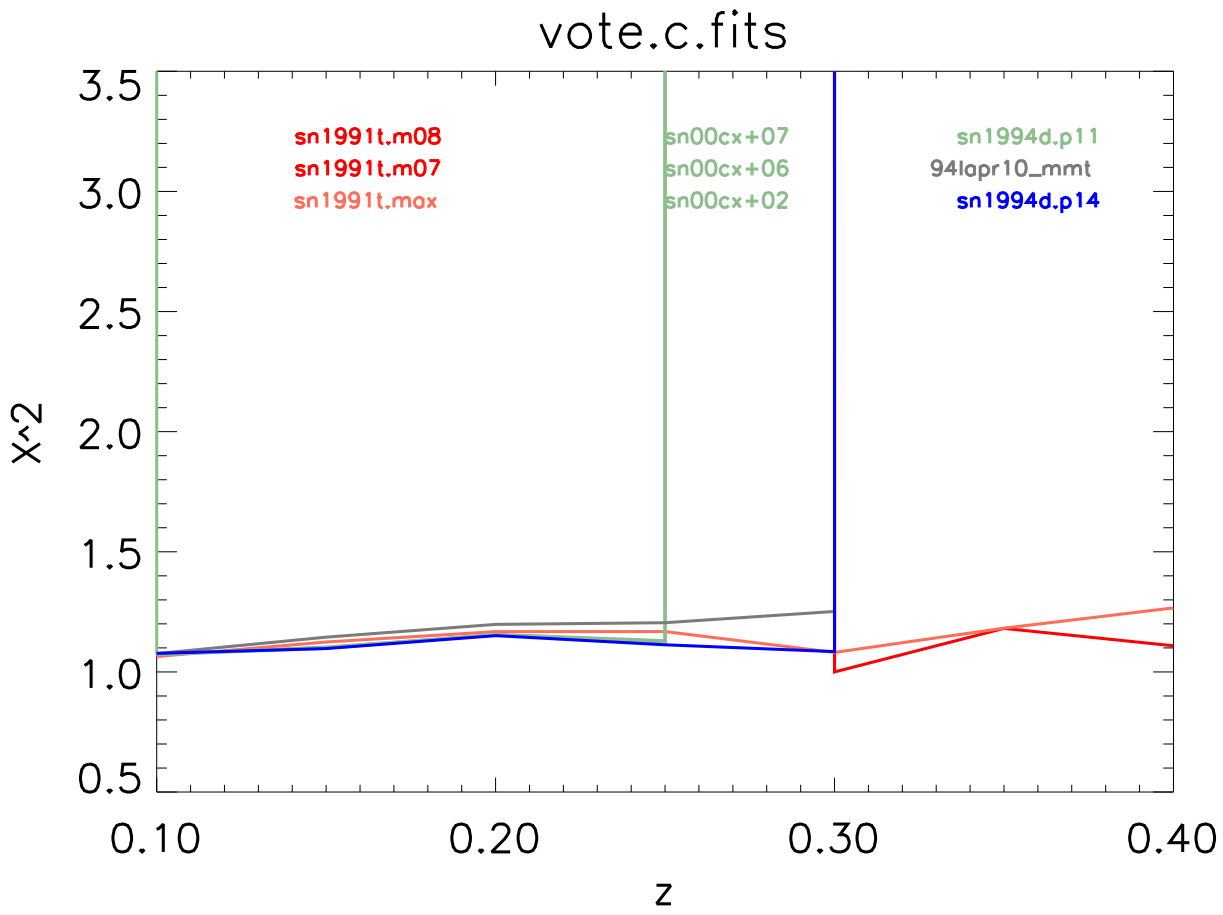
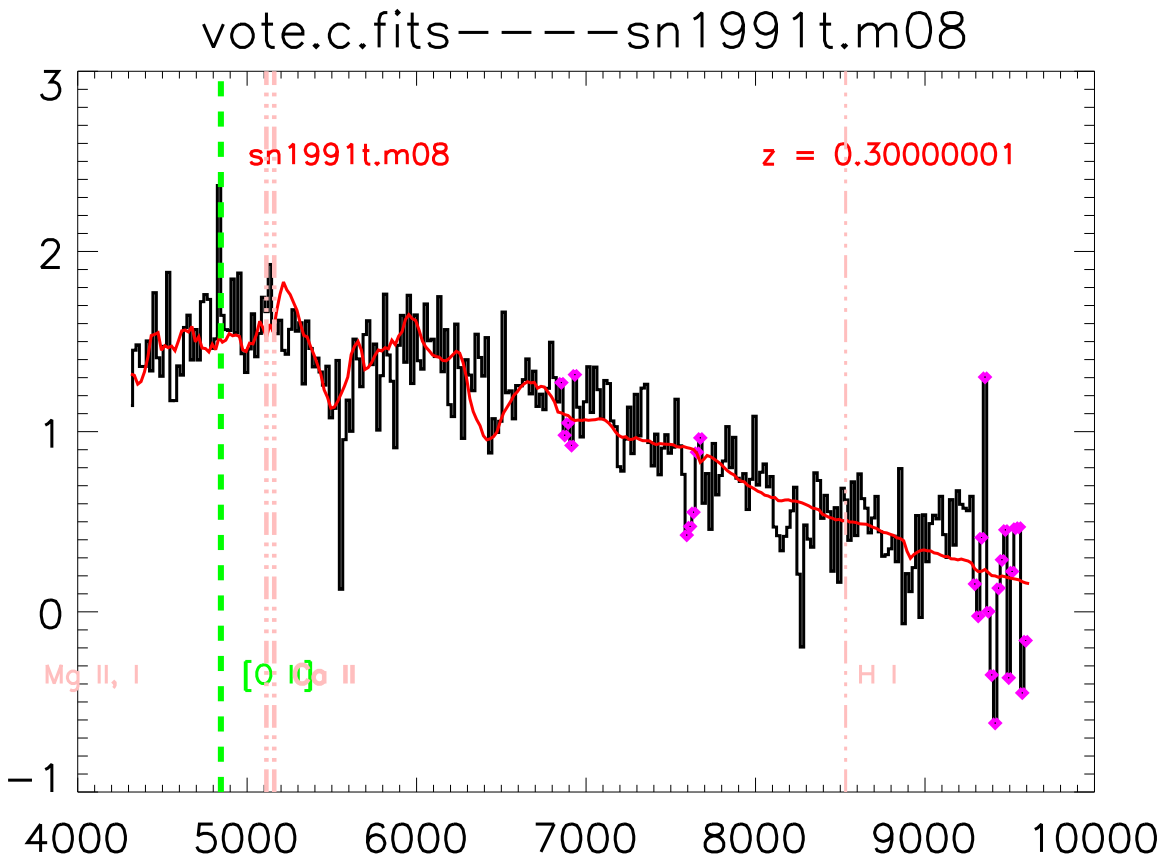
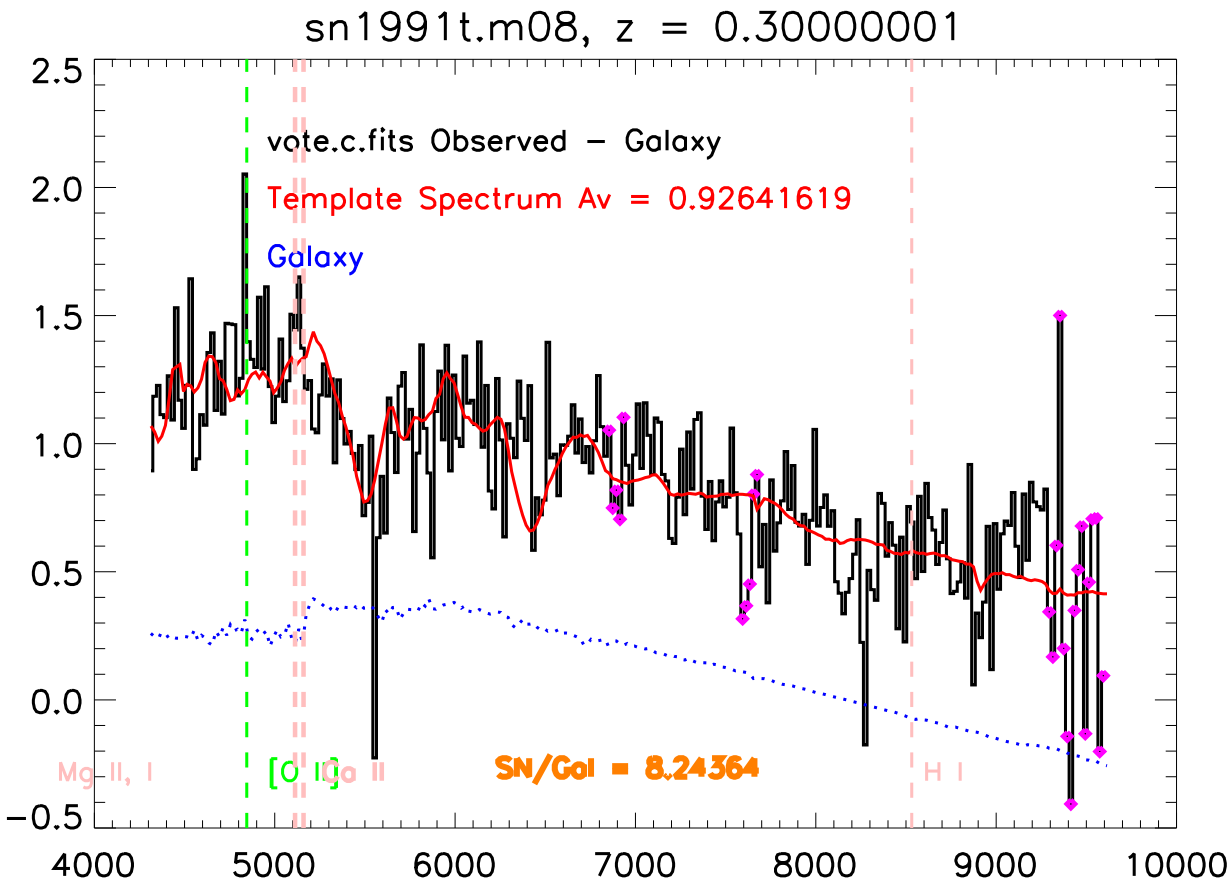
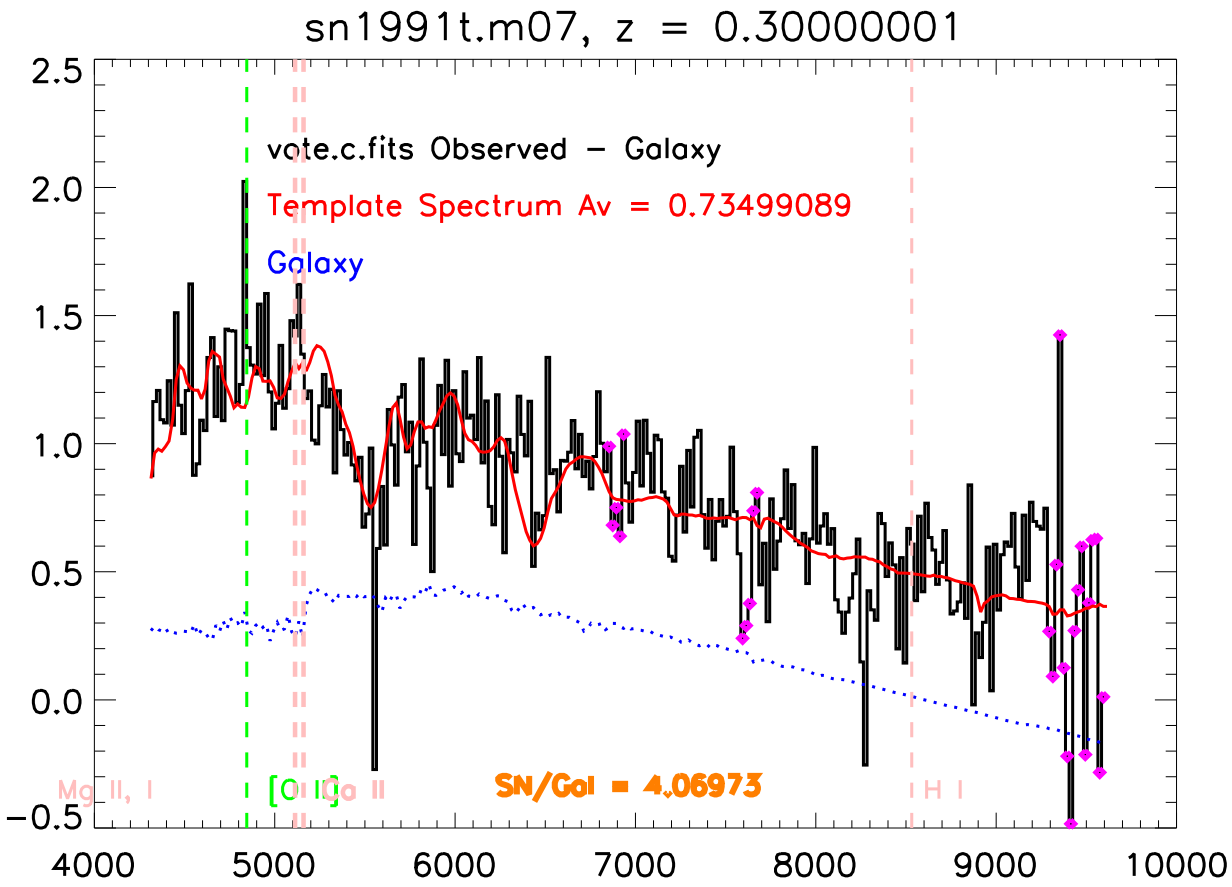
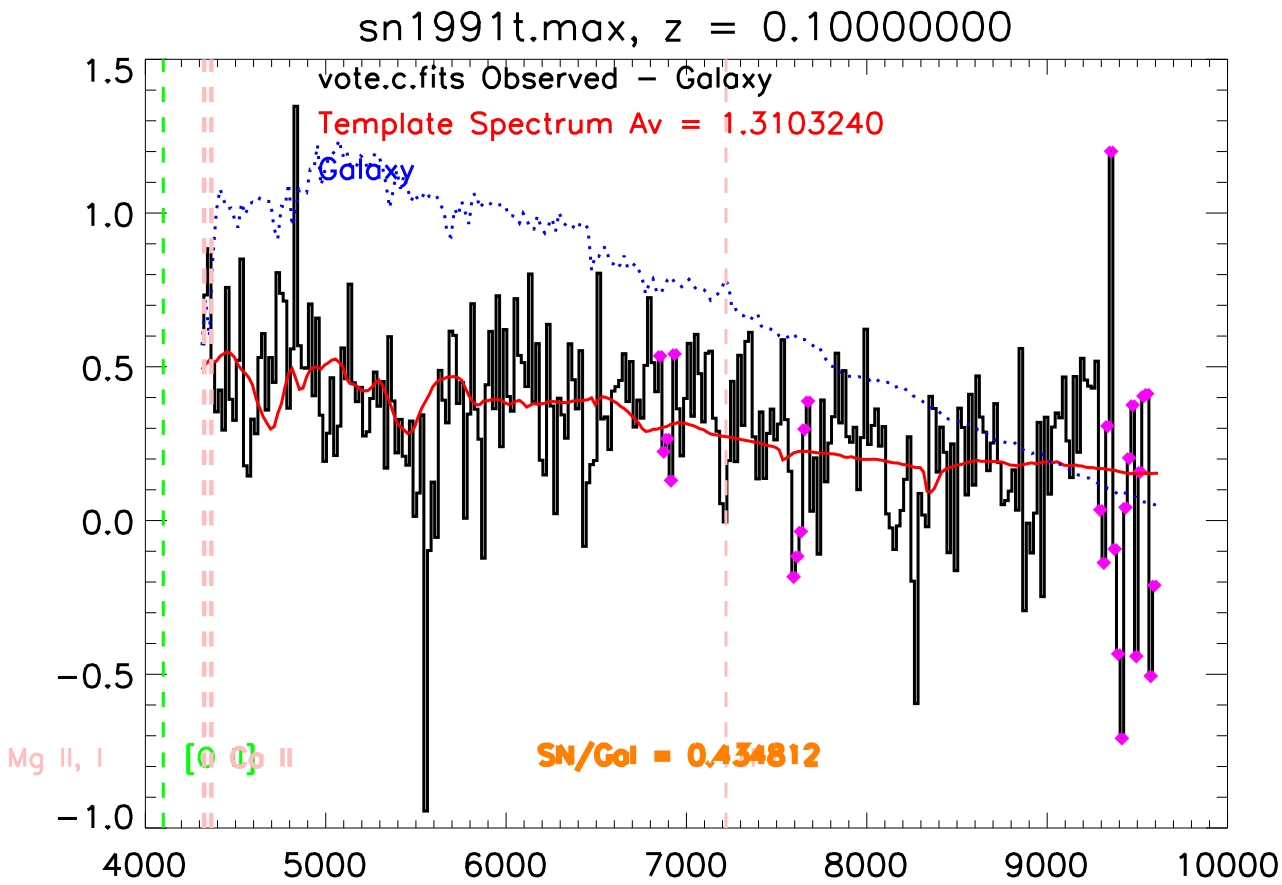
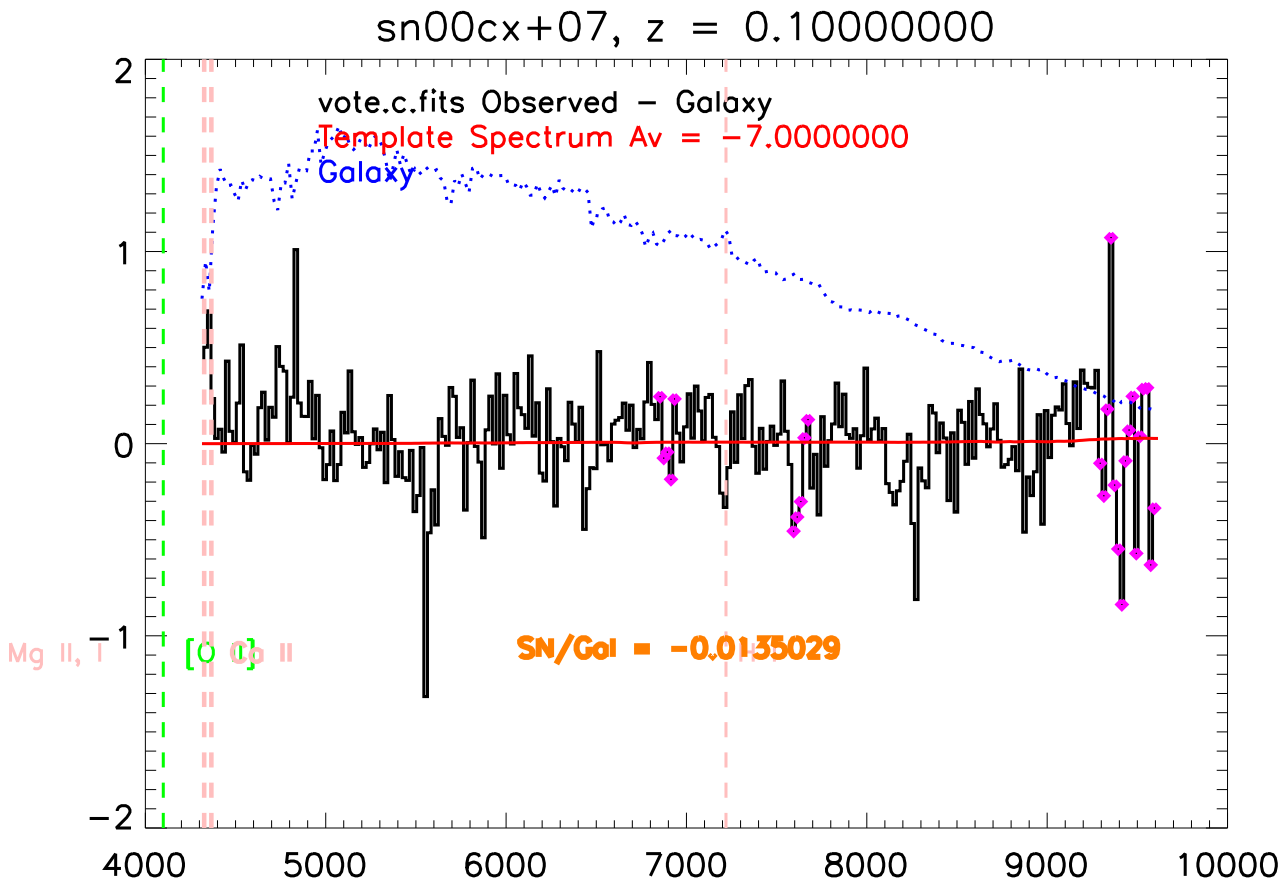

vote.c.fits
sn1991t.m08
sn1991t.m07
sn1991t.max
sn00cx+07
sn00cx+06
sn00cx+02
sn1994d.p11
94lapr10_mmt
sn1994d.p14
3.5
3.0
2.5
2.0
1.5
1.0
0.5
X^2
0.10
0.20
0.30
0.40
z

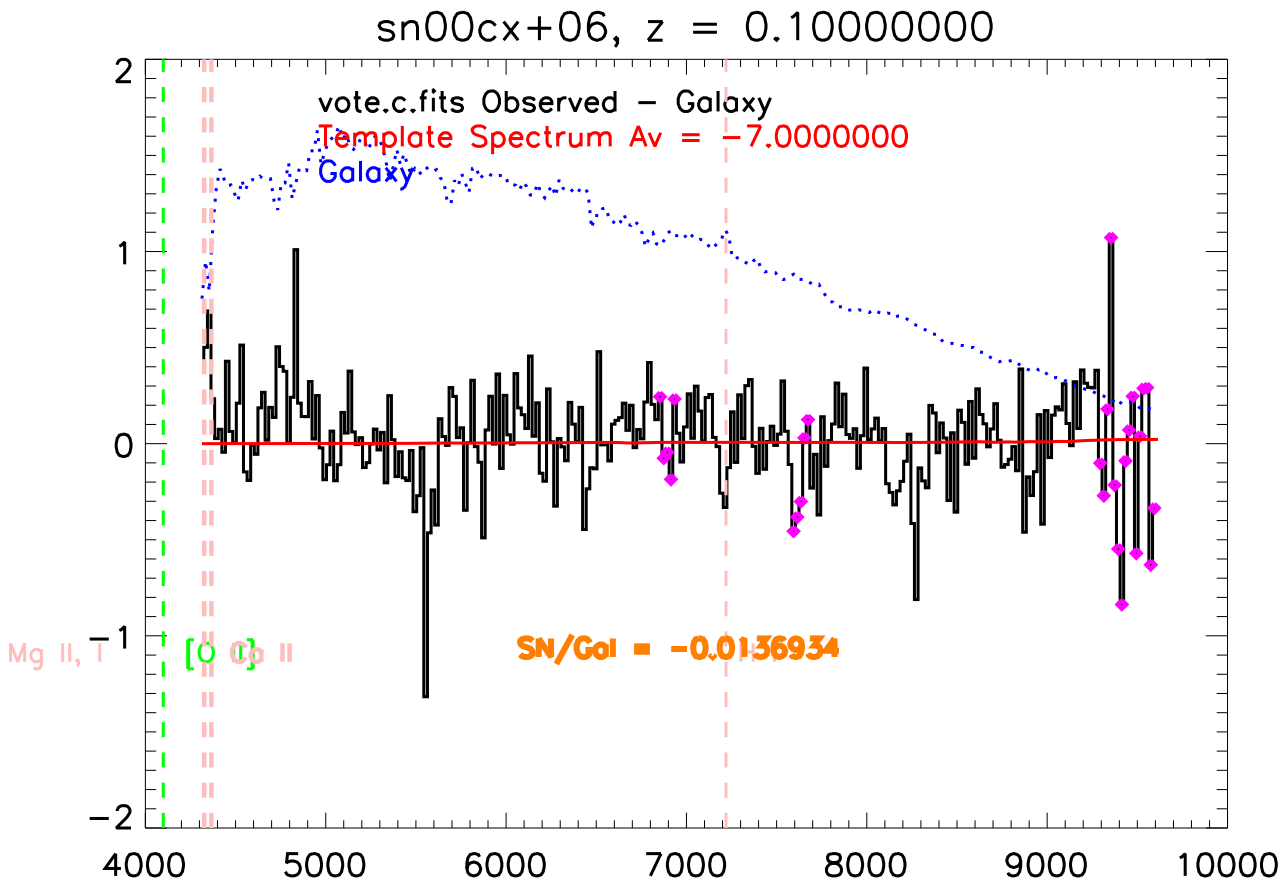

vote.c.fits----sn1991t.m08
sn1991t.m08
z = 0.30000001
Mg II, I
[O II]
H I
3
2
1
0
−1
4000
5000
6000
7000
8000
9000
10000

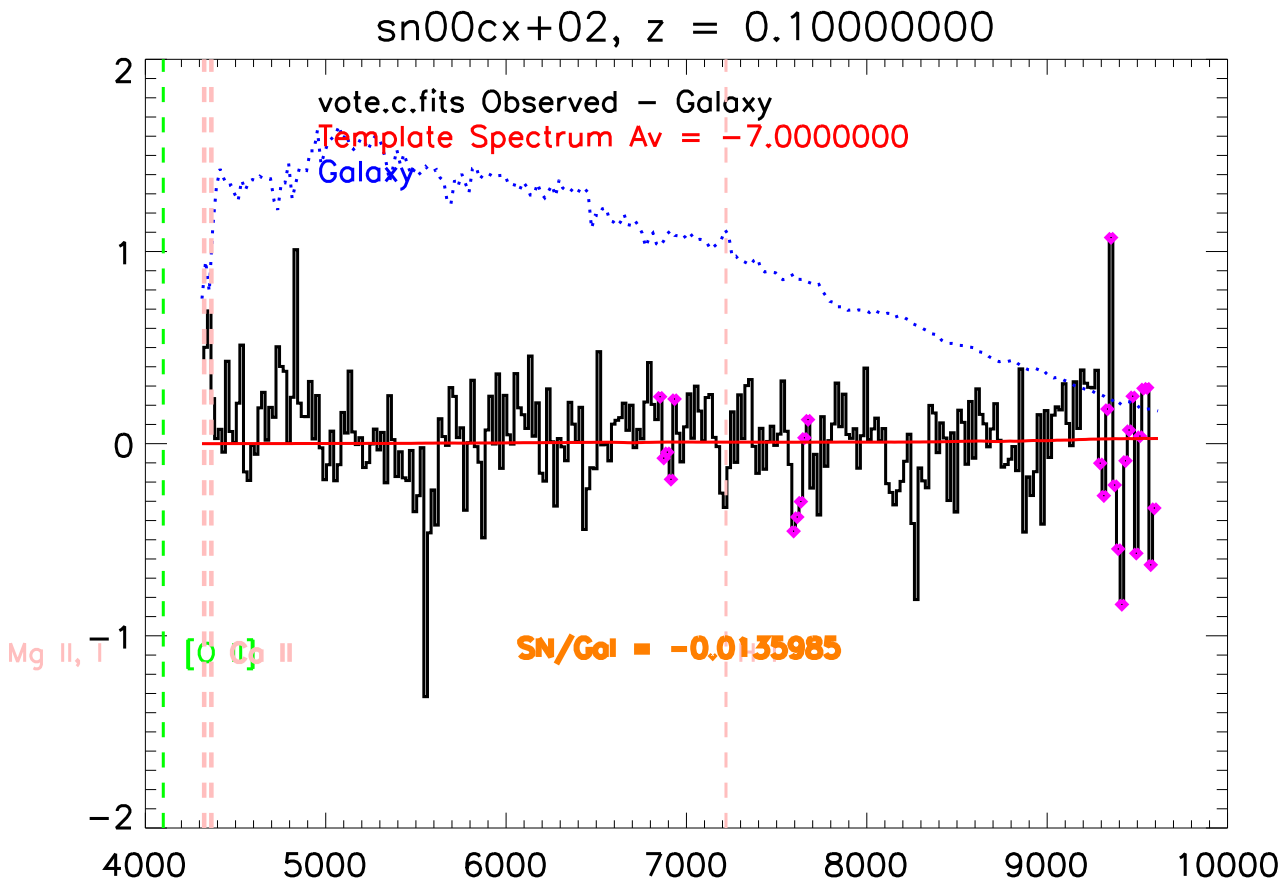

sn1991t.m08, z = 0.30000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = 0.92641619
Galaxy
SN/Gal = 8.24364
Mg II, I
[O II]
Ca II
H I
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
4000
5000
6000
7000
8000
9000
10000

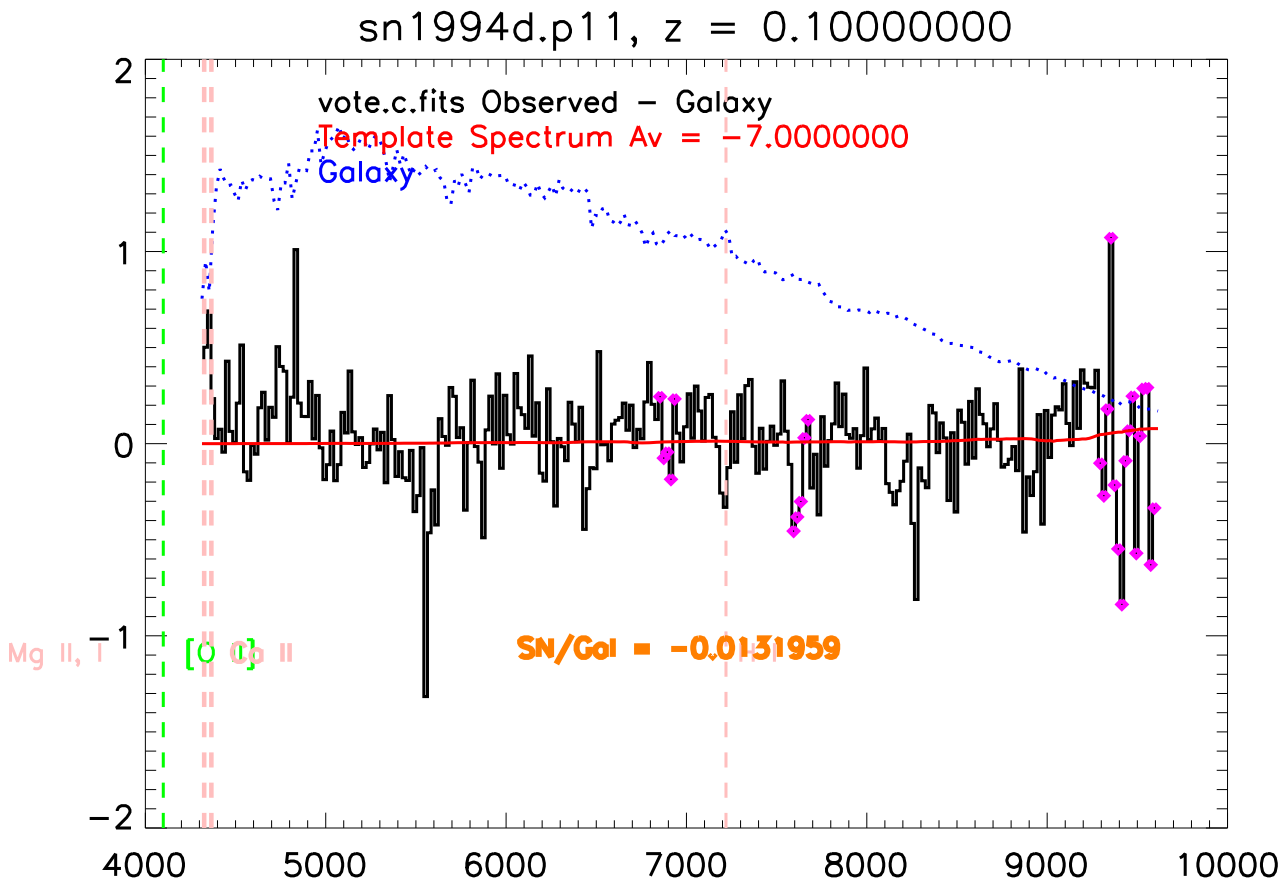

sn1991t.m07, z = 0.30000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = 0.73499089
Galaxy
SN/Gal = 4.06973
Mg II, I
[O II]
Ca II
H I
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
4000
5000
6000
7000
8000
9000
10000

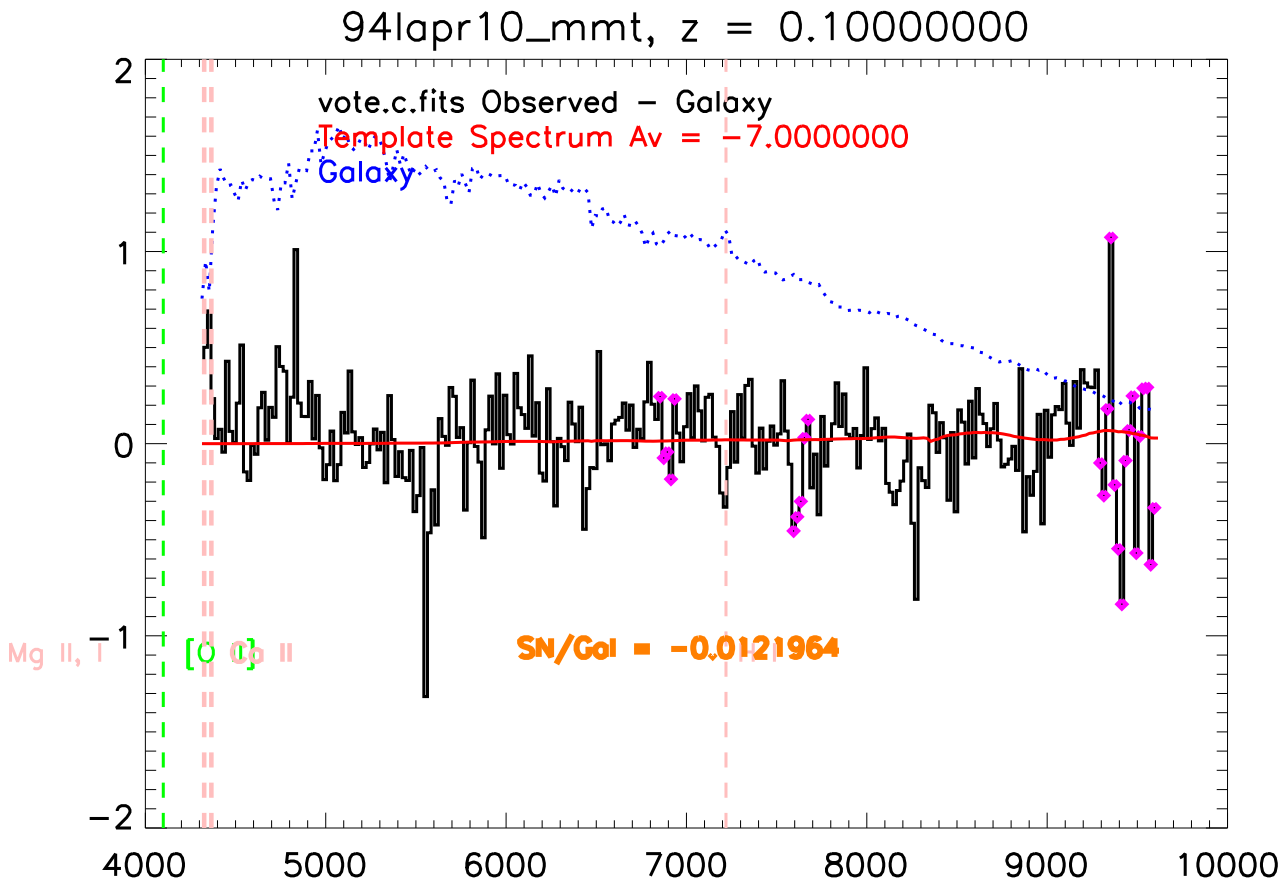

sn1991t.max, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = 1.3103240
Galaxy
SN/Gal = 0.434812
Mg II, I
[O II]
1.5
1.0
0.5
0.0
−0.5
−1.0
4000
5000
6000
7000
8000
9000
10000

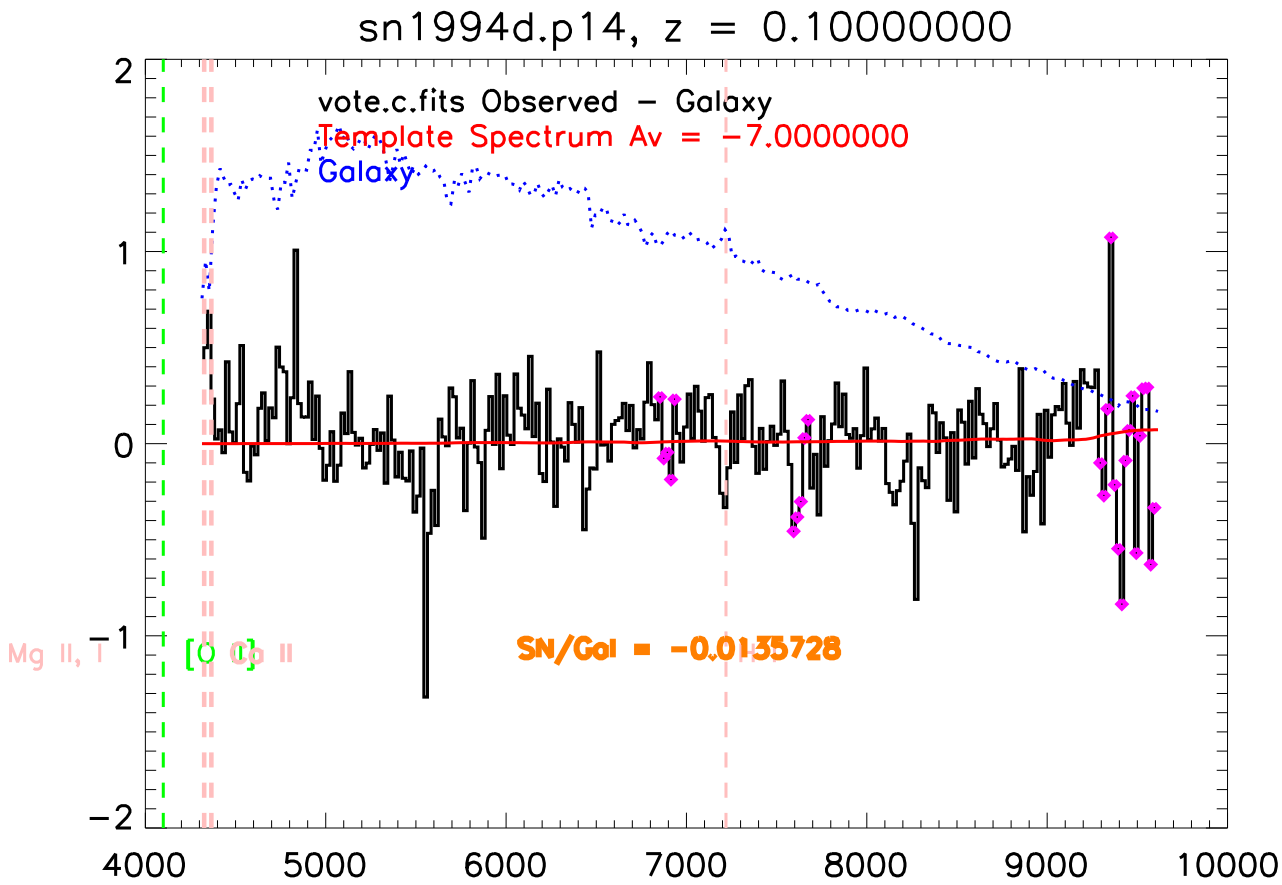

sn00cx+07, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0135029
Mg II, T
[O II]
Mg II
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

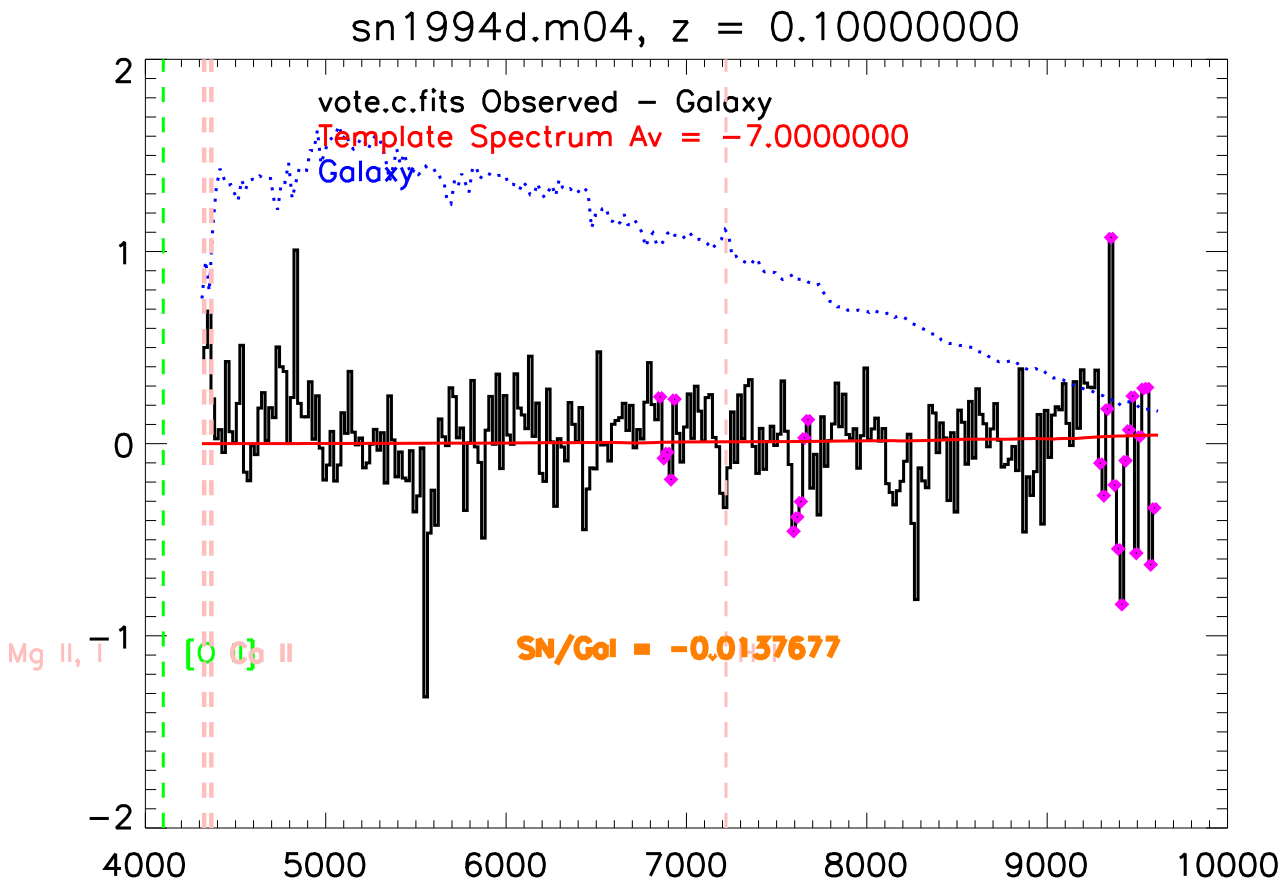

sn00cx+06, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0136934
Mg II, T
[O II]
Mg II
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

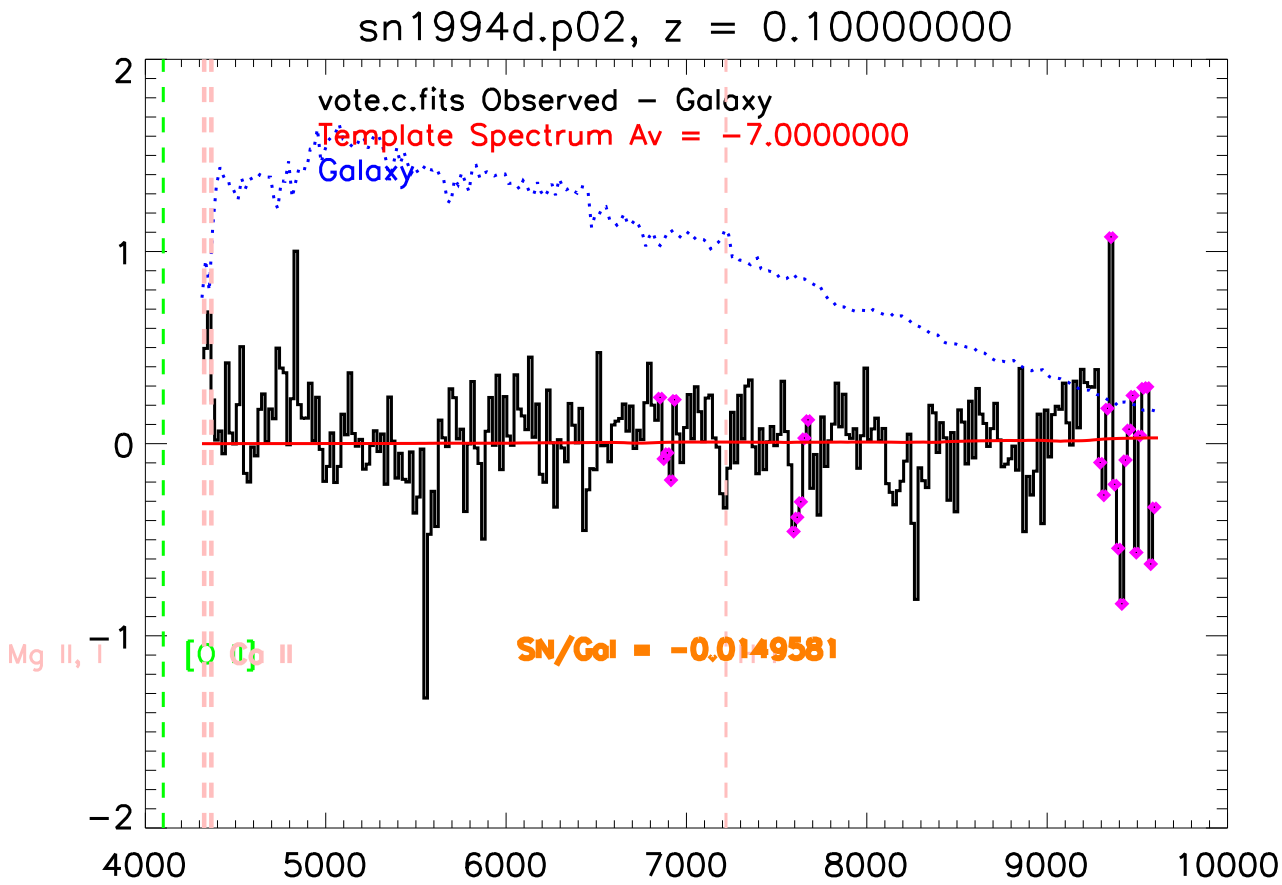

sn00cx+02, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0135985
Mg II, T
[O II]
Ca II
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

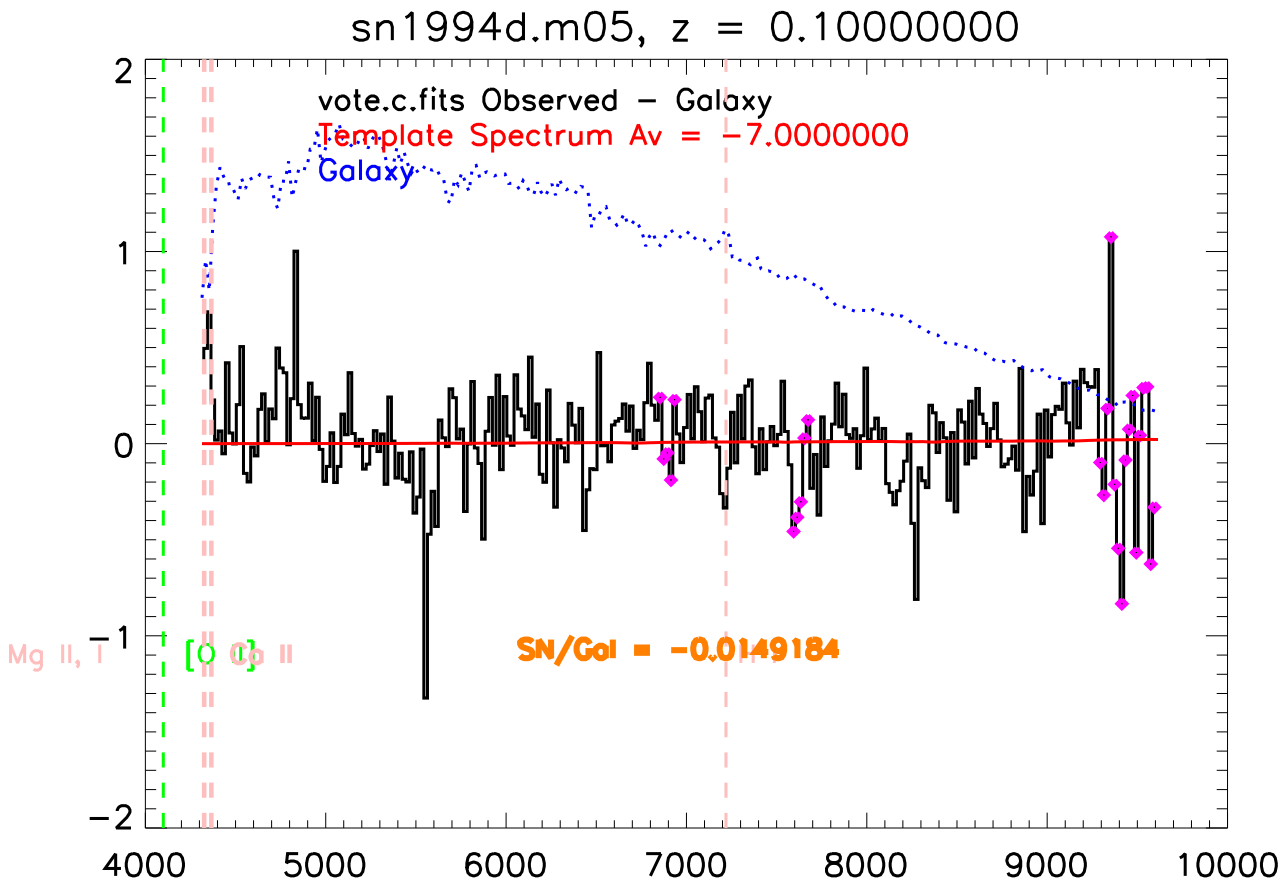

sn1994d.p11, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0131959
Mg II, T
[O II]
Mg II
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

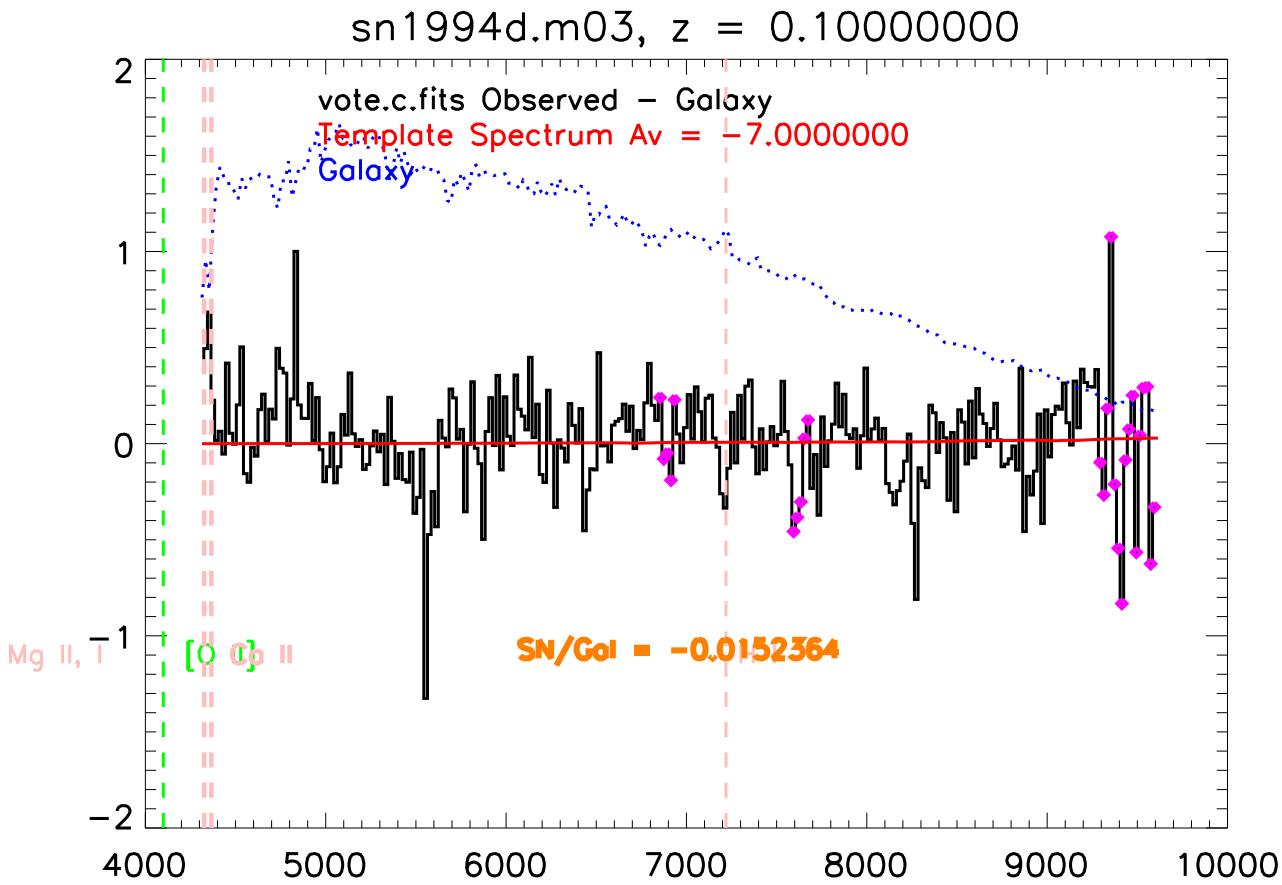

94lapr10_mmt, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0121964
Mg II, T
[O II]
Mg II
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

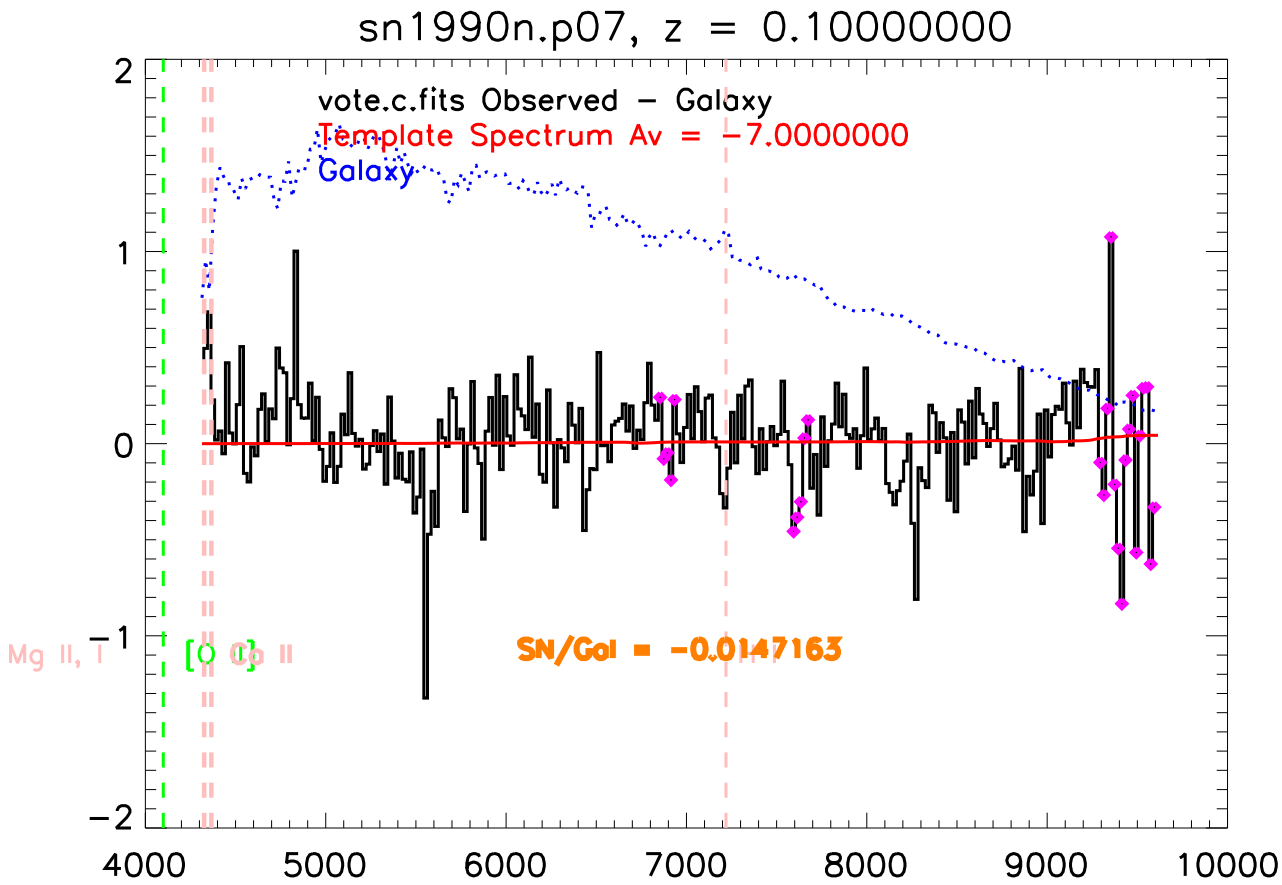

sn1994d.p14, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0135728
Mg II, T
[O II]
Ca II
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

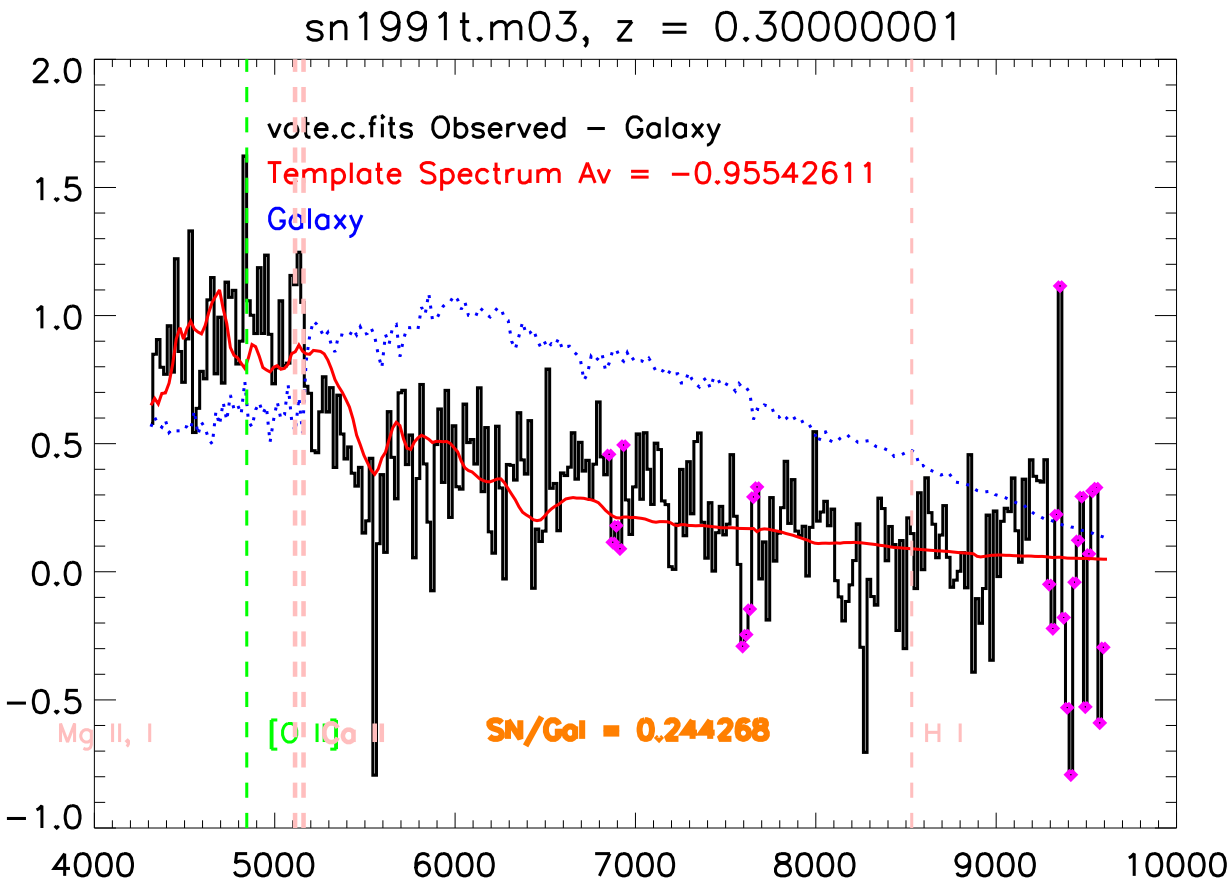

sn1994d.m04, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0137677
Mg II, T
[O II]
Ca II
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

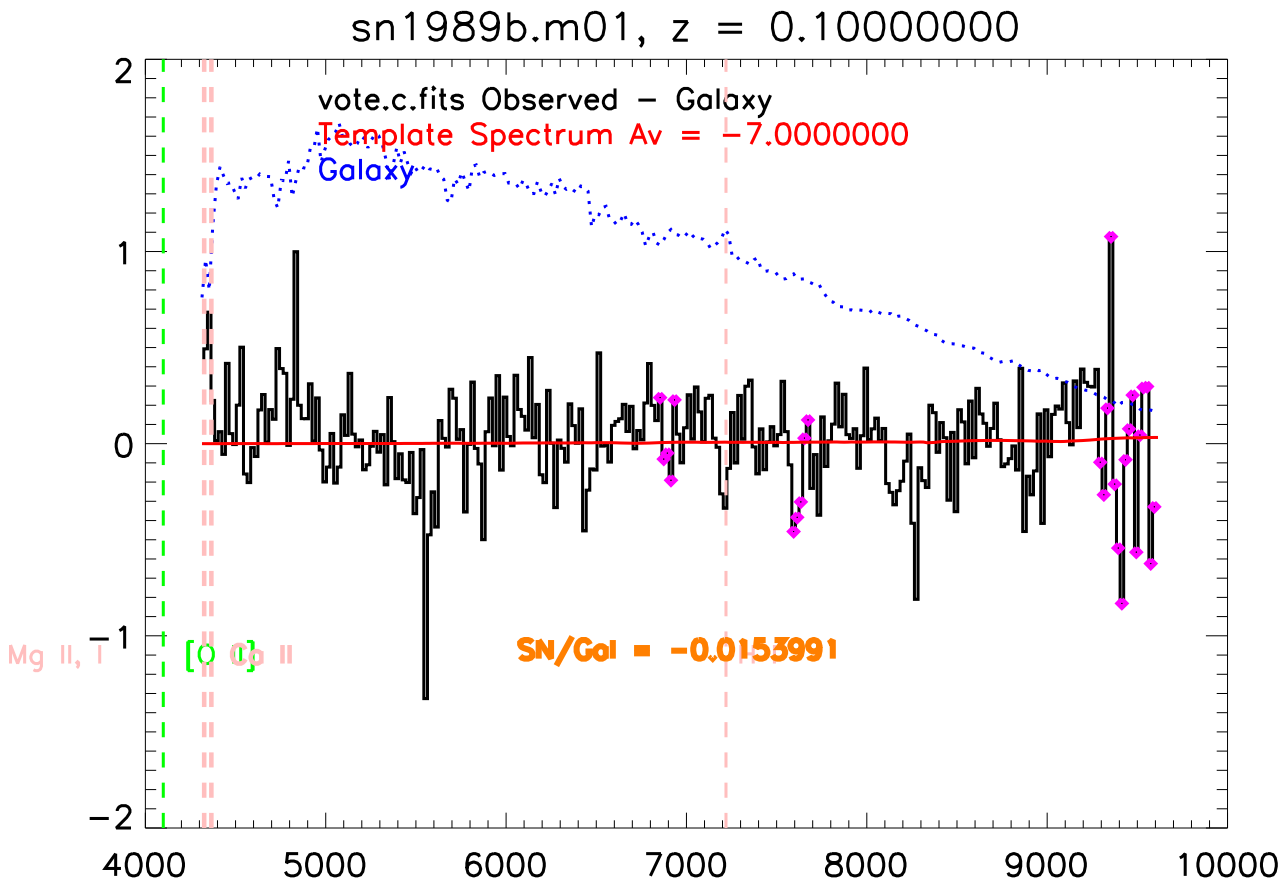

sn1994d.p02, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0149581
Mg II, T
[O II]
Ca II
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

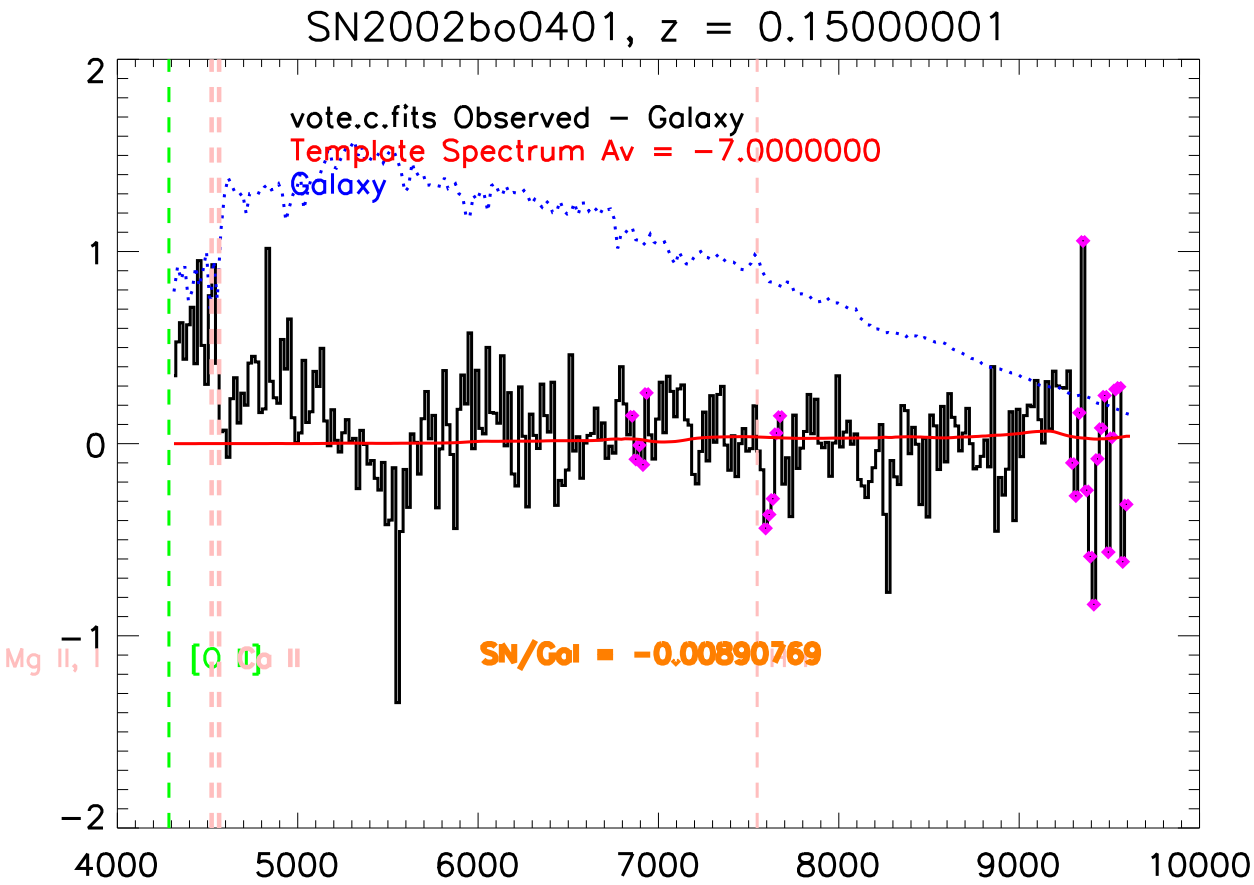

sn1994d.m05, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0149184
Mg II, T
[O II]
Ca II
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

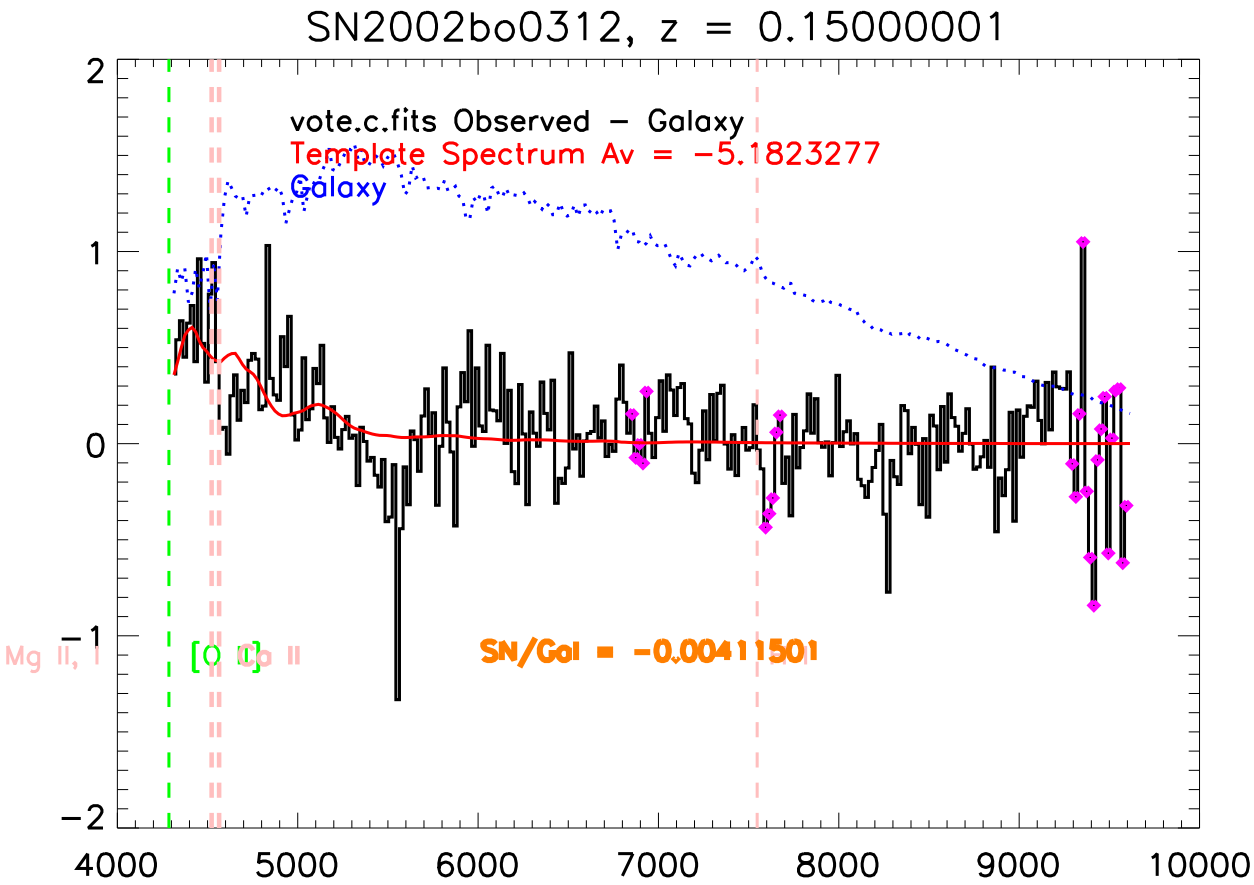

sn1994d.m03, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0152364
Mg II, T
[O II]
Ca II
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

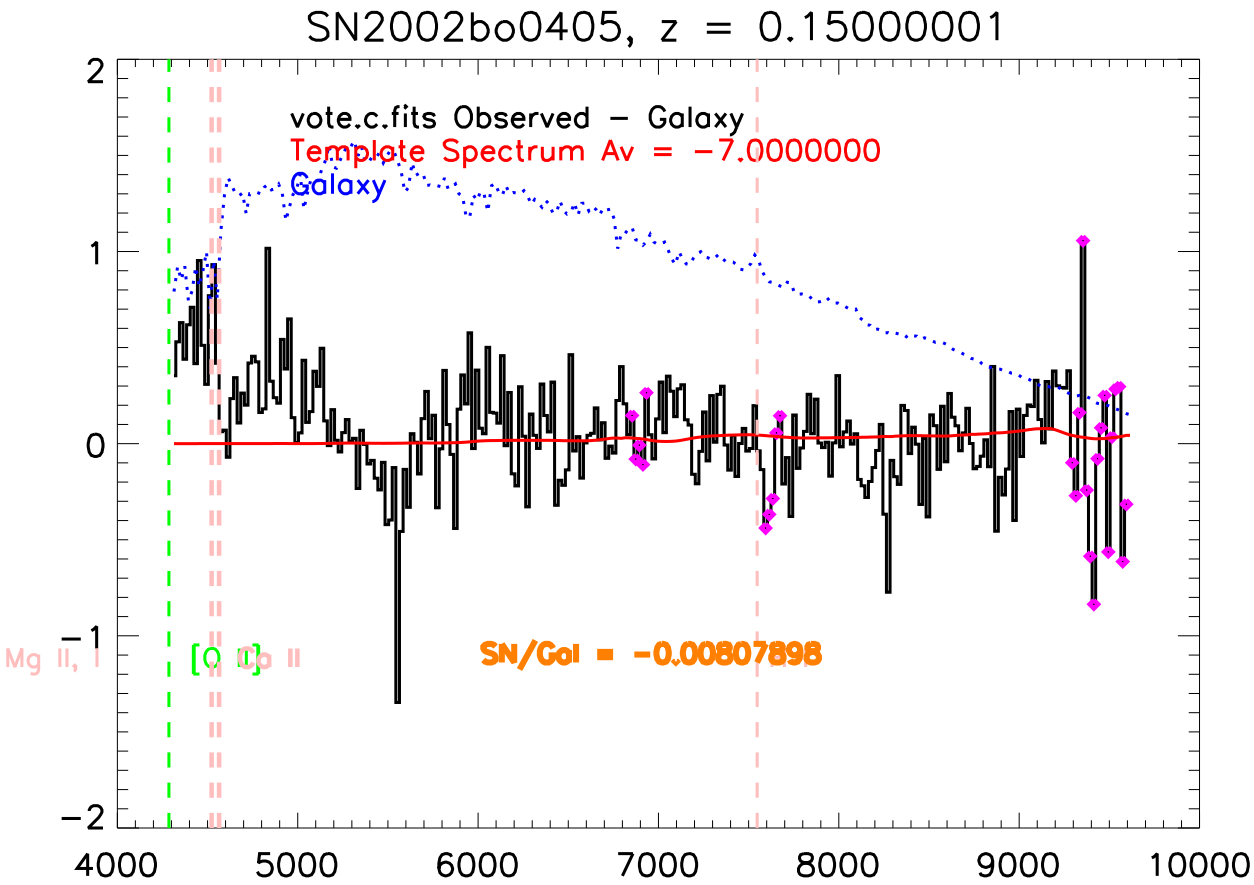

sn1990n.p07, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0147163
Mg II, T
[O II]
Ca II
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

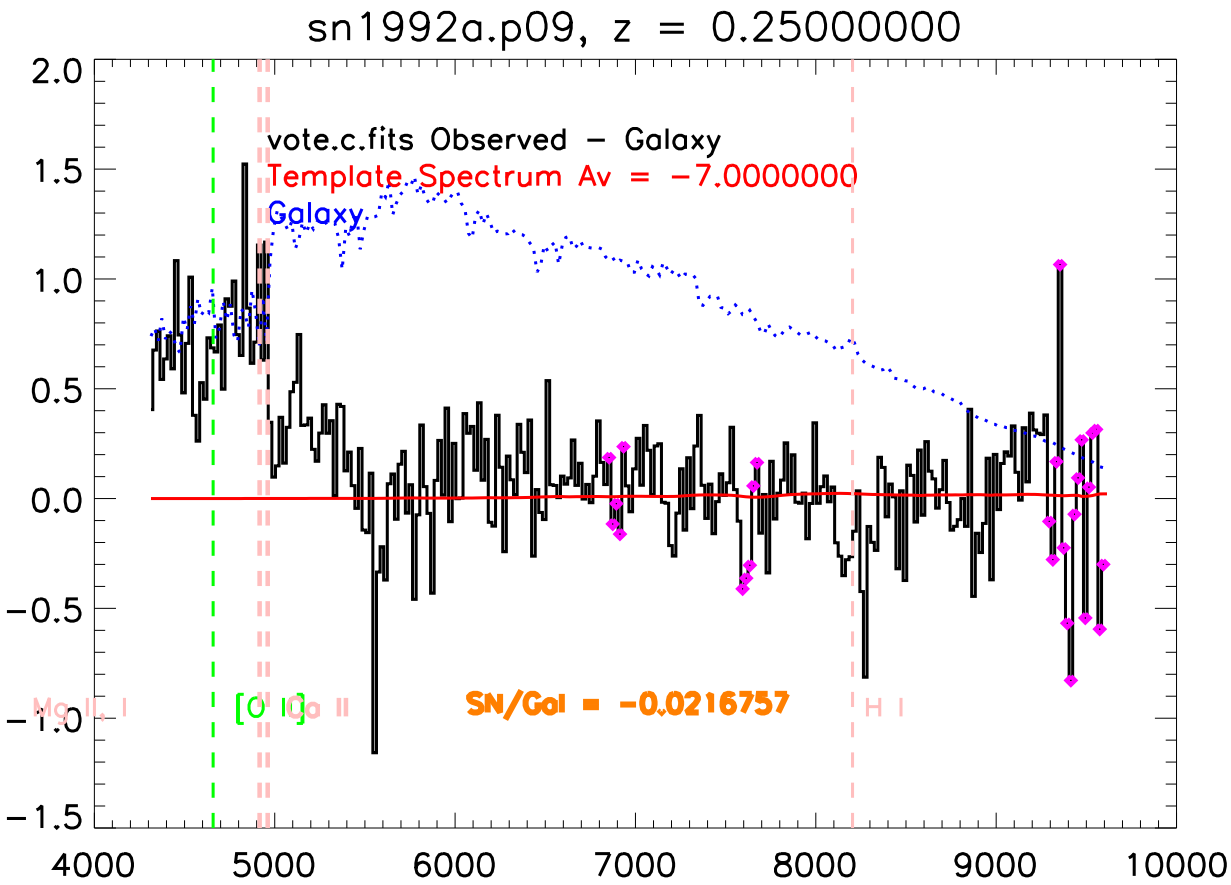

sn1991t.m03, z = 0.30000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −0.95542611
Galaxy
SN/Gal = 0.244268
Mg II, I
[O II]
Ca II
H I
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
4000
5000
6000
7000
8000
9000
10000

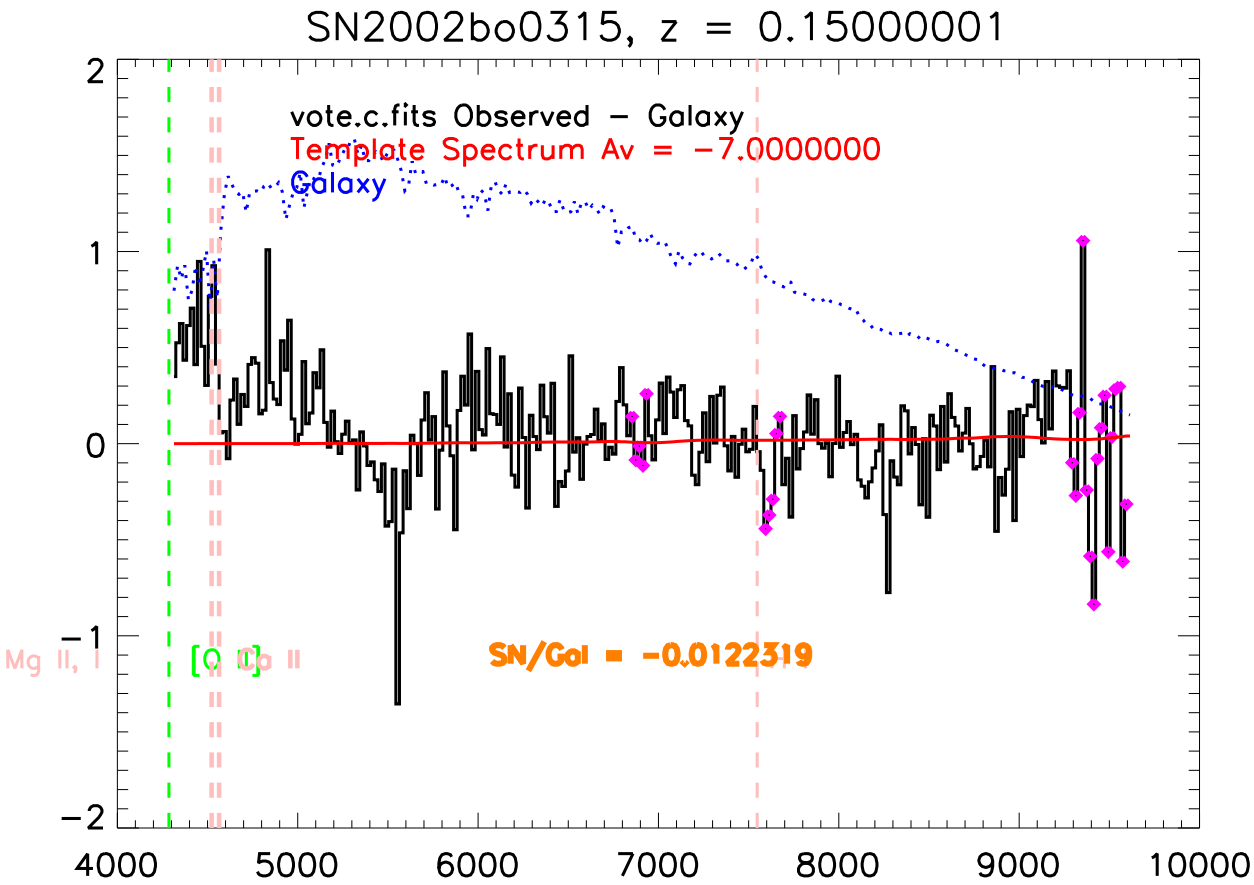

sn1989b.m01, z = 0.10000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0153991
Mg II, T
[O II]
Ca II
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

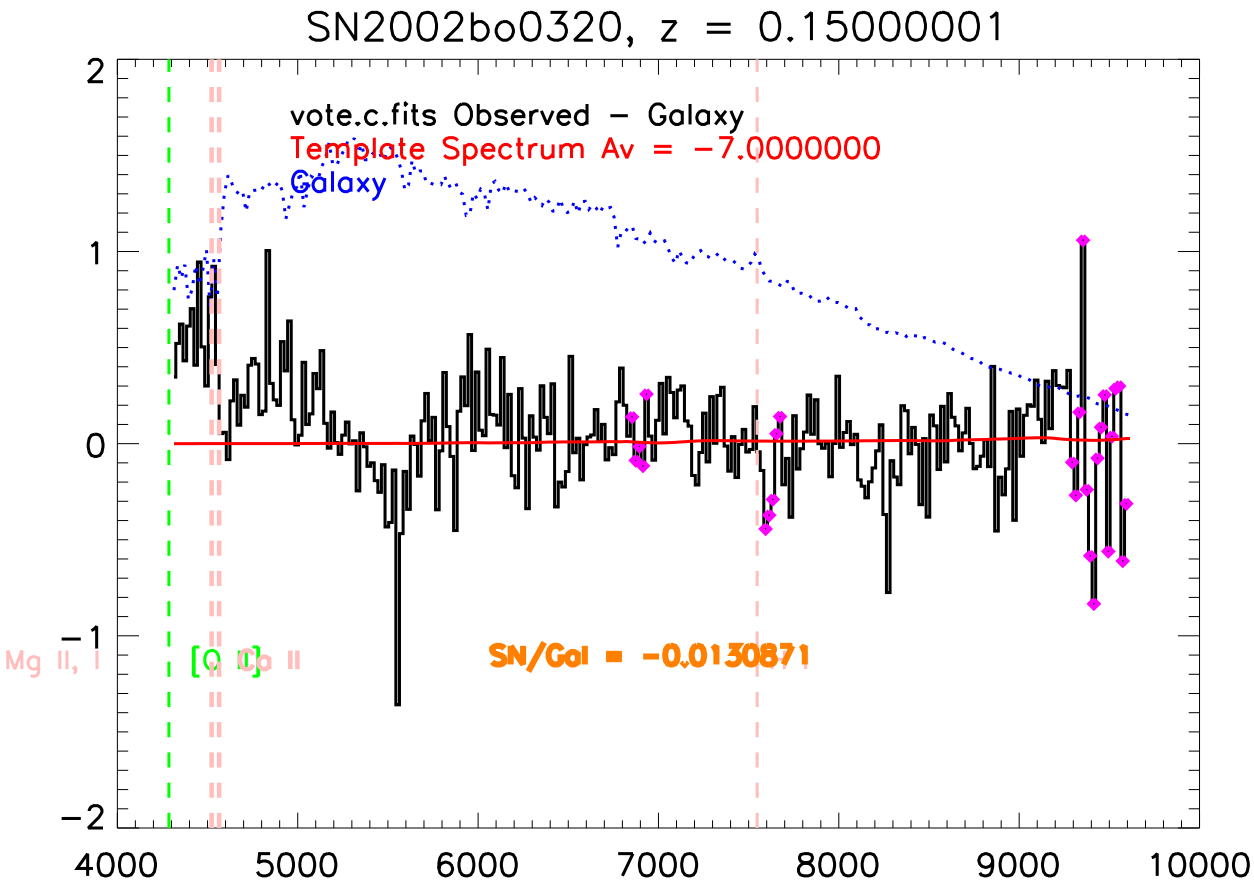

SN2002bo0401, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = −0.00890769
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

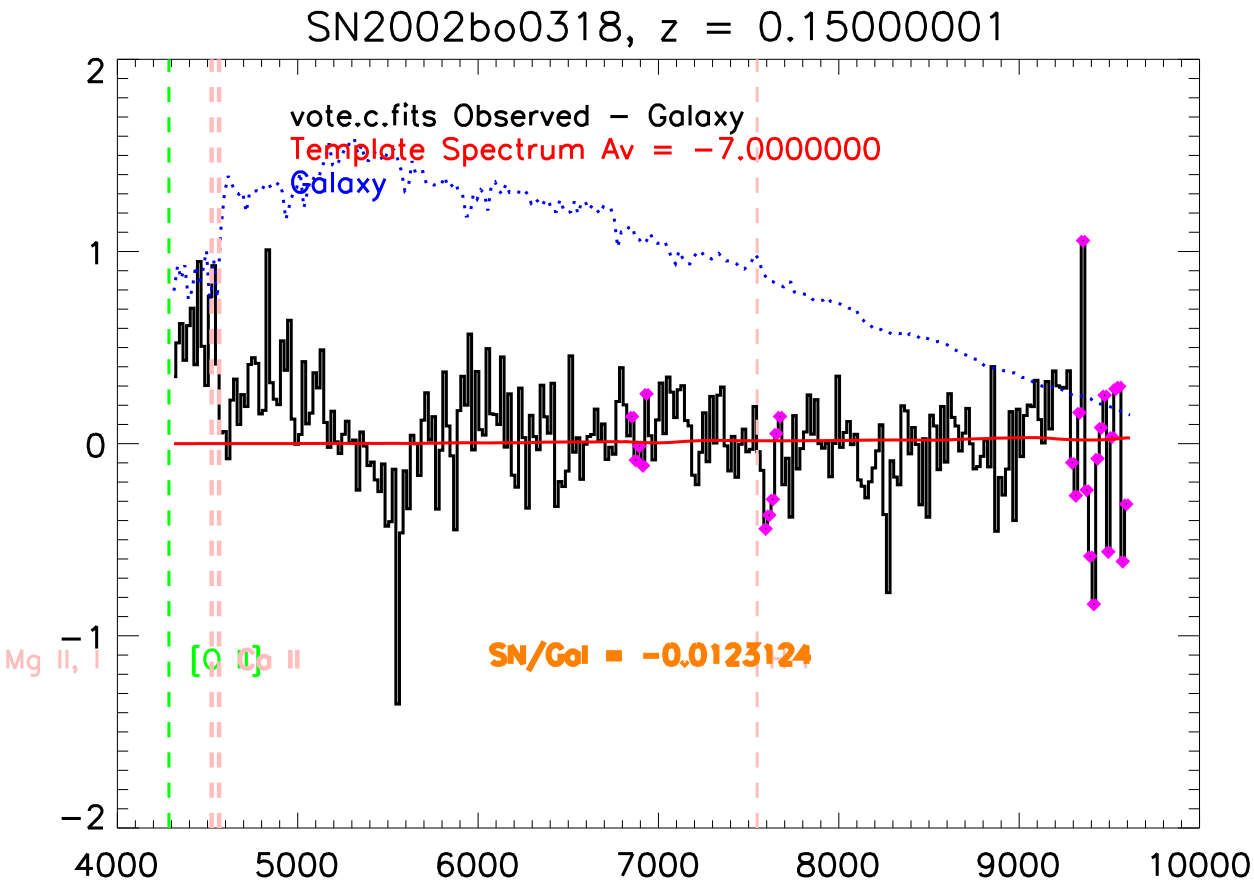

SN2002bo0312, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −5.1823277
Galaxy
SN/Gal = −0.0041501
Mg II, I
[O II]
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

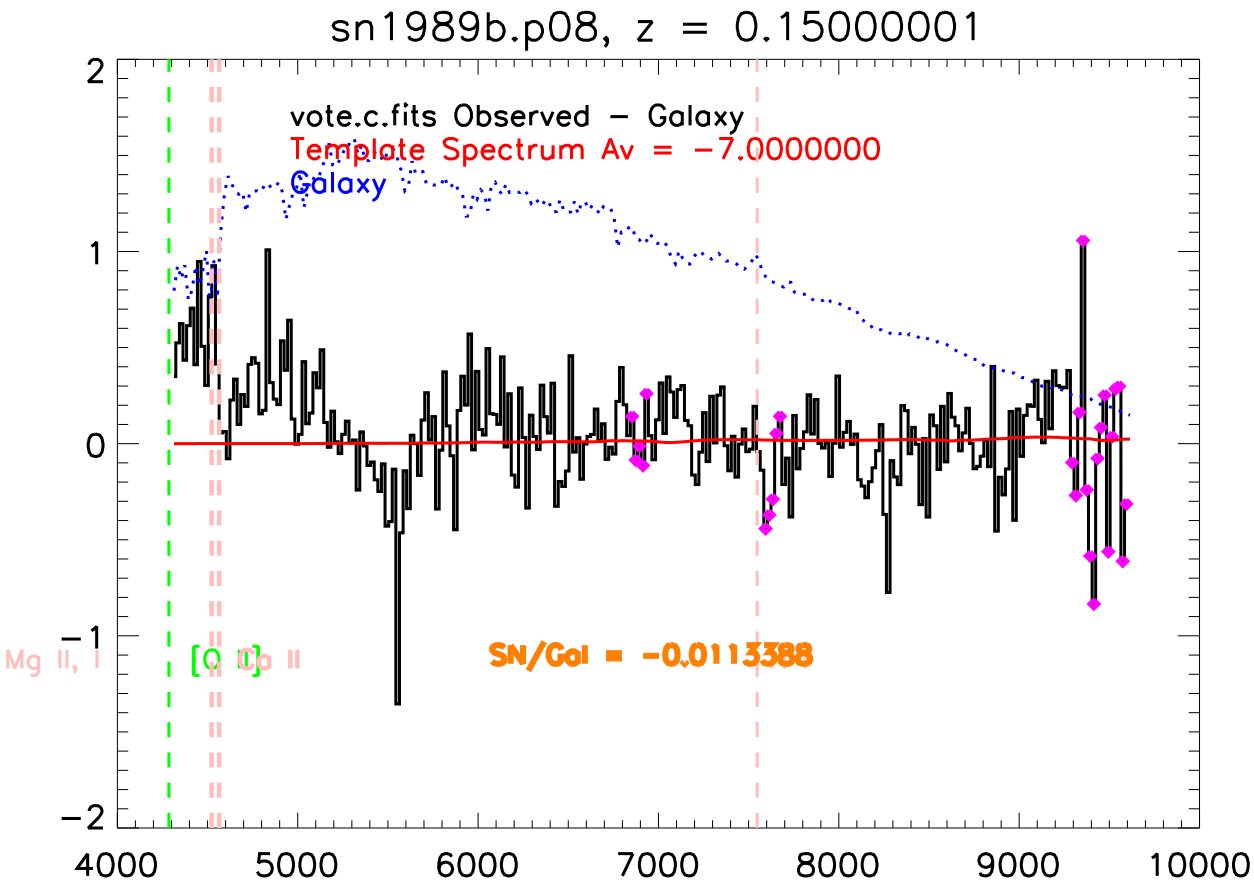

SN2002bo0405, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = −0.00807898
[O II]
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

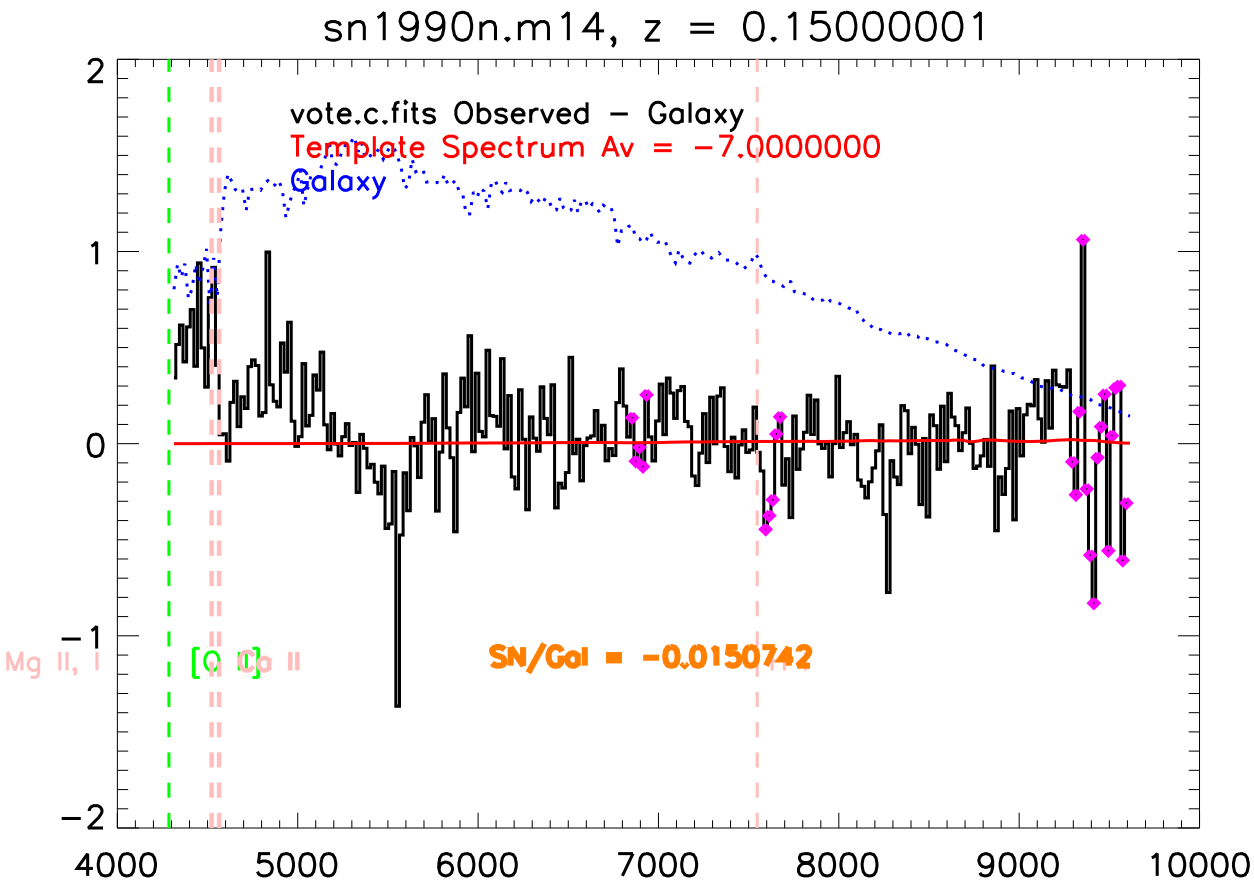

sn1992a.p09, z = 0.25000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = −0.0216757
[O II]
H I
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
4000
5000
6000
7000
8000
9000
10000

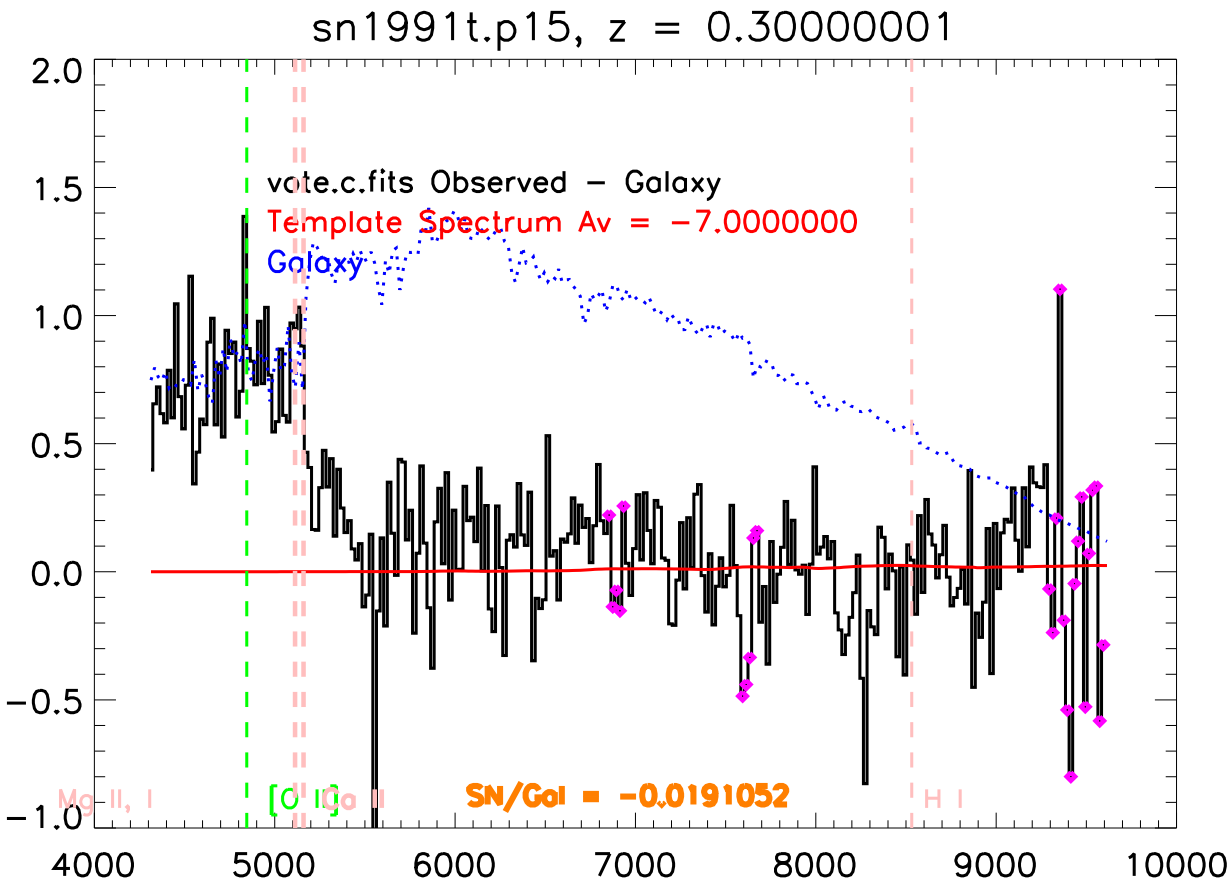

SN2002bo0315, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0122319
[O II]
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

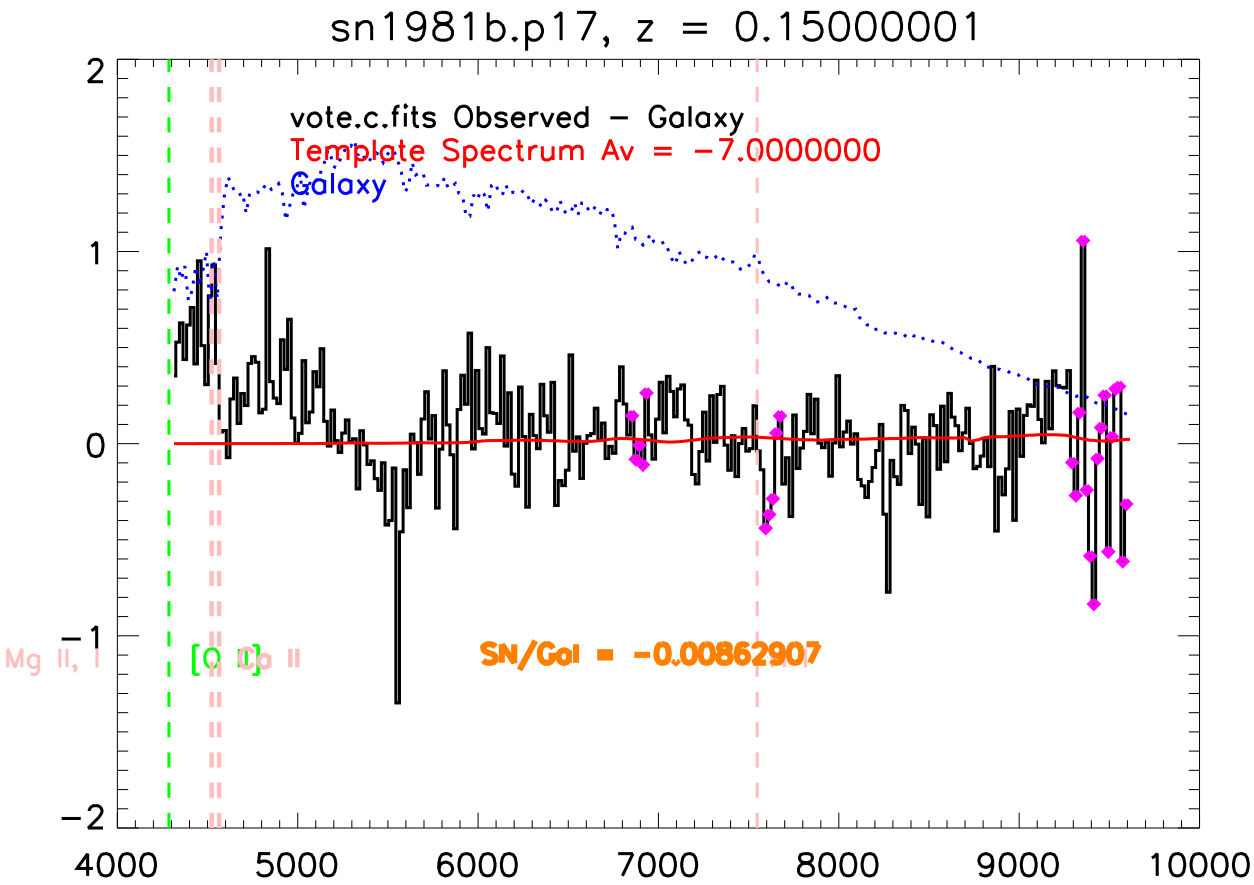

SN2002bo0320, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0130871
[O II]
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

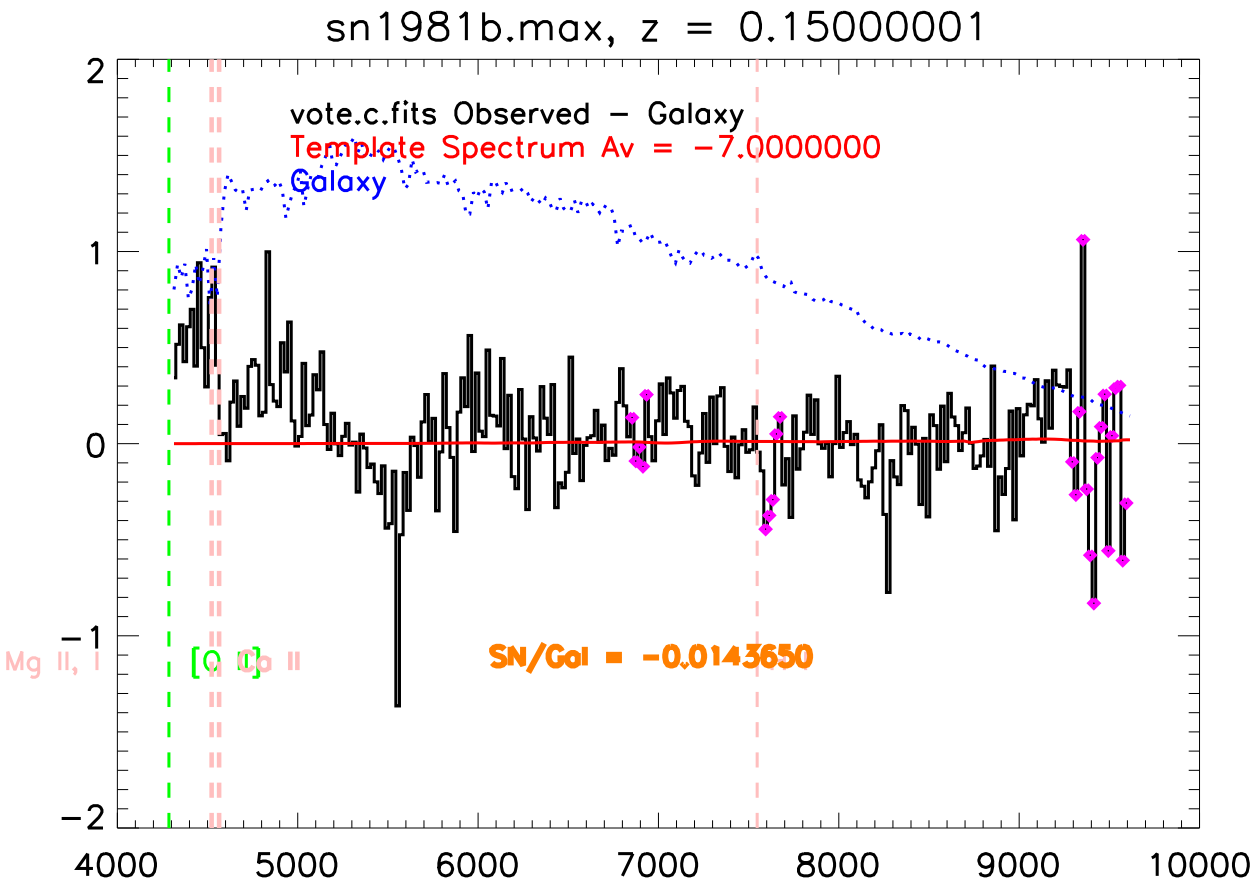

SN2002bo0318, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0123124
[O II]
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

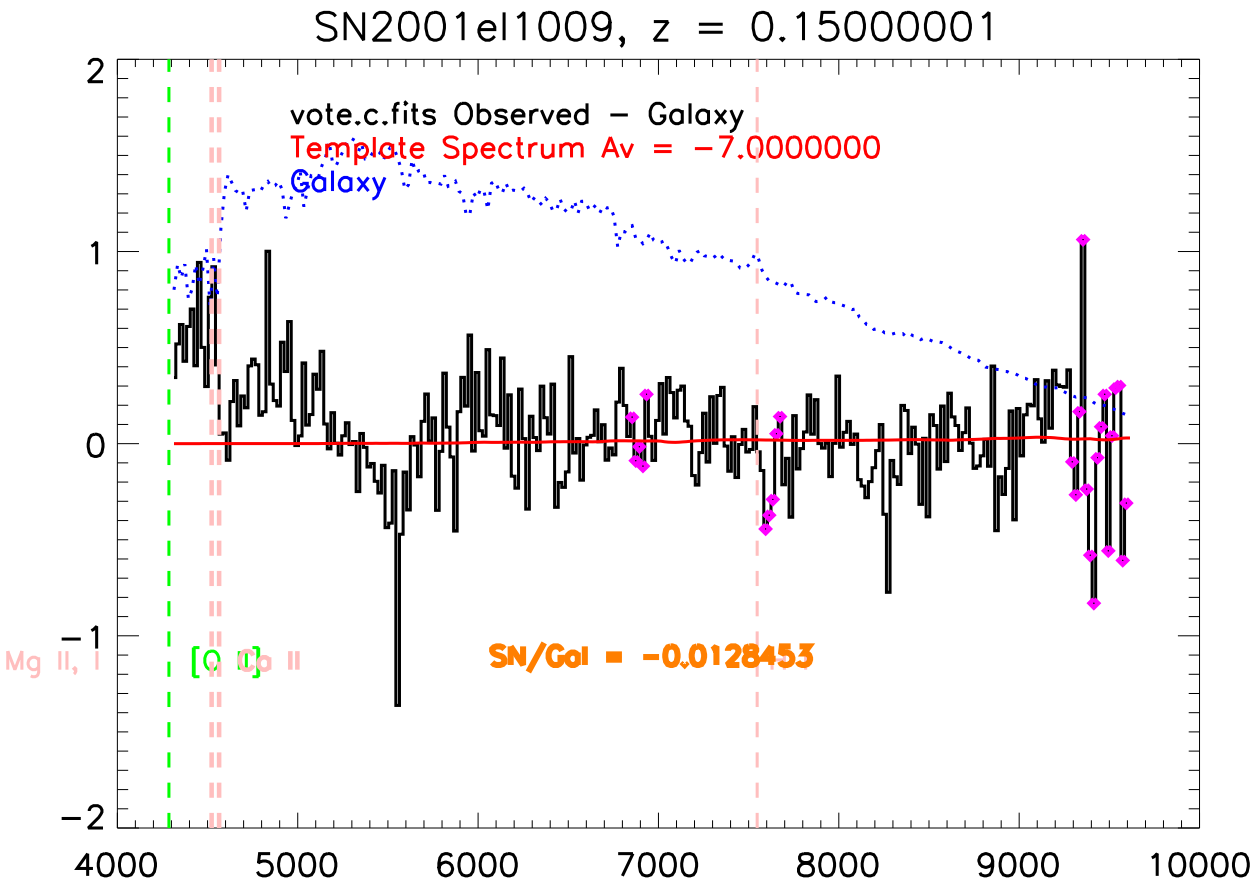

sn1989b.p08, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0113388
[O II]
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

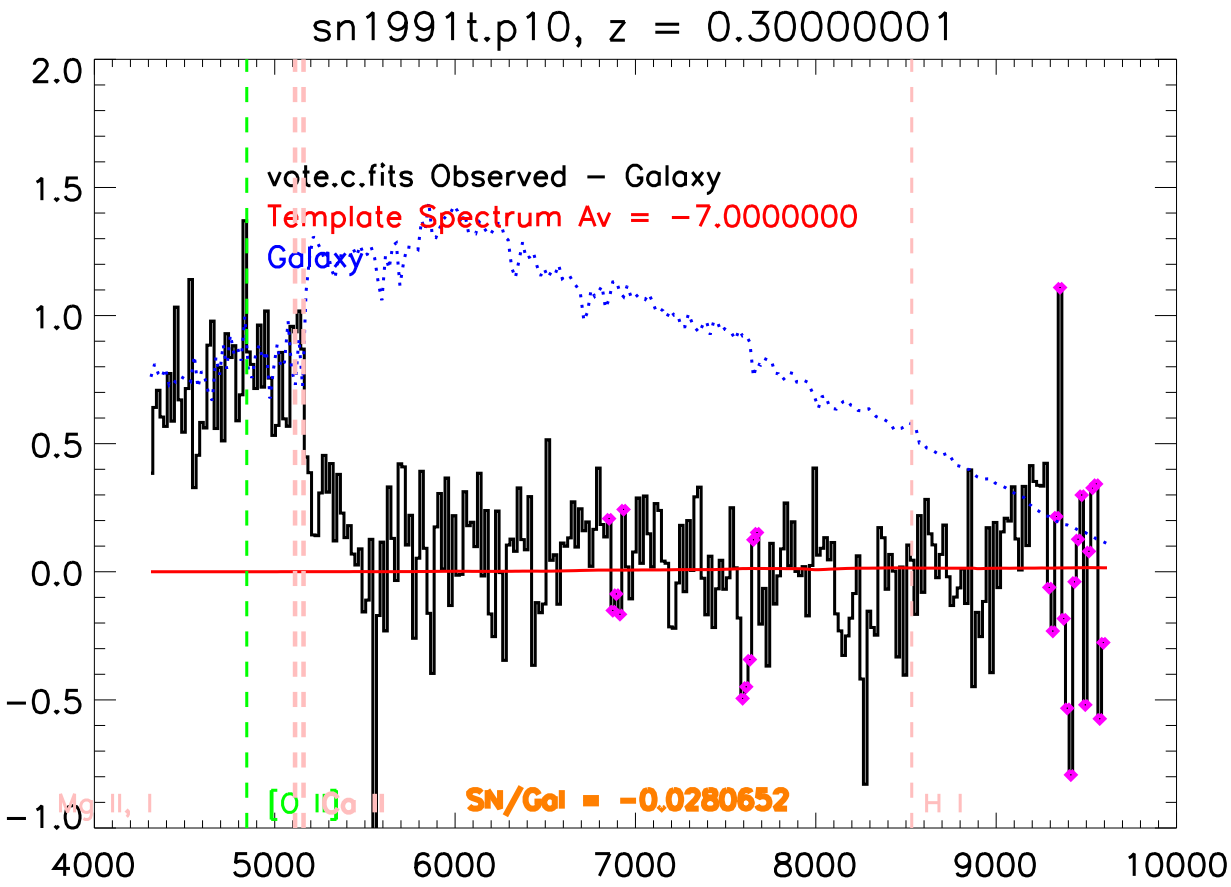

sn1990n.m14, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = −0.0150742
[O II]
Mg II, I
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

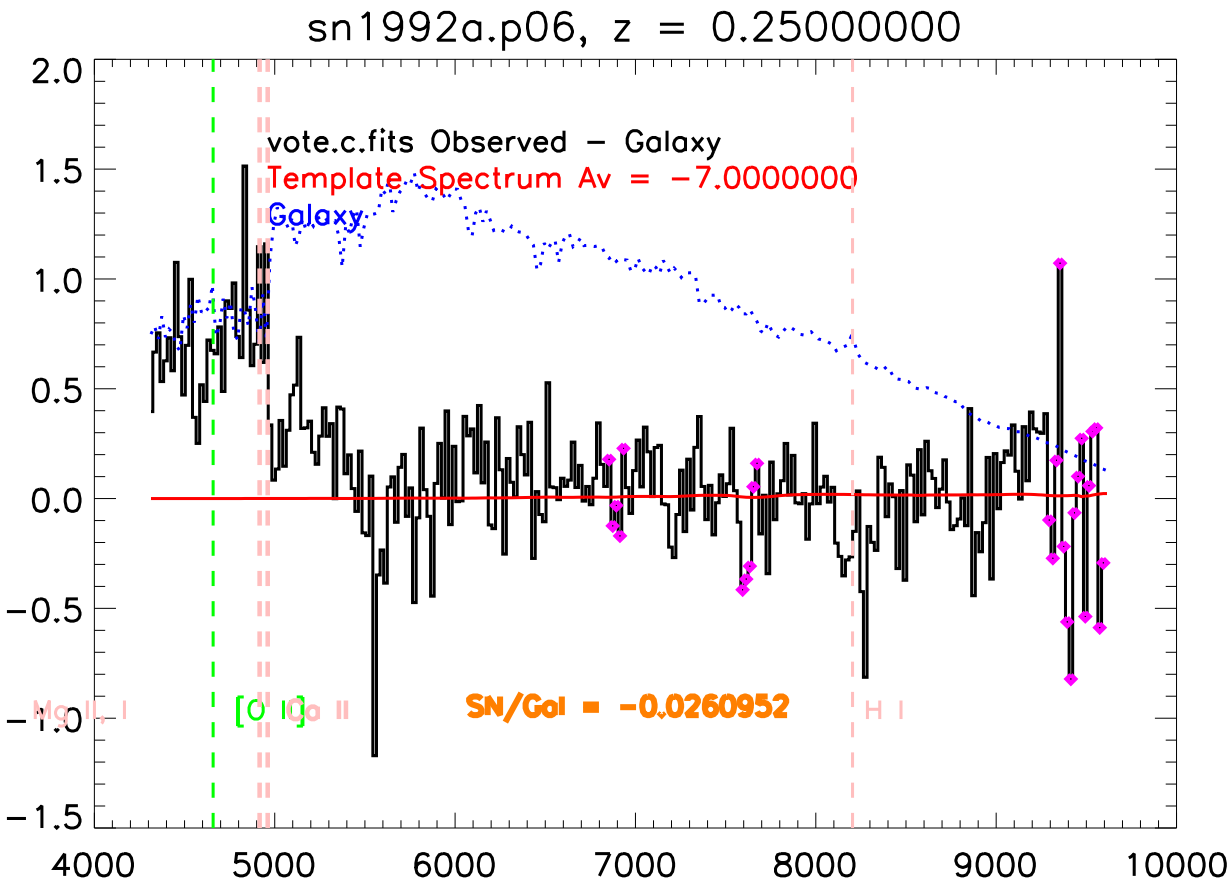

sn1991t.p15, z = 0.30000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = −0.0191052
Mg II, I
[O II]
Ca II
H I
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
4000
5000
6000
7000
8000
9000
10000

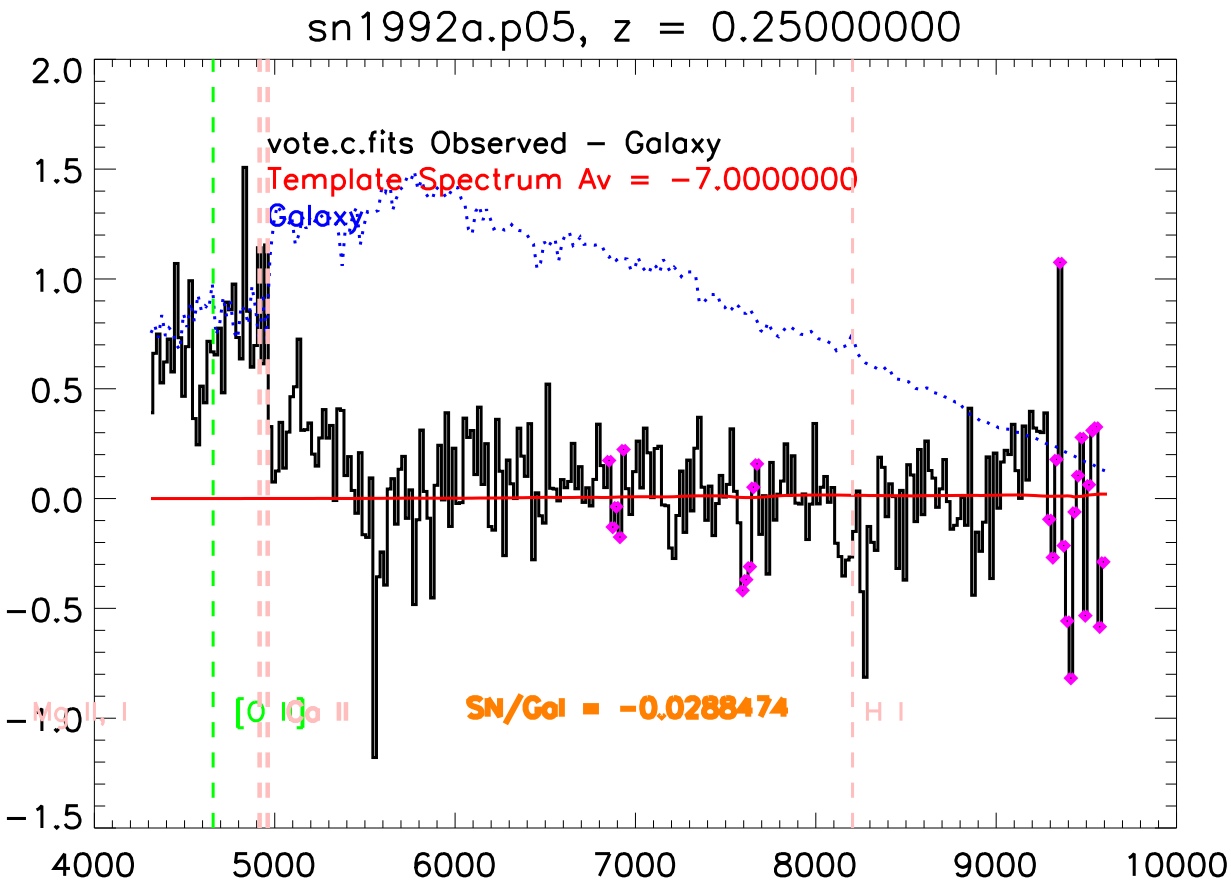

sn1981b.p17, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = −0.00862907
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

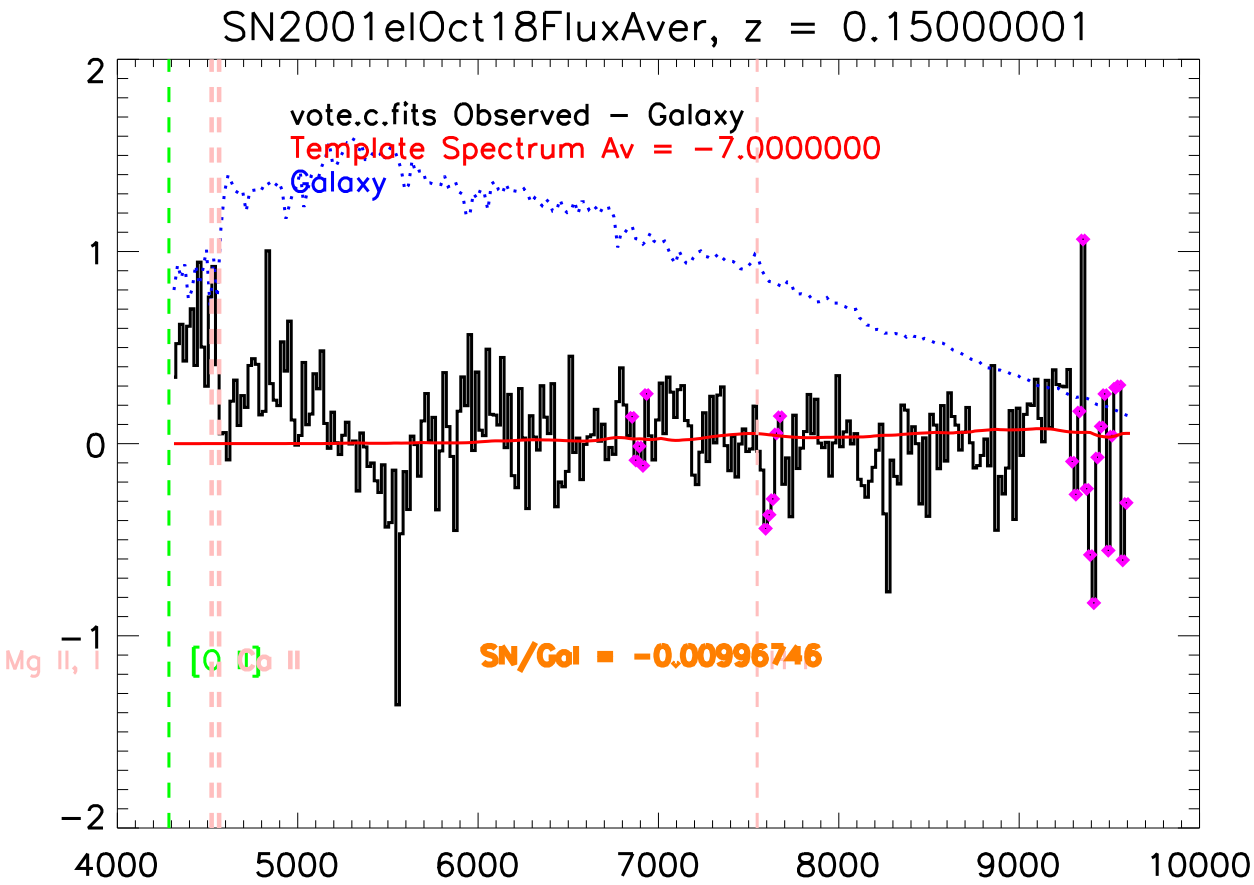

sn1981b.max, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0143650
Mg II, I
[O II]
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

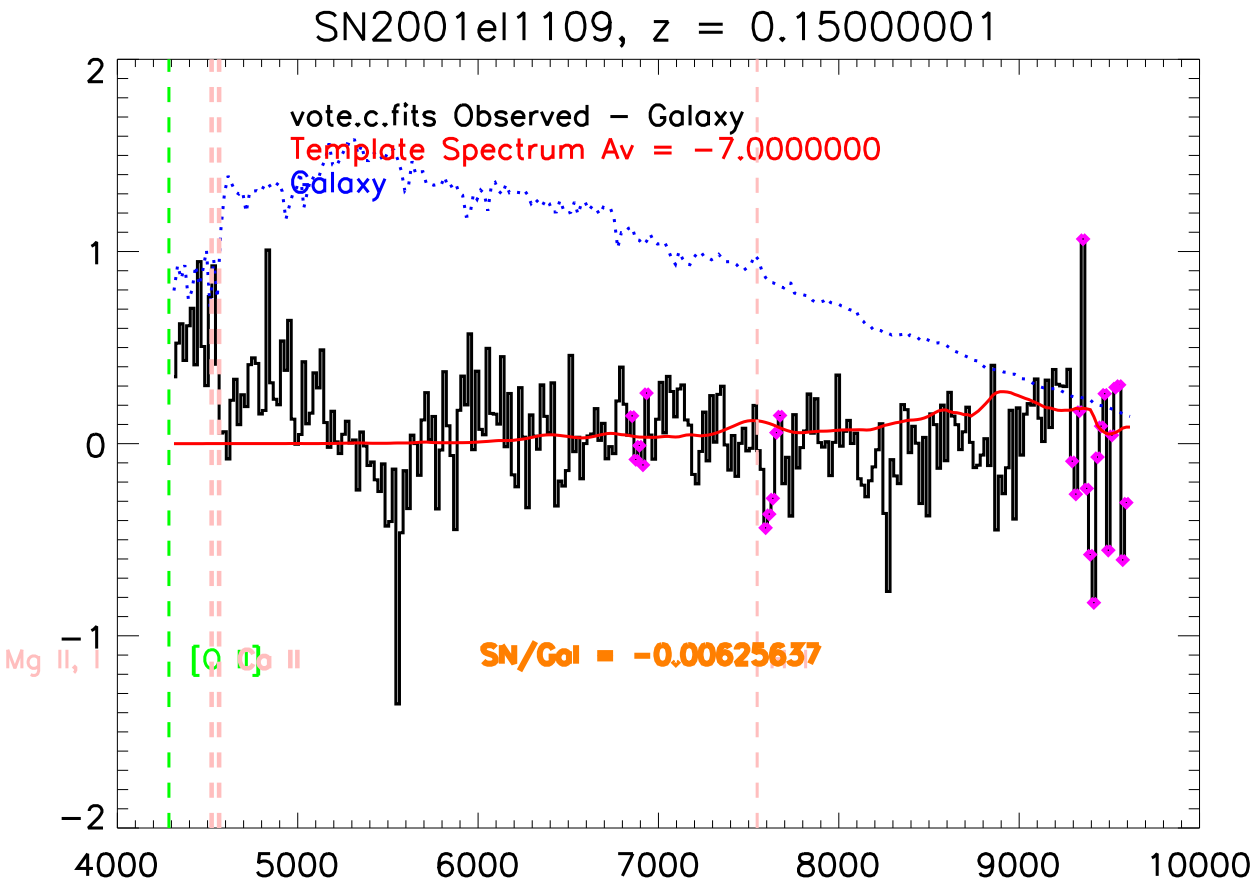

SN2001el1009, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = -0.0128453
[O II]
Mg II, I
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

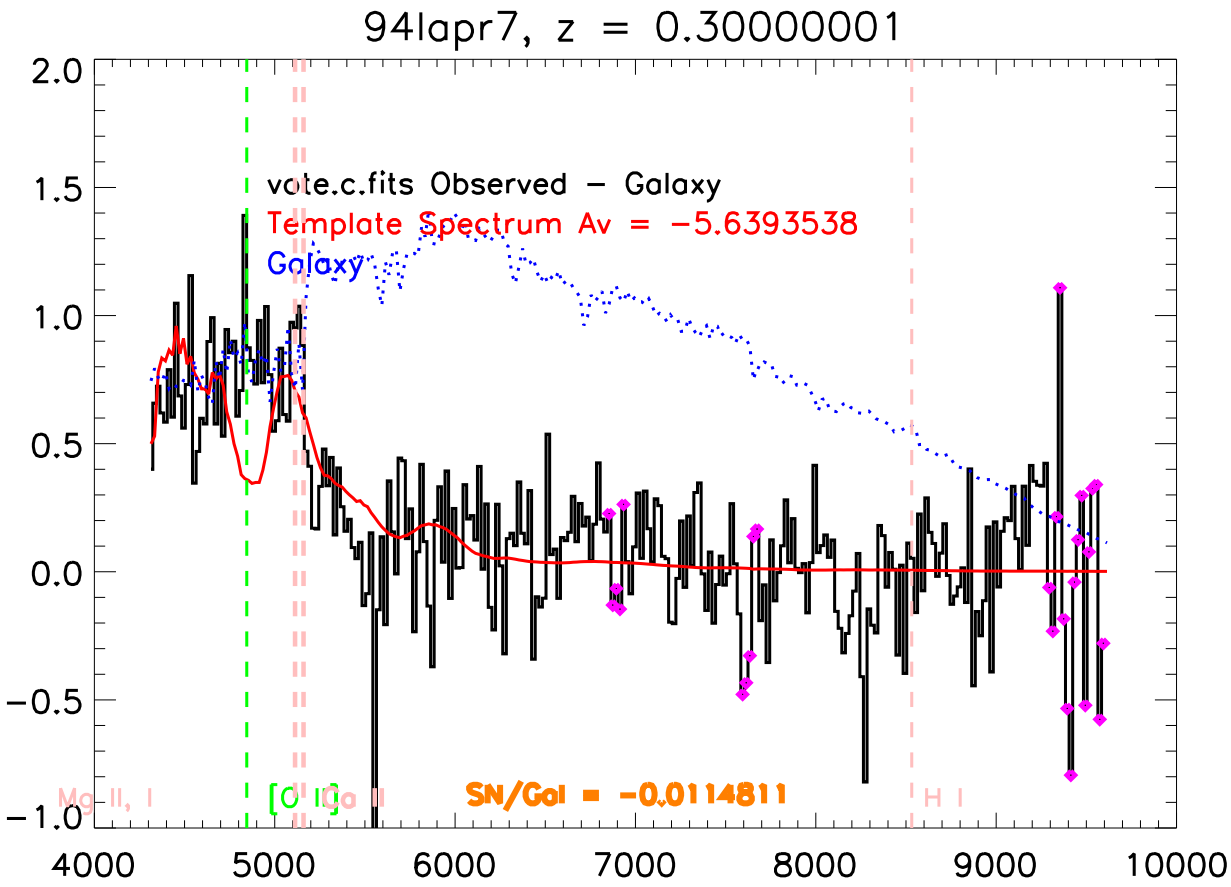

sn1991t.p10, z = 0.30000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = −0.0280652
Mg II, I
[O II]
Ca II
H I
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
4000
5000
6000
7000
8000
9000
10000

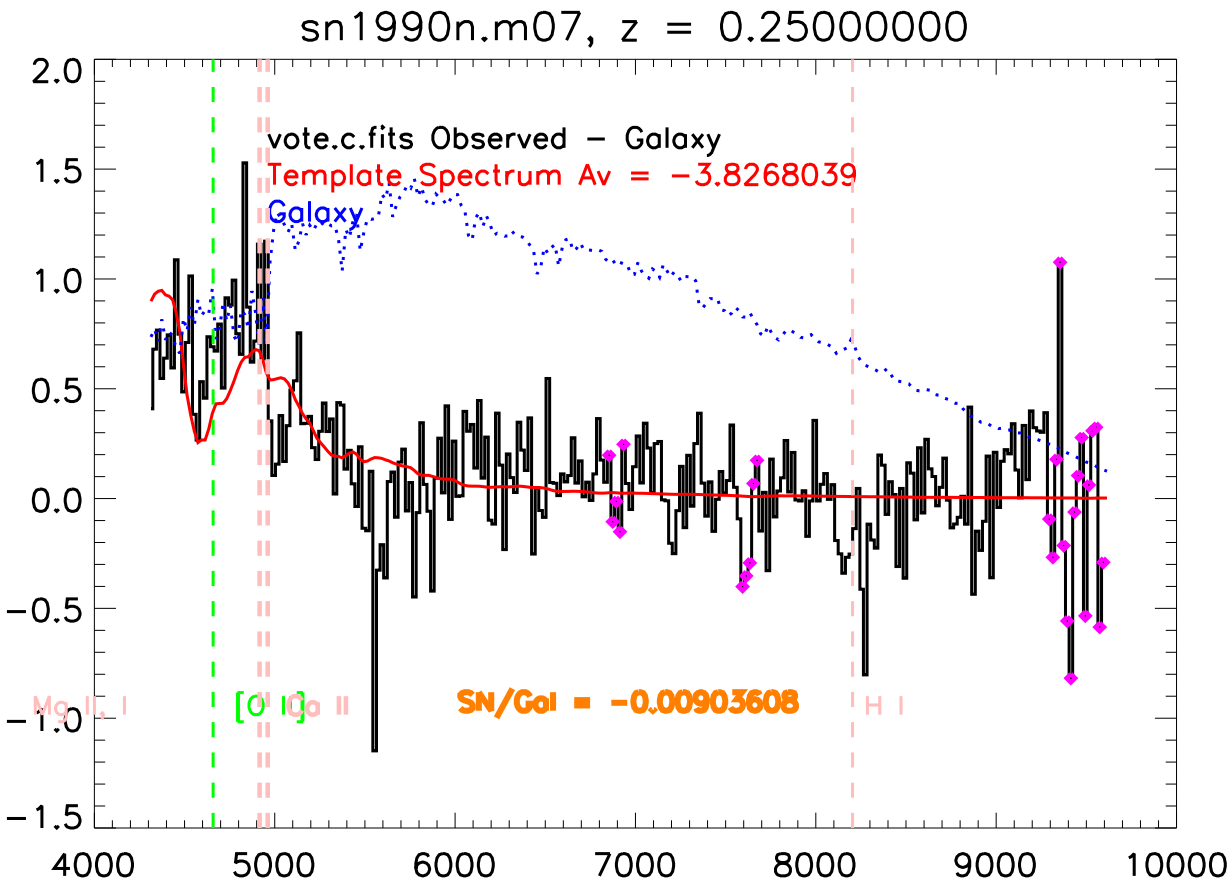

sn1992a.p06, z = 0.25000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = −0.0260952
Mg II
[O II]
Ca II
H I
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
4000
5000
6000
7000
8000
9000
10000

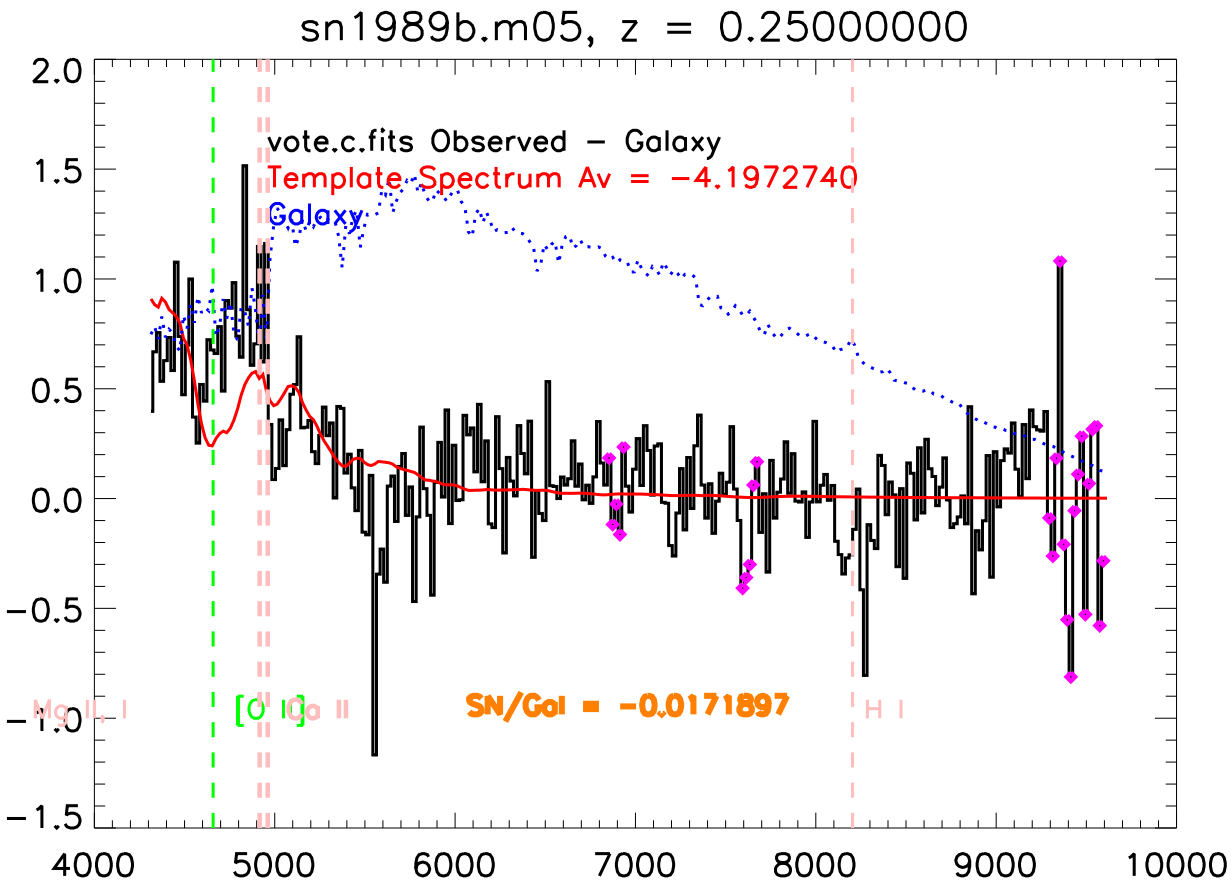

sn1992a.p05, z = 0.25000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = −0.0288474
Mg II
[O II]
Ca II
H I
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
4000
5000
6000
7000
8000
9000
10000

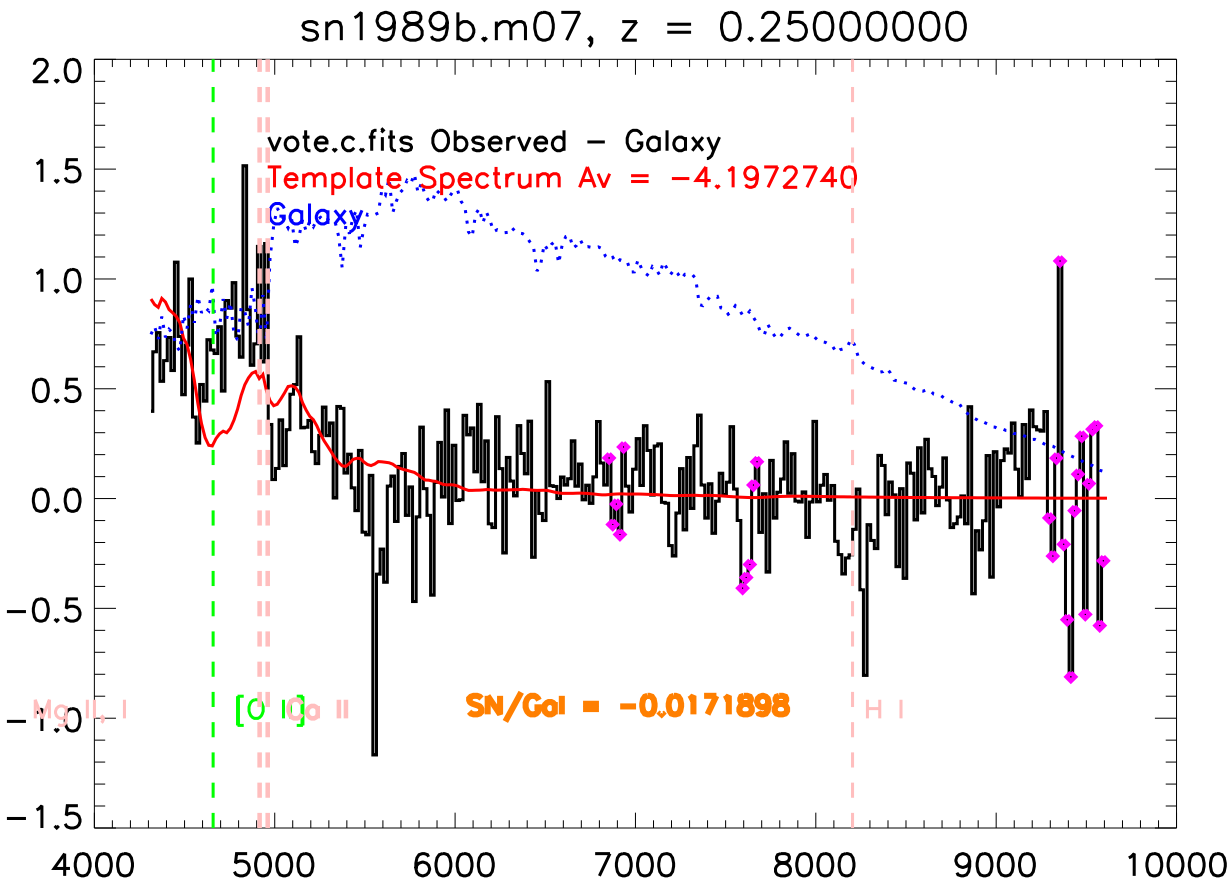

SN2001elOct18FluxAver, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = −0.00996746
[O II]
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

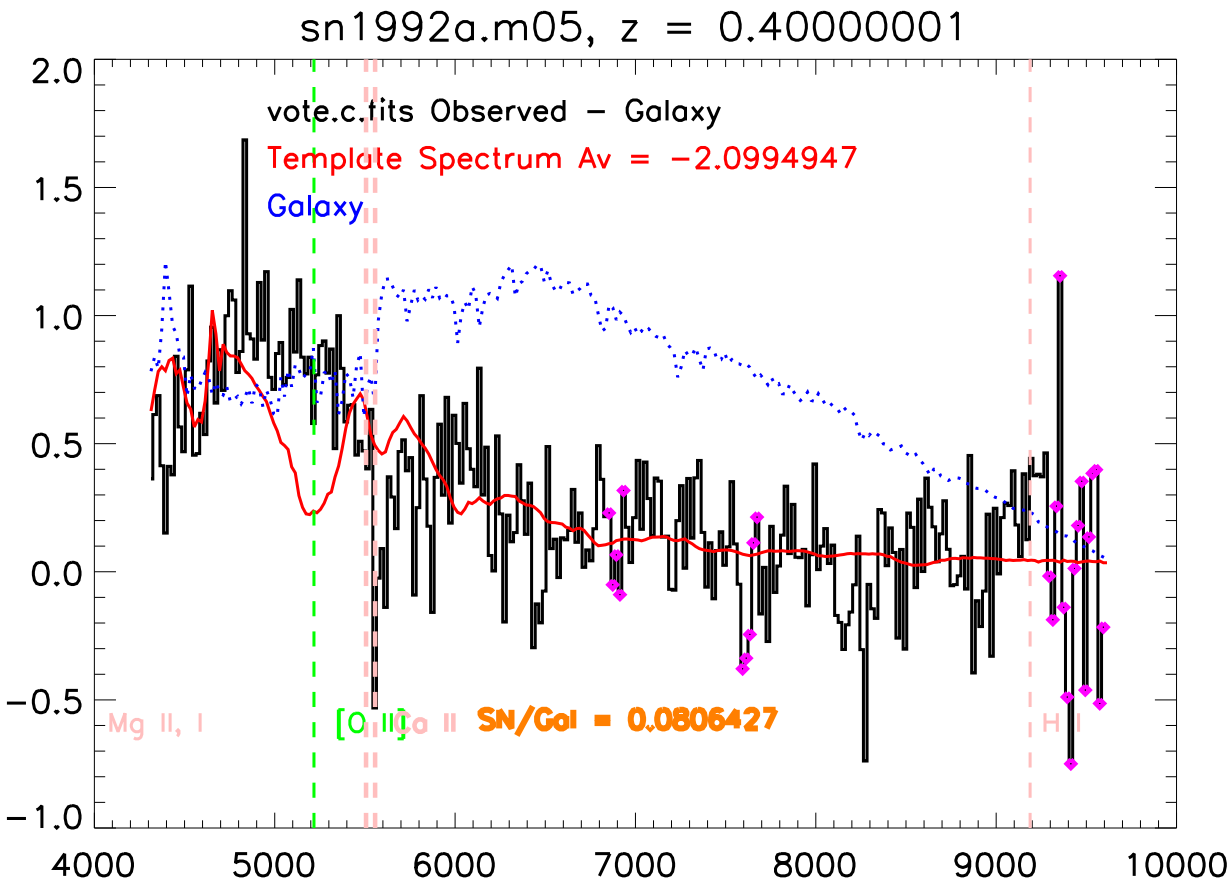

SN2001el1109, z = 0.15000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/Gal = −0.00625637
[O II]
2
1
0
−1
−2
4000
5000
6000
7000
8000
9000
10000

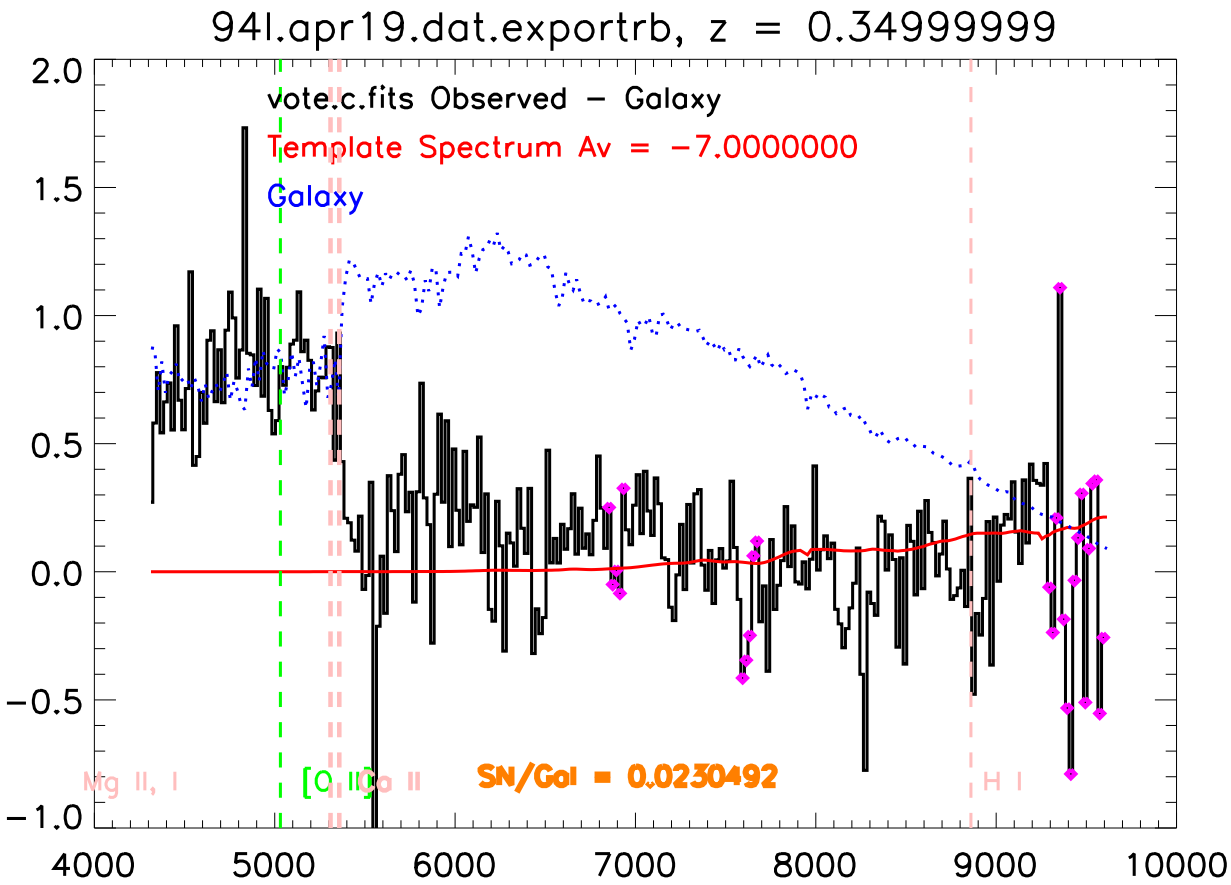

94lapr7, z = 0.30000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −5.6393538
Galaxy
SN/Gal = −0.0114811
Mg II, I
[O II]
Ca II
H I
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
4000
5000
6000
7000
8000
9000
10000


sn1990n.m07, z = 0.25000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −3.8268039
Galaxy
SN/Gal = −0.00903608
Mg II
[O II]
Ca II
H I
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
4000
5000
6000
7000
8000
9000
10000


sn1989b.m05, z = 0.25000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −4.1972740
Galaxy
SN/Gal = −0.0171897
Mg II
[O II]
Ca II
H I
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
4000
5000
6000
7000
8000
9000
10000


sn1989b.m07, z = 0.25000000
vote.c.fits Observed − Galaxy
Template Spectrum Av = −4.1972740
Galaxy
SN/Gal = −0.0171898
Mg II
[O II]
Ca II
H I
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
4000
5000
6000
7000
8000
9000
10000


sn1992a.m05, z = 0.40000001
vote.c.fits Observed − Galaxy
Template Spectrum Av = −2.0994947
Galaxy
SN/Gal = 0.0806427
Mg II, I
[O II]
Ca II
H I
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
4000
5000
6000
7000
8000
9000
10000


94I.apr19.dat.exportrb, z = 0.34999999
vote.c.fits Observed − Galaxy
Template Spectrum Av = −7.0000000
Galaxy
SN/GoI = 0.0230492
Mg II, I
[O II]
Ca II
H I
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
4000
5000
6000
7000
8000
9000
10000