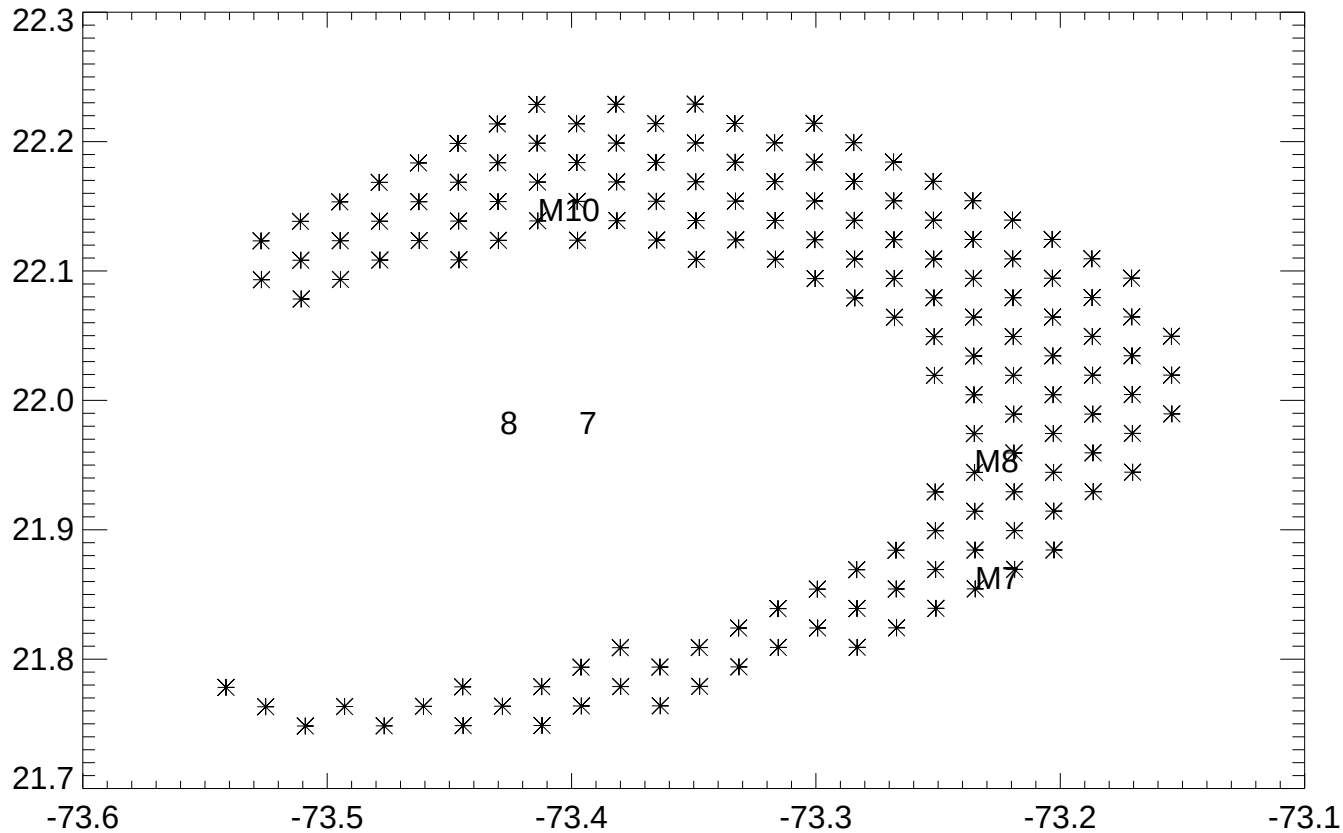
22.3
22.2
22.1
22.0
21.9
21.8
21.7
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-73.5
-73.4
-73.3
-73.2
-73.1
M10
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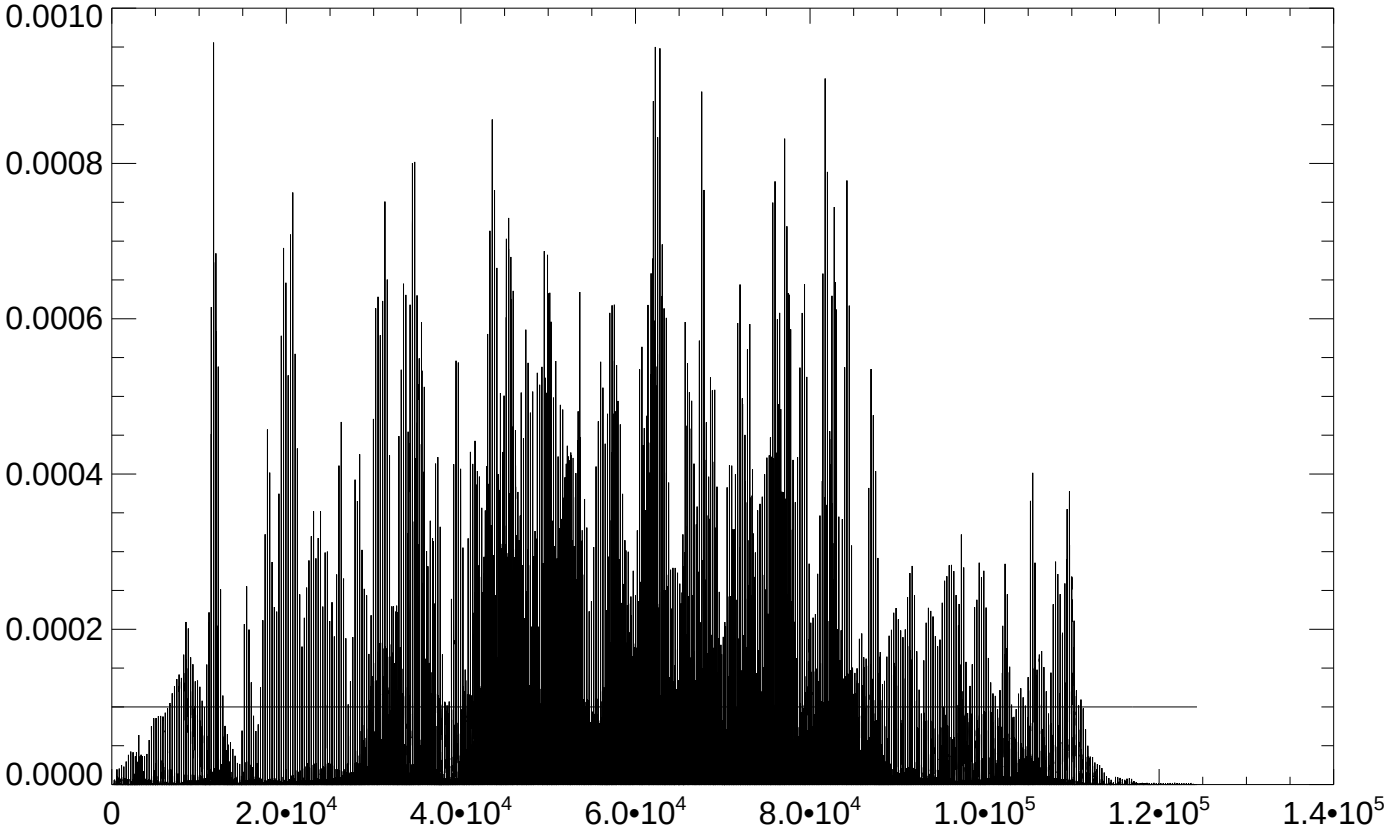
7
M8
M7


0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
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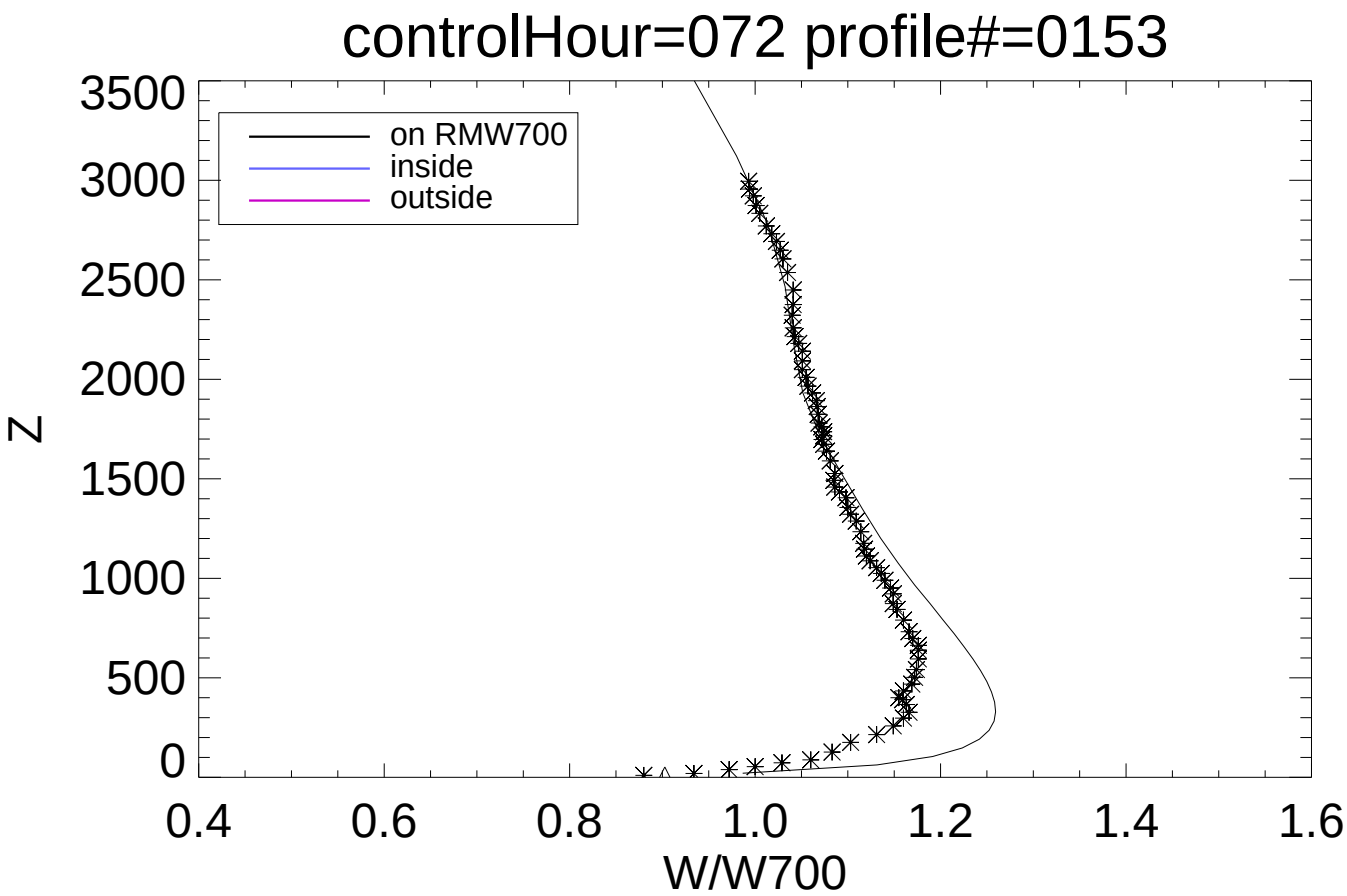
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5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on RMW700
inside
outside
Z
W/W700
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3000
2500
2000
1500
1000
500
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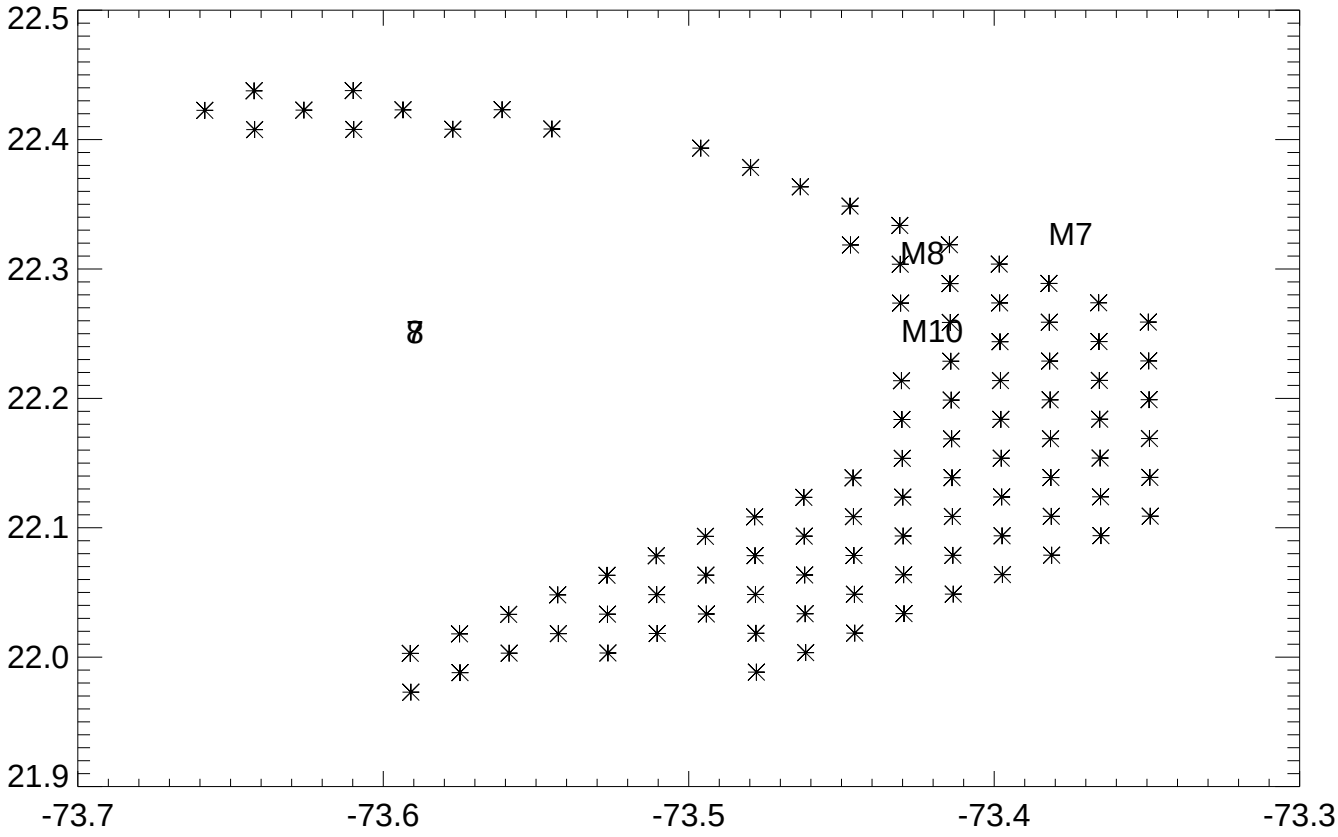
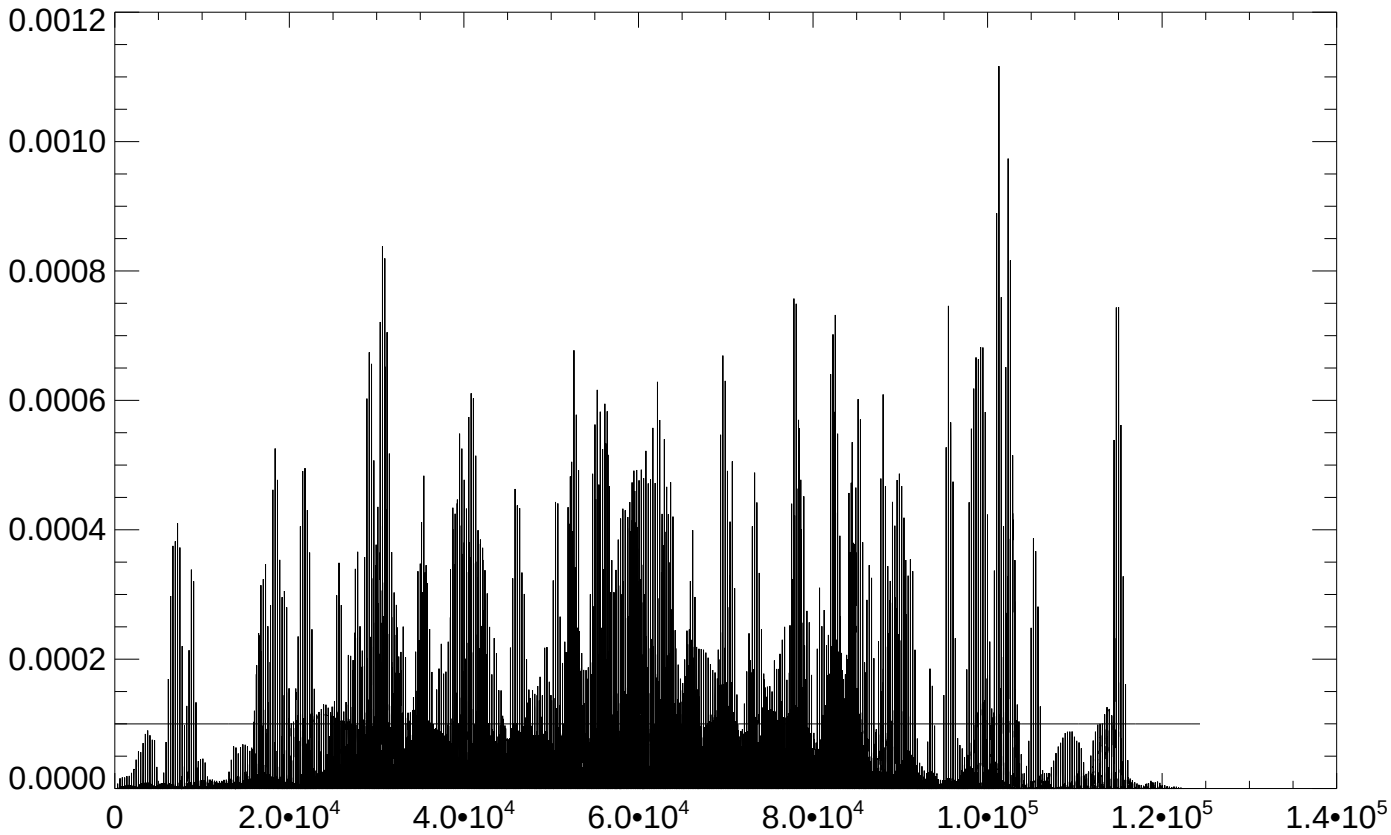
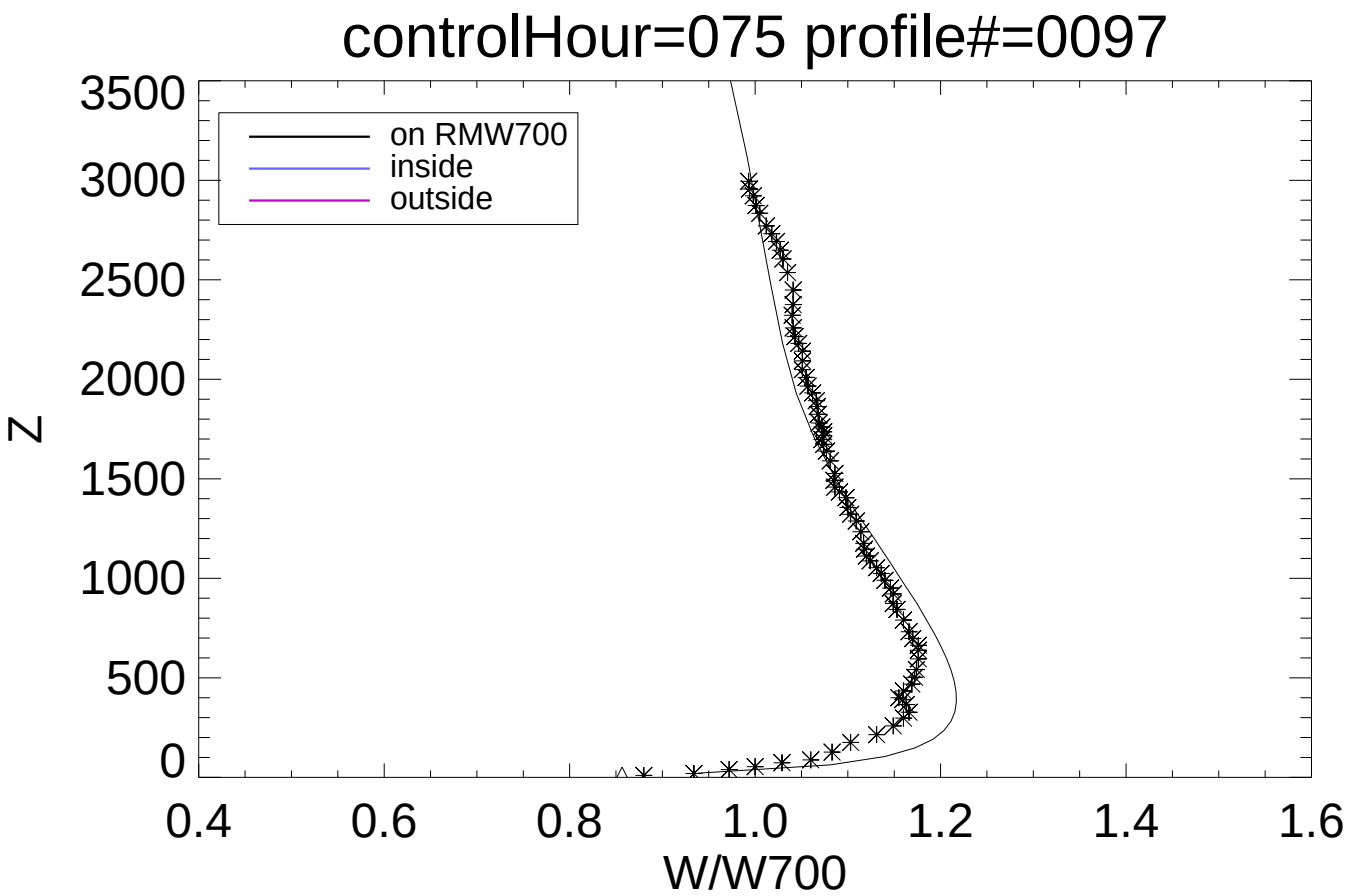
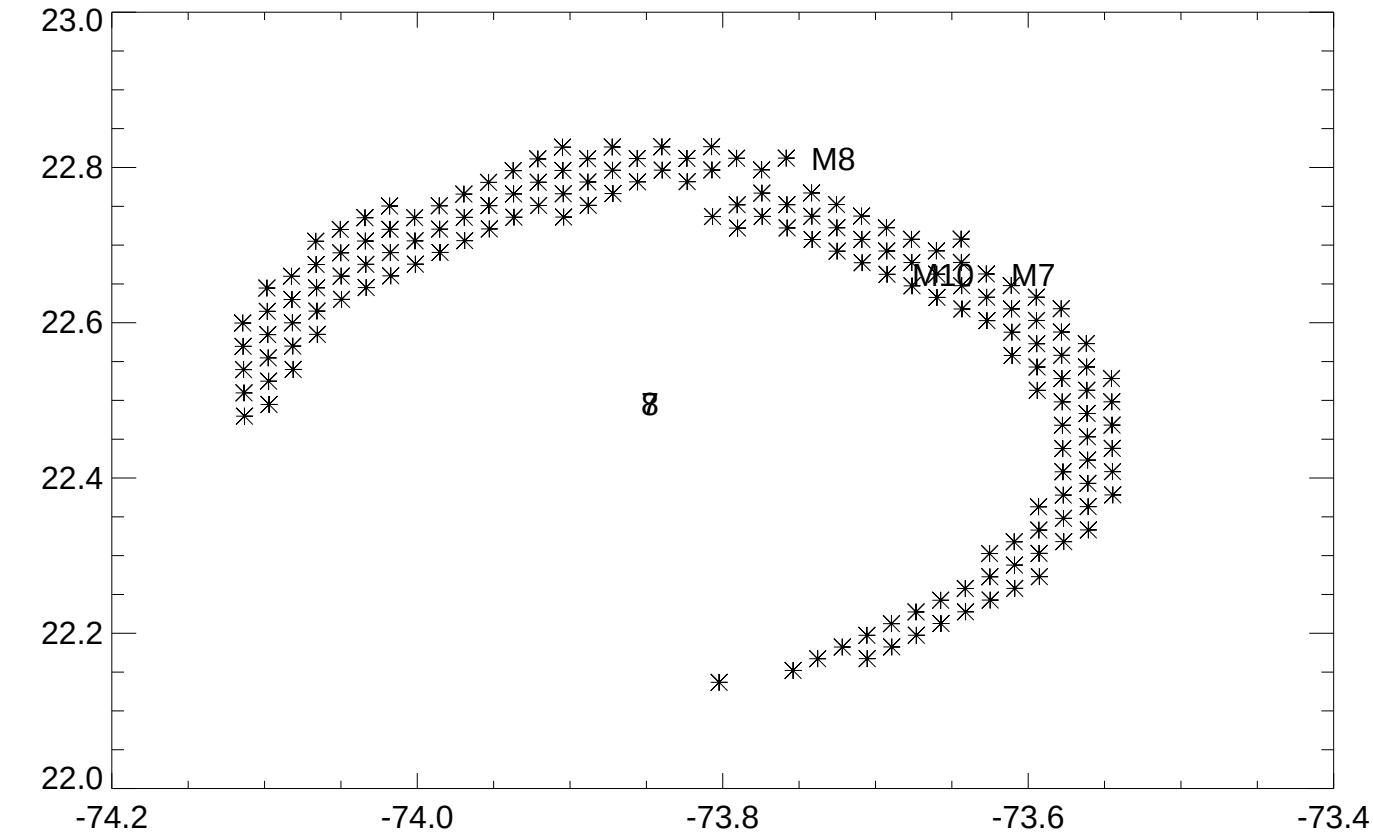
0.6
0.8
1.0
1.2
1.4
1.6


M7
M8
M10
22.5
22.4
22.3
22.2
22.1
22.0
21.9
-73.7
-73.6
-73.5
-73.4
-73.3


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#=0097
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
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22.0
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-74.0
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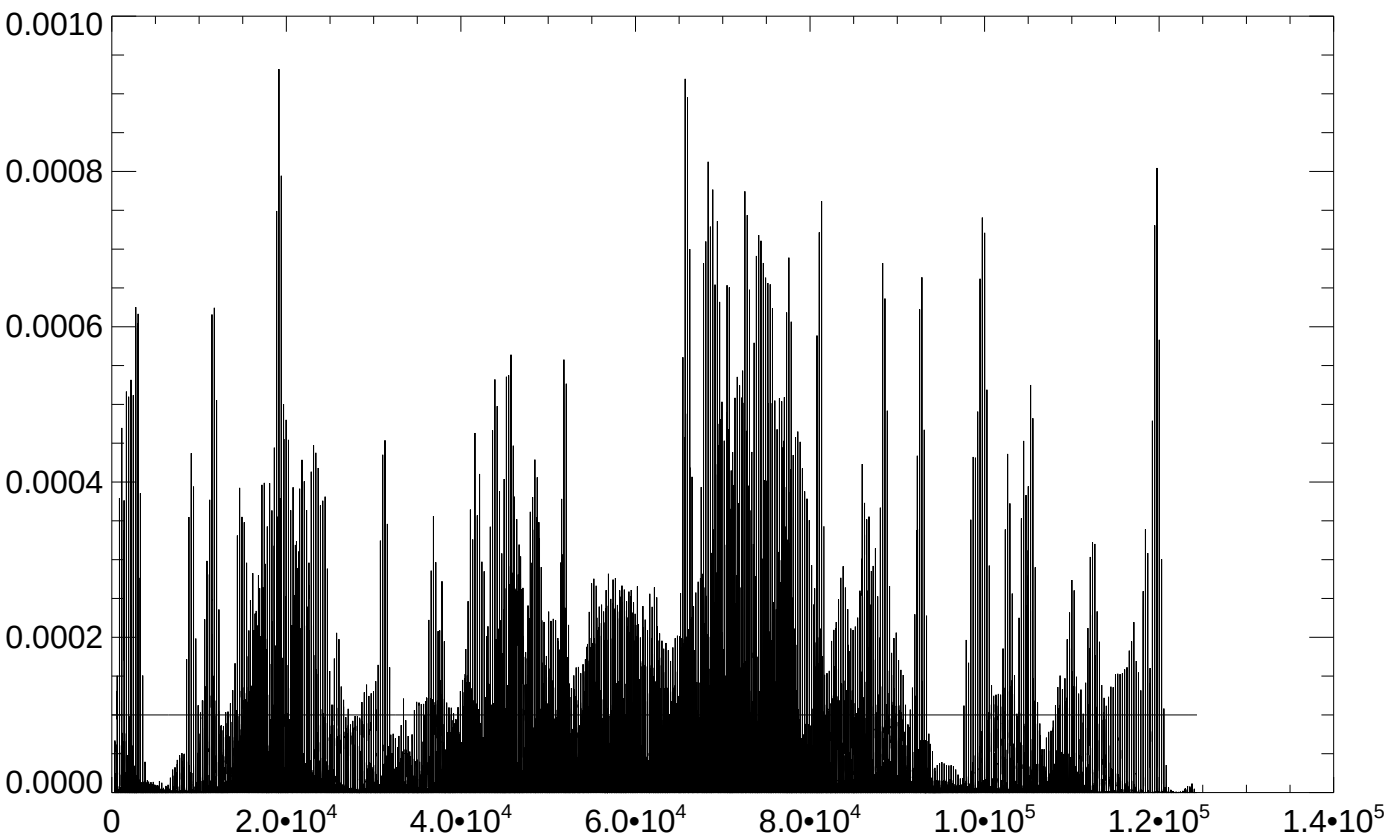
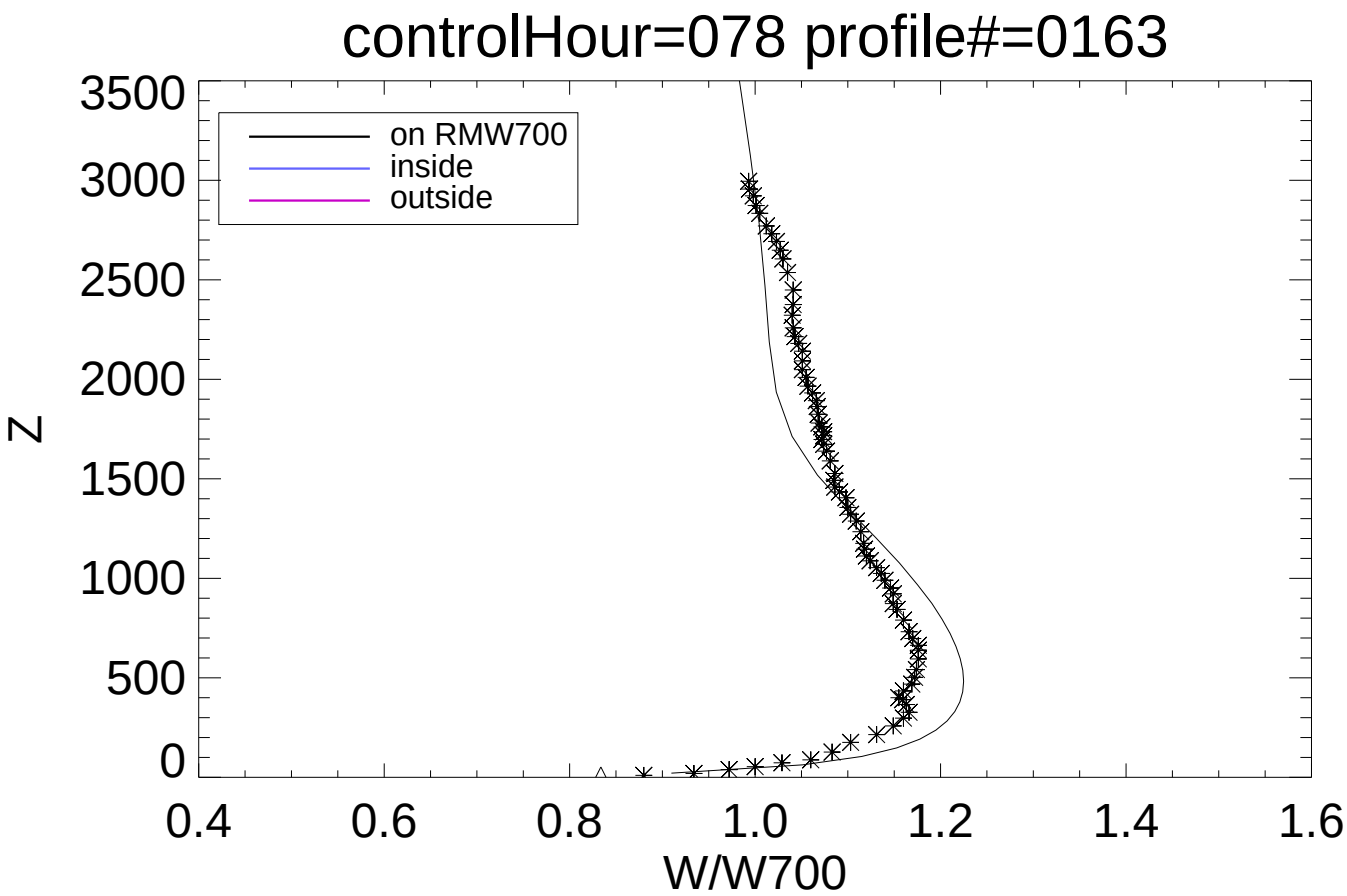
-73.6
-73.4
M8
M10
M7


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#=0163
on RMW700
inside
outside
Z
W/W700
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3000
2500
2000
1500
1000
500
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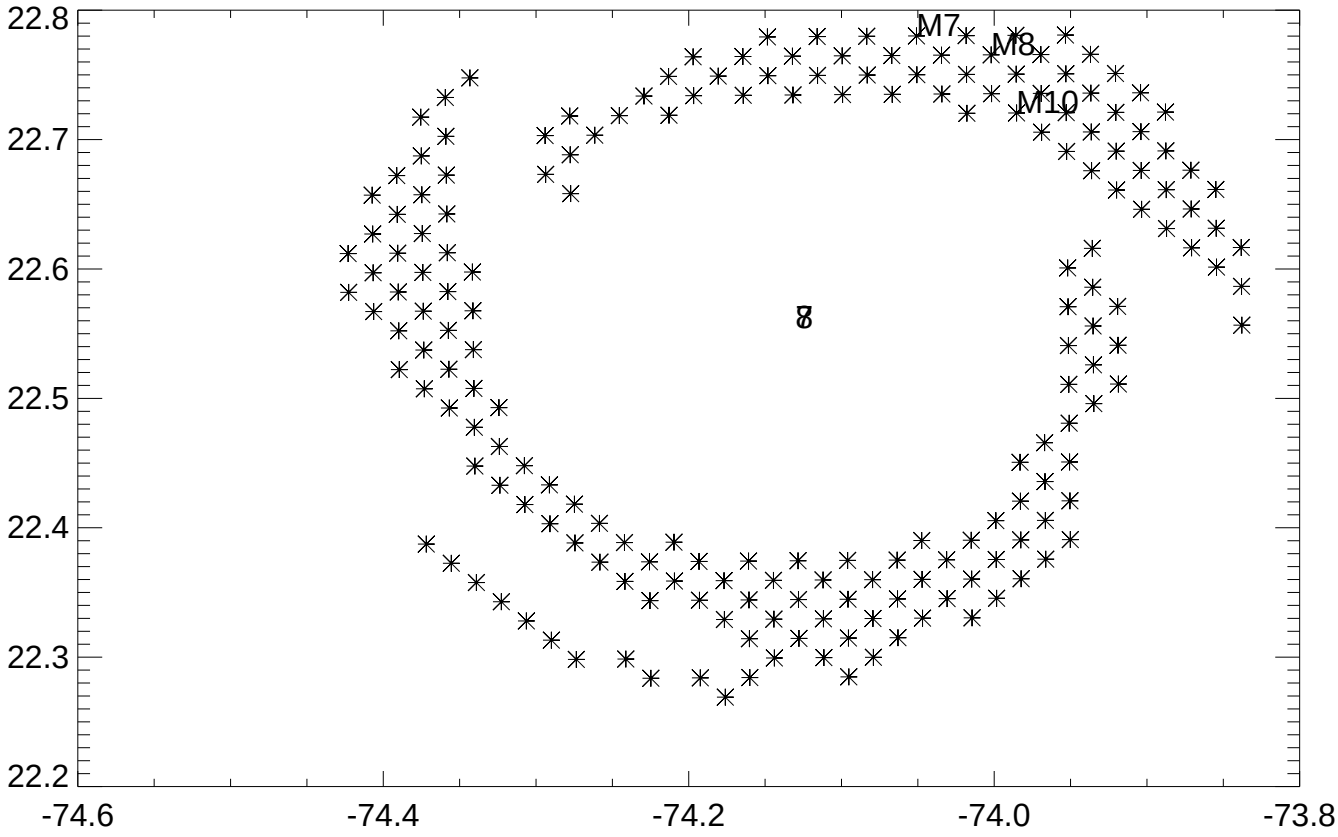
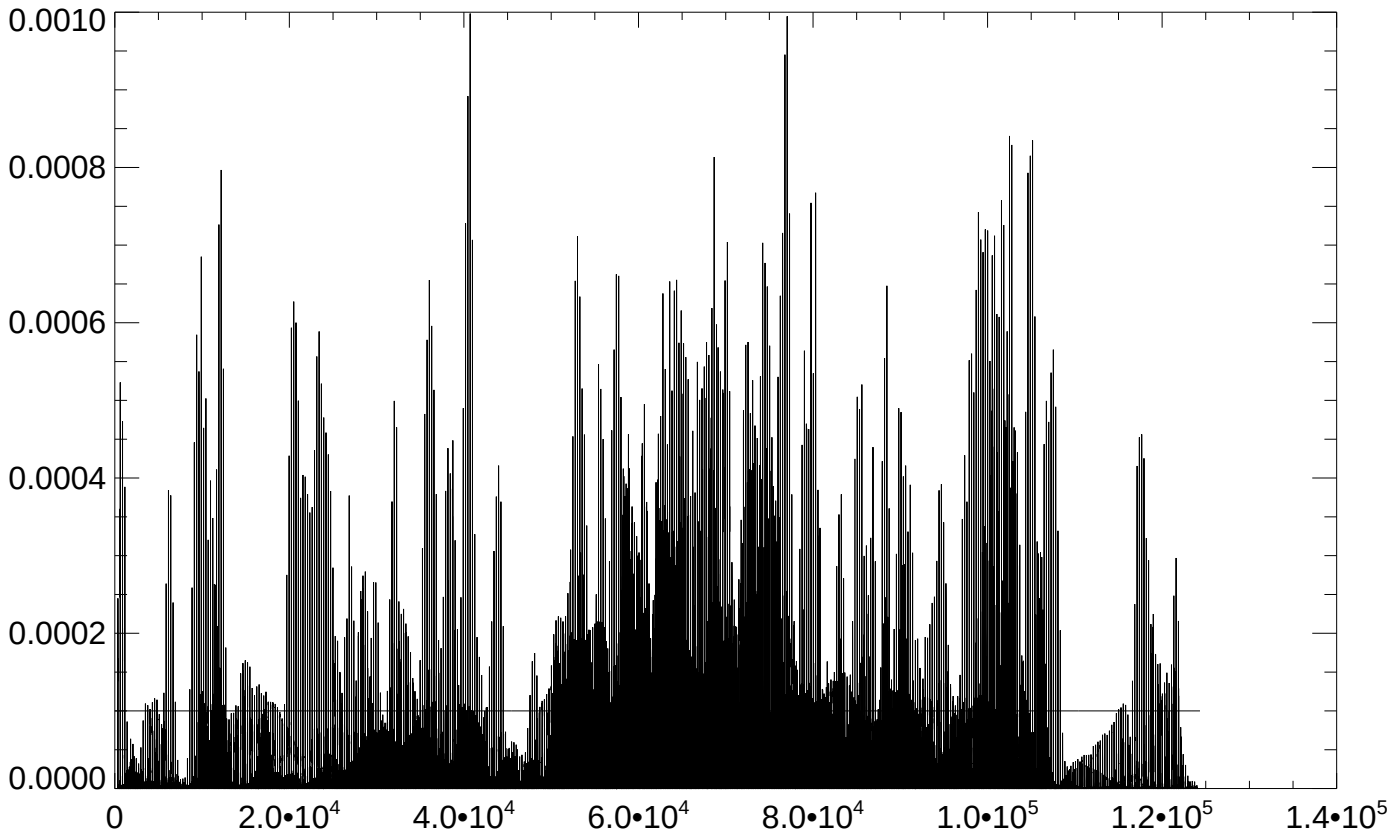
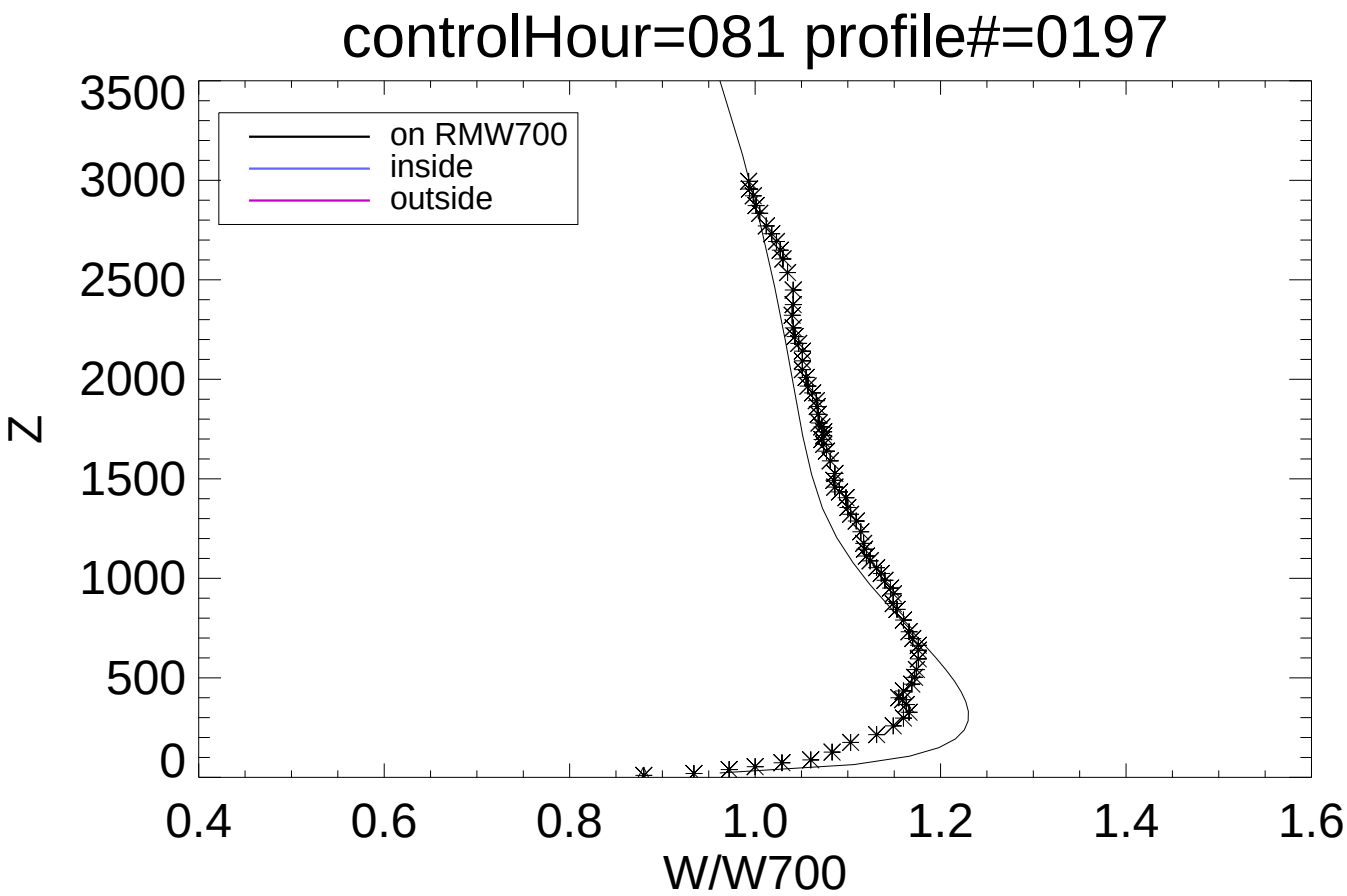
0.6
0.8
1.0
1.2
1.4
1.6


M7
M8
M10
22.8
22.7
22.6
22.5
22.4
22.3
22.2
-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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on RMW700
inside
outside
Z
3500
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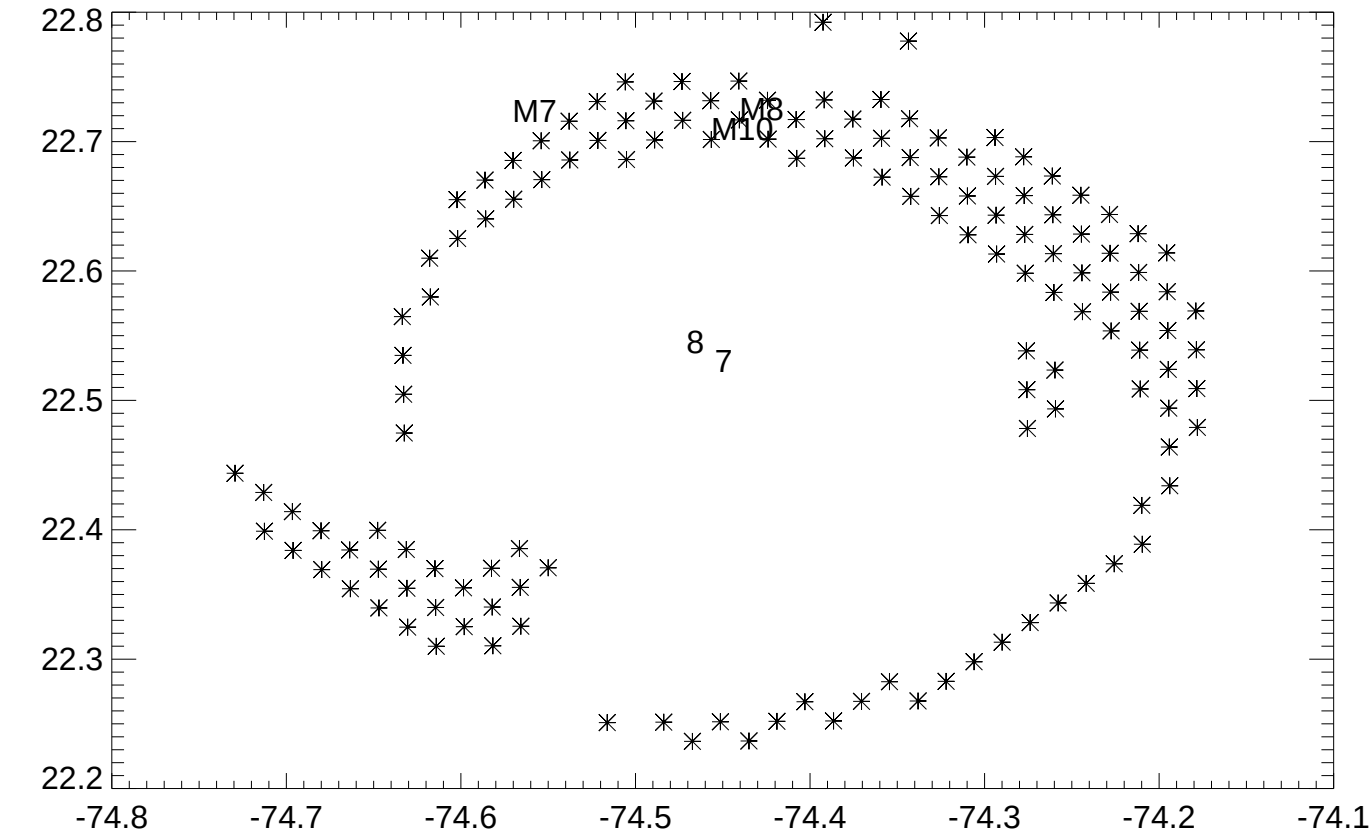
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700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22.7
22.6
22.5
22.4
22.3
22.2
-74.8
-74.7
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-74.5
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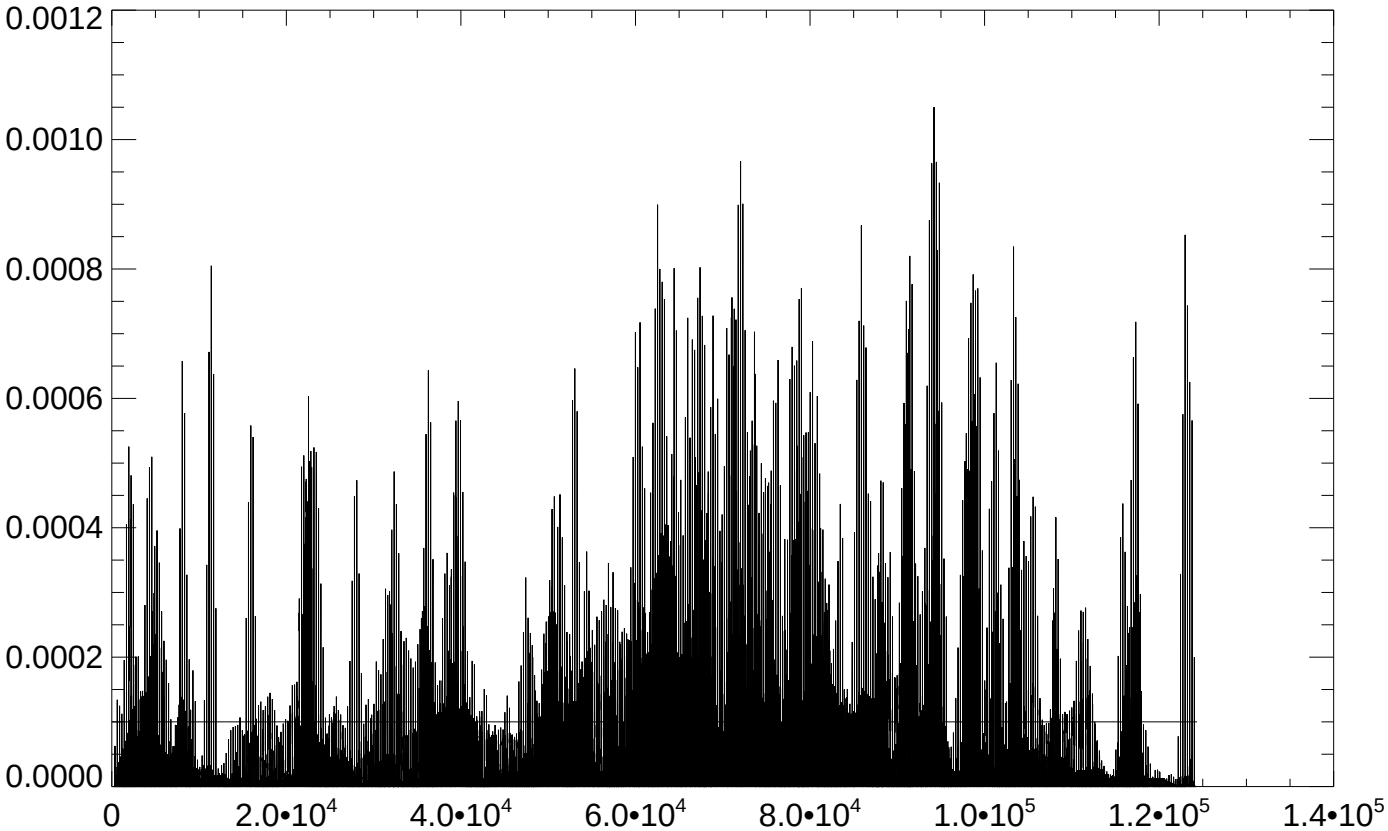
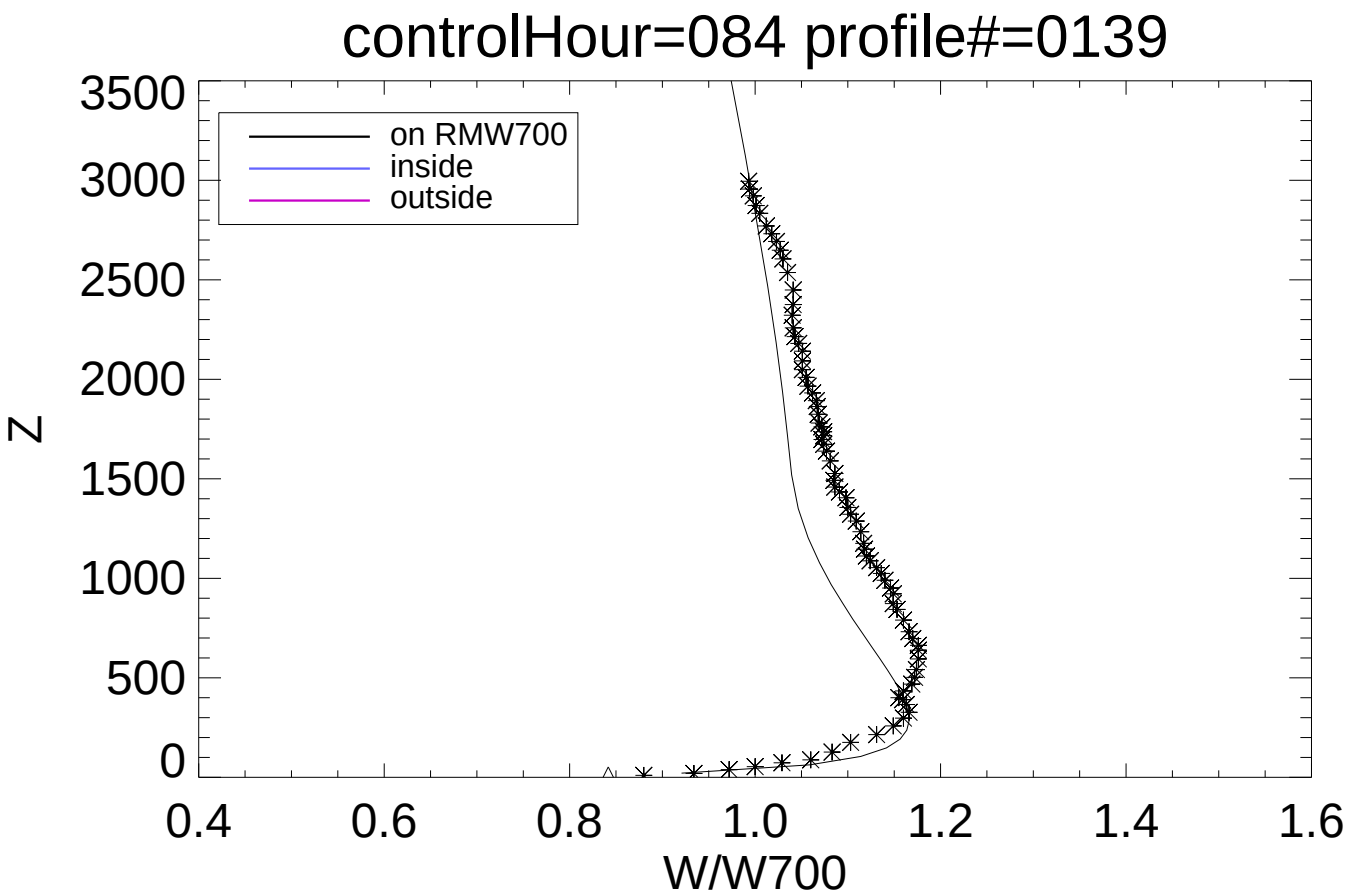
M7
M8
M10
8
7


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#=0139
on RMW700
inside
outside
Z
W/W700
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3000
2500
2000
1500
1000
500
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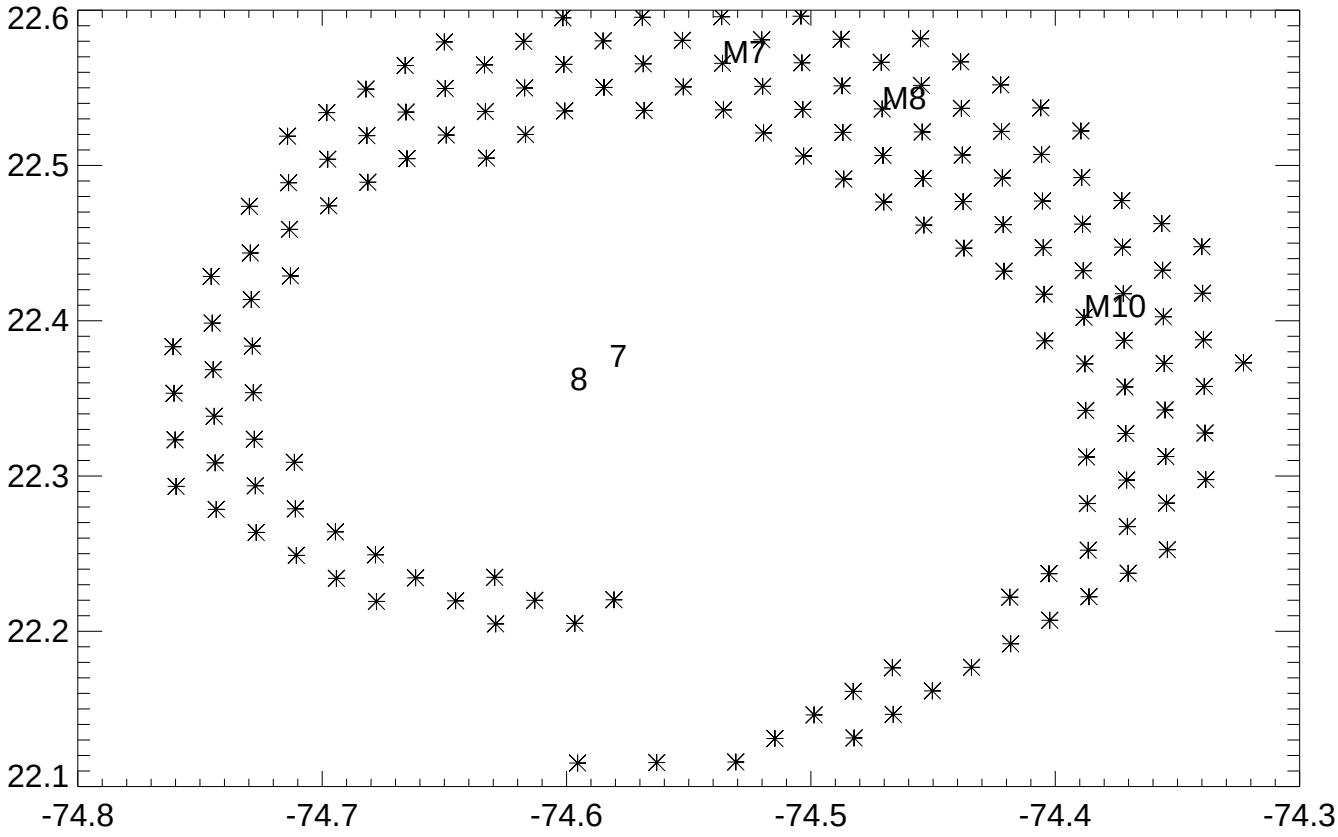
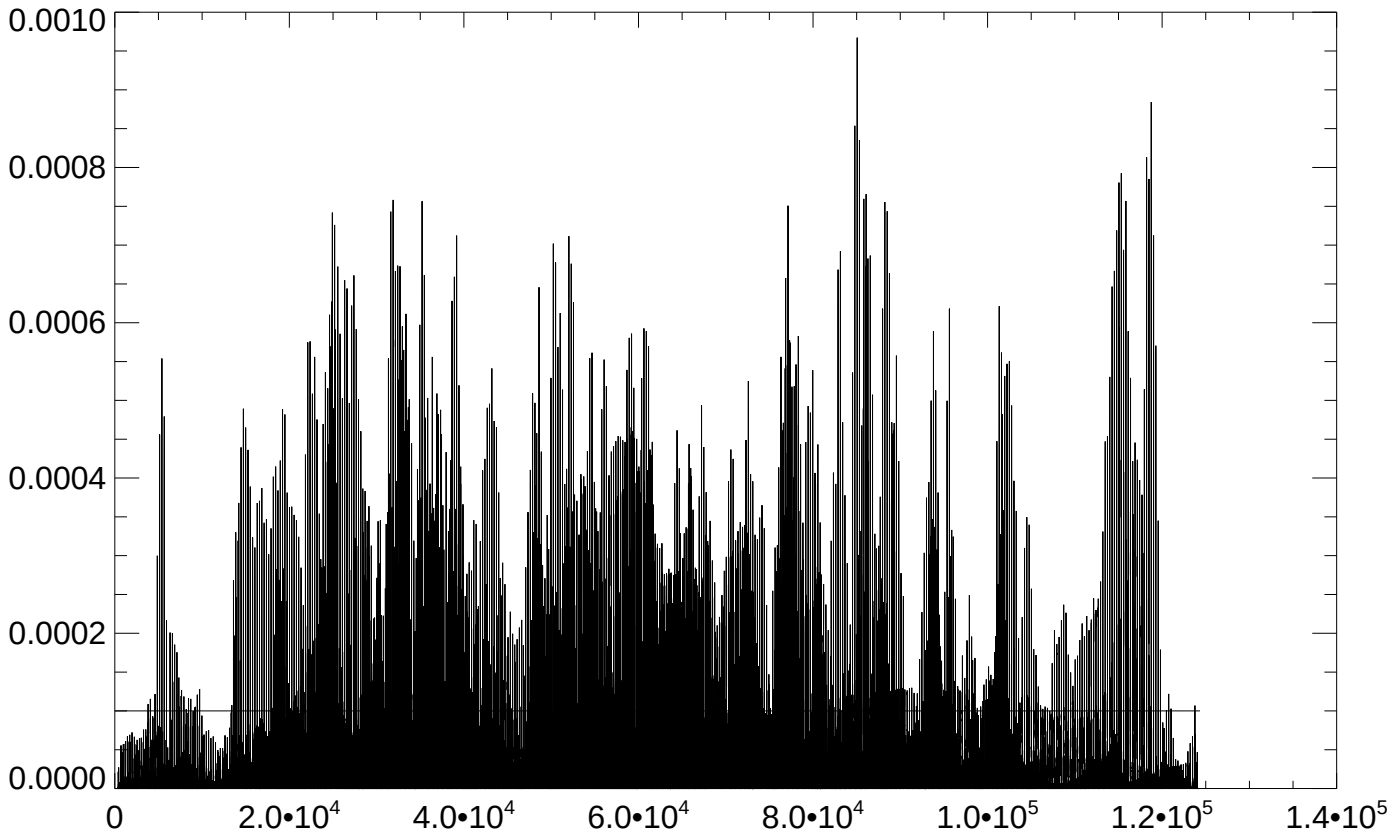
0.6
0.8
1.0
1.2
1.4
1.6


M7
M8
M10
7
8
22.6
22.5
22.4
22.3
22.2
22.1
-74.8
-74.7
-74.6
-74.5
-74.4
-74.3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0.0008
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0.0004
0.0002
0.0000
0
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4.0•10^4
6.0•10^4
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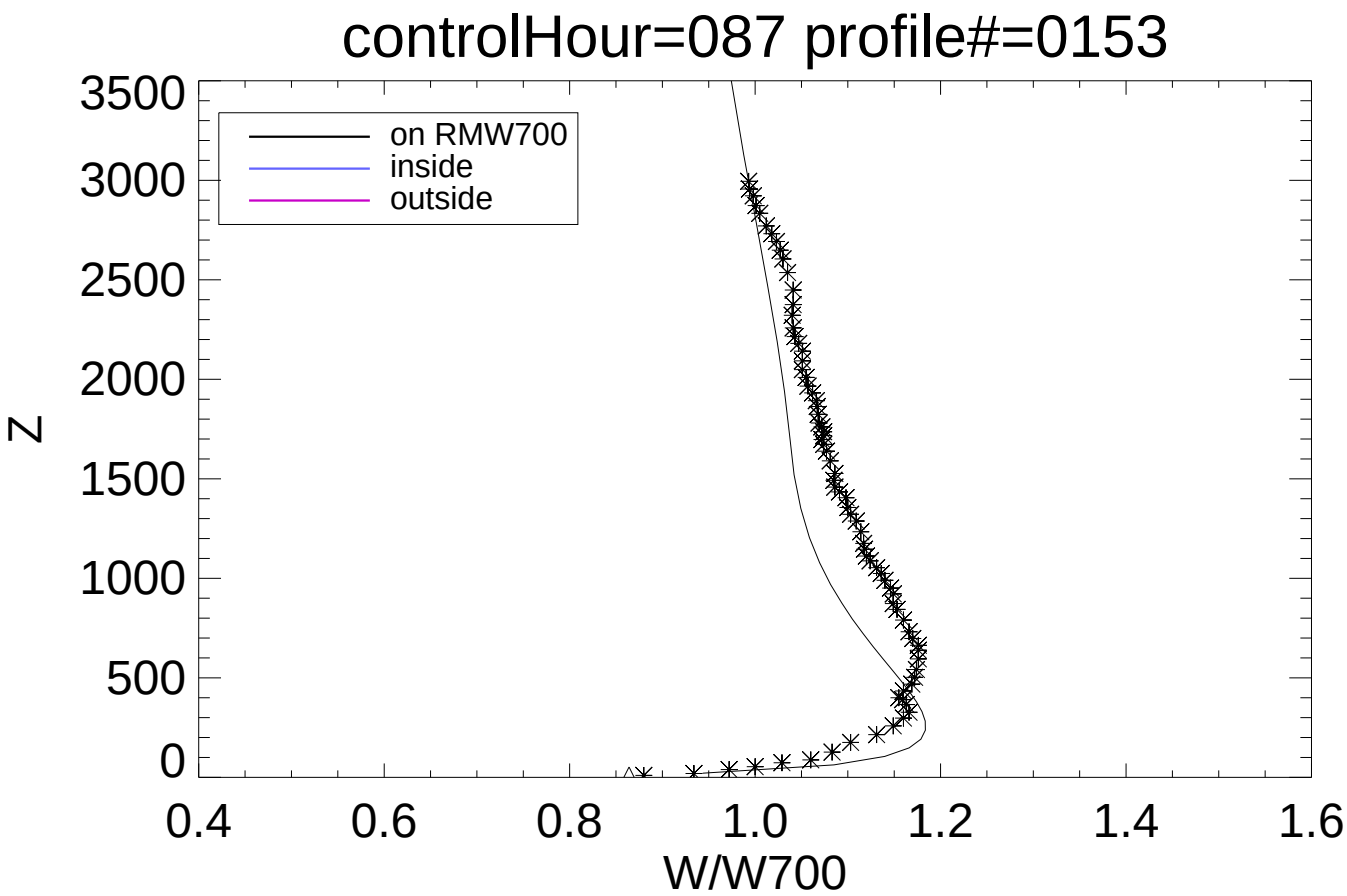
1.2•10^5
1.4•10^5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on RMW700
inside
outside
Z
3500
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2500
2000
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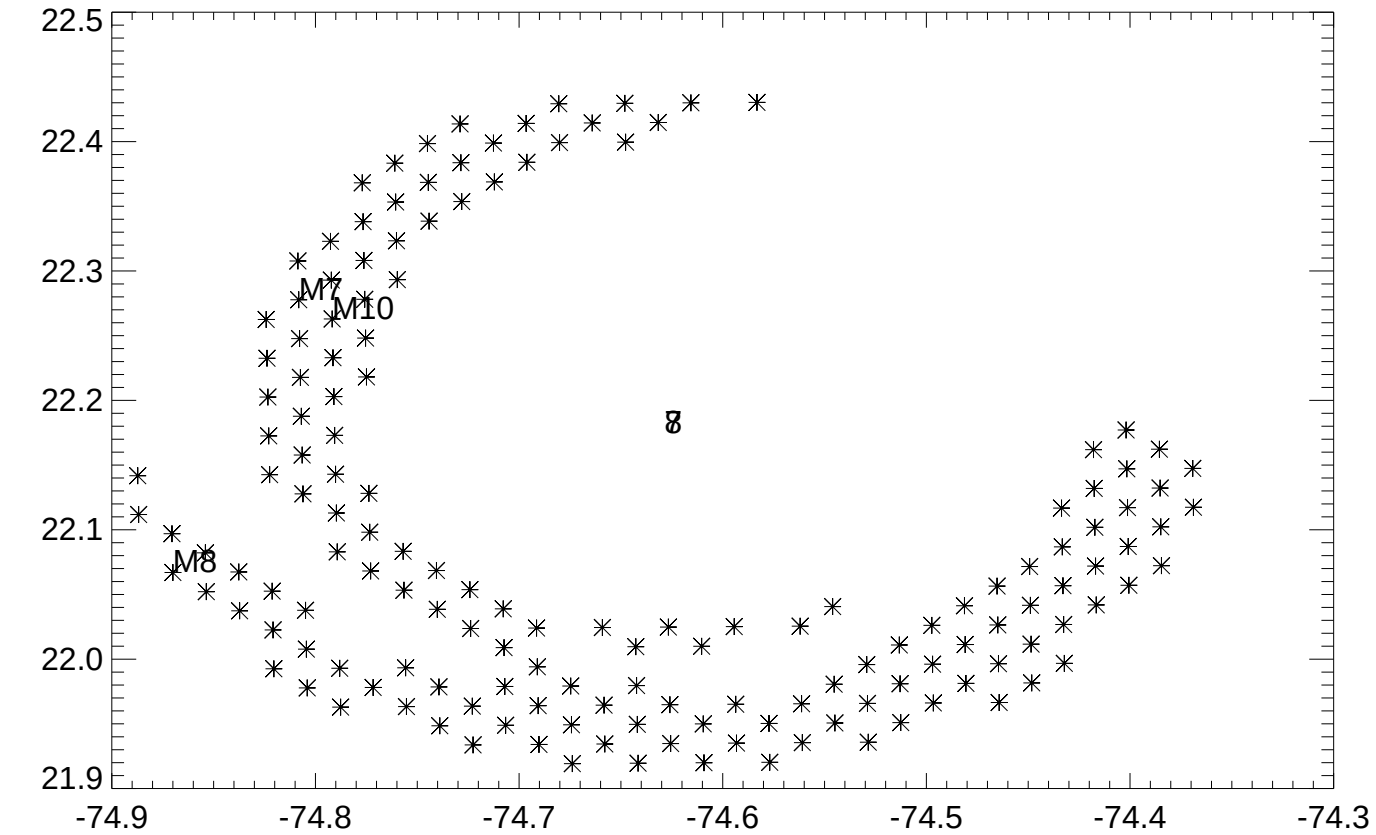
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700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22.4
22.3
22.2
22.1
22.0
21.9
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-74.8
-74.7
-74.6
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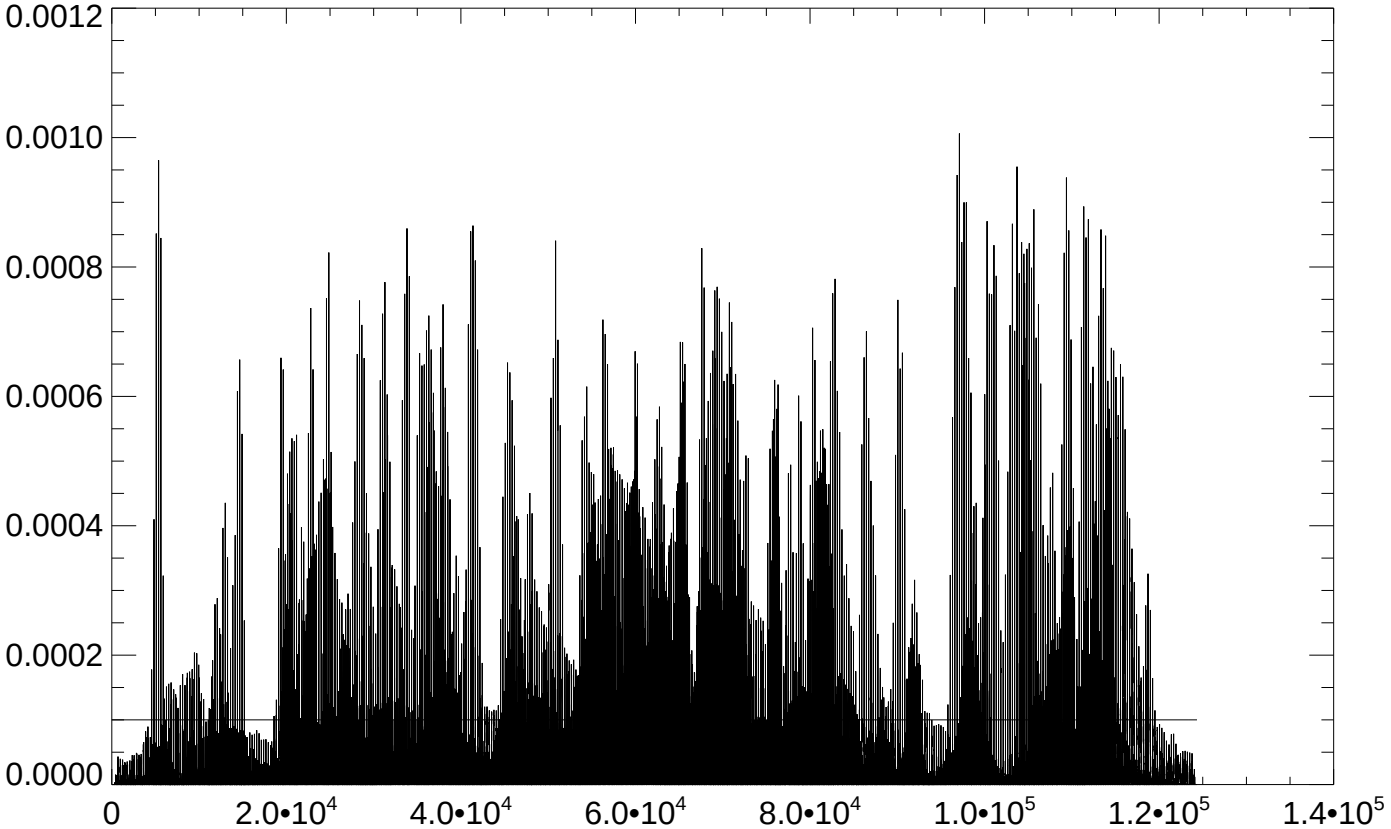
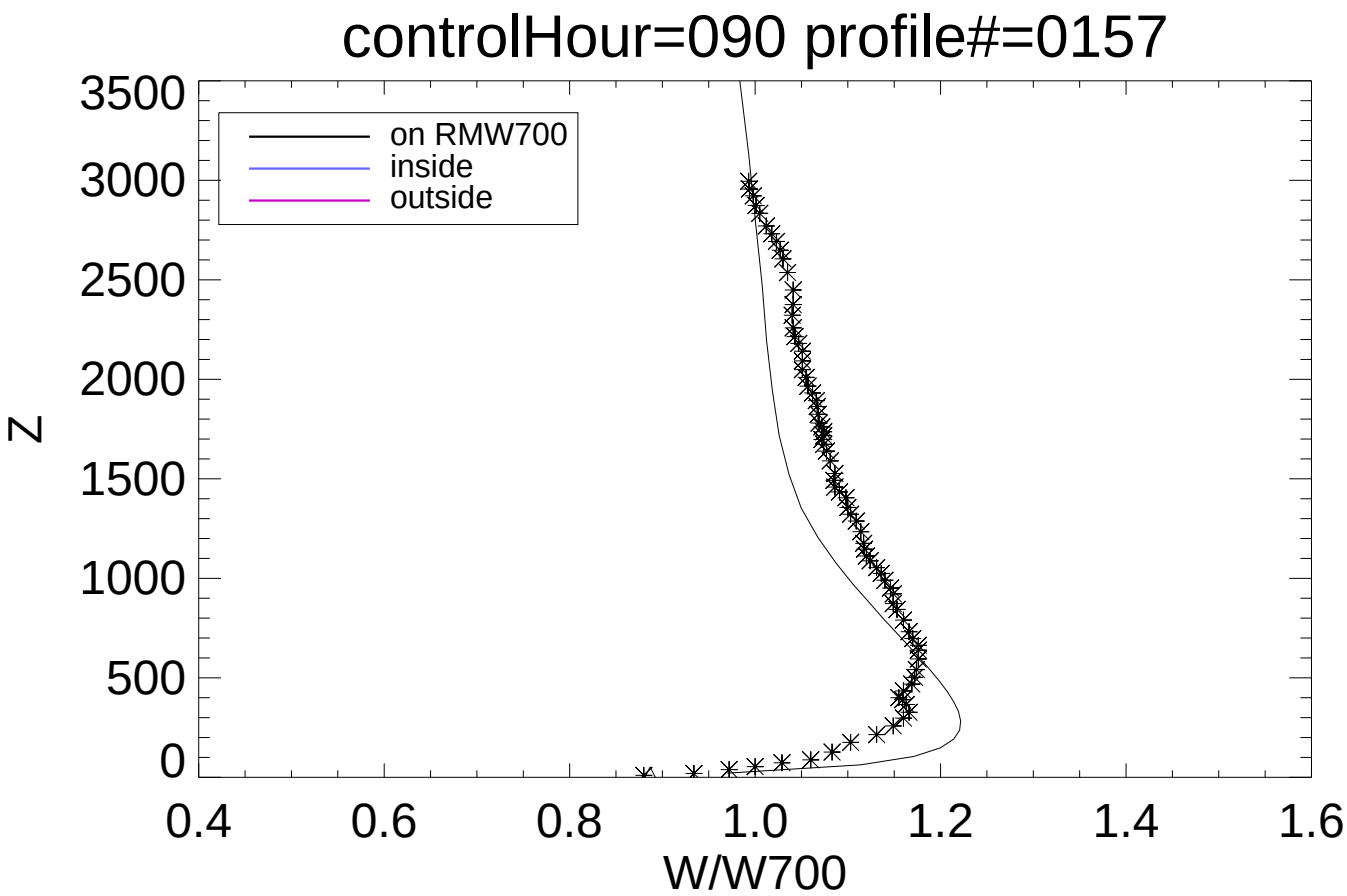
-74.4
-74.3
M7
M10
M8


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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on RMW700
inside
outside
Z
W/W700
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2000
1500
1000
500
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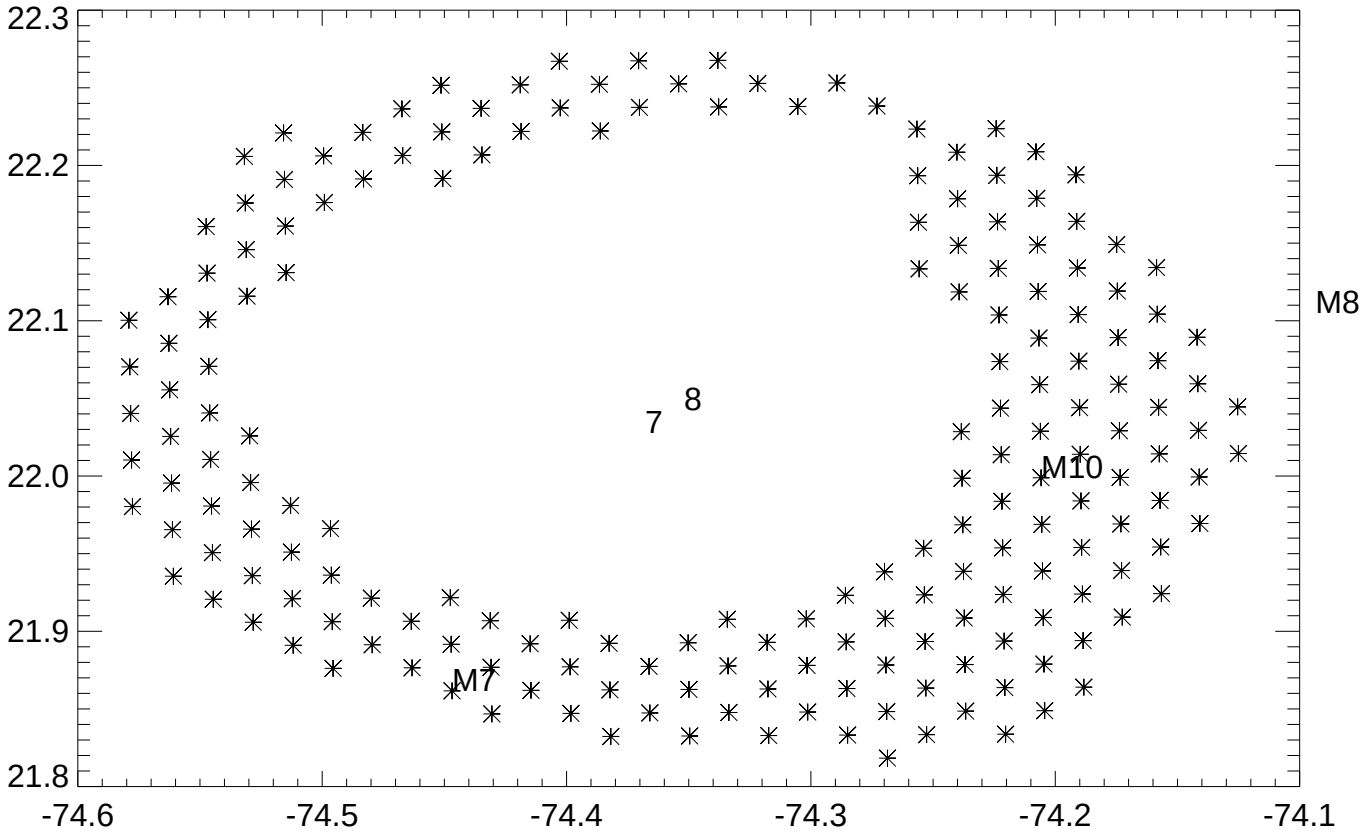
0.6
0.8
1.0
1.2
1.4
1.6


22.3
22.2
22.1
22.0
21.9
21.8
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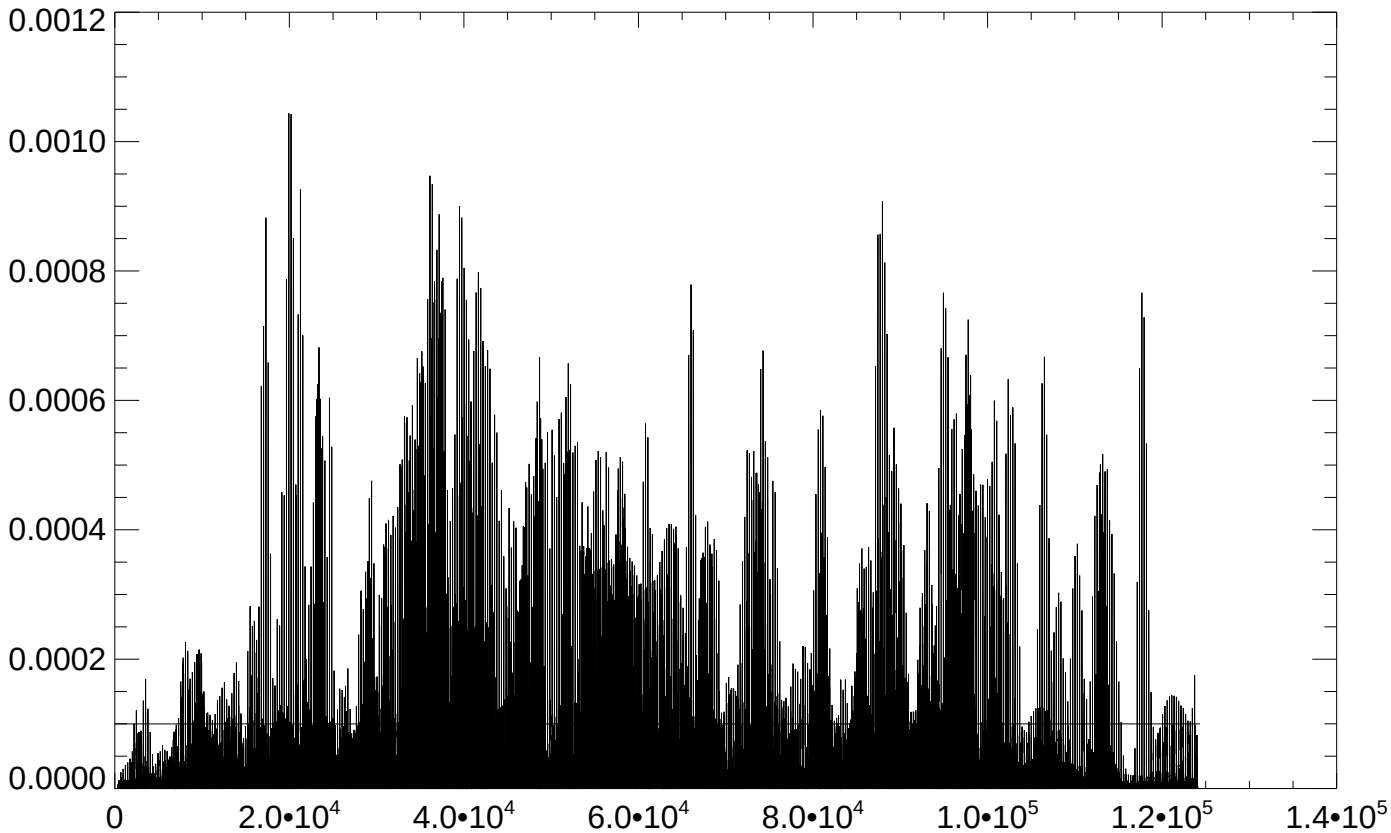
-74.5
-74.4
-74.3
-74.2
-74.1
M8
8
7
M10
M7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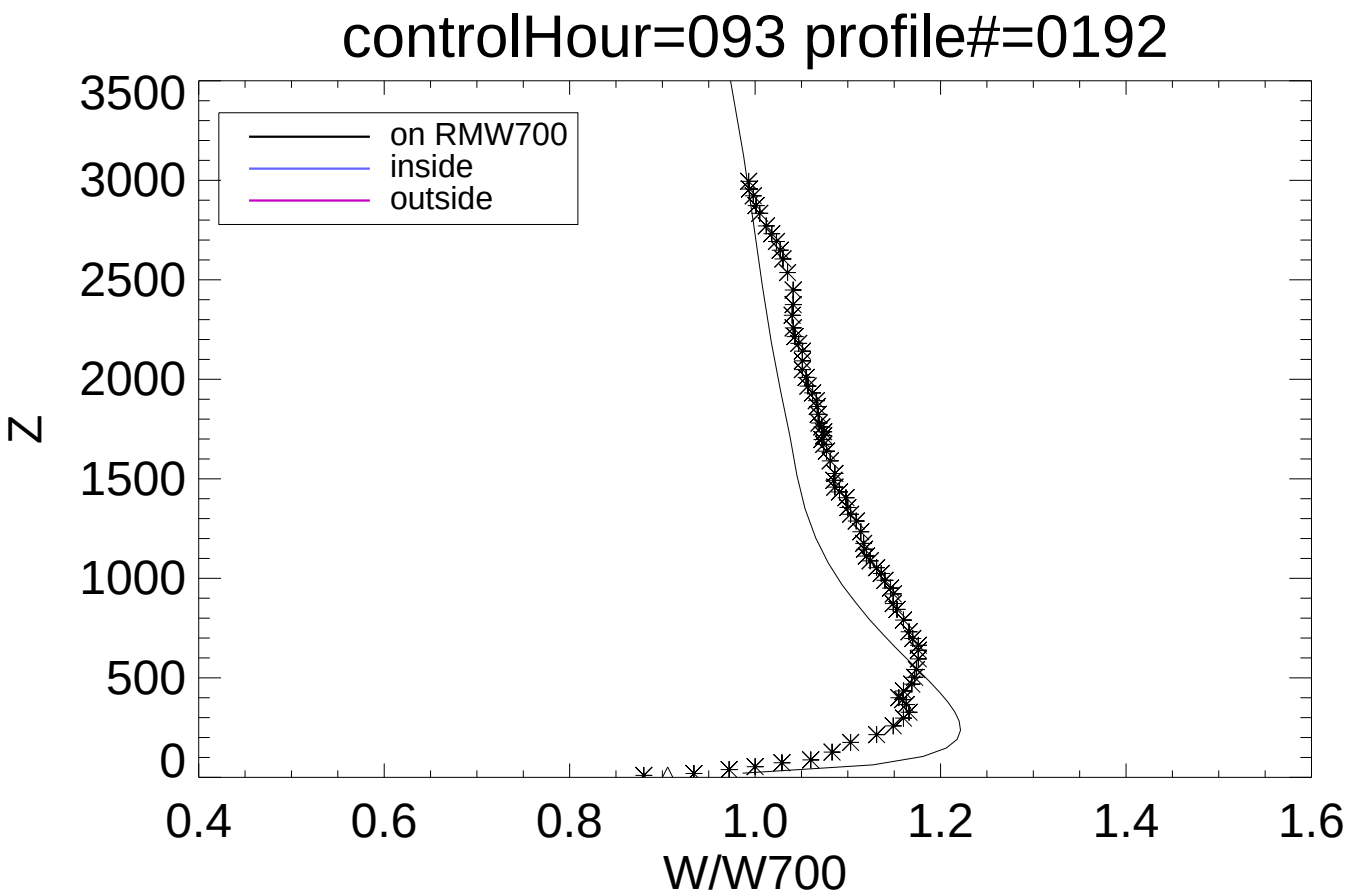
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5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on RMW700
inside
outside
3500
3000
2500
2000
1500
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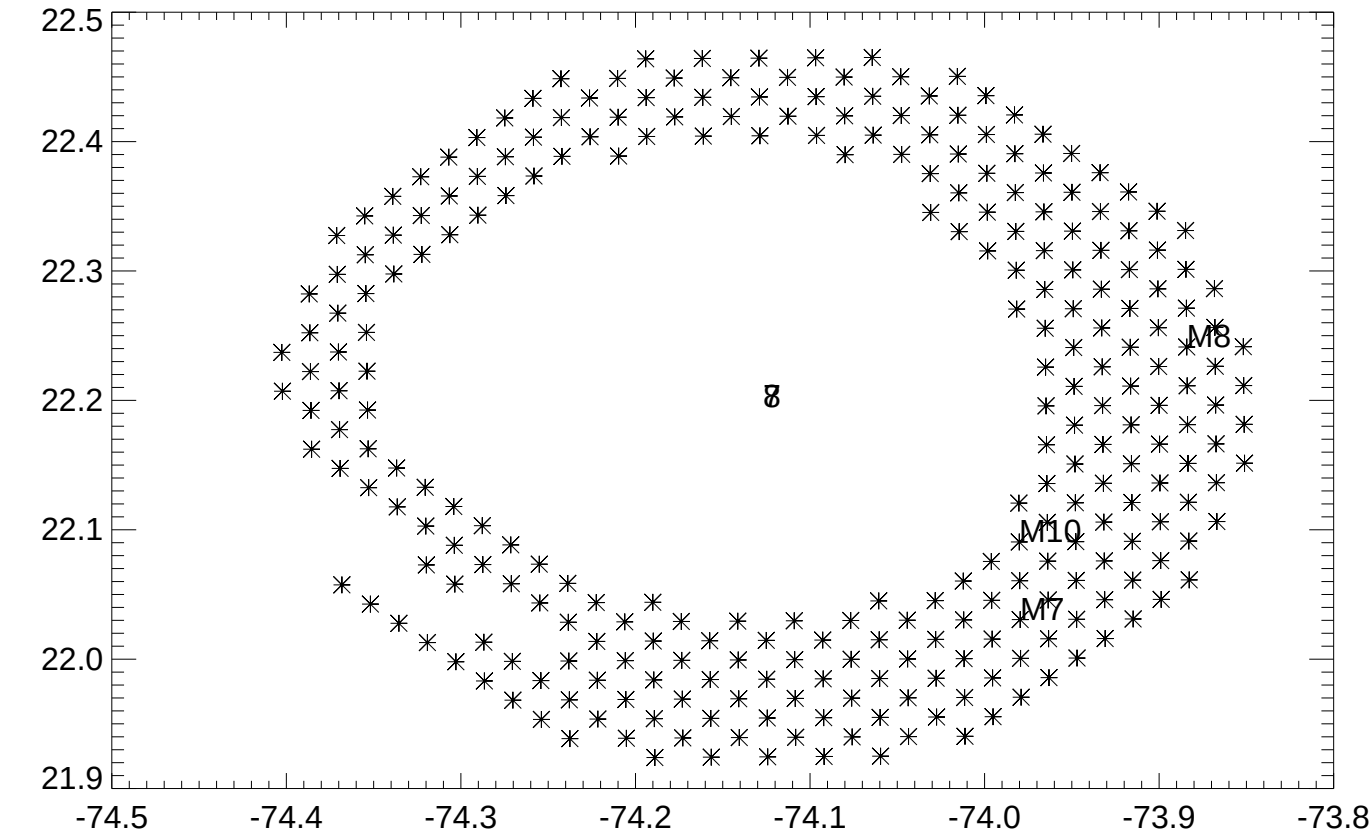
500
0
Z
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700


22.5
22.4
22.3
22.2
22.1
22.0
21.9
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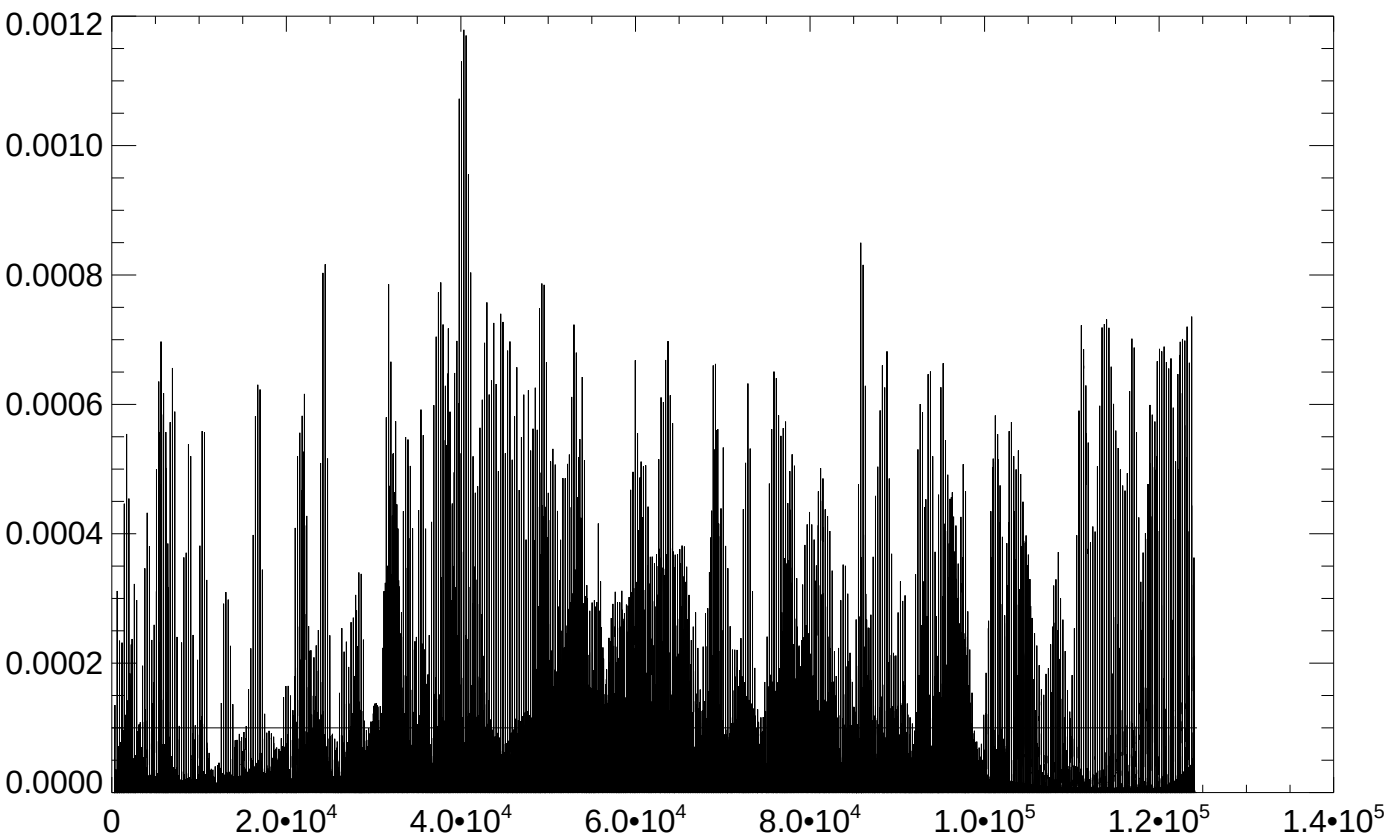
-74.4
-74.3
-74.2
-74.1
-74.0
-73.9
-73.8
M8
M10
M7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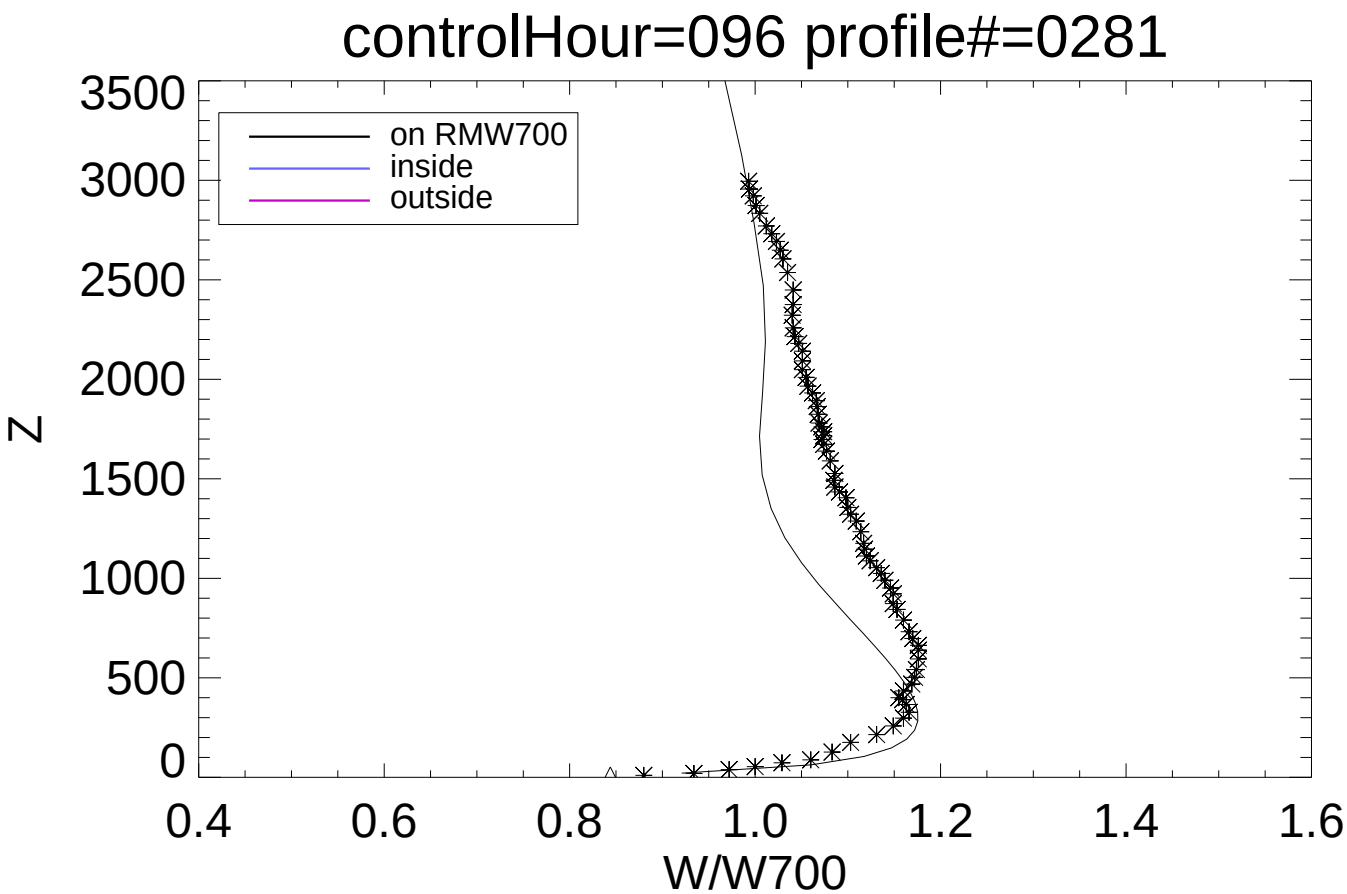
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5


controlHour=096 profile#=0281
on RMW700
inside
outside
Z
W/W700
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2000
1500
1000
500
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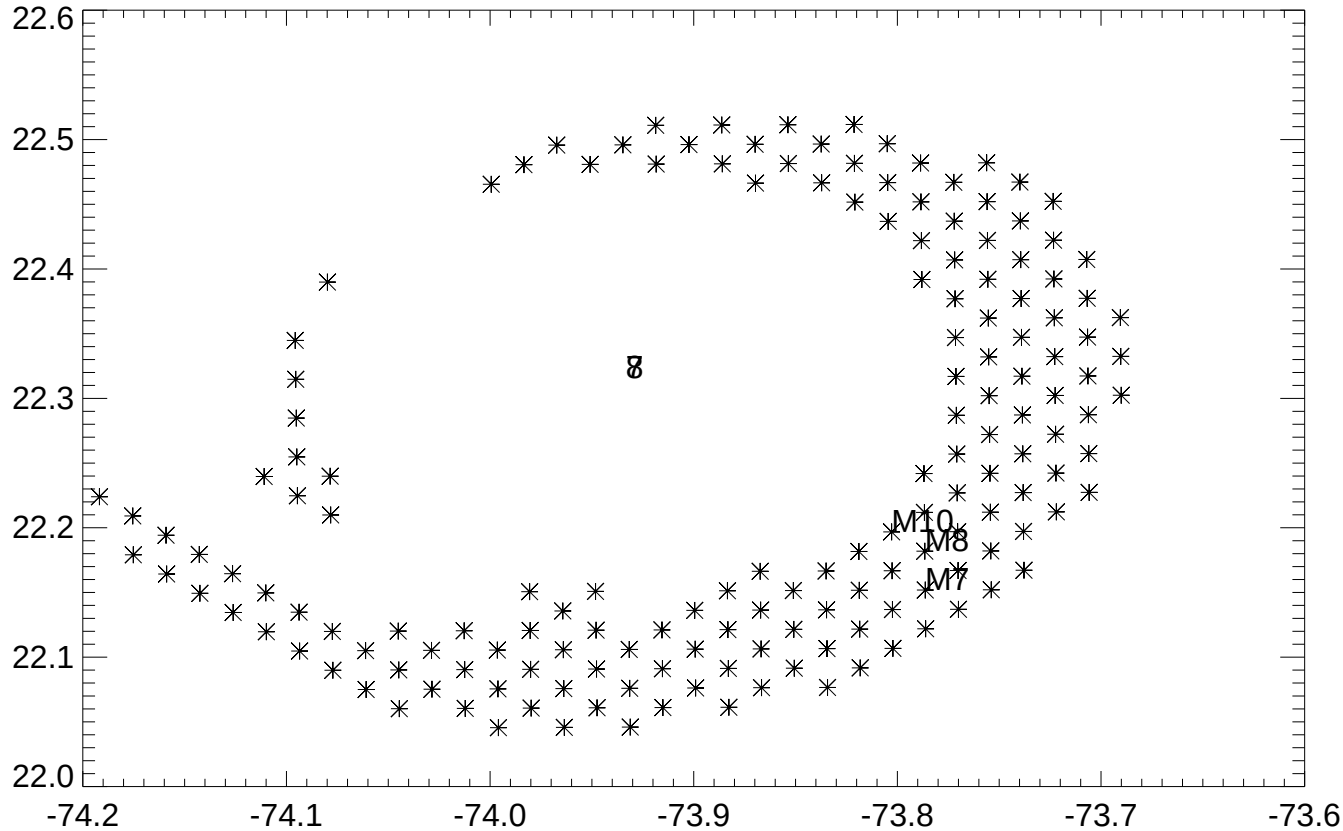
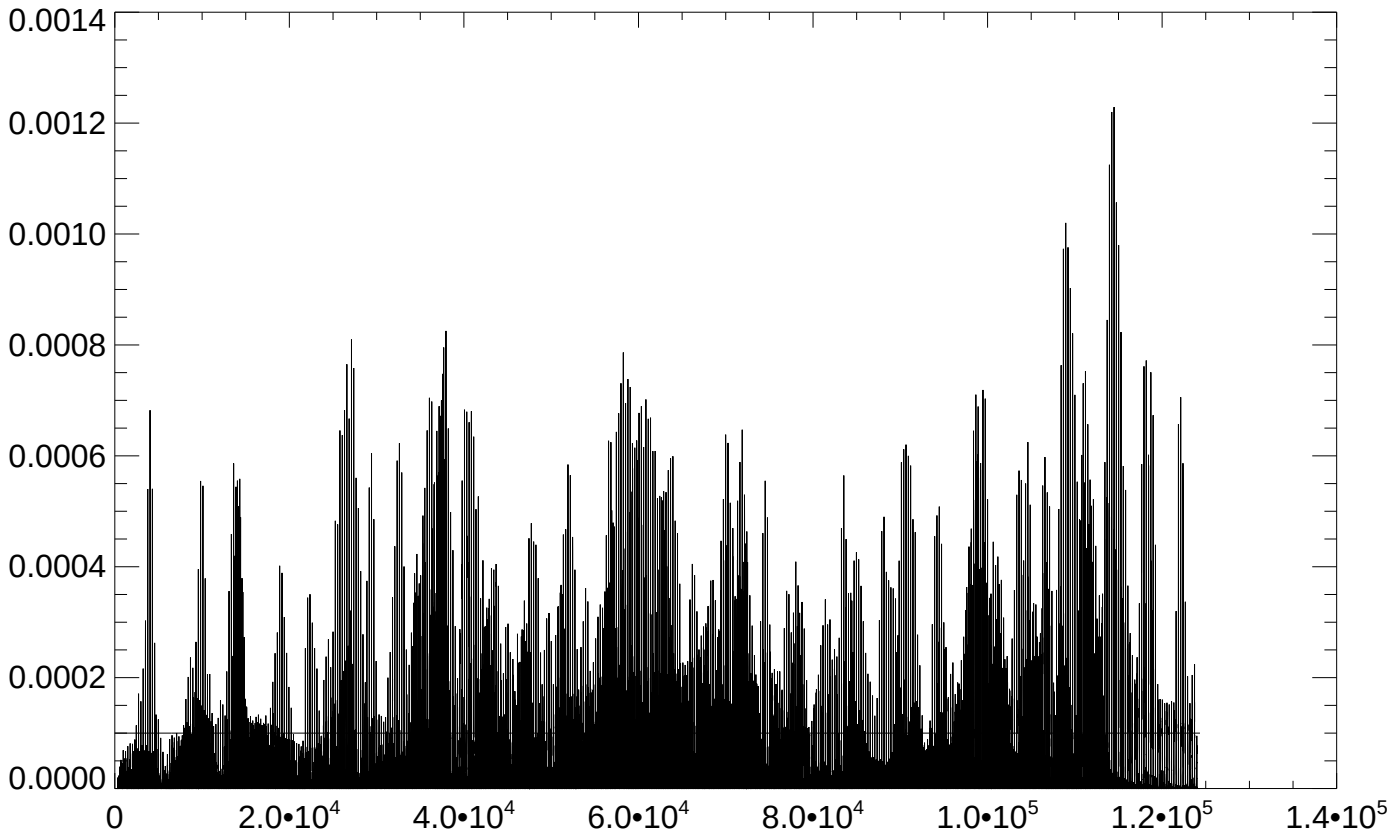
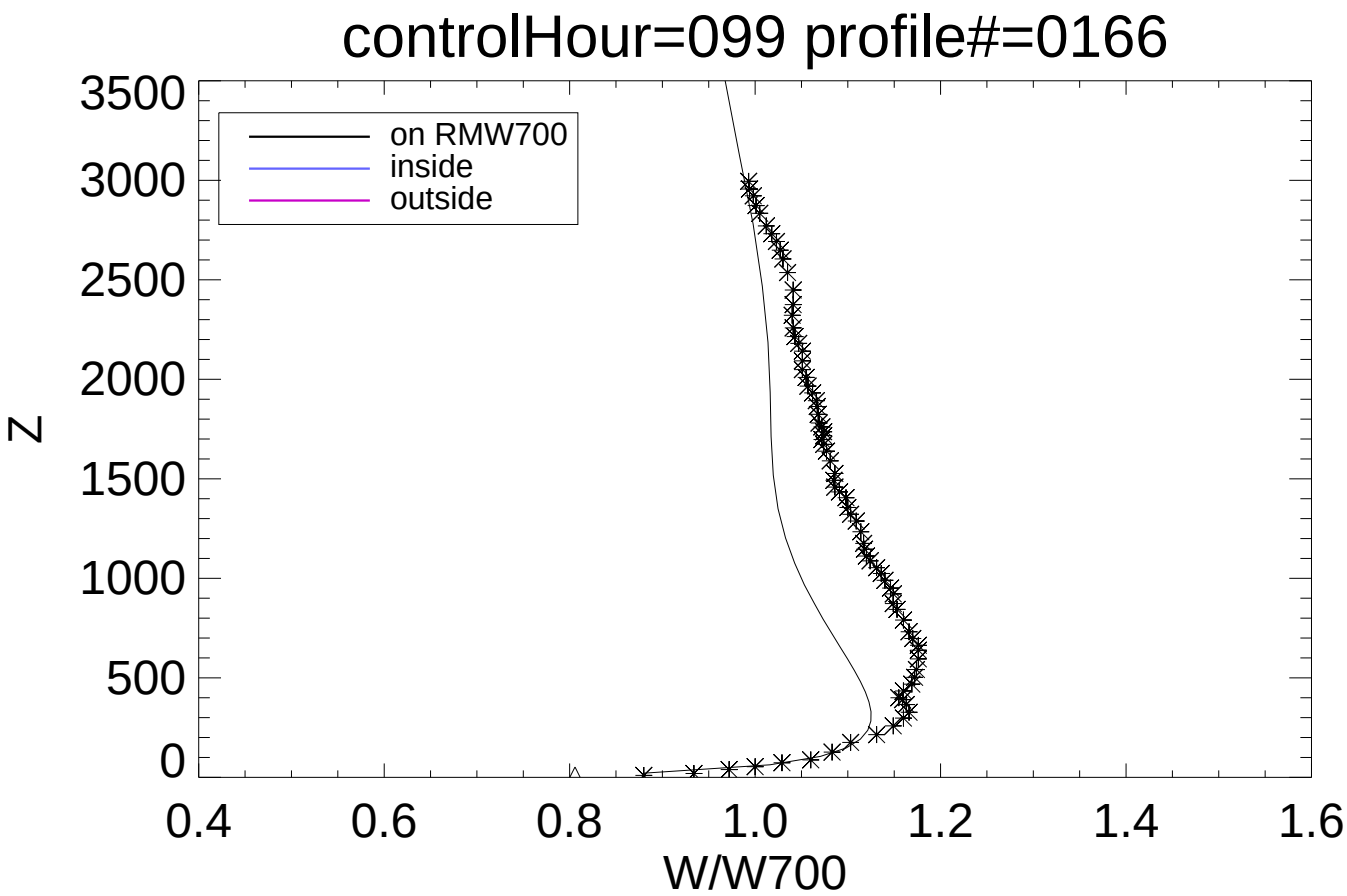
0.6
0.8
1.0
1.2
1.4
1.6


22.6
22.5
22.4
22.3
22.2
22.1
22.0
-74.2
-74.1
-74.0
-73.9
-73.8
-73.7
-73.6
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#=0166
on RMW700
inside
outside
Z
3500
3000
2500
2000
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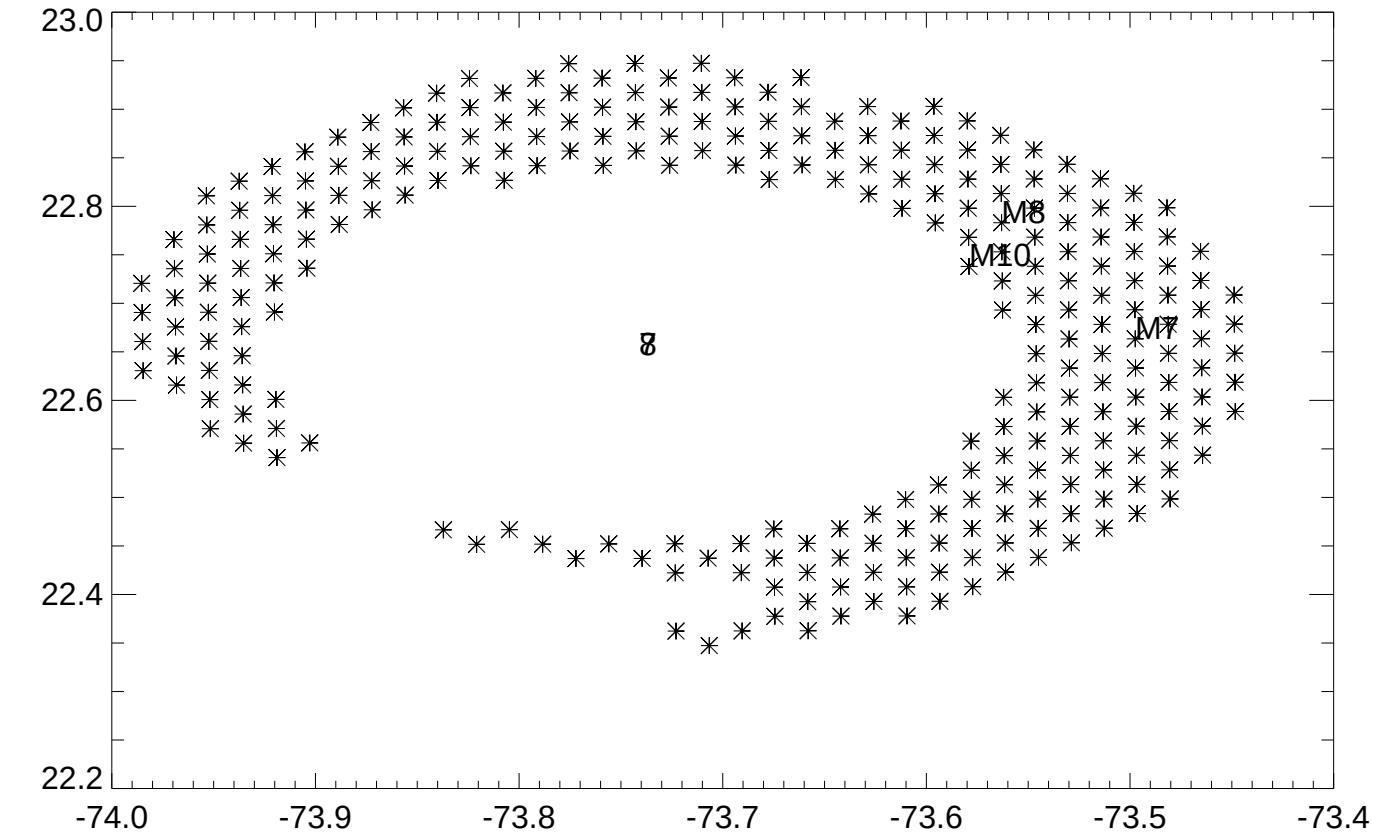
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700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22.8
22.6
22.4
22.2
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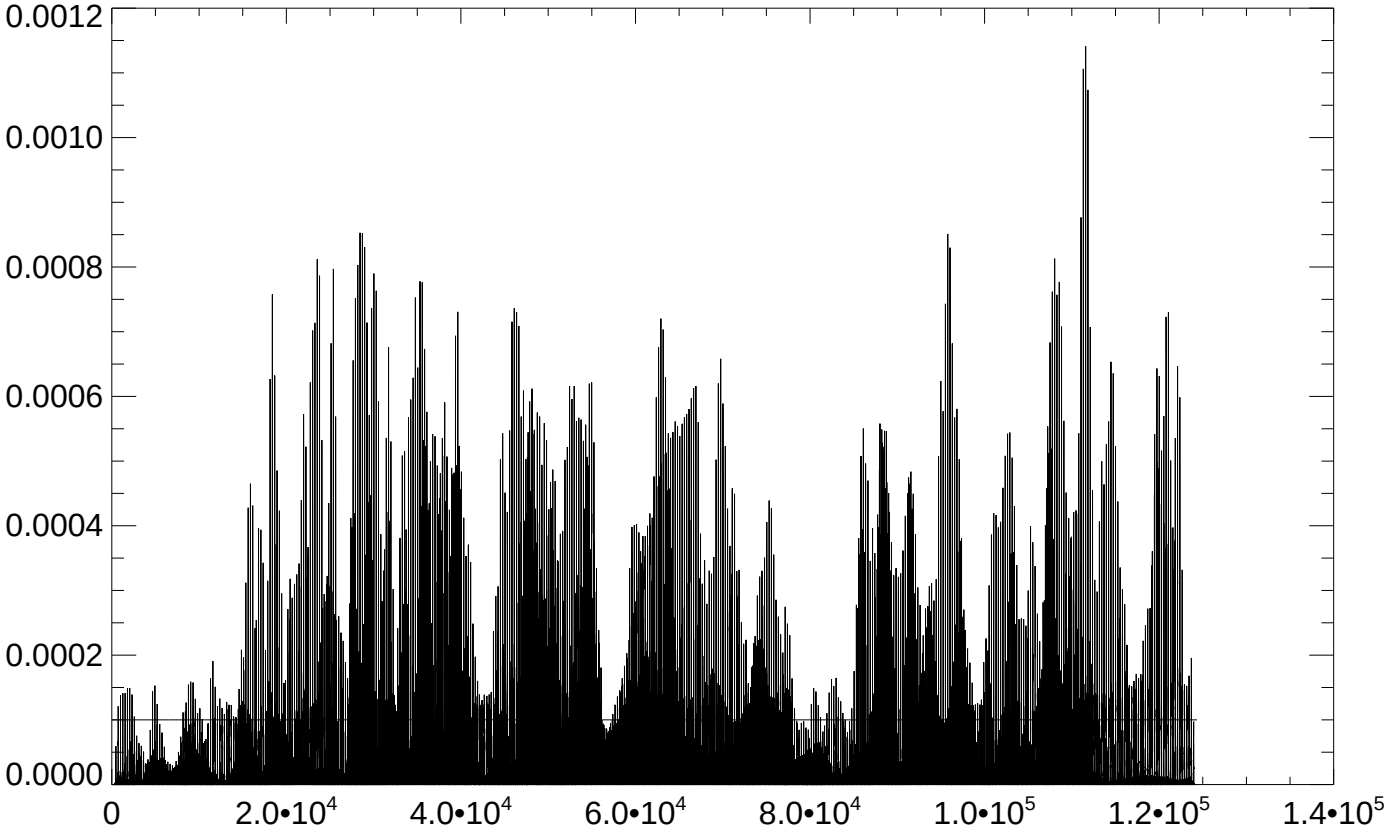
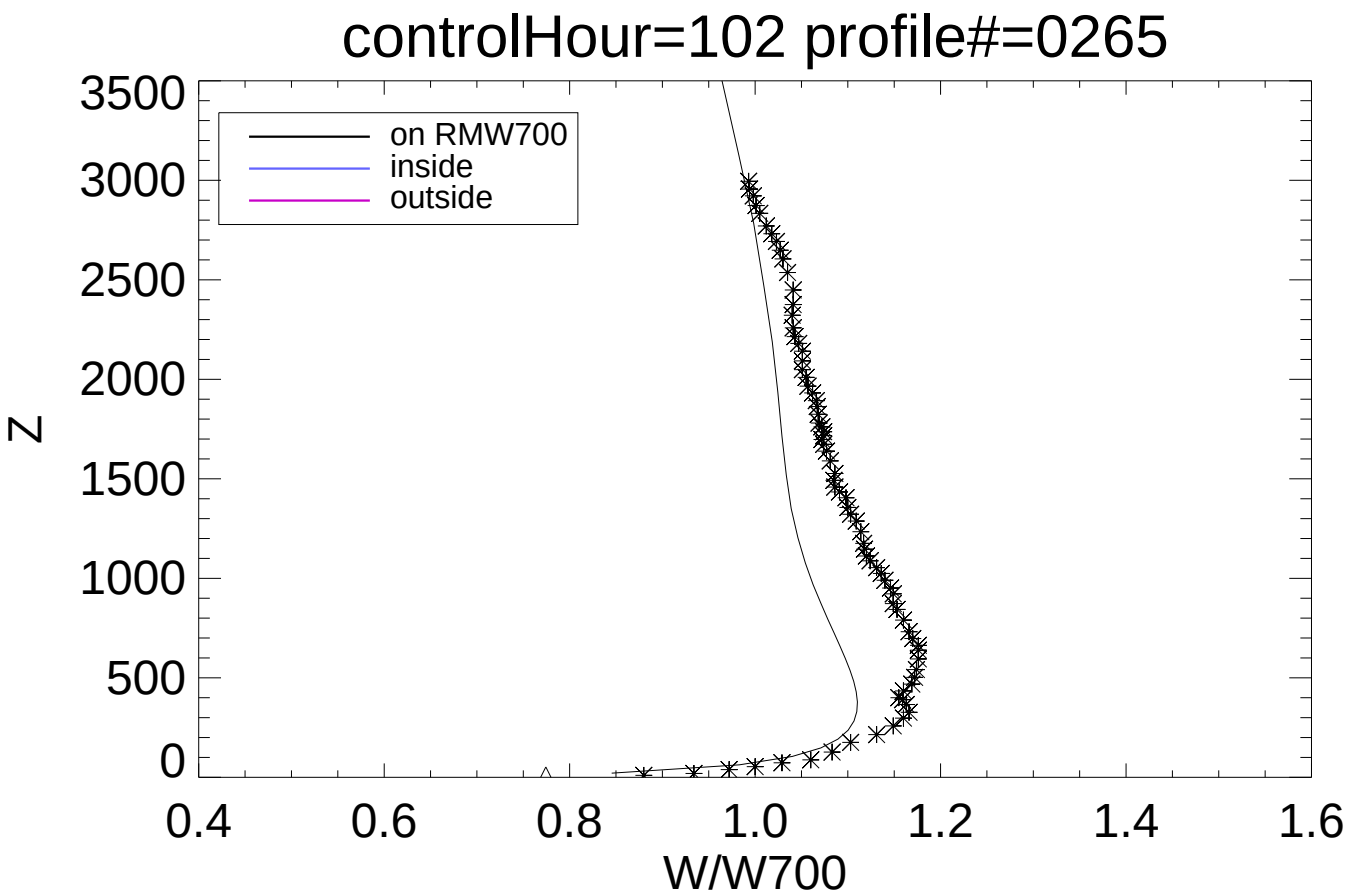
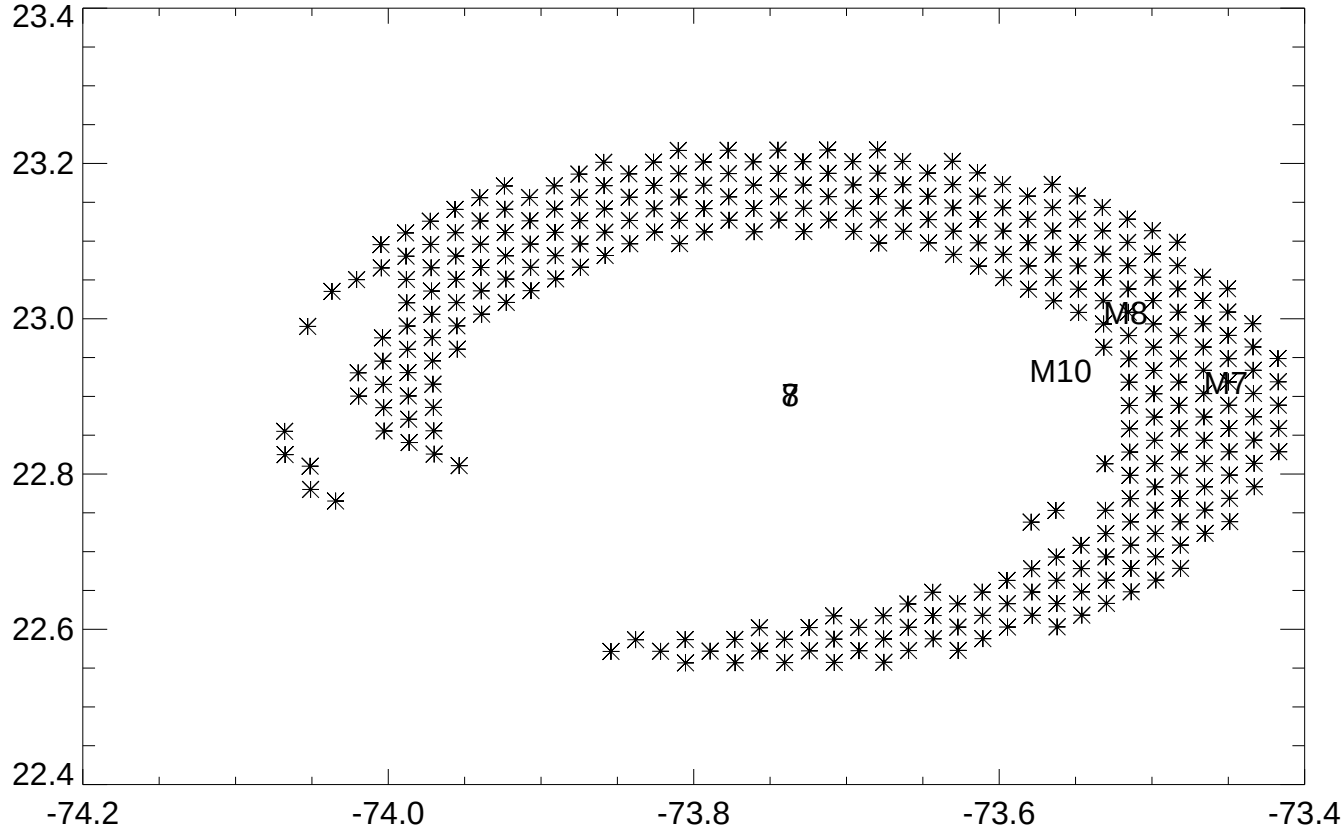
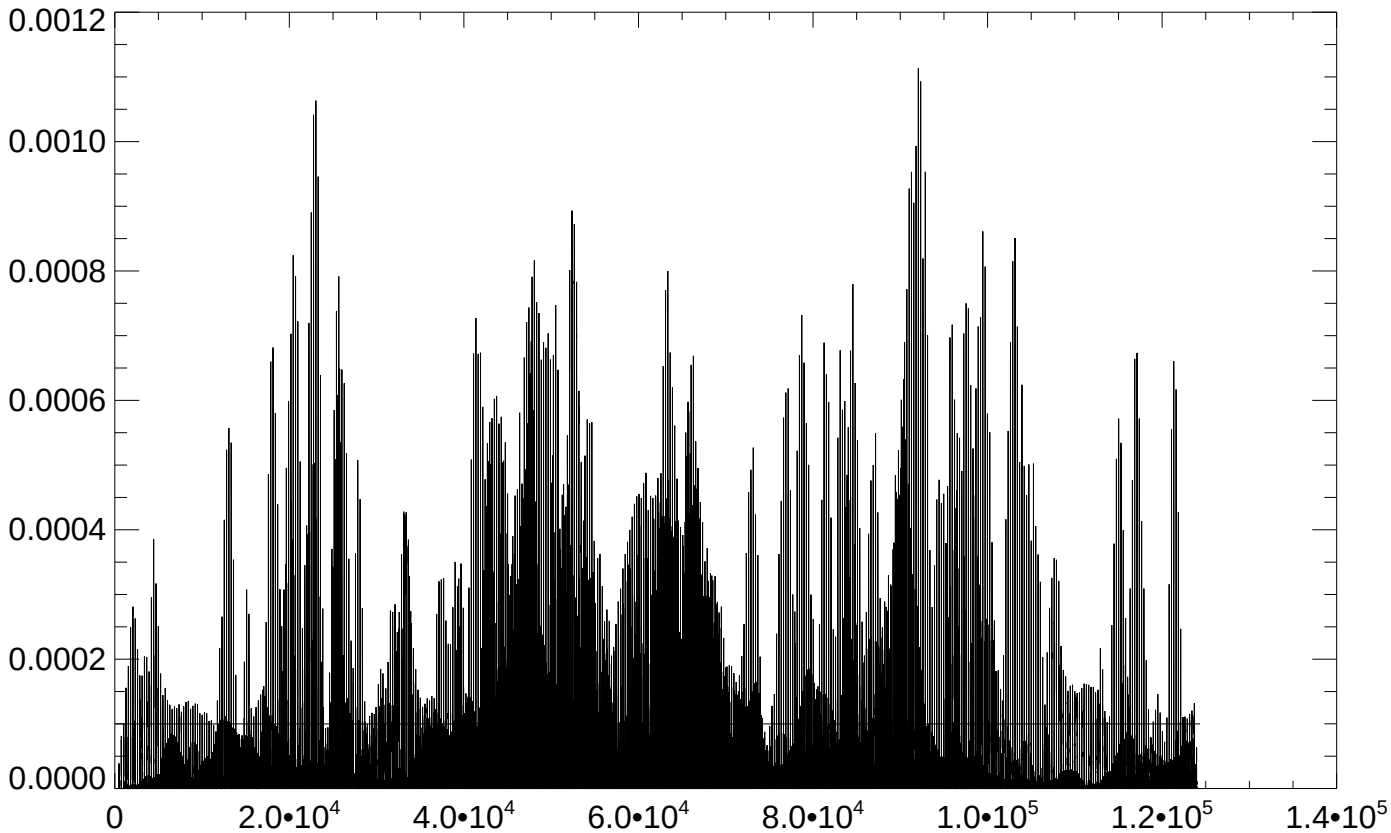
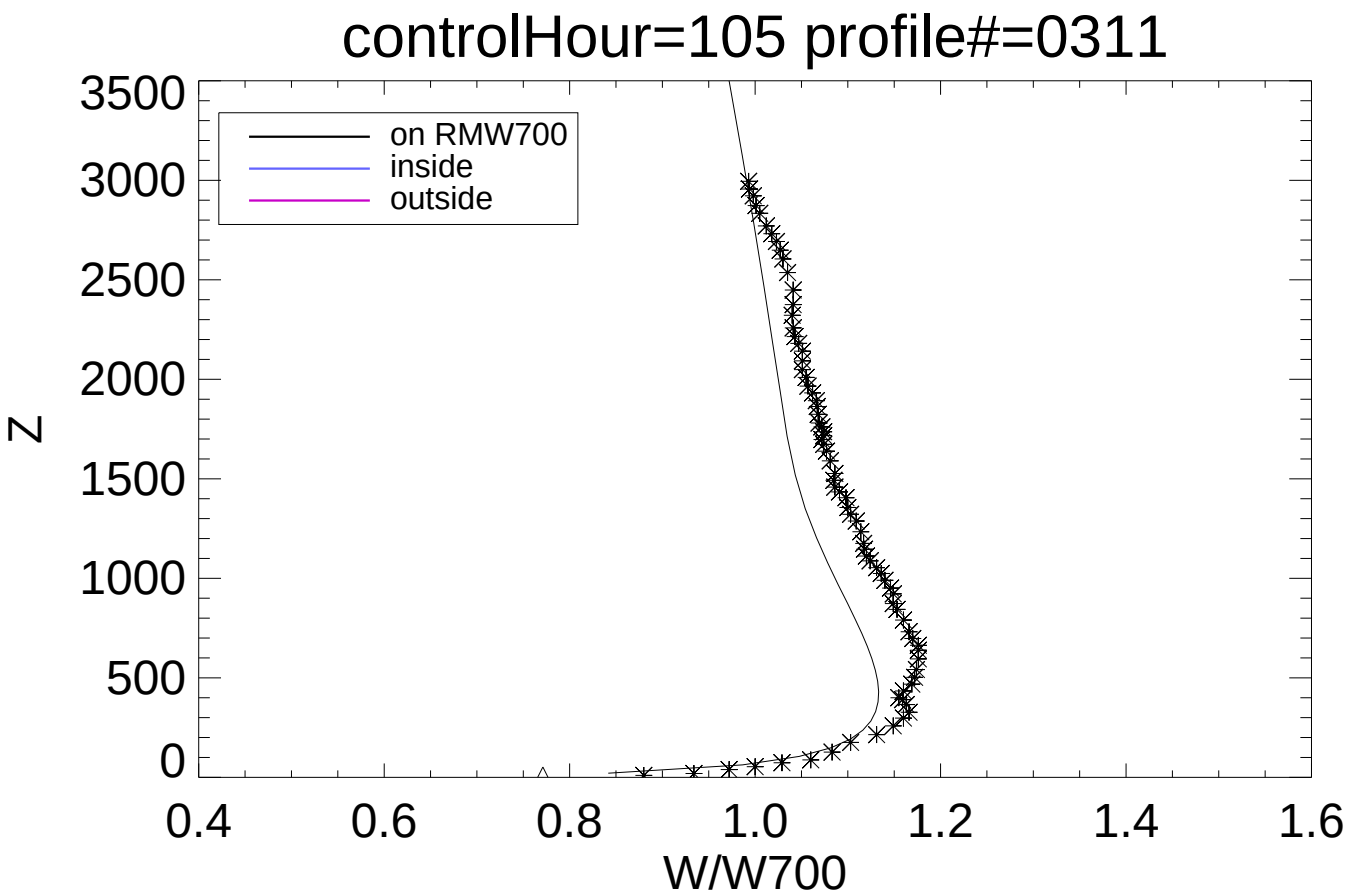
-73.9
-73.8
-73.7
-73.6
-73.5
-73.4
M8
M10
M7

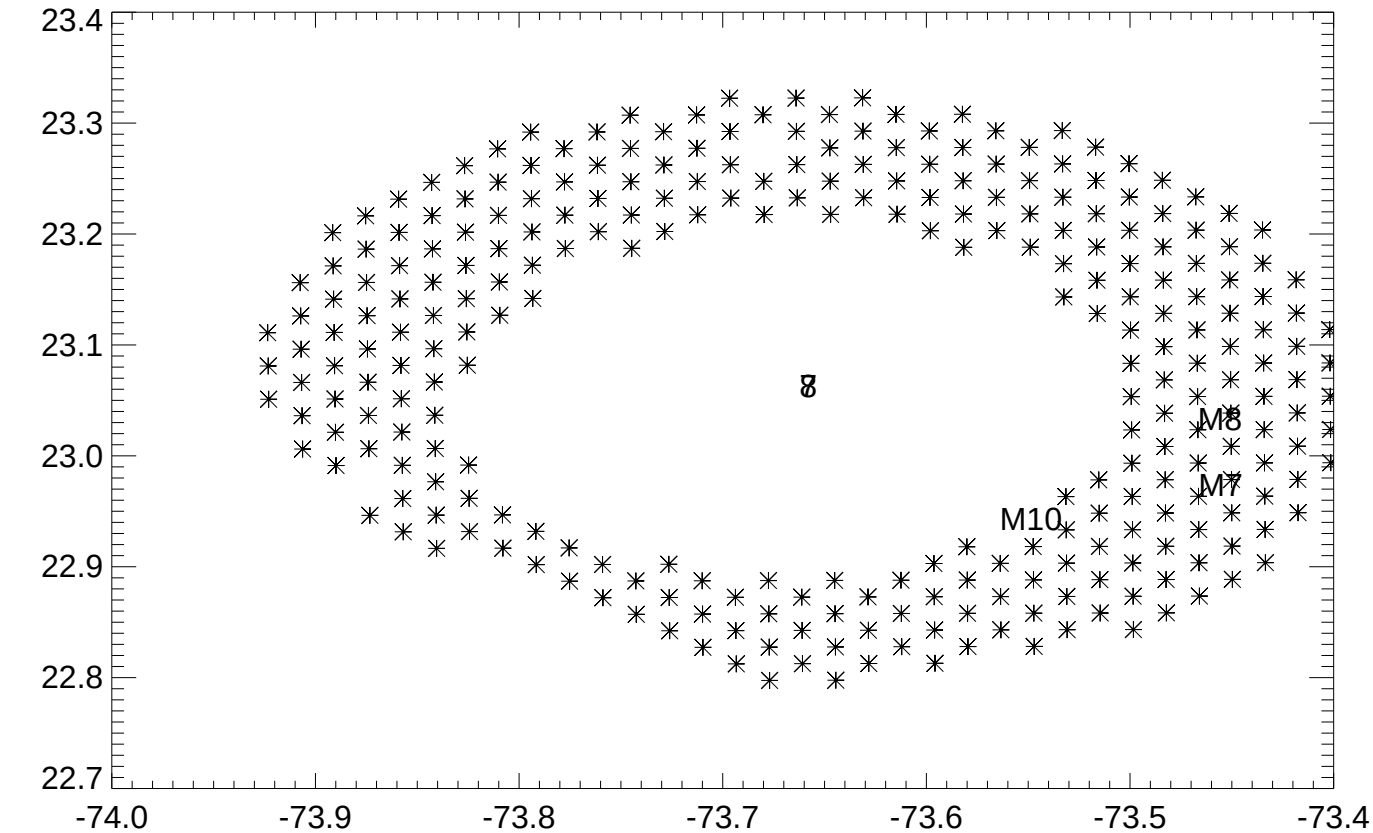

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

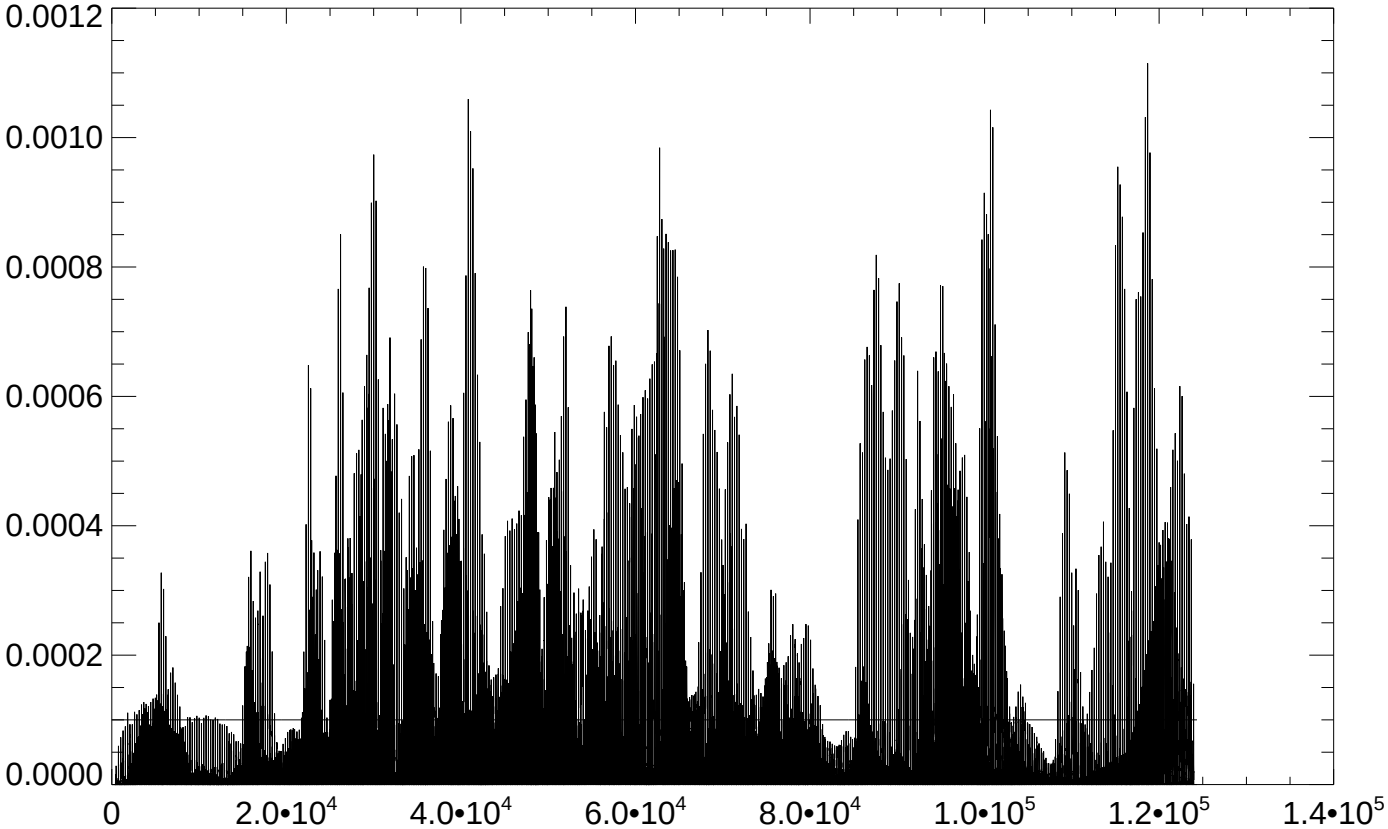

controlHour=102 profile#=0265
on RMW700
inside
outside
Z
W/W700
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6

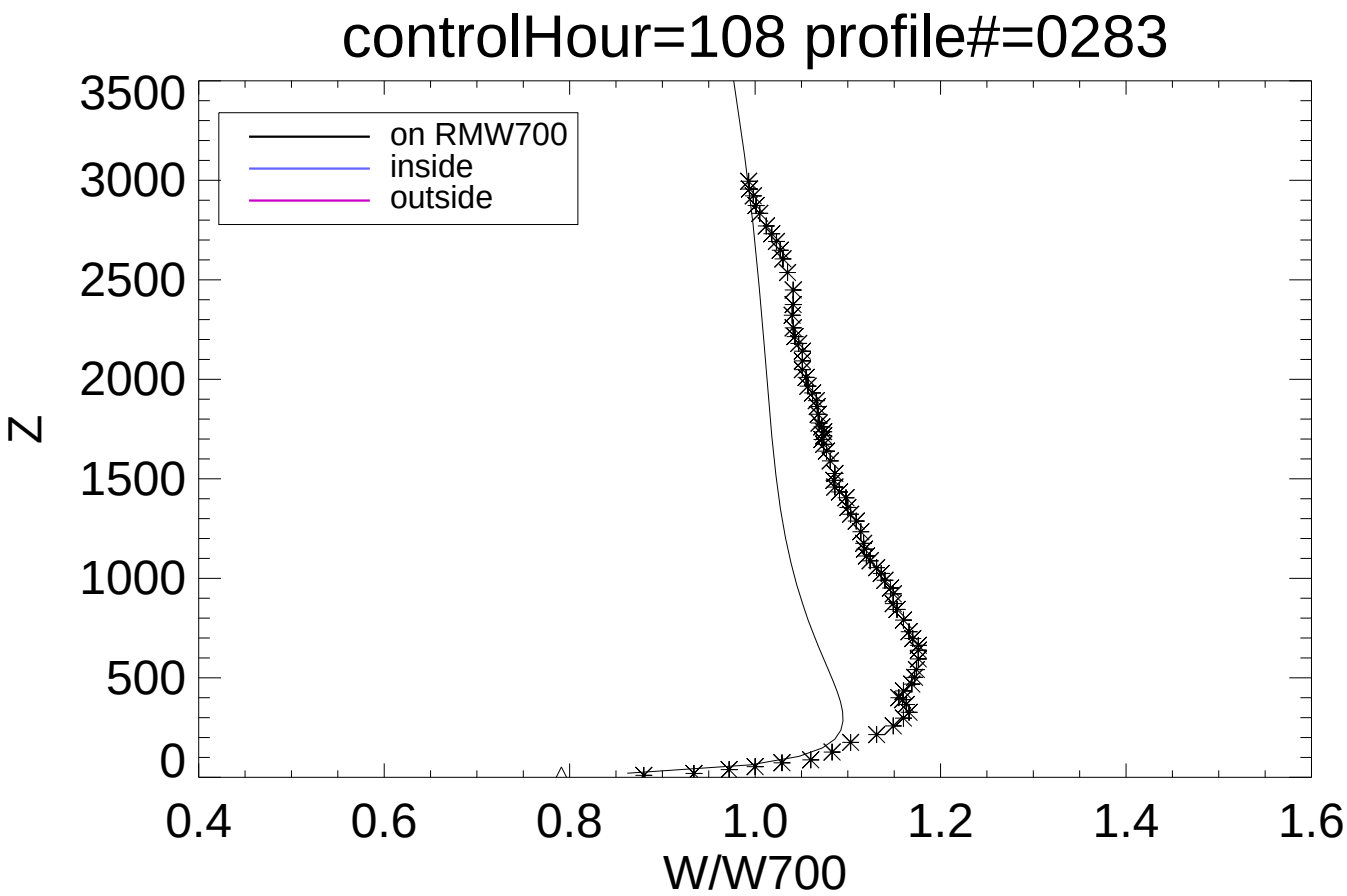

M8
M10
M7
23.4
23.2
23.0
22.8
22.6
22.4
-74.2
-74.0
-73.8
-73.6
-73.4

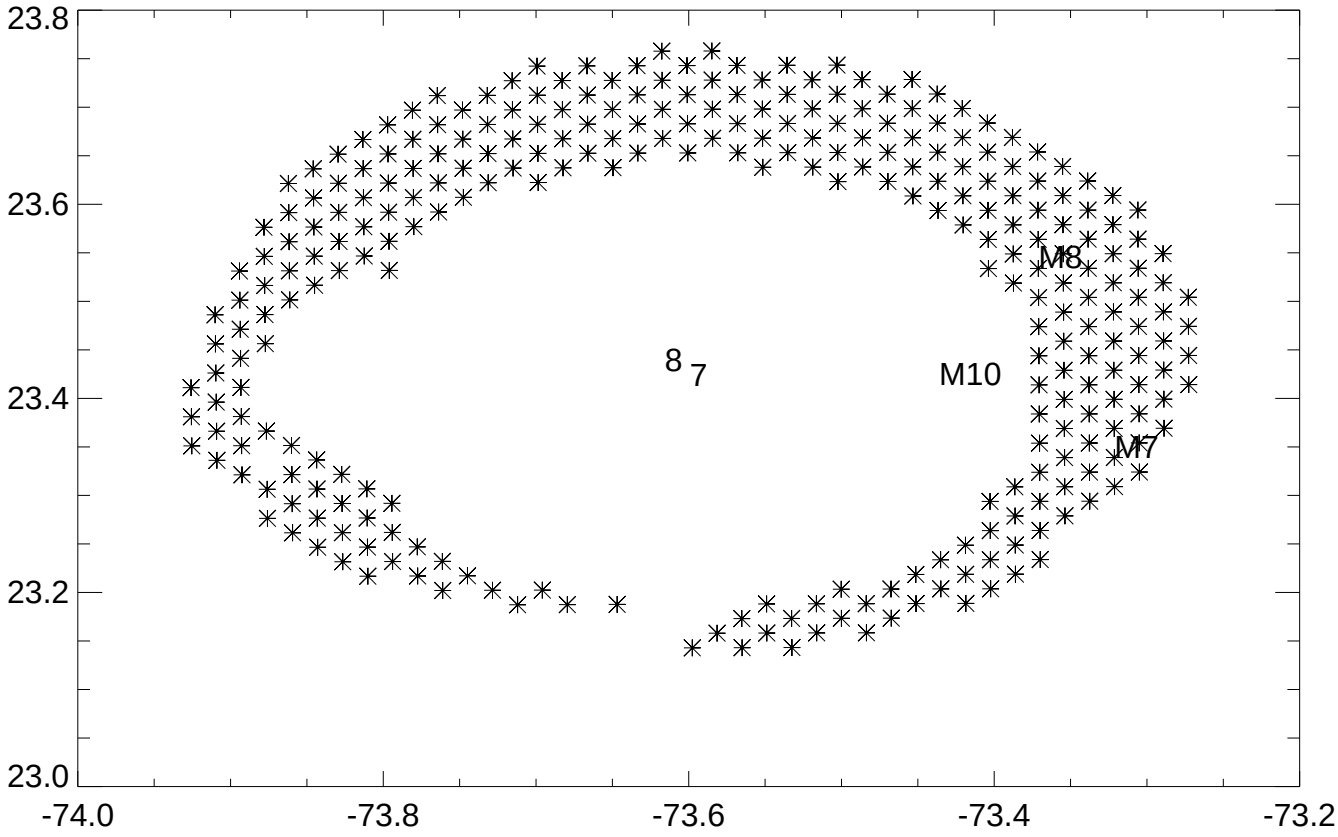

0.0012
0.0010
0.0008
0.0006
0.0004
0.0002
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
1.0•10^5
1.2•10^5
1.4•10^5

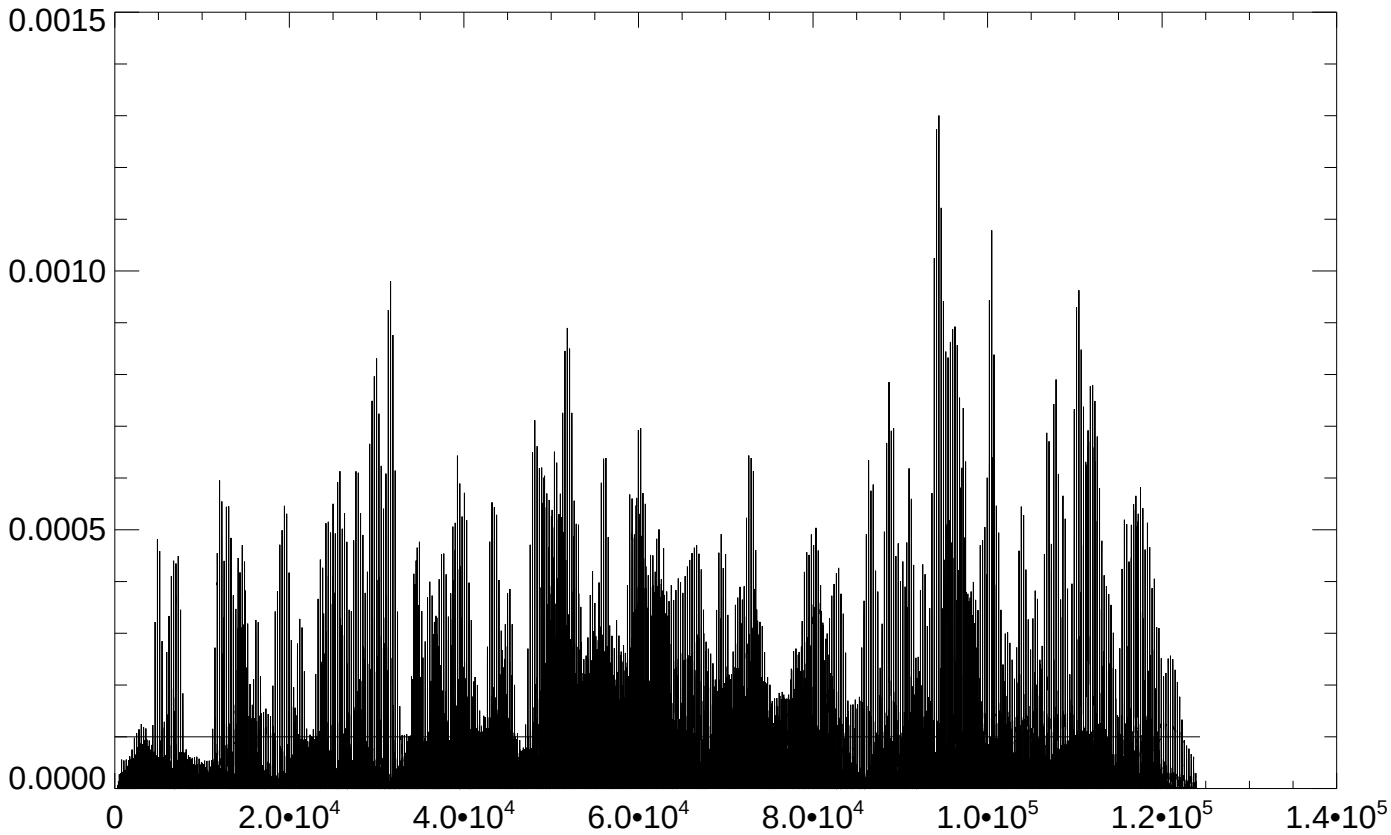

controlHour=105 profile#=0311
on RMW700
inside
outside
Z
3500
3000
2500
2000
1500
1000
500
0
0.4
0.6
0.8
1.0
1.2
1.4
1.6
W/W700


23.4
23.3
23.2
23.1
23.0
22.9
22.8
22.7
-74.0
-73.9
-73.8
-73.7
-73.6
-73.5
-73.4
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=108 profile#=0283
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


23.8
23.6
23.4
23.2
23.0
-74.0
-73.8
-73.6
-73.4
-73.2
8
7
M10
M8
M7


0.0015
0.0010
0.0005
0.0000
0
2.0•10^4
4.0•10^4
6.0•10^4
8.0•10^4
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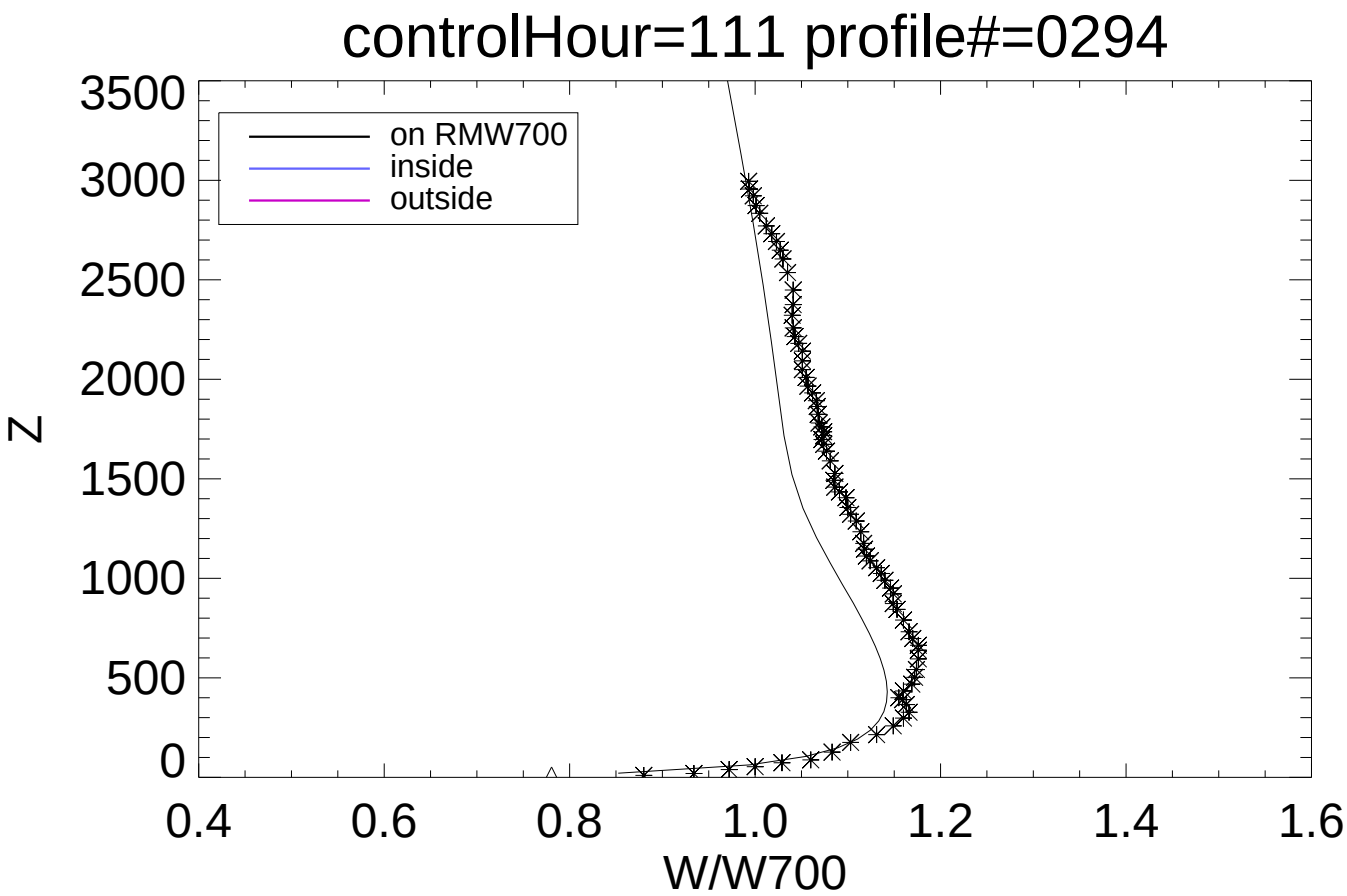
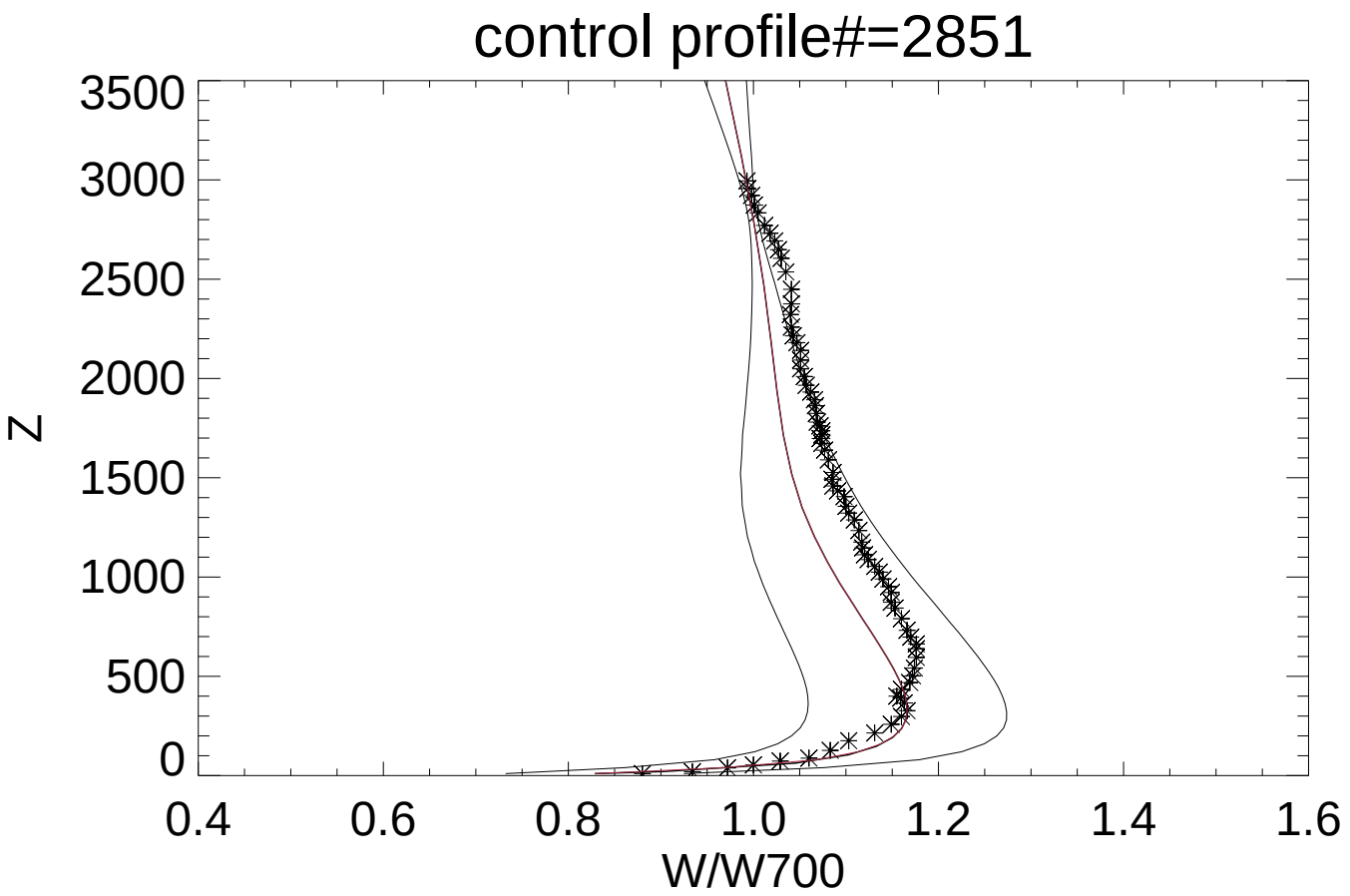
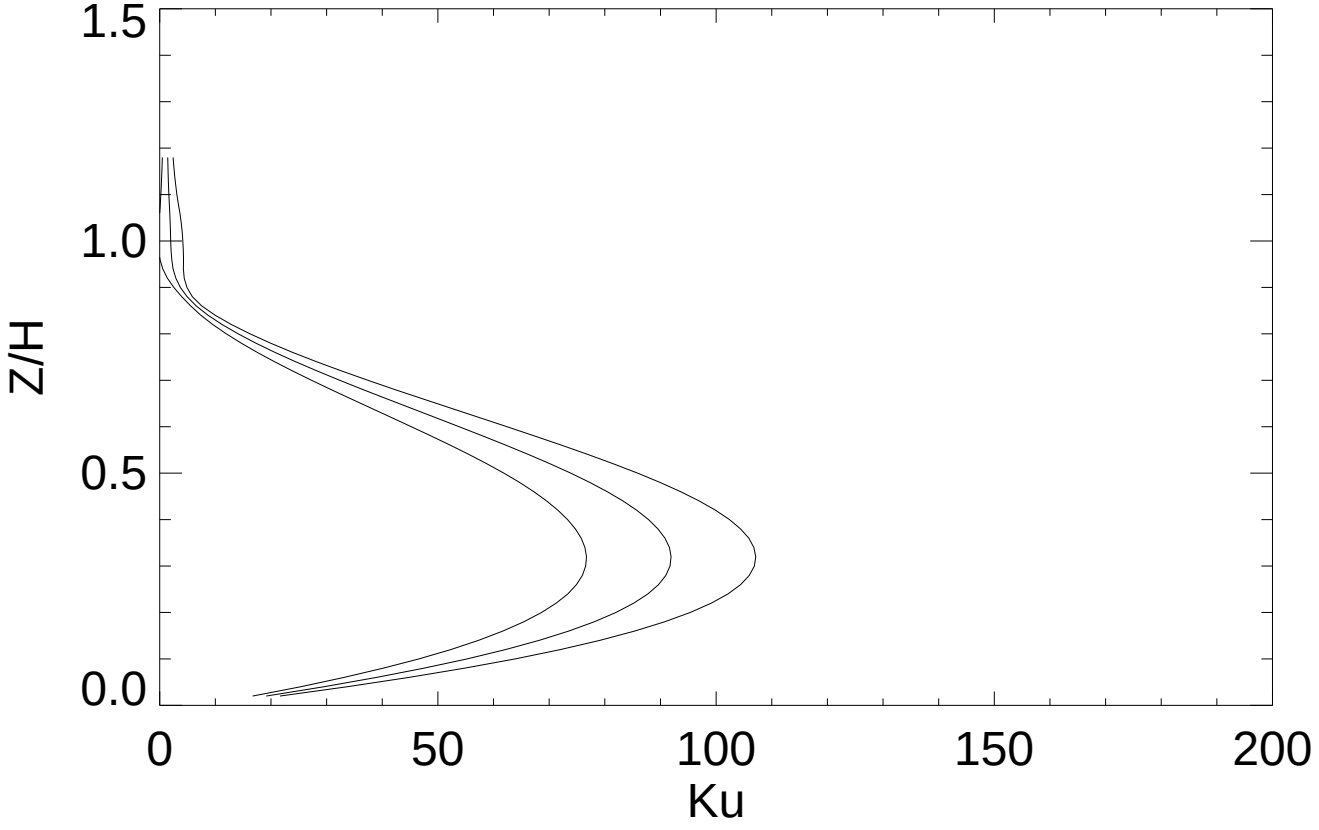
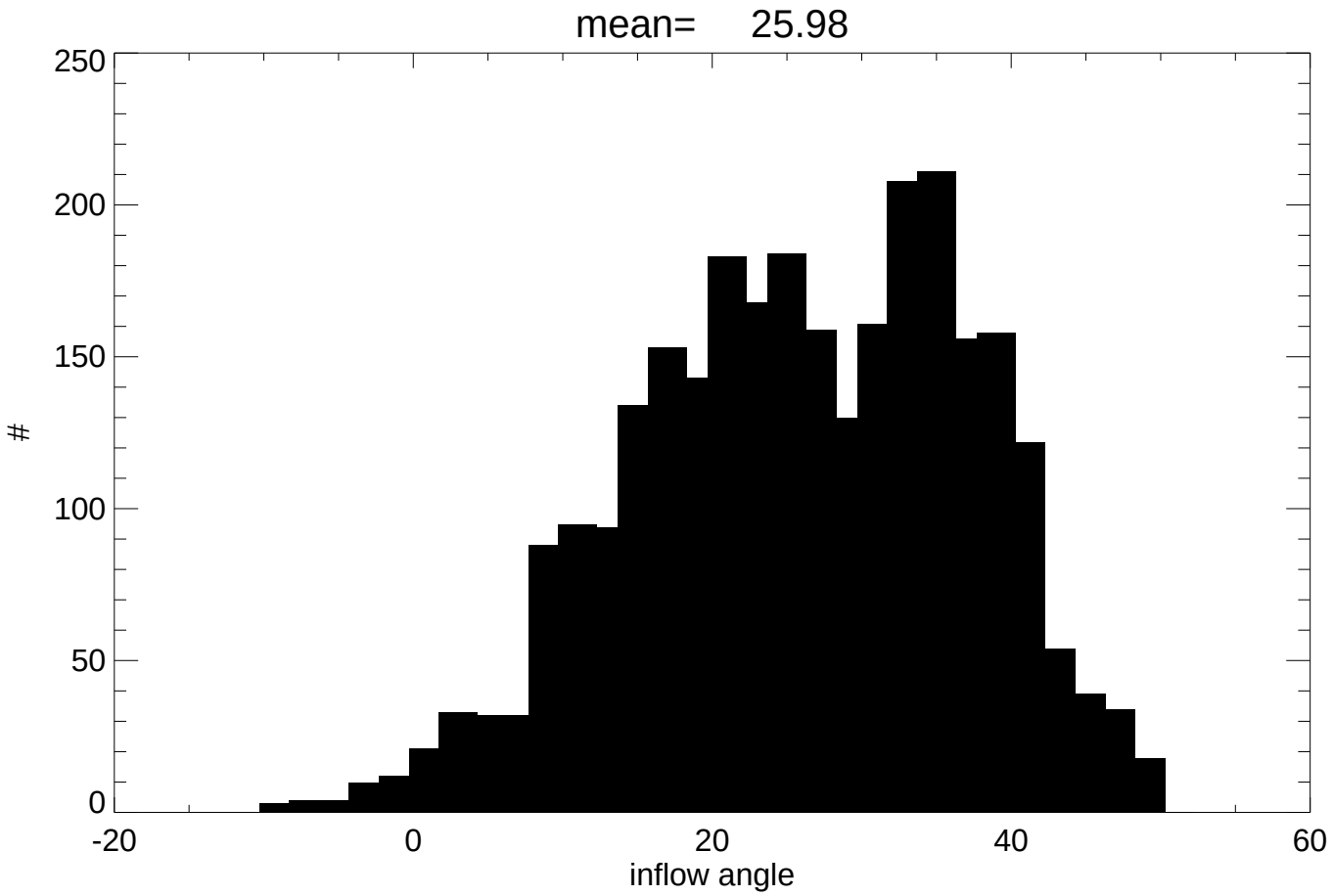
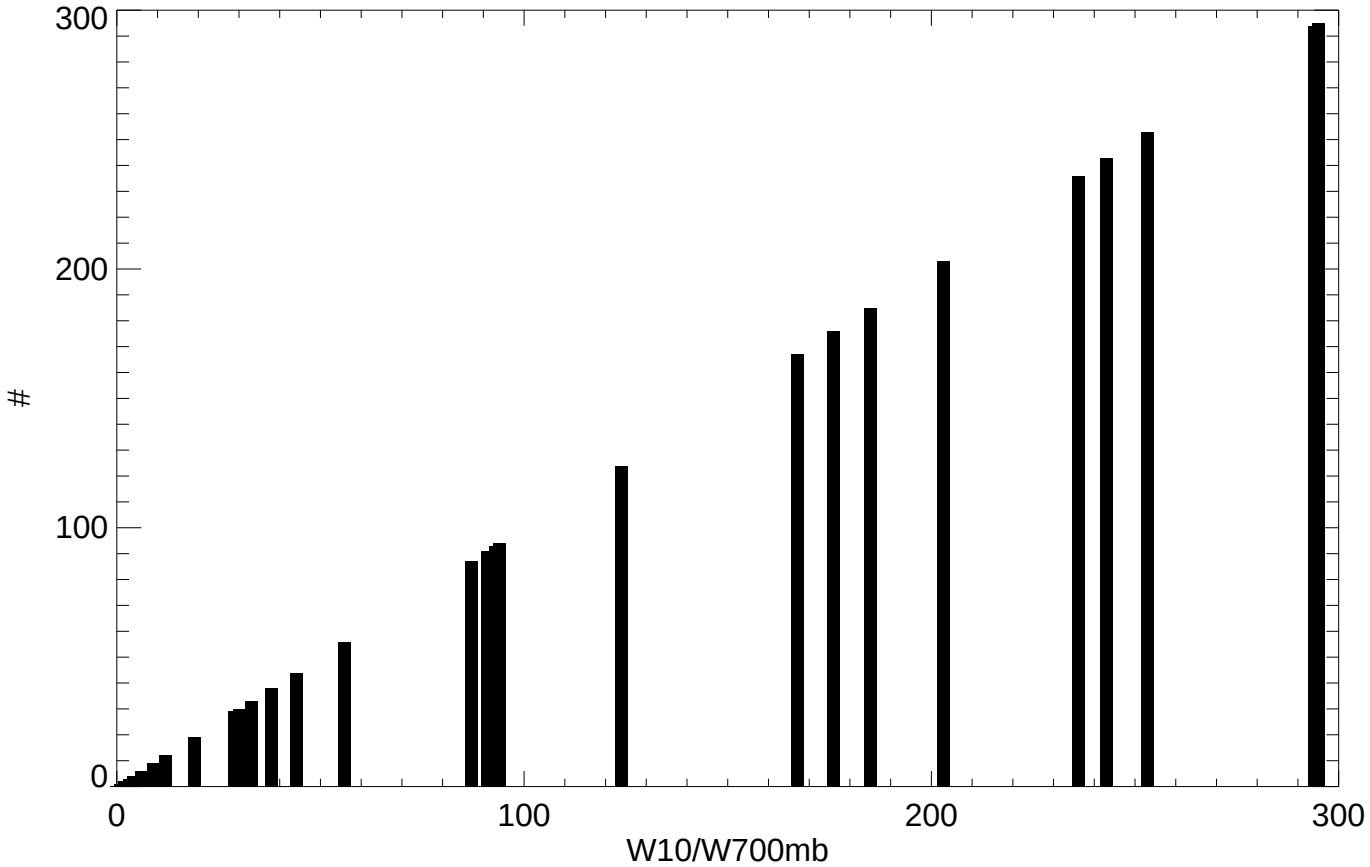
1.2•10^5
1.4•10^5


controlHour=111 profile#=0294
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#=2851
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= 25.98
250
200
150
100
50
0
#
-20
0
20
40
60
inflow angle


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