

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

## file

name	ML_ABN
structure groups	1
total structures	750

## overview

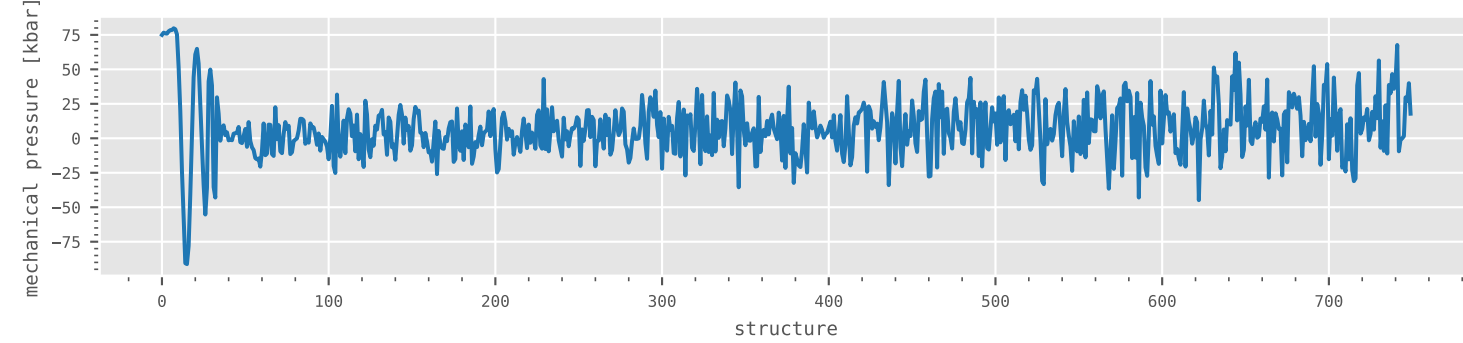
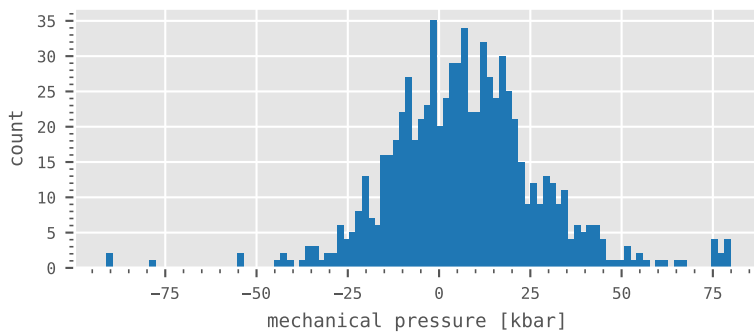
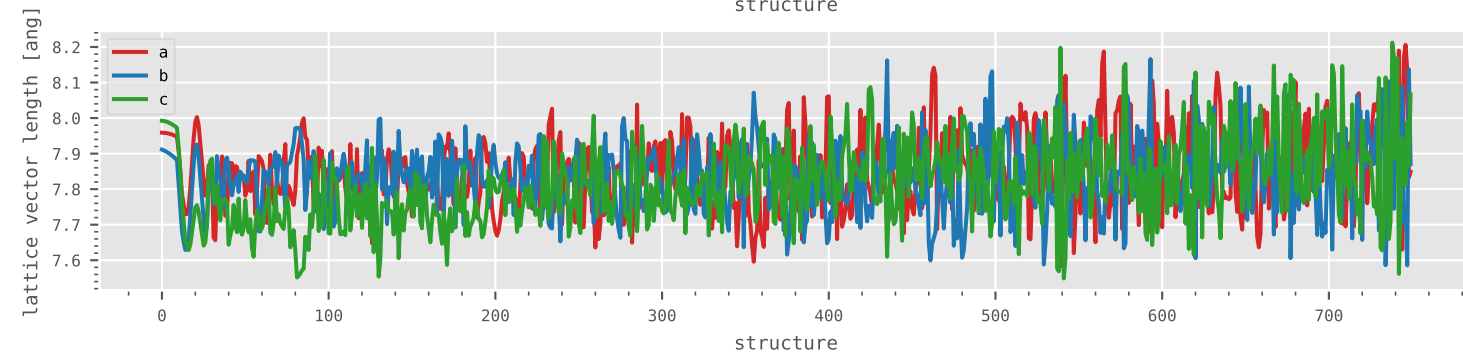
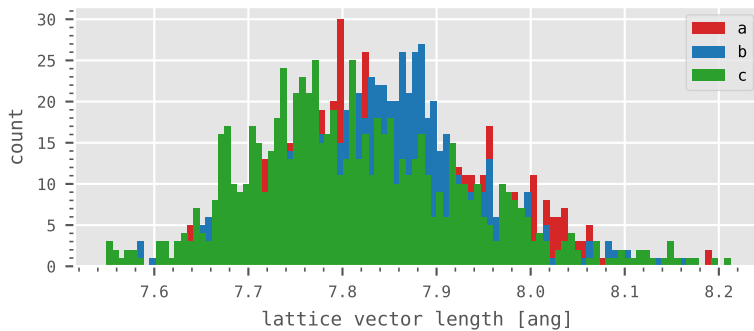
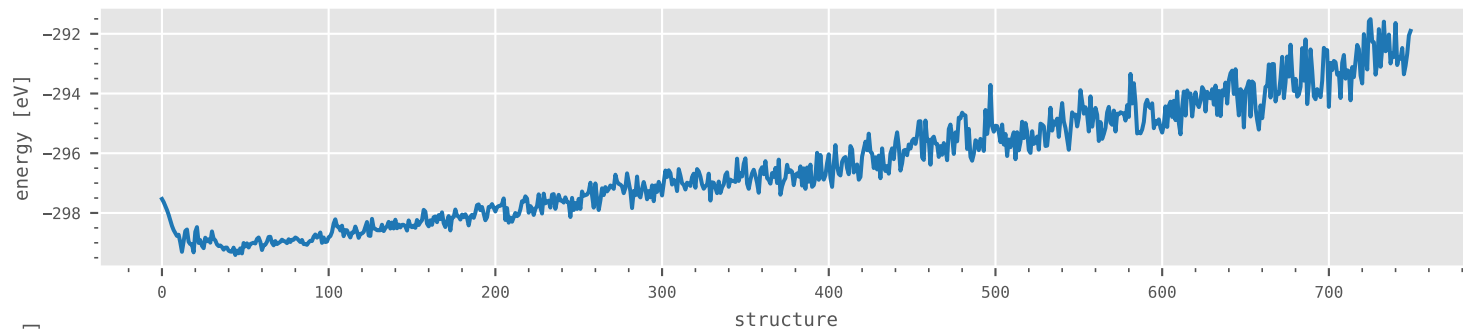
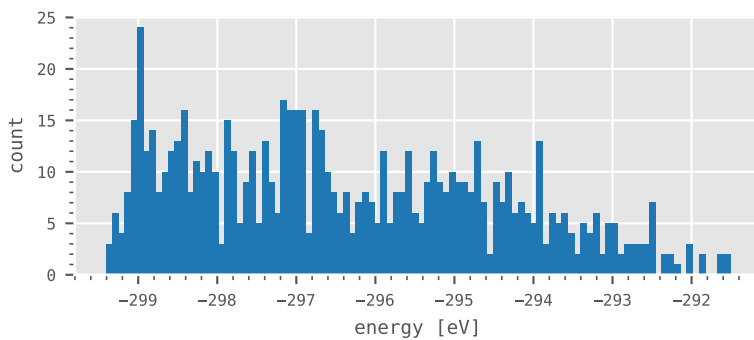
energy	$-296.4 \pm 1.93$	eV
volume	$480.7 \pm 8.33$	ang <sup>3</sup>
lattice vector a	$7.8 \pm 0.10$	ang
lattice vector b	$7.8 \pm 0.10$	ang
lattice vector c	$7.8 \pm 0.12$	ang
non-periodic radius	3.8 (min. for group)	ang

min energy configuration



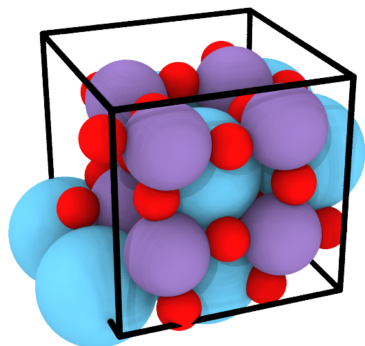
## current structure group

name	LaMnO3:
structure group	1 (of 1 in file)
structures	750 (of 750 in file)
atoms	La (8), Mn (8), O (24) 40 total

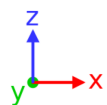
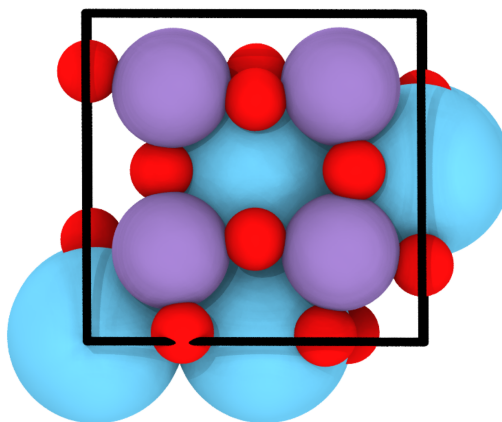


minimum energy configuration (structure 45)

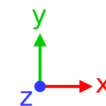
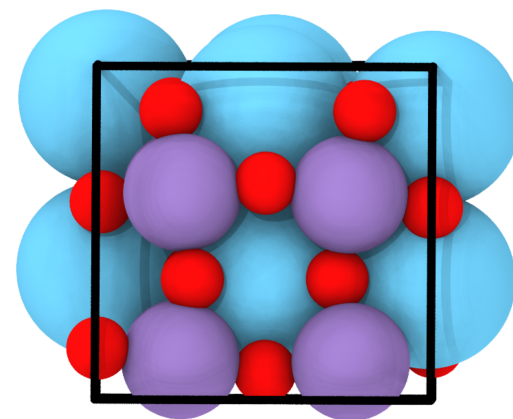
perspective



front

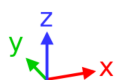
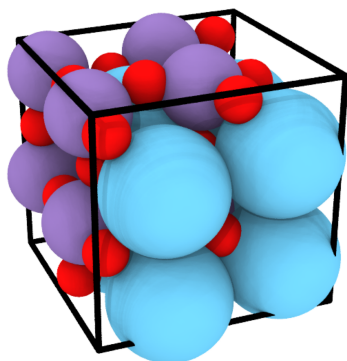


top

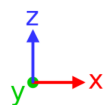
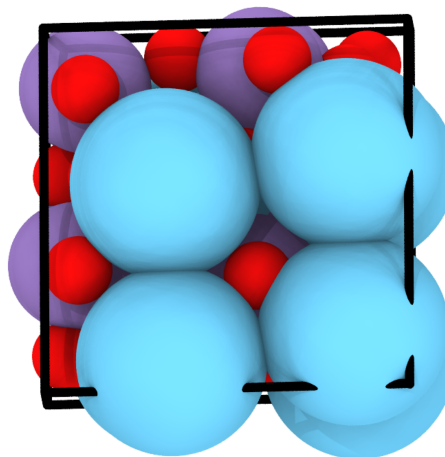


maximum energy configuration (structure 726)

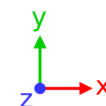
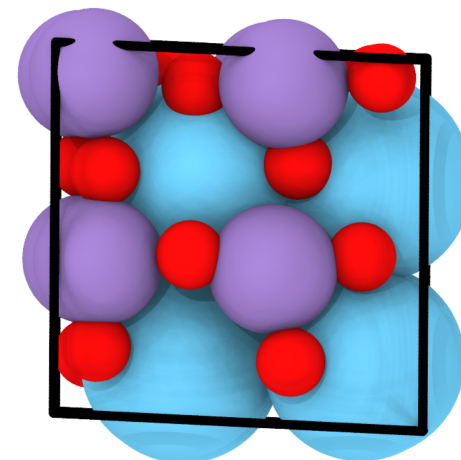
perspective



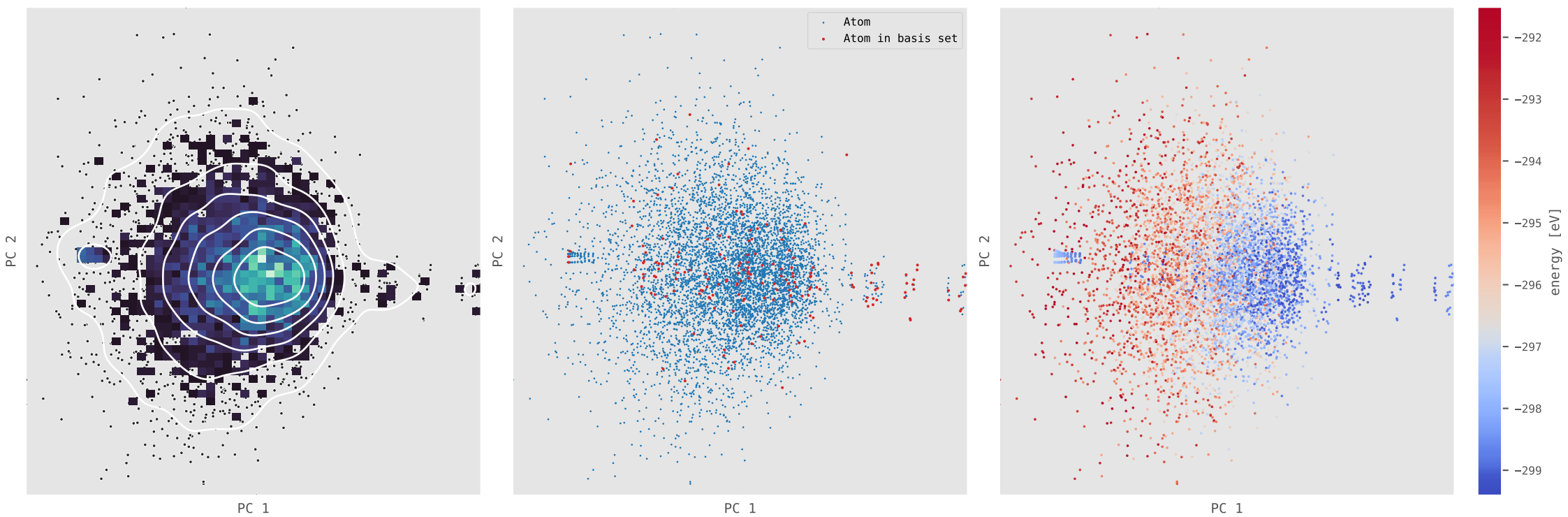
front



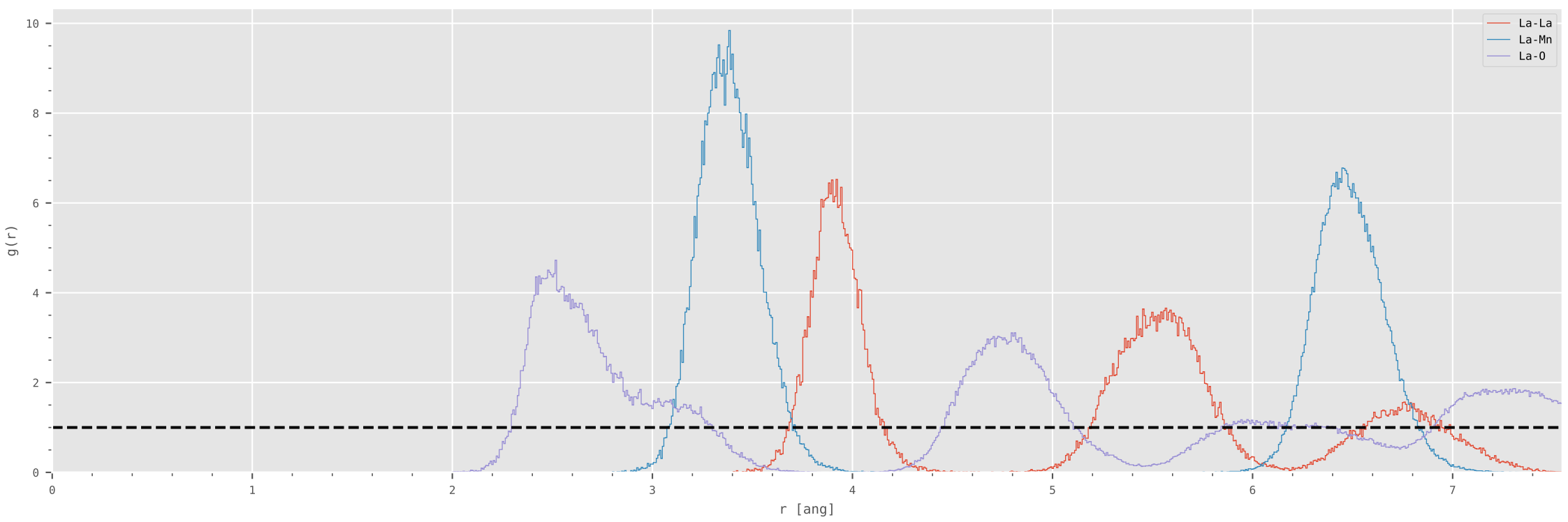
top



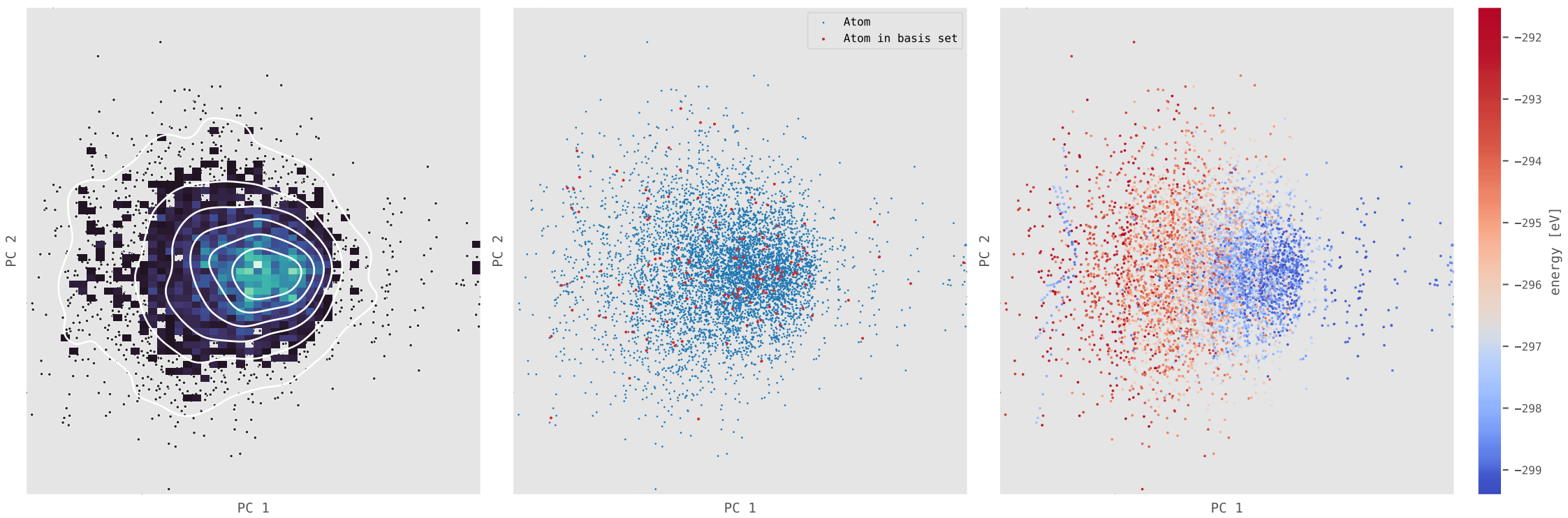
principal component analysis of descriptors (La)



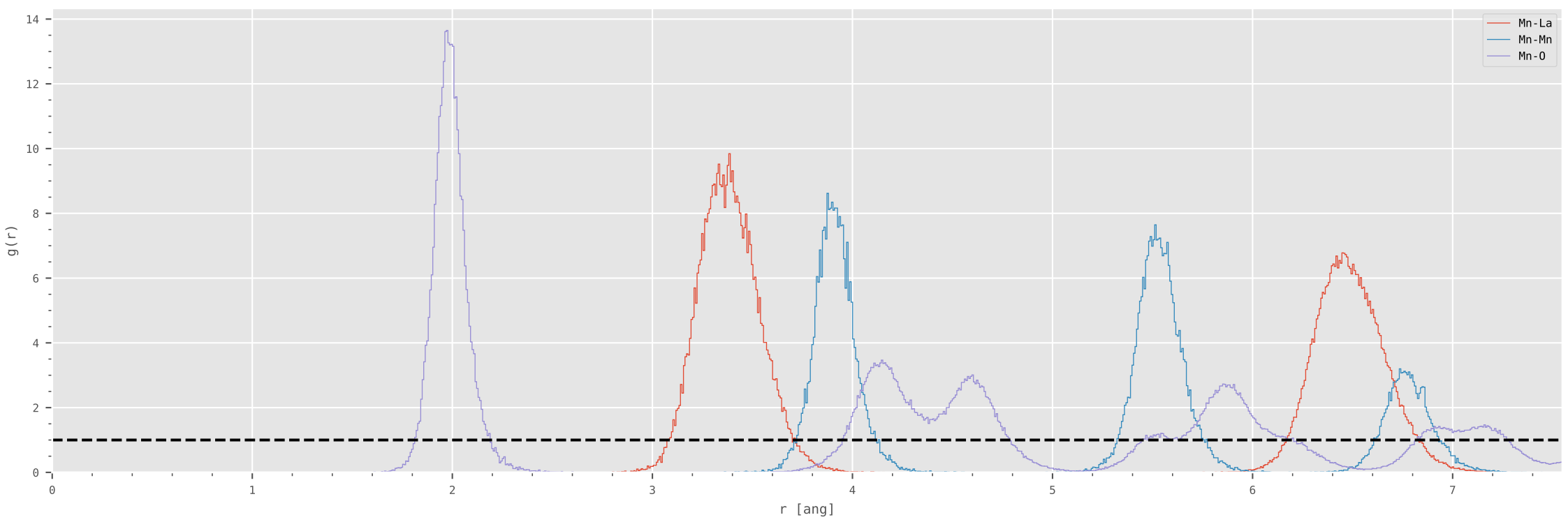
radial distribution functions (La)



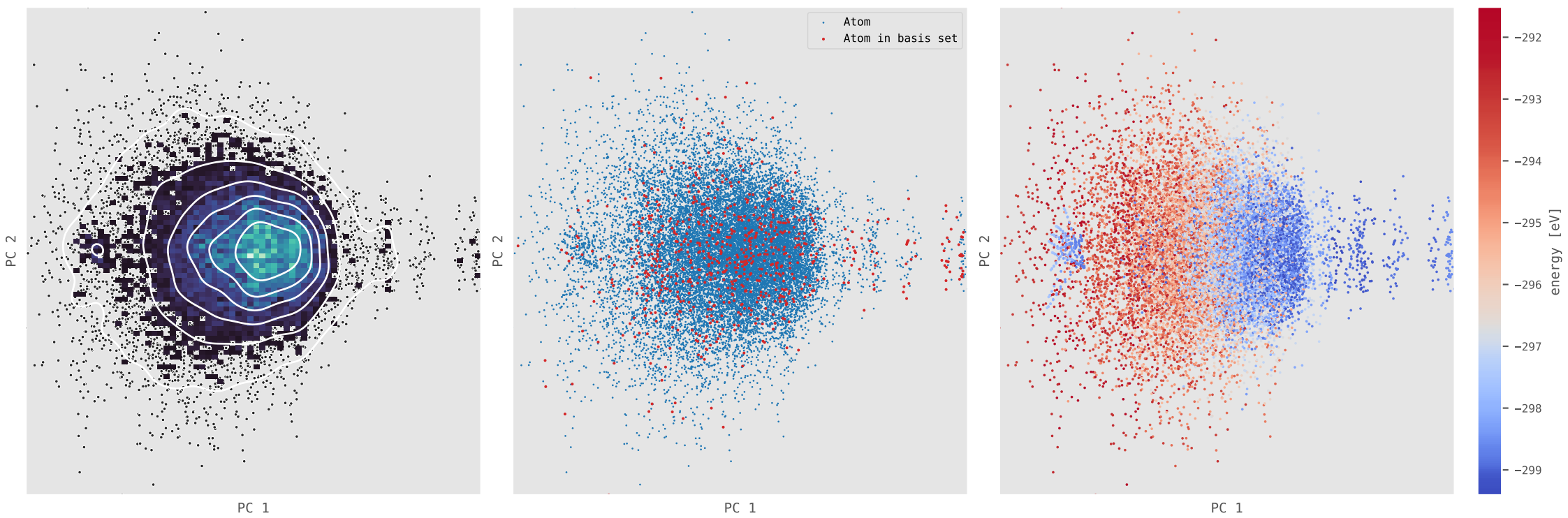
principal component analysis of descriptors (Mn)



radial distribution functions (Mn)



principal component analysis of descriptors (0)



radial distribution functions (0)

