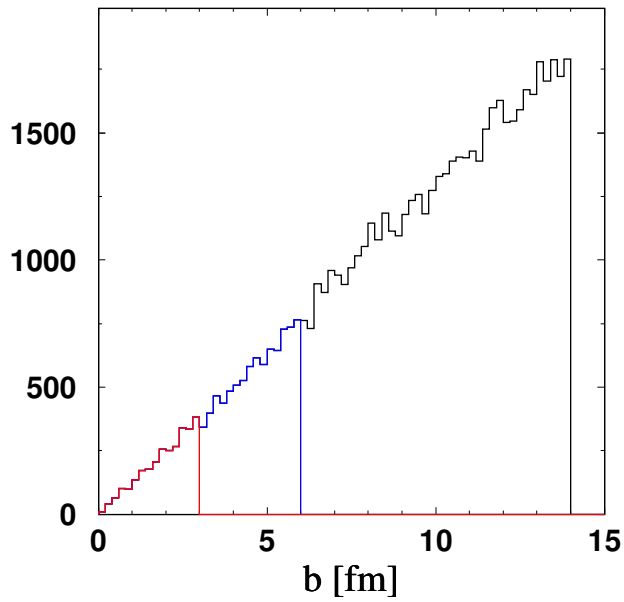
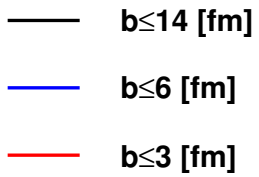
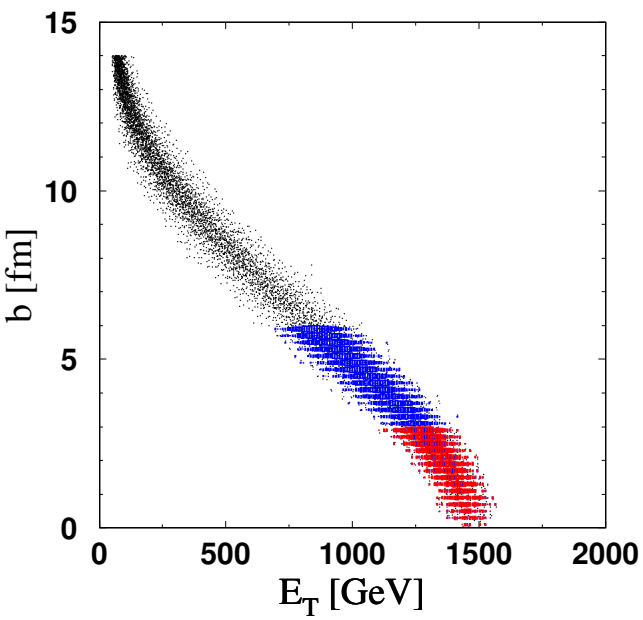
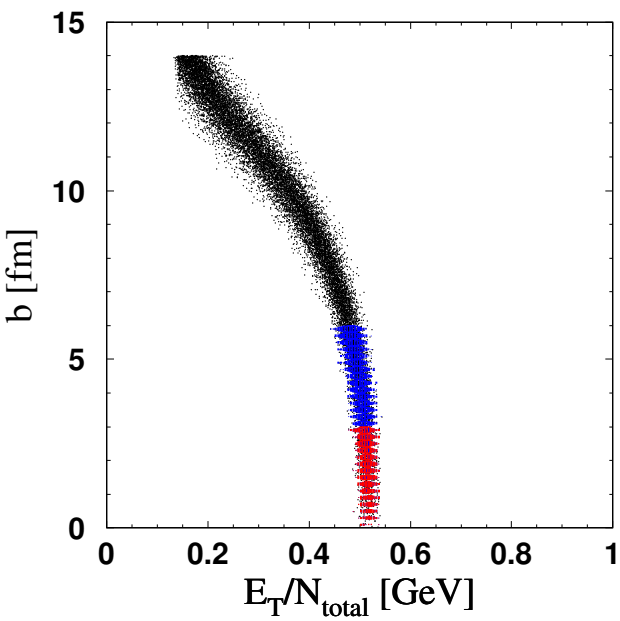
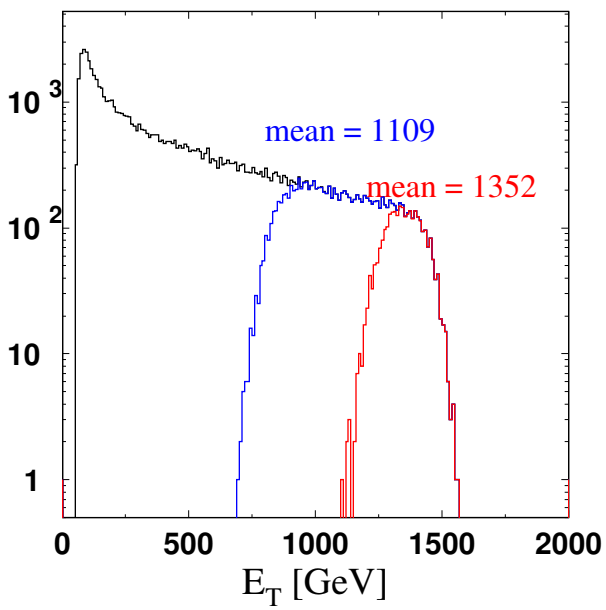
RQMD(v2.3) 158 A GeV Pb+Pb

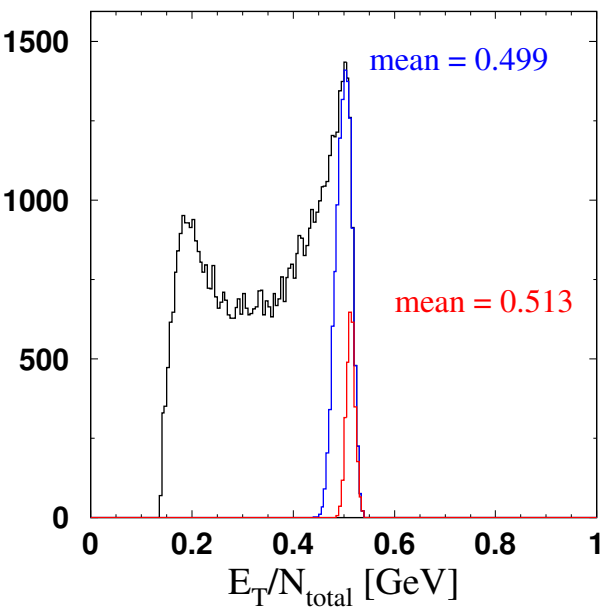




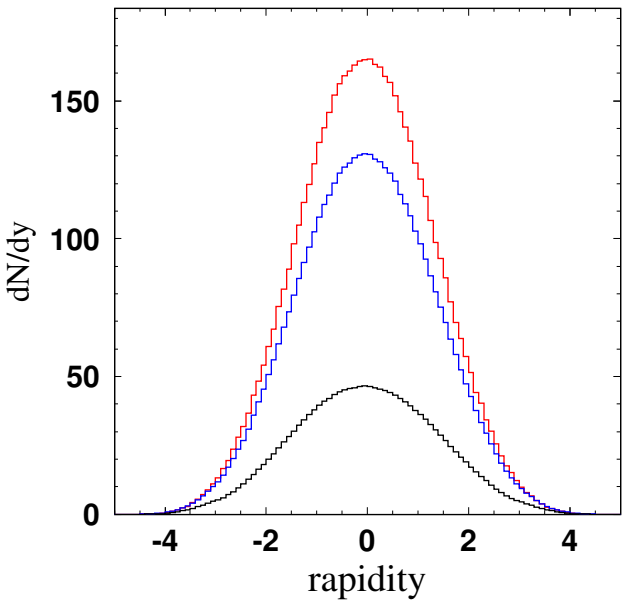






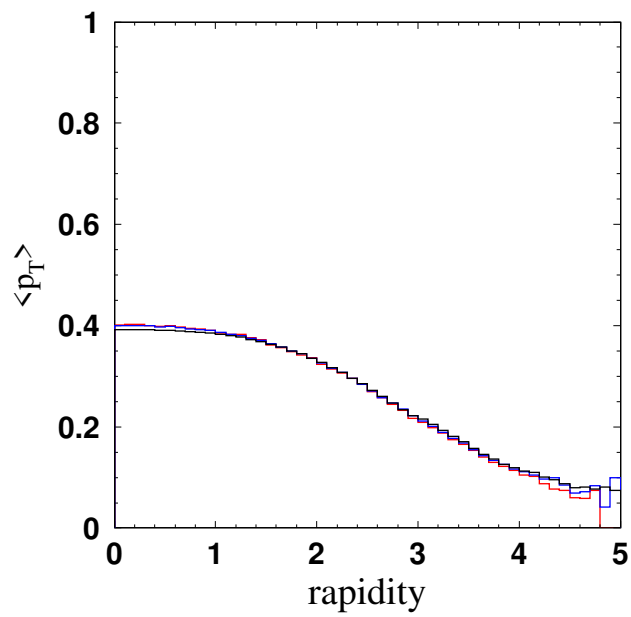


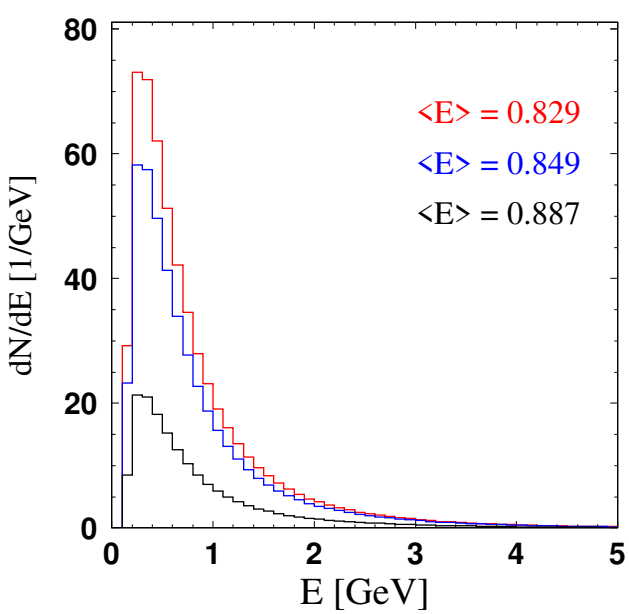
π^+

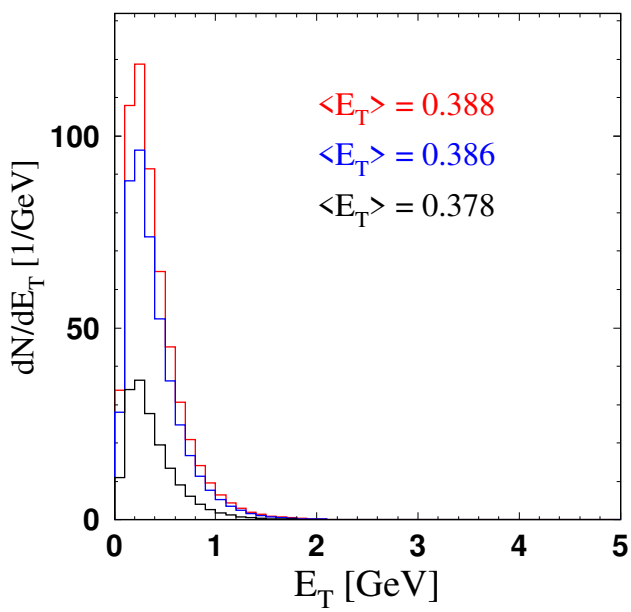


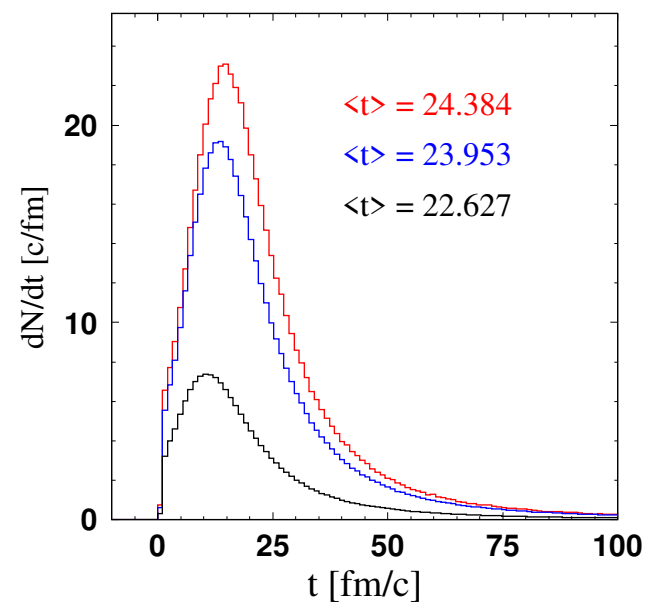
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	161.886±0.2387	128.15±0.1064	45.6663±0.0268
|y|<1.0	304.938±0.3276	242.219±0.1463	87.0504±0.0371
|y|<1.5	414.742±0.382	331.186±0.1711	120.4±0.0436
|y|<2.0	487.536±0.4142	391.297±0.1859	143.845±0.0476
4π	557.201±0.4428	451.587±0.1998	169.574±0.0517

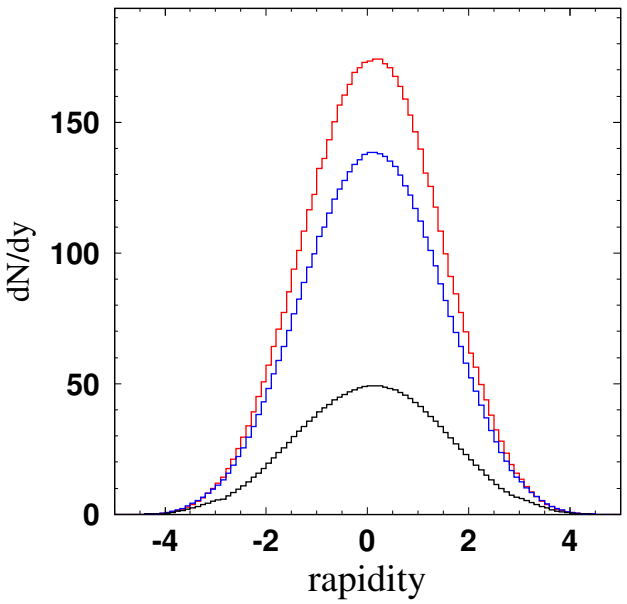






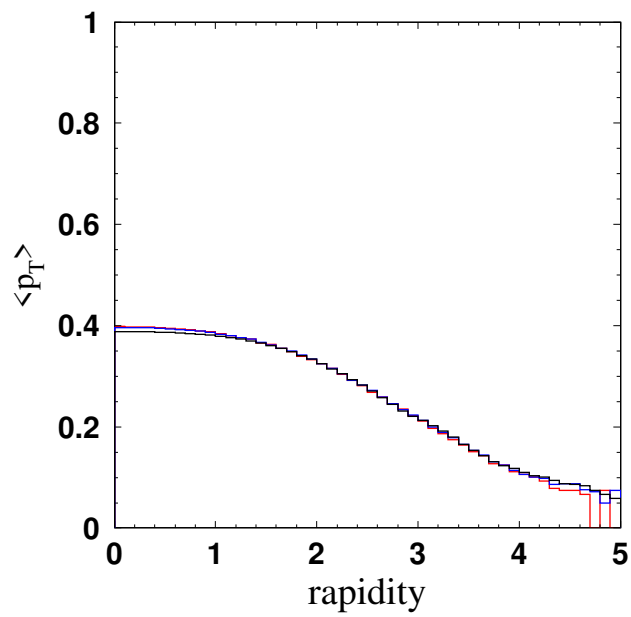


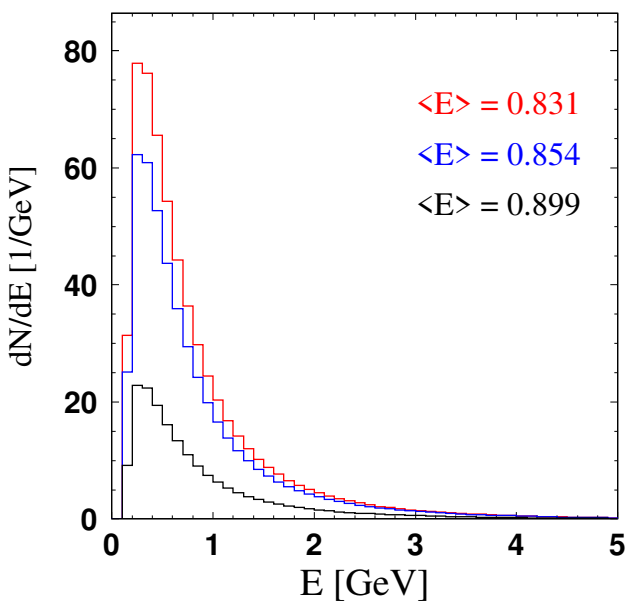
π^0

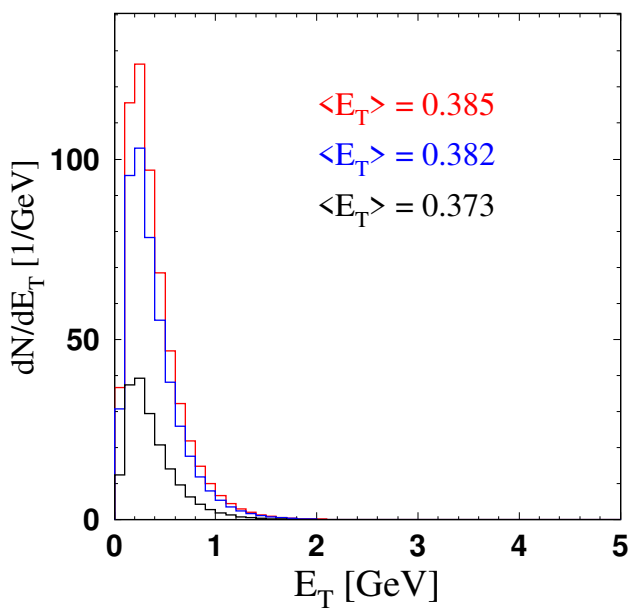


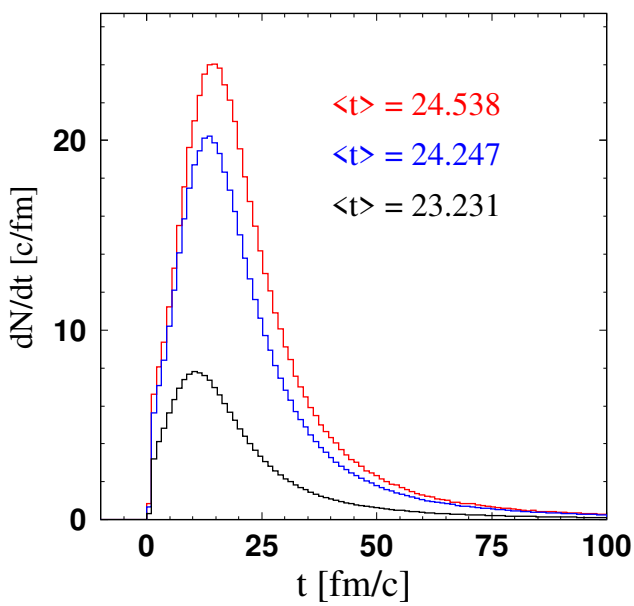
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	170.322±0.2448	135.284±0.1093	48.2431±0.0276
|y|<1.0	321.121±0.3361	255.69±0.1503	92.0416±0.0381
|y|<1.5	437.43±0.3923	350.119±0.1759	127.578±0.0449
|y|<2.0	515.096±0.4257	414.553±0.1914	152.879±0.0491
4π	590.621±0.4559	480.962±0.2062	182.063±0.0536

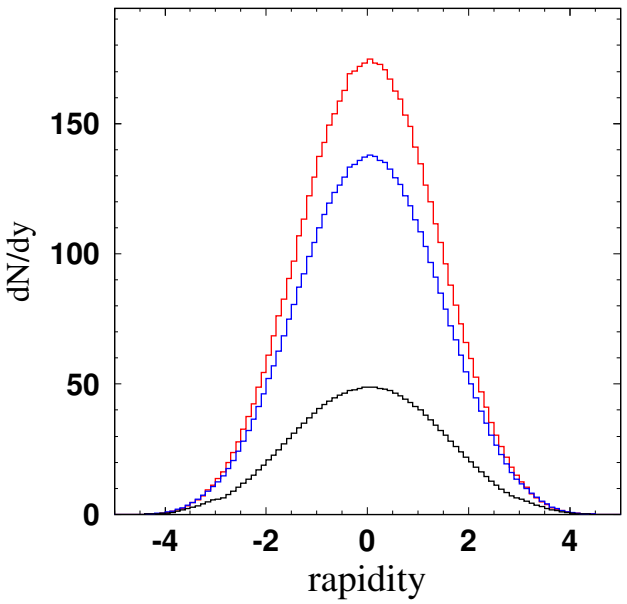






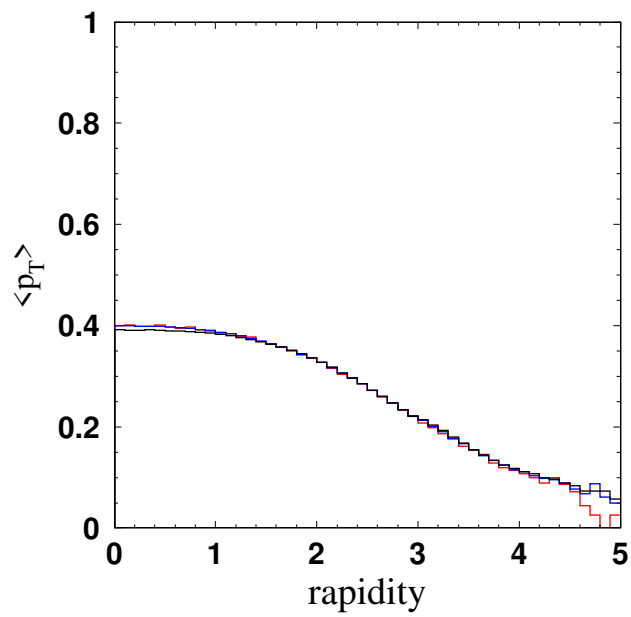


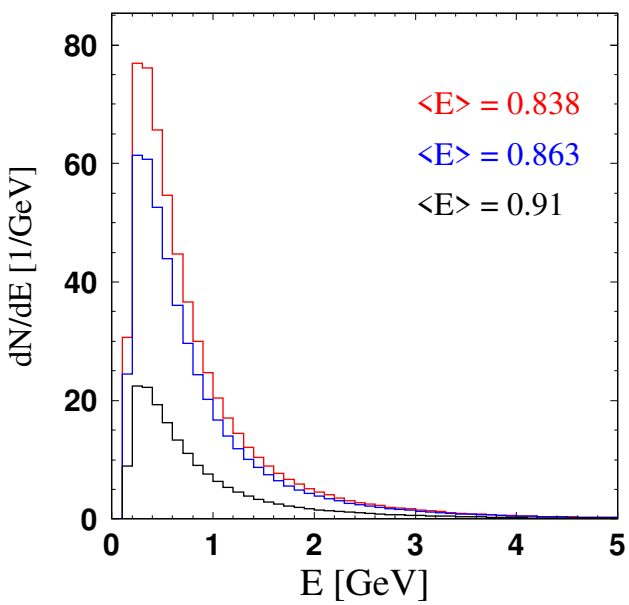
π^-

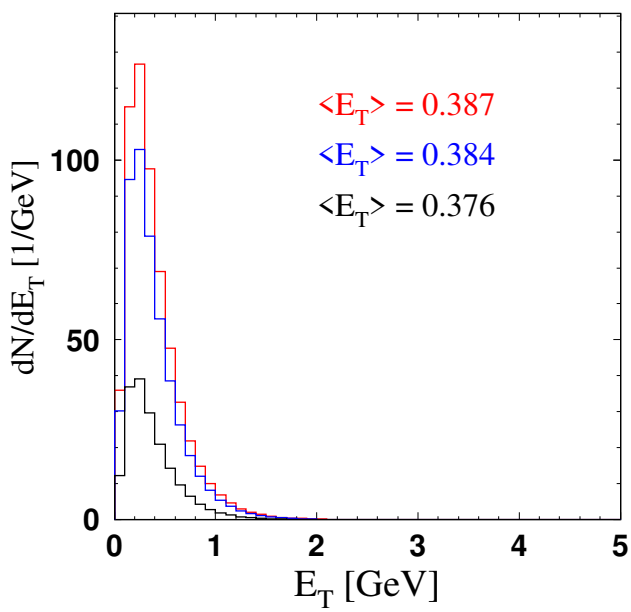


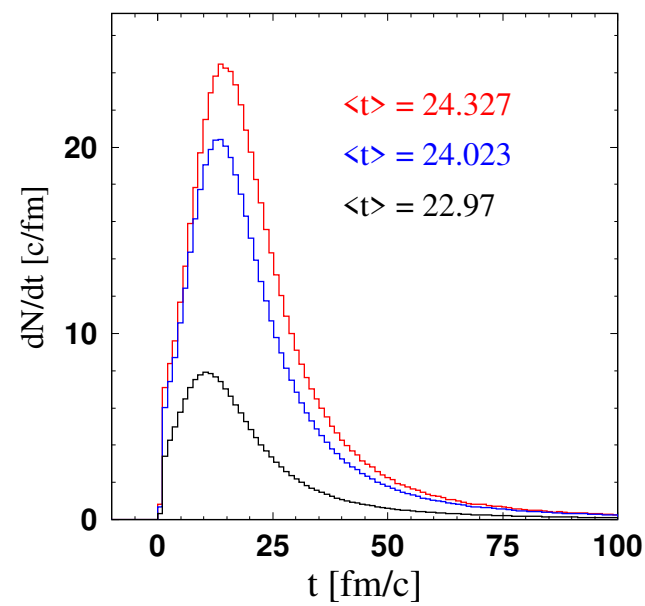
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	170.548±0.245	134.866±0.1092	48.0596±0.0275
|y|<1.0	321.23±0.3362	255.279±0.1502	91.7968±0.0381
|y|<1.5	437.817±0.3925	349.99±0.1759	127.399±0.0448
|y|<2.0	516.053±0.4261	414.908±0.1915	152.872±0.0491
4π	592.695±0.4567	482.413±0.2065	182.537±0.0537

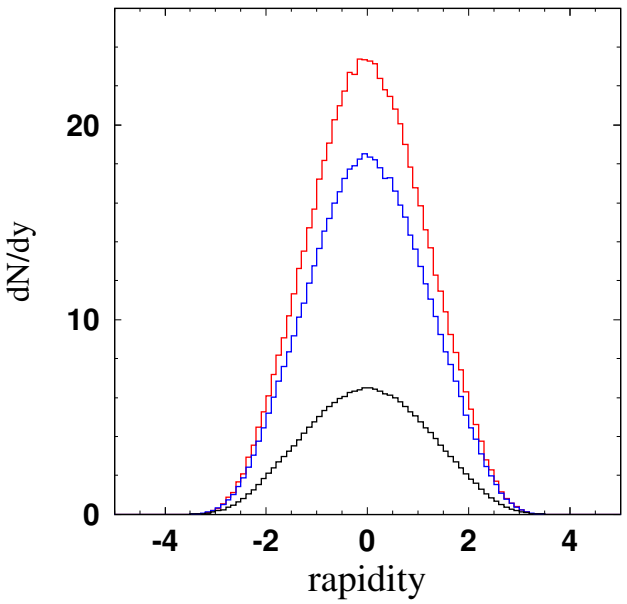






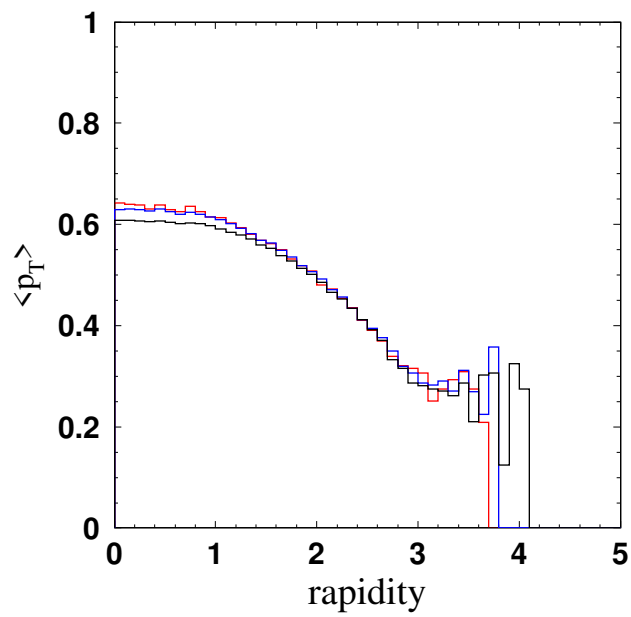


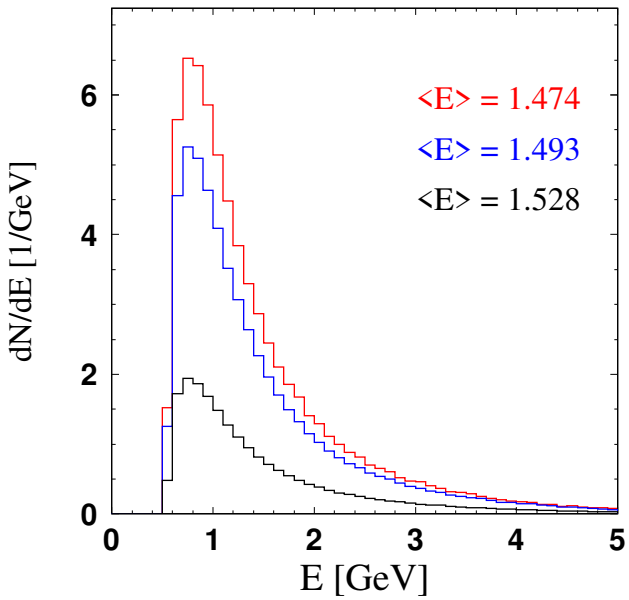
η

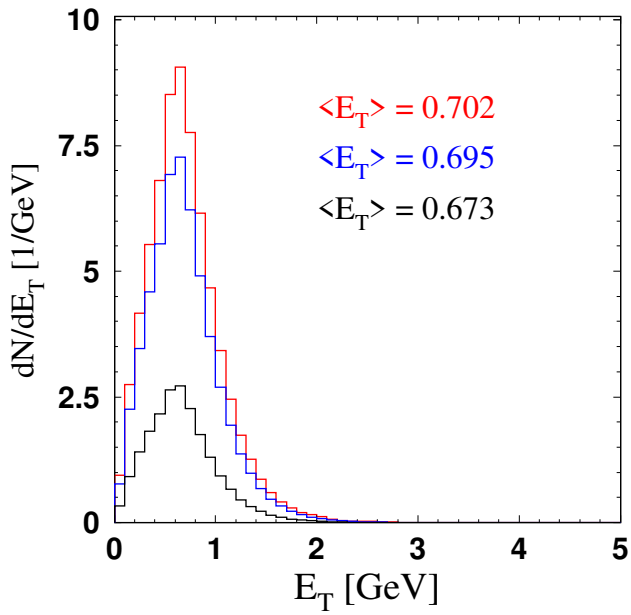


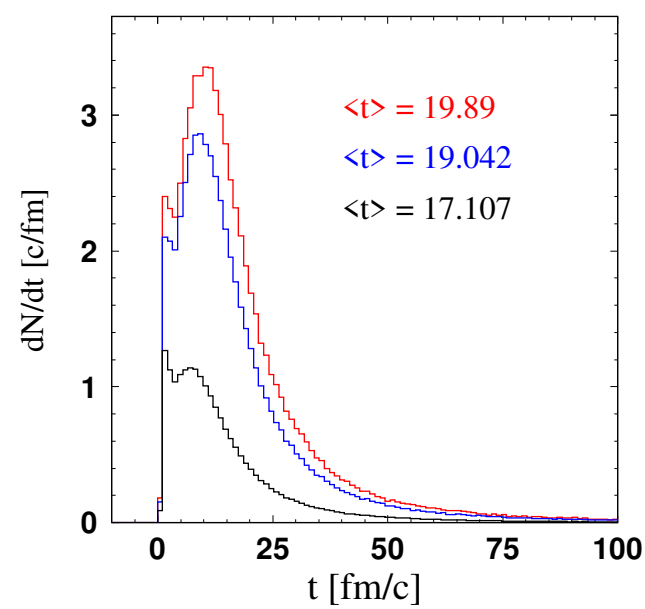
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	22.5932±0.0892	17.8568±0.0397	6.3141±0.01
|y|<1.0	41.6165±0.121	33.0198±0.054	11.839±0.0137
|y|<1.5	55.1988±0.1394	44.0057±0.0624	15.9974±0.0159
|y|<2.0	63.4374±0.1494	50.8105±0.067	18.6764±0.0172
4π	68.146±0.1548	54.8732±0.0696	20.4307±0.018

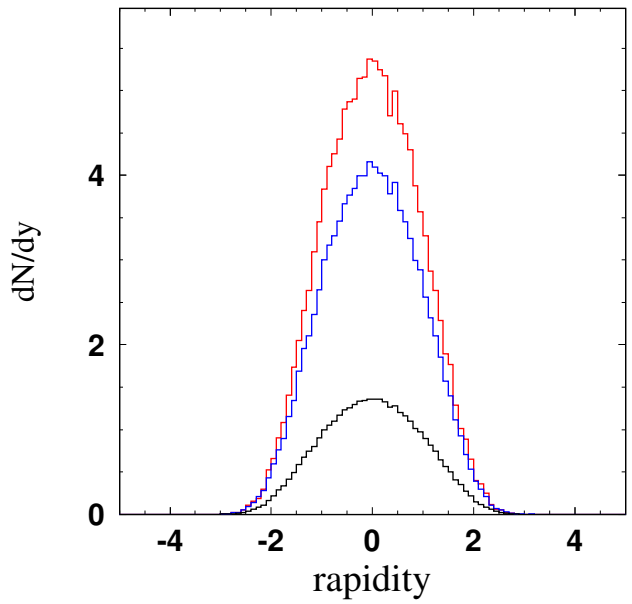






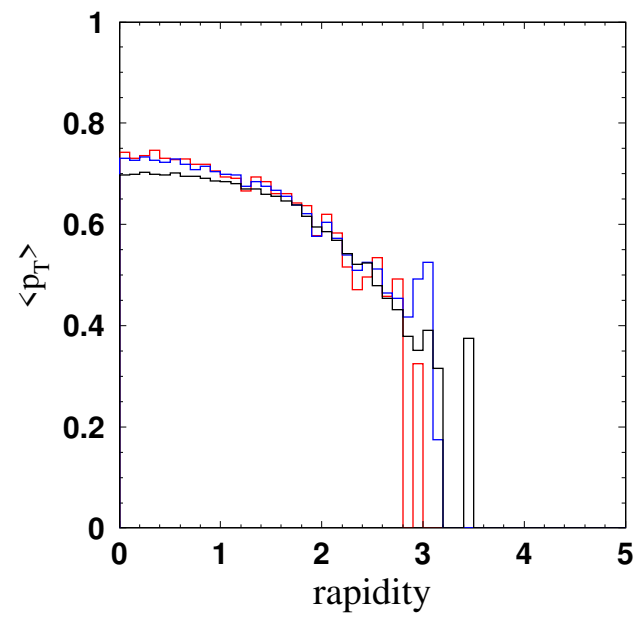


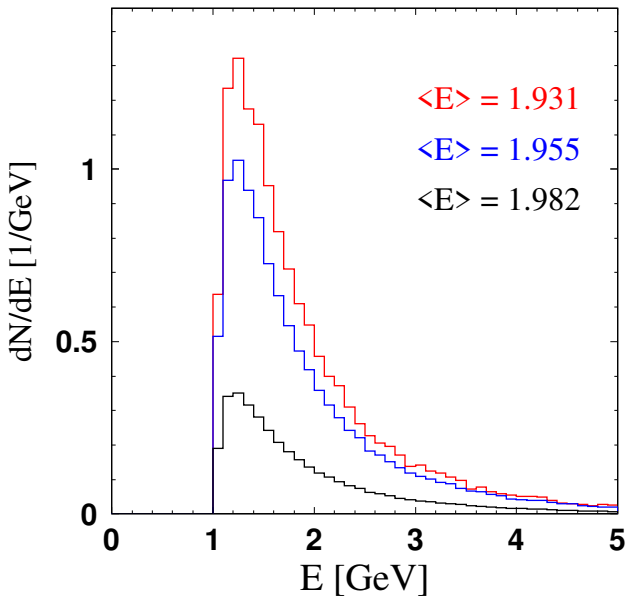
$\phi_{(1020)}$

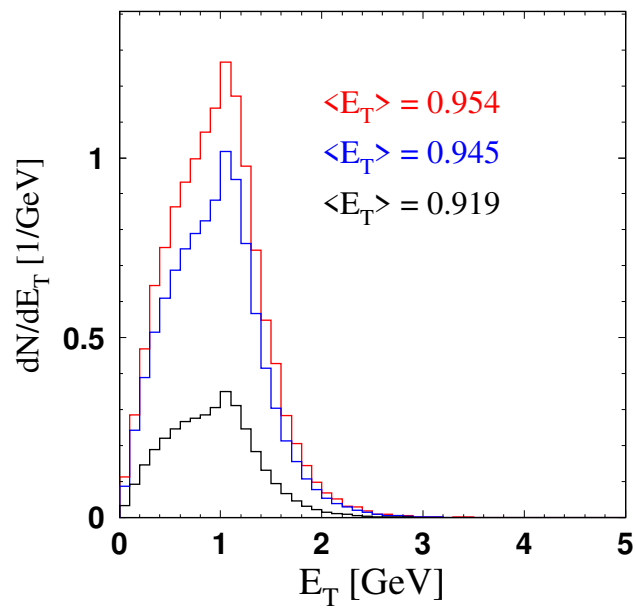


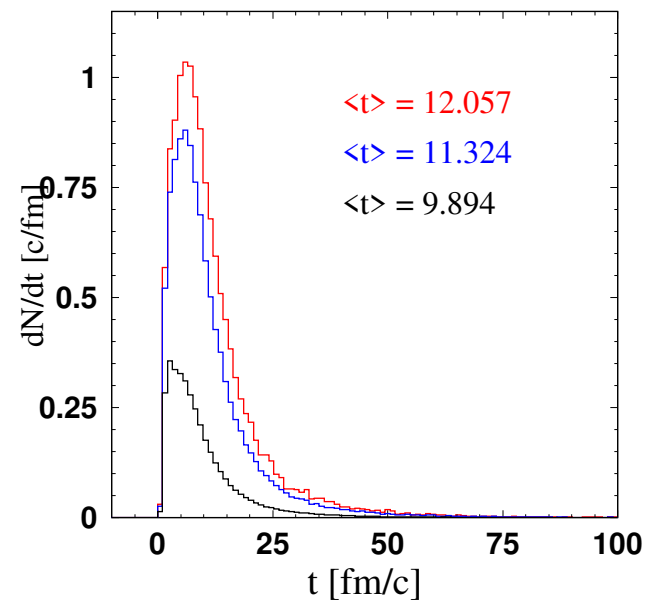
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	5.0897±0.0423	3.9569±0.0187	1.3175±0.0046
|y|<1.0	9.3139±0.0572	7.2323±0.0253	2.4171±0.0062
|y|<1.5	11.9764±0.0649	9.35±0.0287	3.1541±0.0071
|y|<2.0	13.1158±0.0679	10.2925±0.0302	3.5039±0.0074
4π	13.3797±0.0686	10.5345±0.0305	3.6044±0.0075

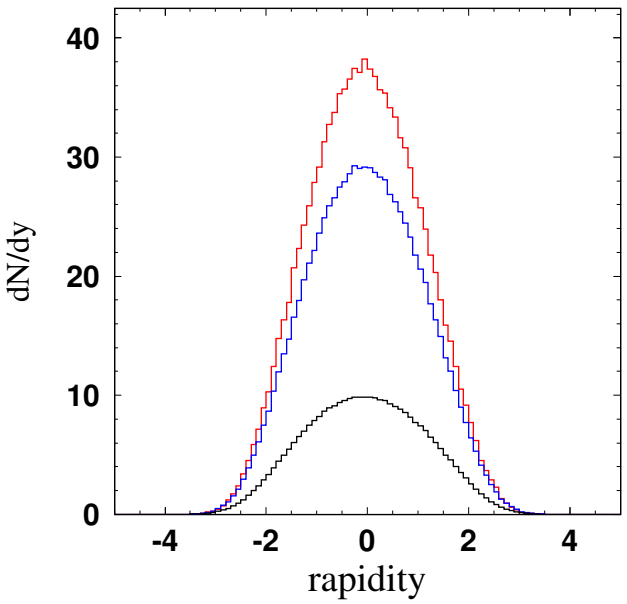






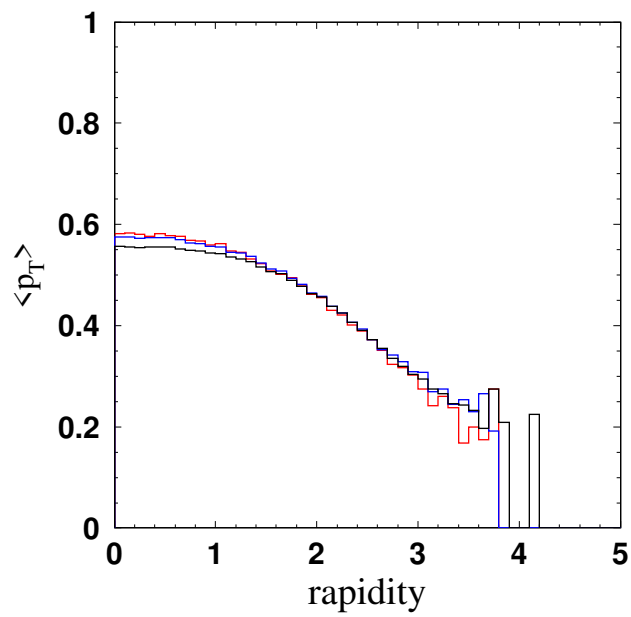


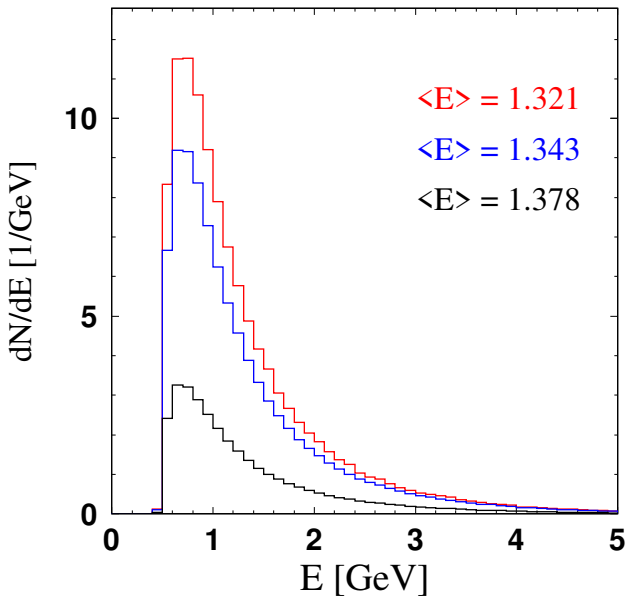
K^+

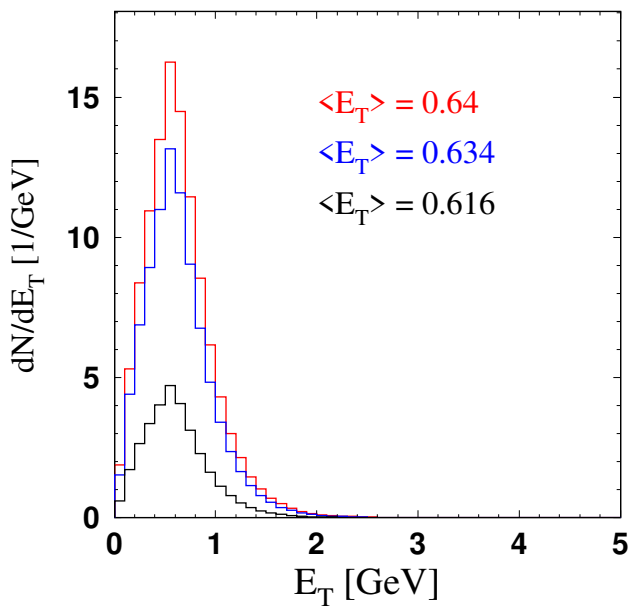


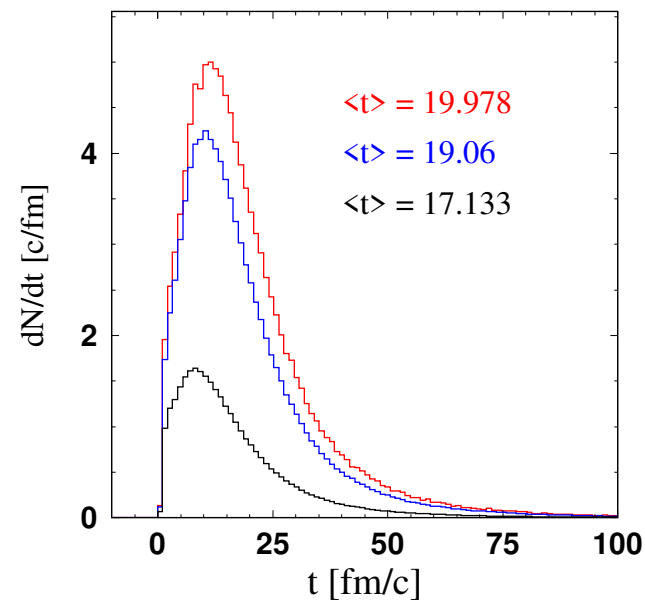
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	36.4412±0.1132	28.5119±0.0502	9.6879±0.0124
|y|<1.0	67.816±0.1545	53.479±0.0687	18.35±0.017
|y|<1.5	90.9043±0.1788	72.1351±0.0798	25.0874±0.0199
|y|<2.0	104.319±0.1916	83.2748±0.0858	29.3112±0.0215
4π	111.102±0.1977	89.204±0.0888	31.7858±0.0224

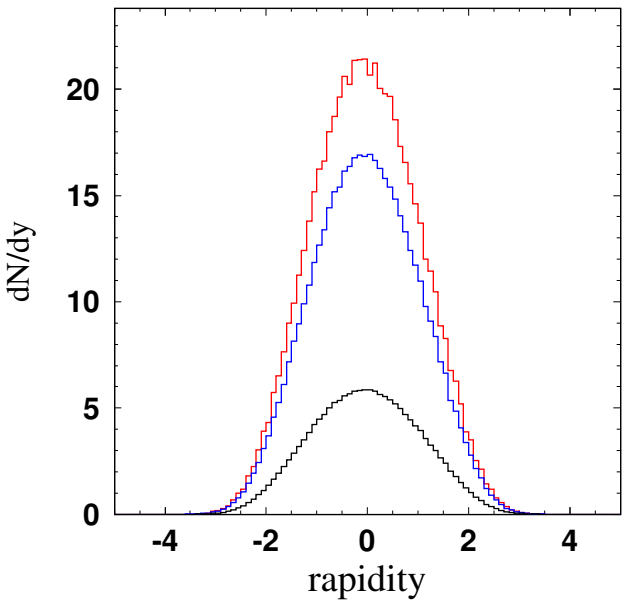






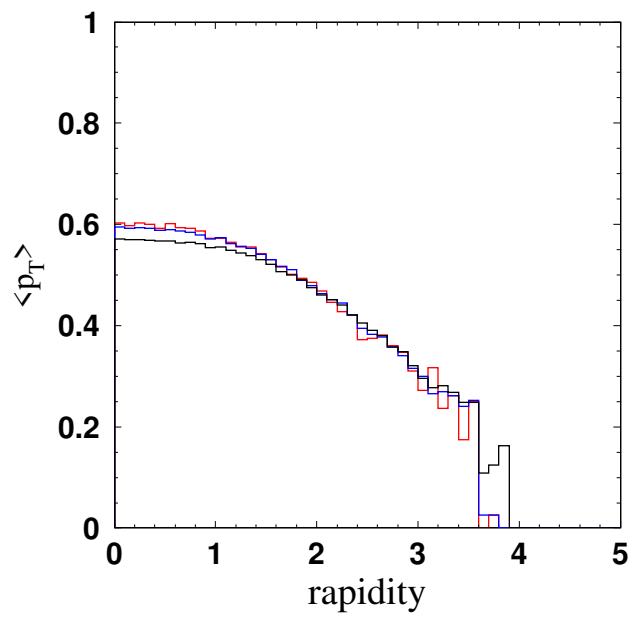


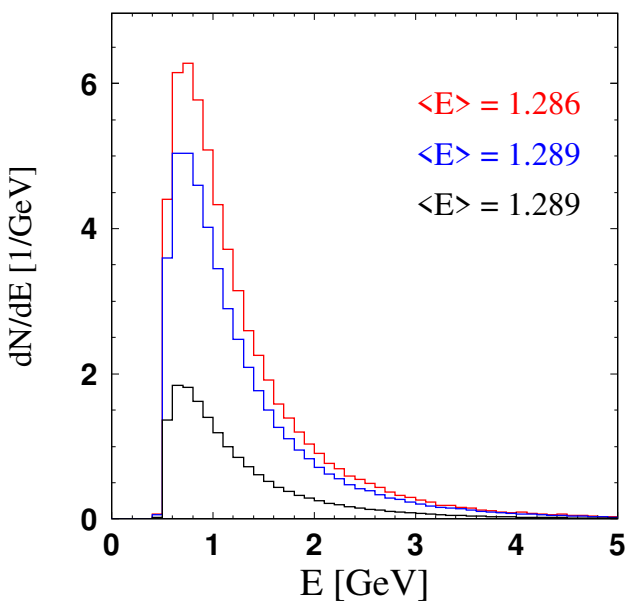
K^-

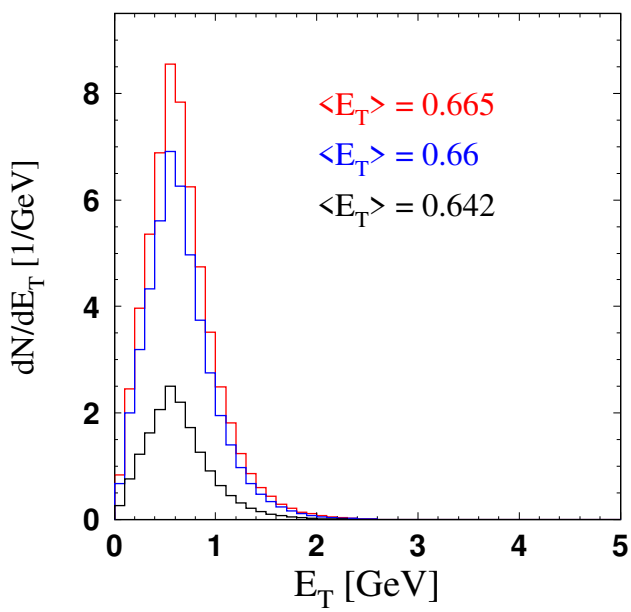


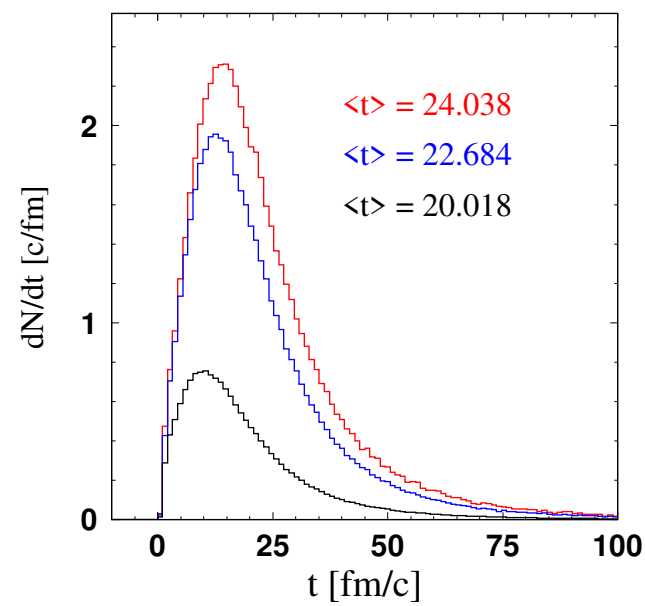
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	20.6358±0.0852	16.4102±0.0381	5.6955±0.0095
|y|<1.0	37.8135±0.1153	30.1409±0.0516	10.5217±0.0129
|y|<1.5	49.7171±0.1323	39.6428±0.0592	13.927±0.0148
|y|<2.0	56.0732±0.1405	44.7475±0.0629	15.7927±0.0158
4π	58.8723±0.1439	47.0549±0.0645	16.6733±0.0162

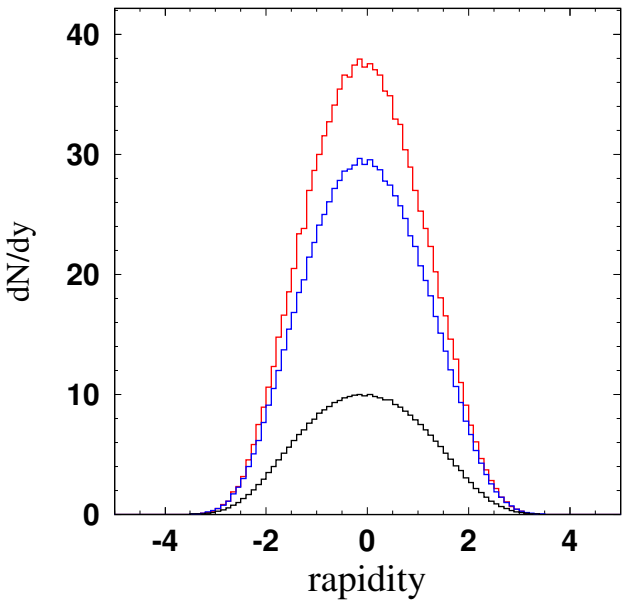






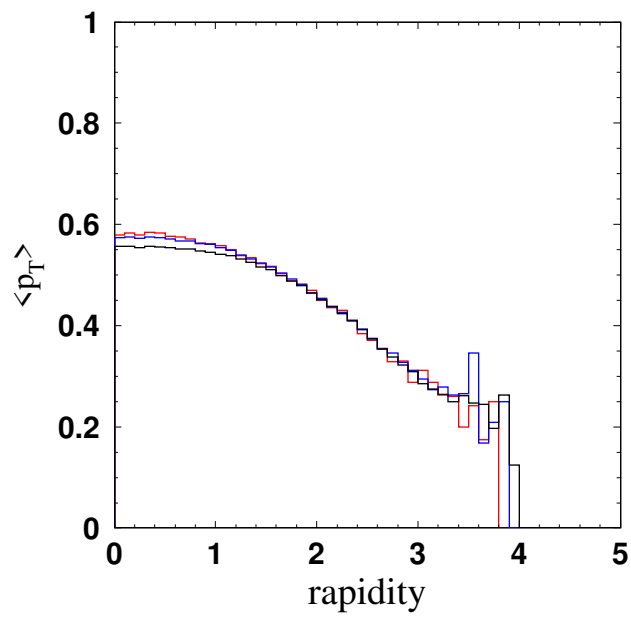


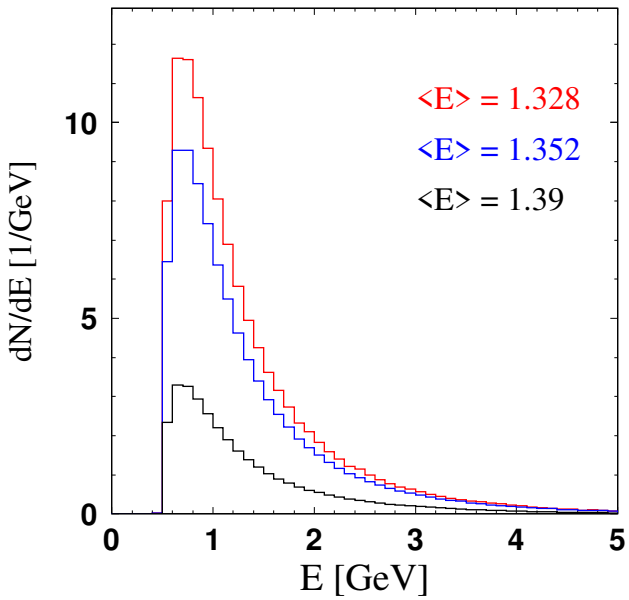
K^0

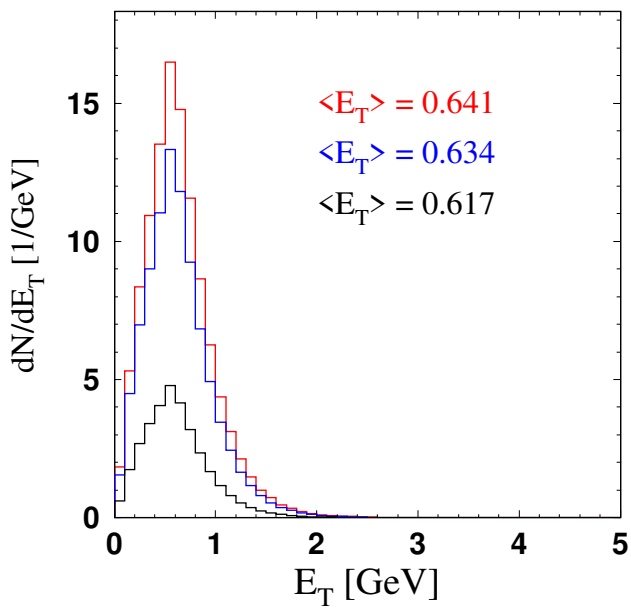


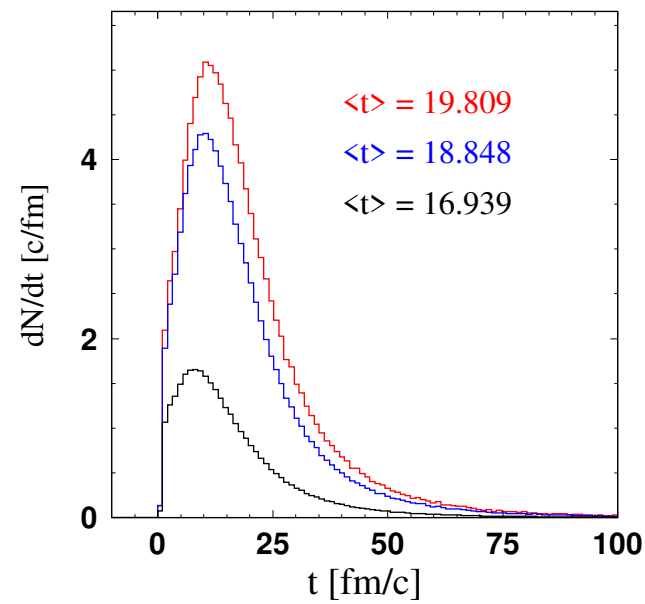
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	36.7101±0.1137	28.7771±0.0504	9.7944±0.0124
|y|<1.0	68.2674±0.155	54.0403±0.0691	18.5804±0.0171
|y|<1.5	91.5686±0.1795	72.9466±0.0803	25.4105±0.02
|y|<2.0	105.27±0.1925	84.361±0.0863	29.728±0.0217
4π	112.058±0.1986	90.4499±0.0894	32.2989±0.0226

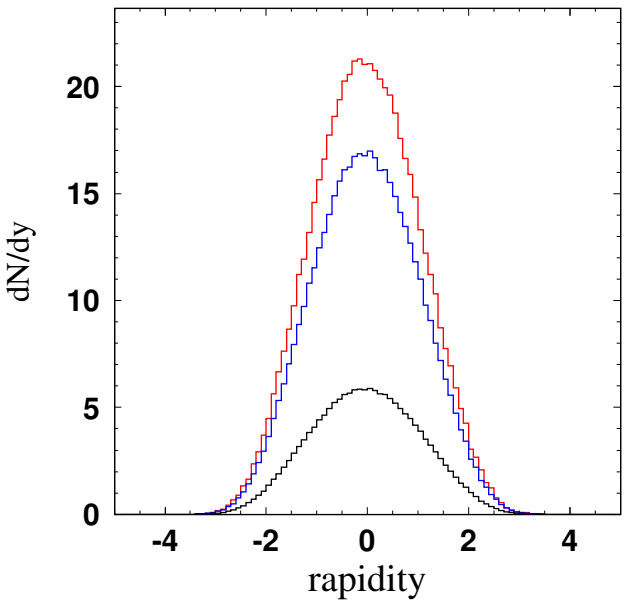






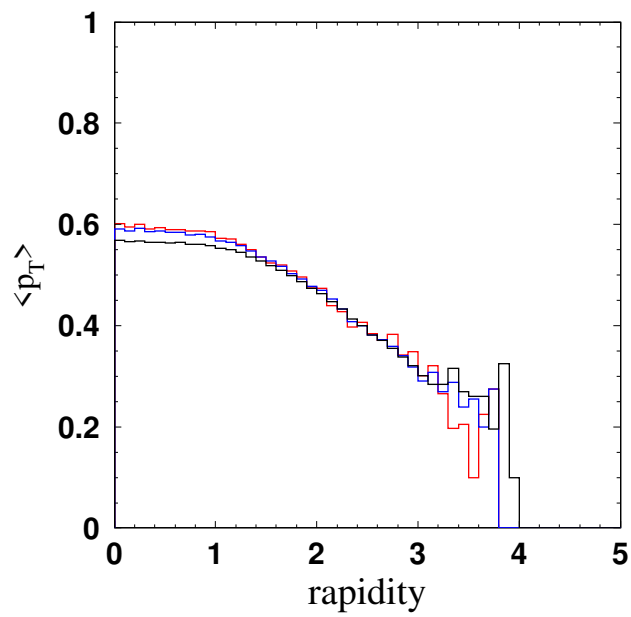


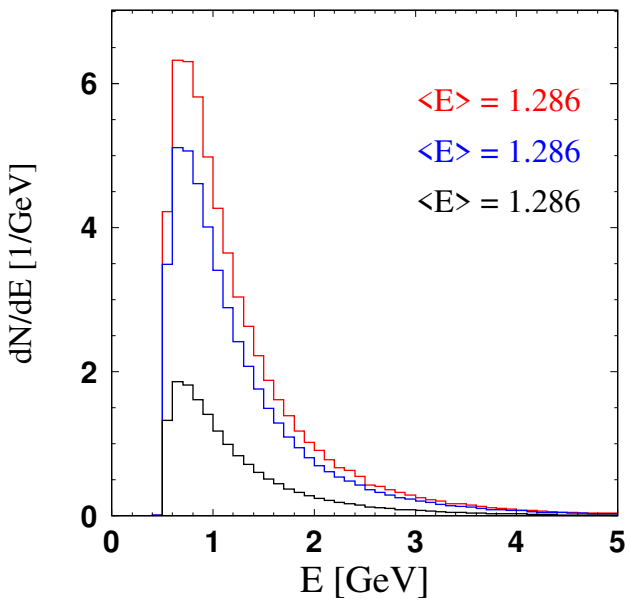
$\bar{K}^0$

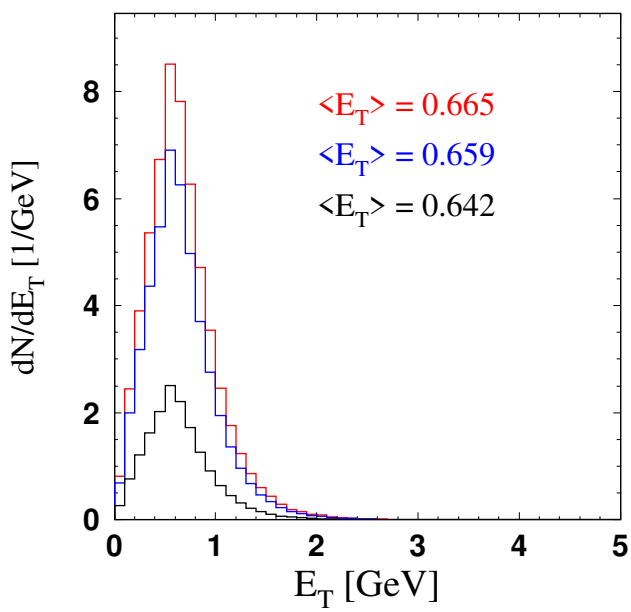


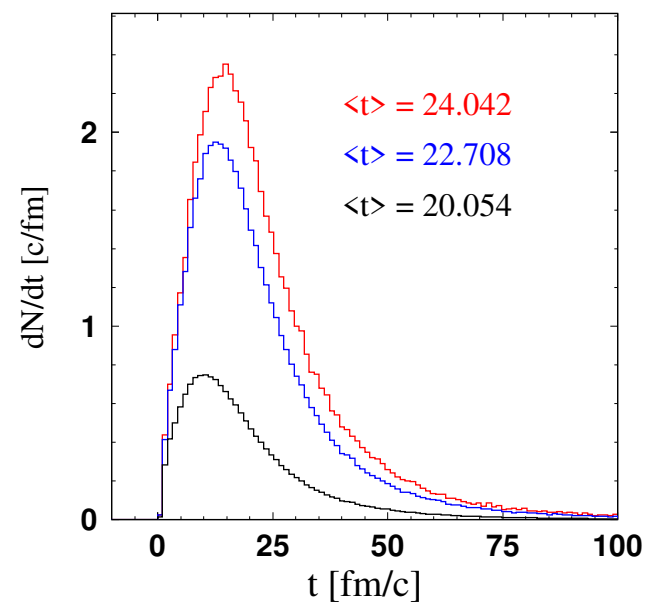
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	20.602±0.0851	16.4031±0.0381	5.7066±0.0095
|y|<1.0	37.7695±0.1153	30.1105±0.0516	10.5224±0.0129
|y|<1.5	49.4138±0.1319	39.5036±0.0591	13.8839±0.0148
|y|<2.0	55.7023±0.14	44.5614±0.0628	15.7271±0.0158
4π	58.4258±0.1434	46.8034±0.0643	16.5853±0.0162

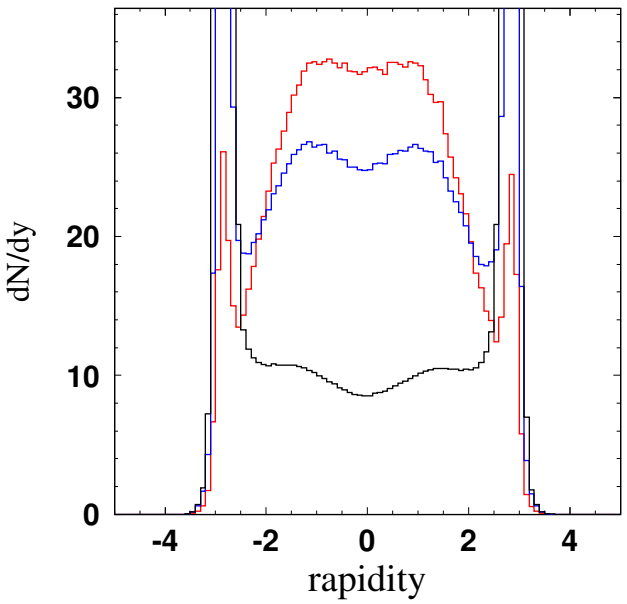






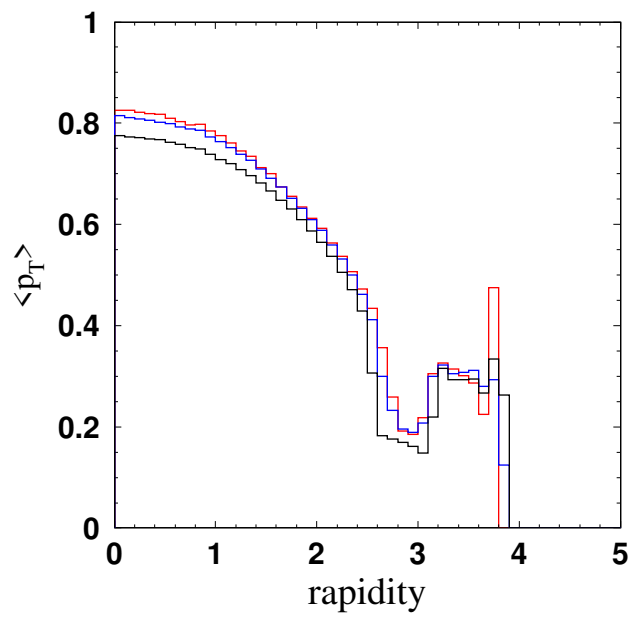


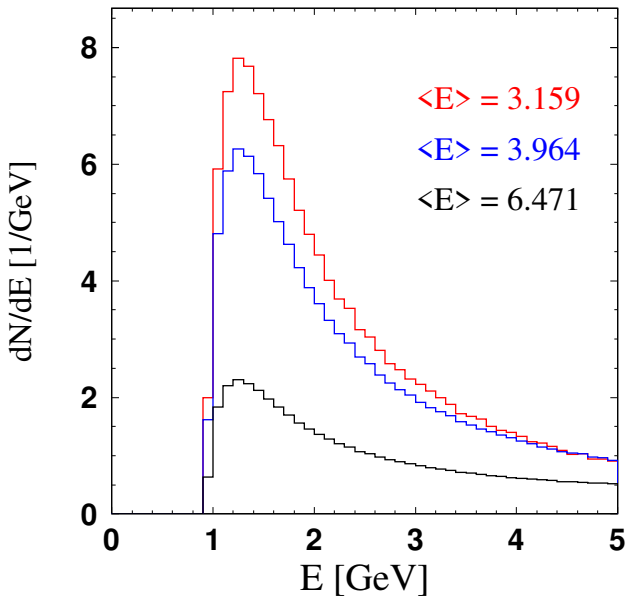
p

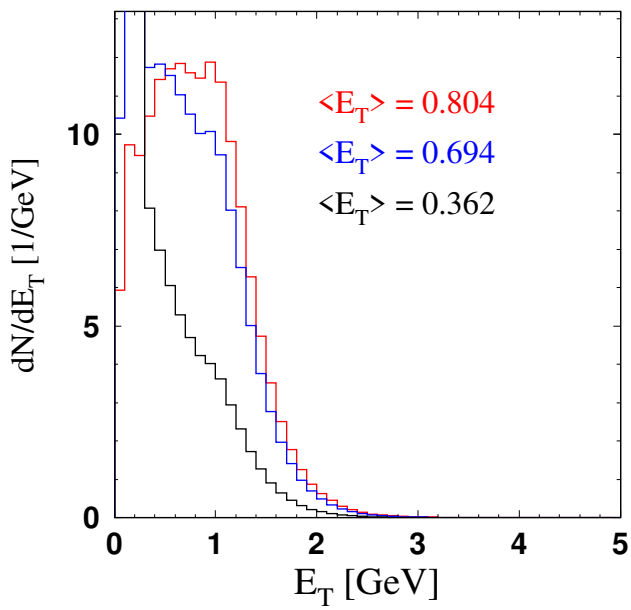


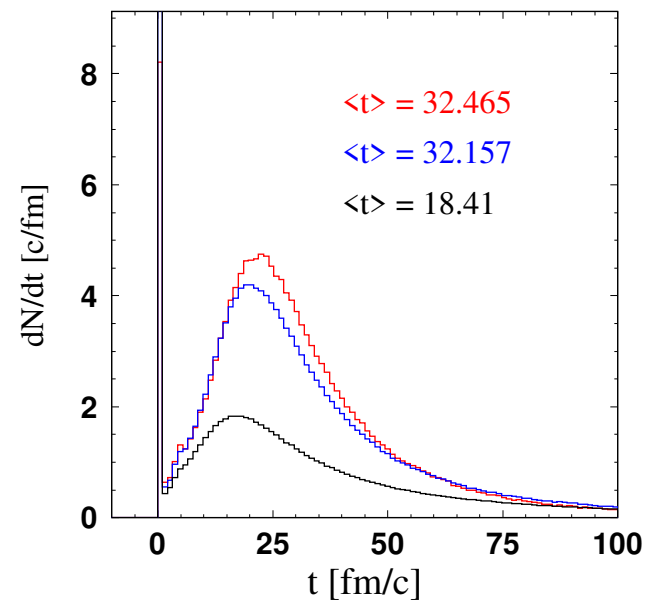
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	32.0264±0.1062	25.1401±0.0471	8.743±0.0117
|y|<1.0	64.4792±0.1506	51.3559±0.0674	18.3237±0.017
|y|<1.5	95.5823±0.1834	77.4853±0.0827	28.7618±0.0213
|y|<2.0	120.917±0.2063	100.568±0.0943	39.3464±0.0249
4π	157.774±0.2356	161.245±0.1194	165.266±0.0511

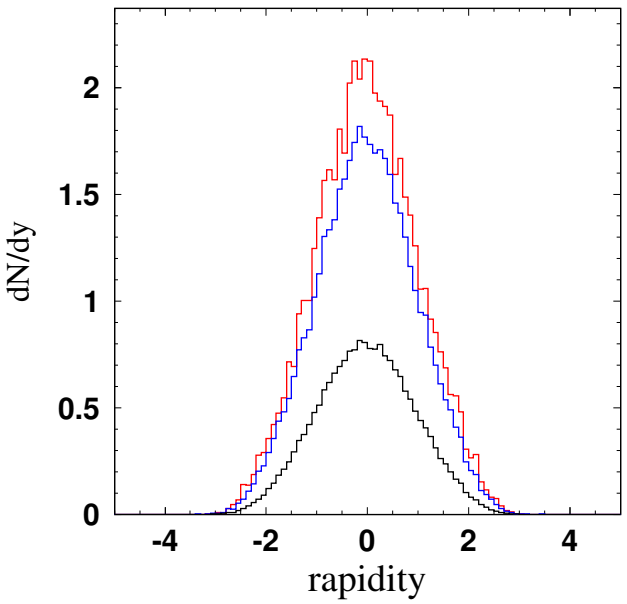






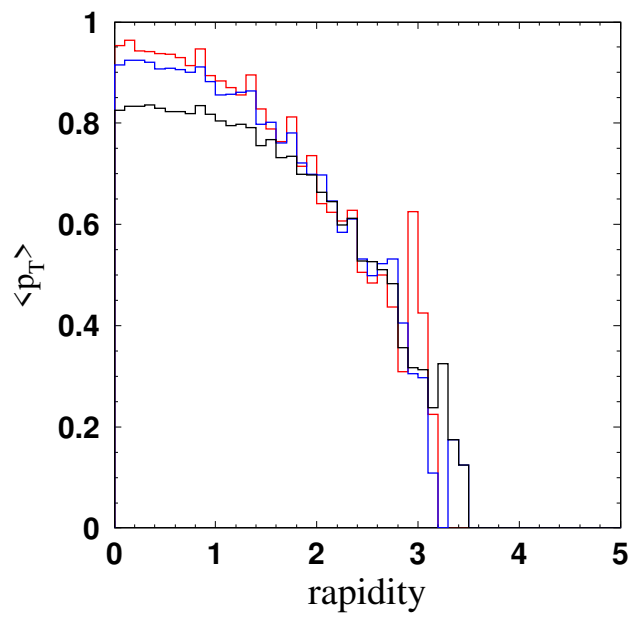


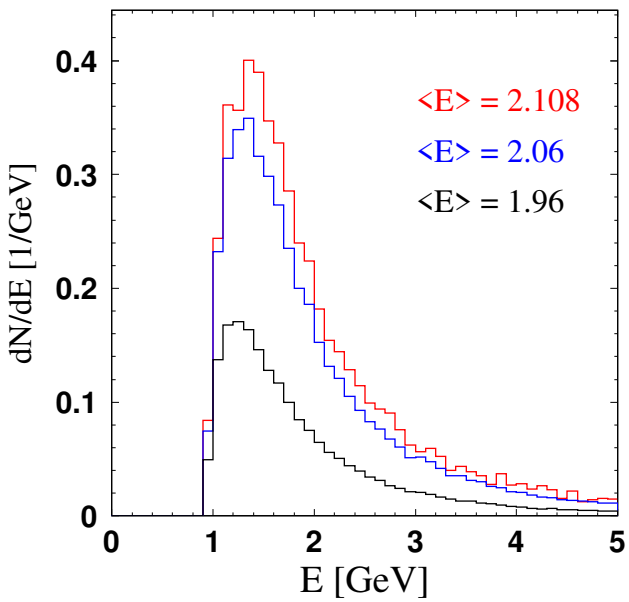
$\bar{p}$

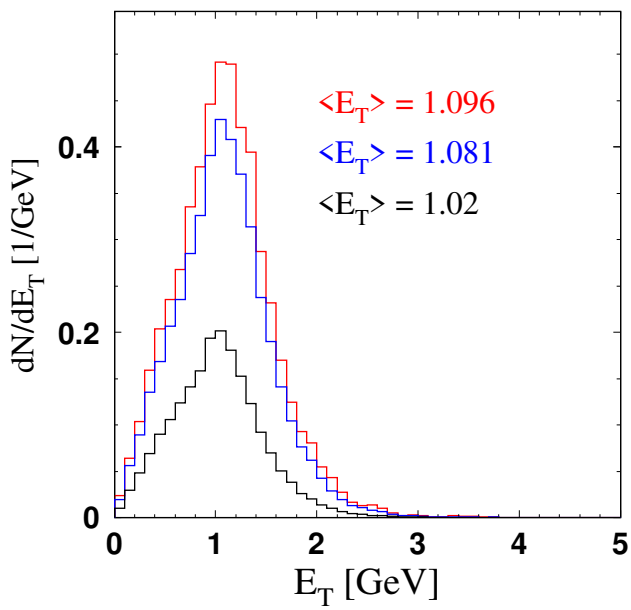


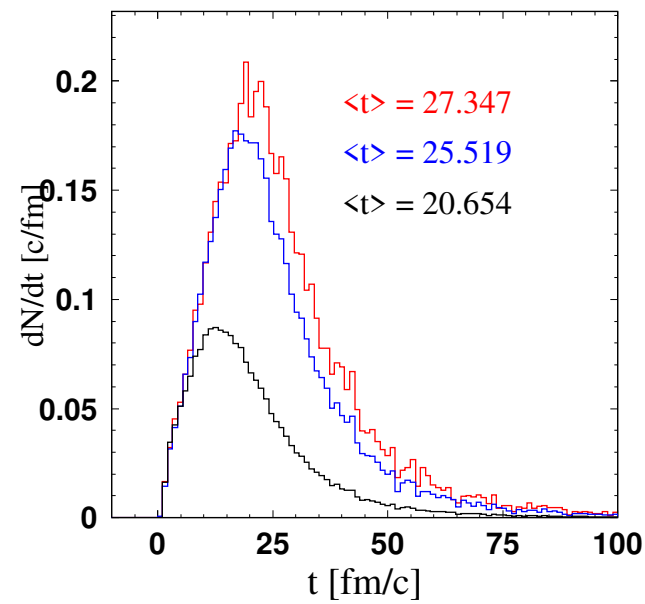
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	1.9842±0.0264	1.6967±0.0122	0.7697±0.0035
|y|<1.0	3.5201±0.0352	3.0019±0.0163	1.369±0.0046
|y|<1.5	4.4729±0.0397	3.8128±0.0184	1.7389±0.0052
|y|<2.0	4.9835±0.0419	4.2278±0.0193	1.9146±0.0055
4π	5.2055±0.0428	4.3931±0.0197	1.9763±0.0056

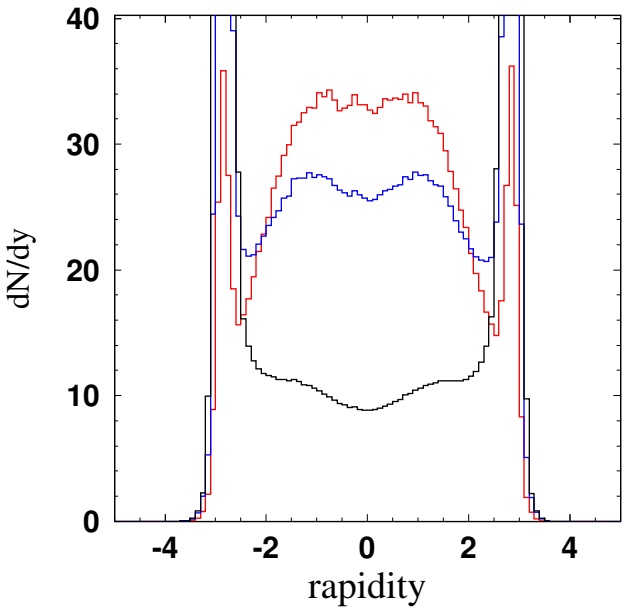






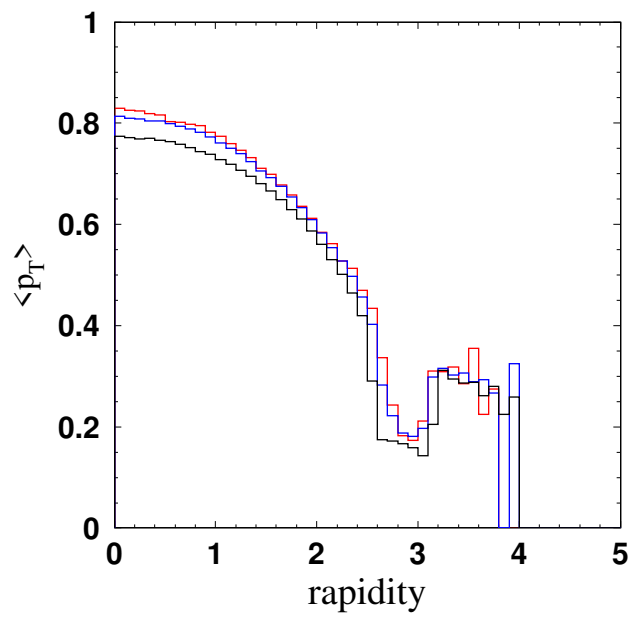


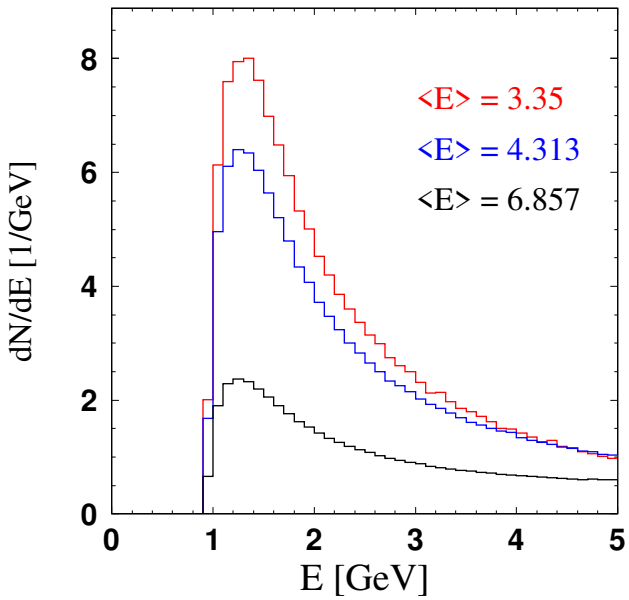
n

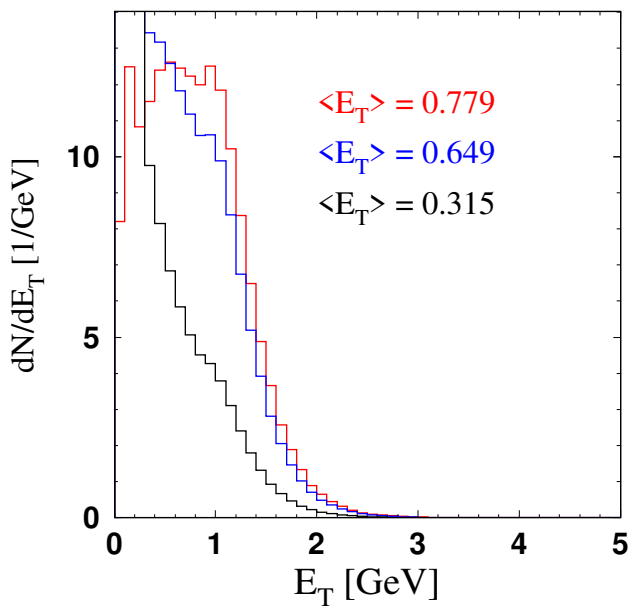


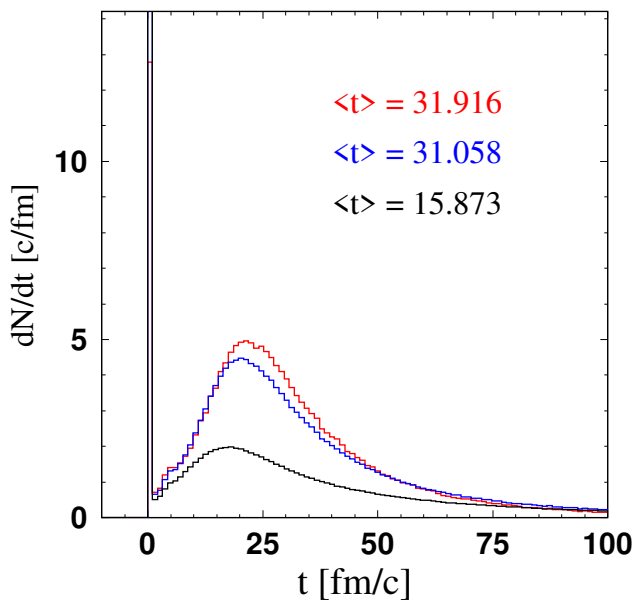
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	33.1267±0.108	25.9767±0.0479	9.0453±0.0119
|y|<1.0	66.8216±0.1533	53.0825±0.0685	18.9655±0.0173
|y|<1.5	99.0253±0.1867	80.3307±0.0843	29.8746±0.0217
|y|<2.0	125.937±0.2105	104.756±0.0962	41.1619±0.0255
4π	171.542±0.2457	184.703±0.1278	226.127±0.0597

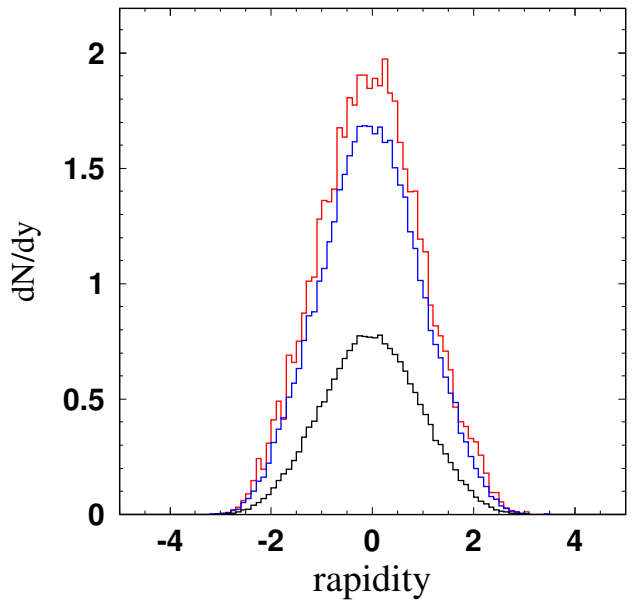






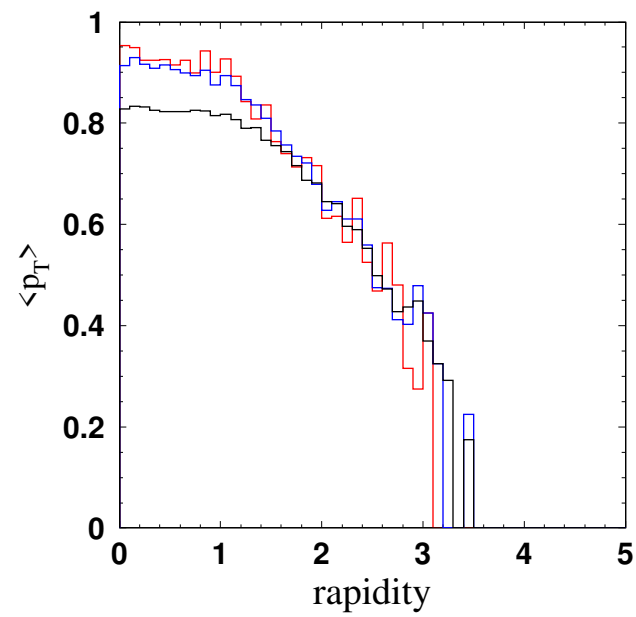


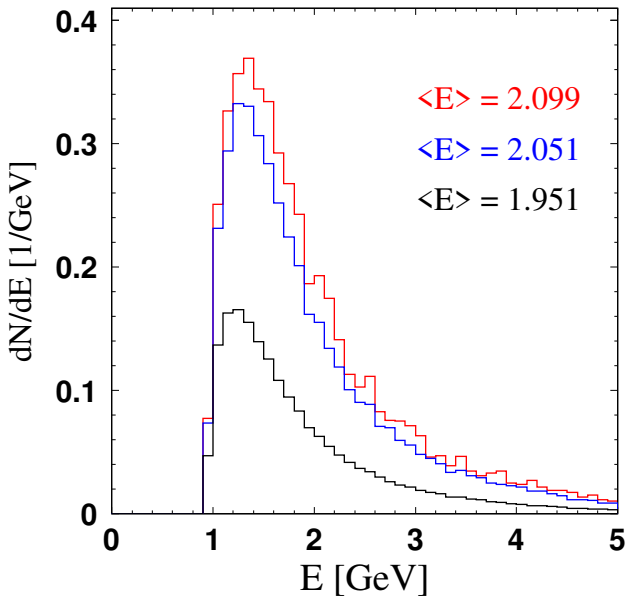
$\bar{n}$

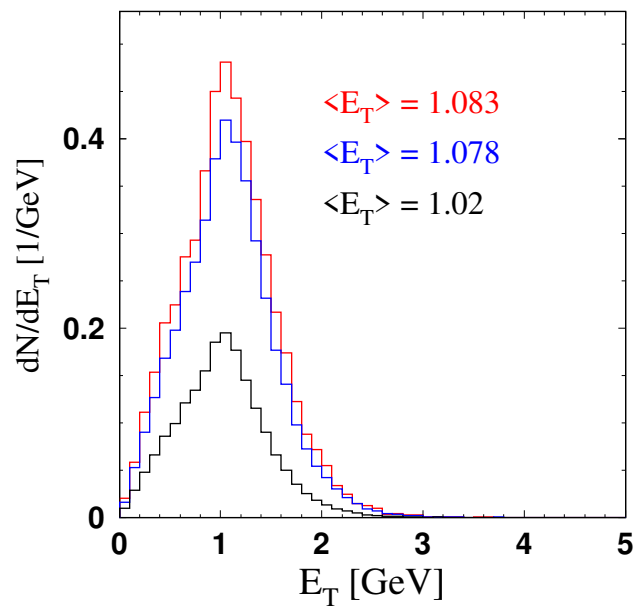


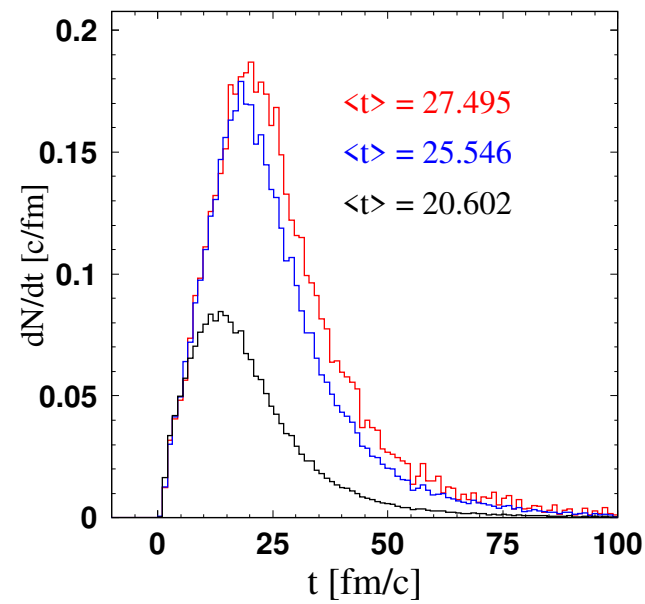
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	1.8571±0.0256	1.6276±0.012	0.7455±0.0034
|y|<1.0	3.3107±0.0341	2.8862±0.016	1.3224±0.0046
|y|<1.5	4.2389±0.0386	3.674±0.018	1.6787±0.0051
|y|<2.0	4.7245±0.0408	4.0845±0.019	1.8451±0.0054
4π	4.9409±0.0417	4.2365±0.0193	1.9026±0.0055

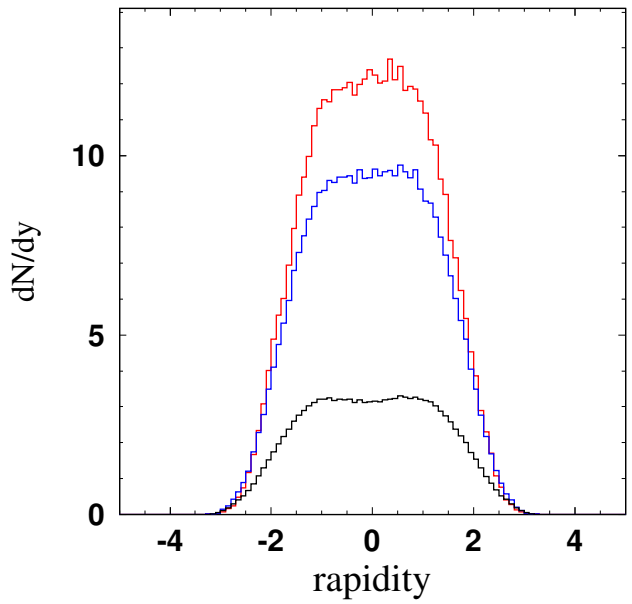






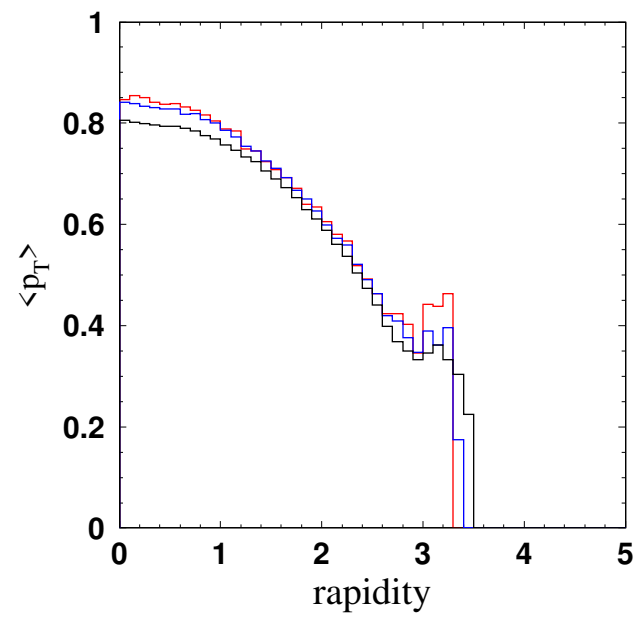


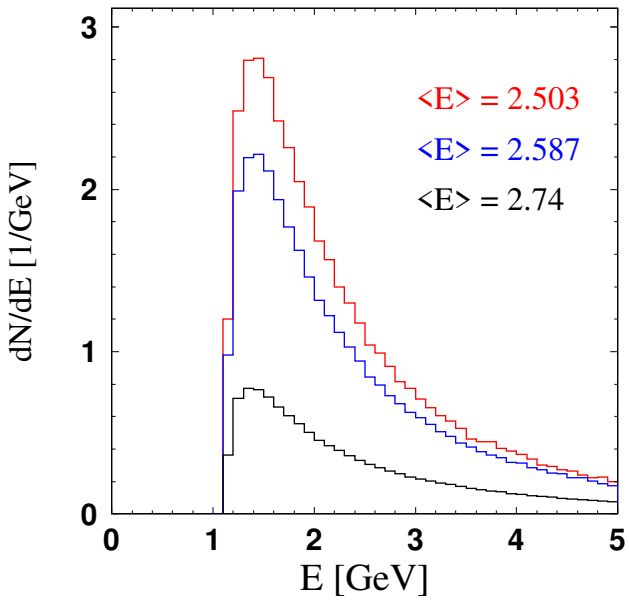
Λ

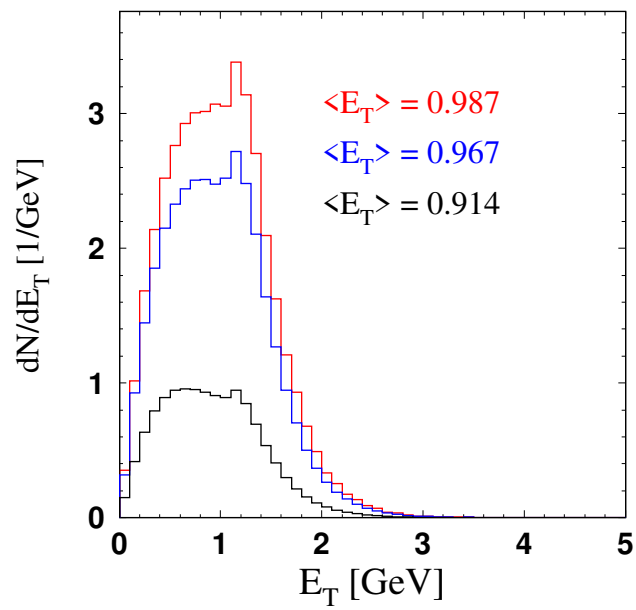


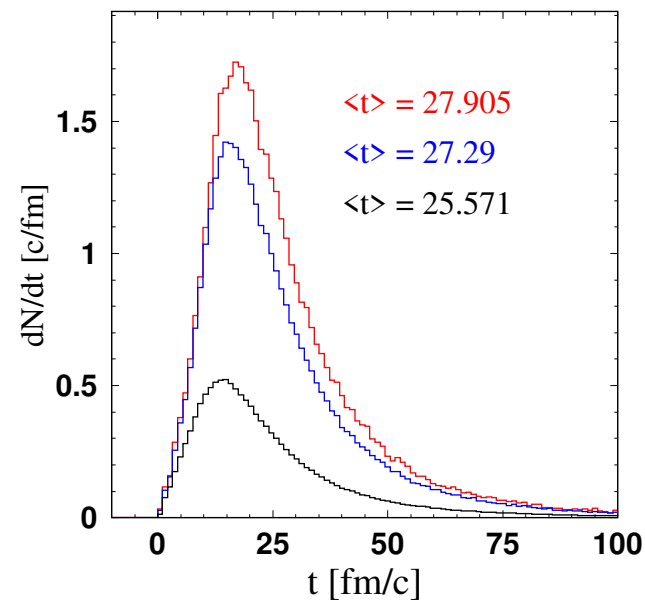
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	12.14±0.0654	9.4626±0.0289	3.1668±0.0071
|y|<1.0	23.9613±0.0918	18.8366±0.0408	6.399±0.01
|y|<1.5	34.0218±0.1094	26.9865±0.0488	9.3949±0.0122
|y|<2.0	40.2583±0.119	32.3794±0.0535	11.5666±0.0135
4π	43.0025±0.123	35.1254±0.0557	12.9628±0.0143

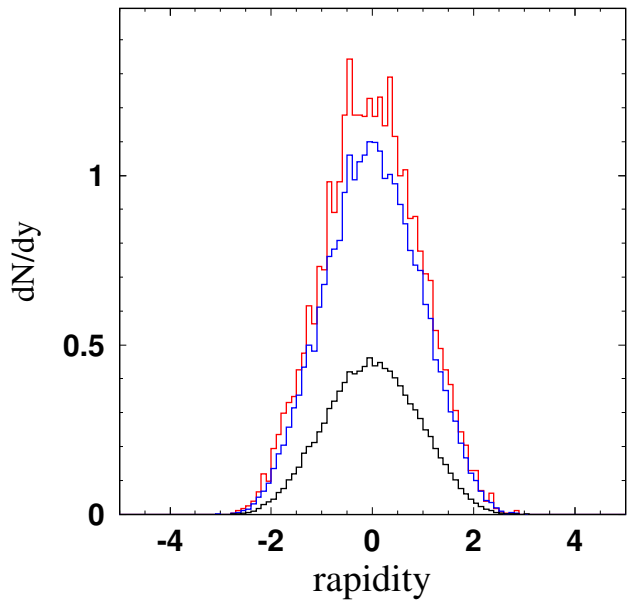






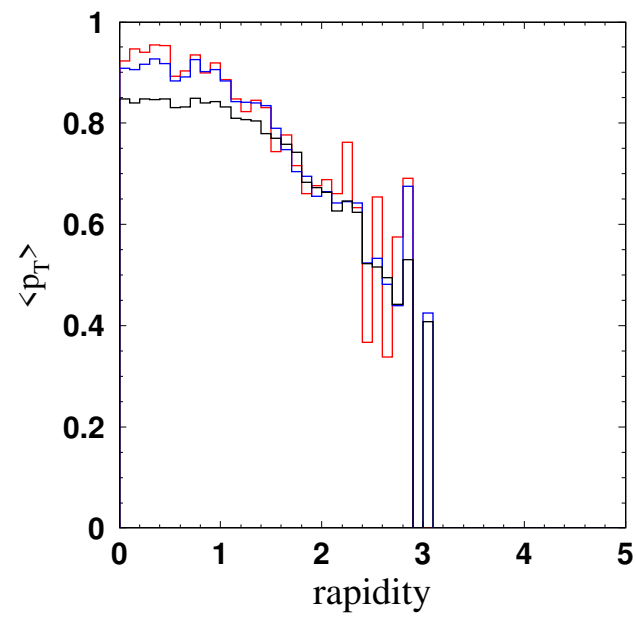


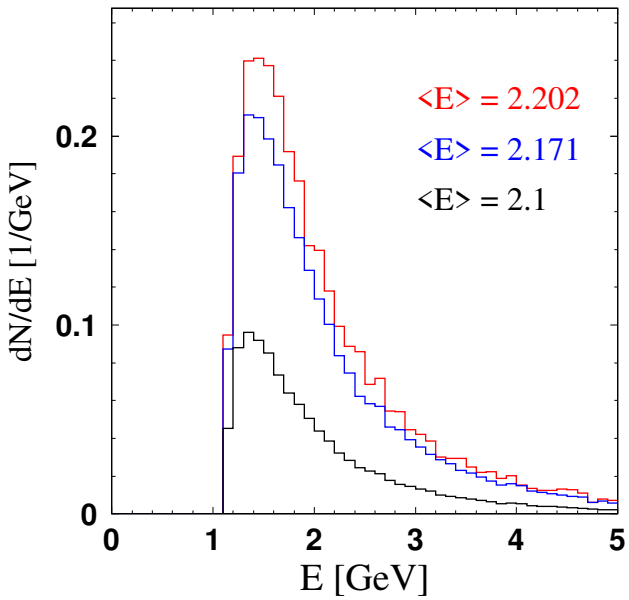
$\bar{\Lambda}$

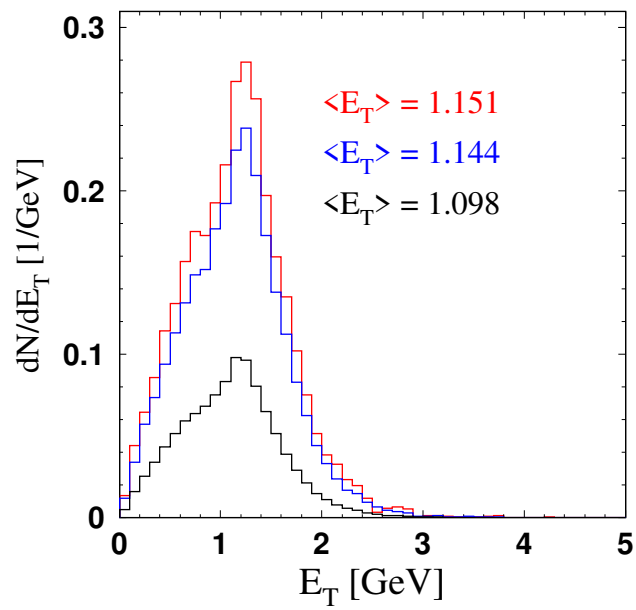


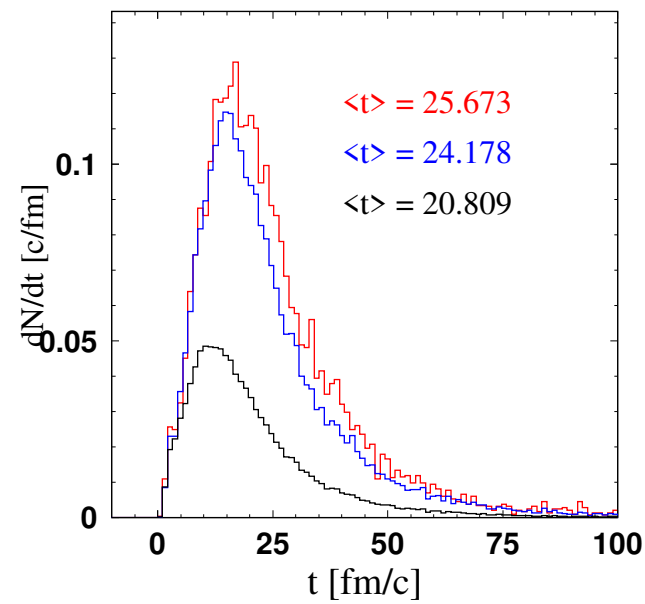
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	1.2065±0.0206	1.0387±0.0096	0.4297±0.0026
|y|<1.0	2.1365±0.0274	1.8373±0.0127	0.7617±0.0035
|y|<1.5	2.7034±0.0308	2.319±0.0143	0.9579±0.0039
|y|<2.0	2.9708±0.0323	2.5355±0.015	1.0394±0.004
4π	3.0433±0.0327	2.5916±0.0151	1.0595±0.0041

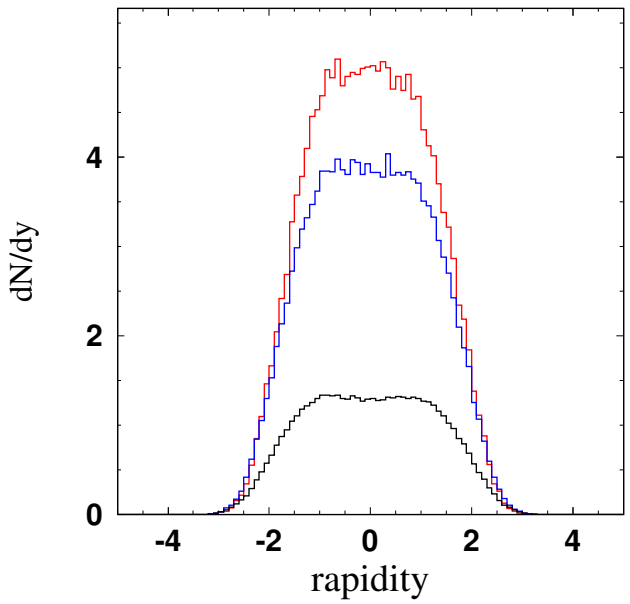






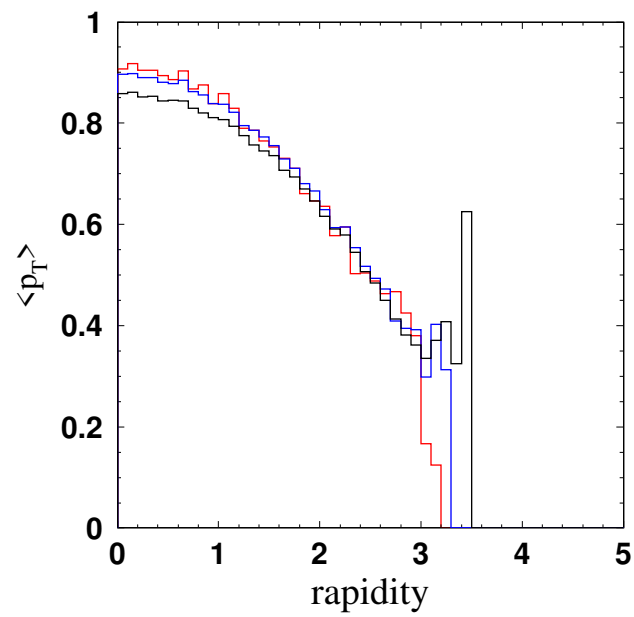


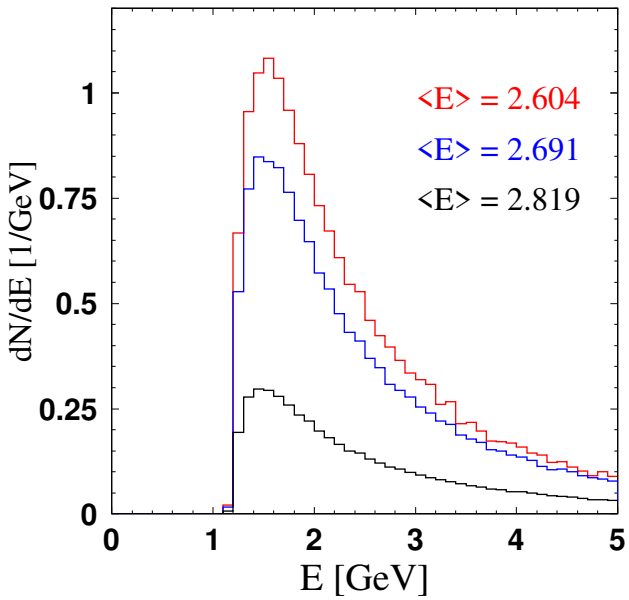
Σ^+

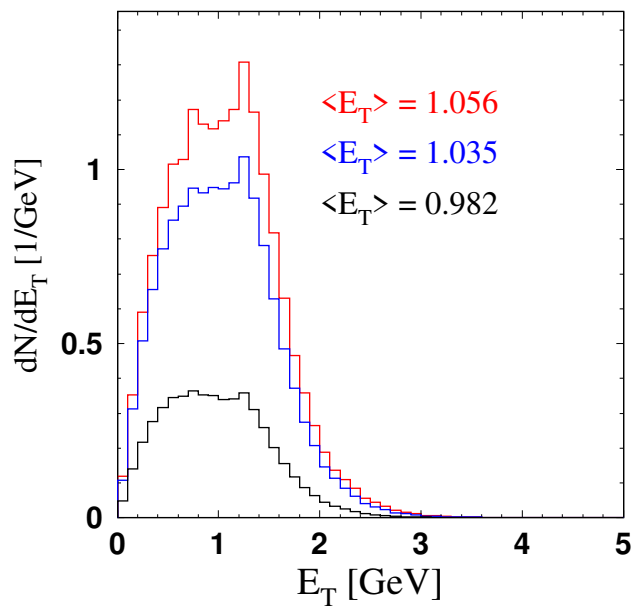


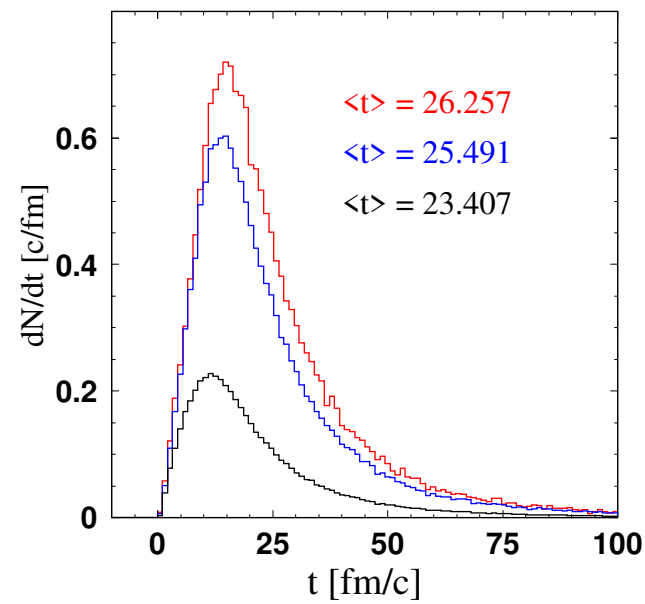
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	4.9592±0.0418	3.8706±0.0185	1.2948±0.0045
|y|<1.0	9.7942±0.0587	7.698±0.0261	2.6106±0.0064
|y|<1.5	13.7899±0.0697	10.9807±0.0311	3.8156±0.0078
|y|<2.0	16.2438±0.0756	13.1173±0.034	4.6761±0.0086
4π	17.2027±0.0778	14.0881±0.0353	5.1538±0.009

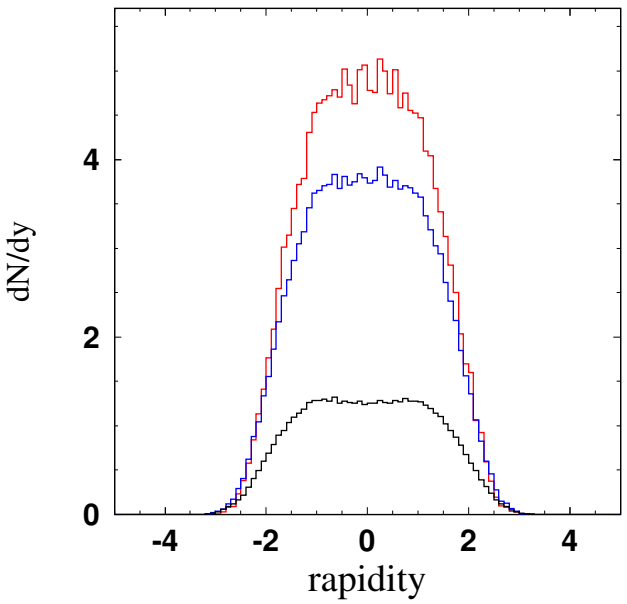






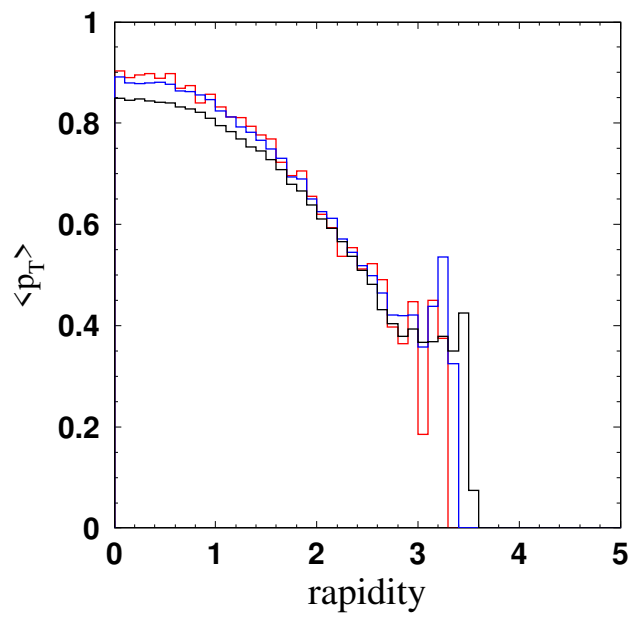


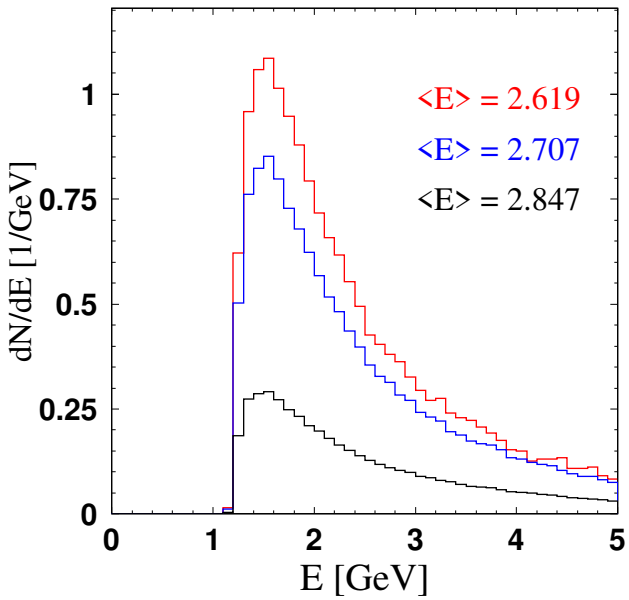
Σ^0

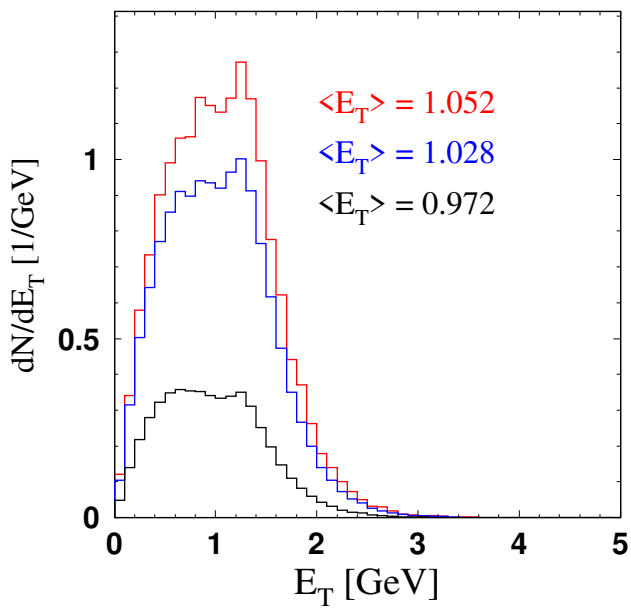


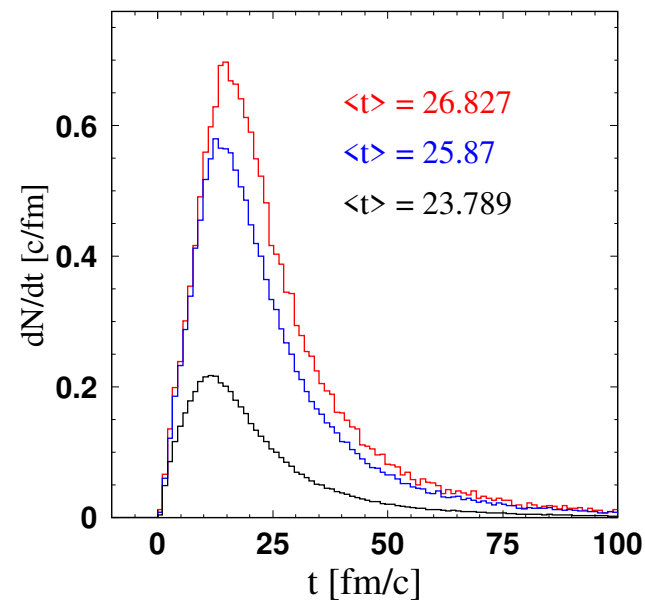
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	4.9001±0.0415	3.7852±0.0183	1.2606±0.0045
|y|<1.0	9.5968±0.0581	7.4894±0.0257	2.5454±0.0063
|y|<1.5	13.5472±0.069	10.7206±0.0308	3.7376±0.0077
|y|<2.0	16.0215±0.0751	12.8522±0.0337	4.6014±0.0085
4π	16.9993±0.0773	13.8492±0.035	5.0992±0.009

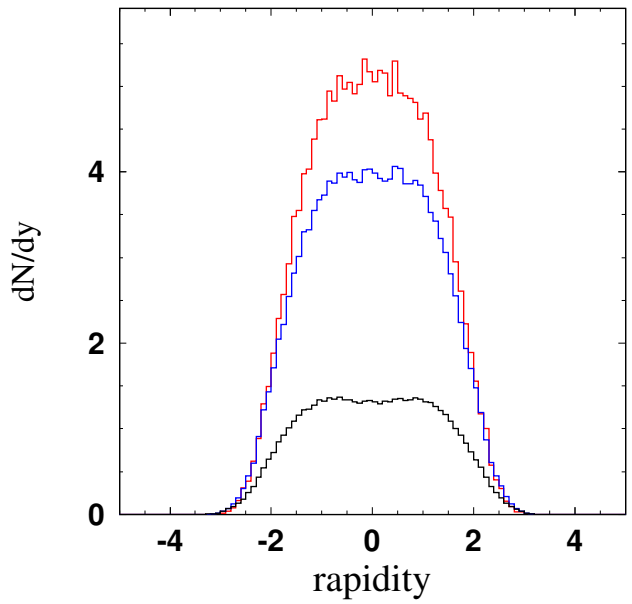






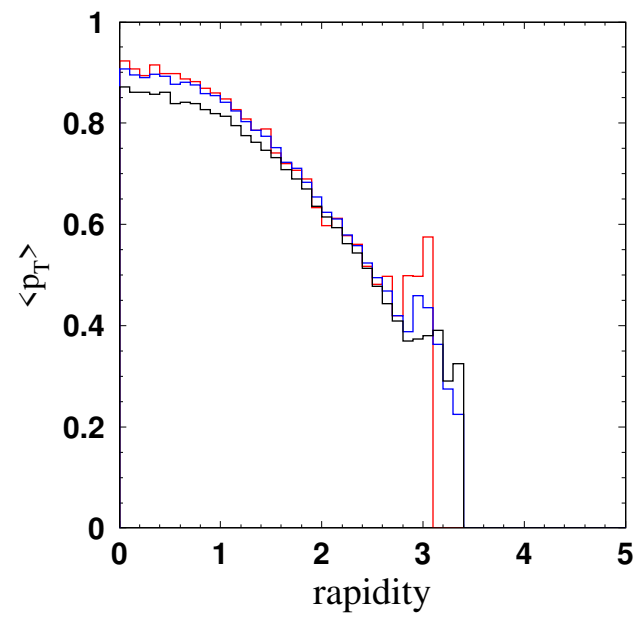


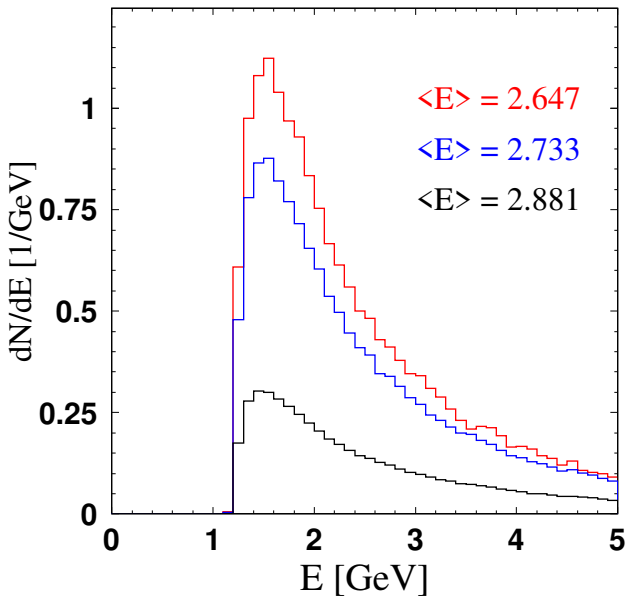
Σ^-

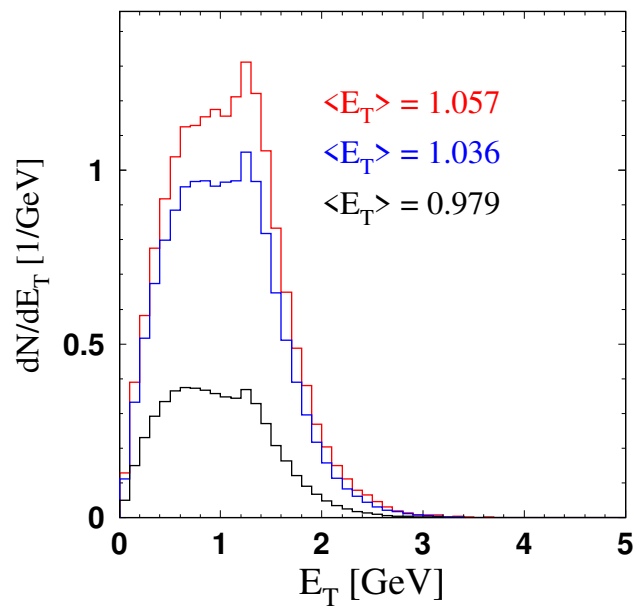


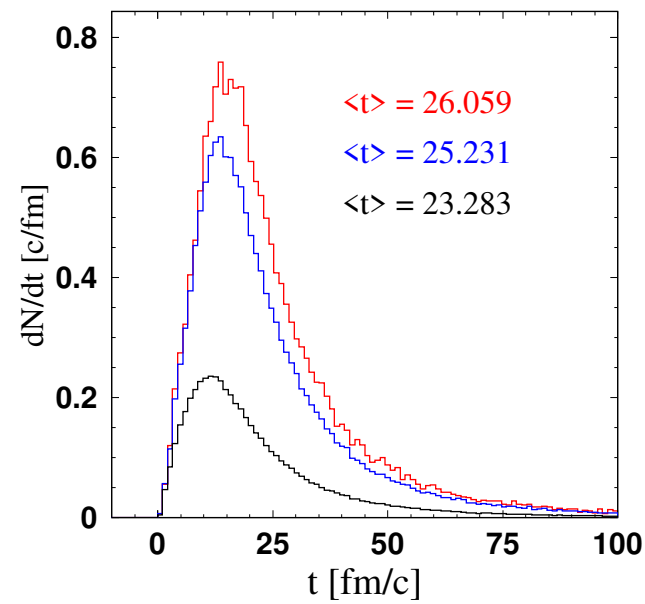
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	5.1049±0.0424	3.9618±0.0187	1.3191±0.0046
|y|<1.0	9.9631±0.0592	7.855±0.0263	2.665±0.0065
|y|<1.5	14.0598±0.0703	11.2359±0.0315	3.9129±0.0079
|y|<2.0	16.6897±0.0766	13.4938±0.0345	4.8294±0.0087
4π	17.7481±0.079	14.5667±0.0359	5.3765±0.0092

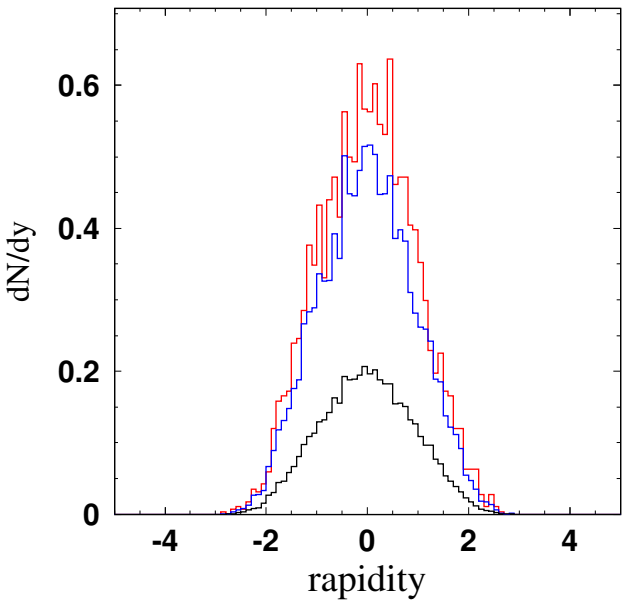






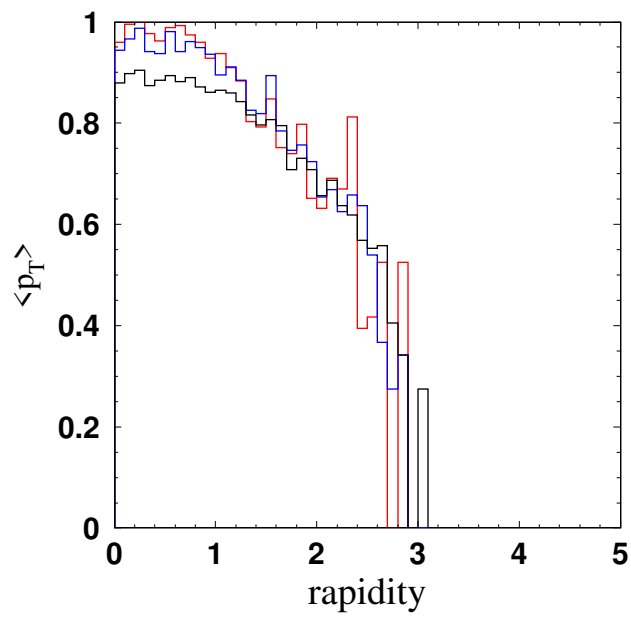


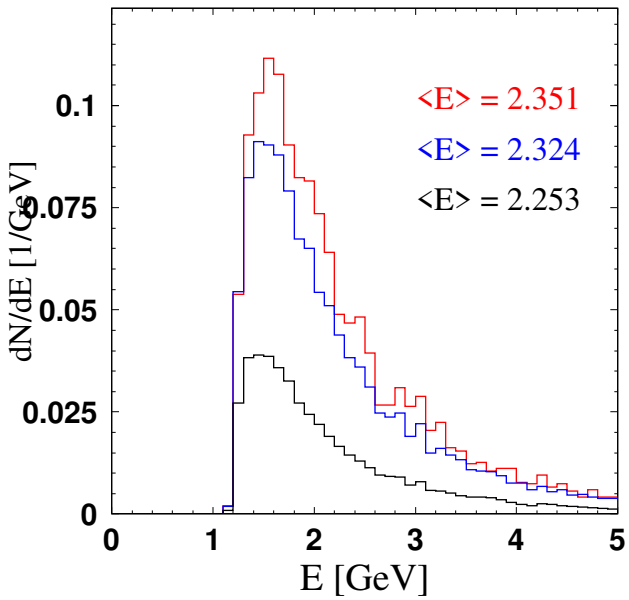
$\bar{\Sigma}^{-}$

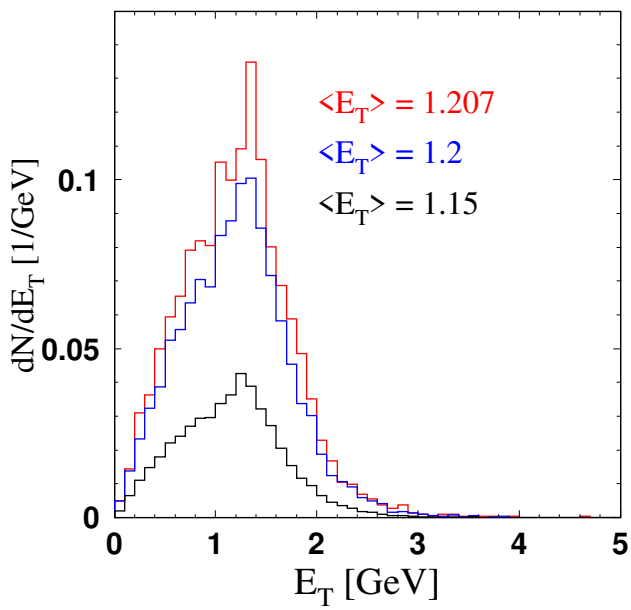


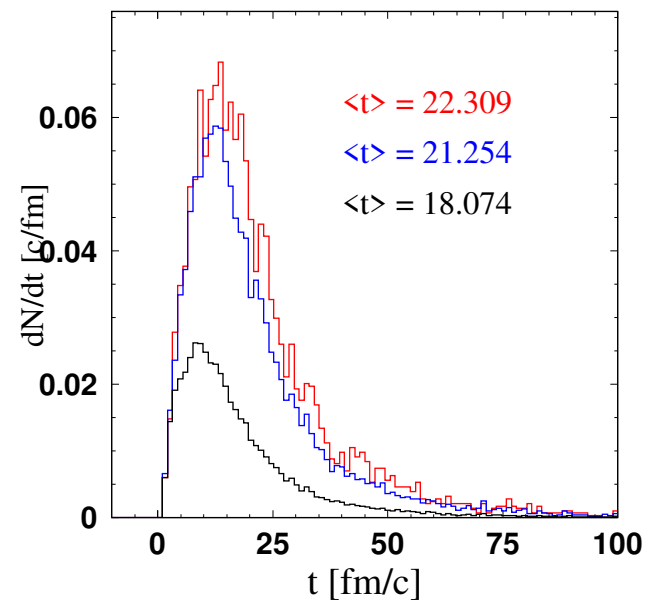
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	0.563±0.0141	0.4778±0.0065	0.1923±0.0017
|y|<1.0	0.9926±0.0187	0.8274±0.0086	0.3365±0.0023
|y|<1.5	1.2723±0.0212	1.0614±0.0097	0.4282±0.0026
|y|<2.0	1.4039±0.0222	1.1685±0.0102	0.4682±0.0027
4π	1.4402±0.0225	1.1948±0.0103	0.4779±0.0027

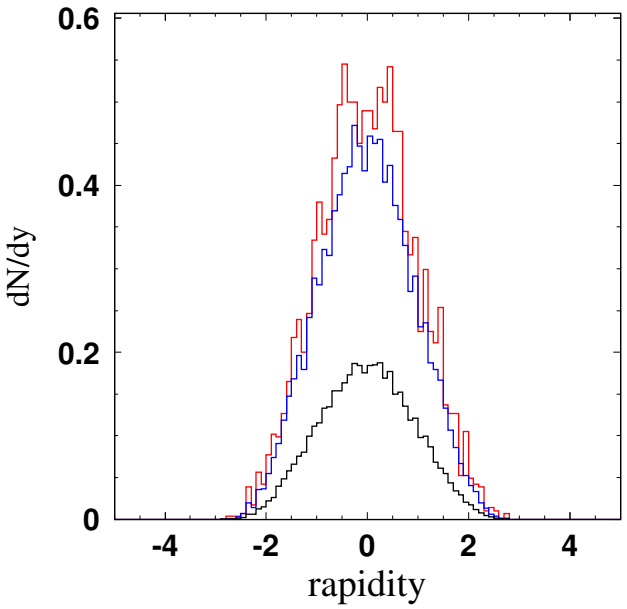






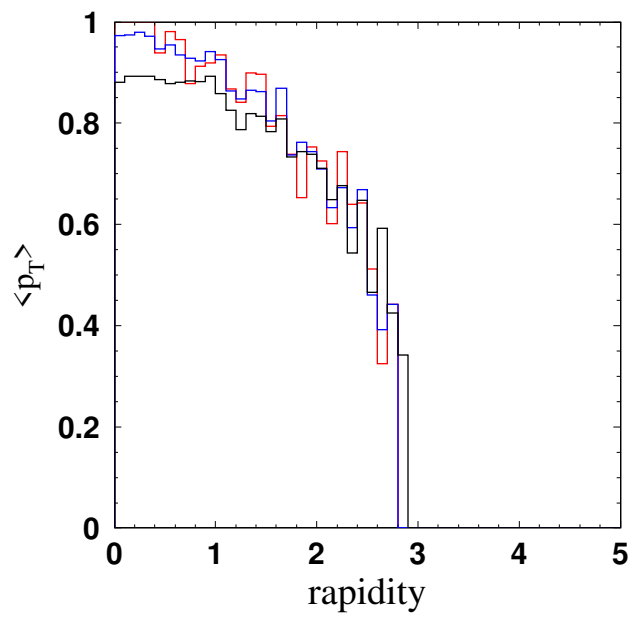


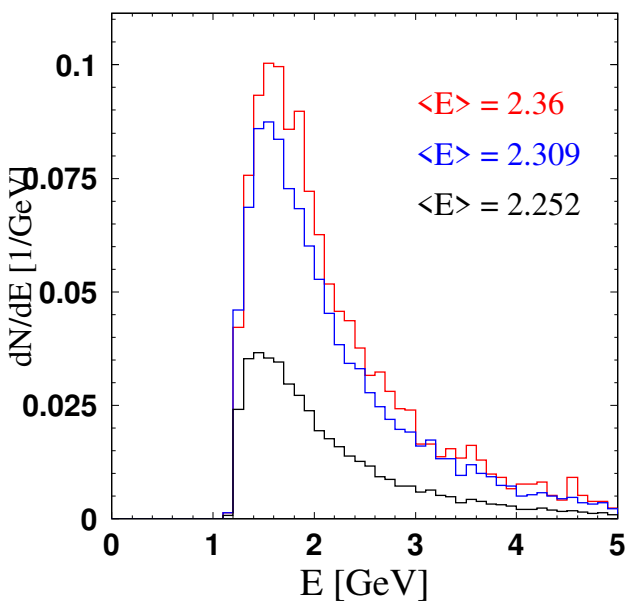
$\bar{\Sigma}^0$

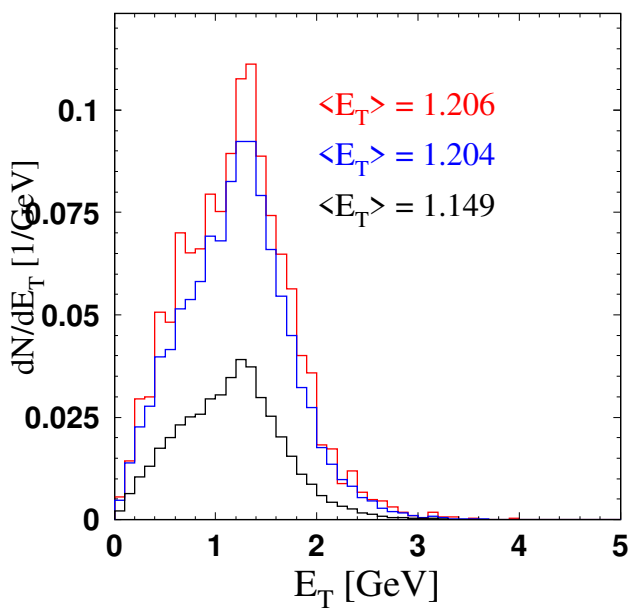


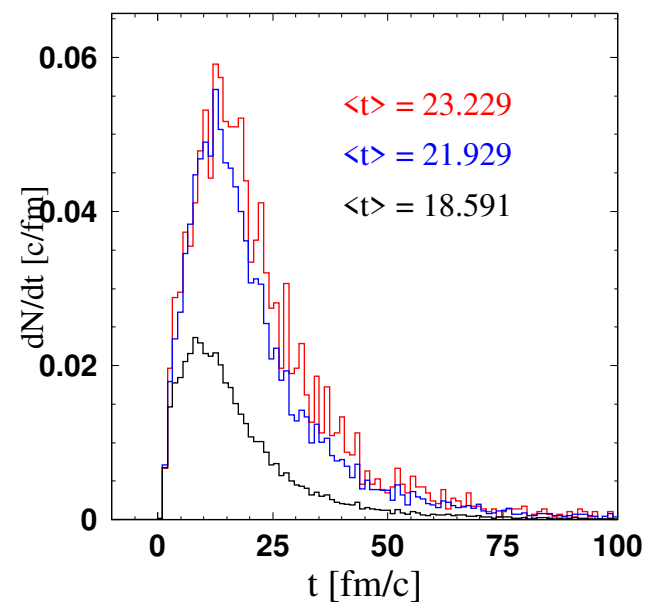
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	0.5±0.0133	0.4364±0.0062	0.1785±0.0017
|y|<1.0	0.8937±0.0177	0.767±0.0082	0.3155±0.0022
|y|<1.5	1.139±0.02	0.9744±0.0093	0.4003±0.0025
|y|<2.0	1.2509±0.021	1.0675±0.0097	0.438±0.0026
4π	1.2854±0.0213	1.0912±0.0098	0.4471±0.0027

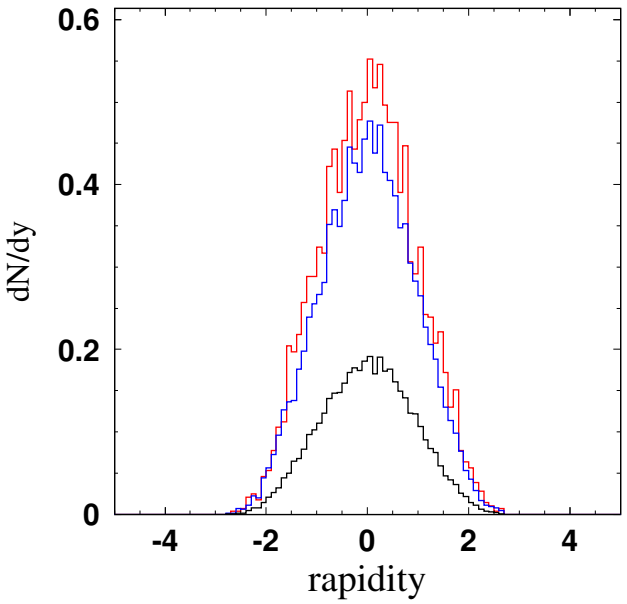






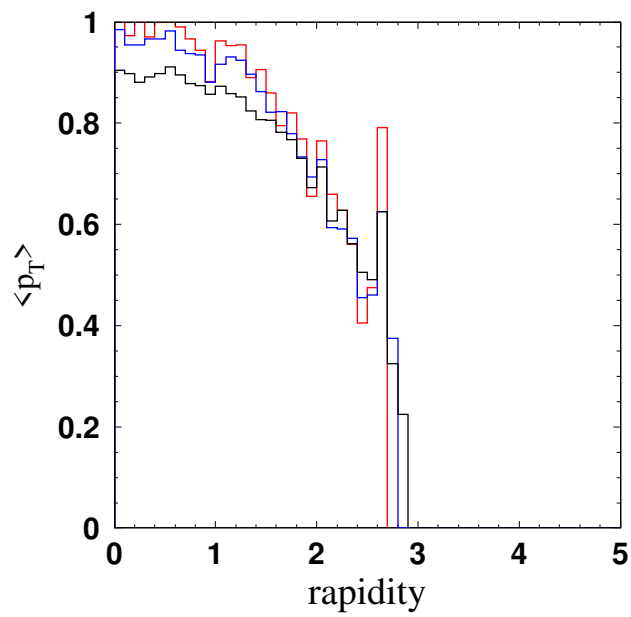


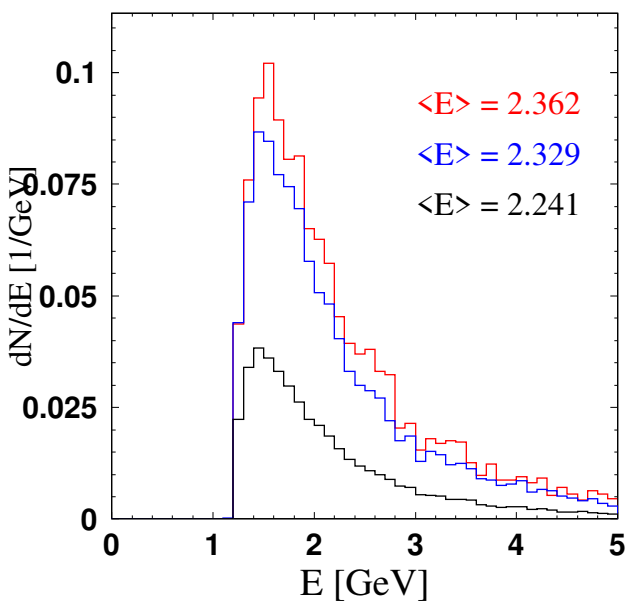
$\bar{\Sigma}^{+}$

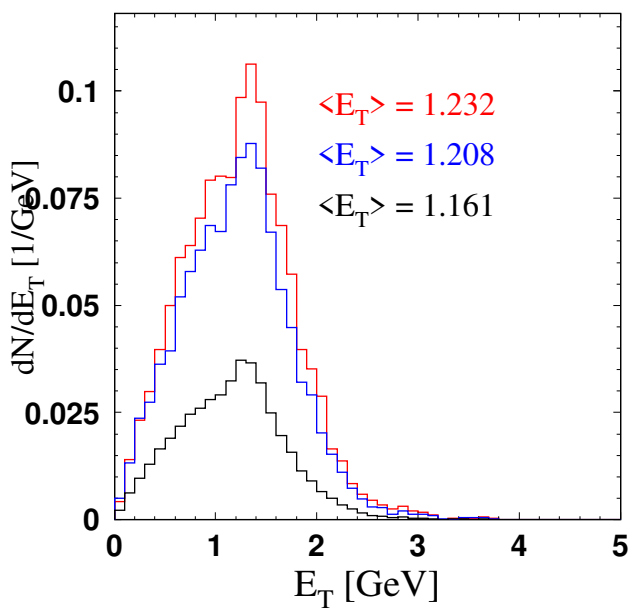


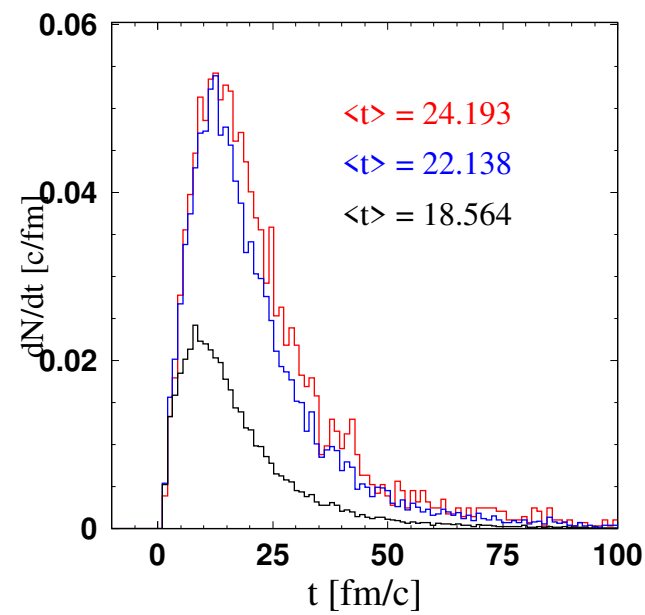
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	0.4975±0.0132	0.4328±0.0062	0.1772±0.0017
|y|<1.0	0.8783±0.0176	0.762±0.0082	0.3138±0.0022
|y|<1.5	1.1267±0.0199	0.9667±0.0092	0.3959±0.0025
|y|<2.0	1.2414±0.0209	1.0626±0.0097	0.4304±0.0026
4π	1.2695±0.0211	1.0863±0.0098	0.4384±0.0026

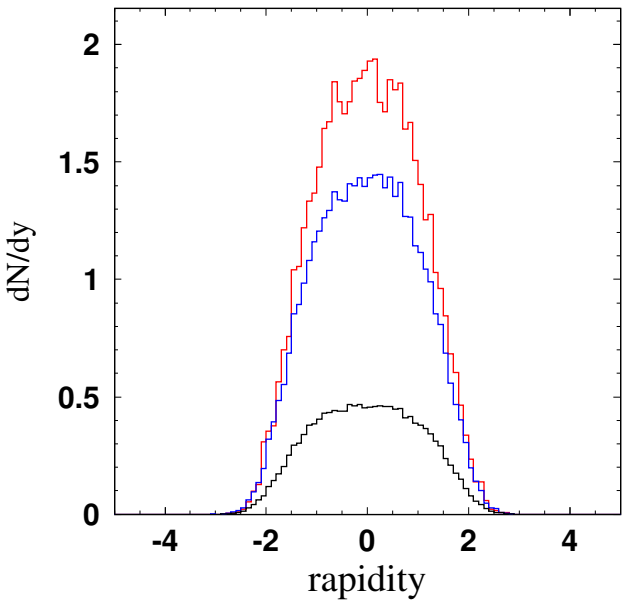






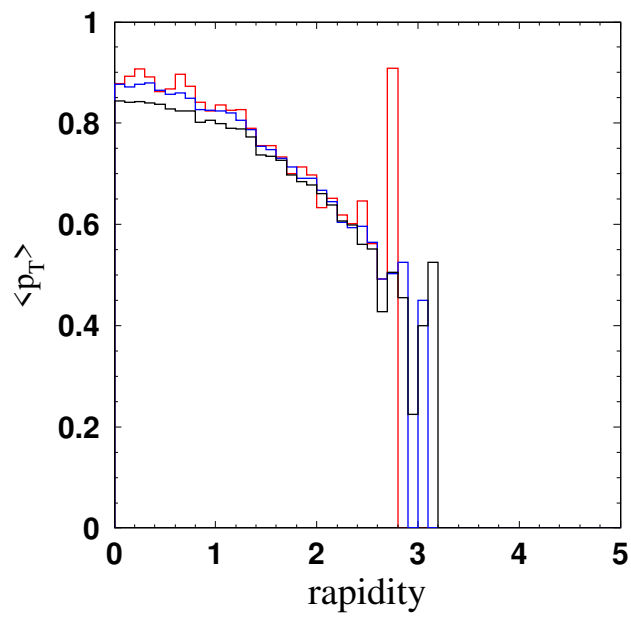


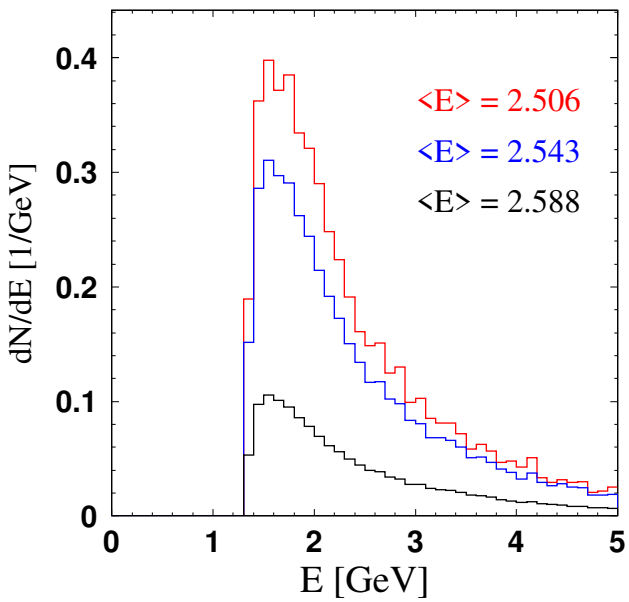
Ξ^0

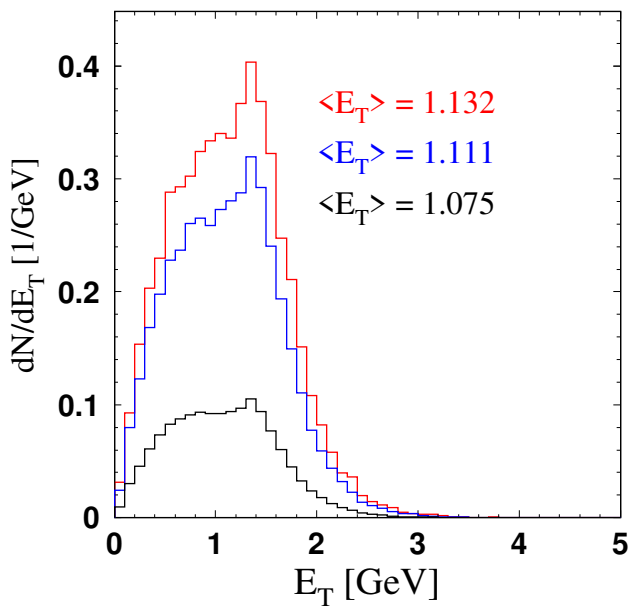


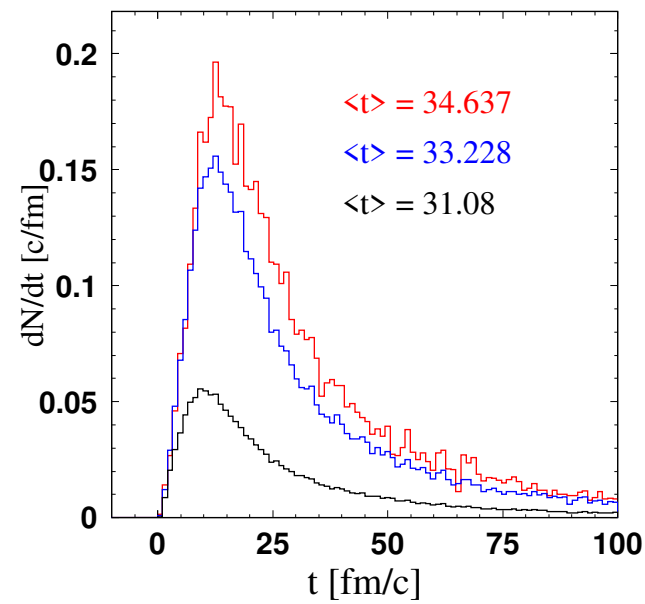
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	1.8234±0.0253	1.4114±0.0112	0.4587±0.0027
|y|<1.0	3.5081±0.0351	2.7031±0.0155	0.885±0.0037
|y|<1.5	4.7027±0.0407	3.6814±0.018	1.2243±0.0044
|y|<2.0	5.2713±0.0431	4.1673±0.0192	1.4017±0.0047
4π	5.3962±0.0436	4.2777±0.0194	1.4488±0.0048

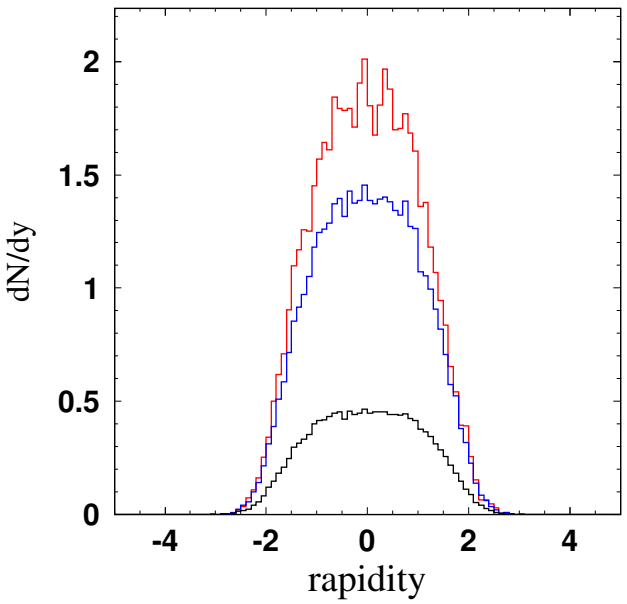






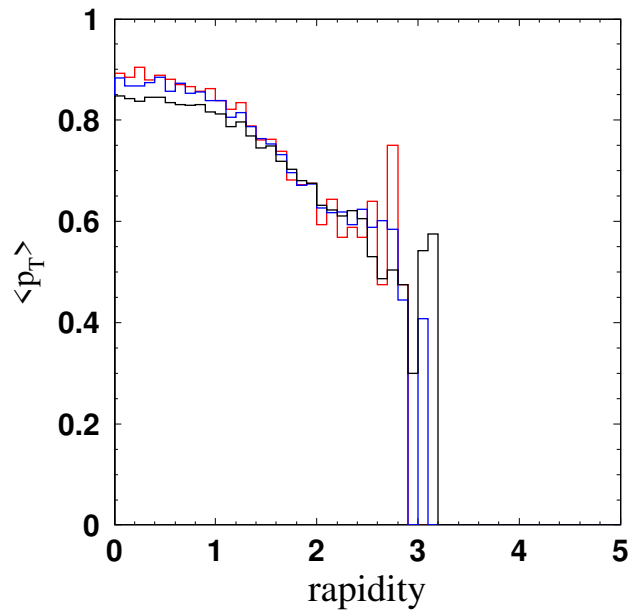


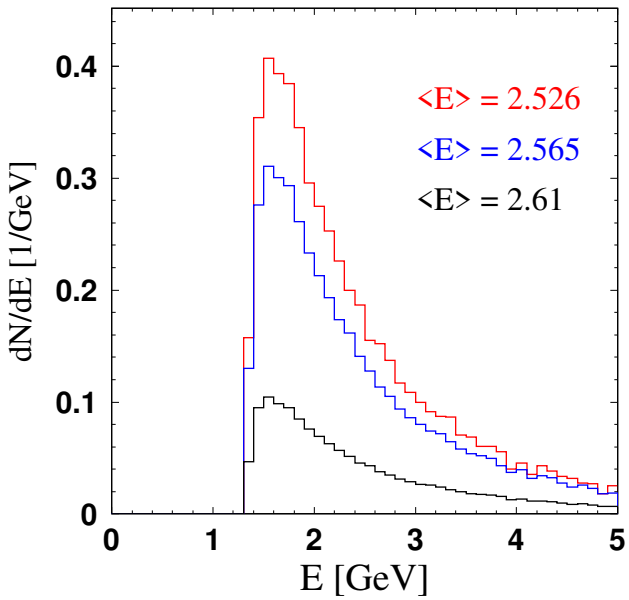
Ξ^-

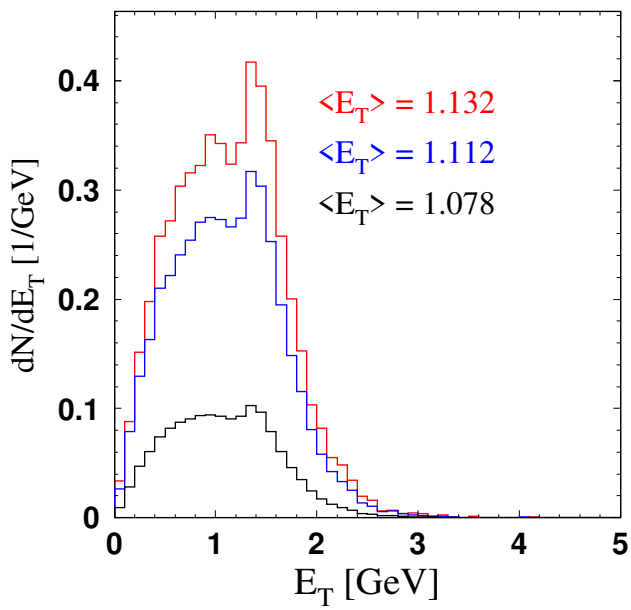


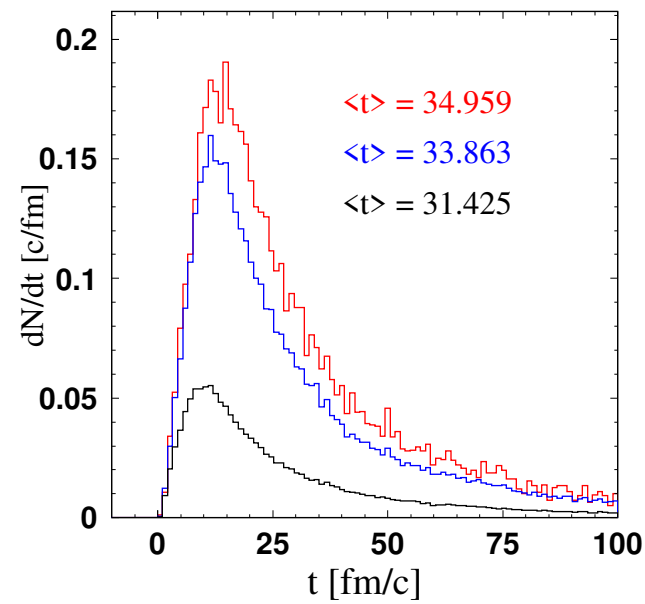
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	1.8343±0.0254	1.3902±0.0111	0.4477±0.0027
|y|<1.0	3.5271±0.0352	2.7053±0.0155	0.8806±0.0037
|y|<1.5	4.7438±0.0409	3.6879±0.0181	1.2191±0.0044
|y|<2.0	5.3332±0.0433	4.1887±0.0192	1.4004±0.0047
4π	5.4613±0.0438	4.3054±0.0195	1.4483±0.0048

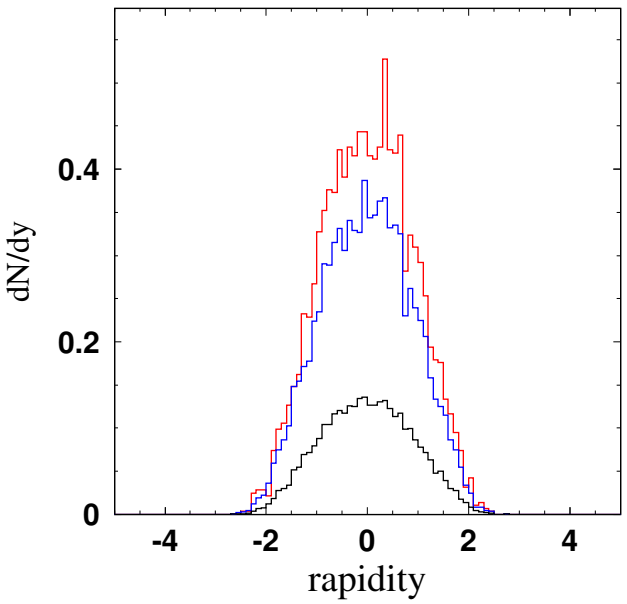






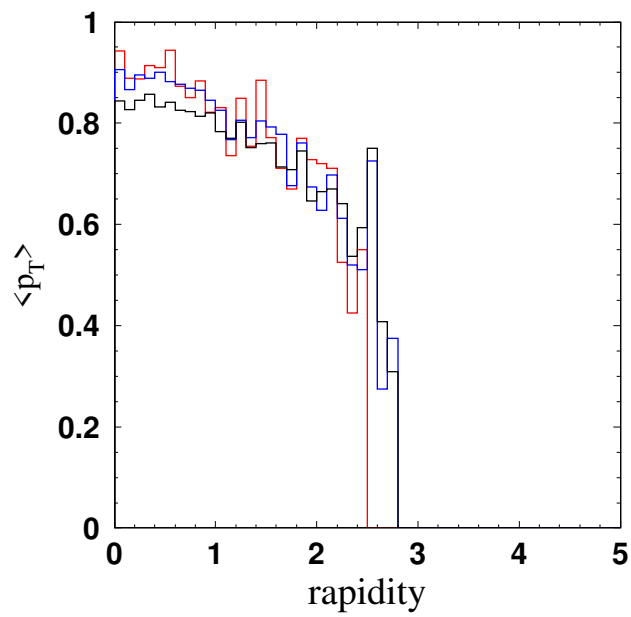


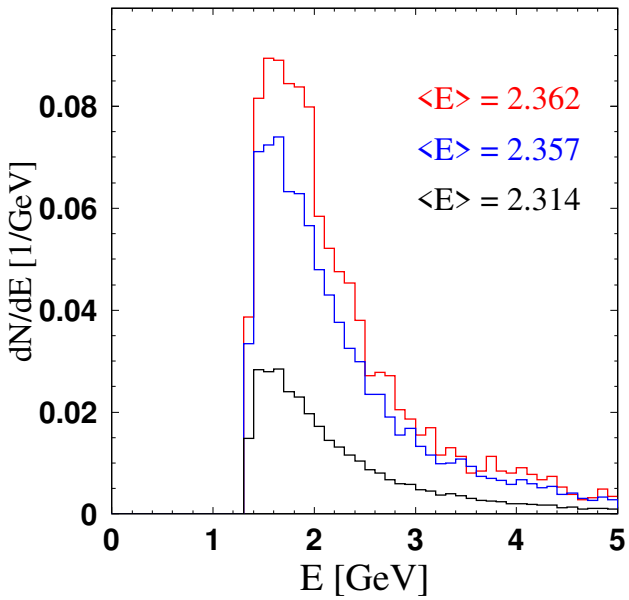
$\bar{\Xi}^0$

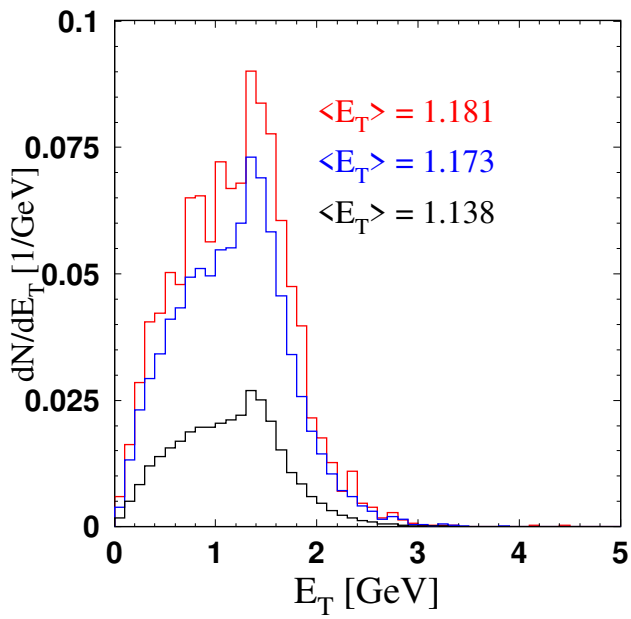


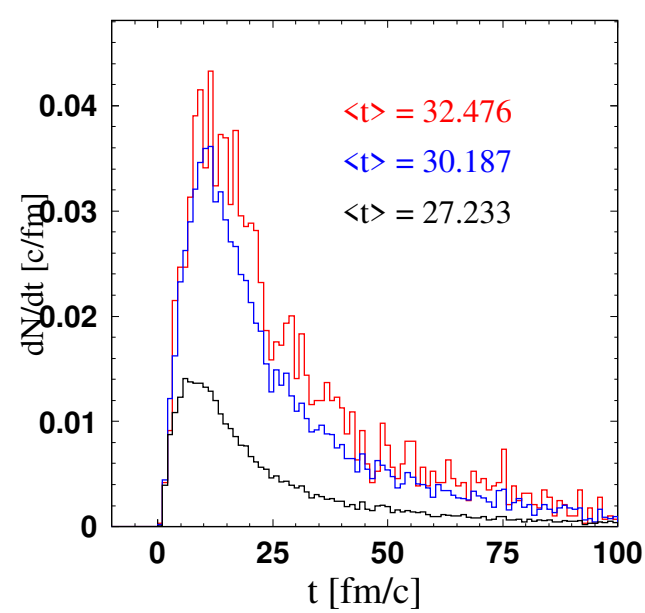
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	0.4321±0.0123	0.3441±0.0055	0.1276±0.0014
|y|<1.0	0.7945±0.0167	0.6293±0.0075	0.2324±0.0019
|y|<1.5	1.0077±0.0188	0.8015±0.0084	0.2961±0.0022
|y|<2.0	1.0954±0.0196	0.874±0.0088	0.3209±0.0023
4π	1.1119±0.0198	0.8853±0.0088	0.3249±0.0023

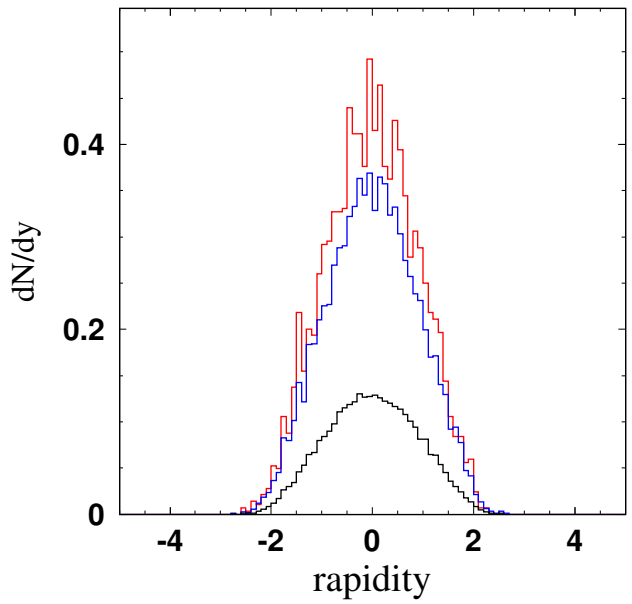






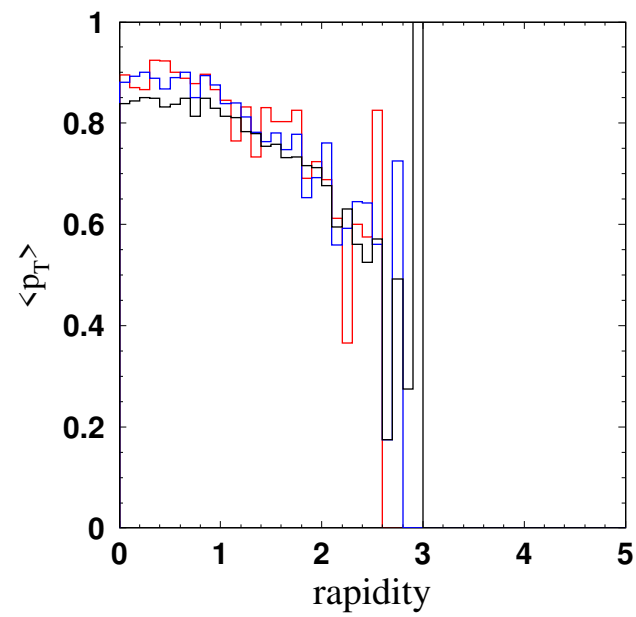


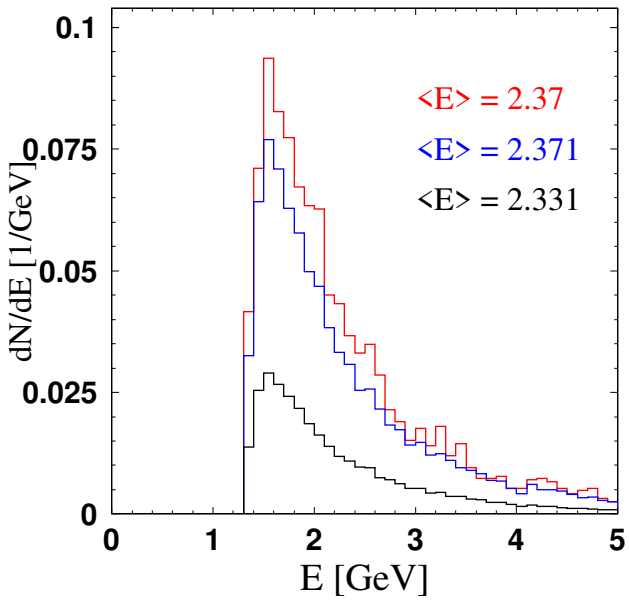
$\bar{\Xi}^+$

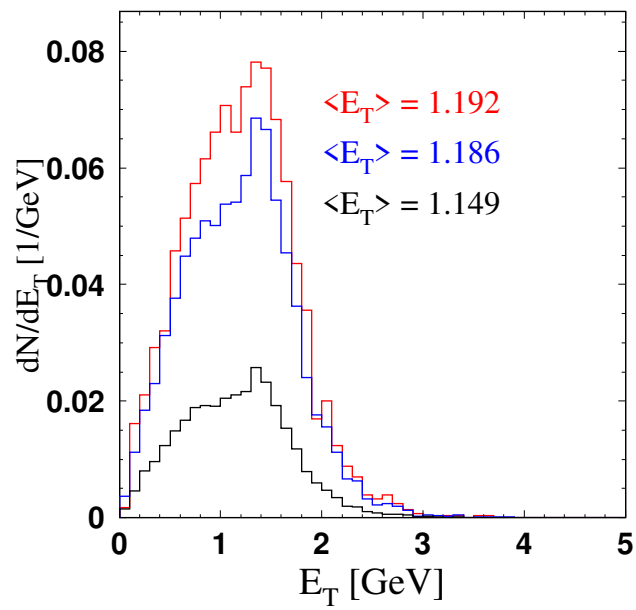


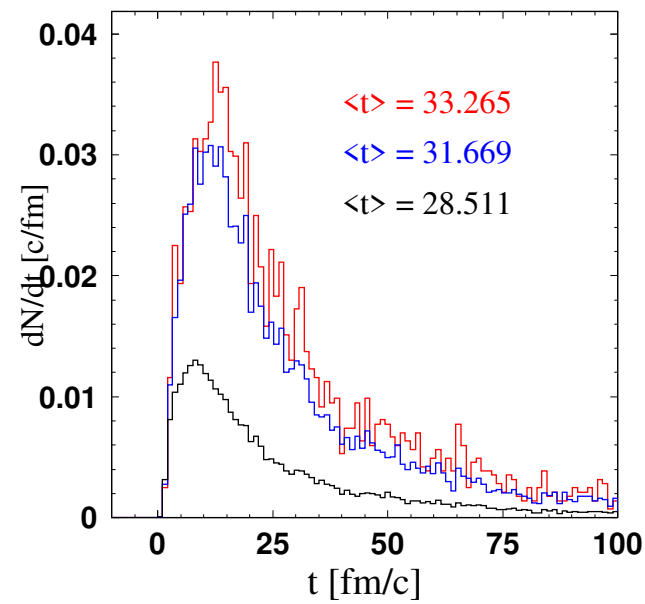
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	0.4177±0.0121	0.3441±0.0055	0.124±0.0014
|y|<1.0	0.7361±0.0161	0.6047±0.0073	0.2237±0.0019
|y|<1.5	0.9409±0.0182	0.7701±0.0082	0.2857±0.0021
|y|<2.0	1.0232±0.019	0.84±0.0086	0.3097±0.0022
4π	1.0355±0.0191	0.8515±0.0087	0.3137±0.0022

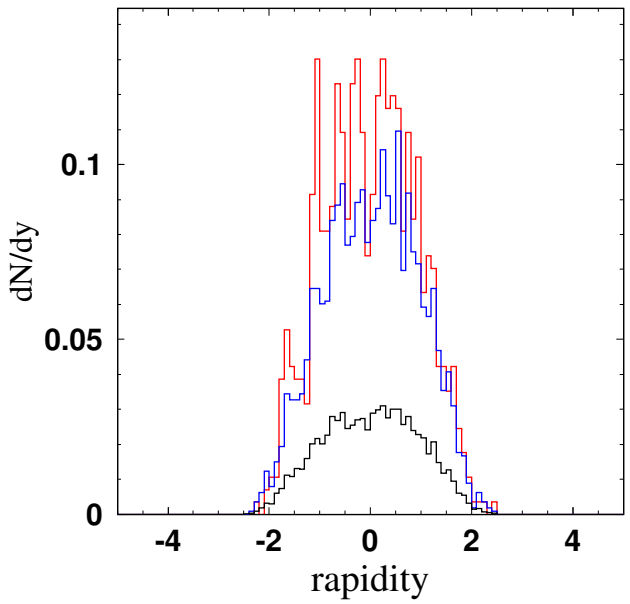






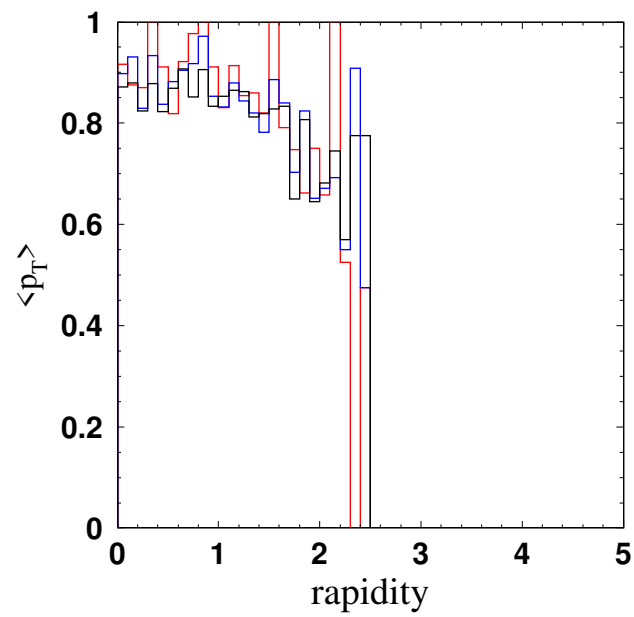


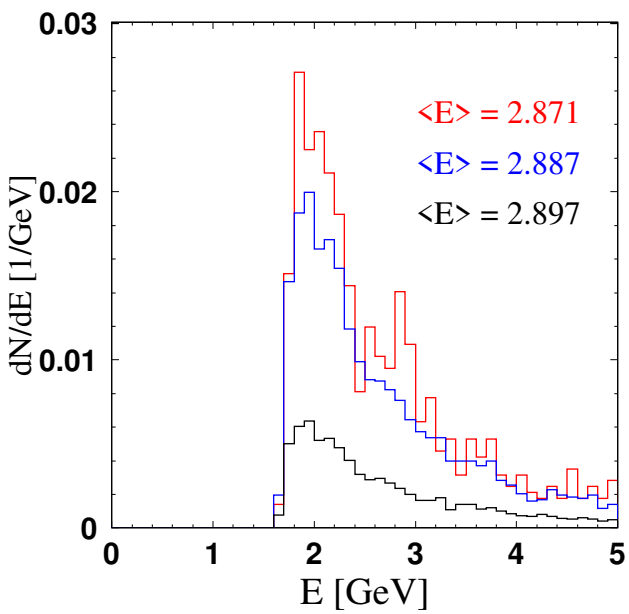
Ω^-

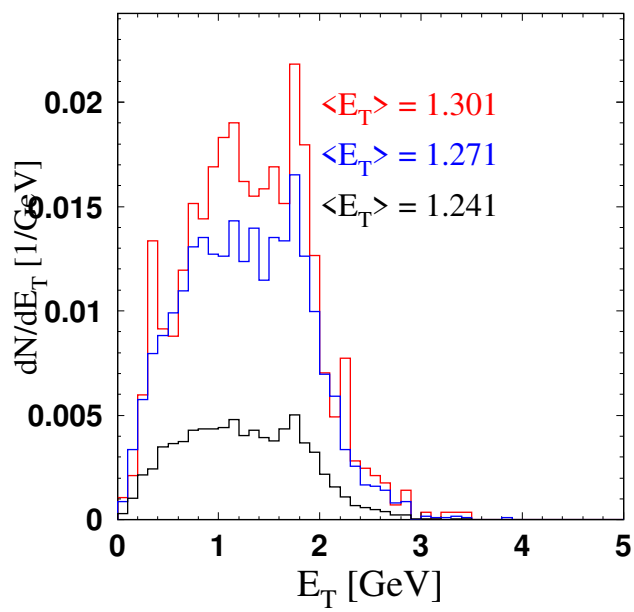


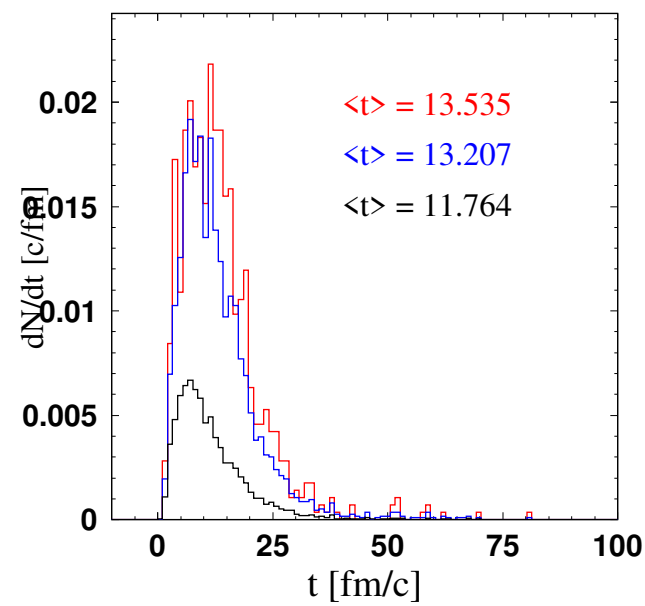
Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	0.1098±0.0062	0.0866±0.0028	0.0276±0.0007
|y|<1.0	0.2072±0.0085	0.1672±0.0038	0.0533±0.0009
|y|<1.5	0.2695±0.0097	0.2175±0.0044	0.0704±0.0011
|y|<2.0	0.298±0.0102	0.2399±0.0046	0.0779±0.0011
4π	0.3005±0.0103	0.2436±0.0046	0.079±0.0011

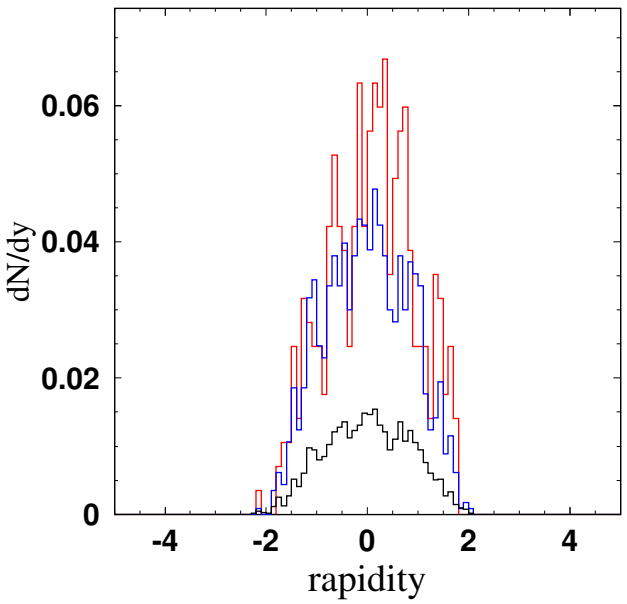


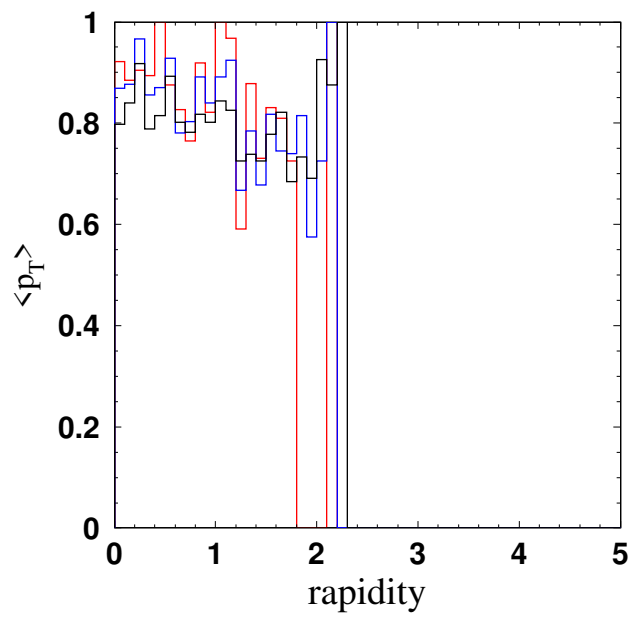
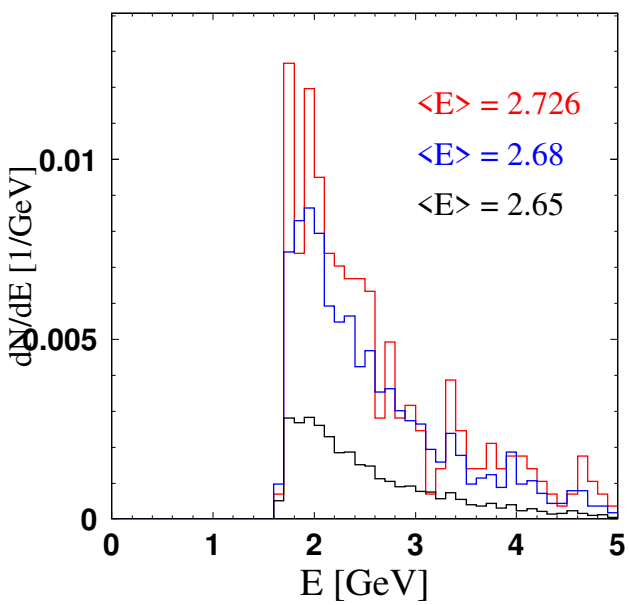
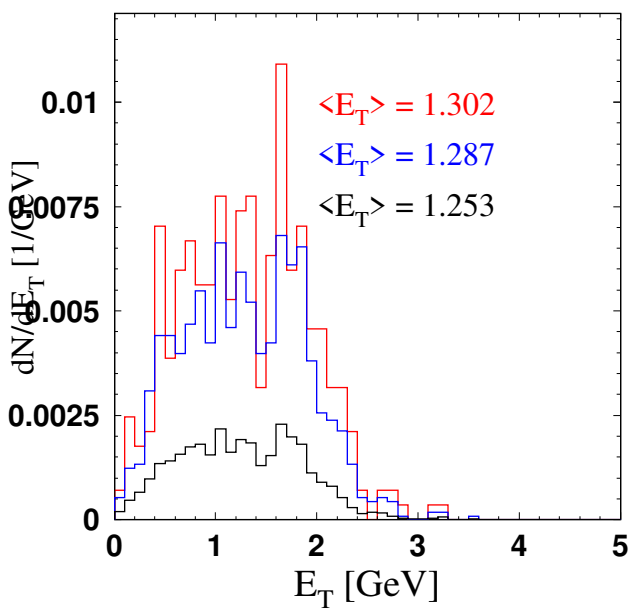
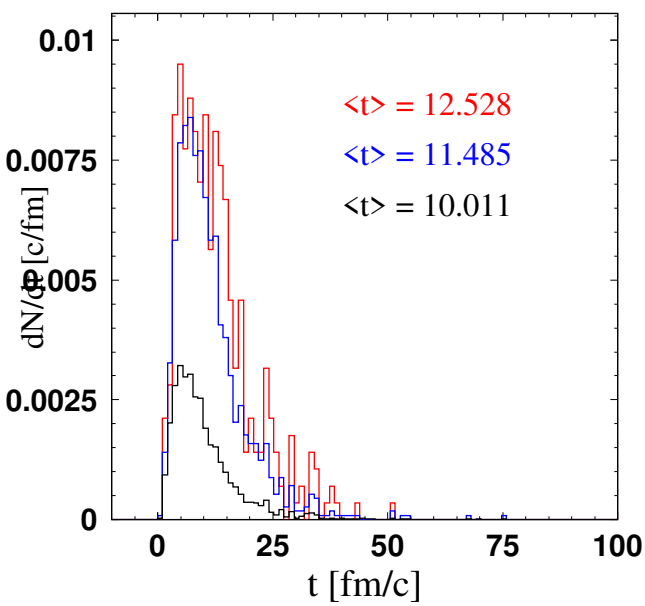






$\bar{\Omega}^{+}$



Multiplicity

	b≤3 [fm]	b≤6 [fm]	b≤14 [fm]
|y|<0.5	0.0493±0.0042	0.0391±0.0019	0.013±0.0005
|y|<1.0	0.0901±0.0056	0.0712±0.0025	0.024±0.0006
|y|<1.5	0.1154±0.0064	0.0925±0.0029	0.0308±0.0007
|y|<2.0	0.1239±0.0066	0.0979±0.0029	0.0325±0.0007
4π	0.1242±0.0066	0.0981±0.0029	0.0326±0.0007