

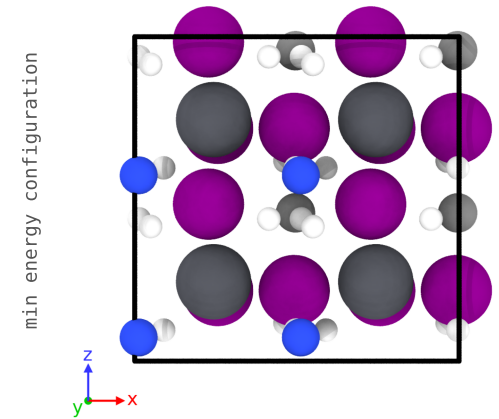
# [1/1] ML\_ABCAR-MAPbI3 (Cubic- (SSHS-MAPbI3))

## file

name	ML_ABCAR-MAPbI3
structure groups	1
total structures	777

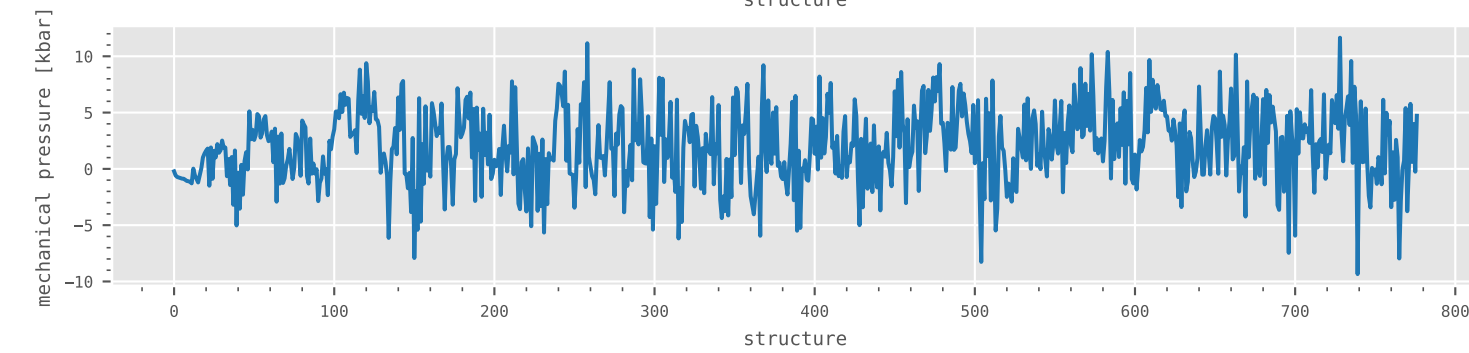
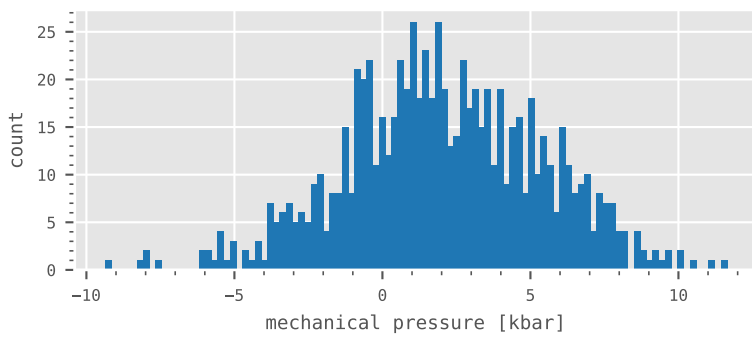
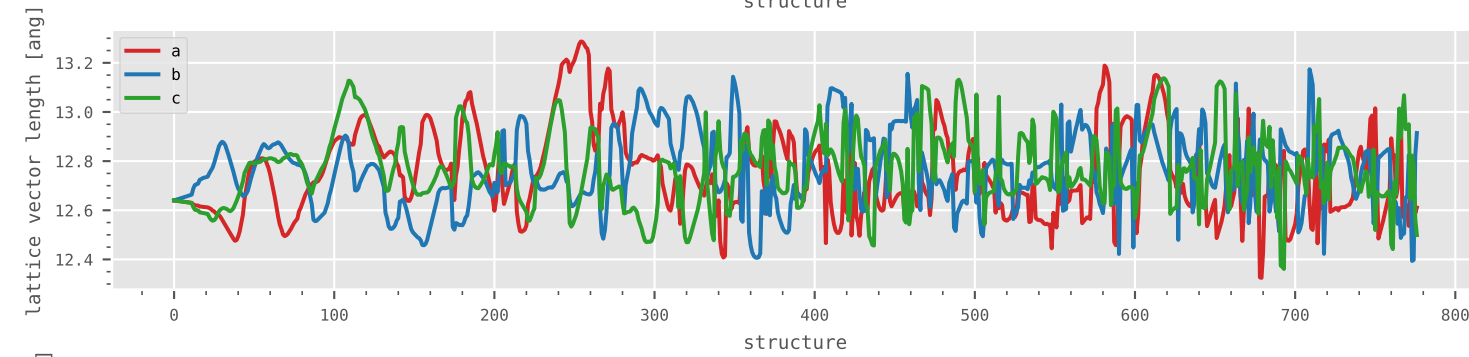
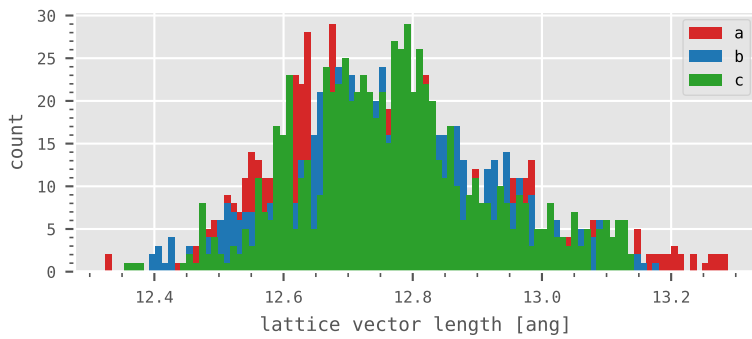
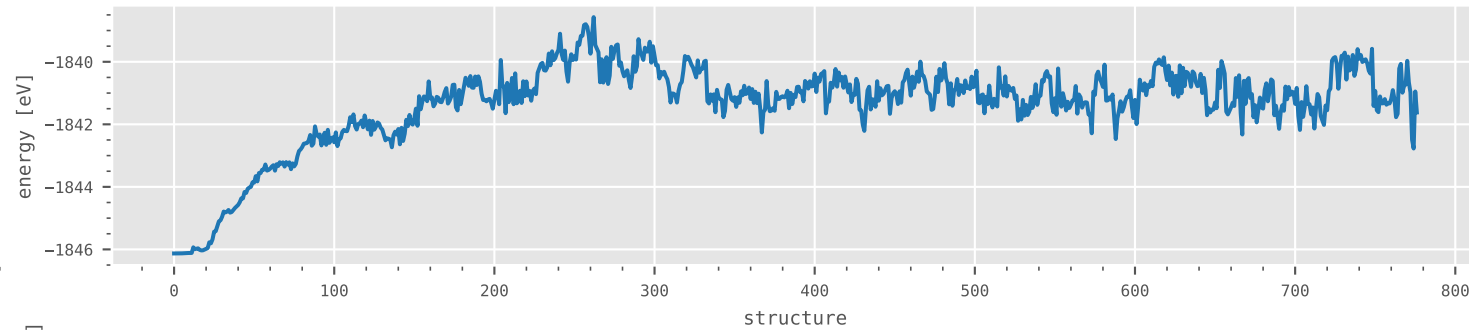
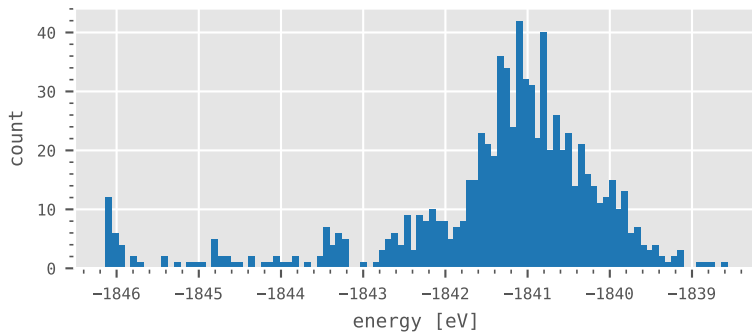
## overview

energy	-1841.3 $\pm$ 1.36	eV
volume	2078.3 $\pm$ 40.40	ang <sup>3</sup>
lattice vector a	12.7 $\pm$ 0.17	ang
lattice vector b	12.8 $\pm$ 0.15	ang
lattice vector c	12.8 $\pm$ 0.15	ang
non-periodic radius	6.2 (min. for group)	ang



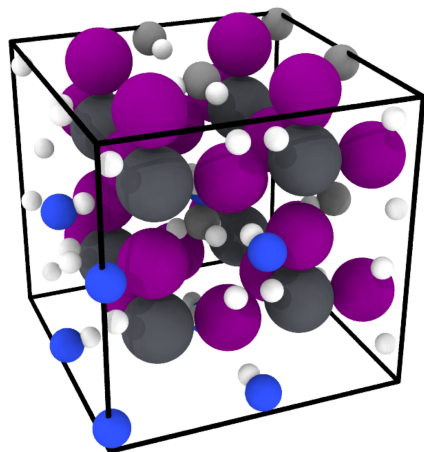
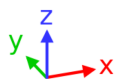
## current structure group

name	Cubic-(SSHS-MAPbI3)
structure group	1 (of 1 in file)
structures	777 (of 777 in file)
atoms	Pb (8), I (24), C (8), N (8), H (48)
	96 total

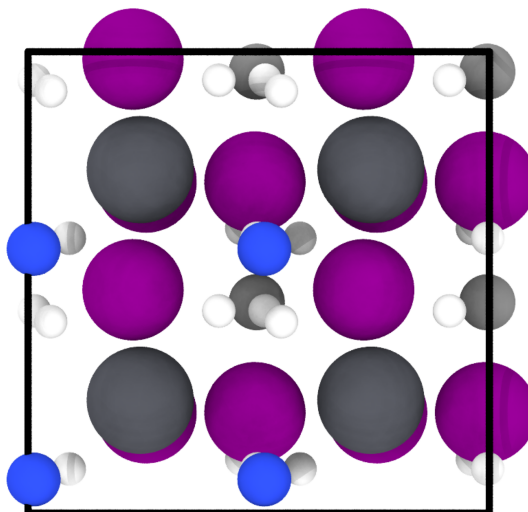
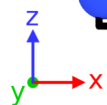


minimum energy configuration (structure 4)

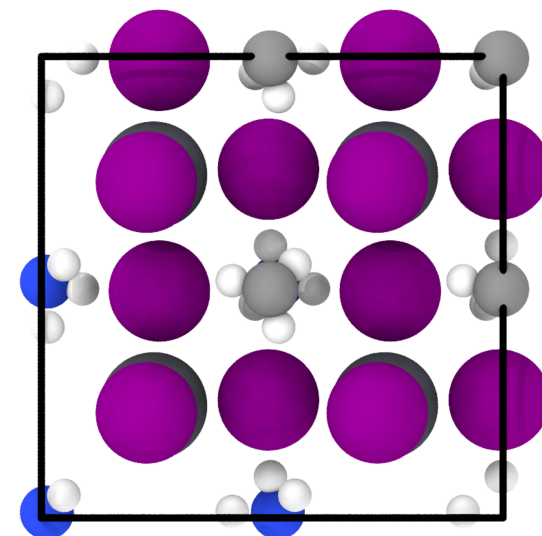
perspective



front

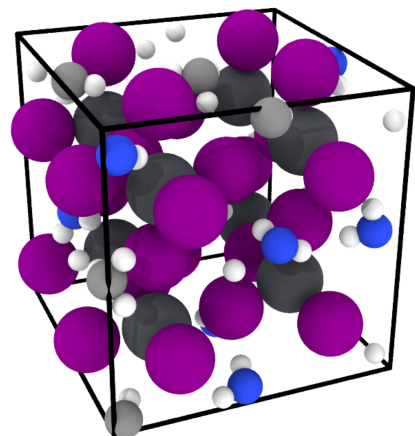


top

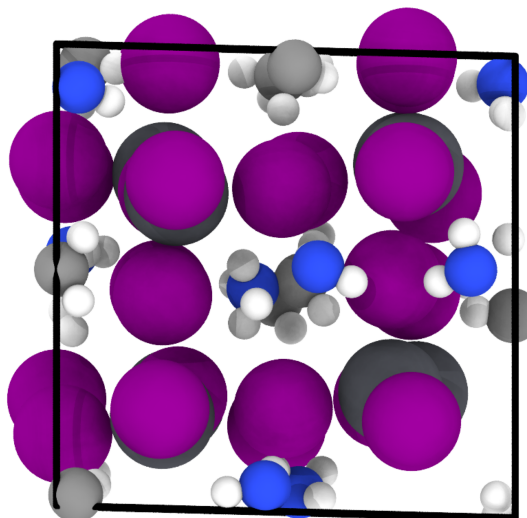
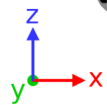


maximum energy configuration (structure 263)

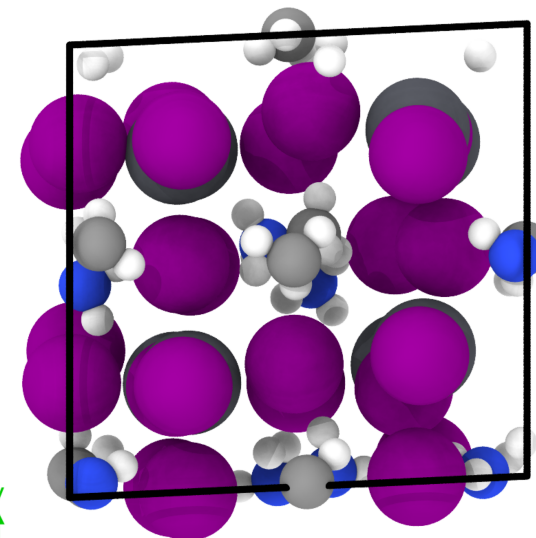
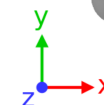
perspective



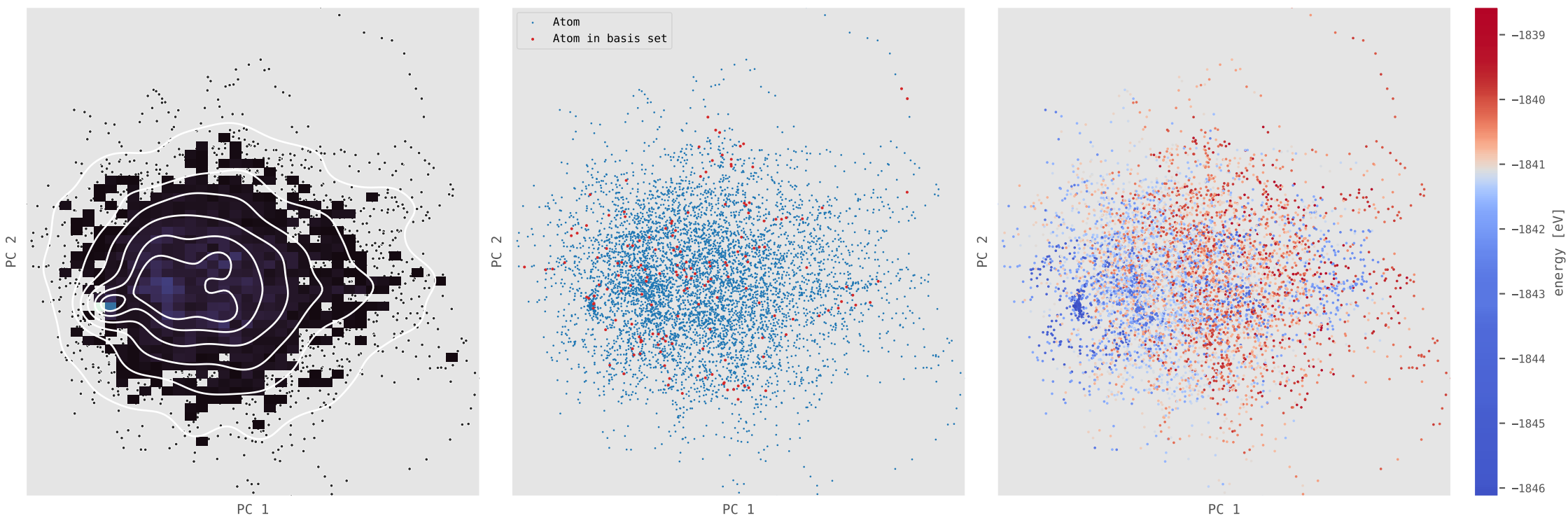
front



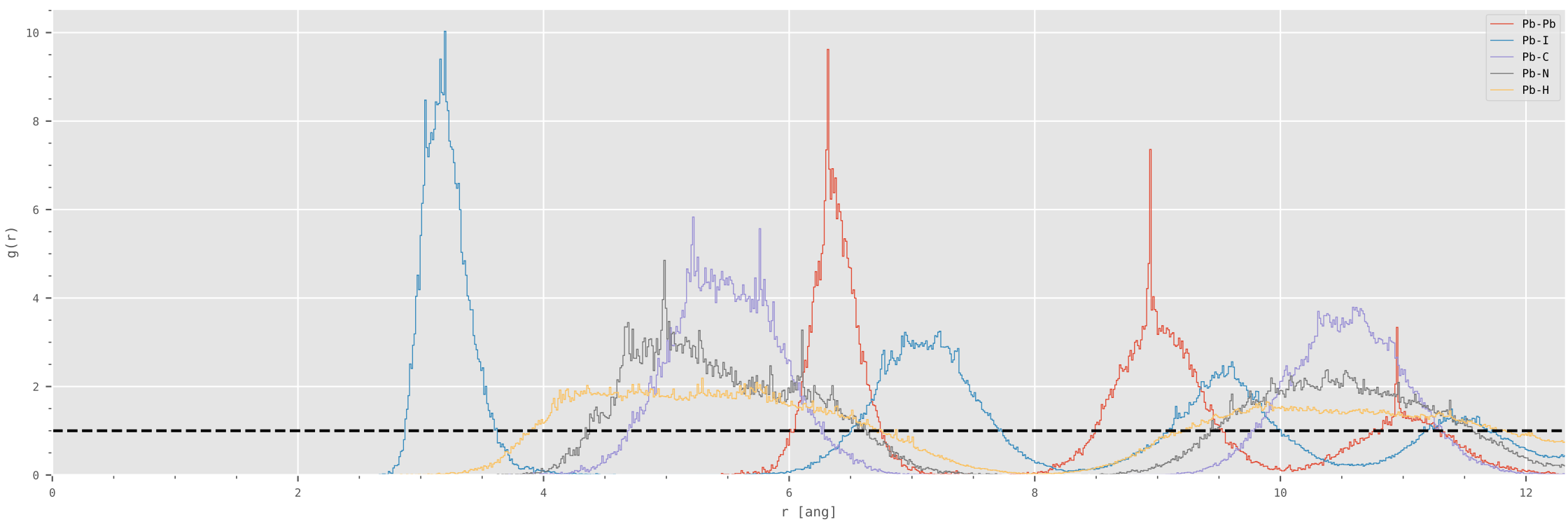
top



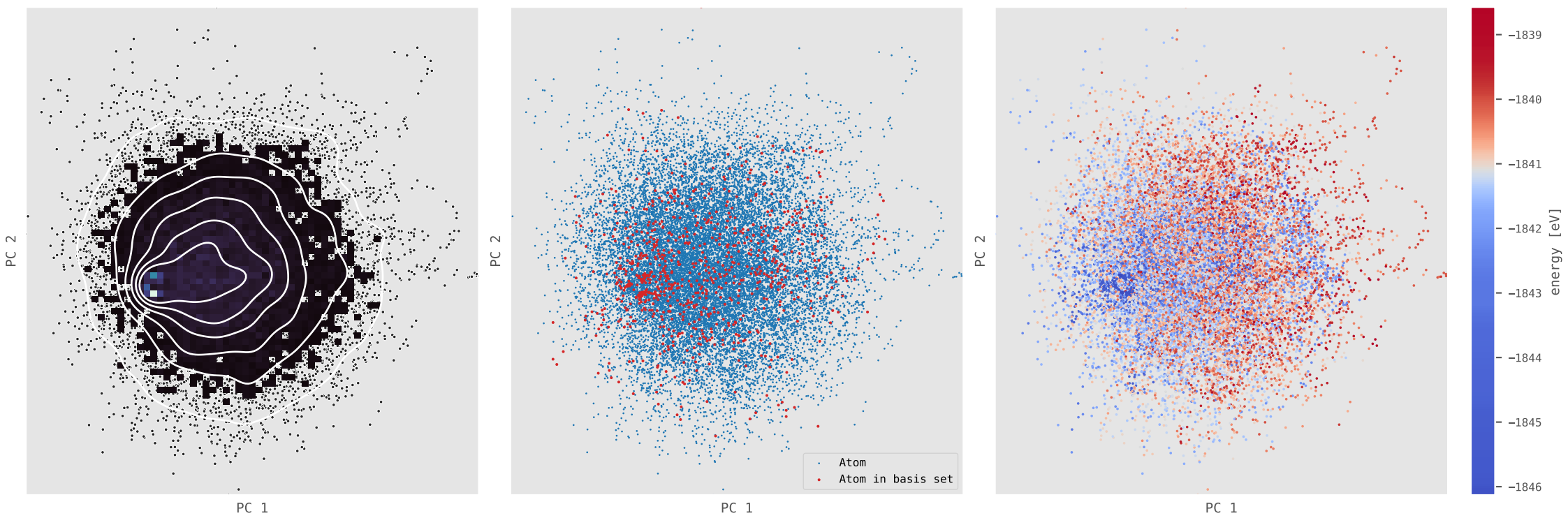
principal component analysis of descriptors (Pb)



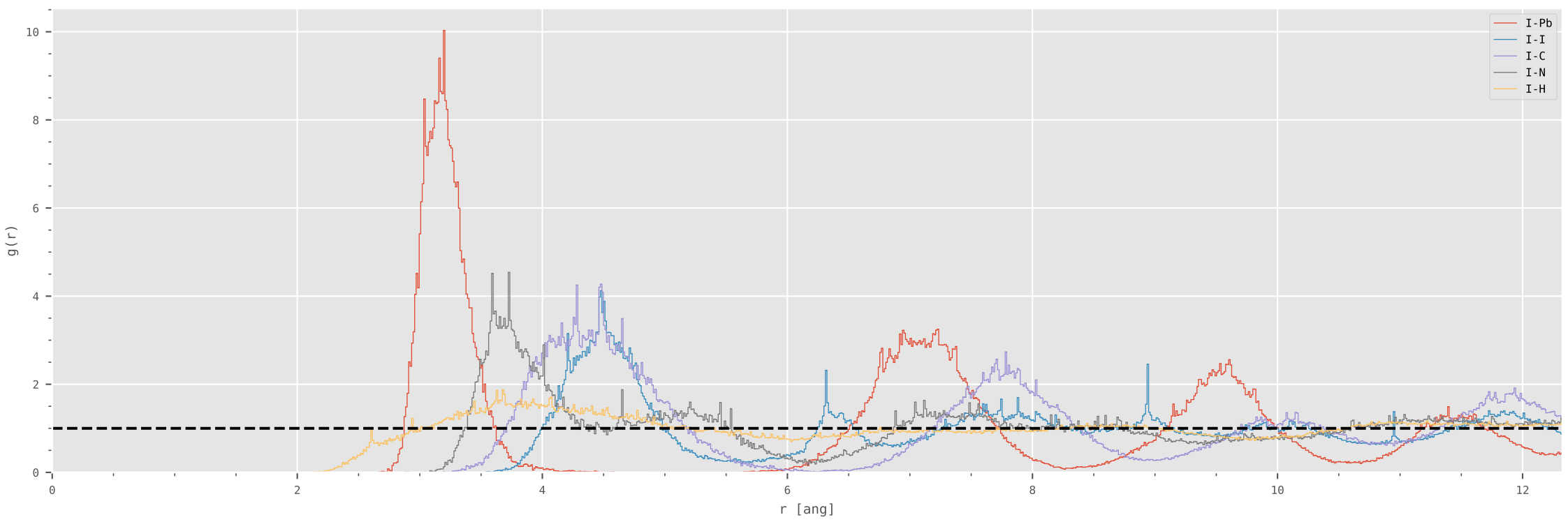
radial distribution functions (Pb)



principal component analysis of descriptors (I)



radial distribution functions (I)

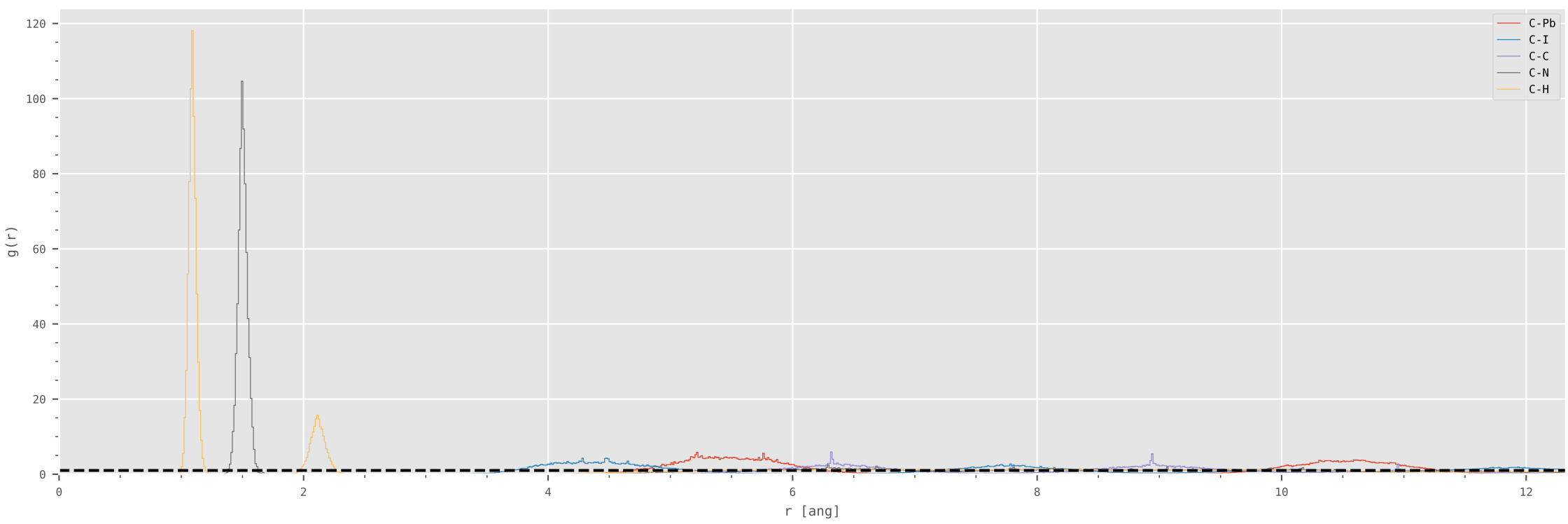




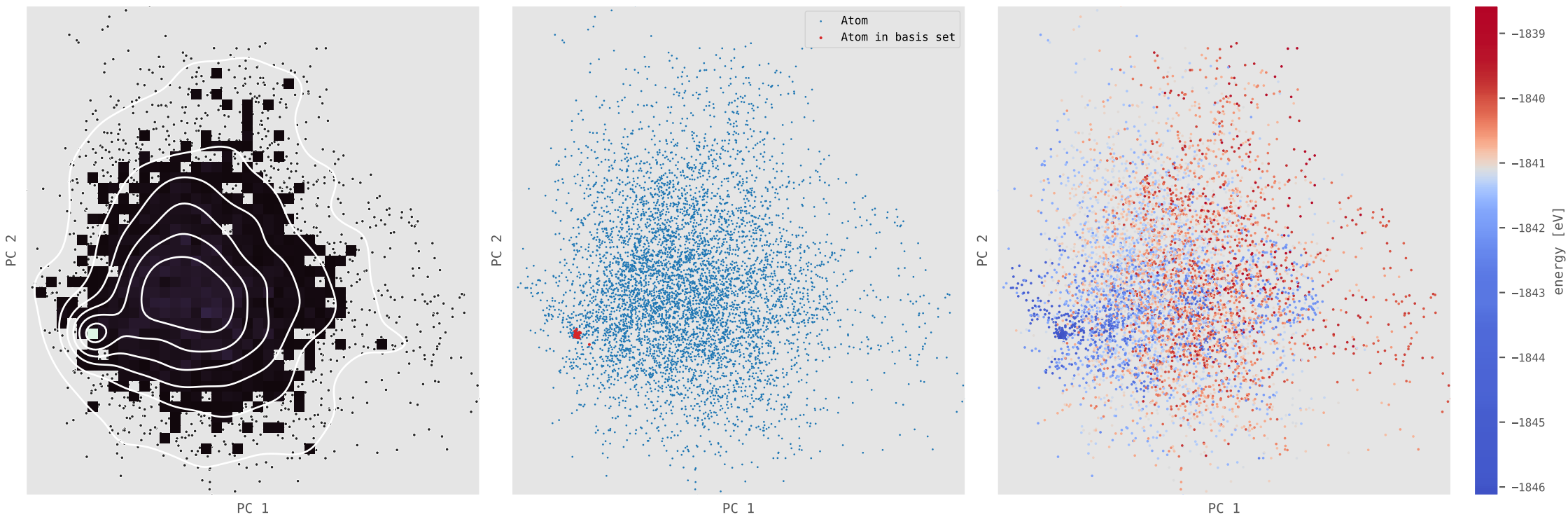
principal component analysis of descriptors (C)



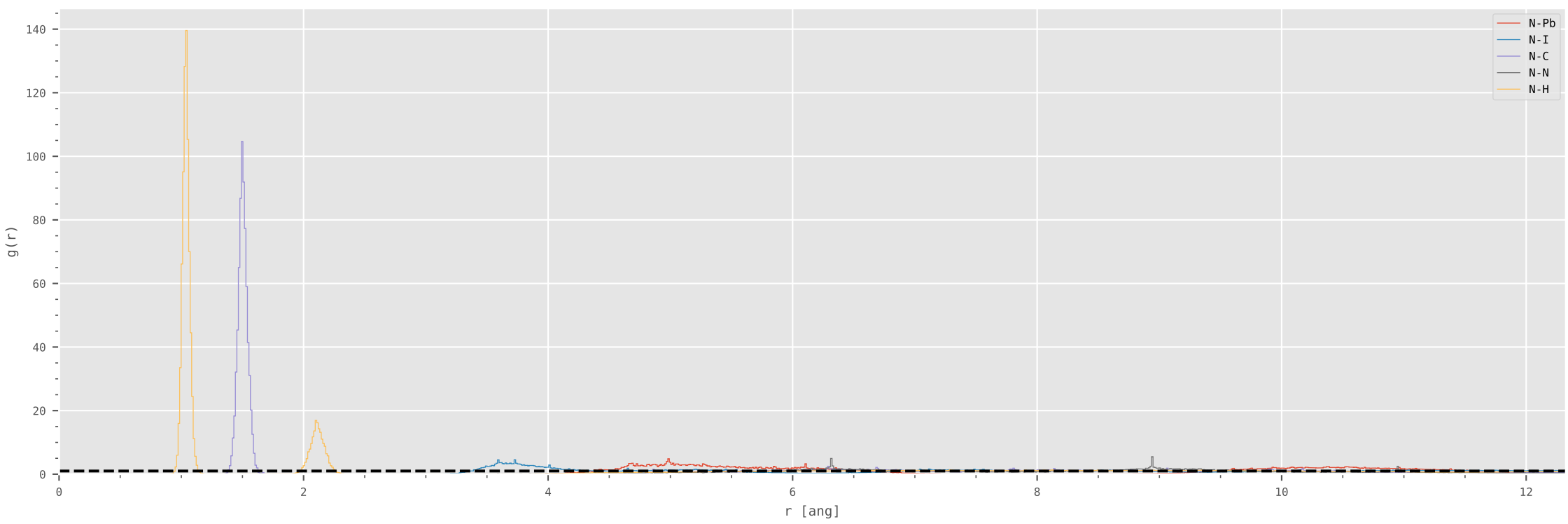
radial distribution functions (C)



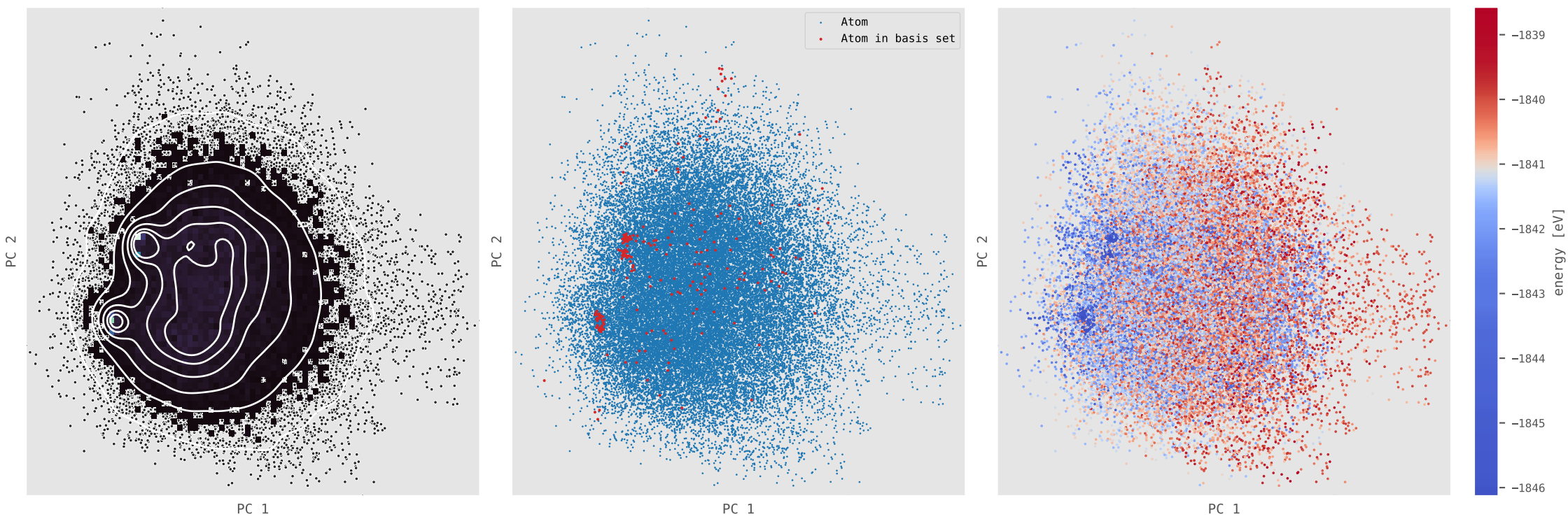
principal component analysis of descriptors (N)



radial distribution functions (N)



principal component analysis of descriptors (H)



radial distribution functions (H)

