

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

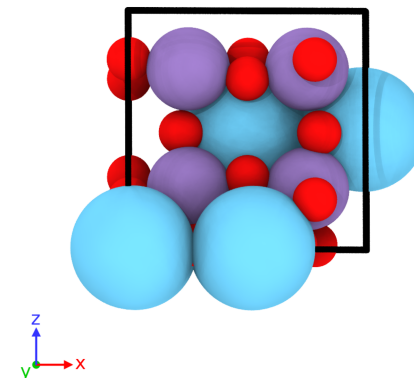
## file

name	ML_ABN
structure groups	1
total structures	790

## overview

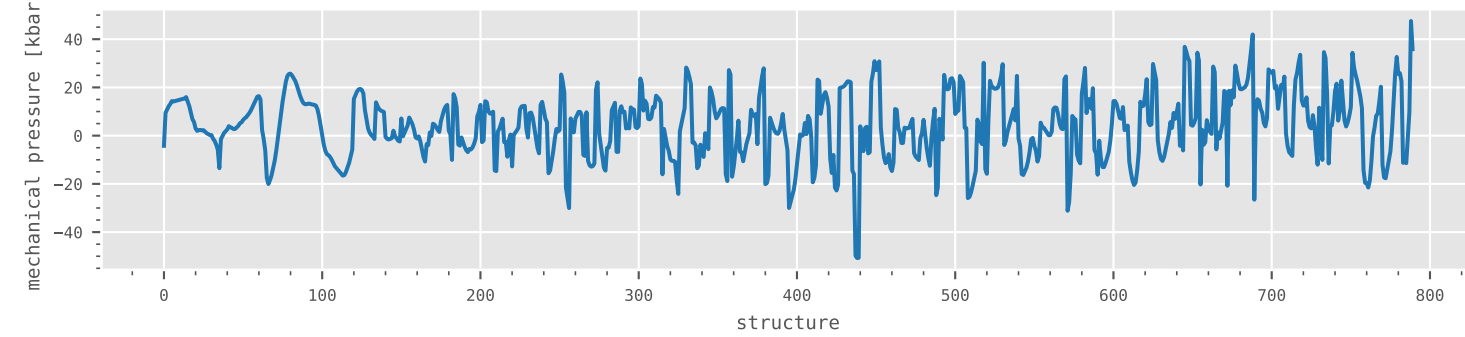
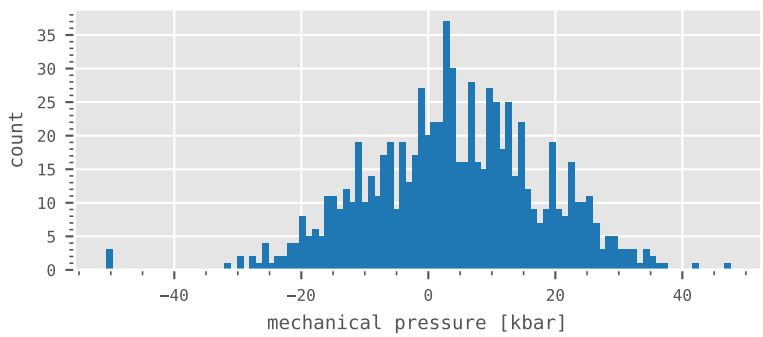
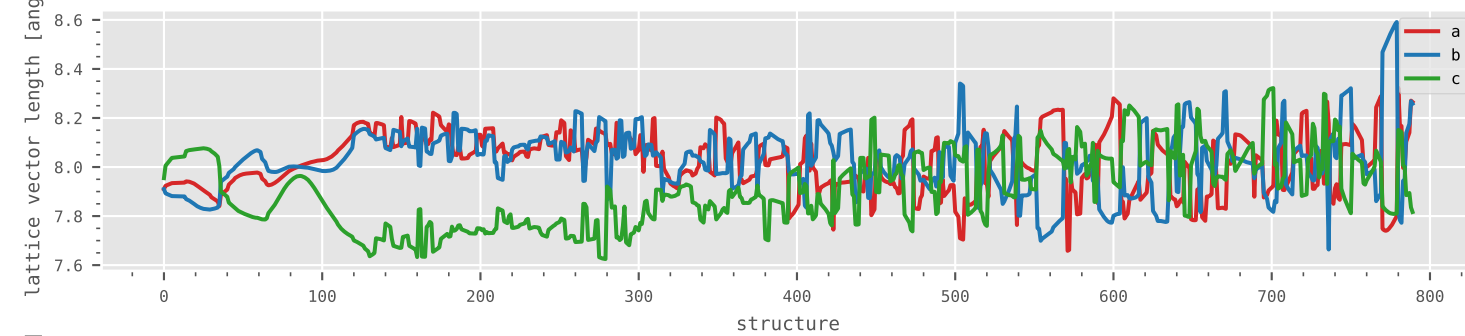
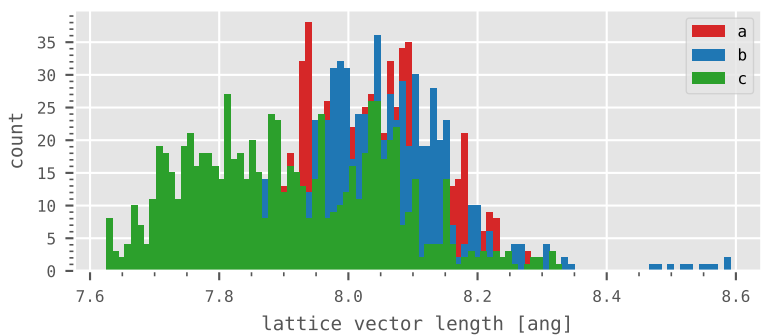
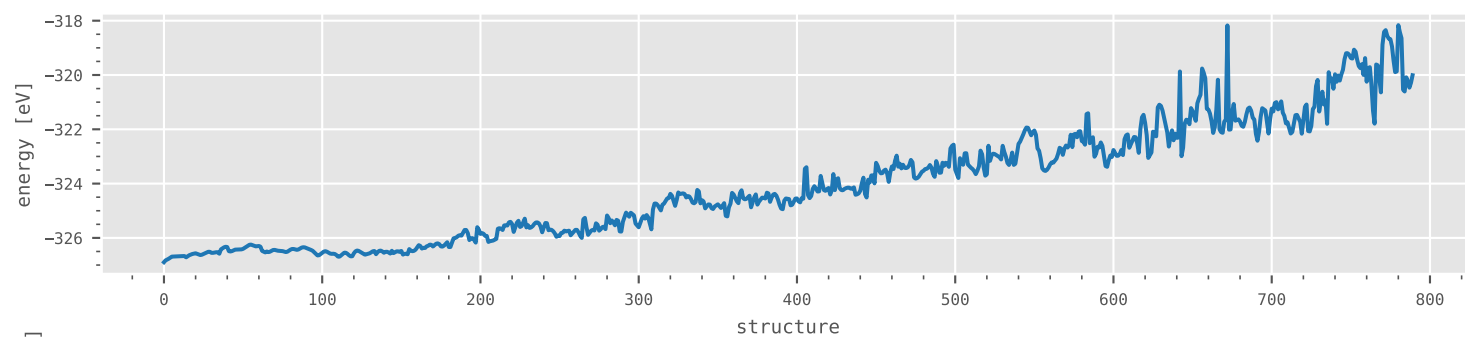
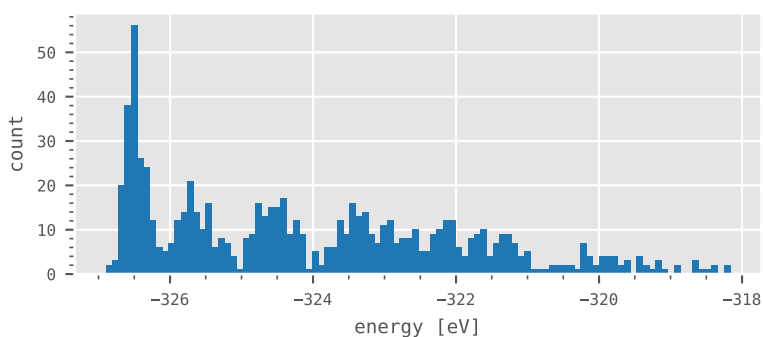
energy	$-324.0 \pm 2.12$	eV
volume	$508.8 \pm 7.25$	ang <sup>3</sup>
lattice vector a	$8.0 \pm 0.12$	ang
lattice vector b	$8.0 \pm 0.13$	ang
lattice vector c	$7.9 \pm 0.15$	ang
non-periodic radius	3.8 (min. for group)	ang

min energy configuration



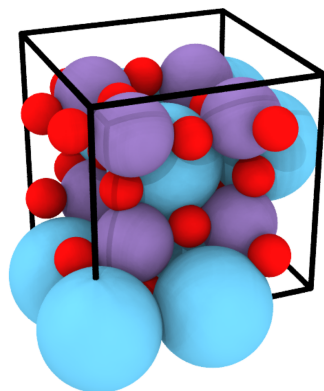
## current structure group

name	LaMnO3:
structure group	1 (of 1 in file)
structures	790 (of 790 in file)
atoms	La (8), Mn (8), O (24) 40 total

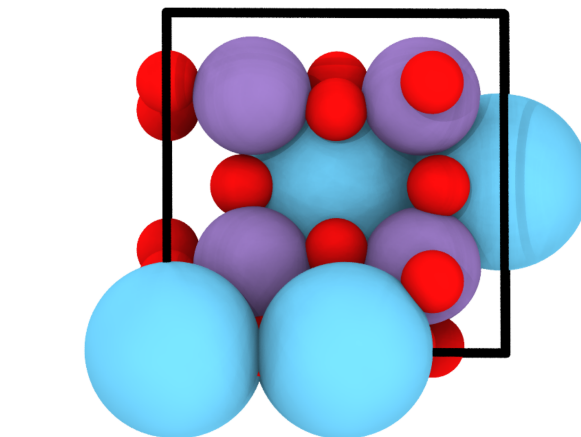


minimum energy configuration (structure 1)

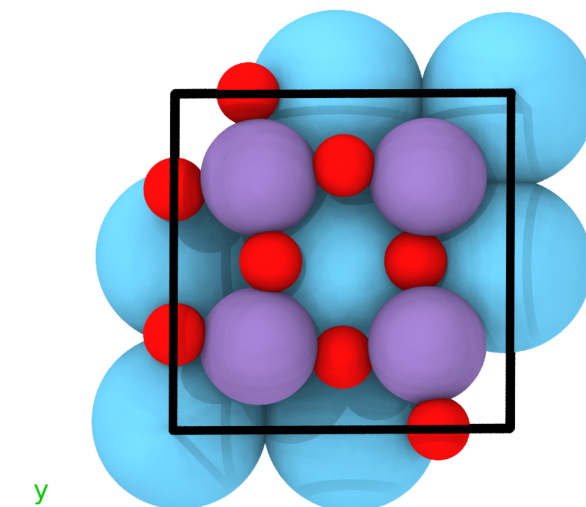
perspective



front

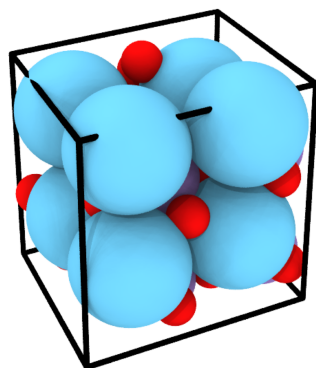


top

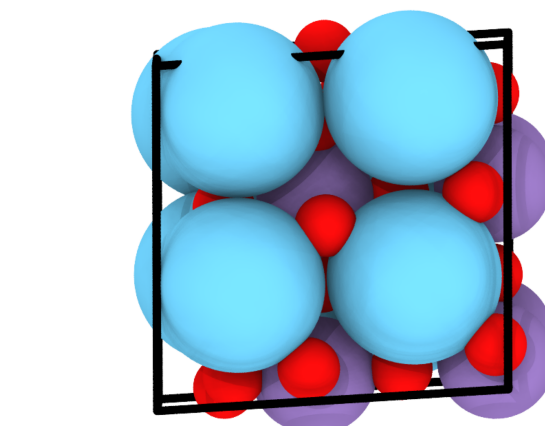


maximum energy configuration (structure 781)

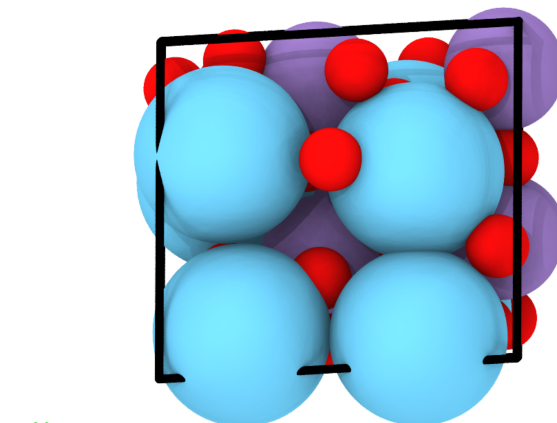
perspective



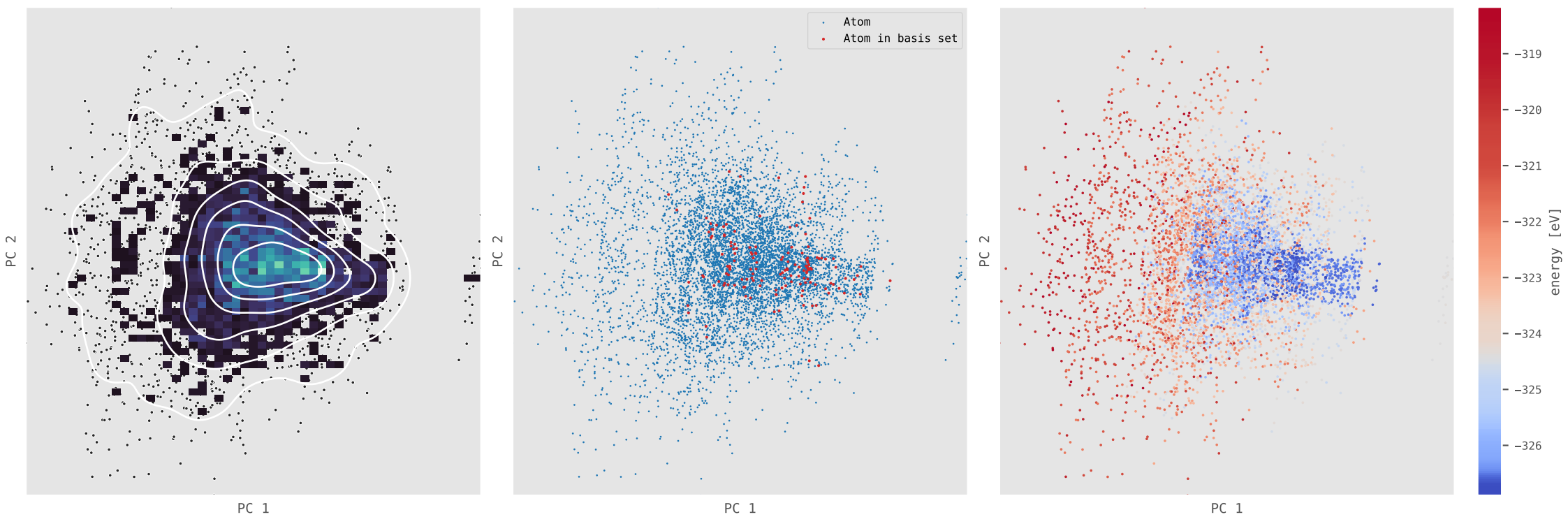
front



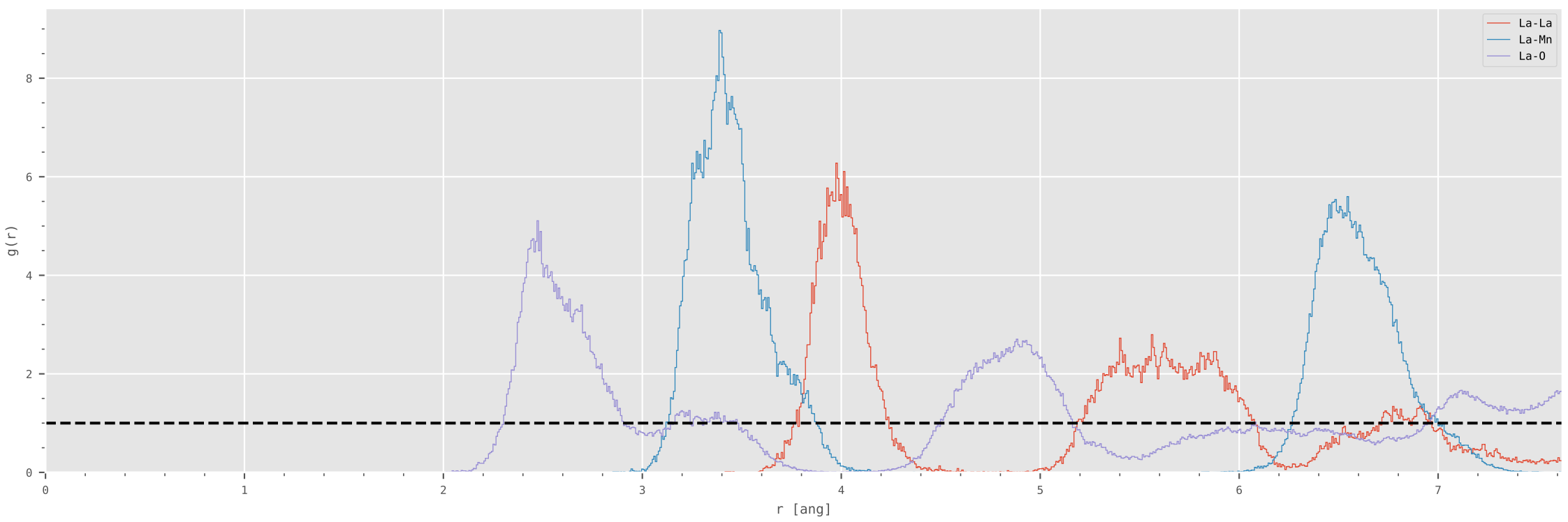
top



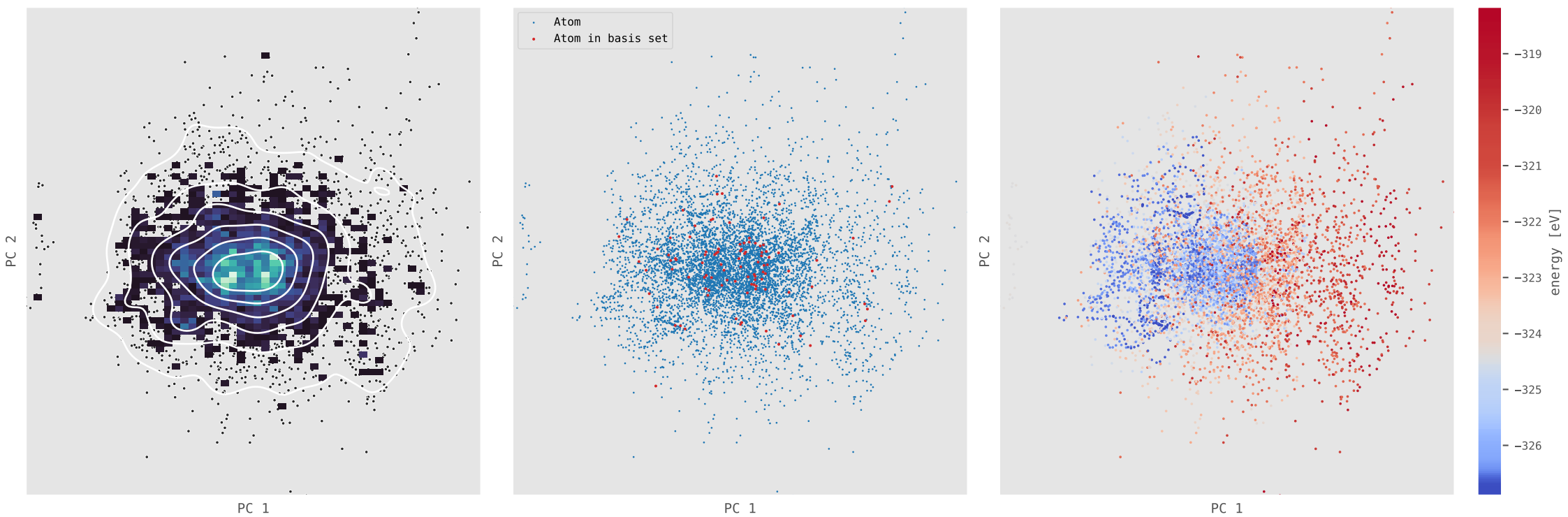
principal component analysis of descriptors (La)



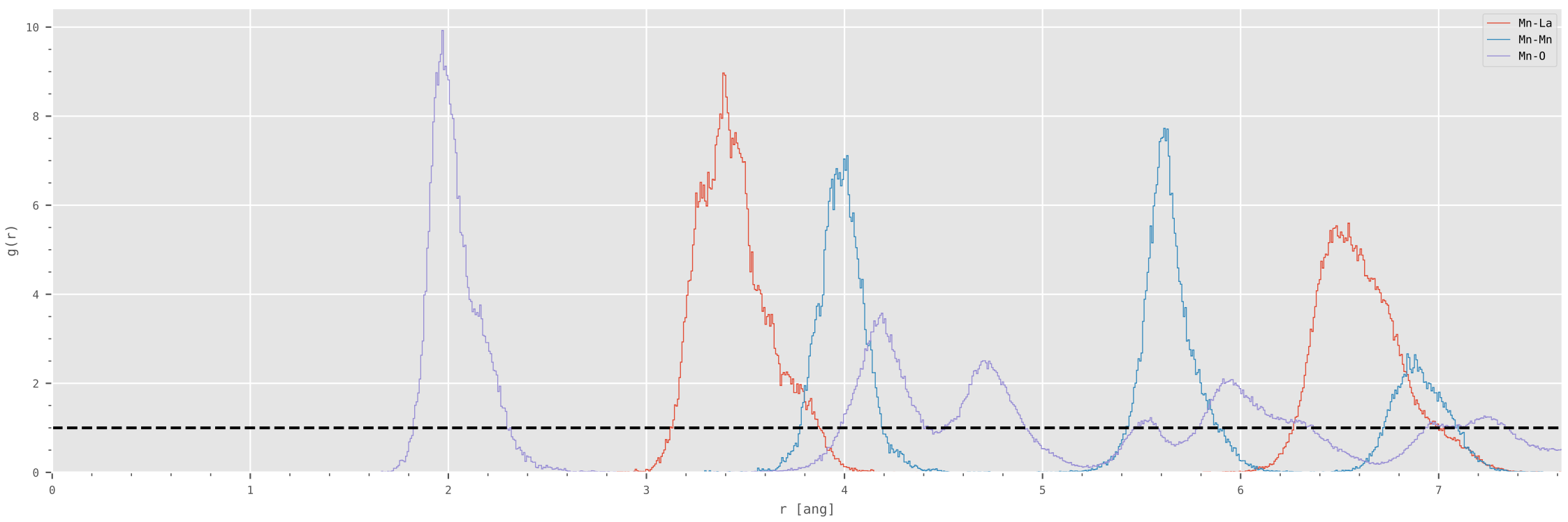
radial distribution functions (La)



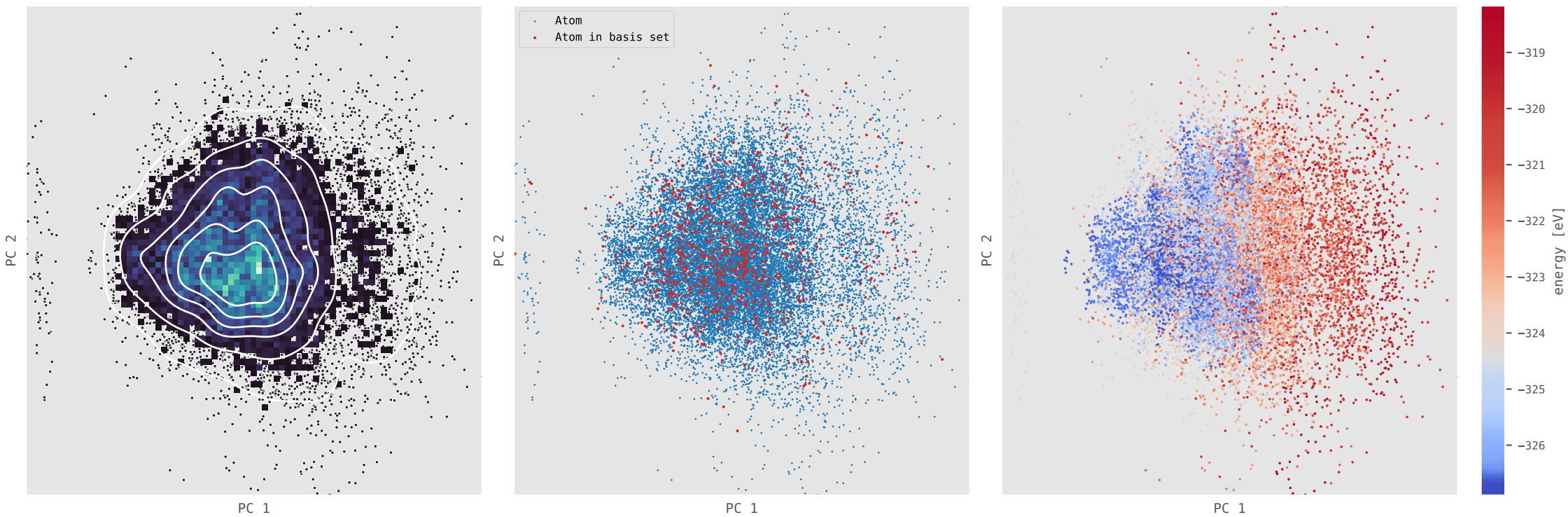
# principal component analysis of descriptors (Mn)



## radial distribution functions (Mn)



principal component analysis of descriptors (0)



radial distribution functions (0)

