

| Line | Galaxy Name | In_Thood? | Obs | Model | Resid_Stds | Obs_S/N |
|-----------|-------------|-----------|----------|--------|------------|---------|
| oiii3726 | rs1086 | Y | 504.6726 | 0.1081 | 2.2651 | 2.2656 |
| oiii3729 | rs1086 | Y | -12.9942 | 0.1153 | -2.7863 | -2.7618 |
| neiii3869 | rs1086 | Y | 0.6475 | 0.8722 | -3.3772 | 9.7329 |
| oiii4363 | rs1086 | Y | -0.1370 | 0.0718 | -2.8987 | -1.9017 |
| hgama | rs1086 | Y | 1.0099 | 0.4729 | 8.0956 | 15.2244 |
| oiii4959 | rs1086 | Y | 1.0000 | 1.0000 | 0.0000 | 13.8350 |
| oiii15007 | rs1086 | Y | 0.7657 | 3.0468 | -28.4631 | 9.5548 |
| oiii5951 | rs1086 | Y | 2.5916 | 0.0904 | -77.0096 | 30.7097 |
| heii5875 | rs1086 | Y | 0.2517 | 0.1109 | 1.8210 | 3.2550 |
| oi6300 | rs1086 | Y | 0.2511 | 0.0067 | 2.8707 | 2.9500 |
| ni6548 | rs1086 | Y | 1.2734 | 0.0046 | 36.7835 | 36.9171 |
| halpha | rs1086 | Y | 2.8600 | 2.7914 | 0.6699 | 27.9324 |
| ni6584 | rs1086 | Y | 3.8325 | 0.0136 | 36.7073 | 36.8379 |
| si6717 | rs1086 | Y | 1.8187 | 0.0405 | 17.4294 | 17.8265 |
| si6731 | rs1086 | Y | 1.0426 | 0.0383 | 10.5142 | 10.9150 |
| arii17136 | rs1086 | Y | -0.1295 | 0.0759 | -2.2662 | -1.3911 |

Observed fluxes vs. model fluxes at the gridpoint defined by peaks of the 1D marginalised prior PDFs

| Line | Galaxy Name | In_hood? | Obs | Model | Resid_Stds | Obs_S/N |
|-----------|-------------|----------|----------|--------|------------|---------|
| oii3726 | rs1086 | Y | 504.6726 | 0.1081 | 2.2651 | 2.2656 |
| oii3729 | rs1086 | Y | -12.9942 | 0.1153 | -2.7863 | -2.7618 |
| neiii3869 | rs1086 | Y | 0.6475 | 0.8722 | -3.3772 | 9.7329 |
| oiii4363 | rs1086 | Y | -0.1370 | 0.0718 | -2.8987 | -1.9017 |
| hgamma | rs1086 | Y | 1.0099 | 0.4729 | 8.0956 | 15.2244 |
| hbeta | rs1086 | Y | 1.0000 | 1.0000 | 0.0000 | 13.8350 |
| oiii4959 | rs1086 | Y | 0.7657 | 3.0468 | -28.4631 | 9.5548 |
| oiii5007 | rs1086 | Y | 2.5916 | 9.0904 | -77.0096 | 30.7097 |
| hei5875 | rs1086 | Y | 0.2517 | 0.1109 | 1.8210 | 3.2550 |
| oii6300 | rs1086 | Y | 0.2511 | 0.0067 | 2.8707 | 2.9500 |
| nii6548 | rs1086 | Y | 1.2734 | 0.0046 | 36.7835 | 36.9171 |
| halpha | rs1086 | Y | 2.8600 | 7.914 | 0.6699 | 27.9324 |
| nii6584 | rs1086 | Y | 3.8325 | 0.0136 | 36.7073 | 36.8379 |
| siii6717 | rs1086 | Y | 1.8187 | 0.0405 | 17.4294 | 17.8265 |
| sii6731 | rs1086 | Y | 1.0426 | 0.0383 | 10.5142 | 10.9150 |
| arii7136 | rs1086 | Y | -0.1295 | 0.0759 | -2.2062 | -1.3911 |

$\chi^2 = 830.9$

LOGZ

AGNFRAC

LOGQ

LOGZ

AGNFRAC

Legend:

- Peak of 1D marginalised PDF
- Model defined by peaks of 1D PDFs
- ▼ Peak of 2D marginalised PDF
- Projected peak of full 1D PDF