Diagnostic Ratios

Optical

Baldwin et al 1981

* [O III] 5007 / H-beta vs [N II] 6583 / H-alpha
* [O III] 5007 / H-beta vs [O I] 6300 / H-alpha
* [O III] 5007 / H-beta vs [S II] 6717,30 / H-alpha

Shirazi & Brinchmann 2012

* [He II] 4686/ H-beta vs [N II] 6583/ H-alpha

Tresse et al. 1996

* [O III] 5007 / H-beta vs [O II] 3727 / H-beta

Groves et al. 2004

* [O III] 5007 / H-beta vs [O II] 3727 / [O III] 5007
* [O III] 4363 / [O III] 5007 vs [He II] 4686 / H-beta
* [O III] 4363 / [O III] 5007 vs [O III] 5007 / H-beta

Unsure of source

* [S II] 6717 / [S II] 6730 vs [O II] 3727 / [N II] 6583

Infrared

Weaver 2010

* [O IV] 25.88 μm / [Ne III] 15.56 μm vs [Ne III] 15.56 μm/ [Ne II] 12.81 μm
* [Ne V] 24 μm vs [Ne V] 14 μm
* [Ne V] 14 μm vs [O IV] 25.88 μm
* [Ne V] 14 μm vs [Ne III] 15.56 μm
* [Ne V] 14 μm vs [Ne II] 12.81 μm

Sturm et al. 2002

* [Si IV] 10 μm / Brβ vs [Si II] 32 μm / Brβ
* [O IV] 25.88 μm / Brβ vs [Fe II] 26 μm / Brβ

Osterbrock et al. 1992

* [S II] 9069, 9531/ Hα vs [S II] 6724 / Hα
* [O II] 7325 / Hα vs [S II] 6724 / Hα