Tabulated results from the paper
“Production of protons, deuterons and tritons in argon-nucleus interactions at 3.2 A GeV”

Table 1: d2N/dydpT (GeV/c)-1 spectra of protons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 0–40%. The results are presented for different pT and rapidity (y) bins. The first and second uncertainties are the statistical and total uncertainties, respectively.

ArC

p_T (GeV/c)	**0.15**	**0.25**	**0.35**	**0.45**	**0.55**	**0.65**	**0.75**	**0.85**	**0.95**	**1.1**
y										
1.0	3.11 ± 0.30 ± 0.47	3.16 ± 0.17 ±0.30	3.65 ± 0.22 ± 0.44	4.51 ± 0.28 ± 0.48	3.33 ± 0.23 ± 0.31	3.05 ± 0.25 ± 0.49	-	-	-	-
1.2	3.28 ± 0.25 ± 0.35	3.55 ± 0.18 ± 0.25	4.42 ± 0.25 ± 0.52	5.36 ± 0.31 ± 0.56	3.91 ± 0.24 ± 0.34	3.52 ± 0.24 ± 0.54	3.04 ± 0.26 ± 0.32	2.12 ± 0.25 ± 0.30	-	-
1.4	4.38 ± 0.12 ± 0.68	5.29 ± 0.12 ± 0.85	5.52 ± 0.15 ± 0.80	5.52 ± 0.21 ± 0.71	4.80 ± 0.25 ± 0.33	4.06 ± 0.26 ± 0.36	3.12 ± 0.22 ± 0.37	2.44 ± 0.278 ± 0.328	1.34 ± 0.15 ± 0.21	0.879 ± 0.139 ± 0.383
1.6	8.64 ± 0.23 ± 0.56	8.66 ± 0.18 ± 0.86	7.25 ± 0.15 ± 0.93	6.13 ± 0.15 ± 0.91	5.23 ± 0.14 ± 0.81	4.21 ± 0.14 ± 0.70	2.85 ± 0.12 ± 0.60	2.587 ± 0.145 ± 0.621	1.40 ± 0.111 ± 0.360	0.847 ± 0.081 ± 0.279
1.8	11.2 ± 0.30 ± 1.73	12.9 ± 0.23 ± 1.69	10.3 ± 0.17 ± 1.96	8.68 ± 0.17 ± 1.82	6.72 ± 0.15 ± 1.66	4.76 ± 0.13 ± 1.12	2.96 ± 0.10 ± 0.75	1.72 ± 0.07 ± 0.49	1.15 ± 0.07 ± 0.36	0.599 ± 0.038 ± 0.204
2.0	24.9 ± 0.57 ± 4.62	21.7 ± 0.354 ± 3.793	14.8 ± 0.227 ± 3.309	10.6 ± 0.19 ± 2.95	7.10 ± 0.16 ± 2.46	4.34 ± 0.14 ± 1.75	2.41 ± 0.13 ± 1.03	1.36 ± 0.11 ± 0.52	0.437 ± 0.124 ± 0.225	0.266 ± 0.033 ± 0.106

p_T (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
y										
2.2	-	16.4 ± 0.36 ± 1.64	10.6 ± 0.29 ± 1.37	6.92 ± 0.17 ± 0.78	4.35 ± 0.15 ± 0.33	2.19 ± 0.11 ± 0.21	0.984 ± 0.085 ± 0.189	0.432 ± 0.062 ± 0.089	0.331 ± 0.053 ± 0.088	0.0439 ± 0.0136 ± 0.0138
2.4	-	5.56 ± 0.52 ± 0.80	4.06 ± 0.28 ± 0.92	2.24 ± 0.18 ± 0.66	1.48 ± 0.16 ± 0.24	0.619 ± 0.105 ± 0.146	0.415 ± 0.085 ± 0.087	0.0930 ± 0.0227 ± 0.0268	0.0353 ± 0.0133 ± 0.0188	-

ArAl

p_T (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
y										
1.0	12.3 ± 0.59 ± 0.61	11.0 ± 0.28 ± 0.33	11.6 ± 0.33 ± 0.65	13.4 ± 0.38 ± 0.66	11.6 ± 0.35 ± 0.78	10.7 ± 0.39 ± 0.73	-	-	-	-
1.2	9.68 ± 0.35 ± 0.38	10.7 ± 0.26 ± 0.39	12.4 ± 0.32 ± 0.68	14.3 ± 0.38 ± 0.68	12.4 ± 0.33 ± 0.81	11.3 ± 0.35 ± 0.74	8.89 ± 0.34 ± 0.68	6.97 ± 0.38 ± 0.54	-	-
1.4	9.27 ± 0.12 ± 0.65	11.0 ± 0.12 ± 0.85	13.1 ± 0.17 ± 1.03	13.9 ± 0.25 ± 1.14	12.5 ± 0.29 ± 0.79	10.5 ± 0.29 ± 0.75	9.23 ± 0.30 ± 0.67	7.13 ± 0.29 ± 0.49	4.21 ± 0.22 ± 0.40	2.61 ± 0.21 ± 0.26
1.6	12.4 ± 0.16 ± 0.31	15.1 ± 0.15 ± 0.78	14.6 ± 0.14 ± 0.84	14.7 ± 0.17 ± 0.94	13.1 ± 0.16 ± 0.79	10.7 ± 0.16 ± 0.69	8.25 ± 0.16 ± 0.49	6.15 ± 0.16 ± 0.45	4.30 ± 0.16 ± 0.34	2.18 ± 0.11 ± 0.16
1.8	15.8 ± 0.20 ± 2.19	20.4 ± 0.18 ± 2.15	18.9 ± 0.16 ± 2.59	16.4 ± 0.16 ± 2.63	14.3 ± 0.16 ± 2.23	10.3 ± 0.14 ± 1.46	7.50 ± 0.13 ± 1.07	4.82 ± 0.10 ± 0.62	3.22 ± 0.09 ± 0.41	1.55 ± 0.05 ± 0.25

p_T (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
y										
2.0	31.1 ± 0.42 ± 9.13	28.2 ± 0.25 ± 7.55	22.9 ± 0.19 ± 6.84	18.9 ± 0.18 ± 5.00	14.2 ± 0.17 ± 4.29	8.57 ± 0.15 ± 2.30	5.65 ± 0.14 ± 1.75	3.13 ± 0.11 ± 0.92	1.50 ± 0.09 ± 0.44	0.663 ± 0.049 ± 0.211
2.2	-	19.8 ± 0.26 ± 2.02	15.6 ± 0.20 ± 1.38	10.5 ± 0.16 ± 0.80	6.78 ± 0.13 ± 0.54	3.88 ± 0.12 ± 0.35	1.95 ± 0.09 ± 0.19	0.985 ± 0.079 ± 0.144	0.374 ± 0.093 ± 0.103	0.161 ± 0.043 ± 0.056
2.4	-	7.16 ± 0.38 ± 0.58	4.54 ± 0.23 ± 0.39	3.33 ± 0.17 ± 0.32	1.90 ± 0.11 ± 0.16	0.948 ± 0.073 ± 0.105	0.428 ± 0.072 ± 0.084	0.230 ± 0.067 ± 0.069	0.120 ± 0.041 ± 0.051	-

ArCu

p_T (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
y										
1.0	13.3 ± 0.46 ± 0.52	15.7 ± 0.29 ± 0.29	18.1 ± 0.38 ± 0.63	21.0 ± 0.45 ± 0.86	15.6 ± 0.35 ± 0.60	15.9 ± 0.44 ± 0.57	-	-	-	-
1.2	11.7 ± 0.33 ± 0.34	14.0 ± 0.27 ± 0.33	17.0 ± 0.34 ± 0.58	20.0 ± 0.41 ± 0.80	14.7 ± 0.32 ± 0.56	15.0 ± 0.38 ± 0.51	12.6 ± 0.38 ± 0.57	9.35 ± 0.41 ± 0.58	-	-
1.4	9.99 ± 0.11 ± 0.60	12.7 ± 0.12 ± 0.92	14.7 ± 0.17 ± 1.13	17.0 ± 0.26 ± 1.26	15.2 ± 0.29 ± 0.81	12.7 ± 0.30 ± 0.72	10.4 ± 0.29 ± 0.49	8.46 ± 0.29 ± 0.47	6.10 ± 0.26 ± 0.37	3.61 ± 0.24 ± 0.27
1.6	12.0 ± 0.14 ± 0.34	13.9 ± 0.13 ± 0.64	14.5 ± 0.13 ± 0.82	14.6 ± 0.15 ± 0.92	13.3 ± 0.15 ± 0.91	11.3 ± 0.16 ± 0.70	8.94 ± 0.16 ± 0.61	7.14 ± 0.17 ± 0.51	4.94 ± 0.16 ± 0.33	2.72 ± 0.11 ± 0.19

p_T (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
y										
1.8	12.7 ± 0.15 ± 1.03	16.3 ± 0.14 ± 1.55	16.3 ± 0.13 ± 2.11	14.0 ± 0.13 ± 2.24	12.5 ± 0.13 ± 2.31	9.89 ± 0.13 ± 2.08	7.18 ± 0.11 ± 1.66	4.82 ± 0.10 ± 1.28	3.13 ± 0.08 ± 0.92	1.61 ± 0.05 ± 0.51
2.0	20.0 ± 0.25 ± 2.96	19.6 ± 0.17 ± 2.54	16.8 ± 0.14 ± 2.20	14.4 ± 0.13 ± 2.50	10.7 ± 0.13 ± 2.32	6.96 ± 0.11 ± 1.50	4.60 ± 0.11 ± 1.11	2.56 ± 0.10 ± 0.66	1.39 ± 0.07 ± 0.39	0.687 ± 0.047 ± 0.211
2.2	-	12.8 ± 0.17 ± 2.49	10.1 ± 0.13 ± 2.96	7.78 ± 0.11 ± 2.47	4.86 ± 0.10 ± 1.37	3.13 ± 0.09 ± 1.01	1.71 ± 0.07 ± 0.53	0.867 ± 0.069 ± 0.268	0.538 ± 0.074 ± 0.190	0.0997 ± 0.0399 ± 0.0494
2.4	-	3.90 ± 0.20 ± 0.28	2.75 ± 0.13 ± 0.28	2.42 ± 0.12 ± 0.20	1.34 ± 0.08 ± 0.12	0.899 ± 0.066 ± 0.093	0.455 ± 0.054 ± 0.057	0.200 ± 0.056 ± 0.058	-	-

ArSn

p_T (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
y										
1.0	19.2 ± 0.52 ± 0.62	23.8 ± 0.35 ± 0.80	27.1 ± 0.46 ± 1.40	30.0 ± 0.53 ± 1.50	24.4 ± 0.45 ± 1.15	23.0 ± 0.52 ± 1.18	-	-	-	-
1.2	14.4 ± 0.32 ± 0.45	18.8 ± 0.29 ± 0.90	22.9 ± 0.39 ± 1.18	25.7 ± 0.45 ± 1.28	21.1 ± 0.40 ± 0.99	19.9 ± 0.42 ± 1.01	19.7 ± 0.51 ± 0.93	12.8 ± 0.51 ± 1.13	-	
1.4	12.3 ± 0.12 ± 1.46	15.2 ± 0.13 ± 2.09	18.5 ± 0.19 ± 2.26	20.5 ± 0.29 ± 2.27	18.2 ± 0.31 ± 1.20	15.2 ± 0.32 ± 1.04	13.2 ± 0.32 ± 0.88	10.5 ± 0.32 ± 0.89	7.12 ± 0.27 ± 0.51	4.29 ± 0.25 ± 0.33

p_T (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
y										
1.6	12.5 ± 0.14 ± 0.99	15.4 ± 0.13 ± 1.77	15.8 ± 0.13 ± 2.04	16.2 ± 0.16 ± 2.15	15.1 ± 0.16 ± 2.07	12.2 ± 0.16 ± 1.69	10.2 ± 0.17 ± 1.39	8.11 ± 0.18 ± 1.15	5.51 ± 0.18 ± 0.77	2.99 ± 0.11 ± 0.42
1.8	11.6 ± 0.13 ± 0.81	15.2 ± 0.13 ± 1.531	15.6 ± 0.12 ± 1.74	14.3 ± 0.14 ± 1.62	12.7 ± 0.13 ± 1.59	9.72 ± 0.12 ± 1.33	7.08 ± 0.11 ± 1.07	4.78 ± 0.09 ± 0.67	3.17 ± 0.08 ± 0.47	1.60 ± 0.04 ± 0.27
2.0	16.2 ± 0.20 ± 1.53	17.1 ± 0.14 ± 2.16	15.0 ± 0.12 ± 2.29	12.8 ± 0.12 ± 2.39	10.3 ± 0.12 ± 2.32	6.72 ± 0.11 ± 1.71	4.46 ± 0.10 ± 1.29	2.32 ± 0.09 ± 0.73	1.45 ± 0.07 ± 0.50	0.596 ± 0.037 ± 0.229
2.2	-	10.9 ± 0.14 ± 3.35	8.91 ± 0.11 ± 3.81	6.25 ± 0.09 ± 2.36	4.33 ± 0.09 ± 1.89	2.68 ± 0.08 ± 1.11	1.48 ± 0.06 ± 0.60	0.801 ± 0.071 ± 0.357	0.556 ± 0.059 ± 0.225	0.0989 ± 0.0320 ± 0.0545
2.4	-	2.89 ± 0.14 ± 0.21	2.12 ± 0.10 ± 0.37	1.86 ± 0.09 ± 0.22	1.05 ± 0.07 ± 0.14	0.667 ± 0.062 ± 0.090	0.299 ± 0.042 ± 0.051	0.177 ± 0.045 ± 0.056	0.0675 ± 0.0451 ± 0.0531	0.0494 ± 0.0260 ± 0.0263

ArPb

p_T (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
y										
1.0	23.0 ± 0.70 ± 0.96	27.8 ± 0.46 ± 0.82	30.5 ± 0.58 ± 1.09	31.9 ± 0.65 ± 1.30	25.0 ± 0.55 ± 0.90	26.8 ± 0.73 ± 1.10				
1.2	17.0 ± 0.43 ± 0.63	19.1 ± 0.34 ± 0.64	23.3 ± 0.46 ± 0.84	24.9 ± 0.52 ± 1.02	19.8 ± 0.45 ± 0.72	21.3 ± 0.55 ± 0.86	20.2 ± 0.64 ± 0.77	12.2 ± 0.56 ± 0.69		

1.4	11.1 ± 0.12 ± 1.91	14.1 ± 0.13 ± 2.54	17.6 ± 0.21 ± 2.55	19.6 ± 0.33 ± 2.24	16.2 ± 0.35 ± 0.96	13.4 ± 0.35 ± 0.82	11.1 ± 0.35 ± 0.73	9.14 ± 0.37 ± 0.47	7.01 ± 0.33 ± 0.54	4.73 ± 0.33 ± 0.50
1.6	11.0 ± 0.14 ± 1.12	13.2 ± 0.13 ± 1.67	13.9 ± 0.14 ± 1.82	15.0 ± 0.17 ± 2.18	13.0 ± 0.17 ± 1.83	10.9 ± 0.18 ± 1.69	8.59 ± 0.18 ± 1.30	7.45 ± 0.20 ± 1.23	4.91 ± 0.19 ± 0.84	3.11 ± 0.15 ± 0.58
1.8	9.35 ± 0.13 ± 0.79	12.7 ± 0.13 ± 1.24	13.0 ± 0.12 ± 1.30	12.2 ± 0.13 ± 1.33	10.9 ± 0.18 ± 1.10	8.52 ± 0.13 ± 0.80	6.44 ± 0.12 ± 0.68	4.05 ± 0.10 ± 0.39	2.97 ± 0.09 ± 0.25	1.43 ± 0.05 ± 0.12
2.0	13.6 ± 0.22 ± 1.63	13.9 ± 0.14 ± 1.72	12.4 ± 0.12 ± 1.67	10.8 ± 0.12 ± 1.65	8.69 ± 0.12 ± 1.55	5.89 ± 0.11 ± 1.09	4.14 ± 0.11 ± 0.83	2.16 ± 0.08 ± 0.47	1.22 ± 0.08 ± 0.28	0.574 ± 0.041 ± 0.138
2.2	-	8.54 ± 0.14 ± 1.56	7.13 ± 0.11 ± 1.71	5.30 ± 0.09 ± 1.64	3.58 ± 0.08 ± 1.22	2.05 ± 0.07 ± 0.62	1.22 ± 0.07 ± 0.43	0.785 ± 0.068 ± 0.265	0.261 ± 0.070 ± 0.108	0.139 ± 0.037 ± 0.061
2.4	-	2.57 ± 0.15 ± 0.32	1.76 ± 0.10 ± 0.26	1.49 ± 0.08 ± 0.21	0.886 ± 0.061 ± 0.153	0.450 ± 0.059 ± 0.069	0.248 ± 0.028 ± 0.043	0.0800 ± 0.0242 ± 0.0270		

Table 2: d2N/dydpT (GeV/c)-1 spectra of deuterons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 0–40%. The results are presented for different pT and rapidity (y) bins. The first and second uncertainties are the statistical and total uncertainties, respectively.

ArC

p_T (GeV/c)	**0.20**	**0.30**	**0.40**	**0.50**	**0.60**	**0.70**	**0.80**	**0.90**	**1.05**	**1.30**
y										
0.9	0.270 ± 0.061 ± 0.109	0.197 ± 0.049 ± 0.068	0.117 ± 0.041 ± 0.049	0.144 ± 0.033 ± 0.038	0.105 ± 0.037 ± 0.040	0.248 ± 0.058 ± 0.066	0.161 ± 0.055 ± 0.055	0.0997 ± 0.0436 ± 0.0445	-	-
1.2	0.212	0.287	0.225	0.290	0.330	0.222	0.293	0.110	0.153	0.085

p_T (GeV/c)	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.05	1.30
y										
	± 0.034 ± 0.046	± 0.039 ± 0.057	± 0.034 ± 0.049	± 0.041 ± 0.064	± 0.043 ± 0.050	± 0.034 ± 0.050	± 0.050 ± 0.068	± 0.028 ± 0.040	± 0.041 ± 0.055	± 0.057 ± 0.058
1.4	-	0.514 ± 0.088 ± 0.156	0.560 ± 0.071 ± 0.125	0.526 ± 0.068 ± 0.144	0.492 ± 0.058 ± 0.138	0.362 ± 0.041 ± 0.104	0.368 ± 0.052 ± 0.132		0.279 ± 0.031 ± 0.109	0.139 ± 0.022 ± 0.062
1.6	-	0.974 ± 0.213 ± 0.278	0.655 ± 0.093 ± 0.122	0.900 ± 0.075 ± 0.116	0.570 ± 0.080 ± 0.171	0.421 ± 0.053 ± 0.088	0.336 ± 0.042 ± 0.069	0.365 ± 0.044 ± 0.076	0.221 ± 0.023 ± 0.058	0.105 ± 0.014 ± 0.027
1.8	-	2.25 ± 0.82 ± 0.92	1.44 ± 0.31 ± 0.66	1.38 ± 0.15 ± 0.54	1.20 ± 0.11 ± 0.60	1.10 ± 0.08 ± 0.61	0.790 ± 0.084 ± 0.516	0.814 ± 0.094 ± 0.613	0.401 ± 0.041 ± 0.257	0.115 ± 0.018 ± 0.076
2.0	-	16.5 ± 4.47 ± 4.91	7.57 ± 1.21 ± 1.84	4.05 ± 0.53 ± 1.11	1.93 ± 0.29 ± 0.77	1.74 ± 0.18 ± 0.75	0.905 ± 0.093 ± 0.435	0.606 ± 0.074 ± 0.333	0.340 ± 0.045 ± 0.201	0.120 ± 0.023 ± 0.080
2.2	-	8.17 ± 2.85 ± 6.68	6.46 ± 1.54 ± 4.66	3.88 ± 1.24 ± 3.25	2.07 ± 0.63 ± 1.52	0.618 ± 0.212 ± 0.455	0.423 ± 0.173 ± 0.319			0.0234 ±0.0092 ± 0.0177

ArAl

p_T (GeV/c)	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.05	1.30
y										
0.8	0.684 ± 0.122 ± 0.175	0.514 ± 0.075 ± 0.121	1.12 ± 0.17 ± 0.19	1.08 ± 0.15 ± 0.15	0.932 ± 0.135 ± 0.137	0.988 ± 0.153 ± 0.154	0.781 ± 0.174 ± 0.175	-	-	-
1.0	0.977 ± 0.133 ± 0.394	0.424 ± 0.078 ± 0.130	0.902 ± 0.112 ± 0.151	1.19 ± 0.16 ± 0.17	0.983 ± 0.122 ± 0.149	1.0628 ± 0.1420 ± 0.3170	0.790 ± 0.110 ± 0.111	0.845 ± 0.158 ± 0.162	0.677 ± 0.179 ± 0.181	-

p_T (GeV/c)	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.05	1.30
y										
1.2	0.633 ± 0.050 ± 0.153	0.902 ± 0.054 ± 0.198	0.969 ± 0.059 ± 0.148	0.935 ± 0.061 ± 0.185	1.15 ± 0.07 ± 0.19	1.03 ± 0.08 ± 0.10	0.992 ± 0.086 ± 0.142	0.966 ± 0.102 ± 0.139	0.755 ± 0.086 ± 0.151	0.490 ± 0.129 ± 0.131
1.4	0.798 ± 0.111 ± 0.181	1.10 ± 0.08 ± 0.18	1.07 ± 0.06 ± 0.23	1.11 ± 0.06 ± 0.20	1.18 ± 0.07 ± 0.18	1.14 ± 0.06 ± 0.19	1.07 ± 0.07 ± 0.17	0.937 ± 0.074 ± 0.154	0.871 ± 0.058 ± 0.082	0.553 ± 0.048 ± 0.090
1.6	1.24 ± 0.36 ± 0.53	1.33 ± 0.12 ± 0.42	1.35 ± 0.10 ± 0.31	1.62 ± 0.08 ± 0.30	1.67 ± 0.08 ± 0.38	1.25 ± 0.07 ± 0.28	1.28 ± 0.07 ± 0.35	1.04 ± 0.07 ± 0.31	0.791 ± 0.043 ± 0.262	0.456 ± 0.030 ± 0.165
1.8	-	5.71 ± 3.64 ± 3.66	2.31 ± 0.23 ± 0.99	2.44 ± 0.18 ± 0.31	2.15 ± 0.11 ± 0.40	2.12 ± 0.10 ± 0.36	1.54 ± 0.09 ± 0.35	1.53 ± 0.12 ± 0.35	0.849 ± 0.055 ± 0.205	0.404 ± 0.034 ± 0.107
2.0	-	20.4 ± 3.22 ± 4.87	9.23 ± 1.03 ± 2.60	5.19 ± 0.52 ± 1.86	3.86 ± 0.35 ± 1.86	2.91 ± 0.23 ± 1.54	2.12 ± 0.16 ± 1.09	1.52 ± 0.14 ± 0.81	0.837 ± 0.078 ± 0.413	0.256 ± 0.037 ± 0.146
2.2	-	19.6 ± 4.36 ± 6.08	5.51 ± 0.69 ± 1.79	8.40 ± 4.73 ± 5.78	2.72 ± 0.55 ± 1.46	2.21 ± 0.77 ± 1.28	0.316 ± 0.126 ± 0.190	0.303 ± 0.106 ± 0.176	0.224 ± 0.080 ± 0.147	0.0585 ± 0.0256 ± 0.0405

ArCu

p_T (GeV/c)	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.05	1.30
y										
0.8	0.987 ± 0.087 ± 0.111	1.42 ± 0.11 ± 0.26	1.89 ± 0.17 ± 0.36	1.96 ± 0.16 ± 0.18	1.76 ± 0.15 ± 0.16	1.95 ± 0.19 ± 0.19	2.01 ± 0.28 ± 0.28	-	-	-
1.0	0.910	1.39	1.35	1.75	1.56	1.69	1.74	1.35	1.29	-

p_T (GeV/c)	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.05	1.30
y										
	± 0.073 ± 0.163	± 0.10 ± 0.36	± 0.11 ± 0.34	± 0.14 ± 0.38	± 0.13 ± 0.27	± 0.15 ± 0.55	± 0.19 ± 0.19	± 0.16 ± 0.17	± 0.22 ± 0.22	
1.2	0.726 ± 0.037 ± 0.163	0.983 ± 0.042 ± 0.156	1.20 ± 0.05 ± 0.20	1.24 ± 0.06 ± 0.19	1.47 ± 0.07 ± 0.25	1.25 ± 0.07 ± 0.11	1.22 ± 0.08 ± 0.21	1.22 ± 0.09 ± 0.15	1.11 ± 0.10 ± 0.28	0.655 ± 0.116 ± 0.121
1.4	0.579 ± 0.048 ± 0.145	0.926 ± 0.049 ± 0.100	1.07 ± 0.05 ± 0.13	1.14 ± 0.05 ± 0.14	1.04 ± 0.05 ± 0.11	1.13 ± 0.06 ± 0.13	1.03 ± 0.06 ± 0.13	0.990 ± 0.061 ± 0.168	0.836 ± 0.042 ± 0.122	0.578 ± 0.038 ± 0.097
1.6	0.893 ± 0.159 ± 0.479	0.857 ± 0.062 ± 0.106	1.45 ± 0.08 ± 0.15	1.25 ± 0.06 ± 0.21	1.20 ± 0.05 ± 0.16	1.06 ± 0.05 ± 0.19	1.12 ± 0.06 ± 0.15	0.855 ± 0.056 ± 0.133	0.588 ± 0.030 ± 0.098	0.456 ± 0.027 ± 0.080
1.8	-	1.51 ± 0.32 ± 0.34	1.29 ± 0.11 ± 0.25	1.39 ± 0.08 ± 0.19	1.59 ± 0.08 ± 0.21	1.30 ± 0.06 ± 0.21	1.31 ± 0.07 ± 0.20	1.27 ± 0.10 ± 0.23	0.727 ± 0.048 ± 0.142	0.357 ± 0.032 ± 0.083
2.0	-	9.02 ± 2.04 ± 2.60	3.22 ± 0.31 ± 0.74	2.71 ± 0.22 ± 0.79	2.46 ± 0.23 ± 0.89	1.88 ± 0.15 ± 0.81	1.29 ± 0.11 ± 0.65	0.876 ± 0.075 ± 0.458	0.552 ± 0.050 ± 0.266	0.172 ± 0.027 ± 0.097
2.2	-	5.44 ± 1.04 ± 2.82	2.55 ± 0.45 ± 1.24	3.52 ± 1.71 ± 2.31	0.82 ± 0.17 ± 0.41	1.59 ± 0.91 ± 1.26	0.360 ± 0.114 ± 0.220	0.105 ± 0.044 ± 0.066	0.272 ± 0.097 ± 0.167	0.0377 ± 0.0171 ± 0.0263

ArSn

p_T (GeV/c) y	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.05	1.30
0.8	1.44 ± 0.08 ± 0.27	2.58 ± 0.14 ± 0.50	3.11 ± 0.19 ± 0.43	3.75 ± 0.20 ± 0.22	3.21 ± 0.19 ± 0.20	3.19 ± 0.22 ± 0.22	3.21 ± 0.31 ± 0.31	-	-	-
1.0	1.15 ± 0.07 ± 0.11	1.77 ± 0.09 ± 0.25	2.23 ± 0.14 ± 0.48	2.93 ± 0.17 ± 0.70	2.41 ± 0.15 ± 0.23	2.41 ± 0.16 ± 0.73	2.46 ± 0.18 ± 0.18	2.42 ± 0.22 ± 0.22	1.63 ± 0.21 ± 0.21	-
1.2	0.671 ± 0.026 ± 0.039	1.20 ± 0.04 ± 0.07	1.25 ± 0.05 ± 0.08	1.49 ± 0.06 ± 0.10	1.71 ± 0.07 ± 0.09	1.69 ± 0.08 ± 0.11	1.77 ± 0.10 ± 0.22	1.72 ± 0.11 ± 0.13	1.26 ± 0.09 ± 0.24	0.938 ± 0.142 ± 0.146
1.4	0.589 ± 0.040 ± 0.147	0.907 ± 0.039 ± 0.075	1.31 ± 0.05 ± 0.17	1.29 ± 0.05 ± 0.14	1.40 ± 0.06 ± 0.14	1.39 ± 0.06 ± 0.17	1.27 ± 0.07 ± 0.17	1.19 ± 0.07 ± 0.13	1.07 ± 0.05 ± 0.12	0.676 ± 0.043 ± 0.090
1.6	0.656 ± 0.091 ± 0.348	0.855 ± 0.054 ± 0.120	1.20 ± 0.06 ± 0.18	1.14 ± 0.05 ± 0.18	1.37 ± 0.06 ± 0.31	1.24 ± 0.06 ± 0.30	1.07 ± 0.06 ± 0.30	0.878 ± 0.056 ± 0.277	0.732 ± 0.038 ± 0.257	0.437 ± 0.029 ± 0.179
1.8	-	2.37 ± 0.56 ± 0.63	1.32 ± 0.10 ± 0.64	1.17 ± 0.07 ± 0.44	1.54 ± 0.08 ± 0.45	1.24 ± 0.06 ± 0.42	1.10 ± 0.06 ± 0.42	1.10 ± 0.09 ± 0.49	0.653 ± 0.045 ± 0.315	0.272 ± 0.024 ± 0.130
2.0	-	7.36 ± 1.35 ± 1.74	2.61 ± 0.23 ± 0.64	2.80 ± 0.31 ± 0.89	1.37 ± 0.11 ± 0.57	1.33 ± 0.10 ± 0.63	1.04 ± 0.09 ± 0.48	0.867 ± 0.089 ± 0.452	0.541 ± 0.0593 ± 0.245	0.185 ± 0.036 ± 0.088
2.2	-	4.05 ± 0.47 ± 0.53	1.83 ± 0.25 ± 0.29	1.38 ± 0.44 ± 0.47	0.722 ± 0.138 ± 0.165	0.697 ± 0.212 ± 0.246	0.482 ± 0.175 ± 0.301	0.154 ± 0.044 ± 0.080	0.133 ± 0.054 ± 0.073	-

ArPb

p_T (GeV/c)	**0.20**	**0.30**	**0.40**	**0.50**	**0.60**	**0.70**	**0.80**	**0.90**	**1.05**	**1.30**
y										
0.8	2.38 ± 0.12 ± 0.16	3.52 ± 0.17 ± 0.78	3.91 ± 0.21 ± 0.89	4.36 ± 0.23 ± 0.23	4.08 ± 0.23 ± 0.28	4.05 ± 0.27 ± 0.31	4.50 ± 0.41 ± 0.41	-	-	2.38 ± 0.12 ± 0.16
1.0	2.13 ± 0.11 ± 0.93	2.19 ± 0.11 ± 0.61	2.29 ± 0.14 ± 0.21	2.95 ± 0.17 ± 0.68	2.70 ± 0.17 ± 0.39	2.68 ± 0.18 ± 0.22	2.93 ± 0.23 ± 0.23	2.61 ± 0.24 ± 0.24	2.51 ± 0.36 ± 0.36	2.13 ± 0.11 ± 0.93
1.2	0.831 ± 0.034 ± 0.215	1.35 ± 0.05 ± 0.24	1.45 ± 0.05 ± 0.24	1.74 ± 0.07 ± 0.32	1.82 ± 0.08 ± 0.26	1.59 ± 0.07 ± 0.16	1.63 ± 0.09 ± 0.23	1.96 ± 0.14 ± 0.33	1.63 ± 0.13 ± 0.16	1.17 ± 0.20 ± 0.21
1.4	0.705 ± 0.053 ± 0.168	1.04 ± 0.05 ± 0.23	1.10 ± 0.05 ± 0.19	1.23 ± 0.05 ± 0.20	1.37 ± 0.07 ± 0.28	1.27 ± 0.06 ± 0.28	1.12 ± 0.06 ± 0.25	1.08 ± 0.07 ± 0.28	0.890 ± 0.047 ± 0.249	0.576 ± 0.038 ± 0.212
1.6	0.956 ± 0.178 ± 0.491	0.839 ± 0.066 ± 0.463	1.01 ± 0.06 ± 0.23	0.924 ± 0.047 ± 0.179	1.08 ± 0.05 ± 0.28	0.980 ± 0.051 ± 0.277	0.930 ± 0.055 ± 0.302	0.838 ± 0.058 ± 0.321	0.582 ± 0.038 ± 0.242	0.374 ± 0.028 ± 0.173
1.8	-	0.782 ± 0.116 ± 0.149	0.818 ± 0.091 ± 0.480	0.908 ± 0.072 ± 0.191	1.07 ± 0.07 ± 0.26	0.924 ± 0.056 ± 0.229	0.741 ± 0.048 ± 0.234	0.702 ± 0.059 ± 0.268	0.480 ± 0.039 ± 0.163	0.231 ± 0.024 ± 0.088
2.0	-	6.14 ± 1.30 ± 1.48	2.25 ± 0.31 ± 0.46	1.63 ± 0.15 ± 0.37	1.10 ± 0.09 ± 0.65	1.13 ± 0.12 ± 0.40	0.802 ± 0.073 ± 0.438	0.520 ± 0.0587 ± 0.301	0.270 ± 0.032 ± 0.154	0.136 ± 0.025 ± 0.074
2.2	-	3.04 ± 0.49 ± 0.52	1.10 ± 0.23 ± 0.24	0.964 ± 0.174 ± 0.178	1.06 ± 0.48 ± 0.53	0.235 ± 0.059 ± 0.060	0.0785 ± 0.0277 ± 0.0388	0.100 ± 0.028 ± 0.029	0.0568 ± 0.0277 ± 0.0385	-

Table 3: d2N/dydpT (GeV/c)-1 spectra of tritons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 0–40%. The results are presented for different pT and rapidity (y) bins. The first and second uncertainties are the statistical and total uncertainties, respectively.

ArC

p_T (GeV/c)	**0.30**	**0.50**	**0.70**	**0.90**	**1.15**	**1.45**
y						
1.1	0.00255 ± 0.00130 ± 0.00162	0.0117 ± 0.0034 ± 0.0046	0.00847 ± 0.00507 ± 0.00606	0.0128 ± 0.0048 ± 0.0096	0.0175 ± 0.0054 ± 0.0131	0.00187 ± 0.00127 ± 0.00174
1.4	-	0.0190 ± 0.0055 ± 0.0076	-	-	0.00894 ± 0.00537 ± 0.00792	0.0136 ± 0.0084 ± 0.0133
1.6	-	0.0590 ± 0.0379 ± 0.0420	0.0286 ± 0.0163 ± 0.0175	-	0.0185 ± 0.0061 ± 0.0091	-
1.9	-	0.138 ± 0.068 ± 0.073	0.0750 ± 0.0463 ± 0.0533	0.0887 ± 0.0395 ± 0.0512	0.0583 ± 0.0133 ± 0.0333	-

ArAl

p_T (GeV/c)	**0.30**	**0.50**	**0.70**	**0.90**	**1.15**	**1.45**
y						
1.1	0.0384 ± 0.0074 ± 0.0076	0.0400 ± 0.0076 ± 0.0085	0.0460 ± 0.0072 ± 0.0110	0.0433 ± 0.0080 ± 0.0099	0.0438 ± 0.0077 ± 0.0114	0.0258 ± 0.0052 ± 0.0116

p_T (GeV/c)	0.30	0.50	0.70	0.90	1.15	1.45
y						
1.4	0.0750 ± 0.0205 ± 0.0345	0.0376 ± 0.0083 ± 0.0115	0.0746 ± 0.0089 ± 0.0243	0.0379 ± 0.0088 ± 0.0167	0.0234 ± 0.0075 ± 0.0131	0.0189 ± 0.0065 ± 0.0123
1.6	-	0.0449 ± 0.0219 ± 0.0222	0.102 ± 0.016 ± 0.019	0.0772 ± 0.0109 ± 0.0156	0.0471 ± 0.0074 ± 0.0116	0.0269 ± 0.0070 ± 0.0099
1.9	-	0.0727 ± 0.0318 ± 0.0340	0.268 ± 0.107 ± 0.177	0.261 ± 0.117 ± 0.121	0.0885 ± 0.0110 ± 0.0178	0.0336 ± 0.0060 ± 0.0102

ArCu

p_T (GeV/c)	0.30	0.50	0.70	0.90	1.15	1.45
y						
1.1	0.0429 ± 0.0053 ± 0.0061	0.0793 ± 0.0094 ± 0.0112	0.0623 ± 0.0067 ± 0.0099	0.0743 ± 0.0087 ± 0.0157	0.0869 ± 0.0103 ± 0.0203	0.0657 ± 0.0235 ± 0.0306
1.4	0.0425 ± 0.0177 ± 0.0210	0.0500 ± 0.0058 ± 0.0070	0.0672 ± 0.0065 ± 0.0117	0.0758 ± 0.0078 ± 0.0172	0.0489 ± 0.0062 ± 0.0152	0.0279 ± 0.0049 ± 0.0085
1.6	0.0834 ± 0.0370 ± 0.0449	0.0493 ± 0.0134 ± 0.0147	0.0906 ± 0.0110 ± 0.0203	0.0660 ± 0.0080 ± 0.0184	0.0685 ± 0.0078 ± 0.0224	0.0244 ± 0.0065 ± 0.0111

p_T (GeV/c)	0.30	0.50	0.70	0.90	1.15	1.45
y						
1.9	0.0347 ± 0.0134 ± 0.0161	0.0798 ± 0.0326 ± 0.0428	0.136 ± 0.034 ± 0.036	0.128 ± 0.021 ± 0.022	0.0429 ± 0.0055 ± 0.0142	0.0404 ± 0.0083 ± 0.0160

ArSn

p_T (GeV/c)	0.30	0.50	0.70	0.90	1.15	1.45
y						
1.1	0.0732 ± 0.0055 ± 0.0076	0.124 ± 0.009 ± 0.010	0.124 ± 0.009 ± 0.012	0.133 ± 0.010 ± 0.018	0.127 ± 0.011 ± 0.019	0.176 ± 0.060 ± 0.065
1.4	0.0704 ± 0.0134 ± 0.0324	0.0602 ± 0.0059 ± 0.0094	0.0623 ± 0.0054 ± 0.0130	0.0525 ± 0.0064 ± 0.0116	0.0502 ± 0.0050 ± 0.0150	0.0430 ± 0.0058 ± 0.0139
1.6	0.113 ± 0.044 ± 0.055	0.0426 ± 0.0087 ± 0.0154	0.0603 ± 0.0070 ± 0.0130	0.0715 ± 0.0082 ± 0.0197	0.0408 ± 0.0049 ± 0.0132	0.0259 ± 0.0047 ± 0.0115
1.9	0.0182 ± 0.0096 ± 0.0128	0.0515 ±0.0147 ± 0.0160	0.0876 ± 0.0168 ± 0.0187	0.0637 ± 0.0114 ± 0.0153	0.0453 ± 0.0076 ± 0.0224	0.0199 ± 0.0058 ± 0.0078

ArPb

p_T (GeV/c)	**0.30**	**0.50**	**0.70**	**0.90**	**1.15**	**1.45**
y						
1.1	0.109 ± 0.009 ± 0.011	0.135 ± 0.011 ± 0.017	0.138 ± 0.013 ± 0.023	0.120 ± 0.012 ± 0.026	0.186 ± 0.020 ± 0.058	0.0643 ± 0.0214 ± 0.0403
1.4	0.0304 ± 0.0092 ± 0.0140	0.0385 ± 0.0056 ± 0.0083	0.0737 ± 0.0068 ± 0.0132	0.0615 ± 0.0063 ± 0.0144	0.0377 ± 0.0047 ± 0.0094	0.0324 ± 0.0068 ± 0.0110
1.6	-	0.0464 ± 0.0092 ± 0.0108	0.0383 ± 0.0073 ± 0.0082	0.0424 ± 0.0065 ± 0.0078	0.0264 ± 0.0044 ± 0.0048	0.0308 ± 0.0051 ± 0.0091
1.9	0.0321 ± 0.0141 ± 0.0166	0.0239 ± 0.0082 ± 0.0094	0.0794 ± 0.0192 ± 0.0239	0.0442 ± 0.0077 ± 0.0199	0.0216 ± 0.0046 ± 0.0108	0.0340 ± 0.0077 ± 0.0185

Table 4: dN/dy spectra of protons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 0–40%. The results are integrated over pT and presented for different y bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	**ArC**	**ArAl**	**ArCu**	**ArSn**	**ArPb**
y					
1.0	2.89 ±0.15 ±0.17	9.74 ± 0.24 ± 0.30	14.0 ± 0.25 ± 0.26	21.1 ± 0.30 ± 0.52	22.2 ± 0.34 ± 0.39
1.2	3.44 ± 0.11	10.5 ± 0.16	13.9 ± 0.17	19.5 ± 0.23	19.1 ± 0.26

System	ArC	ArAl	ArCu	ArSn	ArPb
y					
	± 0.11	± 0.21	± 0.17	± 0.38	± 0.23
	3.97	10.2	12.3	15.1	13.7
1.4	± 0.07	± 0.10	± 0.11	± 0.11	± 0.13
	± 0.13	± 0.20	± 0.20	± 0.36	± 0.32
	4.70	10.8	11.1	12.3	10.9
1.6	± 0.05	± 0.05	± 0.05	± 0.06	± 0.06
	± 0.23	± 0.16	± 0.18	± 0.44	± 0.46
	6.20	11.9	10.4	10.2	8.74
1.8	± 0.05	± 0.05	± 0.04	± 0.04	± 0.04
	± 0.43	± 0.51	± 0.51	± 0.34	± 0.26
	8.44	13.3	9.83	8.86	7.44
2.0	± 0.07	± 0.06	± 0.04	± 0.04	± 0.04
	± 0.85	± 1.39	± 0.57	± 0.48	± 0.38
	5.83	8.05	5.43	4.64	3.75
2.2	± 0.09	± 0.06	± 0.04	± 0.03	± 0.03
	± 0.32	± 0.31	± 0.62	± 0.7	± 0.40
	1.99	2.52	1.56	1.19	1.00
2.4	± 0.10	± 0.08	± 0.04	± 0.03	± 0.03
	± 0.19	± 0.09	± 0.05	± 0.05	± 0.06

Table 5: dN/dy spectra of deuterons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 0–40%. The results are integrated over pT and presented for different y bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	**ArC**	**System**	**ArAl**	**ArCu**	**ArSn**	**ArPb**
y		**y**				
0.9	0.139 ± 0.023 ± 0.023	**0.8**	1.05 ± 0.20 ± 0.08	2.11 ± 0.24 ± 0.17	3.91 ± 0.34 ± 0.30	4.31 ± 0.27 ± 0.25
		1.0	1.06 ± 0.11 ± 0.02	1.83 ± 0.12 ± 0.09	2.87 ± 0.15 ± 0.09	3.10 ± 0.16 ± 0.29
1.2	0.239 ± 0.015 ± 0.016	**1.2**	1.16 ± 0.05 ± 0.07	1.52 ± 0.06 ± 0.08	2.14 ± 0.08 ± 0.10	2.19 ± 0.09 ± 0.16
1.4	0.461 ± 0.021 ± 0.054	**1.4**	1.31 ± 0.04 ± 0.06	1.30 ± 0.03 ± 0.07	1.60 ± 0.04 ± 0.07	1.41 ± 0.03 ± 0.14
1.6	0.526 ± 0.024 ± 0.033	**1.6**	1.45 ± 0.03 ± 0.13	1.18 ± 0.02 ± 0.06	1.24 ± 0.02 ± 0.13	1.05 ± 0.02 ± 0.12
1.8	1.08 ± 0.05 ± 0.21	**1.8**	1.97 ± 0.05 ± 0.14	1.38 ± 0.03 ± 0.07	1.24 ± 0.03 ± 0.16	0.894 ± 0.024 ± 0.082
2.0	2.00 ± 0.20 ± 0.91	**2.0**	3.45 ± 0.17 ± 0.84	1.99 ± 0.08 ± 0.26	1.42 ± 0.06 ± 0.23	1.09 ± 0.05 ± 0.15
2.2	3.65 ± 0.71 ± 1.80	**2.2**	3.36 ± 0.38 ± 0.93	1.52 ± 0.23 ± 0.46	1.19 ± 0.11 ± 0.09	0.819 ± 0.103 ± 0.023

Table 6: dN/dy spectra of tritons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 0–40%. The results are integrated over pT and presented for different y bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	**ArC**	**ArAl**	**ArCu**	**ArSn**	**ArPb**
y					
1.1	0.00858 ± 0.00182 ± 0.00171	0.0643 ± 0.0057 ± 0.0076	0.133 ± 0.023 ± 0.019	0.209 ± 0.020 ± 0.023	0.192 ± 0.015 ± 0.020
1.4	0.0213 ± 0.0058 ± 0.0061	0.0574 ± 0.0054 ± 0.0081	0.0820 ± 0.0049 ± 0.0081	0.0856 ± 0.0052 ± 0.0101	0.0735 ± 0.0050 ± 0.0083
1.6	0.0364 ± 0.0114 ± 0.0062	0.0924 ± 0.0080 ± 0.0064	0.0934 ± 0.0062 ± 0.0107	0.0736 ± 0.0046 ± 0.0091	0.0554 ± 0.0049 ± 0.0017
1.9	0.109 ± 0.023 ± 0.023	0.137 ± 0.018 ± 0.012	0.0889 ± 0.0082 ± 0.0113	0.0709 ± 0.0067 ± 0.0069	0.0489 ± 0.0057 ± 0.0117

Table 7: Inverse slope T0 (GeV) from the fit d2N/dydmT = C·mT·exp(-(mT-mp)/T0) for protons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 0–40% The results are presented for different y bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	**ArC**	**ArAl**	**ArCu**	**ArSn**	**ArPb**
y					
1.0	0.158 ± 0.012 ± 0.014	0.162 ± 0.006 ± 0.006	0.159 ± 0.004 ± 0.003	0.159 ± 0.003 ± 0.005	0.145 ± 0.003 ± 0.004

System	ArC	ArAl	ArCu	ArSn	ArPb
1.2	0.163 ± 0.007 ± 0.007	0.173 ± 0.004 ± 0.004	0.174 ± 0.003 ± 0.003	0.185 ± 0.003 ± 0.005	0.177 ± 0.003 ± 0.003
1.4	0.134 ± 0.003 ± 0.007	0.160 ± 0.002 ± 0.003	0.171 ± 0.002 ± 0.003	0.171 ± 0.002 ± 0.004	0.169 ± 0.002 ± 0.007
1.6	0.107 ± 0.002 ± 0.006	0.136 ± 0.001 ± 0.002	0.147 ± 0.001 ± 0.002	0.150 ± 0.001 ± 0.005	0.151 ± 0.001 ± 0.007
1.8	0.0944 ± 0.0009 ± 0.0056	0.112 ± 0.001 ± 0.004	0.121 ± 0.001 ± 0.006	0.124 ± 0.001 ± 0.004	0.129 ± 0.001 ± 0.003
2.0	0.0649 ± 0.0008 ± 0.0051	0.0820 ± 0.0005 ± 0.0049	0.0870 ± 0.0005 ± 0.0043	0.0914 ± 0.0005 ± 0.0045	0.0958 ± 0.0007 ± 0.0037
2.2	0.0586 ± 0.0009 ± 0.0020	0.0659 ± 0.0006 ± 0.0018	0.0727 ± 0.0007 ± 0.0044	0.0728 ± 0.0007 ± 0.0059	0.0739 ± 0.0009 ± 0.0049
2.4	0.0571 ± 0.0020 ± 0.0017	0.0605 ± 0.0017 ± 0.0014	0.0725 ± 0.0021 ± 0.0015	0.0716 ± 0.0022 ± 0.0018	0.0673 ± 0.0020 ± 0.0022

Table 8: Inverse slope T0 (GeV) from the fit d2N/dydmT = C·mT·exp(-(mT-md)/T0) for deuterons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 0–40%. The results are presented for different y bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	**ArC**	**System**	**ArAl**	**ArCu**	**ArSn**	**ArPb**
y		**y**				
		0.8	0.198 ± 0.049 ± 0.079	0.189 ± 0.028 ± 0.026	0.213 ± 0.022 ± 0.012	0.163 ± 0.014 ± 0.016
0.9	0.120 ± 0.038 ± 0.048					
		1.0	0.200 ± 0.030 ± 0.017	0.187 ± 0.017 ± 0.022	0.208 ± 0.014 ± 0.015	0.178 ± 0.013 ± 0.035
1.2	0.116 ± 0.012 ± 0.013	**1.2**	0.182 ± 0.012 ± 0.021	0.200 ± 0.010 ± 0.020	0.256 ± 0.012 ± 0.014	0.230 ± 0.012 ± 0.030
1.4	0.149 ± 0.011 ± 0.026	**1.4**	0.191 ± 0.009 ± 0.015	0.201 ± 0.007 ± 0.015	0.217 ± 0.007 ± 0.013	0.190 ± 0.006 ± 0.027
1.6	0.114 ± 0.006 ± 0.010	**1.6**	0.153 ± 0.005 ± 0.021	0.156 ± 0.005 ± 0.011	0.171 ± 0.005 ± 0.023	0.169 ± 0.006 ± 0.031
1.8	0.102 ± 0.004 ± 0.017	**1.8**	0.123 ± 0.004 ± 0.011	0.148 ± 0.005 ± 0.011	0.138 ± 0.004 ± 0.020	0.145 ± 0.006 ± 0.018
2.0	0.0687 ± 0.0048 ± 0.0101	**2.0**	0.0821 ± 0.0033 ± 0.0131	0.0864 ± 0.0032 ± 0.0107	0.0997 ± 0.0053 ± 0.0129	0.0880 ± 0.0043 ± 0.0122
2.2	0.0318 ± 0.0034 ± 0.0080	**2.2**	0.0387 ± 0.0029 ± 0.0038	0.0384 ± 0.0044 ± 0.0063	0.0432 ± 0.0045 ± 0.0037	0.0363 ± 0.0028 ± 0.0017

Table 9: Inverse slope T0 (GeV) from the fit d2N/dydmT = C·mT·exp(-(mT-mt)/T0) for tritons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 0–40%. The results are presented for different y bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	**ArC**	**ArAl**	**ArCu**	**ArSn**	**ArPb**
y					
1.1	0.173 ±0.038 ± 0.044	0.196 ± 0.028 ± 0.033	0.304 ± 0.069 ± 0.042	0.279 ± 0.038 ± 0.039	0.183 ± 0.022 ± 0.021
1.4	0.142 ± 0.059 ± 0.030	0.129 ± 0.020 ± 0.031	0.184 ± 0.017 ± 0.026	0.217 ± 0.025 ±0.039	0.193 ± 0.022 ± 0.036
1.6	0.124 ± 0.059 ± 0.010	0.142 ± 0.019 ± 0.018	0.167 ± 0.019 ± 0.029	0.183 ± 0.021 ± 0.040	0.210 ± 0.042 ± 0.044
1.9	0.134 ± 0.052 ± 0.034	0.140 ± 0.017 ± 0.022	0.159 ± 0.026 ± 0.020	0.181 ± 0.025 ± 0.020	0.203 ± 0.054 ± 0.066

Table 10: d2N/dydpT (GeV/c)-1 spectra of protons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 40–80%. The results are presented for different pT and rapidity (y) bins. The first and second uncertainties are the statistical and total uncertainties, respectively.

ArC

p_T (GeV/c)	**0.15**	**0.25**	**0.35**	**0.45**	**0.55**	**0.65**	**0.75**	**0.85**	**0.95**	**1.1**
y										
1.0	0.704 ± 0.074 ± 0.082	0.944 ± 0.056 ± 0.069	1.54 ± 0.10 ± 0.13	1.05 ± 0.07 ± 0.11	1.03 ± 0.08 ± 0.11	1.11 ± 0.10 ± 0.11	-	-	-	-
1.2	0.766	0.878	1.03	1.30	1.08	1.12	0.486	0.820	-	-

p_T (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
y										
	± 0.075 ± 0.085	± 0.049 ± 0.071	± 0.06 ± 0.10	± 0.08 ± 0.14	± 0.07 ± 0.22	± 0.09 ± 0.12	± 0.047 ± 0.101	± 0.114 ± 0.145		
1.4	1.30 ± 0.04 ± 0.12	1.54 ± 0.04 ± 0.16	1.46 ± 0.04 ± 0.16	1.53 ± 0.06 ± 0.16	1.22 ± 0.07 ± 0.18	1.36 ± 0.09 ± 0.14	0.772 ± 0.060 ± 0.102	0.584 ± 0.200 ± 0.209	0.479 ± 0.061 ± 0.091	0.334 ± 0.061 ± 0.104
1.6	3.02 ± 0.08 ± 0.47	2.72 ± 0.06 ± 0.58	2.24 ± 0.05 ± 0.52	1.78 ± 0.05 ± 0.56	1.72 ± 0.05 ± 0.60	1.29 ± 0.04 ± 0.54	0.762 ± 0.035 ± 0.273	0.573 ± 0.036 ± 0.204	0.287 ± 0.025 ± 0.103	0.0366 ± 0.0054 ± 0.0156
1.8	4.67 ± 0.14 ± 0.82	4.88 ± 0.09 ± 0.82	3.66 ± 0.07 ± 0.73	2.75 ± 0.06 ± 0.59	1.89 ± 0.05 ± 0.43	1.28 ± 0.05 ± 0.27	0.825 ± 0.030 ± 0.193	0.417 ± 0.020 ± 0.111	0.207 ± 0.014 ± 0.065	0.142 ± 0.009 ± 0.041
2.0	12.3 ± 0.30 ± 1.68	9.00 ± 0.17 ± 1.16	5.63 ± 0.09 ± 1.00	3.78 ± 0.08 ± 0.83	2.03 ± 0.05 ± 0.44	1.18 ± 0.07 ± 0.31	0.754 ± 0.039 ± 0.207	0.391 ± 0.026 ± 0.121	0.127 ± 0.037 ± 0.051	0.0651 ± 0.0066 ± 0.0235
2.2	-	7.08 ± 0.16 ± 0.71	4.14 ± 0.10 ± 0.53	2.18 ± 0.06 ± 0.23	1.27 ± 0.06 ± 0.21	0.563 ± 0.028 ± 0.083	0.218 ± 0.022 ± 0.039	0.0830 ± 0.0127 ± 0.0136	0.0616 ± 0.0098 ± 0.0111	-
2.4	-	2.56 ± 0.20 ± 0.23	1.44 ± 0.10 ± 0.13	0.676 ± 0.074 ± 0.089	0.532 ± 0.051 ± 0.060	0.133 ± 0.012 ± 0.028	0.128 ± 0.021 ± 0.031	0.0106 ± 0.00352 ± 0.00375	0.00182 ± 0.00109 ± 0.00132	0.000250 ± 0.000112 ± 0.000136

ArAl

p_T (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
y										
1.0	2.33 ± 0.14	2.46 ± 0.08	2.68 ± 0.10	3.35 ± 0.13	2.32 ± 0.09	2.05 ± 0.10	-	-	-	-

p_T (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
y										
	± 0.16	± 0.11	± 0.16	± 0.25	± 0.18	± 0.18				
	1.69	2.08	2.84	3.53	2.41	2.10	1.94	1.26		
1.2	± 0.08	± 0.06	± 0.09	± 0.12	± 0.09	± 0.09	± 0.10	± 0.10	-	-
	± 0.10	± 0.14	± 0.16	± 0.26	± 0.18	± 0.18	± 0.17	± 0.19		
	2.31	2.50	3.10	3.11	2.88	2.44	1.61	1.35	1.02	0.342
1.4	± 0.04	± 0.03	± 0.05	± 0.07	± 0.08	± 0.09	± 0.07	± 0.07	± 0.07	± 0.062
	± 0.17	± 0.12	± 0.14	± 0.20	± 0.22	± 0.26	± 0.21	± 0.18	± 0.15	± 0.076
	3.88	4.42	3.81	3.53	2.97	2.49	1.66	1.24	1.08	0.284
1.6	± 0.06	± 0.05	± 0.04	± 0.05	± 0.05	± 0.05	± 0.04	± 0.04	± 0.06	± 0.032
	± 0.15	± 0.24	± 0.26	± 0.29	± 0.31	± 0.28	± 0.22	± 0.21	± 0.18	± 0.062
	6.27	7.57	6.30	5.12	4.07	2.88	1.76	0.947	0.643	0.258
1.8	± 0.09	± 0.08	± 0.06	± 0.06	± 0.05	± 0.04	± 0.03	± 0.0251	± 0.021	± 0.010
	± 0.39	± 0.50	± 0.55	± 0.47	± 0.403	± 0.32	± 0.20	± 0.118	± 0.088	± 0.035
	17.6	12.6	9.64	7.14	4.69	2.39	1.38	0.744	0.282	0.0918
2.0	± 0.26	± 0.12	± 0.08	± 0.07	± 0.06	± 0.05	± 0.04	± 0.0332	± 0.017	± 0.0173
	± 2.86	± 2.22	± 2.19	± 1.56	± 1.171	± 0.53	± 0.35	± 0.181	± 0.068	± 0.0292
		10.18	6.18	3.92	2.35	1.15	0.540	0.1708	0.0848	0.0192
2.2	-	± 0.14	± 0.09	± 0.07	± 0.05	± 0.04	± 0.033	± 0.0209	± 0.0190	± 0.0070
		± 0.61	± 0.45	± 0.32	± 0.23	± 0.14	± 0.074	± 0.0317	± 0.0232	± 0.0086
		3.30	1.82	1.18	0.588	0.332	0.0862			
2.4	-	± 0.18	± 0.10	± 0.06	± 0.042	± 0.026	± 0.0156	-		-
		± 0.23	± 0.12	± 0.10	± 0.053	± 0.033	± 0.0245			

ArCu

p_T (GeV/c)	**0.15**	**0.25**	**0.35**	**0.45**	**0.55**	**0.65**	**0.75**	**0.85**	**0.95**	**1.1**
y										
1.0	2.12 ± 0.10 ± 0.11	3.16 ± 0.08 ± 0.11	3.50 ± 0.11 ± 0.20	3.96 ± 0.13 ± 0.25	2.86 ± 0.09 ± 0.23	2.50 ± 0.10 ± 0.23	-	-	-	-
1.2	1.86 ± 0.07 ± 0.11	2.46 ± 0.06 ± 0.15	3.44 ± 0.09 ± 0.19	3.91 ± 0.11 ± 0.24	2.85 ± 0.09 ± 0.22	2.45 ± 0.09 ± 0.21	1.93 ± 0.08 ± 0.25	1.39 ± 0.10 ± 0.18	-	-
1.4	2.41 ± 0.03 ± 0.16	2.97 ± 0.03 ± 0.19	3.28 ± 0.05 ± 0.27	3.69 ± 0.07 ± 0.31	3.28 ± 0.09 ± 0.29	2.69 ± 0.09 ± 0.26	2.08 ± 0.08 ± 0.21	1.40 ± 0.08 ± 0.18	0.981 ± 0.070 ± 0.146	0.562 ± 0.051 ± 0.105
1.6	3.70 ± 0.05 ± 0.21	4.08 ± 0.04 ± 0.26	3.98 ± 0.04 ± 0.30	3.81 ± 0.05 ± 0.31	3.28 ± 0.05 ± 0.31	2.66 ± 0.04 ± 0.28	1.89 ± 0.04 ± 0.24	1.41 ± 0.04 ± 0.19	0.965 ± 0.041 ± 0.147	0.488 ± 0.030 ± 0.090
1.8	5.68 ± 0.07 ± 0.32	6.87 ± 0.07 ± 0.47	5.95 ± 0.05 ± 0.54	4.84 ± 0.05 ± 0.50	3.89 ± 0.05 ± 0.48	2.88 ± 0.04 ± 0.40	1.87 ± 0.03 ± 0.29	1.12 ± 0.03 ± 0.22	0.685 ± 0.024 ± 0.132	0.330 ± 0.011 ± 0.070
2.0	15.9 ± 0.24 ± 1.09	11.0 ± 0.10 ± 1.06	8.41 ± 0.07 ± 0.94	6.15 ± 0.06 ± 0.86	4.19 ± 0.05 ± 0.77	2.31 ± 0.04 ± 0.42	1.46 ± 0.04 ± 0.31	0.639 ± 0.030 ± 0.145	0.381 ± 0.023 ± 0.101	0.166 ± 0.014 ± 0.044
2.2	-	8.85 ± 0.13 ± 1.23	5.26 ± 0.07 ± 1.10	3.69 ± 0.06 ± 1.02	1.89 ± 0.04 ± 0.54	1.20 ± 0.04 ± 0.31	0.696 ± 0.031 ± 0.204	0.255 ± 0.033 ± 0.078	0.165 ± 0.015 ± 0.047	0.0431 ± 0.0105 ± 0.0164
2.4	-	2.60 ± 0.14 ± 0.16	1.76 ± 0.08 ± 0.09	1.31 ± 0.06 ± 0.08	0.559 ± 0.037 ± 0.044	0.350 ± 0.031 ± 0.047	0.191 ± 0.024 ± 0.026	0.0312 ± 0.0131 ± 0.0133	-	-

ArSn

p_T (GeV/c)	**0.15**	**0.25**	**0.35**	**0.45**	**0.55**	**0.65**	**0.75**	**0.85**	**0.95**	**1.1**
y										
1.0	3.31 ± 0.13 ± 0.18	4.32 ± 0.09 ± 0.29	4.52 ± 0.11 ± 0.41	5.49 ± 0.14 ± 0.47	4.30 ± 0.12 ± 0.41	3.67 ± 0.13 ± 0.36	-	-	-	-
1.2	2.54 ± 0.07 ± 0.17	3.68 ± 0.08 ± 0.31	4.21 ± 0.10 ± 0.38	5.17 ± 0.13 ± 0.44	4.09 ± 0.11 ± 0.39	3.51 ± 0.10 ± 0.34	2.91 ± 0.11 ± 0.31	2.12 ± 0.13 ± 0.29	-	-
1.4	3.29 ± 0.04 ± 0.23	3.87 ± 0.04 ± 0.34	4.48 ± 0.06 ± 0.41	4.82 ± 0.09 ± 0.43	3.94 ± 0.09 ± 0.45	3.15 ± 0.09 ± 0.37	2.90 ± 0.09 ± 0.37	2.09 ± 0.09 ± 0.27	1.06 ± 0.06 ± 0.23	0.846 ± 0.069 ± 0.186
1.6	4.59 ± 0.06 ± 0.30	5.06 ± 0.05 ± 0.45	4.91 ± 0.05 ± 0.47	4.75 ± 0.05 ± 0.45	4.18 ± 0.05 ± 0.46	3.24 ± 0.05 ± 0.37	2.61 ± 0.05 ± 0.34	1.84 ± 0.05 ± 0.28	1.06 ± 0.05 ± 0.22	0.704 ± 0.034 ± 0.154
1.8	6.42 ± 0.08 ± 0.41	7.57 ± 0.07 ± 0.59	6.93 ± 0.06 ± 0.60	5.73 ± 0.06 ± 0.57	4.64 ± 0.05 ± 0.53	3.35 ± 0.05 ± 0.45	2.22 ± 0.04 ± 0.29	1.33 ± 0.03 ± 0.20	0.877 ± 0.029 ± 0.164	0.445 ± 0.014 ± 0.092
2.0	15.5 ± 0.19 ± 1.31	11.7 ± 0.10 ± 1.17	9.15 ± 0.07 ± 1.10	7.07 ± 0.07 ± 1.06	5.03 ± 0.06 ± 0.95	2.64 ± 0.05 ± 0.54	1.69 ± 0.04 ± 0.41	0.895 ± 0.03 ± 0.246	0.531 ± 0.033 ± 0.161	0.150 ± 0.012 ± 0.054
2.2	-	8.71 ± 0.11 ± 1.51	6.10 ± 0.08 ± 1.56	4.36 ± 0.06 ± 1.47	2.51 ± 0.05 ± 0.93	1.29 ± 0.04 ± 0.42	0.628 ± 0.026 ± 0.238	0.371 ± 0.0283 ± 0.135	0.148 ± 0.021 ± 0.056	0.0220 ± 0.0123 ± 0.0148
2.4	-	2.64 ± 0.13 ± 0.19	2.03 ± 0.09 ± 0.16	1.35 ± 0.07 ± 0.14	0.738 ± 0.053 ± 0.090	0.561 ± 0.050 ± 0.083	0.176 ± 0.025 ± 0.045	0.0442 ± 0.0288 ± 0.0316	0.0940 ± 0.0603 ± 0.0662	0.0147 ± 0.0080 ± 0.0089

ArPb

p_T (GeV/c)	**0.15**	**0.25**	**0.35**	**0.45**	**0.55**	**0.65**	**0.75**	**0.85**	**0.95**	**1.1**
y										
1.0	3.72 ± 0.15 ± 0.35	5.51 ± 0.12 ± 0.30	5.83 ± 0.15 ± 0.42	5.63 ± 0.15 ± 0.52	4.74 ± 0.14 ± 0.30	4.57 ± 0.16 ± 0.33	-	-	-	-
1.2	3.14 ± 0.10 ± 0.24	4.38 ± 0.10 ± 0.29	5.27 ± 0.13 ± 0.37	5.16 ± 0.14 ± 0.48	4.37 ± 0.12 ± 0.28	4.24 ± 0.14 ± 0.30	3.37 ± 0.13 ± 0.35	2.16 ± 0.14 ± 0.33	-	-
1.4	3.29 ± 0.04 ± 0.30	4.18 ± 0.04 ± 0.35	4.72 ± 0.06 ± 0.43	4.90 ± 0.09 ± 0.44	4.29 ± 0.11 ± 0.40	3.36 ± 0.10 ± 0.35	3.19 ± 0.12 ± 0.33	2.05 ± 0.10 ± 0.30	1.51 ± 0.08 ± 0.21	0.976 ± 0.083 ± 0.143
1.6	4.75 ± 0.06 ± 0.32	5.62 ± 0.06 ± 0.40	5.54 ± 0.06 ± 0.46	5.46 ± 0.07 ± 0.49	4.72 ± 0.07 ± 0.43	3.78 ± 0.07 ± 0.39	2.97 ± 0.07 ± 0.33	2.45 ± 0.07 ± 0.32	1.43 ± 0.06 ± 0.21	0.744 ± 0.061 ± 0.108
1.8	6.26 ± 0.09 ± 0.48	7.97 ± 0.08 ± 0.74	7.88 ± 0.08 ± 0.78	6.68 ± 0.08 ± 0.73	5.24 ± 0.07 ± 0.62	4.04 ± 0.06 ± 0.50	2.77 ± 0.05 ± 0.44	1.63 ± 0.04 ± 0.25	1.11 ± 0.04 ± 0.20	0.501 ± 0.018 ± 0.099
2.0	16.0 ± 0.27 ± 1.76	12.8 ± 0.14 ± 1.41	9.91 ± 0.10 ± 1.17	7.85 ± 0.08 ± 1.23	5.73 ± 0.08 ± 1.08	3.37 ± 0.06 ± 0.65	2.10 ± 0.05 ± 0.49	1.11 ± 0.04 ± 0.28	0.605 ± 0.034 ± 0.168	0.220 ± 0.023 ± 0.072
2.2	-	9.20 ± 0.15 ± 1.04	6.91 ± 0.10 ± 1.10	4.70 ± 0.08 ± 0.99	2.85 ± 0.06 ± 0.73	1.52 ± 0.05 ± 0.47	0.729 ± 0.042 ± 0.226	0.461 ± 0.051 ± 0.134	0.228 ± 0.085 ± 0.110	0.0676 ± 0.0262 ± 0.0329
2.4	-	3.44 ± 0.20 ± 0.25	2.11 ± 0.12 ± 0.14	1.90 ± 0.10 ± 0.14	0.957 ± 0.080 ± 0.088	0.488 ± 0.046 ± 0.057	0.169 ± 0.025 ± 0.031	0.0797 ± 0.0201 ± 0.0275	0.0940 ±0.0603 ± 0.0662	

Table 11: d2N/dydpT (GeV/c)-1 spectra of deuterons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 40–80%. The results are presented for different pT and rapidity (y) bins. The first and second uncertainties are the statistical and total uncertainties, respectively.

ArC

p_T (GeV/c)	**0.20**	**0.30**	**0.40**	**0.50**	**0.60**	**0.70**	**0.80**	**0.90**	**1.05**	**1.30**
y										
0.9	0.0385 ± 0.0118 ± 0.0181	0.0797 ± 0.0400 ± 0.0720	0.0328 ± 0.0143 ± 0.0146	0.0425 ± 0.0247 ± 0.0247	0.0302 ± 0.0140 ± 0.0175	0.0964 ± 0.0525 ± 0.0755	0.00536 ± 0.00339 ± 0.00346	-	-	-
1.2	0.0302 ± 0.0122 ± 0.0201	0.0227 ± 0.0066 ± 0.0099	0.0511 ± 0.0139 ± 0.0189	0.0288 ± 0.0107 ± 0.0118	0.0322 ± 0.0064 ± 0.0071	0.0415 ± 0.0112 ± 0.0166	0.0121 ± 0.0045 ± 0.0069	0.00926 ± 0.00391 ± 0.00470	0.0540 ± 0.0260 ± 0.0292	-
1.4	-	0.142 ± 0.068 ± 0.090	0.137 ± 0.035 ± 0.055	0.0309 ± 0.0085 ± 0.0107	0.123 ± 0.031 ± 0.062	0.0534 ± 0.0091 ± 0.0205	0.0117 ± 0.0034 ± 0.0064	0.00471 ± 0.00212 ± 0.00287	0.123 ± 0.027 ± 0.069	0.00601 ± 0.00181 ± 0.00370
1.6	0.186 ± 0.061 ± 0.071	0.0998 ± 0.0338 ± 0.0342	0.146 ± 0.023 ± 0.040	0.163 ± 0.022 ± 0.033	0.166 ± 0.029 ± 0.056	0.0733 ± 0.0095 ± 0.0164	0.0219 ± 0.0047 ± 0.0096	0.0741 ± 0.0134 ± 0.0201	0.0283 ± 0.0069 ± 0.0111	0.00987 ± 0.00194 ± 0.00348
1.8	-	0.967 ± 0.397 ± 0.457	0.654 ± 0.137 ± 0.157	0.586 ± 0.094 ± 0.187	0.261 ± 0.040 ± 0.090	0.133 ± 0.019 ± 0.057	0.0519 ± 0.0122 ± 0.0248	0.184 ± 0.037 ± 0.079	0.0235 ± 0.0032 ± 0.0105	0.0124 ± 0.0029 ± 0.0085
2.0	-	6.24 ± 2.85 ± 2.97	2.88 ± 0.86 ± 1.09	1.15 ± 0.14 ± 0.35	1.06 ± 0.19 ± 0.41	0.329 ± 0.062 ± 0.163	0.122 ± 0.028 ± 0.071	0.0412 ± 0.0079 ± 0.0251	0.0256 ± 0.0040 ± 0.0171	0.0101 ± 0.0055 ± 0.0092
2.2	-	1.89 ± 1.20 ± 1.31	-	-	0.563 ± 0.363 ± 0.368	-	-	-	0.00761 ± 0.00356 ± 0.00402	-

ArAl

p_T (GeV/c)	**0.20**	**0.30**	**0.40**	**0.50**	**0.60**	**0.70**	**0.80**	**0.90**	**1.05**	**1.30**
y										
0.8	0.0904 ± 0.0286 ± 0.0364	0.0984 ± 0.0263 ± 0.0374	0.195 ± 0.068 ± 0.068	0.201 ± 0.056 ± 0.058	0.133 ± 0.044 ± 0.045	0.161 ± 0.063 ± 0.067				
1.0	0.122 ± 0.045 ± 0.050		0.0901 ± 0.0246 ± 0.0256	0.148 ± 0.043 ± 0.044	0.104 ± 0.032 ± 0.034	0.120 ± 0.042 ± 0.045	0.199 ± 0.078 ± 0.084	0.115 ± 0.049 ± 0.049		
1.2	0.0616 ± 0.0114 ± 0.0135	0.124 ± 0.023 ± 0.034	0.212 ± 0.044 ± 0.059	0.0888 ± 0.0144 ± 0.0178	0.185 ± 0.027 ± 0.041	0.160 ± 0.037 ± 0.050	0.0925 ± 0.0198 ± 0.0249		0.110 ± 0.035 ± 0.036	
1.4	0.0917 ± 0.0228 ± 0.0273	0.170 ± 0.033 ± 0.041	0.201 ±0.025 ± 0.039	0.194 ± 0.023 ± 0.036	0.179 ± 0.023 ± 0.030	0.181 ± 0.023 ± 0.037	0.102 ± 0.013 ± 0.020	0.0988 ± 0.0152 ± 0.0217	0.113 ± 0.016 ± 0.024	0.0620 ± 0.0127 ± 0.0203
1.6		0.469 ± 0.126 ± 0.160	0.311 ± 0.045 ± 0.058	0.302 ± 0.032 ± 0.065	0.274 ± 0.024 ± 0.060	0.225 ± 0.024 ± 0.057	0.190 ± 0.024 ± 0.056	0.0887 ± 0.0121 ± 0.0314	0.0638 ± 0.0075 ± 0.0249	0.0649 ± 0.0107 ± 0.0279
1.8			0.425 ± 0.117 ± 0.172	0.599 ± 0.059 ± 0.257	0.433 ± 0.041 ± 0.190	0.442 ± 0.048 ± 0.203	0.345 ± 0.034 ± 0.145	0.287 ± 0.035 ± 0.138	0.172 ± 0.022 ± 0.073	0.0599 ± 0.0125 ± 0.0267
2.0		10.0 ± 2.48 ± 3.24	3.61 ± 0.51 ± 1.23	2.83 ± 0.52 ± 1.26	1.28 ± 0.15 ± 0.52	0.830 ± 0.107 ± 0.403	0.600 ± 0.077 ± 0.282	0.525 ± 0.094 ± 0.229	0.176 ± 0.025 ± 0.081	0.0511 ± 0.0140 ± 0.0274
2.2			3.34 ± 0.94 ± 0.98		0.912 ± 0.248 ± 0.253					

ArCu

p_T (GeV/c)	**0.20**	**0.30**	**0.40**	**0.50**	**0.60**	**0.70**	**0.80**	**0.90**	**1.05**	**1.30**
y										
0.8	0.115 ± 0.023 ± 0.028	0.111 ± 0.018 ± 0.030	0.360 ± 0.110 ± 0.151	0.222 ± 0.050 ± 0.051	0.181 ± 0.041 ± 0.041	0.174 ± 0.045 ± 0.0453	0.168 ± 0.077 ± 0.0766			
1.0	0.112 ± 0.020 ± 0.035	0.115 ± 0.021 ± 0.023	0.0892 ± 0.0202 ± 0.0231	0.153 ± 0.034 ± 0.037	0.132 ±0.031 ±0.043	0.136 ± 0.031 ± 0.031	0.125 ± 0.036 ± 0.036	0.186 ± 0.056 ± 0.063		
1.2	0.118 ± 0.014 ± 0.037	0.117 ± 0.015 ± 0.038	0.146 ± 0.017 ± 0.027	0.176 ± 0.024 ± 0.060	0.124 ± 0.014 ± 0.017	0.137 ± 0.018 ± 0.023	0.108 ± 0.018 ± 0.031	0.0778 ± 0.0224 ± 0.0235	0.212 ± 0.082 ± 0.119	0.0576 ± 0.0336 ± 0.0339
1.4	0.163 ± 0.062 ± 0.063	0.152 ± 0.021 ± 0.040	0.160 ± 0.016 ± 0.020	0.154 ± 0.019 ± 0.023	0.125 ± 0.013 ± 0.023	0.138 ± 0.015 ± 0.025	0.150 ± 0.021 ± 0.033	0.101 ± 0.015 ± 0.026	0.0830 ± 0.0095 ± 0.0210	0.0722 ± 0.0129 ± 0.0231
1.6	0.263 ± 0.123 ± 0.155	0.225 ± 0.057 ± 0.093	0.338 ± 0.035 ± 0.101	0.275 ± 0.027 ± 0.118	0.302 ± 0.023 ± 0.116	0.204 ± 0.019 ± 0.089	0.265 ± 0.026 ± 0.128	0.193 ± 0.023 ± 0.081	0.104 ± 0.014 ± 0.045	0.0568 ± 0.0075 ± 0.0286
1.8		0.714 ± 0.173 ± 0.208	0.539 ± 0.064 ± 0.230	0.387 ± 0.035 ± 0.142	0.543 ± 0.046 ± 0.225	0.399 ± 0.035 ± 0.185	0.359 ± 0.035 ± 0.172	0.244 ± 0.027 ± 0.109	0.158 ± 0.015 ± 0.080	0.0539 ± 0.0075 ± 0.0240
2.0		6.33 ± 1.86 ± 1.87	2.22 ± 0.37 ± 0.40	1.56 ± 0.17 ± 0.18	1.07 ± 0.11 ± 0.22	0.673 ± 0.061 ± 0.110	0.588 ± 0.077 ± 0.124	0.342 ± 0.047 ± 0.095	0.173 ± 0.021 ± 0.036	0.0571 ± 0.0135 ± 0.0168
2.2		4.71 ± 1.04 ± 1.25	1.45 ± 0.30 ± 0.32	1.57 ± 0.59 ± 0.60	0.639 ± 0.222 ± 0.223		0.0924 ± 0.0285 ± 0.0286		0.0531 ± 0.0280 ± 0.0292	

ArSn

p_T (GeV/c)	**0.20**	**0.30**	**0.40**	**0.50**	**0.60**	**0.70**	**0.80**	**0.90**	**1.05**	**1.30**
y										
0.8	0.160 ± 0.023 ± 0.045	0.277 ± 0.033 ± 0.043	0.270 ± 0.037 ± 0.063	0.425 ± 0.060 ± 0.083	0.299 ± 0.046 ± 0.047	0.363 ± 0.064 ± 0.072	0.195 ± 0.050 ± 0.051			
1.0	0.119 ± 0.016 ± 0.027	0.128 ± 0.022 ± 0.038	0.266 ± 0.043 ± 0.071	0.278 ± 0.051 ± 0.083	0.194 ± 0.032 ± 0.054	0.245 ± 0.047 ± 0.068	0.136 ± 0.030 ± 0.030	0.309 ± 0.104 ± 0.117	0.123 ± 0.056 ± 0.056	
1.2	0.0630 ± 0.0059 ± 0.0122	0.121 ± 0.009 ± 0.016	0.130 ± 0.012 ± 0.019	0.126 ± 0.012 ± 0.020	0.136 ± 0.013 ± 0.022	0.137 ± 0.017 ± 0.032	0.181 ± 0.025 ± 0.034	0.118 ± 0.020 ± 0.027	0.119 ± 0.023 ± 0.035	0.0741 ± 0.0240 ± 0.0242
1.4	0.127 ± 0.020 ± 0.029	0.165 ± 0.017 ± 0.023	0.254 ± 0.026 ± 0.047	0.253 ± 0.024 ± 0.048	0.219 ± 0.021 ± 0.043	0.147 ± 0.013 ± 0.036	0.267 ± 0.028 ± 0.059	0.171 ± 0.024 ± 0.043	0.147 ± 0.014 ± 0.038	0.0887 ± 0.0125 ± 0.0301
1.6	0.179 ± 0.066 ± 0.067	0.273 ± 0.047 ± 0.056	0.322 ± 0.030 ± 0.048	0.383 ± 0.024 ± 0.064	0.351 ± 0.028 ± 0.078	0.249 ± 0.017 ± 0.064	0.272 ± 0.022 ± 0.090	0.235 ± 0.025 ± 0.073	0.164 ± 0.015 ± 0.065	0.0764 ± 0.0074 ± 0.0313
1.8		0.646 ± 0.112 ± 0.118	0.681 ± 0.091 ± 0.225	0.669 ± 0.051 ± 0.172	0.771 ± 0.065 ± 0.101	0.523 ± 0.036 ± 0.060	0.478 ± 0.042 ± 0.060	0.364 ± 0.039 ± 0.051	0.218 ± 0.020 ± 0.043	0.0980 ± 0.0137 ± 0.0200
2.0		4.64 ± 0.61 ± 0.64	2.22 ± 0.24 ± 0.28	1.46 ± 0.14 ± 0.53	0.998 ± 0.085 ± 0.214	0.766 ± 0.069 ± 0.221	0.543 ± 0.046 ± 0.136	0.393 ± 0.047 ± 0.101	0.190 ± 0.021 ± 0.060	0.0860 ± 0.0210 ± 0.0321
2.2		4.28 ± 0.55 ± 1.92	1.90 ± 0.33 ± 0.92	0.651 ± 0.106 ± 0.289	0.480 ± 0.083 ± 0.240	0.620 ± 0.235 ± 0.344		0.128 ± 0.057 ± 0.076	0.0515 ± 0.0196 ± 0.0278	0.0108 ± 0.0075 ± 0.0086

ArPb

p_T (GeV/c)	**0.20**	**0.30**	**0.40**	**0.50**	**0.60**	**0.70**	**0.80**	**0.90**	**1.05**	**1.30**
y										
0.8	0.405 ± 0.045 ± 0.126	0.418 ± 0.043 ± 0.115	0.491 ± 0.057 ± 0.177	0.434 ± 0.044 ± 0.085	0.334 ± 0.045 ± 0.093	0.293 ± 0.041 ± 0.046	0.539 ± 0.132 ± 0.141			
1.0	0.304 ± 0.040 ± 0.148	0.130 ± 0.019 ± 0.041	0.306 ± 0.038 ± 0.069	0.266 ± 0.033 ± 0.057	0.208 ± 0.026 ± 0.074	0.187 ± 0.027 ± 0.030	0.337 ± 0.054 ± 0.063	0.215 ± 0.045 ± 0.052	0.307 ± 0.097 ± 0.106	
1.2	0.0995 ± 0.0079 ± 0.0156	0.179 ± 0.012 ± 0.032	0.168 ± 0.015 ± 0.026	0.186 ± 0.016 ± 0.023	0.213 ± 0.020 ± 0.031	0.140 ± 0.016 ± 0.044	0.199 ± 0.025 ± 0.056	0.179 ± 0.036 ± 0.050	0.261 ± 0.050 ± 0.073	0.103 ± 0.011 ± 0.029
1.4	0.249 ± 0.046 ± 0.078	0.278 ± 0.028 ± 0.051	0.209 ± 0.016 ± 0.035	0.263 ± 0.022 ± 0.064	0.271 ± 0.024 ± 0.055	0.256 ± 0.023 ± 0.064	0.304 ± 0.031 ± 0.078	0.180 ± 0.018 ± 0.052	0.191 ± 0.019 ± 0.047	0.109 ± 0.014 ± 0.038
1.6	0.476 ± 0.199 ± 0.203	0.505 ± 0.096 ± 0.128	0.417 ± 0.035 ± 0.081	0.393 ± 0.032 ± 0.094	0.423 ± 0.030 ± 0.068	0.361 ± 0.028 ± 0.064	0.304 ± 0.025 ± 0.069	0.228 ± 0.021 ± 0.060	0.218 ± 0.017 ± 0.059	0.103 ± 0.011 ± 0.029
1.8		0.872 ± 0.258 ± 0.262	0.695 ± 0.103 ± 0.109	0.513 ± 0.049 ± 0.111	0.622 ± 0.059 ± 0.139	0.663 ± 0.049 ± 0.123	0.508 ± 0.042 ± 0.117	0.447 ± 0.042 ± 0.106	0.240 ± 0.021 ± 0.051	0.117 ± 0.018 ± 0.032
2.0		9.56 ± 2.01 ± 2.13	2.80 ± 0.42 ± 0.52	1.71 ± 0.15 ± 0.29	1.24 ± 0.11 ± 0.26	1.08 ± 0.10 ± 0.36	0.590 ± 0.066 ± 0.237	0.458 ± 0.048 ± 0.174	0.240 ± 0.030 ± 0.103	0.0763 ± 0.0143 ± 0.0375
2.2		4.27 ± 0.70 ± 1.47	1.52 ± 0.28 ± 0.75	1.56 ± 0.42 ± 0.85	0.789 ± 0.189 ± 0.482			0.0790 ± 0.0251 ± 0.0484	0.103 ± 0.052 ± 0.077	

Table 12: d2N/dydpT (GeV/c)-1 spectra of tritons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 40–80%. The results are presented for different pT and rapidity bins. The first and second uncertainties are the statistical and total uncertainties, respectively.

ArC

p_T (GeV/c)	**0.3**	**0.5**	**0.7**	**0.9**	**1.15**	**1.45**
y						
1.1	0.00206 ± 0.00116 ± 0.00118	0.00269 ± 0.00096 ± 0.00294	0.00154 ± 0.00090 ± 0.00151			
1.5		0.00201 ± 0.00058 ± 0.00092	0.00641 ± 0.00244 ± 0.00273	0.00460 ± 0.00119 ± 0.00199	0.00713 ± 0.00210 ± 0.00375	0.000910 ± 0.000337 ± 0.000623
1.9			0.0603 ± 0.0387 ± 0.0469	0.00479 ± 0.00144 ± 0.00352	0.00700 ± 0.00318 ± 0.00399	0.000280 ± 0.000128 ± 0.000128

ArAl

p_T (GeV/c)	**0.3**	**0.5**	**0.7**	**0.9**	**1.15**	**1.45**
y						
1.1	0.00963 ± 0.00316 ± 0.00449	0.00314 ± 0.00049 ± 0.00063	0.00464 ± 0.00128 ±0.00159	0.000959 ± 0.000198 ± 0.000220	0.0146 ± 0.0054 ± 0.0058	0.00209 ± 0.000617 ± 0.000699
1.5	0.0106 ± 0.0035 ± 0.0036		0.0147 ± 0.0027 ± 0.0032	0.00649 ± 0.00101 ± 0.00156	0.00225 ± 0.00058 ± 0.00084	0.00750 ± 0.00357 ± 0.00405
1.9		0.150 ± 0.097 ± 0.104		0.0137 ± 0.0024 ± 0.0063	0.0121 ± 0.0037 ± 0.0060	0.000358 ± 0.000106 ± 0.000192

ArCu

p_T (GeV/c)	0.3	0.5	0.7	0.9	1.15	1.45
y						
1.1		0.0101 ± 0.0018 ± 0.0020	0.00779 ± 0.00093 ± 0.00113	0.00479 ± 0.00085 ± 0.00097	0.00844 ± 0.00118 ± 0.00171	0.00135 ± 0.00024 ± 0.00039
1.5		0.0123 ± 0.0017 ± 0.0025	0.0122 ± 0.0018 ± 0.0019	0.0110 ± 0.0019 ± 0.0024	0.00476 ± 0.00079 ± 0.00085	0.00625 ± 0.00175 ± 0.00181
1.9	0.0392 ± 0.0170 ± 0.0222	0.0627 ± 0.0277 ± 0.0380	0.0852 ± 0.0378 ± 0.0506	0.0596 ± 0.0221 ± 0.0298	0.00194 ± 0.00117 ± 0.00140	0.00212 ± 0.00055 ± 0.00095

ArSn

p_T (GeV/c)	0.3	0.5	0.7	0.9	1.15	1.45
y						
1.1	0.0148 ± 0.0019 ± 0.0023	0.0116 ± 0.0015 ± 0.0023	0.0132 ± 0.0011 ± 0.0018	0.0123 ± 0.0016 ± 0.0022	0.0148 ± 0.0015 ± 0.0029	0.00802 ± 0.00140 ± 0.00235
1.5	0.0151 ± 0.0030 ± 0.0049	0.0146 ± 0.0029 ± 0.0040	0.0157 ± 0.0019 ± 0.0043	0.0138 ± 0.0014 ± 0.0043	0.00644 ± 0.00089 ± 0.00261	0.00462 ± 0.00066 ± 0.00209
1.9	0.0409 ± 0.0222 ± 0.0224	0.0456 ± 0.0104 ± 0.0115	0.0582 ± 0.0136 ± 0.0162	0.0458 ± 0.0070 ± 0.0115	0.0166 ± 0.0026 ± 0.0049	0.00820 ± 0.00245 ± 0.00379

ArPb

p_T (GeV/c)	0.3	0.5	0.7	0.9	1.15	1.45
y						
1.1	0.0282 ± 0.0037 ± 0.0071	0.0168 ± 0.0025 ± 0.0046	0.0174 ± 0.0019 ± 0.0032	0.0213 ± 0.0022 ± 0.0044	0.0207 ± 0.0026 ± 0.0062	0.00758 ± 0.00114 ± 0.00190
1.5	0.0637 ± 0.0154 ± 0.0199	0.0168 ± 0.0044 ± 0.0053	0.0231 ± 0.0026 ± 0.0061	0.0179 ± 0.0029 ± 0.0056	0.0137 ± 0.0017 ± 0.0050	0.00842 ± 0.00158 ± 0.00397
1.9		0.0464 ± 0.0172 ± 0.0187	0.0831 ± 0.0191 ± 0.0202	0.0743 ± 0.0293 ± 0.0418	0.0273 ± 0.0047 ± 0.0065	0.00822 ± 0.00216 ± 0.00282

Table 13: dN/dy spectra of protons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 40–80%. The results are integrated over pT and presented for different y bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	ArC	ArAl	ArCu	ArSn	ArPb
y					
1.0	0.921 ± 0.064 ± 0.055	1.98 ± 0.05 ± 0.08	2.46 ± 0.05 ± 0.11	3.56 ± 0.07 ± 0.19	4.04 ± 0.07 ± 0.16
1.2	0.814 ± 0.028 ± 0.051	2.12 ± 0.04 ± 0.07	2.40 ± 0.04 ± 0.08	3.44 ± 0.05 ± 0.14	3.84 ± 0.05 ± 0.12
1.4	1.08 ± 0.02 ± 0.04	2.21 ± 0.02 ± 0.06	2.51 ± 0.03 ± 0.07	3.25 ± 0.03 ± 0.12	3.52 ± 0.03 ± 0.12
1.6	1.41 ± 0.01 ± 0.14	2.57 ± 0.01 ± 0.08	2.74 ± 0.01 ± 0.08	3.44 ± 0.02 ± 0.12	3.94 ± 0.02 ± 0.12

System	ArC	ArAl	ArCu	ArSn	ArPb
y					
1.8	2.05 ± 0.02 ± 0.18	3.69 ± 0.02 ± 0.12	3.53 ± 0.01 ± 0.13	4.13 ± 0.02 ± 0.14	4.66 ± 0.02 ± 0.18
2.0	3.21 ± 0.03 ± 0.29	5.33 ± 0.03 ± 0.54	4.64 ± 0.02 ± 0.25	5.17 ± 0.02 ± 0.28	5.65 ± 0.03 ± 0.33
2.2	2.27 ± 0.04 ± 0.15	3.42 ± 0.03 ± 0.14	2.90 ± 0.03 ± 0.32	3.30 ± 0.02 ± 0.41	3.60 ± 0.03 ± 0.29
2.4	0.814 ± 0.039 ± 0.028	1.04 ± 0.04 ± 0.03	0.949 ± 0.028 ± 0.018	1.04 ± 0.03 ± 0.04	1.26 ± 0.04 ± 0.03

Table 14: dN/dy spectra of deuterons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 40–80%. The results are integrated over pT and presented for different y bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	ArC	System	ArAl	ArCu	ArSn	ArPb
y		y				
		0.8	0.167 ± 0.081 ± 0.013	0.204 ± 0.066 ± 0.016	0.289 ± 0.037 ± 0.022	0.315 ± 0.018 ± 0.024
0.9	0.0233 ± 0.0043 ± 0.0032					
		1.0	0.153 ± 0.072 ± 0.026	0.152 ± 0.036 ± 0.032	0.200 ± 0.024 ± 0.009	0.261 ± 0.037 ± 0.070
1.2	0.0229 ± 0.0025 ± 0.0022	1.2	0.133 ± 0.022 ± 0.023	0.125 ± 0.008 ± 0.009	0.169 ± 0.015 ± 0.013	0.197 ± 0.017 ± 0.046
1.4	0.0343 ± 0.0059	1.4	0.158 ± 0.008	0.148 ± 0.007	0.221 ± 0.009	0.281 ± 0.011

System	ArC	System	ArAl	ArCu	ArSn	ArPb
y		y				
	± 0.0052		± 0.010	± 0.011	± 0.020	± 0.026
	0.0861		0.224	0.250	0.302	0.370
1.6	± 0.0081	1.6	± 0.011	± 0.009	± 0.009	± 0.011
	± 0.0069		± 0.021	± 0.035	± 0.028	± 0.025
	0.213		0.417	0.388	0.558	0.555
1.8	± 0.032	1.8	± 0.019	± 0.014	± 0.019	± 0.019
	± 0.069		± 0.077	± 0.061	± 0.029	± 0.037
	0.998		1.25	0.921	0.988	1.14
2.0	± 0.133	2.0	± 0.11	± 0.059	± 0.051	± 0.06
	± 0.338		± 0.46	± 0.066	± 0.107	± 0.13
	0.854		1.98	1.04	1.52	1.09
2.2	± 0.421	2.2	± 0.70	± 0.17	± 0.25	± 0.13
	± 0.160		± 0.24	± 0.06	± 0.32	± 0.29

Table 15: dN/dy spectra of tritons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 40–80%. The results are integrated over pT and presented for different y bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	ArC	ArAl	ArCu	ArSn	ArPb
y					
	0.00178	0.00247	0.00809	0.0199	0.0251
1.1	± 0.00053	± 0.00032	± 0.00062	± 0.0014	± 0.0014
	± 0.00087	± 0.00033	± 0.00051	± 0.0020	± 0.0021
	0.00342	0.0114	0.0122	0.0164	0.0249
1.5	± 0.00055	± 0.0016	± 0.0009	± 0.0010	± 0.0016
	± 0.00070	± 0.0010	± 0.0008	± 0.0024	± 0.0034
	0.00978	0.0377	0.0319	0.0489	0.0628
1.9	± 0.00397	± 0.0099	± 0.0098	± 0.0051	± 0.0092
	± 0.00503	± 0.0160	± 0.0087	± 0.0044	± 0.0049

Table 16: Inverse slope T0 (GeV) from the fit d2N/dydmT = C·mT·exp(-(mT-mp)/T0) for protons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 40–80% The results are presented for different y bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	**ArC**	**ArAl**	**ArCu**	**ArSn**	**ArPb**
y					
1.0	0.171 ± 0.016 ± 0.012	0.140 ± 0.006 ± 0.007	0.141 ± 0.004 ± 0.008	0.151 ± 0.004 ± 0.009	0.138 ± 0.004 ± 0.008
1.2	0.156 ± 0.008 ± 0.012	0.169 ± 0.005 ± 0.007	0.162 ± 0.003 ± 0.007	0.169 ± 0.003 ± 0.009	0.158 ± 0.003 ± 0.008
1.4	0.128 ± 0.004 ± 0.007	0.146 ± 0.002 ± 0.005	0.148 ± 0.002 ± 0.005	0.143 ± 0.001 ± 0.006	0.149 ± 0.002 ± 0.006
1.6	0.0924 ± 0.0010 ± 0.0047	0.113 ± 0.001 ± 0.004	0.123 ± 0.001 ± 0.004	0.126 ± 0.001 ± 0.005	0.130 ± 0.001 ± 0.004
1.8	0.0817 ± 0.0008 ± 0.0051	0.0933 ± 0.0005 ± 0.0023	0.0988 ± 0.0005 ± 0.0034	0.100 ± 0.001 ± 0.003	0.107 ± 0.001 ± 0.004
2.0	0.0549 ± 0.0008 ± 0.0044	0.0665 ± 0.0004 ± 0.0032	0.0691 ± 0.0004 ± 0.0032	0.0719 ± 0.0004 ± 0.0038	0.0777 ± 0.0005 ± 0.0038
2.2	0.0488 ± 0.0008 ± 0.0017	0.0551 ± 0.0005 ± 0.0015	0.0588 ± 0.0006 ± 0.0038	0.0614 ± 0.0005 ± 0.0038	0.0625 ± 0.0006 ± 0.0041
2.4	0.0457 ± 0.0010 ± 0.0009	0.0518 ± 0.0014 ± 0.0013	0.0569 ± 0.0015 ± 0.0010	0.0615 ± 0.0017 ± 0.0022	0.0599 ± 0.0016 ± 0.0012

Table 17: Inverse slope T0 (GeV) from the fit d2N/dydmT = C·mT·exp(-(mT-md)/T0) for deuterons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 40–80%. The results are presented for different y bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively

System	**ArC**	**System**	**ArAl**	**ArCu**	**ArSn**	**ArPb**
y		**y**				
0.9	0.048 ± 0.008 ± 0.005	0.8	0.183 ± 0.089 ± 0.039	0.198 ± 0.076 ± 0.078	0.144 ± 0.025 ± 0.018	0.0792 ± 0.0083 ± 0.0171
		1.0	0.233 ± 0.102 ± 0.019	0.187 ± 0.060 ± 0.060	0.156 ± 0.026 ± 0.018	0.193 ± 0.039 ± 0.091
1.2	0.0855 ± 0.0123 ± 0.0112	1.2	0.185 ± 0.042 ± 0.050	0.116 ± 0.013 ± 0.024	0.216 ± 0.023 ± 0.022	0.170 ± 0.020 ± 0.053
1.4	0.0554 ± 0.0067 ± 0.0089	1.4	0.138 ± 0.013 ± 0.016	0.158 ± 0.013 ± 0.018	0.177 ± 0.012 ± 0.020	0.181 ± 0.011 ± 0.023
1.6	0.0618 ± 0.0058 ± 0.0107	1.6	0.0912 ± 0.0050 ± 0.0121	0.127 ± 0.006 ± 0.020	0.139 ± 0.006 ± 0.017	0.141 ± 0.006 ± 0.014
1.8	0.0601 ± 0.0052 ± 0.0030	1.8	0.112 ± 0.006 ± 0.018	0.111 ± 0.004 ± 0.014	0.113 ± 0.005 ± 0.007	0.129 ± 0.006 ± 0.009
2.0	0.0379 ± 0.0018 ± 0.0039	2.0	0.0672 ± 0.0042 ± 0.0124	0.0743 ± 0.0039 ± 0.0039	0.0728 ± 0.0035 ± 0.0051	0.0772 ± 0.0035 ± 0.0090
2.2	0.0371 ± 0.0041 ± 0.0020	2.2	0.0301 ± 0.0069 ± 0.0021	0.0332 ± 0.0031 ± 0.0009	0.0213 ± 0.0022 ± 0.0091	0.0401 ± 0.0035 ± 0.0059

Table 18: Inverse slope T0 (GeV) from the fit d2N/dydmT = C·mT·exp(-(mT-mt)/T0) for tritons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 40–80%. The results are presented for different y bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	**ArC**	**ArAl**	**ArCu**	**ArSn**	**ArPb**
y					
1.1	0.0596 ± 0.0291 ± 0.0291	0.0533 ± 0.0073 ± 0.0061	0.110 ± 0.008 ± 0.013	0.214 ± 0.025 ± 0.031	0.163 ± 0.013 ± 0.020
1.5	0.164 ± 0.029 ± 0.037	0.0697 ± 0.0075 ± 0.0077	0.111 ± 0.013 ± 0.011	0.121 ± 0.010 ± 0.025	0.152 ± 0.017 ± 0.036
1.9	0.0636 ± 0.0097 ± 0.0068	0.0514 ± 0.0040 ± 0.0075	0.0566 ± 0.0079 ± 0.0043	0.0985 ± 0.0095 ± 0.0120	0.101 ± 0.010 ± 0.007