

# [1/1] ML\_ABN (LaMnO3:)

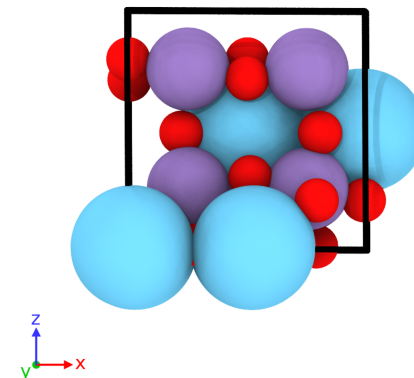
## file

name	ML_ABN
structure groups	1
total structures	842

## overview

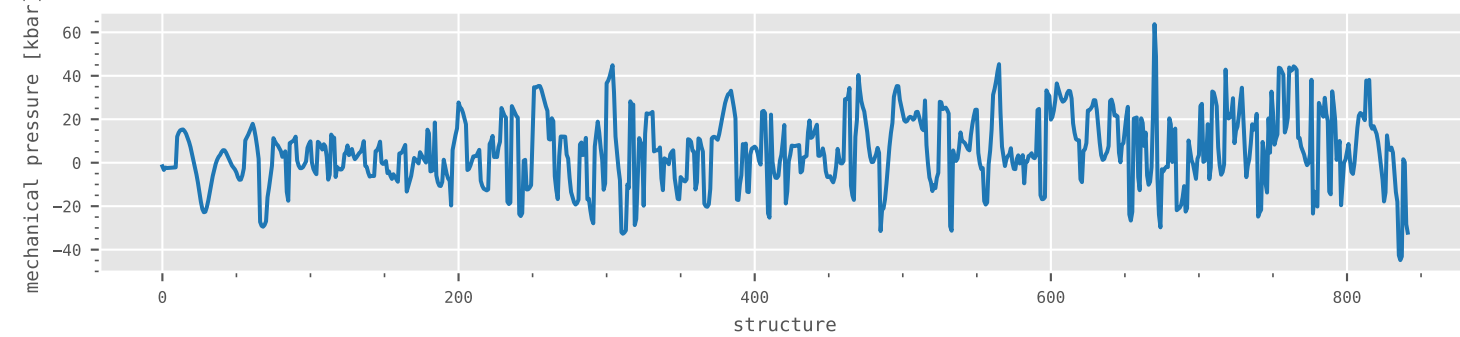
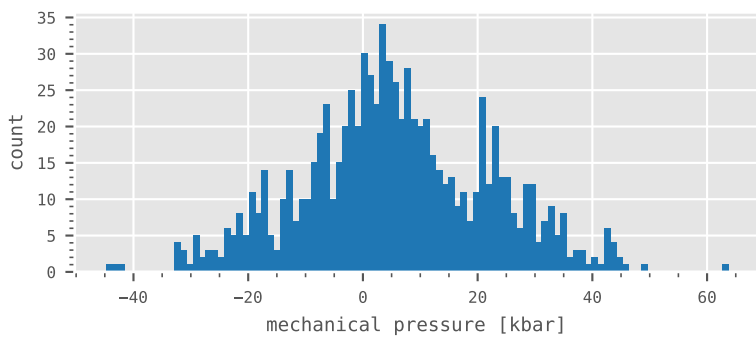
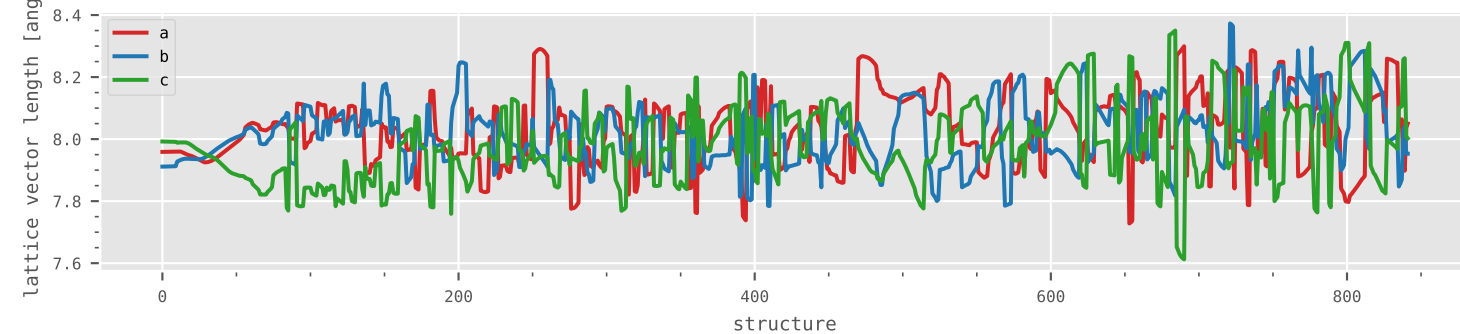
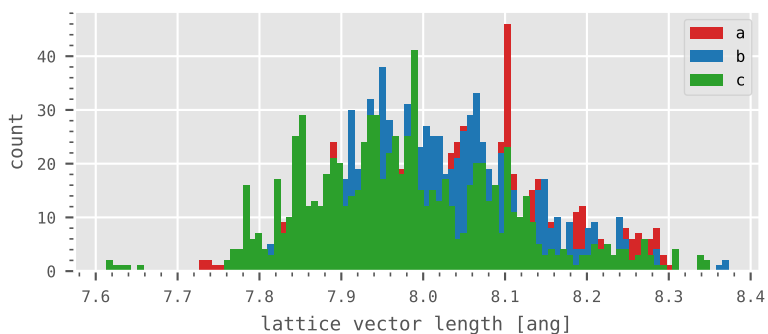
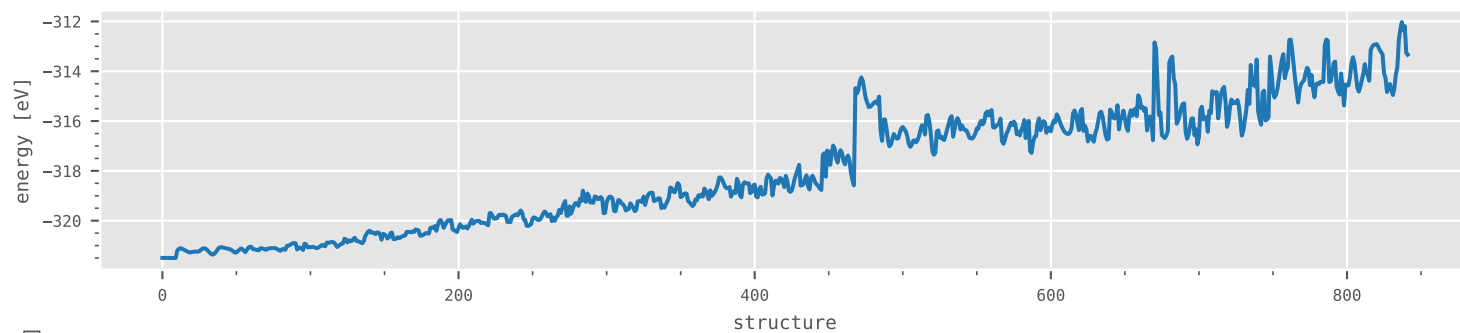
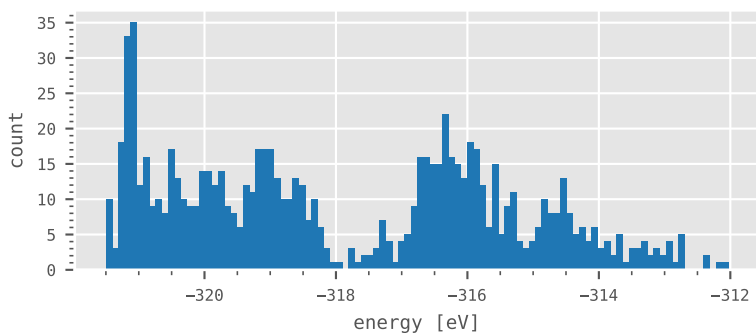
energy	$-317.9 \pm 2.45$	eV
volume	$514.1 \pm 8.98$	ang <sup>3</sup>
lattice vector a	$8.0 \pm 0.12$	ang
lattice vector b	$8.0 \pm 0.10$	ang
lattice vector c	$8.0 \pm 0.12$	ang
non-periodic radius	3.8 (min. for group)	ang

min energy configuration



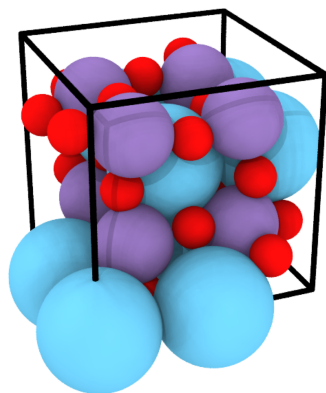
## current structure group

name	LaMnO3:
structure group	1 (of 1 in file)
structures	842 (of 842 in file)
atoms	La (8), Mn (8), O (24) 40 total

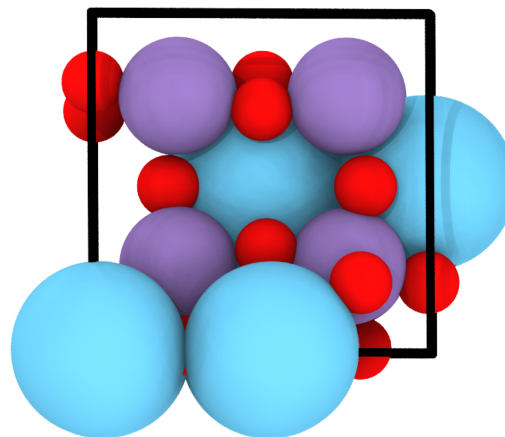


minimum energy configuration (structure 10)

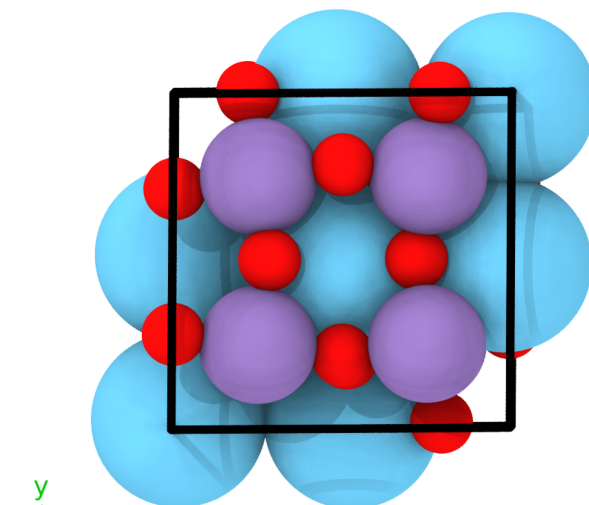
perspective



front

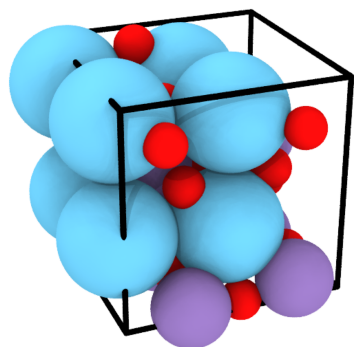


top

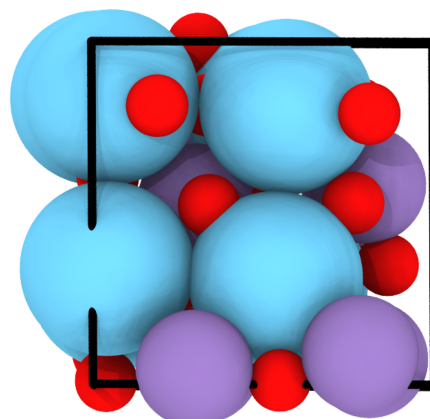


maximum energy configuration (structure 838)

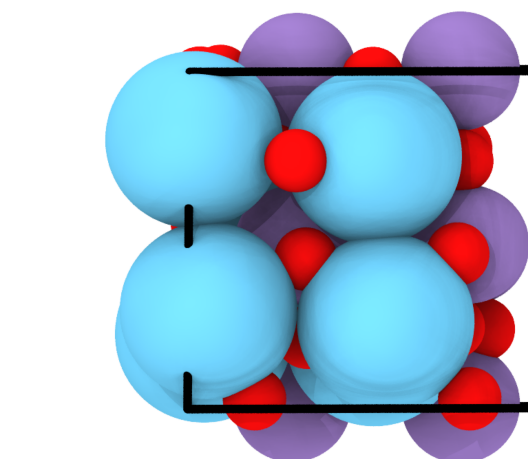
perspective



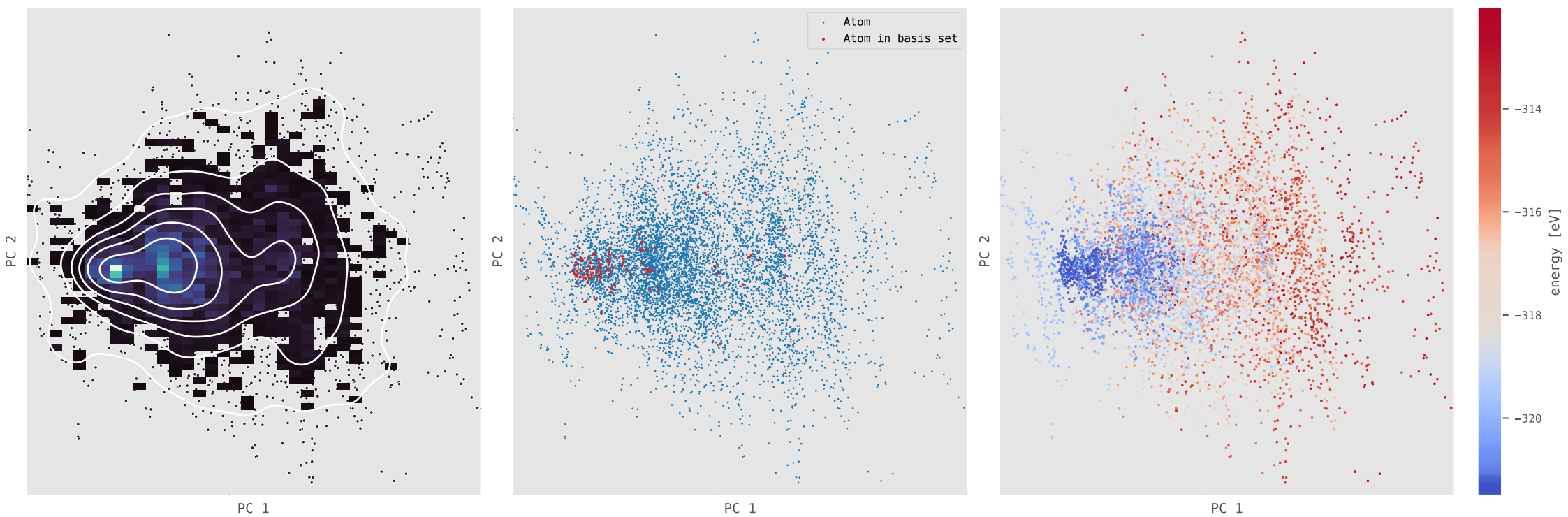
front



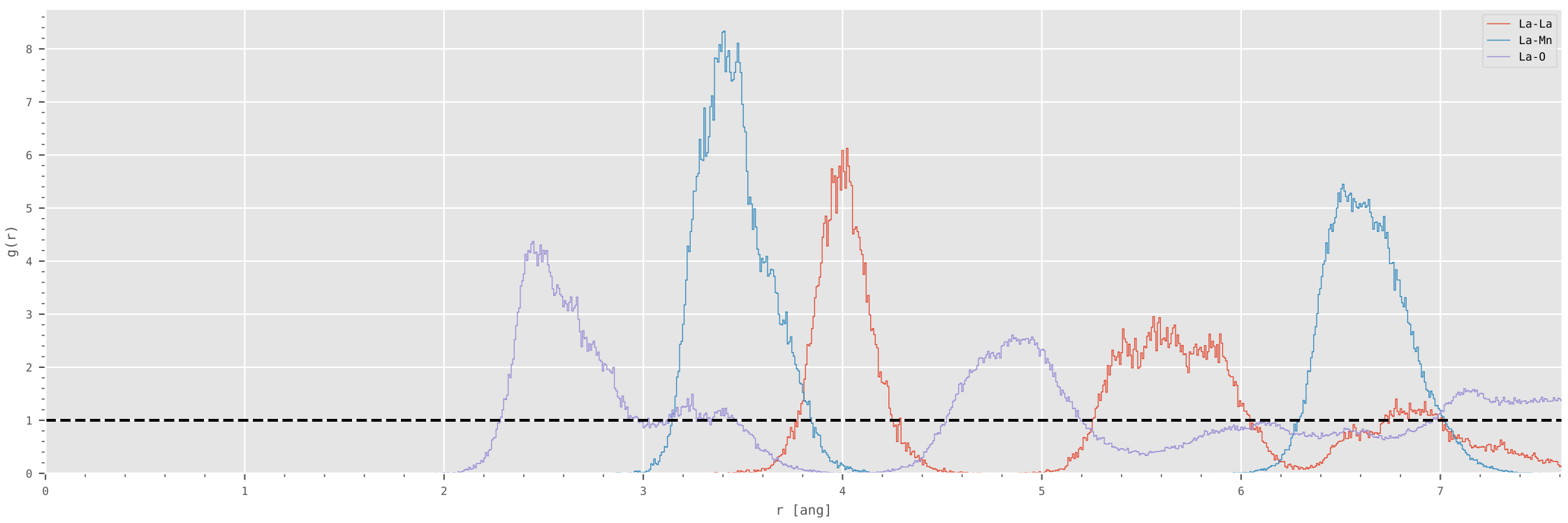
top



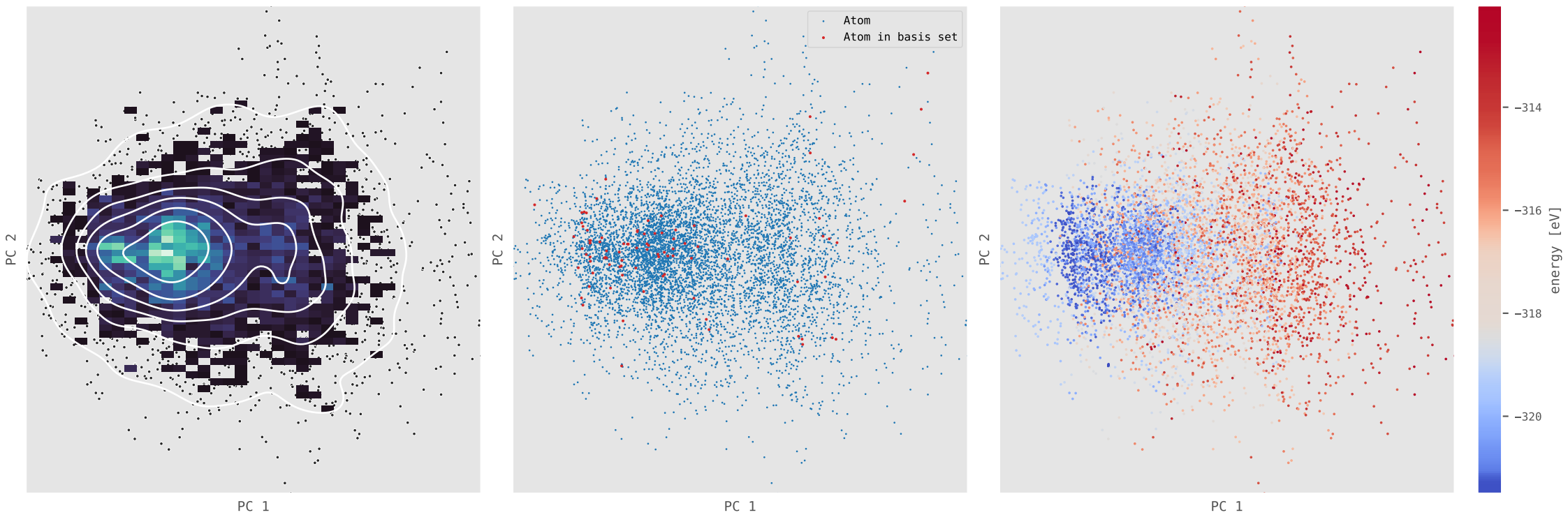
principal component analysis of descriptors (La)



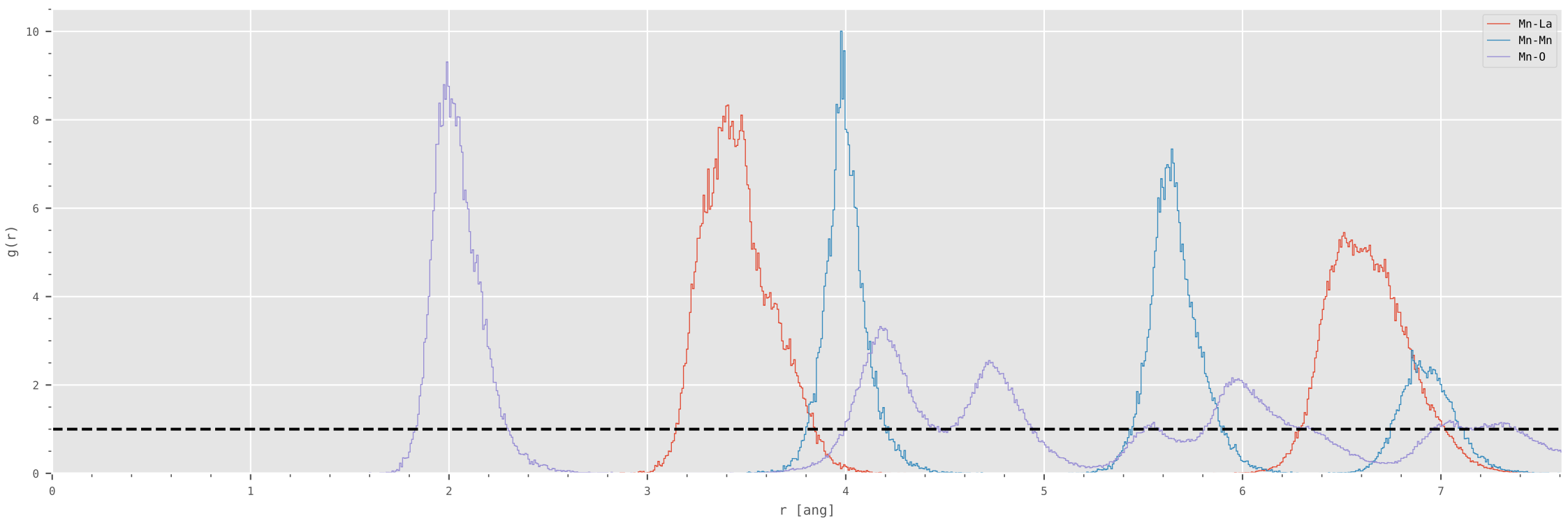
radial distribution functions (La)



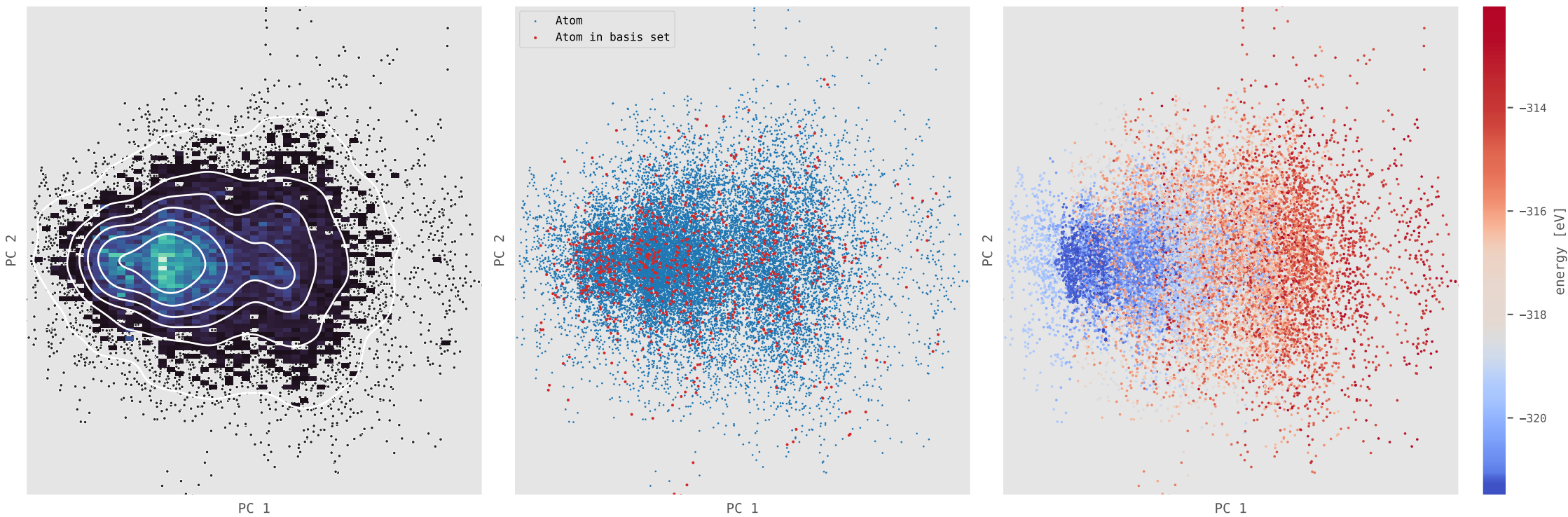
principal component analysis of descriptors (Mn)



radial distribution functions (Mn)



principal component analysis of descriptors (0)



radial distribution functions (0)

