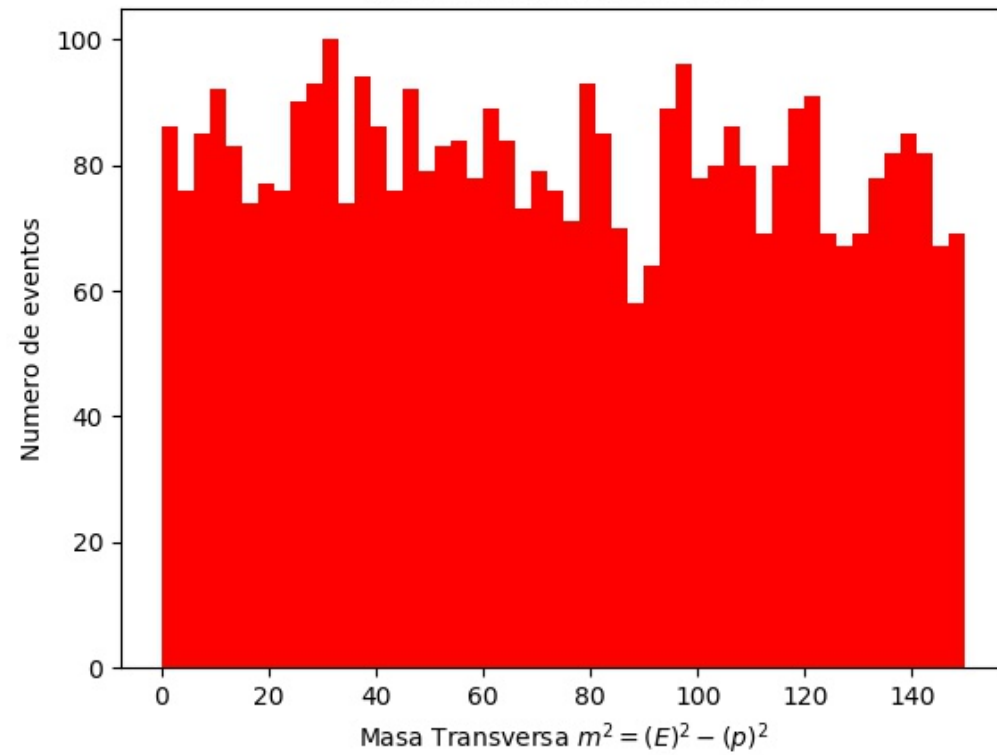
Como primer resultado

Run	Event	pt	eta	phi	Q	chiSq	dxy	iso	MET	phiMET	TMI	MT
173389	489963747	29.3153	-0.1393	1.3561	1	0.8456	-0.06	0	30.667	-2.1308	30.667	81.0780749
173389	490024840	44.1461	-1.359	-0.539	1	1.2943	-0.0126	26.3423	27.9521	-2.6686	27.9521	-1167.55825
173389	490102189	42.7895	-1.0193	2.339	-1	0.8078	-0.084	2.9748	5.1565	0.3061	5.1565	-1804.35182
173389	490092121	31.2215	-0.127	-0.4889	-1	109.949	0.0723	56.4897	4.2143	-0.1166	4.2143	-957.021738
173389	490193981	36.9668	1.8557	1.3772	1	1.0597	-0.0676	41.491	20.9963	-1.6251	20.9963	-925.699689
173389	490263816	38.8076	0.1219	-1.6459	-1	0.714	0.0676	0.7813	44.7086	0.7723	44.7086	492.829096
173389	490374429	38.9578	1.5418	-0.7893	-1	1.2098	0.0824	0.6805	47.1312	2.255	47.1312	703.639833
173389	490393233	63.9973	1.7514	-1.2813	-1	0.764	0.0842	1.1697	21.3818	0.6423	21.3818	-3638.47304
173389	490524901	31.5998	-0.9261	2.7509	-1	0.6402	-0.0821	5.2937	7.6419	-1.4906	7.6419	-940.148724
173389	490513283	31.0776	0.5388	2.6887	1	1.0553	-0.0725	0.2239	31.6226	-0.8311	31.6226	34.171609
173389	490341938	36.816	1.3428	-2.106	1	1.5795	0.0826	27.9453	42.2456	-2.4146	42.2456	429.272863

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Erroneamente



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Física de Partículas, Primavera 2019

$$\text{Ocupando: } m = \sqrt{2ptMET(1 - \cos(\Delta\phi))}$$

Run	Event	pt	eta	phi	Q	chiSq	dxy	iso	MET	phiMET	TMI	MT	M
173389	489963747	29.3153	-0.1393	1.3561	1	0.8456	-0.06	0	30.667	-2.1308	30.667	81.0780749	59.075498
173389	490024840	44.1461	-1.359	-0.539	1	1.2943	-0.0126	26.3423	27.9521	-2.6686	27.9521	-1167.55825	61.4523573
173389	490102189	42.7895	-1.0193	2.339	-1	0.8078	-0.084	2.9748	5.1565	0.3061	5.1565	-1804.35182	25.2592267
173389	490092121	31.2215	-0.127	-0.4889	-1	109.949	0.0723	56.4897	4.2143	-0.1166	4.2143	-957.021738	4.24591755
173389	490193981	36.9668	1.8557	1.3772	1	1.0597	-0.0676	41.491	20.9963	-1.6251	20.9963	-925.699689	55.5844304
173389	490263816	38.8076	0.1219	-1.6459	-1	0.714	0.0676	0.7813	44.7086	0.7723	44.7086	492.829096	77.9172983
173389	490374429	38.9578	1.5418	-0.7893	-1	1.2098	0.0824	0.6805	47.1312	2.255	47.1312	703.639833	85.598742
173389	490393233	63.9973	1.7514	-1.2813	-1	0.764	0.0842	1.1697	21.3818	0.6423	21.3818	-3638.47304	60.6826687
173389	490524901	31.5998	-0.9261	2.7509	-1	0.6402	-0.0821	5.2937	7.6419	-1.4906	7.6419	-940.148724	26.4967161
173389	490513283	31.0776	0.5388	2.6887	1	1.0553	-0.0725	0.2239	31.6226	-0.8311	31.6226	34.171609	61.5801246
173389	490341938	36.816	1.3428	-2.106	1	1.5795	0.0826	27.9453	42.2456	-2.4146	42.2456	429.272863	12.1221674

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Bosón W^+

