Charged Hadron $\Delta\phi$ and p_{out} Per Trigger Yields in $p+p$ Collisions at $\sqrt{s} = 510$ GeV/c

(PHENIX Collaboration)

TABLE I. π^0-$h^\pm$ $\sqrt{\langle p_{\mathrm{out}}^2 \rangle}$ values from fits to the $\Delta\phi$ correlations.

$\langle p_T^{trig} \rangle$ (GeV/c)	$\langle p_T^{assoc} \rangle$ (GeV/c)	$\sqrt{\langle p_{\mathrm{out}}^2 \rangle}$ (GeV/c)	Statistical Error (GeV/c)	Systematic Error (GeV/c)
4.49	0.827	4.86e-01	9.55e-02	$+1.60e-02$ $-5.06e-02$
4.49	1.39	8.07e-01	8.27e-02	$+9.53e-03$ $-3.78e-02$
4.49	2.42	1.23e+00	5.98e-02	$+2.14e-02$ $-3.66e-03$
4.50	3.43	1.60e+00	5.26e-02	$+1.99e-02$ $-4.81e-02$
4.51	4.44	1.85e+00	5.42e-02	$+3.25e-02$ $-1.07e-02$
4.51	6.25	2.48e+00	7.17e-02	$+3.74e-02$ $-7.67e-02$
5.46	0.830	4.89e-01	7.41e-02	$+7.76e-03$ $-4.88e-02$
5.47	1.40	7.75e-01	6.30e-02	$+1.90e-03$ $-2.92e-02$
5.47	2.42	1.20e+00	4.98e-02	$+2.19e-02$ $-9.14e-03$
5.48	3.44	1.47e+00	4.36e-02	$+8.12e-03$ $-1.82e-02$
5.48	4.44	1.81e+00	4.57e-02	$+7.51e-03$ $-9.87e-04$
5.48	6.25	2.38e+00	5.87e-02	$+4.98e-03$ $-5.63e-02$
6.45	0.827	4.77e-01	5.99e-02	$+5.96e-03$ $-3.49e-02$
6.46	1.40	7.39e-01	5.04e-02	$+3.98e-03$ $-3.06e-02$
6.46	2.43	1.12e+00	3.99e-02	$+2.13e-02$ $-1.11e-02$
6.47	3.44	1.46e+00	3.88e-02	$+9.73e-03$ $-4.22e-03$
6.47	4.44	1.81e+00	4.55e-02	$+3.55e-02$ $-3.49e-02$
6.47	6.26	2.42e+00	5.50e-02	$+2.14e-02$ $-1.00e-01$
7.45	0.828	4.74e-01	5.13e-02	$+5.43e-03$ $-2.87e-02$
7.45	1.41	7.29e-01	4.39e-02	$+6.03e-03$ $-2.66e-02$
7.45	2.43	1.13e+00	3.80e-02	$+1.08e-02$ $-5.55e-04$
7.46	3.45	1.39e+00	3.57e-02	$+1.44e-02$ $-1.46e-02$
7.46	4.44	1.78e+00	4.07e-02	$+2.89e-02$ $-2.63e-02$
7.46	6.27	2.27e+00	4.86e-02	$+1.64e-03$ $-3.78e-02$
8.45	0.829	4.38e-01	3.94e-02	$+5.44e-03$ $-2.52e-02$
8.45	1.40	6.99e-01	3.72e-02	$+5.67e-03$ $-2.32e-02$
8.45	2.44	1.02e+00	3.21e-02	$+1.29e-02$ $-1.92e-02$
8.45	3.45	1.38e+00	3.48e-02	$+3.14e-02$ $-2.49e-02$
8.45	4.45	1.97e+00	4.26e-02	$+9.61e-03$ $-2.41e-02$
8.46	6.28	2.28e+00	6.13e-02	$+4.00e-02$ $-4.11e-02$
10.1	0.830	4.34e-01	3.50e-02	$+2.57e-03$ $-2.46e-02$
10.1	1.42	6.61e-01	3.14e-02	$+5.59e-04$ $-1.93e-02$
10.1	2.44	1.02e+00	3.00e-02	$+7.04e-03$ $-2.13e-02$
10.1	3.45	1.29e+00	2.84e-02	$+9.03e-03$ $-1.11e-02$
10.2	4.45	1.72e+00	3.58e-02	$+2.09e-02$ $-1.59e-02$
10.2	6.31	2.48e+00	5.04e-02	$+2.08e-02$ $-2.16e-02$
13.1	0.830	3.96e-01	2.47e-02	$+4.97e-03$ $-2.41e-02$
13.1	1.43	6.31e-01	2.57e-02	$+8.37e-03$ $-2.18e-02$
13.2	2.44	1.02e+00	2.60e-02	$+1.65e-02$ $-8.95e-03$
13.2	3.45	1.46e+00	3.16e-02	$+9.16e-03$ $-1.30e-02$
13.2	4.45	1.55e+00	3.26e-02	$+2.29e-02$ $-1.92e-02$
13.2	6.35	2.55e+00	4.61e-02	$+5.15e-03$ $-1.81e-02$

$\langle p_T^{trig} \rangle$ (GeV/c)	$\langle p_T^{assoc} \rangle$ (GeV/c)	$\sqrt{\langle p_{\mathrm{out}}^2 \rangle}$ (GeV/c)	Statistical Error (GeV/c)	Systematic Error (GeV/c)

TABLE II. Direct photon-h$^\pm$ $\sqrt{\langle p_{\text{out}}^2 \rangle}$ values from fits to the $\Delta\phi$ correlations.

$\langle p_T^{trig} \rangle$ (GeV/c)	$\langle p_T^{assoc} \rangle$ (GeV/c)	$\sqrt{\langle p_{\text{out}}^2 \rangle}$ (GeV/c)	Statistical Error (GeV/c)	Systematic Error (GeV/c)
7.43	0.821	8.68e-01	7.41e-02	$+1.74e-02$ $-8.31e-02$
7.43	1.37	1.30e+00	7.28e-02	$+5.42e-02$ $-9.76e-02$
7.44	2.40	2.20e+00	7.47e-02	$+3.33e-02$ $-5.31e-02$
7.45	3.43	3.56e+00	1.36e-01	$+1.59e-01$ $-3.26e-01$
8.44	0.820	8.97e-01	4.66e-02	$+1.44e-01$ $-1.03e-01$
8.44	1.37	1.05e+00	7.26e-02	$+3.32e-02$ $-4.88e-02$
8.44	2.41	2.44e+00	1.97e-01	$+5.64e-01$ $-5.64e-01$
8.45	3.42	2.99e+00	1.33e-01	$+3.28e-01$ $-4.50e-01$
8.44	4.44	2.92e+00	4.89e-02	$+6.63e-02$ $-2.26e-02$
8.49	6.31	4.38e+00	1.05e-01	$+2.53e-02$ $-7.51e-02$
10.1	0.824	4.57e-01	3.61e-02	$+2.06e-02$ $-1.60e-02$
10.1	1.38	7.84e-01	4.51e-02	$+2.80e-02$ $-2.47e-02$
10.1	2.41	1.34e+00	4.24e-02	$+1.96e-02$ $-3.06e-02$
10.2	3.43	1.87e+00	5.42e-02	$+1.65e-03$ $-4.18e-02$
10.2	4.43	3.12e+00	1.13e-01	$+6.66e-02$ $-1.20e-01$
10.2	6.27	4.00e+00	7.46e-02	$+2.65e-02$ $-5.96e-02$
13.2	0.825	7.28e-01	9.06e-02	$+4.38e-02$ $-1.05e-01$
13.2	1.39	6.22e-01	4.61e-02	$+2.67e-02$ $-2.34e-02$
13.3	2.42	9.02e-01	4.04e-02	$+2.27e-02$ $-4.29e-02$
13.3	3.44	1.75e+00	6.08e-02	$+1.40e-02$ $-2.14e-02$
13.3	4.44	2.20e+00	6.21e-02	$+1.83e-02$ $-5.33e-02$

TABLE III. π^0 per trigger yields as a function of p_{out} in the 4-5 GeV/c bin.

p_{out} (GeV/c)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-8.10	2.35E-08	4.01E-08	2.12E-09
-6.62	3.12E-06	4.62E-07	2.81E-07
-5.74	8.28E-06	7.52E-07	7.45E-07
-5.24	1.37E-05	9.66E-07	1.23E-06
-4.72	3.07E-05	1.45E-06	2.76E-06
-4.22	4.63E-05	1.78E-06	4.17E-06
-3.72	1.03E-04	2.65E-06	9.28E-06
-3.22	2.29E-04	3.96E-06	2.06E-05
-2.72	4.93E-04	5.81E-06	4.44E-05
-2.22	1.18E-03	8.98E-06	1.06E-04
-1.90	2.29E-03	1.25E-05	2.06E-04
-1.64	3.55E-03	1.56E-05	3.19E-04
-1.43	5.08E-03	1.87E-05	4.57E-04
-1.28	6.90E-03	2.18E-05	6.21E-04
-1.13	9.80E-03	2.60E-05	8.82E-04
-0.97	1.52E-02	3.25E-05	1.37E-03
-0.82	2.37E-02	4.08E-05	2.14E-03
-0.68	3.62E-02	5.06E-05	3.26E-03
-0.53	5.21E-02	6.12E-05	4.69E-03
-0.38	6.65E-02	6.96E-05	5.98E-03
-0.23	8.20E-02	7.79E-05	7.38E-03
-0.08	8.43E-02	7.90E-05	7.59E-03
0.07	8.38E-02	7.88E-05	7.54E-03
0.22	8.31E-02	7.84E-05	7.48E-03
0.37	6.83E-02	7.06E-05	6.15E-03
0.52	5.67E-02	6.40E-05	5.11E-03
0.67	3.92E-02	5.28E-05	3.53E-03
0.82	2.56E-02	4.23E-05	2.30E-03
0.96	1.63E-02	3.36E-05	1.46E-03
1.12	1.06E-02	2.71E-05	9.57E-04
1.27	7.45E-03	2.26E-05	6.70E-04
1.42	5.41E-03	1.93E-05	4.87E-04
1.60	3.90E-03	1.64E-05	3.51E-04
1.84	2.44E-03	1.29E-05	2.19E-04
2.21	1.23E-03	9.16E-06	1.10E-04
2.72	5.51E-04	6.14E-06	4.96E-05
3.22	2.38E-04	4.03E-06	2.14E-05
3.73	1.14E-04	2.79E-06	1.02E-05
4.22	5.38E-05	1.92E-06	4.84E-06
4.73	2.83E-05	1.39E-06	2.55E-06
5.23	1.91E-05	1.14E-06	1.72E-06
5.73	1.09E-05	8.63E-07	9.80E-07
6.60	5.31E-06	6.02E-07	4.78E-07
8.12	2.40E-07	1.28E-07	2.16E-08

TABLE IV. π^0 per trigger yields as a function of p_{out} in the 5-6 GeV/c bin.

p_{out} (GeV/c)	Per Trigger Yield $(\mathrm{GeV/c})^{-1}$	Statistical Error $(\mathrm{GeV/c})^{-1}$	Systematic Error $(\mathrm{GeV/c})^{-1}$
-8.10	1.93E-07	1.34E-07	1.73E-08
-6.62	4.33E-06	6.37E-07	3.90E-07
-5.74	1.40E-05	1.15E-06	1.26E-06
-5.24	2.32E-05	1.47E-06	2.09E-06
-4.72	3.60E-05	1.84E-06	3.24E-06
-4.22	7.33E-05	2.62E-06	6.60E-06
-3.72	1.53E-04	3.79E-06	1.38E-05
-3.22	3.03E-04	5.33E-06	2.73E-05
-2.72	6.41E-04	7.75E-06	5.77E-05
-2.22	1.49E-03	1.18E-05	1.34E-04
-1.90	2.86E-03	1.64E-05	2.57E-04
-1.64	4.67E-03	2.10E-05	4.21E-04
-1.43	6.56E-03	2.49E-05	5.90E-04
-1.28	9.05E-03	2.93E-05	8.15E-04
-1.13	1.29E-02	3.50E-05	1.16E-03
-0.97	1.98E-02	4.35E-05	1.78E-03
-0.82	3.06E-02	5.44E-05	2.76E-03
-0.68	4.82E-02	6.88E-05	4.34E-03
-0.53	7.05E-02	8.41E-05	6.35E-03
-0.38	8.99E-02	9.58E-05	8.09E-03
-0.23	1.10E-01	1.07E-04	9.87E-03
-0.08	1.13E-01	1.09E-04	1.02E-02
0.07	1.12E-01	1.08E-04	1.01E-02
0.22	1.10E-01	1.07E-04	9.87E-03
0.37	9.29E-02	9.75E-05	8.36E-03
0.52	7.63E-02	8.77E-05	6.87E-03
0.67	5.22E-02	7.17E-05	4.70E-03
0.82	3.33E-02	5.68E-05	2.99E-03
0.96	2.11E-02	4.50E-05	1.90E-03
1.12	1.37E-02	3.61E-05	1.24E-03
1.27	9.70E-03	3.03E-05	8.73E-04
1.42	7.09E-03	2.59E-05	6.38E-04
1.60	4.89E-03	2.15E-05	4.40E-04
1.84	3.09E-03	1.71E-05	2.78E-04
2.21	1.58E-03	1.22E-05	1.42E-04
2.72	6.82E-04	8.00E-06	6.14E-05
3.22	3.29E-04	5.55E-06	2.96E-05
3.73	1.64E-04	3.92E-06	1.48E-05
4.22	6.93E-05	2.55E-06	6.24E-06
4.73	4.69E-05	2.10E-06	4.22E-06
5.23	2.31E-05	1.47E-06	2.08E-06
5.73	1.35E-05	1.12E-06	1.21E-06
6.60	4.30E-06	6.35E-07	3.87E-07
8.12	2.20E-07	1.44E-07	1.98E-08

TABLE V. π^0 per trigger yields as a function of p_{out} in the $6-7$ GeV/c bin.

p_{out} (GeV/c)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-8.10	3.34E-07	2.27E-07	3.01E-08
-6.62	4.92E-06	8.71E-07	4.43E-07
-5.74	1.92E-05	1.72E-06	1.73E-06
-5.24	3.01E-05	2.15E-06	2.71E-06
-4.72	5.58E-05	2.93E-06	5.02E-06
-4.22	9.38E-05	3.80E-06	8.44E-06
-3.72	2.03E-04	5.60E-06	1.83E-05
-3.22	3.85E-04	7.70E-06	3.46E-05
-2.72	8.81E-04	1.17E-05	7.93E-05
-2.22	1.92E-03	1.72E-05	1.73E-04
-1.90	3.51E-03	2.33E-05	3.16E-04
-1.64	5.54E-03	2.93E-05	4.98E-04
-1.43	8.10E-03	3.55E-05	7.29E-04
-1.28	1.13E-02	4.19E-05	1.01E-03
-1.13	1.60E-02	5.00E-05	1.44E-03
-0.97	2.40E-02	6.16E-05	2.16E-03
-0.82	3.74E-02	7.73E-05	3.36E-03
-0.68	6.03E-02	9.92E-05	5.42E-03
-0.53	8.83E-02	1.22E-04	7.95E-03
-0.38	1.13E-01	1.39E-04	1.02E-02
-0.23	1.37E-01	1.55E-04	1.24E-02
-0.08	1.43E-01	1.59E-04	1.29E-02
0.07	1.43E-01	1.59E-04	1.29E-02
0.22	1.39E-01	1.56E-04	1.25E-02
0.37	1.16E-01	1.42E-04	1.05E-02
0.52	9.47E-02	1.26E-04	8.53E-03
0.67	6.46E-02	1.03E-04	5.82E-03
0.82	4.01E-02	8.02E-05	3.61E-03
0.96	2.57E-02	6.38E-05	2.32E-03
1.12	1.73E-02	5.21E-05	1.56E-03
1.27	1.18E-02	4.29E-05	1.06E-03
1.42	8.55E-03	3.65E-05	7.70E-04
1.60	5.86E-03	3.01E-05	5.27E-04
1.84	3.80E-03	2.42E-05	3.42E-04
2.21	2.05E-03	1.78E-05	1.84E-04
2.72	9.07E-04	1.18E-05	8.16E-05
3.22	4.40E-04	8.24E-06	3.96E-05
3.73	2.15E-04	5.75E-06	1.93E-05
4.22	1.03E-04	3.98E-06	9.26E-06
4.73	4.99E-05	2.77E-06	4.49E-06
5.23	3.40E-05	2.29E-06	3.06E-06
5.73	2.51E-05	1.97E-06	2.26E-06
6.60	5.22E-06	8.97E-07	4.70E-07
8.12	2.01E-07	1.76E-07	1.81E-08

TABLE VI. π^0 per trigger yields as a function of p_{out} in the 7-8 GeV/c bin.

p_{out} (GeV/c)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-6.62	6.06E-06	1.29E-06	5.45E-07
-5.74	2.50E-05	2.61E-06	2.25E-06
-5.24	3.27E-05	2.99E-06	2.95E-06
-4.72	5.60E-05	3.91E-06	5.04E-06
-4.22	1.07E-04	5.41E-06	9.67E-06
-3.72	2.46E-04	8.20E-06	2.22E-05
-3.22	4.69E-04	1.13E-05	4.22E-05
-2.72	1.05E-03	1.70E-05	9.48E-05
-2.22	2.20E-03	2.45E-05	1.98E-04
-1.90	4.22E-03	3.40E-05	3.79E-04
-1.64	6.70E-03	4.29E-05	6.03E-04
-1.43	9.47E-03	5.11E-05	8.52E-04
-1.28	1.31E-02	6.01E-05	1.18E-03
-1.13	1.85E-02	7.17E-05	1.66E-03
-0.97	2.84E-02	8.92E-05	2.55E-03
-0.82	4.36E-02	1.11E-04	3.93E-03
-0.68	7.20E-02	1.45E-04	6.48E-03
-0.53	1.06E-01	1.79E-04	9.55E-03
-0.38	1.37E-01	2.06E-04	1.23E-02
-0.23	1.66E-01	2.30E-04	1.49E-02
-0.08	1.71E-01	2.34E-04	1.54E-02
0.07	1.73E-01	2.36E-04	1.56E-02
0.22	1.66E-01	2.30E-04	1.49E-02
0.37	1.40E-01	2.08E-04	1.26E-02
0.52	1.13E-01	1.85E-04	1.02E-02
0.67	7.63E-02	1.50E-04	6.87E-03
0.82	4.65E-02	1.15E-04	4.19E-03
0.96	2.95E-02	9.10E-05	2.65E-03
1.12	1.94E-02	7.35E-05	1.75E-03
1.27	1.38E-02	6.18E-05	1.24E-03
1.42	1.01E-02	5.28E-05	9.09E-04
1.60	7.13E-03	4.43E-05	6.42E-04
1.84	4.52E-03	3.52E-05	4.07E-04
2.21	2.24E-03	2.47E-05	2.01E-04
2.72	1.06E-03	1.70E-05	9.51E-05
3.22	5.19E-04	1.19E-05	4.67E-05
3.73	2.31E-04	7.94E-06	2.08E-05
4.22	1.37E-04	6.10E-06	1.23E-05
4.73	6.69E-05	4.27E-06	6.02E-06
5.23	4.01E-05	3.31E-06	3.61E-06
5.73	2.77E-05	2.75E-06	2.50E-06
6.60	7.04E-06	1.39E-06	6.34E-07
8.12	1.40E-07	1.95E-07	1.26E-08

TABLE VII. π^0 per trigger yields as a function of p_{out} in the 8-9 GeV/c bin.

p_{out} (GeV/c)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-8.10	4.35E-07	4.72E-07	3.92E-08
-6.62	8.24E-06	2.05E-06	7.41E-07
-5.74	2.73E-05	3.74E-06	2.45E-06
-5.24	2.80E-05	3.79E-06	2.52E-06
-4.72	8.74E-05	6.69E-06	7.87E-06
-4.22	1.58E-04	8.99E-06	1.42E-05
-3.72	3.34E-04	1.31E-05	3.00E-05
-3.22	6.37E-04	1.81E-05	5.74E-05
-2.72	1.24E-03	2.52E-05	1.11E-04
-2.22	2.59E-03	3.65E-05	2.33E-04
-1.90	4.86E-03	5.00E-05	4.37E-04
-1.64	7.64E-03	6.28E-05	6.87E-04
-1.43	1.13E-02	7.66E-05	1.02E-03
-1.28	1.54E-02	8.96E-05	1.39E-03
-1.13	2.12E-02	1.05E-04	1.91E-03
-0.97	3.24E-02	1.31E-04	2.92E-03
-0.82	5.08E-02	1.65E-04	4.57E-03
-0.68	8.16E-02	2.13E-04	7.34E-03
-0.53	1.23E-01	2.66E-04	1.11E-02
-0.38	1.61E-01	3.09E-04	1.45E-02
-0.23	1.97E-01	3.47E-04	1.77E-02
-0.08	2.08E-01	3.59E-04	1.88E-02
0.07	2.09E-01	3.60E-04	1.88E-02
0.22	1.97E-01	3.47E-04	1.77E-02
0.37	1.66E-01	3.15E-04	1.49E-02
0.52	1.30E-01	2.75E-04	1.17E-02
0.67	8.76E-02	2.21E-04	7.88E-03
0.82	5.37E-02	1.70E-04	4.83E-03
0.96	3.40E-02	1.34E-04	3.06E-03
1.12	2.32E-02	1.10E-04	2.09E-03
1.27	1.66E-02	9.31E-05	1.50E-03
1.42	1.10E-02	7.55E-05	9.92E-04
1.60	7.80E-03	6.34E-05	7.02E-04
1.84	4.93E-03	5.04E-05	4.44E-04
2.21	2.71E-03	3.73E-05	2.44E-04
2.72	1.28E-03	2.56E-05	1.15E-04
3.22	6.39E-04	1.81E-05	5.75E-05
3.73	2.71E-04	1.18E-05	2.44E-05
4.22	1.29E-04	8.12E-06	1.16E-05
4.73	6.57E-05	5.80E-06	5.91E-06
5.23	5.79E-05	5.45E-06	5.22E-06
5.73	4.04E-05	4.55E-06	3.64E-06
6.60	1.71E-05	2.96E-06	1.54E-06
8.12	3.21E-07	4.05E-07	2.89E-08

TABLE VIII. π^0 per trigger yields as a function of p_{out} in the 9-12 GeV/c bin.

p_{out} (GeV/c)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-6.62	6.67E-06	1.85E-06	6.00E-07
-5.74	3.41E-05	4.18E-06	3.07E-06
-5.24	3.98E-05	4.52E-06	3.58E-06
-4.72	8.36E-05	6.55E-06	7.52E-06
-4.22	1.72E-04	9.38E-06	1.55E-05
-3.72	3.30E-04	1.30E-05	2.97E-05
-3.22	7.89E-04	2.01E-05	7.10E-05
-2.72	1.45E-03	2.73E-05	1.31E-04
-2.22	3.13E-03	4.01E-05	2.82E-04
-1.90	5.90E-03	5.51E-05	5.31E-04
-1.64	8.96E-03	6.80E-05	8.06E-04
-1.43	1.32E-02	8.29E-05	1.19E-03
-1.28	1.85E-02	9.83E-05	1.67E-03
-1.13	2.54E-02	1.15E-04	2.28E-03
-0.97	3.87E-02	1.44E-04	3.48E-03
-0.82	5.95E-02	1.80E-04	5.35E-03
-0.68	9.71E-02	2.34E-04	8.74E-03
-0.53	1.45E-01	2.92E-04	1.31E-02
-0.38	1.91E-01	3.42E-04	1.72E-02
-0.23	2.40E-01	3.91E-04	2.16E-02
-0.08	2.56E-01	4.06E-04	2.30E-02
0.07	2.55E-01	4.05E-04	2.30E-02
0.22	2.44E-01	3.95E-04	2.20E-02
0.37	1.98E-01	3.49E-04	1.78E-02
0.52	1.55E-01	3.03E-04	1.40E-02
0.67	1.02E-01	2.40E-04	9.21E-03
0.82	6.31E-02	1.85E-04	5.68E-03
0.96	4.06E-02	1.47E-04	3.66E-03
1.12	2.66E-02	1.18E-04	2.39E-03
1.27	1.89E-02	9.92E-05	1.70E-03
1.42	1.37E-02	8.44E-05	1.23E-03
1.60	9.32E-03	6.94E-05	8.39E-04
1.84	6.10E-03	5.61E-05	5.49E-04
2.21	3.39E-03	4.18E-05	3.05E-04
2.72	1.58E-03	2.85E-05	1.42E-04
3.22	8.21E-04	2.05E-05	7.39E-05
3.73	4.25E-04	1.48E-05	3.83E-05
4.22	1.86E-04	9.77E-06	1.68E-05
4.73	1.06E-04	7.36E-06	9.51E-06
5.23	5.99E-05	5.54E-06	5.39E-06
5.73	2.55E-05	3.61E-06	2.29E-06
6.60	9.02E-06	2.15E-06	8.12E-07

TABLE IX. π^0 per trigger yields as a function of p_{out} in the 12-15 GeV/c bin.

p_{out} (GeV/c)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-6.62	1.14E-05	5.60E-06	1.03E-06
-5.74	5.27E-05	1.20E-05	4.74E-06
-5.24	7.89E-05	1.47E-05	7.10E-06
-4.72	7.48E-05	1.44E-05	6.74E-06
-4.22	1.90E-04	2.29E-05	1.71E-05
-3.72	4.27E-04	3.43E-05	3.84E-05
-3.22	8.77E-04	4.91E-05	7.89E-05
-2.72	1.90E-03	7.23E-05	1.71E-04
-2.22	4.48E-03	1.11E-04	4.03E-04
-1.90	9.08E-03	1.59E-04	8.17E-04
-1.64	1.16E-02	1.80E-04	1.04E-03
-1.43	1.83E-02	2.26E-04	1.65E-03
-1.28	2.48E-02	2.64E-04	2.23E-03
-1.13	3.42E-02	3.12E-04	3.08E-03
-0.97	4.98E-02	3.79E-04	4.48E-03
-0.82	7.61E-02	4.75E-04	6.85E-03
-0.68	1.24E-01	6.18E-04	1.11E-02
-0.53	1.82E-01	7.68E-04	1.63E-02
-0.38	2.57E-01	9.42E-04	2.31E-02
-0.23	3.27E-01	1.09E-03	2.95E-02
-0.08	3.55E-01	1.15E-03	3.20E-02
0.07	3.51E-01	1.14E-03	3.16E-02
0.22	3.30E-01	1.10E-03	2.97E-02
0.37	2.53E-01	9.33E-04	2.27E-02
0.52	1.99E-01	8.10E-04	1.79E-02
0.67	1.26E-01	6.25E-04	1.13E-02
0.82	7.82E-02	4.82E-04	7.04E-03
0.96	5.31E-02	3.92E-04	4.77E-03
1.12	3.53E-02	3.17E-04	3.18E-03
1.27	2.30E-02	2.54E-04	2.07E-03
1.42	1.98E-02	2.36E-04	1.78E-03
1.60	1.29E-02	1.89E-04	1.16E-03
1.84	8.58E-03	1.54E-04	7.72E-04
2.21	4.34E-03	1.10E-04	3.91E-04
2.72	1.90E-03	7.23E-05	1.71E-04
3.22	1.17E-03	5.68E-05	1.05E-04
3.73	3.80E-04	3.24E-05	3.42E-05
4.22	2.26E-04	2.49E-05	2.03E-05
4.73	1.30E-04	1.89E-05	1.17E-05
5.23	1.18E-04	1.80E-05	1.06E-05
5.73	2.30E-05	7.95E-06	2.07E-06
6.60	1.39E-05	6.18E-06	1.25E-06

TABLE X. Direct photon per trigger yields as a function of p_{out} in the 7-8 GeV/c bin.

p_{out} (GeV/c)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-7.39	2.64e-05	1.47e-05	2.78e-06
-5.73	1.11e-04	6.19e-05	1.17e-05
-4.42	2.06e-04	1.45e-04	2.16e-05
-3.39	6.20e-04	2.58e-04	6.52e-05
-2.72	4.51e-04	4.04e-04	4.83e-05
-2.21	1.08e-03	5.66e-04	1.15e-04
-1.90	1.95e-03	7.71e-04	2.07e-04
-1.64	2.50e-03	9.59e-04	2.66e-04
-1.43	5.06e-03	1.13e-03	5.34e-04
-1.28	6.52e-03	1.38e-03	6.88e-04
-1.12	1.18e-02	1.68e-03	1.25e-03
-0.97	2.54e-02	2.10e-03	2.67e-03
-0.82	3.82e-02	2.64e-03	4.02e-03
-0.67	5.85e-02	3.37e-03	6.16e-03
-0.53	8.00e-02	4.13e-03	8.43e-03
-0.38	1.09e-01	4.65e-03	1.14e-02
-0.23	1.08e-01	5.11e-03	1.14e-02
-0.08	1.30e-01	5.16e-03	1.37e-02
0.07	1.24e-01	5.17e-03	1.30e-02
0.23	1.12e-01	5.04e-03	1.17e-02
0.37	9.78e-02	4.72e-03	1.03e-02
0.52	1.08e-01	4.23e-03	1.14e-02
0.67	6.49e-02	3.48e-03	6.84e-03
0.81	3.91e-02	2.69e-03	4.12e-03
0.96	2.32e-02	2.11e-03	2.45e-03
1.11	1.72e-02	1.70e-03	1.81e-03
1.27	8.03e-03	1.45e-03	8.47e-04
1.42	6.13e-03	1.19e-03	6.47e-04
1.59	-2.32e-03	9.89e-04	2.51e-04
1.84	-1.06e-03	7.84e-04	1.19e-04
2.21	3.59e-04	5.62e-04	4.29e-05
2.71	1.24e-03	4.11e-04	1.31e-04
3.40	6.57e-04	2.65e-04	6.91e-05
4.42	-1.04e-04	1.49e-04	1.10e-05
5.68	-3.91e-06	7.66e-05	4.12e-07
7.49	-9.90e-06	1.53e-05	1.04e-06

TABLE XI. Direct photon per trigger yields as a function of p_{out} in the 8-9 GeV/c bin.

p_{out} (GeV/c)	Per Trigger Yield $(\mathrm{GeV/c})^{-1}$	Statistical Error $(\mathrm{GeV/c})^{-1}$	Systematic Error $(\mathrm{GeV/c})^{-1}$
-7.39	-6.74e-06	2.04e-05	7.59e-07
-5.73	3.78e-05	5.00e-05	4.26e-06
-4.42	2.62e-04	1.22e-04	2.95e-05
-3.39	8.51e-05	2.26e-04	9.80e-06
-2.72	2.87e-04	3.27e-04	3.34e-05
-2.21	1.76e-03	4.75e-04	1.99e-04
-1.90	5.42e-03	6.37e-04	6.10e-04
-1.64	4.99e-03	7.96e-04	5.62e-04
-1.43	7.13e-03	9.99e-04	8.03e-04
-1.28	7.65e-03	1.17e-03	8.63e-04
-1.12	1.50e-02	1.39e-03	1.70e-03
-0.97	2.14e-02	1.72e-03	2.41e-03
-0.82	3.31e-02	2.18e-03	3.73e-03
-0.67	7.70e-02	2.79e-03	8.68e-03
-0.53	1.34e-01	3.49e-03	1.51e-02
-0.38	1.46e-01	3.96e-03	1.65e-02
-0.23	1.51e-01	4.40e-03	1.70e-02
-0.08	1.61e-01	4.51e-03	1.82e-02
0.07	1.41e-01	4.42e-03	1.59e-02
0.23	1.40e-01	4.31e-03	1.58e-02
0.37	1.51e-01	4.00e-03	1.70e-02
0.52	1.50e-01	3.55e-03	1.69e-02
0.67	9.92e-02	2.93e-03	1.12e-02
0.81	3.85e-02	2.21e-03	4.33e-03
0.96	2.42e-02	1.74e-03	2.72e-03
1.11	1.48e-02	1.42e-03	1.67e-03
1.27	1.22e-02	1.18e-03	1.38e-03
1.42	1.65e-02	9.82e-04	1.86e-03
1.59	7.69e-03	8.25e-04	8.66e-04
1.84	5.91e-03	6.63e-04	6.66e-04
2.21	1.77e-03	4.61e-04	1.99e-04
2.71	1.38e-03	3.20e-04	1.55e-04
3.40	6.92e-04	2.15e-04	7.79e-05
4.42	3.00e-04	1.23e-04	3.38e-05
5.68	3.38e-05	7.33e-05	3.80e-06
7.49	-9.29e-06	1.55e-05	1.05e-06

TABLE XII. Direct photon per trigger yields as a function of p_{out} in the 9-12 GeV/c bin.

p_{out} (GeV/c)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-7.39	1.07e-05	8.46e-06	1.30e-06
-5.73	-9.94e-06	3.16e-05	1.21e-06
-4.42	1.74e-04	6.71e-05	2.11e-05
-3.39	6.76e-04	1.41e-04	8.22e-05
-2.72	3.70e-04	1.94e-04	4.50e-05
-2.21	1.72e-03	2.94e-04	2.10e-04
-1.90	3.98e-03	3.75e-04	4.84e-04
-1.64	5.67e-03	4.85e-04	6.90e-04
-1.43	9.02e-03	5.78e-04	1.10e-03
-1.28	1.14e-02	7.01e-04	1.39e-03
-1.12	1.77e-02	8.35e-04	2.15e-03
-0.97	3.07e-02	1.04e-03	3.74e-03
-0.82	4.11e-02	1.31e-03	5.00e-03
-0.67	6.29e-02	1.72e-03	7.65e-03
-0.53	9.63e-02	2.14e-03	1.17e-02
-0.38	1.49e-01	2.43e-03	1.82e-02
-0.23	1.63e-01	2.73e-03	1.98e-02
-0.08	1.75e-01	2.80e-03	2.12e-02
0.07	1.80e-01	2.77e-03	2.19e-02
0.23	1.44e-01	2.70e-03	1.75e-02
0.37	1.40e-01	2.48e-03	1.70e-02
0.52	1.12e-01	2.20e-03	1.37e-02
0.67	7.03e-02	1.73e-03	8.56e-03
0.81	4.84e-02	1.33e-03	5.89e-03
0.96	3.01e-02	1.05e-03	3.66e-03
1.11	2.30e-02	8.49e-04	2.80e-03
1.27	1.25e-02	6.95e-04	1.52e-03
1.42	1.11e-02	5.91e-04	1.35e-03
1.59	7.96e-03	4.89e-04	9.68e-04
1.84	5.42e-03	3.86e-04	6.59e-04
2.21	1.91e-03	2.85e-04	2.33e-04
2.71	7.51e-04	2.02e-04	9.14e-05
3.40	4.64e-04	1.41e-04	5.65e-05
4.42	2.65e-04	6.62e-05	3.22e-05
5.68	1.25e-04	3.99e-05	1.52e-05
7.49	-8.11e-06	9.04e-06	9.87e-07

TABLE XIII. Direct photon per trigger yields as a function of p_{out} in the 12-15 GeV/c bin.

p_{out} (GeV/c)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-7.39	1.23e-05	1.56e-05	1.76e-06
-5.73	-2.18e-05	5.96e-05	3.11e-06
-4.42	2.24e-04	1.10e-04	3.21e-05
-3.39	9.46e-04	2.45e-04	1.35e-04
-2.72	1.67e-03	3.62e-04	2.39e-04
-2.21	3.25e-03	4.98e-04	4.64e-04
-1.90	3.20e-03	6.47e-04	4.57e-04
-1.64	4.87e-03	7.64e-04	6.96e-04
-1.43	1.02e-02	9.41e-04	1.45e-03
-1.28	1.22e-02	1.14e-03	1.74e-03
-1.12	1.57e-02	1.35e-03	2.24e-03
-0.97	2.56e-02	1.72e-03	3.66e-03
-0.82	5.28e-02	2.16e-03	7.54e-03
-0.67	1.16e-01	2.86e-03	1.66e-02
-0.53	1.93e-01	3.52e-03	2.75e-02
-0.38	1.94e-01	4.15e-03	2.78e-02
-0.23	2.15e-01	4.71e-03	3.07e-02
-0.08	2.58e-01	4.92e-03	3.68e-02
0.07	2.55e-01	4.82e-03	3.64e-02
0.23	2.13e-01	4.57e-03	3.04e-02
0.37	2.10e-01	4.04e-03	3.00e-02
0.52	1.77e-01	3.57e-03	2.53e-02
0.67	1.30e-01	2.79e-03	1.86e-02
0.81	5.69e-02	2.12e-03	8.13e-03
0.96	2.72e-02	1.66e-03	3.88e-03
1.11	2.34e-02	1.35e-03	3.34e-03
1.27	2.00e-02	1.12e-03	2.86e-03
1.42	7.19e-03	1.04e-03	1.03e-03
1.59	1.00e-02	7.90e-04	1.43e-03
1.84	4.86e-03	6.82e-04	6.95e-04
2.21	4.59e-03	4.94e-04	6.55e-04
2.71	2.11e-03	3.54e-04	3.01e-04
3.40	1.37e-03	2.36e-04	1.96e-04
4.42	1.75e-04	1.06e-04	2.49e-05
5.68	7.03e-05	4.80e-05	1.00e-05
7.49	6.75e-05	3.65e-05	9.64e-06

TABLE XIV. π^0 per-trigger yields as a function of $\Delta\phi$ for $4 < p_T^{trig} < 5 \otimes 0.7 < p_T^{assoc} < 1$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\mathrm{GeV/c})^{-1}$	Statistical Error $(\mathrm{GeV/c})^{-1}$	Systematic Error $(\mathrm{GeV/c})^{-1}$
-1.06	9.06e-02	8.22e-05	7.24e-03
-0.89	9.53e-02	8.44e-05	7.62e-03
-0.72	1.13e-01	9.25e-05	9.01e-03
-0.55	1.23e-01	9.70e-05	9.81e-03
-0.38	1.75e-01	1.19e-04	1.40e-02
-0.21	2.14e-01	1.33e-04	1.71e-02
-0.04	2.15e-01	1.34e-04	1.72e-02
0.13	2.02e-01	1.29e-04	1.62e-02
0.30	1.83e-01	1.22e-04	1.46e-02
0.48	1.35e-01	1.02e-04	1.08e-02
0.65	1.06e-01	8.96e-05	8.50e-03
0.82	9.49e-02	8.42e-05	7.59e-03
0.99	8.96e-02	8.17e-05	7.17e-03
1.16	1.02e-01	8.75e-05	8.13e-03
1.33	9.65e-02	8.51e-05	7.72e-03
1.50	9.58e-02	8.47e-05	7.66e-03
1.67	1.12e-01	9.23e-05	8.96e-03
1.84	1.10e-01	9.12e-05	8.77e-03
2.01	1.17e-01	9.45e-05	9.36e-03
2.18	1.17e-01	9.45e-05	9.36e-03
2.35	1.21e-01	9.63e-05	9.69e-03
2.52	1.24e-01	9.76e-05	9.91e-03
2.70	1.31e-01	1.01e-04	1.05e-02
2.87	1.33e-01	1.02e-04	1.07e-02
3.04	1.30e-01	1.00e-04	1.04e-02
3.21	1.34e-01	1.02e-04	1.07e-02
3.38	1.29e-01	9.97e-05	1.03e-02
3.55	1.23e-01	9.71e-05	9.82e-03
3.72	1.08e-01	9.05e-05	8.65e-03
3.89	1.05e-01	8.91e-05	8.41e-03
4.06	9.85e-02	8.60e-05	7.88e-03
4.23	9.06e-02	8.22e-05	7.25e-03
4.40	8.45e-02	7.91e-05	6.76e-03
4.57	9.19e-02	8.28e-05	7.36e-03
4.74	9.22e-02	9.72e-05	8.30e-03
4.88	8.60e-02	7.99e-05	6.88e-03
5.05	8.87e-02	8.12e-05	7.09e-03

TABLE XV. π^0 per-trigger yields as a function of $\Delta\phi$ for $4 < p_T^{trig} < 5 \otimes 1 < p_T^{assoc} < 2$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(GeV/c)^{-1}$	Statistical Error $(GeV/c)^{-1}$	Systematic Error $(GeV/c)^{-1}$
-1.06	4.93e-02	5.94e-05	3.94e-03
-0.89	4.84e-02	5.89e-05	3.87e-03
-0.72	5.96e-02	6.57e-05	4.77e-03
-0.55	7.94e-02	7.65e-05	6.35e-03
-0.38	1.16e-01	9.42e-05	9.31e-03
-0.21	2.12e-01	1.33e-04	1.70e-02
-0.04	2.24e-01	1.37e-04	1.79e-02
0.13	2.02e-01	1.29e-04	1.61e-02
0.30	1.54e-01	1.10e-04	1.23e-02
0.48	7.80e-02	7.58e-05	6.24e-03
0.65	6.45e-02	6.85e-05	5.16e-03
0.82	4.87e-02	5.91e-05	3.90e-03
0.99	4.34e-02	5.57e-05	3.47e-03
1.16	4.83e-02	5.88e-05	3.86e-03
1.33	4.69e-02	5.79e-05	3.75e-03
1.50	5.10e-02	6.05e-05	4.08e-03
1.67	5.78e-02	6.46e-05	4.62e-03
1.84	5.88e-02	6.52e-05	4.71e-03
2.01	6.64e-02	6.96e-05	5.31e-03
2.18	7.04e-02	7.17e-05	5.63e-03
2.35	6.82e-02	7.06e-05	5.46e-03
2.52	8.11e-02	7.74e-05	6.49e-03
2.70	7.91e-02	7.64e-05	6.33e-03
2.87	8.96e-02	8.17e-05	7.17e-03
3.04	9.61e-02	8.49e-05	7.69e-03
3.21	9.31e-02	8.34e-05	7.45e-03
3.38	9.64e-02	8.50e-05	7.71e-03
3.55	7.65e-02	7.50e-05	6.12e-03
3.72	7.32e-02	7.33e-05	5.86e-03
3.89	6.23e-02	6.72e-05	4.98e-03
4.06	5.52e-02	6.31e-05	4.42e-03
4.23	5.38e-02	6.22e-05	4.30e-03
4.40	4.30e-02	5.54e-05	3.44e-03
4.57	5.08e-02	6.04e-05	4.06e-03
4.74	4.24e-02	6.49e-05	3.82e-03
4.88	4.63e-02	5.76e-05	3.71e-03
5.05	4.42e-02	5.62e-05	3.54e-03

TABLE XVI. π^0 per-trigger yields as a function of $\Delta\phi$ for $4 < p_T^{trig} < 5 \otimes 2 < p_T^{assoc} < 3$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	4.40e-03	1.74e-05	3.52e-04
-0.89	4.78e-03	1.81e-05	3.82e-04
-0.72	5.65e-03	1.97e-05	4.52e-04
-0.55	8.83e-03	2.47e-05	7.06e-04
-0.38	1.70e-02	3.43e-05	1.36e-03
-0.21	4.66e-02	5.77e-05	3.73e-03
-0.04	7.59e-02	7.47e-05	6.07e-03
0.13	6.23e-02	6.72e-05	4.98e-03
0.30	2.49e-02	4.17e-05	1.99e-03
0.48	1.05e-02	2.69e-05	8.39e-04
0.65	6.63e-03	2.14e-05	5.30e-04
0.82	4.51e-03	1.76e-05	3.61e-04
0.99	3.72e-03	1.60e-05	2.98e-04
1.16	3.85e-03	1.62e-05	3.08e-04
1.33	4.19e-03	1.70e-05	3.36e-04
1.50	5.06e-03	1.86e-05	4.05e-04
1.67	4.87e-03	1.83e-05	3.89e-04
1.84	5.61e-03	1.96e-05	4.49e-04
2.01	7.05e-03	2.20e-05	5.64e-04
2.18	8.33e-03	2.40e-05	6.67e-04
2.35	8.86e-03	2.47e-05	7.09e-04
2.52	1.04e-02	2.69e-05	8.35e-04
2.70	1.19e-02	2.86e-05	9.49e-04
2.87	1.43e-02	3.14e-05	1.14e-03
3.04	1.74e-02	3.48e-05	1.39e-03
3.21	1.81e-02	3.55e-05	1.45e-03
3.38	1.61e-02	3.35e-05	1.29e-03
3.55	1.27e-02	2.97e-05	1.02e-03
3.72	1.02e-02	2.65e-05	8.15e-04
3.89	8.08e-03	2.36e-05	6.46e-04
4.06	6.54e-03	2.12e-05	5.23e-04
4.23	5.74e-03	1.99e-05	4.59e-04
4.40	5.19e-03	1.89e-05	4.15e-04
4.57	4.51e-03	1.76e-05	3.61e-04
4.74	3.84e-03	1.92e-05	3.46e-04
4.88	5.04e-03	1.86e-05	4.03e-04
5.05	4.46e-03	1.75e-05	3.57e-04

TABLE XVII. π^0 per-trigger yields as a function of $\Delta\phi$ for $4 < p_T^{trig} < 5 \otimes 3 < p_T^{assoc} < 4$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-1.06	7.80e-04	7.30e-06	6.24e-05
-0.89	8.68e-04	7.71e-06	6.95e-05
-0.72	1.15e-03	8.86e-06	9.18e-05
-0.55	1.85e-03	1.13e-05	1.48e-04
-0.38	4.29e-03	1.72e-05	3.44e-04
-0.21	1.49e-02	3.21e-05	1.19e-03
-0.04	3.34e-02	4.86e-05	2.67e-03
0.13	2.51e-02	4.19e-05	2.01e-03
0.30	6.16e-03	2.06e-05	4.93e-04
0.48	2.43e-03	1.29e-05	1.95e-04
0.65	1.33e-03	9.54e-06	1.06e-04
0.82	9.61e-04	8.11e-06	7.69e-05
0.99	6.33e-04	6.58e-06	5.07e-05
1.16	5.92e-04	6.36e-06	4.74e-05
1.33	8.48e-04	7.62e-06	6.79e-05
1.50	9.40e-04	8.02e-06	7.52e-05
1.67	9.09e-04	7.89e-06	7.27e-05
1.84	1.12e-03	8.77e-06	8.99e-05
2.01	1.43e-03	9.88e-06	1.14e-04
2.18	1.85e-03	1.13e-05	1.48e-04
2.35	2.15e-03	1.21e-05	1.72e-04
2.52	2.47e-03	1.30e-05	1.98e-04
2.70	3.40e-03	1.53e-05	2.72e-04
2.87	4.53e-03	1.76e-05	3.63e-04
3.04	6.03e-03	2.04e-05	4.82e-04
3.21	6.61e-03	2.13e-05	5.29e-04
3.38	5.25e-03	1.90e-05	4.20e-04
3.55	3.98e-03	1.65e-05	3.19e-04
3.72	2.77e-03	1.38e-05	2.22e-04
3.89	2.04e-03	1.18e-05	1.63e-04
4.06	1.60e-03	1.05e-05	1.28e-04
4.23	1.36e-03	9.65e-06	1.09e-04
4.40	1.27e-03	9.33e-06	1.02e-04
4.57	9.20e-04	7.93e-06	7.36e-05
4.74	9.56e-04	9.58e-06	8.61e-05
4.88	9.83e-04	8.20e-06	7.86e-05
5.05	8.65e-04	7.69e-06	6.92e-05

TABLE XVIII. π^0 per-trigger yields as a function of $\Delta\phi$ for $4 < p_T^{trig} < 5 \otimes 4 < p_T^{assoc} < 5$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(GeV/c)^{-1}$	Statistical Error $(GeV/c)^{-1}$	Systematic Error $(GeV/c)^{-1}$
-1.06	2.35e-04	4.00e-06	1.88e-05
-0.89	3.02e-04	4.54e-06	2.41e-05
-0.72	3.58e-04	4.95e-06	2.86e-05
-0.55	5.51e-04	6.14e-06	4.41e-05
-0.38	1.36e-03	9.66e-06	1.09e-04
-0.21	5.84e-03	2.00e-05	4.67e-04
-0.04	1.69e-02	3.43e-05	1.35e-03
0.13	1.13e-02	2.80e-05	9.04e-04
0.30	2.04e-03	1.18e-05	1.63e-04
0.48	7.77e-04	7.29e-06	6.22e-05
0.65	3.96e-04	5.20e-06	3.17e-05
0.82	2.80e-04	4.37e-06	2.24e-05
0.99	2.21e-04	3.88e-06	1.77e-05
1.16	2.49e-04	4.12e-06	1.99e-05
1.33	3.03e-04	4.55e-06	2.42e-05
1.50	3.17e-04	4.65e-06	2.54e-05
1.67	3.22e-04	4.70e-06	2.58e-05
1.84	3.74e-04	5.06e-06	2.99e-05
2.01	4.62e-04	5.62e-06	3.70e-05
2.18	6.45e-04	6.64e-06	5.16e-05
2.35	7.71e-04	7.26e-06	6.17e-05
2.52	9.09e-04	7.88e-06	7.27e-05
2.70	1.33e-03	9.54e-06	1.06e-04
2.87	1.80e-03	1.11e-05	1.44e-04
3.04	2.84e-03	1.39e-05	2.27e-04
3.21	3.08e-03	1.45e-05	2.47e-04
3.38	2.27e-03	1.25e-05	1.82e-04
3.55	1.63e-03	1.06e-05	1.30e-04
3.72	1.01e-03	8.32e-06	8.09e-05
3.89	6.76e-04	6.80e-06	5.41e-05
4.06	5.55e-04	6.16e-06	4.44e-05
4.23	4.12e-04	5.31e-06	3.29e-05
4.40	4.33e-04	5.44e-06	3.47e-05
4.57	3.07e-04	4.58e-06	2.45e-05
4.74	2.87e-04	4.97e-06	2.58e-05
4.88	3.27e-04	4.73e-06	2.62e-05
5.05	2.33e-04	3.99e-06	1.86e-05

TABLE XIX. π^0 per-trigger yields as a function of $\Delta\phi$ for $4 < p_T^{trig} < 5 \otimes 5 < p_T^{assoc} < 10$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	1.65e-04	3.36e-06	1.32e-05
-0.89	2.04e-04	3.74e-06	1.64e-05
-0.72	2.20e-04	3.88e-06	1.76e-05
-0.55	3.54e-04	4.92e-06	2.83e-05
-0.38	8.66e-04	7.70e-06	6.93e-05
-0.21	3.34e-03	1.51e-05	2.67e-04
-0.04	1.21e-02	2.89e-05	9.66e-04
0.13	7.62e-03	2.29e-05	6.10e-04
0.30	1.23e-03	9.19e-06	9.88e-05
0.48	5.43e-04	6.09e-06	4.34e-05
0.65	2.78e-04	4.36e-06	2.22e-05
0.82	2.39e-04	4.04e-06	1.91e-05
0.99	1.46e-04	3.16e-06	1.17e-05
1.16	1.51e-04	3.21e-06	1.21e-05
1.33	2.42e-04	4.06e-06	1.93e-05
1.50	2.85e-04	4.41e-06	2.28e-05
1.67	2.24e-04	3.91e-06	1.79e-05
1.84	2.76e-04	4.34e-06	2.21e-05
2.01	3.68e-04	5.01e-06	2.94e-05
2.18	4.37e-04	5.46e-06	3.49e-05
2.35	5.17e-04	5.95e-06	4.14e-05
2.52	6.34e-04	6.59e-06	5.08e-05
2.70	9.12e-04	7.90e-06	7.29e-05
2.87	1.38e-03	9.71e-06	1.10e-04
3.04	1.99e-03	1.17e-05	1.59e-04
3.21	2.37e-03	1.27e-05	1.89e-04
3.38	1.67e-03	1.07e-05	1.34e-04
3.55	1.21e-03	9.10e-06	9.68e-05
3.72	6.73e-04	6.78e-06	5.38e-05
3.89	4.26e-04	5.39e-06	3.41e-05
4.06	3.54e-04	4.92e-06	2.83e-05
4.23	2.76e-04	4.35e-06	2.21e-05
4.40	2.57e-04	4.19e-06	2.05e-05
4.57	2.08e-04	3.77e-06	1.66e-05
4.74	1.47e-04	3.54e-06	1.32e-05
4.88	2.71e-04	4.30e-06	2.17e-05
5.05	2.28e-04	3.94e-06	1.82e-05

TABLE XX. π^0 per-trigger yields as a function of $\Delta\phi$ for $5 < p_T^{trig} < 6 \otimes 0.7 < p_T^{assoc} < 1$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	8.87e-02	9.51e-05	7.10e-03
-0.89	9.78e-02	1.00e-04	7.82e-03
-0.72	1.15e-01	1.10e-04	9.21e-03
-0.55	1.25e-01	1.15e-04	1.00e-02
-0.38	1.77e-01	1.40e-04	1.41e-02
-0.21	2.34e-01	1.65e-04	1.87e-02
-0.04	2.35e-01	1.65e-04	1.88e-02
0.13	2.22e-01	1.60e-04	1.78e-02
0.30	1.93e-01	1.47e-04	1.54e-02
0.48	1.39e-01	1.22e-04	1.11e-02
0.65	1.09e-01	1.07e-04	8.74e-03
0.82	9.68e-02	9.98e-05	7.75e-03
0.99	8.82e-02	9.48e-05	7.05e-03
1.16	1.00e-01	1.02e-04	8.02e-03
1.33	9.39e-02	9.81e-05	7.51e-03
1.50	9.14e-02	9.67e-05	7.31e-03
1.67	1.02e-01	1.03e-04	8.19e-03
1.84	1.08e-01	1.06e-04	8.61e-03
2.01	1.15e-01	1.10e-04	9.23e-03
2.18	1.19e-01	1.12e-04	9.53e-03
2.35	1.23e-01	1.14e-04	9.80e-03
2.52	1.28e-01	1.16e-04	1.02e-02
2.70	1.37e-01	1.21e-04	1.09e-02
2.87	1.39e-01	1.22e-04	1.11e-02
3.04	1.40e-01	1.22e-04	1.12e-02
3.21	1.43e-01	1.24e-04	1.14e-02
3.38	1.38e-01	1.21e-04	1.10e-02
3.55	1.30e-01	1.17e-04	1.04e-02
3.72	1.13e-01	1.08e-04	9.02e-03
3.89	1.08e-01	1.06e-04	8.66e-03
4.06	9.93e-02	1.01e-04	7.94e-03
4.23	8.88e-02	9.52e-05	7.10e-03
4.40	8.51e-02	9.31e-05	6.81e-03
4.57	8.88e-02	9.52e-05	7.11e-03
4.74	8.49e-02	1.09e-04	7.64e-03
4.88	8.40e-02	9.24e-05	6.72e-03
5.05	8.60e-02	9.36e-05	6.88e-03

TABLE XXI. π^0 per-trigger yields as a function of $\Delta\phi$ for $5 < p_T^{trig} < 6 \otimes 1 < p_T^{assoc} < 2$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	4.85e-02	6.90e-05	3.88e-03
-0.89	4.86e-02	6.91e-05	3.89e-03
-0.72	6.19e-02	7.85e-05	4.95e-03
-0.55	8.37e-02	9.22e-05	6.70e-03
-0.38	1.21e-01	1.13e-04	9.67e-03
-0.21	2.39e-01	1.66e-04	1.91e-02
-0.04	2.59e-01	1.75e-04	2.07e-02
0.13	2.32e-01	1.64e-04	1.86e-02
0.30	1.65e-01	1.34e-04	1.32e-02
0.48	8.33e-02	9.20e-05	6.66e-03
0.65	6.70e-02	8.19e-05	5.36e-03
0.82	4.86e-02	6.92e-05	3.89e-03
0.99	4.24e-02	6.43e-05	3.39e-03
1.16	4.63e-02	6.74e-05	3.71e-03
1.33	4.50e-02	6.64e-05	3.60e-03
1.50	5.00e-02	7.02e-05	4.00e-03
1.67	5.77e-02	7.56e-05	4.61e-03
1.84	5.90e-02	7.65e-05	4.72e-03
2.01	6.64e-02	8.15e-05	5.31e-03
2.18	7.17e-02	8.49e-05	5.74e-03
2.35	7.13e-02	8.46e-05	5.71e-03
2.52	8.53e-02	9.32e-05	6.83e-03
2.70	8.58e-02	9.34e-05	6.86e-03
2.87	1.00e-01	1.02e-04	8.03e-03
3.04	1.09e-01	1.06e-04	8.69e-03
3.21	1.07e-01	1.05e-04	8.54e-03
3.38	1.08e-01	1.06e-04	8.65e-03
3.55	8.49e-02	9.29e-05	6.79e-03
3.72	7.86e-02	8.91e-05	6.29e-03
3.89	6.52e-02	8.07e-05	5.21e-03
4.06	5.68e-02	7.50e-05	4.54e-03
4.23	5.42e-02	7.32e-05	4.34e-03
4.40	4.28e-02	6.47e-05	3.42e-03
4.57	4.83e-02	6.89e-05	3.86e-03
4.74	4.17e-02	7.53e-05	3.75e-03
4.88	4.49e-02	6.63e-05	3.59e-03
5.05	4.34e-02	6.51e-05	3.47e-03

TABLE XXII. π^0 per-trigger yields as a function of $\Delta\phi$ for $5 < p_T^{trig} < 6 \otimes 2 < p_T^{assoc} < 3$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	4.57e-03	2.07e-05	3.66e-04
-0.89	4.84e-03	2.14e-05	3.87e-04
-0.72	6.13e-03	2.40e-05	4.90e-04
-0.55	9.56e-03	3.01e-05	7.65e-04
-0.38	1.89e-02	4.24e-05	1.51e-03
-0.21	5.55e-02	7.41e-05	4.44e-03
-0.04	9.50e-02	9.88e-05	7.60e-03
0.13	7.68e-02	8.80e-05	6.14e-03
0.30	2.80e-02	5.20e-05	2.24e-03
0.48	1.16e-02	3.32e-05	9.28e-04
0.65	7.30e-03	2.62e-05	5.84e-04
0.82	4.61e-03	2.08e-05	3.69e-04
0.99	3.76e-03	1.88e-05	3.01e-04
1.16	3.57e-03	1.83e-05	2.85e-04
1.33	4.20e-03	1.99e-05	3.36e-04
1.50	4.98e-03	2.17e-05	3.98e-04
1.67	5.45e-03	2.27e-05	4.36e-04
1.84	5.94e-03	2.37e-05	4.75e-04
2.01	7.37e-03	2.64e-05	5.89e-04
2.18	8.71e-03	2.87e-05	6.97e-04
2.35	9.89e-03	3.06e-05	7.92e-04
2.52	1.17e-02	3.33e-05	9.38e-04
2.70	1.40e-02	3.65e-05	1.12e-03
2.87	1.77e-02	4.11e-05	1.42e-03
3.04	2.25e-02	4.65e-05	1.80e-03
3.21	2.30e-02	4.70e-05	1.84e-03
3.38	1.97e-02	4.34e-05	1.58e-03
3.55	1.56e-02	3.86e-05	1.25e-03
3.72	1.18e-02	3.35e-05	9.46e-04
3.89	8.82e-03	2.89e-05	7.06e-04
4.06	7.36e-03	2.64e-05	5.89e-04
4.23	6.25e-03	2.43e-05	5.00e-04
4.40	5.47e-03	2.27e-05	4.38e-04
4.57	4.75e-03	2.12e-05	3.80e-04
4.74	3.79e-03	2.24e-05	3.41e-04
4.88	5.02e-03	2.17e-05	4.01e-04
5.05	4.57e-03	2.07e-05	3.65e-04

TABLE XXIII. π^0 per-trigger yields as a function of $\Delta\phi$ for $5 < p_T^{trig} < 6 \otimes 3 < p_T^{assoc} < 4$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	7.97e-04	8.65e-06	6.38e-05
-0.89	9.71e-04	9.54e-06	7.77e-05
-0.72	1.16e-03	1.04e-05	9.30e-05
-0.55	2.06e-03	1.39e-05	1.65e-04
-0.38	4.84e-03	2.13e-05	3.87e-04
-0.21	1.85e-02	4.20e-05	1.48e-03
-0.04	4.56e-02	6.68e-05	3.64e-03
0.13	3.26e-02	5.62e-05	2.61e-03
0.30	7.30e-03	2.62e-05	5.84e-04
0.48	2.69e-03	1.59e-05	2.15e-04
0.65	1.43e-03	1.16e-05	1.15e-04
0.82	9.41e-04	9.40e-06	7.53e-05
0.99	7.13e-04	8.18e-06	5.71e-05
1.16	7.22e-04	8.23e-06	5.78e-05
1.33	1.05e-03	9.94e-06	8.43e-05
1.50	1.02e-03	9.79e-06	8.17e-05
1.67	1.04e-03	9.87e-06	8.30e-05
1.84	1.19e-03	1.06e-05	9.51e-05
2.01	1.58e-03	1.22e-05	1.27e-04
2.18	2.12e-03	1.41e-05	1.69e-04
2.35	2.34e-03	1.48e-05	1.88e-04
2.52	3.22e-03	1.74e-05	2.57e-04
2.70	4.30e-03	2.01e-05	3.44e-04
2.87	5.92e-03	2.36e-05	4.74e-04
3.04	8.14e-03	2.77e-05	6.51e-04
3.21	8.93e-03	2.91e-05	7.14e-04
3.38	6.89e-03	2.55e-05	5.51e-04
3.55	5.15e-03	2.20e-05	4.12e-04
3.72	3.35e-03	1.77e-05	2.68e-04
3.89	2.40e-03	1.50e-05	1.92e-04
4.06	1.79e-03	1.30e-05	1.43e-04
4.23	1.44e-03	1.16e-05	1.15e-04
4.40	1.28e-03	1.09e-05	1.02e-04
4.57	1.06e-03	9.96e-06	8.45e-05
4.74	8.88e-04	1.08e-05	7.99e-05
4.88	1.12e-03	1.02e-05	8.94e-05
5.05	9.01e-04	9.19e-06	7.21e-05

TABLE XXIV. π^0 per-trigger yields as a function of $\Delta\phi$ for $5 < p_T^{trig} < 6 \otimes 4 < p_T^{assoc} < 5$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(GeV/c)^{-1}$	Statistical Error $(GeV/c)^{-1}$	Systematic Error $(GeV/c)^{-1}$
-1.06	2.52e-04	4.86e-06	2.01e-05
-0.89	2.65e-04	4.98e-06	2.12e-05
-0.72	3.27e-04	5.54e-06	2.62e-05
-0.55	6.13e-04	7.58e-06	4.91e-05
-0.38	1.65e-03	1.24e-05	1.32e-04
-0.21	7.13e-03	2.59e-05	5.70e-04
-0.04	2.34e-02	4.74e-05	1.88e-03
0.13	1.54e-02	3.82e-05	1.23e-03
0.30	2.51e-03	1.54e-05	2.01e-04
0.48	8.18e-04	8.76e-06	6.54e-05
0.65	4.52e-04	6.51e-06	3.62e-05
0.82	3.06e-04	5.36e-06	2.45e-05
0.99	2.55e-04	4.89e-06	2.04e-05
1.16	2.14e-04	4.48e-06	1.72e-05
1.33	2.86e-04	5.18e-06	2.29e-05
1.50	3.61e-04	5.82e-06	2.89e-05
1.67	3.55e-04	5.77e-06	2.84e-05
1.84	3.40e-04	5.65e-06	2.72e-05
2.01	5.15e-04	6.95e-06	4.12e-05
2.18	7.01e-04	8.11e-06	5.61e-05
2.35	9.28e-04	9.33e-06	7.42e-05
2.52	1.16e-03	1.04e-05	9.30e-05
2.70	1.74e-03	1.28e-05	1.39e-04
2.87	2.56e-03	1.55e-05	2.05e-04
3.04	3.77e-03	1.88e-05	3.01e-04
3.21	4.17e-03	1.98e-05	3.34e-04
3.38	3.07e-03	1.70e-05	2.46e-04
3.55	2.11e-03	1.41e-05	1.69e-04
3.72	1.28e-03	1.10e-05	1.03e-04
3.89	8.33e-04	8.84e-06	6.67e-05
4.06	6.27e-04	7.67e-06	5.02e-05
4.23	4.64e-04	6.60e-06	3.72e-05
4.40	4.69e-04	6.63e-06	3.75e-05
4.57	2.97e-04	5.28e-06	2.37e-05
4.74	2.81e-04	6.11e-06	2.53e-05
4.88	2.72e-04	5.05e-06	2.17e-05
5.05	2.56e-04	4.90e-06	2.05e-05

TABLE XXV. π^0 per-trigger yields as a function of $\Delta\phi$ for $5 < p_T^{trig} < 6 \otimes 5 < p_T^{assoc} < 10$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	1.69e-04	3.98e-06	1.35e-05
-0.89	2.27e-04	4.61e-06	1.81e-05
-0.72	2.55e-04	4.89e-06	2.04e-05
-0.55	4.06e-04	6.17e-06	3.25e-05
-0.38	8.96e-04	9.17e-06	7.17e-05
-0.21	4.06e-03	1.95e-05	3.25e-04
-0.04	1.71e-02	4.03e-05	1.36e-03
0.13	1.04e-02	3.14e-05	8.35e-04
0.30	1.52e-03	1.20e-05	1.22e-04
0.48	6.53e-04	7.83e-06	5.22e-05
0.65	3.18e-04	5.46e-06	2.55e-05
0.82	2.30e-04	4.65e-06	1.84e-05
0.99	2.05e-04	4.38e-06	1.64e-05
1.16	1.52e-04	3.77e-06	1.21e-05
1.33	2.54e-04	4.88e-06	2.03e-05
1.50	2.80e-04	5.12e-06	2.24e-05
1.67	2.47e-04	4.81e-06	1.98e-05
1.84	2.93e-04	5.24e-06	2.34e-05
2.01	3.87e-04	6.03e-06	3.10e-05
2.18	4.35e-04	6.39e-06	3.48e-05
2.35	6.16e-04	7.60e-06	4.93e-05
2.52	7.78e-04	8.54e-06	6.22e-05
2.70	1.23e-03	1.08e-05	9.87e-05
2.87	2.00e-03	1.37e-05	1.60e-04
3.04	3.00e-03	1.68e-05	2.40e-04
3.21	3.40e-03	1.79e-05	2.72e-04
3.38	2.26e-03	1.46e-05	1.81e-04
3.55	1.48e-03	1.18e-05	1.18e-04
3.72	9.32e-04	9.35e-06	7.45e-05
3.89	6.00e-04	7.50e-06	4.80e-05
4.06	3.97e-04	6.11e-06	3.18e-05
4.23	2.96e-04	5.27e-06	2.37e-05
4.40	2.84e-04	5.16e-06	2.27e-05
4.57	1.91e-04	4.23e-06	1.53e-05
4.74	2.05e-04	5.14e-06	1.84e-05
4.88	2.39e-04	4.73e-06	1.91e-05
5.05	1.98e-04	4.31e-06	1.59e-05

TABLE XXVI. π^0 per-trigger yields as a function of $\Delta\phi$ for $6 < p_T^{trig} < 7 \otimes 0.7 < p_T^{assoc} < 1$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(GeV/c)^{-1}$	Statistical Error $(GeV/c)^{-1}$	Systematic Error $(GeV/c)^{-1}$
-1.06	8.77e-02	1.21e-04	7.02e-03
-0.89	9.58e-02	1.27e-04	7.67e-03
-0.72	1.17e-01	1.42e-04	9.38e-03
-0.55	1.32e-01	1.52e-04	1.06e-02
-0.38	1.81e-01	1.81e-04	1.44e-02
-0.21	2.53e-01	2.21e-04	2.03e-02
-0.04	2.58e-01	2.24e-04	2.06e-02
0.13	2.44e-01	2.16e-04	1.95e-02
0.30	2.04e-01	1.95e-04	1.63e-02
0.48	1.48e-01	1.62e-04	1.18e-02
0.65	1.14e-01	1.40e-04	9.12e-03
0.82	9.88e-02	1.29e-04	7.91e-03
0.99	8.66e-02	1.20e-04	6.93e-03
1.16	9.58e-02	1.27e-04	7.66e-03
1.33	9.18e-02	1.24e-04	7.35e-03
1.50	9.05e-02	1.23e-04	7.24e-03
1.67	1.06e-01	1.35e-04	8.52e-03
1.84	1.08e-01	1.36e-04	8.65e-03
2.01	1.19e-01	1.43e-04	9.50e-03
2.18	1.18e-01	1.43e-04	9.47e-03
2.35	1.24e-01	1.46e-04	9.88e-03
2.52	1.34e-01	1.53e-04	1.07e-02
2.70	1.45e-01	1.60e-04	1.16e-02
2.87	1.48e-01	1.62e-04	1.19e-02
3.04	1.53e-01	1.65e-04	1.22e-02
3.21	1.55e-01	1.66e-04	1.24e-02
3.38	1.46e-01	1.60e-04	1.17e-02
3.55	1.35e-01	1.54e-04	1.08e-02
3.72	1.17e-01	1.42e-04	9.40e-03
3.89	1.11e-01	1.38e-04	8.85e-03
4.06	1.02e-01	1.32e-04	8.16e-03
4.23	9.01e-02	1.23e-04	7.21e-03
4.40	8.31e-02	1.18e-04	6.65e-03
4.57	8.67e-02	1.20e-04	6.93e-03
4.74	8.32e-02	1.38e-04	7.49e-03
4.88	8.06e-02	1.16e-04	6.45e-03
5.05	8.82e-02	1.22e-04	7.06e-03

TABLE XXVII. π^0 per-trigger yields as a function of $\Delta\phi$ for $6 < p_T^{trig} < 7 \otimes 1 < p_T^{assoc} < 2$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-1.06	4.78e-02	8.79e-05	3.82e-03
-0.89	4.99e-02	8.99e-05	3.99e-03
-0.72	6.46e-02	1.03e-04	5.17e-03
-0.55	8.81e-02	1.22e-04	7.05e-03
-0.38	1.31e-01	1.51e-04	1.05e-02
-0.21	2.66e-01	2.28e-04	2.13e-02
-0.04	3.00e-01	2.45e-04	2.40e-02
0.13	2.70e-01	2.30e-04	2.16e-02
0.30	1.77e-01	1.79e-04	1.41e-02
0.48	9.03e-02	1.23e-04	7.22e-03
0.65	6.85e-02	1.06e-04	5.48e-03
0.82	5.07e-02	9.07e-05	4.06e-03
0.99	4.32e-02	8.34e-05	3.46e-03
1.16	4.71e-02	8.72e-05	3.77e-03
1.33	4.41e-02	8.42e-05	3.53e-03
1.50	4.91e-02	8.91e-05	3.93e-03
1.67	5.66e-02	9.60e-05	4.52e-03
1.84	5.93e-02	9.84e-05	4.74e-03
2.01	6.67e-02	1.05e-04	5.34e-03
2.18	7.42e-02	1.11e-04	5.94e-03
2.35	7.44e-02	1.11e-04	5.95e-03
2.52	9.05e-02	1.23e-04	7.24e-03
2.70	9.42e-02	1.26e-04	7.53e-03
2.87	1.12e-01	1.38e-04	8.93e-03
3.04	1.25e-01	1.47e-04	9.98e-03
3.21	1.22e-01	1.45e-04	9.79e-03
3.38	1.21e-01	1.45e-04	9.68e-03
3.55	9.40e-02	1.26e-04	7.52e-03
3.72	8.41e-02	1.19e-04	6.73e-03
3.89	6.87e-02	1.06e-04	5.50e-03
4.06	5.79e-02	9.72e-05	4.63e-03
4.23	5.54e-02	9.50e-05	4.44e-03
4.40	4.35e-02	8.36e-05	3.48e-03
4.57	4.81e-02	8.81e-05	3.85e-03
4.74	4.06e-02	9.53e-05	3.65e-03
4.88	4.36e-02	8.37e-05	3.49e-03
5.05	4.38e-02	8.39e-05	3.50e-03

TABLE XXVIII. π^0 per-trigger yields as a function of $\Delta\phi$ for $6 < p_T^{trig} < 7 \otimes 2 < p_T^{assoc} < 3$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	4.65e-03	2.68e-05	3.72e-04
-0.89	4.98e-03	2.78e-05	3.99e-04
-0.72	6.40e-03	3.15e-05	5.12e-04
-0.55	1.04e-02	4.03e-05	8.35e-04
-0.38	2.18e-02	5.85e-05	1.74e-03
-0.21	6.44e-02	1.03e-04	5.15e-03
-0.04	1.16e-01	1.41e-04	9.27e-03
0.13	9.18e-02	1.24e-04	7.34e-03
0.30	3.11e-02	7.03e-05	2.49e-03
0.48	1.31e-02	4.52e-05	1.05e-03
0.65	7.59e-03	3.43e-05	6.07e-04
0.82	4.88e-03	2.75e-05	3.91e-04
0.99	3.86e-03	2.44e-05	3.09e-04
1.16	3.59e-03	2.36e-05	2.87e-04
1.33	4.33e-03	2.59e-05	3.47e-04
1.50	5.19e-03	2.84e-05	4.15e-04
1.67	5.68e-03	2.97e-05	4.54e-04
1.84	6.12e-03	3.08e-05	4.89e-04
2.01	7.57e-03	3.43e-05	6.06e-04
2.18	9.27e-03	3.80e-05	7.42e-04
2.35	1.06e-02	4.06e-05	8.47e-04
2.52	1.32e-02	4.54e-05	1.06e-03
2.70	1.68e-02	5.14e-05	1.35e-03
2.87	2.19e-02	5.88e-05	1.75e-03
3.04	2.77e-02	6.62e-05	2.22e-03
3.21	2.89e-02	6.77e-05	2.31e-03
3.38	2.46e-02	6.23e-05	1.97e-03
3.55	1.87e-02	5.42e-05	1.50e-03
3.72	1.35e-02	4.59e-05	1.08e-03
3.89	1.00e-02	3.95e-05	8.01e-04
4.06	7.84e-03	3.49e-05	6.27e-04
4.23	6.33e-03	3.13e-05	5.06e-04
4.40	5.55e-03	2.93e-05	4.44e-04
4.57	4.75e-03	2.71e-05	3.80e-04
4.74	3.94e-03	2.91e-05	3.54e-04
4.88	5.09e-03	2.81e-05	4.07e-04
5.05	4.93e-03	2.76e-05	3.94e-04

TABLE XXIX. π^0 per-trigger yields as a function of $\Delta\phi$ for $6 < p_T^{trig} < 7 \otimes 3 < p_T^{assoc} < 4$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-1.06	9.15e-04	1.19e-05	7.32e-05
-0.89	1.01e-03	1.25e-05	8.12e-05
-0.72	1.23e-03	1.38e-05	9.86e-05
-0.55	2.20e-03	1.84e-05	1.76e-04
-0.38	5.68e-03	2.97e-05	4.54e-04
-0.21	2.27e-02	5.98e-05	1.81e-03
-0.04	5.89e-02	9.81e-05	4.71e-03
0.13	4.15e-02	8.16e-05	3.32e-03
0.30	8.82e-03	3.70e-05	7.06e-04
0.48	2.97e-03	2.14e-05	2.37e-04
0.65	1.51e-03	1.53e-05	1.21e-04
0.82	1.04e-03	1.27e-05	8.30e-05
0.99	9.15e-04	1.19e-05	7.32e-05
1.16	7.09e-04	1.05e-05	5.68e-05
1.33	9.51e-04	1.21e-05	7.61e-05
1.50	1.00e-03	1.24e-05	8.01e-05
1.67	1.09e-03	1.29e-05	8.69e-05
1.84	1.24e-03	1.38e-05	9.88e-05
2.01	1.81e-03	1.67e-05	1.45e-04
2.18	2.55e-03	1.98e-05	2.04e-04
2.35	2.93e-03	2.13e-05	2.35e-04
2.52	3.76e-03	2.41e-05	3.01e-04
2.70	5.43e-03	2.90e-05	4.35e-04
2.87	7.80e-03	3.48e-05	6.24e-04
3.04	1.07e-02	4.09e-05	8.59e-04
3.21	1.17e-02	4.26e-05	9.32e-04
3.38	8.97e-03	3.74e-05	7.18e-04
3.55	6.37e-03	3.14e-05	5.09e-04
3.72	4.07e-03	2.51e-05	3.25e-04
3.89	2.81e-03	2.08e-05	2.25e-04
4.06	2.05e-03	1.78e-05	1.64e-04
4.23	1.41e-03	1.48e-05	1.13e-04
4.40	1.39e-03	1.46e-05	1.11e-04
4.57	1.11e-03	1.31e-05	8.91e-05
4.74	8.71e-04	1.36e-05	7.84e-05
4.88	9.85e-04	1.23e-05	7.88e-05
5.05	8.55e-04	1.15e-05	6.84e-05

TABLE XXX. π^0 per-trigger yields as a function of $\Delta\phi$ for $6 < p_T^{trig} < 7 \otimes 4 < p_T^{assoc} < 5$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	2.87e-04	6.65e-06	2.29e-05
-0.89	3.29e-04	7.12e-06	2.63e-05
-0.72	4.07e-04	7.92e-06	3.25e-05
-0.55	6.83e-04	1.03e-05	5.47e-05
-0.38	1.91e-03	1.72e-05	1.53e-04
-0.21	9.02e-03	3.75e-05	7.22e-04
-0.04	3.23e-02	7.17e-05	2.59e-03
0.13	2.00e-02	5.61e-05	1.60e-03
0.30	2.98e-03	2.15e-05	2.39e-04
0.48	1.04e-03	1.27e-05	8.30e-05
0.65	5.57e-04	9.27e-06	4.46e-05
0.82	2.58e-04	6.30e-06	2.06e-05
0.99	2.38e-04	6.06e-06	1.90e-05
1.16	2.44e-04	6.13e-06	1.95e-05
1.33	3.51e-04	7.35e-06	2.80e-05
1.50	3.99e-04	7.85e-06	3.20e-05
1.67	2.79e-04	6.56e-06	2.23e-05
1.84	4.32e-04	8.16e-06	3.45e-05
2.01	5.68e-04	9.36e-06	4.54e-05
2.18	8.89e-04	1.17e-05	7.11e-05
2.35	9.89e-04	1.23e-05	7.91e-05
2.52	1.44e-03	1.49e-05	1.15e-04
2.70	2.32e-03	1.89e-05	1.85e-04
2.87	3.41e-03	2.30e-05	2.73e-04
3.04	5.20e-03	2.84e-05	4.16e-04
3.21	5.54e-03	2.93e-05	4.43e-04
3.38	4.14e-03	2.53e-05	3.31e-04
3.55	2.73e-03	2.05e-05	2.18e-04
3.72	1.63e-03	1.59e-05	1.30e-04
3.89	1.07e-03	1.28e-05	8.52e-05
4.06	8.11e-04	1.12e-05	6.49e-05
4.23	5.13e-04	8.90e-06	4.11e-05
4.40	5.20e-04	8.95e-06	4.16e-05
4.57	3.29e-04	7.12e-06	2.63e-05
4.74	2.21e-04	6.91e-06	1.99e-05
4.88	2.27e-04	5.92e-06	1.82e-05
5.05	3.20e-04	7.02e-06	2.56e-05

TABLE XXXI. π^0 per-trigger yields as a function of $\Delta\phi$ for $6 < p_T^{trig} < 7 \otimes 5 < p_T^{assoc} < 10$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	1.71e-04	5.13e-06	1.37e-05
-0.89	2.36e-04	6.03e-06	1.89e-05
-0.72	2.45e-04	6.15e-06	1.96e-05
-0.55	4.23e-04	8.08e-06	3.39e-05
-0.38	1.02e-03	1.26e-05	8.18e-05
-0.21	5.10e-03	2.81e-05	4.08e-04
-0.04	2.39e-02	6.14e-05	1.91e-03
0.13	1.35e-02	4.60e-05	1.08e-03
0.30	1.59e-03	1.57e-05	1.27e-04
0.48	6.97e-04	1.04e-05	5.58e-05
0.65	3.51e-04	7.35e-06	2.81e-05
0.82	2.15e-04	5.75e-06	1.72e-05
0.99	1.94e-04	5.47e-06	1.56e-05
1.16	1.36e-04	4.58e-06	1.09e-05
1.33	2.41e-04	6.09e-06	1.92e-05
1.50	3.09e-04	6.90e-06	2.47e-05
1.67	4.11e-04	7.96e-06	3.29e-05
1.84	3.86e-04	7.72e-06	3.09e-05
2.01	4.03e-04	7.88e-06	3.22e-05
2.18	5.27e-04	9.01e-06	4.21e-05
2.35	7.44e-04	1.07e-05	5.95e-05
2.52	1.05e-03	1.27e-05	8.43e-05
2.70	1.56e-03	1.55e-05	1.25e-04
2.87	2.62e-03	2.01e-05	2.09e-04
3.04	4.04e-03	2.50e-05	3.23e-04
3.21	4.75e-03	2.71e-05	3.80e-04
3.38	3.15e-03	2.21e-05	2.52e-04
3.55	1.87e-03	1.70e-05	1.50e-04
3.72	1.10e-03	1.30e-05	8.80e-05
3.89	6.90e-04	1.03e-05	5.52e-05
4.06	5.81e-04	9.47e-06	4.65e-05
4.23	3.35e-04	7.19e-06	2.68e-05
4.40	2.91e-04	6.69e-06	2.32e-05
4.57	2.80e-04	6.57e-06	2.24e-05
4.74	1.85e-04	6.09e-06	1.67e-05
4.88	2.90e-04	6.68e-06	2.32e-05
5.05	2.48e-04	6.18e-06	1.98e-05

TABLE XXXII. π^0 per-trigger yields as a function of $\Delta\phi$ for $7 < p_T^{trig} < 8 \otimes 0.7 < p_T^{assoc} < 1$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	8.93e-02	1.63e-04	7.14e-03
-0.89	9.73e-02	1.71e-04	7.78e-03
-0.72	1.19e-01	1.91e-04	9.54e-03
-0.55	1.36e-01	2.06e-04	1.09e-02
-0.38	1.86e-01	2.45e-04	1.49e-02
-0.21	2.72e-01	3.07e-04	2.18e-02
-0.04	2.82e-01	3.14e-04	2.25e-02
0.13	2.64e-01	3.02e-04	2.11e-02
0.30	2.07e-01	2.61e-04	1.65e-02
0.48	1.47e-01	2.14e-04	1.18e-02
0.65	1.13e-01	1.86e-04	9.07e-03
0.82	1.02e-01	1.75e-04	8.19e-03
0.99	8.94e-02	1.63e-04	7.15e-03
1.16	9.30e-02	1.67e-04	7.44e-03
1.33	9.29e-02	1.66e-04	7.43e-03
1.50	8.46e-02	1.58e-04	6.76e-03
1.67	1.08e-01	1.81e-04	8.64e-03
1.84	1.07e-01	1.80e-04	8.57e-03
2.01	1.14e-01	1.87e-04	9.16e-03
2.18	1.17e-01	1.89e-04	9.39e-03
2.35	1.30e-01	2.00e-04	1.04e-02
2.52	1.36e-01	2.05e-04	1.09e-02
2.70	1.54e-01	2.20e-04	1.23e-02
2.87	1.57e-01	2.23e-04	1.26e-02
3.04	1.63e-01	2.27e-04	1.30e-02
3.21	1.64e-01	2.28e-04	1.31e-02
3.38	1.54e-01	2.20e-04	1.23e-02
3.55	1.43e-01	2.11e-04	1.14e-02
3.72	1.24e-01	1.95e-04	9.90e-03
3.89	1.14e-01	1.86e-04	9.09e-03
4.06	1.02e-01	1.76e-04	8.20e-03
4.23	9.14e-02	1.65e-04	7.31e-03
4.40	8.19e-02	1.56e-04	6.55e-03
4.57	8.96e-02	1.63e-04	7.17e-03
4.74	8.26e-02	1.83e-04	7.43e-03
4.88	8.35e-02	1.57e-04	6.68e-03
5.05	8.25e-02	1.56e-04	6.60e-03

TABLE XXXIII. π^0 per-trigger yields as a function of $\Delta\phi$ for $7 < p_T^{trig} < 8 \otimes 1 < p_T^{assoc} < 2$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	4.83e-02	1.18e-04	3.86e-03
-0.89	5.11e-02	1.21e-04	4.09e-03
-0.72	6.54e-02	1.38e-04	5.24e-03
-0.55	9.33e-02	1.67e-04	7.46e-03
-0.38	1.40e-01	2.09e-04	1.12e-02
-0.21	2.88e-01	3.18e-04	2.30e-02
-0.04	3.42e-01	3.54e-04	2.73e-02
0.13	3.03e-01	3.28e-04	2.42e-02
0.30	1.87e-01	2.46e-04	1.50e-02
0.48	9.49e-02	1.68e-04	7.59e-03
0.65	7.23e-02	1.45e-04	5.78e-03
0.82	5.31e-02	1.24e-04	4.25e-03
0.99	4.17e-02	1.09e-04	3.34e-03
1.16	4.57e-02	1.14e-04	3.65e-03
1.33	4.36e-02	1.11e-04	3.49e-03
1.50	4.84e-02	1.18e-04	3.87e-03
1.67	5.70e-02	1.28e-04	4.56e-03
1.84	6.13e-02	1.33e-04	4.90e-03
2.01	6.64e-02	1.39e-04	5.32e-03
2.18	7.50e-02	1.48e-04	6.00e-03
2.35	7.64e-02	1.50e-04	6.11e-03
2.52	9.47e-02	1.68e-04	7.58e-03
2.70	1.03e-01	1.76e-04	8.22e-03
2.87	1.21e-01	1.92e-04	9.68e-03
3.04	1.40e-01	2.09e-04	1.12e-02
3.21	1.38e-01	2.07e-04	1.10e-02
3.38	1.36e-01	2.05e-04	1.09e-02
3.55	1.03e-01	1.76e-04	8.26e-03
3.72	8.92e-02	1.63e-04	7.13e-03
3.89	7.19e-02	1.45e-04	5.75e-03
4.06	5.93e-02	1.31e-04	4.74e-03
4.23	5.44e-02	1.25e-04	4.35e-03
4.40	4.51e-02	1.13e-04	3.61e-03
4.57	5.07e-02	1.21e-04	4.06e-03
4.74	3.99e-02	1.26e-04	3.59e-03
4.88	4.24e-02	1.10e-04	3.39e-03
5.05	4.07e-02	1.07e-04	3.25e-03

TABLE XXXIV. π^0 per-trigger yields as a function of $\Delta\phi$ for $7 < p_T^{trig} < 8 \otimes 2 < p_T^{assoc} < 3$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-1.06	4.53e-03	3.52e-05	3.63e-04
-0.89	5.18e-03	3.77e-05	4.14e-04
-0.72	6.51e-03	4.23e-05	5.20e-04
-0.55	1.17e-02	5.68e-05	9.35e-04
-0.38	2.41e-02	8.20e-05	1.93e-03
-0.21	7.31e-02	1.46e-04	5.84e-03
-0.04	1.38e-01	2.07e-04	1.10e-02
0.13	1.07e-01	1.79e-04	8.53e-03
0.30	3.51e-02	9.96e-05	2.81e-03
0.48	1.40e-02	6.22e-05	1.12e-03
0.65	7.53e-03	4.55e-05	6.02e-04
0.82	5.15e-03	3.76e-05	4.12e-04
0.99	4.04e-03	3.33e-05	3.23e-04
1.16	3.65e-03	3.16e-05	2.92e-04
1.33	4.14e-03	3.37e-05	3.31e-04
1.50	5.14e-03	3.75e-05	4.11e-04
1.67	6.09e-03	4.09e-05	4.87e-04
1.84	6.76e-03	4.31e-05	5.41e-04
2.01	8.69e-03	4.89e-05	6.95e-04
2.18	1.01e-02	5.27e-05	8.05e-04
2.35	1.16e-02	5.65e-05	9.26e-04
2.52	1.45e-02	6.32e-05	1.16e-03
2.70	1.84e-02	7.16e-05	1.48e-03
2.87	2.64e-02	8.60e-05	2.11e-03
3.04	3.39e-02	9.78e-05	2.71e-03
3.21	3.53e-02	9.98e-05	2.82e-03
3.38	2.99e-02	9.16e-05	2.39e-03
3.55	2.08e-02	7.62e-05	1.67e-03
3.72	1.48e-02	6.40e-05	1.18e-03
3.89	1.08e-02	5.45e-05	8.61e-04
4.06	8.46e-03	4.83e-05	6.77e-04
4.23	6.97e-03	4.38e-05	5.57e-04
4.40	6.56e-03	4.24e-05	5.25e-04
4.57	5.21e-03	3.78e-05	4.17e-04
4.74	4.27e-03	4.05e-05	3.85e-04
4.88	4.95e-03	3.68e-05	3.96e-04
5.05	4.44e-03	3.49e-05	3.55e-04

TABLE XXXV. π^0 per-trigger yields as a function of $\Delta\phi$ for $7 < p_T^{trig} < 8 \otimes 3 < p_T^{assoc} < 4$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	9.44e-04	1.61e-05	7.55e-05
-0.89	9.43e-04	1.60e-05	7.54e-05
-0.72	1.28e-03	1.87e-05	1.02e-04
-0.55	2.47e-03	2.60e-05	1.98e-04
-0.38	6.49e-03	4.22e-05	5.19e-04
-0.21	2.62e-02	8.56e-05	2.10e-03
-0.04	7.33e-02	1.46e-04	5.86e-03
0.13	4.91e-02	1.19e-04	3.93e-03
0.30	9.96e-03	5.24e-05	7.97e-04
0.48	3.63e-03	3.15e-05	2.90e-04
0.65	1.73e-03	2.18e-05	1.39e-04
0.82	1.18e-03	1.80e-05	9.45e-05
0.99	9.24e-04	1.59e-05	7.39e-05
1.16	8.76e-04	1.55e-05	7.01e-05
1.33	9.01e-04	1.57e-05	7.21e-05
1.50	1.25e-03	1.85e-05	1.00e-04
1.67	1.40e-03	1.95e-05	1.12e-04
1.84	1.21e-03	1.82e-05	9.68e-05
2.01	1.97e-03	2.32e-05	1.57e-04
2.18	2.49e-03	2.61e-05	1.99e-04
2.35	2.98e-03	2.85e-05	2.38e-04
2.52	4.18e-03	3.39e-05	3.35e-04
2.70	6.64e-03	4.27e-05	5.31e-04
2.87	9.76e-03	5.19e-05	7.81e-04
3.04	1.38e-02	6.17e-05	1.10e-03
3.21	1.56e-02	6.57e-05	1.25e-03
3.38	1.14e-02	5.61e-05	9.13e-04
3.55	7.55e-03	4.56e-05	6.04e-04
3.72	4.89e-03	3.66e-05	3.91e-04
3.89	3.07e-03	2.90e-05	2.46e-04
4.06	2.56e-03	2.65e-05	2.05e-04
4.23	1.73e-03	2.18e-05	1.39e-04
4.40	1.62e-03	2.10e-05	1.30e-04
4.57	1.05e-03	1.69e-05	8.37e-05
4.74	9.05e-04	1.87e-05	8.14e-05
4.88	1.20e-03	1.81e-05	9.57e-05
5.05	1.02e-03	1.67e-05	8.12e-05

TABLE XXXVI. π^0 per-trigger yields as a function of $\Delta\phi$ for $7 < p_T^{trig} < 8 \otimes 4 < p_T^{assoc} < 5$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	2.97e-04	9.00e-06	2.38e-05
-0.89	3.53e-04	9.82e-06	2.82e-05
-0.72	4.45e-04	1.10e-05	3.56e-05
-0.55	8.20e-04	1.50e-05	6.56e-05
-0.38	2.16e-03	2.43e-05	1.73e-04
-0.21	1.02e-02	5.29e-05	8.14e-04
-0.04	4.11e-02	1.08e-04	3.29e-03
0.13	2.48e-02	8.32e-05	1.98e-03
0.30	3.31e-03	3.01e-05	2.65e-04
0.48	1.19e-03	1.80e-05	9.53e-05
0.65	5.46e-04	1.22e-05	4.36e-05
0.82	2.61e-04	8.43e-06	2.08e-05
0.99	3.94e-04	1.04e-05	3.15e-05
1.16	2.15e-04	7.67e-06	1.72e-05
1.33	2.12e-04	7.61e-06	1.70e-05
1.50	3.99e-04	1.04e-05	3.19e-05
1.67	2.80e-04	8.74e-06	2.24e-05
1.84	4.36e-04	1.09e-05	3.49e-05
2.01	7.00e-04	1.38e-05	5.60e-05
2.18	8.90e-04	1.56e-05	7.12e-05
2.35	1.24e-03	1.84e-05	9.89e-05
2.52	1.62e-03	2.10e-05	1.29e-04
2.70	2.70e-03	2.72e-05	2.16e-04
2.87	4.22e-03	3.40e-05	3.38e-04
3.04	6.98e-03	4.38e-05	5.59e-04
3.21	7.63e-03	4.58e-05	6.10e-04
3.38	5.33e-03	3.82e-05	4.26e-04
3.55	3.48e-03	3.09e-05	2.78e-04
3.72	1.93e-03	2.30e-05	1.55e-04
3.89	1.23e-03	1.83e-05	9.85e-05
4.06	8.22e-04	1.50e-05	6.58e-05
4.23	6.36e-04	1.32e-05	5.09e-05
4.40	5.34e-04	1.21e-05	4.27e-05
4.57	3.31e-04	9.50e-06	2.64e-05
4.74	2.24e-04	8.47e-06	2.02e-05
4.88	2.81e-04	8.76e-06	2.25e-05
5.05	3.97e-04	1.04e-05	3.18e-05

TABLE XXXVII. π^0 per-trigger yields as a function of $\Delta\phi$ for $7 < p_T^{trig} < 8 \otimes 5 < p_T^{assoc} < 10$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	1.71e-04	6.82e-06	1.36e-05
-0.89	2.70e-04	8.58e-06	2.16e-05
-0.72	2.47e-04	8.21e-06	1.98e-05
-0.55	4.45e-04	1.10e-05	3.56e-05
-0.38	1.27e-03	1.86e-05	1.02e-04
-0.21	5.86e-03	4.01e-05	4.69e-04
-0.04	3.17e-02	9.45e-05	2.54e-03
0.13	1.74e-02	6.95e-05	1.39e-03
0.30	1.78e-03	2.21e-05	1.43e-04
0.48	7.50e-04	1.43e-05	6.00e-05
0.65	4.07e-04	1.05e-05	3.26e-05
0.82	3.23e-04	9.39e-06	2.59e-05
0.99	2.57e-04	8.38e-06	2.06e-05
1.16	1.93e-04	7.25e-06	1.54e-05
1.33	3.06e-04	9.13e-06	2.44e-05
1.50	3.49e-04	9.75e-06	2.79e-05
1.67	3.28e-04	9.46e-06	2.62e-05
1.84	3.27e-04	9.44e-06	2.61e-05
2.01	4.92e-04	1.16e-05	3.94e-05
2.18	7.14e-04	1.40e-05	5.72e-05
2.35	9.10e-04	1.58e-05	7.28e-05
2.52	1.21e-03	1.82e-05	9.65e-05
2.70	2.08e-03	2.39e-05	1.67e-04
2.87	3.50e-03	3.09e-05	2.80e-04
3.04	5.57e-03	3.91e-05	4.45e-04
3.21	6.53e-03	4.24e-05	5.23e-04
3.38	4.29e-03	3.43e-05	3.43e-04
3.55	2.36e-03	2.54e-05	1.89e-04
3.72	1.35e-03	1.92e-05	1.08e-04
3.89	7.95e-04	1.47e-05	6.36e-05
4.06	5.33e-04	1.21e-05	4.26e-05
4.23	4.36e-04	1.09e-05	3.49e-05
4.40	3.56e-04	9.86e-06	2.85e-05
4.57	2.73e-04	8.63e-06	2.18e-05
4.74	3.15e-04	1.07e-05	2.84e-05
4.88	2.72e-04	8.62e-06	2.18e-05
5.05	2.50e-04	8.27e-06	2.00e-05

TABLE XXXVIII. π^0 per-trigger yields as a function of $\Delta\phi$ for $8 < p_T^{trig} < 9 \otimes 0.7 < p_T^{assoc} < 1$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	8.51e-02	2.17e-04	6.80e-03
-0.89	9.58e-02	2.32e-04	7.67e-03
-0.72	1.19e-01	2.61e-04	9.49e-03
-0.55	1.42e-01	2.88e-04	1.14e-02
-0.38	1.94e-01	3.44e-04	1.55e-02
-0.21	2.85e-01	4.33e-04	2.28e-02
-0.04	3.04e-01	4.50e-04	2.43e-02
0.13	2.87e-01	4.35e-04	2.30e-02
0.30	2.15e-01	3.66e-04	1.72e-02
0.48	1.58e-01	3.06e-04	1.27e-02
0.65	1.21e-01	2.64e-04	9.68e-03
0.82	1.00e-01	2.38e-04	8.02e-03
0.99	9.07e-02	2.25e-04	7.26e-03
1.16	9.39e-02	2.29e-04	7.51e-03
1.33	8.88e-02	2.22e-04	7.10e-03
1.50	8.69e-02	2.20e-04	6.96e-03
1.67	1.01e-01	2.38e-04	8.07e-03
1.84	1.06e-01	2.45e-04	8.46e-03
2.01	1.17e-01	2.59e-04	9.35e-03
2.18	1.19e-01	2.61e-04	9.51e-03
2.35	1.32e-01	2.76e-04	1.05e-02
2.52	1.43e-01	2.89e-04	1.14e-02
2.70	1.58e-01	3.06e-04	1.27e-02
2.87	1.67e-01	3.16e-04	1.34e-02
3.04	1.77e-01	3.26e-04	1.42e-02
3.21	1.76e-01	3.25e-04	1.41e-02
3.38	1.70e-01	3.19e-04	1.36e-02
3.55	1.50e-01	2.97e-04	1.20e-02
3.72	1.23e-01	2.66e-04	9.82e-03
3.89	1.16e-01	2.58e-04	9.28e-03
4.06	1.02e-01	2.40e-04	8.14e-03
4.23	8.74e-02	2.21e-04	6.99e-03
4.40	8.12e-02	2.12e-04	6.50e-03
4.57	8.78e-02	2.21e-04	7.02e-03
4.74	7.82e-02	2.44e-04	7.04e-03
4.88	7.99e-02	2.10e-04	6.39e-03
5.05	8.60e-02	2.19e-04	6.88e-03

TABLE XXXIX. π^0 per-trigger yields as a function of $\Delta\phi$ for $8 < p_T^{trig} < 9 \otimes 1 < p_T^{assoc} < 2$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\mathrm{GeV/c})^{-1}$	Statistical Error $(\mathrm{GeV/c})^{-1}$	Systematic Error $(\mathrm{GeV/c})^{-1}$
-1.06	4.72e-02	1.59e-04	3.77e-03
-0.89	4.96e-02	1.63e-04	3.97e-03
-0.72	6.56e-02	1.89e-04	5.25e-03
-0.55	9.75e-02	2.34e-04	7.80e-03
-0.38	1.48e-01	2.95e-04	1.18e-02
-0.21	3.12e-01	4.57e-04	2.49e-02
-0.04	3.82e-01	5.20e-04	3.05e-02
0.13	3.33e-01	4.76e-04	2.66e-02
0.30	2.00e-01	3.50e-04	1.60e-02
0.48	1.02e-01	2.40e-04	8.19e-03
0.65	7.41e-02	2.02e-04	5.93e-03
0.82	5.25e-02	1.68e-04	4.20e-03
0.99	4.11e-02	1.48e-04	3.28e-03
1.16	4.46e-02	1.54e-04	3.56e-03
1.33	4.39e-02	1.53e-04	3.51e-03
1.50	4.55e-02	1.56e-04	3.64e-03
1.67	5.63e-02	1.75e-04	4.51e-03
1.84	5.98e-02	1.80e-04	4.78e-03
2.01	6.54e-02	1.89e-04	5.23e-03
2.18	7.75e-02	2.07e-04	6.20e-03
2.35	7.87e-02	2.08e-04	6.30e-03
2.52	9.79e-02	2.35e-04	7.84e-03
2.70	1.10e-01	2.50e-04	8.79e-03
2.87	1.35e-01	2.81e-04	1.08e-02
3.04	1.57e-01	3.05e-04	1.25e-02
3.21	1.54e-01	3.01e-04	1.23e-02
3.38	1.49e-01	2.96e-04	1.19e-02
3.55	1.12e-01	2.52e-04	8.95e-03
3.72	9.31e-02	2.28e-04	7.45e-03
3.89	7.53e-02	2.04e-04	6.02e-03
4.06	6.13e-02	1.82e-04	4.90e-03
4.23	5.56e-02	1.73e-04	4.45e-03
4.40	4.46e-02	1.54e-04	3.57e-03
4.57	4.79e-02	1.60e-04	3.83e-03
4.74	3.74e-02	1.66e-04	3.37e-03
4.88	4.20e-02	1.50e-04	3.36e-03
5.05	4.24e-02	1.50e-04	3.39e-03

TABLE XL. π^0 per-trigger yields as a function of $\Delta\phi$ for $8 < p_T^{trig} < 9 \otimes 2 < p_T^{assoc} < 3$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\mathrm{GeV/c})^{-1}$	Statistical Error $(\mathrm{GeV/c})^{-1}$	Systematic Error $(\mathrm{GeV/c})^{-1}$
-1.06	4.85e-03	5.00e-05	3.88e-04
-0.89	5.28e-03	5.22e-05	4.23e-04
-0.72	6.83e-03	5.93e-05	5.46e-04
-0.55	1.15e-02	7.70e-05	9.16e-04
-0.38	2.61e-02	1.17e-04	2.08e-03
-0.21	8.29e-02	2.14e-04	6.63e-03
-0.04	1.58e-01	3.06e-04	1.26e-02
0.13	1.21e-01	2.63e-04	9.68e-03
0.30	3.91e-02	1.44e-04	3.13e-03
0.48	1.48e-02	8.78e-05	1.19e-03
0.65	8.10e-03	6.47e-05	6.48e-04
0.82	4.78e-03	4.96e-05	3.82e-04
0.99	3.89e-03	4.47e-05	3.11e-04
1.16	4.62e-03	4.87e-05	3.69e-04
1.33	4.52e-03	4.82e-05	3.62e-04
1.50	5.05e-03	5.10e-05	4.04e-04
1.67	5.74e-03	5.44e-05	4.60e-04
1.84	6.69e-03	5.87e-05	5.35e-04
2.01	8.69e-03	6.70e-05	6.95e-04
2.18	1.13e-02	7.64e-05	9.03e-04
2.35	1.22e-02	7.95e-05	9.77e-04
2.52	1.53e-02	8.93e-05	1.23e-03
2.70	2.11e-02	1.05e-04	1.69e-03
2.87	3.11e-02	1.28e-04	2.49e-03
3.04	4.04e-02	1.47e-04	3.23e-03
3.21	4.26e-02	1.51e-04	3.41e-03
3.38	3.56e-02	1.37e-04	2.85e-03
3.55	2.32e-02	1.10e-04	1.85e-03
3.72	1.66e-02	9.29e-05	1.33e-03
3.89	1.19e-02	7.84e-05	9.49e-04
4.06	8.80e-03	6.74e-05	7.04e-04
4.23	7.20e-03	6.09e-05	5.76e-04
4.40	5.55e-03	5.35e-05	4.44e-04
4.57	4.93e-03	5.03e-05	3.94e-04
4.74	4.15e-03	5.49e-05	3.73e-04
4.88	5.53e-03	5.34e-05	4.43e-04
5.05	4.88e-03	5.01e-05	3.91e-04

TABLE XLI. π^0 per-trigger yields as a function of $\Delta\phi$ for $8 < p_T^{trig} < 9 \otimes 3 < p_T^{assoc} < 4$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-1.06	1.07e-03	2.34e-05	8.55e-05
-0.89	9.29e-04	2.18e-05	7.43e-05
-0.72	1.51e-03	2.78e-05	1.21e-04
-0.55	2.63e-03	3.68e-05	2.11e-04
-0.38	6.99e-03	6.00e-05	5.59e-04
-0.21	2.93e-02	1.24e-04	2.34e-03
-0.04	8.56e-02	2.18e-04	6.85e-03
0.13	5.79e-02	1.77e-04	4.63e-03
0.30	1.12e-02	7.60e-05	8.92e-04
0.48	3.86e-03	4.45e-05	3.09e-04
0.65	1.67e-03	2.93e-05	1.34e-04
0.82	1.32e-03	2.61e-05	1.06e-04
0.99	9.10e-04	2.16e-05	7.28e-05
1.16	8.51e-04	2.09e-05	6.81e-05
1.33	1.04e-03	2.31e-05	8.31e-05
1.50	9.90e-04	2.25e-05	7.92e-05
1.67	1.08e-03	2.35e-05	8.61e-05
1.84	1.47e-03	2.75e-05	1.18e-04
2.01	1.93e-03	3.15e-05	1.54e-04
2.18	2.96e-03	3.90e-05	2.37e-04
2.35	3.62e-03	4.32e-05	2.90e-04
2.52	4.68e-03	4.91e-05	3.75e-04
2.70	7.64e-03	6.28e-05	6.11e-04
2.87	1.20e-02	7.88e-05	9.58e-04
3.04	1.68e-02	9.34e-05	1.34e-03
3.21	1.84e-02	9.80e-05	1.47e-03
3.38	1.39e-02	8.50e-05	1.11e-03
3.55	8.94e-03	6.80e-05	7.15e-04
3.72	5.38e-03	5.26e-05	4.30e-04
3.89	3.35e-03	4.15e-05	2.68e-04
4.06	2.53e-03	3.60e-05	2.02e-04
4.23	2.04e-03	3.24e-05	1.63e-04
4.40	1.72e-03	2.97e-05	1.38e-04
4.57	1.04e-03	2.31e-05	8.31e-05
4.74	7.61e-04	2.27e-05	6.85e-05
4.88	1.14e-03	2.41e-05	9.10e-05
5.05	1.30e-03	2.58e-05	1.04e-04

TABLE XLII. π^0 per-trigger yields as a function of $\Delta\phi$ for $8 < p_T^{trig} < 9 \otimes 4 < p_T^{assoc} < 5$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	3.68e-04	1.37e-05	2.95e-05
-0.89	2.83e-04	1.20e-05	2.27e-05
-0.72	4.18e-04	1.46e-05	3.35e-05
-0.55	8.30e-04	2.06e-05	6.64e-05
-0.38	2.22e-03	3.38e-05	1.78e-04
-0.21	1.20e-02	7.89e-05	9.61e-04
-0.04	5.14e-02	1.66e-04	4.11e-03
0.13	2.98e-02	1.25e-04	2.39e-03
0.30	3.87e-03	4.46e-05	3.10e-04
0.48	1.18e-03	2.46e-05	9.43e-05
0.65	5.70e-04	1.71e-05	4.56e-05
0.82	4.24e-04	1.47e-05	3.39e-05
0.99	3.45e-04	1.33e-05	2.76e-05
1.16	2.24e-04	1.07e-05	1.80e-05
1.33	2.19e-04	1.06e-05	1.75e-05
1.50	1.93e-04	9.95e-06	1.55e-05
1.67	2.61e-04	1.16e-05	2.09e-05
1.84	4.60e-04	1.54e-05	3.68e-05
2.01	7.26e-04	1.93e-05	5.81e-05
2.18	9.99e-04	2.26e-05	7.99e-05
2.35	1.32e-03	2.60e-05	1.06e-04
2.52	2.02e-03	3.22e-05	1.62e-04
2.70	3.21e-03	4.06e-05	2.56e-04
2.87	5.47e-03	5.30e-05	4.37e-04
3.04	8.97e-03	6.81e-05	7.17e-04
3.21	9.50e-03	7.01e-05	7.60e-04
3.38	6.68e-03	5.87e-05	5.35e-04
3.55	4.28e-03	4.69e-05	3.43e-04
3.72	2.28e-03	3.42e-05	1.83e-04
3.89	1.56e-03	2.83e-05	1.25e-04
4.06	9.80e-04	2.24e-05	7.84e-05
4.23	6.37e-04	1.81e-05	5.09e-05
4.40	7.87e-04	2.01e-05	6.30e-05
4.57	4.60e-04	1.53e-05	3.68e-05
4.74	1.18e-04	8.98e-06	1.06e-05
4.88	4.71e-04	1.55e-05	3.77e-05
5.05	3.70e-04	1.38e-05	2.96e-05

TABLE XLIII. π^0 per-trigger yields as a function of $\Delta\phi$ for $8 < p_T^{trig} < 9 \otimes 5 < p_T^{assoc} < 10$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	2.85e-04	1.21e-05	2.28e-05
-0.89	3.37e-04	1.31e-05	2.70e-05
-0.72	3.00e-04	1.24e-05	2.40e-05
-0.55	5.33e-04	1.65e-05	4.26e-05
-0.38	1.27e-03	2.55e-05	1.02e-04
-0.21	6.97e-03	6.00e-05	5.58e-04
-0.04	4.21e-02	1.50e-04	3.36e-03
0.13	2.10e-02	1.05e-04	1.68e-03
0.30	2.27e-03	3.41e-05	1.81e-04
0.48	7.14e-04	1.91e-05	5.71e-05
0.65	4.35e-04	1.49e-05	3.48e-05
0.82	2.76e-04	1.19e-05	2.21e-05
0.99	2.45e-04	1.12e-05	1.96e-05
1.16	2.09e-04	1.03e-05	1.67e-05
1.33	3.04e-04	1.25e-05	2.43e-05
1.50	3.88e-04	1.41e-05	3.11e-05
1.67	1.73e-04	9.41e-06	1.38e-05
1.84	4.71e-04	1.55e-05	3.77e-05
2.01	3.55e-04	1.35e-05	2.84e-05
2.18	7.07e-04	1.90e-05	5.66e-05
2.35	9.33e-04	2.19e-05	7.47e-05
2.52	1.49e-03	2.77e-05	1.20e-04
2.70	2.26e-03	3.41e-05	1.81e-04
2.87	3.99e-03	4.53e-05	3.19e-04
3.04	7.03e-03	6.02e-05	5.62e-04
3.21	8.79e-03	6.74e-05	7.03e-04
3.38	5.29e-03	5.22e-05	4.23e-04
3.55	3.10e-03	3.99e-05	2.48e-04
3.72	1.63e-03	2.89e-05	1.30e-04
3.89	1.18e-03	2.46e-05	9.45e-05
4.06	5.95e-04	1.75e-05	4.76e-05
4.23	5.86e-04	1.73e-05	4.69e-05
4.40	6.41e-04	1.81e-05	5.13e-05
4.57	3.00e-04	1.24e-05	2.40e-05
4.74	2.36e-04	1.16e-05	2.13e-05
4.88	4.30e-04	1.48e-05	3.44e-05
5.05	2.50e-04	1.13e-05	2.00e-05

TABLE XLIV. π^0 per-trigger yields as a function of $\Delta\phi$ for $9 < p_T^{trig} < 12 \otimes 0.7 < p_T^{assoc} < 1$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	8.46e-02	2.17e-04	6.77e-03
-0.89	9.68e-02	2.33e-04	7.75e-03
-0.72	1.23e-01	2.66e-04	9.86e-03
-0.55	1.51e-01	2.98e-04	1.21e-02
-0.38	2.05e-01	3.56e-04	1.64e-02
-0.21	3.04e-01	4.50e-04	2.43e-02
-0.04	3.37e-01	4.80e-04	2.69e-02
0.13	3.17e-01	4.62e-04	2.53e-02
0.30	2.28e-01	3.79e-04	1.82e-02
0.48	1.62e-01	3.11e-04	1.30e-02
0.65	1.20e-01	2.63e-04	9.63e-03
0.82	1.04e-01	2.43e-04	8.33e-03
0.99	9.00e-02	2.24e-04	7.20e-03
1.16	9.46e-02	2.30e-04	7.57e-03
1.33	8.95e-02	2.24e-04	7.16e-03
1.50	8.25e-02	2.14e-04	6.60e-03
1.67	9.90e-02	2.36e-04	7.92e-03
1.84	1.05e-01	2.44e-04	8.40e-03
2.01	1.13e-01	2.54e-04	9.06e-03
2.18	1.24e-01	2.67e-04	9.90e-03
2.35	1.33e-01	2.77e-04	1.06e-02
2.52	1.46e-01	2.93e-04	1.17e-02
2.70	1.73e-01	3.22e-04	1.38e-02
2.87	1.83e-01	3.33e-04	1.47e-02
3.04	1.91e-01	3.41e-04	1.53e-02
3.21	1.93e-01	3.43e-04	1.54e-02
3.38	1.80e-01	3.30e-04	1.44e-02
3.55	1.60e-01	3.09e-04	1.28e-02
3.72	1.32e-01	2.77e-04	1.06e-02
3.89	1.18e-01	2.60e-04	9.43e-03
4.06	1.04e-01	2.42e-04	8.30e-03
4.23	9.23e-02	2.27e-04	7.38e-03
4.40	8.55e-02	2.18e-04	6.84e-03
4.57	8.89e-02	2.23e-04	7.11e-03
4.74	7.60e-02	2.41e-04	6.84e-03
4.88	8.31e-02	2.15e-04	6.65e-03
5.05	8.40e-02	2.16e-04	6.72e-03

TABLE XLV. π^0 per-trigger yields as a function of $\Delta\phi$ for $9 < p_T^{trig} < 12 \otimes 1 < p_T^{assoc} < 2$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(GeV/c)^{-1}$	Statistical Error $(GeV/c)^{-1}$	Systematic Error $(GeV/c)^{-1}$
-1.06	4.66e-02	1.58e-04	3.73e-03
-0.89	5.10e-02	1.66e-04	4.08e-03
-0.72	6.73e-02	1.92e-04	5.38e-03
-0.55	1.01e-01	2.39e-04	8.09e-03
-0.38	1.61e-01	3.09e-04	1.29e-02
-0.21	3.38e-01	4.81e-04	2.70e-02
-0.04	4.40e-01	5.70e-04	3.52e-02
0.13	3.73e-01	5.12e-04	2.98e-02
0.30	2.15e-01	3.66e-04	1.72e-02
0.48	1.09e-01	2.49e-04	8.76e-03
0.65	7.62e-02	2.05e-04	6.09e-03
0.82	5.32e-02	1.69e-04	4.26e-03
0.99	4.30e-02	1.52e-04	3.44e-03
1.16	4.60e-02	1.57e-04	3.68e-03
1.33	4.34e-02	1.52e-04	3.47e-03
1.50	4.96e-02	1.63e-04	3.97e-03
1.67	5.64e-02	1.75e-04	4.52e-03
1.84	6.02e-02	1.81e-04	4.81e-03
2.01	6.78e-02	1.93e-04	5.43e-03
2.18	7.79e-02	2.07e-04	6.23e-03
2.35	8.25e-02	2.14e-04	6.60e-03
2.52	1.07e-01	2.47e-04	8.58e-03
2.70	1.21e-01	2.64e-04	9.70e-03
2.87	1.53e-01	3.01e-04	1.23e-02
3.04	1.84e-01	3.34e-04	1.47e-02
3.21	1.81e-01	3.31e-04	1.45e-02
3.38	1.68e-01	3.17e-04	1.34e-02
3.55	1.24e-01	2.67e-04	9.93e-03
3.72	1.00e-01	2.37e-04	8.00e-03
3.89	7.77e-02	2.07e-04	6.21e-03
4.06	6.29e-02	1.85e-04	5.04e-03
4.23	5.77e-02	1.77e-04	4.61e-03
4.40	4.61e-02	1.57e-04	3.69e-03
4.57	4.75e-02	1.60e-04	3.80e-03
4.74	4.09e-02	1.74e-04	3.68e-03
4.88	4.26e-02	1.51e-04	3.41e-03
5.05	4.19e-02	1.50e-04	3.36e-03

TABLE XLVI. π^0 per-trigger yields as a function of $\Delta\phi$ for $9 < p_T^{trig} < 12 \otimes 2 < p_T^{assoc} < 3$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	4.89e-03	5.02e-05	3.91e-04
-0.89	5.70e-03	5.42e-05	4.56e-04
-0.72	7.15e-03	6.07e-05	5.72e-04
-0.55	1.25e-02	8.05e-05	1.00e-03
-0.38	2.93e-02	1.24e-04	2.35e-03
-0.21	9.12e-02	2.26e-04	7.29e-03
-0.04	1.93e-01	3.43e-04	1.54e-02
0.13	1.45e-01	2.92e-04	1.16e-02
0.30	4.40e-02	1.53e-04	3.52e-03
0.48	1.57e-02	9.05e-05	1.26e-03
0.65	8.74e-03	6.72e-05	6.99e-04
0.82	5.68e-03	5.41e-05	4.54e-04
0.99	4.48e-03	4.80e-05	3.58e-04
1.16	4.69e-03	4.91e-05	3.75e-04
1.33	4.54e-03	4.83e-05	3.63e-04
1.50	5.99e-03	5.56e-05	4.79e-04
1.67	6.84e-03	5.94e-05	5.47e-04
1.84	7.24e-03	6.11e-05	5.79e-04
2.01	8.82e-03	6.75e-05	7.05e-04
2.18	1.15e-02	7.71e-05	9.17e-04
2.35	1.34e-02	8.33e-05	1.07e-03
2.52	1.92e-02	1.00e-04	1.53e-03
2.70	2.62e-02	1.17e-04	2.10e-03
2.87	3.62e-02	1.39e-04	2.89e-03
3.04	5.23e-02	1.68e-04	4.18e-03
3.21	5.52e-02	1.73e-04	4.42e-03
3.38	4.31e-02	1.52e-04	3.45e-03
3.55	2.85e-02	1.23e-04	2.28e-03
3.72	1.86e-02	9.85e-05	1.49e-03
3.89	1.24e-02	8.01e-05	9.90e-04
4.06	9.40e-03	6.97e-05	7.52e-04
4.23	7.42e-03	6.19e-05	5.94e-04
4.40	6.73e-03	5.89e-05	5.39e-04
4.57	5.49e-03	5.32e-05	4.39e-04
4.74	3.81e-03	5.18e-05	3.43e-04
4.88	4.66e-03	4.90e-05	3.73e-04
5.05	4.51e-03	4.82e-05	3.61e-04

TABLE XLVII. π^0 per-trigger yields as a function of $\Delta\phi$ for $9 < p_T^{trig} < 12 \otimes 3 < p_T^{assoc} < 4$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	1.16e-03	2.44e-05	9.27e-05
-0.89	1.13e-03	2.41e-05	9.02e-05
-0.72	1.53e-03	2.80e-05	1.22e-04
-0.55	2.78e-03	3.78e-05	2.22e-04
-0.38	7.83e-03	6.36e-05	6.27e-04
-0.21	3.29e-02	1.32e-04	2.63e-03
-0.04	1.09e-01	2.49e-04	8.71e-03
0.13	7.09e-02	1.97e-04	5.68e-03
0.30	1.27e-02	8.10e-05	1.01e-03
0.48	3.83e-03	4.44e-05	3.06e-04
0.65	1.96e-03	3.17e-05	1.57e-04
0.82	1.21e-03	2.49e-05	9.66e-05
0.99	8.03e-04	2.03e-05	6.42e-05
1.16	8.38e-04	2.07e-05	6.70e-05
1.33	1.31e-03	2.60e-05	1.05e-04
1.50	1.07e-03	2.34e-05	8.55e-05
1.67	1.49e-03	2.77e-05	1.19e-04
1.84	1.50e-03	2.77e-05	1.20e-04
2.01	2.11e-03	3.29e-05	1.69e-04
2.18	3.22e-03	4.07e-05	2.58e-04
2.35	4.40e-03	4.76e-05	3.52e-04
2.52	5.40e-03	5.27e-05	4.32e-04
2.70	9.31e-03	6.94e-05	7.45e-04
2.87	1.51e-02	8.87e-05	1.21e-03
3.04	2.38e-02	1.12e-04	1.90e-03
3.21	2.65e-02	1.18e-04	2.12e-03
3.38	1.87e-02	9.89e-05	1.50e-03
3.55	1.13e-02	7.64e-05	9.01e-04
3.72	6.72e-03	5.89e-05	5.38e-04
3.89	3.89e-03	4.47e-05	3.11e-04
4.06	2.75e-03	3.76e-05	2.20e-04
4.23	1.84e-03	3.07e-05	1.47e-04
4.40	1.62e-03	2.89e-05	1.30e-04
4.57	1.74e-03	2.99e-05	1.39e-04
4.74	1.13e-03	2.82e-05	1.01e-04
4.88	1.40e-03	2.68e-05	1.12e-04
5.05	1.17e-03	2.45e-05	9.33e-05

TABLE XLVIII. π^0 per-trigger yields as a function of $\Delta\phi$ for $9 < p_T^{trig} < 12 \otimes 4 < p_T^{assoc} < 5$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	3.80e-04	1.40e-05	3.04e-05
-0.89	3.59e-04	1.36e-05	2.87e-05
-0.72	4.59e-04	1.53e-05	3.67e-05
-0.55	8.36e-04	2.07e-05	6.69e-05
-0.38	2.64e-03	3.68e-05	2.11e-04
-0.21	1.43e-02	8.62e-05	1.14e-03
-0.04	6.63e-02	1.90e-04	5.30e-03
0.13	3.78e-02	1.42e-04	3.02e-03
0.30	4.29e-03	4.70e-05	3.43e-04
0.48	1.27e-03	2.55e-05	1.01e-04
0.65	6.13e-04	1.77e-05	4.90e-05
0.82	4.28e-04	1.48e-05	3.42e-05
0.99	4.24e-04	1.47e-05	3.39e-05
1.16	2.13e-04	1.04e-05	1.70e-05
1.33	2.32e-04	1.09e-05	1.85e-05
1.50	3.25e-04	1.29e-05	2.60e-05
1.67	3.65e-04	1.37e-05	2.92e-05
1.84	4.54e-04	1.53e-05	3.63e-05
2.01	1.32e-03	2.60e-05	1.06e-04
2.18	1.36e-03	2.64e-05	1.09e-04
2.35	1.75e-03	3.00e-05	1.40e-04
2.52	2.71e-03	3.73e-05	2.17e-04
2.70	4.34e-03	4.73e-05	3.47e-04
2.87	7.26e-03	6.12e-05	5.81e-04
3.04	1.20e-02	7.90e-05	9.63e-04
3.21	1.38e-02	8.48e-05	1.11e-03
3.38	9.13e-03	6.87e-05	7.30e-04
3.55	5.65e-03	5.40e-05	4.52e-04
3.72	2.66e-03	3.70e-05	2.13e-04
3.89	1.77e-03	3.01e-05	1.42e-04
4.06	1.10e-03	2.37e-05	8.79e-05
4.23	6.77e-04	1.86e-05	5.41e-05
4.40	6.65e-04	1.85e-05	5.32e-05
4.57	5.97e-04	1.75e-05	4.78e-05
4.74	3.46e-04	1.53e-05	3.12e-05
4.88	6.53e-04	1.83e-05	5.22e-05
5.05	4.17e-04	1.46e-05	3.34e-05

TABLE XLIX. π^0 per-trigger yields as a function of $\Delta\phi$ for $9 < p_T^{trig} < 12 \otimes 5 < p_T^{assoc} < 10$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
-1.06	1.62e-04	9.10e-06	1.29e-05
-0.89	2.80e-04	1.20e-05	2.24e-05
-0.72	2.66e-04	1.17e-05	2.13e-05
-0.55	5.83e-04	1.73e-05	4.67e-05
-0.38	1.67e-03	2.93e-05	1.34e-04
-0.21	8.49e-03	6.62e-05	6.79e-04
-0.04	5.67e-02	1.75e-04	4.54e-03
0.13	2.68e-02	1.19e-04	2.14e-03
0.30	2.69e-03	3.72e-05	2.15e-04
0.48	9.79e-04	2.24e-05	7.83e-05
0.65	4.40e-04	1.50e-05	3.52e-05
0.82	3.56e-04	1.35e-05	2.85e-05
0.99	2.77e-04	1.19e-05	2.22e-05
1.16	3.60e-04	1.36e-05	2.88e-05
1.33	2.60e-04	1.15e-05	2.08e-05
1.50	3.79e-04	1.39e-05	3.03e-05
1.67	4.73e-04	1.56e-05	3.79e-05
1.84	4.56e-04	1.53e-05	3.64e-05
2.01	6.66e-04	1.85e-05	5.33e-05
2.18	7.97e-04	2.02e-05	6.38e-05
2.35	1.30e-03	2.58e-05	1.04e-04
2.52	1.93e-03	3.14e-05	1.54e-04
2.70	3.40e-03	4.18e-05	2.72e-04
2.87	5.88e-03	5.51e-05	4.71e-04
3.04	1.08e-02	7.49e-05	8.66e-04
3.21	1.24e-02	8.01e-05	9.91e-04
3.38	7.74e-03	6.32e-05	6.19e-04
3.55	4.29e-03	4.70e-05	3.43e-04
3.72	2.08e-03	3.27e-05	1.66e-04
3.89	1.12e-03	2.40e-05	8.97e-05
4.06	6.35e-04	1.80e-05	5.08e-05
4.23	5.82e-04	1.73e-05	4.66e-05
4.40	5.11e-04	1.62e-05	4.09e-05
4.57	3.50e-04	1.34e-05	2.80e-05
4.74	1.37e-04	9.93e-06	1.23e-05
4.88	4.14e-04	1.46e-05	3.31e-05
5.05	2.29e-04	1.08e-05	1.83e-05

TABLE L. π^0 per-trigger yields as a function of $\Delta\phi$ for $12 < p_T^{trig} < 15 \otimes 0.7 < p_T^{assoc} < 1$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(GeV/c)^{-1}$	Statistical Error $(GeV/c)^{-1}$	Systematic Error $(GeV/c)^{-1}$
-1.06	8.40e-02	5.01e-04	6.72e-03
-0.89	1.01e-01	5.54e-04	8.11e-03
-0.72	1.20e-01	6.08e-04	9.58e-03
-0.55	1.49e-01	6.86e-04	1.19e-02
-0.38	2.16e-01	8.49e-04	1.73e-02
-0.21	3.30e-01	1.10e-03	2.64e-02
-0.04	3.83e-01	1.21e-03	3.06e-02
0.13	3.39e-01	1.12e-03	2.71e-02
0.30	2.43e-01	9.12e-04	1.95e-02
0.48	1.77e-01	7.58e-04	1.42e-02
0.65	1.24e-01	6.20e-04	9.95e-03
0.82	1.00e-01	5.50e-04	8.00e-03
0.99	8.12e-02	4.92e-04	6.50e-03
1.16	1.03e-01	5.58e-04	8.22e-03
1.33	7.99e-02	4.87e-04	6.39e-03
1.50	7.83e-02	4.82e-04	6.26e-03
1.67	1.01e-01	5.54e-04	8.10e-03
1.84	9.53e-02	5.36e-04	7.62e-03
2.01	1.09e-01	5.76e-04	8.71e-03
2.18	1.29e-01	6.33e-04	1.03e-02
2.35	1.36e-01	6.52e-04	1.09e-02
2.52	1.48e-01	6.84e-04	1.18e-02
2.70	1.86e-01	7.79e-04	1.49e-02
2.87	2.10e-01	8.36e-04	1.68e-02
3.04	2.34e-01	8.91e-04	1.87e-02
3.21	2.27e-01	8.75e-04	1.81e-02
3.38	2.11e-01	8.39e-04	1.69e-02
3.55	1.79e-01	7.62e-04	1.43e-02
3.72	1.37e-01	6.54e-04	1.09e-02
3.89	1.19e-01	6.05e-04	9.50e-03
4.06	1.09e-01	5.77e-04	8.74e-03
4.23	8.93e-02	5.17e-04	7.14e-03
4.40	7.73e-02	4.79e-04	6.19e-03
4.57	8.40e-02	5.00e-04	6.72e-03
4.74	8.39e-02	5.87e-04	7.55e-03
4.88	8.12e-02	4.91e-04	6.50e-03
5.05	7.61e-02	4.75e-04	6.09e-03

TABLE LI. π^0 per-trigger yields as a function of $\Delta\phi$ for $12 < p_T^{trig} < 15 \otimes 1 < p_T^{assoc} < 2$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	4.46e-02	3.58e-04	3.57e-03
-0.89	5.02e-02	3.81e-04	4.02e-03
-0.72	6.33e-02	4.30e-04	5.06e-03
-0.55	1.06e-01	5.67e-04	8.45e-03
-0.38	1.76e-01	7.55e-04	1.41e-02
-0.21	3.69e-01	1.18e-03	2.96e-02
-0.04	5.44e-01	1.52e-03	4.35e-02
0.13	4.22e-01	1.29e-03	3.38e-02
0.30	2.47e-01	9.21e-04	1.98e-02
0.48	1.19e-01	6.04e-04	9.49e-03
0.65	7.82e-02	4.82e-04	6.26e-03
0.82	5.60e-02	4.03e-04	4.48e-03
0.99	4.54e-02	3.61e-04	3.63e-03
1.16	4.67e-02	3.67e-04	3.73e-03
1.33	4.13e-02	3.44e-04	3.30e-03
1.50	4.46e-02	3.58e-04	3.57e-03
1.67	5.89e-02	4.14e-04	4.71e-03
1.84	6.07e-02	4.21e-04	4.85e-03
2.01	6.94e-02	4.52e-04	5.55e-03
2.18	7.77e-02	4.80e-04	6.21e-03
2.35	8.56e-02	5.06e-04	6.85e-03
2.52	1.16e-01	5.96e-04	9.27e-03
2.70	1.42e-01	6.67e-04	1.13e-02
2.87	1.83e-01	7.72e-04	1.47e-02
3.04	2.20e-01	8.60e-04	1.76e-02
3.21	2.26e-01	8.74e-04	1.81e-02
3.38	2.10e-01	8.35e-04	1.68e-02
3.55	1.45e-01	6.75e-04	1.16e-02
3.72	1.07e-01	5.71e-04	8.56e-03
3.89	8.80e-02	5.13e-04	7.04e-03
4.06	6.65e-02	4.42e-04	5.32e-03
4.23	5.45e-02	3.98e-04	4.36e-03
4.40	4.48e-02	3.59e-04	3.58e-03
4.57	5.13e-02	3.85e-04	4.10e-03
4.74	3.49e-02	3.71e-04	3.14e-03
4.88	3.99e-02	3.38e-04	3.19e-03
5.05	4.33e-02	3.52e-04	3.46e-03

TABLE LII. π^0 per-trigger yields as a function of $\Delta\phi$ for $12 < p_T^{trig} < 15 \otimes 2 < p_T^{assoc} < 3$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	4.30e-03	1.09e-04	3.44e-04
-0.89	6.55e-03	1.35e-04	5.24e-04
-0.72	7.47e-03	1.44e-04	5.98e-04
-0.55	1.27e-02	1.88e-04	1.01e-03
-0.38	3.19e-02	3.01e-04	2.55e-03
-0.21	1.05e-01	5.66e-04	8.42e-03
-0.04	2.48e-01	9.24e-04	1.99e-02
0.13	1.73e-01	7.46e-04	1.38e-02
0.30	5.31e-02	3.92e-04	4.25e-03
0.48	1.72e-02	2.19e-04	1.37e-03
0.65	8.73e-03	1.56e-04	6.98e-04
0.82	5.10e-03	1.19e-04	4.08e-04
0.99	4.33e-03	1.09e-04	3.46e-04
1.16	3.59e-03	9.96e-05	2.87e-04
1.33	3.71e-03	1.01e-04	2.97e-04
1.50	5.59e-03	1.24e-04	4.47e-04
1.67	6.24e-03	1.31e-04	4.99e-04
1.84	8.04e-03	1.49e-04	6.43e-04
2.01	9.52e-03	1.63e-04	7.62e-04
2.18	1.48e-02	2.03e-04	1.19e-03
2.35	1.55e-02	2.08e-04	1.24e-03
2.52	2.02e-02	2.38e-04	1.62e-03
2.70	3.28e-02	3.05e-04	2.63e-03
2.87	4.92e-02	3.77e-04	3.93e-03
3.04	7.13e-02	4.58e-04	5.71e-03
3.21	7.87e-02	4.83e-04	6.29e-03
3.38	5.74e-02	4.09e-04	4.59e-03
3.55	3.49e-02	3.15e-04	2.79e-03
3.72	2.27e-02	2.53e-04	1.82e-03
3.89	1.51e-02	2.06e-04	1.21e-03
4.06	1.09e-02	1.74e-04	8.69e-04
4.23	9.28e-03	1.61e-04	7.43e-04
4.40	7.09e-03	1.40e-04	5.67e-04
4.57	5.06e-03	1.18e-04	4.04e-04
4.74	4.03e-03	1.21e-04	3.63e-04
4.88	5.65e-03	1.25e-04	4.52e-04
5.05	5.28e-03	1.21e-04	4.23e-04

TABLE LIII. π^0 per-trigger yields as a function of $\Delta\phi$ for $12 < p_T^{trig} < 15 \otimes 3 < p_T^{assoc} < 4$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\mathrm{GeV/c})^{-1}$	Statistical Error $(\mathrm{GeV/c})^{-1}$	Systematic Error $(\mathrm{GeV/c})^{-1}$
-1.06	1.40e-03	6.21e-05	1.12e-04
-0.89	1.36e-03	6.13e-05	1.09e-04
-0.72	1.67e-03	6.79e-05	1.34e-04
-0.55	3.65e-03	1.00e-04	2.92e-04
-0.38	9.54e-03	1.63e-04	7.63e-04
-0.21	4.21e-02	3.47e-04	3.36e-03
-0.04	1.46e-01	6.78e-04	1.17e-02
0.13	8.87e-02	5.15e-04	7.10e-03
0.30	1.67e-02	2.16e-04	1.34e-03
0.48	4.57e-03	1.12e-04	3.65e-04
0.65	2.13e-03	7.67e-05	1.71e-04
0.82	1.48e-03	6.38e-05	1.18e-04
0.99	1.31e-03	6.01e-05	1.05e-04
1.16	1.50e-03	6.44e-05	1.20e-04
1.33	7.54e-04	4.56e-05	6.03e-05
1.50	1.60e-03	6.64e-05	1.28e-04
1.67	2.36e-03	8.06e-05	1.89e-04
1.84	2.69e-03	8.61e-05	2.15e-04
2.01	2.49e-03	8.28e-05	1.99e-04
2.18	2.86e-03	8.89e-05	2.29e-04
2.35	5.08e-03	1.19e-04	4.07e-04
2.52	7.69e-03	1.46e-04	6.15e-04
2.70	1.23e-02	1.85e-04	9.87e-04
2.87	2.04e-02	2.39e-04	1.63e-03
3.04	3.37e-02	3.10e-04	2.69e-03
3.21	4.06e-02	3.41e-04	3.25e-03
3.38	2.48e-02	2.64e-04	1.98e-03
3.55	1.57e-02	2.09e-04	1.26e-03
3.72	9.25e-03	1.60e-04	7.40e-04
3.89	5.69e-03	1.25e-04	4.55e-04
4.06	2.40e-03	8.14e-05	1.92e-04
4.23	2.42e-03	8.16e-05	1.93e-04
4.40	1.73e-03	6.91e-05	1.38e-04
4.57	1.46e-03	6.33e-05	1.16e-04
4.74	5.60e-04	5.21e-05	5.04e-05
4.88	8.04e-04	4.70e-05	6.43e-05
5.05	1.39e-03	6.20e-05	1.12e-04

TABLE LIV. π^0 per-trigger yields as a function of $\Delta\phi$ for $12 < p_T^{trig} < 15 \otimes 4 < p_T^{assoc} < 5$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	1.23e-04	1.84e-05	9.86e-06
-0.89	2.13e-04	2.42e-05	1.71e-05
-0.72	6.57e-04	4.25e-05	5.26e-05
-0.55	1.01e-03	5.28e-05	8.10e-05
-0.38	2.67e-03	8.59e-05	2.14e-04
-0.21	1.67e-02	2.16e-04	1.34e-03
-0.04	9.11e-02	5.23e-04	7.29e-03
0.13	4.92e-02	3.77e-04	3.94e-03
0.30	5.06e-03	1.18e-04	4.05e-04
0.48	1.40e-03	6.21e-05	1.12e-04
0.65	5.97e-04	4.05e-05	4.77e-05
0.82	9.78e-04	5.19e-05	7.82e-05
0.99	2.36e-04	2.55e-05	1.89e-05
1.16	1.85e-04	2.26e-05	1.48e-05
1.33	6.18e-04	4.12e-05	4.94e-05
1.50	5.00e-04	3.71e-05	4.00e-05
1.67	4.78e-04	3.63e-05	3.82e-05
1.84	3.62e-04	3.15e-05	2.89e-05
2.01	1.37e-03	6.14e-05	1.10e-04
2.18	1.60e-03	6.65e-05	1.28e-04
2.35	2.38e-03	8.10e-05	1.90e-04
2.52	2.82e-03	8.83e-05	2.26e-04
2.70	5.26e-03	1.21e-04	4.21e-04
2.87	1.11e-02	1.75e-04	8.84e-04
3.04	1.94e-02	2.33e-04	1.55e-03
3.21	2.10e-02	2.43e-04	1.68e-03
3.38	1.38e-02	1.96e-04	1.10e-03
3.55	7.66e-03	1.46e-04	6.13e-04
3.72	3.57e-03	9.92e-05	2.85e-04
3.89	2.32e-03	8.00e-05	1.86e-04
4.06	9.87e-04	5.21e-05	7.90e-05
4.23	8.63e-04	4.88e-05	6.90e-05
4.40	7.56e-04	4.56e-05	6.05e-05
4.57	3.12e-04	2.93e-05	2.50e-05
4.74	5.07e-04	3.45e-05	4.57e-05
4.88	5.76e-04	3.98e-05	4.61e-05
5.05	5.72e-04	3.97e-05	4.58e-05

TABLE LV. π^0 per-trigger yields as a function of $\Delta\phi$ for $12 < p_T^{trig} < 15 \otimes 5 < p_T^{assoc} < 10$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
-1.06	1.05e-04	1.70e-05	8.39e-06
-0.89	3.78e-04	3.23e-05	3.03e-05
-0.72	2.64e-04	2.70e-05	2.11e-05
-0.55	5.41e-04	3.86e-05	4.32e-05
-0.38	1.83e-03	7.11e-05	1.47e-04
-0.21	1.10e-02	1.75e-04	8.79e-04
-0.04	8.37e-02	5.00e-04	6.70e-03
0.13	3.56e-02	3.19e-04	2.85e-03
0.30	3.49e-03	9.81e-05	2.79e-04
0.48	9.10e-04	5.01e-05	7.28e-05
0.65	5.69e-04	3.96e-05	4.55e-05
0.82	6.45e-04	4.21e-05	5.16e-05
0.99	1.61e-04	2.10e-05	1.29e-05
1.16	2.59e-04	2.67e-05	2.07e-05
1.33	2.91e-04	2.83e-05	2.33e-05
1.50	3.11e-04	2.92e-05	2.48e-05
1.67	9.50e-04	5.11e-05	7.60e-05
1.84	3.73e-04	3.20e-05	2.98e-05
2.01	9.36e-04	5.08e-05	7.49e-05
2.18	1.11e-03	5.53e-05	8.88e-05
2.35	1.34e-03	6.07e-05	1.07e-04
2.52	2.98e-03	9.06e-05	2.38e-04
2.70	4.02e-03	1.05e-04	3.22e-04
2.87	1.01e-02	1.67e-04	8.06e-04
3.04	1.84e-02	2.27e-04	1.48e-03
3.21	2.16e-02	2.47e-04	1.73e-03
3.38	1.19e-02	1.82e-04	9.53e-04
3.55	5.44e-03	1.23e-04	4.35e-04
3.72	2.55e-03	8.39e-05	2.04e-04
3.89	1.97e-03	7.36e-05	1.57e-04
4.06	7.76e-04	4.62e-05	6.21e-05
4.23	9.80e-04	5.20e-05	7.84e-05
4.40	7.03e-04	4.40e-05	5.62e-05
4.57	1.27e-04	1.87e-05	1.02e-05
4.74	3.37e-04	3.51e-05	3.03e-05
4.88	0.00e+00	0.00e+00	0.00e+00
5.05	3.57e-04	3.14e-05	2.86e-05

TABLE LVI. Direct photon per-trigger yields as a function of $\Delta\phi$ for $7 < p_T^{trig} < 8 \otimes 0.7 < p_T^{assoc} < 1$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	4.81e-02	4.40e-03	5.07e-03
1.16	4.00e-02	4.57e-03	4.21e-03
1.33	6.74e-03	4.42e-03	7.09e-04
1.50	7.48e-02	4.12e-03	7.87e-03
1.67	6.06e-02	4.72e-03	6.38e-03
1.84	9.22e-02	4.66e-03	9.70e-03
2.01	1.32e-01	4.85e-03	1.39e-02
2.18	1.38e-01	4.91e-03	1.45e-02
2.35	6.95e-02	5.09e-03	7.32e-03
2.52	1.08e-01	5.28e-03	1.14e-02
2.70	4.93e-02	5.65e-03	5.18e-03
2.87	9.65e-02	5.56e-03	1.02e-02
3.04	1.30e-01	5.67e-03	1.36e-02
3.21	1.22e-01	5.67e-03	1.28e-02
3.38	1.10e-01	5.59e-03	1.16e-02
3.55	9.57e-02	5.41e-03	1.01e-02
3.72	9.91e-02	5.11e-03	1.04e-02
3.89	6.05e-02	4.92e-03	6.37e-03
4.06	3.72e-02	4.66e-03	3.92e-03
4.23	6.13e-02	4.42e-03	6.45e-03
4.40	6.68e-02	4.25e-03	7.02e-03
4.57	3.43e-02	4.46e-03	3.61e-03
4.74	1.10e-02	4.82e-03	1.16e-03
4.88	2.11e-02	4.13e-03	2.22e-03
5.05	4.63e-02	4.12e-03	4.87e-03

TABLE LVII. Direct photon per-trigger yields as a function of $\Delta\phi$ for $7 < p_T^{trig} < 8 \otimes 1 < p_T^{assoc} < 2$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	2.45e-02	2.81e-03	2.58e-03
1.16	1.00e-02	2.92e-03	1.06e-03
1.33	4.73e-03	2.83e-03	4.97e-04
1.50	5.94e-02	2.97e-03	6.25e-03
1.67	7.74e-02	3.24e-03	8.14e-03
1.84	7.04e-02	3.42e-03	7.41e-03
2.01	2.15e-02	3.53e-03	2.26e-03
2.18	2.00e-02	3.76e-03	2.11e-03
2.35	7.40e-02	3.78e-03	7.79e-03
2.52	6.18e-02	4.15e-03	6.51e-03
2.70	7.27e-02	4.27e-03	7.65e-03
2.87	9.15e-02	4.56e-03	9.62e-03
3.04	7.81e-02	4.78e-03	8.22e-03
3.21	9.52e-02	4.78e-03	1.00e-02
3.38	7.51e-02	4.80e-03	7.90e-03
3.55	6.77e-02	4.25e-03	7.12e-03
3.72	4.49e-02	4.05e-03	4.73e-03
3.89	6.01e-02	3.68e-03	6.32e-03
4.06	3.94e-02	3.39e-03	4.15e-03
4.23	4.18e-02	3.28e-03	4.40e-03
4.40	2.86e-02	2.96e-03	3.01e-03
4.57	1.19e-02	3.09e-03	1.25e-03
4.74	2.38e-02	3.22e-03	2.50e-03
4.88	1.56e-04	2.83e-03	1.64e-05
5.05	1.62e-02	2.84e-03	1.70e-03

TABLE LVIII. Direct photon per-trigger yields as a function of $\Delta\phi$ for $7 < p_T^{trig} < 8 \otimes 2 < p_T^{assoc} < 3$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(GeV/c)^{-1}$	Statistical Error $(GeV/c)^{-1}$	Systematic Error $(GeV/c)^{-1}$
0.99	3.18e-03	8.39e-04	3.34e-04
1.16	1.21e-02	7.81e-04	1.27e-03
1.33	1.53e-03	8.62e-04	1.61e-04
1.50	1.29e-02	8.98e-04	1.36e-03
1.67	1.29e-02	9.95e-04	1.36e-03
1.84	8.30e-03	1.05e-03	8.73e-04
2.01	9.39e-04	1.23e-03	9.88e-05
2.18	-5.90e-03	1.31e-03	6.21e-04
2.35	8.47e-03	1.33e-03	8.91e-04
2.52	1.05e-02	1.49e-03	1.11e-03
2.70	2.09e-02	1.64e-03	2.19e-03
2.87	1.60e-02	1.86e-03	1.69e-03
3.04	1.60e-02	2.05e-03	1.68e-03
3.21	2.67e-02	2.10e-03	2.81e-03
3.38	1.50e-02	1.99e-03	1.58e-03
3.55	1.94e-02	1.75e-03	2.04e-03
3.72	1.44e-02	1.50e-03	1.52e-03
3.89	6.88e-03	1.28e-03	7.24e-04
4.06	5.16e-03	1.19e-03	5.43e-04
4.23	1.11e-04	1.10e-03	1.17e-05
4.40	-4.78e-03	1.05e-03	5.03e-04
4.57	6.63e-03	9.63e-04	6.98e-04
4.74	-9.77e-04	1.07e-03	1.16e-04
4.88	1.43e-04	9.56e-04	1.51e-05
5.05	5.03e-03	8.97e-04	5.29e-04

TABLE LIX. Direct photon per-trigger yields as a function of $\Delta\phi$ for $7 < p_T^{trig} < 8 \otimes 3 < p_T^{assoc} < 4$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	7.61e-04	3.86e-04	8.01e-05
1.16	9.61e-04	3.81e-04	1.01e-04
1.33	1.45e-03	3.44e-04	1.53e-04
1.50	-1.48e-03	4.51e-04	1.56e-04
1.67	2.26e-03	5.14e-04	2.38e-04
1.84	2.80e-03	4.47e-04	2.94e-04
2.01	1.07e-03	5.28e-04	1.12e-04
2.18	1.09e-03	6.38e-04	1.15e-04
2.35	6.05e-04	6.97e-04	6.37e-05
2.52	2.81e-03	7.56e-04	2.95e-04
2.70	3.60e-03	9.08e-04	3.79e-04
2.87	2.23e-03	1.04e-03	2.34e-04
3.04	6.82e-03	1.17e-03	7.18e-04
3.21	2.85e-03	1.25e-03	3.00e-04
3.38	8.09e-03	1.13e-03	8.52e-04
3.55	8.81e-03	9.78e-04	9.28e-04
3.72	4.48e-03	8.03e-04	4.72e-04
3.89	5.26e-03	6.86e-04	5.54e-04
4.06	3.65e-04	6.42e-04	3.84e-05
4.23	-9.65e-04	5.46e-04	1.02e-04
4.40	-3.24e-04	5.27e-04	3.41e-05
4.57	1.15e-03	4.12e-04	1.21e-04
4.74	-2.17e-03	4.81e-04	2.22e-04
4.88	5.62e-04	4.44e-04	5.91e-05
5.05	2.19e-03	4.39e-04	2.30e-04

TABLE LX. Direct photon per-trigger yields as a function of $\Delta\phi$ for $7 < p_T^{trig} < 8 \otimes 4 < p_T^{assoc} < 5$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\mathrm{GeV/c})^{-1}$	Statistical Error $(\mathrm{GeV/c})^{-1}$	Systematic Error $(\mathrm{GeV/c})^{-1}$
0.99	-4.59e-04	2.21e-04	4.83e-05
1.16	2.61e-04	2.26e-04	2.74e-05
1.33	9.80e-05	1.62e-04	1.03e-05
1.50	-1.16e-03	2.68e-04	1.23e-04
1.67	1.16e-03	2.10e-04	1.22e-04
1.84	-4.55e-05	2.77e-04	4.79e-06
2.01	6.66e-04	3.59e-04	7.01e-05
2.18	7.10e-04	3.34e-04	7.47e-05
2.35	3.02e-03	4.08e-04	3.17e-04
2.52	1.49e-03	4.71e-04	1.56e-04
2.70	1.45e-04	5.34e-04	1.52e-05
2.87	2.00e-03	6.59e-04	2.10e-04
3.04	1.12e-03	7.69e-04	1.18e-04
3.21	2.34e-03	8.06e-04	2.46e-04
3.38	1.11e-03	7.12e-04	1.17e-04
3.55	1.98e-03	6.35e-04	2.09e-04
3.72	9.52e-04	5.03e-04	1.00e-04
3.89	9.48e-04	3.97e-04	9.98e-05
4.06	1.51e-03	3.43e-04	1.59e-04
4.23	2.67e-04	3.22e-04	2.81e-05
4.40	3.56e-04	2.47e-04	3.75e-05
4.57	7.96e-04	2.62e-04	8.38e-05
4.74	6.32e-04	1.90e-04	7.09e-05
4.88	-1.69e-04	2.30e-04	1.77e-05
5.05	-5.01e-04	2.51e-04	5.28e-05

TABLE LXI. Direct photon per-trigger yields as a function of $\Delta\phi$ for $7 < p_T^{trig} < 8 \otimes 5 < p_T^{assoc} < 10$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	-2.93e-04	1.72e-04	3.08e-05
1.16	1.43e-03	1.72e-04	1.50e-04
1.33	3.54e-04	1.97e-04	3.72e-05
1.50	-1.03e-03	2.09e-04	1.08e-04
1.67	-7.78e-04	2.85e-04	8.19e-05
1.84	1.27e-03	2.22e-04	1.33e-04
2.01	-1.53e-03	2.78e-04	1.61e-04
2.18	-6.30e-04	2.56e-04	6.63e-05
2.35	-1.05e-04	3.60e-04	1.10e-05
2.52	8.68e-04	3.57e-04	9.13e-05
2.70	7.21e-04	4.45e-04	7.58e-05
2.87	3.18e-03	4.98e-04	3.35e-04
3.04	2.36e-03	5.85e-04	2.49e-04
3.21	6.78e-04	6.46e-04	7.14e-05
3.38	2.31e-03	5.58e-04	2.43e-04
3.55	1.53e-03	5.08e-04	1.61e-04
3.72	3.24e-04	3.92e-04	3.41e-05
3.89	1.80e-03	3.09e-04	1.89e-04
4.06	1.32e-03	2.58e-04	1.39e-04
4.23	9.85e-04	2.44e-04	1.04e-04
4.40	1.01e-03	2.03e-04	1.07e-04
4.57	-2.38e-04	2.39e-04	2.51e-05
4.74	3.84e-04	2.65e-04	4.80e-05
4.88	7.77e-04	2.00e-04	8.17e-05
5.05	-5.34e-06	1.77e-04	5.62e-07

TABLE LXII. Direct photon per-trigger yields as a function of $\Delta\phi$ for $8 < p_T^{trig} < 9 \otimes 0.7 < p_T^{assoc} < 1$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\mathrm{GeV/c})^{-1}$	Statistical Error $(\mathrm{GeV/c})^{-1}$	Systematic Error $(\mathrm{GeV/c})^{-1}$
0.99	7.07e-02	3.64e-03	7.98e-03
1.16	1.55e-02	3.81e-03	1.75e-03
1.33	4.82e-02	3.62e-03	5.44e-03
1.50	1.01e-02	3.56e-03	1.14e-03
1.67	5.06e-02	3.79e-03	5.71e-03
1.84	8.69e-02	4.11e-03	9.80e-03
2.01	6.86e-02	4.29e-03	7.74e-03
2.18	1.35e-01	4.25e-03	1.52e-02
2.35	1.12e-01	4.32e-03	1.27e-02
2.52	1.05e-01	4.54e-03	1.19e-02
2.70	1.15e-01	4.81e-03	1.29e-02
2.87	1.23e-01	4.80e-03	1.39e-02
3.04	1.23e-01	4.90e-03	1.39e-02
3.21	1.18e-01	4.96e-03	1.34e-02
3.38	1.28e-01	4.93e-03	1.44e-02
3.55	1.24e-01	4.71e-03	1.40e-02
3.72	1.27e-01	4.22e-03	1.44e-02
3.89	9.13e-02	4.19e-03	1.03e-02
4.06	7.91e-02	3.85e-03	8.93e-03
4.23	1.11e-01	3.67e-03	1.25e-02
4.40	7.58e-02	3.56e-03	8.55e-03
4.57	5.87e-02	3.68e-03	6.62e-03
4.74	5.12e-02	3.97e-03	5.77e-03
4.88	7.82e-02	3.53e-03	8.83e-03
5.05	6.82e-02	3.56e-03	7.69e-03

TABLE LXIII. Direct photon per-trigger yields as a function of $\Delta\phi$ for $8 < p_T^{trig} < 9 \otimes 1 < p_T^{assoc} < 2$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(GeV/c)^{-1}$	Statistical Error $(GeV/c)^{-1}$	Systematic Error $(GeV/c)^{-1}$
0.99	3.76e-02	2.31e-03	4.24e-03
1.16	3.62e-02	2.38e-03	4.08e-03
1.33	1.51e-02	2.30e-03	1.70e-03
1.50	4.72e-02	2.44e-03	5.33e-03
1.67	4.10e-02	2.68e-03	4.63e-03
1.84	5.50e-02	2.88e-03	6.20e-03
2.01	4.48e-02	2.95e-03	5.06e-03
2.18	4.64e-02	3.09e-03	5.23e-03
2.35	7.50e-02	3.14e-03	8.46e-03
2.52	6.98e-02	3.47e-03	7.87e-03
2.70	7.75e-02	3.63e-03	8.74e-03
2.87	1.05e-01	3.93e-03	1.18e-02
3.04	8.07e-02	4.13e-03	9.11e-03
3.21	1.12e-01	4.21e-03	1.27e-02
3.38	7.47e-02	4.19e-03	8.43e-03
3.55	7.61e-02	3.68e-03	8.58e-03
3.72	5.40e-02	3.40e-03	6.09e-03
3.89	3.78e-02	3.10e-03	4.27e-03
4.06	4.01e-02	2.82e-03	4.53e-03
4.23	5.13e-02	2.70e-03	5.79e-03
4.40	4.19e-02	2.40e-03	4.73e-03
4.57	3.64e-02	2.52e-03	4.10e-03
4.74	4.59e-02	2.65e-03	5.18e-03
4.88	4.36e-02	2.32e-03	4.92e-03
5.05	4.07e-02	2.38e-03	4.60e-03

TABLE LXIV. Direct photon per-trigger yields as a function of $\Delta\phi$ for $8 < p_T^{trig} < 9 \otimes 2 < p_T^{assoc} < 3$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	1.08e-03	6.80e-04	1.22e-04
1.16	2.77e-03	7.33e-04	3.12e-04
1.33	2.09e-03	6.73e-04	2.36e-04
1.50	-1.44e-04	7.65e-04	1.63e-05
1.67	4.94e-03	7.33e-04	5.57e-04
1.84	3.14e-03	9.05e-04	3.54e-04
2.01	6.80e-03	1.03e-03	7.67e-04
2.18	8.59e-03	1.13e-03	9.69e-04
2.35	1.25e-02	1.15e-03	1.41e-03
2.52	1.69e-02	1.29e-03	1.91e-03
2.70	1.55e-02	1.44e-03	1.74e-03
2.87	1.10e-02	1.66e-03	1.25e-03
3.04	1.63e-02	1.84e-03	1.84e-03
3.21	2.88e-02	1.94e-03	3.25e-03
3.38	2.13e-02	1.78e-03	2.40e-03
3.55	1.82e-02	1.52e-03	2.05e-03
3.72	1.18e-02	1.34e-03	1.33e-03
3.89	8.84e-03	1.14e-03	9.97e-04
4.06	8.76e-03	9.66e-04	9.89e-04
4.23	5.53e-03	9.18e-04	6.24e-04
4.40	8.00e-03	7.94e-04	9.02e-04
4.57	7.21e-03	7.97e-04	8.13e-04
4.74	1.62e-03	8.21e-04	4.34e-04
4.88	-1.95e-03	7.71e-04	2.20e-04
5.05	7.21e-03	7.46e-04	8.14e-04

TABLE LXV. Direct photon per-trigger yields as a function of $\Delta\phi$ for $8 < p_T^{trig} < 9 \otimes 3 < p_T^{assoc} < 4$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	7.10e-04	3.54e-04	8.01e-05
1.16	-3.81e-04	2.98e-04	4.30e-05
1.33	2.42e-03	3.49e-04	2.73e-04
1.50	3.69e-03	3.70e-04	4.16e-04
1.67	1.28e-03	3.08e-04	1.45e-04
1.84	-8.90e-04	3.74e-04	1.00e-04
2.01	8.04e-04	4.53e-04	9.07e-05
2.18	3.32e-03	5.73e-04	3.74e-04
2.35	3.76e-03	5.72e-04	4.24e-04
2.52	3.22e-03	6.47e-04	3.64e-04
2.70	3.62e-03	8.08e-04	4.08e-04
2.87	4.96e-03	9.24e-04	5.60e-04
3.04	4.33e-03	1.11e-03	4.88e-04
3.21	1.01e-02	1.10e-03	1.13e-03
3.38	4.62e-03	1.03e-03	5.22e-04
3.55	5.14e-03	8.99e-04	5.80e-04
3.72	4.35e-03	7.16e-04	4.90e-04
3.89	2.72e-03	5.64e-04	3.07e-04
4.06	-5.01e-04	5.37e-04	5.66e-05
4.23	4.84e-04	4.58e-04	5.46e-05
4.40	4.14e-04	4.45e-04	4.67e-05
4.57	2.47e-03	3.67e-04	2.78e-04
4.74	1.40e-03	4.35e-04	1.73e-04
4.88	1.23e-03	2.83e-04	1.38e-04
5.05	2.15e-03	3.71e-04	2.42e-04

TABLE LXVI. Direct photon per-trigger yields as a function of $\Delta\phi$ for $8 < p_T^{trig} < 9 \otimes 4 < p_T^{assoc} < 5$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	1.20e-03	1.96e-04	1.35e-04
1.16	3.02e-04	1.46e-04	3.40e-05
1.33	2.21e-04	2.02e-04	2.49e-05
1.50	7.43e-04	1.78e-04	8.38e-05
1.67	2.13e-03	1.77e-04	2.40e-04
1.84	-4.86e-04	2.22e-04	5.48e-05
2.01	1.31e-03	2.74e-04	1.48e-04
2.18	1.25e-03	2.76e-04	1.40e-04
2.35	2.43e-03	3.52e-04	2.74e-04
2.52	3.16e-05	3.97e-04	3.56e-06
2.70	3.64e-03	4.96e-04	4.11e-04
2.87	4.88e-03	5.69e-04	5.50e-04
3.04	2.21e-03	7.24e-04	2.49e-04
3.21	2.26e-03	7.49e-04	2.55e-04
3.38	3.56e-03	6.84e-04	4.02e-04
3.55	1.62e-03	5.66e-04	1.83e-04
3.72	9.06e-04	4.65e-04	1.02e-04
3.89	-6.69e-04	3.71e-04	7.55e-05
4.06	6.44e-04	3.06e-04	7.27e-05
4.23	2.46e-04	2.09e-04	2.78e-05
4.40	1.95e-03	3.23e-04	2.20e-04
4.57	5.11e-04	1.71e-04	5.77e-05
4.74	-5.79e-04	1.49e-04	6.51e-05
4.88	-9.41e-05	2.32e-04	1.06e-05
5.05	-6.20e-04	1.89e-04	7.00e-05

TABLE LXVII. Direct photon per-trigger yields as a function of $\Delta\phi$ for $8 < p_T^{trig} < 9 \otimes 5 < p_T^{assoc} < 10$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	7.44e-04	1.43e-04	8.39e-05
1.16	-1.54e-04	1.23e-04	1.74e-05
1.33	-3.83e-04	1.45e-04	4.32e-05
1.50	3.45e-04	2.05e-04	3.89e-05
1.67	-2.56e-05	1.32e-04	2.88e-06
1.84	-9.74e-04	2.31e-04	1.10e-04
2.01	-6.58e-04	1.77e-04	7.43e-05
2.18	-4.61e-04	2.29e-04	5.20e-05
2.35	2.65e-03	3.28e-04	3.00e-04
2.52	1.23e-03	3.50e-04	1.39e-04
2.70	2.40e-03	3.97e-04	2.71e-04
2.87	3.66e-03	4.75e-04	4.13e-04
3.04	3.16e-03	6.08e-04	3.57e-04
3.21	2.72e-03	6.31e-04	3.07e-04
3.38	1.23e-03	5.41e-04	1.39e-04
3.55	1.69e-03	4.75e-04	1.90e-04
3.72	1.06e-03	3.55e-04	1.19e-04
3.89	5.54e-04	3.03e-04	6.25e-05
4.06	9.24e-04	2.28e-04	1.04e-04
4.23	-9.80e-04	2.39e-04	1.11e-04
4.40	-2.24e-04	2.23e-04	2.52e-05
4.57	1.66e-03	1.72e-04	1.87e-04
4.74	-5.58e-04	1.76e-04	9.10e-05
4.88	-1.17e-05	2.37e-04	1.32e-06
5.05	8.52e-04	1.70e-04	9.62e-05

TABLE LXVIII. Direct photon per-trigger yields as a function of $\Delta\phi$ for $9 < p_T^{trig} < 12 \otimes 0.7 < p_T^{assoc} < 1$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(GeV/c)^{-1}$	Statistical Error $(GeV/c)^{-1}$	Systematic Error $(GeV/c)^{-1}$
0.99	6.14e-02	1.88e-03	7.49e-03
1.16	6.54e-02	2.00e-03	7.98e-03
1.33	6.41e-02	1.92e-03	7.82e-03
1.50	8.59e-02	1.92e-03	1.05e-02
1.67	1.21e-01	2.09e-03	1.48e-02
1.84	8.54e-02	2.13e-03	1.04e-02
2.01	1.09e-01	2.19e-03	1.34e-02
2.18	1.09e-01	2.31e-03	1.33e-02
2.35	1.10e-01	2.38e-03	1.34e-02
2.52	1.21e-01	2.48e-03	1.48e-02
2.70	1.39e-01	2.69e-03	1.69e-02
2.87	1.20e-01	2.70e-03	1.46e-02
3.04	1.69e-01	2.77e-03	2.07e-02
3.21	1.50e-01	2.79e-03	1.83e-02
3.38	1.59e-01	2.73e-03	1.94e-02
3.55	1.57e-01	2.60e-03	1.92e-02
3.72	1.20e-01	2.41e-03	1.47e-02
3.89	9.36e-02	2.25e-03	1.14e-02
4.06	7.72e-02	2.07e-03	9.43e-03
4.23	7.53e-02	1.97e-03	9.19e-03
4.40	5.04e-02	1.88e-03	6.16e-03
4.57	7.27e-02	1.94e-03	8.87e-03
4.74	5.82e-02	2.21e-03	7.10e-03
4.88	8.52e-02	1.87e-03	1.04e-02
5.05	5.56e-02	1.82e-03	6.79e-03

TABLE LXIX. Direct photon per-trigger yields as a function of $\Delta\phi$ for $9 < p_T^{trig} < 12 \otimes 1 < p_T^{assoc} < 2$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	1.76e-02	1.24e-03	2.15e-03
1.16	2.75e-02	1.24e-03	3.36e-03
1.33	2.31e-02	1.20e-03	2.82e-03
1.50	3.45e-02	1.30e-03	4.21e-03
1.67	5.81e-02	1.42e-03	7.09e-03
1.84	6.87e-02	1.47e-03	8.38e-03
2.01	3.71e-02	1.58e-03	4.52e-03
2.18	7.02e-02	1.65e-03	8.57e-03
2.35	6.55e-02	1.69e-03	7.99e-03
2.52	7.98e-02	1.89e-03	9.74e-03
2.70	9.42e-02	2.00e-03	1.15e-02
2.87	9.89e-02	2.22e-03	1.21e-02
3.04	1.07e-01	2.38e-03	1.31e-02
3.21	1.26e-01	2.41e-03	1.54e-02
3.38	1.09e-01	2.38e-03	1.33e-02
3.55	7.80e-02	2.03e-03	9.52e-03
3.72	6.35e-02	1.88e-03	7.75e-03
3.89	5.72e-02	1.70e-03	6.98e-03
4.06	4.68e-02	1.51e-03	5.71e-03
4.23	4.35e-02	1.46e-03	5.31e-03
4.40	3.28e-02	1.27e-03	4.01e-03
4.57	3.13e-02	1.29e-03	3.82e-03
4.74	3.89e-02	1.45e-03	4.75e-03
4.88	2.44e-02	1.22e-03	2.98e-03
5.05	3.35e-02	1.23e-03	4.09e-03

TABLE LXX. Direct photon per-trigger yields as a function of $\Delta\phi$ for $9 < p_T^{trig} < 12 \otimes 2 < p_T^{assoc} < 3$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	3.95e-03	3.62e-04	4.83e-04
1.16	4.09e-03	4.05e-04	4.99e-04
1.33	1.28e-03	3.62e-04	1.57e-04
1.50	5.38e-03	4.50e-04	6.57e-04
1.67	3.08e-03	4.42e-04	3.75e-04
1.84	4.22e-03	4.80e-04	5.16e-04
2.01	1.01e-02	5.37e-04	1.23e-03
2.18	9.03e-03	5.86e-04	1.10e-03
2.35	1.09e-02	6.29e-04	1.33e-03
2.52	8.43e-03	7.20e-04	1.03e-03
2.70	1.78e-02	8.30e-04	2.17e-03
2.87	2.12e-02	9.78e-04	2.59e-03
3.04	2.71e-02	1.11e-03	3.31e-03
3.21	2.28e-02	1.15e-03	2.78e-03
3.38	2.55e-02	1.07e-03	3.12e-03
3.55	1.94e-02	9.02e-04	2.37e-03
3.72	1.41e-02	7.65e-04	1.71e-03
3.89	1.07e-02	6.15e-04	1.30e-03
4.06	5.25e-03	5.58e-04	6.41e-04
4.23	9.58e-03	5.02e-04	1.17e-03
4.40	3.85e-03	4.68e-04	4.70e-04
4.57	5.29e-03	4.55e-04	6.46e-04
4.74	8.71e-03	4.36e-04	1.06e-03
4.88	4.22e-03	3.78e-04	5.15e-04
5.05	4.93e-03	3.97e-04	6.01e-04

TABLE LXXI. Direct photon per-trigger yields as a function of $\Delta\phi$ for $9 < p_T^{trig} < 12 \otimes 3 < p_T^{assoc} < 4$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	9.88e-04	1.55e-04	1.21e-04
1.16	1.71e-03	1.74e-04	2.08e-04
1.33	2.54e-04	2.11e-04	3.10e-05
1.50	1.19e-03	1.74e-04	1.45e-04
1.67	7.37e-04	2.17e-04	9.00e-05
1.84	2.47e-03	2.04e-04	3.01e-04
2.01	3.30e-03	2.48e-04	4.02e-04
2.18	4.55e-03	3.23e-04	5.55e-04
2.35	3.58e-03	3.48e-04	4.37e-04
2.52	4.99e-03	4.04e-04	6.09e-04
2.70	8.11e-03	4.92e-04	9.90e-04
2.87	6.38e-03	5.94e-04	7.79e-04
3.04	1.18e-02	7.11e-04	1.44e-03
3.21	1.04e-02	7.19e-04	1.27e-03
3.38	9.65e-03	6.61e-04	1.18e-03
3.55	5.06e-03	5.27e-04	6.17e-04
3.72	3.71e-03	4.23e-04	4.53e-04
3.89	1.00e-03	3.54e-04	1.22e-04
4.06	2.70e-03	2.84e-04	3.29e-04
4.23	2.52e-03	2.62e-04	3.08e-04
4.40	2.81e-03	2.68e-04	3.43e-04
4.57	8.06e-04	2.11e-04	9.84e-05
4.74	1.21e-03	2.09e-04	1.47e-04
4.88	1.12e-03	2.08e-04	1.37e-04
5.05	2.90e-04	1.79e-04	3.54e-05

TABLE LXXII. Direct photon per-trigger yields as a function of $\Delta\phi$ for $9 < p_T^{trig} < 12 \otimes 4 < p_T^{assoc} < 5$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	-3.56e-04	9.51e-05	4.35e-05
1.16	-1.39e-04	8.81e-05	1.70e-05
1.33	4.95e-06	7.97e-05	6.05e-07
1.50	4.11e-04	1.21e-04	5.01e-05
1.67	1.16e-03	1.46e-04	1.42e-04
1.84	1.08e-03	1.27e-04	1.32e-04
2.01	-9.36e-04	1.54e-04	1.14e-04
2.18	8.50e-04	2.04e-04	1.04e-04
2.35	1.70e-03	2.24e-04	2.07e-04
2.52	1.62e-03	2.48e-04	1.98e-04
2.70	2.18e-03	3.18e-04	2.66e-04
2.87	2.91e-03	4.01e-04	3.55e-04
3.04	5.16e-03	4.70e-04	6.29e-04
3.21	6.45e-03	5.01e-04	7.87e-04
3.38	3.13e-03	4.38e-04	3.83e-04
3.55	2.80e-03	3.68e-04	3.42e-04
3.72	1.88e-03	2.69e-04	2.30e-04
3.89	1.36e-03	2.21e-04	1.67e-04
4.06	6.20e-04	1.85e-04	7.57e-05
4.23	1.39e-03	1.50e-04	1.69e-04
4.40	8.67e-04	1.42e-04	1.06e-04
4.57	1.96e-04	1.26e-04	2.39e-05
4.74	-3.53e-04	1.16e-04	4.35e-05
4.88	-3.19e-04	1.08e-04	3.89e-05
5.05	-2.15e-04	8.70e-05	2.63e-05

TABLE LXXIII. Direct photon per-trigger yields as a function of $\Delta\phi$ for $9 < p_T^{trig} < 12 \otimes 5 < p_T^{assoc} < 10$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	1.44e-04	1.08e-04	1.75e-05
1.16	1.70e-04	8.73e-05	2.07e-05
1.33	3.14e-04	8.07e-05	3.83e-05
1.50	-4.18e-04	6.64e-05	5.10e-05
1.67	-2.34e-04	9.13e-05	2.86e-05
1.84	4.69e-04	1.19e-04	5.72e-05
2.01	4.37e-04	1.35e-04	5.33e-05
2.18	1.40e-03	1.46e-04	1.70e-04
2.35	9.93e-04	1.58e-04	1.21e-04
2.52	-1.17e-04	1.82e-04	1.43e-05
2.70	1.20e-03	2.56e-04	1.46e-04
2.87	2.69e-03	3.22e-04	3.28e-04
3.04	2.57e-03	3.96e-04	3.14e-04
3.21	2.75e-03	4.13e-04	3.36e-04
3.38	2.00e-03	3.60e-04	2.45e-04
3.55	1.30e-03	2.95e-04	1.59e-04
3.72	6.97e-04	2.14e-04	8.51e-05
3.89	4.43e-04	1.72e-04	5.41e-05
4.06	4.79e-04	1.25e-04	5.85e-05
4.23	2.29e-04	1.11e-04	2.79e-05
4.40	-2.77e-04	1.25e-04	3.38e-05
4.57	5.70e-05	1.00e-04	6.95e-06
4.74	-5.79e-05	3.49e-05	1.09e-05
4.88	-2.86e-04	8.87e-05	3.49e-05
5.05	7.23e-04	1.10e-04	8.82e-05

TABLE LXXIV. Direct photon per-trigger yields as a function of $\Delta\phi$ for $12 < p_T^{trig} < 15 \otimes 0.7 < p_T^{assoc} < 1$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	8.46e-02	2.59e-03	1.22e-02
1.16	2.73e-02	2.95e-03	3.93e-03
1.33	3.71e-02	2.55e-03	5.35e-03
1.50	7.39e-02	2.65e-03	1.06e-02
1.67	8.55e-02	2.83e-03	1.23e-02
1.84	6.26e-02	2.99e-03	9.02e-03
2.01	1.31e-01	3.22e-03	1.89e-02
2.18	1.39e-01	3.40e-03	2.01e-02
2.35	1.09e-01	3.44e-03	1.57e-02
2.52	1.75e-01	3.63e-03	2.52e-02
2.70	1.50e-01	3.94e-03	2.17e-02
2.87	1.44e-01	4.10e-03	2.07e-02
3.04	1.79e-01	4.41e-03	2.58e-02
3.21	2.06e-01	4.41e-03	2.97e-02
3.38	1.42e-01	4.10e-03	2.04e-02
3.55	1.56e-01	3.99e-03	2.26e-02
3.72	1.36e-01	3.45e-03	1.97e-02
3.89	1.19e-01	3.22e-03	1.71e-02
4.06	1.38e-01	3.14e-03	1.99e-02
4.23	5.65e-02	2.68e-03	8.15e-03
4.40	9.45e-02	2.70e-03	1.36e-02
4.57	6.19e-02	2.68e-03	8.93e-03
4.74	8.83e-02	3.11e-03	1.27e-02
4.88	9.37e-02	2.76e-03	1.35e-02
5.05	7.28e-02	2.56e-03	1.05e-02

TABLE LXXV. Direct photon per-trigger yields as a function of $\Delta\phi$ for $12 < p_T^{trig} < 15 \otimes 1 < p_T^{assoc} < 2$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield (GeV/c)$^{-1}$	Statistical Error (GeV/c)$^{-1}$	Systematic Error (GeV/c)$^{-1}$
0.99	2.91e-02	1.85e-03	4.19e-03
1.16	4.43e-02	1.74e-03	6.38e-03
1.33	3.25e-02	1.77e-03	4.69e-03
1.50	3.42e-02	1.88e-03	4.93e-03
1.67	5.21e-02	2.11e-03	7.51e-03
1.84	3.73e-02	2.00e-03	5.38e-03
2.01	6.74e-02	2.38e-03	9.71e-03
2.18	6.80e-02	2.39e-03	9.80e-03
2.35	7.14e-02	2.47e-03	1.03e-02
2.52	9.39e-02	2.95e-03	1.35e-02
2.70	9.30e-02	3.10e-03	1.34e-02
2.87	1.18e-01	3.48e-03	1.69e-02
3.04	1.57e-01	3.82e-03	2.27e-02
3.21	1.55e-01	4.06e-03	2.24e-02
3.38	1.47e-01	3.94e-03	2.12e-02
3.55	1.03e-01	3.23e-03	1.48e-02
3.72	9.31e-02	2.89e-03	1.34e-02
3.89	5.67e-02	2.64e-03	8.17e-03
4.06	5.61e-02	2.25e-03	8.09e-03
4.23	5.54e-02	2.12e-03	7.99e-03
4.40	5.19e-02	2.02e-03	7.48e-03
4.57	4.77e-02	2.05e-03	6.88e-03
4.74	4.57e-02	1.99e-03	6.59e-03
4.88	4.92e-02	1.71e-03	7.09e-03
5.05	5.28e-02	1.91e-03	7.61e-03

TABLE LXXVI. Direct photon per-trigger yields as a function of $\Delta\phi$ for $12 < p_T^{trig} < 15 \otimes 2 < p_T^{assoc} < 3$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	3.06e-03	5.07e-04	4.41e-04
1.16	6.13e-03	5.42e-04	8.84e-04
1.33	6.17e-03	5.06e-04	8.89e-04
1.50	4.62e-03	6.43e-04	6.66e-04
1.67	9.68e-03	7.06e-04	1.39e-03
1.84	1.19e-02	8.26e-04	1.71e-03
2.01	6.00e-03	7.92e-04	8.65e-04
2.18	4.56e-03	9.12e-04	6.58e-04
2.35	1.30e-02	9.99e-04	1.87e-03
2.52	1.70e-02	1.16e-03	2.45e-03
2.70	1.74e-02	1.34e-03	2.51e-03
2.87	2.04e-02	1.57e-03	2.93e-03
3.04	4.12e-02	1.88e-03	5.93e-03
3.21	3.69e-02	2.02e-03	5.32e-03
3.38	3.31e-02	1.81e-03	4.78e-03
3.55	2.04e-02	1.49e-03	2.94e-03
3.72	1.09e-02	1.15e-03	1.57e-03
3.89	1.06e-02	9.28e-04	1.53e-03
4.06	6.94e-03	8.45e-04	1.00e-03
4.23	6.33e-03	7.34e-04	9.12e-04
4.40	6.41e-03	7.25e-04	9.23e-04
4.57	2.36e-03	5.06e-04	3.40e-04
4.74	1.60e-03	5.93e-04	4.10e-04
4.88	3.82e-03	5.96e-04	5.50e-04
5.05	4.56e-03	6.15e-04	6.57e-04

TABLE LXXVII. Direct photon per-trigger yields as a function of $\Delta\phi$ for $12 < p_T^{trig} < 15 \otimes 3 < p_T^{assoc} < 4$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	6.57e-04	3.00e-04	9.47e-05
1.16	1.51e-06	2.73e-04	2.17e-07
1.33	-3.10e-04	2.05e-04	4.46e-05
1.50	5.46e-04	3.13e-04	7.88e-05
1.67	4.15e-03	4.41e-04	5.99e-04
1.84	5.97e-04	3.25e-04	8.61e-05
2.01	2.51e-03	3.37e-04	3.62e-04
2.18	5.44e-03	4.33e-04	7.85e-04
2.35	5.62e-03	5.40e-04	8.10e-04
2.52	8.07e-03	7.30e-04	1.16e-03
2.70	1.16e-02	8.00e-04	1.67e-03
2.87	1.29e-02	1.01e-03	1.86e-03
3.04	1.75e-02	1.21e-03	2.53e-03
3.21	2.04e-02	1.32e-03	2.94e-03
3.38	1.92e-02	1.19e-03	2.77e-03
3.55	4.23e-03	9.07e-04	6.10e-04
3.72	4.93e-03	7.12e-04	7.11e-04
3.89	3.67e-03	5.78e-04	5.30e-04
4.06	2.89e-03	4.11e-04	4.17e-04
4.23	2.63e-03	4.13e-04	3.78e-04
4.40	2.59e-03	3.00e-04	3.73e-04
4.57	2.39e-03	4.24e-04	3.44e-04
4.74	1.20e-03	2.50e-04	1.73e-04
4.88	1.94e-03	2.97e-04	2.80e-04
5.05	1.11e-03	3.15e-04	1.60e-04

TABLE LXXVIII. Direct photon per-trigger yields as a function of $\Delta\phi$ for $12 < p_T^{trig} < 15 \otimes 4 < p_T^{assoc} < 5$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(\text{GeV/c})^{-1}$	Statistical Error $(\text{GeV/c})^{-1}$	Systematic Error $(\text{GeV/c})^{-1}$
0.99	-1.59e-04	7.94e-05	2.30e-05
1.16	2.11e-04	1.32e-04	3.04e-05
1.33	-1.19e-04	1.81e-04	1.72e-05
1.50	5.61e-04	2.44e-04	8.08e-05
1.67	2.65e-03	2.84e-04	3.81e-04
1.84	-2.72e-04	1.04e-04	3.92e-05
2.01	2.02e-03	2.85e-04	2.91e-04
2.18	5.98e-04	2.72e-04	8.62e-05
2.35	4.12e-03	3.90e-04	5.94e-04
2.52	4.02e-03	4.74e-04	5.79e-04
2.70	2.31e-03	5.17e-04	3.33e-04
2.87	5.89e-03	6.83e-04	8.48e-04
3.04	7.33e-03	7.74e-04	1.06e-03
3.21	1.18e-02	9.30e-04	1.70e-03
3.38	8.90e-03	8.21e-04	1.28e-03
3.55	2.79e-03	5.79e-04	4.02e-04
3.72	3.02e-03	5.02e-04	4.35e-04
3.89	9.37e-04	3.95e-04	1.35e-04
4.06	1.03e-03	2.65e-04	1.48e-04
4.23	8.38e-04	2.14e-04	1.21e-04
4.40	1.06e-04	2.35e-04	1.52e-05
4.57	5.06e-04	1.80e-04	7.29e-05
4.74	0.00e+00	0.00e+00	0.00e+00
4.88	-3.67e-05	1.85e-04	5.29e-06
5.05	1.88e-04	1.36e-04	2.71e-05

TABLE LXXIX. Direct photon per-trigger yields as a function of $\Delta\phi$ for $12 < p_T^{trig} < 15 \otimes 5 < p_T^{assoc} < 10$ GeV/c

$\Delta\phi$ (rad)	Per Trigger Yield $(GeV/c)^{-1}$	Statistical Error $(GeV/c)^{-1}$	Systematic Error $(GeV/c)^{-1}$
0.99	1.54e-03	1.77e-04	2.23e-04
1.16	7.94e-05	1.62e-04	1.14e-05
1.33	3.64e-04	1.57e-04	5.25e-05
1.50	-4.77e-04	1.37e-04	6.88e-05
1.67	-1.79e-03	2.66e-04	2.58e-04
1.84	1.06e-03	1.47e-04	1.53e-04
2.01	8.56e-04	1.58e-04	1.23e-04
2.18	1.64e-03	2.13e-04	2.36e-04
2.35	2.09e-03	2.96e-04	3.02e-04
2.52	3.37e-03	3.39e-04	4.86e-04
2.70	3.57e-03	3.99e-04	5.14e-04
2.87	5.73e-03	6.33e-04	8.26e-04
3.04	5.97e-03	7.23e-04	8.60e-04
3.21	1.70e-03	8.47e-04	2.45e-04
3.38	1.84e-03	6.91e-04	2.66e-04
3.55	3.99e-03	5.35e-04	5.75e-04
3.72	2.06e-03	4.29e-04	2.97e-04
3.89	8.45e-04	2.60e-04	1.22e-04
4.06	1.42e-03	2.67e-04	2.05e-04
4.23	1.06e-03	2.10e-04	1.53e-04
4.40	-2.05e-04	1.88e-04	2.95e-05
4.57	1.10e-03	2.13e-04	1.58e-04
4.74	0.00e+00	0.00e+00	0.00e+00
4.88	4.54e-04	9.61e-05	6.54e-05
5.05	-3.27e-04	1.14e-04	4.71e-05