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Advantages of a Grazing Incidence Monochromator in the Extreme Ultraviolet¹ SARAH BARTON, R. STEVEN TURLEY, Brigham Young University — One of the main goals of the BYU Thin Films group is to find optical constants for materials in the Extreme Ultraviolet. This is accomplished by taking reflection and transmission measurements. The addition of a Grazing Incidence Monochromator to our current system allows us to take reflectance measurements at wavelengths currently unavailable on the Normal Incidence Monochromator (Monarch).

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