XIV Serbian Conference on Spectral Line Shapes in Astrophysics Bajina Bašta, Serbia, June 19 - 23, 2023 Book of Abstracts, Eds. Luka Č. Popović, Nataša Bon, Edi Bon and Sylvie Sahal-Bréchot

OPTICAL PROPERTIES OF TWO COMPLEMENTARY SAMPLES OF INTERMEDIATE SEYFERT GALAXIES

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We present preliminary results of the analysis of optical spectra of two complementary samples of Seyfert galaxies. The first sample was extracted from Foschini et al. (2022), which is composed of 50 gamma-ray emitting jetted Seyfert. The second one was extracted from the Swift/BAT AGN Spectroscopic Survey (BASS), which is composed of 144 hard-X ray selected AGN. The two samples are complementary since the former is expected to have small viewing angles, while the latter is characterized by objects with large viewing angles. We measured emission line ratios, profiles, equivalent width, and iron (Fe II) intensity. Our goal is to understand if intermediate Seyferts can be explained in terms of obscuration, as suggested by the well-known unified model of AGN, or if there are intrinsic differences due to the presence of jets and/or outflows.