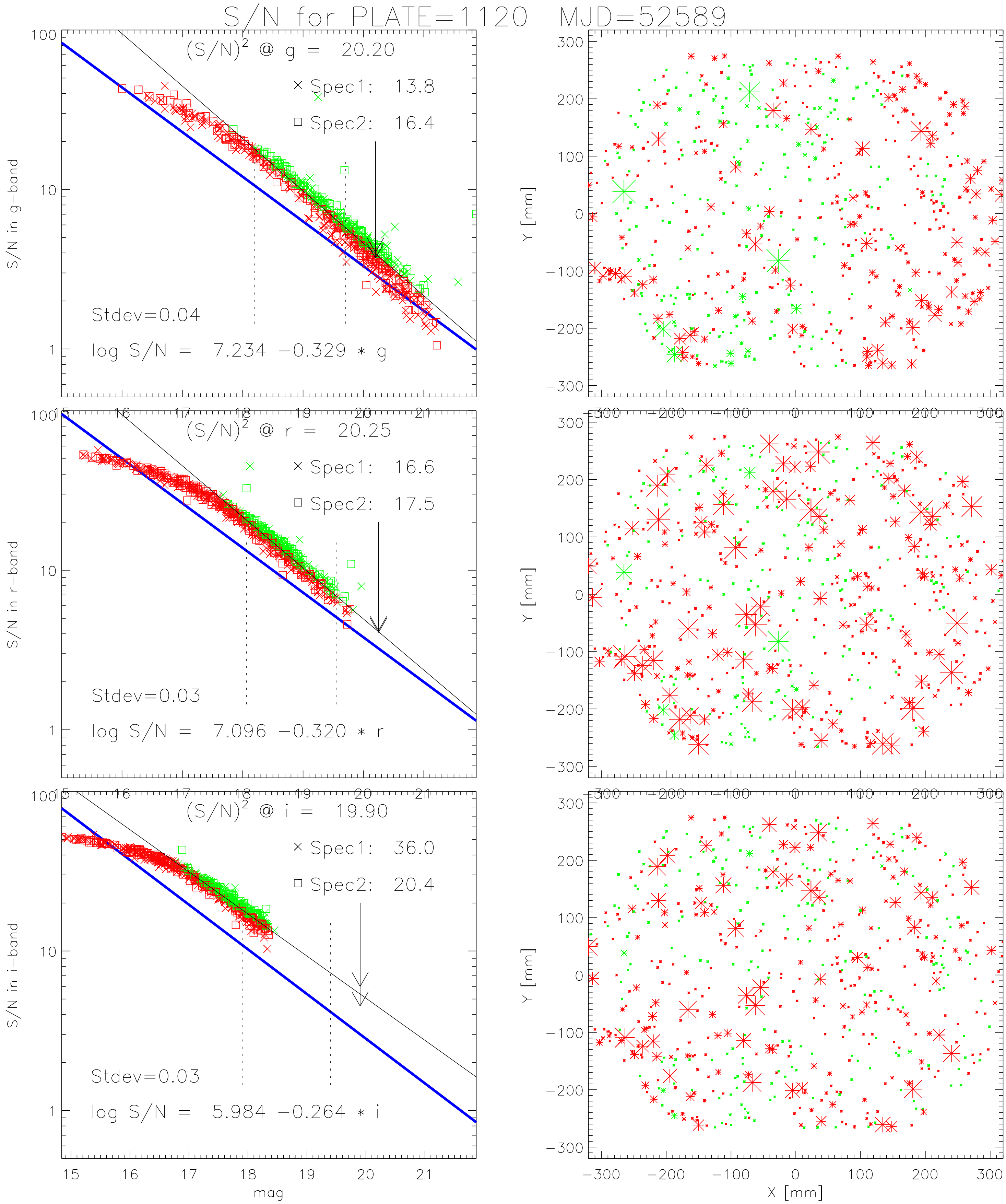
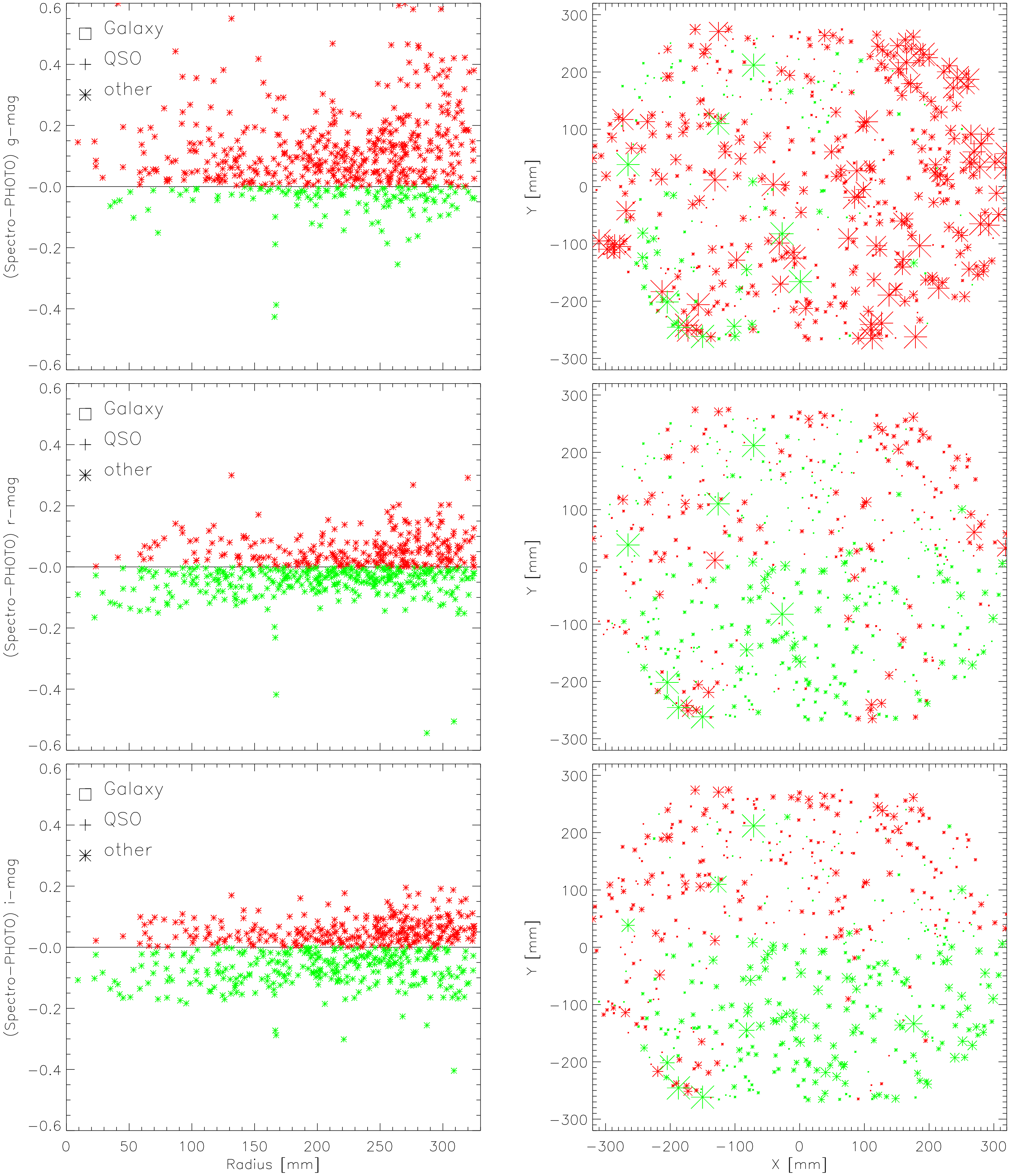
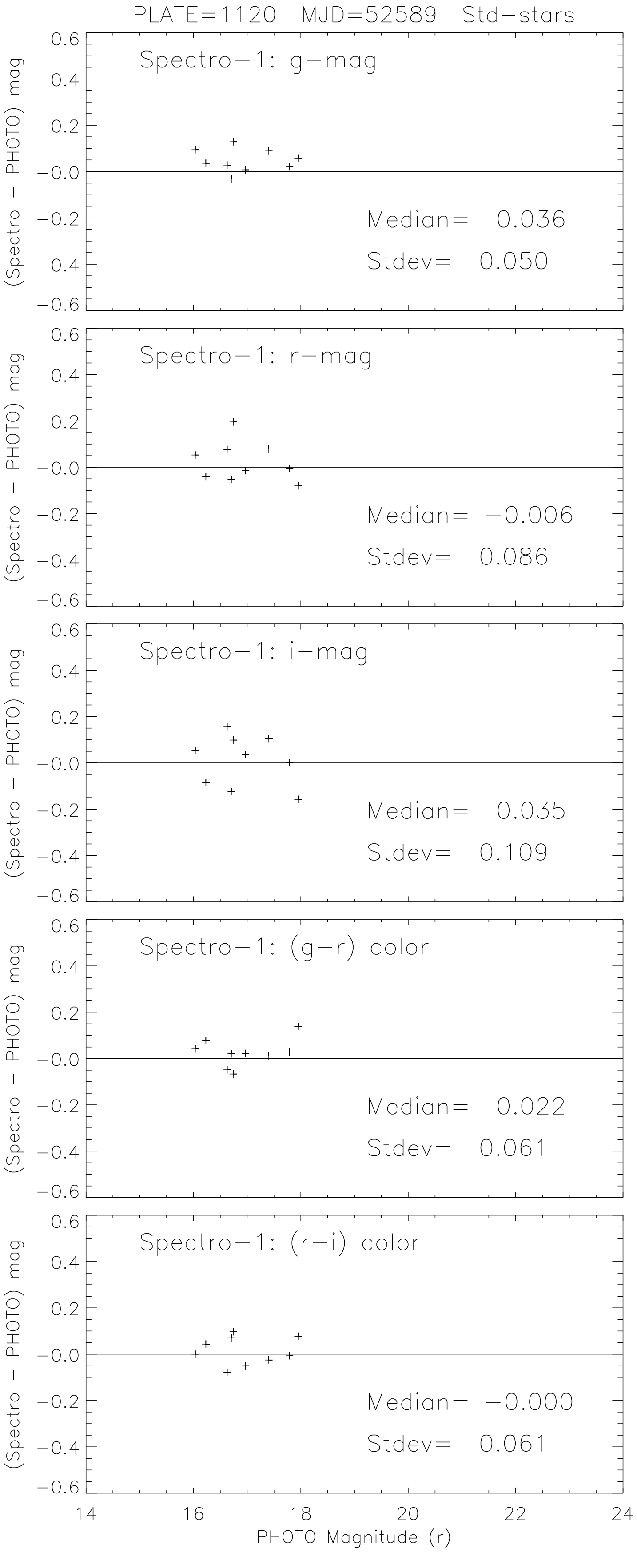
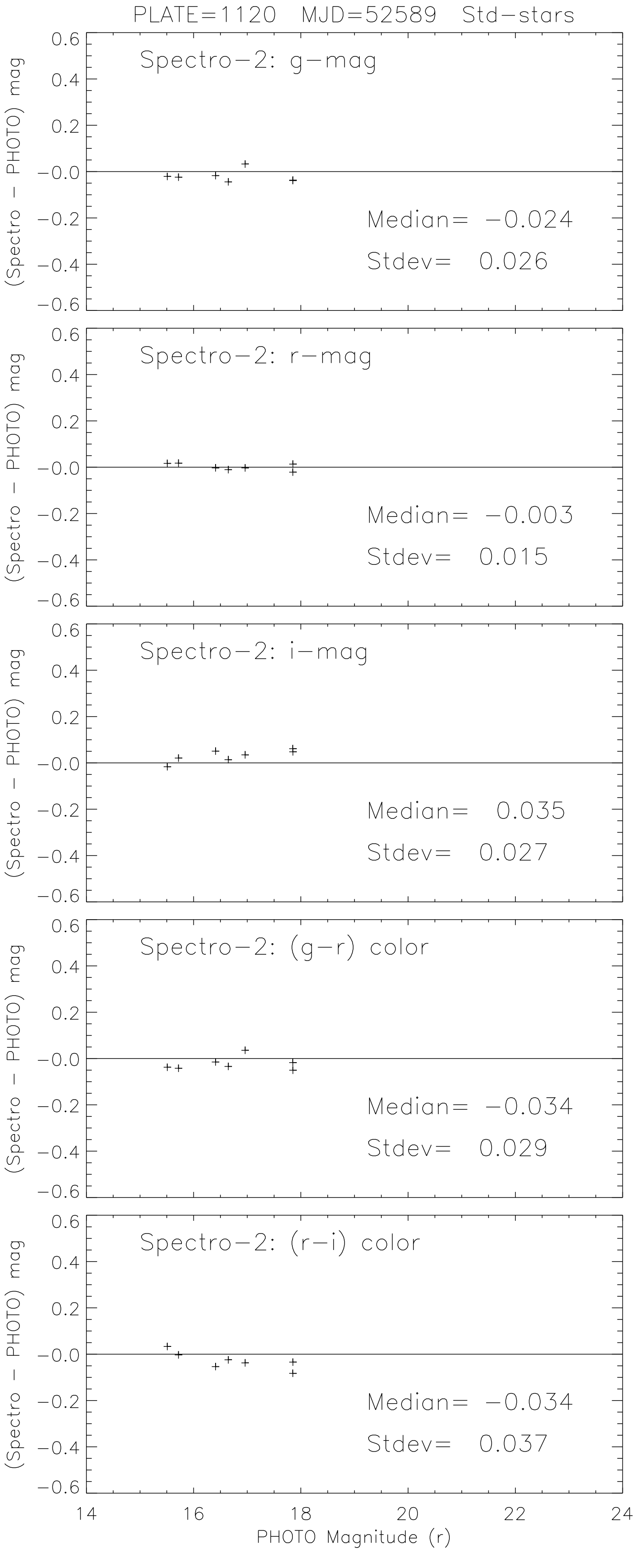

S/N for PLATE=1120 MJD=52589
$(S/N)^2$ @ g = 20.20
× Spec1: 13.8
□ Spec2: 16.4
Stdev=0.04
log S/N = 7.234 −0.329 * g
S/N in g−band
$(S/N)^2$ @ r = 20.25
× Spec1: 16.6
□ Spec2: 17.5
Stdev=0.03
log S/N = 7.096 −0.320 * r
S/N in r−band
$(S/N)^2$ @ i = 19.90
× Spec1: 36.0
□ Spec2: 20.4
Stdev=0.03
log S/N = 5.984 −0.264 * i
S/N in i−band
100
10
1
15
16
17
18
19
20
21
mag
Y [mm]
X [mm]
300
200
100
0
−100
−200
−300

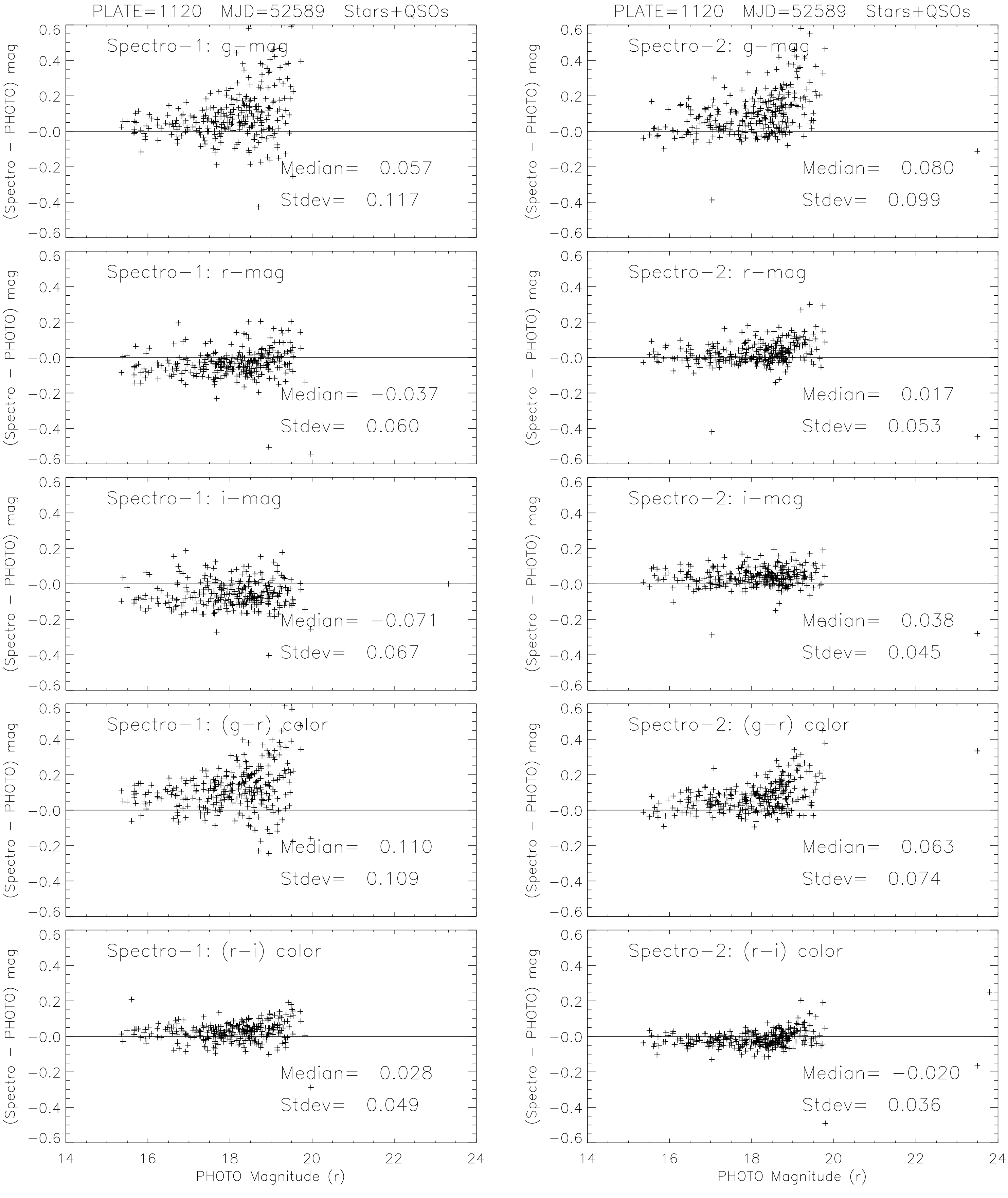
Throughput for PLATE=1120 MJD=52589




PLATE=1120 MJD=52589 Std-stars
Spectro-1: g-mag
Median= 0.036
Stdev= 0.050
Spectro-1: r-mag
Median= -0.006
Stdev= 0.086
Spectro-1: i-mag
Median= 0.035
Stdev= 0.109
Spectro-1: (g-r) color
Median= 0.022
Stdev= 0.061
Spectro-1: (r-i) color
Median= -0.000
Stdev= 0.061
(Spectro - PHOTO) mag
0.6
0.4
0.2
-0.0
-0.2
-0.4
-0.6
14
16
18
20
22
24
PHOTO Magnitude (r)


PLATE=1120 MJD=52589 Std-stars
Spectro-2: g-mag
Median= -0.024
Stdev= 0.026
Spectro-2: r-mag
Median= -0.003
Stdev= 0.015
Spectro-2: i-mag
Median= 0.035
Stdev= 0.027
Spectro-2: (g-r) color
Median= -0.034
Stdev= 0.029
Spectro-2: (r-i) color
Median= -0.034
Stdev= 0.037
(Spectro - PHOTO) mag
0.6
0.4
0.2
-0.0
-0.2
-0.4
-0.6
14
16
18
20
22
24
PHOTO Magnitude (r)

PLATE=1120 MJD=52589 Galaxies
PLATE=1120 MJD=52589 Galaxies
Spectro−1: g−mag
Spectro−2: g−mag
Spectro−1: r−mag
Spectro−2: r−mag
Spectro−1: i−mag
Spectro−2: i−mag
Spectro−1: (g−r) color
Spectro−2: (g−r) color
Spectro−1: (r−i) color
Spectro−2: (r−i) color
(Spectro − PHOTO) mag
0.6
0.4
0.2
−0.0
−0.2
−0.4
−0.6
14
16
18
20
22
24
PHOTO Magnitude (r)


PLATE=1120 MJD=52589 Stars+QSOs
PLATE=1120 MJD=52589 Stars+QSOs
Spectro−1: g−mag
Median= 0.057
Stdev= 0.117
Spectro−2: g−mag
Median= 0.080
Stdev= 0.099
Spectro−1: r−mag
Median= −0.037
Stdev= 0.060
Spectro−2: r−mag
Median= 0.017
Stdev= 0.053
Spectro−1: i−mag
Median= −0.071
Stdev= 0.067
Spectro−2: i−mag
Median= 0.038
Stdev= 0.045
Spectro−1: (g−r) color
Median= 0.110
Stdev= 0.109
Spectro−2: (g−r) color
Median= 0.063
Stdev= 0.074
Spectro−1: (r−i) color
Median= 0.028
Stdev= 0.049
Spectro−2: (r−i) color
Median= −0.020
Stdev= 0.036
(Spectro − PHOTO) mag
0.6
0.4
0.2
−0.0
−0.2
−0.4
−0.6
14
16
18
20
22
24
PHOTO Magnitude (r)