

Galaxy Morphology from the Vacuum-UV to the FIR:
An intercomparison of recent observations from space
with new radiative transfer models

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ABSTRACT

We will present the latest multiwavelength observations of spiral galaxies made from space and from the ground covering the electromagnetic spectrum from the far ultraviolet (ASTRO-2 UIT observations) through the optical, and out to the far infrared (IRAS). Comparisons with recent theoretical models for the radiative transfer of stellar light through a three-dimensional dusty galaxy will be presented.