$N_H = 10^{22}$ cm^{-2}, recreates the red wings of the low ionization lines from Ne IX to O VII, and the blue wings of the high ionization lines from Fe XXIII to Si XIV. A second flow is necessary to create the blue wing of the oxygen lines, which exhibit a blue character. The theoretical fitting required $\log \xi_0 \sim 2$, terminal velocities of around $\sim$2200 km s^{-1}, and a column density of $N_H = 10^{21}$ cm^{-2}.

Our calculations also predict a relationship between the UV and X-ray bands, as models adjusted to fit the X-ray spectrum naturally predict UV lines like the Lyman serie, and the O VI, N V and C IV doublets, in apparent concordance with Costantini (2010).

REFERENCES

Arav, N., Li, Z., & Begelman, M. C. 1994, ApJ, 432, 62
Bautista, M. A., & Kallman, T. R. 2001, ApJS, 134, 139
Castor, J. I., Abbott, D. C., & Klein, R. I. 1975, ApJ, 195, 157
Chartas, G., Saez, C., Brandt, W. N., Giustini, M., & Garmire, G. P. 2009, ApJ, 706, 644
Costantini, E. 2010, Space Science Reviews, 157, 265
Crenshaw, D. M., & Kraemer, S. B. 2007, ApJ, 659, 250
de Kool, M., & Begelman, M. C. 1995, ApJ, 455, 448
Drew, J. E. 1989, ApJS, 71, 267
Drew, J., & Giddings, J. 1982, MNRAS, 201, 27
Drew, J. E., & Proga, D. 2000, NewA Rev., 44, 21
Drew, J., & Verbunt, F. 1985, MNRAS, 213, 191
Elvis, M. 2000, ApJ, 545, 63
Emmering, R. T., Blandford, R. D., & Shlosman, I. 1992, ApJ, 385, 460
Gabel, J. R., et al. 2003, ApJ, 583, 178
Gabel, J. R., et al. 2005, ApJ, 631, 741
George, I. M., Turner, T. J., Netzer, H., Nandra, K., Mushotzky, R. F., & Yaqoob, T. 1998, ApJS, 114, 73
Gonçalves, A. C., Collin, S., Dumont, A., Mouchet, M., Różańska, A., Chevallier, L., & Goosmann, R. W. 2006, A&A, 451, L23
Grevesse, N., Noels, A., & Sauval, A. J. 1996, in ASP Conf. Ser. 99, Cosmic Abundances, ed. S. Holt & G. Sonneborn (San Francisco: ASP), 117
Huber, P. J. 1964, Ann. Math. Statist., 35, 73
Kaastra, J. S., Mewe, R., Liedahl, D. A., Komossa, S., & Brinkman, A. C. 2000, A&A, 354, L83
Kallman, T., & Bautista, M. 2001, ApJS, 133, 221
Kallman, T. R., & McCray, R. 1982, ApJS, 50, 263
Kaspi, S., Brandt, W. N., Netzer, H., Sambruna, R., Chartas, G., Garmire, G. P., & Nousek, J. A. 2000, ApJ, 535, L17
Kaspi, S., et al. 2002, ApJ, 574, 643
Kaspi, S., et al. 2001, ApJ, 554, 216
Knigge, C., Woods, J. A., & Drew, J. E. 1995, MNRAS, 273, 225
Komossa, S. 1999, in ASCA/ROSAT Workshop on AGN and the X-Ray Background, ed. T. Takahashi & H. Inoue (ISAS Rep. 149) (Tokyo: ISAS), 149
Kraemer, S. B., Crenshaw, D. M., & Gabel, J. R. 2001, ApJ, 557, 30
Krolik, J. H., & Kriss, G. A. 2001, ApJ, 561, 684
Krongold, Y., Nicastro, F., Brickhouse, N. S., Elvis, M., Liedahl, D. A., & Mathur, S. 2003, ApJ, 597, 832
Krongold, Y., Nicastro, F., Elvis, M., Brickhouse, N. S., Mathur, S., & Zezas, A. 2005, ApJ, 620, 165
Lamers, H. J. G. L. M., Cerruti-Sola, M., & Perinotto, M. 1987, ApJ, 314, 726
Murray, N., Chiang, J., Grossman, S. A., & Voit, G. M. 1995, ApJ, 451, 498
Netzer, H., et al. 2003, ApJ, 599, 933
Ogle, P. M., Marshall, H. L., Lee, J. C., & Canizares, C. R. 2000, ApJ, 545, L81
Peterson, B. M., et al. 2004, ApJ, 613, 682
Proga, D. 2003, ApJ, 592, L9
Proga, D., Stone, J. M., & Kallman, T. R. 2000, ApJ, 543, 686
Ramírez, J. M. 2008, A&A, 489, 57
Ramírez, J. M., Bautista, M., & Kallman, T. 2005, ApJ, 627, 166
Reeves, J. N., Nandra, K., George, I. M., Pounds, K. A., Turner, T. J., & Yaqoob, T. 2004, ApJ, 602, 648
Różańska, A., Goosmann, R., Dumont, A., & Czerny, B. 2006, A&A, 452, 1
Saez, C., Chartas, G., & Brandt, W. N. 2009, ApJ, 697, 194
Shields, J. C., & Hamann, F. 1997, ApJ, 481, 752
Shlosman, I., Vitello, P., & Mauche, C. W. 1996, ApJ, 461, 377
Steenbrugge, K. C., Kaastra, J. S., de Vries, C. P., & Edelson, R. 2003, A&A, 402, 477
Tarter, C. B., Tucker, W. H., & Salpeter, E. E. 1969, ApJ, 156, 943
Yaqoob, T., McKernan, B., Kraemer, S. B., Crenshaw, D. M., Gabel, J. R., George, I. M., & Turner, T. J. 2003, ApJ, 582, 105

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