H-Bonding vs N-N length

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I wrote a program that will print H-Bonding information per frame per N-N (end to end backbone N) distance. The current version is attached, as well as the script I use to run it. My procedure is still evolving a bit, but mostly in small ways. Once it settles, I'll post that version, too.

I ran it and got loads of data. The trouble with the data is in avoiding circular logic. That is... if the strand is mostly extended, then most H-bonds are going to be present when extended. So, you can't say whether the H-bond is stabilizing the structure or whether the structure is stabilizing the H-bond. I'll figure something out.

get_distance_vs_HBonds

get_HBond_Bins

do_hbond_analysis

makefile