

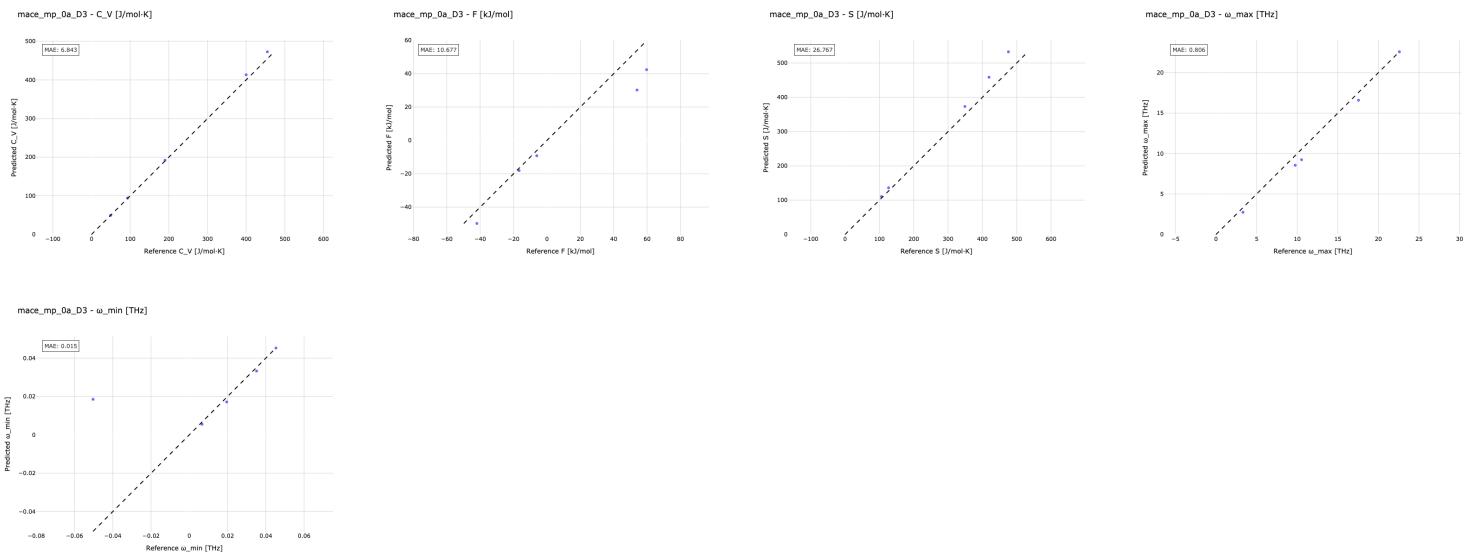
# Phonon Dispersion Report

## Phonon MAE Summary Table (300K)

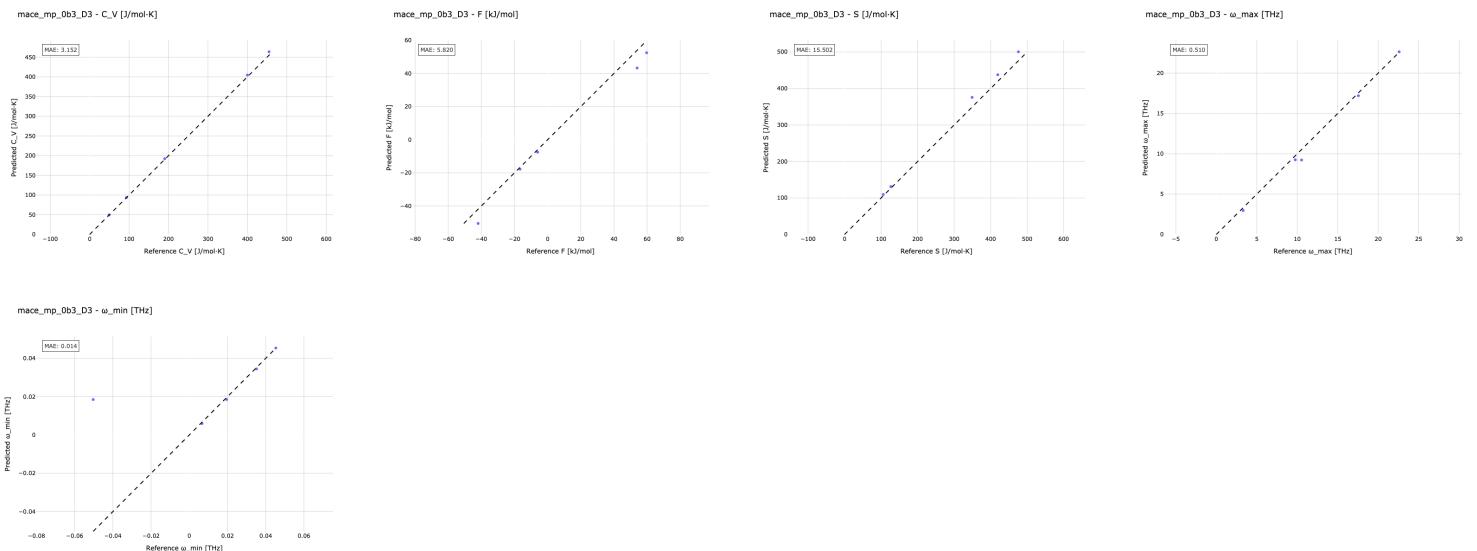
Model	$\omega_{max}$ [THz]	$\omega_{min}$ [THz]	Avg BZ MAE	S [J/mol · K]	F [kJ/mol]	C_V [J/mol · K]	Stability Classification (F1)	Phonon Score ↓	Rank
mace_mp_0a_D3	0.806	0.015	0.598	26.767	10.677	6.843	0.889	1	5
mace_mp_0b3_D3	0.51	0.014	0.329	15.502	5.82	3.152	0.889	0.672	4
mace_mpa_0_D3	0.484	0.003	0.271	9.783	4.058	3.049	0.889	0.492	3
mace_omat_0_D3	0.166	0.012	0.089	3.203	1.116	0.432	0.889	0.349	1
mace_matpes_PBE_1053D3	0.017	0.588	21.449	8.983	6.361	0.889	1.085	6	
mace_matpes_r2sca0.527D3	0.004	0.229	4.988	2.495	2.209	0.889	0.435	2	

## Scatter Plots

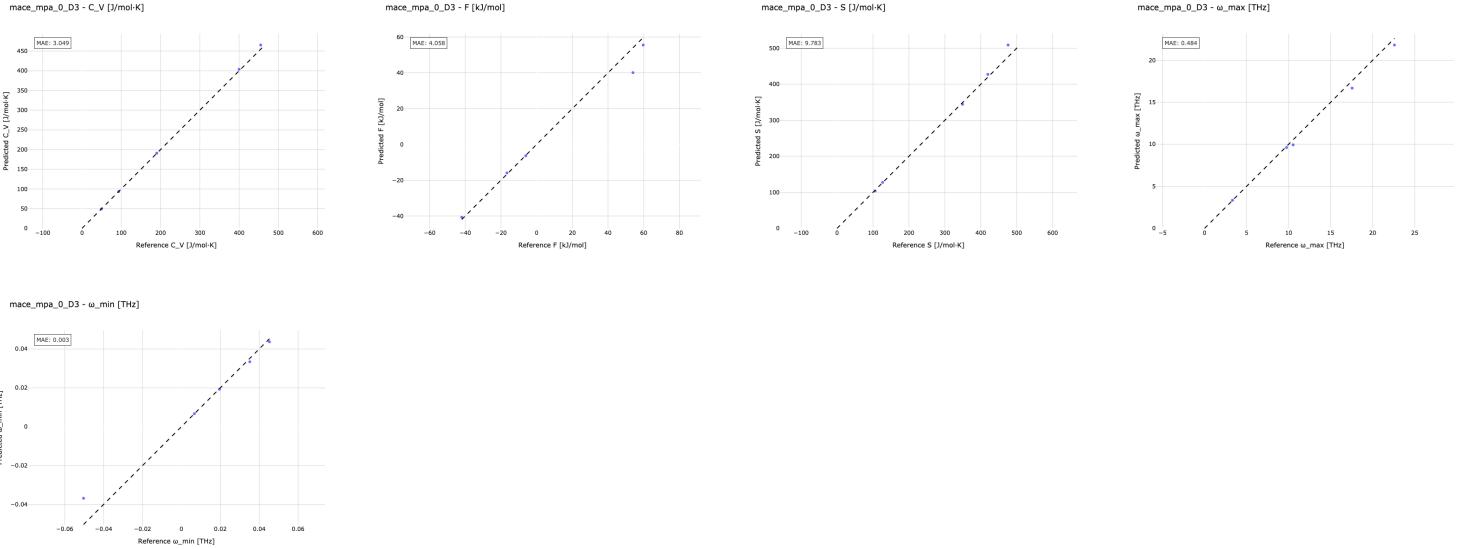
### mace\_mp\_0a\_D3



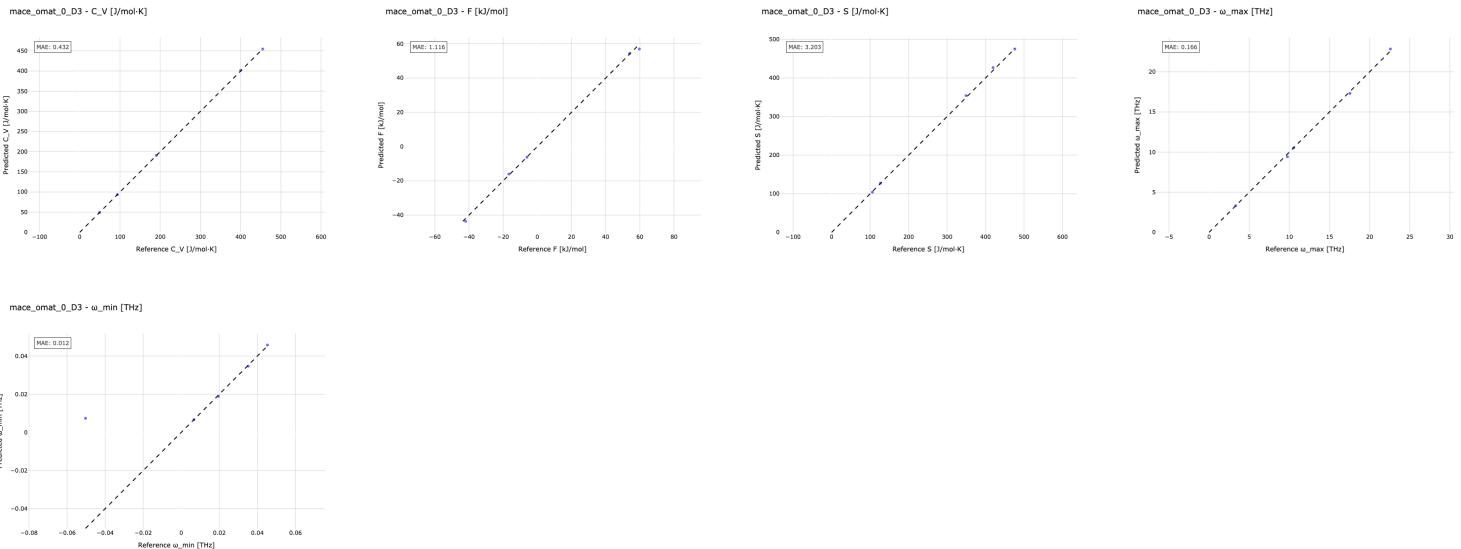
### mace\_mp\_0b3\_D3



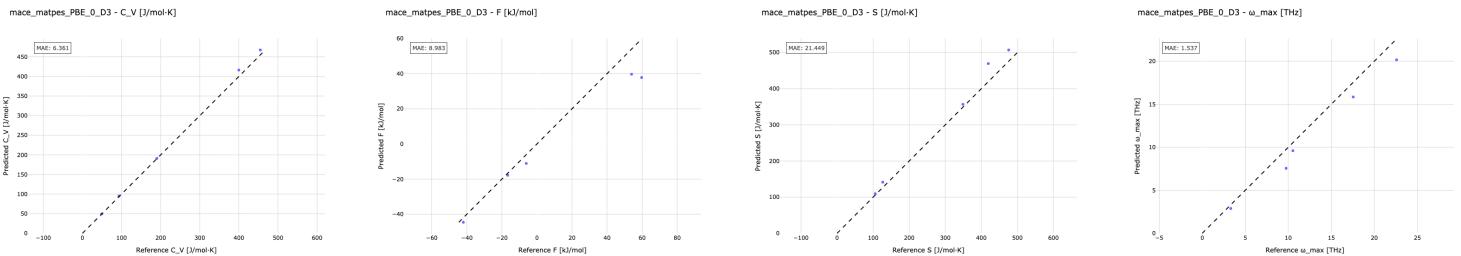
## mace\_mpa\_0\_D3

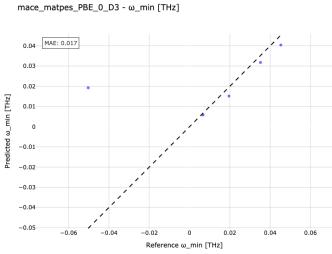


## mace\_omat\_0\_D3

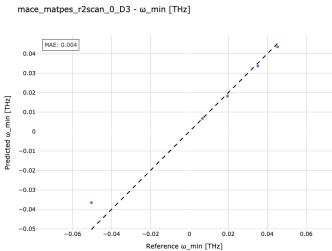
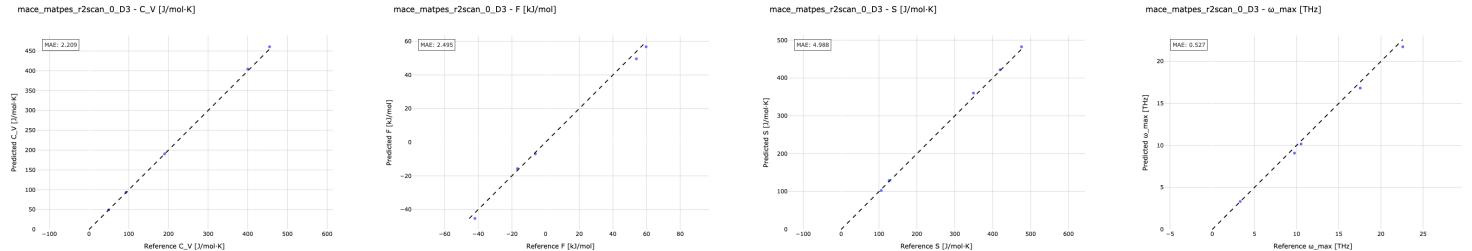


## mace\_matpes\_PBE\_0\_D3



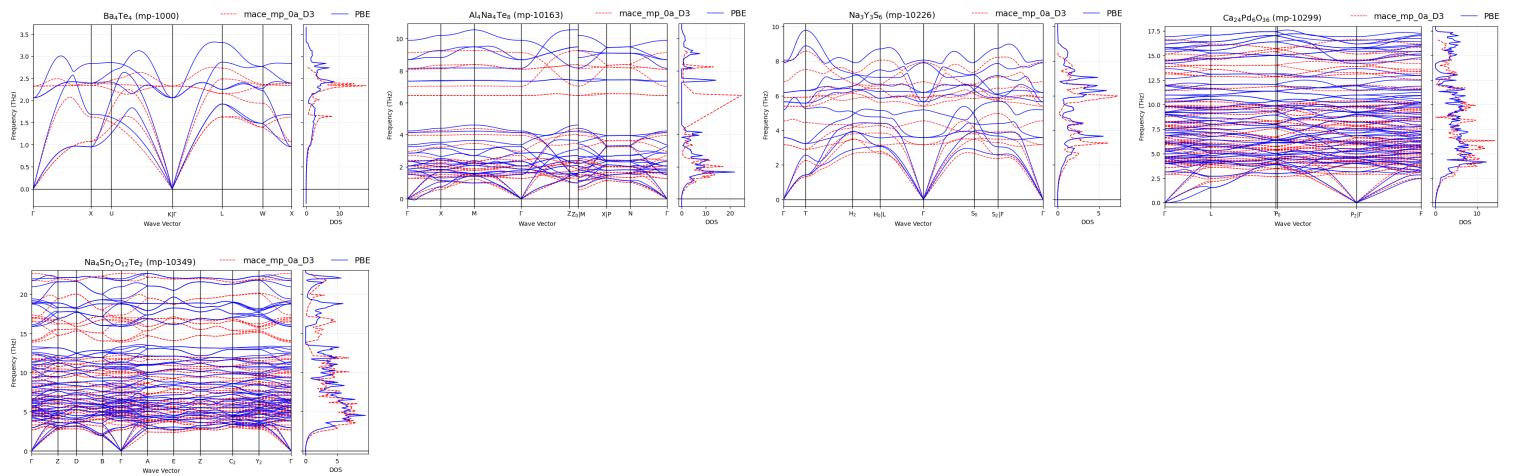


### mace\_matpes\_r2scan\_0\_D3

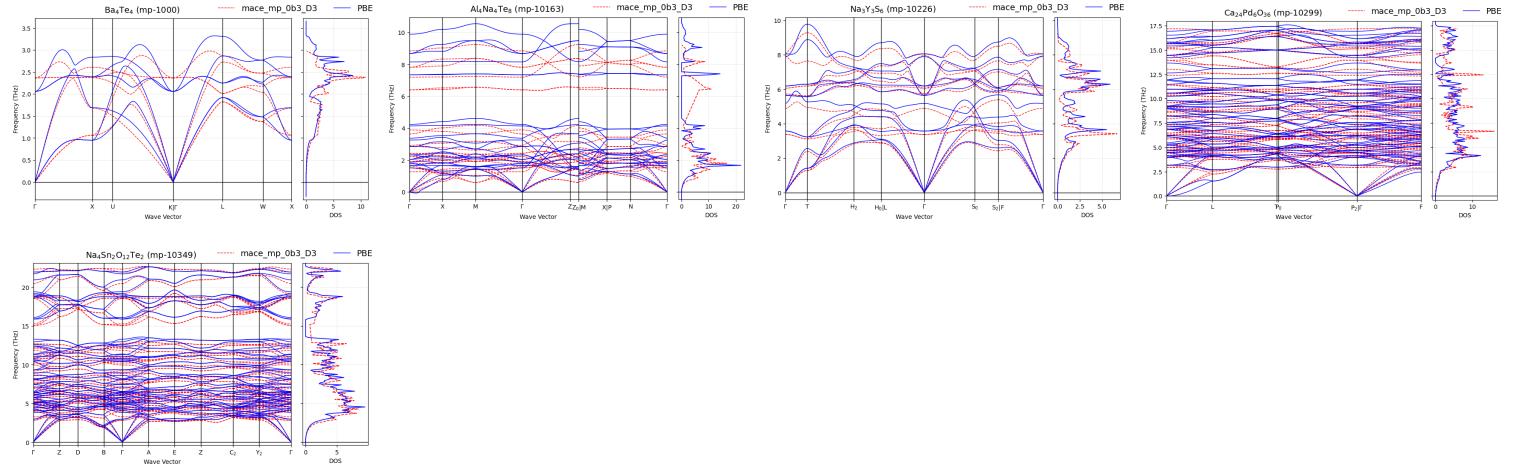


## Dispersion Plots

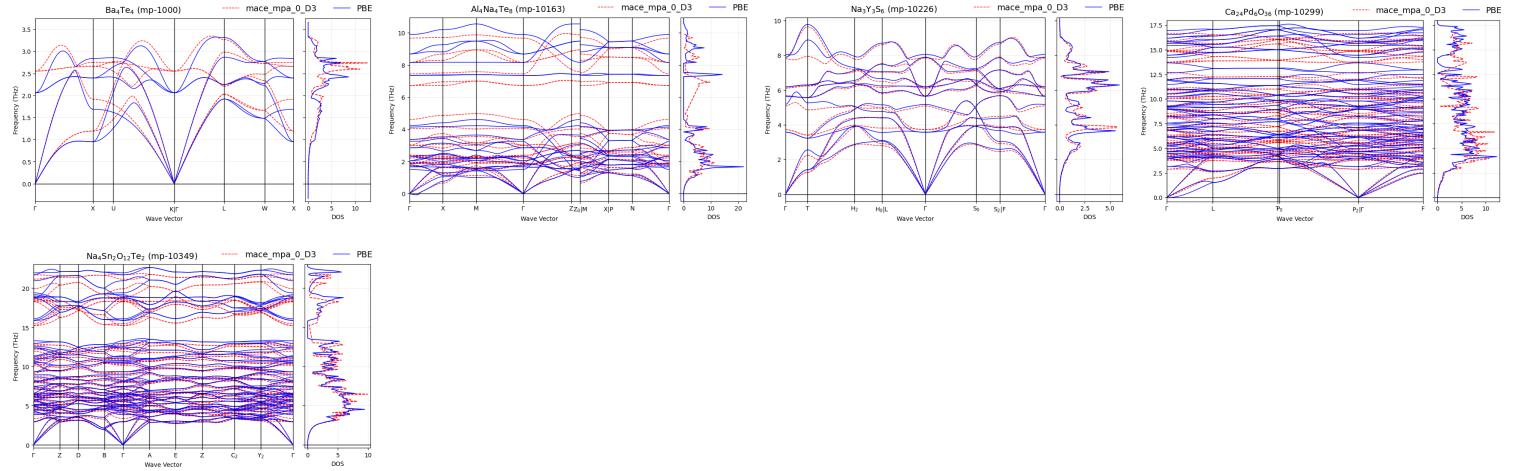
### mace\_mp\_0a\_D3



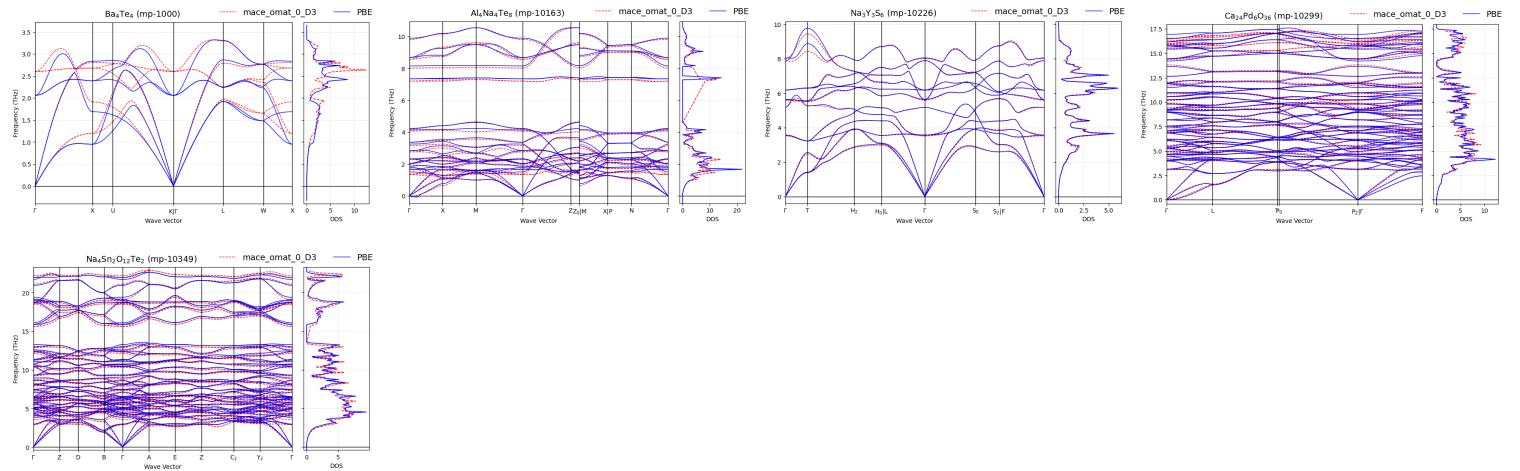
### mace\_mp\_0b3\_D3



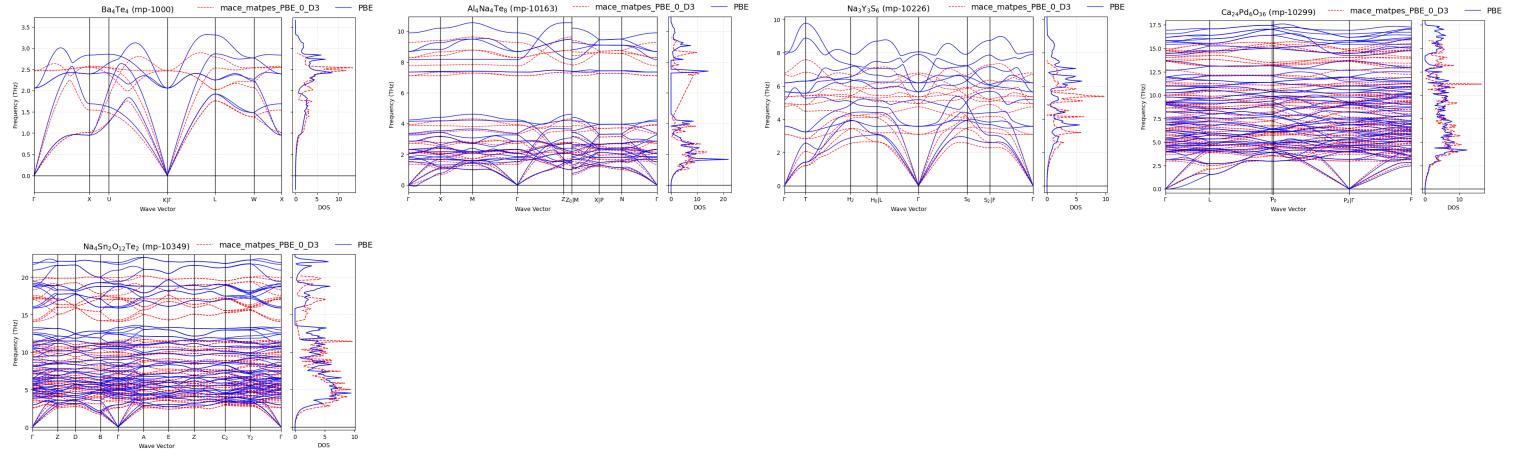
### mace\_mpa\_0\_D3



### mace\_omat\_0\_D3



## mace\_matpes\_PBE\_0\_D3



## mace\_matpes\_r2scan\_0\_D3

