

Q The different oxidation state of lanthanoids and Actinoids?

Solⁿ In Lanthanoid +3. oxidⁿ state is most common.
i.e. Ln(III) compounds are pre dominant.

However +2 & +4 can be found in solid & solution.

Where as Actinoids exhibits oxidⁿ state
of (+2 to +7). But (+3) is here also principal
oxidⁿ state.