'chemical abundance' of NH_3 .

Progressive bin size: 32*50px/bin, 16*100, 8*200, 4*400, 2*800, rest*1600 -7.0chem. abund. $\log(\frac{N(\mathrm{NH_3})}{N(\mathrm{H_2})})$ -7.5-8.0-8.522.6 21.2 21.4 21.6 22.0 22.2 22.4 22.8 21.8 $log(N(H_2))$ along line of sight