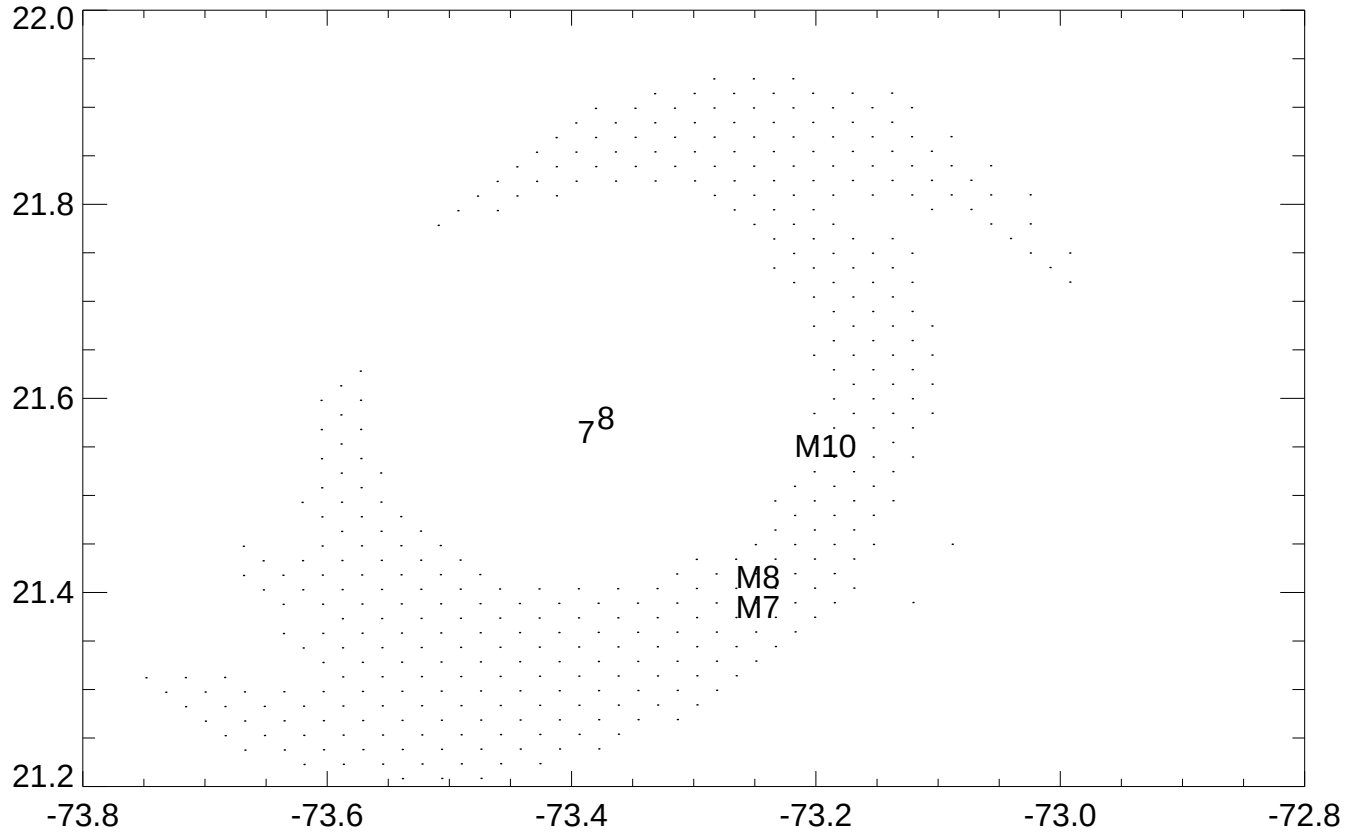
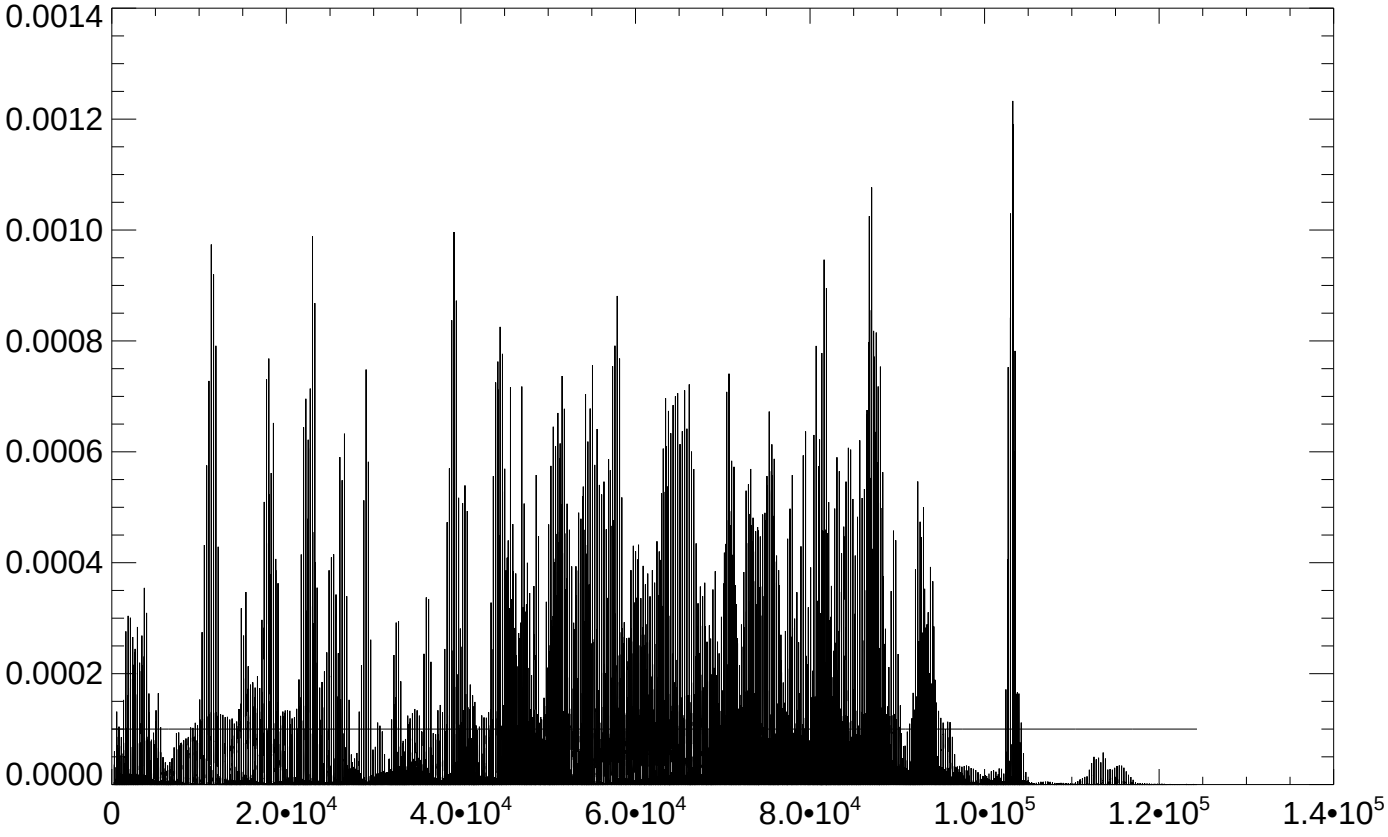
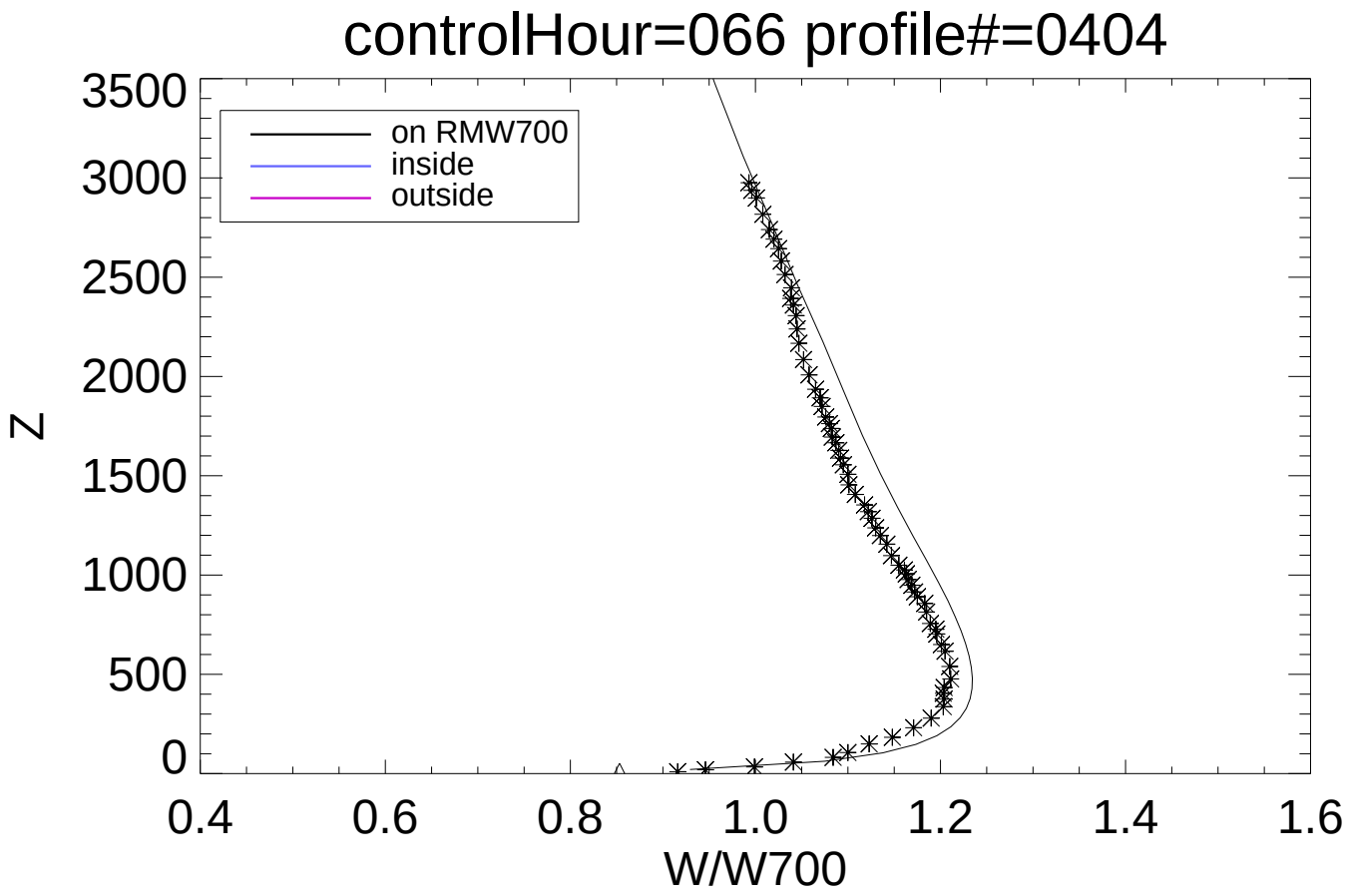
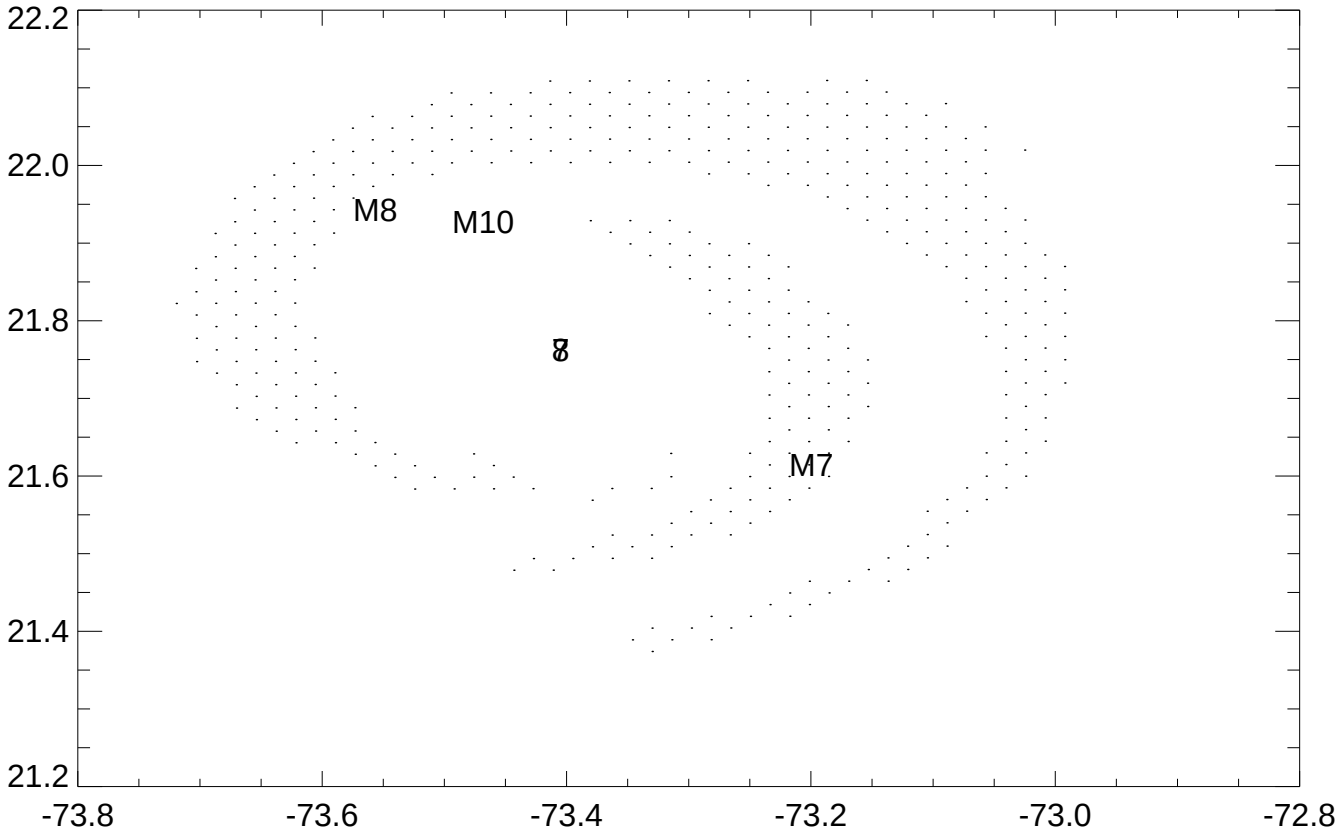
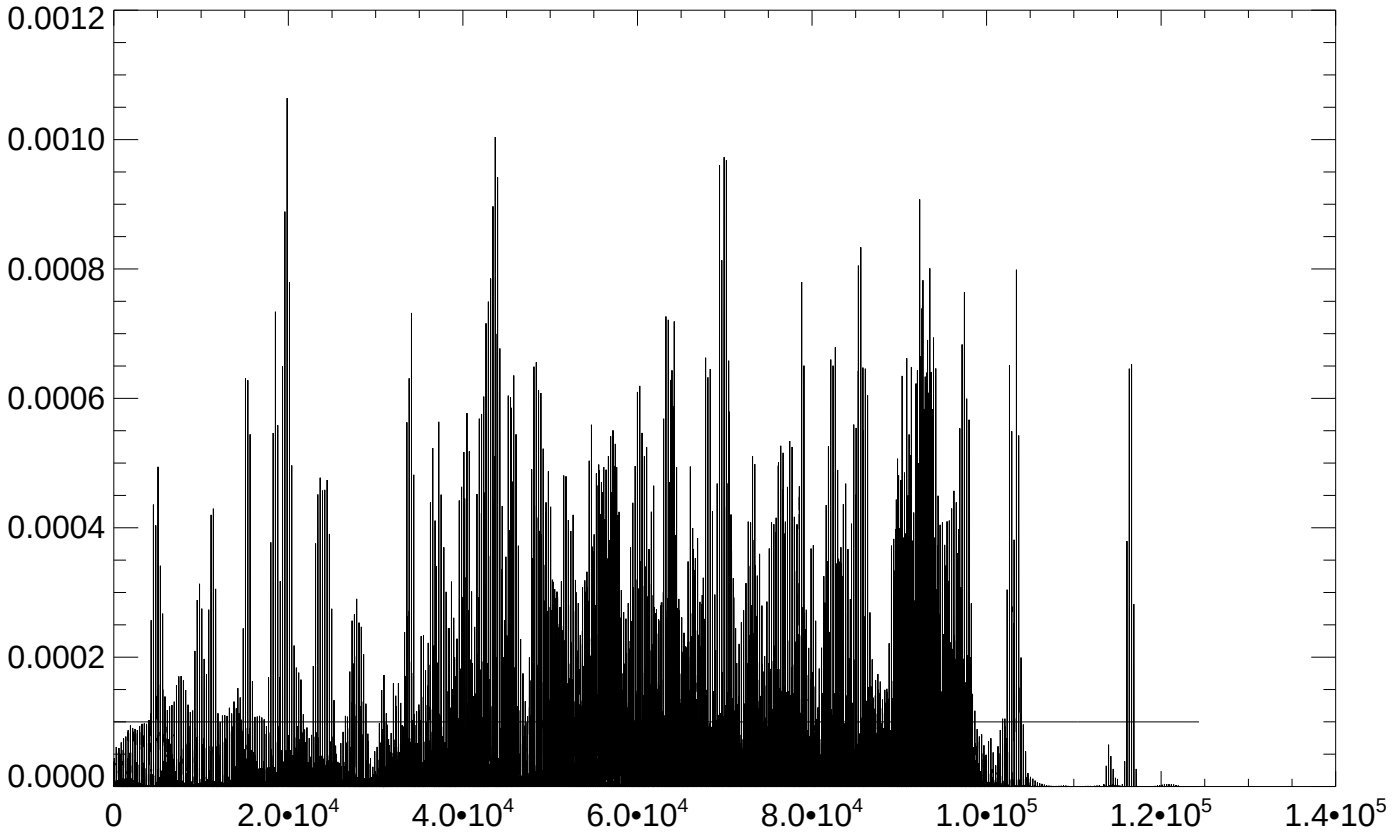
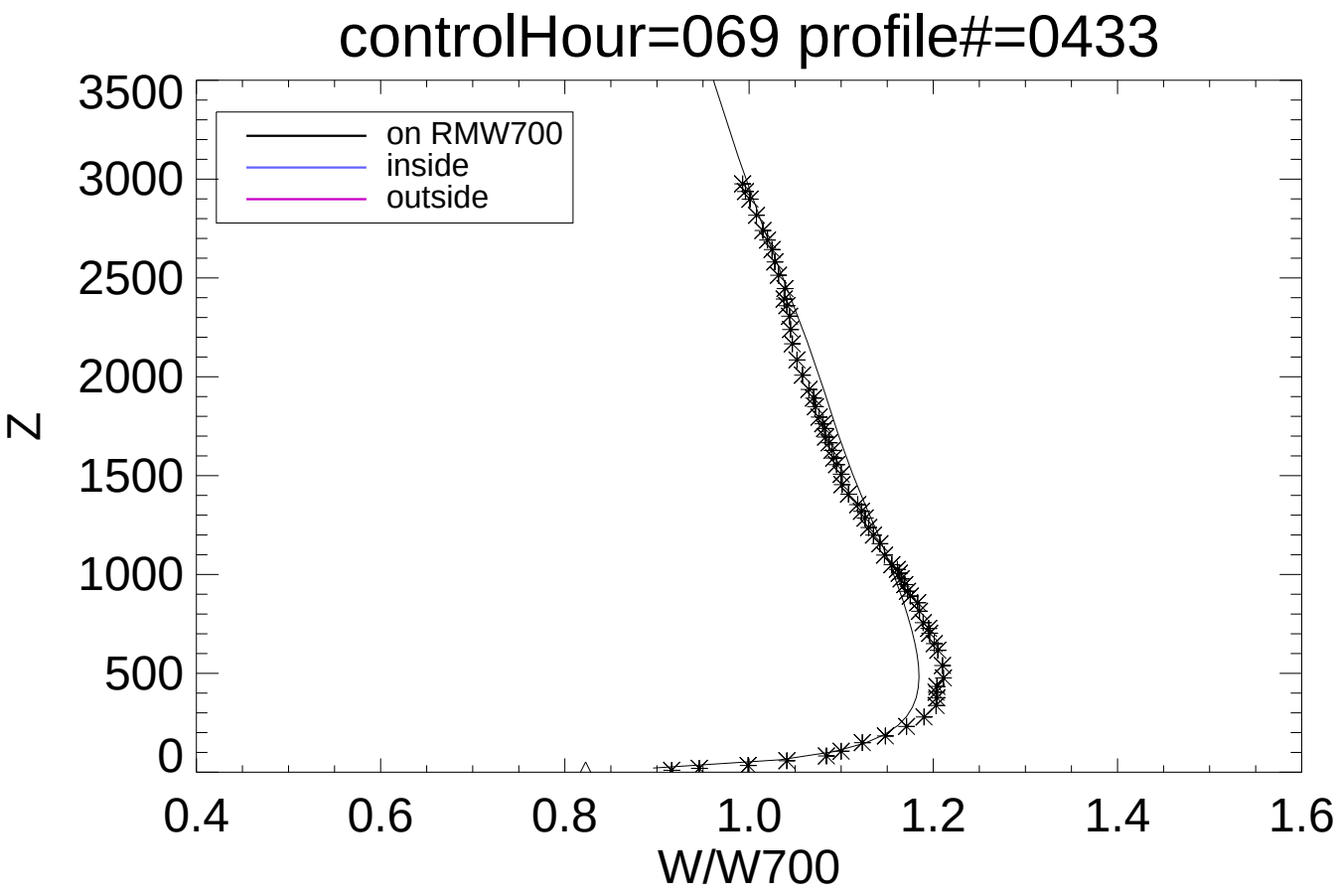

22.0
21.8
21.6
21.4
21.2
-73.8
-73.6
-73.4
-73.2
-73.0
-72.8
7
8
M10
M8
M7

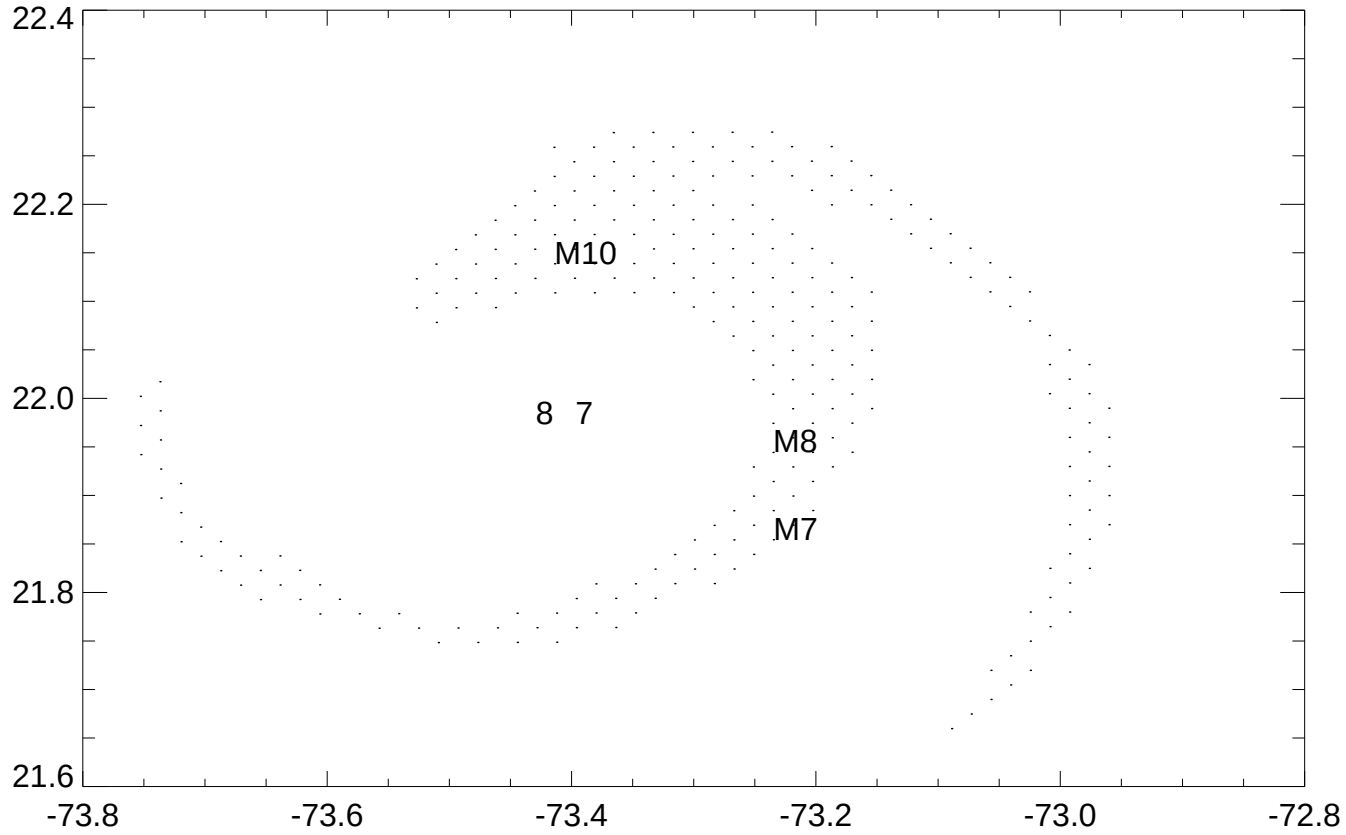

0.0014
0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

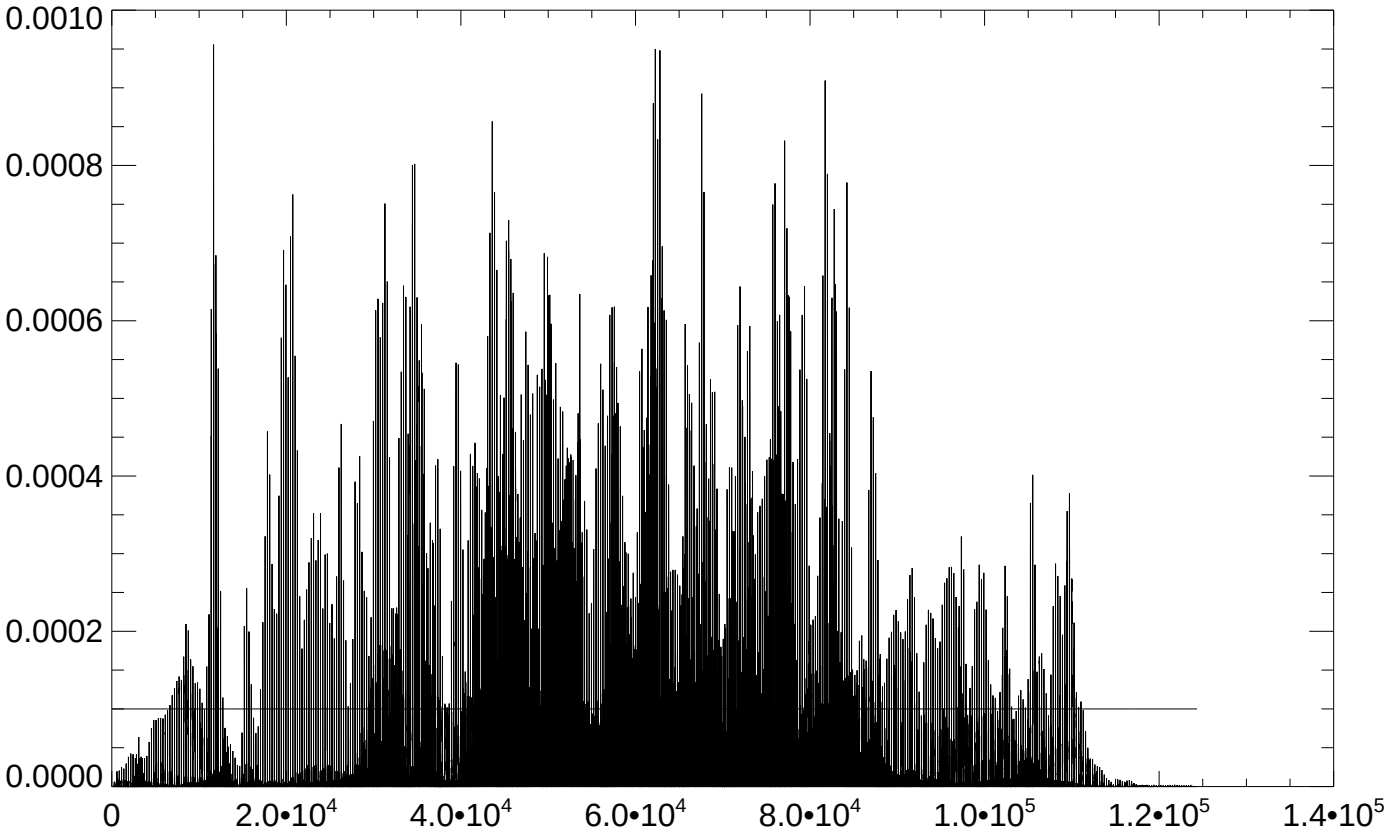

controlHour=066 profile#=0404
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

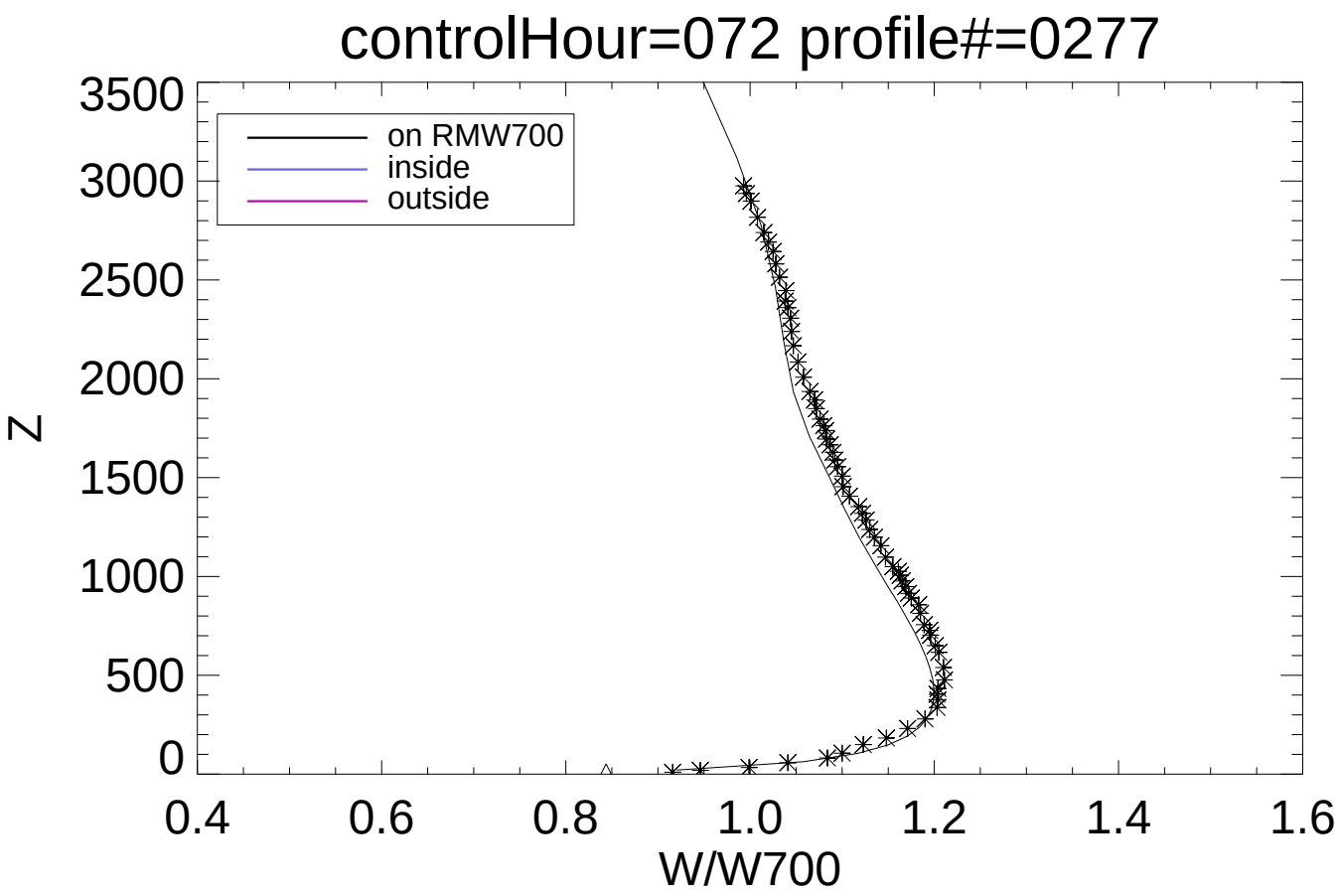

22.2
22.0
21.8
21.6
21.4
21.2
-73.8
-73.6
-73.4
-73.2
-73.0
-72.8
M8
M10
M7

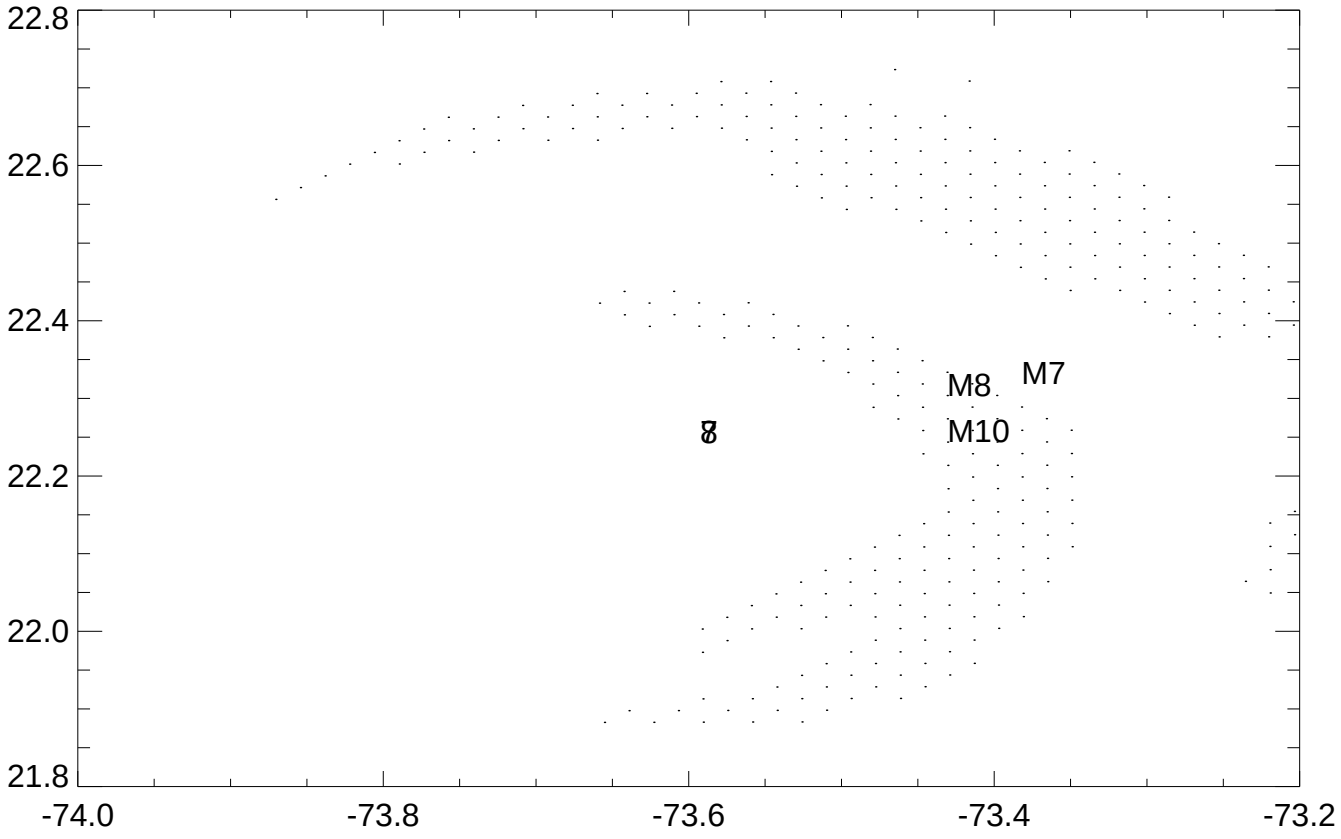

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

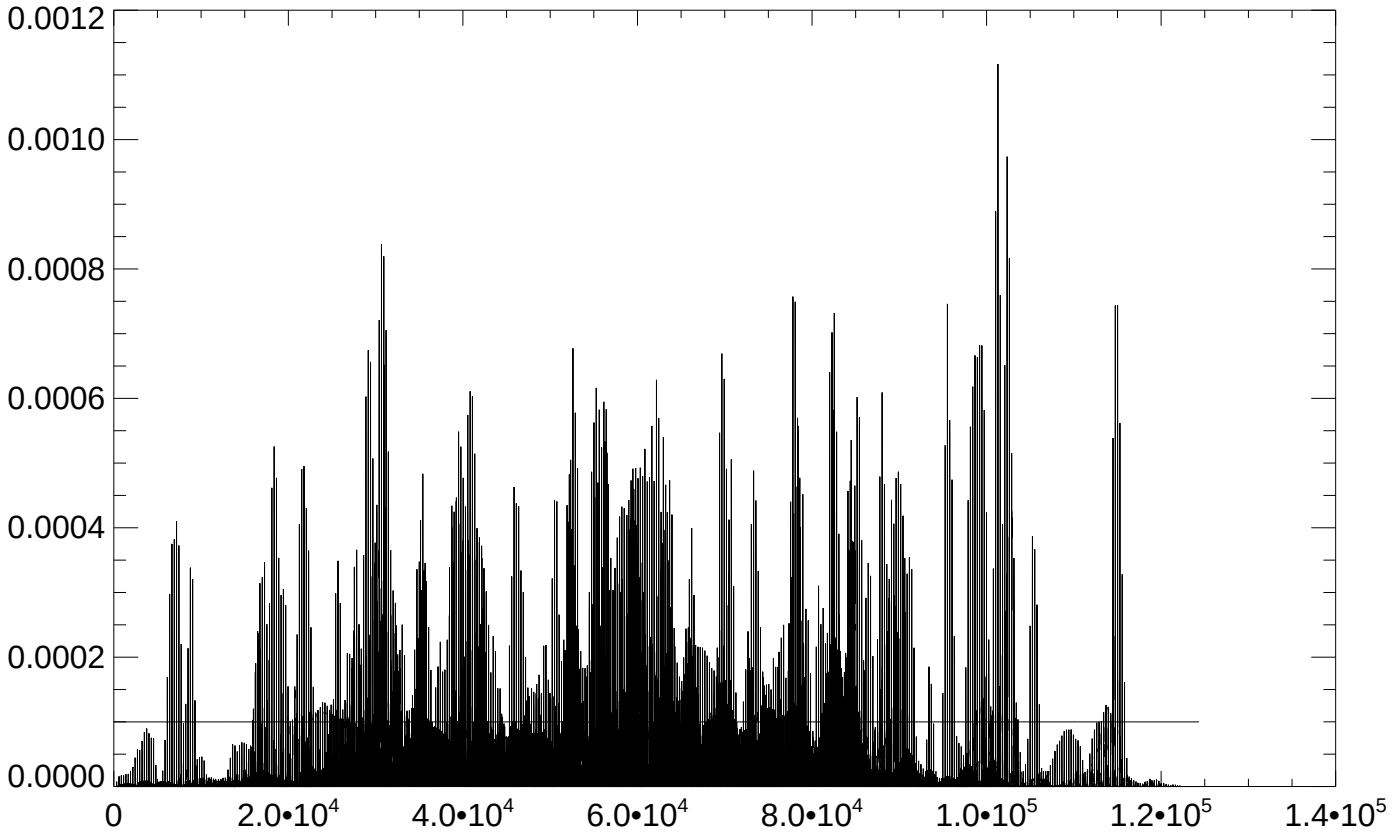

controlHour=069 profile#=0433
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

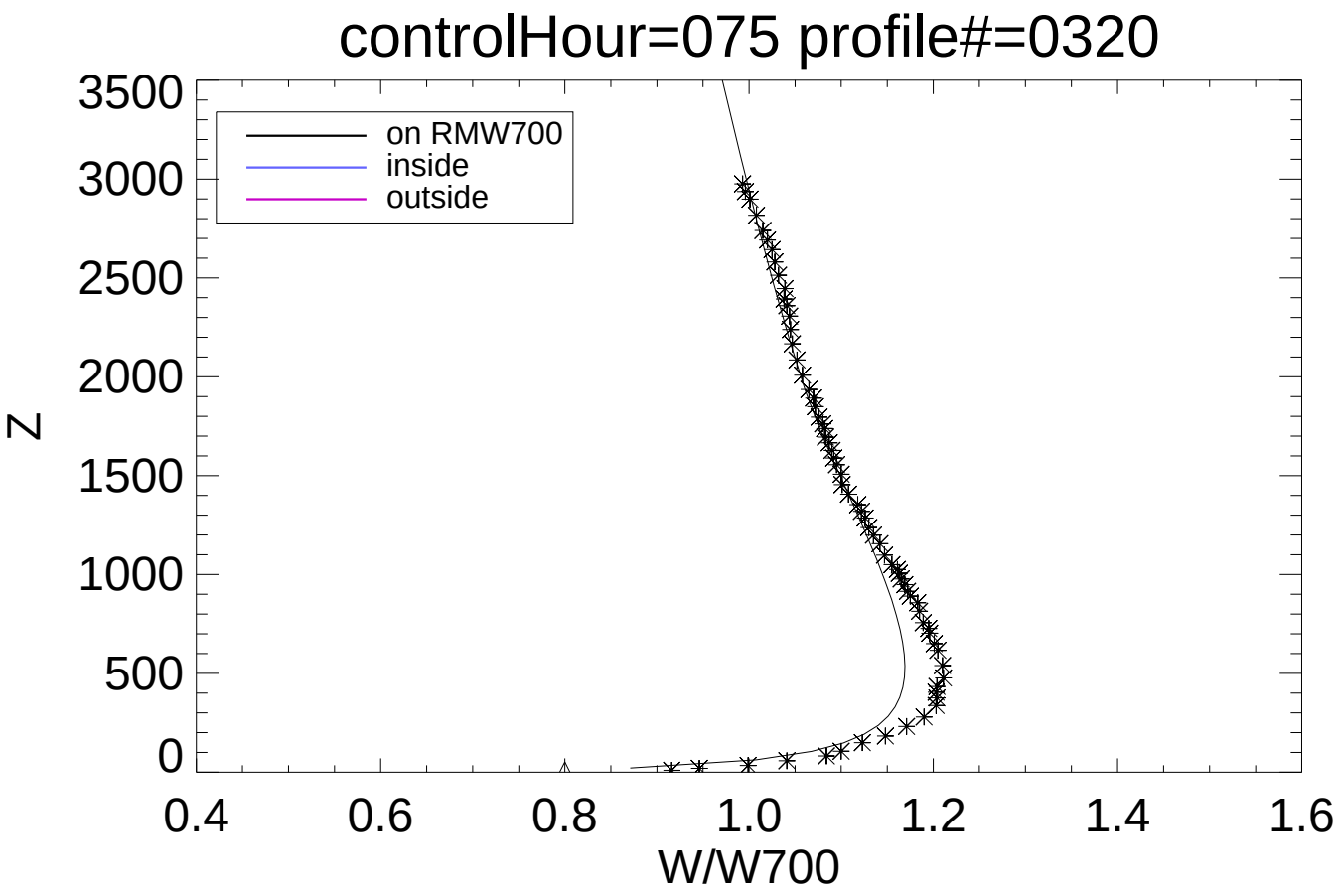

22.4
22.2
22.0
21.8
21.6
-73.8
-73.6
-73.4
-73.2
-73.0
-72.8
M10
8 7
M8
M7

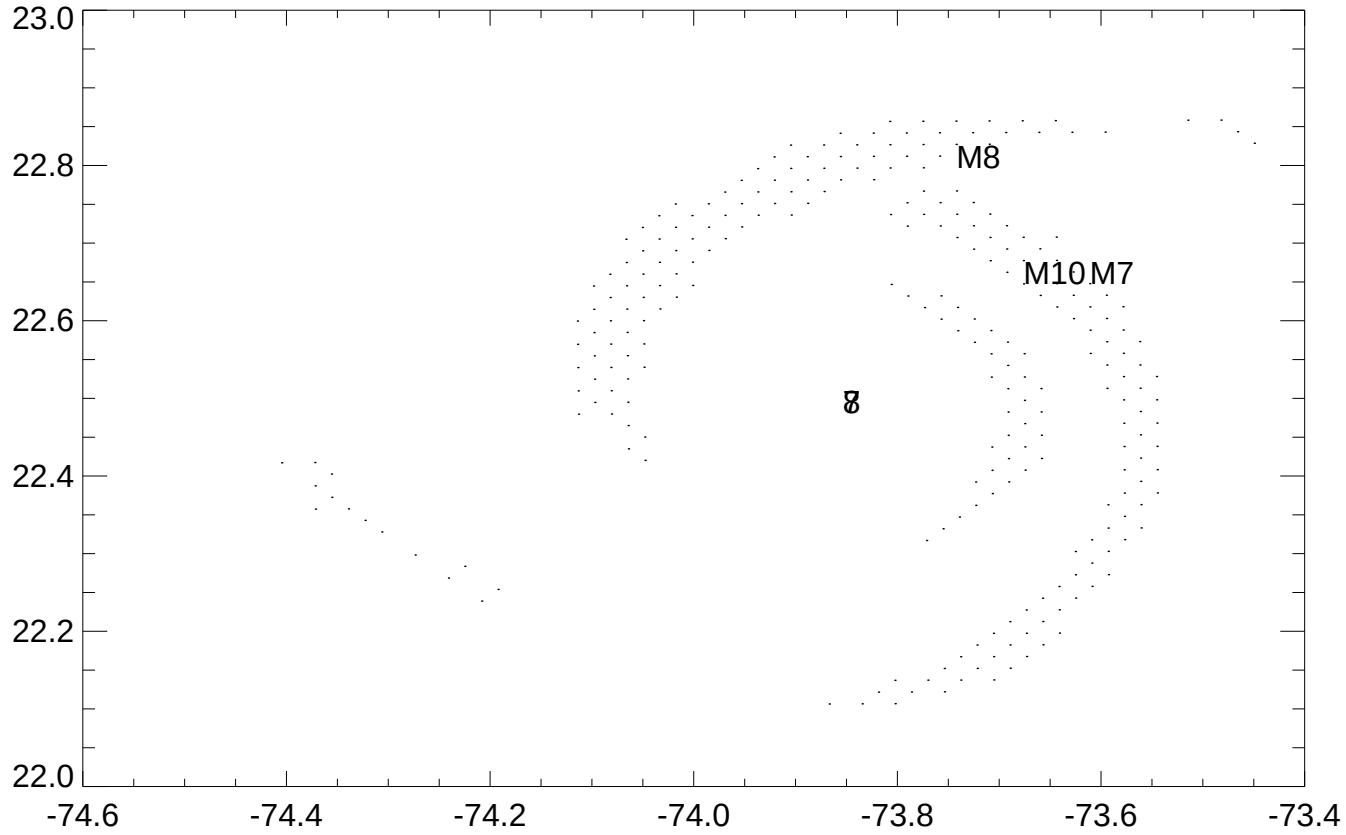

0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

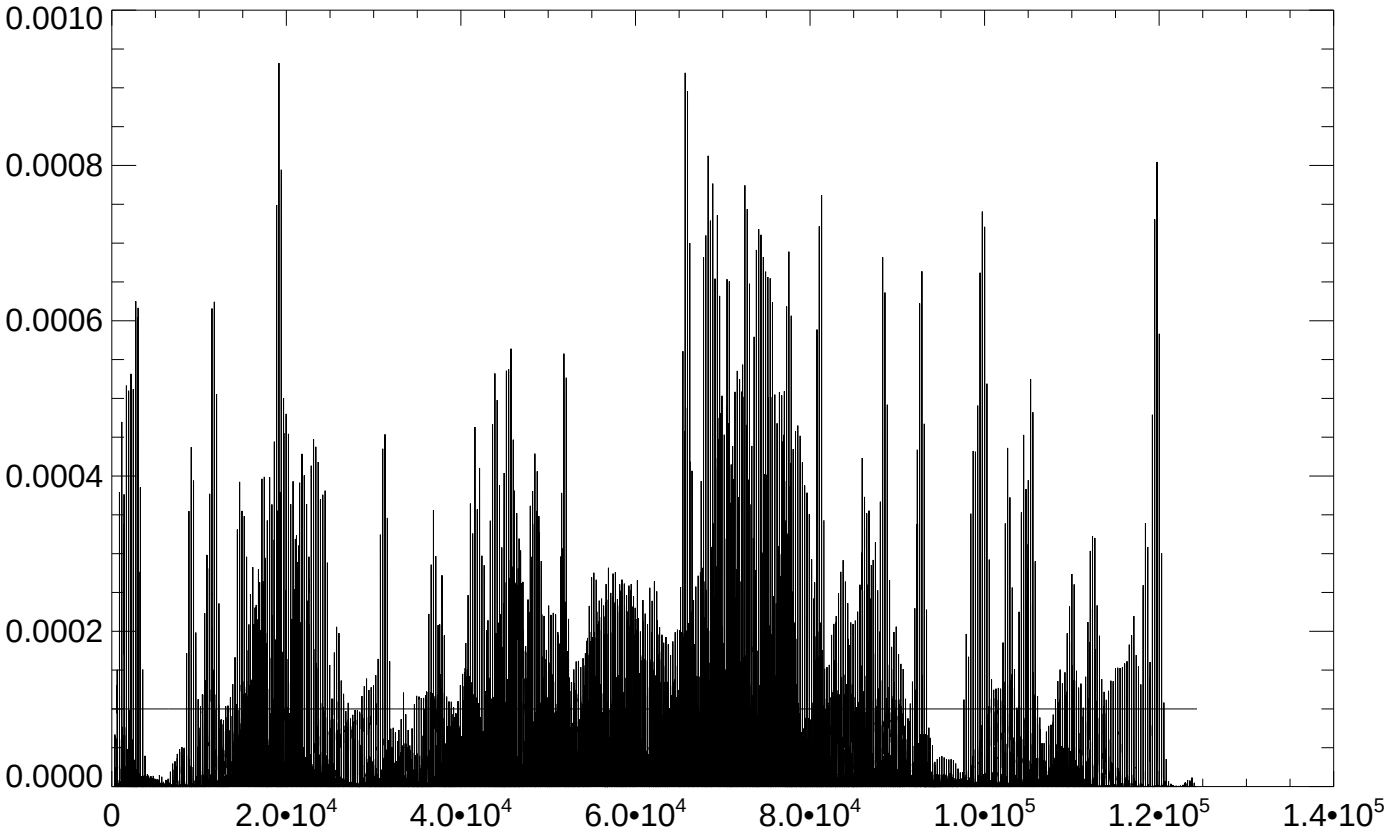

controlHour=072 profile#=0277
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

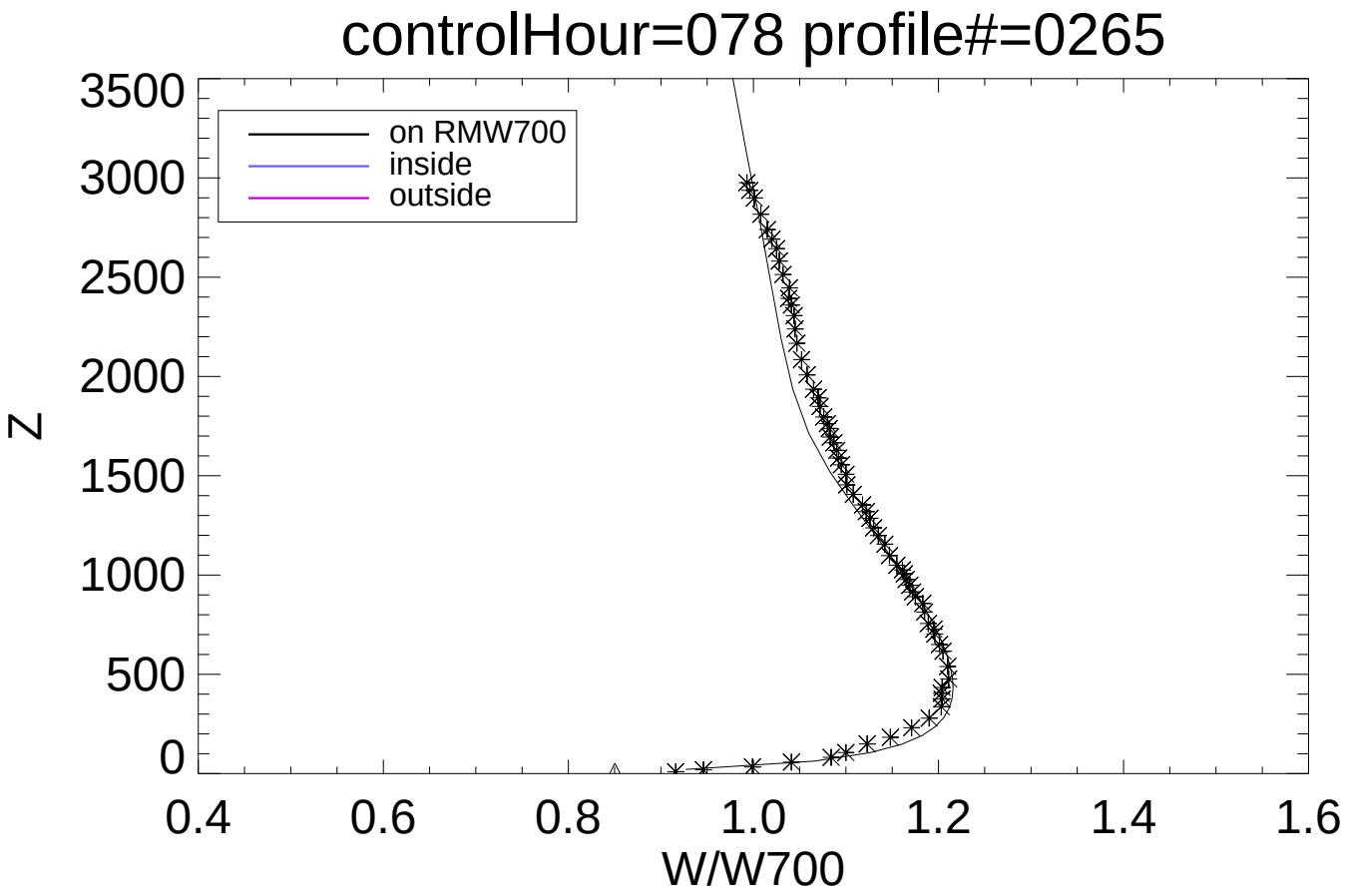

22.8
22.6
22.4
22.2
22.0
21.8
-74.0
-73.8
-73.6
-73.4
-73.2
M8
M7
M10

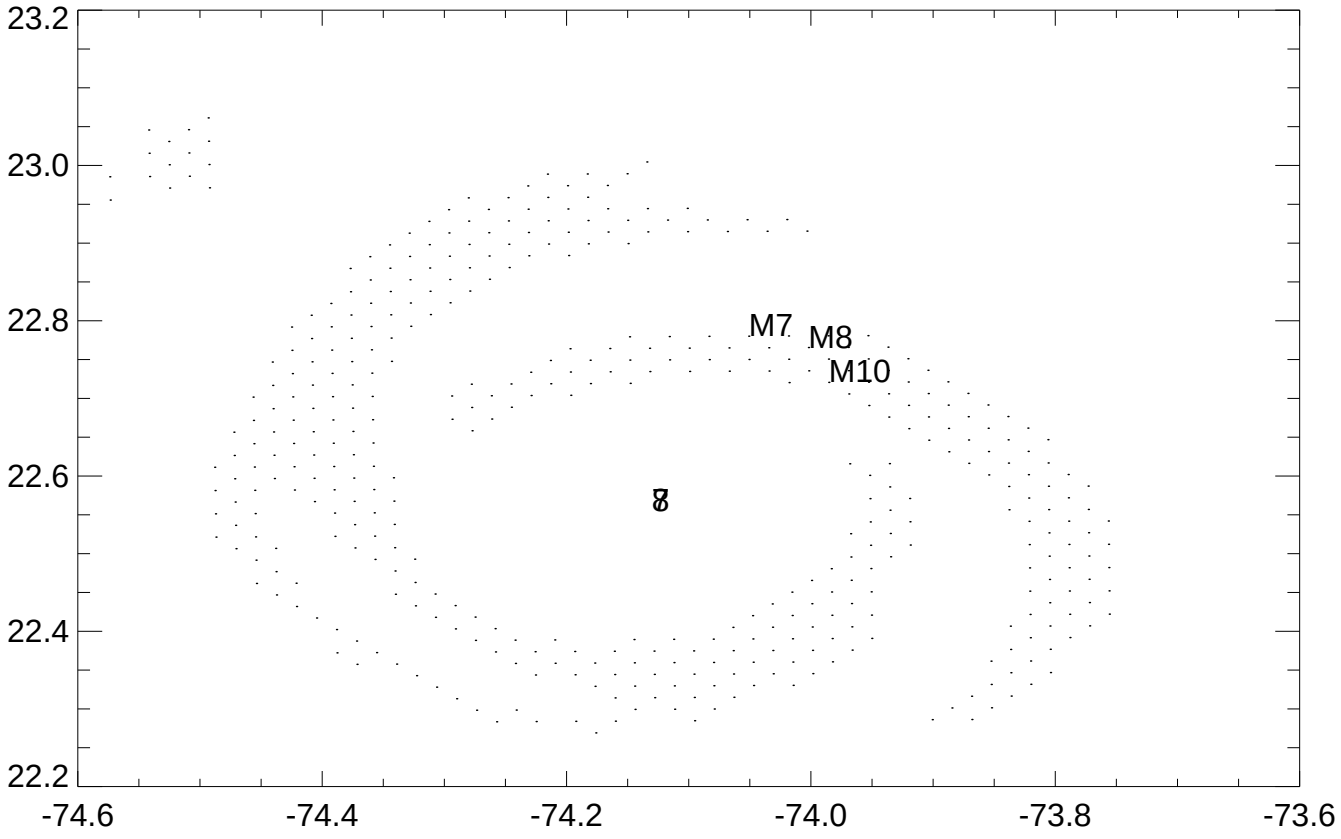

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

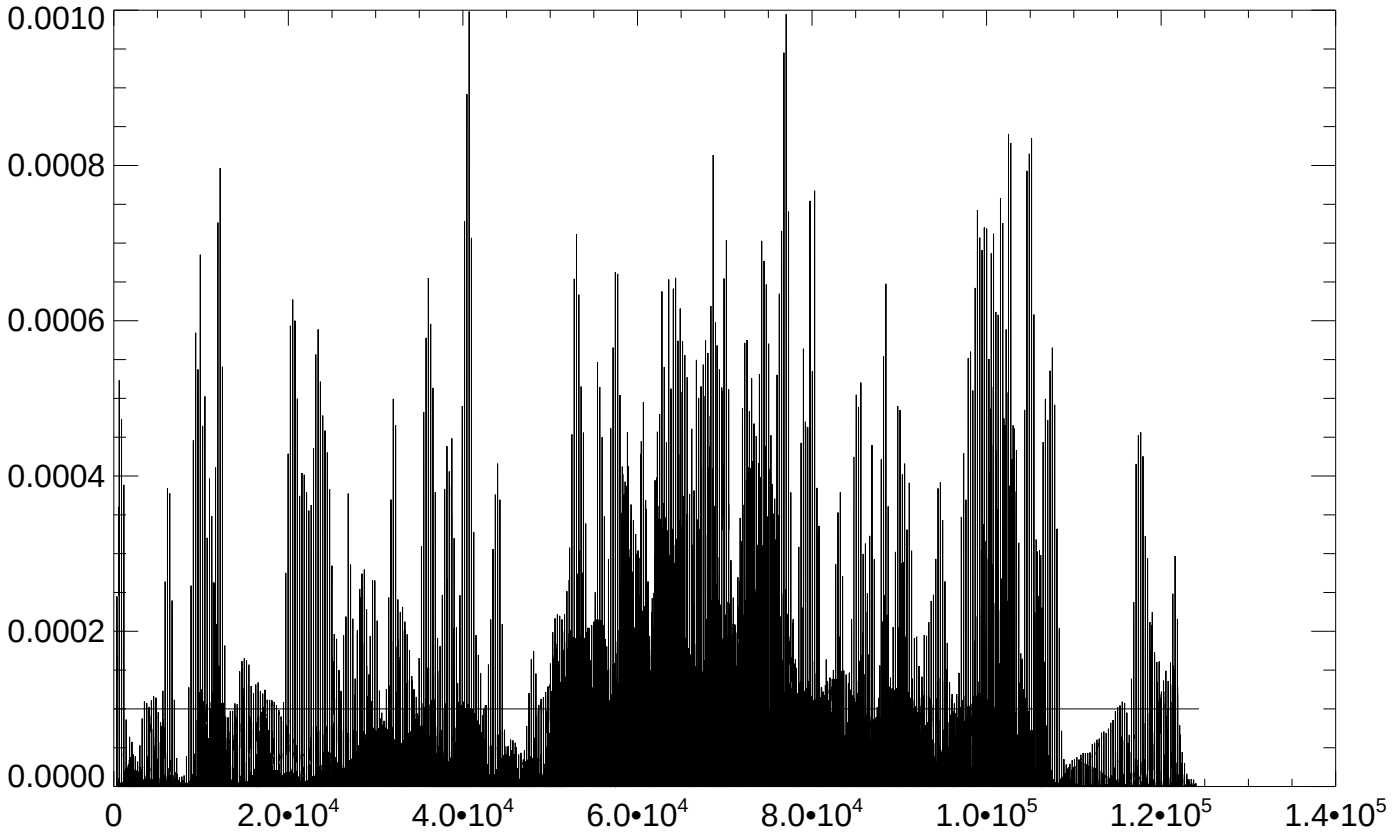

controlHour=075 profile#=0320
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

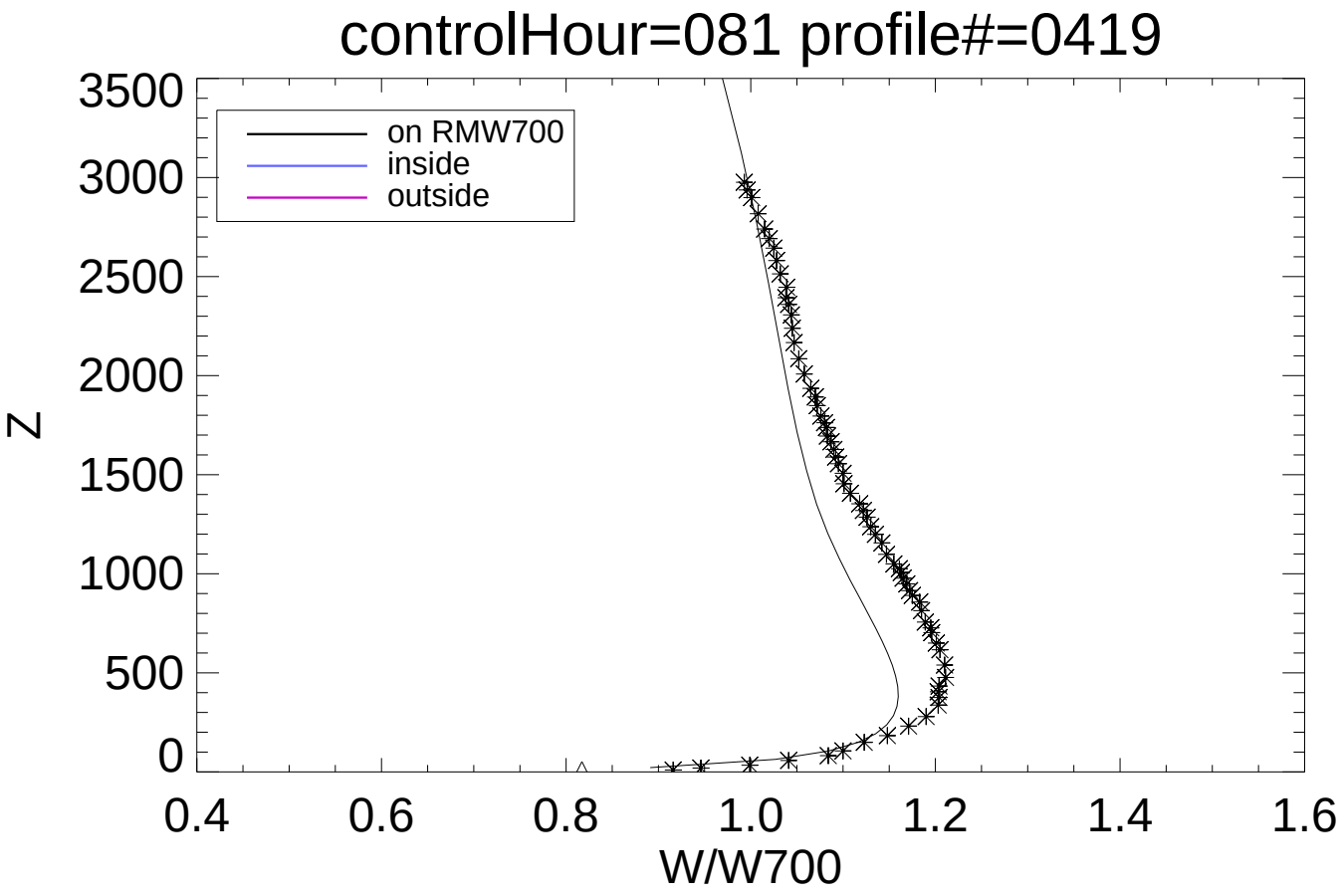

23.0
22.8
22.6
22.4
22.2
22.0
-74.6
-74.4
-74.2
-74.0
-73.8
-73.6
-73.4
M8
M10
M7

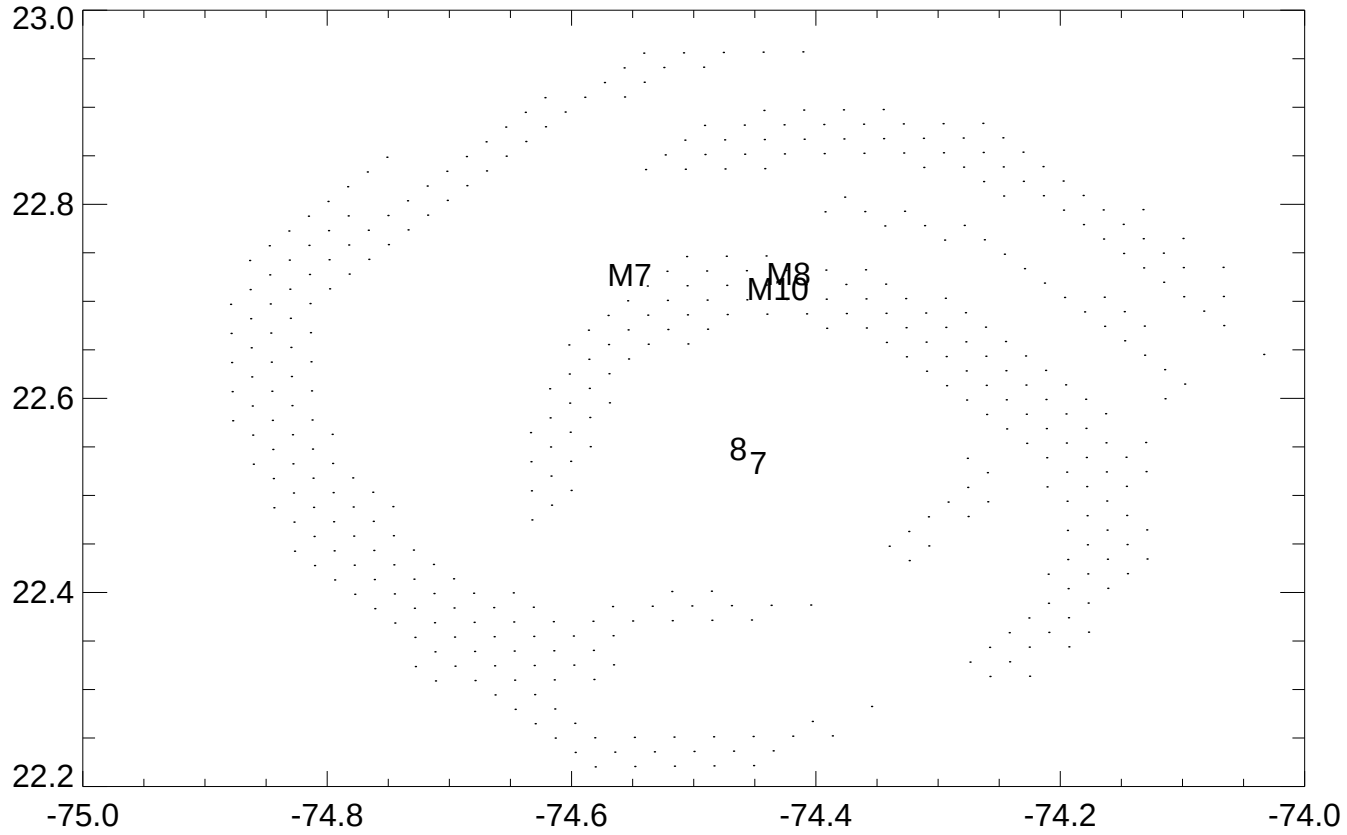

0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

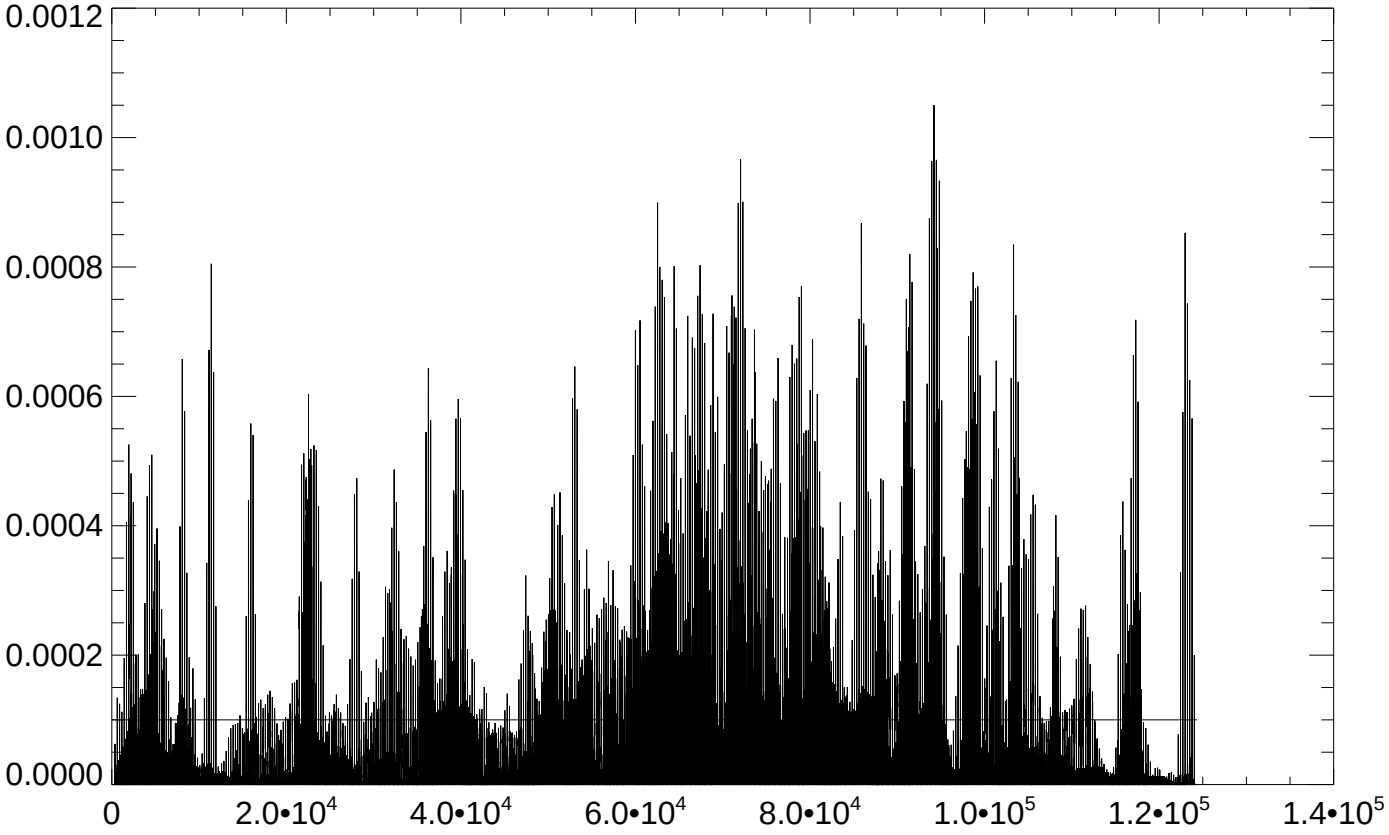

controlHour=078 profile#=0265
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

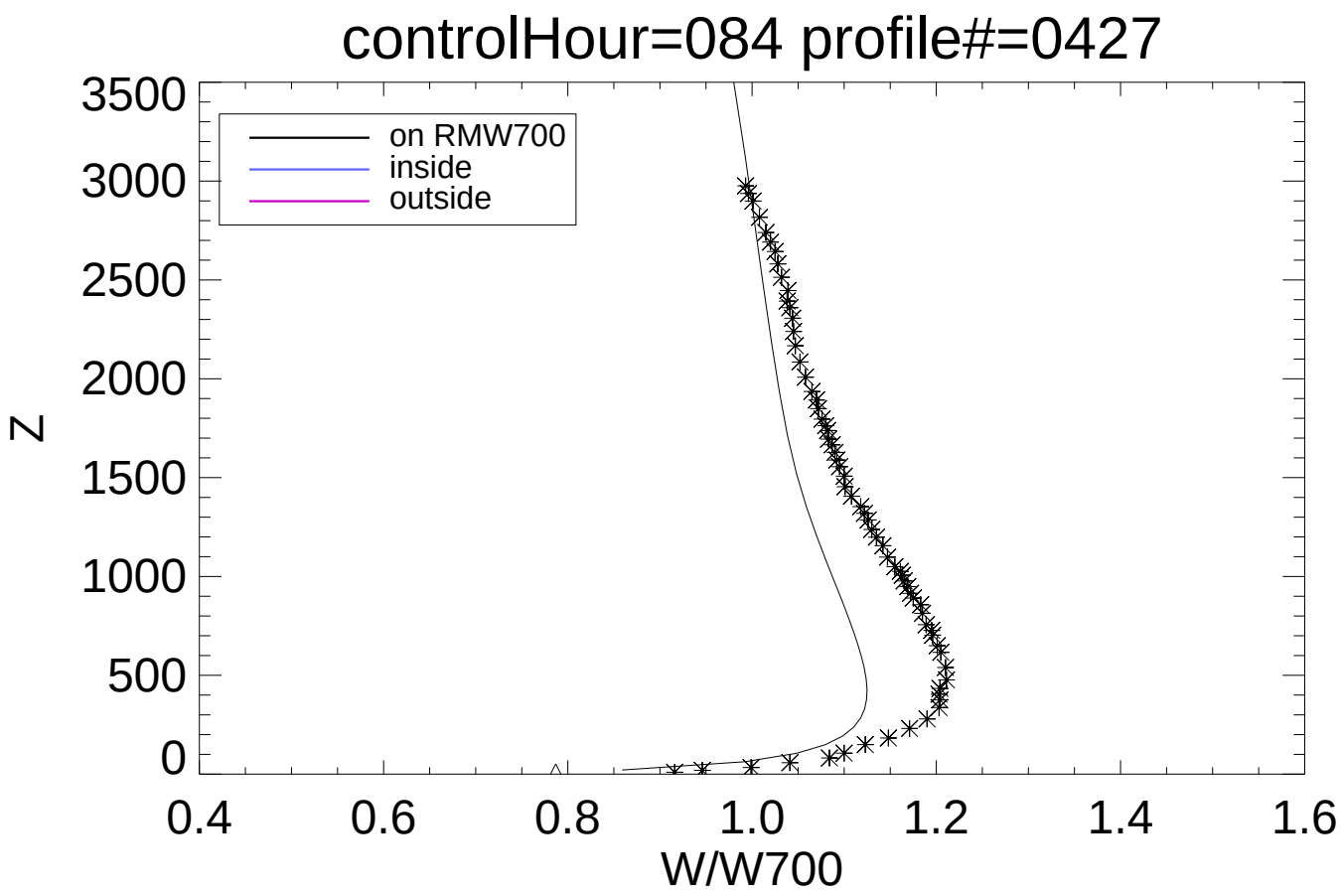

23.2
23.0
22.8
22.6
22.4
22.2
-74.6
-74.4
-74.2
-74.0
-73.8
-73.6
M7
M8
M10

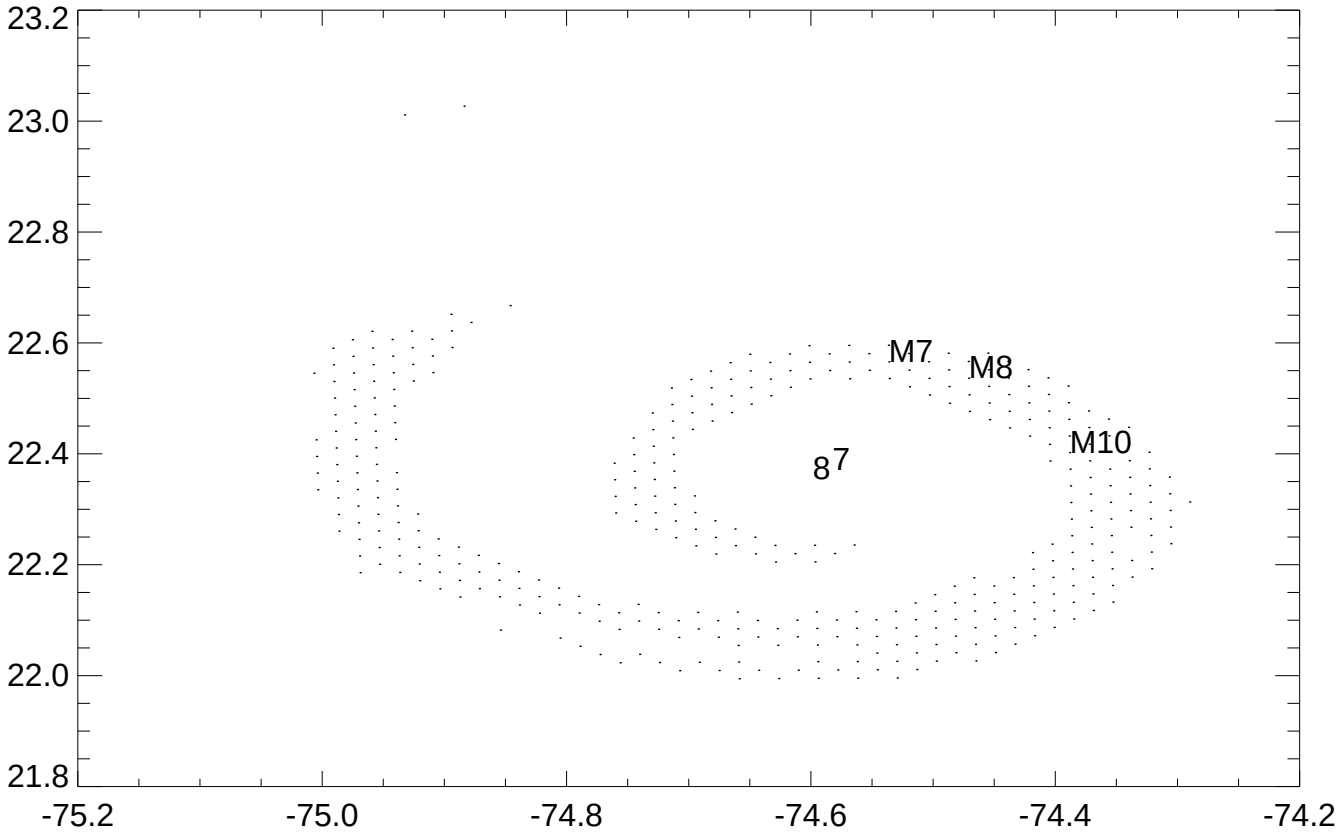

0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

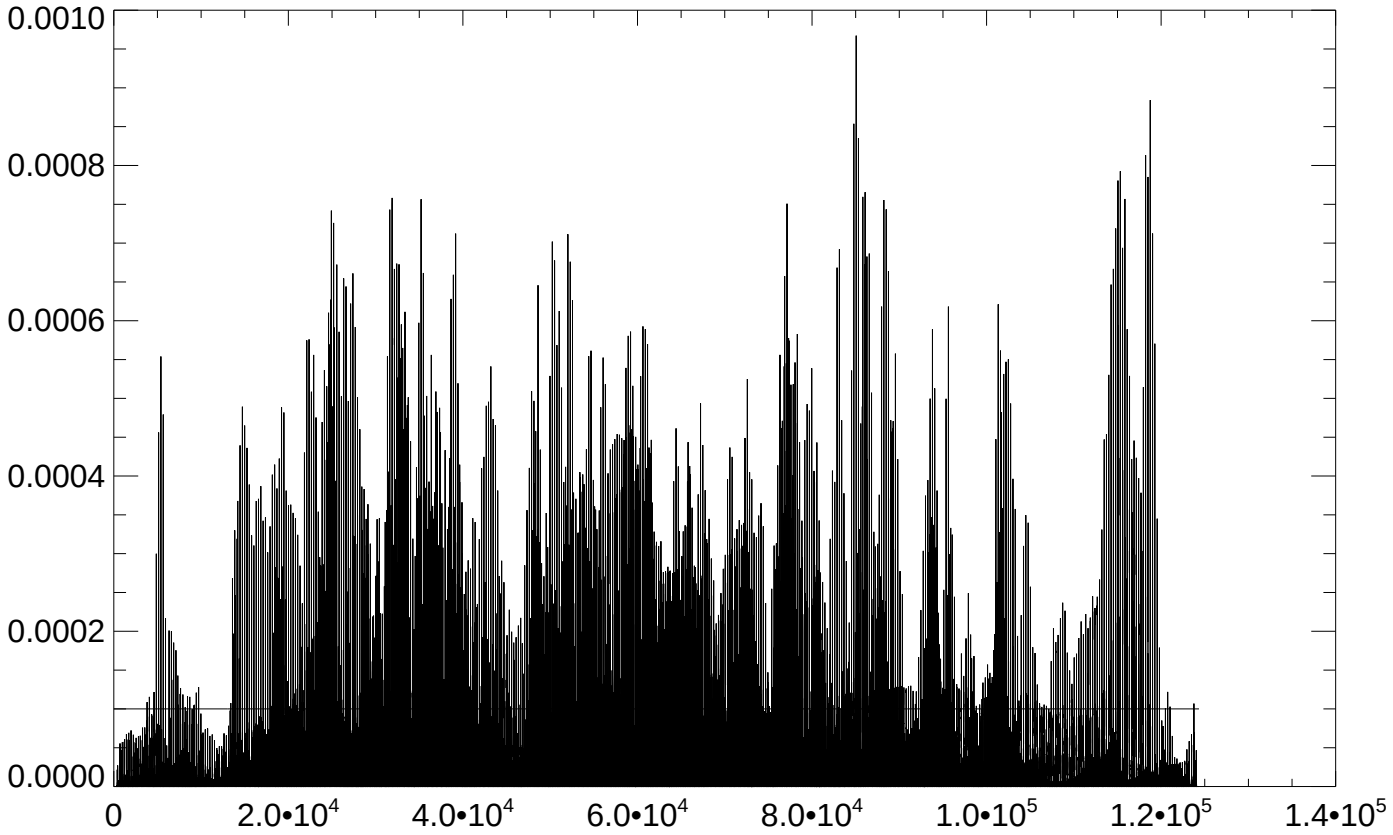

controlHour=081 profile#=0419
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

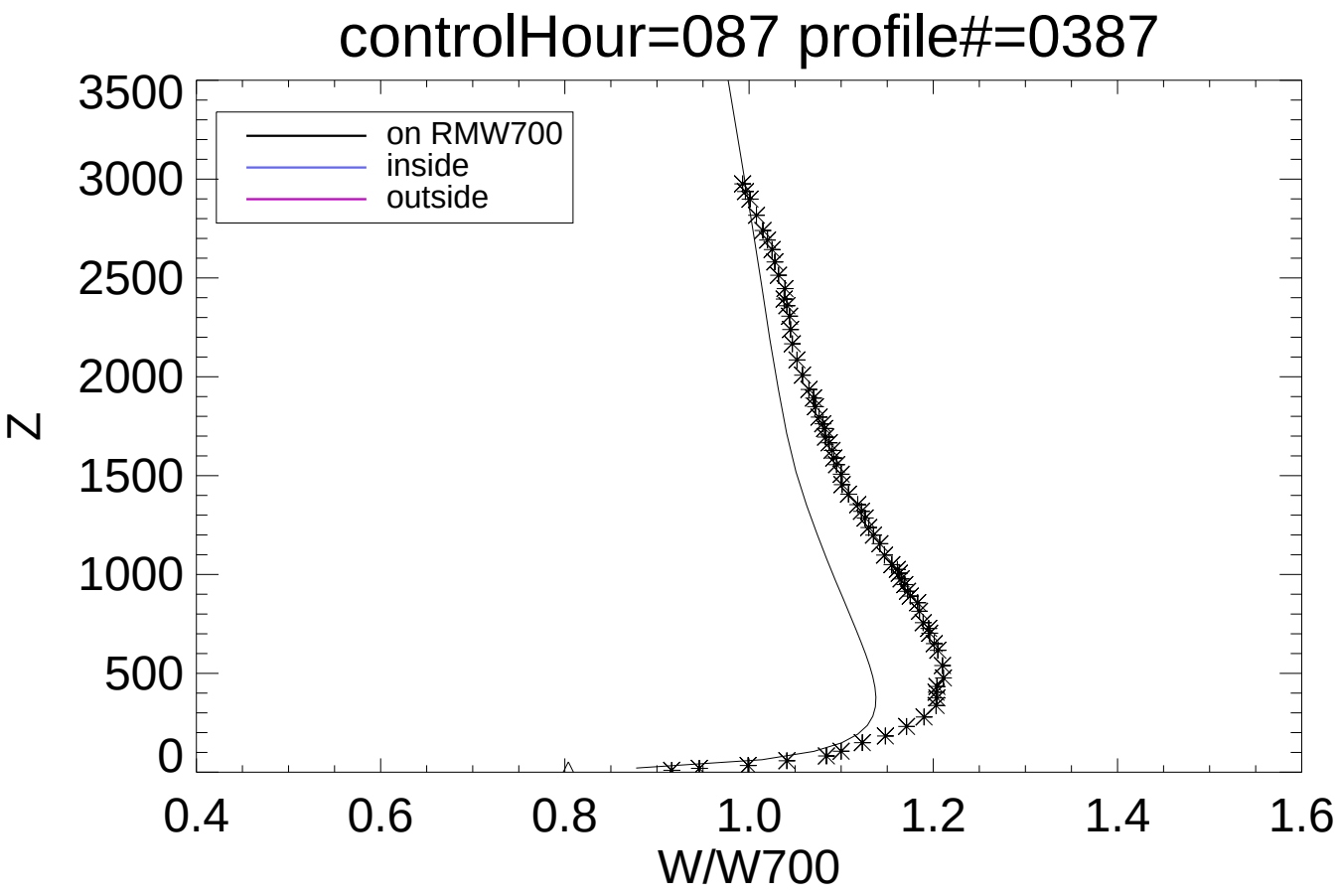

23.0
22.8
22.6
22.4
22.2
-75.0
-74.8
-74.6
-74.4
-74.2
-74.0
M7
M8
M10
8
7

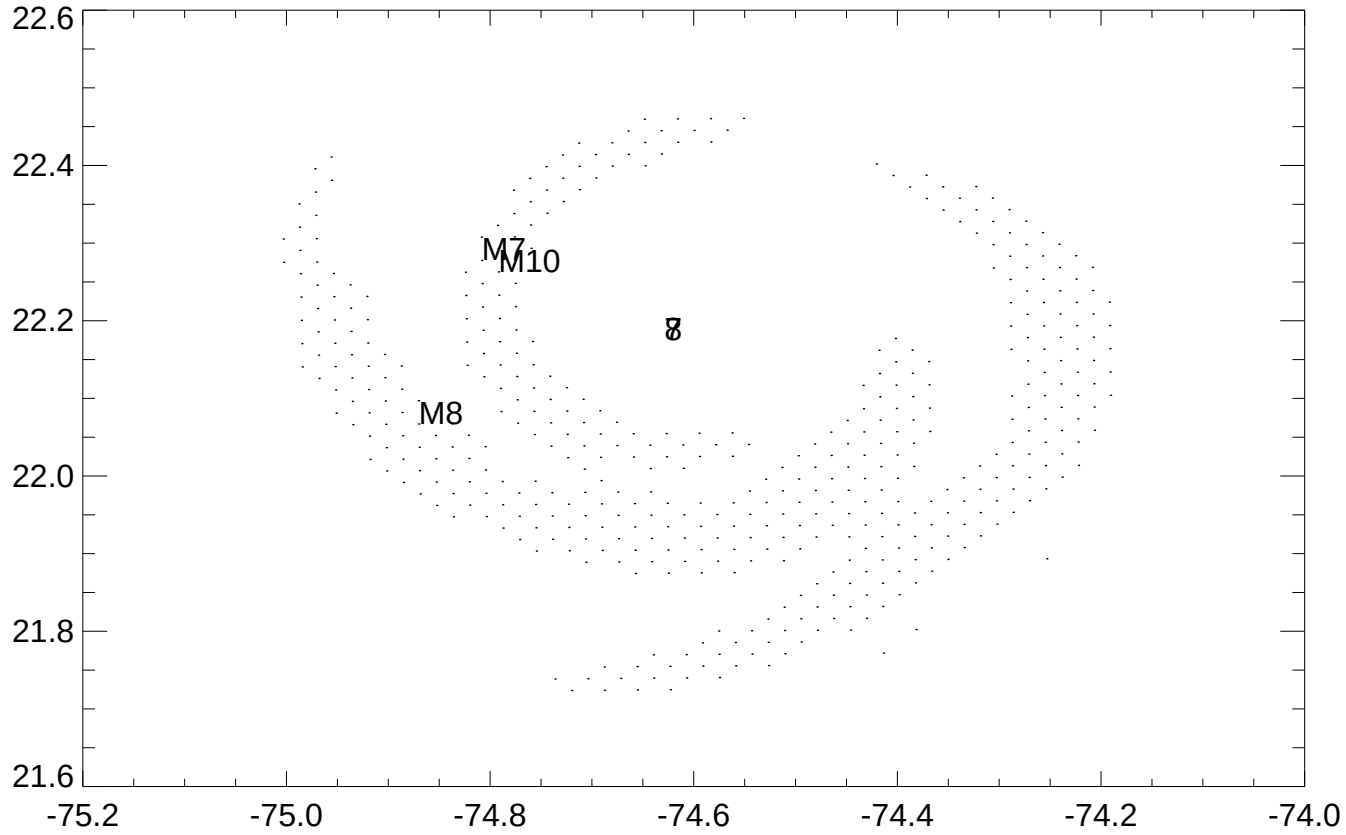

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

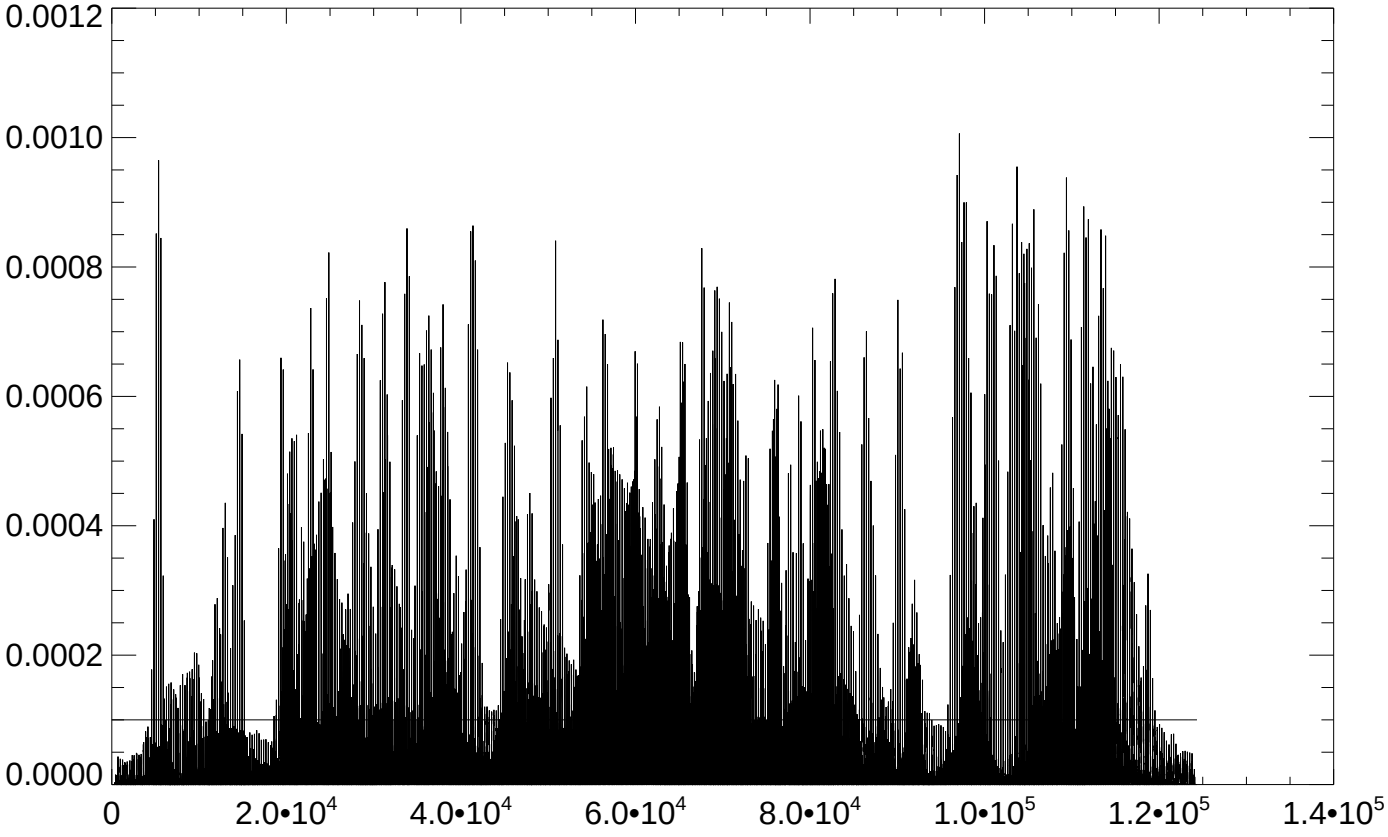

controlHour=084 profile#=0427
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

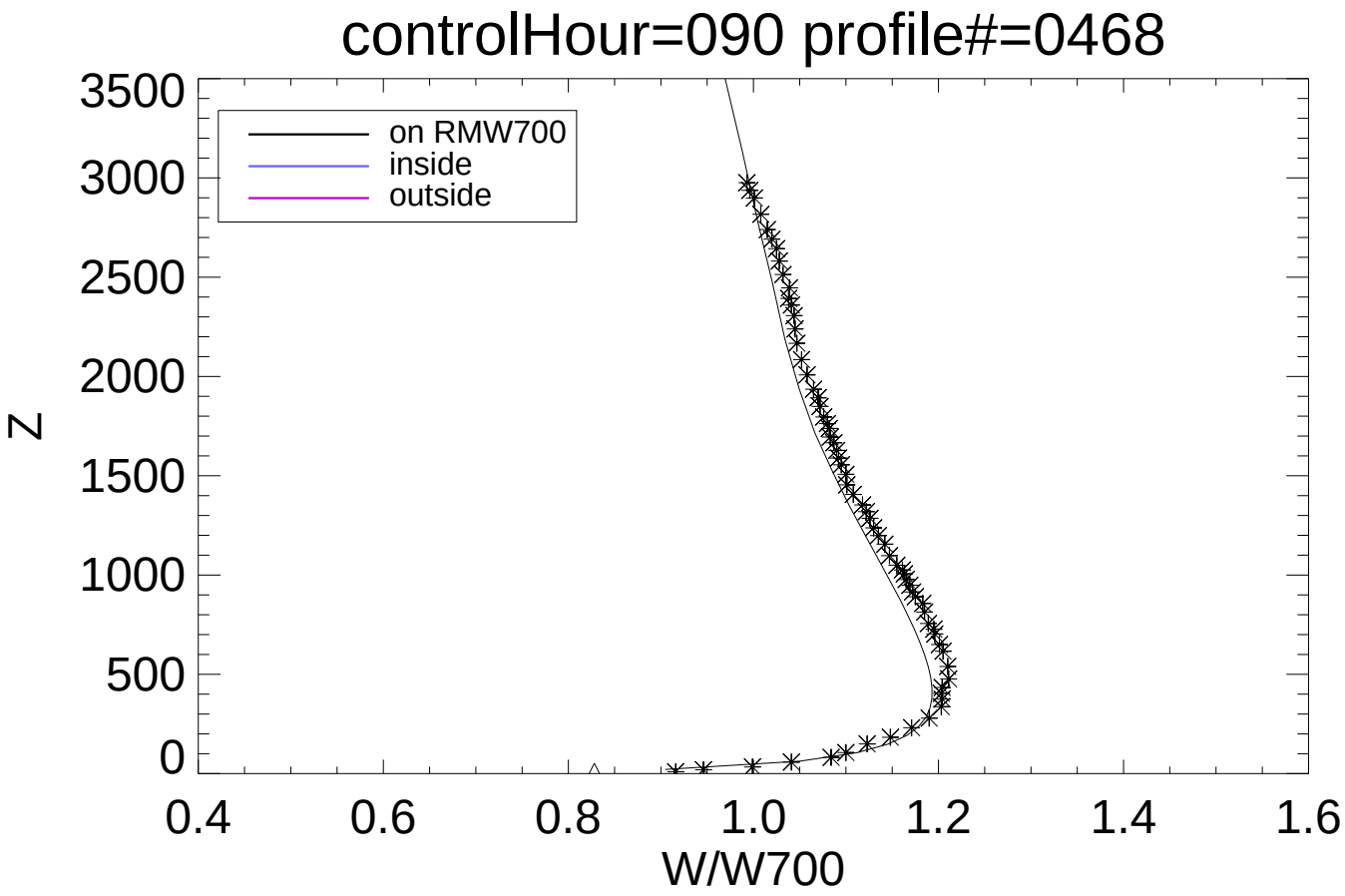

23.2
23.0
22.8
22.6
22.4
22.2
22.0
21.8
-75.2
-75.0
-74.8
-74.6
-74.4
-74.2
M7
M8
M10
8
7

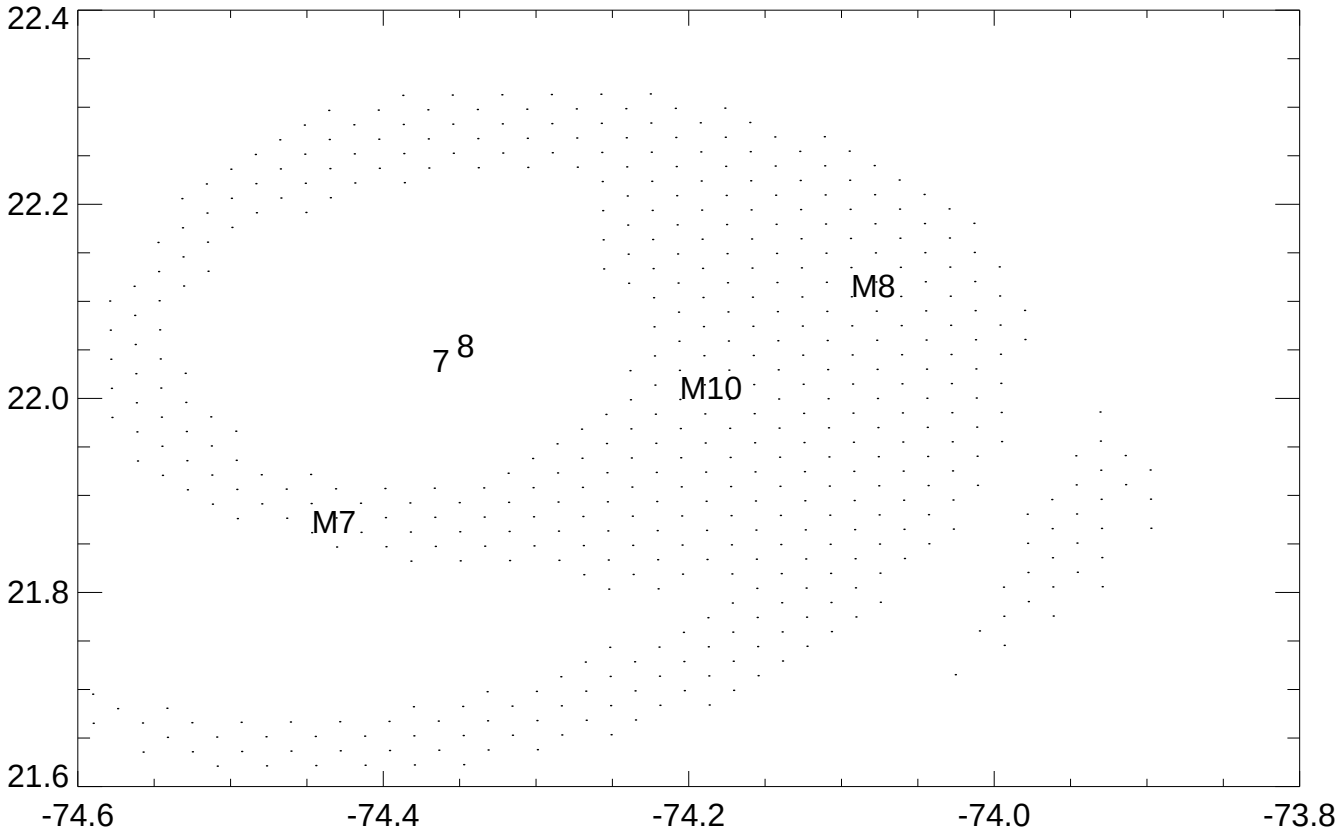

0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

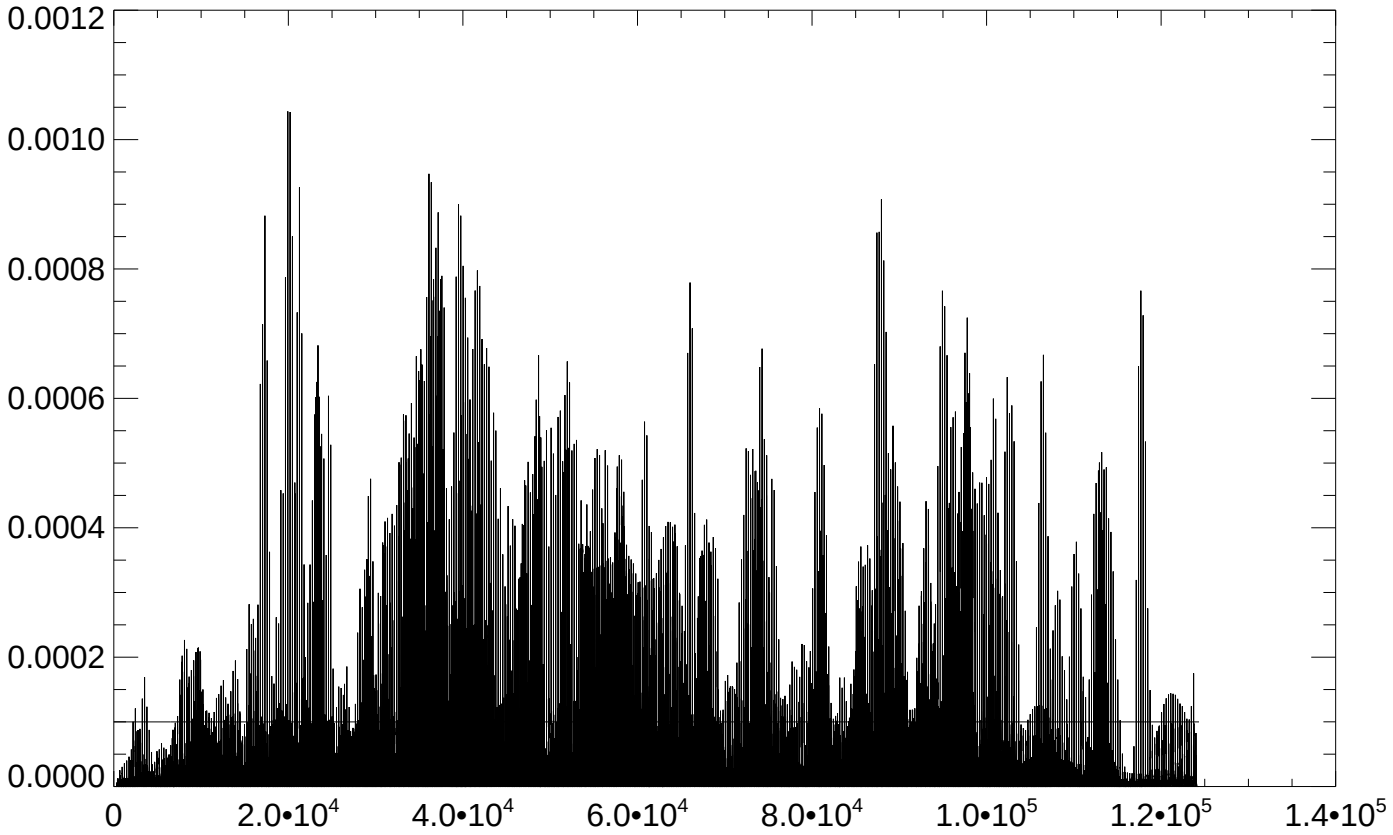

controlHour=087 profile#=0387
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

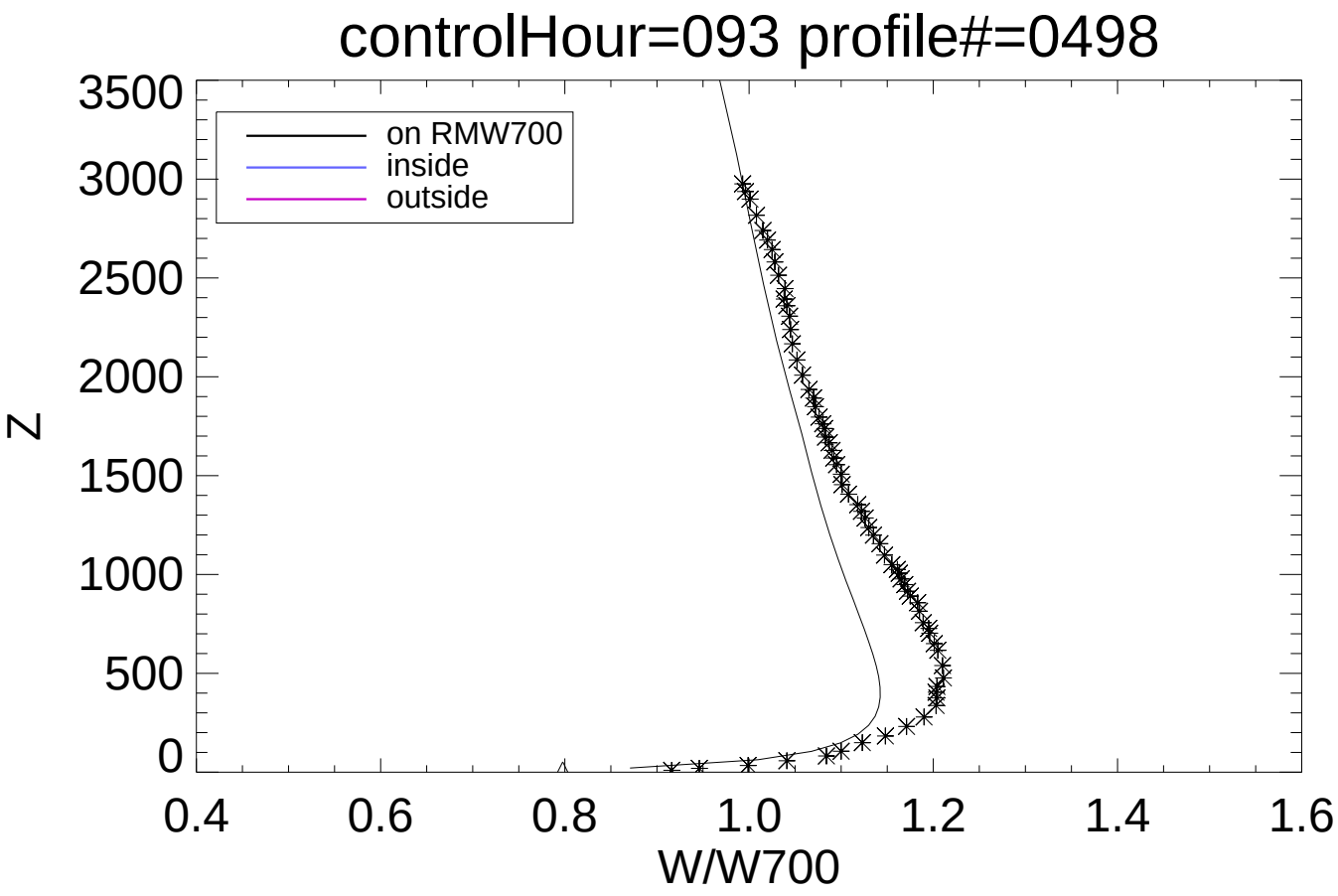

22.6
22.4
22.2
22.0
21.8
21.6
-75.2
-75.0
-74.8
-74.6
-74.4
-74.2
-74.0
M7
M10
M8

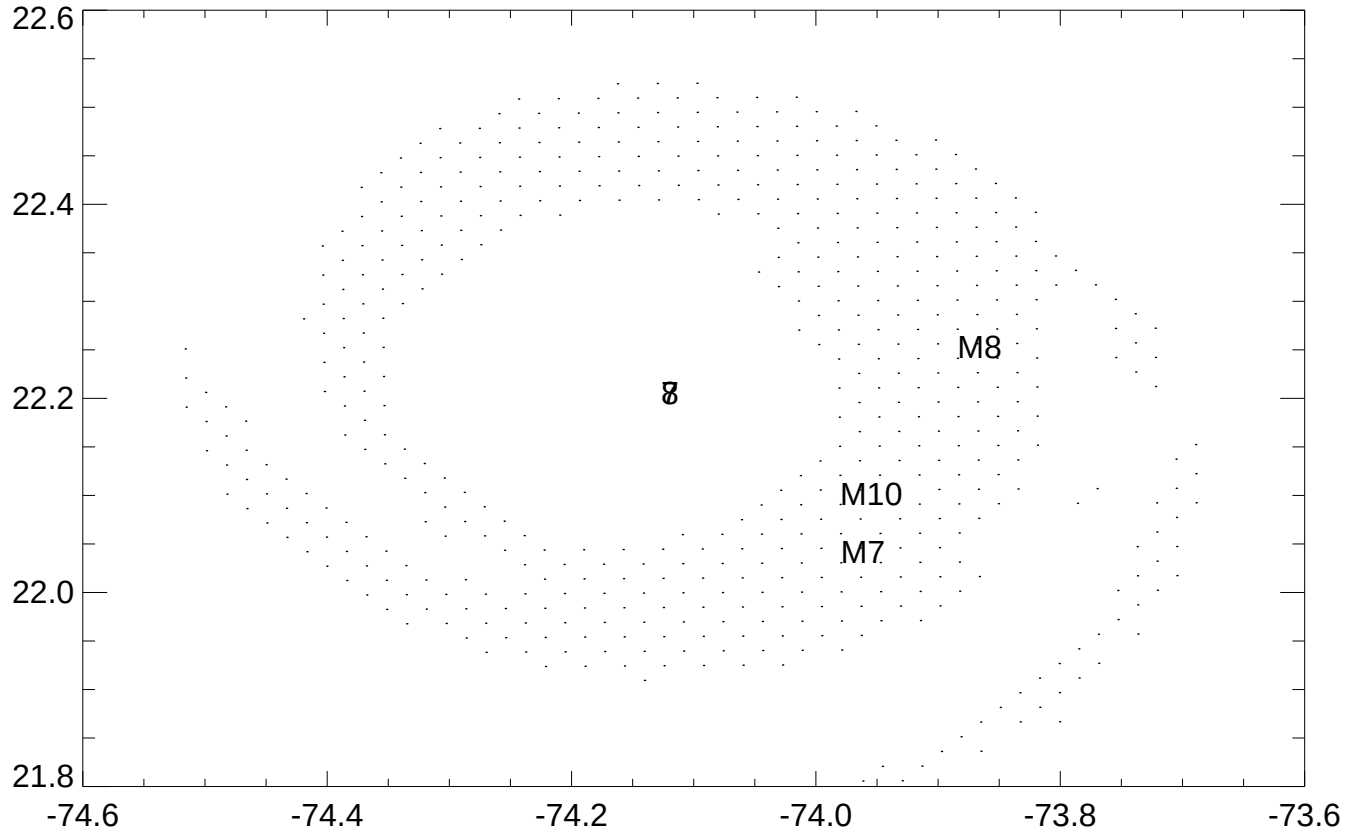

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

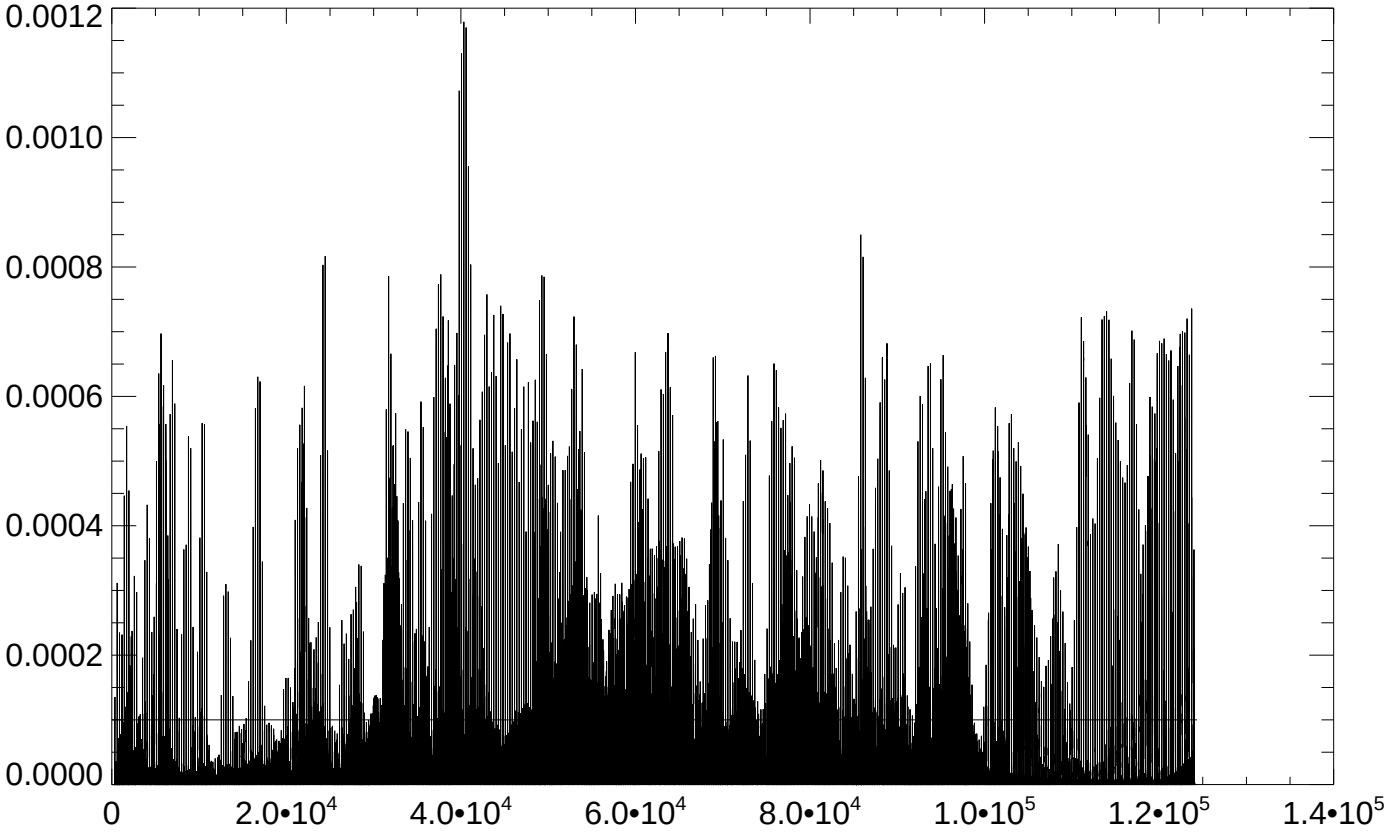

controlHour=090 profile#=0468
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

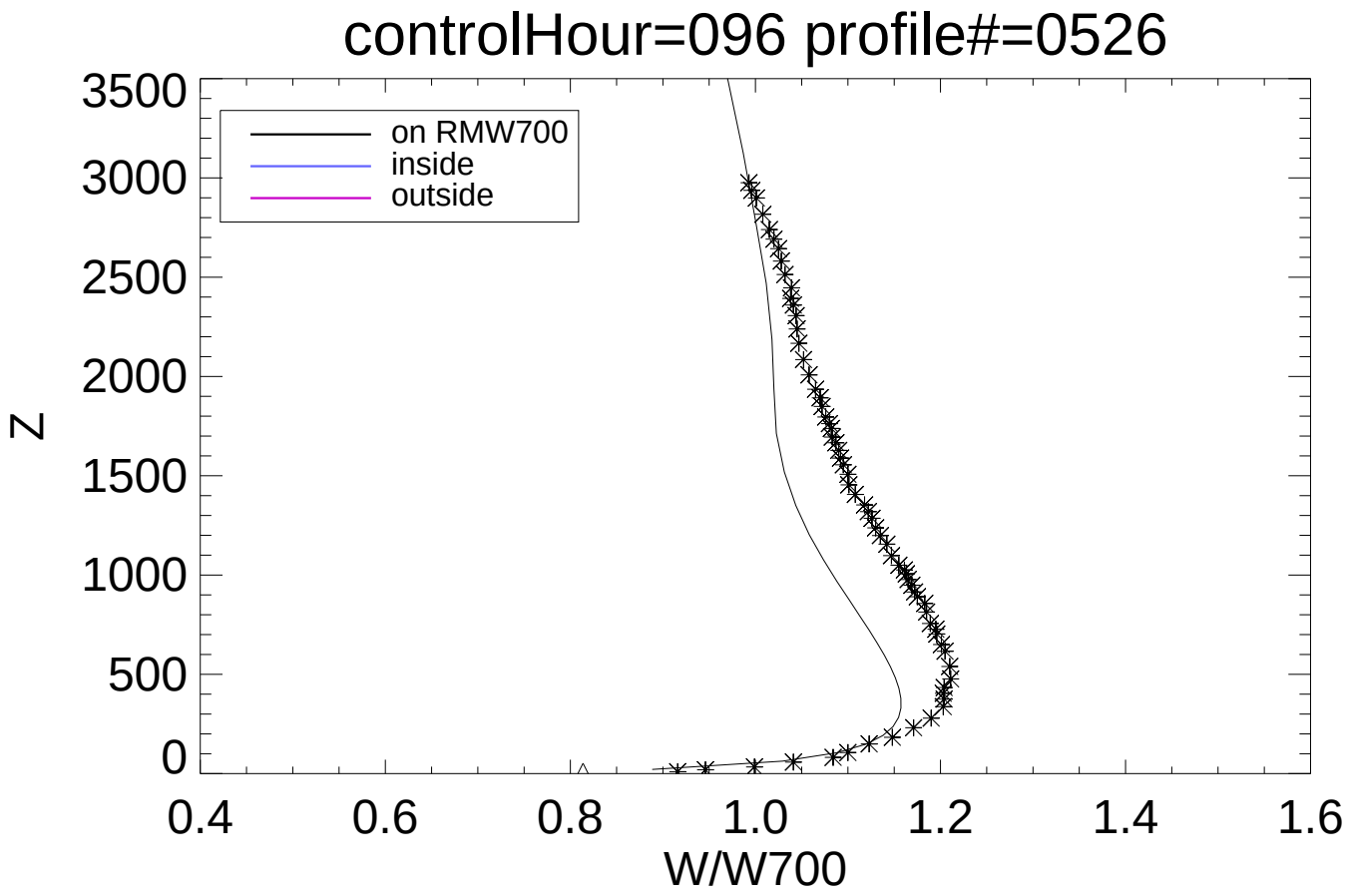

22.4
22.2
22.0
21.8
21.6
-74.6
-74.4
-74.2
-74.0
-73.8
M8
7
8
M10
M7

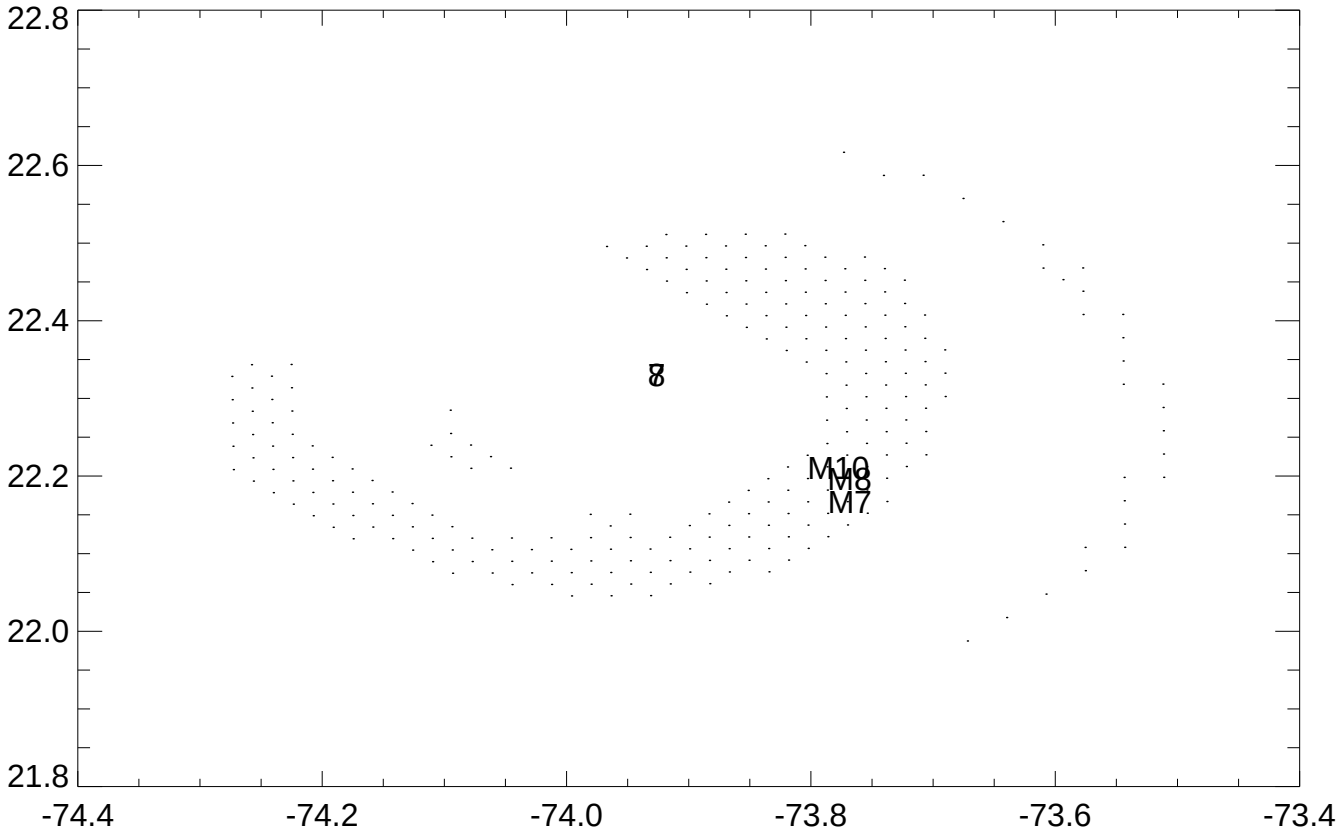

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

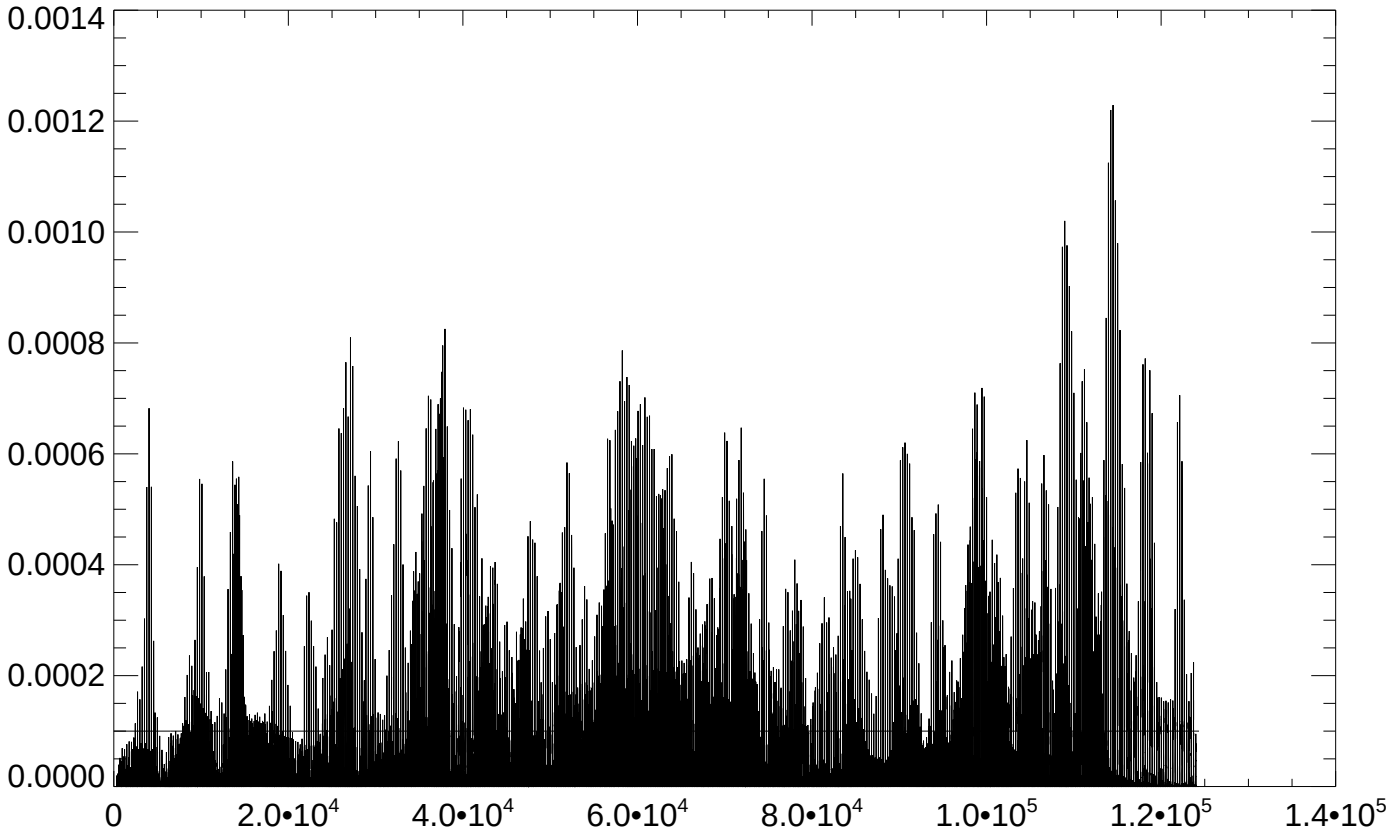

controlHour=093 profile#=0498
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

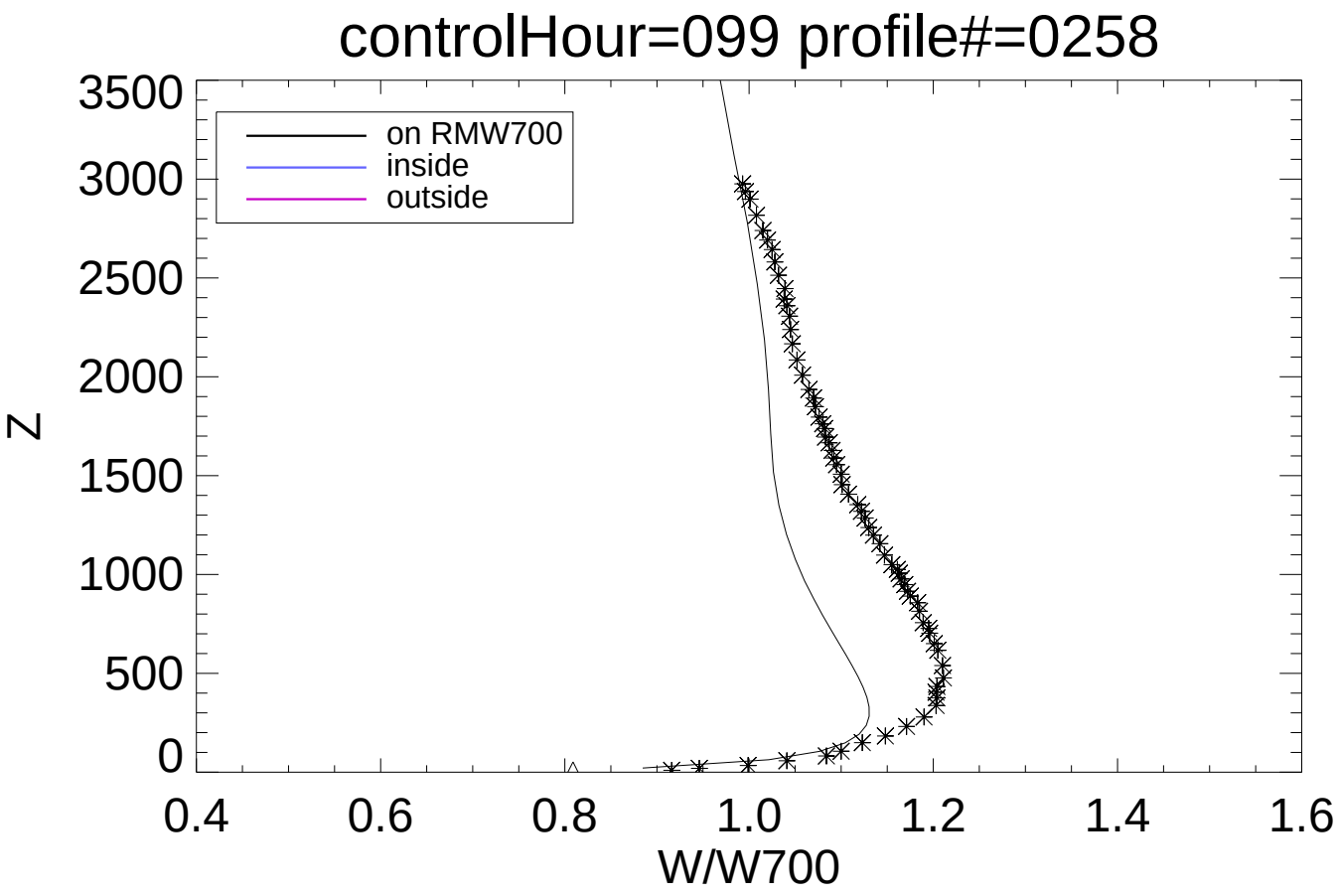

22.6
22.4
22.2
22.0
21.8
-74.6
-74.4
-74.2
-74.0
-73.8
-73.6
M8
M10
M7

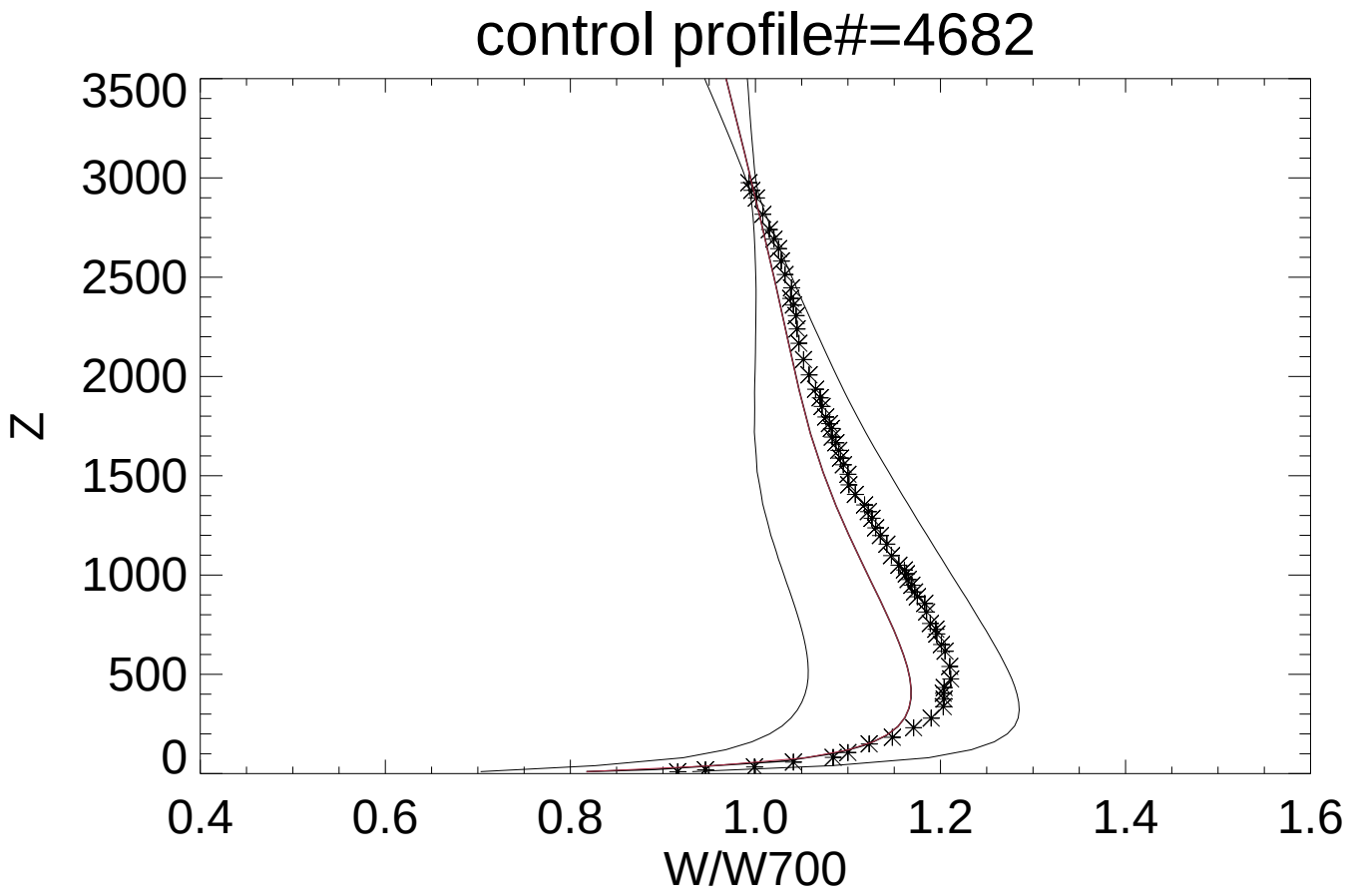

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

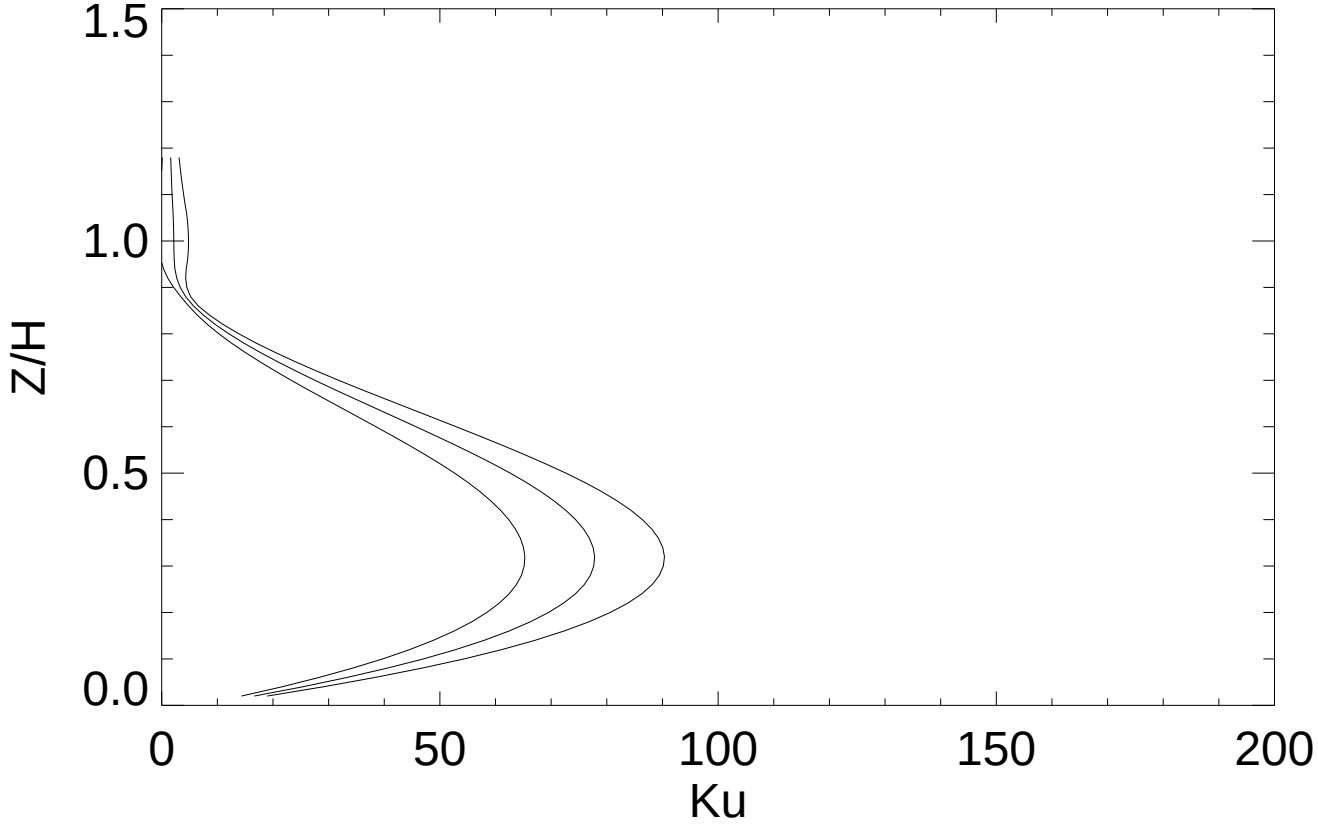

controlHour=096 profile#=0526
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700

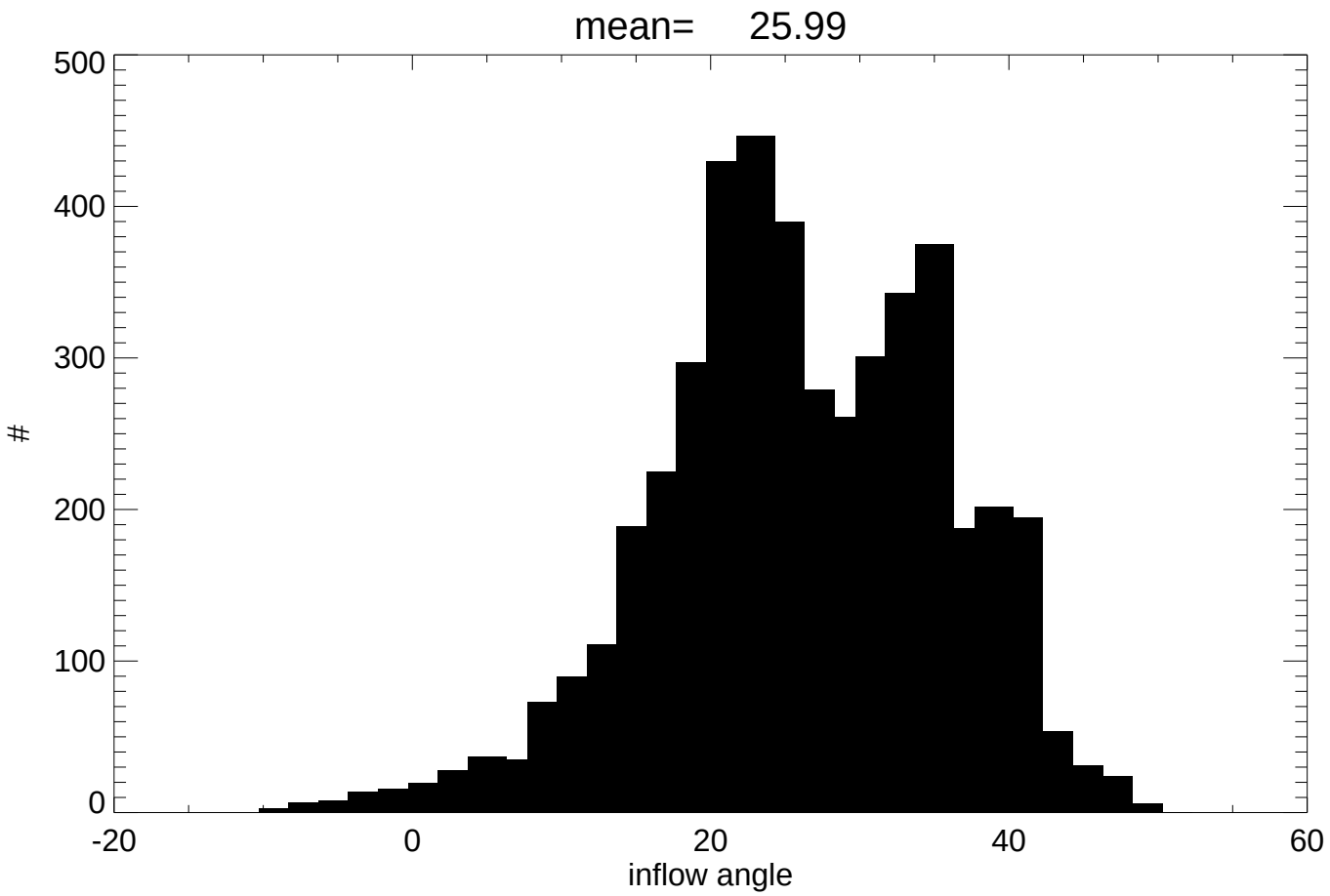

22.8
22.6
22.4
22.2
22.0
21.8
-74.4
-74.2
-74.0
-73.8
-73.6
-73.4
M10
M8
M7

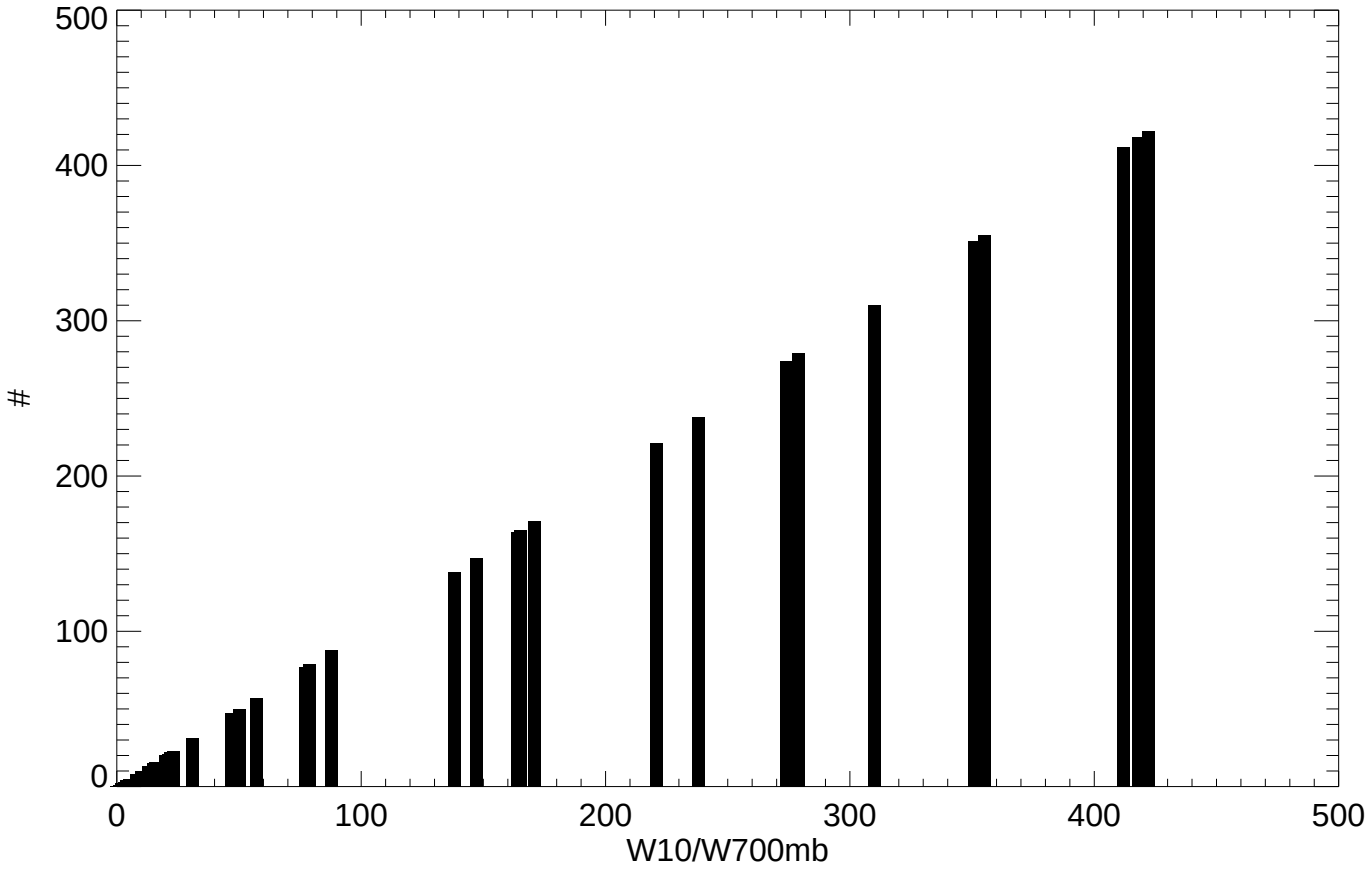

0.0014
0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5


controlHour=099 profile#=0258
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


control profile#=4682
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= 25.99
500
400
300
200
100
0
#
-20
0
20
40
60
inflow angle


500
400
300
200
100
0
#
0
100
200
300
400
500
W10/W700mb