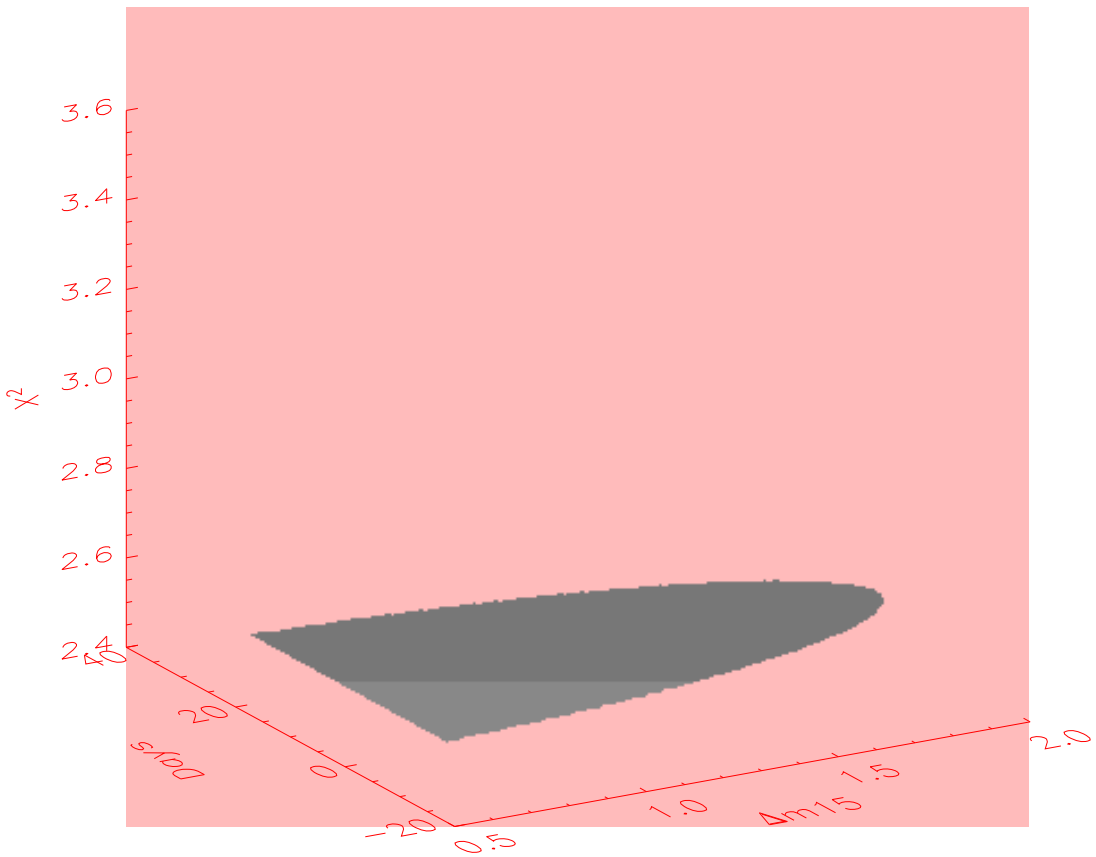
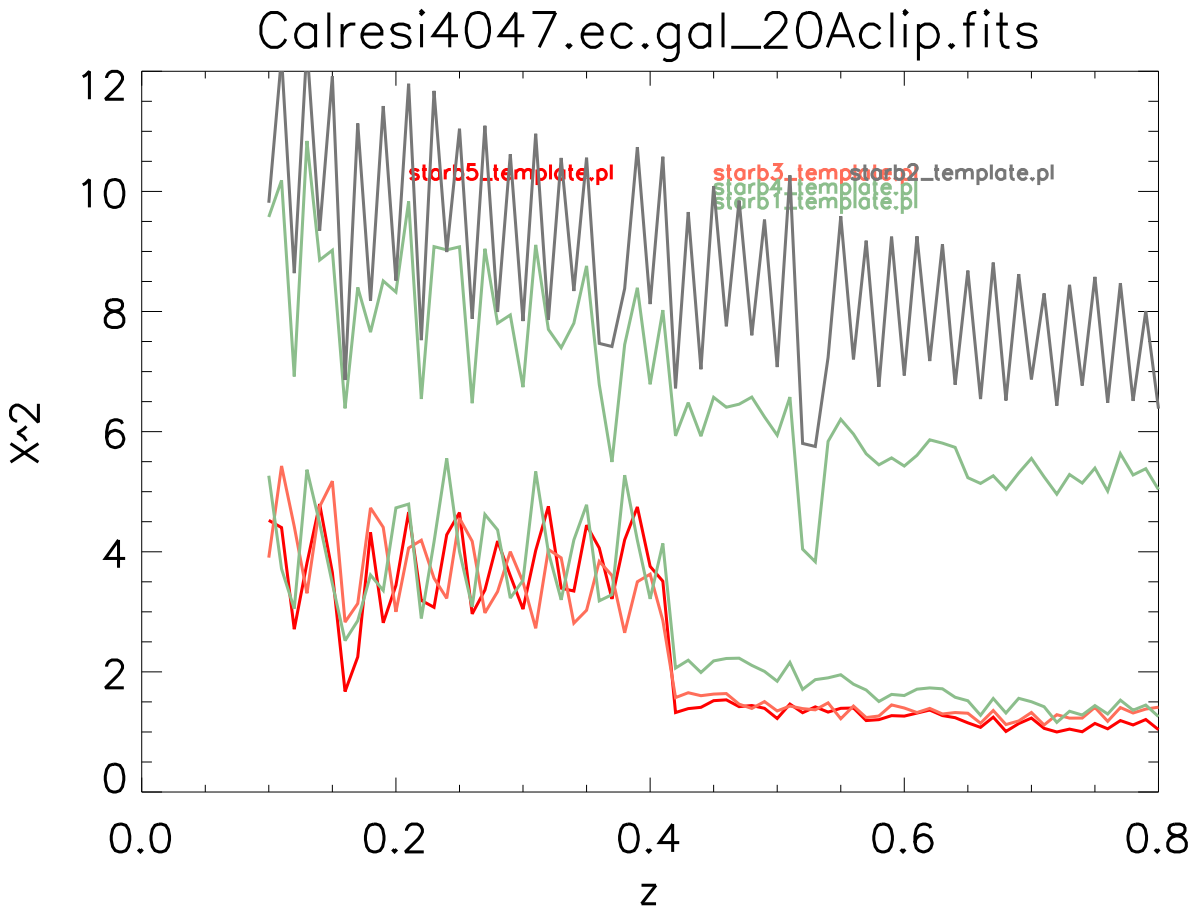
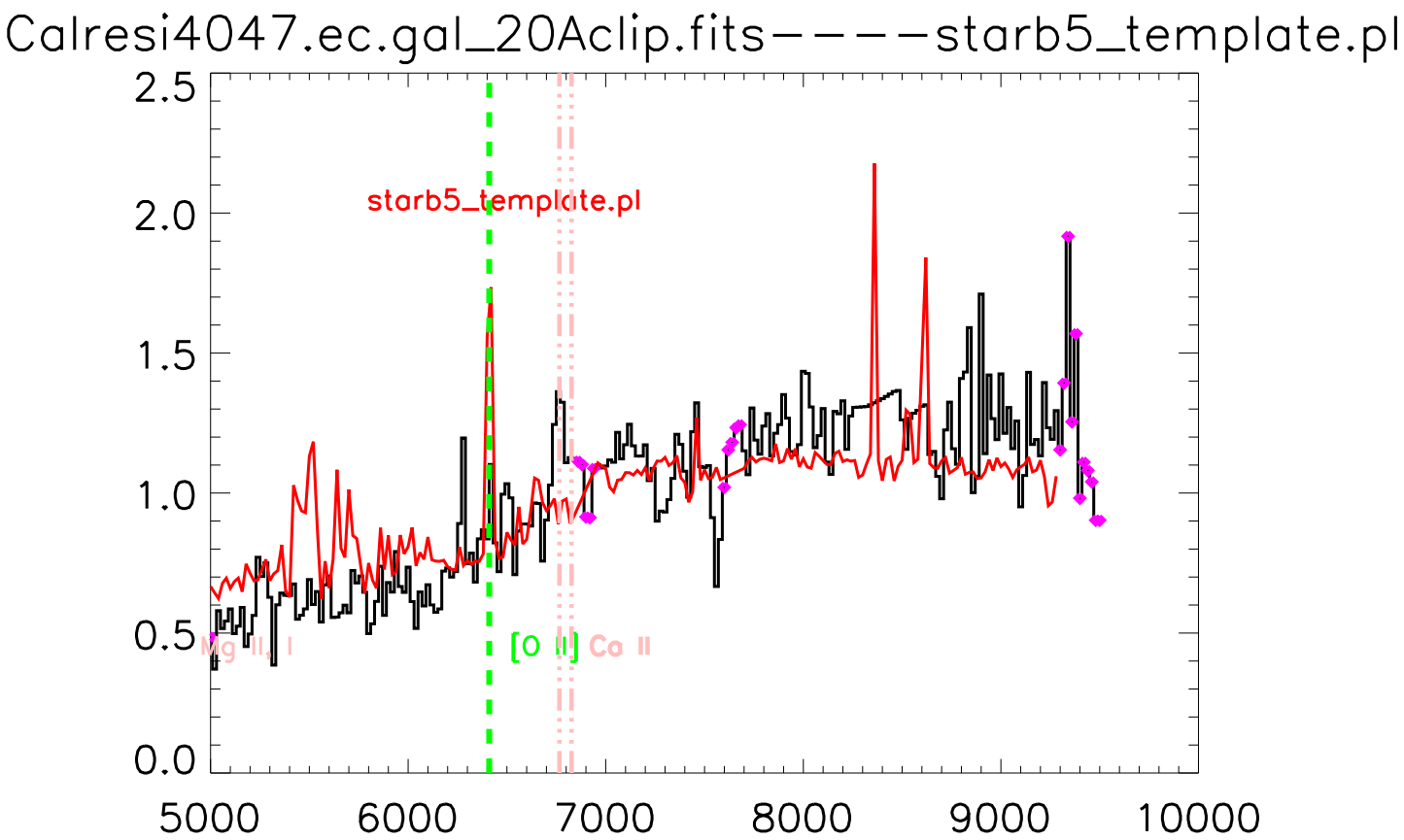
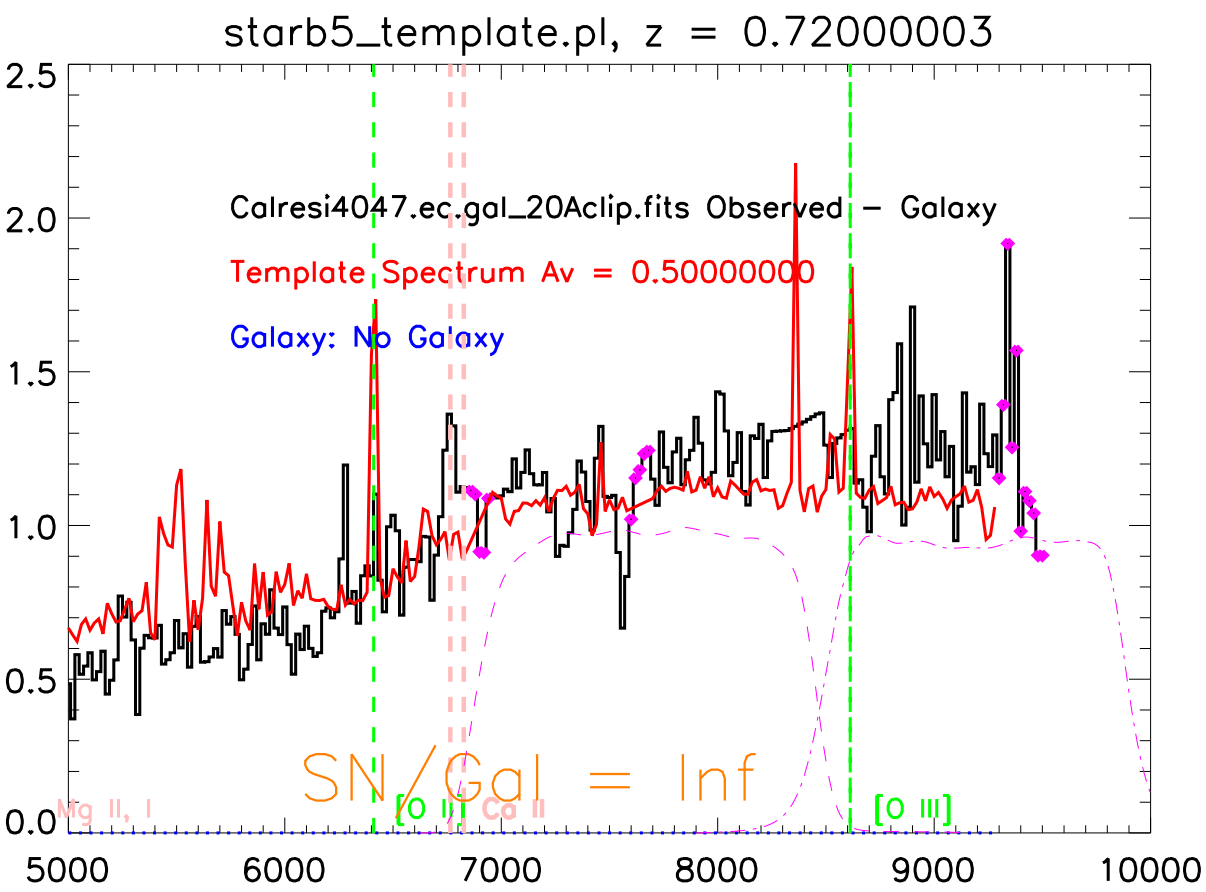
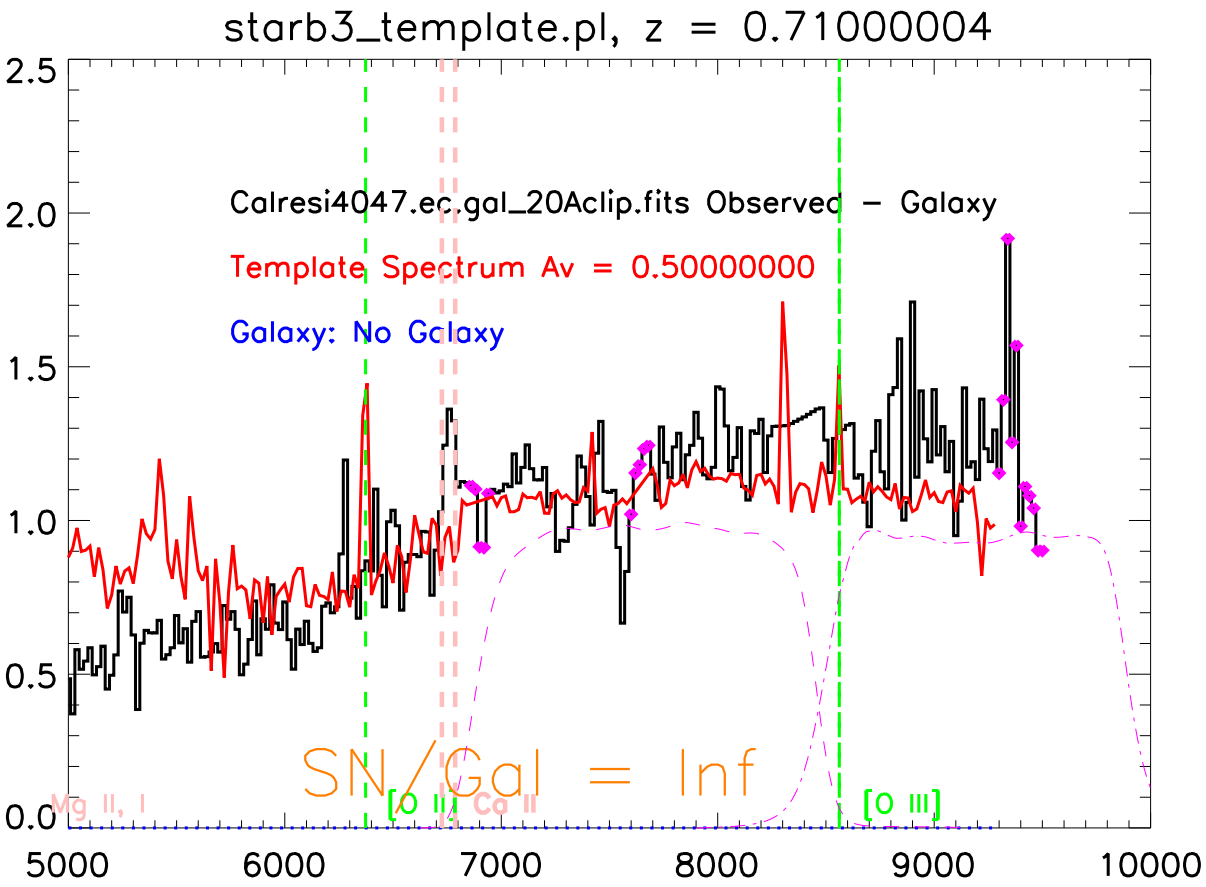


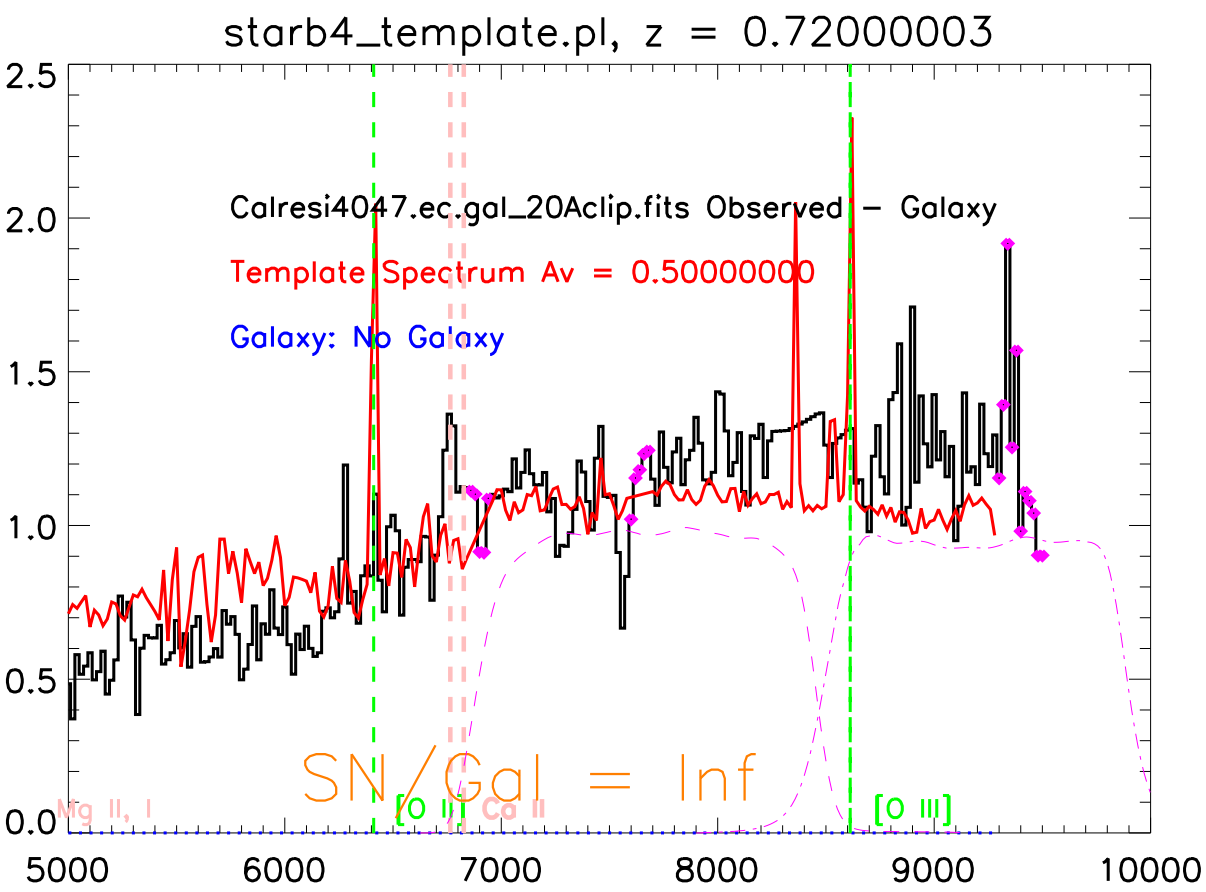
3.6
3.4
3.2
3.0
2.8
2.6
2.4
χ²
40
20
0
−20
Days
0.5
1.0
1.5
2.0
Δm15

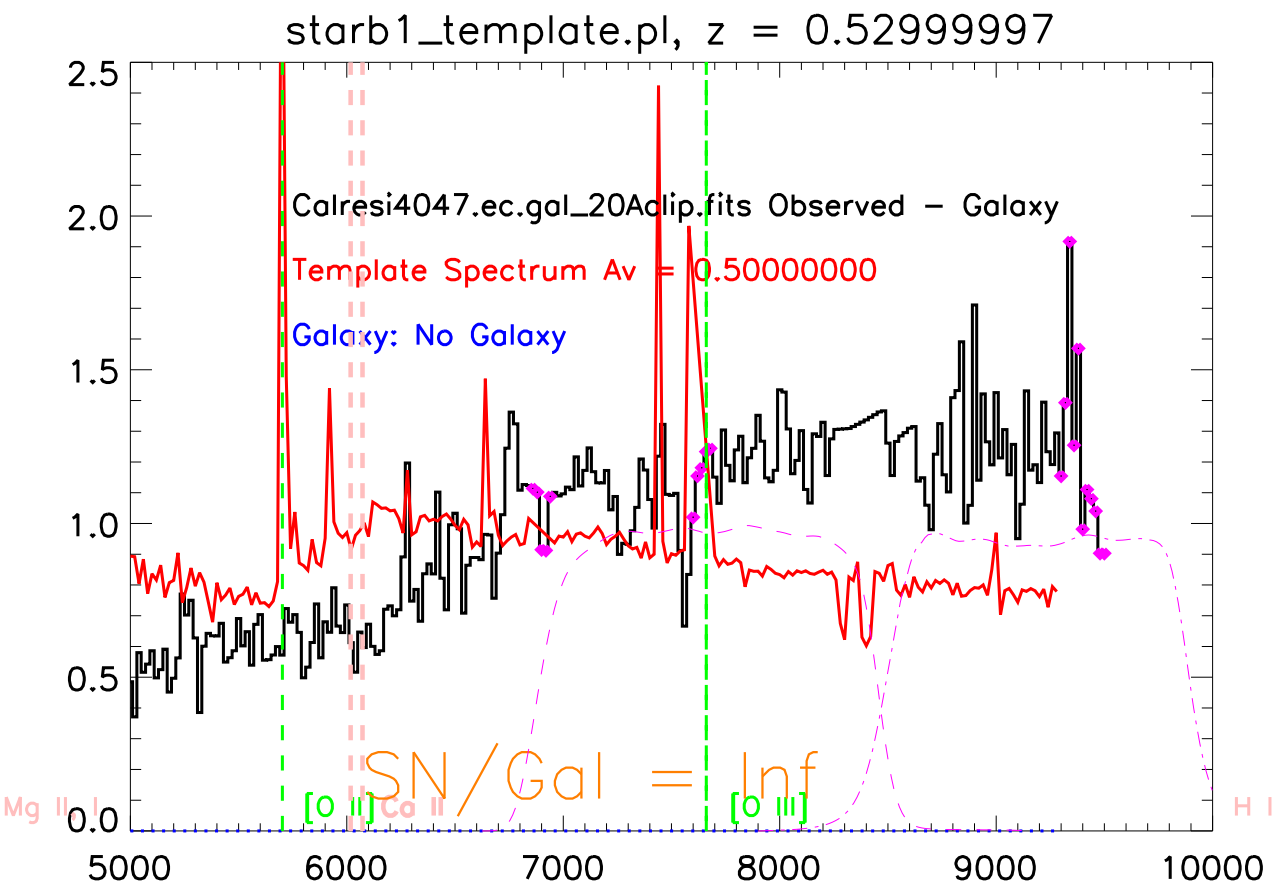

Calresi4047.ec.gal_20Aclip.fits
12
10
8
6
4
2
0
X^2
0.0
0.2
0.4
0.6
0.8
z
starb5_template.pl
starb3_template.pl
starb2_template.pl
starb4_template.pl
starb1_template.pl

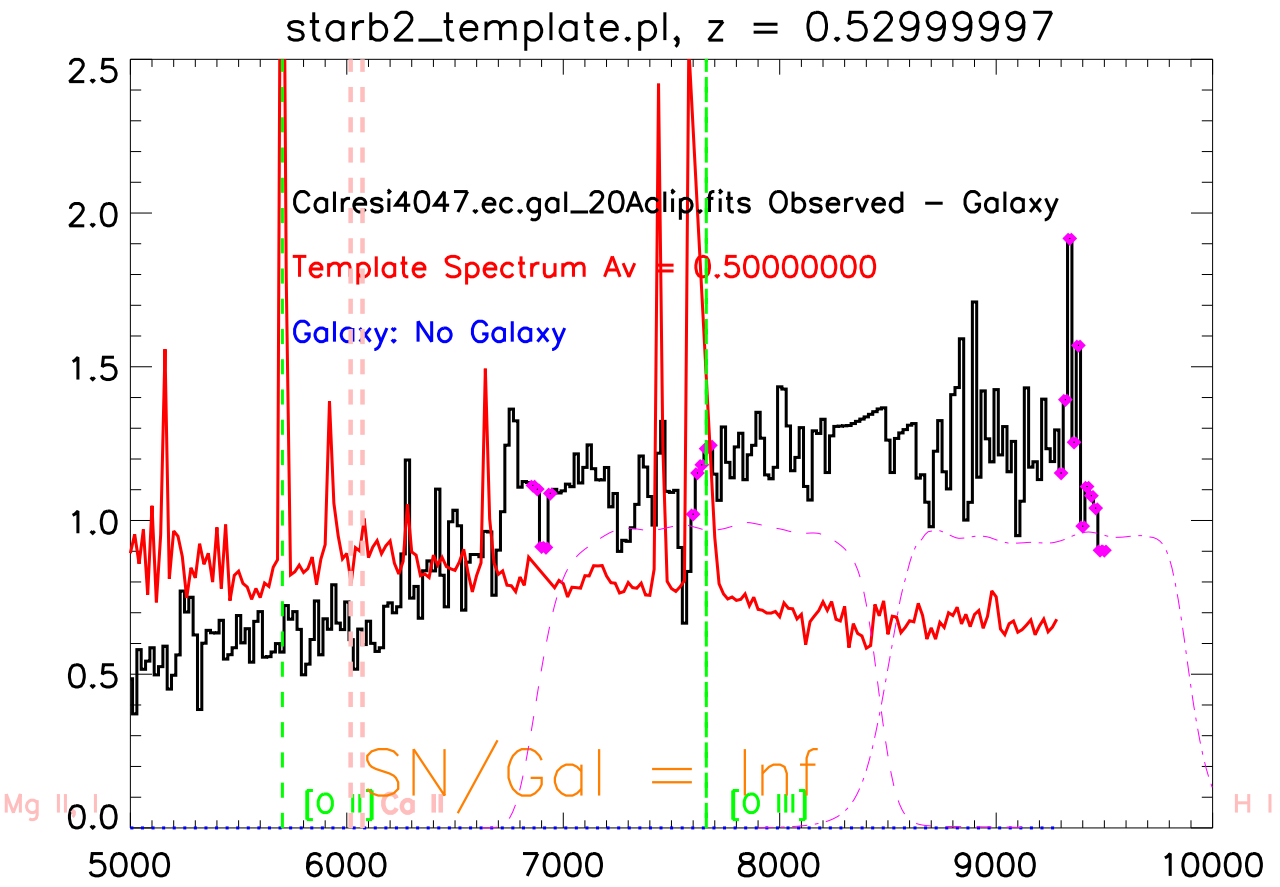

Calresi4047.ec.gal_20Aclip.fits----starb5_template.pl
starb5_template.pl
Mg II, I
[O II]
Ca II
2.5
2.0
1.5
1.0
0.5
0.0
5000
6000
7000
8000
9000
10000


starb5_template.pl, z = 0.72000003
Calresi4047.ec.gal_20Aclip.fits Observed – Galaxy
Template Spectrum Av = 0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
[O III]
2.5
2.0
1.5
1.0
0.5
0.0
5000
6000
7000
8000
9000
10000


starb3_template.pl, z = 0.71000004
Calresi4047.ec.gal_20Aclip.fits Observed − Galaxy
Template Spectrum Av = 0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
[O III]
2.5
2.0
1.5
1.0
0.5
0.0
5000
6000
7000
8000
9000
10000


starb4_template.pl, z = 0.72000003
Calresi4047.ec.gal_20Aclip.fits Observed − Galaxy
Template Spectrum Av = 0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II, I
[O II]
Ca II
[O III]
2.5
2.0
1.5
1.0
0.5
0.0
5000
6000
7000
8000
9000
10000


starb1_template.pl, z = 0.52999997
Calresi4047.ec.gal_20Aclip.fits Observed − Galaxy
Template Spectrum Av = 0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II
[O II]
Ca II
[O III]
H I
2.5
2.0
1.5
1.0
0.5
0.0
5000
6000
7000
8000
9000
10000


starb2_template.pl, z = 0.52999997
Calresi4047.ec.gal_20Aclip.fits Observed − Galaxy
Template Spectrum Av = 0.50000000
Galaxy: No Galaxy
SN/Gal = Inf
Mg II
[O II]
Ca II
[O III]
H I
2.5
2.0
1.5
1.0
0.5
0.0
5000
6000
7000
8000
9000
10000