

Table 3. Measured and model predicted column densities

Measurement Method / Model parameter					$N_{He\ I}^*$	$N_{Fe\ II(0)}^*$	$N_{Mg\ II}^*$
Measurements							
Apparent Optical Depth					156.9 ± 0.8	24.9 ± 0.6	160.9 ± 0.7
Covering factor					179.3 ± 8.0	29.1 ± 3.0	226.7 ± 6.7
Power Law					180.2 ± 3.2	30.4 ± 3.7	602 ± 246
Models							
SED	Z/Z _⊙	log N_H	log U_H	log n_H			
MF87	1.00	20.82	-2.15	3.8	176.5	30.9	1341.5
Soft	1.00	20.81	-2.15	3.8	180.5	32.4	1364.6
MF87	4.23	20.66	-2.17	3.8	172.3	31.2	1815.5

*in units of 10^{12} cm^{-2}