

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

Table 1:  $d^2N/dydp_T$  (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  $p_T$  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
$y$										
<b>1.0</b>	6.25 ±0.60 ±0.94	6.35 ±0.34 ±0.59	7.34 ±0.44 ±0.88	9.07 ±0.56 ±0.97	6.69 ±0.47 ±0.63	6.12 ±0.50 ±0.98	-	-	-	-
<b>1.2</b>	6.58 ±0.50 ±0.71	7.12 ±0.37 ±0.51	8.88 ±0.49 ±1.05	10.8 ±0.63 ±1.13	7.85 ±0.48 ±0.68	7.09 ±0.49 ±1.08	6.12 ±0.52 ±0.64	4.26 ±0.51 ±0.60	-	-
<b>1.4</b>	8.80 ±0.25 ±1.38	10.6 ±0.24 ±1.71	11.1 ±0.31 ±1.61	11.1 ±0.43 ±1.43	9.64 ±0.51 ±0.66	8.17 ±0.52 ±0.73	6.27 ±0.44 ±0.75	4.91 ±0.56 ±0.66	2.70 ±0.30 ±0.42	1.77 ±0.28 ±0.77
<b>1.6</b>	17.4 ±0.45 ±1.13	17.4 ±0.35 ±1.73	14.6 ±0.30 ±1.87	12.3 ±0.30 ±1.83	10.5 ±0.27 ±1.62	8.46 ±0.28 ±1.41	5.73 ±0.25 ±1.21	5.20 ±0.29 ±1.25	2.82 ±0.22 ±0.72	1.70 ±0.16 ±0.56
<b>1.8</b>	22.6 ±0.60 ±3.48	25.9 ±0.46 ±3.39	20.7 ±0.35 ±3.93	17.5 ±0.34 ±3.65	13.5 ±0.31 ±3.33	9.57 ±0.26 ±2.25	5.96 ±0.20 ±1.51	3.46 ±0.15 ±0.98	2.30 ±0.14 ±0.73	1.21 ±0.08 ±0.41
<b>2.0</b>	50.0 ±1.14 ±9.28	43.5 ±0.71 ±7.63	29.7 ±0.46 ±6.65	21.4 ±0.37 ±5.93	14.3 ±0.33 ±4.95	8.712 ±0.28 ±3.52	4.85 ±0.26 ±2.06	2.74 ±0.21 ±1.05	0.879 ±0.251 ±0.453	0.535 ±0.067 ±0.214

$p_T$ (GeV/c) 0.15		0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
<b>y</b>										
<b>2.2</b>	-	33.0	21.3	13.9	8.74	4.41	1.98	0.869	0.665	0.0880
		$\pm 0.73$	$\pm 0.58$	$\pm 0.34$	$\pm 0.31$	$\pm 0.22$	$\pm 0.17$	$\pm 0.125$	$\pm 0.107$	$\pm 0.0270$
		$\pm 3.29$	$\pm 2.77$	$\pm 1.58$	$\pm 0.66$	$\pm 0.42$	$\pm 0.38$	$\pm 0.178$	$\pm 0.177$	$\pm 0.0280$
<b>2.4</b>	-	11.2	8.15	4.51	2.97	1.25	0.835	0.187	0.0700	
		$\pm 1.05$	$\pm 0.56$	$\pm 0.37$	$\pm 0.31$	$\pm 0.21$	$\pm 0.171$	$\pm 0.046$	$\pm 0.0270$	
		$\pm 1.60$	$\pm 1.85$	$\pm 1.33$	$\pm 0.49$	$\pm 0.29$	$\pm 0.176$	$\pm 0.054$	$\pm 0.0380$	

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

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

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

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

### 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
<b>y</b>										
<b>1.0</b>	19.2 $\pm 0.52$ $\pm 0.62$	23.8 $\pm 0.35$ $\pm 0.80$	27.1 $\pm 0.46$ $\pm 1.40$	30.0 $\pm 0.53$ $\pm 1.50$	24.4 $\pm 0.45$ $\pm 1.15$	23.0 $\pm 0.52$ $\pm 1.18$	-	-	-	-
<b>1.2</b>	14.4 $\pm 0.32$ $\pm 0.45$	18.8 $\pm 0.29$ $\pm 0.90$	22.9 $\pm 0.39$ $\pm 1.18$	25.7 $\pm 0.45$ $\pm 1.28$	21.1 $\pm 0.40$ $\pm 0.99$	19.9 $\pm 0.42$ $\pm 1.01$	19.7 $\pm 0.51$ $\pm 0.93$	12.8 $\pm 0.51$ $\pm 1.13$	-	
<b>1.4</b>	12.3 $\pm 0.12$ $\pm 1.46$	15.2 $\pm 0.13$ $\pm 2.09$	18.5 $\pm 0.19$ $\pm 2.26$	20.5 $\pm 0.29$ $\pm 2.27$	18.2 $\pm 0.31$ $\pm 1.20$	15.2 $\pm 0.32$ $\pm 1.04$	13.2 $\pm 0.32$ $\pm 0.88$	10.5 $\pm 0.32$ $\pm 0.89$	7.12 $\pm 0.27$ $\pm 0.51$	4.29 $\pm 0.25$ $\pm 0.33$

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

**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
<b>y</b>										
<b>1.0</b>	23.0	27.8	30.5	31.9	25.0	26.8				
	$\pm 0.70$	$\pm 0.46$	$\pm 0.58$	$\pm 0.65$	$\pm 0.55$	$\pm 0.73$				
	$\pm 0.96$	$\pm 0.82$	$\pm 1.09$	$\pm 1.30$	$\pm 0.90$	$\pm 1.10$				
<b>1.2</b>	17.0	19.1	23.3	24.9	19.8	21.3	20.2	12.2		
	$\pm 0.43$	$\pm 0.34$	$\pm 0.46$	$\pm 0.52$	$\pm 0.45$	$\pm 0.55$	$\pm 0.64$	$\pm 0.56$		
	$\pm 0.63$	$\pm 0.64$	$\pm 0.84$	$\pm 1.02$	$\pm 0.72$	$\pm 0.86$	$\pm 0.77$	$\pm 0.69$		

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

Table 2:  $d^2N/dydp_T(\text{GeV}/c)-1$  spectra of deuterons produced in Ar + C, Al, Cu, Sn and Pb interactions with centrality 0–40%. The results are presented for different  $p_T$  and rapidity ( $y$ ) bins. The first and second uncertainties are the statistical and total uncertainties, respectively.

### ArC

$p_T(\text{GeV}/c)$	<b>0.20</b>	<b>0.30</b>	<b>0.40</b>	<b>0.50</b>	<b>0.60</b>	<b>0.70</b>	<b>0.80</b>	<b>0.90</b>	<b>1.05</b>	<b>1.30</b>
$y$										
<b>0.9</b>	0.543	0.396	0.236	0.291	0.212	0.500	0.325	0.200	-	-
	$\pm 0.122$	$\pm 0.098$	$\pm 0.083$	$\pm 0.066$	$\pm 0.073$	$\pm 0.117$	$\pm 0.110$	$\pm 0.087$		
	$\pm 0.221$	$\pm 0.137$	$\pm 0.097$	$\pm 0.076$	$\pm 0.081$	$\pm 0.133$	$\pm 0.110$	$\pm 0.089$		
<b>1.2</b>	0.427	0.579	0.453	0.583	0.664	0.448	0.590	0.221	0.308	0.171
	$\pm 0.069$	$\pm 0.079$	$\pm 0.069$	$\pm 0.081$	$\pm 0.086$	$\pm 0.067$	$\pm 0.101$	$\pm 0.057$	$\pm 0.082$	$\pm 0.115$

$p_T$ (GeV/c)	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.05	1.30
<b>y</b>										
	$\pm 0.093$	$\pm 0.115$	$\pm 0.099$	$\pm 0.128$	$\pm 0.102$	$\pm 0.100$	$\pm 0.136$	$\pm 0.080$	$\pm 0.111$	$\pm 0.117$
<b>1.4</b>	-	1.03 $\pm 0.18$ $\pm 0.32$	1.13 $\pm 0.14$ $\pm 0.25$	1.06 $\pm 0.14$ $\pm 0.29$	0.992 $\pm 0.117$ $\pm 0.277$	0.727 $\pm 0.083$ $\pm 0.184$	0.740 $\pm 0.105$ $\pm 0.265$		0.564 $\pm 0.062$ $\pm 0.221$	0.281 $\pm 0.044$ $\pm 0.124$
<b>1.6</b>	-	1.96 $\pm 0.43$ $\pm 0.54$	1.32 $\pm 0.19$ $\pm 0.25$	1.81 $\pm 0.15$ $\pm 0.23$	1.15 $\pm 0.16$ $\pm 0.35$	0.846 $\pm 0.107$ $\pm 0.177$	0.677 $\pm 0.085$ $\pm 0.138$	0.733 $\pm 0.088$ $\pm 0.151$	0.444 $\pm 0.047$ $\pm 0.116$	0.211 $\pm 0.027$ $\pm 0.055$
<b>1.8</b>	-	4.52 $\pm 1.65$ $\pm 1.80$	2.91 $\pm 0.63$ $\pm 1.33$	2.78 $\pm 0.31$ $\pm 1.08$	2.43 $\pm 0.22$ $\pm 1.22$	2.22 $\pm 0.16$ $\pm 1.24$	1.59 $\pm 0.17$ $\pm 1.04$	1.64 $\pm 0.19$ $\pm 1.23$	0.806 $\pm 0.083$ $\pm 0.517$	0.232 $\pm 0.037$ $\pm 0.152$
<b>2.0</b>	-	33.2 $\pm 9.00$ $\pm 9.87$	15.2 $\pm 2.43$ $\pm 3.07$	8.13 $\pm 1.05$ $\pm 2.24$	3.88 $\pm 0.59$ $\pm 1.56$	3.49 $\pm 0.36$ $\pm 1.51$	1.82 $\pm 0.37$ $\pm 0.79$	1.22 $\pm 0.15$ $\pm 0.67$	0.683 $\pm 0.091$ $\pm 0.404$	0.242 $\pm 0.046$ $\pm 0.161$
<b>2.2</b>	-	16.4 $\pm 5.73$ $\pm 13.4$	13.0 $\pm 3.09$ $\pm 9.38$	7.80 $\pm 2.49$ $\pm 6.54$	4.16 $\pm 1.28$ $\pm 3.06$	1.24 $\pm 0.43$ $\pm 2.66$	0.850 $\pm 0.349$ $\pm 0.641$			0.047 $\pm 0.019$ $\pm 0.035$

### 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
<b>y</b>										
<b>0.8</b>	0.684 $\pm 0.122$ $\pm 0.175$	0.514 $\pm 0.075$ $\pm 0.121$	1.12 $\pm 0.17$ $\pm 0.19$	1.08 $\pm 0.15$ $\pm 0.15$	0.932 $\pm 0.135$ $\pm 0.137$	0.988 $\pm 0.153$ $\pm 0.154$	0.781 $\pm 0.174$ $\pm 0.175$	-	-	-
<b>1.0</b>	0.977 $\pm 0.133$ $\pm 0.394$	0.424 $\pm 0.078$ $\pm 0.130$	0.902 $\pm 0.112$ $\pm 0.151$	1.19 $\pm 0.16$ $\pm 0.17$	0.983 $\pm 0.122$ $\pm 0.149$	1.06 $\pm 0.14$ $\pm 0.32$	0.790 $\pm 0.110$ $\pm 0.111$	0.845 $\pm 0.158$ $\pm 0.162$	0.677 $\pm 0.179$ $\pm 0.181$	-
<b>1.2</b>	0.633 $\pm 0.050$	0.902 $\pm 0.054$	0.969 $\pm 0.059$	0.935 $\pm 0.061$	1.15 $\pm 0.07$	1.03 $\pm 0.08$	0.992 $\pm 0.086$	0.966 $\pm 0.102$	0.755 $\pm 0.086$	0.490 $\pm 0.129$

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

### 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
<b>y</b>										
	0.987	1.42	1.89	1.96	1.76	1.95	2.01			
<b>0.8</b>	$\pm 0.087$	$\pm 0.11$	$\pm 0.17$	$\pm 0.16$	$\pm 0.15$	$\pm 0.19$	$\pm 0.28$	-	-	-
	$\pm 0.111$	$\pm 0.26$	$\pm 0.36$	$\pm 0.18$	$\pm 0.16$	$\pm 0.19$	$\pm 0.28$			
	0.910	1.39	1.35	1.75	1.56	1.69	1.74	1.35	1.29	
<b>1.0</b>	$\pm 0.073$	$\pm 0.10$	$\pm 0.11$	$\pm 0.14$	$\pm 0.13$	$\pm 0.15$	$\pm 0.19$	$\pm 0.16$	$\pm 0.22$	-
	$\pm 0.163$	$\pm 0.36$	$\pm 0.34$	$\pm 0.38$	$\pm 0.27$	$\pm 0.55$	$\pm 0.19$	$\pm 0.17$	$\pm 0.22$	

$p_T$ (GeV/c)	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.05	1.30
$y$										
<b>1.2</b>	0.726	0.983	1.20	1.24	1.47	1.25	1.22	1.22	1.11	0.655
	$\pm 0.037$	$\pm 0.042$	$\pm 0.05$	$\pm 0.06$	$\pm 0.07$	$\pm 0.07$	$\pm 0.08$	$\pm 0.09$	$\pm 0.10$	$\pm 0.116$
	$\pm 0.163$	$\pm 0.156$	$\pm 0.20$	$\pm 0.19$	$\pm 0.25$	$\pm 0.11$	$\pm 0.21$	$\pm 0.15$	$\pm 0.28$	$\pm 0.121$
<b>1.4</b>	0.579	0.926	1.07	1.14	1.04	1.13	1.03	0.990	0.836	0.578
	$\pm 0.048$	$\pm 0.049$	$\pm 0.05$	$\pm 0.05$	$\pm 0.05$	$\pm 0.06$	$\pm 0.06$	$\pm 0.061$	$\pm 0.042$	$\pm 0.038$
	$\pm 0.145$	$\pm 0.100$	$\pm 0.13$	$\pm 0.14$	$\pm 0.11$	$\pm 0.13$	$\pm 0.13$	$\pm 0.168$	$\pm 0.122$	$\pm 0.097$
<b>1.6</b>	0.893	0.857	1.45	1.25	1.20	1.06	1.12	0.855	0.588	0.456
	$\pm 0.159$	$\pm 0.062$	$\pm 0.08$	$\pm 0.06$	$\pm 0.05$	$\pm 0.05$	$\pm 0.06$	$\pm 0.056$	$\pm 0.030$	$\pm 0.027$
	$\pm 0.479$	$\pm 0.106$	$\pm 0.15$	$\pm 0.21$	$\pm 0.16$	$\pm 0.19$	$\pm 0.15$	$\pm 0.133$	$\pm 0.098$	$\pm 0.080$
<b>1.8</b>	-	1.51	1.29	1.39	1.59	1.30	1.31	1.27	0.727	0.357
		$\pm 0.32$	$\pm 0.11$	$\pm 0.08$	$\pm 0.08$	$\pm 0.06$	$\pm 0.07$	$\pm 0.10$	$\pm 0.048$	$\pm 0.032$
		$\pm 0.34$	$\pm 0.25$	$\pm 0.19$	$\pm 0.21$	$\pm 0.21$	$\pm 0.20$	$\pm 0.23$	$\pm 0.142$	$\pm 0.083$
<b>2.0</b>	-	9.02	3.22	2.71	2.46	1.88	1.29	0.876	0.552	0.172
		$\pm 2.04$	$\pm 0.31$	$\pm 0.22$	$\pm 0.23$	$\pm 0.15$	$\pm 0.11$	$\pm 0.075$	$\pm 0.050$	$\pm 0.027$
		$\pm 2.60$	$\pm 0.74$	$\pm 0.79$	$\pm 0.89$	$\pm 0.81$	$\pm 0.65$	$\pm 0.458$	$\pm 0.266$	$\pm 0.097$
<b>2.2</b>	-	5.44	2.55	3.52	0.818	1.59	0.360	0.105	0.272	0.0377
		$\pm 1.04$	$\pm 0.45$	$\pm 1.71$	$\pm 0.168$	$\pm 0.91$	$\pm 0.114$	$\pm 0.044$	$\pm 0.097$	$\pm 0.0171$
		$\pm 2.82$	$\pm 1.24$	$\pm 2.31$	$\pm 0.406$	$\pm 1.26$	$\pm 0.220$	$\pm 0.066$	$\pm 0.167$	$\pm 0.0263$

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

**ArPb**

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

Table 3:  $d^2N/dydp_T$  (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  $p_T$  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 $\pm 0.00130$ $\pm 0.00162$	0.0117 $\pm 0.0034$ $\pm 0.0046$	0.00847 $\pm 0.00507$ $\pm 0.00606$	0.0128 $\pm 0.0048$ $\pm 0.0096$	0.0175 $\pm 0.0054$ $\pm 0.0131$	0.00187 $\pm 0.00127$ $\pm 0.00174$
1.4	-	0.0190 $\pm 0.0055$ $\pm 0.0076$	-	-	0.00894 $\pm 0.00537$ $\pm 0.00792$	0.0136 $\pm 0.0084$ $\pm 0.0133$
1.6	-	0.0590 $\pm 0.0379$ $\pm 0.0420$	0.0286 $\pm 0.0163$ $\pm 0.0175$	-	0.0185 $\pm 0.0061$ $\pm 0.0091$	-
1.9	-	0.138 $\pm 0.068$ $\pm 0.073$	0.0750 $\pm 0.0463$ $\pm 0.0533$	0.0887 $\pm 0.0395$ $\pm 0.0512$	0.0583 $\pm 0.0133$ $\pm 0.0333$	-

### ArAl

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

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

### ArCu

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

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

### ArSn

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

**ArPb**

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

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  $p_T$  and presented for different  $y$  bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	ArC	ArAl	ArCu	ArSn	ArPb
<b>y</b>					
<b>1.0</b>	5.81 $\pm 0.30$ $\pm 0.34$	9.74 $\pm 0.24$ $\pm 0.30$	14.0 $\pm 0.25$ $\pm 0.26$	21.1 $\pm 0.30$ $\pm 0.52$	22.2 $\pm 0.34$ $\pm 0.39$
<b>1.2</b>	6.92 $\pm 0.22$	10.5 $\pm 0.16$	13.9 $\pm 0.17$	19.5 $\pm 0.23$	19.1 $\pm 0.26$

System	ArC	ArAl	ArCu	ArSn	ArPb
y					
	± 0.22	± 0.21	± 0.17	± 0.38	± 0.23
	7.99	10.2	12.3	15.1	13.7
<b>1.4</b>	± 0.15	± 0.10	± 0.11	± 0.11	± 0.13
	± 0.27	± 0.20	± 0.20	± 0.36	± 0.32
	9.46	10.8	11.1	12.3	10.9
<b>1.6</b>	± 0.09	± 0.05	± 0.05	± 0.06	± 0.06
	± 0.46	± 0.16	± 0.18	± 0.44	± 0.46
	12.5	11.9	10.4	10.2	8.74
<b>1.8</b>	± 0.10	± 0.05	± 0.04	± 0.04	± 0.04
	± 0.87	± 0.51	± 0.51	± 0.34	± 0.26
	16.9	13.3	9.83	8.86	7.44
<b>2.0</b>	± 0.14	± 0.06	± 0.04	± 0.04	± 0.04
	± 1.71	± 1.39	± 0.57	± 0.48	± 0.38
	11.7	8.05	5.43	4.64	3.75
<b>2.2</b>	± 0.17	± 0.06	± 0.04	± 0.03	± 0.03
	± 0.65	± 0.31	± 0.62	± 0.7	± 0.40
	4.00	2.52	1.56	1.19	1.00
<b>2.4</b>	± 0.19	± 0.08	± 0.04	± 0.03	± 0.03
	± 0.37	± 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  $p_T$  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
$y$		$y$				
<b>0.9</b>	0.281	<b>0.8</b>	1.05	2.11	3.91	4.31
	$\pm 0.046$		$\pm 0.20$	$\pm 0.24$	$\pm 0.34$	$\pm 0.27$
<b>1.2</b>	$\pm 0.046$	<b>1.0</b>	$\pm 0.08$	$\pm 0.17$	$\pm 0.30$	$\pm 0.25$
			1.06	1.83	2.87	3.10
<b>1.4</b>	0.483	<b>1.2</b>	$\pm 0.11$	$\pm 0.12$	$\pm 0.15$	$\pm 0.16$
	$\pm 0.030$		$\pm 0.02$	$\pm 0.09$	$\pm 0.09$	$\pm 0.29$
<b>1.6</b>	$\pm 0.032$	<b>1.4</b>	1.16	1.52	2.14	2.19
			$\pm 0.05$	$\pm 0.06$	$\pm 0.08$	$\pm 0.09$
<b>1.8</b>	0.929	<b>1.6</b>	$\pm 0.07$	$\pm 0.08$	$\pm 0.10$	$\pm 0.16$
	$\pm 0.042$		1.31	1.30	1.60	1.41
<b>2.0</b>	$\pm 0.109$	<b>1.8</b>	$\pm 0.04$	$\pm 0.03$	$\pm 0.04$	$\pm 0.03$
			$\pm 0.06$	$\pm 0.07$	$\pm 0.07$	$\pm 0.14$
<b>2.2</b>	1.06	<b>2.0</b>	1.45	1.18	1.24	1.05
	$\pm 0.05$		$\pm 0.03$	$\pm 0.02$	$\pm 0.02$	$\pm 0.02$
<b>2.4</b>	$\pm 0.07$	<b>2.2</b>	$\pm 0.13$	$\pm 0.06$	$\pm 0.13$	$\pm 0.12$
			1.97	1.38	1.24	0.894
<b>2.6</b>	2.17	<b>2.4</b>	$\pm 0.05$	$\pm 0.03$	$\pm 0.03$	$\pm 0.024$
	$\pm 0.09$		$\pm 0.14$	$\pm 0.07$	$\pm 0.16$	$\pm 0.082$
<b>2.8</b>	$\pm 0.42$	<b>2.6</b>	3.45	1.99	1.42	1.09
			$\pm 0.17$	$\pm 0.08$	$\pm 0.06$	$\pm 0.05$
<b>3.0</b>	4.02	<b>2.8</b>	$\pm 0.84$	$\pm 0.26$	$\pm 0.23$	$\pm 0.15$
	$\pm 0.41$		3.36	1.52	1.19	0.819
<b>3.2</b>	$\pm 1.82$	<b>3.0</b>	$\pm 0.38$	$\pm 0.23$	$\pm 0.11$	$\pm 0.103$
			$\pm 0.93$	$\pm 0.46$	$\pm 0.09$	$\pm 0.023$
<b>3.4</b>	7.34	<b>3.2</b>				
	$\pm 1.42$					
<b>3.6</b>	$\pm 3.63$					

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  $p_T$  and presented for different  $y$  bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

System	ArC	ArAl	ArCu	ArSn	ArPb
$y$					
<b>1.1</b>	0.0173	0.0643	0.133	0.209	0.192
	$\pm 0.0037$	$\pm 0.0057$	$\pm 0.023$	$\pm 0.020$	$\pm 0.015$
	$\pm 0.0034$	$\pm 0.0076$	$\pm 0.019$	$\pm 0.023$	$\pm 0.020$
<b>1.4</b>	0.0429	0.0574	0.0820	0.0856	0.0735
	$\pm 0.0117$	$\pm 0.0054$	$\pm 0.0049$	$\pm 0.0052$	$\pm 0.0050$
	$\pm 0.0124$	$\pm 0.0081$	$\pm 0.0081$	$\pm 0.0101$	$\pm 0.0083$
<b>1.6</b>	0.0731	0.0924	0.0934	0.0736	0.0554
	$\pm 0.0230$	$\pm 0.0080$	$\pm 0.0062$	$\pm 0.0046$	$\pm 0.0049$
	$\pm 0.0124$	$\pm 0.0064$	$\pm 0.0107$	$\pm 0.0091$	$\pm 0.0017$
<b>1.9</b>	0.220	0.137	0.0889	0.0709	0.0489
	$\pm 0.047$	$\pm 0.018$	$\pm 0.0082$	$\pm 0.0067$	$\pm 0.0057$
	$\pm 0.046$	$\pm 0.012$	$\pm 0.0113$	$\pm 0.0069$	$\pm 0.0117$

Table 7: Inverse slope  $T_0$  (GeV) from the fit  $d^2N/dydm_T = C \cdot m_T \cdot \exp(-(m_T - m_p)/T_0)$  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
$y$					
<b>1.0</b>	0.158	0.162	0.159	0.159	0.145
	$\pm 0.012$	$\pm 0.006$	$\pm 0.004$	$\pm 0.003$	$\pm 0.003$
	$\pm 0.014$	$\pm 0.006$	$\pm 0.003$	$\pm 0.005$	$\pm 0.004$

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

Table 8: Inverse slope  $T_0$  (GeV) from the fit  $d^2N/dydmT = C \cdot mT \cdot \exp(-(mT - md)/T_0)$  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
$y$		$y$				
<b>0.9</b>	0.120	<b>0.8</b>	0.198	0.189	0.213	0.163
	$\pm 0.038$		$\pm 0.049$	$\pm 0.028$	$\pm 0.022$	$\pm 0.014$
<b>1.2</b>	$\pm 0.048$	<b>1.0</b>	$\pm 0.079$	$\pm 0.026$	$\pm 0.012$	$\pm 0.016$
			0.200	0.187	0.208	0.178
<b>1.4</b>	0.116	<b>1.2</b>	$\pm 0.030$	$\pm 0.017$	$\pm 0.014$	$\pm 0.013$
	$\pm 0.012$		$\pm 0.017$	$\pm 0.022$	$\pm 0.015$	$\pm 0.035$
<b>1.6</b>	$\pm 0.013$	<b>1.4</b>	0.182	0.200	0.256	0.230
	0.149		$\pm 0.012$	$\pm 0.010$	$\pm 0.012$	$\pm 0.012$
<b>1.8</b>	$\pm 0.011$	<b>1.6</b>	$\pm 0.021$	$\pm 0.020$	$\pm 0.014$	$\pm 0.030$
	$\pm 0.026$		0.191	0.201	0.217	0.190
<b>2.0</b>	0.114	<b>1.8</b>	$\pm 0.009$	$\pm 0.007$	$\pm 0.007$	$\pm 0.006$
	$\pm 0.006$		$\pm 0.015$	$\pm 0.015$	$\pm 0.013$	$\pm 0.027$
<b>2.2</b>	$\pm 0.010$	<b>2.0</b>	0.153	0.156	0.171	0.169
	0.102		$\pm 0.005$	$\pm 0.005$	$\pm 0.005$	$\pm 0.006$
<b>2.4</b>	$\pm 0.004$	<b>2.2</b>	$\pm 0.021$	$\pm 0.011$	$\pm 0.023$	$\pm 0.031$
	$\pm 0.017$		0.123	0.148	0.138	0.145
<b>2.6</b>	0.0687	<b>2.4</b>	$\pm 0.004$	$\pm 0.005$	$\pm 0.004$	$\pm 0.006$
	$\pm 0.0048$		$\pm 0.011$	$\pm 0.011$	$\pm 0.020$	$\pm 0.018$
<b>2.8</b>	$\pm 0.0101$	<b>2.6</b>	0.0821	0.0864	0.0997	0.0880
	0.0318		$\pm 0.0033$	$\pm 0.0032$	$\pm 0.0053$	$\pm 0.0043$
<b>3.0</b>	$\pm 0.0034$	<b>2.8</b>	$\pm 0.0131$	$\pm 0.0107$	$\pm 0.0129$	$\pm 0.0122$
	$\pm 0.0080$		0.0387	0.0384	0.0432	0.0363
<b>3.2</b>		<b>3.0</b>	$\pm 0.0029$	$\pm 0.0044$	$\pm 0.0045$	$\pm 0.0028$
			$\pm 0.0038$	$\pm 0.0063$	$\pm 0.0037$	$\pm 0.0017$

Table 9: Inverse slope  $T_0$  (GeV) from the fit  $d^2N/dydm_T = C \cdot m_T \cdot \exp(-(m_T - m_t)/T_0)$  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
$y$					
<b>1.1</b>	0.173 $\pm 0.038$ $\pm 0.044$	0.196 $\pm 0.028$ $\pm 0.033$	0.304 $\pm 0.069$ $\pm 0.042$	0.279 $\pm 0.038$ $\pm 0.039$	0.183 $\pm 0.022$ $\pm 0.021$
<b>1.4</b>	0.142 $\pm 0.059$ $\pm 0.030$	0.129 $\pm 0.020$ $\pm 0.031$	0.184 $\pm 0.017$ $\pm 0.026$	0.217 $\pm 0.025$ $\pm 0.039$	0.193 $\pm 0.022$ $\pm 0.036$
<b>1.6</b>	0.124 $\pm 0.059$ $\pm 0.010$	0.142 $\pm 0.019$ $\pm 0.018$	0.167 $\pm 0.019$ $\pm 0.029$	0.183 $\pm 0.021$ $\pm 0.040$	0.210 $\pm 0.042$ $\pm 0.044$
<b>1.9</b>	0.134 $\pm 0.052$ $\pm 0.034$	0.140 $\pm 0.017$ $\pm 0.022$	0.159 $\pm 0.026$ $\pm 0.020$	0.181 $\pm 0.025$ $\pm 0.020$	0.203 $\pm 0.054$ $\pm 0.066$

Table 10:  $d^2N/dydp_T$  (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  $p_T$  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
$y$											
<b>1.0</b>		1.42 $\pm 0.15$ $\pm 0.17$	1.90 $\pm 0.11$ $\pm 0.14$	3.10 $\pm 0.21$ $\pm 0.27$	2.12 $\pm 0.15$ $\pm 0.23$	2.08 $\pm 0.17$ $\pm 0.23$	2.25 $\pm 0.21$ $\pm 0.22$	-	-	-	-
<b>1.2</b>		1.54	1.77	2.08	2.61	2.27	2.27	0.978	1.65	-	-

$p_T$ (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
<b>y</b>										
	$\pm 0.15$	$\pm 0.10$	$\pm 0.13$	$\pm 0.17$	$\pm 0.17$	$\pm 0.17$	$\pm 0.095$	$\pm 0.23$		
	$\pm 0.17$	$\pm 0.14$	$\pm 0.18$	$\pm 0.27$	$\pm 0.25$	$\pm 0.22$	$\pm 0.204$	$\pm 0.29$		
<b>1.4</b>	2.61	3.10	2.93	3.08	2.45	2.72	1.55	1.18	0.964	0.674
	$\pm 0.08$	$\pm 0.07$	$\pm 0.09$	$\pm 0.13$	$\pm 0.14$	$\pm 0.19$	$\pm 0.12$	$\pm 0.40$	$\pm 0.123$	$\pm 0.123$
	$\pm 0.23$	$\pm 0.32$	$\pm 0.34$	$\pm 0.32$	$\pm 0.35$	$\pm 0.28$	$\pm 0.21$	$\pm 0.42$	$\pm 0.182$	$\pm 0.210$
<b>1.6</b>	6.08	5.48	4.49	3.57	3.45	2.59	1.53	1.15	0.577	0.0740
	$\pm 0.17$	$\pm 0.12$	$\pm 0.10$	$\pm 0.10$	$\pm 0.10$	$\pm 0.09$	$\pm 0.07$	$\pm 0.07$	$\pm 0.051$	$\pm 0.0110$
	$\pm 0.95$	$\pm 1.17$	$\pm 1.05$	$\pm 1.12$	$\pm 1.20$	$\pm 1.07$	$\pm 0.55$	$\pm 0.41$	$\pm 0.208$	$\pm 0.0320$
<b>1.8</b>	9.40	9.80	7.36	5.52 $\pm 0.13$	3.82	2.57	1.66	0.839	0.417	0.286
	$\pm 0.29$	$\pm 0.19$	$\pm 0.13$	$\pm 1.18$	$\pm 0.12$	$\pm 0.11$	$\pm 0.10$	$\pm 0.041$	$\pm 0.029$	$\pm 0.032$
	$\pm 1.66$	$\pm 1.64$	$\pm 1.47$	$\pm 0.55$	$\pm 0.22$	$\pm 0.39$	$\pm 0.224$	$\pm 0.130$	$\pm 0.099$	
<b>2.0</b>	24.8	18.1	11.3	7.59	4.08	2.37	1.52	0.794	0.256	0.131
	$\pm 0.61$	$\pm 0.34$	$\pm 0.17$	$\pm 0.15$	$\pm 0.14$	$\pm 0.14$	$\pm 0.12$	$\pm 0.073$	$\pm 0.075$	$\pm 0.013$
	$\pm 3.38$	$\pm 2.33$	$\pm 2.01$	$\pm 1.68$	$\pm 1.05$	$\pm 0.62$	$\pm 0.42$	$\pm 0.244$	$\pm 0.103$	$\pm 0.028$
<b>2.2</b>	14.2	9.19	6.42	4.39	2.56	1.13	0.429	0.165	0.124	
	$\pm 0.33$	$\pm 0.21$	$\pm 0.15$	$\pm 0.15$	$\pm 0.11$	$\pm 0.06$	$\pm 0.066$	$\pm 0.027$	$\pm 0.020$	
	$\pm 1.42$	$\pm 0.91$	$\pm 0.82$	$\pm 0.71$	$\pm 0.61$	$\pm 0.17$	$\pm 0.071$	$\pm 0.027$	$\pm 0.023$	
<b>2.4</b>	5.15	2.87	1.53	0.902	0.507	0.228	0.0640	0.0213	0.00366	0.000500
	$\pm 0.41$	$\pm 0.23$	$\pm 0.11$	$\pm 0.098$	$\pm 0.081$	$\pm 0.037$	$\pm 0.0120$	$\pm 0.0071$	$\pm 0.00219$	$\pm 0.000225$
	$\pm 0.46$	$\pm 0.26$	$\pm 0.14$	$\pm 0.119$	$\pm 0.104$	$\pm 0.048$	$\pm 0.0160$	$\pm 0.0075$	$\pm 0.00265$	$\pm 0.000273$

### 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
<b>y</b>										
<b>1.0</b>	2.33	2.46	2.68	3.35	2.32	2.05	-	-	-	-
	$\pm 0.14$	$\pm 0.08$	$\pm 0.10$	$\pm 0.13$	$\pm 0.09$	$\pm 0.10$				
	$\pm 0.16$	$\pm 0.11$	$\pm 0.16$	$\pm 0.25$	$\pm 0.18$	$\pm 0.18$				

$p_T$ (GeV/c)	0.15	0.25	0.35	0.45	0.55	0.65	0.75	0.85	0.95	1.1
$y$										
<b>1.2</b>	1.69 $\pm 0.08$ $\pm 0.10$	2.08 $\pm 0.06$ $\pm 0.14$	2.84 $\pm 0.09$ $\pm 0.16$	3.53 $\pm 0.12$ $\pm 0.26$	2.41 $\pm 0.09$ $\pm 0.18$	2.10 $\pm 0.09$ $\pm 0.18$	1.94 $\pm 0.10$ $\pm 0.17$	1.26 $\pm 0.10$ $\pm 0.19$	-	-
<b>1.4</b>	2.31 $\pm 0.04$ $\pm 0.17$	2.50 $\pm 0.03$ $\pm 0.12$	3.10 $\pm 0.05$ $\pm 0.14$	3.11 $\pm 0.07$ $\pm 0.20$	2.88 $\pm 0.08$ $\pm 0.22$	2.44 $\pm 0.09$ $\pm 0.26$	1.61 $\pm 0.07$ $\pm 0.21$	1.35 $\pm 0.07$ $\pm 0.18$	1.02 $\pm 0.07$ $\pm 0.15$	0.342 $\pm 0.062$ $\pm 0.076$
<b>1.6</b>	3.88 $\pm 0.06$ $\pm 0.15$	4.42 $\pm 0.05$ $\pm 0.24$	3.81 $\pm 0.04$ $\pm 0.26$	3.53 $\pm 0.05$ $\pm 0.29$	2.97 $\pm 0.05$ $\pm 0.31$	2.49 $\pm 0.05$ $\pm 0.28$	1.66 $\pm 0.04$ $\pm 0.22$	1.24 $\pm 0.04$ $\pm 0.21$	1.08 $\pm 0.06$ $\pm 0.18$	0.284 $\pm 0.032$ $\pm 0.062$
<b>1.8</b>	6.27 $\pm 0.09$ $\pm 0.39$	7.57 $\pm 0.08$ $\pm 0.50$	6.30 $\pm 0.06$ $\pm 0.55$	5.12 $\pm 0.06$ $\pm 0.47$	4.07 $\pm 0.05$ $\pm 0.40$	2.88 $\pm 0.04$ $\pm 0.32$	1.76 $\pm 0.03$ $\pm 0.20$	0.947 $\pm 0.025$ $\pm 0.118$	0.643 $\pm 0.021$ $\pm 0.088$	0.258 $\pm 0.010$ $\pm 0.035$
<b>2.0</b>	17.6 $\pm 0.26$ $\pm 2.86$	12.6 $\pm 0.12$ $\pm 2.22$	9.64 $\pm 0.08$ $\pm 2.19$	7.14 $\pm 0.07$ $\pm 1.56$	4.69 $\pm 0.06$ $\pm 1.17$	2.39 $\pm 0.05$ $\pm 0.53$	1.38 $\pm 0.04$ $\pm 0.35$	0.744 $\pm 0.033$ $\pm 0.181$	0.282 $\pm 0.017$ $\pm 0.068$	0.0918 $\pm 0.0173$ $\pm 0.0292$
<b>2.2</b>	-	10.2 $\pm 0.14$ $\pm 0.61$	6.18 $\pm 0.09$ $\pm 0.45$	3.92 $\pm 0.07$ $\pm 0.32$	2.35 $\pm 0.05$ $\pm 0.23$	1.15 $\pm 0.04$ $\pm 0.14$	0.540 $\pm 0.033$ $\pm 0.074$	0.1708 $\pm 0.0209$ $\pm 0.0317$	0.0848 $\pm 0.0190$ $\pm 0.0232$	0.0192 $\pm 0.0070$ $\pm 0.0086$
<b>2.4</b>	-	3.30 $\pm 0.18$ $\pm 0.23$	1.82 $\pm 0.10$ $\pm 0.12$	1.18 $\pm 0.06$ $\pm 0.10$	0.588 $\pm 0.042$ $\pm 0.053$	0.332 $\pm 0.026$ $\pm 0.033$	0.0862 $\pm 0.0156$ $\pm 0.0245$	-	-	-

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

**ArSn**

<b>p<sub>T</sub>(GeV/c)</b>	<b>0.15</b>	<b>0.25</b>	<b>0.35</b>	<b>0.45</b>	<b>0.55</b>	<b>0.65</b>	<b>0.75</b>	<b>0.85</b>	<b>0.95</b>	<b>1.1</b>
<b>y</b>										
<b>1.0</b>	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	-	-	-	-
<b>1.2</b>	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	-	-
<b>1.4</b>	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
<b>1.6</b>	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
<b>1.8</b>	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
<b>2.0</b>	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 ± 0.033 ± 0.246	0.531 ± 0.033 ± 0.161	0.150 ± 0.012 ± 0.054
<b>2.2</b>	-	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
<b>2.4</b>	-	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
<b>y</b>										
<b>1.0</b>	3.72 $\pm 0.15$ $\pm 0.35$	5.51 $\pm 0.12$ $\pm 0.30$	5.83 $\pm 0.15$ $\pm 0.42$	5.63 $\pm 0.15$ $\pm 0.52$	4.74 $\pm 0.14$ $\pm 0.30$	4.57 $\pm 0.16$ $\pm 0.33$	-	-	-	-
<b>1.2</b>	3.14 $\pm 0.10$ $\pm 0.24$	4.38 $\pm 0.10$ $\pm 0.29$	5.27 $\pm 0.13$ $\pm 0.37$	5.16 $\pm 0.14$ $\pm 0.48$	4.37 $\pm 0.12$ $\pm 0.28$	4.24 $\pm 0.14$ $\pm 0.30$	3.37 $\pm 0.13$ $\pm 0.35$	2.16 $\pm 0.14$ $\pm 0.33$	-	-
<b>1.4</b>	3.29 $\pm 0.04$ $\pm 0.30$	4.18 $\pm 0.04$ $\pm 0.35$	4.72 $\pm 0.06$ $\pm 0.43$	4.90 $\pm 0.09$ $\pm 0.44$	4.29 $\pm 0.11$ $\pm 0.40$	3.36 $\pm 0.10$ $\pm 0.35$	3.19 $\pm 0.12$ $\pm 0.33$	2.05 $\pm 0.10$ $\pm 0.30$	1.51 $\pm 0.08$ $\pm 0.21$	0.976 $\pm 0.083$ $\pm 0.143$
<b>1.6</b>	4.75 $\pm 0.06$ $\pm 0.32$	5.62 $\pm 0.06$ $\pm 0.40$	5.54 $\pm 0.06$ $\pm 0.46$	5.46 $\pm 0.07$ $\pm 0.49$	4.72 $\pm 0.07$ $\pm 0.43$	3.78 $\pm 0.07$ $\pm 0.39$	2.97 $\pm 0.07$ $\pm 0.33$	2.45 $\pm 0.07$ $\pm 0.32$	1.43 $\pm 0.06$ $\pm 0.21$	0.744 $\pm 0.061$ $\pm 0.108$
<b>1.8</b>	6.26 $\pm 0.09$ $\pm 0.48$	7.97 $\pm 0.08$ $\pm 0.74$	7.88 $\pm 0.08$ $\pm 0.78$	6.68 $\pm 0.08$ $\pm 0.73$	5.24 $\pm 0.07$ $\pm 0.62$	4.04 $\pm 0.06$ $\pm 0.50$	2.77 $\pm 0.05$ $\pm 0.44$	1.63 $\pm 0.04$ $\pm 0.25$	1.11 $\pm 0.04$ $\pm 0.20$	0.501 $\pm 0.018$ $\pm 0.099$
<b>2.0</b>	16.0 $\pm 0.27$ $\pm 1.76$	12.8 $\pm 0.14$ $\pm 1.41$	9.91 $\pm 0.10$ $\pm 1.17$	7.85 $\pm 0.08$ $\pm 1.23$	5.73 $\pm 0.08$ $\pm 1.08$	3.37 $\pm 0.06$ $\pm 0.65$	2.10 $\pm 0.05$ $\pm 0.49$	1.11 $\pm 0.04$ $\pm 0.28$	0.605 $\pm 0.034$ $\pm 0.168$	0.220 $\pm 0.023$ $\pm 0.072$
<b>2.2</b>	-	9.20 $\pm 0.15$ $\pm 1.04$	6.91 $\pm 0.10$ $\pm 1.10$	4.70 $\pm 0.08$ $\pm 0.99$	2.85 $\pm 0.06$ $\pm 0.73$	1.52 $\pm 0.05$ $\pm 0.47$	0.729 $\pm 0.042$ $\pm 0.226$	0.461 $\pm 0.051$ $\pm 0.134$	0.228 $\pm 0.085$ $\pm 0.110$	0.0676 $\pm 0.0262$ $\pm 0.0329$
<b>2.4</b>	-	3.44 $\pm 0.20$ $\pm 0.25$	2.11 $\pm 0.12$ $\pm 0.14$	1.90 $\pm 0.10$ $\pm 0.14$	0.957 $\pm 0.080$ $\pm 0.088$	0.488 $\pm 0.046$ $\pm 0.057$	0.169 $\pm 0.025$ $\pm 0.031$	0.0797 $\pm 0.0201$ $\pm 0.0275$	0.0940 $\pm 0.0603$ $\pm 0.0662$	

Table 11:  $d^2N/dydp_T$  (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  $p_T$  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
$y$										
<b>0.9</b>	0.0385 $\pm 0.0118$ $\pm 0.0181$	0.0797 $\pm 0.0400$ $\pm 0.0720$	0.0328 $\pm 0.0143$ $\pm 0.0146$	0.0425 $\pm 0.0247$ $\pm 0.0247$	0.0302 $\pm 0.0140$ $\pm 0.0175$	0.0964 $\pm 0.0525$ $\pm 0.0755$	0.00536 $\pm 0.00339$ $\pm 0.00346$	-	-	-
<b>1.2</b>	0.0302 $\pm 0.0122$ $\pm 0.0201$	0.0227 $\pm 0.0066$ $\pm 0.0099$	0.0511 $\pm 0.0139$ $\pm 0.0189$	0.0288 $\pm 0.0107$ $\pm 0.0118$	0.0322 $\pm 0.0064$ $\pm 0.0071$	0.0415 $\pm 0.0112$ $\pm 0.0166$	0.0121 $\pm 0.0045$ $\pm 0.0069$	0.00926 $\pm 0.00391$ $\pm 0.00470$	0.0540 $\pm 0.0260$ $\pm 0.0292$	-
<b>1.4</b>	-	0.142 $\pm 0.068$ $\pm 0.090$	0.137 $\pm 0.035$ $\pm 0.055$	0.0309 $\pm 0.0085$ $\pm 0.0107$	0.123 $\pm 0.031$ $\pm 0.062$	0.0534 $\pm 0.0091$ $\pm 0.0205$	0.0117 $\pm 0.0034$ $\pm 0.0064$	0.00471 $\pm 0.00212$ $\pm 0.00287$	0.123 $\pm 0.027$ $\pm 0.069$	0.00601 $\pm 0.00181$ $\pm 0.00370$
<b>1.6</b>	0.186 $\pm 0.061$ $\pm 0.071$	0.0998 $\pm 0.0338$ $\pm 0.0342$	0.146 $\pm 0.023$ $\pm 0.040$	0.163 $\pm 0.022$ $\pm 0.033$	0.166 $\pm 0.029$ $\pm 0.056$	0.0733 $\pm 0.0095$ $\pm 0.0164$	0.0219 $\pm 0.0047$ $\pm 0.0096$	0.0741 $\pm 0.0134$ $\pm 0.0201$	0.0283 $\pm 0.0069$ $\pm 0.0111$	0.00987 $\pm 0.00194$ $\pm 0.00348$
<b>1.8</b>	-	0.967 $\pm 0.397$ $\pm 0.457$	0.654 $\pm 0.137$ $\pm 0.157$	0.586 $\pm 0.094$ $\pm 0.187$	0.261 $\pm 0.040$ $\pm 0.090$	0.133 $\pm 0.019$ $\pm 0.057$	0.0519 $\pm 0.0122$ $\pm 0.0248$	0.184 $\pm 0.037$ $\pm 0.079$	0.0235 $\pm 0.0032$ $\pm 0.0105$	0.0124 $\pm 0.0029$ $\pm 0.0085$
<b>2.0</b>	-	6.24 $\pm 2.85$ $\pm 2.97$	2.88 $\pm 0.86$ $\pm 1.09$	1.15 $\pm 0.14$ $\pm 0.35$	1.06 $\pm 0.19$ $\pm 0.41$	0.329 $\pm 0.062$ $\pm 0.163$	0.122 $\pm 0.028$ $\pm 0.071$	0.0412 $\pm 0.0079$ $\pm 0.0251$	0.0256 $\pm 0.0040$ $\pm 0.0171$	0.0101 $\pm 0.0055$ $\pm 0.0092$
<b>2.2</b>	-	1.89 $\pm 1.20$ $\pm 1.31$	-	-	0.563 $\pm 0.363$ $\pm 0.368$	-	-	-	0.00761 $\pm 0.00356$ $\pm 0.00402$	-

**ArAl**

<b>p<sub>T</sub>(GeV/c)</b>	<b>0.20</b>	<b>0.30</b>	<b>0.40</b>	<b>0.50</b>	<b>0.60</b>	<b>0.70</b>	<b>0.80</b>	<b>0.90</b>	<b>1.05</b>	<b>1.30</b>
<b>y</b>										
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**

<b>p<sub>T</sub>(GeV/c)</b>	<b>0.20</b>	<b>0.30</b>	<b>0.40</b>	<b>0.50</b>	<b>0.60</b>	<b>0.70</b>	<b>0.80</b>	<b>0.90</b>	<b>1.05</b>	<b>1.30</b>
<b>y</b>										
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 ± 0.077			
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**

<b>p<sub>T</sub> (GeV/c)</b>	<b>0.20</b>	<b>0.30</b>	<b>0.40</b>	<b>0.50</b>	<b>0.60</b>	<b>0.70</b>	<b>0.80</b>	<b>0.90</b>	<b>1.05</b>	<b>1.30</b>
<b>y</b>										
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**

<b>p<sub>T</sub> (GeV/c)</b>	<b>0.20</b>	<b>0.30</b>	<b>0.40</b>	<b>0.50</b>	<b>0.60</b>	<b>0.70</b>	<b>0.80</b>	<b>0.90</b>	<b>1.05</b>	<b>1.30</b>
<b>y</b>										
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:  $d^2N/dydp_T$  (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  $p_T$  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	0.00415 $\pm 0.00235$ $\pm 0.00237$	0.00542 $\pm 0.00192$ $\pm 0.00592$	0.00310 $\pm 0.00182$ $\pm 0.00304$	-	-	-
1.5	-	0.00404 $\pm 0.00117$ $\pm 0.00185$	0.0129 $\pm 0.0049$ $\pm 0.0055$	0.00925 $\pm 0.00241$ $\pm 0.00401$	0.0144 $\pm 0.0042$ $\pm 0.0076$	0.00183 $\pm 0.00068$ $\pm 0.00125$
1.9	-	-	0.121 $\pm 0.078$ $\pm 0.094$	0.00964 $\pm 0.00291$ $\pm 0.00708$	0.0141 $\pm 0.0064$ $\pm 0.0080$	0.000560 $\pm 0.000260$ $\pm 0.000260$

**ArAl**

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

**ArCu**

<b>p<sub>T</sub>(GeV/c)</b>	<b>0.3</b>	<b>0.5</b>	<b>0.7</b>	<b>0.9</b>	<b>1.15</b>	<b>1.45</b>
<b>y</b>						
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**

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

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  $p_T$  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	1.85 $\pm 0.13$ $\pm 0.11$	1.98 $\pm 0.05$ $\pm 0.08$	2.46 $\pm 0.05$ $\pm 0.11$	3.56 $\pm 0.07$ $\pm 0.19$	4.04 $\pm 0.07$ $\pm 0.16$
1.2	1.64 $\pm 0.06$ $\pm 0.10$	2.12 $\pm 0.04$ $\pm 0.07$	2.40 $\pm 0.04$ $\pm 0.08$	3.44 $\pm 0.05$ $\pm 0.14$	3.84 $\pm 0.05$ $\pm 0.12$
1.4	2.18 $\pm 0.05$ $\pm 0.09$	2.21 $\pm 0.02$ $\pm 0.06$	2.51 $\pm 0.03$ $\pm 0.07$	3.25 $\pm 0.03$ $\pm 0.12$	3.52 $\pm 0.03$ $\pm 0.12$
1.6	2.84 $\pm 0.03$ $\pm 0.29$	2.57 $\pm 0.01$ $\pm 0.08$	2.74 $\pm 0.01$ $\pm 0.08$	3.44 $\pm 0.02$ $\pm 0.12$	3.94 $\pm 0.02$ $\pm 0.12$

<b>System</b>	<b>ArC</b>	<b>ArAl</b>	<b>ArCu</b>	<b>ArSn</b>	<b>ArPb</b>
<b>y</b>					
1.8	4.12 ± 0.04 ± 0.36	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	6.45 ± 0.07 ± 0.58	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	4.57 ± 0.08 ± 0.30	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	1.64 ± 0.08 ± 0.06	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  $p_T$  and presented for different  $y$  bins. The first and second uncertainties are the statistical and systematic uncertainties, respectively.

<b>System</b>	<b>ArC</b>	<b>System</b>	<b>ArAl</b>	<b>ArCu</b>	<b>ArSn</b>	<b>ArPb</b>
<b>y</b>		<b>y</b>				
0.9	0.0470 ± 0.0090 ± 0.0070	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
1.2	0.0460 ± 0.0050 ± 0.0040	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
1.4	0.0690 ± 0.0120	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	0.158 ± 0.008	0.148 ± 0.007	0.221 ± 0.009	0.281 ± 0.011

System	ArC	System	ArAl	ArCu	ArSn	ArPb
y		y				
	$\pm 0.0110$		$\pm 0.010$	$\pm 0.011$	$\pm 0.020$	$\pm 0.026$
	0.173		0.224	0.250	0.302	0.370
1.6	$\pm 0.016$	1.6	$\pm 0.011$	$\pm 0.009$	$\pm 0.009$	$\pm 0.011$
	$\pm 0.014$		$\pm 0.021$	$\pm 0.035$	$\pm 0.028$	$\pm 0.025$
	0.429		0.417	0.388	0.558	0.555
1.8	$\pm 0.064$	1.8	$\pm 0.019$	$\pm 0.014$	$\pm 0.019$	$\pm 0.019$
	$\pm 0.140$		$\pm 0.077$	$\pm 0.061$	$\pm 0.029$	$\pm 0.037$
	2.01		1.25	0.921	0.988	1.14
2.0	$\pm 0.27$	2.0	$\pm 0.11$	$\pm 0.059$	$\pm 0.051$	$\pm 0.06$
	$\pm 0.68$		$\pm 0.46$	$\pm 0.066$	$\pm 0.107$	$\pm 0.13$
	1.72		1.98	1.04	1.52	1.09
2.2	$\pm 0.85$	2.2	$\pm 0.70$	$\pm 0.17$	$\pm 0.25$	$\pm 0.13$
	$\pm 0.32$		$\pm 0.24$	$\pm 0.06$	$\pm 0.32$	$\pm 0.29$

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  $p_T$  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					
	0.00359	0.00247	0.00809	0.0199	0.0251
1.1	$\pm 0.00107$	$\pm 0.00032$	$\pm 0.00062$	$\pm 0.0014$	$\pm 0.0014$
	$\pm 0.00176$	$\pm 0.00033$	$\pm 0.00051$	$\pm 0.0020$	$\pm 0.0021$
	0.00688	0.0114	0.0122	0.0164	0.0249
1.5	$\pm 0.00110$	$\pm 0.0016$	$\pm 0.0009$	$\pm 0.0010$	$\pm 0.0016$
	$\pm 0.00141$	$\pm 0.0010$	$\pm 0.0008$	$\pm 0.0024$	$\pm 0.0034$
	0.0197	0.0377	0.0319	0.0489	0.0628
1.9	$\pm 0.0080$	$\pm 0.0099$	$\pm 0.0098$	$\pm 0.0051$	$\pm 0.0092$
	$\pm 0.0101$	$\pm 0.0160$	$\pm 0.0087$	$\pm 0.0044$	$\pm 0.0049$

Table 16: Inverse slope  $T_0$  (GeV) from the fit  $d^2N/dydmT = C \cdot mT \cdot \exp(-(mT - mp)/T_0)$  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 $\pm 0.016$ $\pm 0.012$	0.140 $\pm 0.006$ $\pm 0.007$	0.141 $\pm 0.004$ $\pm 0.008$	0.151 $\pm 0.004$ $\pm 0.009$	0.138 $\pm 0.004$ $\pm 0.008$
1.2	0.156 $\pm 0.008$ $\pm 0.012$	0.169 $\pm 0.005$ $\pm 0.007$	0.162 $\pm 0.003$ $\pm 0.007$	0.169 $\pm 0.003$ $\pm 0.009$	0.158 $\pm 0.003$ $\pm 0.008$
1.4	0.128 $\pm 0.004$ $\pm 0.007$	0.146 $\pm 0.002$ $\pm 0.005$	0.148 $\pm 0.002$ $\pm 0.005$	0.143 $\pm 0.001$ $\pm 0.006$	0.149 $\pm 0.002$ $\pm 0.006$
1.6	0.0924 $\pm 0.0010$ $\pm 0.0047$	0.113 $\pm 0.001$ $\pm 0.004$	0.123 $\pm 0.001$ $\pm 0.004$	0.126 $\pm 0.001$ $\pm 0.005$	0.130 $\pm 0.001$ $\pm 0.004$
1.8	0.0817 $\pm 0.0008$ $\pm 0.0051$	0.0933 $\pm 0.0005$ $\pm 0.0023$	0.0988 $\pm 0.0005$ $\pm 0.0034$	0.100 $\pm 0.001$ $\pm 0.003$	0.107 $\pm 0.001$ $\pm 0.004$
2.0	0.0549 $\pm 0.0008$ $\pm 0.0044$	0.0665 $\pm 0.0004$ $\pm 0.0032$	0.0691 $\pm 0.0004$ $\pm 0.0032$	0.0719 $\pm 0.0004$ $\pm 0.0038$	0.0777 $\pm 0.0005$ $\pm 0.0038$
2.2	0.0488 $\pm 0.0008$ $\pm 0.0017$	0.0551 $\pm 0.0005$ $\pm 0.0015$	0.0588 $\pm 0.0006$ $\pm 0.0038$	0.0614 $\pm 0.0005$ $\pm 0.0038$	0.0625 $\pm 0.0006$ $\pm 0.0041$
2.4	0.0457 $\pm 0.0010$ $\pm 0.0009$	0.0518 $\pm 0.0014$ $\pm 0.0013$	0.0569 $\pm 0.0015$ $\pm 0.0010$	0.0615 $\pm 0.0017$ $\pm 0.0022$	0.0599 $\pm 0.0016$ $\pm 0.0012$

Table 17: Inverse slope  $T_0$  (GeV) from the fit  $d^2N/dydmT = C \cdot mT \cdot \exp(-(mT - md)/T_0)$  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	0.8	0.183	0.198	0.144	0.0792
	$\pm 0.008$		$\pm 0.089$	$\pm 0.076$	$\pm 0.025$	$\pm 0.0083$
1.2	$\pm 0.005$	1.0	0.233	0.187	0.156	0.193
			$\pm 0.102$	$\pm 0.060$	$\pm 0.026$	$\pm 0.039$
1.4		1.2	$\pm 0.019$	$\pm 0.060$	$\pm 0.018$	$\pm 0.091$
	0.0855		0.185	0.116	0.216	0.170
1.6	$\pm 0.0123$	1.4	$\pm 0.042$	$\pm 0.013$	$\pm 0.023$	$\pm 0.020$
	$\pm 0.0112$		$\pm 0.050$	$\pm 0.024$	$\pm 0.022$	$\pm 0.053$
1.8	0.0554	1.6	0.138	0.158	0.177	0.181
	$\pm 0.0067$		$\pm 0.013$	$\pm 0.013$	$\pm 0.012$	$\pm 0.011$
2.0	$\pm 0.0089$	1.8	$\pm 0.016$	$\pm 0.018$	$\pm 0.020$	$\pm 0.023$
	0.0618		0.0912	0.127	0.139	0.141
2.2	$\pm 0.0058$	2.0	$\pm 0.0050$	$\pm 0.006$	$\pm 0.006$	$\pm 0.006$
	$\pm 0.0107$		$\pm 0.0121$	$\pm 0.020$	$\pm 0.017$	$\pm 0.014$
0.9	0.0601	2.2	0.112	0.111	0.113	0.129
	$\pm 0.0052$		$\pm 0.006$	$\pm 0.004$	$\pm 0.005$	$\pm 0.006$
1.2	$\pm 0.0030$	0.8	$\pm 0.018$	$\pm 0.014$	$\pm 0.007$	$\pm 0.009$
	0.0379		0.0672	0.0743	0.0728	0.0772
1.4	$\pm 0.0018$	1.0	$\pm 0.0042$	$\pm 0.0039$	$\pm 0.0035$	$\pm 0.0035$
	$\pm 0.0039$		$\pm 0.0124$	$\pm 0.0039$	$\pm 0.0051$	$\pm 0.0090$
1.6	0.0371	1.2	0.0301	0.0332	0.0213	0.0401
	$\pm 0.0041$		$\pm 0.0069$	$\pm 0.0031$	$\pm 0.0031$	$\pm 0.0022$
1.8	$\pm 0.0020$	1.4	$\pm 0.0021$	$\pm 0.0009$	$\pm 0.0091$	$\pm 0.0059$

Table 18: Inverse slope  $T_0$  (GeV) from the fit  $d^2N/dydmT = C \cdot mT \cdot \exp(-(mT-mt)/T_0)$  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 $\pm 0.0291$ $\pm 0.0291$	0.0533 $\pm 0.0073$ $\pm 0.0061$	0.110 $\pm 0.008$ $\pm 0.013$	0.214 $\pm 0.025$ $\pm 0.031$	0.163 $\pm 0.013$ $\pm 0.020$
1.5	0.164 $\pm 0.029$ $\pm 0.037$	0.0697 $\pm 0.0075$ $\pm 0.0077$	0.111 $\pm 0.013$ $\pm 0.011$	0.121 $\pm 0.010$ $\pm 0.025$	0.152 $\pm 0.017$ $\pm 0.036$
1.9	0.0636 $\pm 0.0097$ $\pm 0.0068$	0.0514 $\pm 0.0040$ $\pm 0.0075$	0.0566 $\pm 0.0079$ $\pm 0.0043$	0.0985 $\pm 0.0095$ $\pm 0.0120$	0.101 $\pm 0.010$ $\pm 0.007$