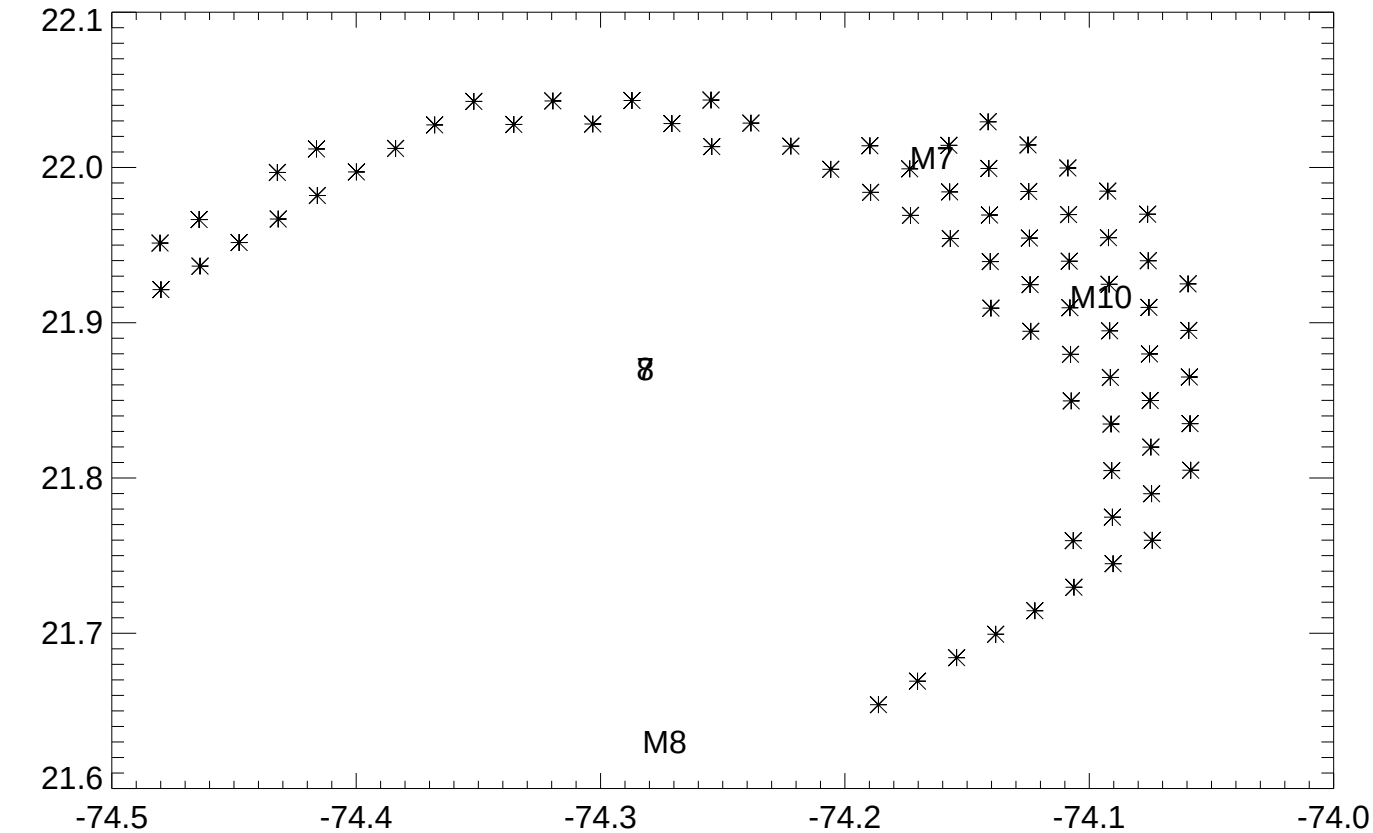
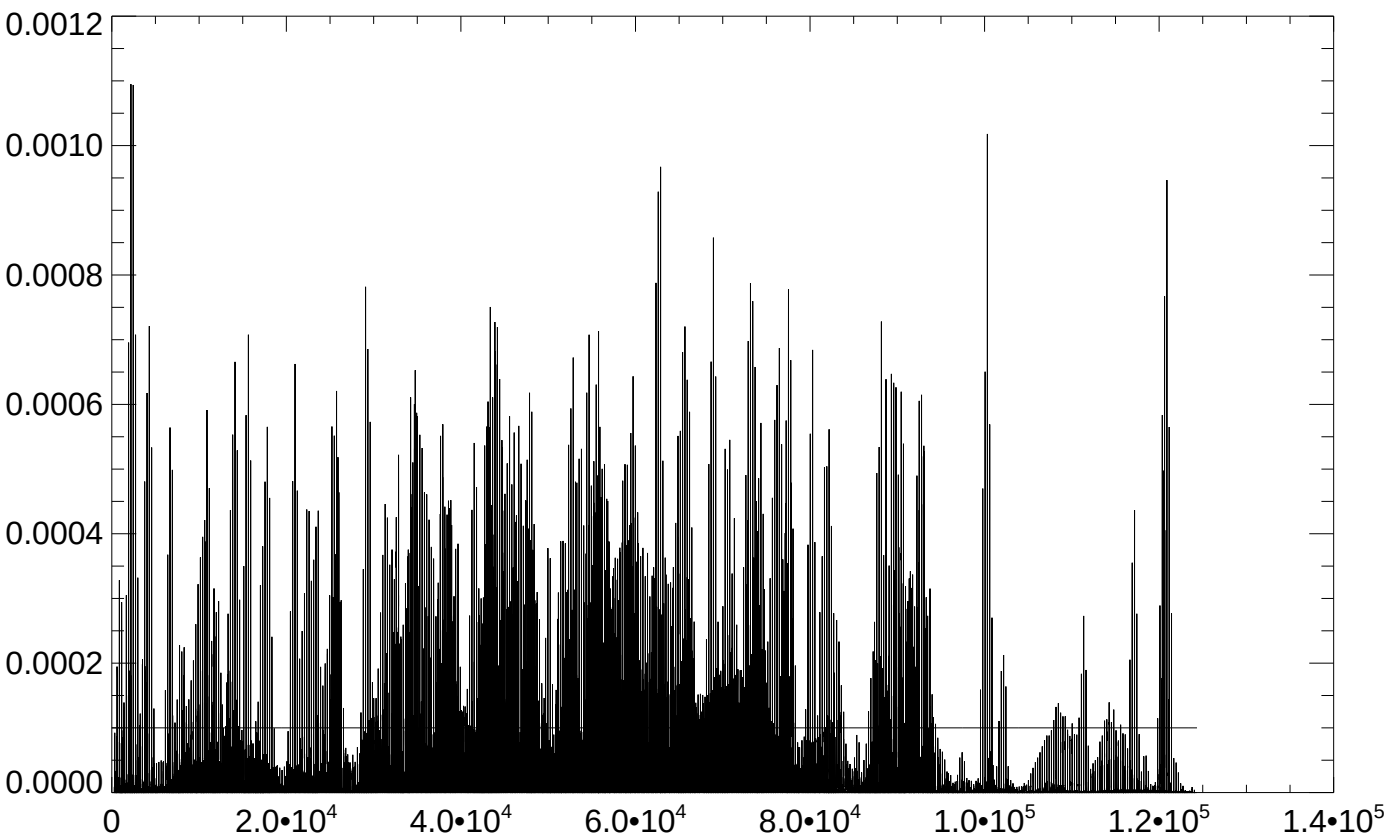
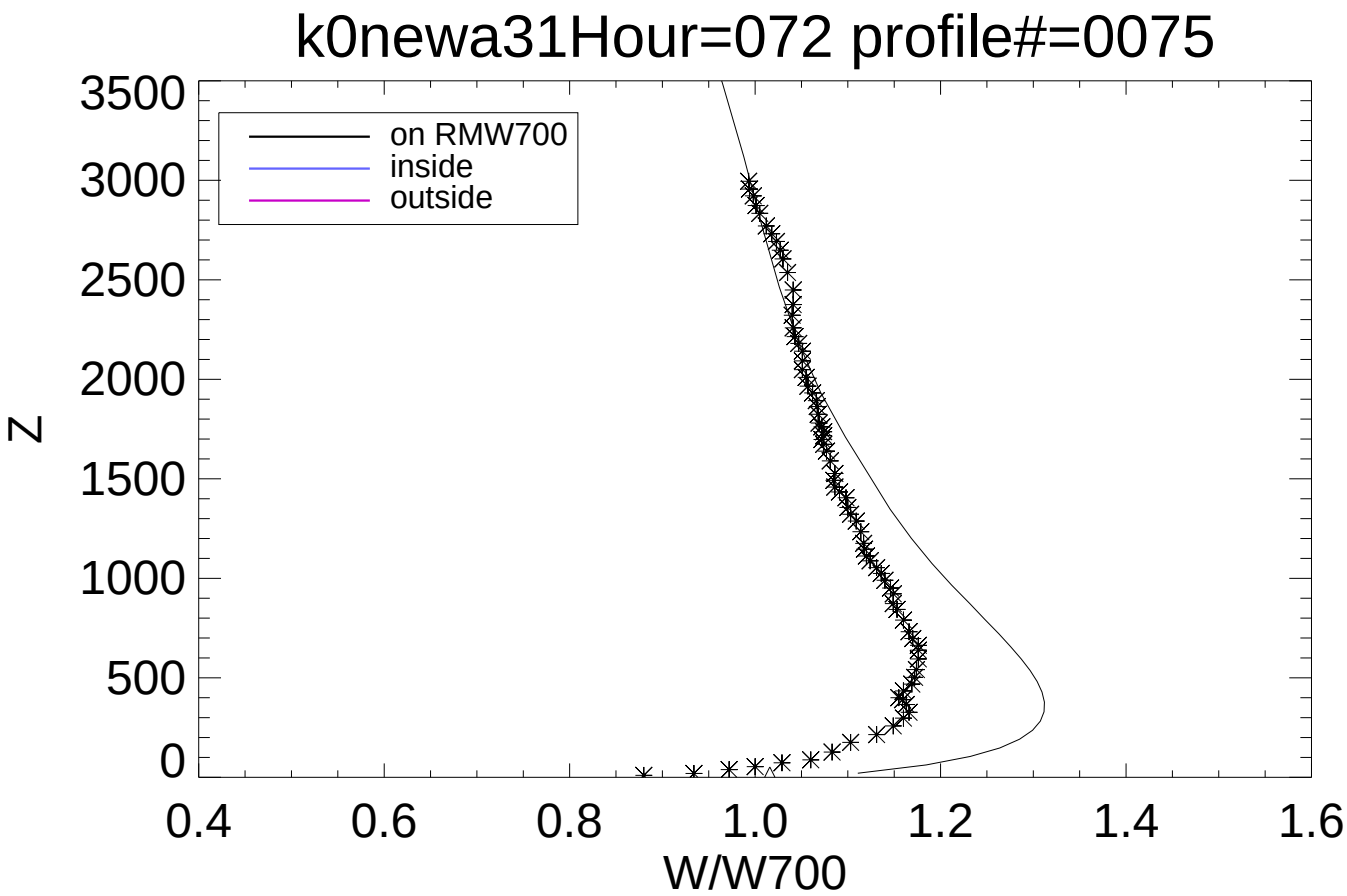
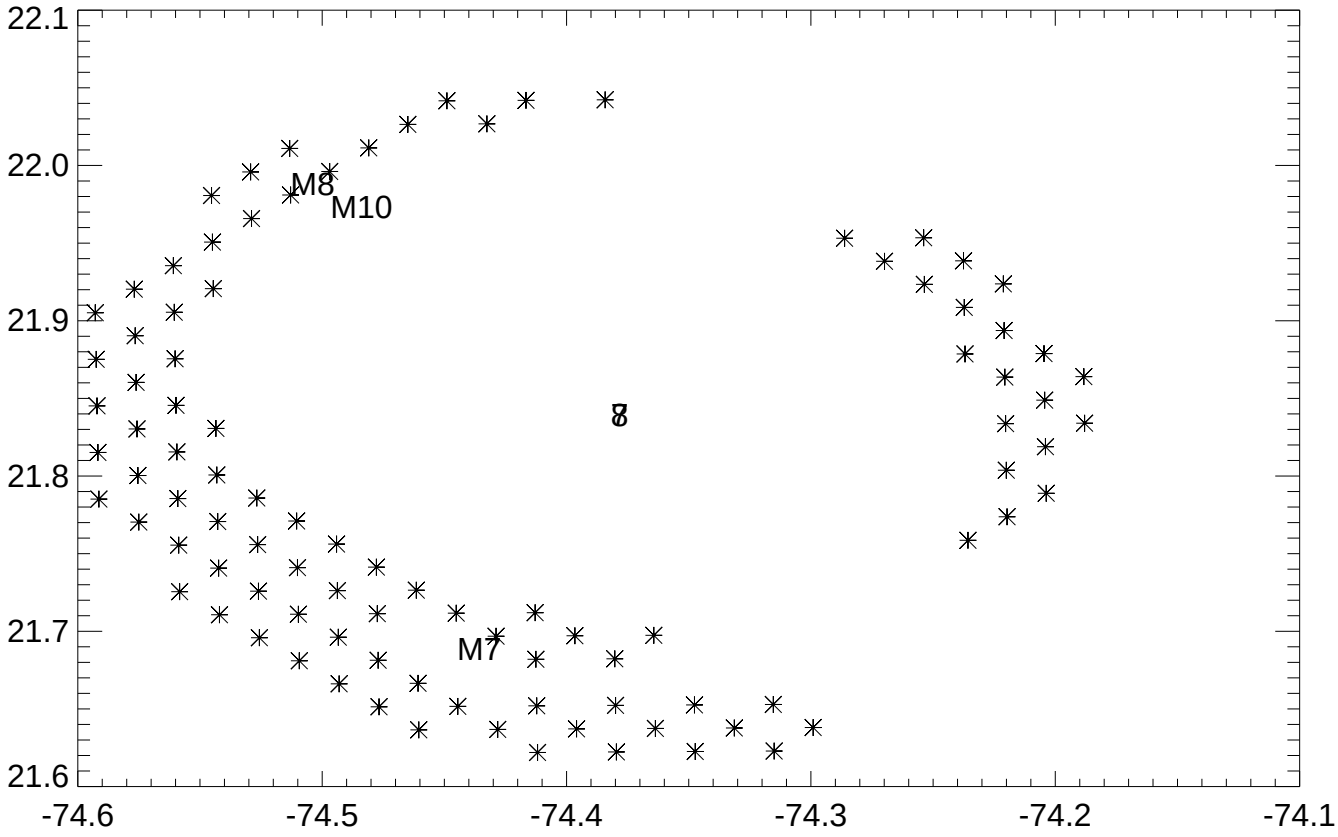
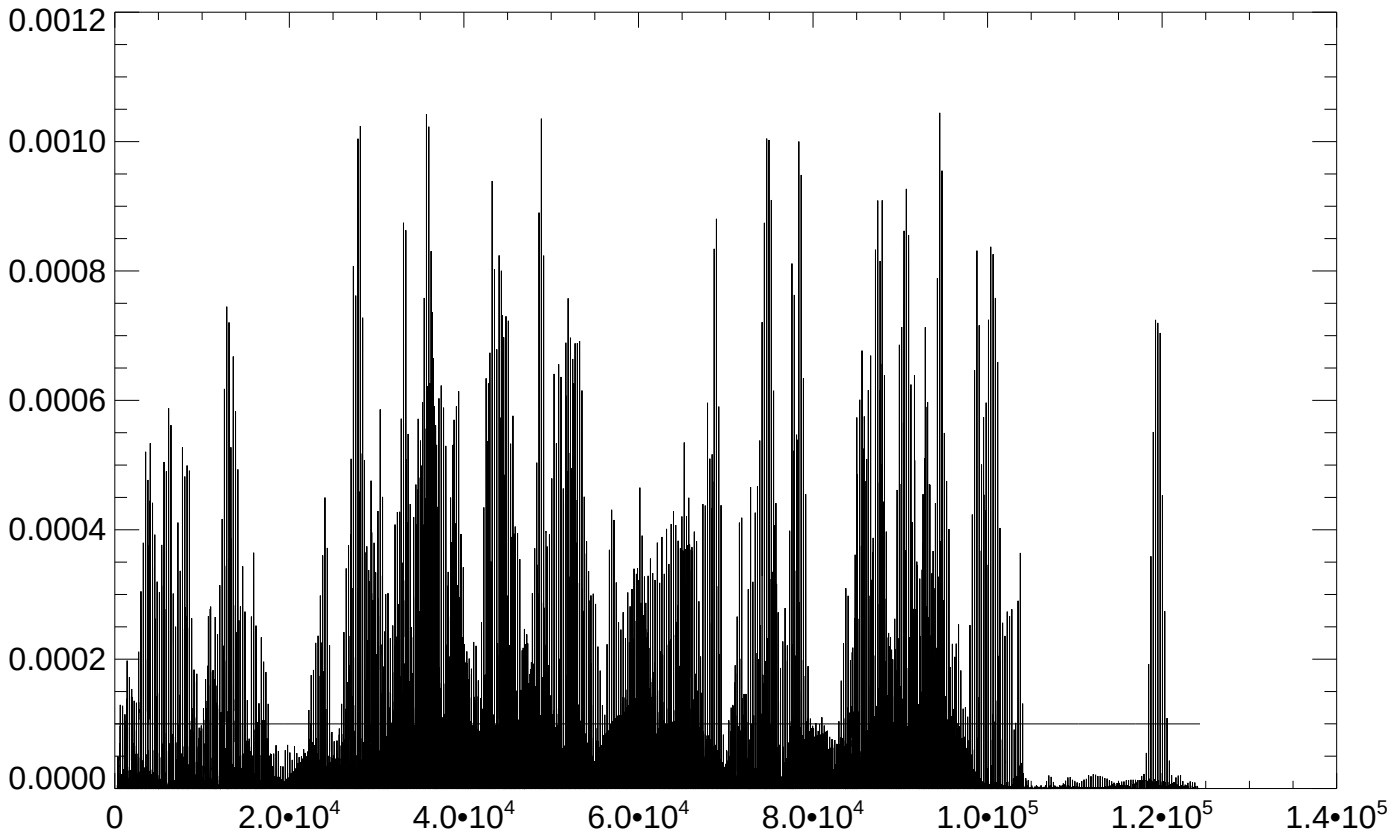
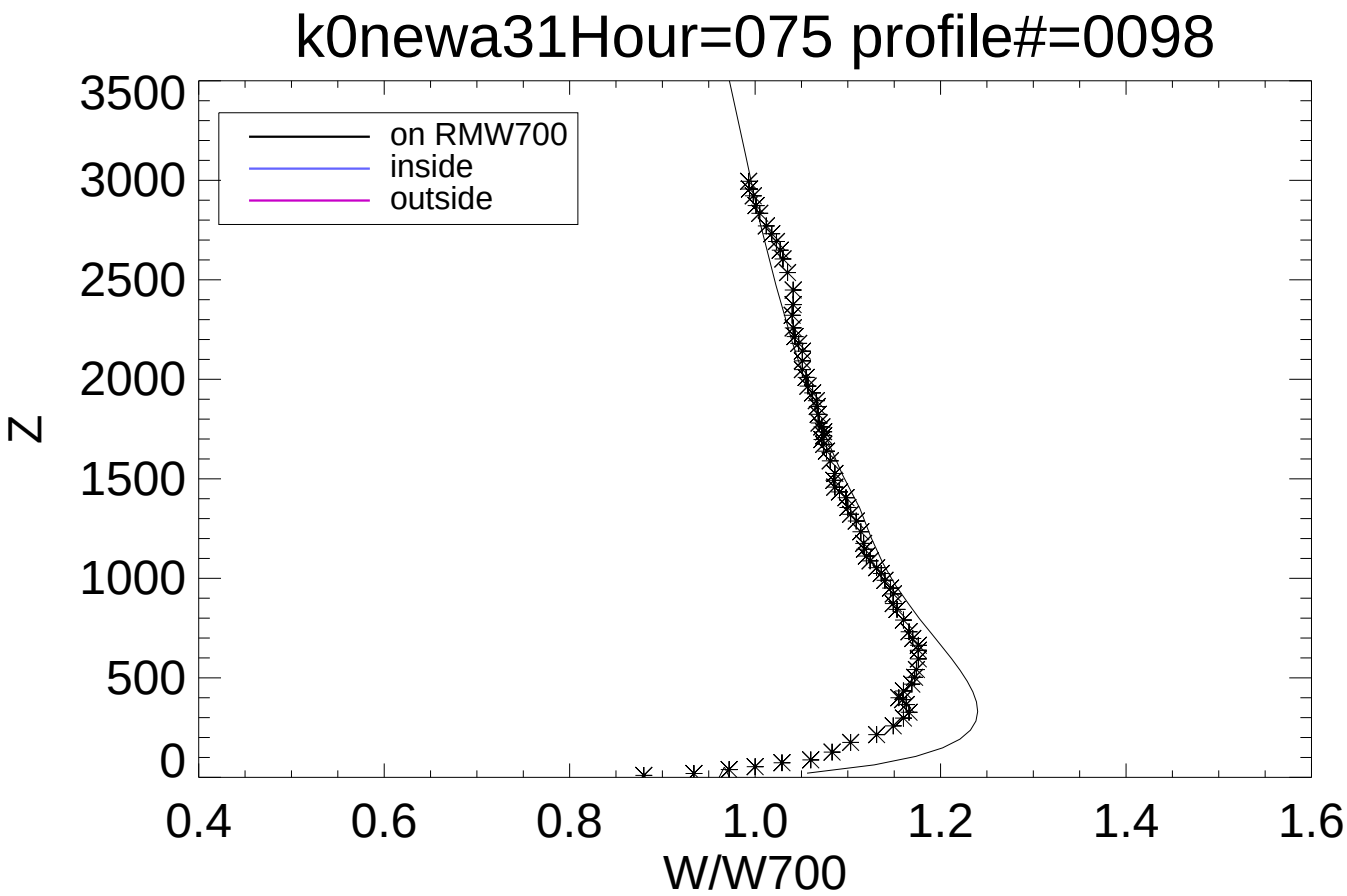

22.1
22.0
21.9
21.8
21.7
21.6
-74.5
-74.4
-74.3
-74.2
-74.1
-74.0
M7
M10
M8

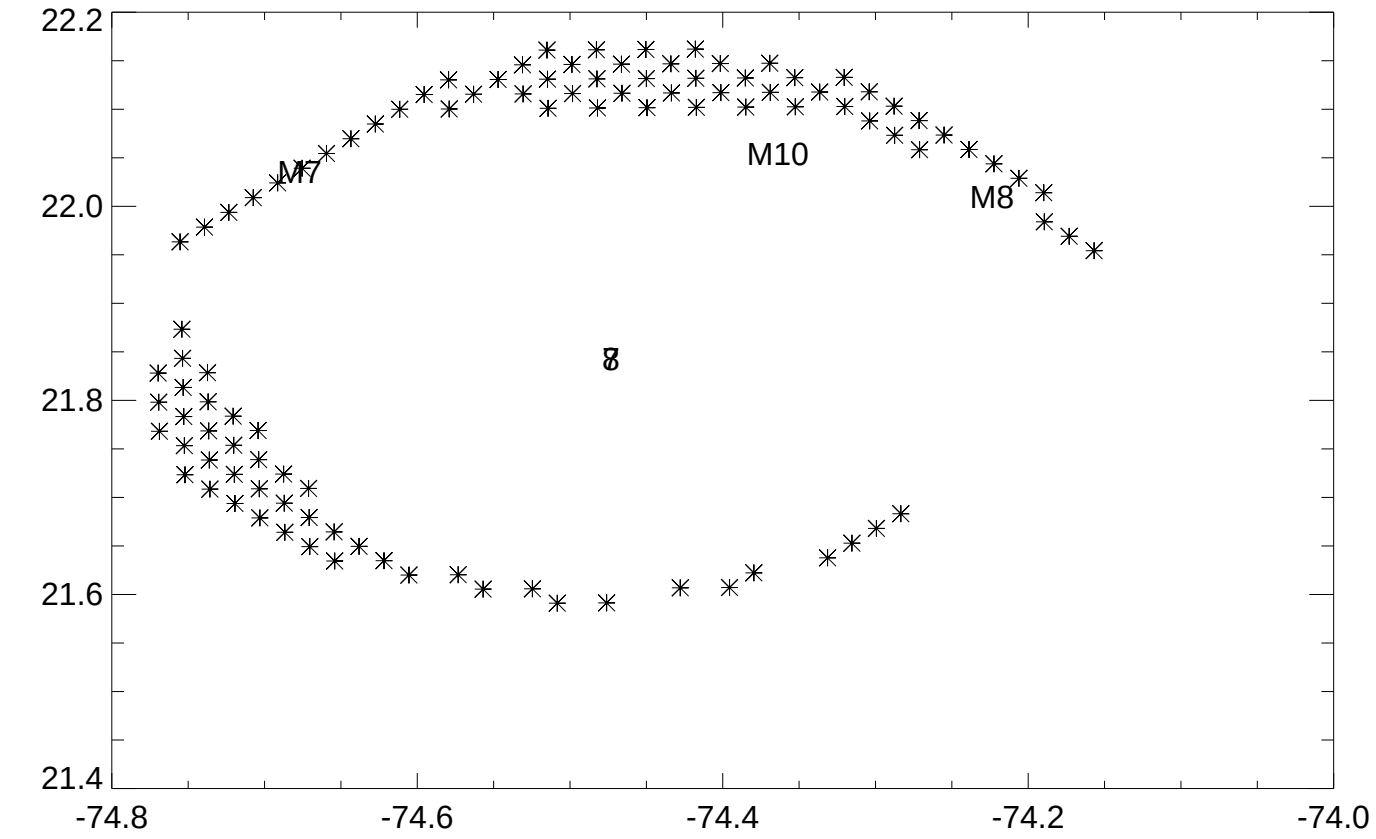

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

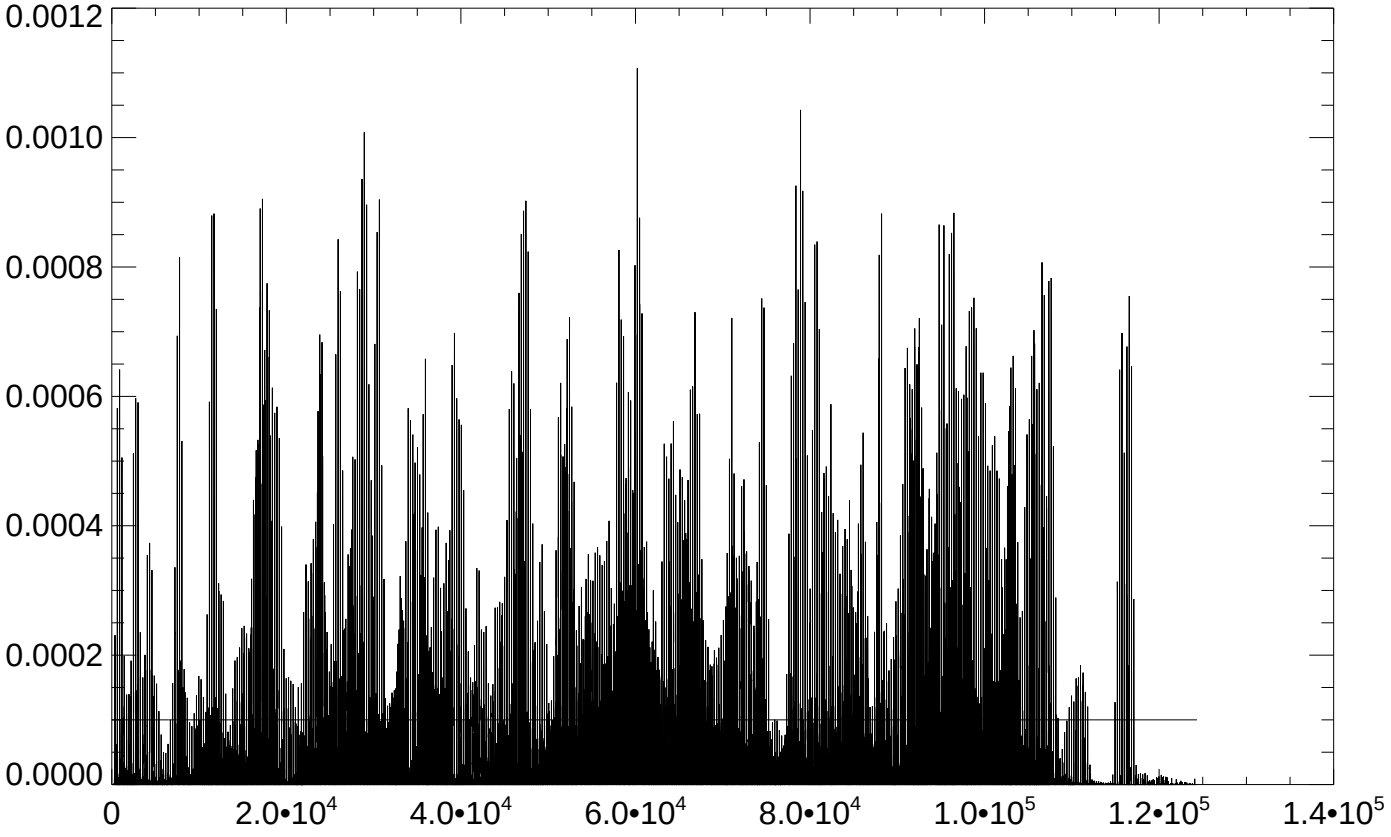

k0newa31Hour=072 profile#=0075
on RMW700
inside
outside
Z
W/W700
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6

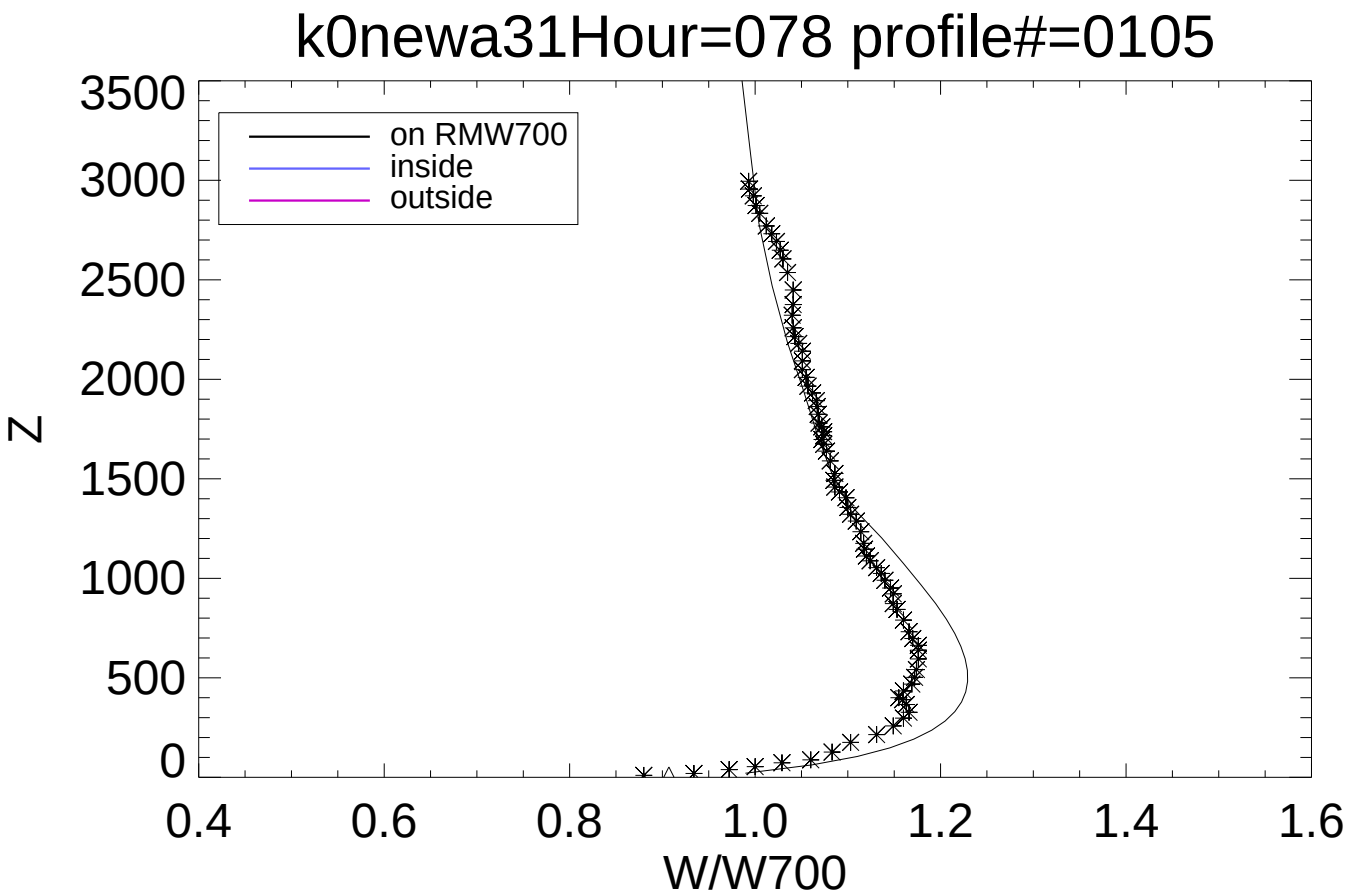

M8
M10
M7
22.1
22.0
21.9
21.8
21.7
21.6
-74.6
-74.5
-74.4
-74.3
-74.2
-74.1

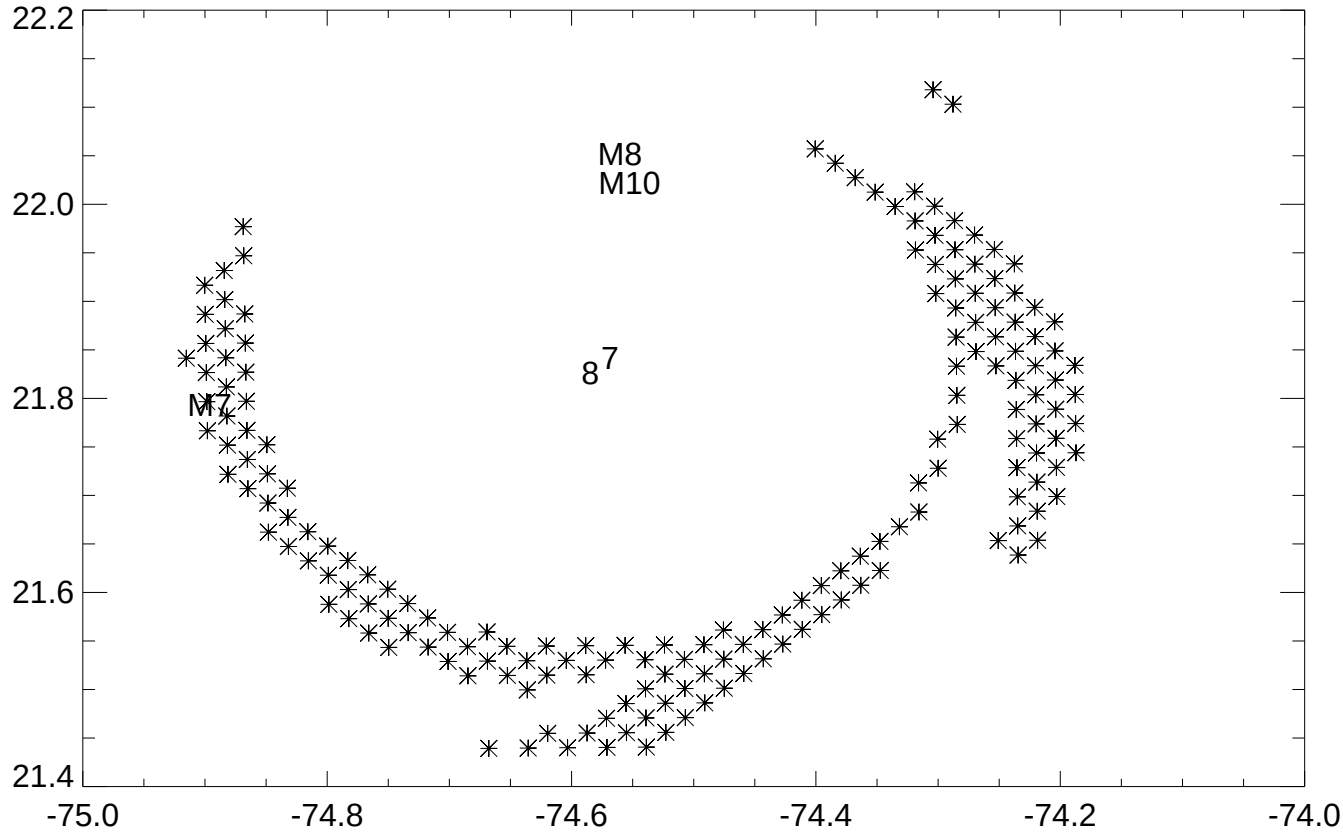

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

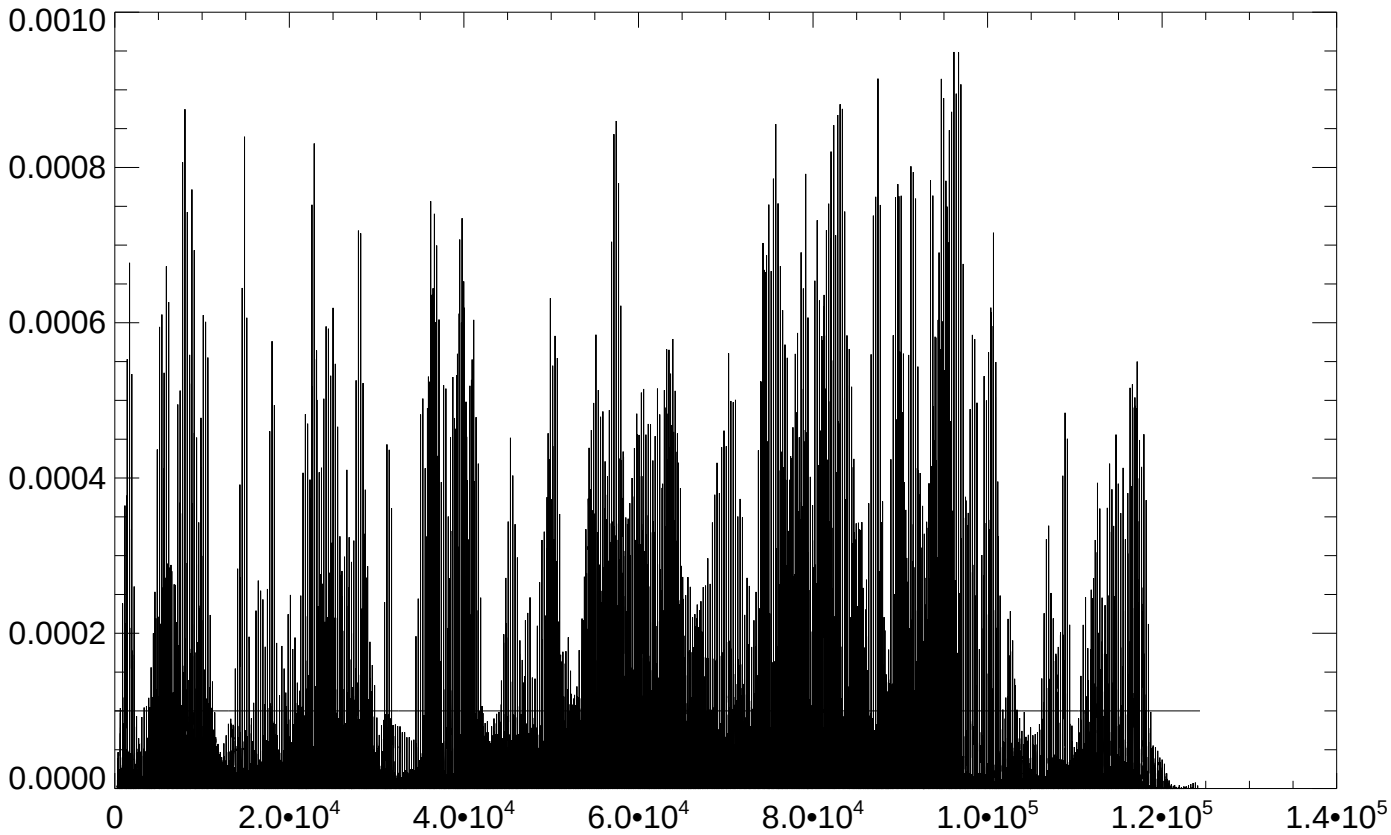

k0newa31Hour=075 profile#=0098
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

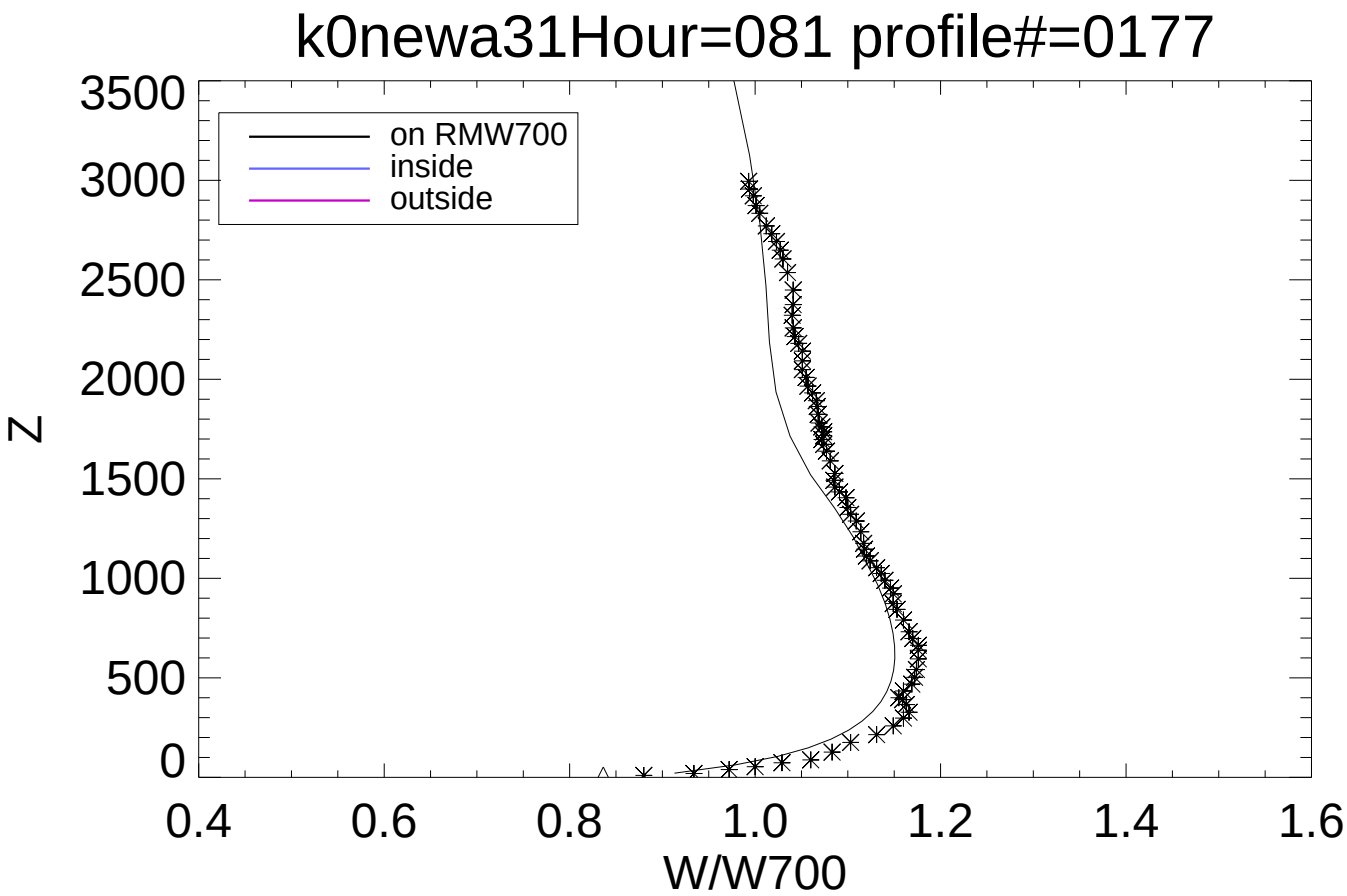

22.2
22.0
21.8
21.6
21.4
-74.8
-74.6
-74.4
-74.2
-74.0
M7
M10
M8

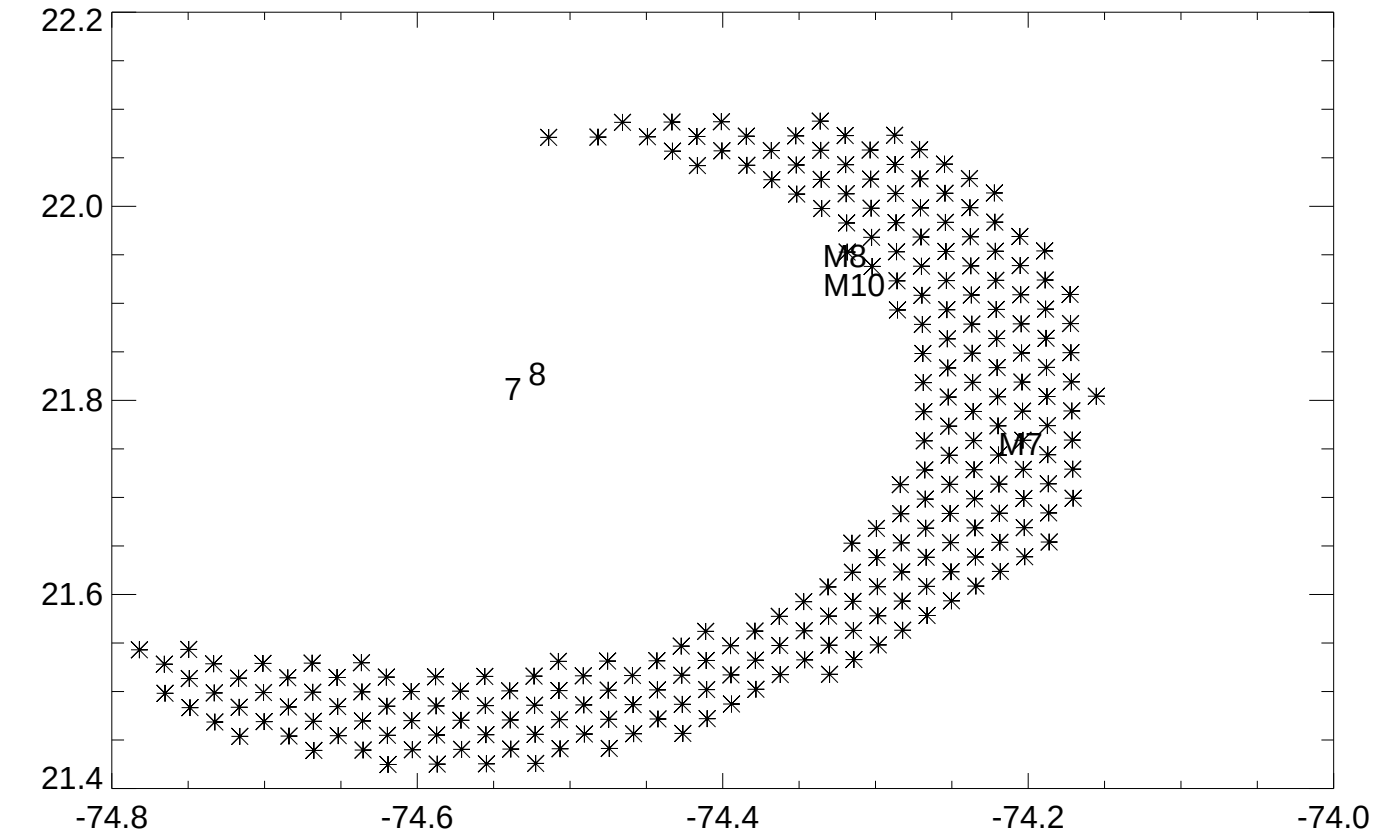

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

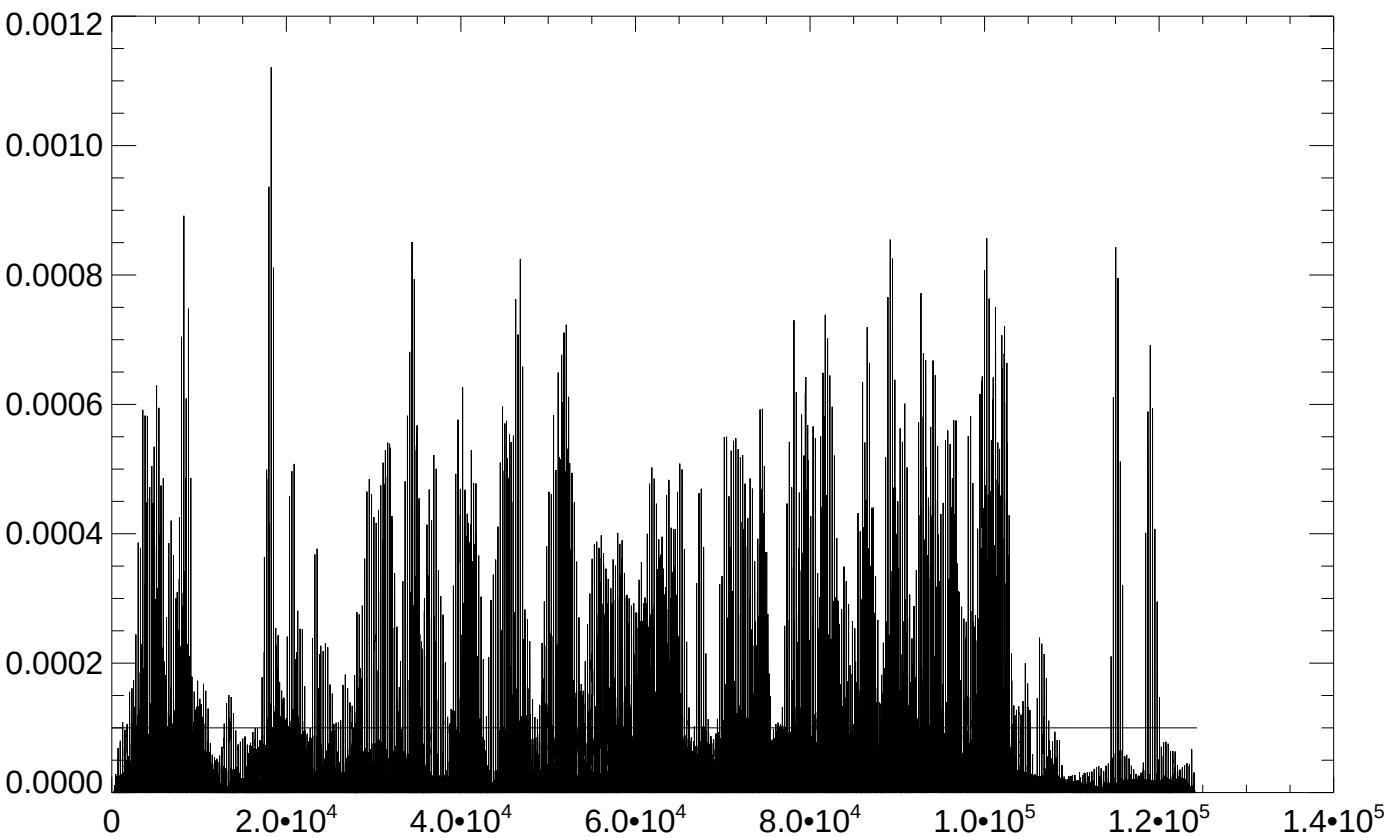

k0newa31Hour=078 profile#=0105
on RMW700
inside
outside
Z
W/W700
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6

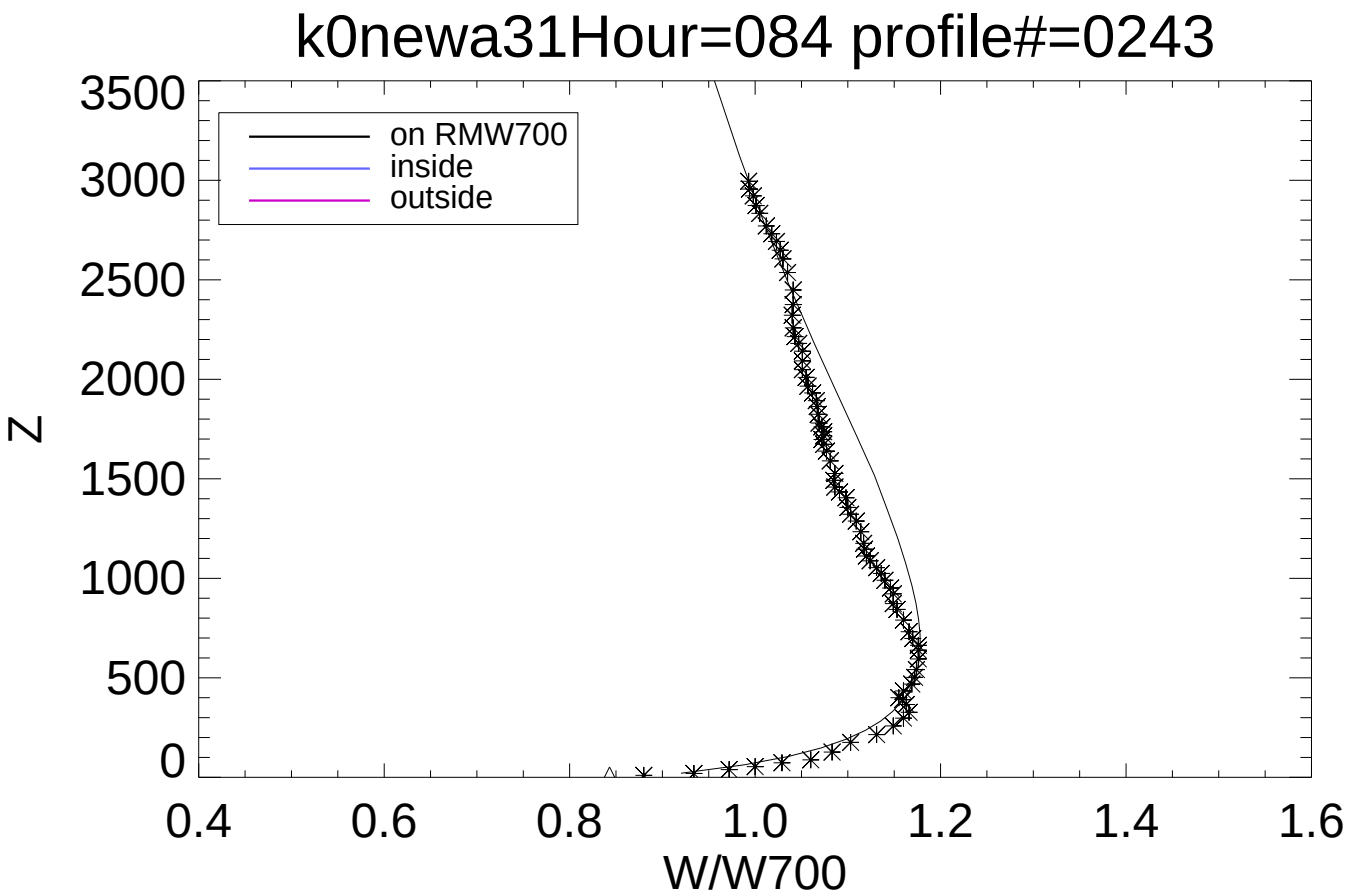

M8
M10
M7
22.2
22.0
21.8
21.6
21.4
-75.0
-74.8
-74.6
-74.4
-74.2
-74.0

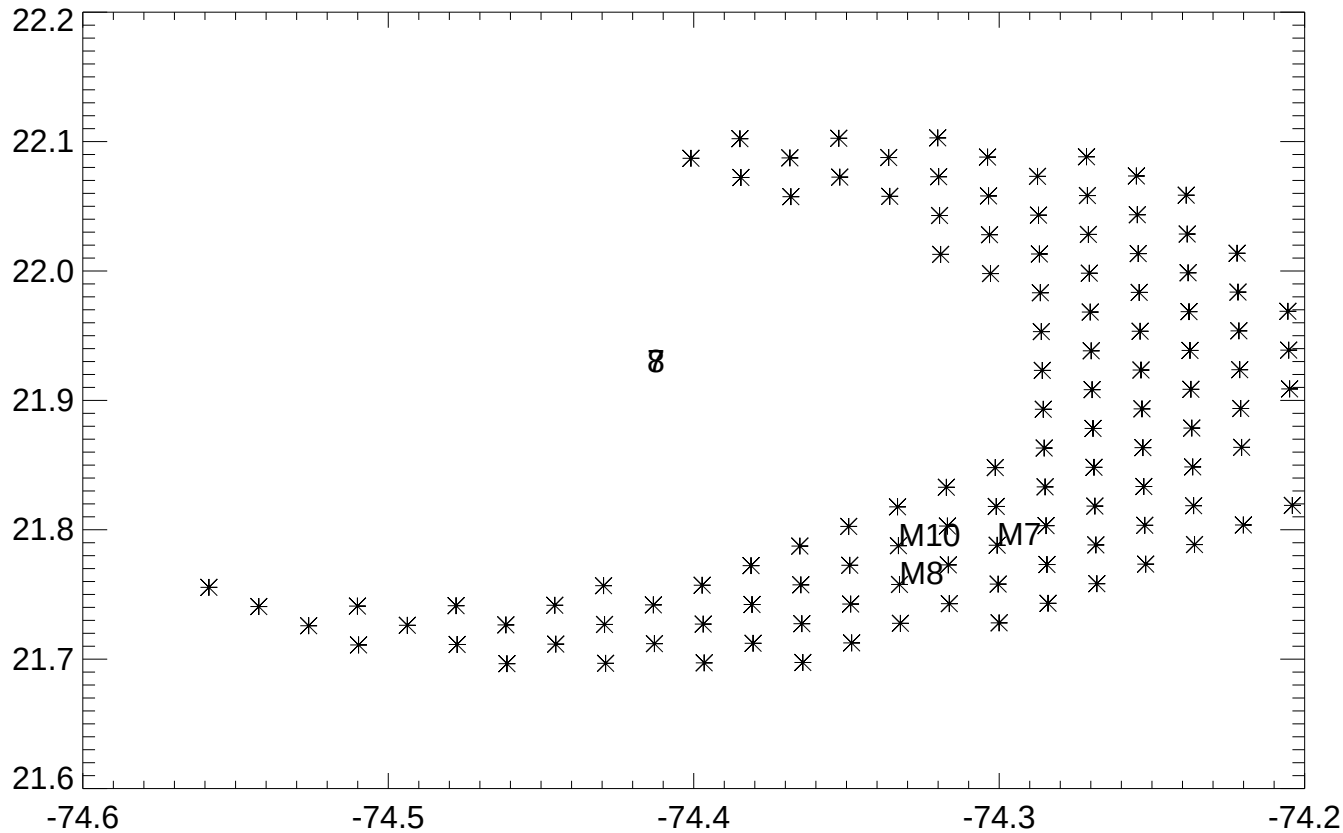

0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

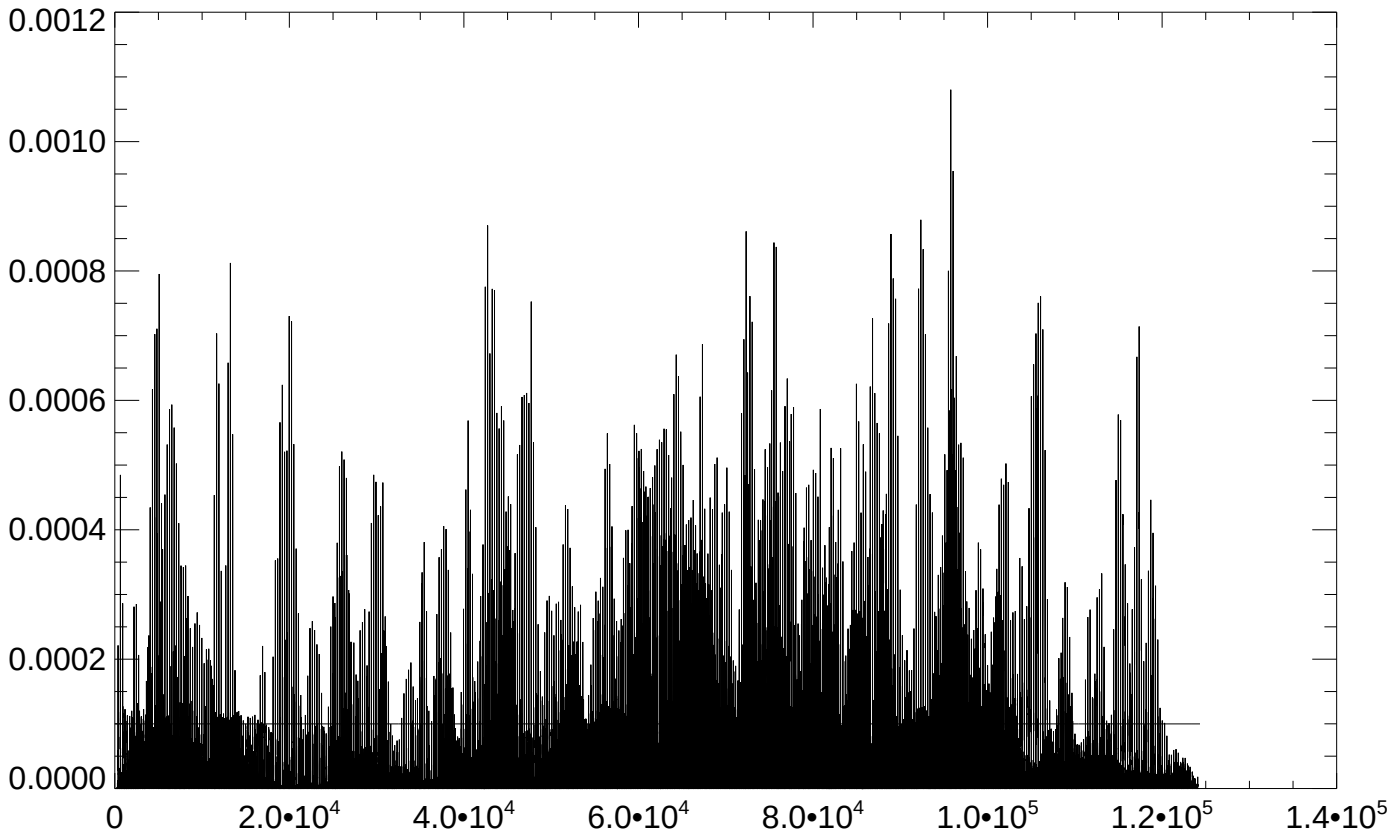

k0newa31Hour=081 profile#=0177
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

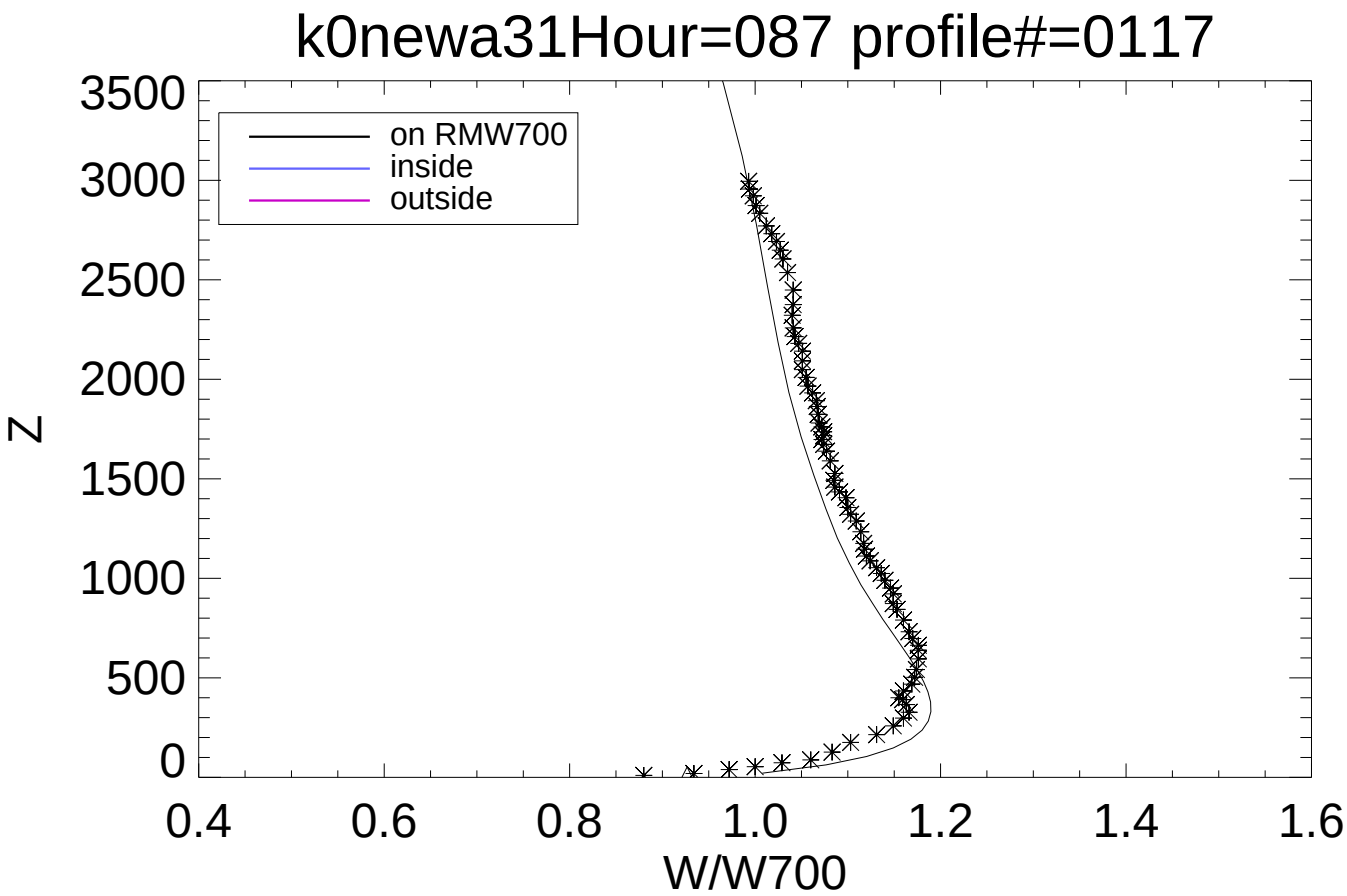

22.2
22.0
21.8
21.6
21.4
-74.8
-74.6
-74.4
-74.2
-74.0
M8
M10
7
8
M7

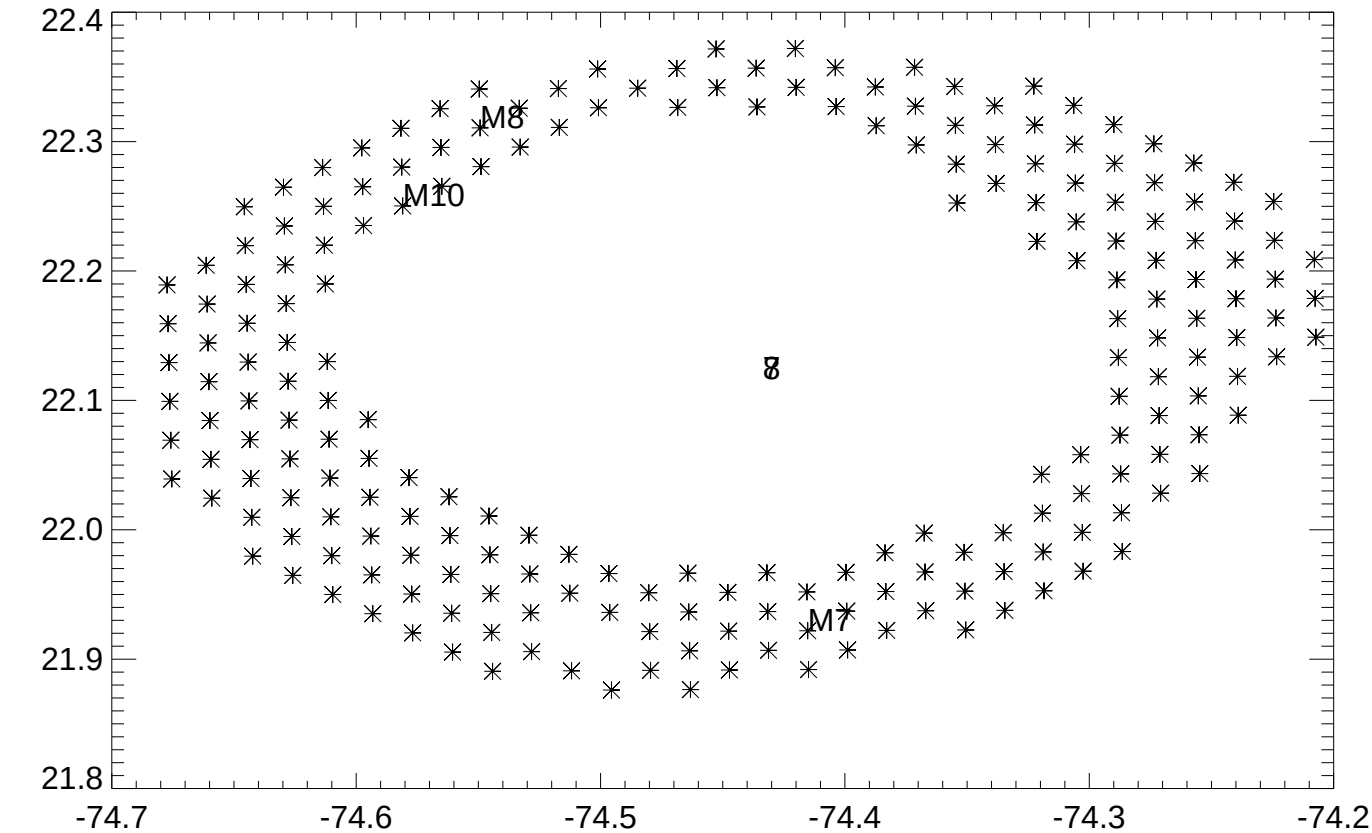

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

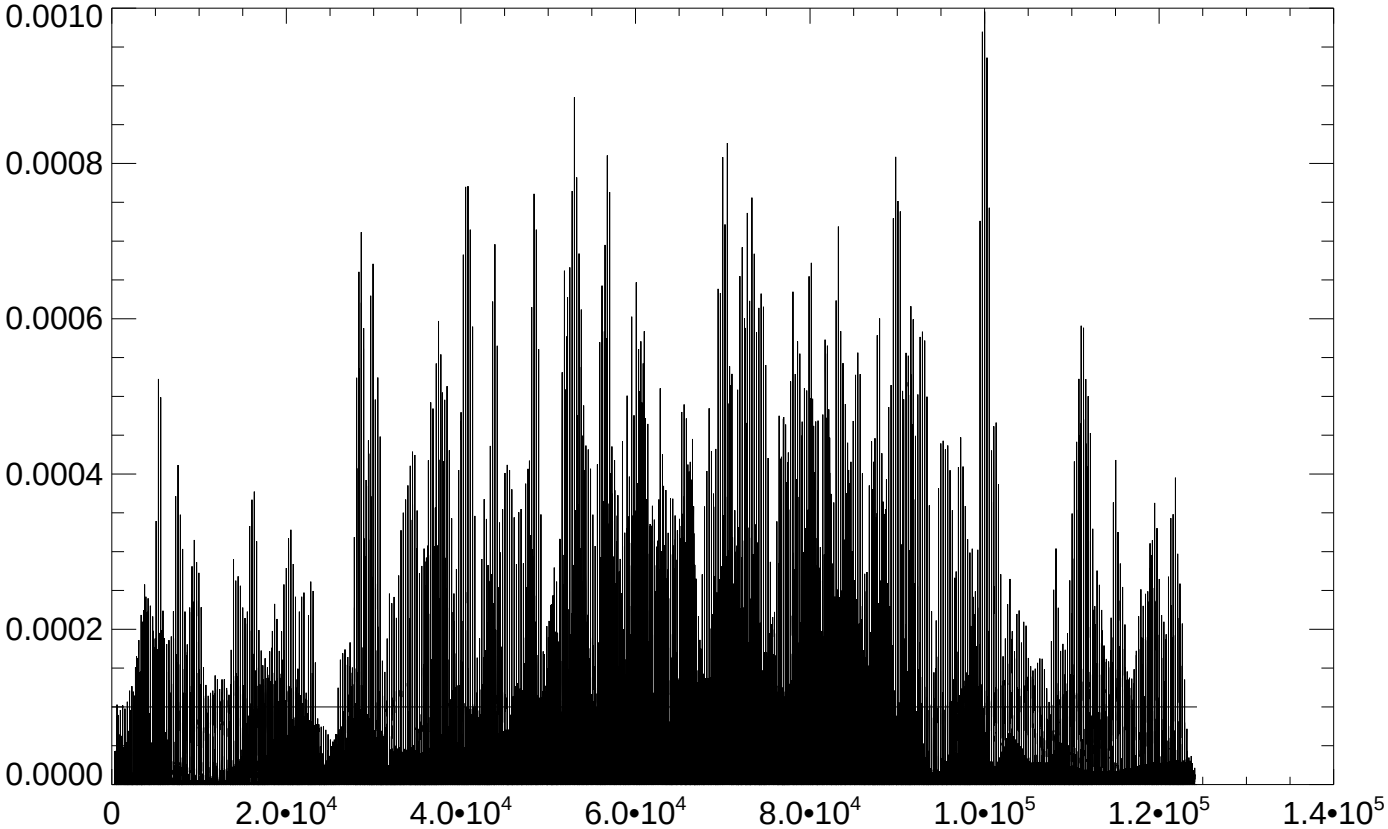

k0newa31Hour=084 profile#=0243
on RMW700
inside
outside
Z
W/W700
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6

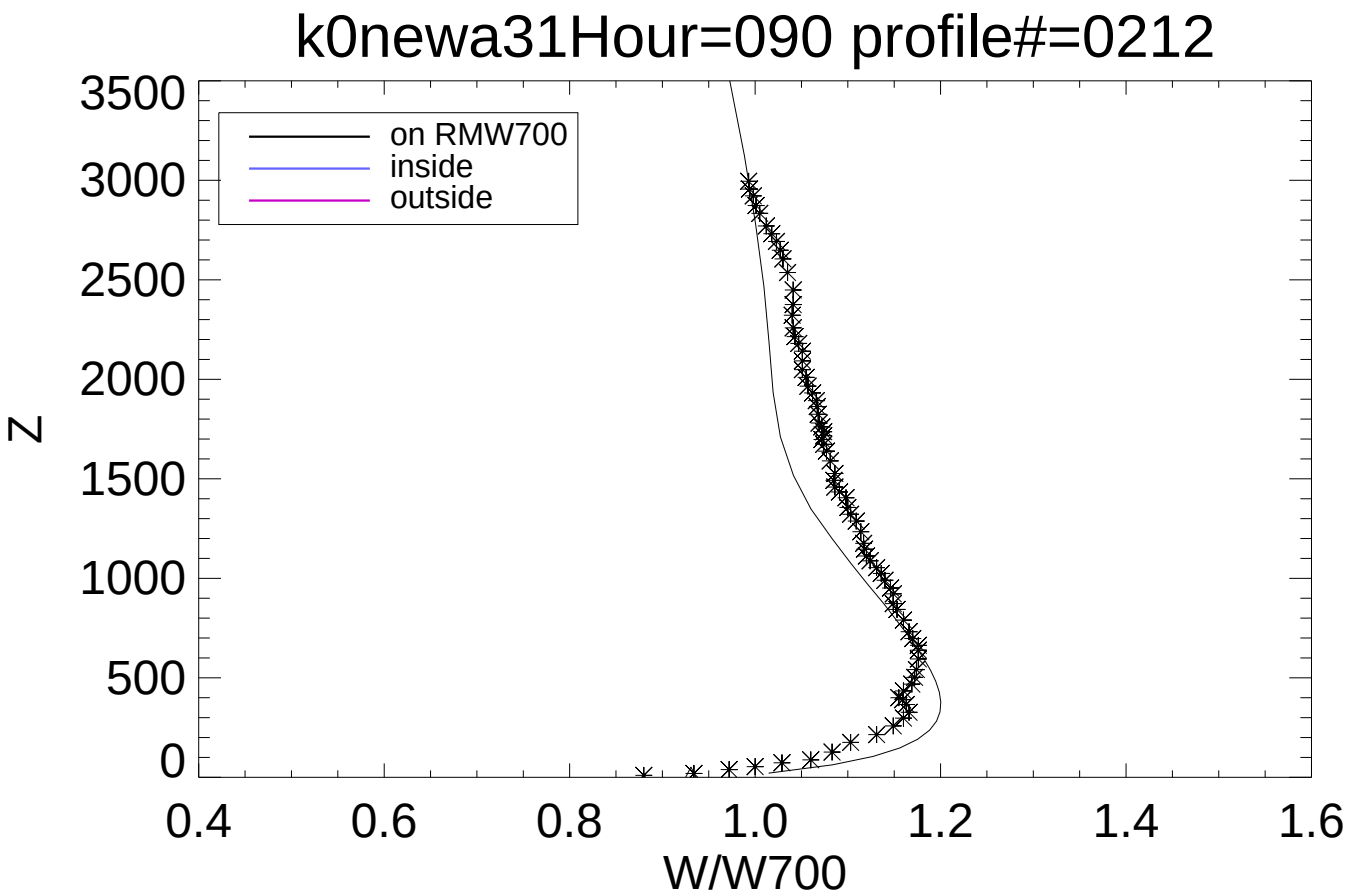

M10
M7
M8
22.2
22.1
22.0
21.9
21.8
21.7
21.6
-74.6
-74.5
-74.4
-74.3
-74.2

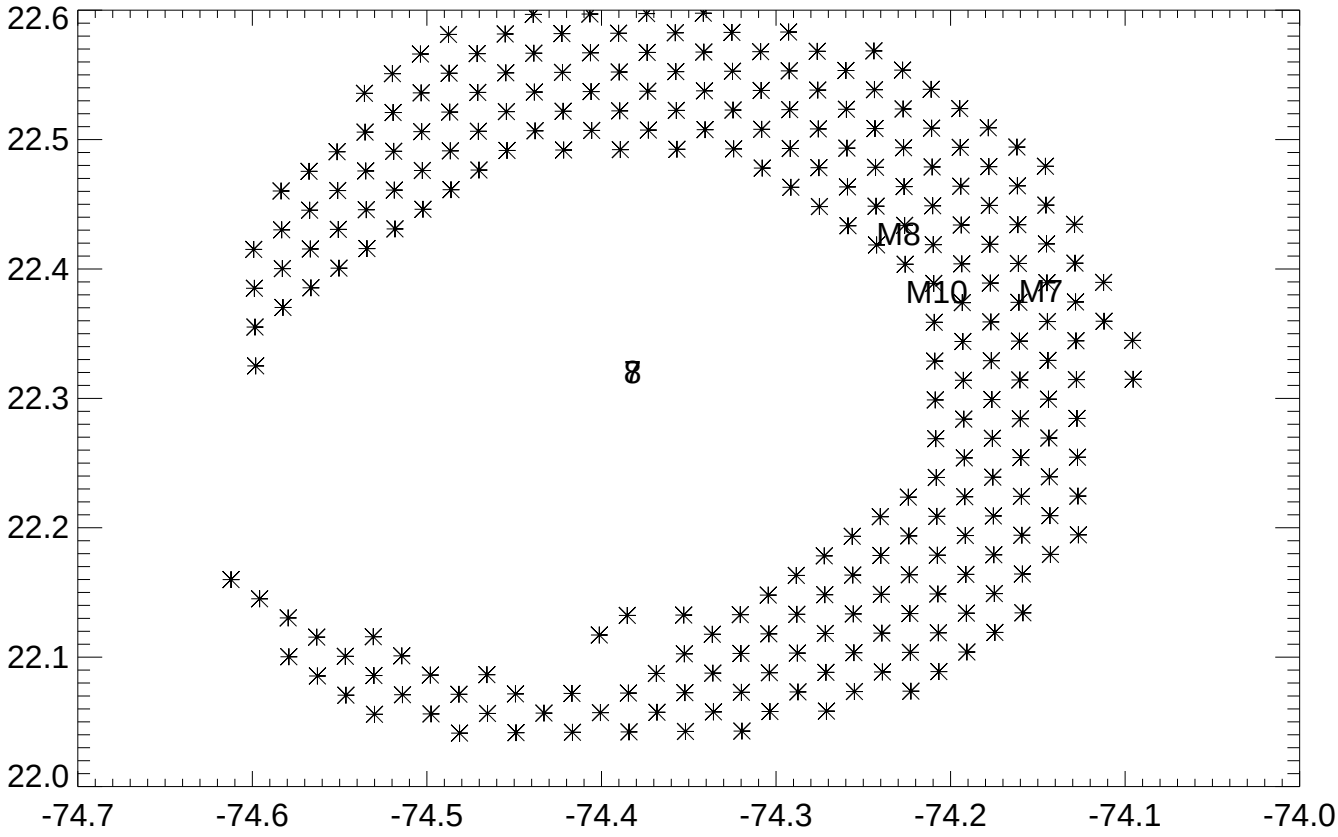

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

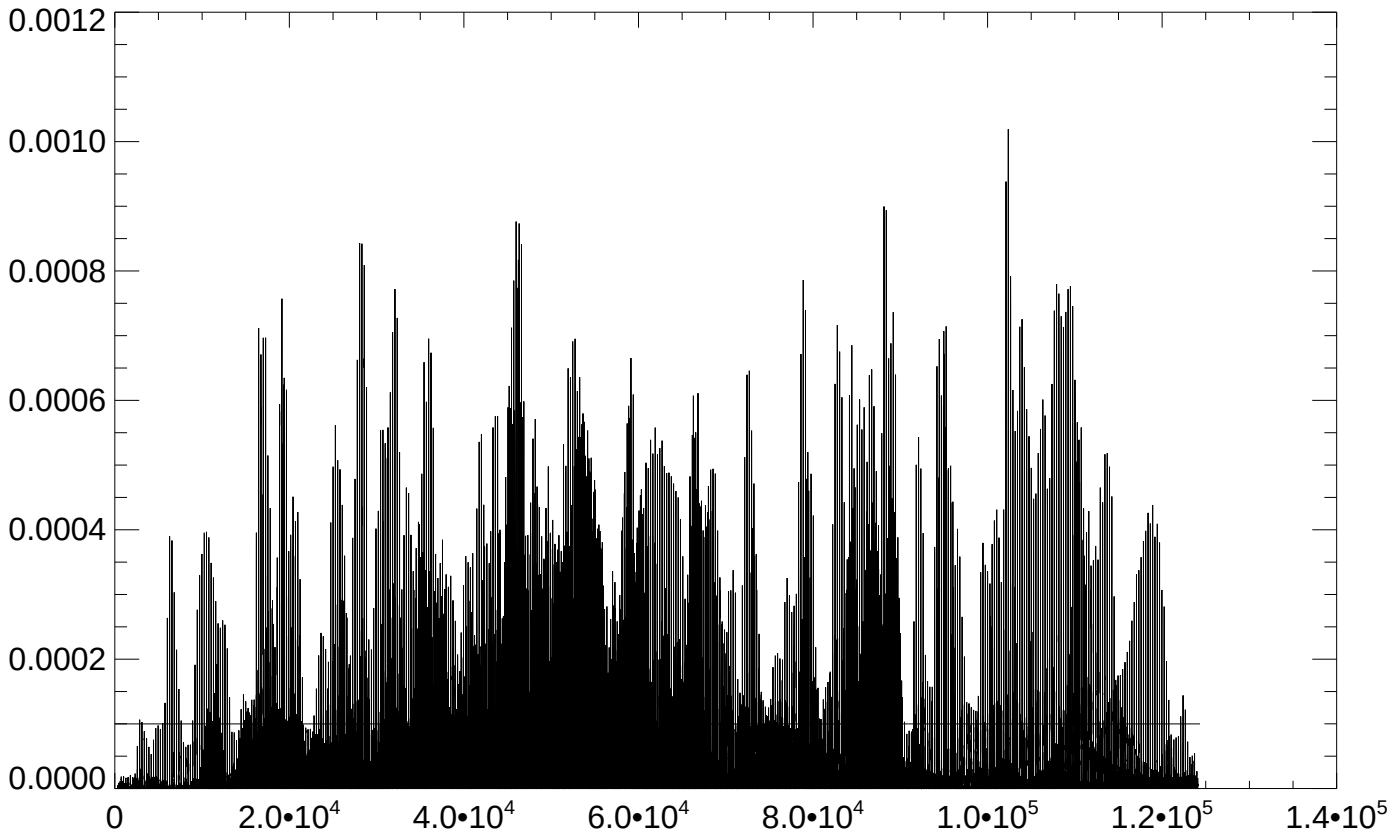

k0newa31Hour=087 profile#=0117
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

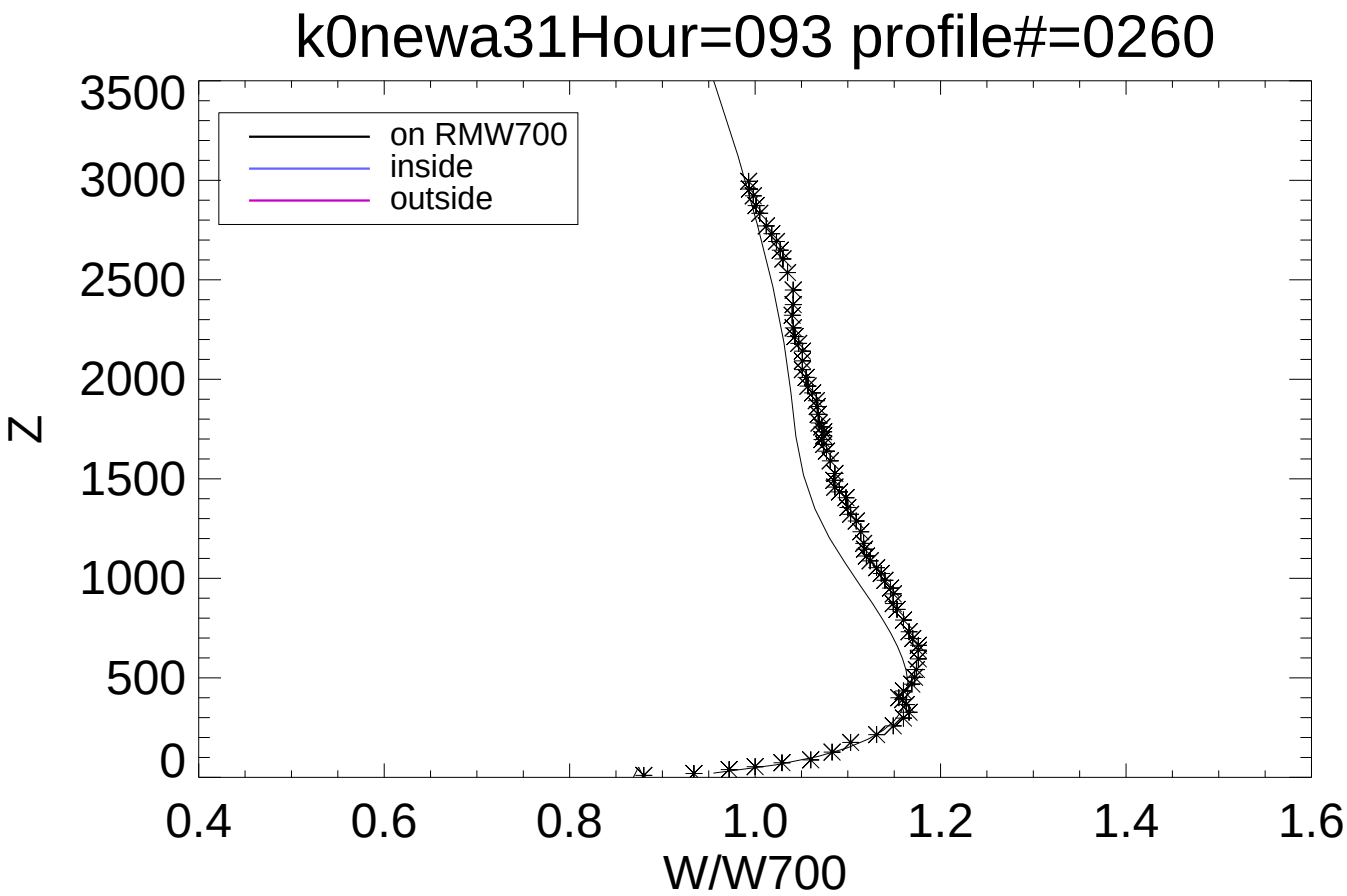

22.4
22.3
22.2
22.1
22.0
21.9
21.8
-74.7
-74.6
-74.5
-74.4
-74.3
-74.2
M8
M10
M7

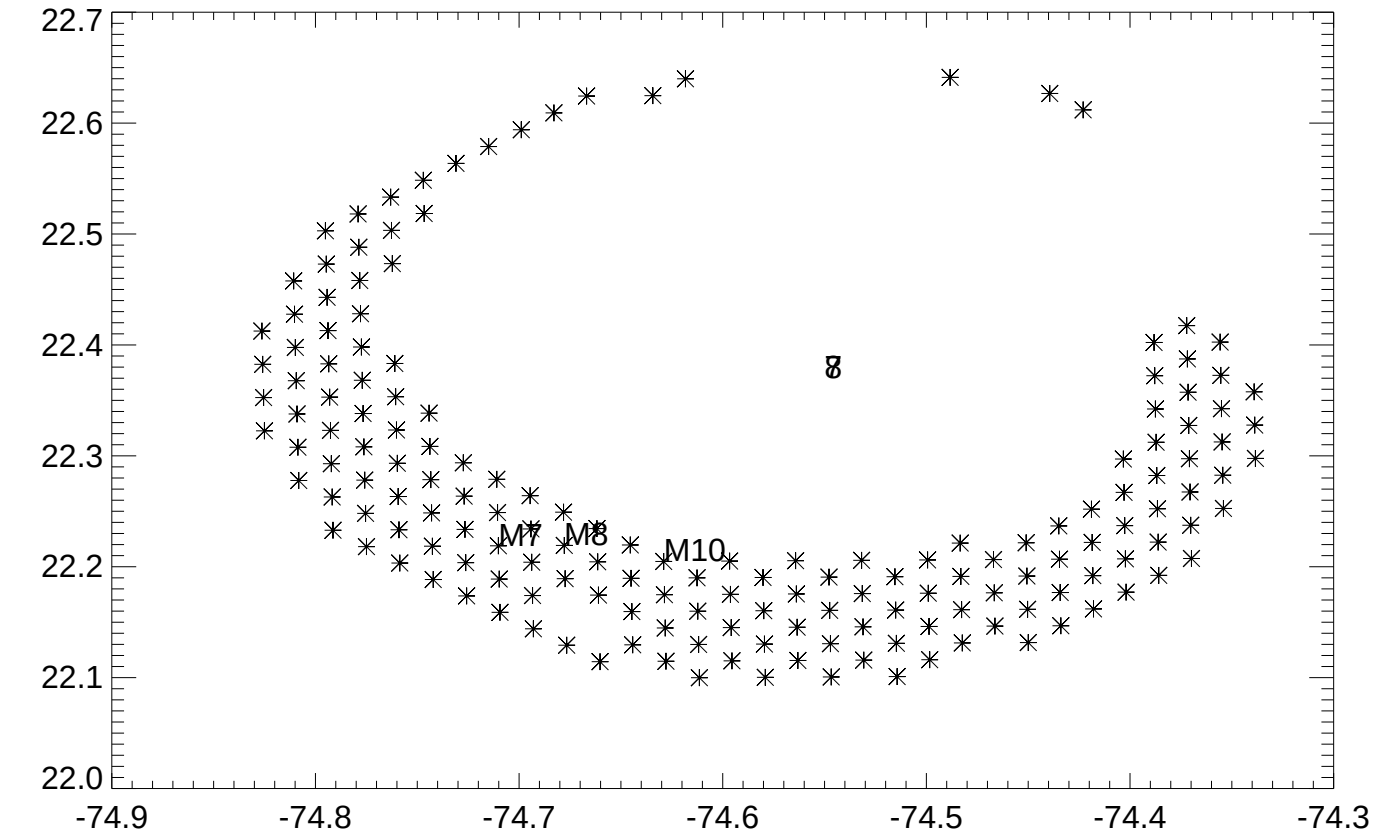

0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

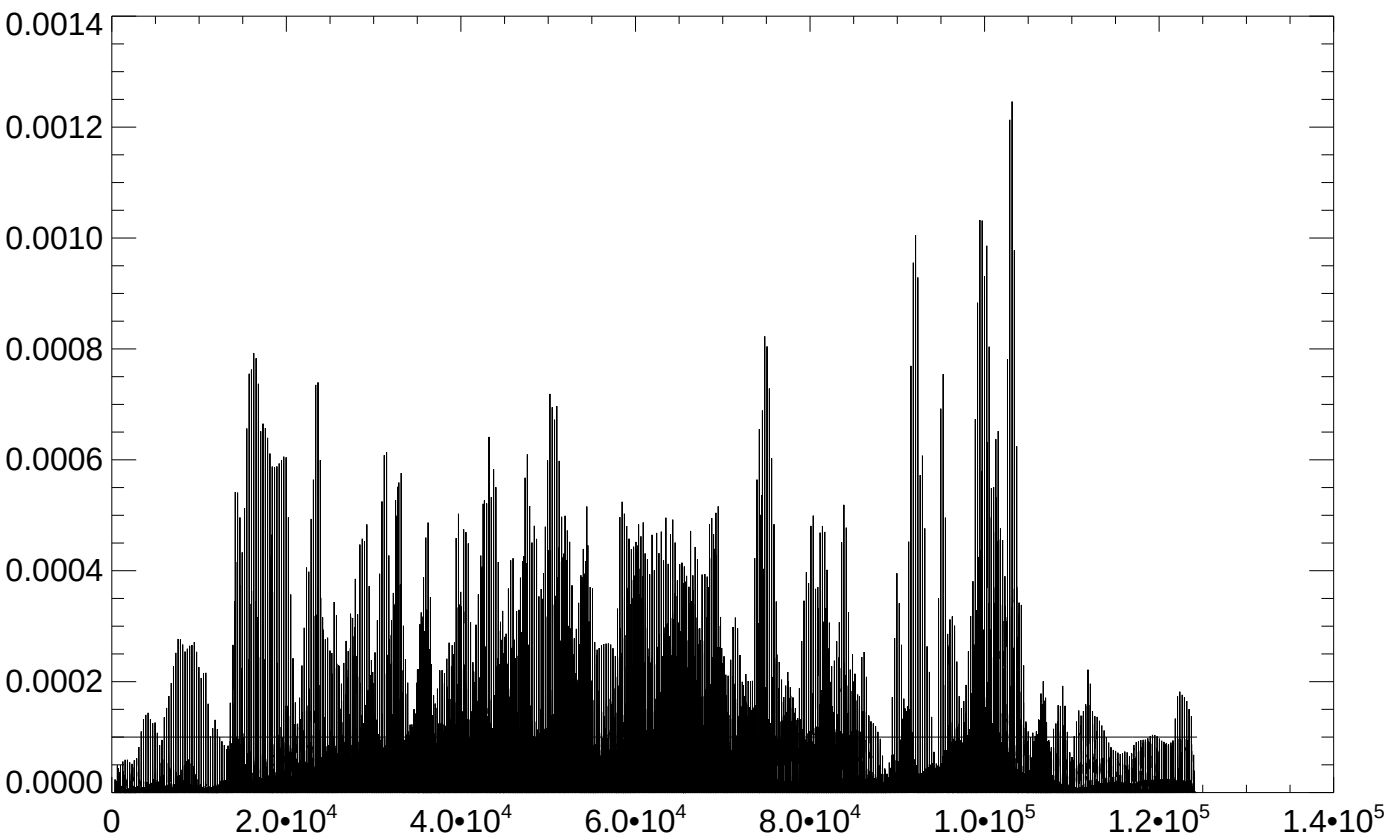

k0newa31Hour=090 profile#=0212
on RMW700
inside
outside
Z
W/W700
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6

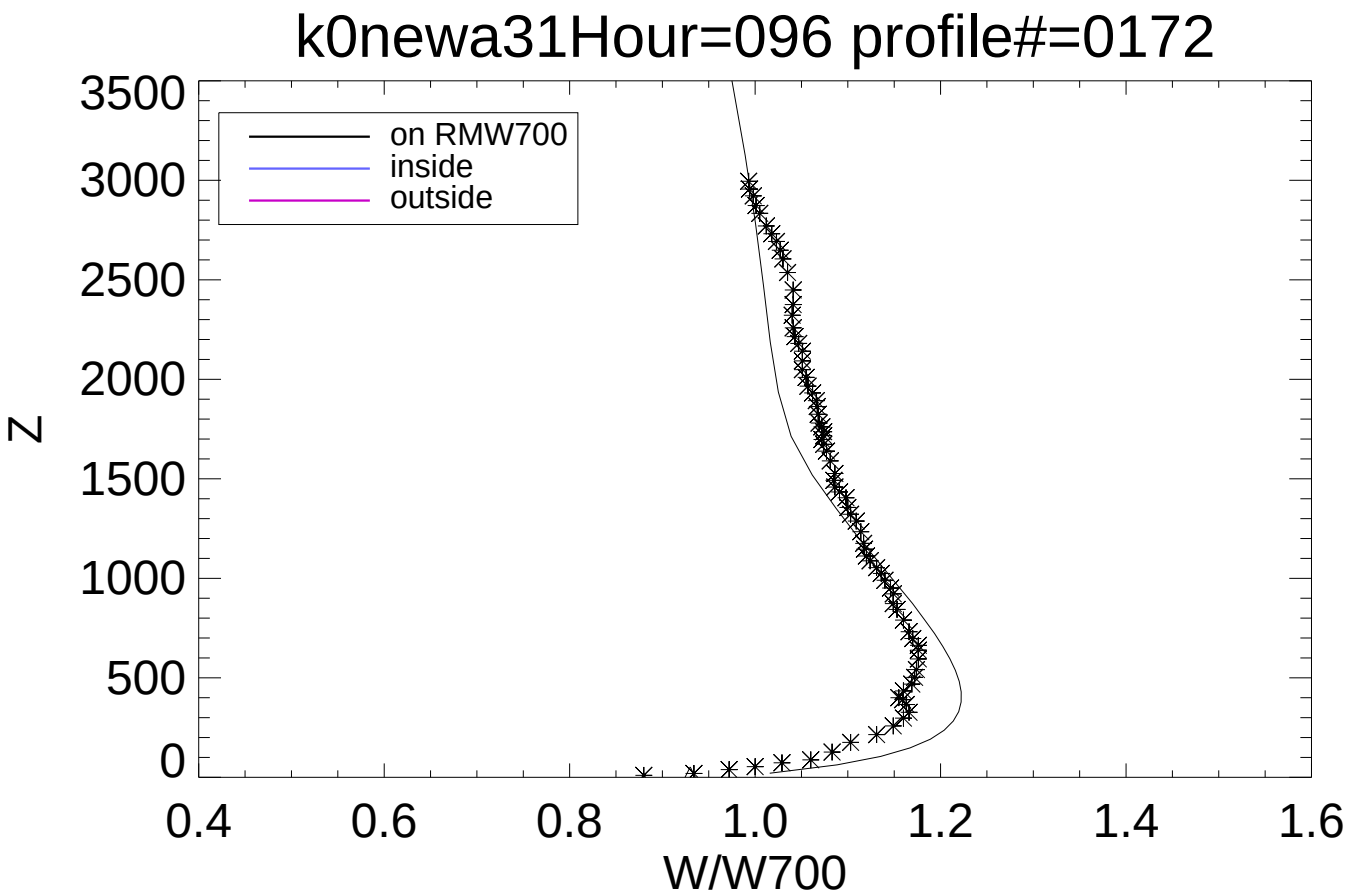

M8
M10
M7
22.6
22.5
22.4
22.3
22.2
22.1
22.0
-74.7
-74.6
-74.5
-74.4
-74.3
-74.2
-74.1
-74.0

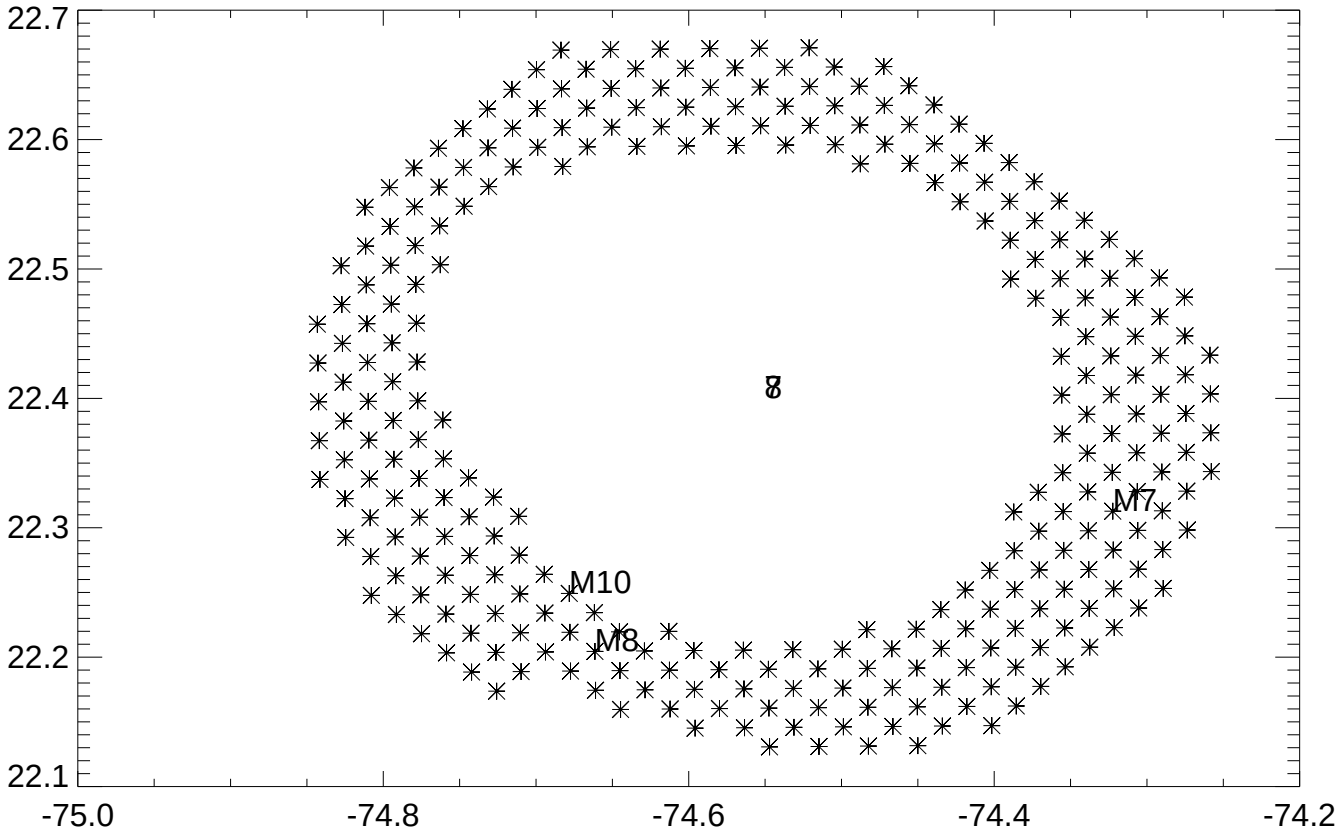

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

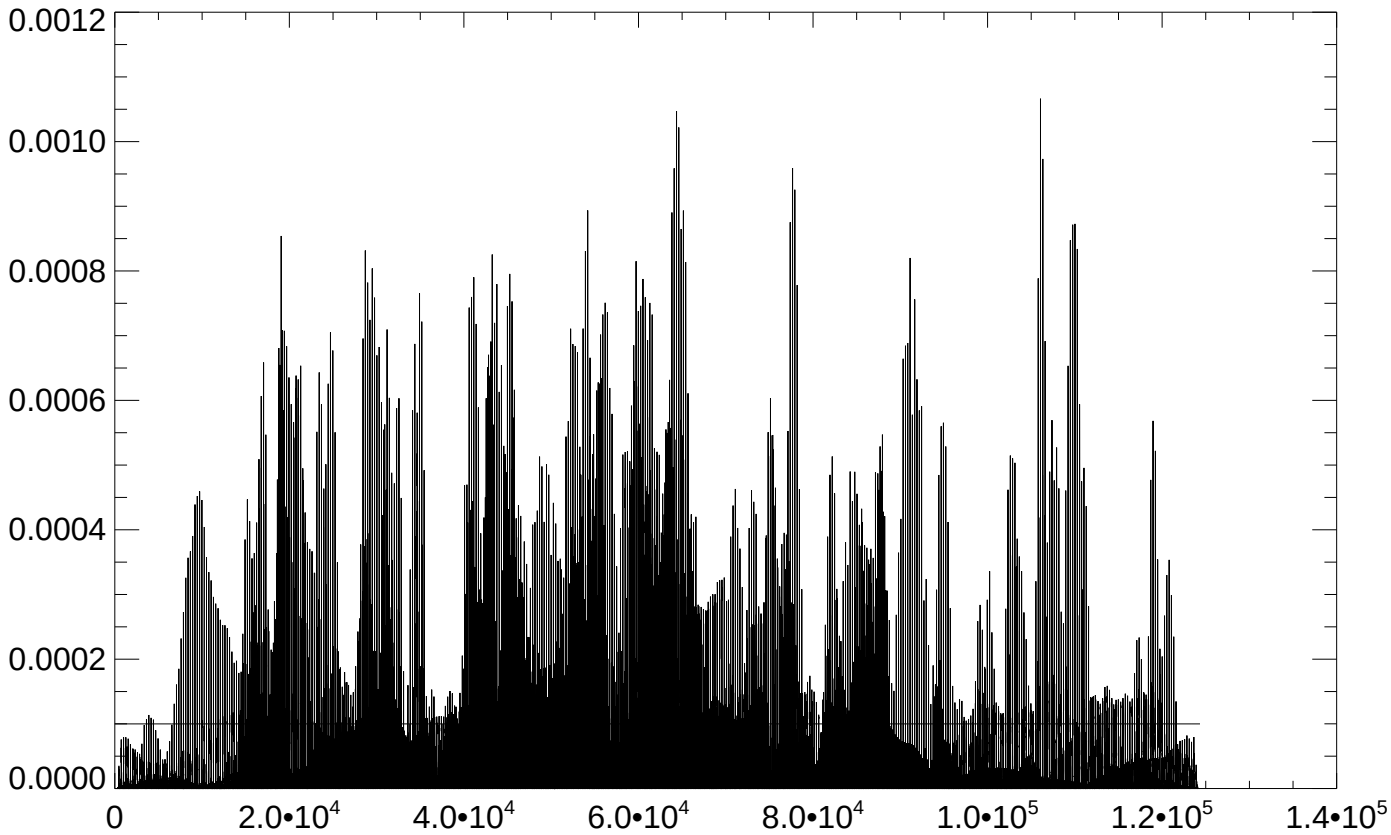

k0newa31Hour=093 profile#=0260
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

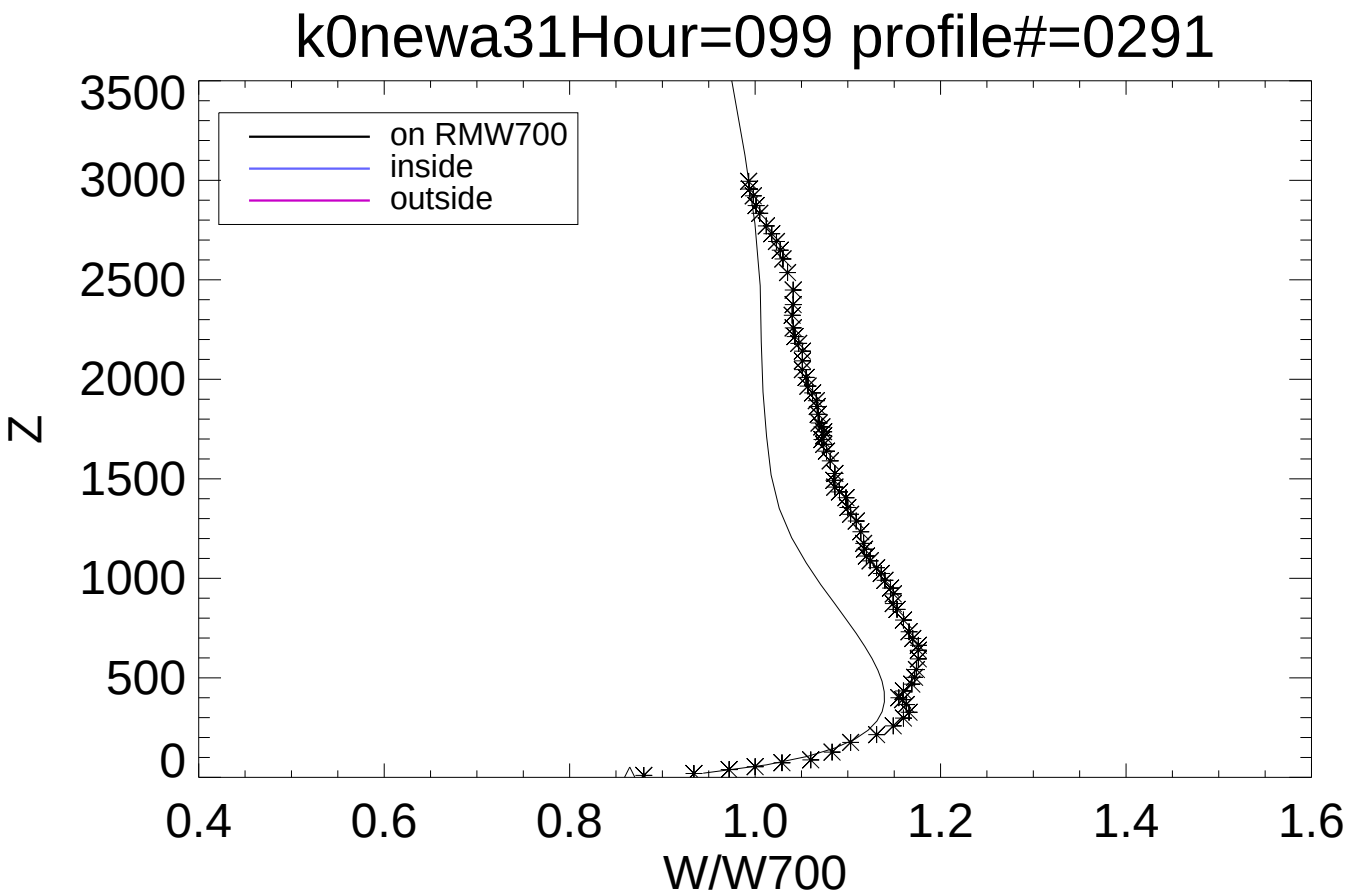

22.7
22.6
22.5
22.4
22.3
22.2
22.1
22.0
-74.9
-74.8
-74.7
-74.6
-74.5
-74.4
-74.3
M7
M8
M10

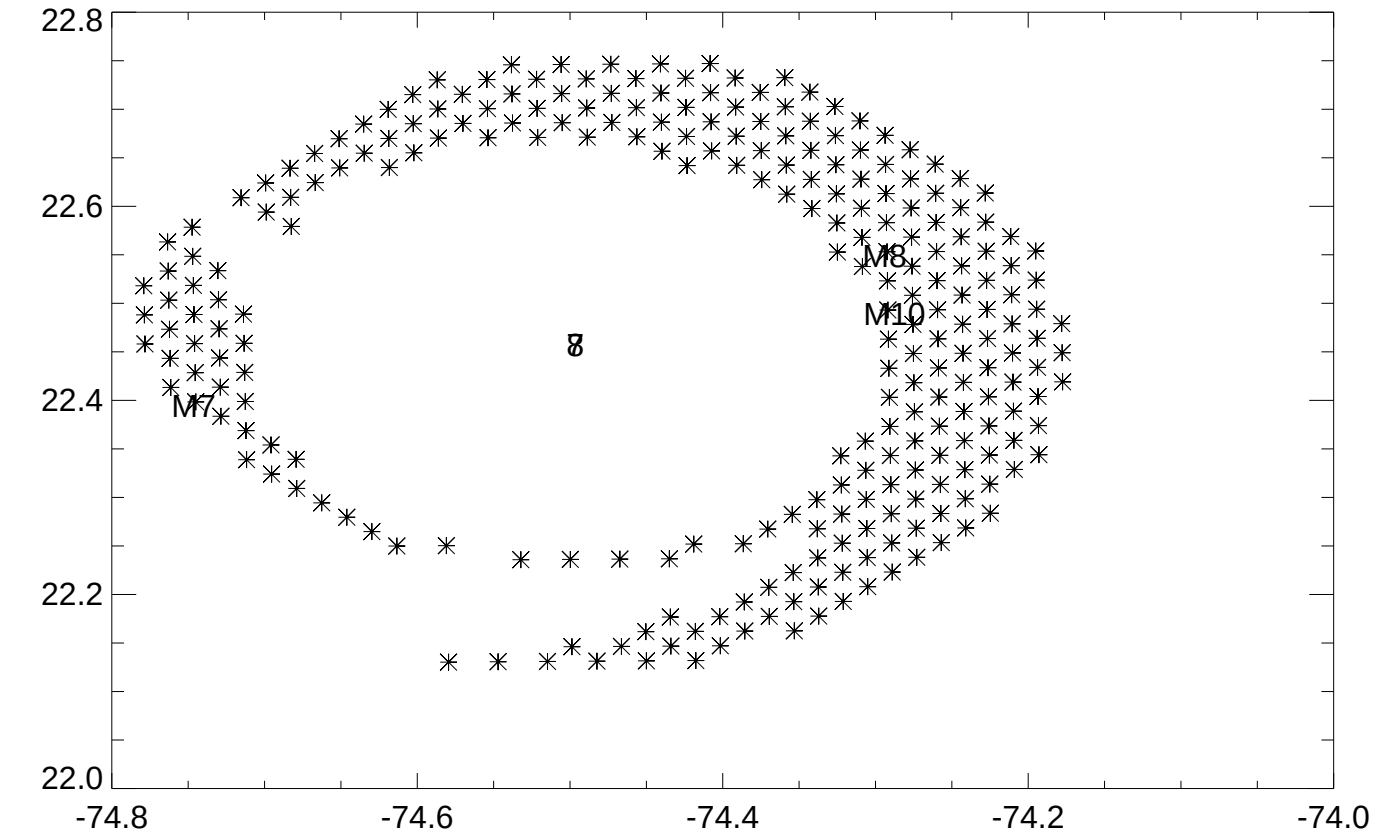

0.0014
0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

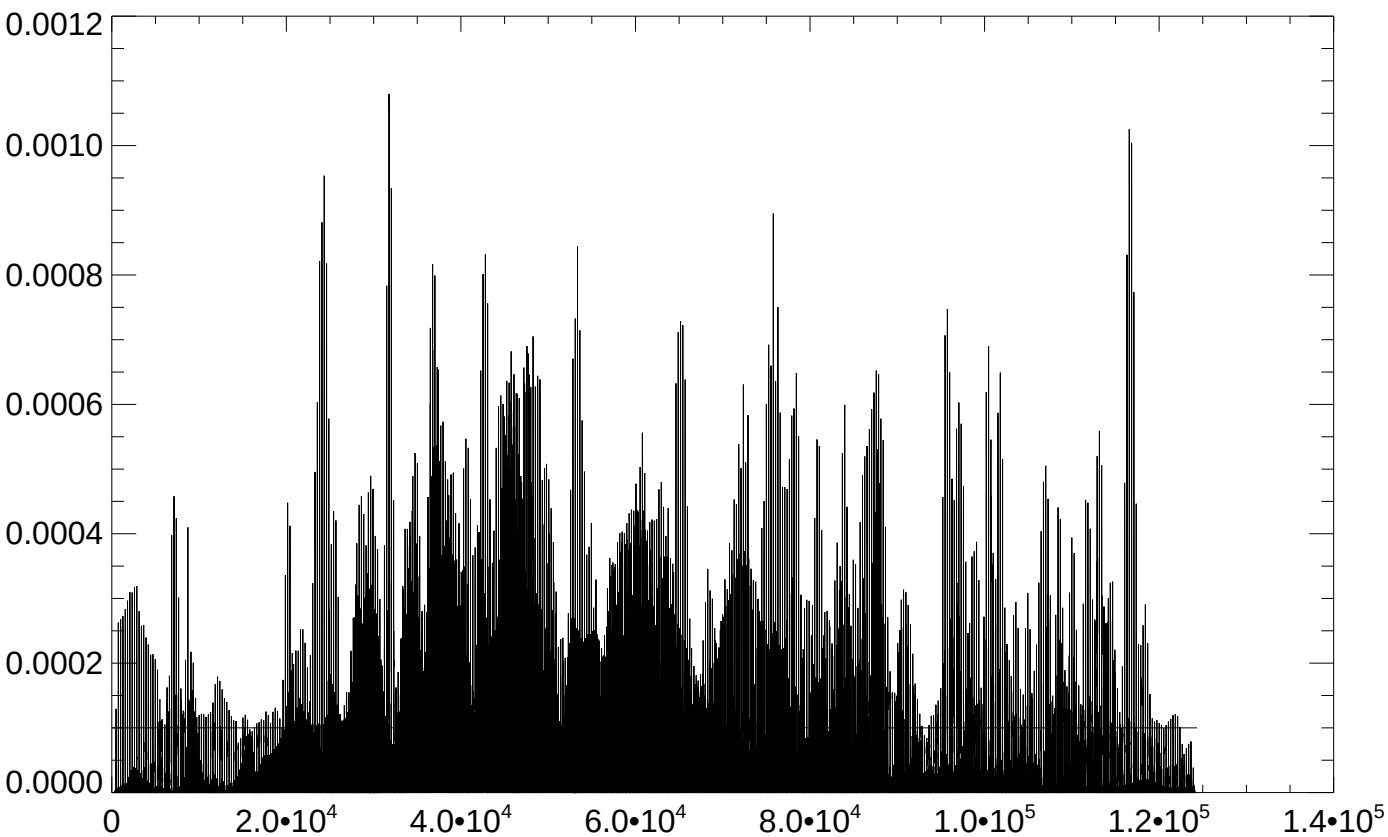

k0newa31Hour=096 profile#=0172
on RMW700
inside
outside
Z
W/W700
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6

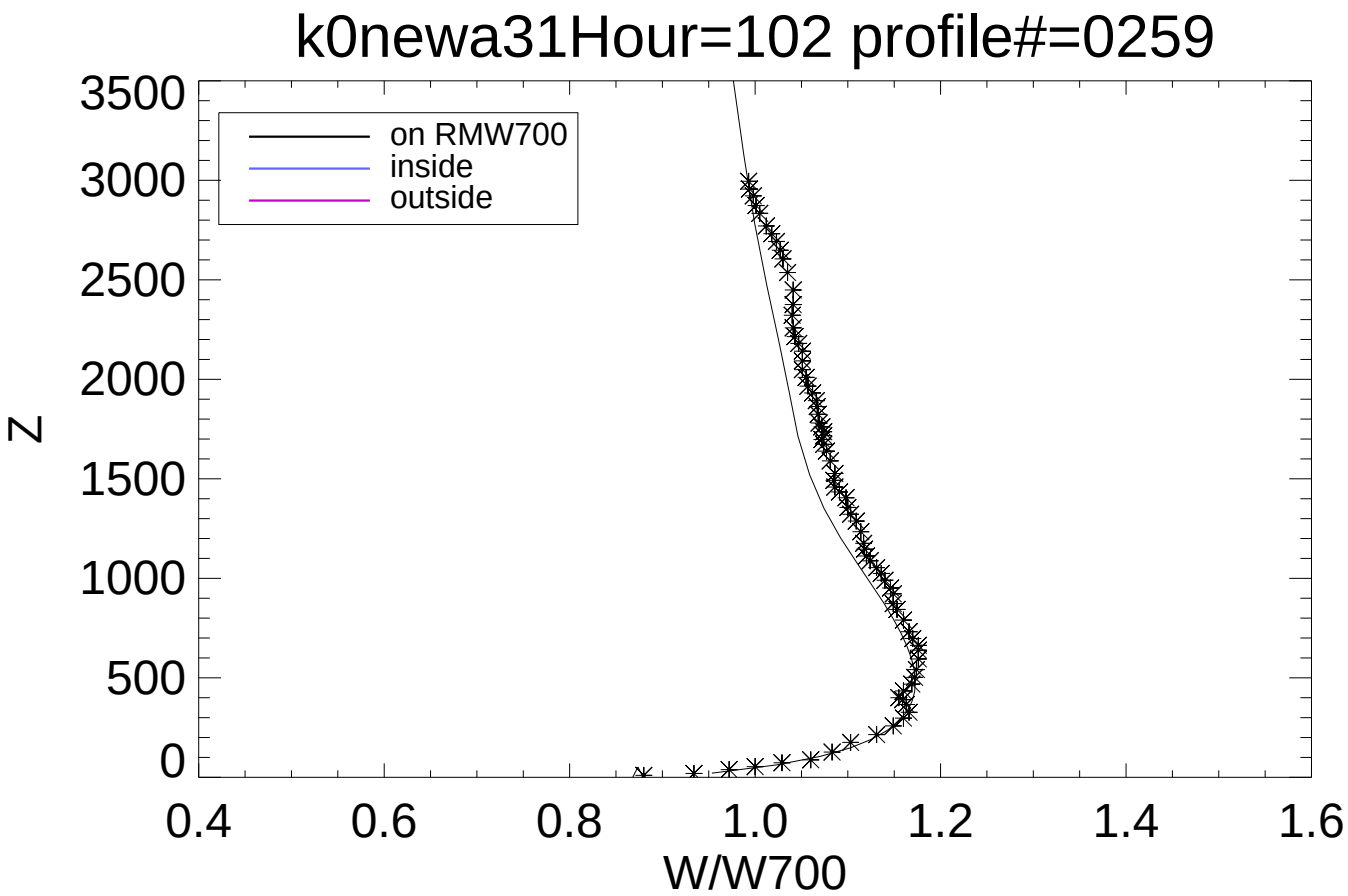

M7
M10
M8
22.7
22.6
22.5
22.4
22.3
22.2
22.1
-75.0
-74.8
-74.6
-74.4
-74.2

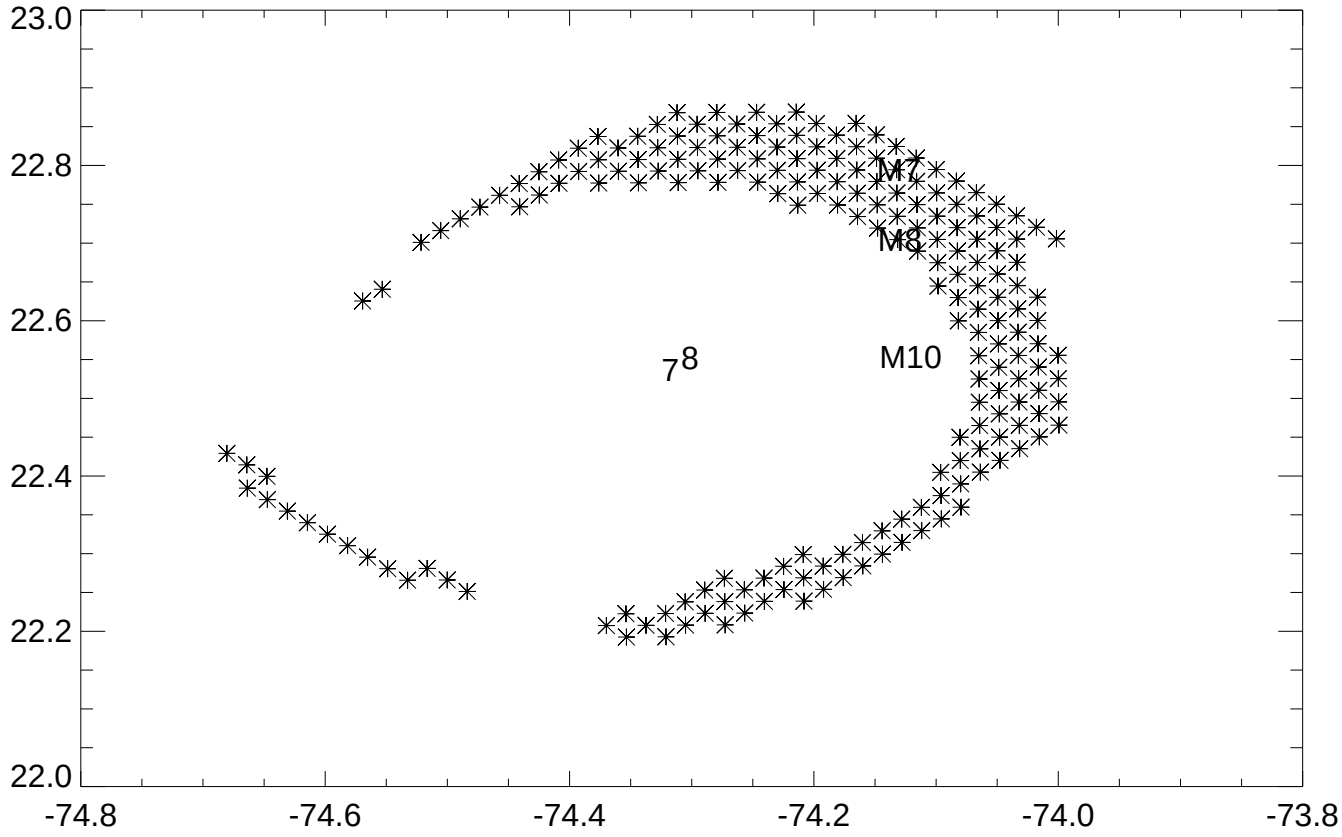

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

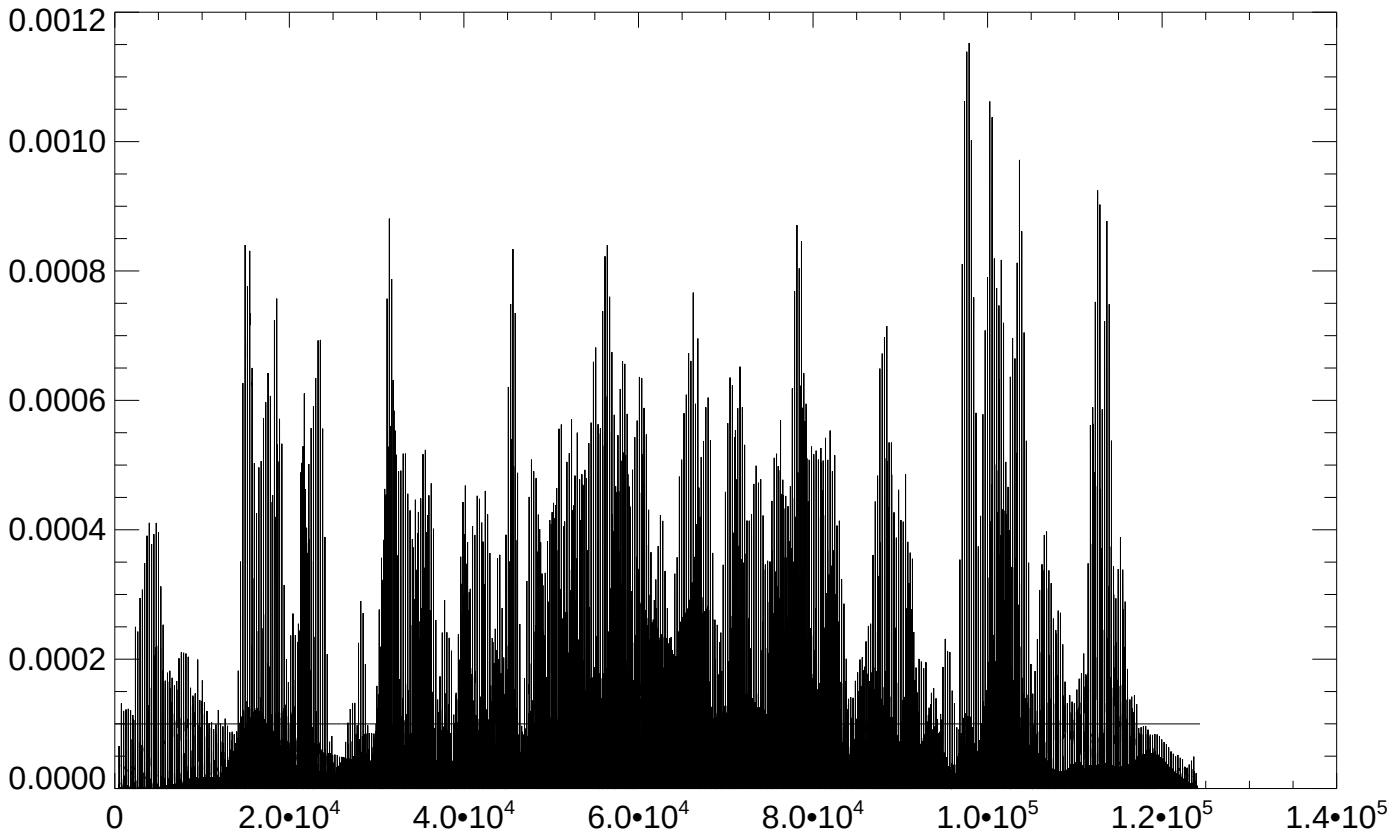

k0newa31Hour=099 profile#=0291
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

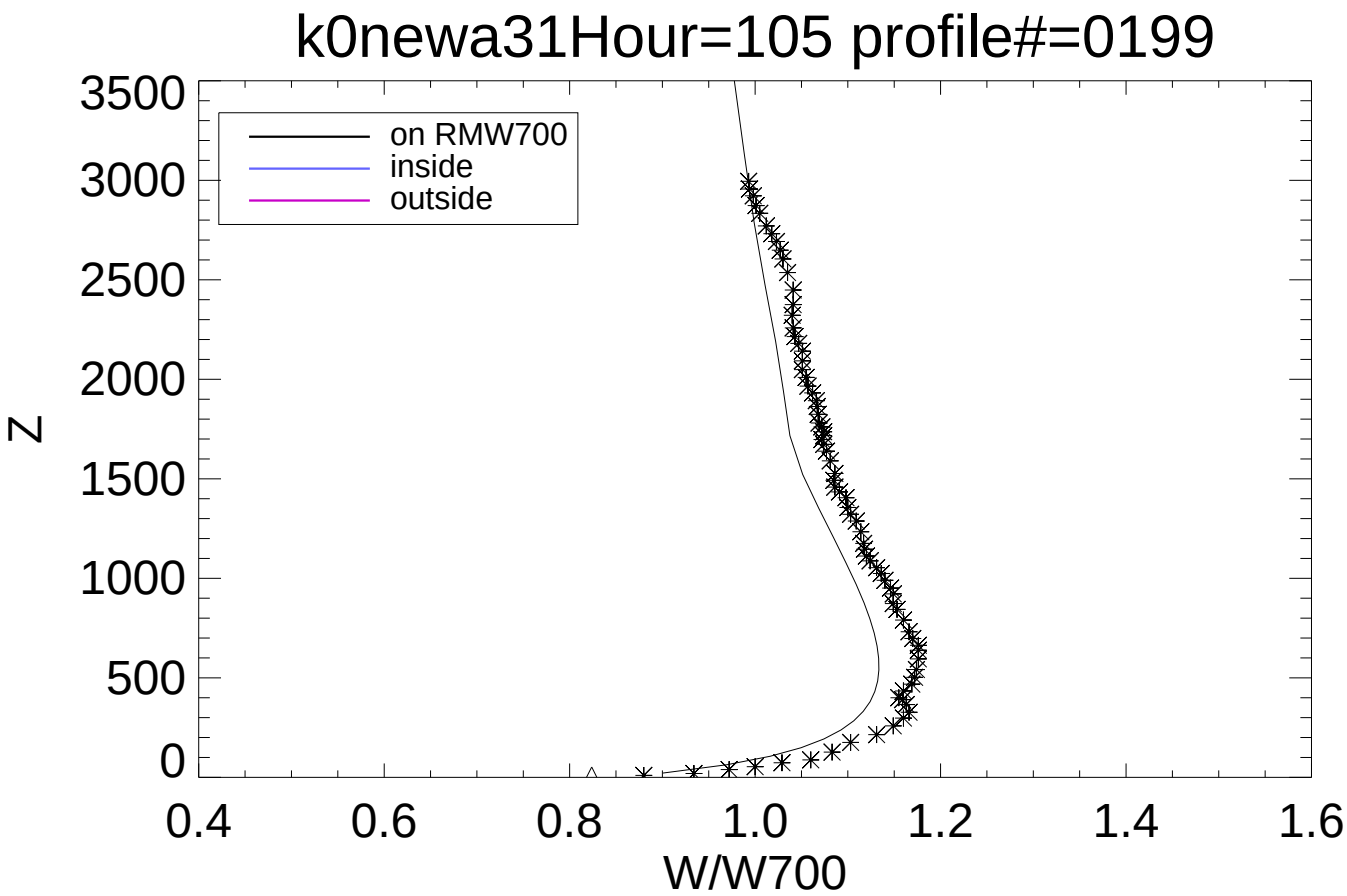

22.8
22.6
22.4
22.2
22.0
-74.8
-74.6
-74.4
-74.2
-74.0
M7
M8
M10

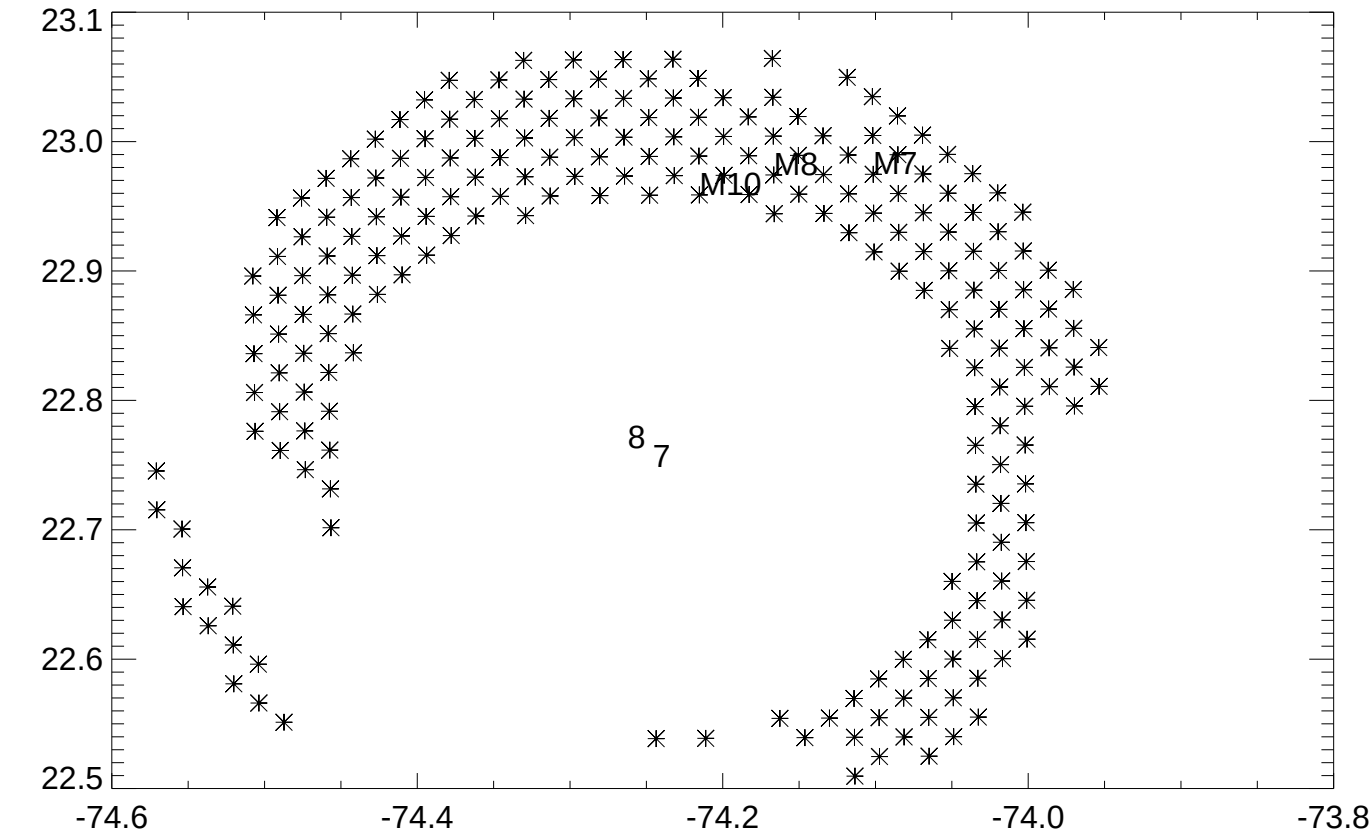

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

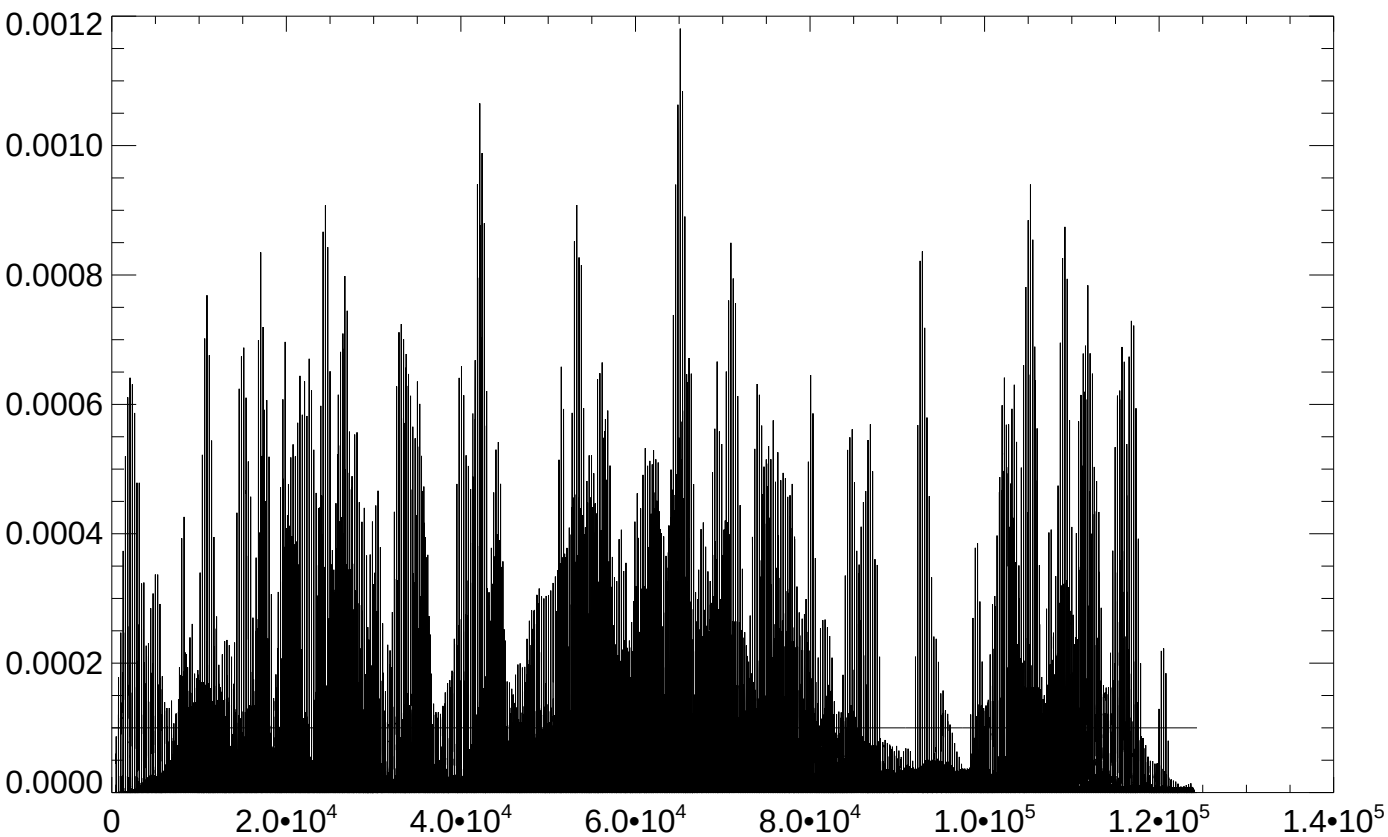

k0newa31Hour=102 profile#=0259
on RMW700
inside
outside
Z
W/W700
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6

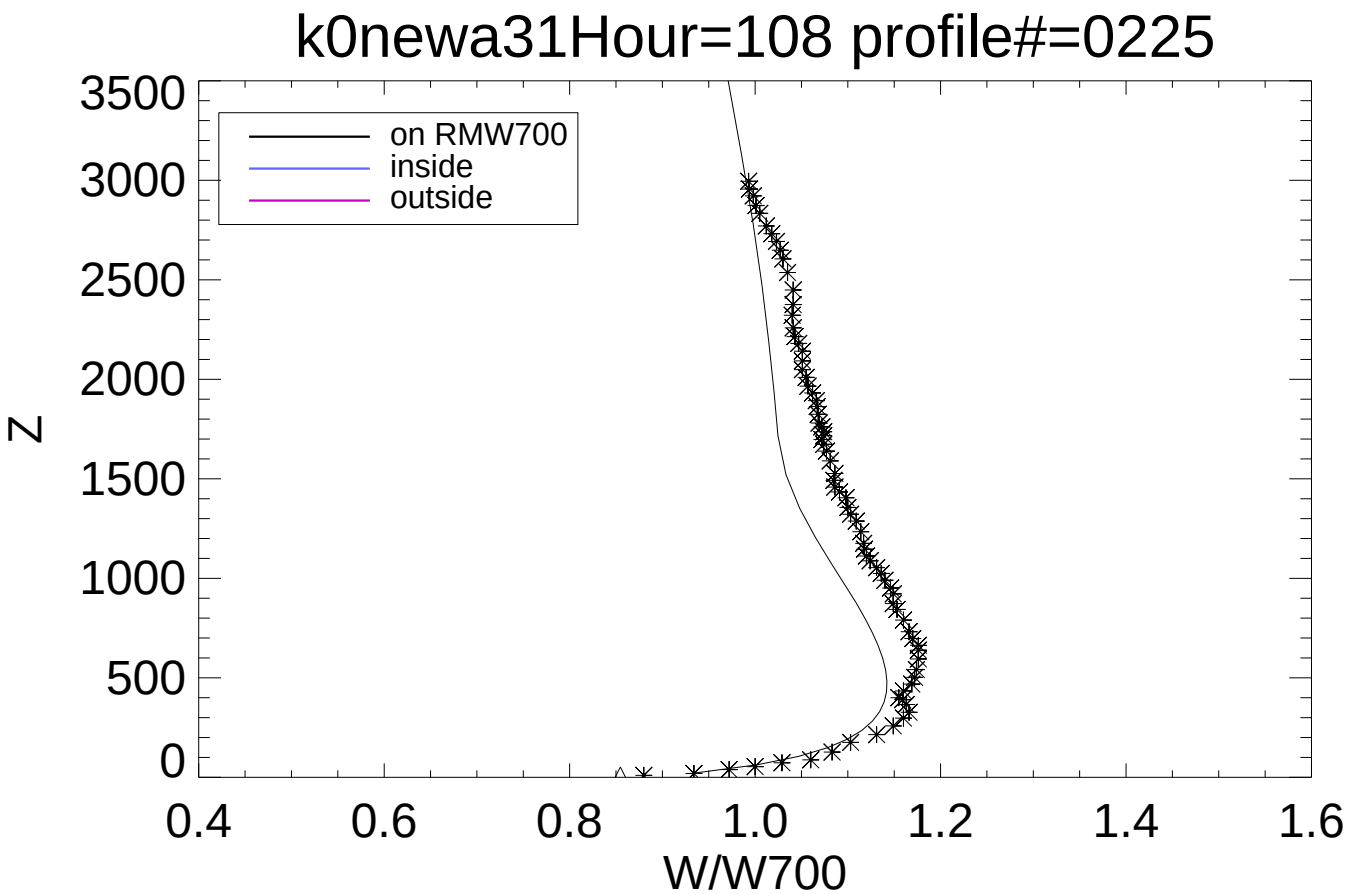

23.0
22.8
22.6
22.4
22.2
22.0
-74.8
-74.6
-74.4
-74.2
-74.0
-73.8
M7
M8
M10
7
8

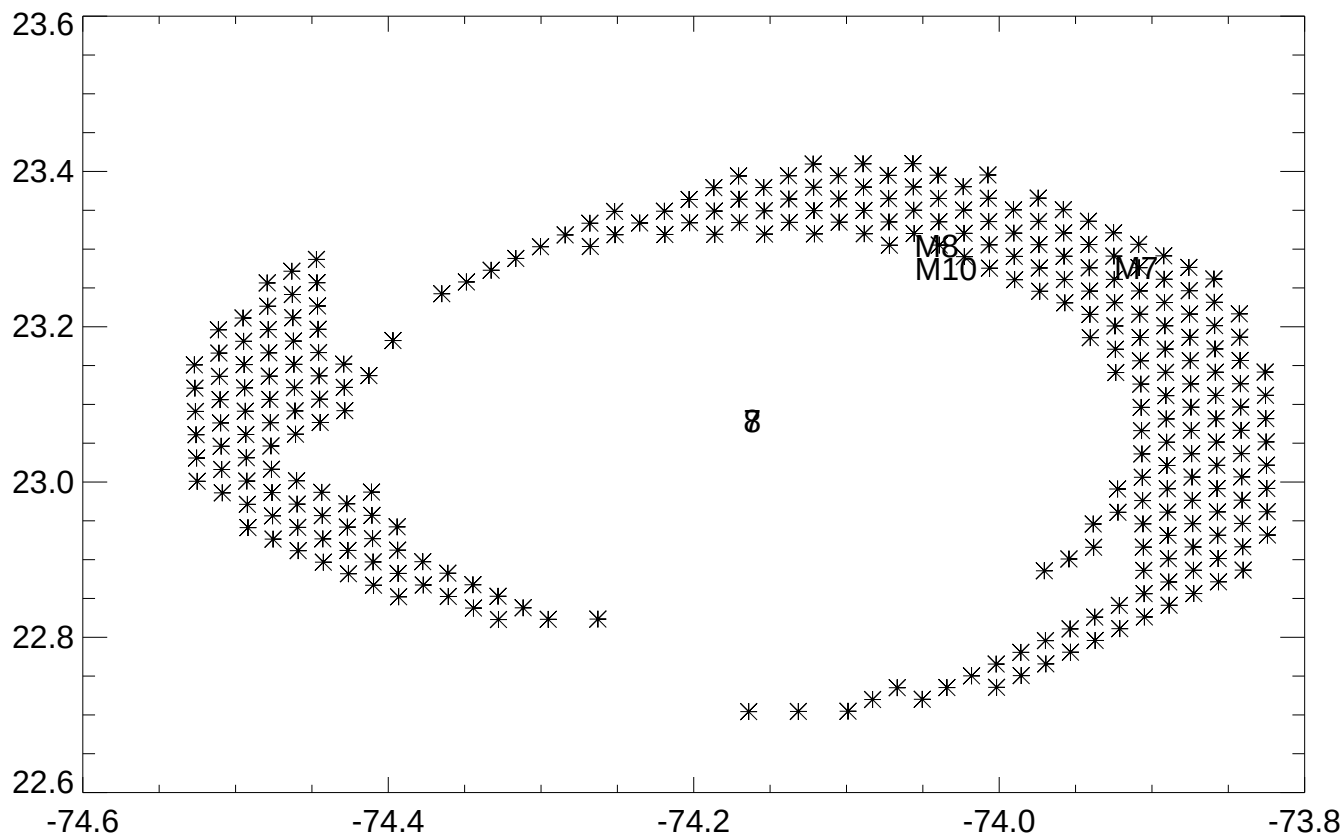

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

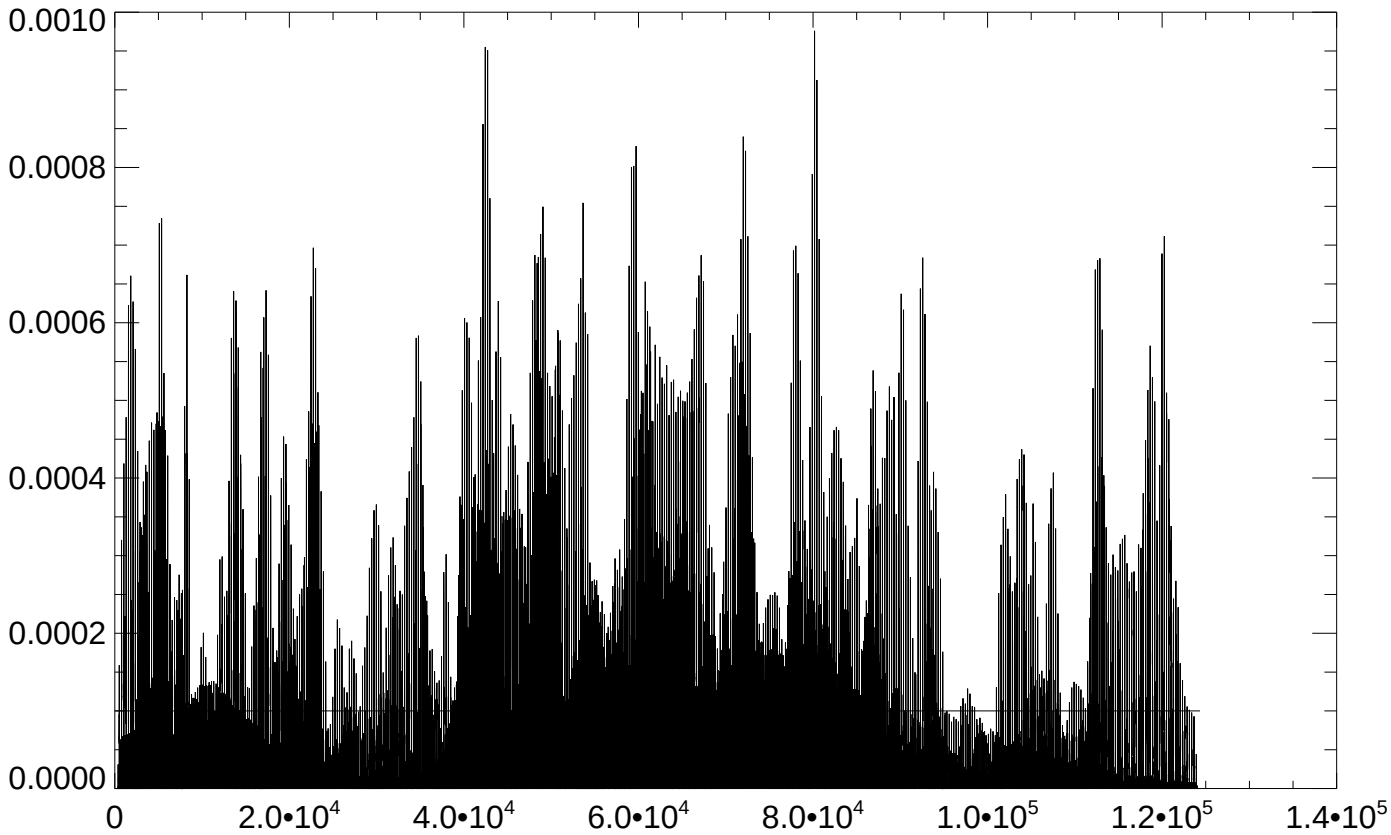

k0newa31Hour=105 profile#=0199
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

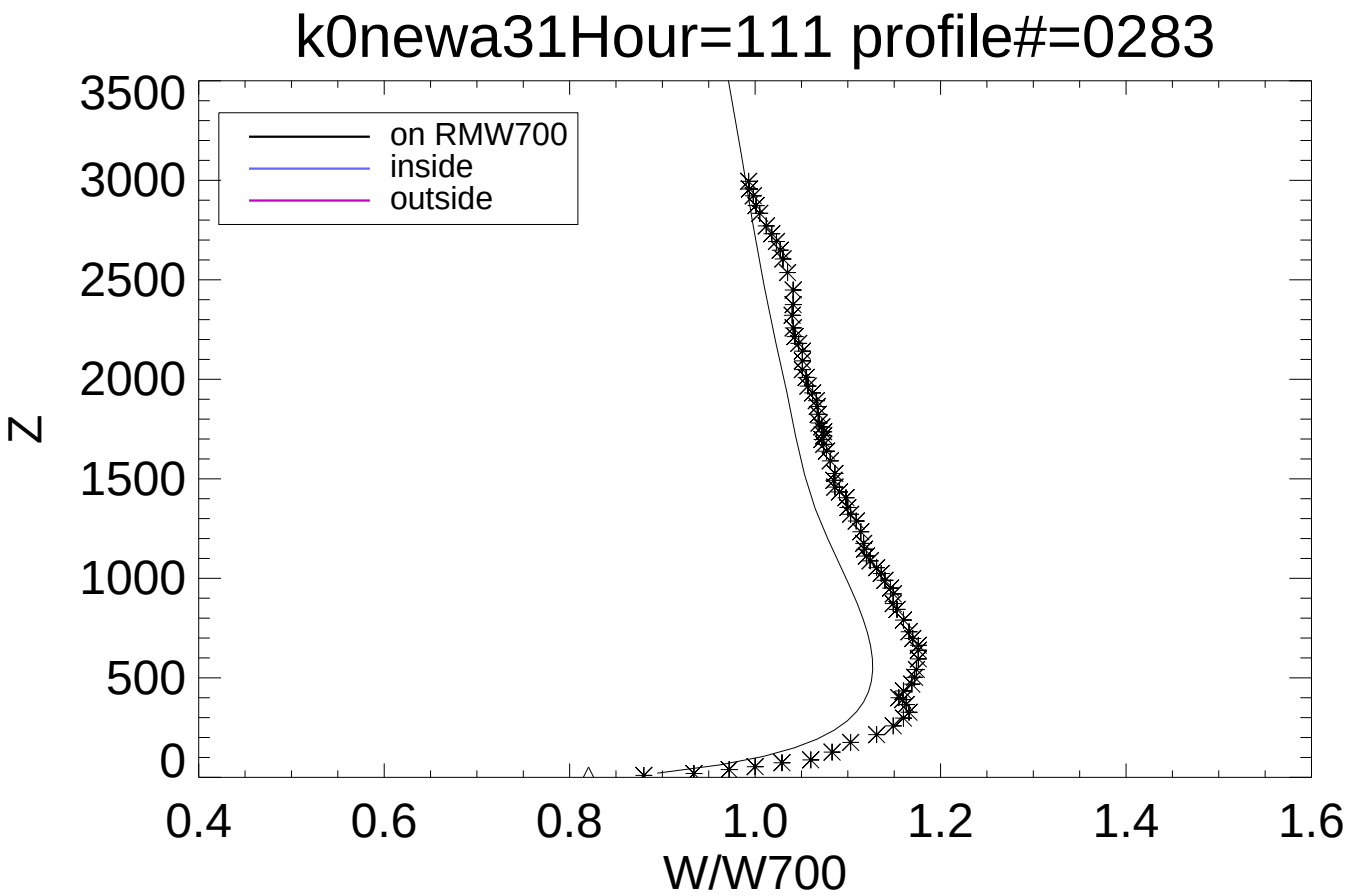

23.1
23.0
22.9
22.8
22.7
22.6
22.5
-74.6
-74.4
-74.2
-74.0
-73.8
M10
M8
M7
8
7

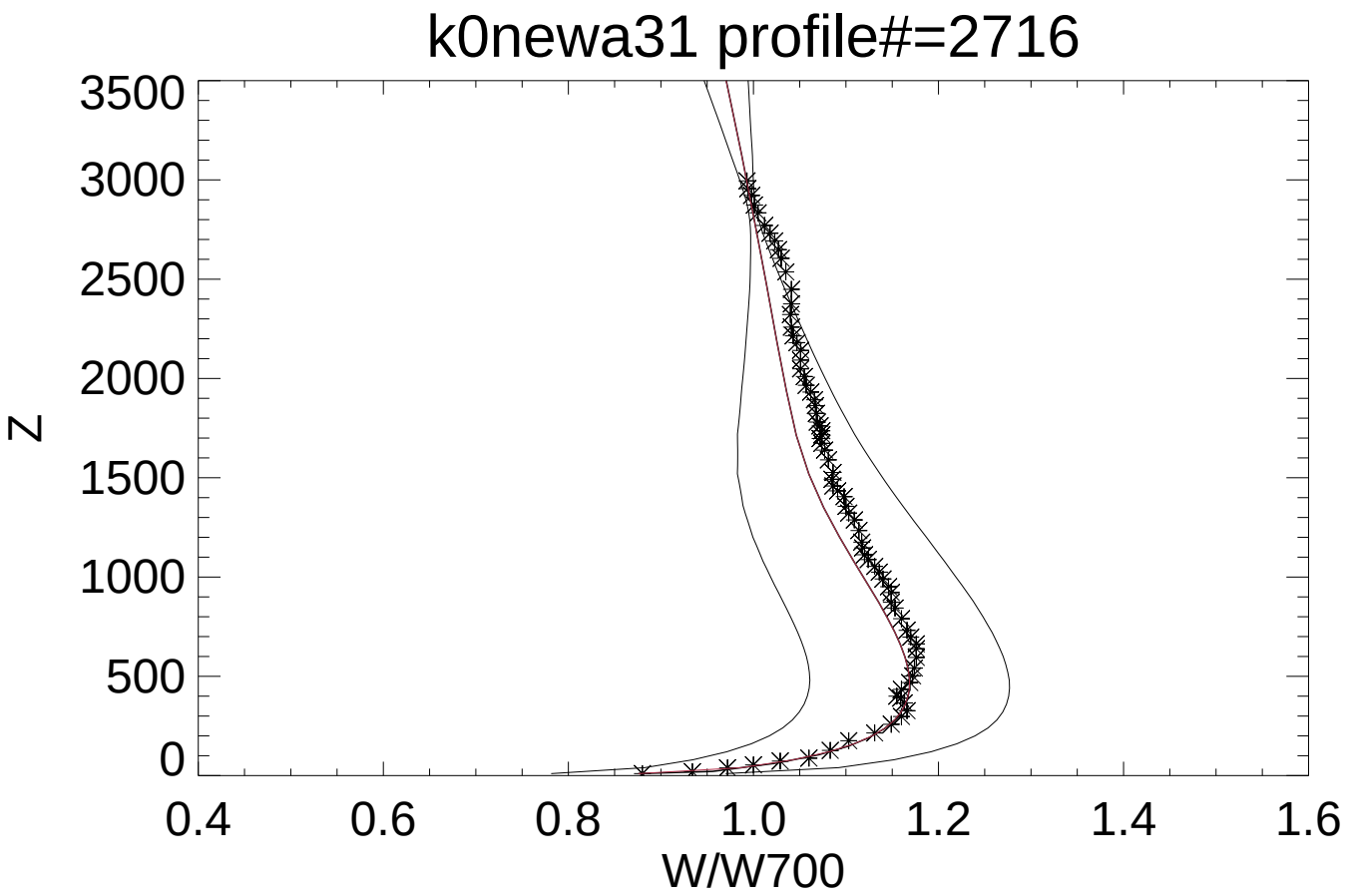

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

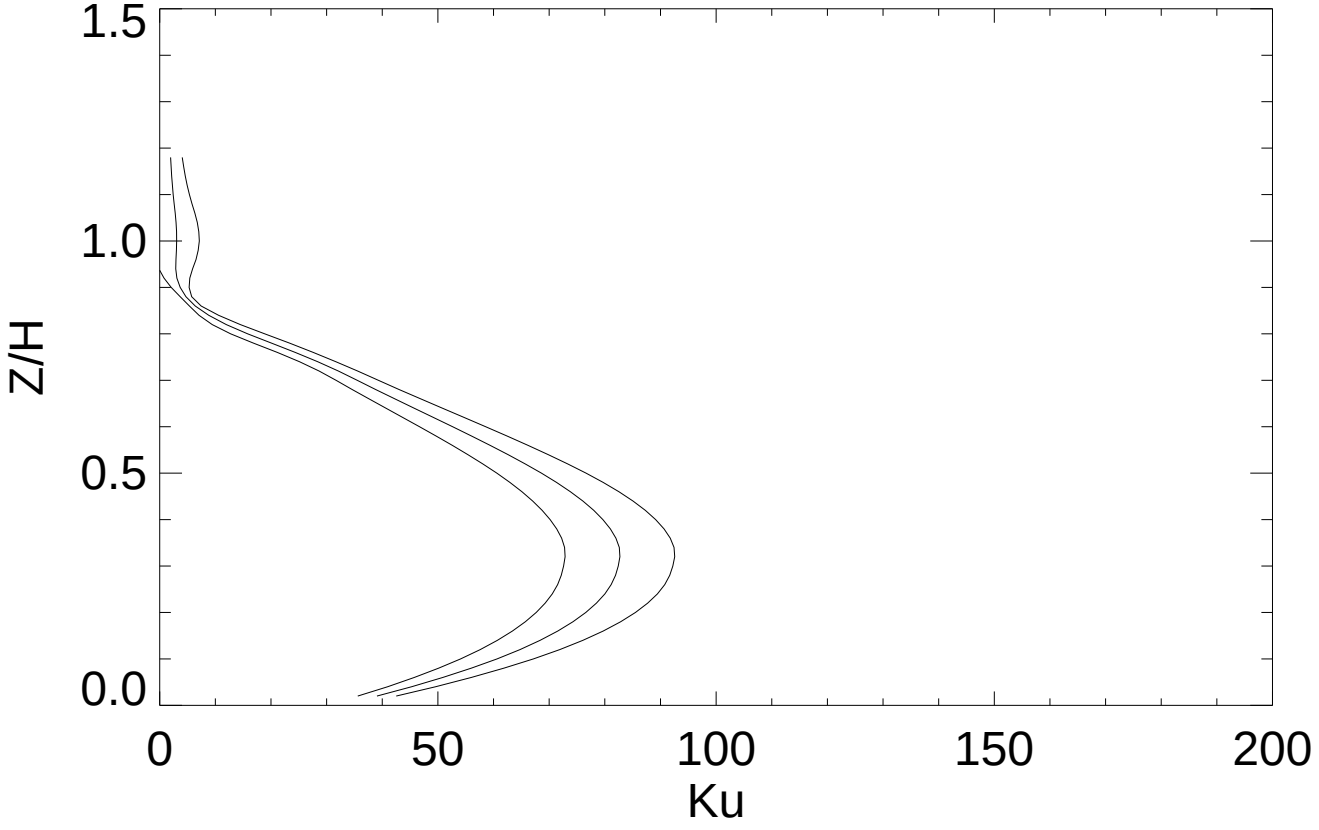

k0newa31Hour=108 profile#=0225
on RMW700
inside
outside
Z
W/W700
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6

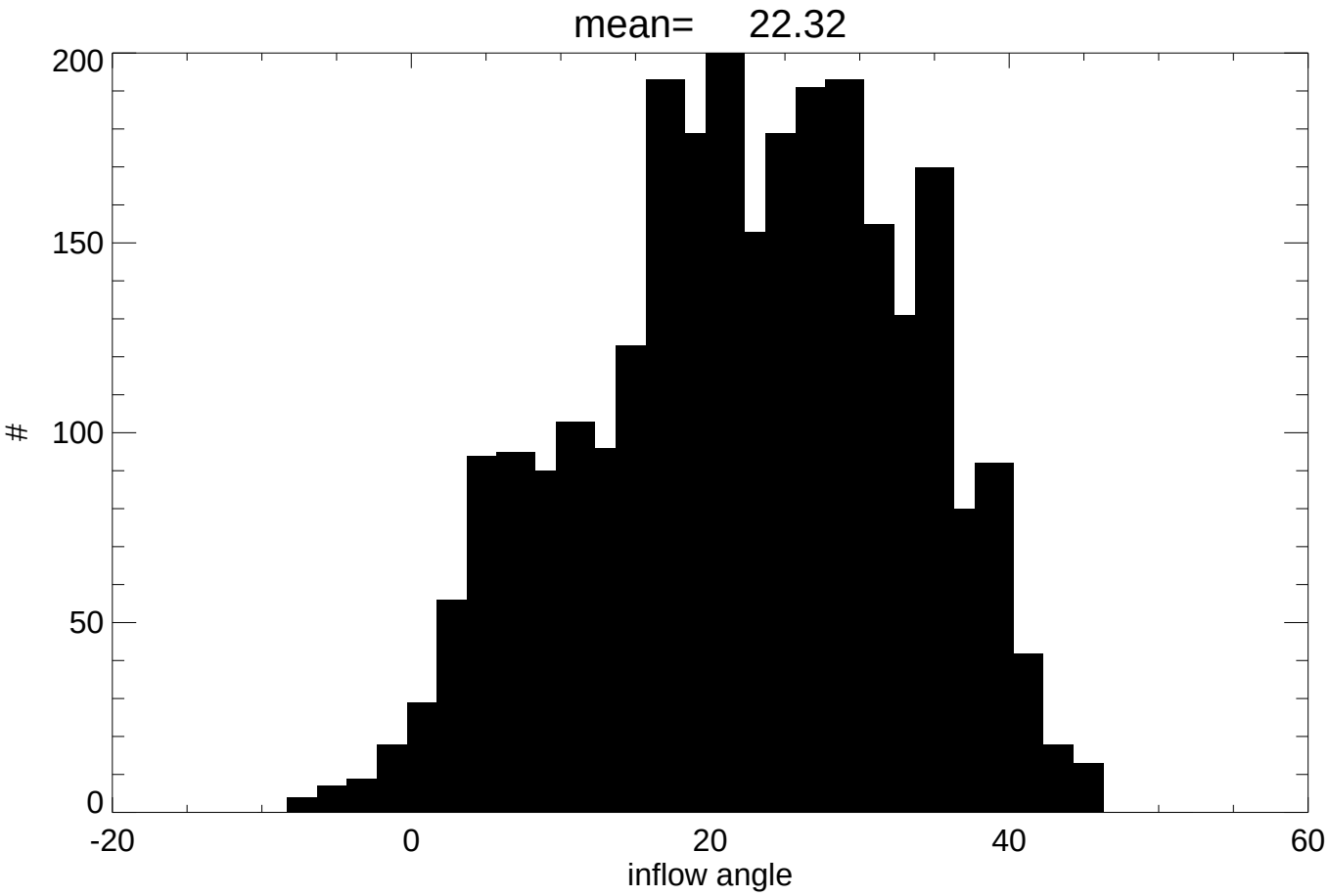

M8
M10
M7
23.6
23.4
23.2
23.0
22.8
22.6
-74.6
-74.4
-74.2
-74.0
-73.8

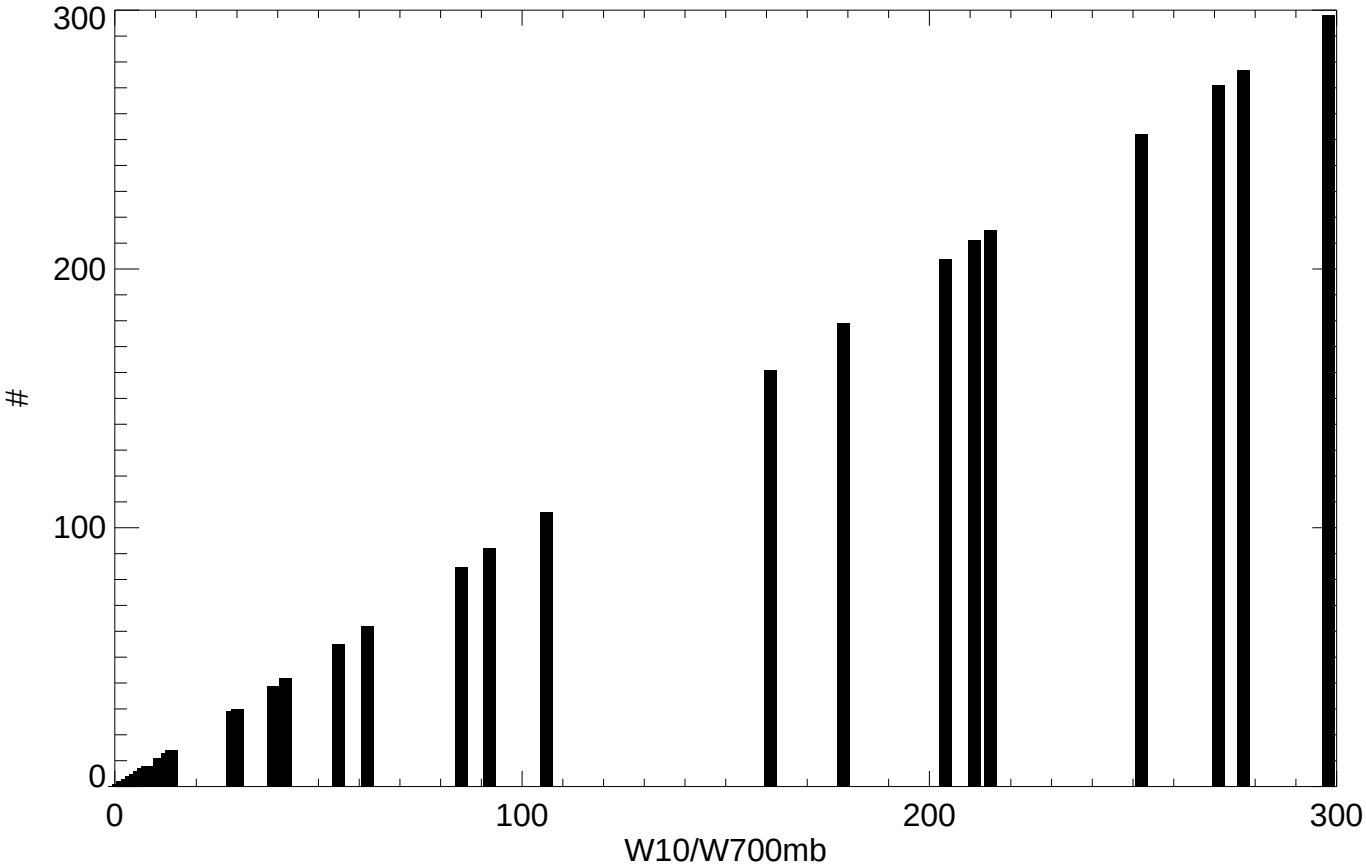

0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5


k0newa31Hour=111 profile#=0283
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700


k0newa31 profile#=2716
3500
3000
2500
2000
1500
1000
500
0
Z
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700


1.5
1.0
0.5
0.0
Z/H
0
50
100
150
200
Ku


mean= 22.32
200
150
100
50
0
#
-20
0
20
40
60
inflow angle


300
200
100
0
#
0
100
200
300
W10/W700mb