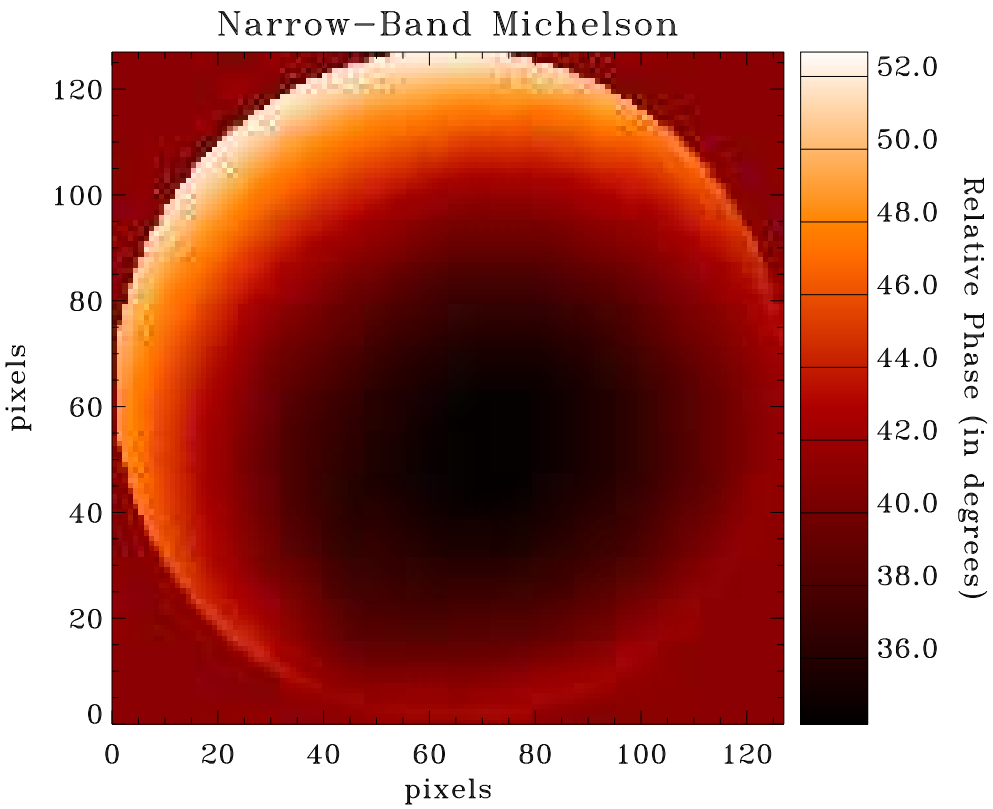
Narrow−Band Michelson
pixels
0
20
40
60
80
100
120
pixels
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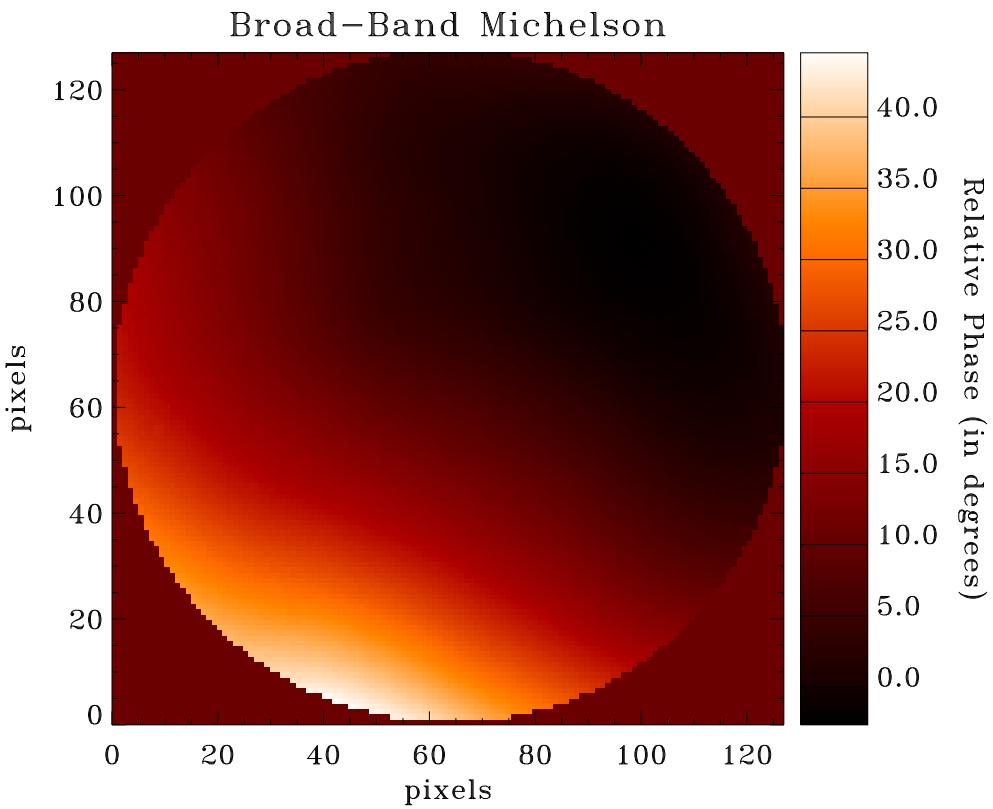
50.0
48.0
46.0
44.0
42.0
40.0
38.0
36.0
Relative Phase (in degrees)


Broad−Band Michelson
pixels
0
20
40
60
80
100
120
pixels
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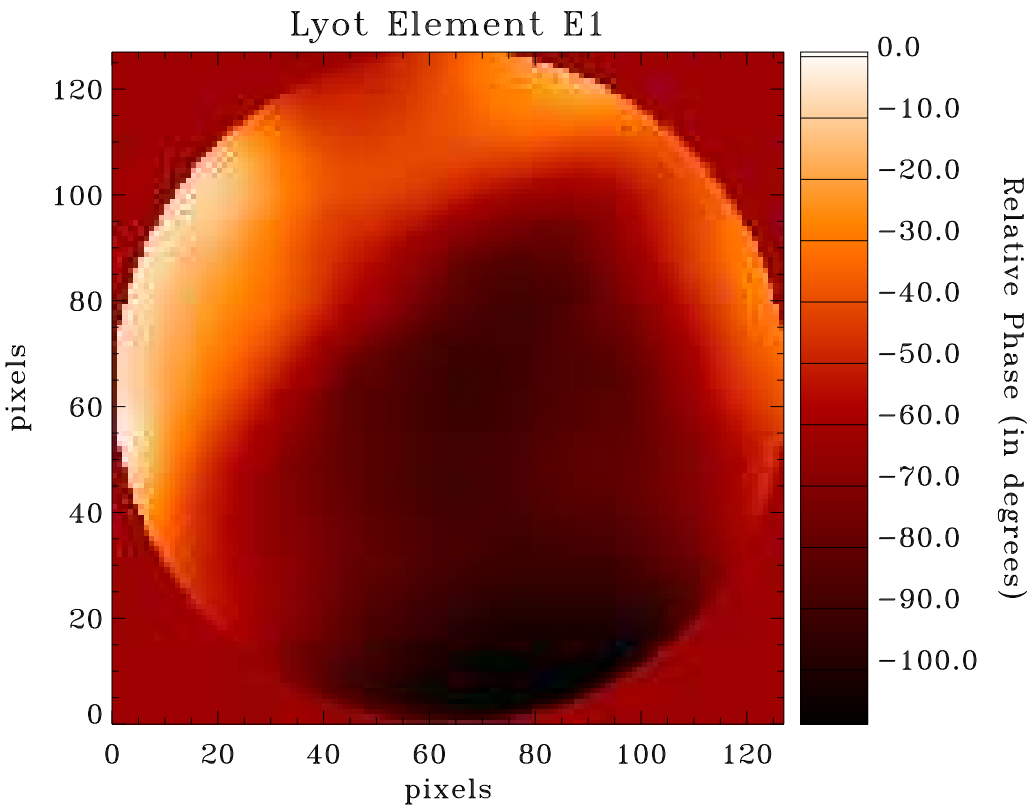
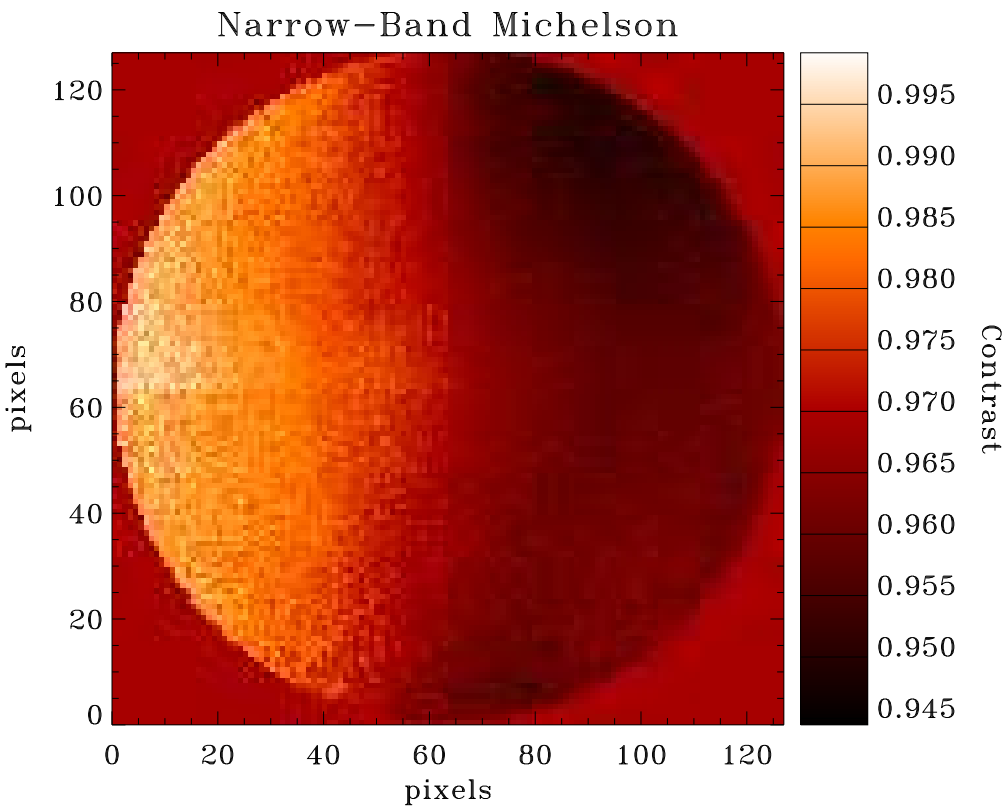
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Relative Phase (in degrees)


Lyot Element E1
pixels
pixels
0
20
40
60
80
100
120
0.0
−10.0
−20.0
−30.0
−40.0
−50.0
−60.0
−70.0
−80.0
−90.0
−100.0
Relative Phase (in degrees)


Narrow−Band Michelson
pixels
pixels
0
20
40
60
80
100
120
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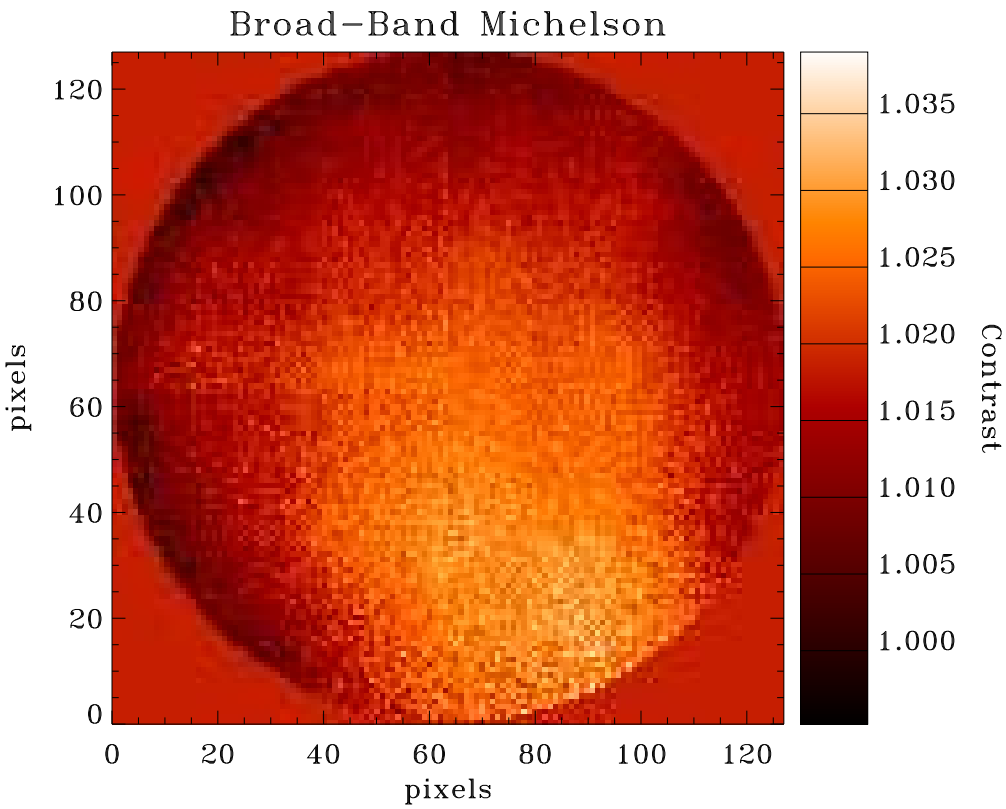
0.990
0.985
0.980
0.975
0.970
0.965
0.960
0.955
0.950
0.945
Contrast


Broad−Band Michelson
pixels
0
20
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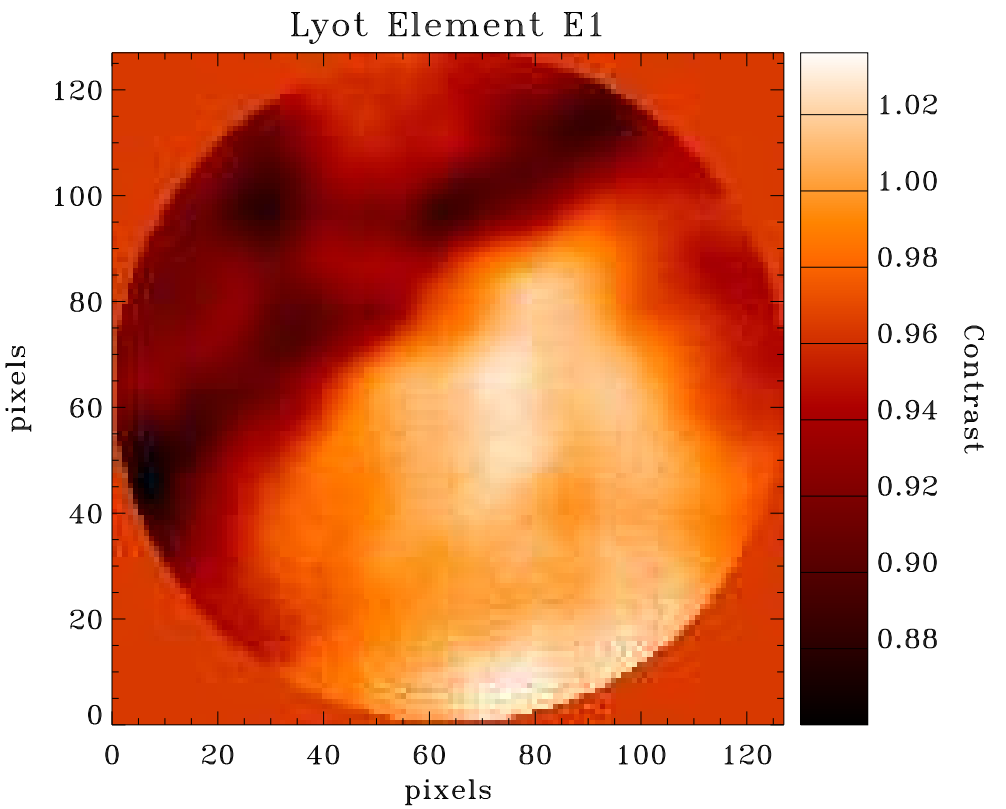
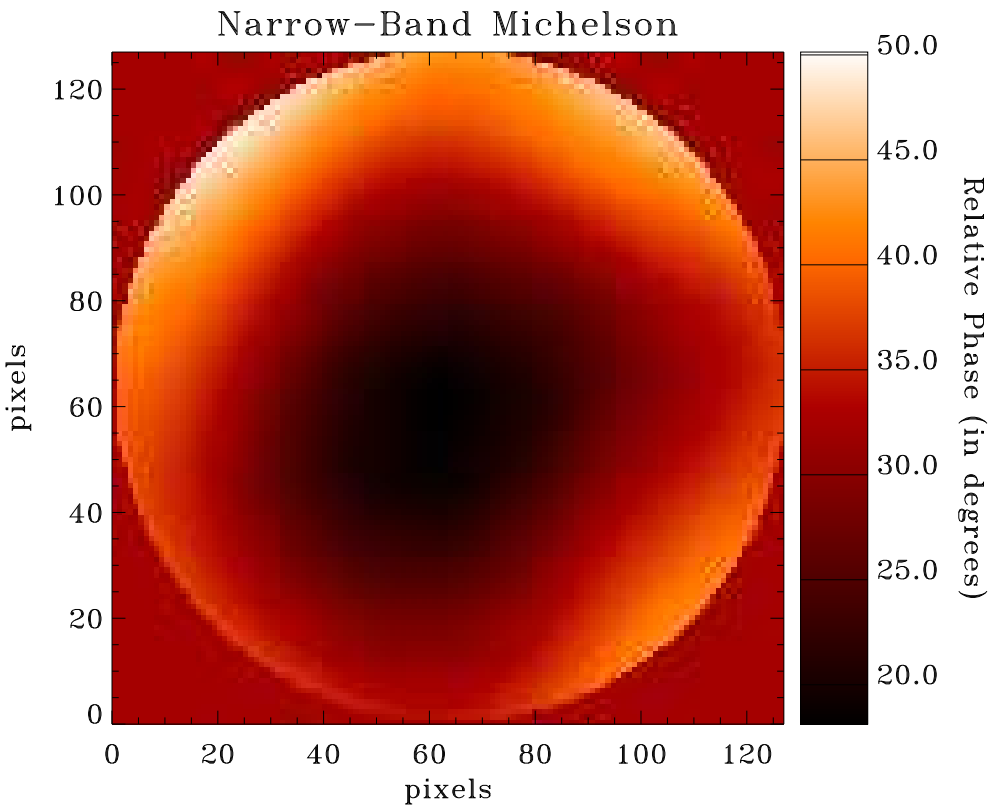
pixels
1.035
1.030
1.025
1.020
1.015
1.010
1.005
1.000
Contrast


Lyot Element E1
pixels
0
20
40
60
80
100
120
pixels
1.02
1.00
0.98
0.96
0.94
0.92
0.90
0.88
Contrast


Narrow−Band Michelson
pixels
0
20
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80
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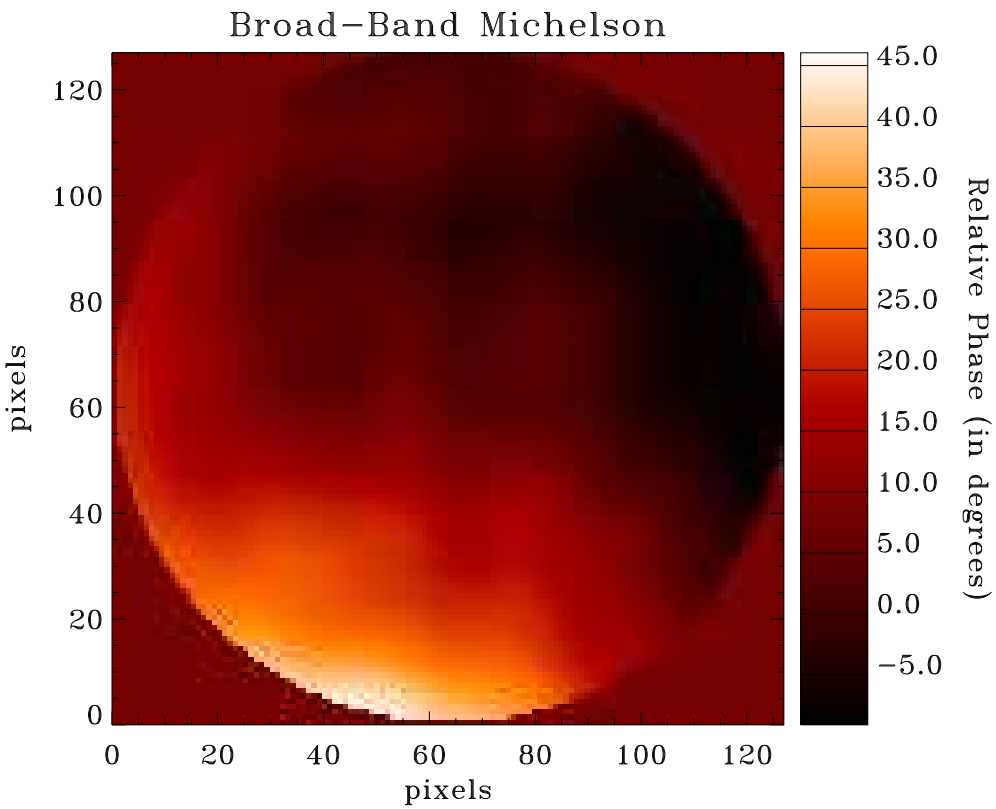
120
pixels
50.0
45.0
40.0
35.0
30.0
25.0
20.0
Relative Phase (in degrees)


Broad−Band Michelson
pixels
0
20
40
60
80
100
120
pixels
45.0
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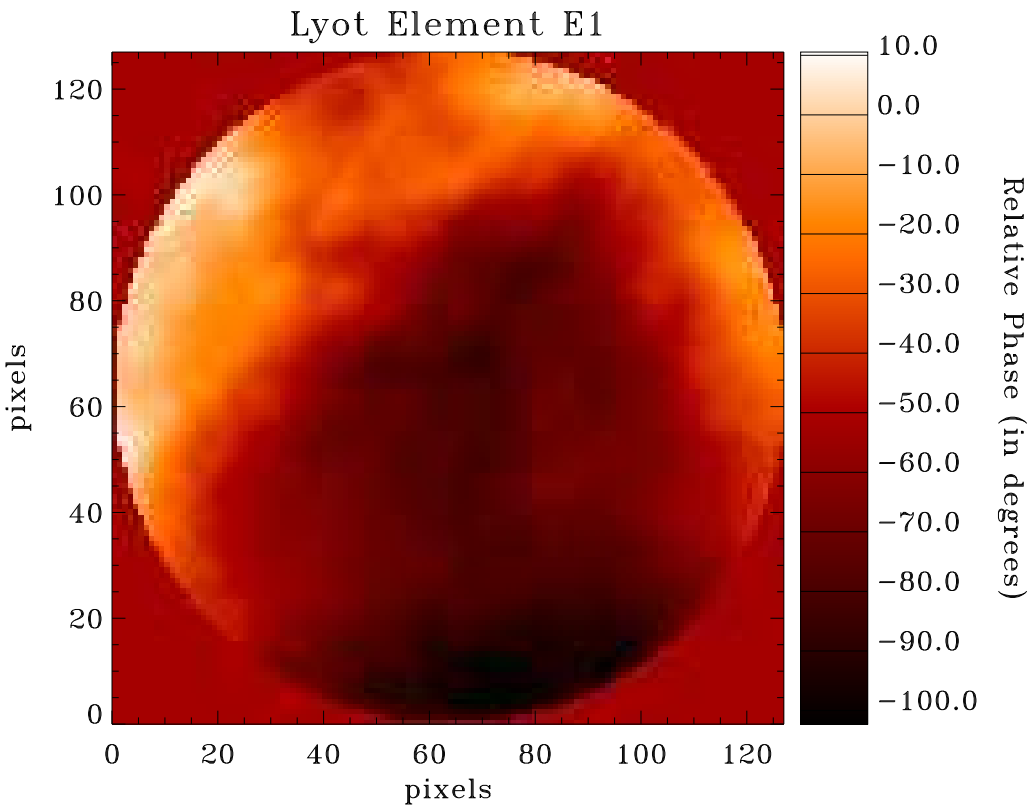
30.0
25.0
20.0
15.0
10.0
5.0
0.0
−5.0
Relative Phase (in degrees)


Lyot Element E1
pixels
pixels
0
20
40
60
80
100
120
10.0
0.0
−10.0
−20.0
−30.0
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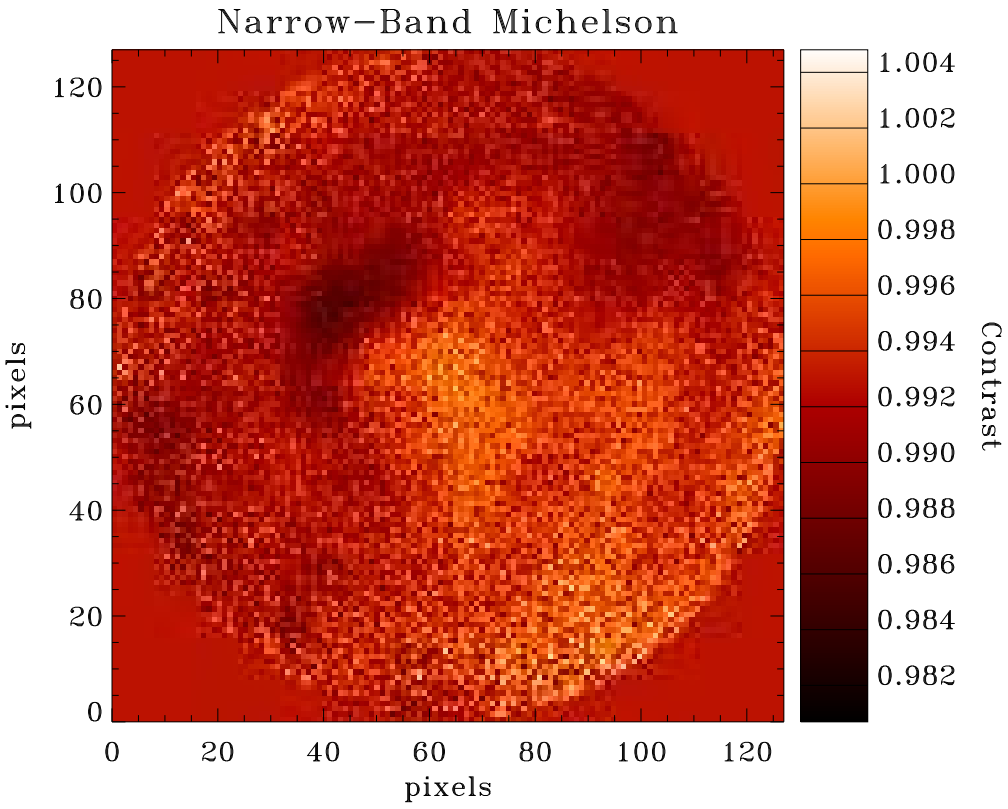
−50.0
−60.0
−70.0
−80.0
−90.0
−100.0
Relative Phase (in degrees)


Narrow−Band Michelson
pixels
pixels
0
20
40
60
80
100
120
1.004
1.002
1.000
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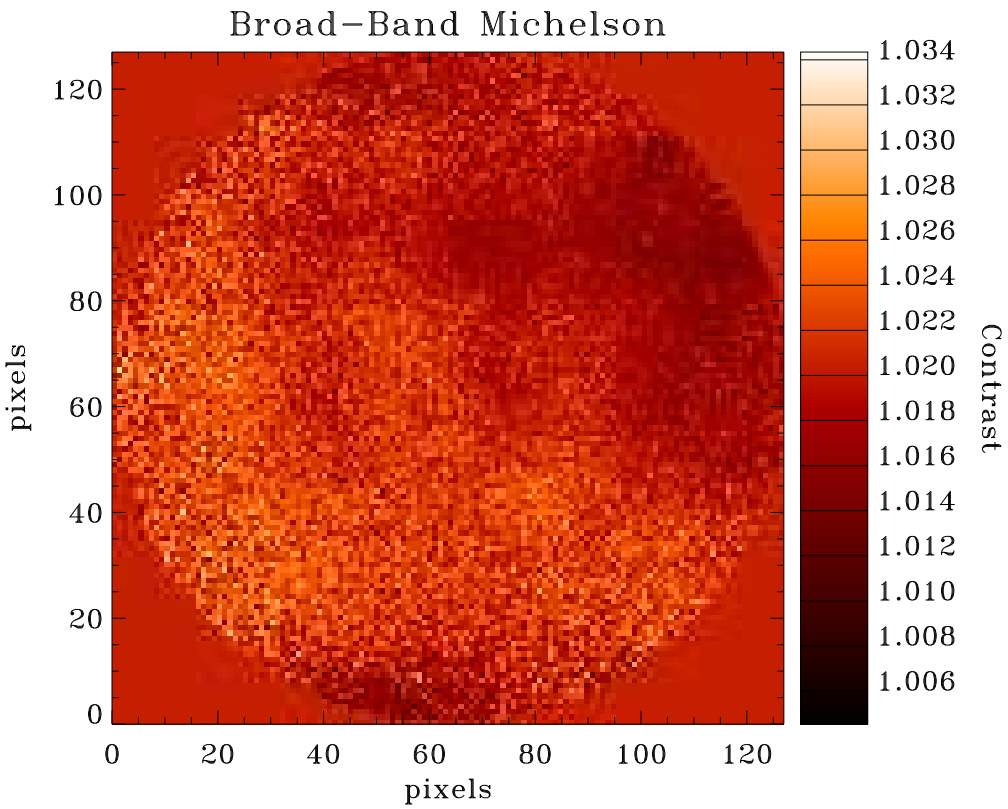
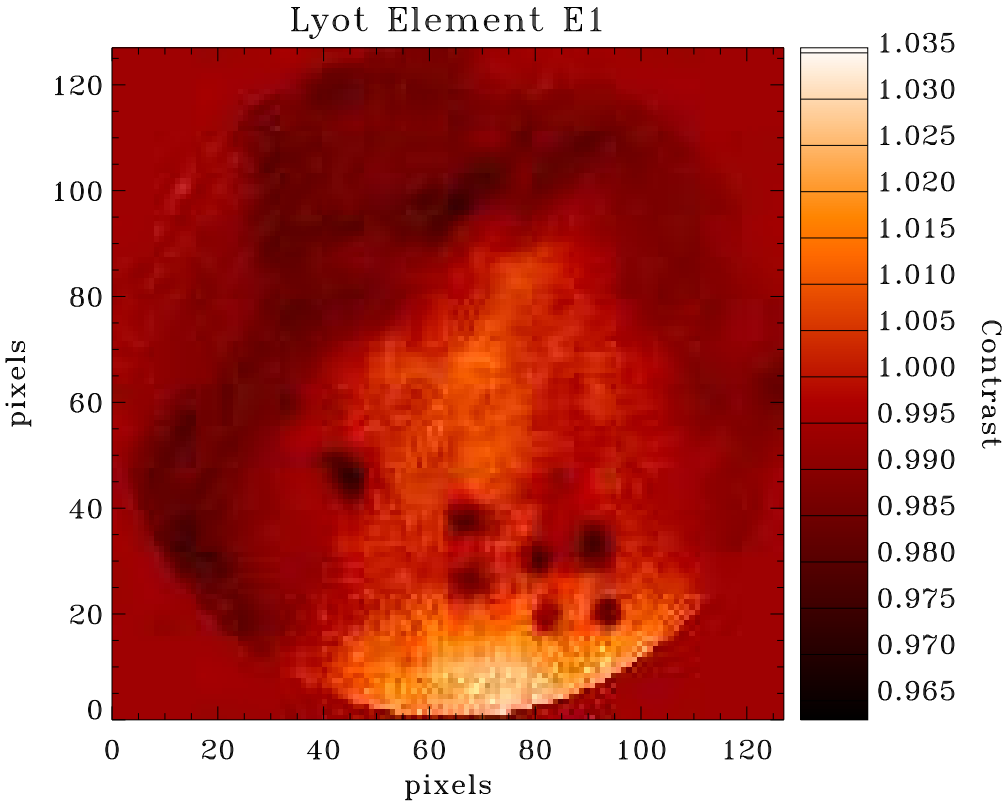
0.996
0.994
0.992
0.990
0.988
0.986
0.984
0.982
Contrast


Broad−Band Michelson
pixels
pixels
Contrast
0
20
40
60
80
100
120
1.034
1.032
1.030
1.028
1.026
1.024
1.022
1.020
1.018
1.016
1.014
1.012
1.010
1.008
1.006


Lyot Element E1
pixels
pixels
Contrast
0
20
40
60
80
100
120
1.035
1.030
1.025
1.020
1.015
1.010
1.005
1.000
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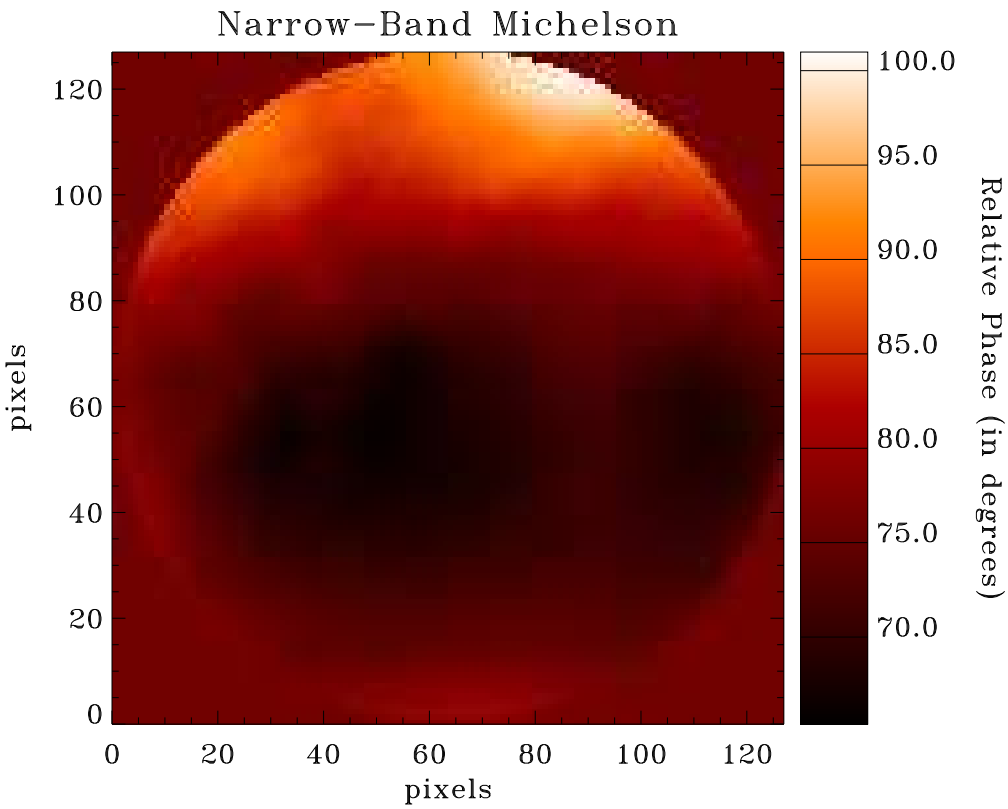
0.990
0.985
0.980
0.975
0.970
0.965


Narrow−Band Michelson
pixels
0
20
40
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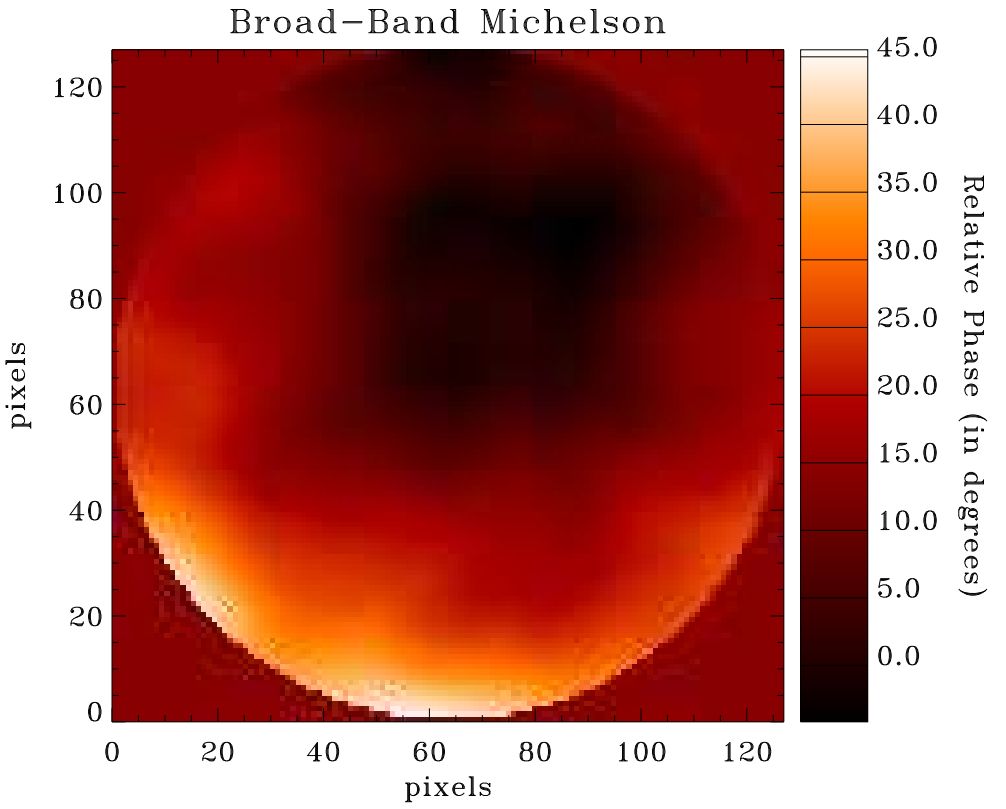
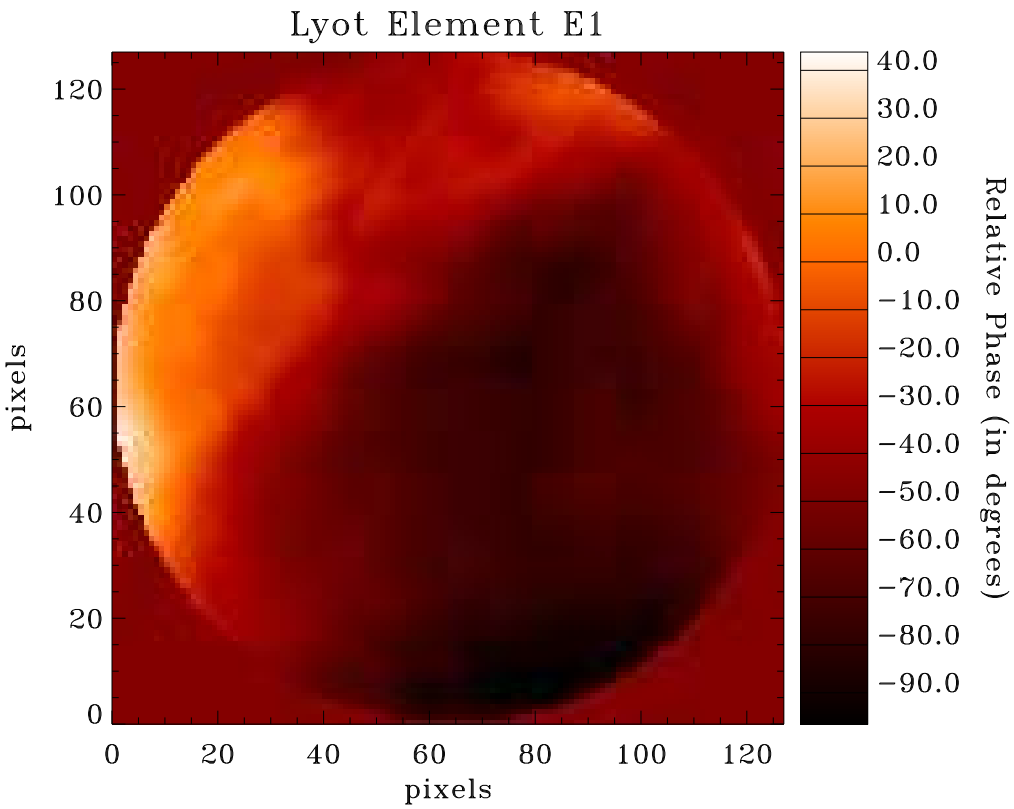
80
100
120
pixels
100.0
95.0
90.0
85.0
80.0
75.0
70.0
Relative Phase (in degrees)


Broad−Band Michelson
pixels
0
20
40
60
80
100
120
pixels
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Relative Phase (in degrees)


Lyot Element E1
pixels
pixels
Relative Phase (in degrees)
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30.0
20.0
10.0
0.0
−10.0
−20.0
−30.0
−40.0
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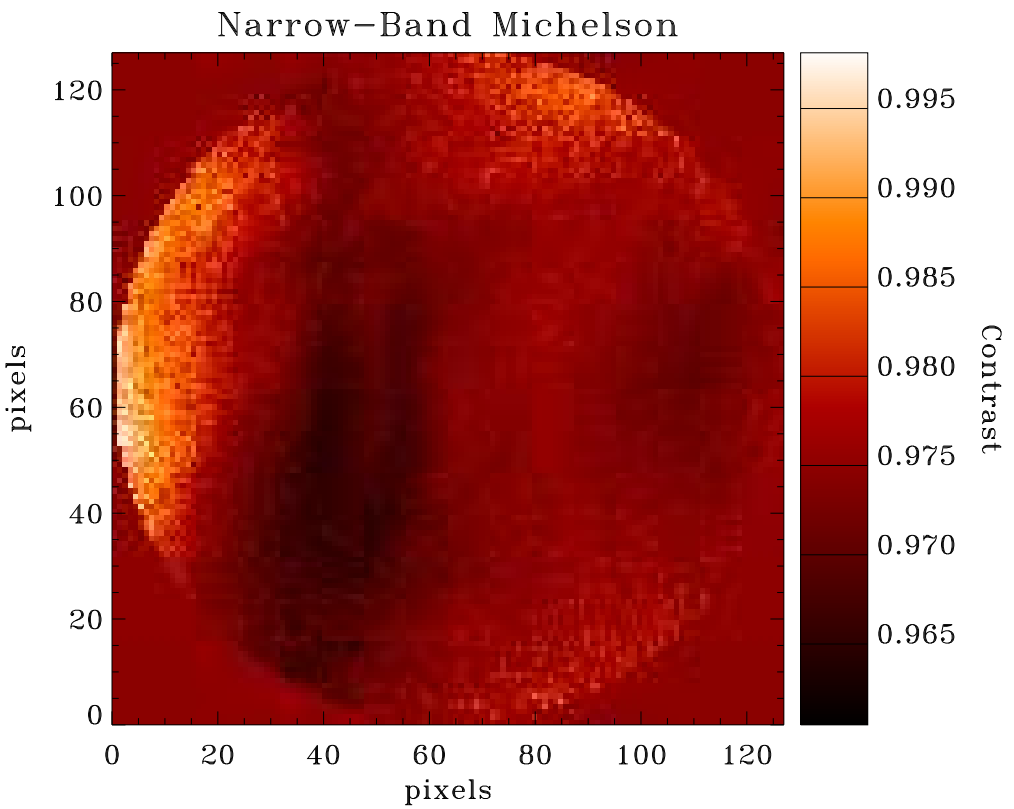
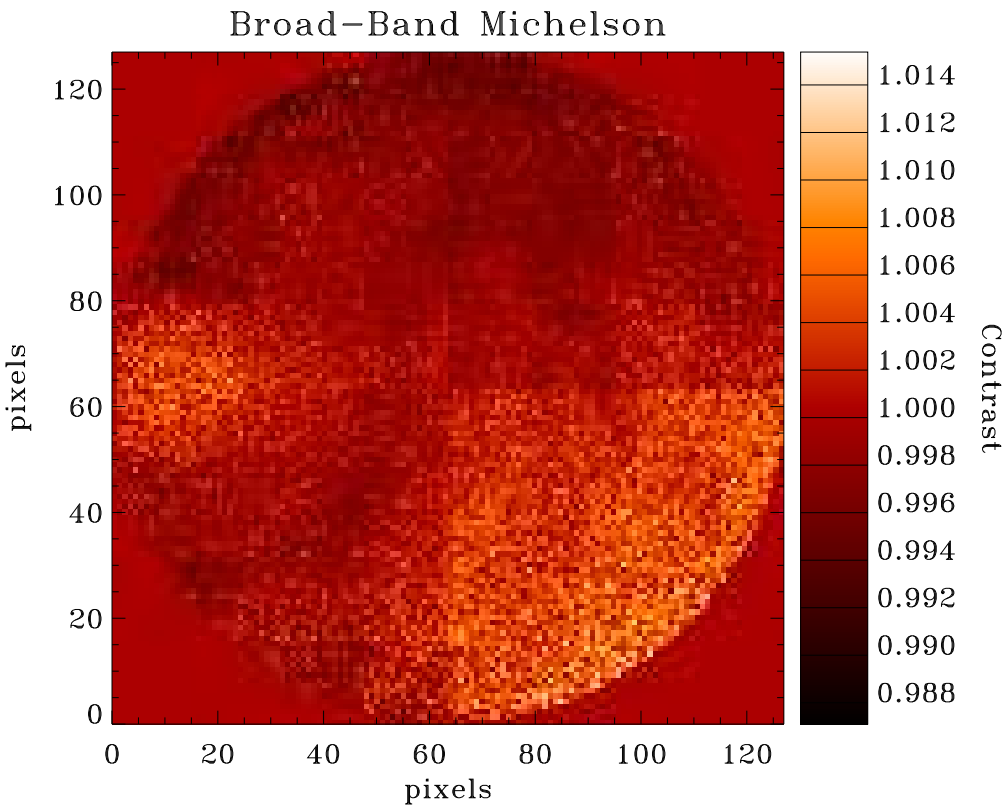
−60.0
−70.0
−80.0
−90.0
0
20
40
60
80
100
120


Narrow−Band Michelson
pixels
pixels
Contrast
0.995
0.990
0.985
0.980
0.975
0.970
0.965
0
20
40
60
80
100
120


Broad−Band Michelson
pixels
pixels
Contrast
0
20
40
60
80
100
120
1.014
1.012
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1.008
1.006
1.004
1.002
1.000
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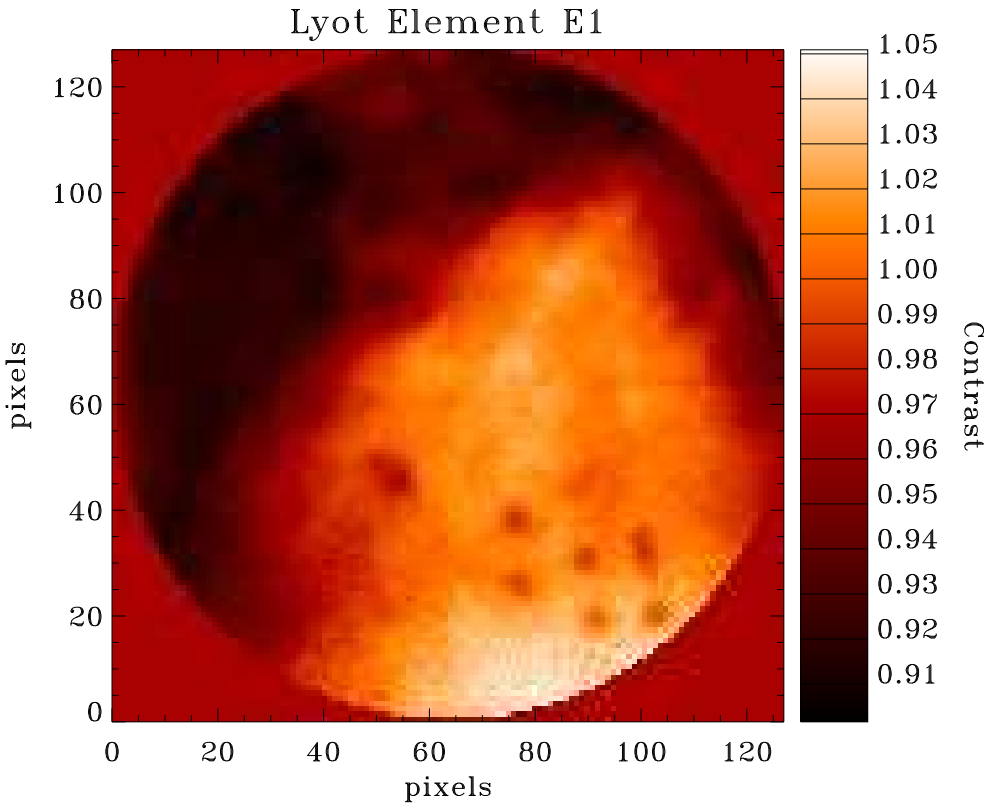
0.990
0.988


Lyot Element E1
pixels
pixels
Contrast
0
20
40
60
80
100
120
1.05
1.04
1.03
1.02
1.01
1.00
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0.97
0.96
0.95
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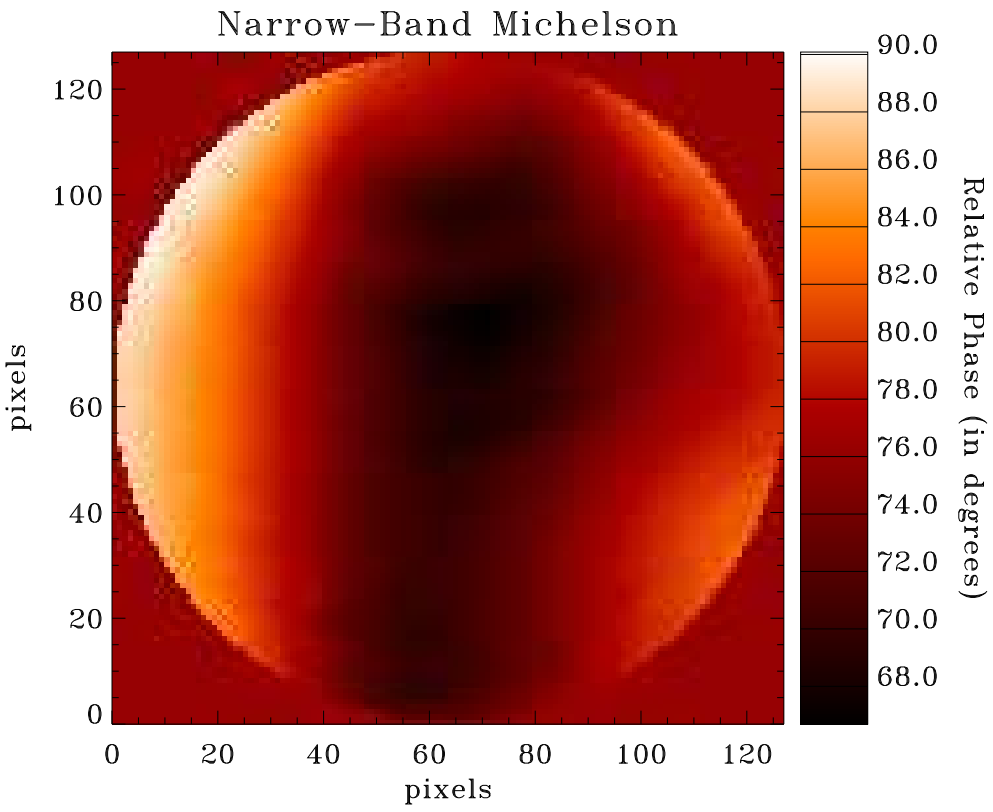
0.93
0.92
0.91


Narrow−Band Michelson
pixels
pixels
Relative Phase (in degrees)
0
20
40
60
80
100
120
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86.0
84.0
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80.0
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76.0
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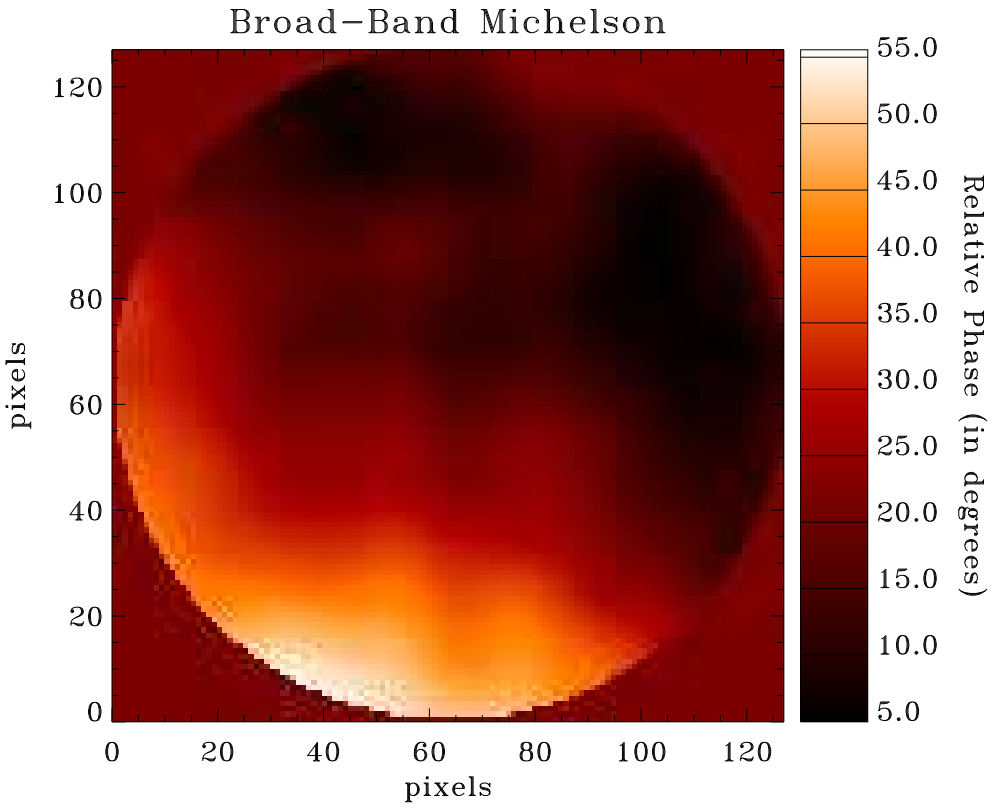
72.0
70.0
68.0


Broad−Band Michelson
pixels
pixels
Relative Phase (in degrees)
0
20
40
60
80
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45.0
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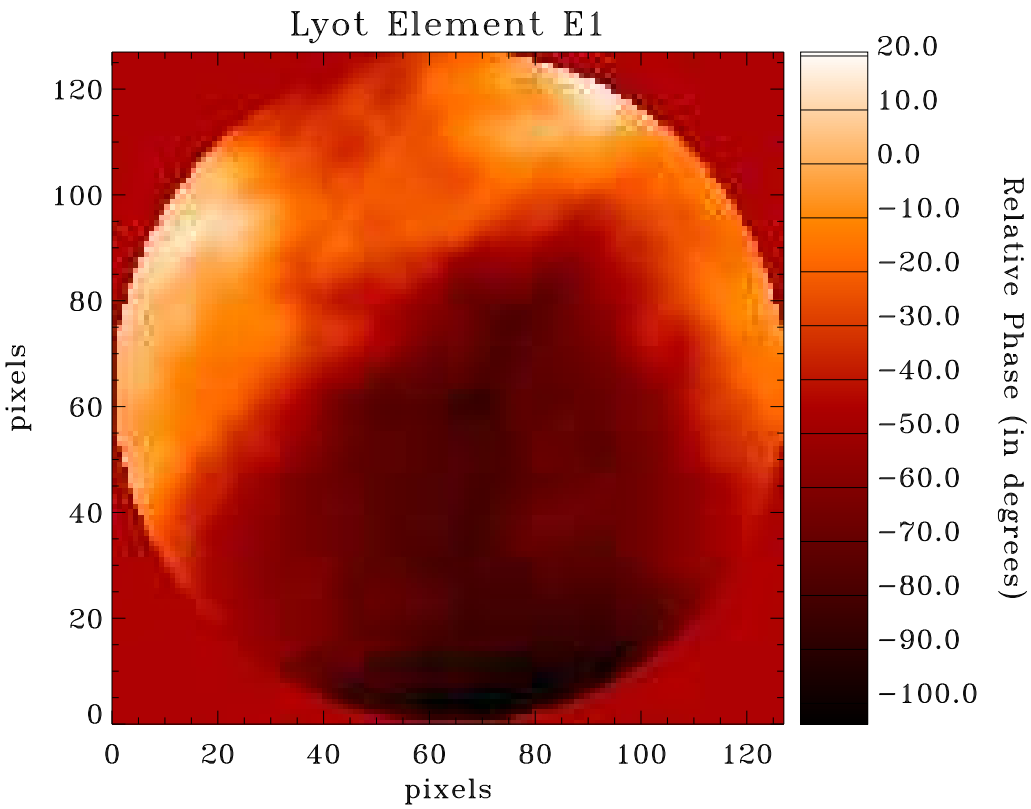
10.0
5.0


Lyot Element E1
pixels
pixels
0
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40
60
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100
120
20.0
10.0
0.0
−10.0
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−60.0
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−80.0
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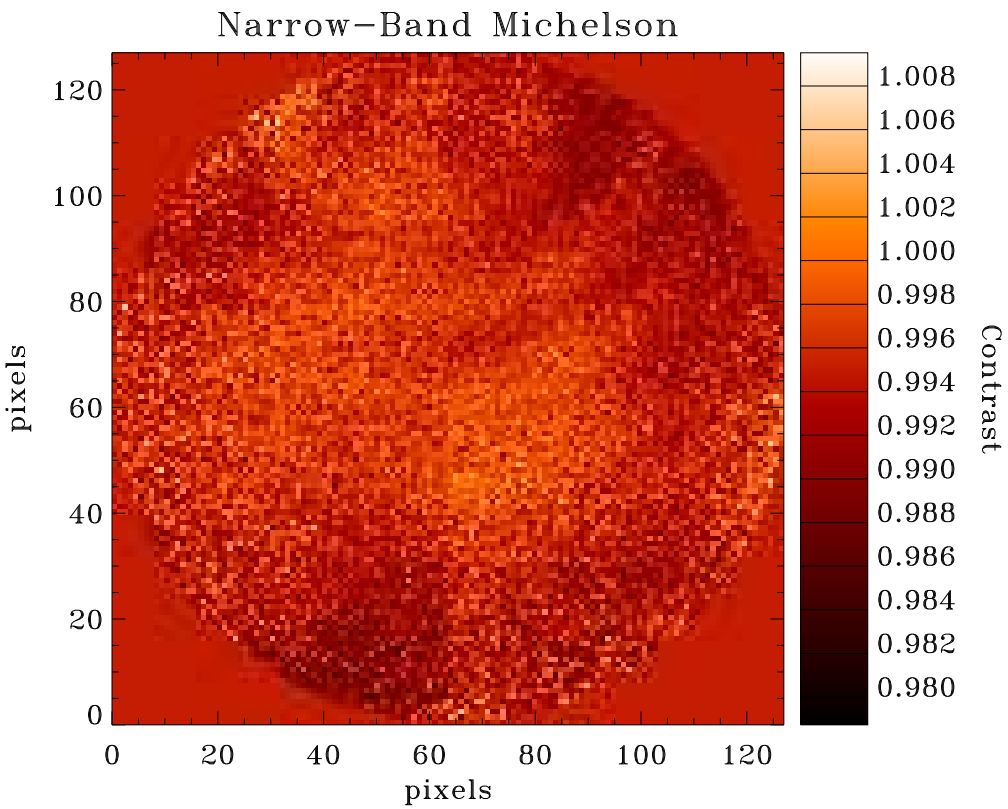
Relative Phase (in degrees)


Narrow−Band Michelson
pixels
pixels
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60
80
100
120
1.008
1.006
1.004
1.002
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0.990
0.988
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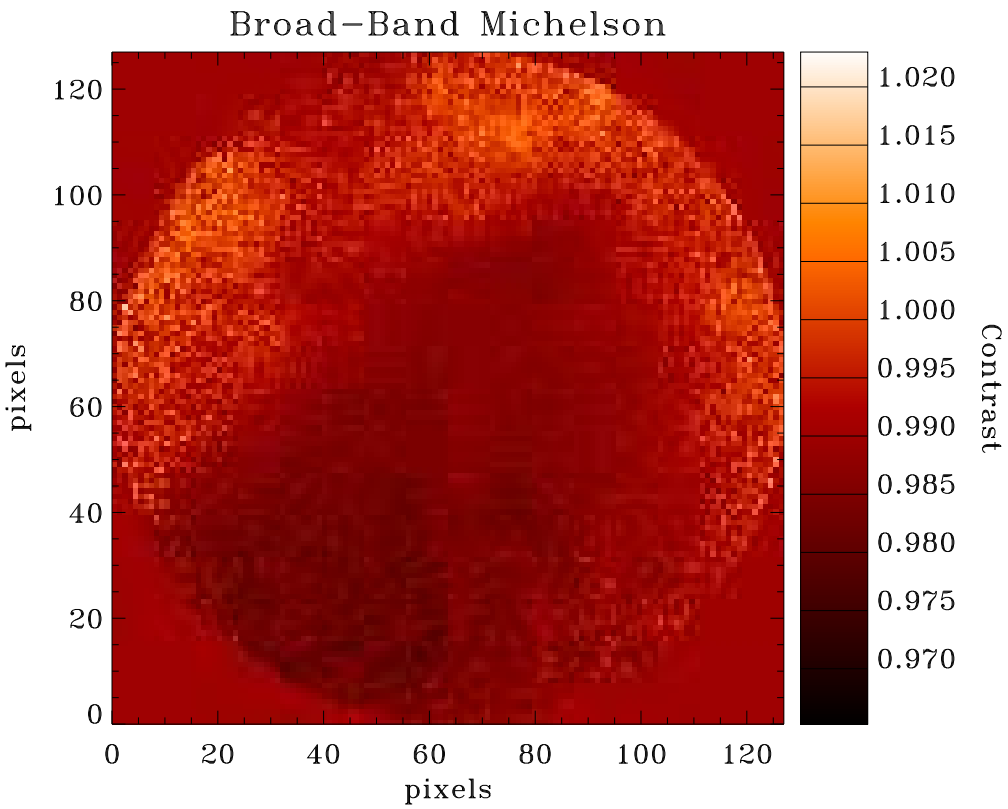
0.984
0.982
0.980
Contrast


Broad−Band Michelson
pixels
pixels
Contrast
0
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40
60
80
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1.010
1.005
1.000
0.995
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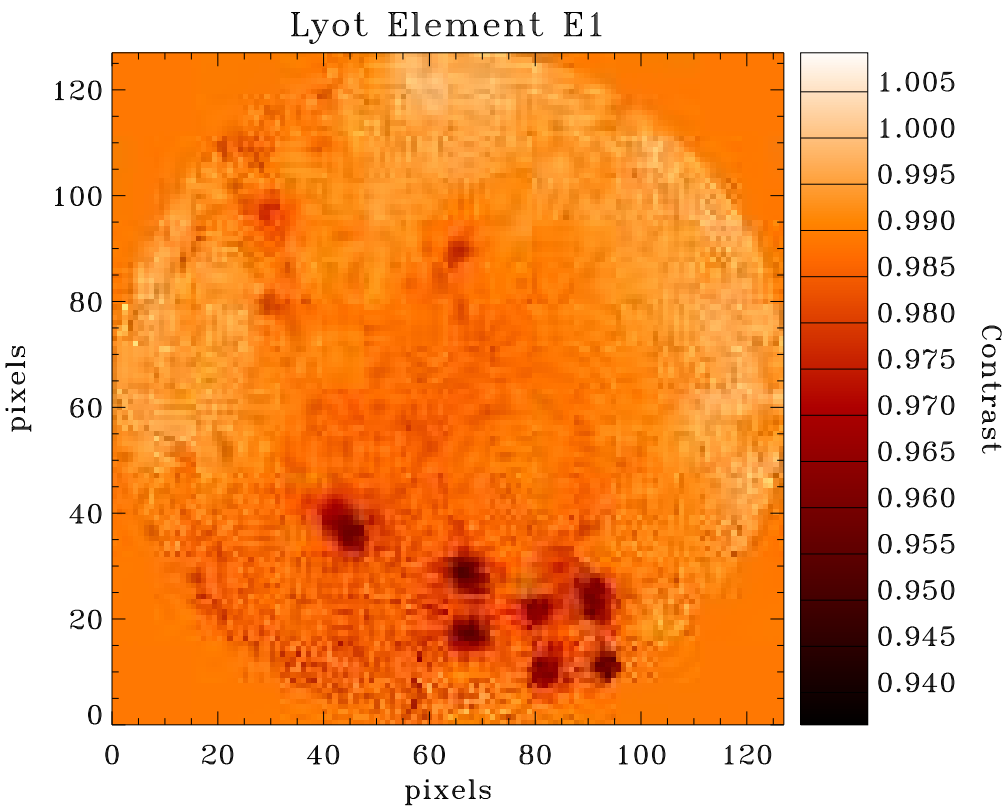
0.975
0.970


Lyot Element E1
pixels
pixels
Contrast
0
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60
80
100
120
1.005
1.000
0.995
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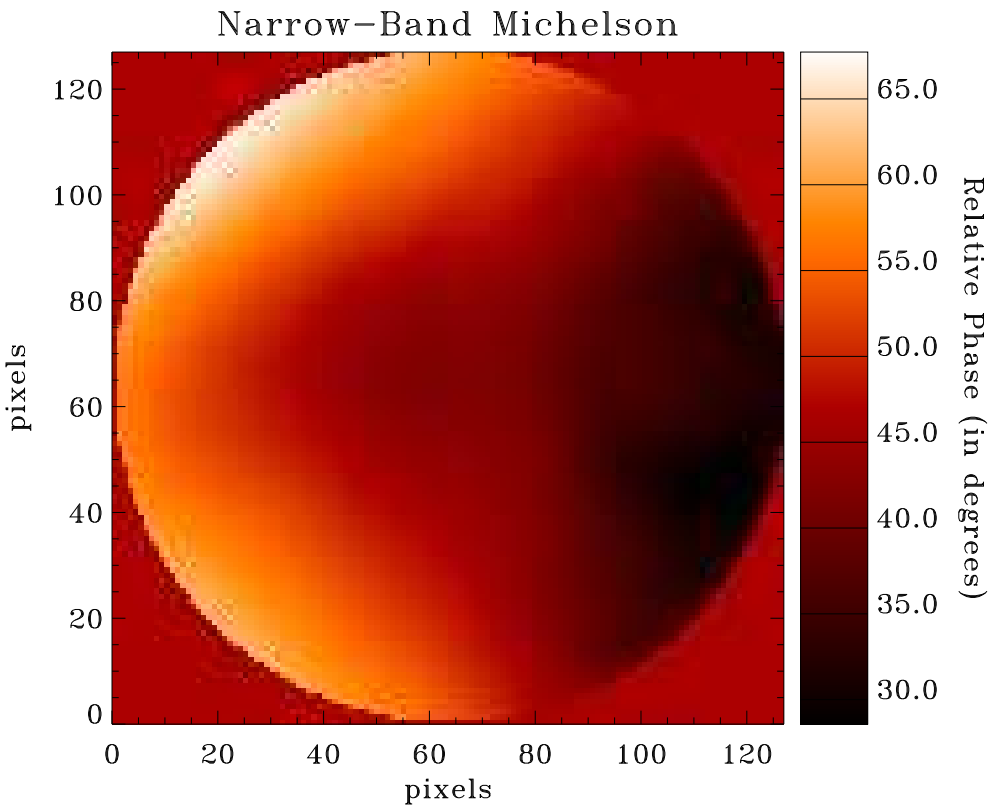
Narrow−Band Michelson
pixels
0
20
40
60
80
100
120
pixels
Relative Phase (in degrees)
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60.0
55.0
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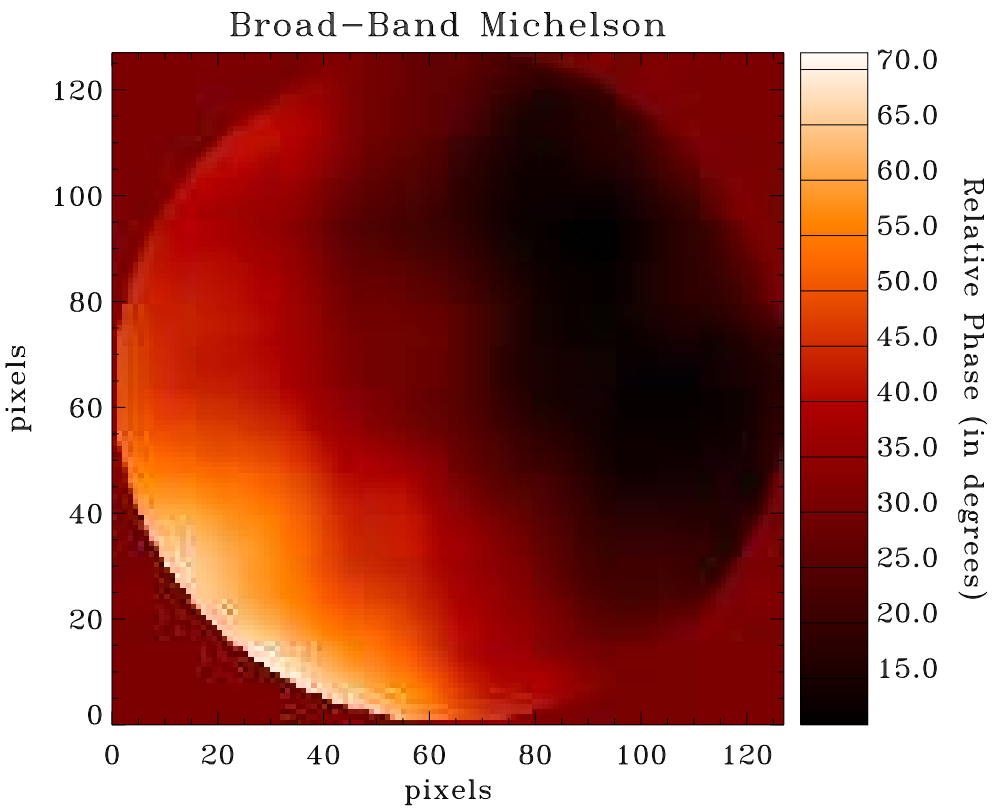
40.0
35.0
30.0


Broad−Band Michelson
pixels
0
20
40
60
80
100
120
pixels
Relative Phase (in degrees)
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55.0
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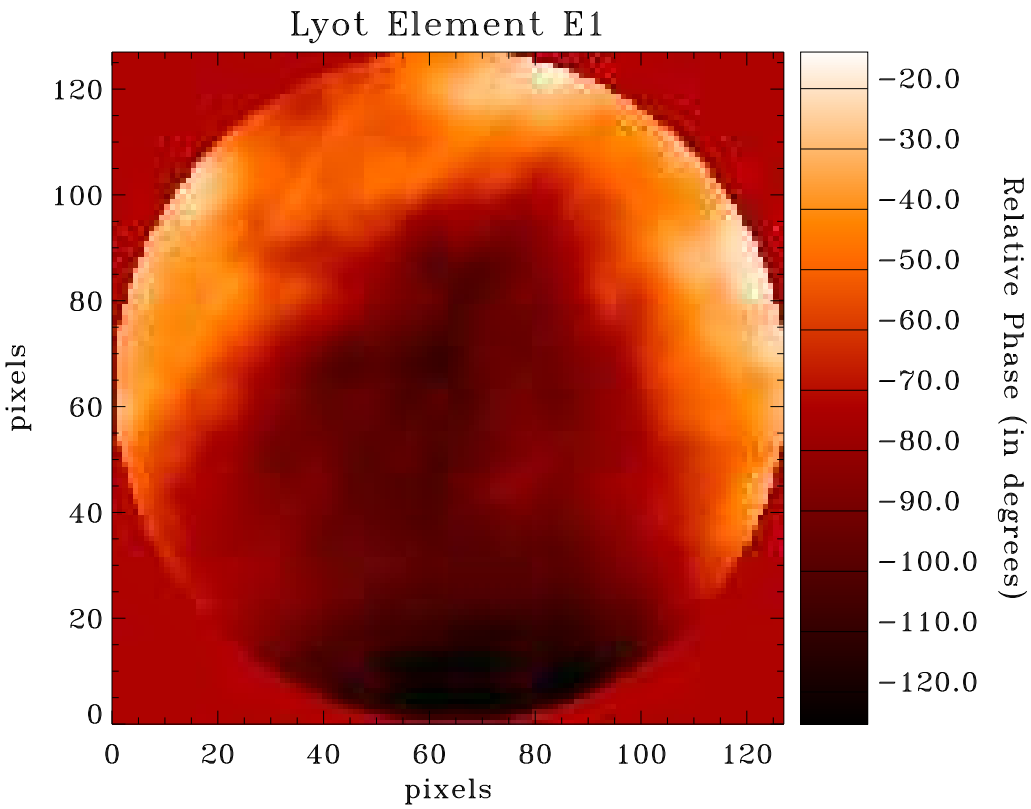
15.0


Lyot Element E1
pixels
pixels
0
20
40
60
80
100
120
−20.0
−30.0
−40.0
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−70.0
−80.0
−90.0
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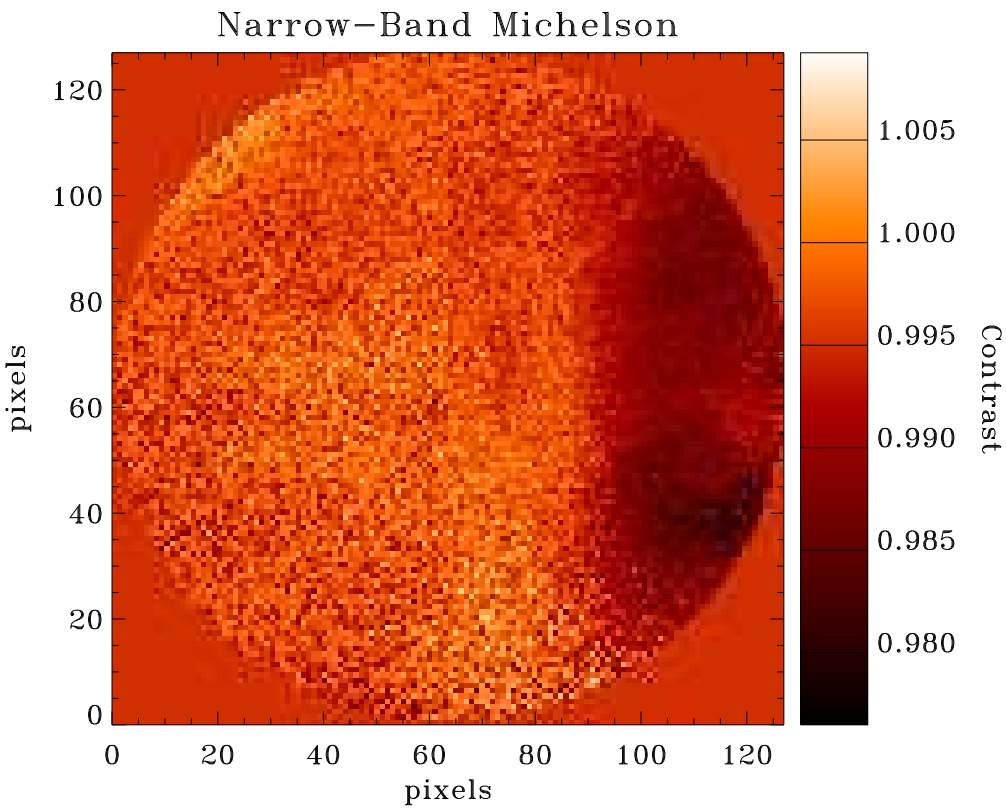
−120.0
Relative Phase (in degrees)


Narrow−Band Michelson
pixels
pixels
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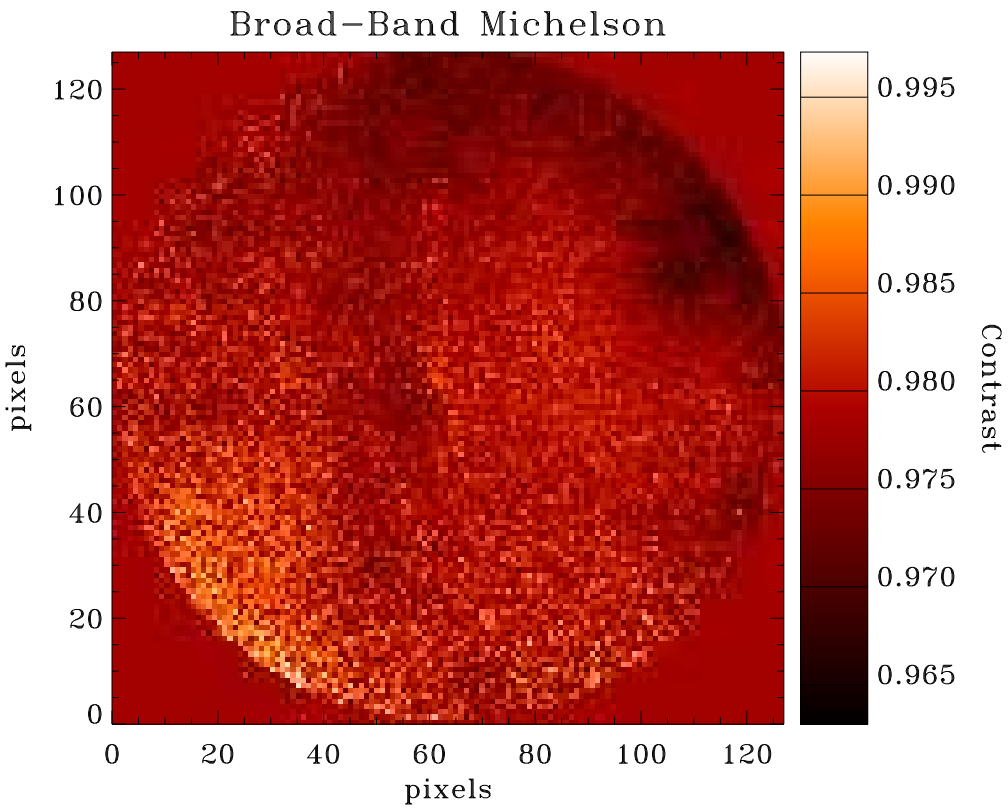
40
60
80
100
120
1.005
1.000
0.995
0.990
0.985
0.980
Contrast


Broad−Band Michelson
pixels
pixels
Contrast
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60
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100
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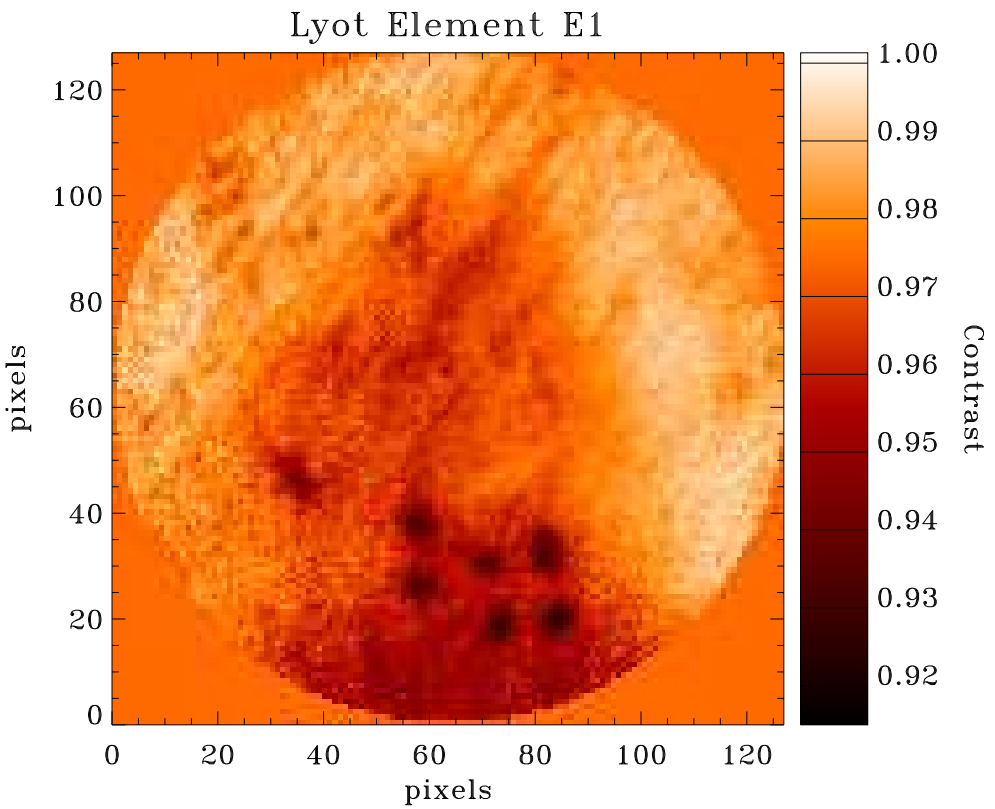
0.990
0.985
0.980
0.975
0.970
0.965


Lyot Element E1
pixels
pixels
Contrast
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0.94
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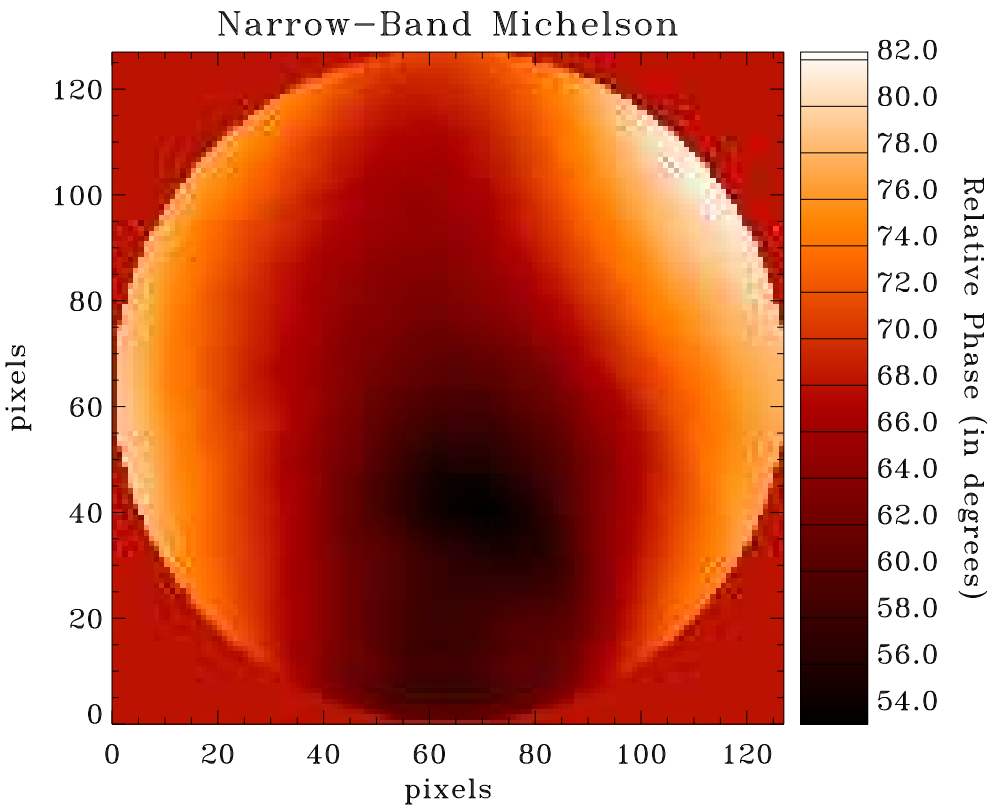
0.92


Narrow−Band Michelson
pixels
0
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60
80
100
120
pixels
Relative Phase (in degrees)
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70.0
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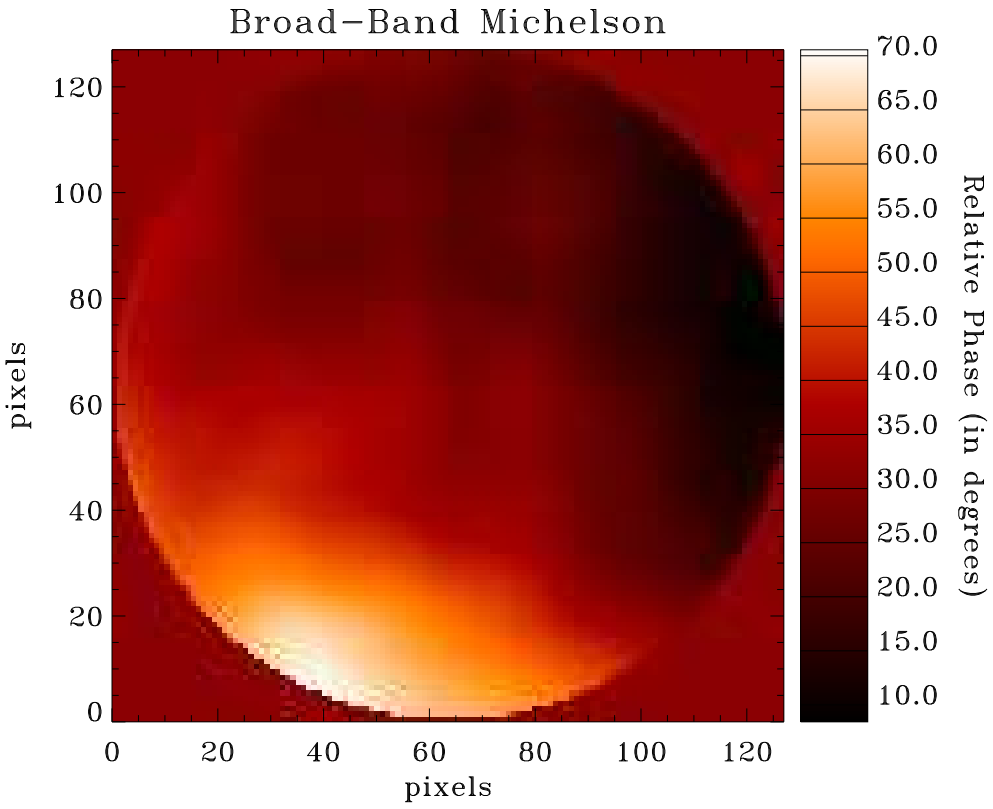
54.0


Broad−Band Michelson
pixels
0
20
40
60
80
100
120
pixels
Relative Phase (in degrees)
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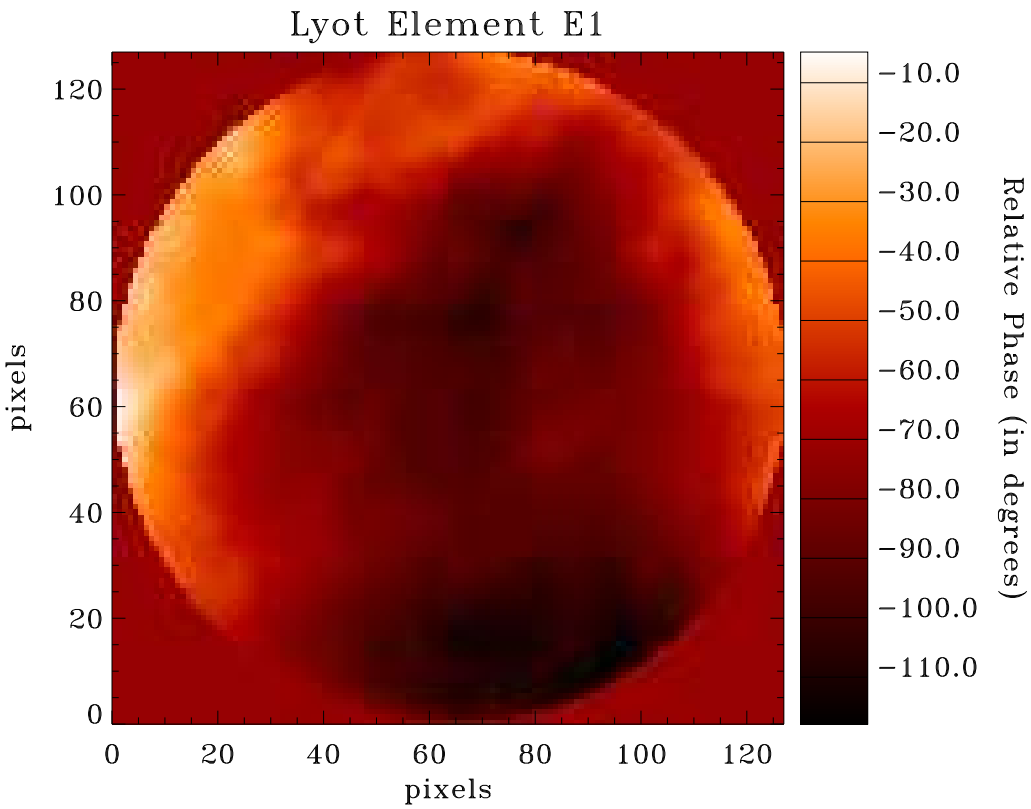
15.0
10.0


Lyot Element E1
pixels
pixels
Relative Phase (in degrees)
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−20.0
−30.0
−40.0
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−80.0
−90.0
−100.0
−110.0
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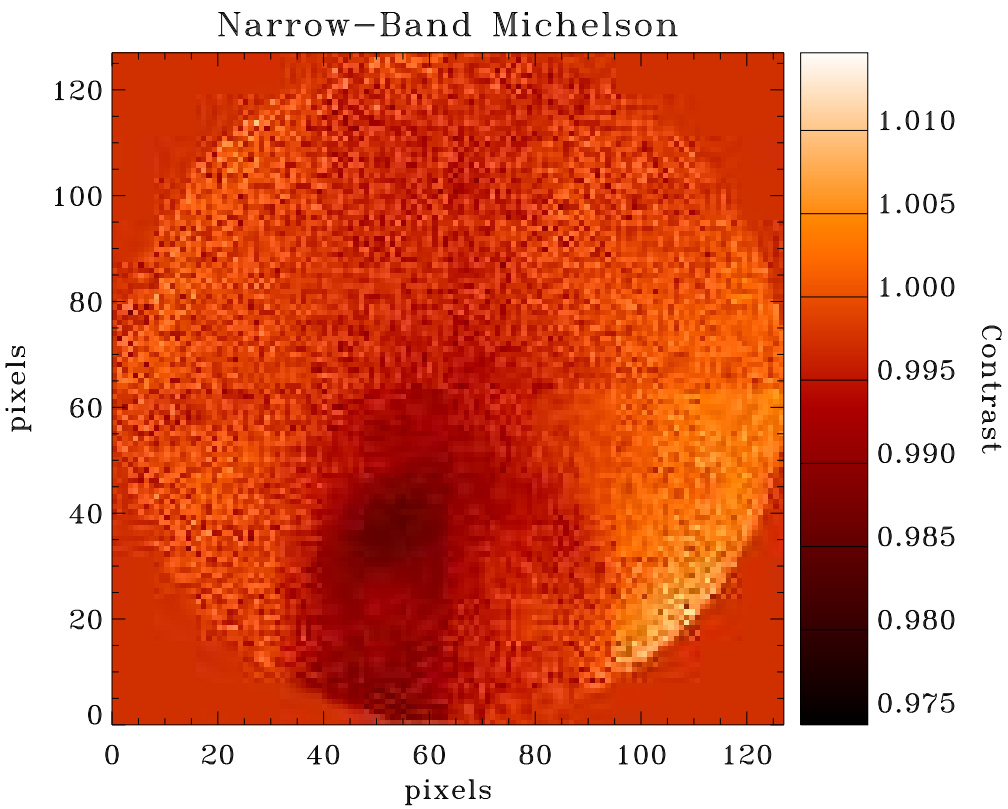
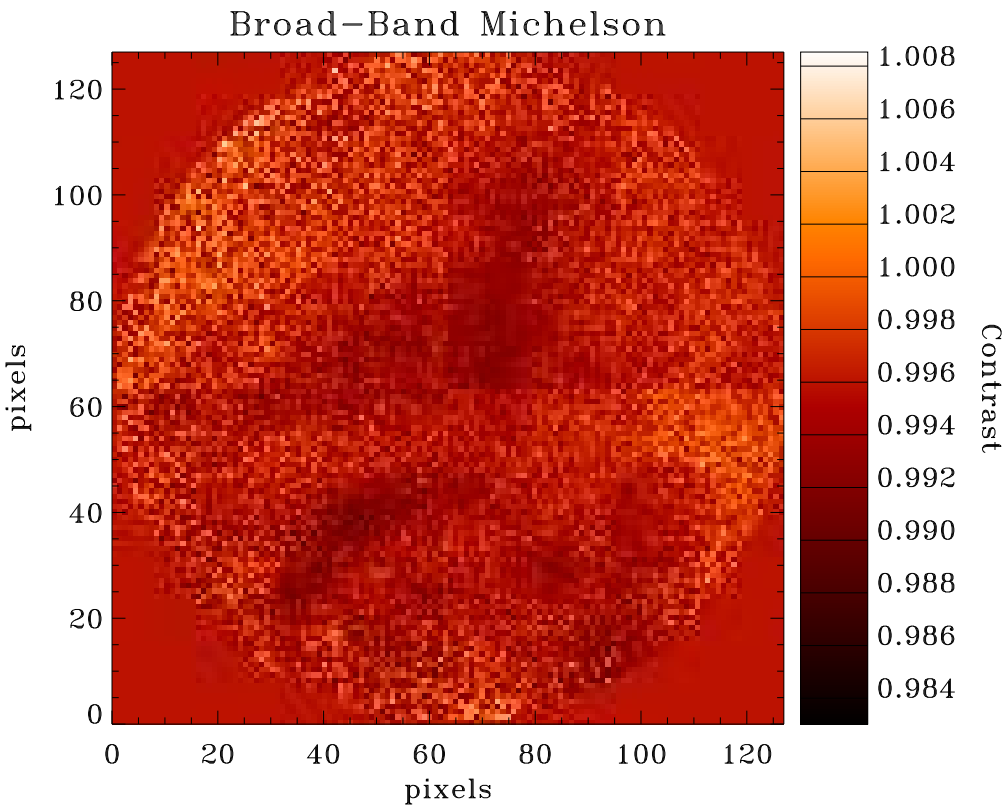
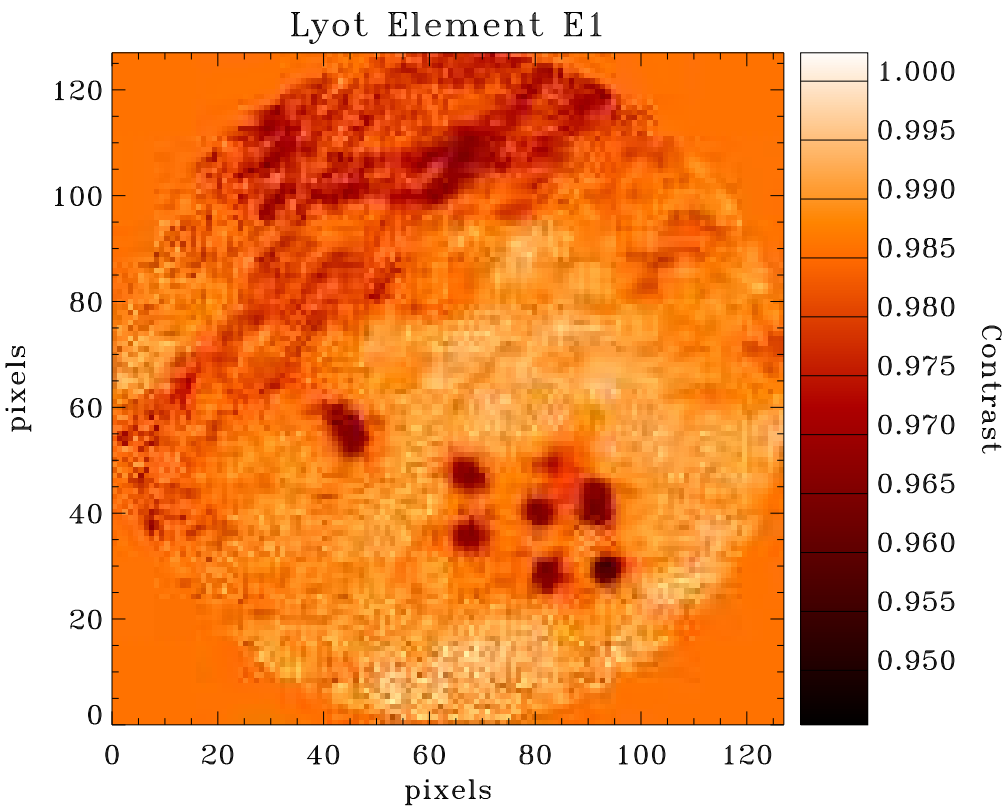
40
60
80
100
120


Narrow−Band Michelson
pixels
pixels
Contrast
1.010
1.005
1.000
0.995
0.990
0.985
0.980
0.975
0
20
40
60
80
100
120


Broad−Band Michelson
pixels
0
20
40
60
80
100
120
pixels
1.008
1.006
1.004
1.002
1.000
0.998
0.996
0.994
0.992
0.990
0.988
0.986
0.984
Contrast


Lyot Element E1
pixels
0
20
40
60
80
100
120
pixels
1.000
0.995
0.990
0.985
0.980
0.975
0.970
0.965
0.960
0.955
0.950
Contrast