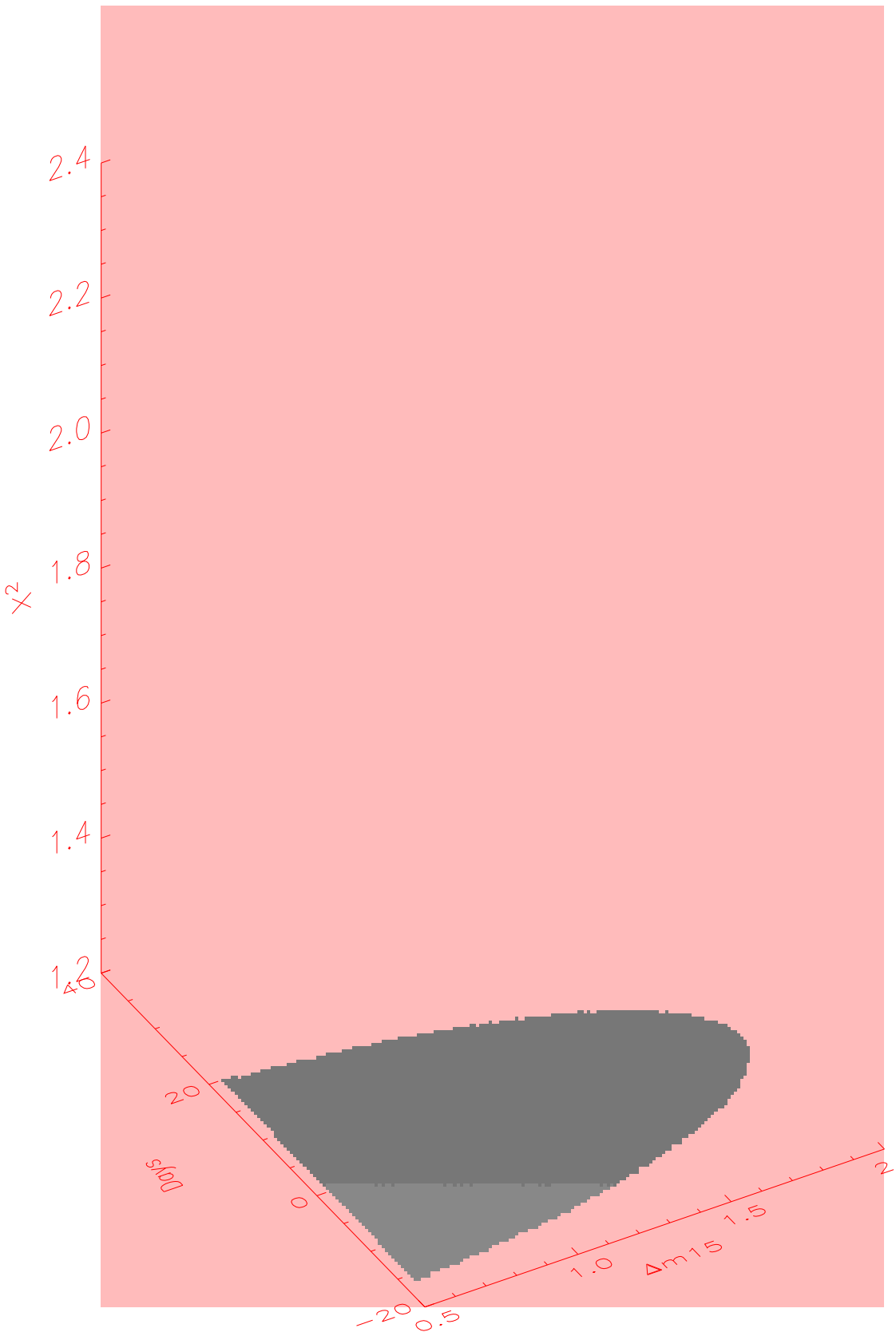
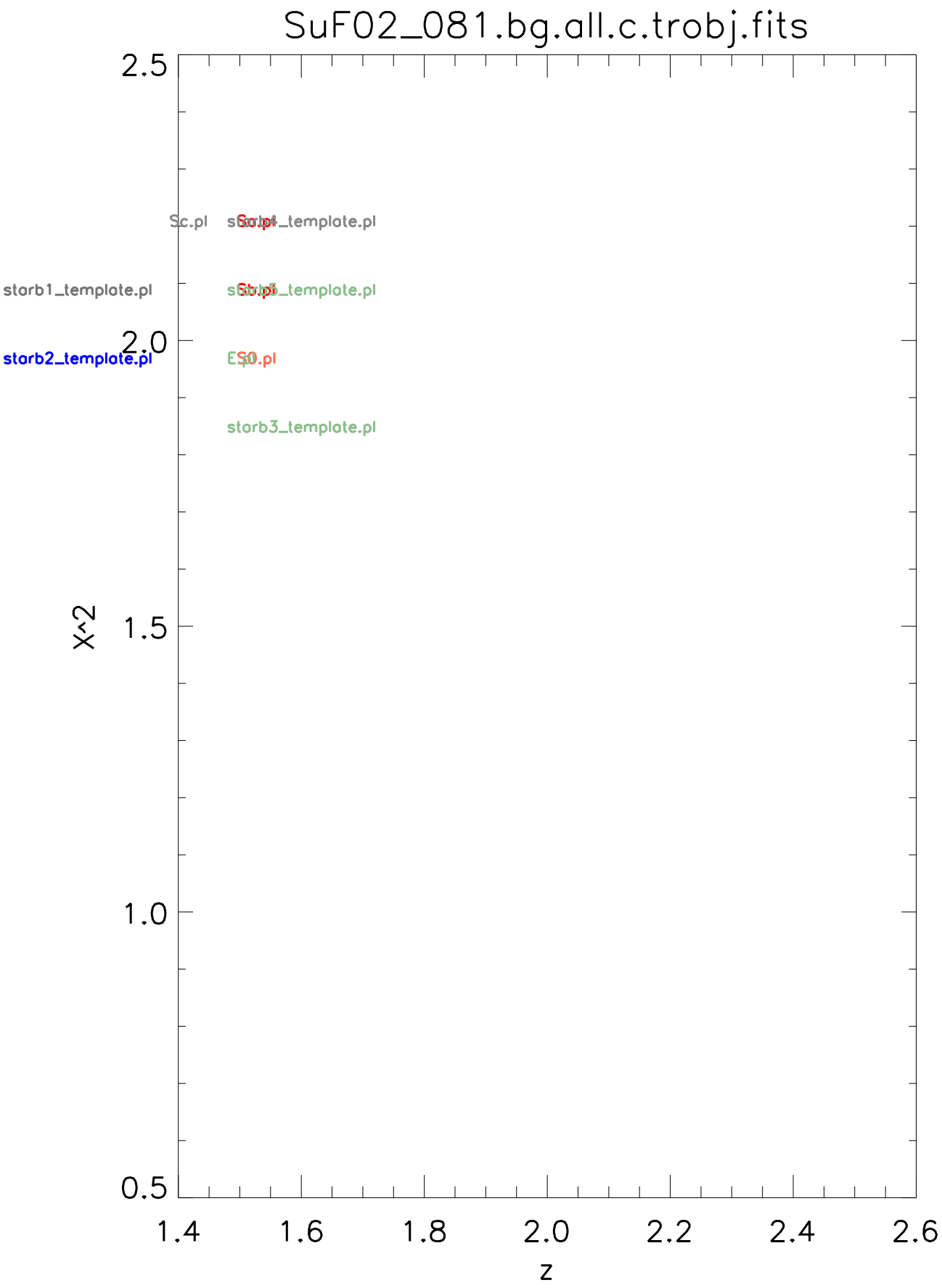
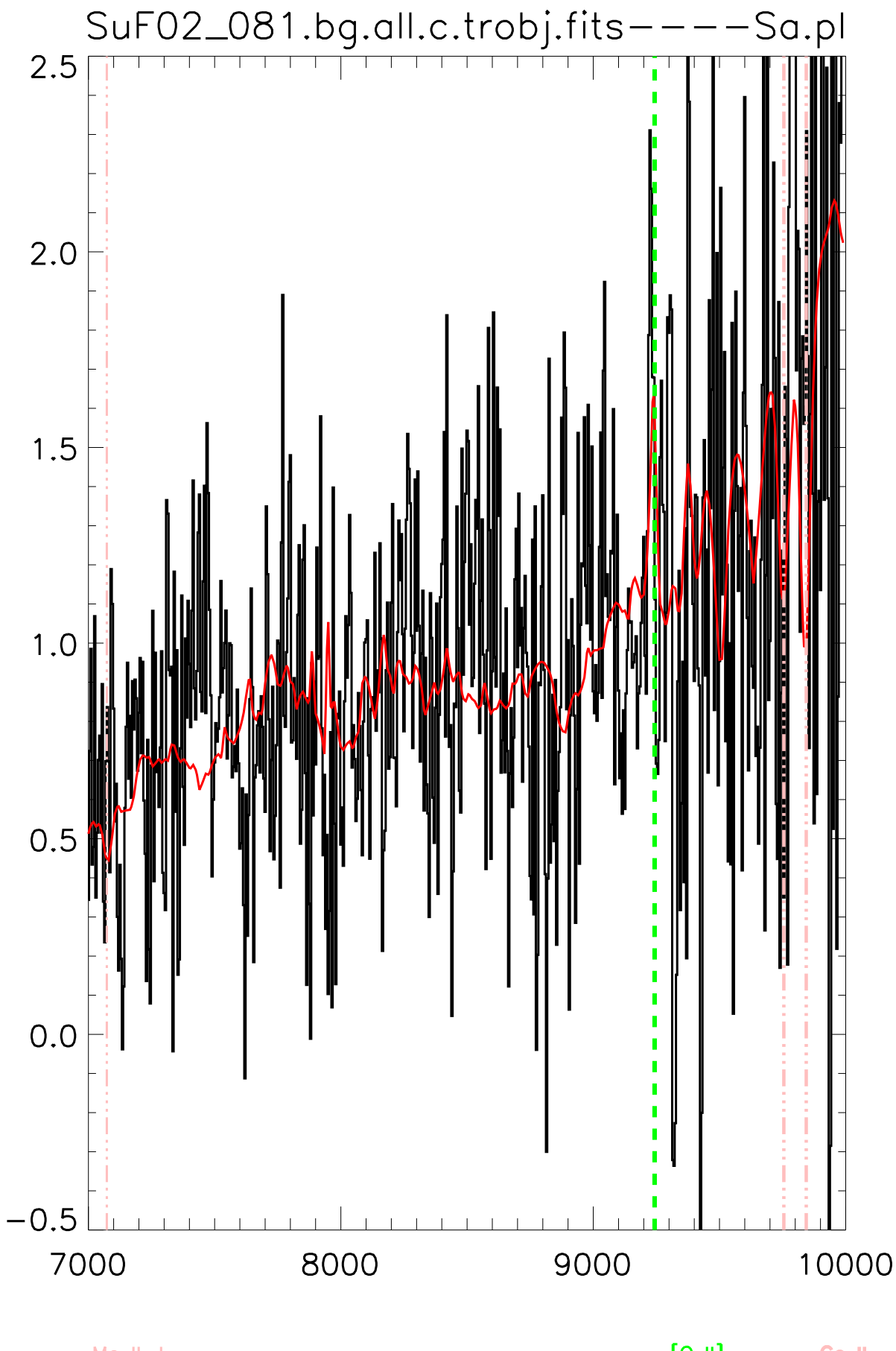
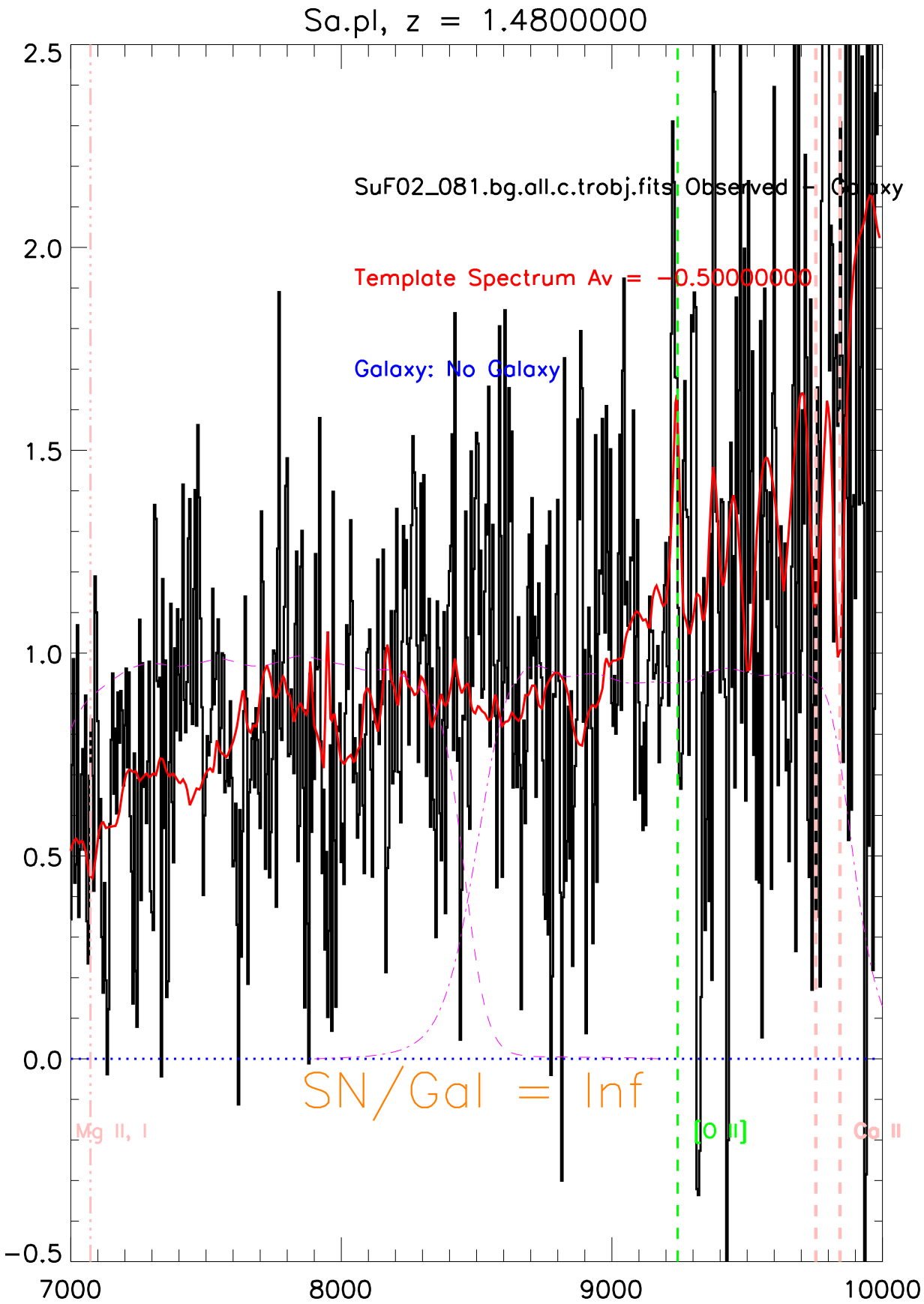
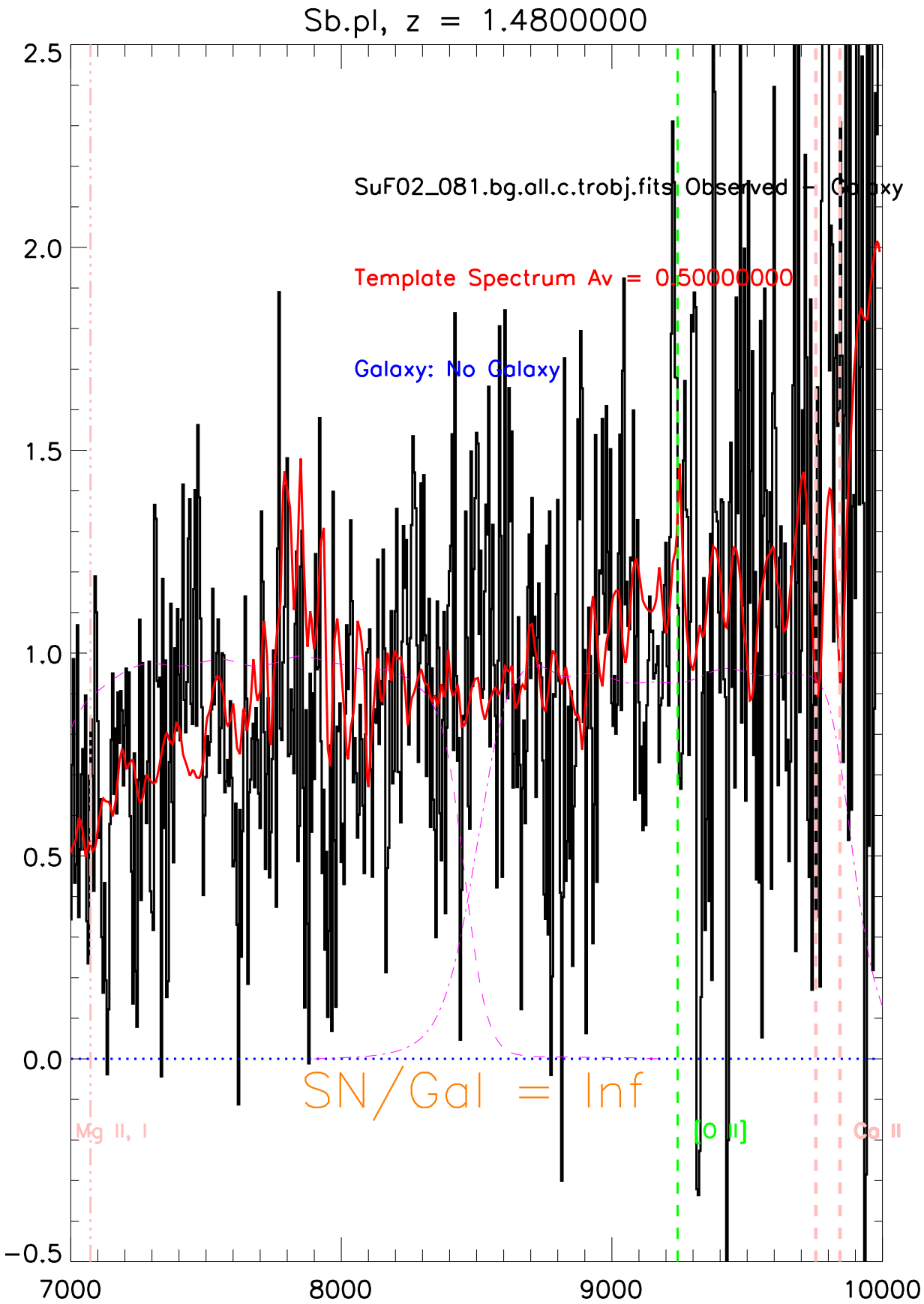


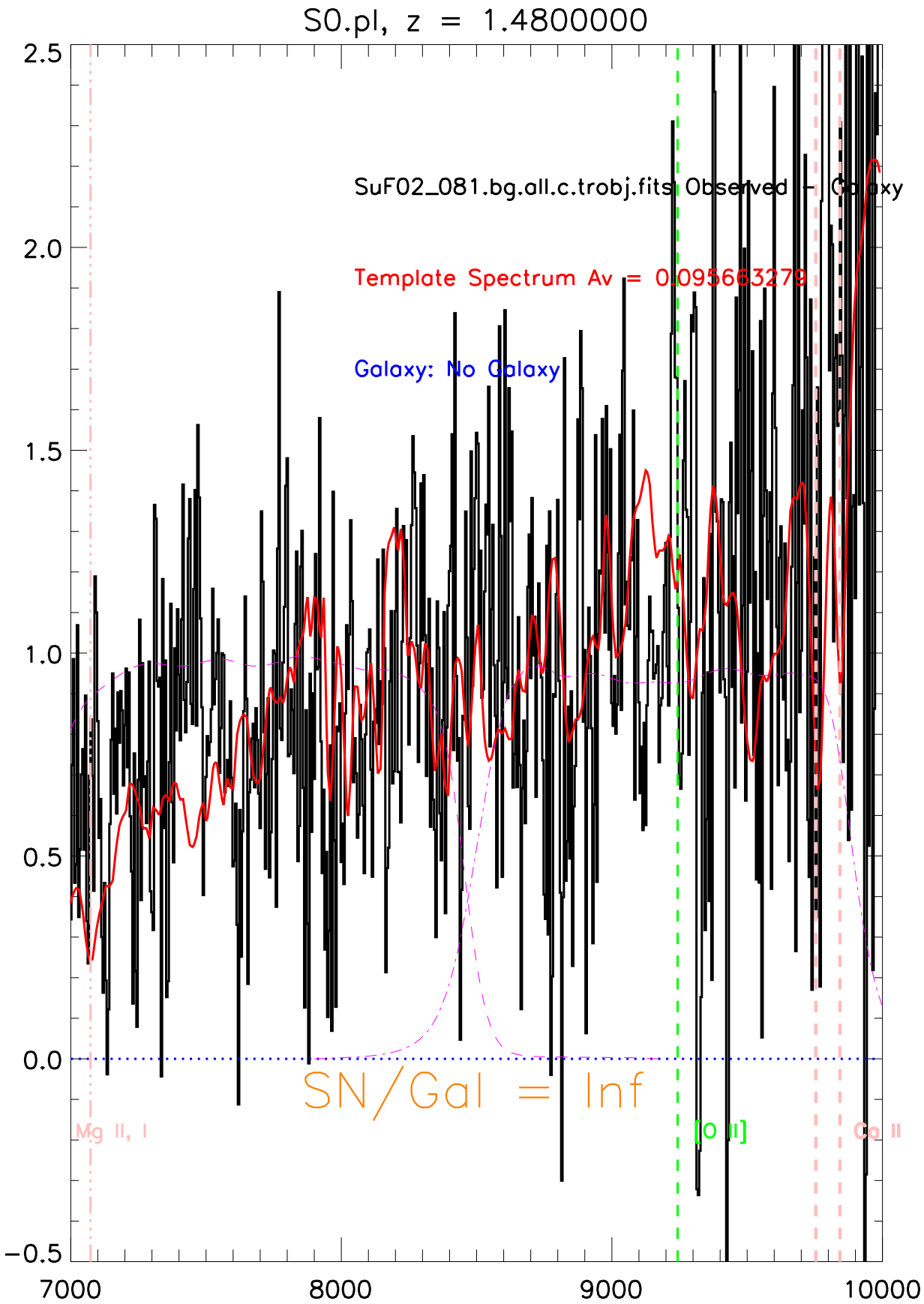
2.4
2.2
2.0
1.8
1.6
1.4
1.2
χ^2
40
20
0
−20
Days
0.5
1.0
1.5
2.0
Δm15

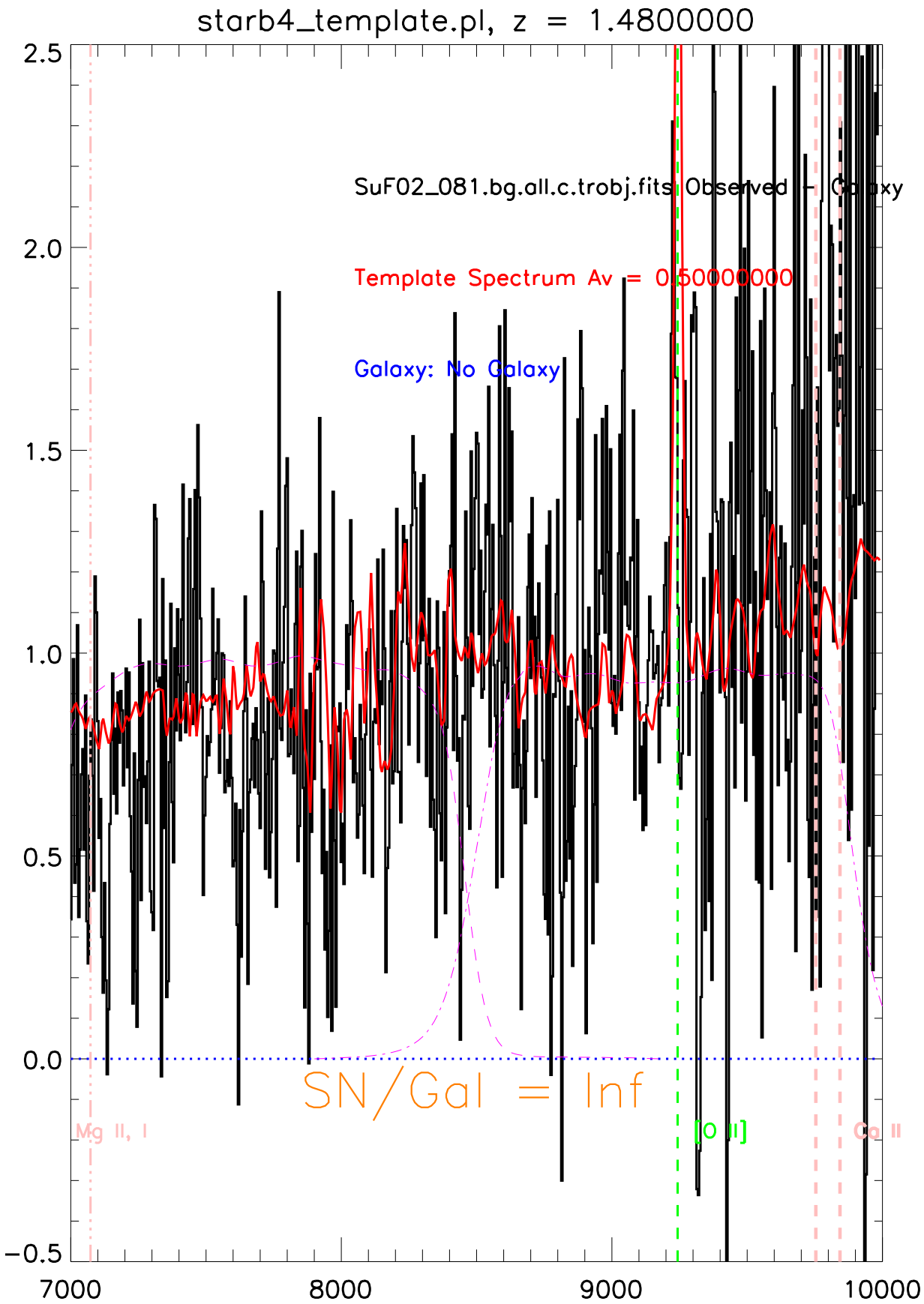

SuF02_081.bg.all.c.trobj.fits
2.5
2.0
1.5
1.0
0.5
X^2
1.4
1.6
1.8
2.0
2.2
2.4
2.6
z
Sc.pl
starb4_template.pl
starb1_template.pl
starb2_template.pl
starb3_template.pl
E.pl
starb3_template.pl

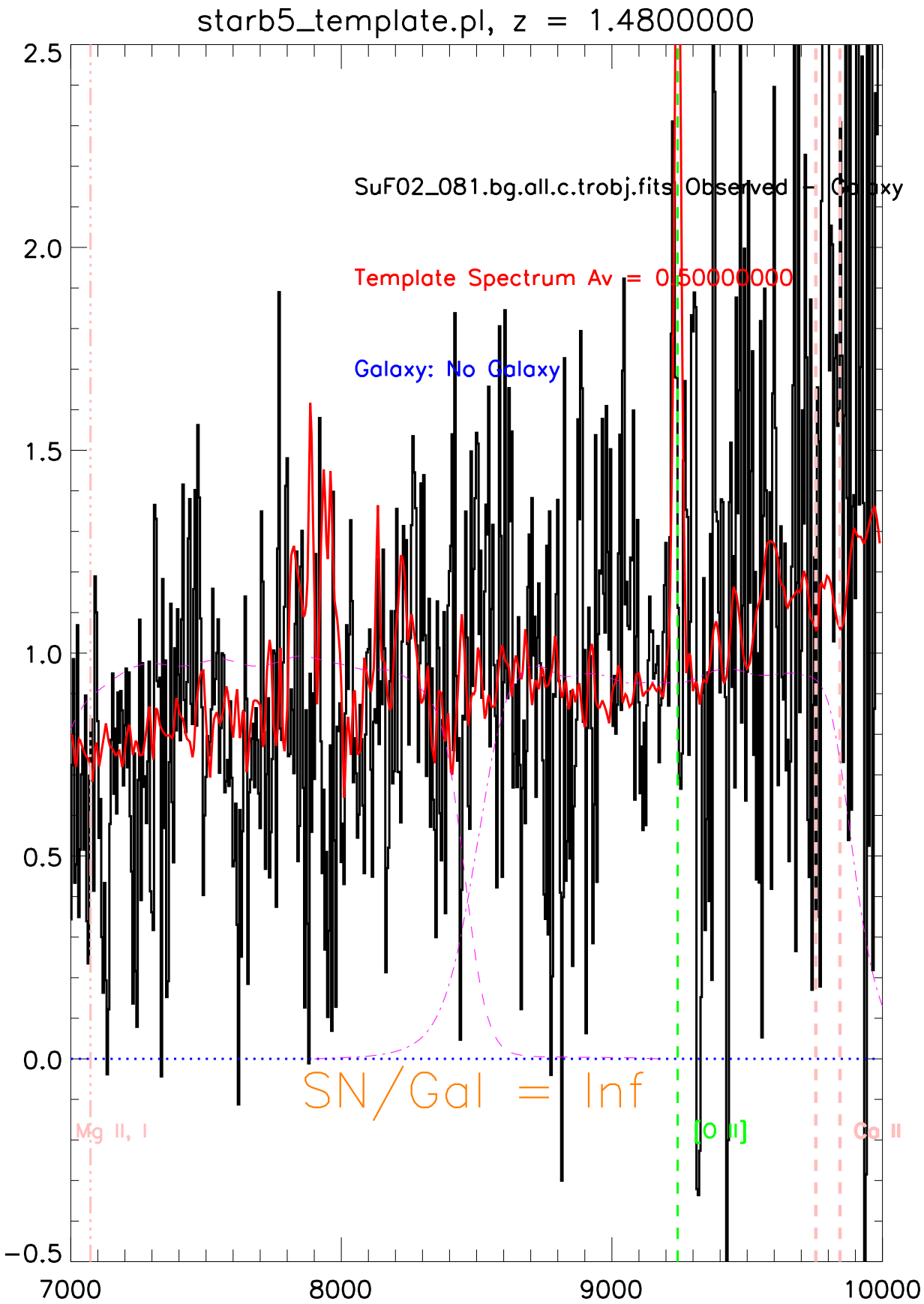

SuF02_081.bg.all.c.trobj.fits----Sa.pl
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
7000
8000
9000
10000
Mg II, I
[O II]
Ca II

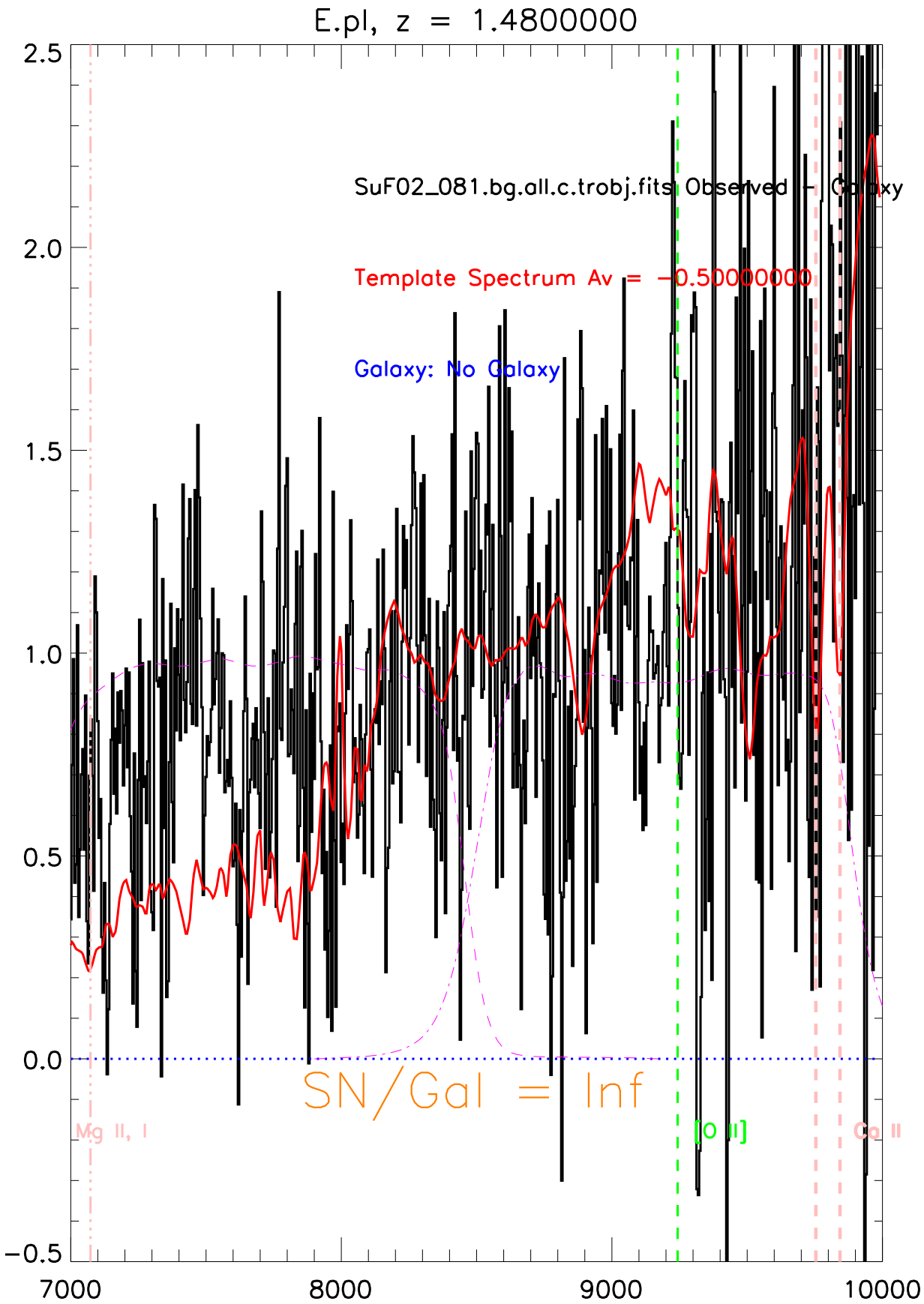

Sa.pl, z = 1.4800000
SuF02_081.bg.all.c.trobj.fits Observed - Galaxy
Template Spectrum Av = -0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
7000
8000
9000
10000

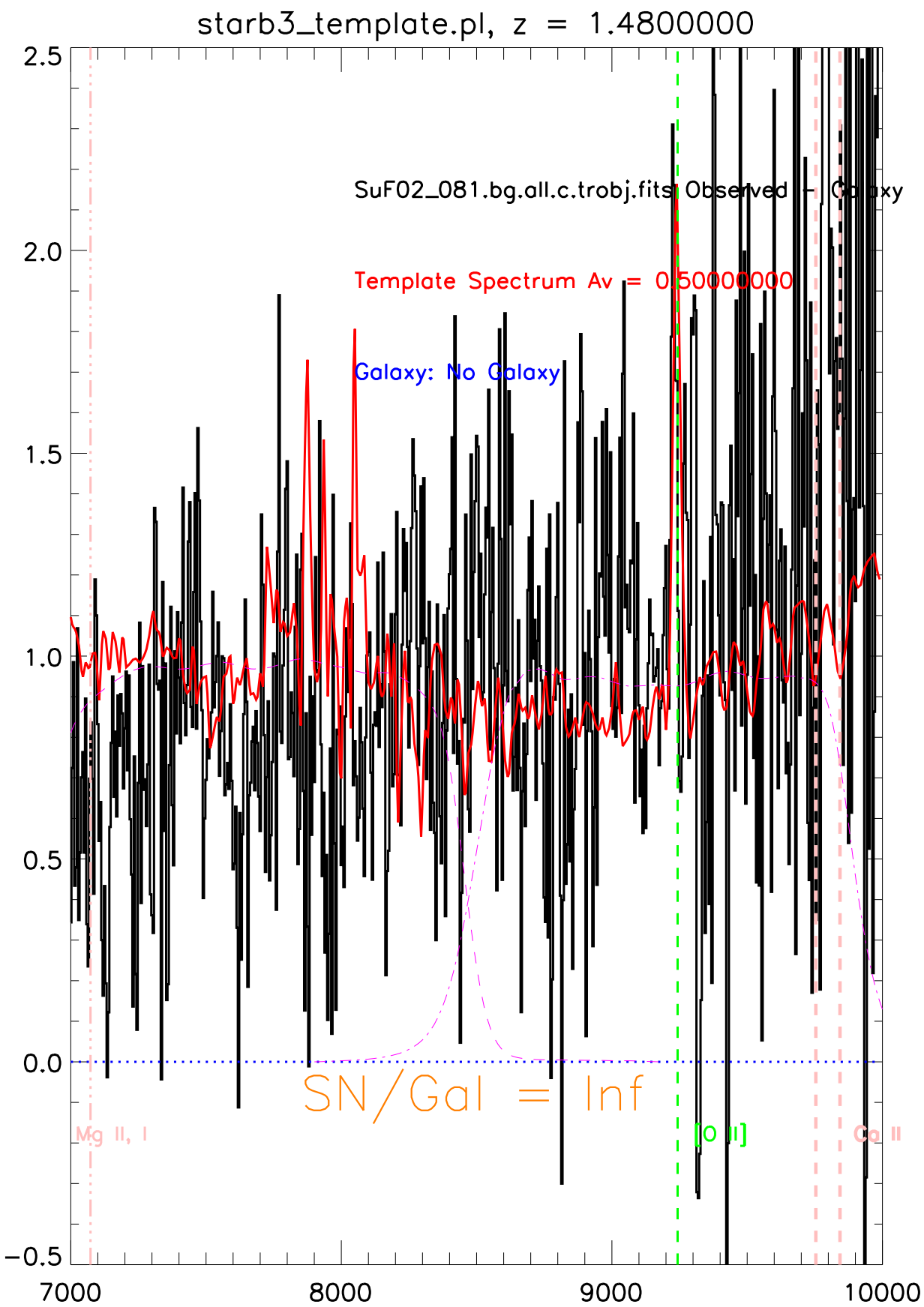

Sb.pl, z = 1.4800000
SuF02_081.bg.all.c.trobj.fits Observed - Galaxy
Template Spectrum Av = 0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
7000
8000
9000
10000

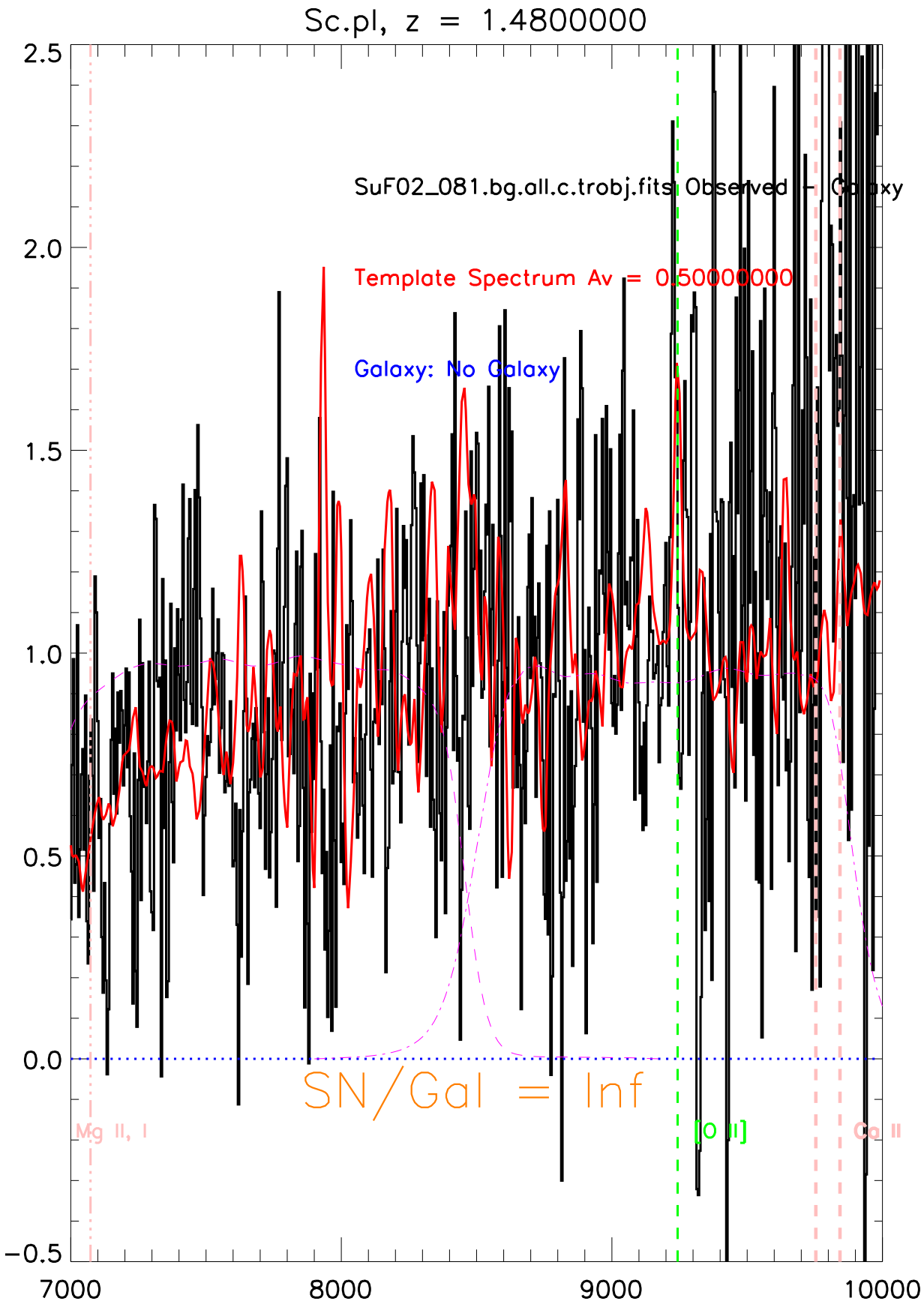

S0.pl, z = 1.4800000
SuF02_081.bg.all.c.trobj.fits Observed - Galaxy
Template Spectrum Av = 0.095663279
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
7000
8000
9000
10000

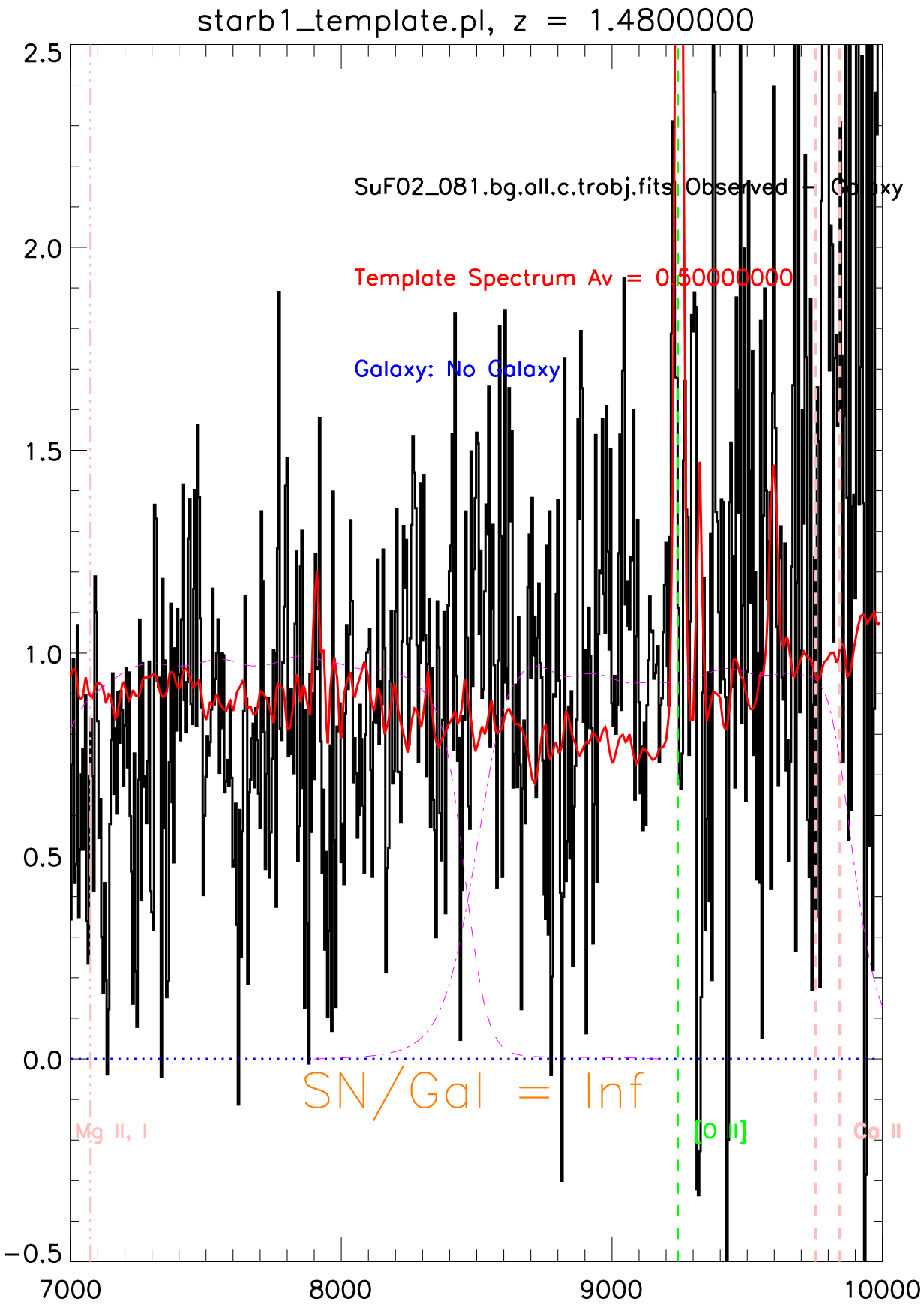

starb4_template.pl, z = 1.4800000
SuF02_081.bg.all.c.trobj.fits: Observed - Galaxy
Template Spectrum Av = 0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
7000
8000
9000
10000

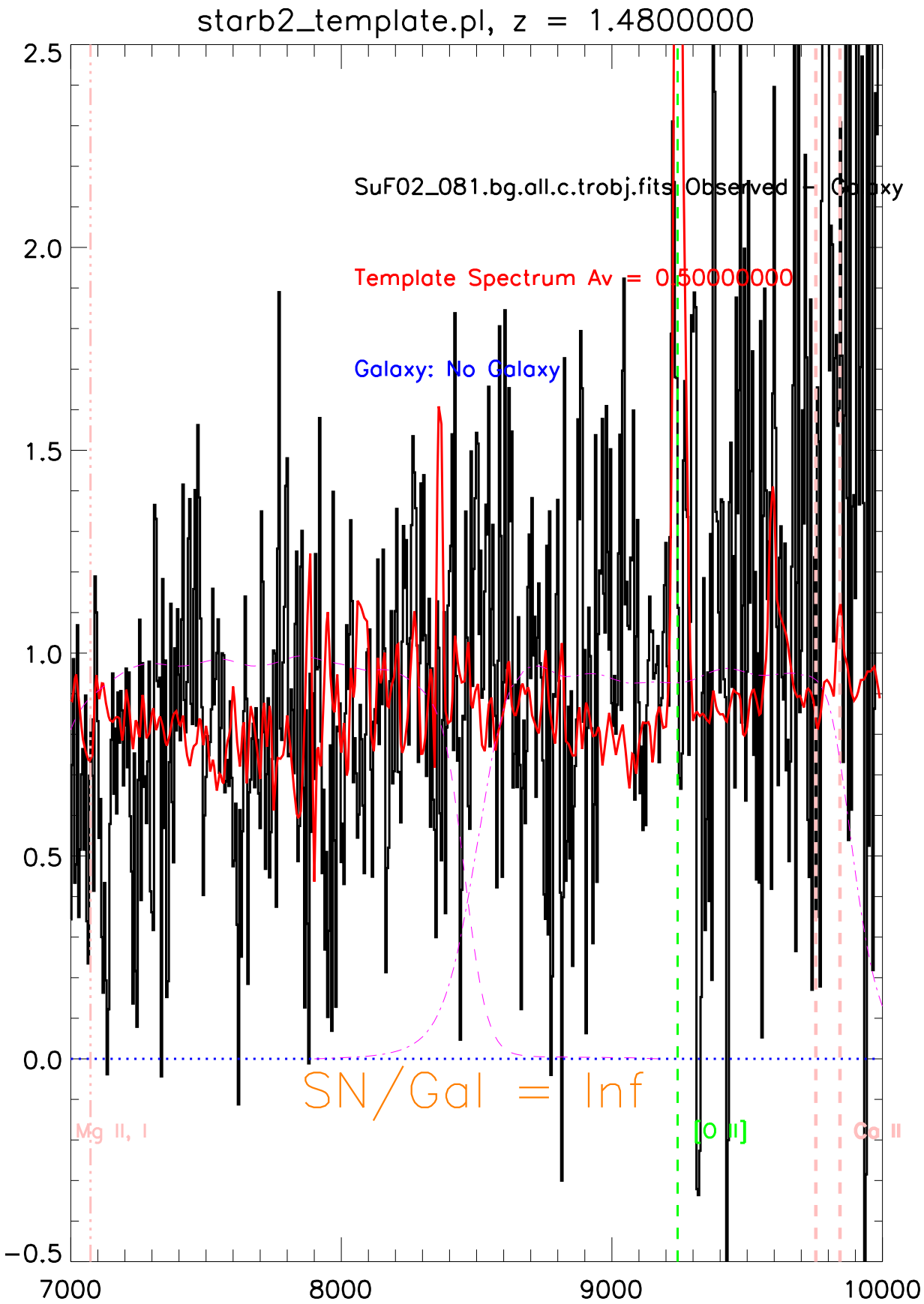

starb5_template.pl, z = 1.4800000
SuF02_081.bg.all.c.trobj.fits: Observed - Galaxy
Template Spectrum Av = 0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
7000
8000
9000
10000


E.pl, z = 1.4800000
SuF02_081.bg.all.c.trobj.fits Observed - Galaxy
Template Spectrum Av = −0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
7000
8000
9000
10000


starb3_template.pl, z = 1.4800000
SuF02_081.bg.all.c.trobj.fits: Observed - Galaxy
Template Spectrum Av = 0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
7000
8000
9000
10000


Sc.pl, z = 1.4800000
SuF02_081.bg.all.c.trobj.fits Observed - Galaxy
Template Spectrum Av = 0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
7000
8000
9000
10000


starb1_template.pl, z = 1.4800000
SuF02_081.bg.all.c.trobj.fits: Observed - Galaxy
Template Spectrum Av = 0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
7000
8000
9000
10000


starb2_template.pl, z = 1.4800000
SuF02_081.bg.all.c.trobj.fits Observed - Galaxy
Template Spectrum Av = 0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
7000
8000
9000
10000