

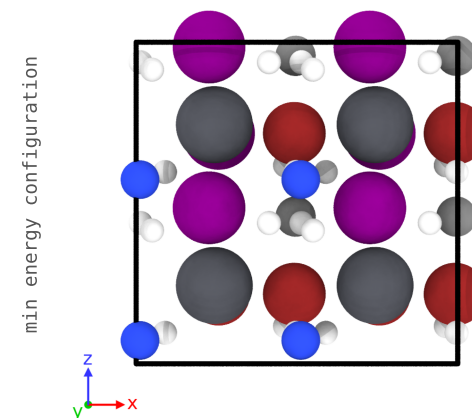
[1/2] ML_ABCAR-MAPbI1.5Br1.5 (Cubic-(SSHS-MAPbIBr-4-4))

file

name	ML_ABCAR-MAPbI1.5Br1.5
structure groups	2
total structures	3267

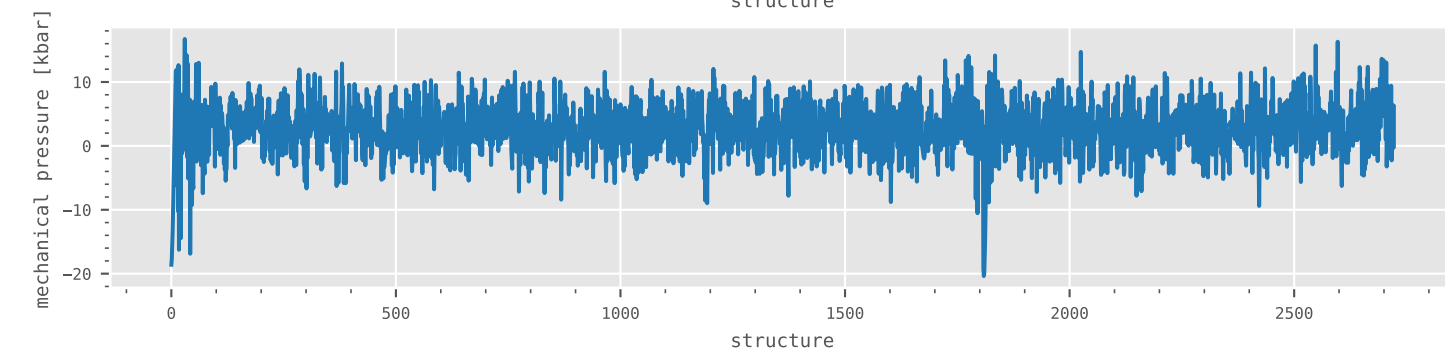
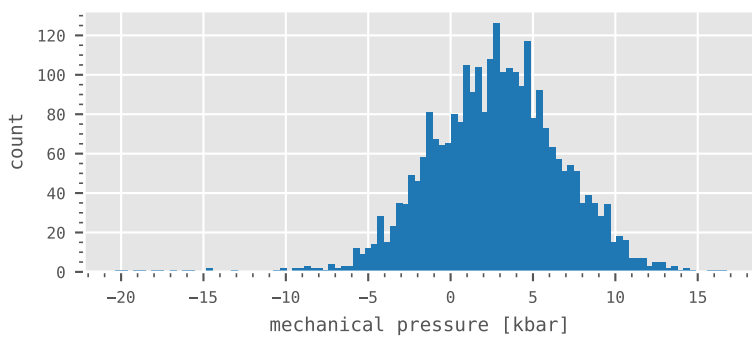
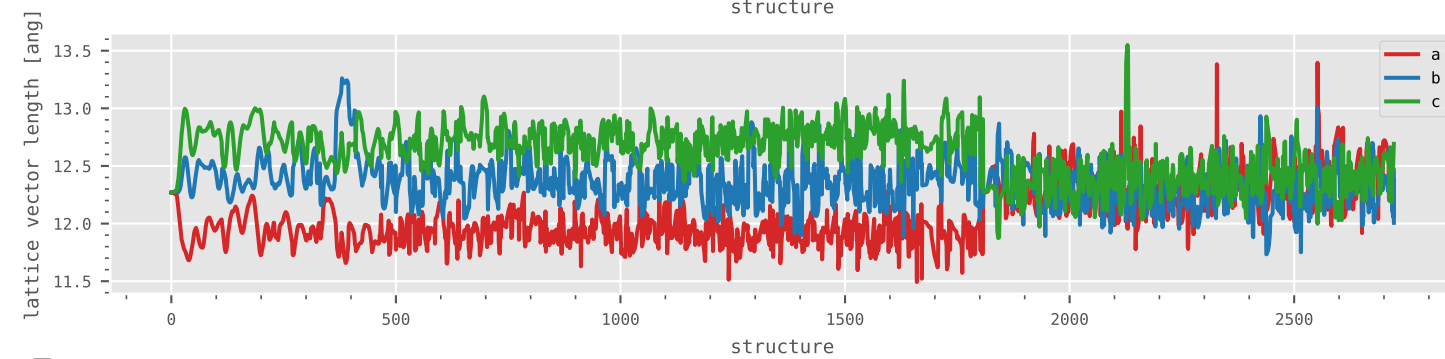
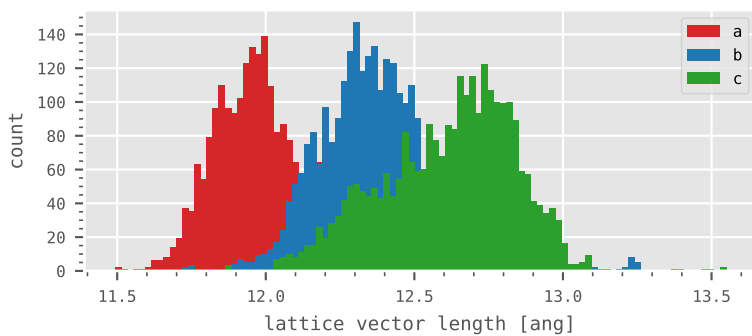
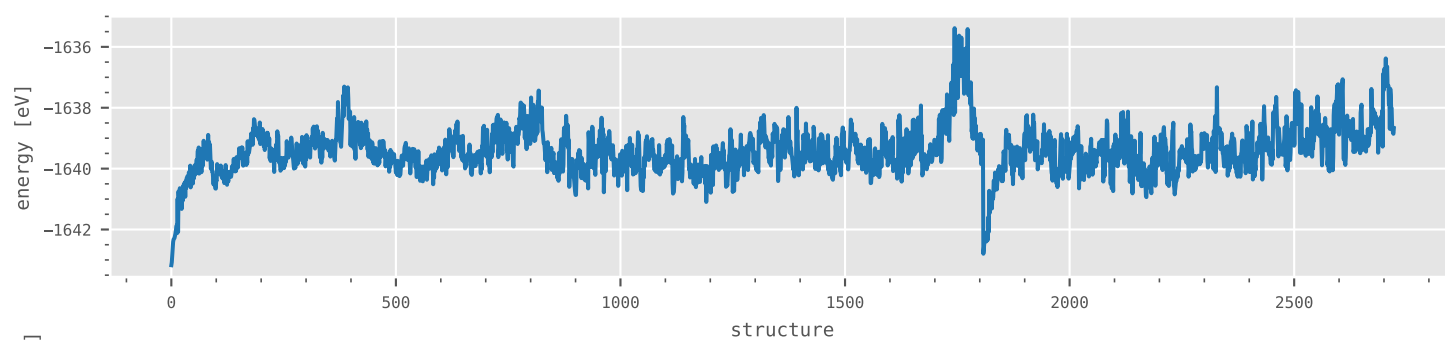
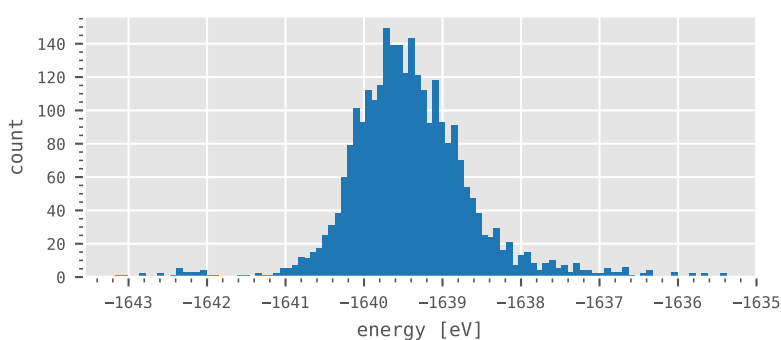
overview

energy	-1639.4 ± 0.79	eV
volume	1881.4 ± 35.34	ang ³
lattice vector a	12.1 ± 0.24	ang
lattice vector b	12.4 ± 0.20	ang
lattice vector c	12.6 ± 0.22	ang
non-periodic radius	5.7 (min. for group)	ang



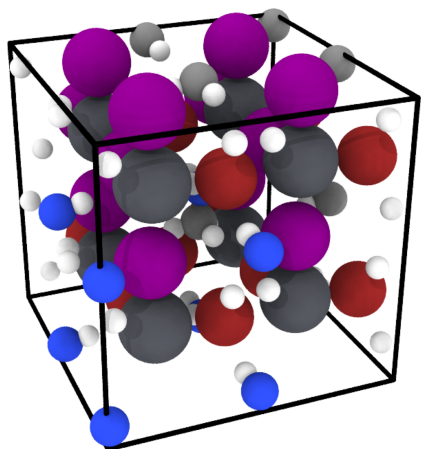
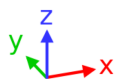
current structure group

name	Cubic-(SSHS-MAPbIBr-4-4)
structure group	1 (of 2 in file)
structures	2723 (of 3267 in file)
atoms	Pb (8), I (12), Br (12), C (8), N (8), H (48) 96 total

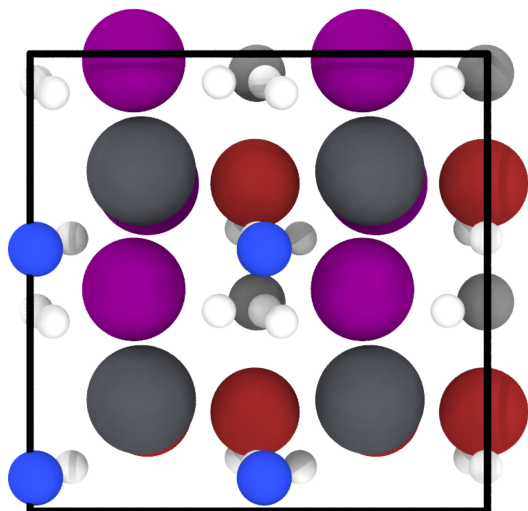
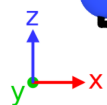


minimum energy configuration (structure 1)

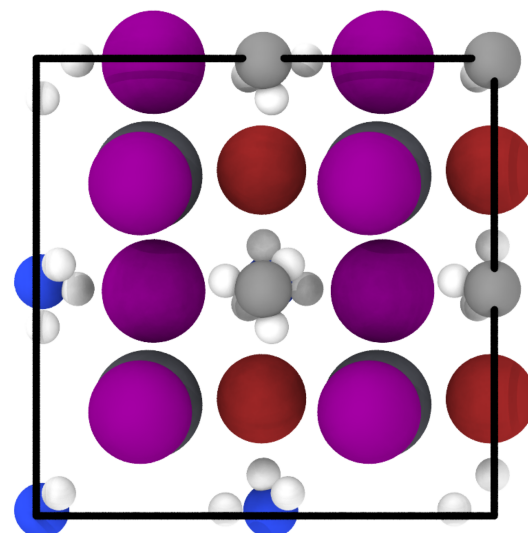
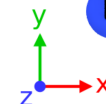
perspective



front

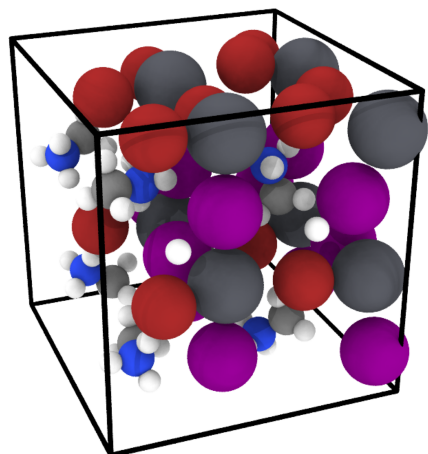


top

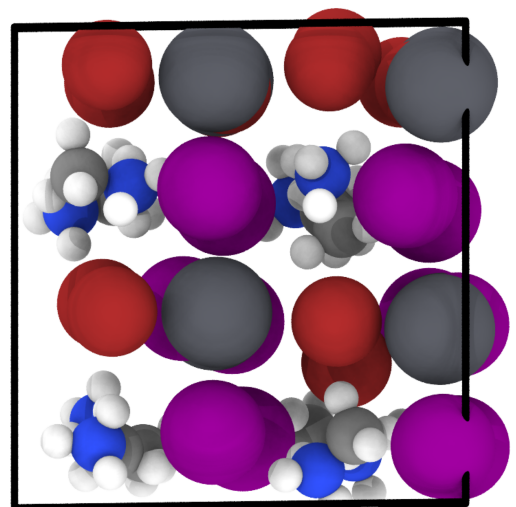
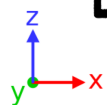


maximum energy configuration (structure 1745)

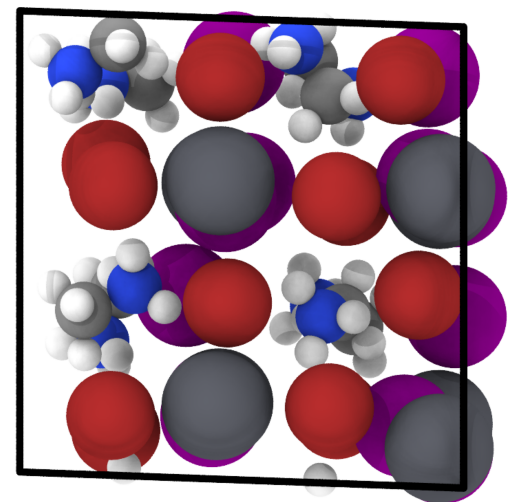
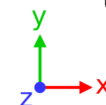
perspective



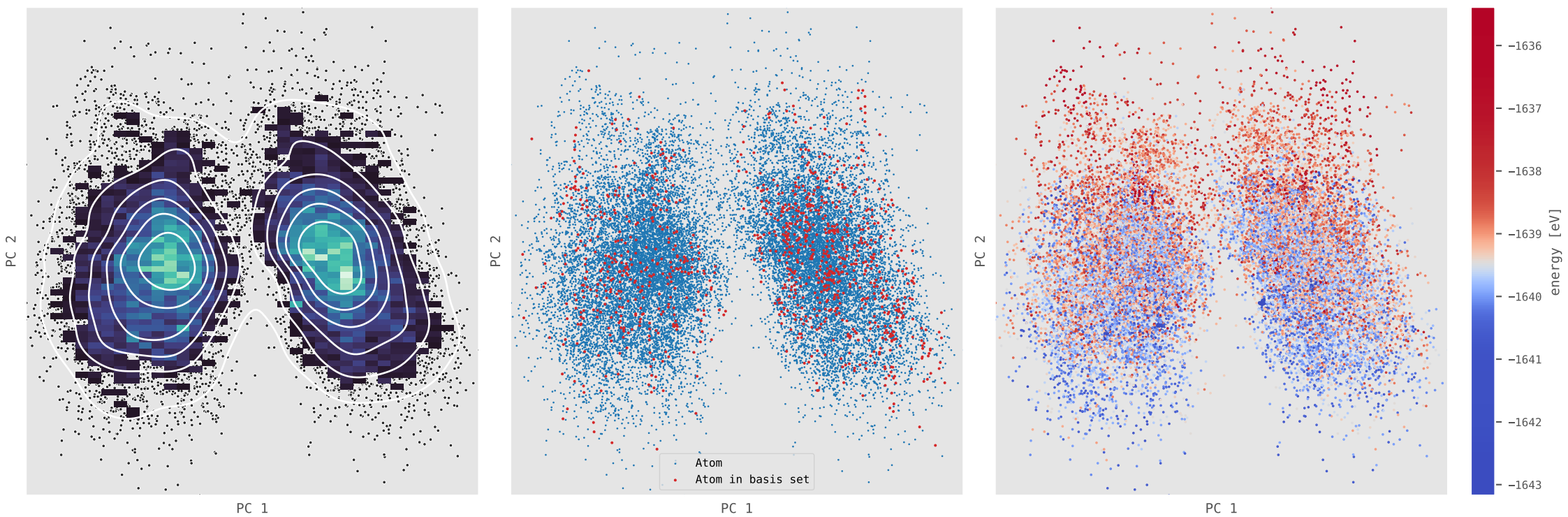
front



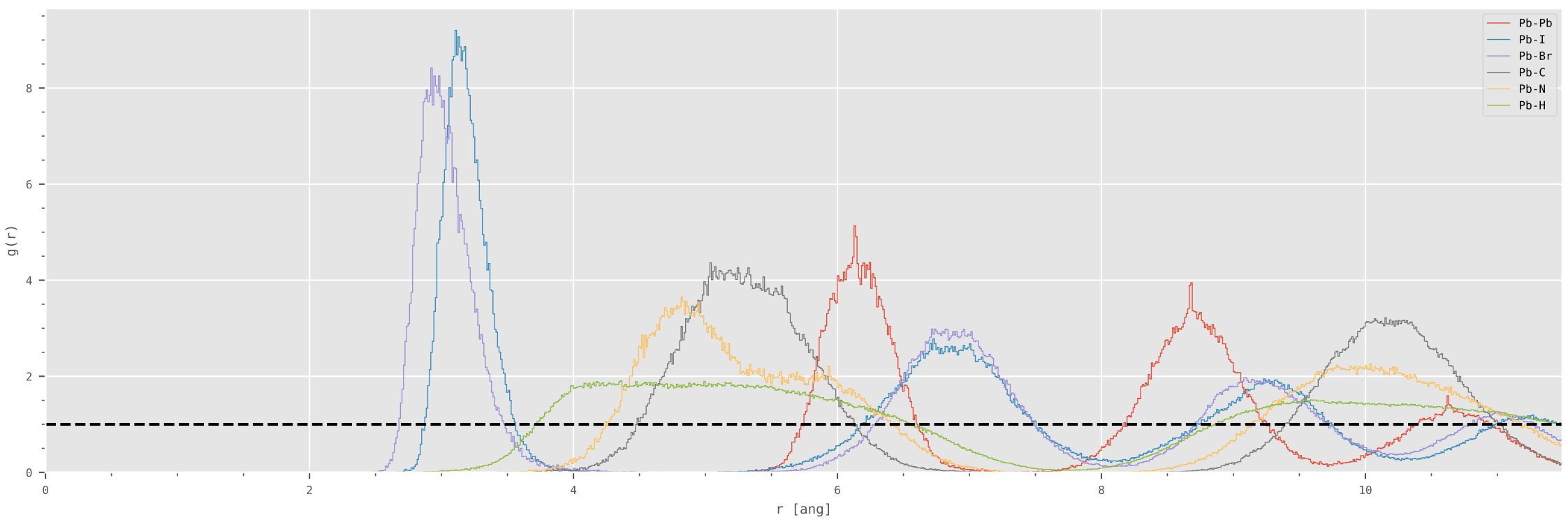
top



principal component analysis of descriptors (Pb)



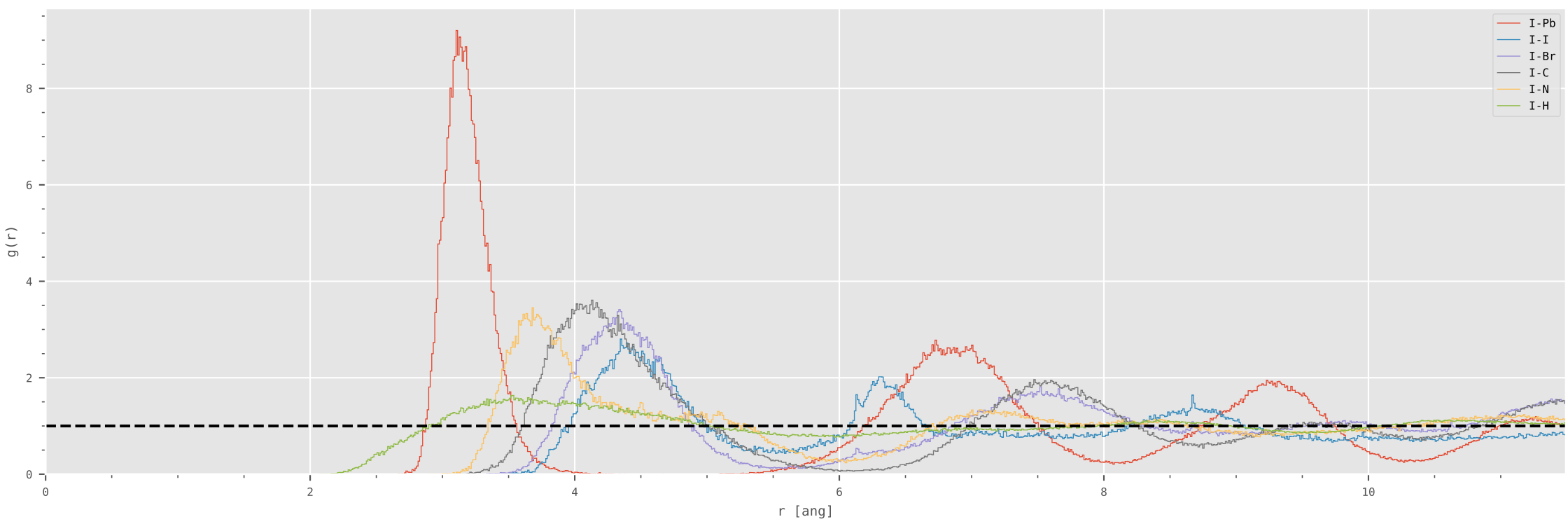
radial distribution functions (Pb)



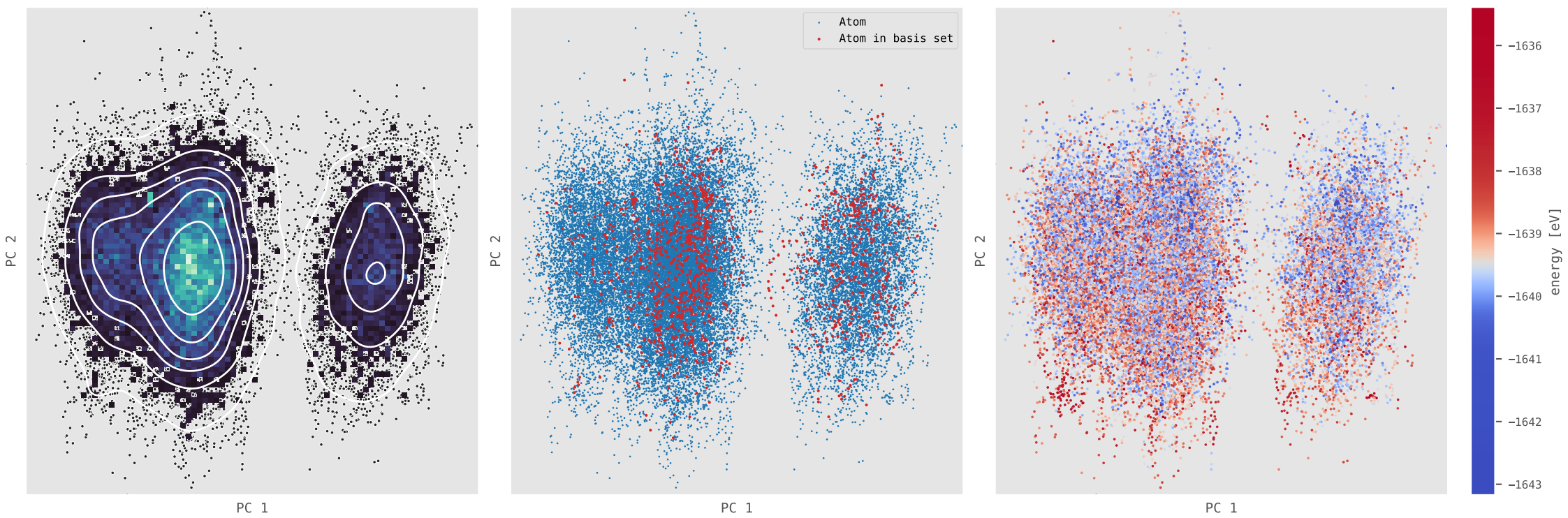
principal component analysis of descriptors (I)



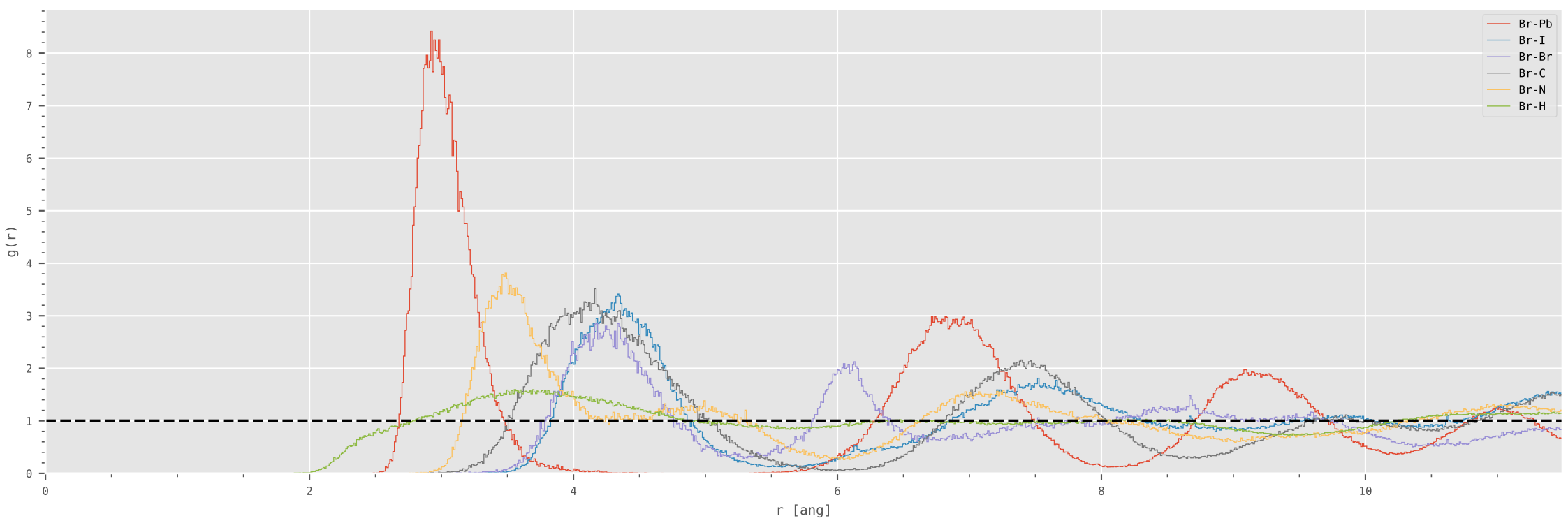
radial distribution functions (I)



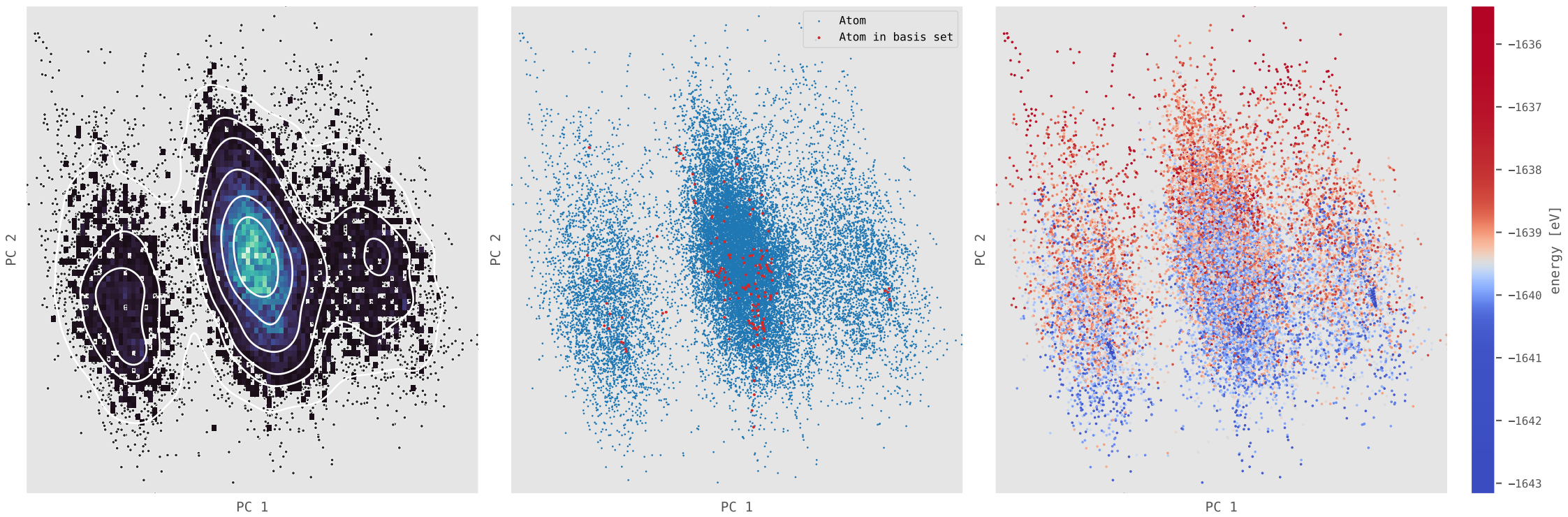
principal component analysis of descriptors (Br)



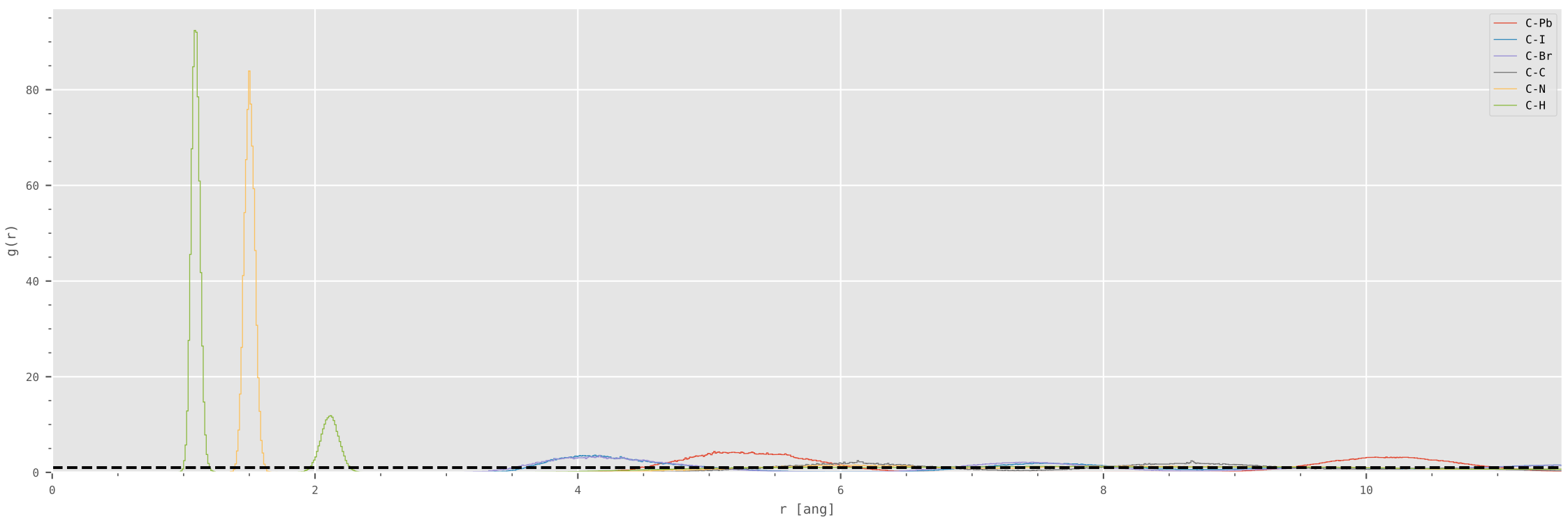
radial distribution functions (Br)



principal component analysis of descriptors (C)



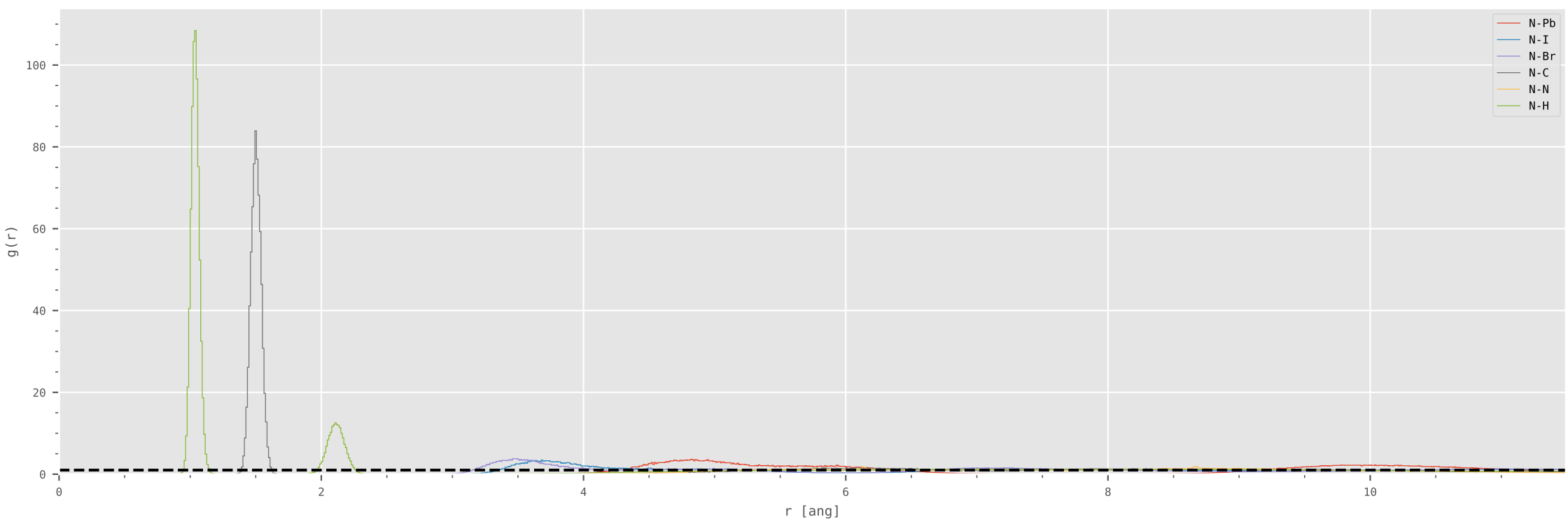
radial distribution functions (C)



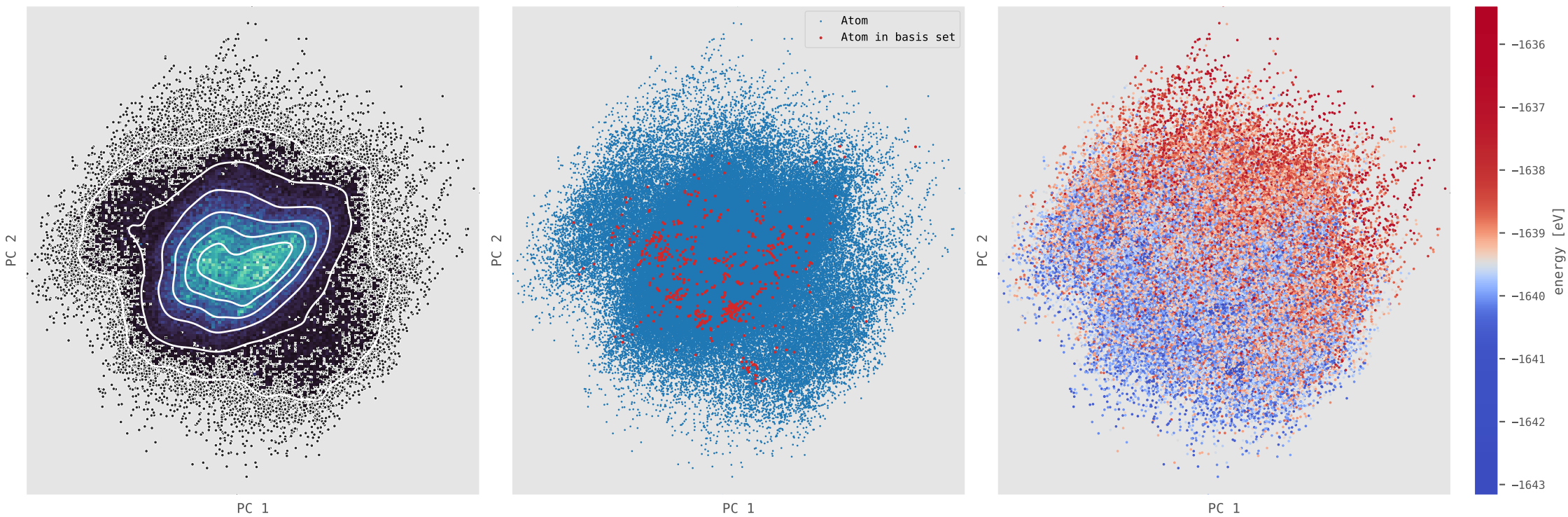
principal component analysis of descriptors (N)



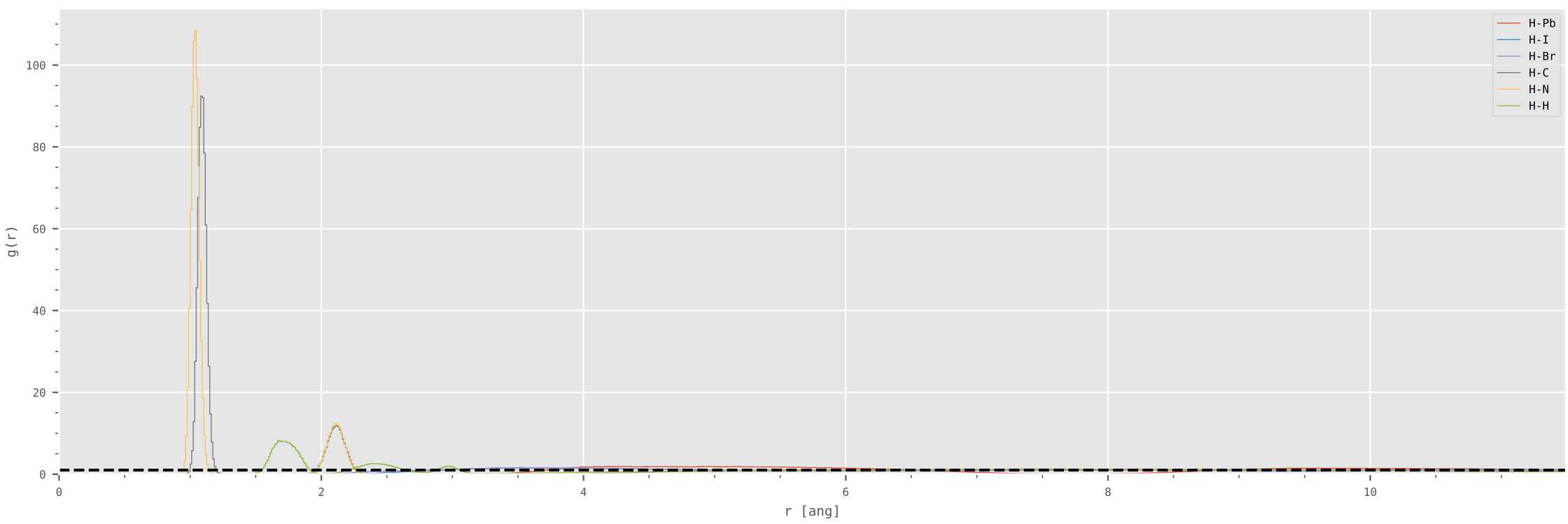
radial distribution functions (N)



principal component analysis of descriptors (H)



radial distribution functions (H)



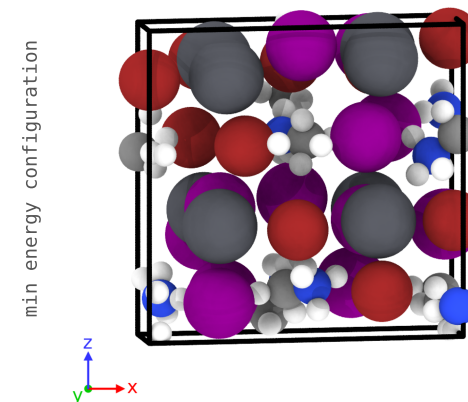
[2/2] ML_ABCAR-MAPbI1.5Br1.5 (MAPbBr3)

file

name	ML_ABCAR-MAPbI1.5Br1.5
structure groups	2
total structures	3267

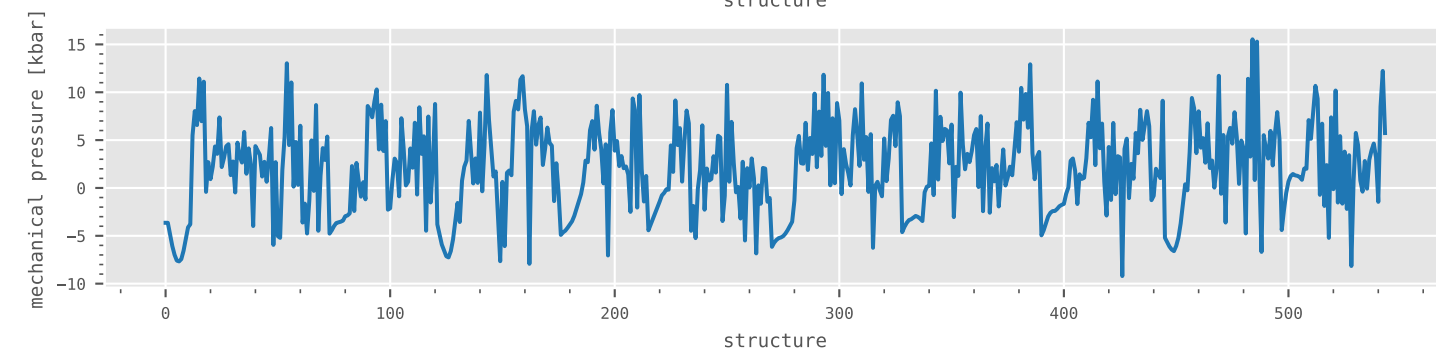
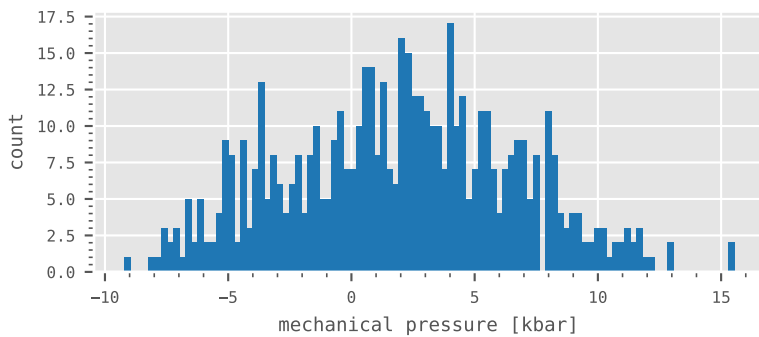
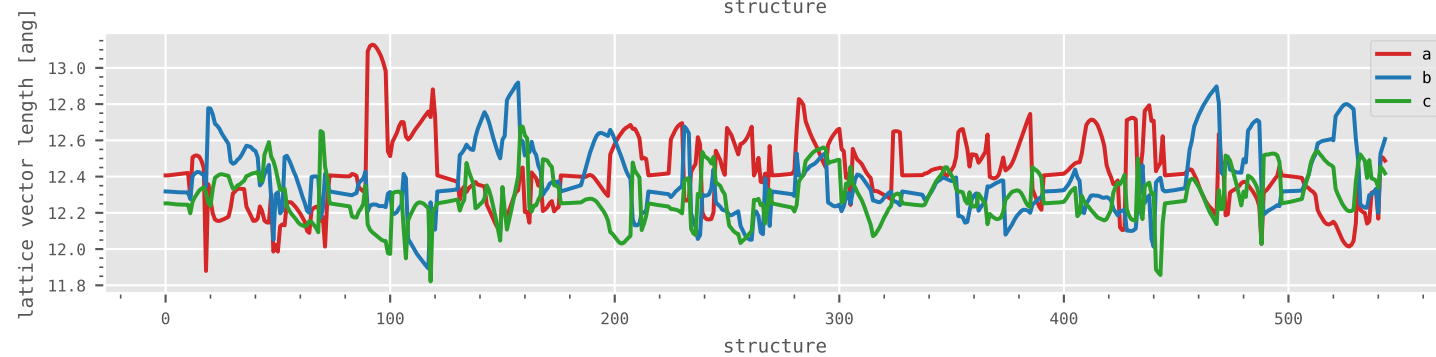
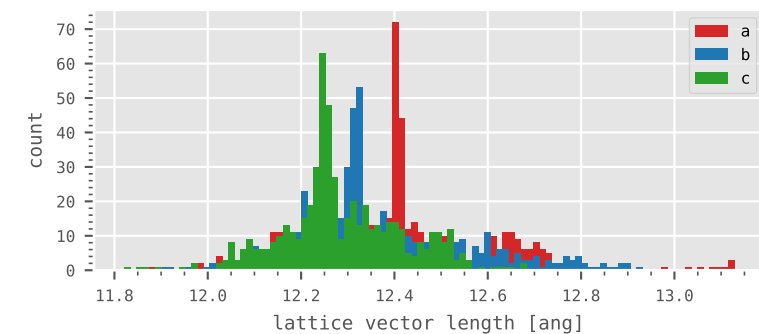
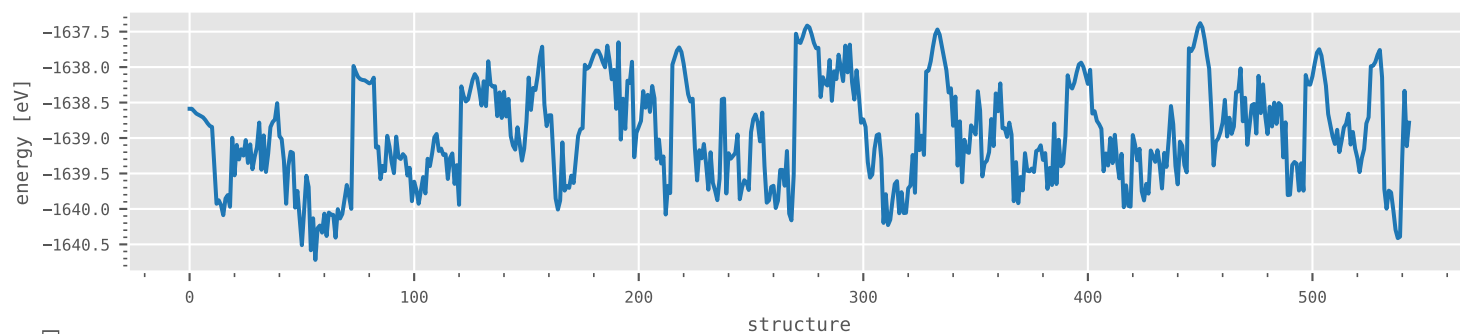
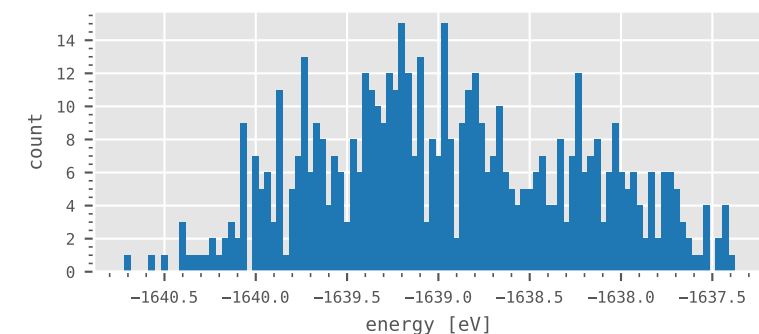
overview

energy	-1638.9 ± 0.72	eV
volume	1887.2 ± 32.39	ang ³
lattice vector a	12.4 ± 0.19	ang
lattice vector b	12.4 ± 0.18	ang
lattice vector c	12.3 ± 0.13	ang
non-periodic radius	5.9 (min. for group)	ang



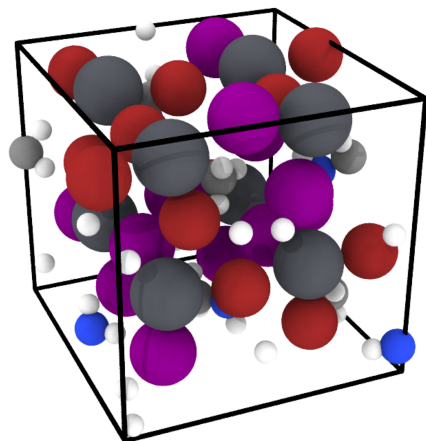
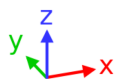
current structure group

name	MAPbBr3
structure group	2 (of 2 in file)
structures	544 (of 3267 in file)
atoms	Pb (8), I (12), Br (12), C (8), N (8), H (48) 96 total

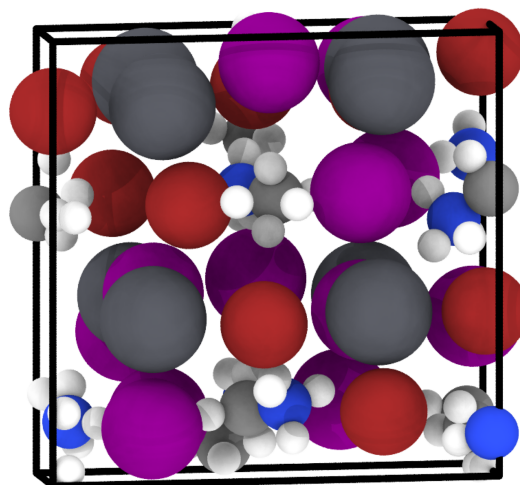


minimum energy configuration (structure 57)

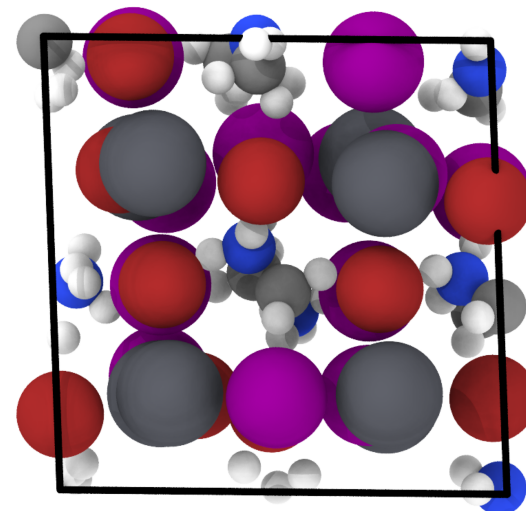
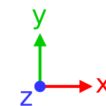
perspective



front

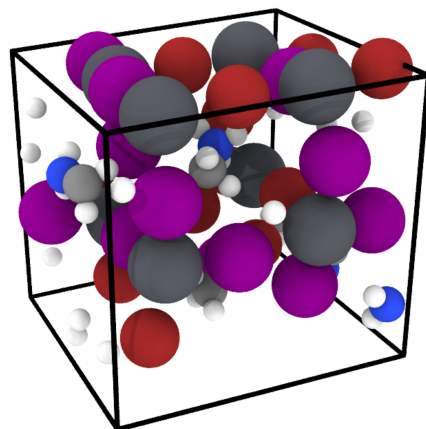


top

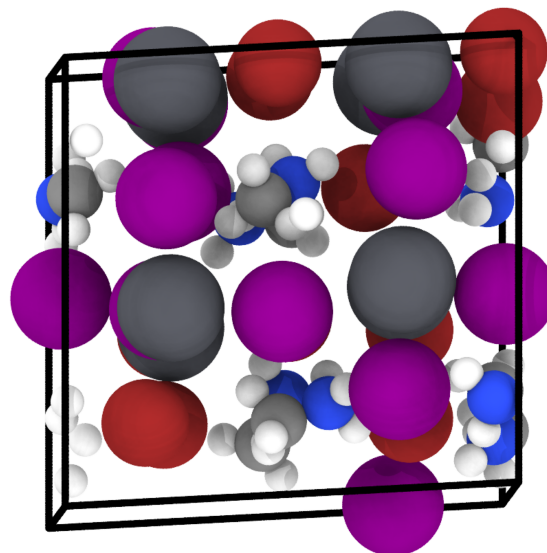


maximum energy configuration (structure 451)

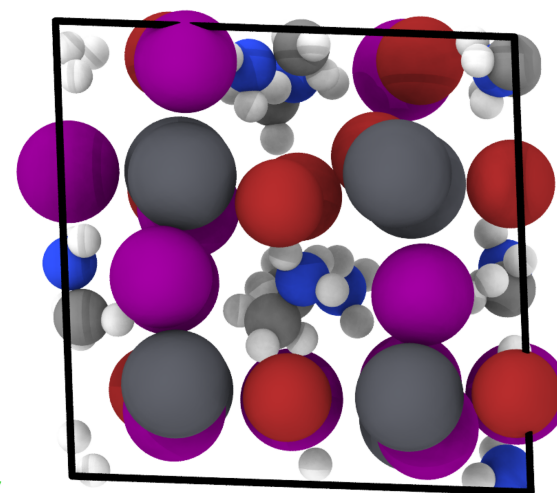
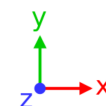
perspective



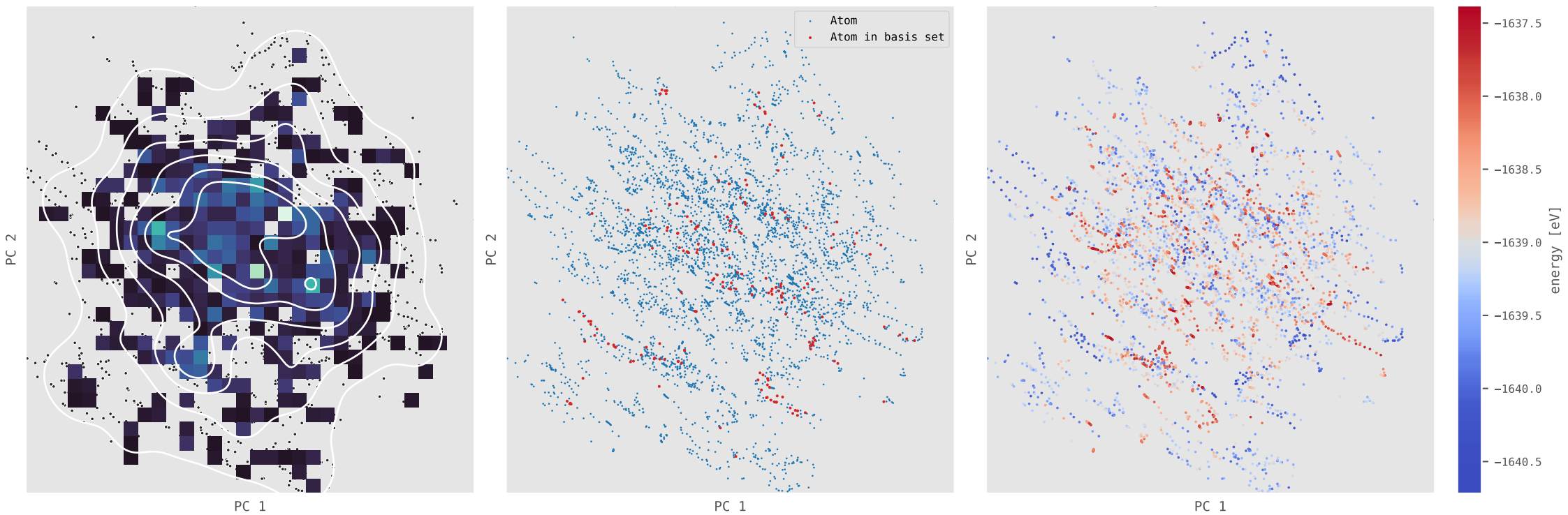
front



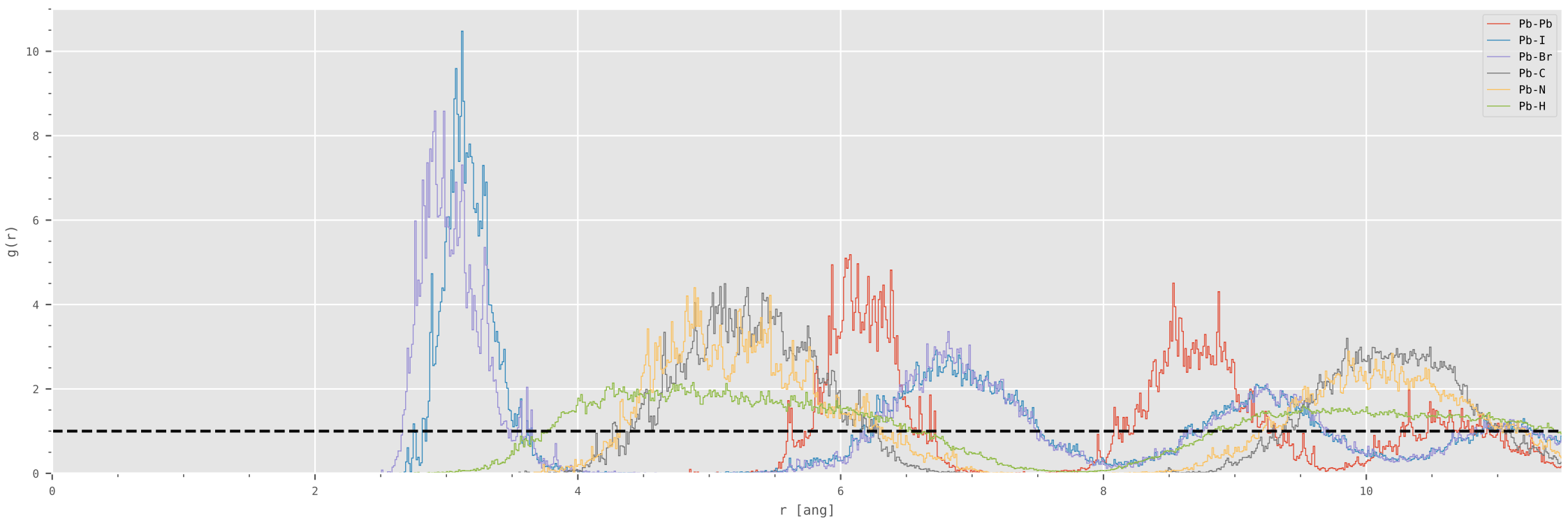
top



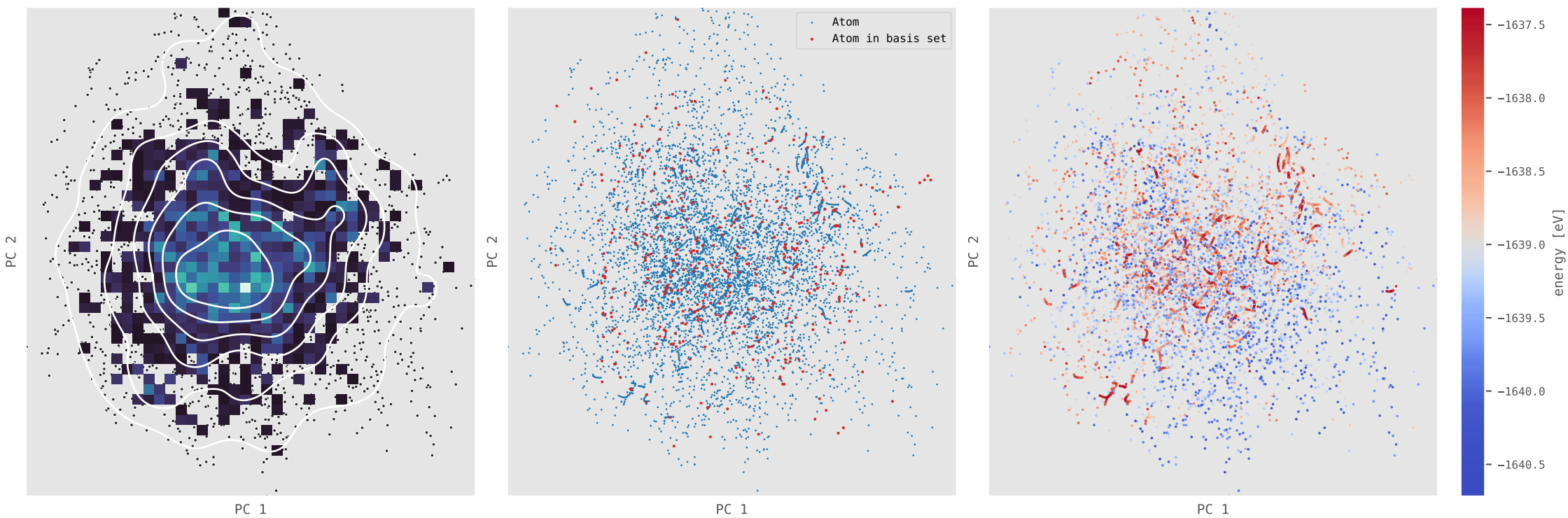
principal component analysis of descriptors (Pb)



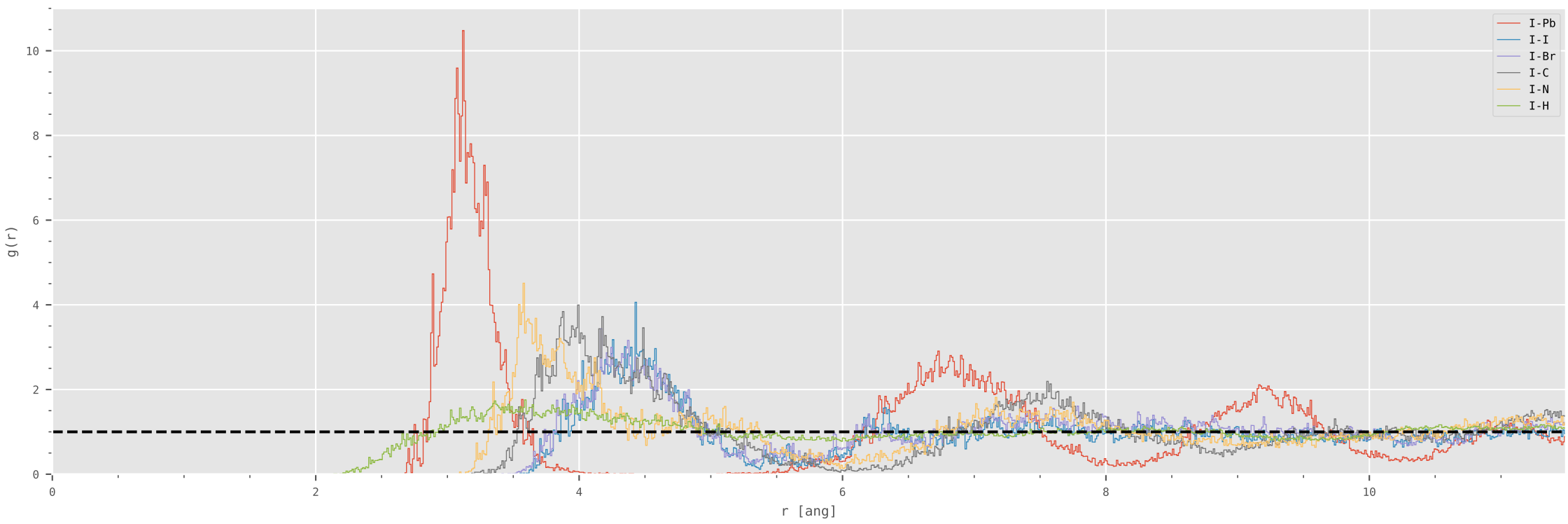
radial distribution functions (Pb)



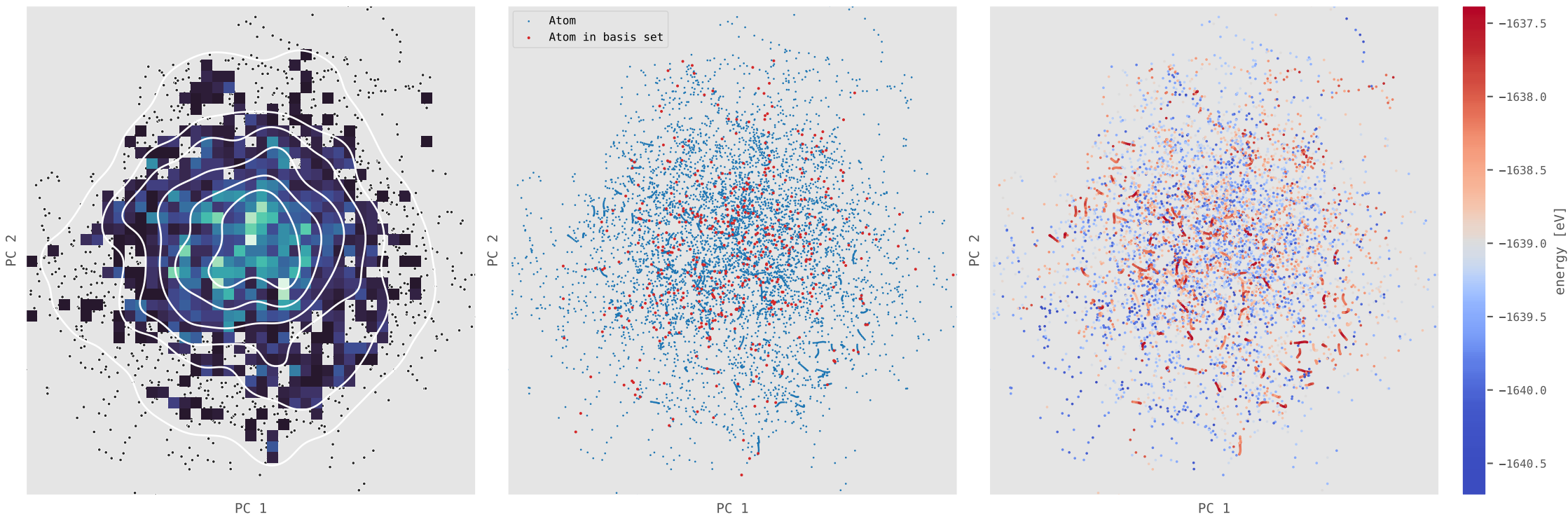
principal component analysis of descriptors (I)



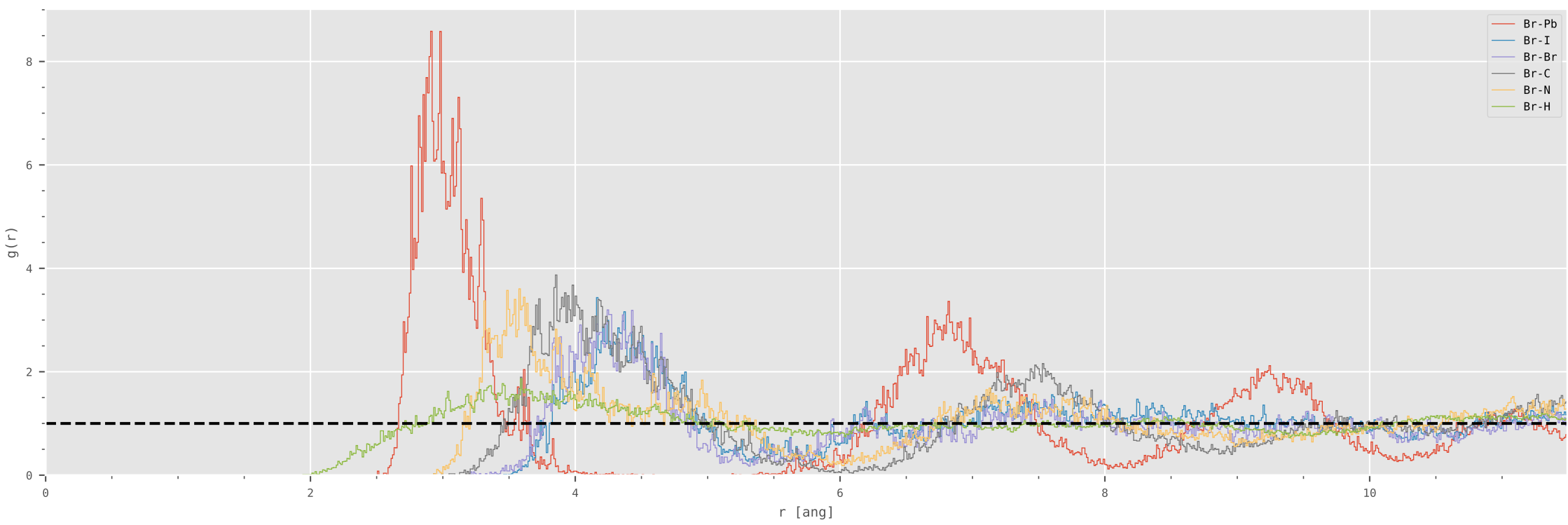
radial distribution functions (I)



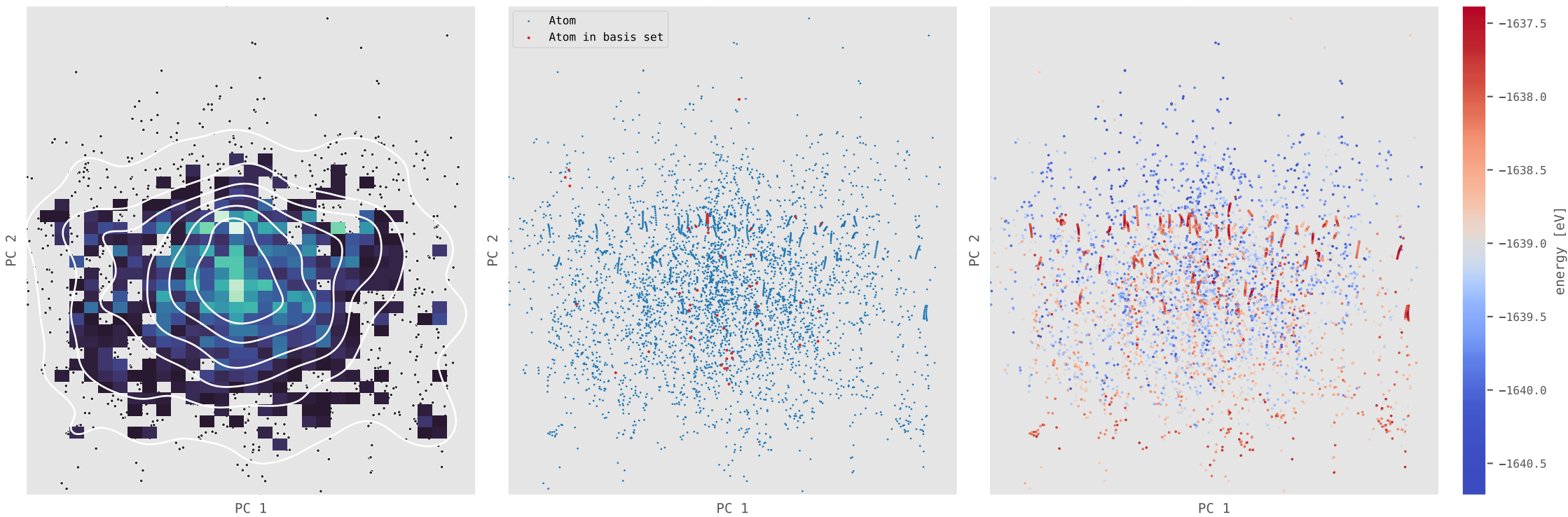
principal component analysis of descriptors (Br)



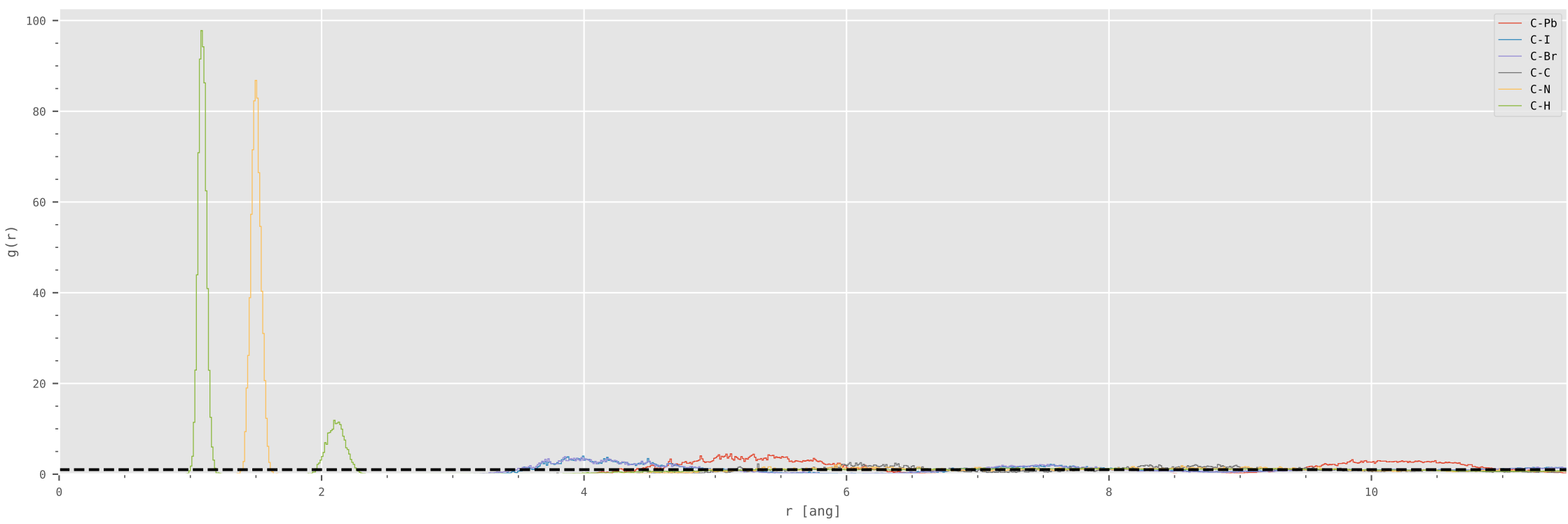
radial distribution functions (Br)



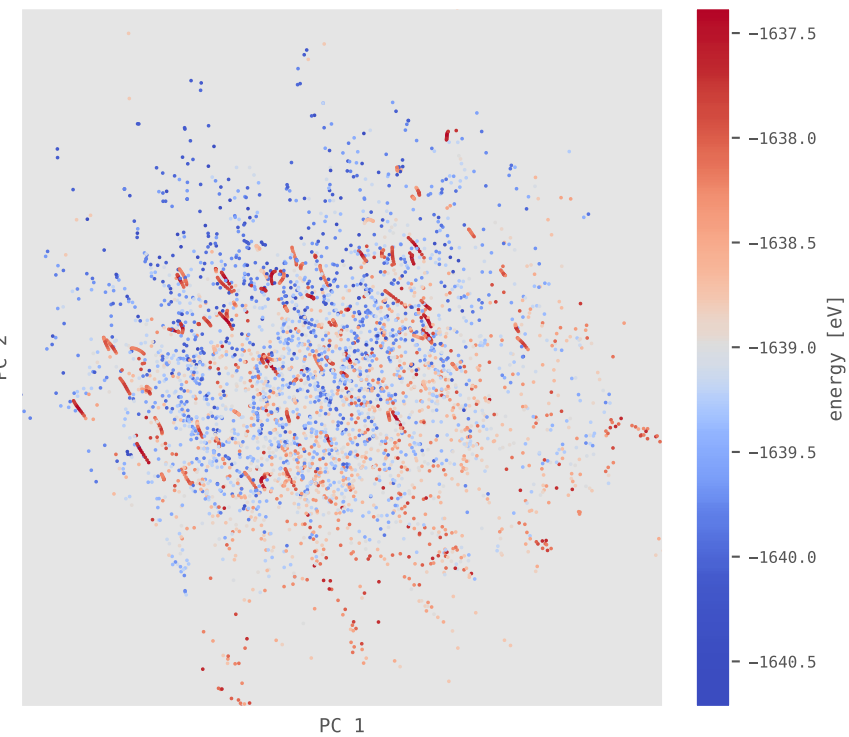
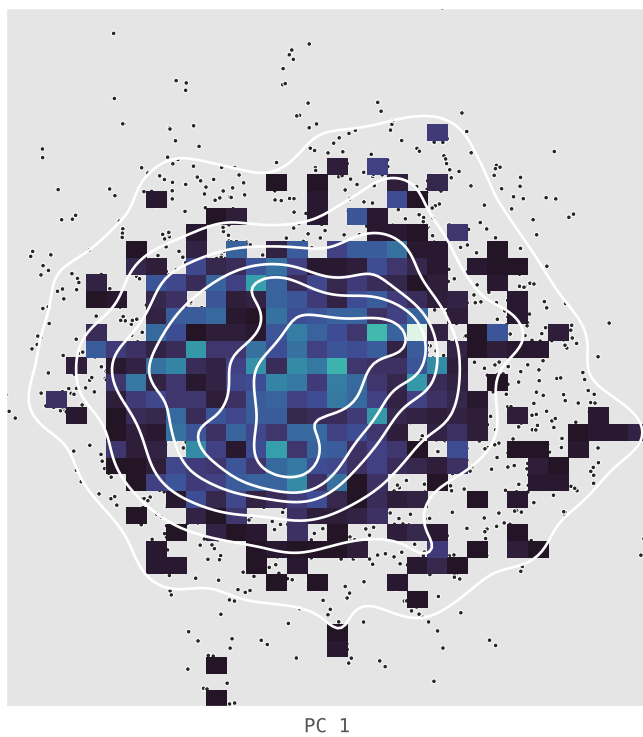
principal component analysis of descriptors (C)



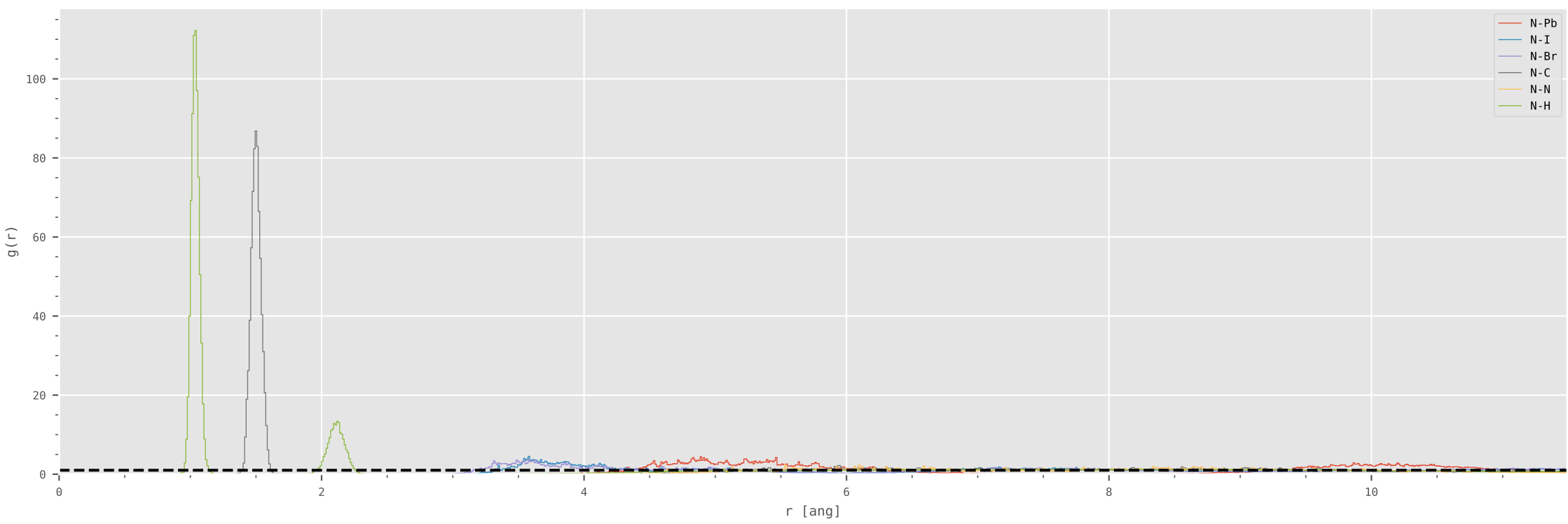
radial distribution functions (C)



principal component analysis of descriptors (N)



radial distribution functions (N)



principal component analysis of descriptors (H)



radial distribution functions (H)

