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Next Steps for AGNpy

Wednesday 26 February 2025 16:57 (18 minutes)

I will discuss recent advancements in AGNpy, a Python library designed for modeling radiative processes in Active Galactic Nuclei (AGNs). I will highlight several enhancements, including preparation for incorporating time-dependent modeling to better integrate energy loss mechanisms. Additionally, I will explore a multi-layer structure for the Broad-Line Region to improve modeling accuracy for Flat Spectrum Radio Quasars (FSRQs). I will also touch upon hadronic processes implemented in agnpy, such as proton synchrotron and p-gamma interactions. Furthermore, I will review the last community's usage of agnpy. Finally, I will outline future development plans for AGNpy.

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