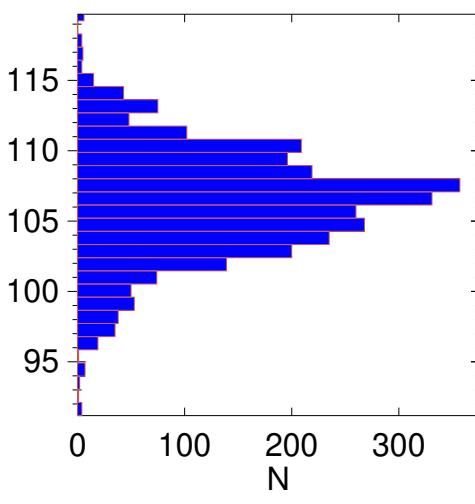
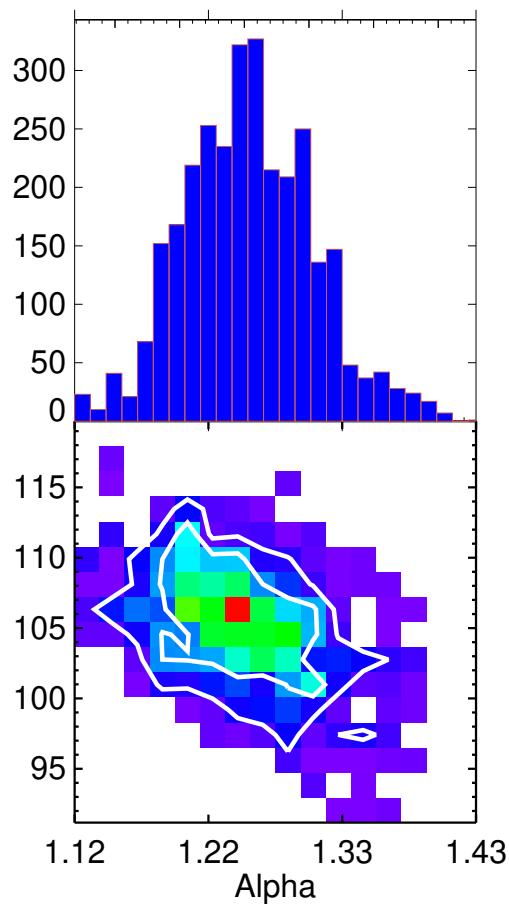


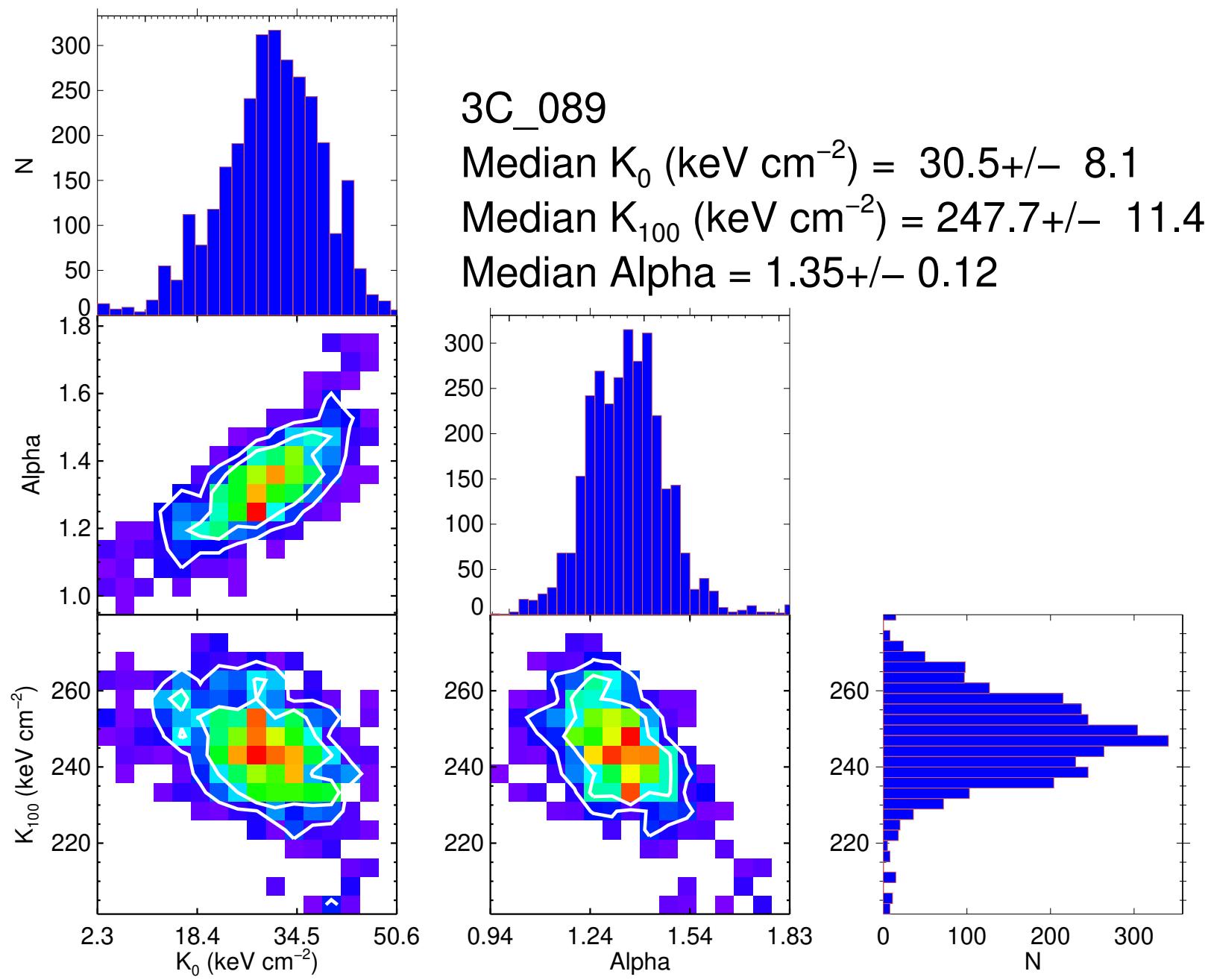
2MFGC_06756

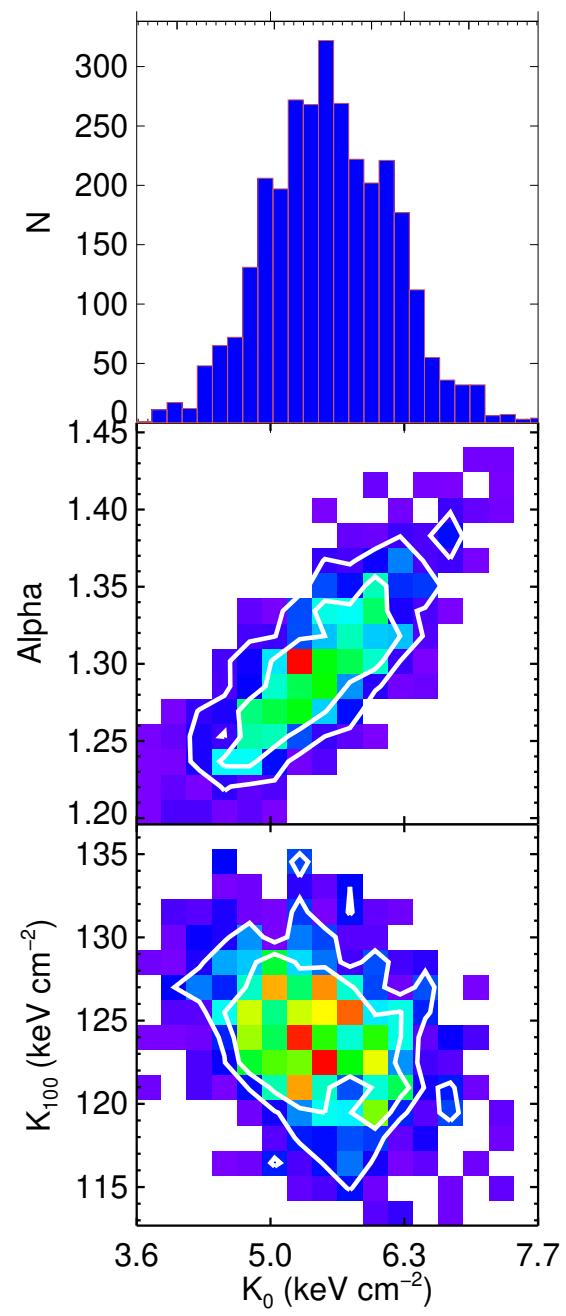
Median K_0 (keV cm $^{-2}$) = 14.7 ± 1.5

Median K_{100} (keV cm $^{-2}$) = 106.4 ± 3.9

Median Alpha = 1.25 ± 0.05





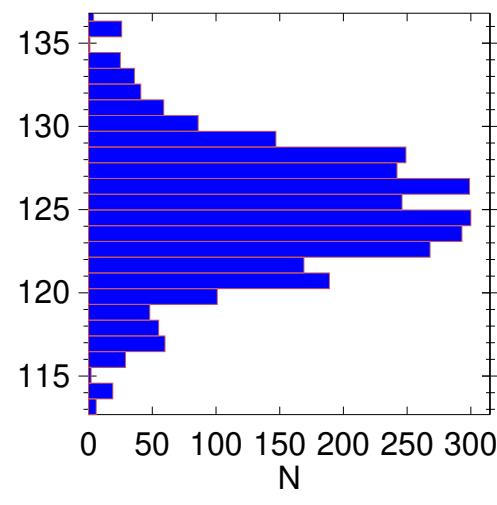
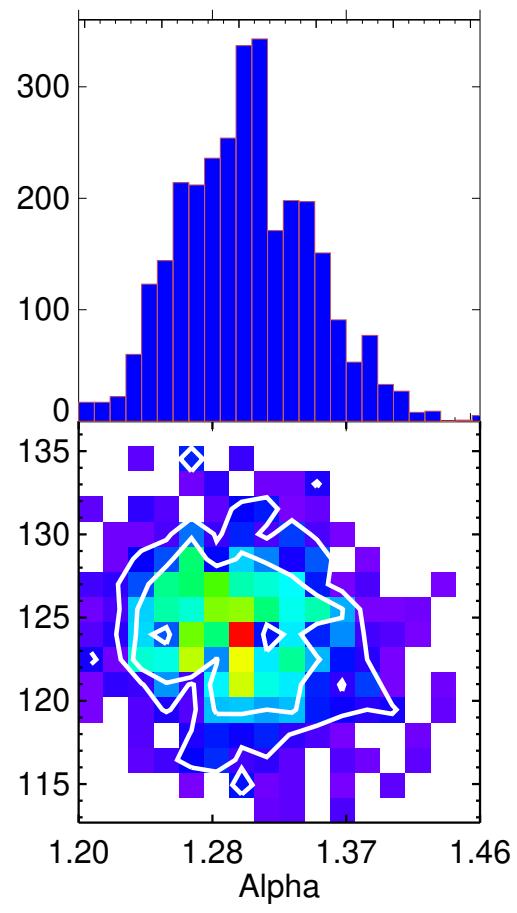


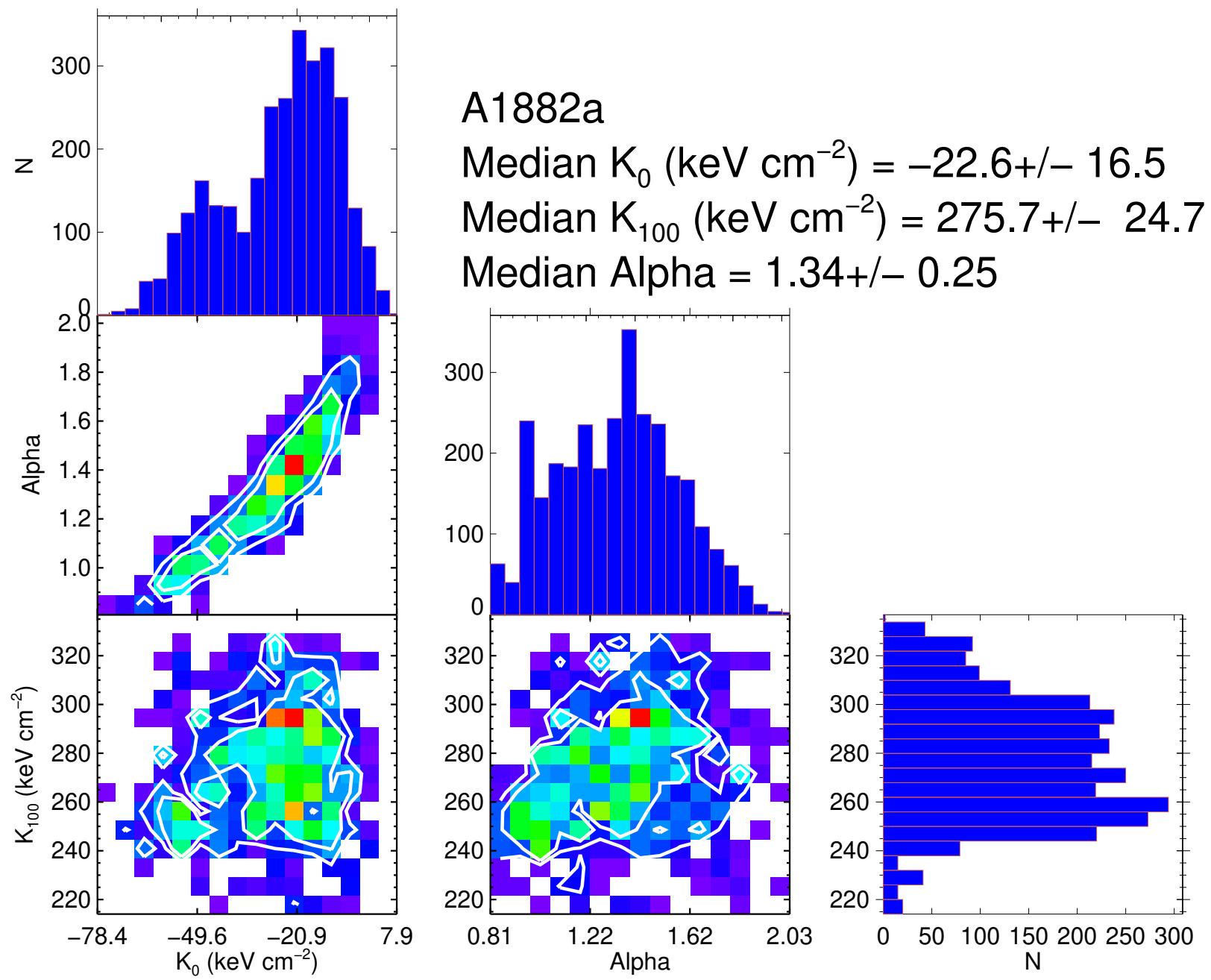
3C_444

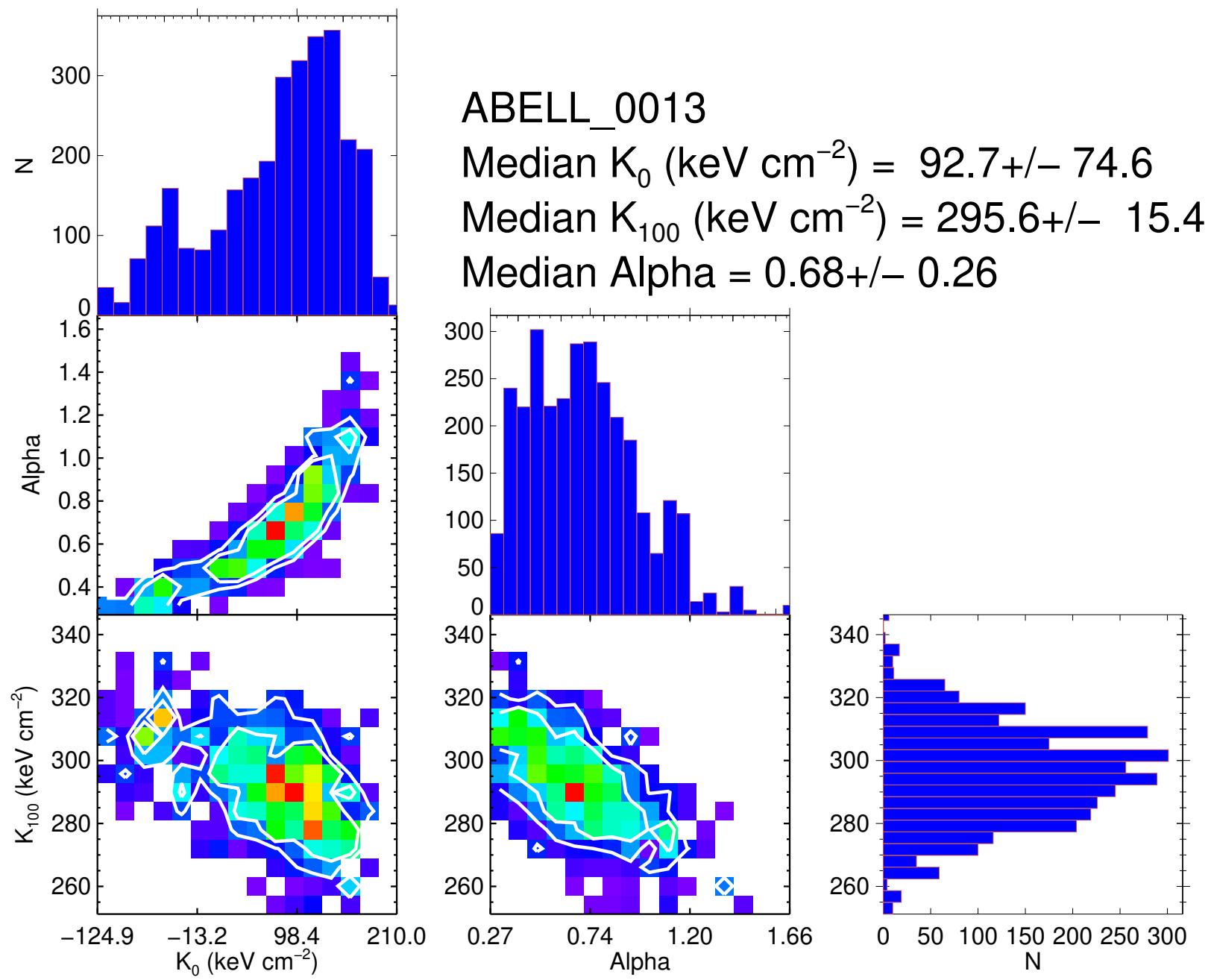
Median K_0 (keV cm $^{-2}$) = 5.5+/- 0.6

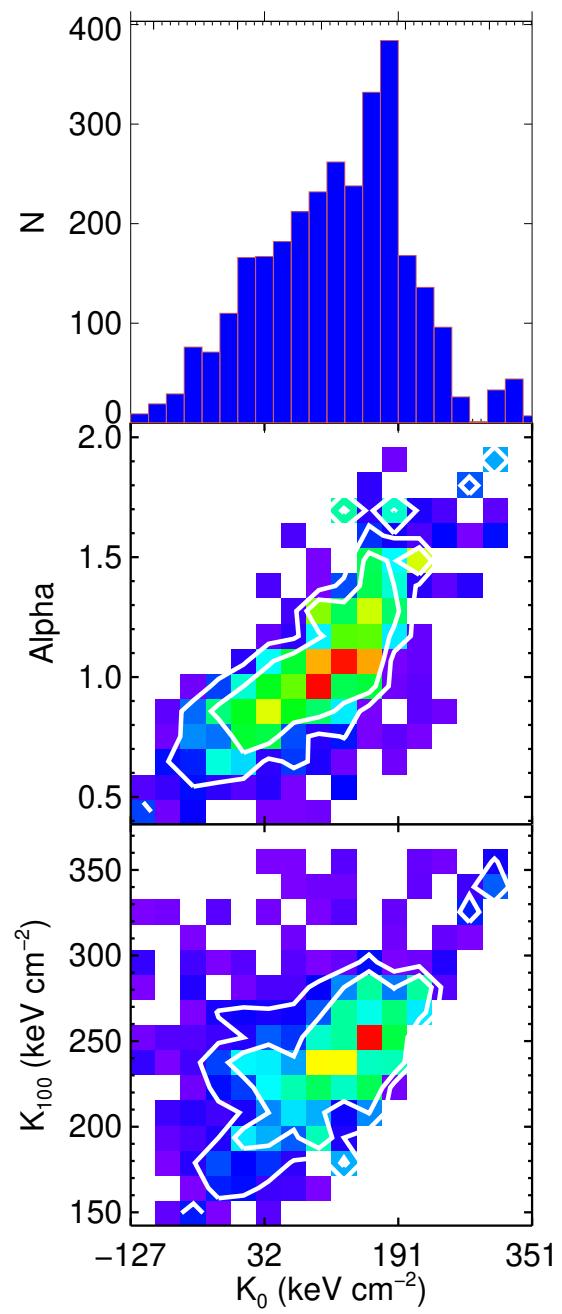
Median K_{100} (keV cm $^{-2}$) = 124.9+/- 3.9

Median Alpha = 1.30+/- 0.04







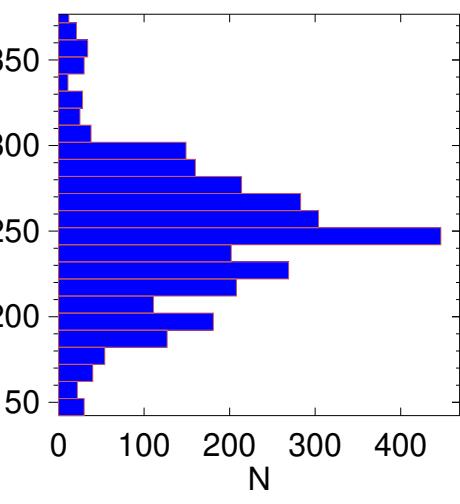
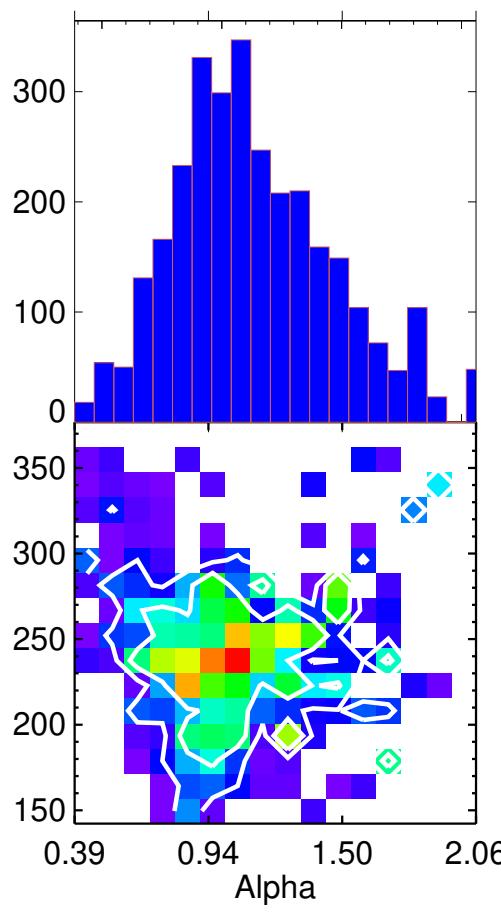


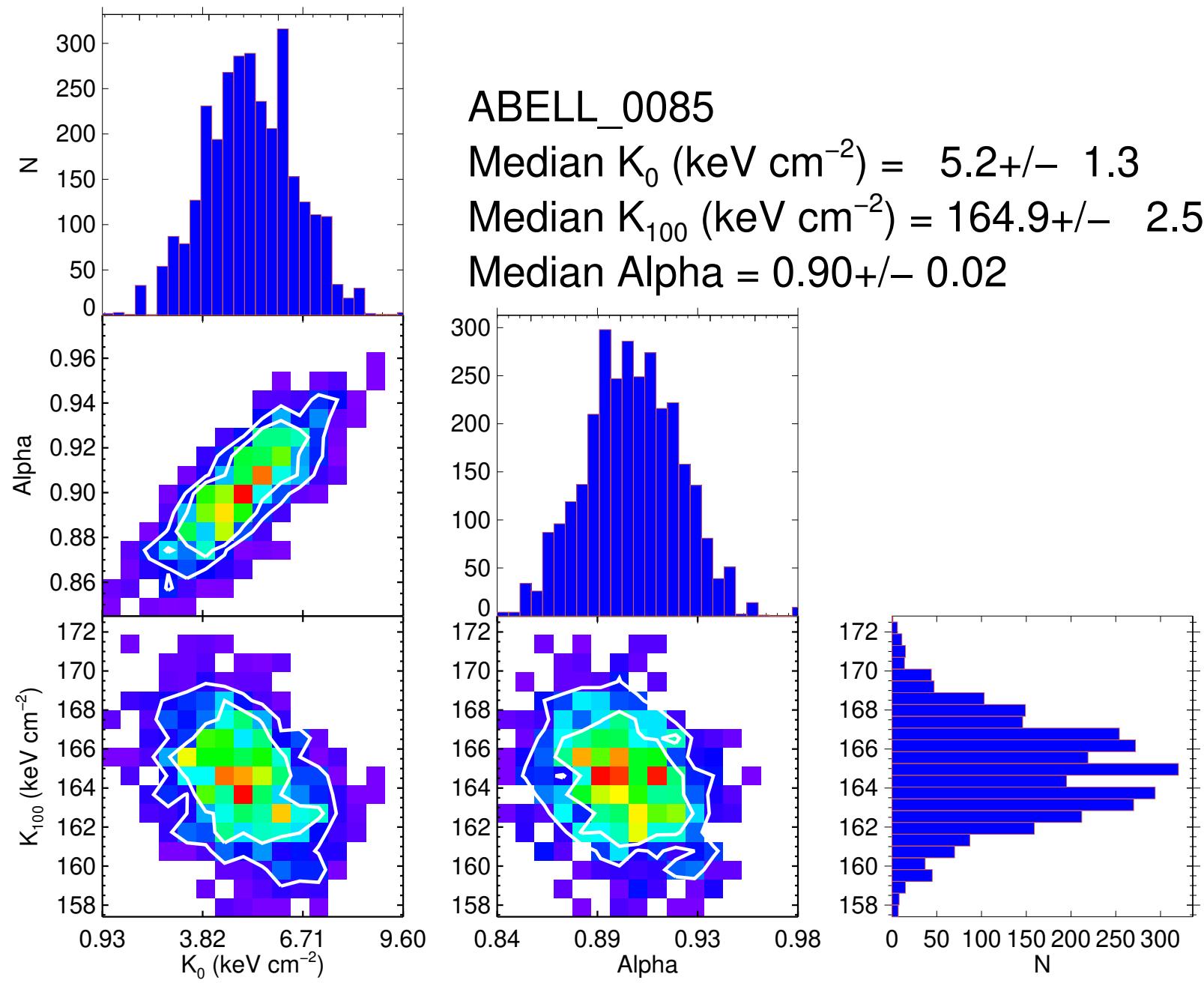
ABELL_0068

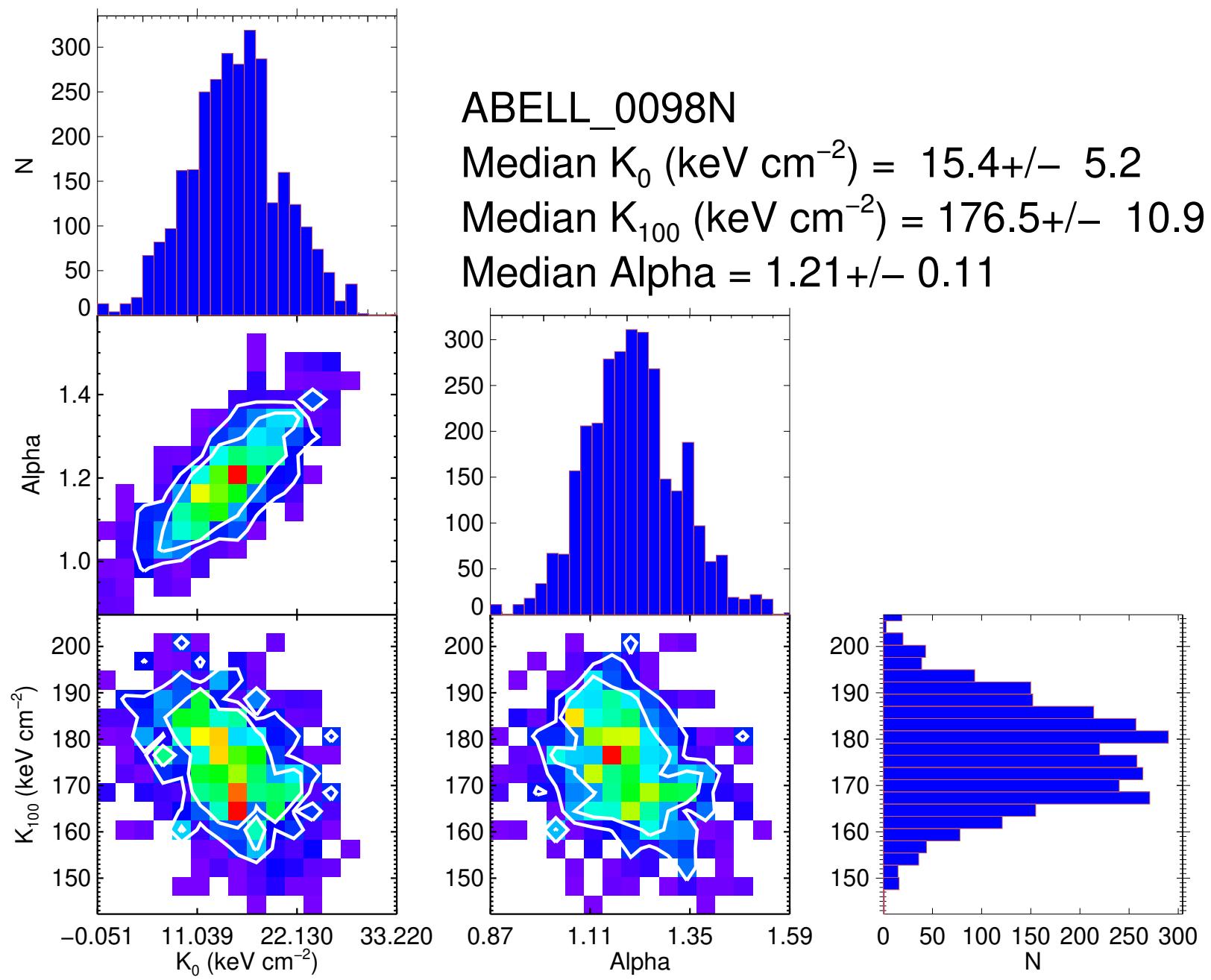
Median K_0 (keV cm $^{-2}$) = 125.4+/- 87.6

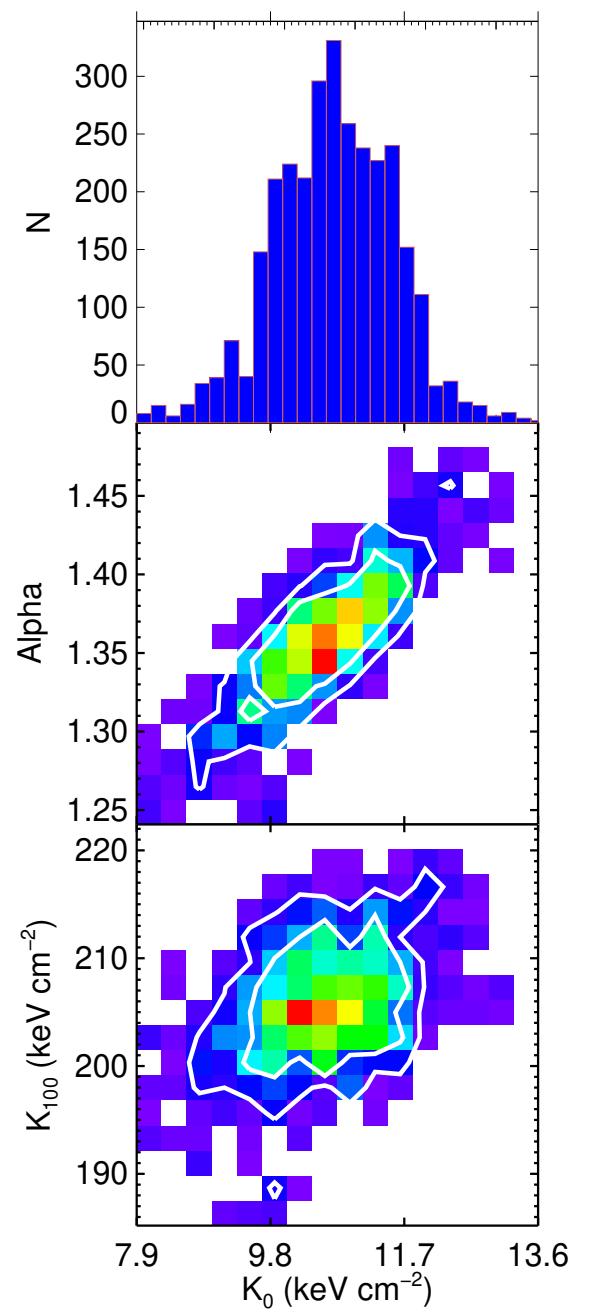
Median K_{100} (keV cm $^{-2}$) = 247.5+/- 41.1

Median Alpha = 1.09+/- 0.34

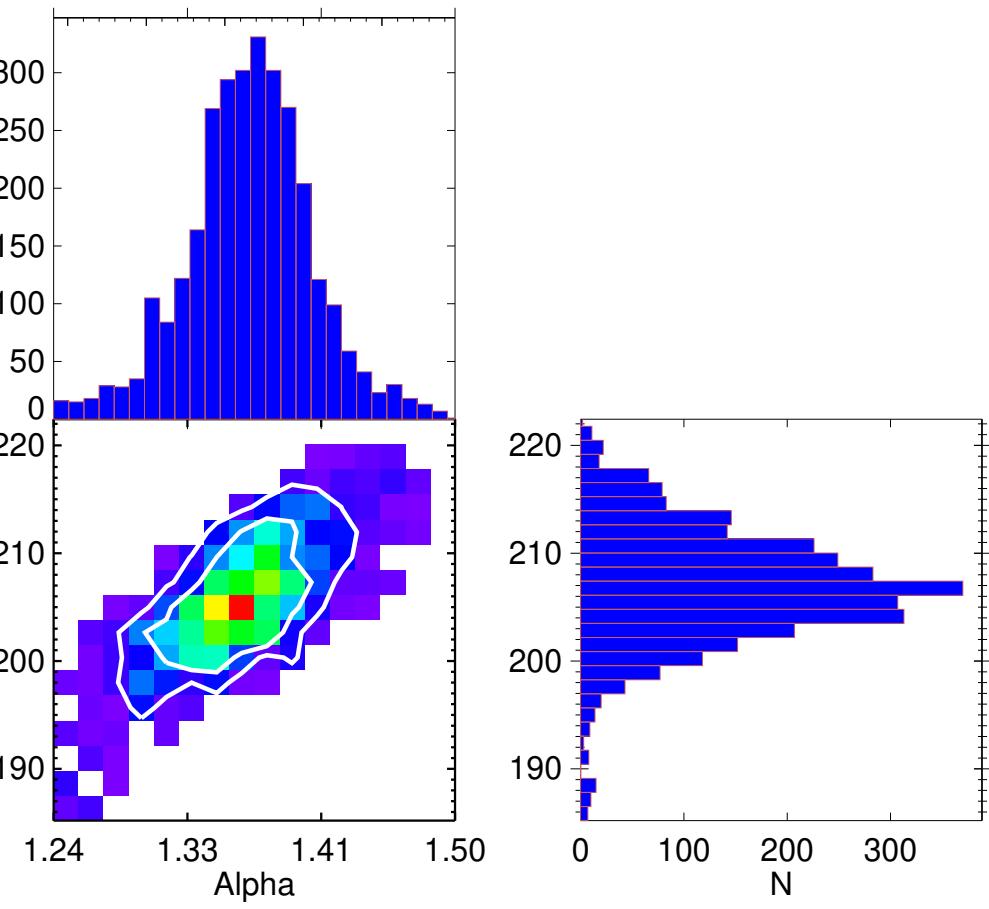


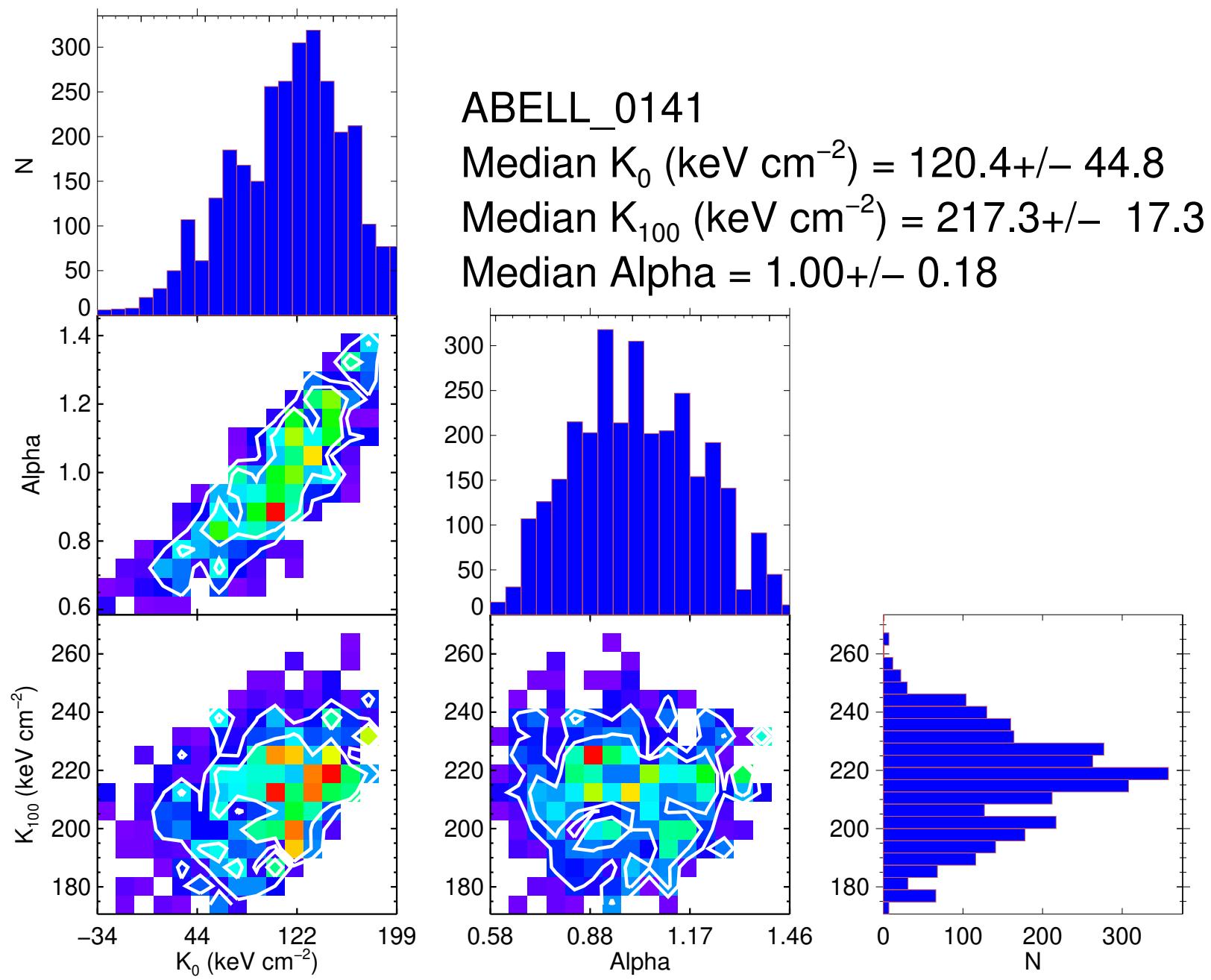


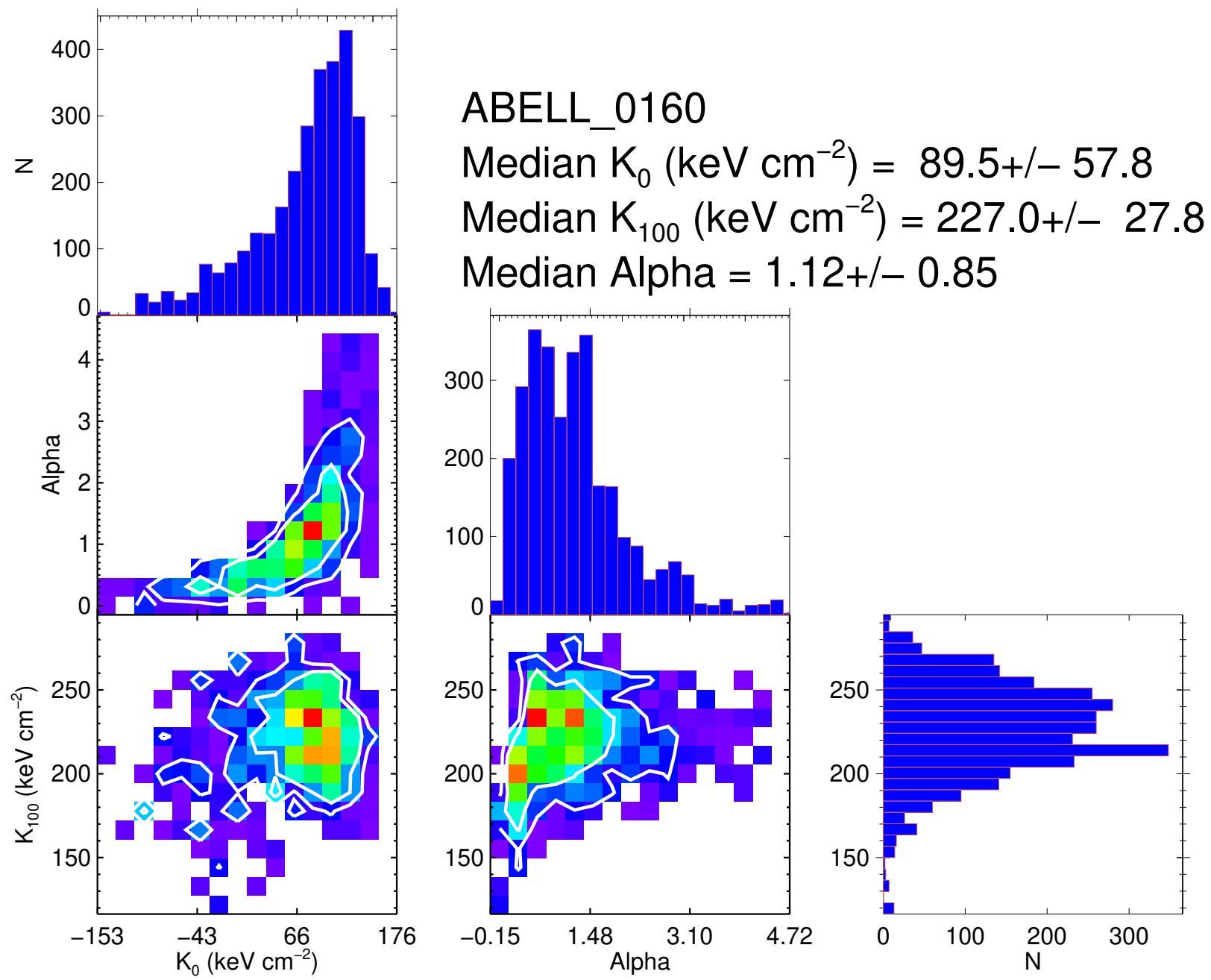


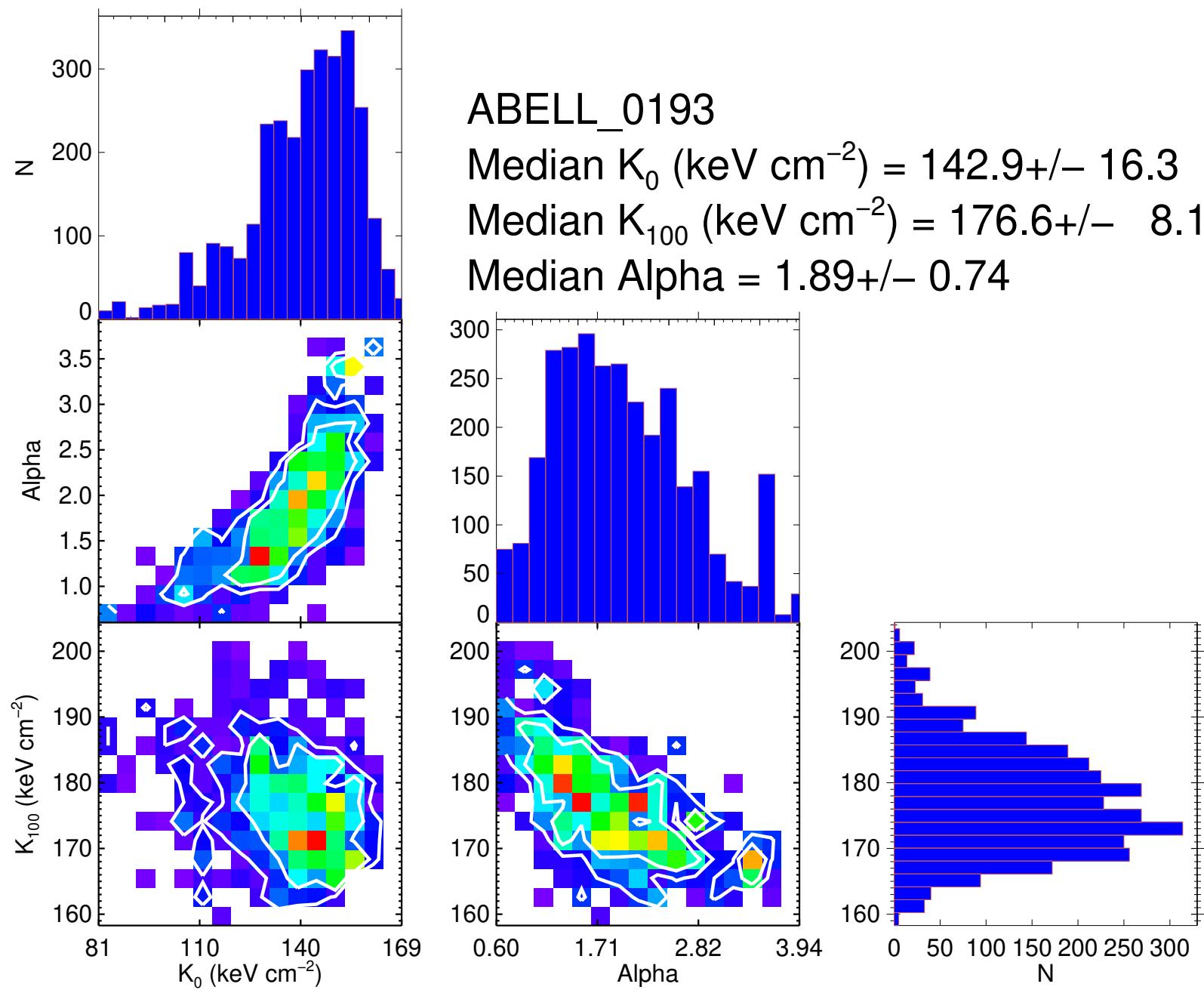


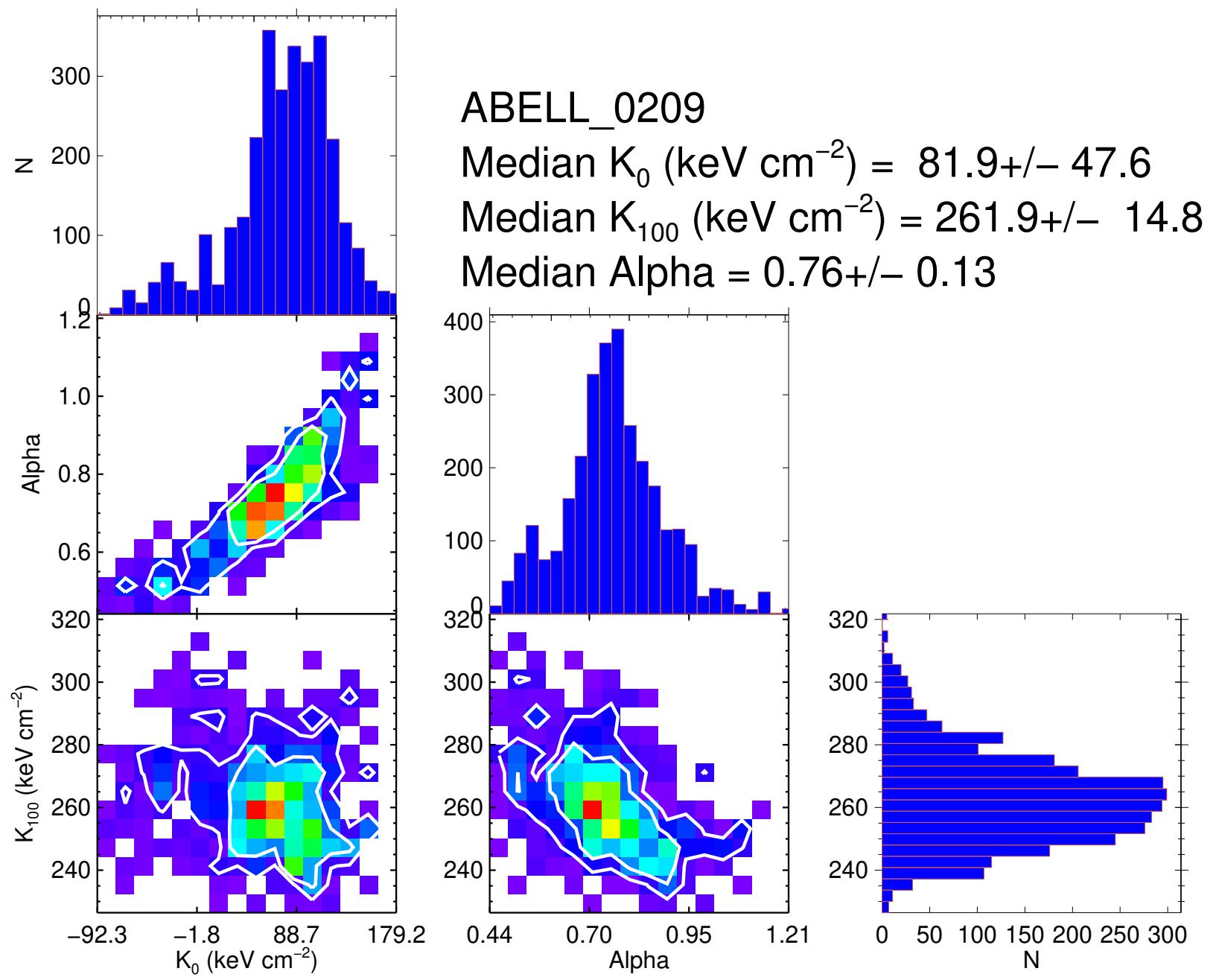
ABELL_0133
Median K_0 (keV cm $^{-2}$) = $10.7+/- 0.9$
Median K_{100} (keV cm $^{-2}$) = $206.7+/- 5.4$
Median Alpha = $1.37+/- 0.04$

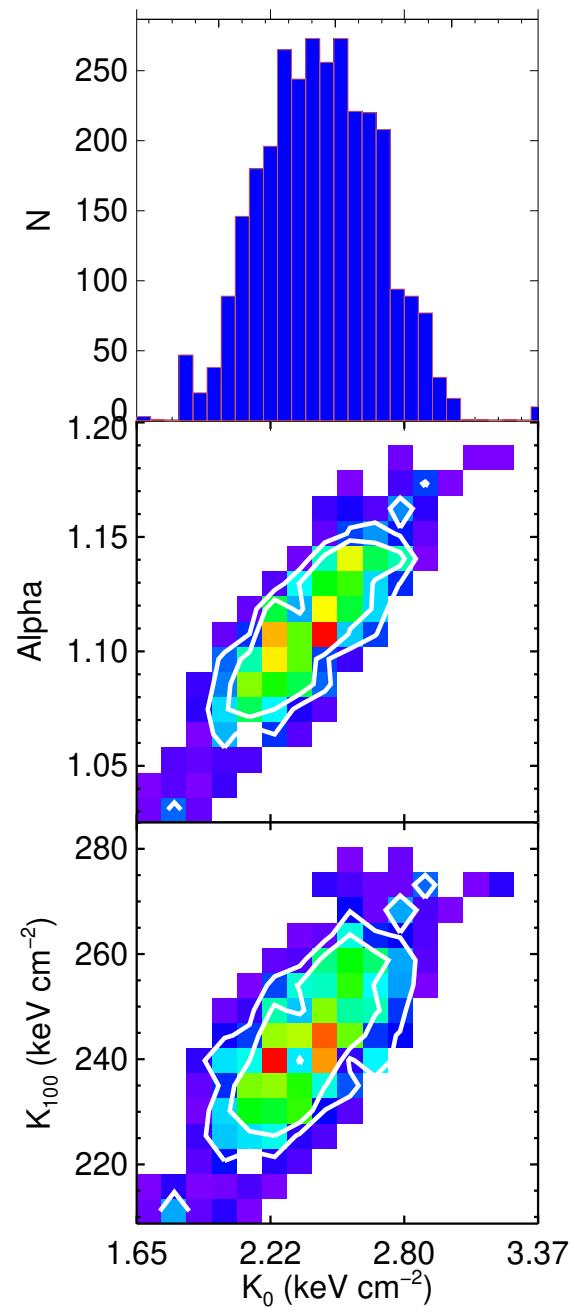




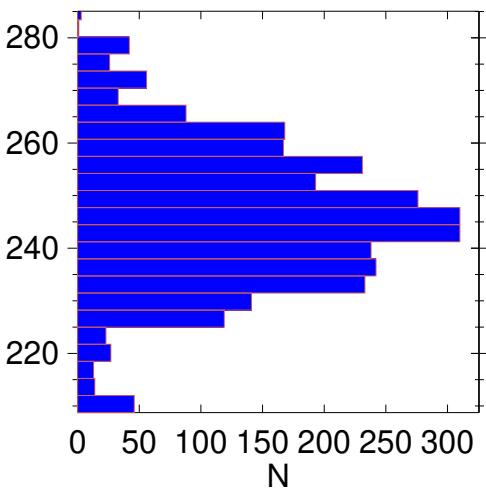
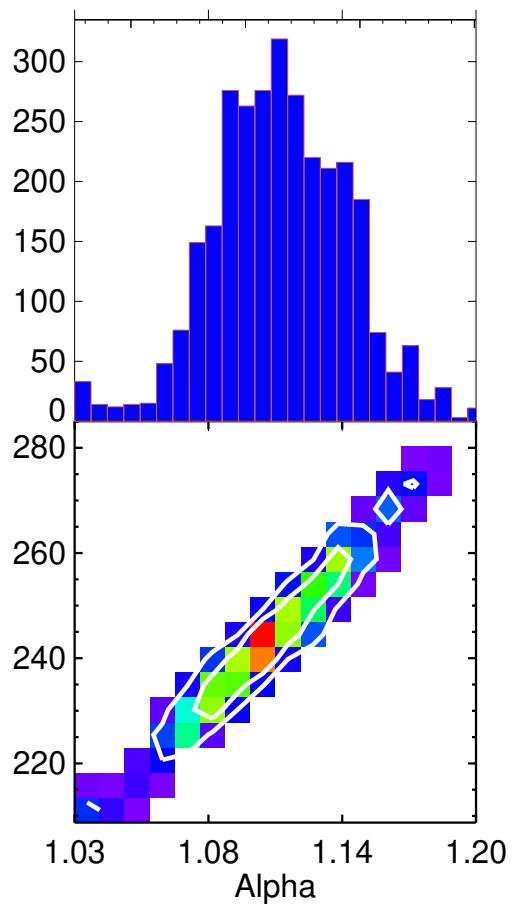


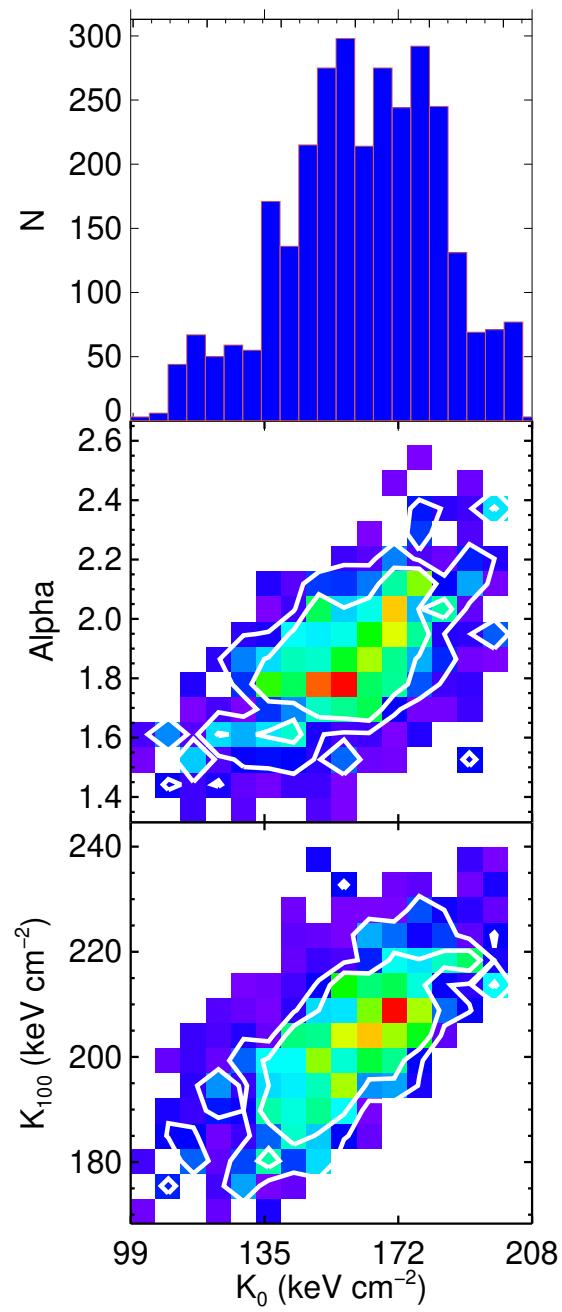






ABELL_0262
 Median K_0 (keV cm $^{-2}$) = $2.4+/- 0.2$
 Median K_{100} (keV cm $^{-2}$) = $245.2+/- 13.4$
 Median Alpha = $1.12+/- 0.03$



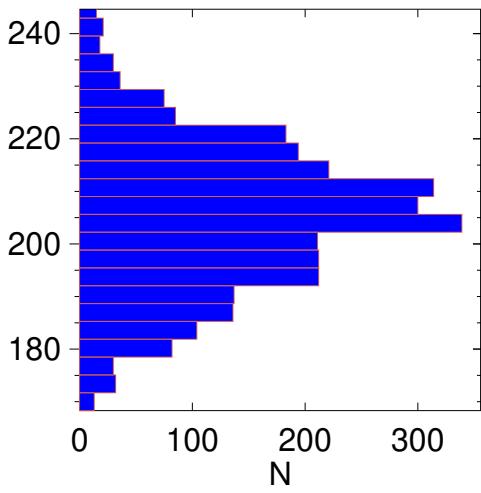
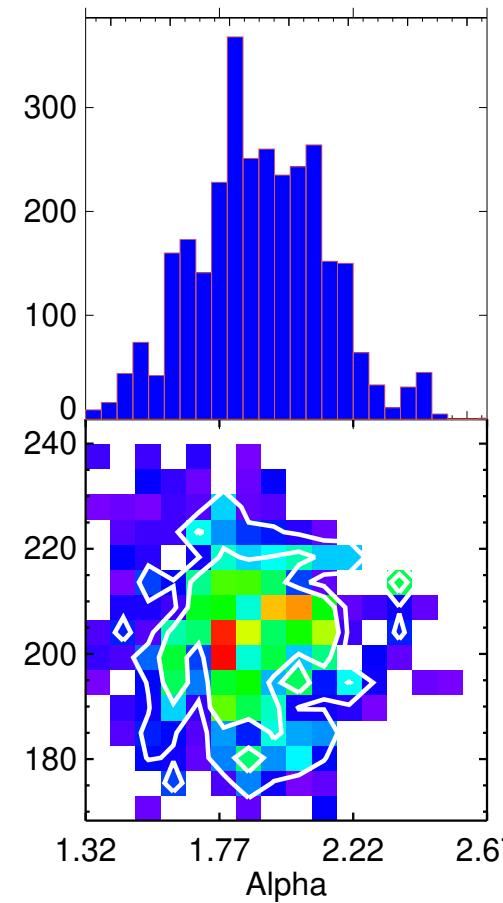


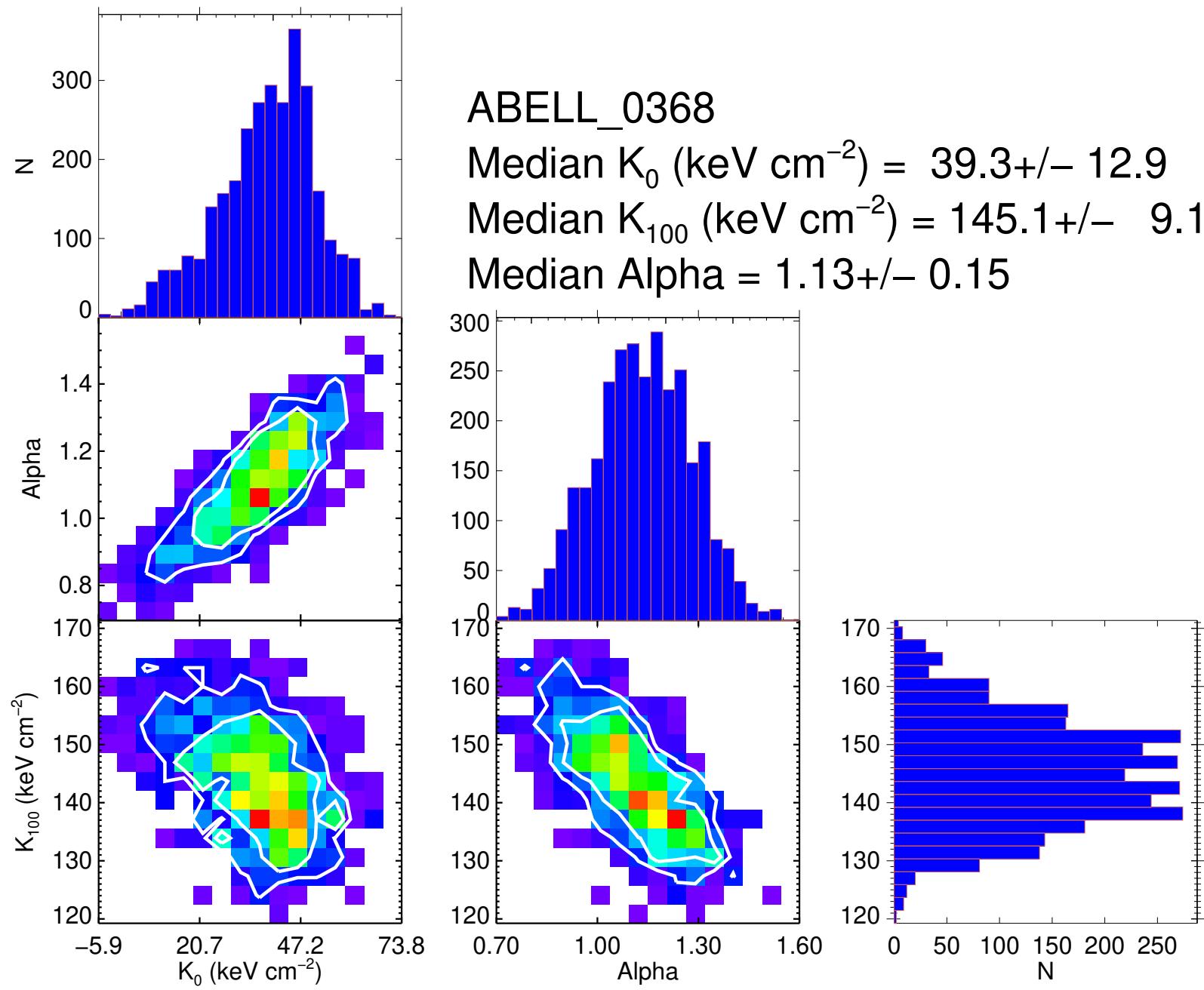
ABELL_0267

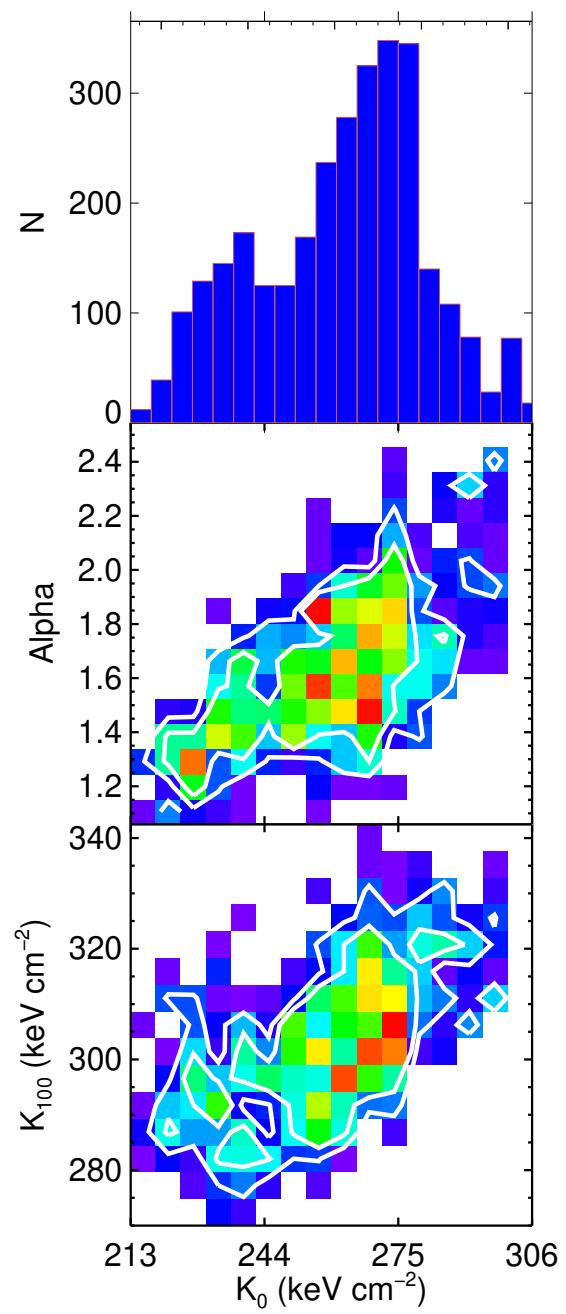
Median K_0 (keV cm $^{-2}$) = 162.5 ± 20.8

Median K_{100} (keV cm $^{-2}$) = 205.6 ± 14.0

Median Alpha = 1.90 ± 0.22





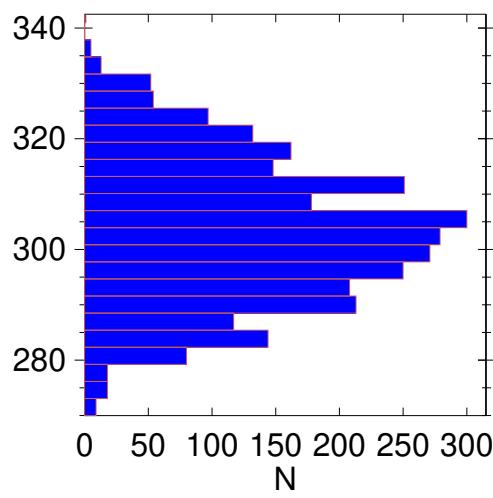
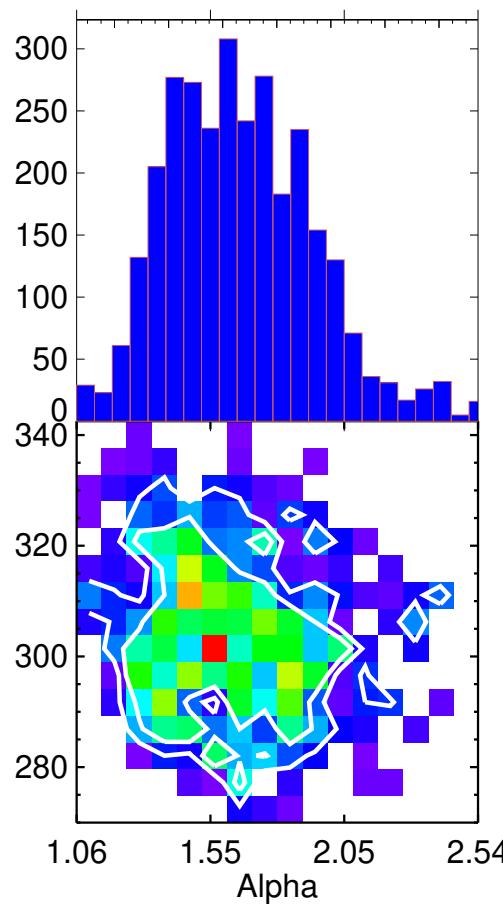


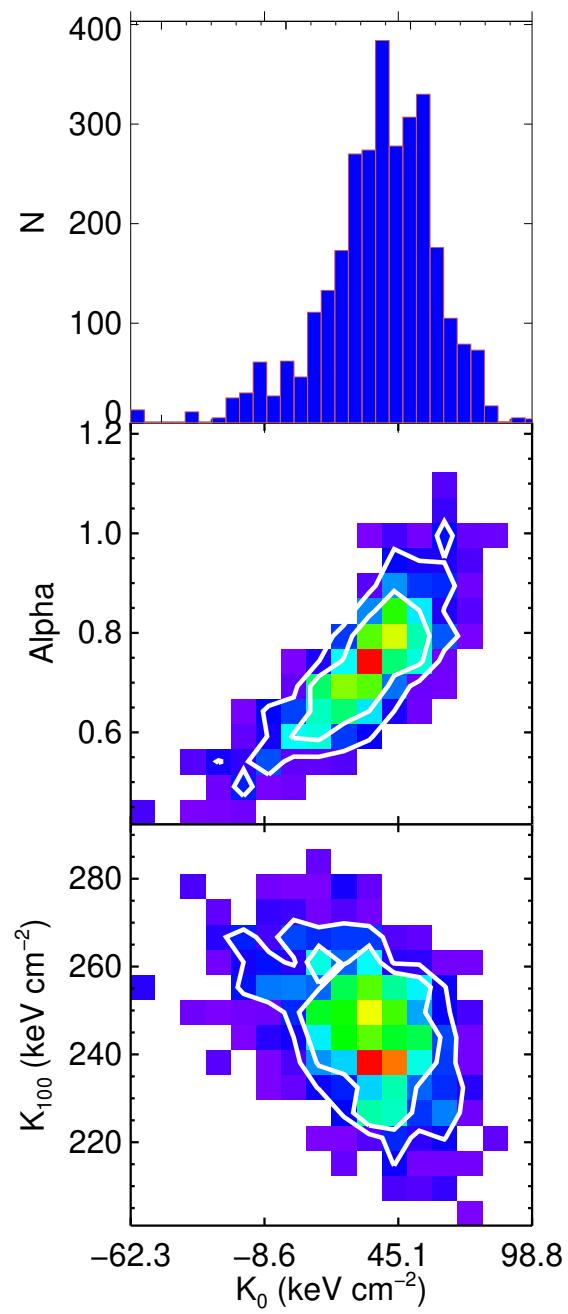
ABELL_0370

Median K_0 (keV cm $^{-2}$) = 264.6 ± 19.6

Median K_{100} (keV cm $^{-2}$) = 302.7 ± 12.7

Median Alpha = 1.64 ± 0.27



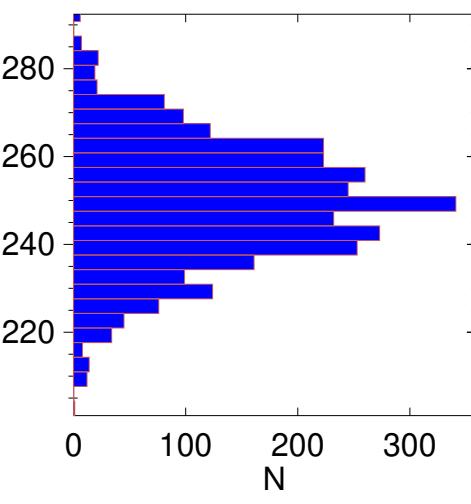
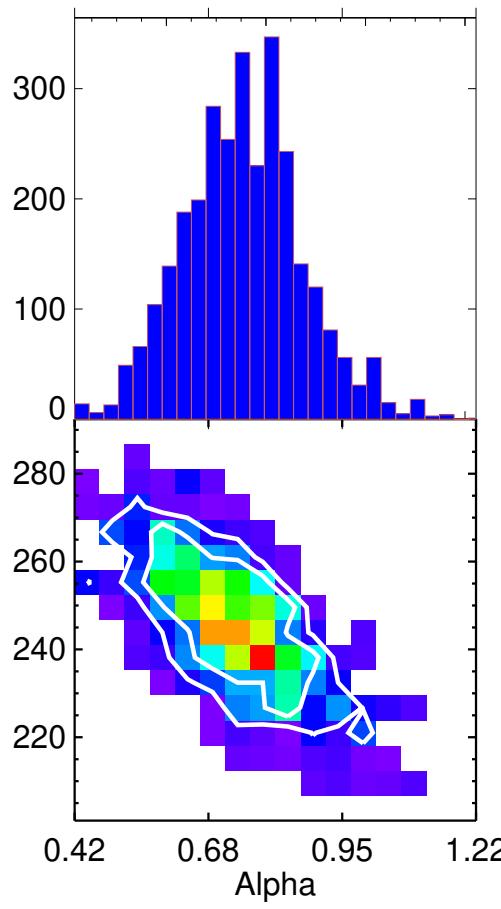


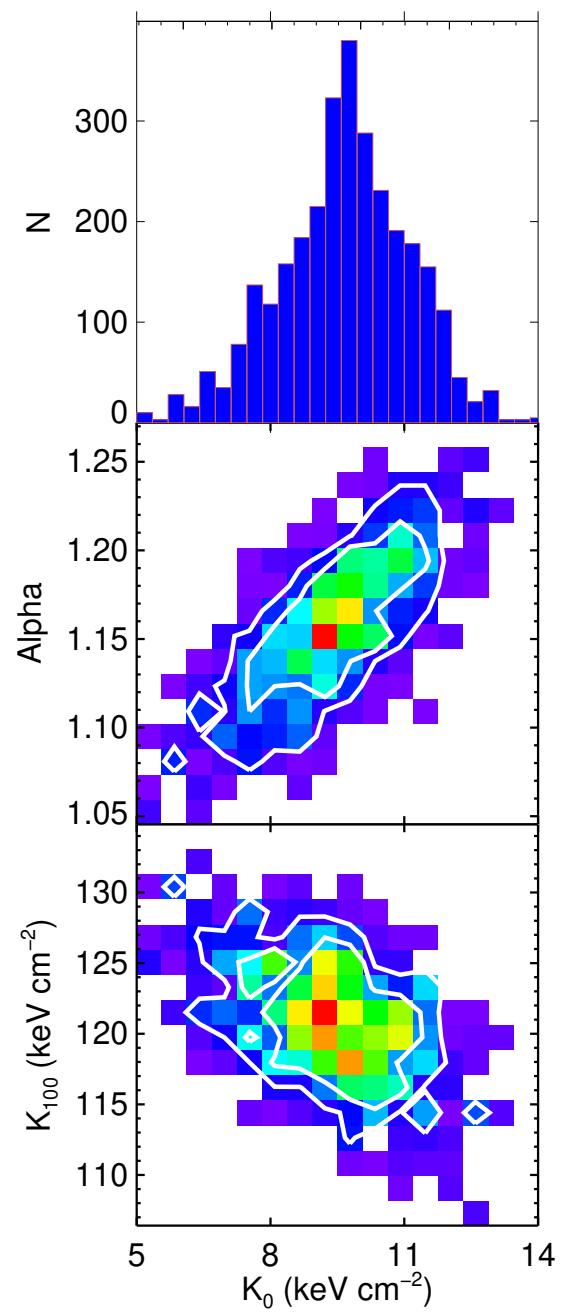
ABELL_0376

Median K_0 (keV cm $^{-2}$) = 40.1+/- 22.5

Median K_{100} (keV cm $^{-2}$) = 249.4+/- 13.7

Median Alpha = 0.76+/- 0.12



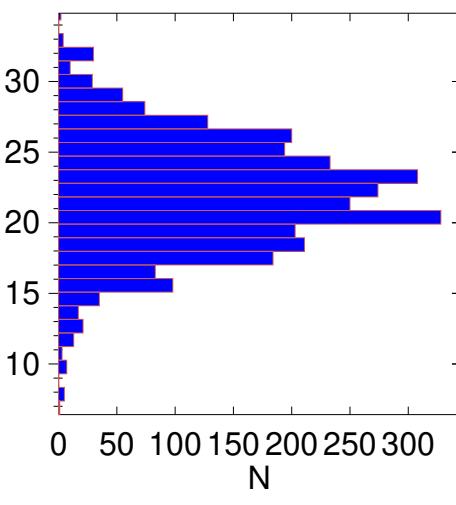
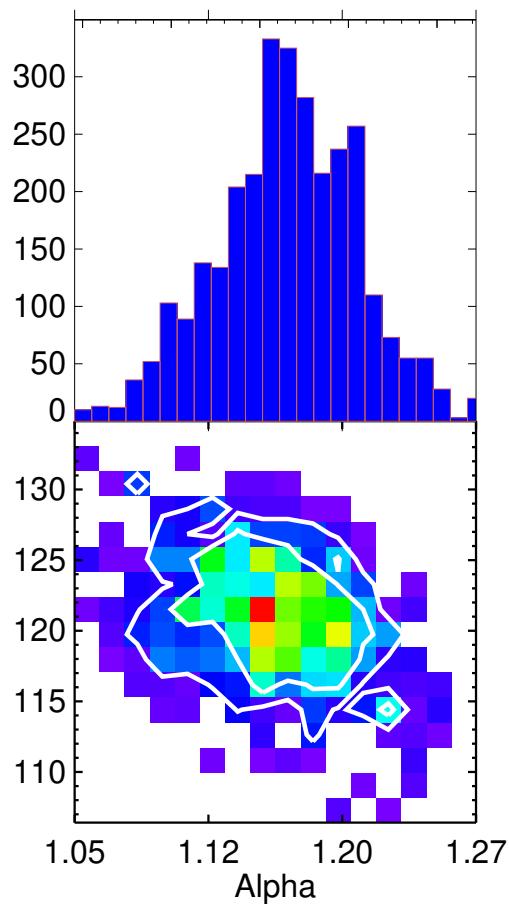


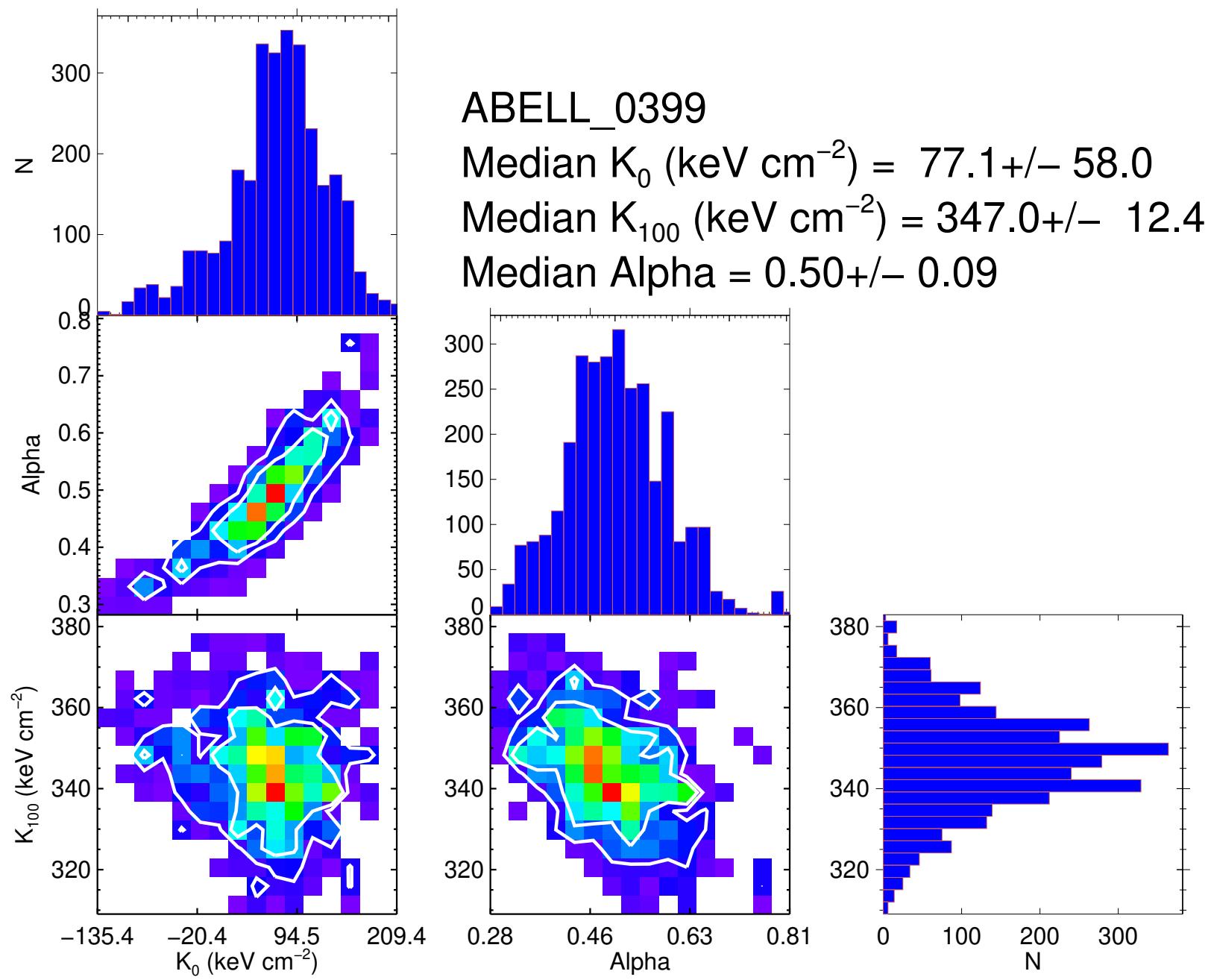
ABELL_0383

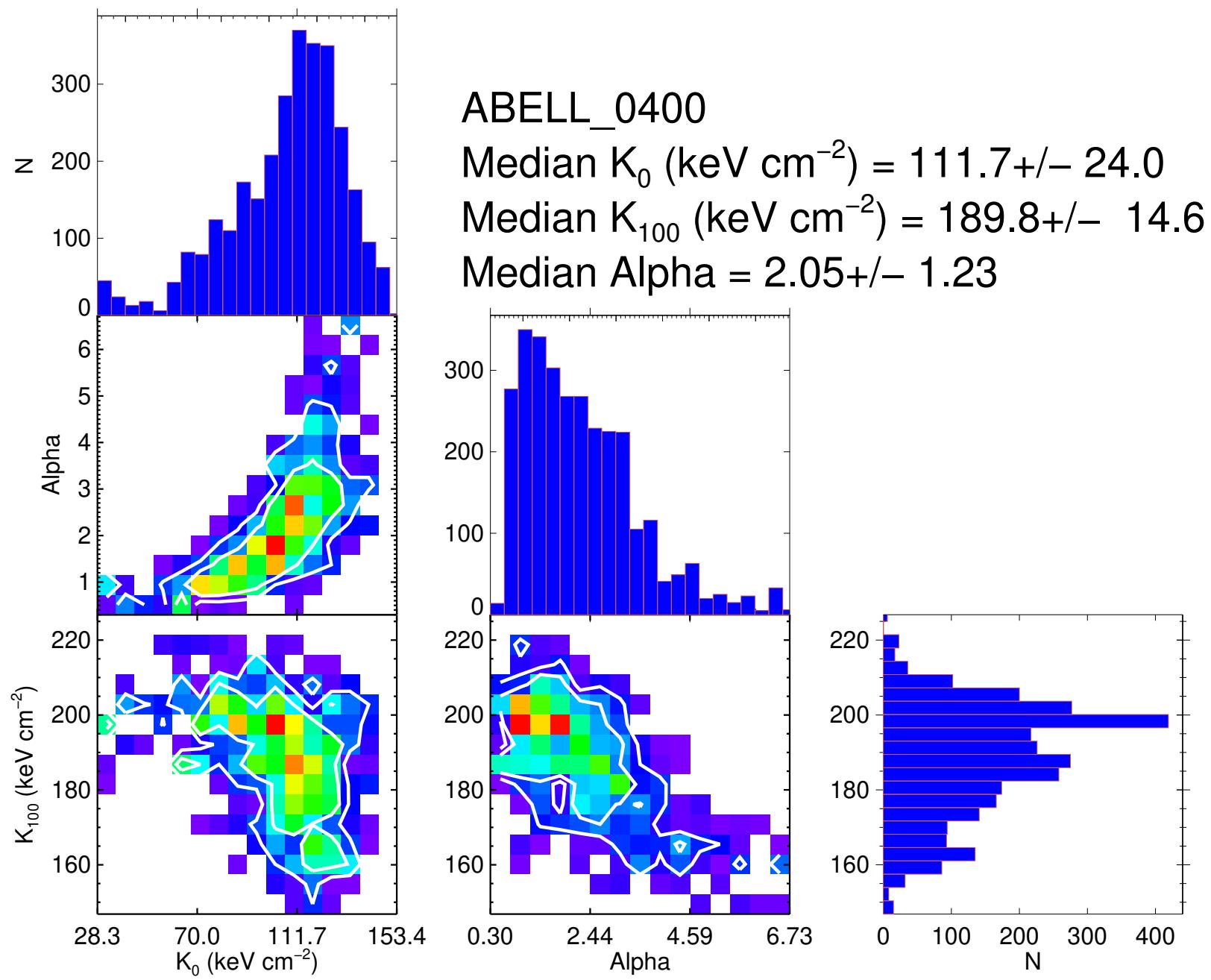
Median K_0 (keV cm $^{-2}$) = 9.7+/- 1.5

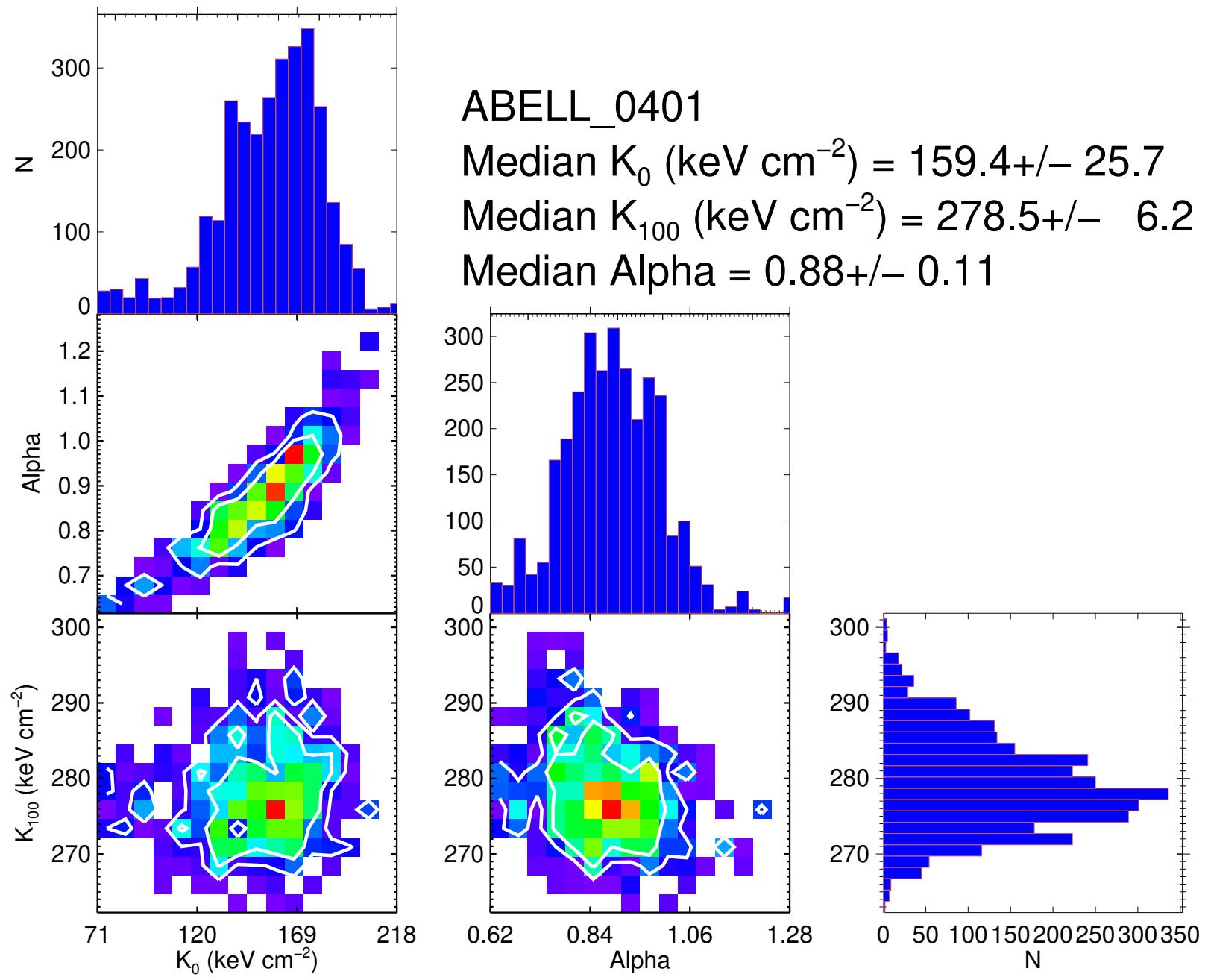
Median K_{100} (keV cm $^{-2}$) = 121.9+/- 4.0

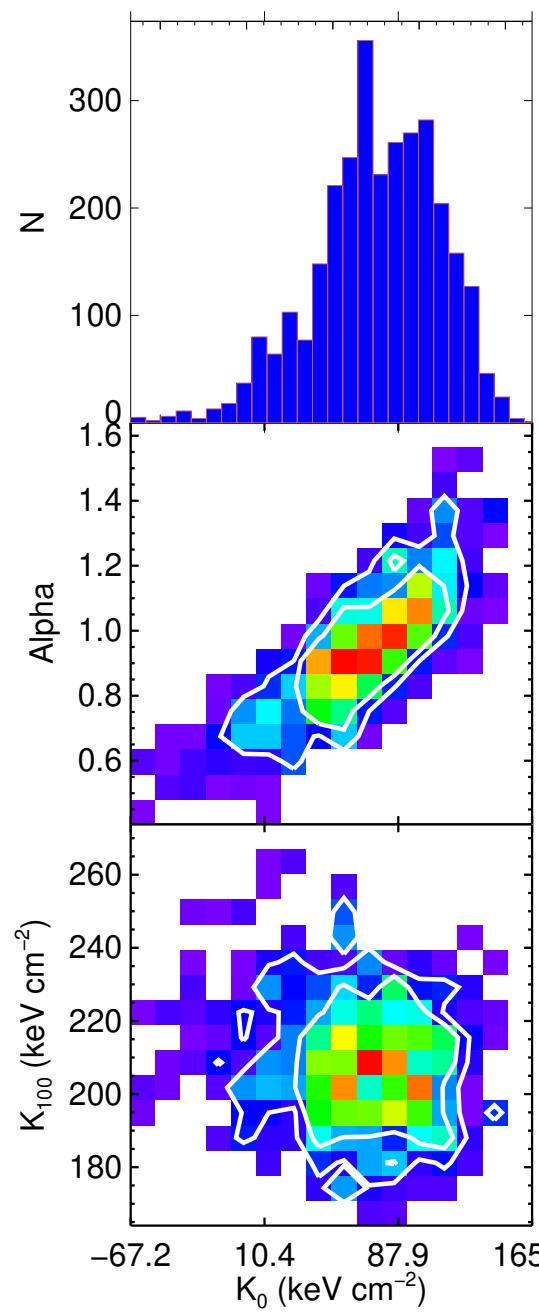
Median Alpha = 1.17+/- 0.04









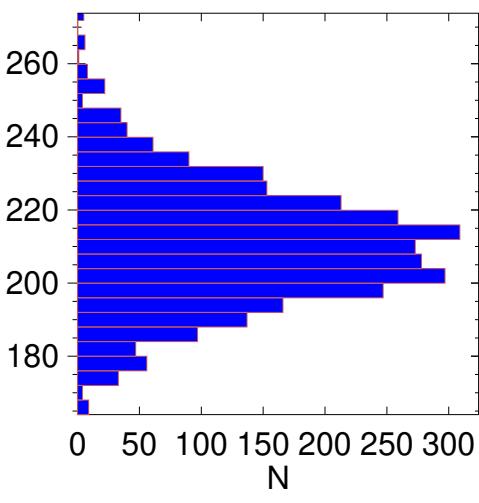
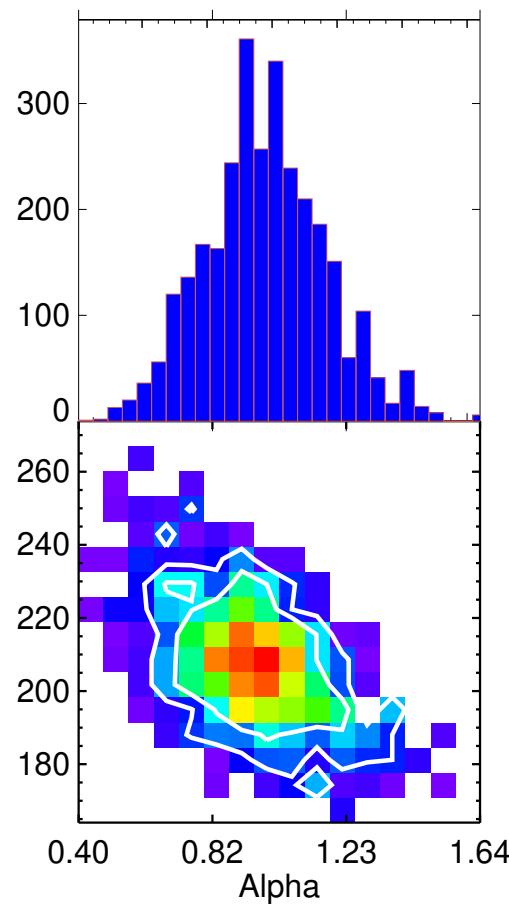


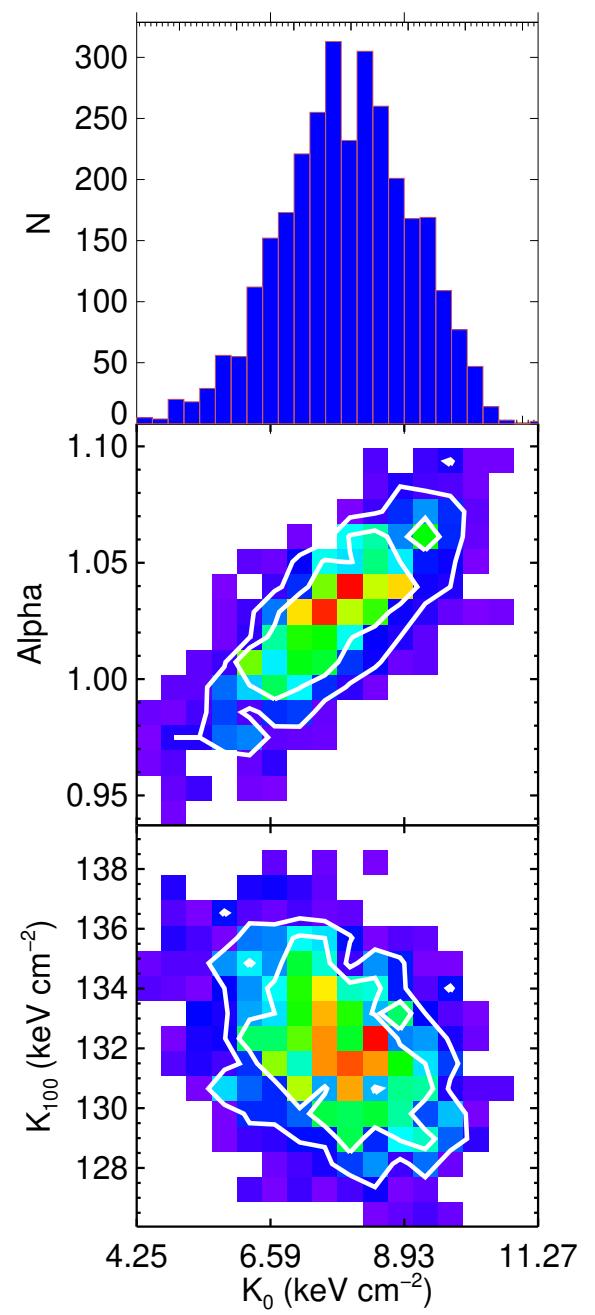
ABELL_0402

Median K_0 (keV cm $^{-2}$) = $77.6+/- 36.2$

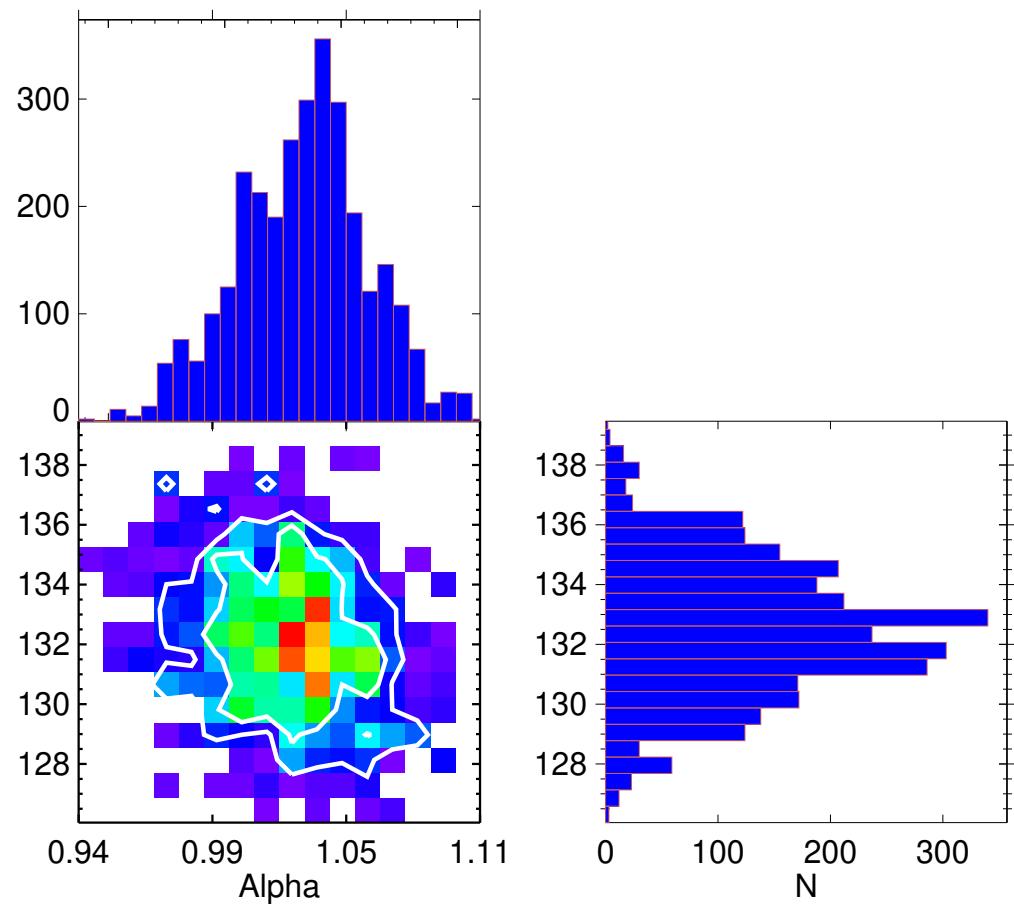
Median K_{100} (keV cm $^{-2}$) = $209.9+/- 16.5$

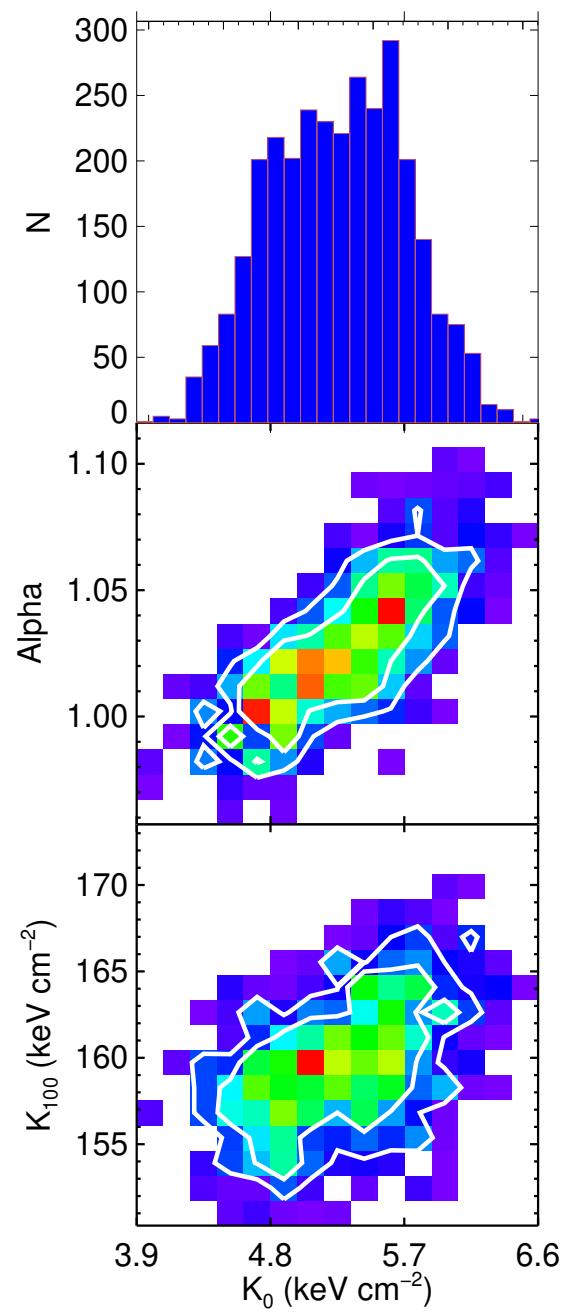
Median Alpha = $0.98+/- 0.19$





ABELL_0478
 Median K_0 (keV cm^{-2}) = $7.9+/- 1.1$
 Median K_{100} (keV cm^{-2}) = $132.5+/- 2.3$
 Median Alpha = $1.04+/- 0.03$



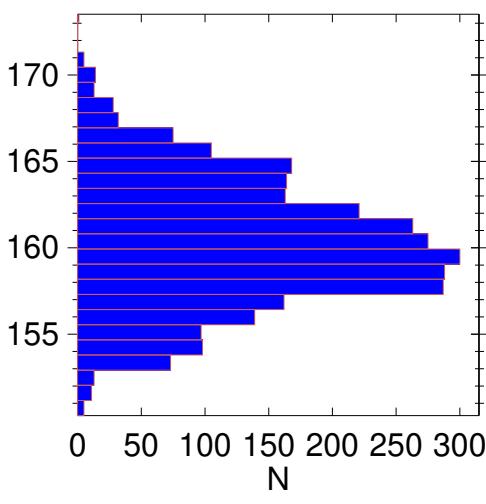
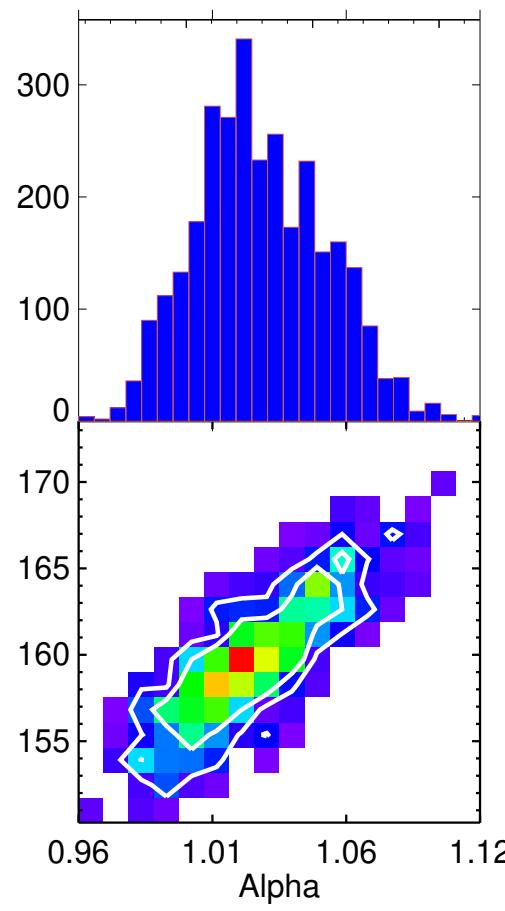


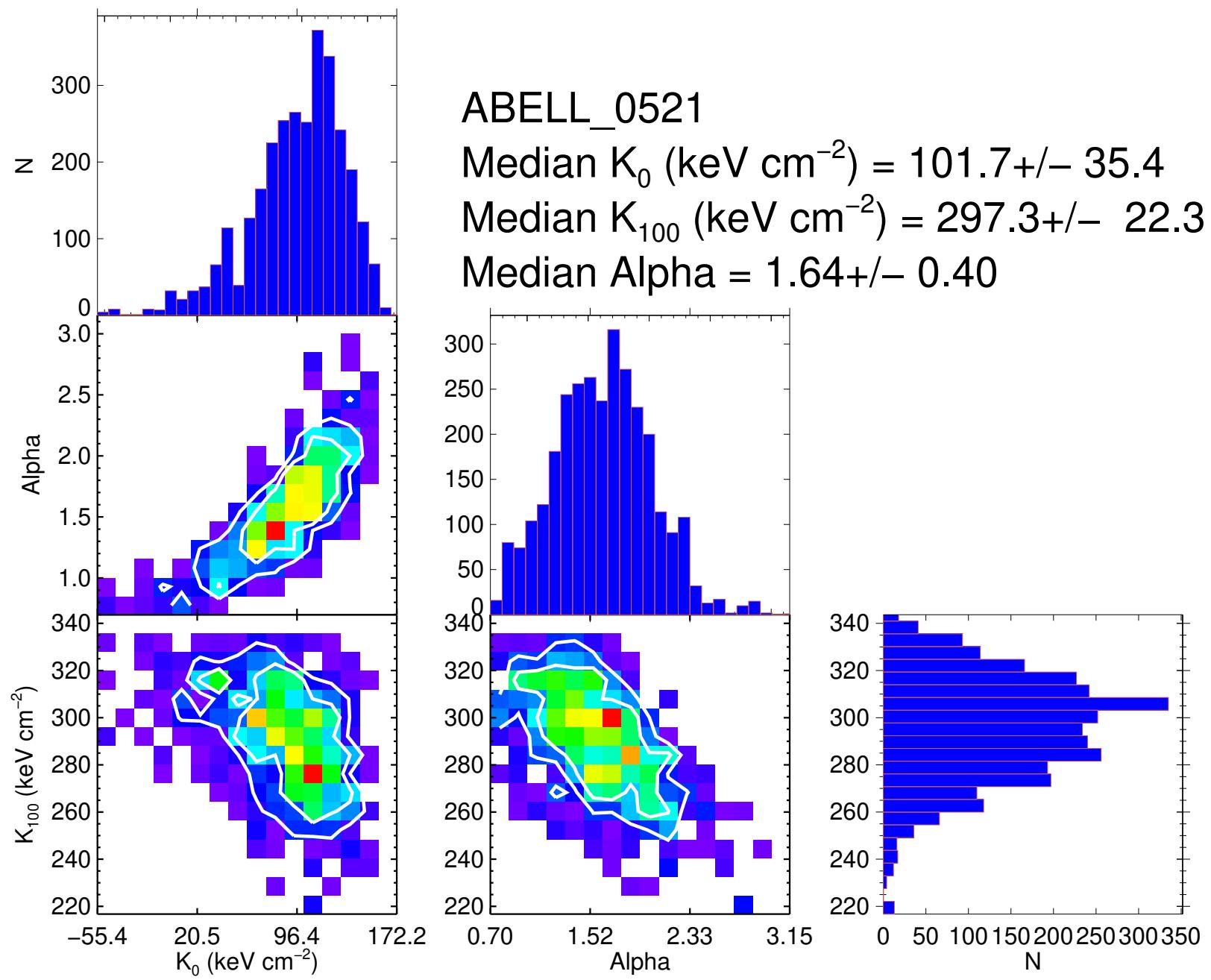
ABELL_0496

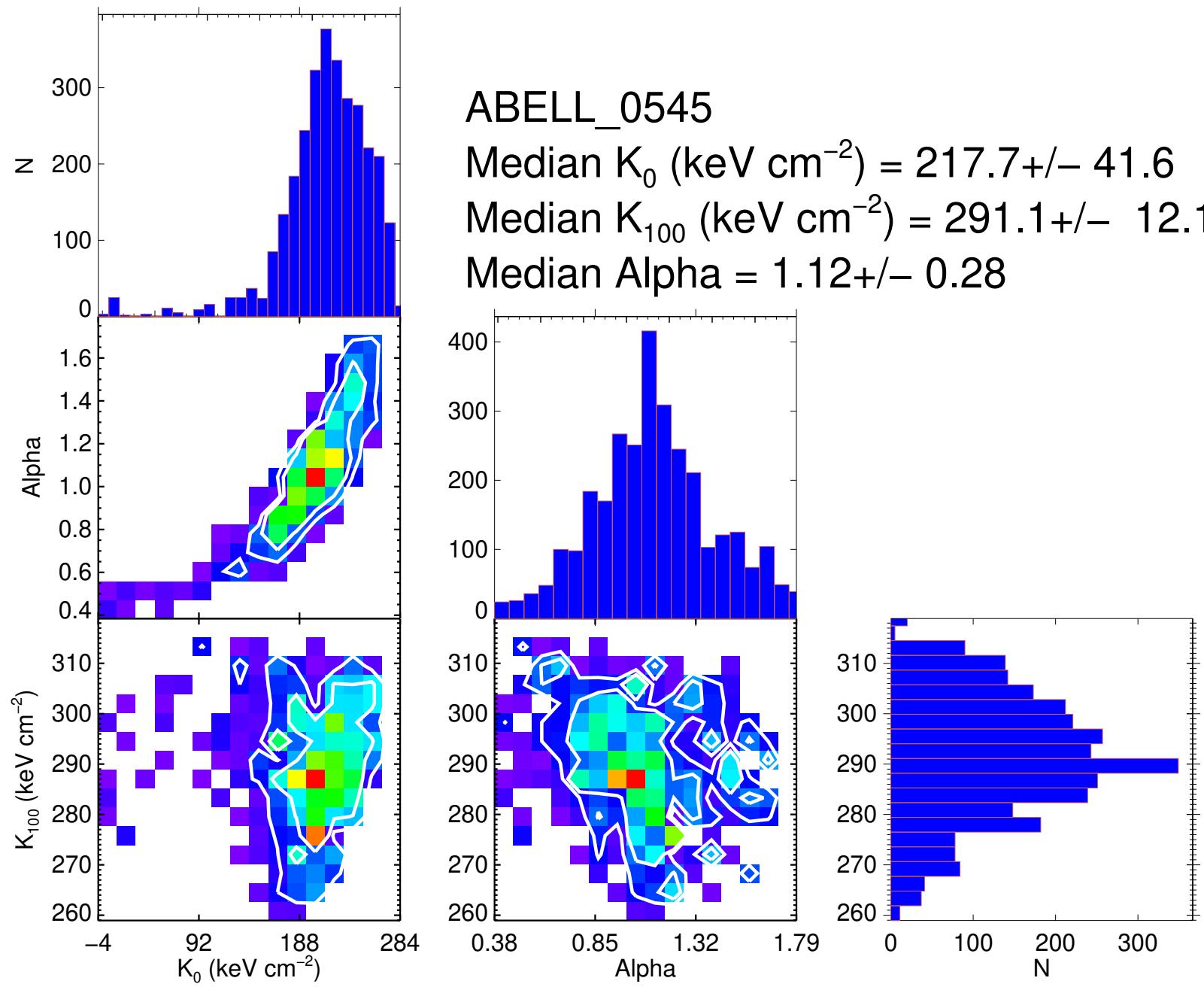
Median K_0 (keV cm^{-2}) = $5.3+/- 0.5$

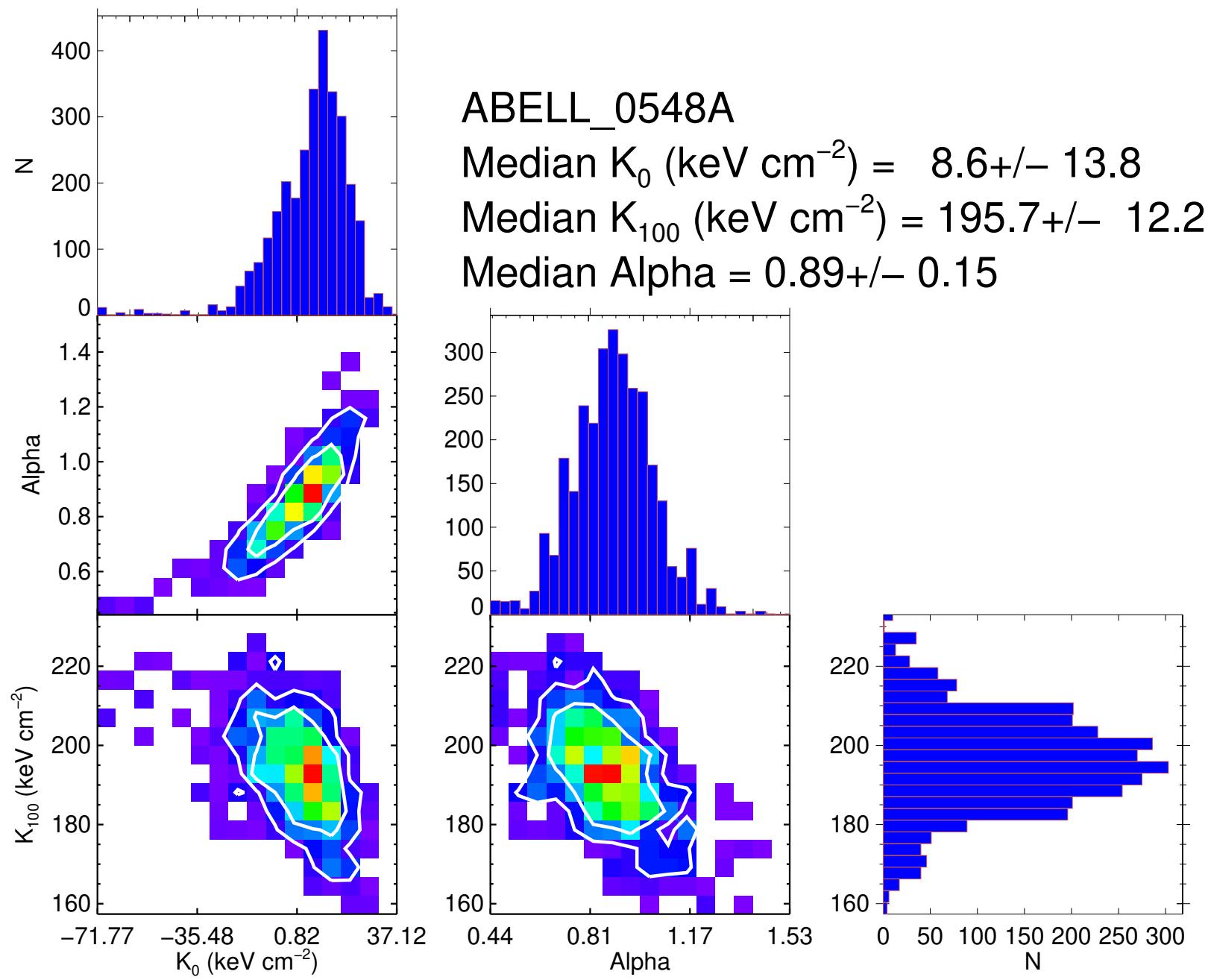
Median K_{100} (keV cm^{-2}) = $160.0+/- 3.6$

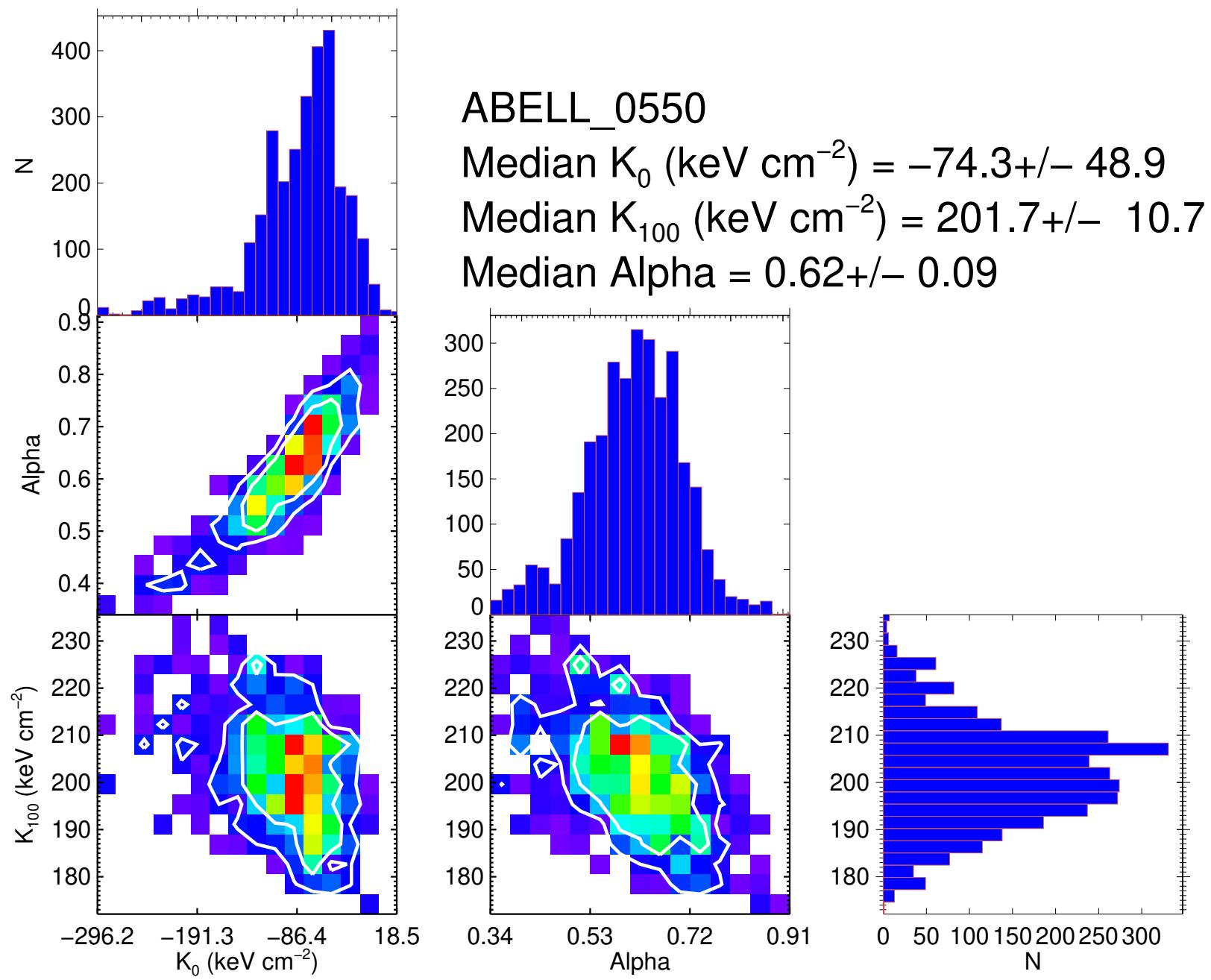
Median Alpha = $1.03+/- 0.03$

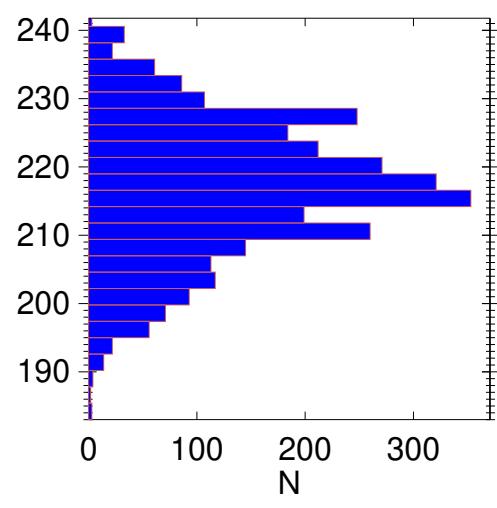
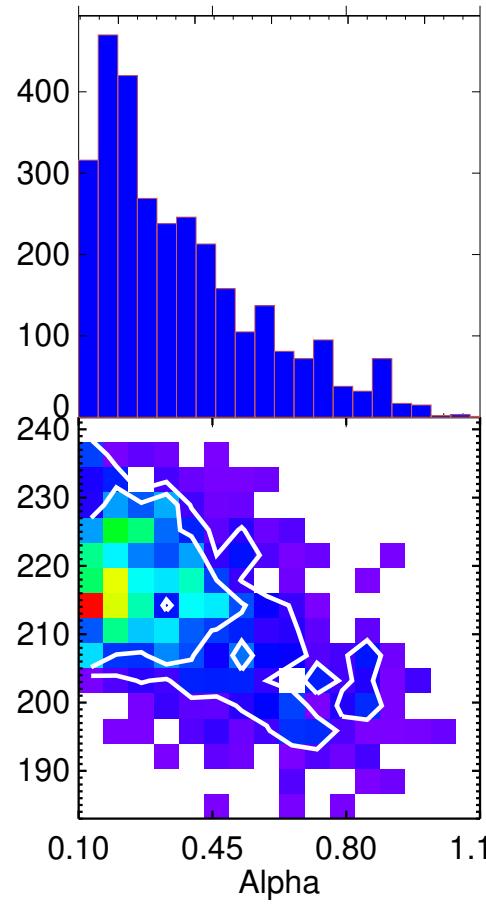
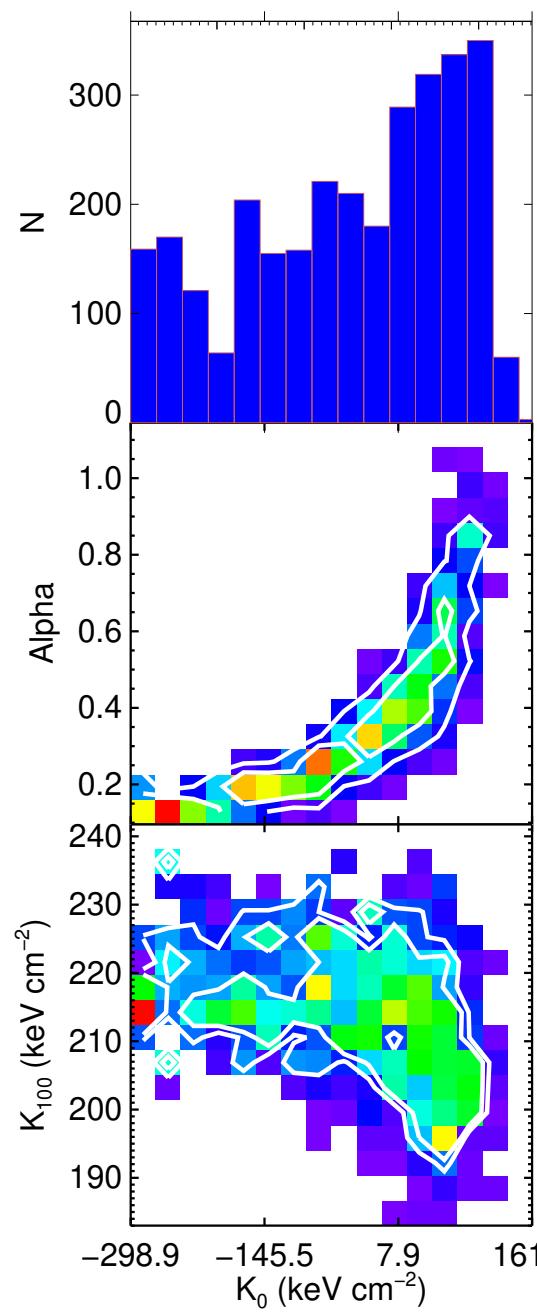


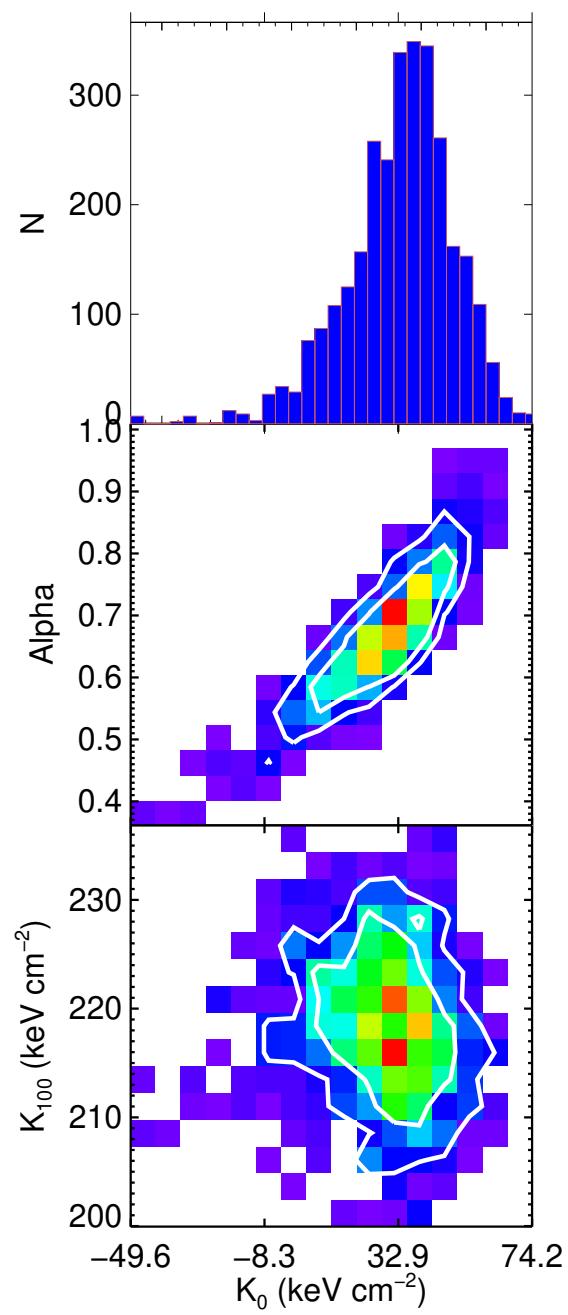










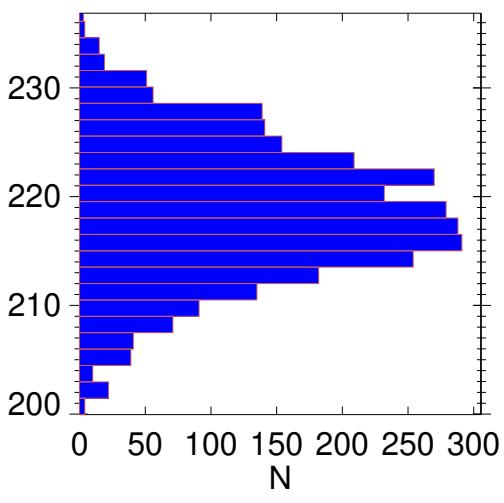
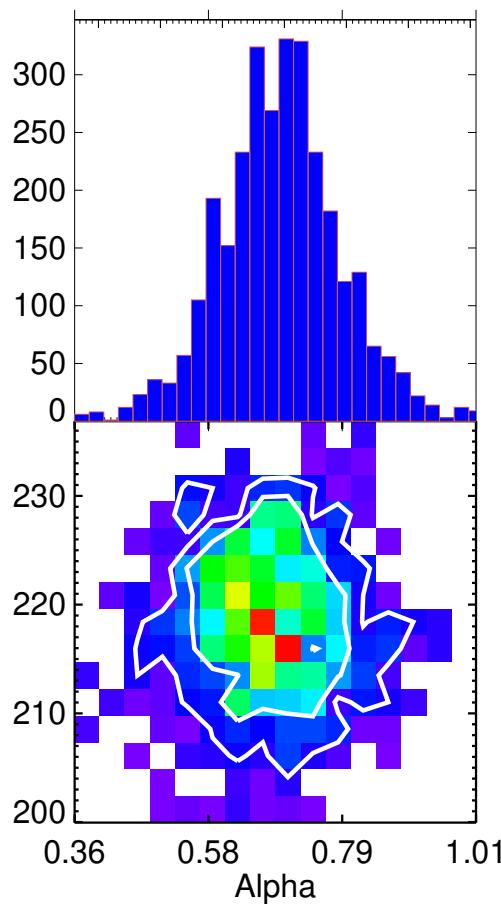


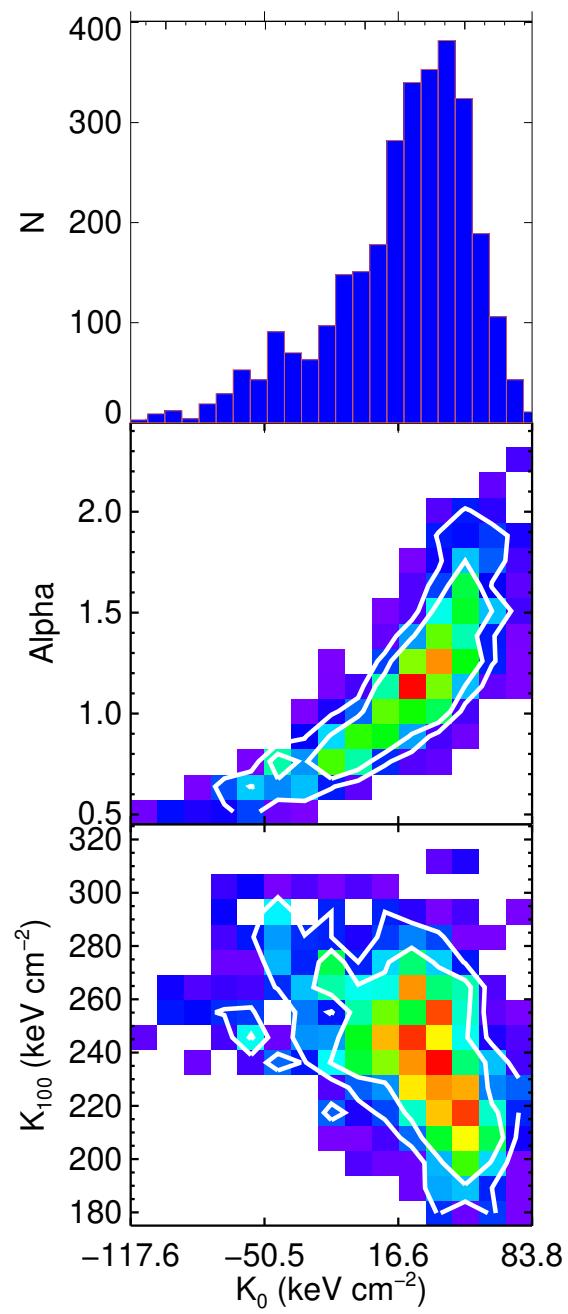
ABELL_0576

Median K_0 (keV cm $^{-2}$) = 35.4 ± 16.7

Median K_{100} (keV cm $^{-2}$) = 218.5 ± 6.2

Median Alpha = 0.70 ± 0.10



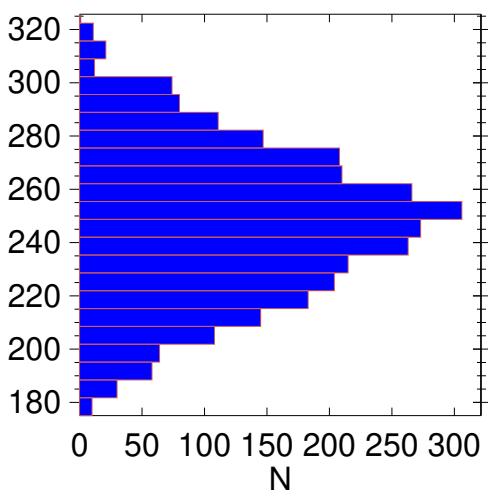
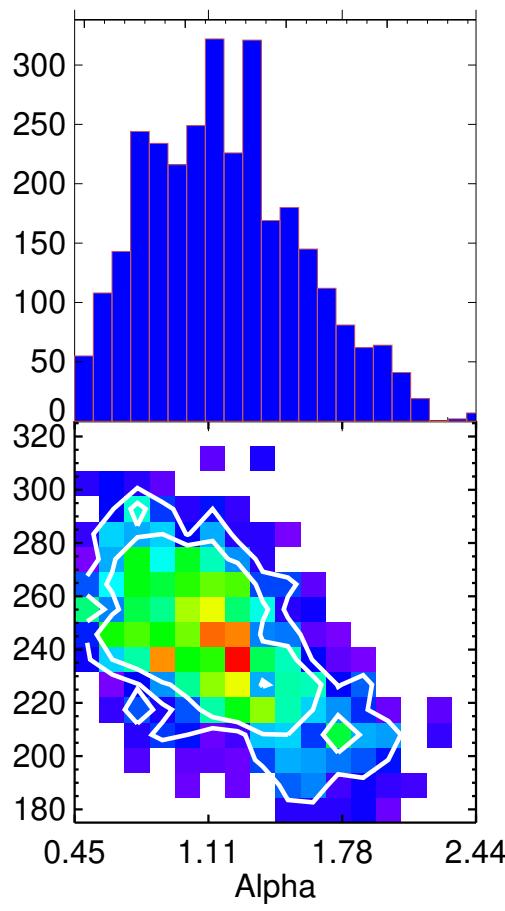


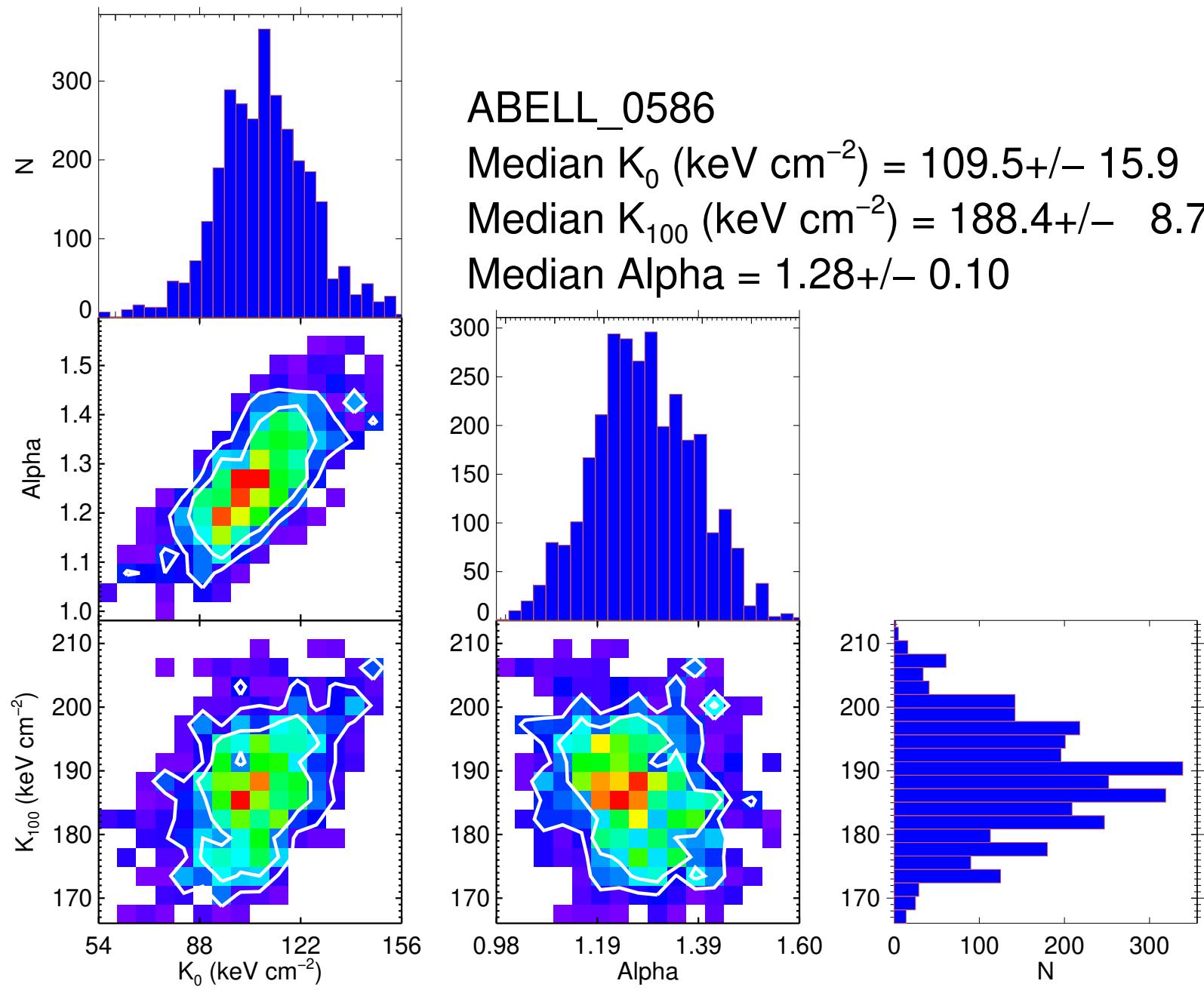
ABELL_0578

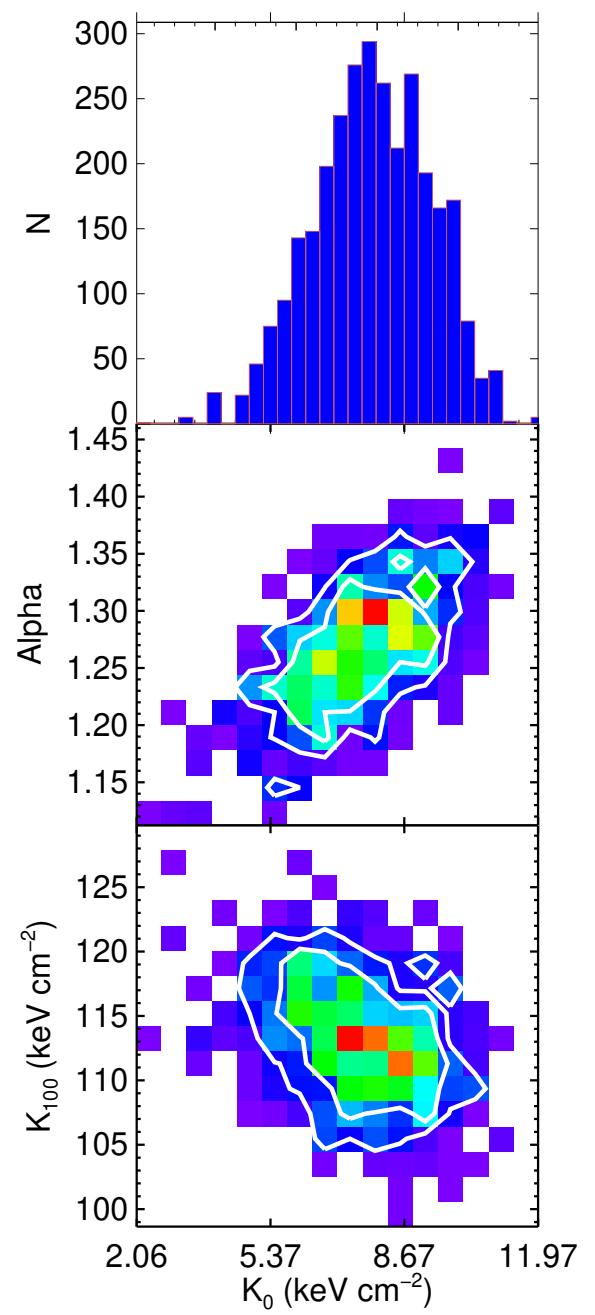
Median K_0 (keV cm $^{-2}$) = $25.5+/- 35.3$

Median K_{100} (keV cm $^{-2}$) = $247.3+/- 27.6$

Median Alpha = $1.18+/- 0.38$





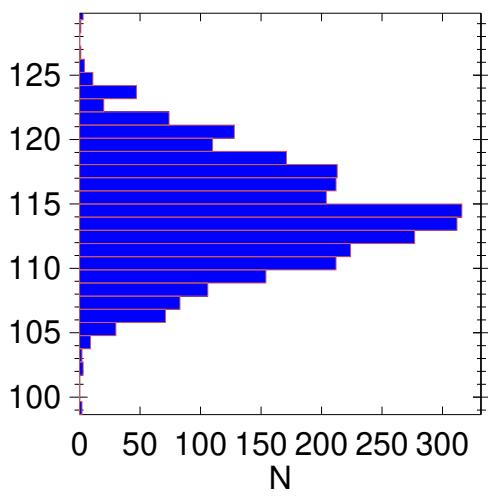
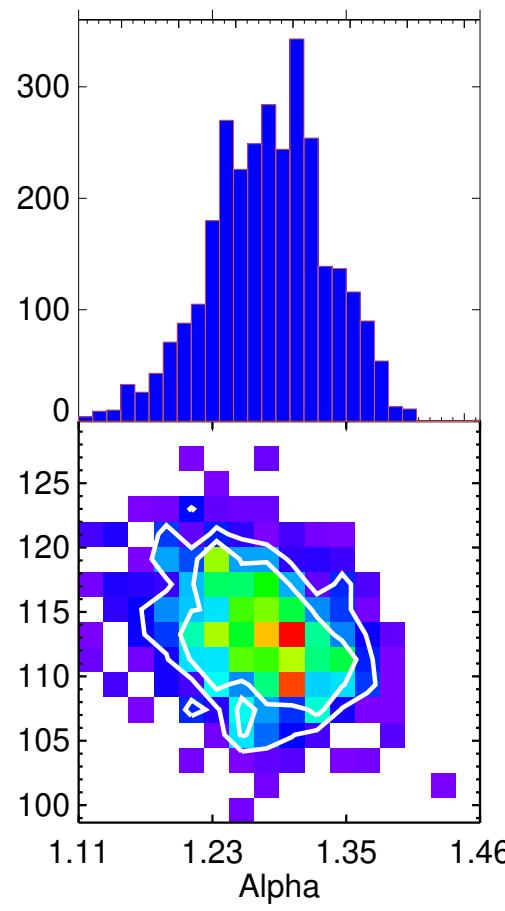


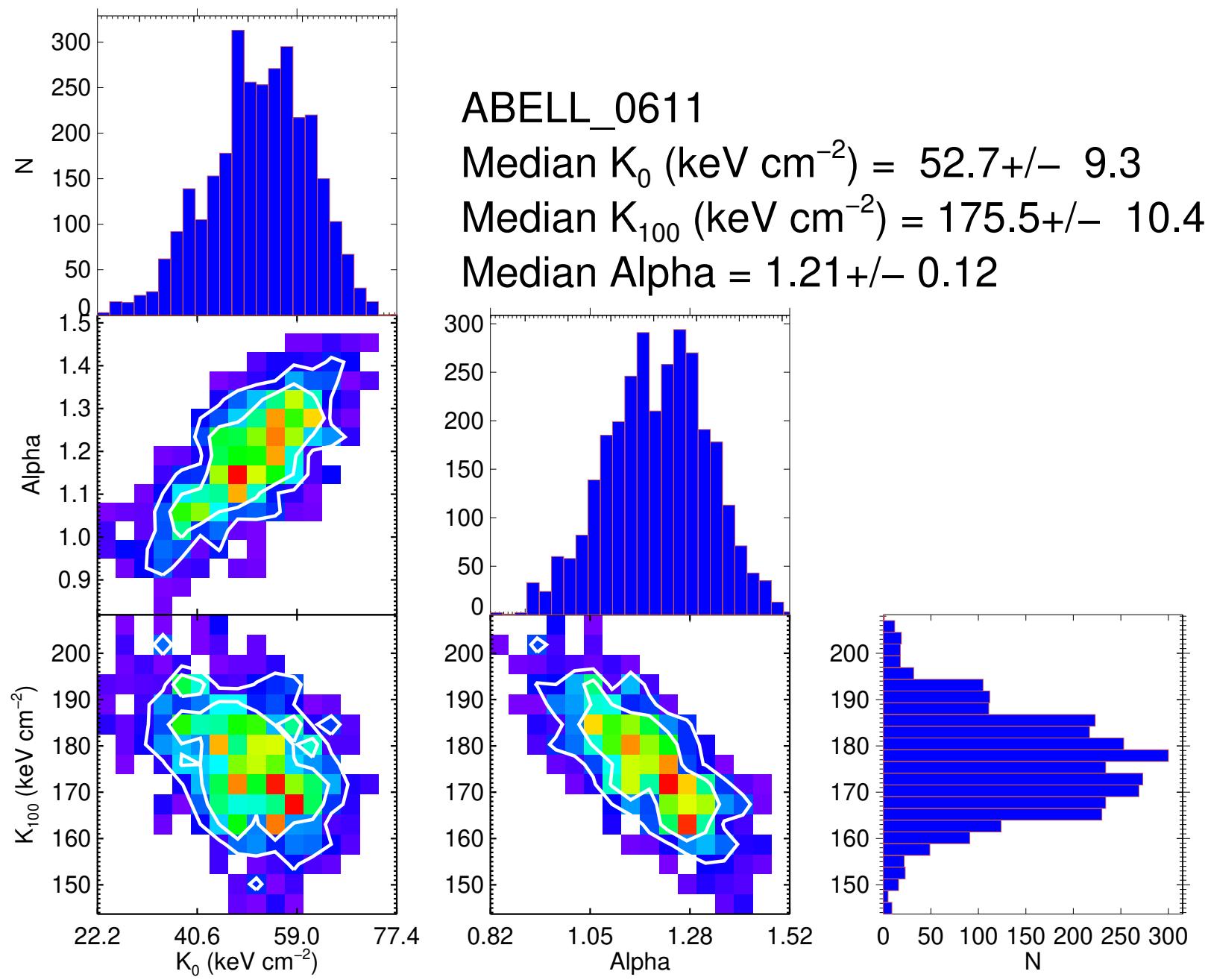
ABELL_0598

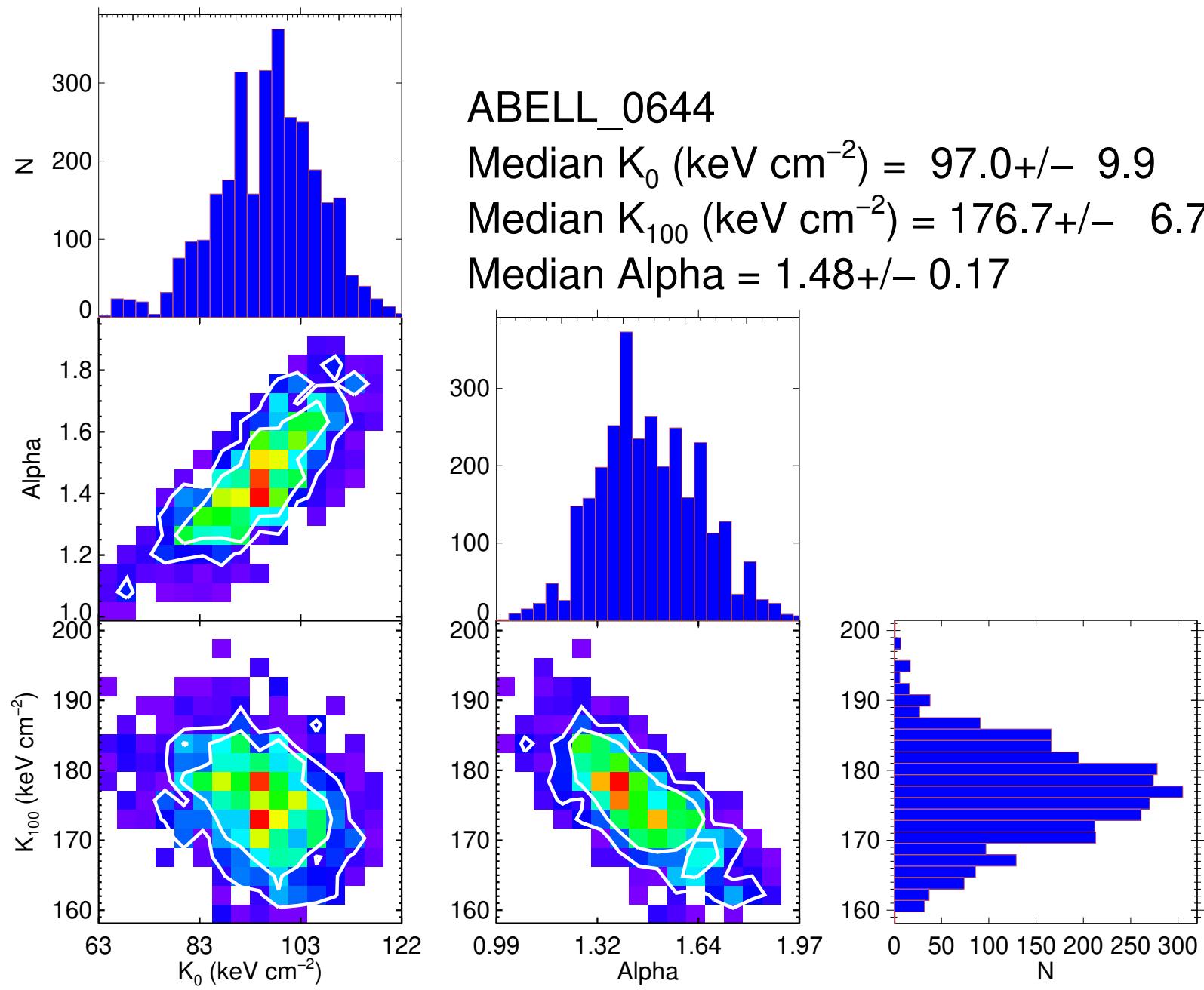
Median K_0 (keV cm $^{-2}$) = 7.9+/- 1.4

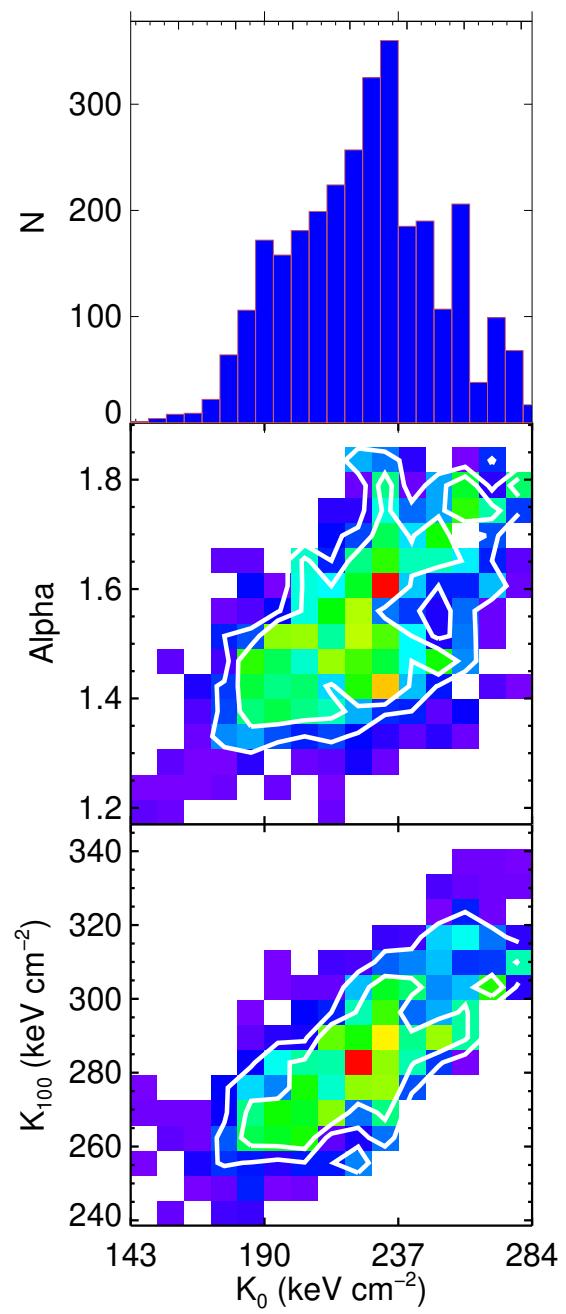
Median K_{100} (keV cm $^{-2}$) = 114.1+/- 4.2

Median Alpha = 1.28+/- 0.05







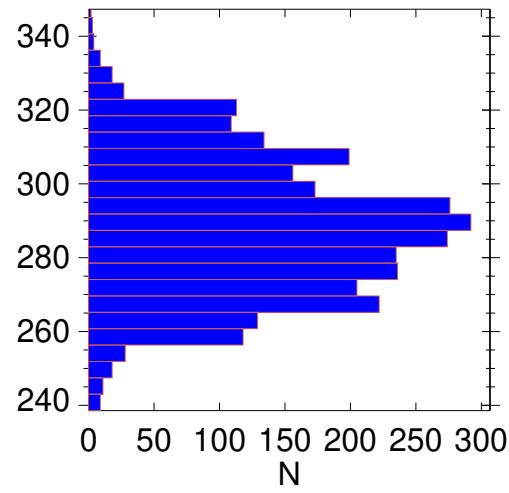
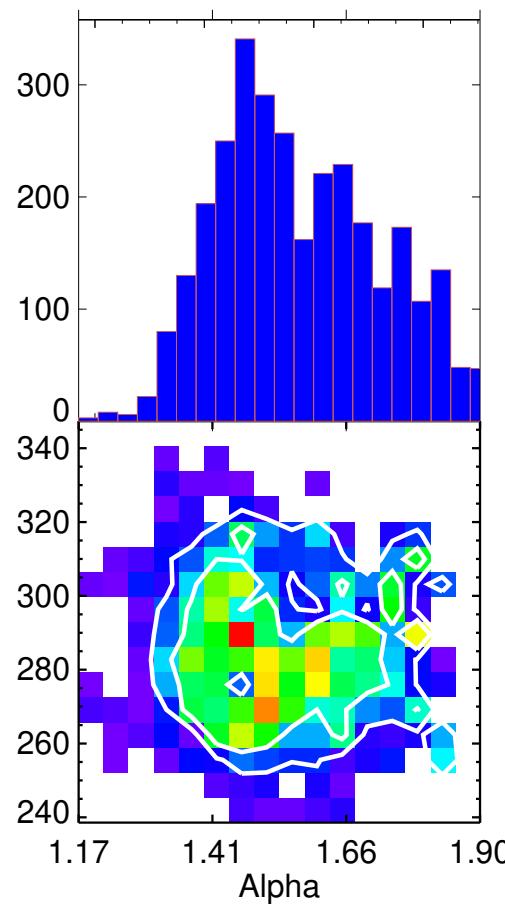


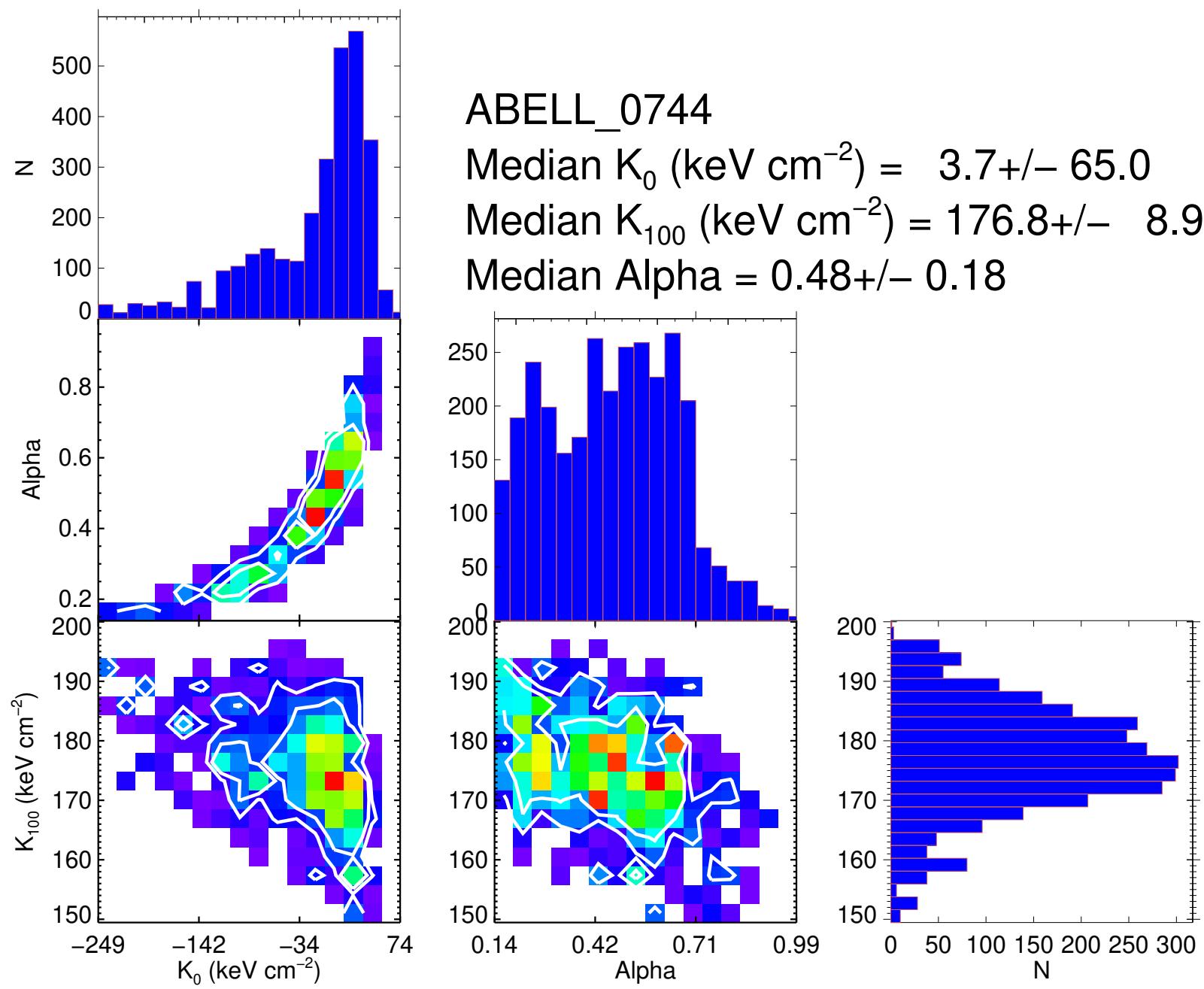
ABELL_0697

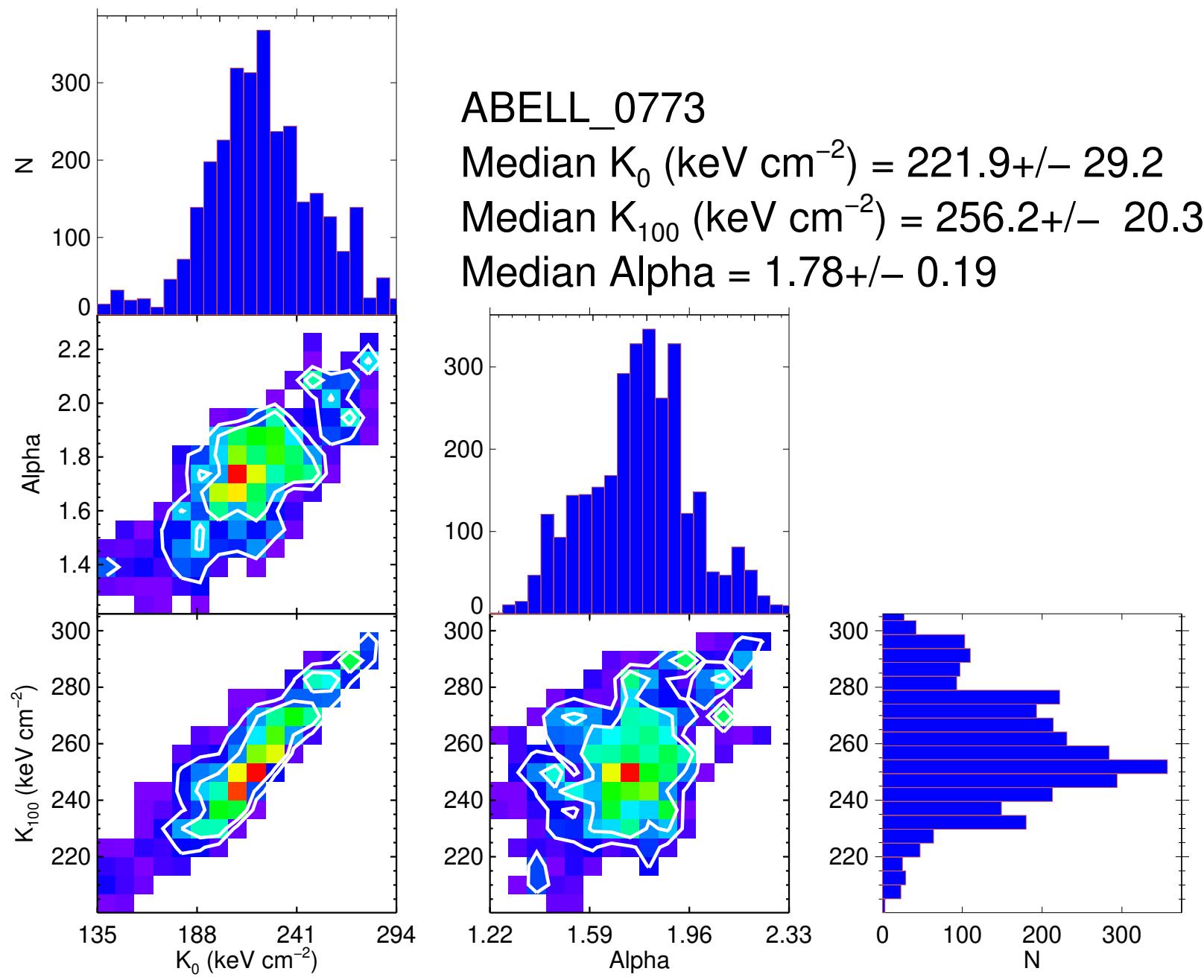
Median K_0 (keV cm $^{-2}$) = 225.9+/- 25.7

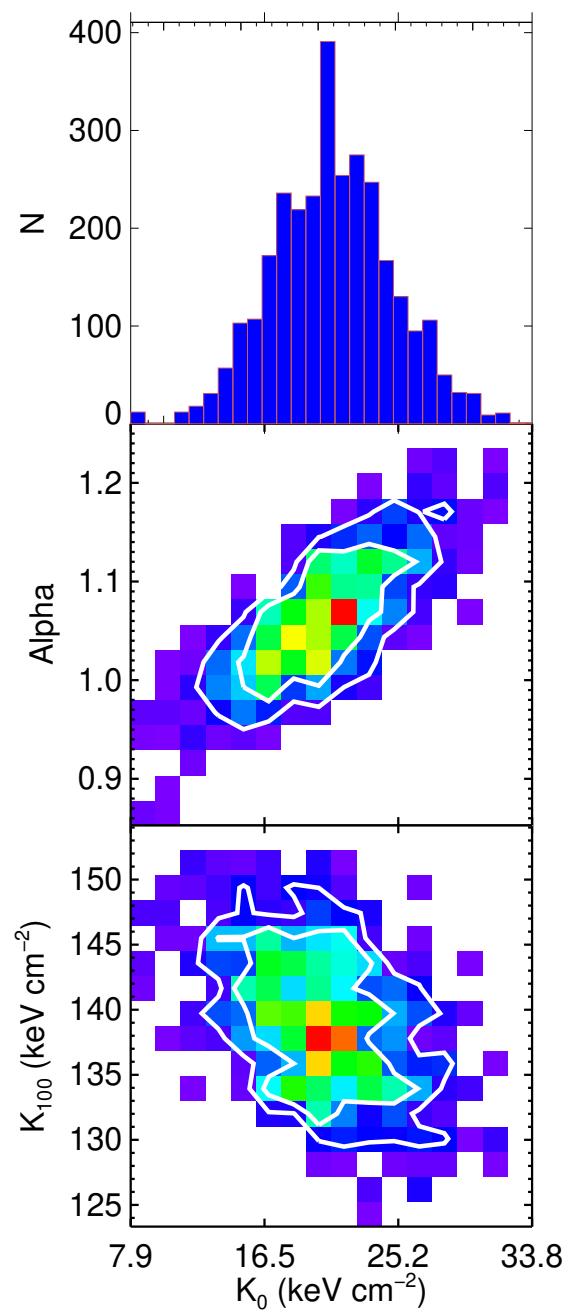
Median K_{100} (keV cm $^{-2}$) = 287.6+/- 18.3

Median Alpha = 1.55+/- 0.15







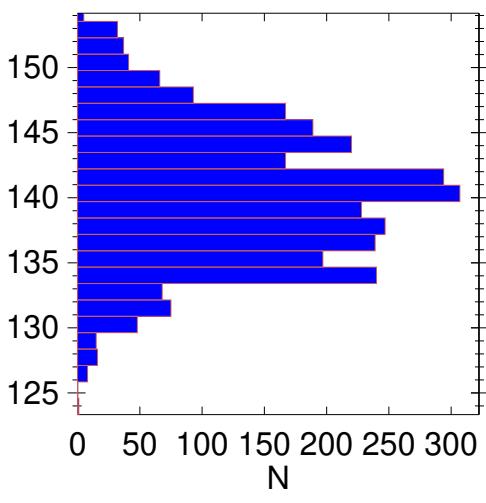
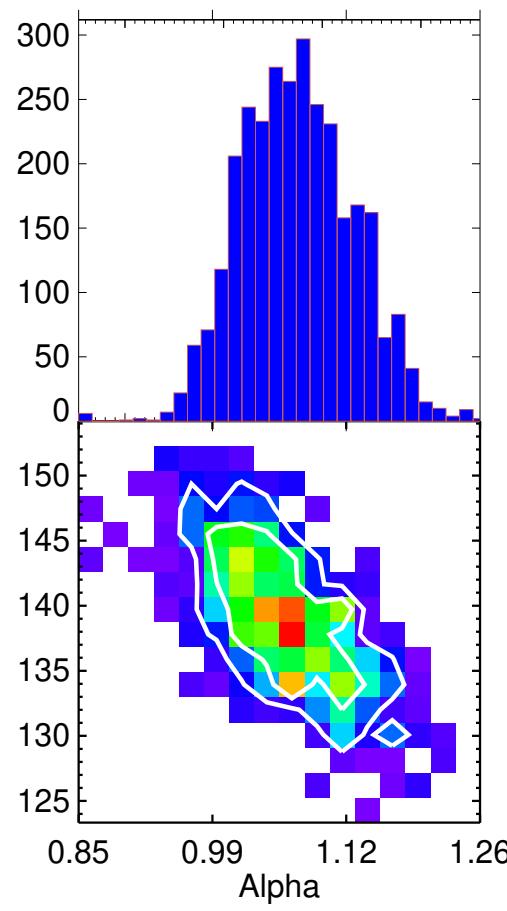


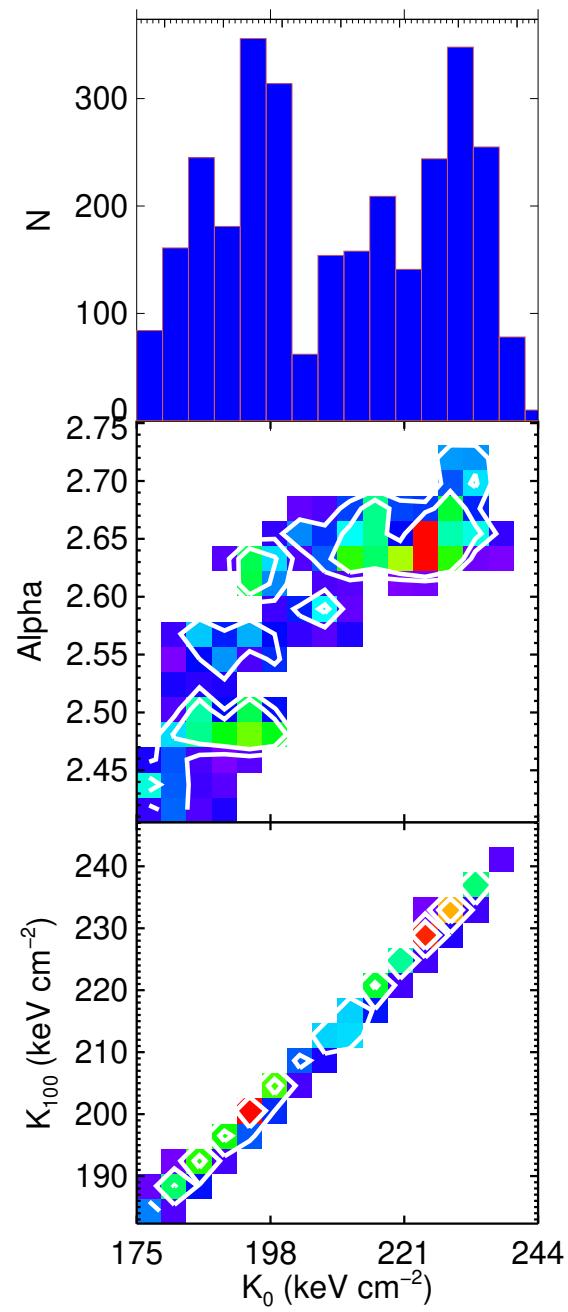
ABELL_0795

Median K_0 (keV cm $^{-2}$) = 21.0+/- 3.9

Median K_{100} (keV cm $^{-2}$) = 140.0+/- 5.2

Median Alpha = 1.07+/- 0.06



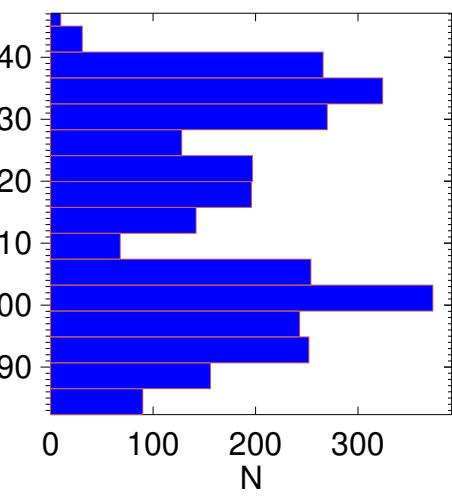
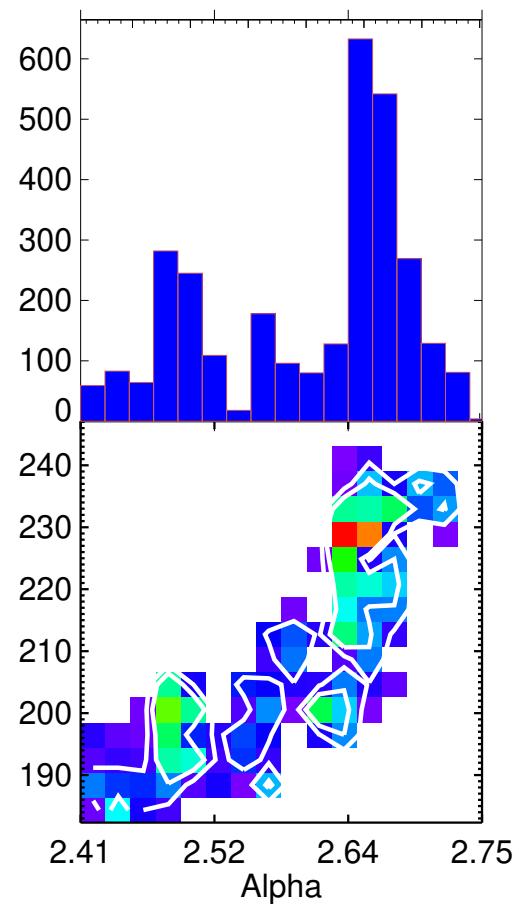


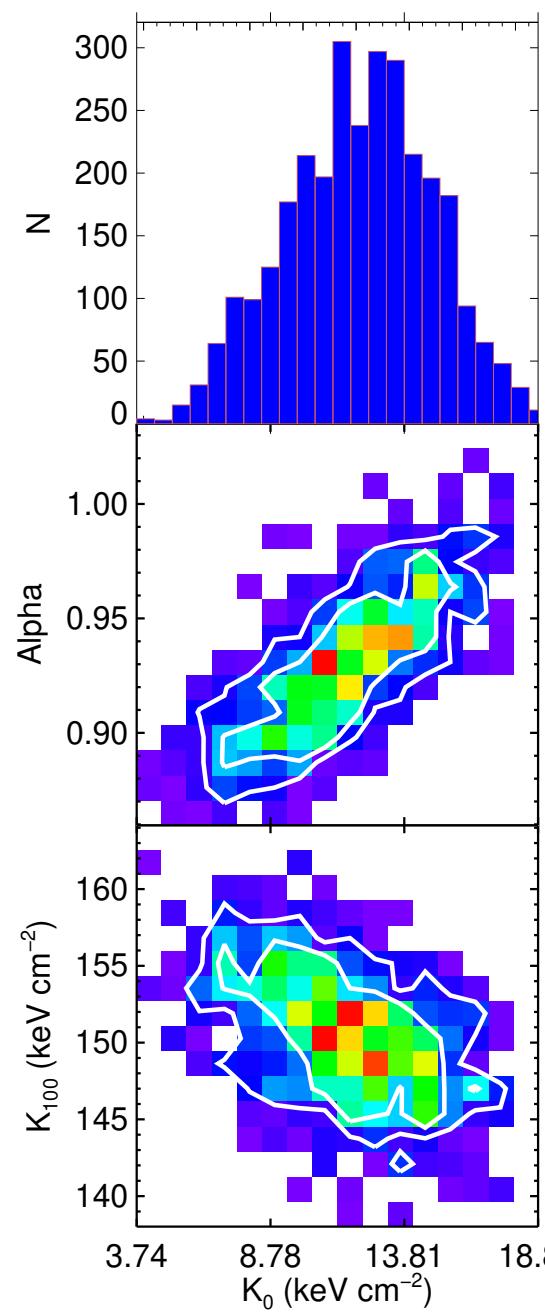
ABELL_0868

Median K_0 (keV cm $^{-2}$) = 209.2+/- 18.2

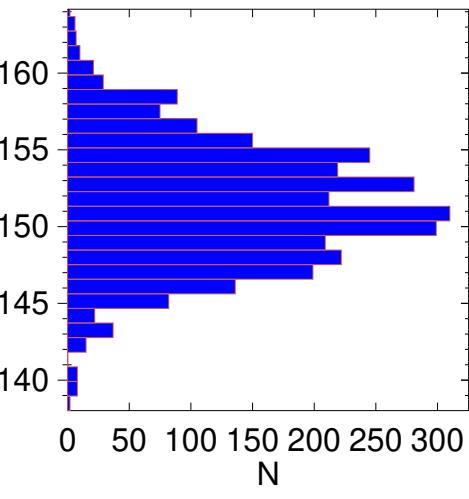
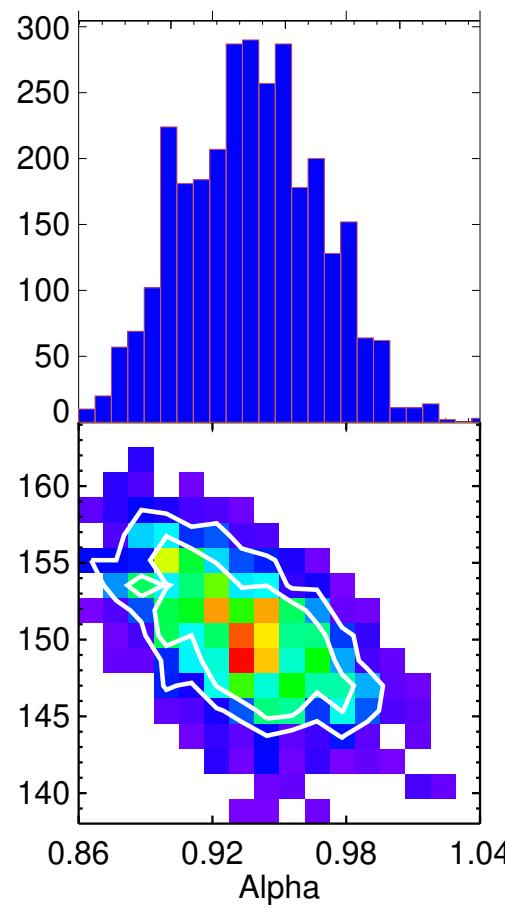
Median K_{100} (keV cm $^{-2}$) = 213.3+/- 17.2

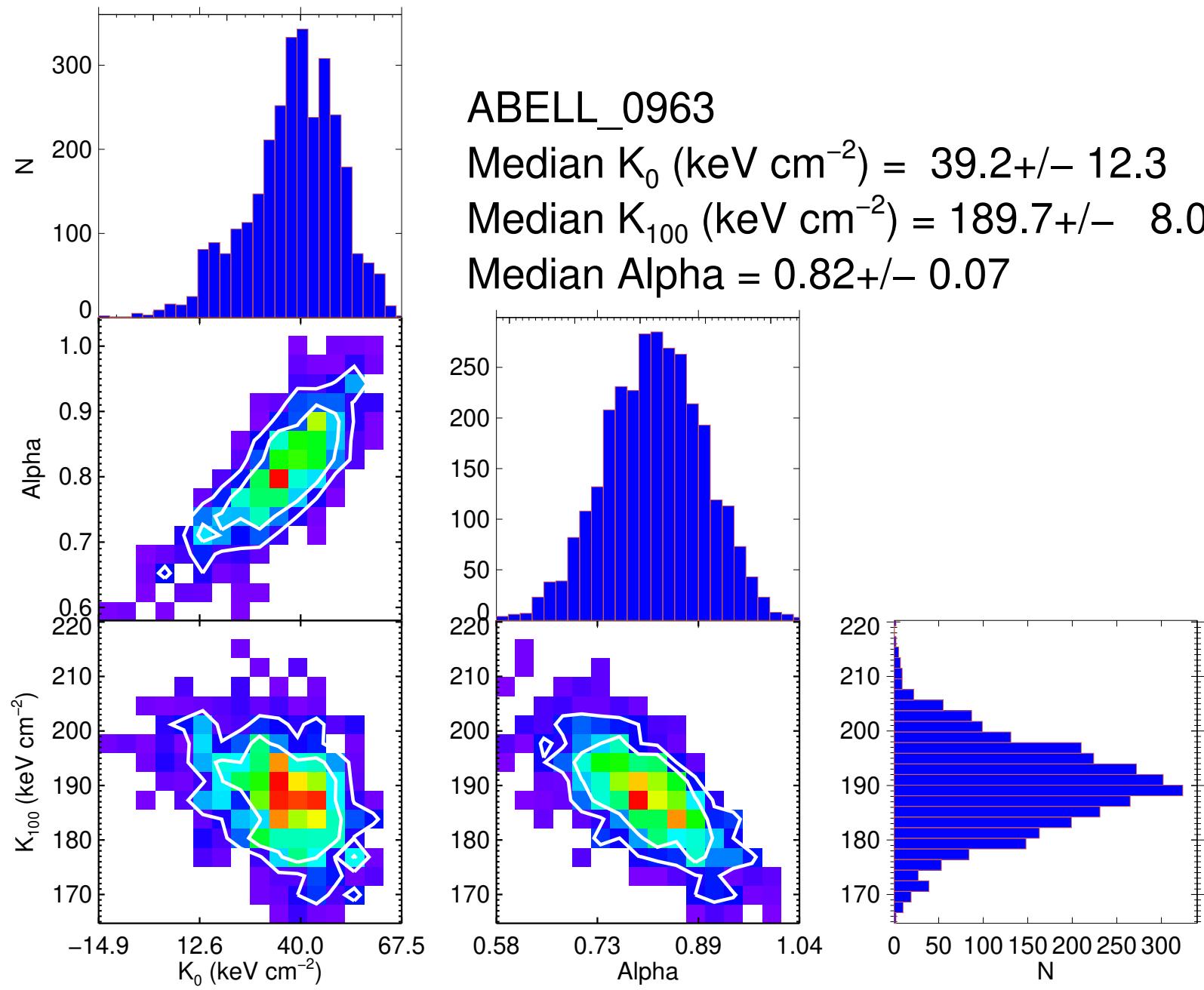
Median Alpha = 2.64+/- 0.09

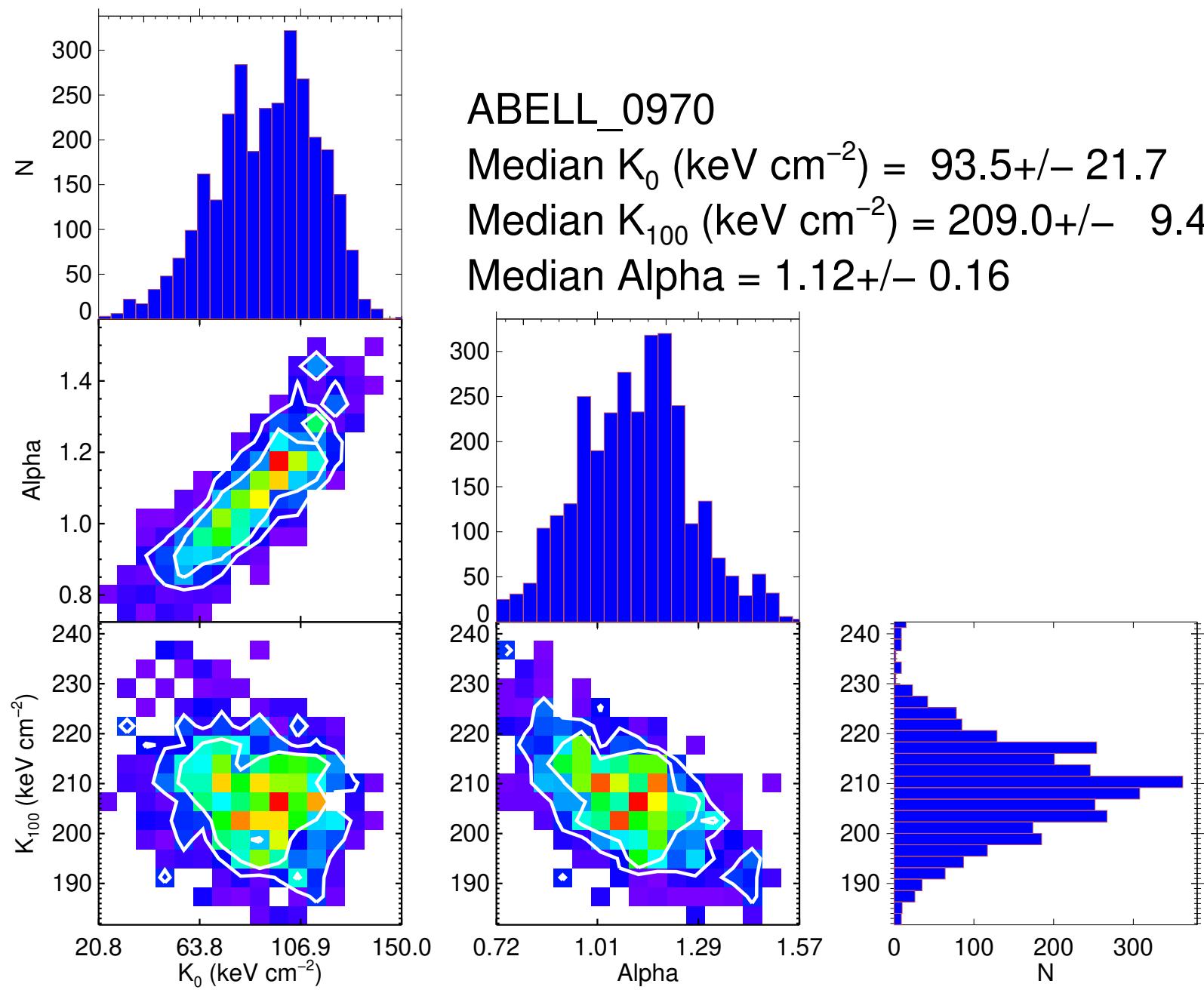


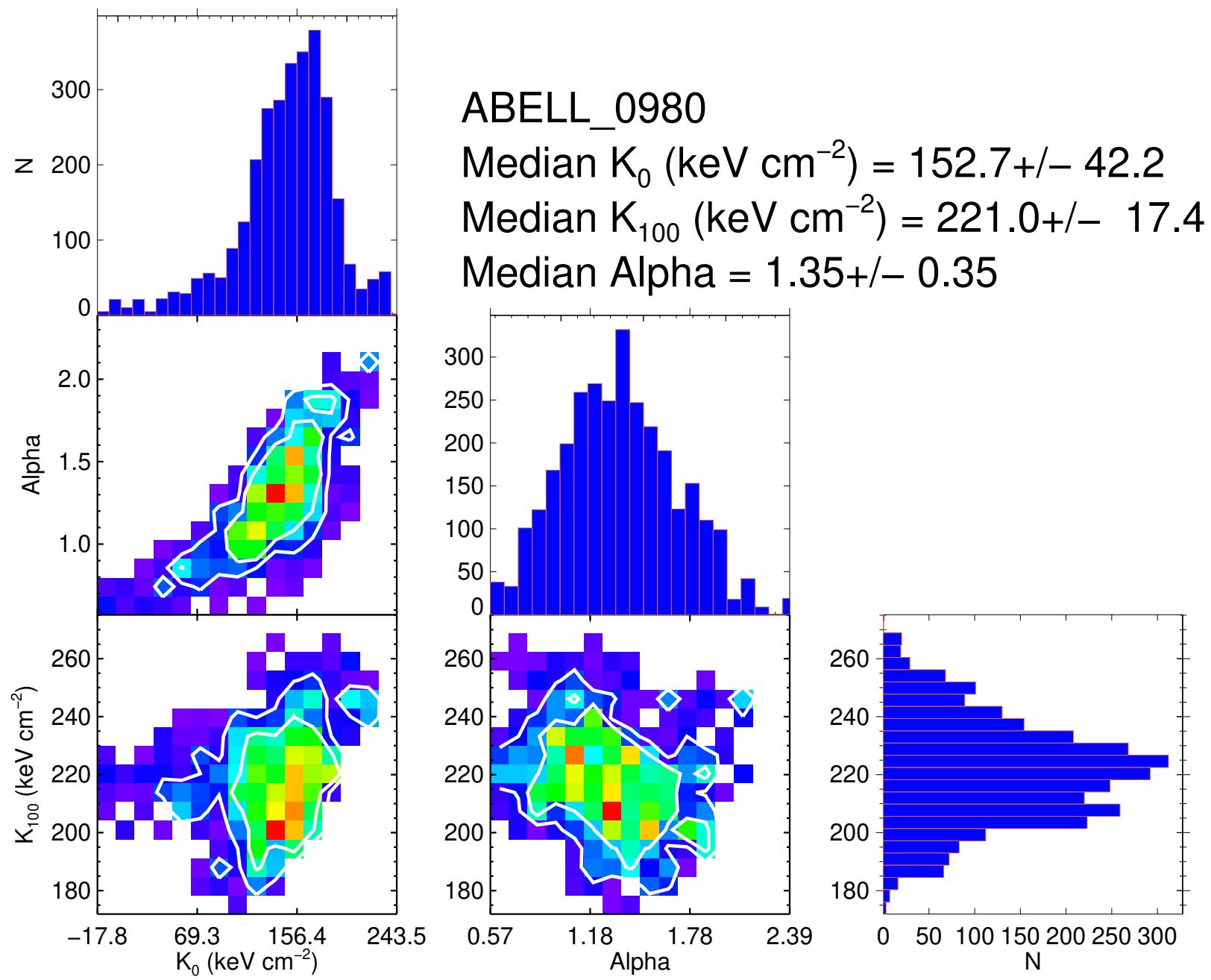


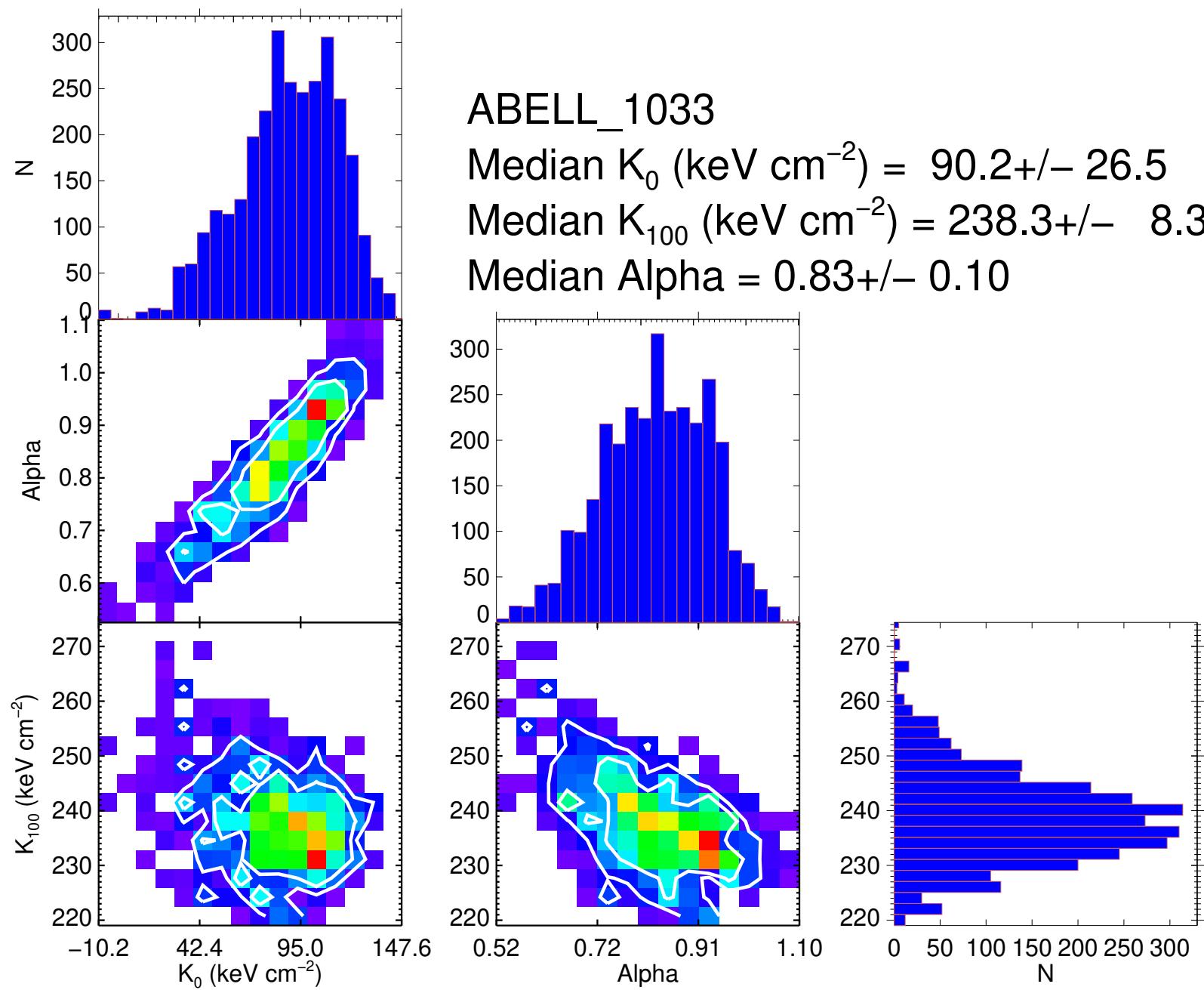
ABELL_0907
 Median K_0 (keV cm^{-2}) = $12.3+/- 2.8$
 Median K_{100} (keV cm^{-2}) = $151.2+/- 3.9$
 Median Alpha = $0.94+/- 0.03$

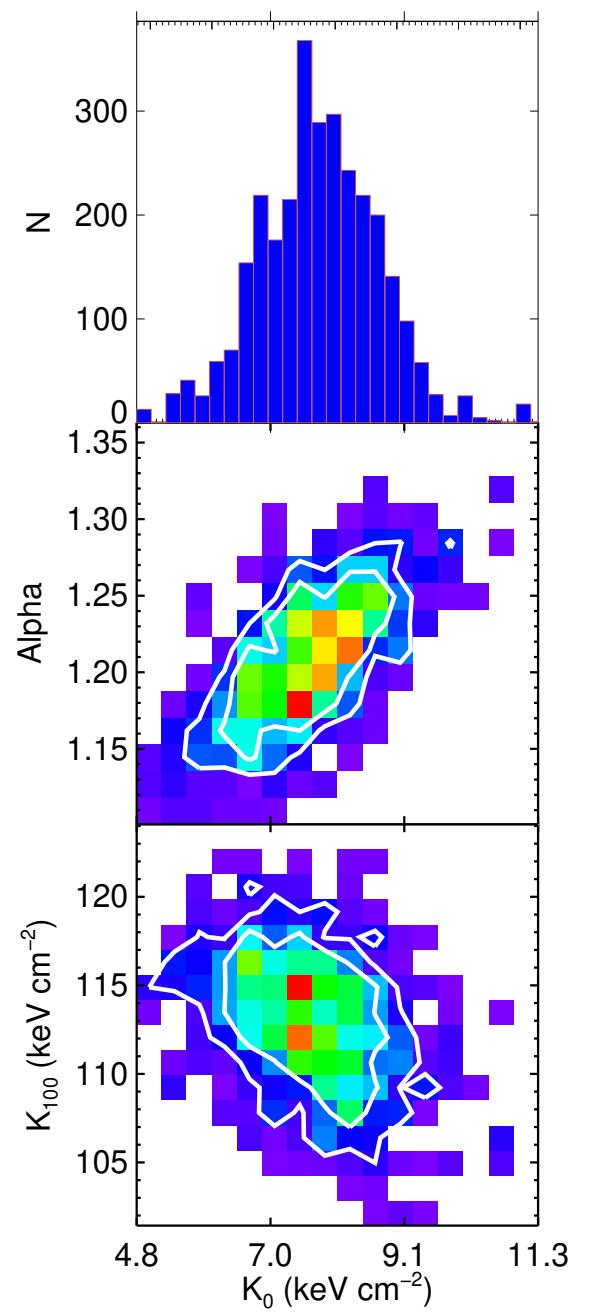










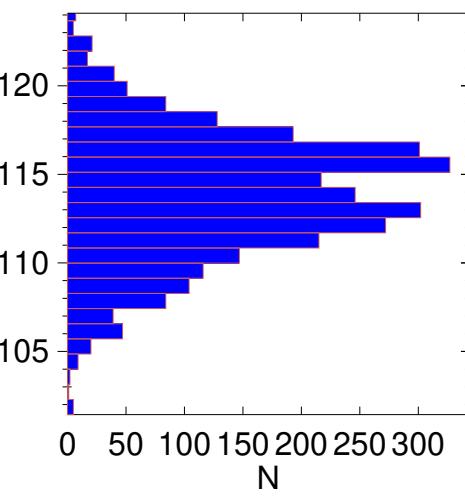
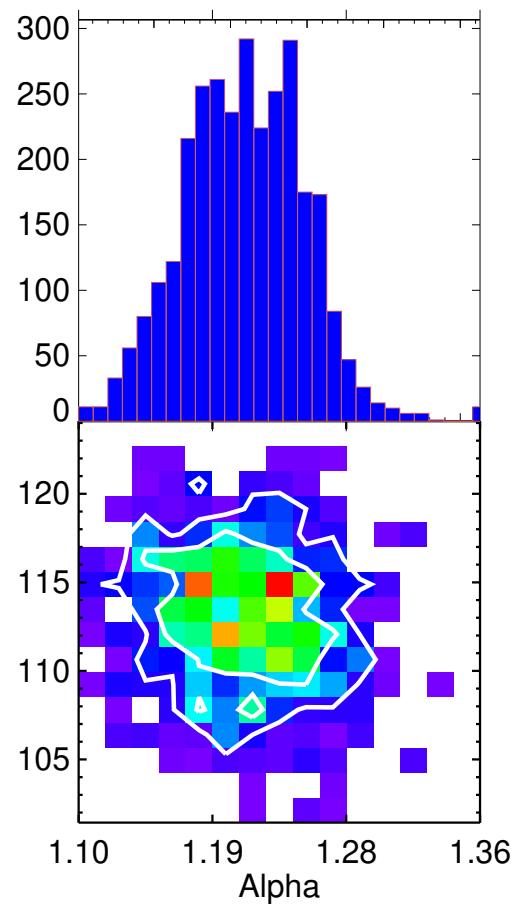


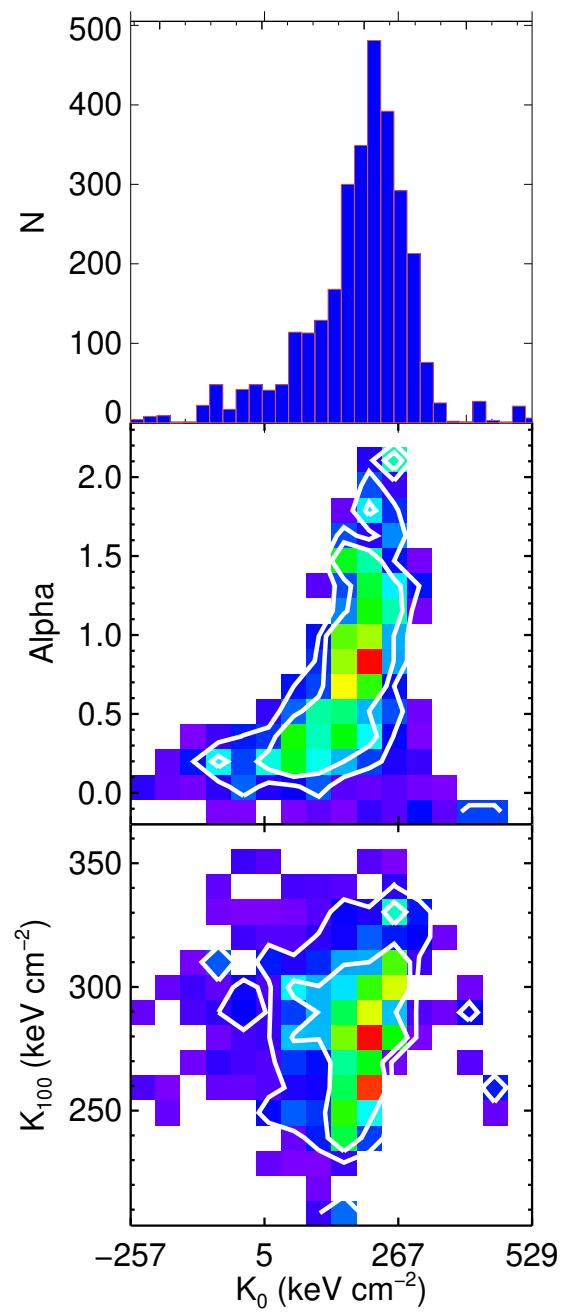
ABELL_1068

Median K_0 (keV cm $^{-2}$) = 7.7+/- 1.0

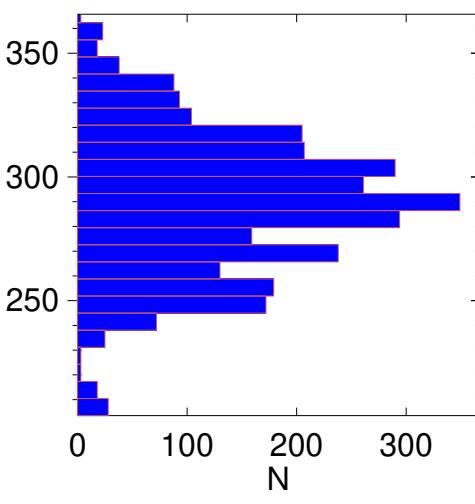
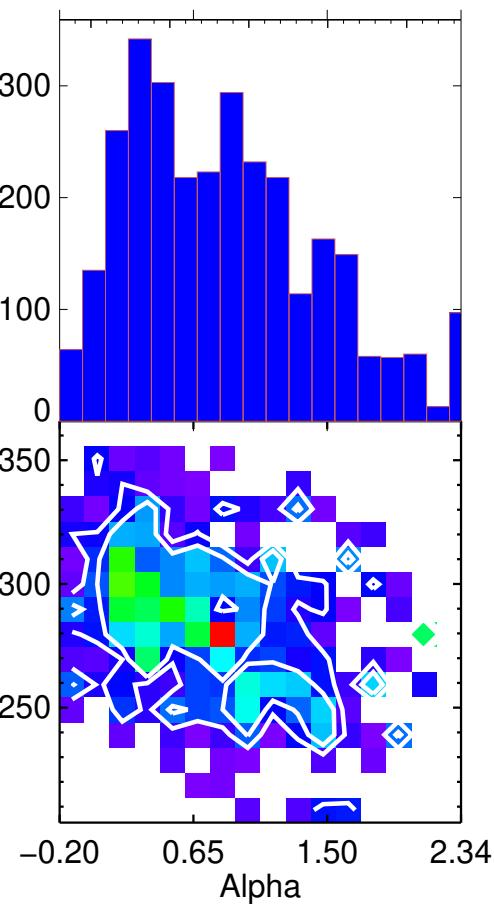
Median K_{100} (keV cm $^{-2}$) = 113.9+/- 3.5

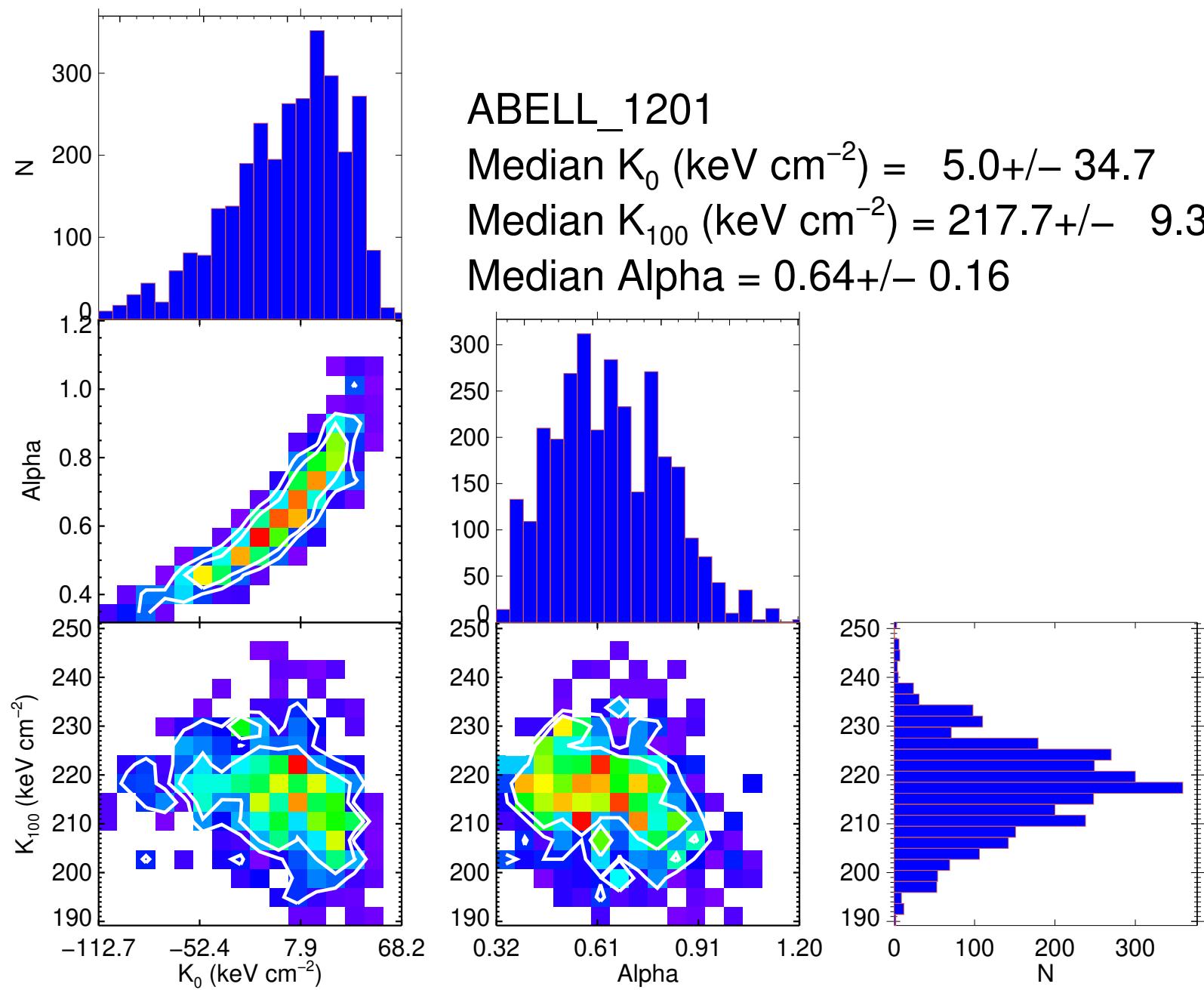
Median Alpha = 1.21+/- 0.04

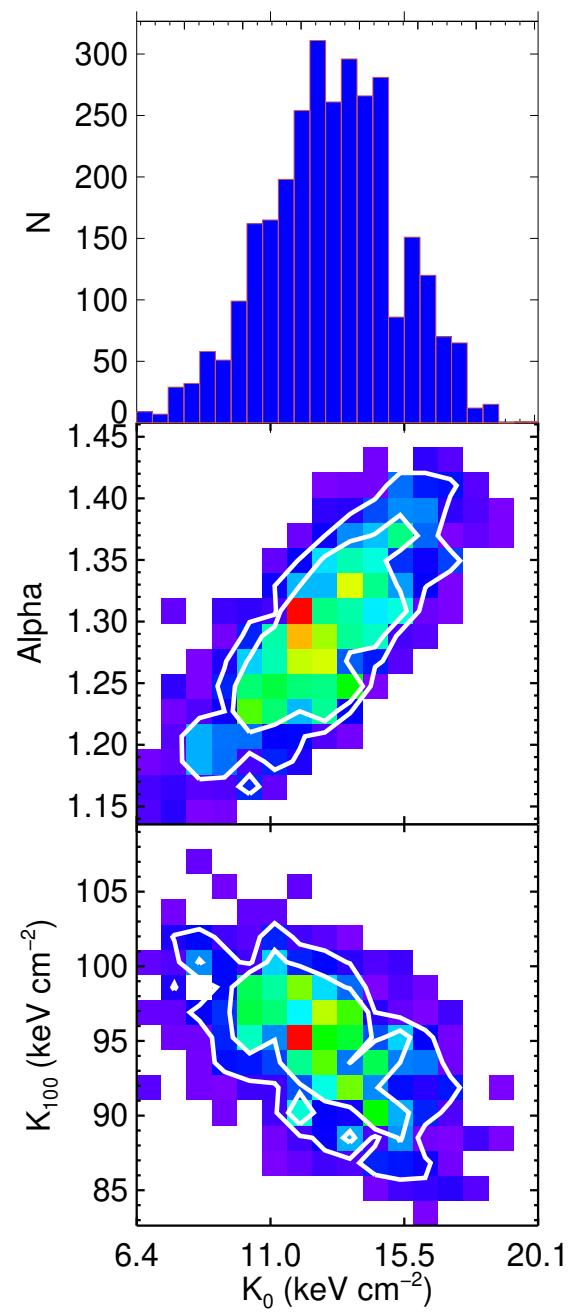




ABELL_1190
Median K_0 (keV cm $^{-2}$) = 210.5 ± 106.1
Median K_{100} (keV cm $^{-2}$) = 289.4 ± 28.4
Median Alpha = 0.80 ± 0.60





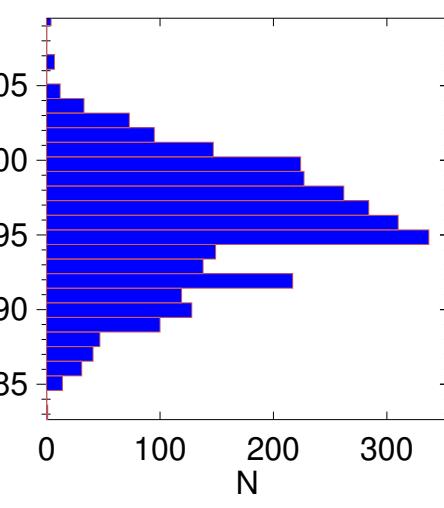
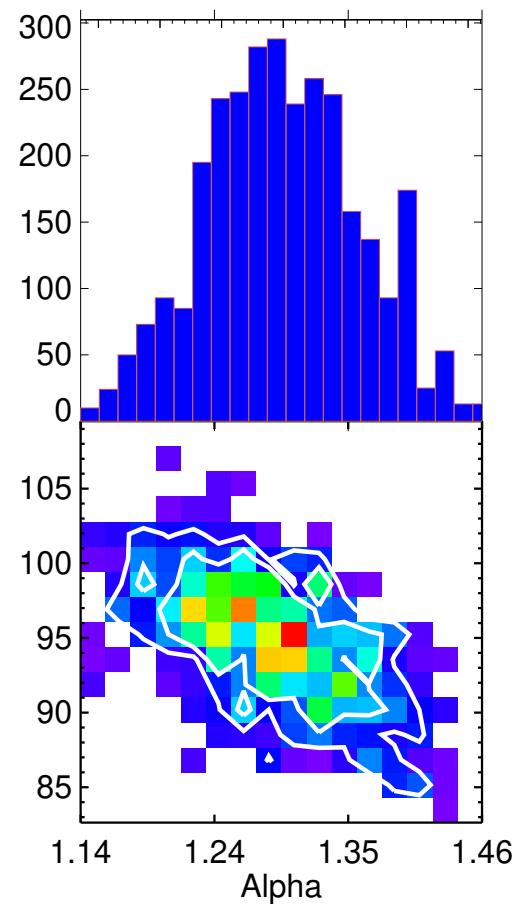


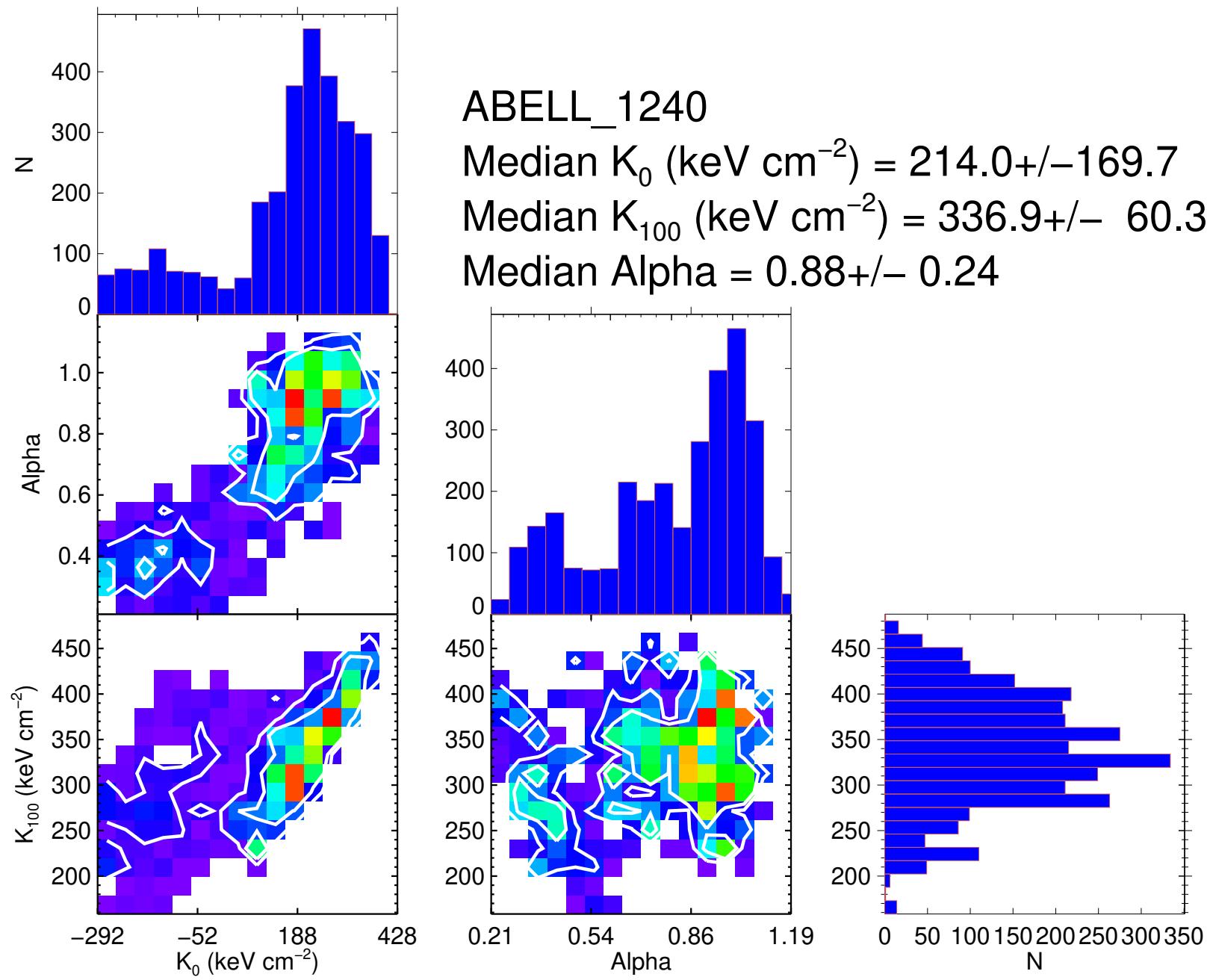
ABELL_1204

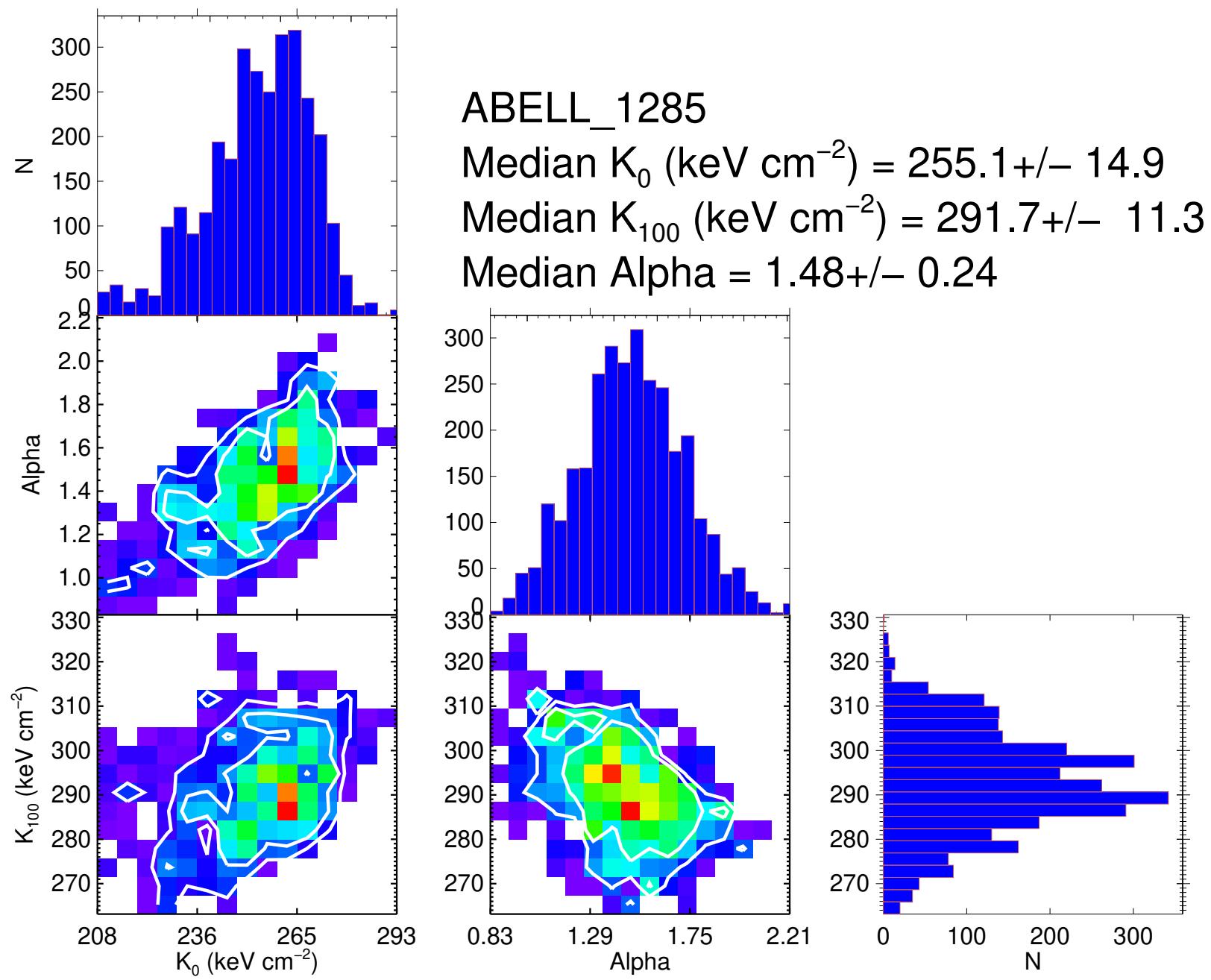
Median $K_0 (\text{keV cm}^{-2}) = 13.1 +/- 2.2$

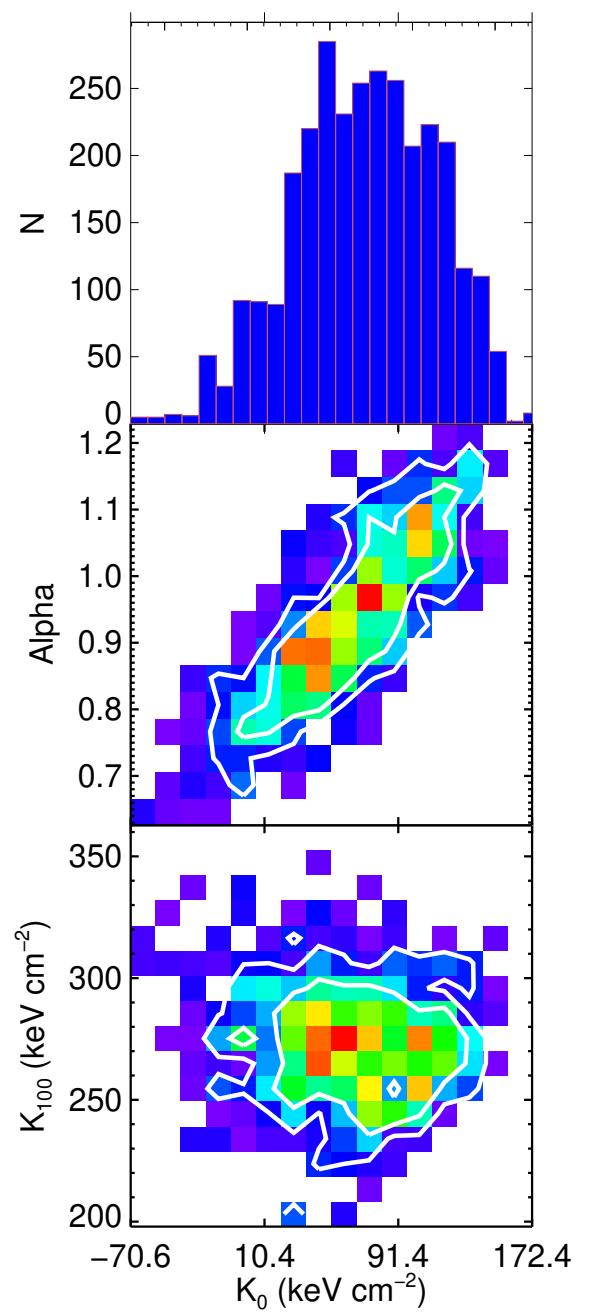
Median $K_{100} (\text{keV cm}^{-2}) = 95.8 +/- 4.0$

Median Alpha = $1.30 +/- 0.06$







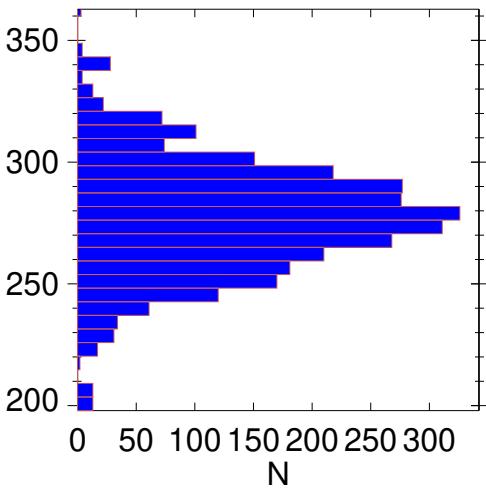
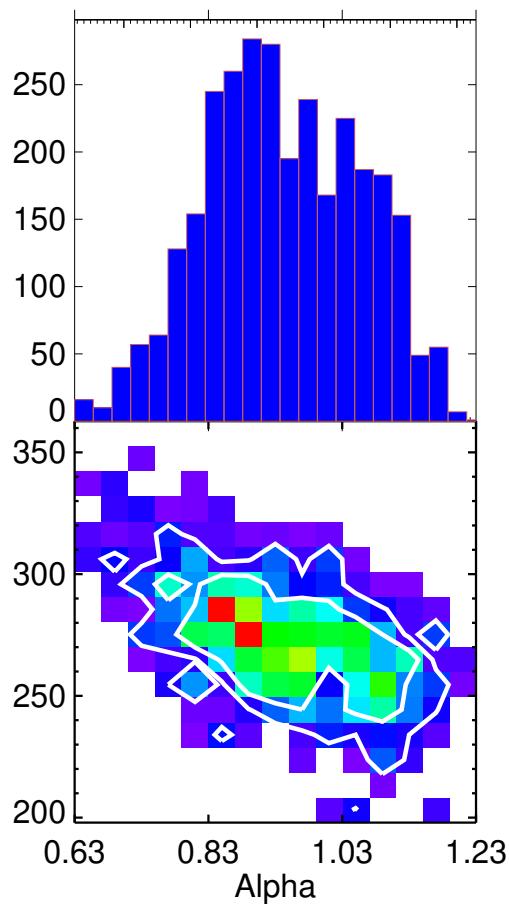


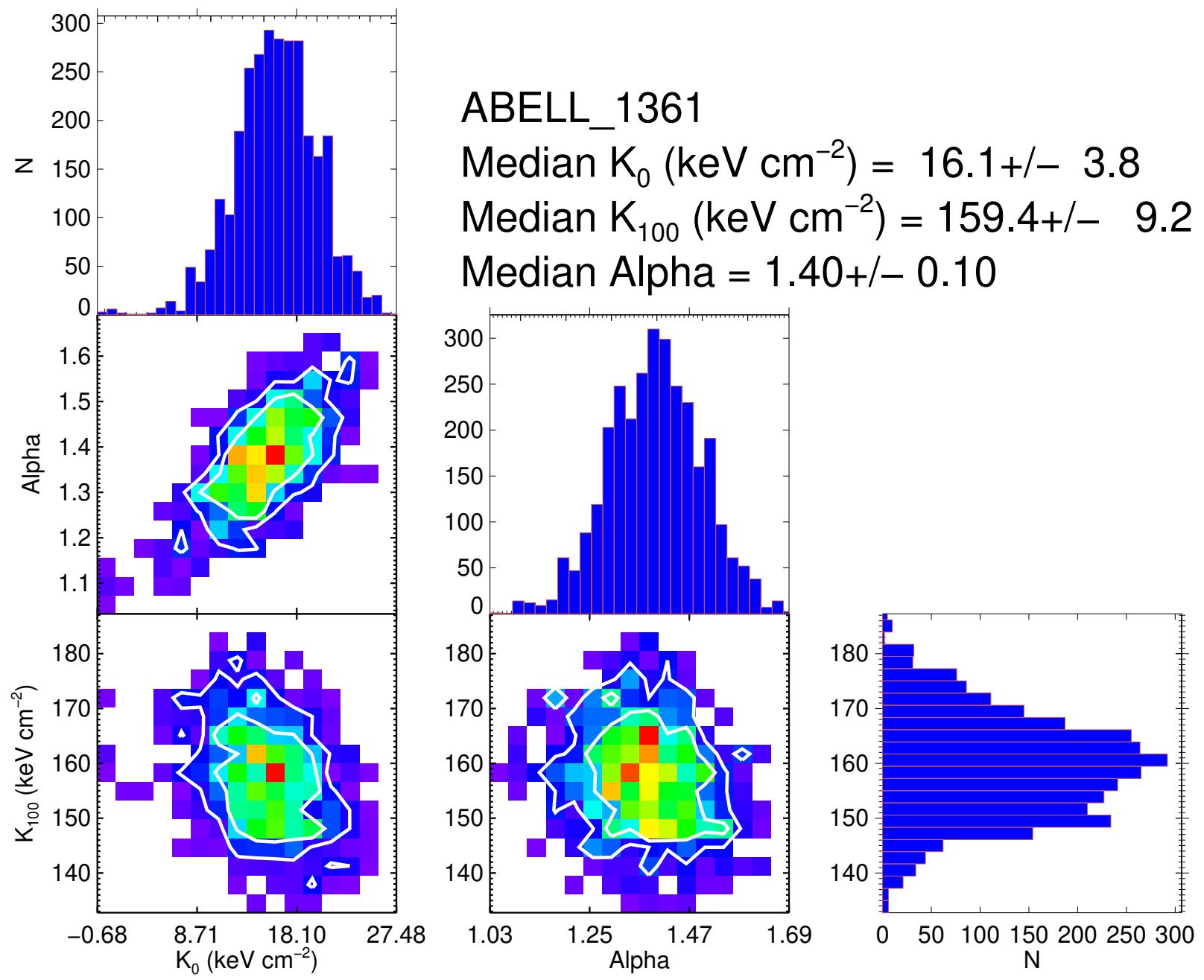
ABELL_1300

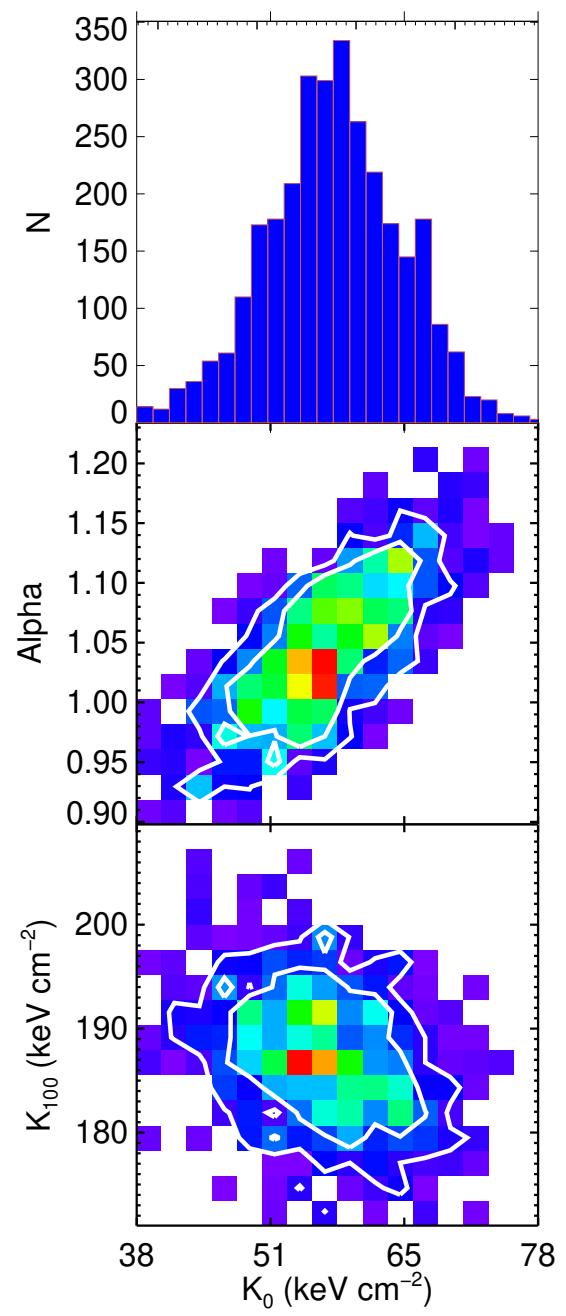
Median K_0 (keV cm^{-2}) = $72.4+/- 42.6$

Median K_{100} (keV cm^{-2}) = $277.1+/- 23.0$

Median Alpha = $0.93+/- 0.12$





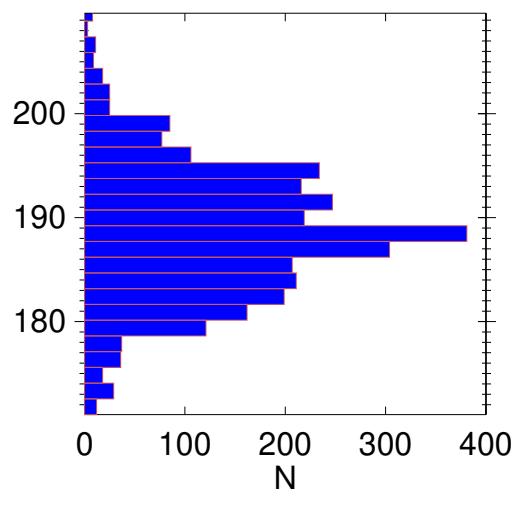
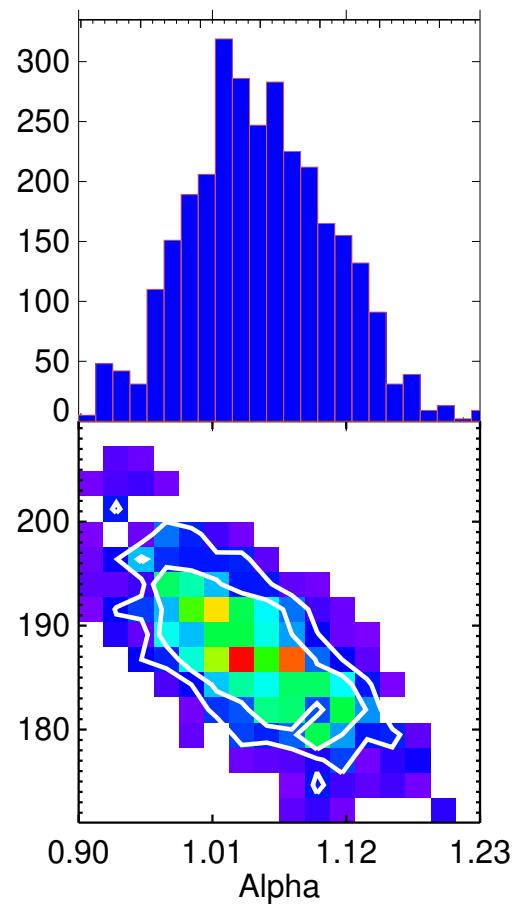


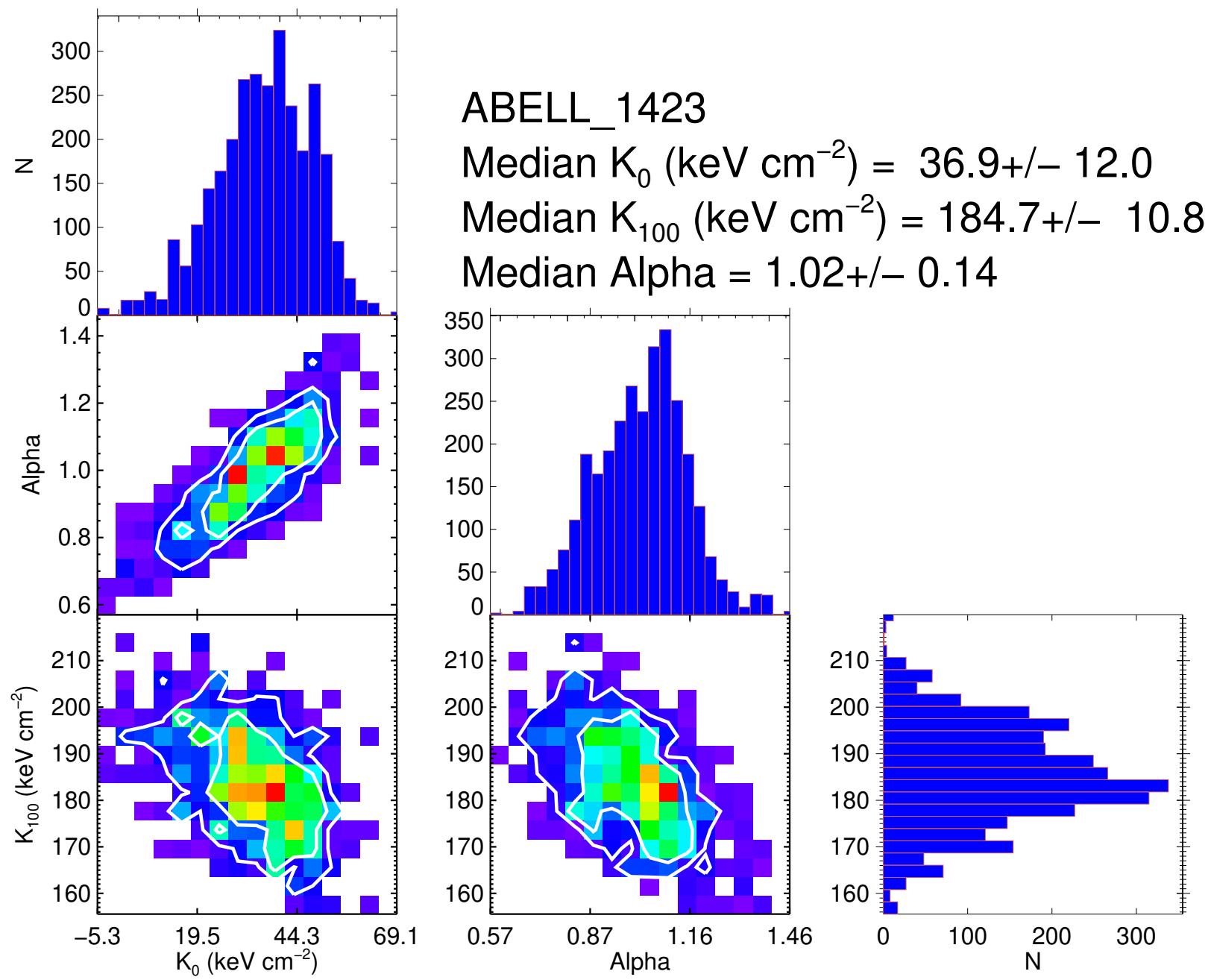
ABELL_1413

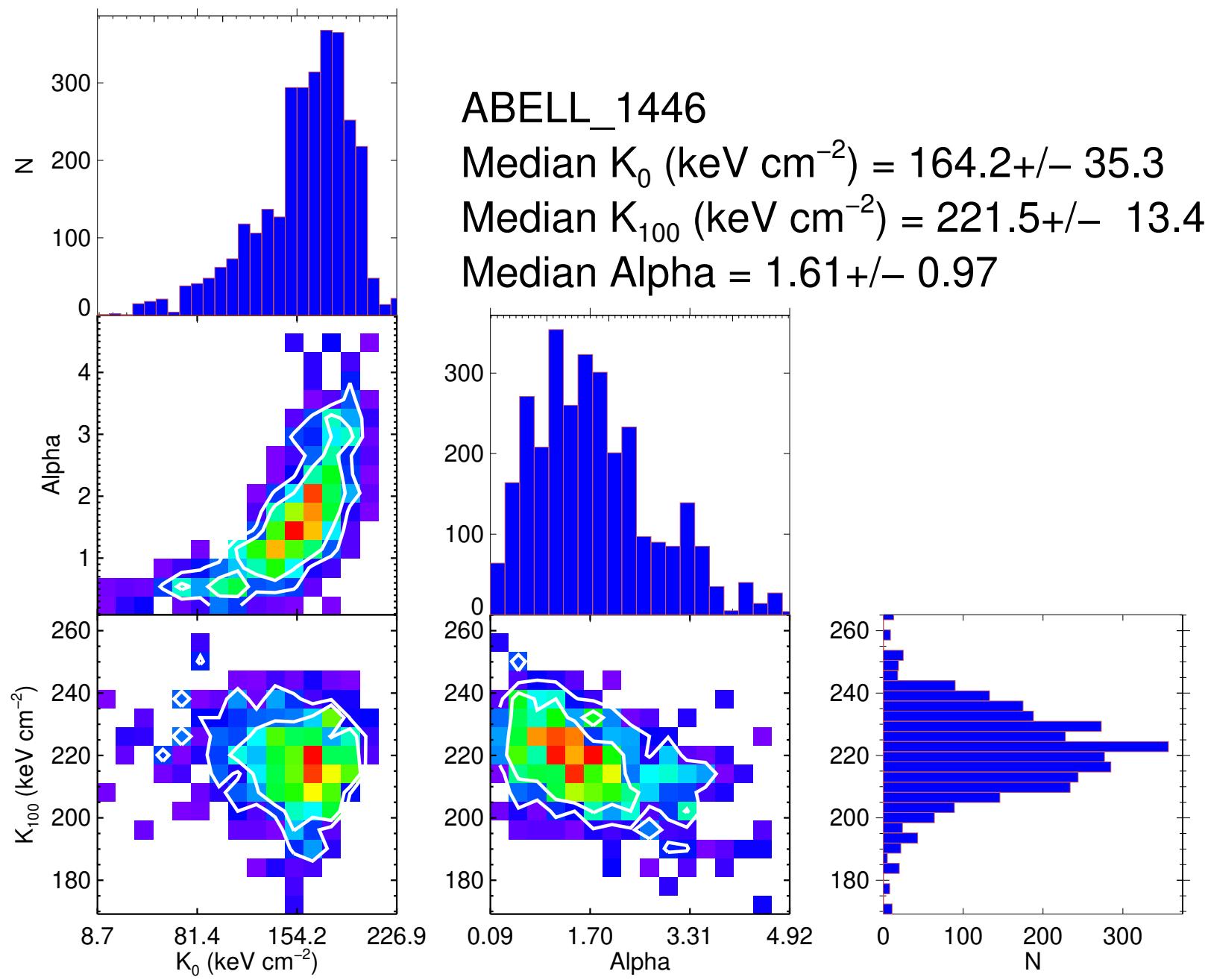
Median K_0 (keV cm $^{-2}$) = 57.8+/- 6.8

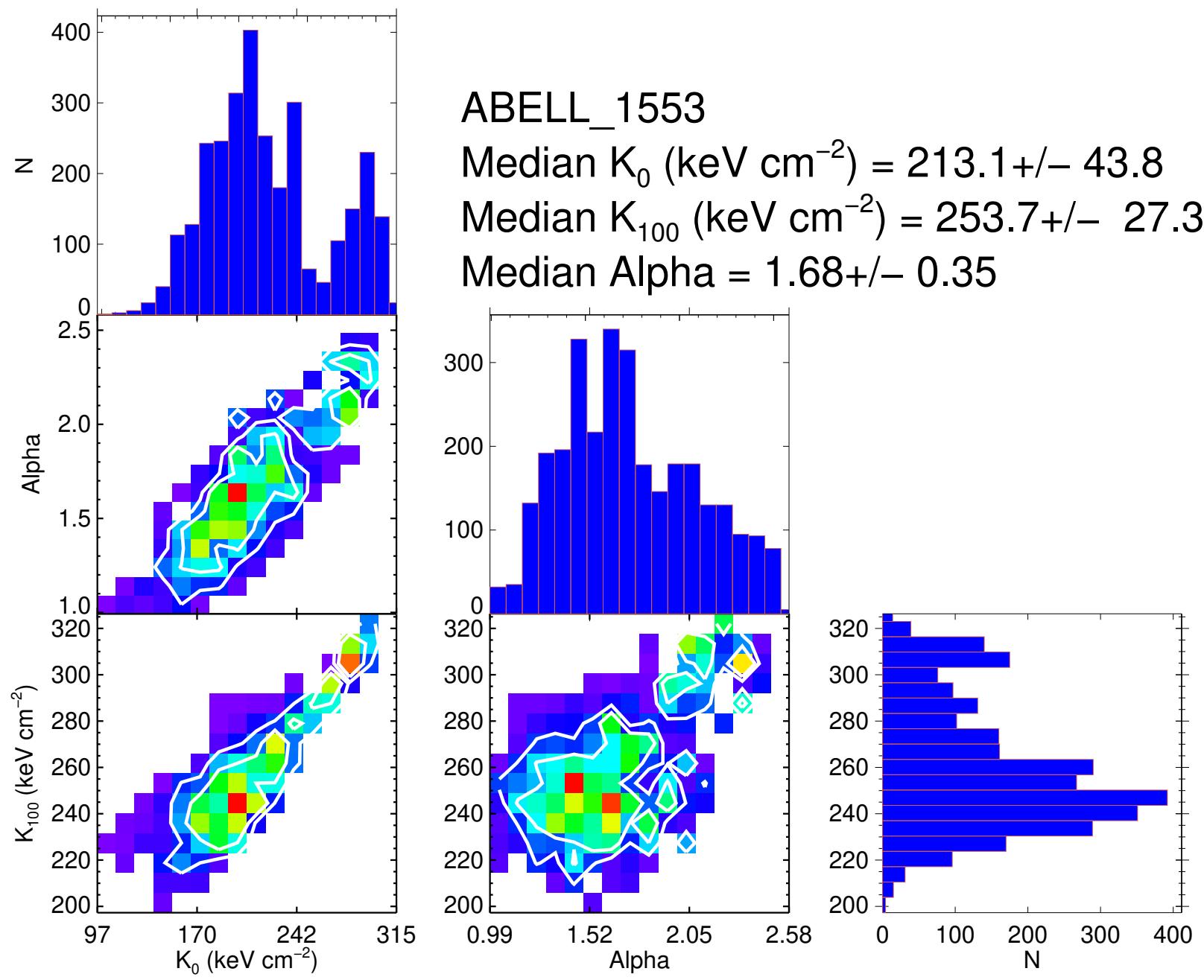
Median K_{100} (keV cm $^{-2}$) = 188.2+/- 6.2

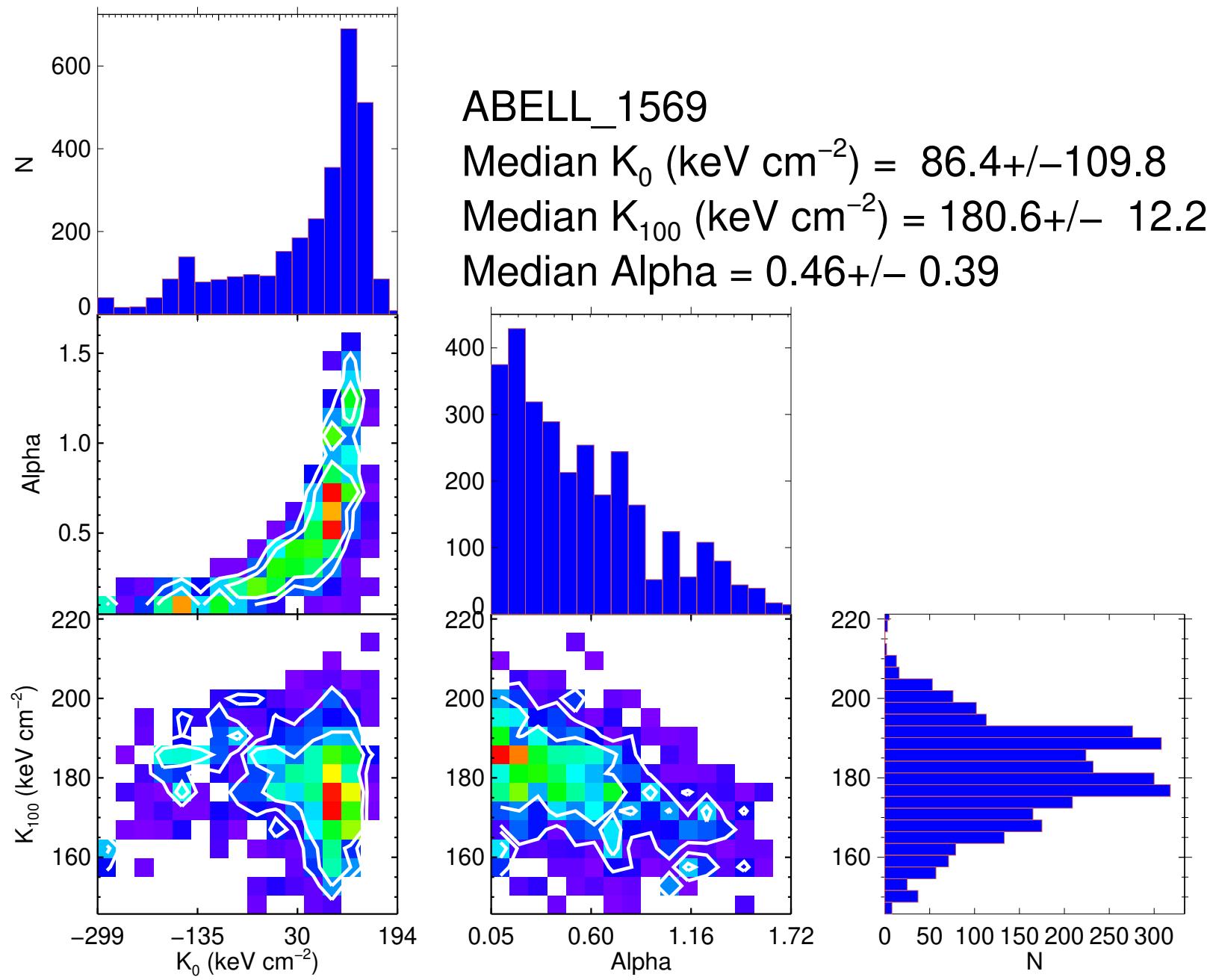
Median Alpha = 1.05+/- 0.06

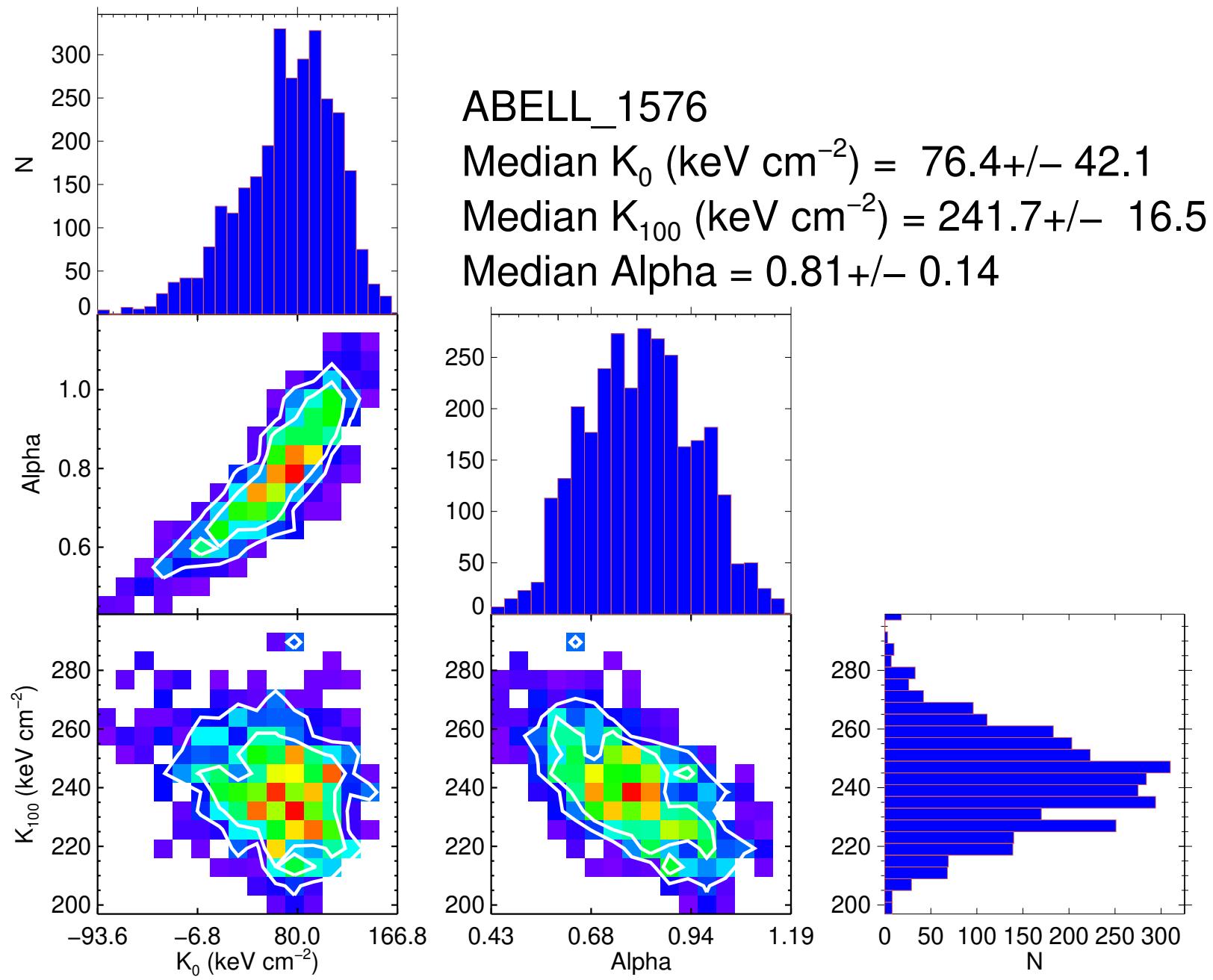


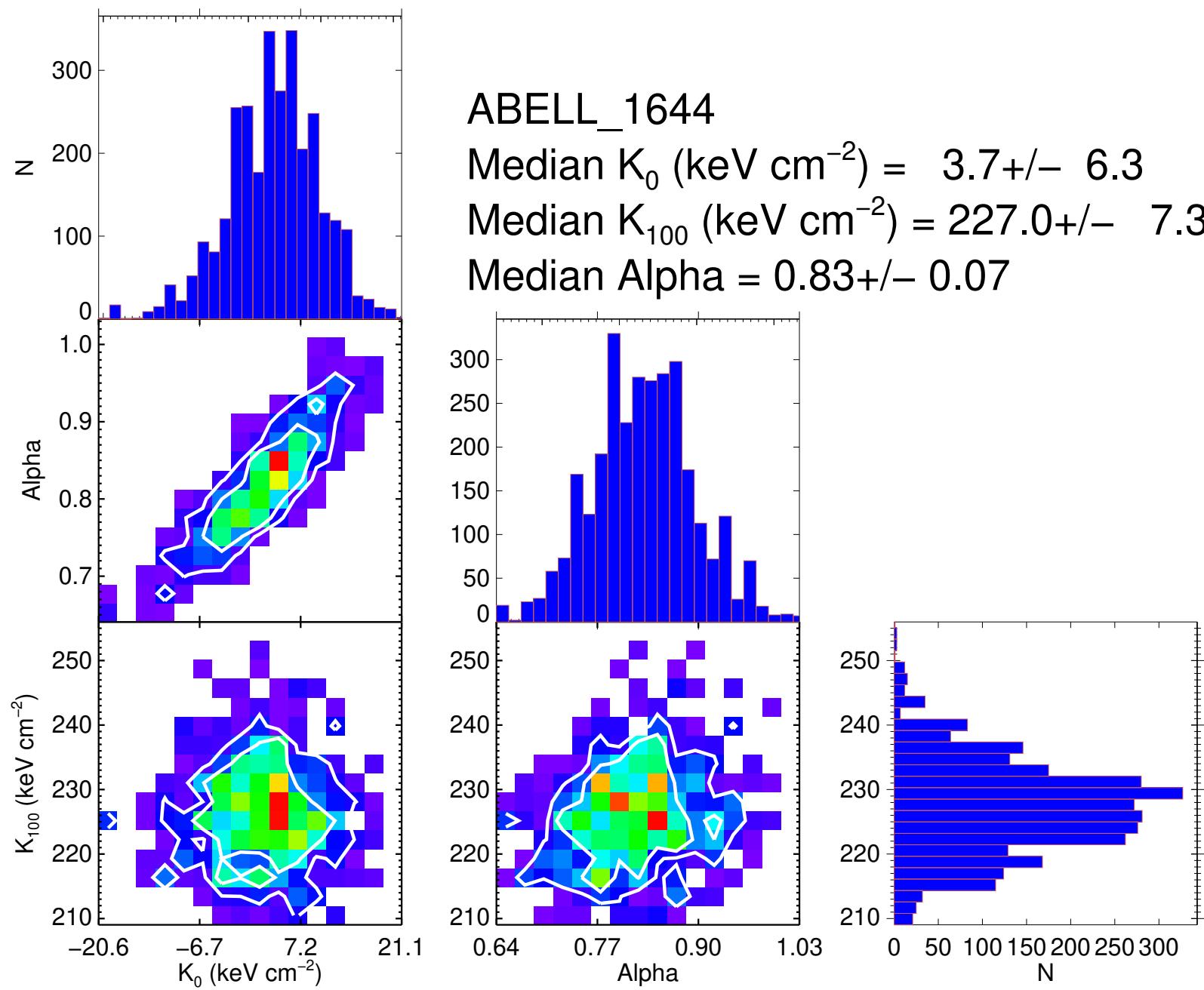


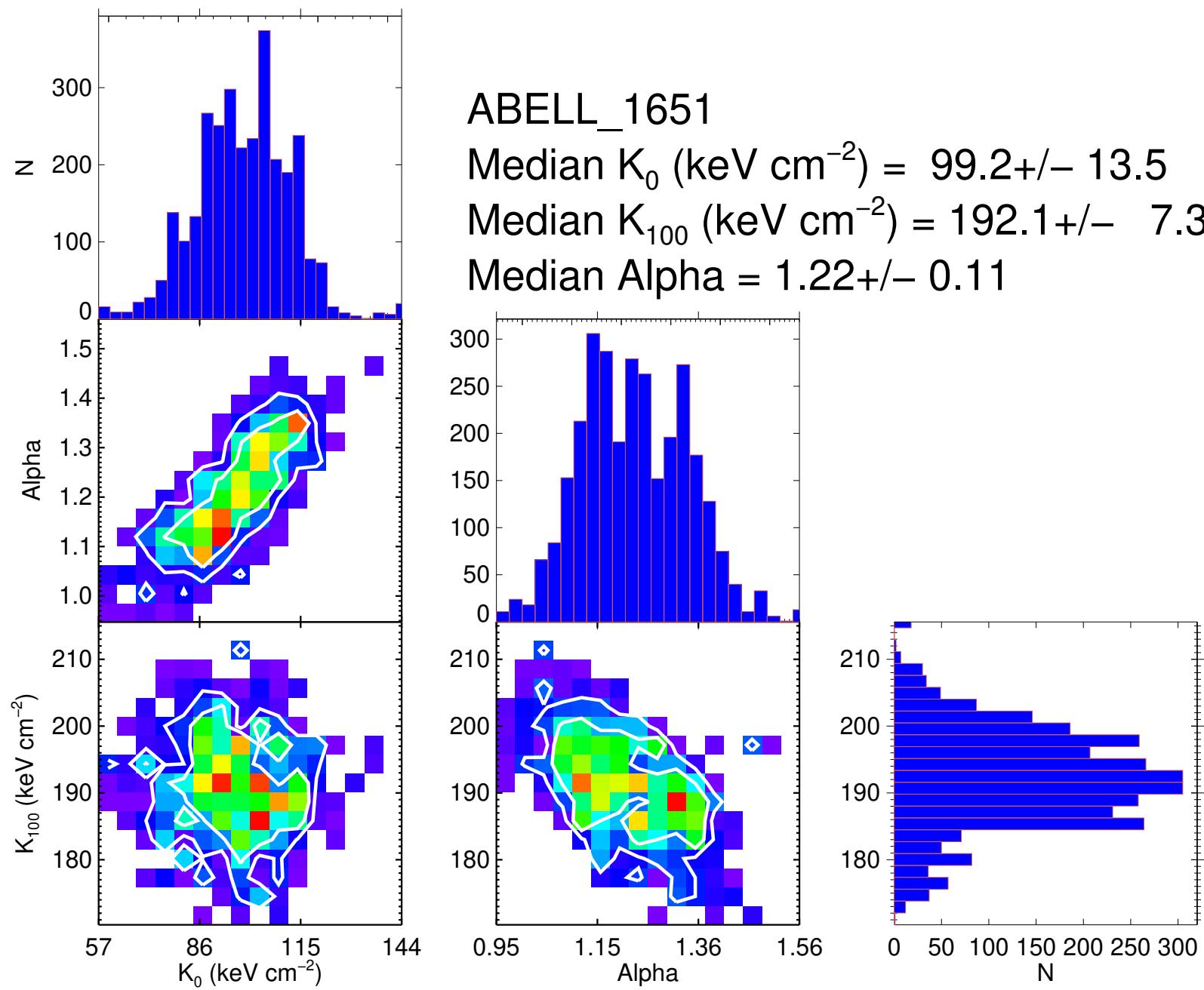


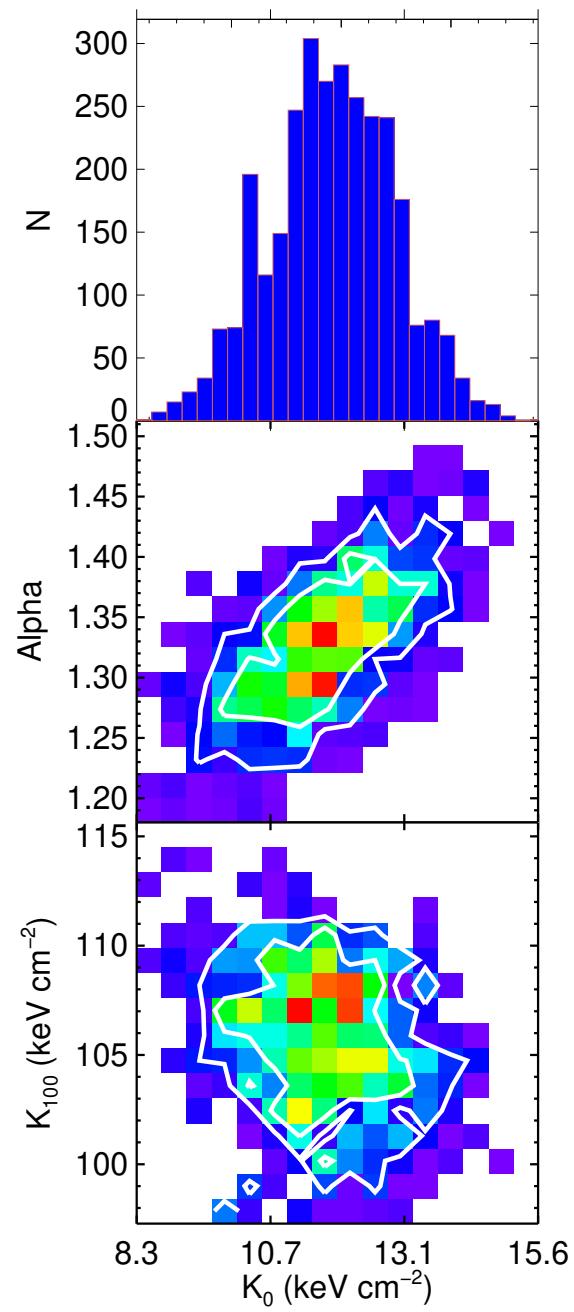




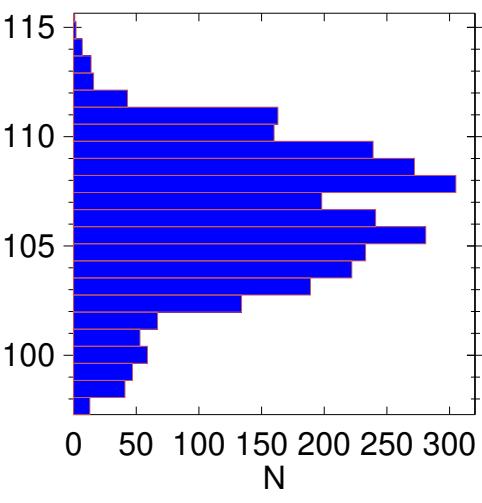
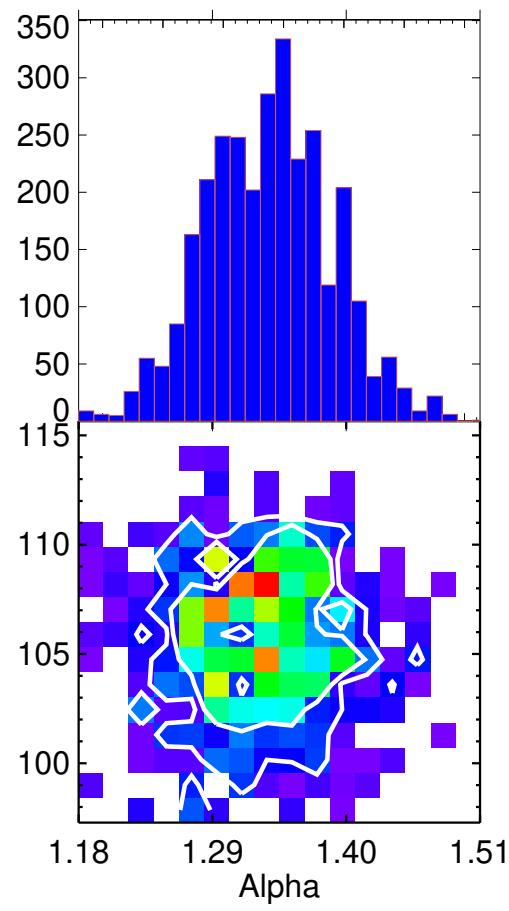


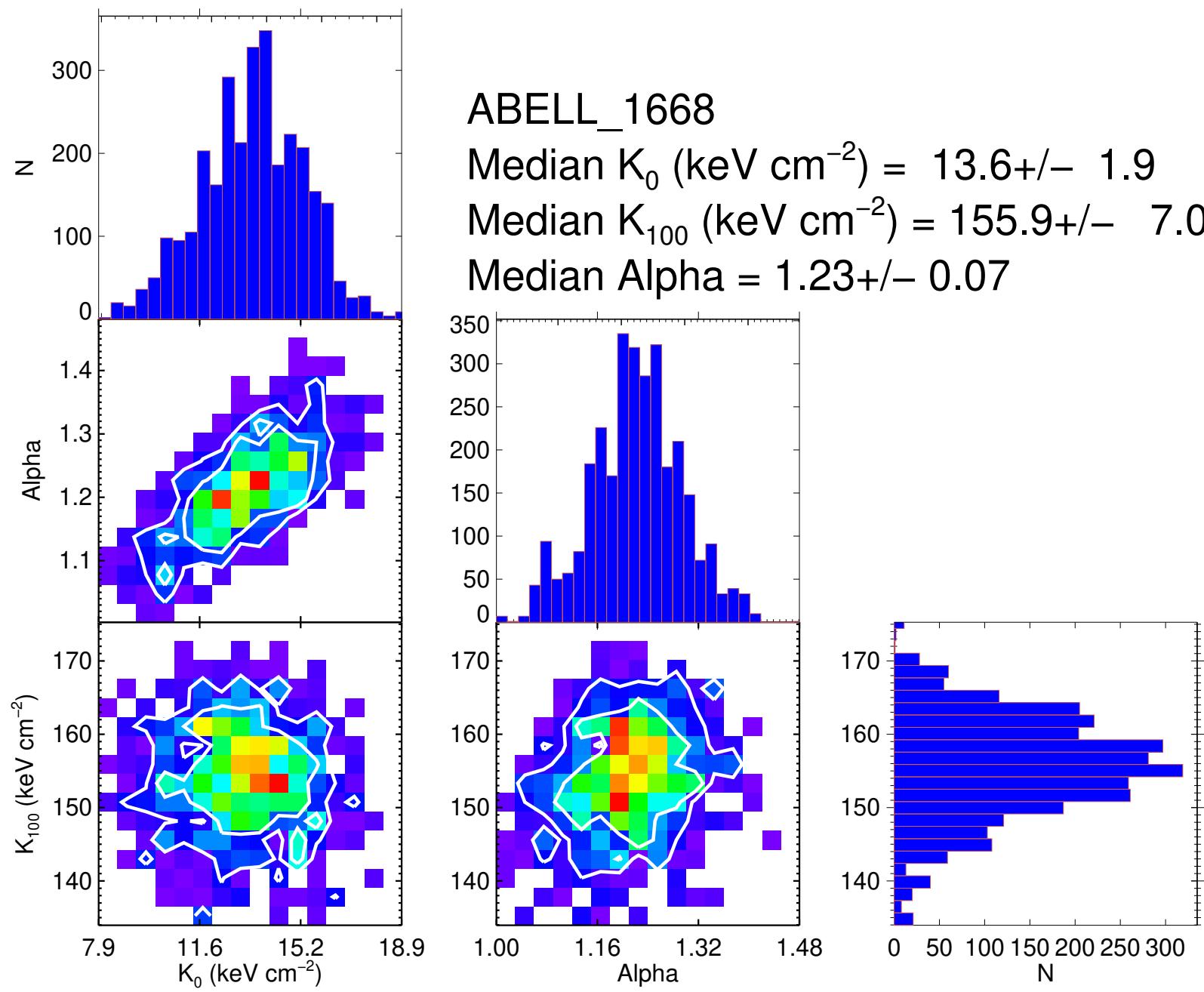


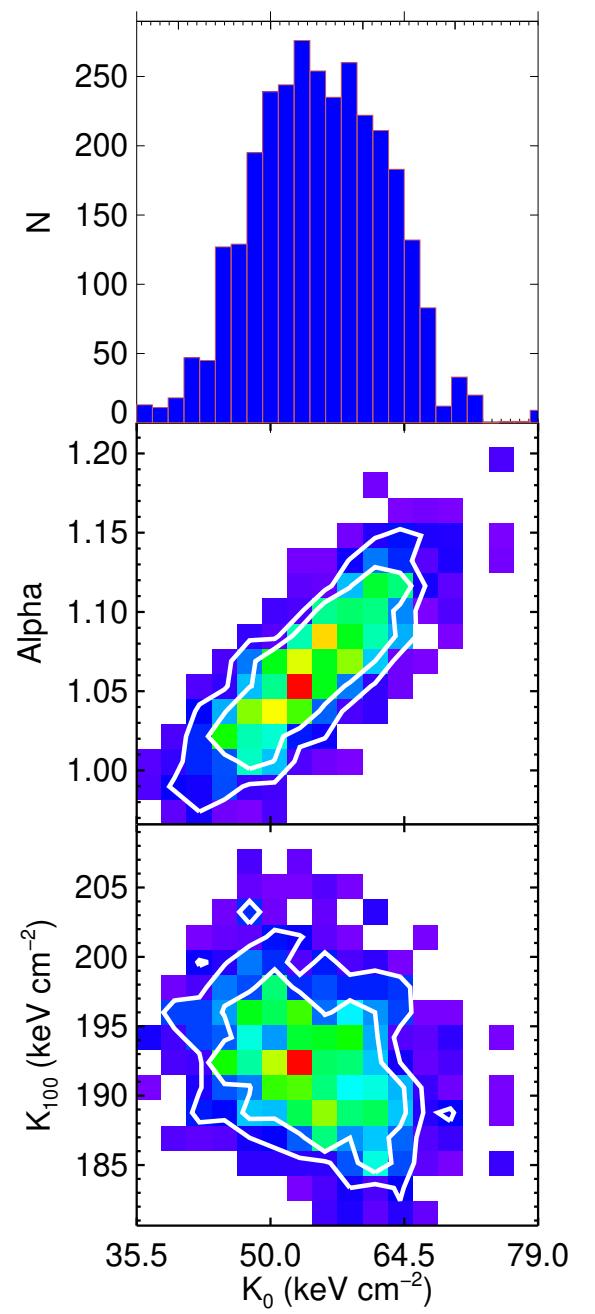




ABELL_1664
 Median K_0 (keV cm $^{-2}$) = $11.8+/- 1.1$
 Median K_{100} (keV cm $^{-2}$) = $106.4+/- 3.2$
 Median Alpha = $1.34+/- 0.05$





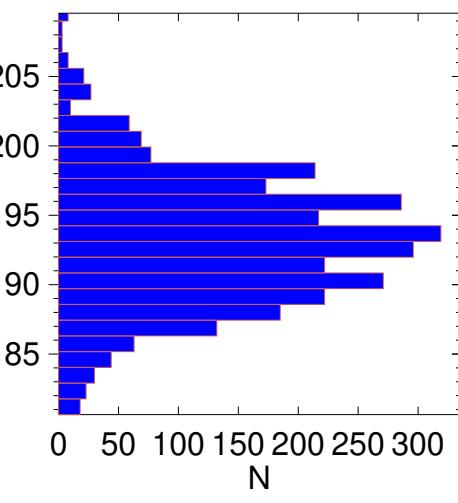
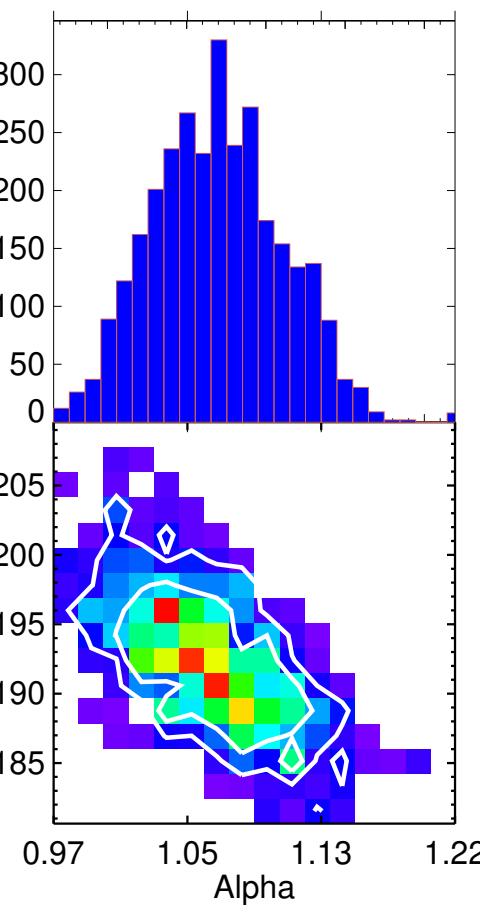


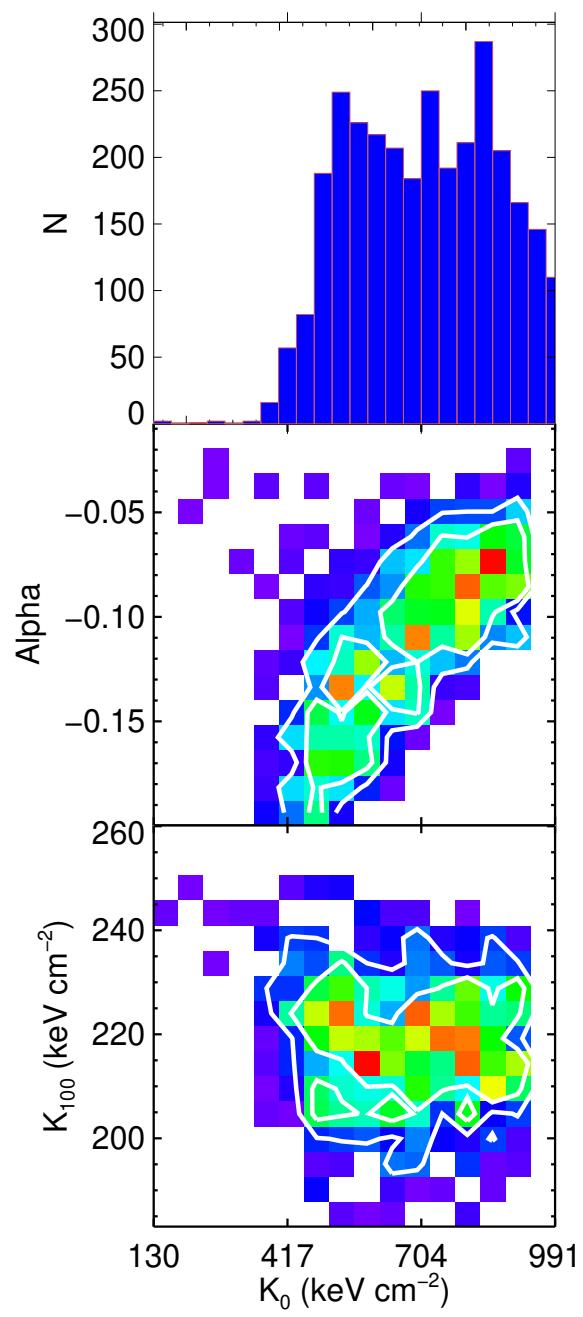
ABELL_1689

Median K_0 (keV cm^{-2}) = 55.1 ± 7.0

Median K_{100} (keV cm^{-2}) = 193.1 ± 4.7

Median Alpha = 1.07 ± 0.04



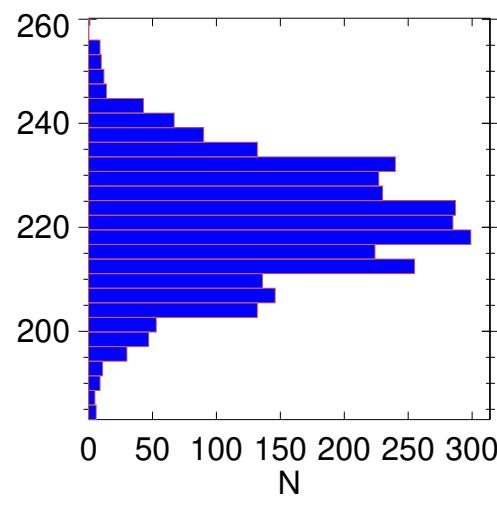
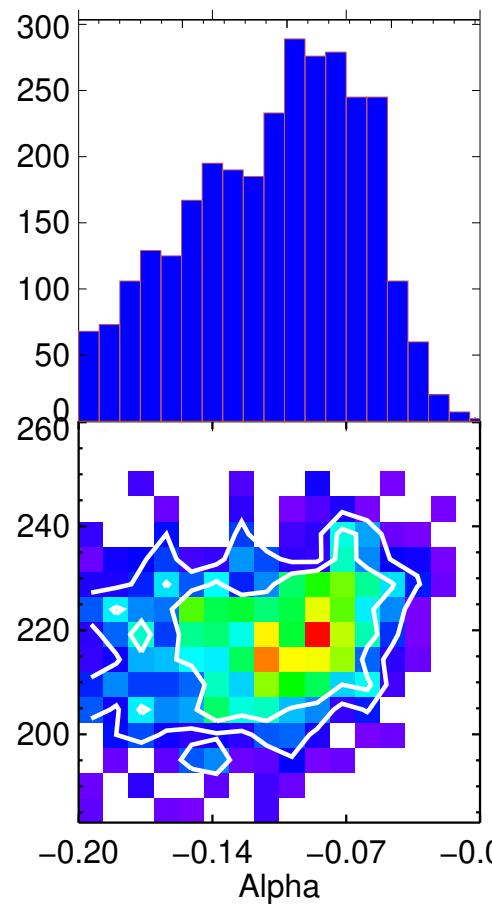


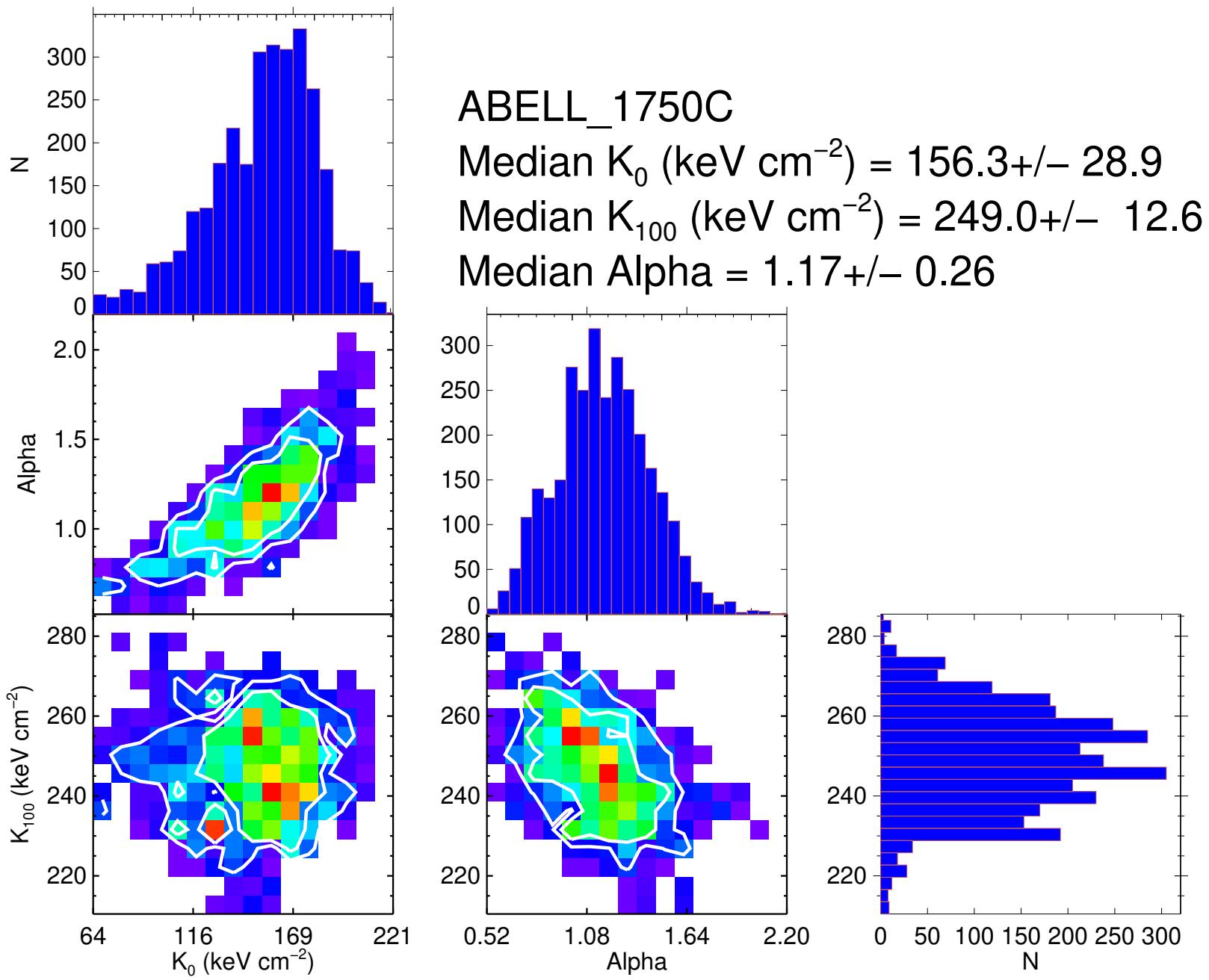
ABELL_1736

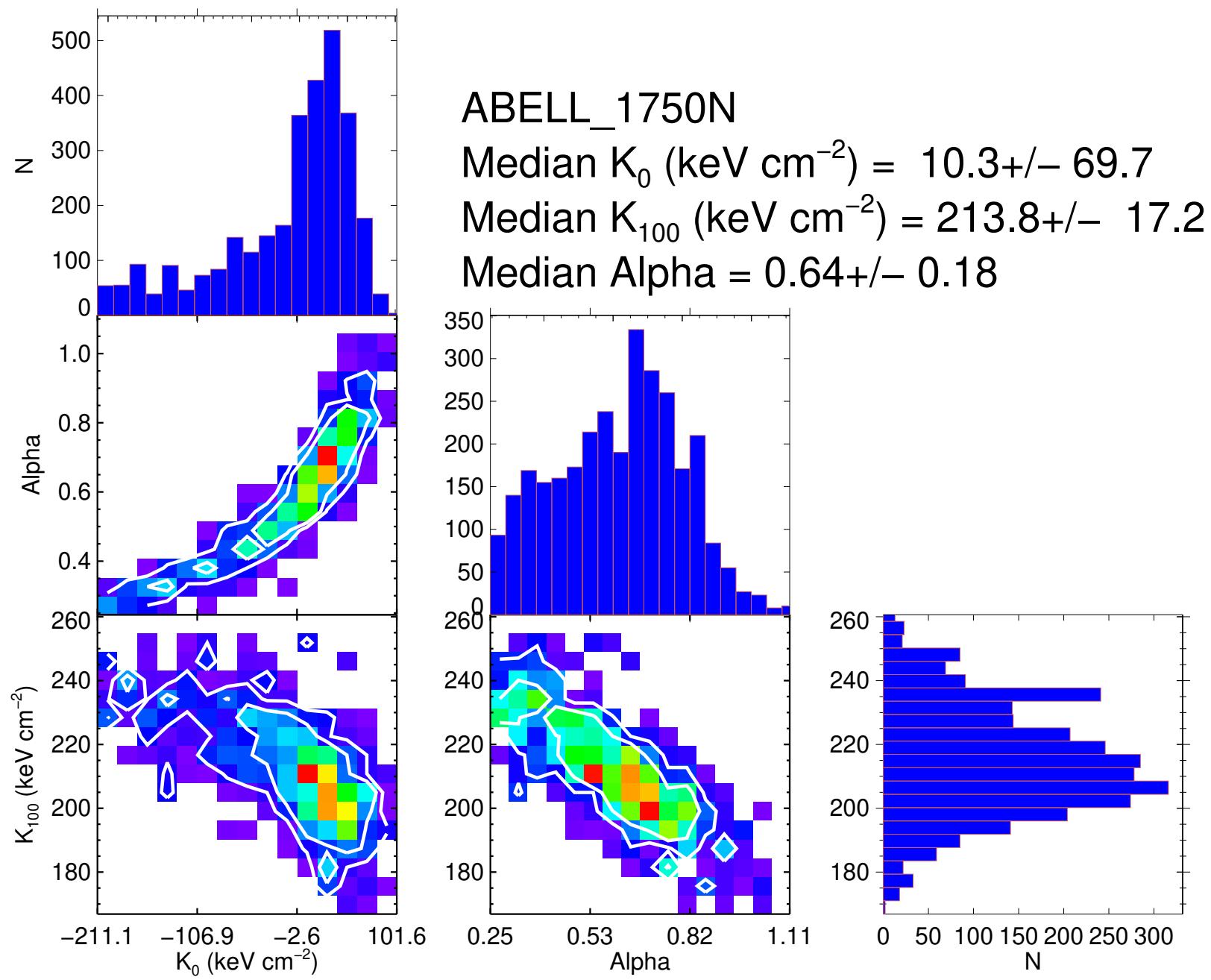
Median K_0 (keV cm $^{-2}$) = 711.3 ± 157.7

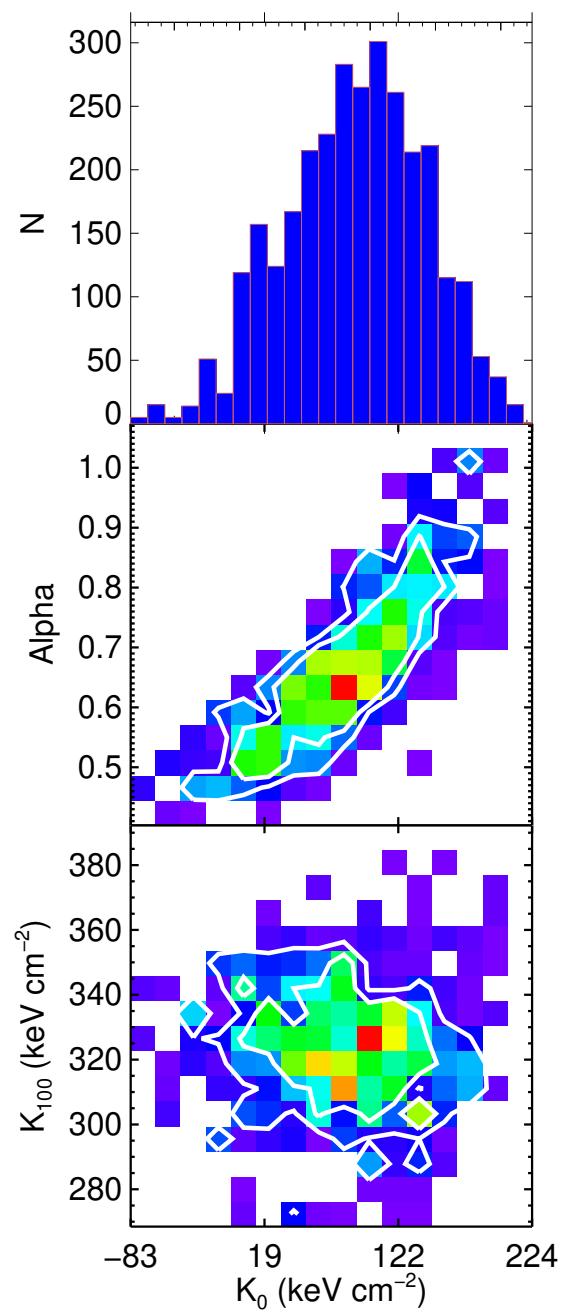
Median K_{100} (keV cm $^{-2}$) = 220.9 ± 11.6

Median Alpha = -0.10 ± 0.04







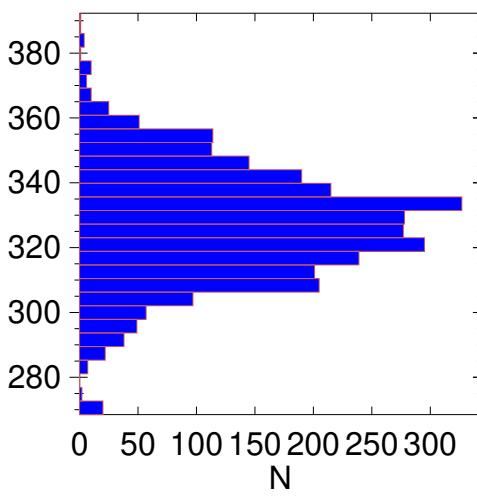
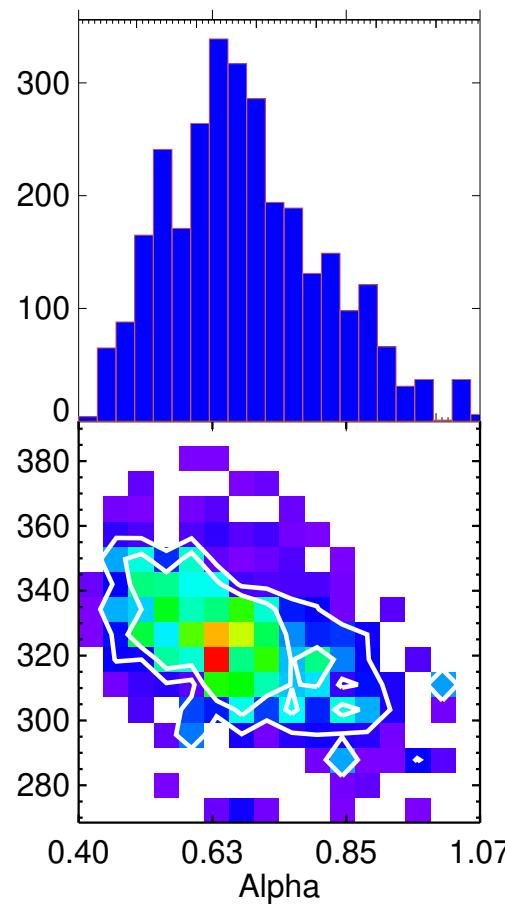


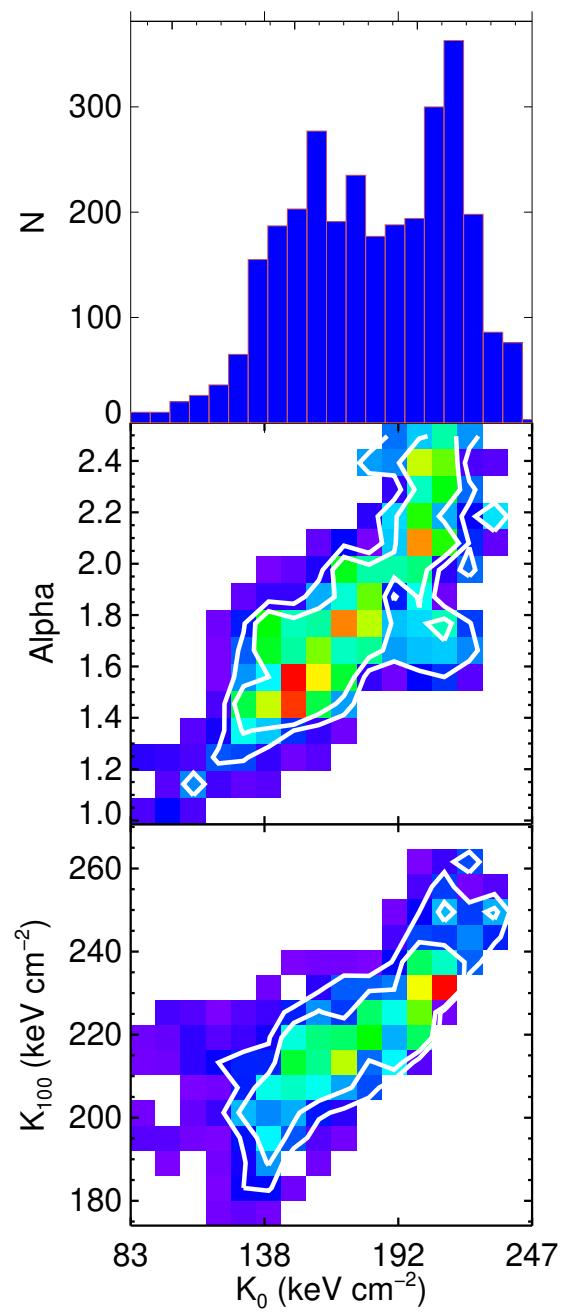
ABELL_1758

Median K_0 (keV cm $^{-2}$) = 92.0+/- 53.9

Median K_{100} (keV cm $^{-2}$) = 327.1+/- 17.3

Median Alpha = 0.67+/- 0.13



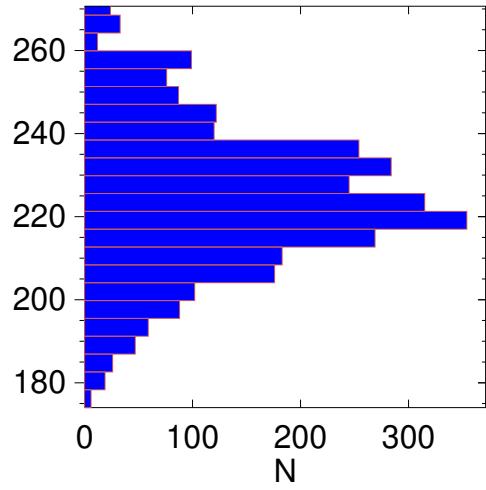
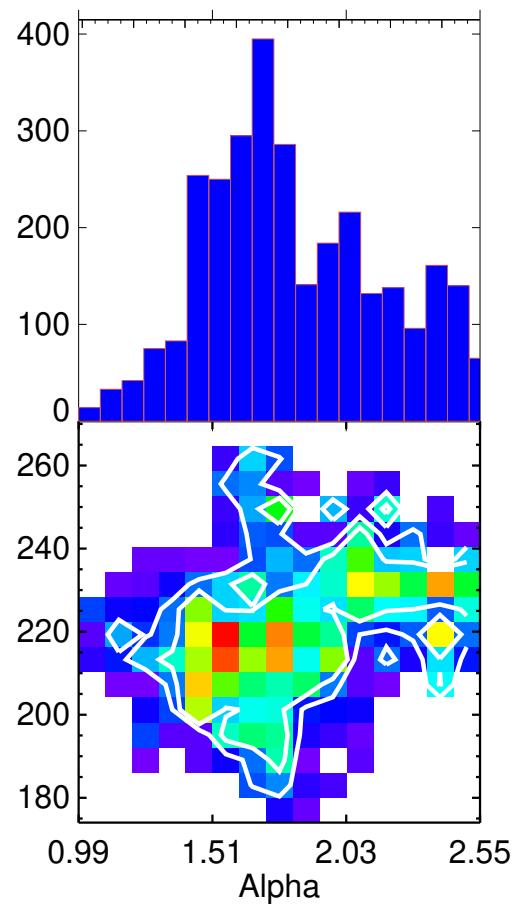


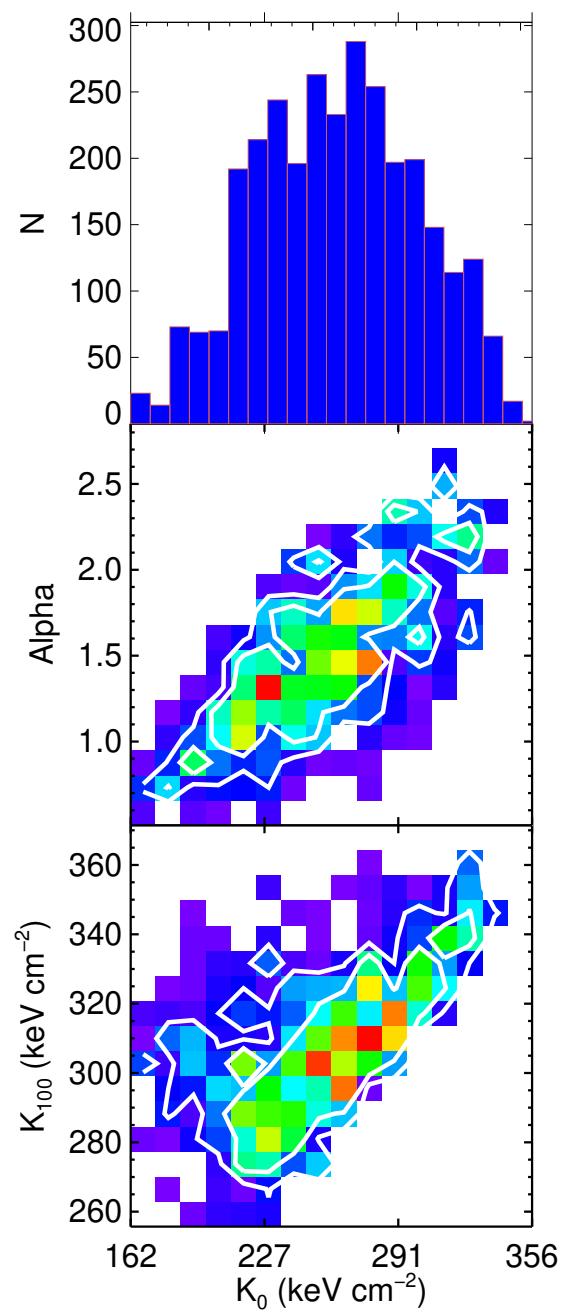
ABELL_1763

Median K_0 (keV cm $^{-2}$) = 182.8 ± 32.9

Median K_{100} (keV cm $^{-2}$) = 223.7 ± 17.7

Median Alpha = 1.76 ± 0.35



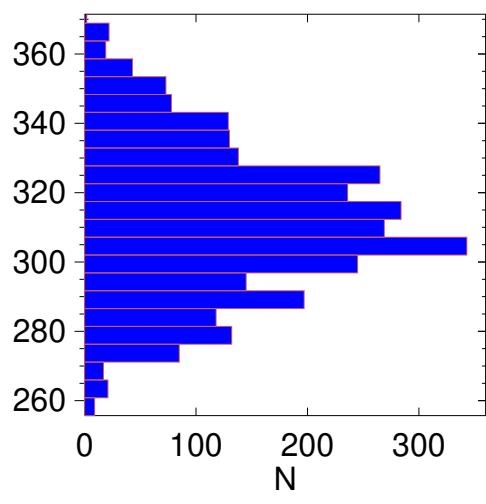
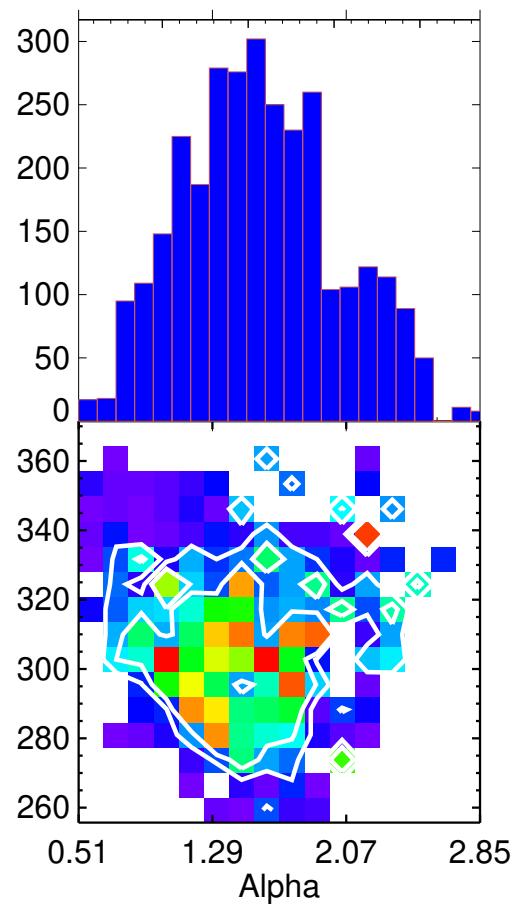


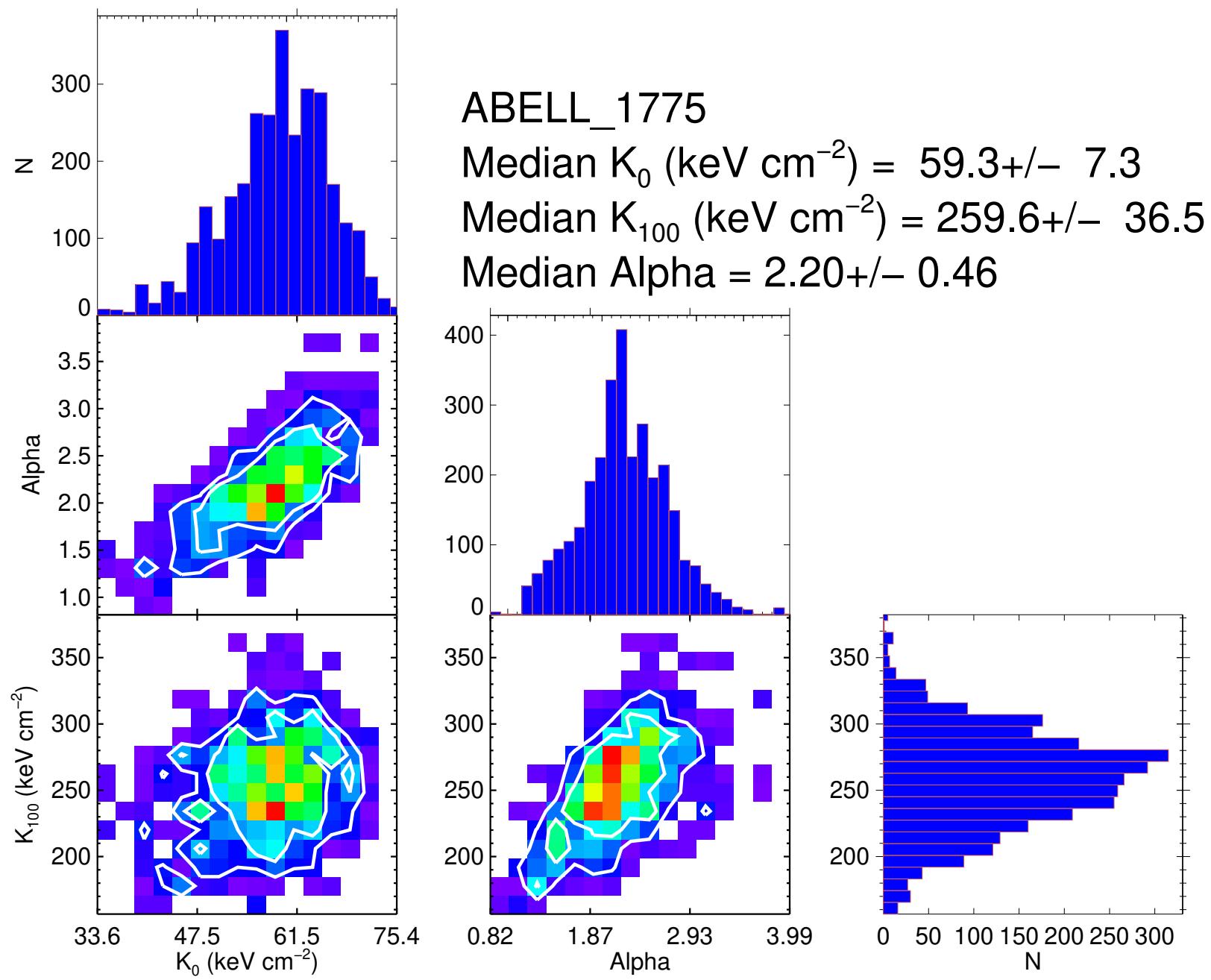
ABELL_1767

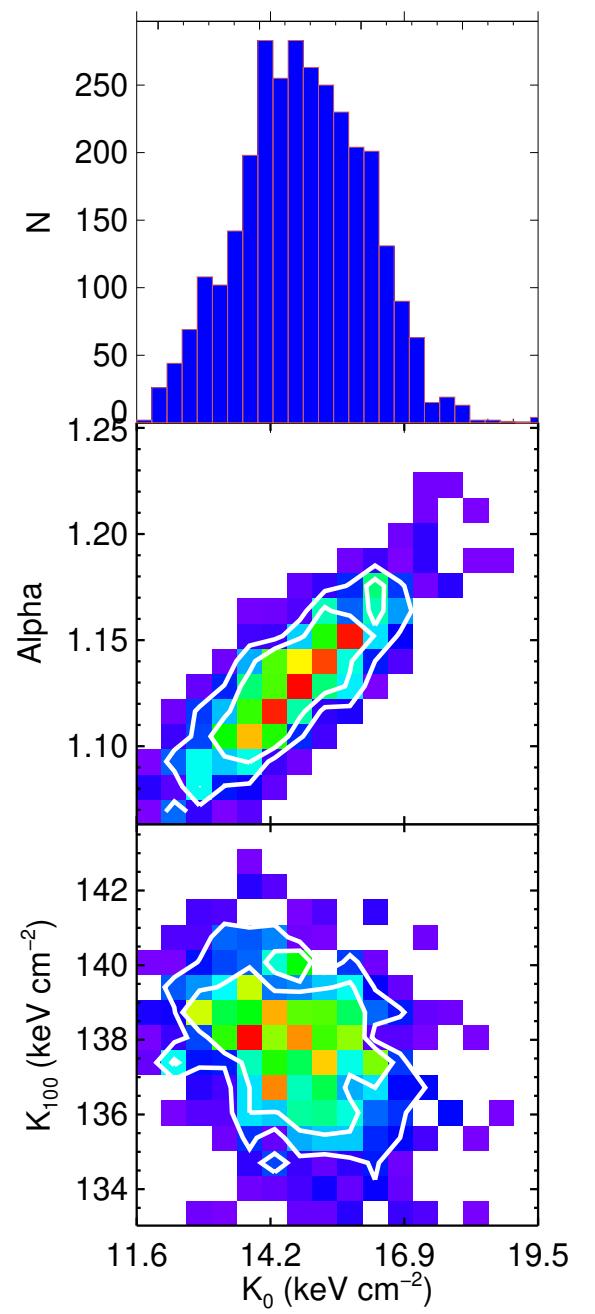
Median K_0 (keV cm^{-2}) = 262.5 ± 38.9

Median K_{100} (keV cm^{-2}) = 311.5 ± 21.2

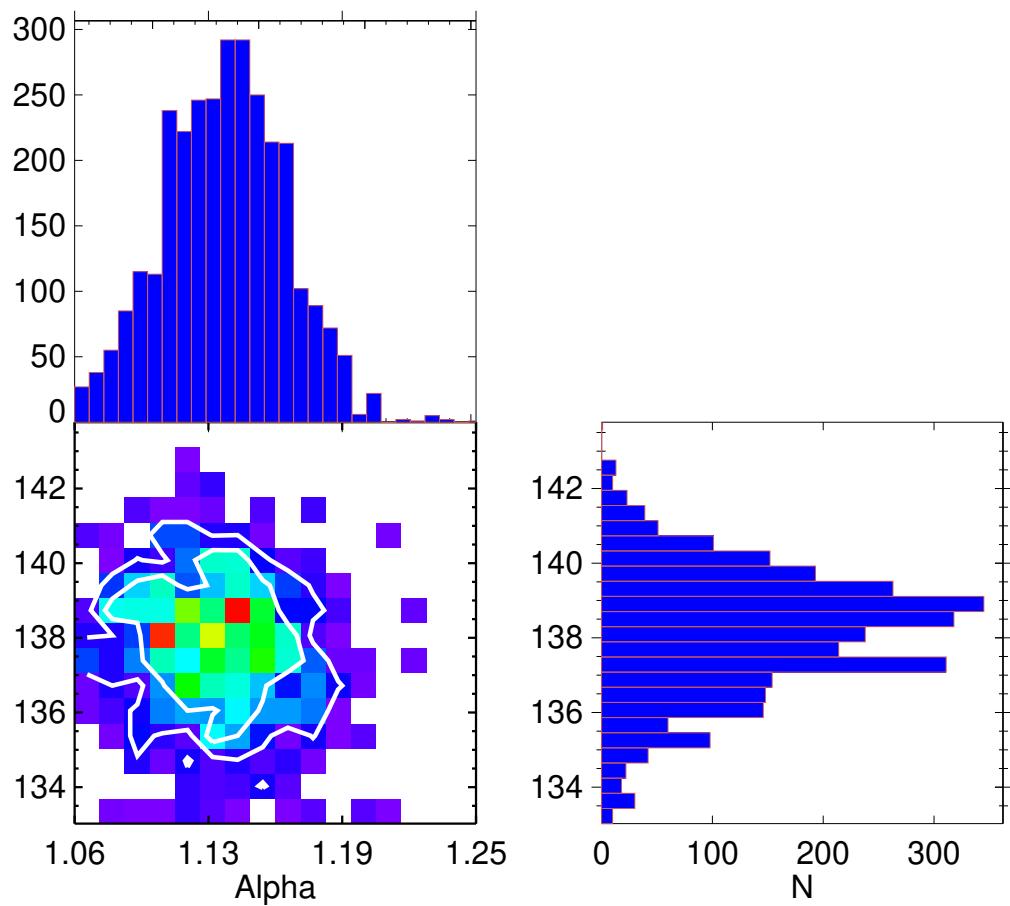
Median Alpha = 1.54 ± 0.45

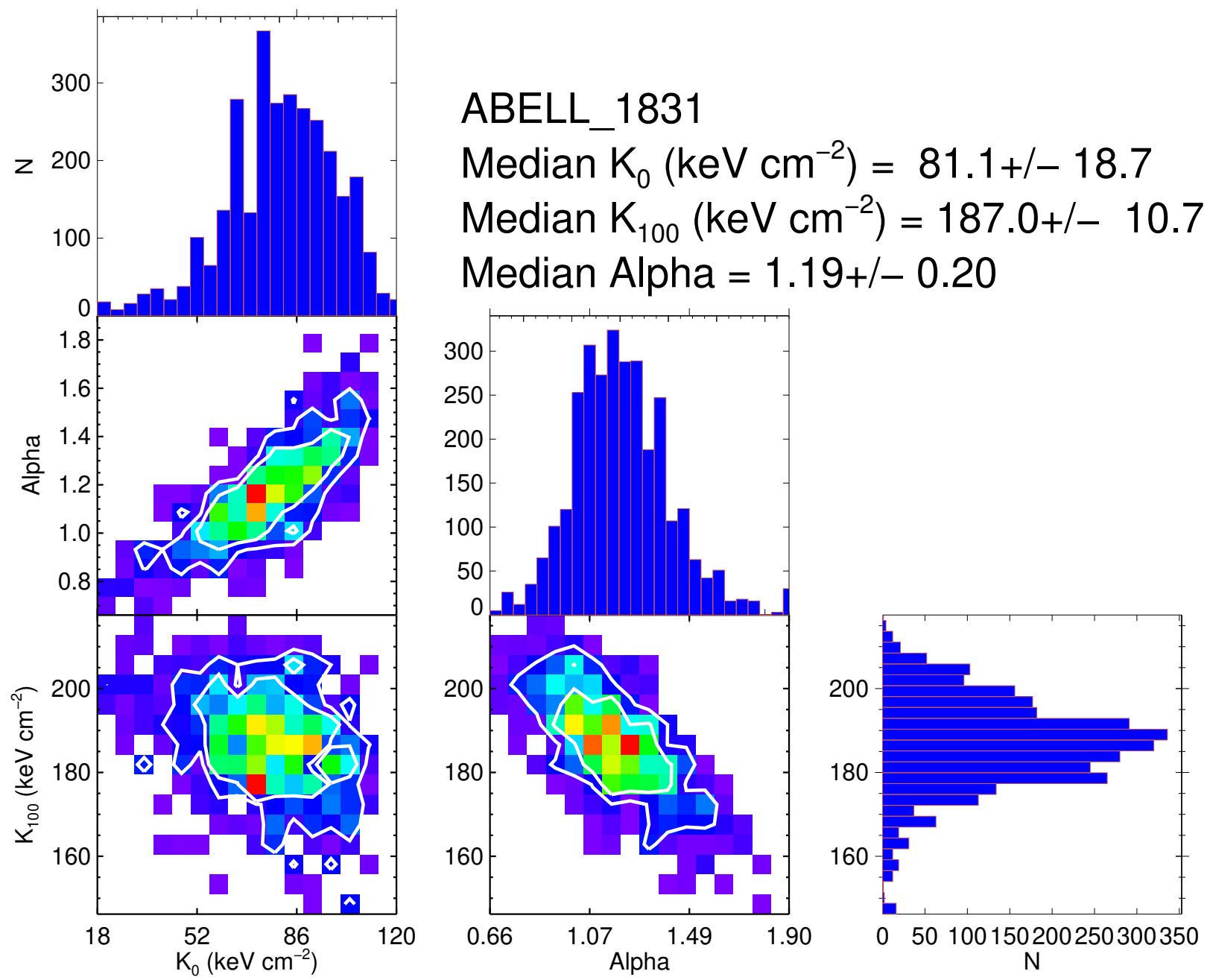


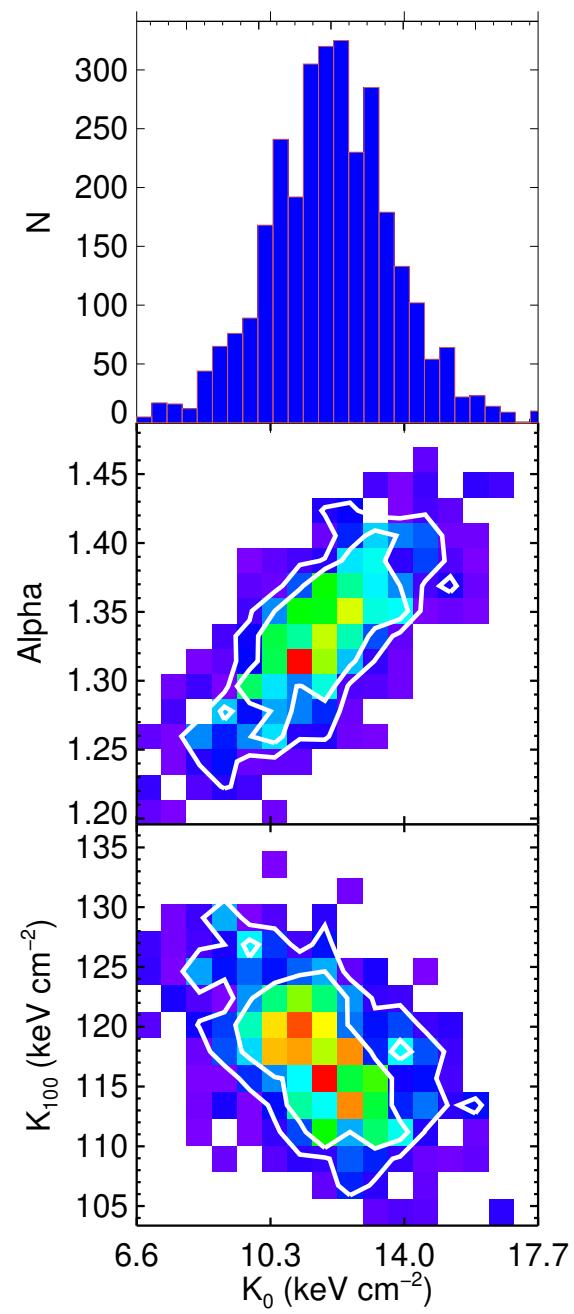




ABELL_1795
 Median K_0 (keV cm $^{-2}$) = $14.9+/- 1.2$
 Median K_{100} (keV cm $^{-2}$) = $138.3+/- 1.7$
 Median Alpha = $1.13+/- 0.03$





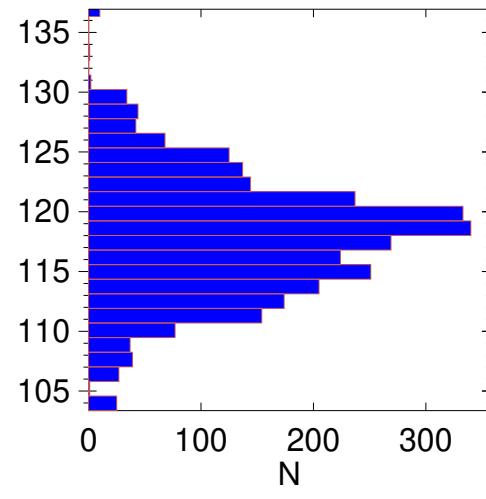
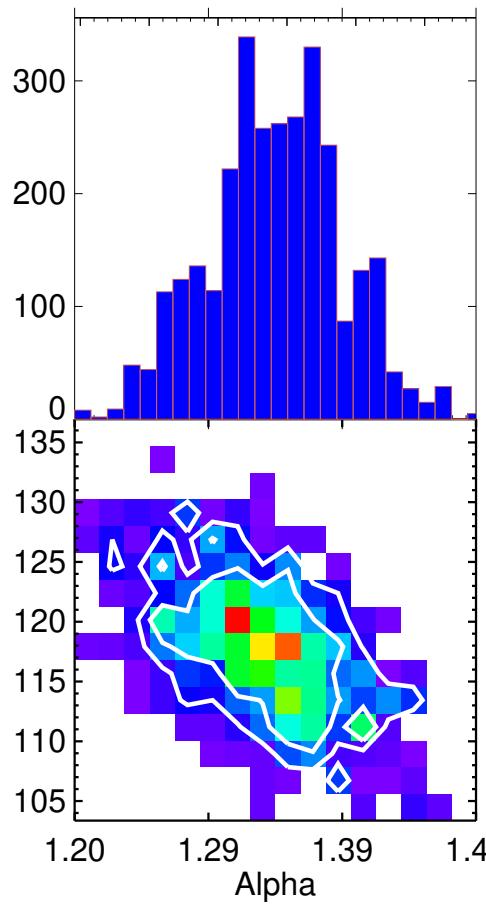


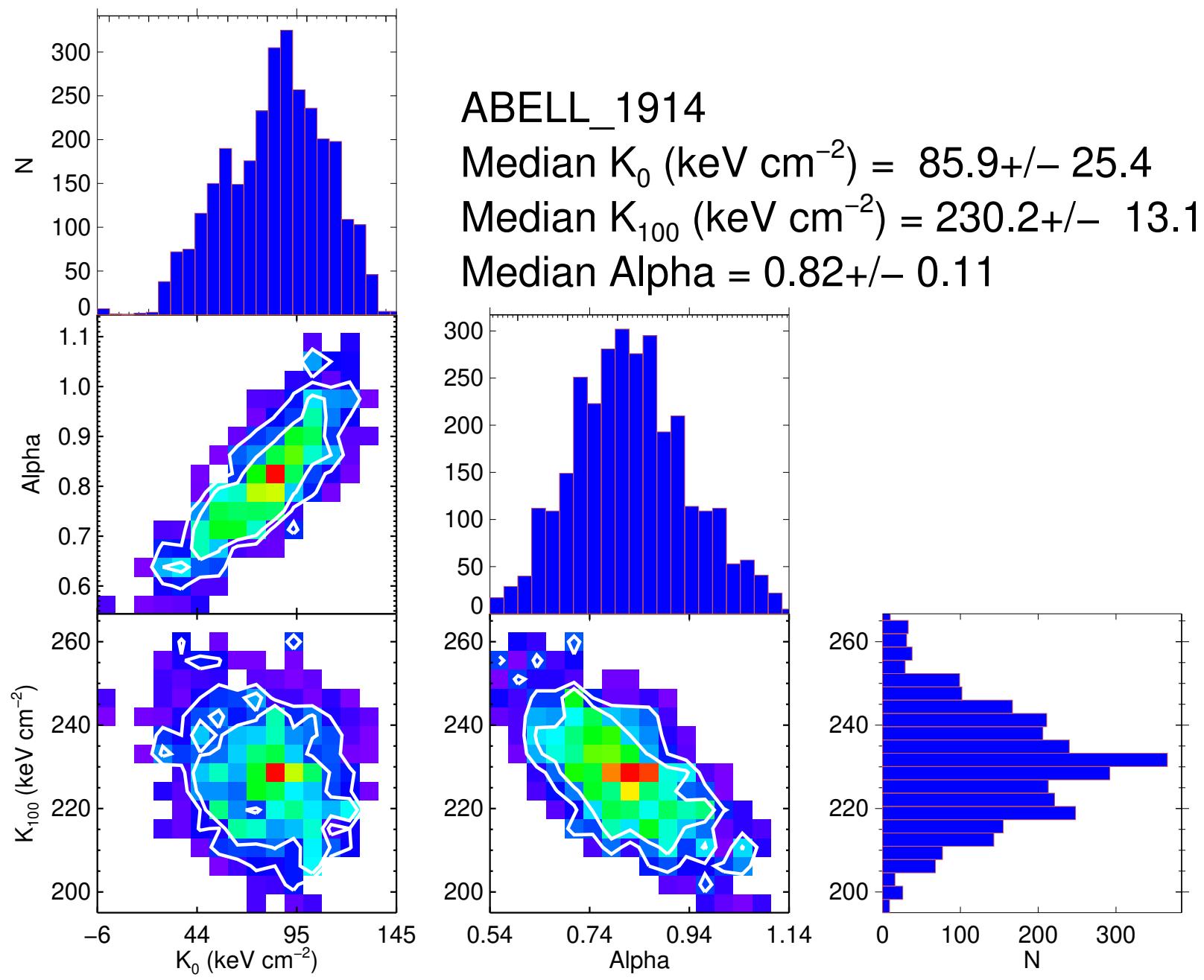
ABELL_1835

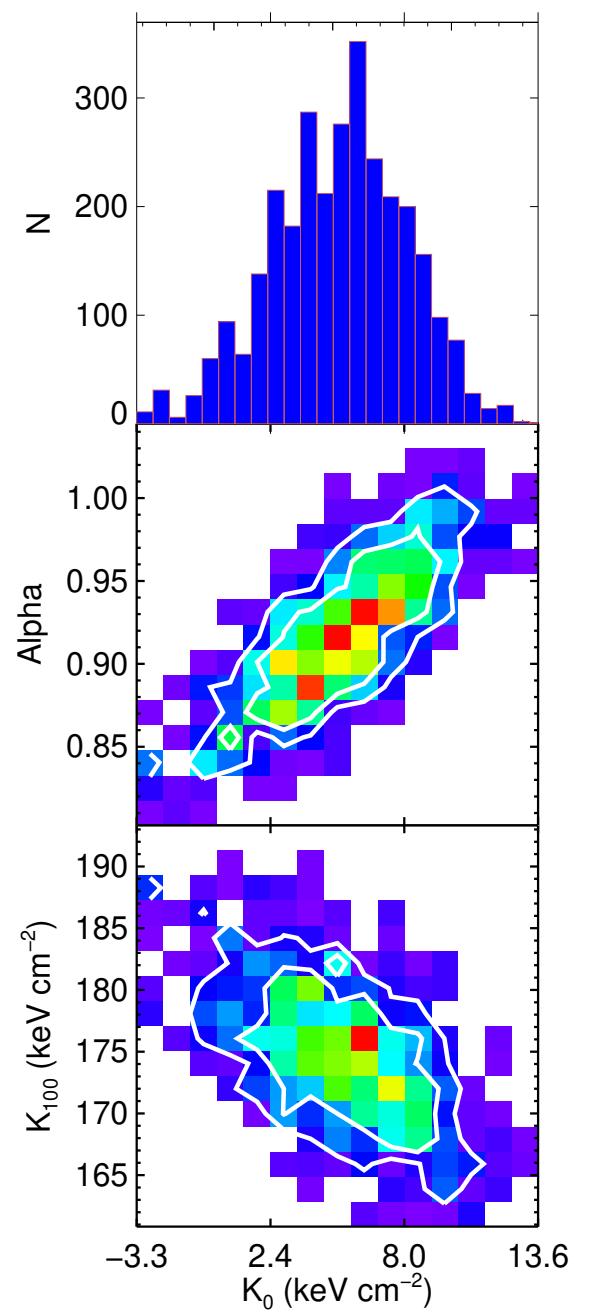
Median K_0 (keV cm $^{-2}$) = 12.0 ± 1.7

Median K_{100} (keV cm $^{-2}$) = 118.1 ± 5.0

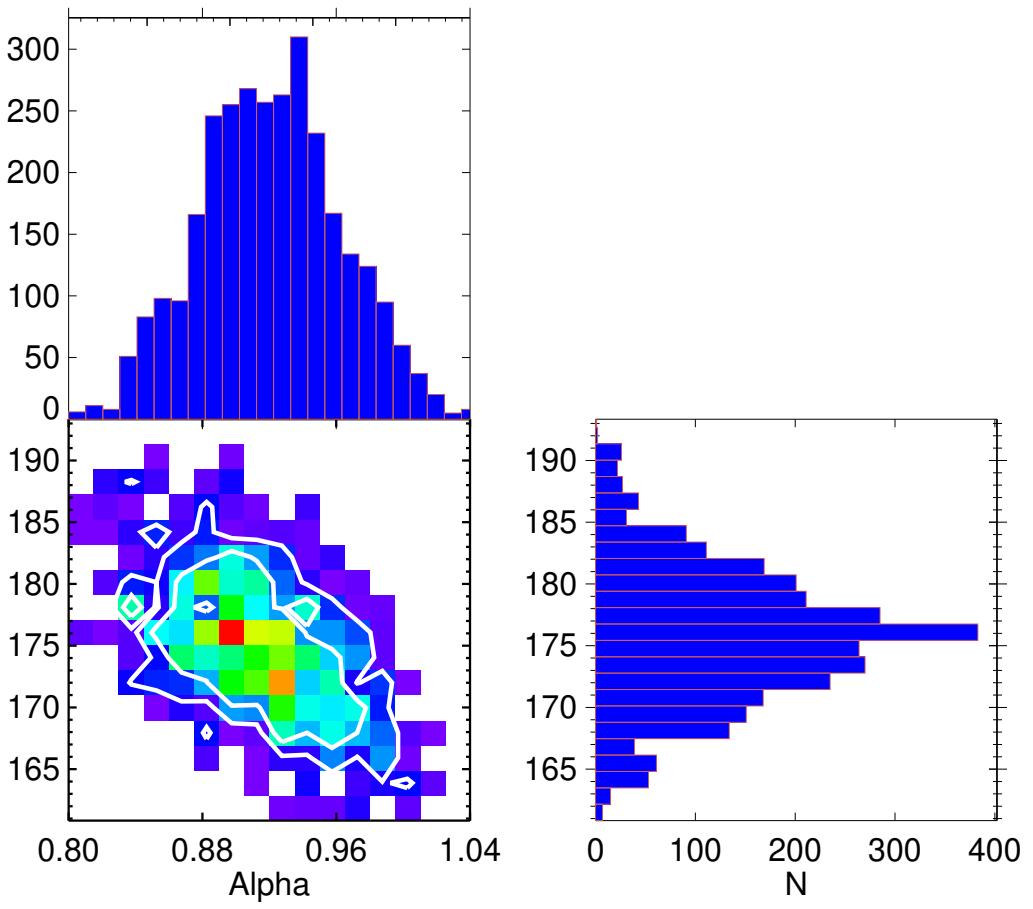
Median Alpha = 1.34 ± 0.05

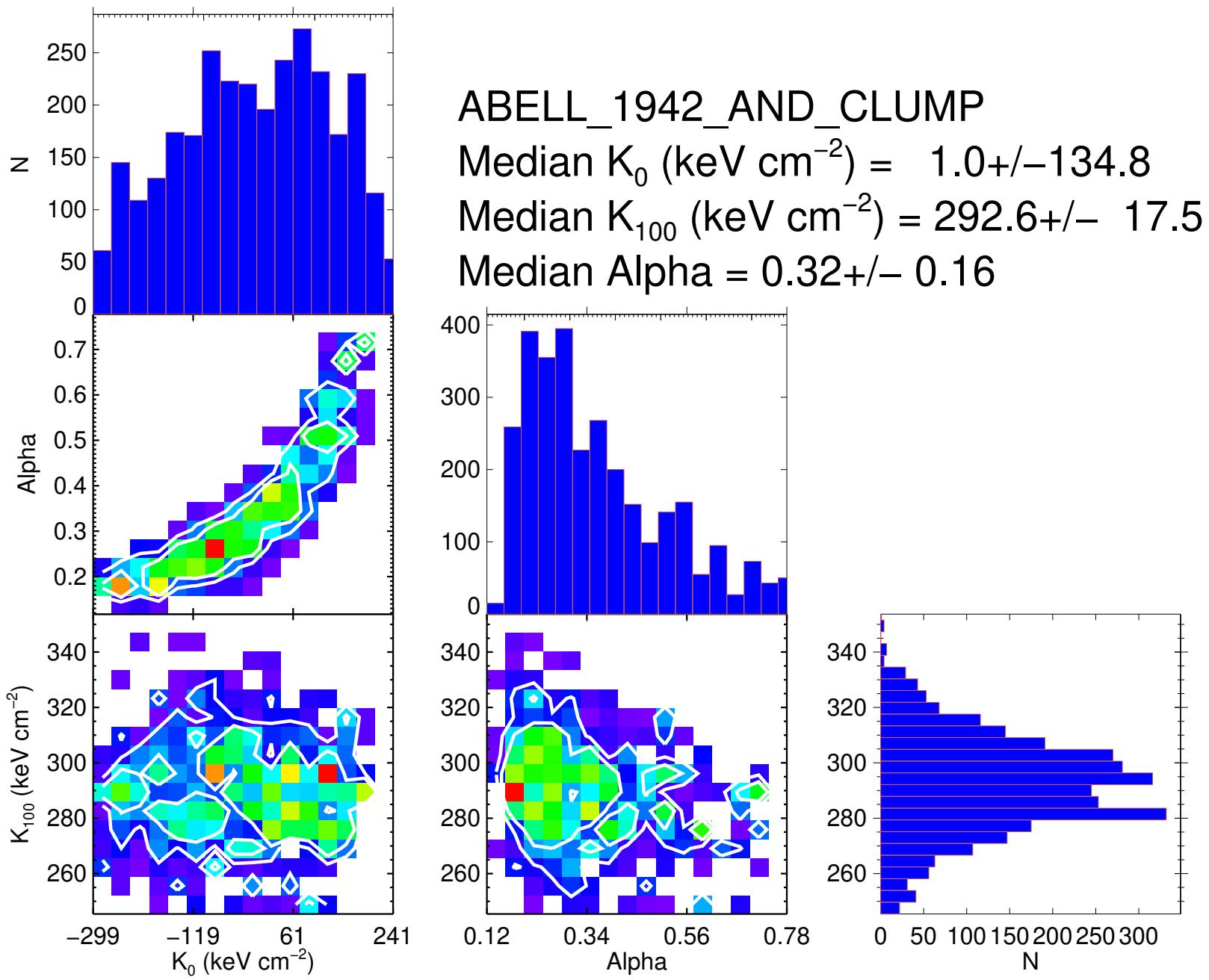


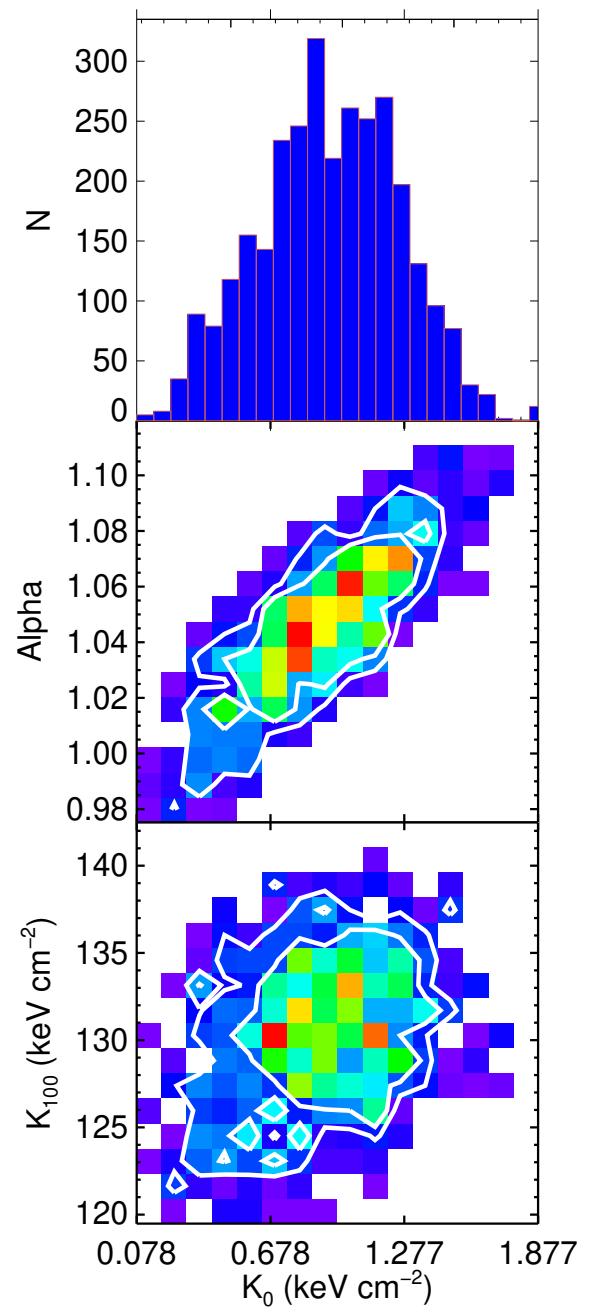




Median K_0 (keV cm $^{-2}$) = 5.5+/- 2.8
 Median K_{100} (keV cm $^{-2}$) = 175.7+/- 5.5
 Median Alpha = 0.93+/- 0.04





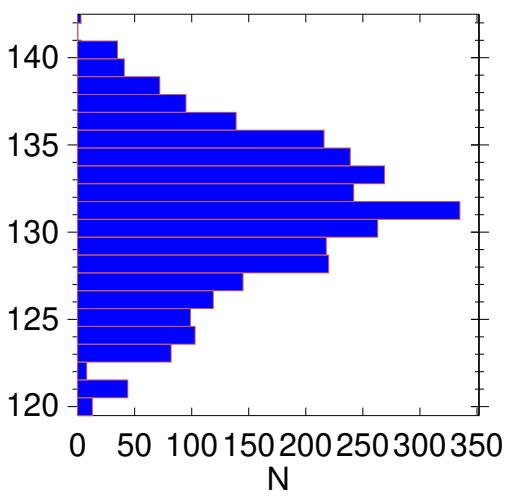
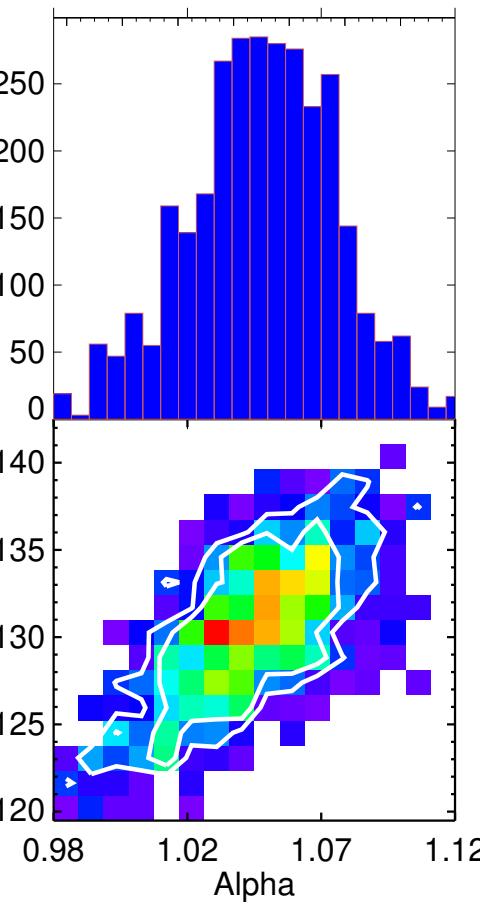


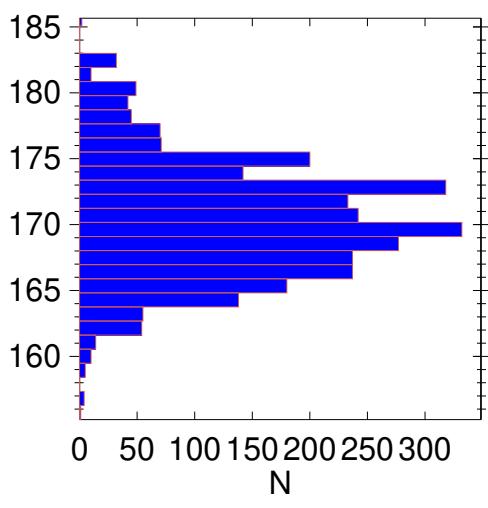
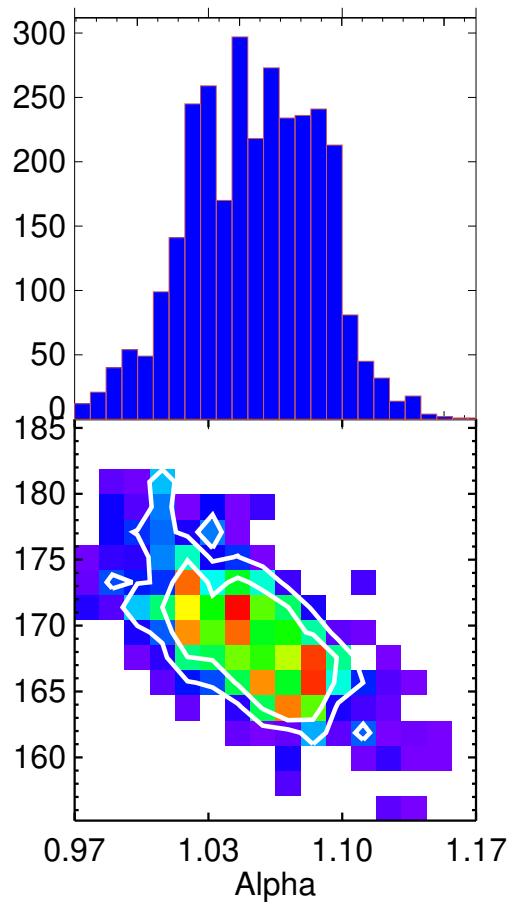
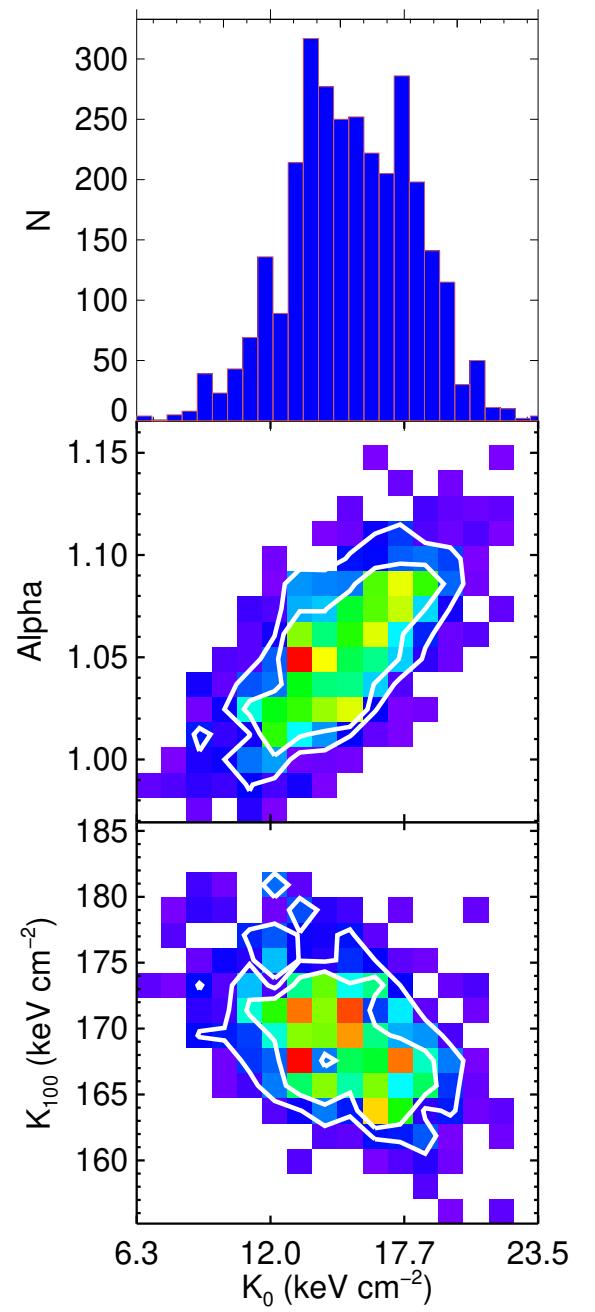
ABELL_1991

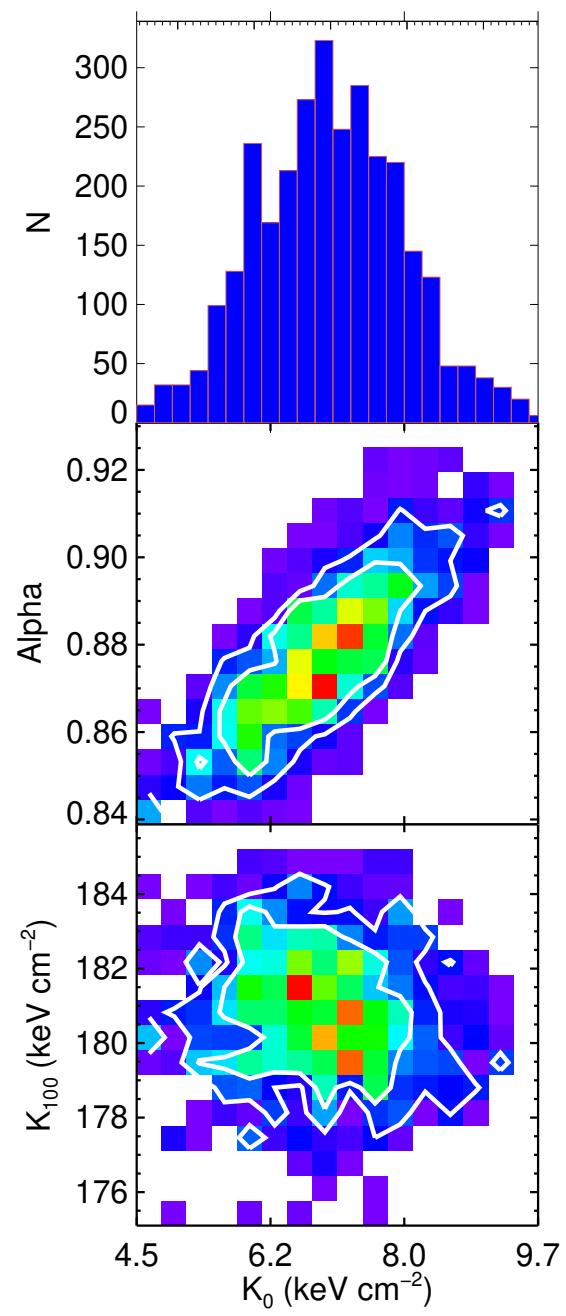
Median K_0 (keV cm $^{-2}$) = 0.9 ± 0.3

Median K_{100} (keV cm $^{-2}$) = 131.3 ± 4.2

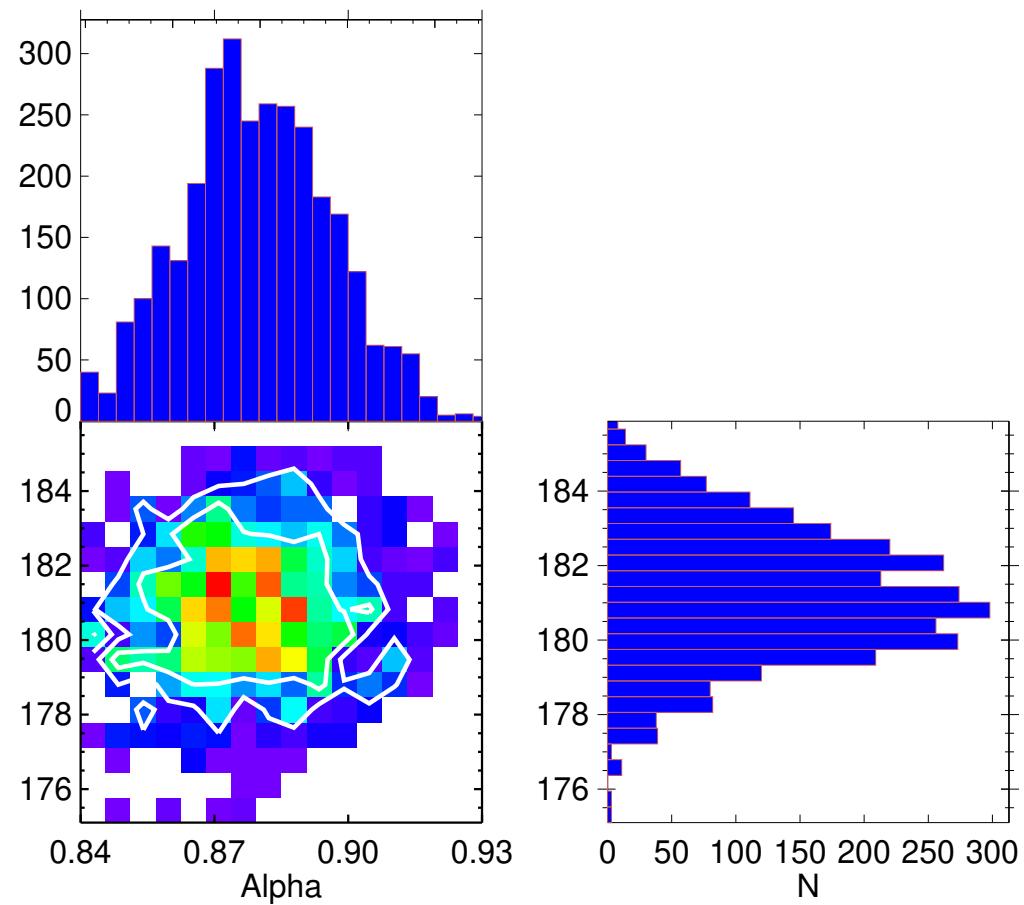
Median Alpha = 1.05 ± 0.03

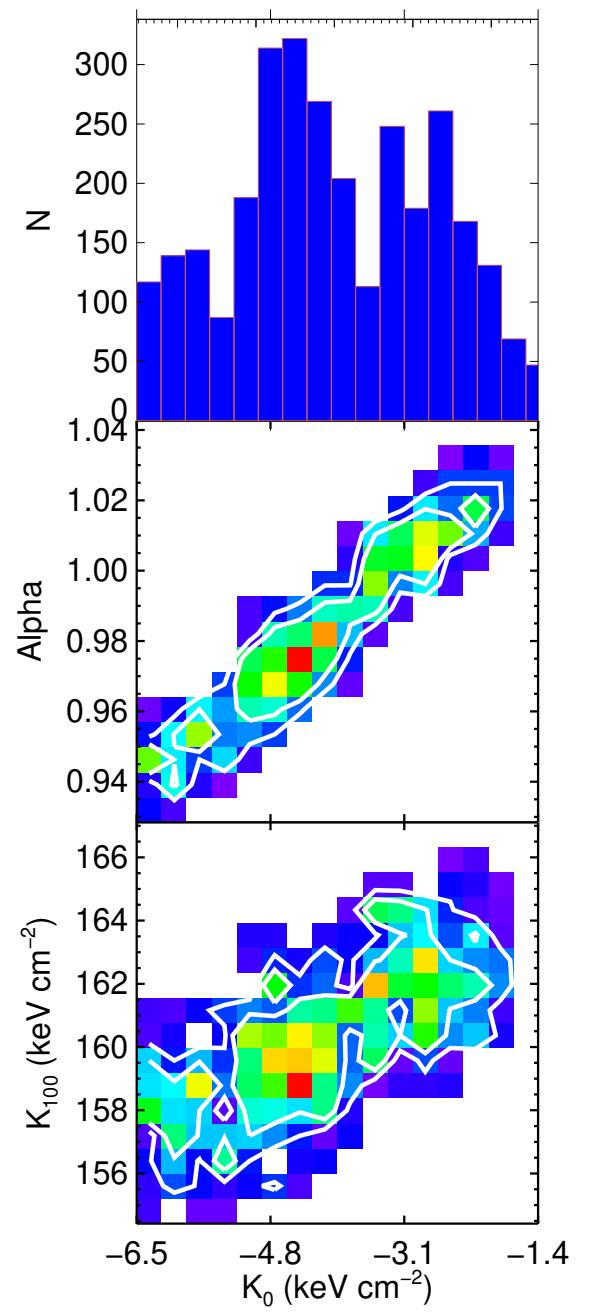






ABELL_2029
 Median K_0 (keV cm^{-2}) = $7.0+/- 1.0$
 Median K_{100} (keV cm^{-2}) = $181.1+/- 1.7$
 Median Alpha = $0.88+/- 0.02$



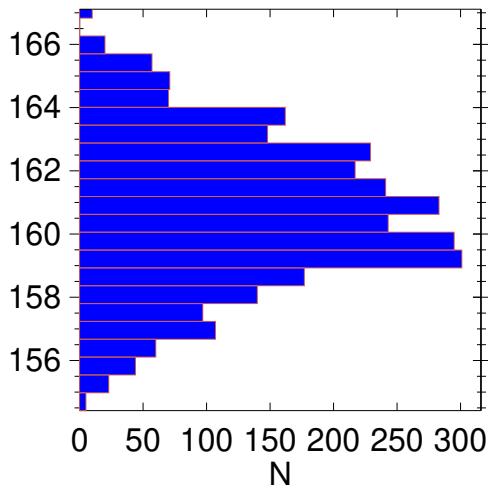
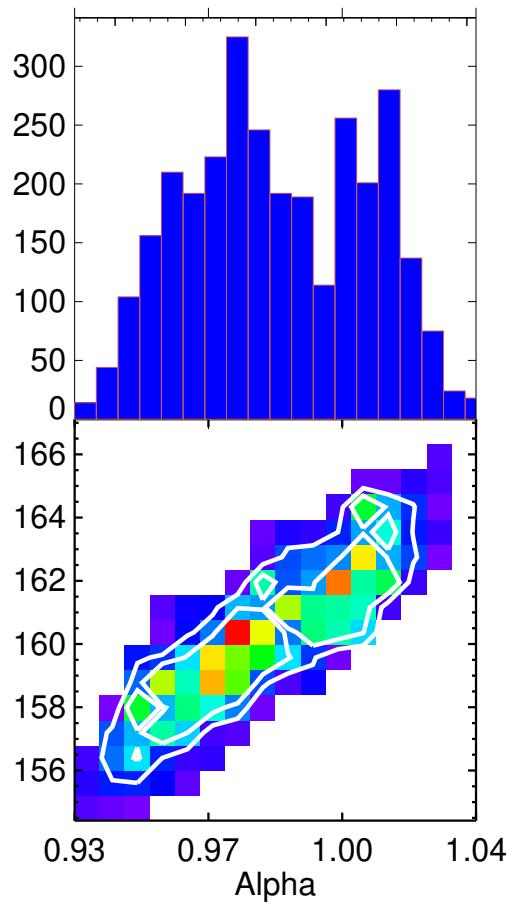


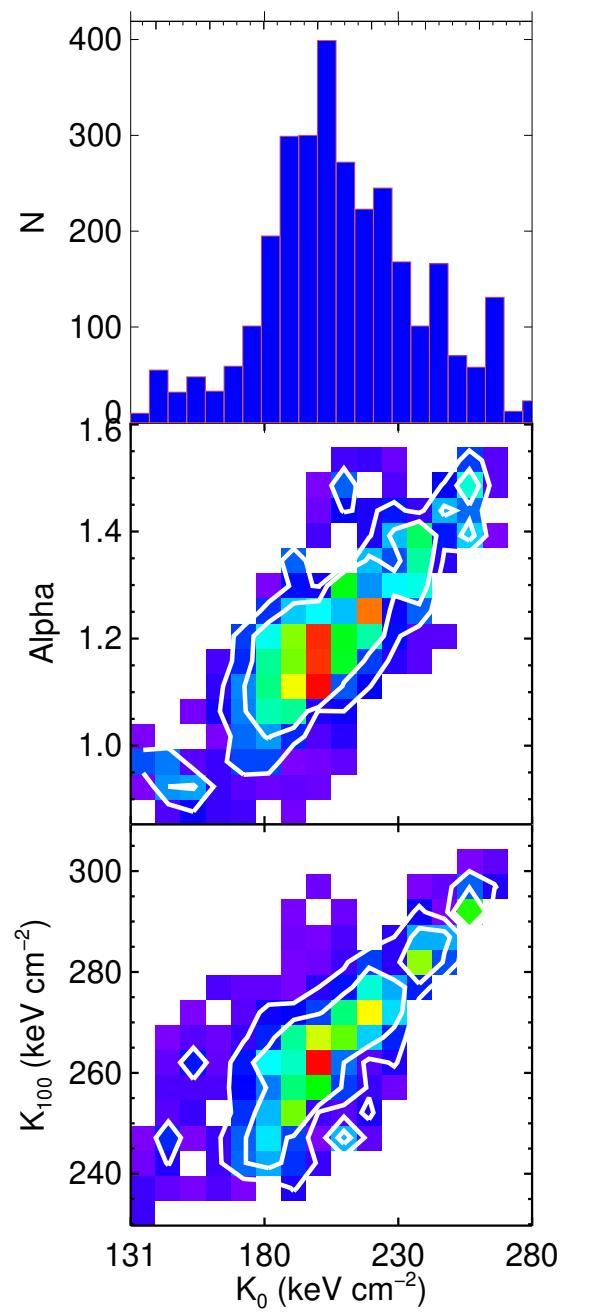
ABELL_2052

Median K_0 (keV cm $^{-2}$) = $-4.1+/- 1.3$

Median K_{100} (keV cm $^{-2}$) = $160.6+/- 2.3$

Median Alpha = $0.98+/- 0.03$



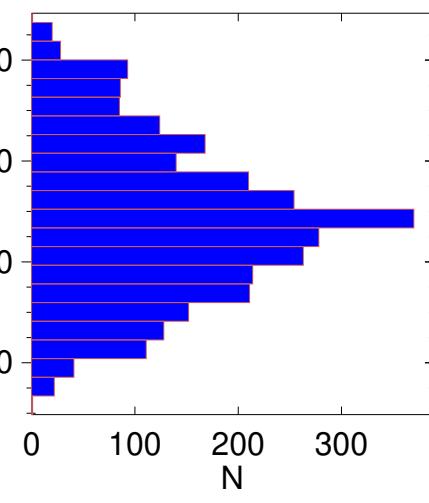
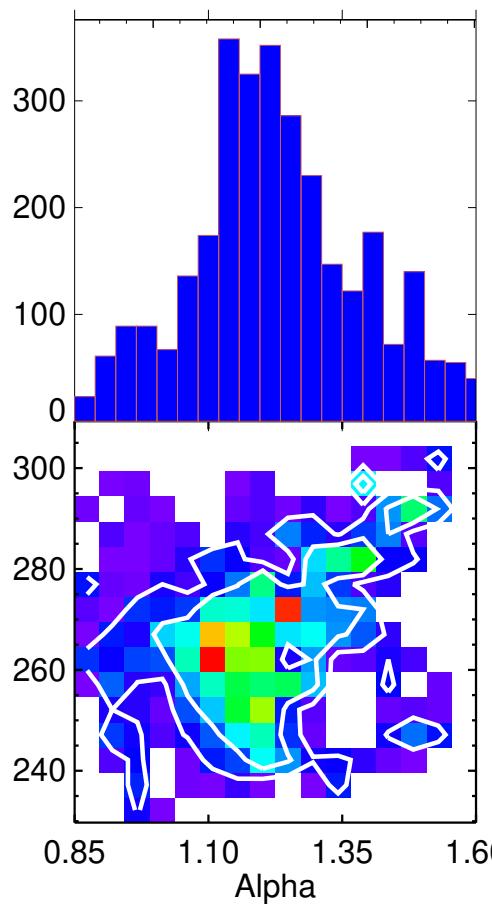


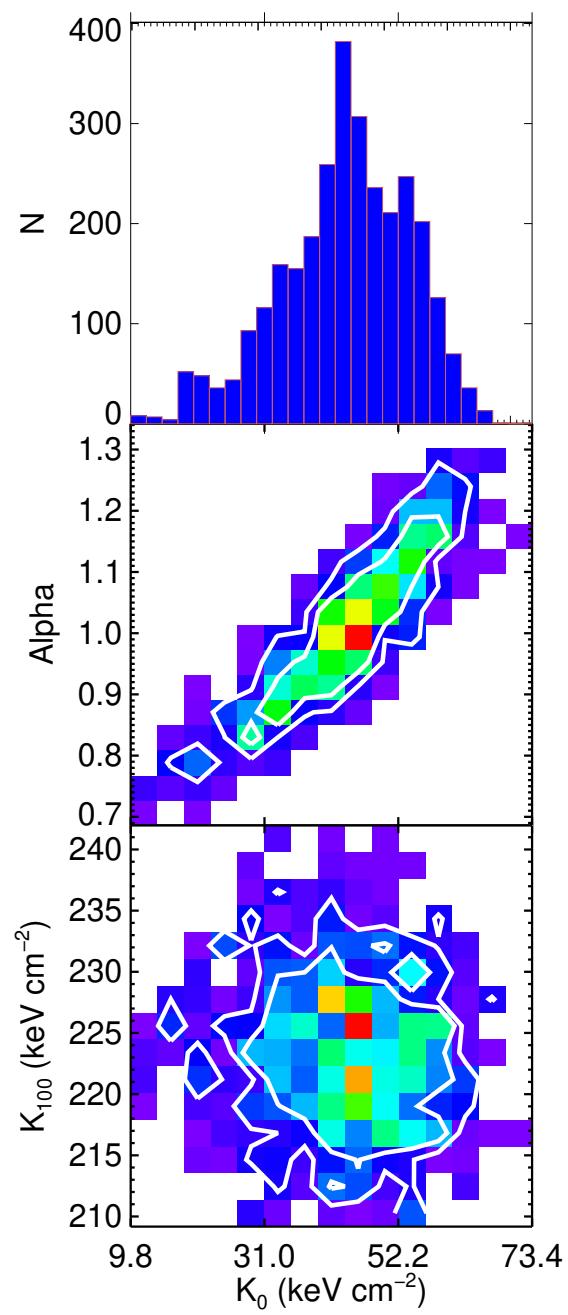
ABELL_2061

Median K_0 (keV cm $^{-2}$) = 205.1 ± 28.5

Median K_{100} (keV cm $^{-2}$) = 267.7 ± 15.2

Median Alpha = 1.22 ± 0.16



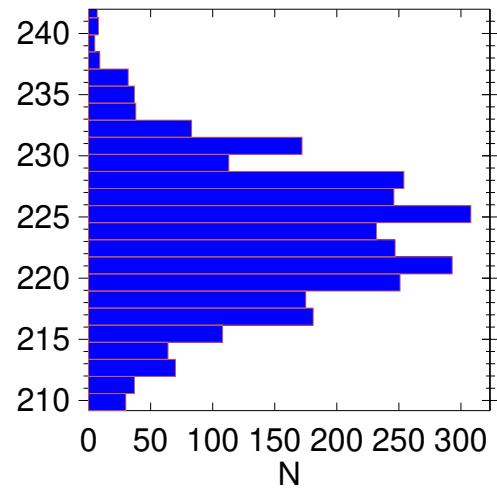
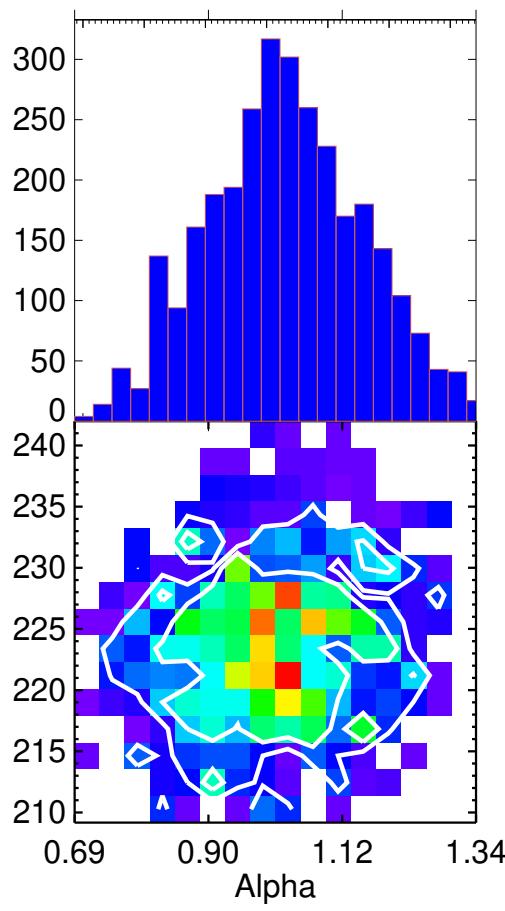


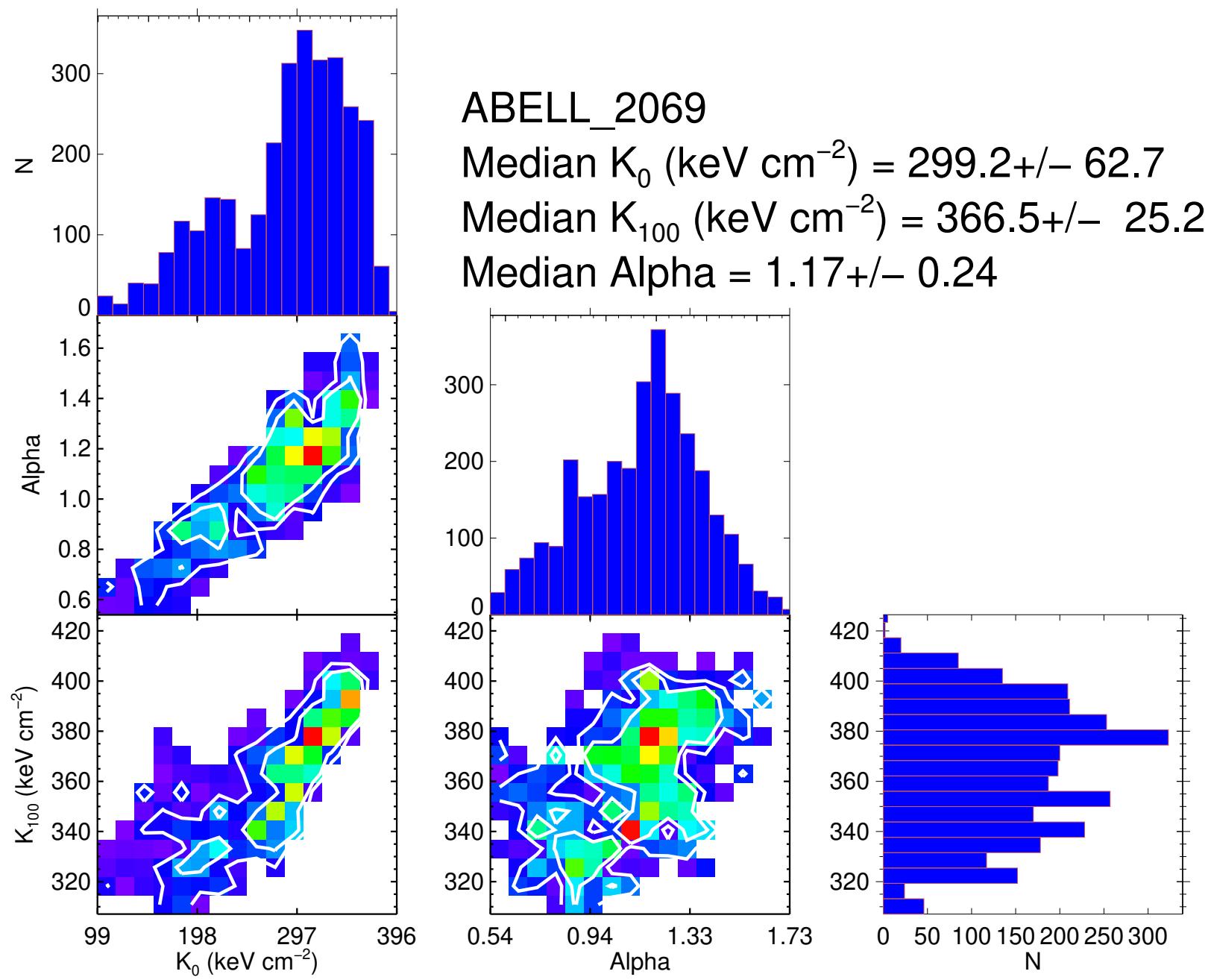
ABELL_2063

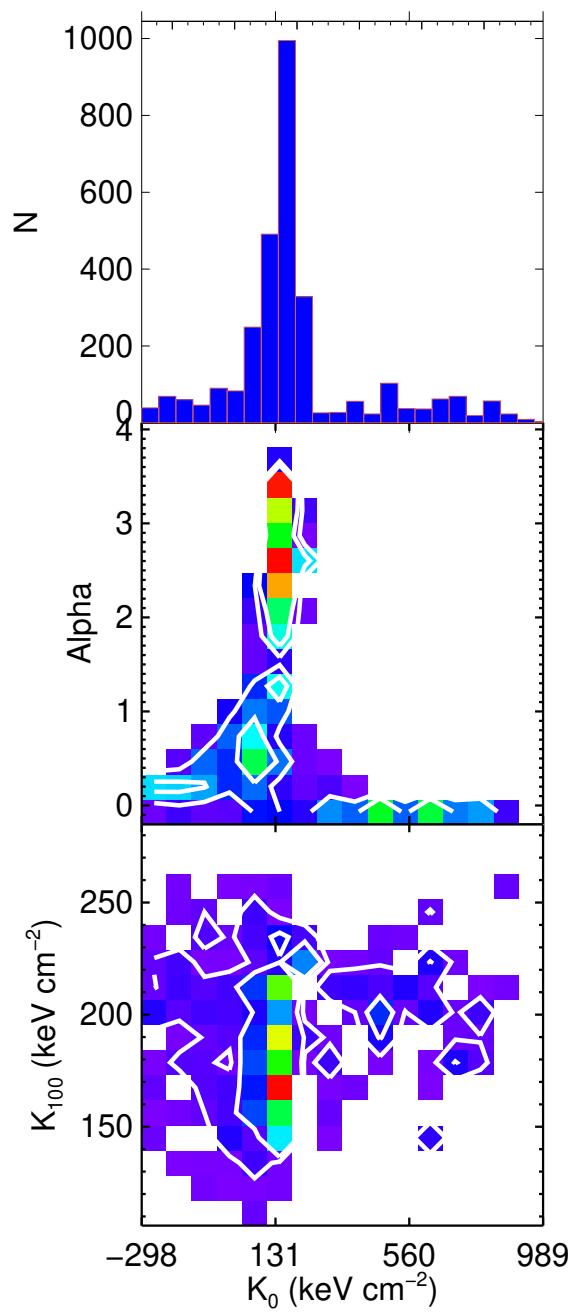
Median K_0 (keV cm $^{-2}$) = $44.4+/- 10.3$

Median K_{100} (keV cm $^{-2}$) = $223.3+/- 5.8$

Median Alpha = $1.03+/- 0.13$





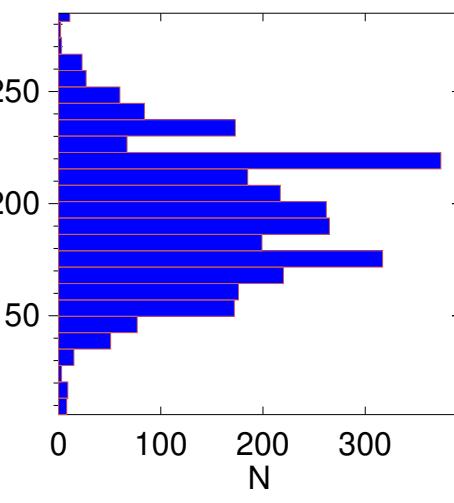
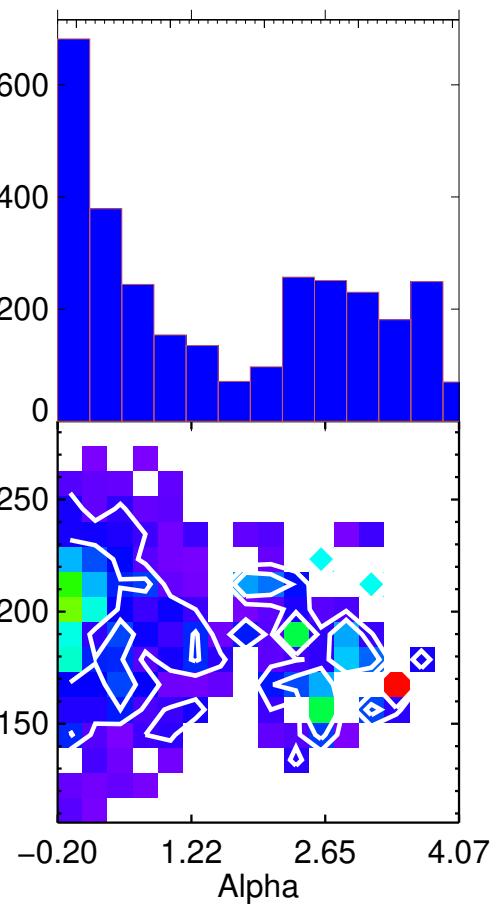


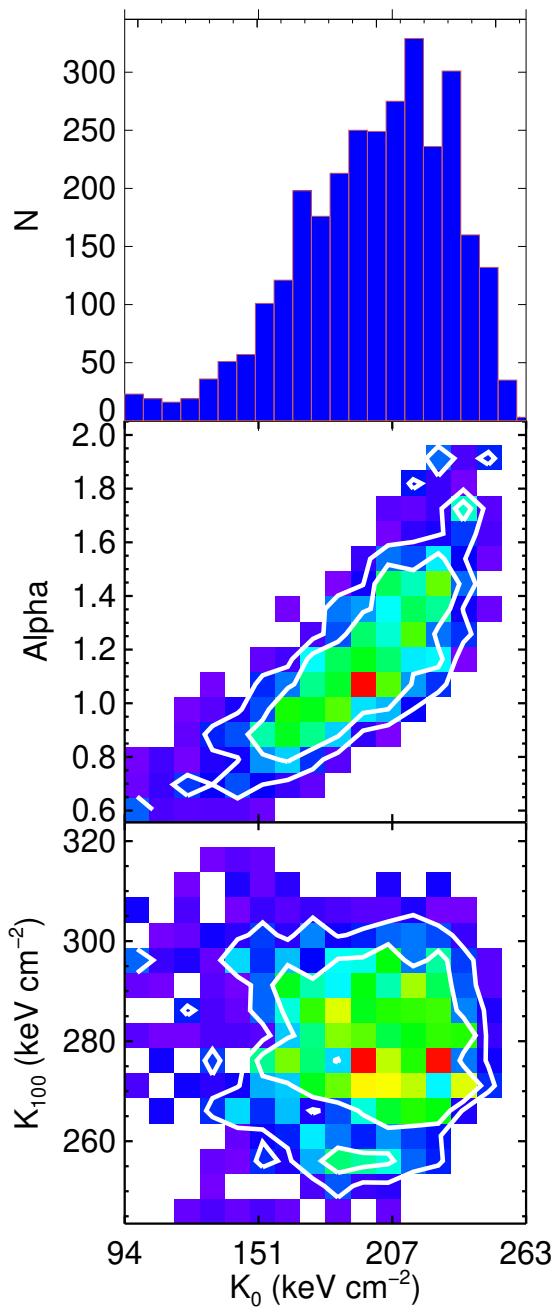
ABELL_2092

Median K_0 (keV cm $^{-2}$) = $161.6+/-225.8$

Median K_{100} (keV cm $^{-2}$) = $192.4+/- 30.1$

Median Alpha = $1.27+/- 1.41$



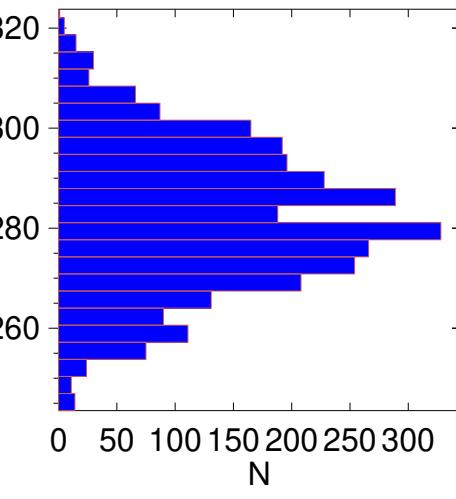
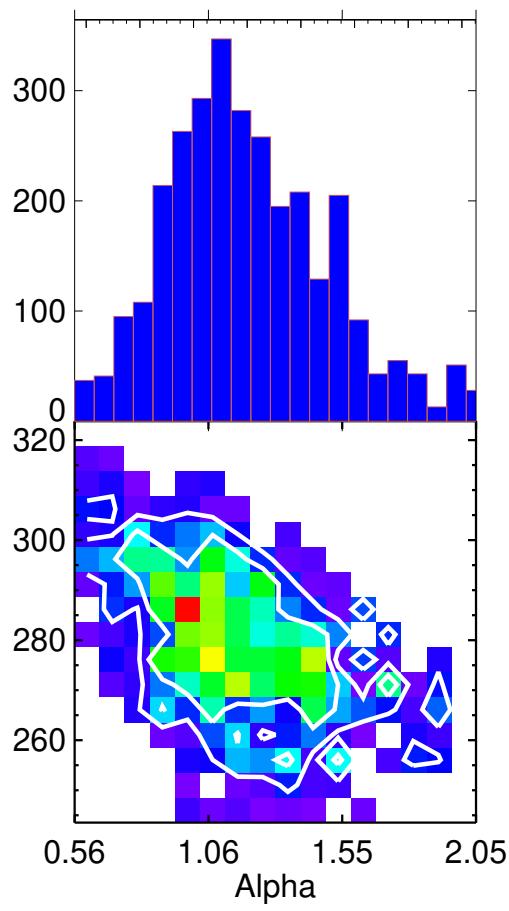


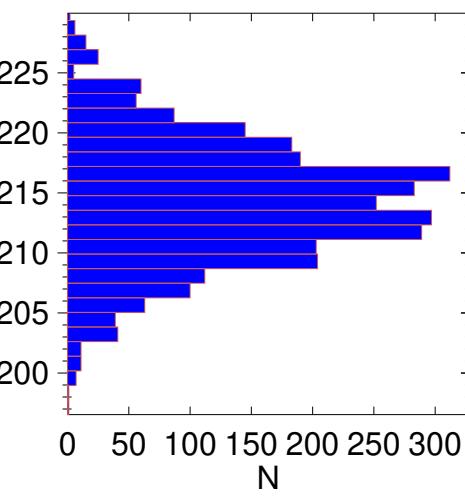
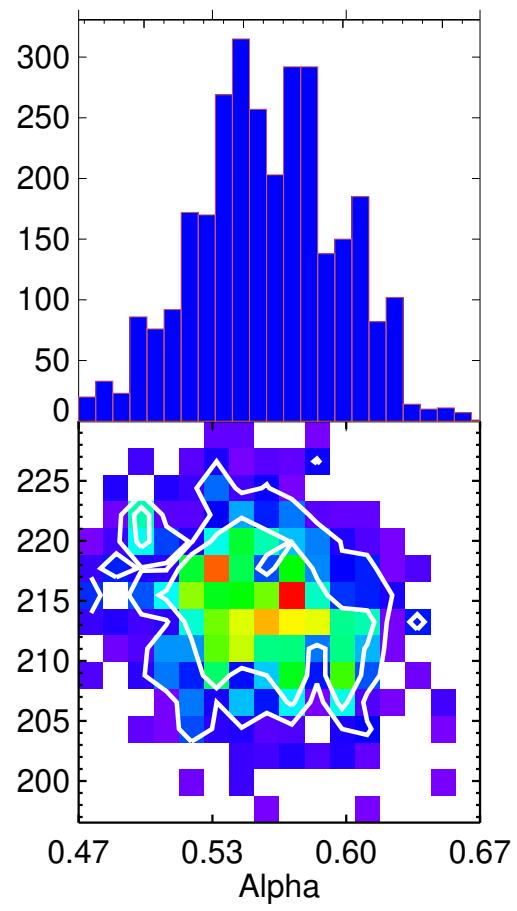
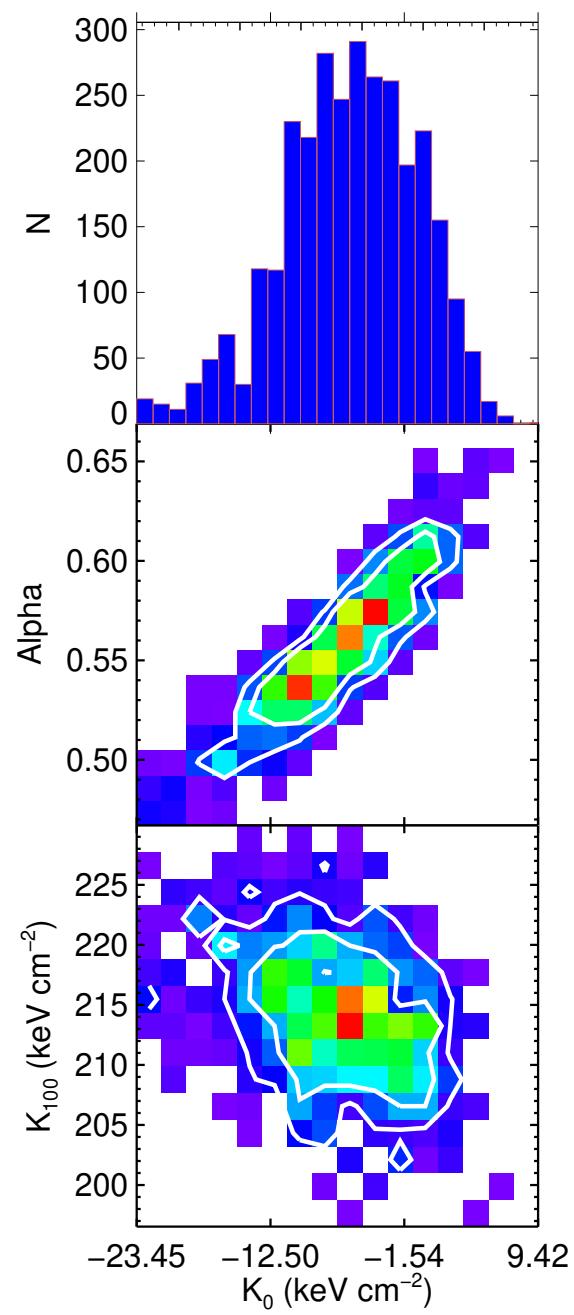
ABELL_2104

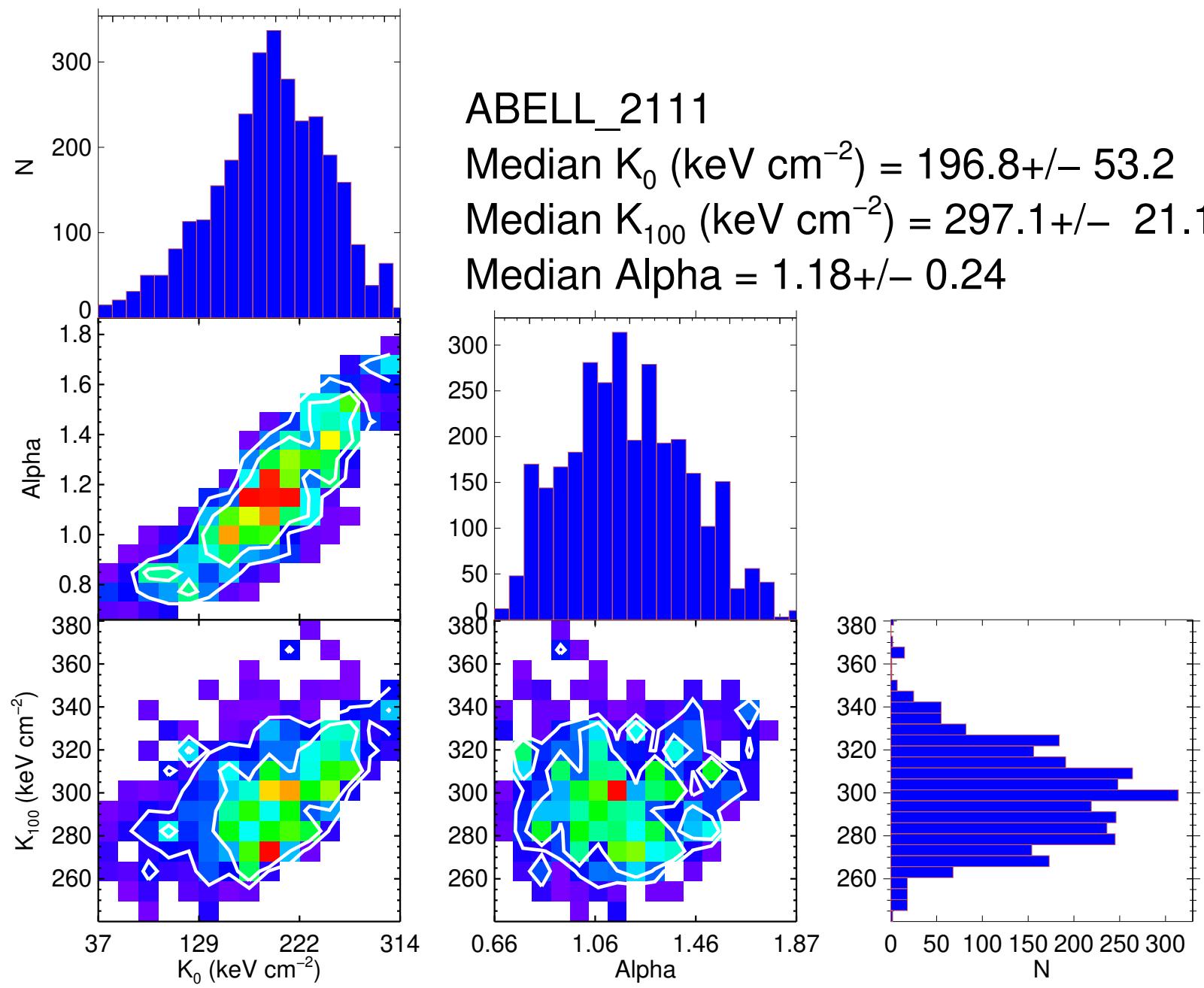
Median K_0 (keV cm $^{-2}$) = 203.0 ± 32.2

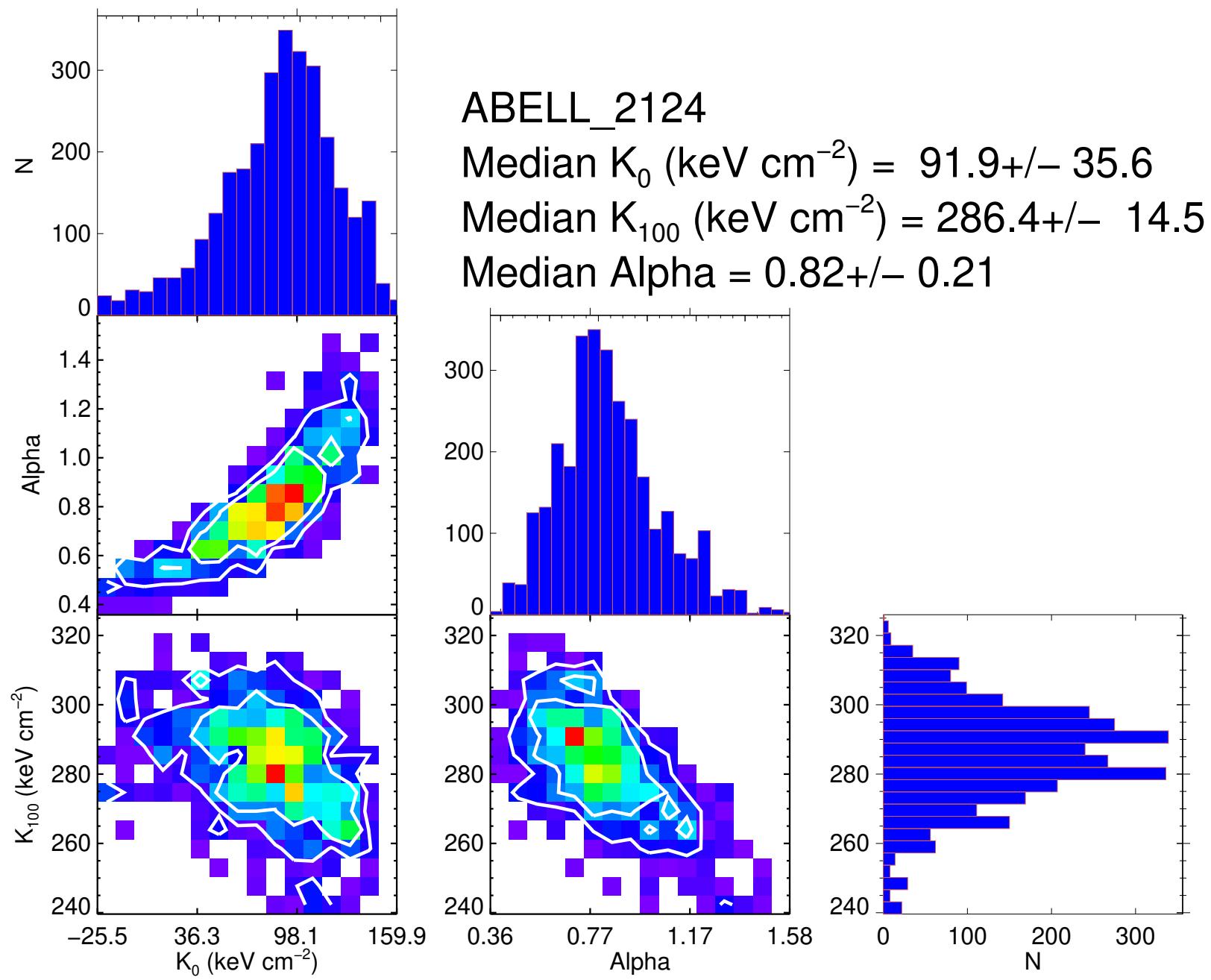
Median K_{100} (keV cm $^{-2}$) = 281.1 ± 14.1

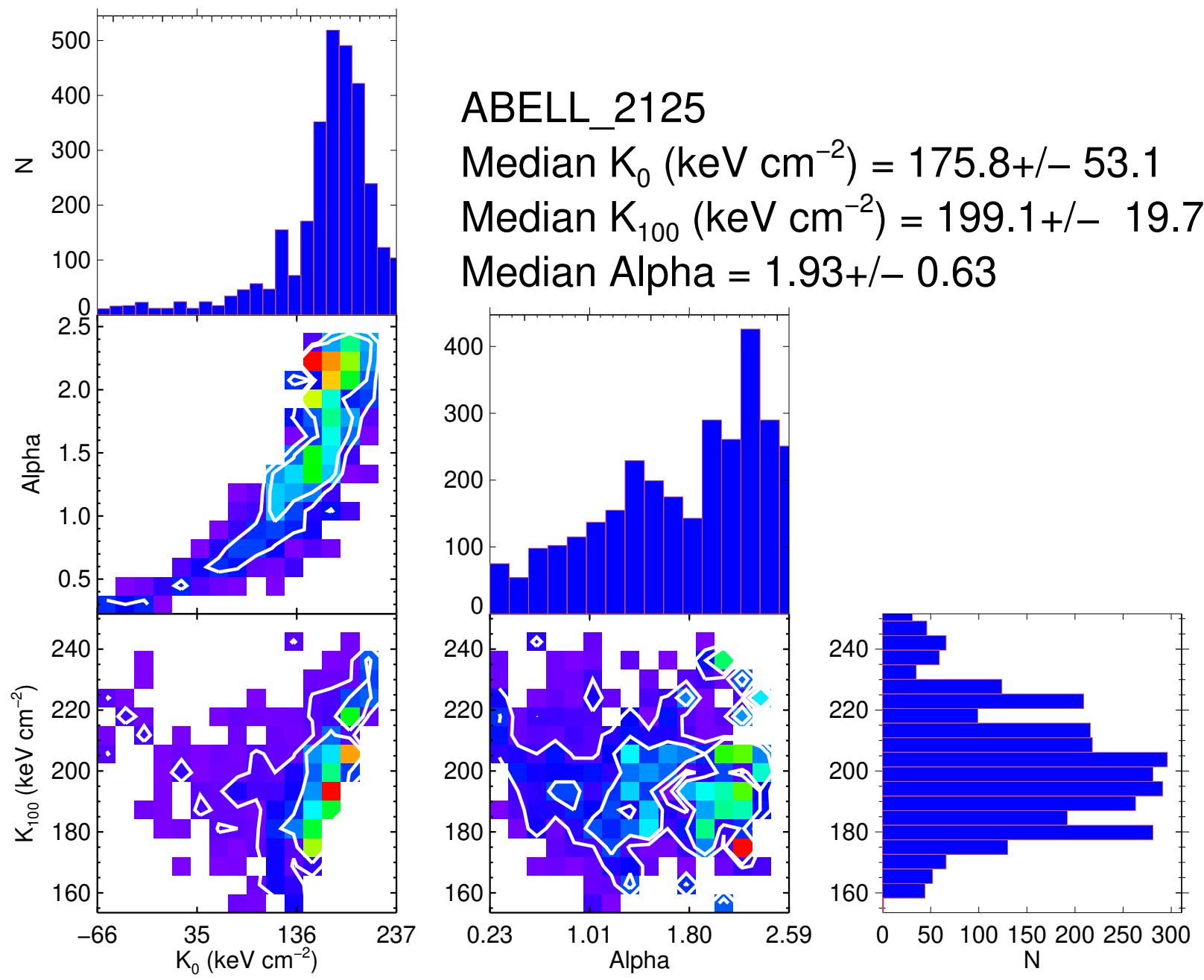
Median Alpha = 1.16 ± 0.30

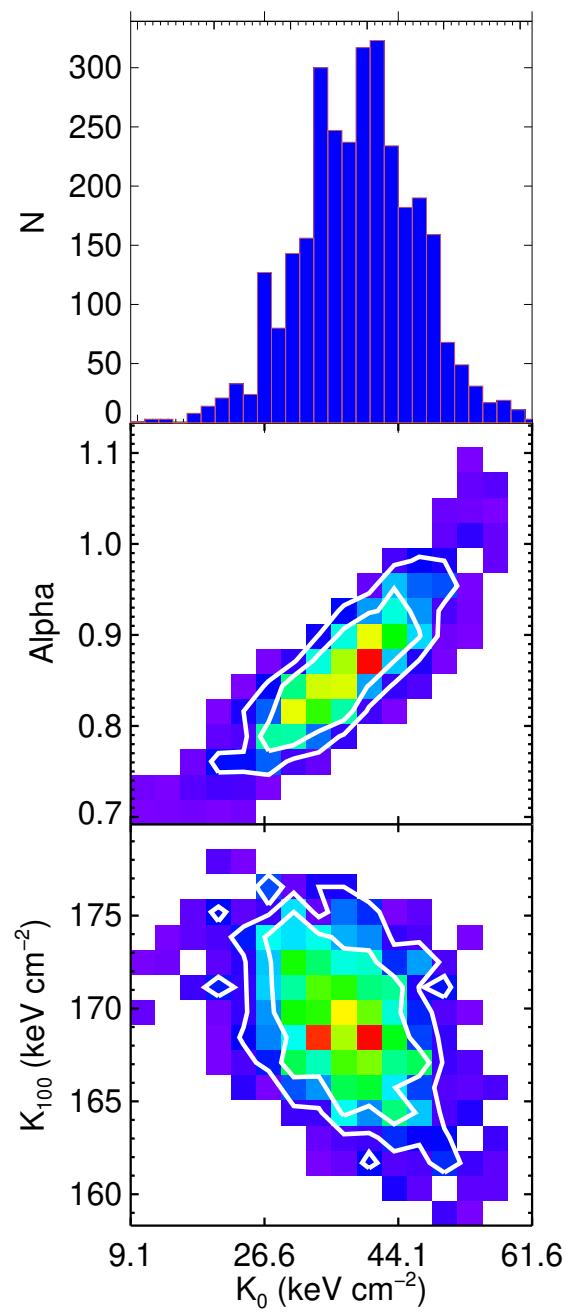










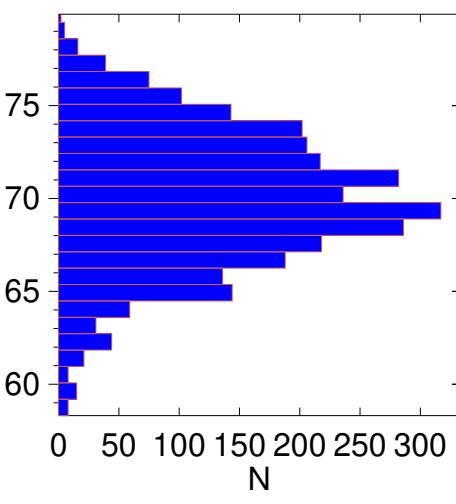
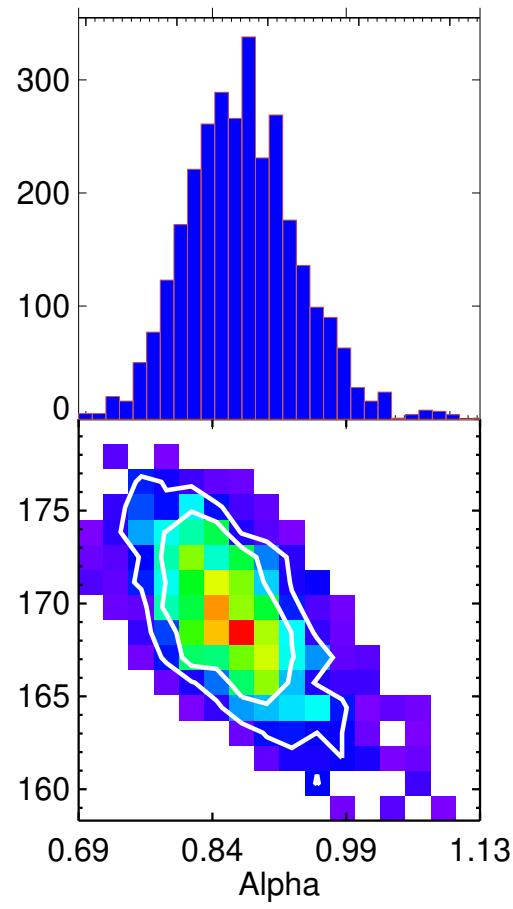


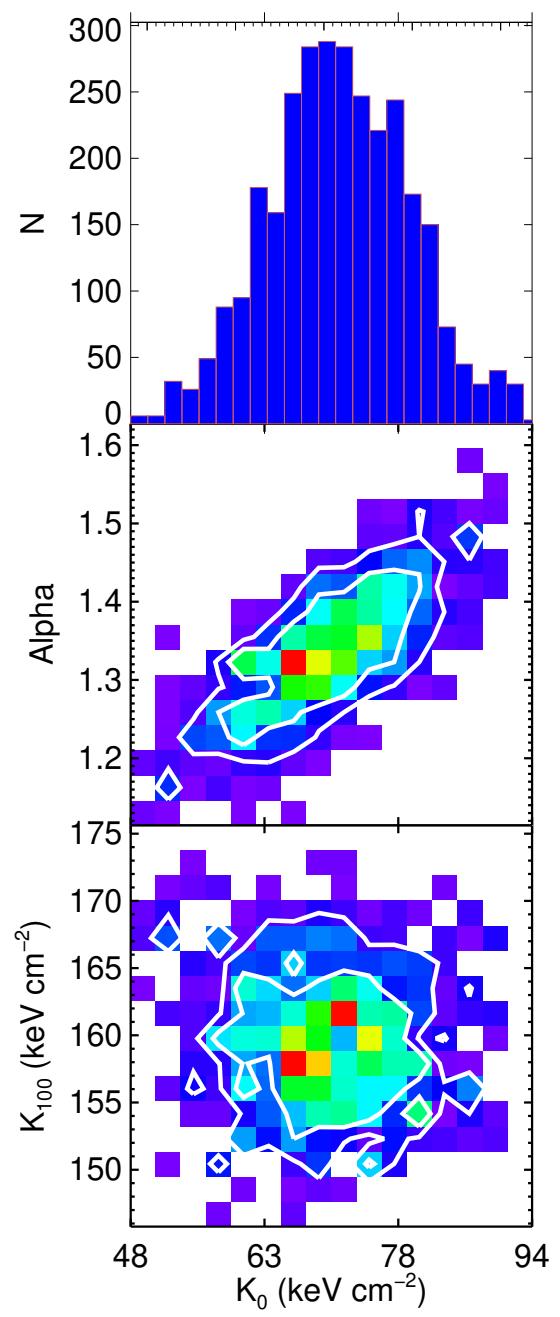
ABELL_2142

Median K_0 (keV cm $^{-2}$) = 39.3+/- 7.6

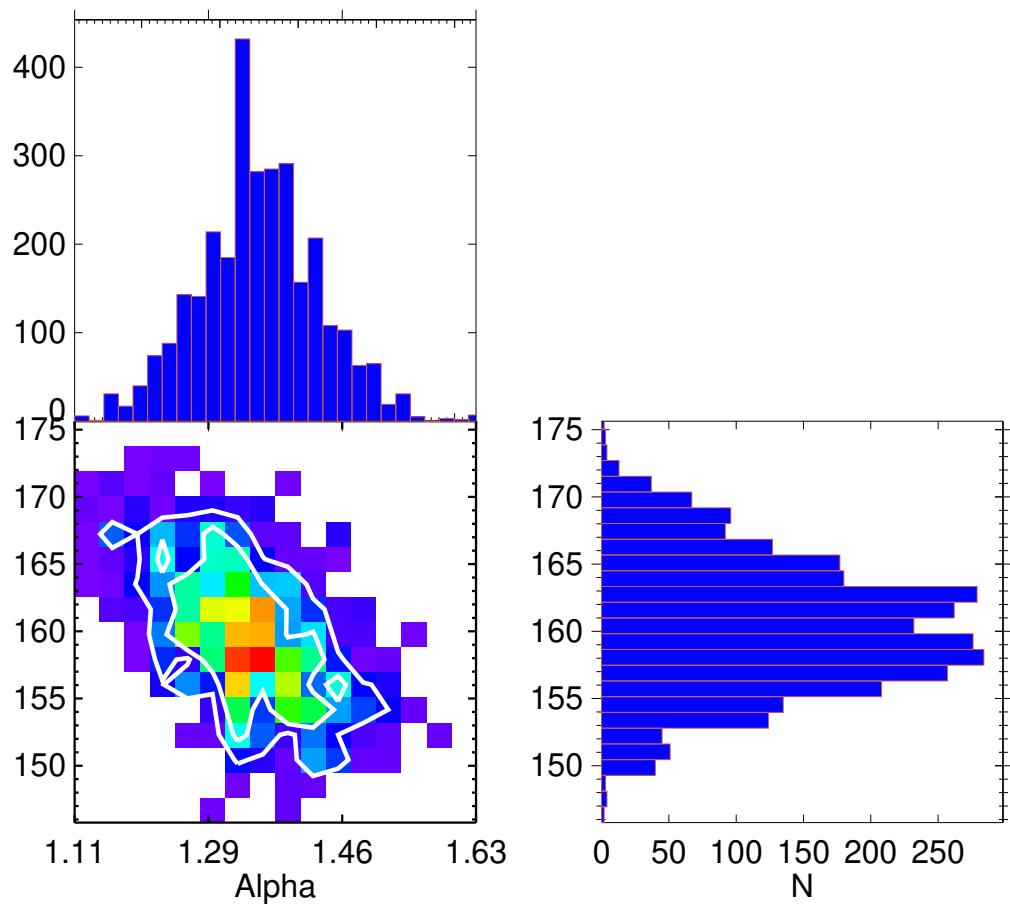
Median K_{100} (keV cm $^{-2}$) = 169.9+/- 3.6

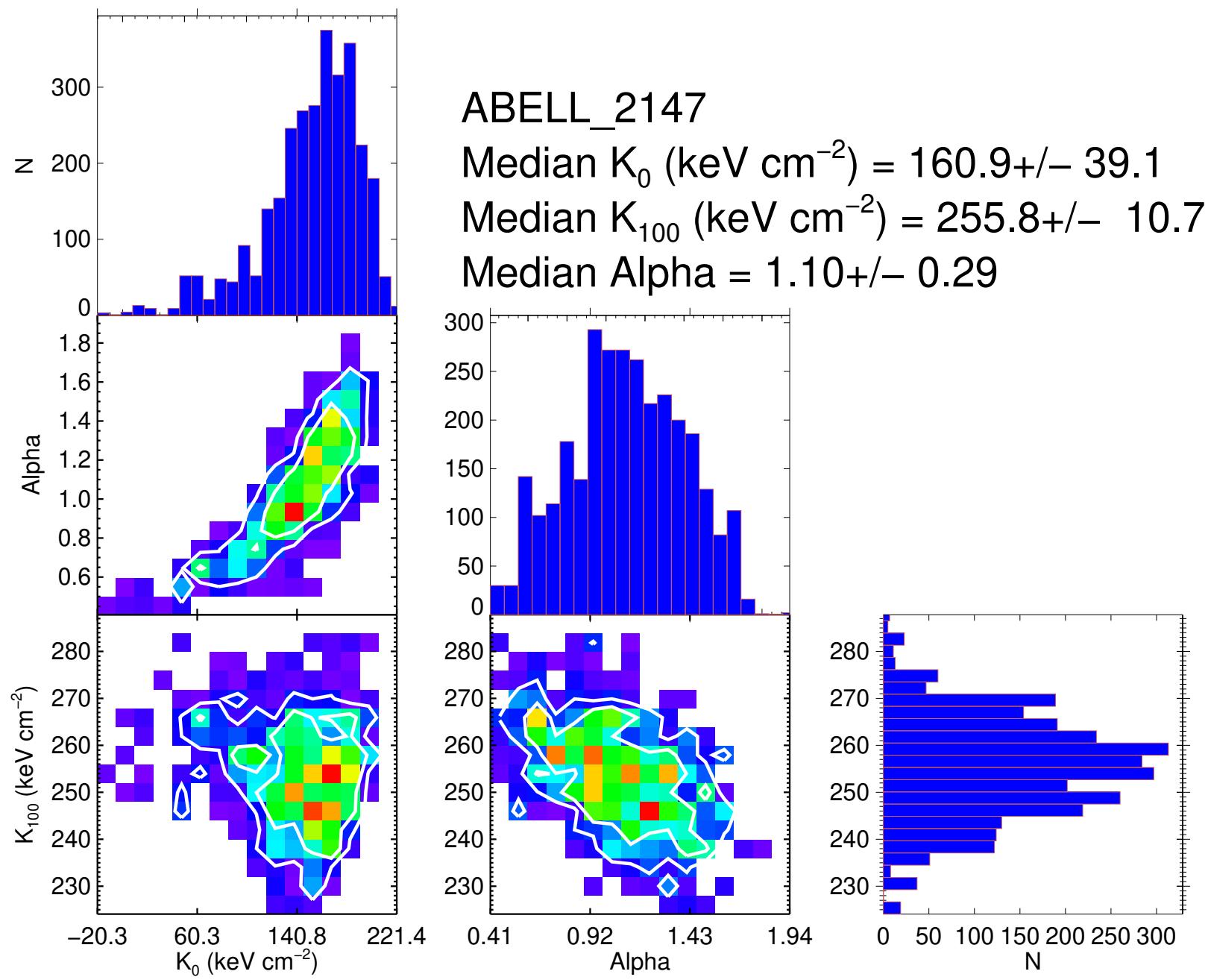
Median Alpha = 0.87+/- 0.06

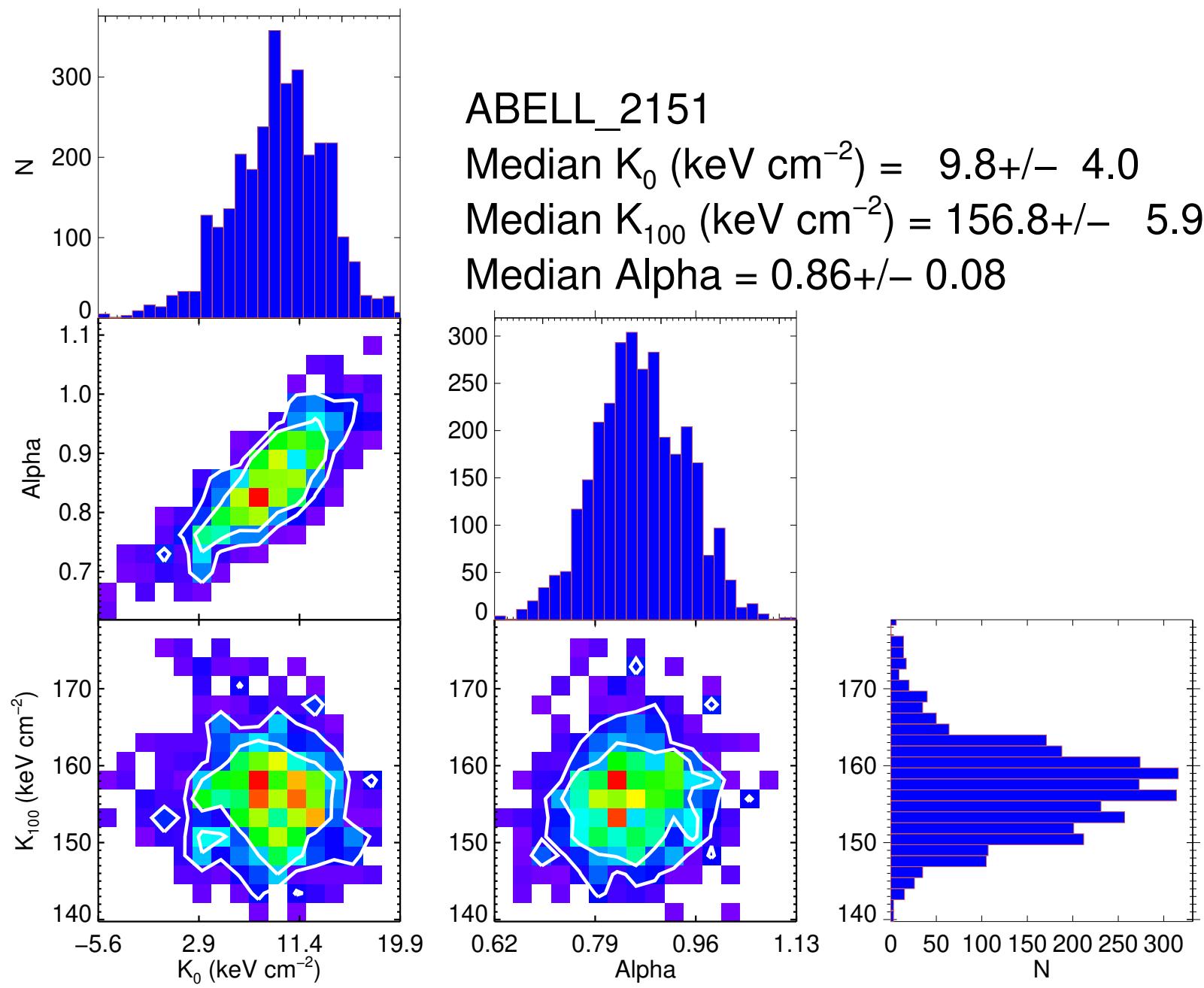


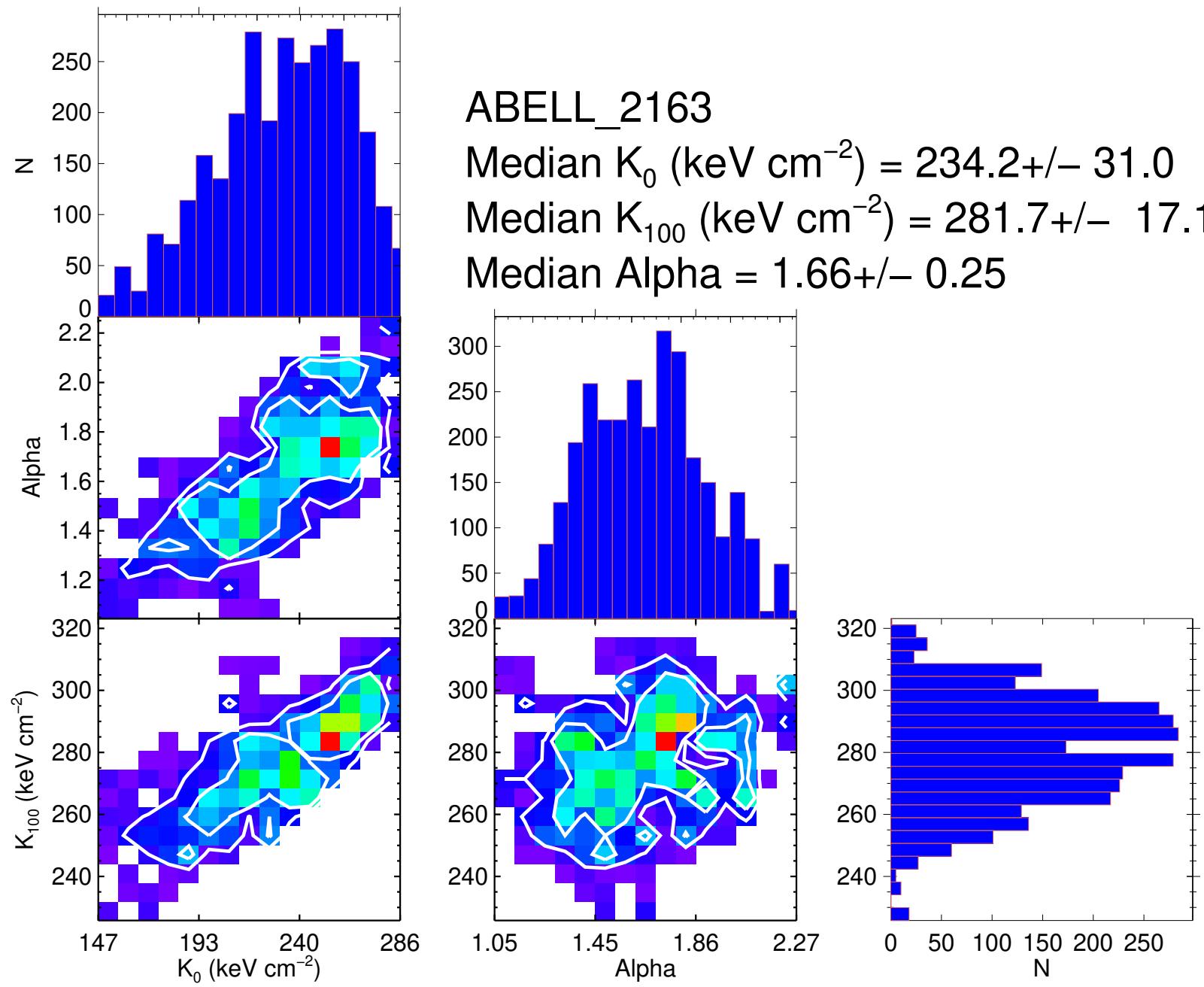


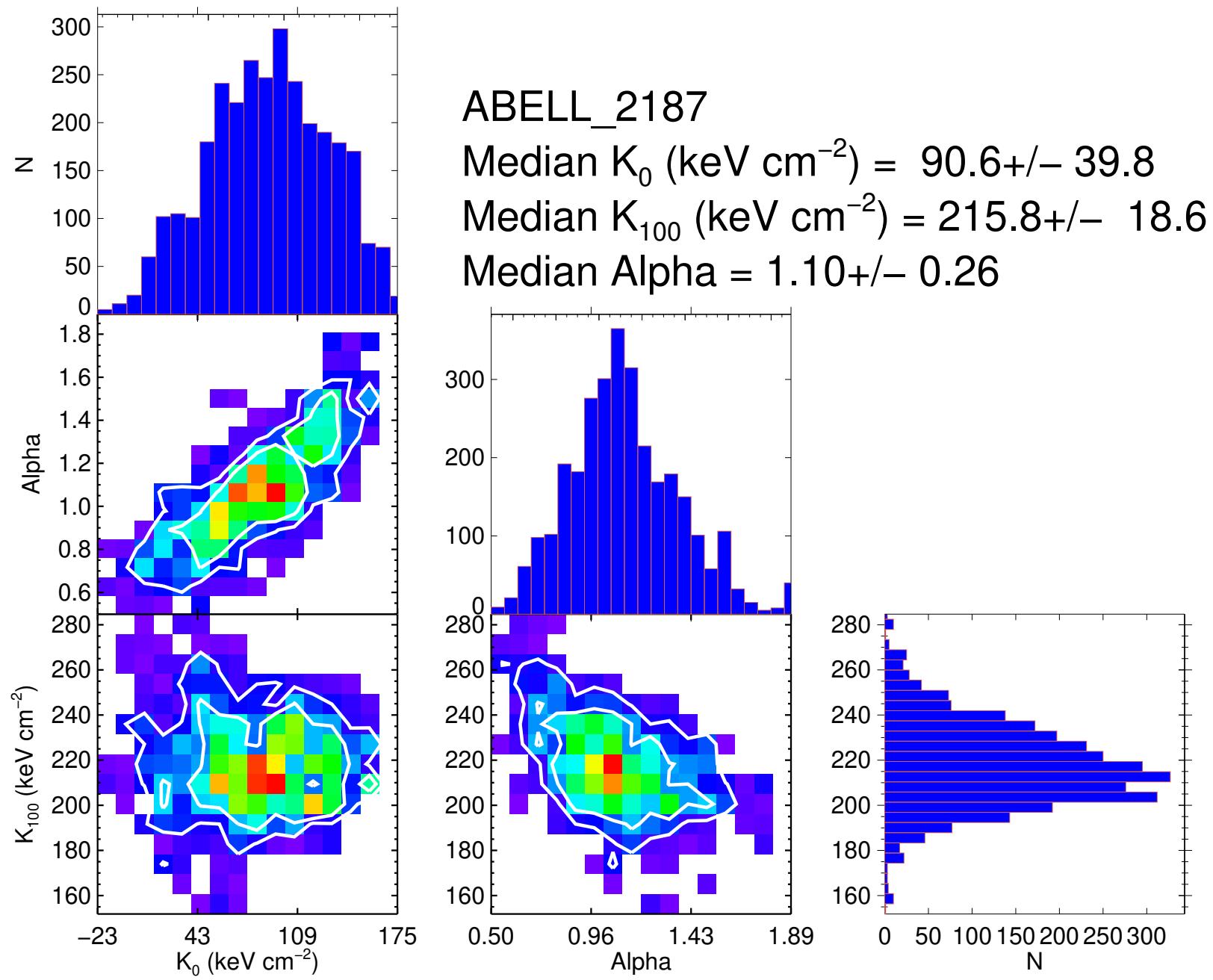
ABELL_2146
 Median K_0 (keV cm $^{-2}$) = $71.7+/- 8.0$
 Median K_{100} (keV cm $^{-2}$) = $160.1+/- 4.8$
 Median Alpha = $1.35+/- 0.08$

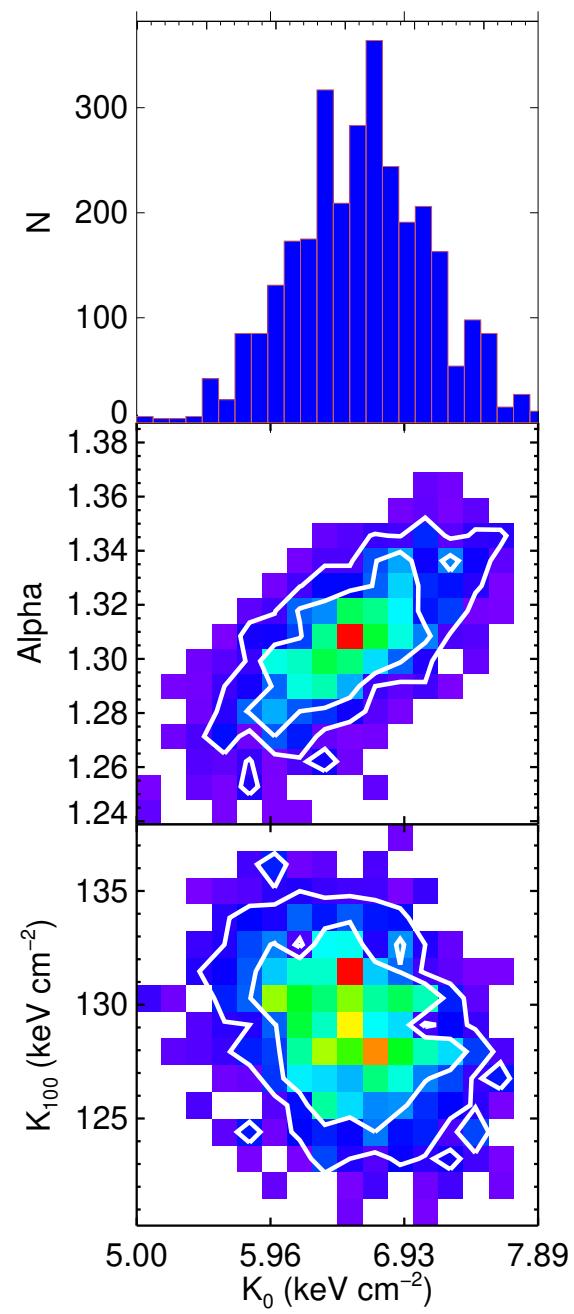










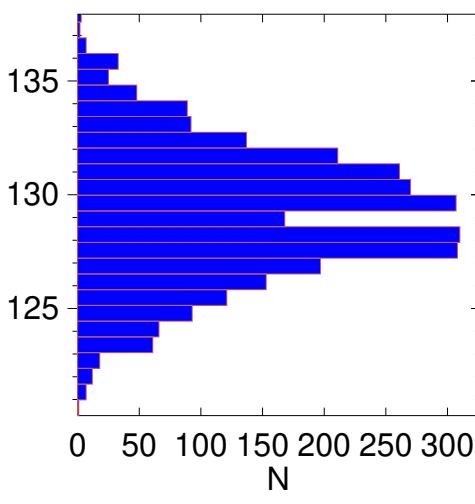
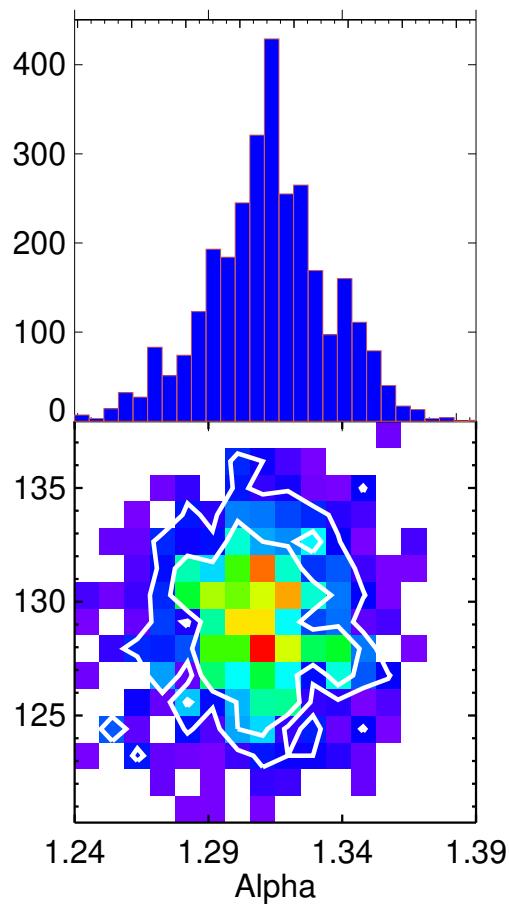


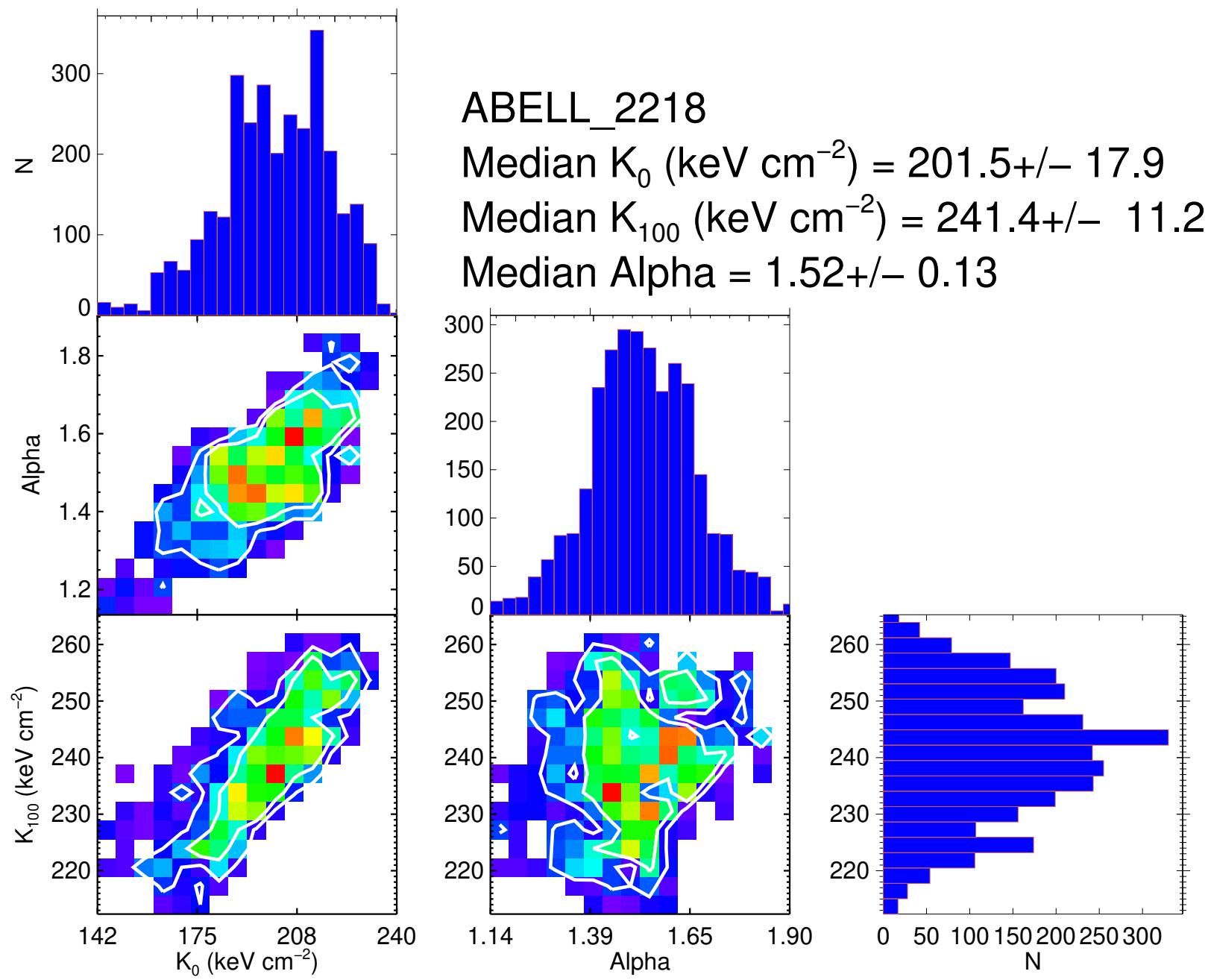
ABELL_2204

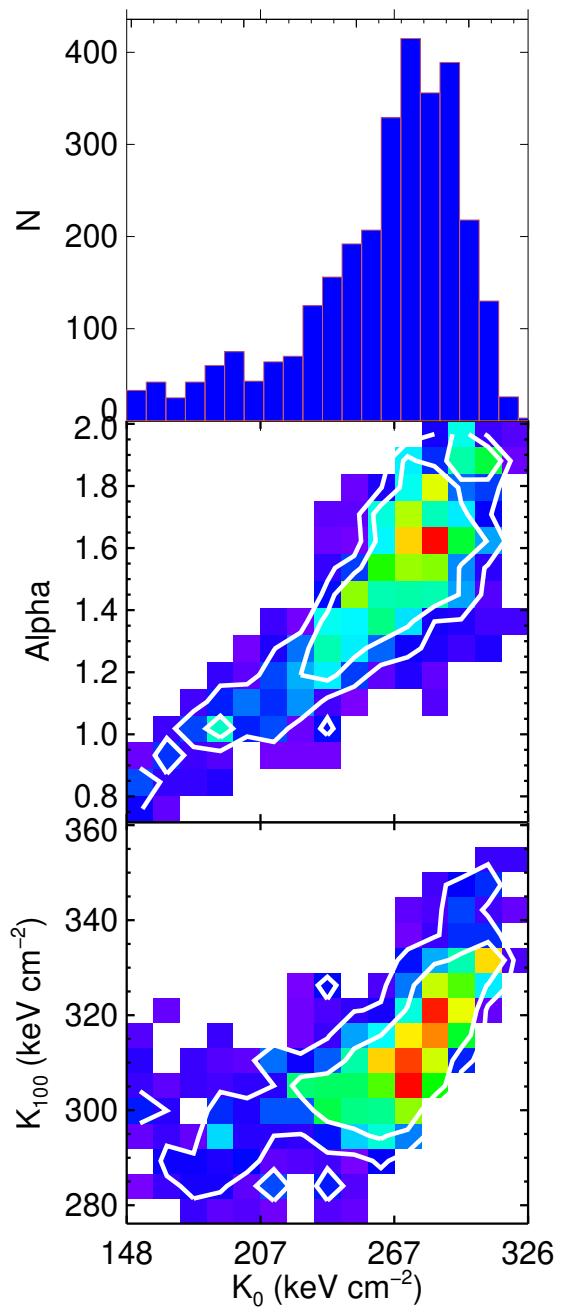
Median K_0 (keV cm $^{-2}$) = 6.6+/- 0.5

Median K_{100} (keV cm $^{-2}$) = 129.2+/- 2.9

Median Alpha = 1.31+/- 0.02





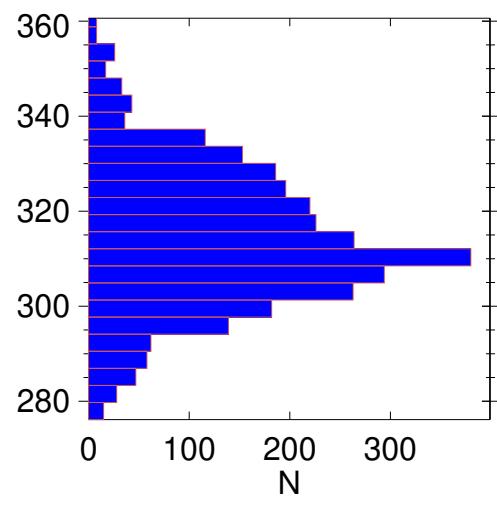
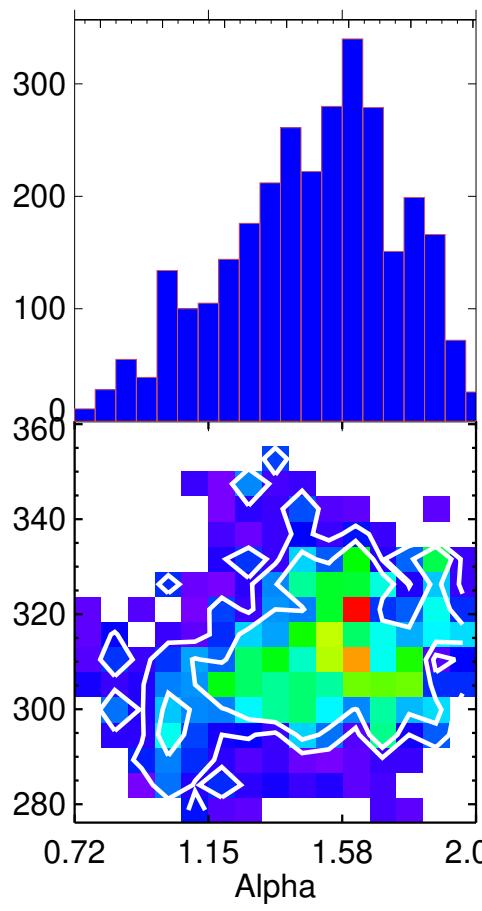


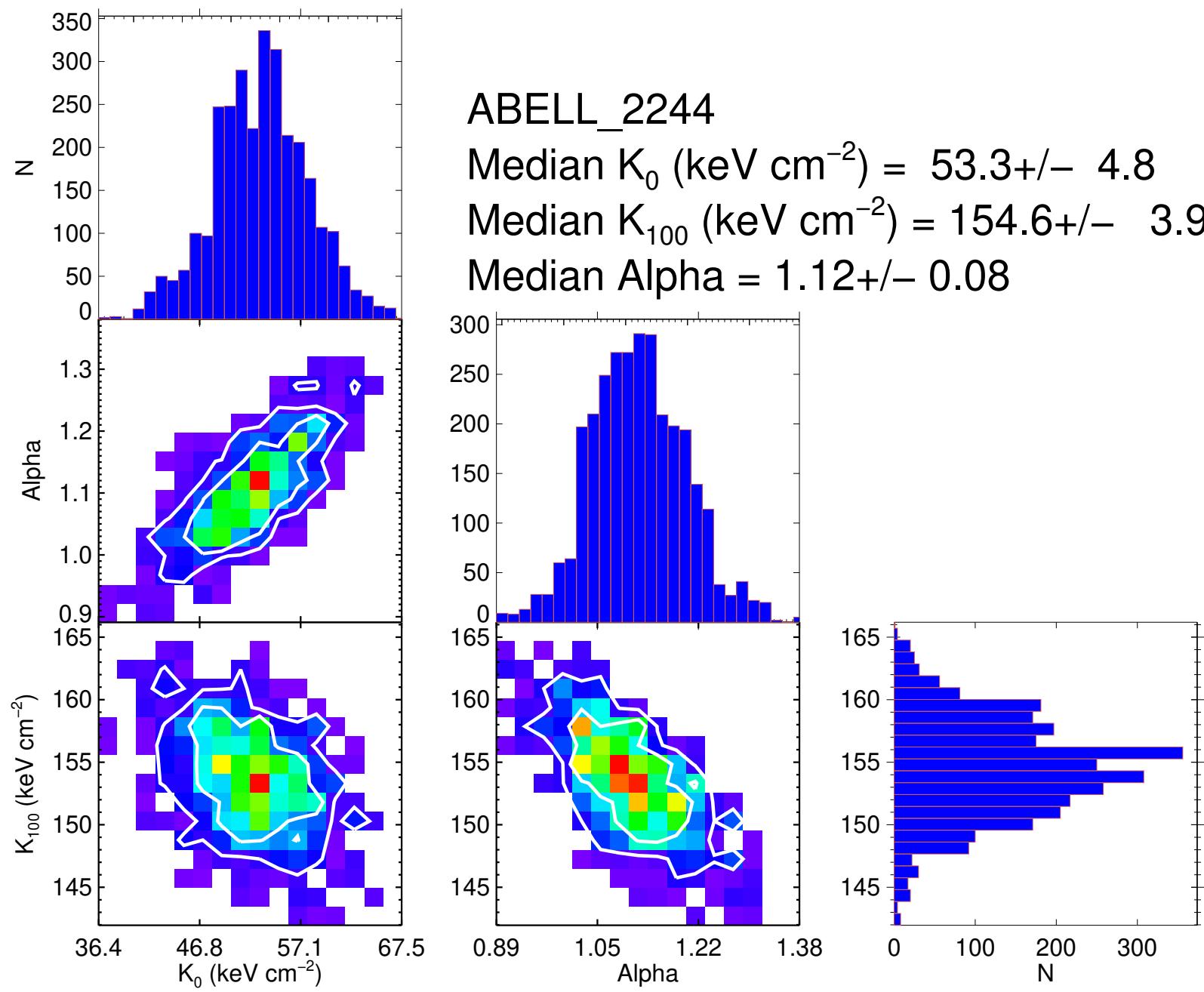
ABELL_2219

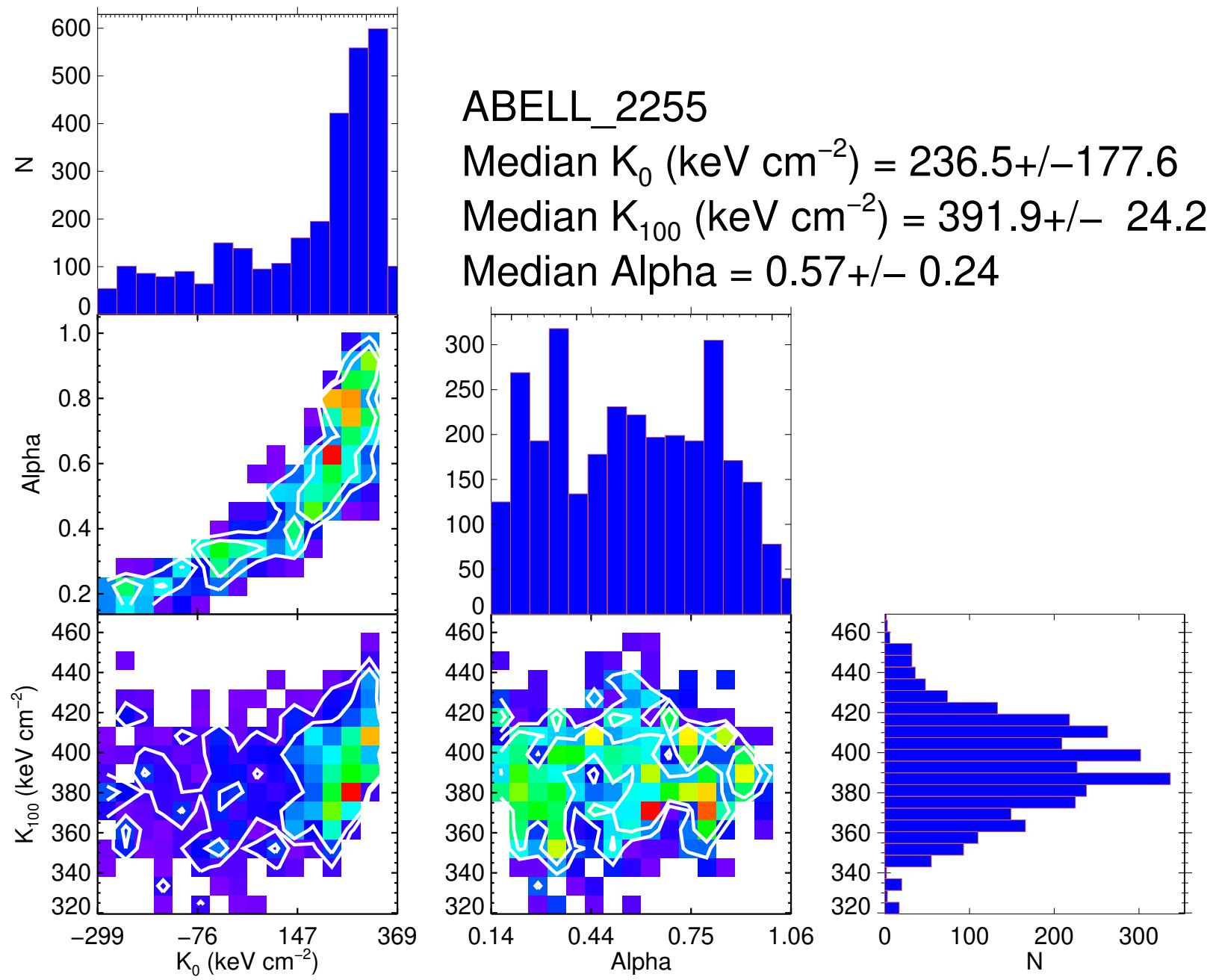
Median K_0 (keV cm^{-2}) = 271.0 ± 35.9

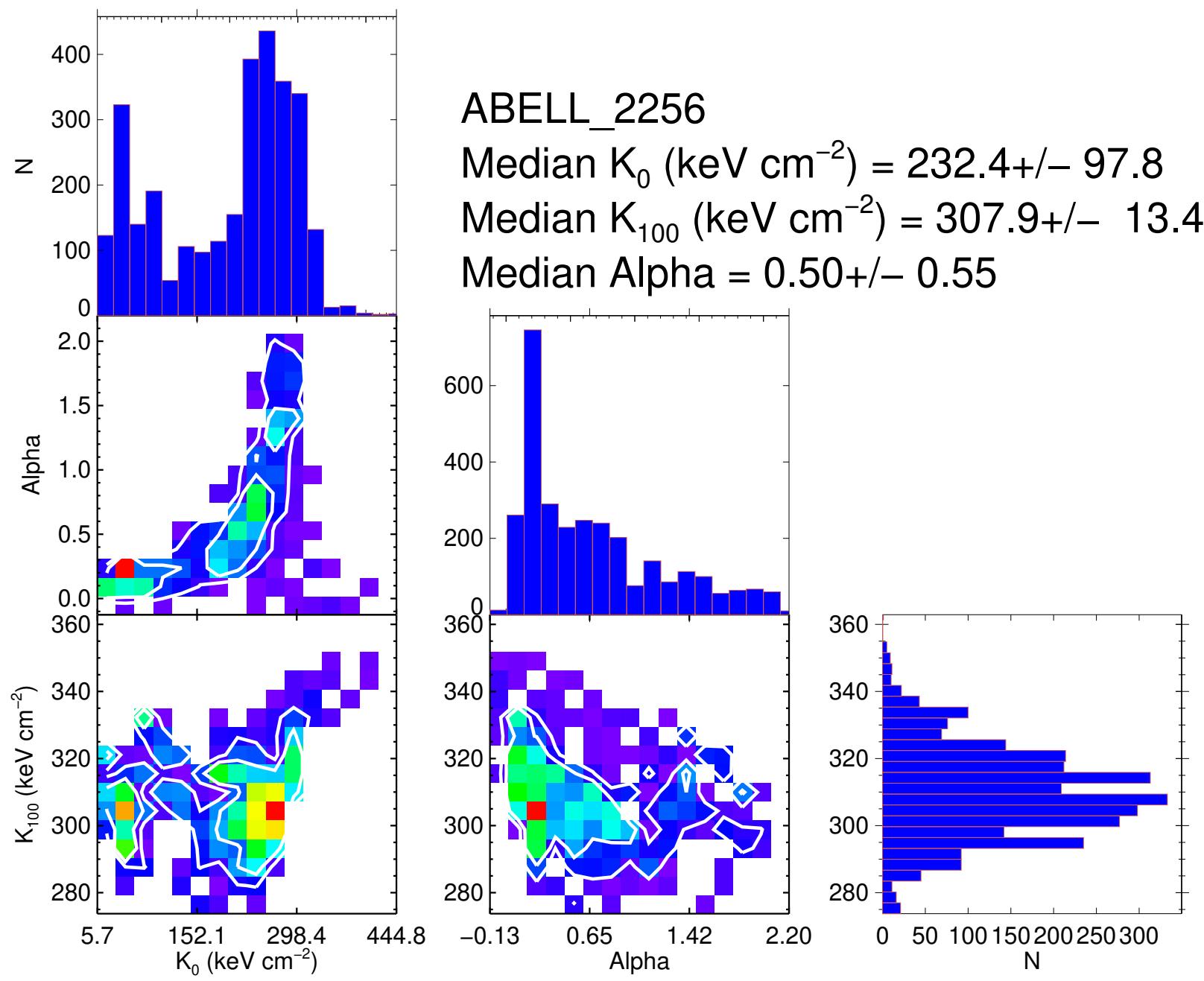
Median K_{100} (keV cm^{-2}) = 312.5 ± 14.8

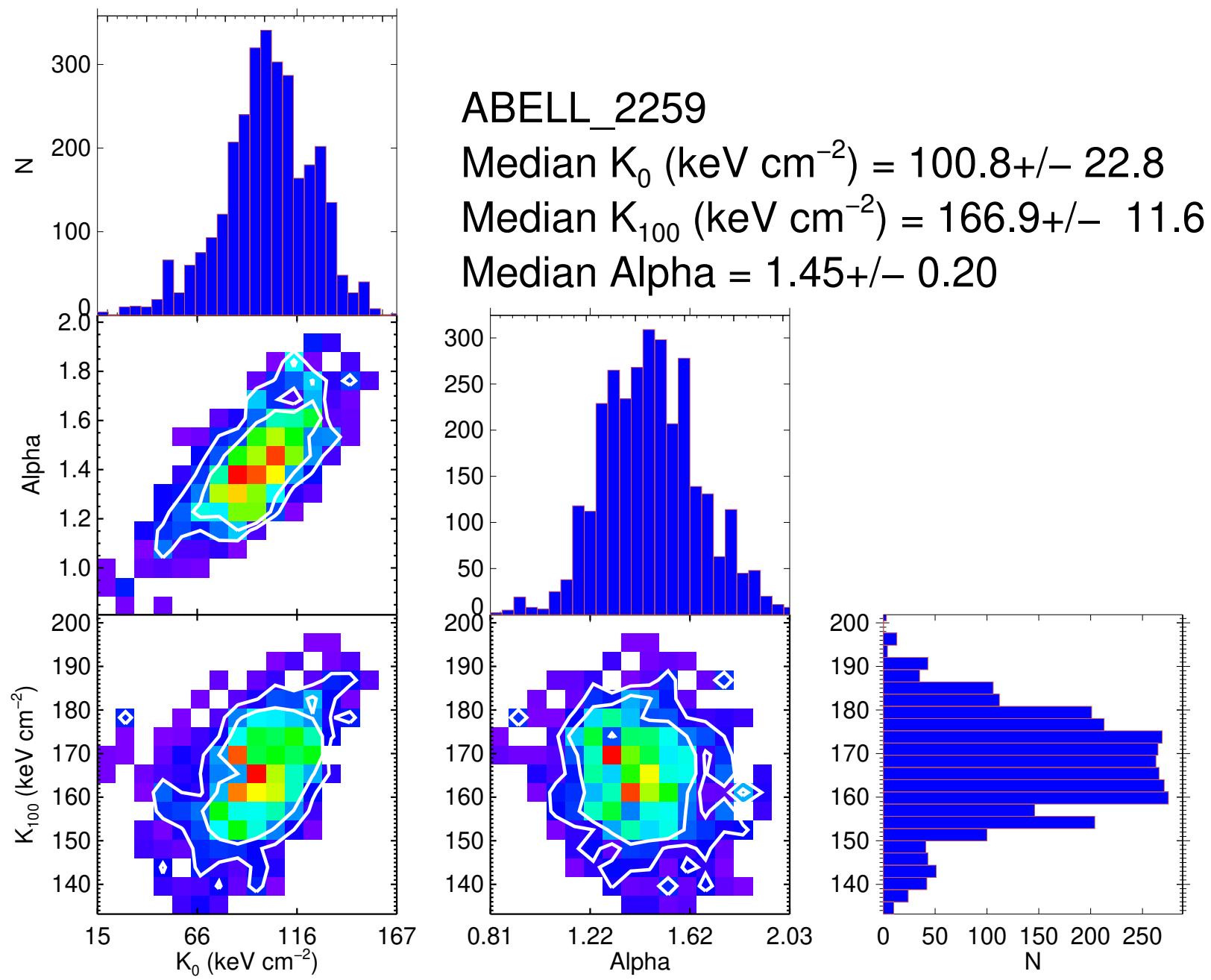
Median Alpha = 1.52 ± 0.27

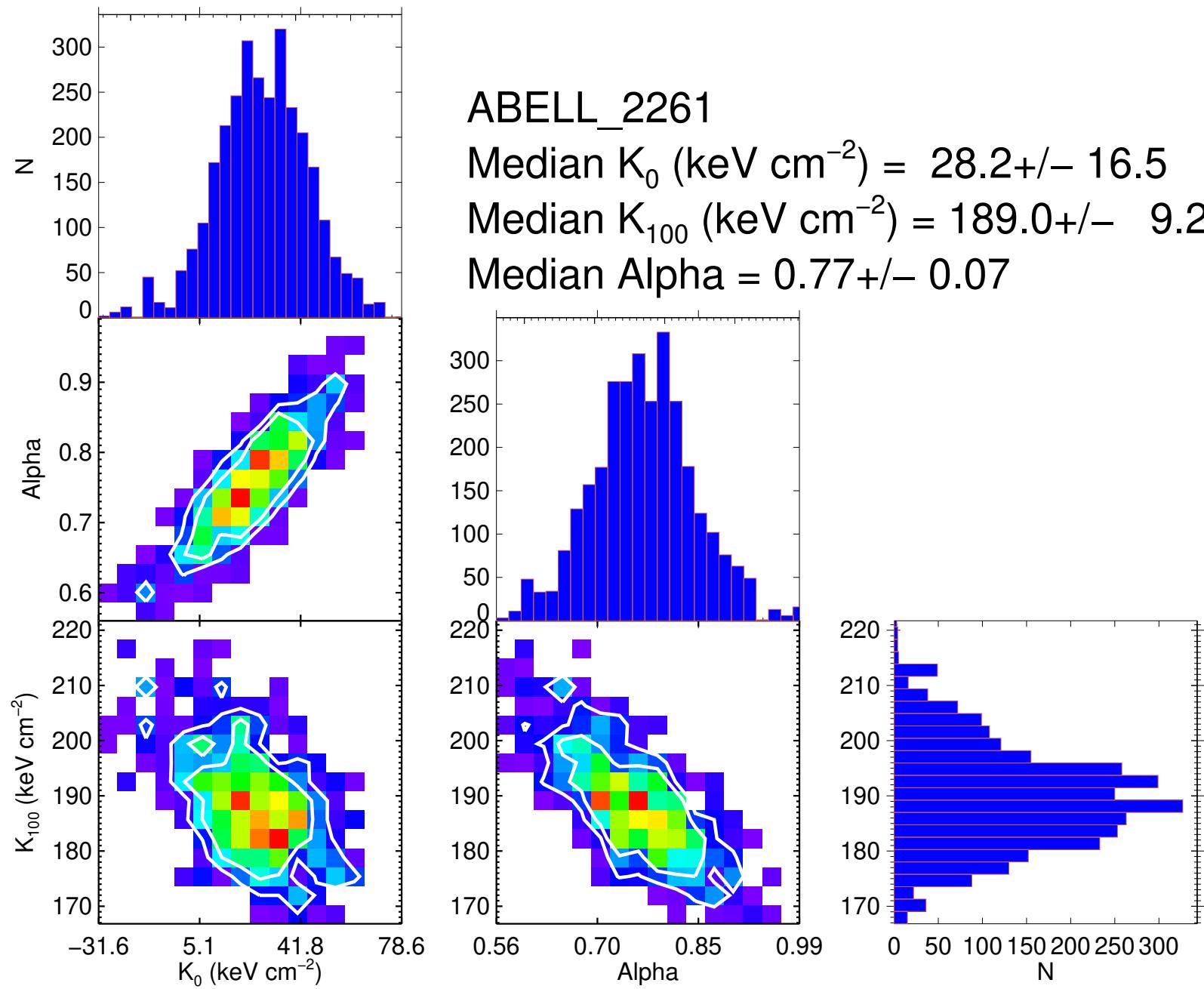


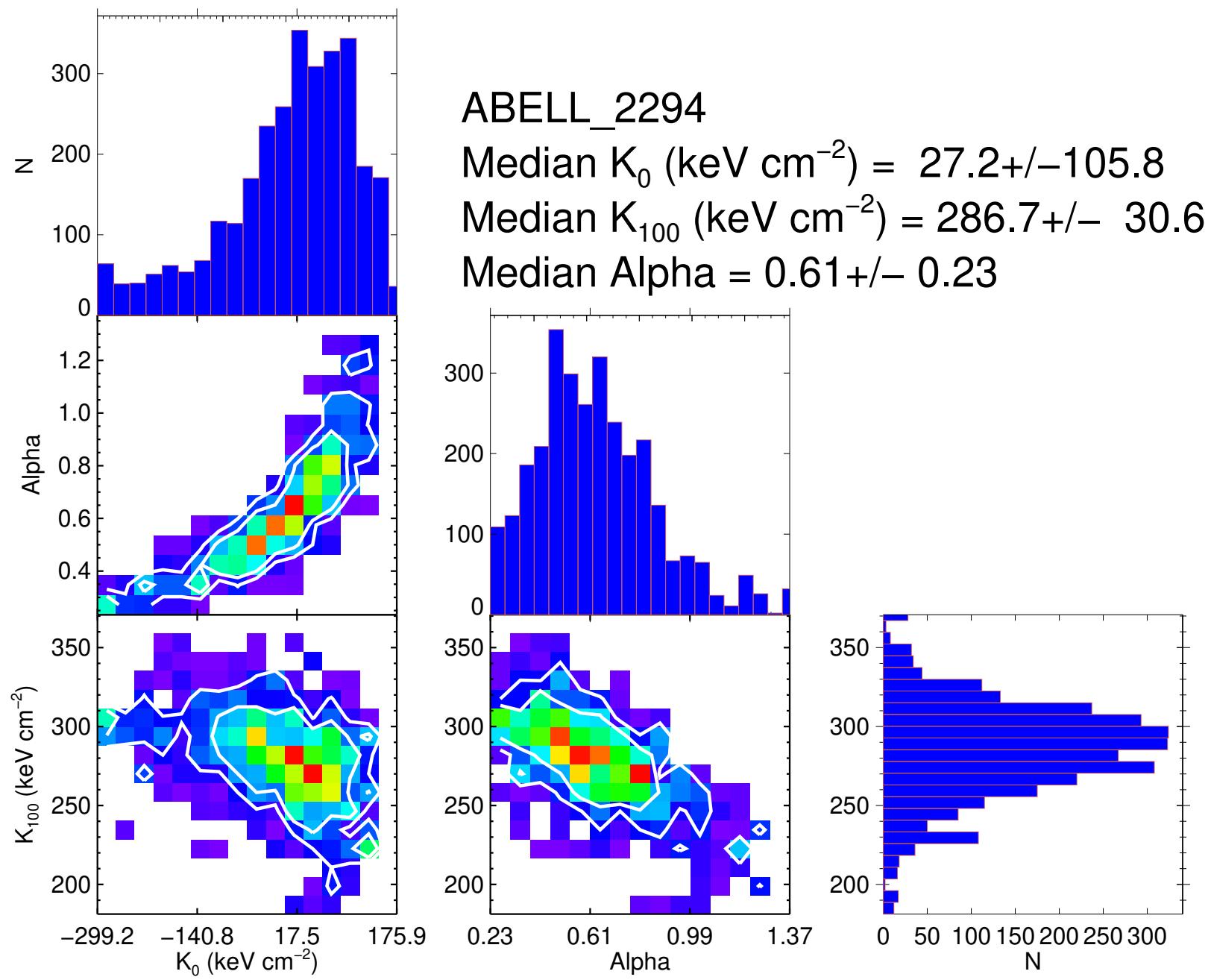


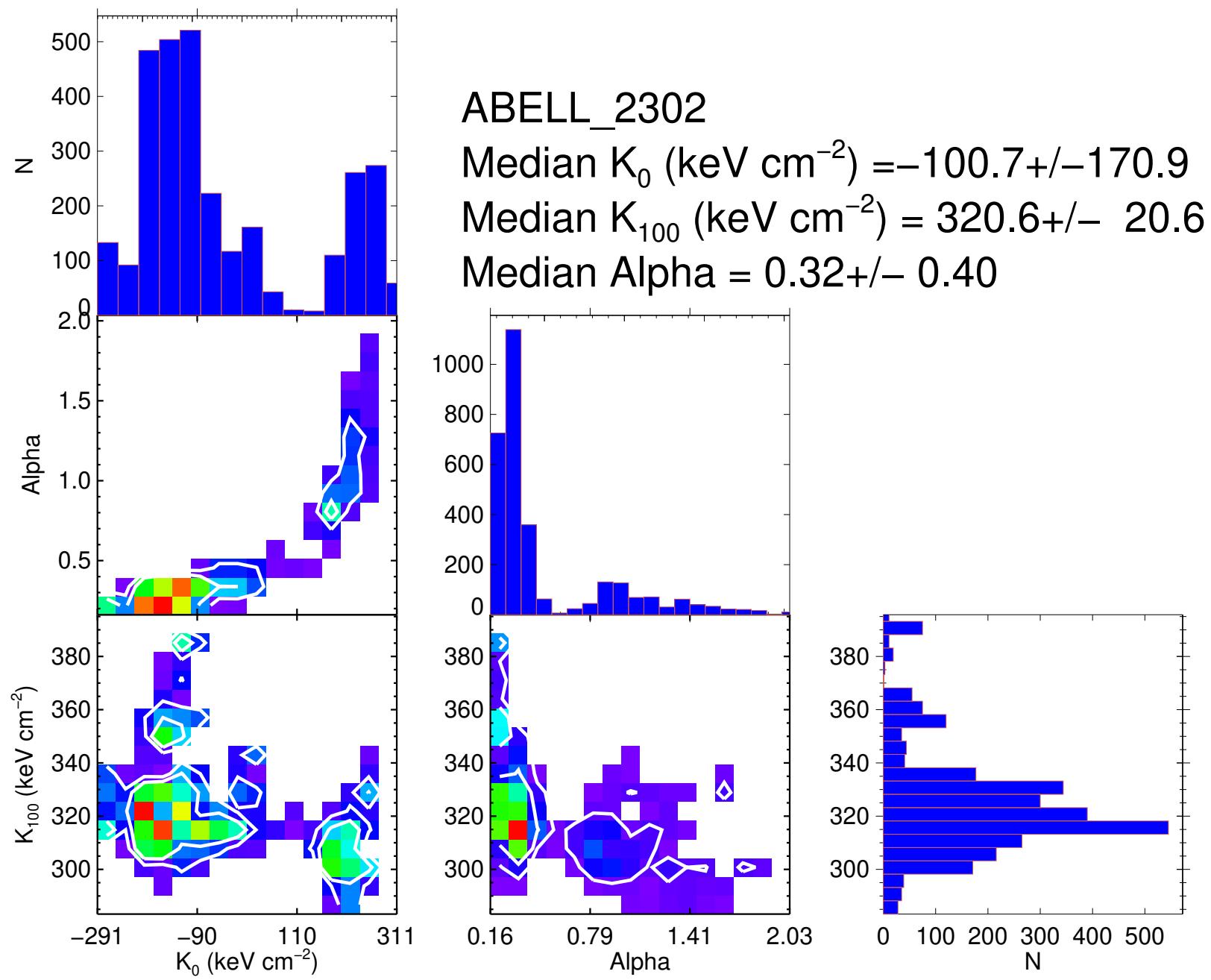


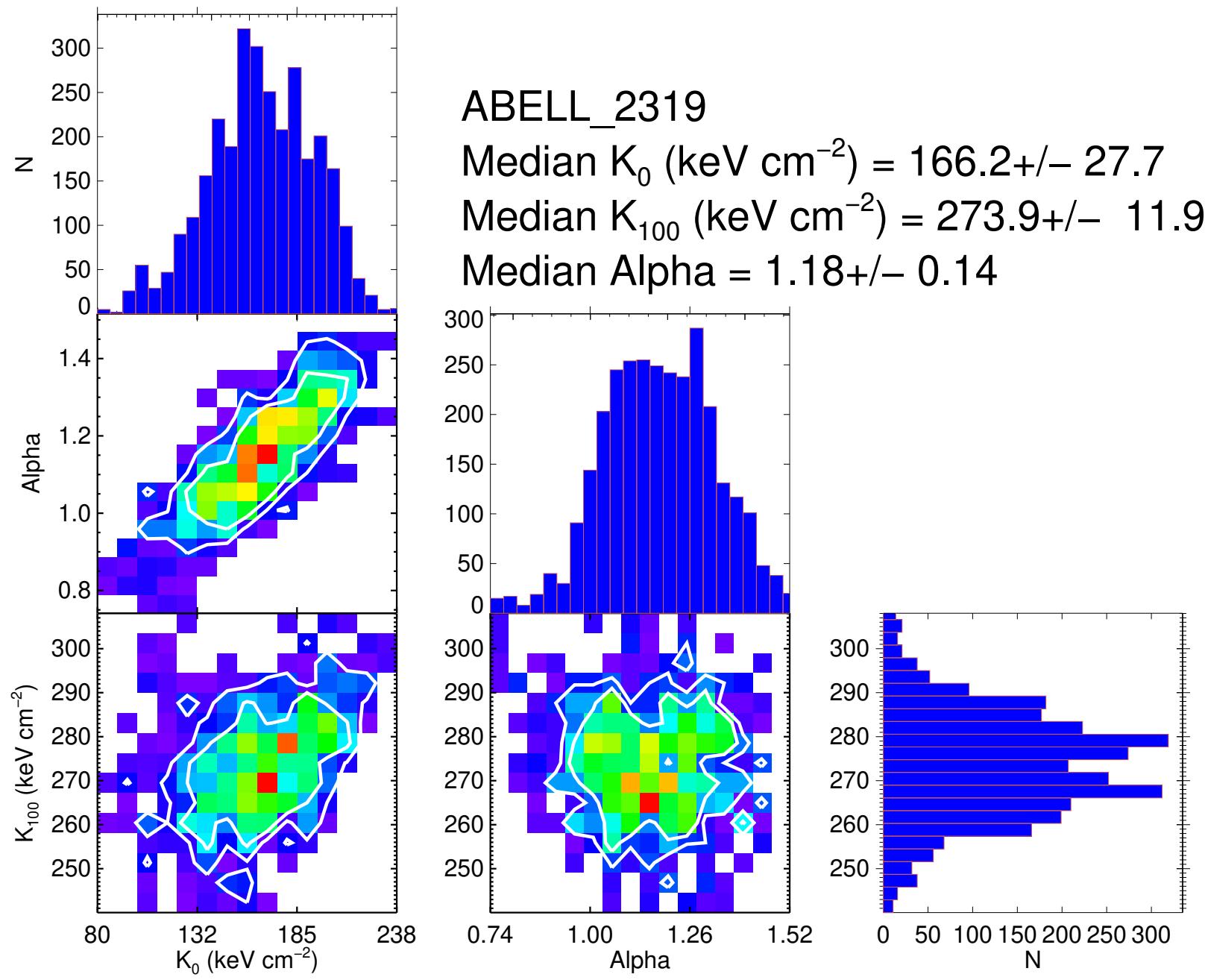


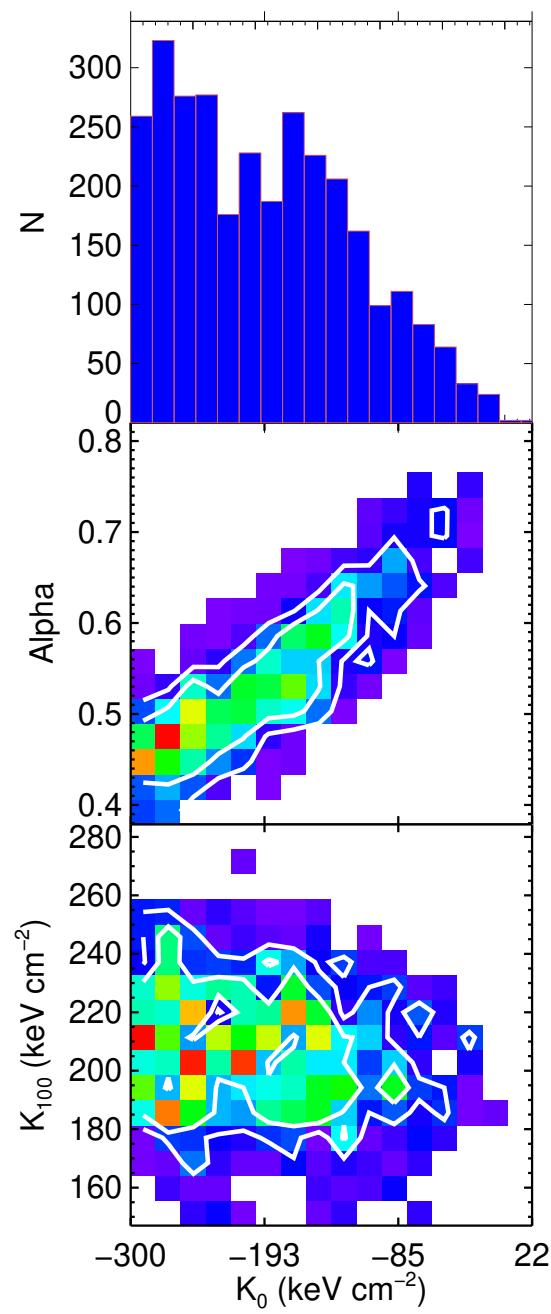










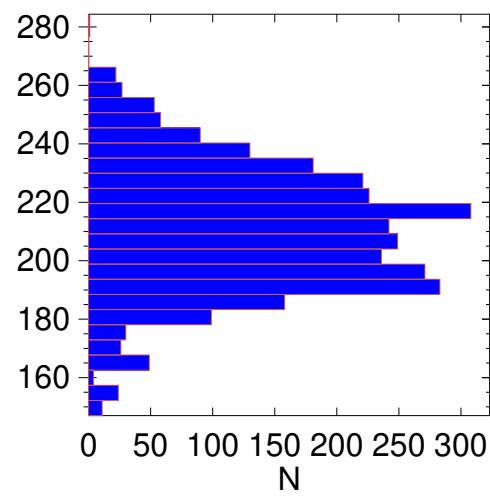
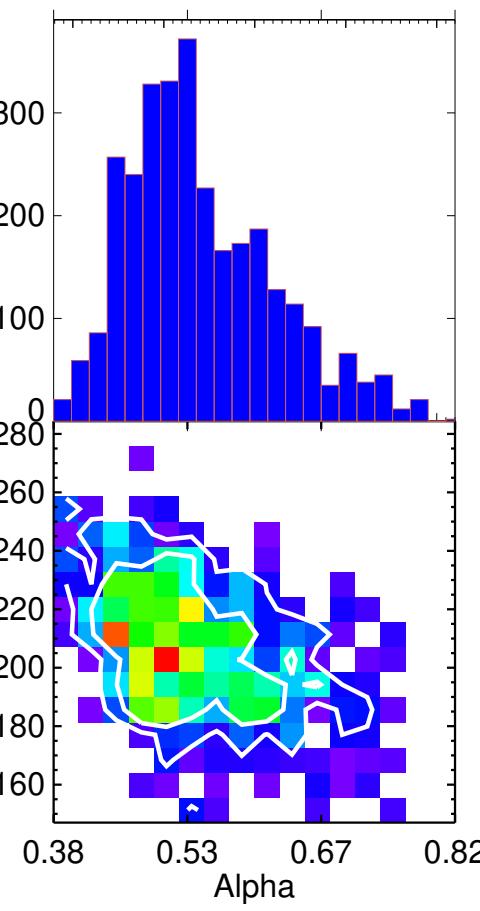


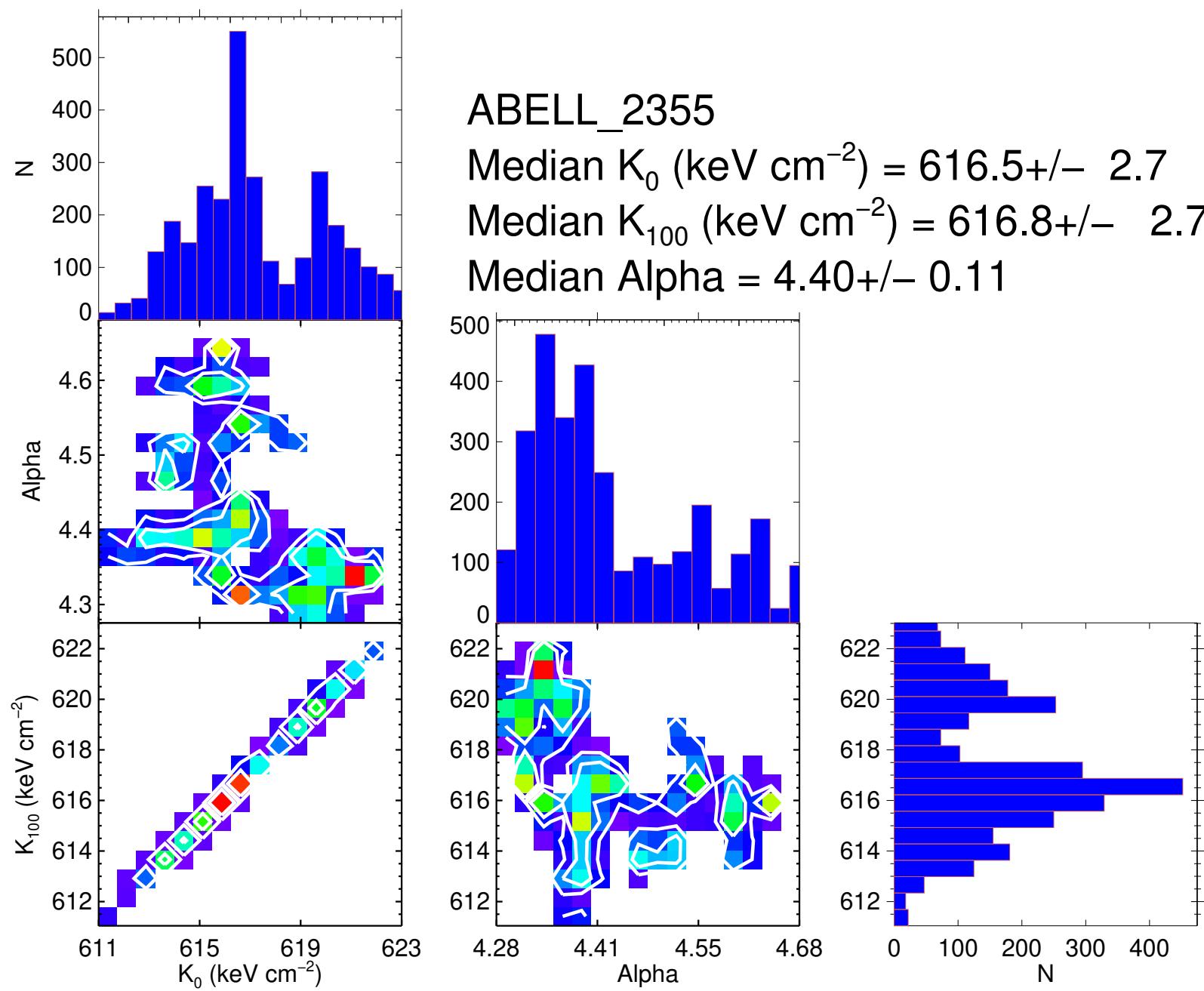
ABELL_2345

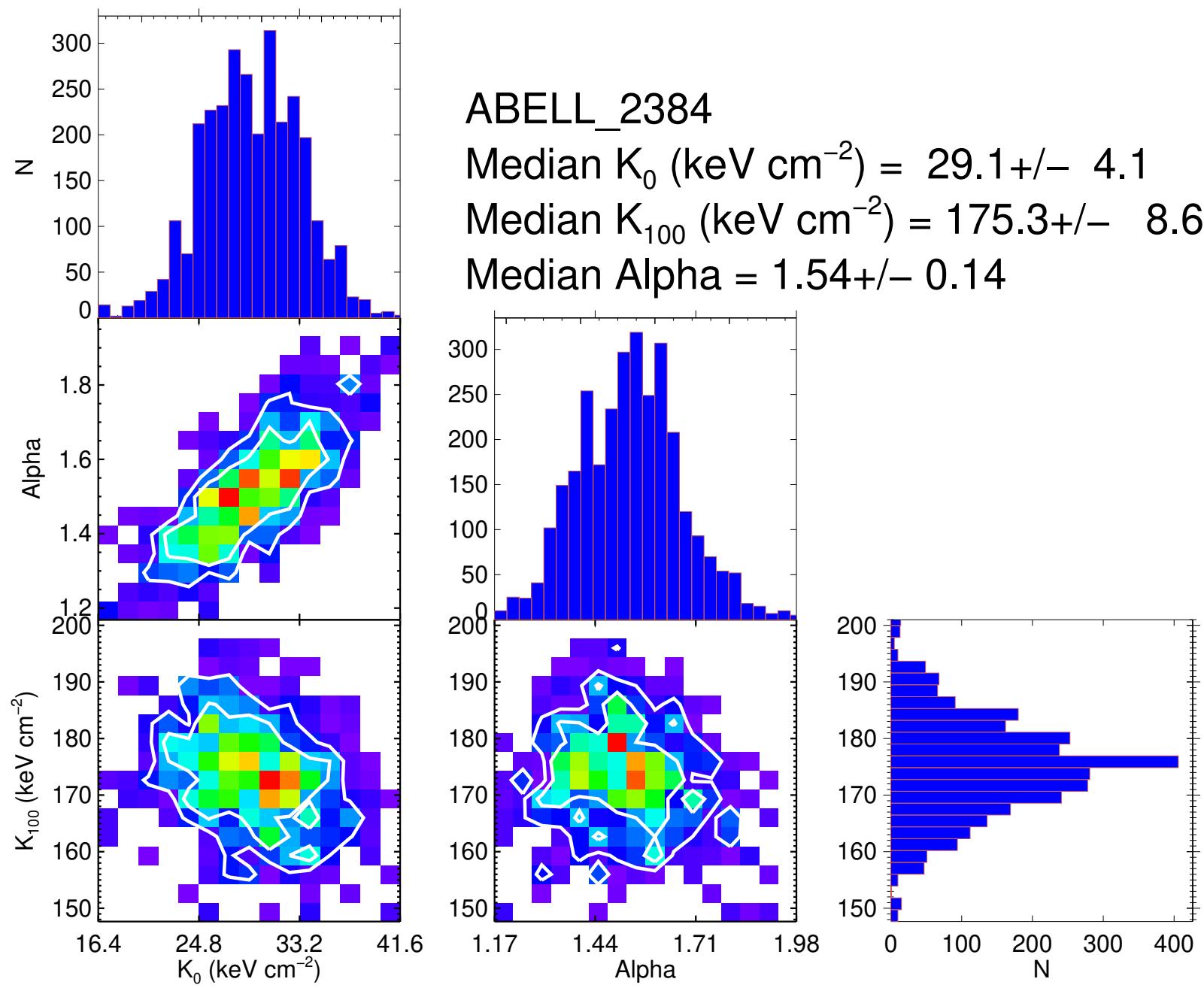
Median K_0 (keV cm^{-2}) = -198.8 ± 71.7

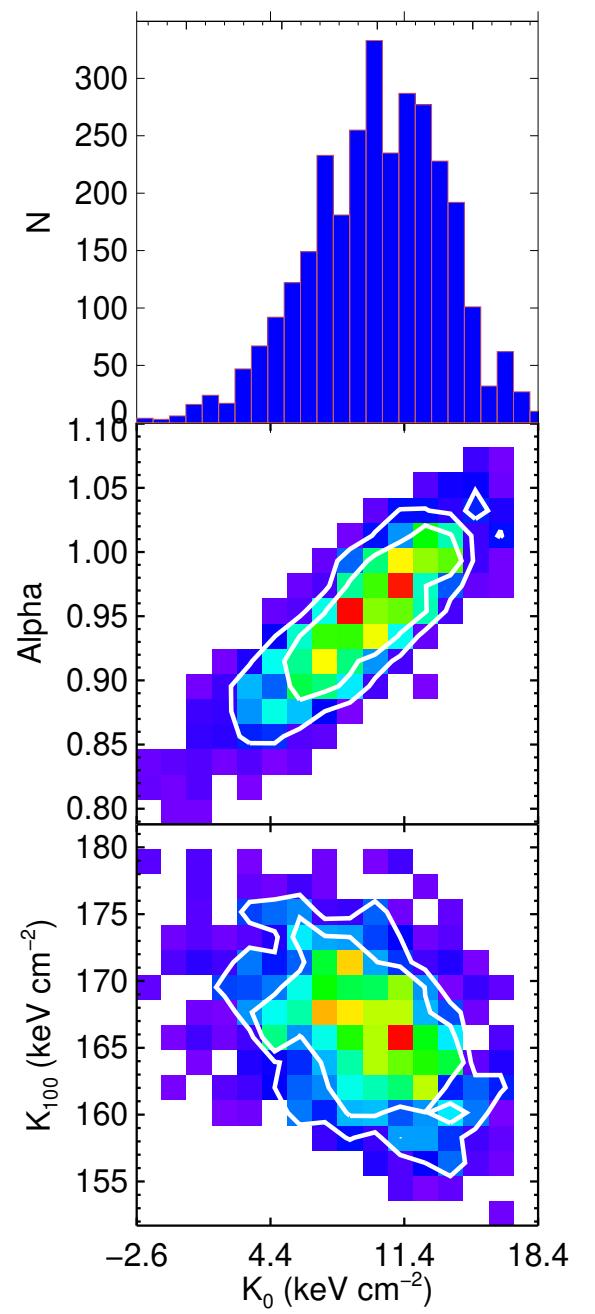
Median K_{100} (keV cm^{-2}) = 210.9 ± 21.4

Median Alpha = 0.53 ± 0.08

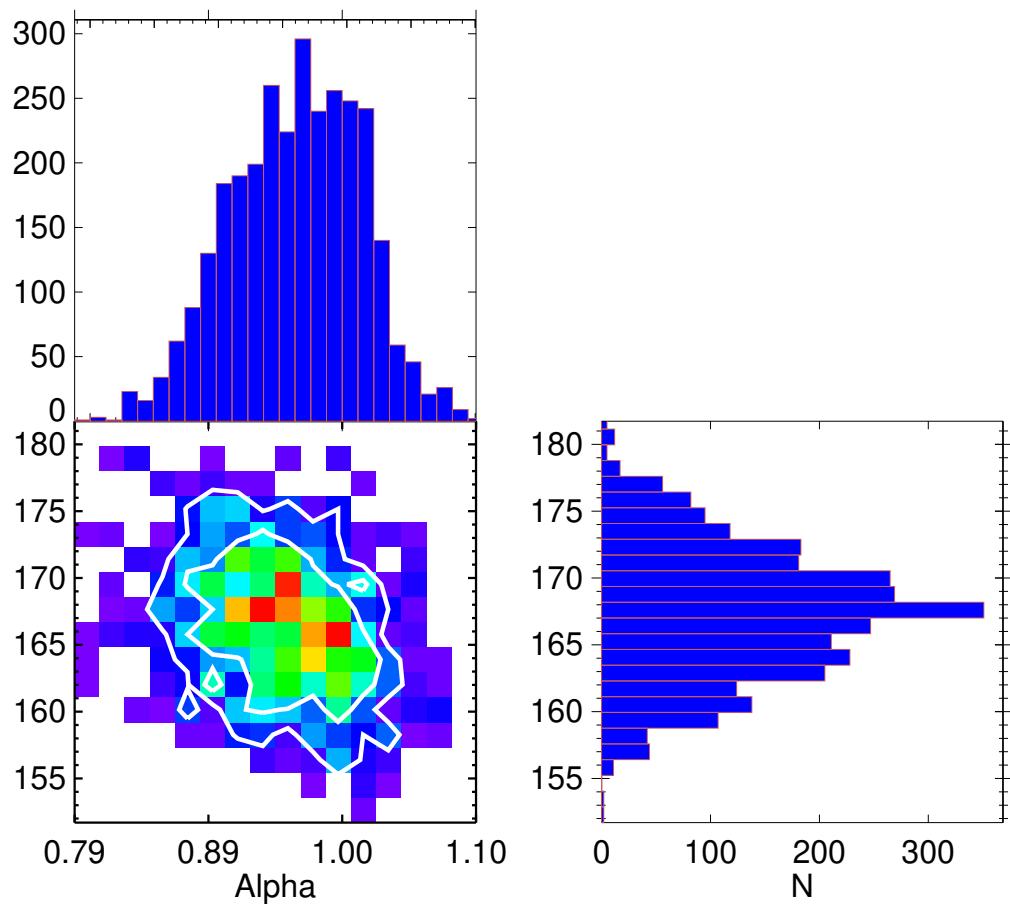


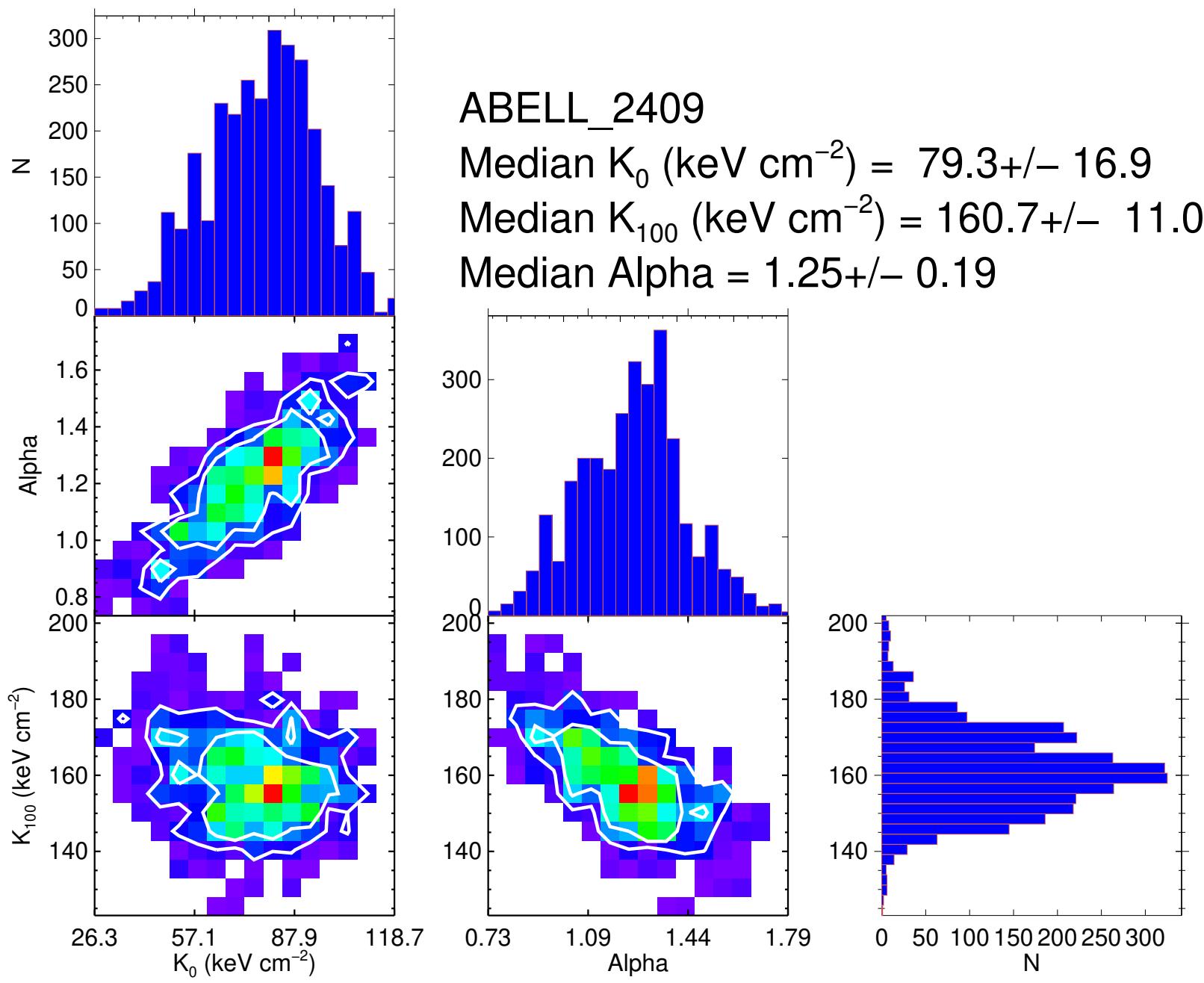


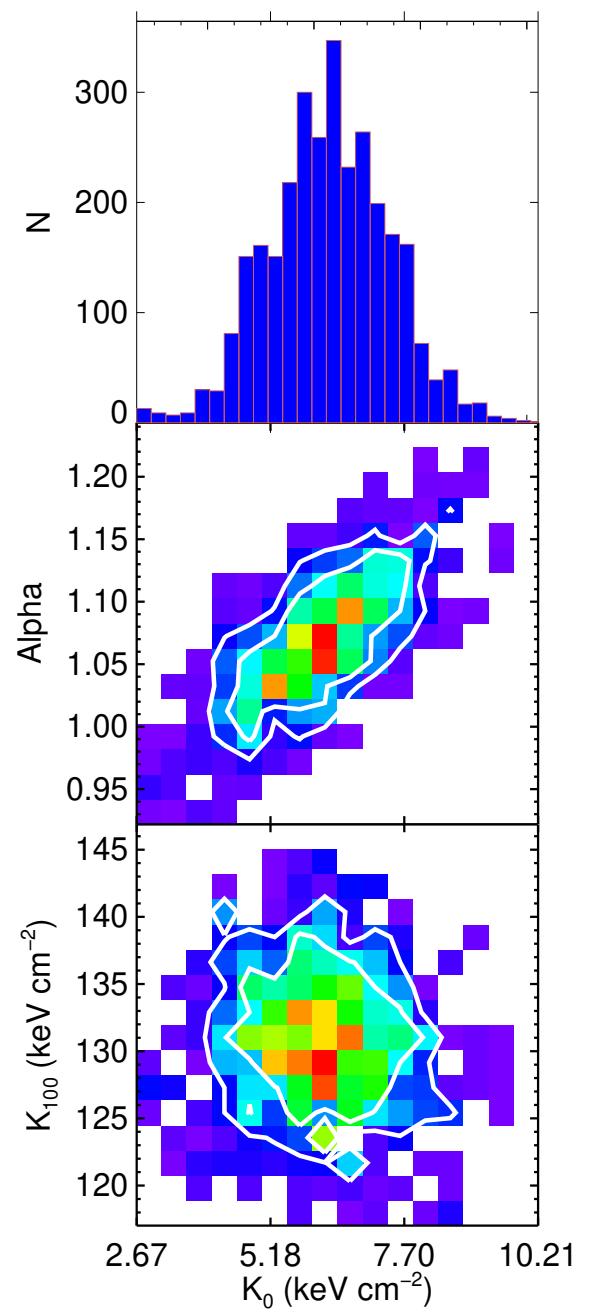




ABELL_2390
 Median K_0 (keV cm $^{-2}$) = $10.2+/- 3.5$
 Median K_{100} (keV cm $^{-2}$) = $167.4+/- 4.9$
 Median Alpha = $0.96+/- 0.05$





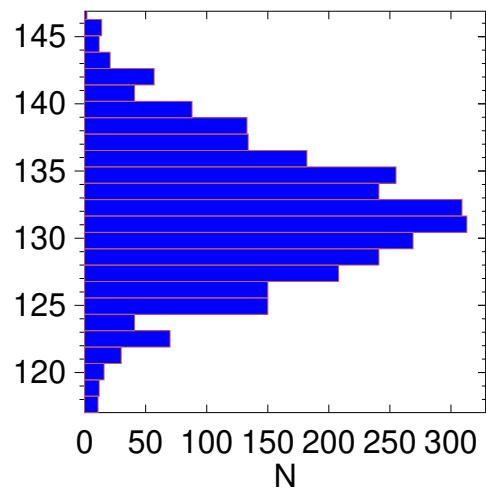
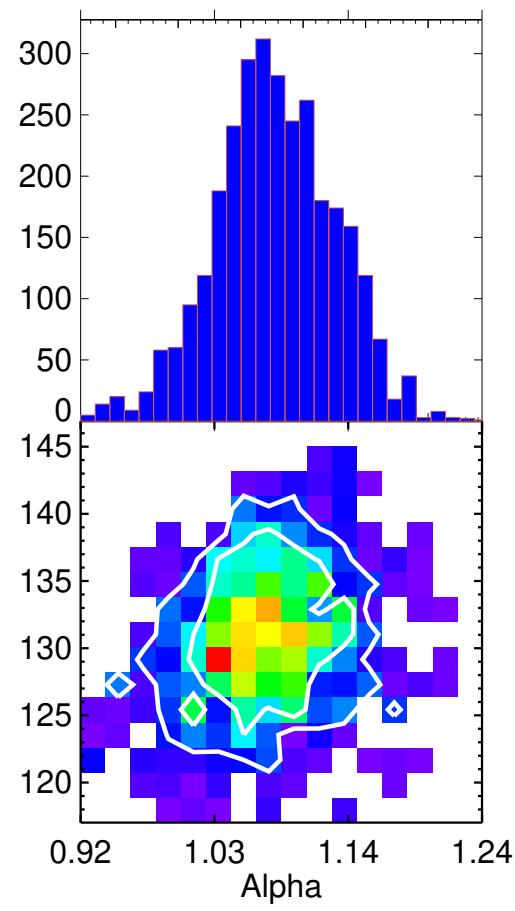
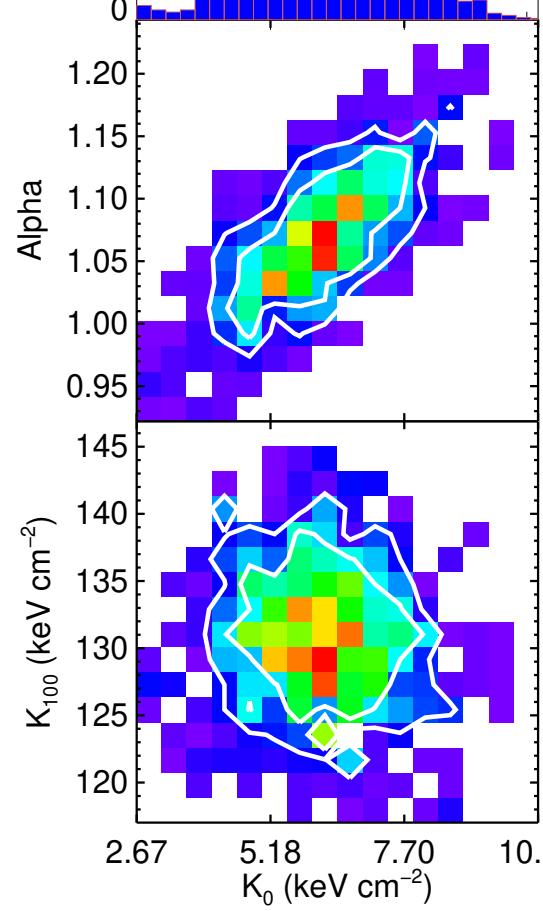


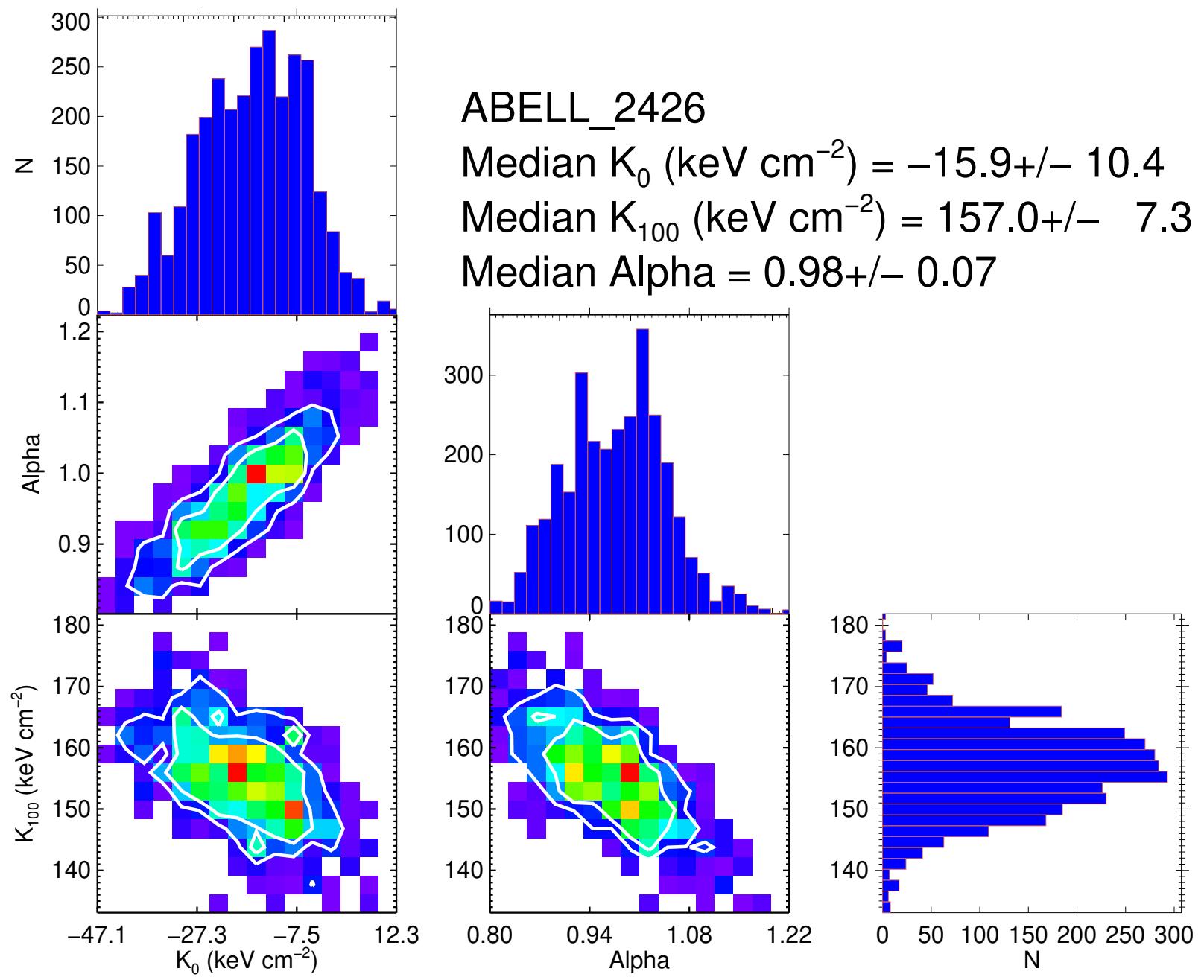
ABELL_2415

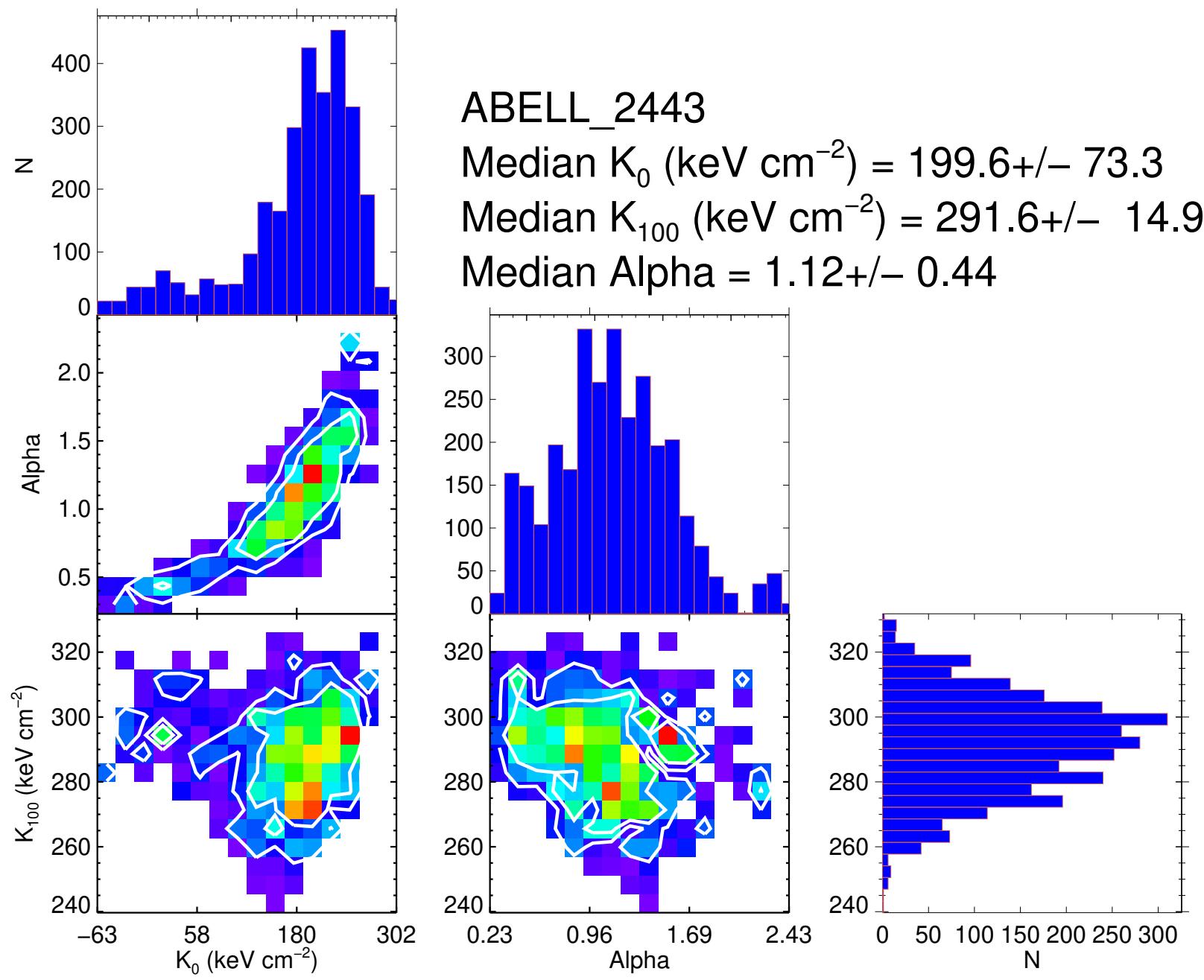
Median K_0 (keV cm $^{-2}$) = 6.3+/- 1.1

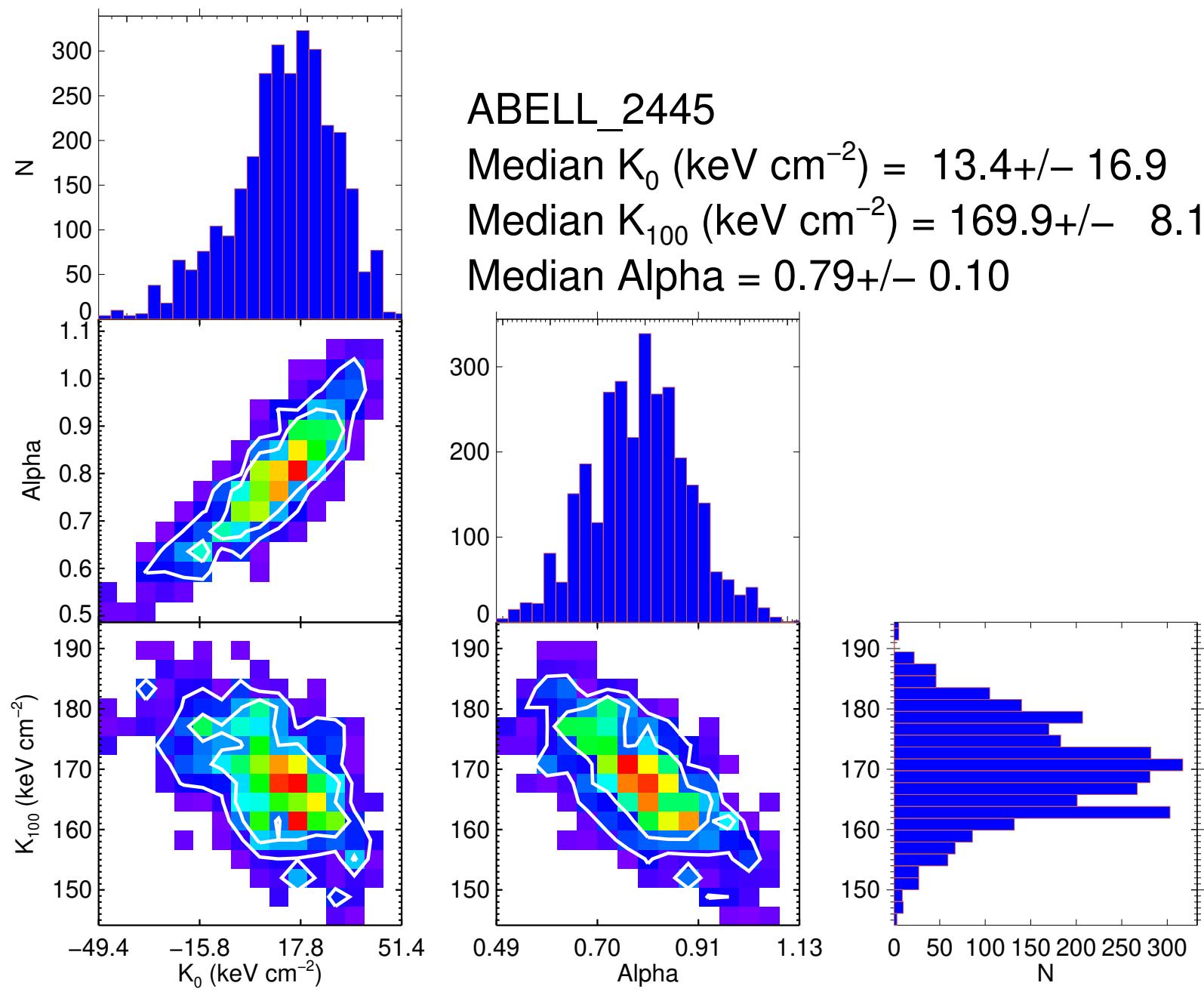
Median K_{100} (keV cm $^{-2}$) = 131.6+/- 5.0

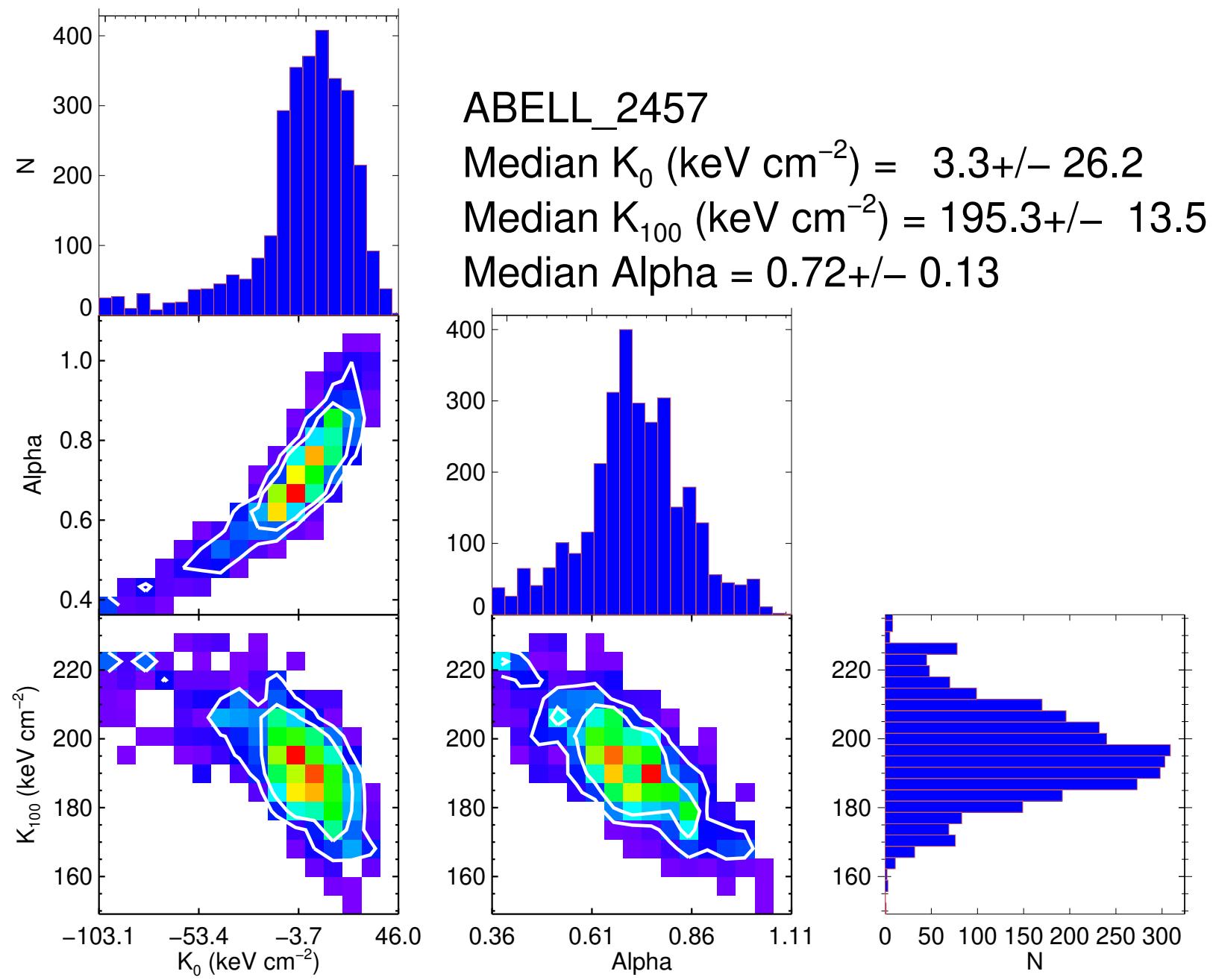
Median Alpha = 1.08+/- 0.05

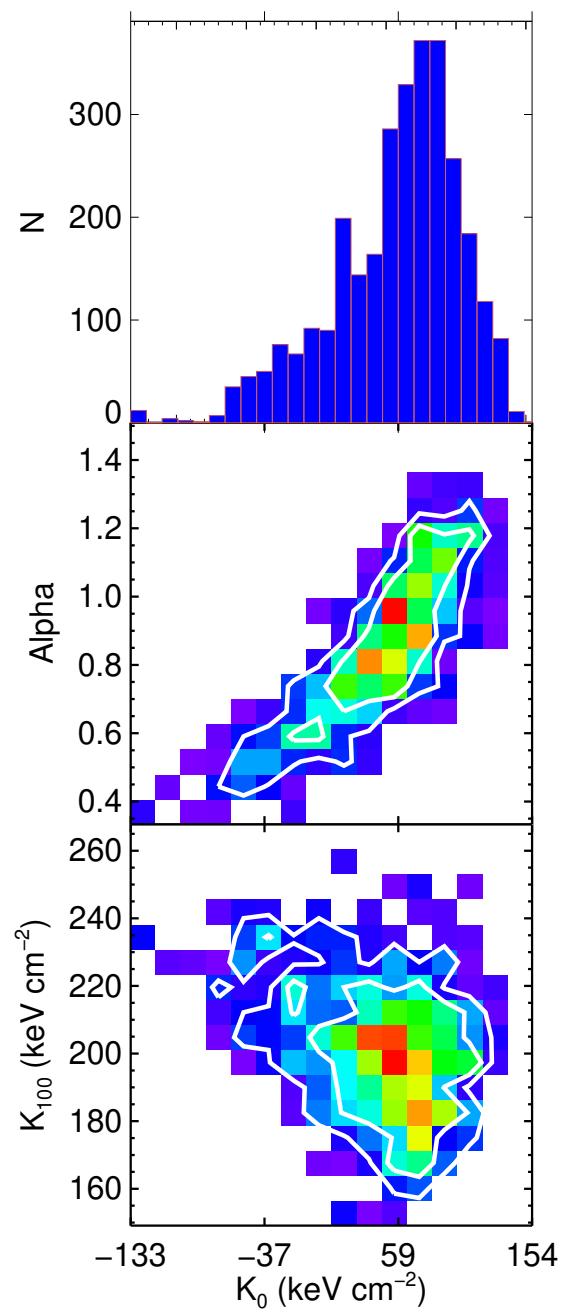










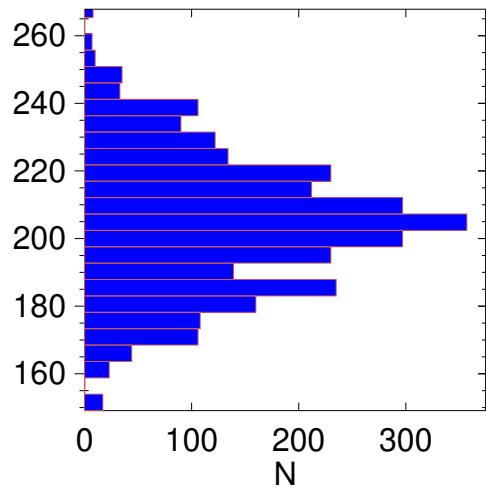
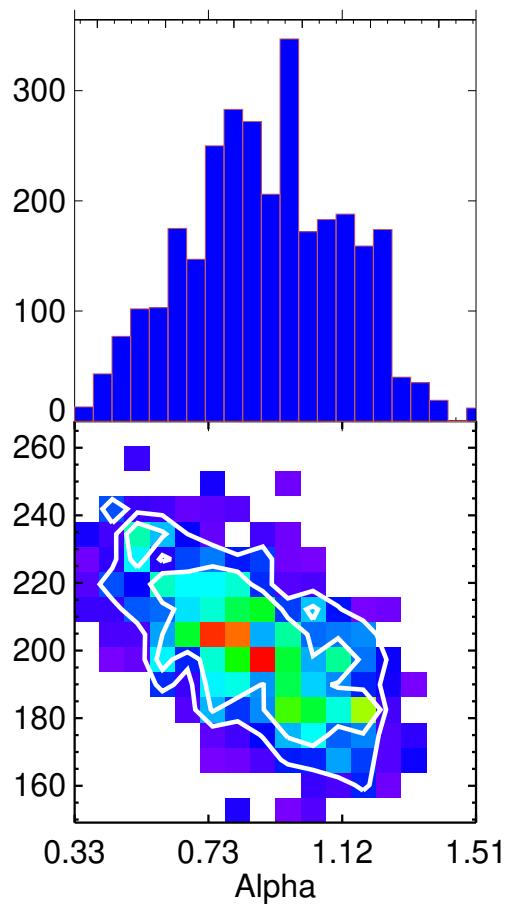


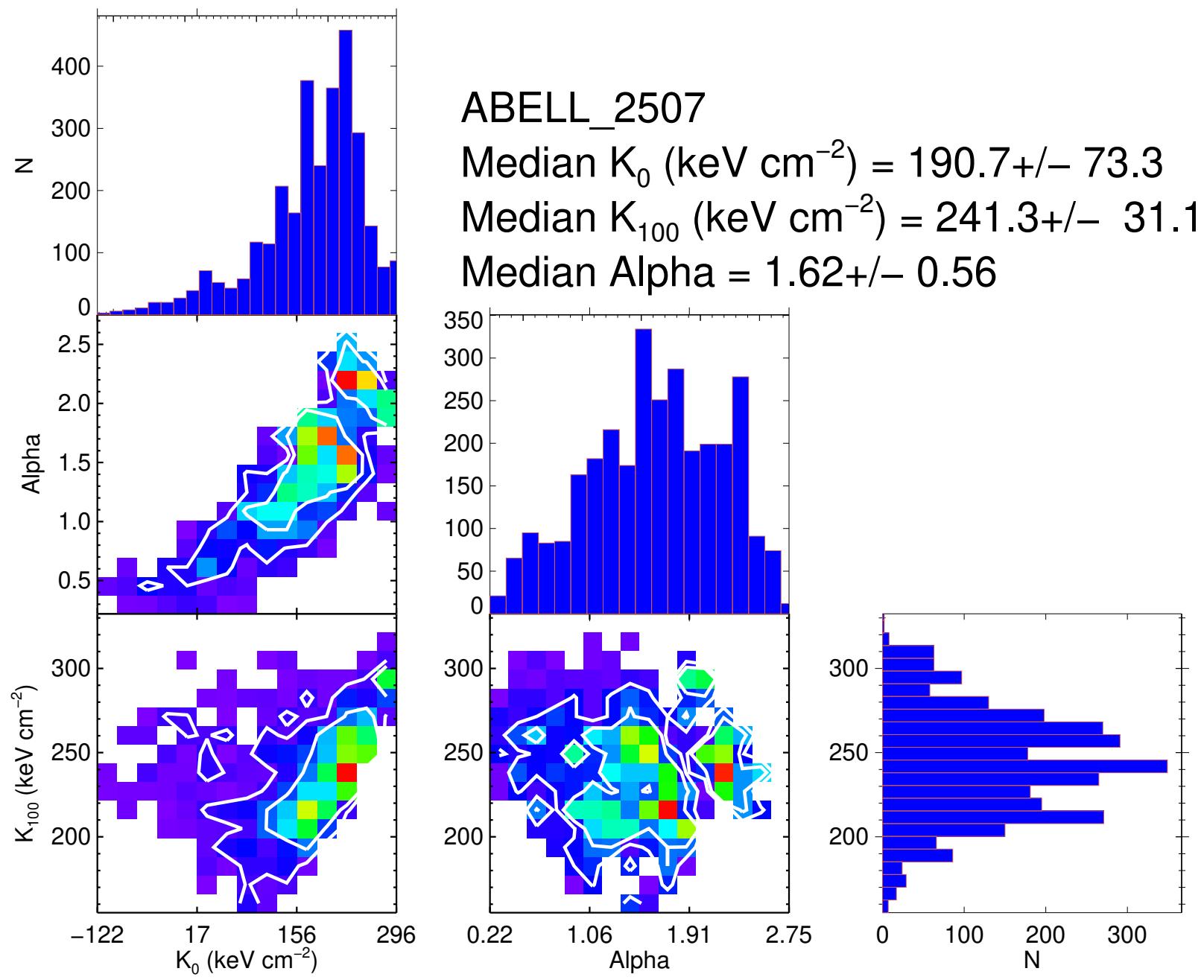
ABELL_2485

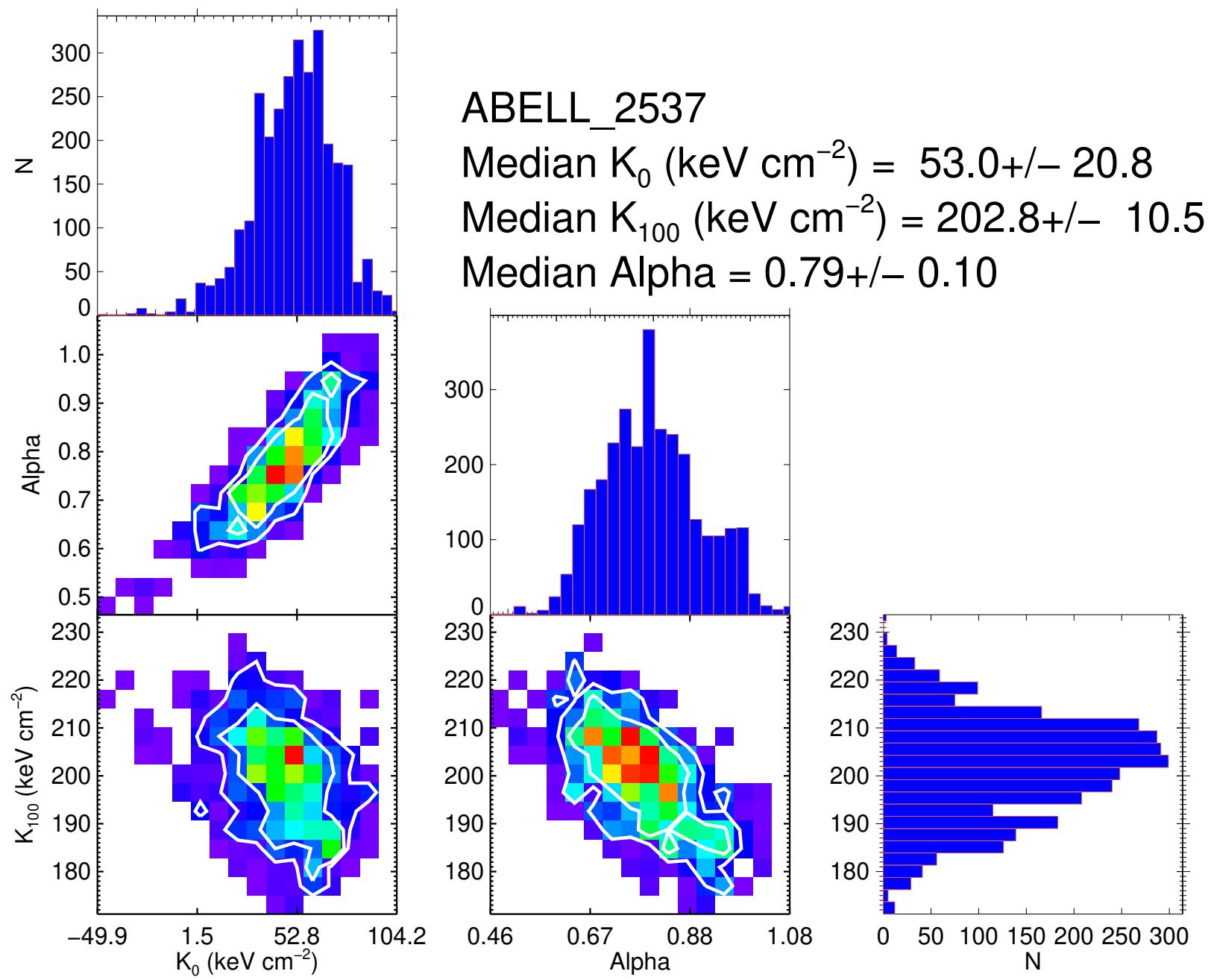
Median K_0 (keV cm $^{-2}$) = 67.0+/- 46.4

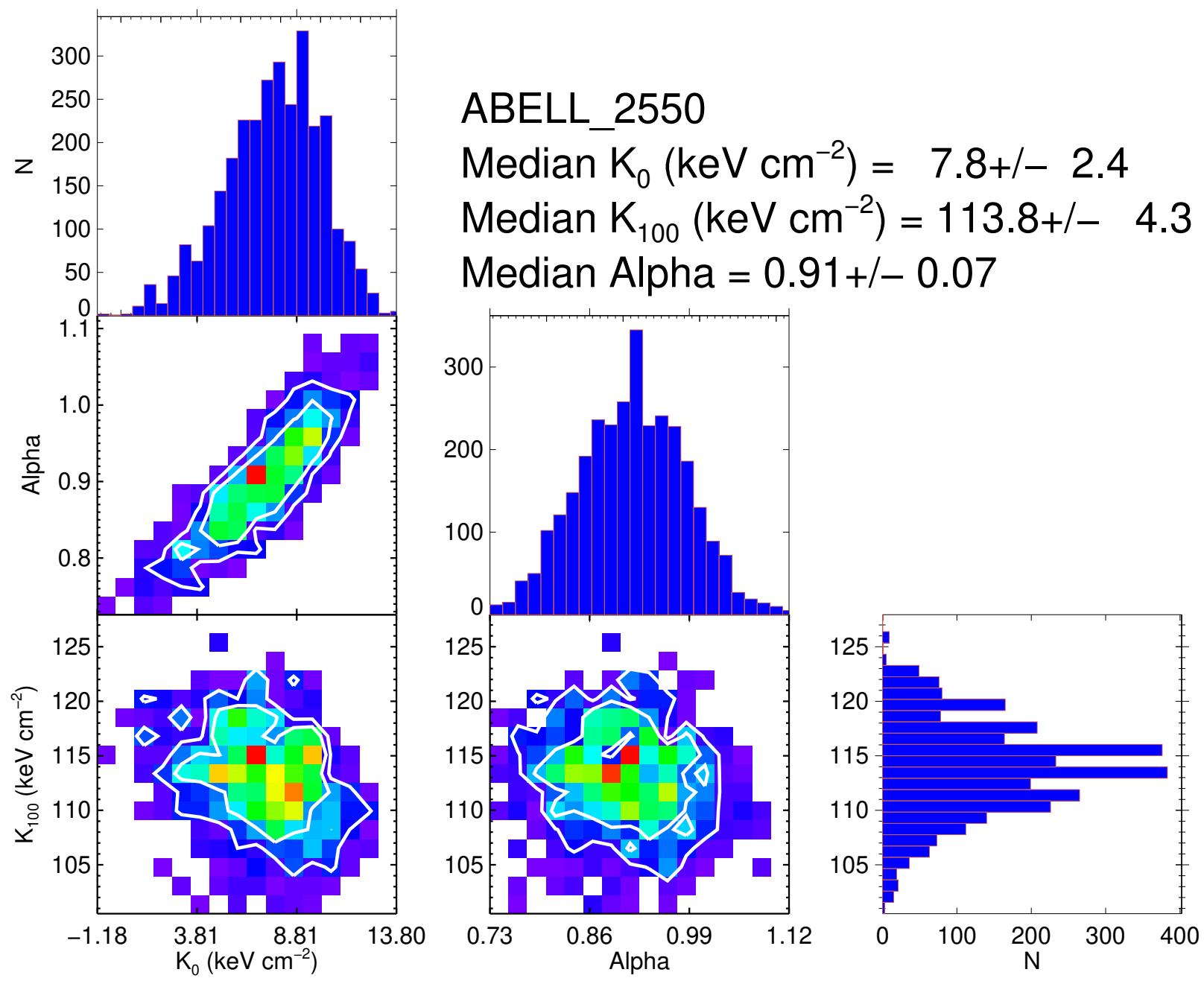
Median K_{100} (keV cm $^{-2}$) = 204.1+/- 20.0

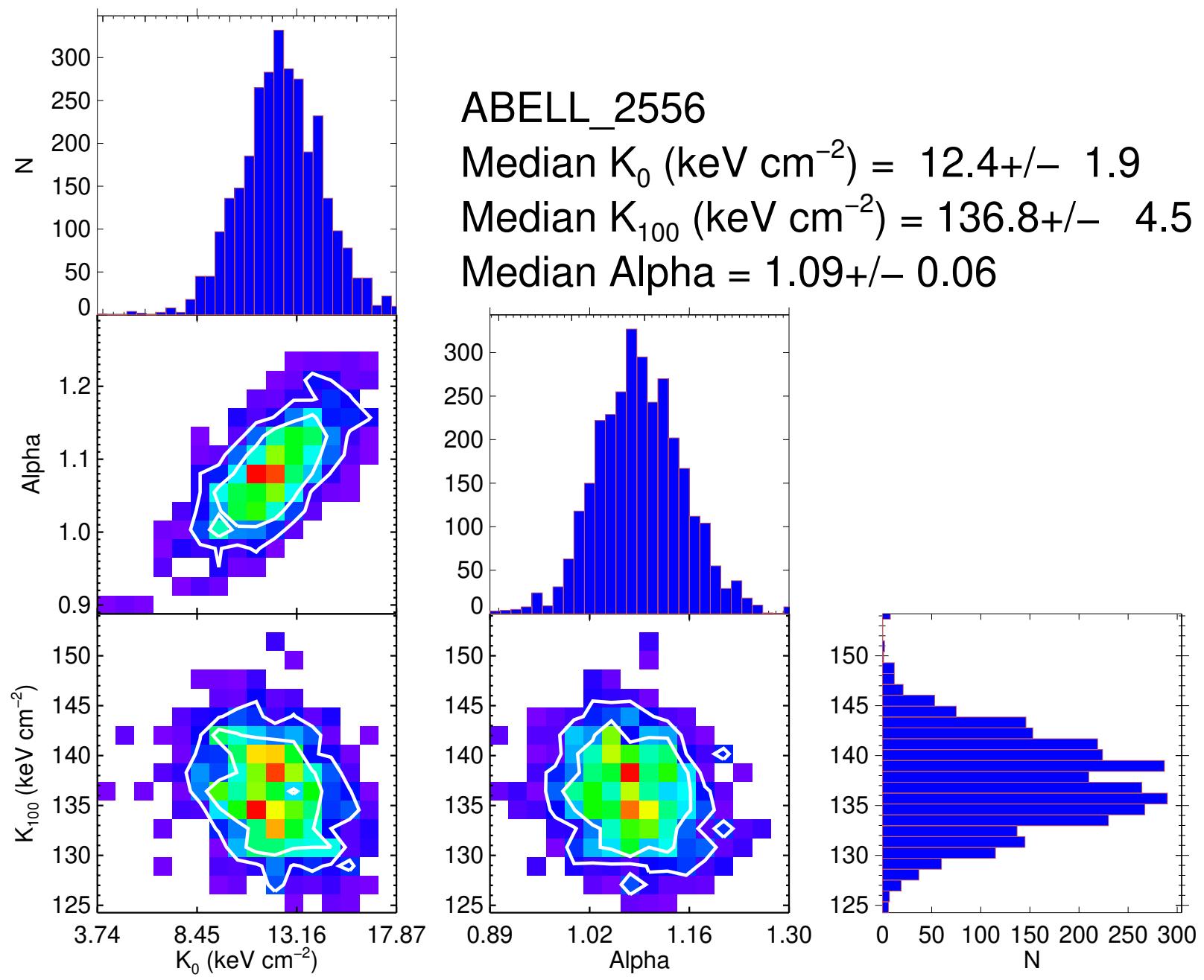
Median Alpha = 0.89+/- 0.23

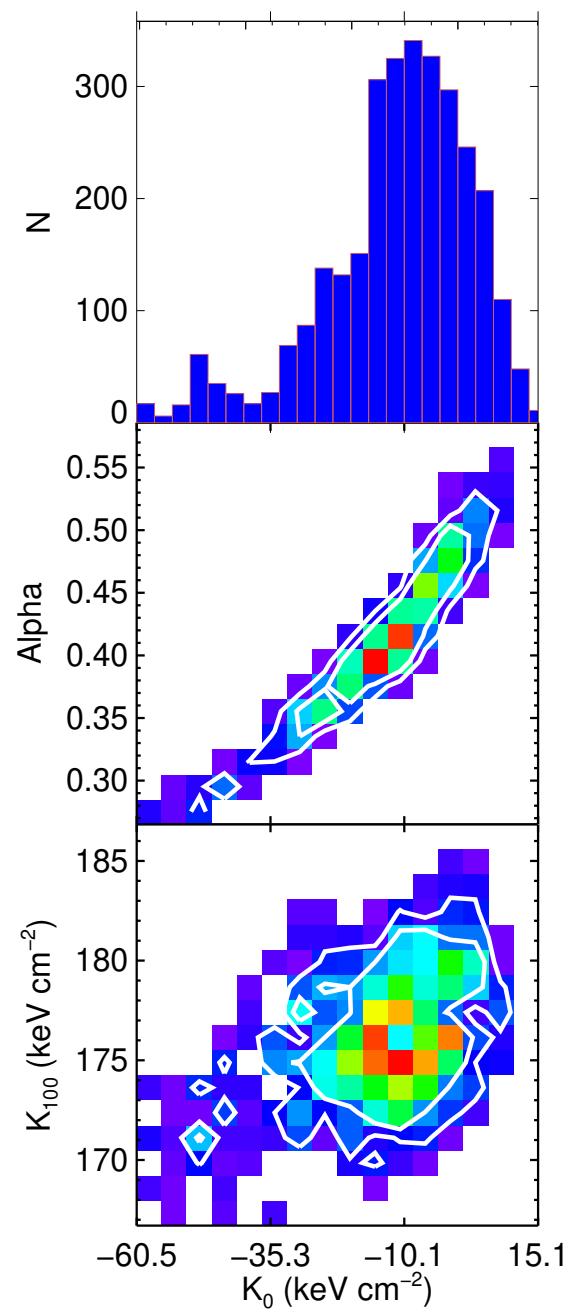










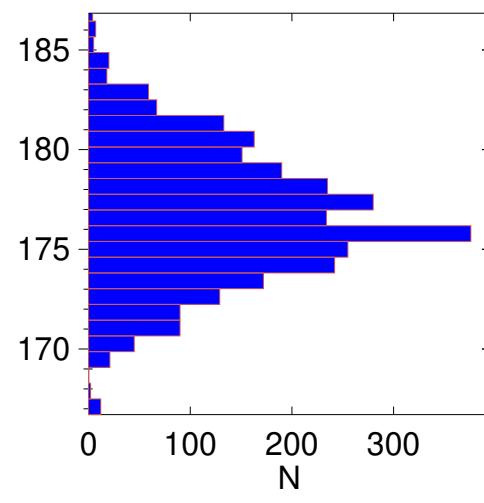
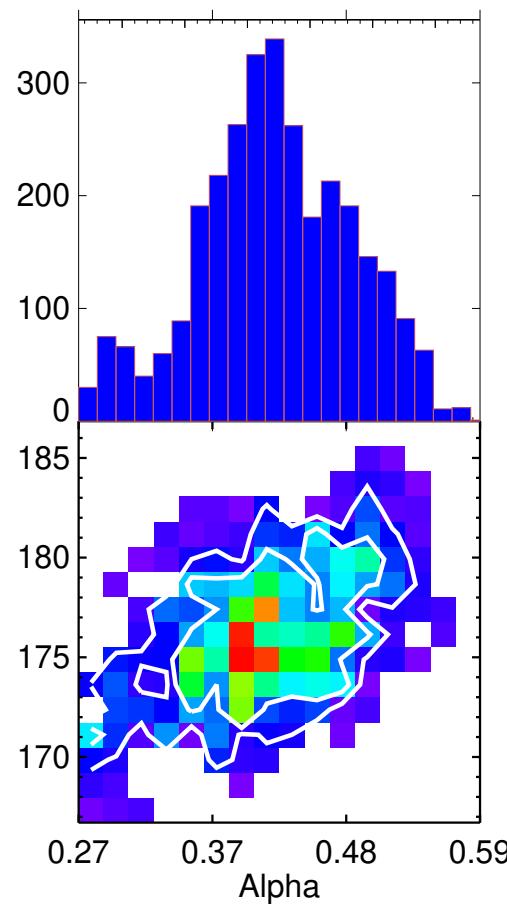


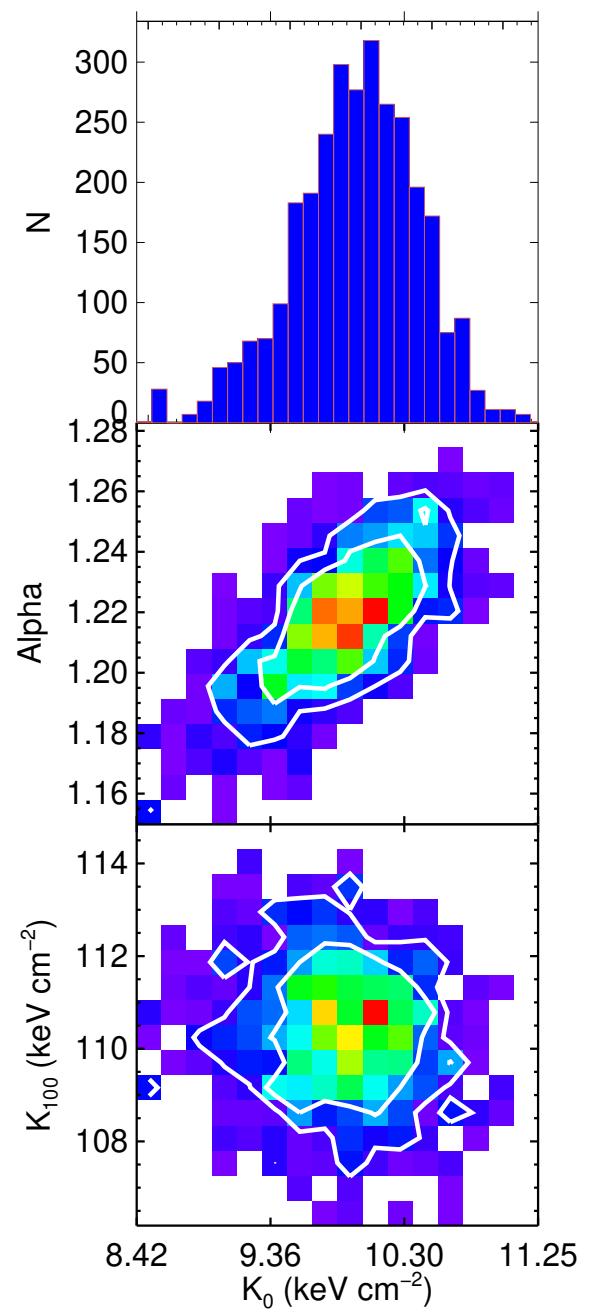
ABELL_2589

Median K_0 (keV cm $^{-2}$) = $-9.2+/- 13.9$

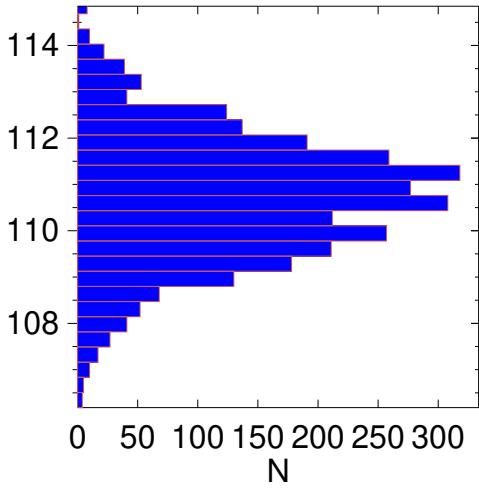
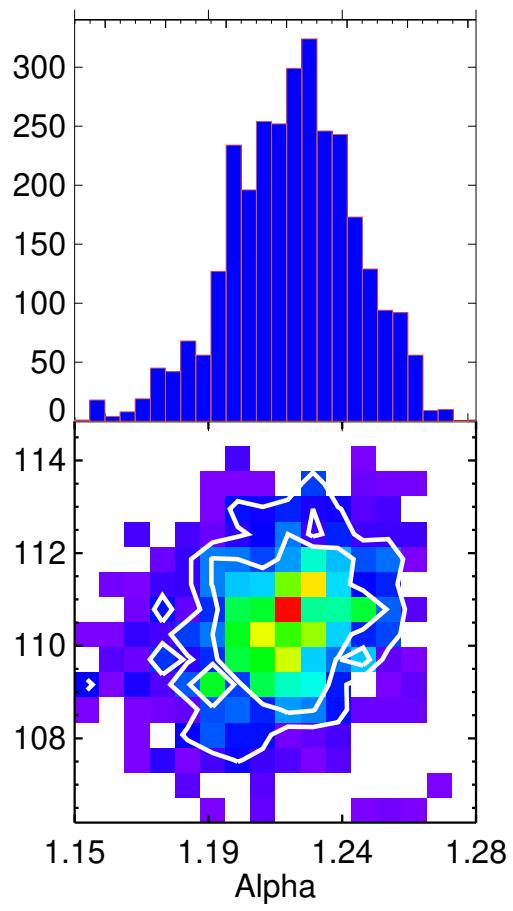
Median K_{100} (keV cm $^{-2}$) = $176.5+/- 3.3$

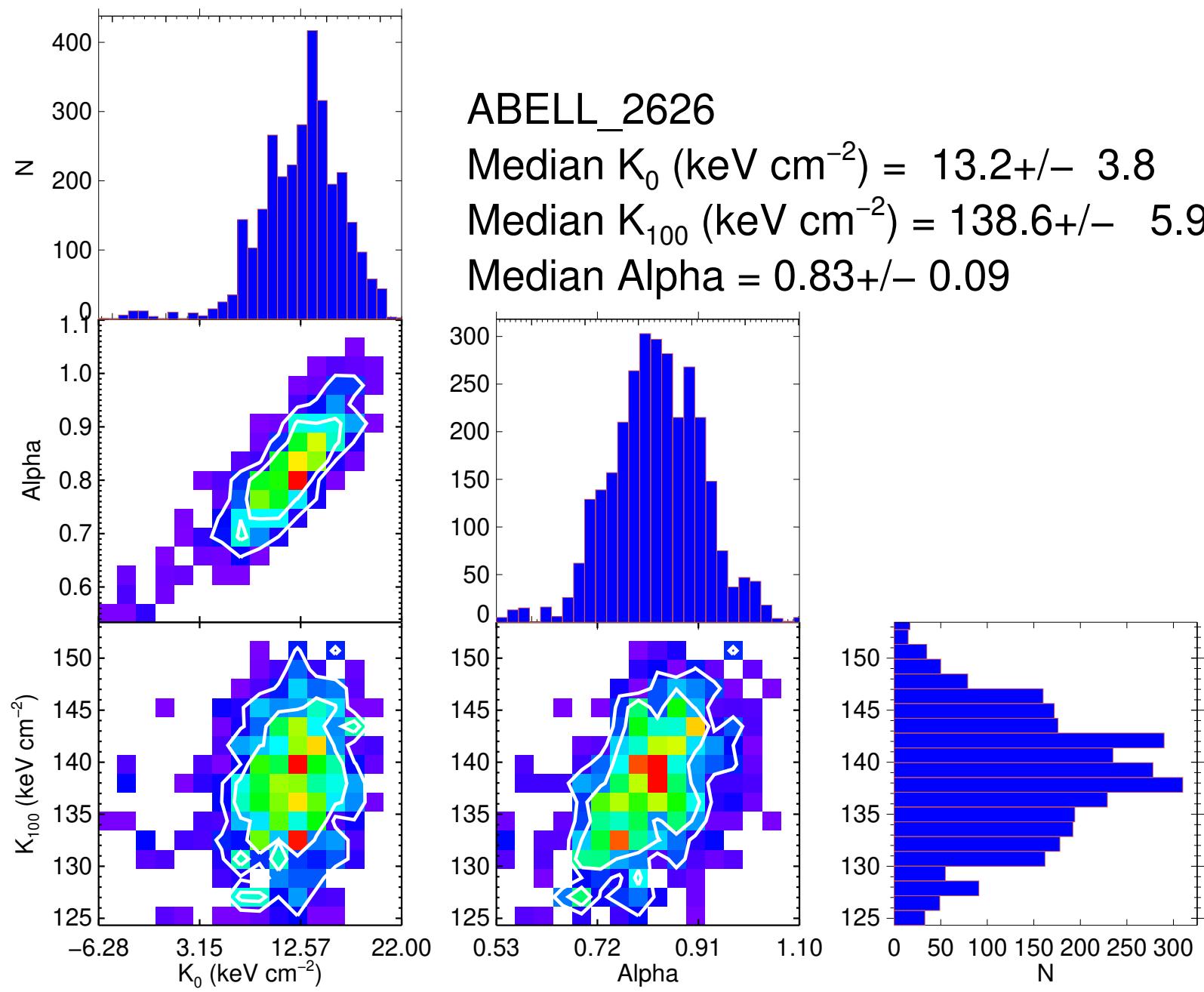
Median Alpha = $0.42+/- 0.06$

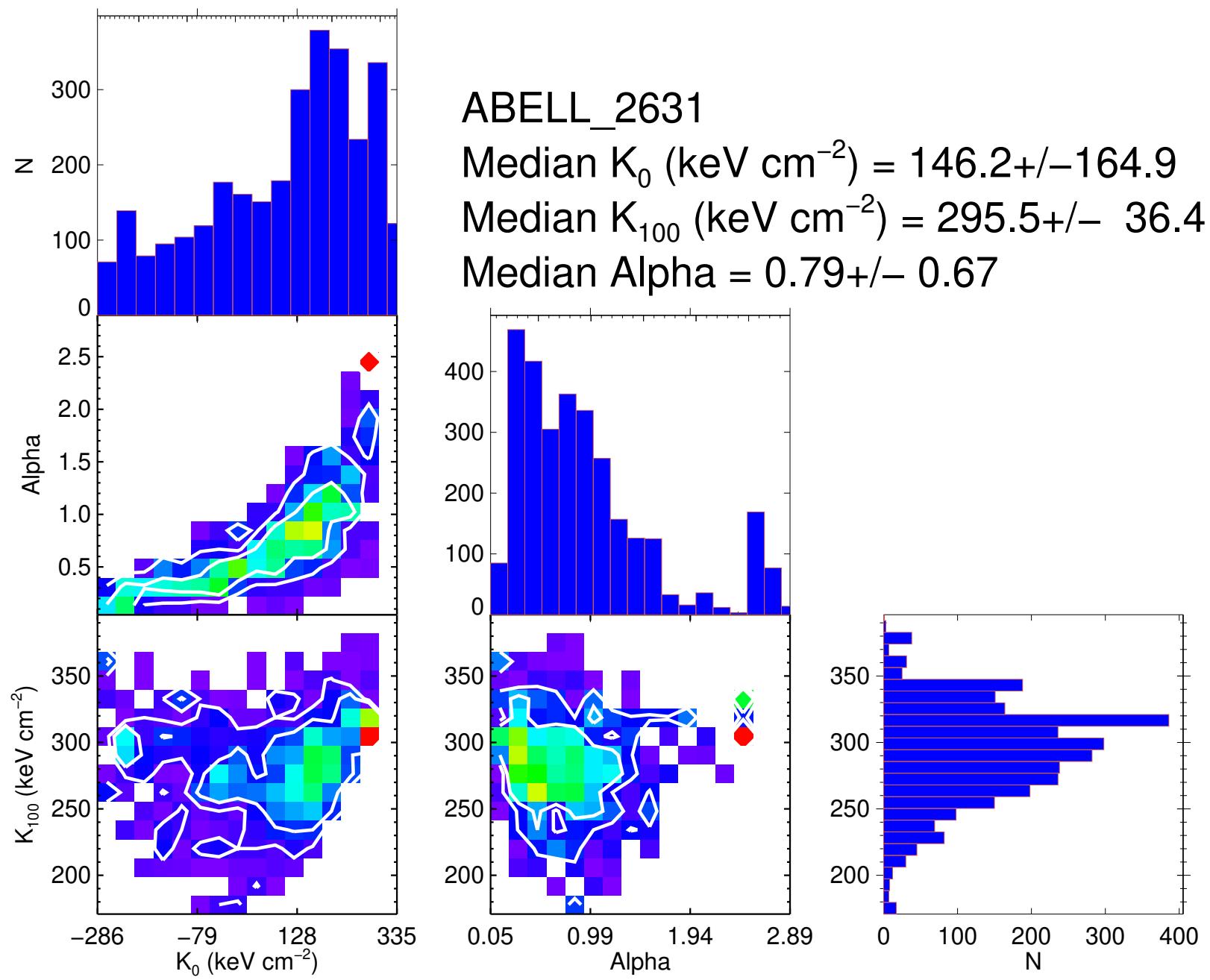


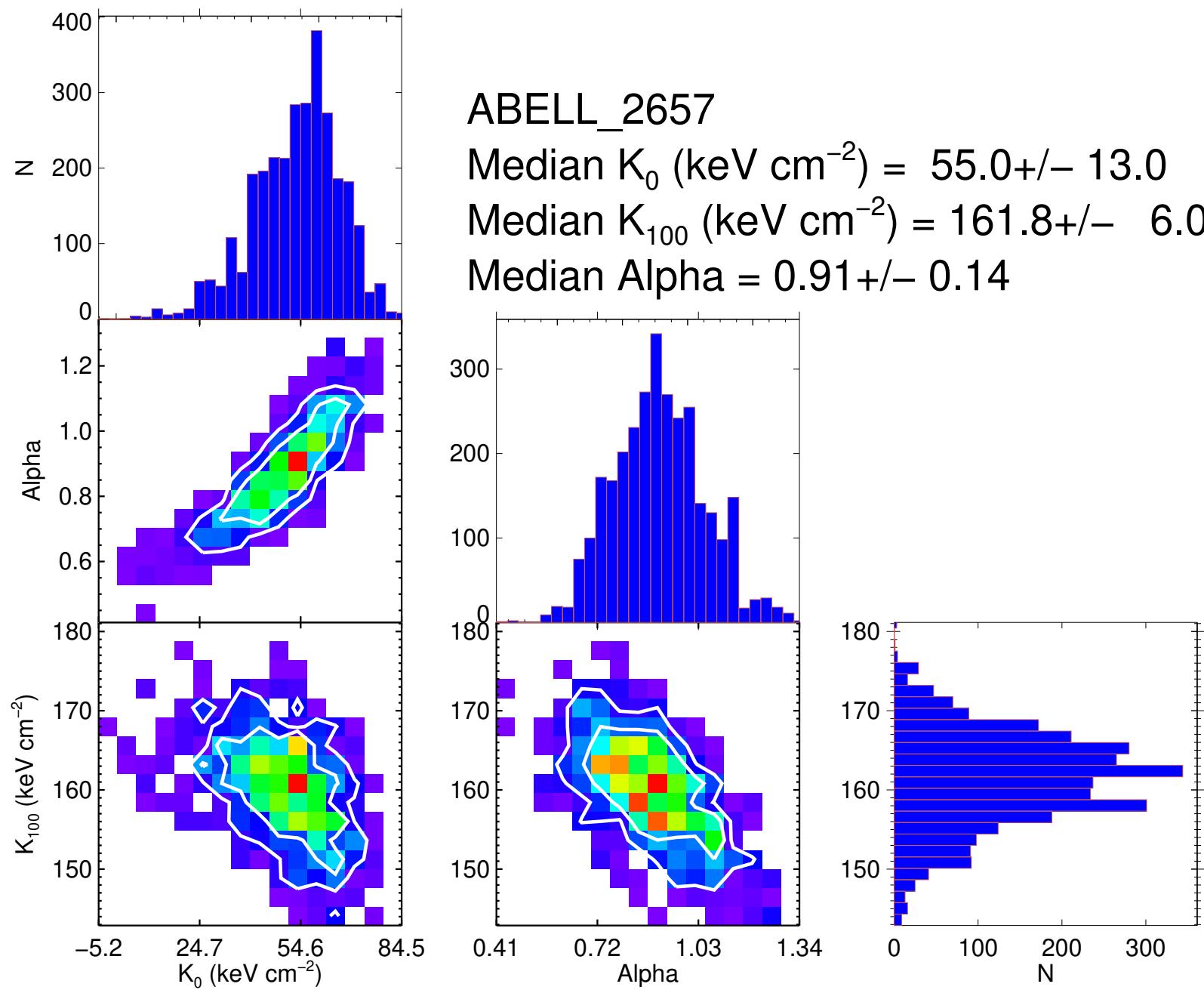


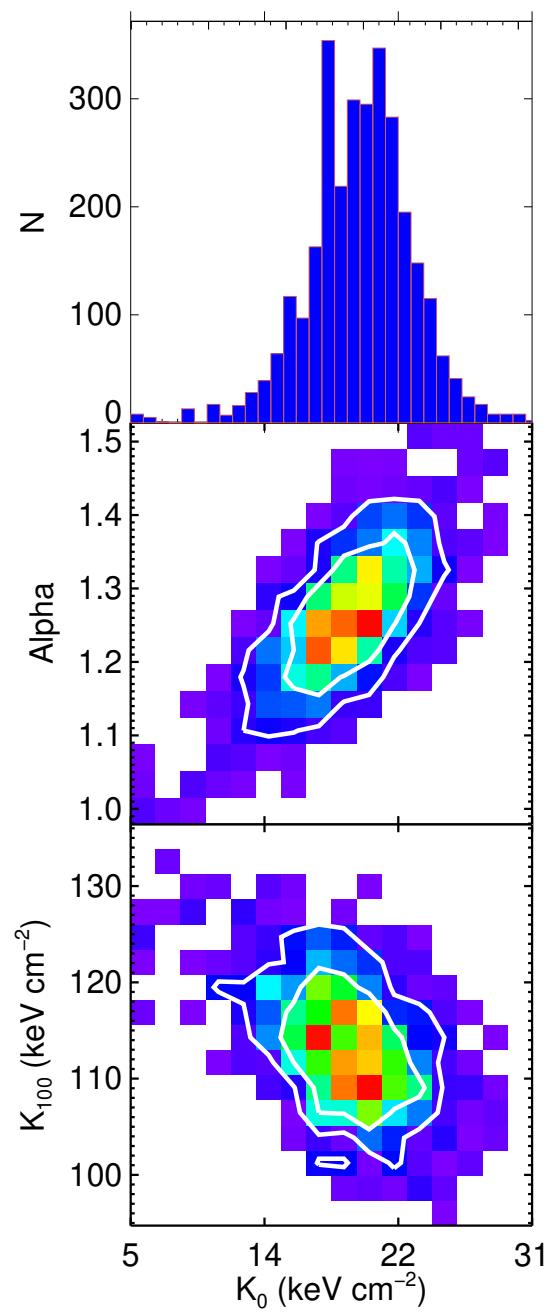
ABELL_2597
 Median K_0 (keV cm $^{-2}$) = 10.0 ± 0.4
 Median K_{100} (keV cm $^{-2}$) = 110.7 ± 1.3
 Median Alpha = 1.22 ± 0.02









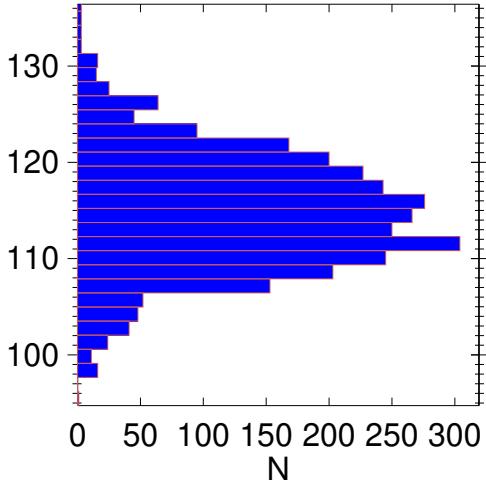
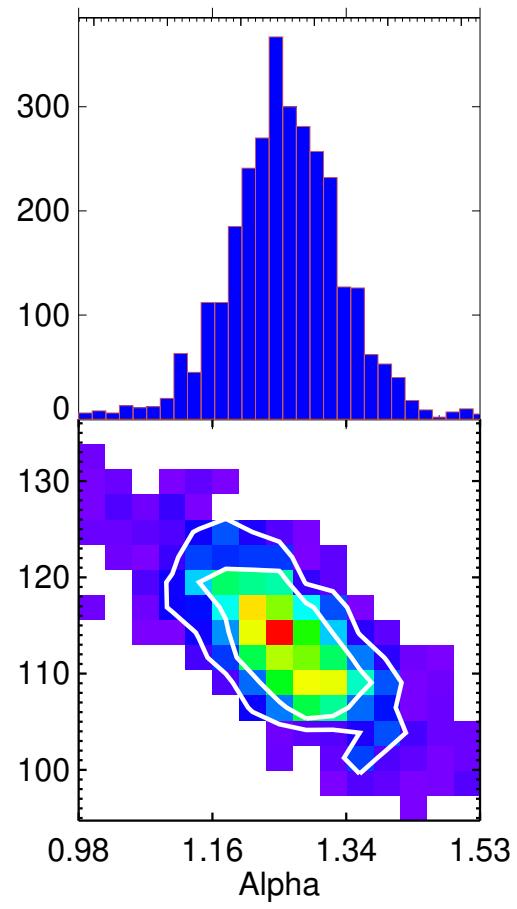


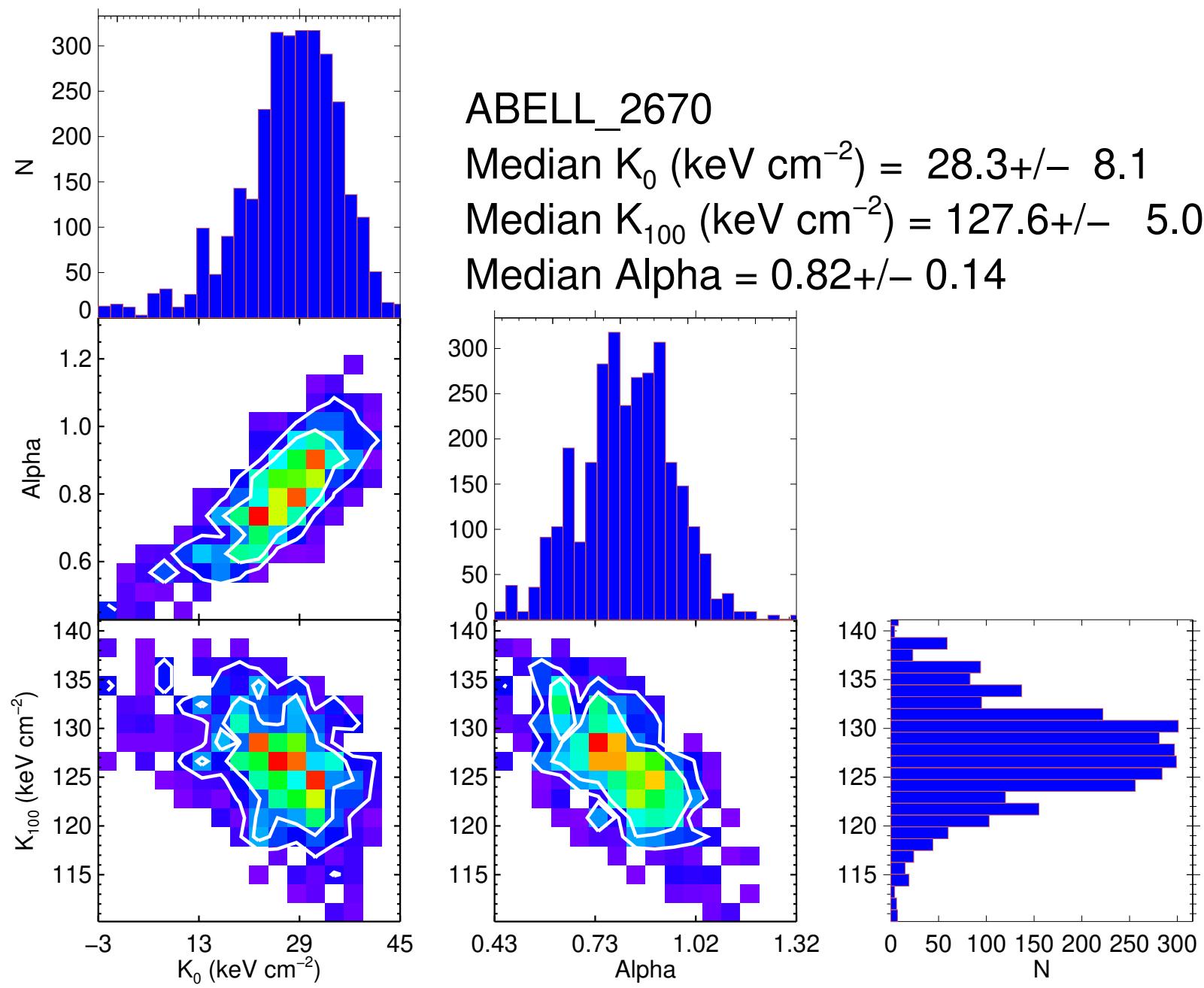
ABELL_2667

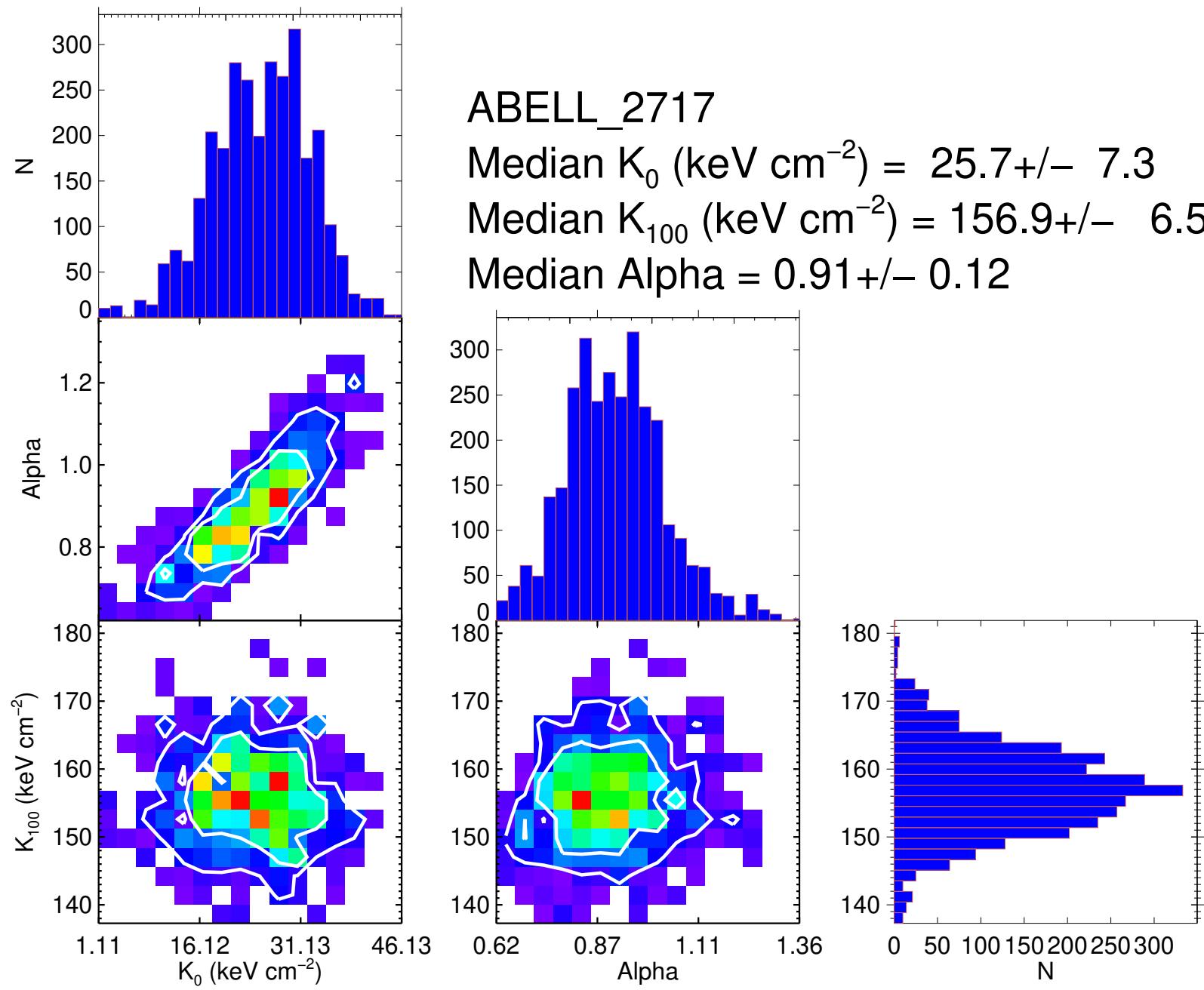
Median K_0 (keV cm $^{-2}$) = 19.9+/- 3.4

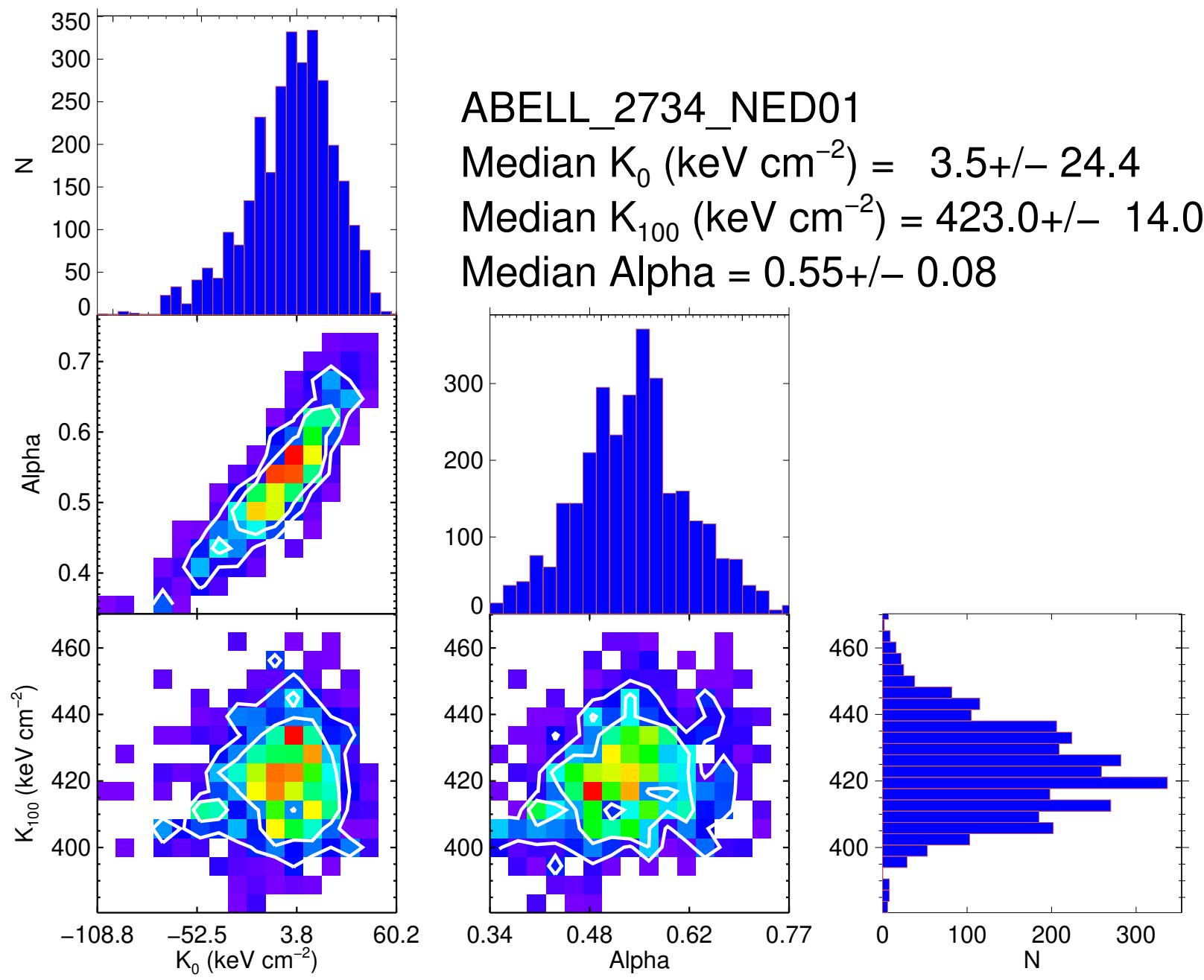
Median K_{100} (keV cm $^{-2}$) = 114.7+/- 6.0

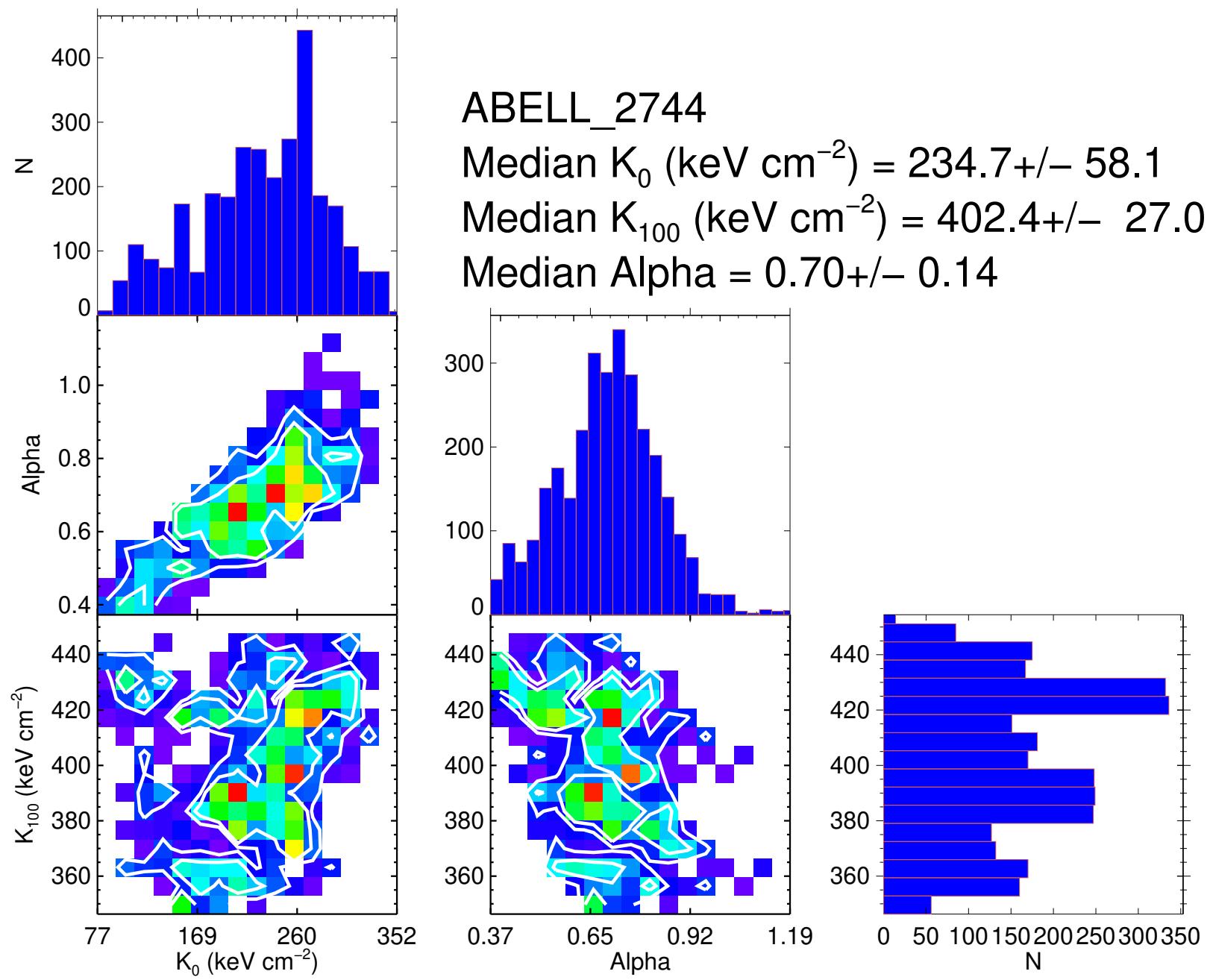
Median Alpha = 1.26+/- 0.08

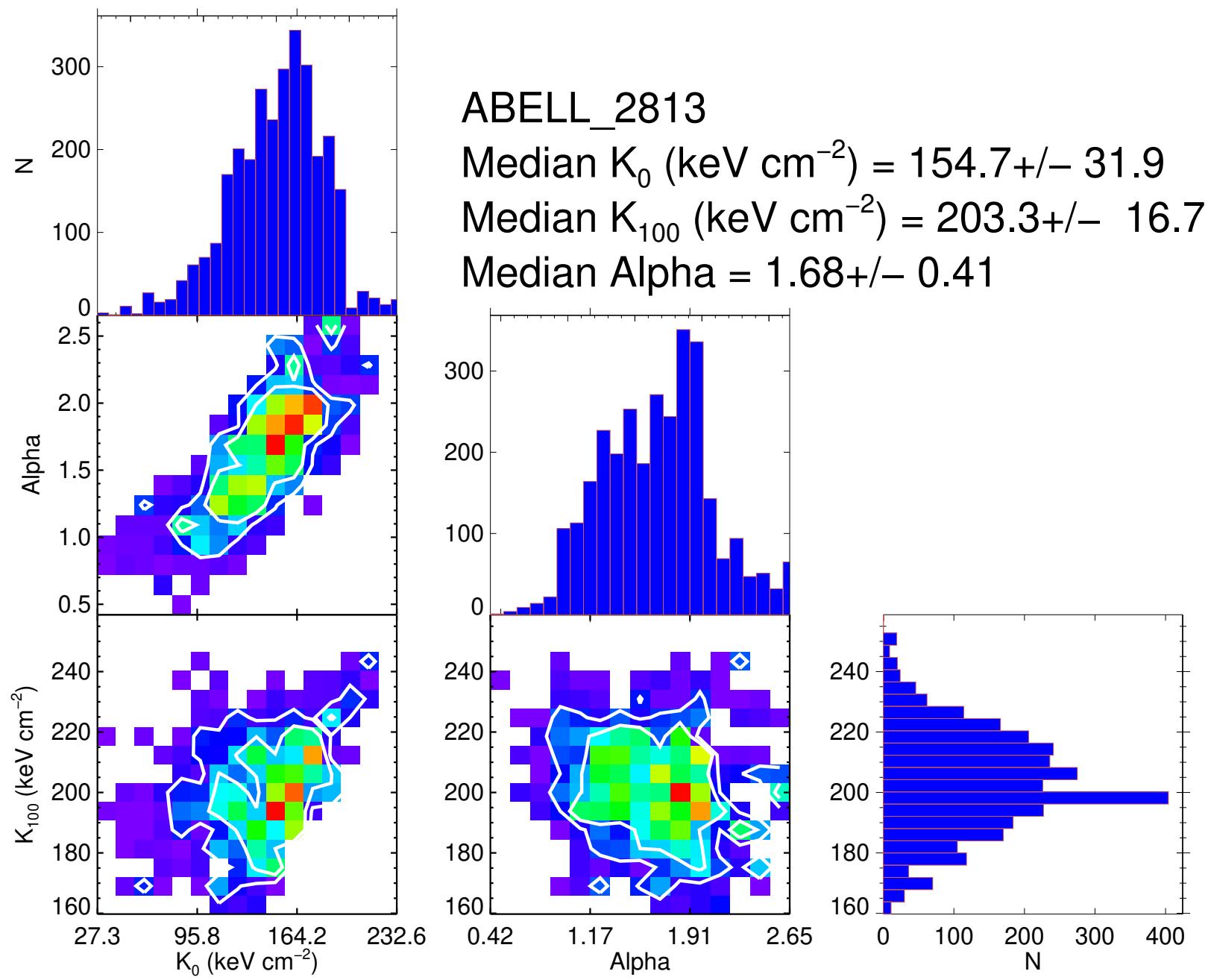


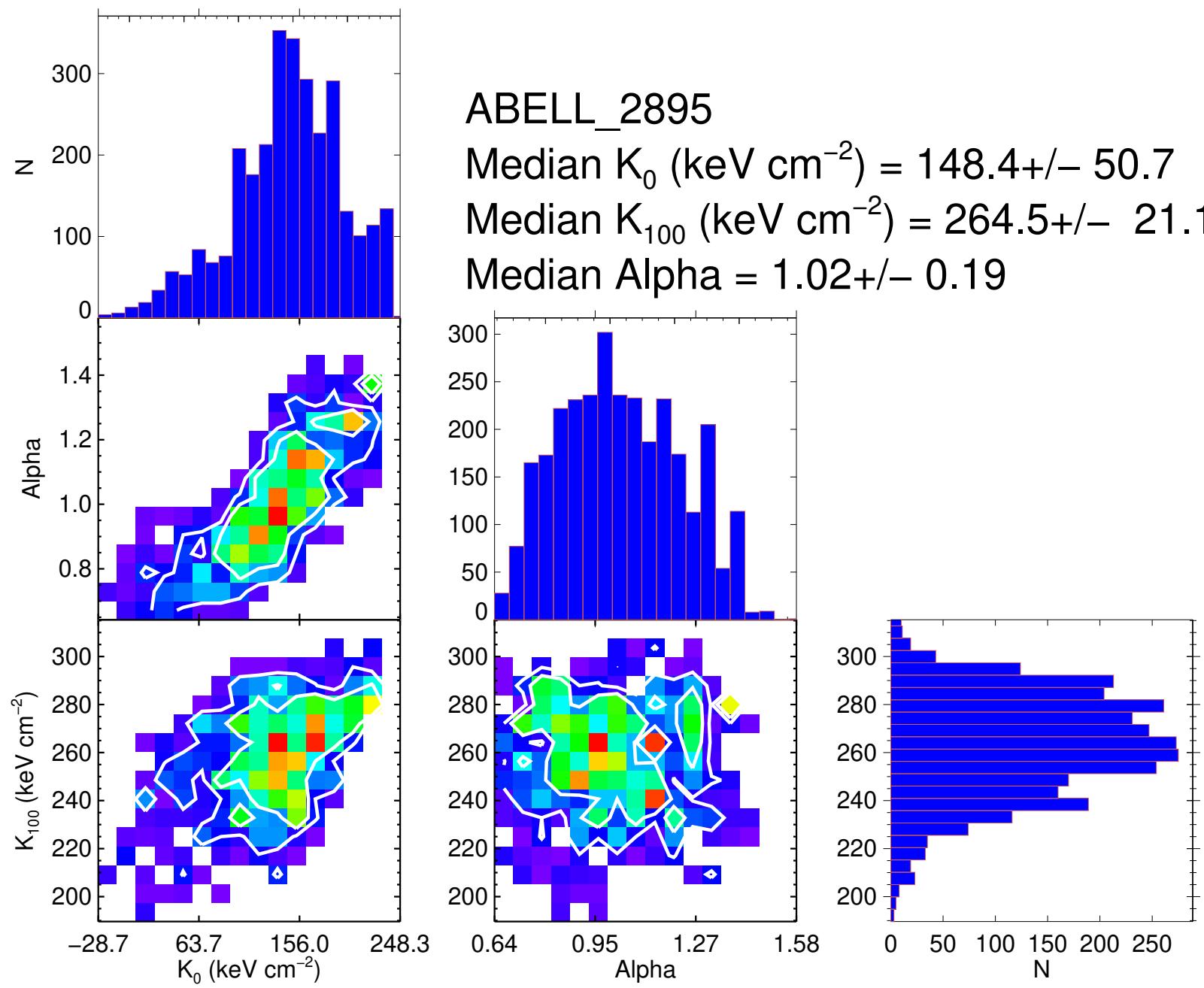


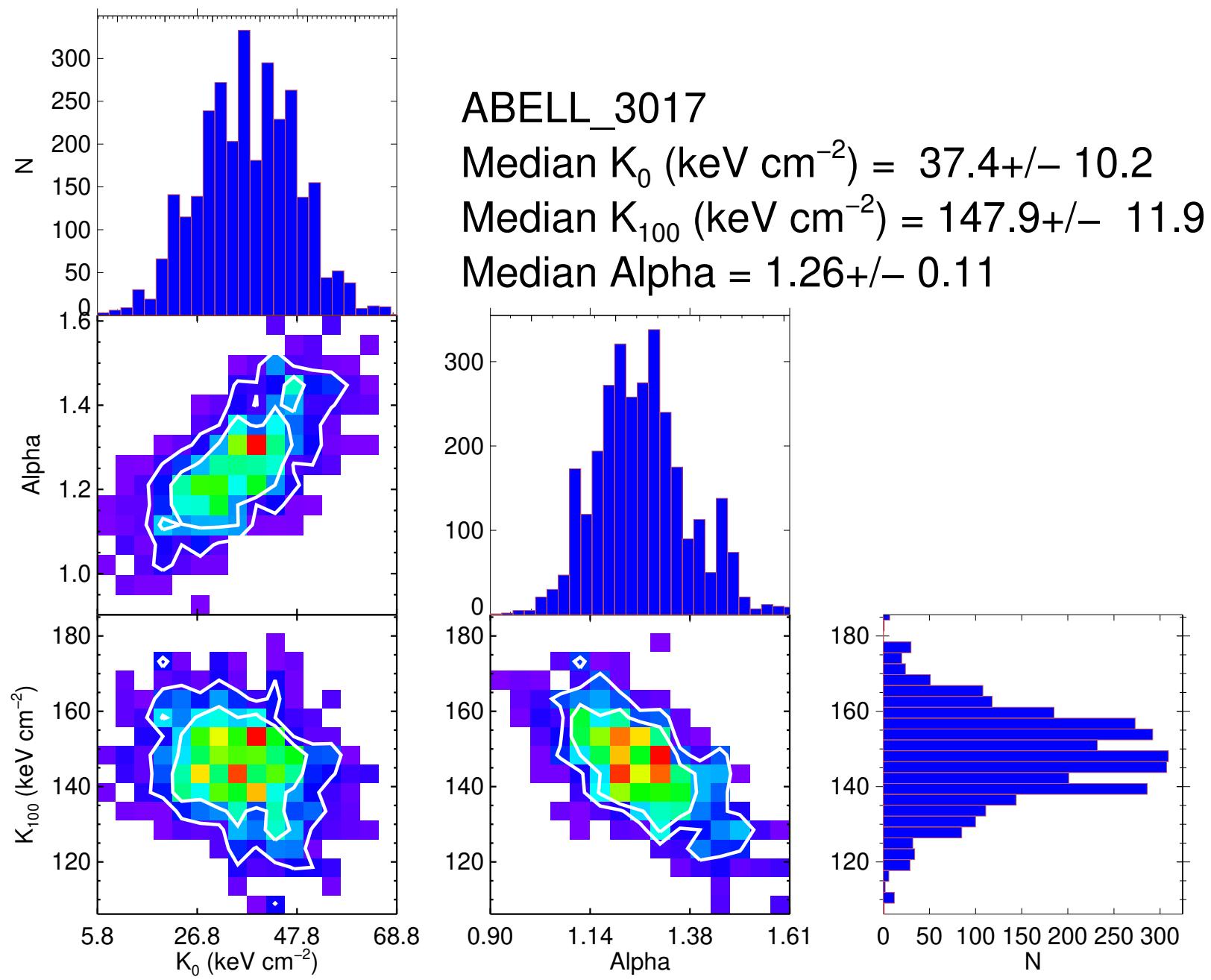


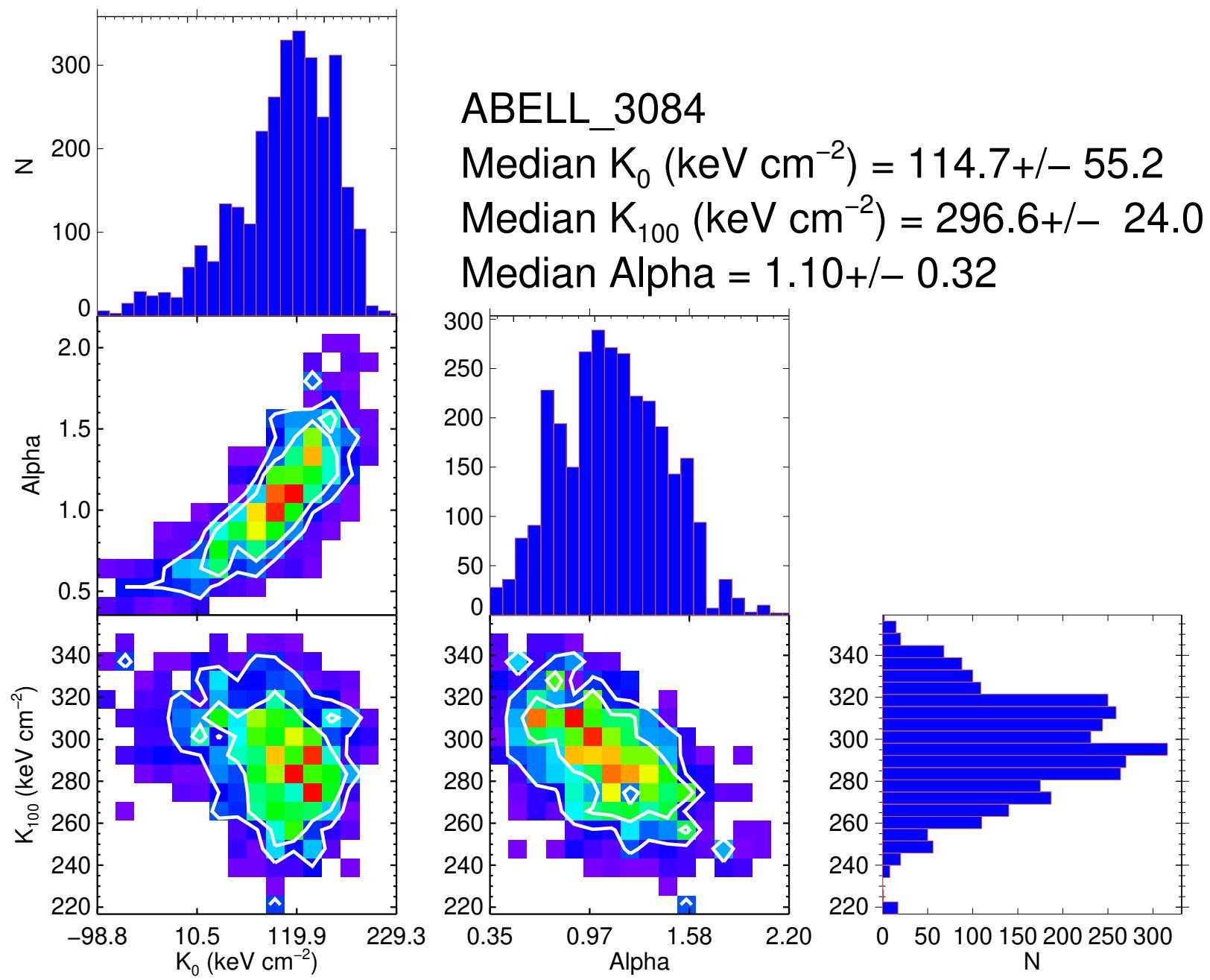


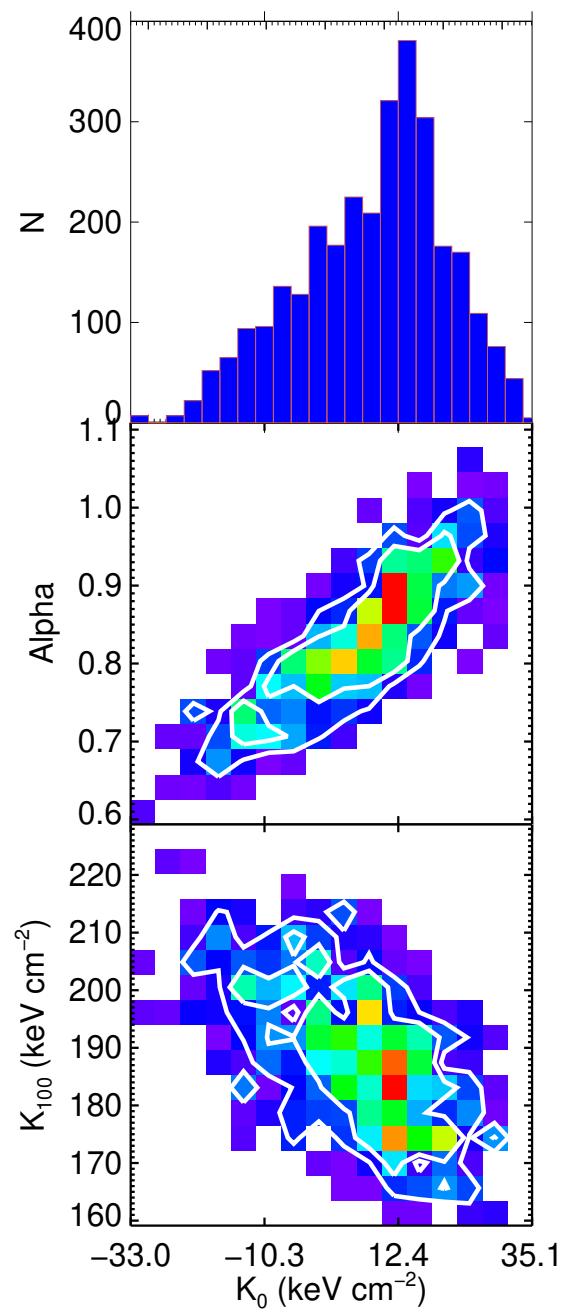










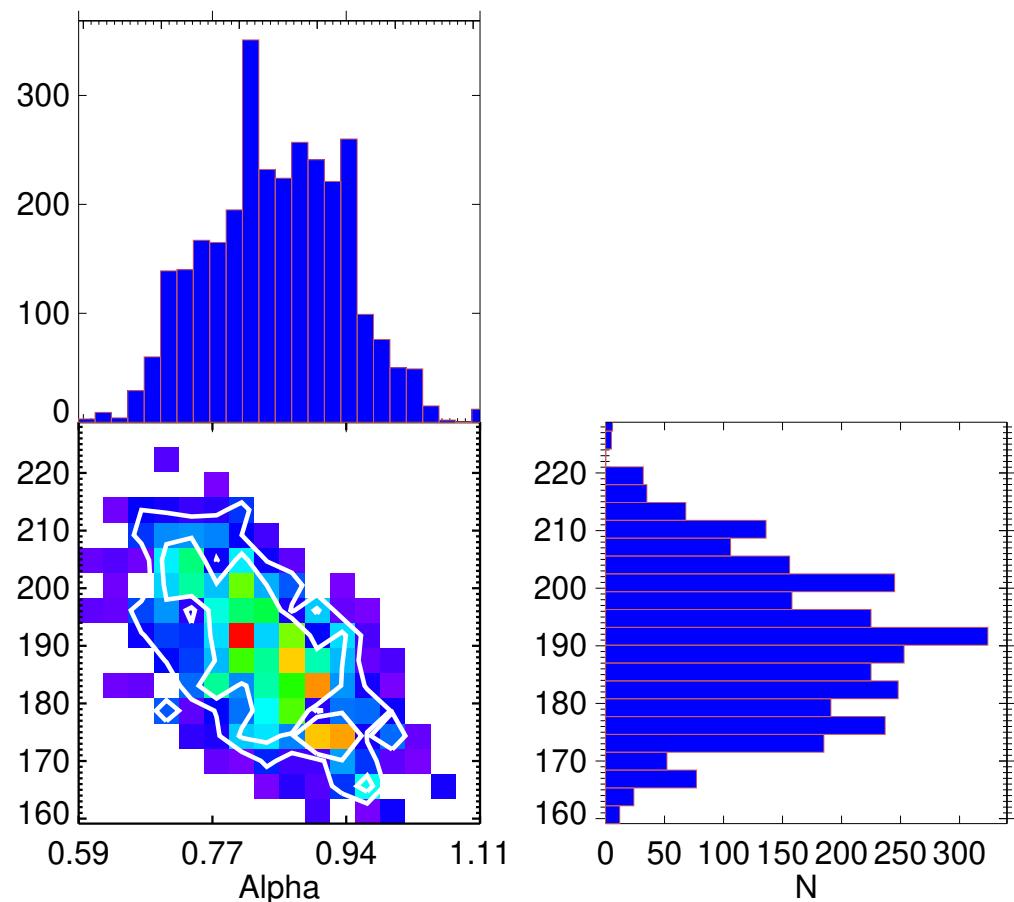


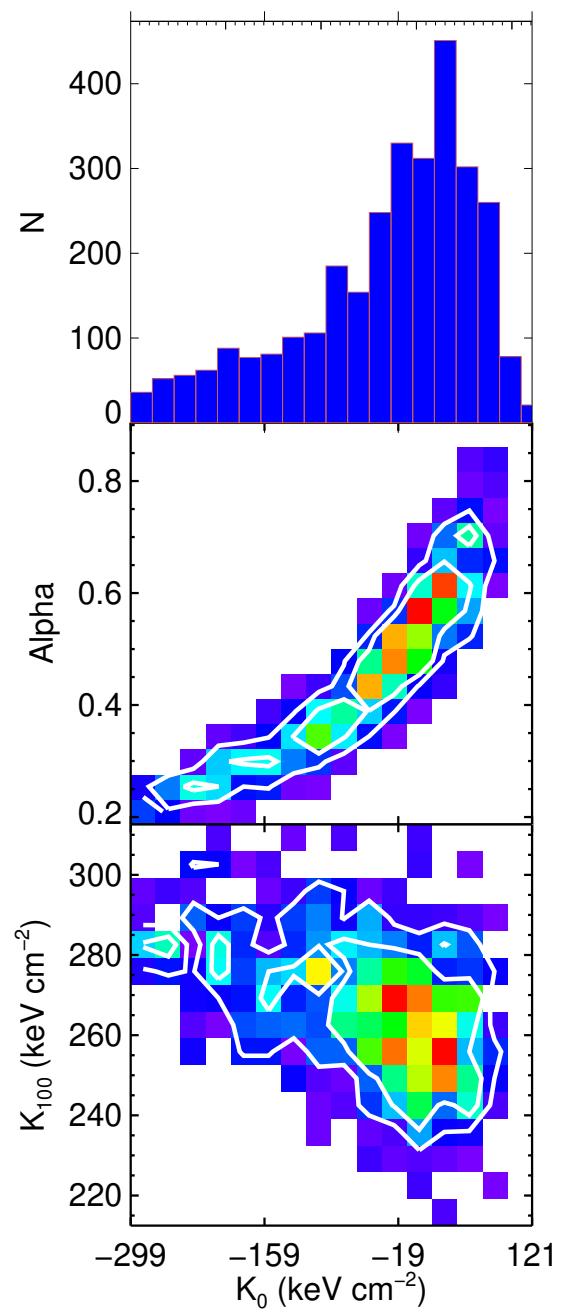
ABELL_3088

Median K_0 (keV cm $^{-2}$) = $10.1+/- 12.5$

Median K_{100} (keV cm $^{-2}$) = $190.1+/- 12.8$

Median Alpha = $0.85+/- 0.09$



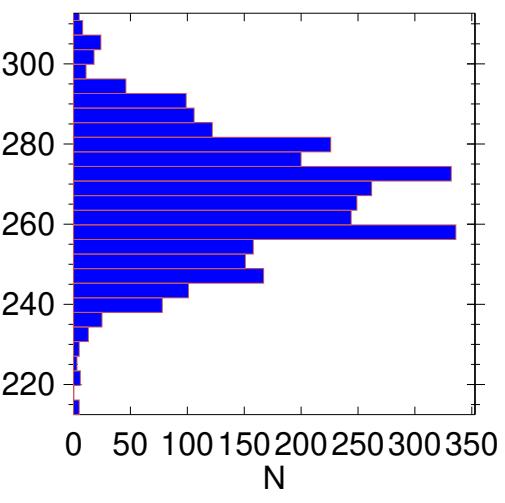
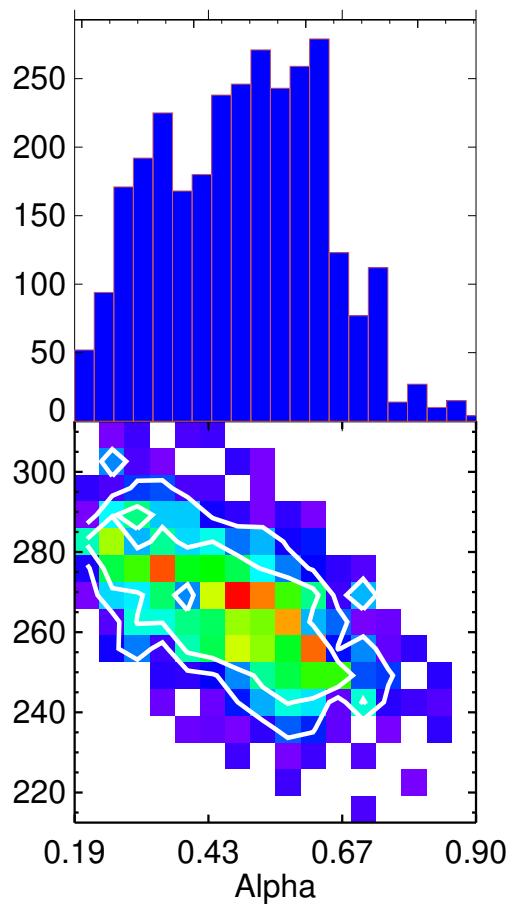


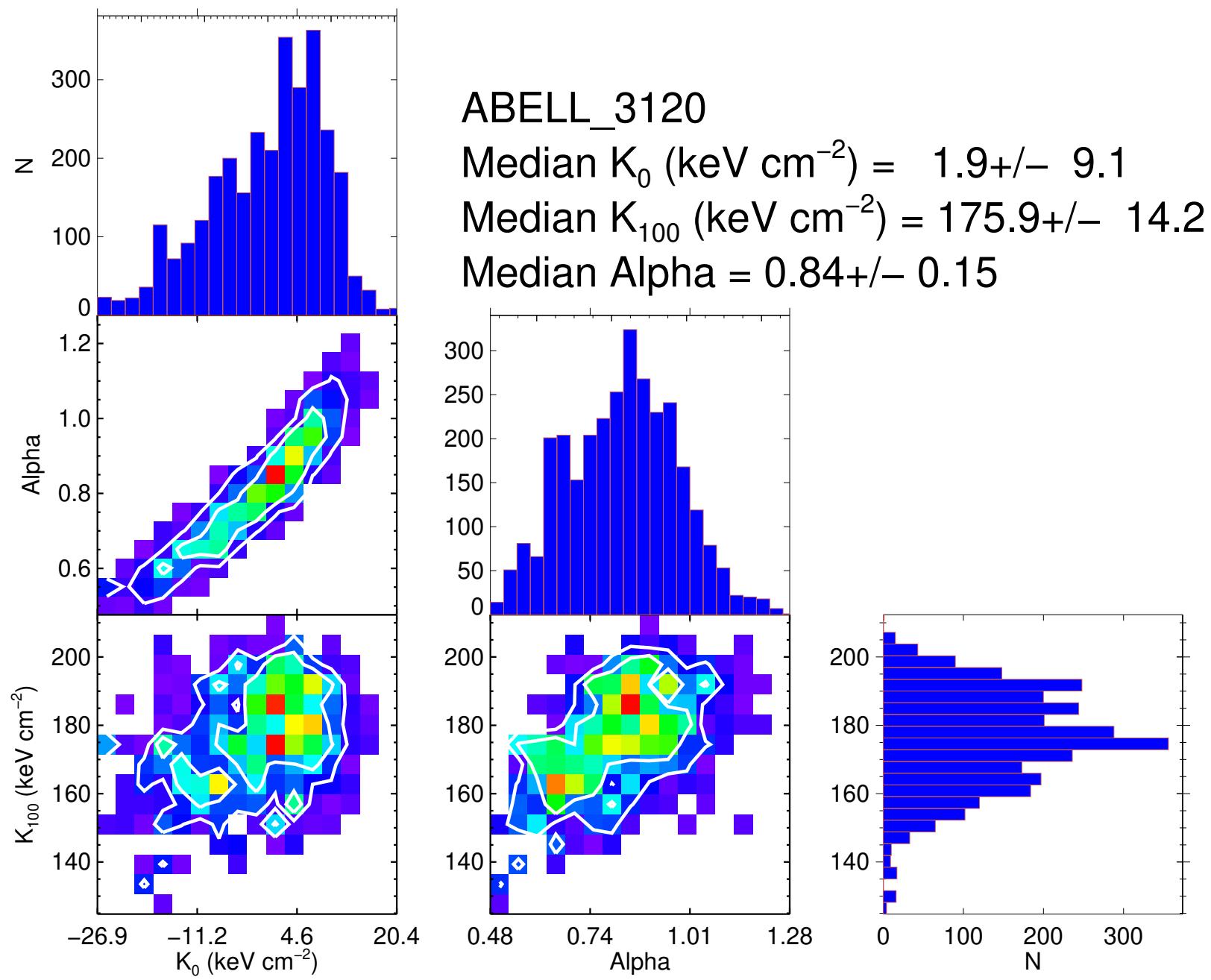
ABELL_3094

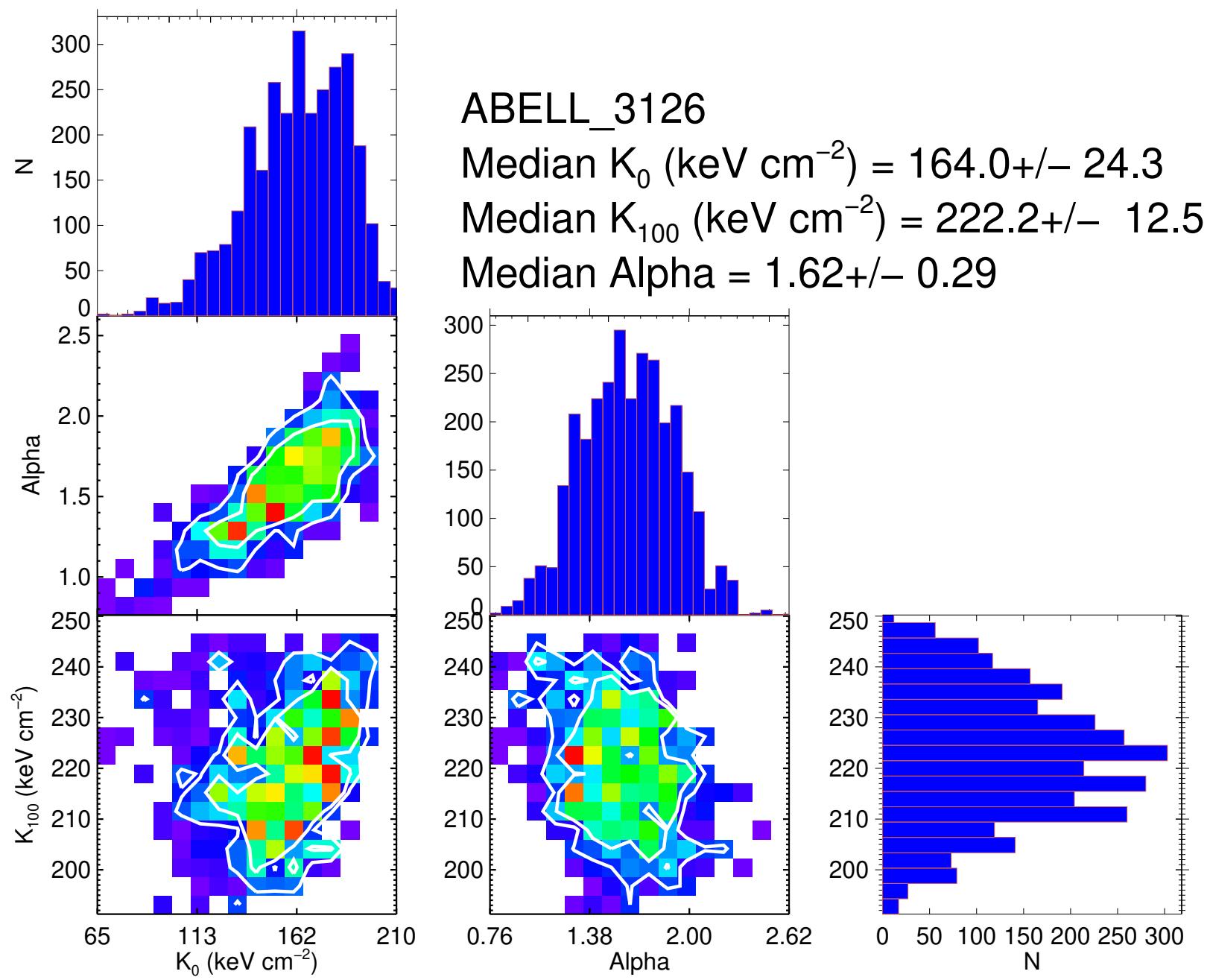
Median K_0 (keV cm $^{-2}$) = $-10.3+/- 93.7$

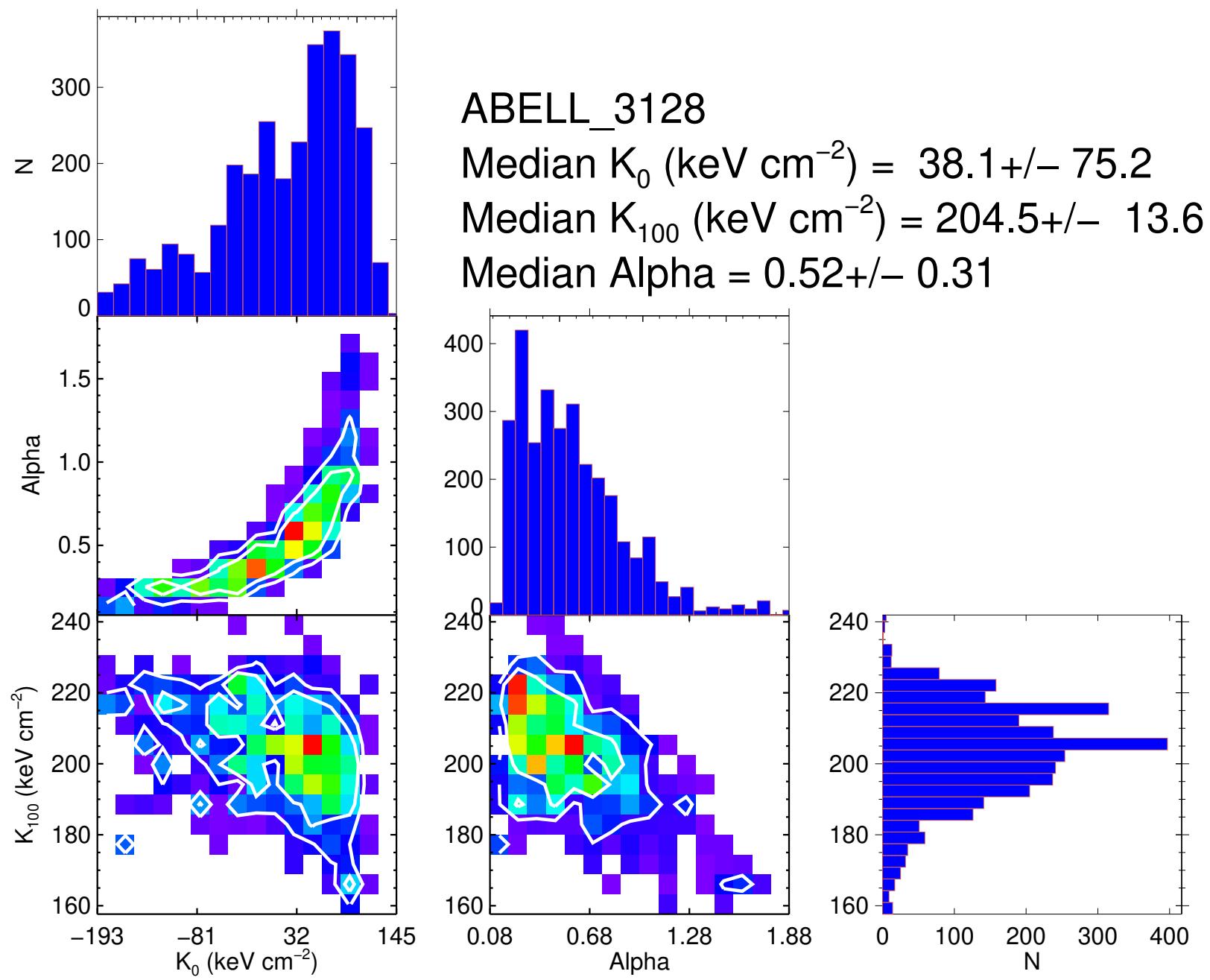
Median K_{100} (keV cm $^{-2}$) = $266.4+/- 15.0$

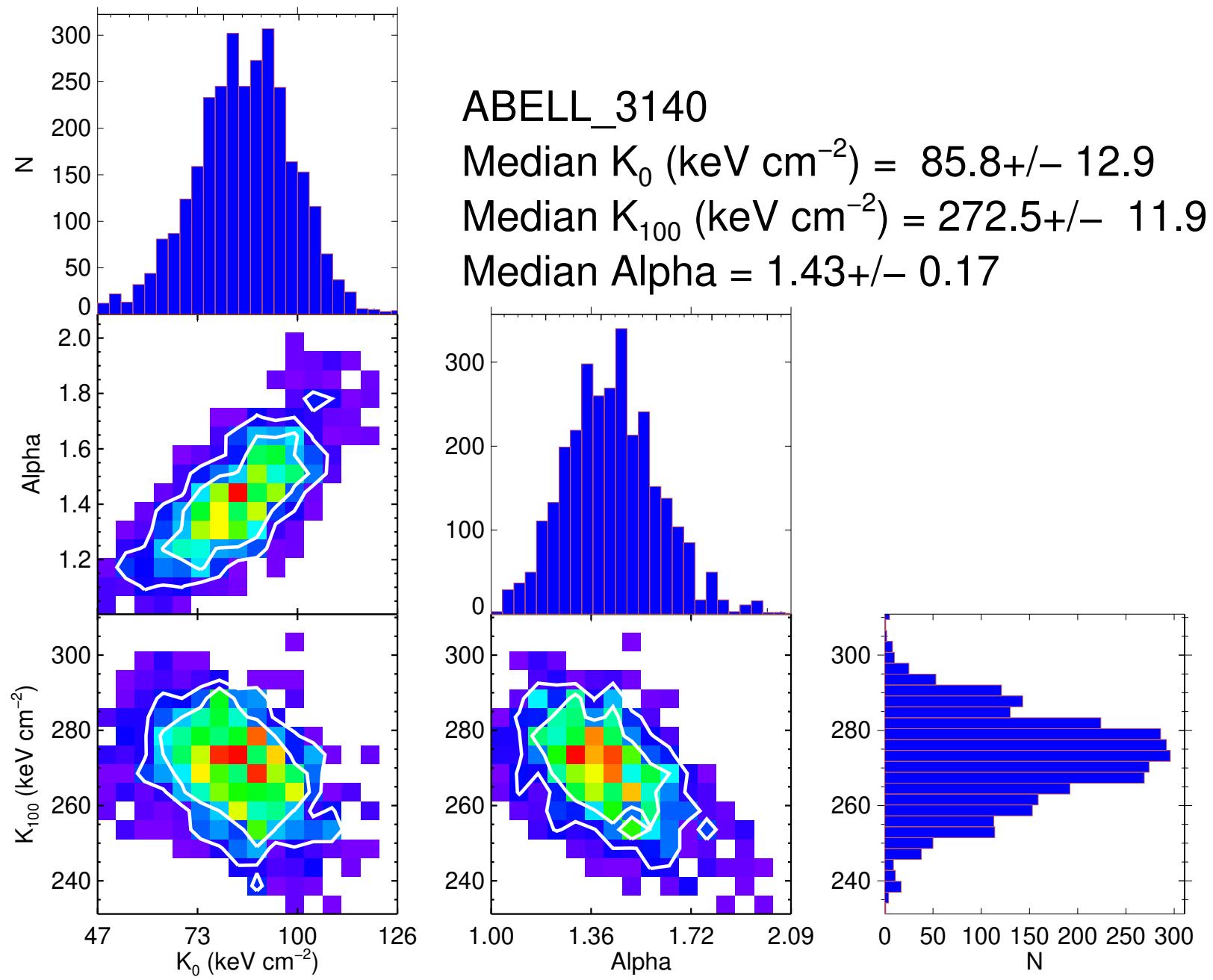
Median Alpha = $0.49+/- 0.14$

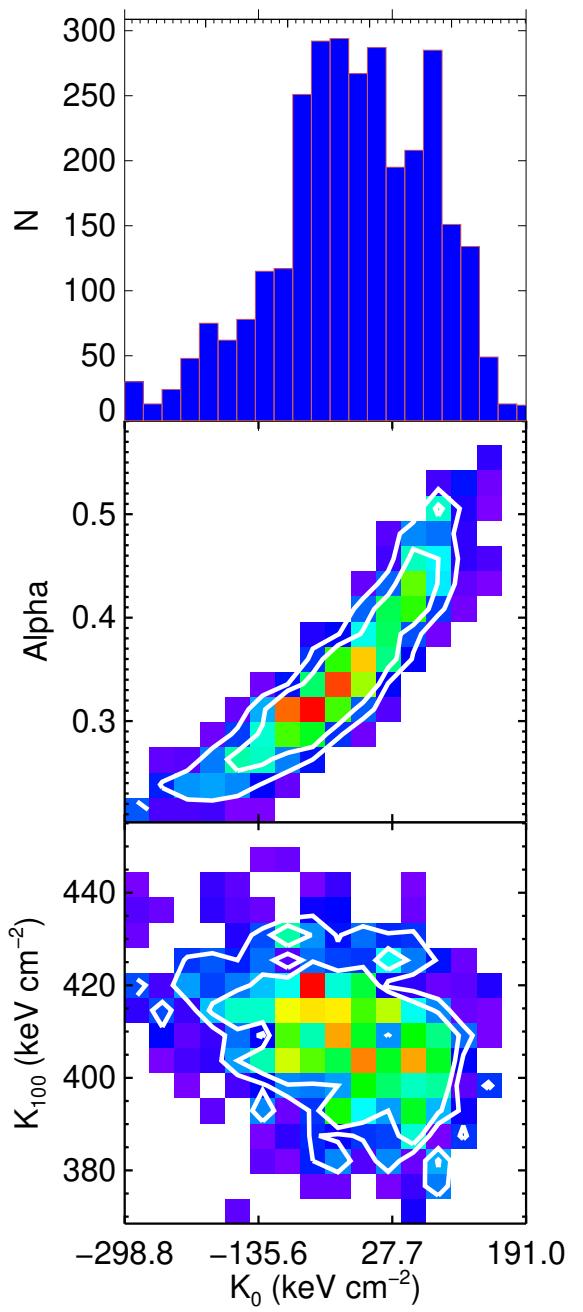










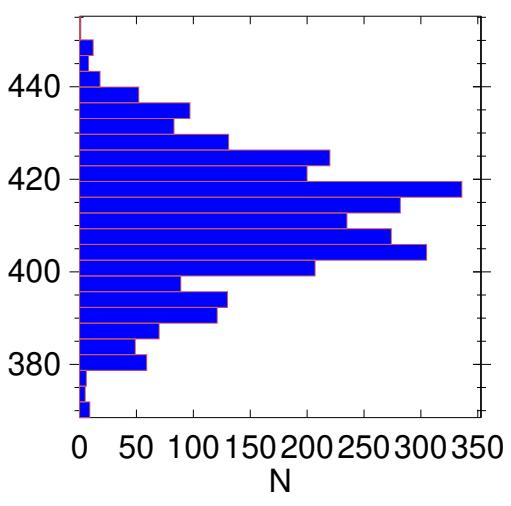
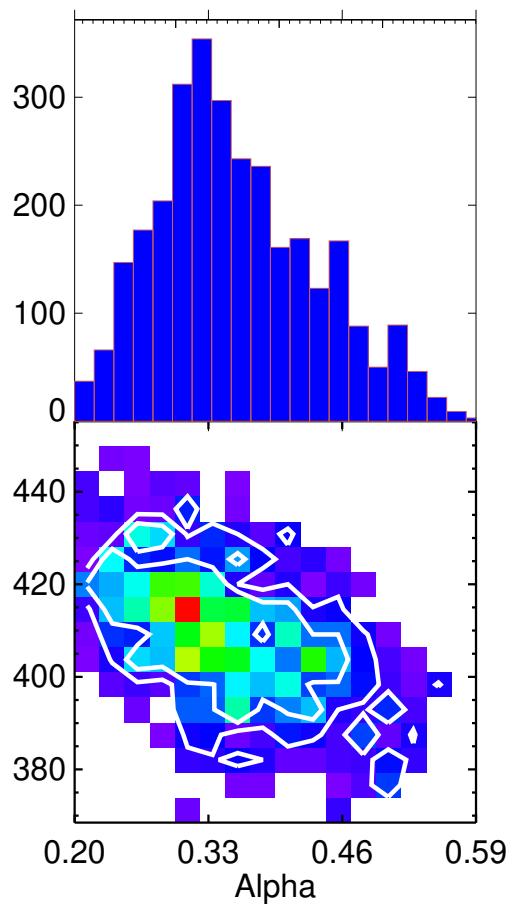


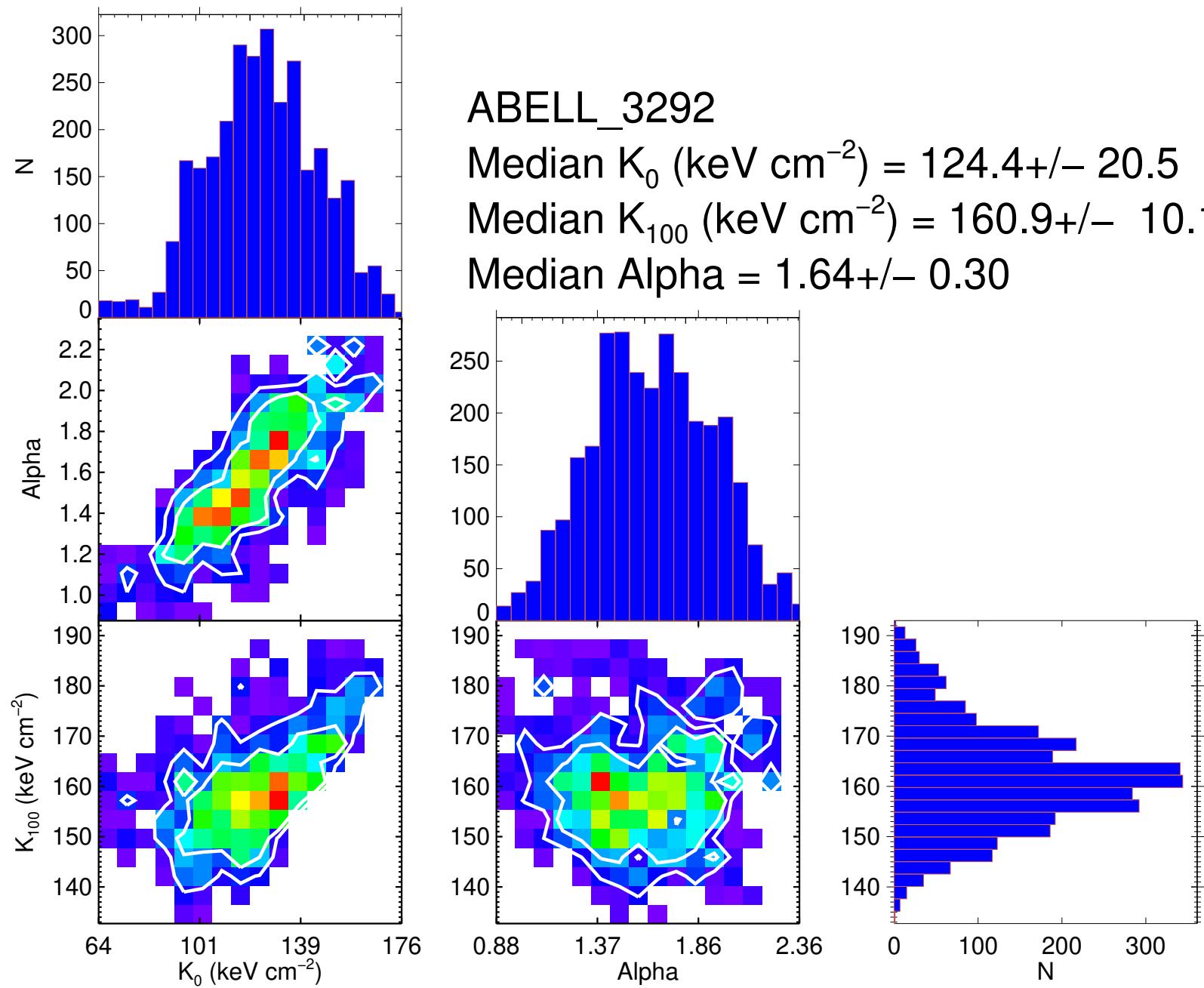
ABELL_3266

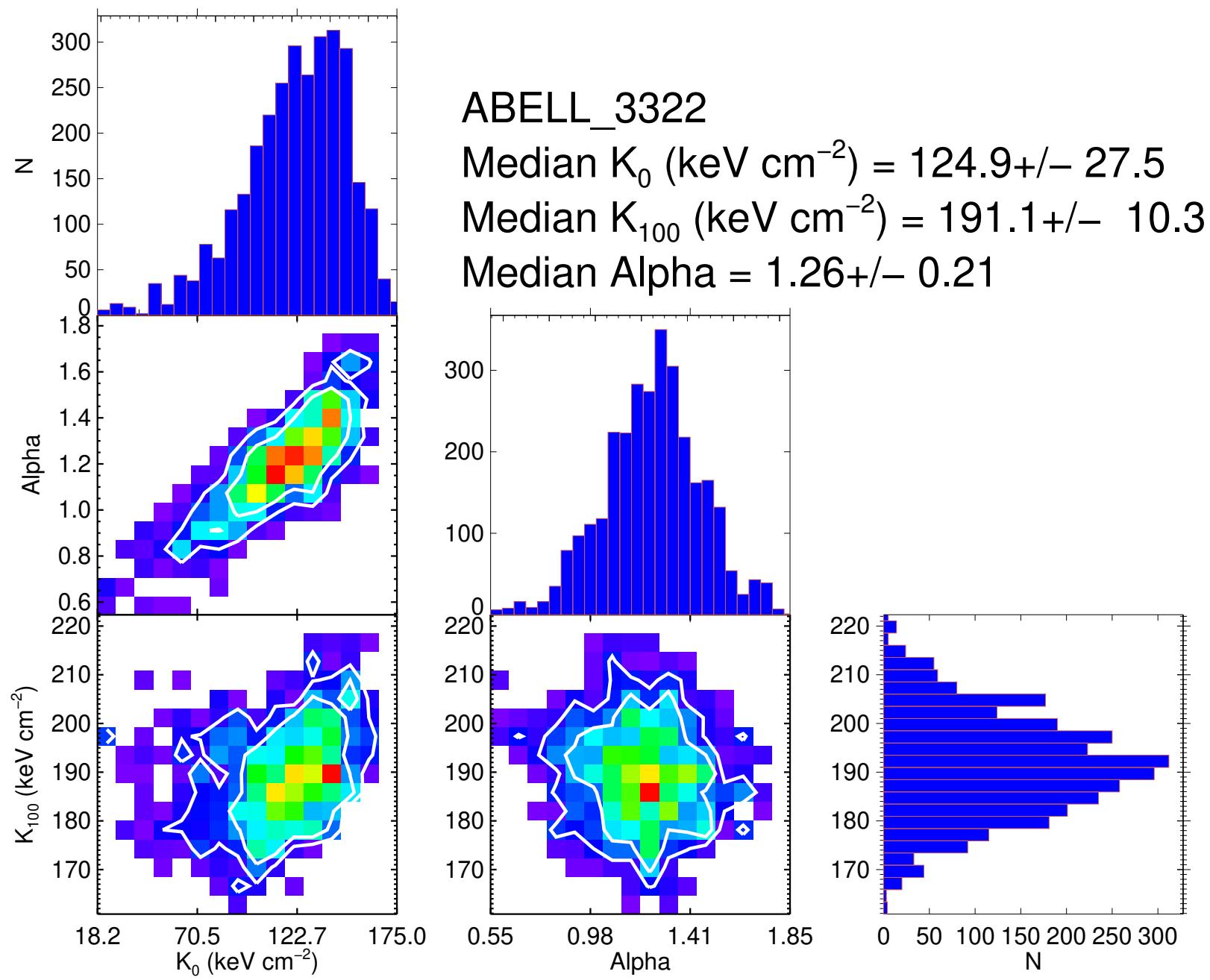
Median K_0 (keV cm $^{-2}$) = -16.7 ± 93.9

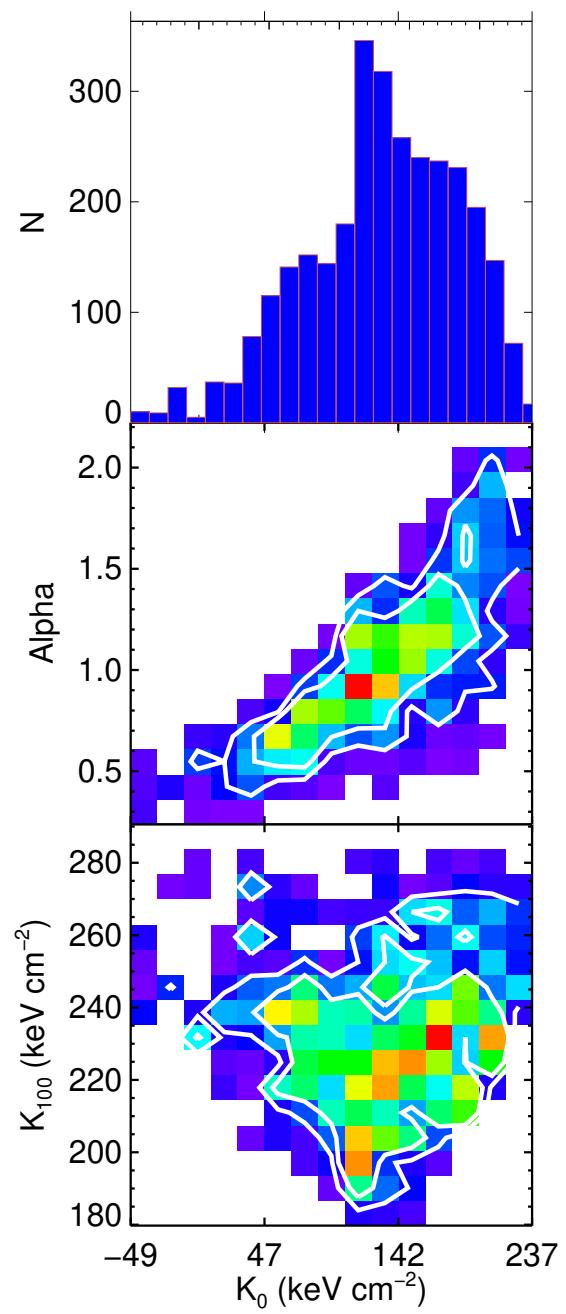
Median K_{100} (keV cm $^{-2}$) = 411.8 ± 14.0

Median Alpha = 0.35 ± 0.08







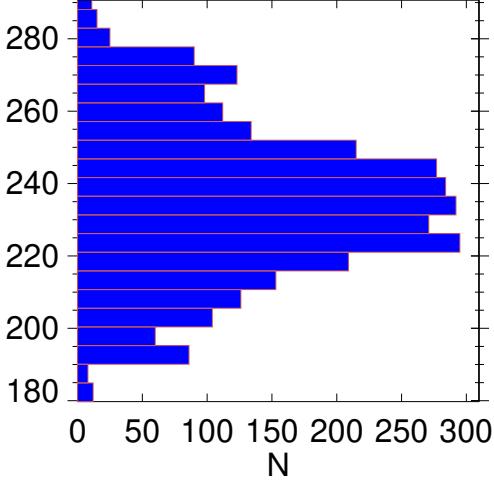
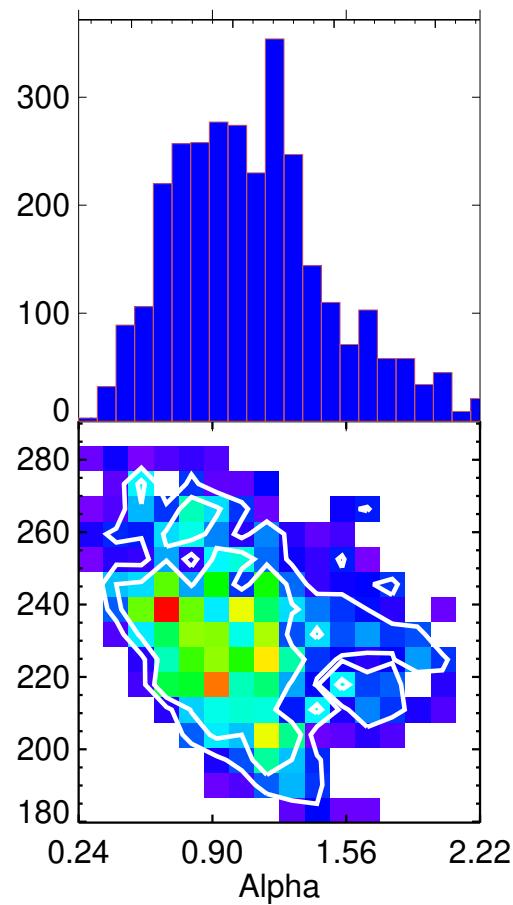


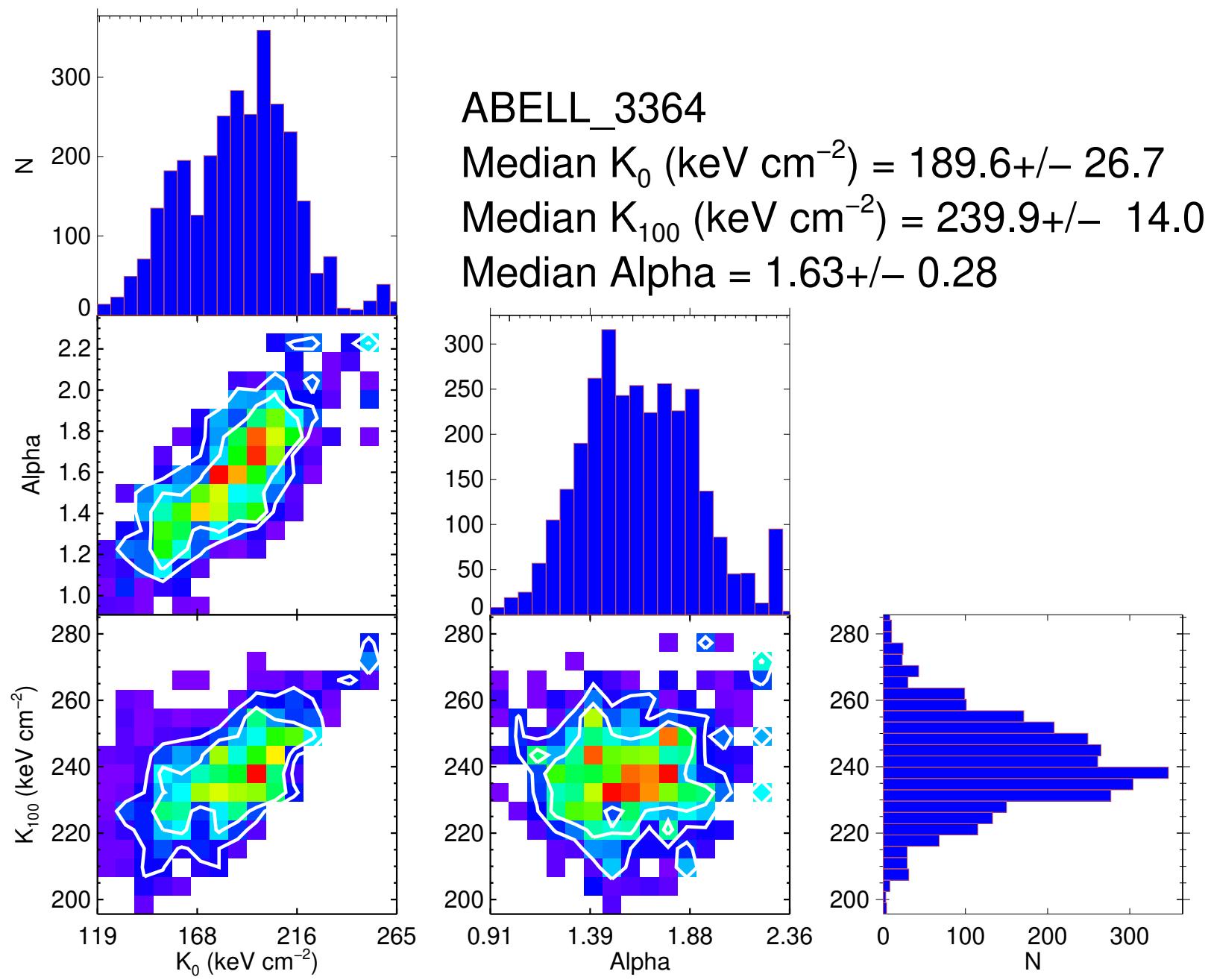
ABELL_3343

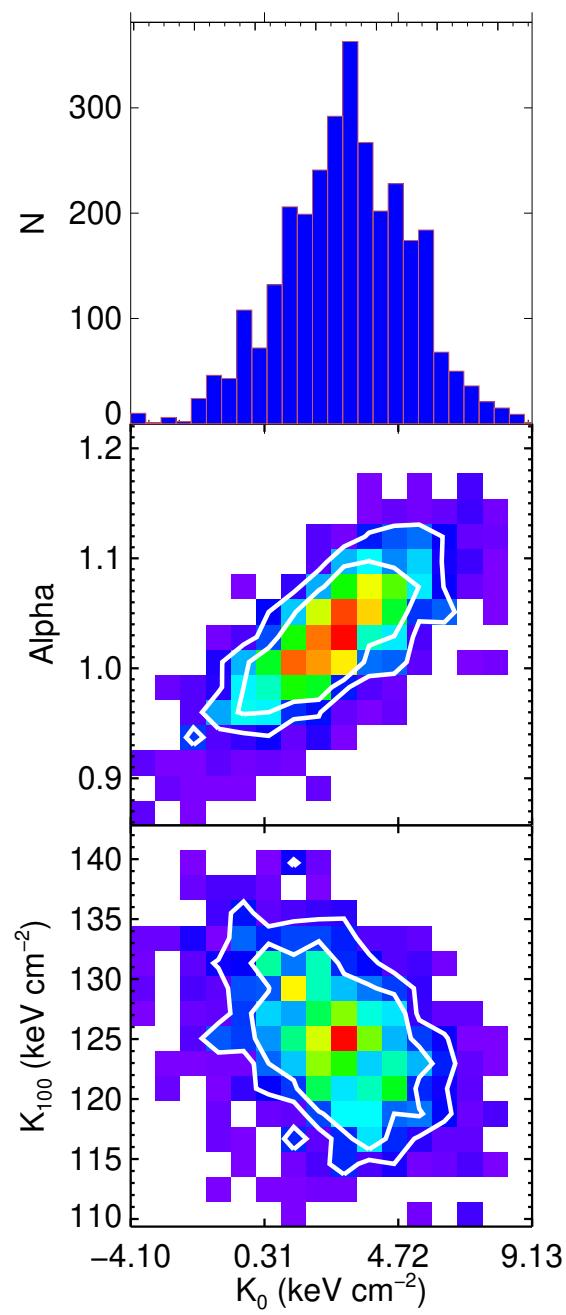
Median K_0 (keV cm $^{-2}$) = 133.8 ± 54.8

Median K_{100} (keV cm $^{-2}$) = 234.7 ± 21.3

Median Alpha = 1.06 ± 0.38





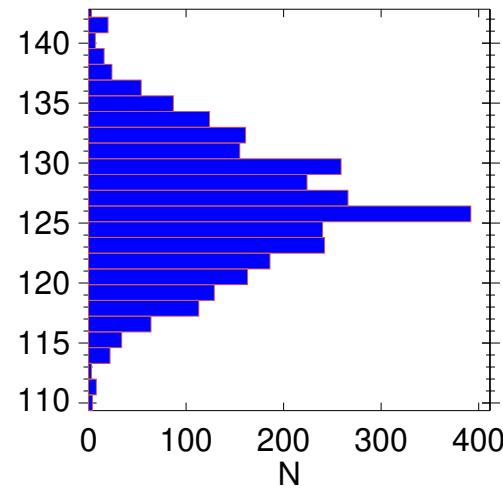
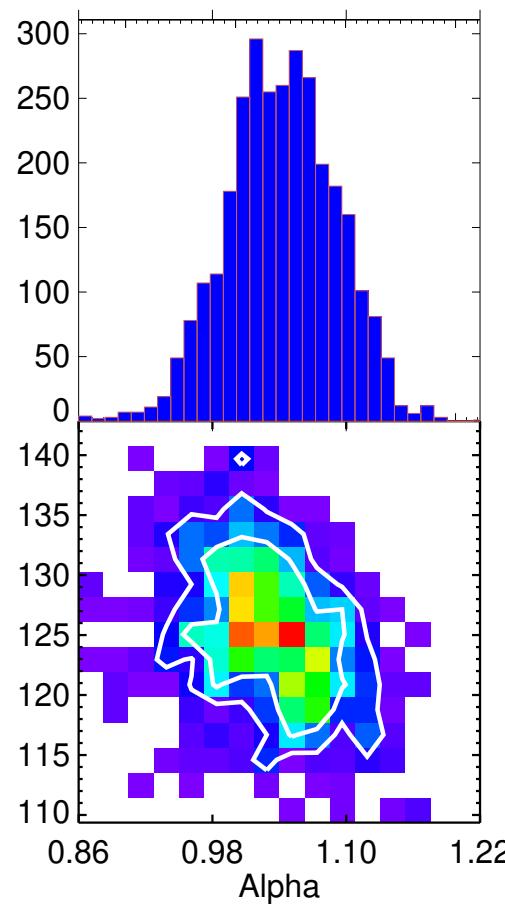


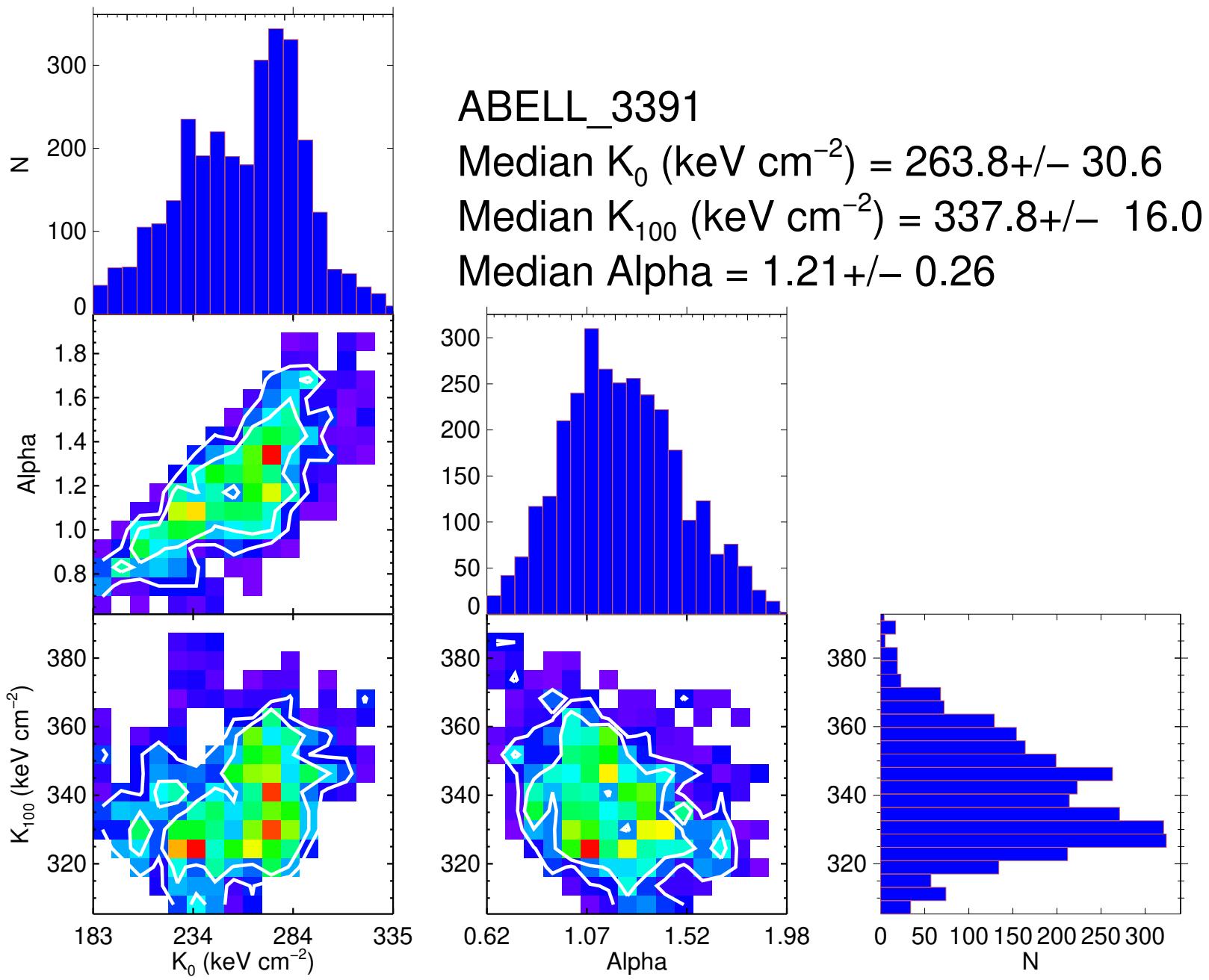
ABELL_3378

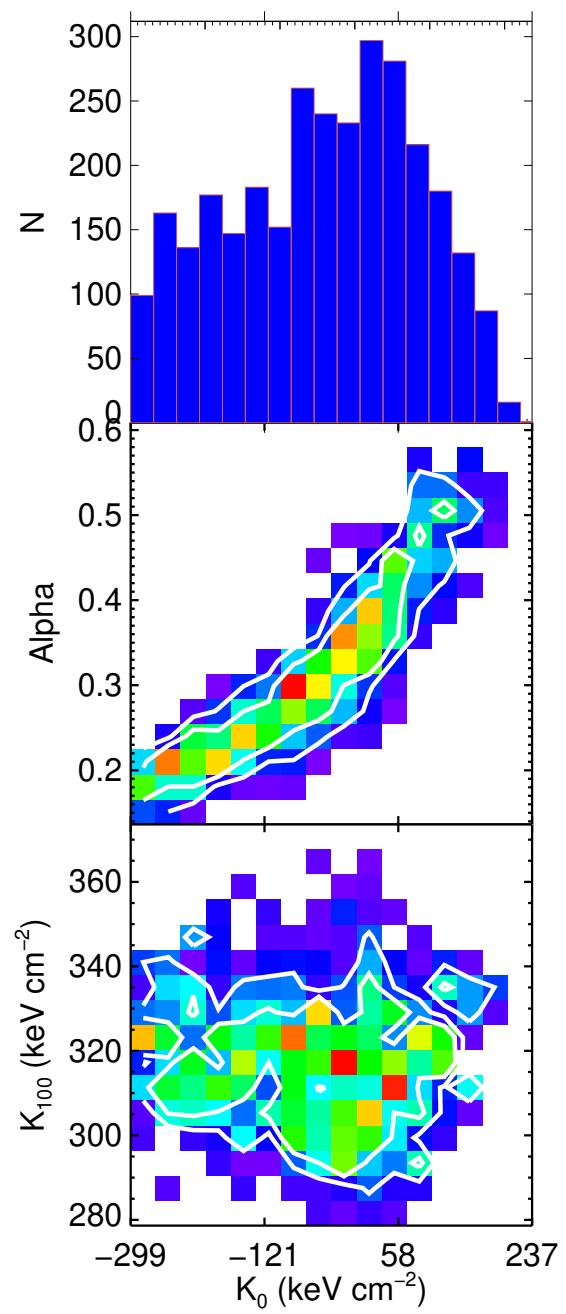
Median K_0 (keV cm $^{-2}$) = 3.0 ± 2.1

Median K_{100} (keV cm $^{-2}$) = 126.1 ± 5.4

Median Alpha = 1.04 ± 0.05





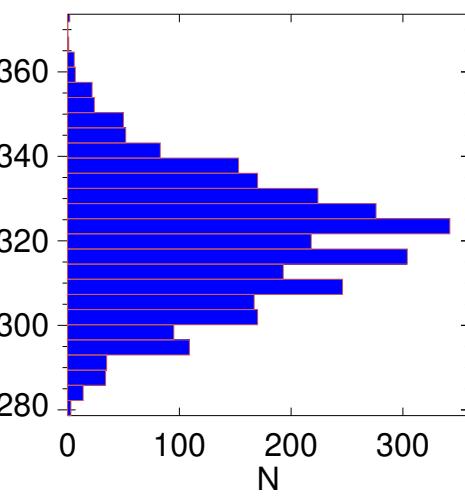
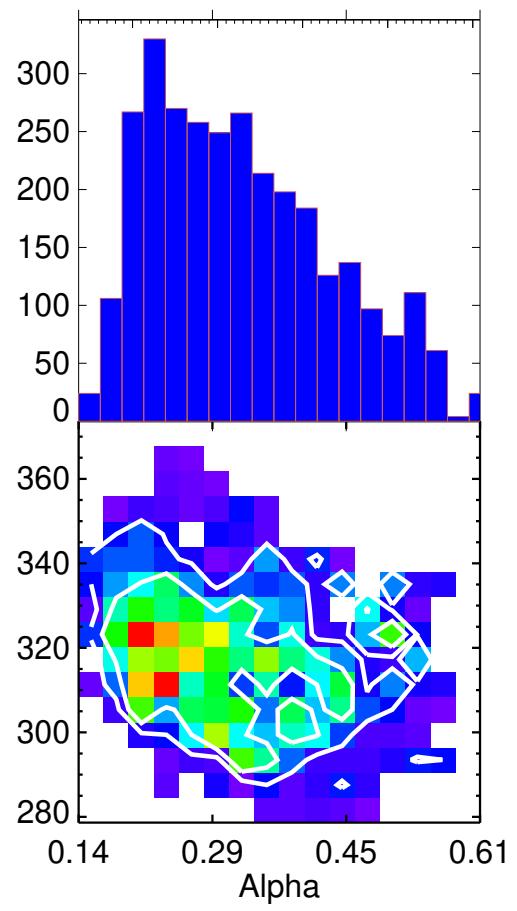


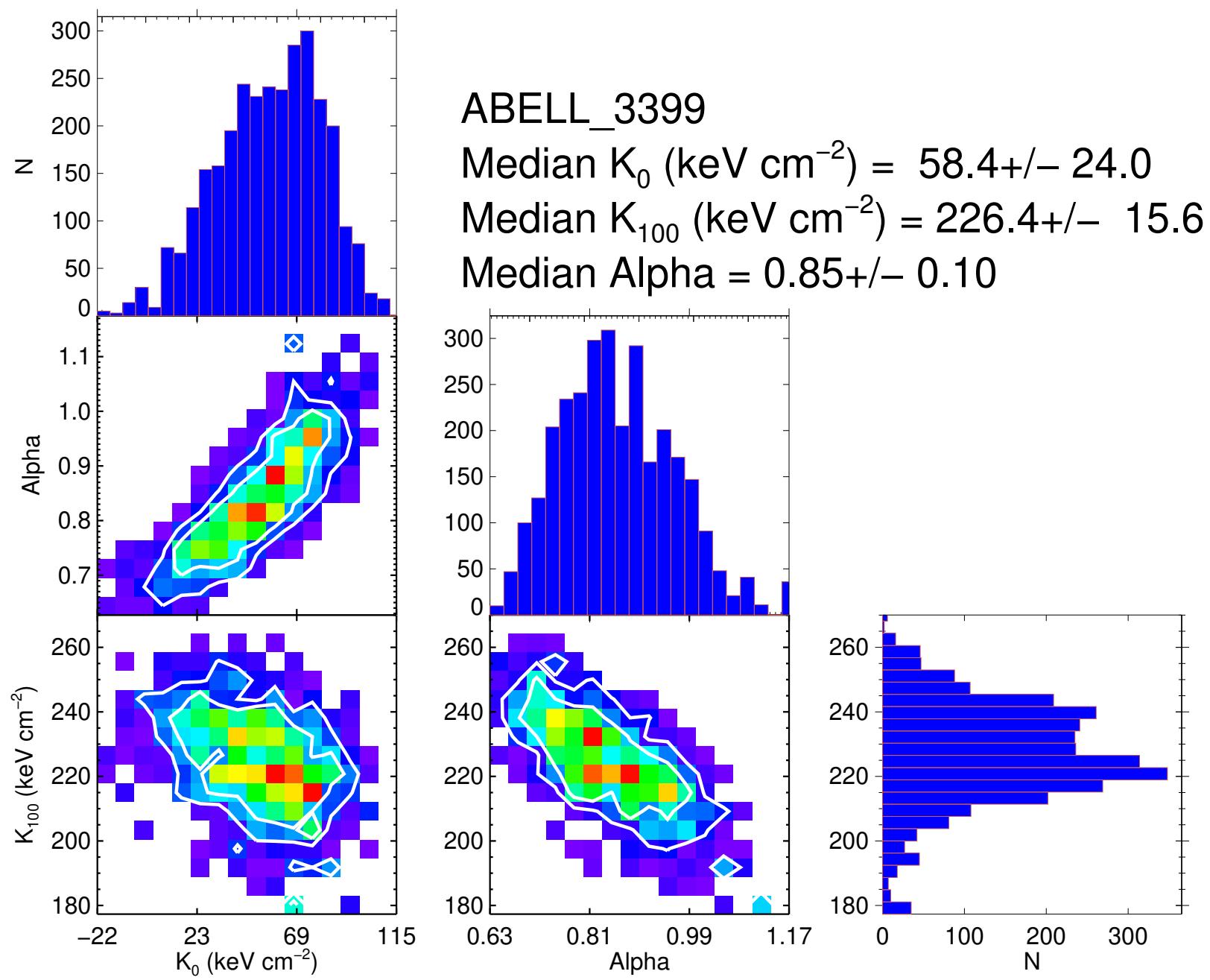
ABELL_3395_SW

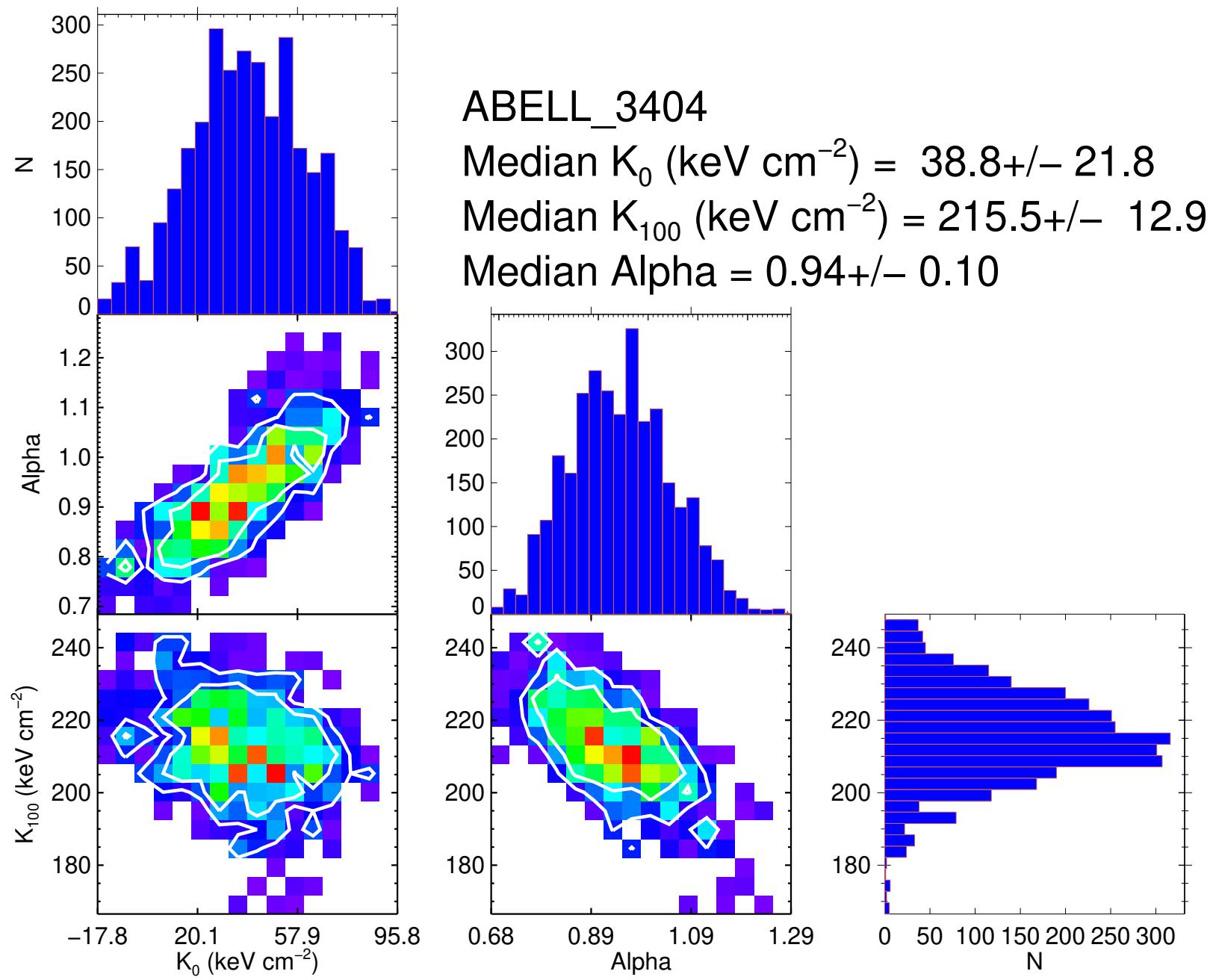
Median K_0 (keV cm $^{-2}$) = $-30.2+/-126.2$

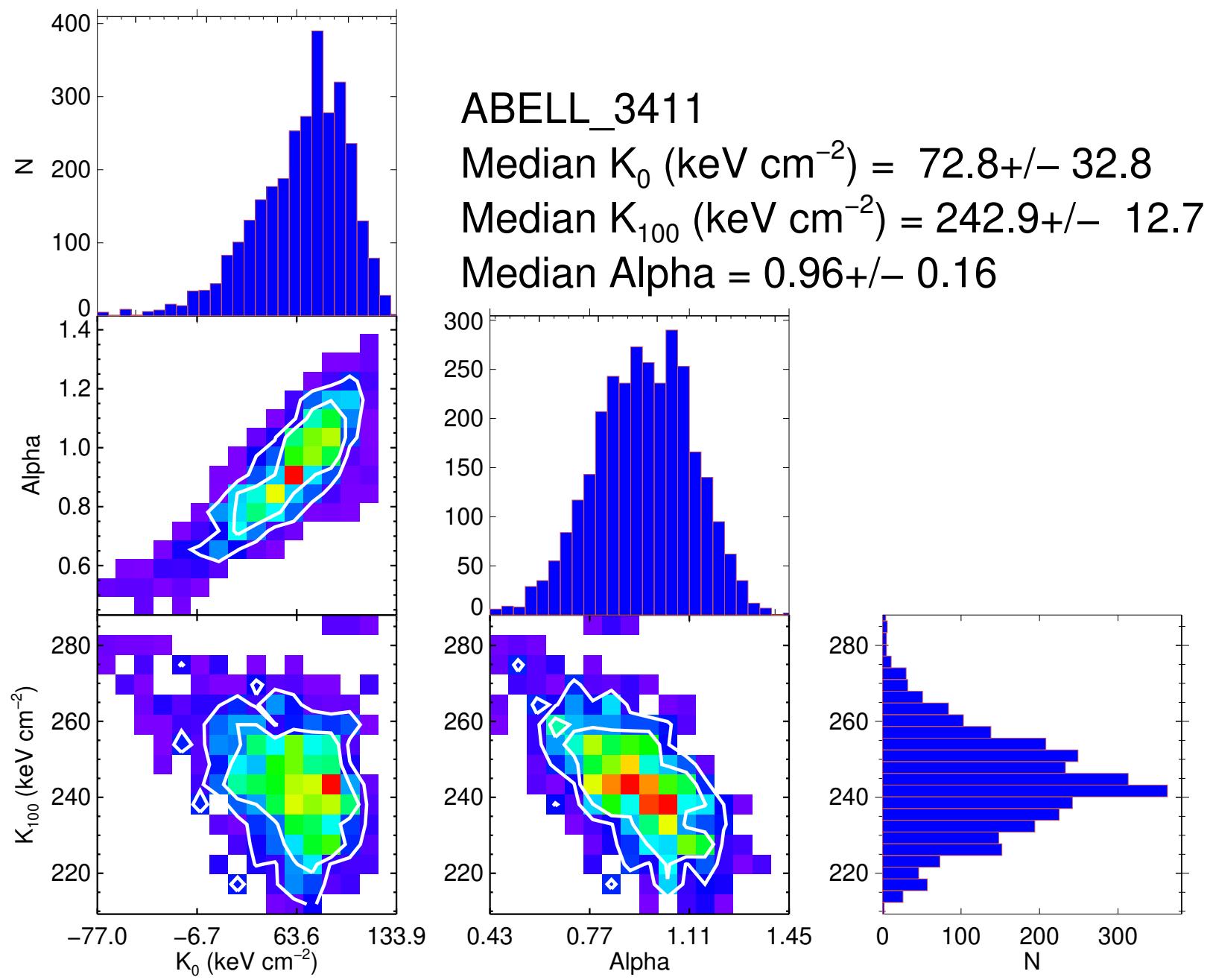
Median K_{100} (keV cm $^{-2}$) = $320.4+/-14.8$

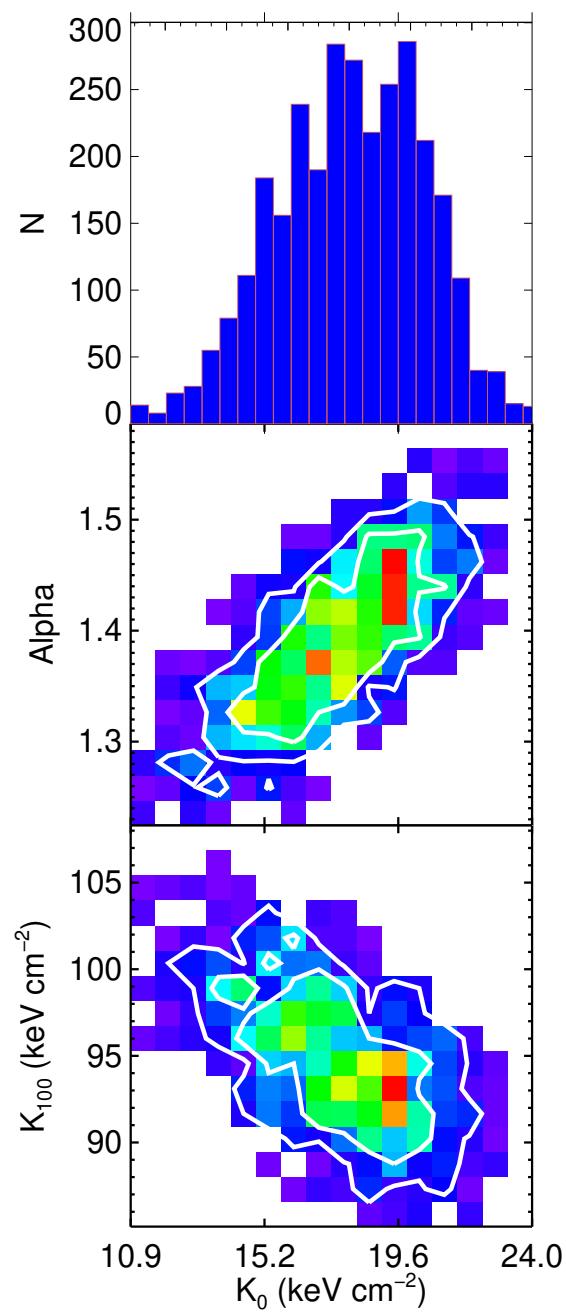
Median Alpha = $0.31+/-0.11$









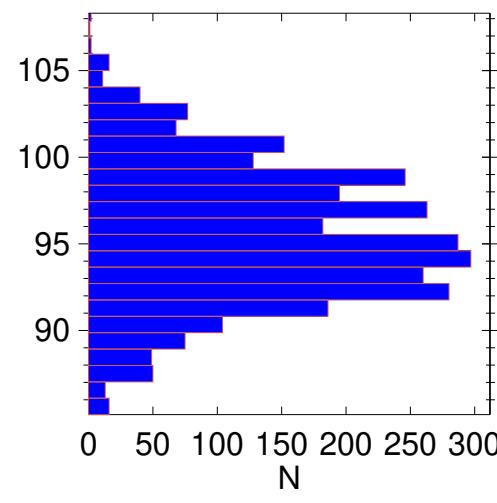
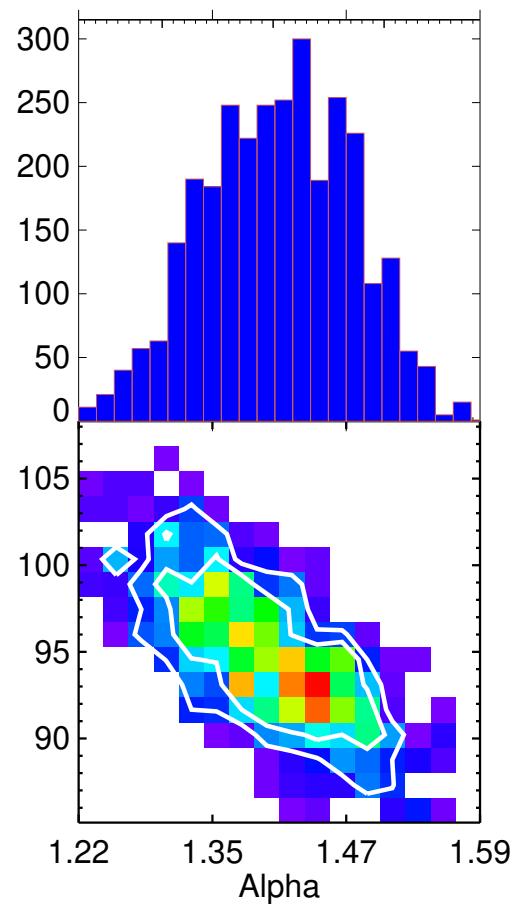


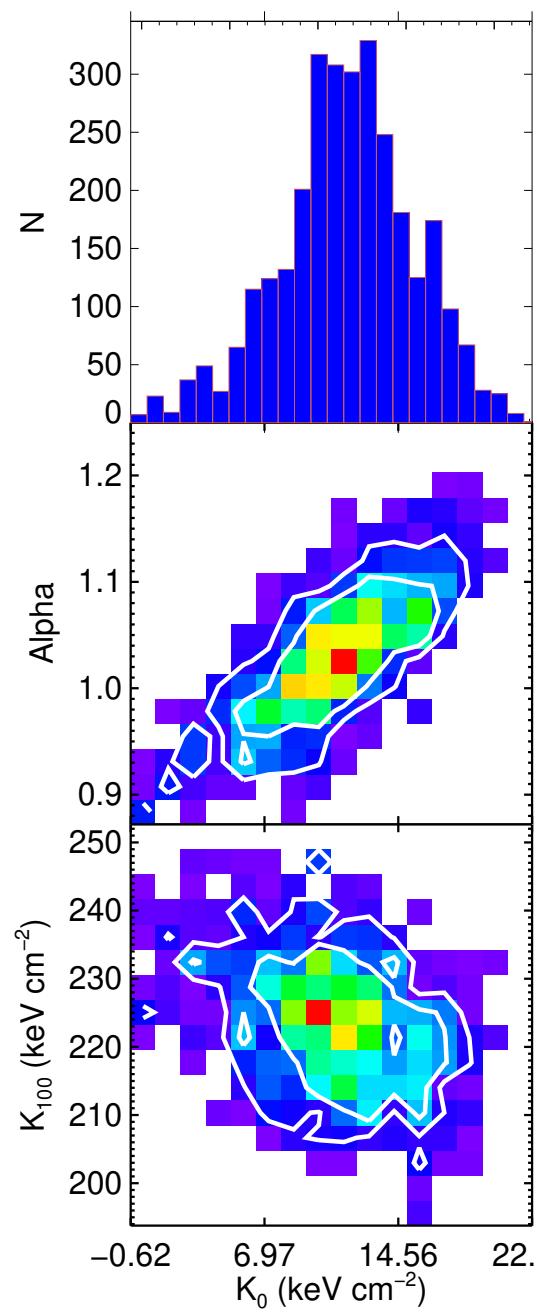
ABELL_3444

Median K_0 (keV cm $^{-2}$) = 18.2+/- 2.4

Median K_{100} (keV cm $^{-2}$) = 95.0+/- 3.9

Median Alpha = 1.41+/- 0.07



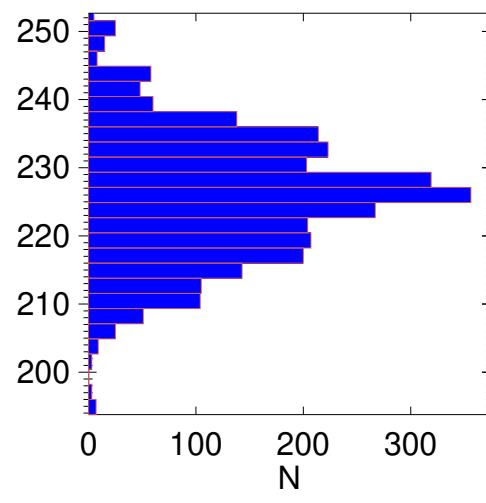
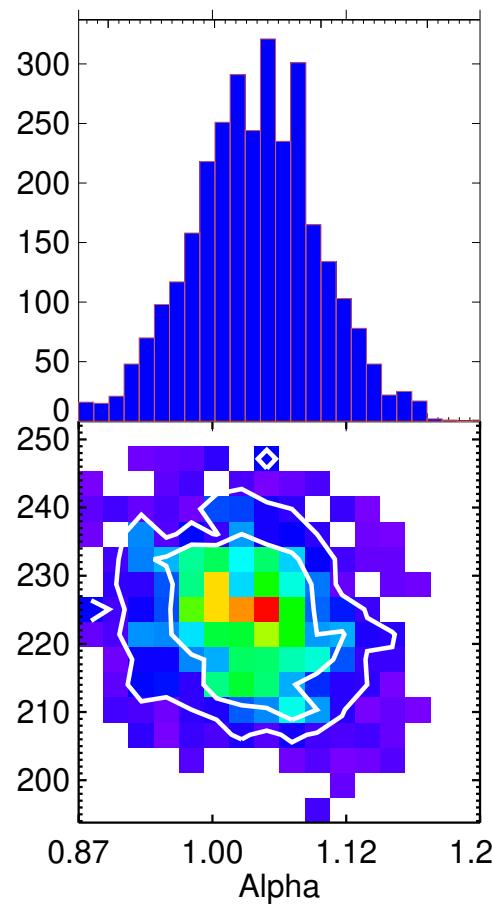


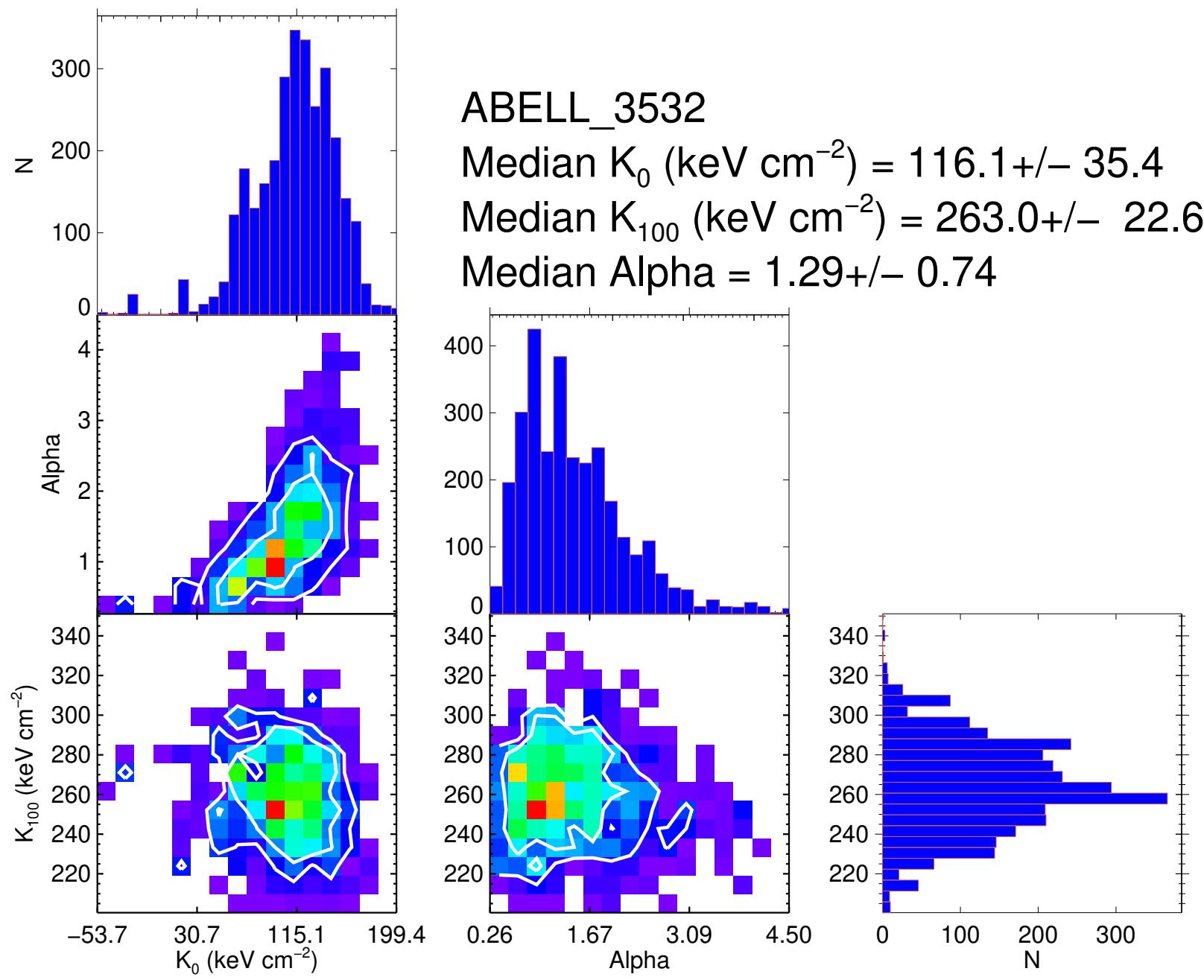
ABELL_3528B

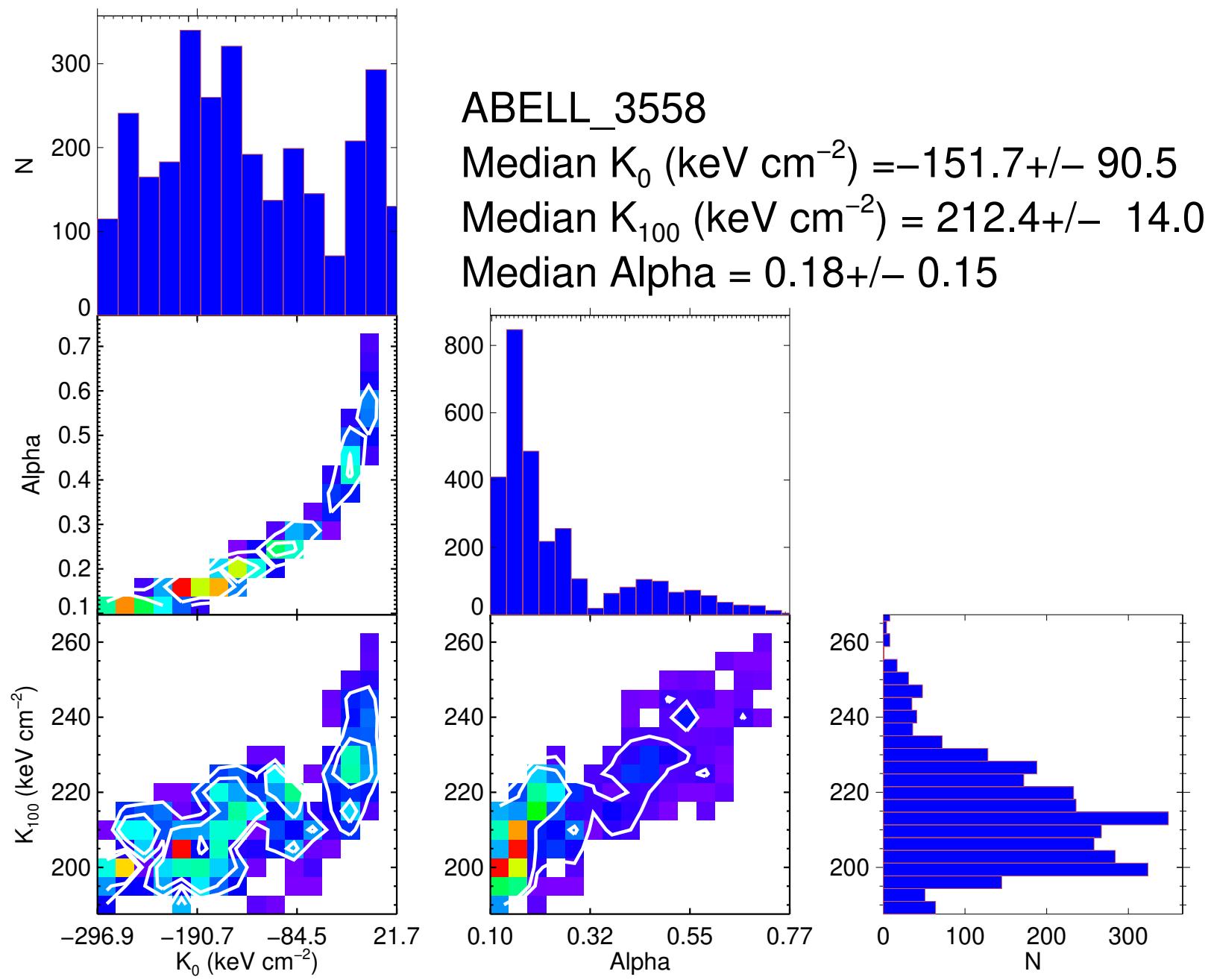
Median K_0 (keV cm $^{-2}$) = 11.7 ± 3.8

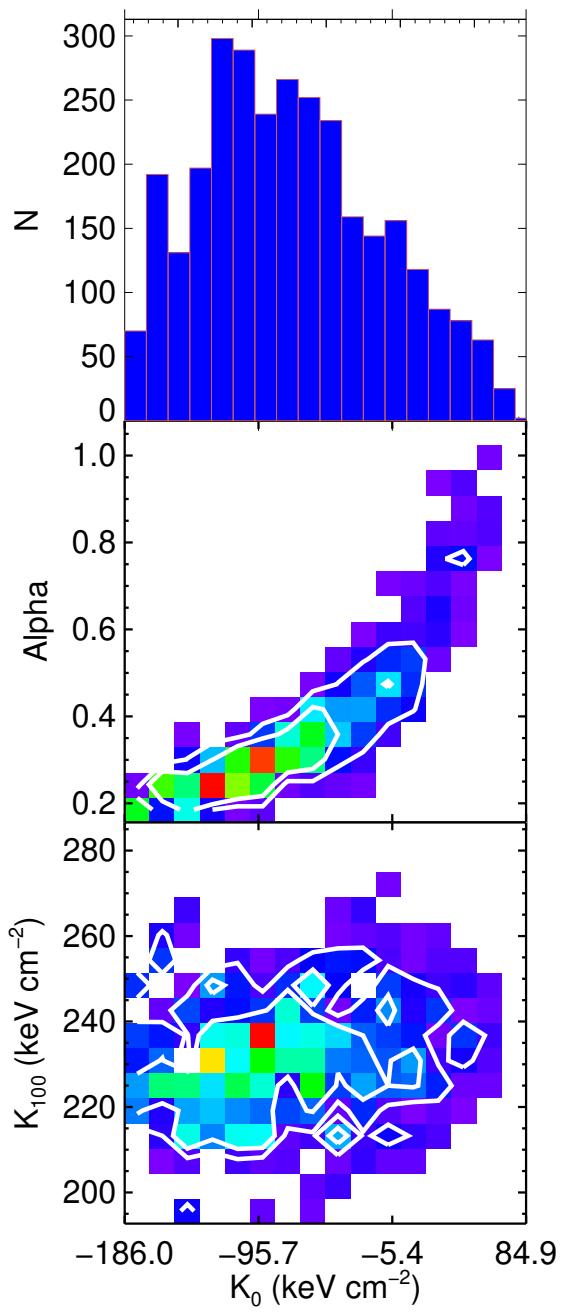
Median K_{100} (keV cm $^{-2}$) = 226.0 ± 9.2

Median Alpha = 1.04 ± 0.06







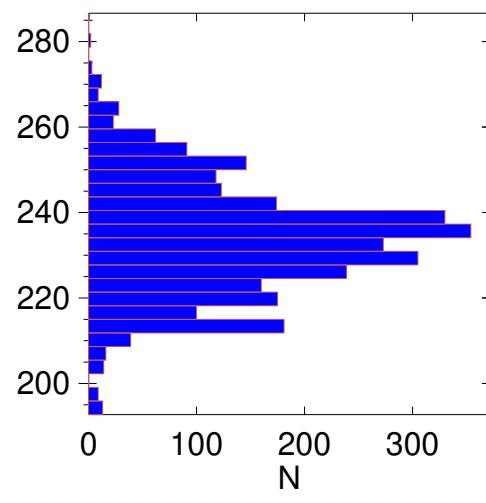
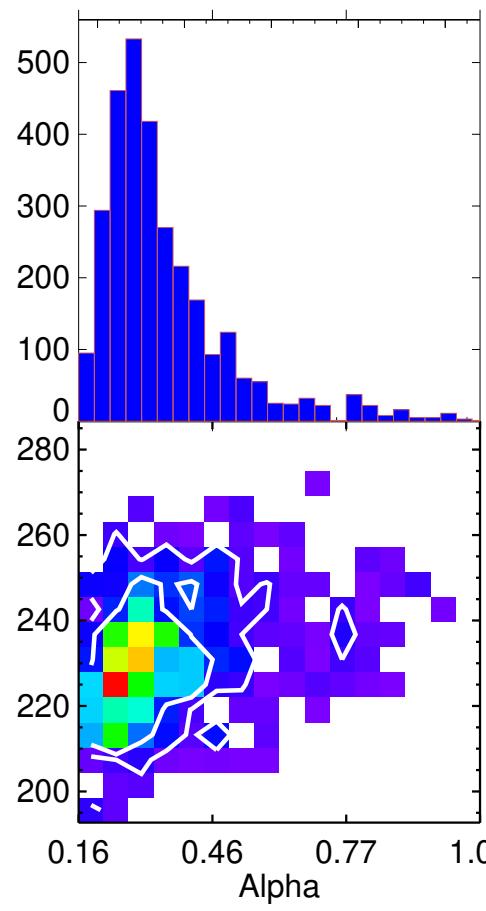


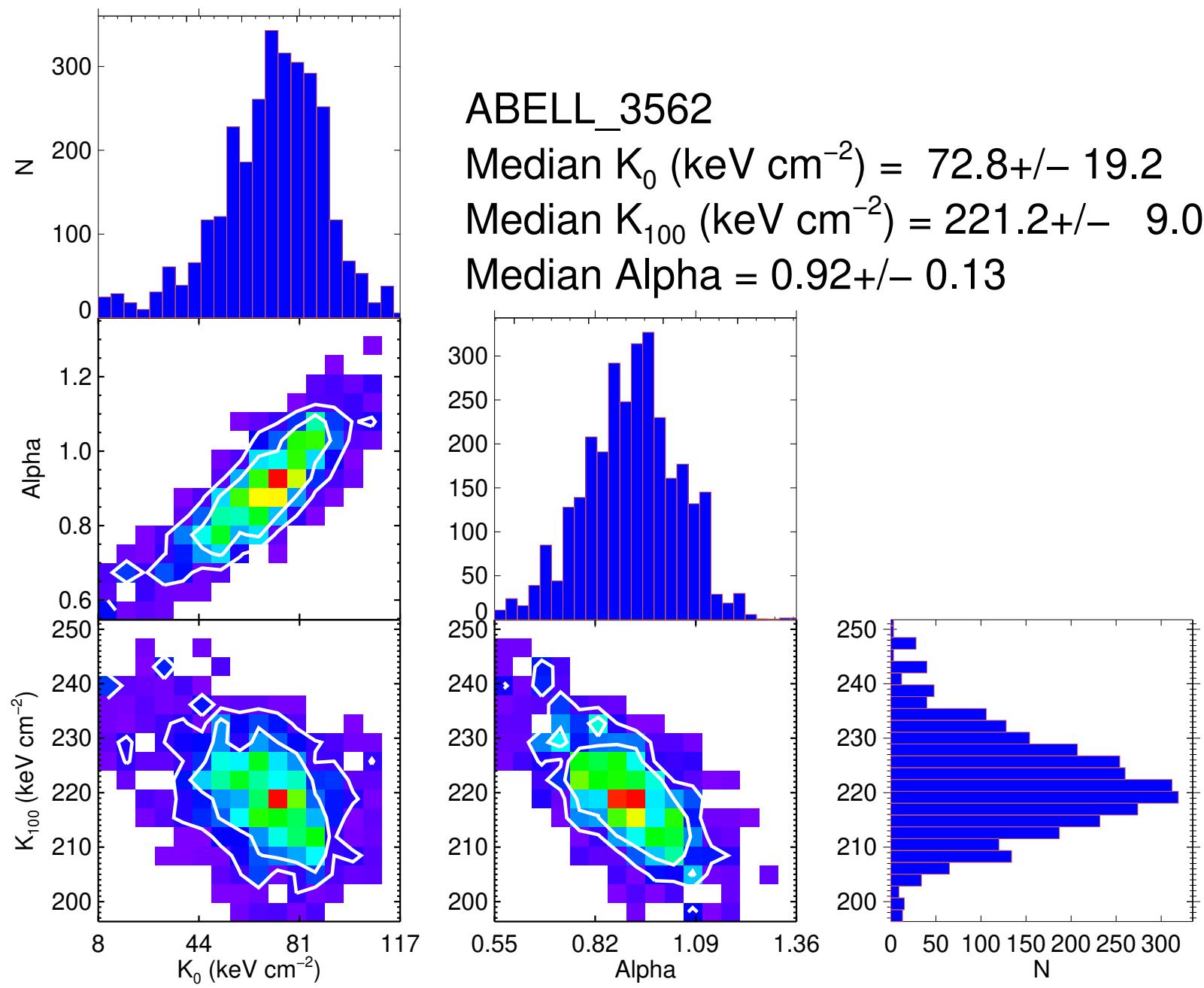
ABELL_3560

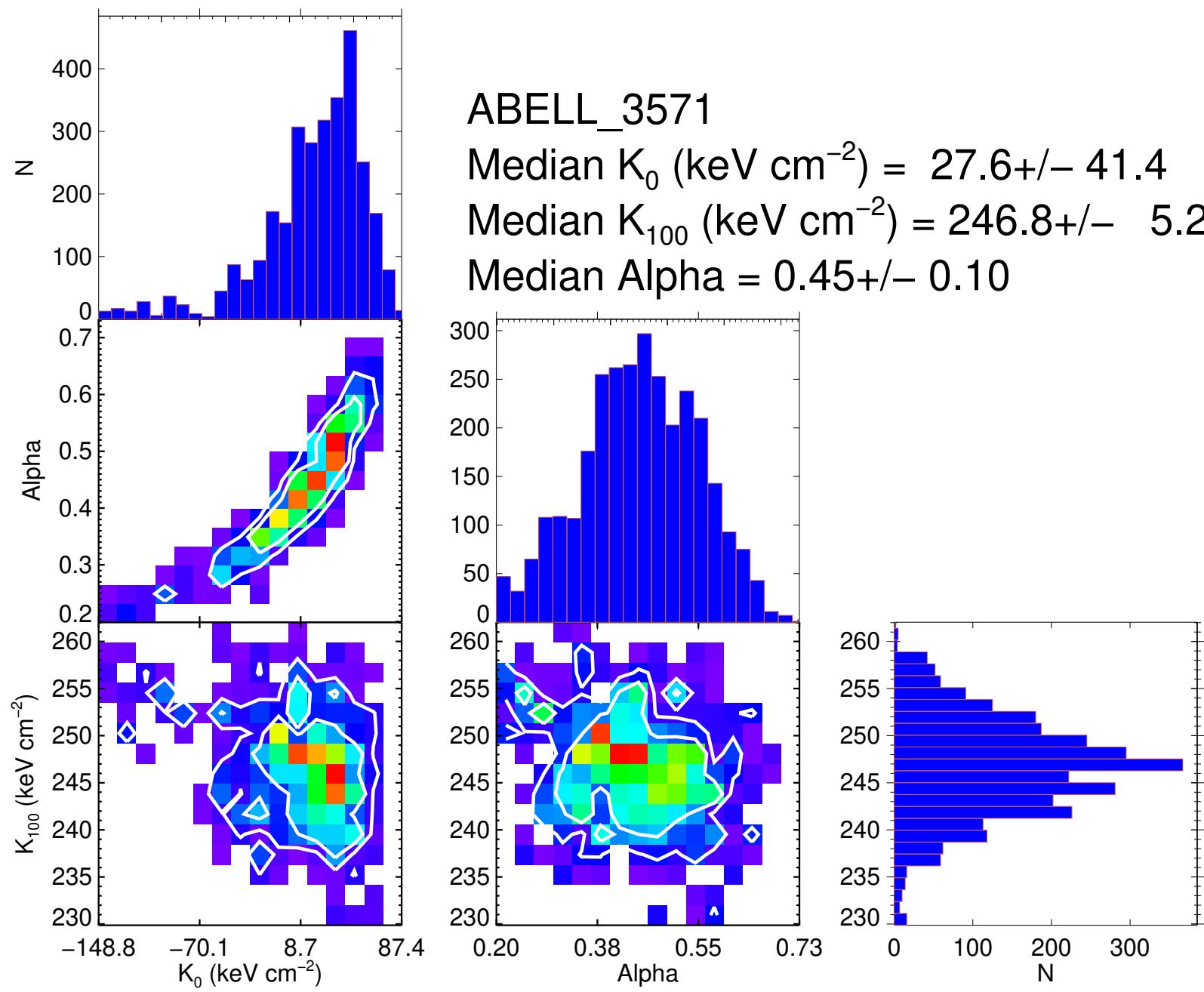
Median K_0 (keV cm $^{-2}$) = -80.8 ± 60.3

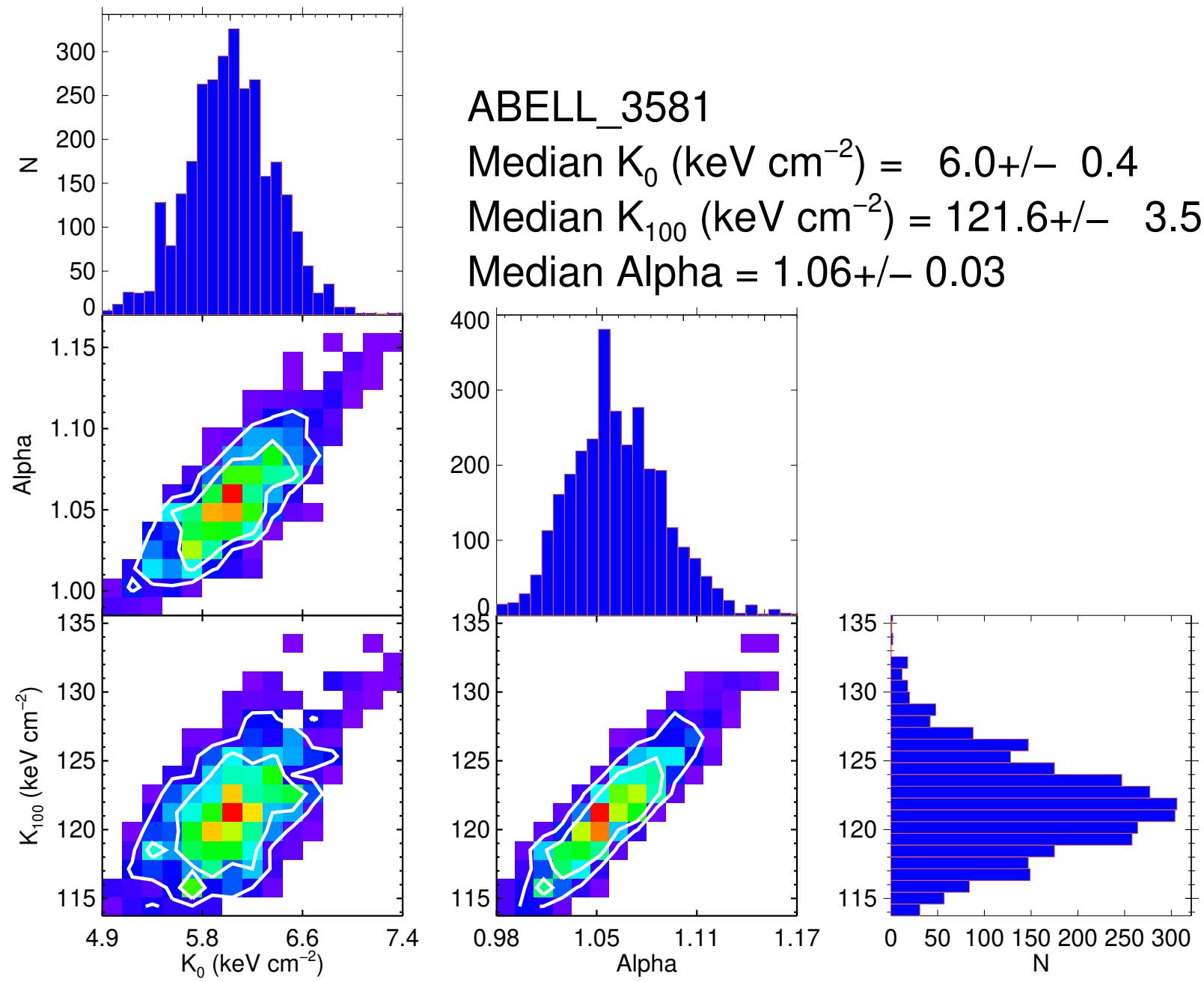
Median K_{100} (keV cm $^{-2}$) = 233.7 ± 13.1

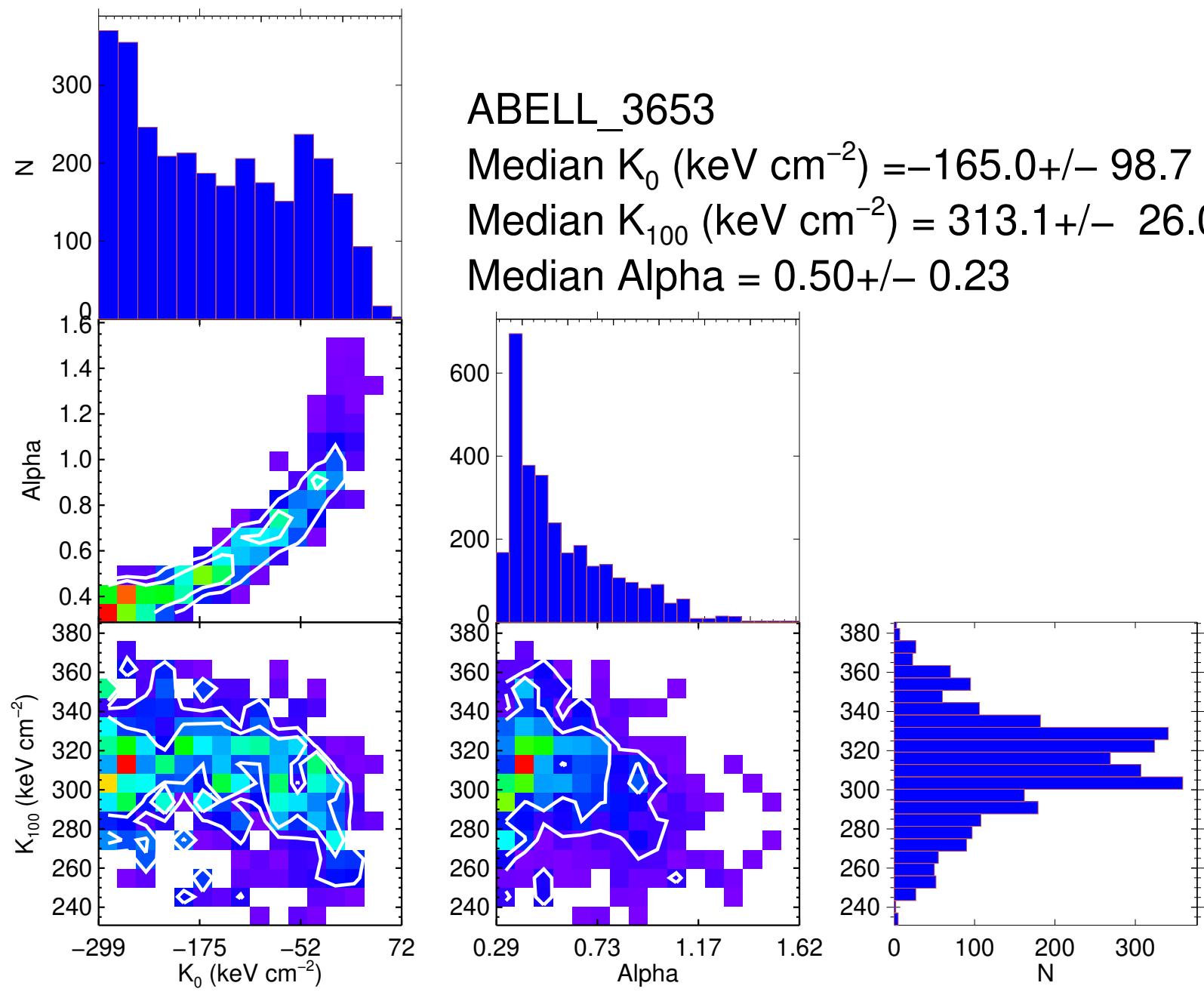
Median Alpha = 0.31 ± 0.15

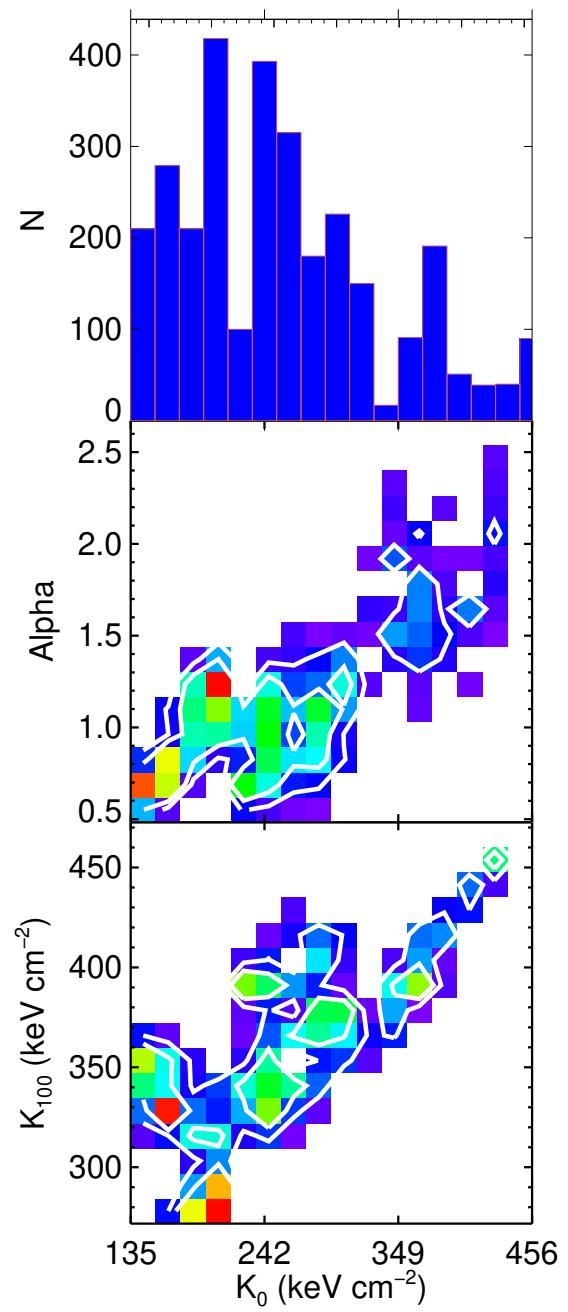










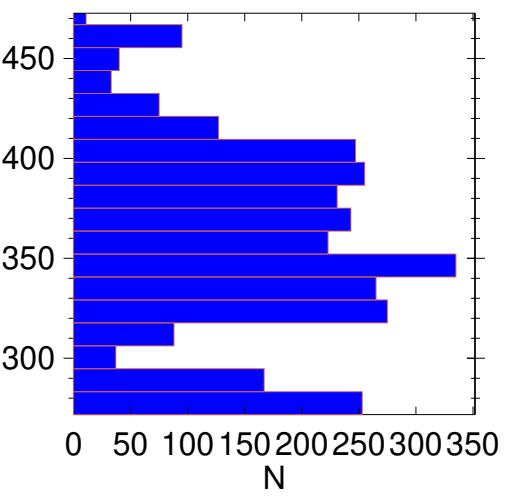
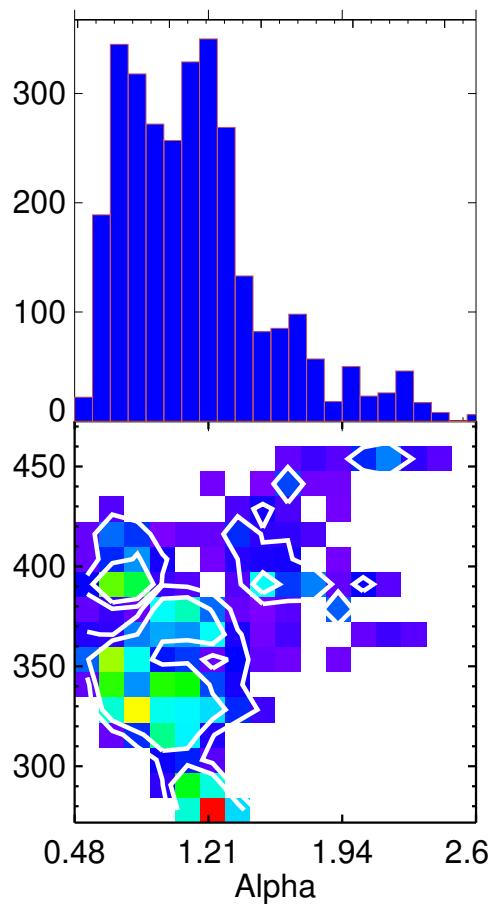


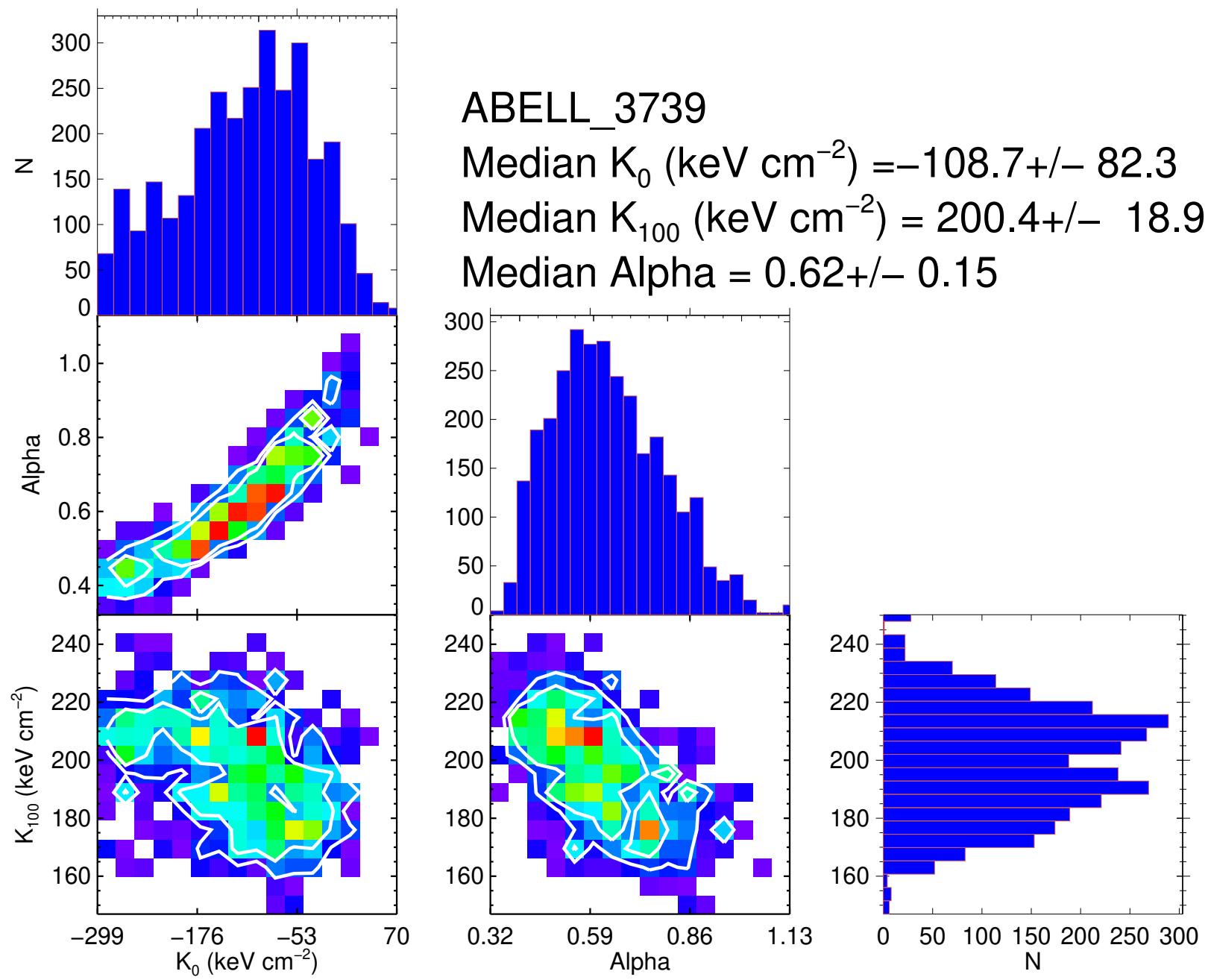
ABELL_3695

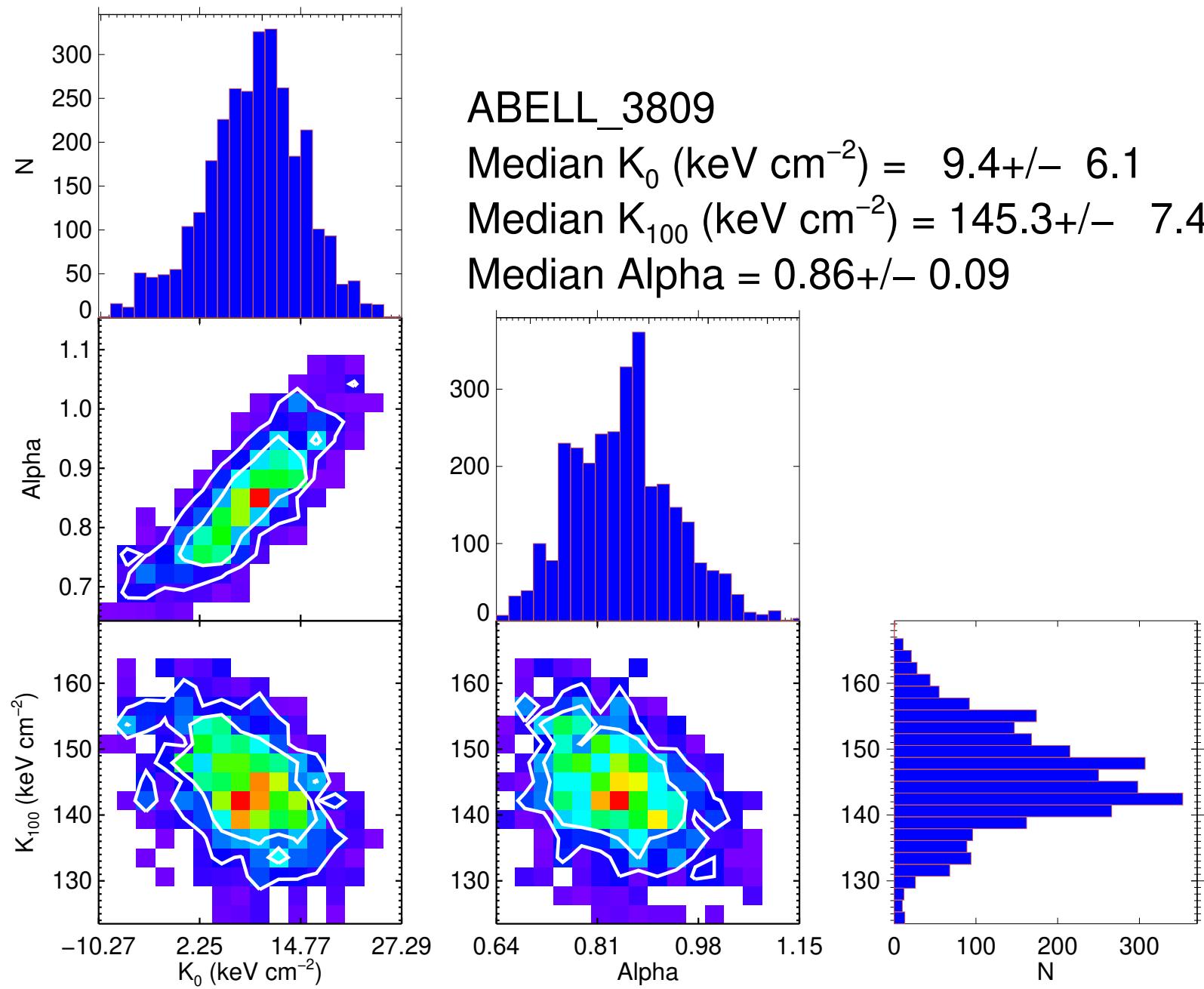
Median K_0 (keV cm $^{-2}$) = 246.3 ± 80.2

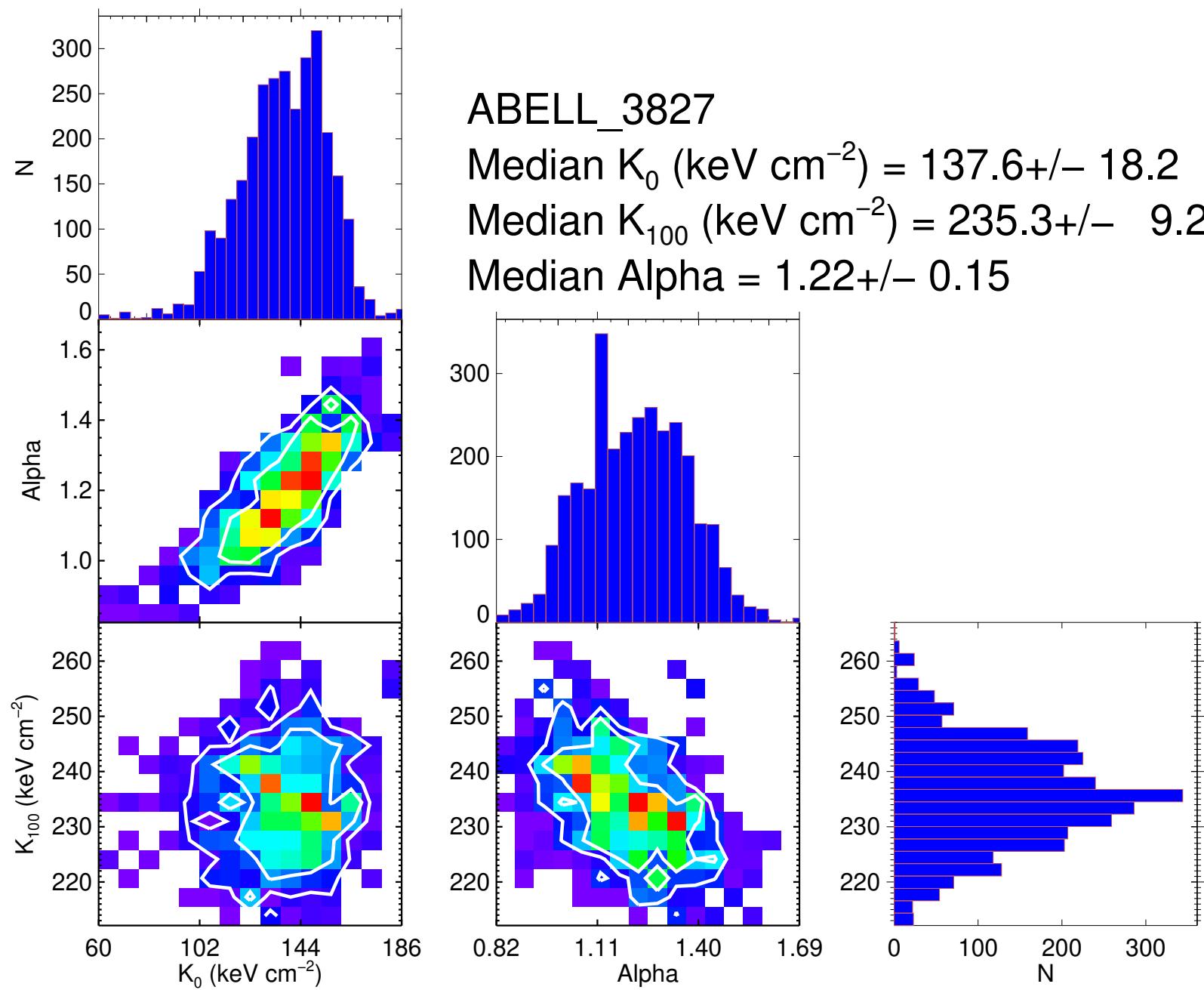
Median K_{100} (keV cm $^{-2}$) = 357.5 ± 47.3

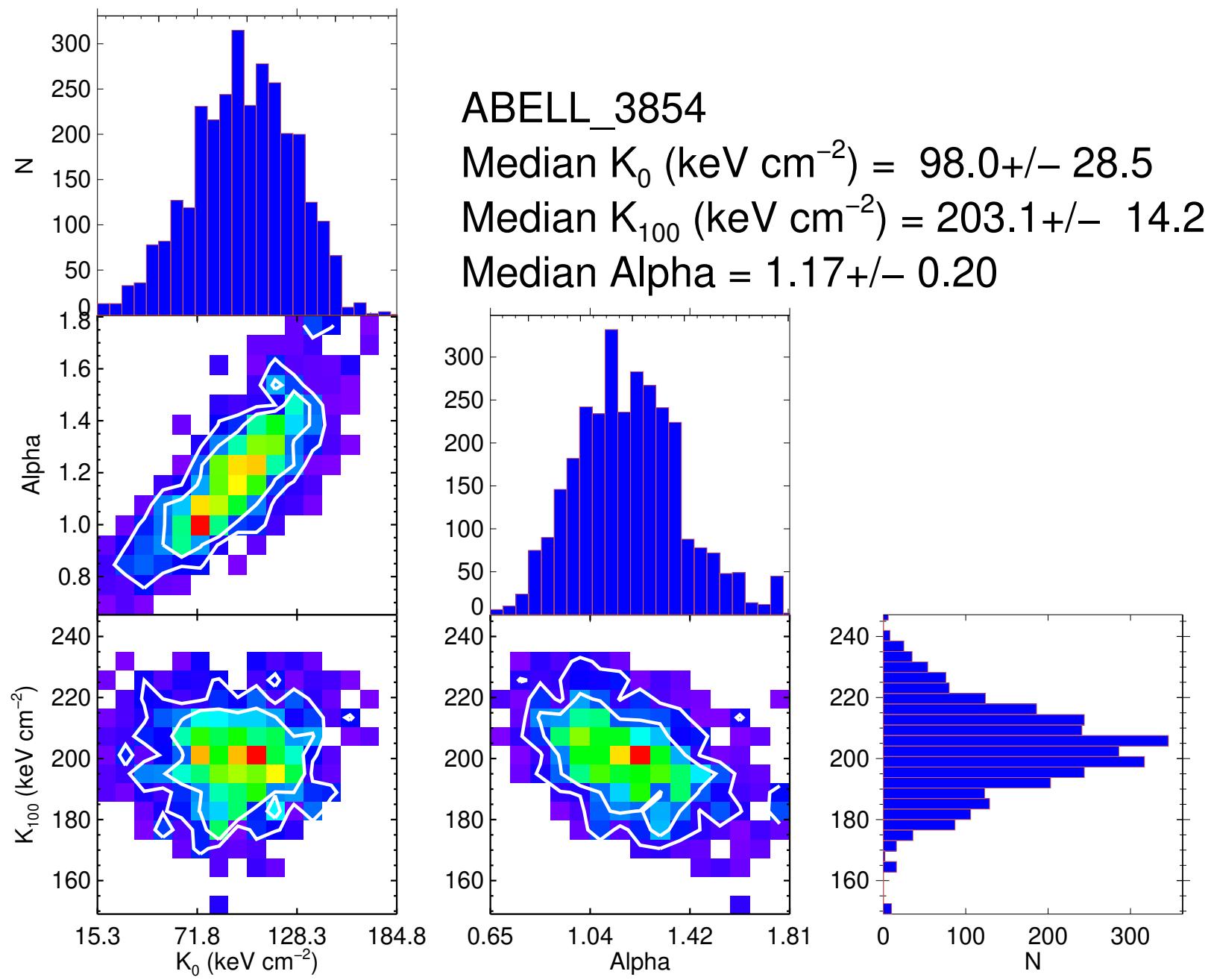
Median Alpha = 1.10 ± 0.40

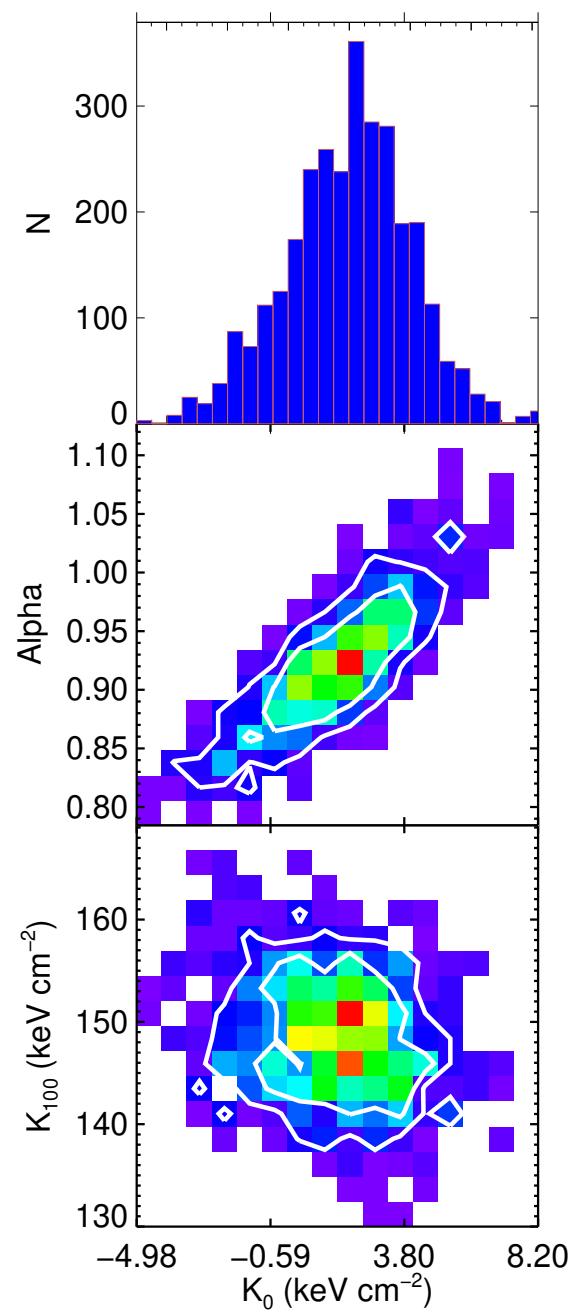










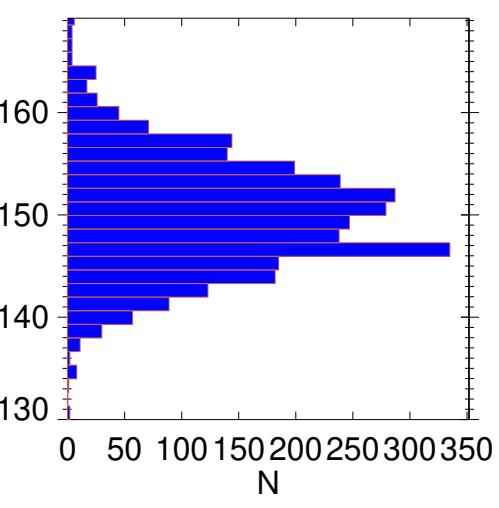
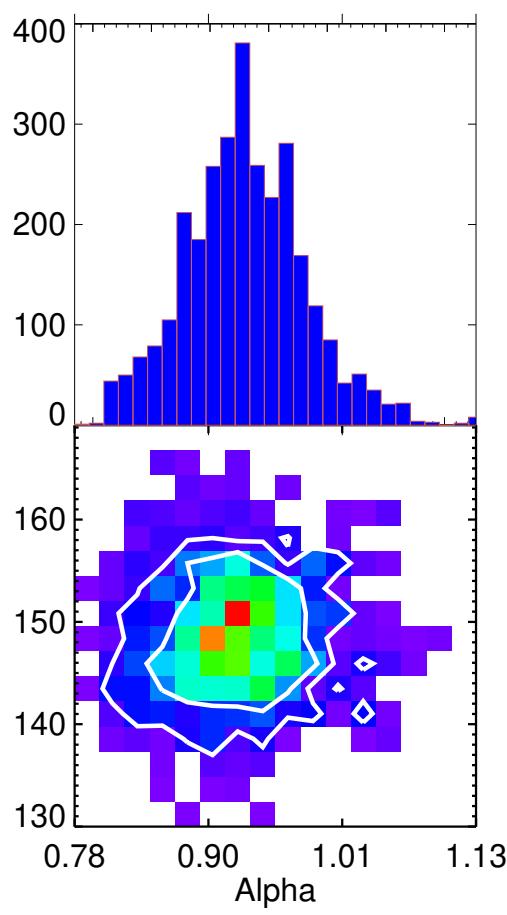


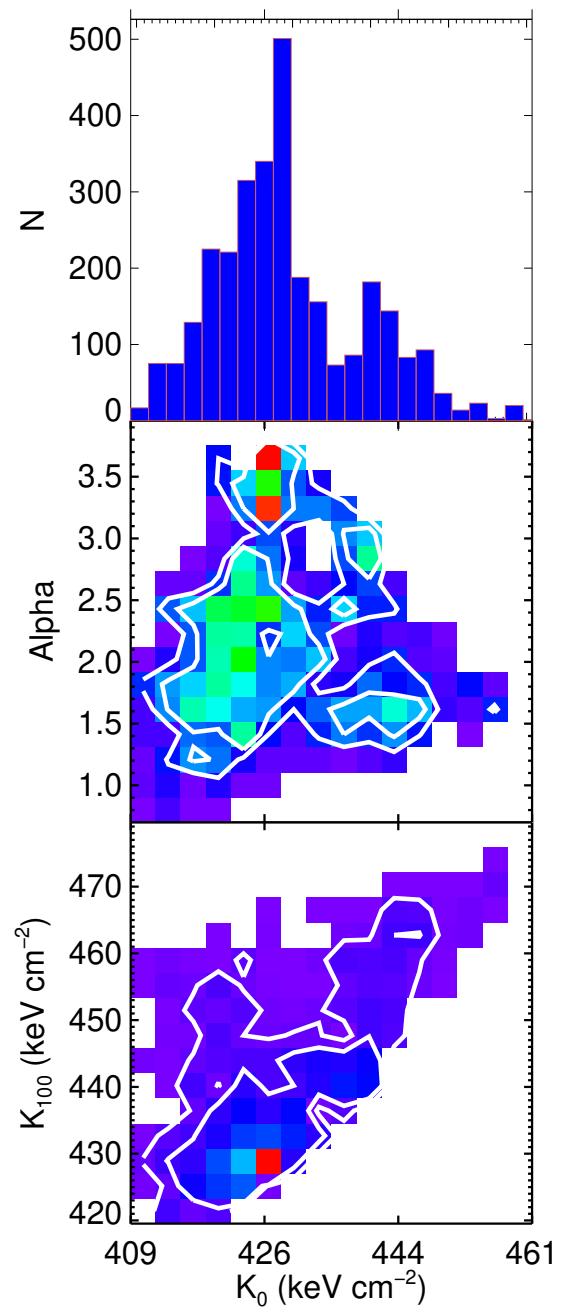
ABELL_3880

Median K_0 (keV cm $^{-2}$) = 2.1+/- 2.0

Median K_{100} (keV cm $^{-2}$) = 149.9+/- 5.5

Median Alpha = 0.93+/- 0.05



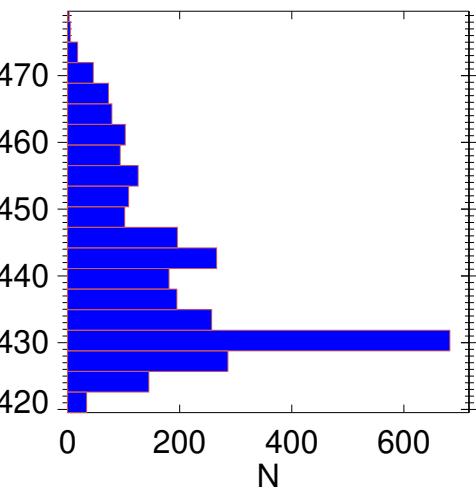
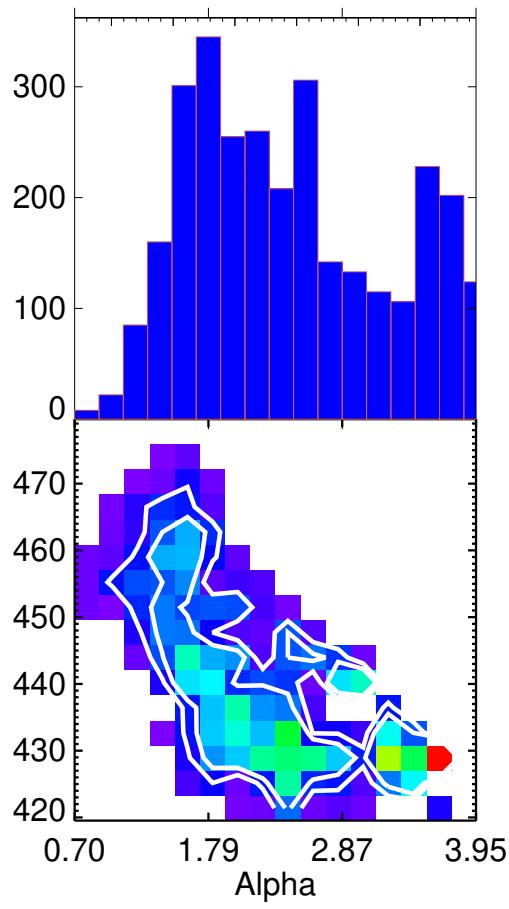


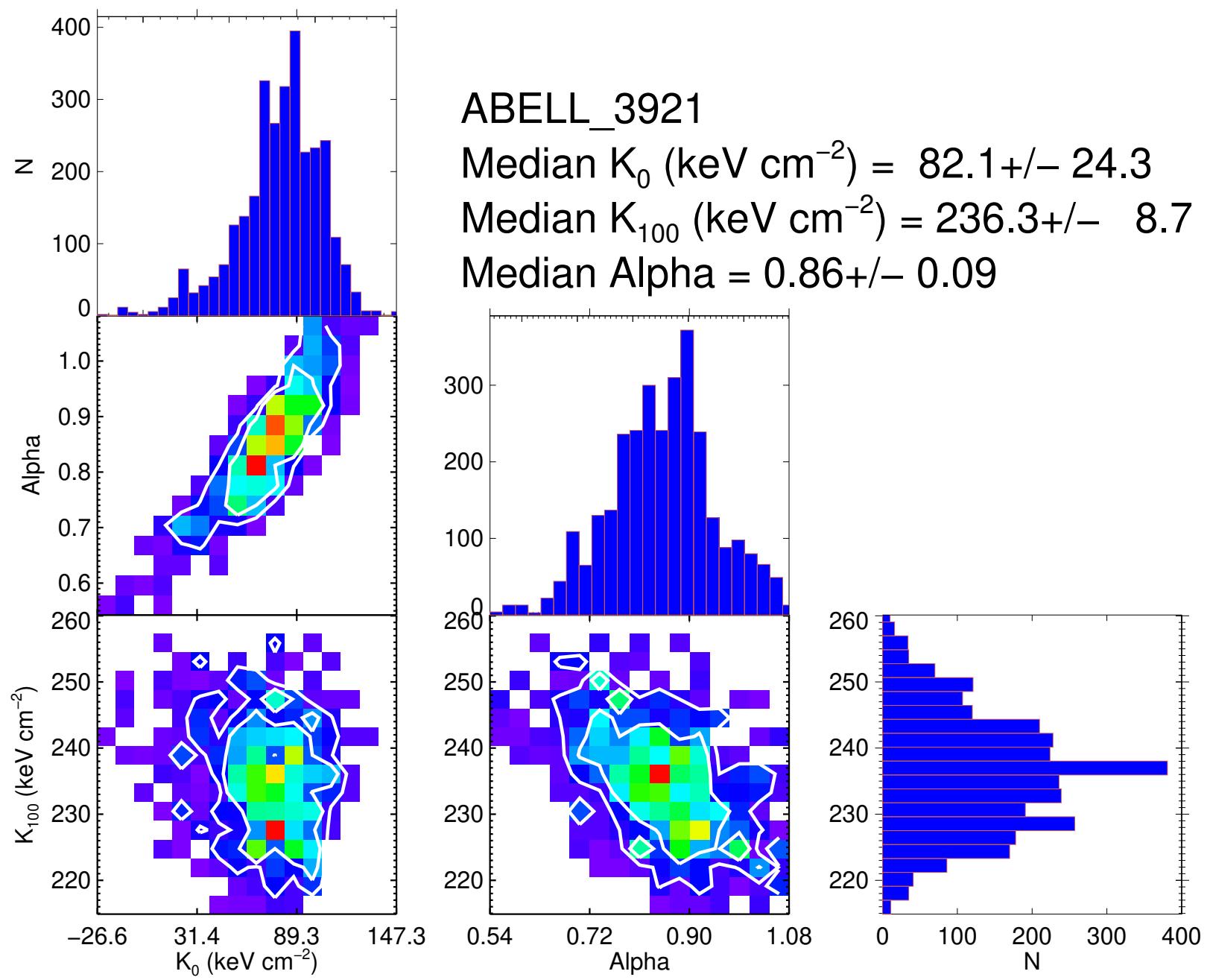
ABELL_3911

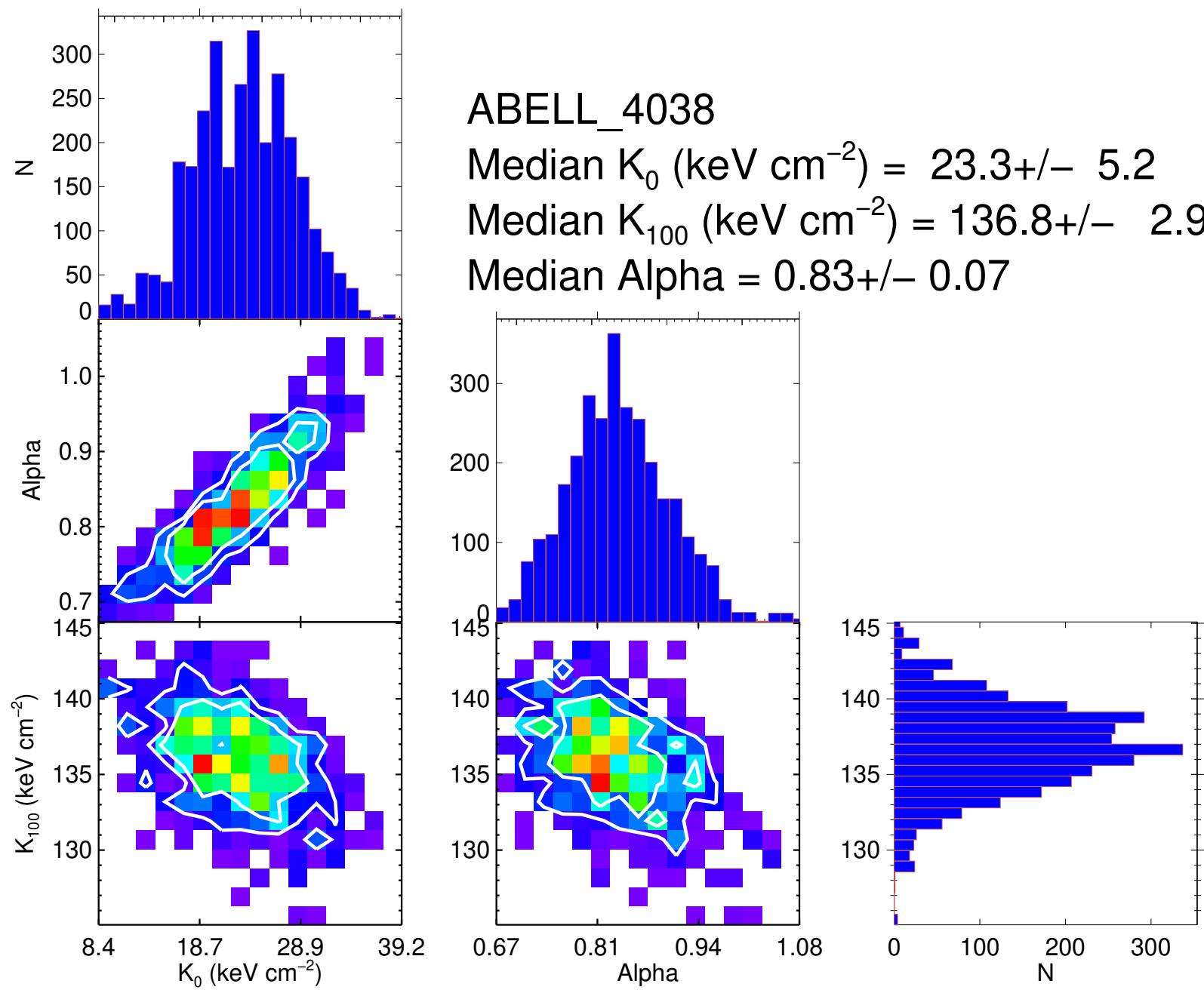
Median K_0 (keV cm $^{-2}$) = 428.7 ± 9.4

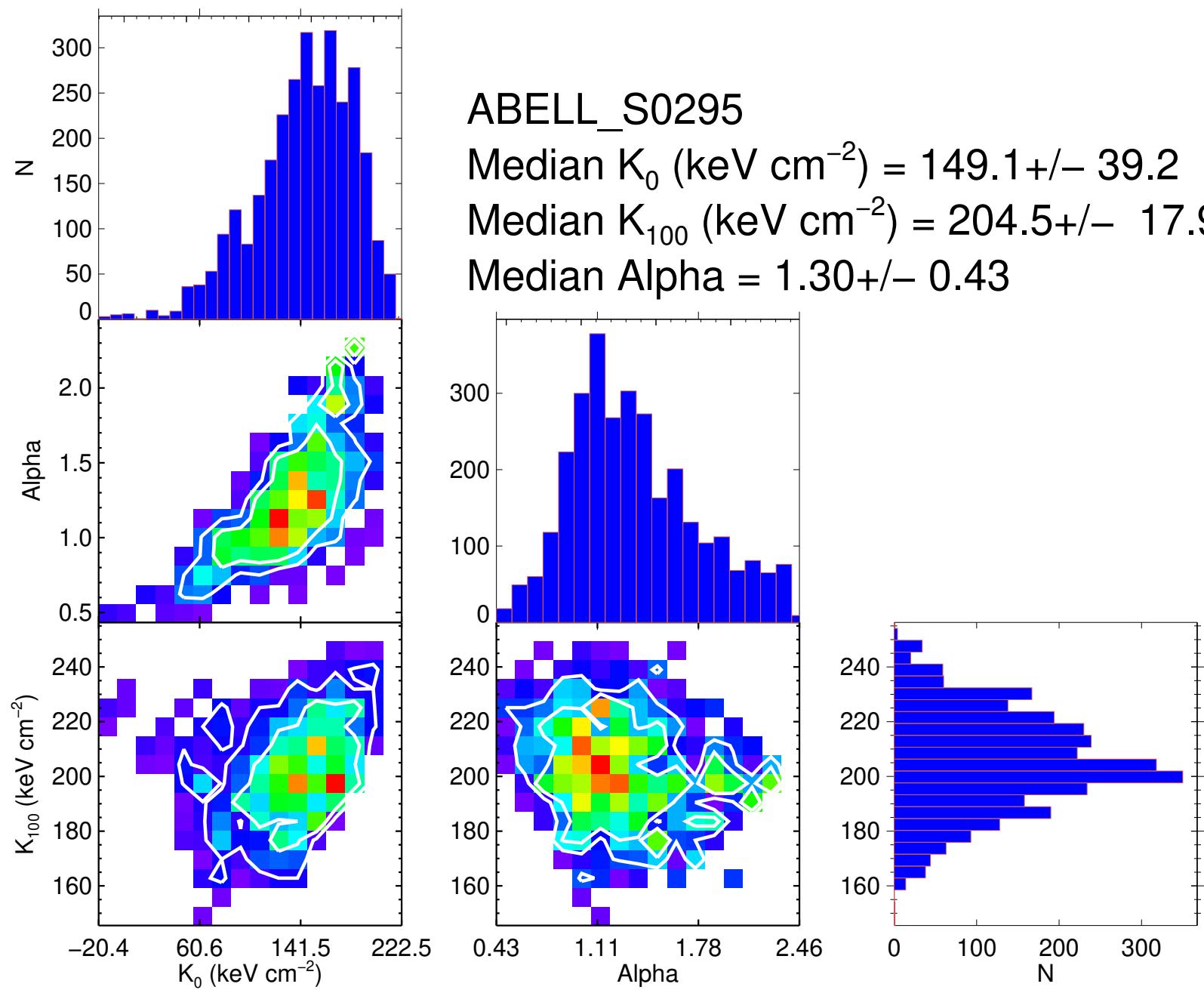
Median K_{100} (keV cm $^{-2}$) = 435.9 ± 12.7

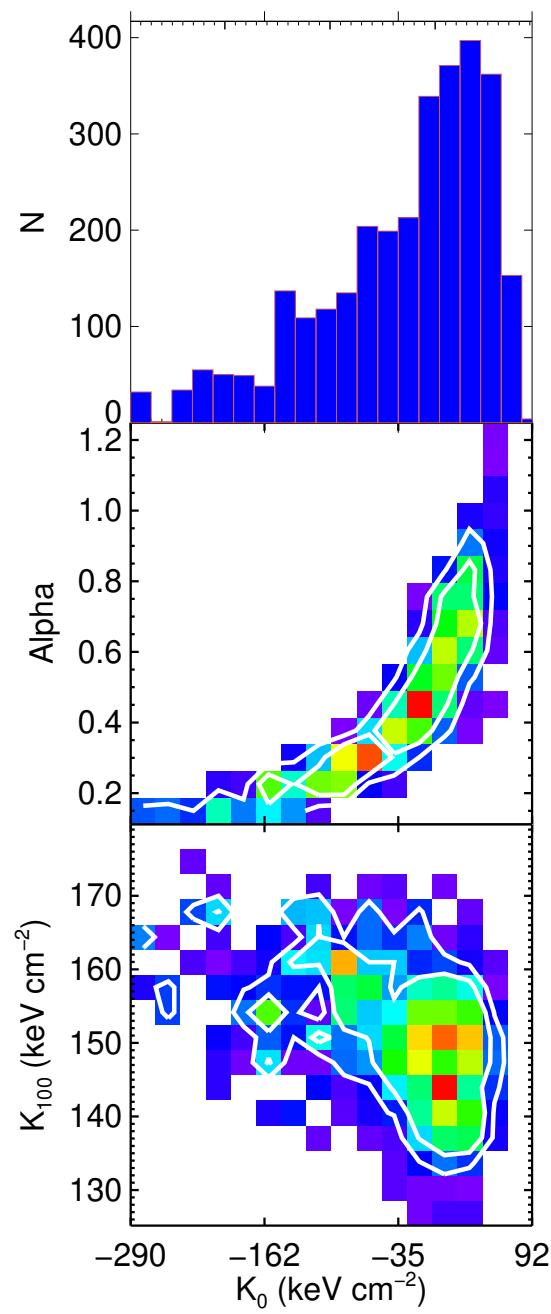
Median Alpha = 2.34 ± 0.81



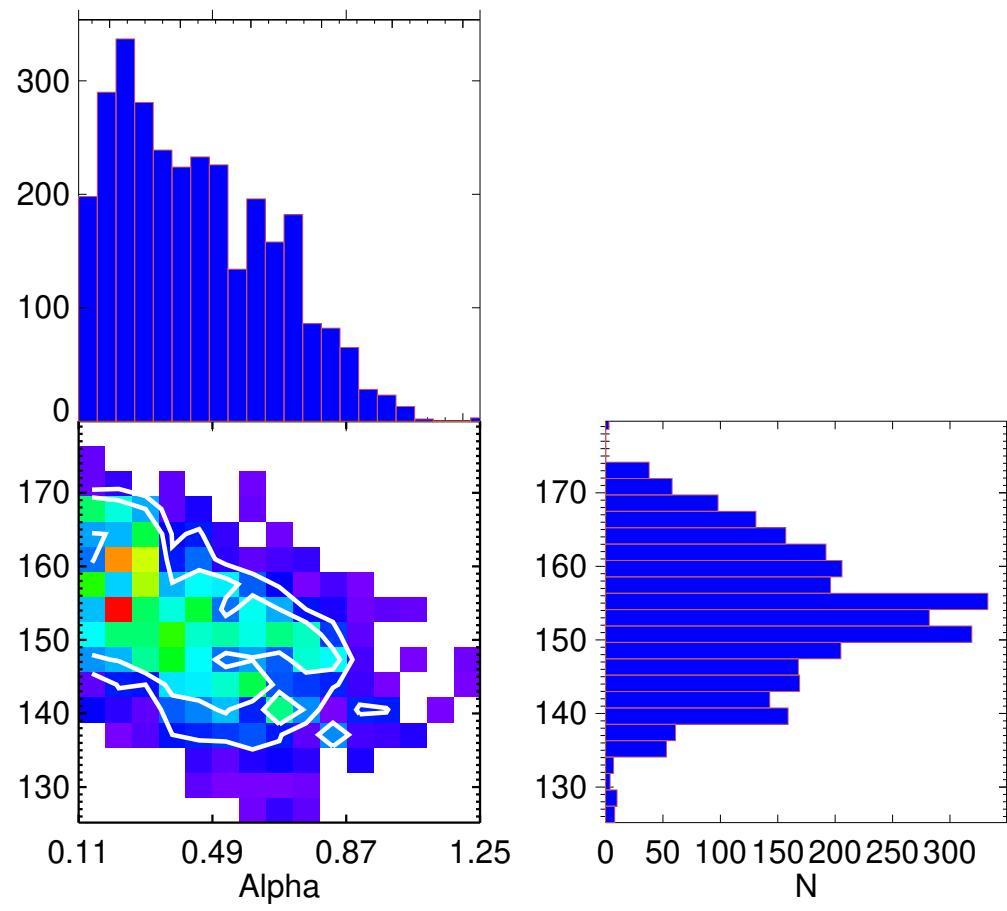


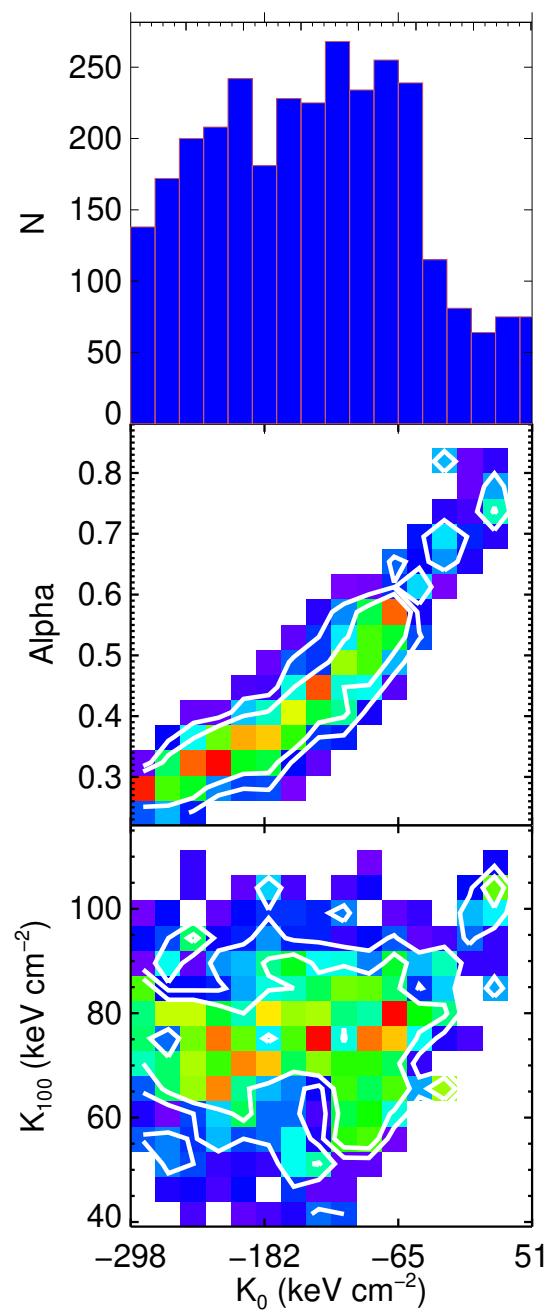






ABELL_S0463
 Median K_0 (keV cm $^{-2}$) = $-6.3+/- 80.7$
 Median K_{100} (keV cm $^{-2}$) = $153.6+/- 9.2$
 Median Alpha = $0.41+/- 0.22$



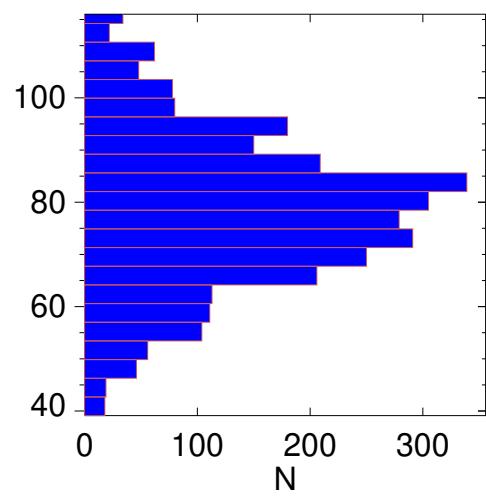
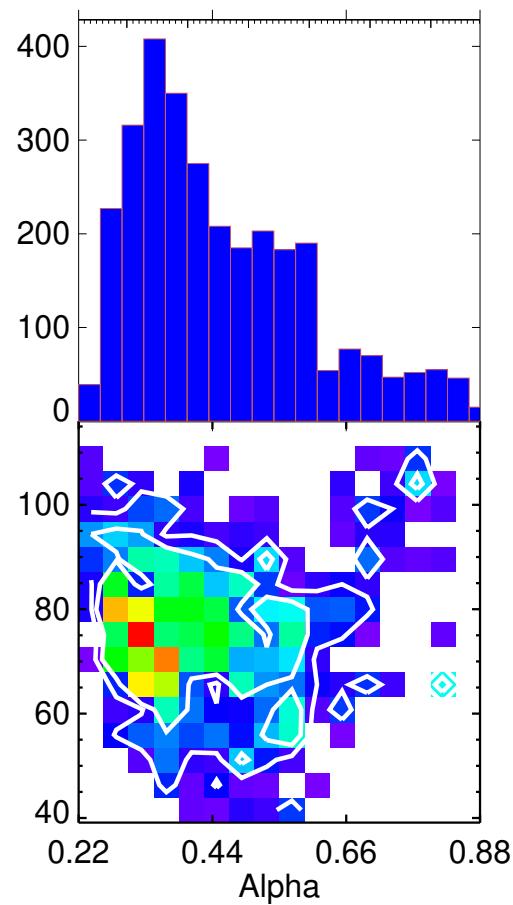


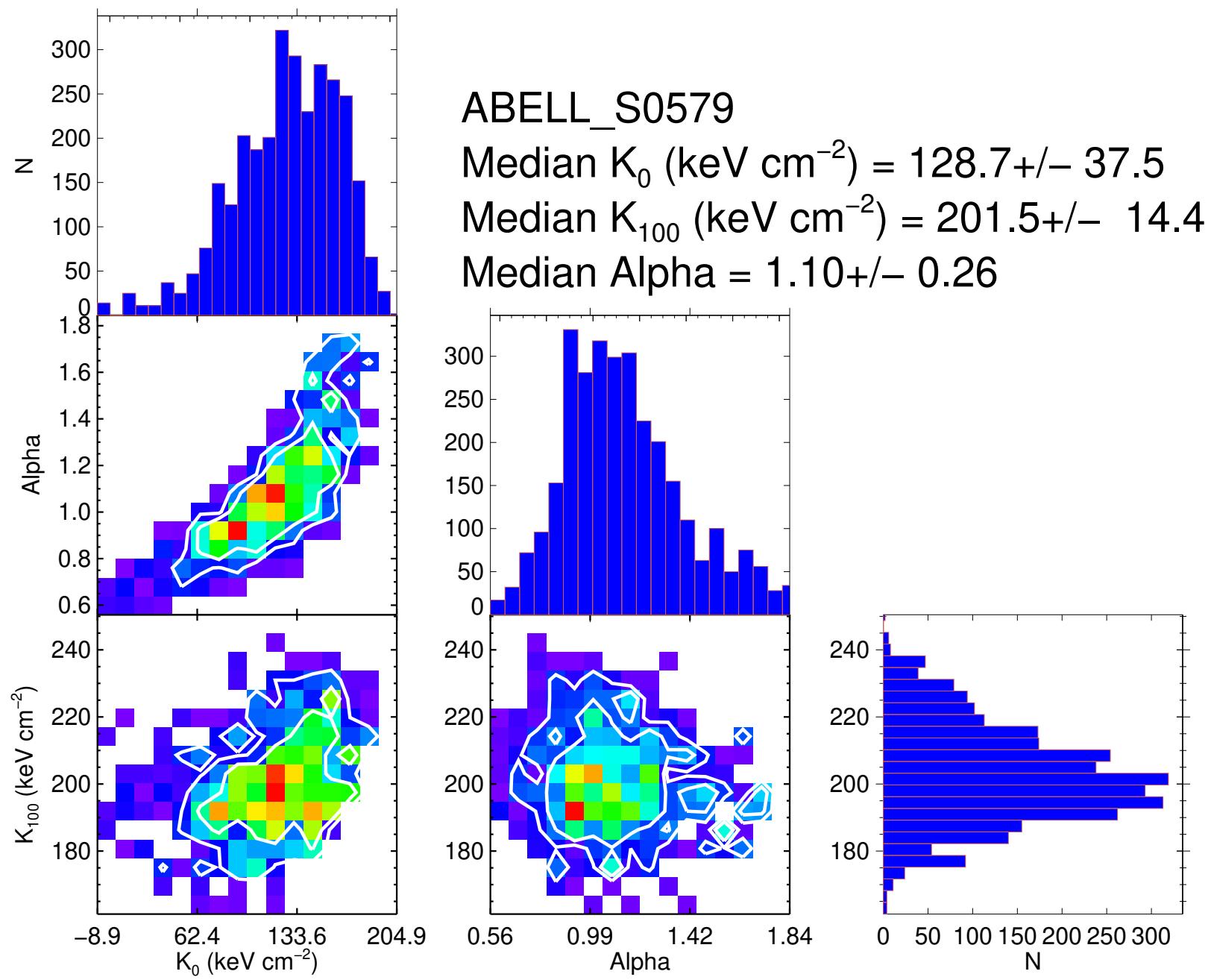
ABELL_S0520

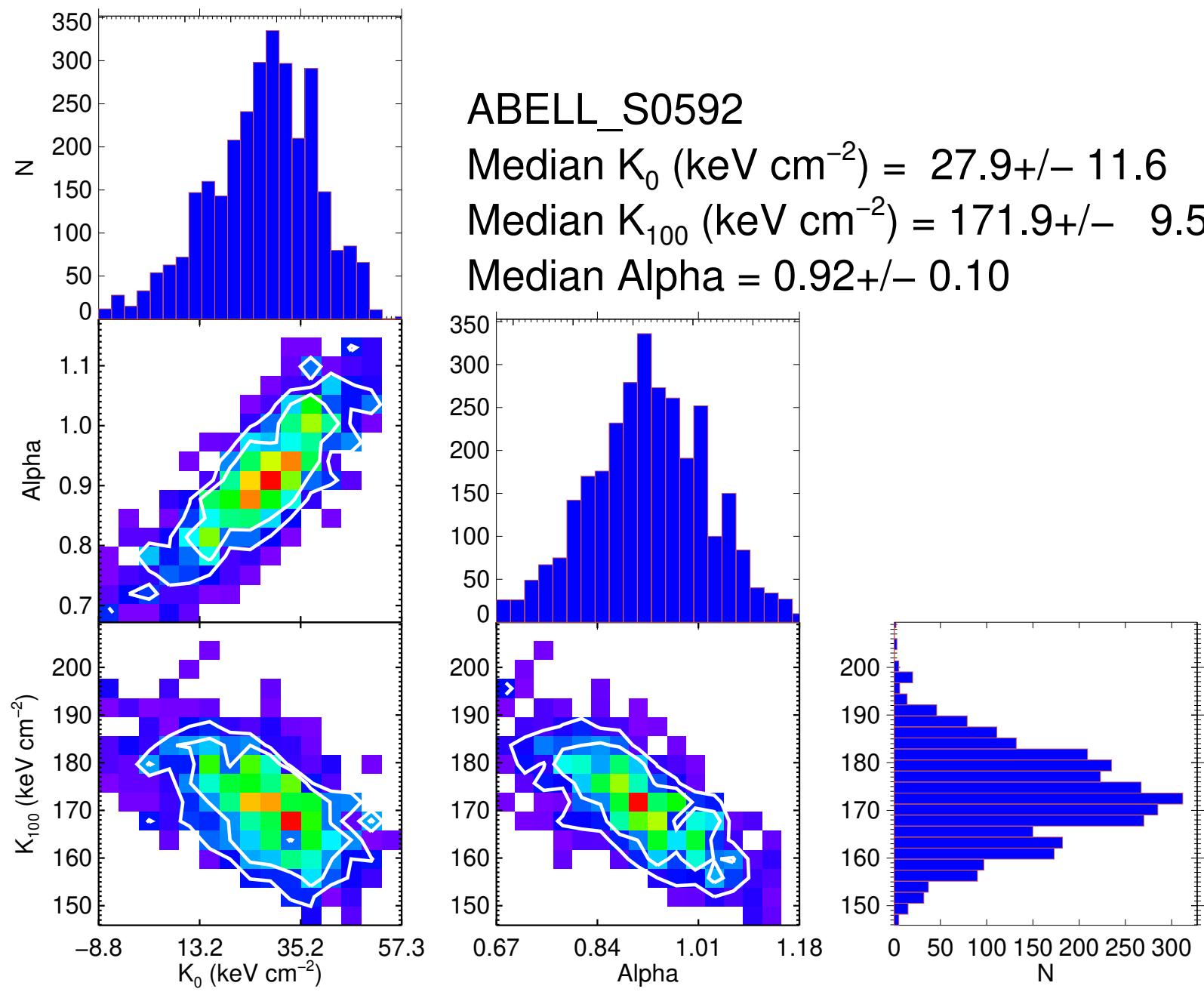
Median K_0 (keV cm $^{-2}$) = -139.1 ± 87.2

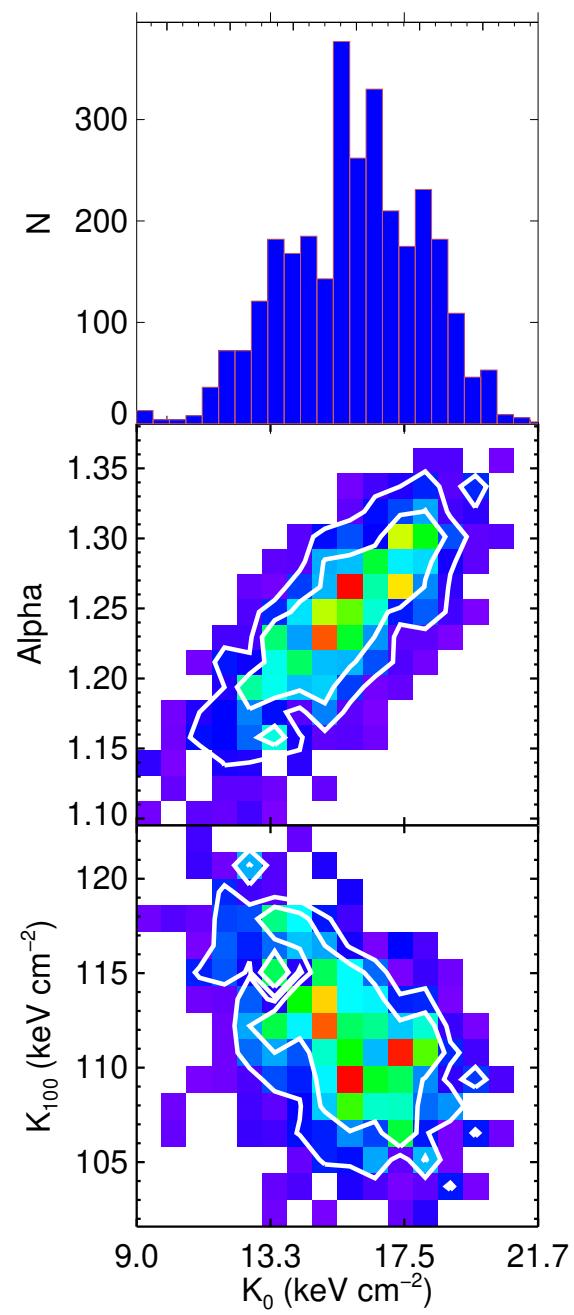
Median K_{100} (keV cm $^{-2}$) = 78.5 ± 14.7

Median Alpha = 0.42 ± 0.15







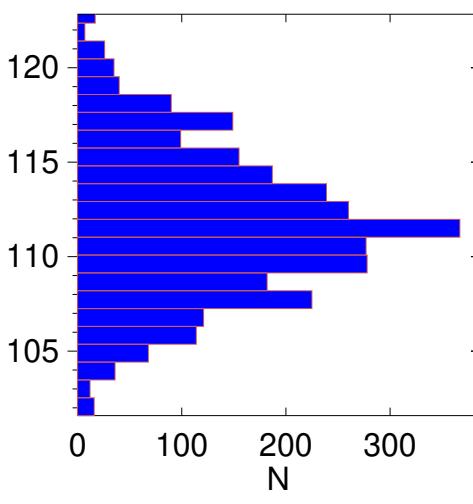
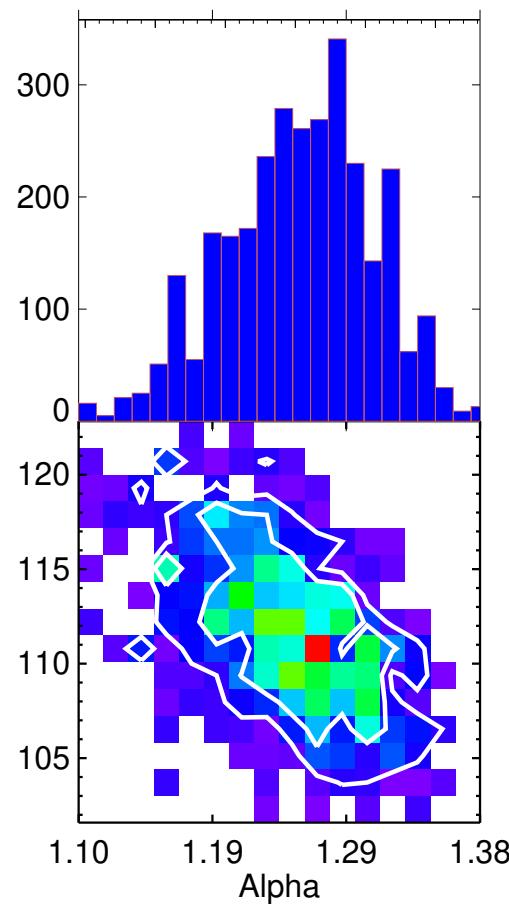


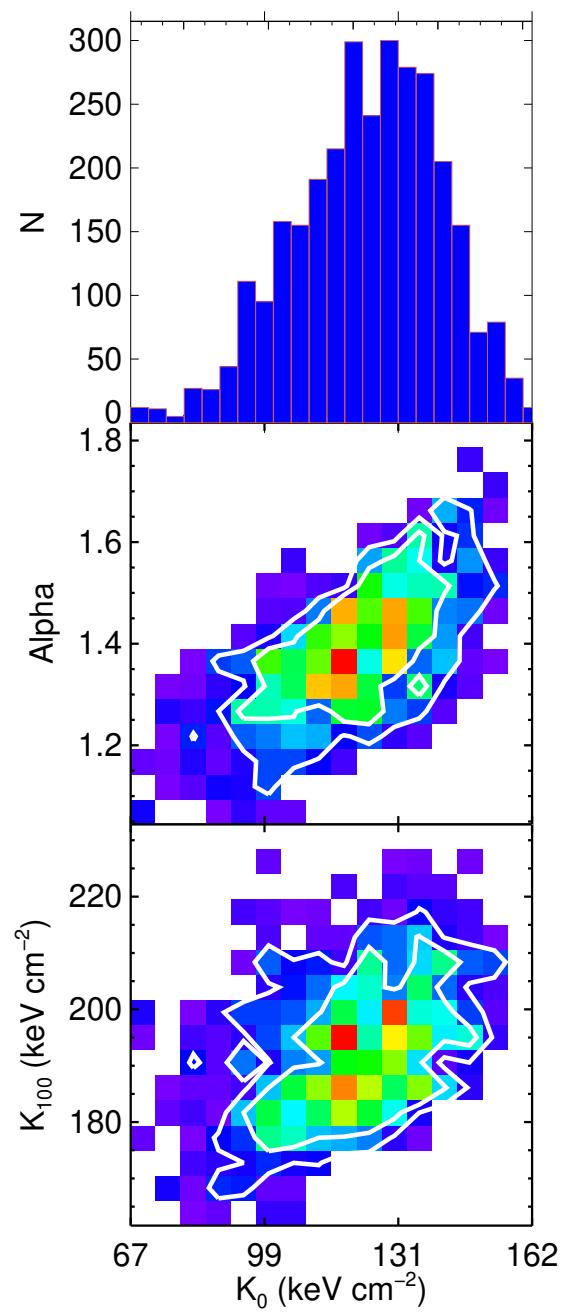
ABELL_S0780

Median K_0 (keV cm $^{-2}$) = 16.0+/- 2.1

Median K_{100} (keV cm $^{-2}$) = 111.4+/- 3.9

Median Alpha = 1.26+/- 0.05



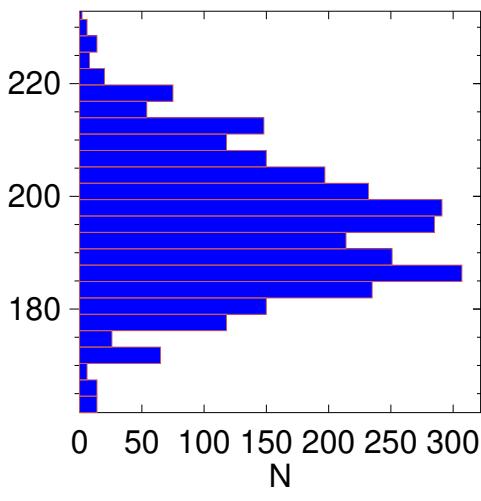
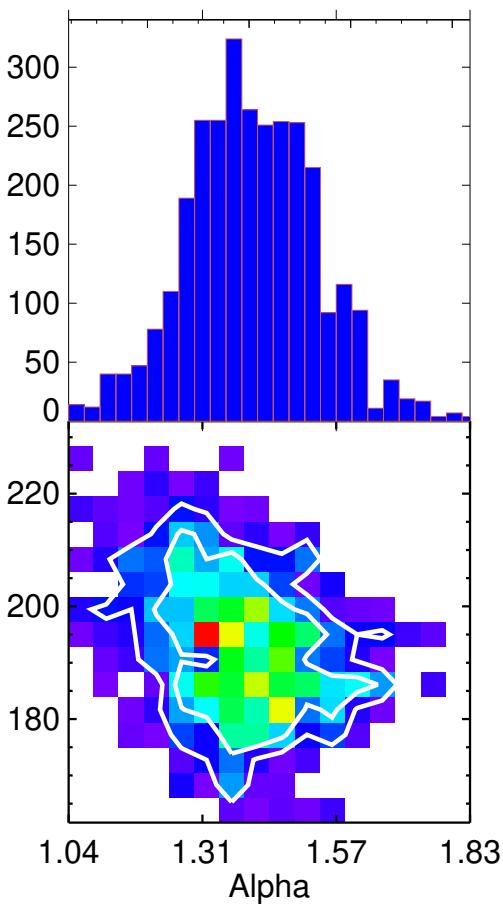


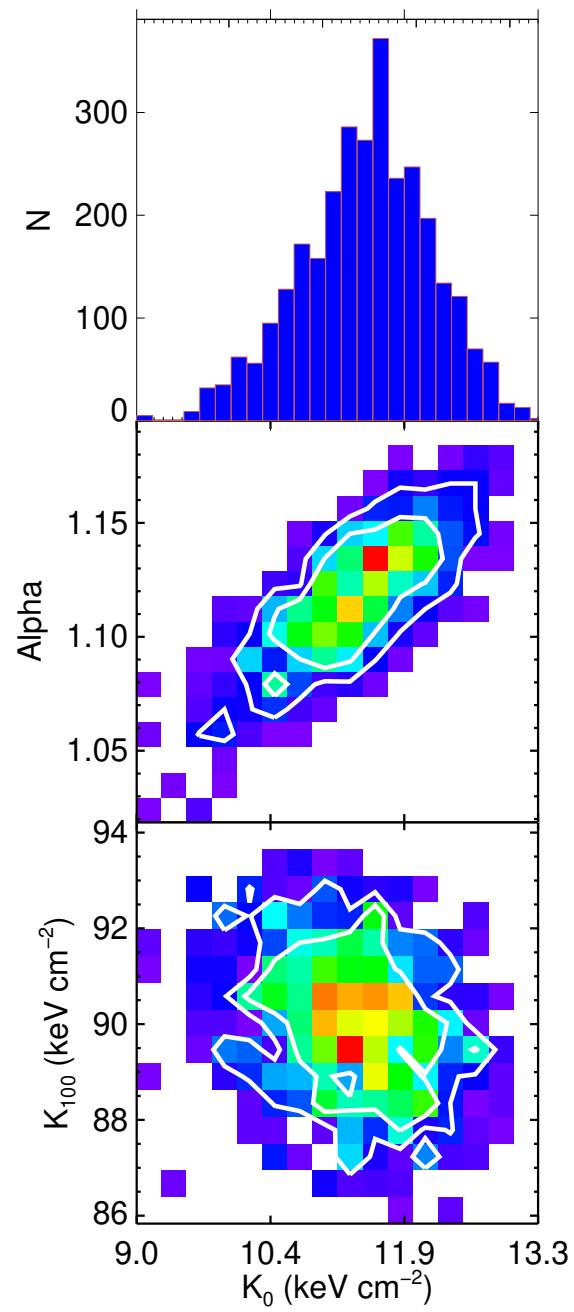
ABELL_S1063

Median K_0 (keV cm^{-2}) = $124.4+/- 17.3$

Median K_{100} (keV cm^{-2}) = $195.0+/- 12.0$

Median Alpha = $1.40+/- 0.13$



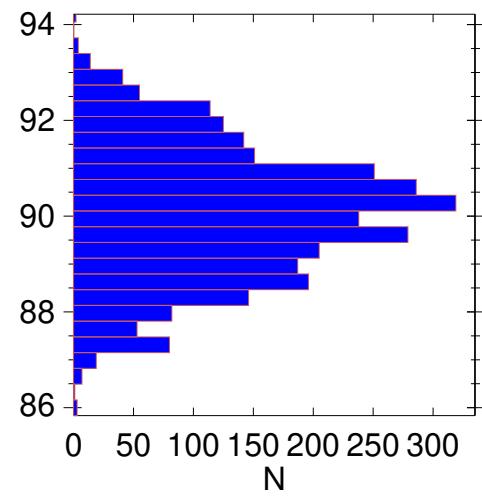
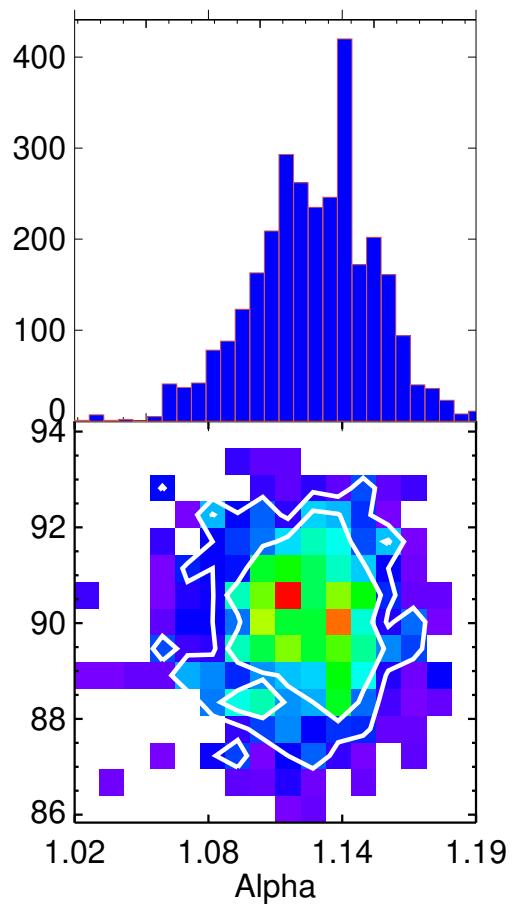


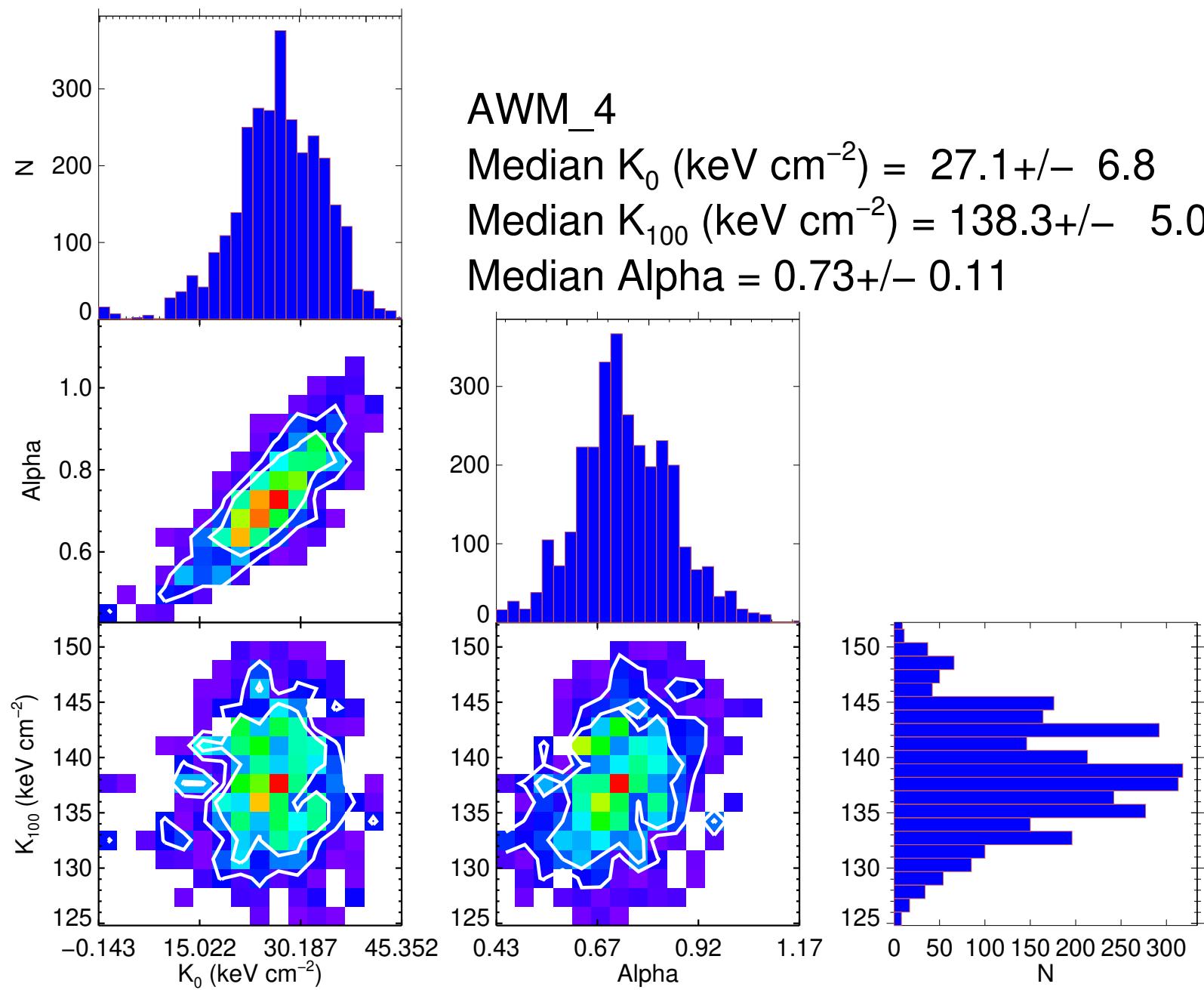
ABELL_S1101

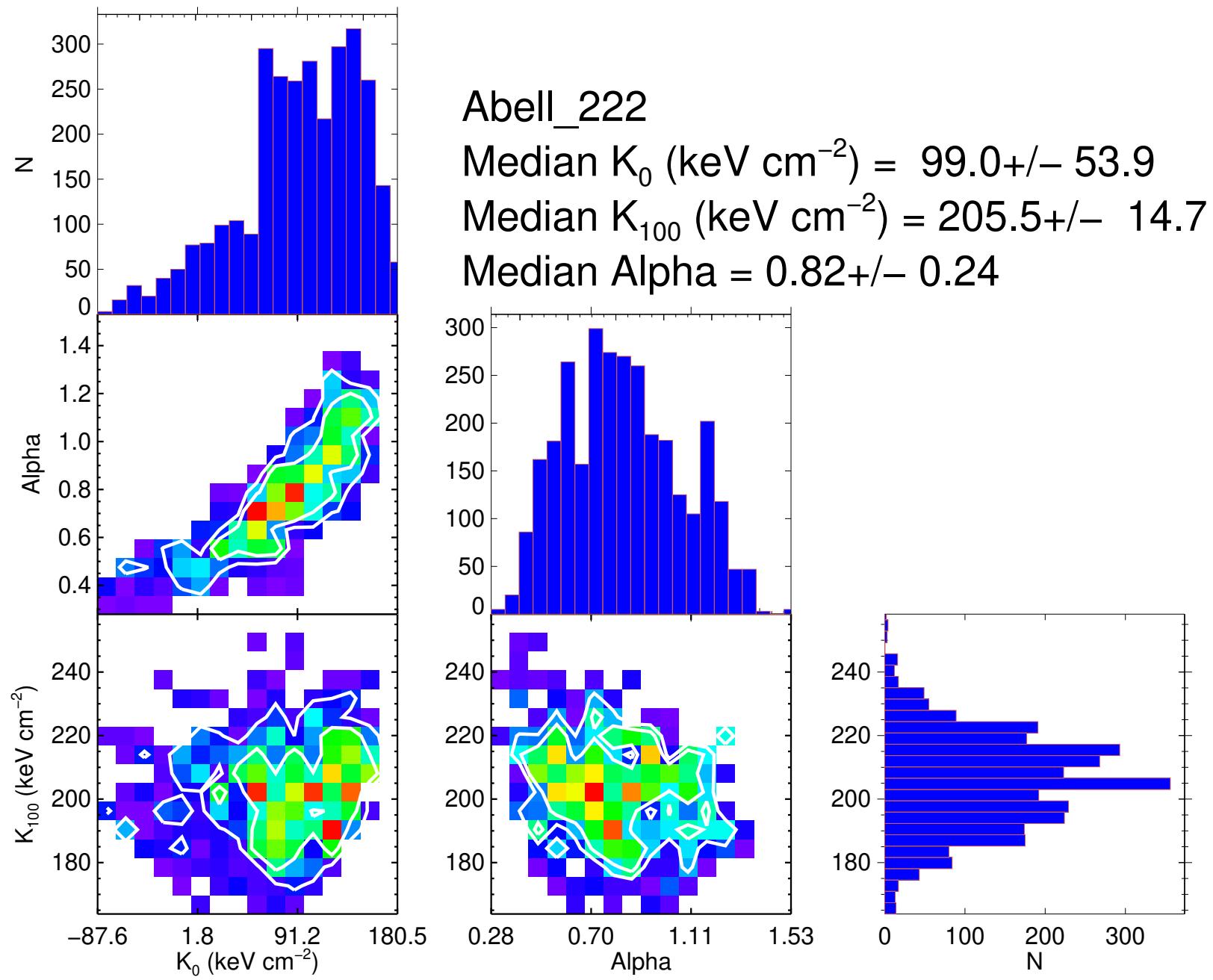
Median K_0 (keV cm $^{-2}$) = 11.5+/- 0.7

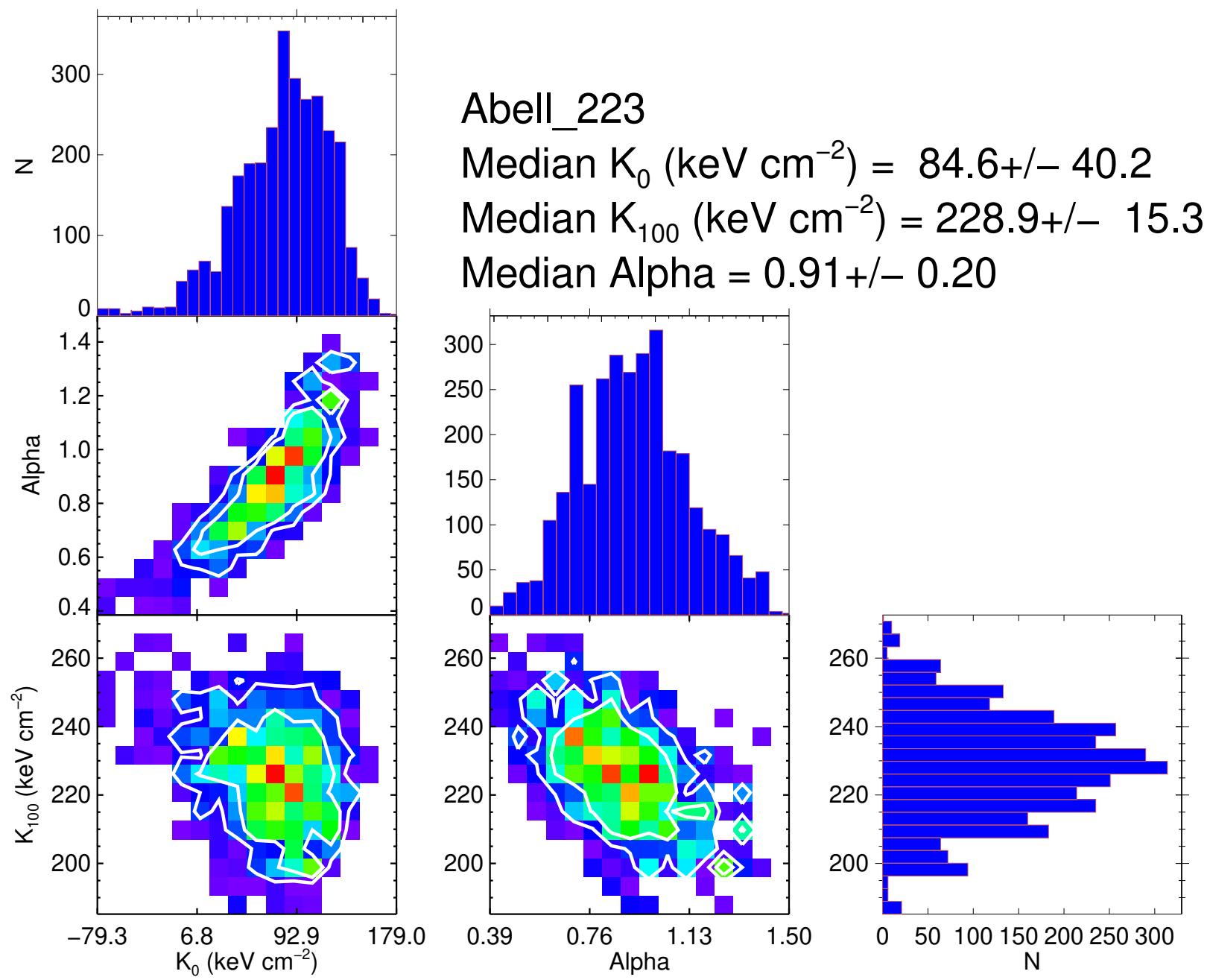
Median K_{100} (keV cm $^{-2}$) = 90.1+/- 1.4

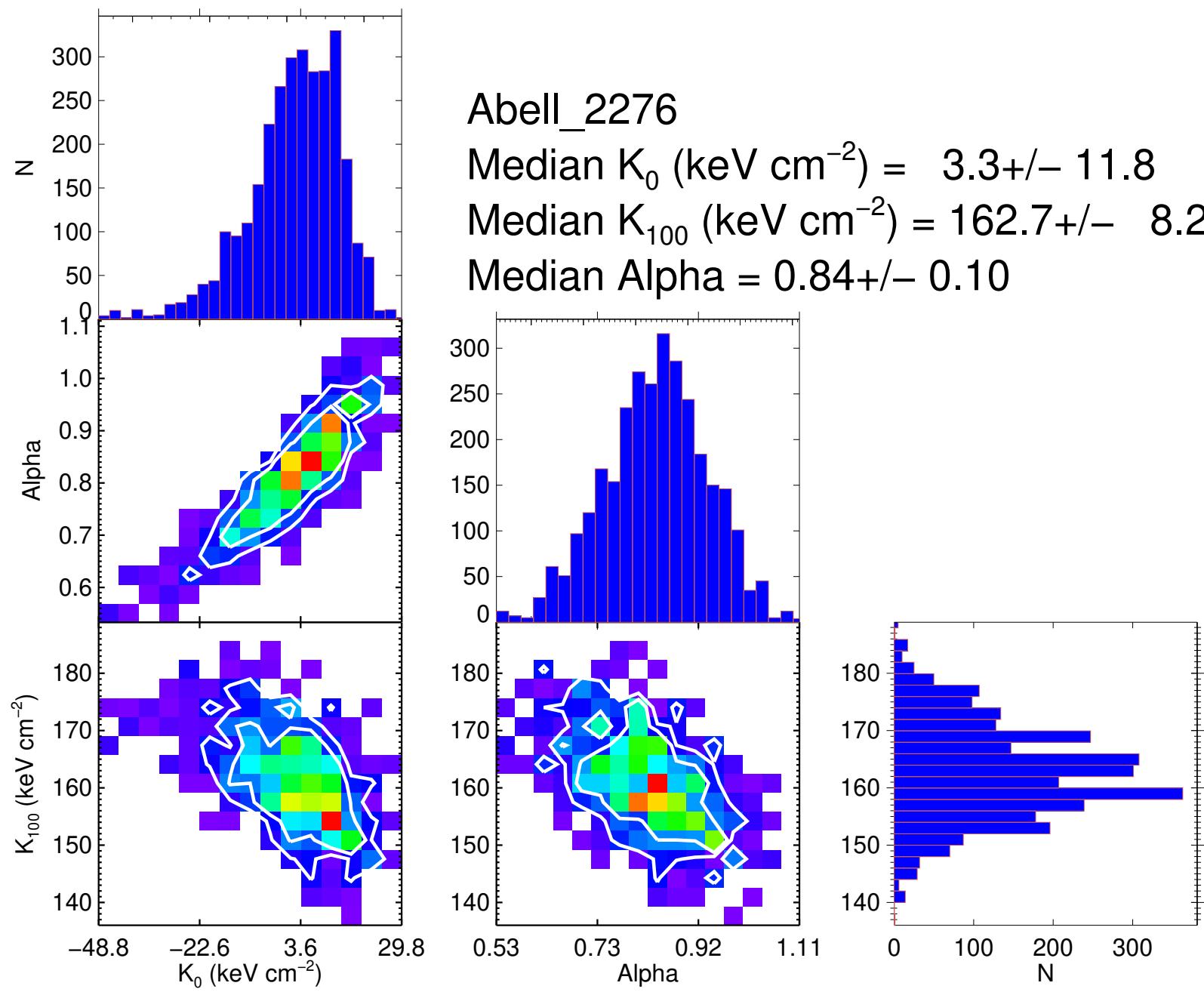
Median Alpha = 1.12+/- 0.03

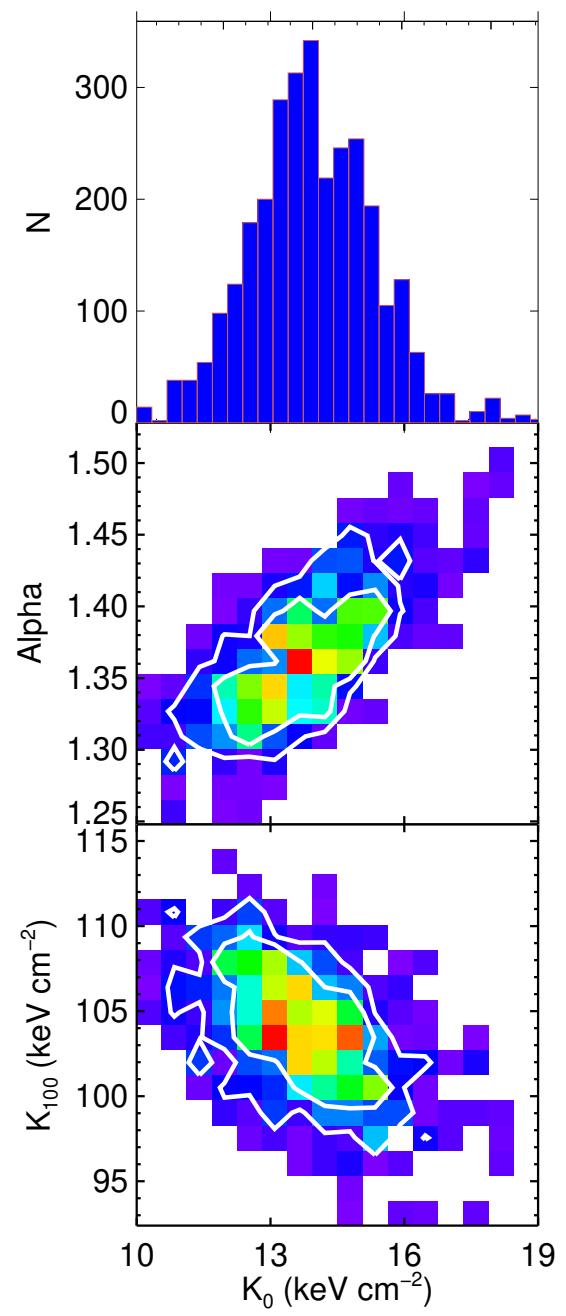




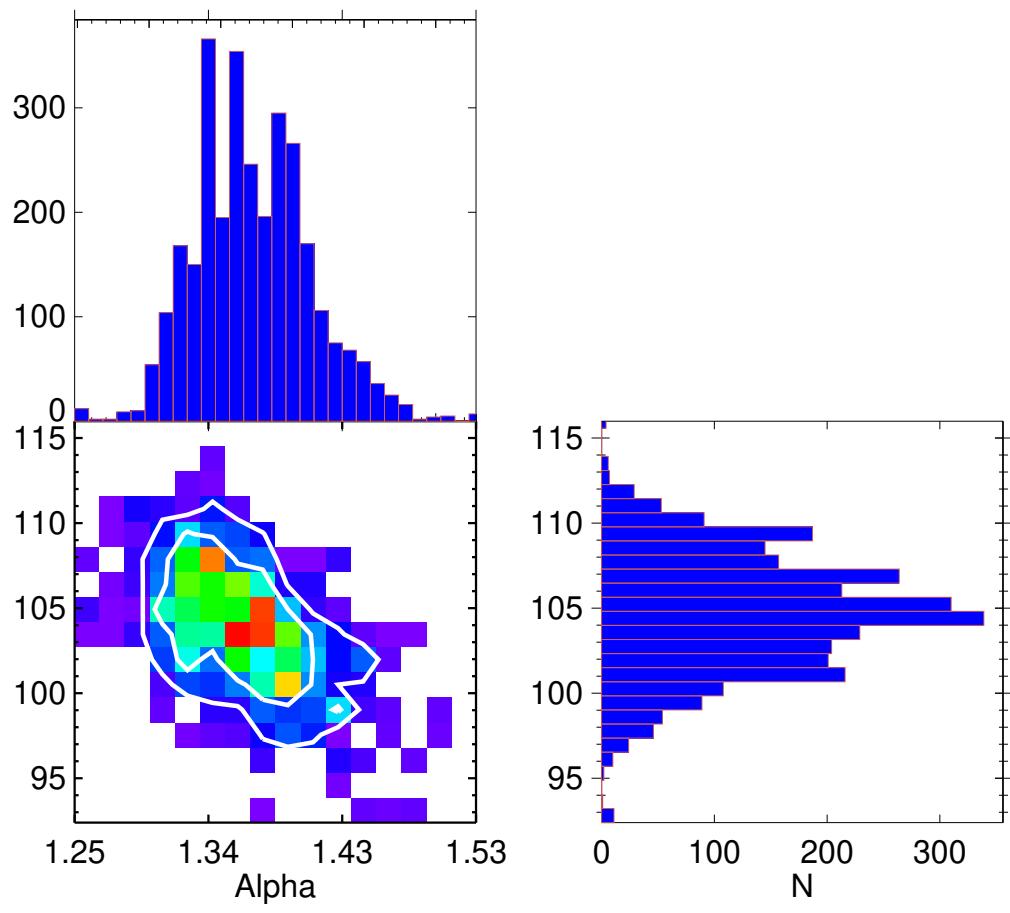


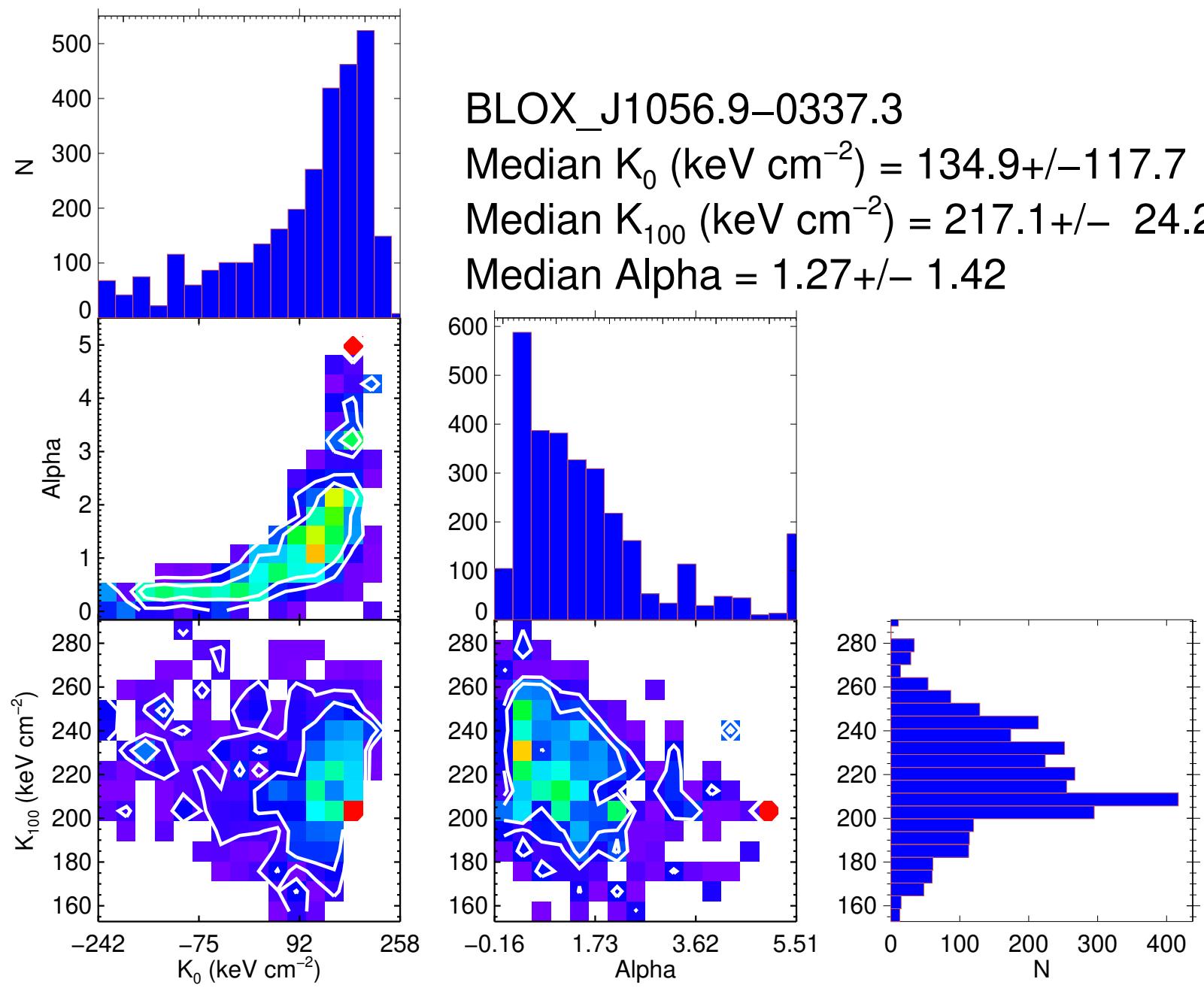


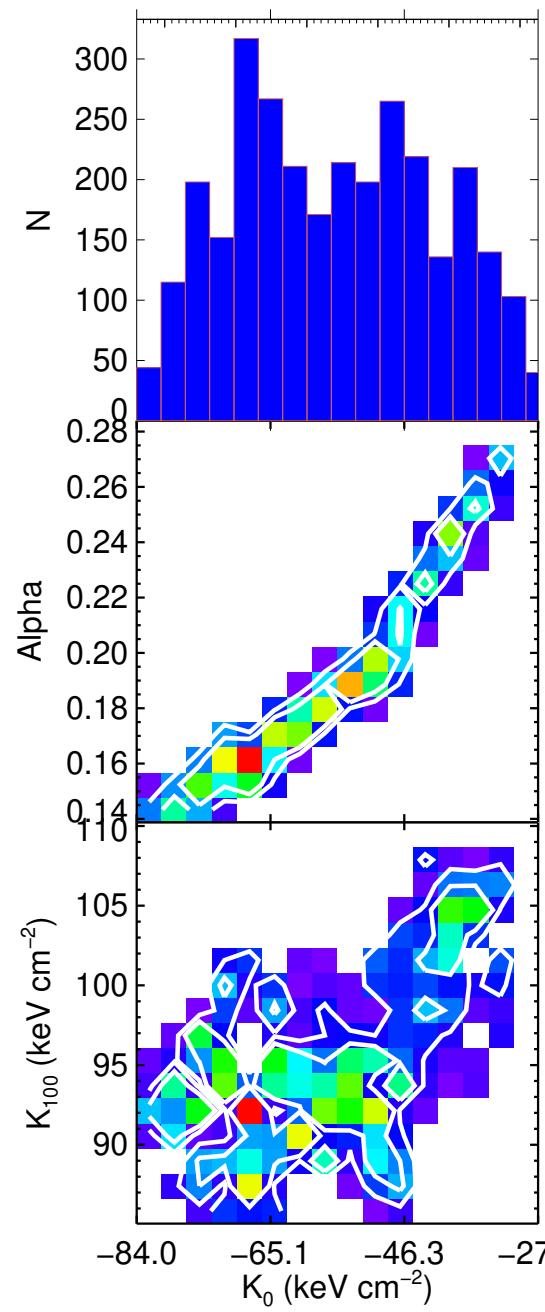




BLOX_J1023.6+0411.1
 Median K_0 (keV cm $^{-2}$) = 13.9 ± 1.4
 Median K_{100} (keV cm $^{-2}$) = 104.7 ± 3.4
 Median Alpha = 1.37 ± 0.04





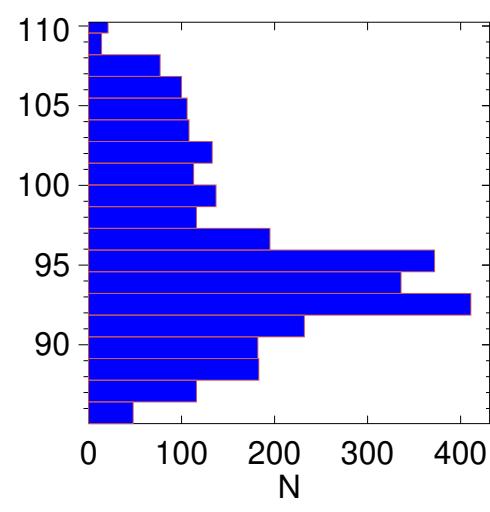
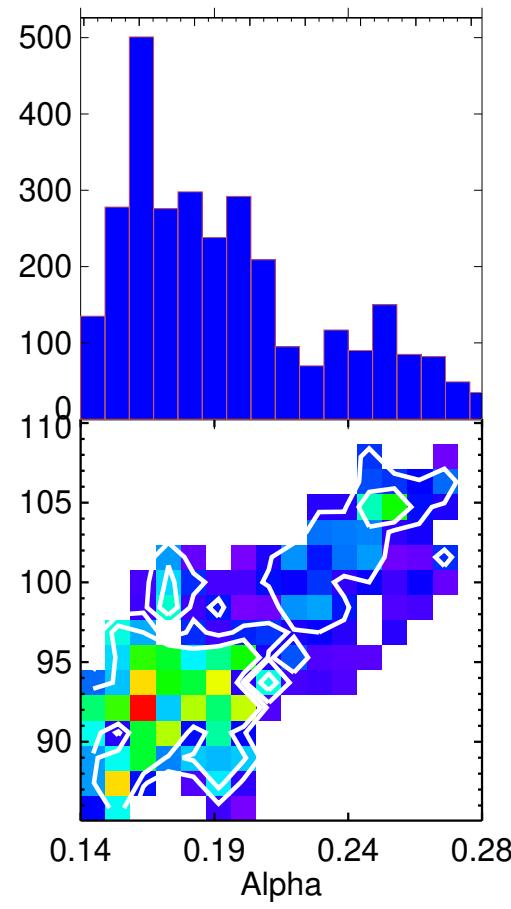


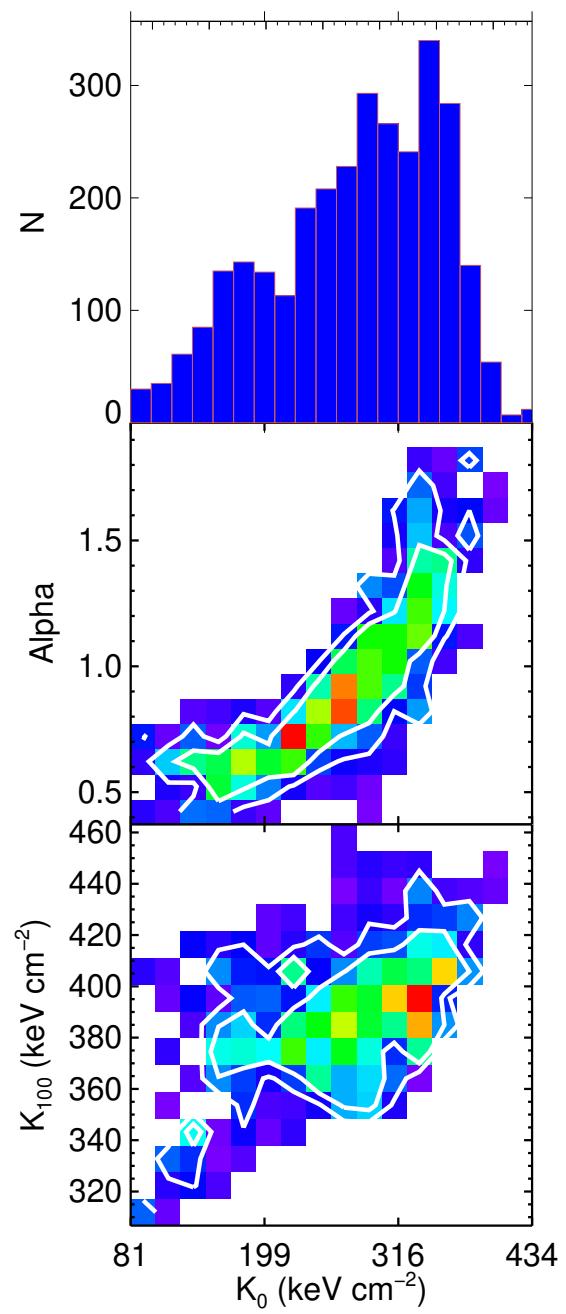
CGCG_514-050

Median K_0 (keV cm $^{-2}$) = -55.3 ± 14.1

Median K_{100} (keV cm $^{-2}$) = 94.5 ± 5.6

Median Alpha = 0.18 ± 0.04



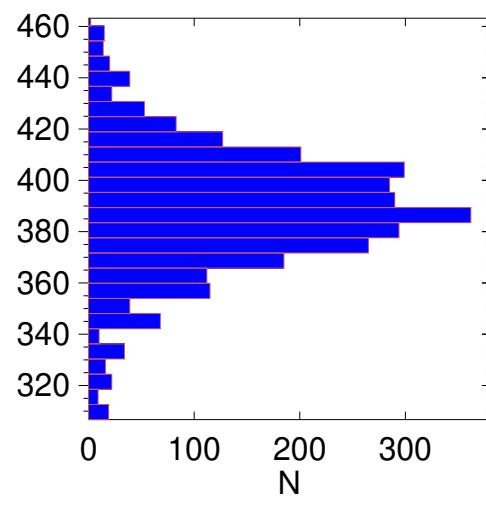
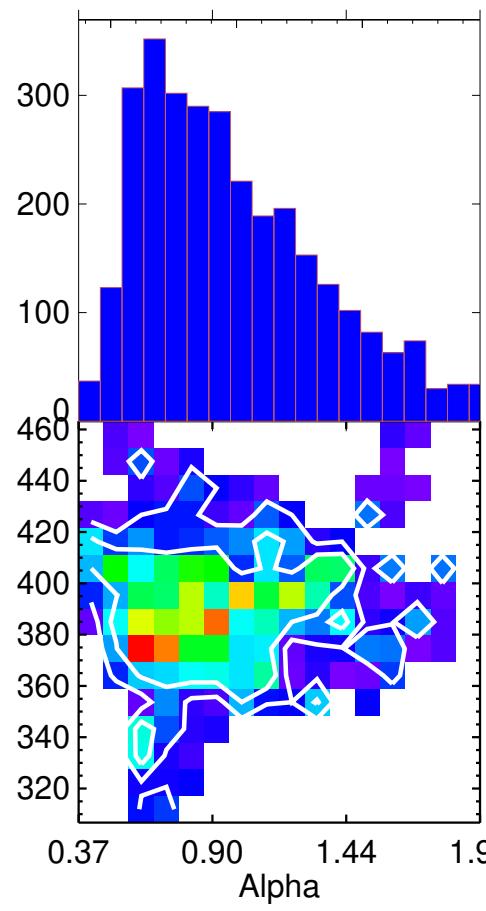


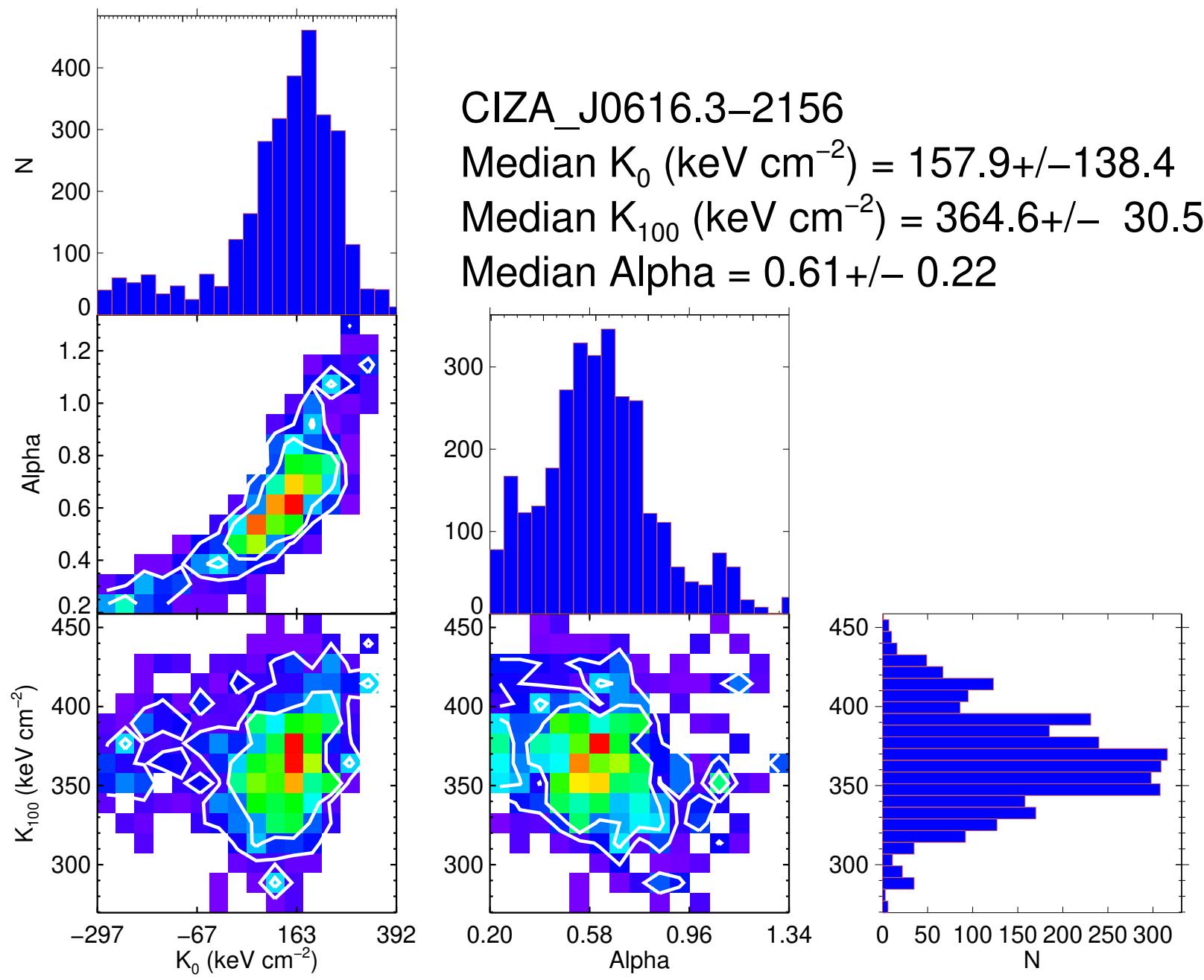
CIZA_J0107.7+5408

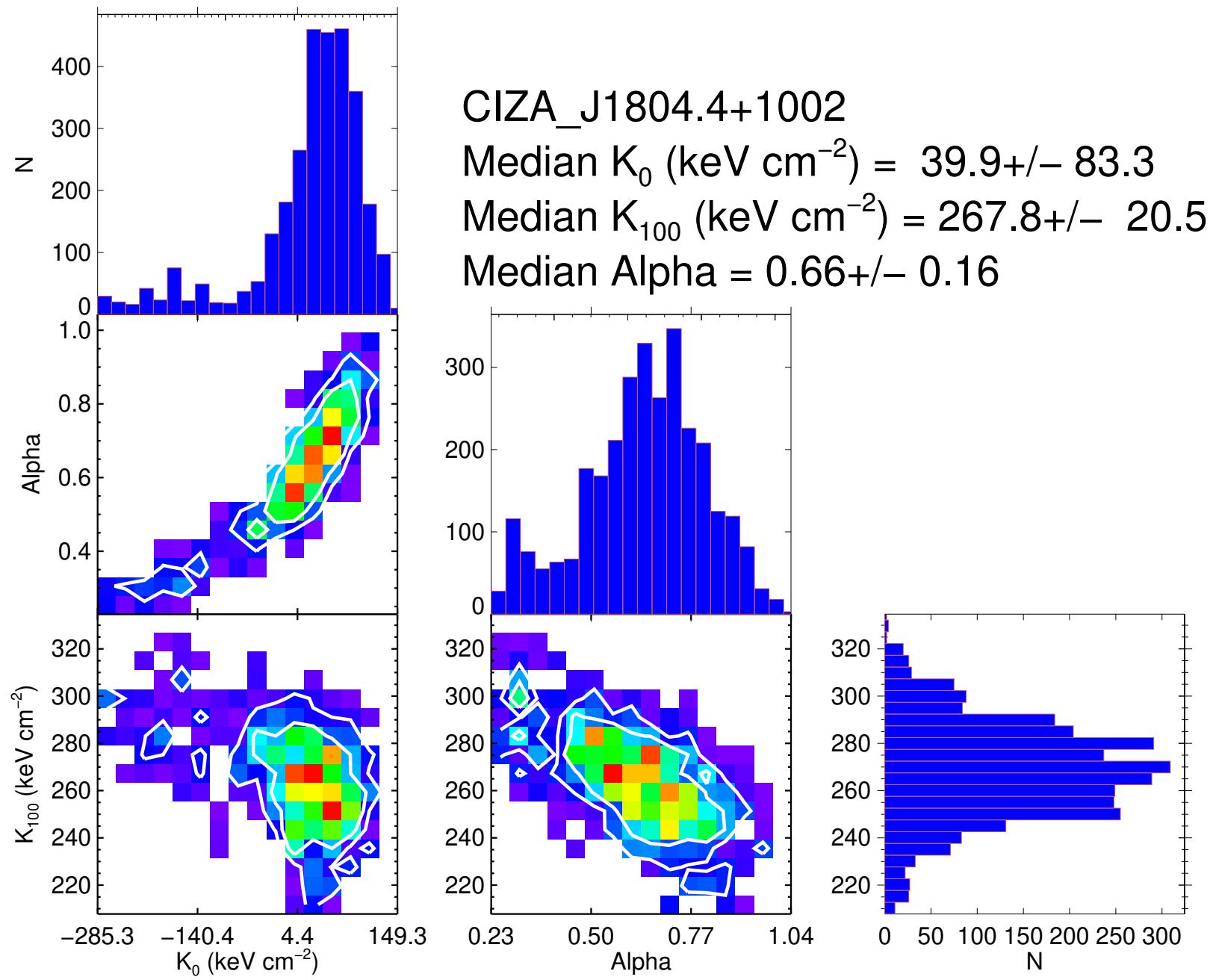
Median K_0 (keV cm^{-2}) = 289.6 ± 74.7

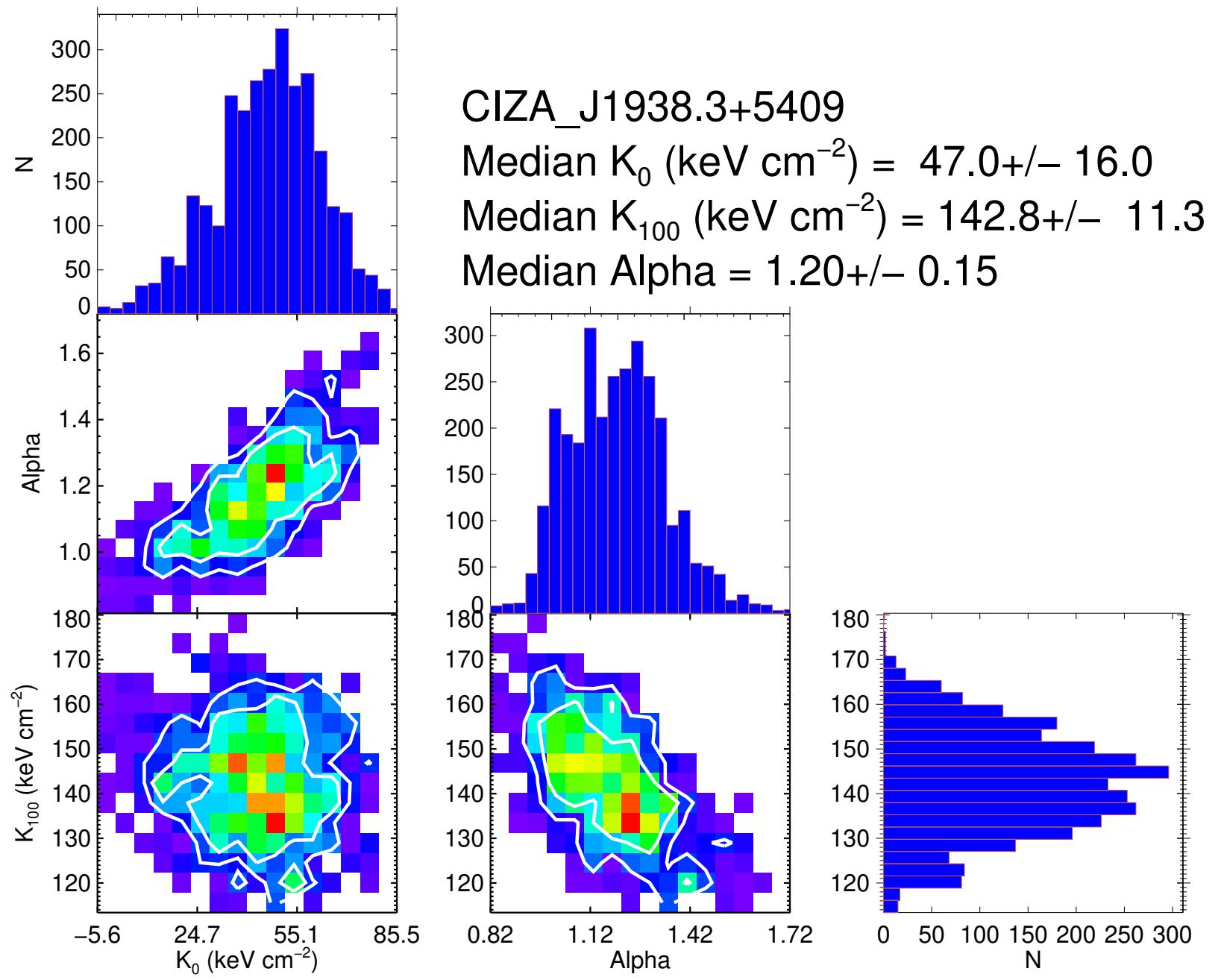
Median K_{100} (keV cm^{-2}) = 388.6 ± 24.3

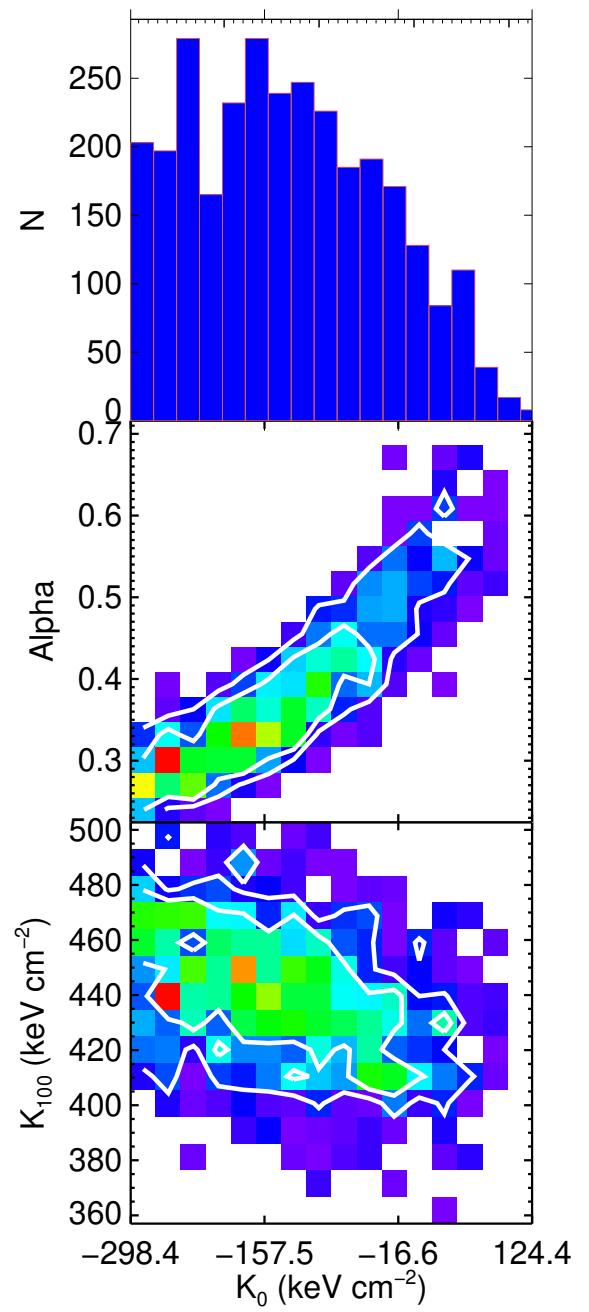
Median Alpha = 0.92 ± 0.36









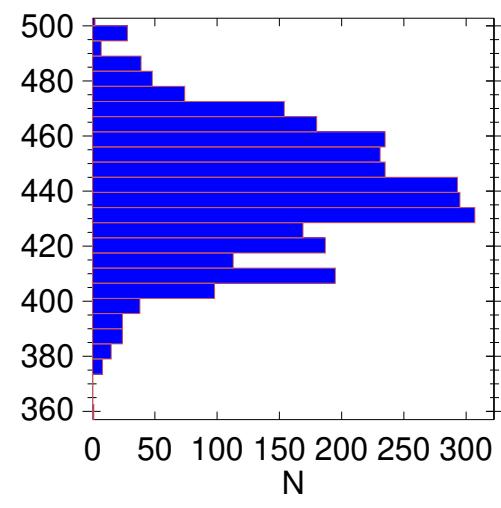
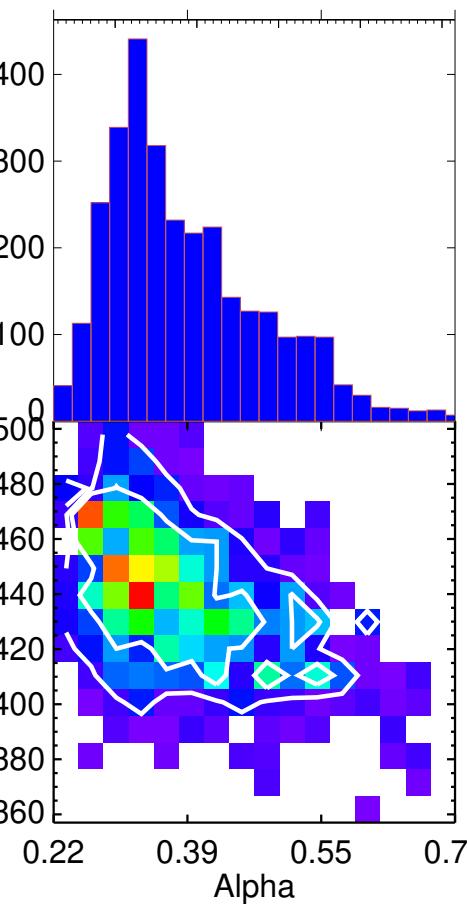


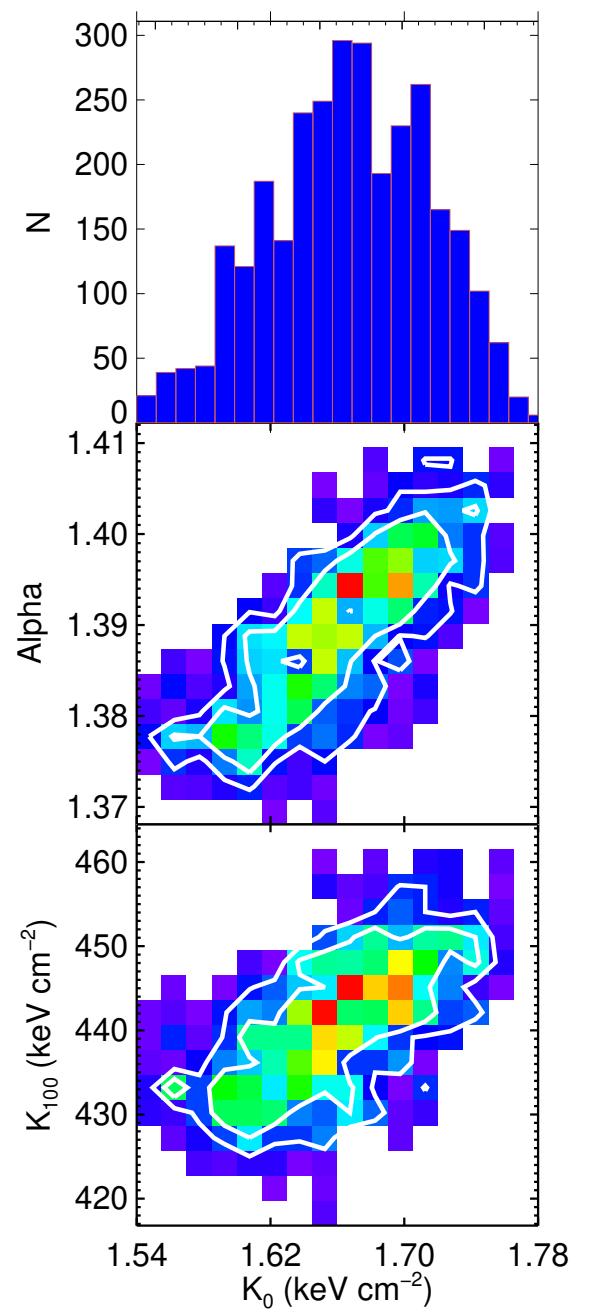
CIZA_J2242.8+5301

Median K_0 (keV cm $^{-2}$) = -139.3 ± 99.5

Median K_{100} (keV cm $^{-2}$) = 440.1 ± 22.7

Median Alpha = 0.36 ± 0.09



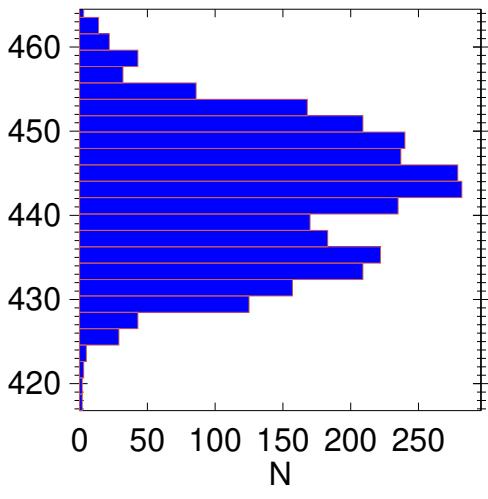
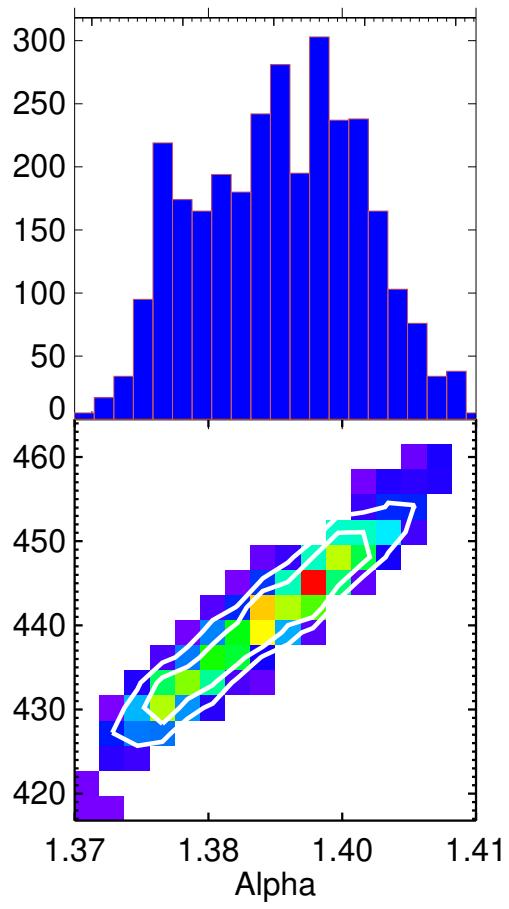


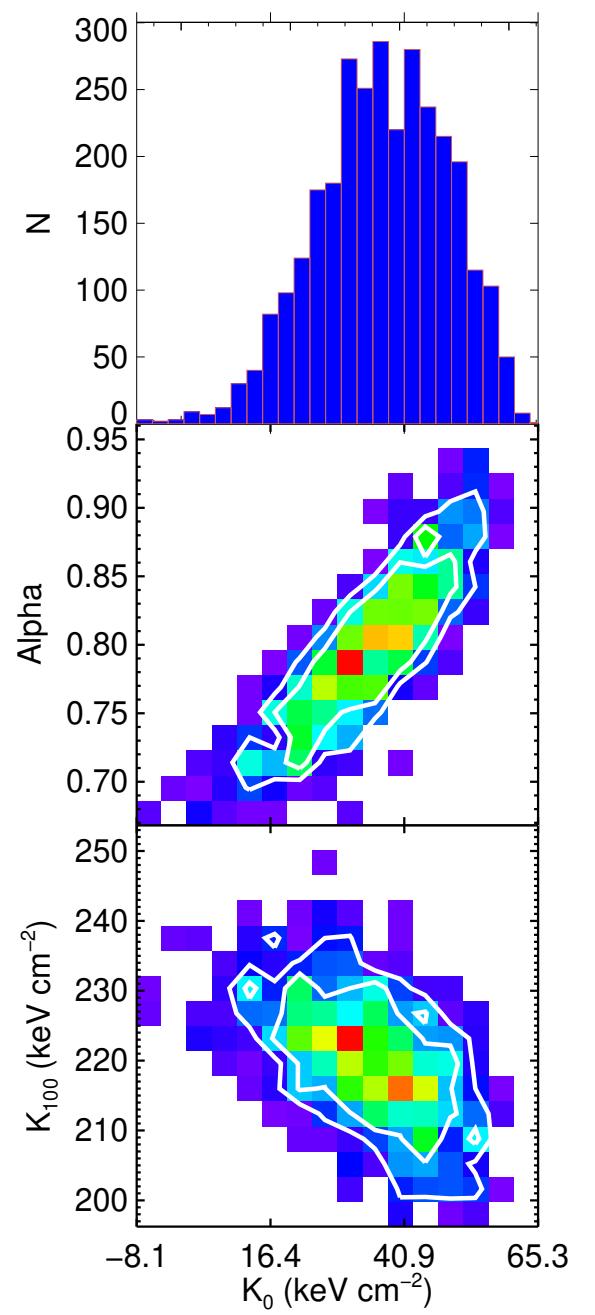
Centaurus_Cluster

Median K_0 (keV cm $^{-2}$) = 1.7+/- 0.0

Median K_{100} (keV cm $^{-2}$) = 442.8+/- 8.0

Median Alpha = 1.39+/- 0.01



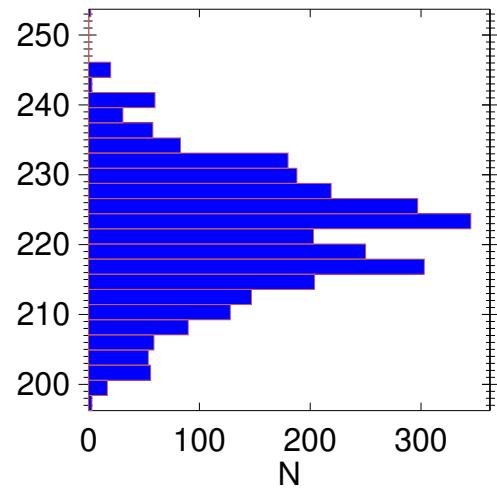
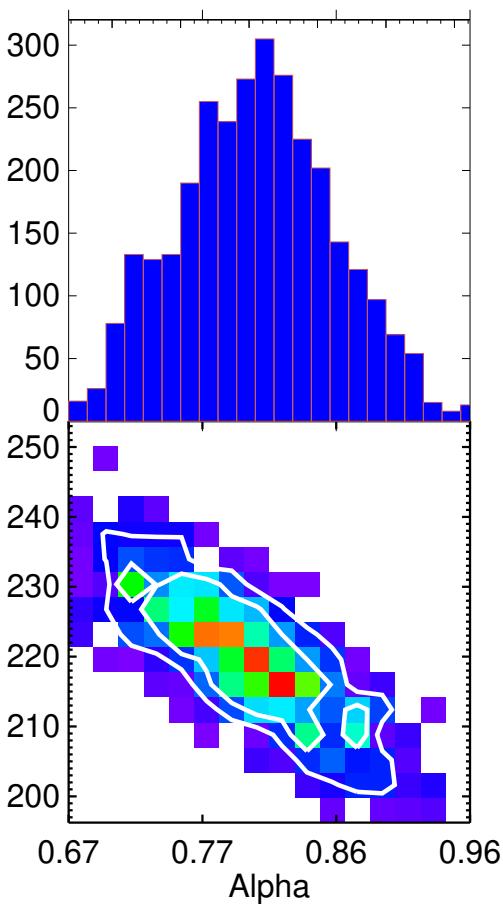


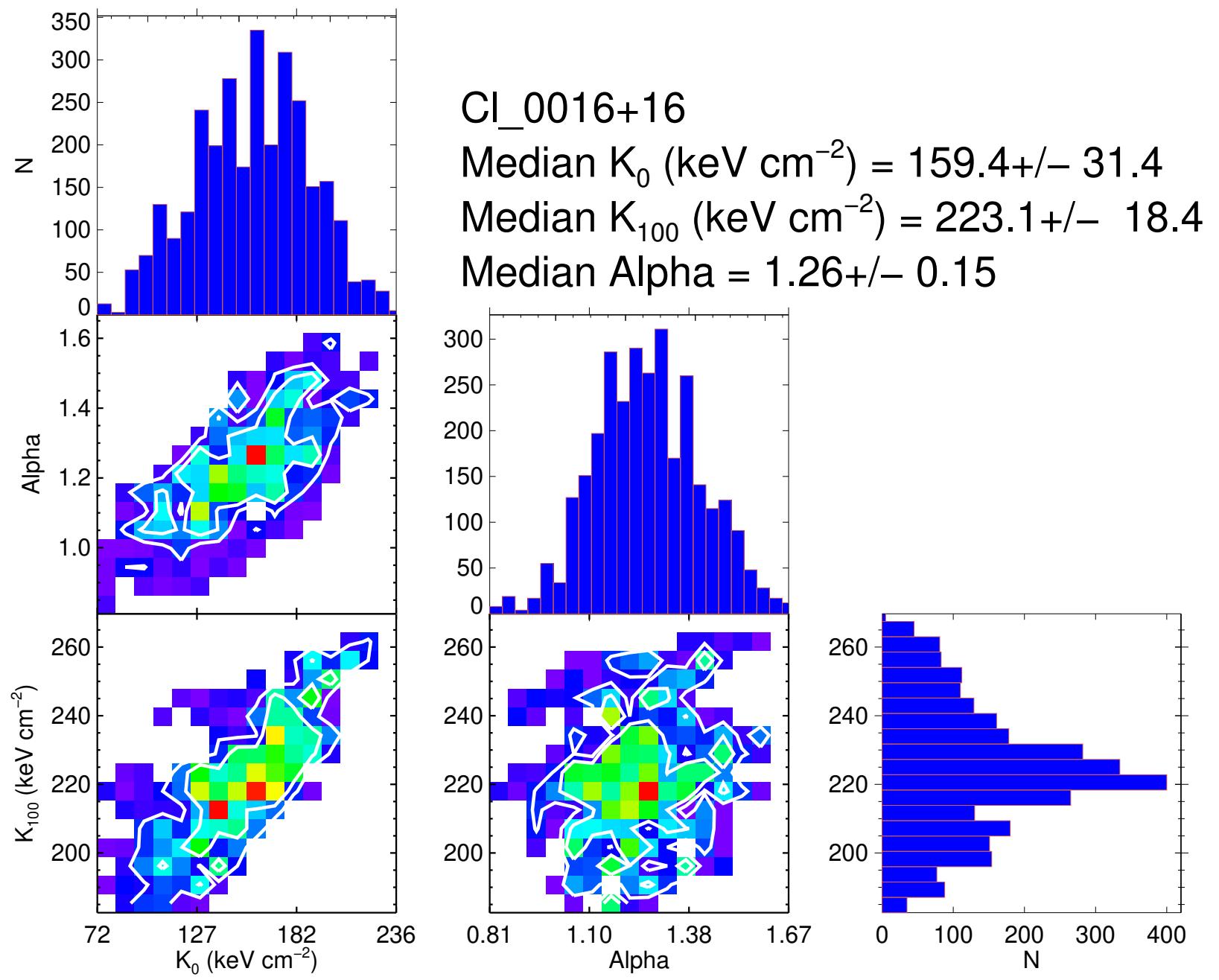
CIG_2153.8+3746

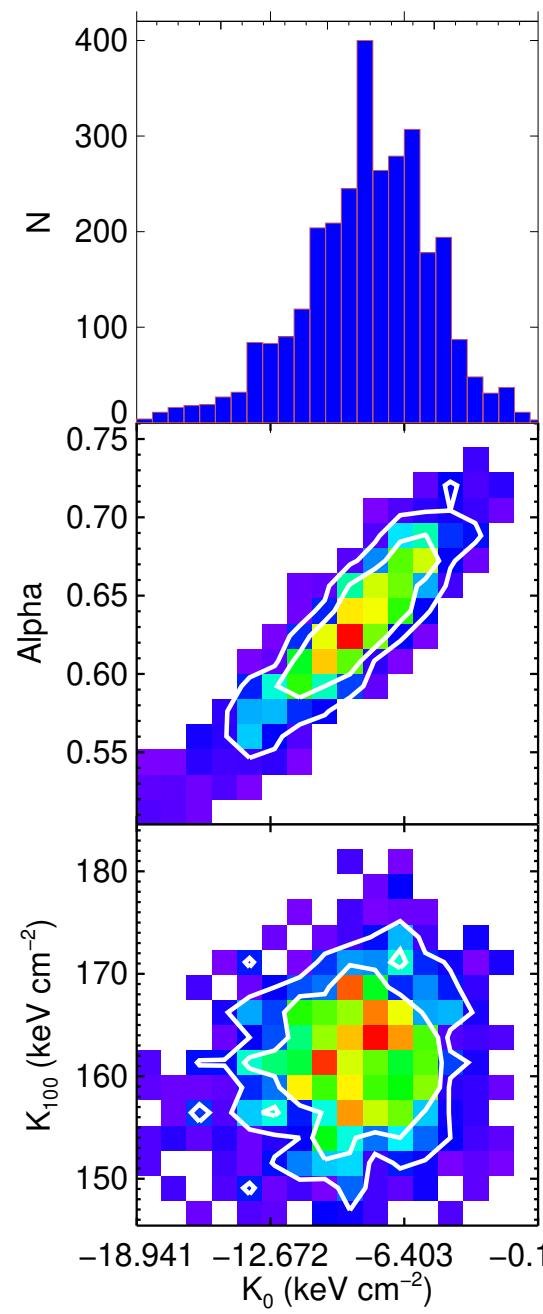
Median K_0 (keV cm $^{-2}$) = 37.3 ± 11.9

Median K_{100} (keV cm $^{-2}$) = 221.9 ± 8.9

Median Alpha = 0.81 ± 0.06





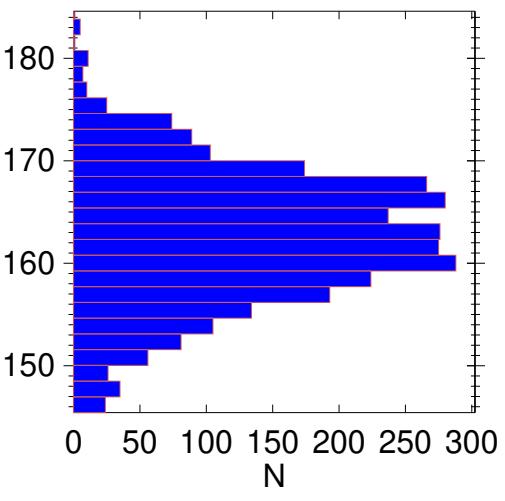
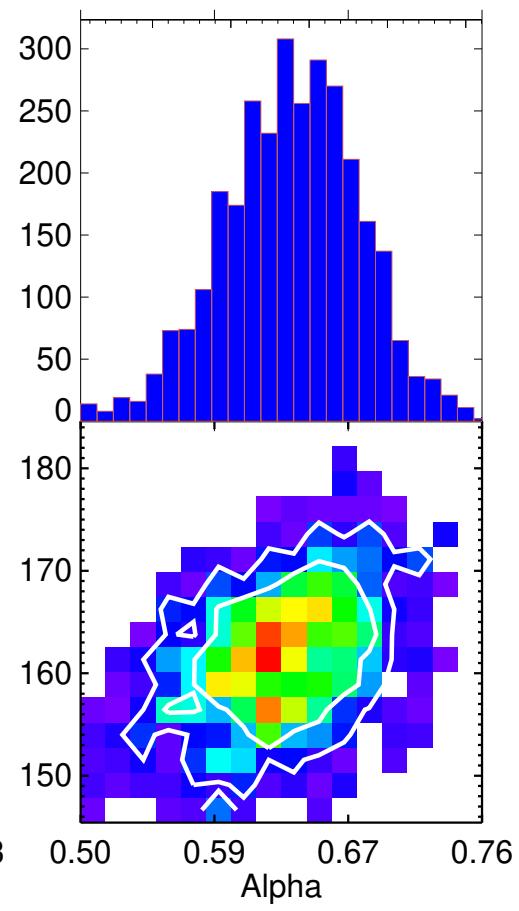


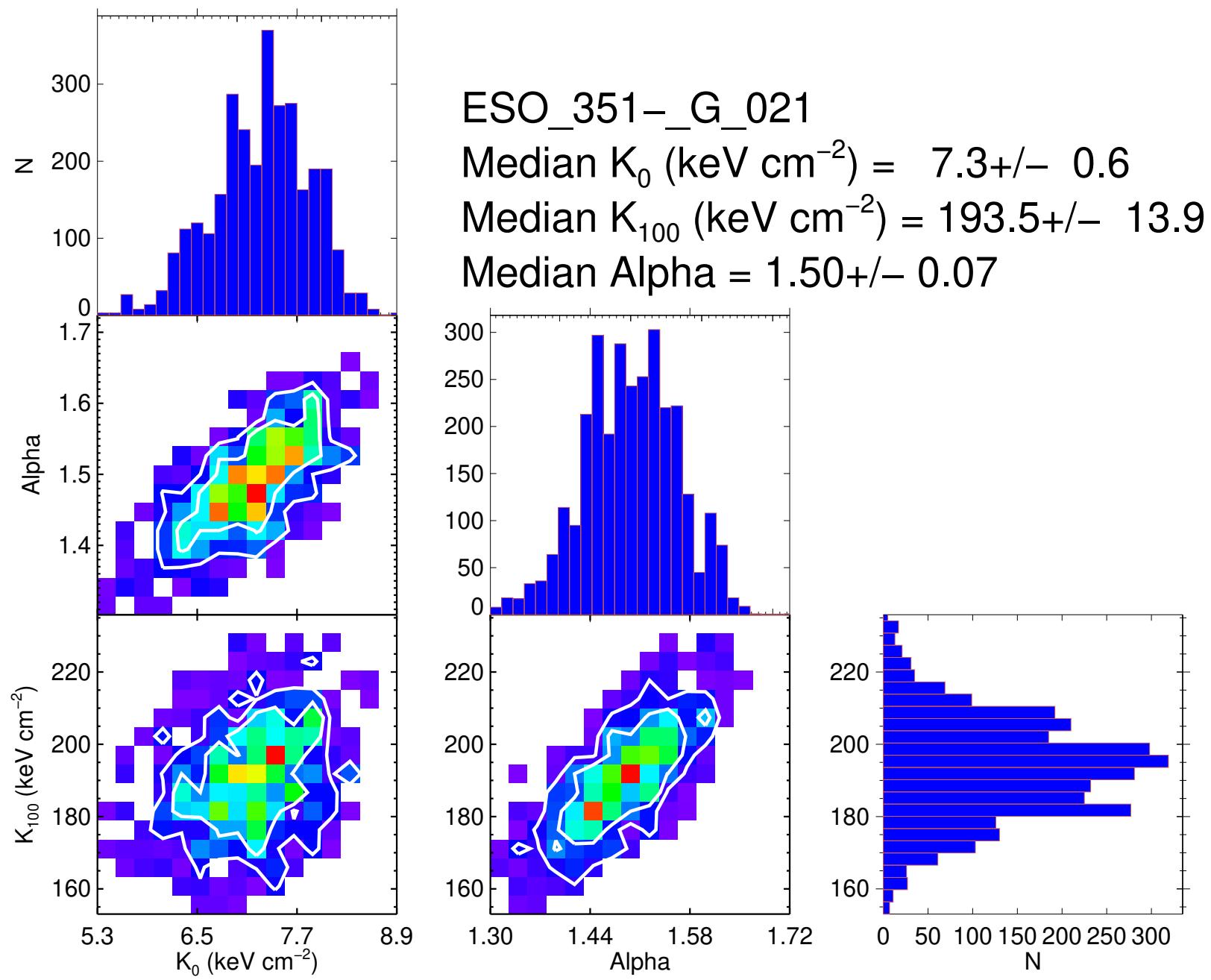
ESO3060170–A

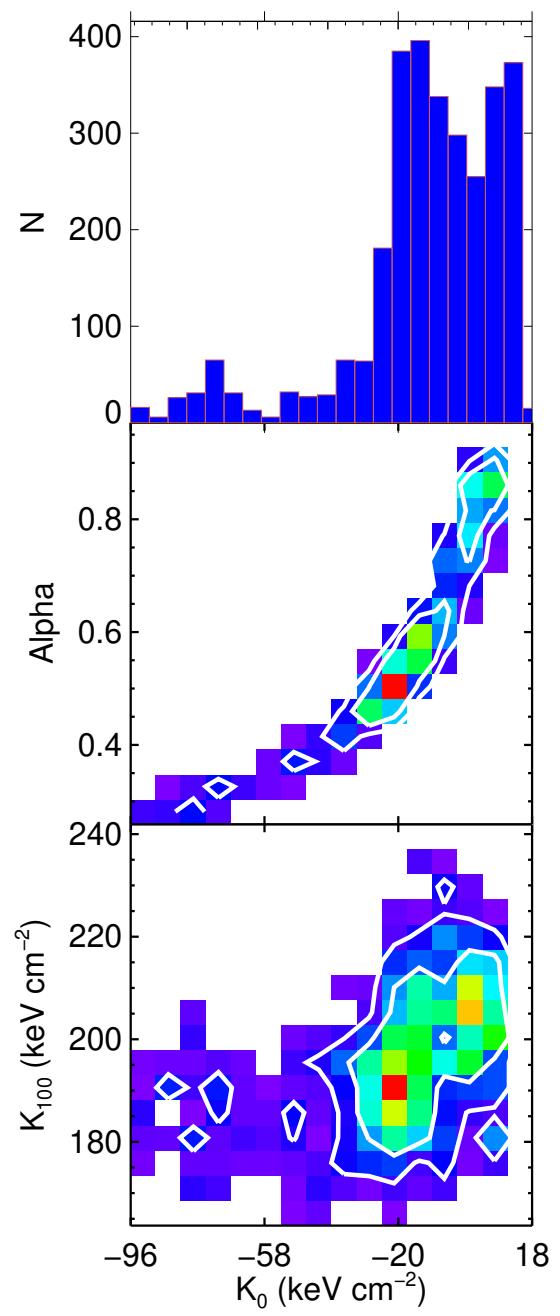
Median K_0 (keV cm $^{-2}$) = -8.0 ± 3.0

Median K_{100} (keV cm $^{-2}$) = 162.6 ± 6.3

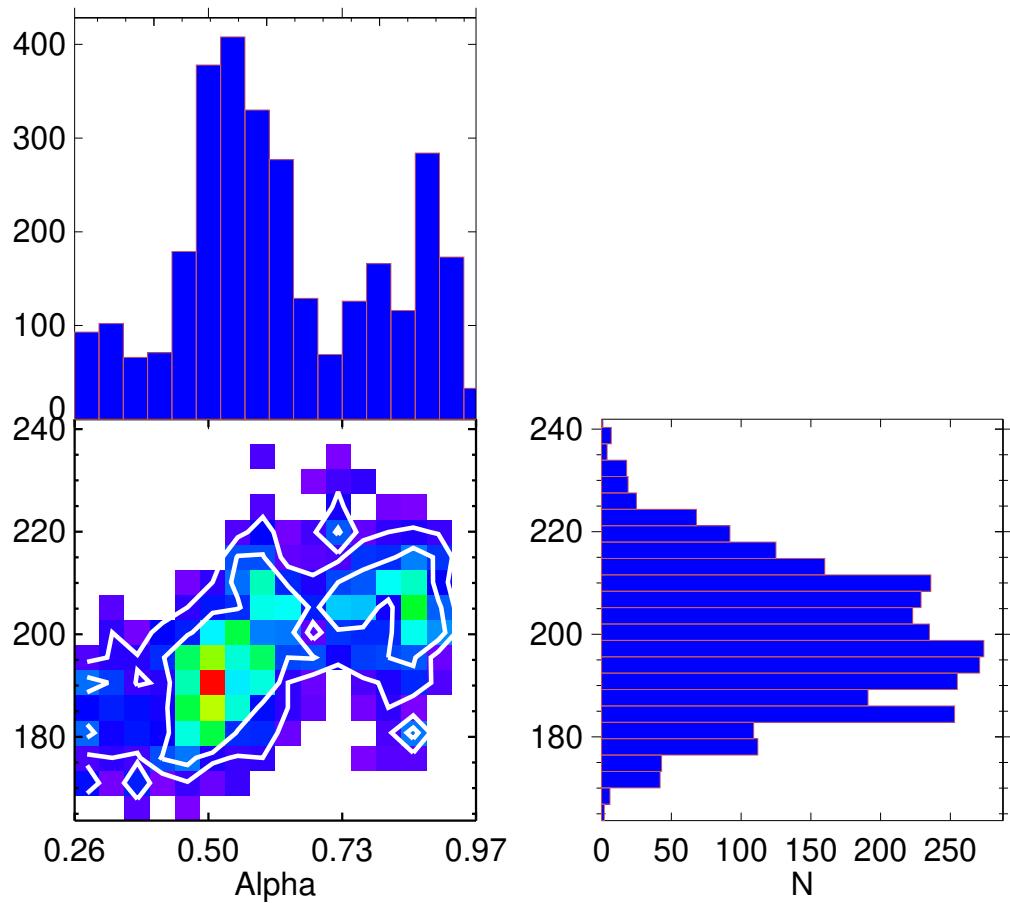
Median Alpha = 0.64 ± 0.04

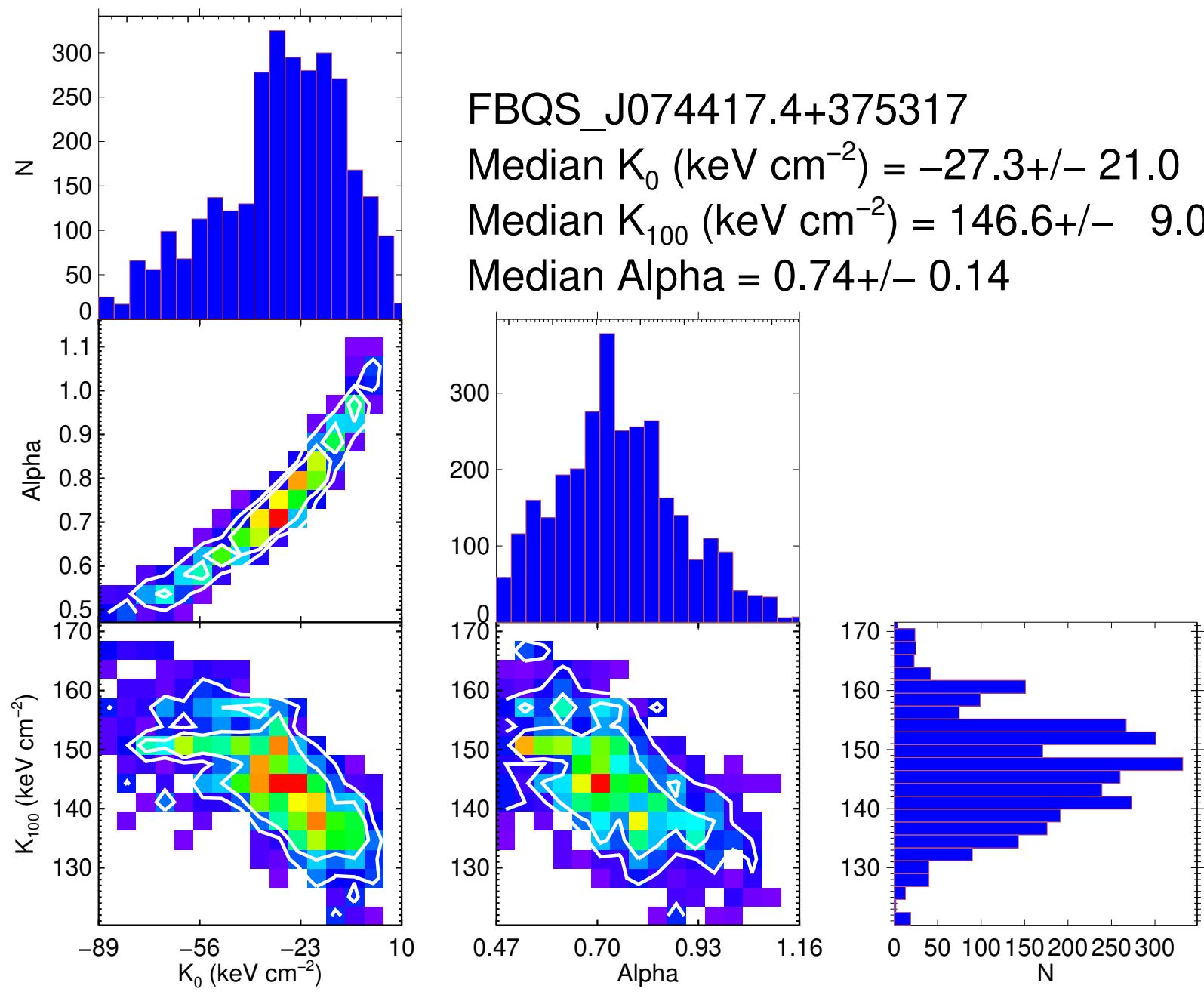


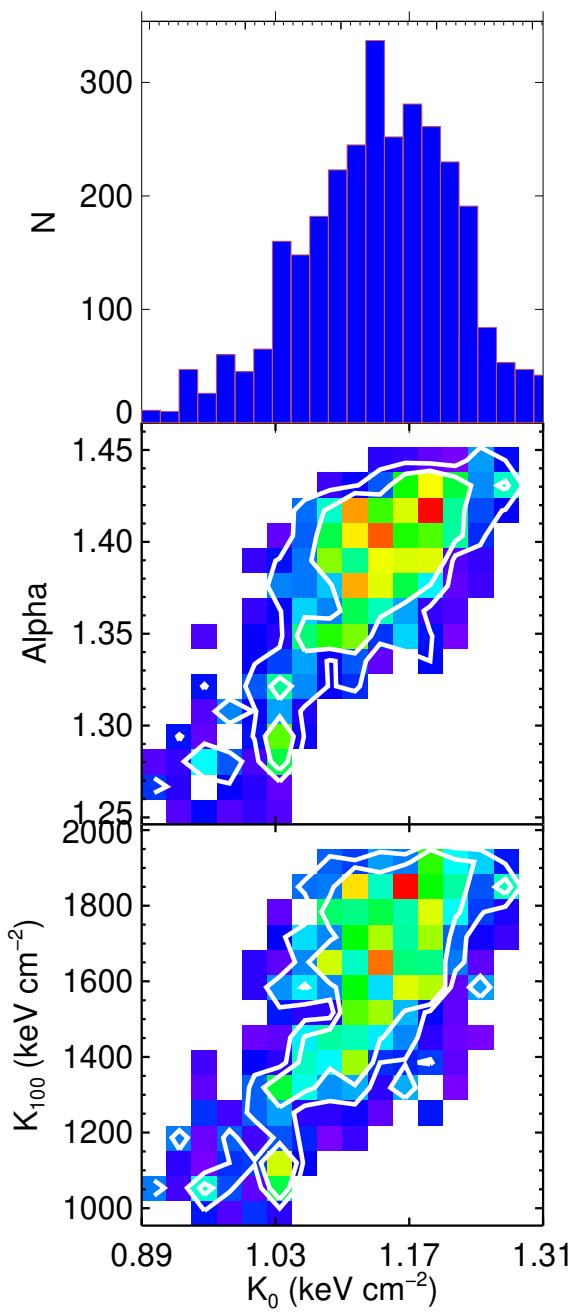




ESO_552_G_020
 Median K_0 (keV cm^{-2}) = -9.2 ± 21.9
 Median K_{100} (keV cm^{-2}) = 198.4 ± 13.2
 Median Alpha = 0.59 ± 0.18





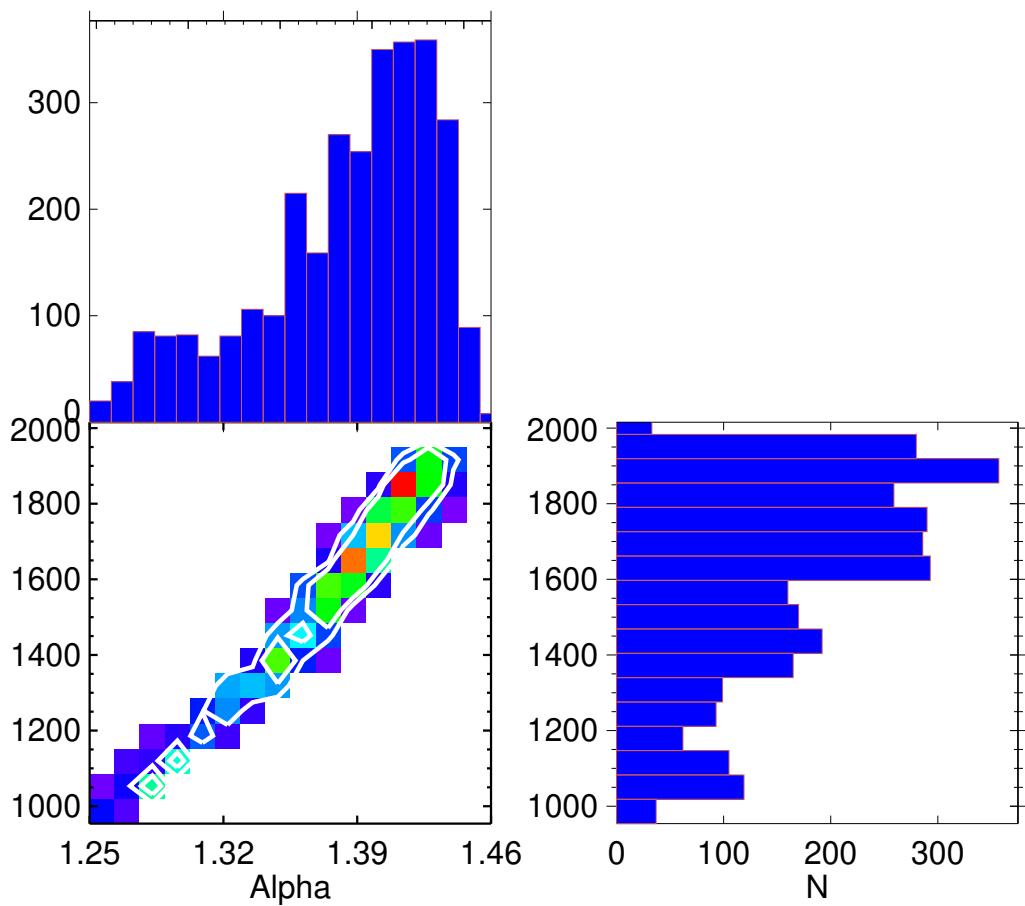


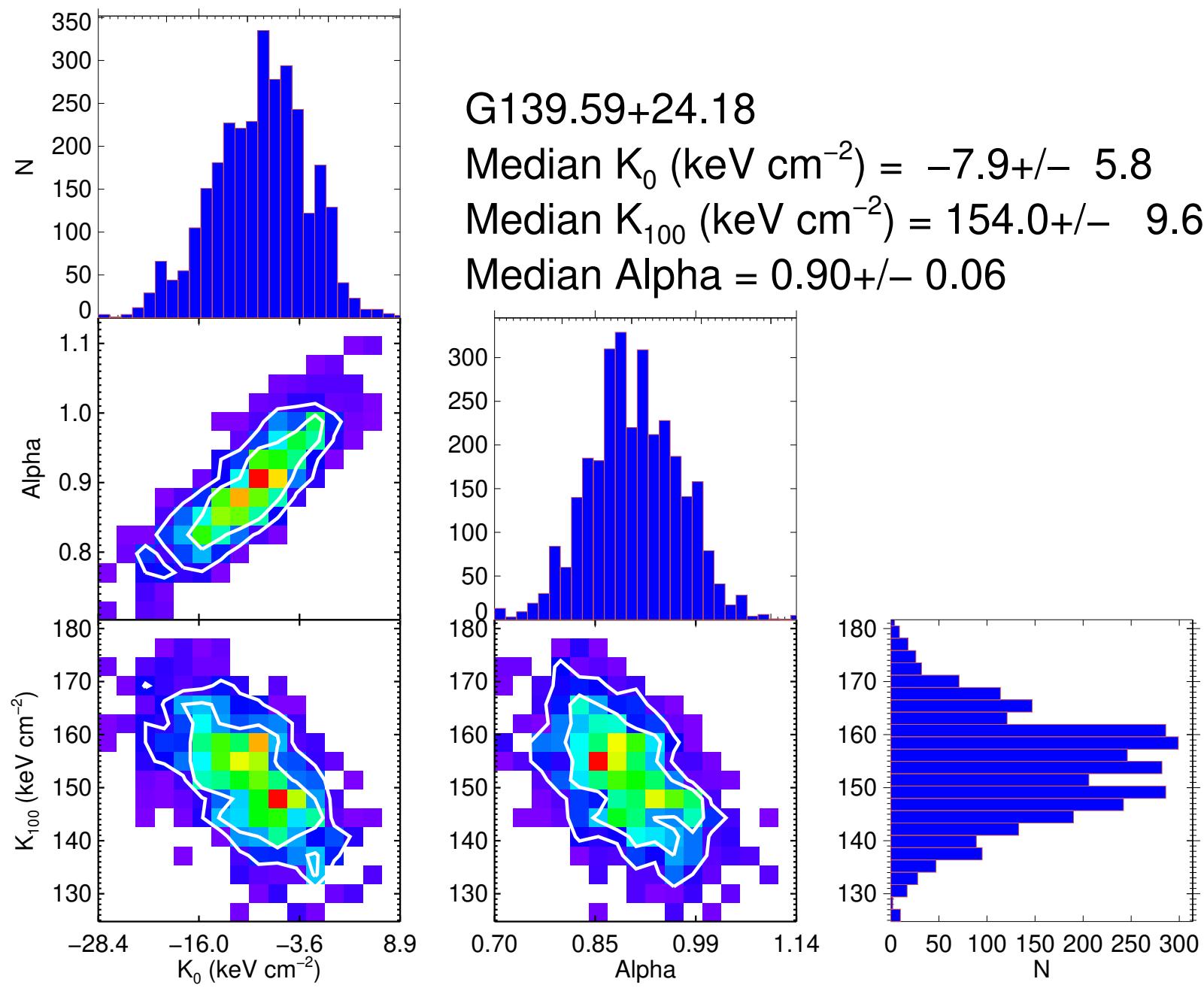
Fornax_Cluster

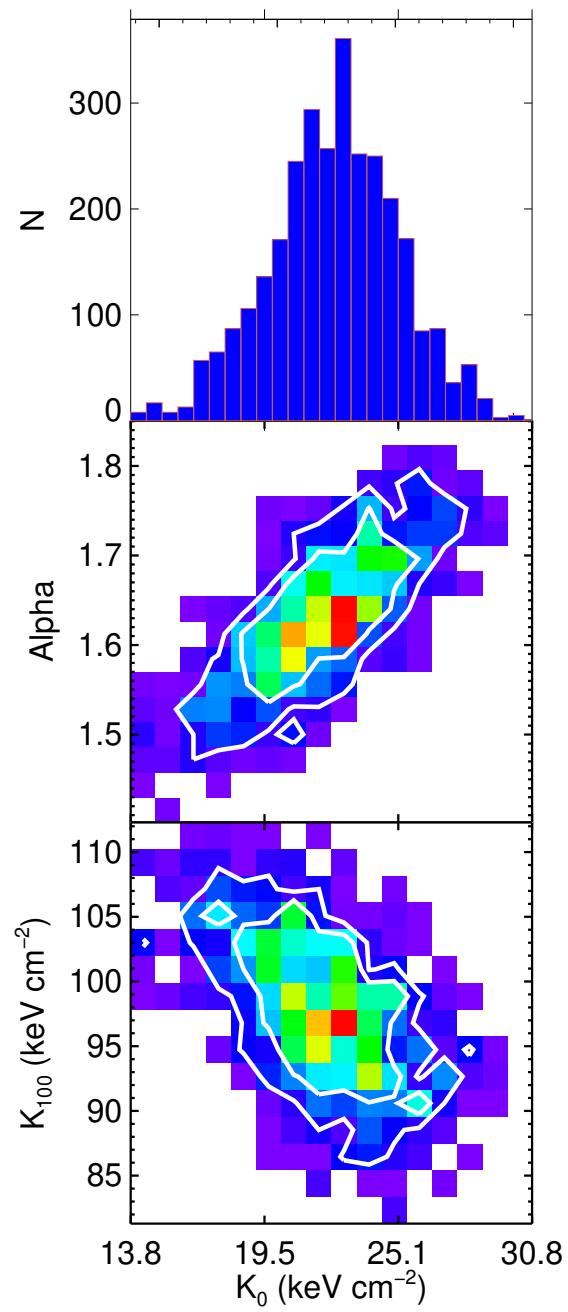
Median K_0 (keV cm $^{-2}$) = $1.1+/- 0.1$

Median K_{100} (keV cm $^{-2}$) = $1664.7+/- 265.1$

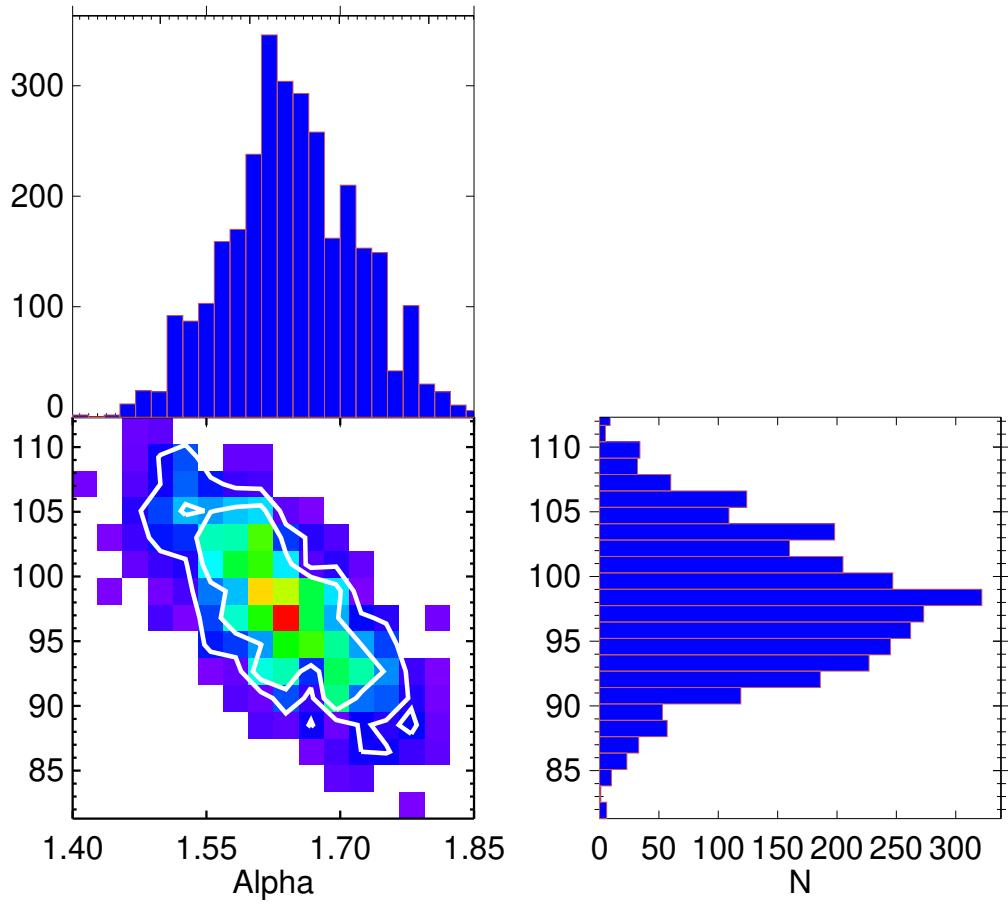
Median Alpha = $1.40+/- 0.05$

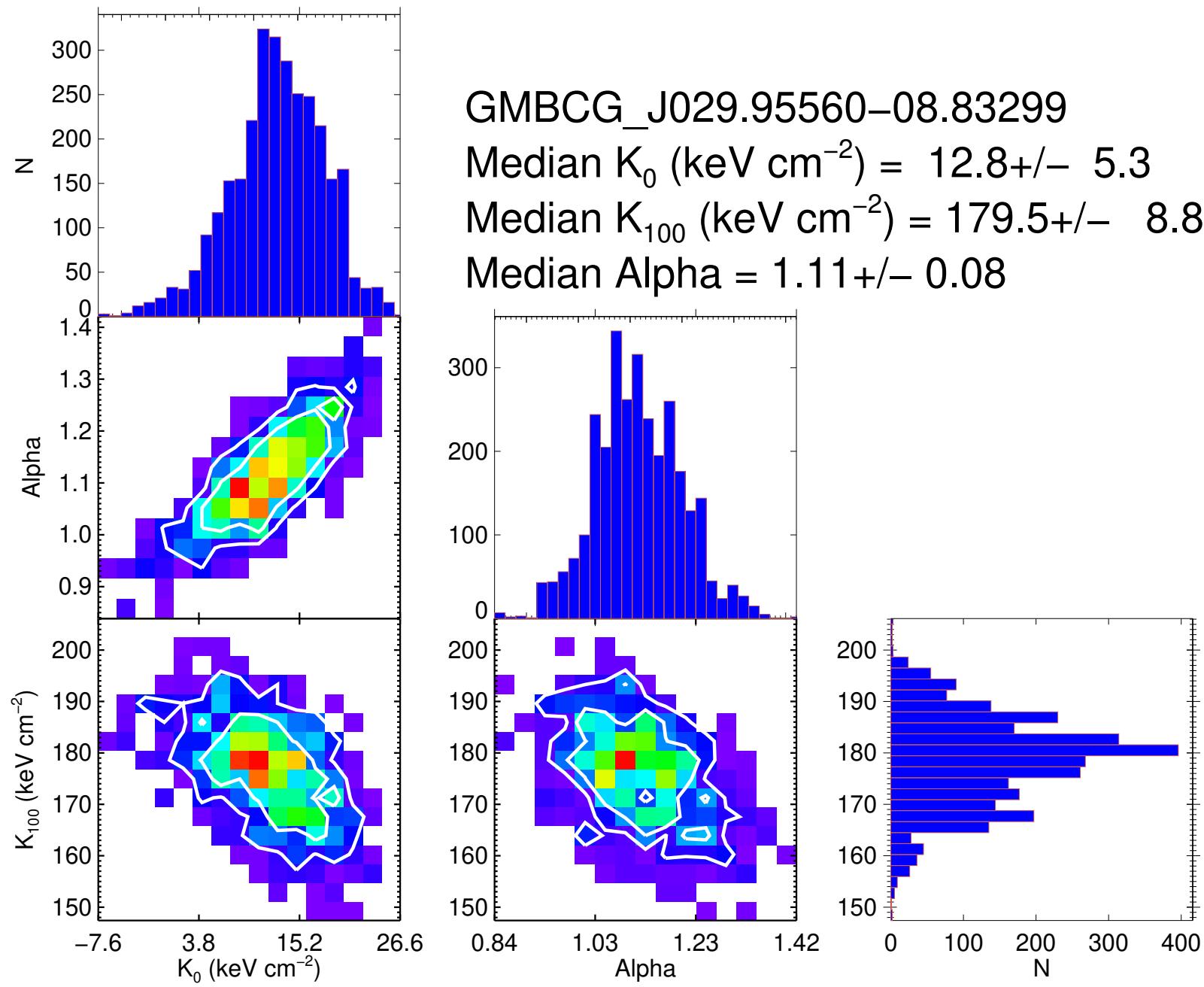


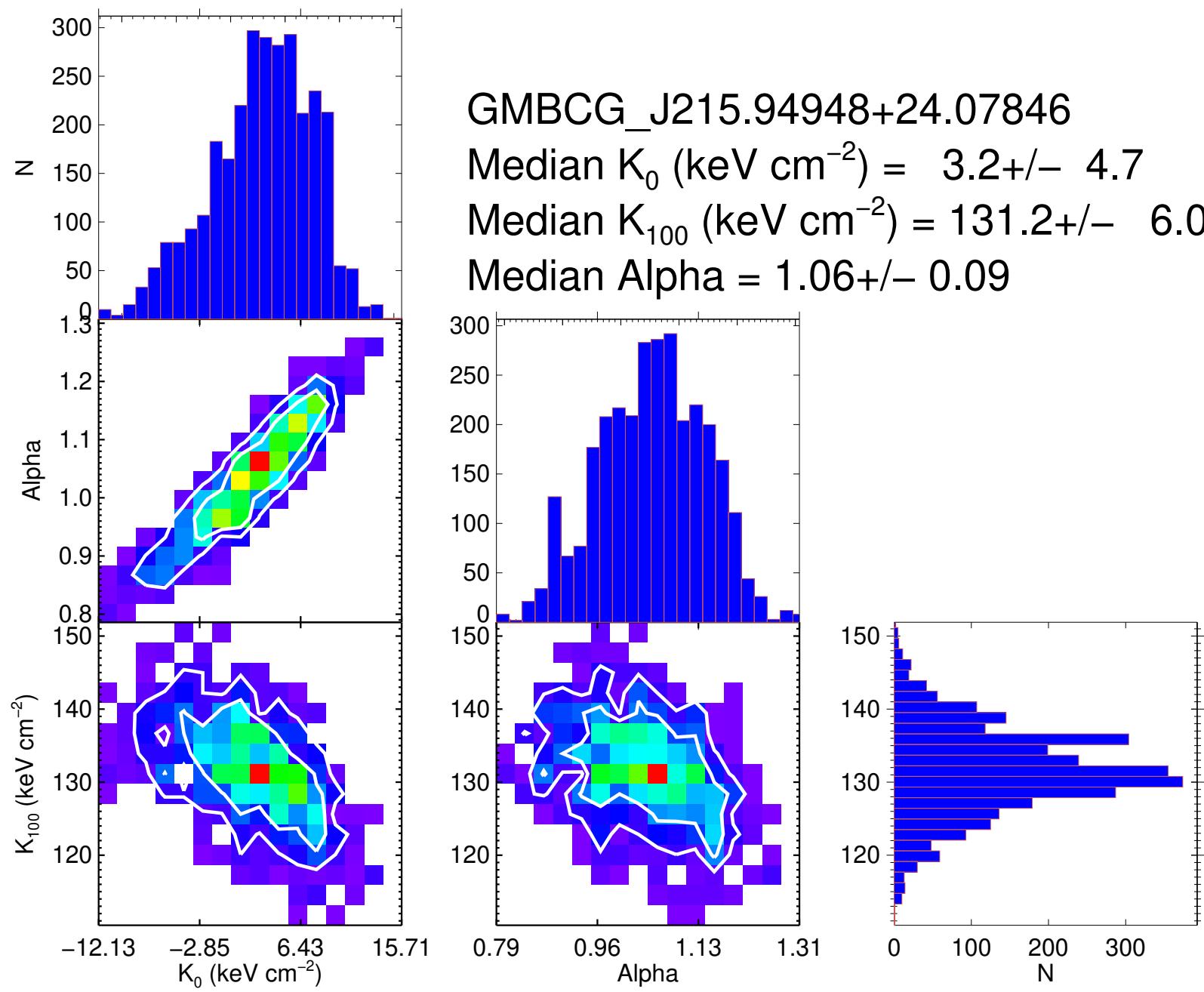


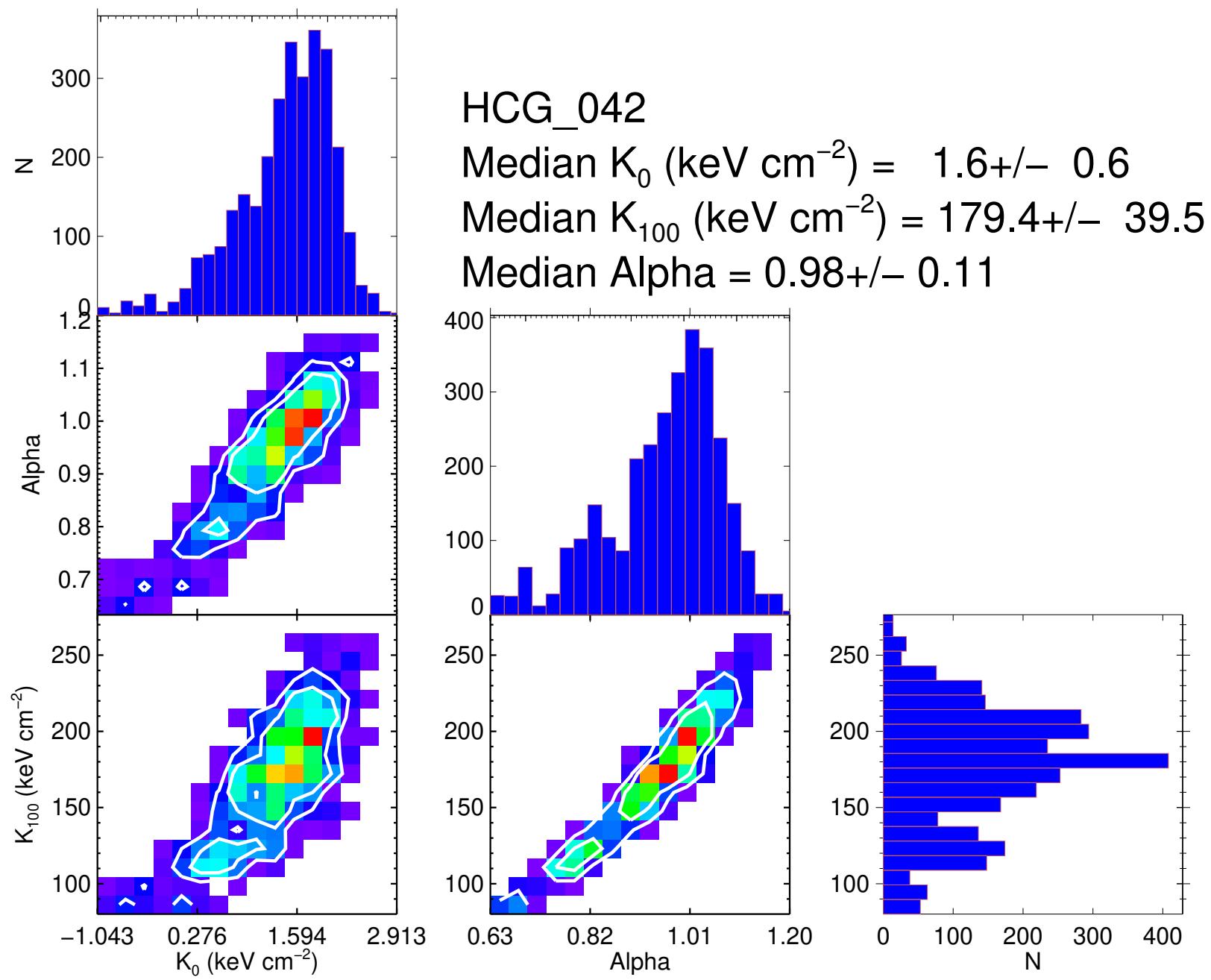


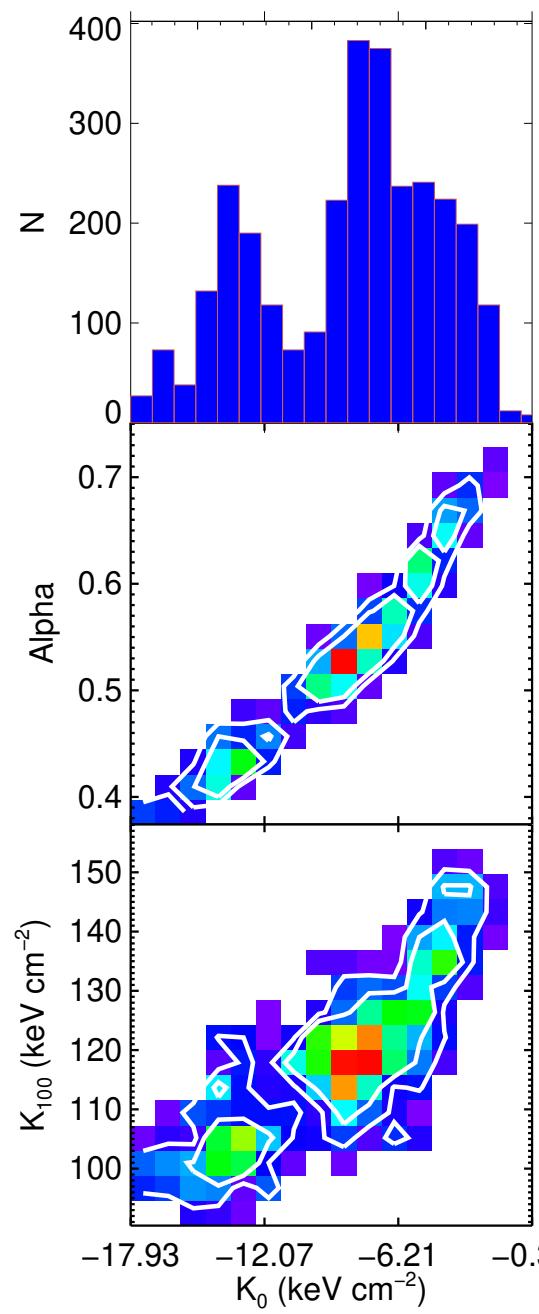
GALEX_J094712.4+762313
Median K_0 (keV cm $^{-2}$) = 22.6 ± 2.7
Median K_{100} (keV cm $^{-2}$) = 97.8 ± 5.2
Median Alpha = 1.65 ± 0.07









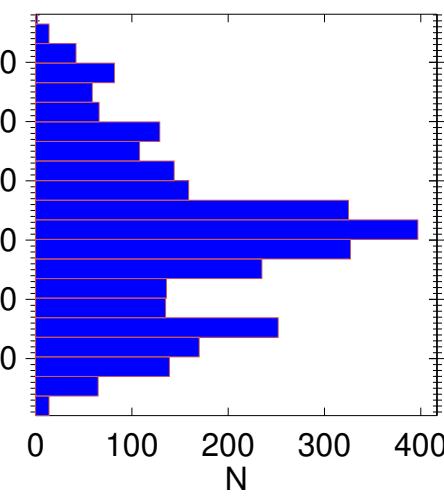
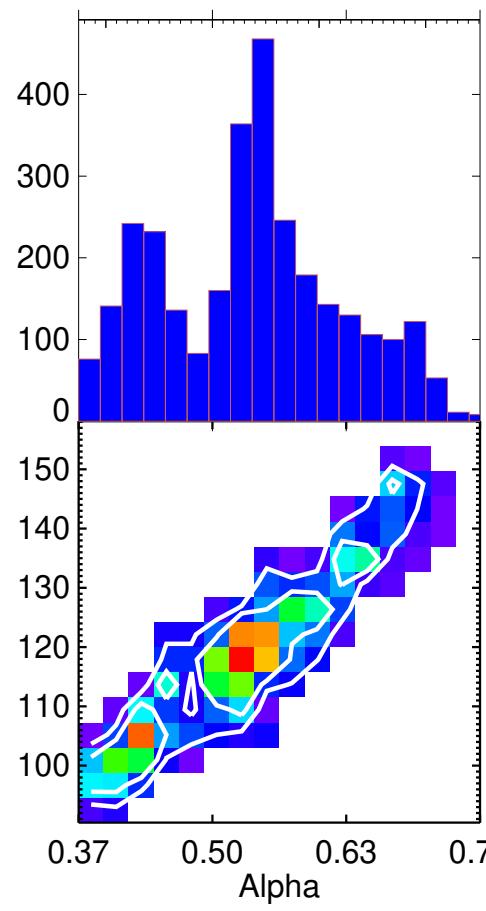


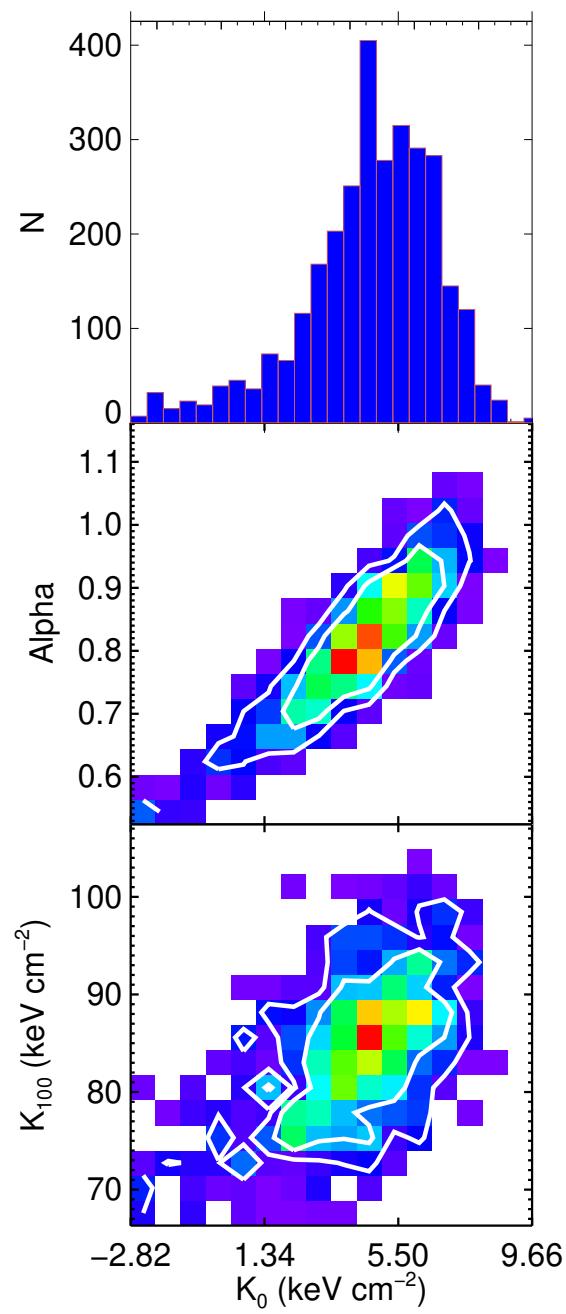
HCG_051

Median K_0 (keV cm $^{-2}$) = $-7.6+/- 3.9$

Median K_{100} (keV cm $^{-2}$) = $120.3+/- 13.6$

Median Alpha = $0.54+/- 0.08$



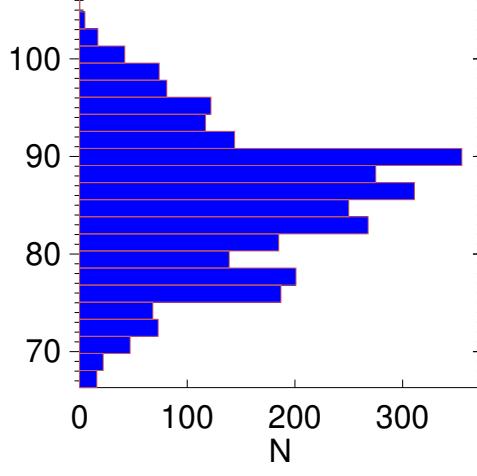
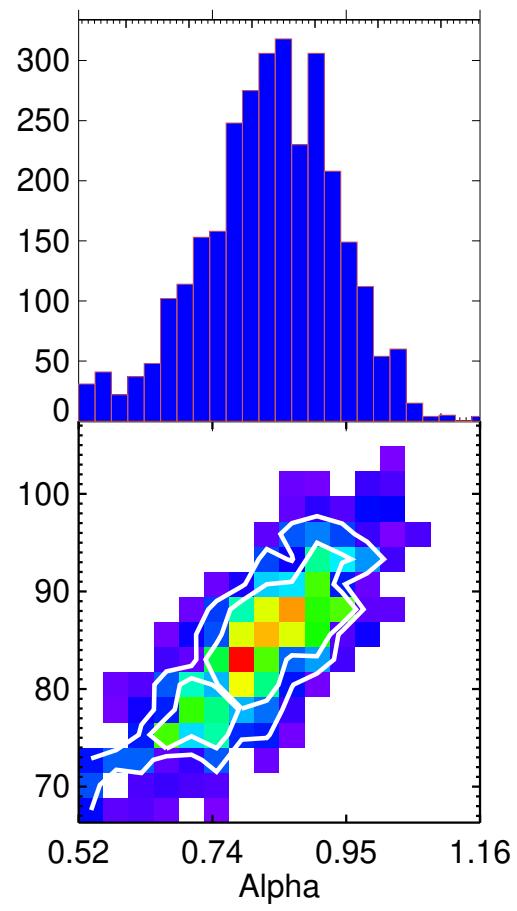


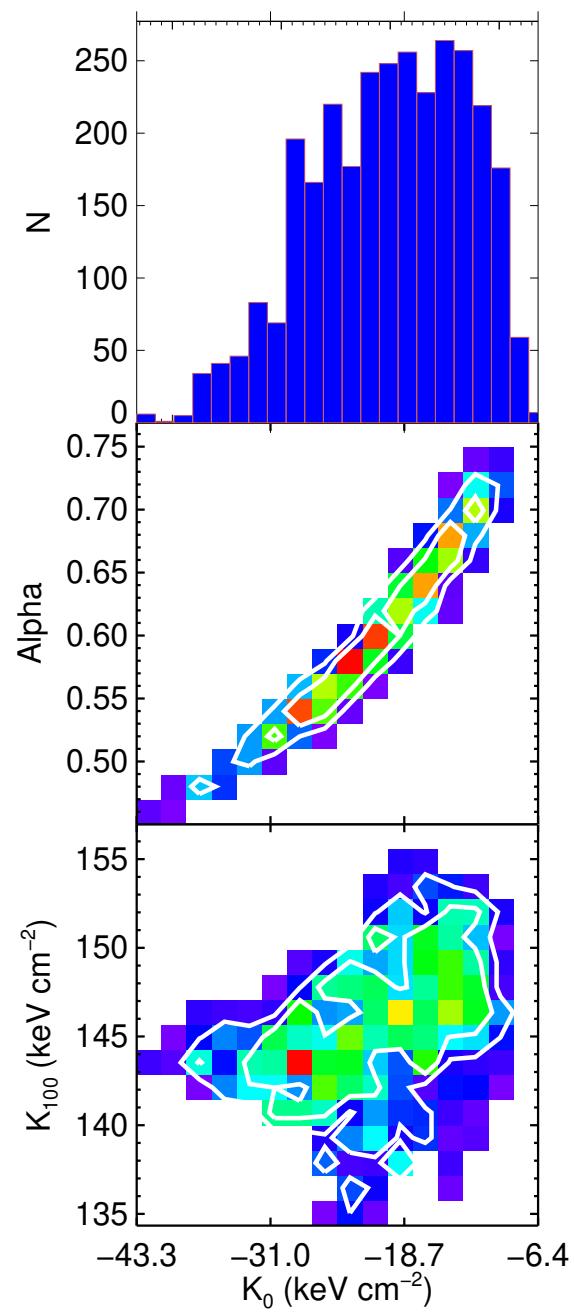
HCG_097

Median K_0 (keV cm $^{-2}$) = 4.8+/- 2.1

Median K_{100} (keV cm $^{-2}$) = 85.8+/- 7.2

Median Alpha = 0.83+/- 0.11



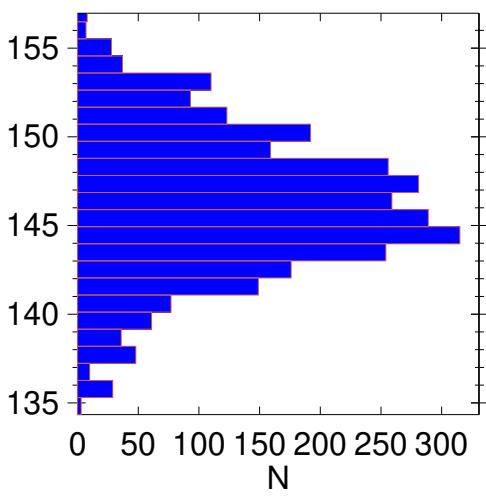
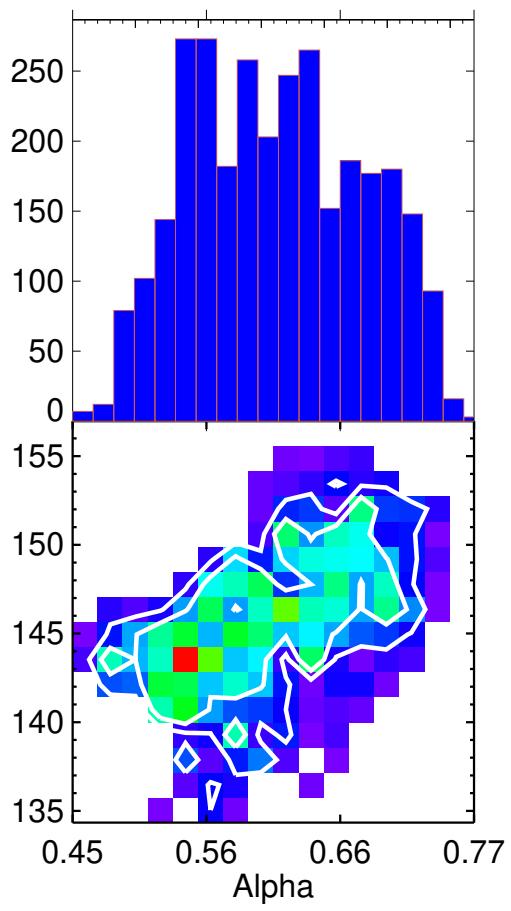


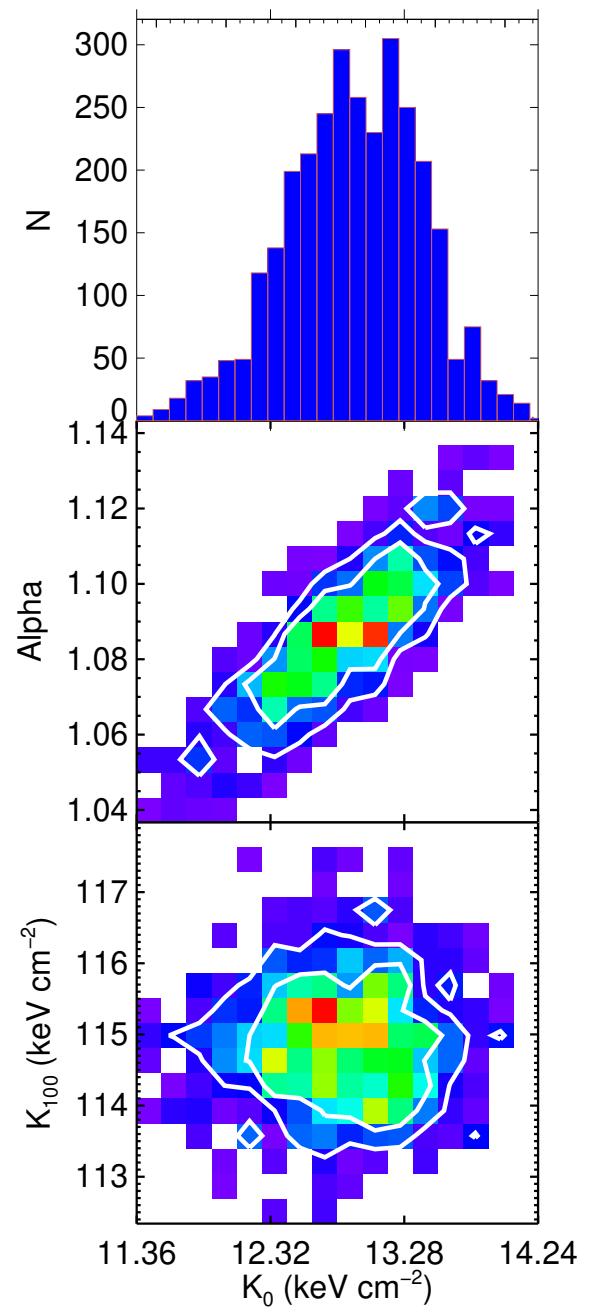
Hercules_A

Median K_0 (keV cm $^{-2}$) = $-19.6+/- 7.1$

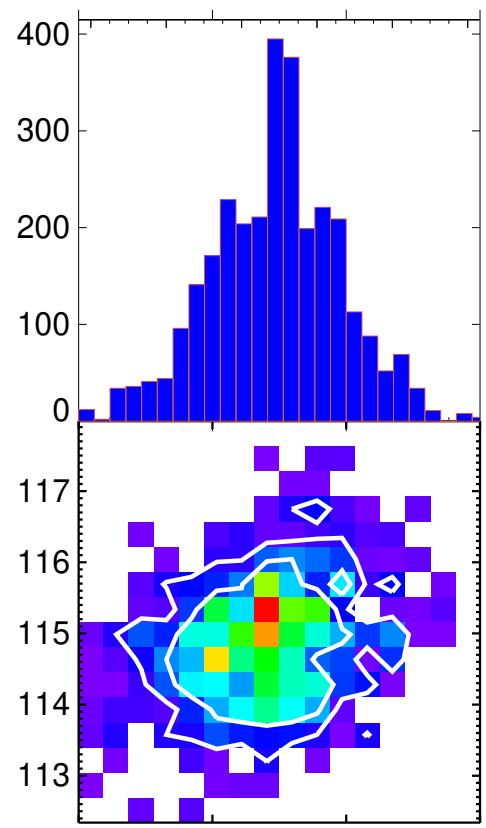
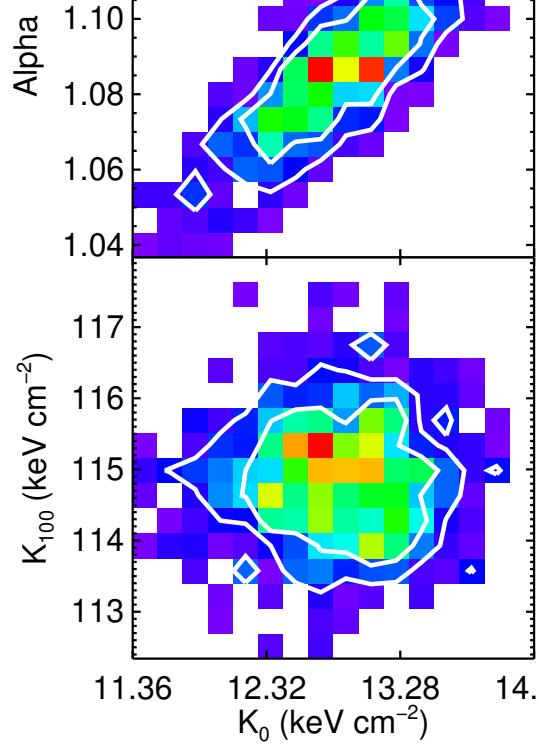
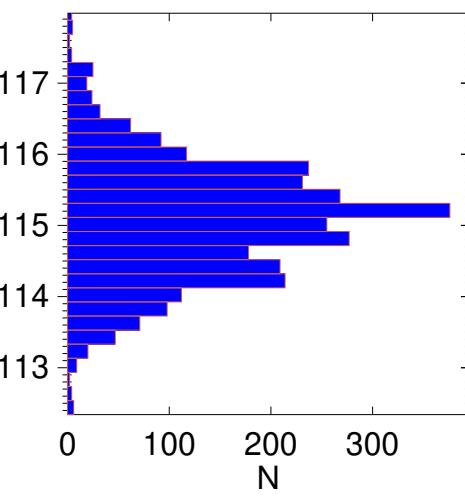
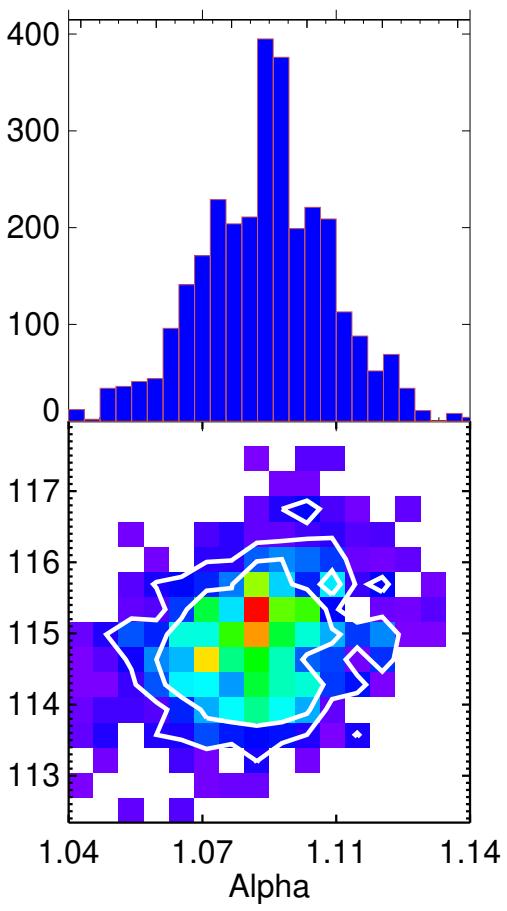
Median K_{100} (keV cm $^{-2}$) = $146.0+/- 4.0$

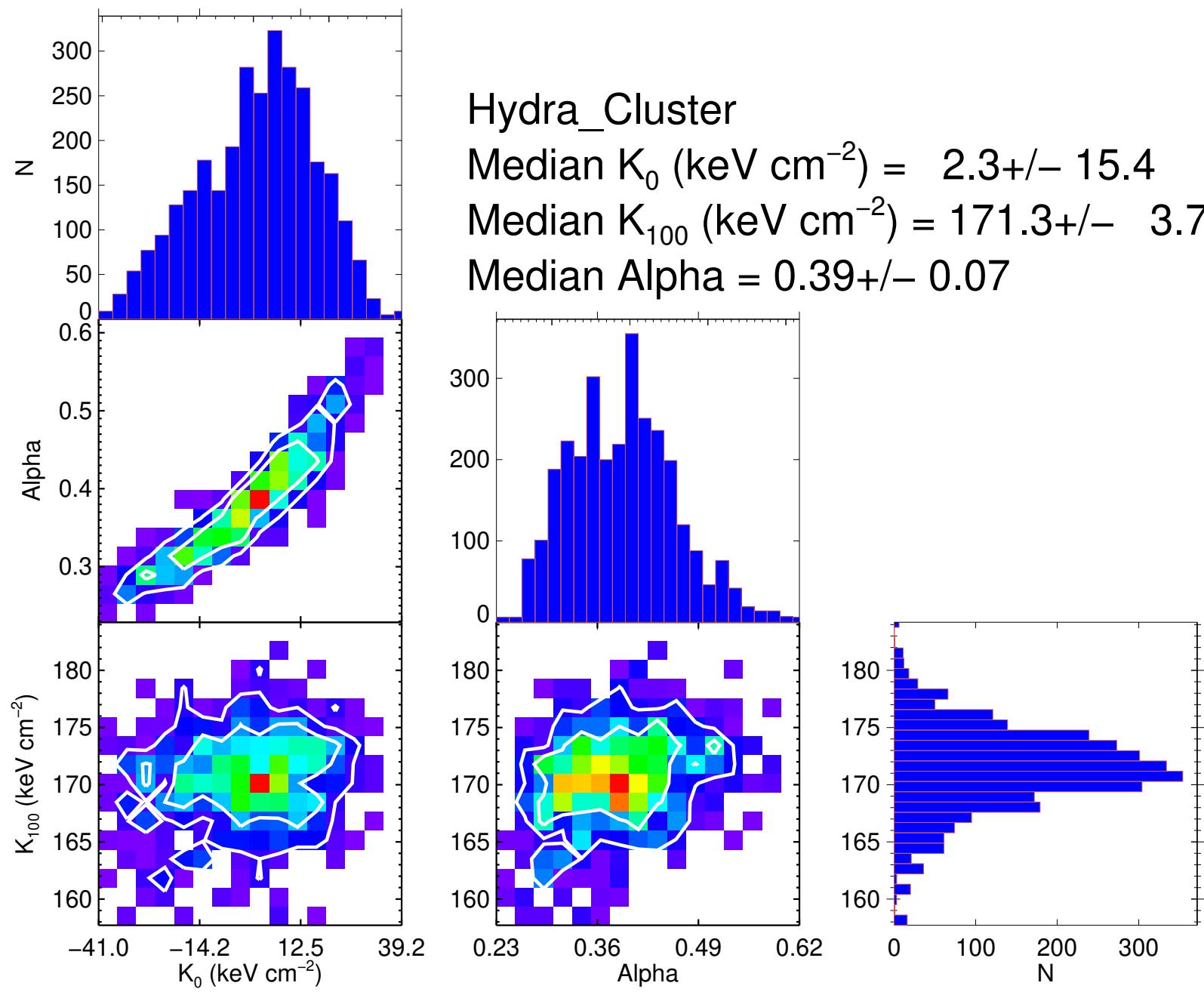
Median Alpha = $0.61+/- 0.07$

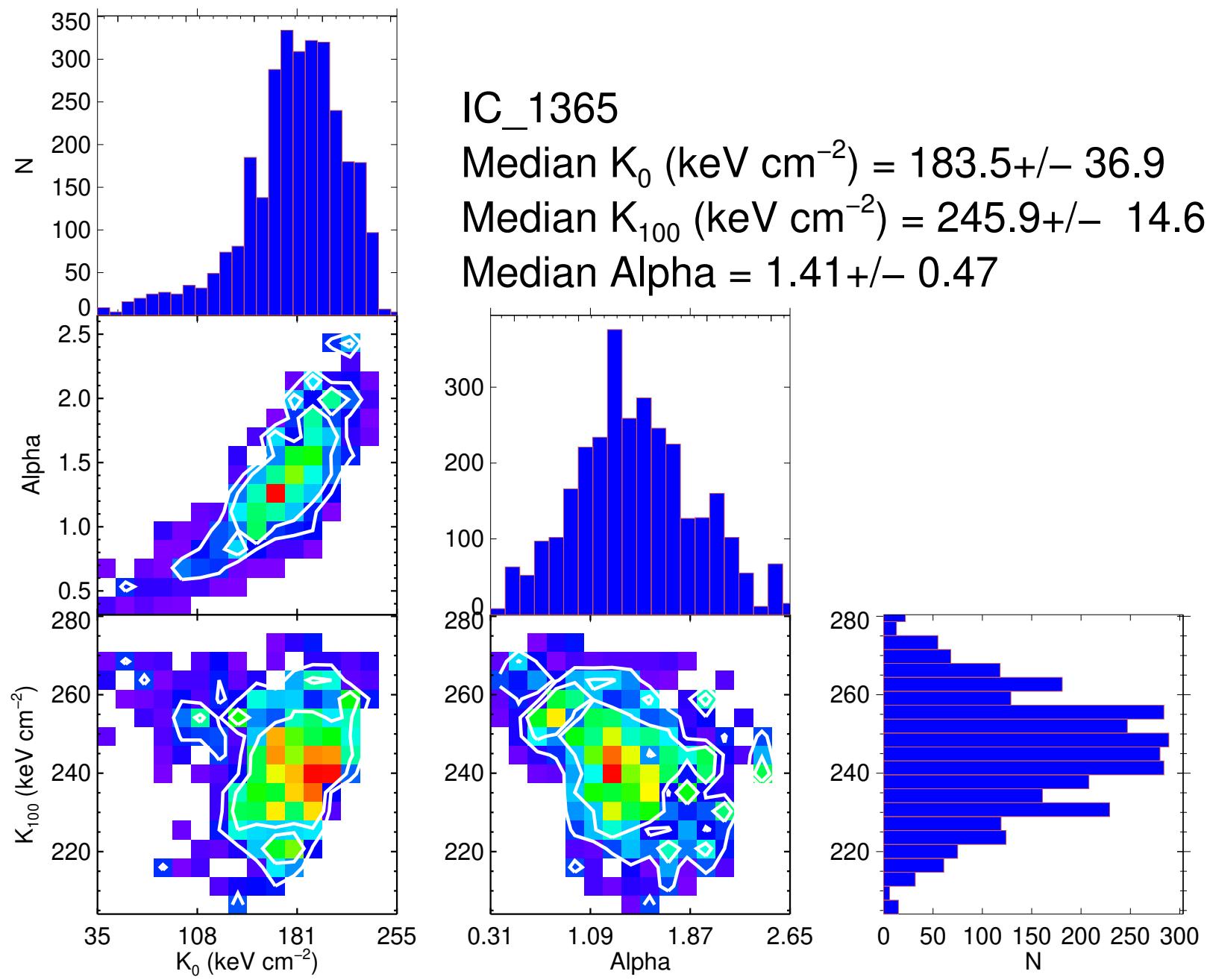


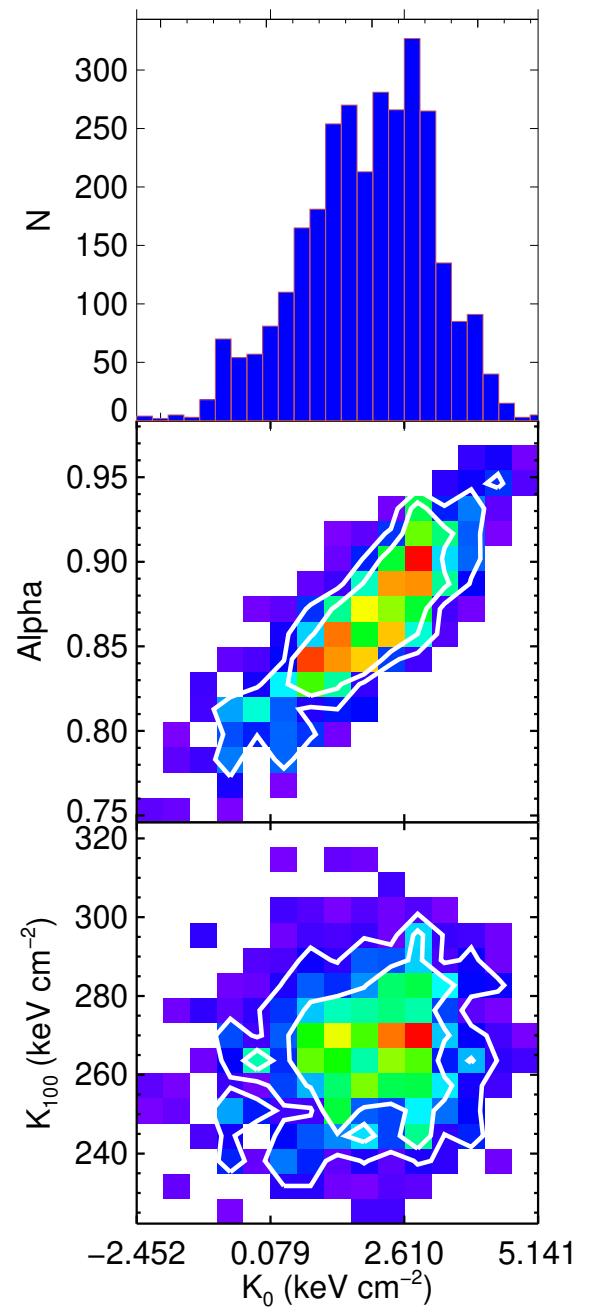


Hydra_A
 Median K_0 (keV cm $^{-2}$) = $12.9+/- 0.5$
 Median K_{100} (keV cm $^{-2}$) = $115.1+/- 0.8$
 Median Alpha = $1.09+/- 0.02$







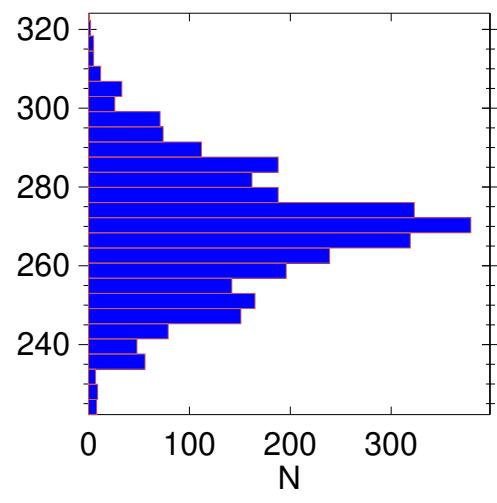
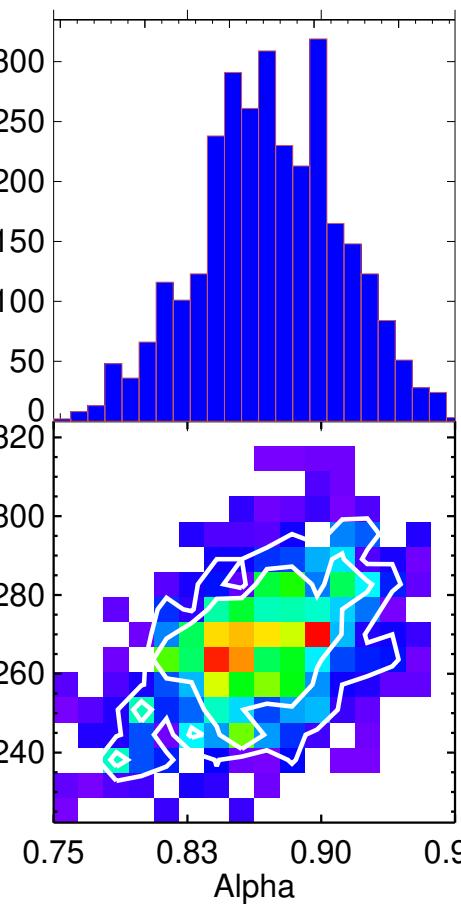


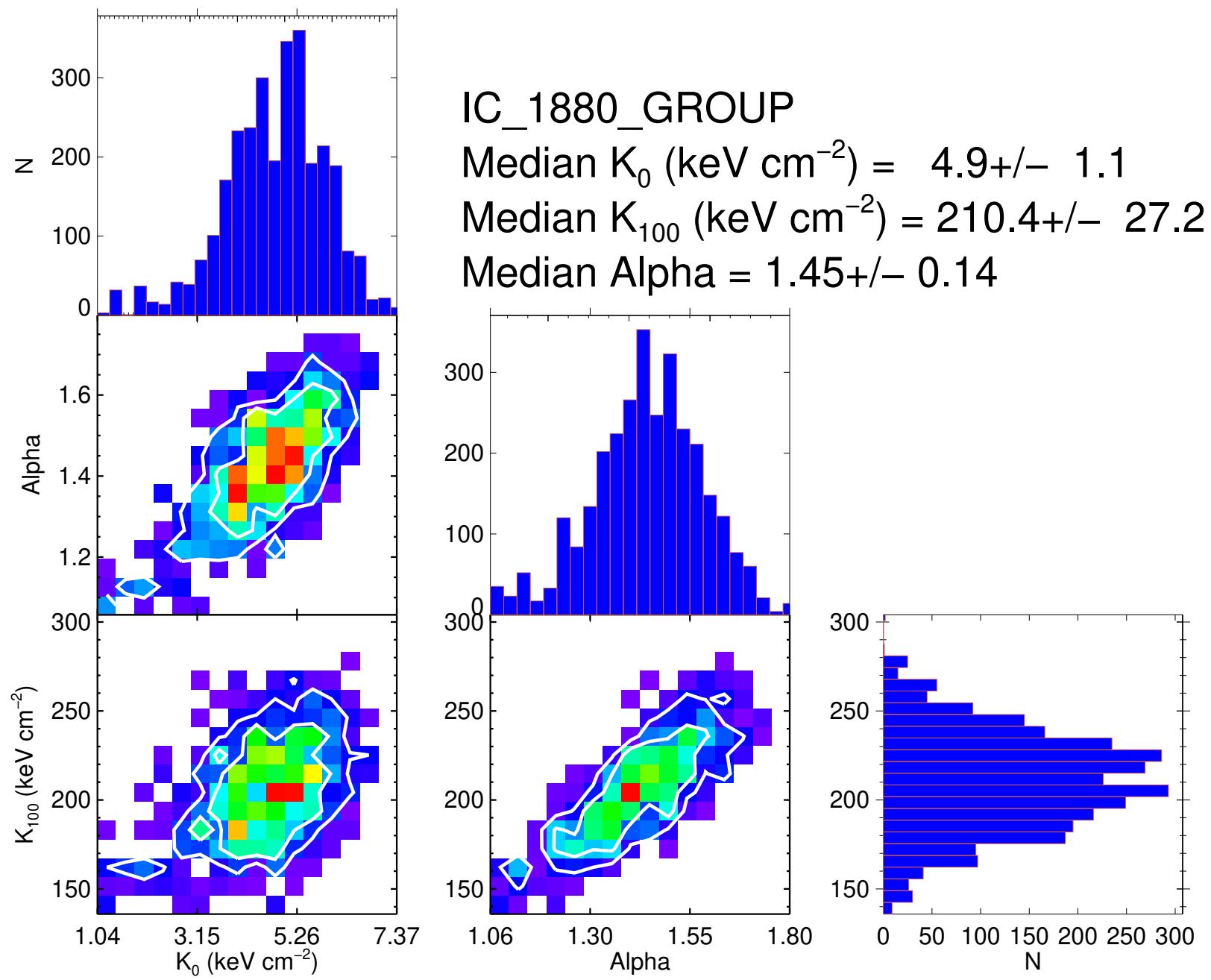
IC_1633

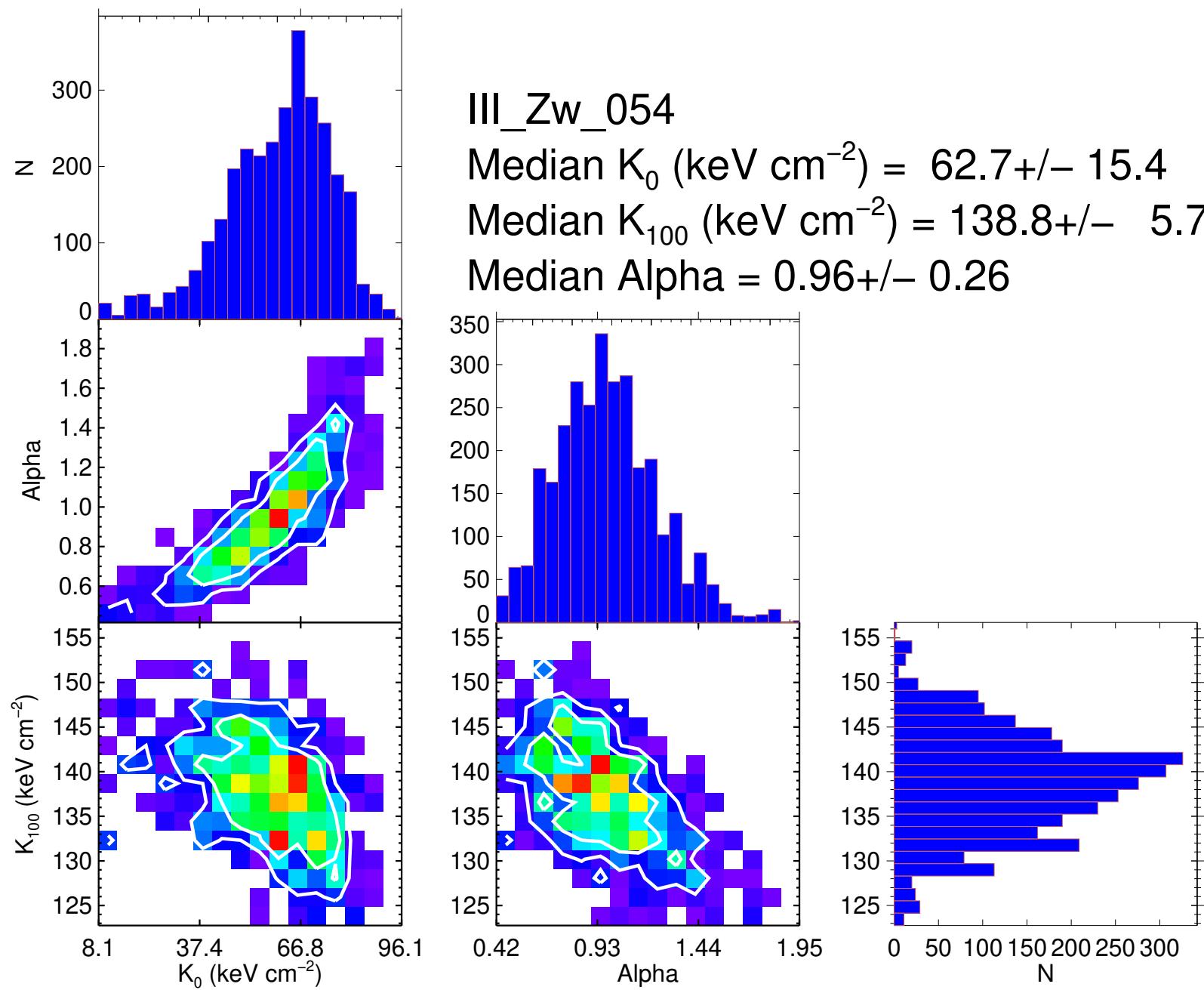
Median K_0 (keV cm $^{-2}$) = 2.0+/- 1.2

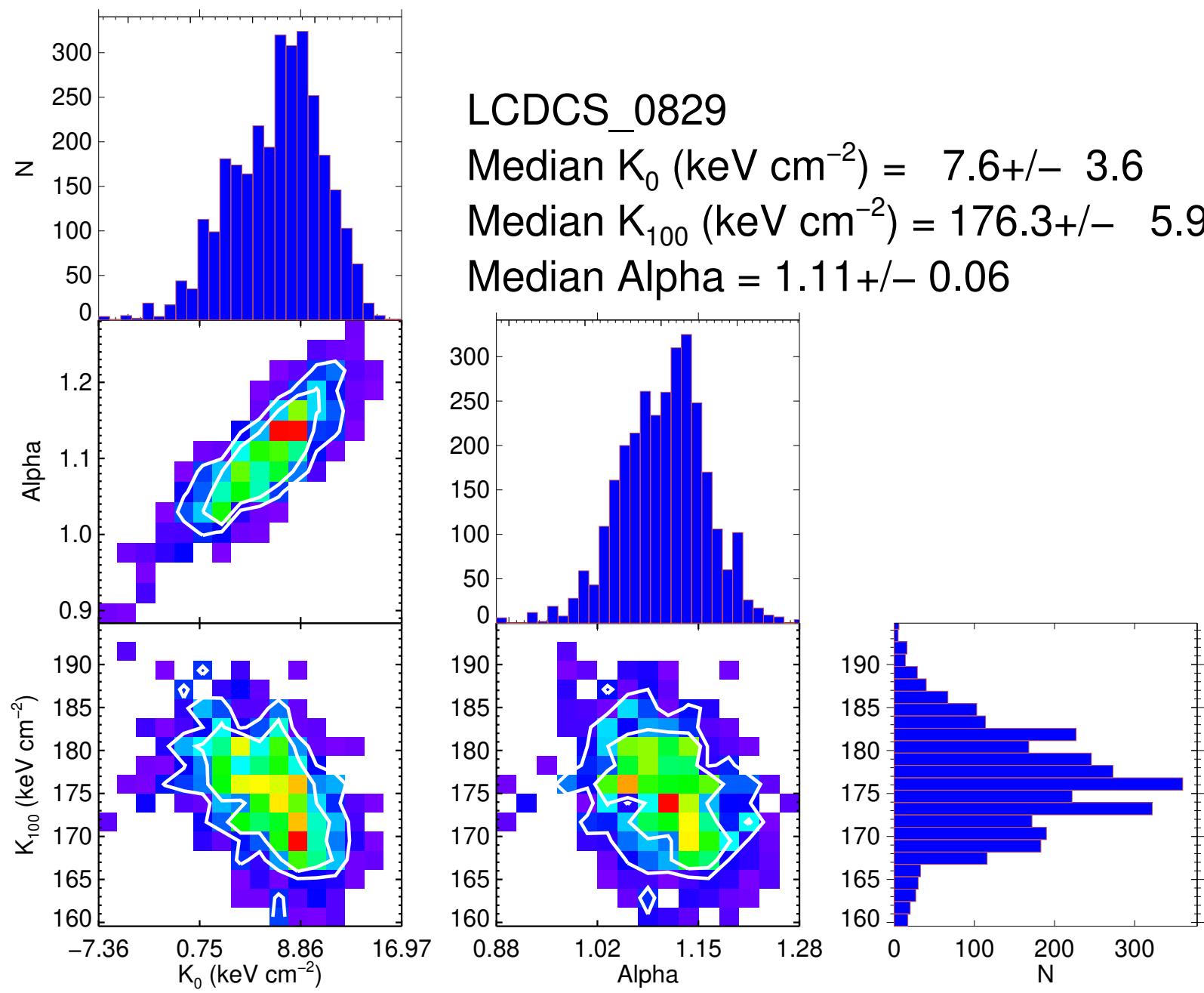
Median K_{100} (keV cm $^{-2}$) = 269.2+/- 15.8

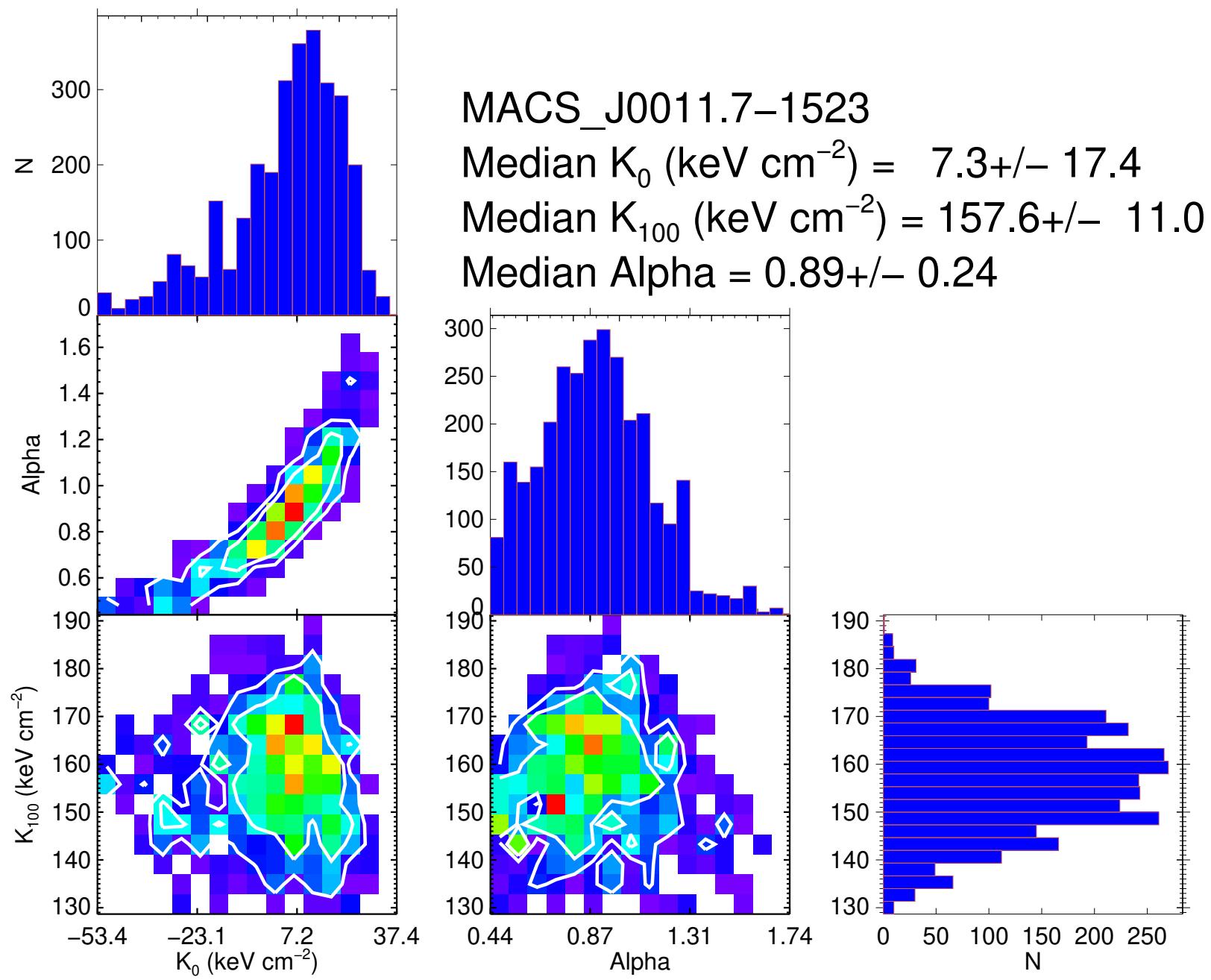
Median Alpha = 0.87+/- 0.04

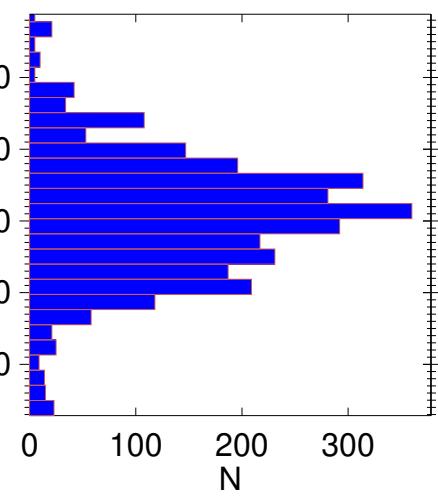
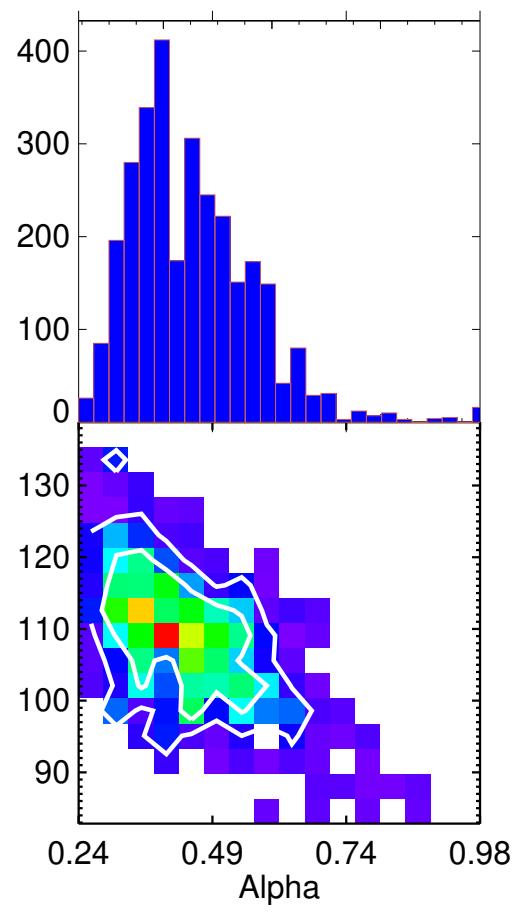
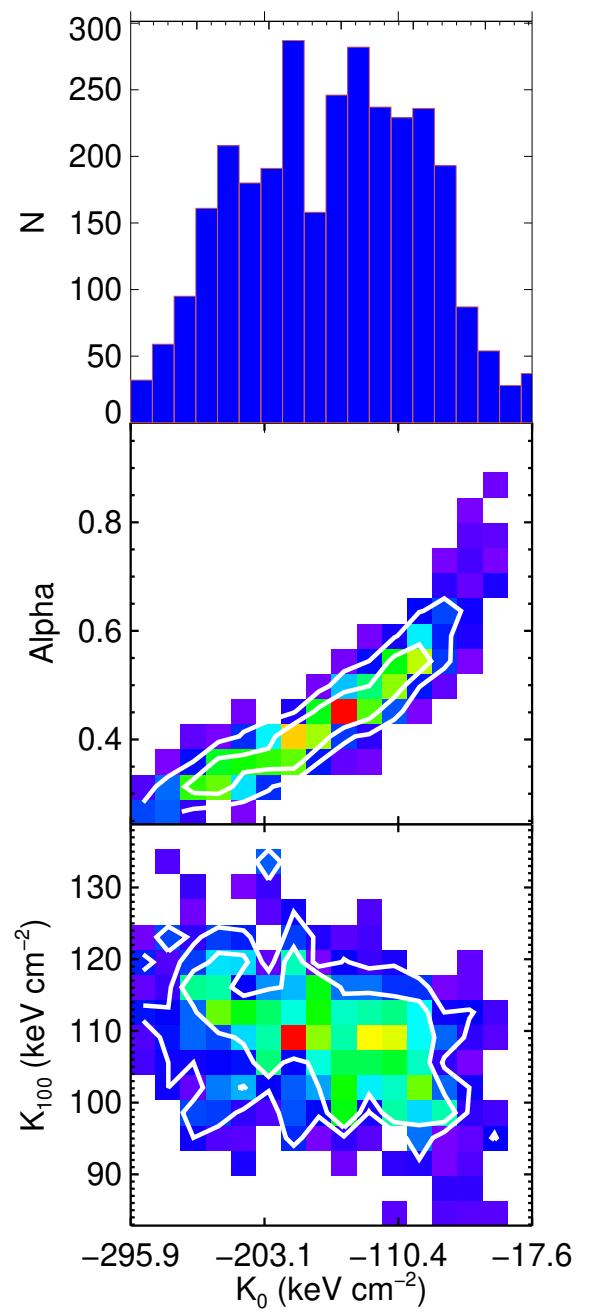


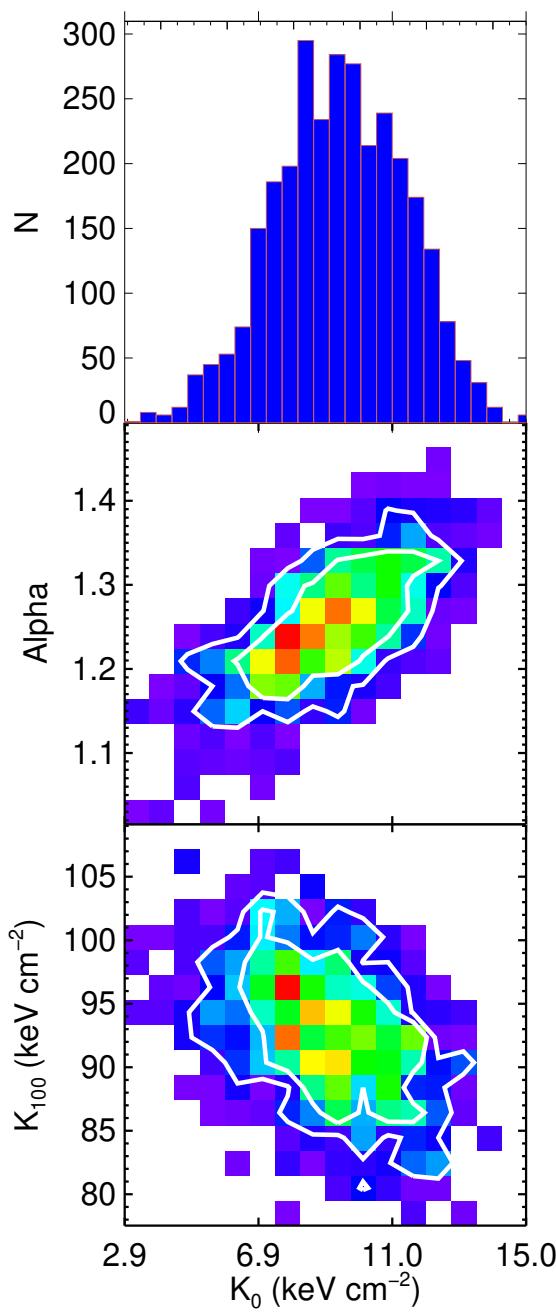




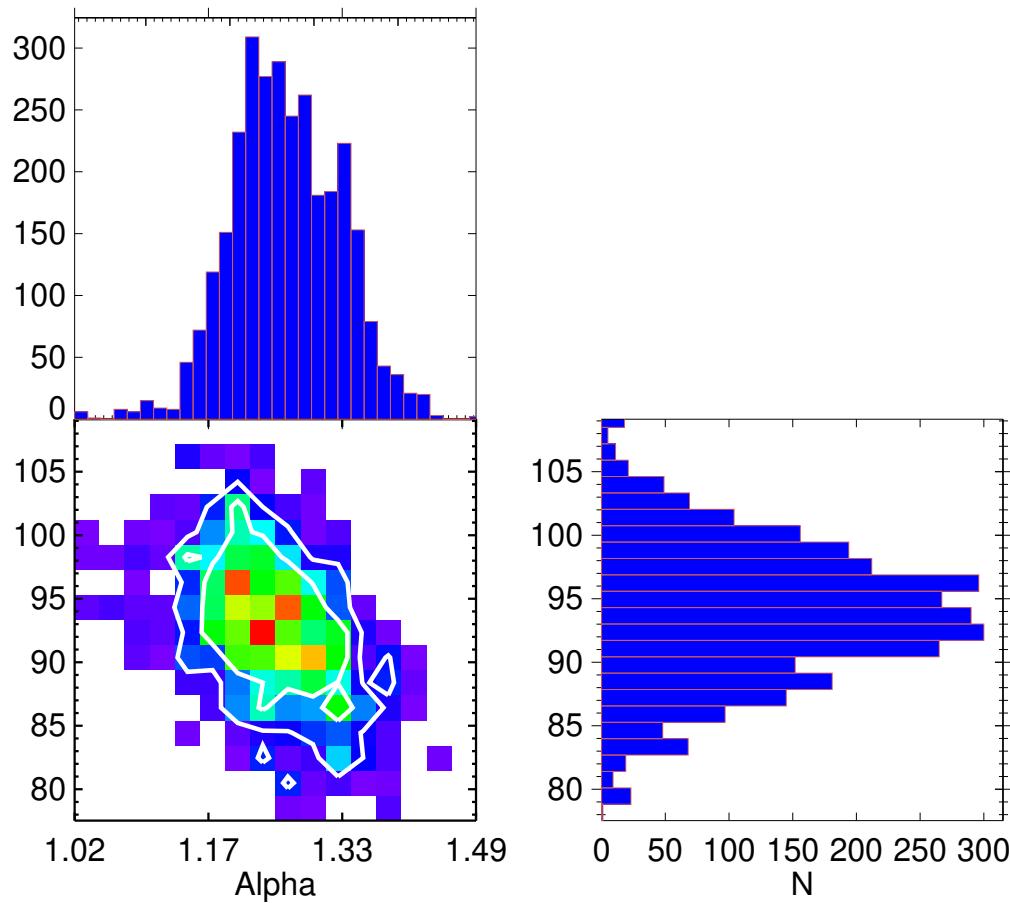


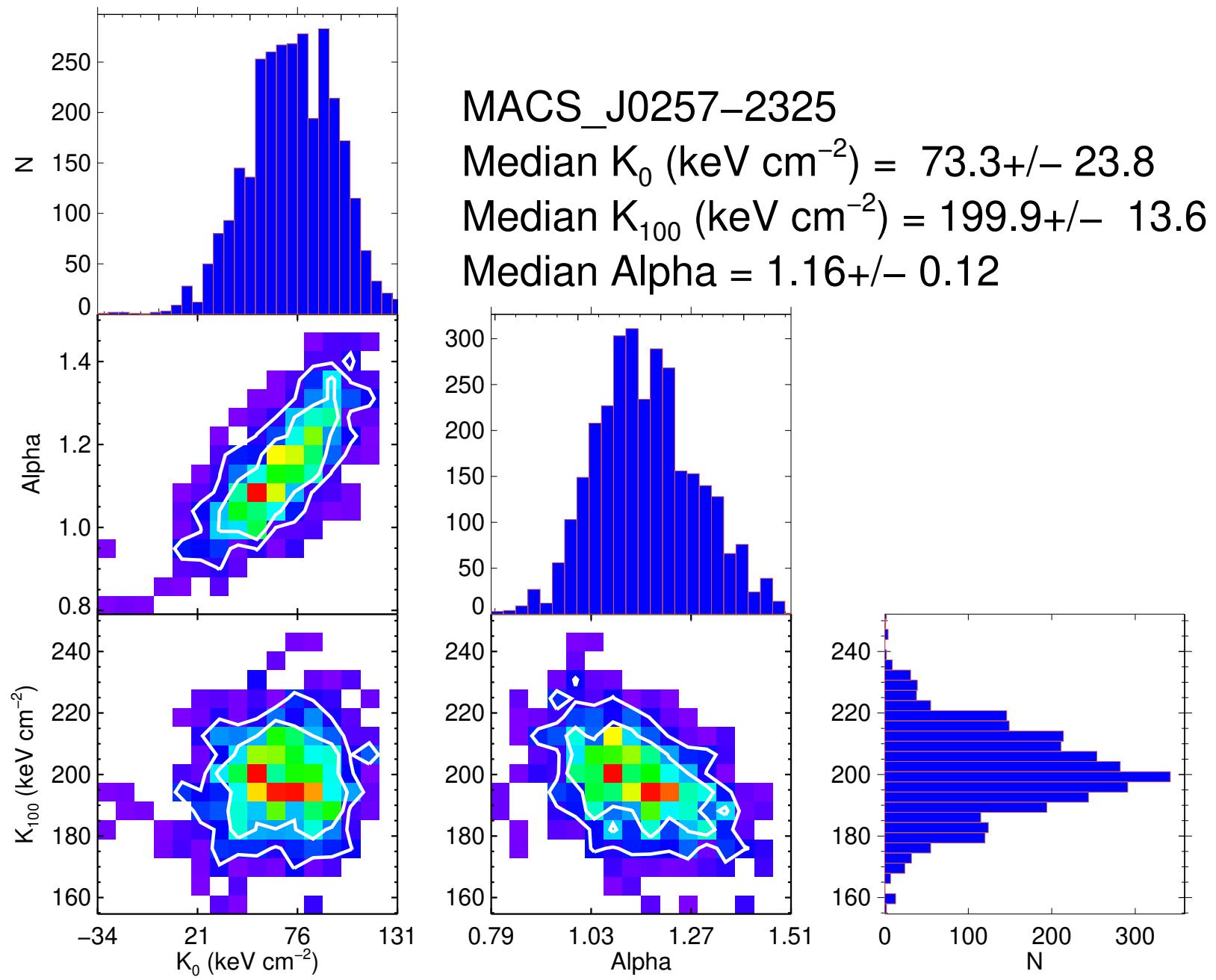


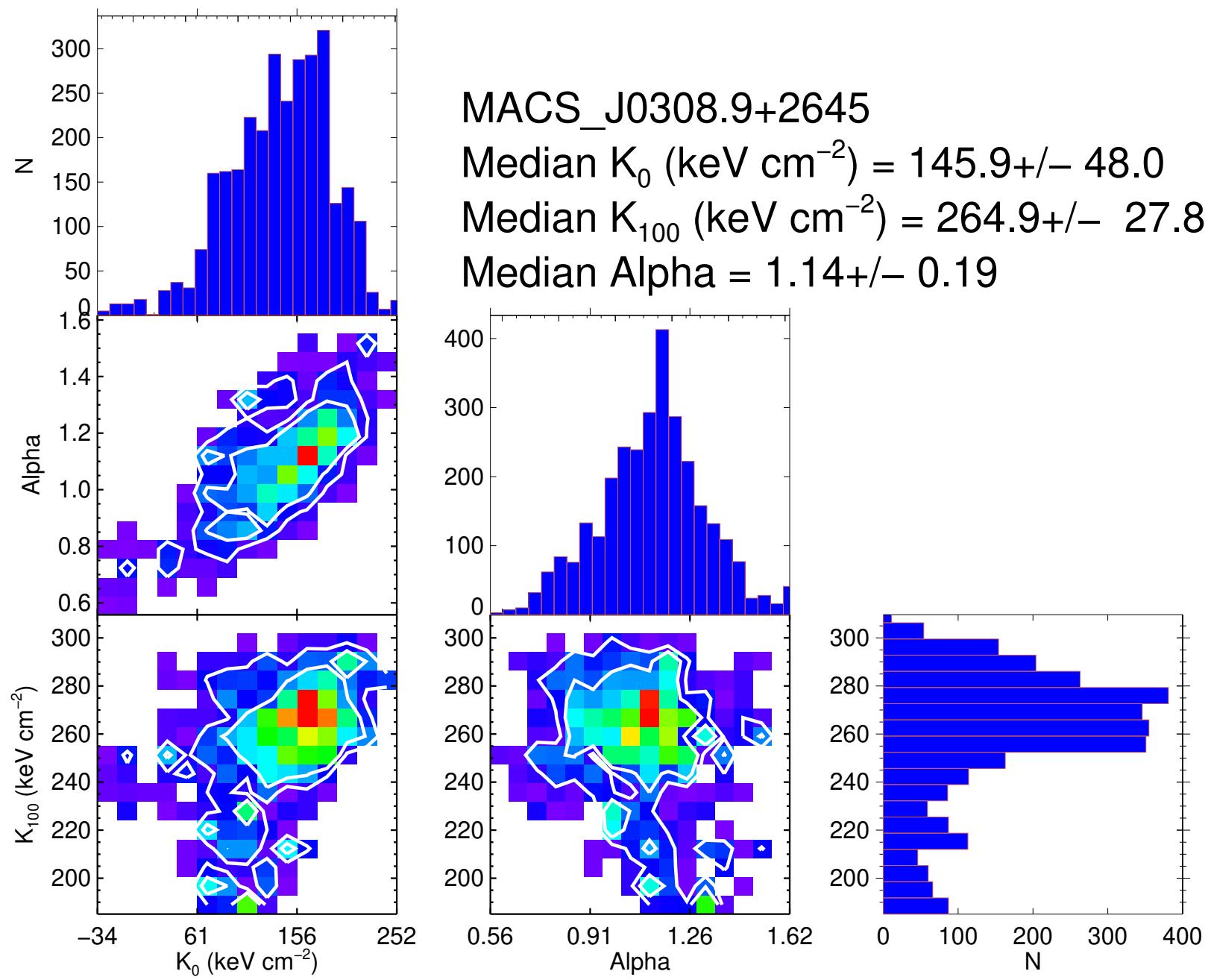


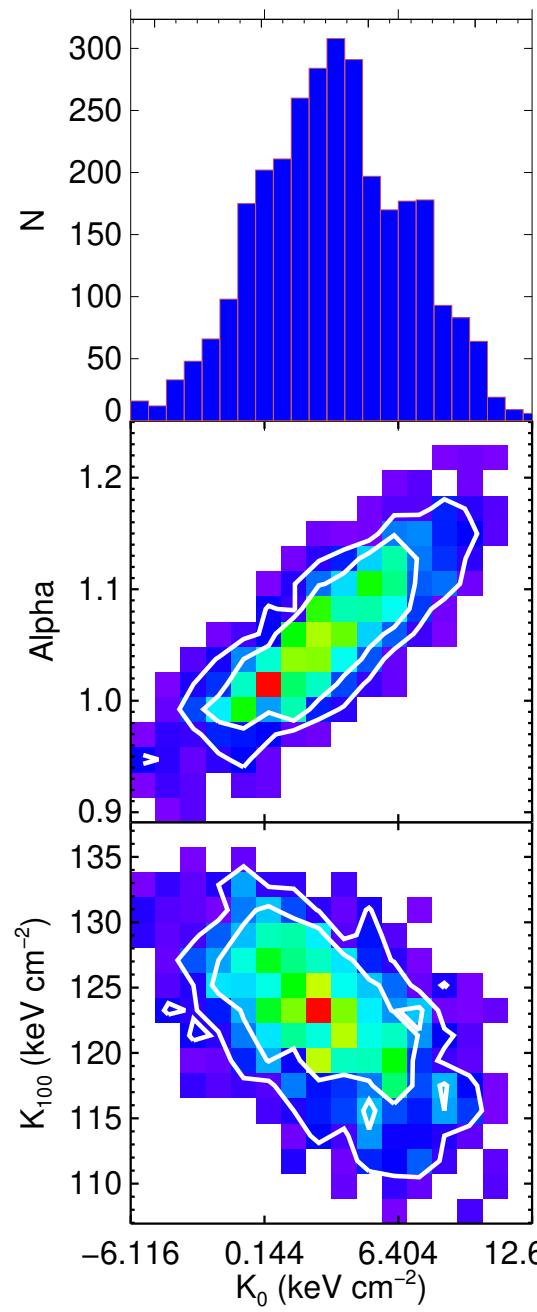


MACS_J0242.6-2132
 Median K_0 (keV cm $^{-2}$) = 9.4+/- 2.0
 Median K_{100} (keV cm $^{-2}$) = 94.0+/- 5.3
 Median Alpha = 1.26+/- 0.06

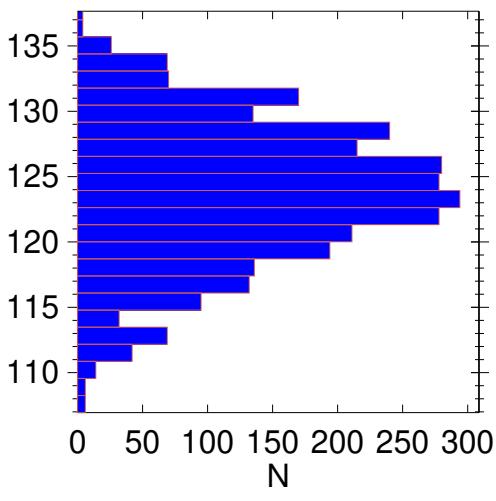
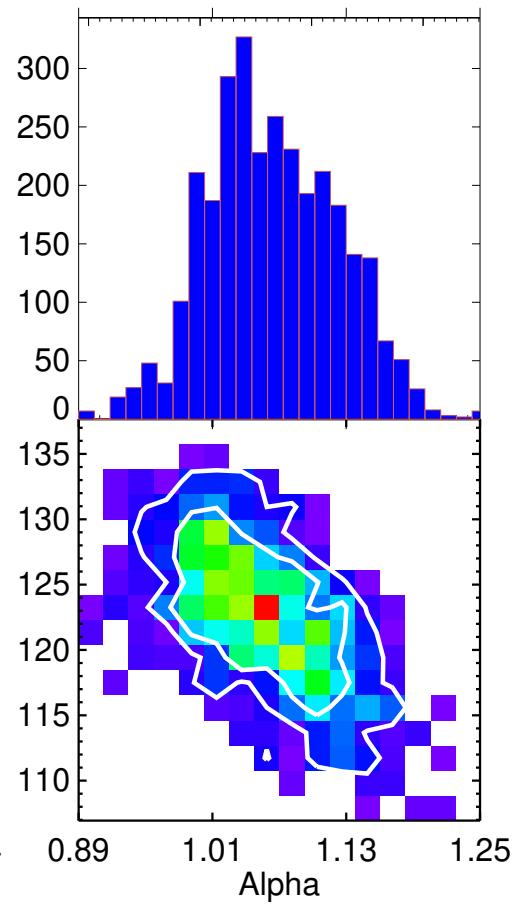


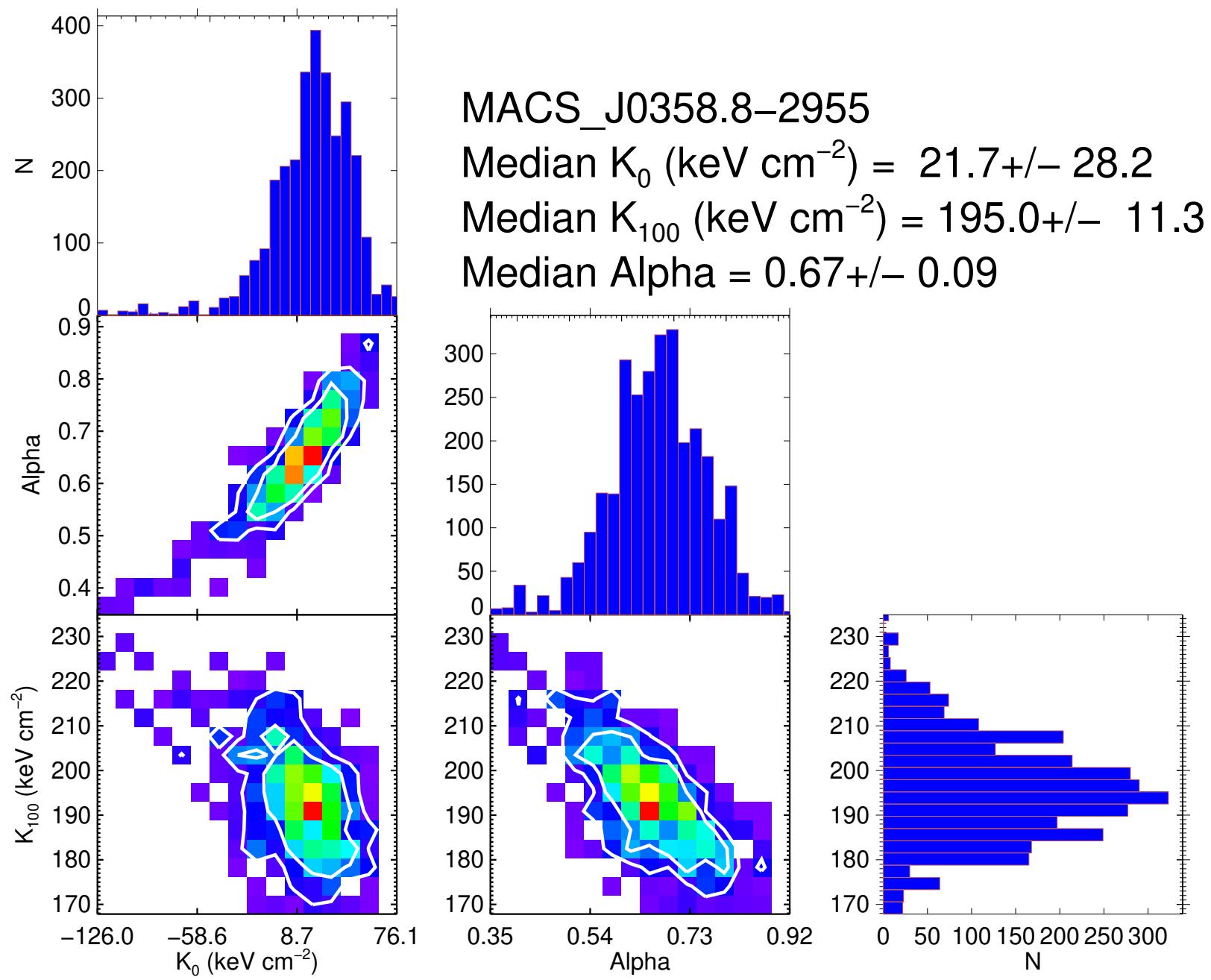


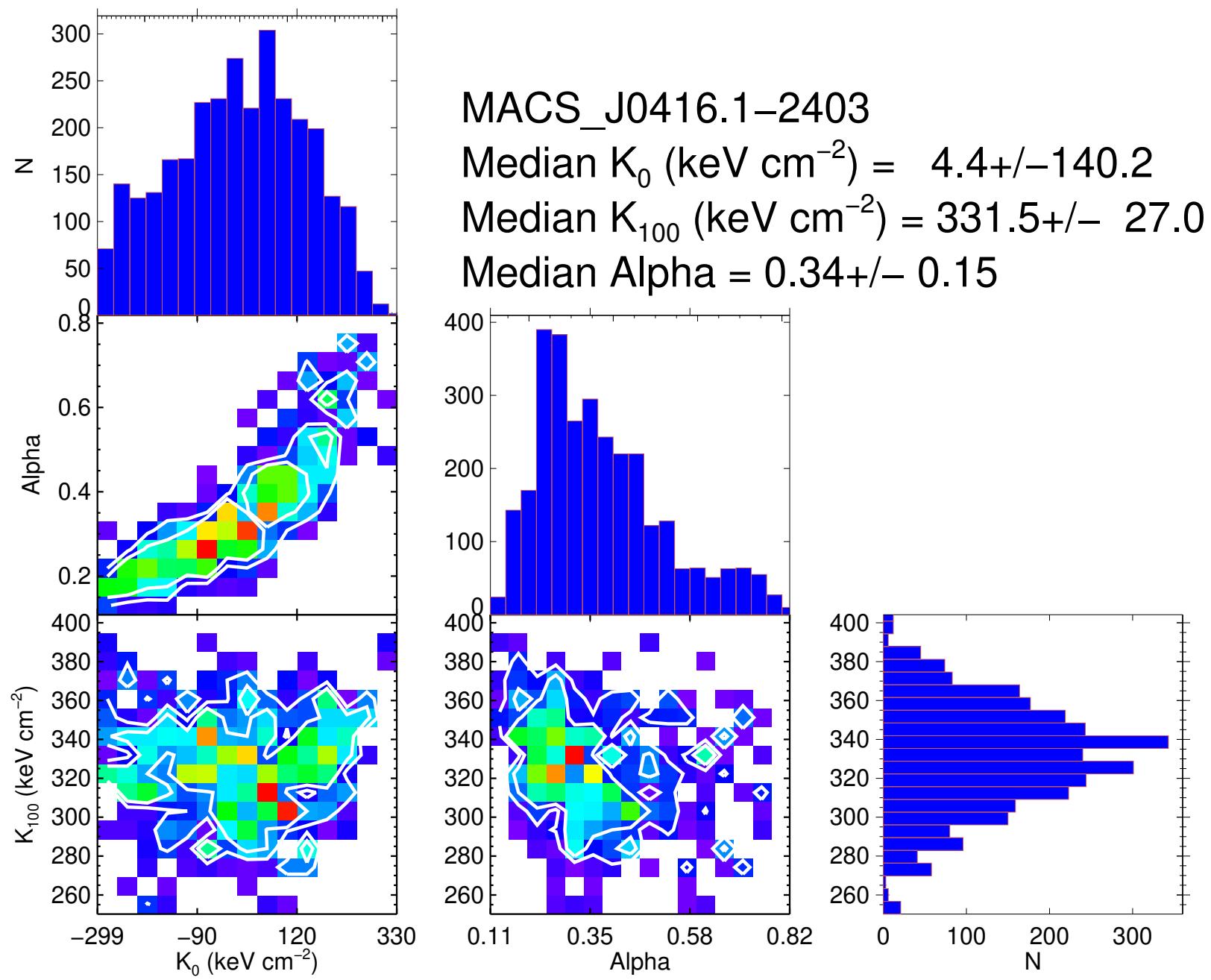


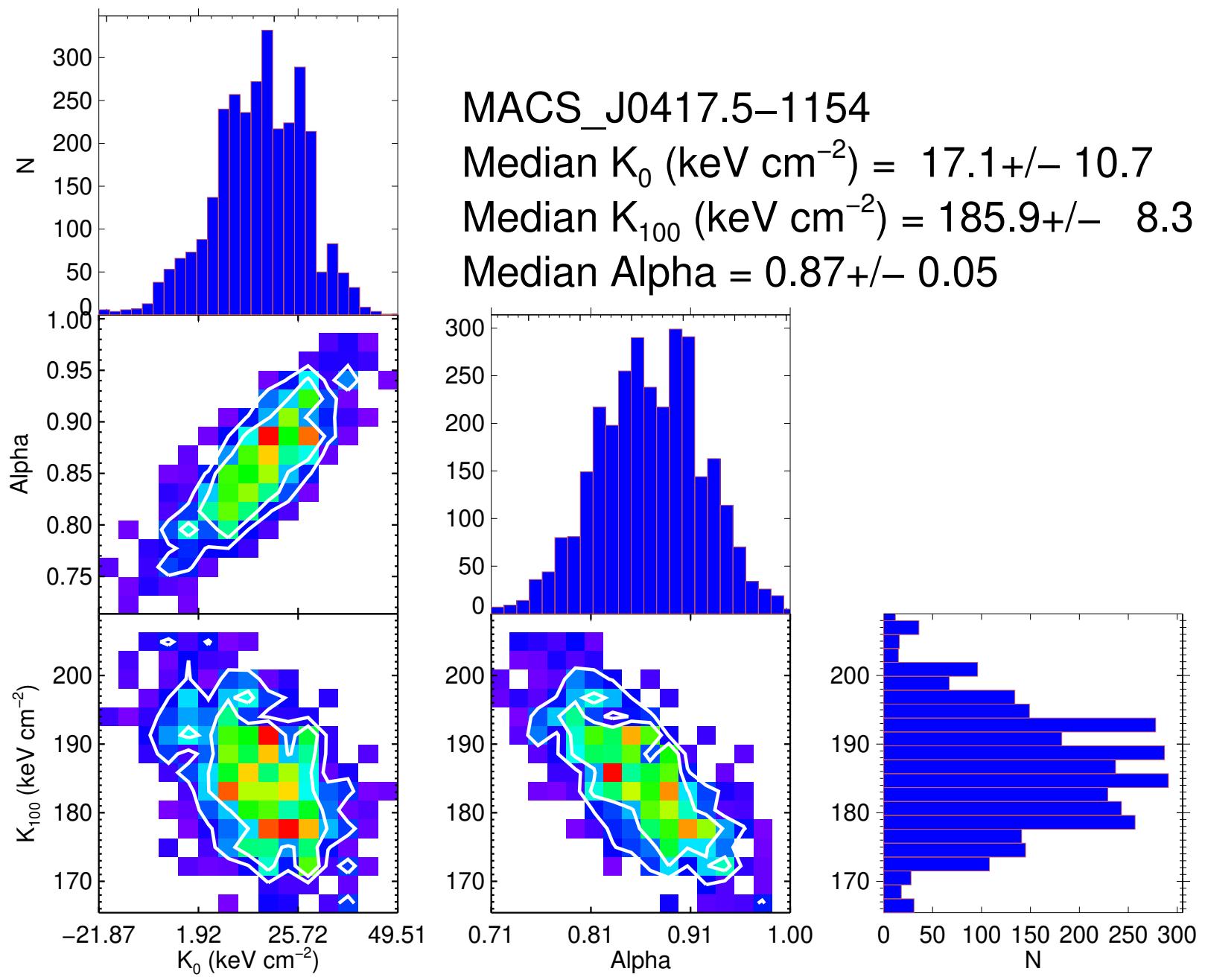


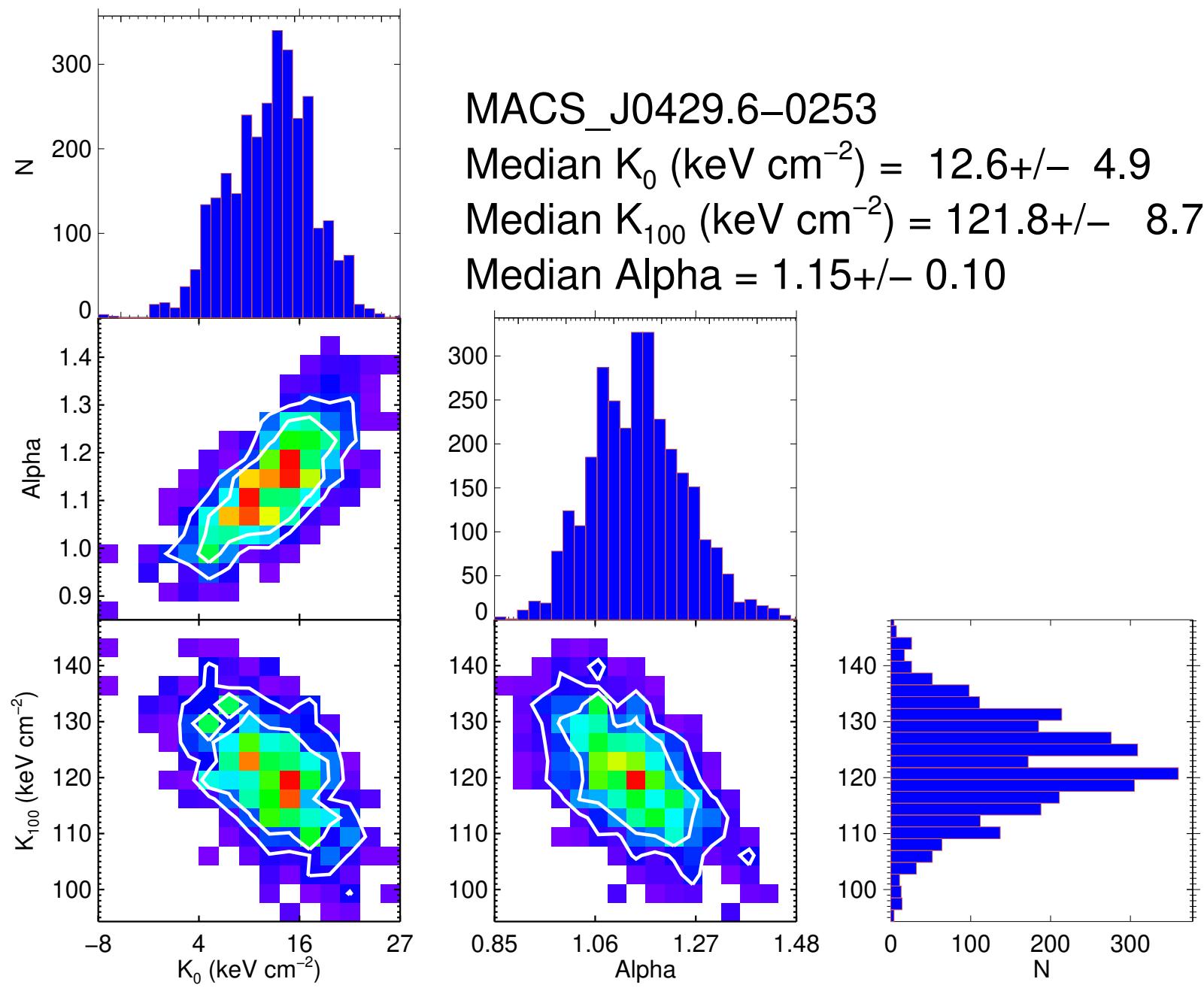
MACS_J0329.6–0211
 Median K_0 (keV cm $^{-2}$) = $3.4+/- 3.4$
 Median K_{100} (keV cm $^{-2}$) = $123.9+/- 5.4$
 Median Alpha = $1.06+/- 0.06$

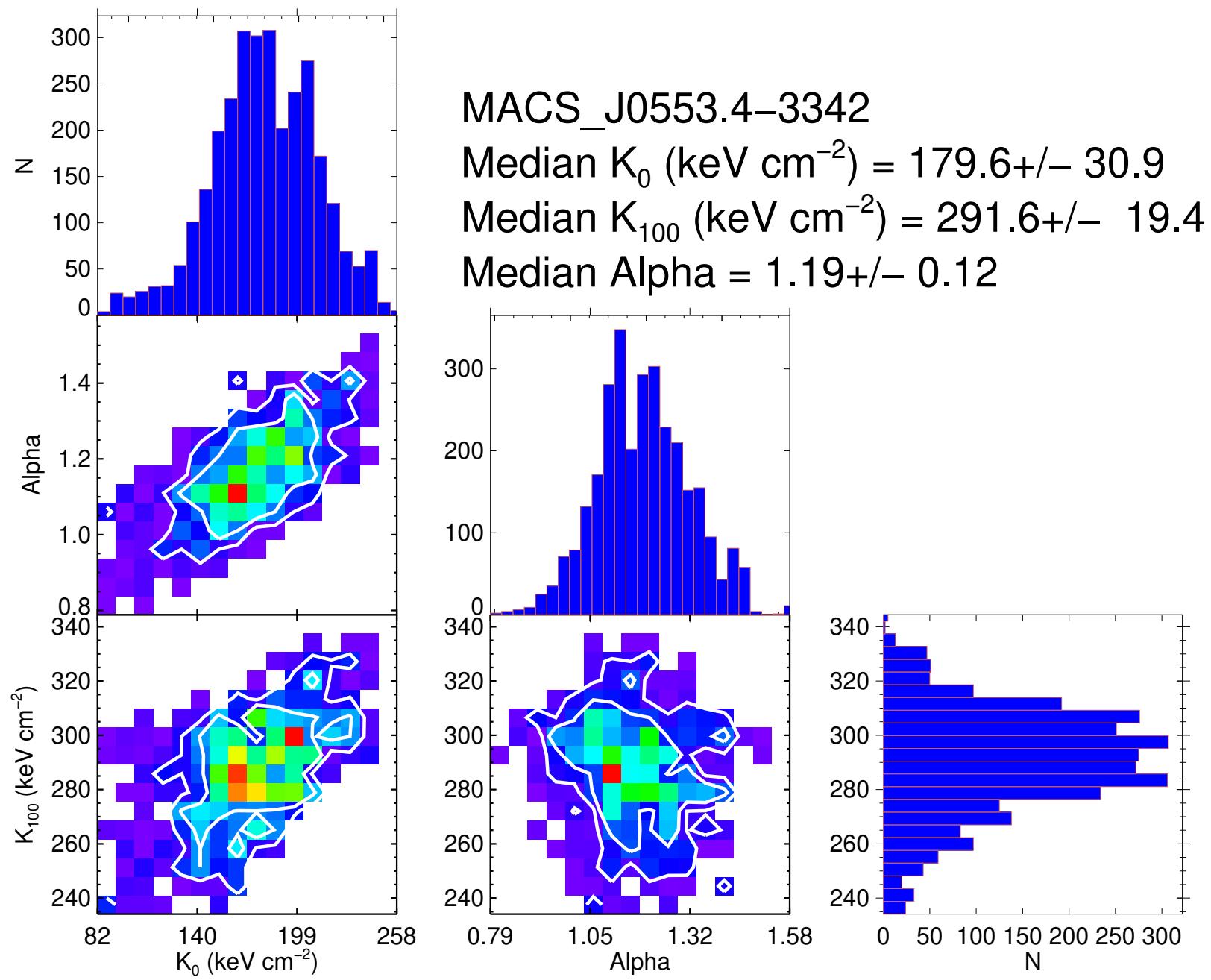


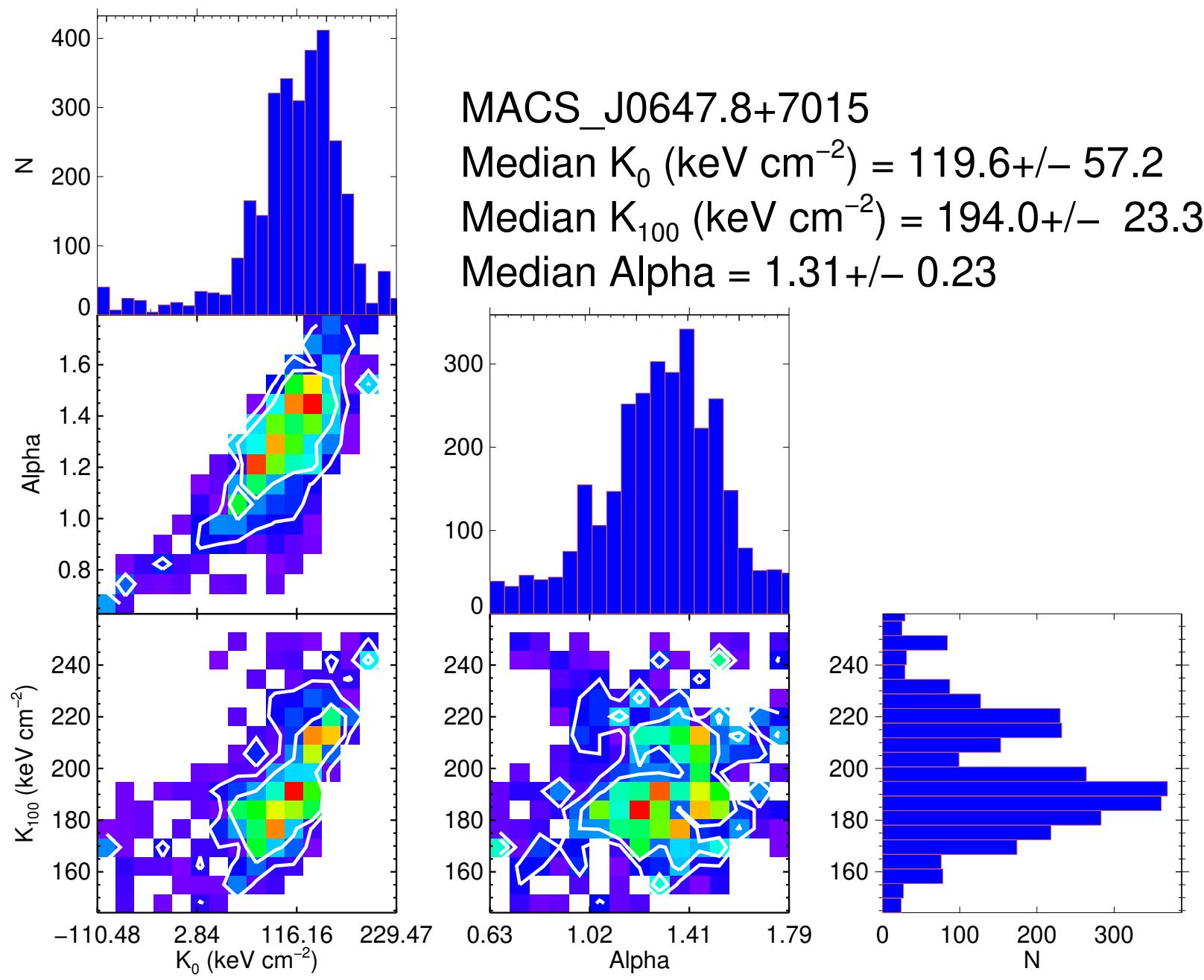


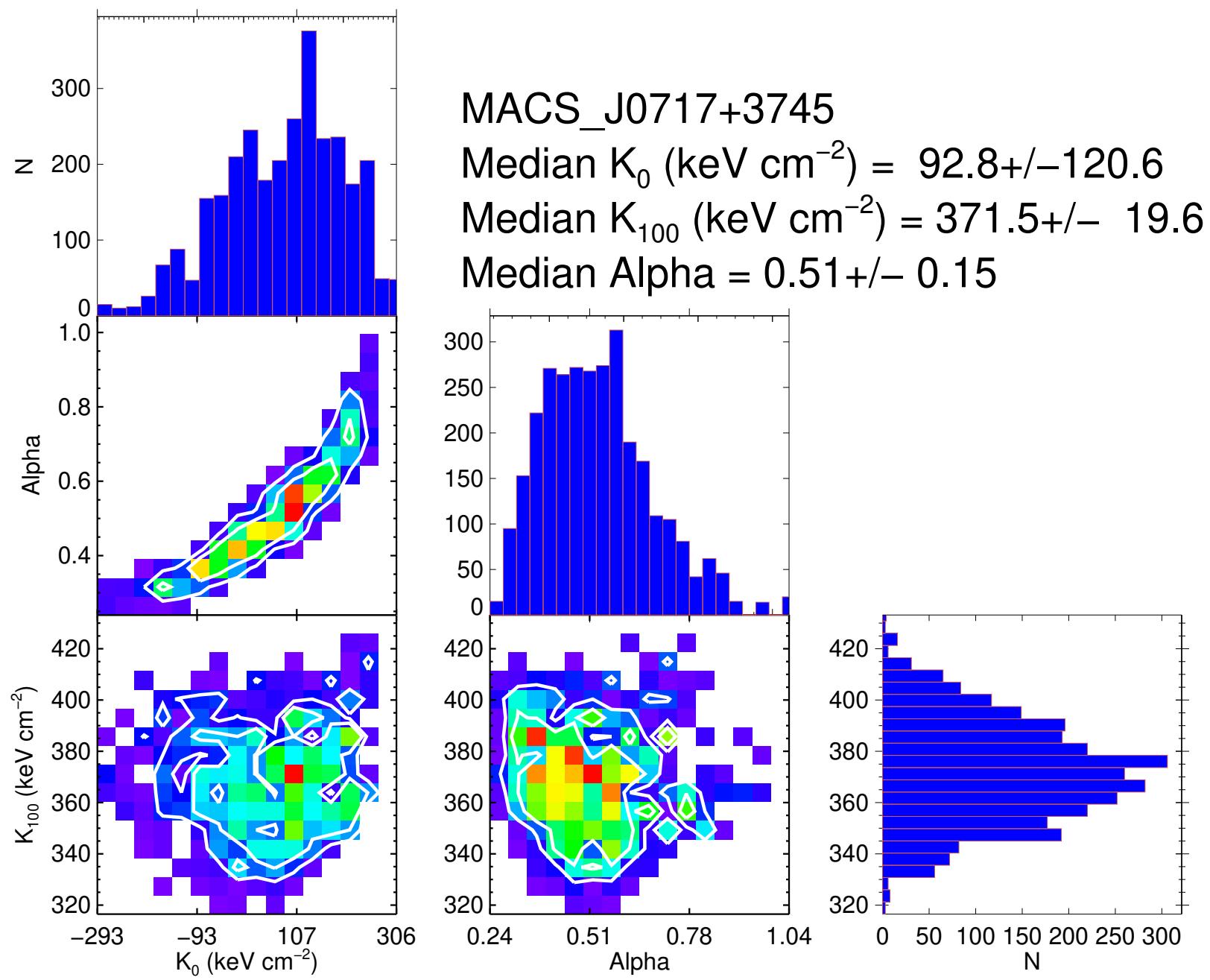


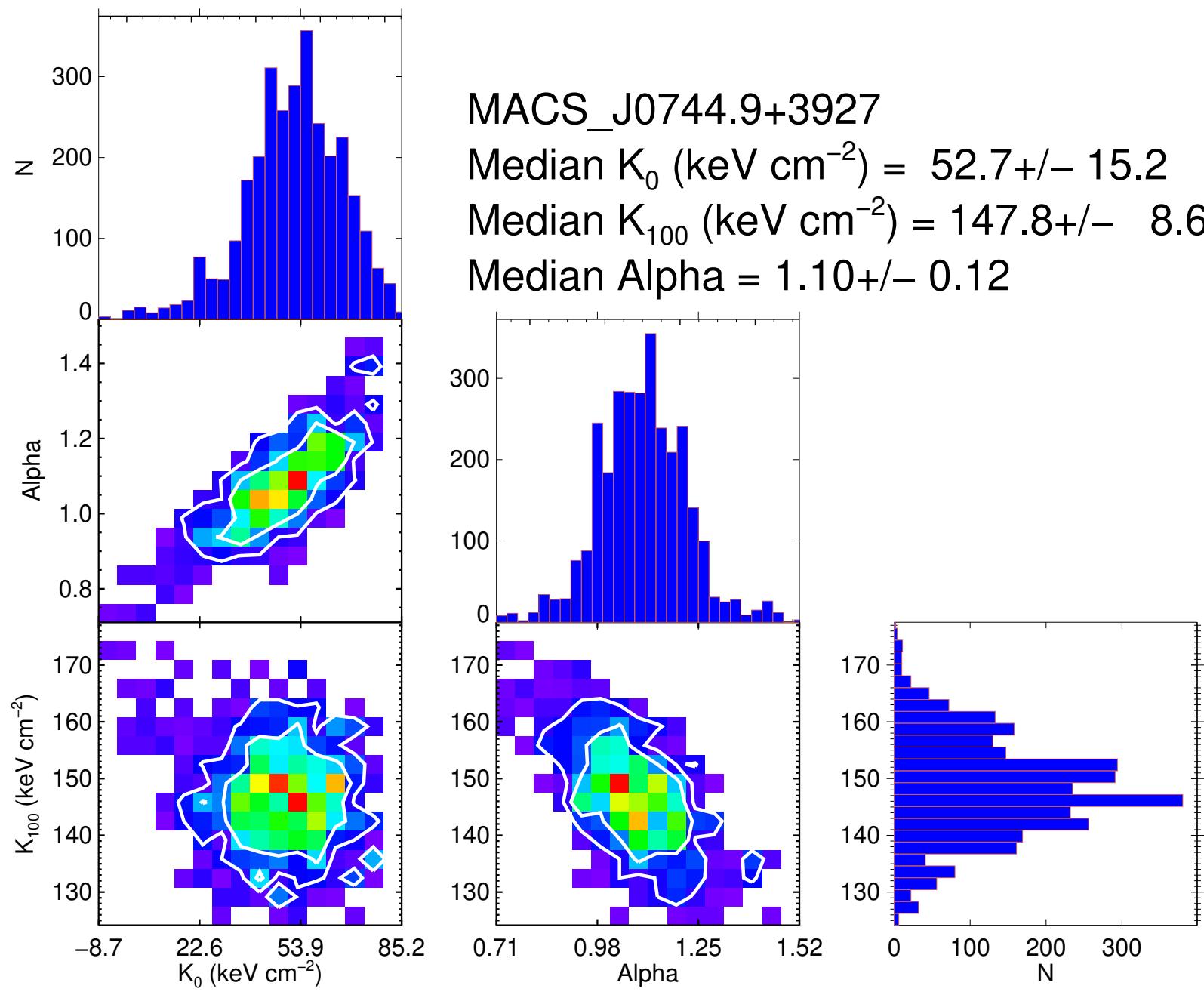


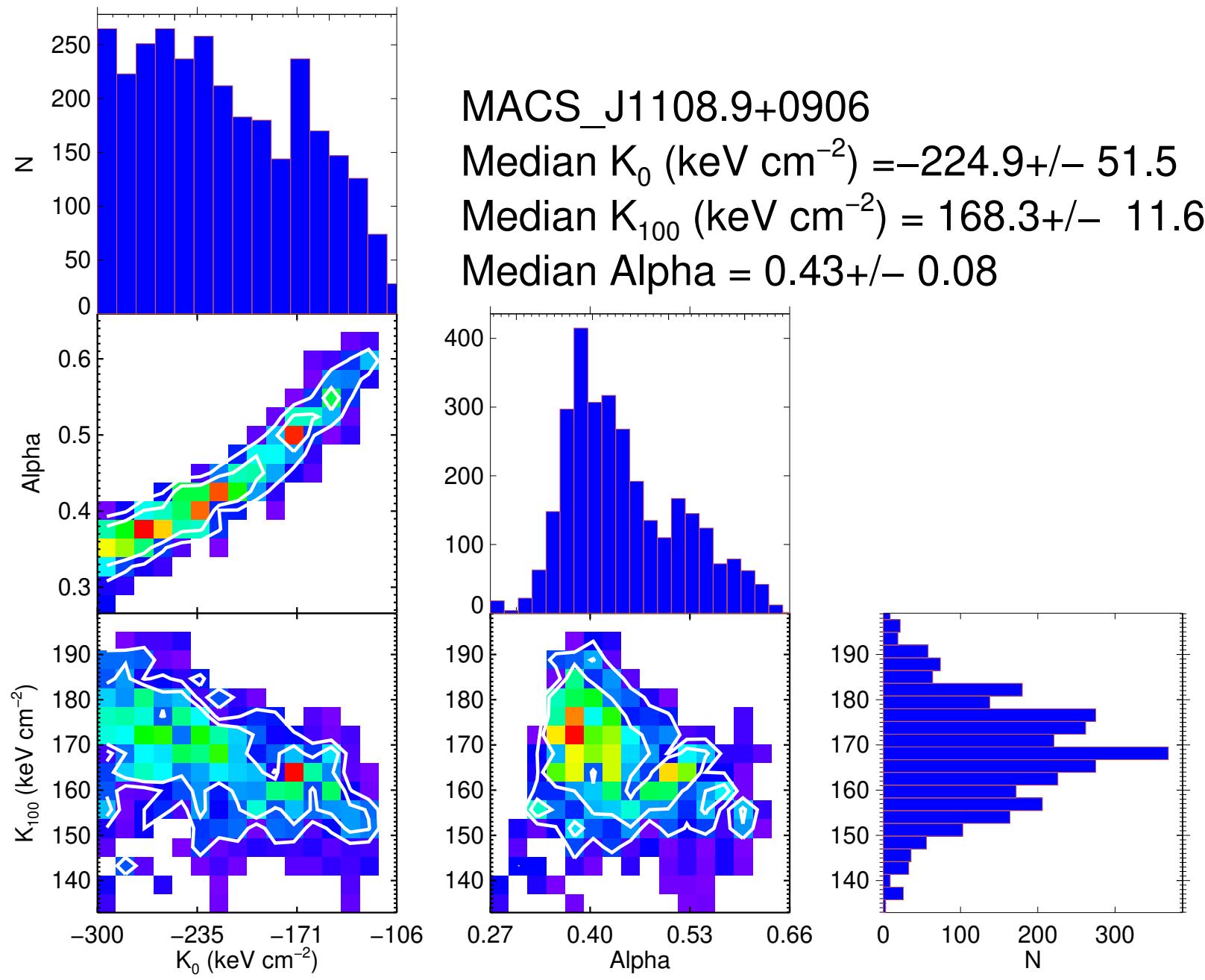


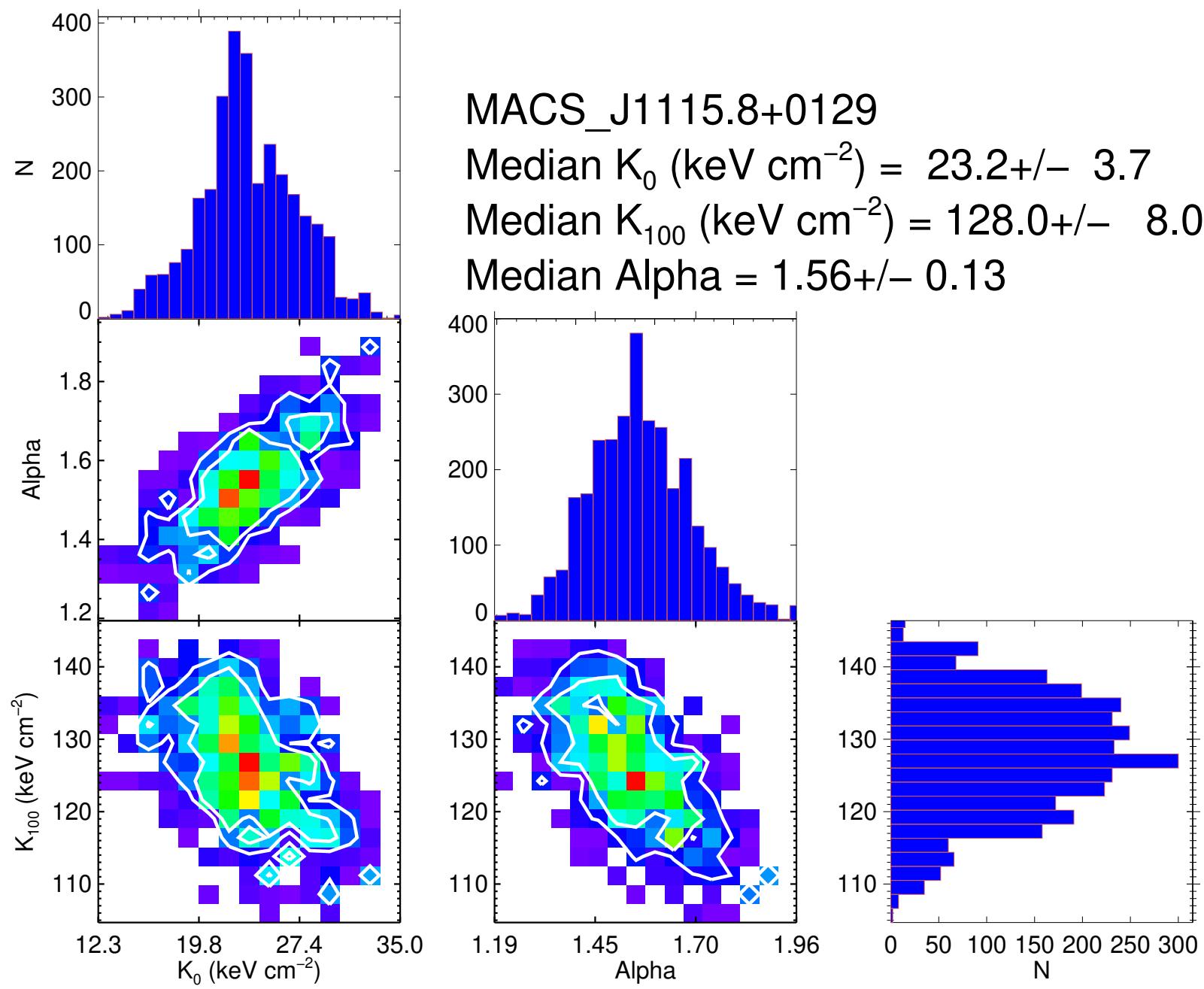




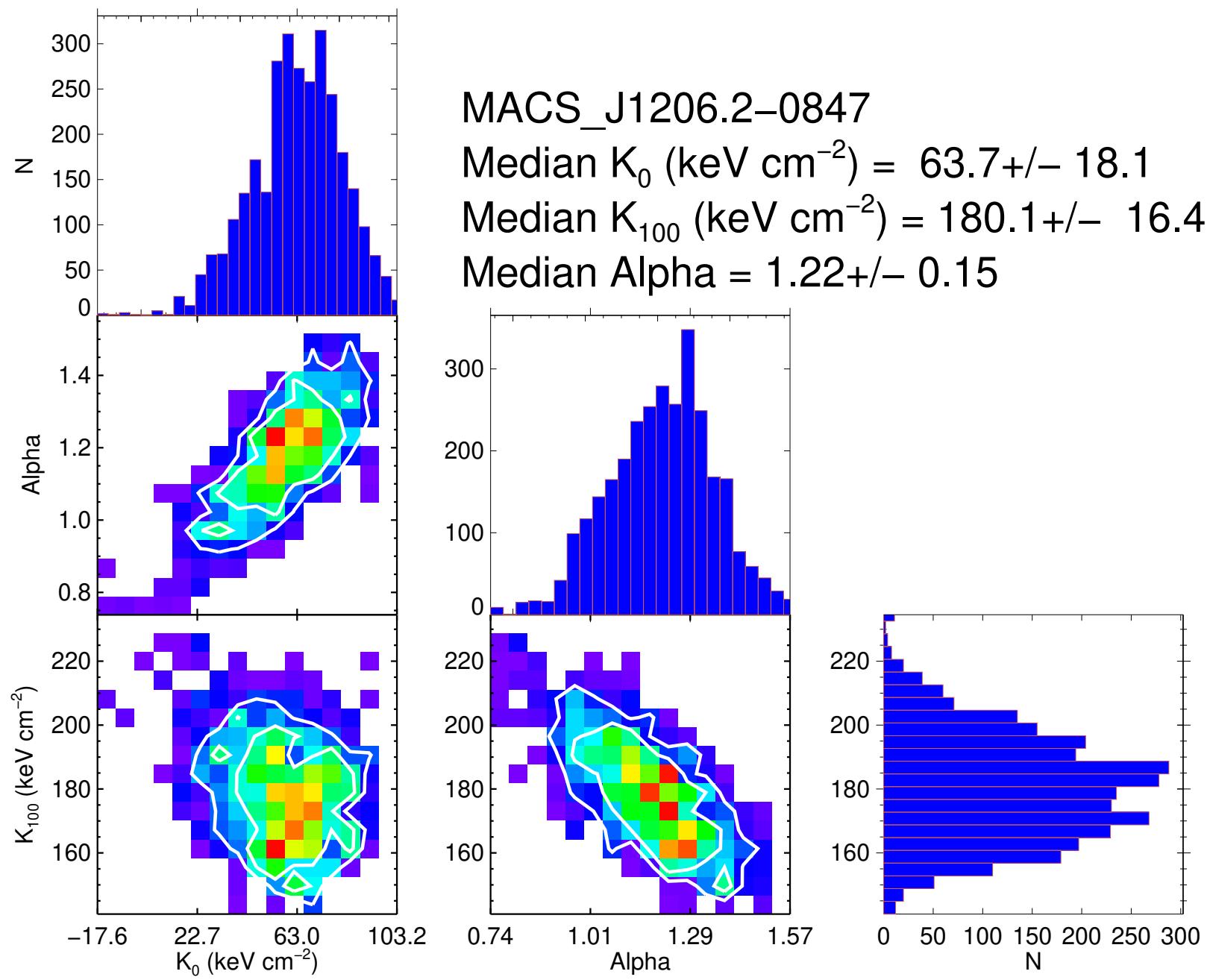


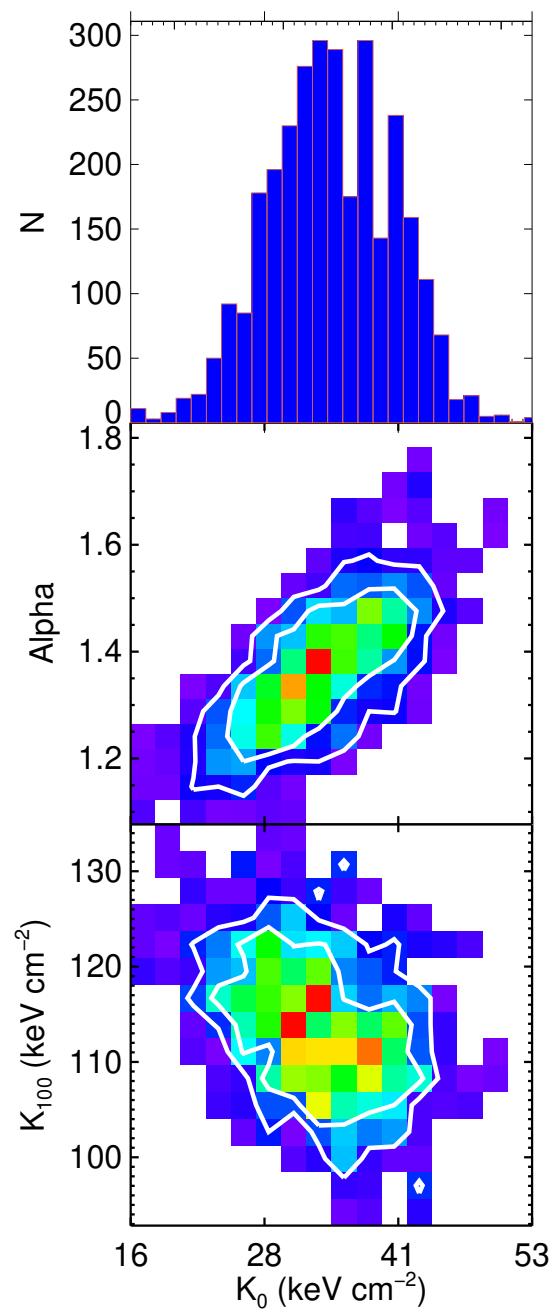




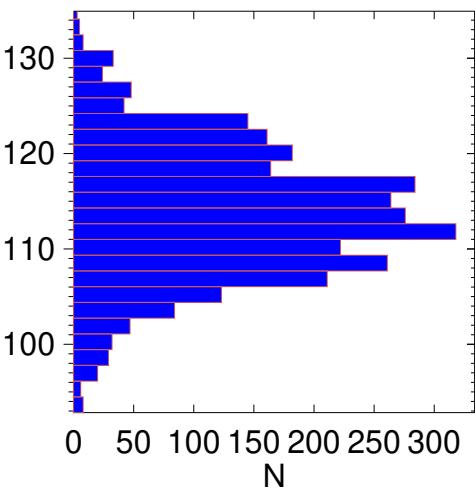
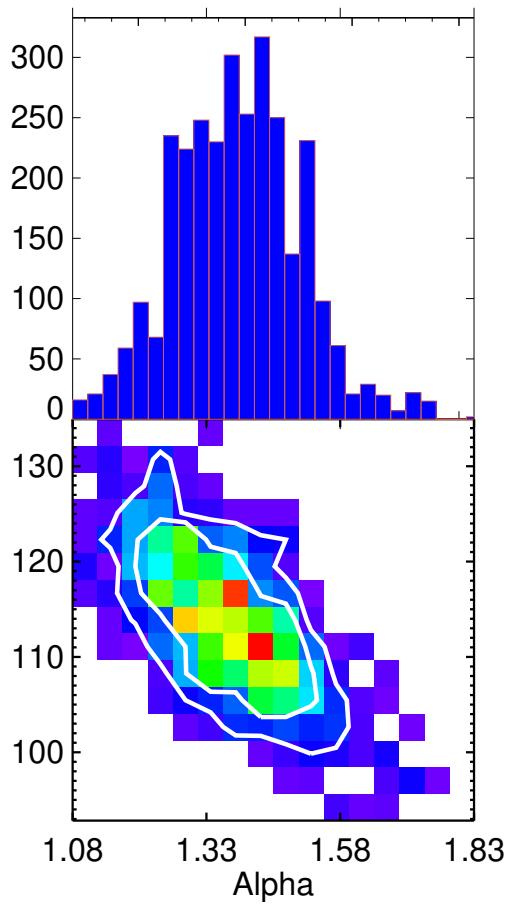


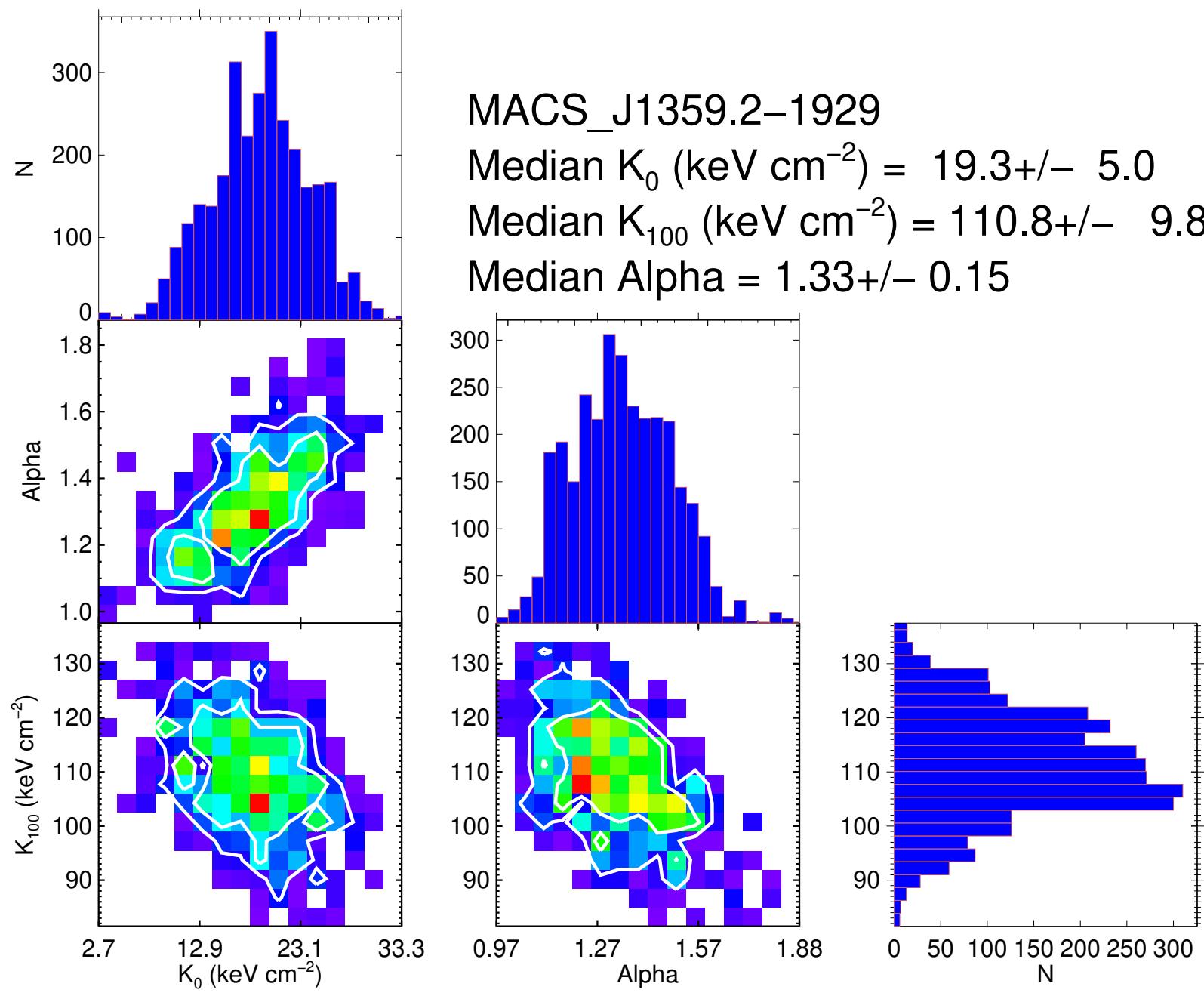
MCMC fail for K0 model fit for MACS_J1149.6+2223

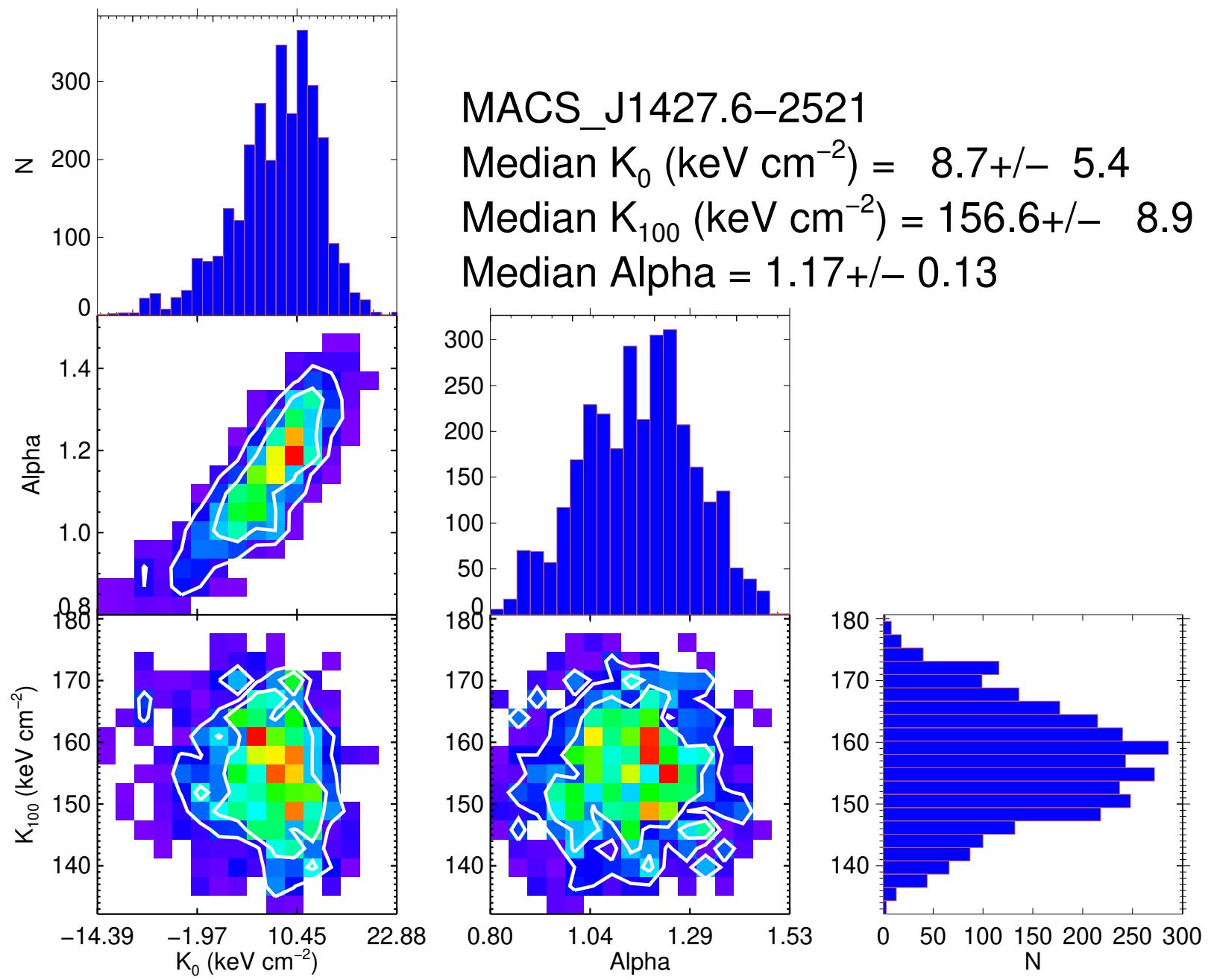


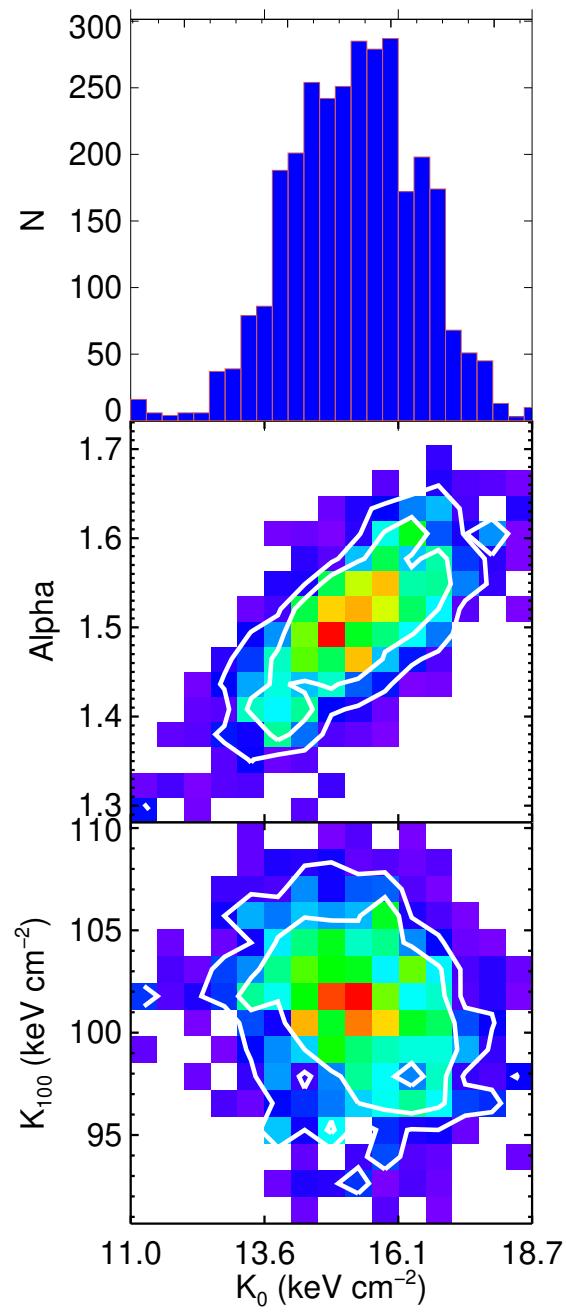


MACS_J1311.0–0311
 Median $K_0 \text{ (keV cm}^{-2}\text{)} = 34.4+/- 5.7$
 Median $K_{100} \text{ (keV cm}^{-2}\text{)} = 113.6+/- 6.8$
 Median Alpha = $1.38+/- 0.12$

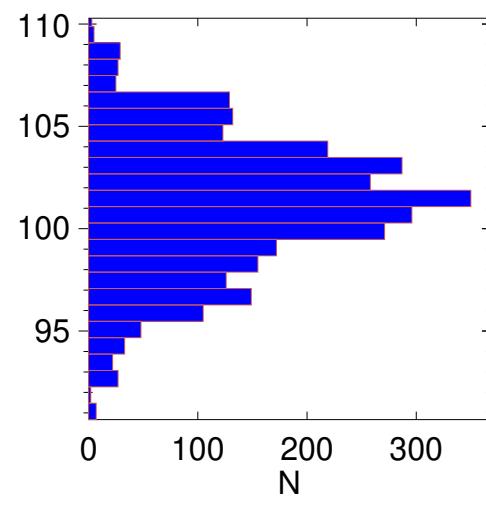
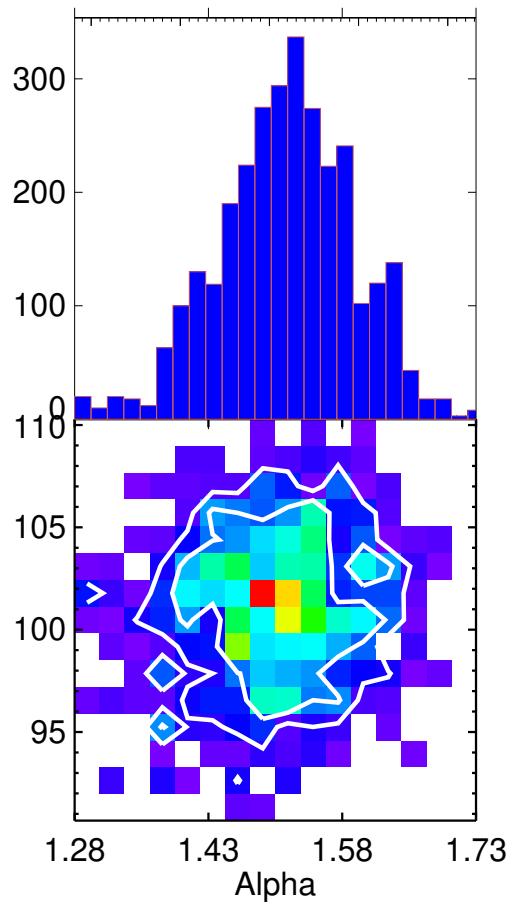


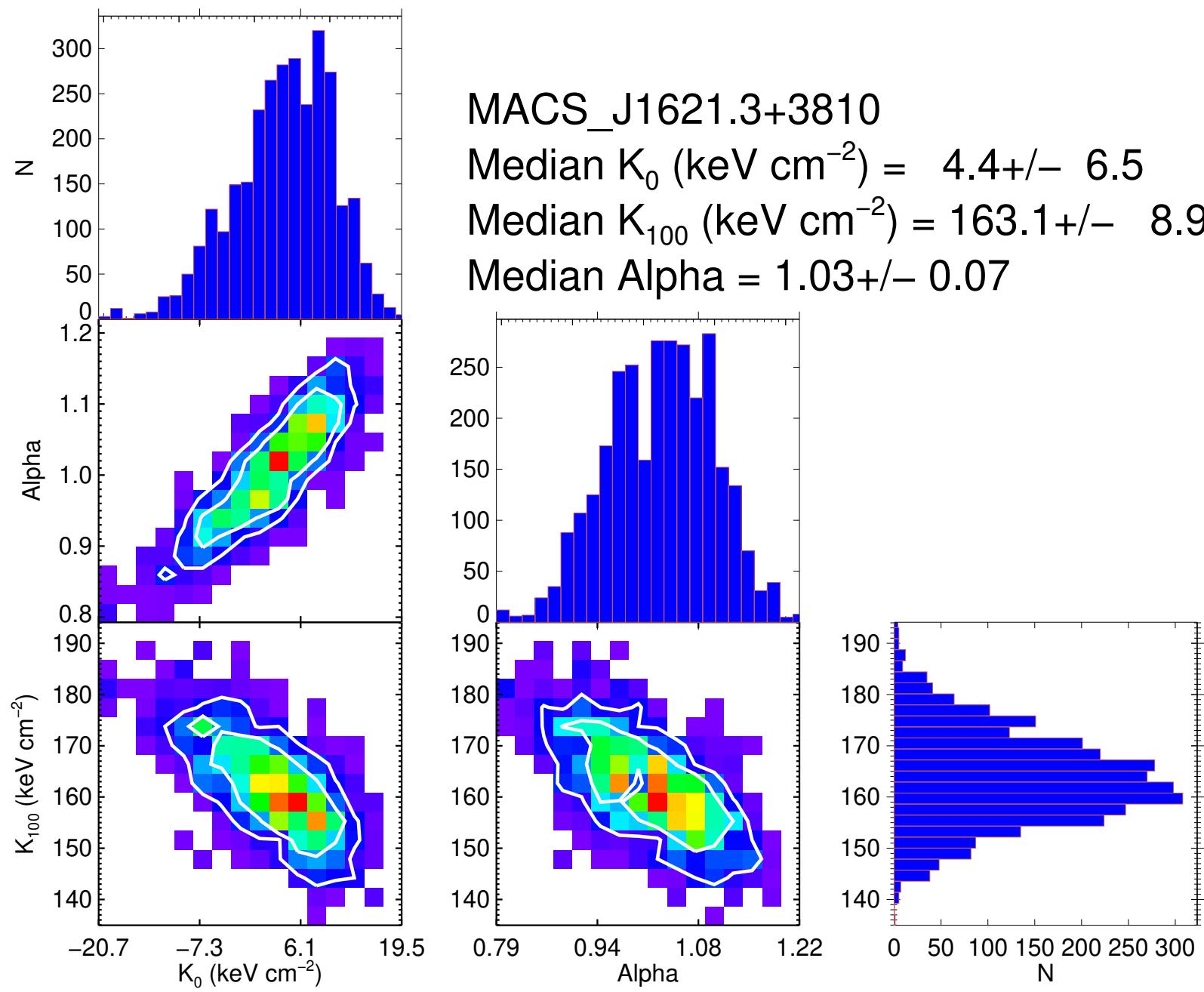


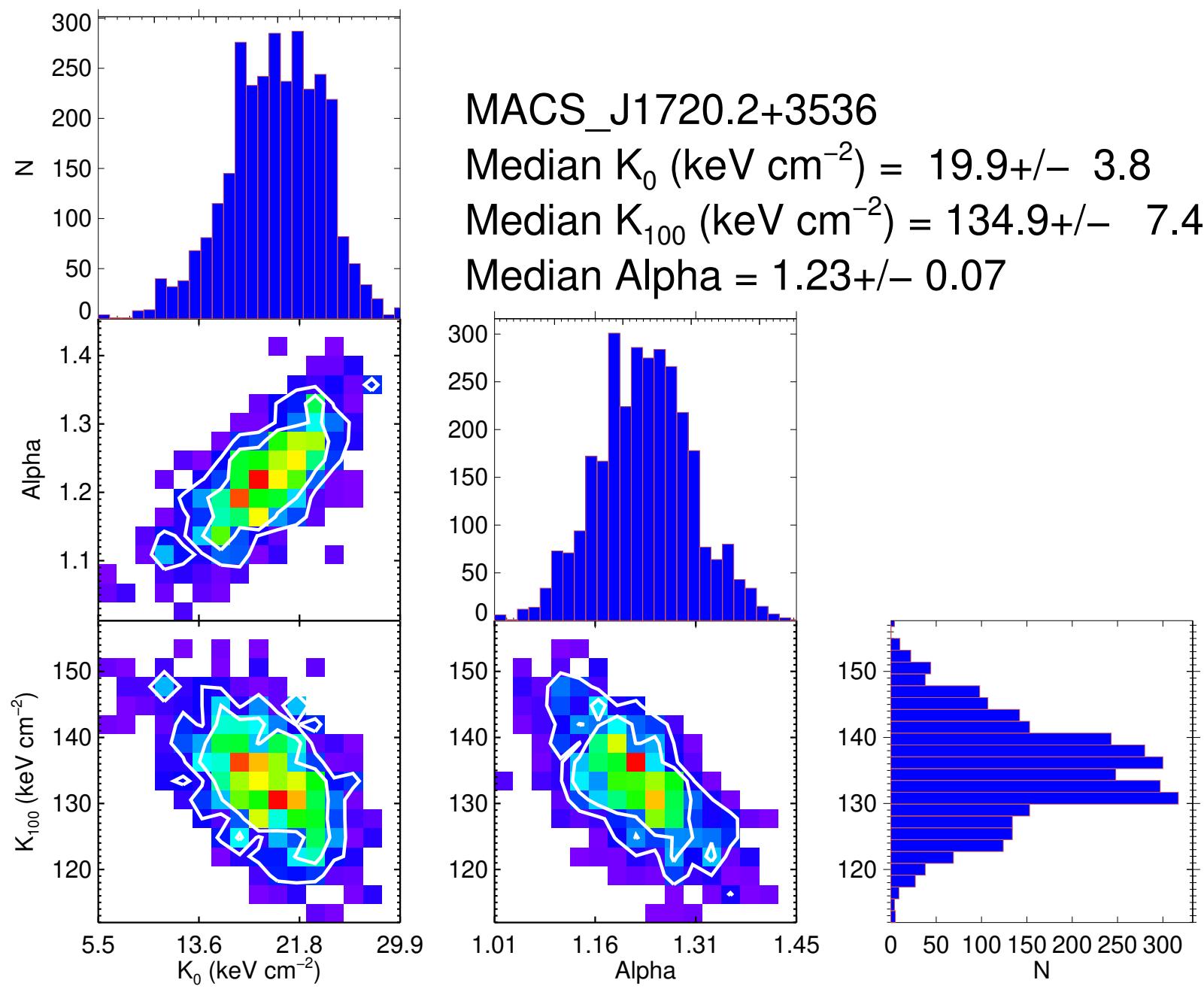


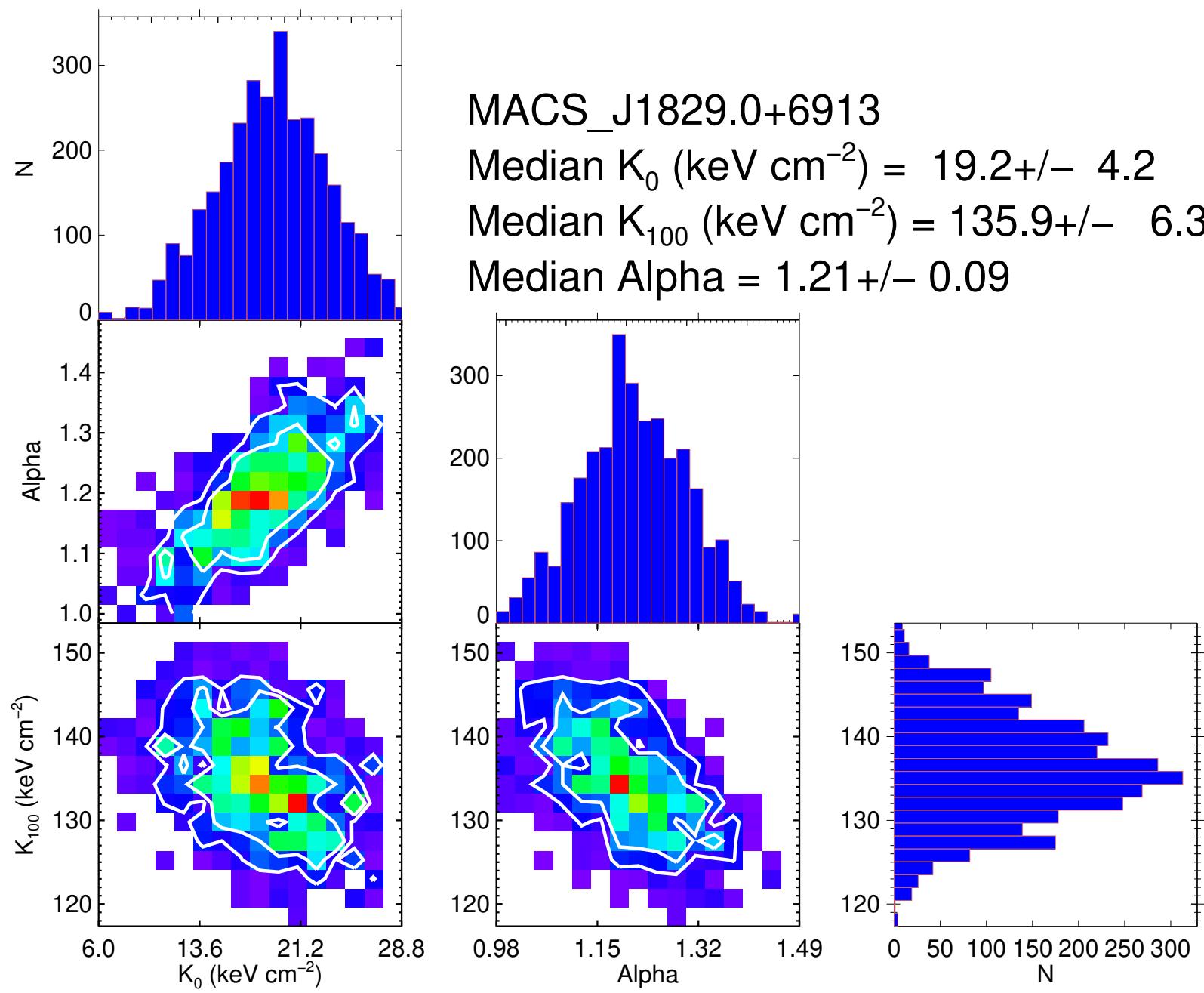


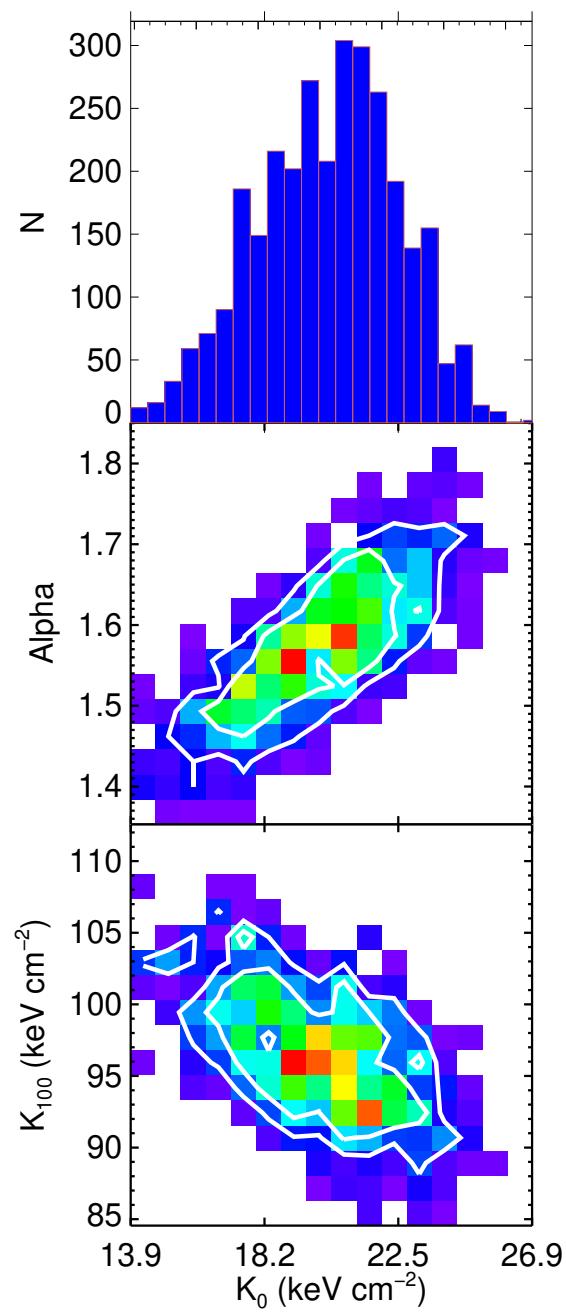
MACS_J1532.8+3021
 Median K_0 (keV cm $^{-2}$) = 15.3+/- 1.3
 Median K_{100} (keV cm $^{-2}$) = 101.3+/- 3.3
 Median Alpha = 1.52+/- 0.08



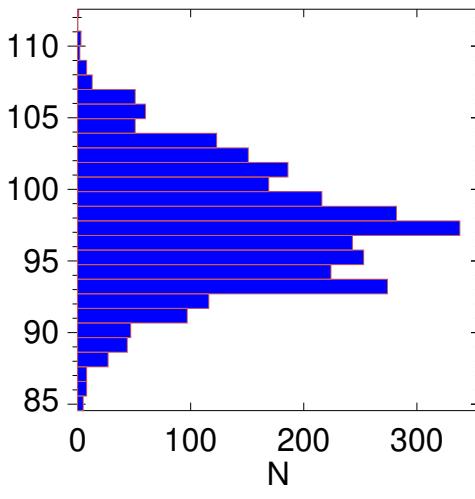
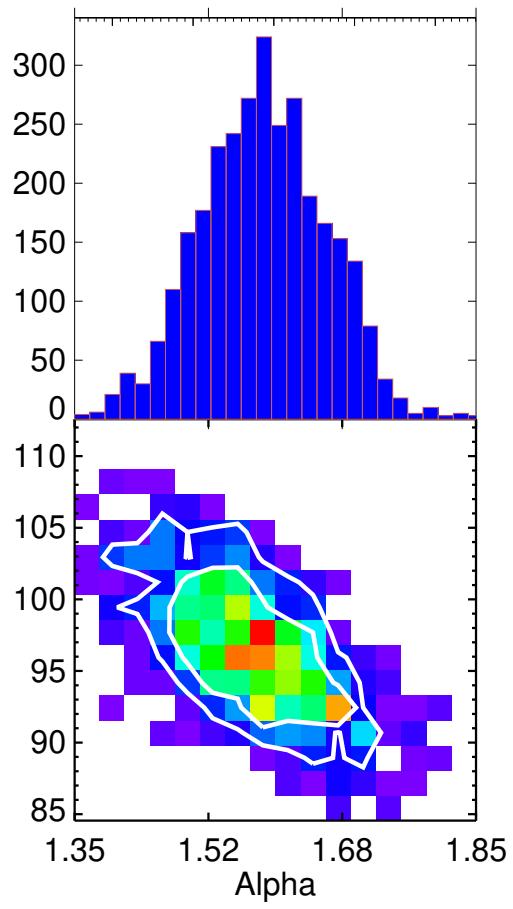


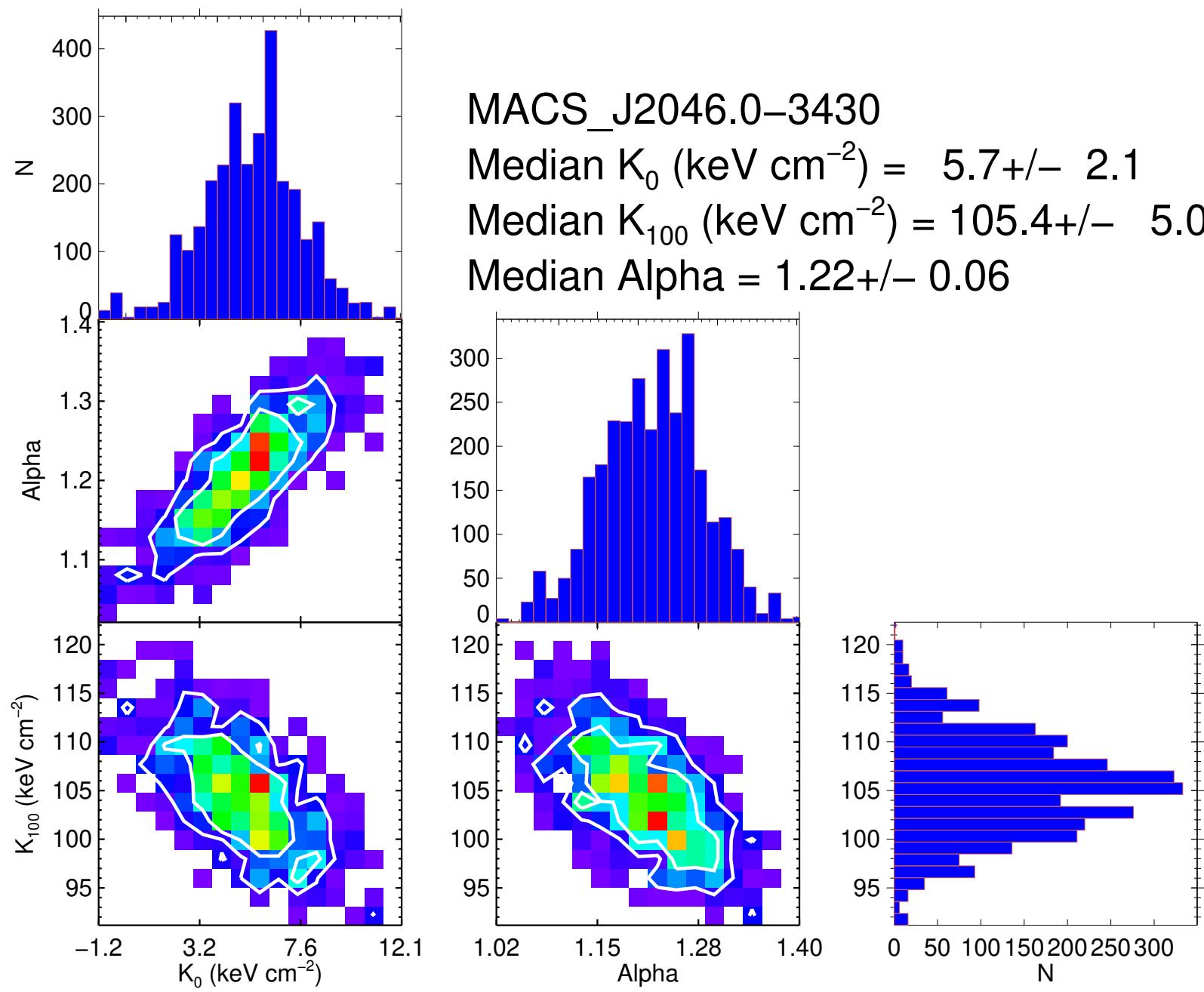


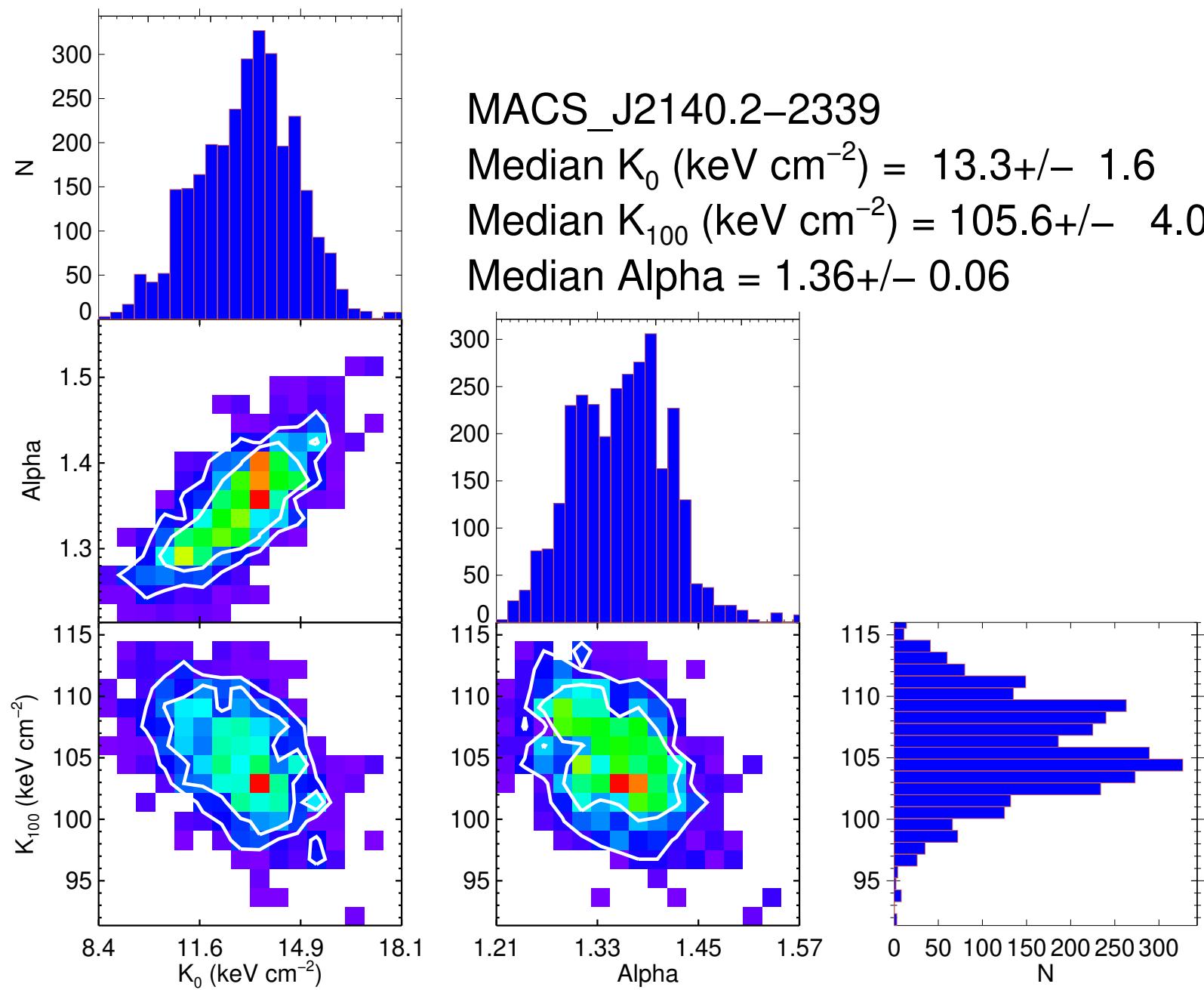


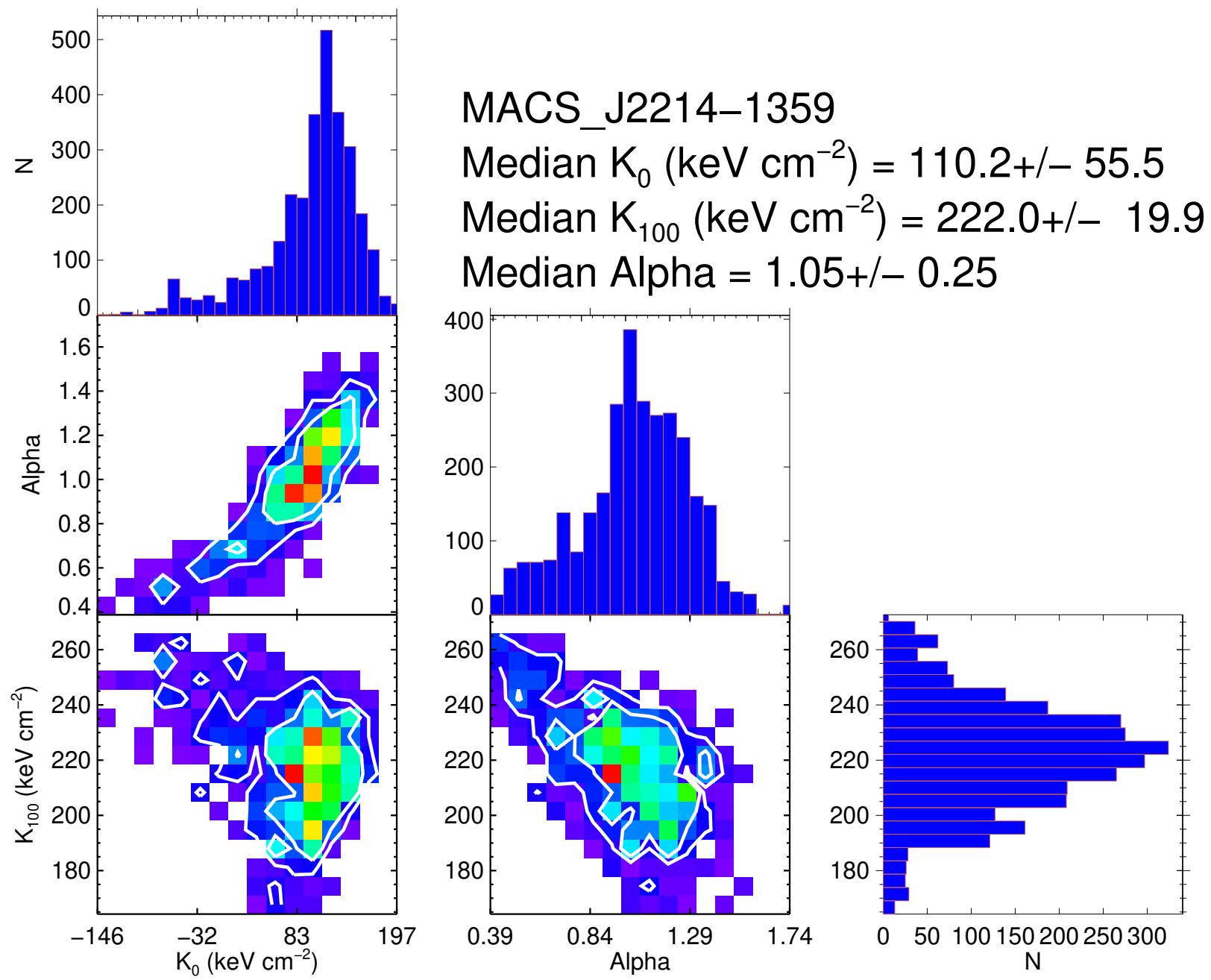


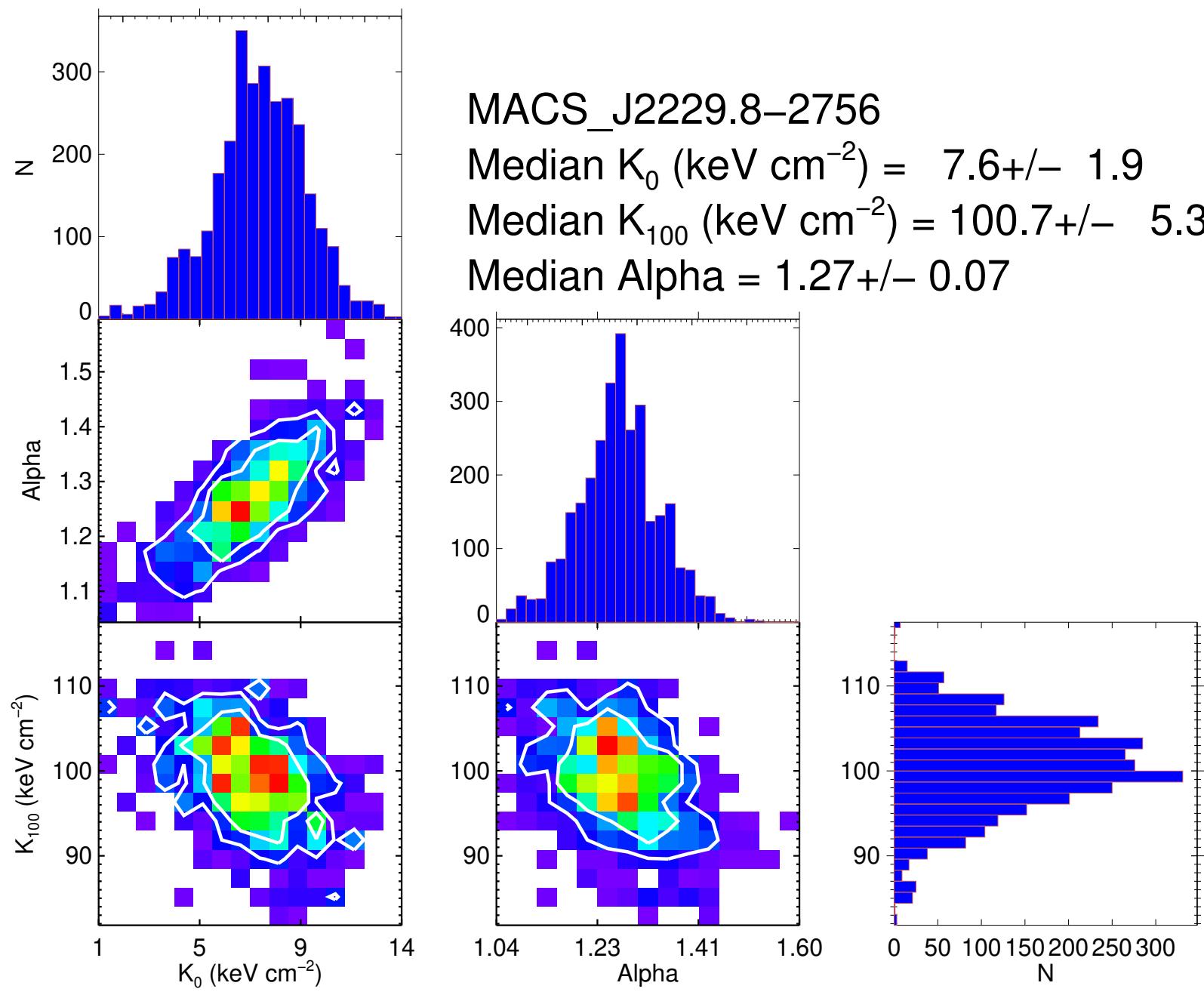
MACS_J1931.8–2635
 Median K_0 (keV cm $^{-2}$) = 20.5+/- 2.3
 Median K_{100} (keV cm $^{-2}$) = 97.4+/- 4.2
 Median Alpha = 1.59+/- 0.08

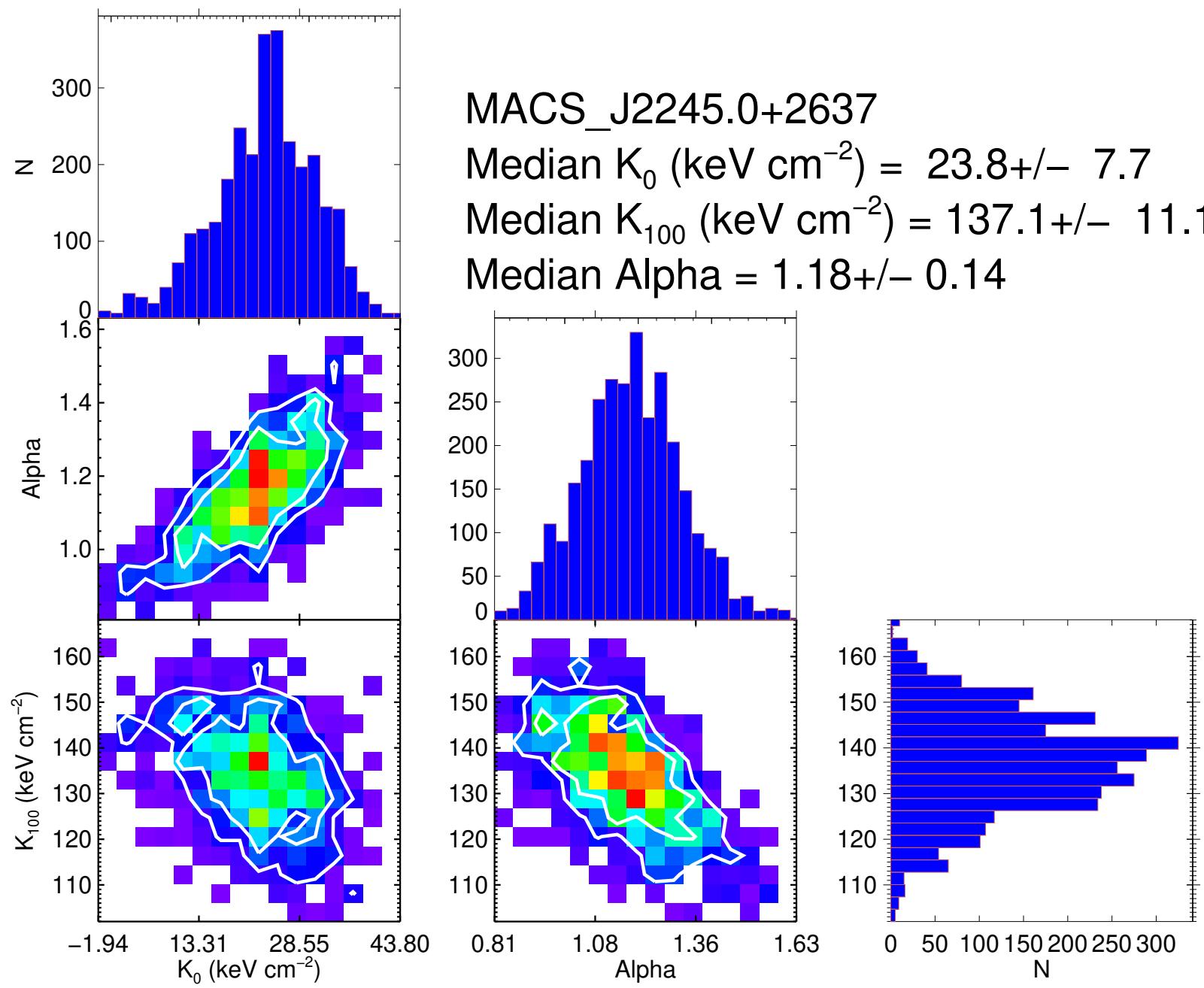


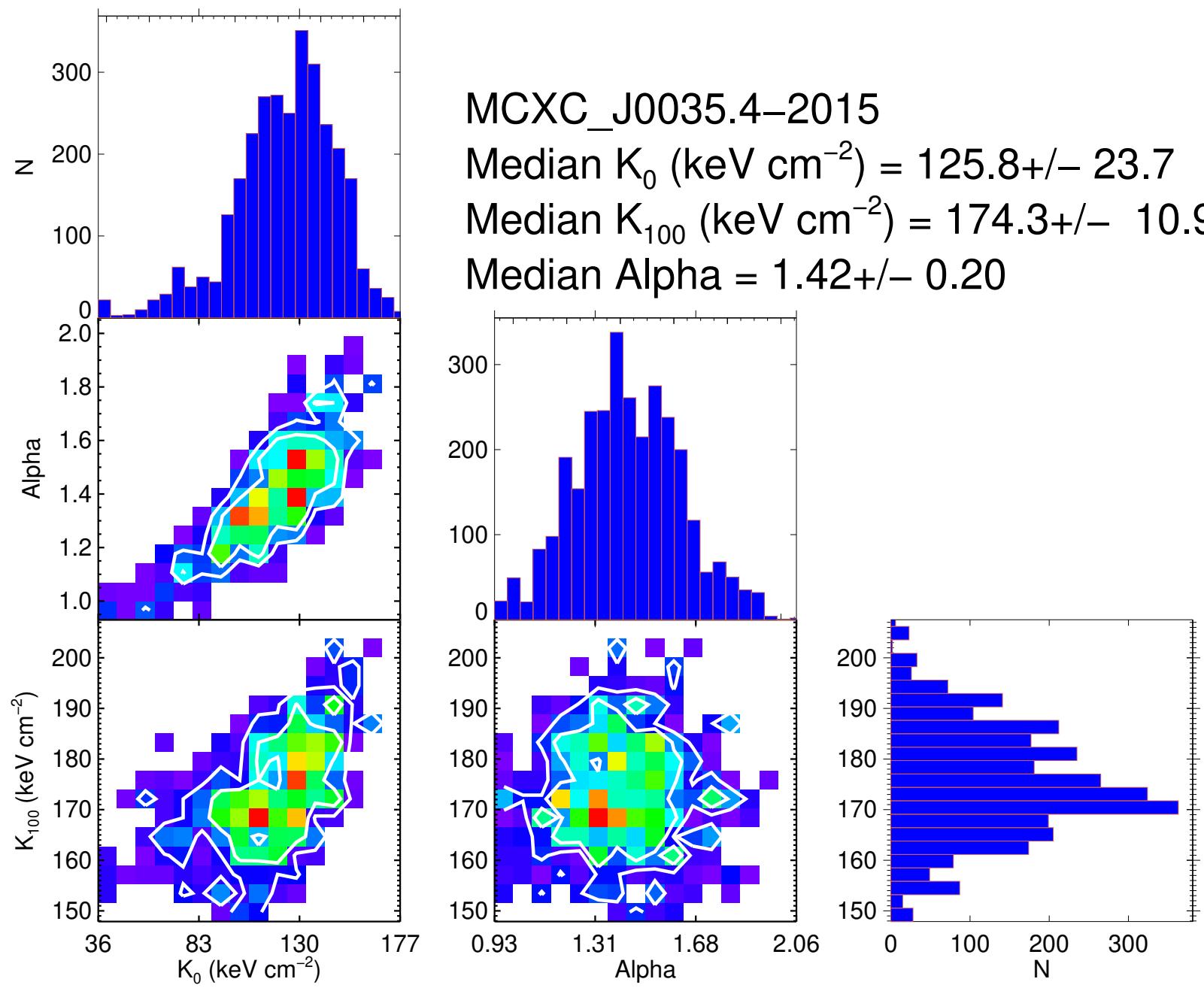


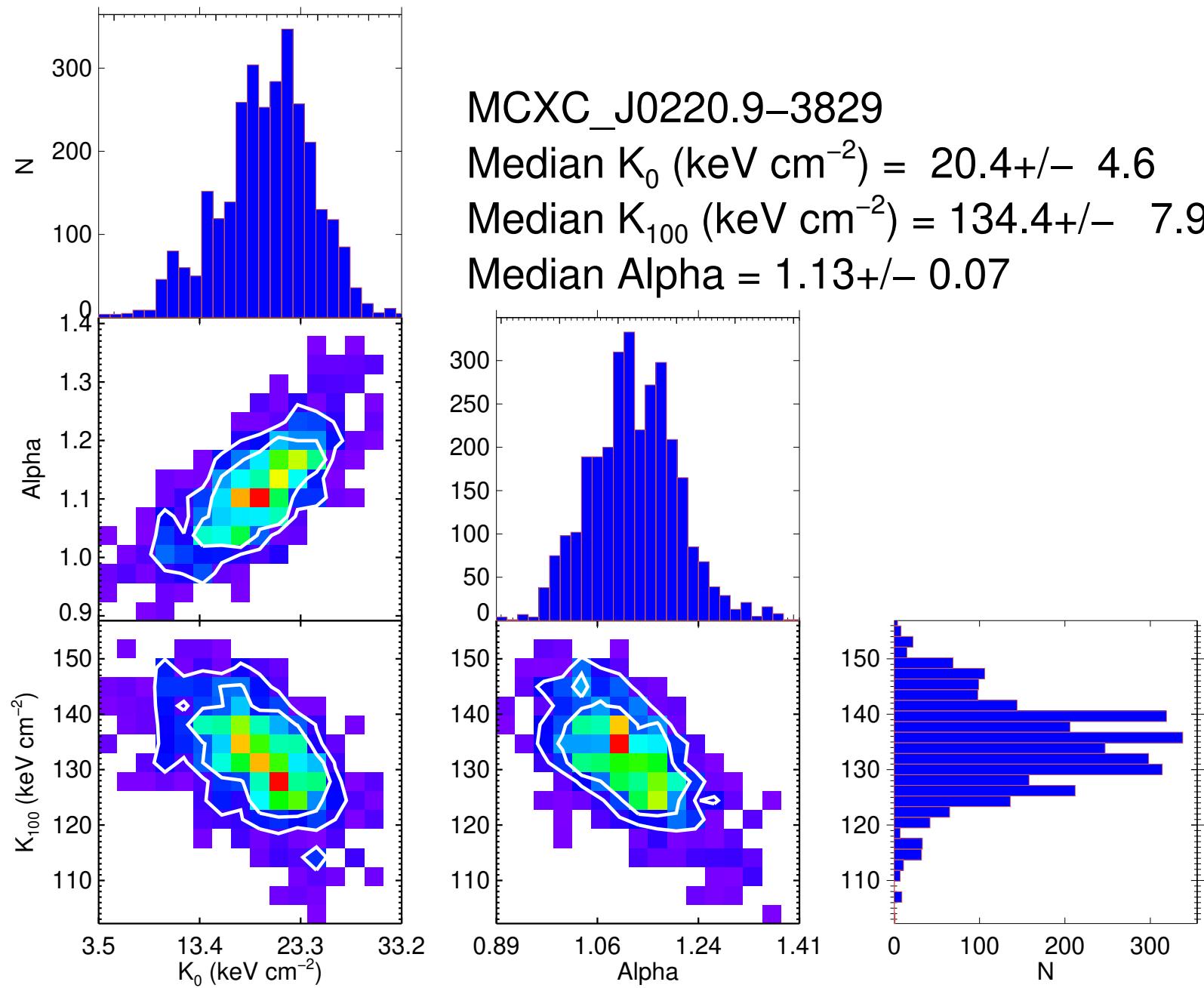


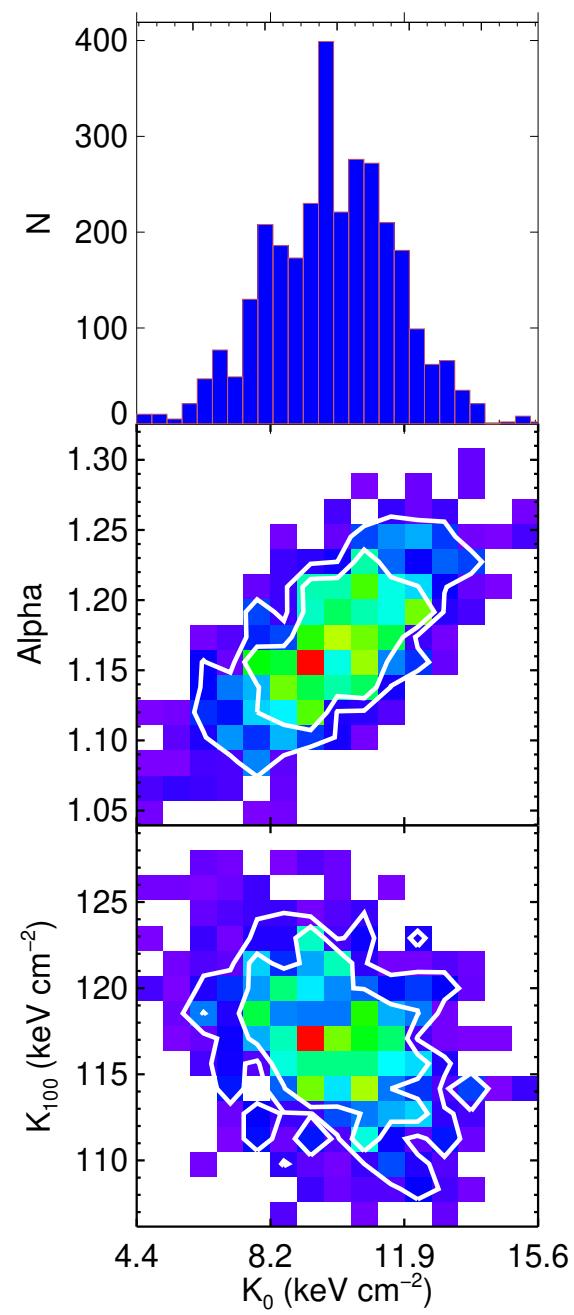




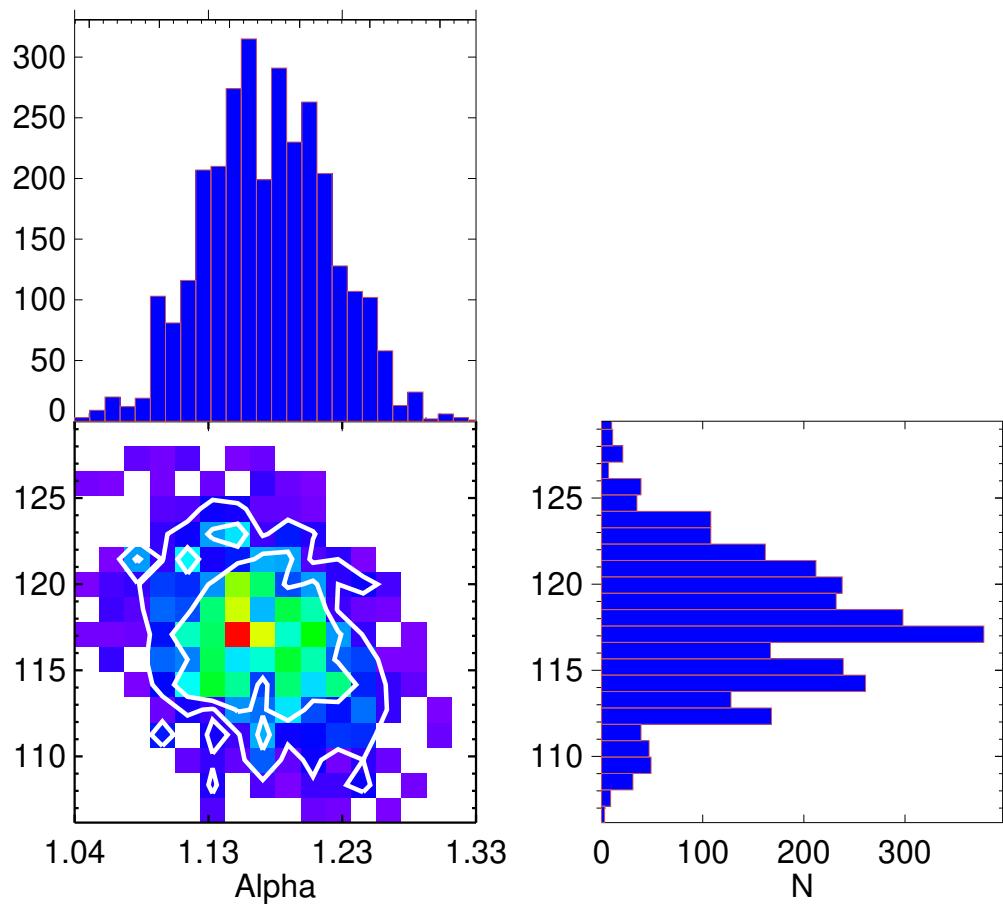


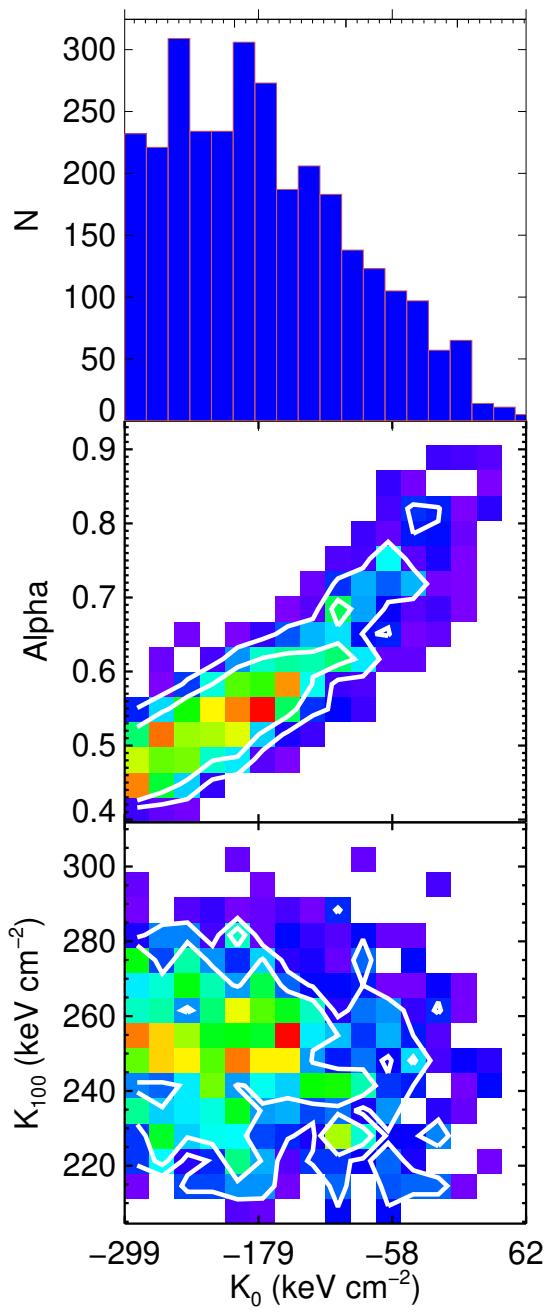




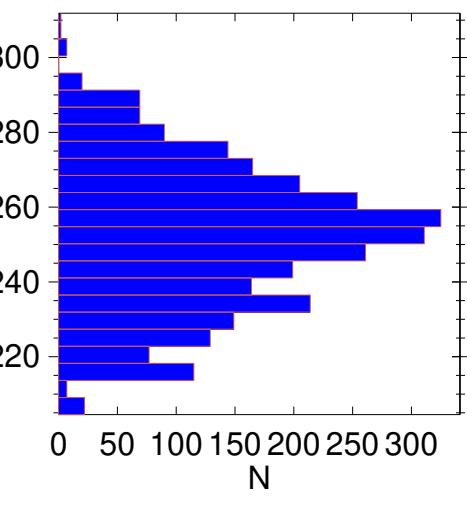
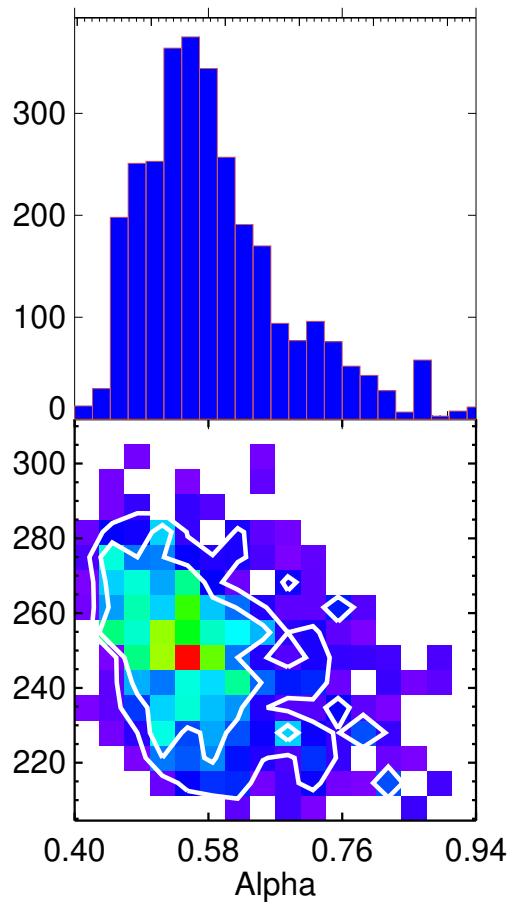


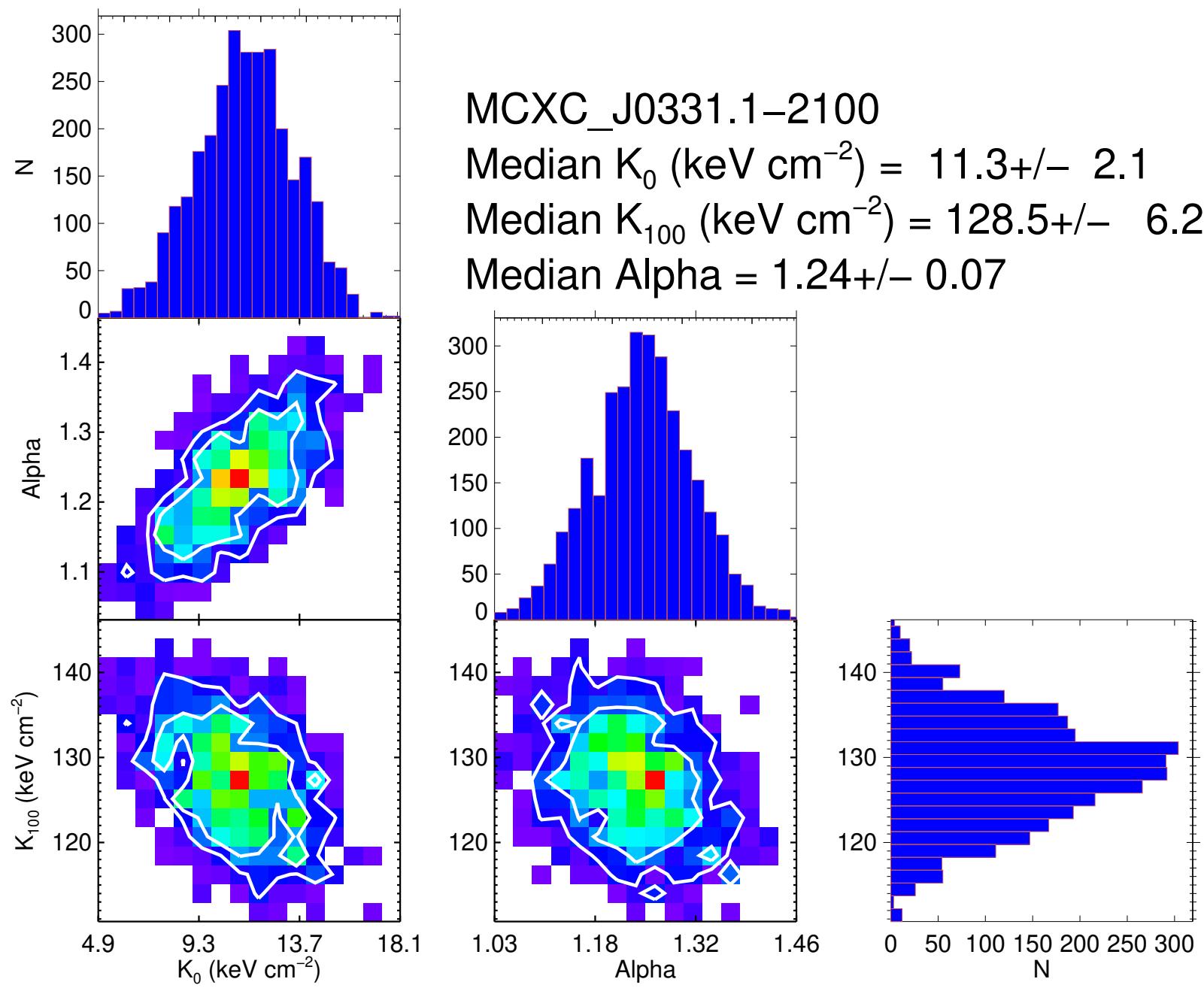
MCXC_J0301.6+0155
 Median K_0 (keV cm $^{-2}$) = 9.8+/- 1.7
 Median K_{100} (keV cm $^{-2}$) = 117.4+/- 3.9
 Median Alpha = 1.18+/- 0.04

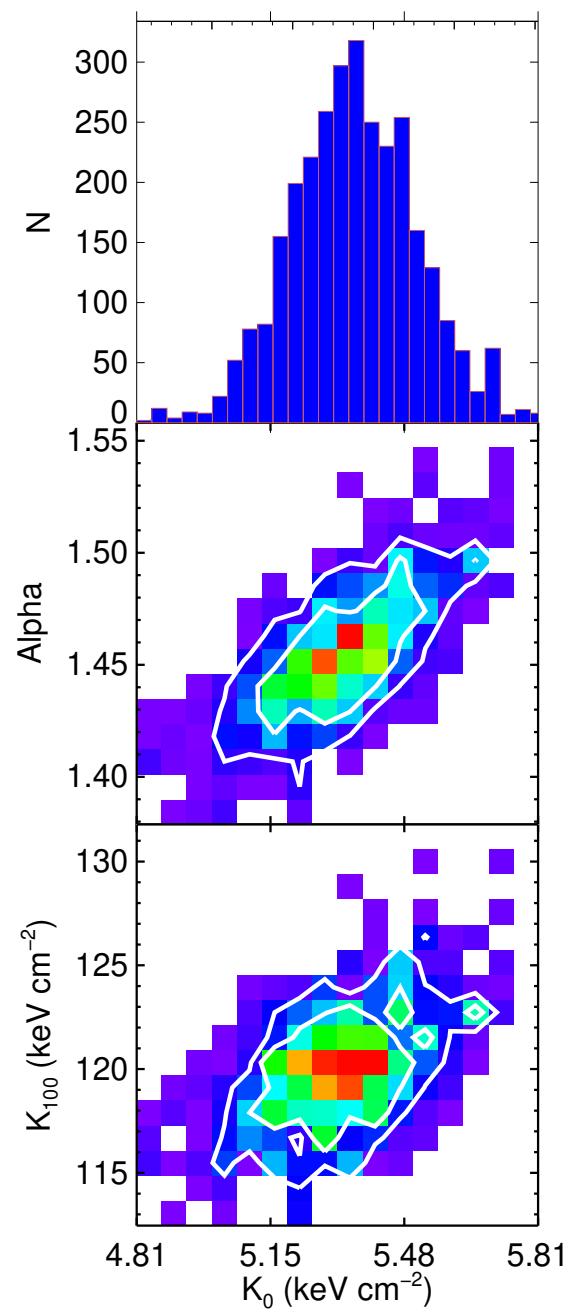




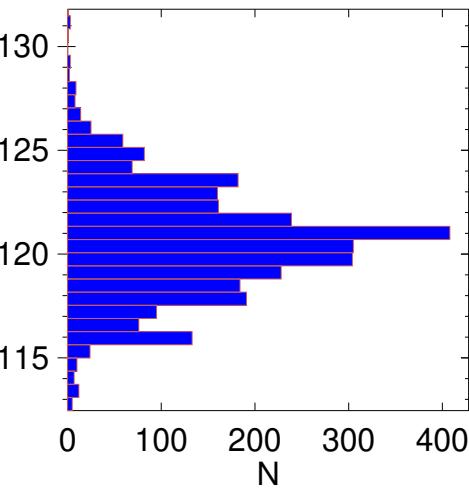
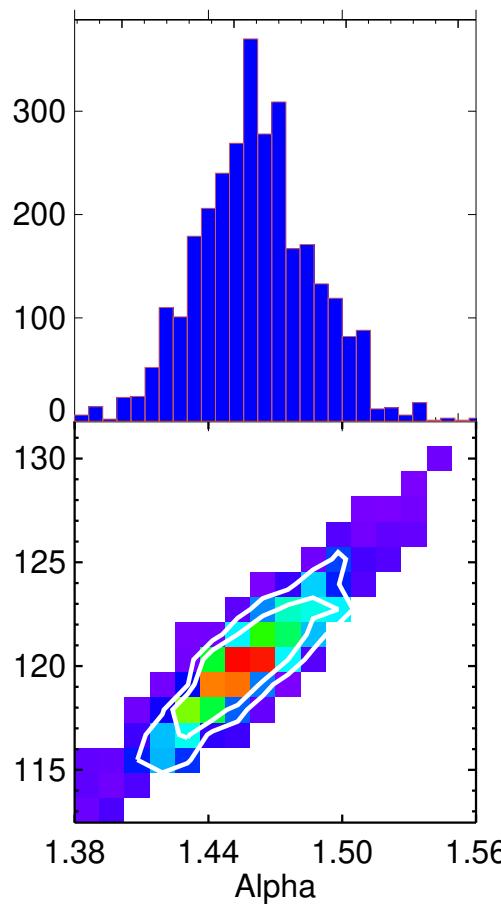
MCXC_J0303.7-7752
 Median K_0 (keV cm $^{-2}$) = -184.1 ± 80.3
 Median K_{100} (keV cm $^{-2}$) = 253.1 ± 18.8
 Median Alpha = 0.57 ± 0.10



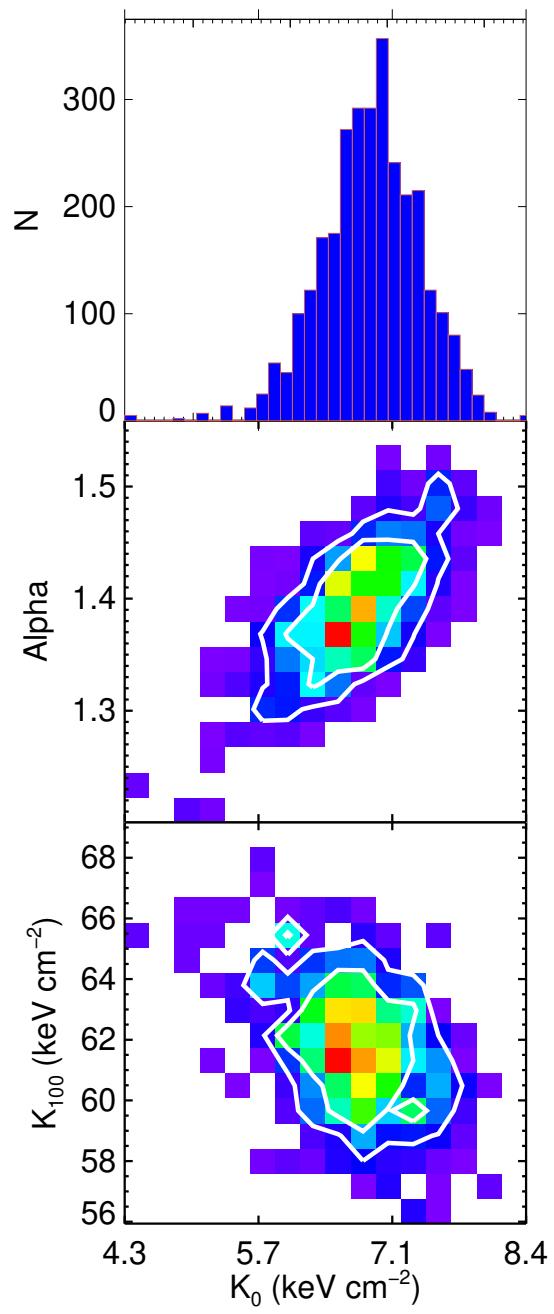




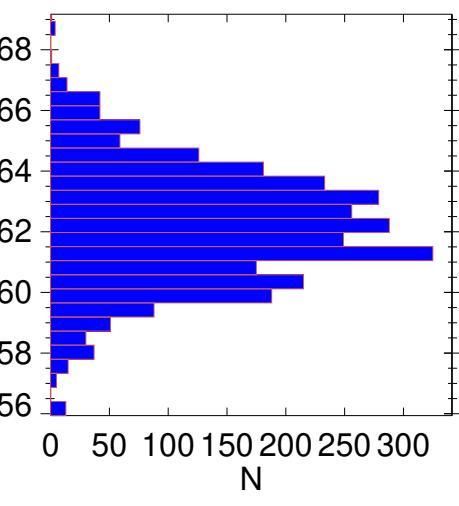
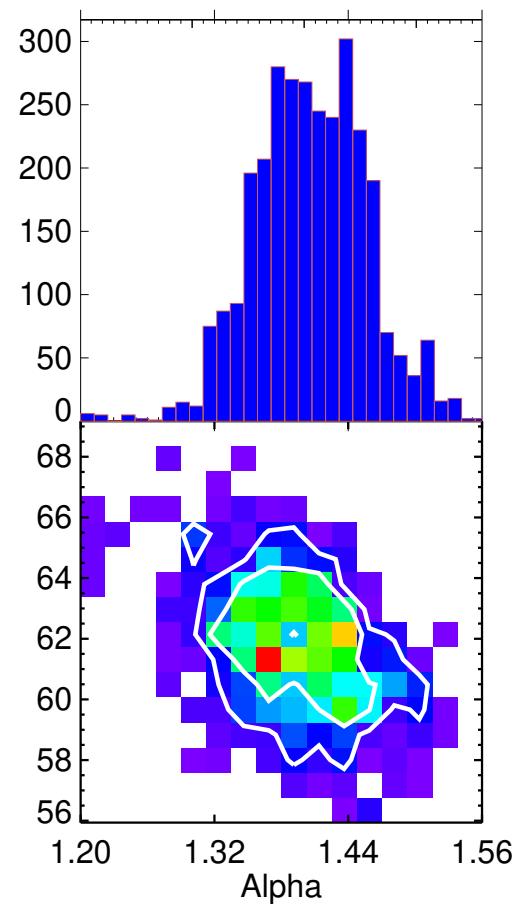
MCXC_J0338.6+0958
 Median K_0 (keV cm $^{-2}$) = 5.3 ± 0.2
 Median K_{100} (keV cm $^{-2}$) = 120.6 ± 2.6
 Median Alpha = 1.46 ± 0.03

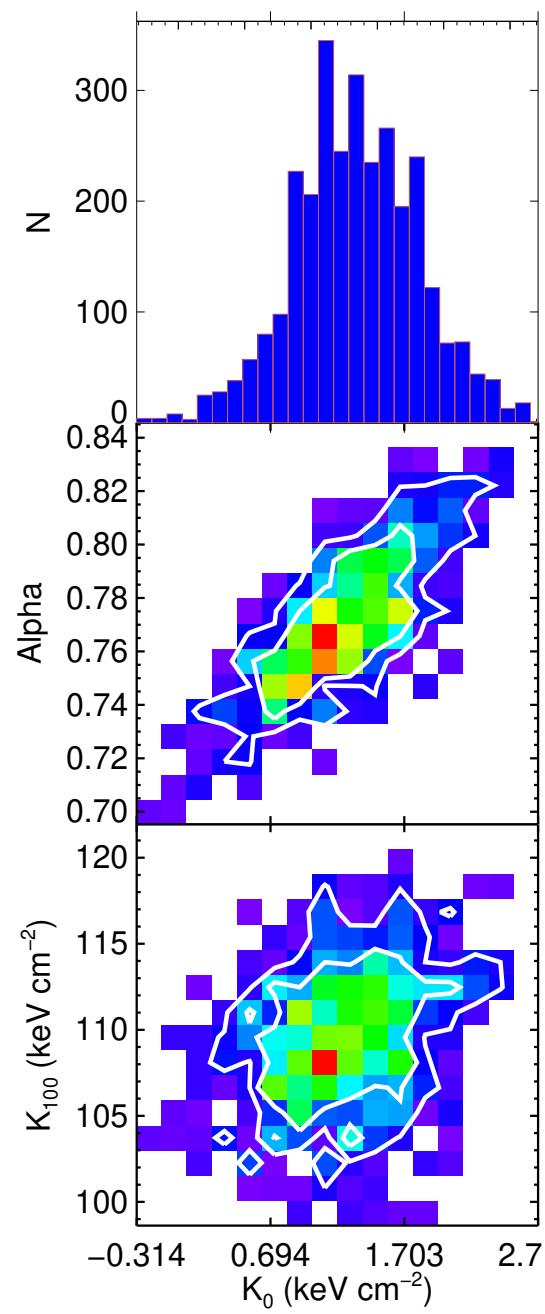


MCMC fail for K0 model fit for MCXC_J0340.8–4542

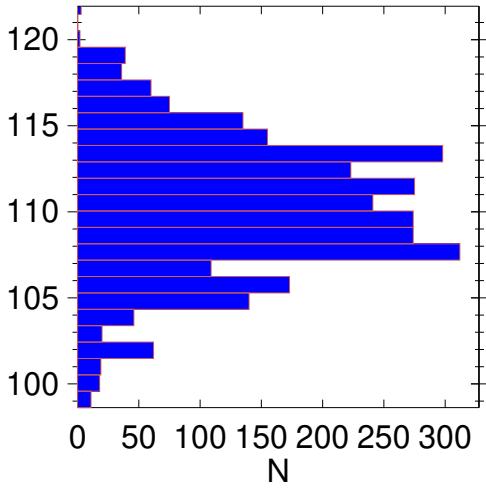
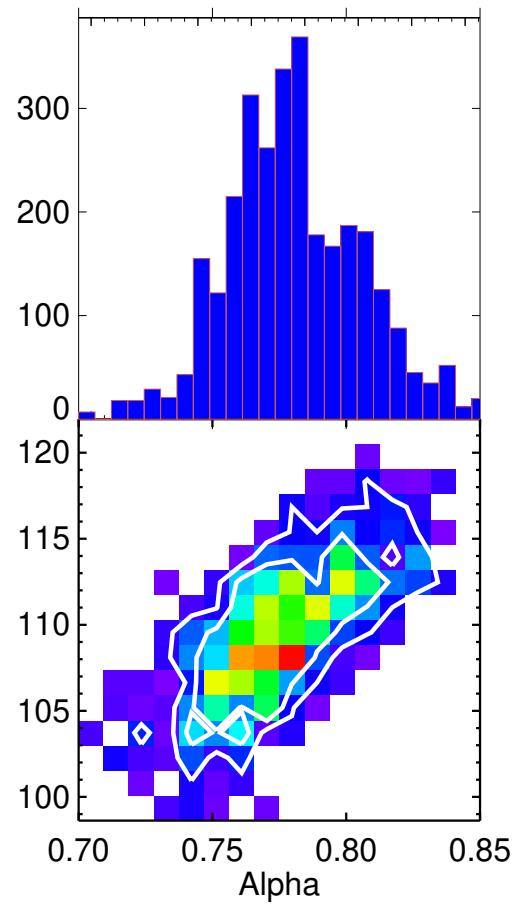


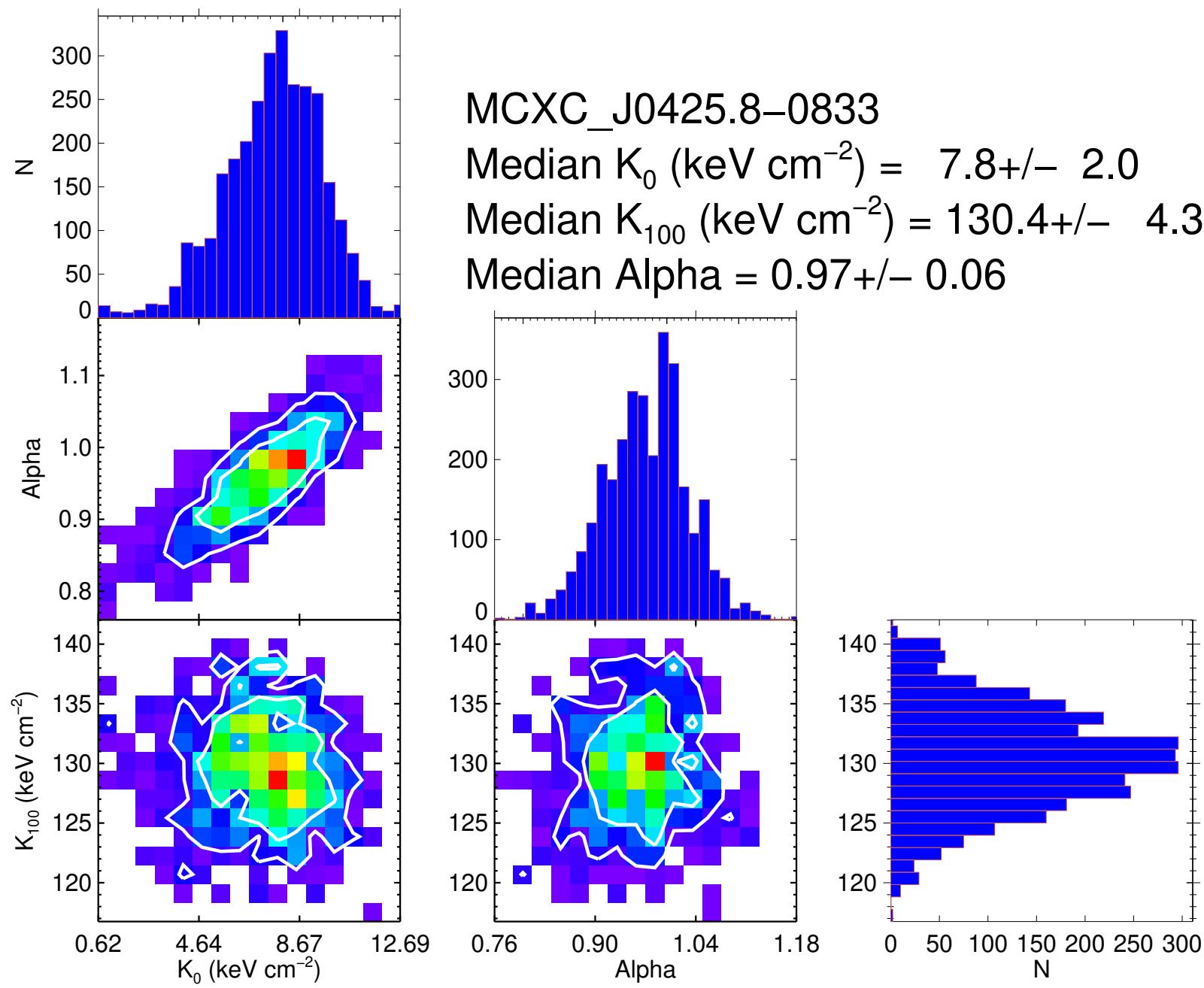
MCXC_J0352.9+1941
 Median K_0 (keV cm $^{-2}$) = 6.8 ± 0.5
 Median K_{100} (keV cm $^{-2}$) = 62.2 ± 1.9
 Median Alpha = 1.41 ± 0.05

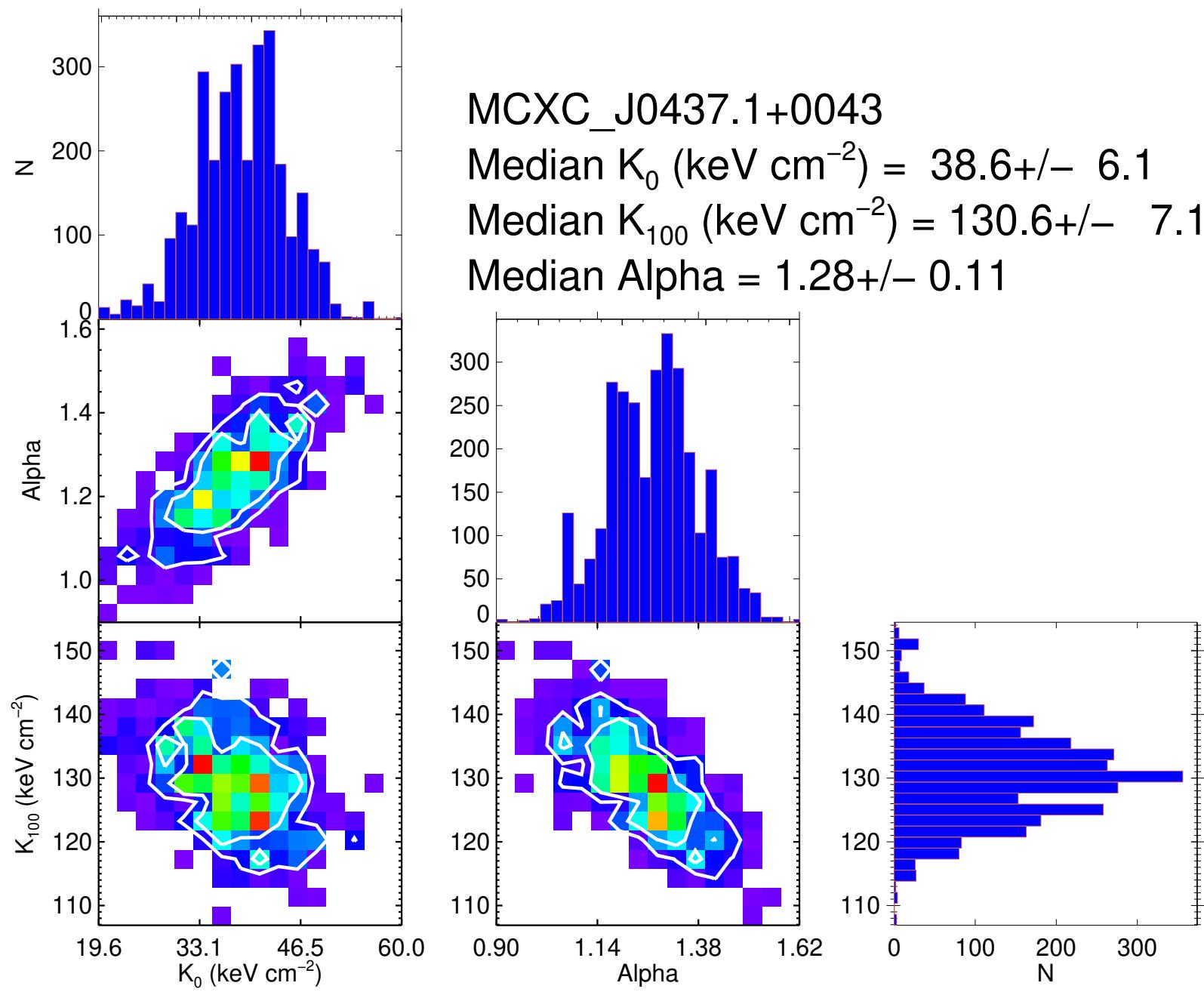


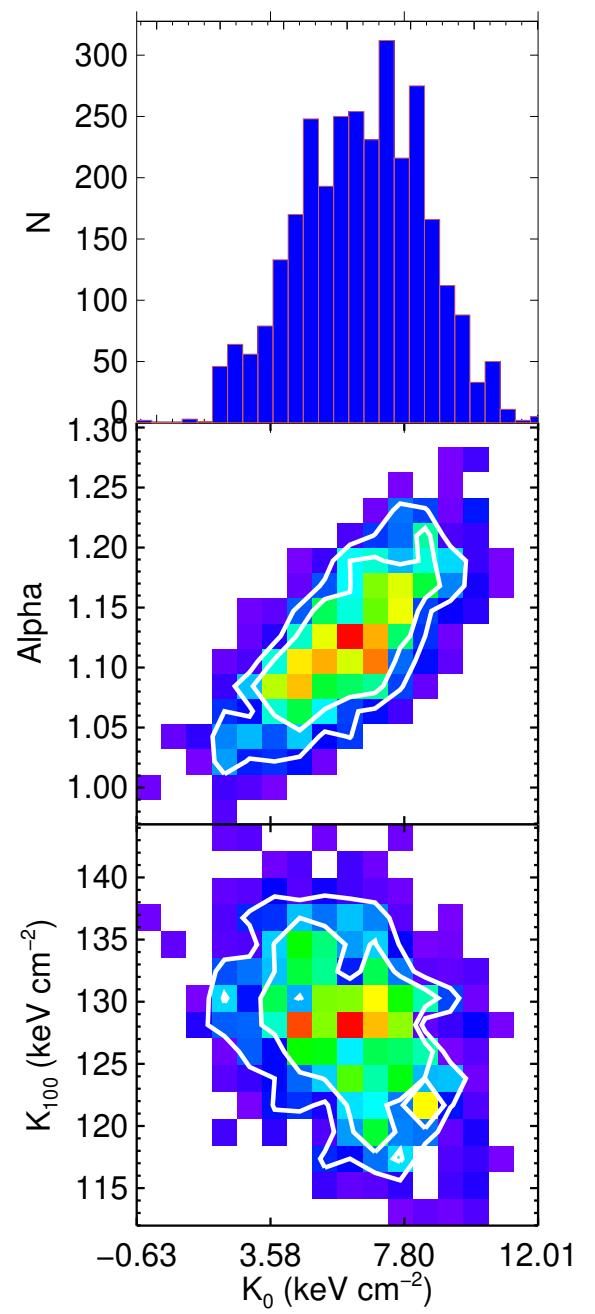


MCXC_J0419.6+0224
Median K_0 (keV cm $^{-2}$) = 1.3+/- 0.5
Median K_{100} (keV cm $^{-2}$) = 110.2+/- 3.9
Median Alpha = 0.77+/- 0.03

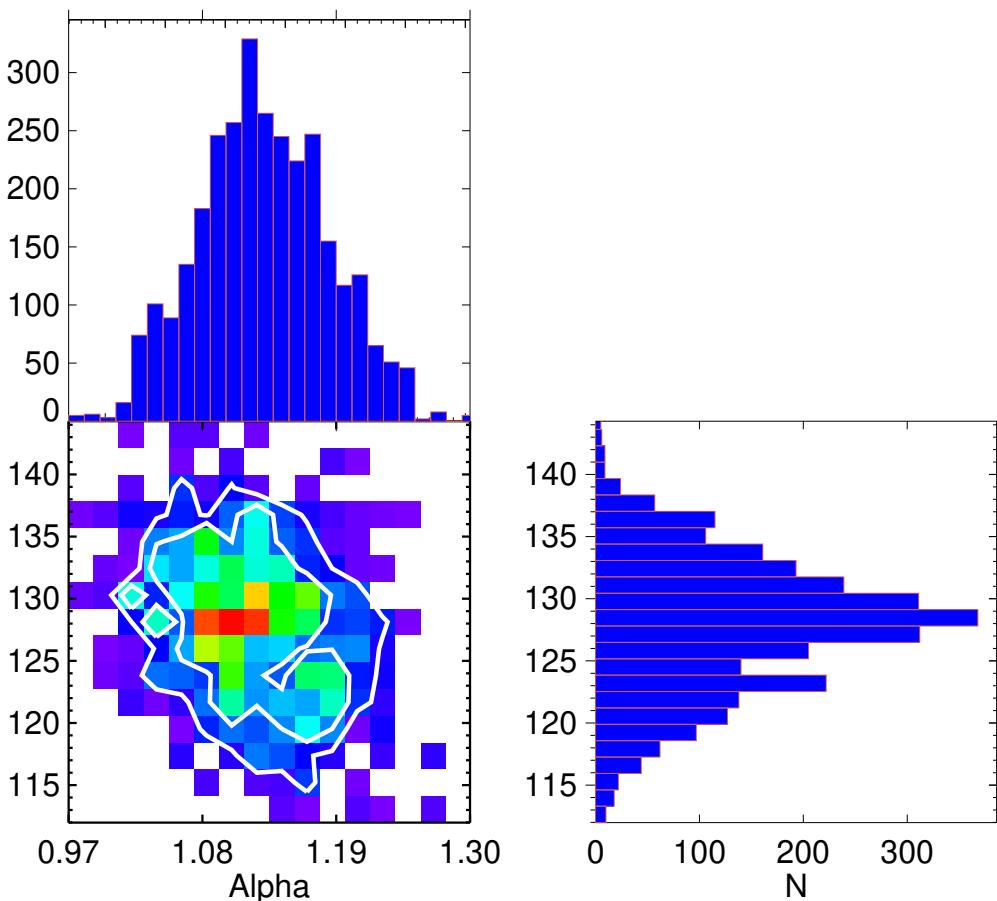


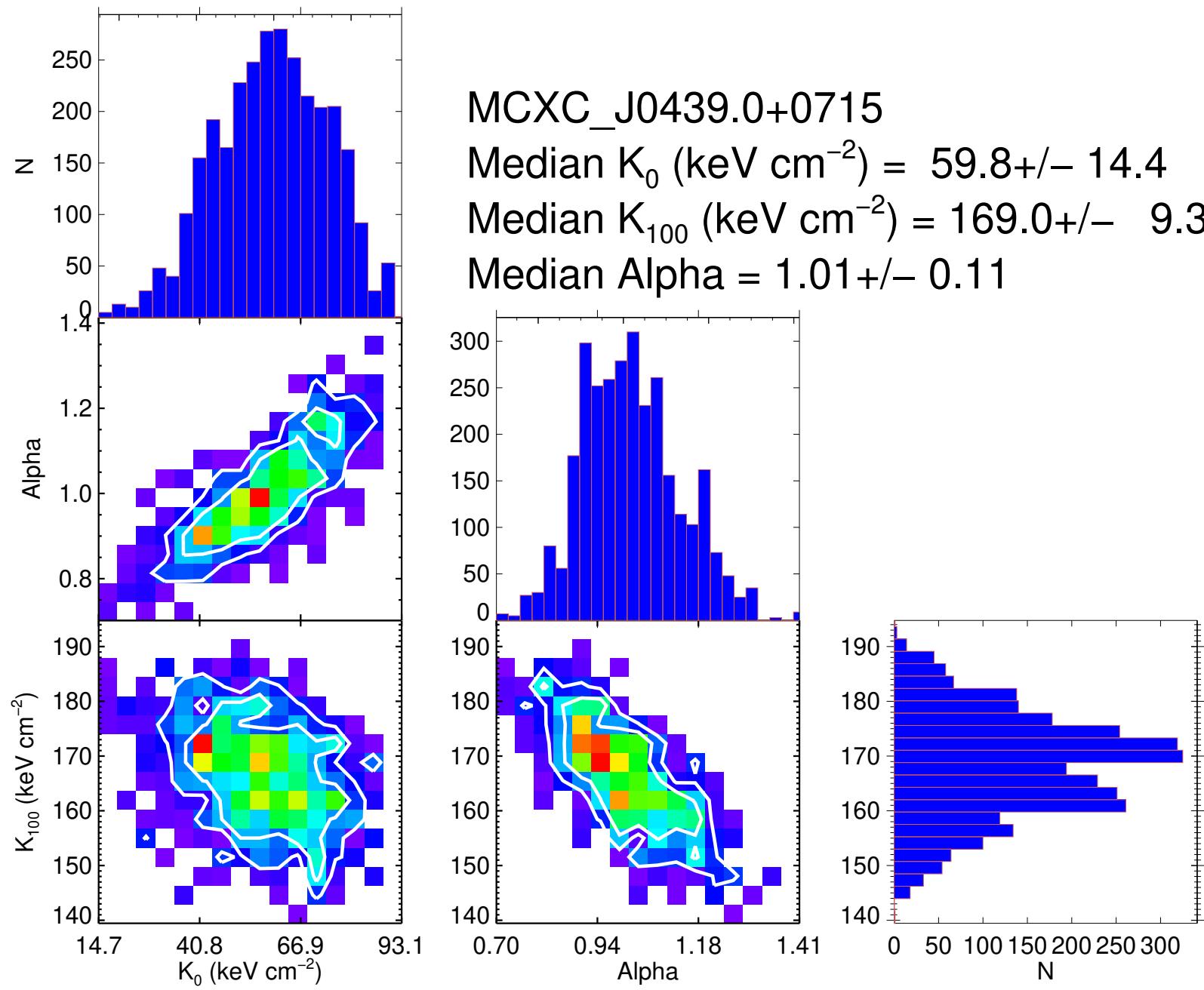


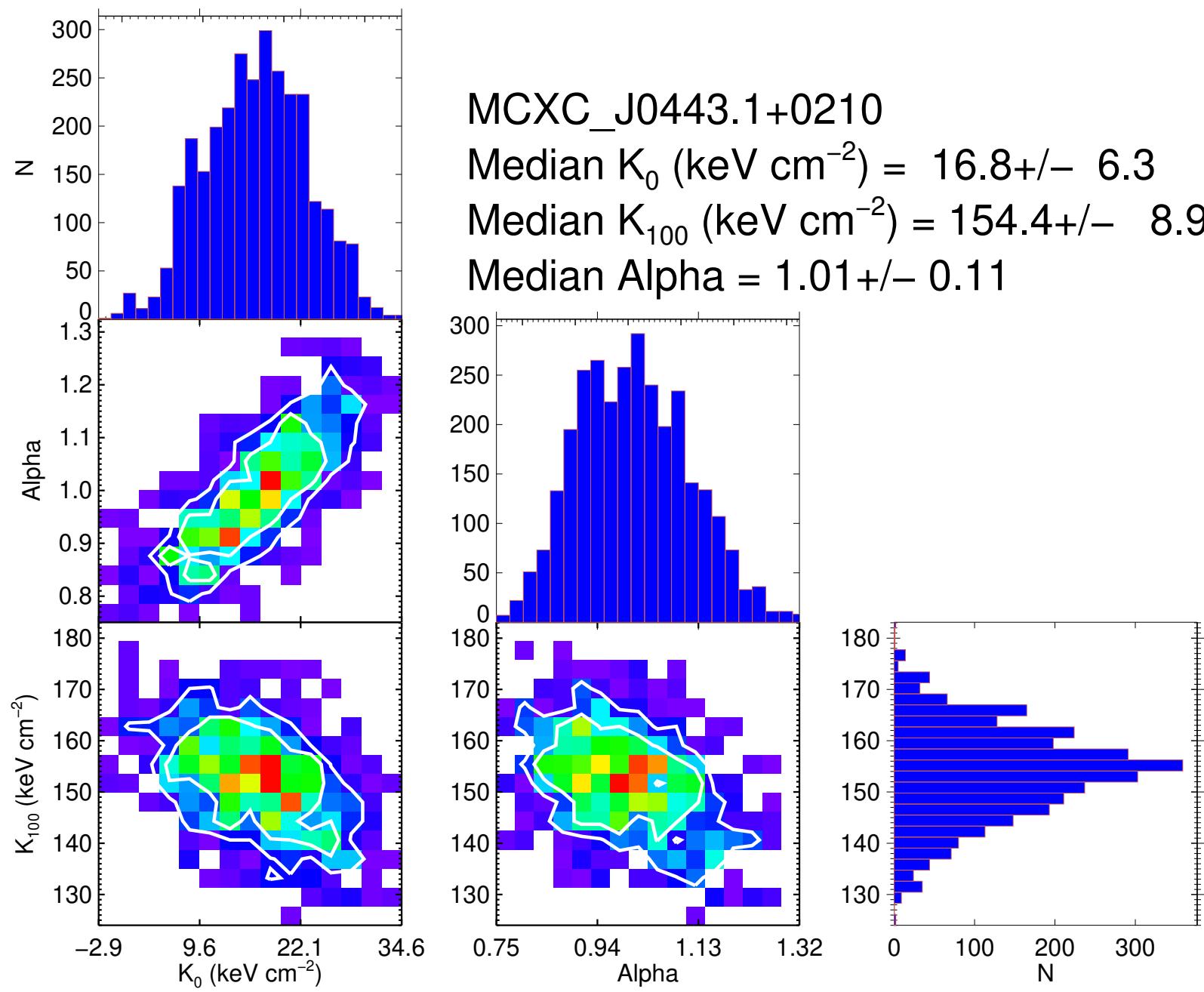


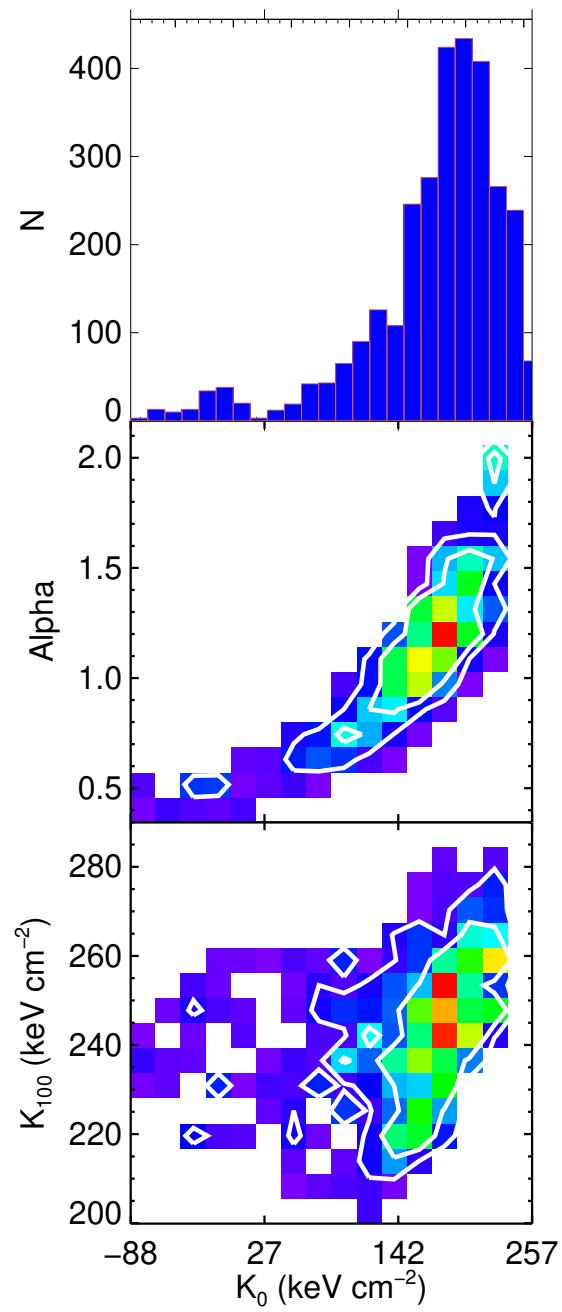


MCXC_J0439.0+0520
 Median K_0 (keV cm $^{-2}$) = 6.5+/- 2.0
 Median K_{100} (keV cm $^{-2}$) = 128.2+/- 5.4
 Median Alpha = 1.13+/- 0.05

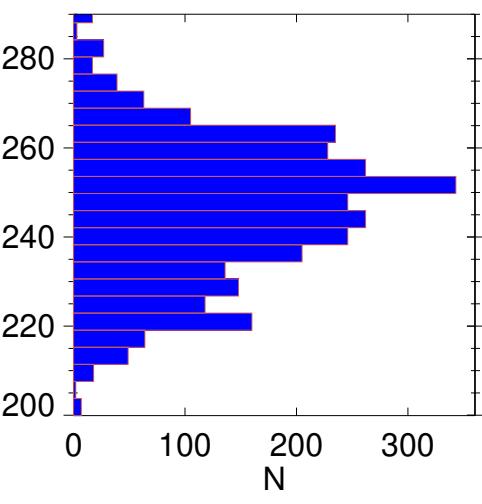
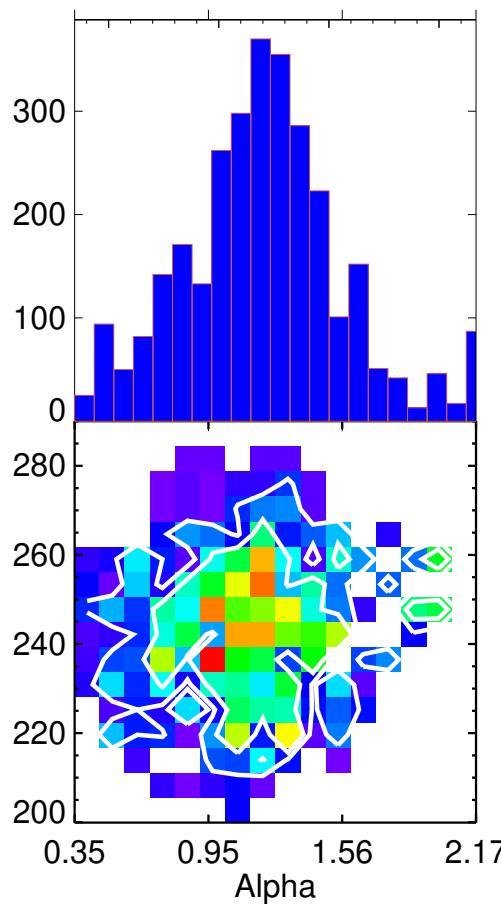


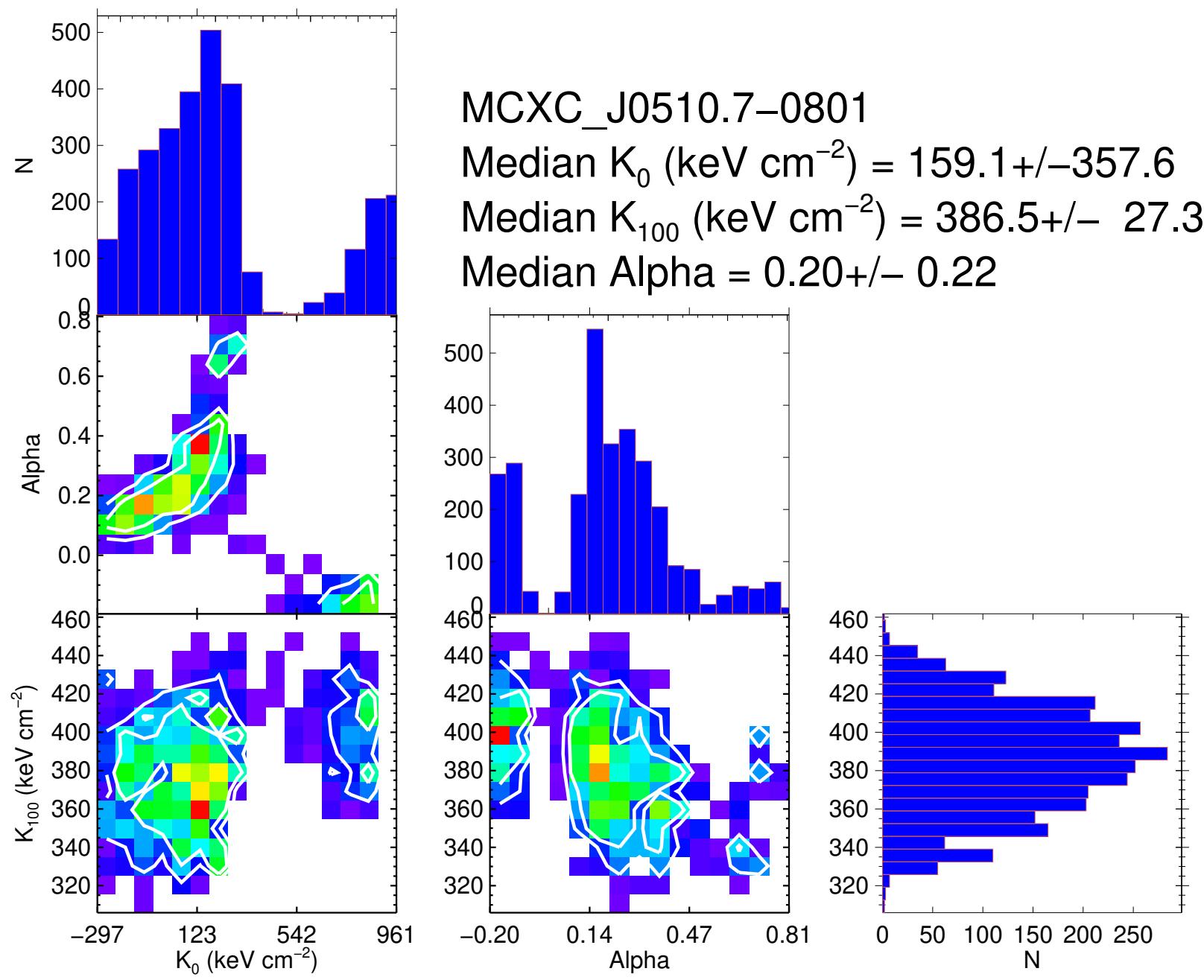


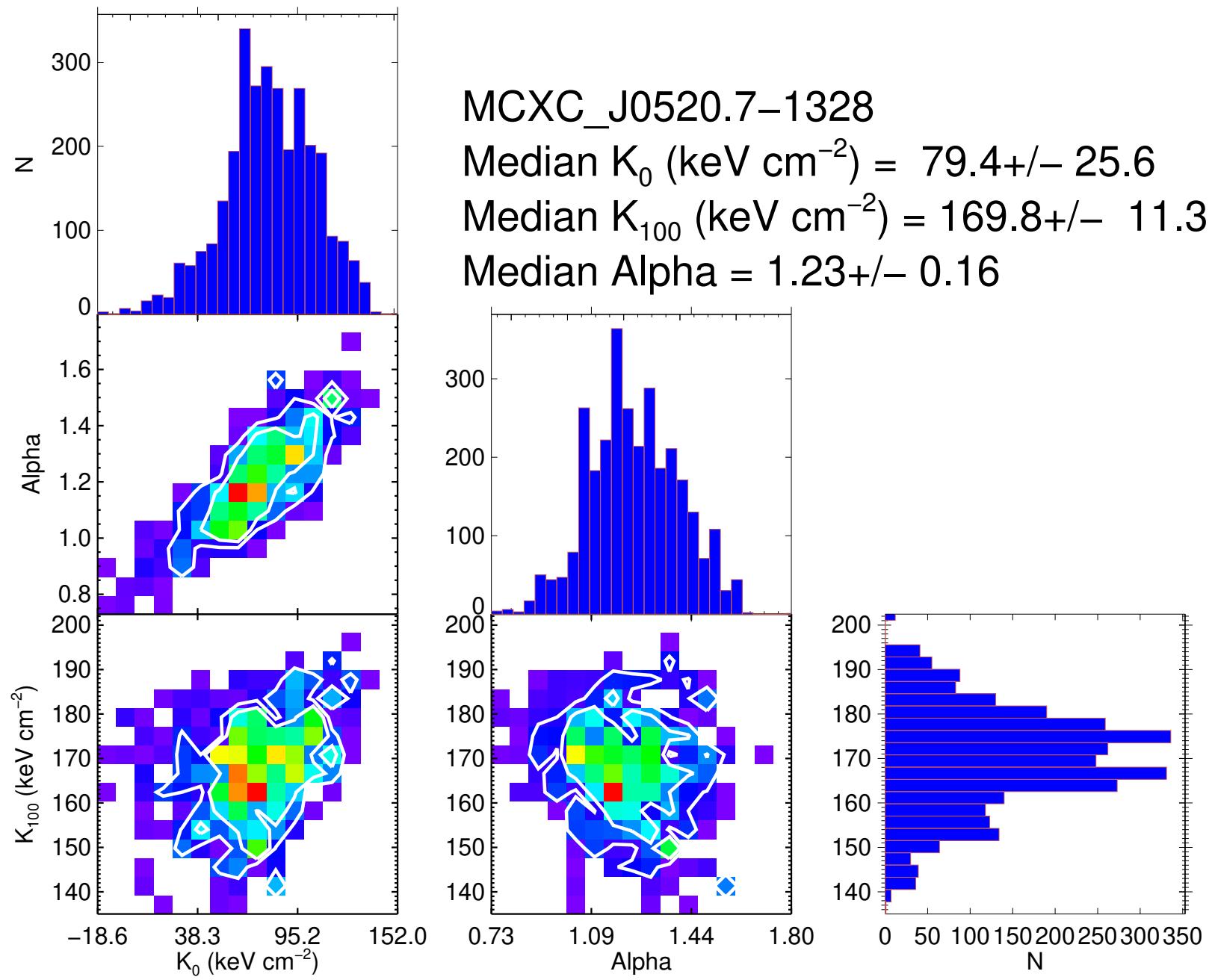


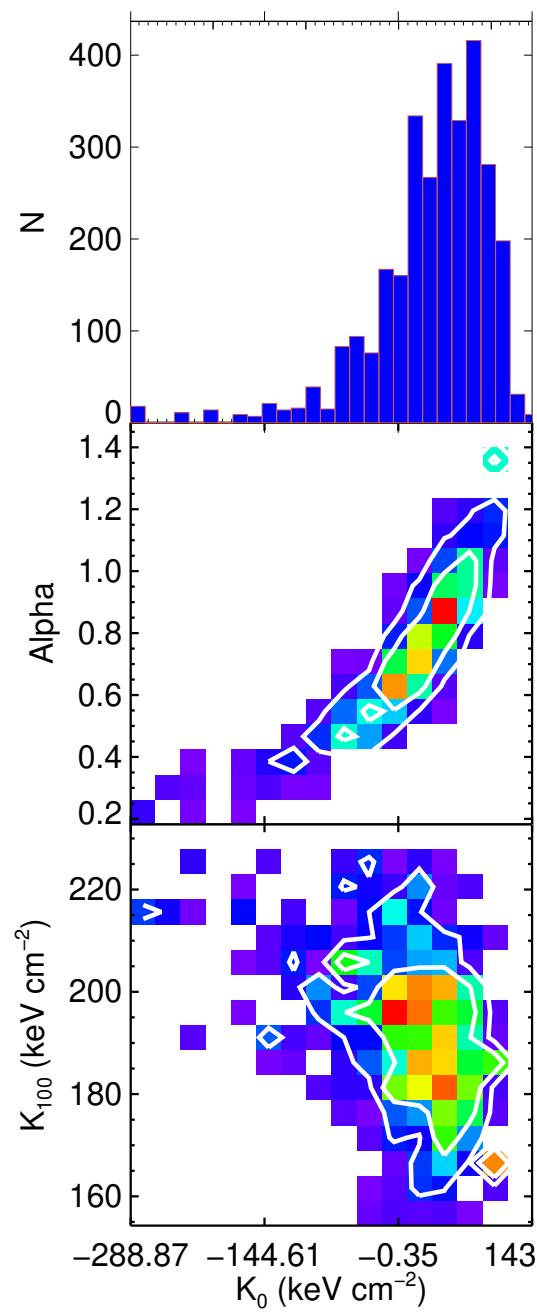


MCXC_J0454.1–0300
 Median K_0 (keV cm^{-2}) = 187.9 ± 60.6
 Median K_{100} (keV cm^{-2}) = 247.5 ± 15.8
 Median Alpha = 1.20 ± 0.37

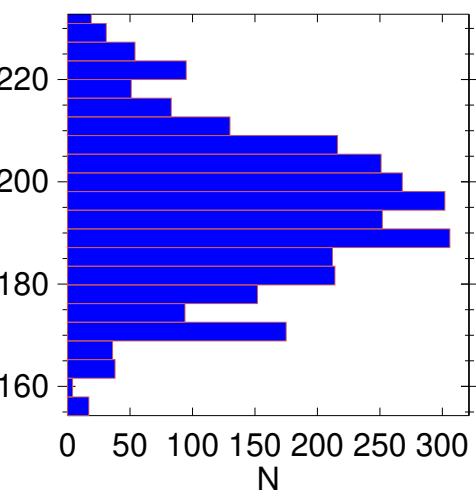
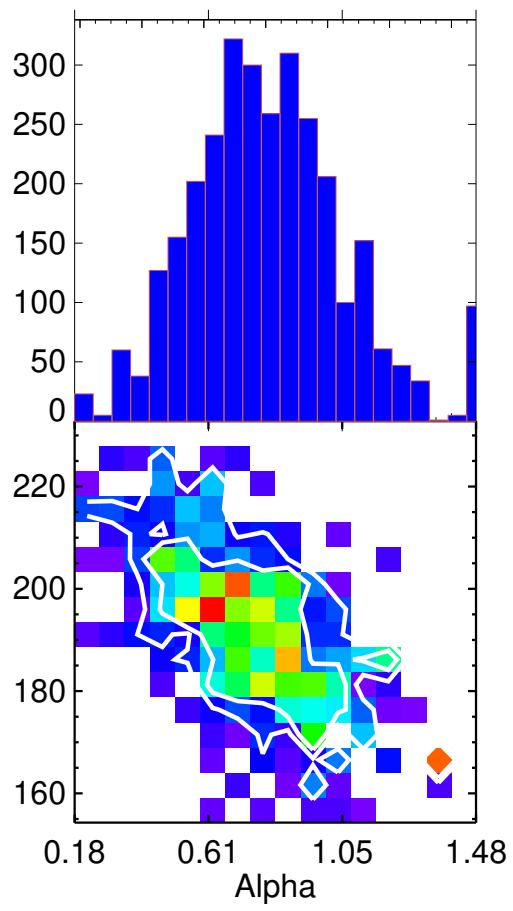


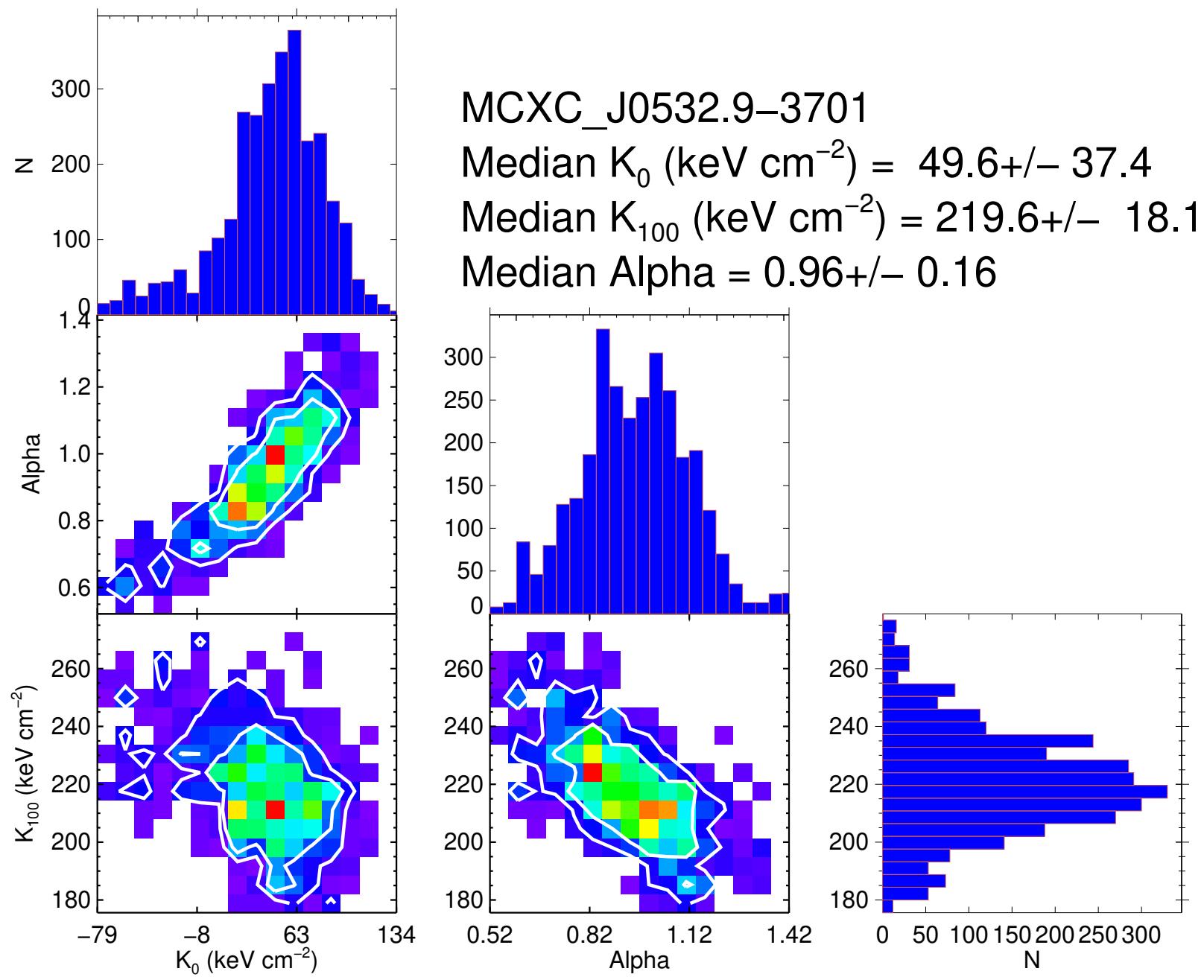


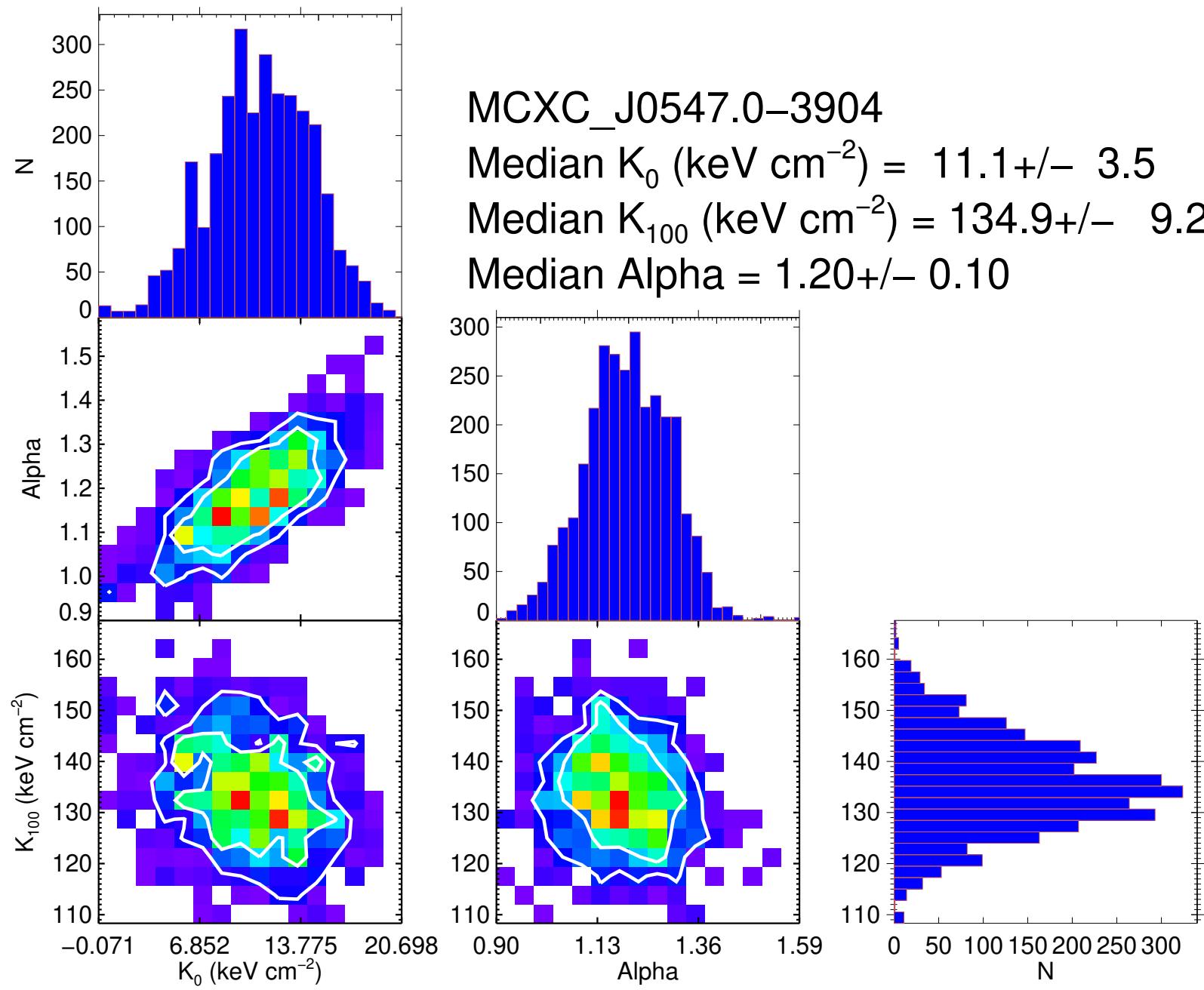


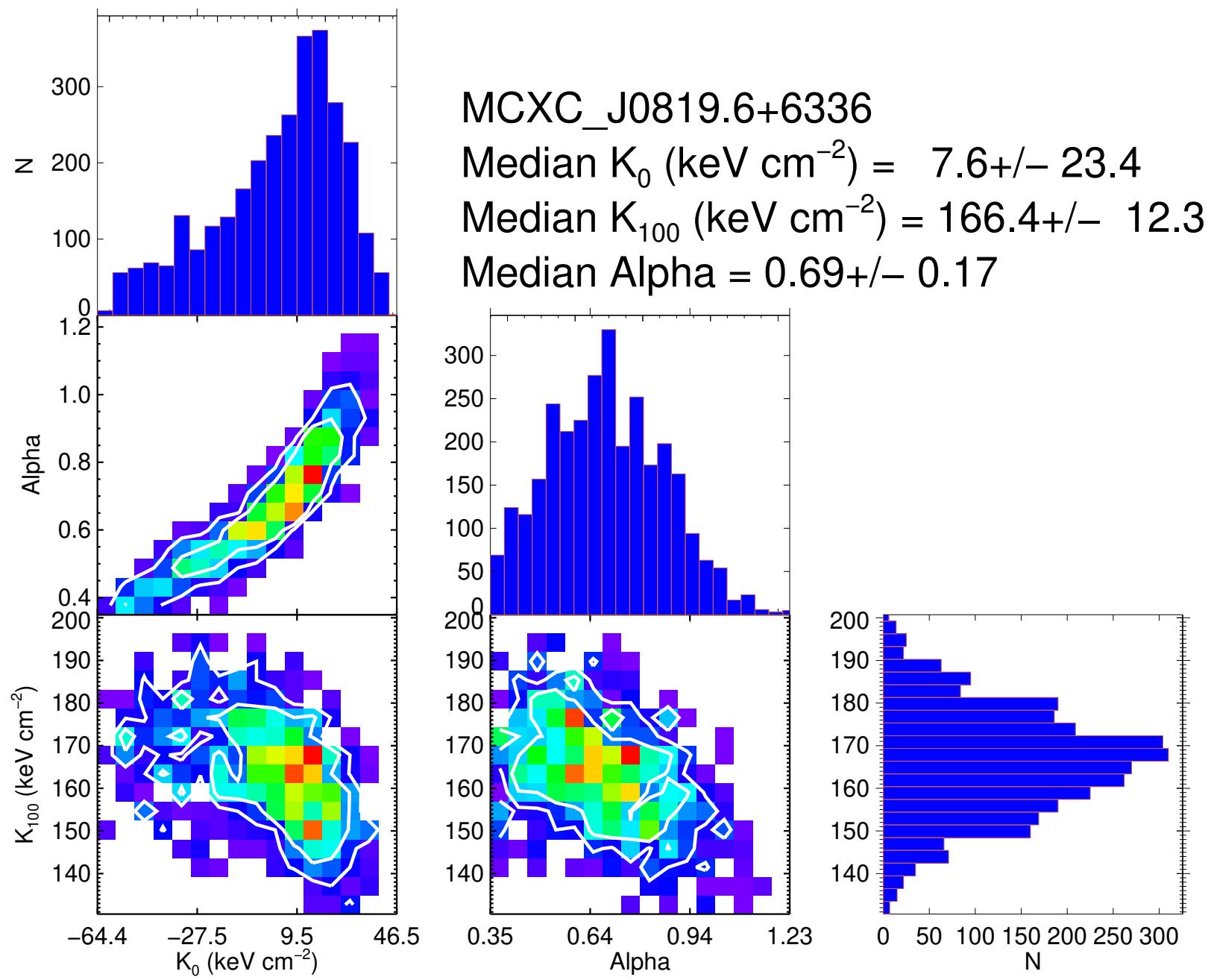


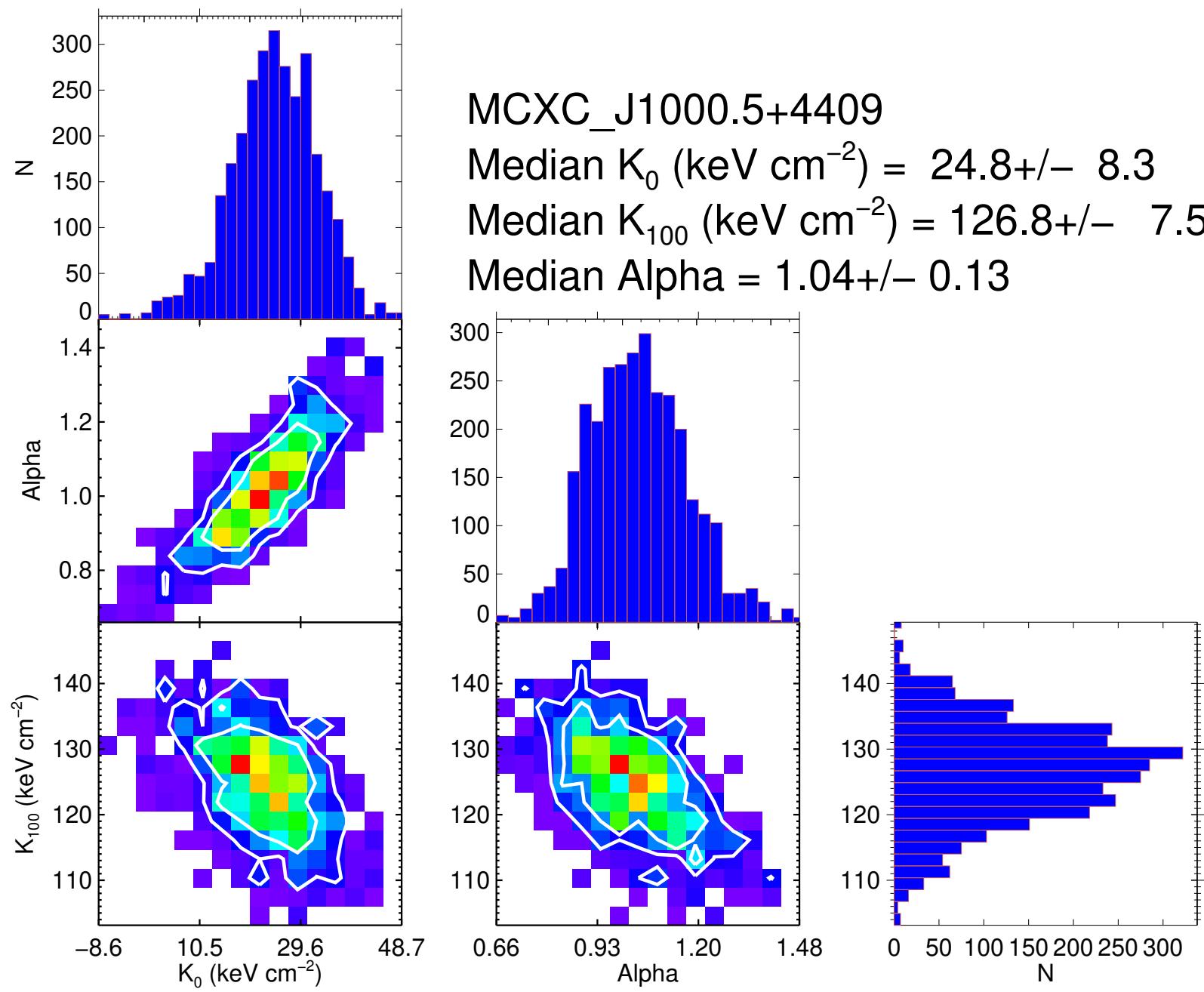
MCXC_J0528.2-2942
 Median K_0 (keV cm $^{-2}$) = 50.0 ± 64.9
 Median K_{100} (keV cm $^{-2}$) = 194.3 ± 15.0
 Median Alpha = 0.79 ± 0.25

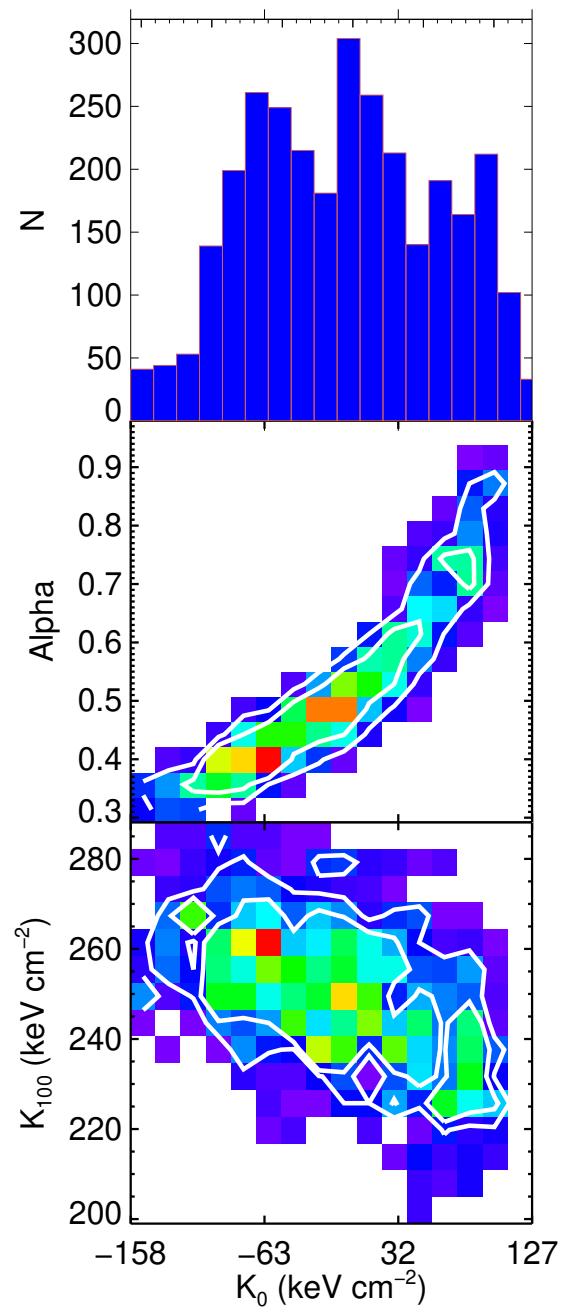




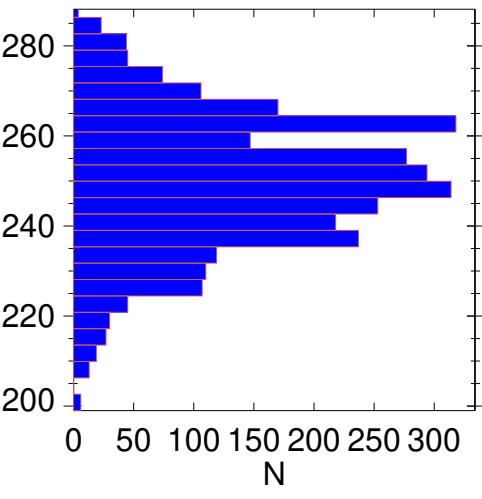
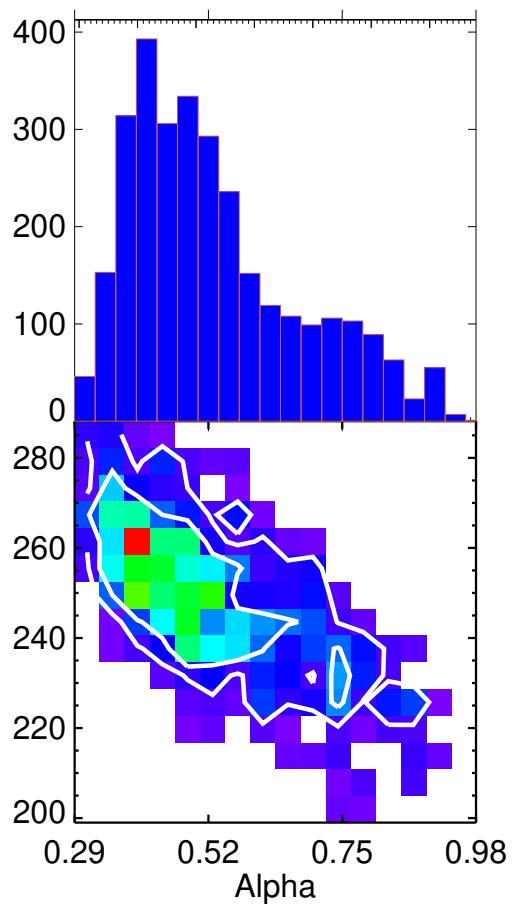


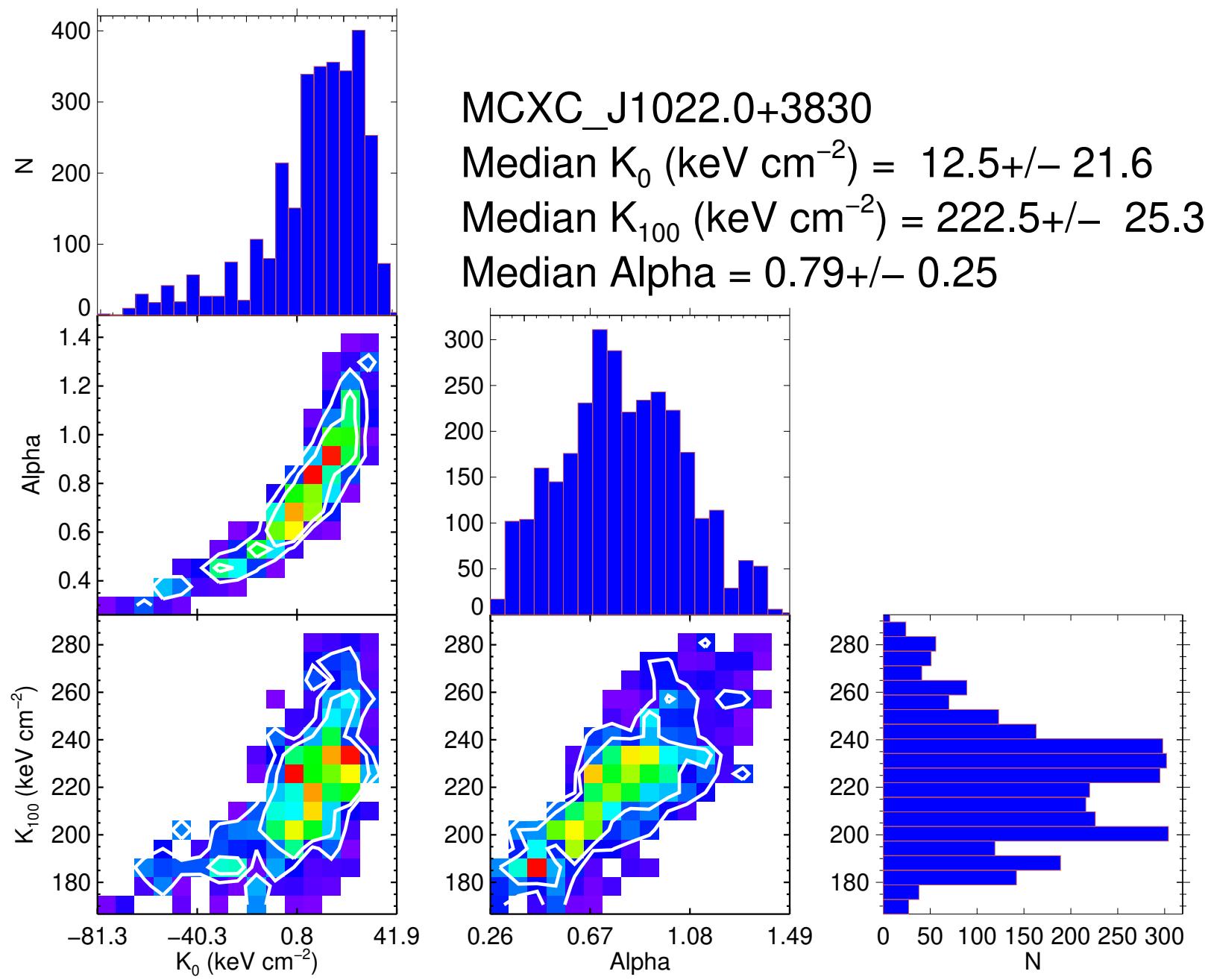


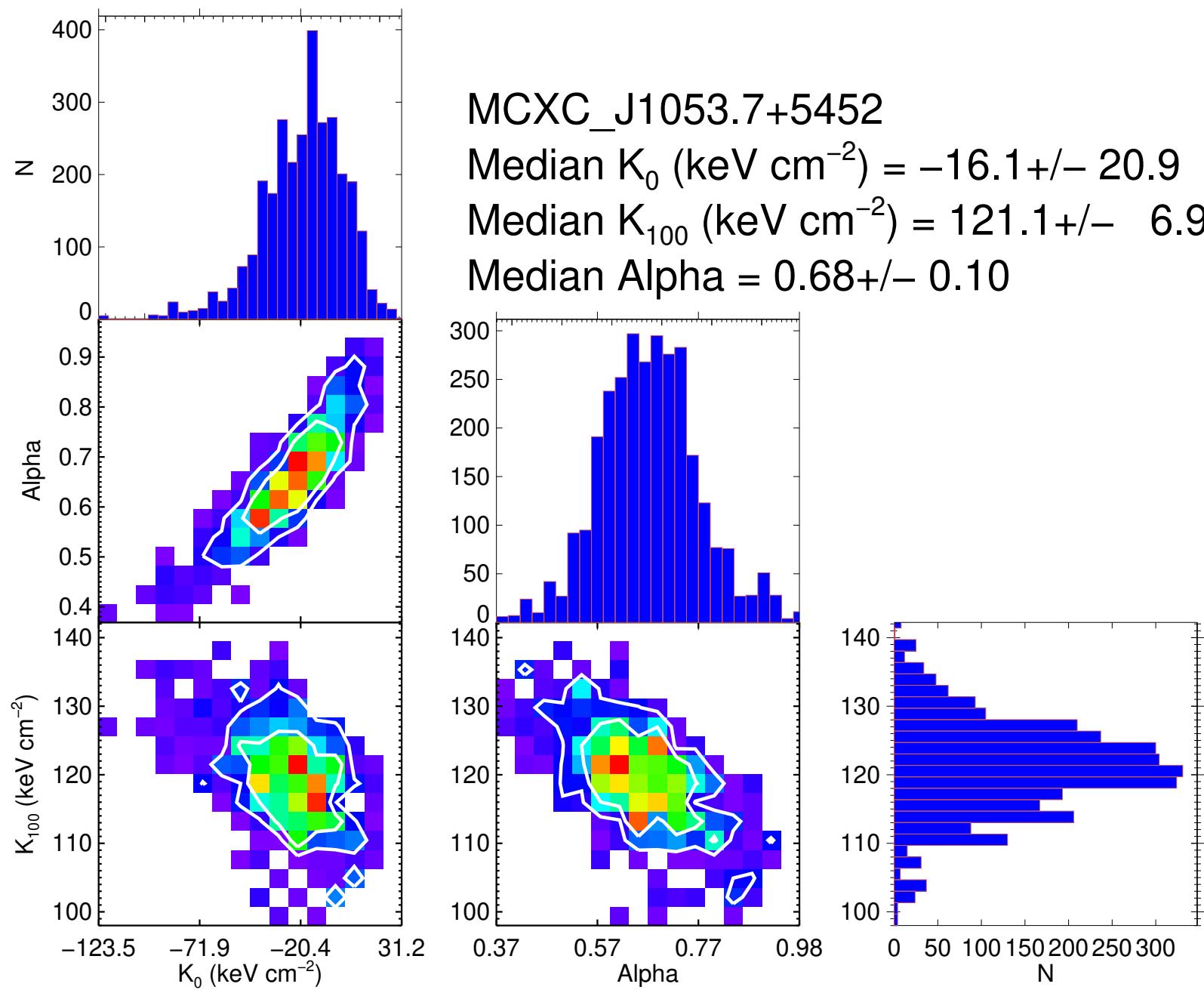


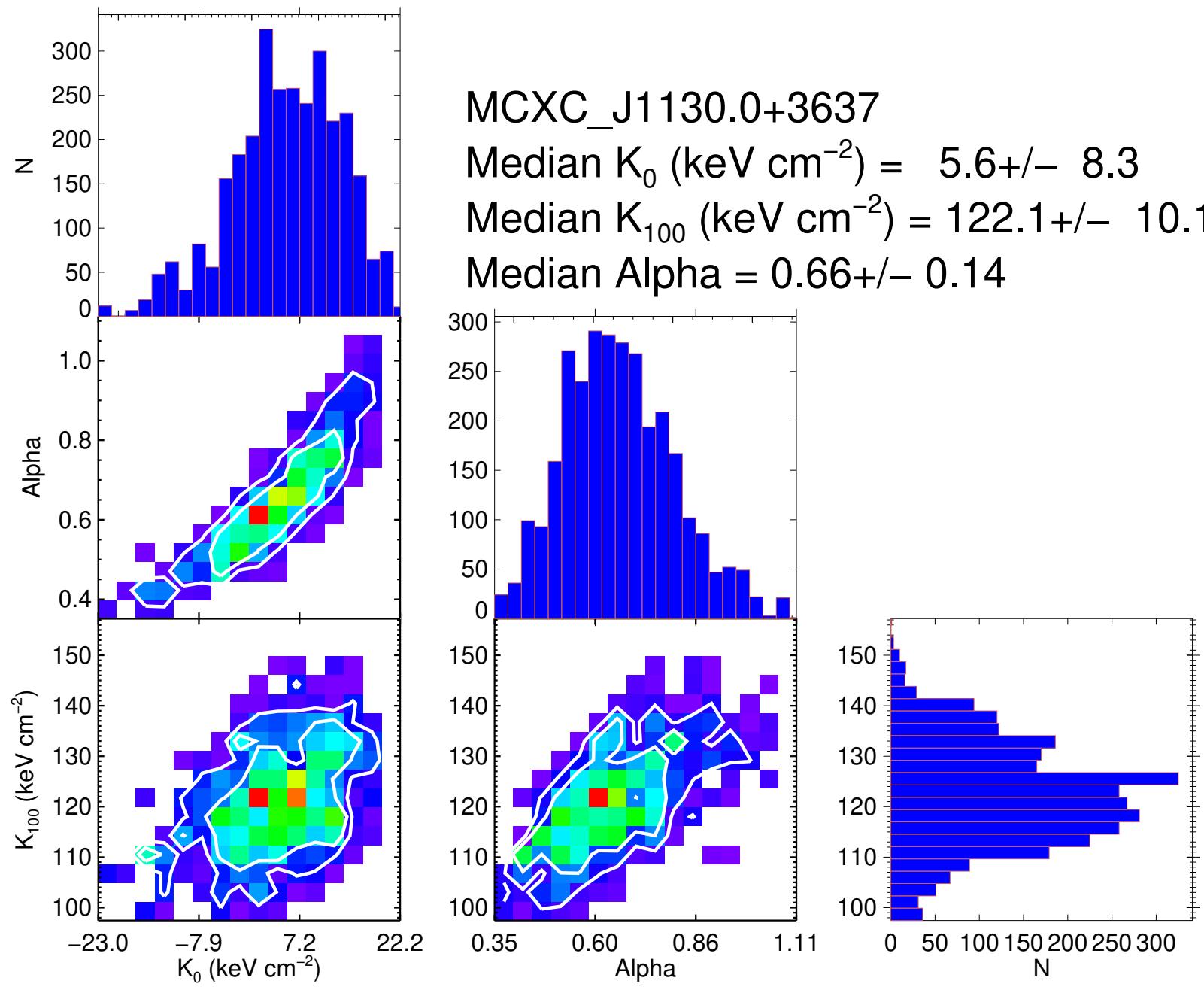


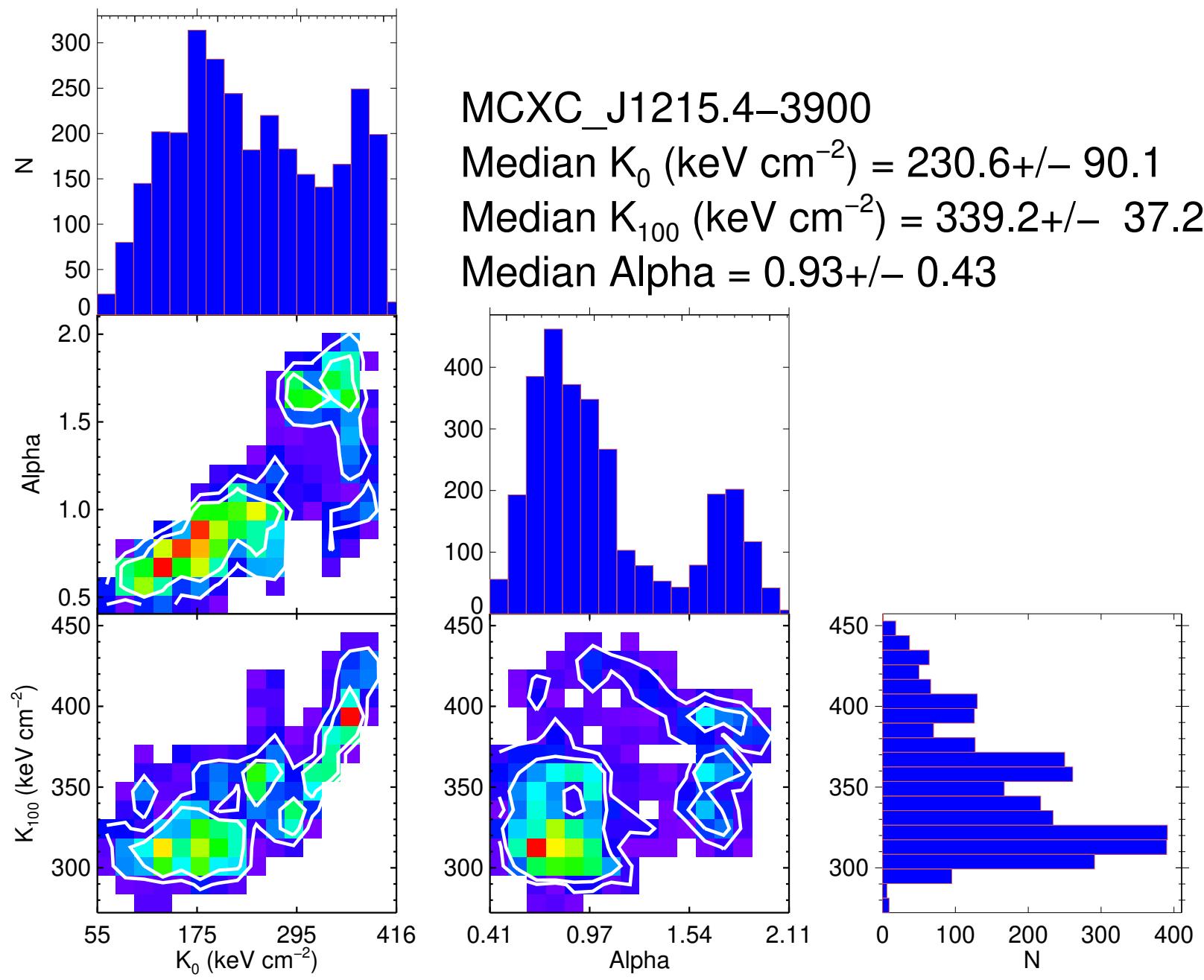
MCXC_J1010.5–1239
 Median K_0 (keV cm $^{-2}$) = $-4.5+/- 67.0$
 Median K_{100} (keV cm $^{-2}$) = $250.0+/- 15.0$
 Median Alpha = $0.50+/- 0.15$

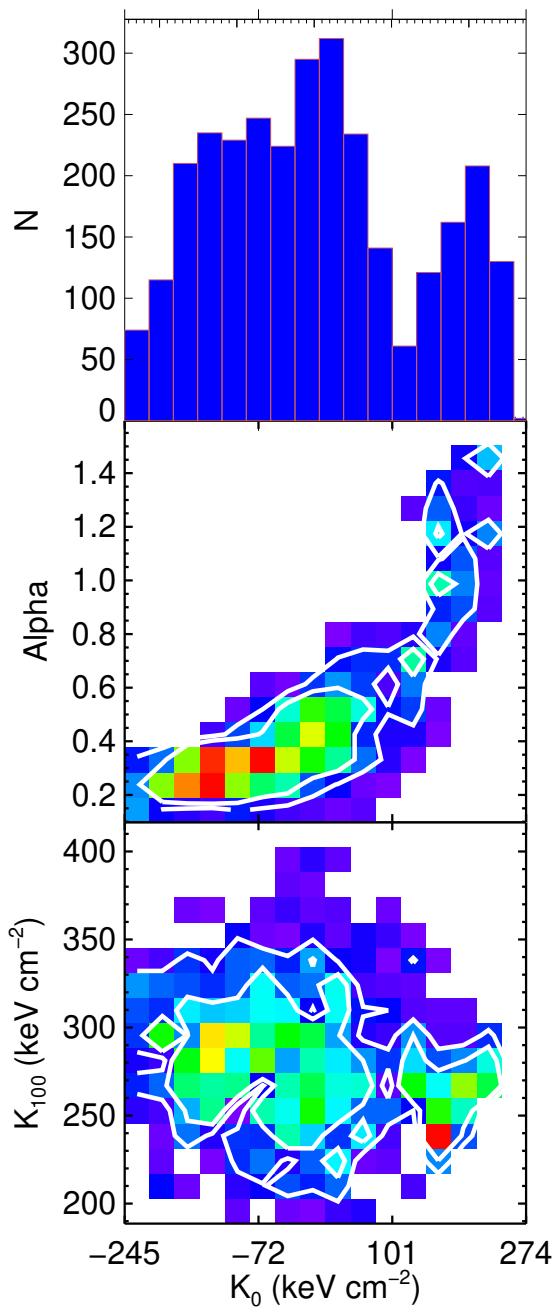




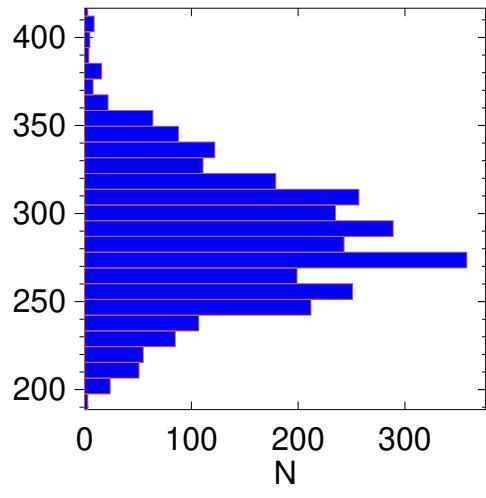
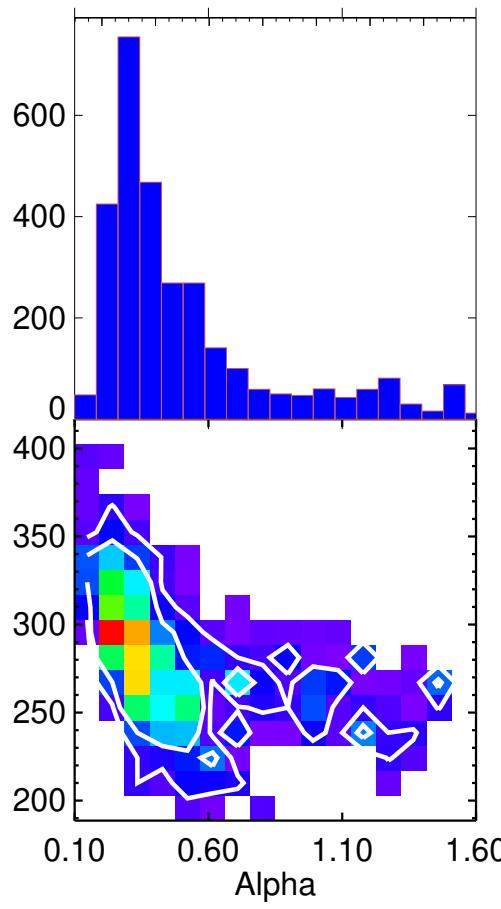


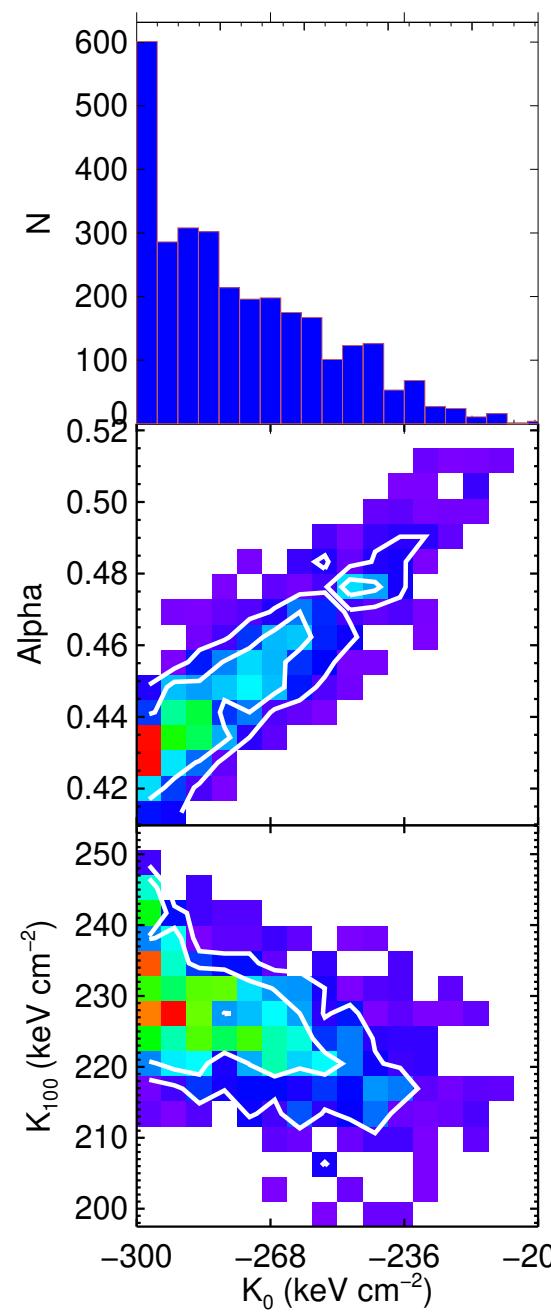




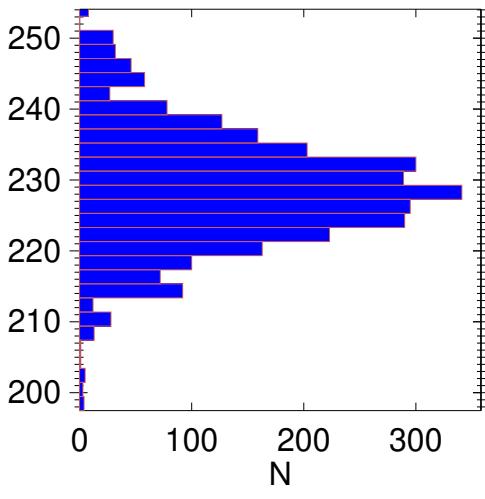
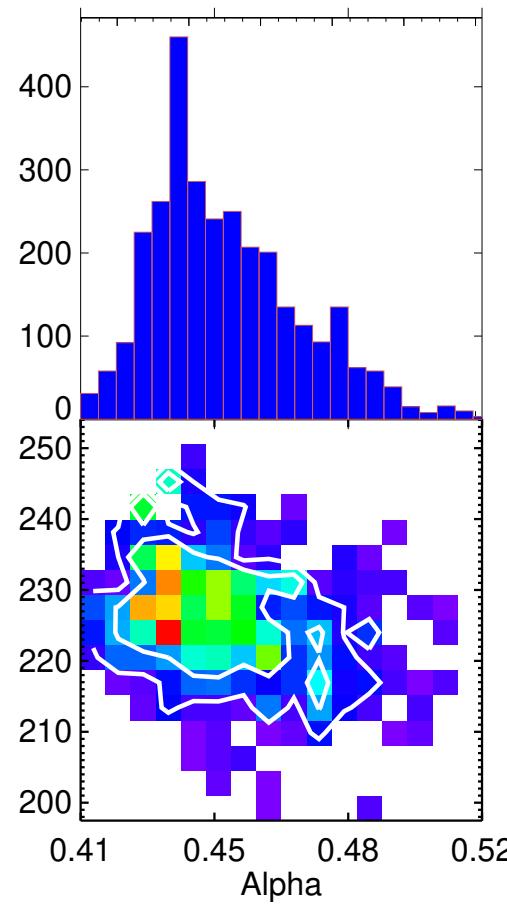


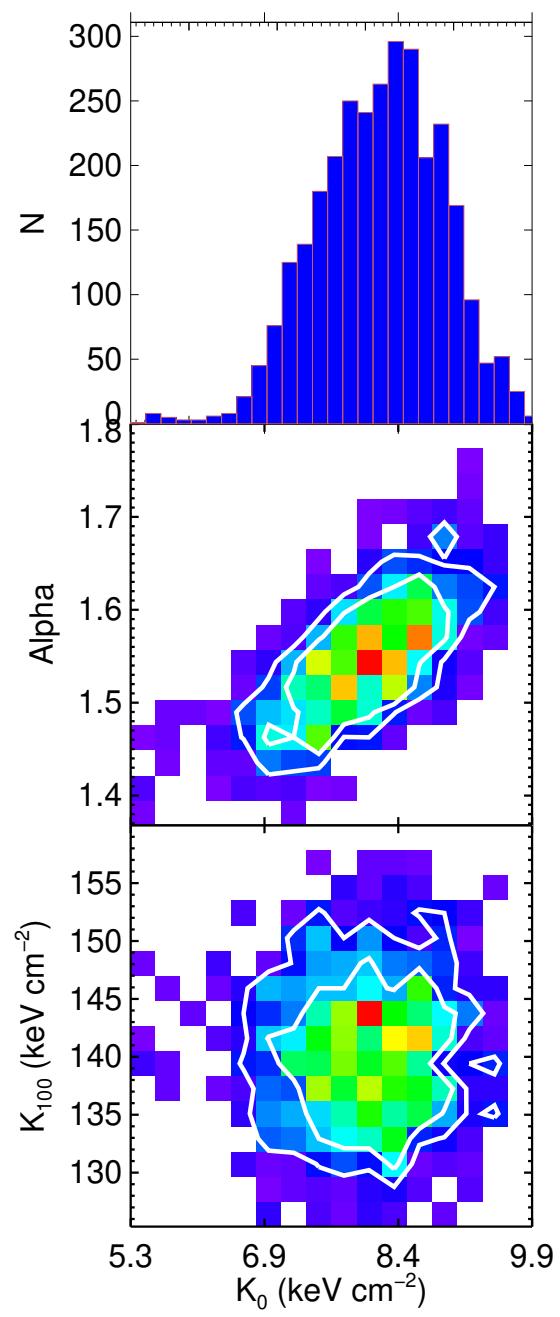
MCXC_J1234.2+0947
 Median K_0 (keV cm $^{-2}$) = -9.1 ± -129.6
 Median K_{100} (keV cm $^{-2}$) = 283.0 ± -36.8
 Median Alpha = 0.38 ± -0.33





MCXC_J1514.9–1523
 Median K_0 (keV cm $^{-2}$) = -280.0 ± 20.2
 Median K_{100} (keV cm $^{-2}$) = 228.3 ± 8.2
 Median Alpha = 0.45 ± 0.02



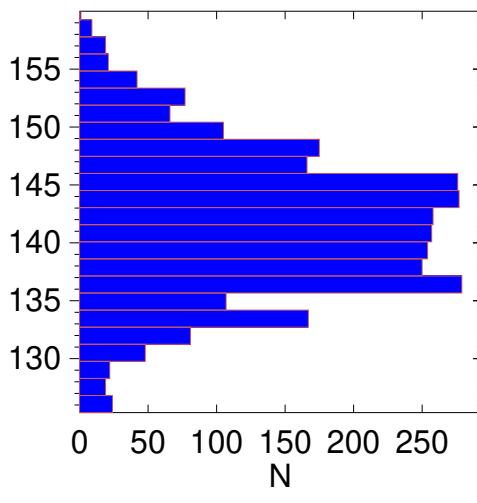
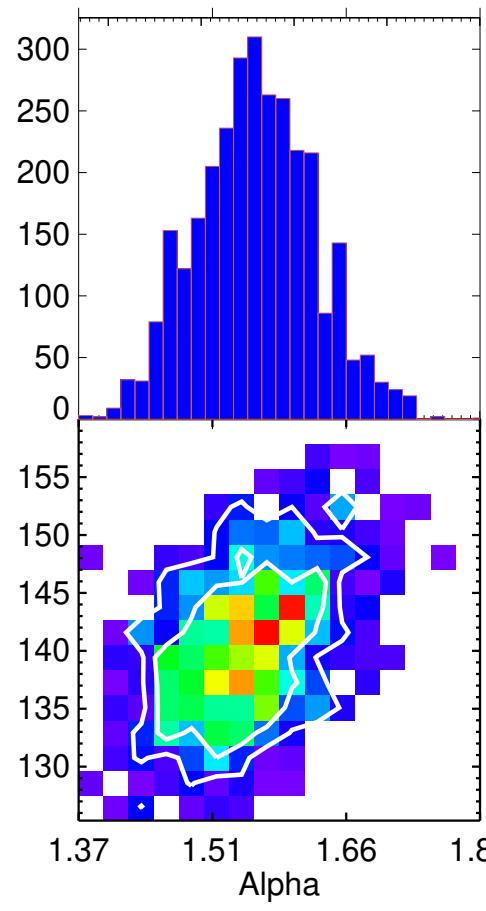


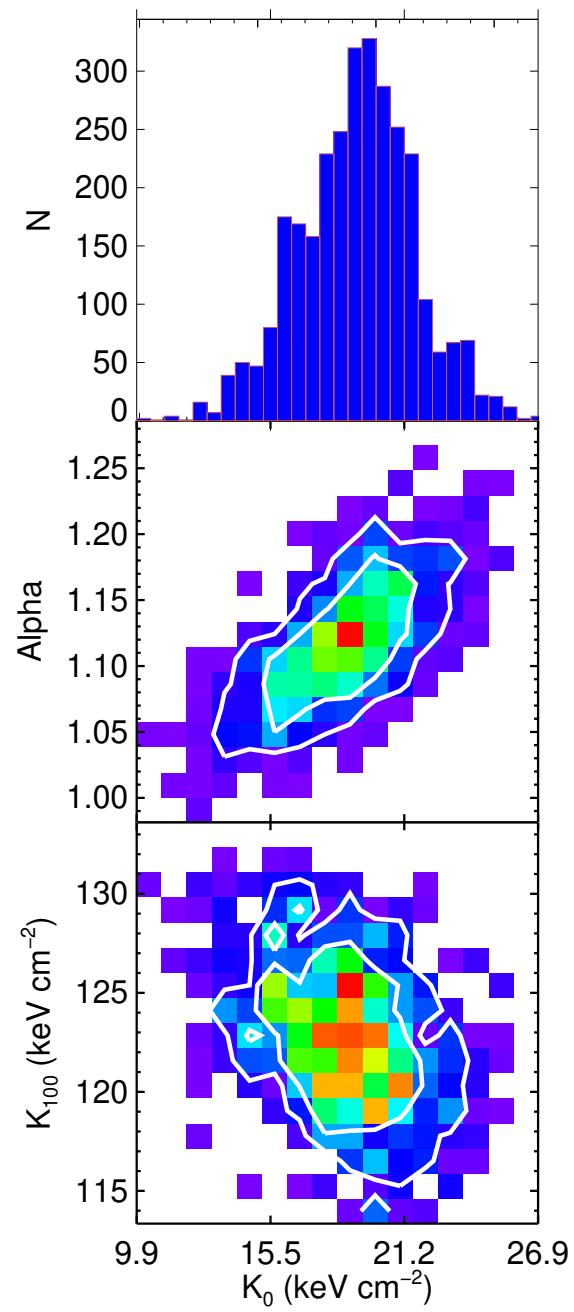
MCXC_J1524.2–3154

Median K_0 (keV cm $^{-2}$) = 8.2+/- 0.7

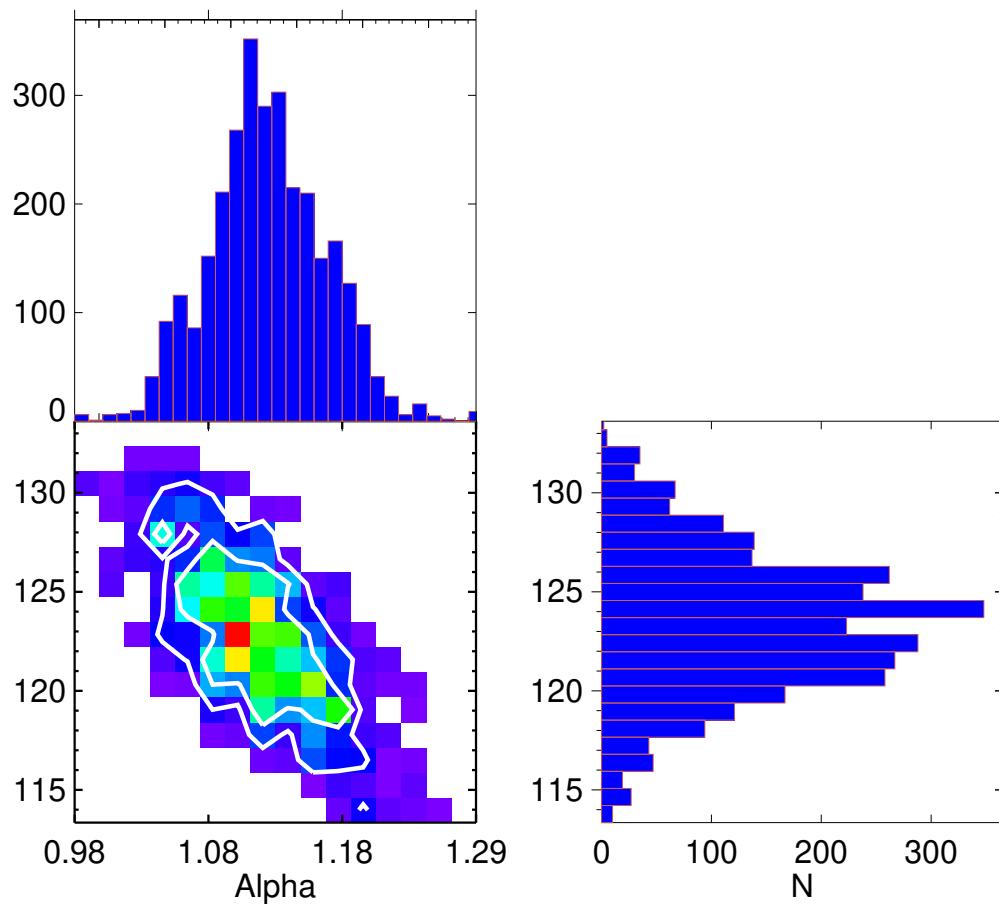
Median K_{100} (keV cm $^{-2}$) = 141.5+/- 6.1

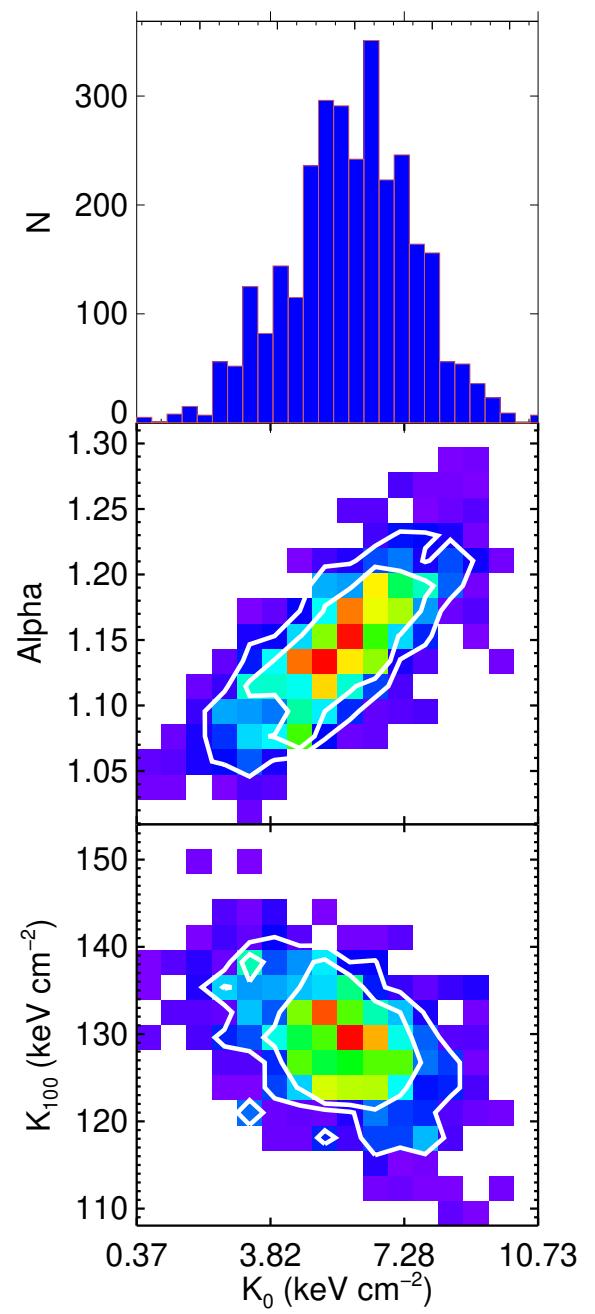
Median Alpha = 1.56+/- 0.06



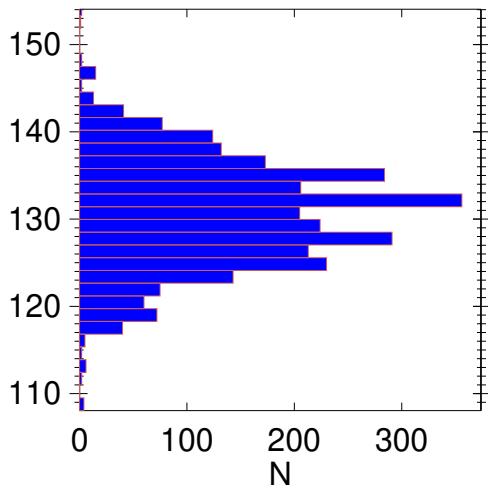
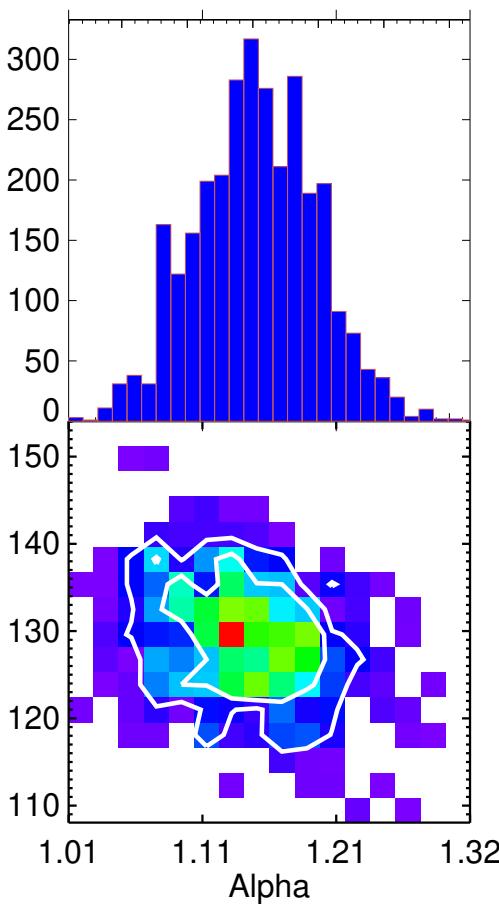


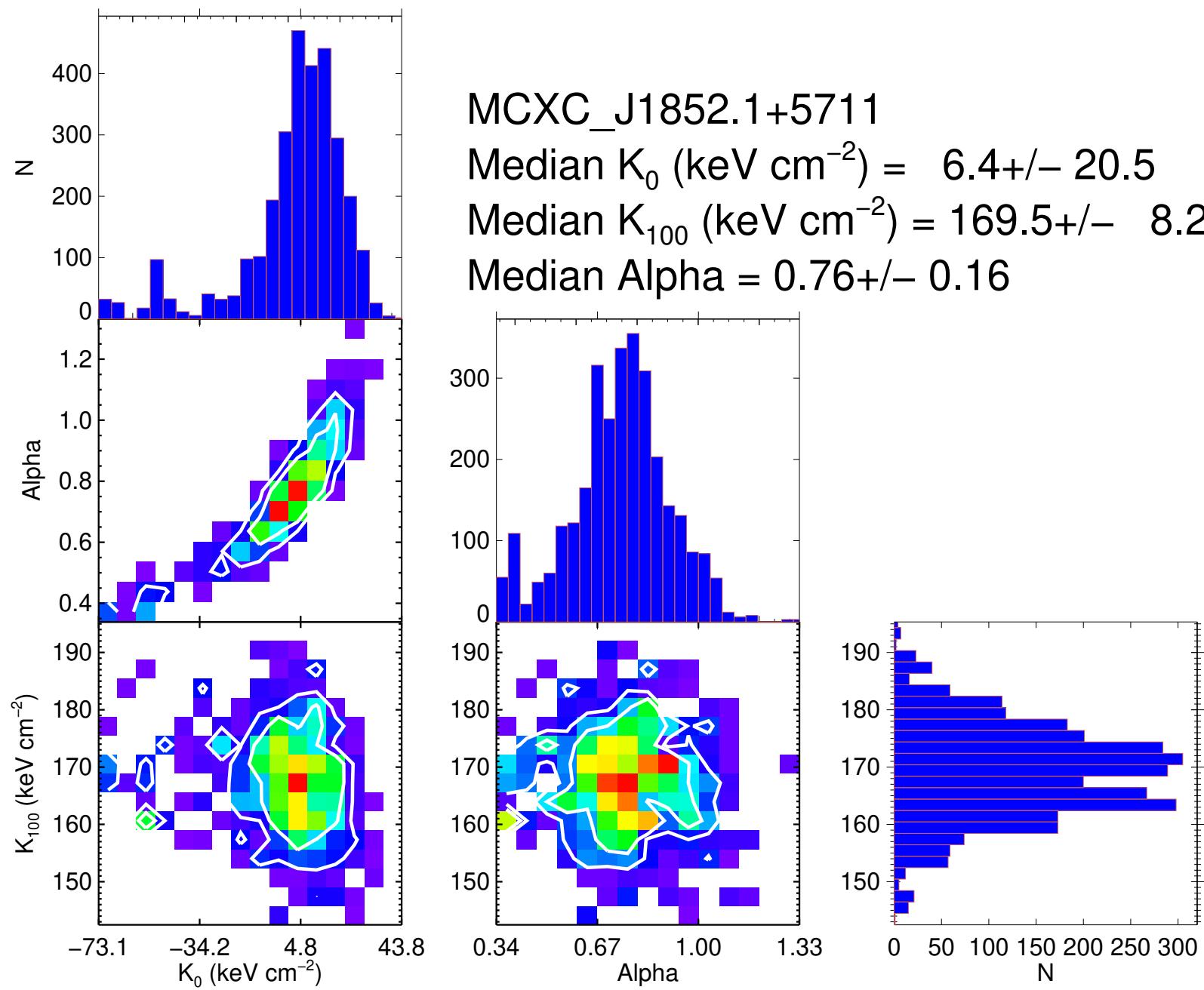
MCXC_J1558.3-1410
Median K_0 (keV cm $^{-2}$) = 19.3+/- 2.5
Median K_{100} (keV cm $^{-2}$) = 123.5+/- 3.6
Median Alpha = 1.13+/- 0.04

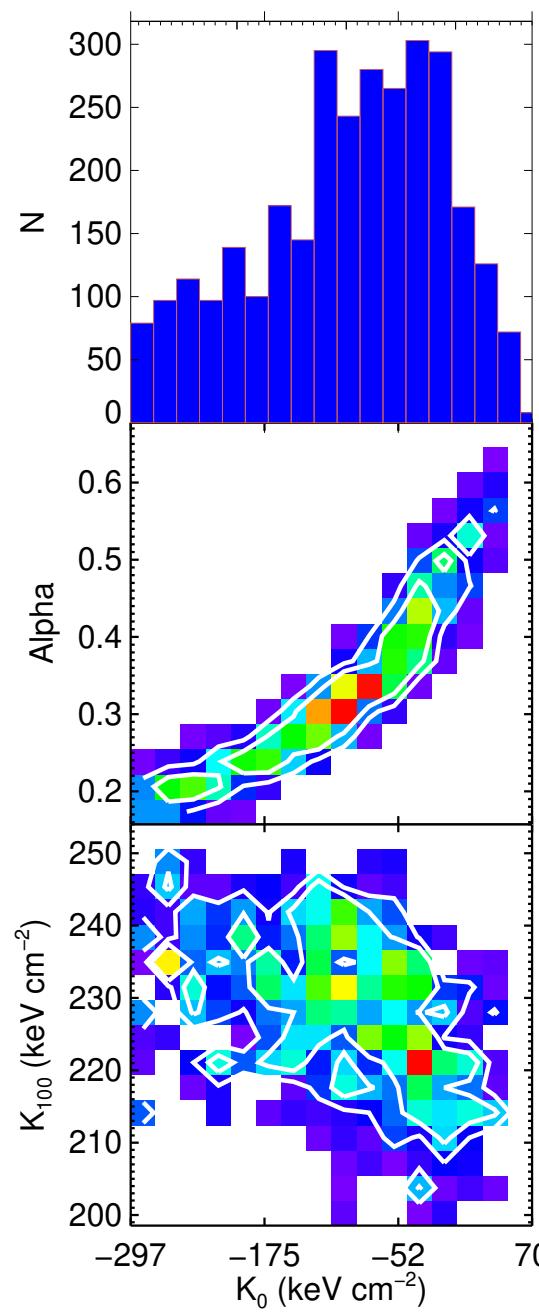




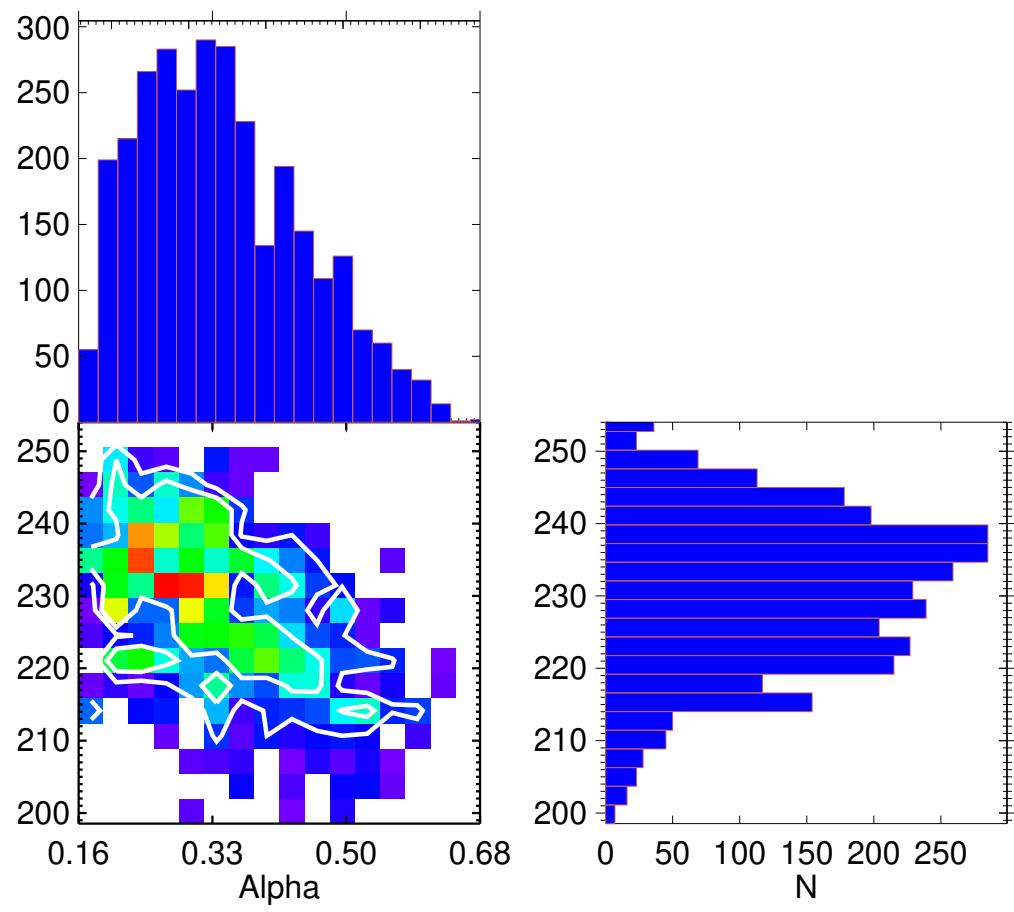
MCXC_J1750.2+3504
 Median K_0 (keV cm $^{-2}$) = 6.0 ± 1.6
 Median K_{100} (keV cm $^{-2}$) = 130.8 ± 6.0
 Median Alpha = 1.15 ± 0.05

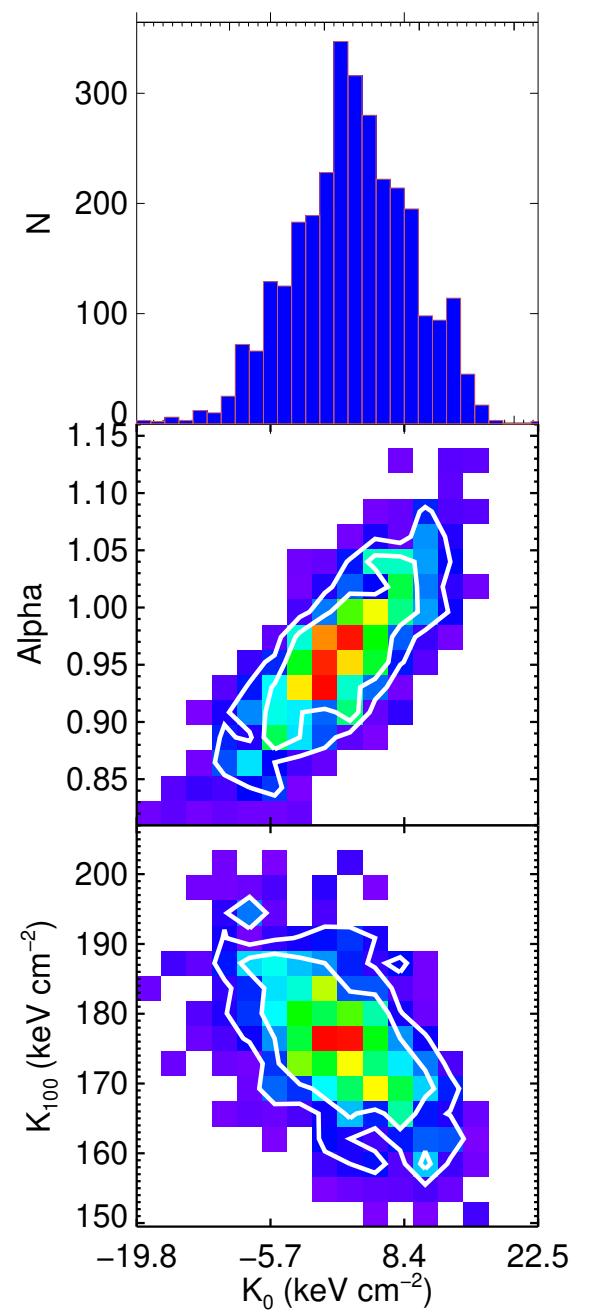




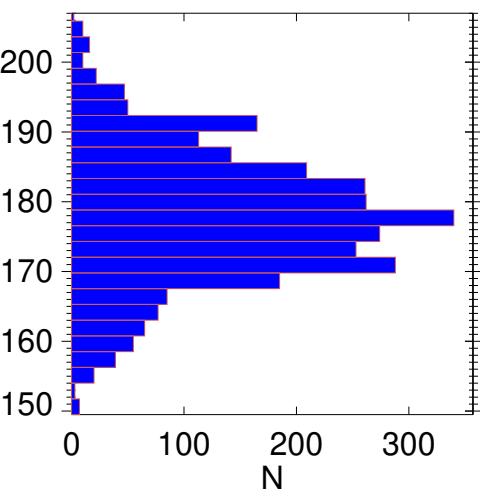
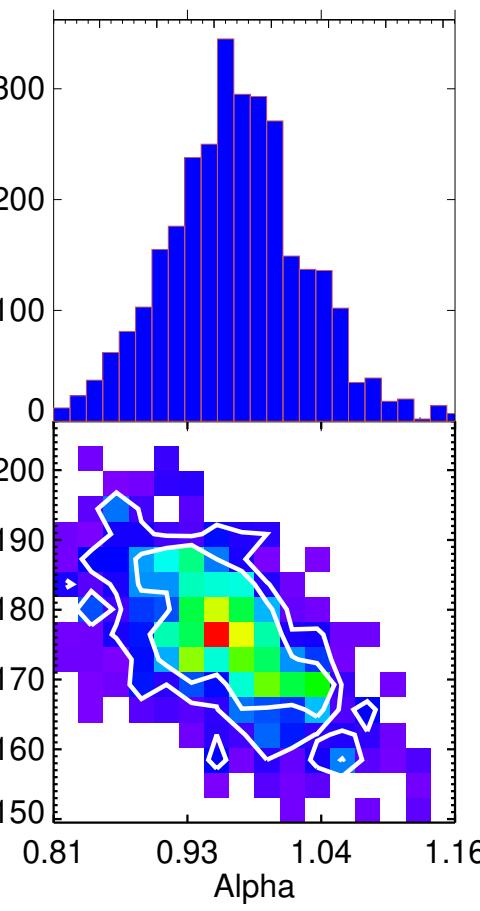


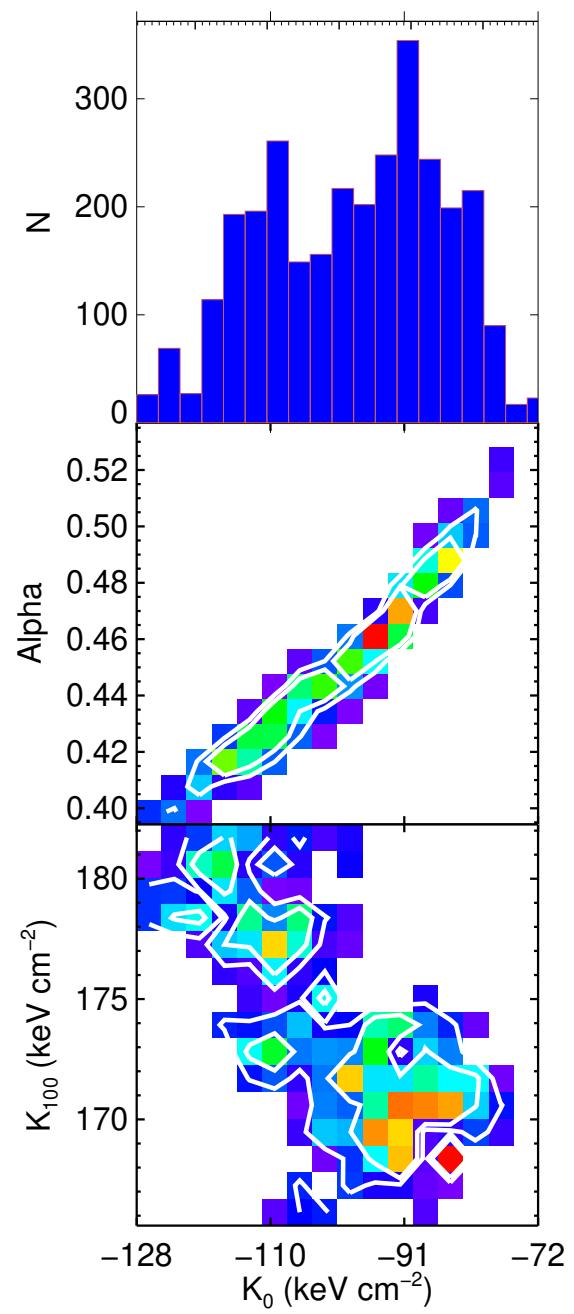
MCXC_J1853.9+6822
 Median K_0 (keV cm $^{-2}$) = $-86.6+/- 86.5$
 Median K_{100} (keV cm $^{-2}$) = $231.9+/- 10.6$
 Median Alpha = $0.33+/- 0.10$



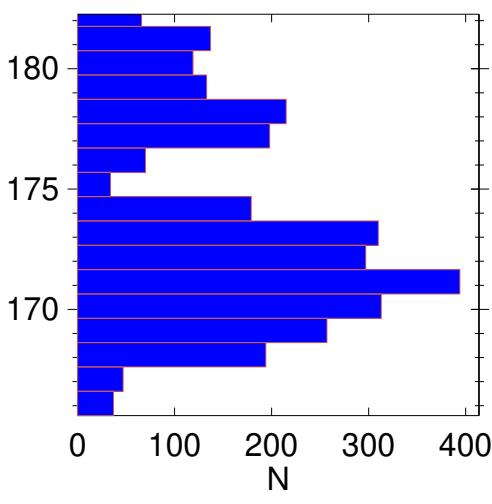
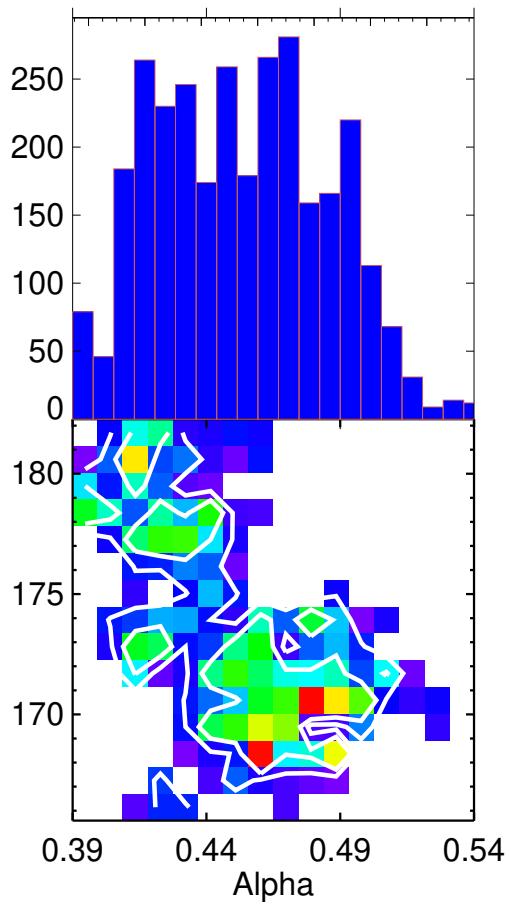


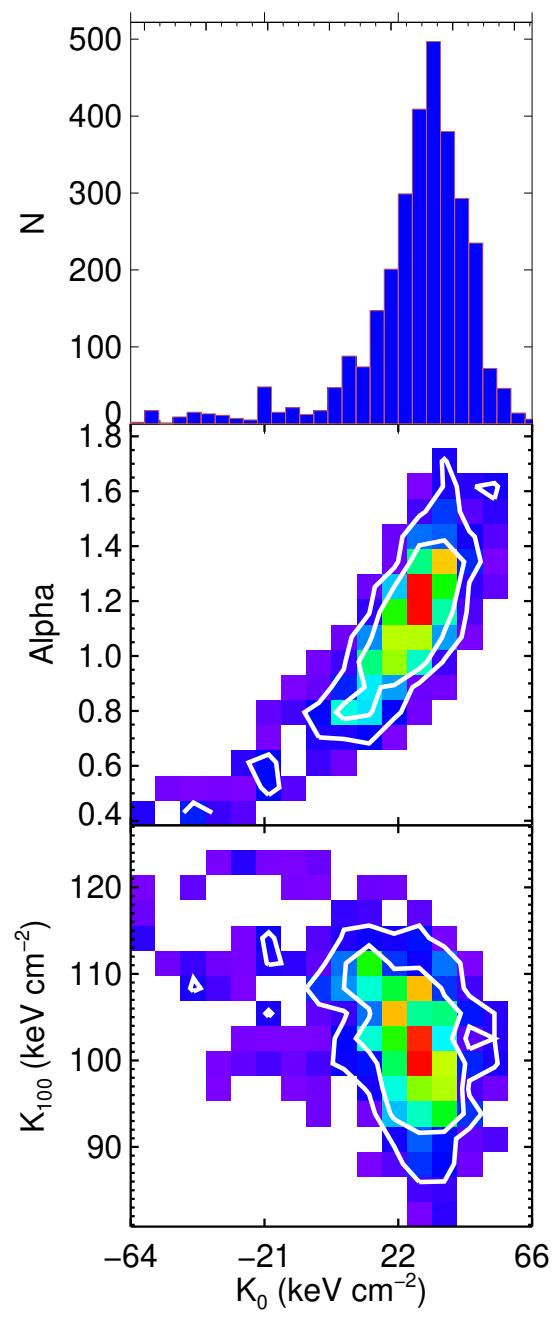
MCXC_J1947.3–7623
Median K_0 (keV cm $^{-2}$) = $3.1+/- 6.1$
Median K_{100} (keV cm $^{-2}$) = $177.3+/- 9.3$
Median Alpha = $0.97+/- 0.06$



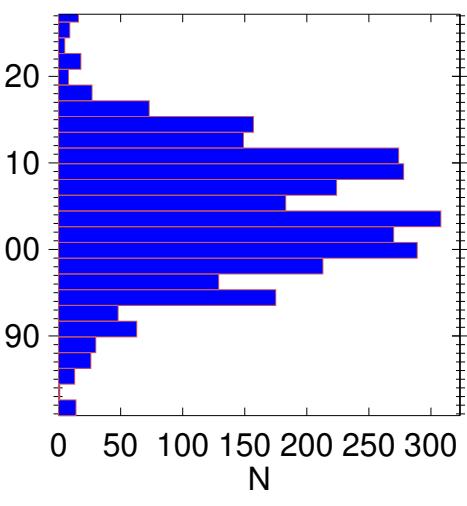
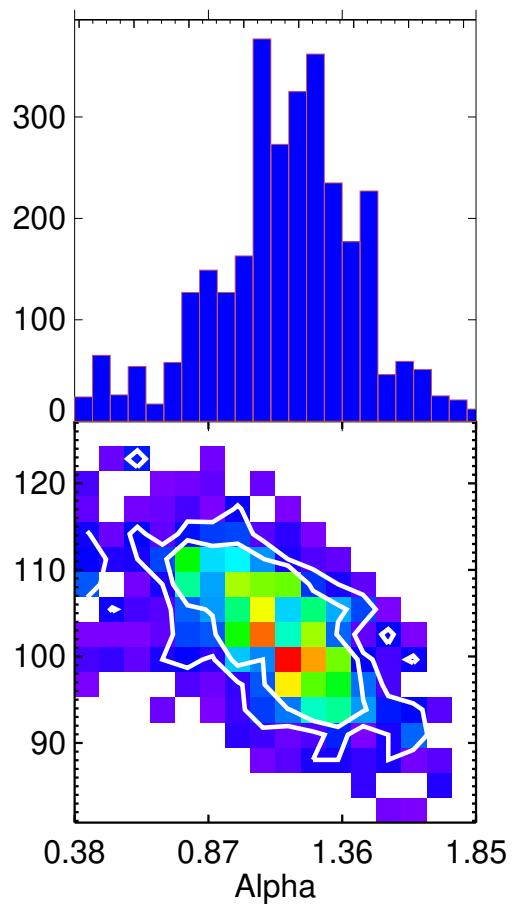


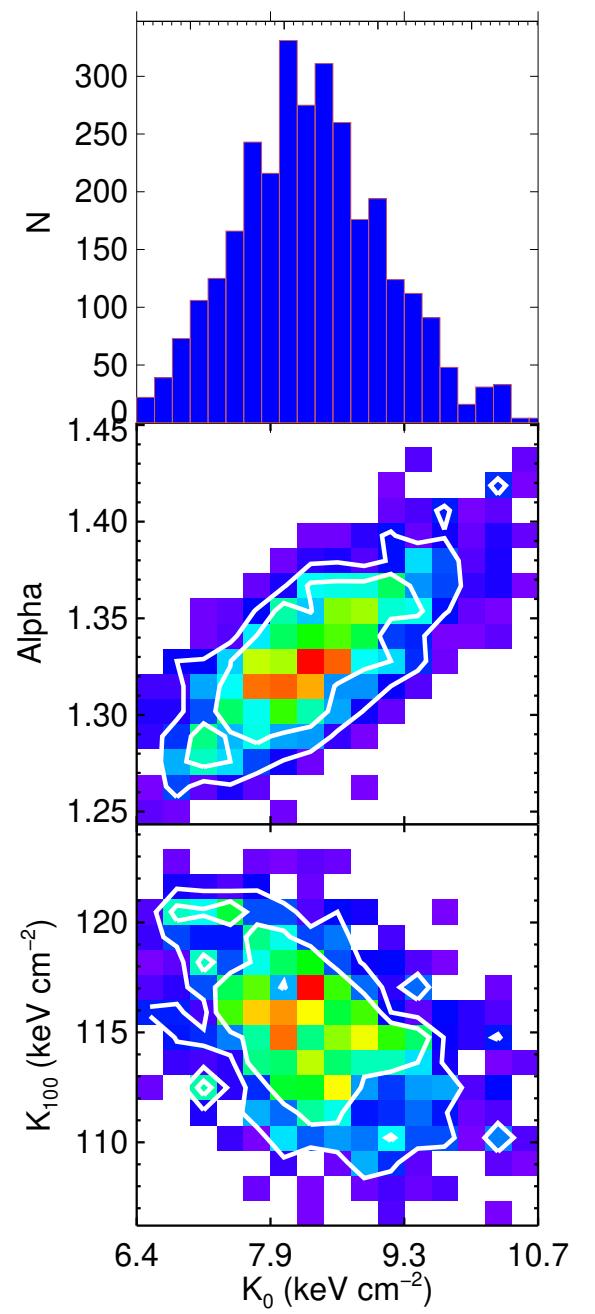
MCXC_J2003.5–2323
 Median K_0 (keV cm $^{-2}$) = -96.5 ± 12.4
 Median K_{100} (keV cm $^{-2}$) = 172.5 ± 4.2
 Median Alpha = 0.45 ± 0.03



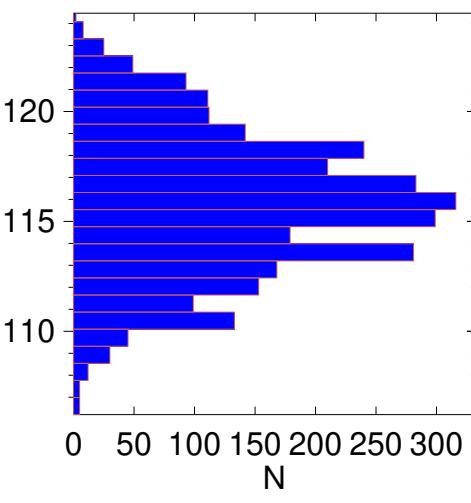
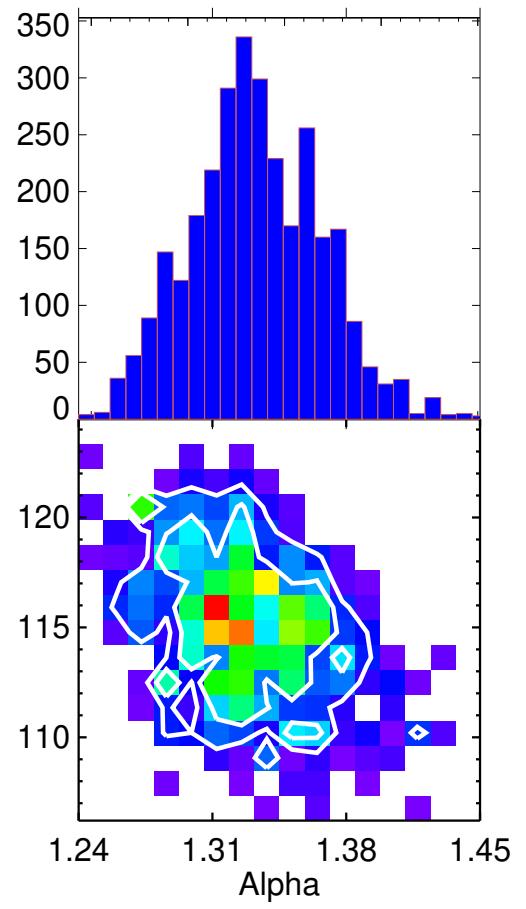


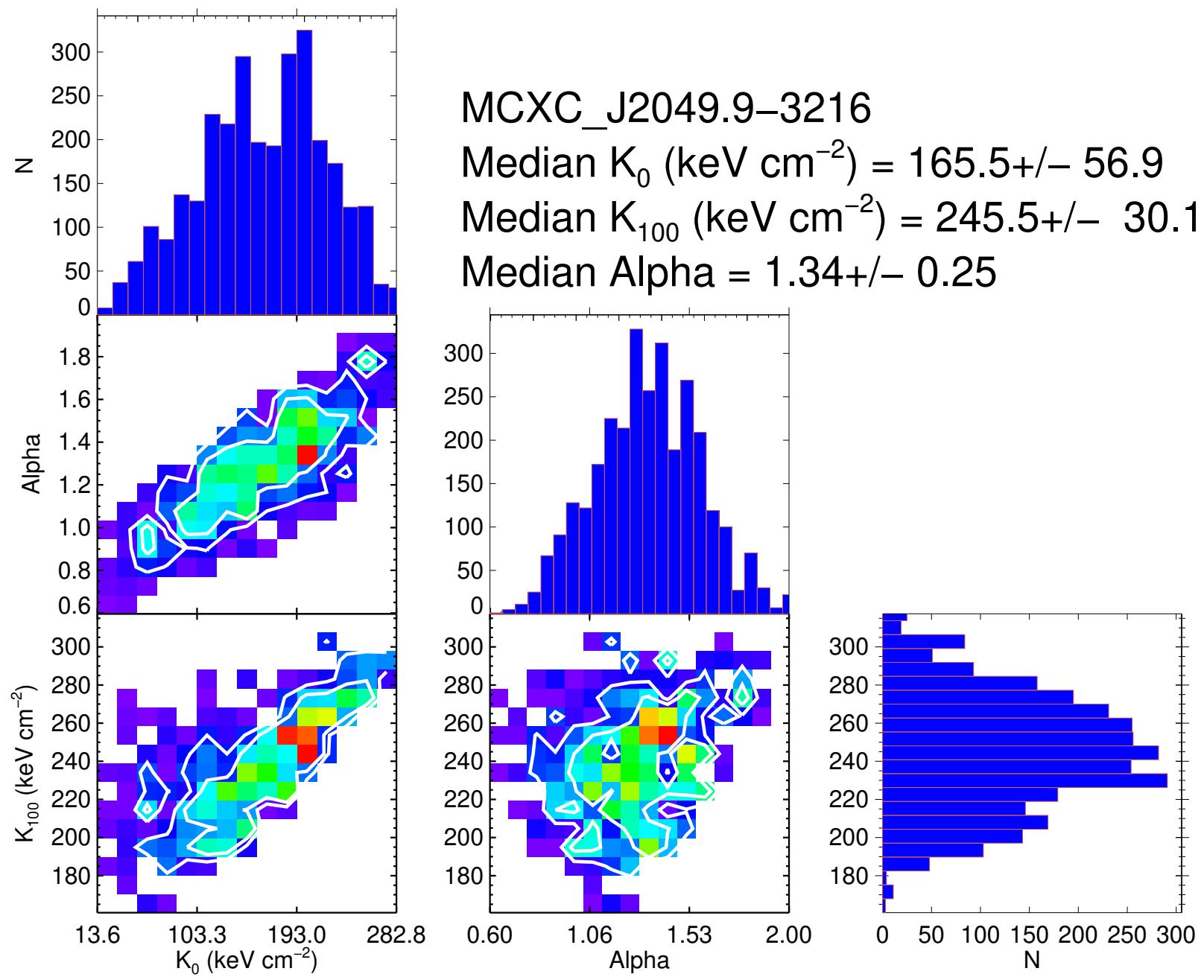
MCXC_J2011.3-5725
 Median K_0 (keV cm $^{-2}$) = $31.9+/- 18.8$
 Median K_{100} (keV cm $^{-2}$) = $104.1+/- 7.5$
 Median Alpha = $1.17+/- 0.27$

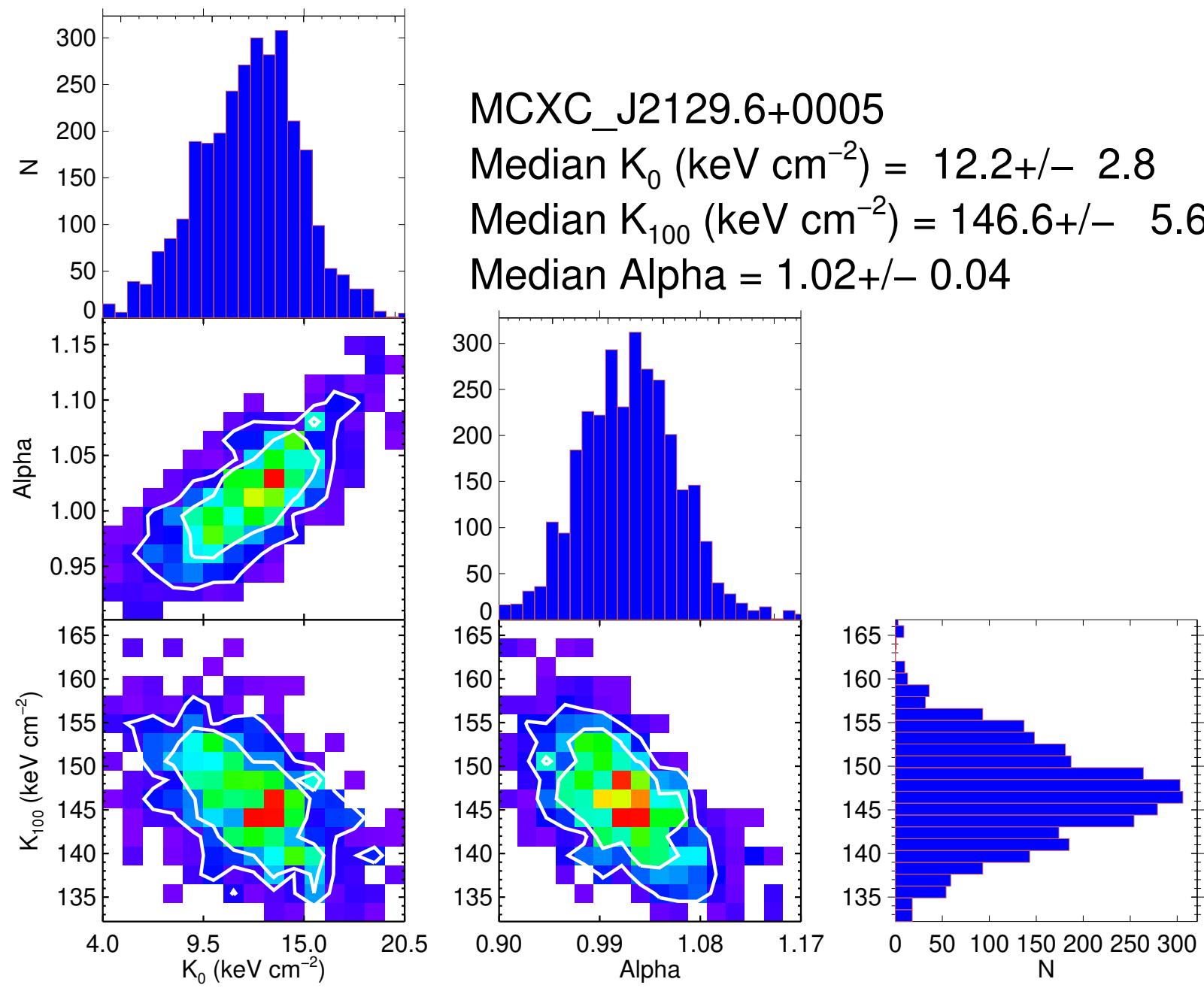


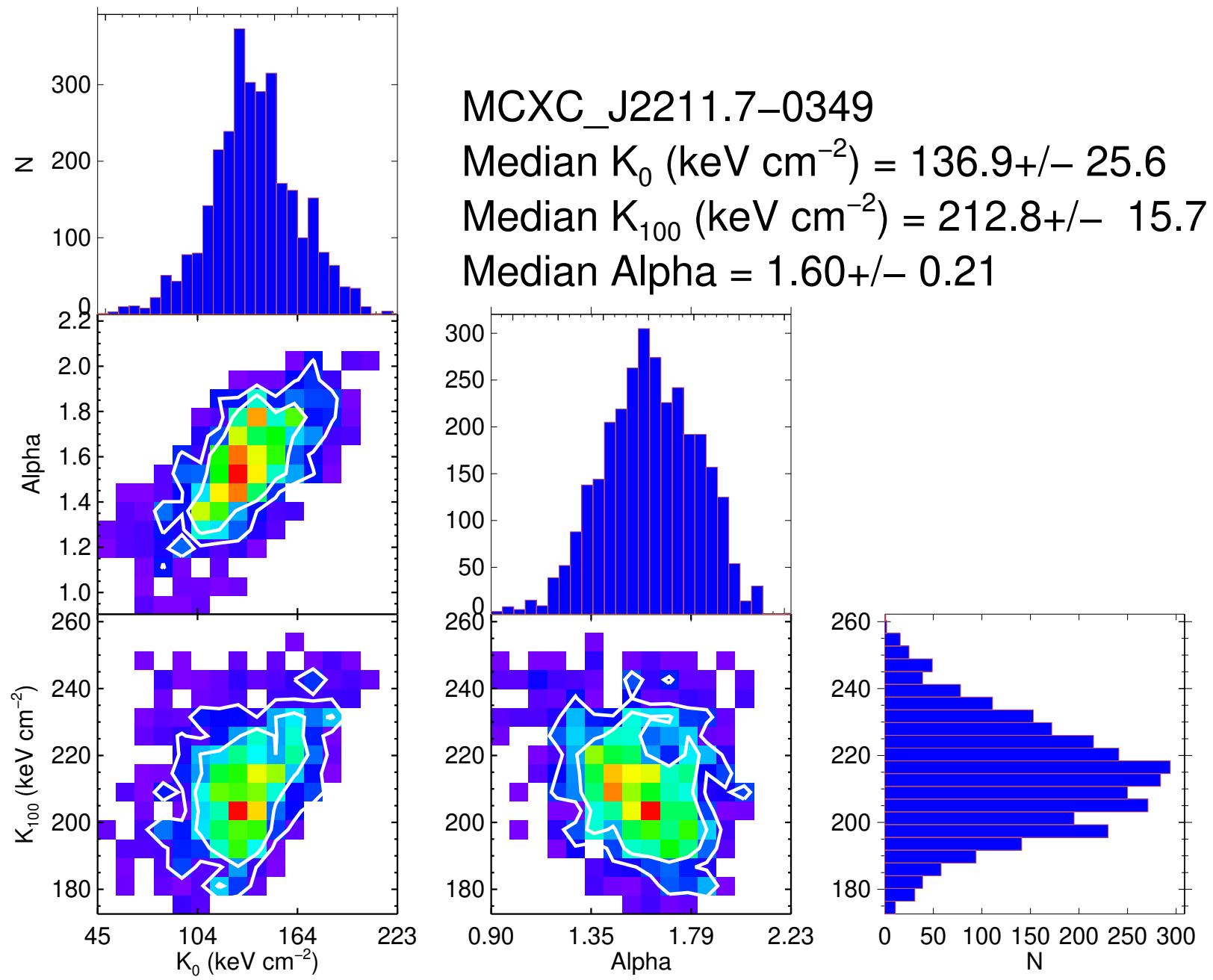


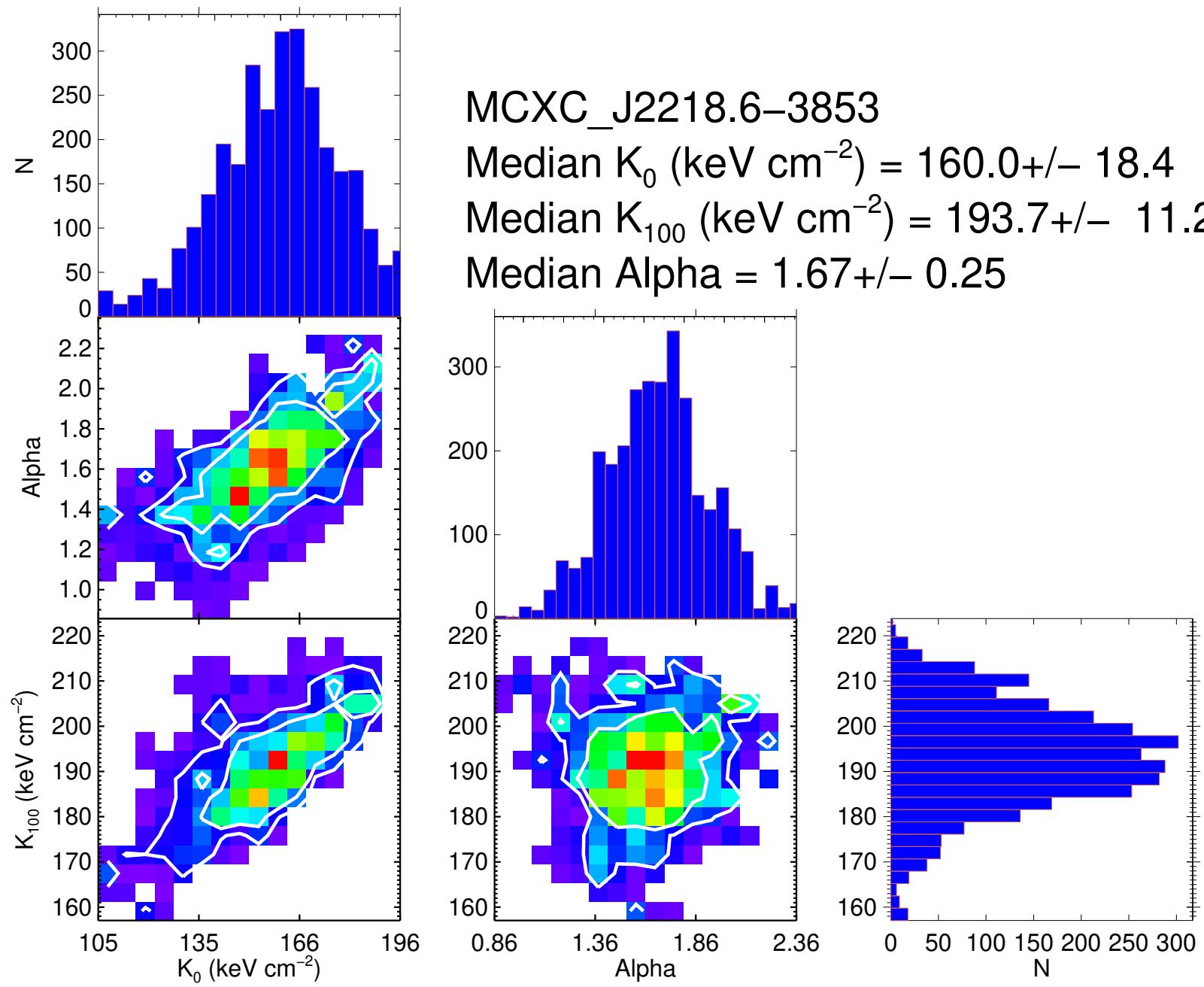
MCXC_J2014.8–2430
 Median K_0 (keV cm $^{-2}$) = 8.3+/- 0.8
 Median K_{100} (keV cm $^{-2}$) = 115.8+/- 3.2
 Median Alpha = 1.33+/- 0.03

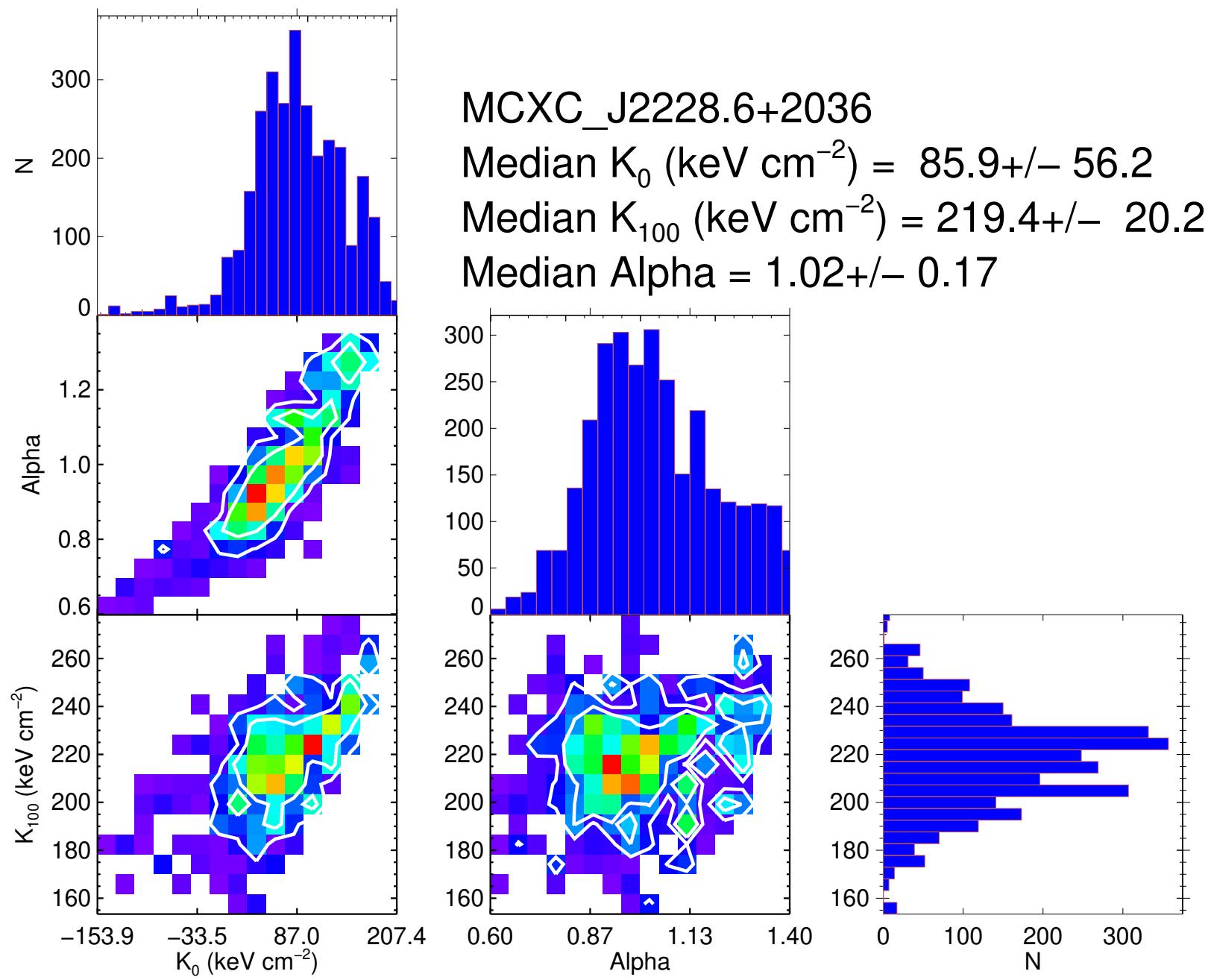


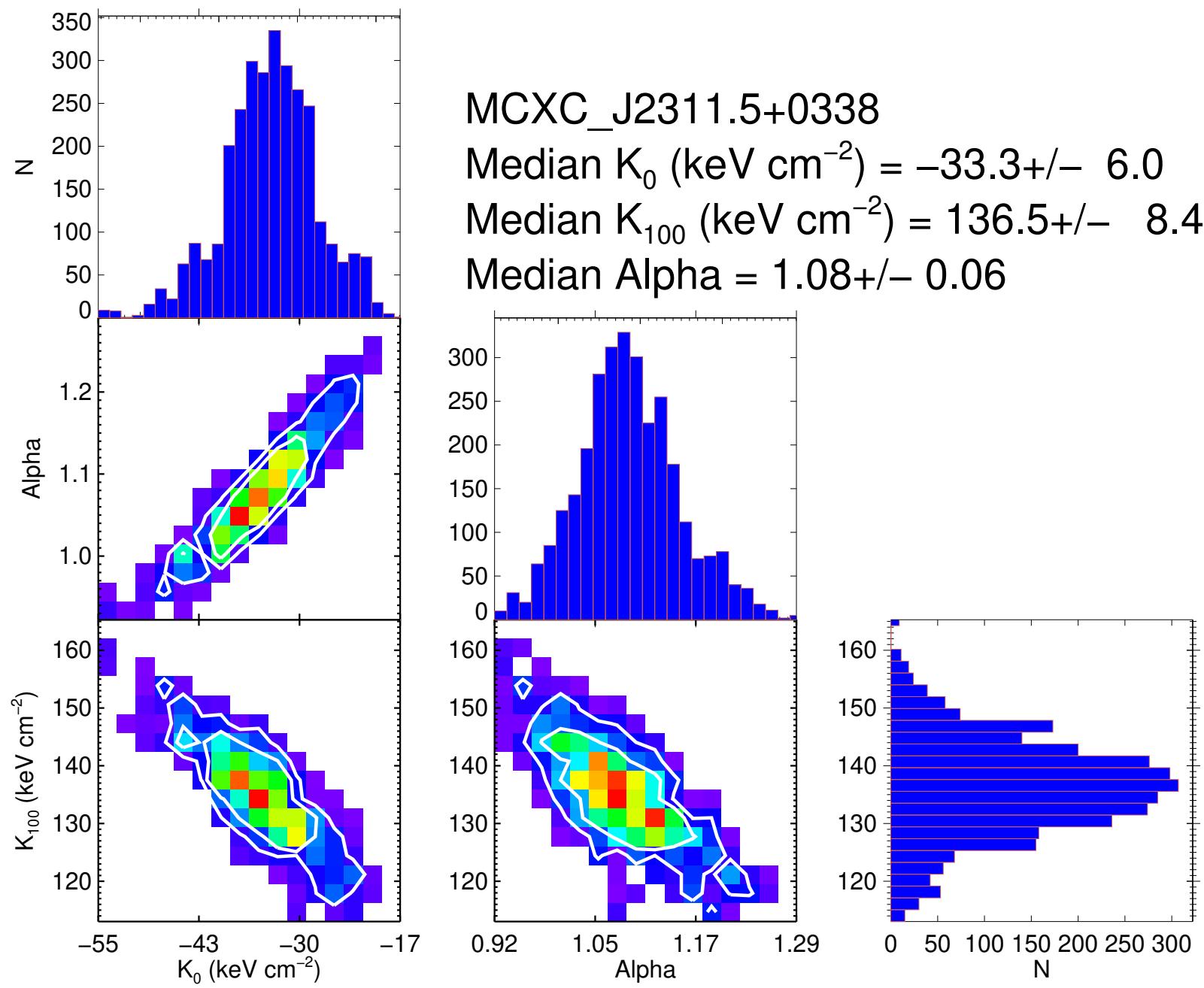


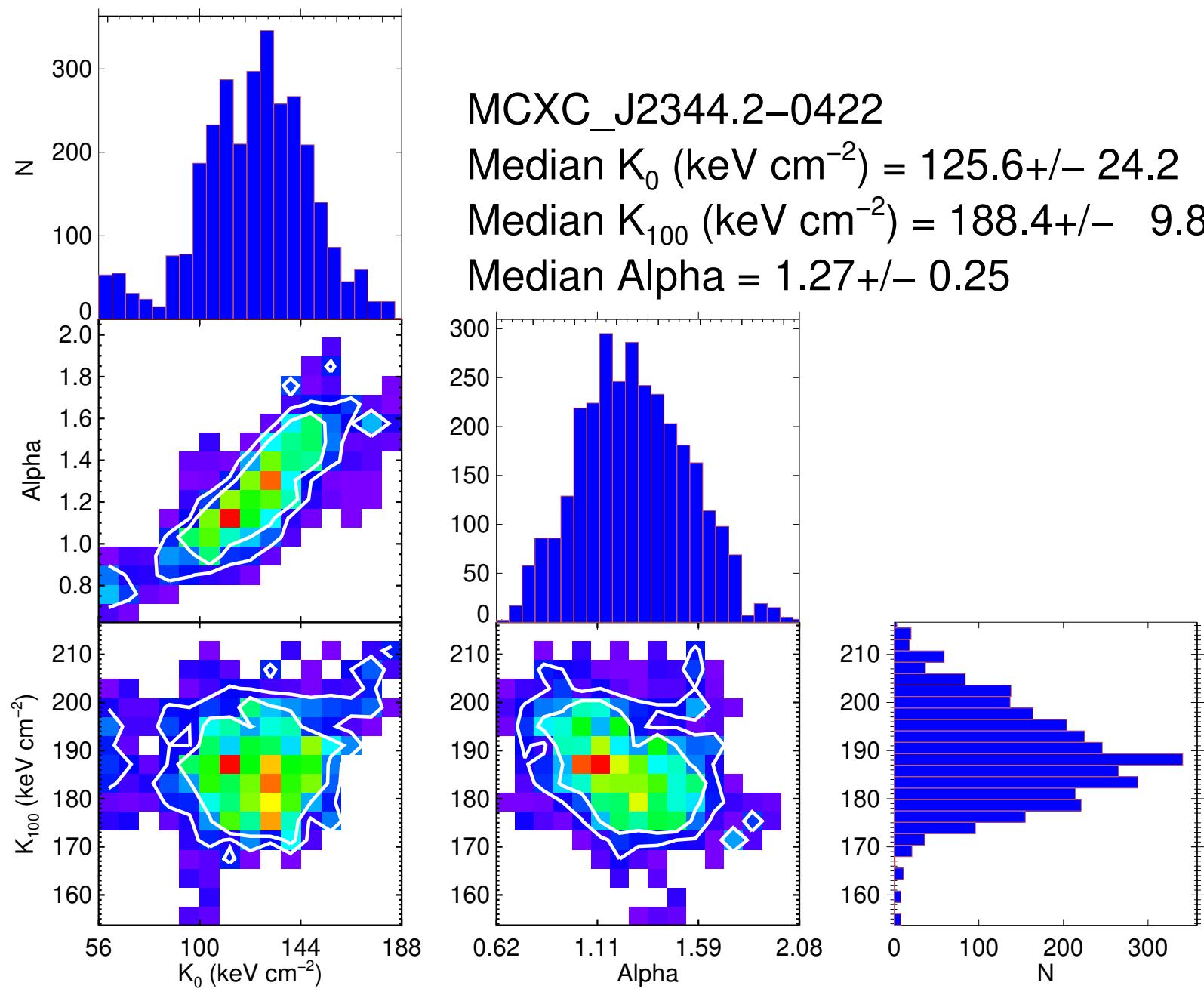




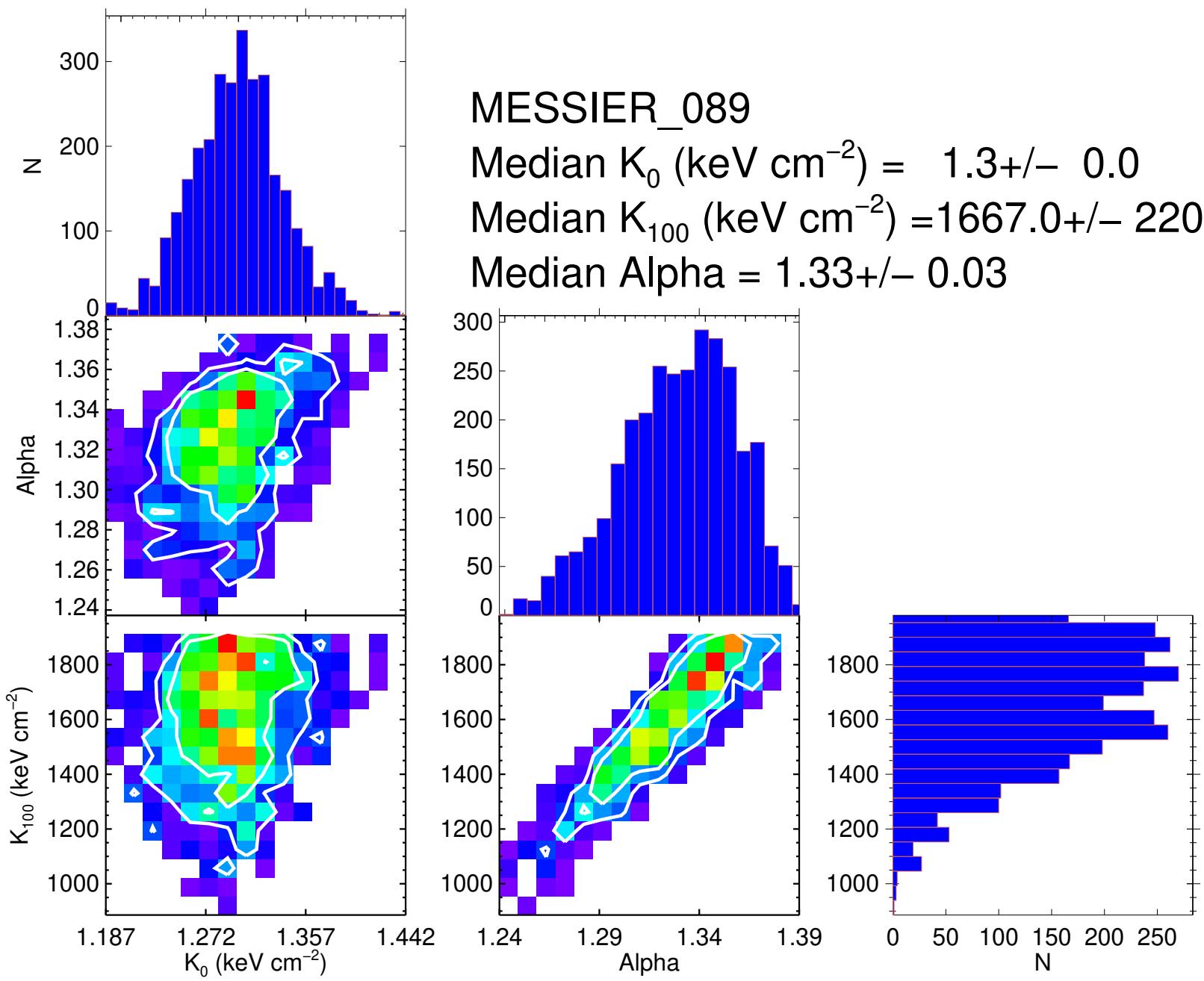


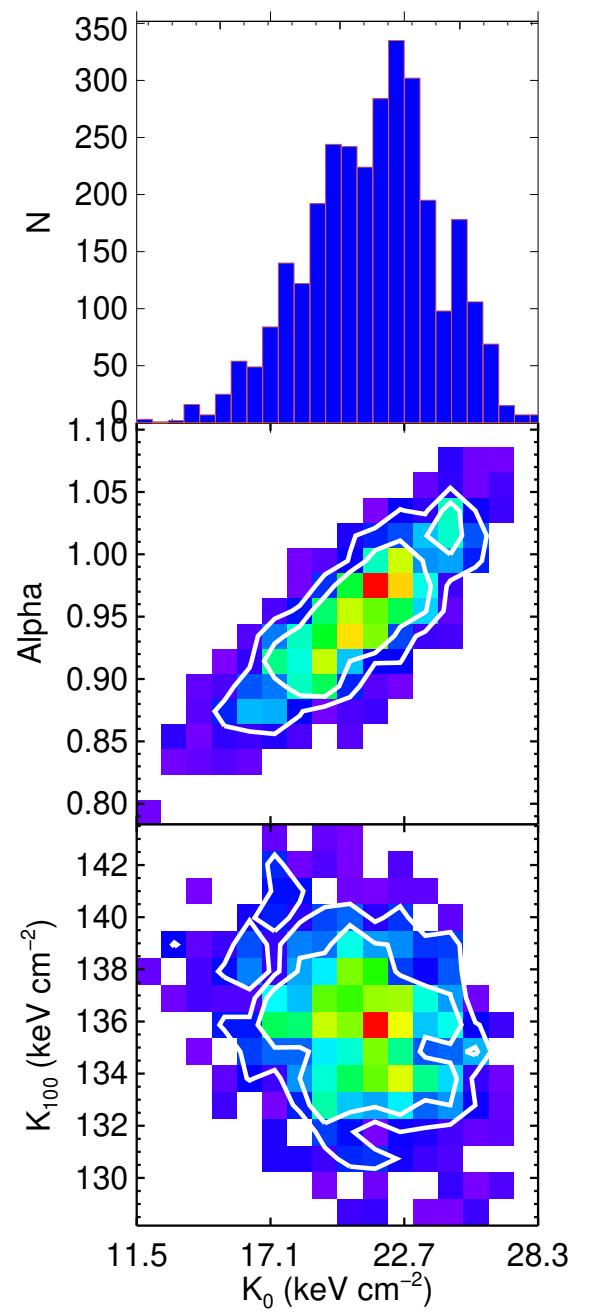




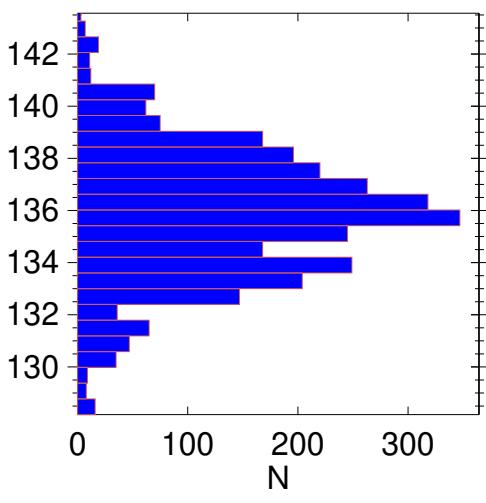
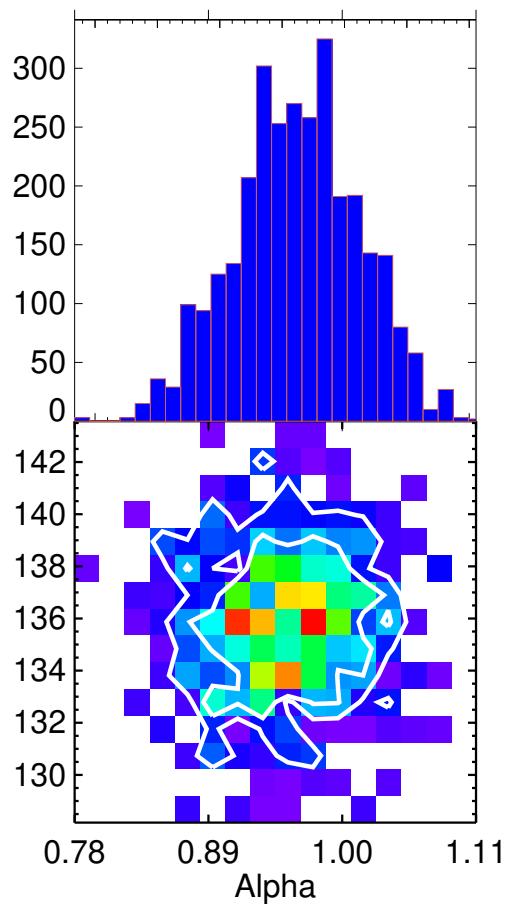


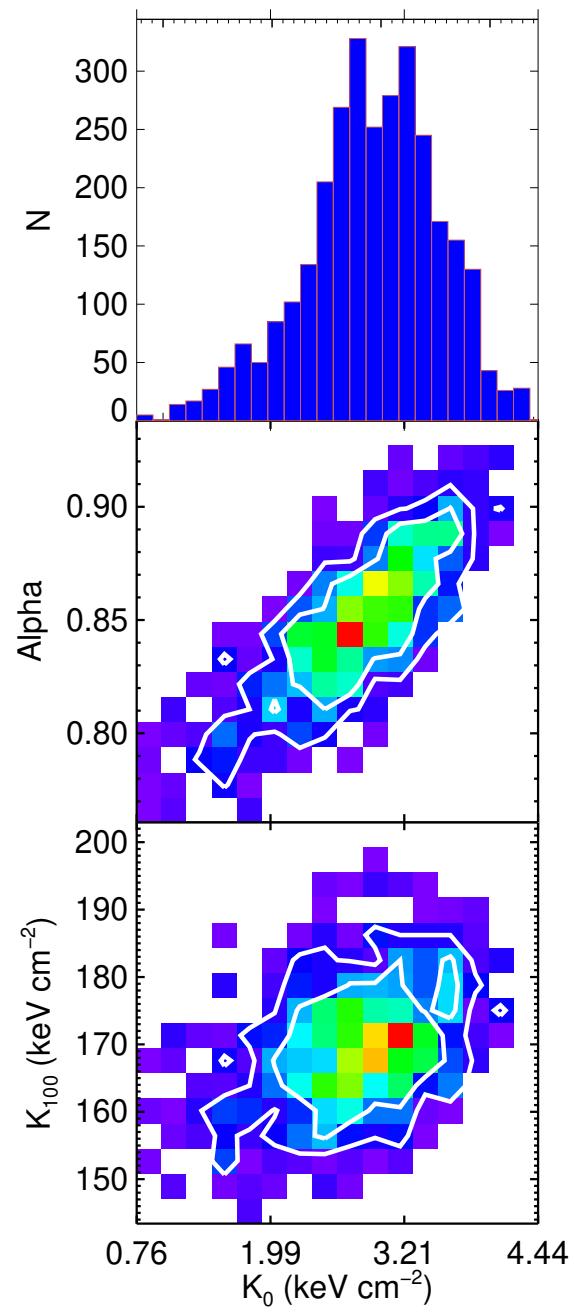
MCMC fail for K0 model fit for MESSIER_049





MKW_03s
 Median K_0 (keV cm $^{-2}$) = $21.5+/- 2.7$
 Median K_{100} (keV cm $^{-2}$) = $135.9+/- 2.5$
 Median Alpha = $0.96+/- 0.05$



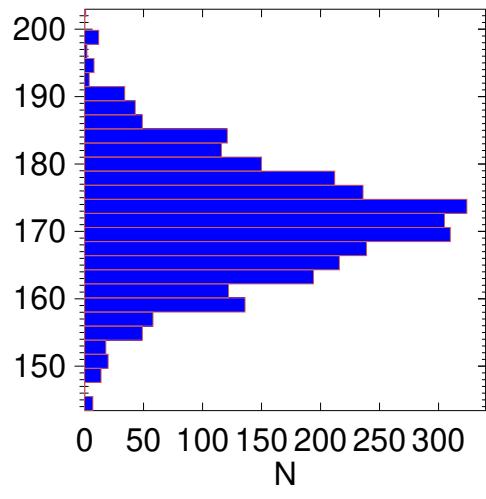
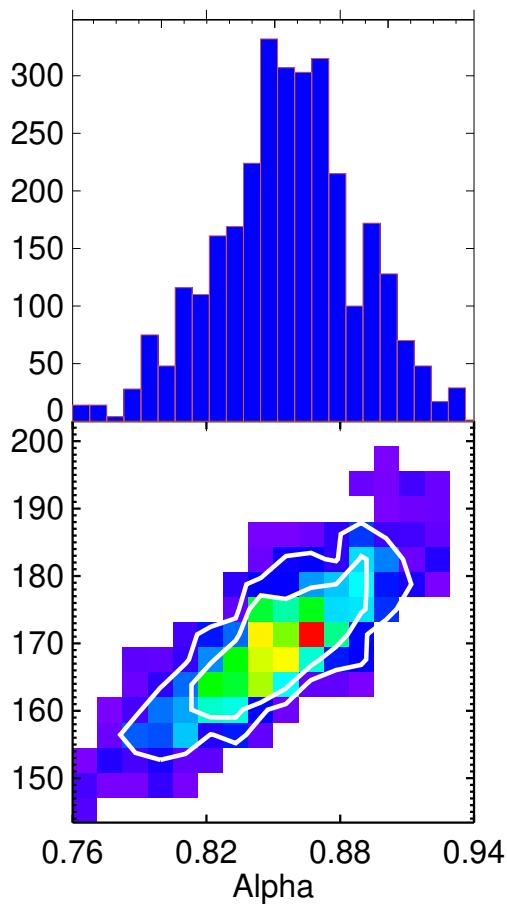


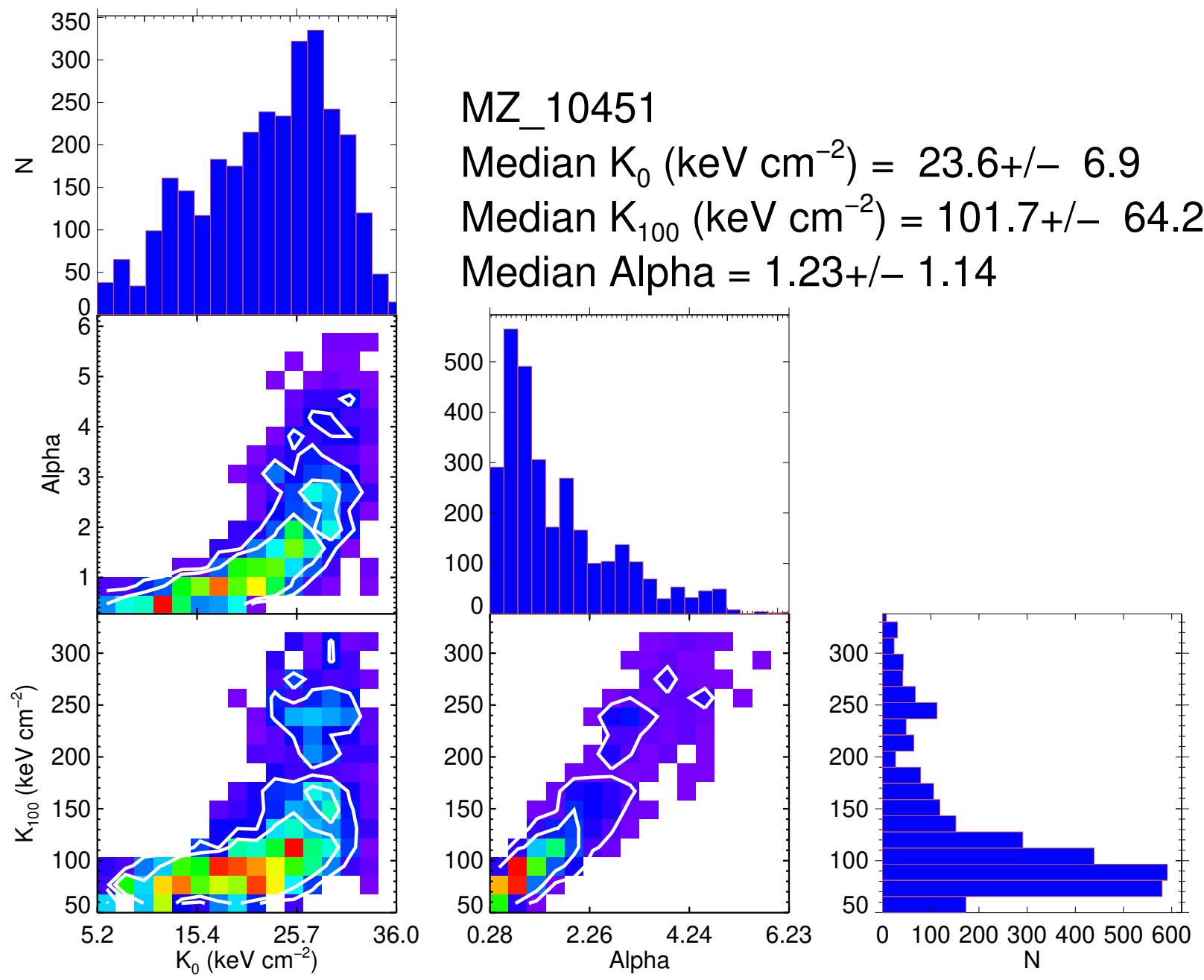
MKW_04

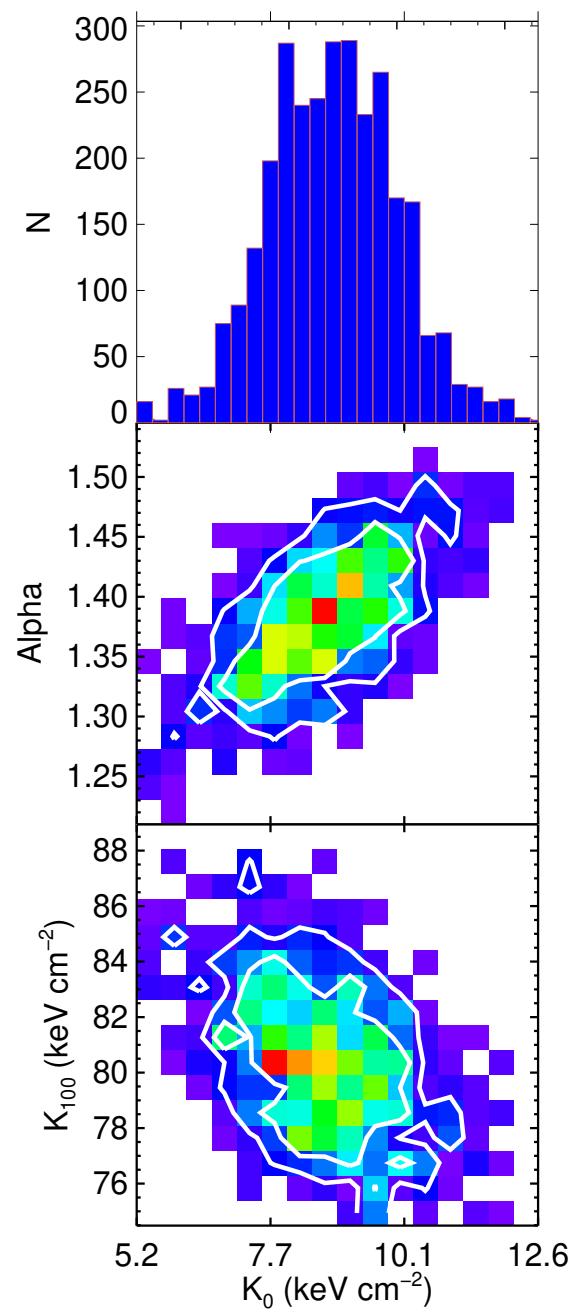
Median K_0 (keV cm $^{-2}$) = 3.0+/- 0.6

Median K_{100} (keV cm $^{-2}$) = 171.4+/- 8.6

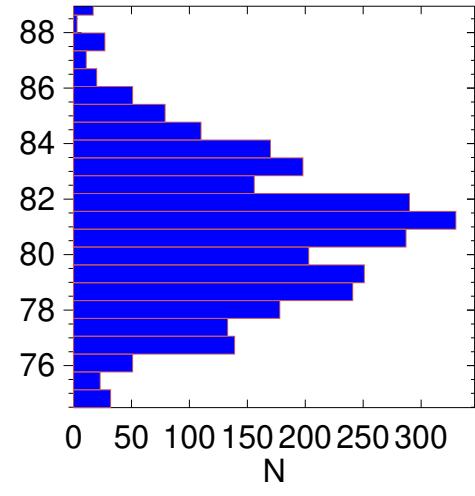
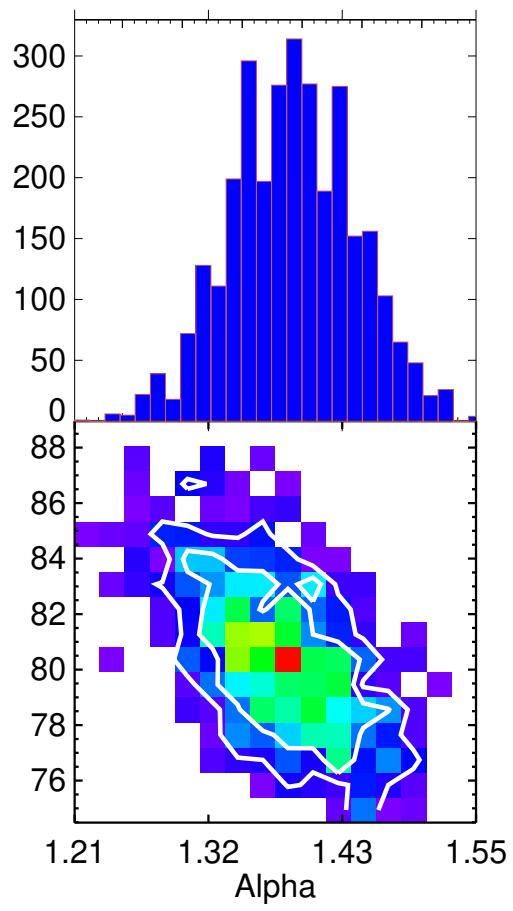
Median Alpha = 0.86+/- 0.03

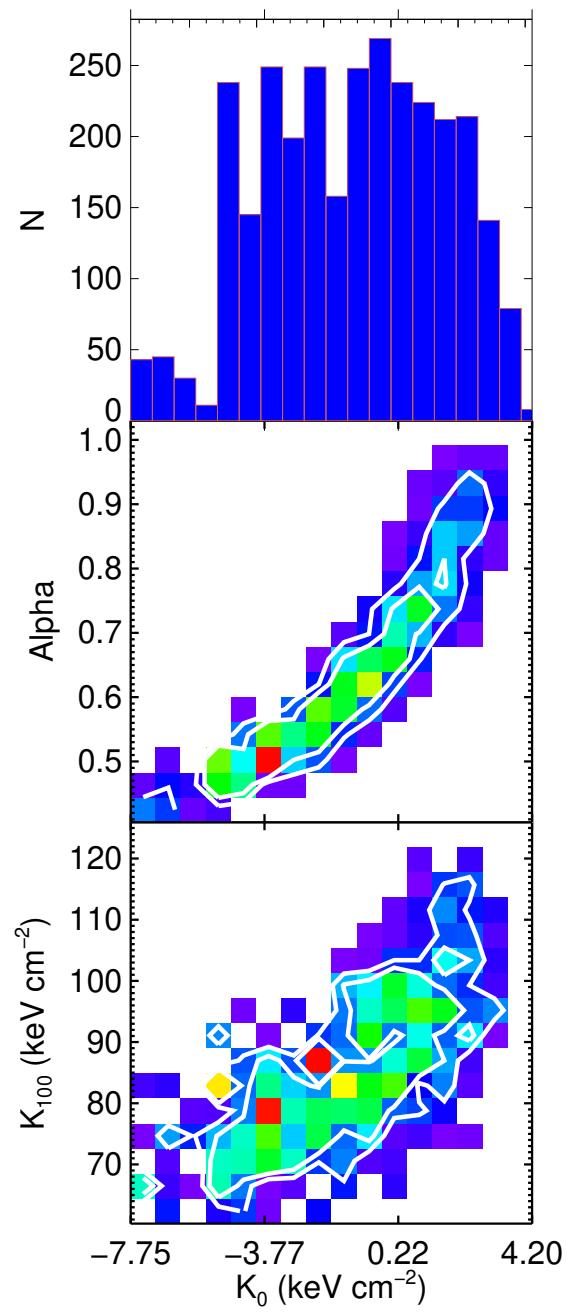






MaxBCG_J016.70077+01.05926
 Median K_0 (keV cm $^{-2}$) = 8.8+/- 1.2
 Median K_{100} (keV cm $^{-2}$) = 80.9+/- 2.6
 Median Alpha = 1.39+/- 0.05



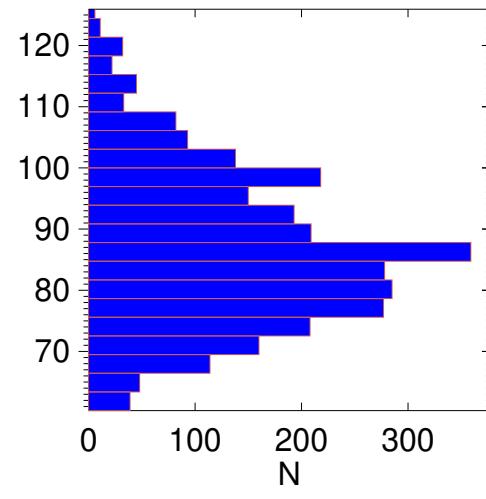
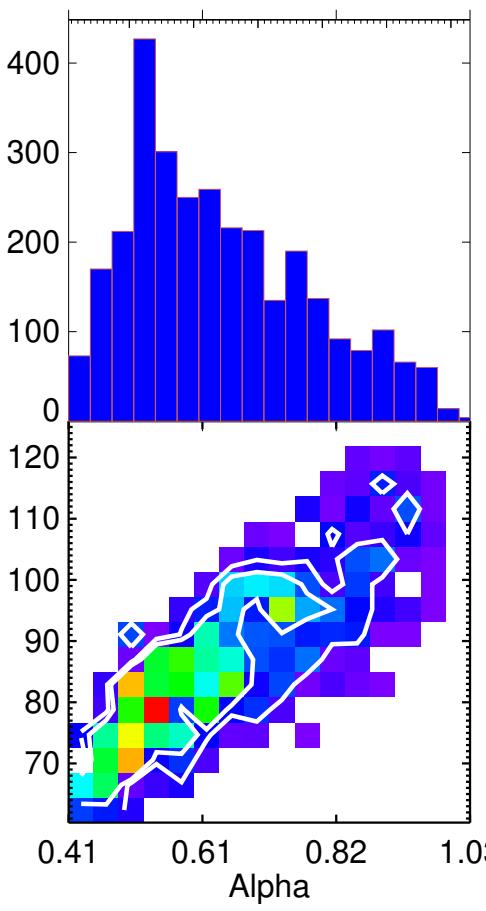


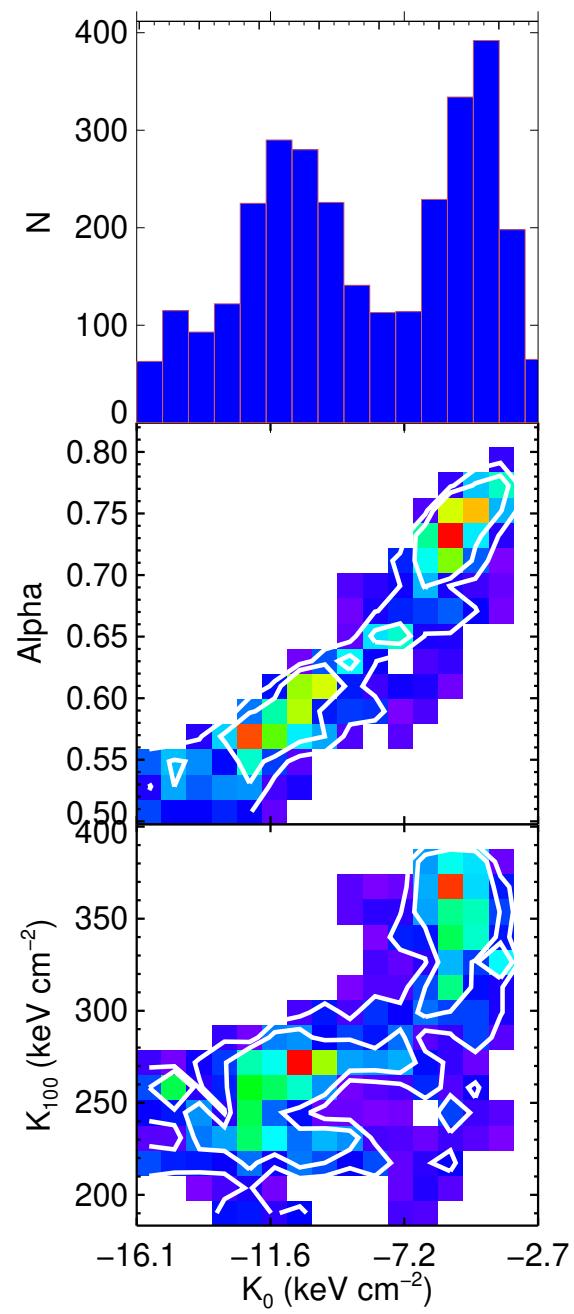
NGC4936–offset2

Median K_0 (keV cm $^{-2}$) = -0.9 ± 2.7

Median K_{100} (keV cm $^{-2}$) = 85.6 ± 12.6

Median Alpha = 0.61 ± 0.14



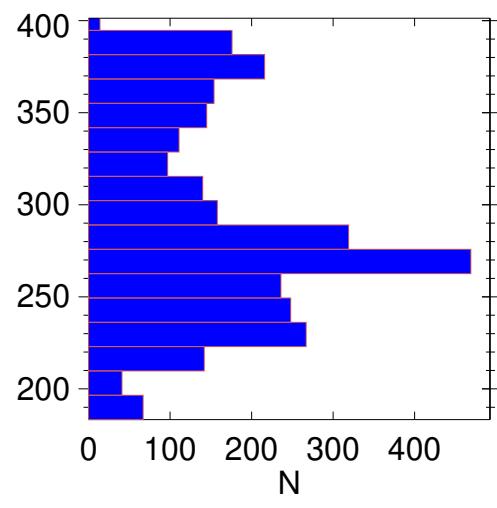
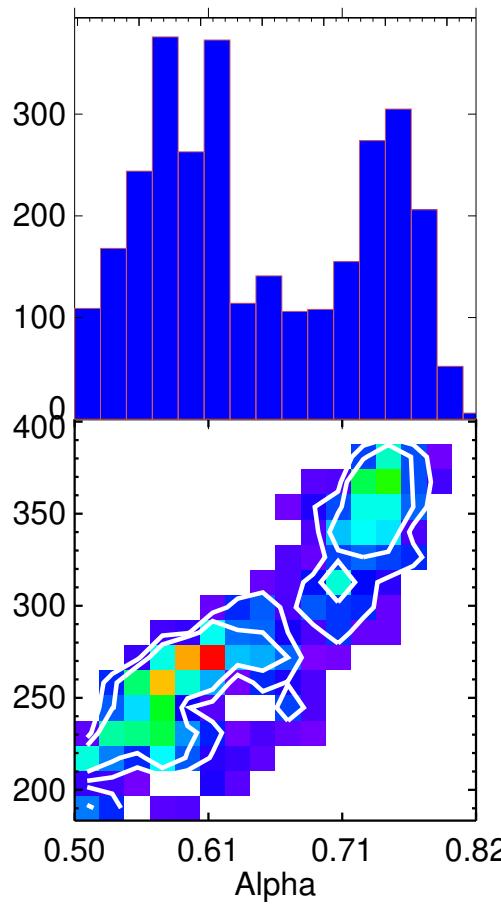


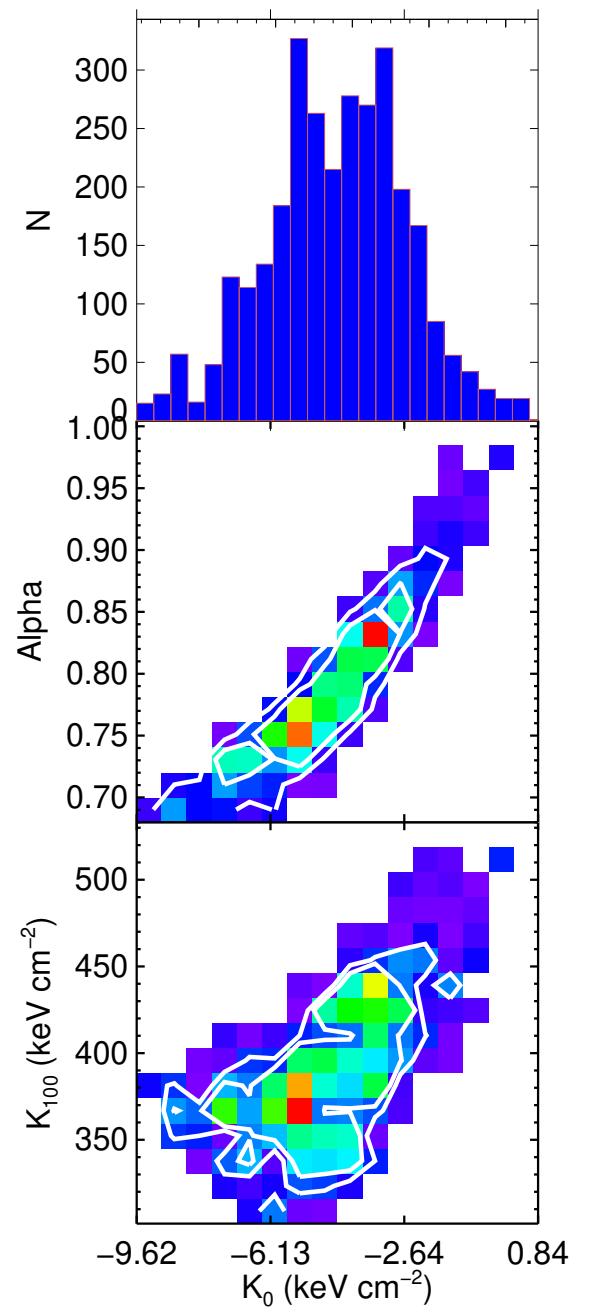
NGC5419–offset1

Median K_0 (keV cm $^{-2}$) = -8.7 ± 3.6

Median K_{100} (keV cm $^{-2}$) = 277.3 ± 54.4

Median Alpha = 0.62 ± 0.09



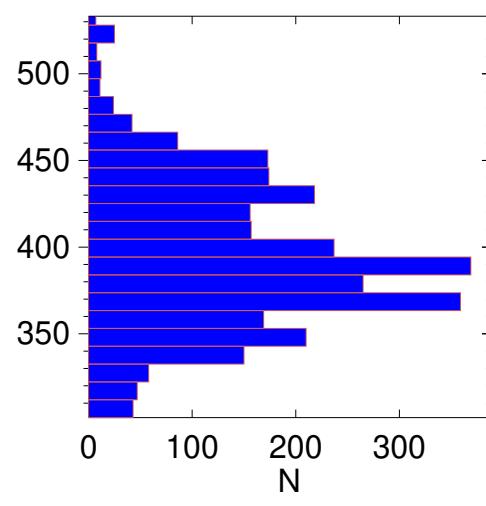
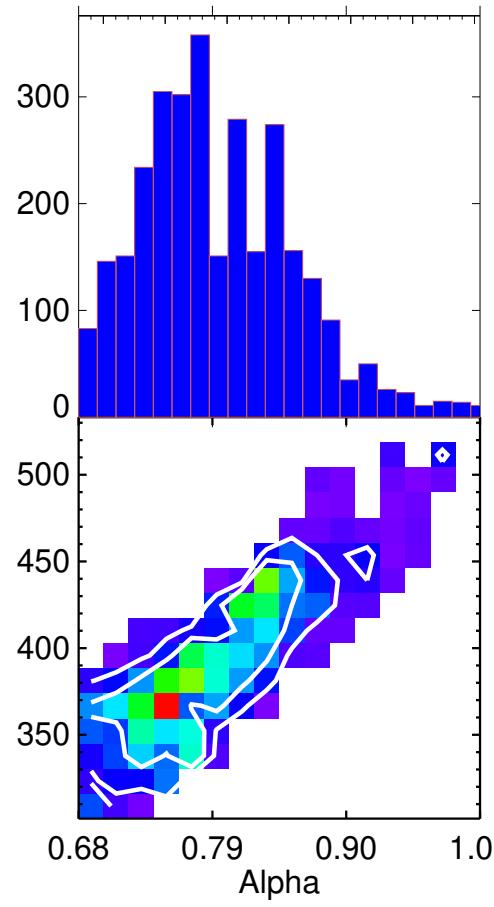


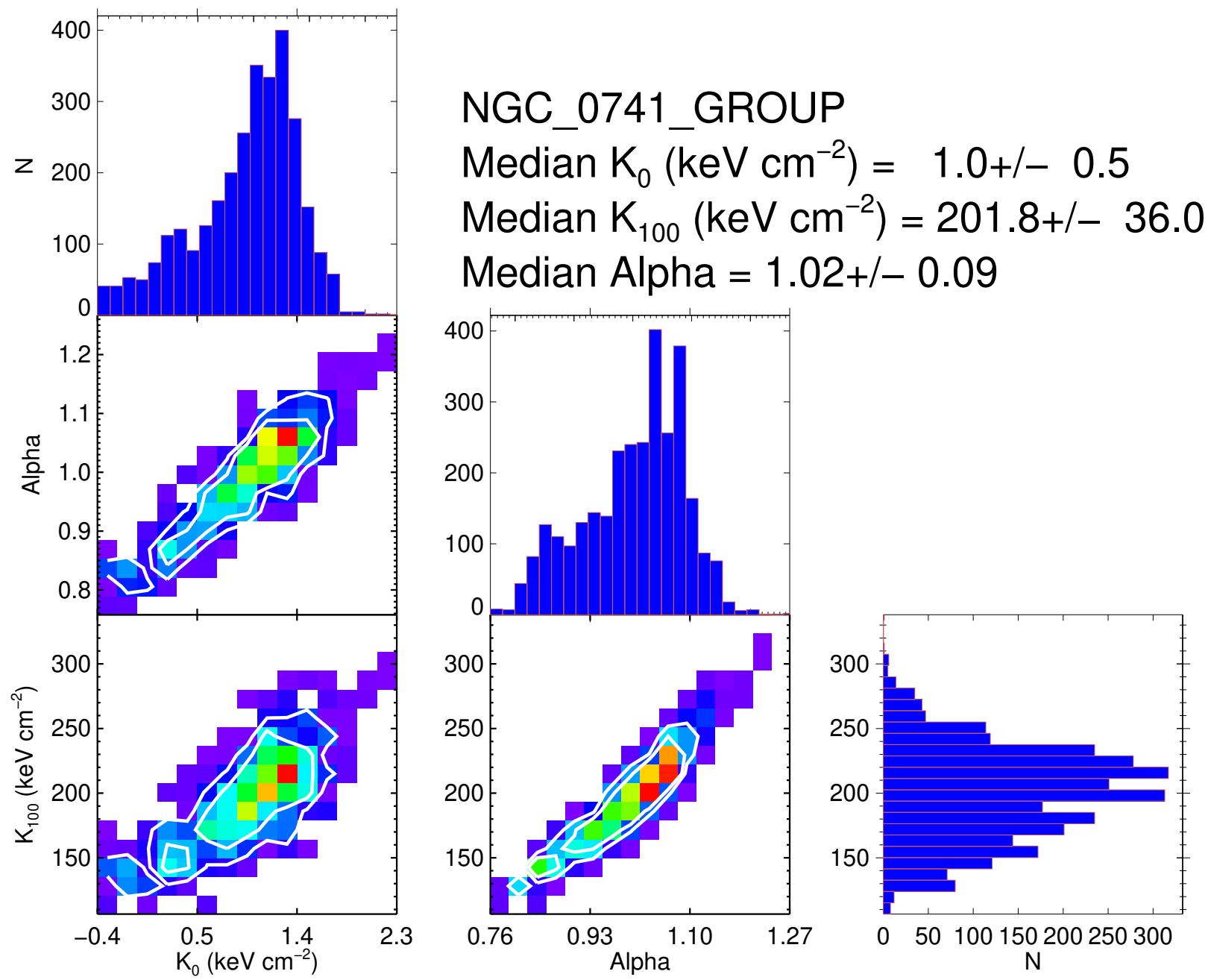
NGC5419–offset2

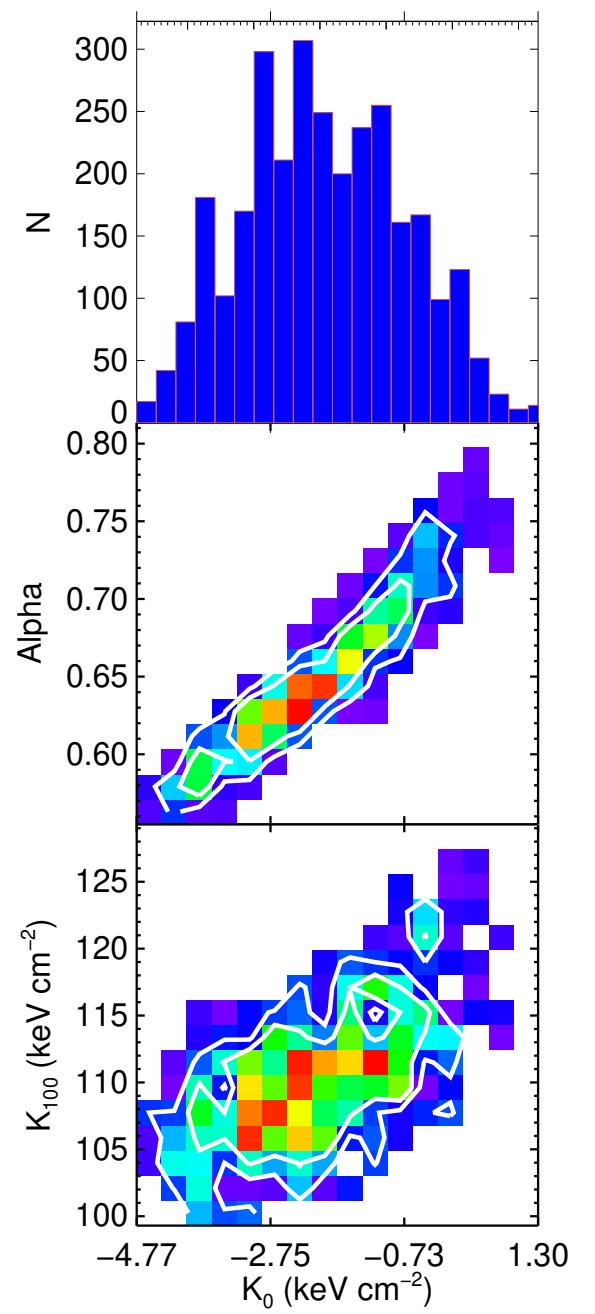
Median K_0 (keV cm $^{-2}$) = $-4.3+/- 1.8$

Median K_{100} (keV cm $^{-2}$) = $390.1+/- 42.4$

Median Alpha = $0.78+/- 0.06$





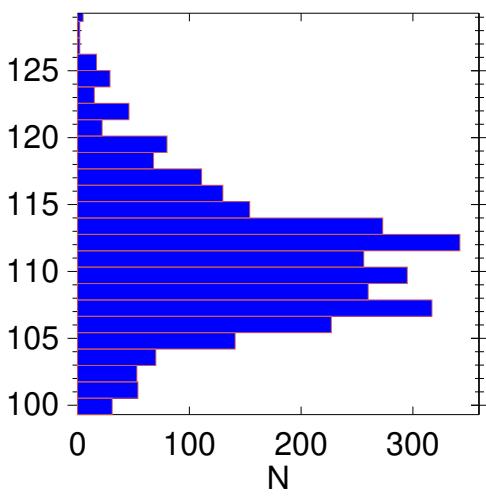
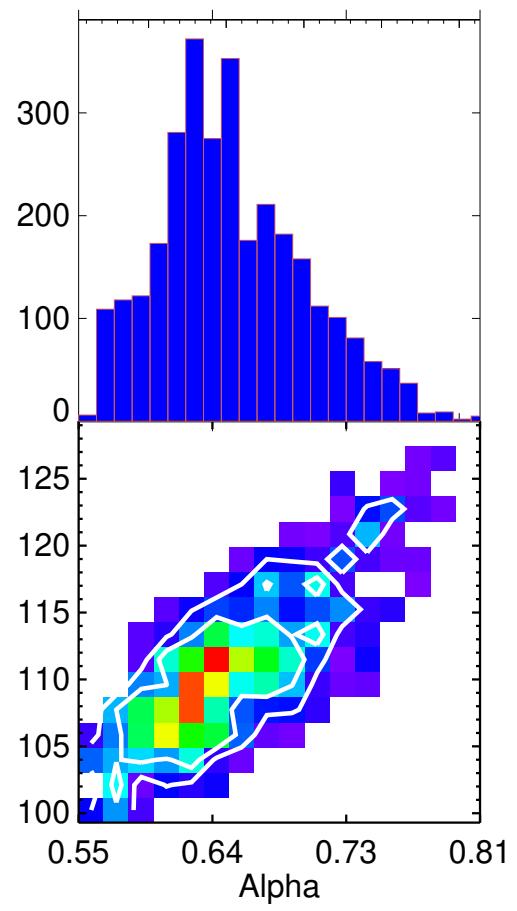


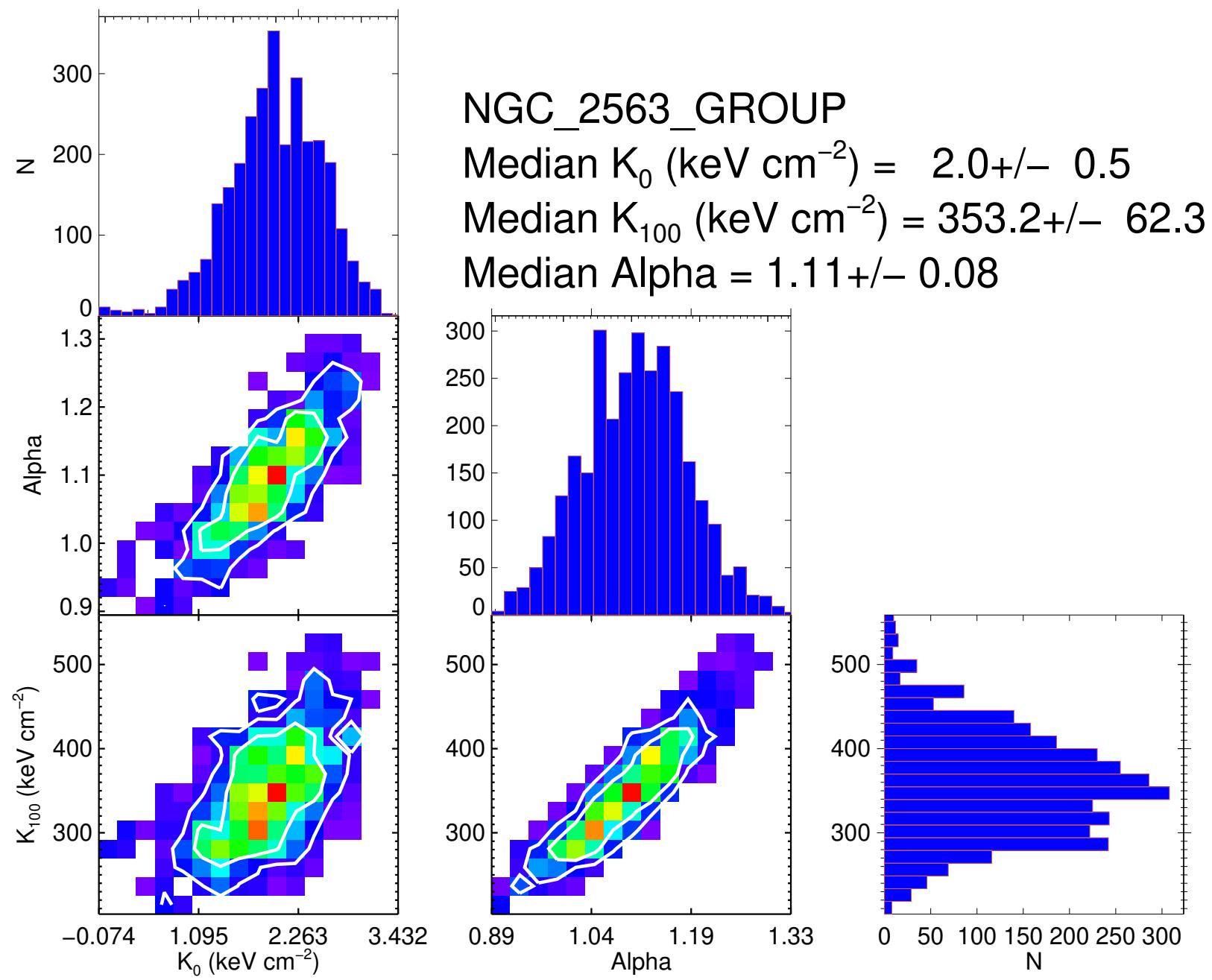
NGC_1132

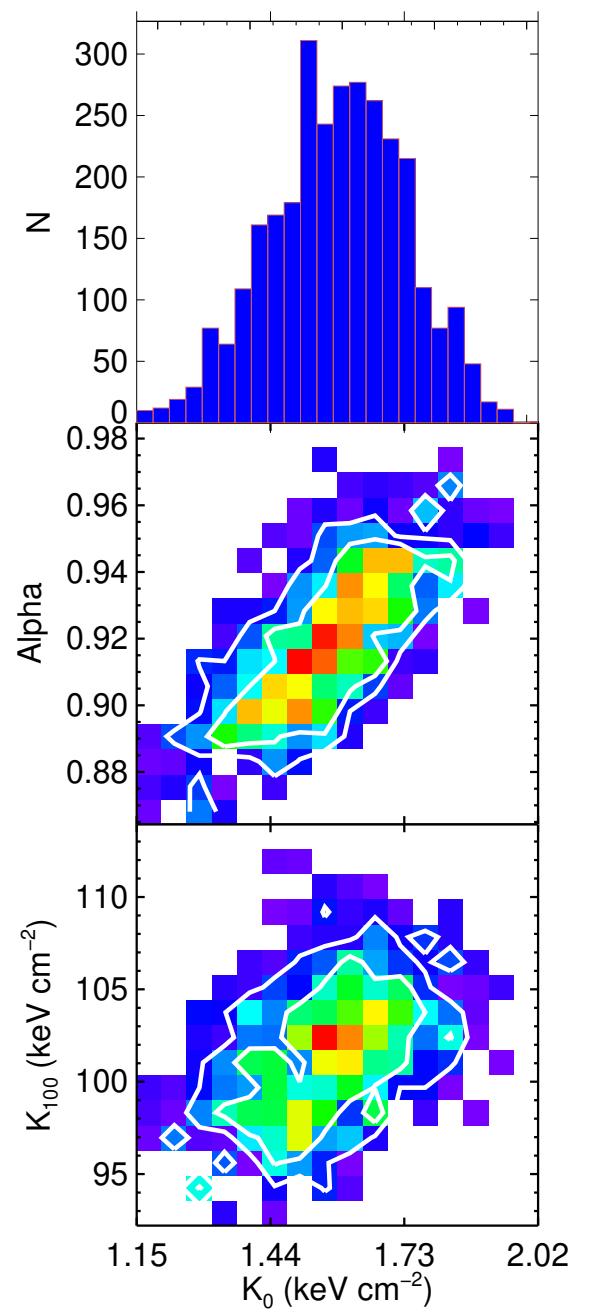
Median K_0 (keV cm $^{-2}$) = -2.0 ± 1.2

Median K_{100} (keV cm $^{-2}$) = 110.7 ± 5.0

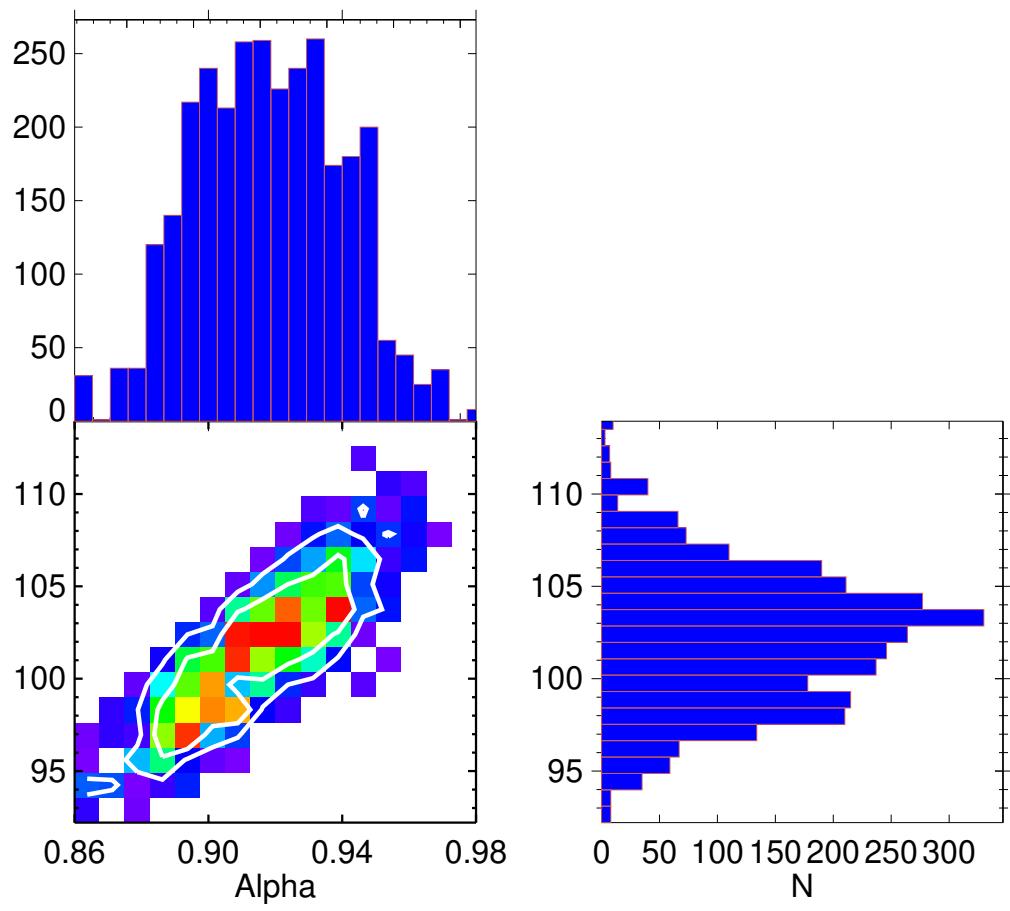
Median Alpha = 0.65 ± 0.05

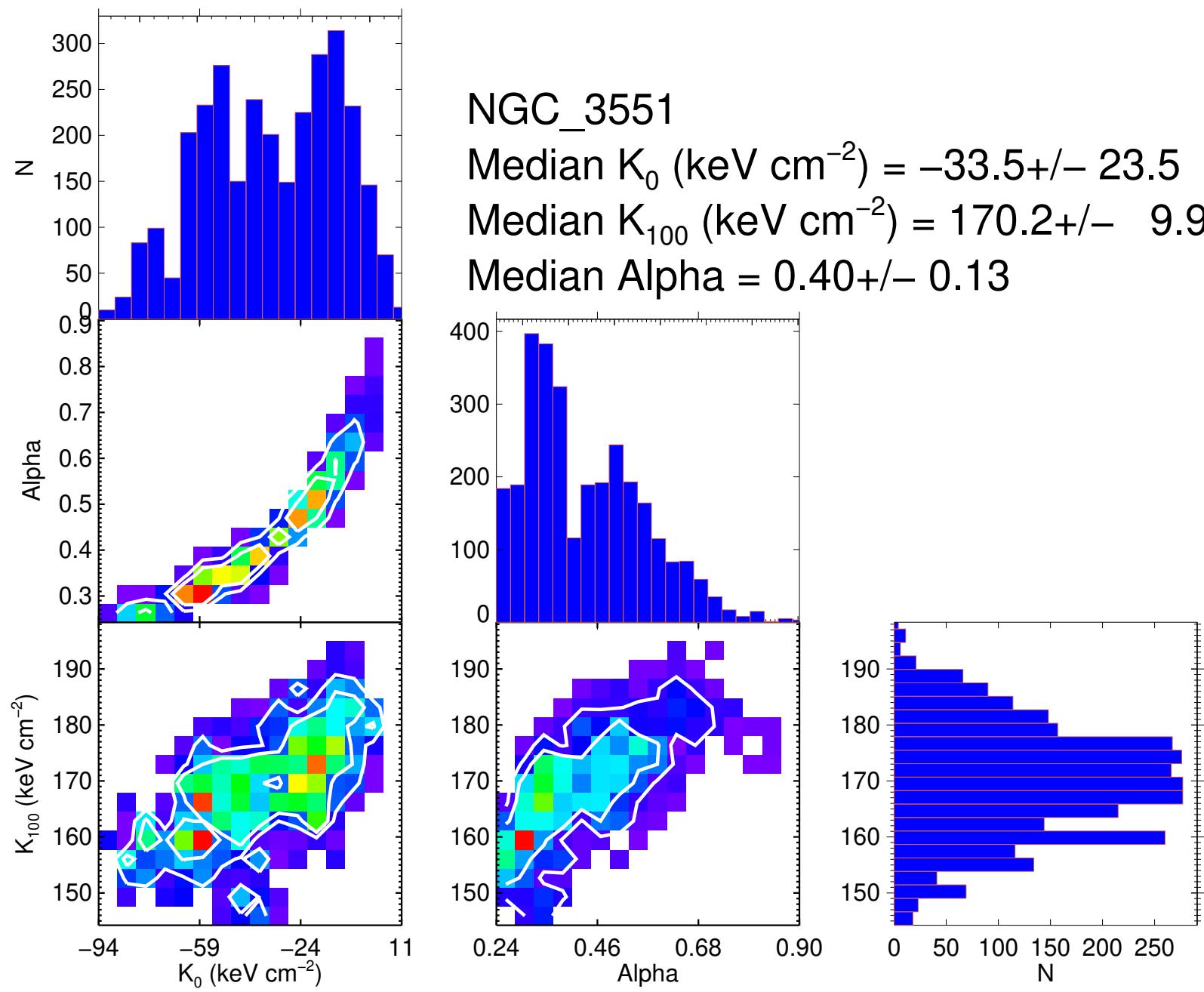


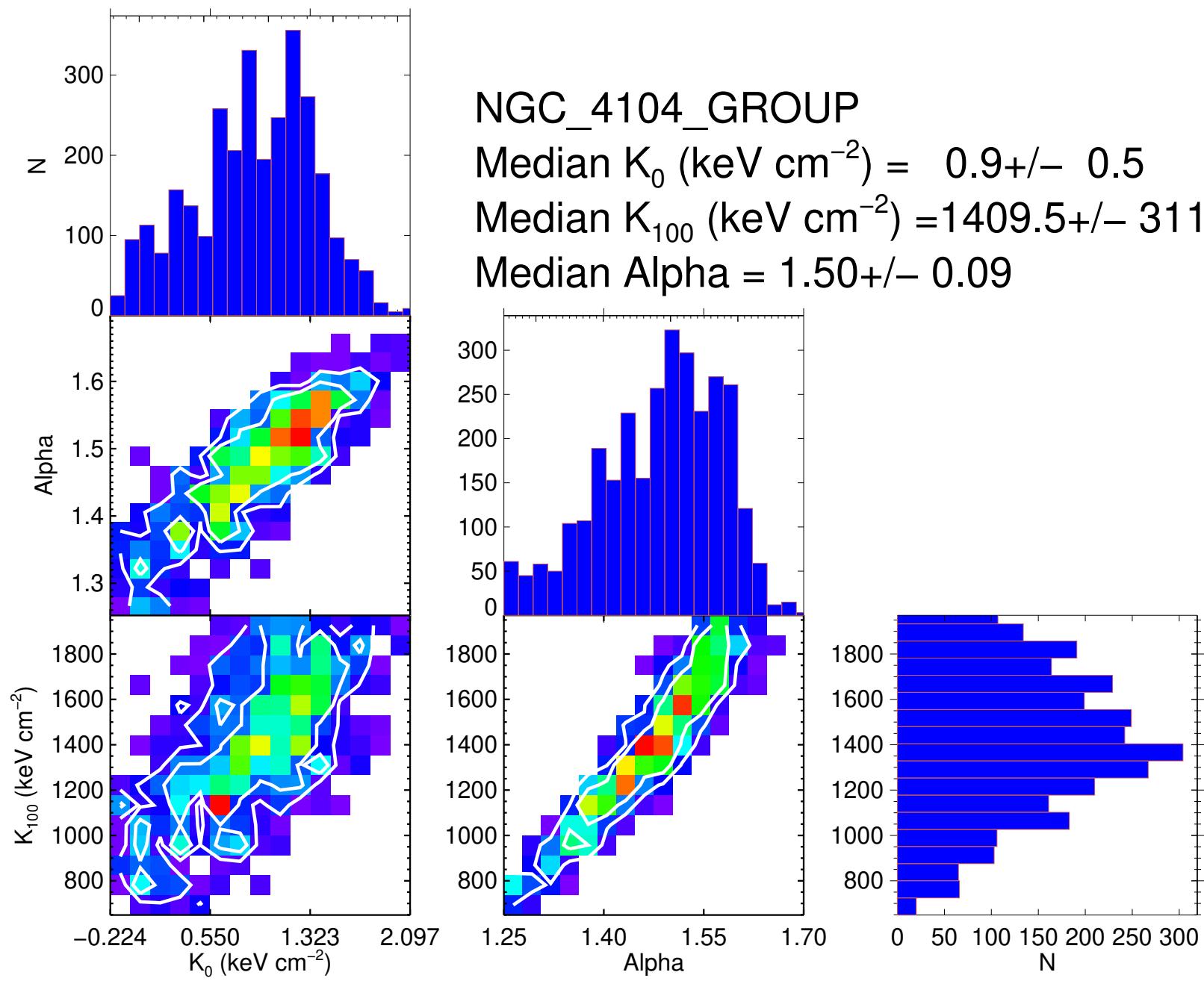


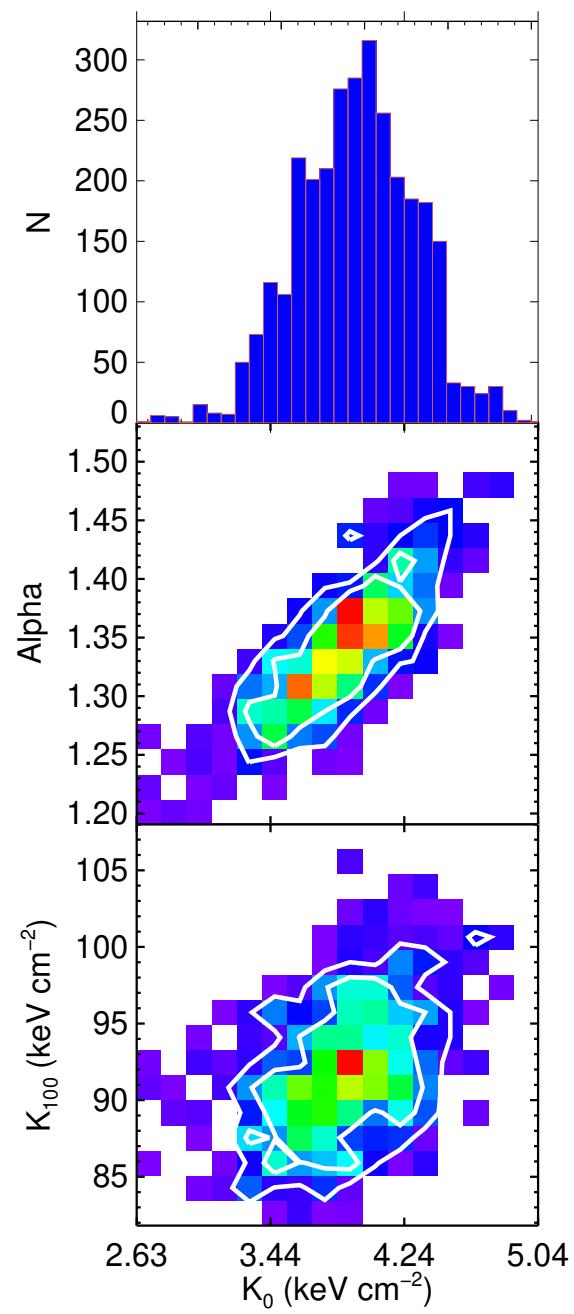


NGC_3402_GROUP
 Median K_0 (keV cm $^{-2}$) = $1.6+/- 0.1$
 Median K_{100} (keV cm $^{-2}$) = $102.2+/- 3.7$
 Median Alpha = $0.92+/- 0.02$

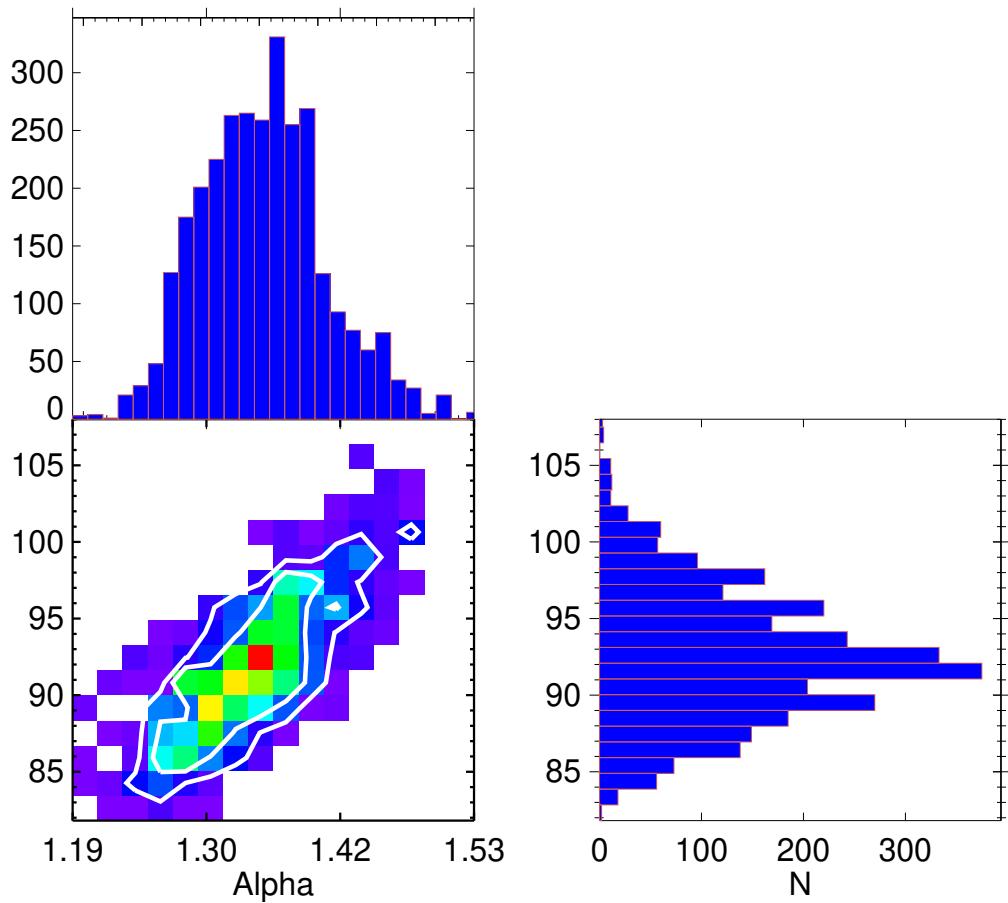


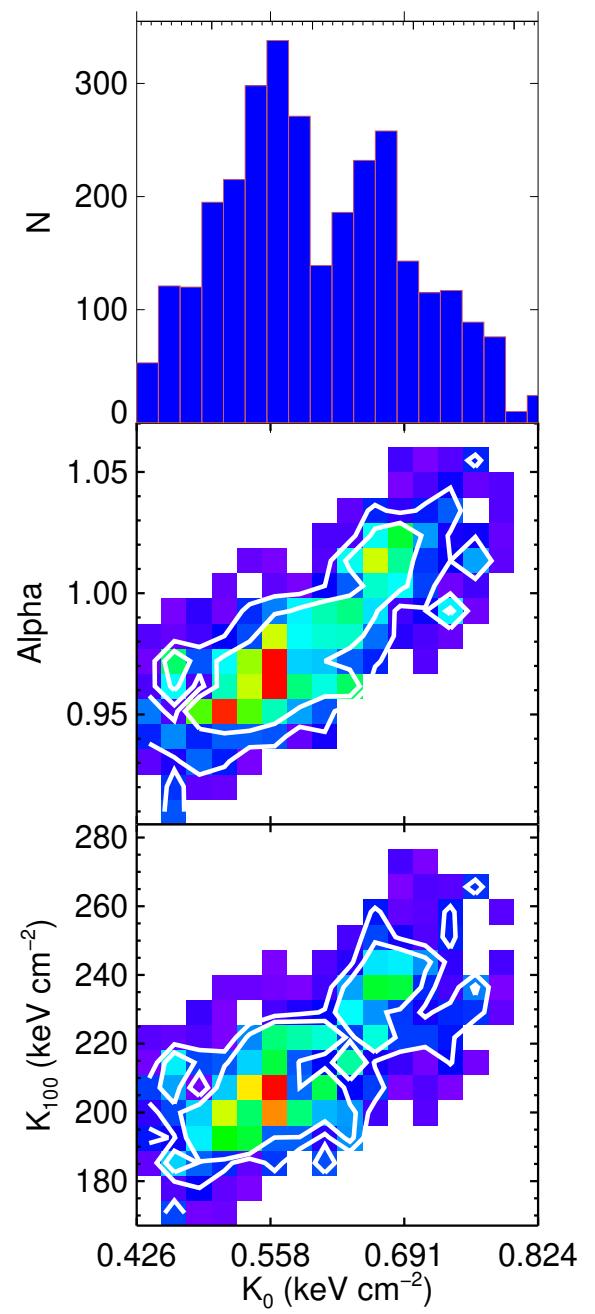






NGC_4325_GROUP
 Median K_0 (keV cm $^{-2}$) = 4.0+/- 0.3
 Median K_{100} (keV cm $^{-2}$) = 92.1+/- 4.2
 Median Alpha = 1.35+/- 0.05



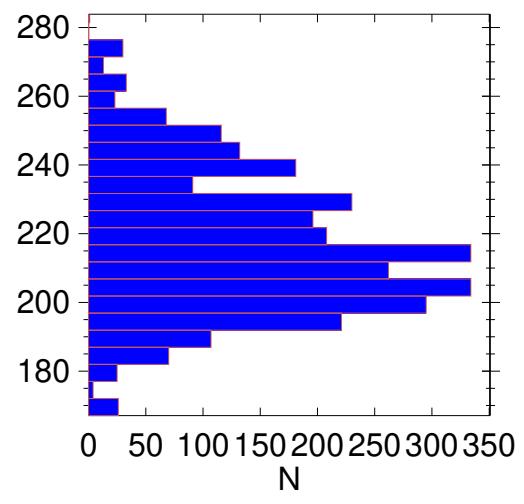
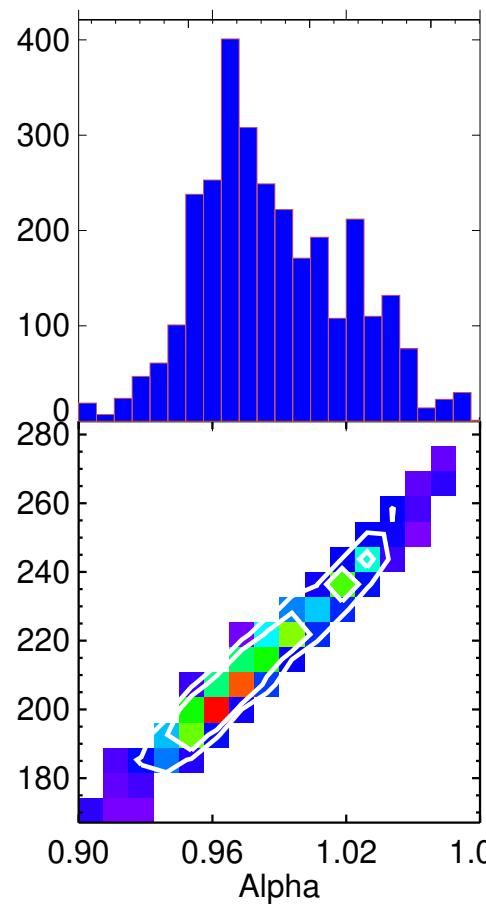


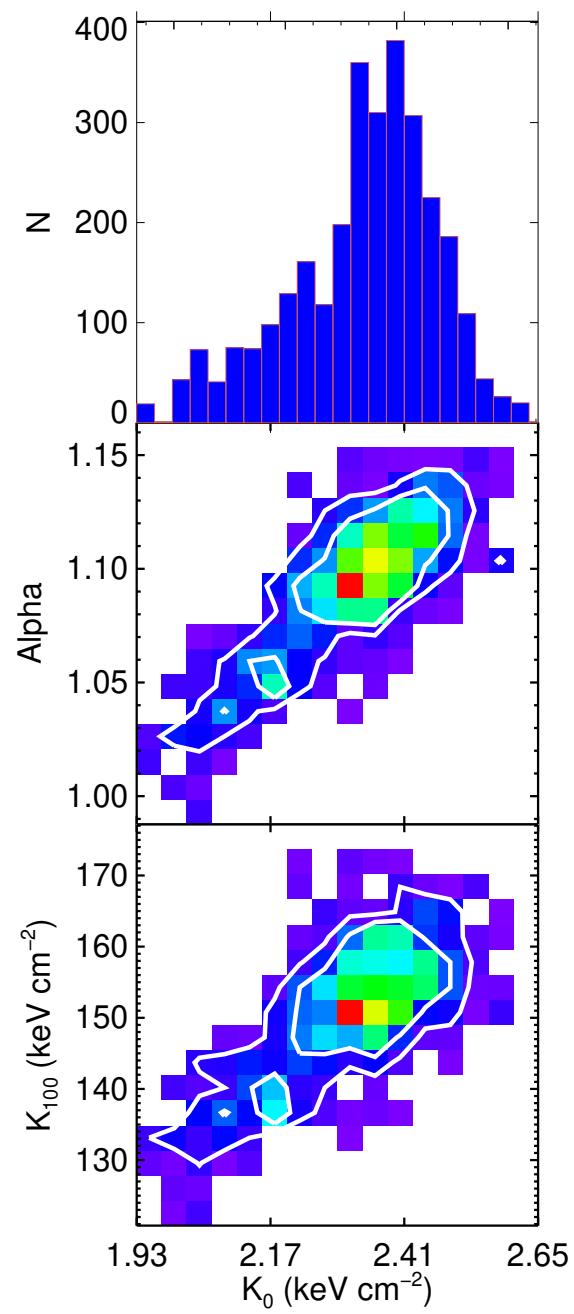
NGC_4636

Median K_0 (keV cm $^{-2}$) = $0.6+/-0.1$

Median K_{100} (keV cm $^{-2}$) = $213.4+/-20.5$

Median Alpha = $0.98+/-0.03$



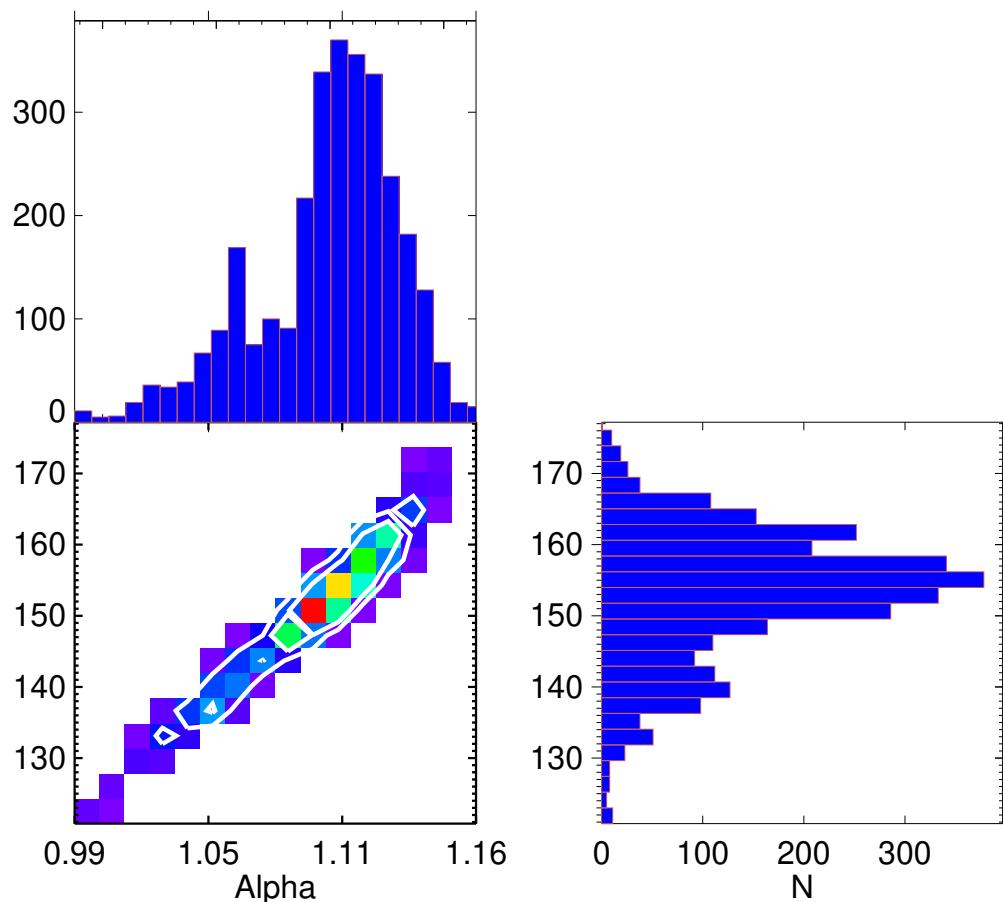


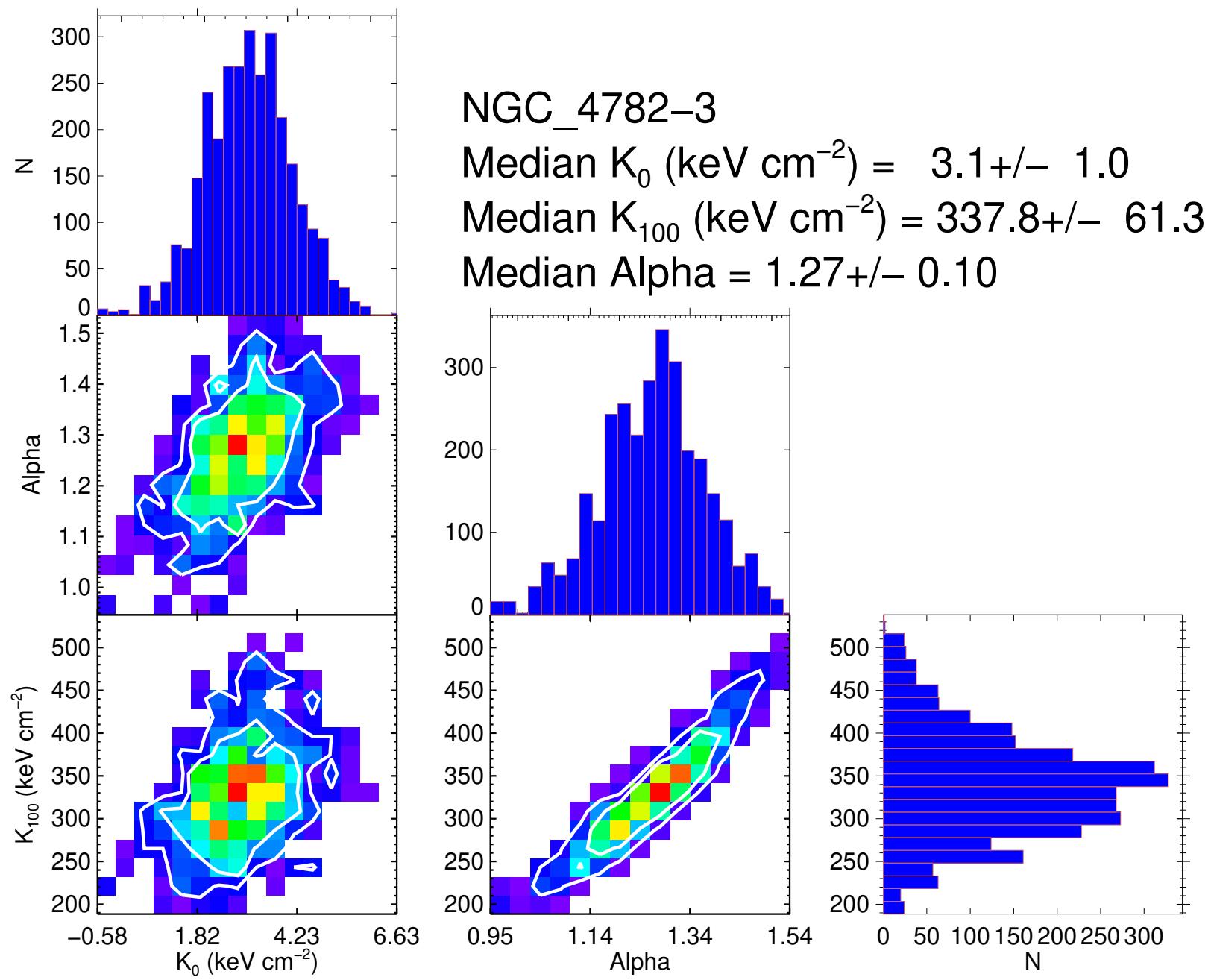
NGC_4759_GROUP

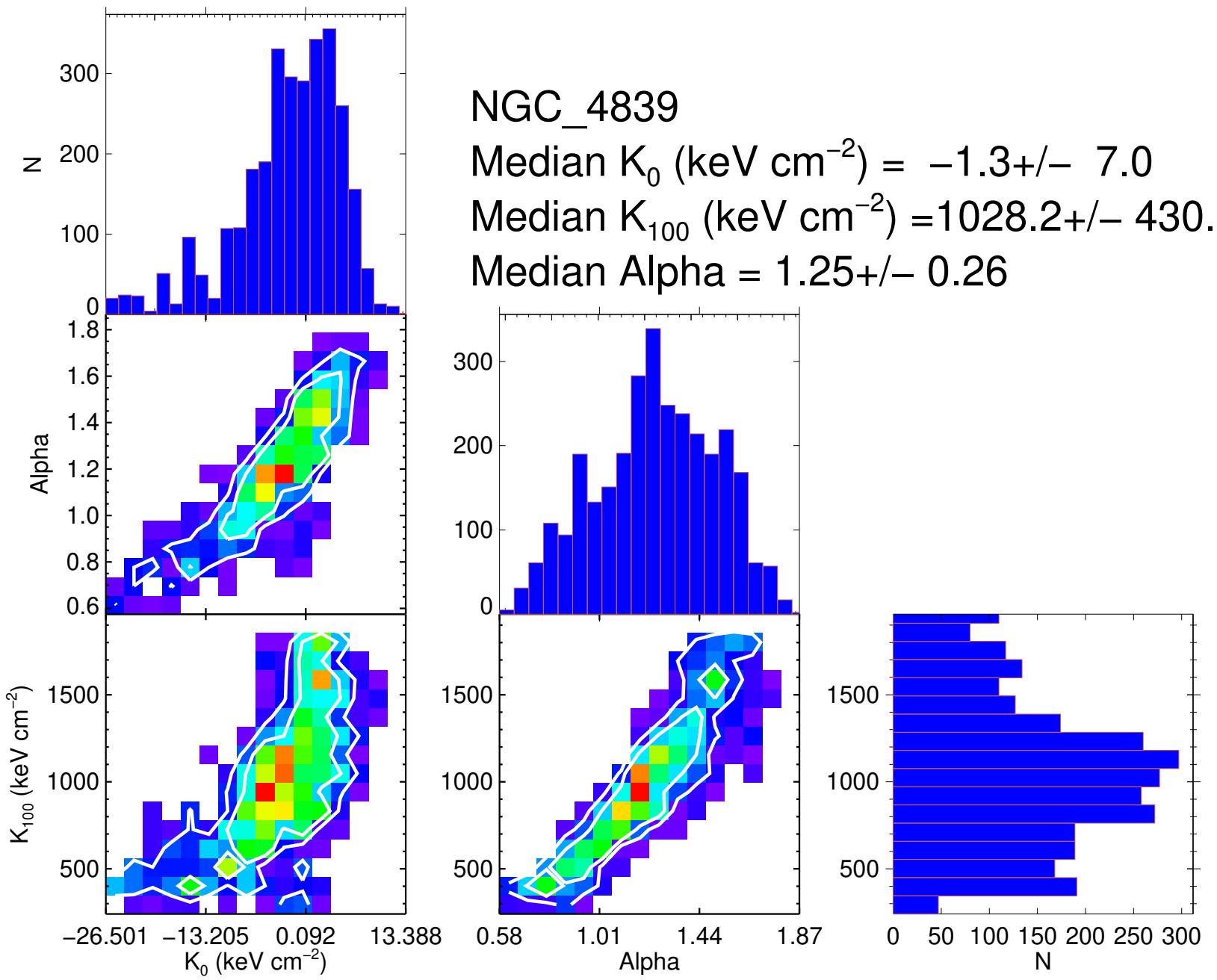
Median K_0 (keV cm $^{-2}$) = $2.4+/- 0.1$

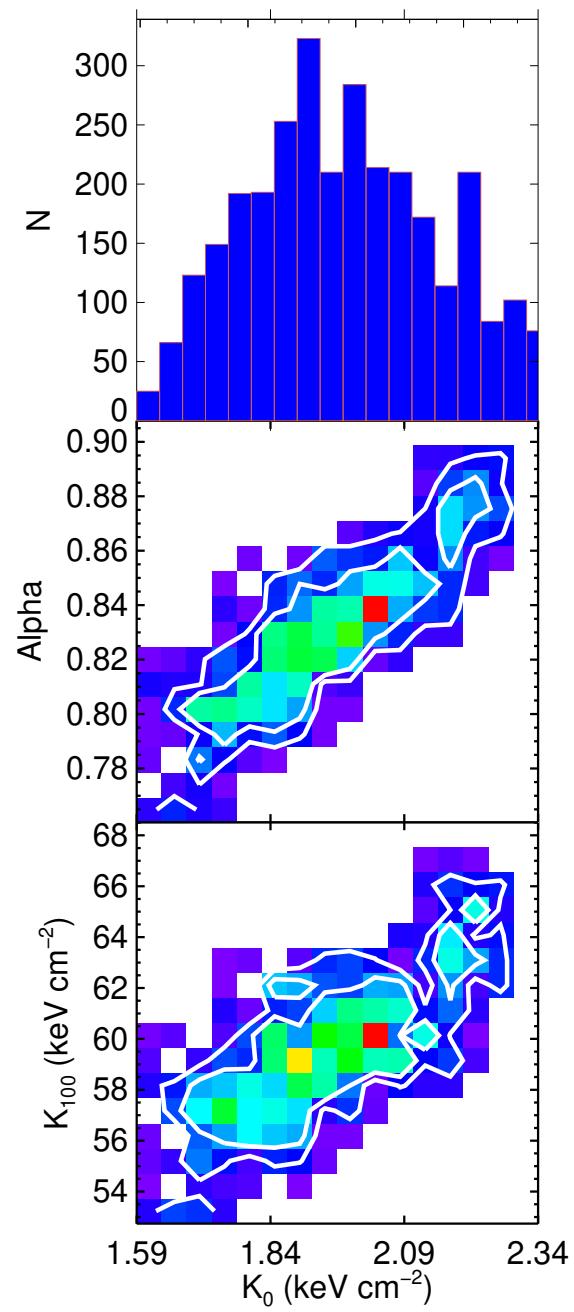
Median K_{100} (keV cm $^{-2}$) = $154.2+/- 9.1$

Median Alpha = $1.10+/- 0.03$







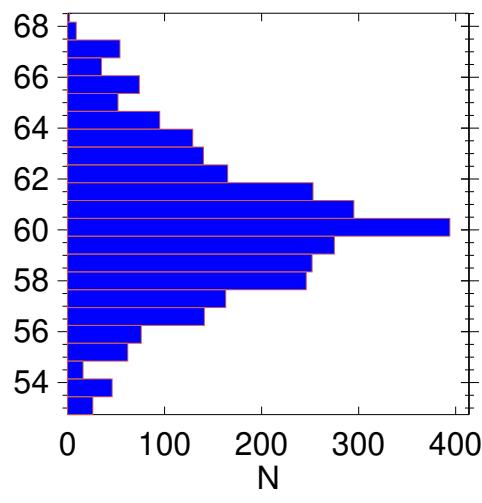
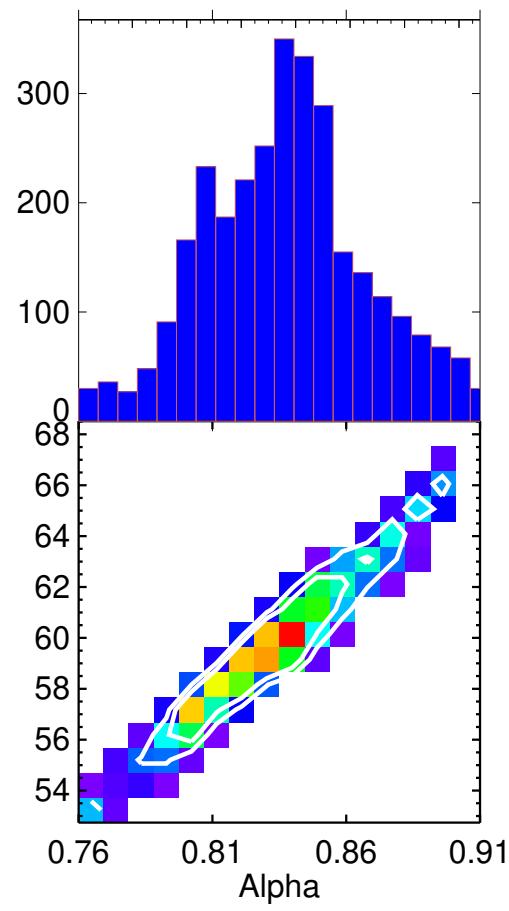


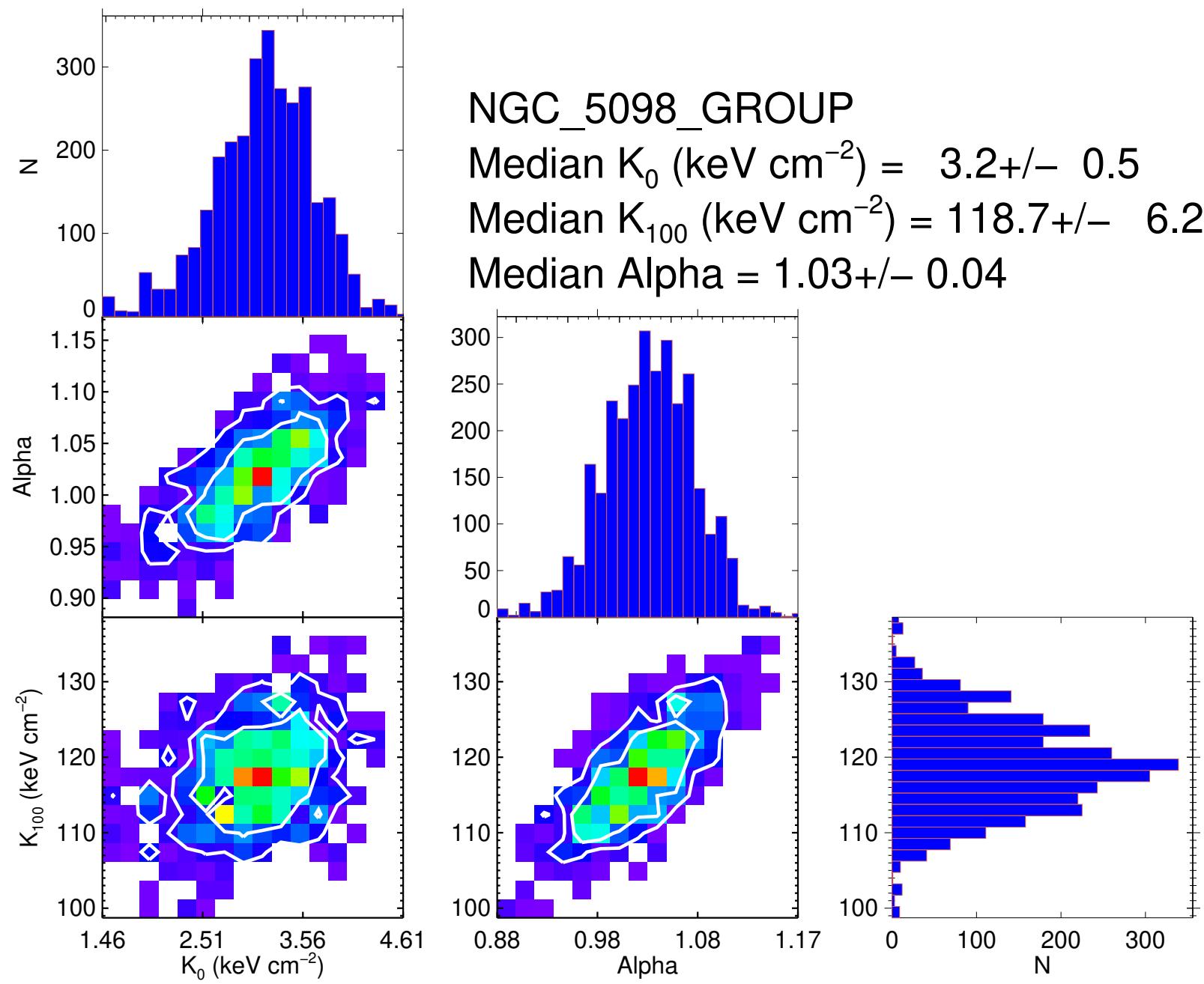
NGC_5044

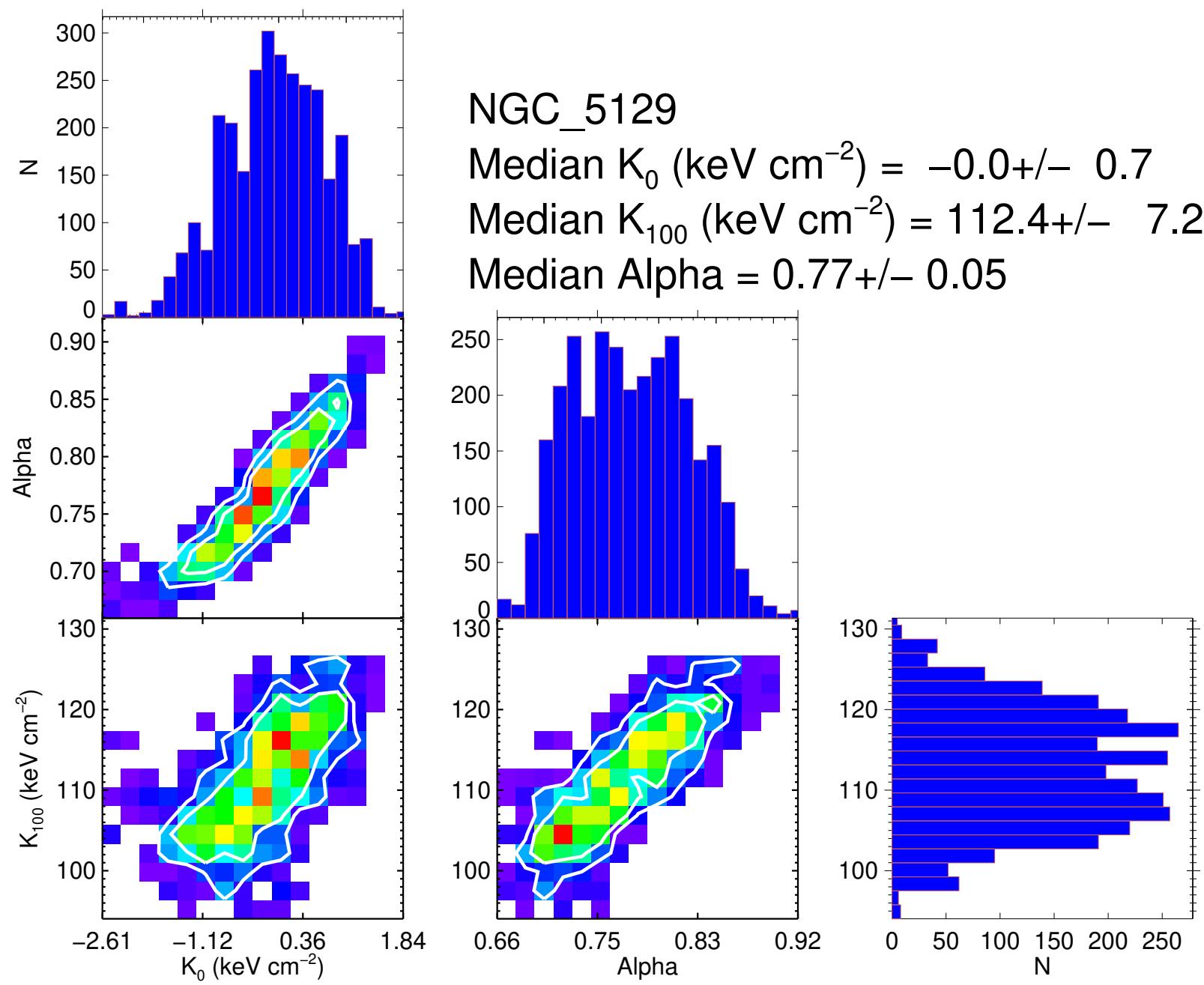
Median $K_0 (\text{keV cm}^{-2}) = 2.0+/- 0.2$

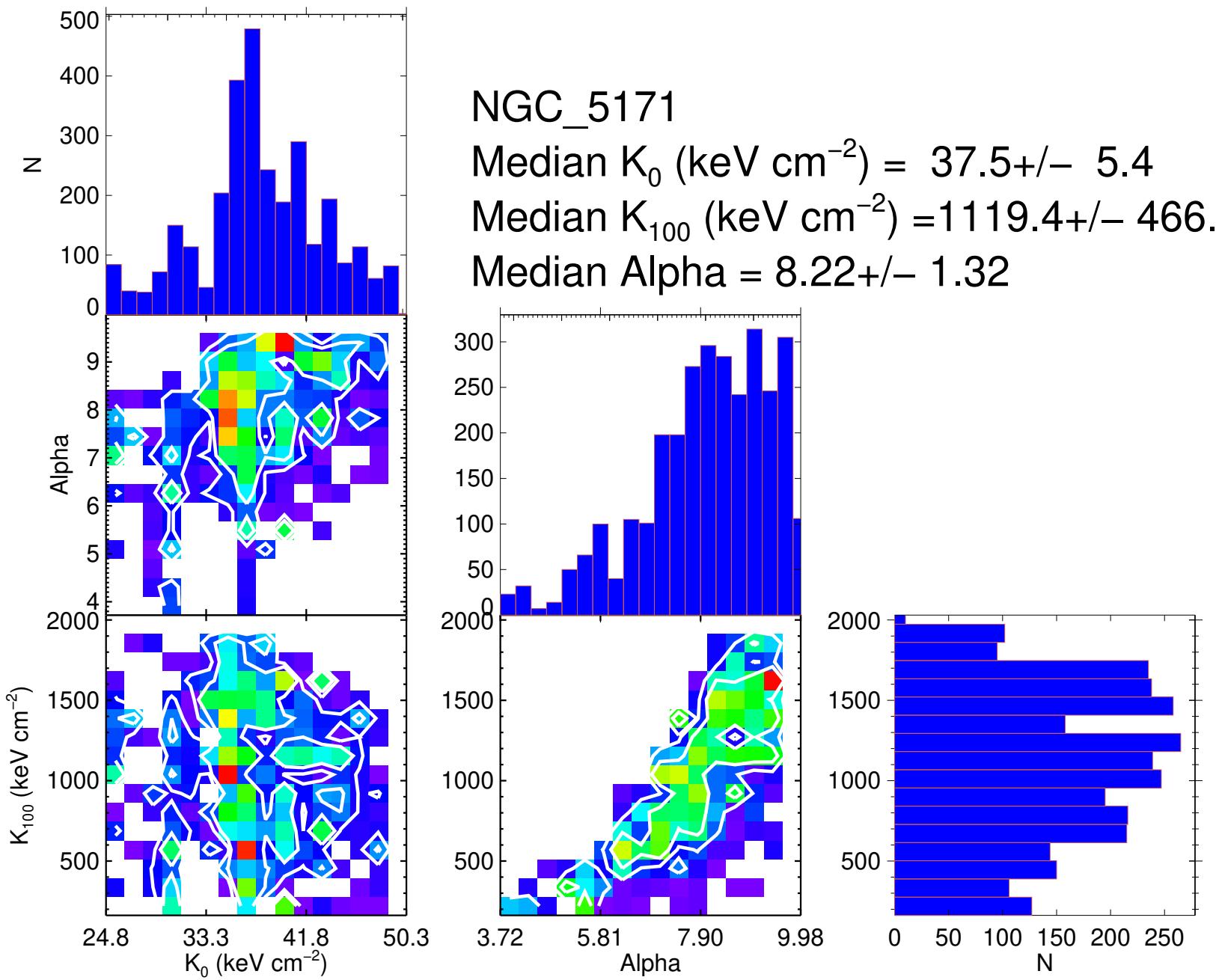
Median $K_{100} (\text{keV cm}^{-2}) = 60.1+/- 2.9$

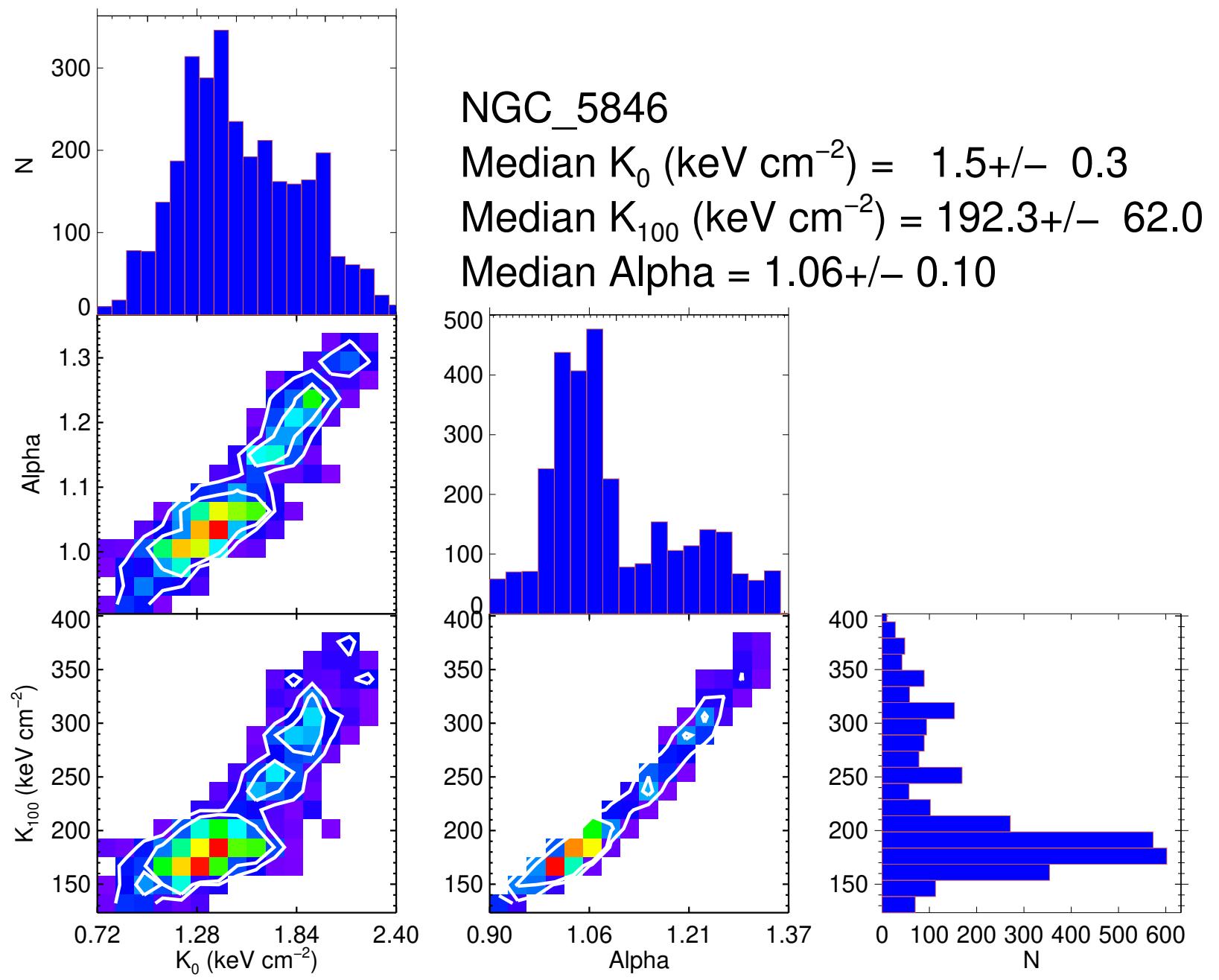
Median Alpha = $0.84+/- 0.03$

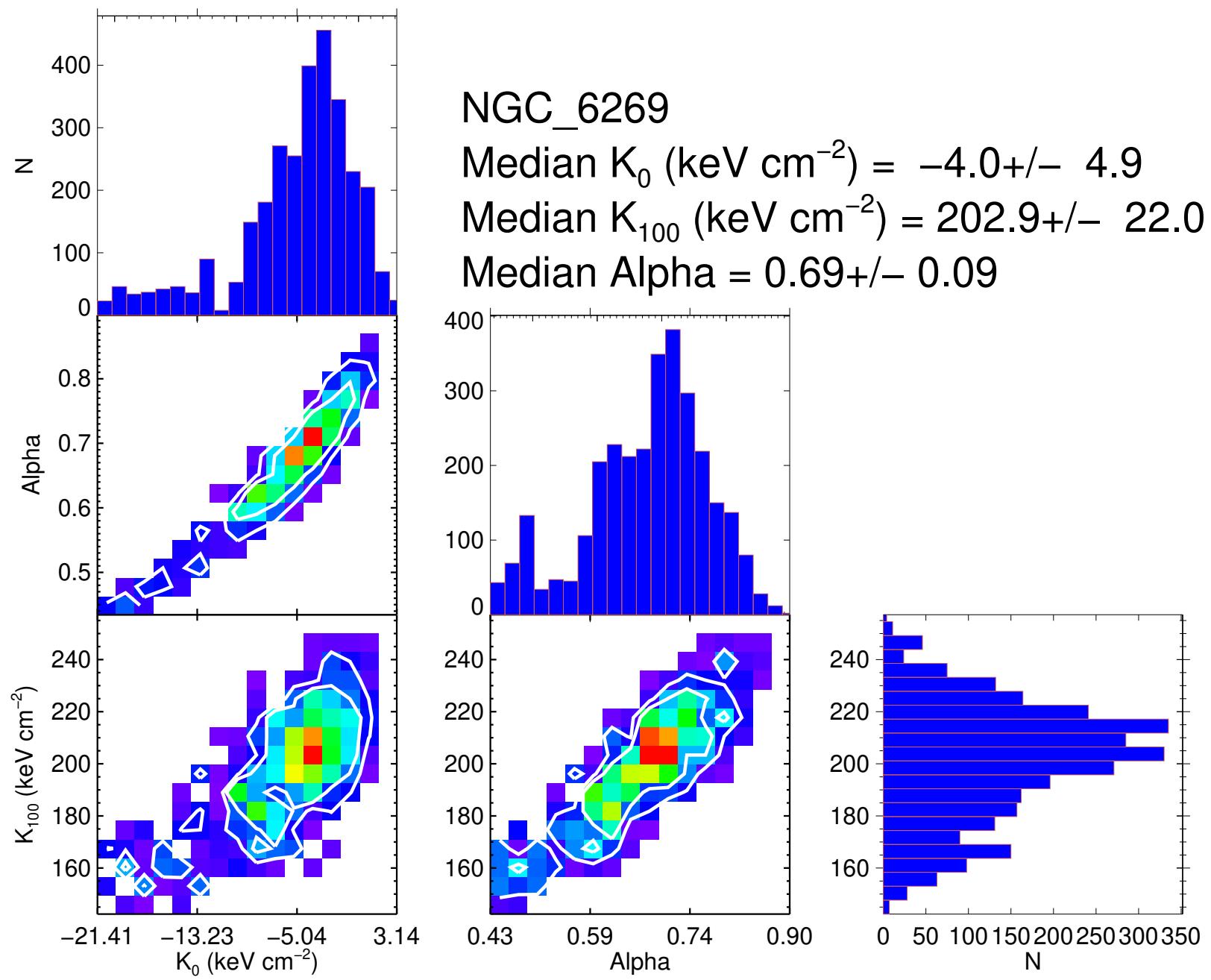


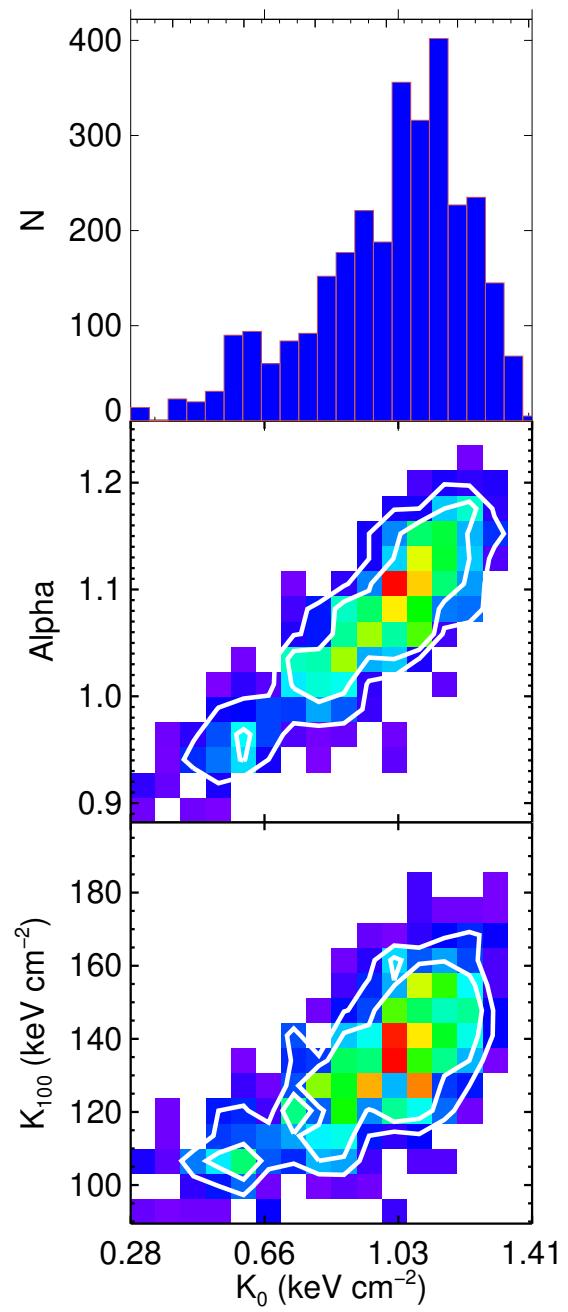










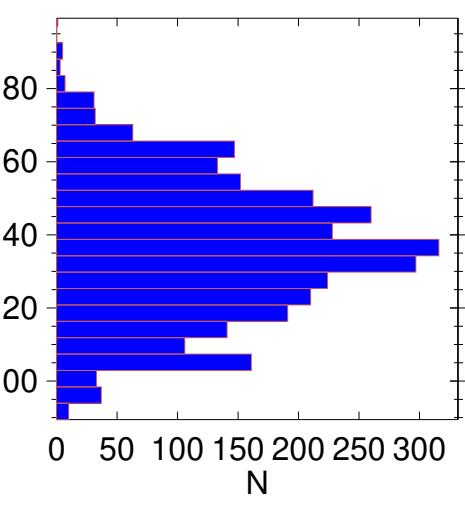
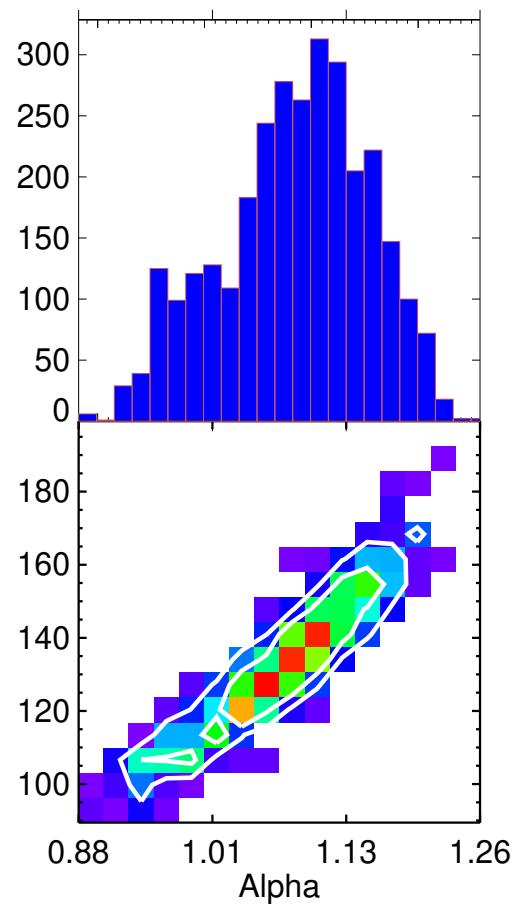


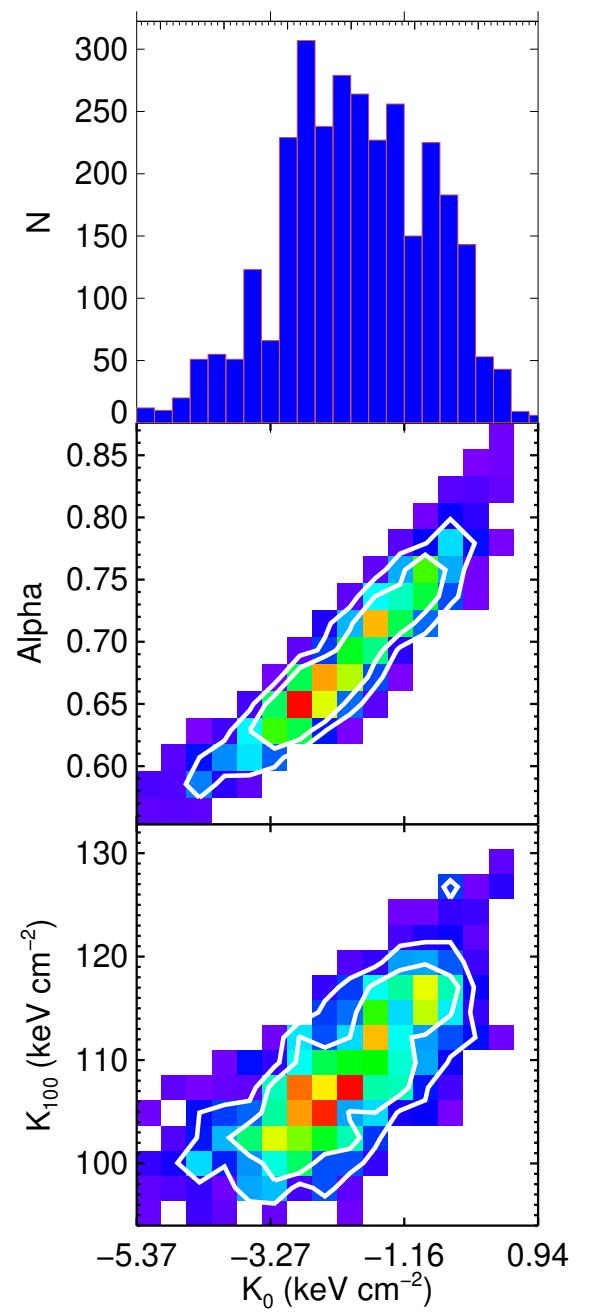
NGC_6482

Median K_0 (keV cm $^{-2}$) = 1.1+/- 0.2

Median K_{100} (keV cm $^{-2}$) = 136.0+/- 18.5

Median Alpha = 1.09+/- 0.07



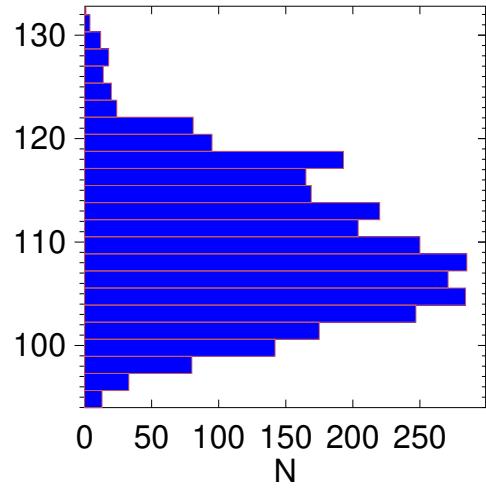
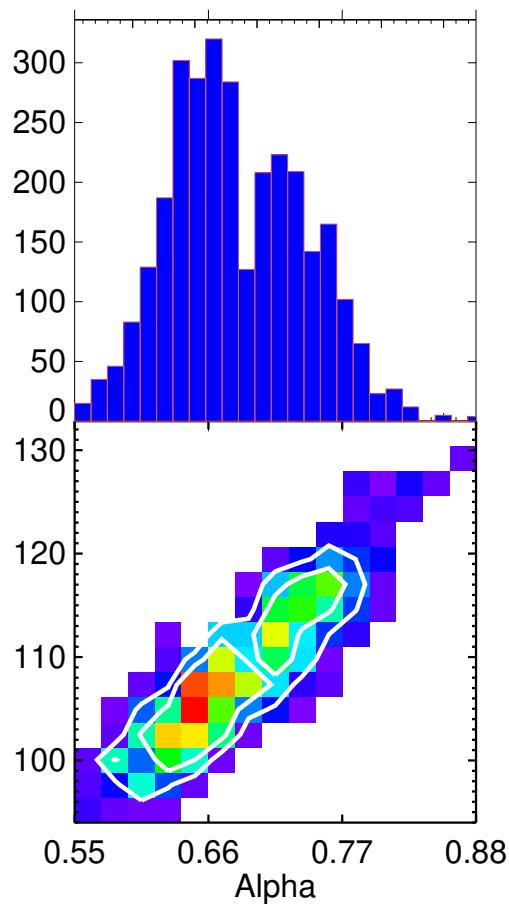


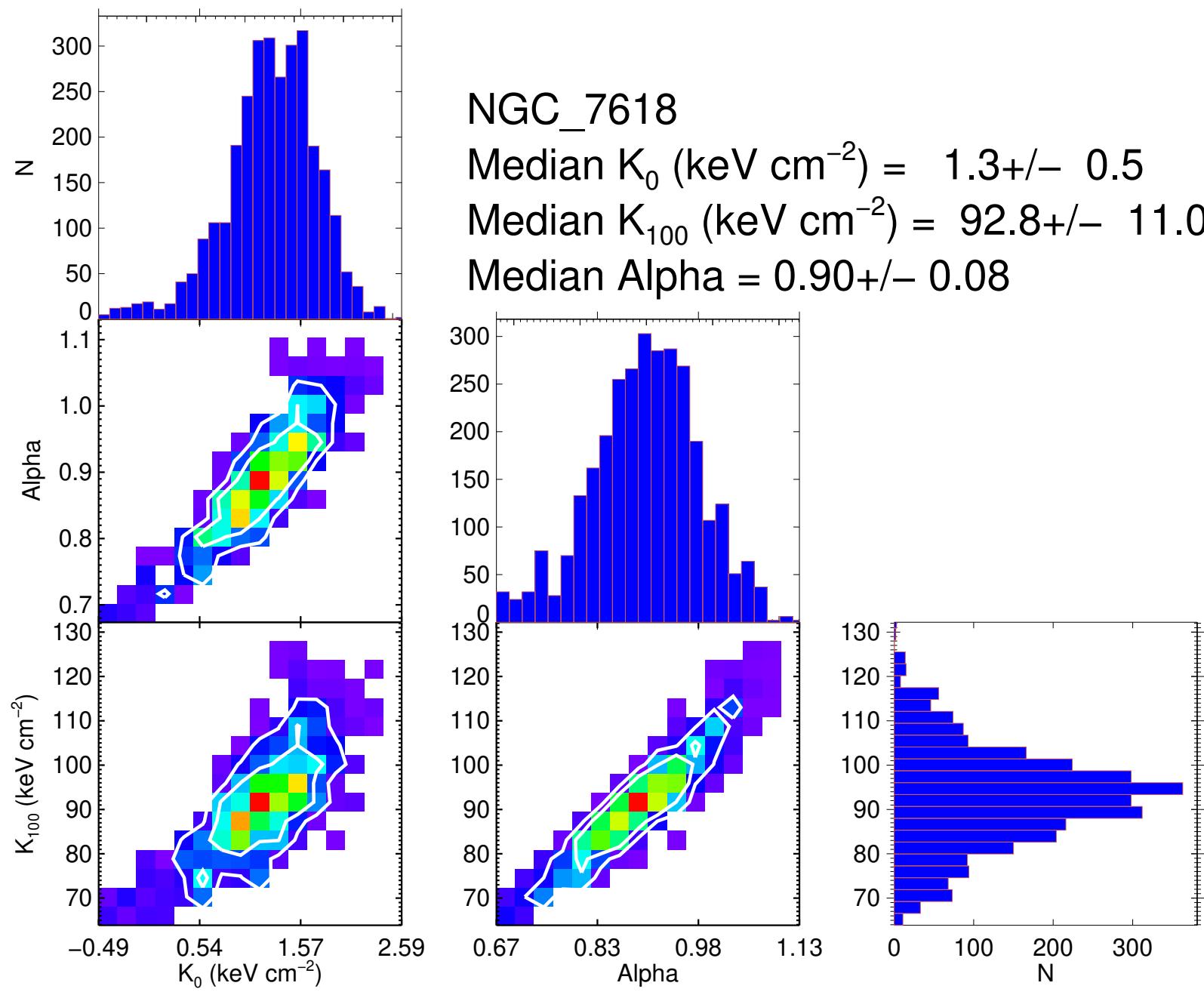
NGC_6868

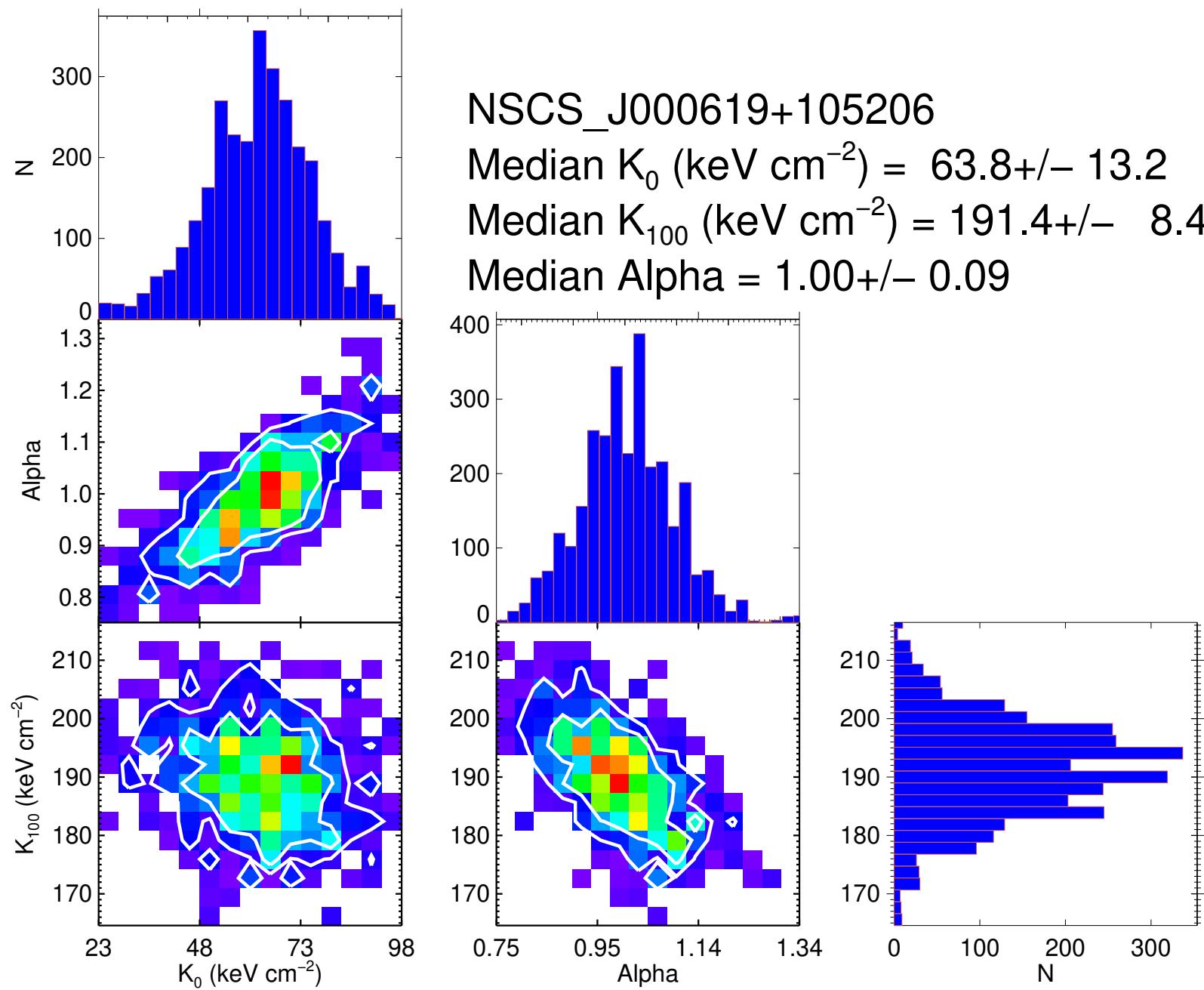
Median K_0 (keV cm $^{-2}$) = -2.0 ± 1.2

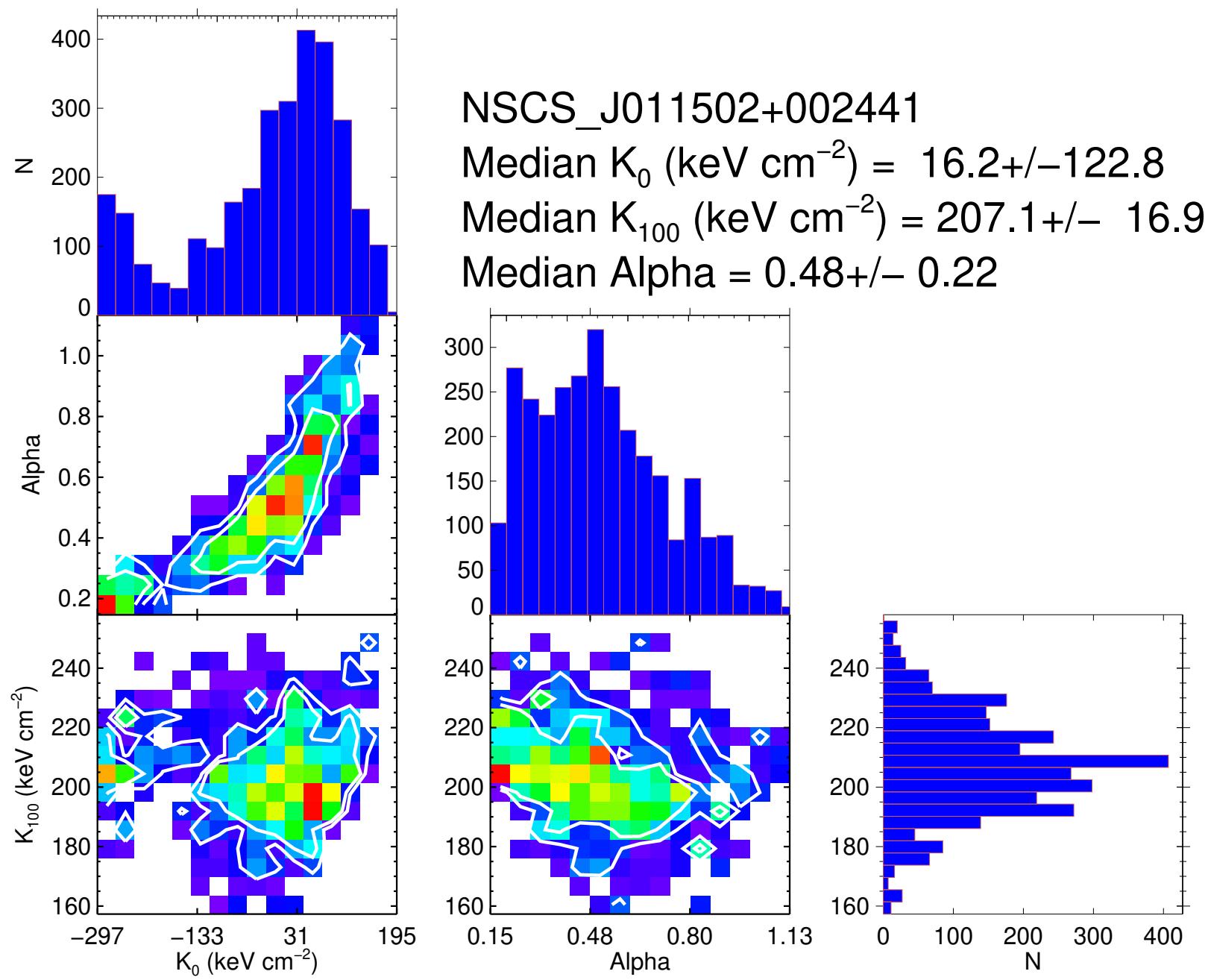
Median K_{100} (keV cm $^{-2}$) = 108.7 ± 6.8

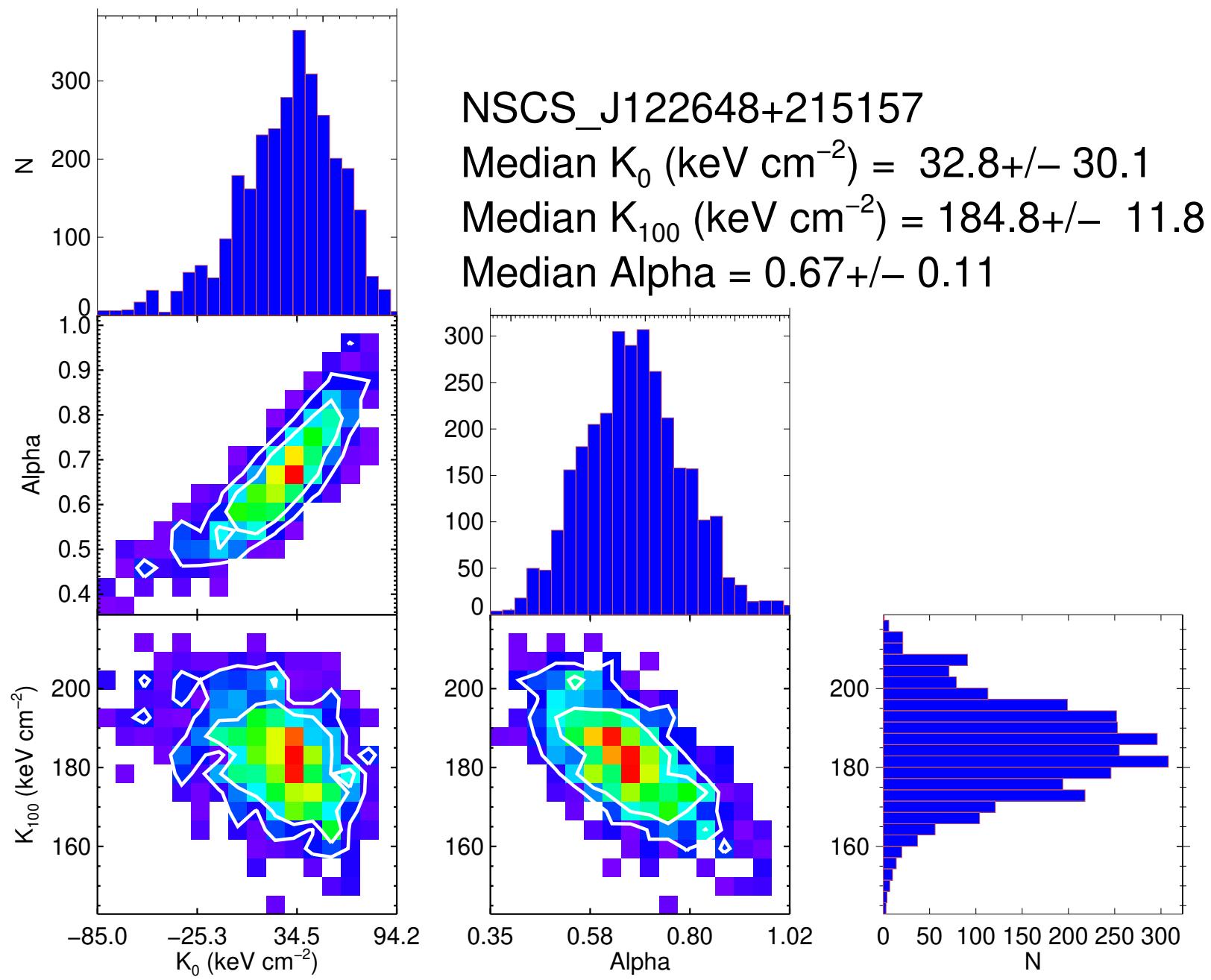
Median Alpha = 0.68 ± 0.05

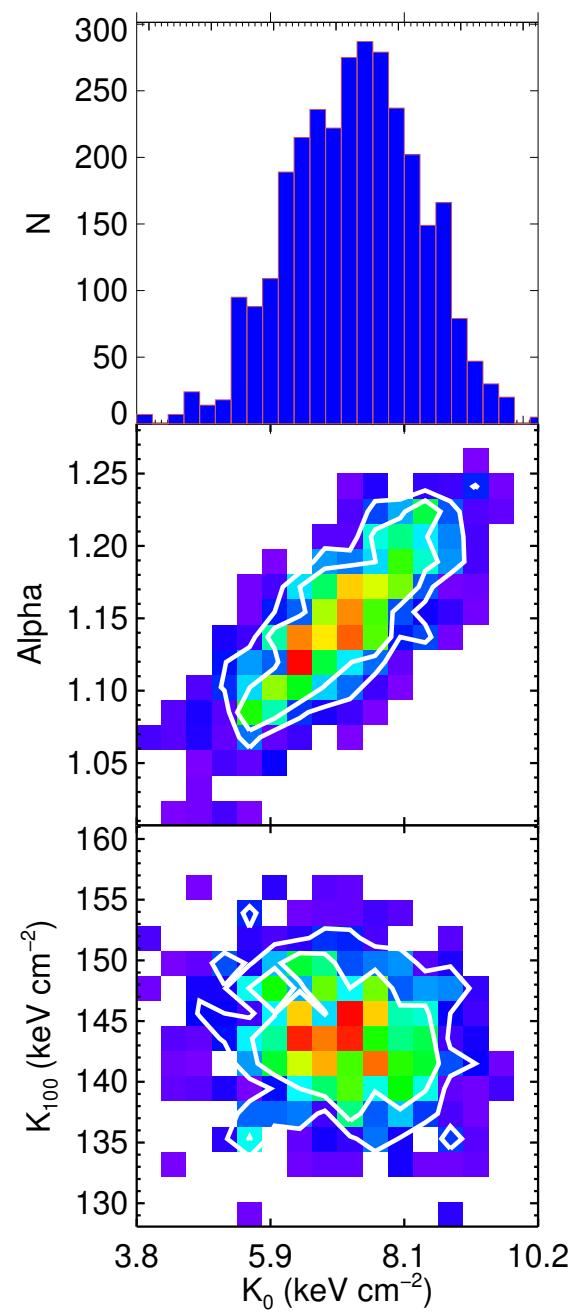




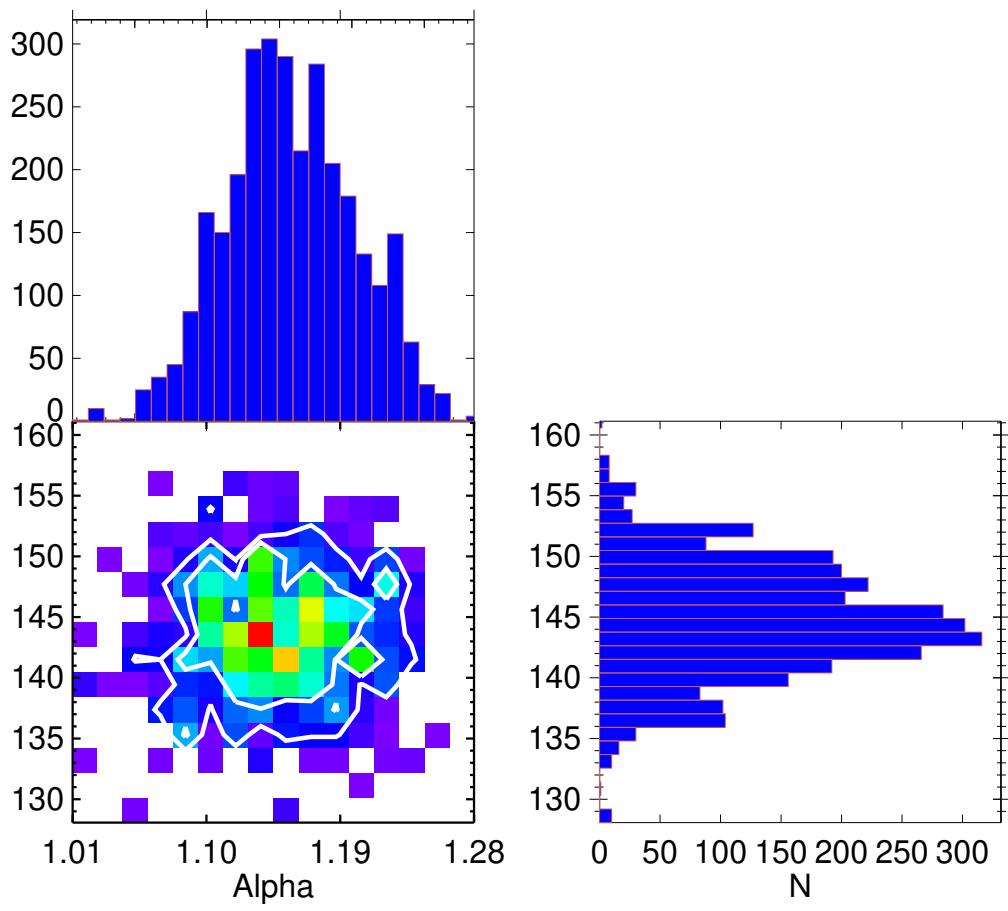


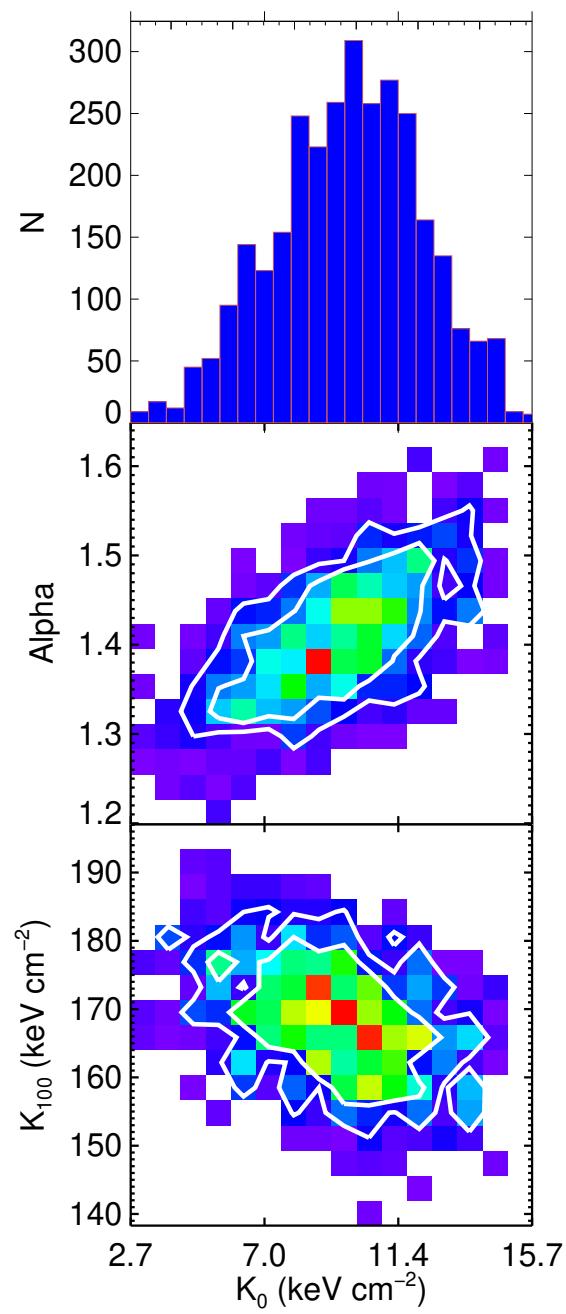






NSCS_J135021+094042
 Median K_0 (keV cm $^{-2}$) = 7.3+/- 1.0
 Median K_{100} (keV cm $^{-2}$) = 144.6+/- 4.6
 Median Alpha = 1.16+/- 0.04



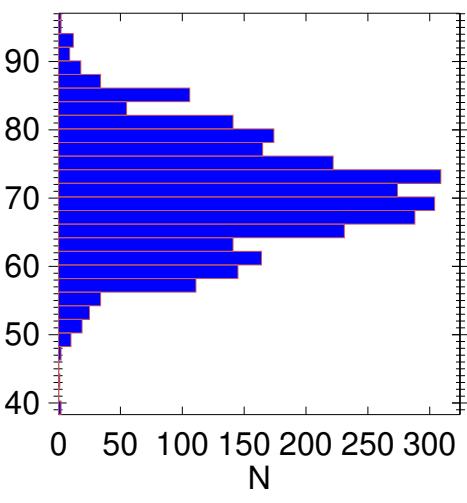
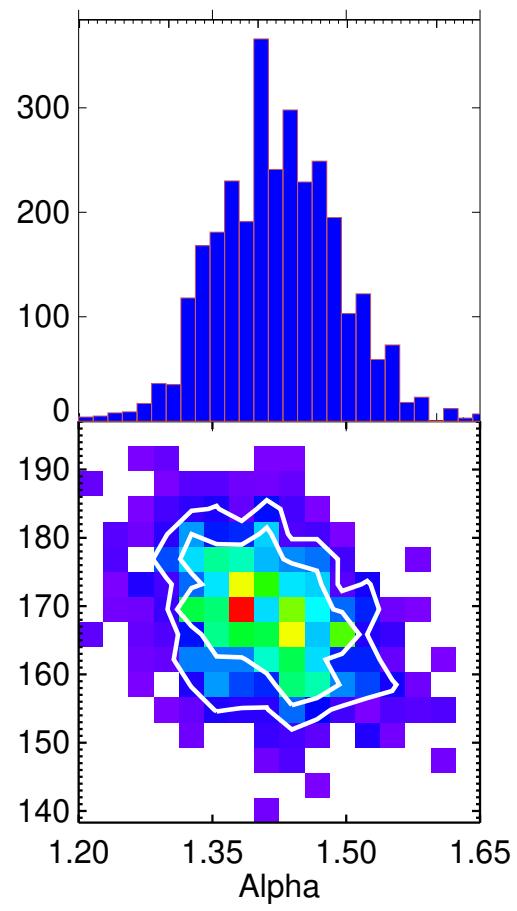


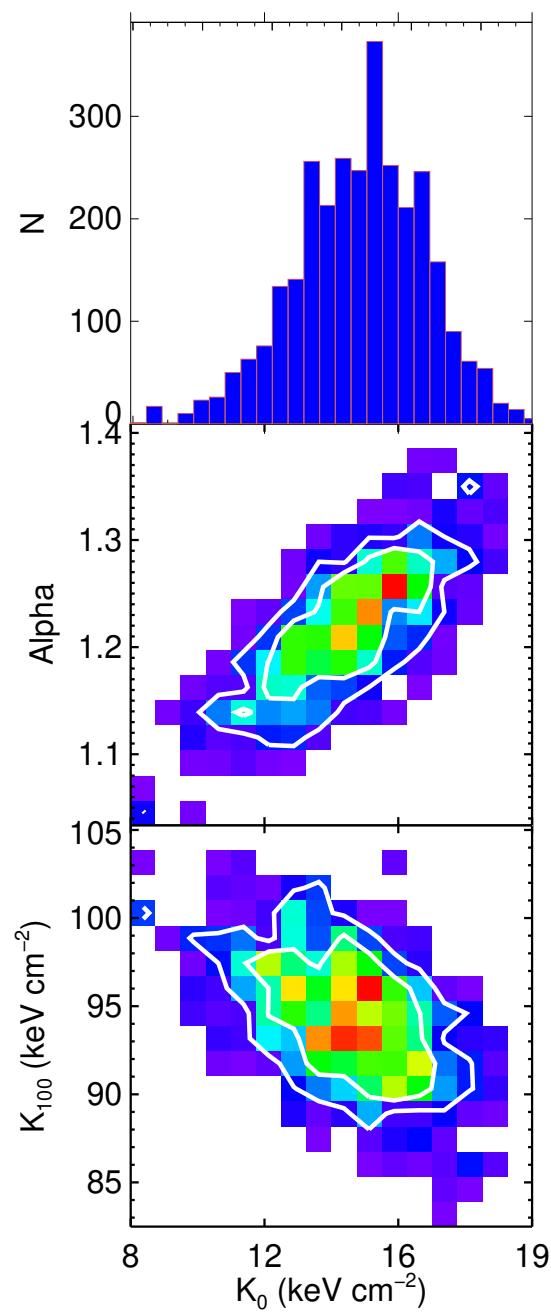
NSCS_J144726+082824

Median K_0 (keV cm $^{-2}$) = 9.8+/- 2.4

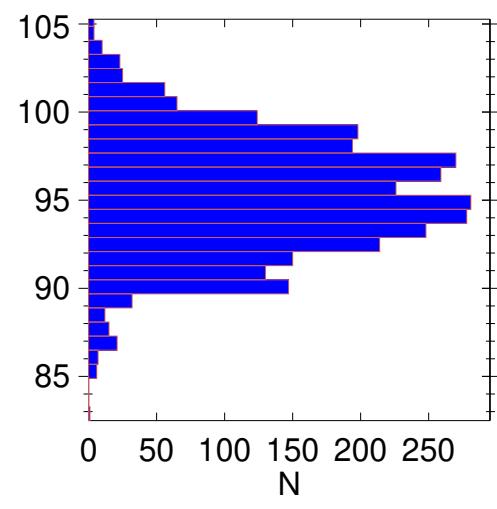
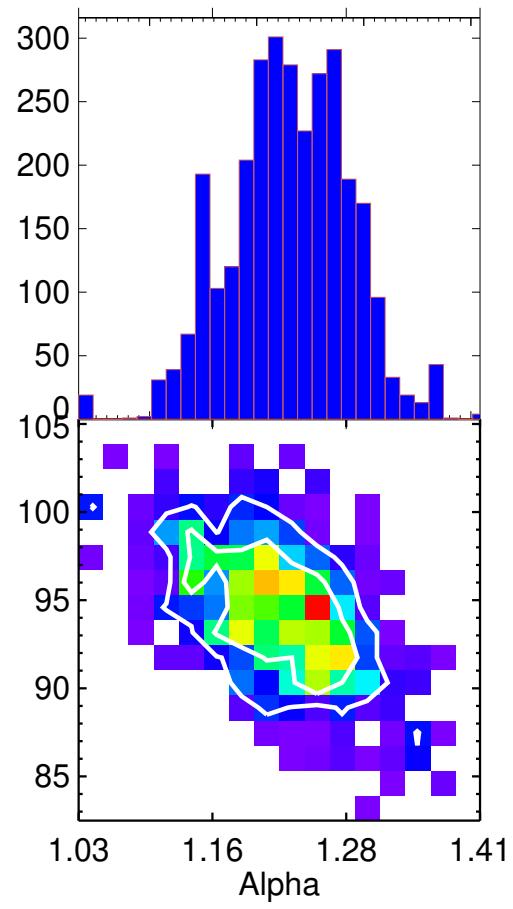
Median K_{100} (keV cm $^{-2}$) = 170.3+/- 8.2

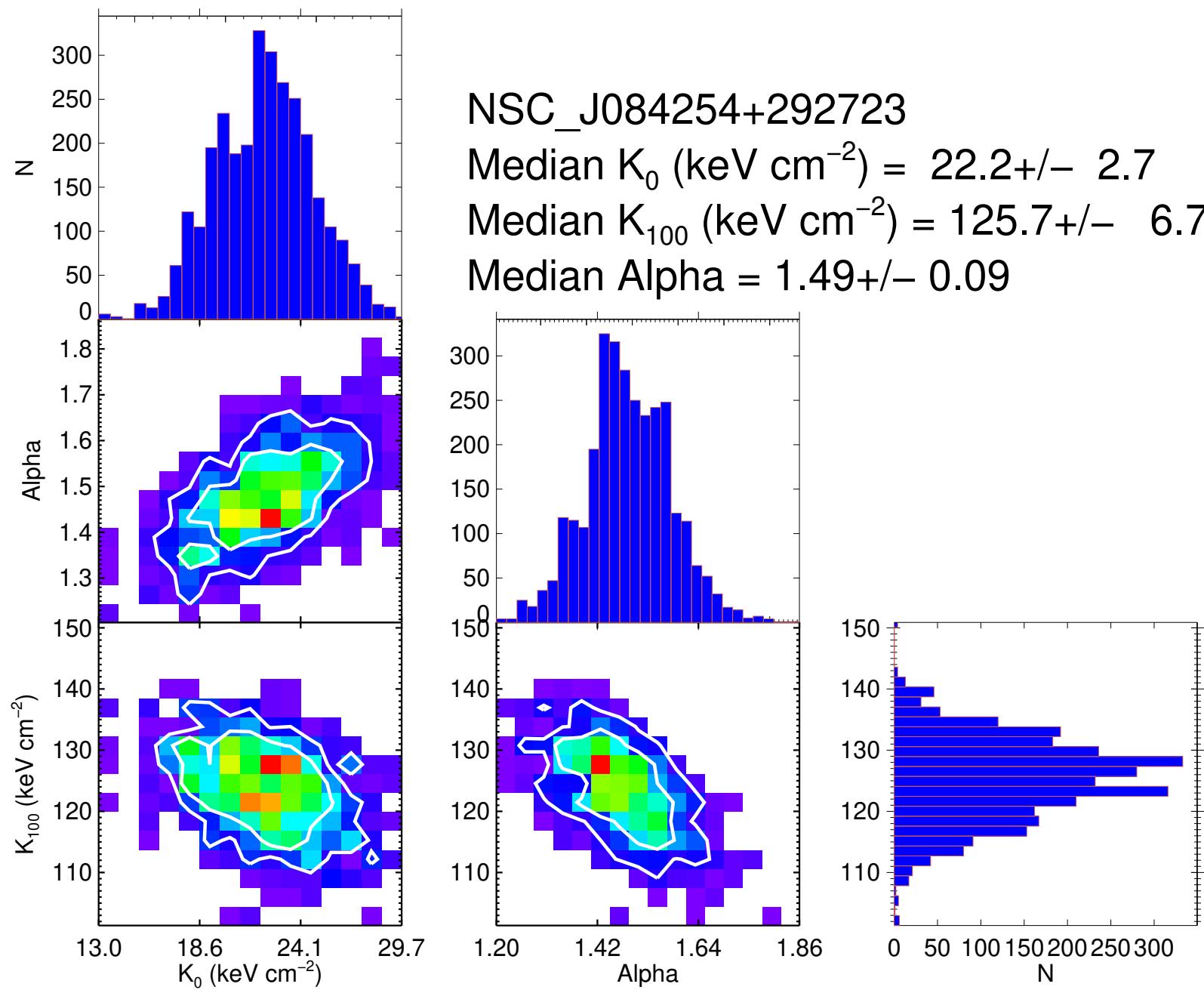
Median Alpha = 1.42+/- 0.07

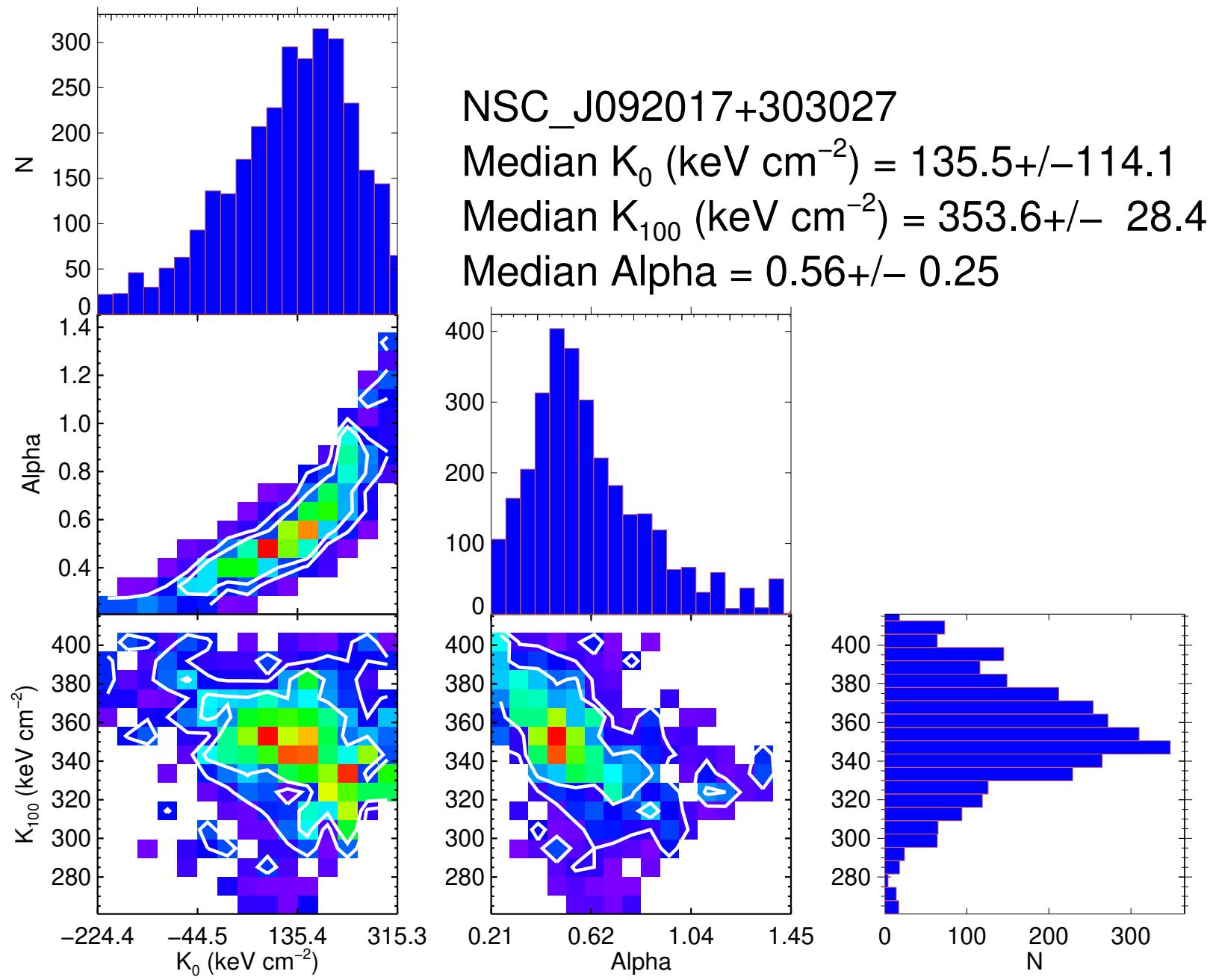


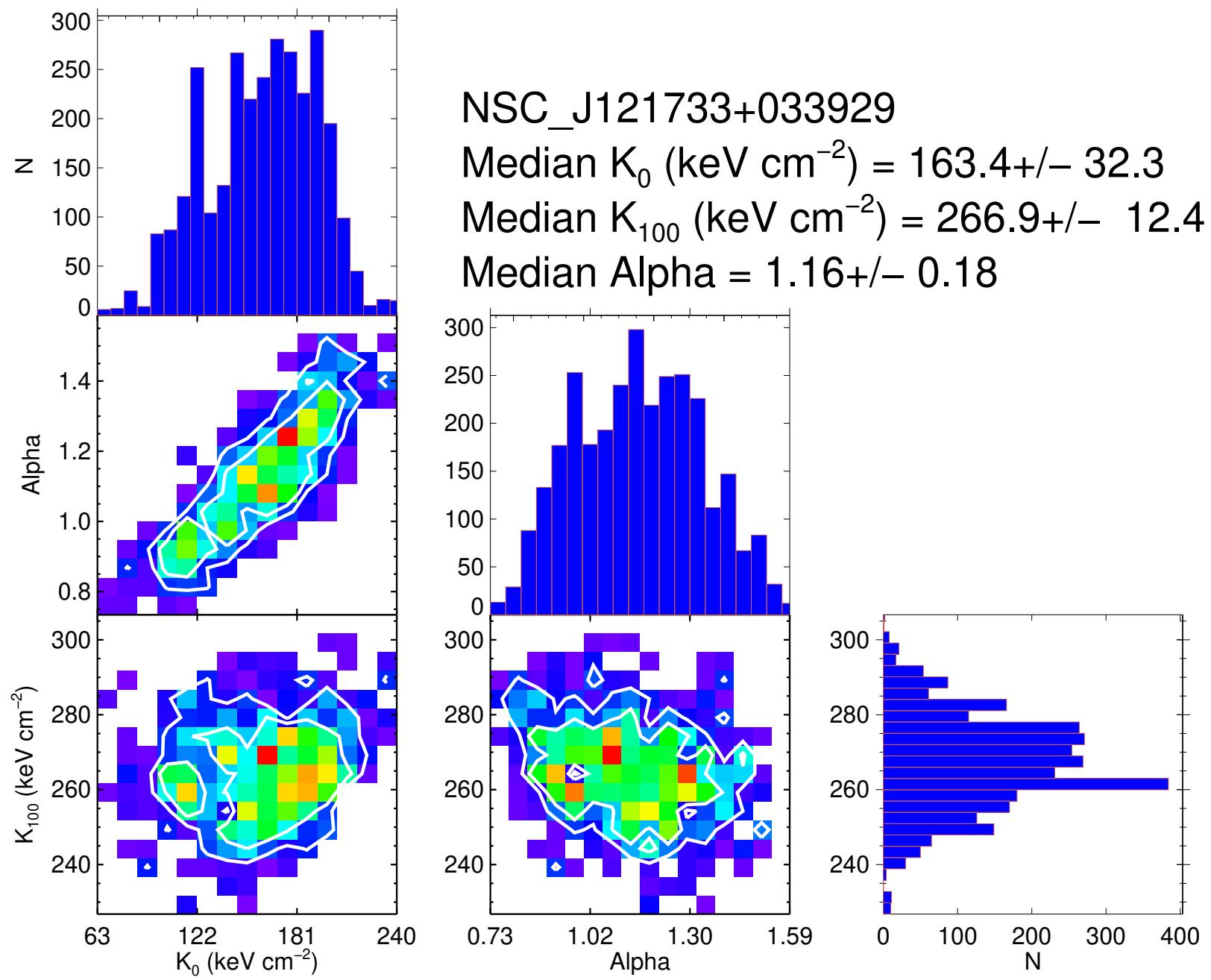


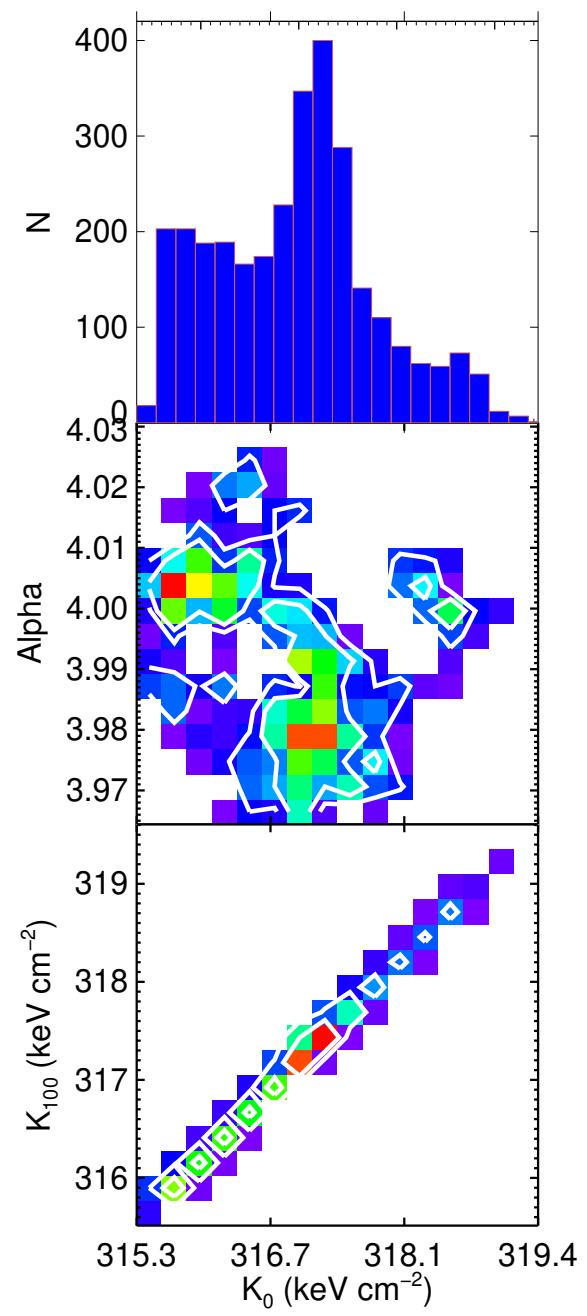
NSCS_J145715+222009
Median K_0 (keV cm $^{-2}$) = $14.7+/- 1.9$
Median K_{100} (keV cm $^{-2}$) = $95.2+/- 3.3$
Median Alpha = $1.23+/- 0.06$



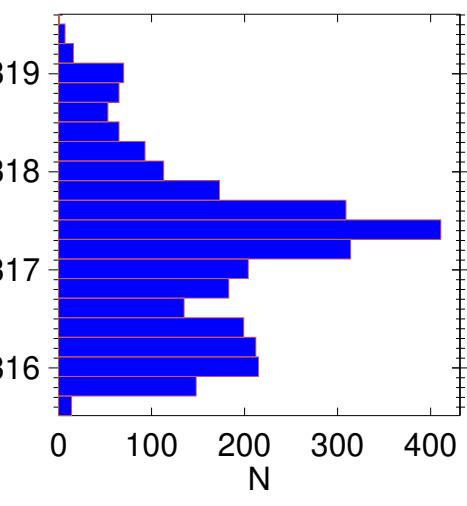
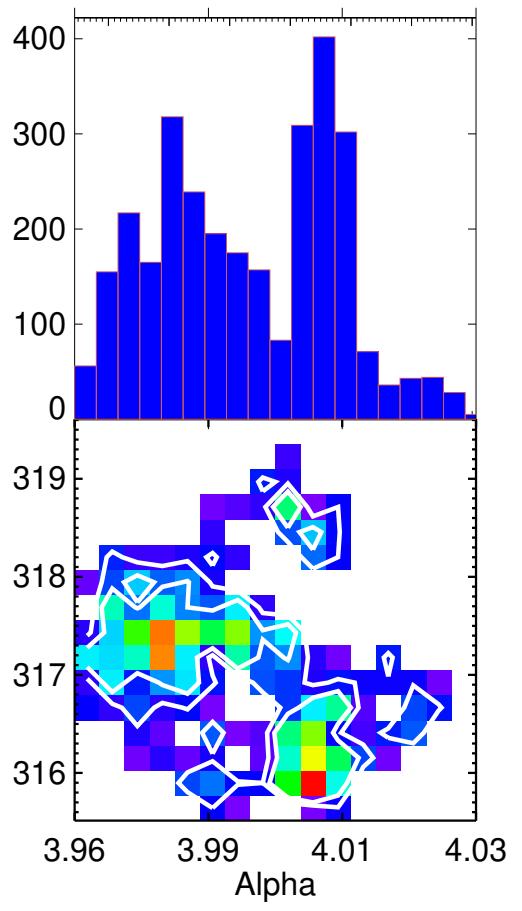


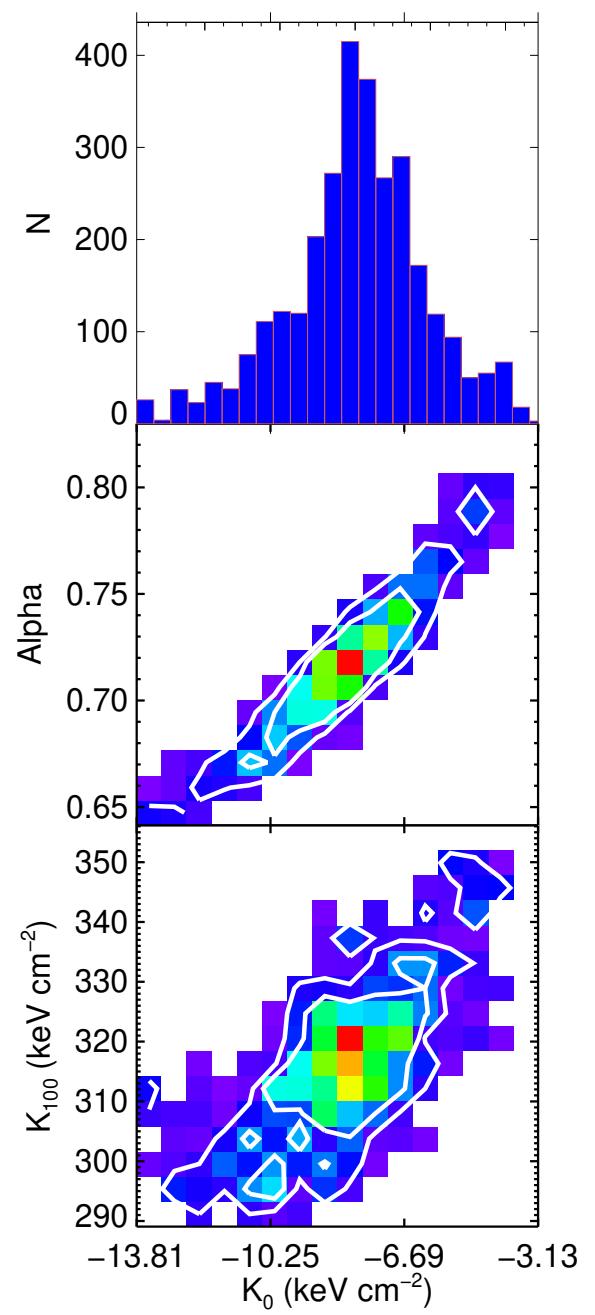




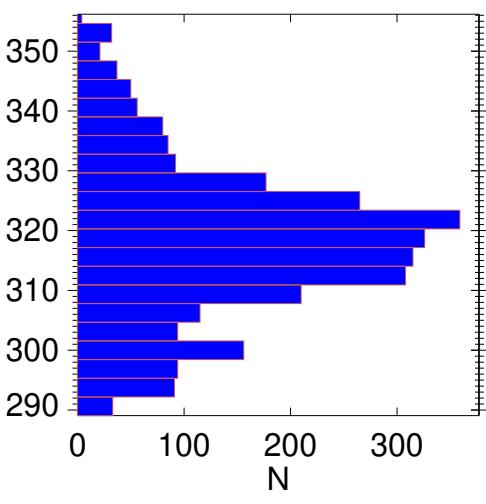
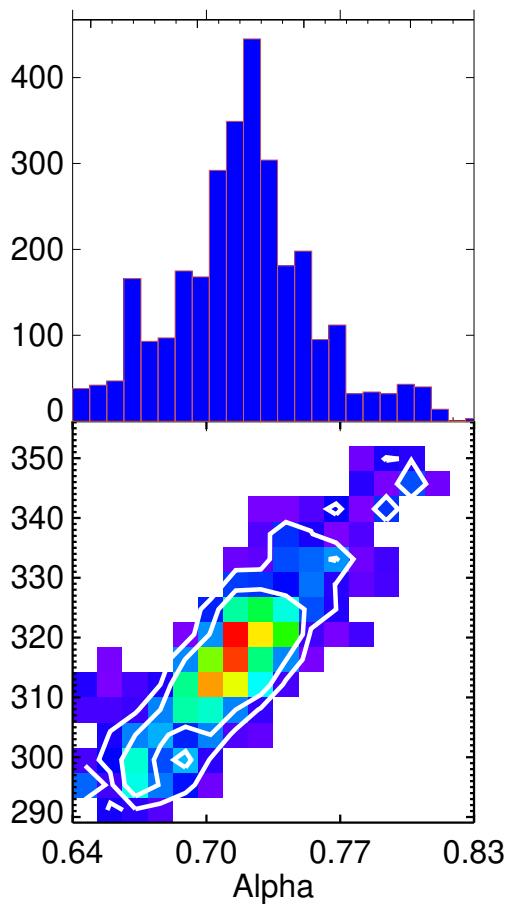


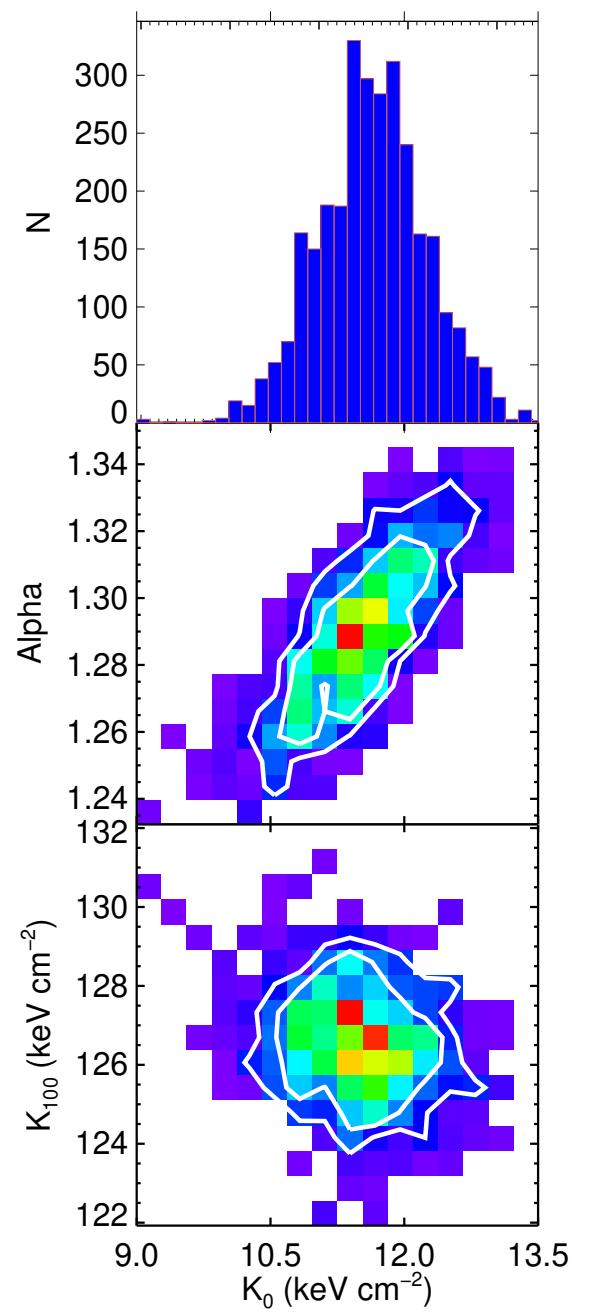
NSC_J174715+451155
Median K_0 (keV cm $^{-2}$) = 317.0+/- 0.8
Median K_{100} (keV cm $^{-2}$) = 317.3+/- 0.8
Median Alpha = 3.99+/- 0.01



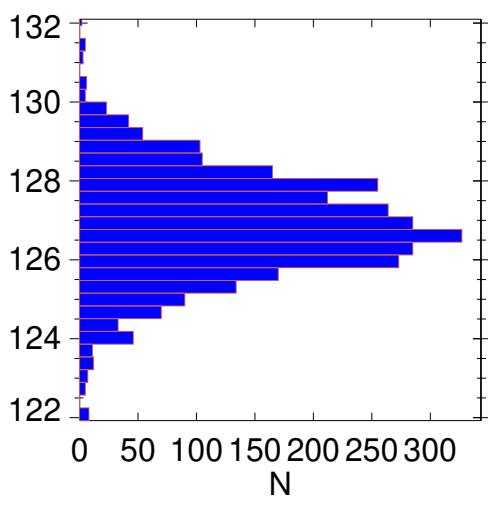
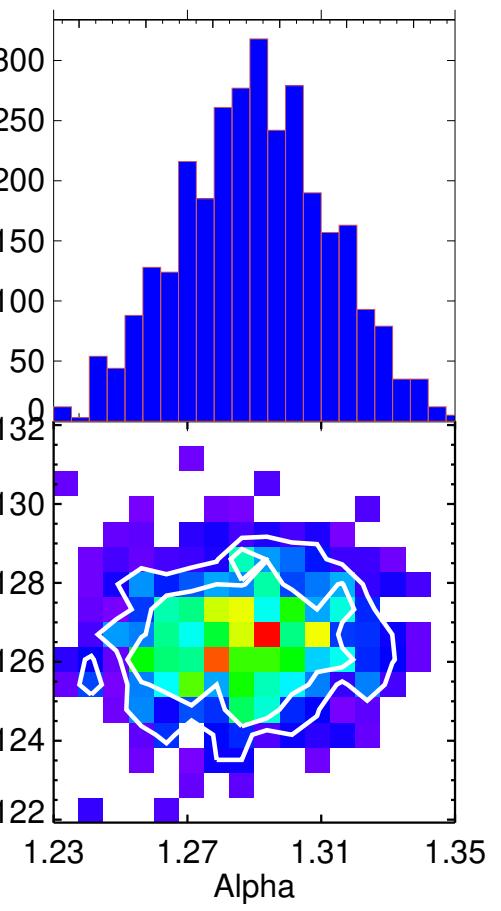


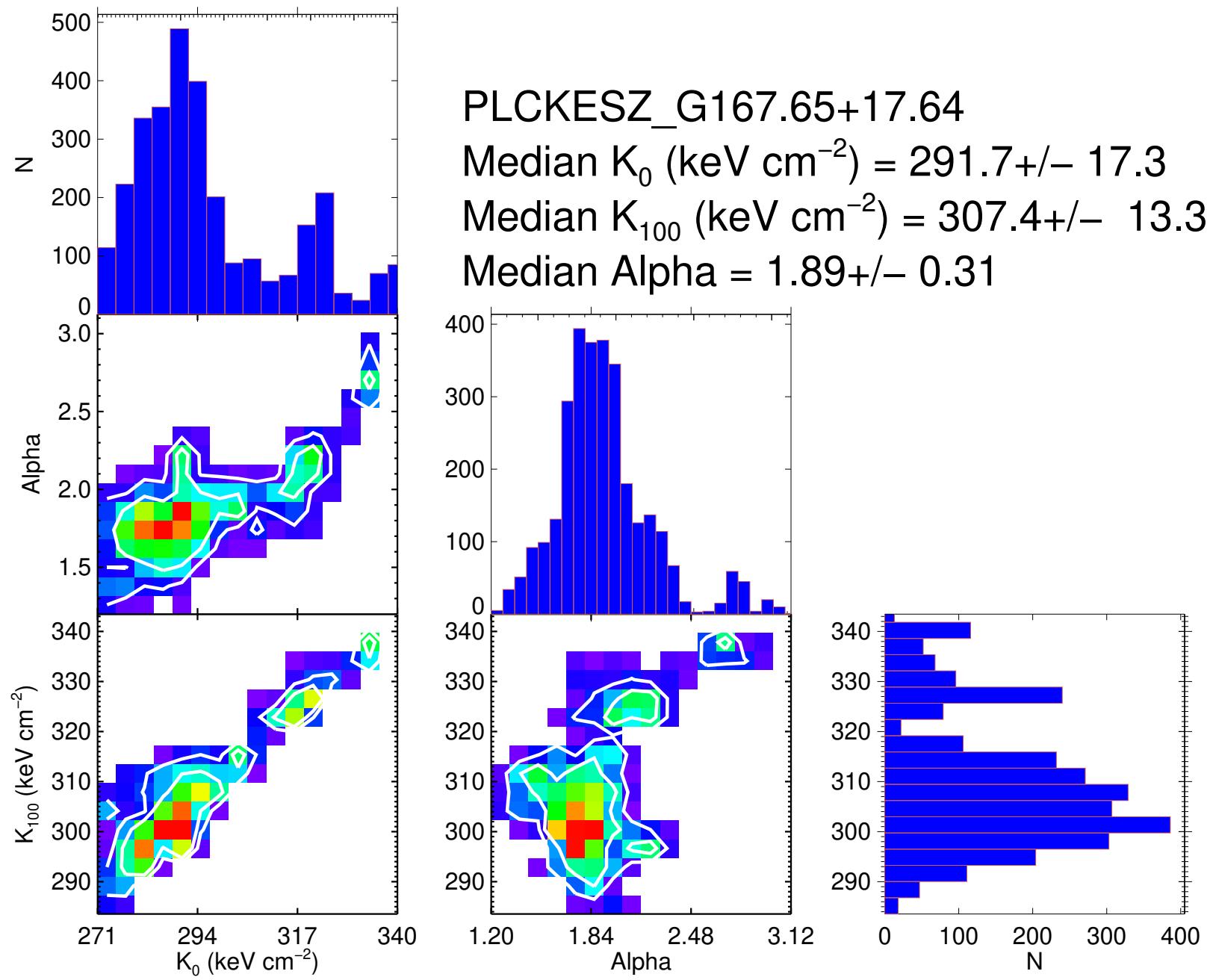
Ophiuchus_CLUSTER
 Median K_0 (keV cm $^{-2}$) = $-7.9+/- 1.9$
 Median K_{100} (keV cm $^{-2}$) = $318.2+/- 12.9$
 Median Alpha = $0.72+/- 0.03$

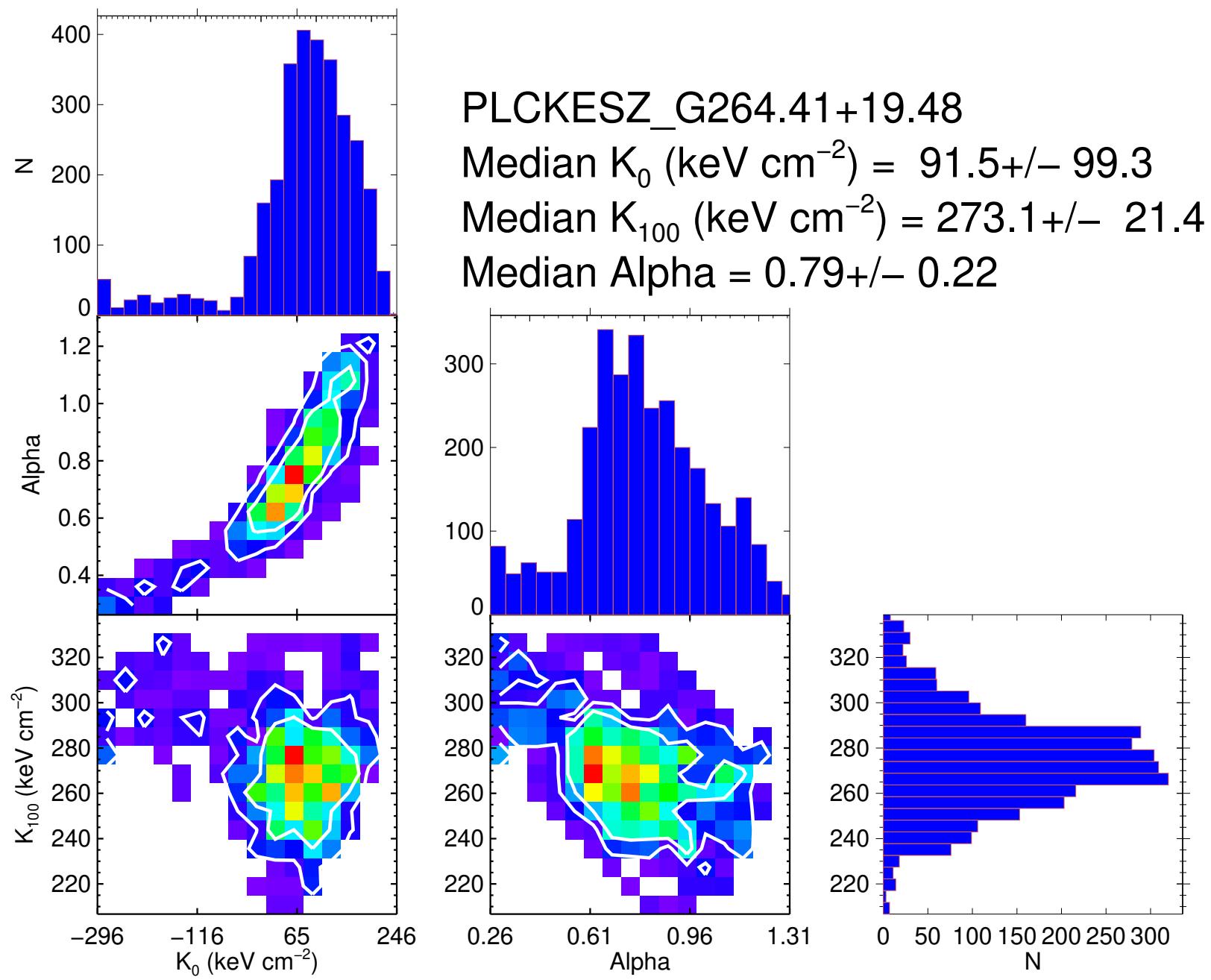


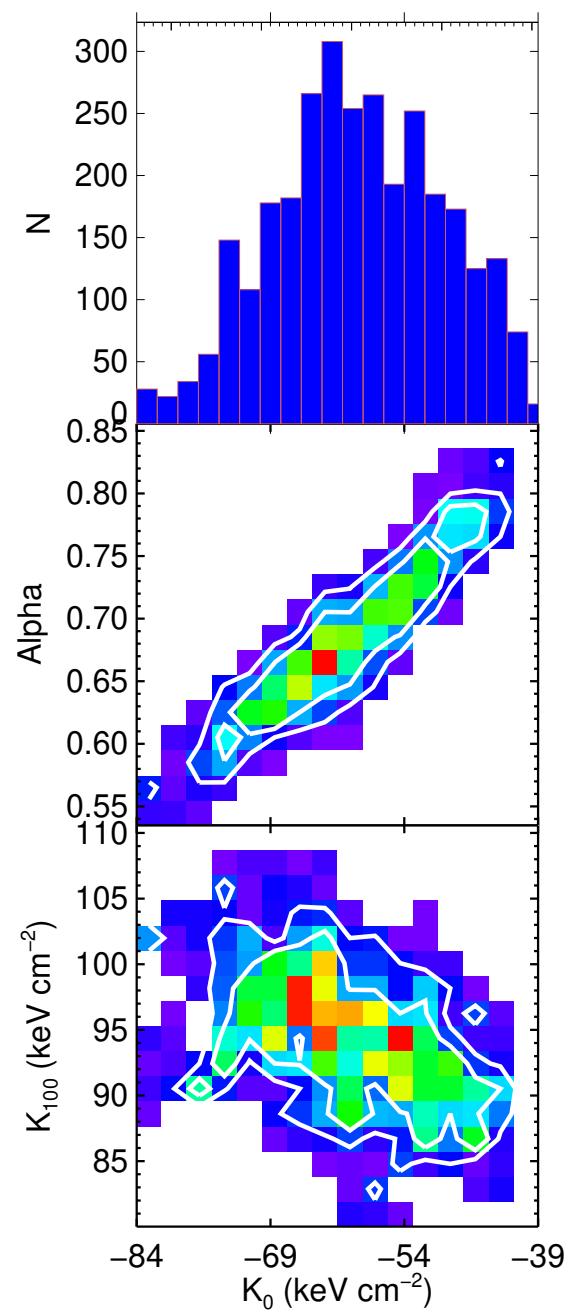


PKS_0745-19
Median K_0 (keV cm $^{-2}$) = 11.6+/- 0.6
Median K_{100} (keV cm $^{-2}$) = 126.8+/- 1.3
Median Alpha = 1.29+/- 0.02

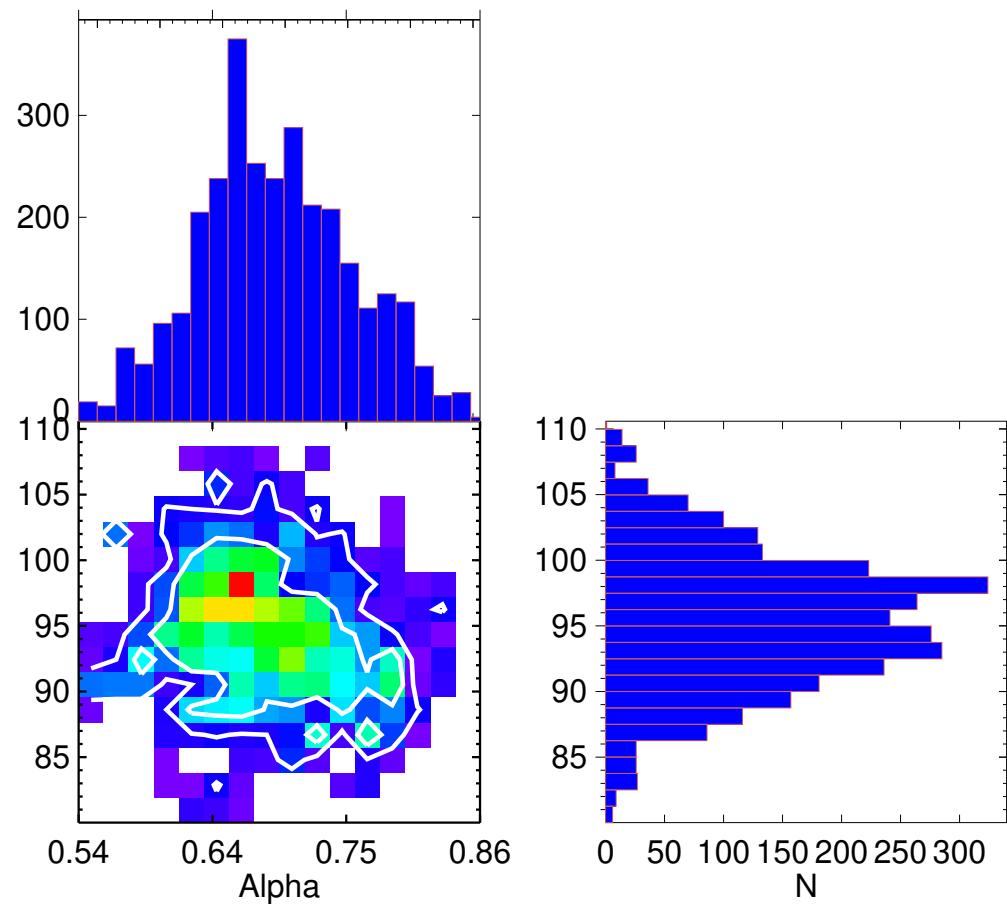


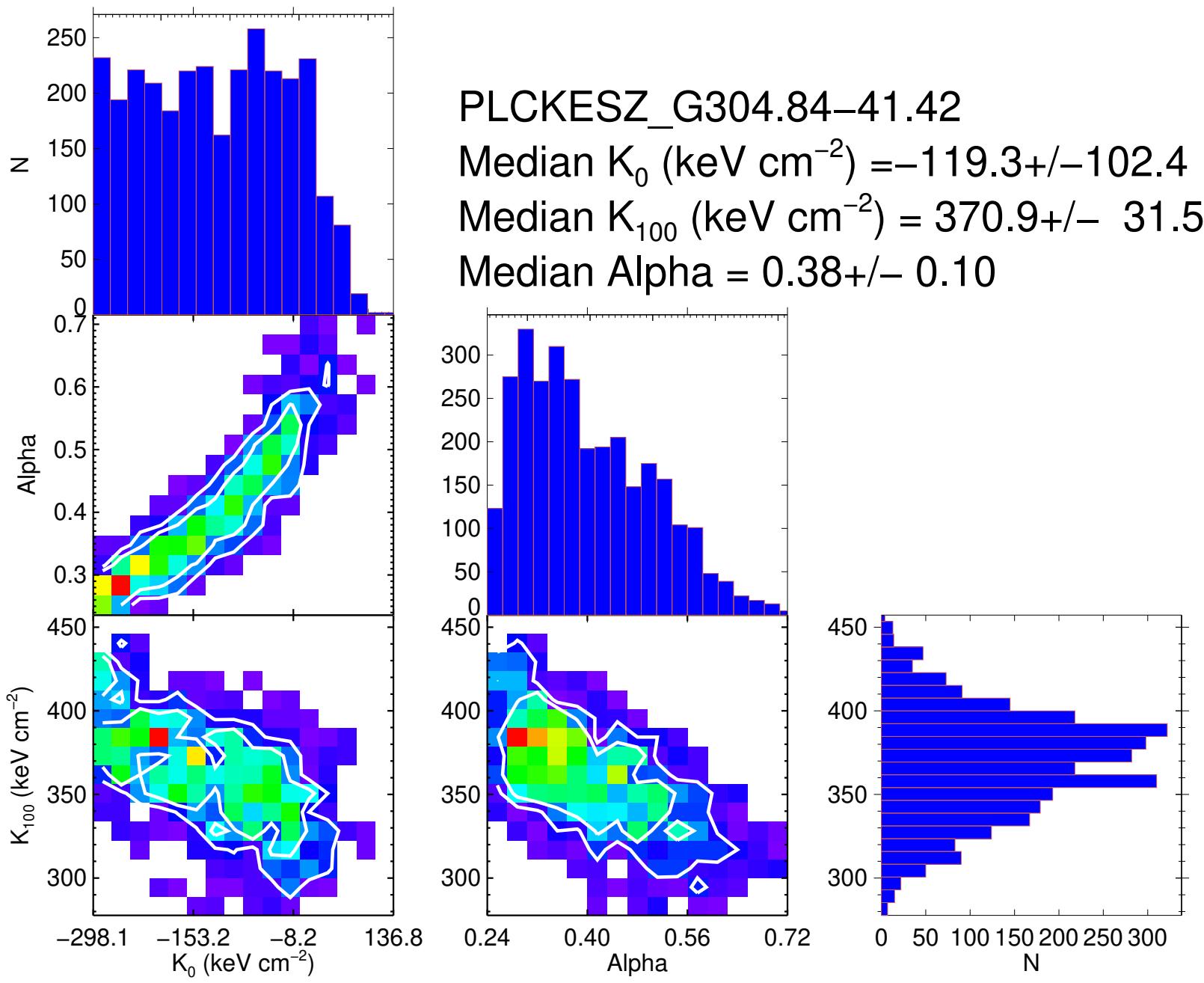


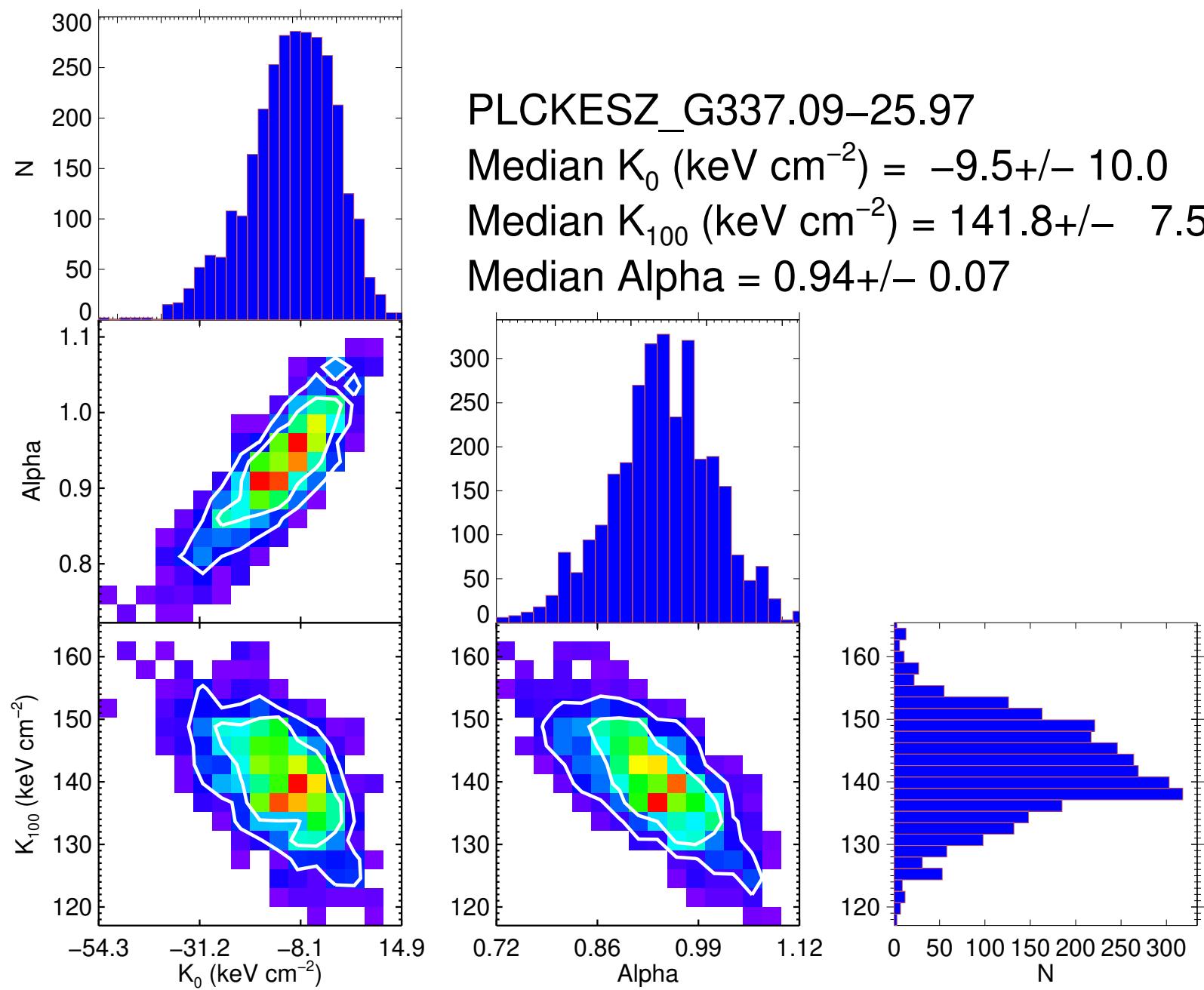


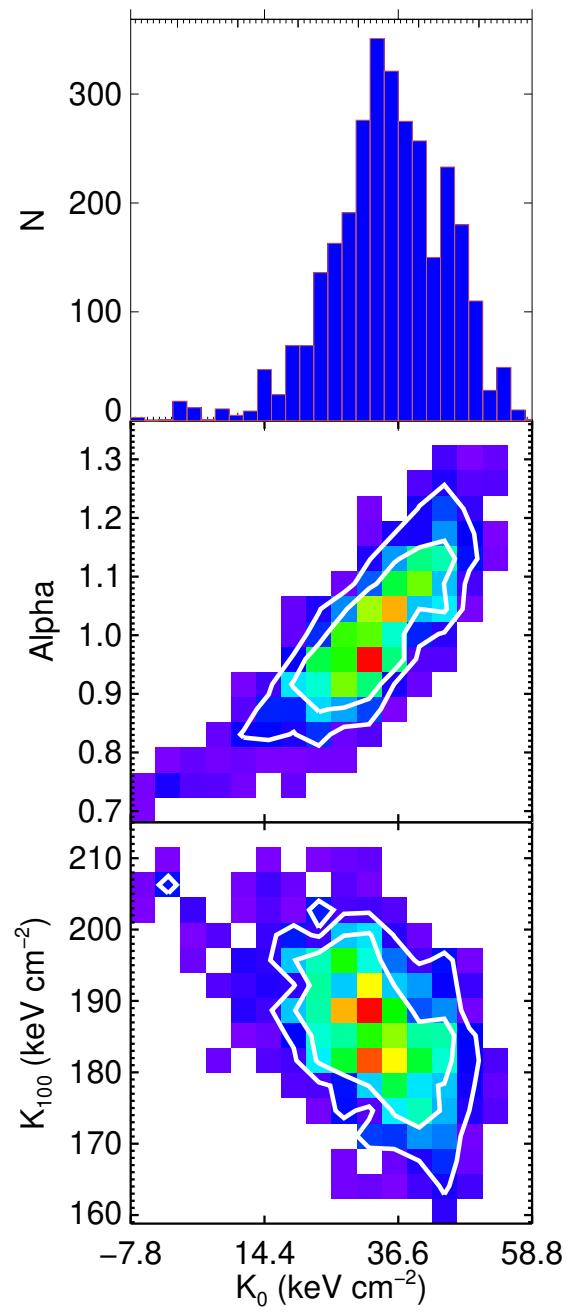


PLCKESZ_G286.58–31.25
 Median K_0 (keV cm^{-2}) = -59.9 ± 9.4
 Median K_{100} (keV cm^{-2}) = 95.5 ± 5.1
 Median Alpha = 0.69 ± 0.06







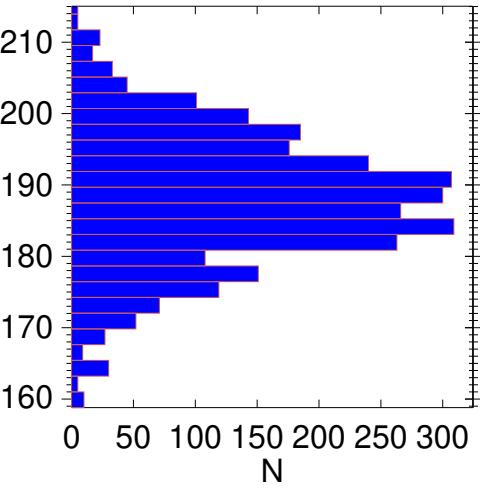
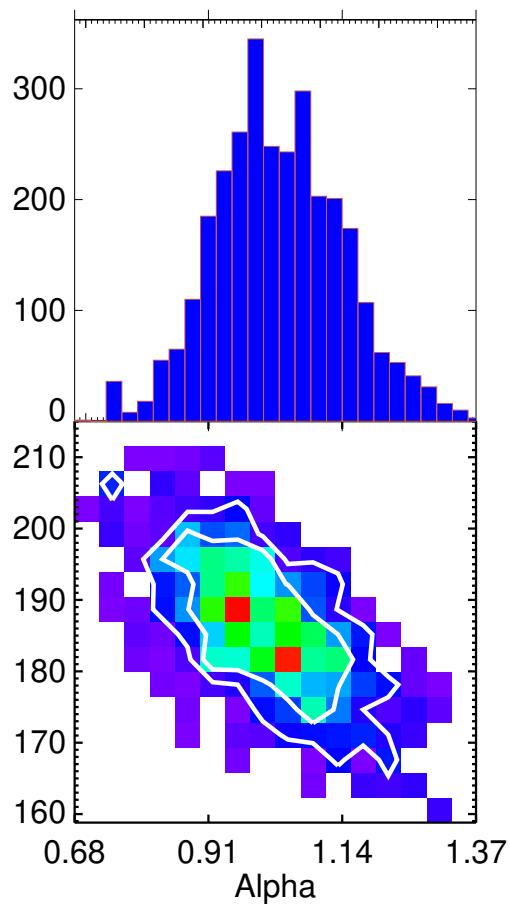


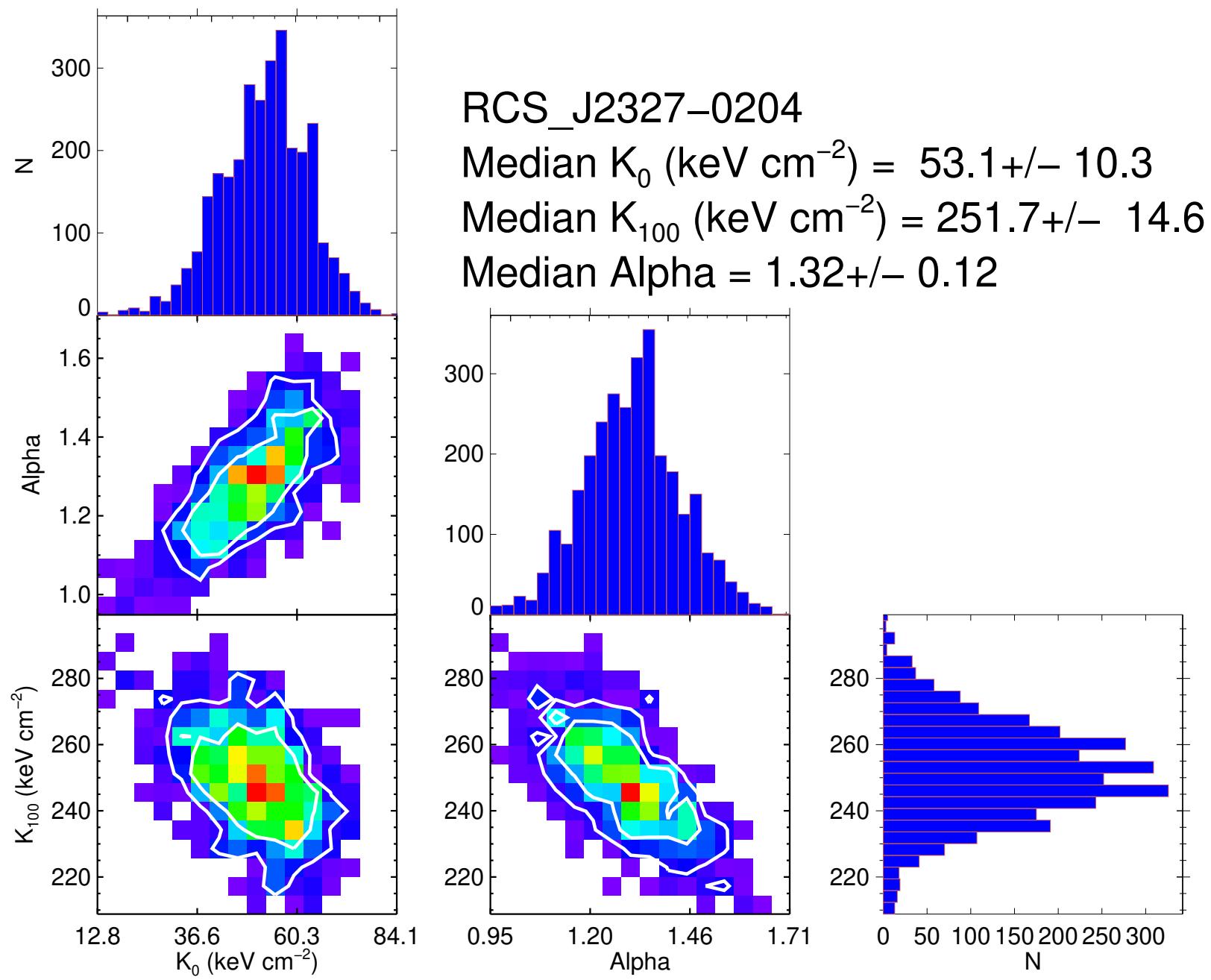
RBS_0653

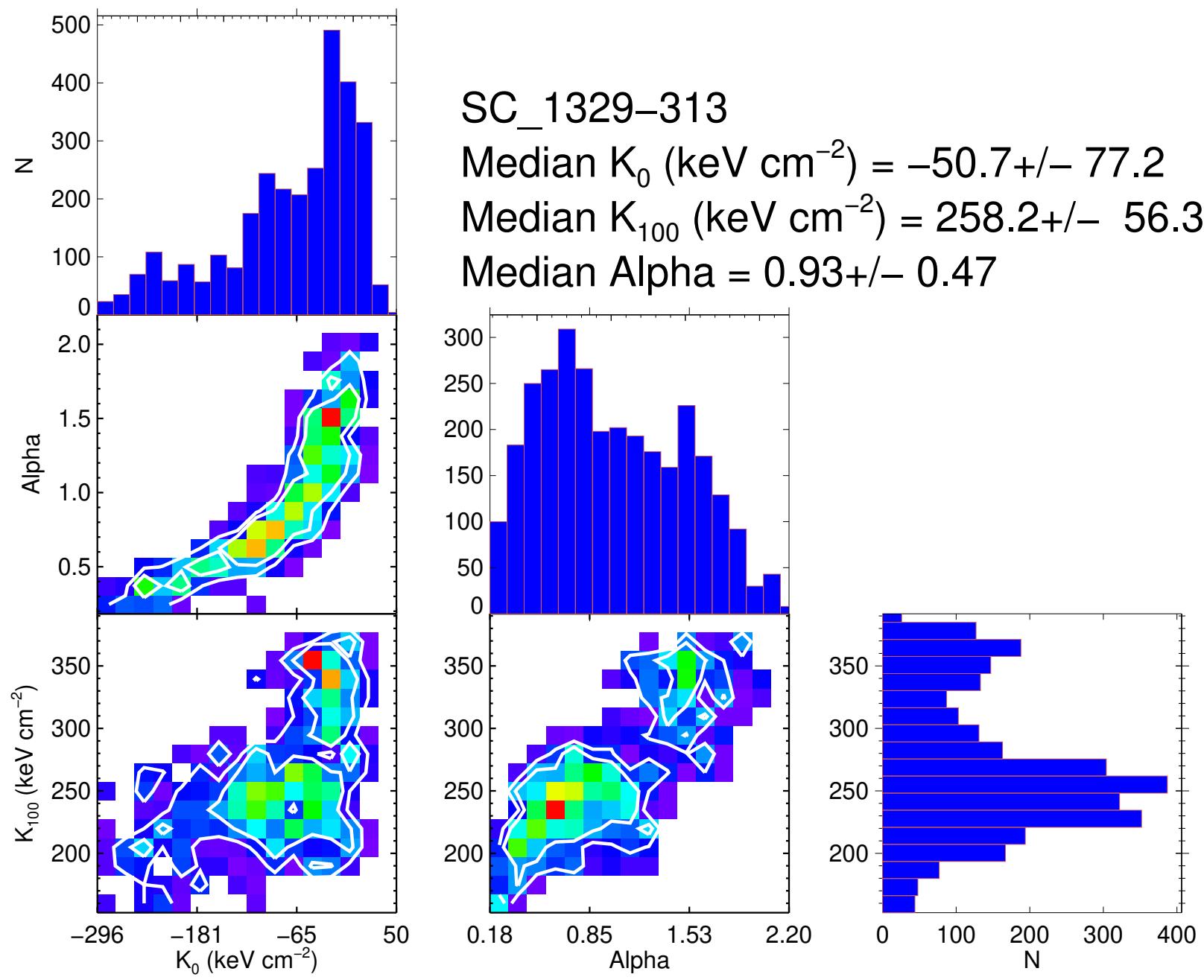
Median K_0 (keV cm $^{-2}$) = 35.2 ± 9.6

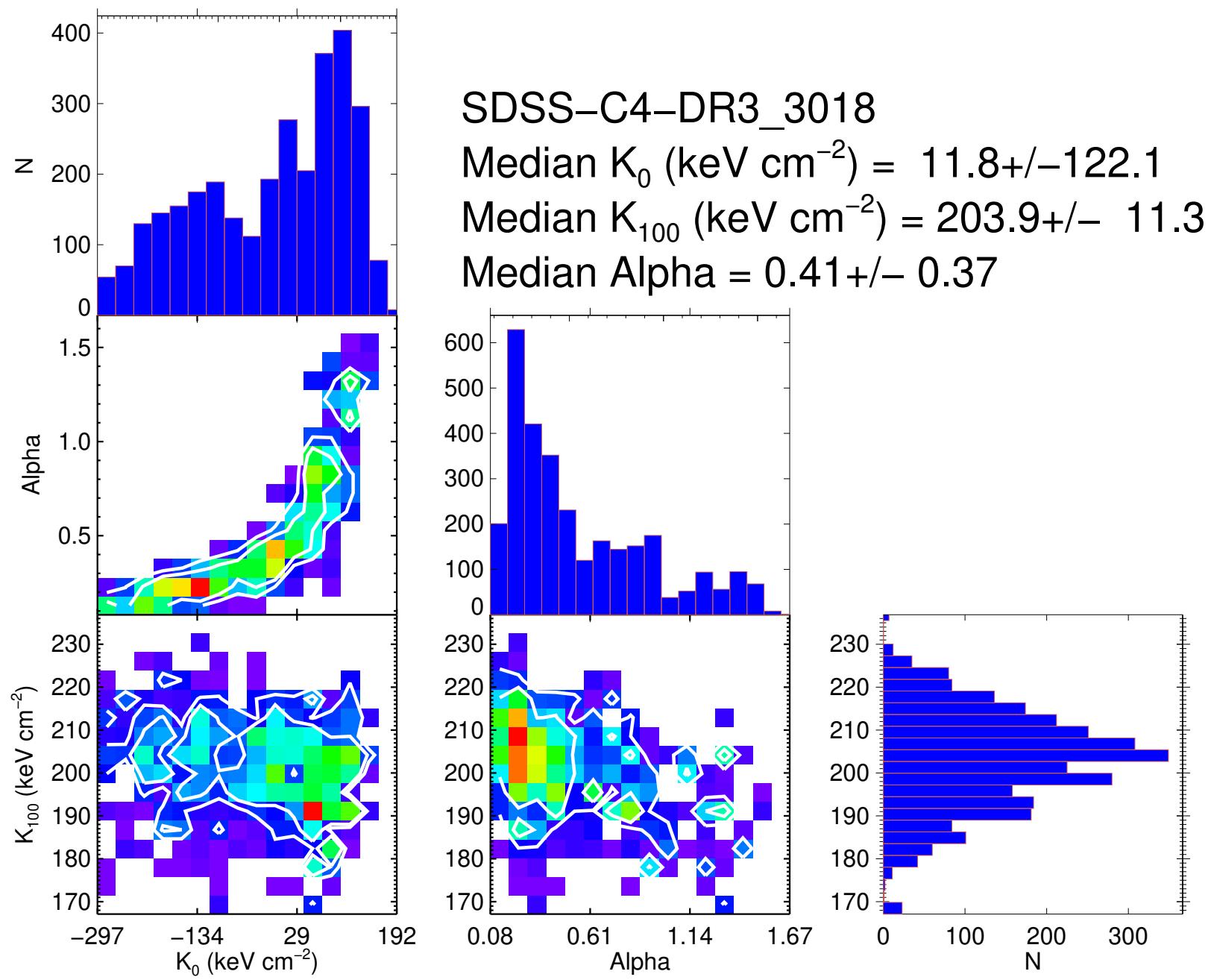
Median K_{100} (keV cm $^{-2}$) = 188.4 ± 9.1

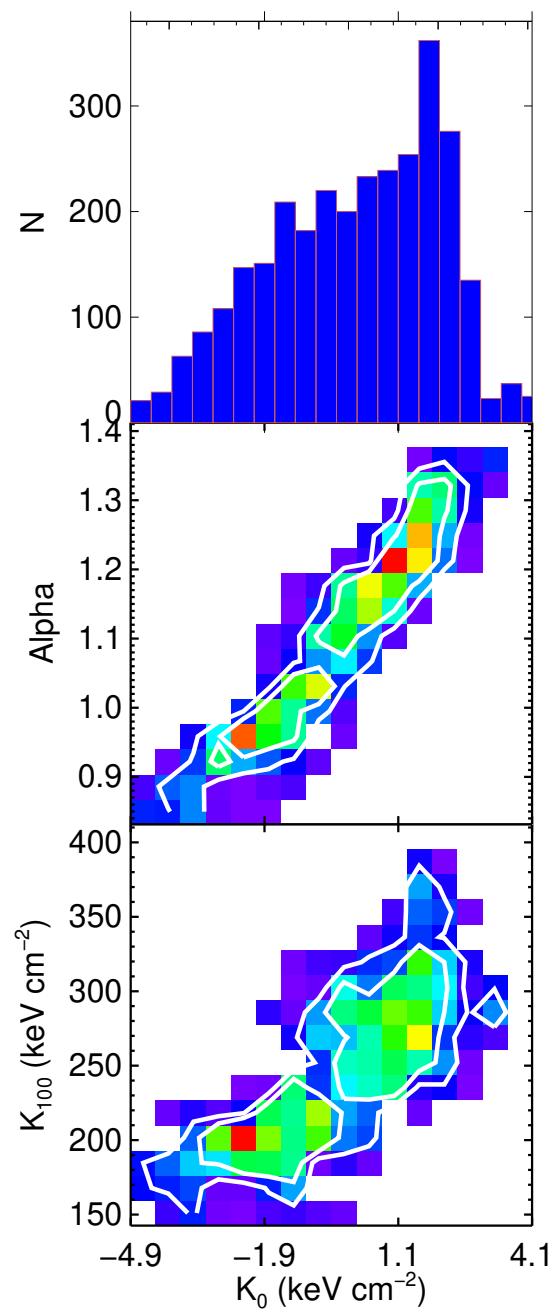
Median Alpha = 1.02 ± 0.11



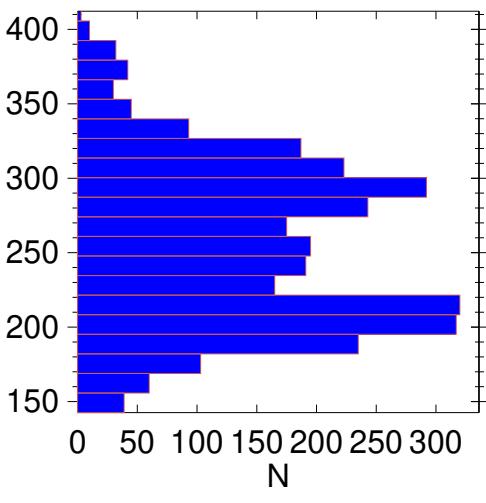
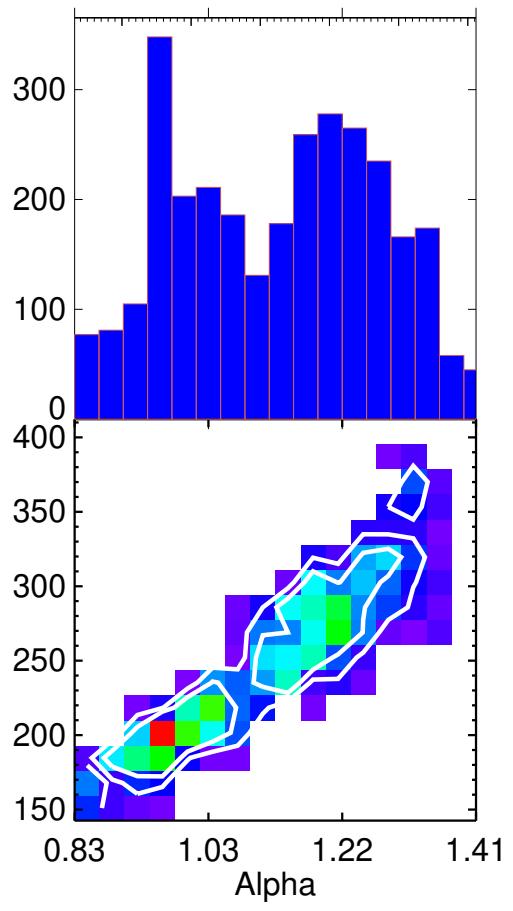


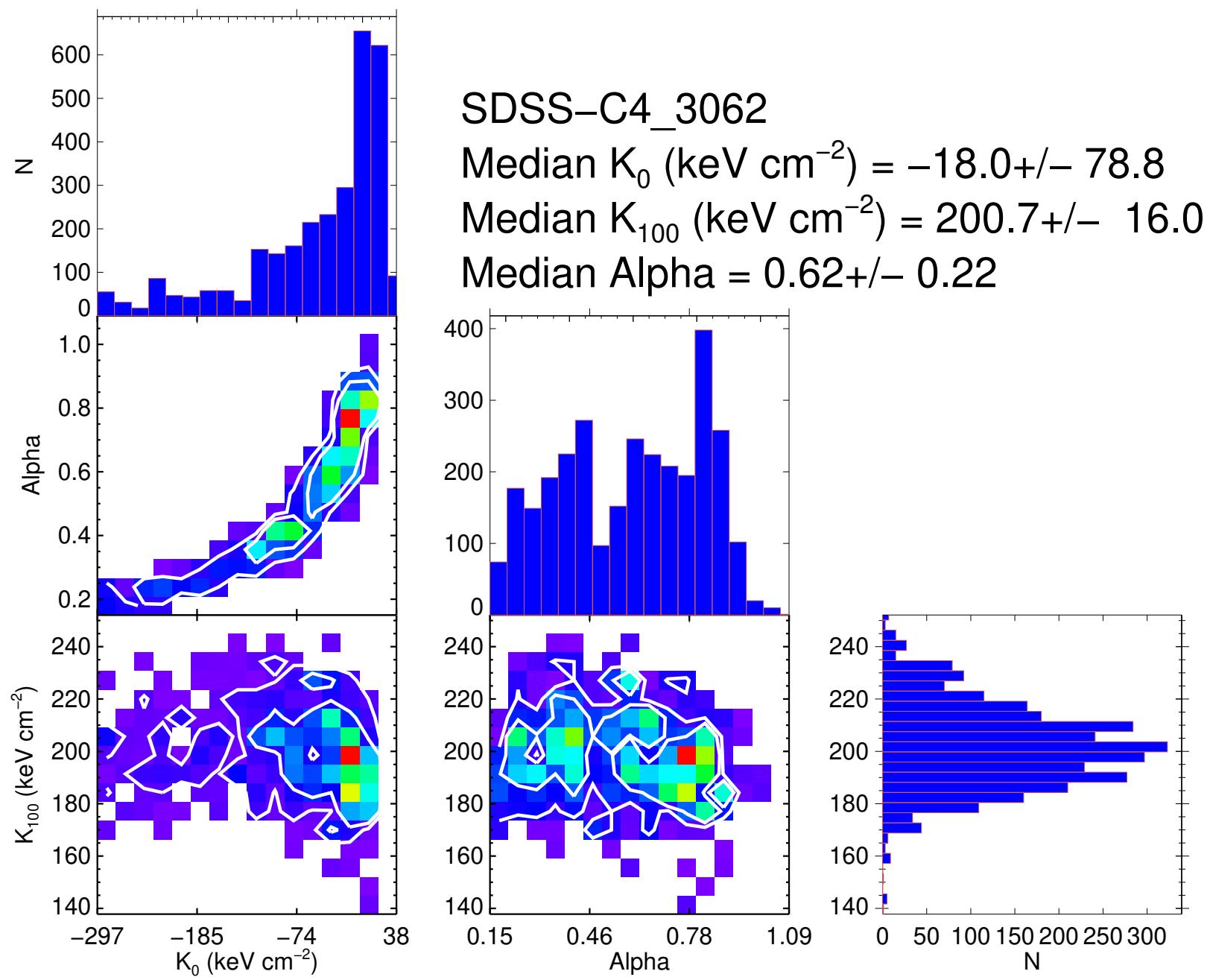


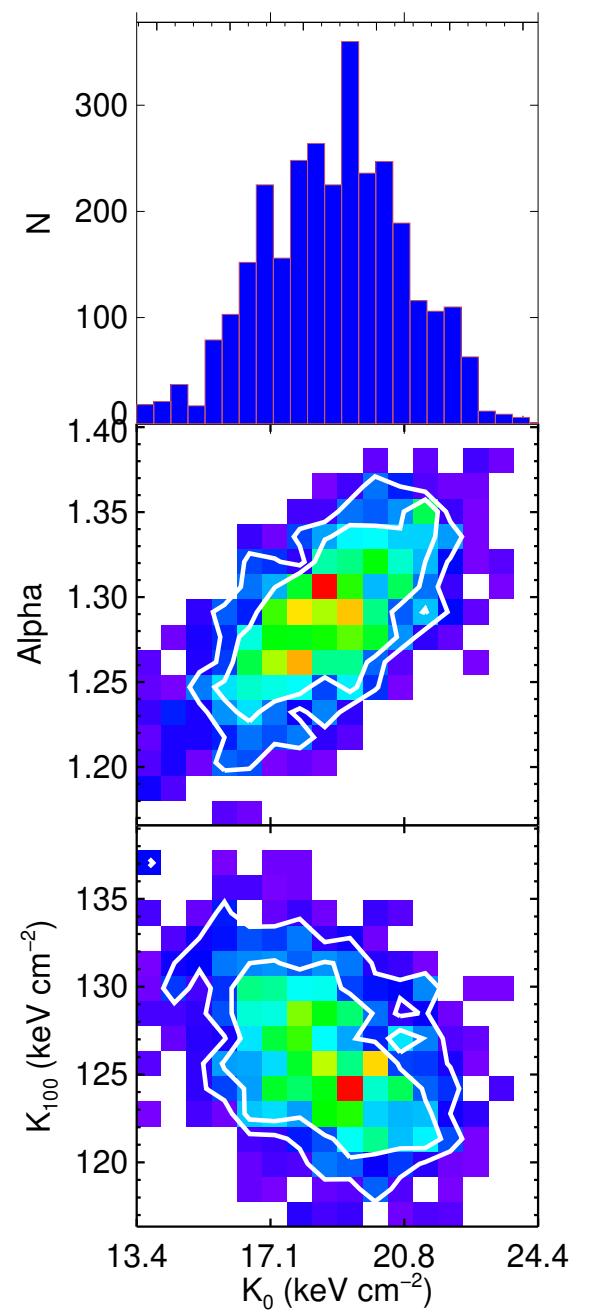




SDSS-C4-DR3_3144
 Median $K_0 \text{ (keV cm}^{-2}\text{)} = 0.3+/- 1.9$
 Median $K_{100} \text{ (keV cm}^{-2}\text{)} = 254.5+/- 54.2$
 Median Alpha = $1.14+/- 0.14$





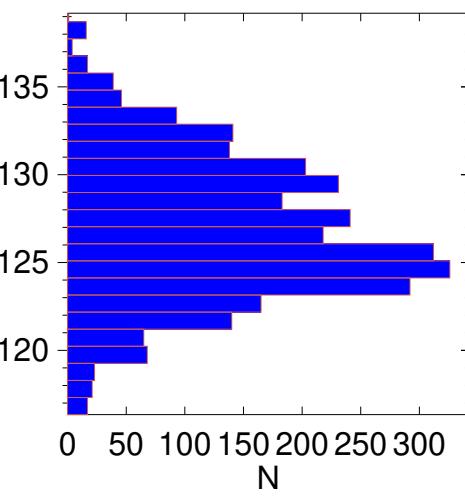
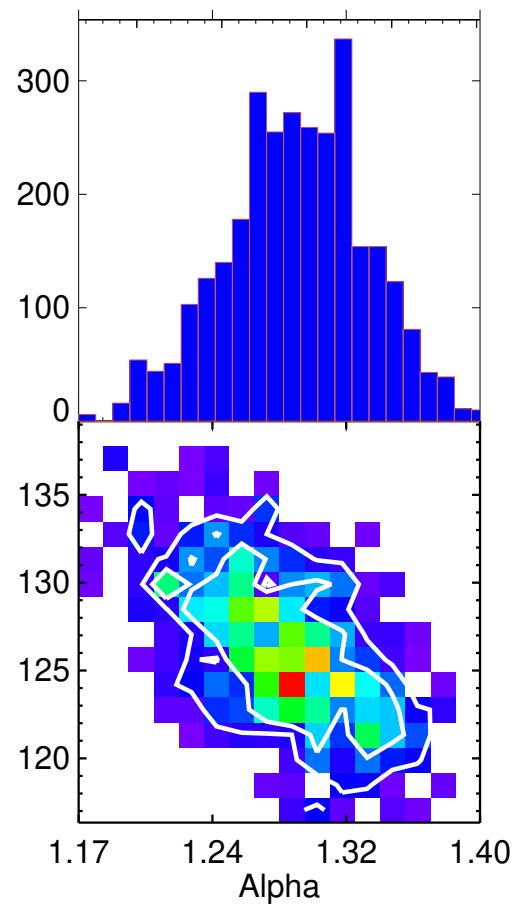


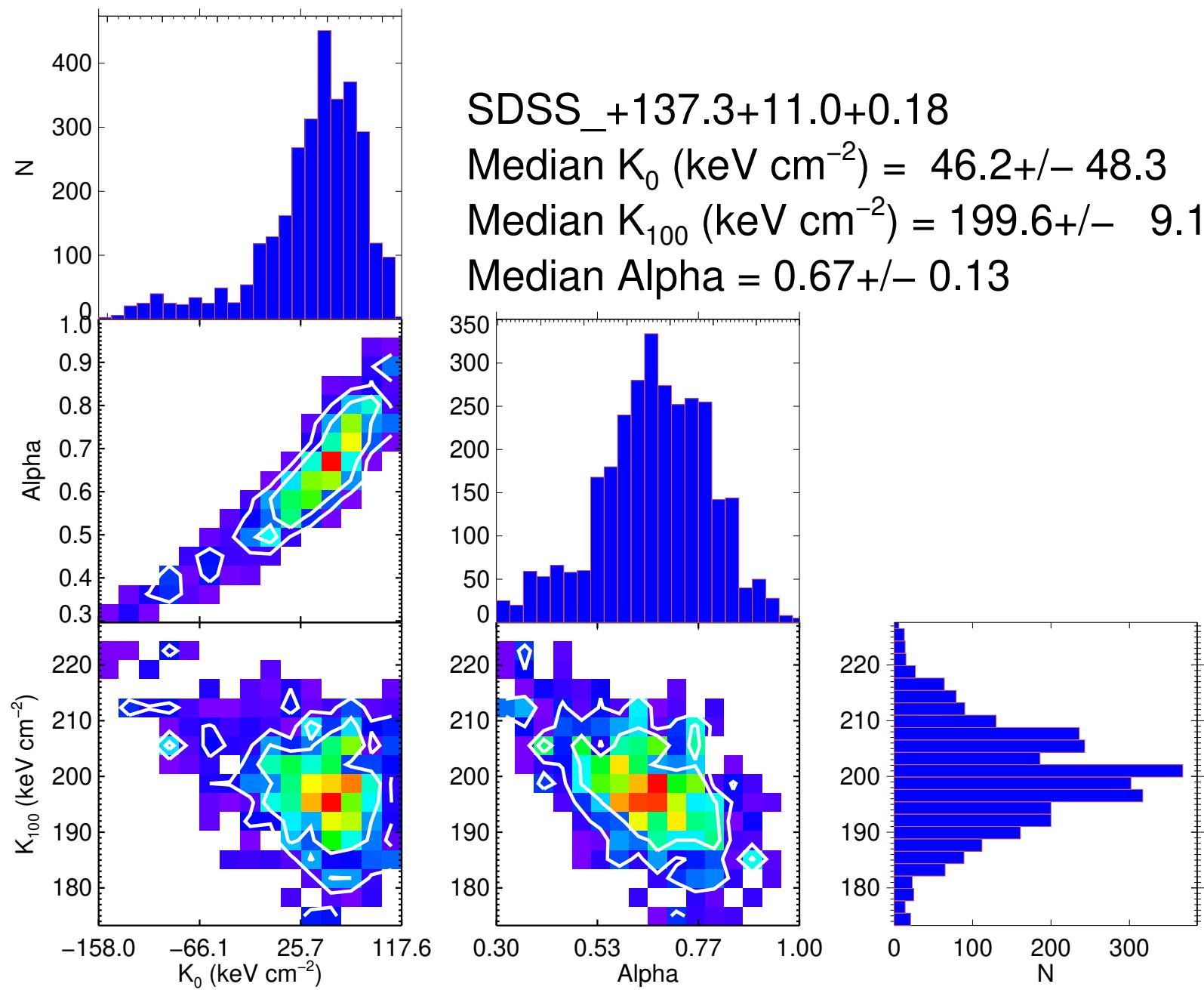
SDSS-C4_3072

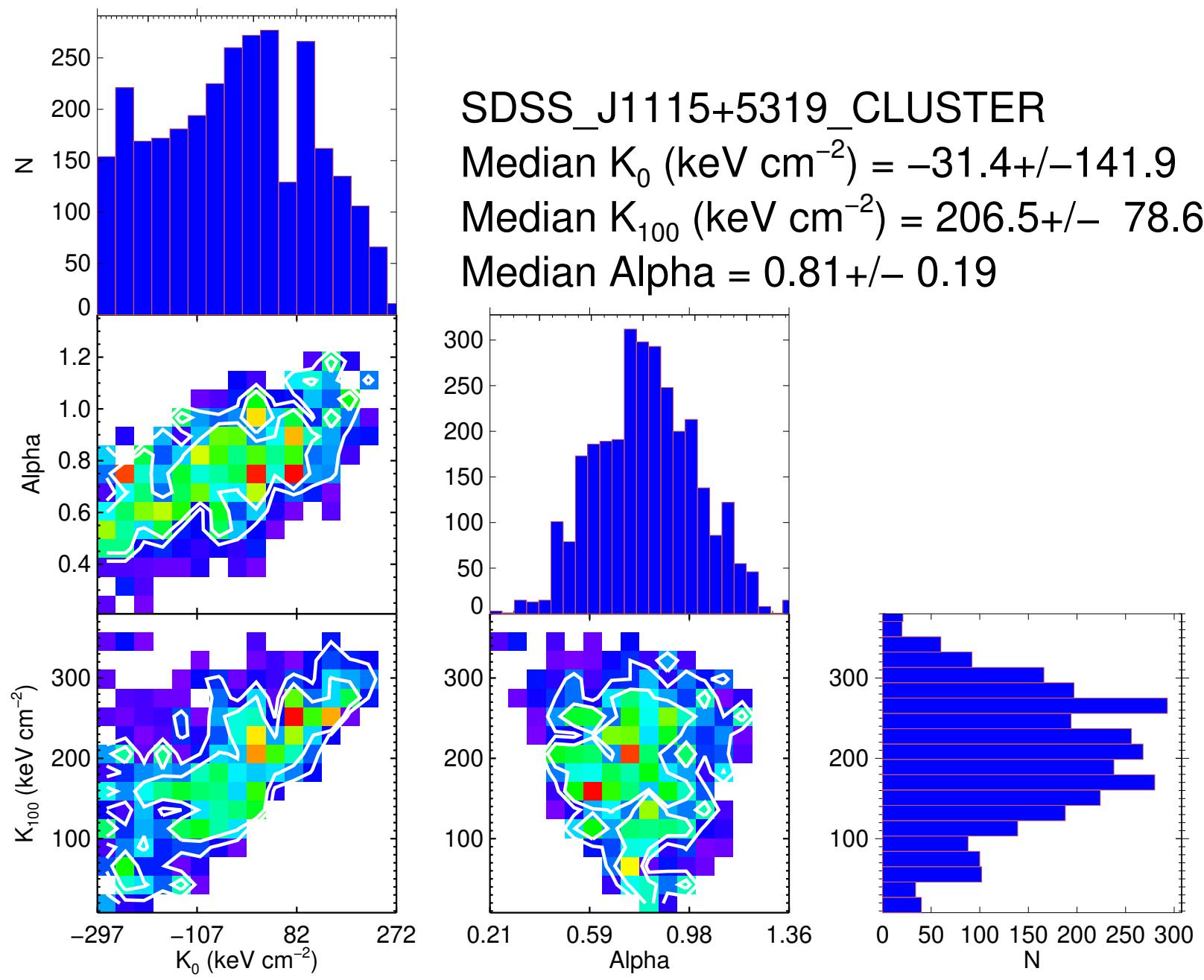
Median K_0 (keV cm^{-2}) = 19.0 ± 1.9

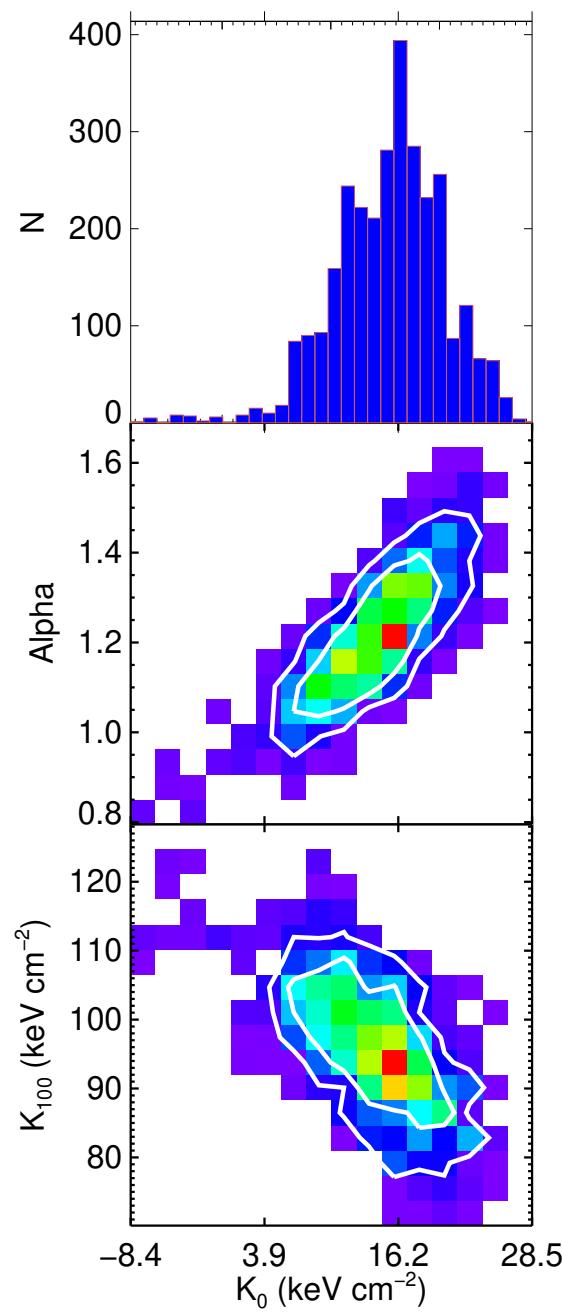
Median K_{100} (keV cm^{-2}) = 126.4 ± 4.0

Median Alpha = 1.29 ± 0.04

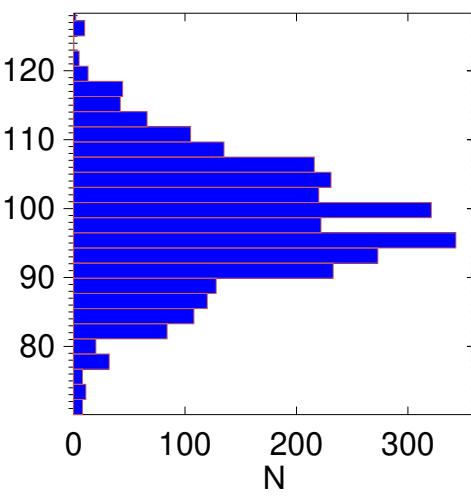
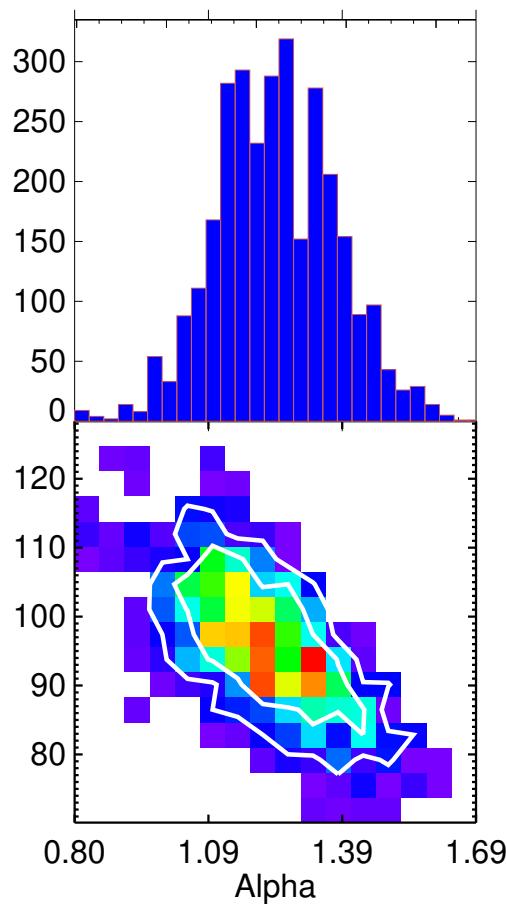


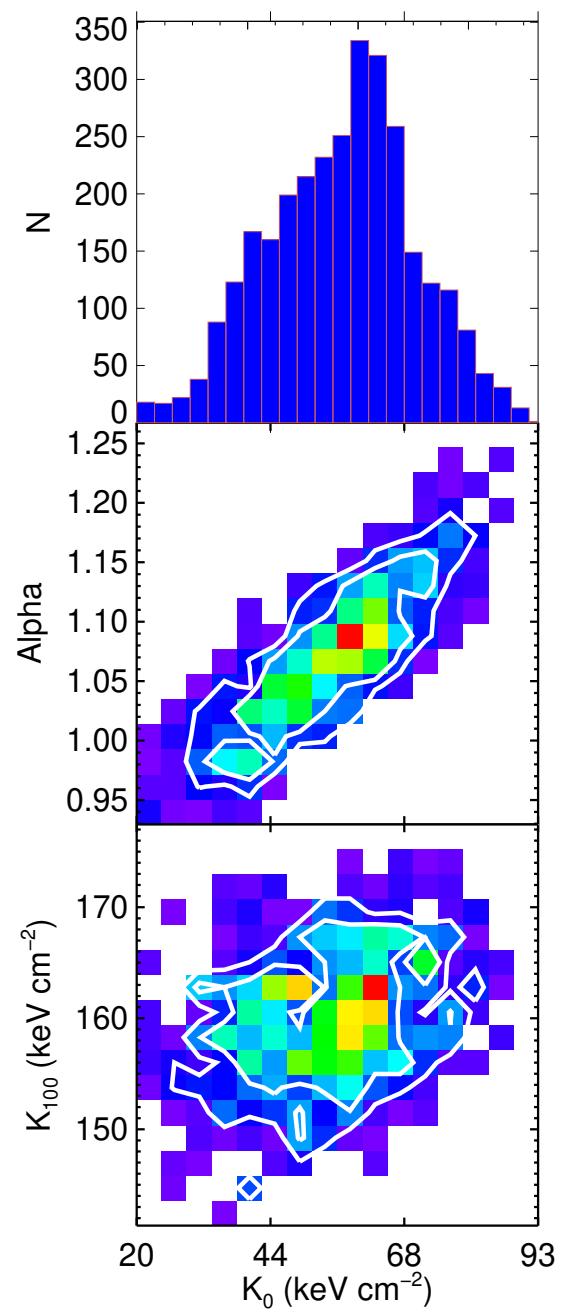




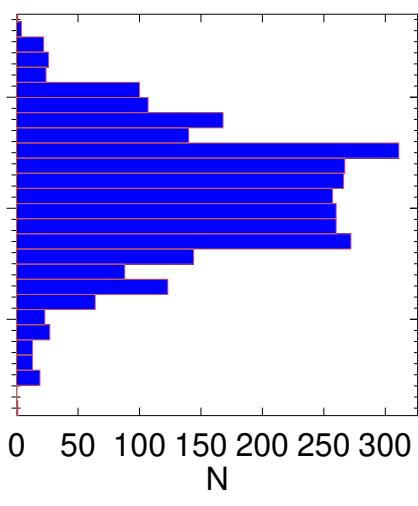
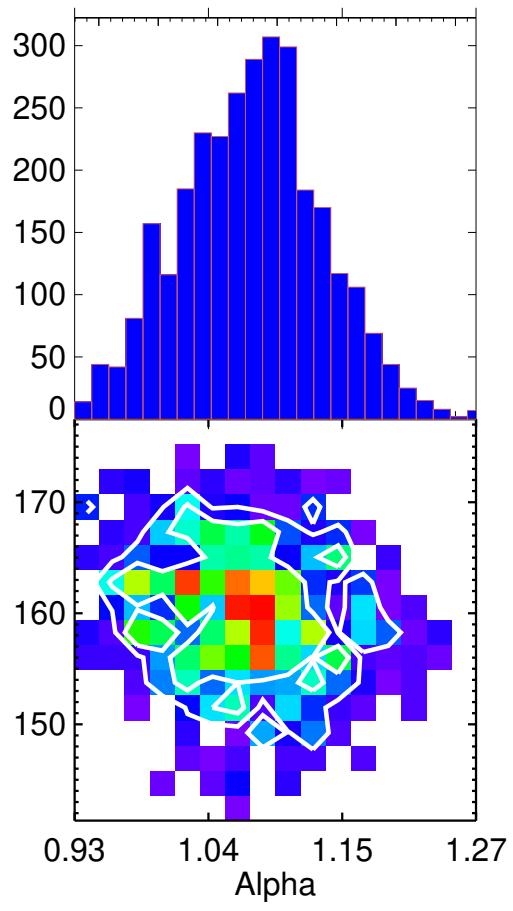


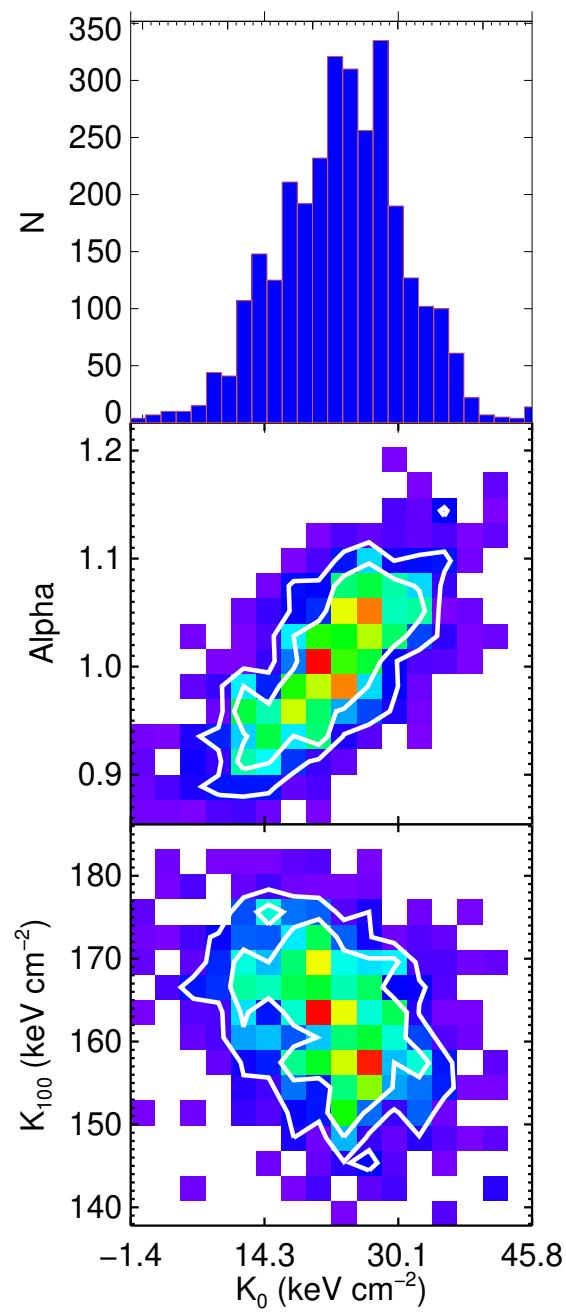
SPT-CLJ2043-5035
Median K_0 (keV cm $^{-2}$) = 16.0+/- 5.0
Median K_{100} (keV cm $^{-2}$) = 97.8+/- 9.1
Median Alpha = 1.24+/- 0.13





SPT-CL_J0102-4915
Median K_0 (keV cm $^{-2}$) = $58.2+/- 13.3$
Median K_{100} (keV cm $^{-2}$) = $161.3+/- 5.6$
Median Alpha = $1.08+/- 0.06$



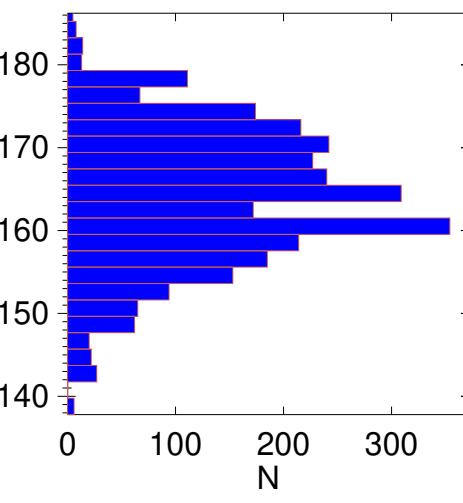
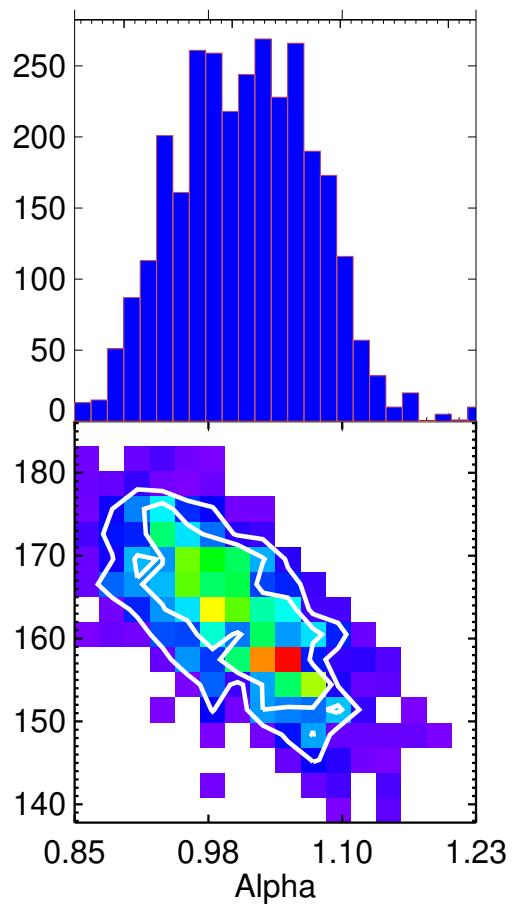


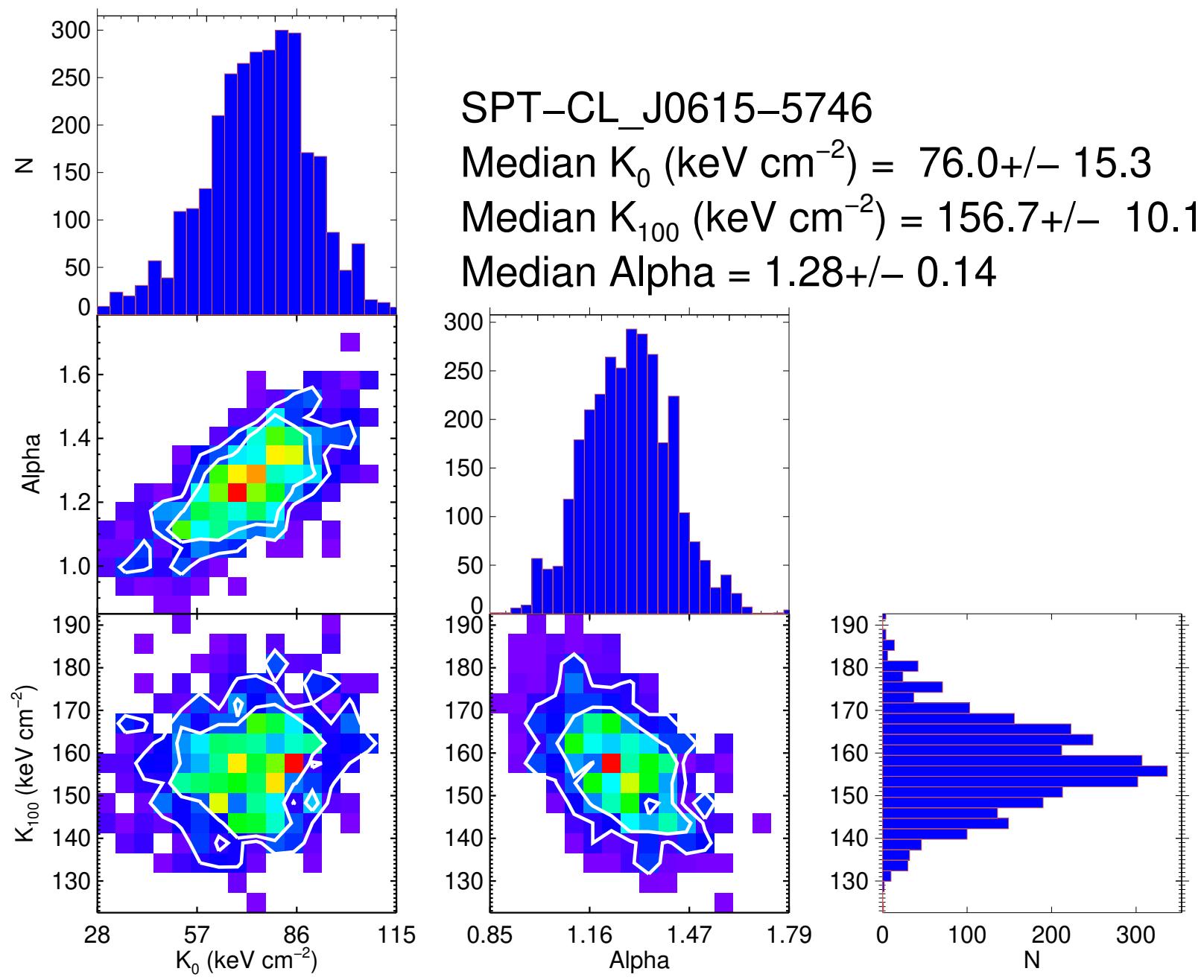
SPT-CL_J0232-4421

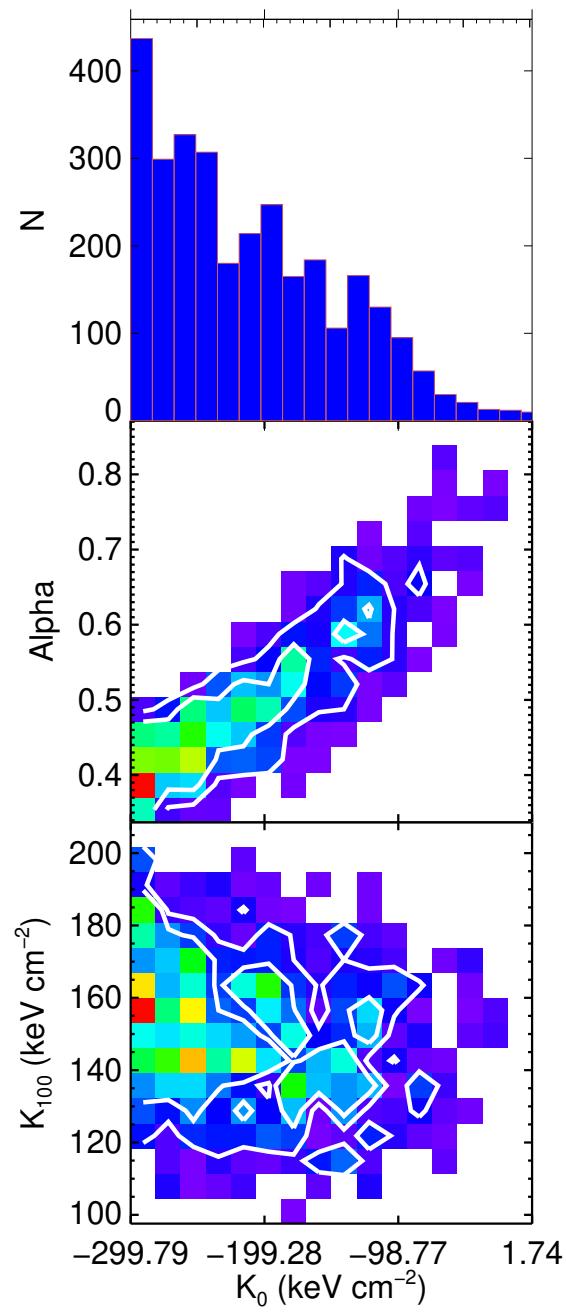
Median K_0 (keV cm $^{-2}$) = 23.8+/- 7.3

Median K_{100} (keV cm $^{-2}$) = 164.4+/- 8.1

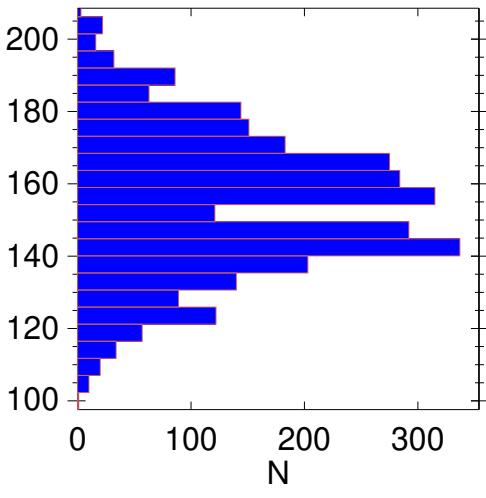
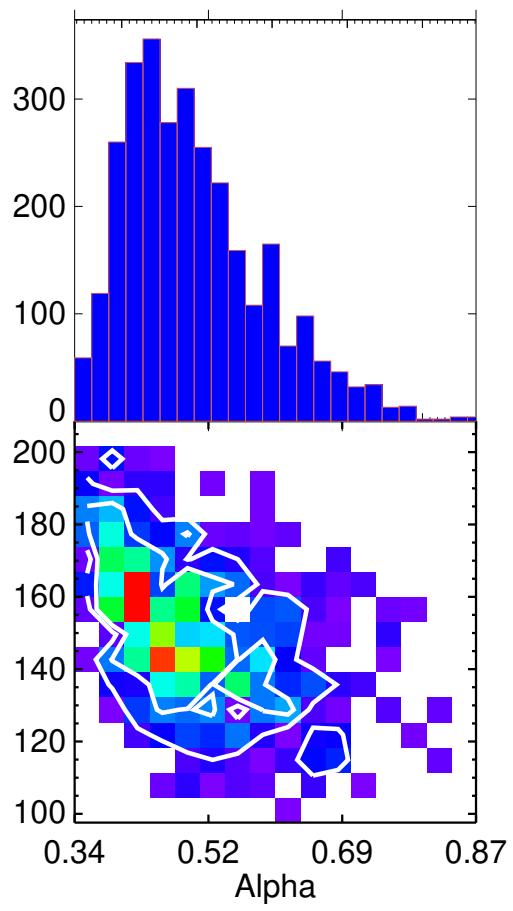
Median Alpha = 1.01+/- 0.06

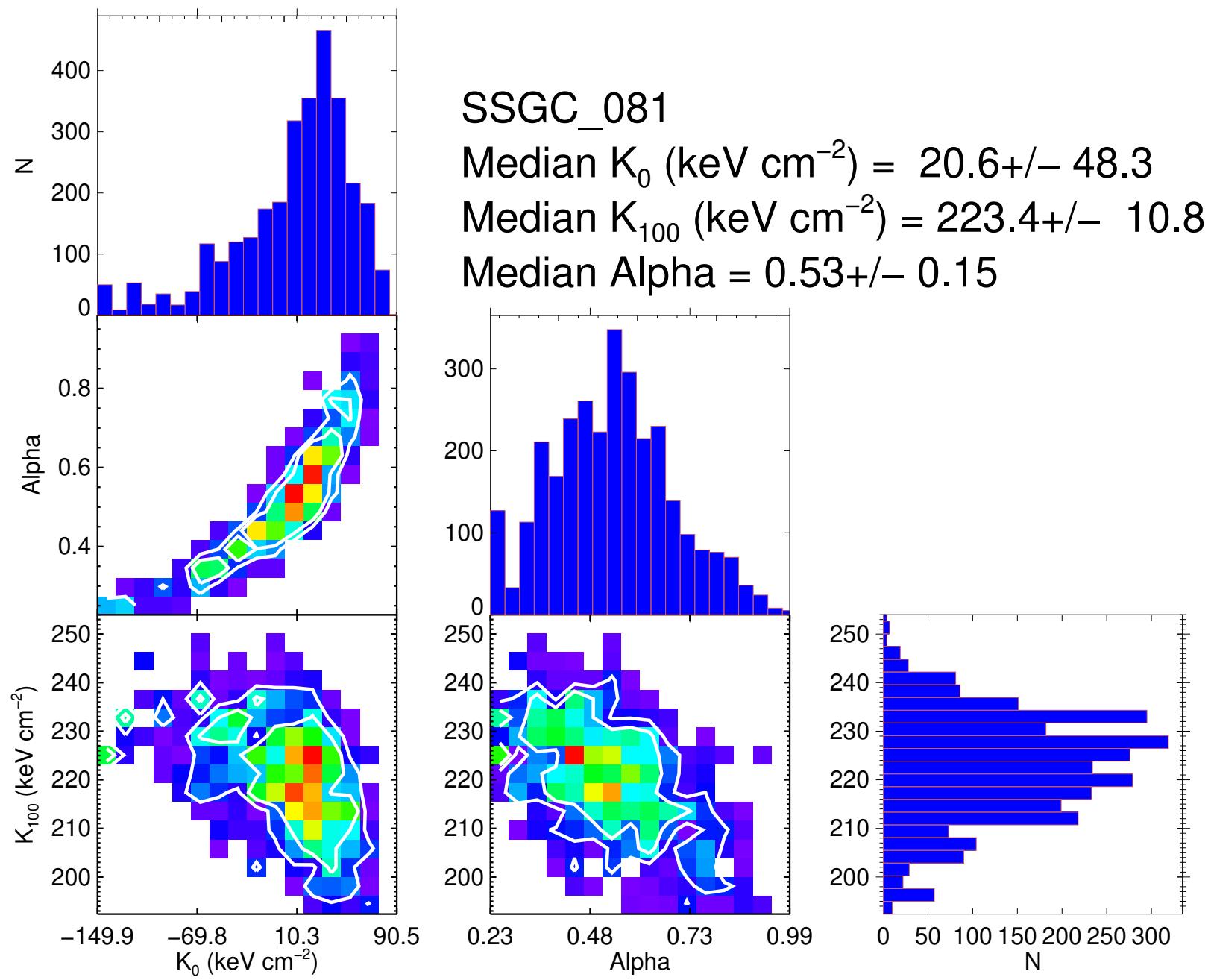


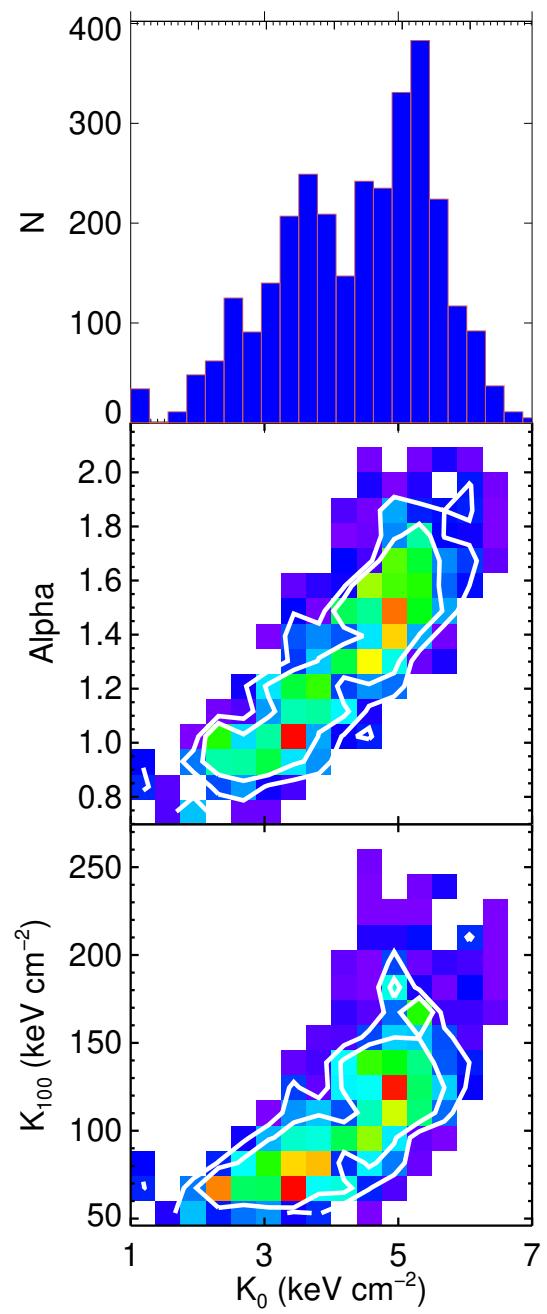




SPT-CL_J2023-5535
 Median K_0 (keV cm $^{-2}$) = -222.4 ± 67.2
 Median K_{100} (keV cm $^{-2}$) = 155.4 ± 19.5
 Median Alpha = 0.48 ± 0.09





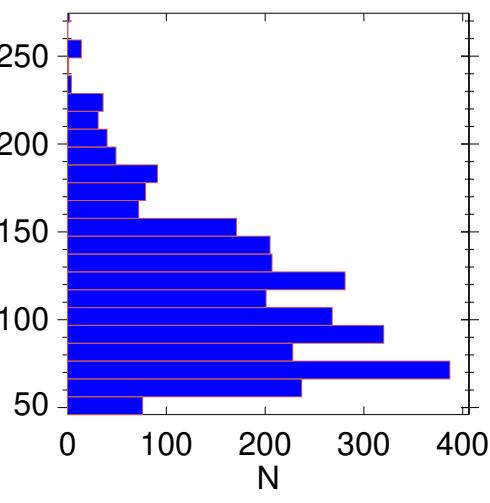
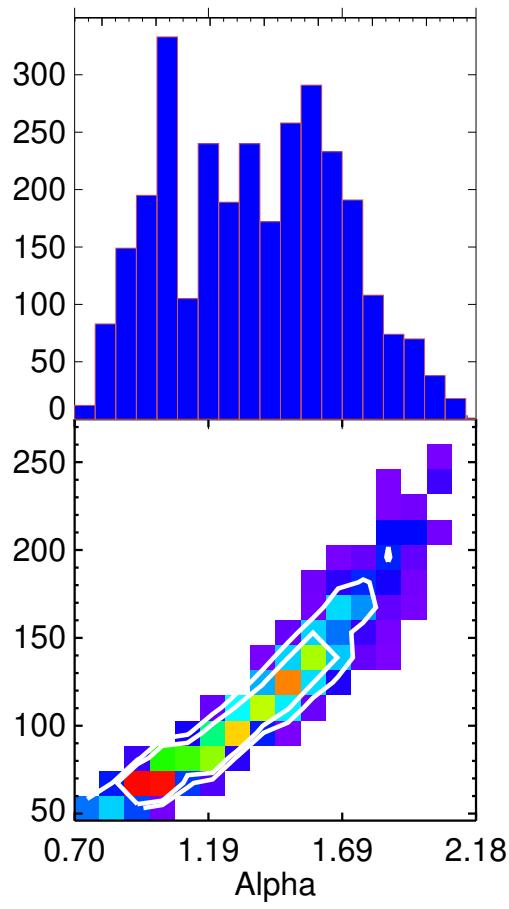


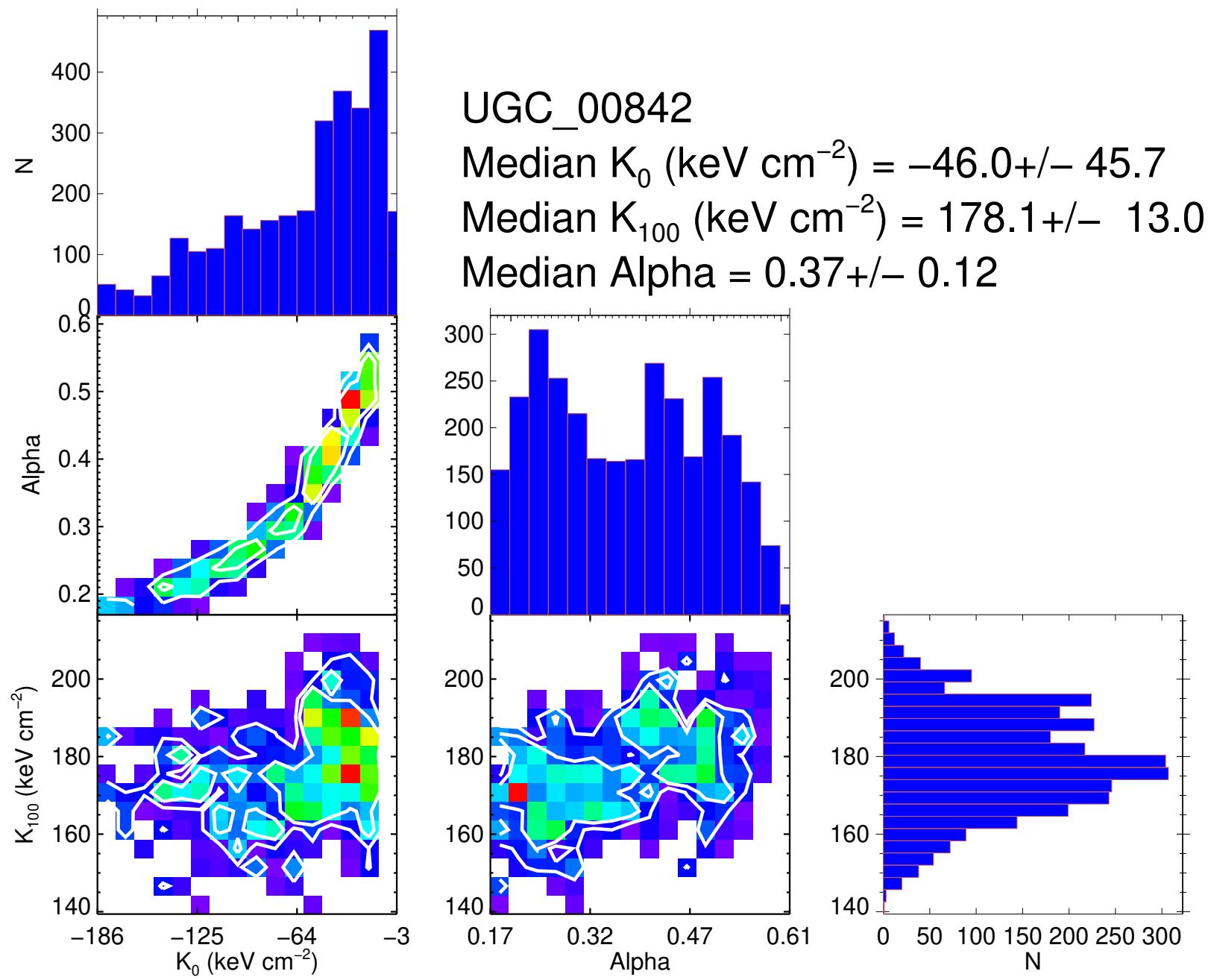
Stephans_Q quintet

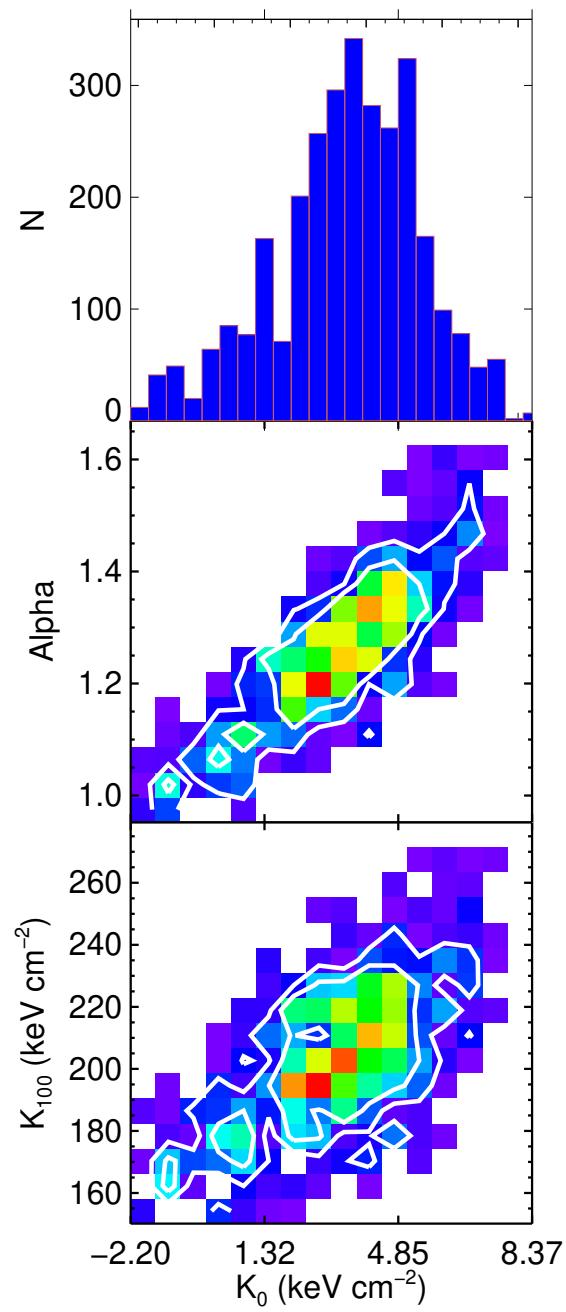
Median K_0 (keV cm $^{-2}$) = 4.5+/- 1.1

Median K_{100} (keV cm $^{-2}$) = 106.4+/- 41.8

Median Alpha = 1.36+/- 0.31





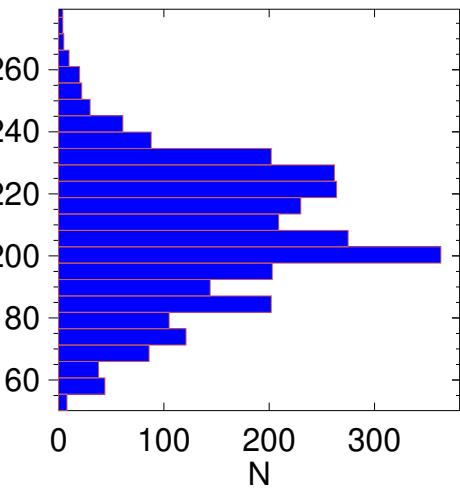
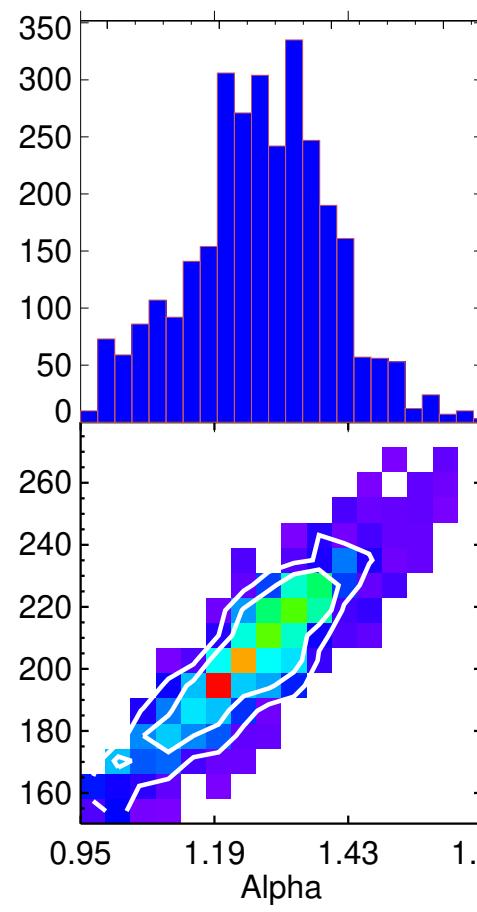


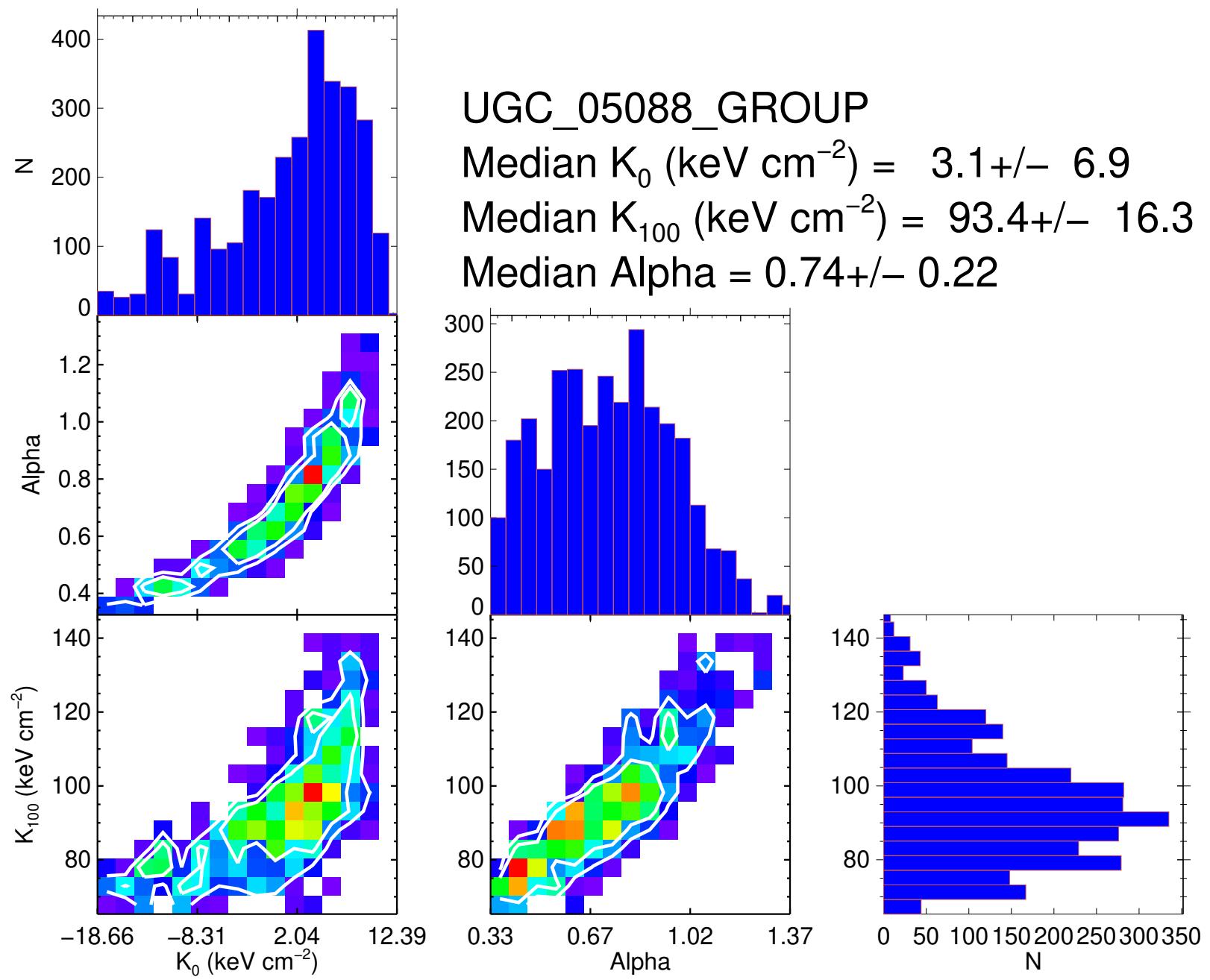
UGC_02748

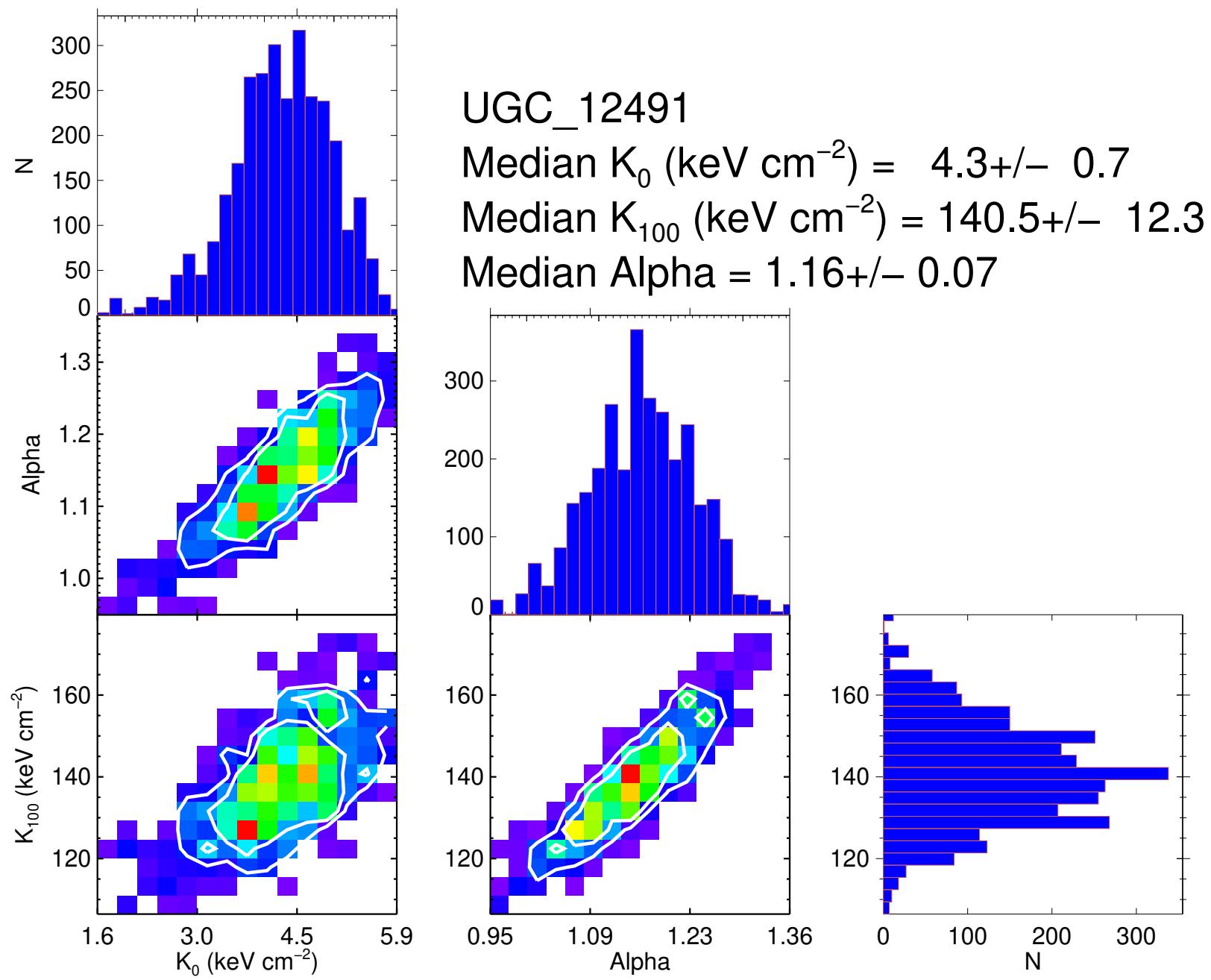
Median K_0 (keV cm $^{-2}$) = $3.7+/- 1.9$

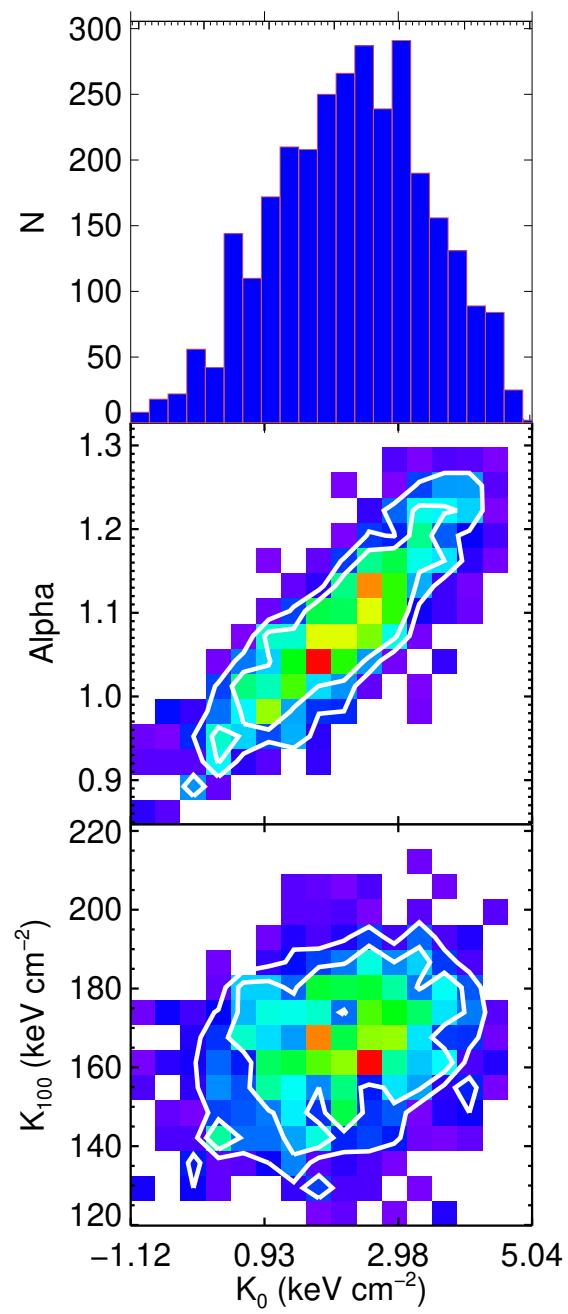
Median K_{100} (keV cm $^{-2}$) = $206.3+/- 21.8$

Median Alpha = $1.28+/- 0.13$







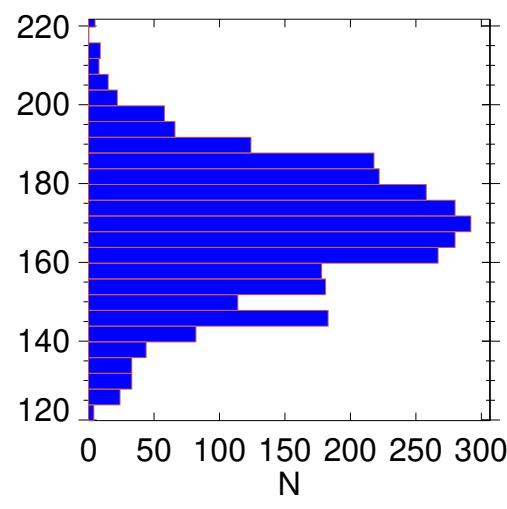
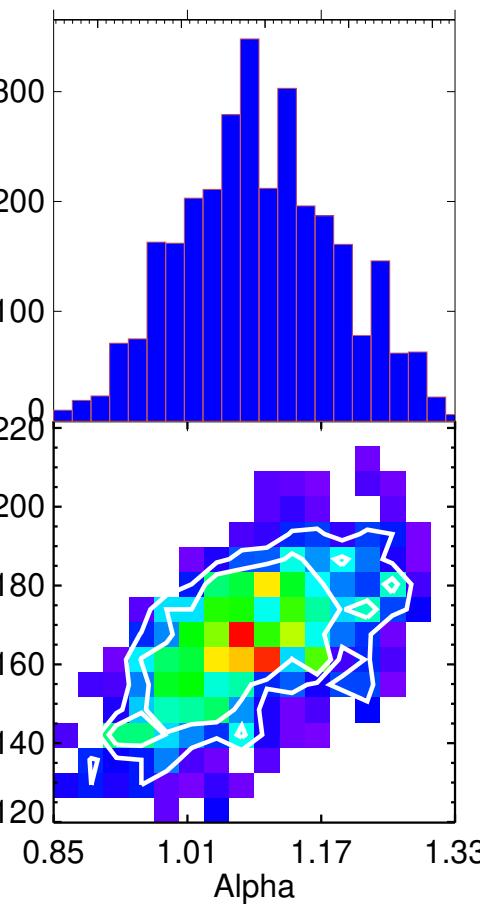


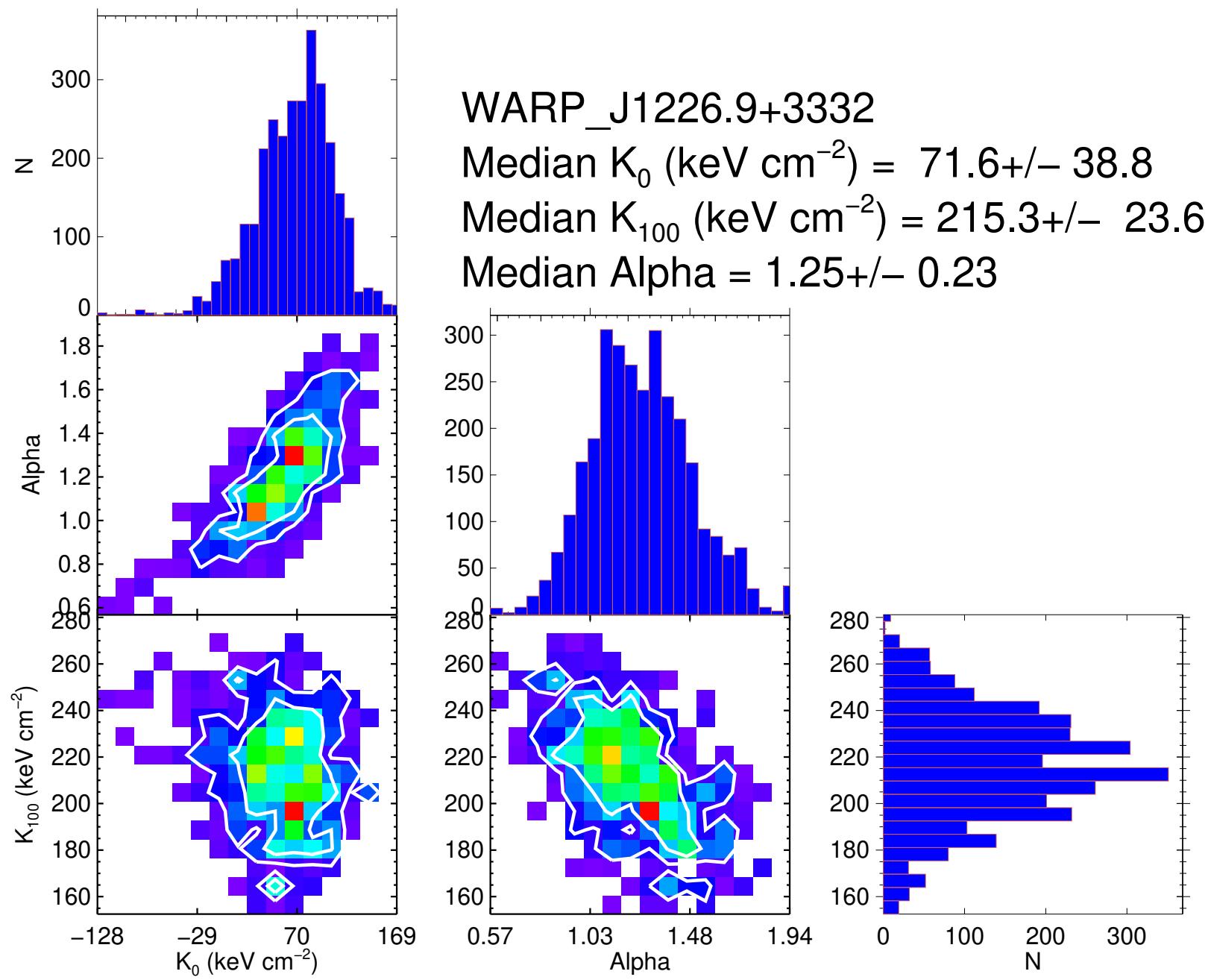
UGCI_120

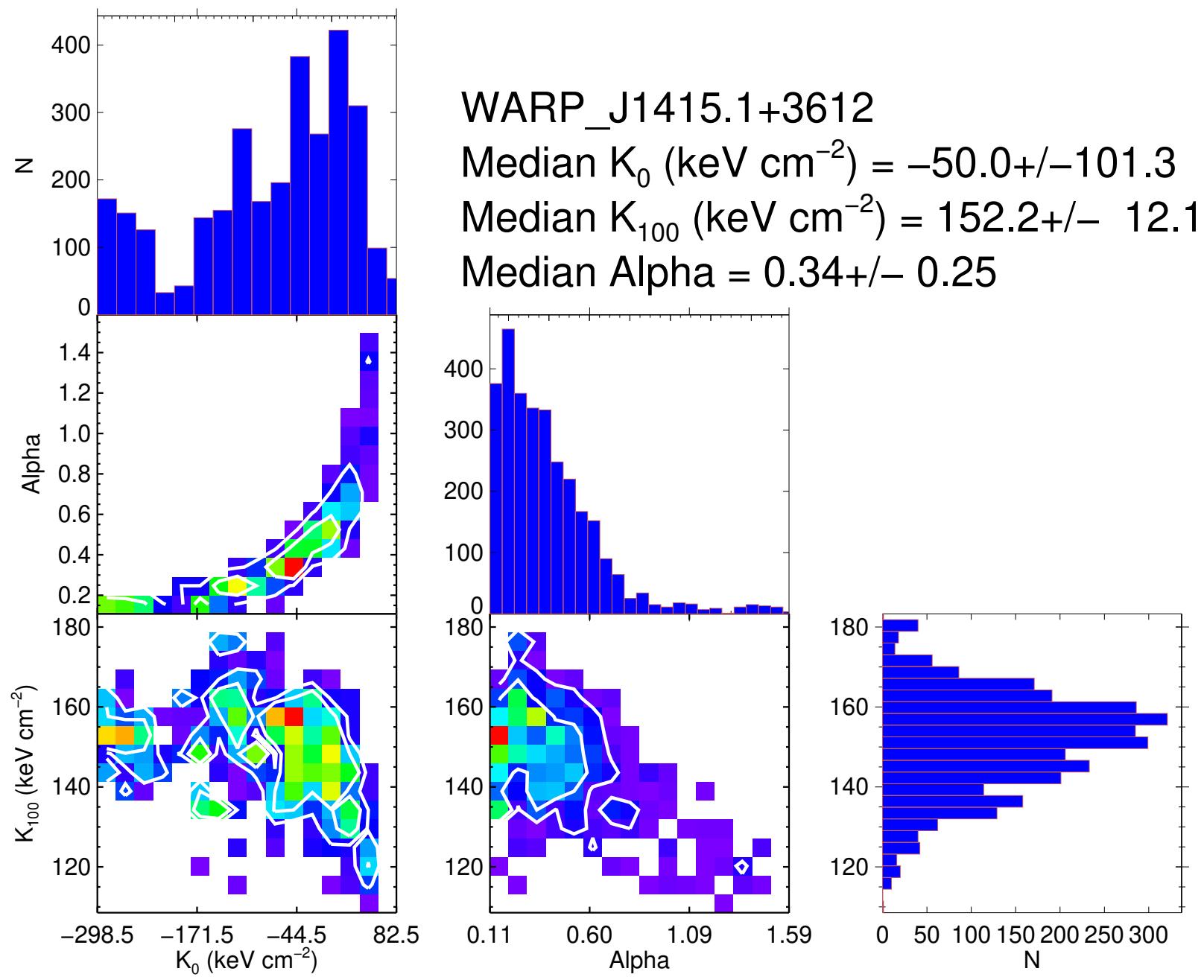
Median K_0 (keV cm $^{-2}$) = 2.3+/- 1.2

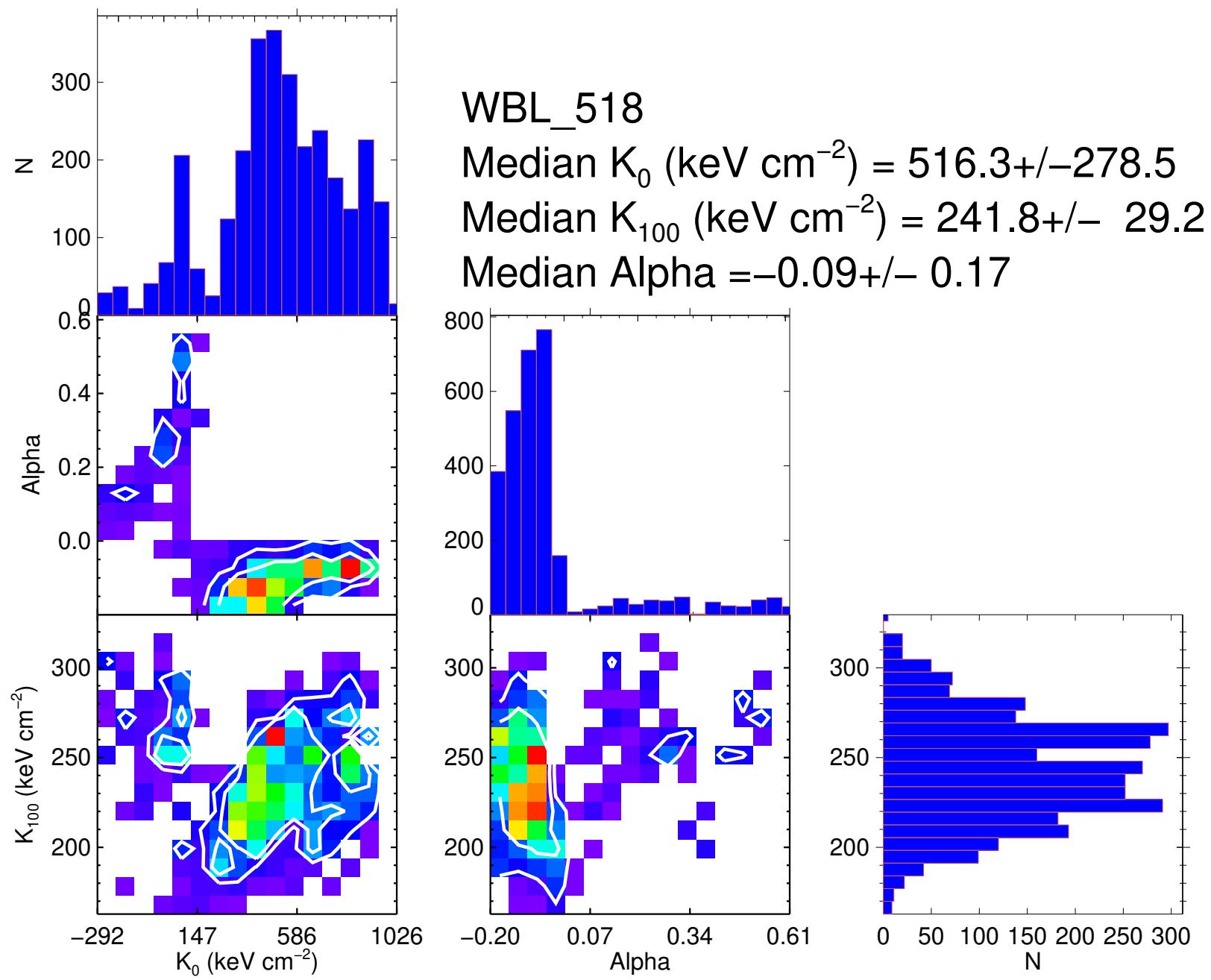
Median K_{100} (keV cm $^{-2}$) = 168.9+/- 16.5

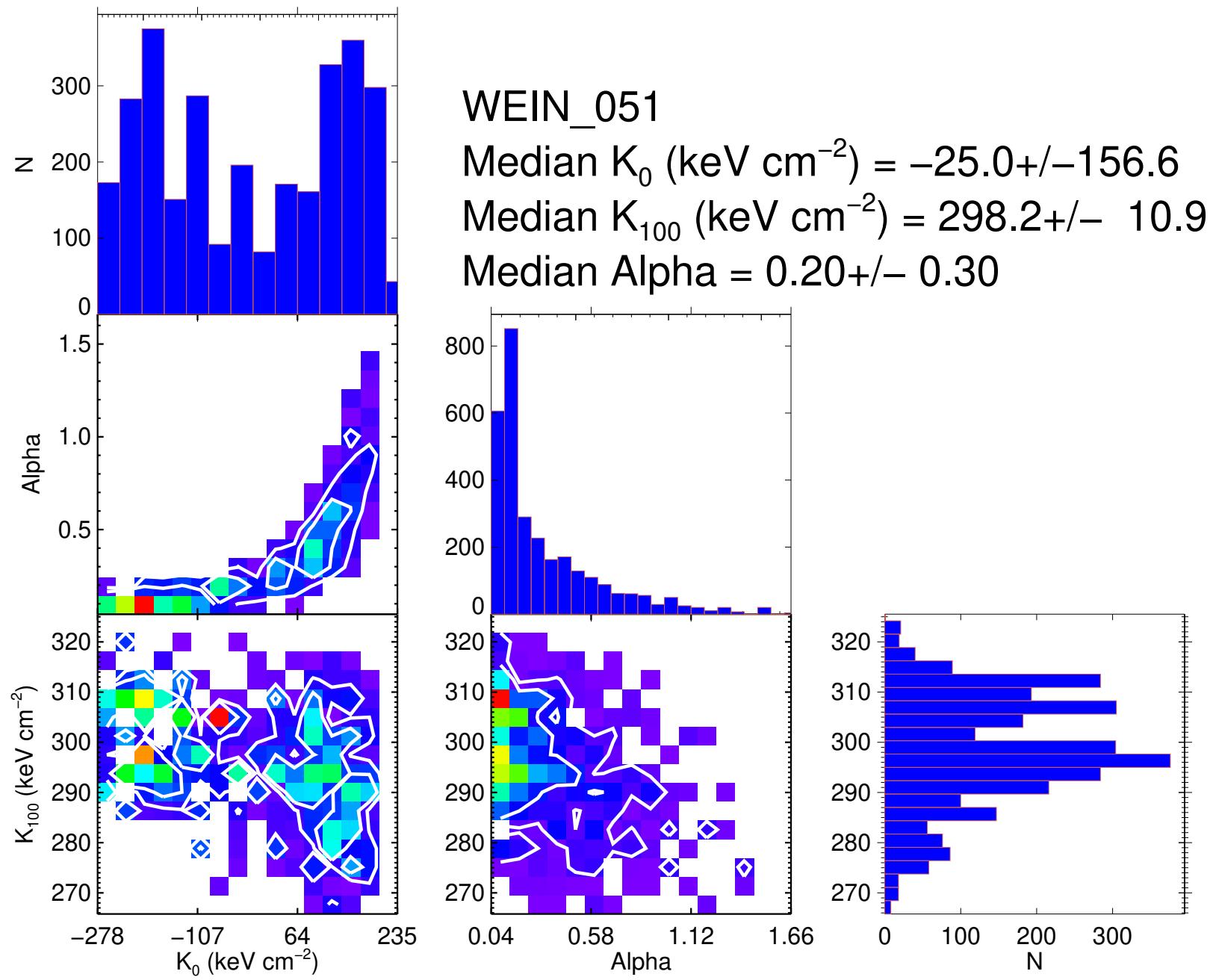
Median Alpha = 1.09+/- 0.09

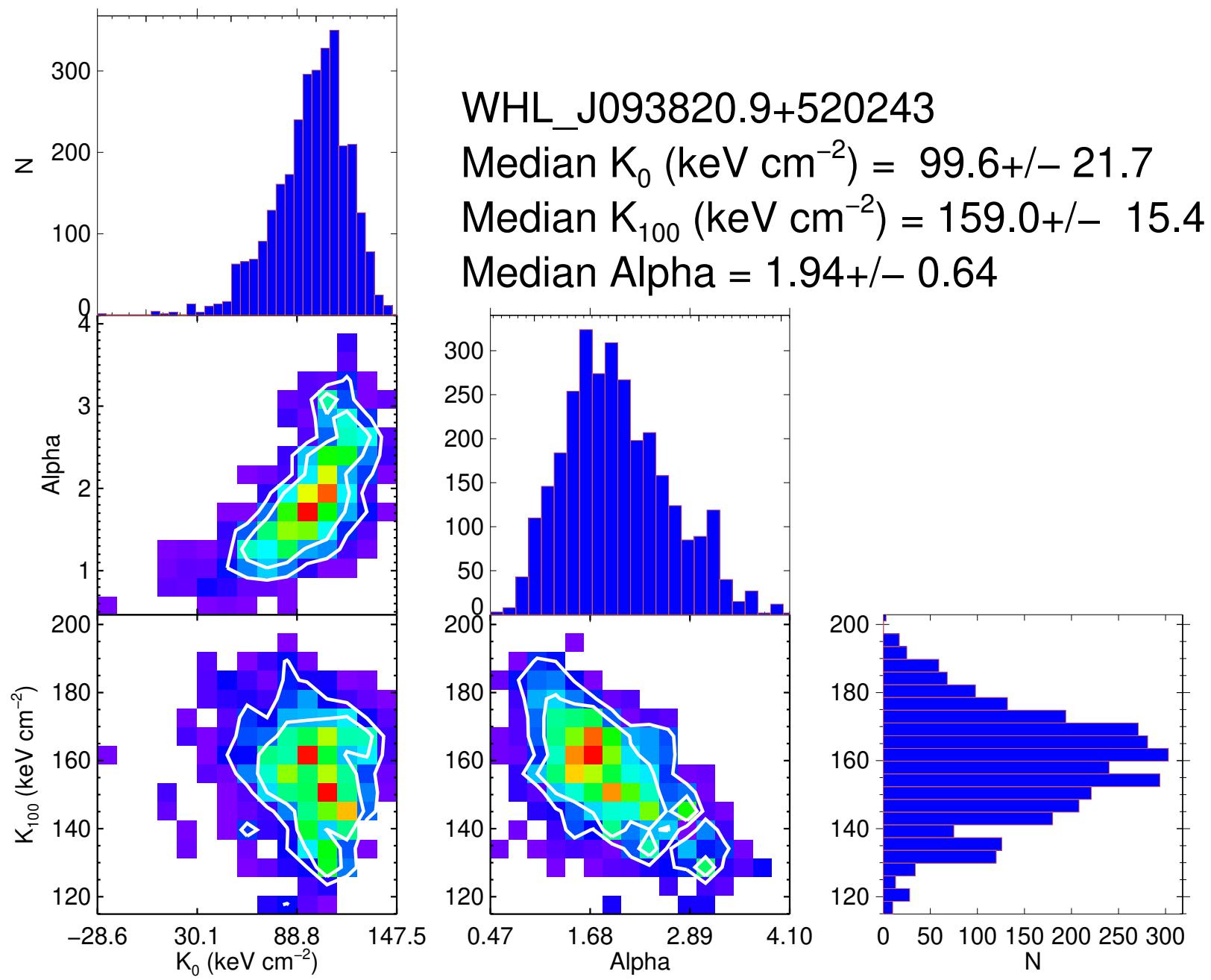


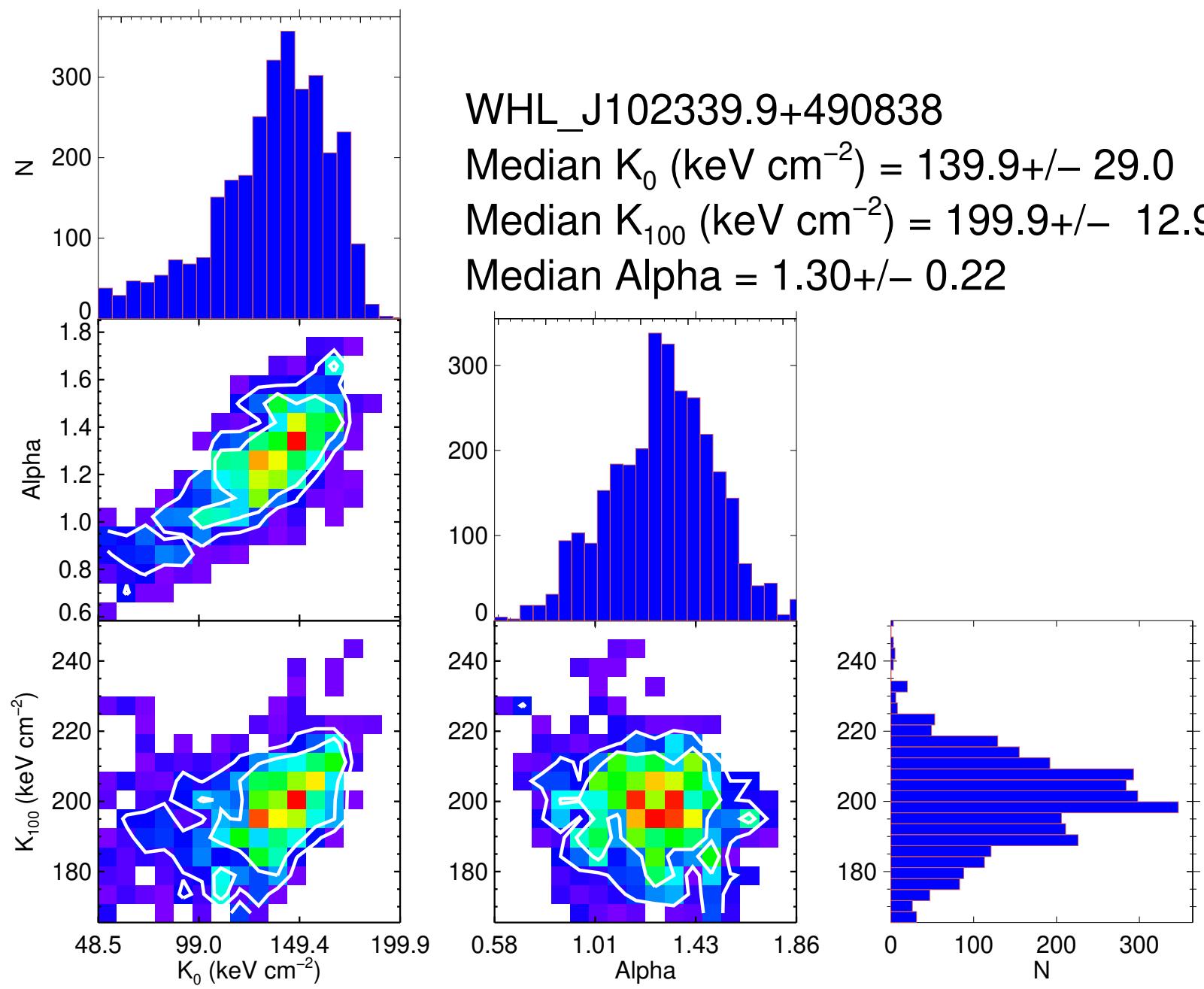


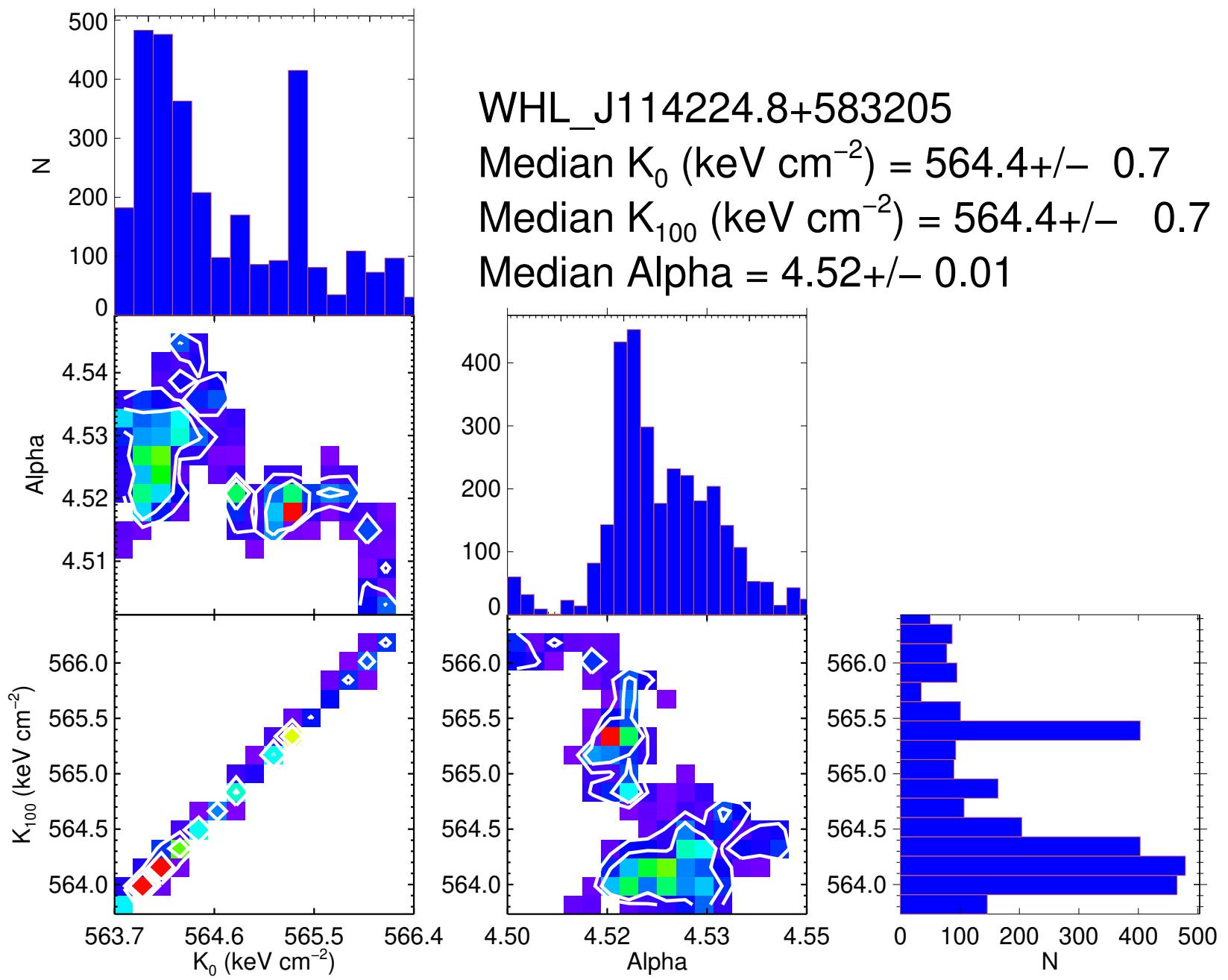


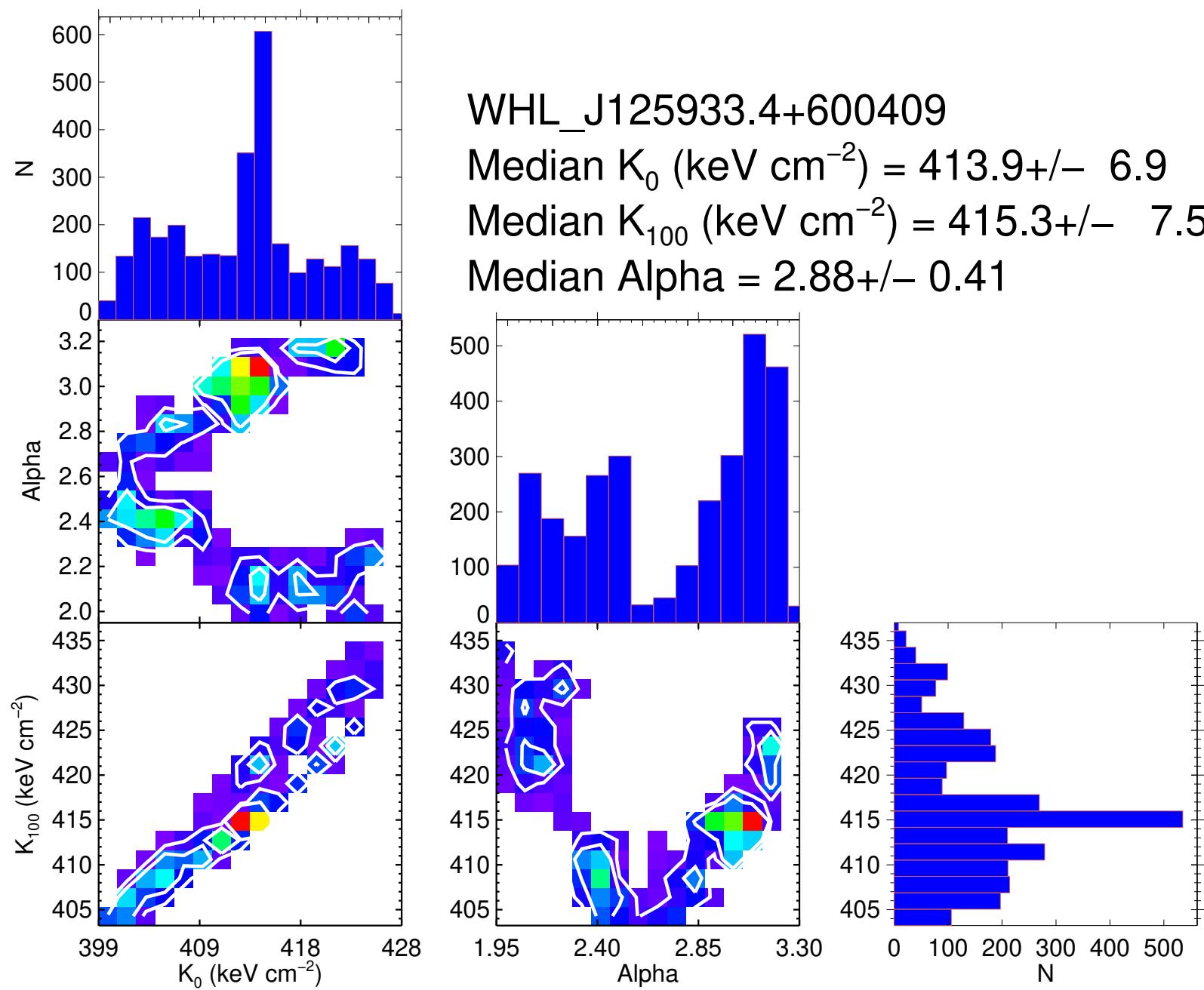


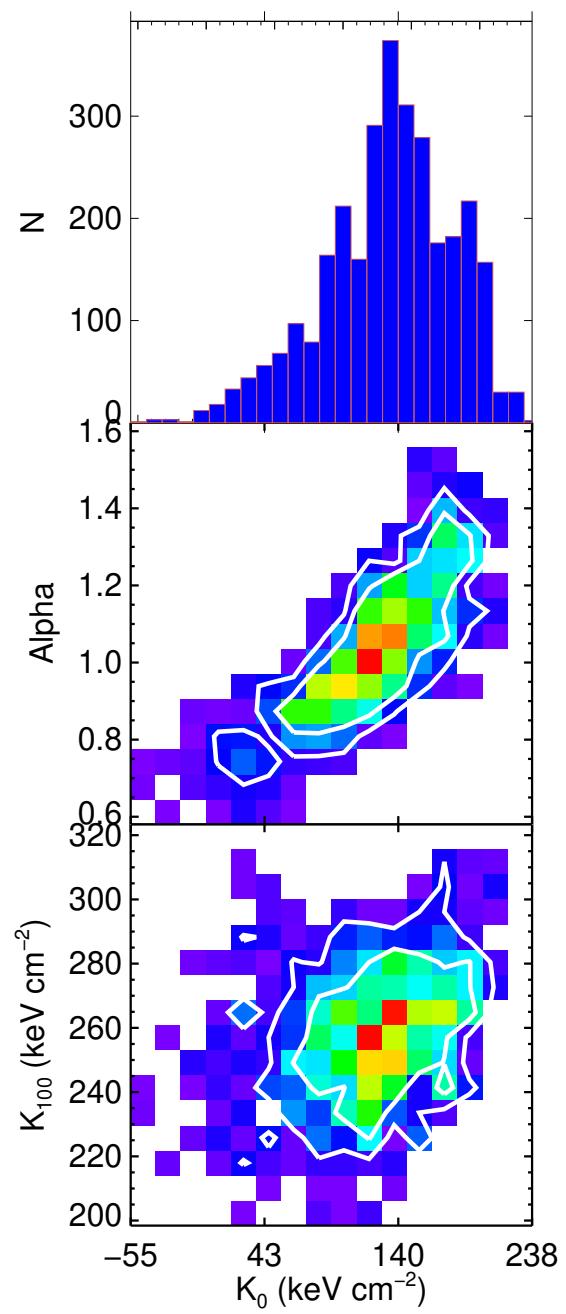




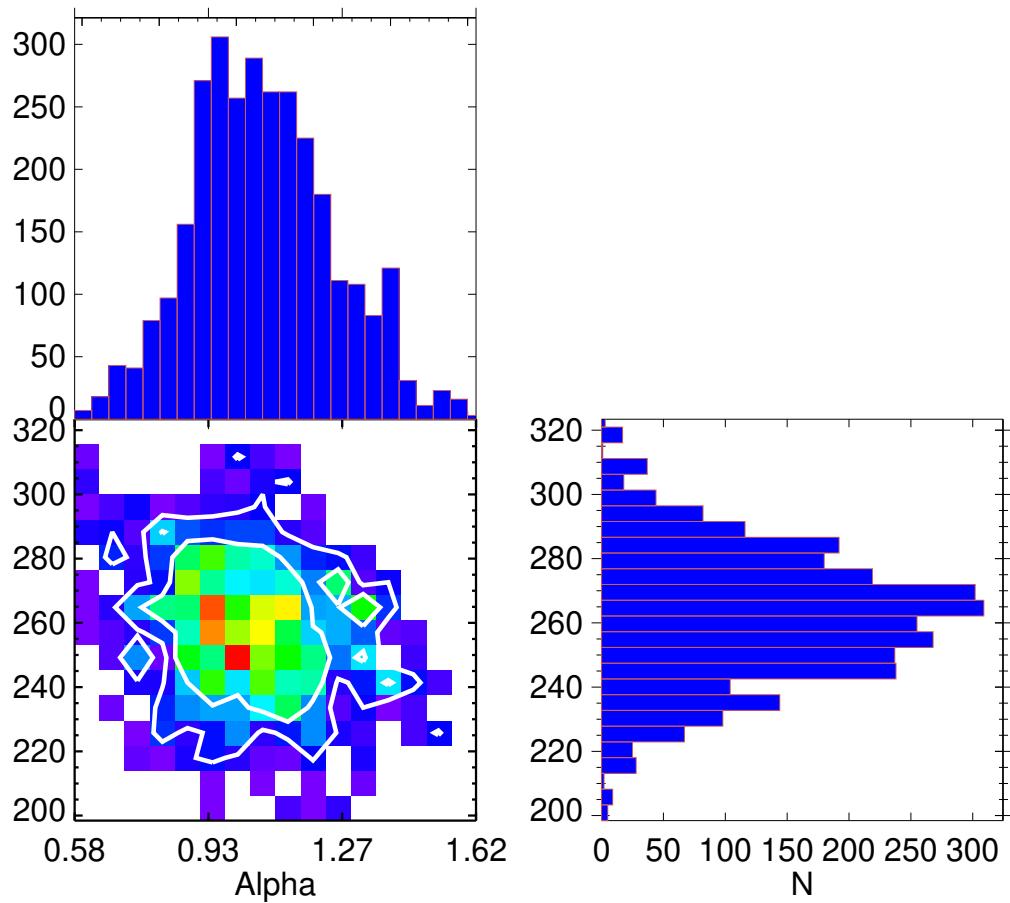


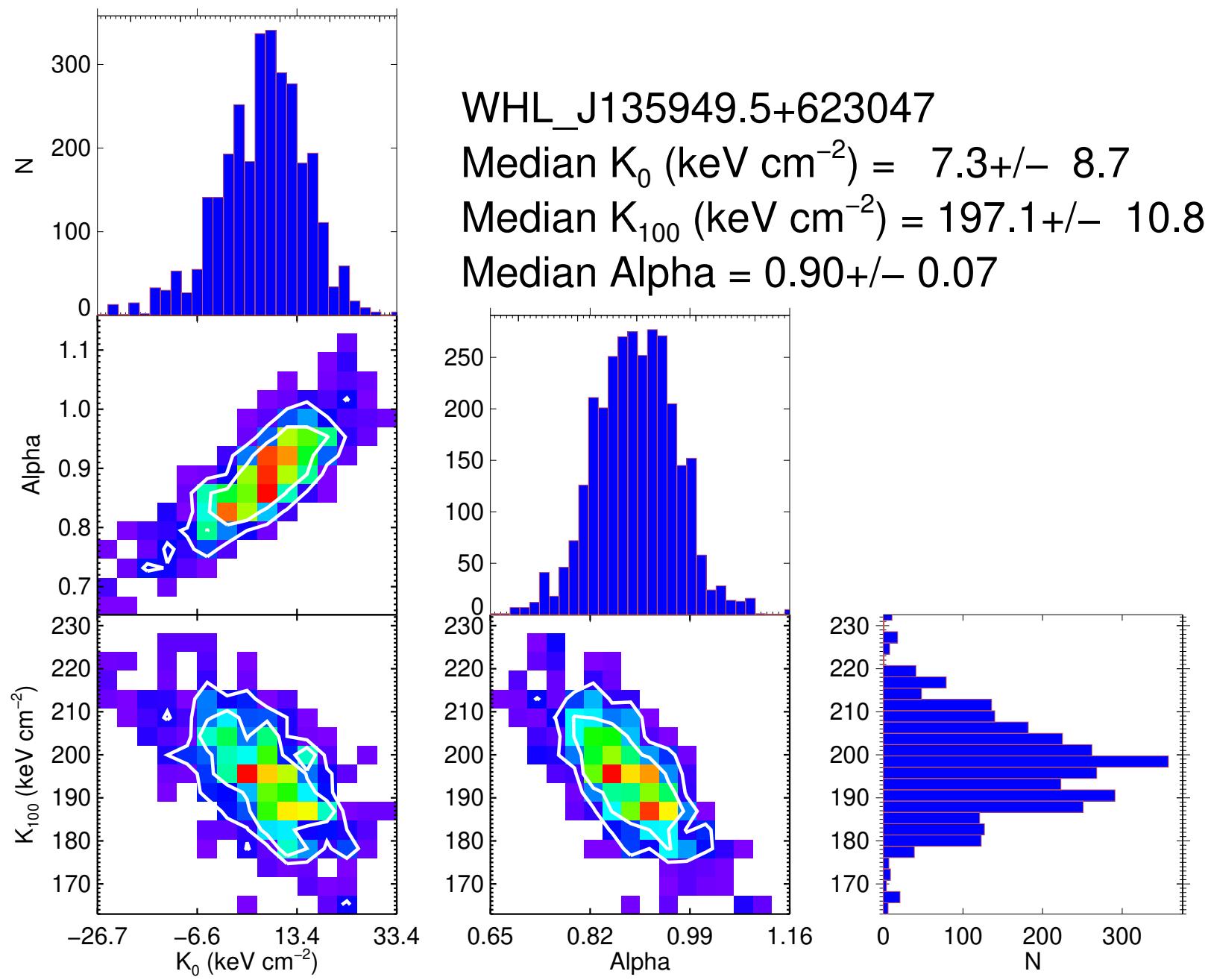


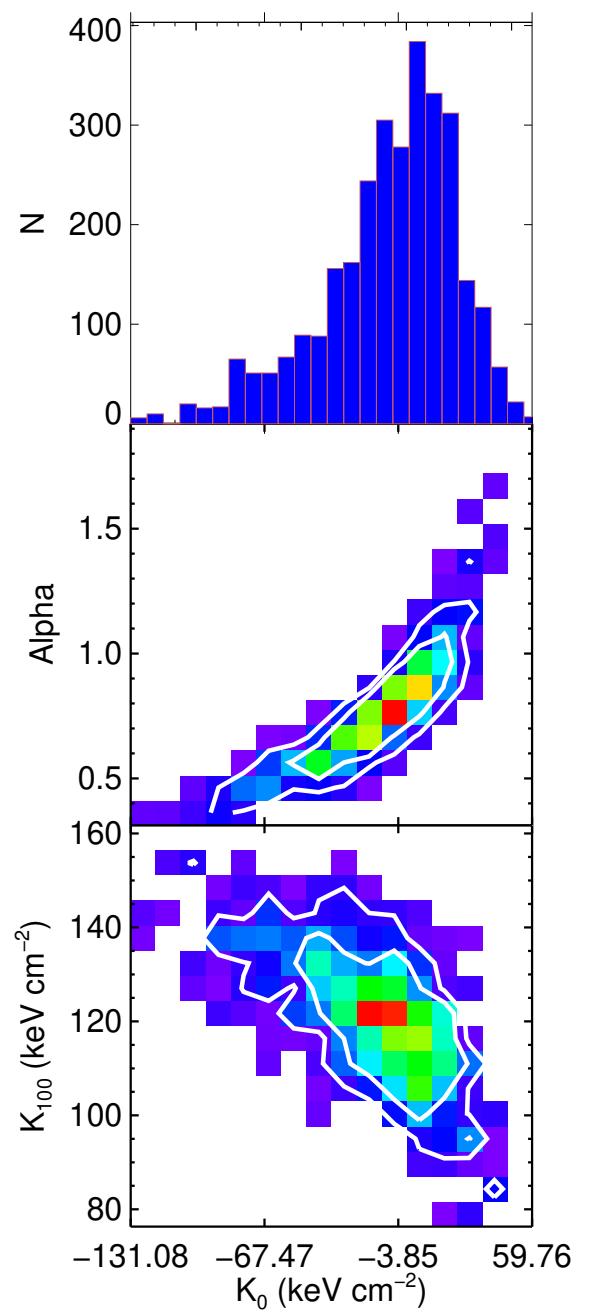




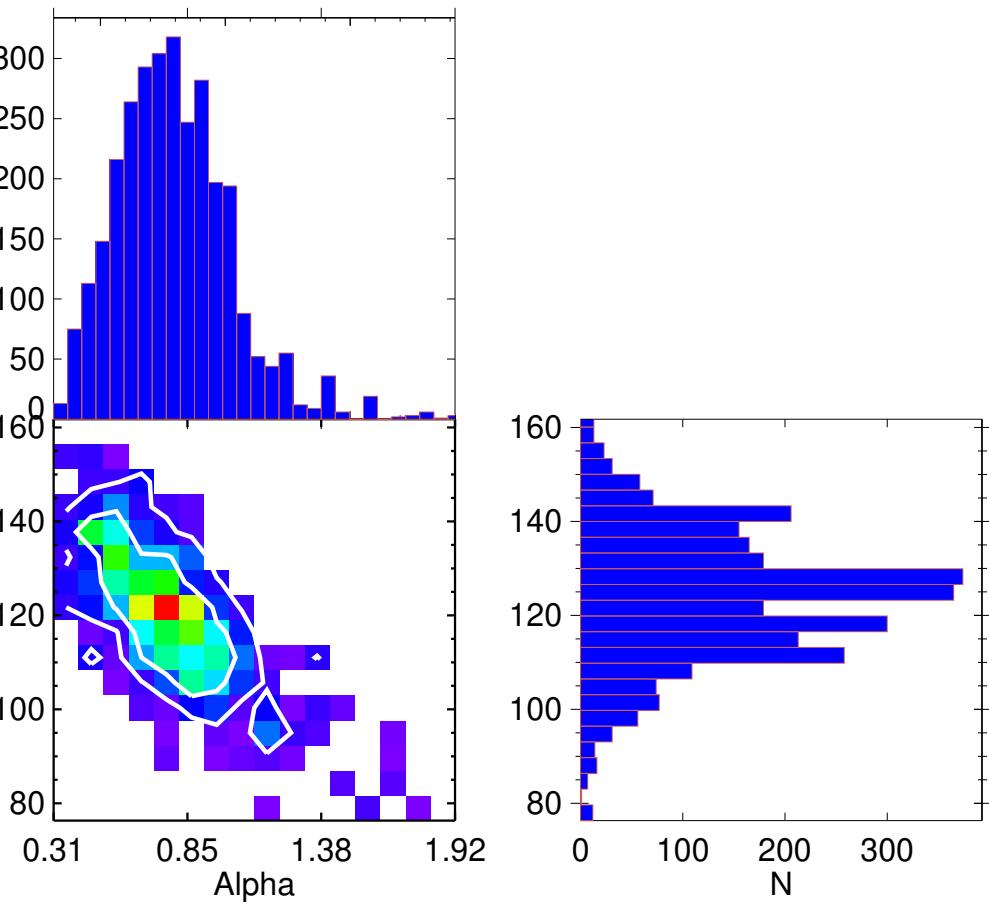
WHL_J131505.2+514902
 Median K_0 (keV cm $^{-2}$) = 137.1 ± 47.4
 Median K_{100} (keV cm $^{-2}$) = 262.6 ± 20.2
 Median Alpha = 1.06 ± 0.18

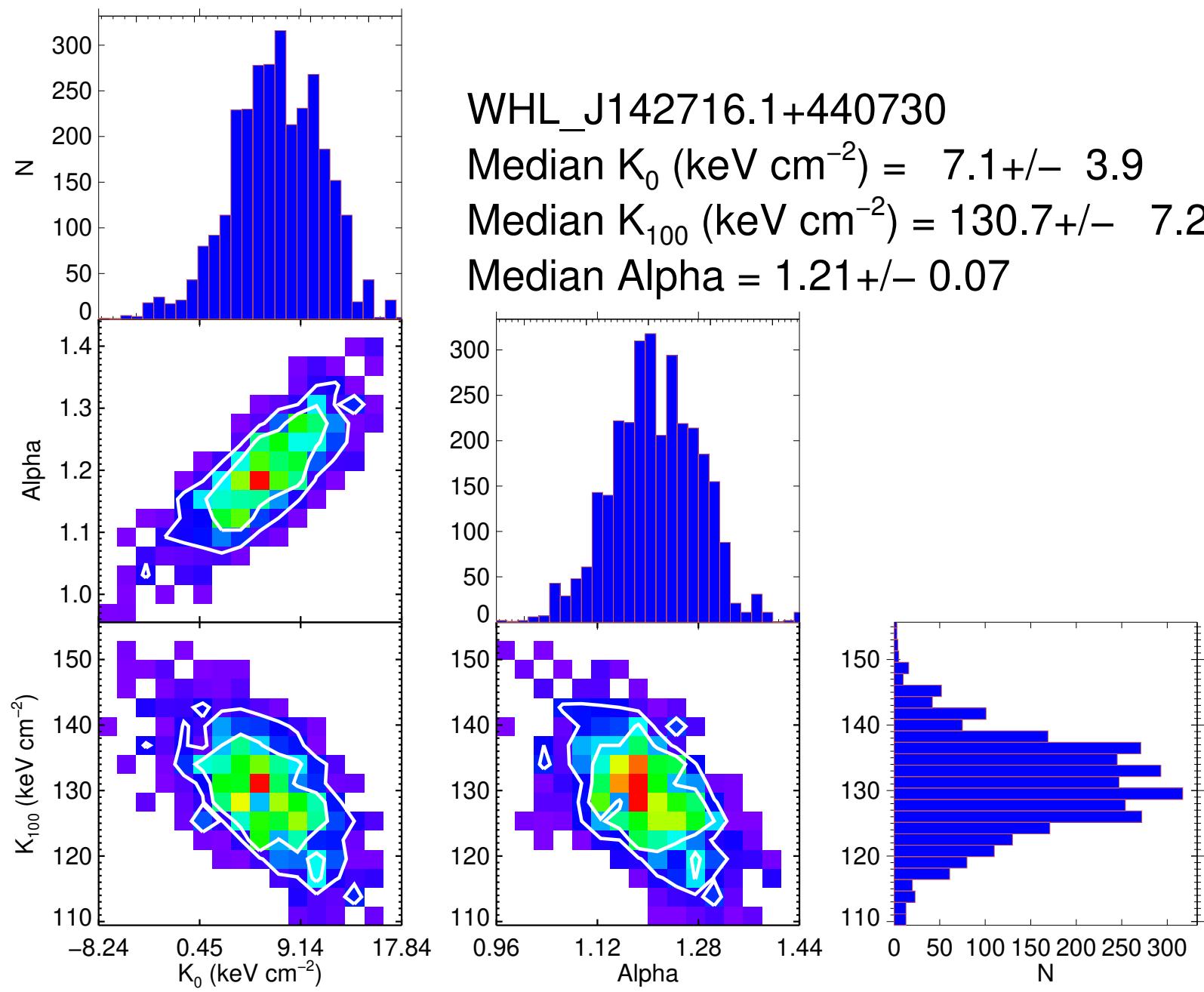


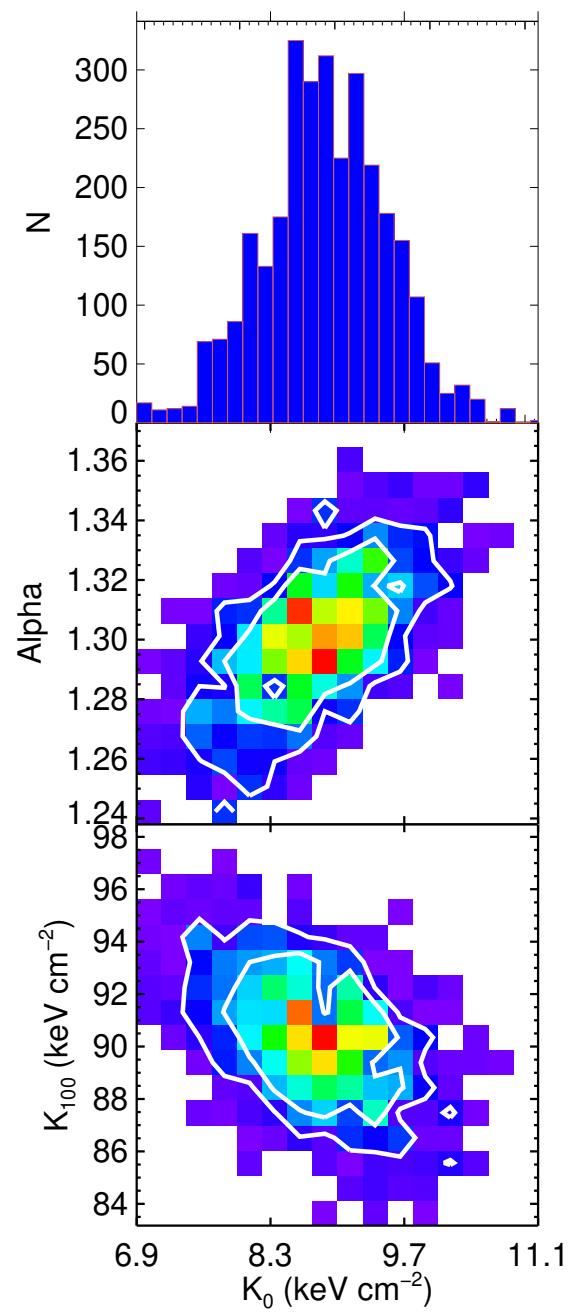




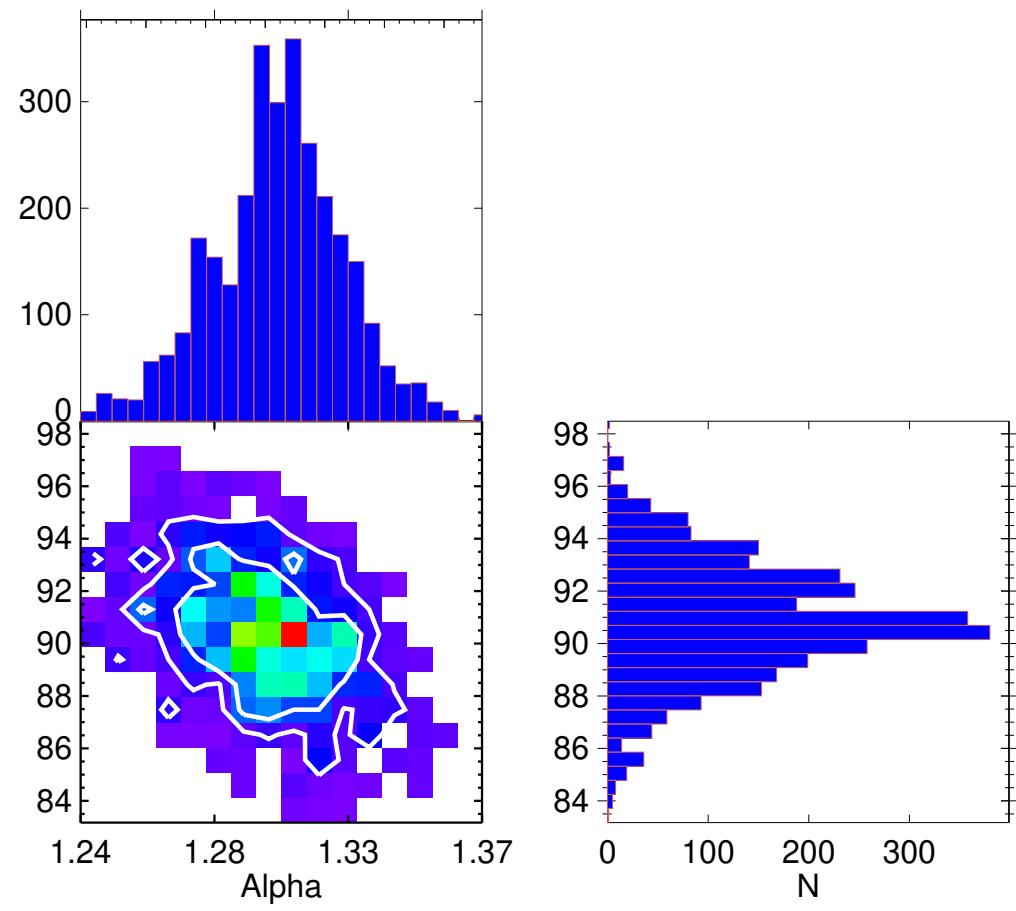
WHL_J141623.8+444528
 Median K_0 (keV cm $^{-2}$) = -1.3 ± 32.1
 Median K_{100} (keV cm $^{-2}$) = 124.6 ± 13.8
 Median Alpha = 0.77 ± 0.23

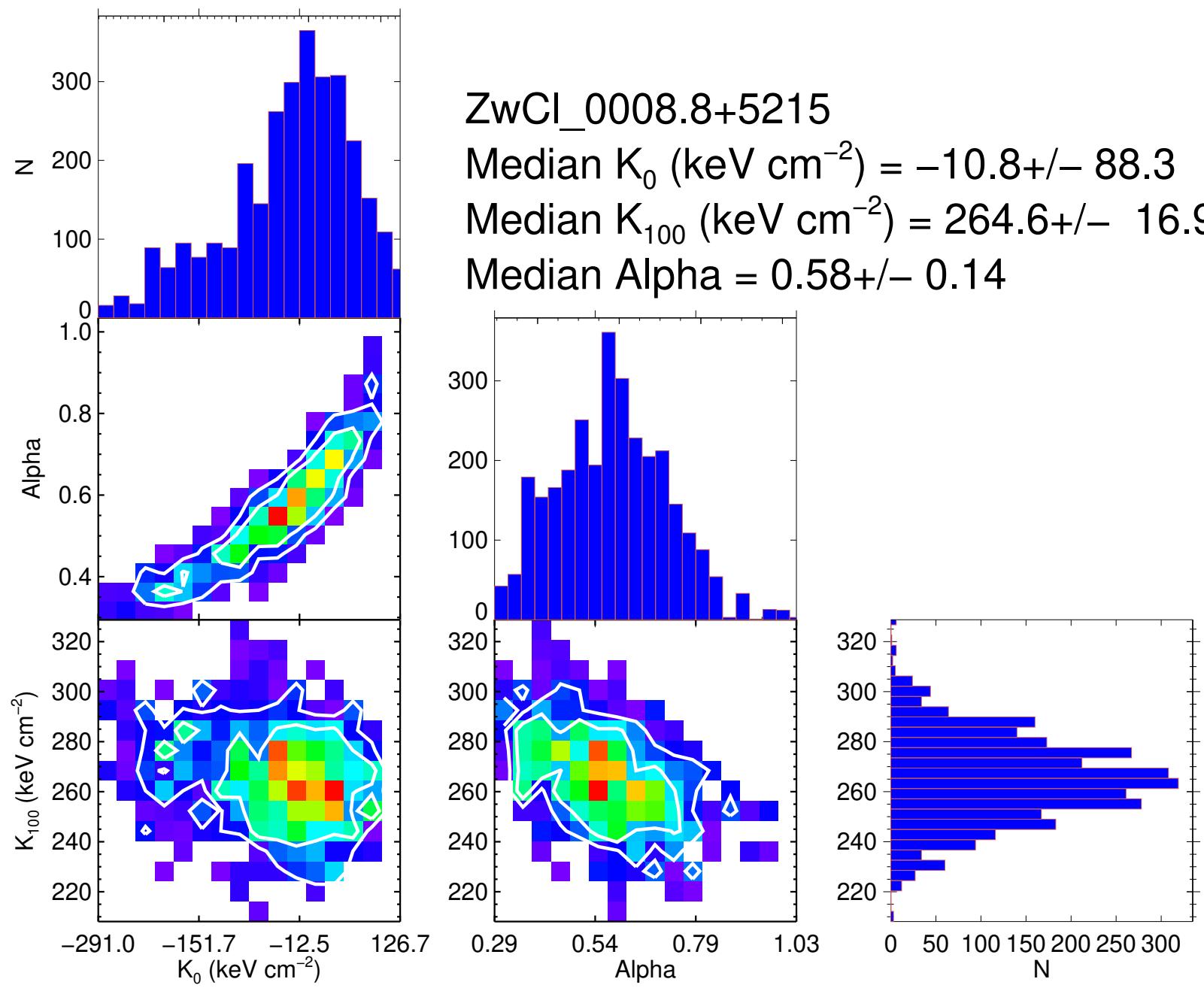


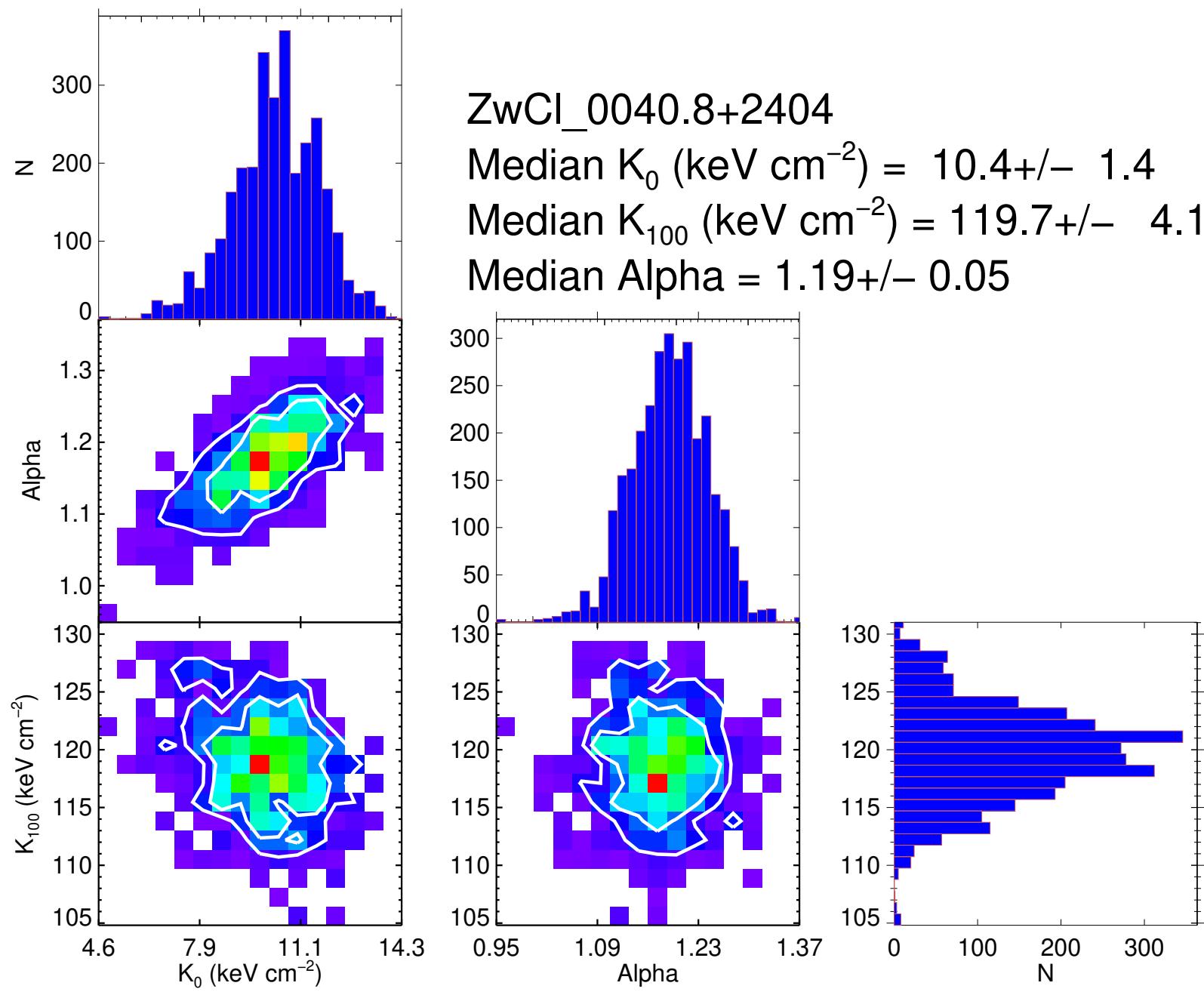


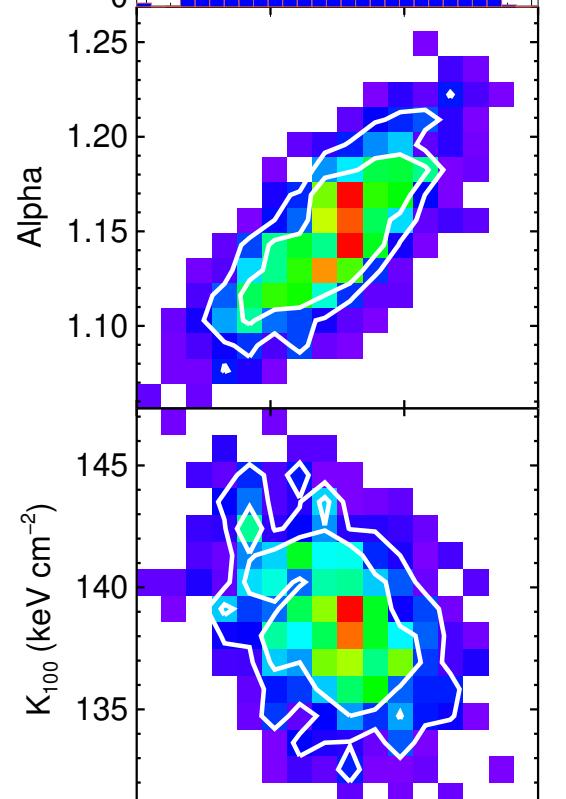
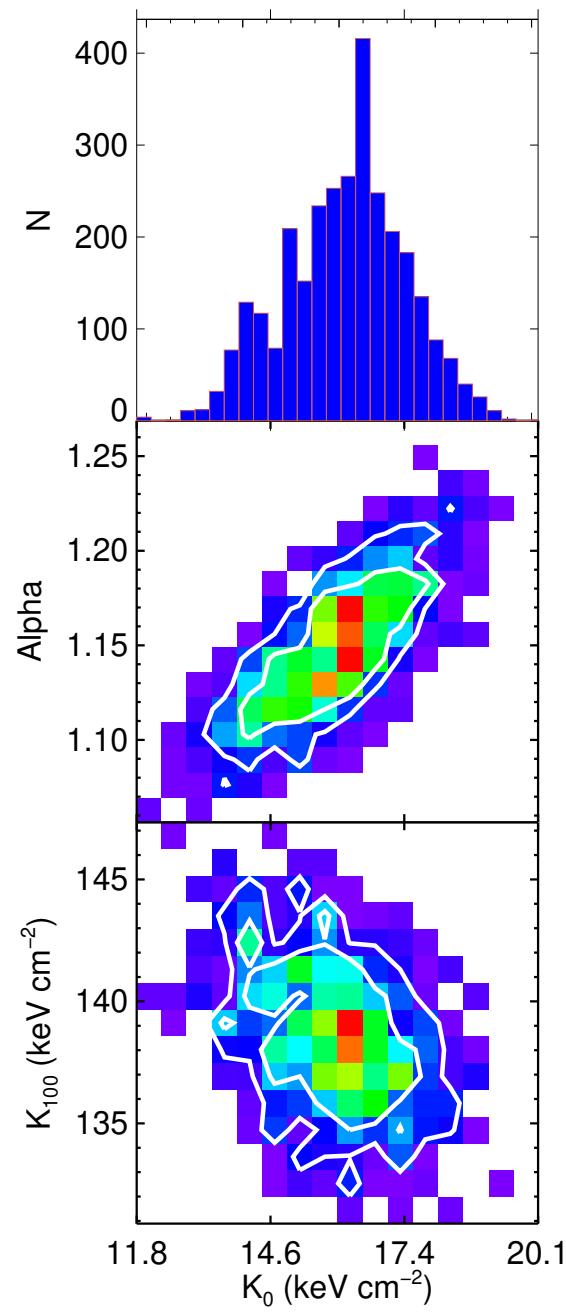


WHL_J150407.5–024816
 Median K_0 (keV cm $^{-2}$) = $8.9+/- 0.7$
 Median K_{100} (keV cm $^{-2}$) = $90.8+/- 2.2$
 Median Alpha = $1.30+/- 0.02$







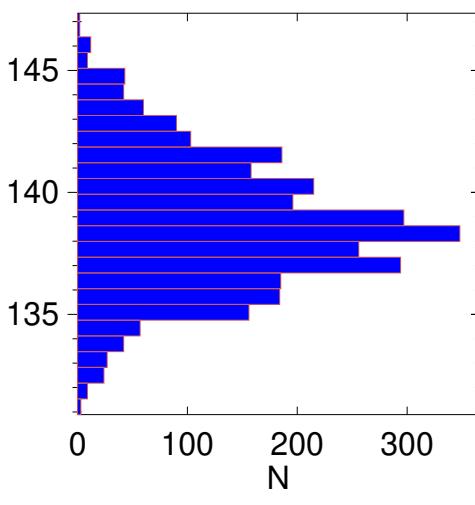
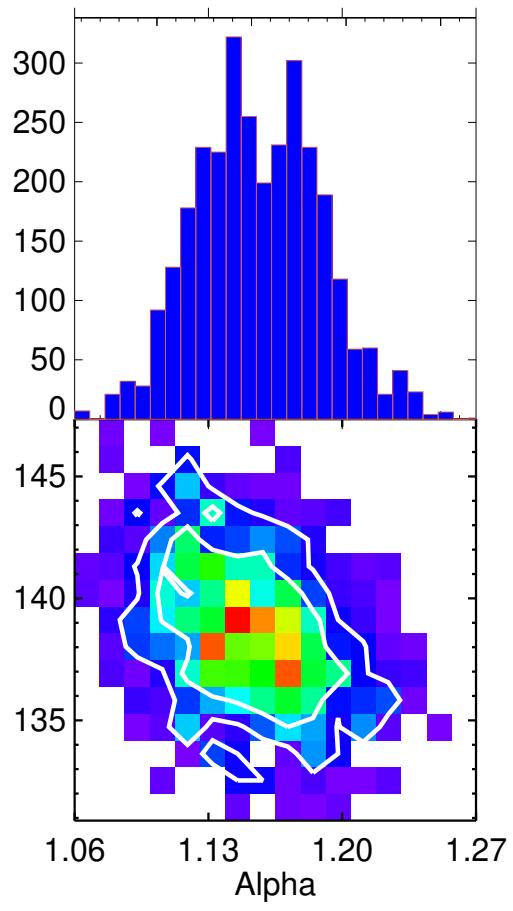


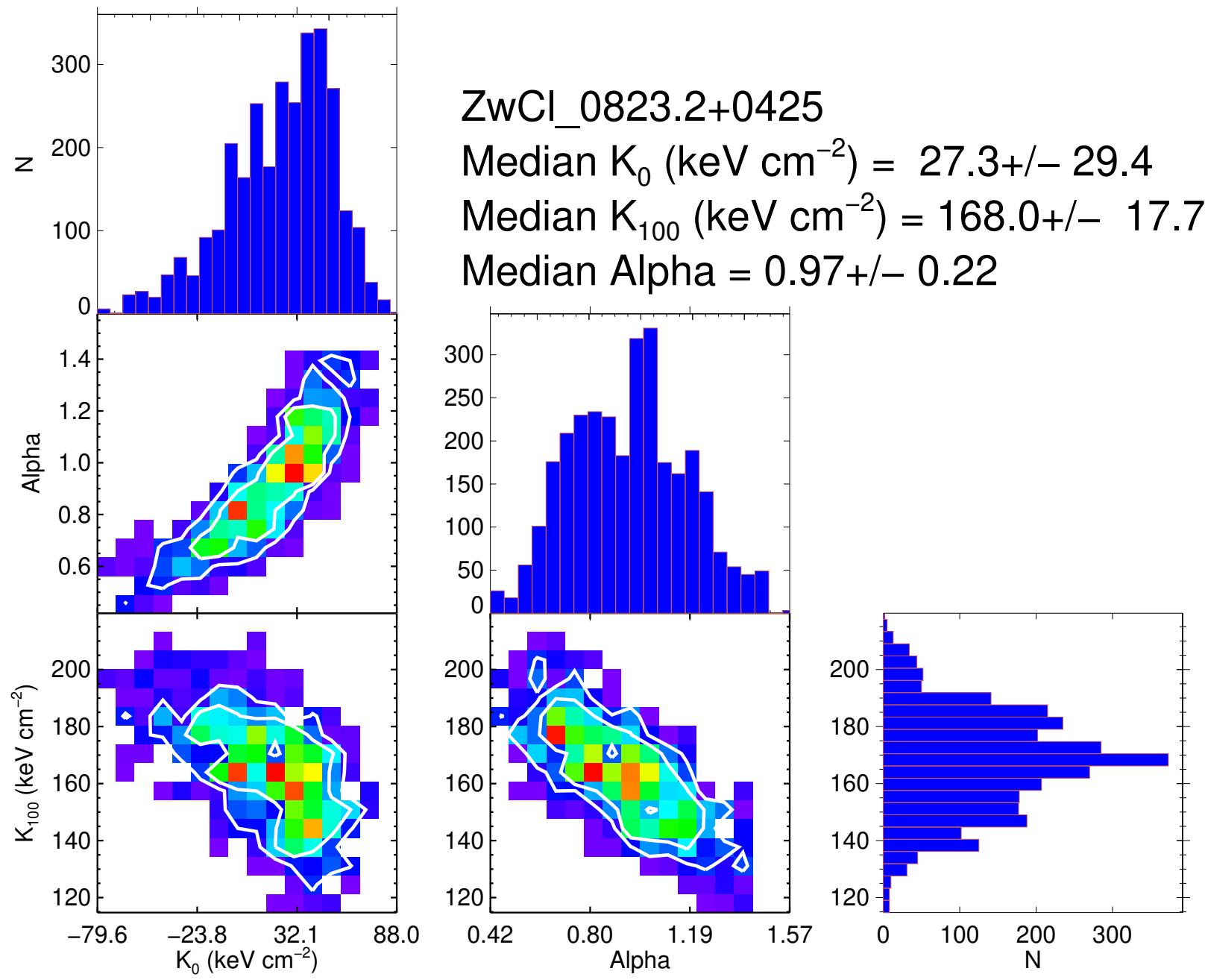
ZwCl_0735.7+7421

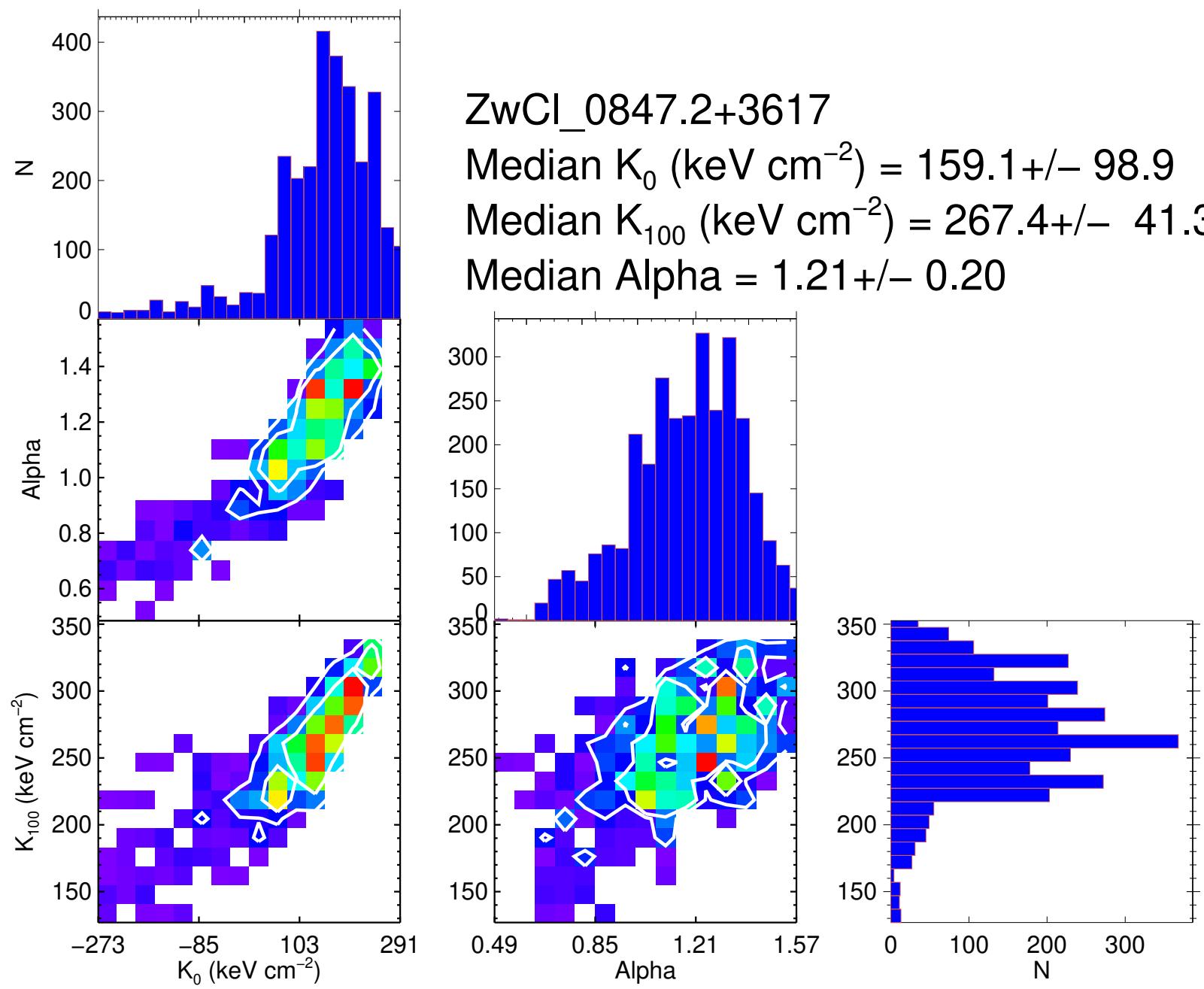
Median K_0 (keV cm $^{-2}$) = 16.2 ± 1.2

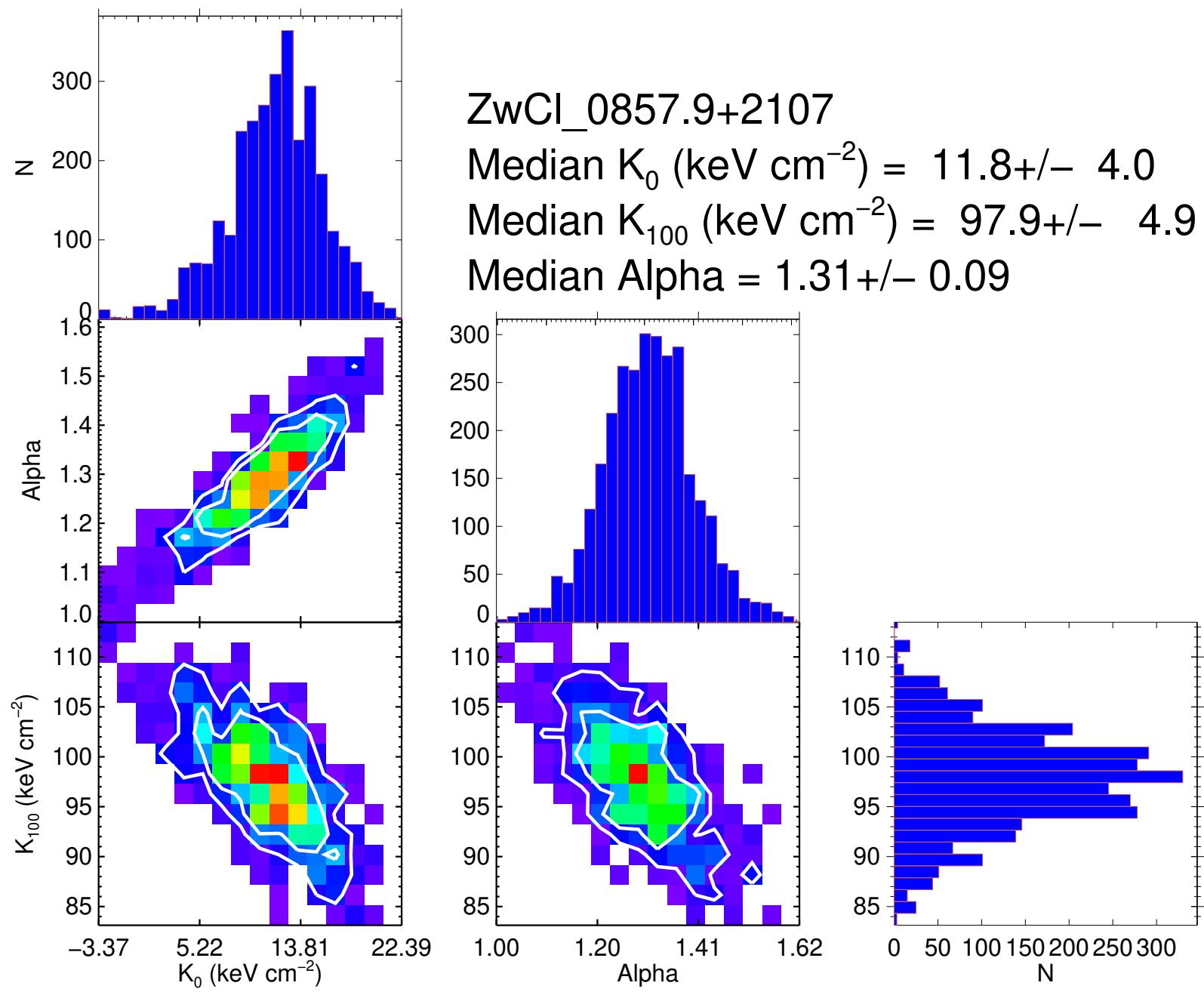
Median K_{100} (keV cm $^{-2}$) = 138.5 ± 2.7

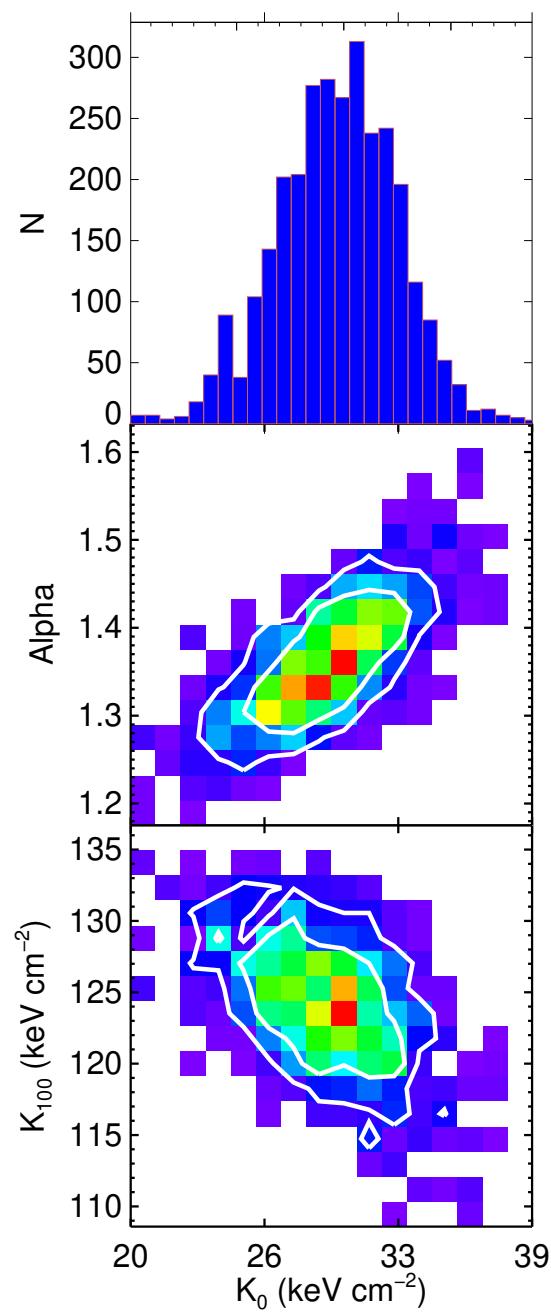
Median Alpha = 1.15 ± 0.03









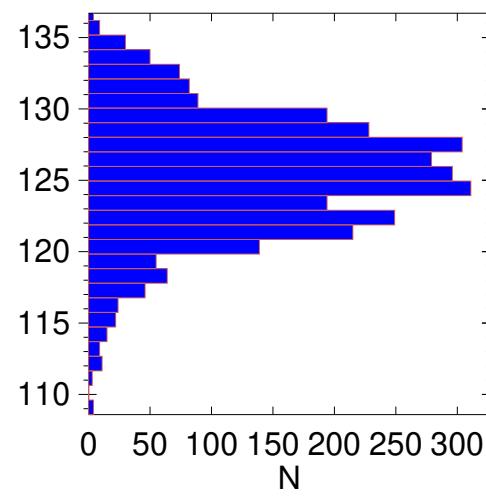
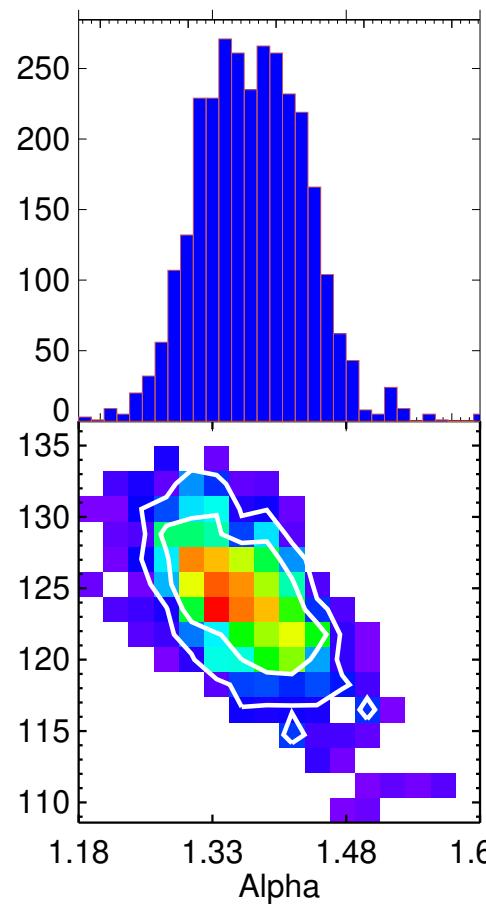


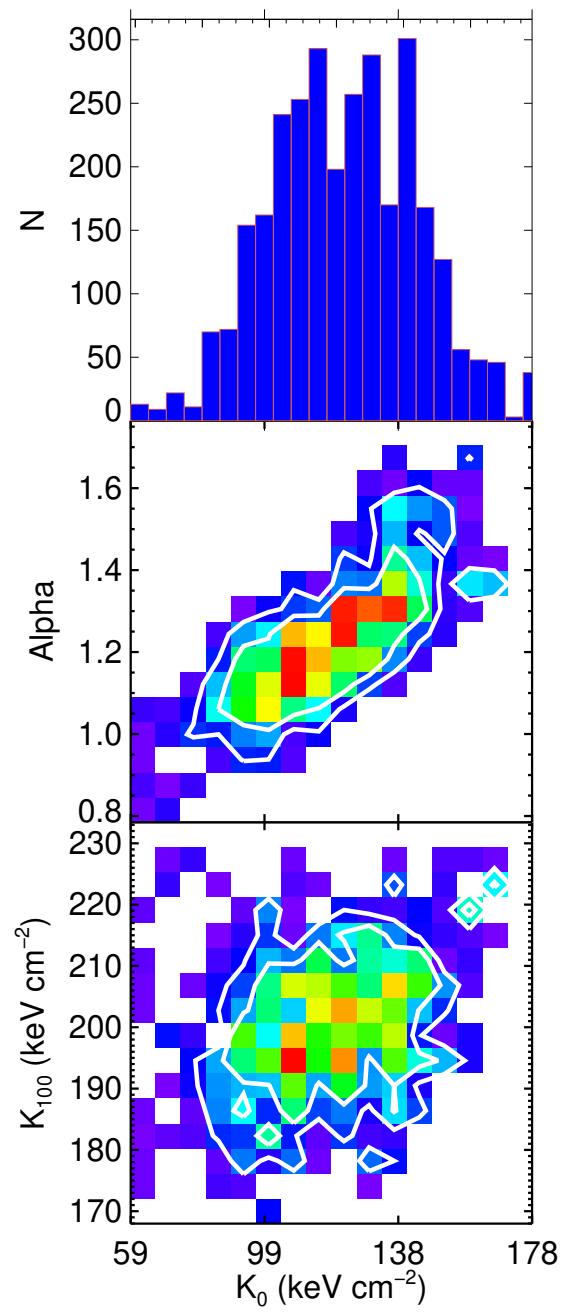
ZwCl_0949.6+5207

Median K_0 (keV cm $^{-2}$) = 29.9 ± 2.8

Median K_{100} (keV cm $^{-2}$) = 125.3 ± 4.2

Median Alpha = 1.37 ± 0.06



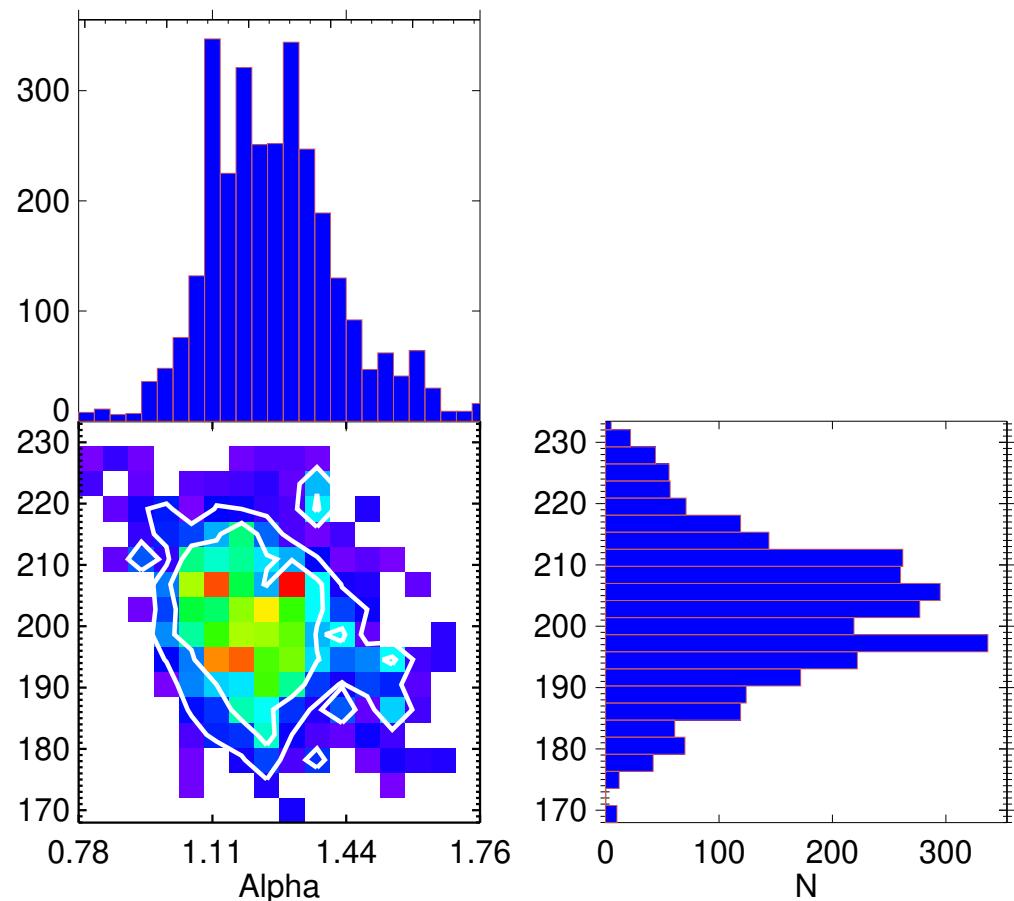


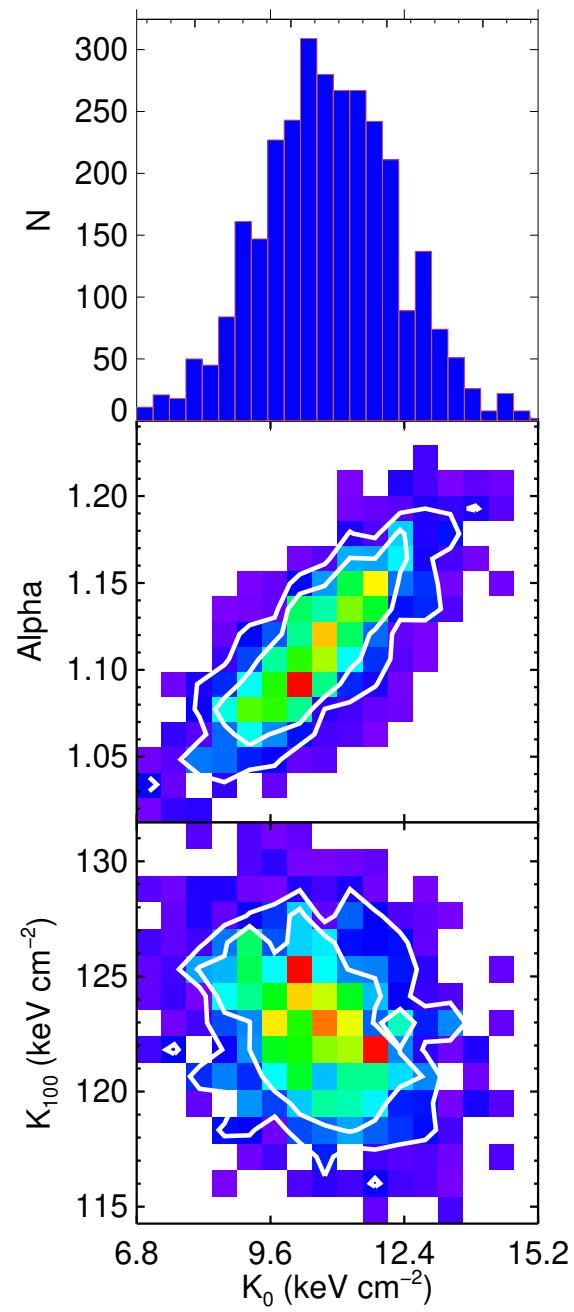
ZwCl_1006.1+1201

Median K_0 (keV cm^{-2}) = 122.6 ± 21.9

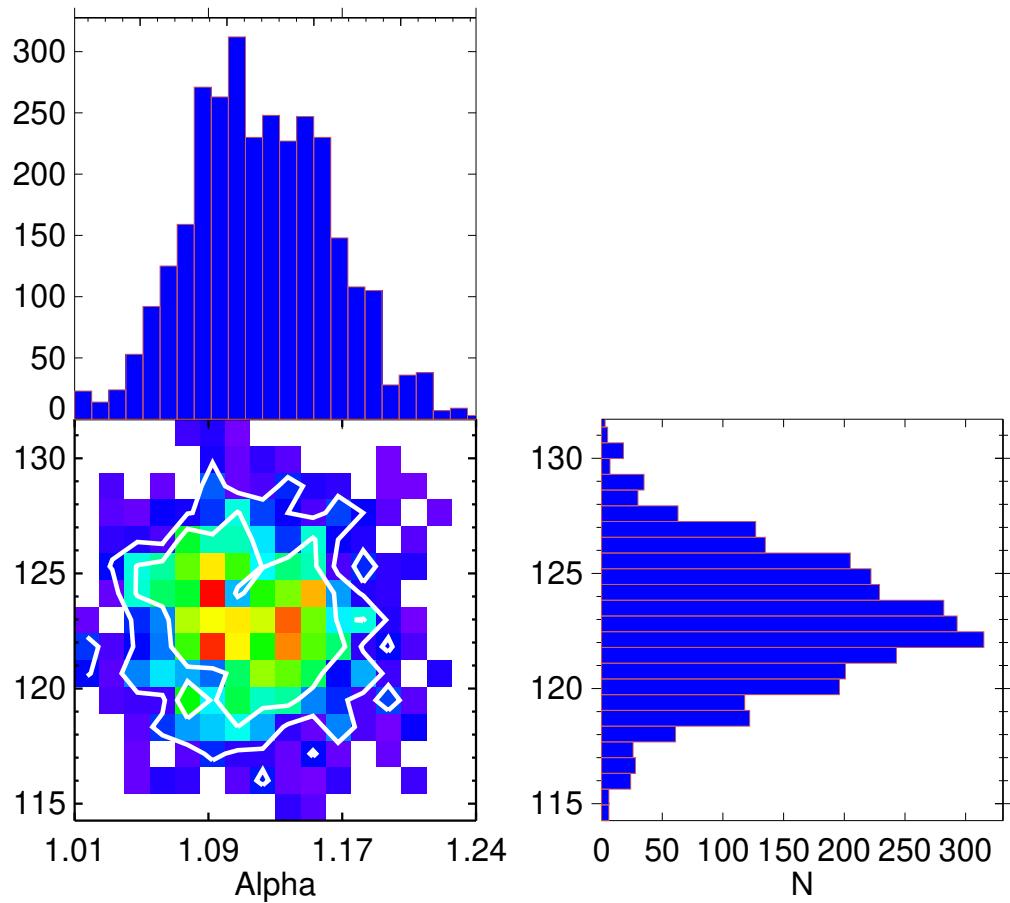
Median K_{100} (keV cm^{-2}) = 202.3 ± 11.5

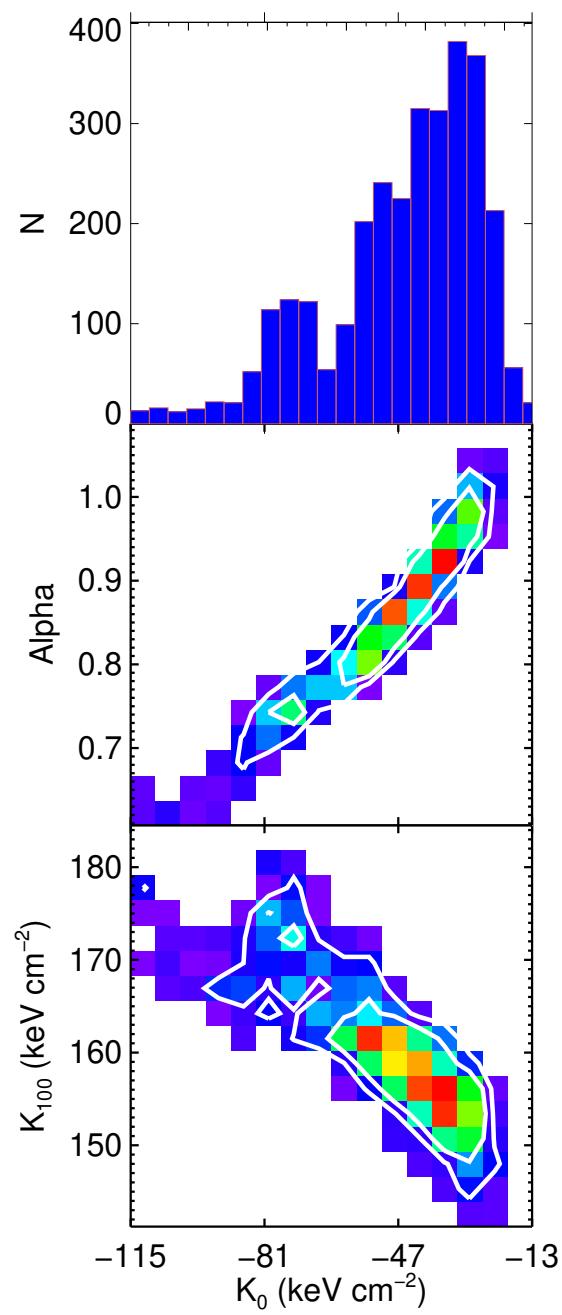
Median Alpha = 1.25 ± 0.16





ZwCl_1742.1+3306
 Median $K_0 \text{ (keV cm}^{-2}\text{)} = 10.8 +/- 1.4$
 Median $K_{100} \text{ (keV cm}^{-2}\text{)} = 122.8 +/- 2.8$
 Median Alpha = $1.12 +/- 0.04$



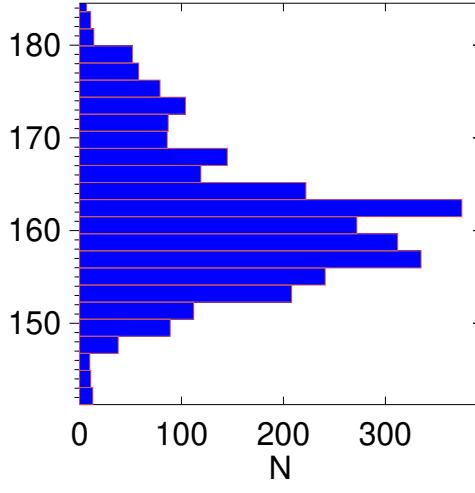
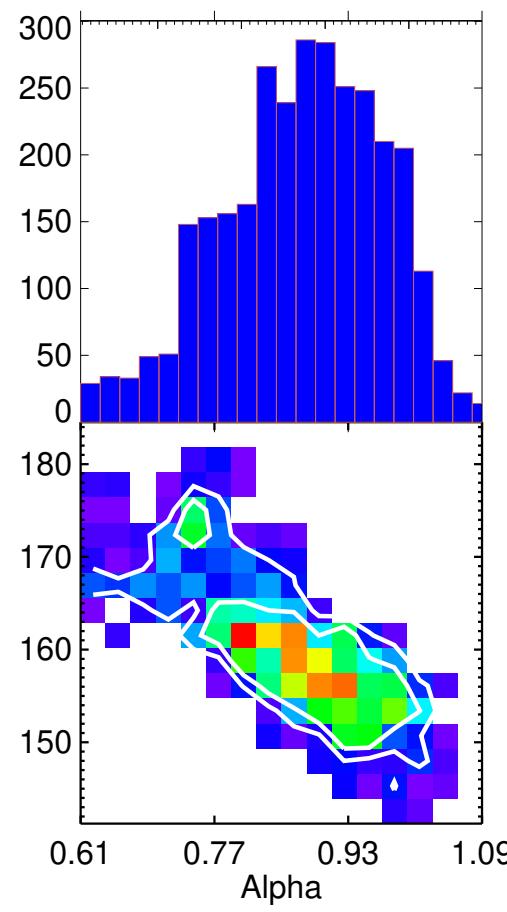


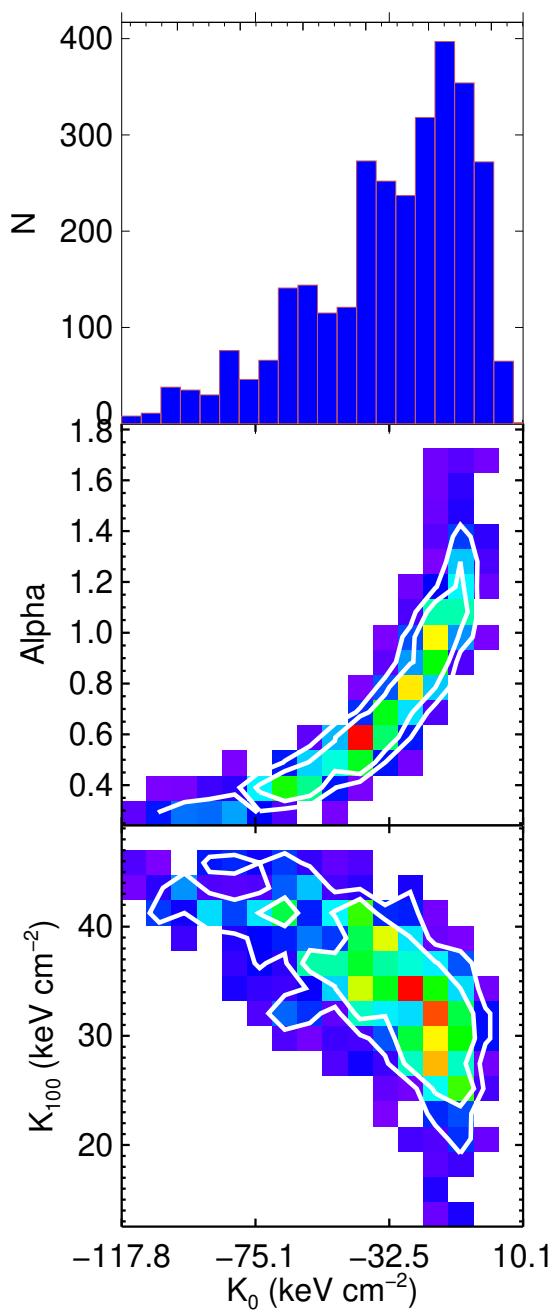
HB89 1821+643

Median K_0 (keV cm $^{-2}$) = -41.2 ± 19.5

Median K_{100} (keV cm $^{-2}$) = 160.5 ± 7.6

Median Alpha = 0.88 ± 0.10





a1750ss

Median K_0 (keV cm $^{-2}$) = $-26.3+/- 25.7$

Median K_{100} (keV cm $^{-2}$) = $36.3+/- 6.4$

Median Alpha = $0.69+/- 0.33$

