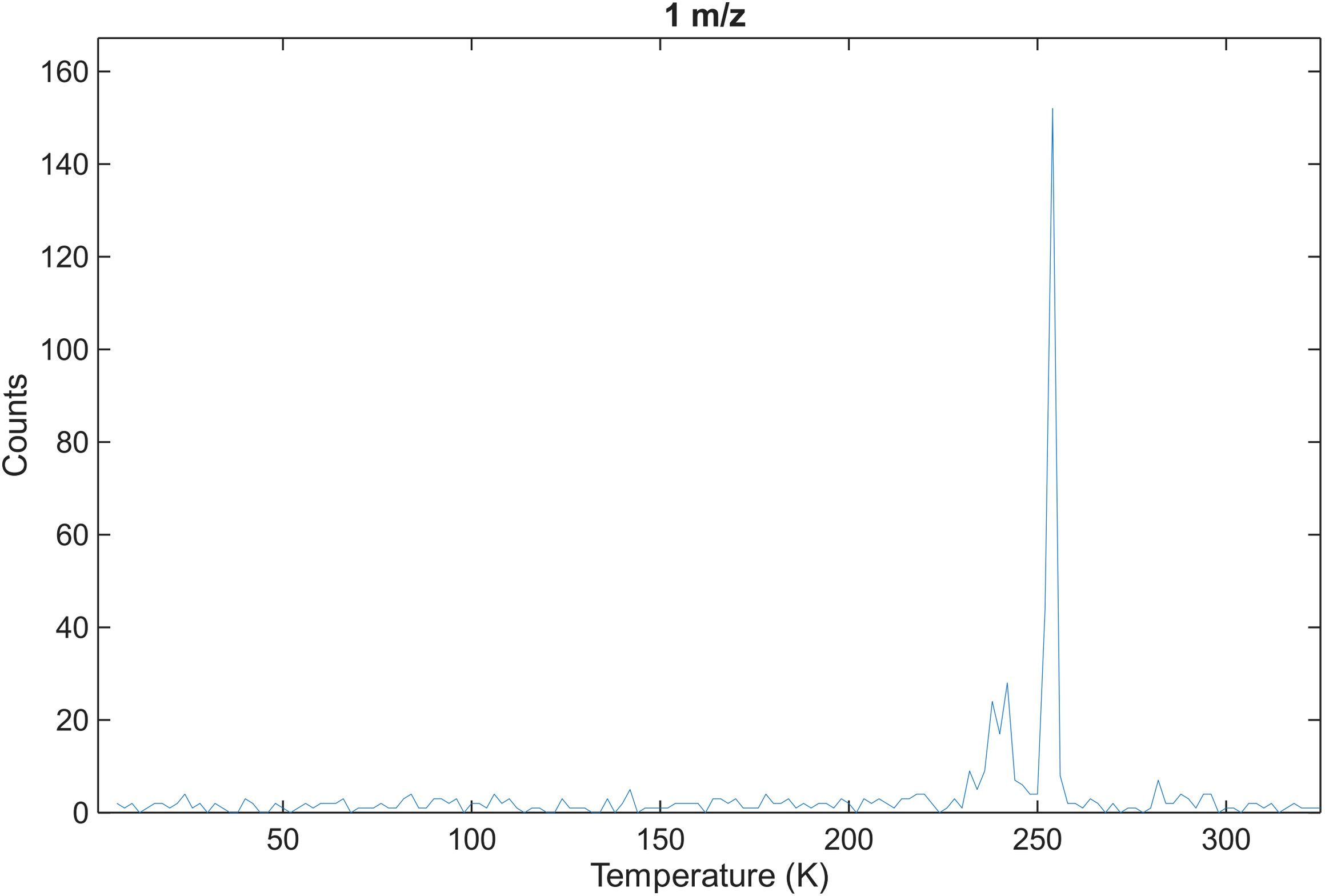
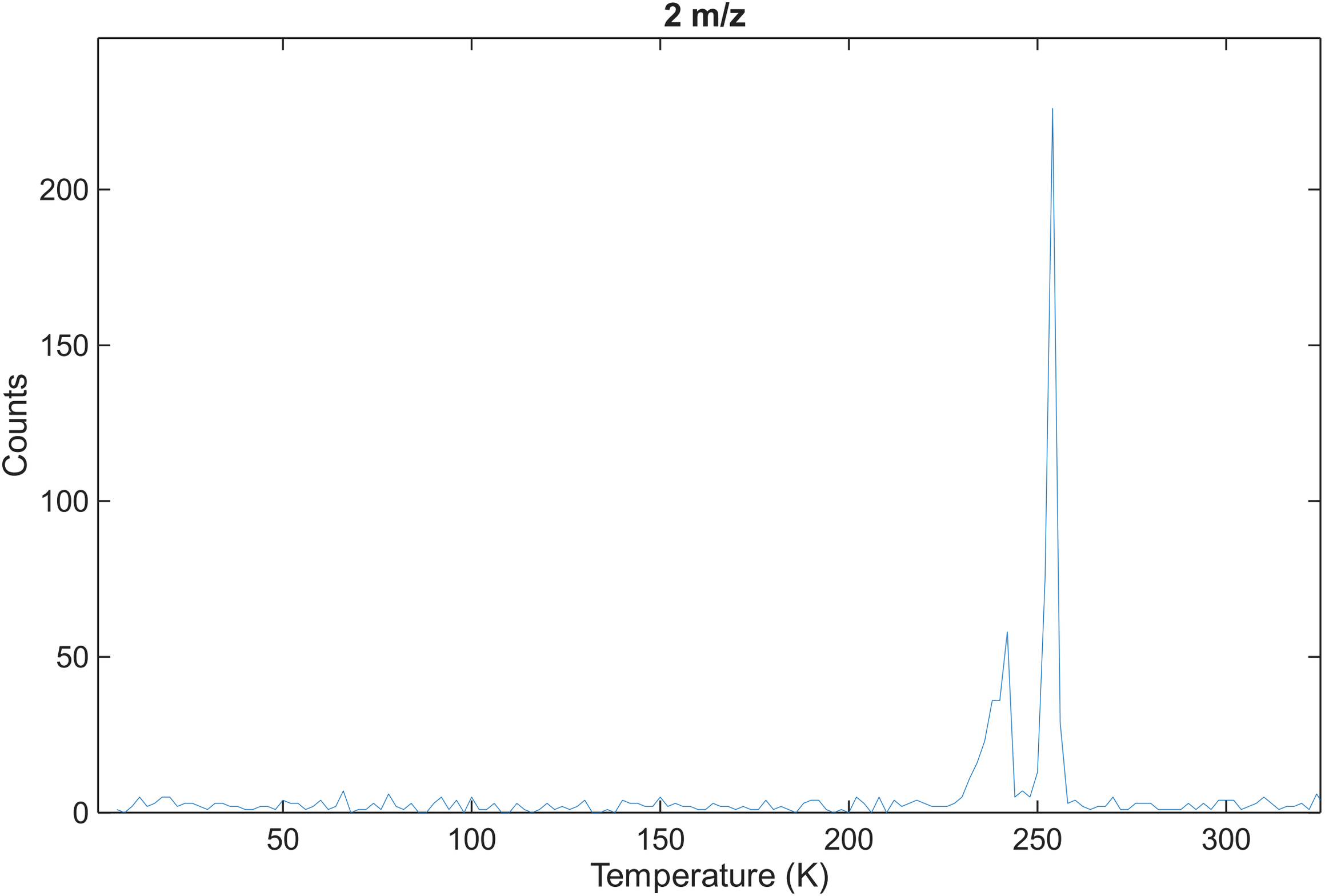
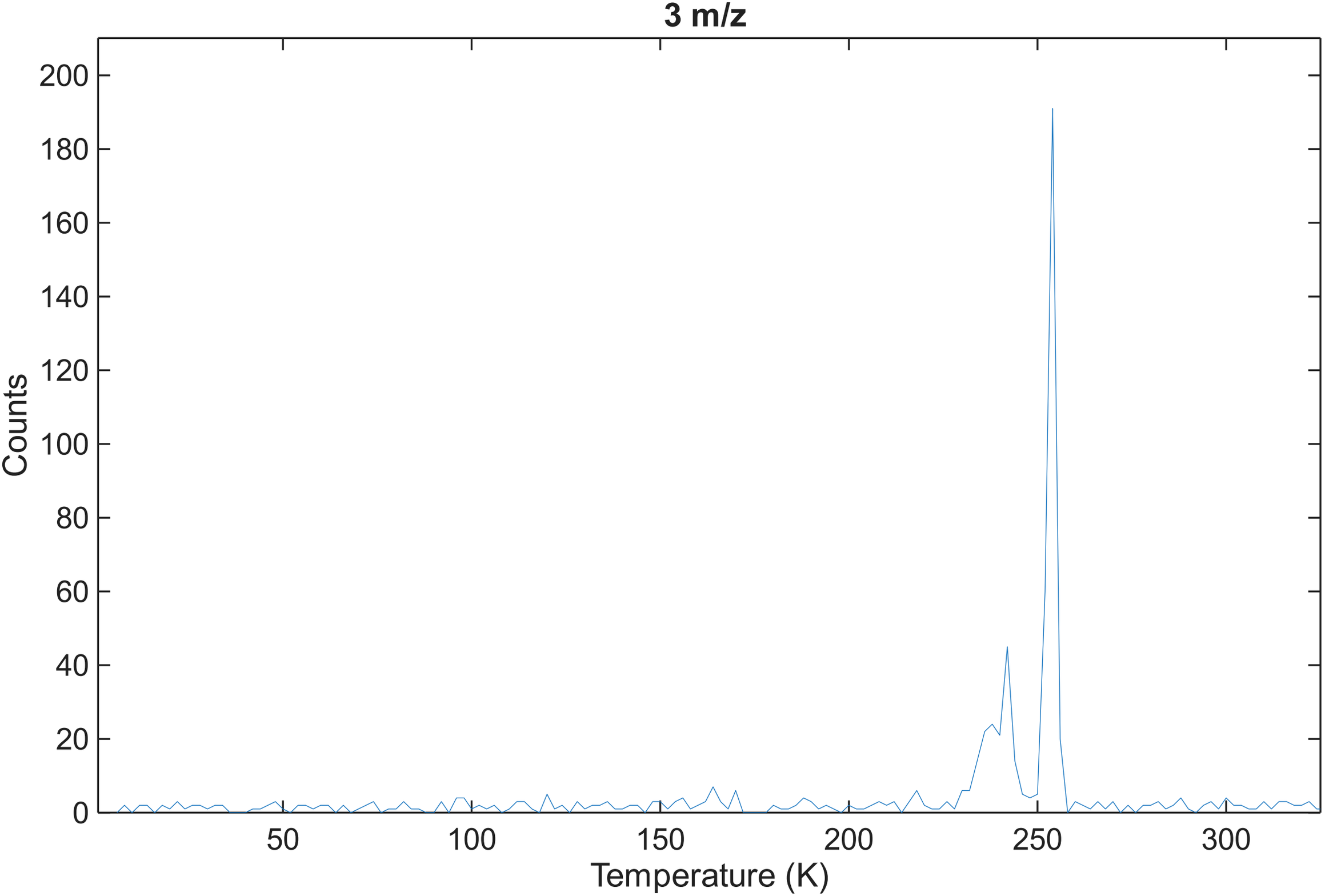
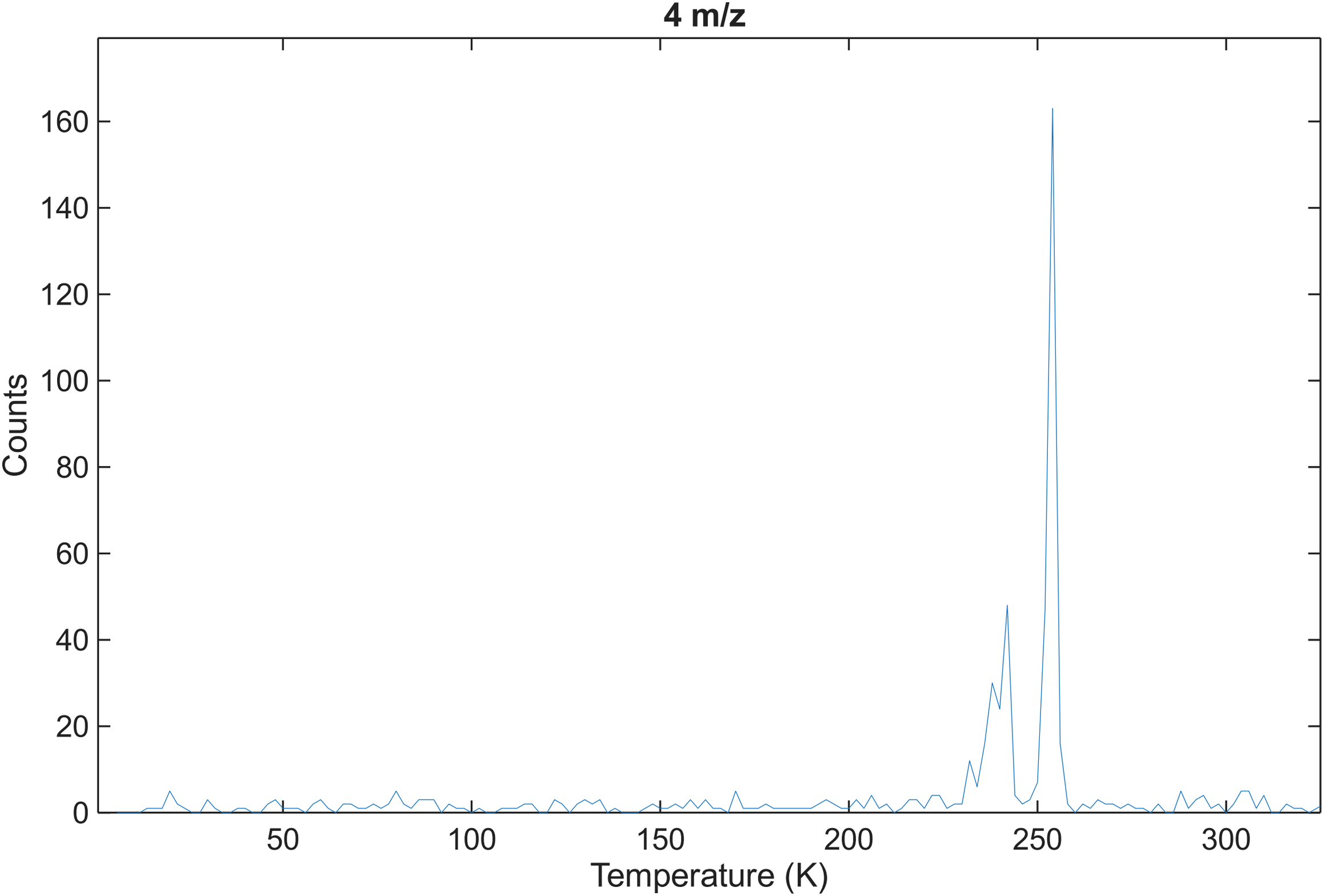
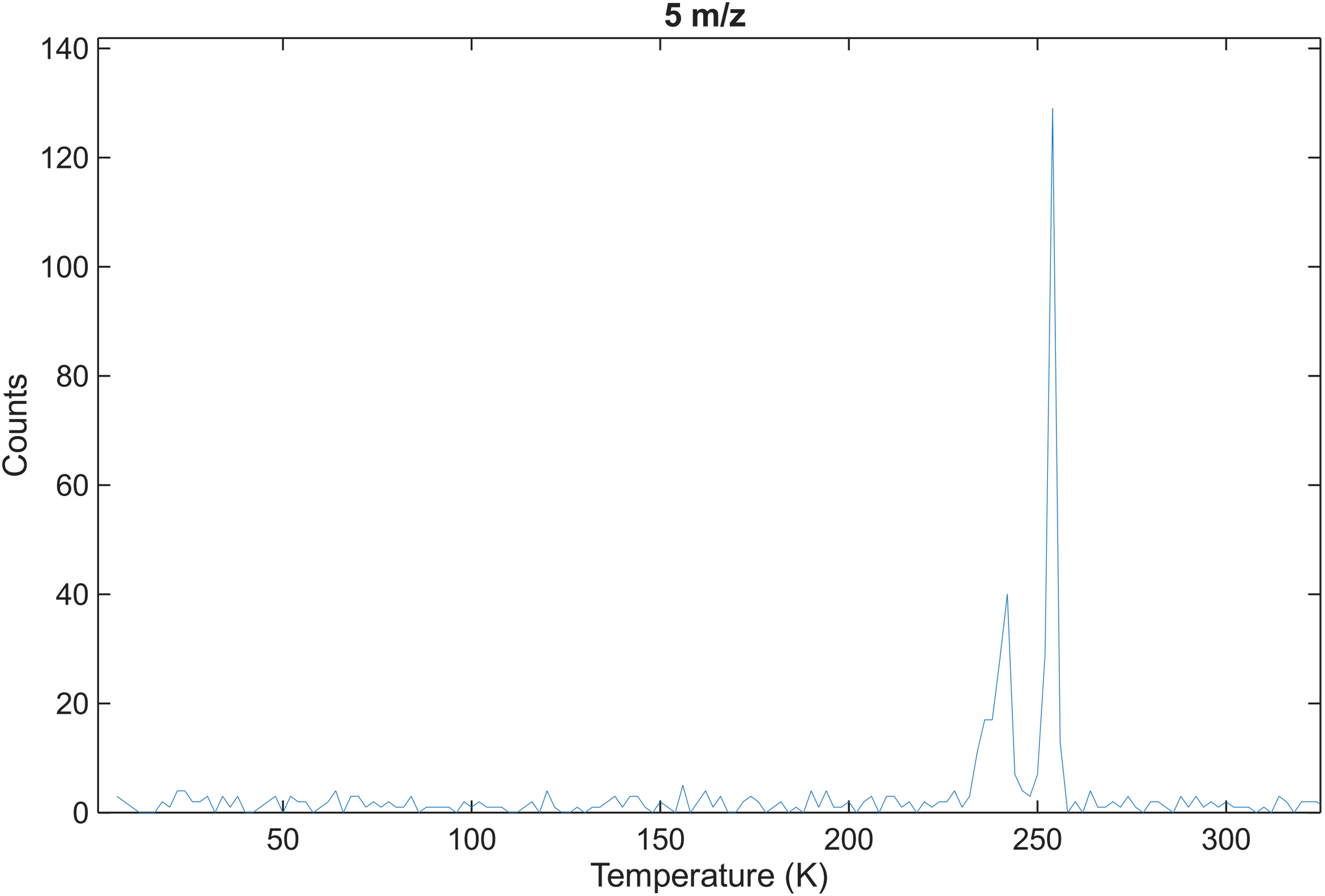
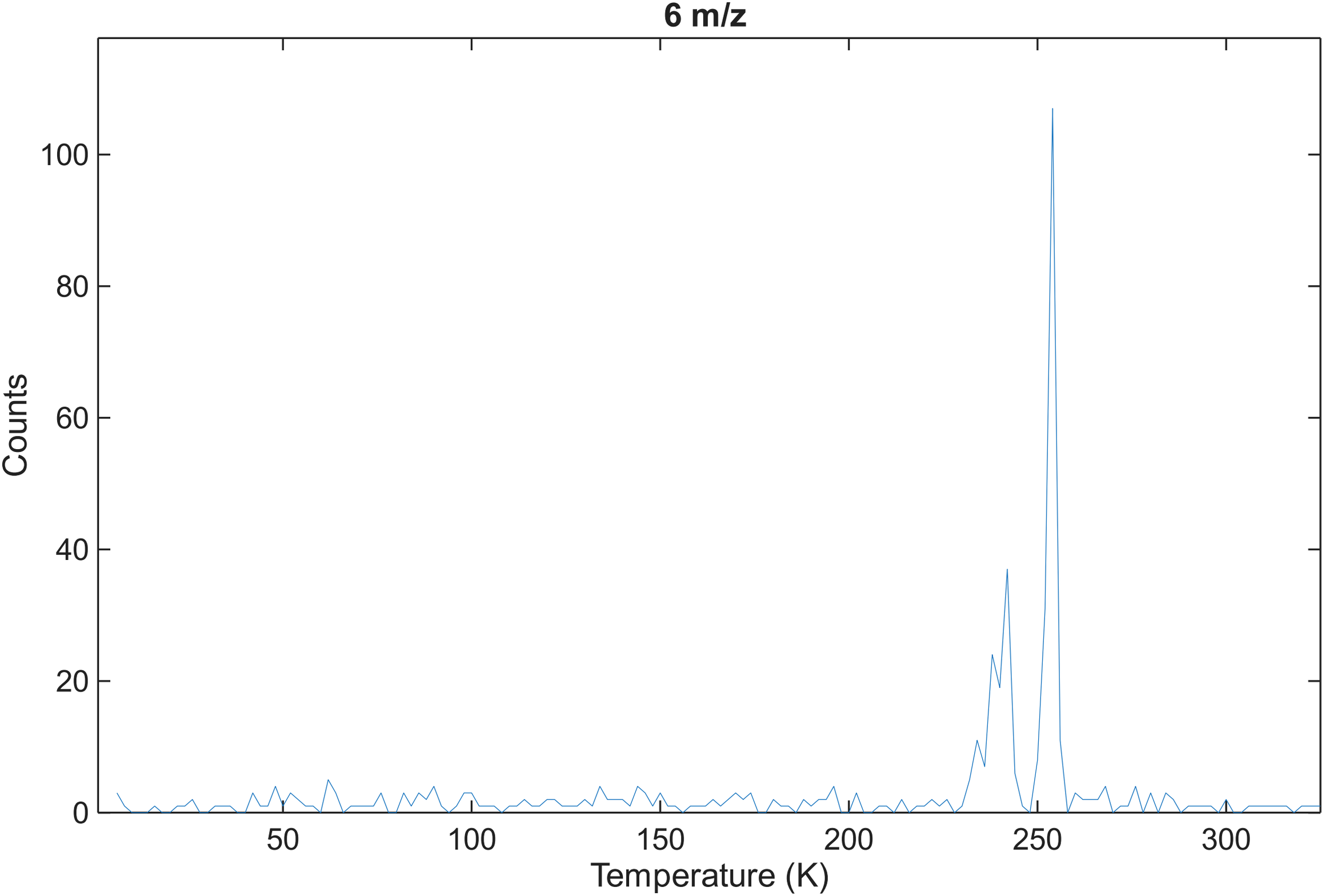

1 m/z
160
140
120
100
80
60
40
20
0
Counts
50
100
150
200
250
300
Temperature (K)

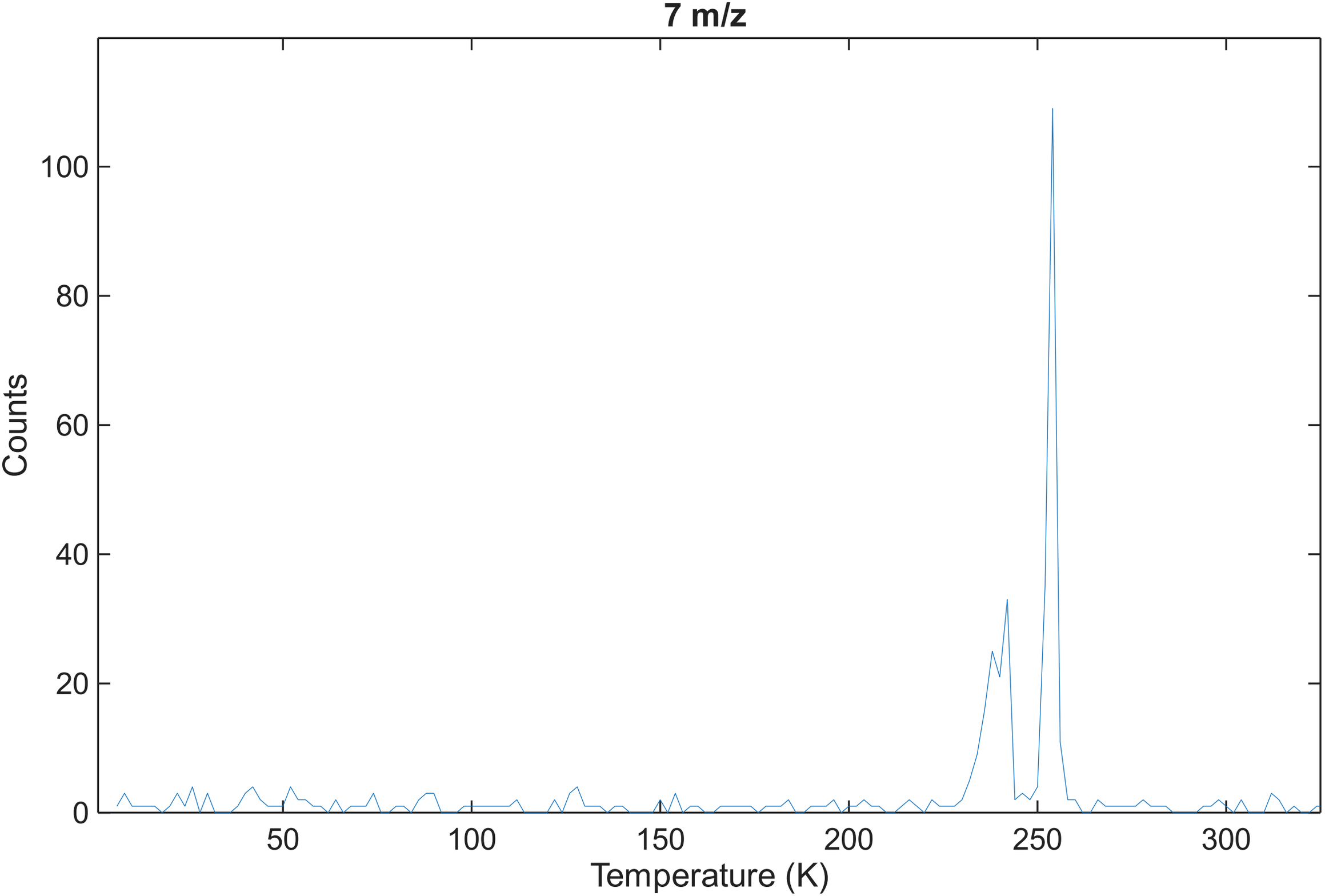

2 m/z
Counts
Temperature (K)
0
50
100
150
200
50
100
150
200
250
300

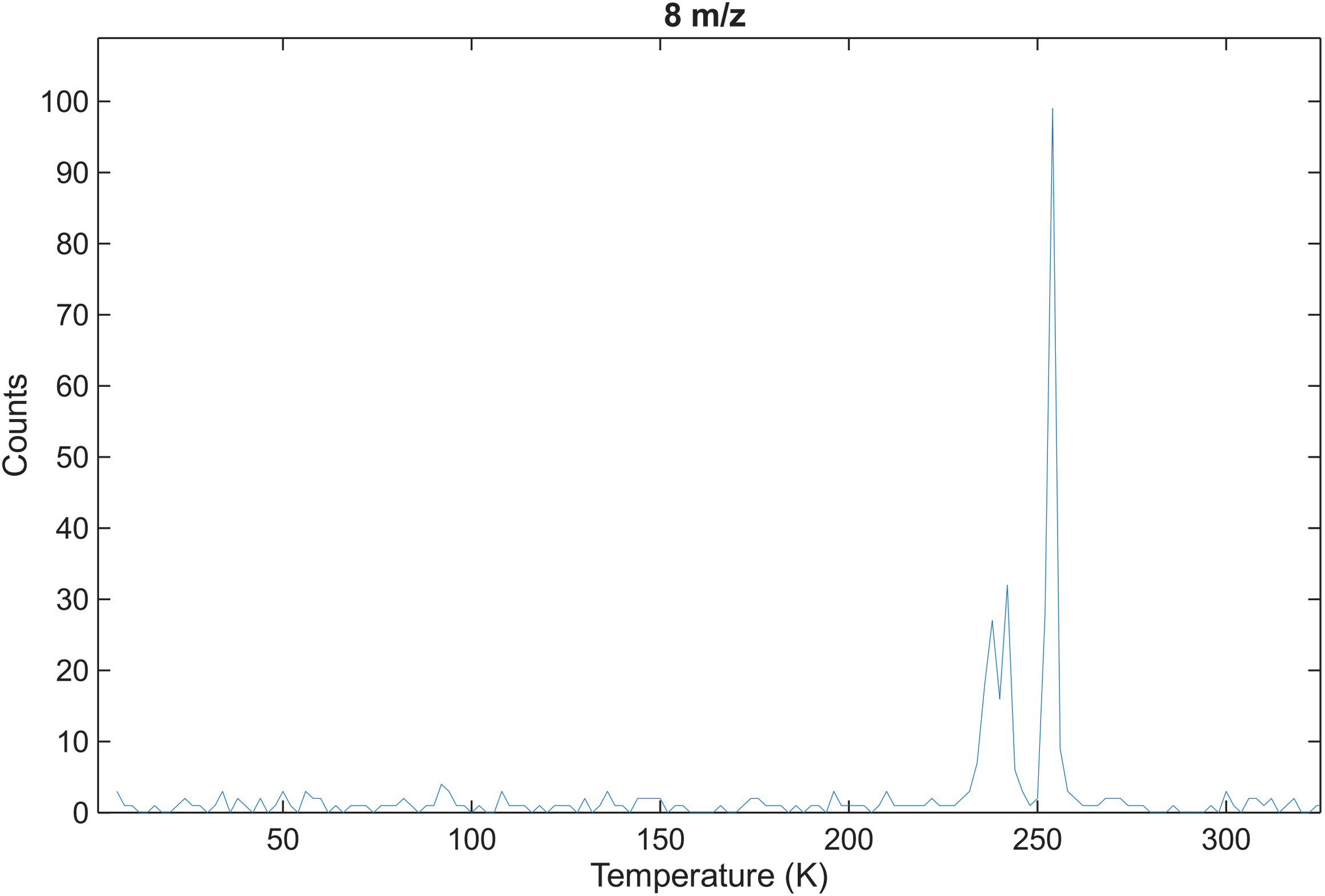

3 m/z
Counts
Temperature (K)
0
20
40
60
80
100
120
140
160
180
200
50
100
150
200
250
300

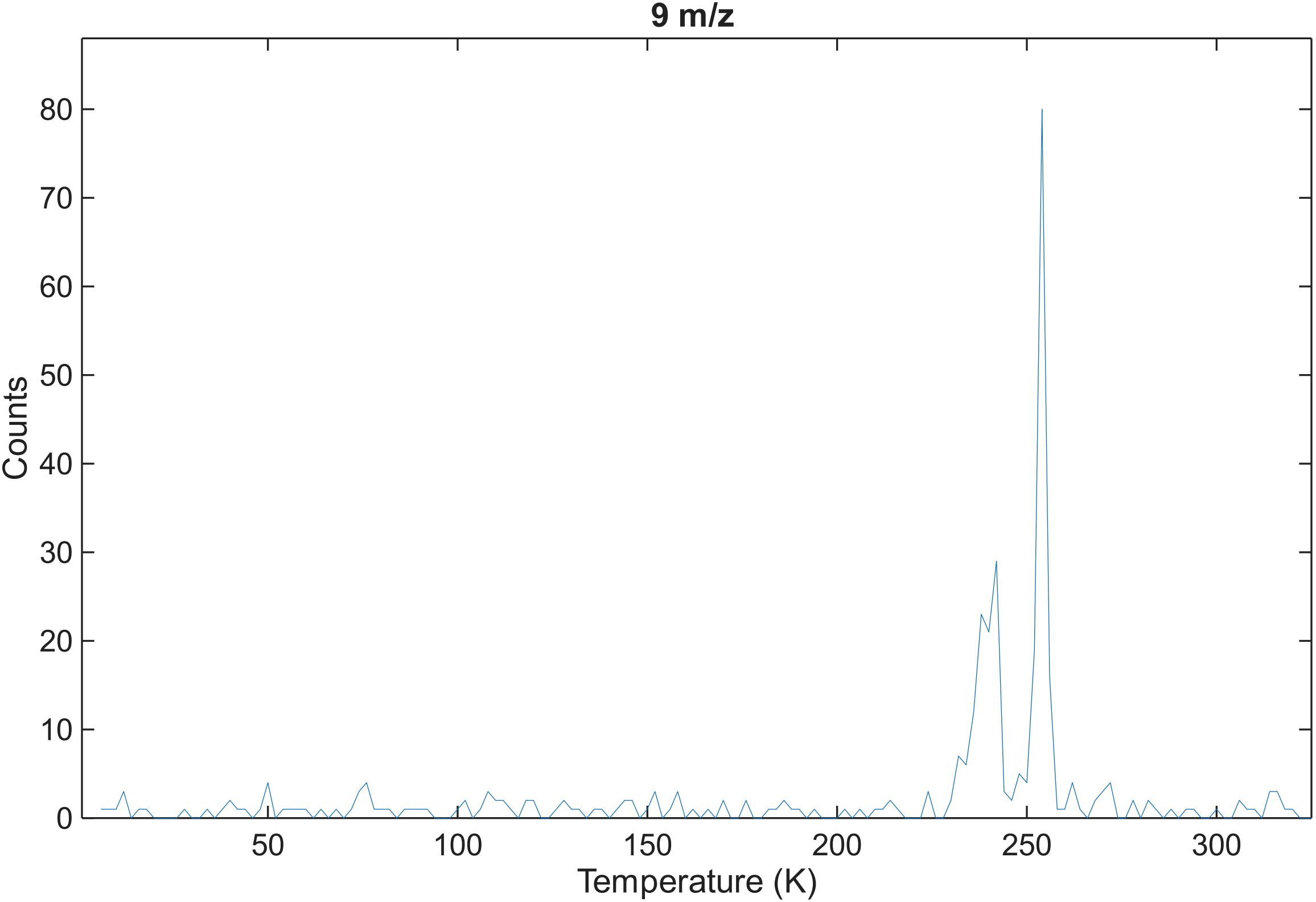

4 m/z
Counts
Temperature (K)
0
20
40
60
80
100
120
140
160
50
100
150
200
250
300

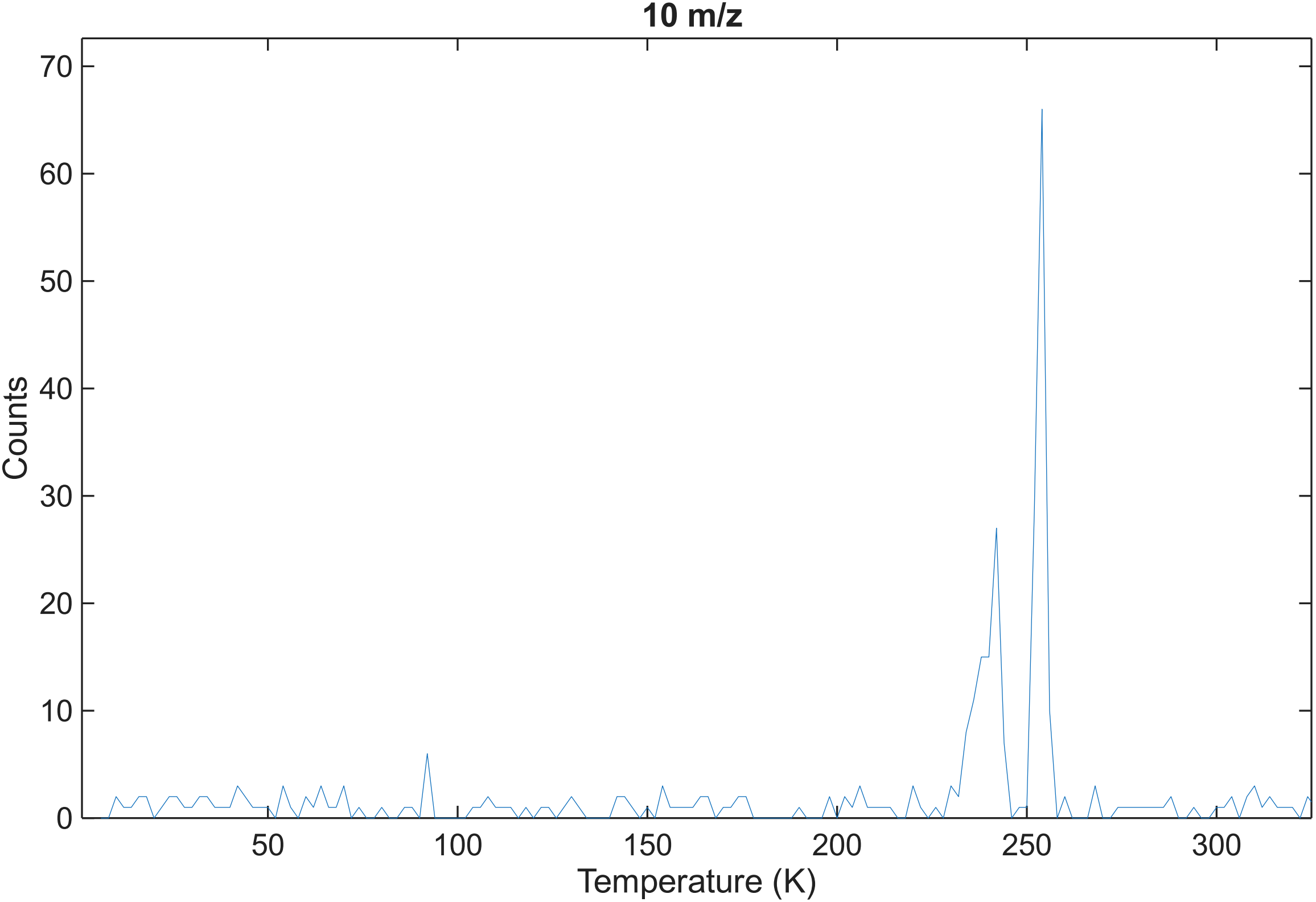

5 m/z
140
120
100
80
60
40
20
0
Counts
50
100
150
200
250
300
Temperature (K)

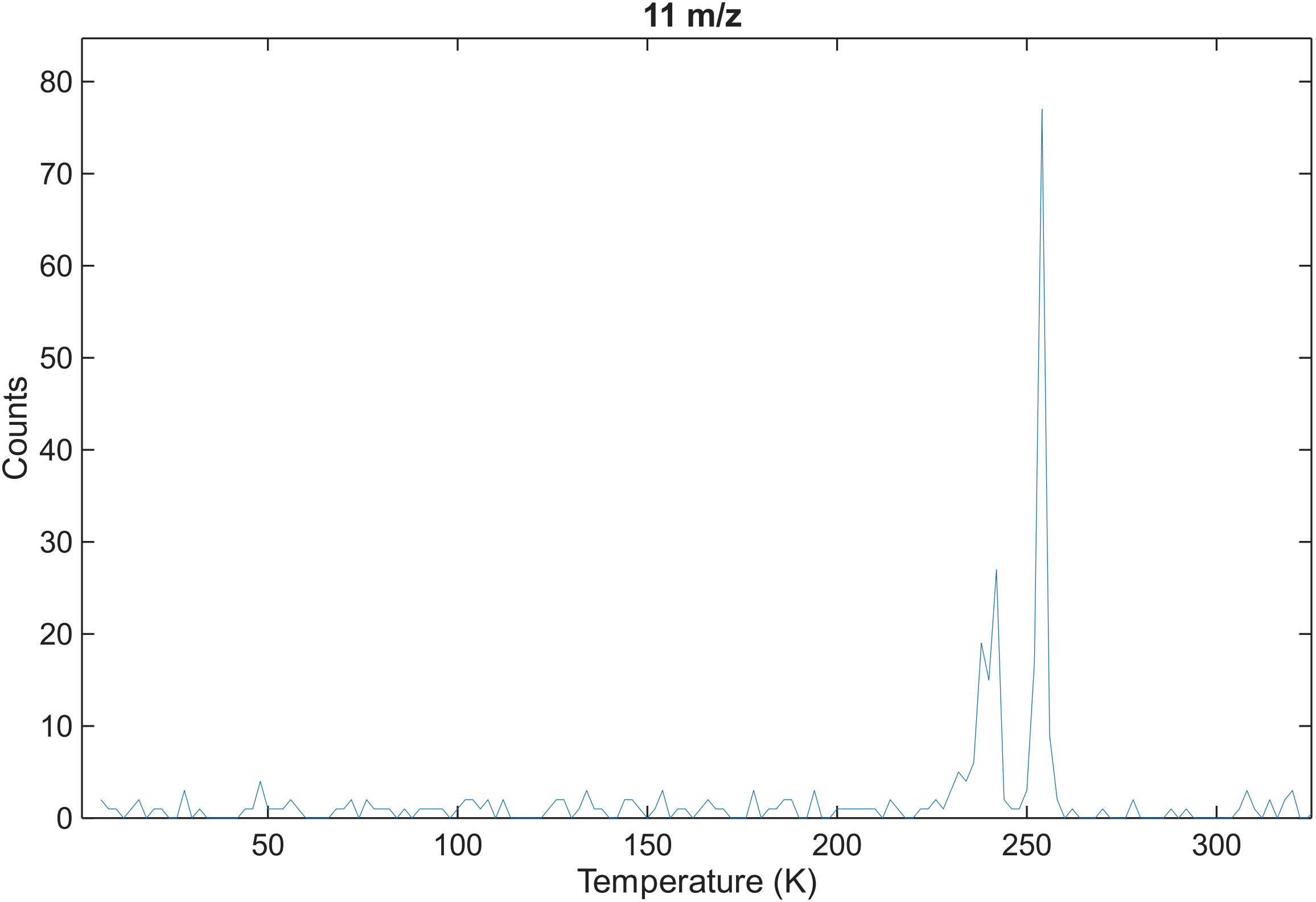

6 m/z
Counts
Temperature (K)
0
20
40
60
80
100
50
100
150
200
250
300

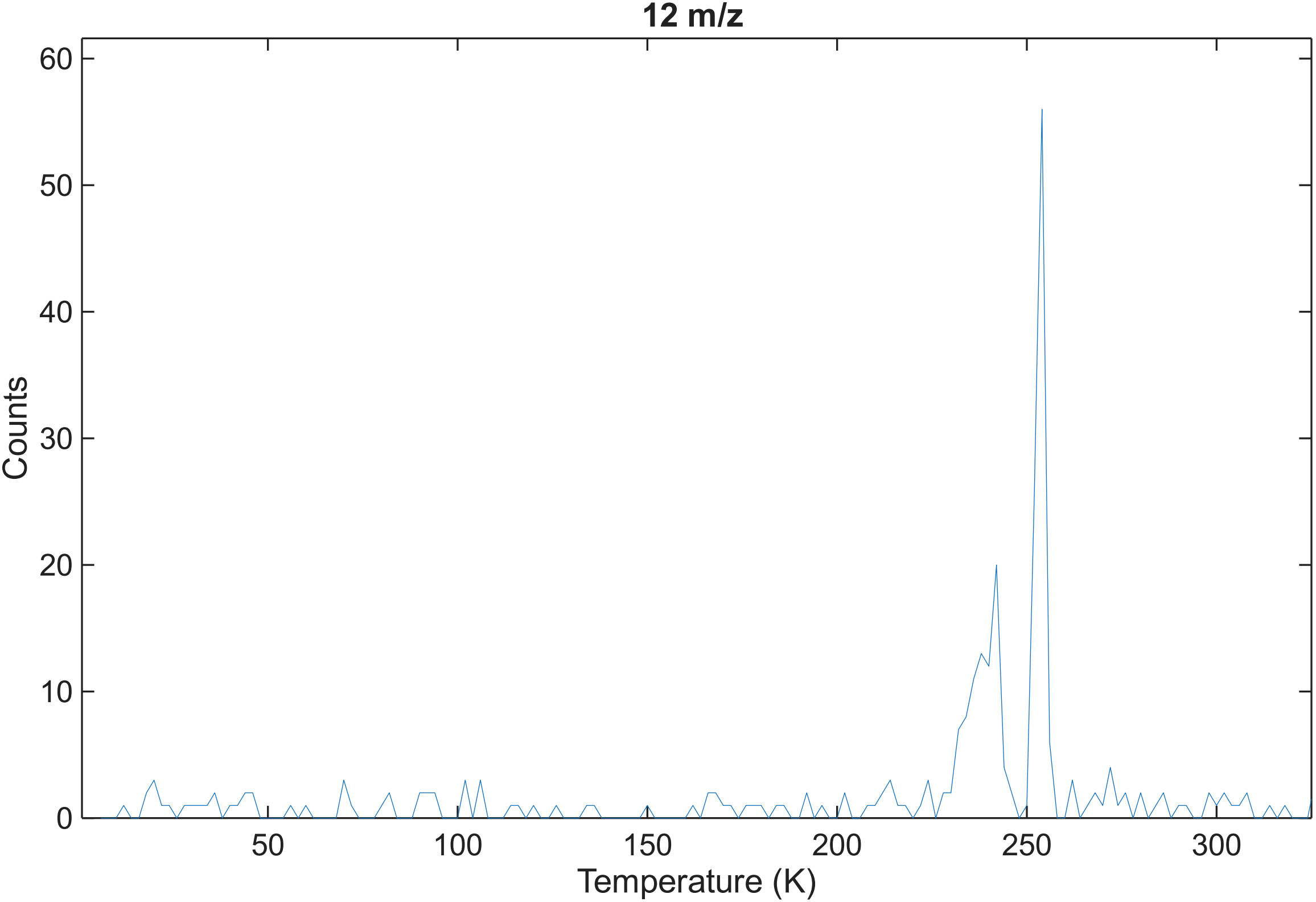

7 m/z
Counts
Temperature (K)
0
20
40
60
80
100
50
100
150
200
250
300

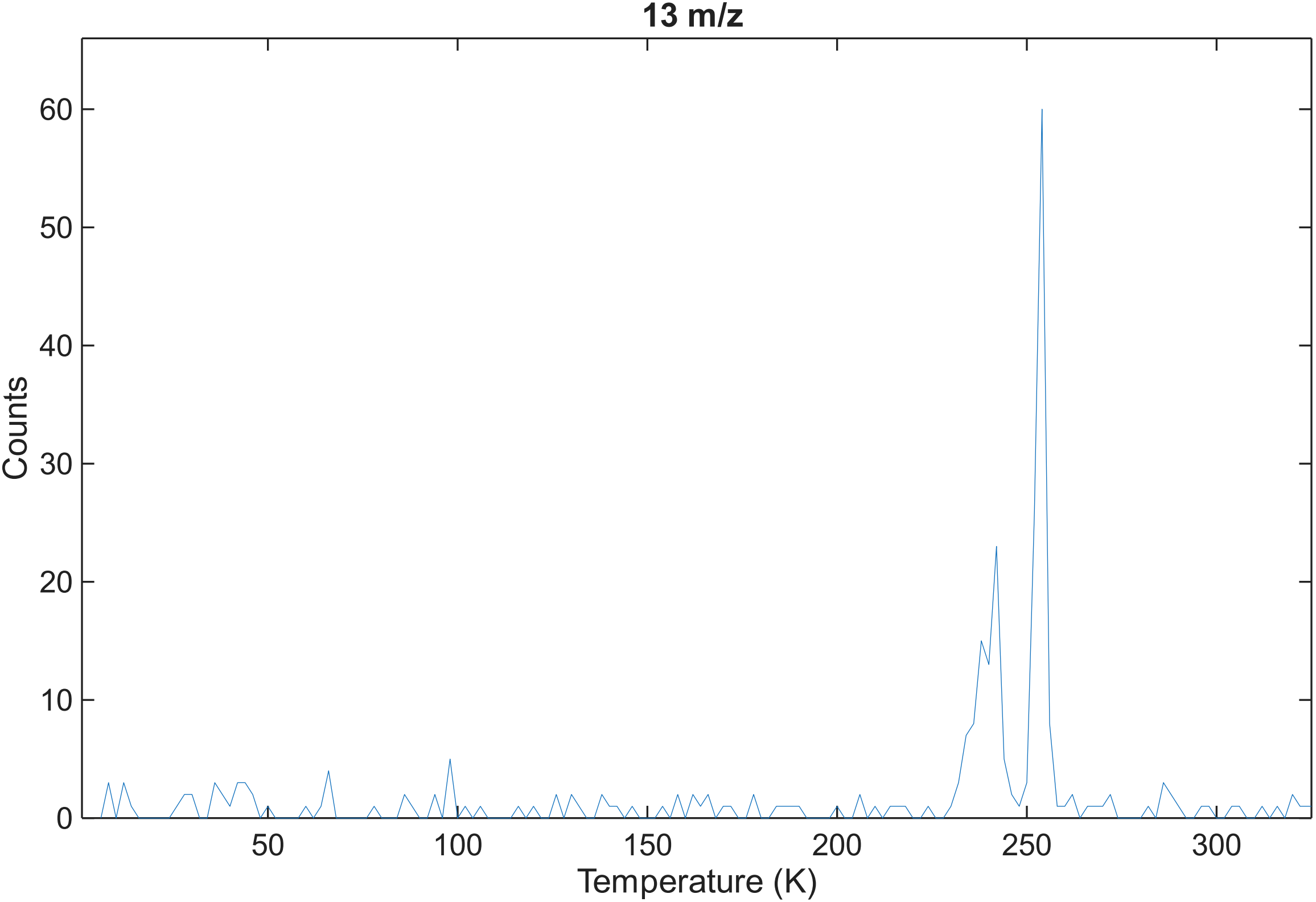

8 m/z
Counts
Temperature (K)
0
10
20
30
40
50
60
70
80
90
100
50
100
150
200
250
300

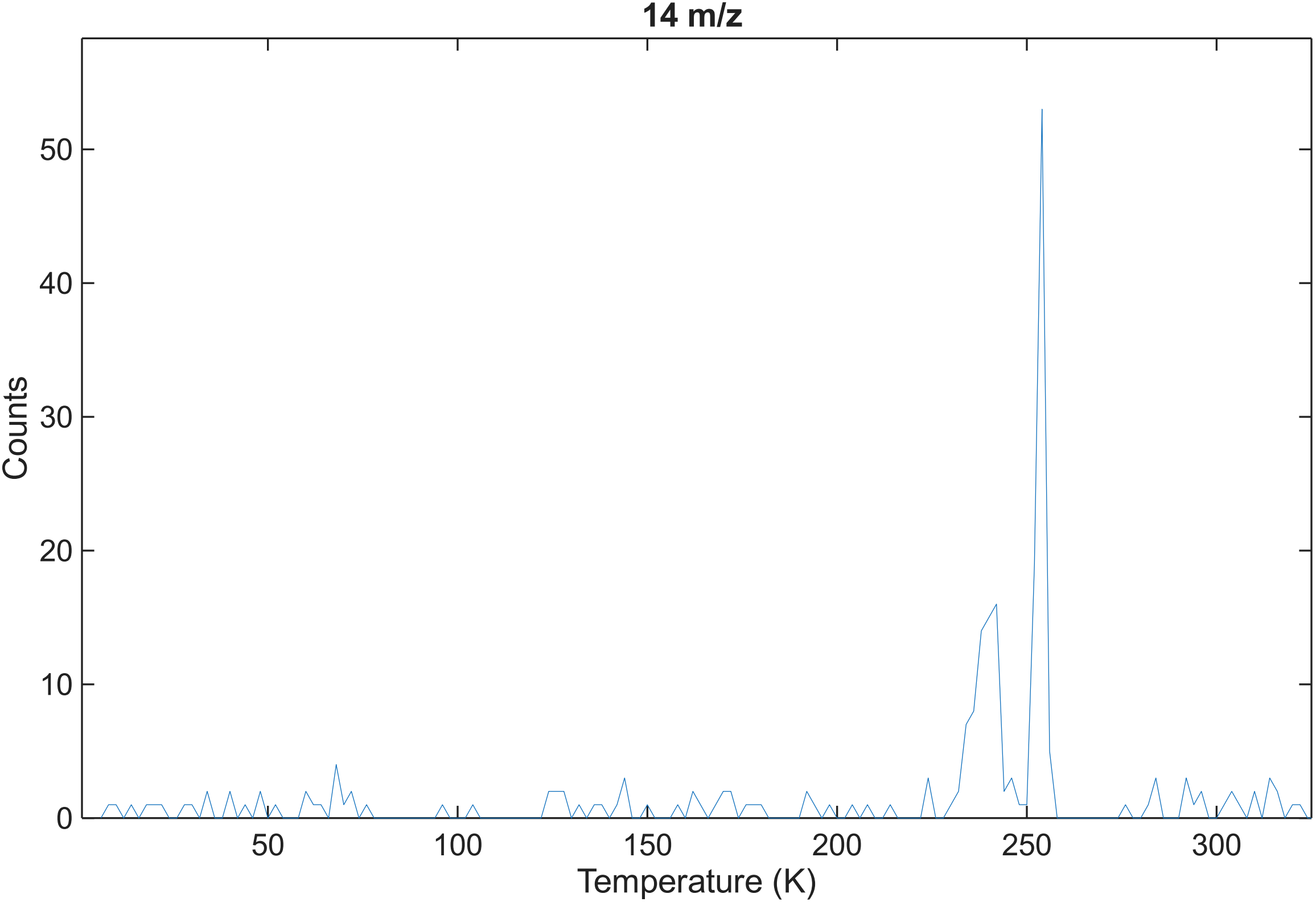

9 m/z
Counts
Temperature (K)
0
10
20
30
40
50
60
70
80
50
100
150
200
250
300

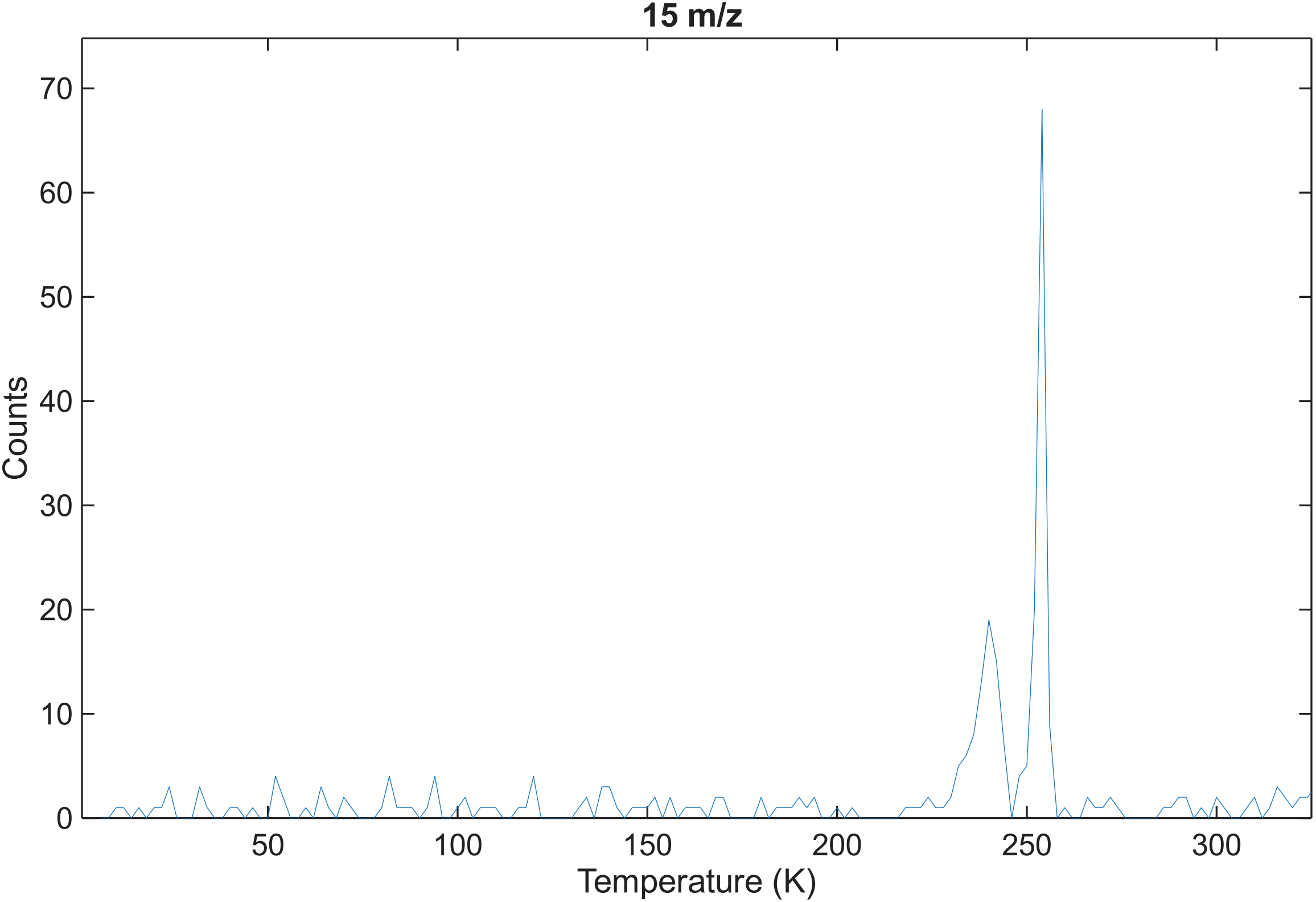

10 m/z
70
60
50
40
30
20
10
0
Counts
50
100
150
200
250
300
Temperature (K)

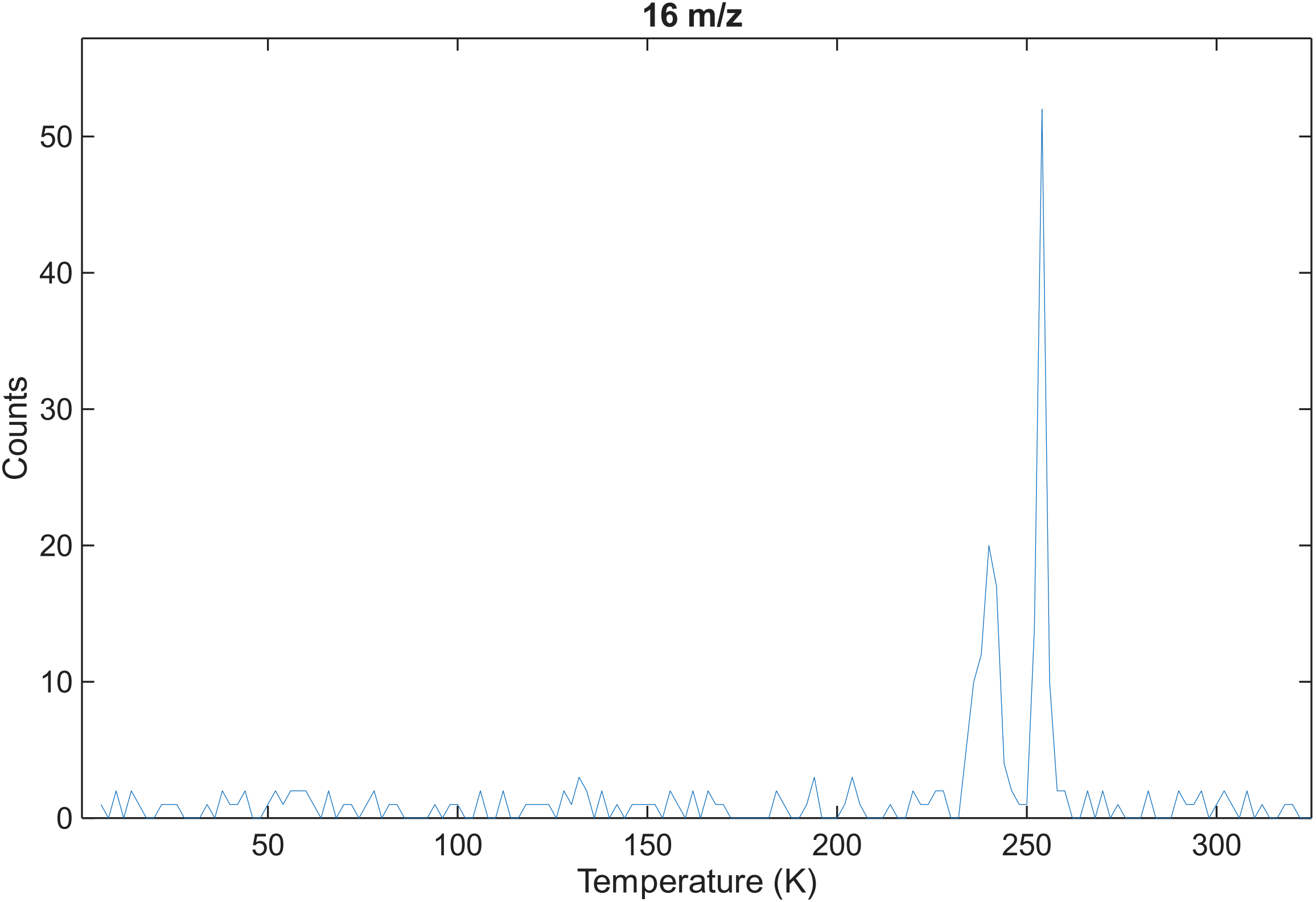

11 m/z
Counts
Temperature (K)
0
10
20
30
40
50
60
70
80
50
100
150
200
250
300

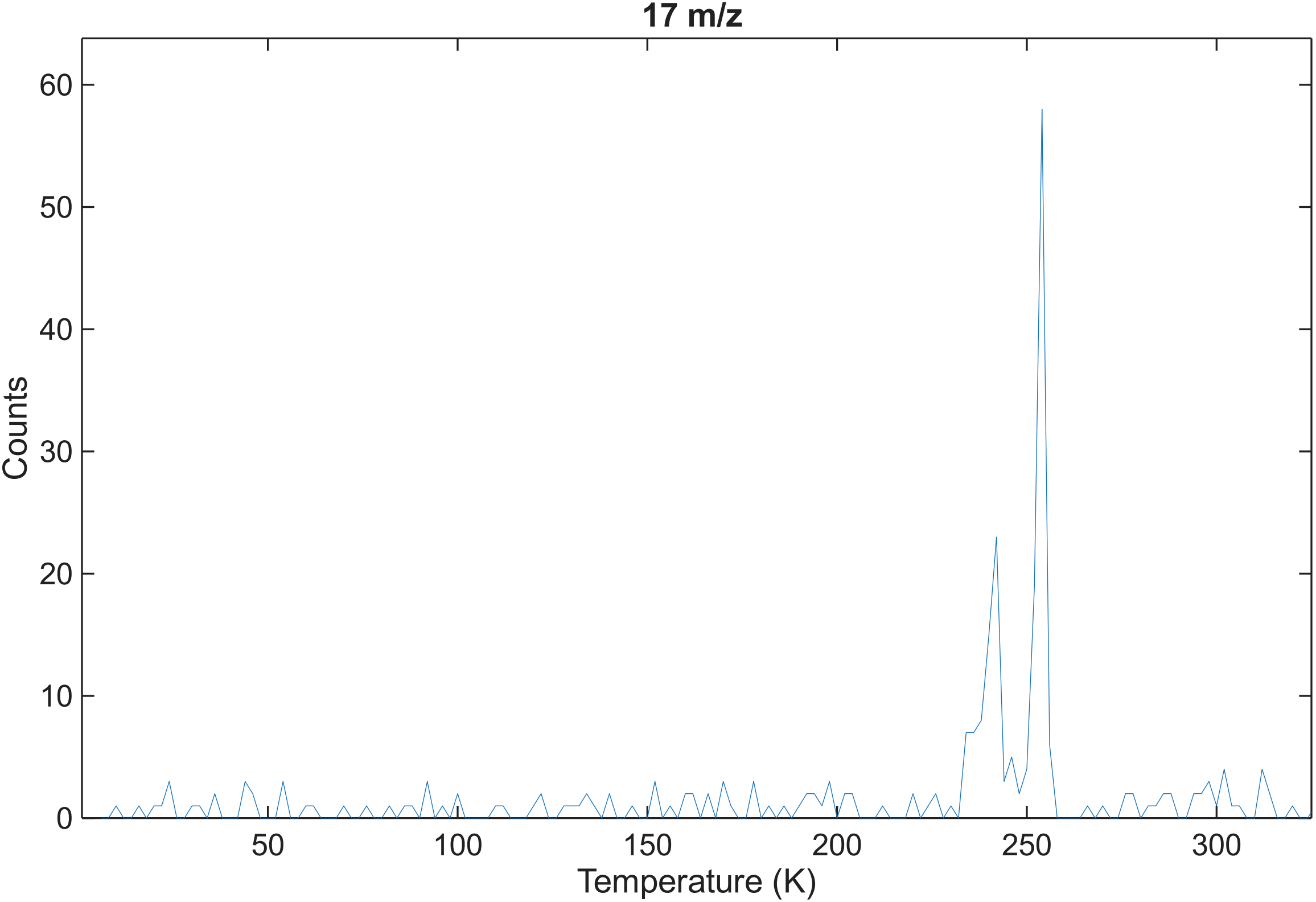

12 m/z
Counts
Temperature (K)
0
10
20
30
40
50
60
50
100
150
200
250
300

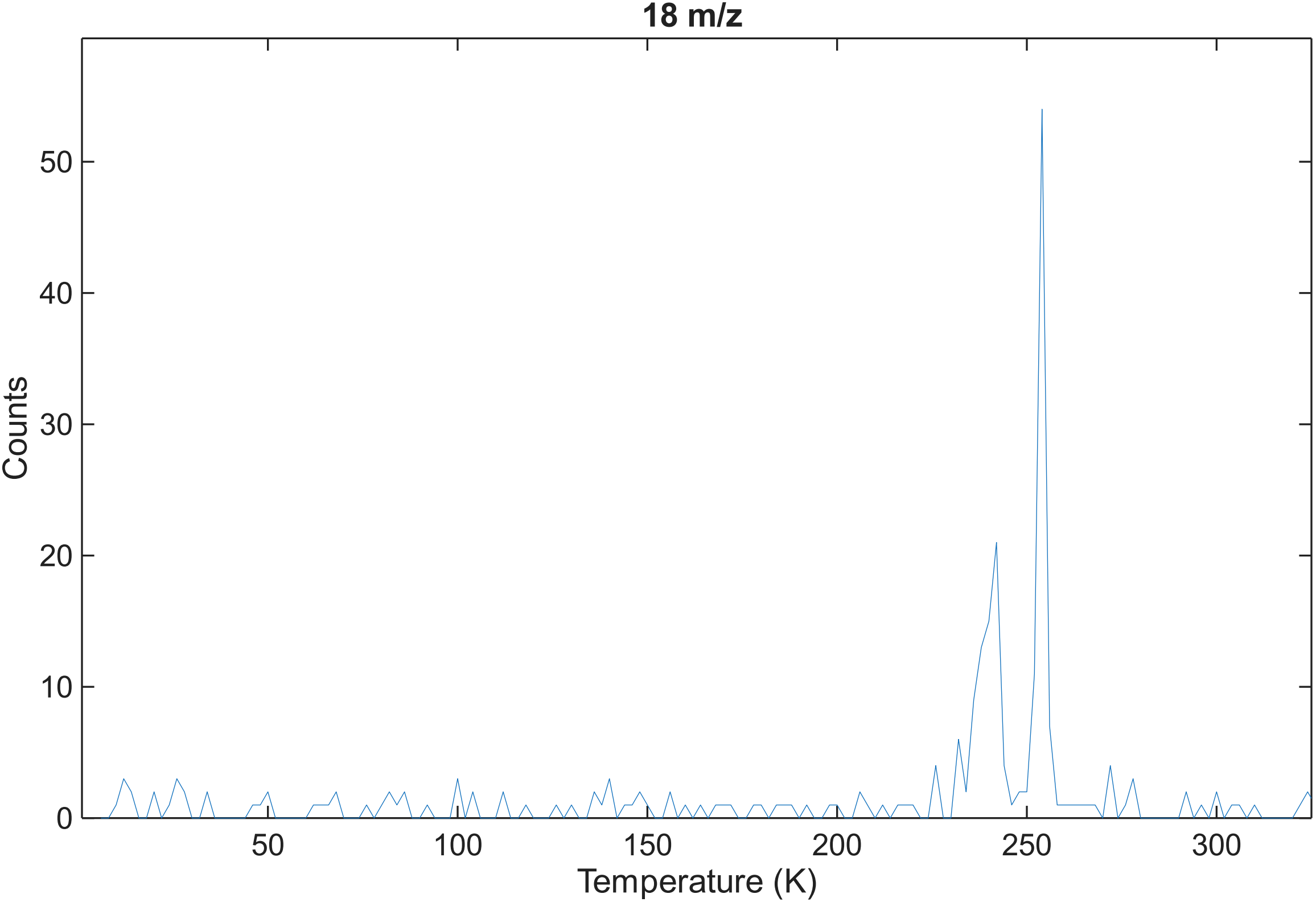

13 m/z
Counts
Temperature (K)
0
10
20
30
40
50
60
50
100
150
200
250
300

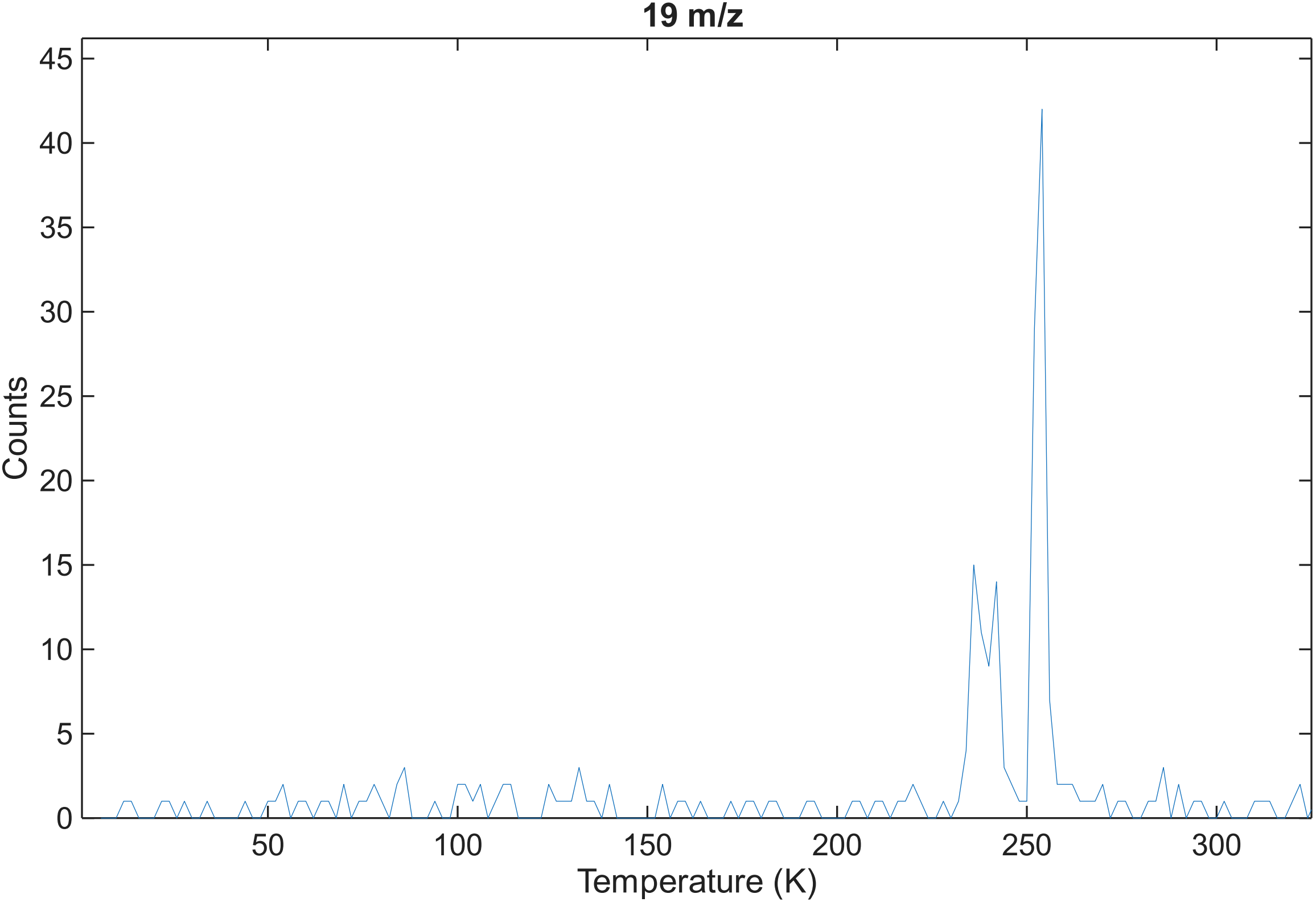

14 m/z
Counts
Temperature (K)
0
10
20
30
40
50
50
100
150
200
250
300

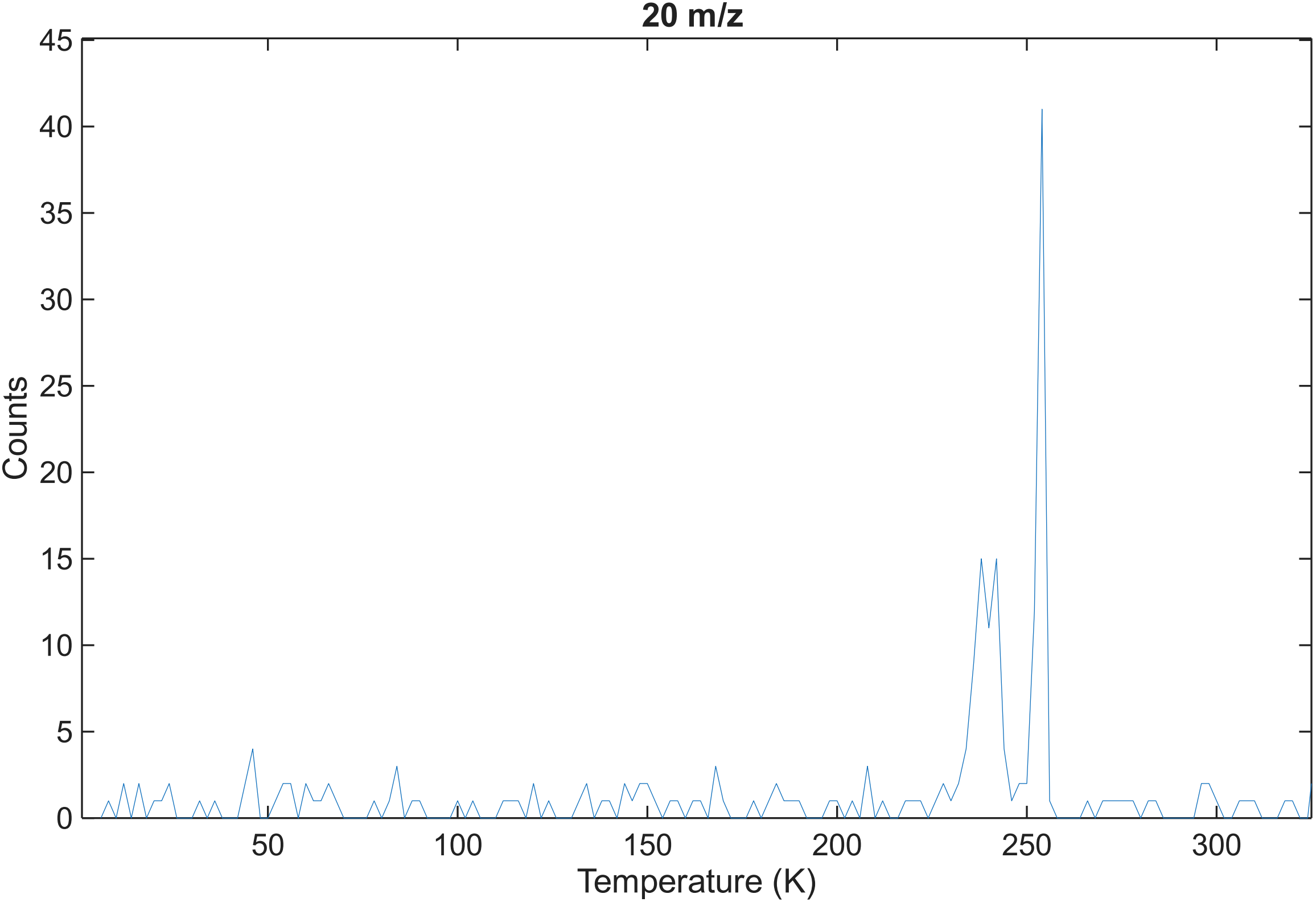

15 m/z
70
60
50
40
30
20
10
0
Counts
50
100
150
200
250
300
Temperature (K)

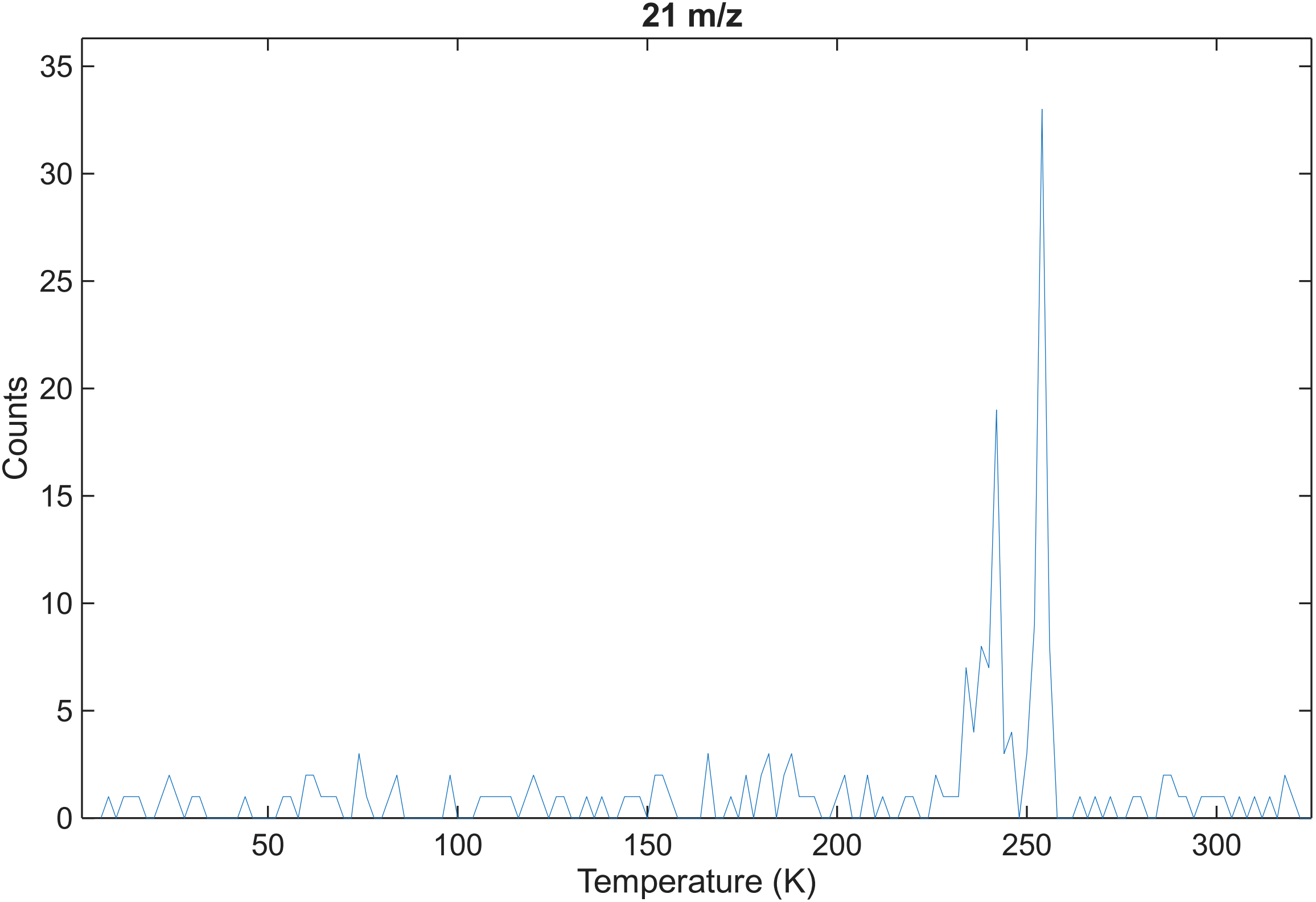

16 m/z
Counts
Temperature (K)
0
10
20
30
40
50
50
100
150
200
250
300

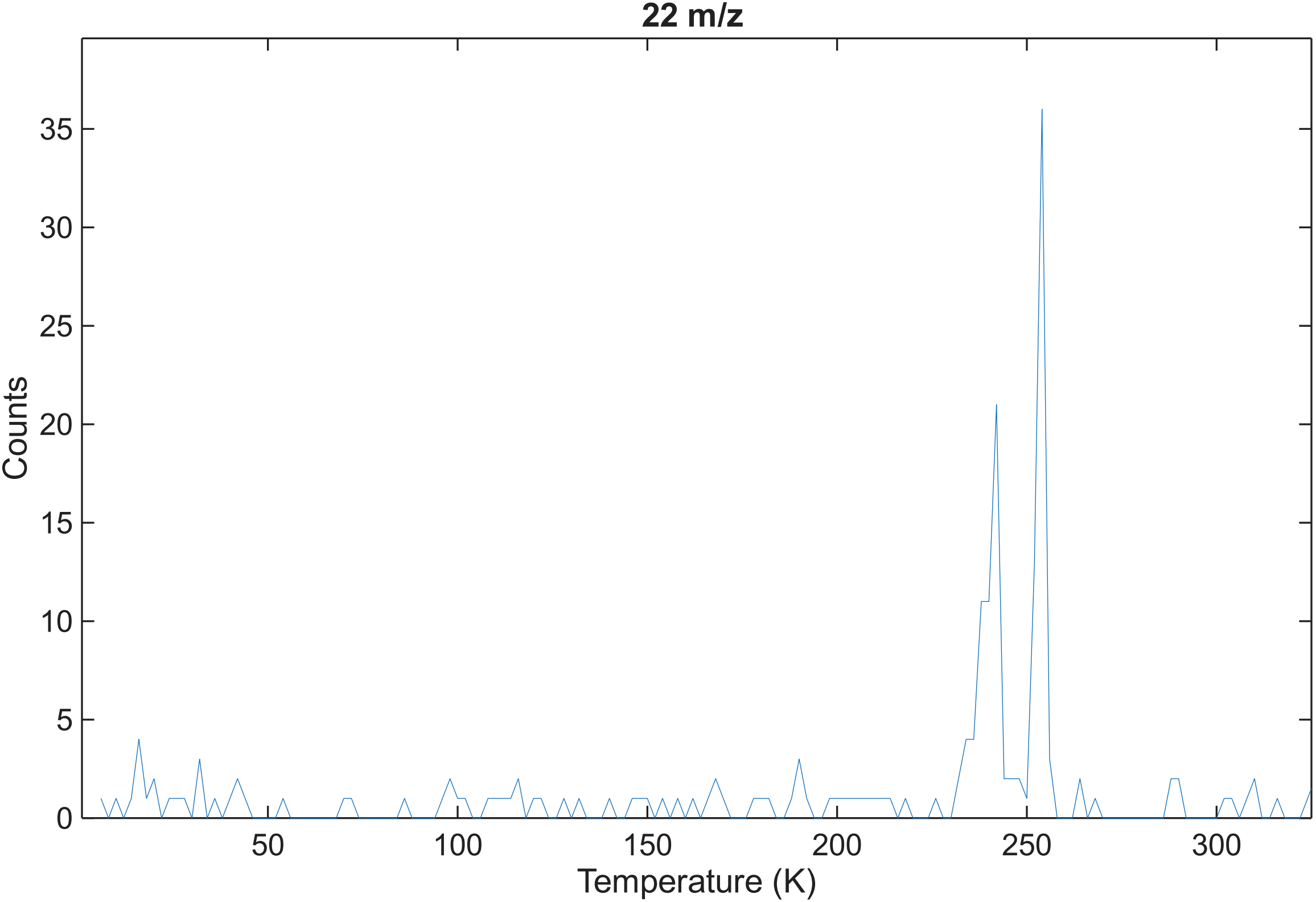

17 m/z
Counts
Temperature (K)
0
10
20
30
40
50
60
50
100
150
200
250
300


18 m/z
Counts
Temperature (K)
0
10
20
30
40
50
50
100
150
200
250
300


19 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
40
45
50
100
150
200
250
300


20 m/z
45
40
35
30
25
20
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)


21 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
200
250
300


22 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
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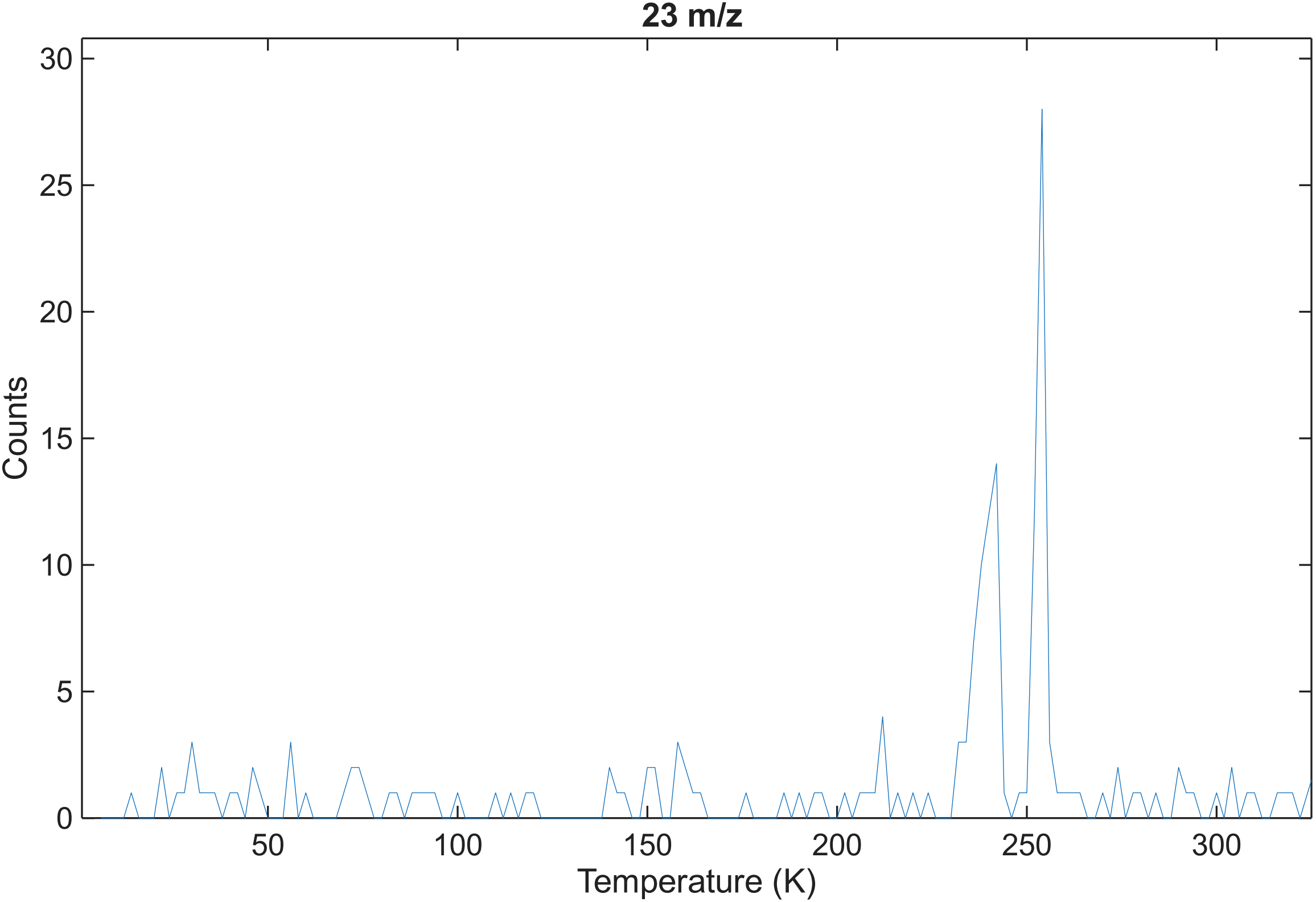
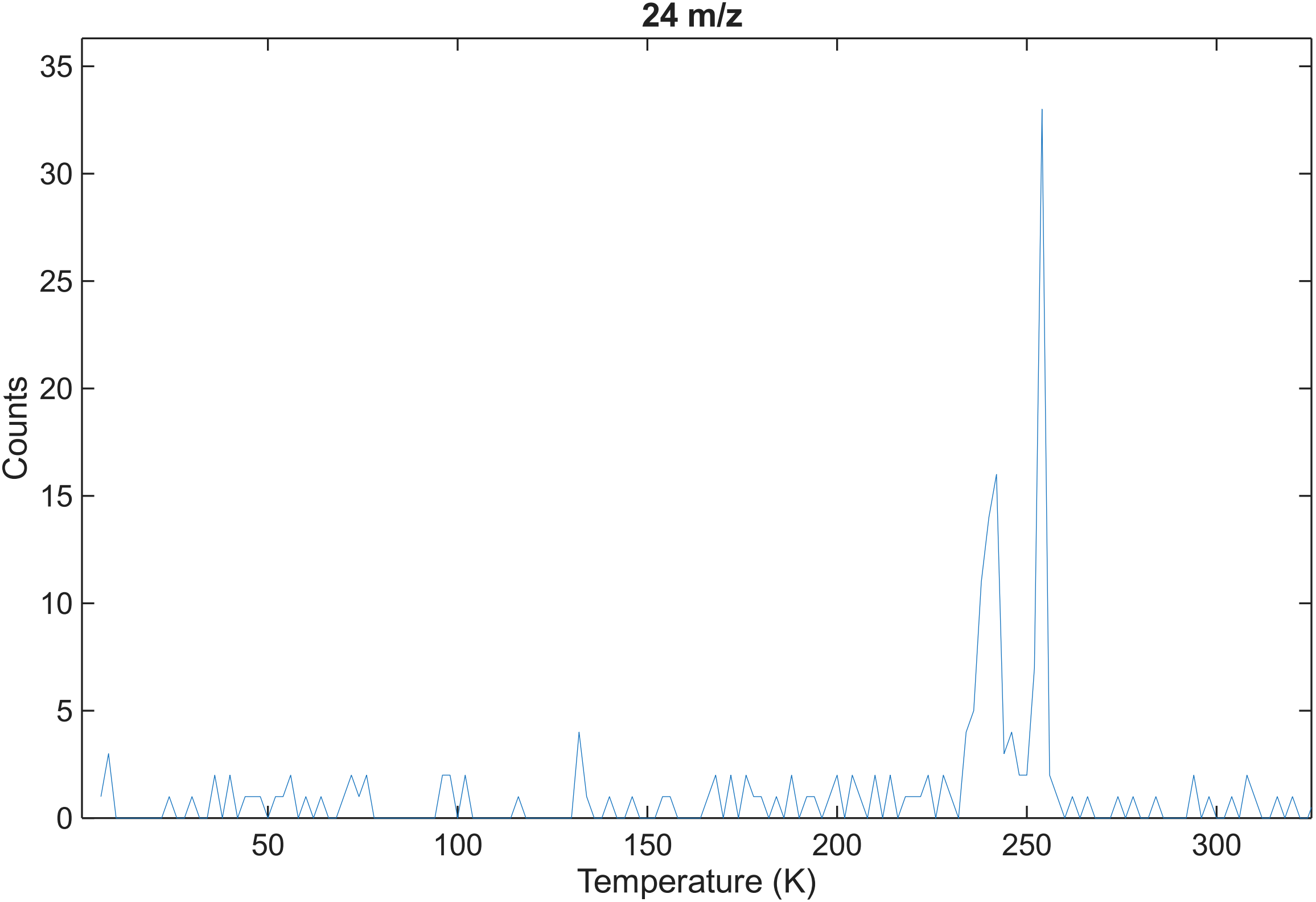
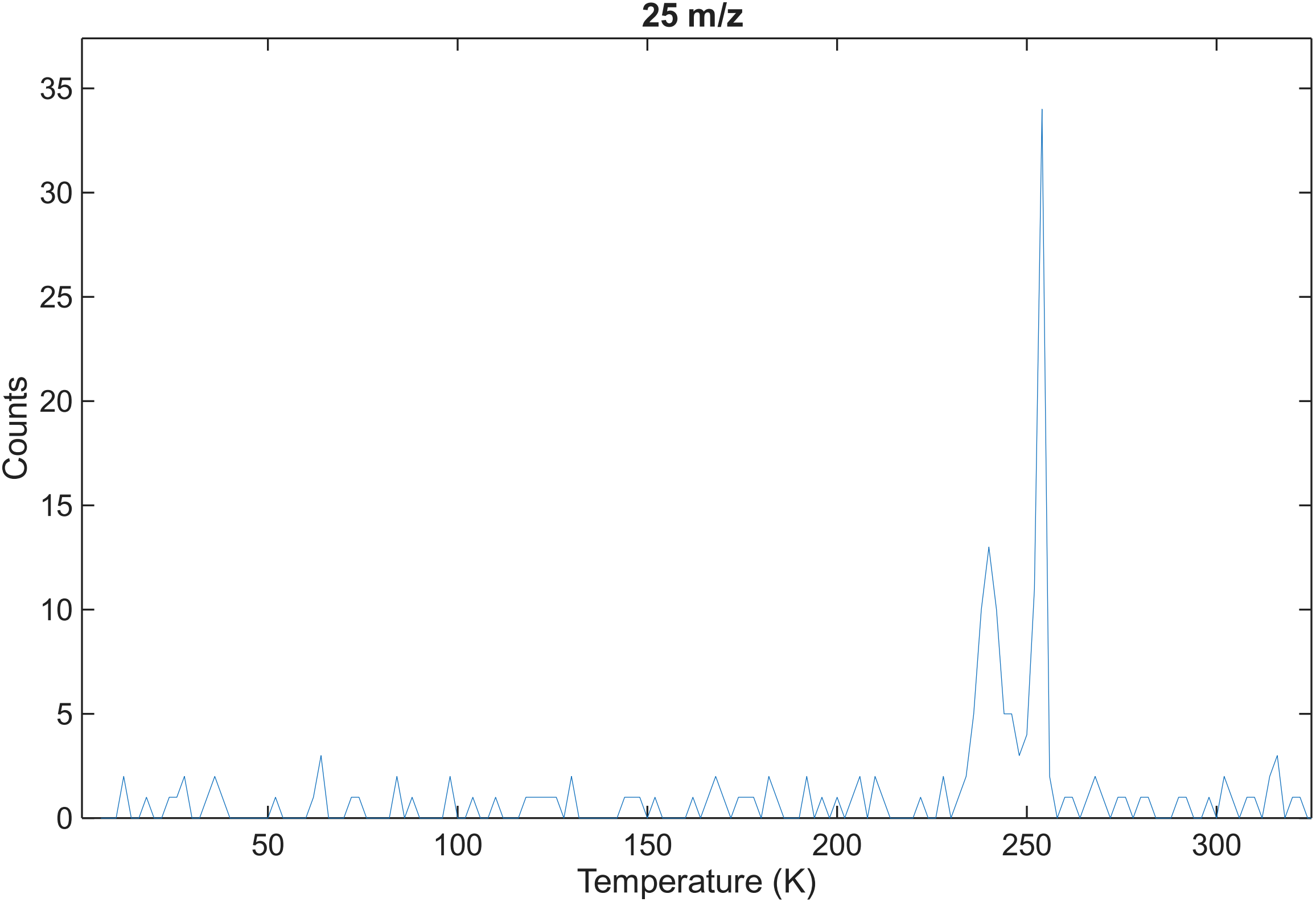
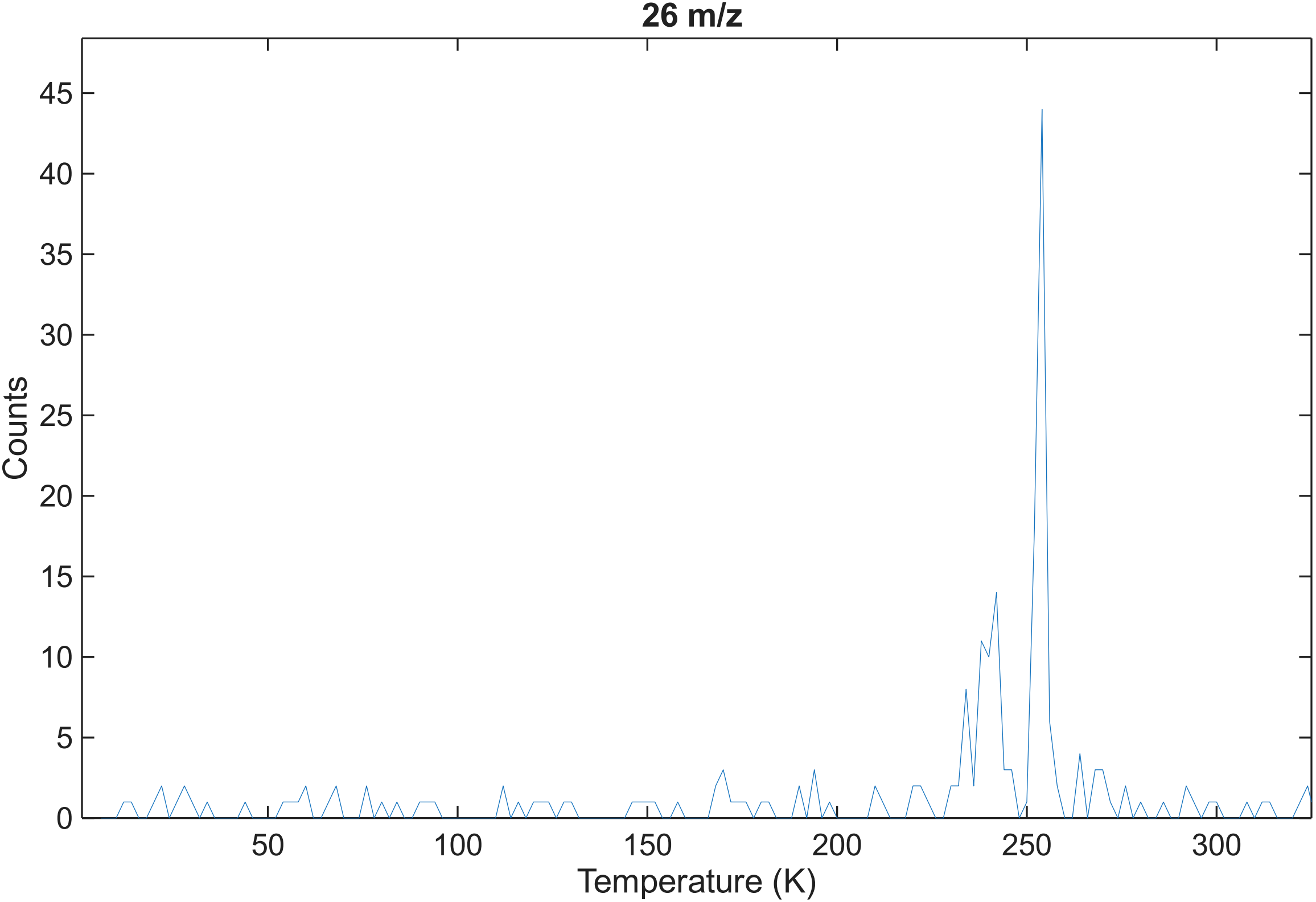
250
300


23 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300


24 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
200
250
300


25 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
200
250
300


26 m/z
Counts
Temperature (K)
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5
10
15
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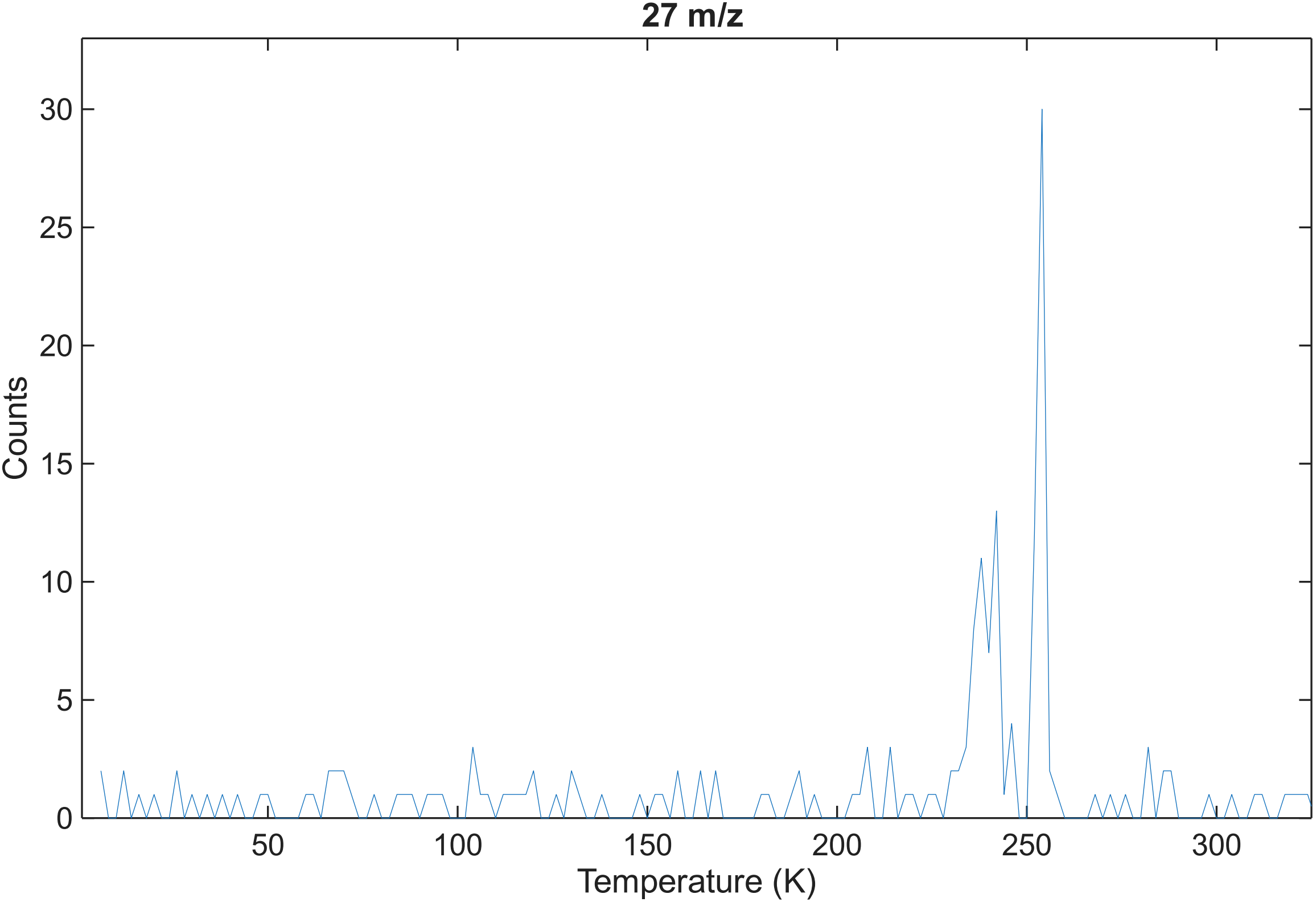
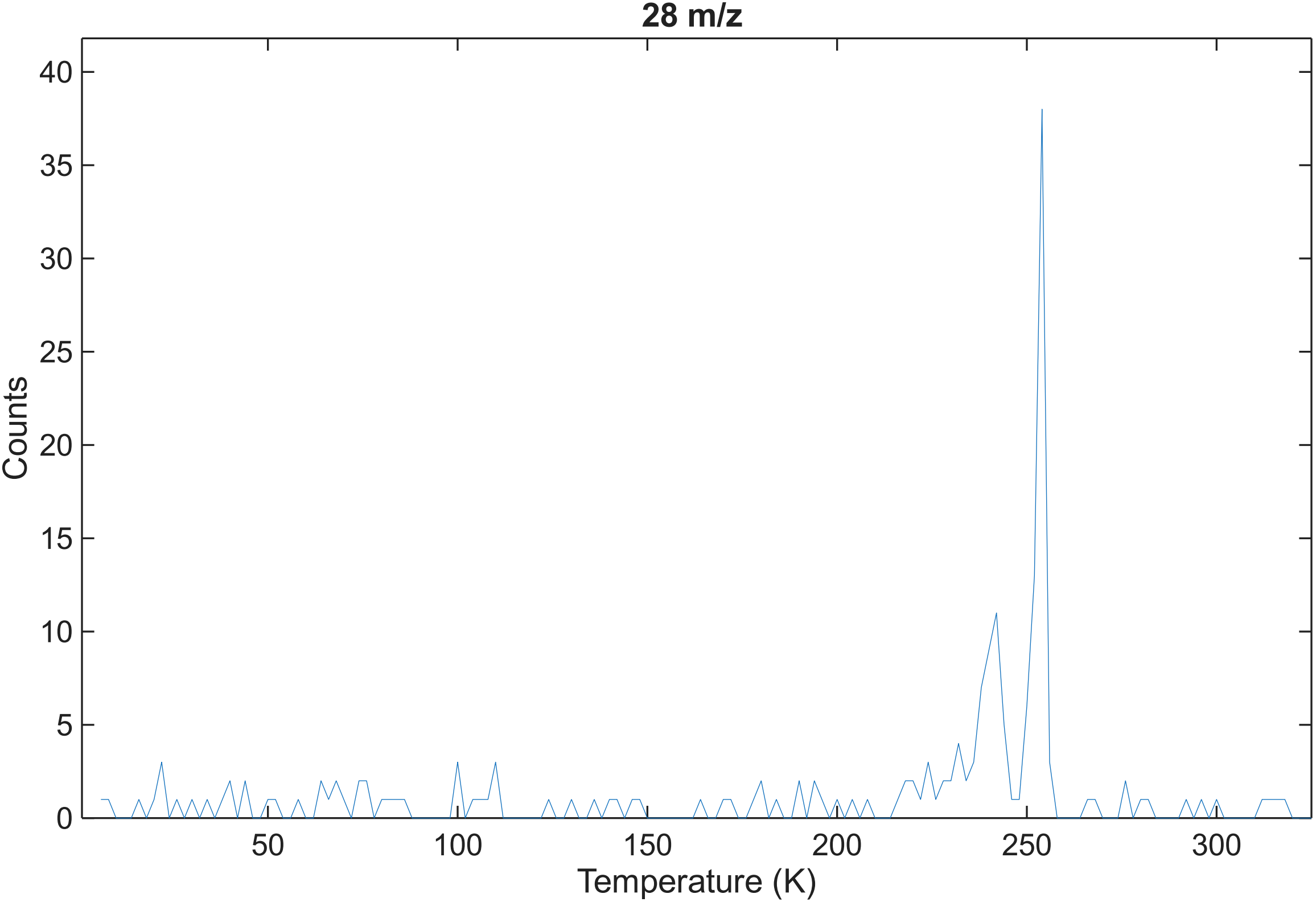
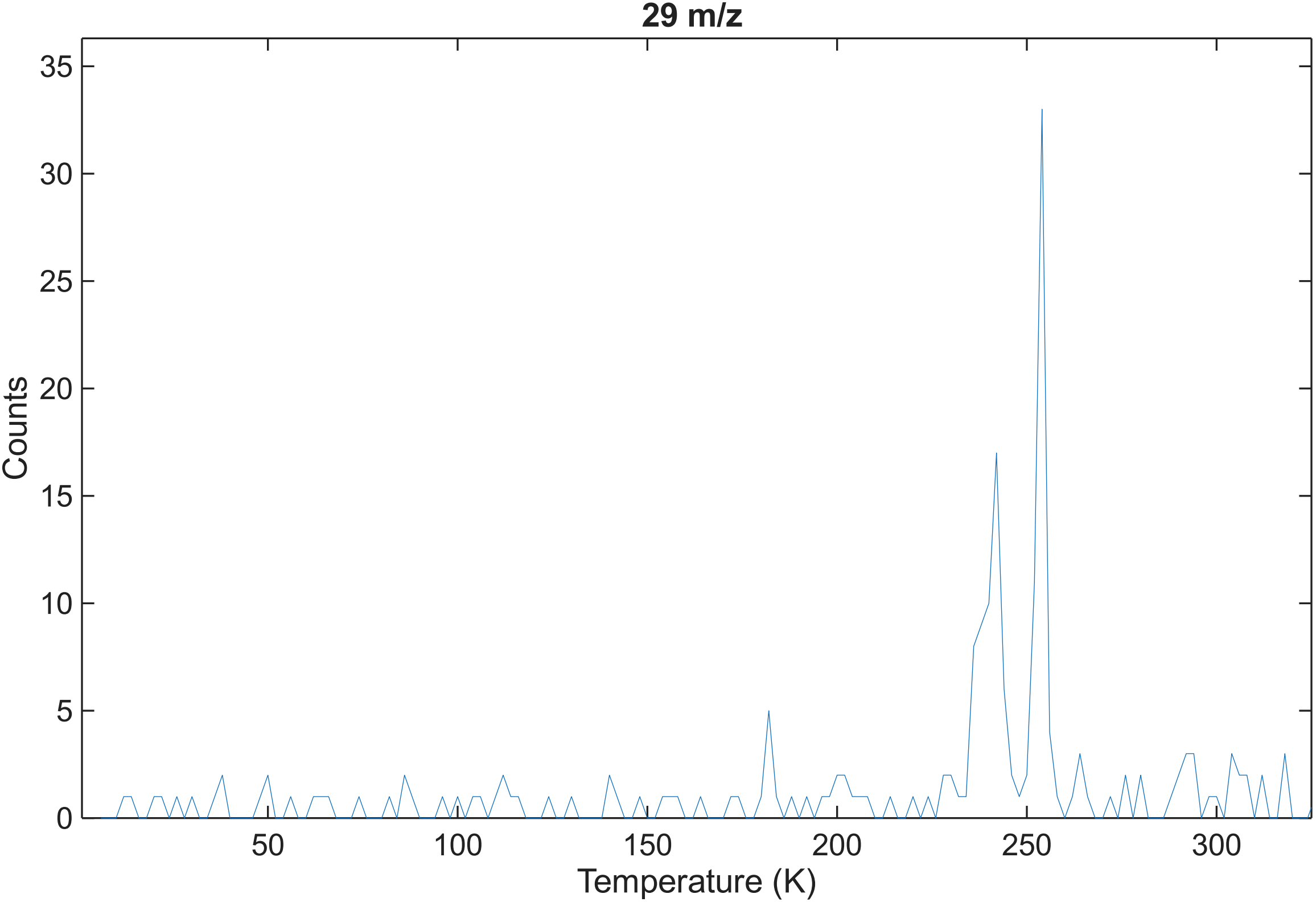
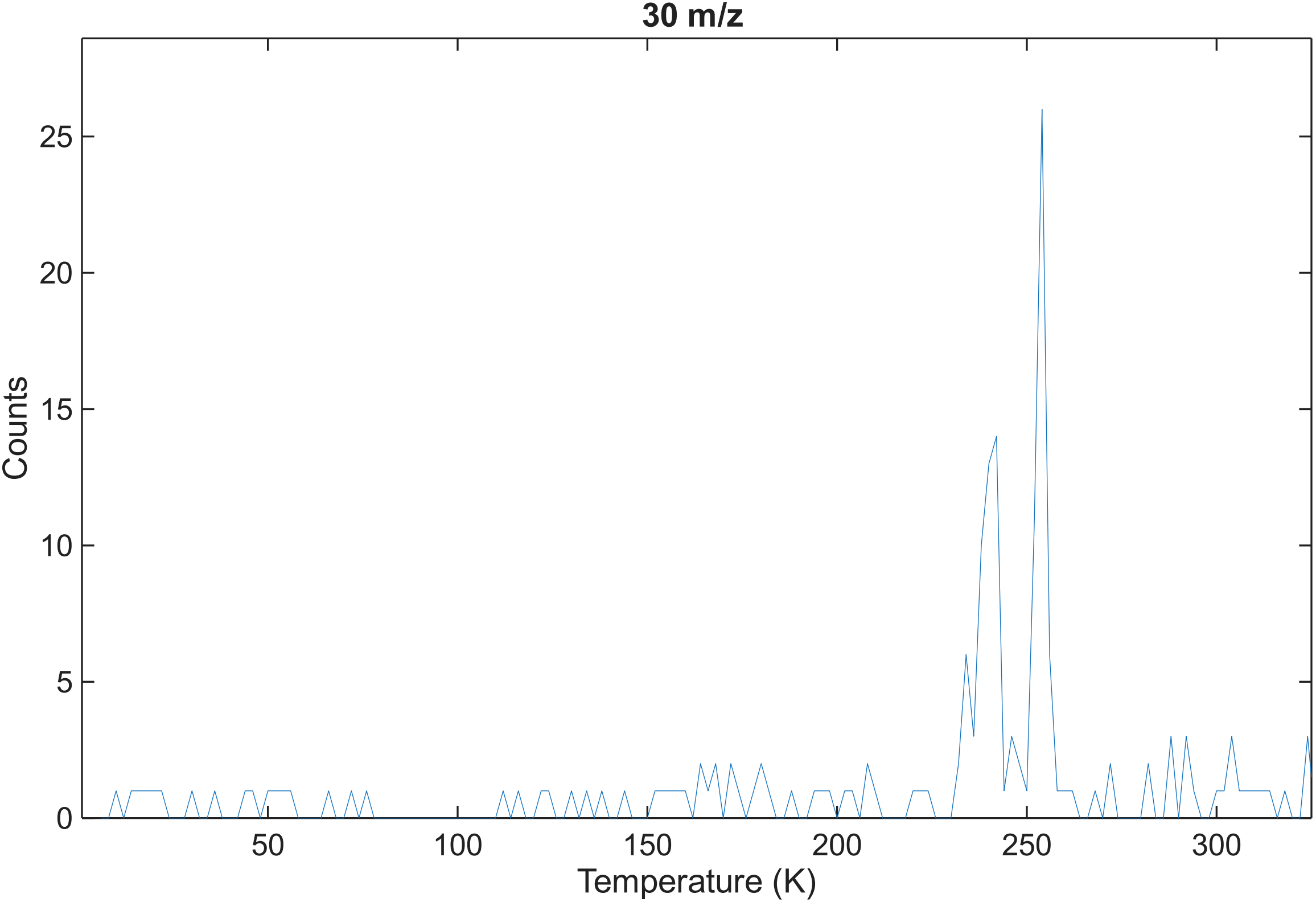
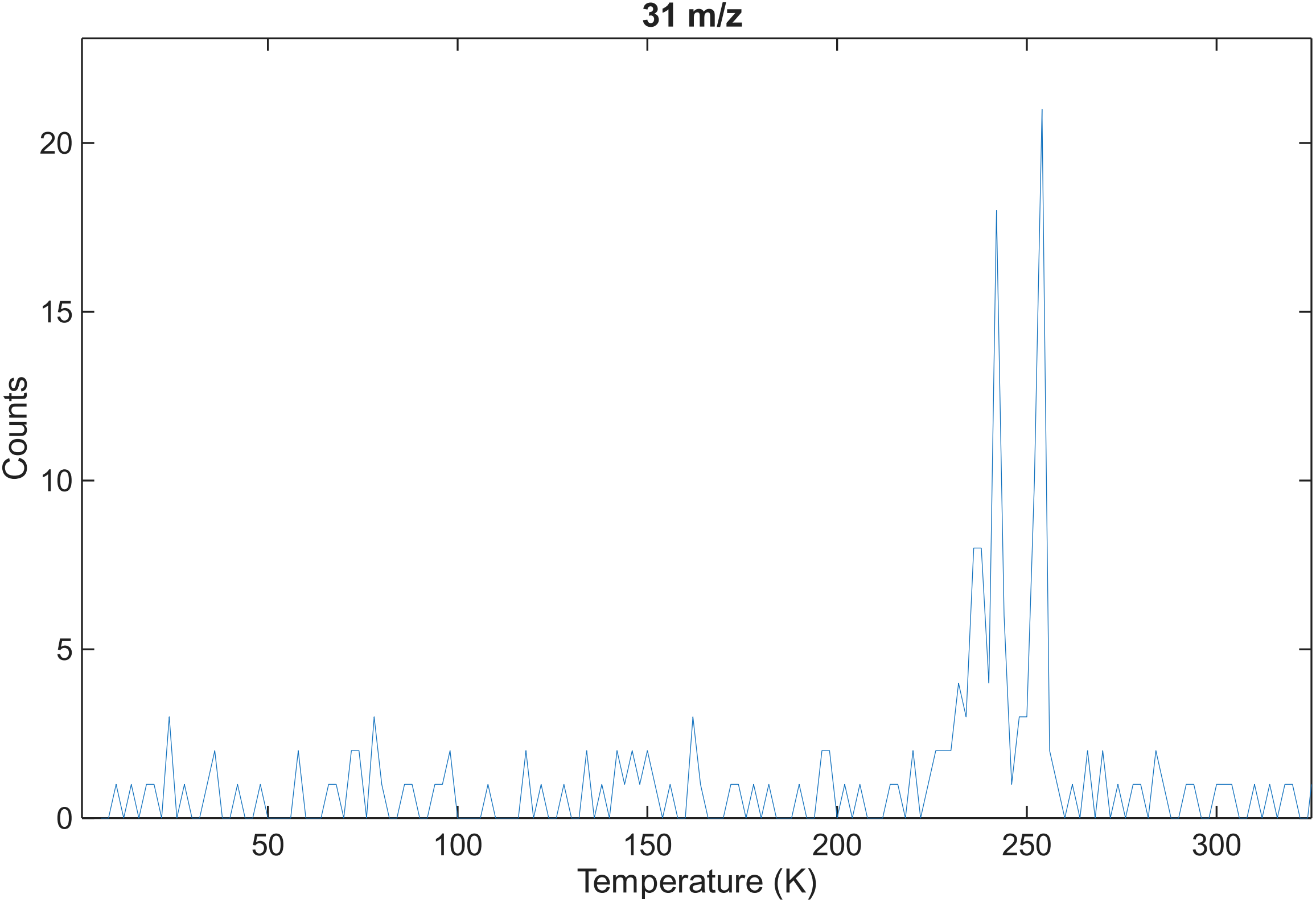
250
300

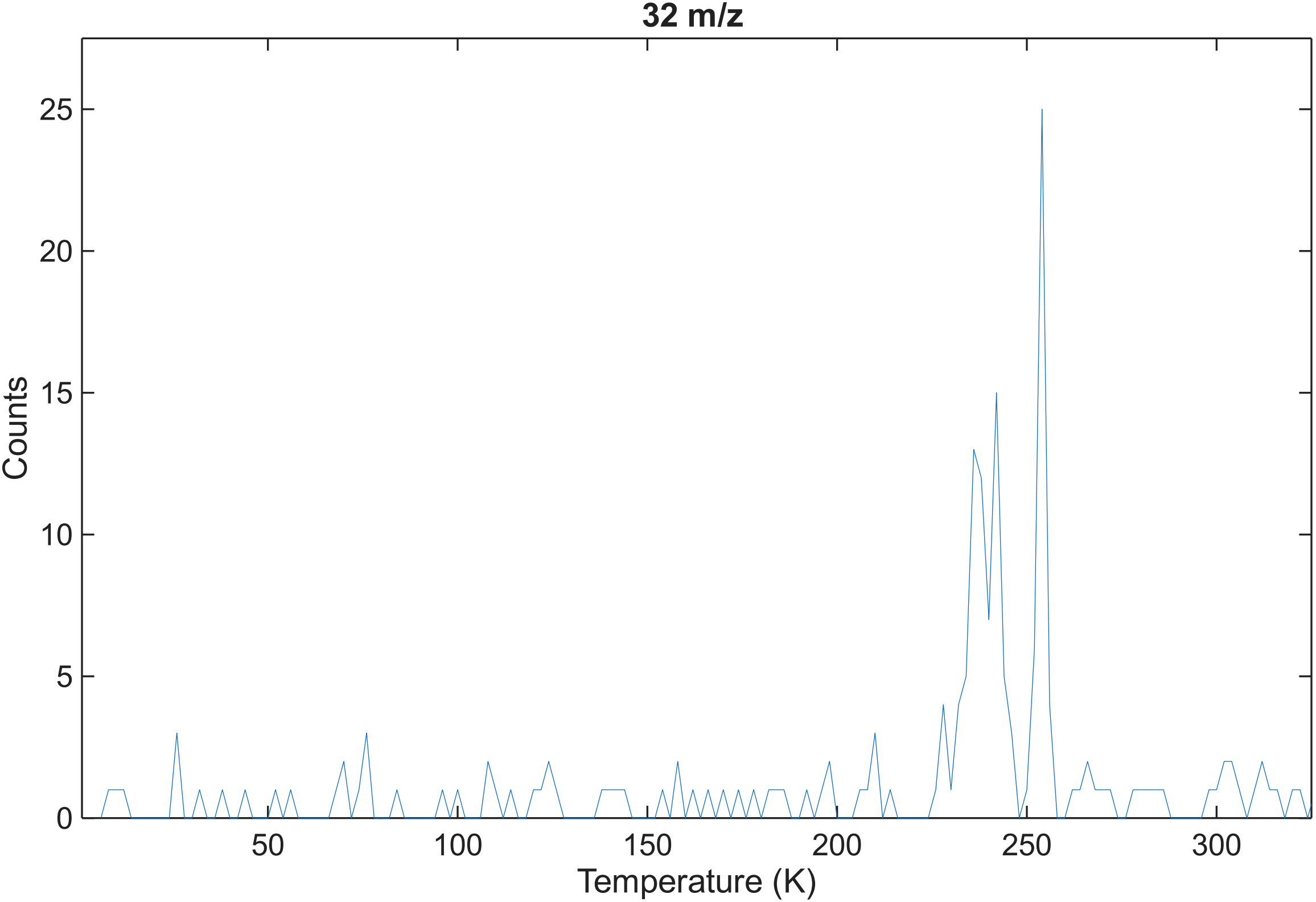

27 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300

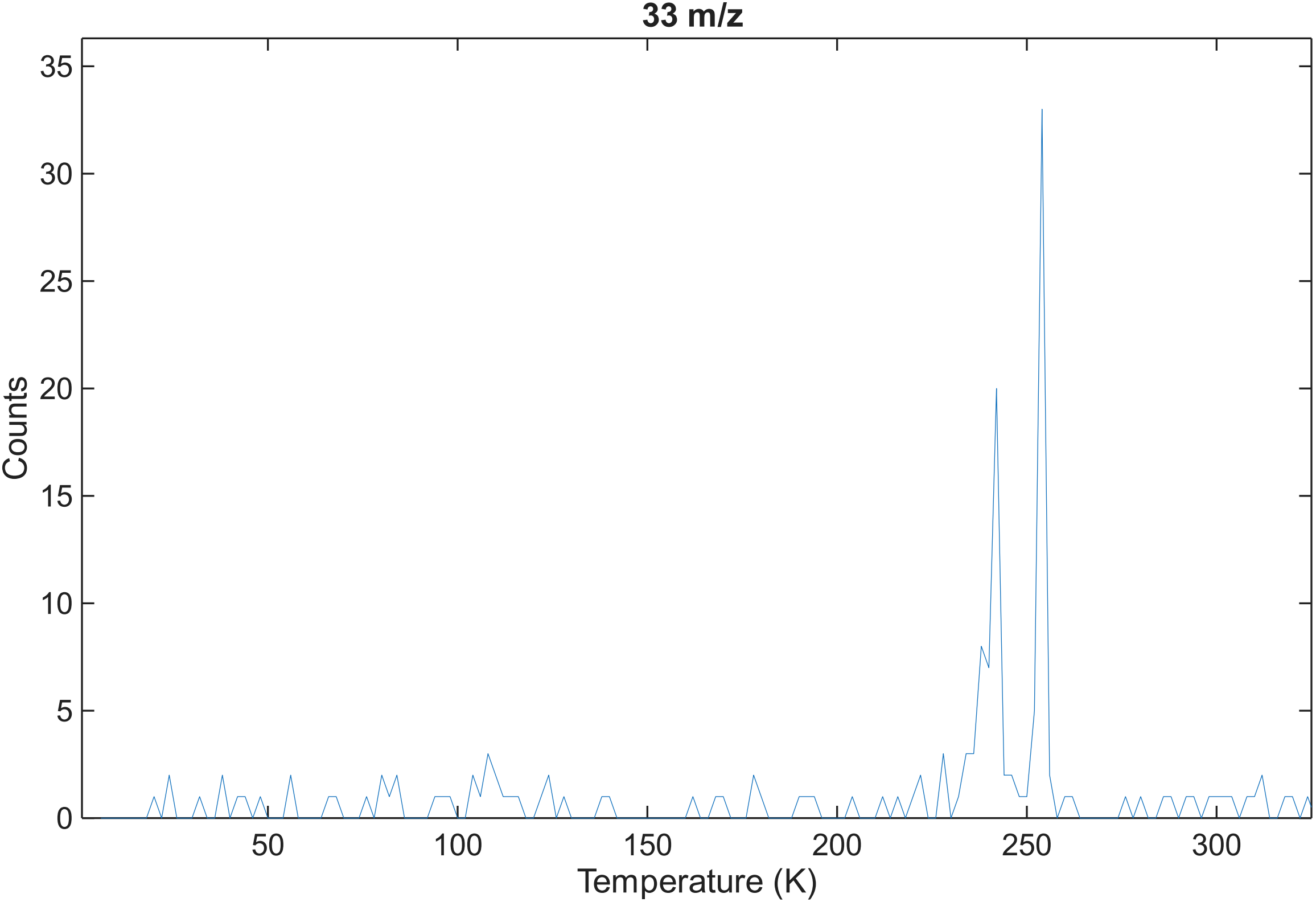

28 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
40
50
100
150
200
250
300

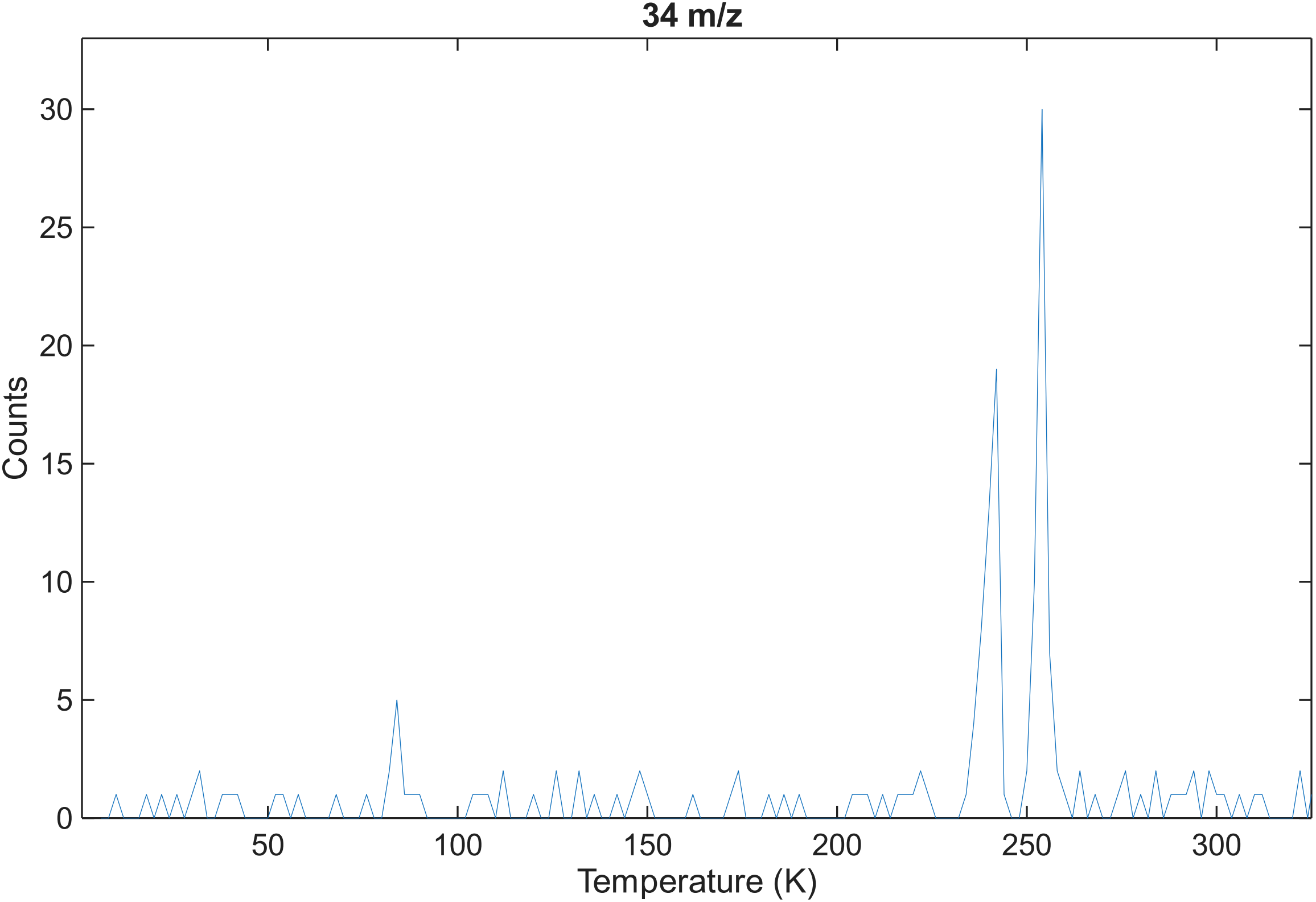

29 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
200
250
300


30 m/z
Counts
Temperature (K)
0
5
10
15
20
25
50
100
150
200
250
300


31 m/z
Counts
Temperature (K)
0
5
10
15
20
50
100
150
200
250
300


32 m/z
Counts
Temperature (K)
0
5
10
15
20
25
50
100
150
200
250
300


33 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
50
100
150
200
250
300


34 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
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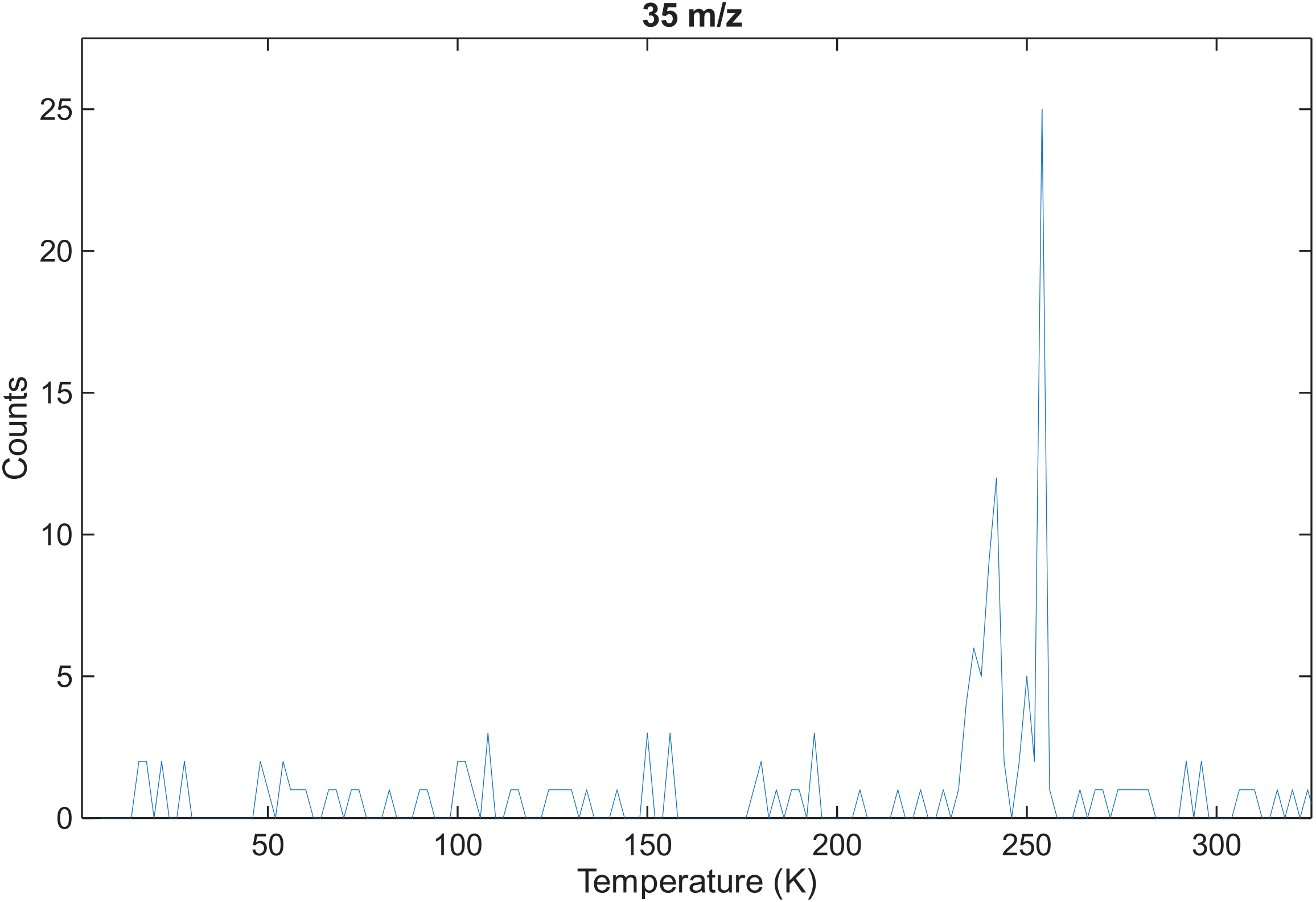
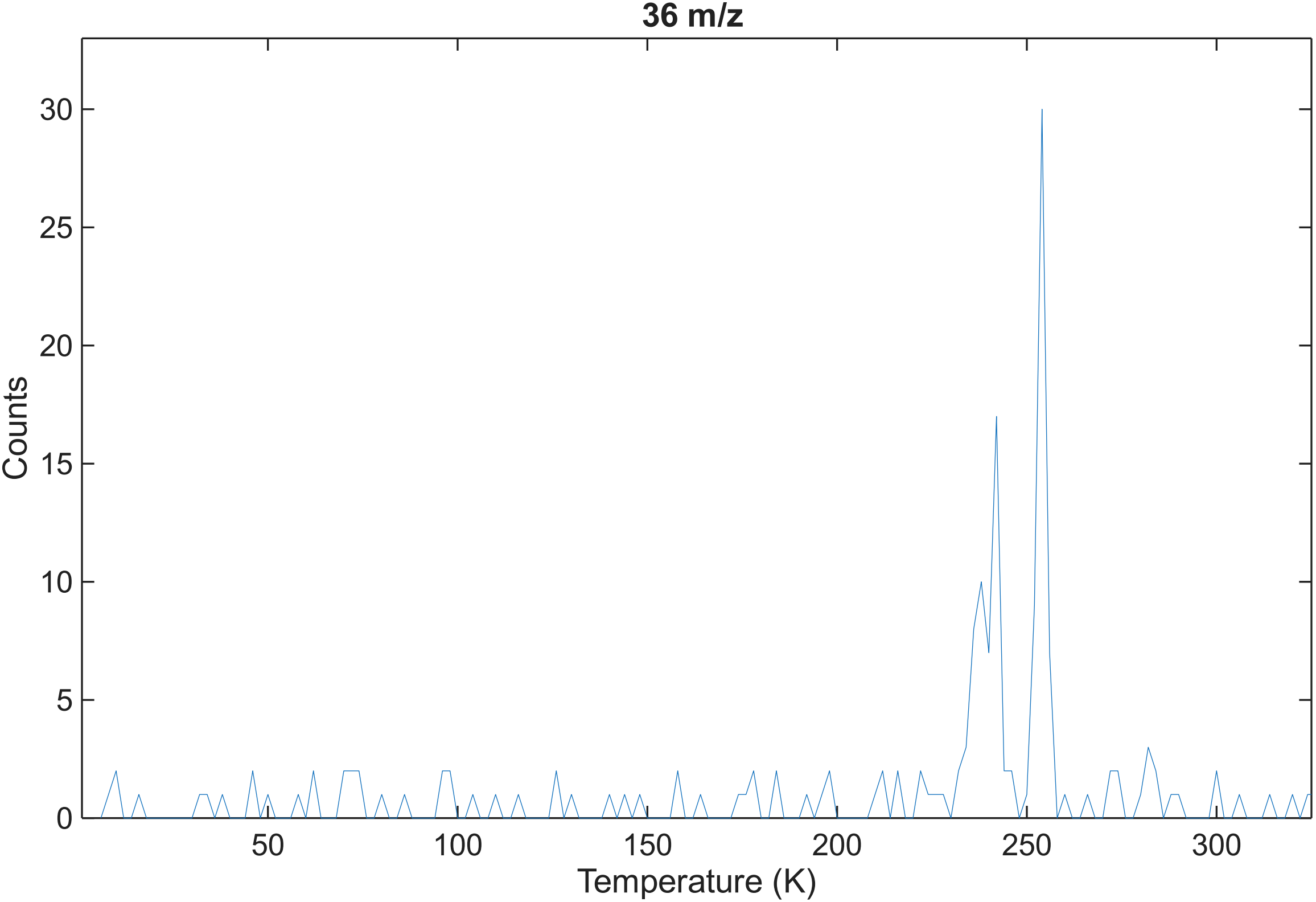
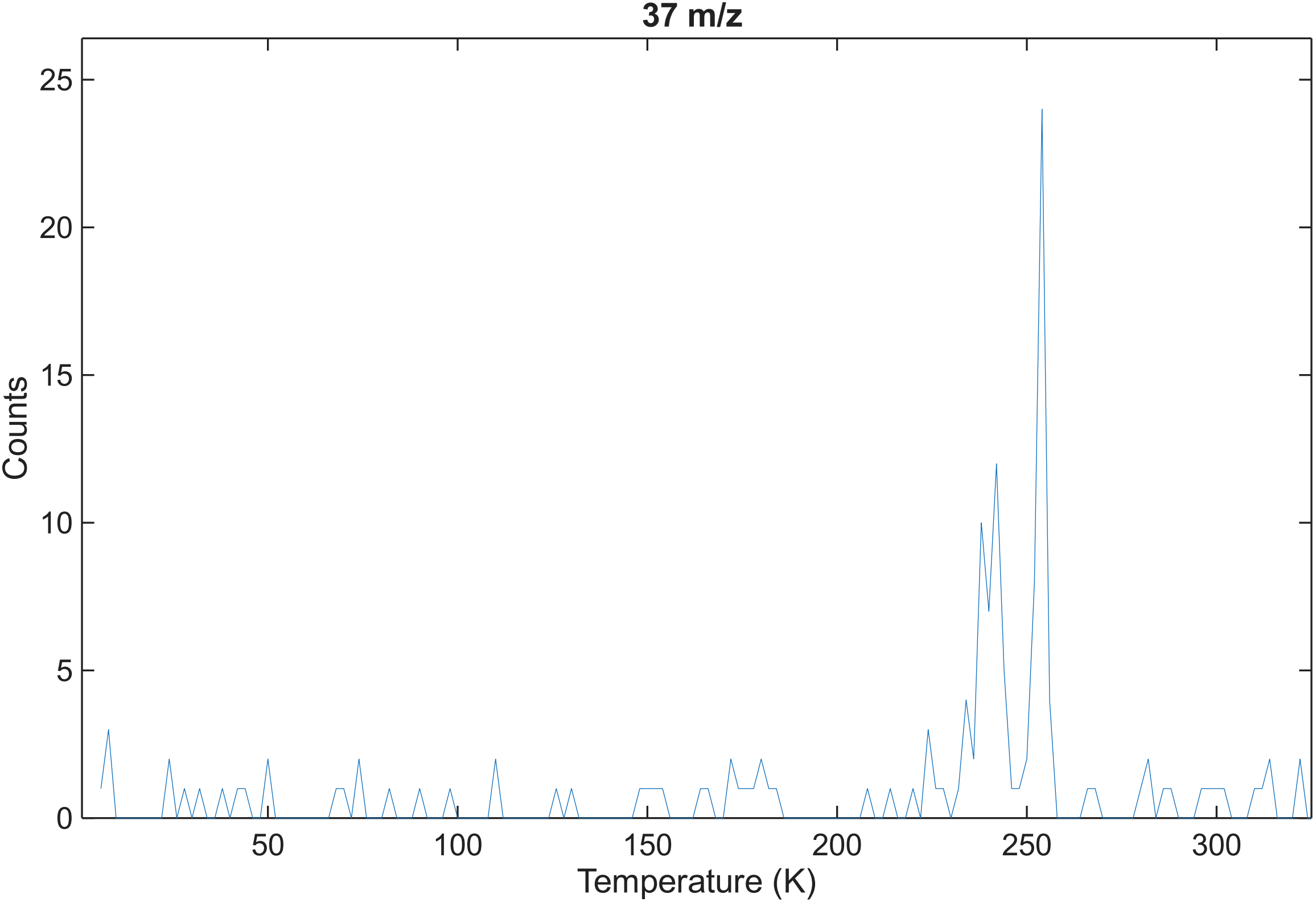
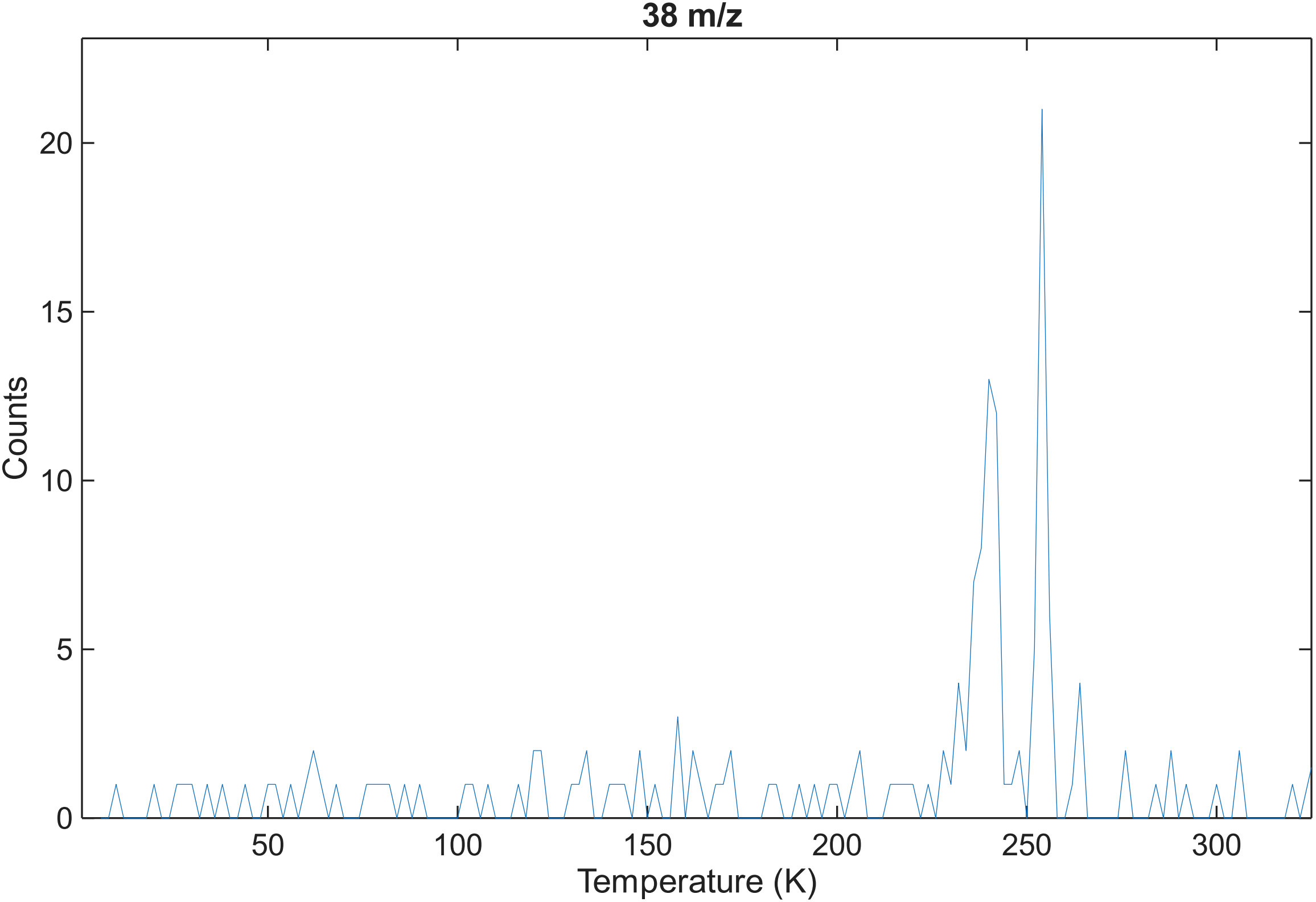
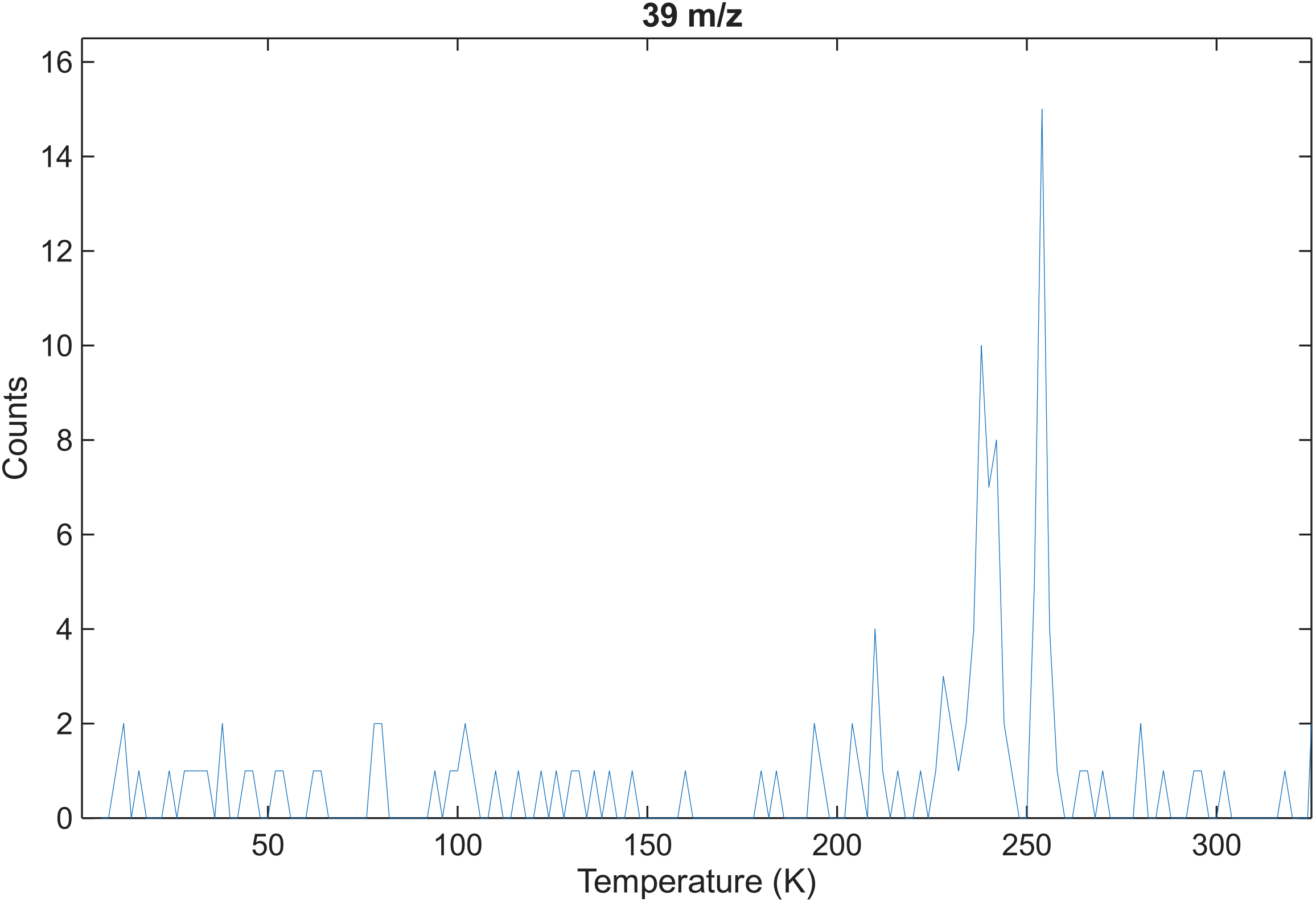
150
200
250
300

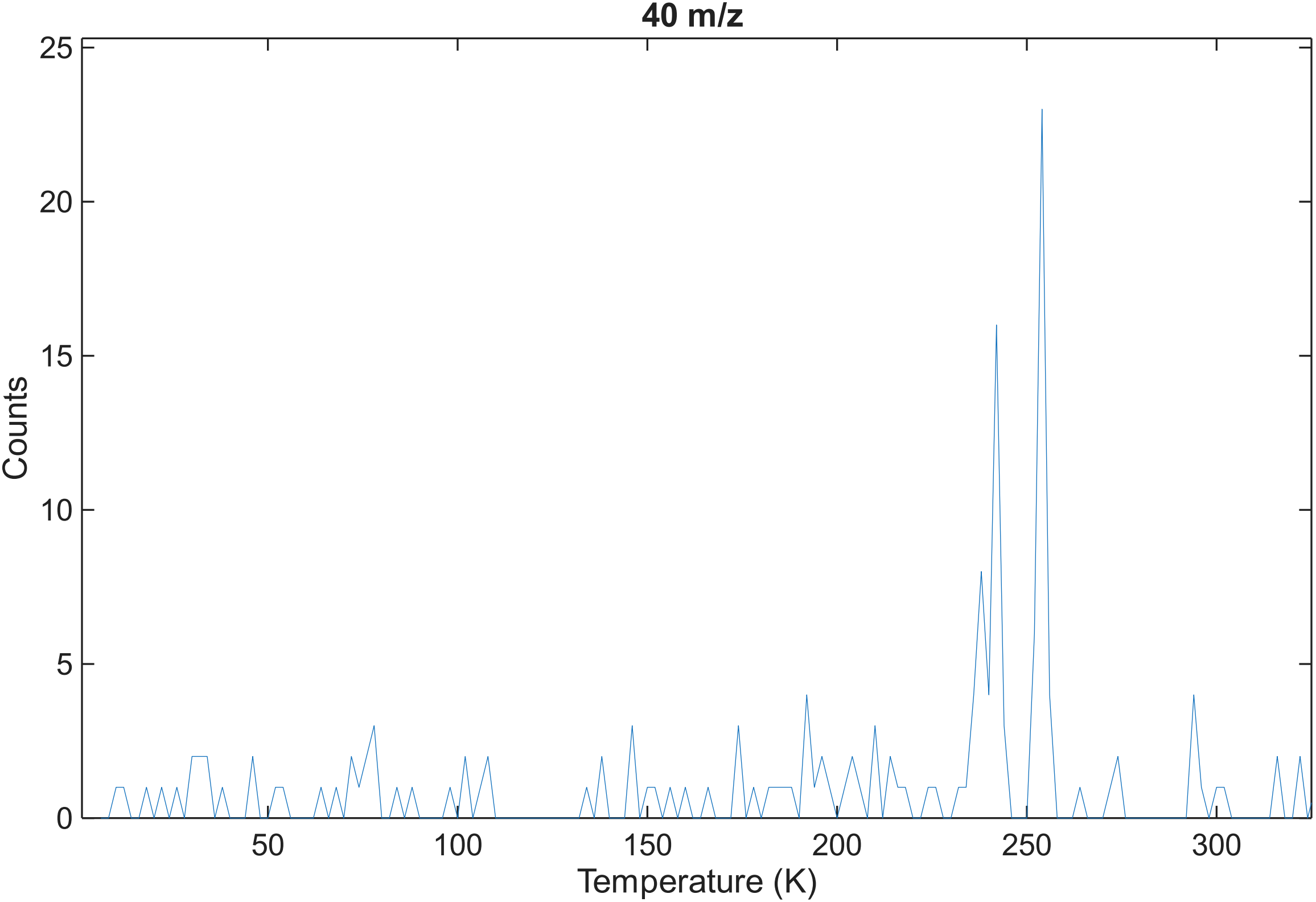

35 m/z
Counts
Temperature (K)
0
5
10
15
20
25
50
100
150
200
250
300

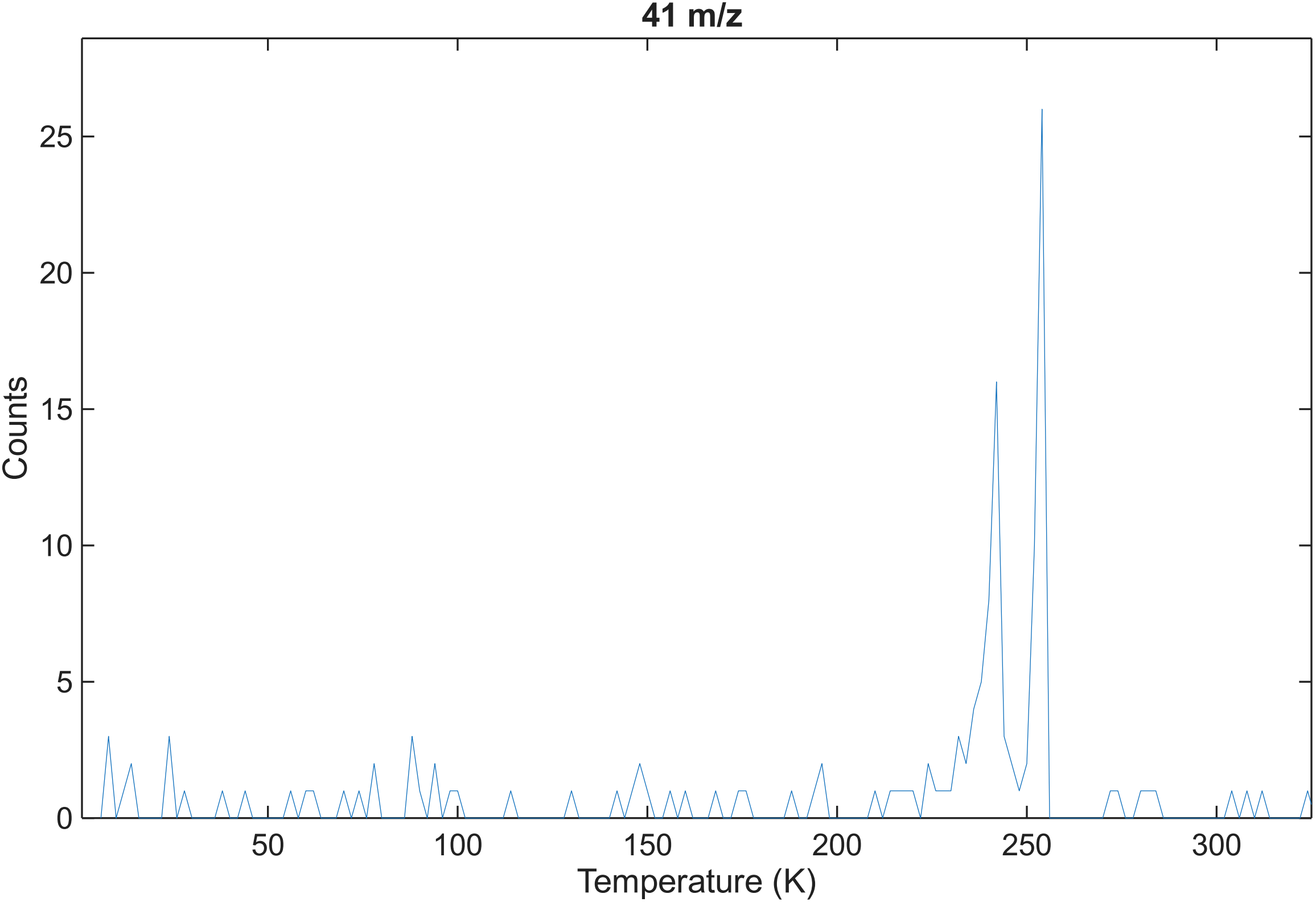

36 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300

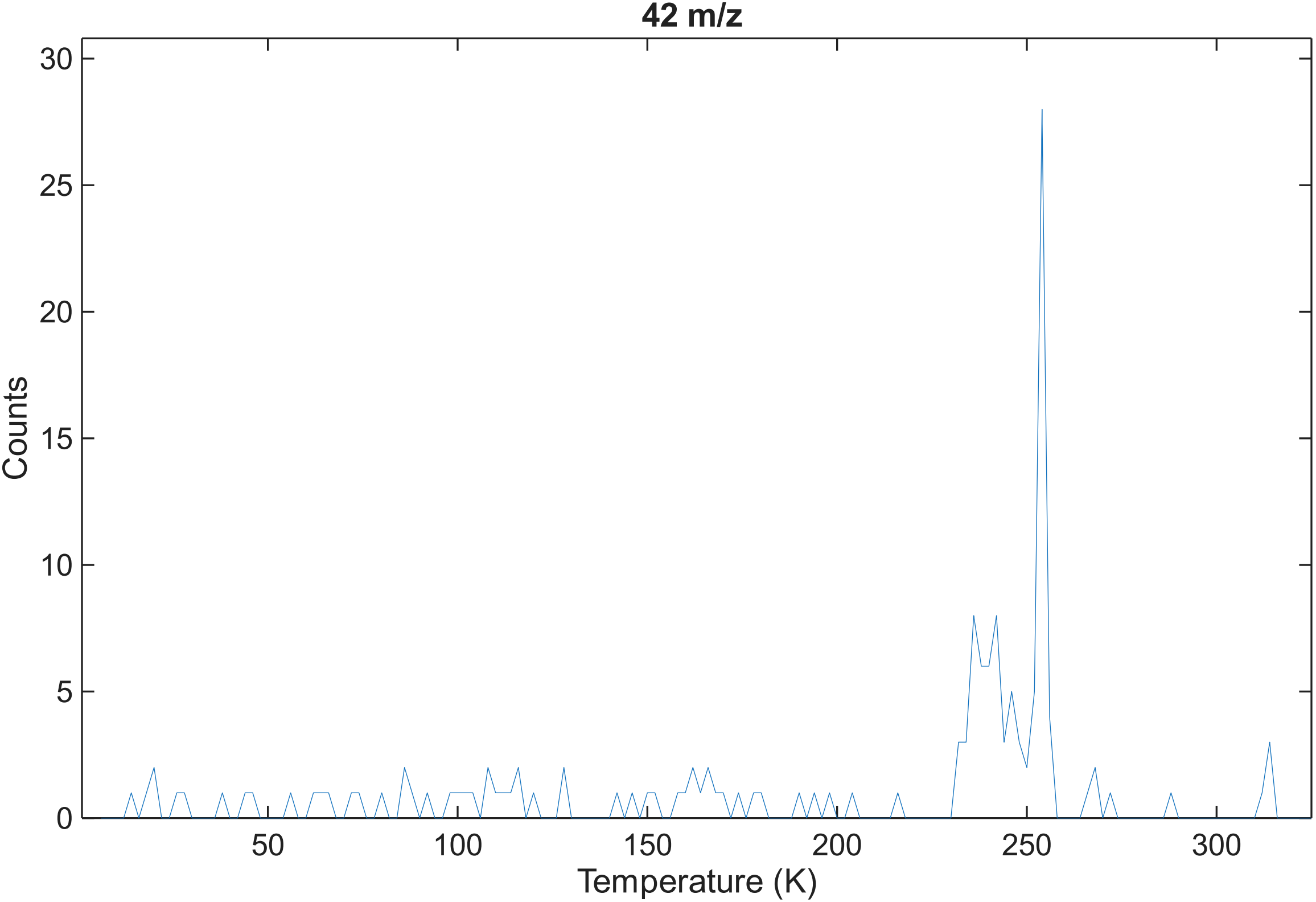

37 m/z
Counts
Temperature (K)
0
5
10
15
20
25
50
100
150
200
250
300

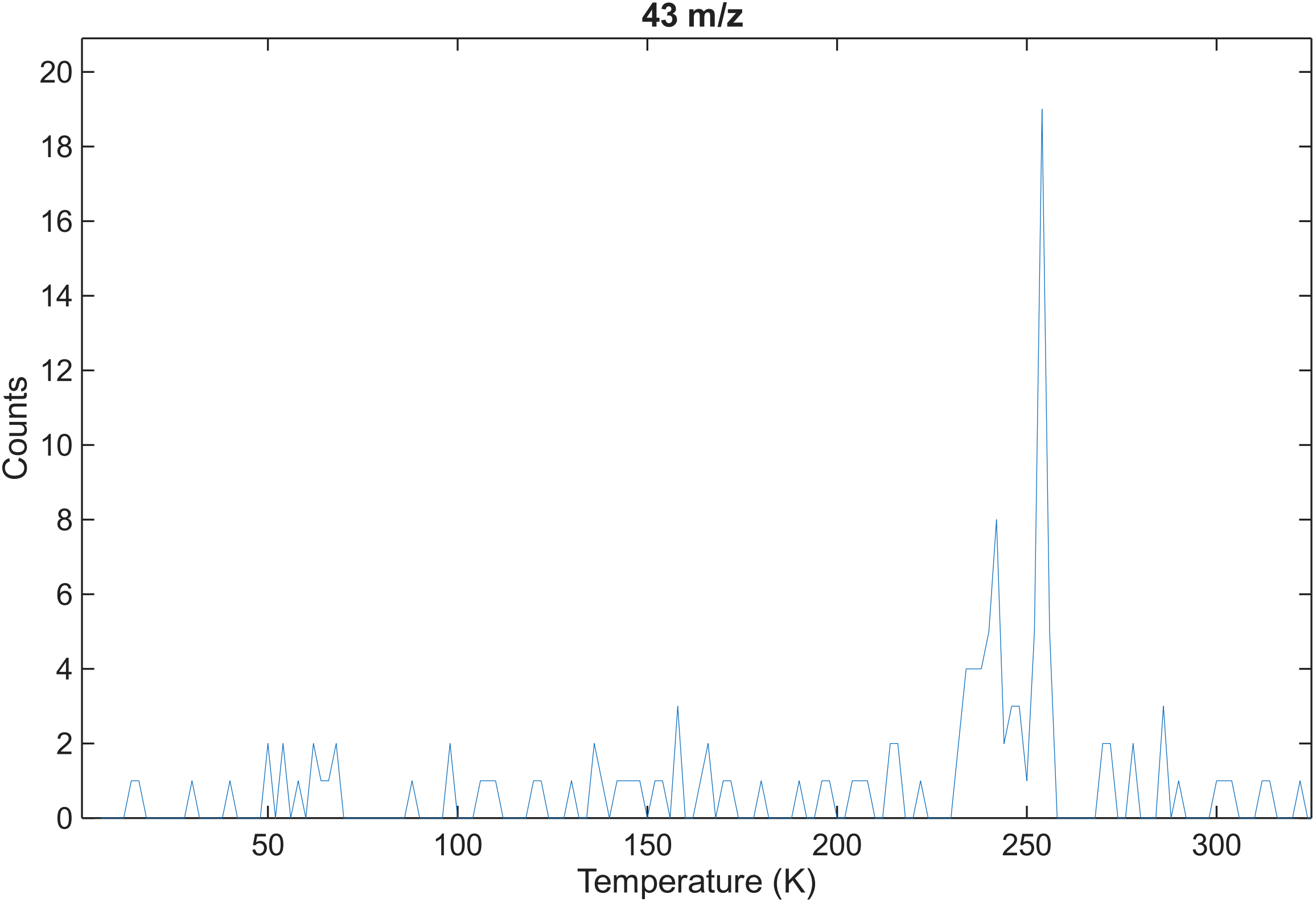

38 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

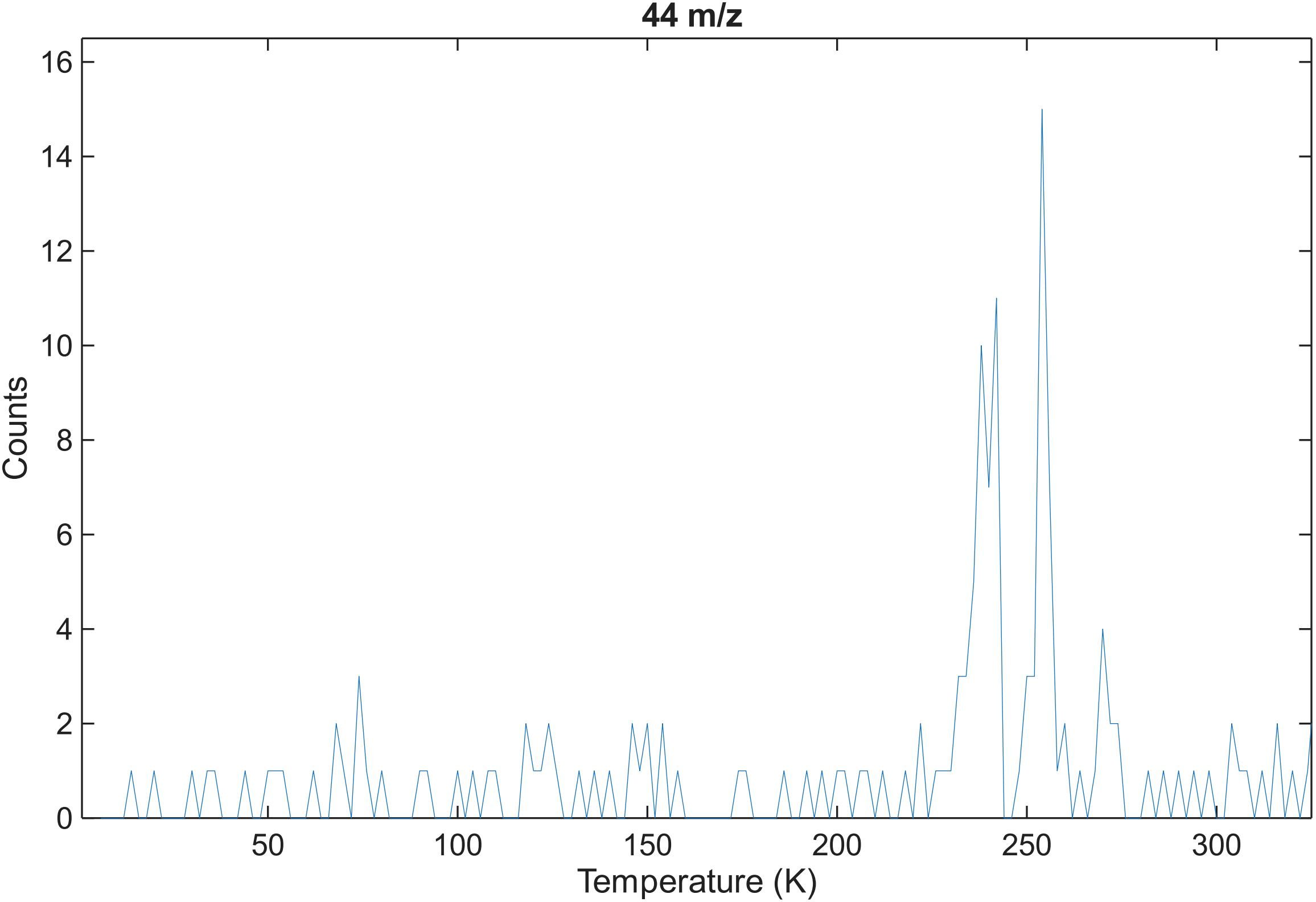

39 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

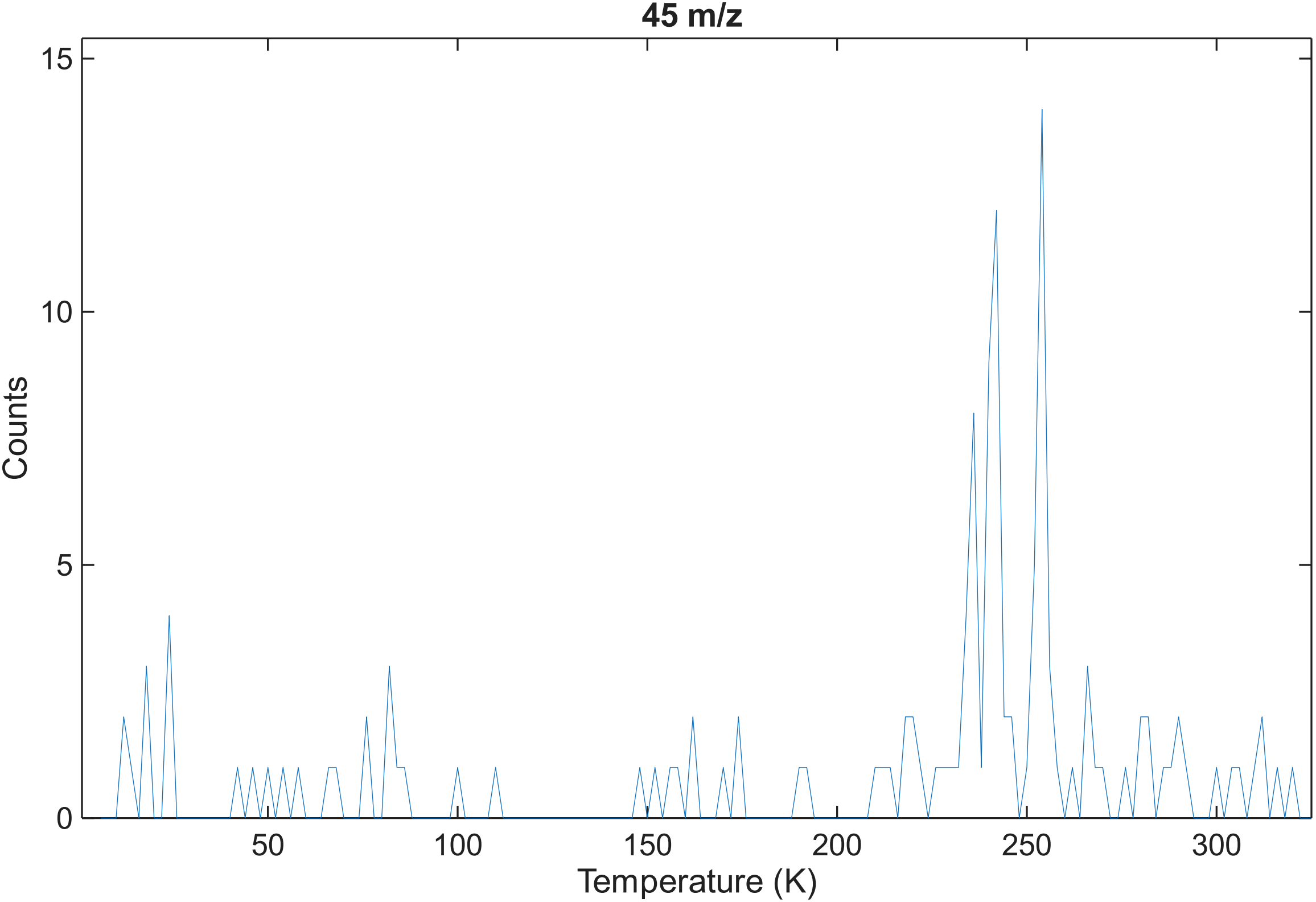

40 m/z
25
20
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

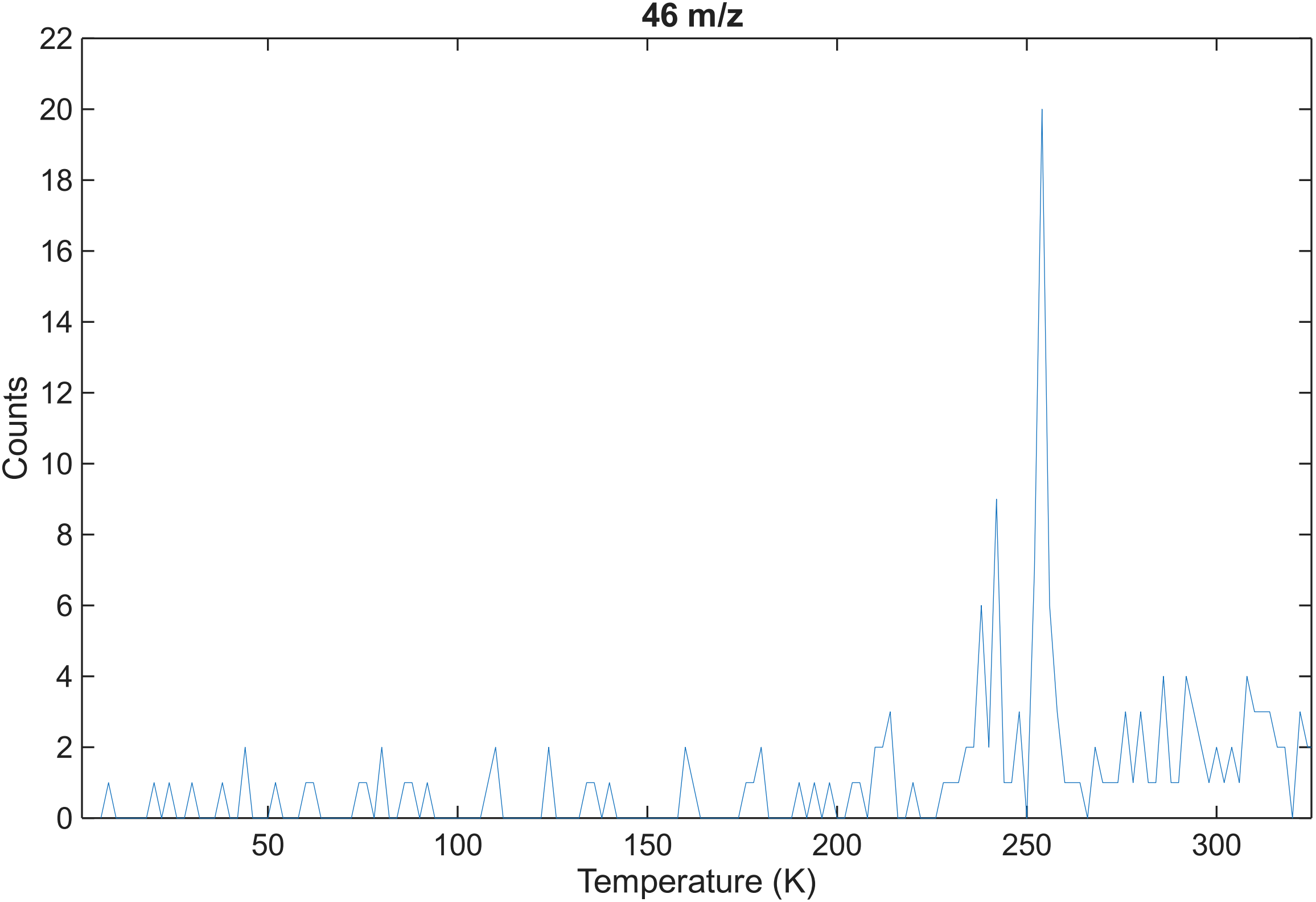

41 m/z
Counts
Temperature (K)
0
5
10
15
20
25
50
100
150
200
250
300

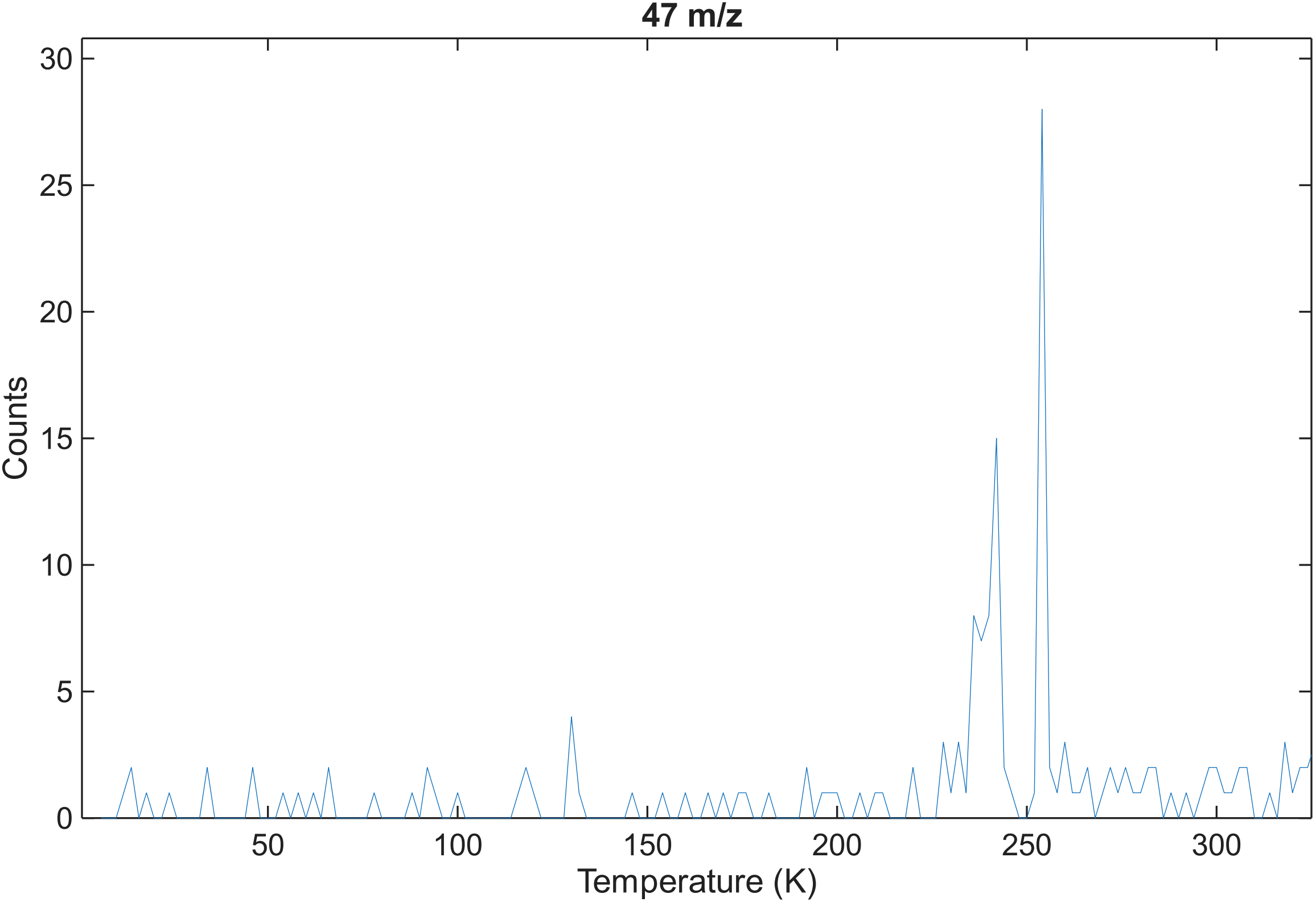

42 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300

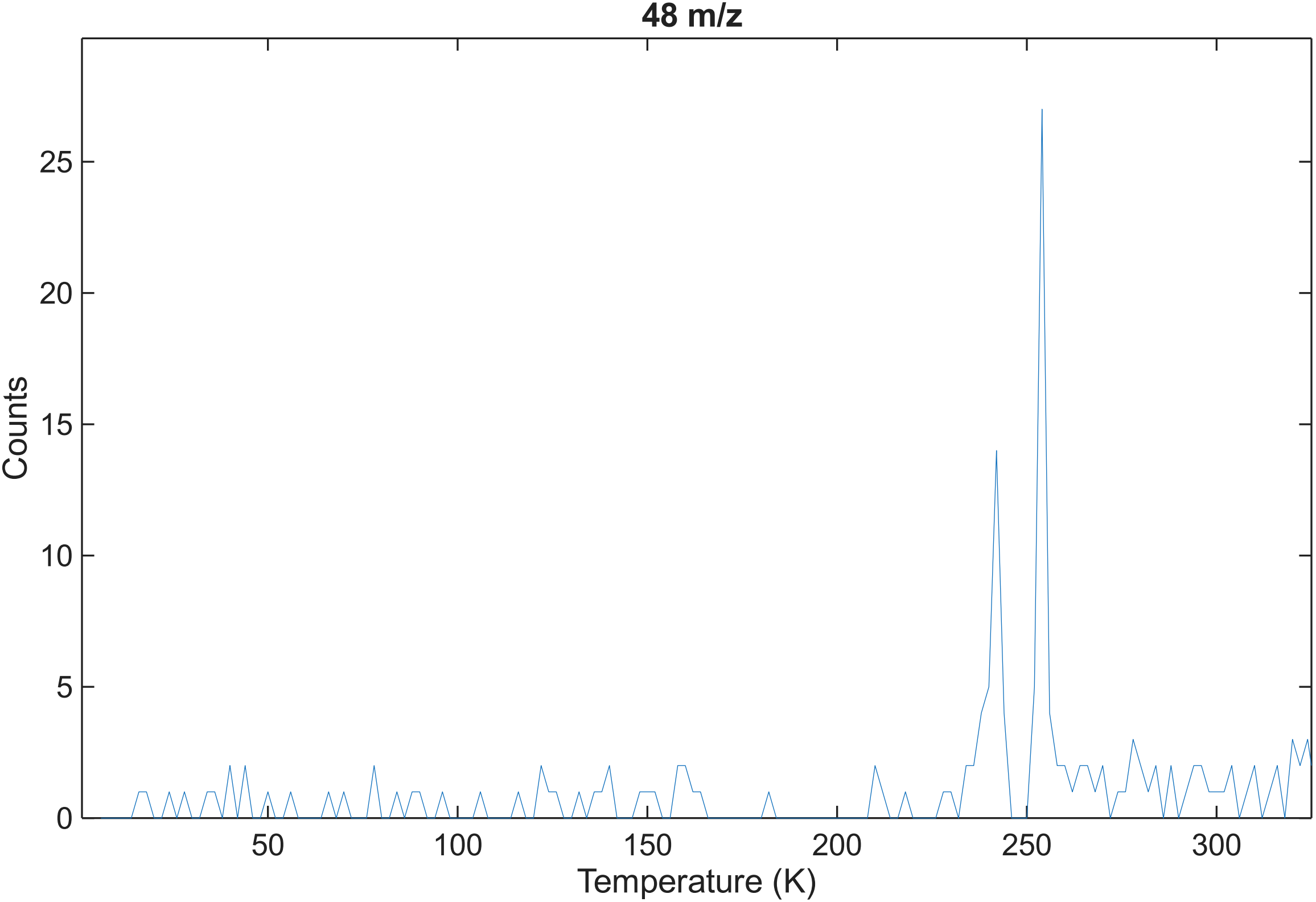

43 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
50
100
150
200
250
300

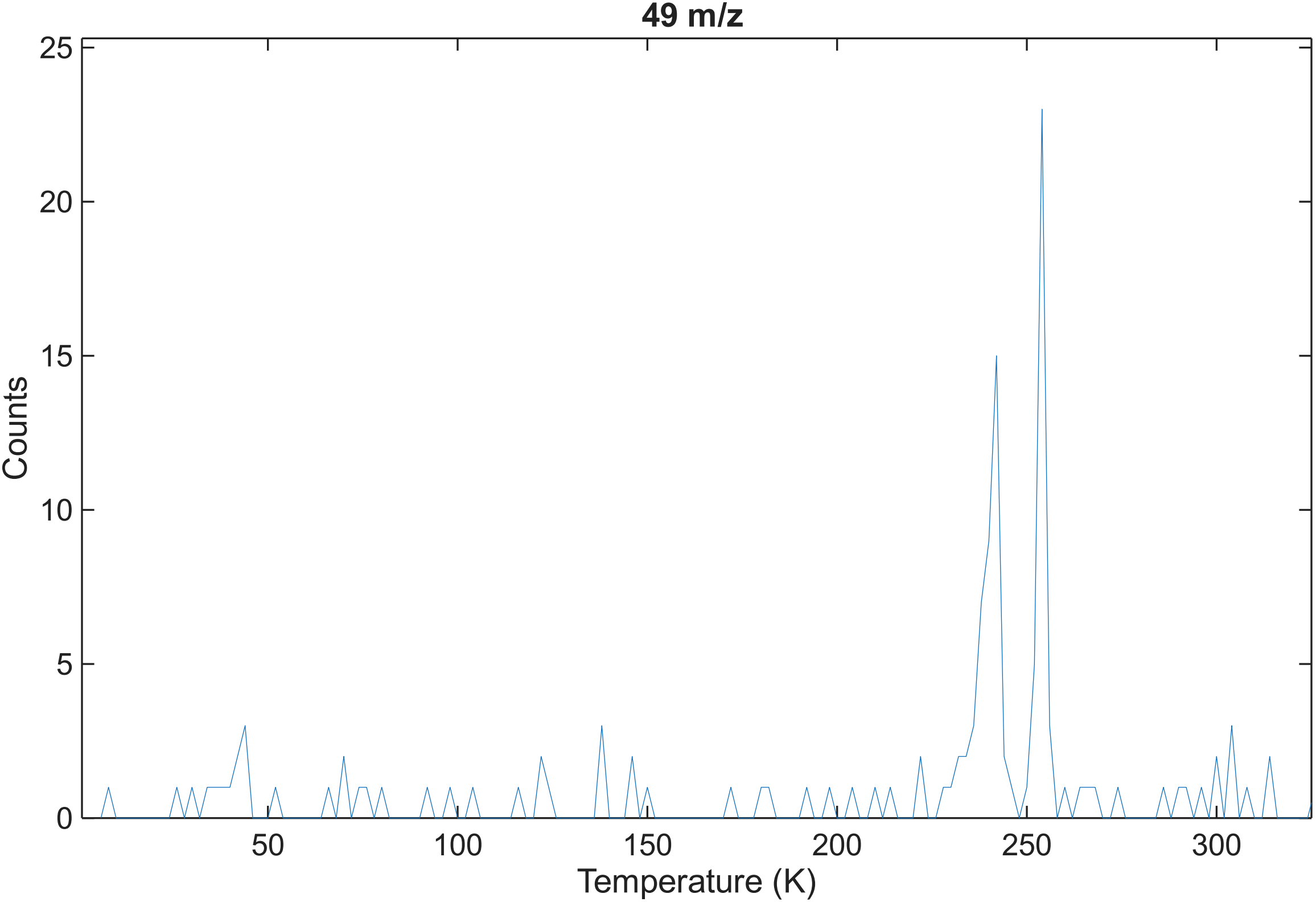

44 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

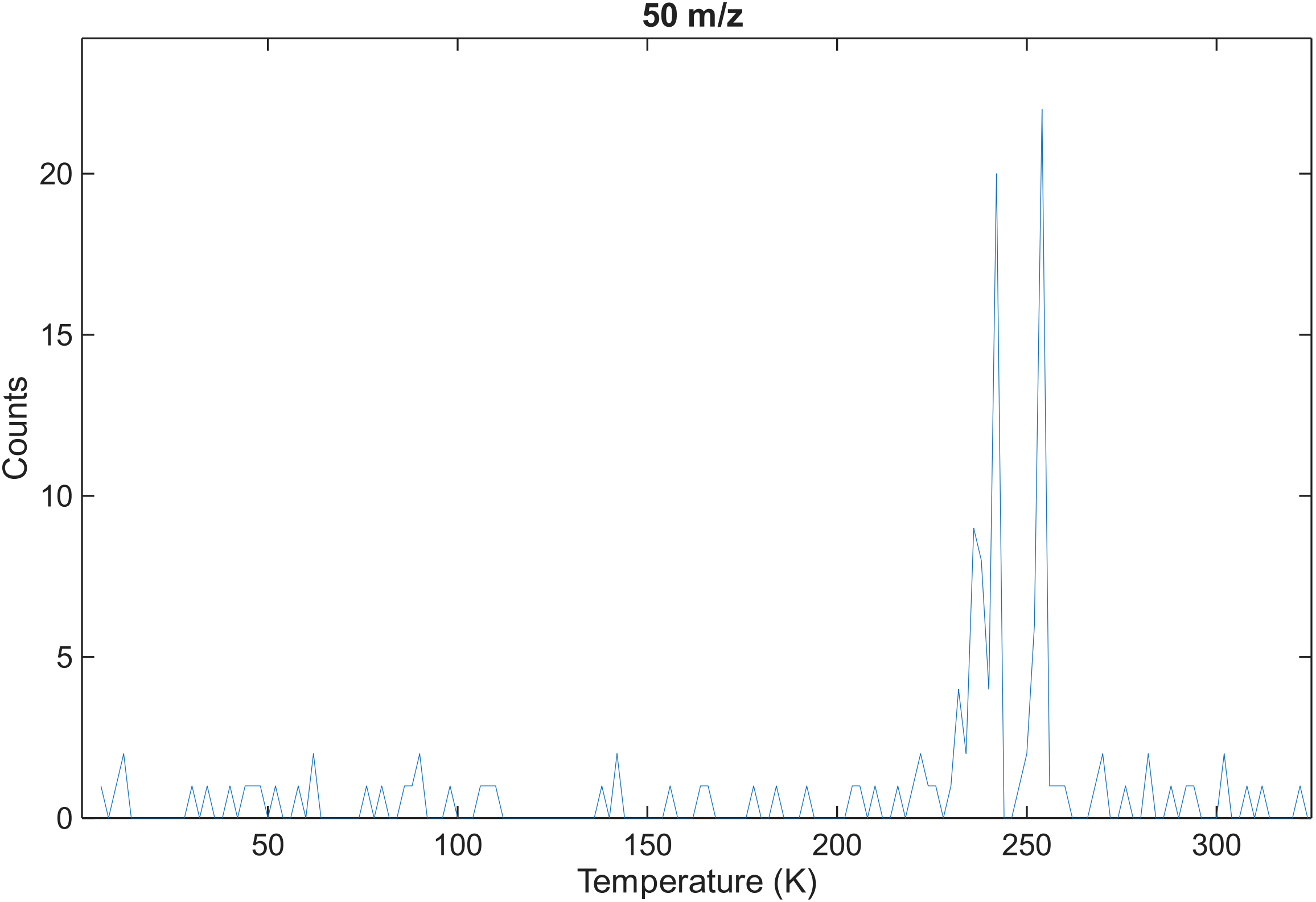

45 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)


46 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
22
50
100
150
200
250
300


47 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300


48 m/z
Counts
0
5
10
15
20
25
50
100
150
200
250
300
Temperature (K)


49 m/z
25
20
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)


50 m/z
Counts
0
5
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15
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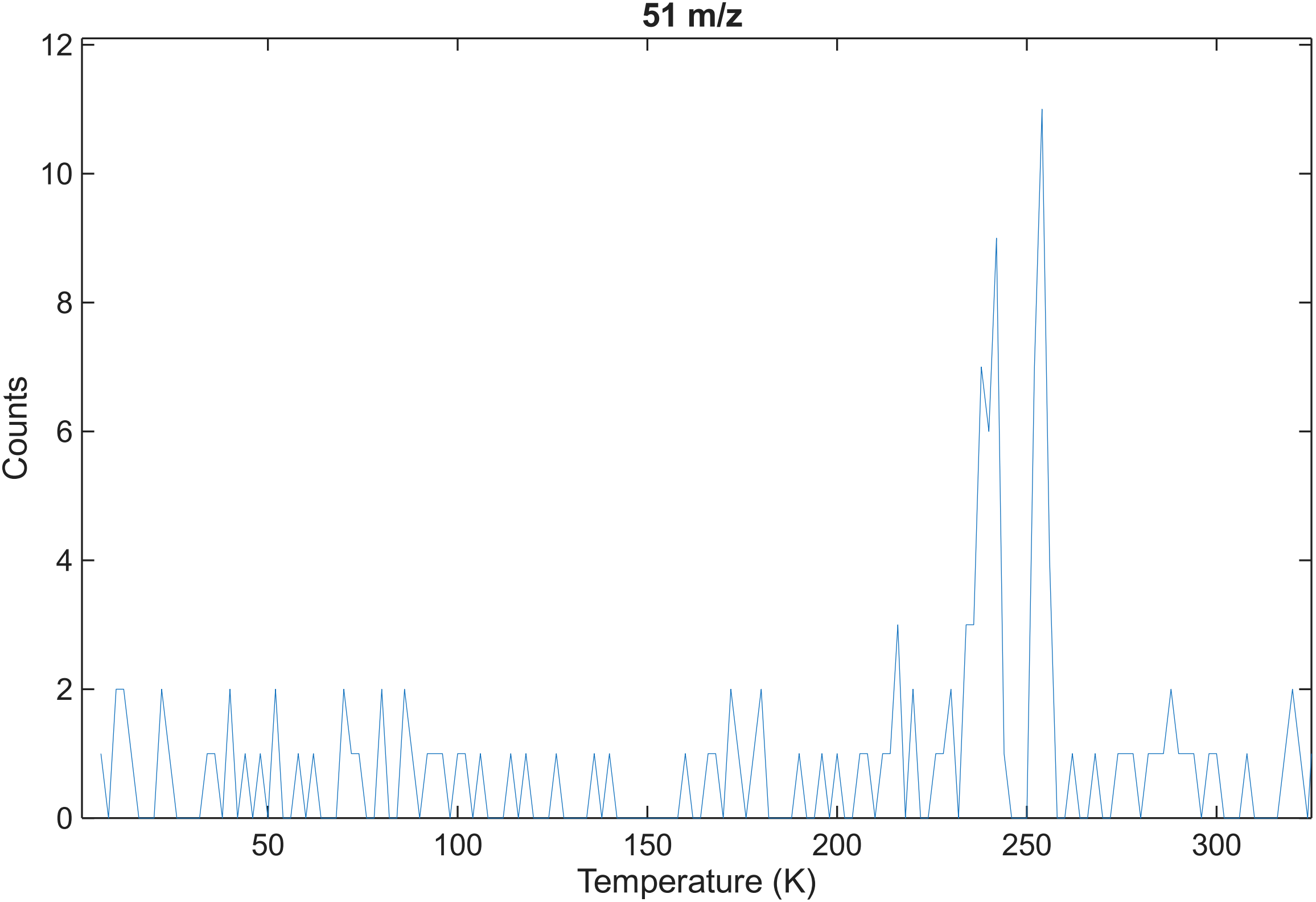
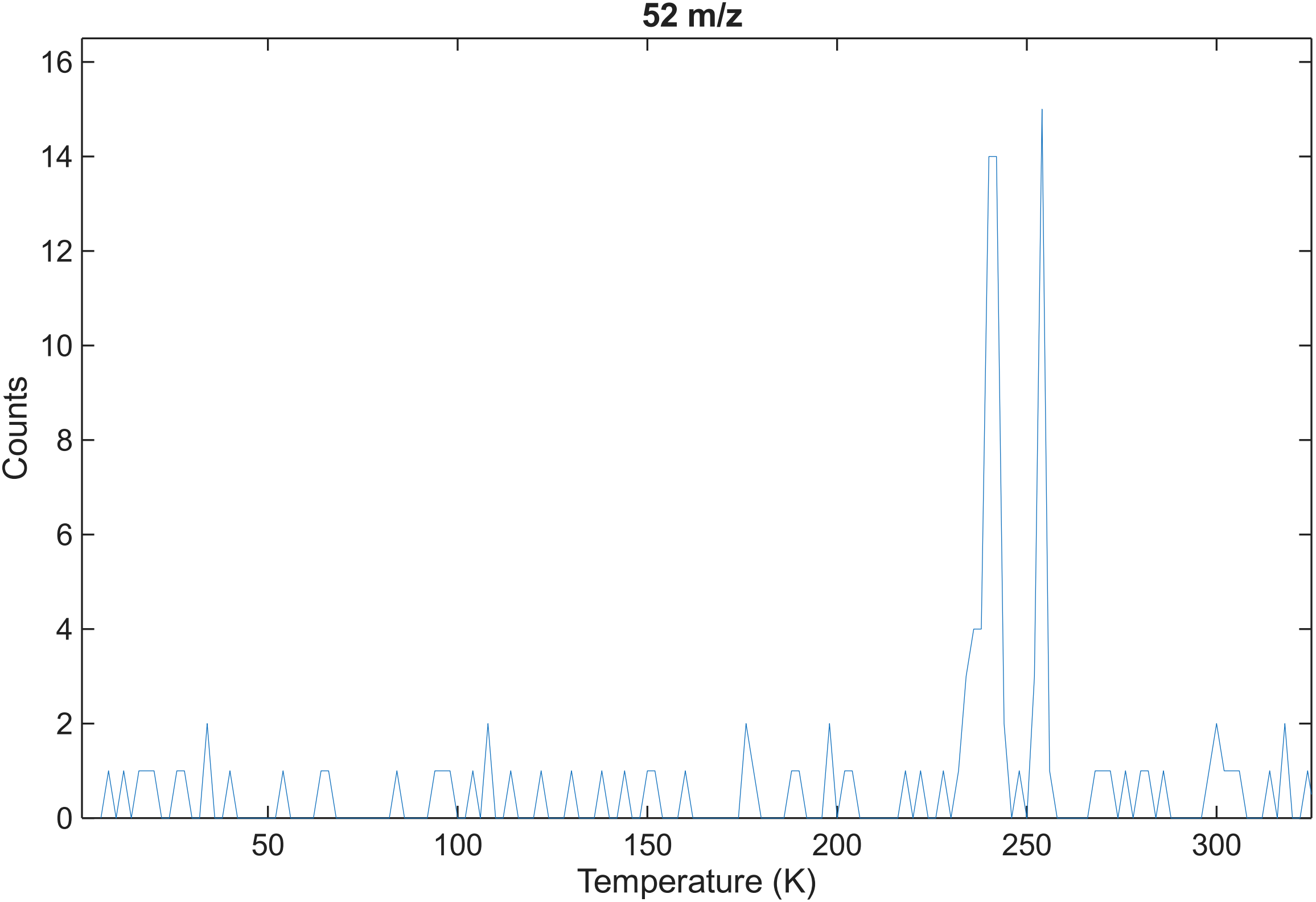
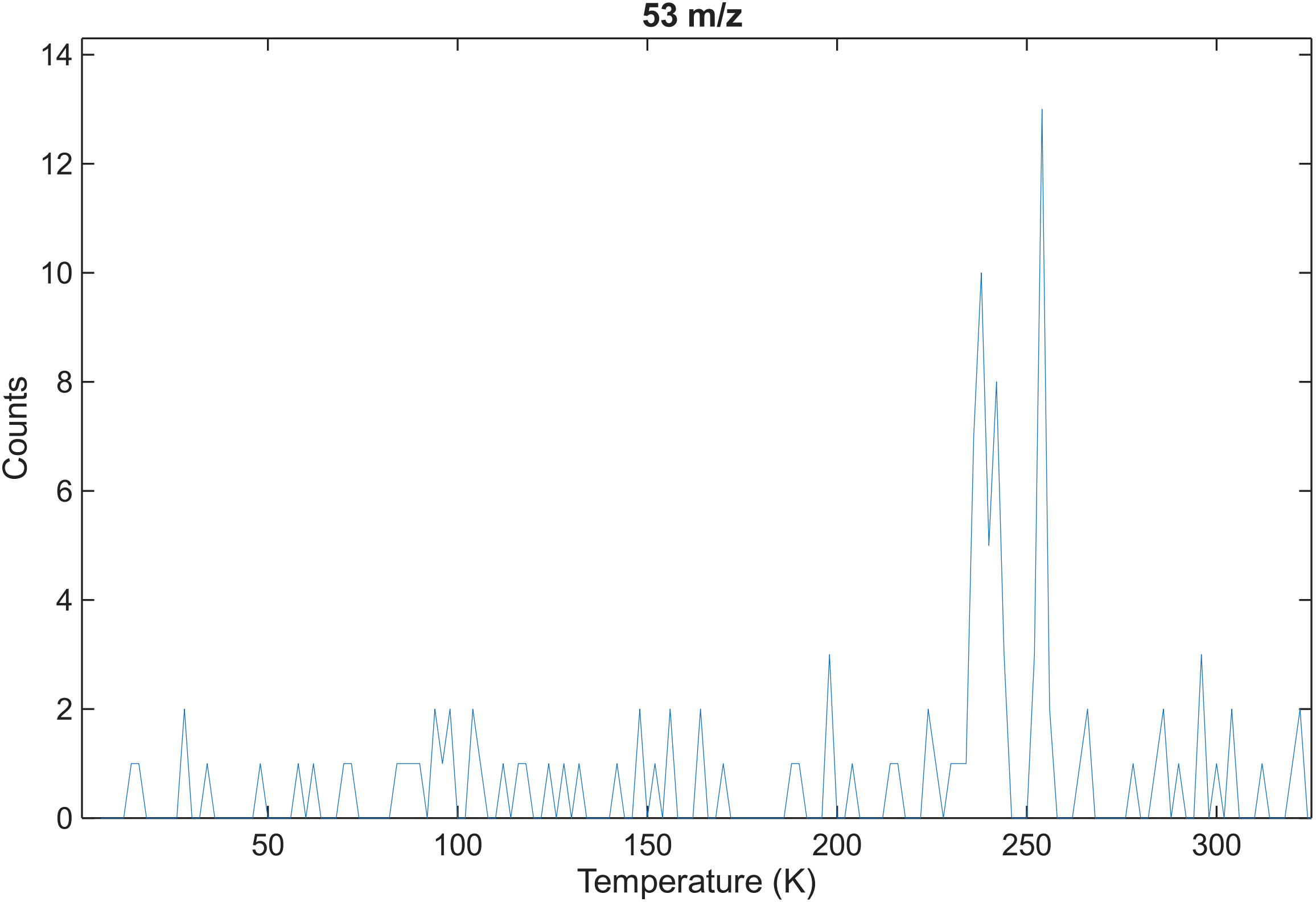
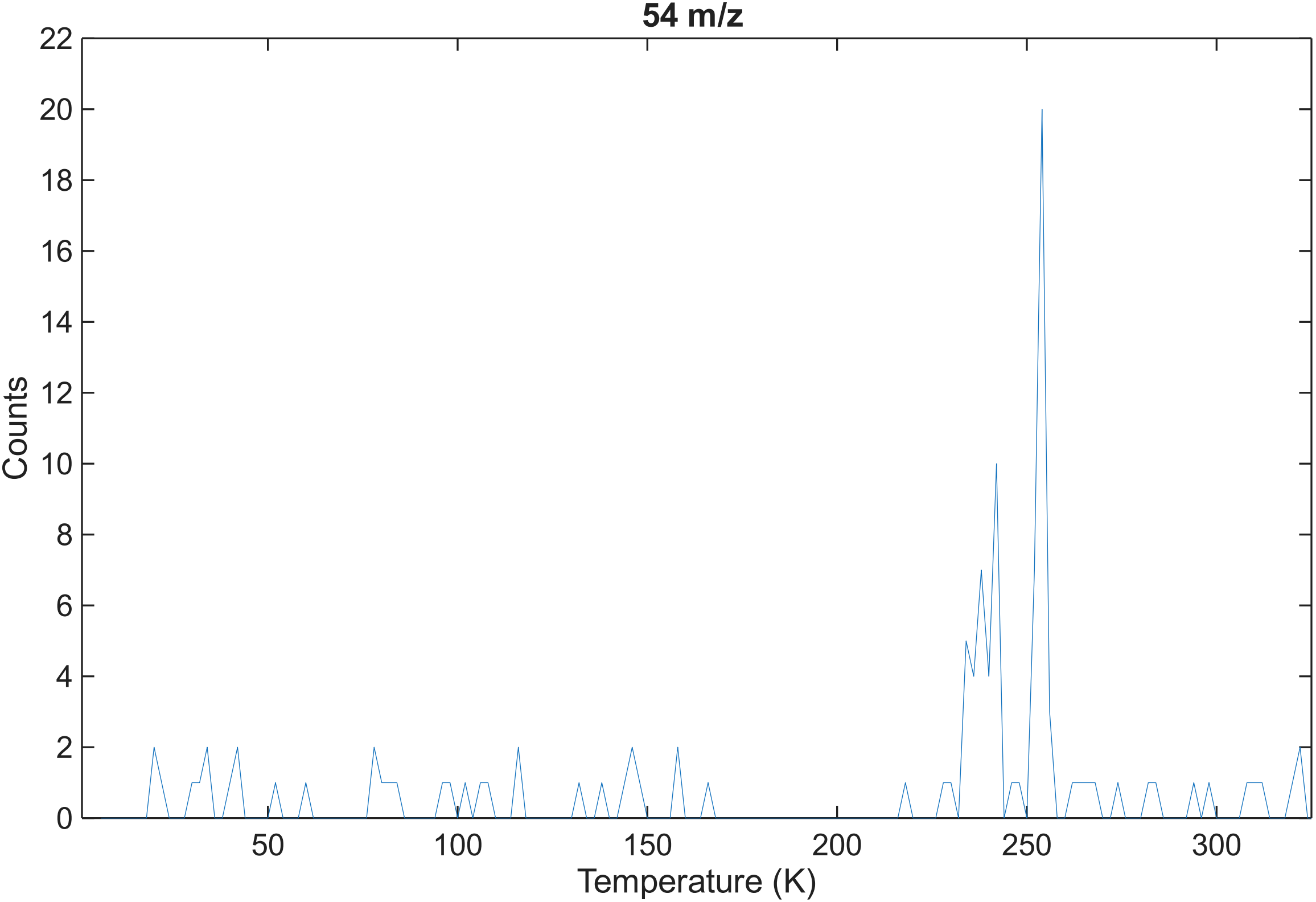
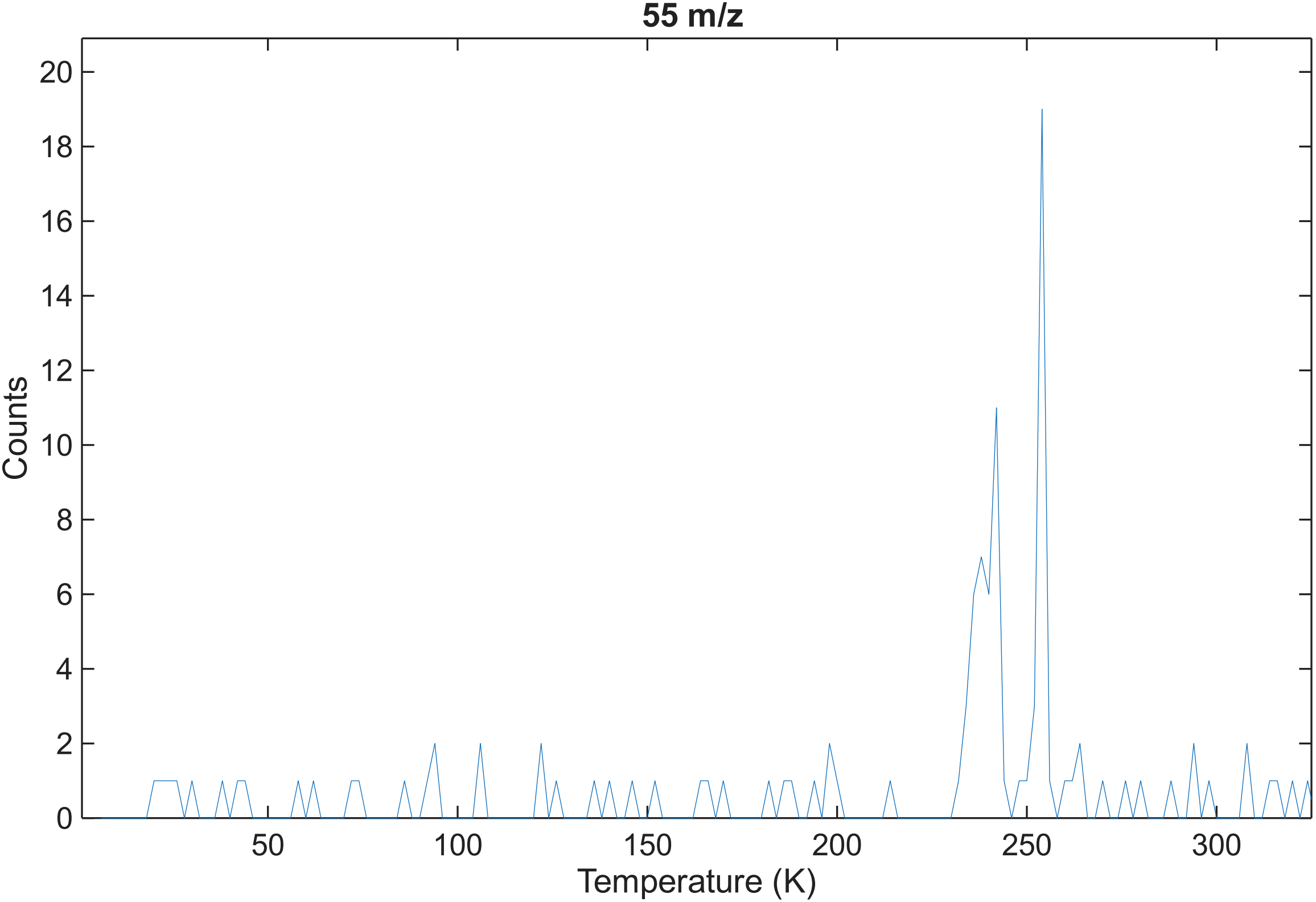
50
100
150
200
250
300
Temperature (K)

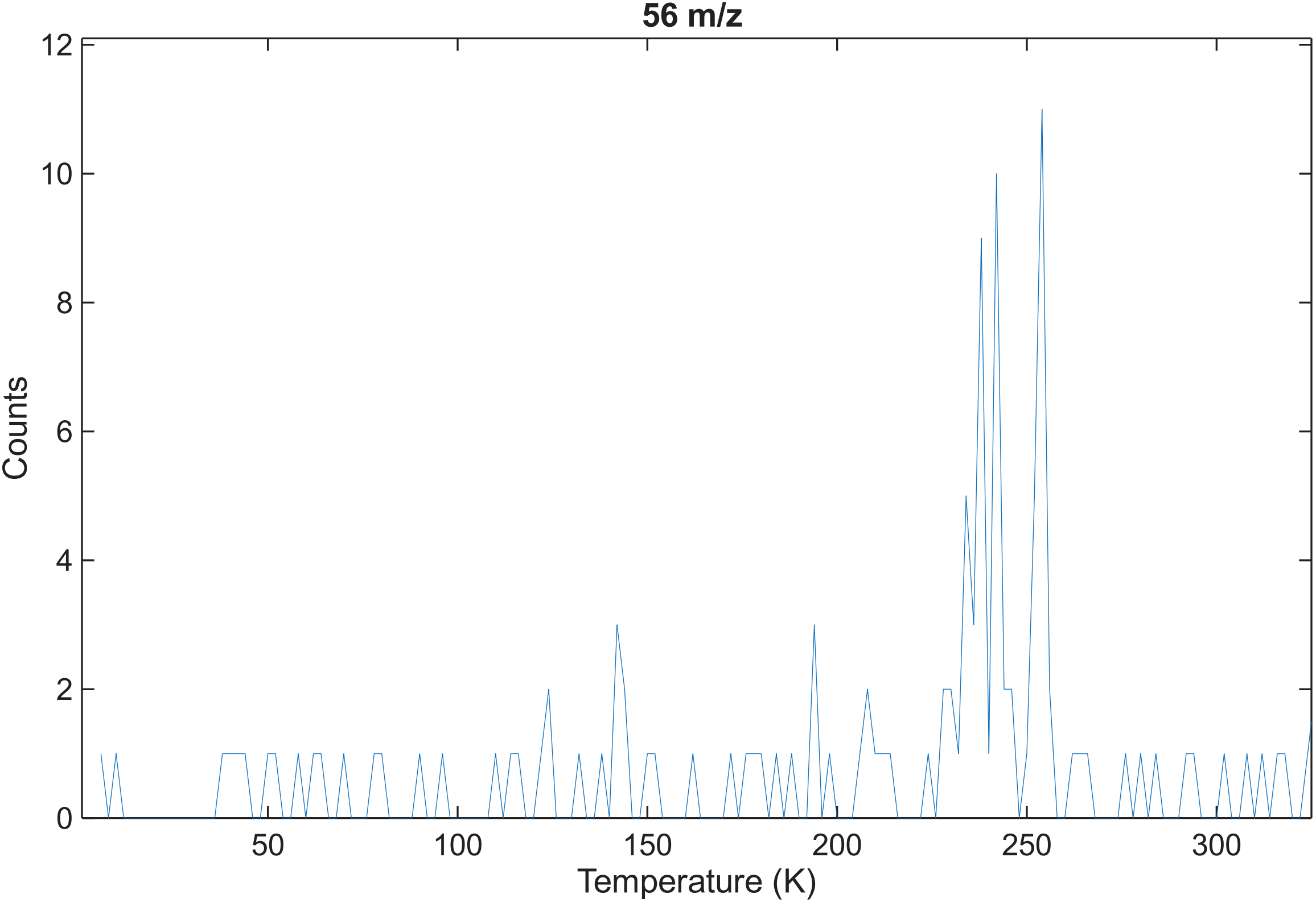

51 m/z
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

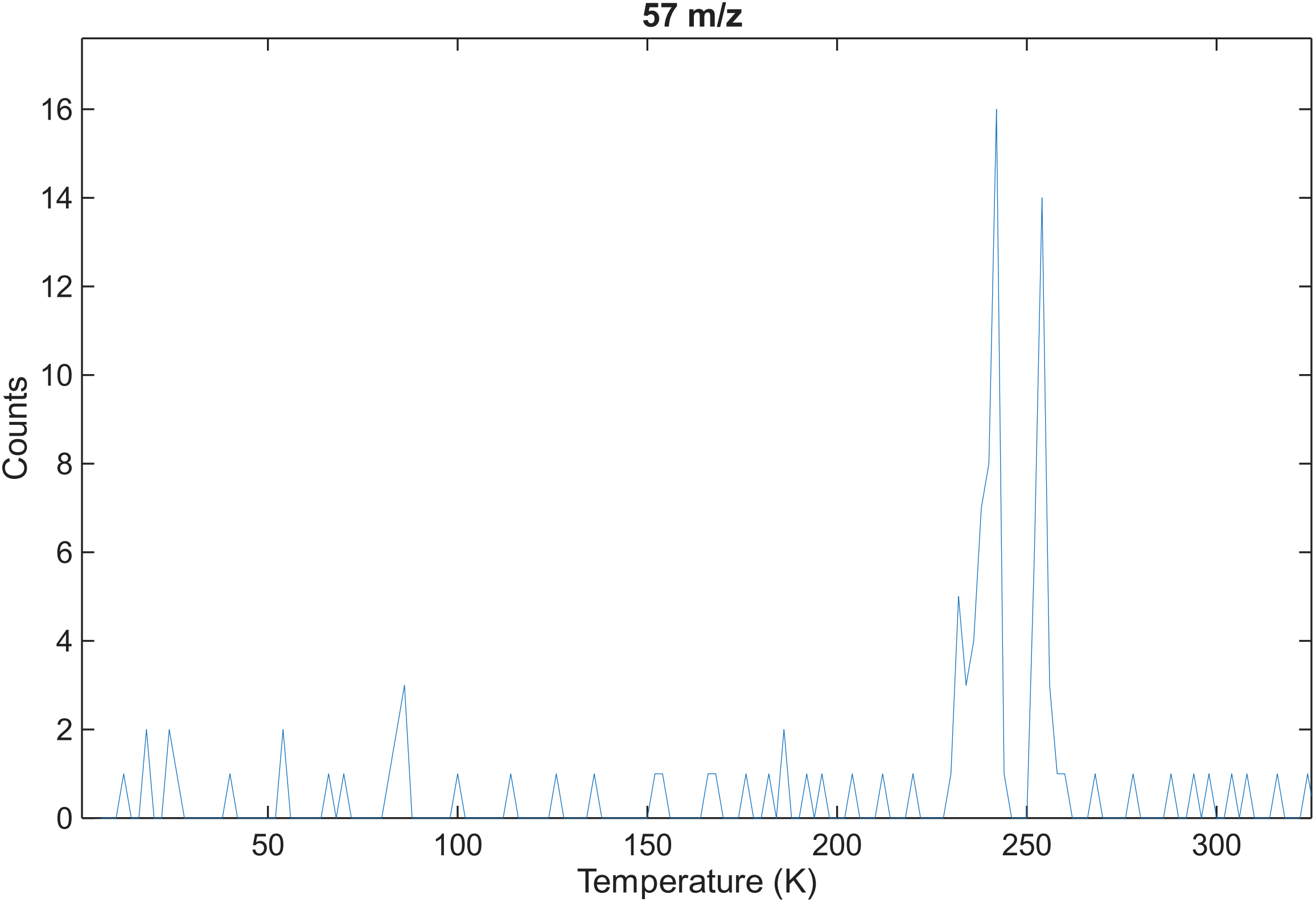

52 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

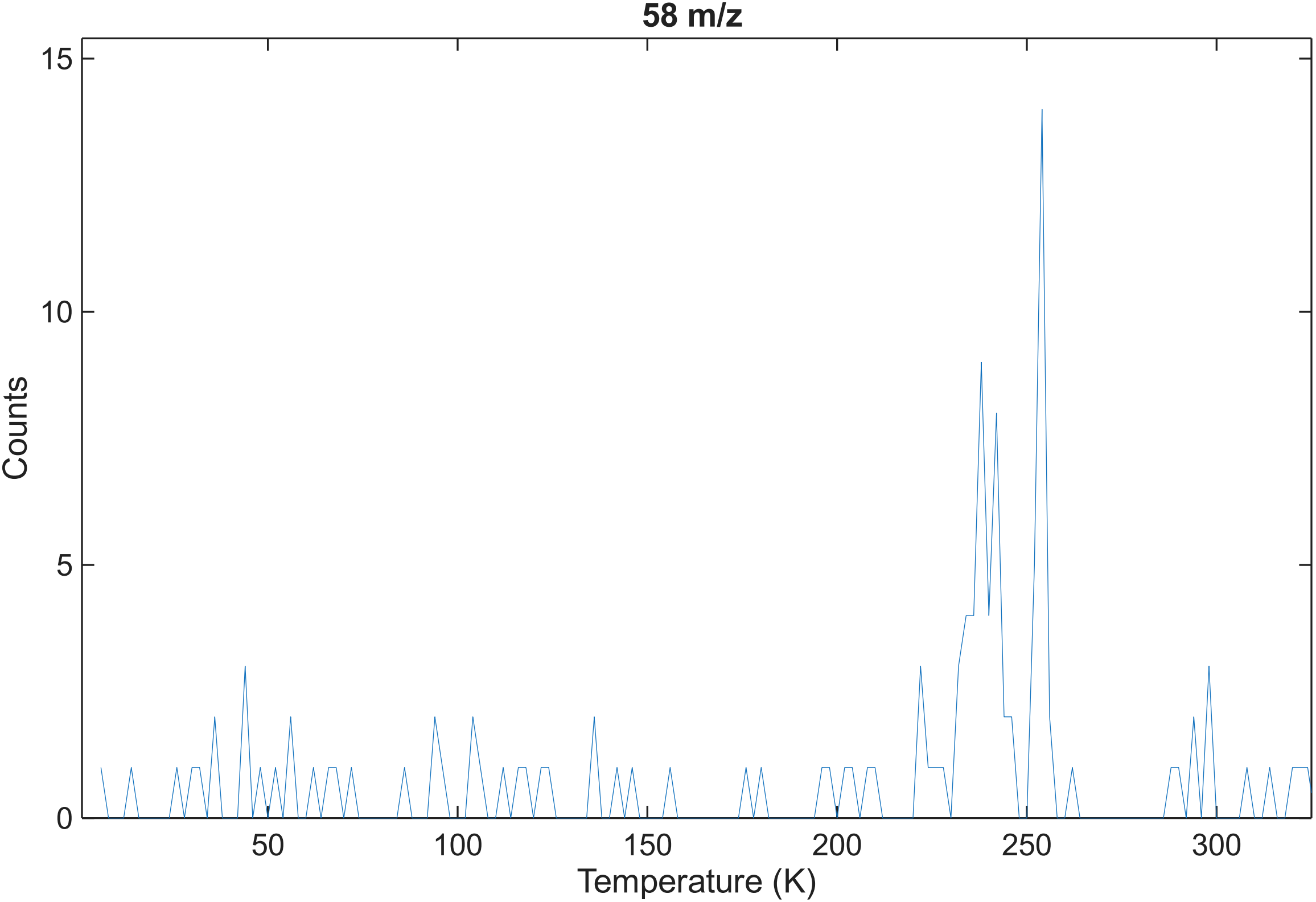

53 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300

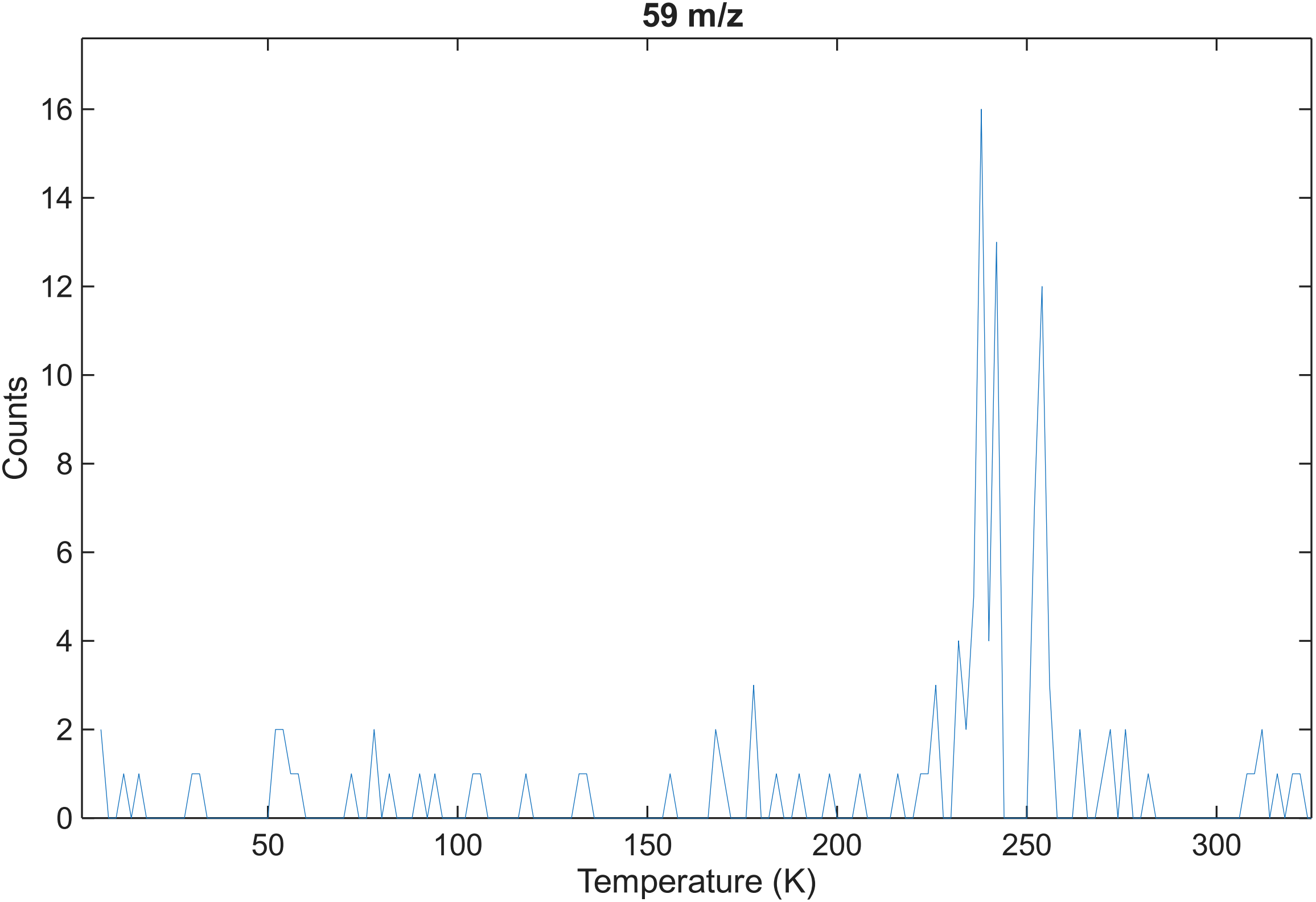

54 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
22
50
100
150
200
250
300

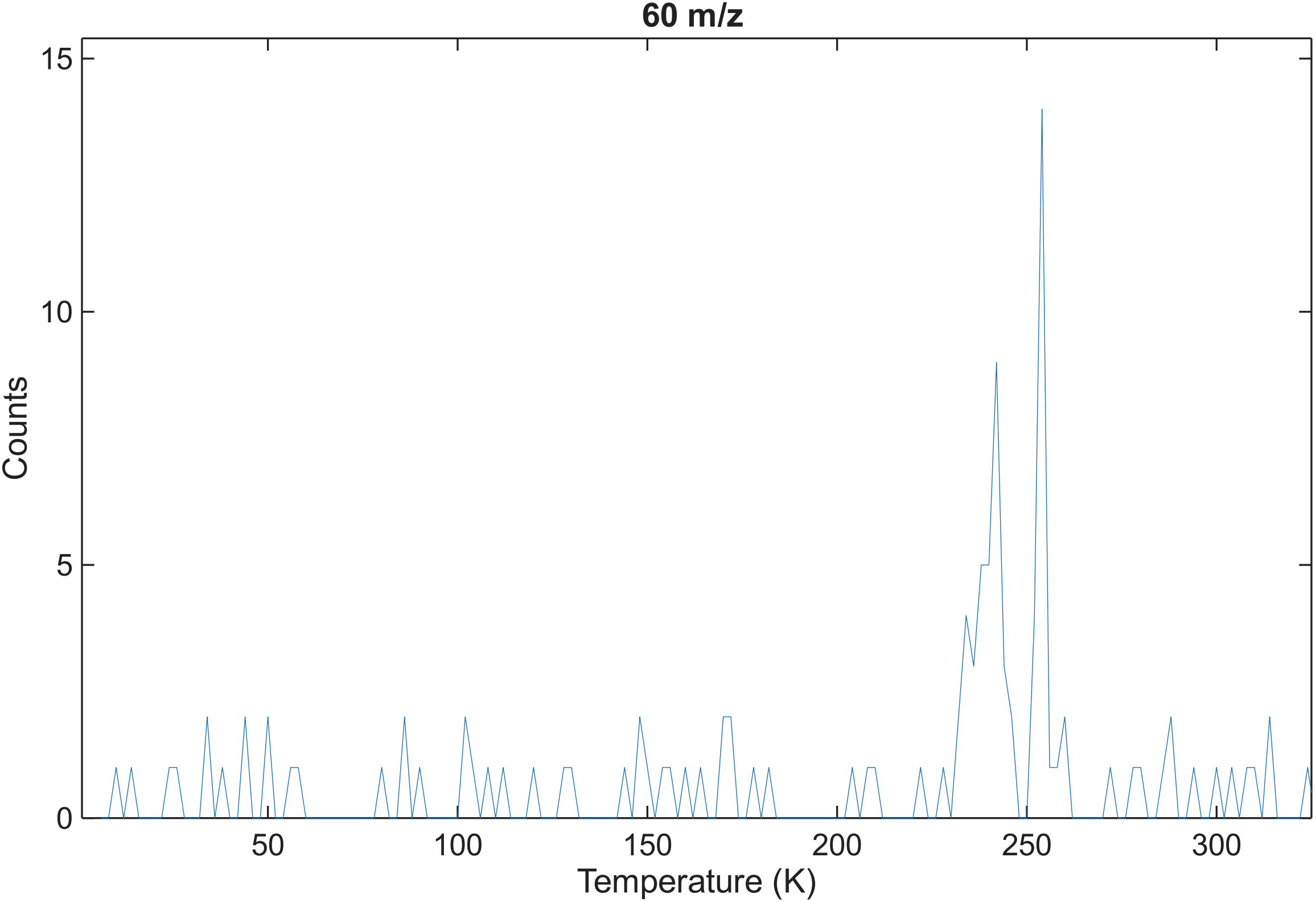

55 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
50
100
150
200
250
300

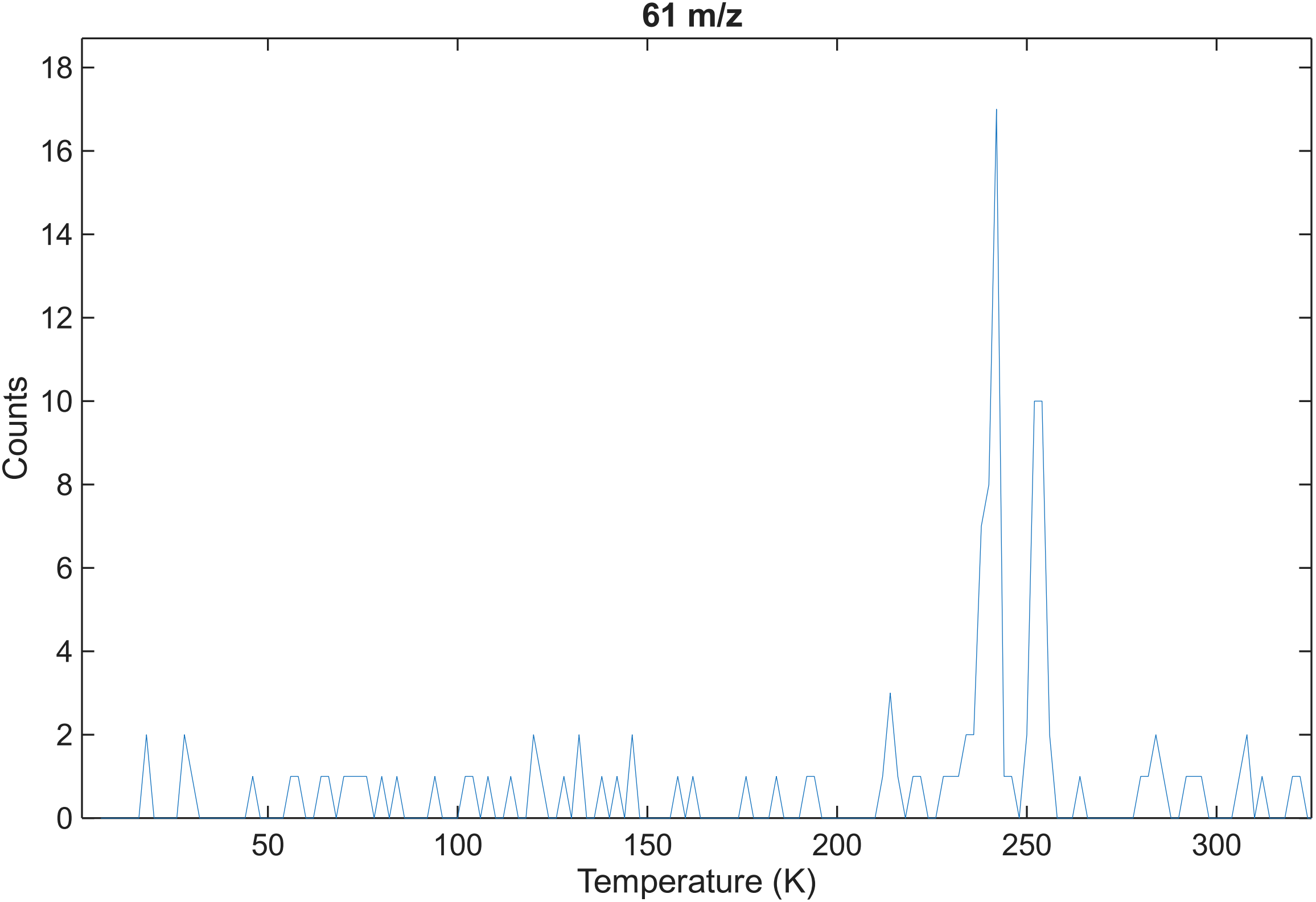

56 m/z
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

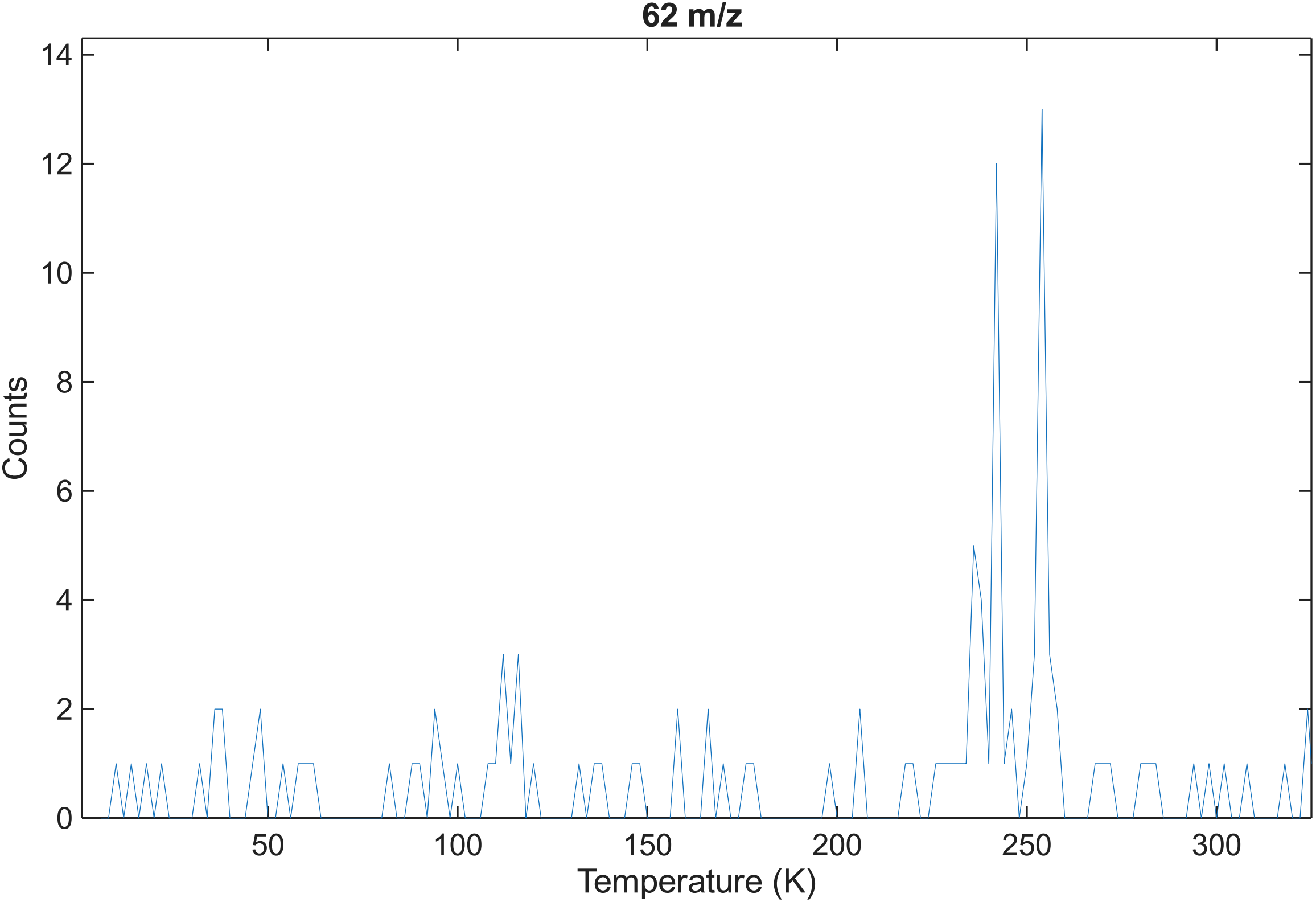

57 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

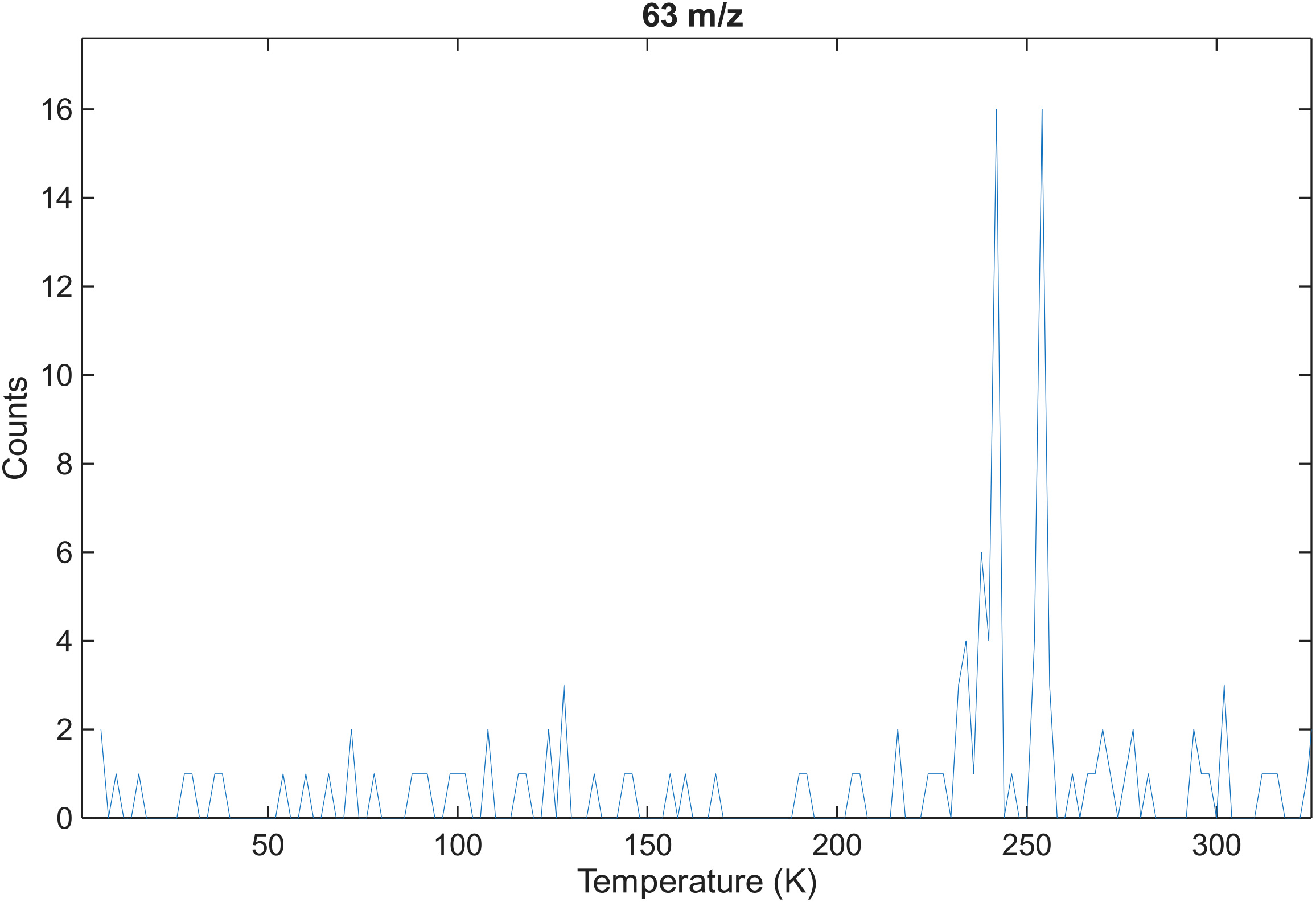

58 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

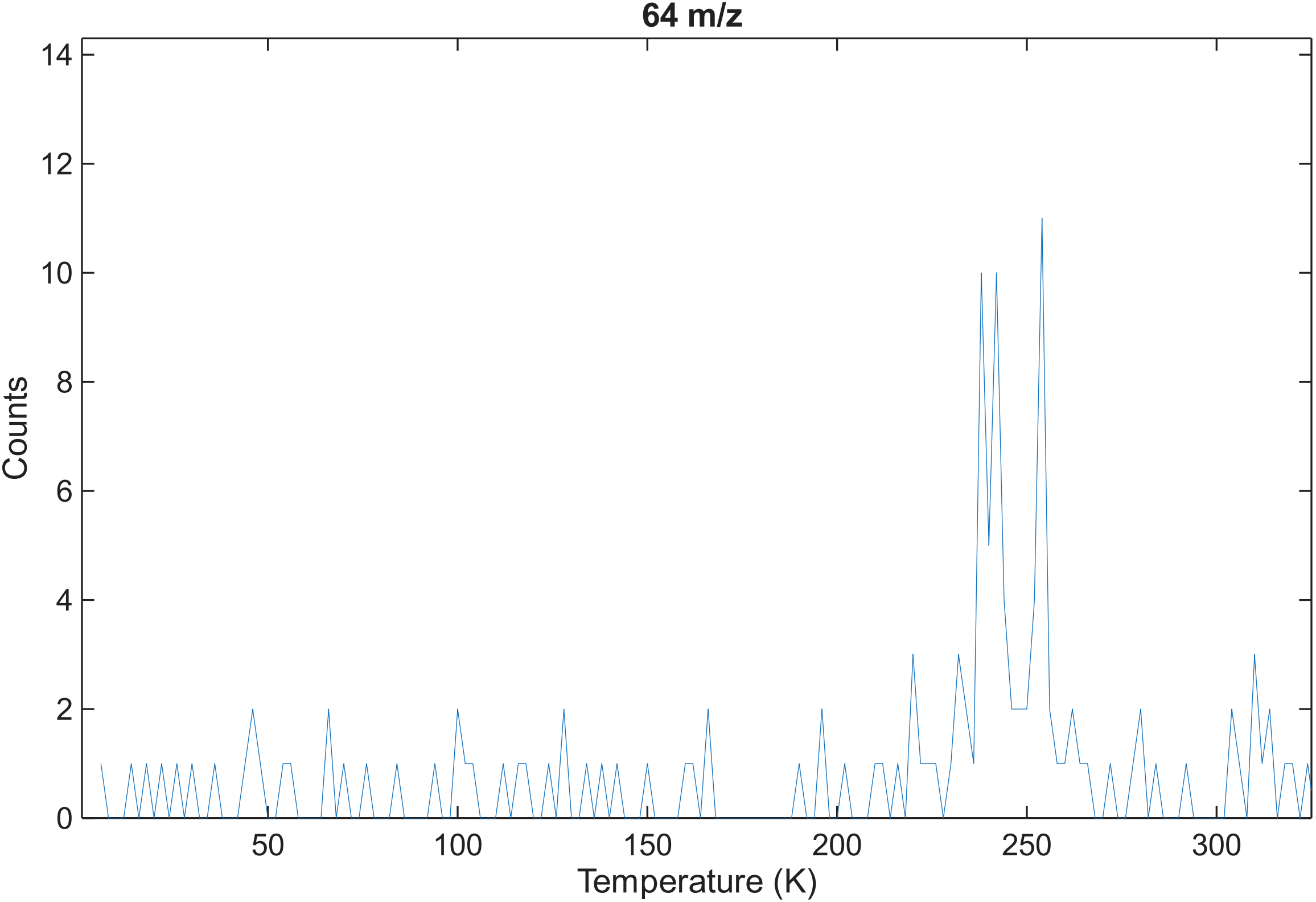

59 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

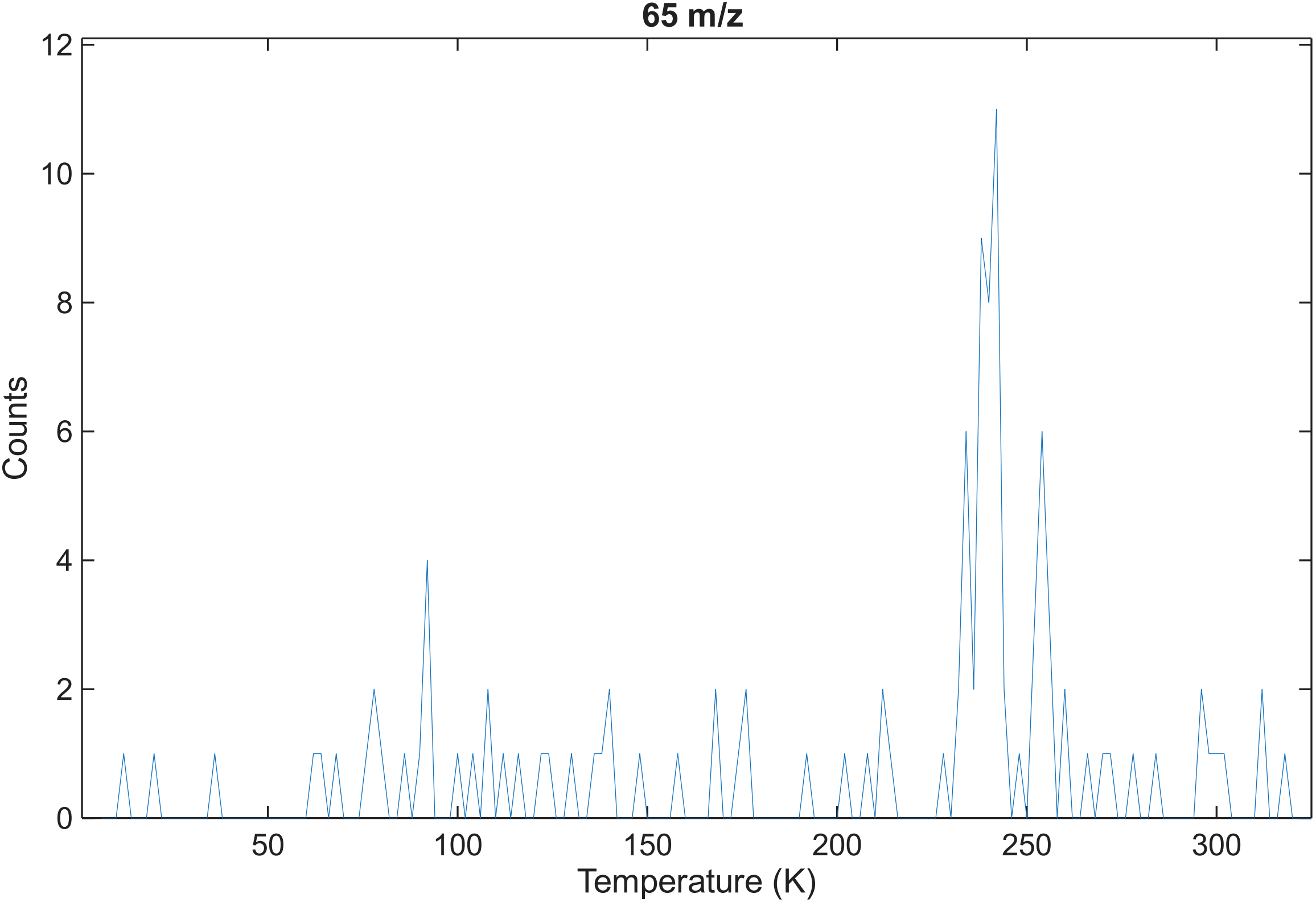

60 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)


61 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
50
100
150
200
250
300


62 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300


63 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300


64 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300


65 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
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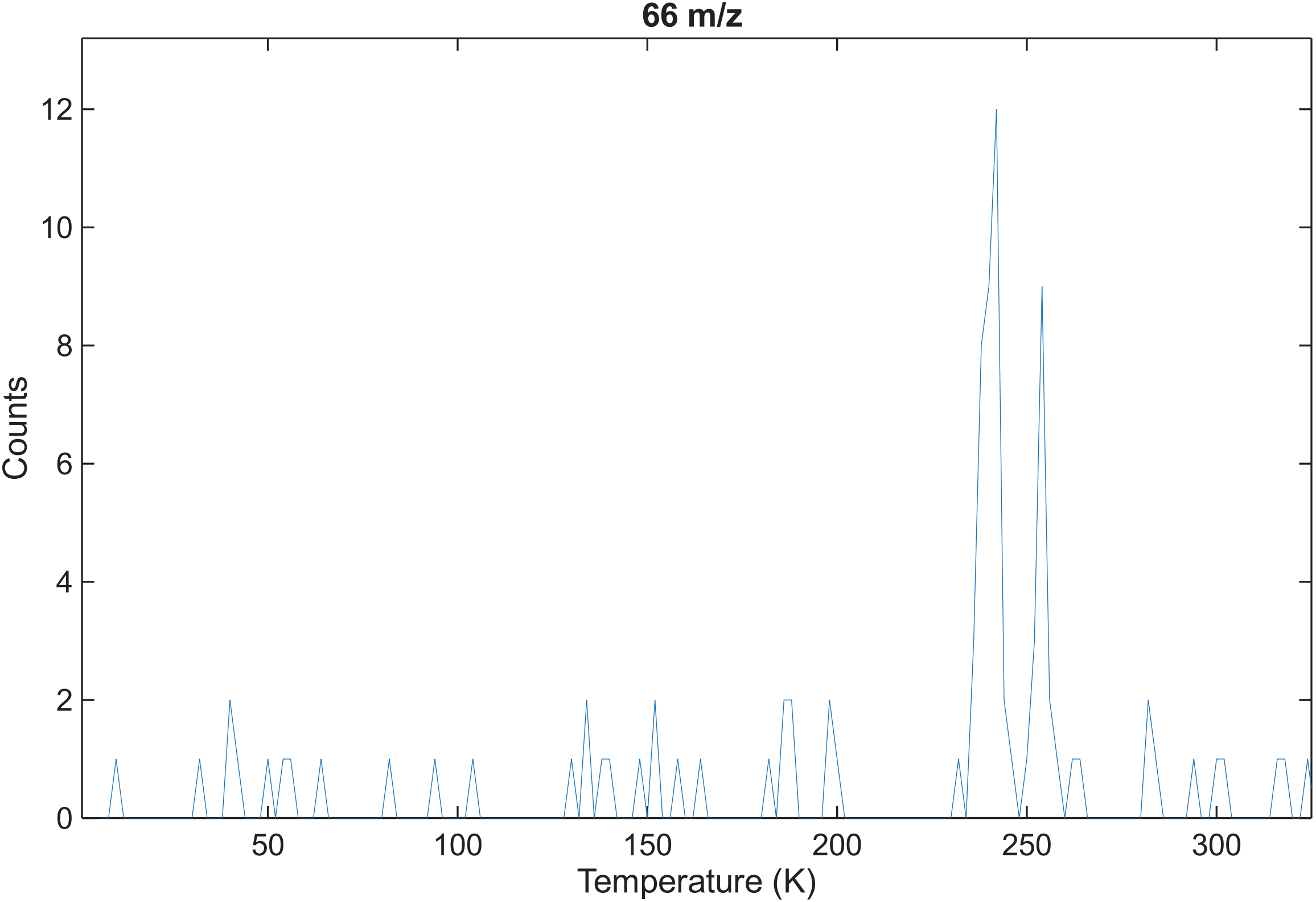
150
200
250
300


66 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
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150
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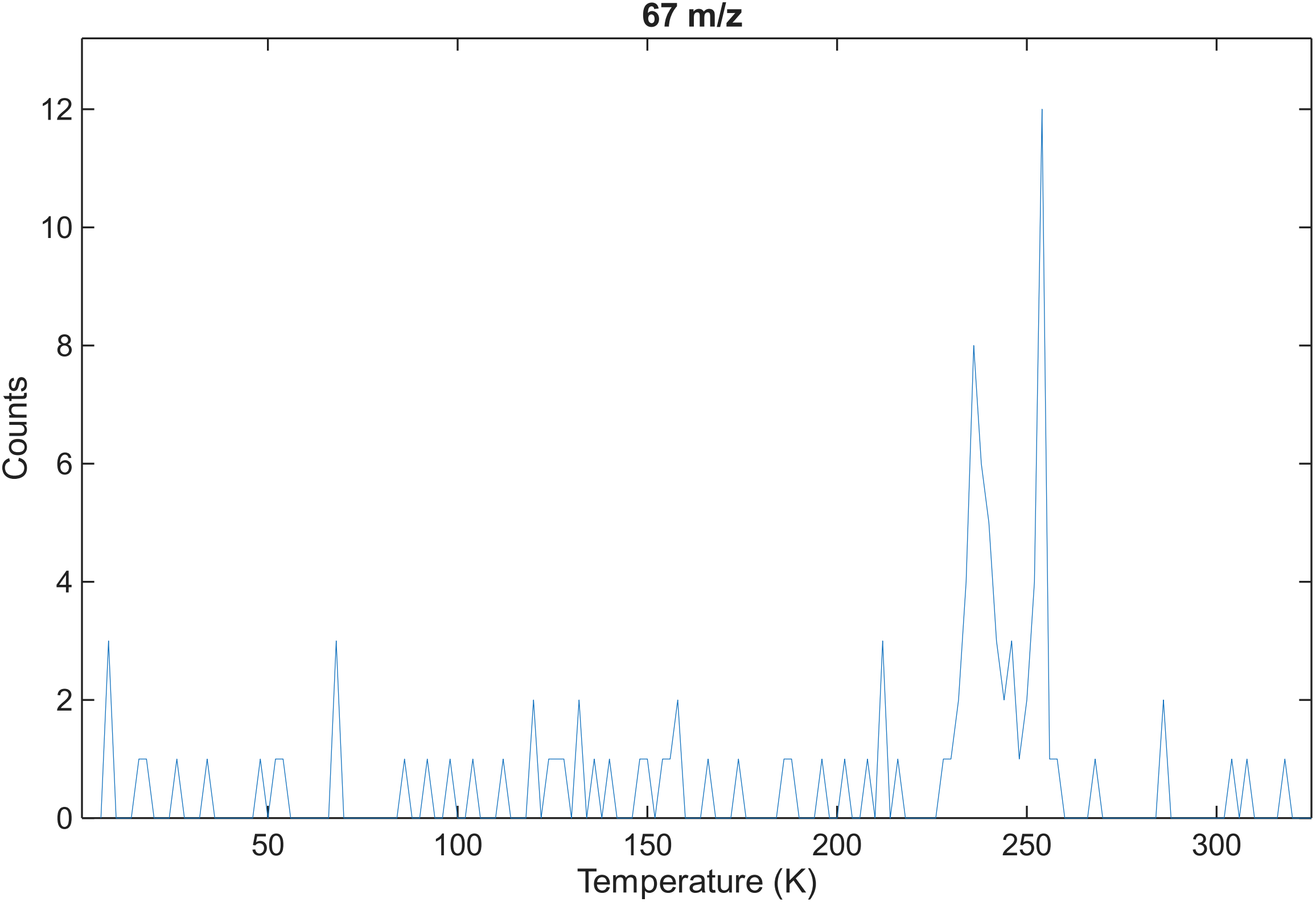
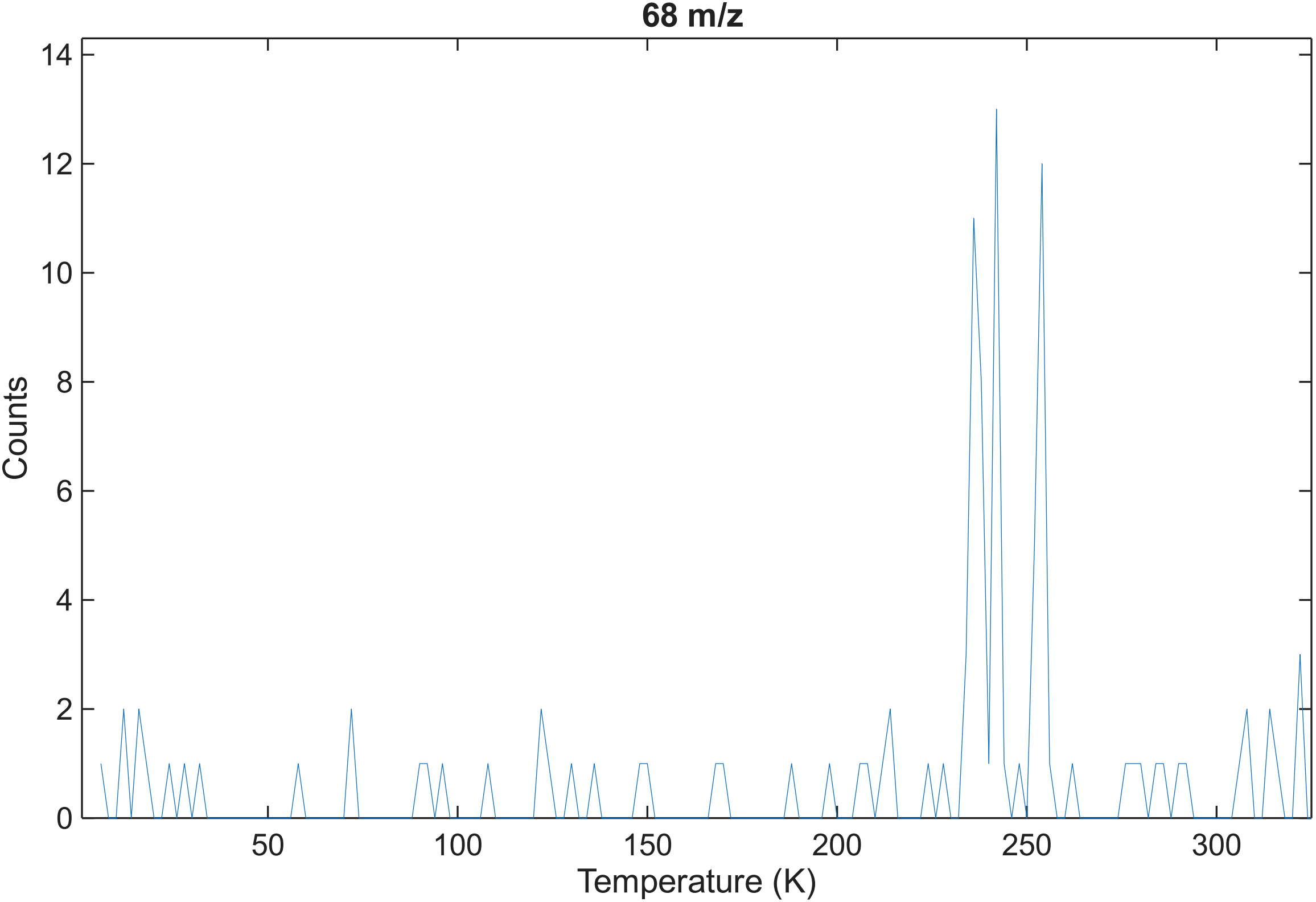
250
300


67 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300


68 m/z
Counts
Temperature (K)
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2
4
6
8
10
12
14
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100
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200
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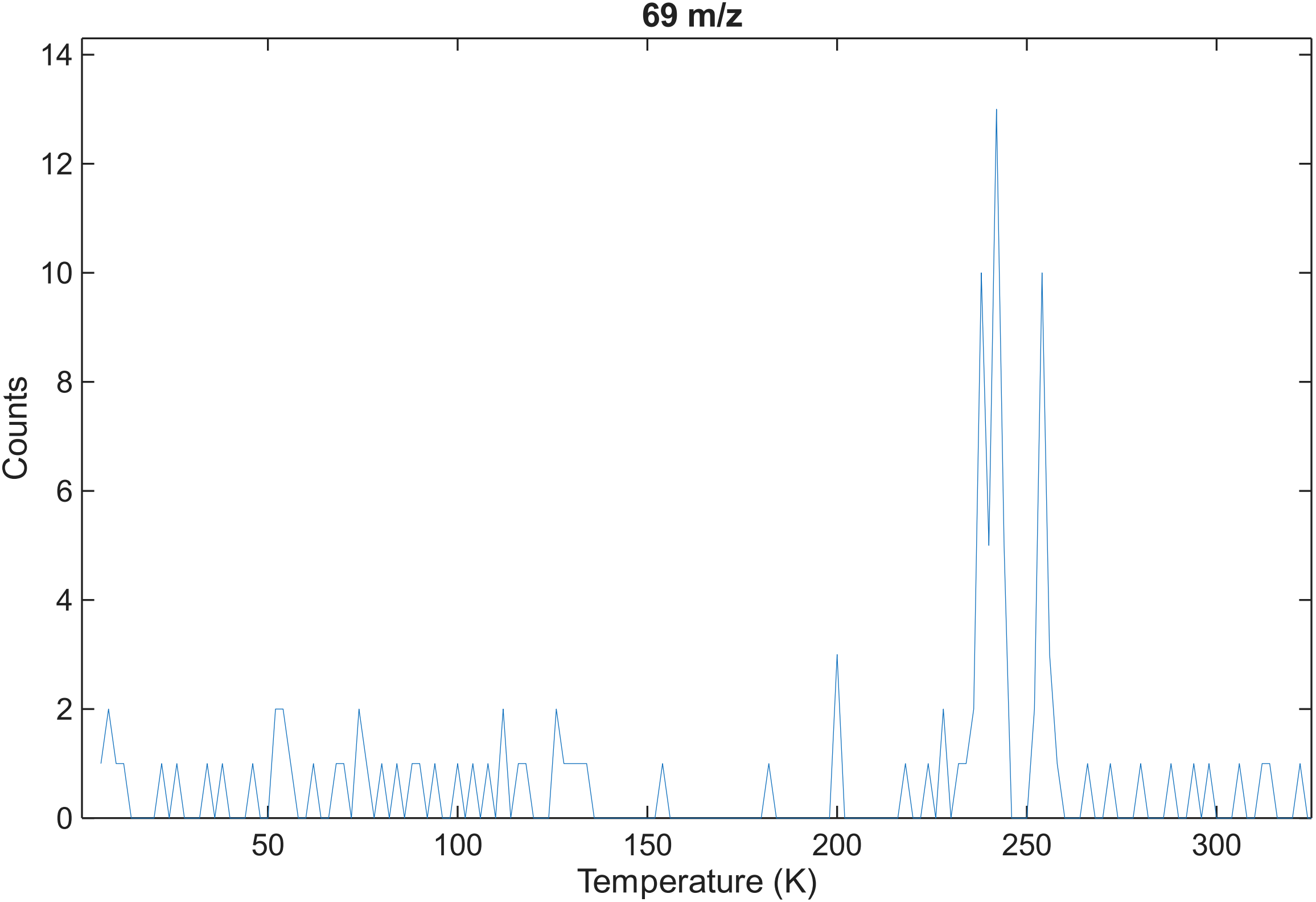
69 m/z
Counts
Temperature (K)
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2
4
6
8
10
12
14
50
100
150
200
250
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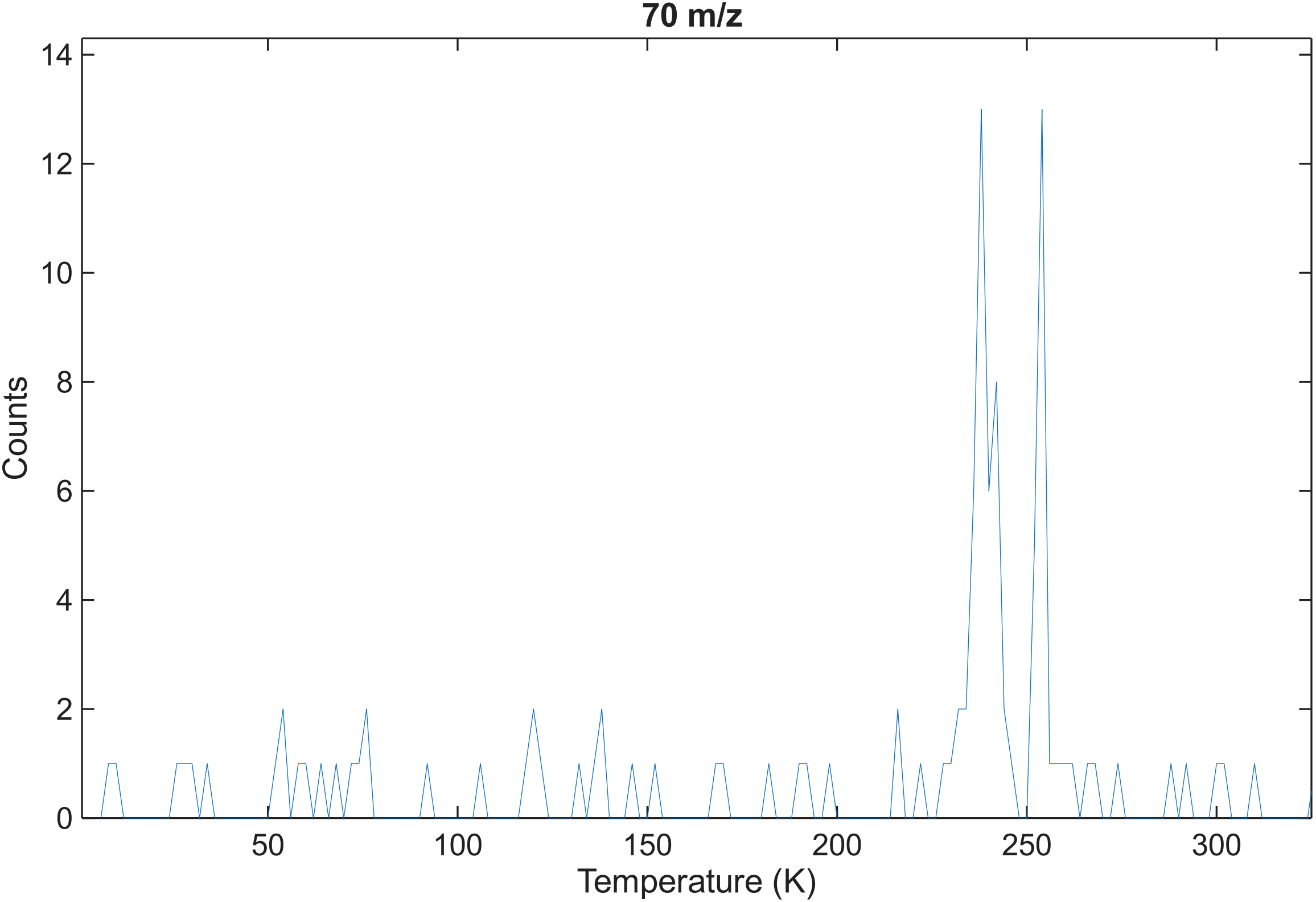
70 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
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100
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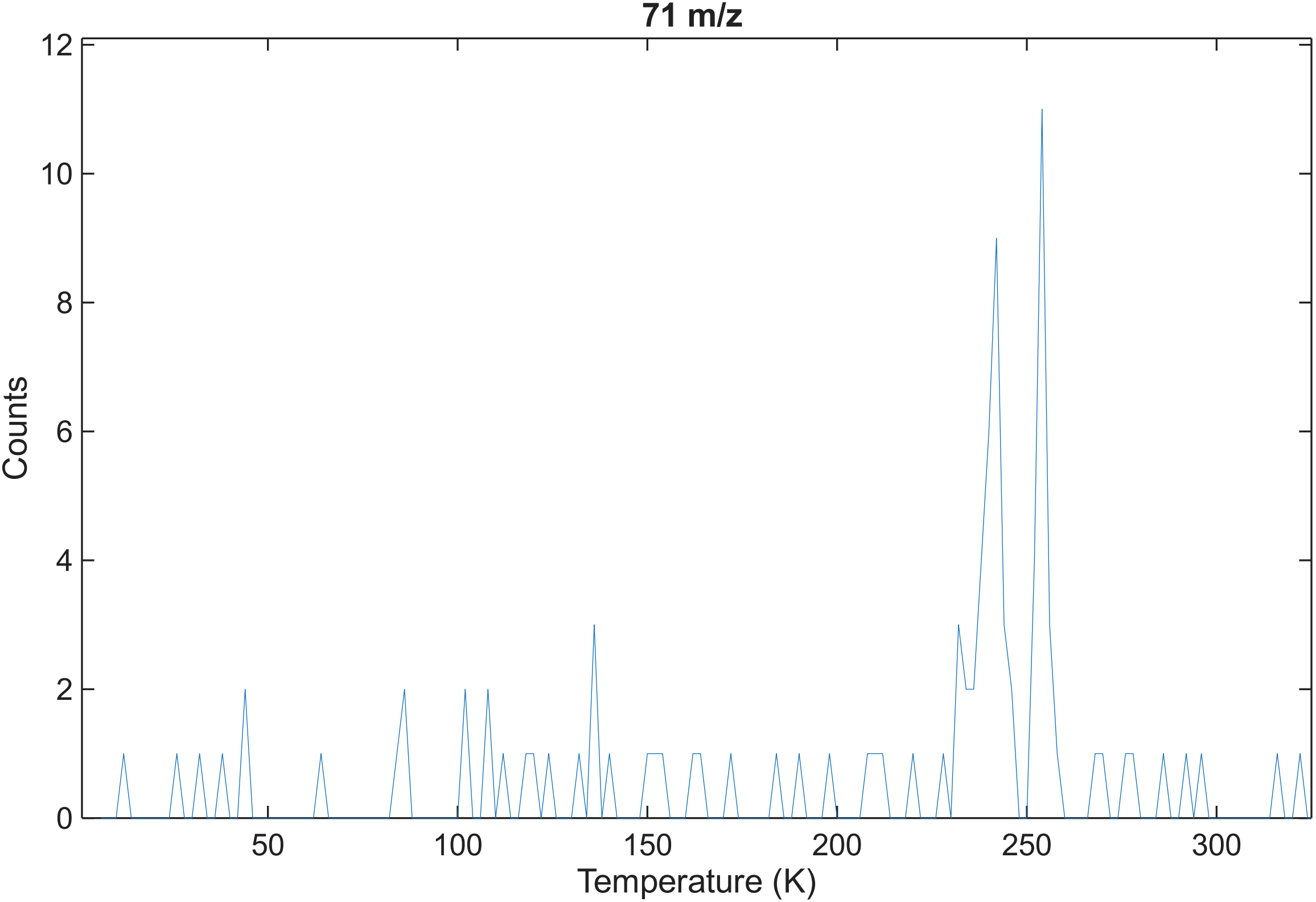
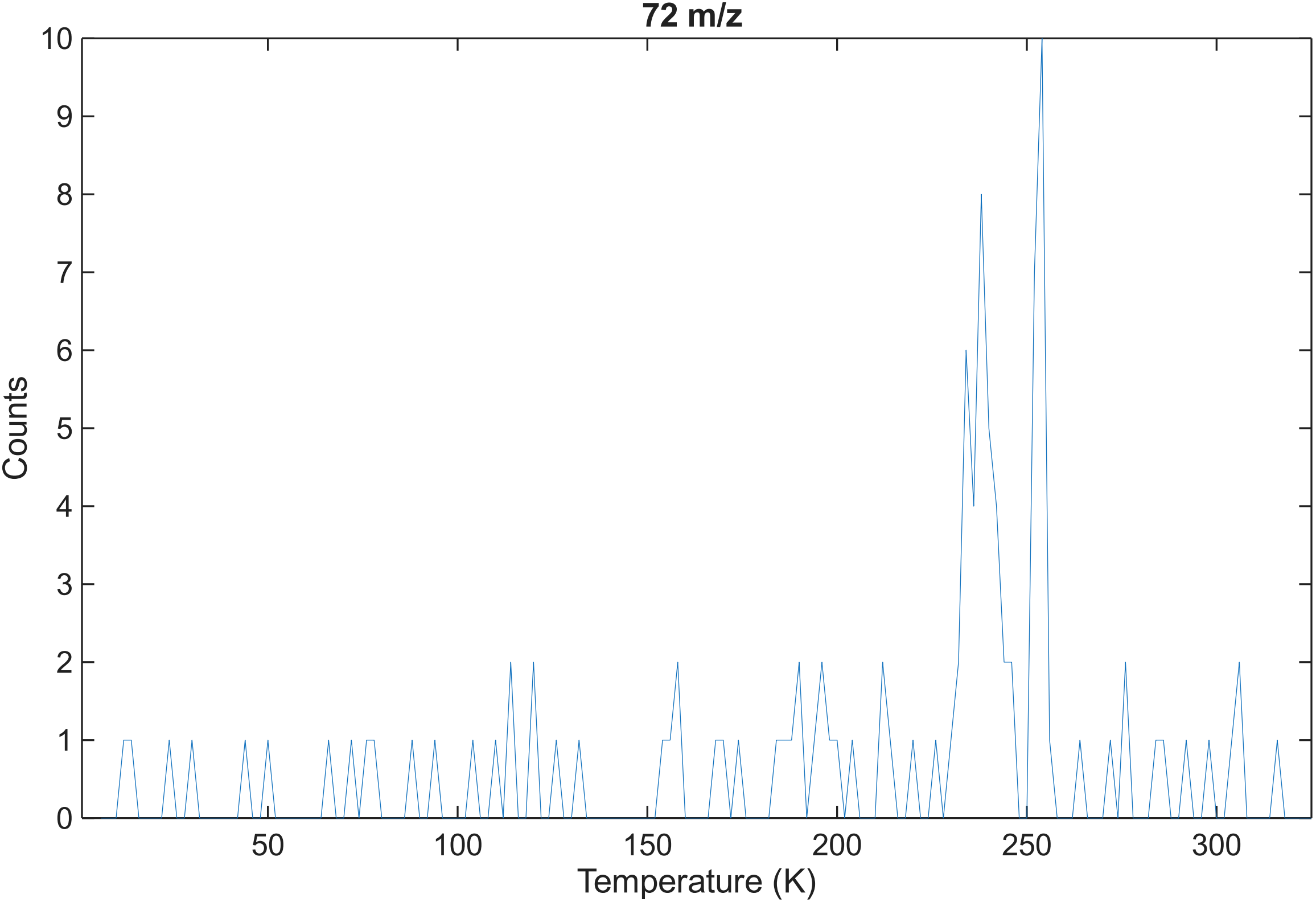
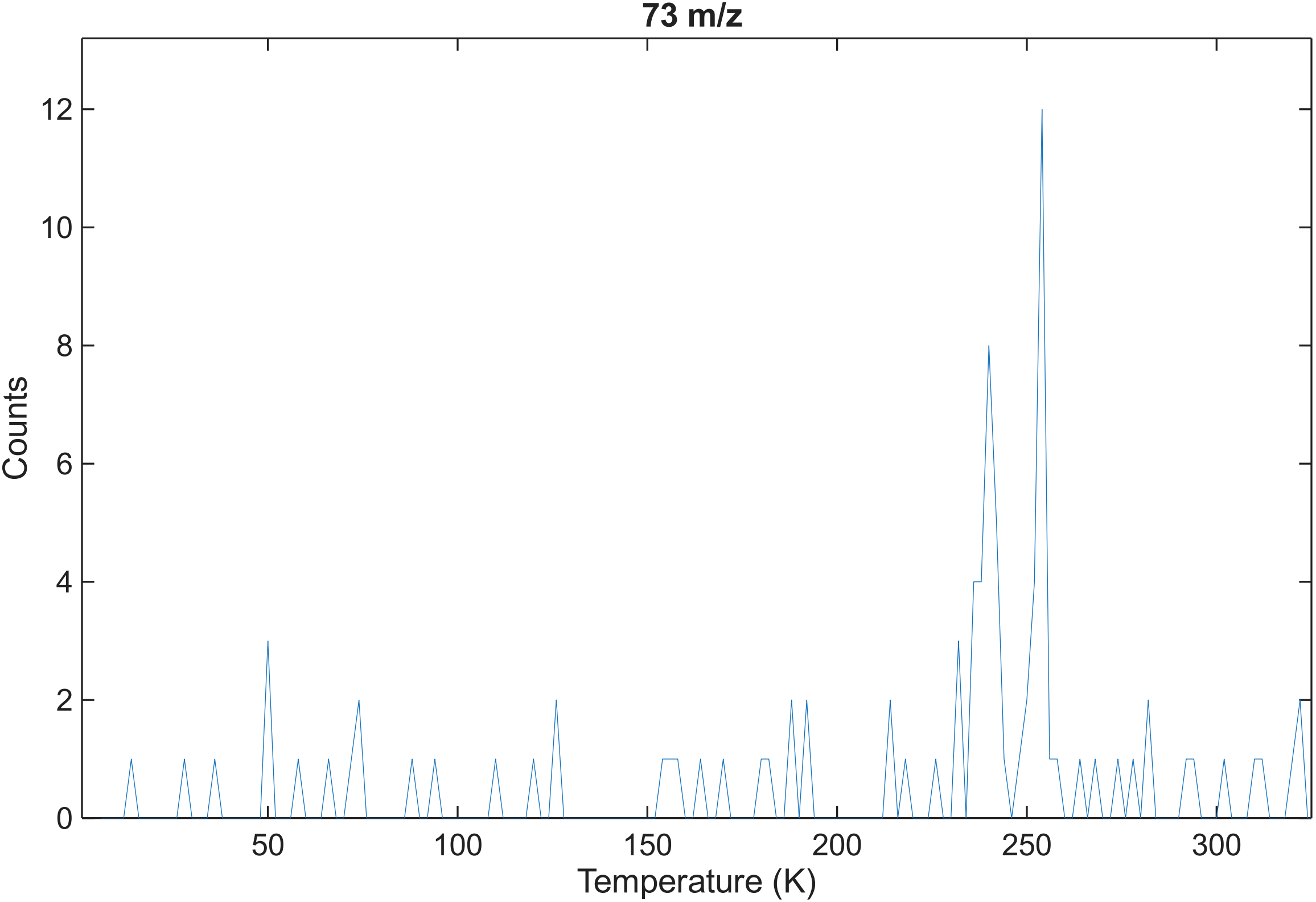
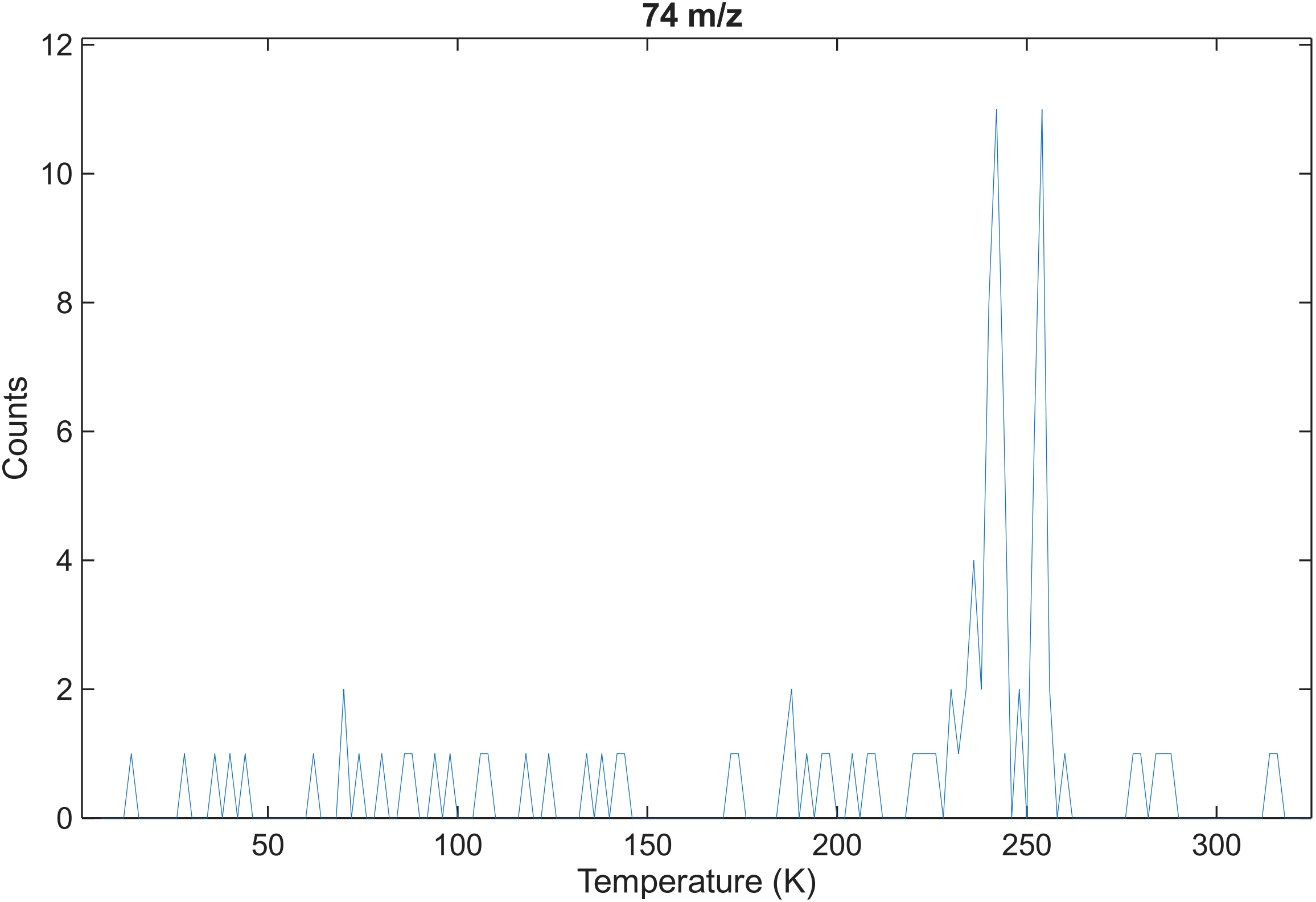
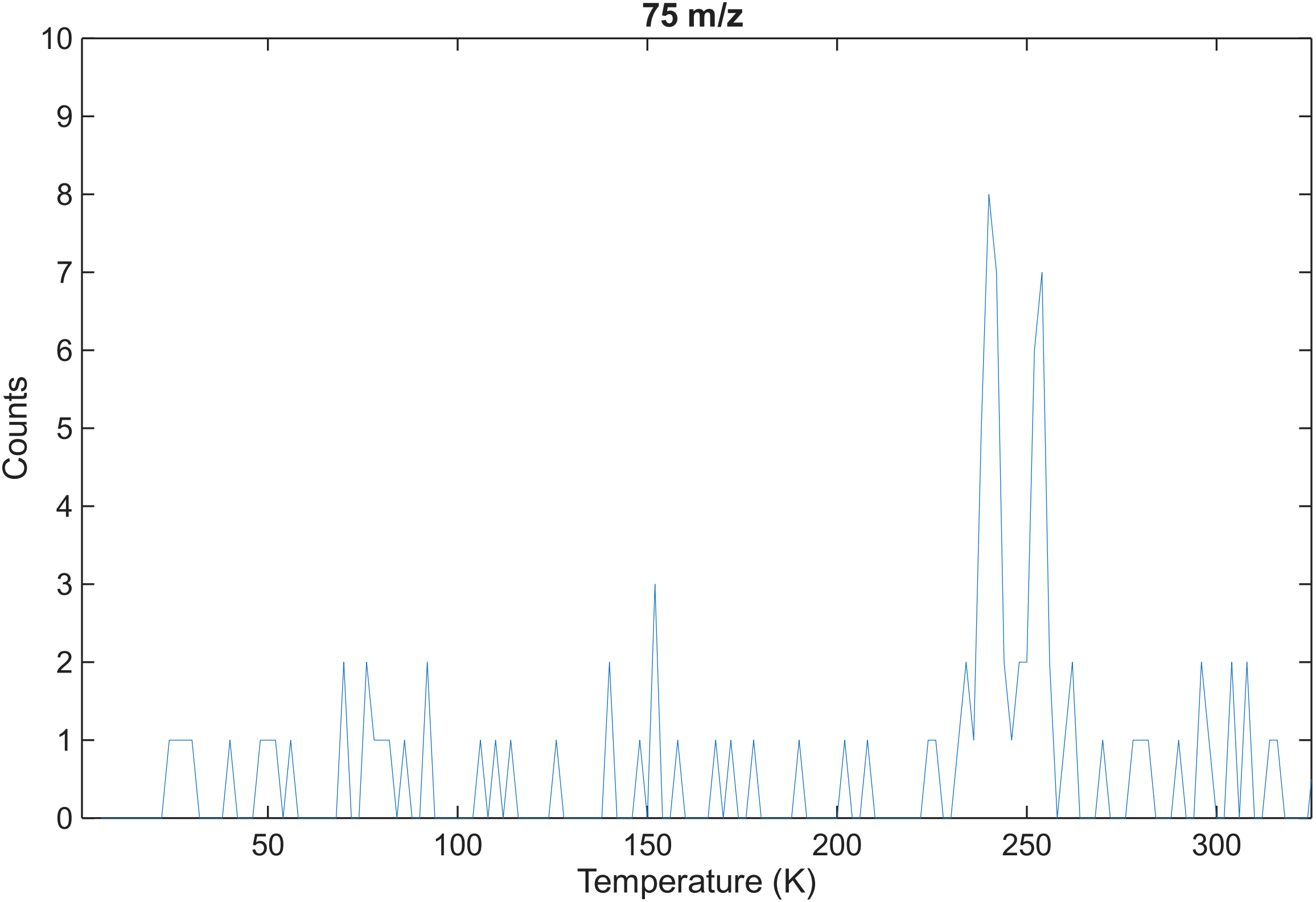
300


71 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300


72 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300


73 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300


74 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300


75 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
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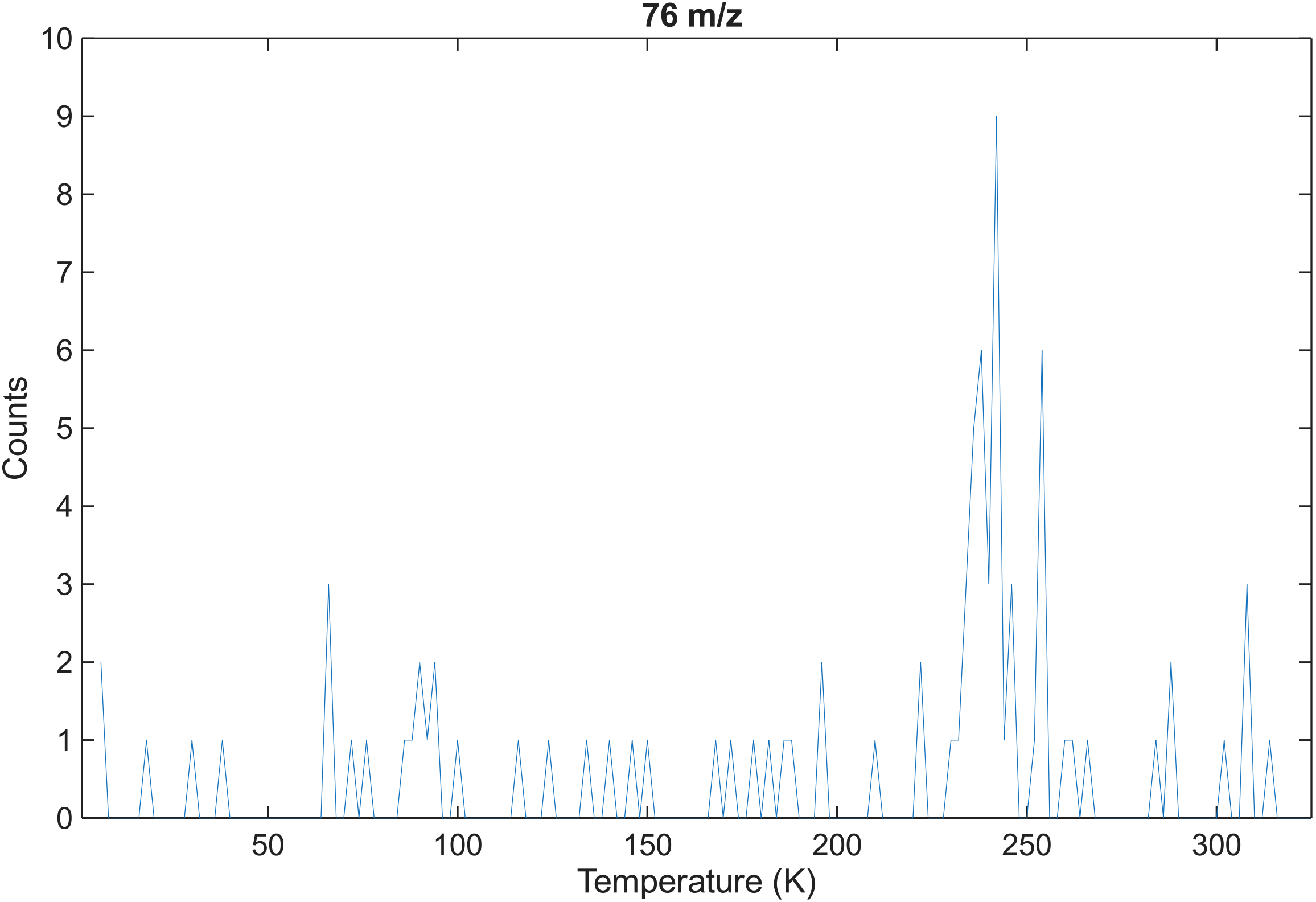
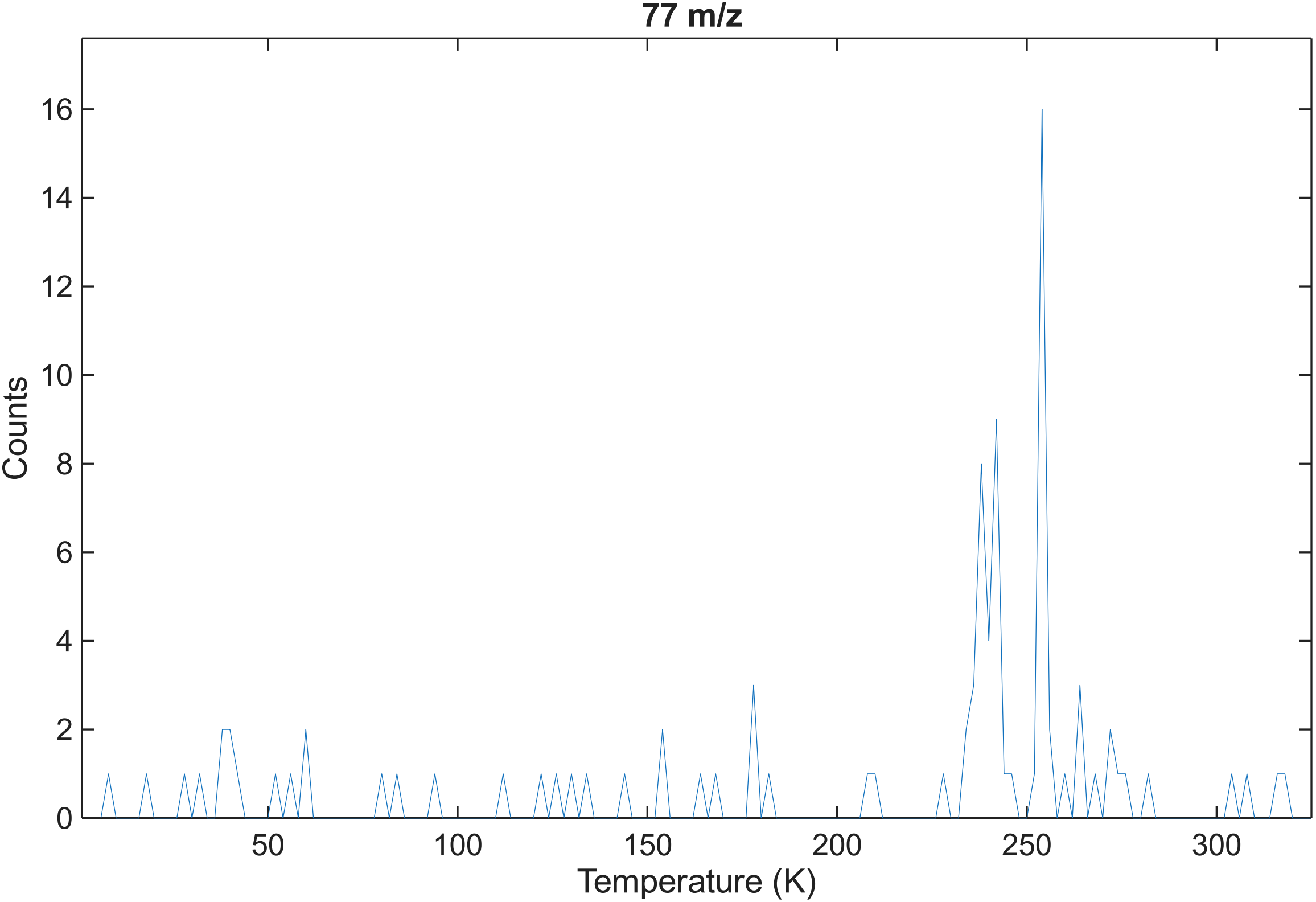
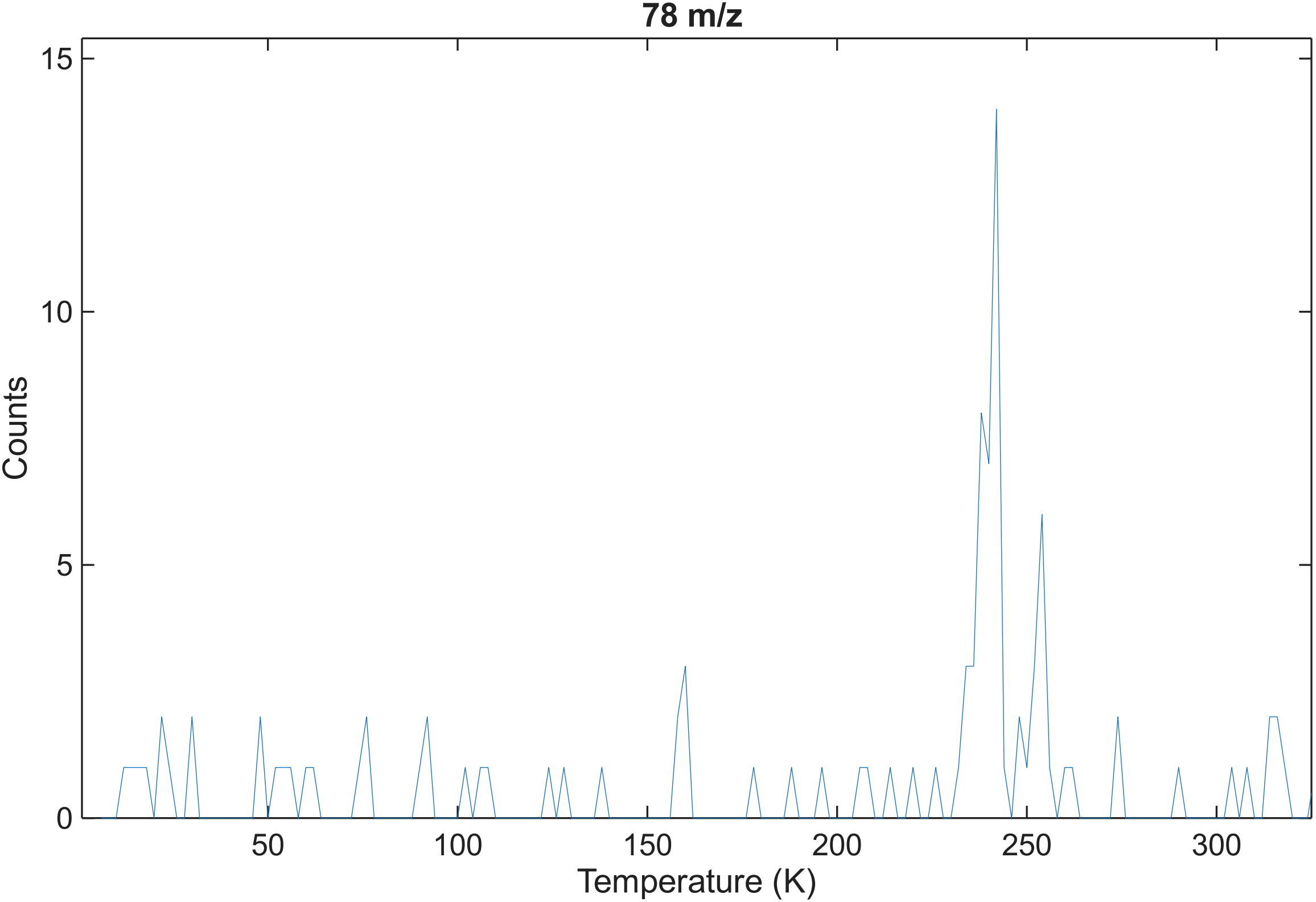
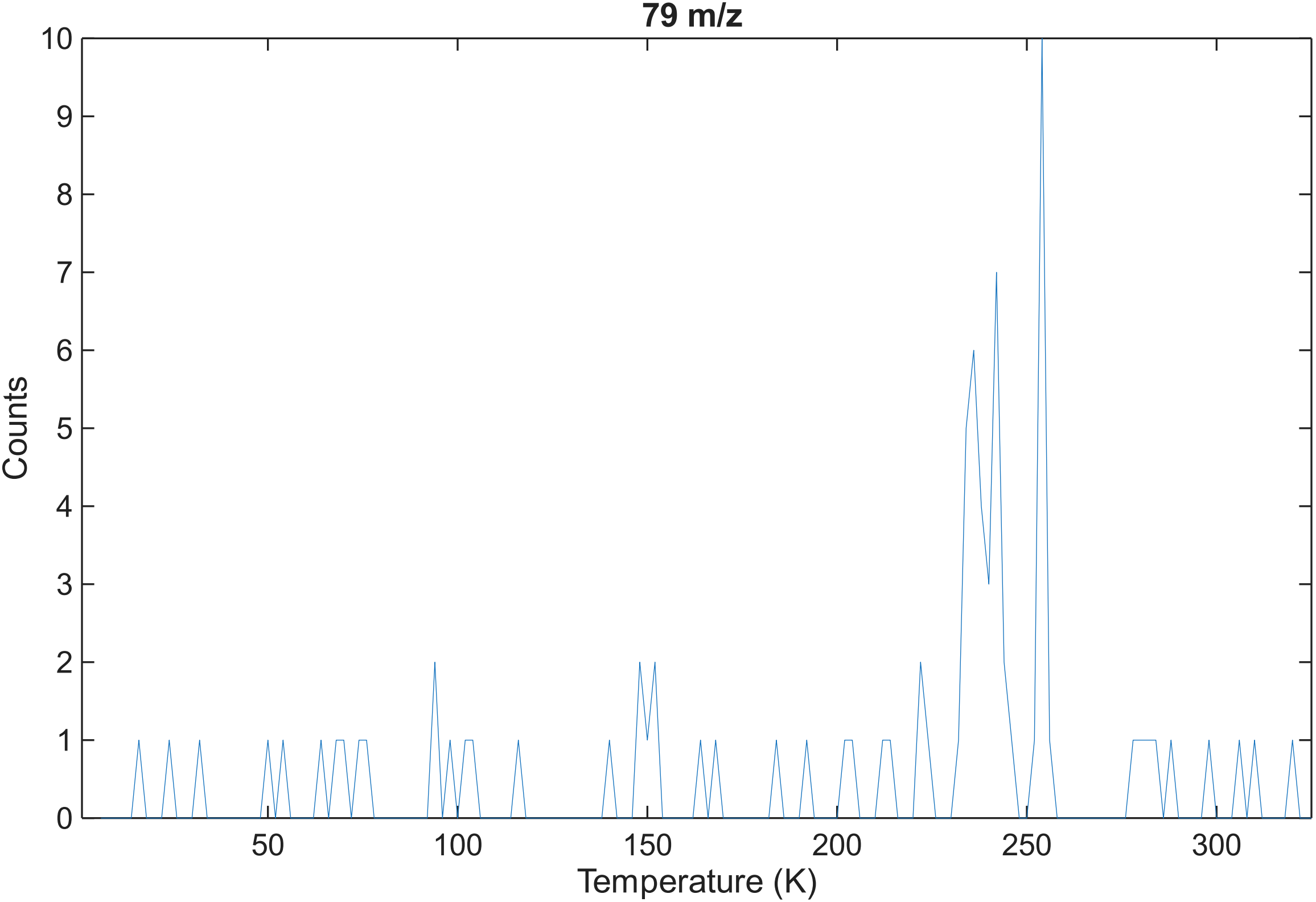
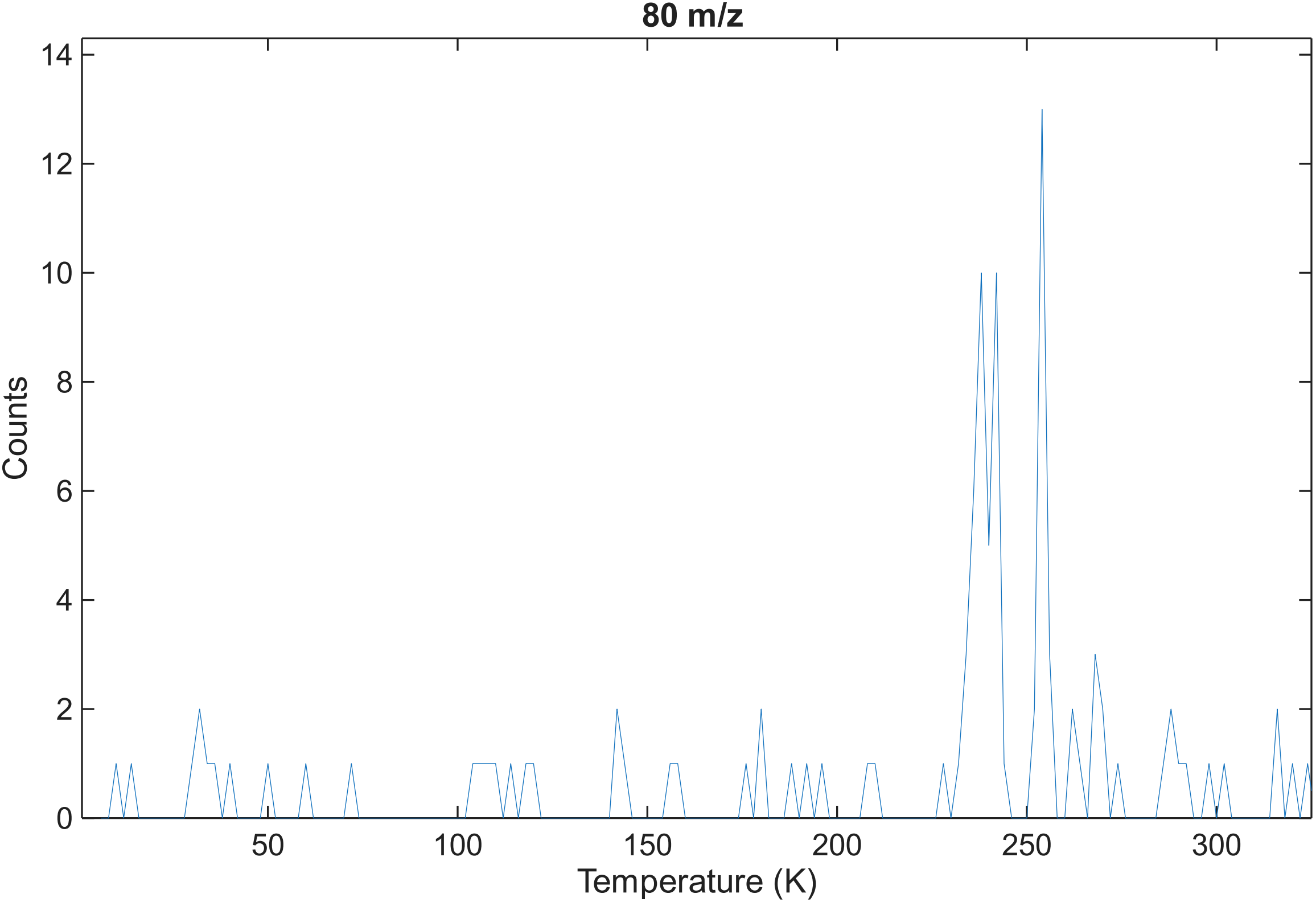
200
250
300

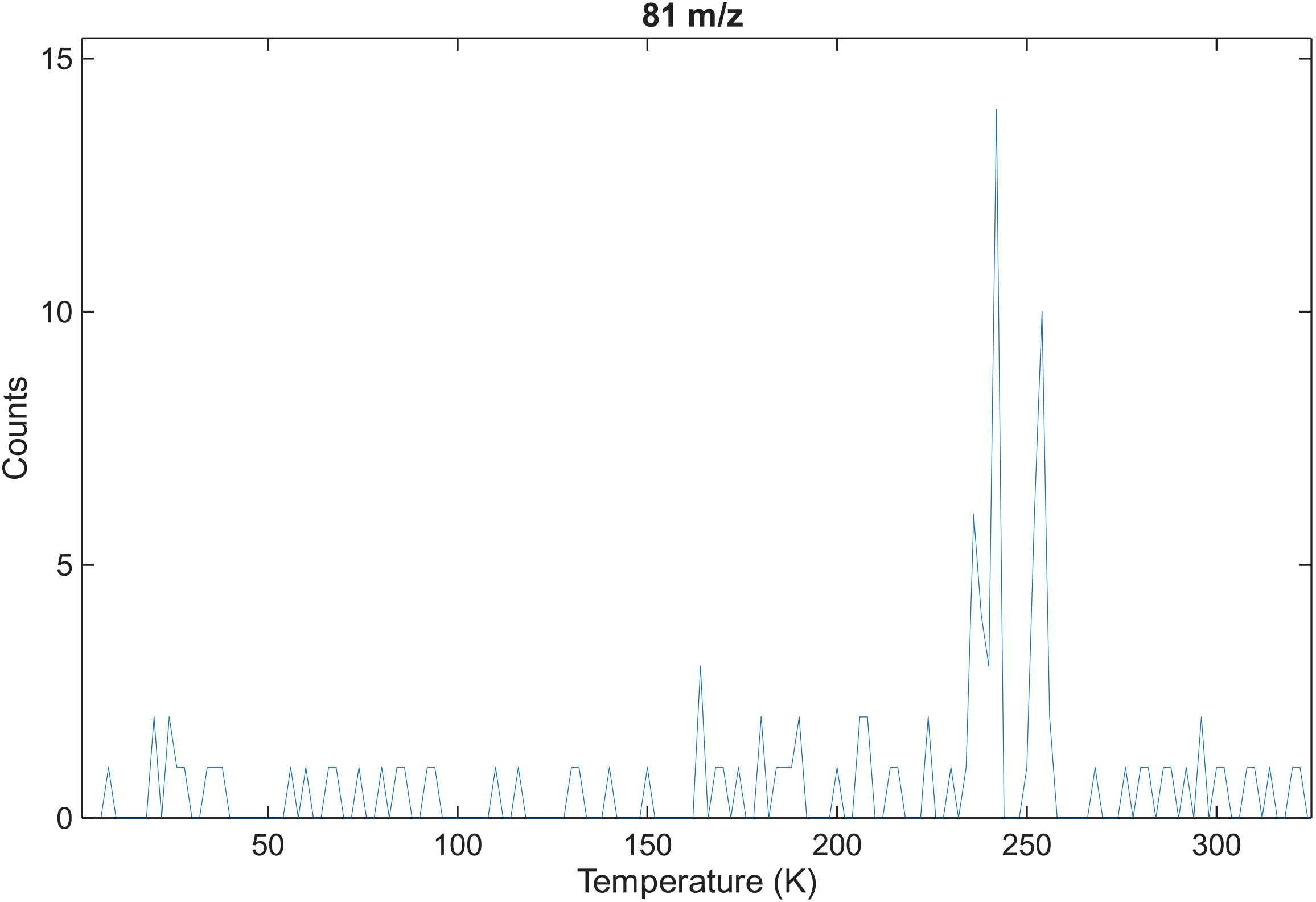

76 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

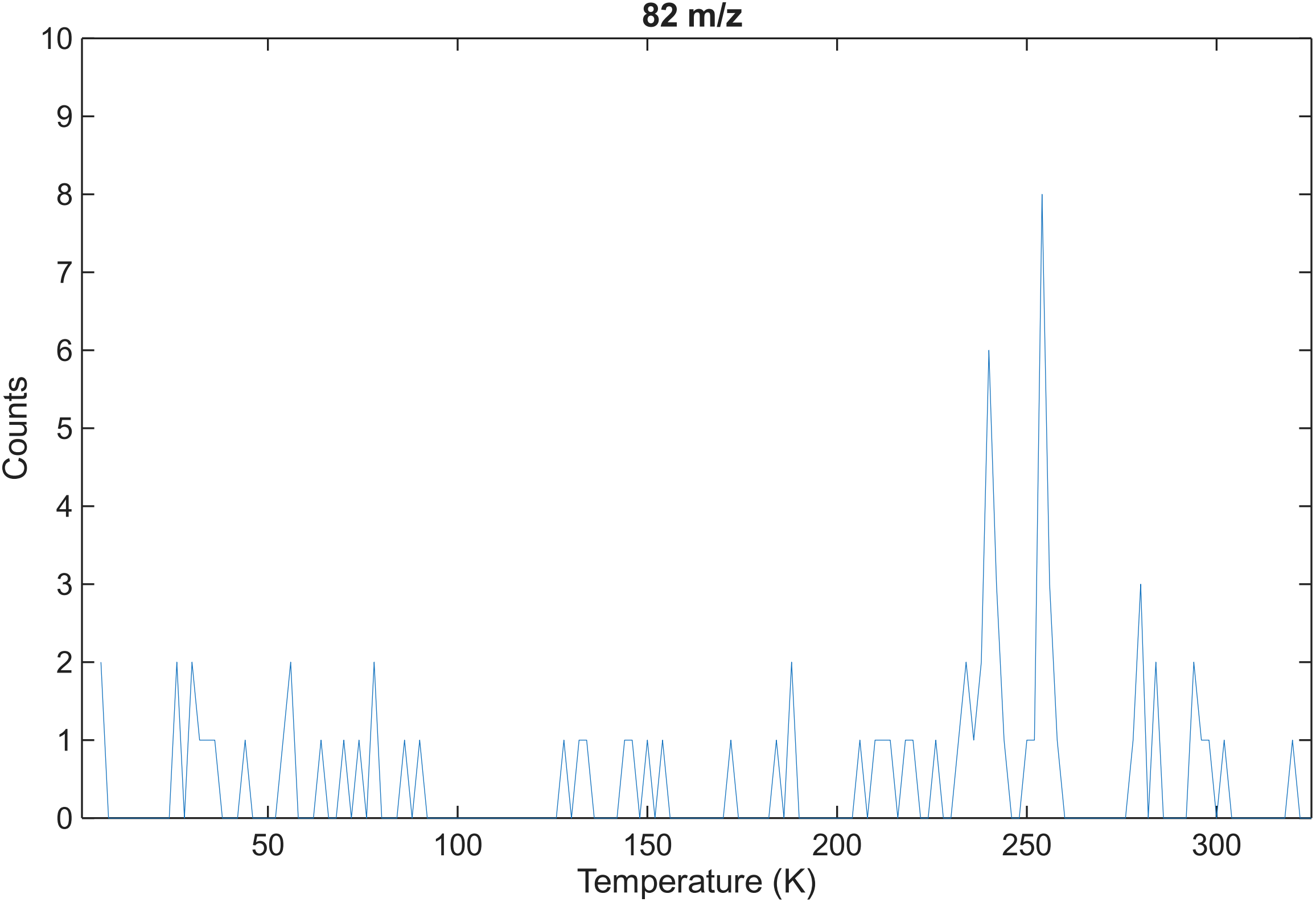

77 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

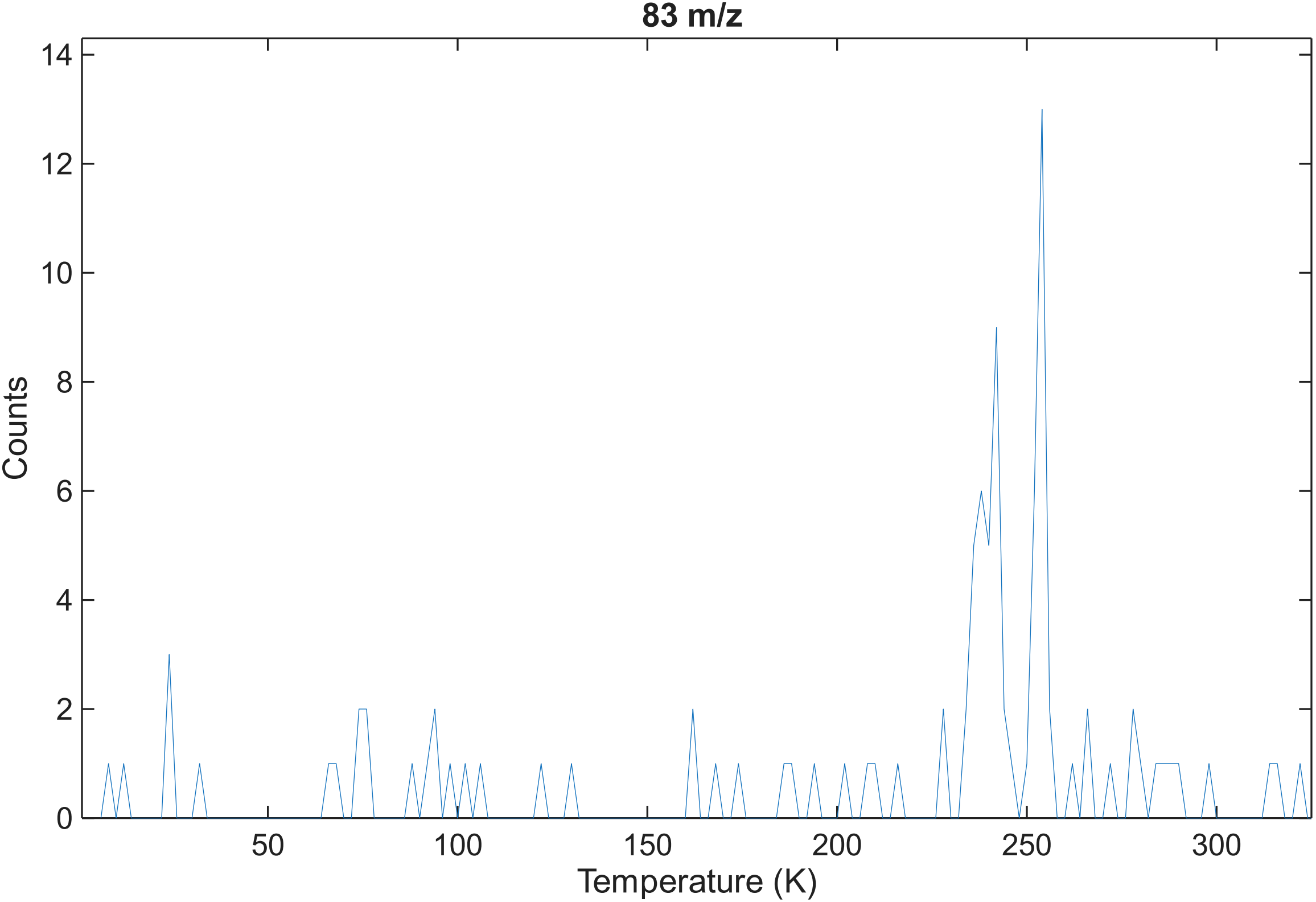

78 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

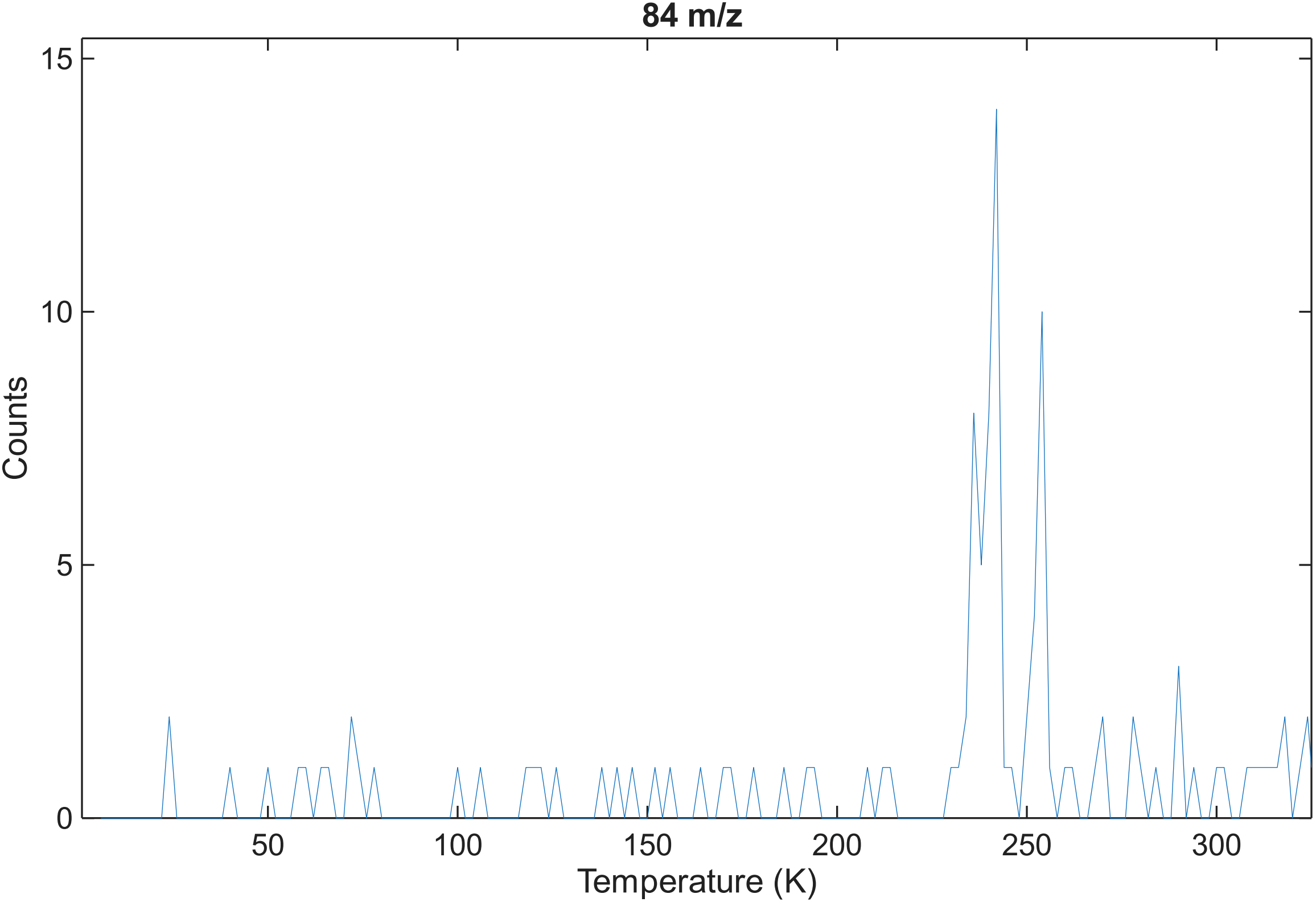

79 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

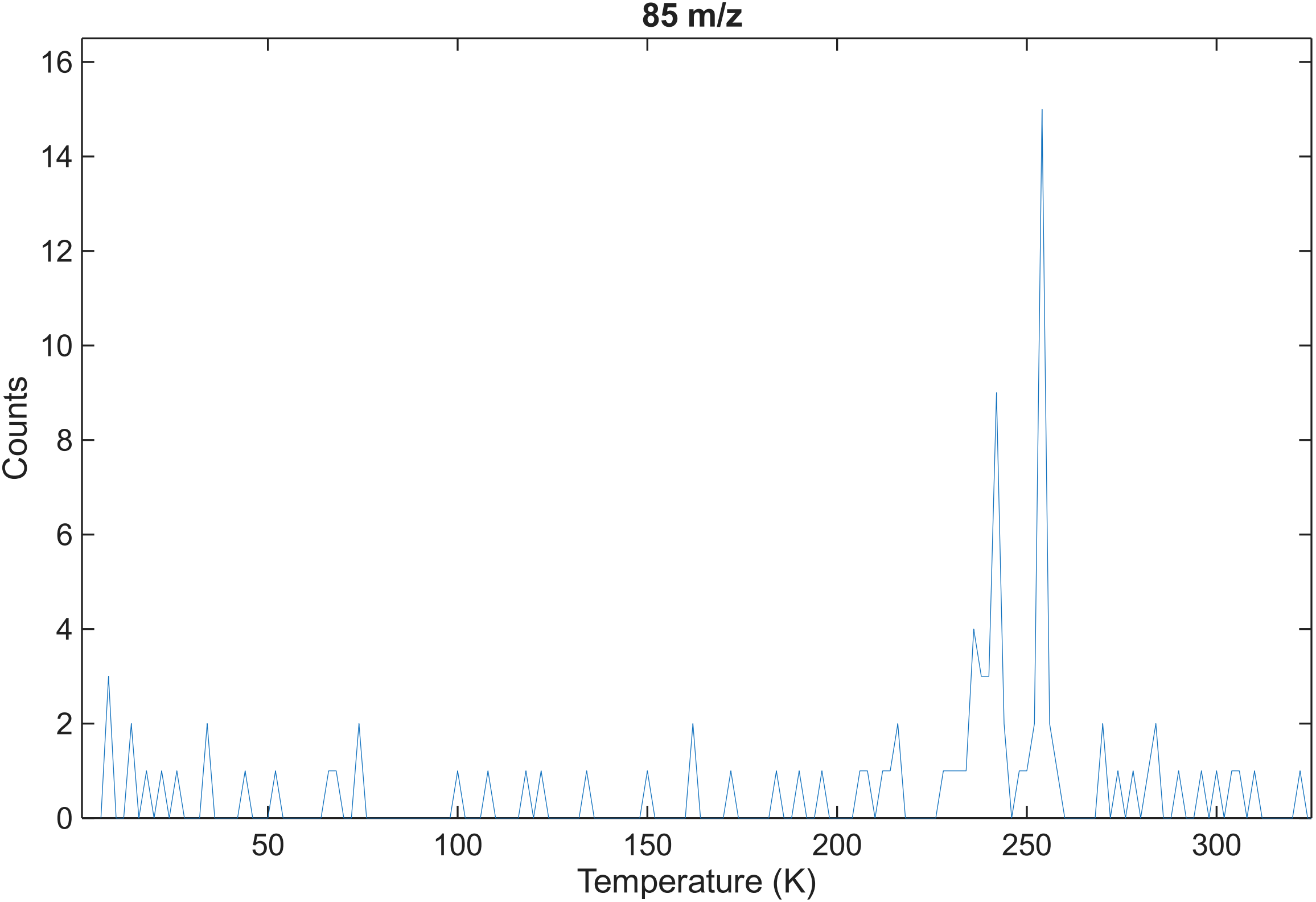

80 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300

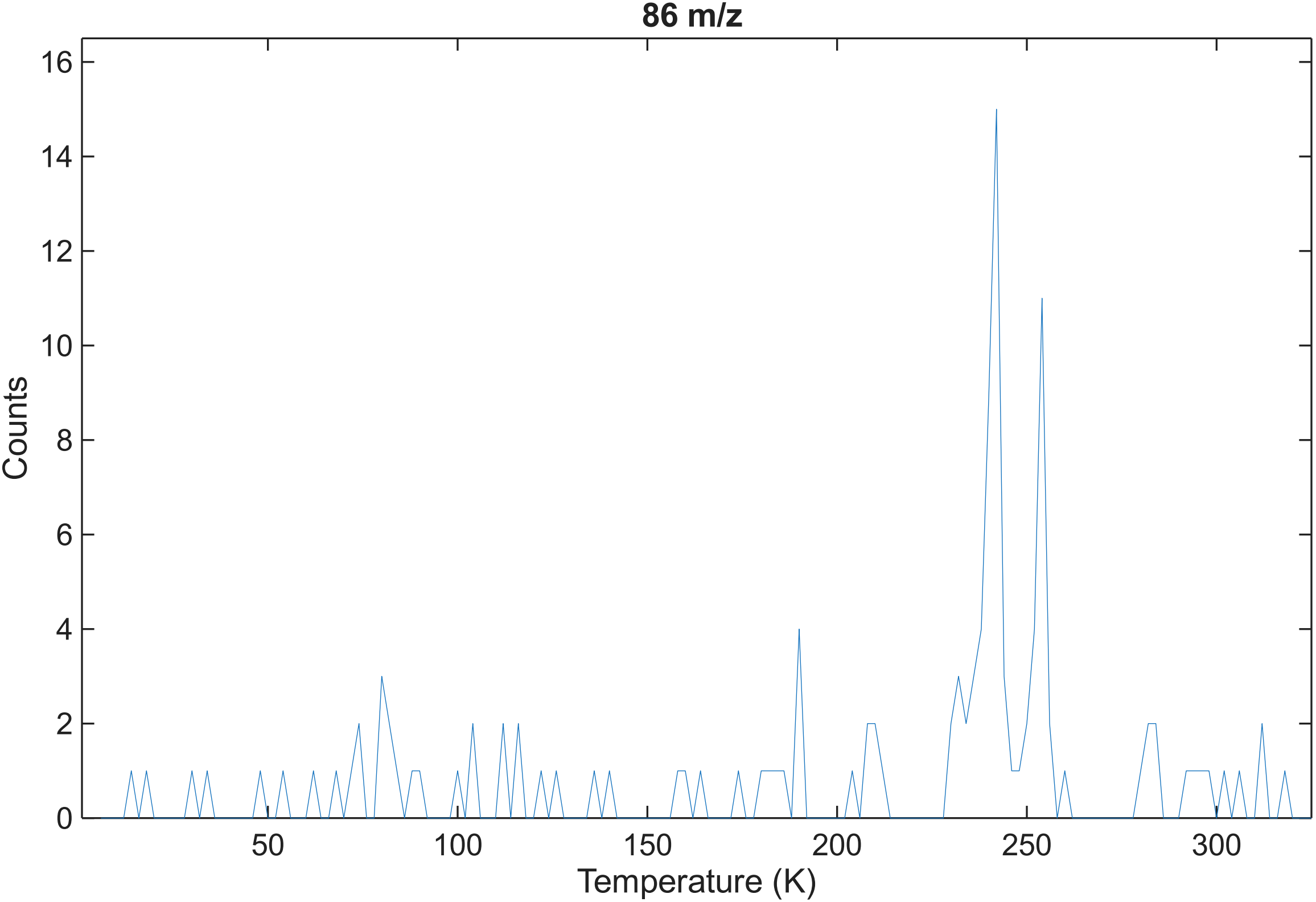

81 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

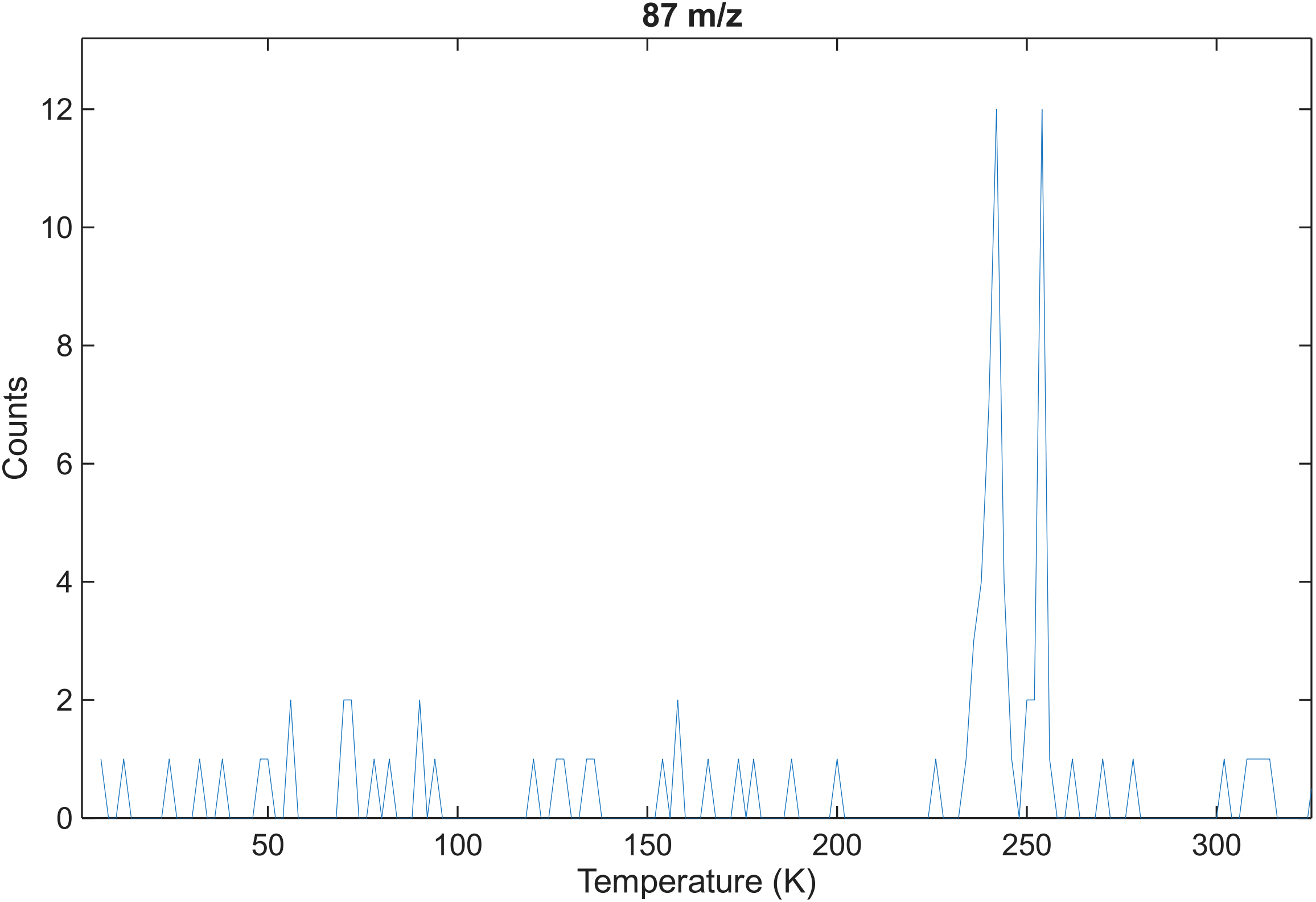

82 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300


83 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300


84 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)


85 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300


86 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300


87 m/z
Counts
Temperature (K)
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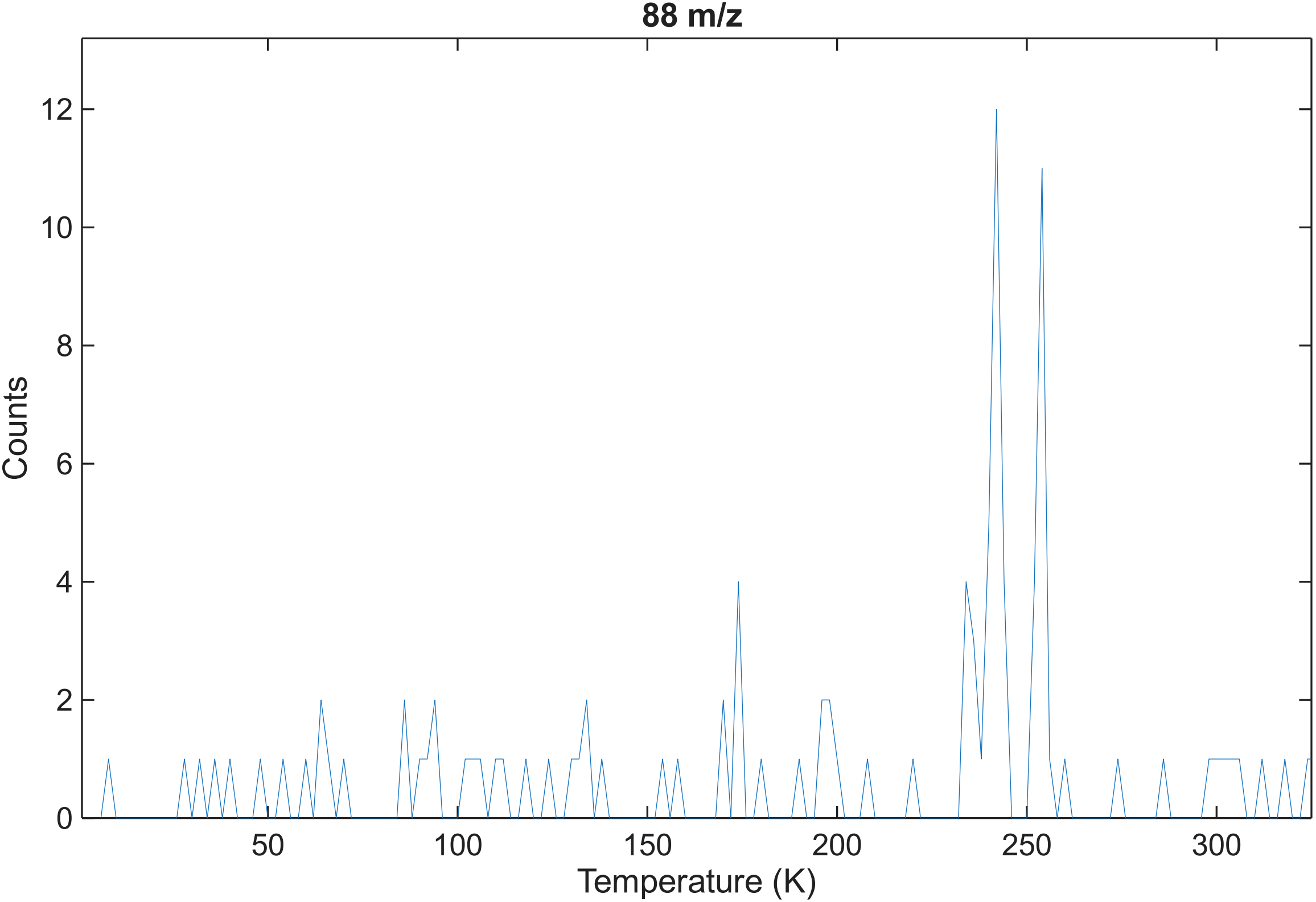
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Counts
Temperature (K)
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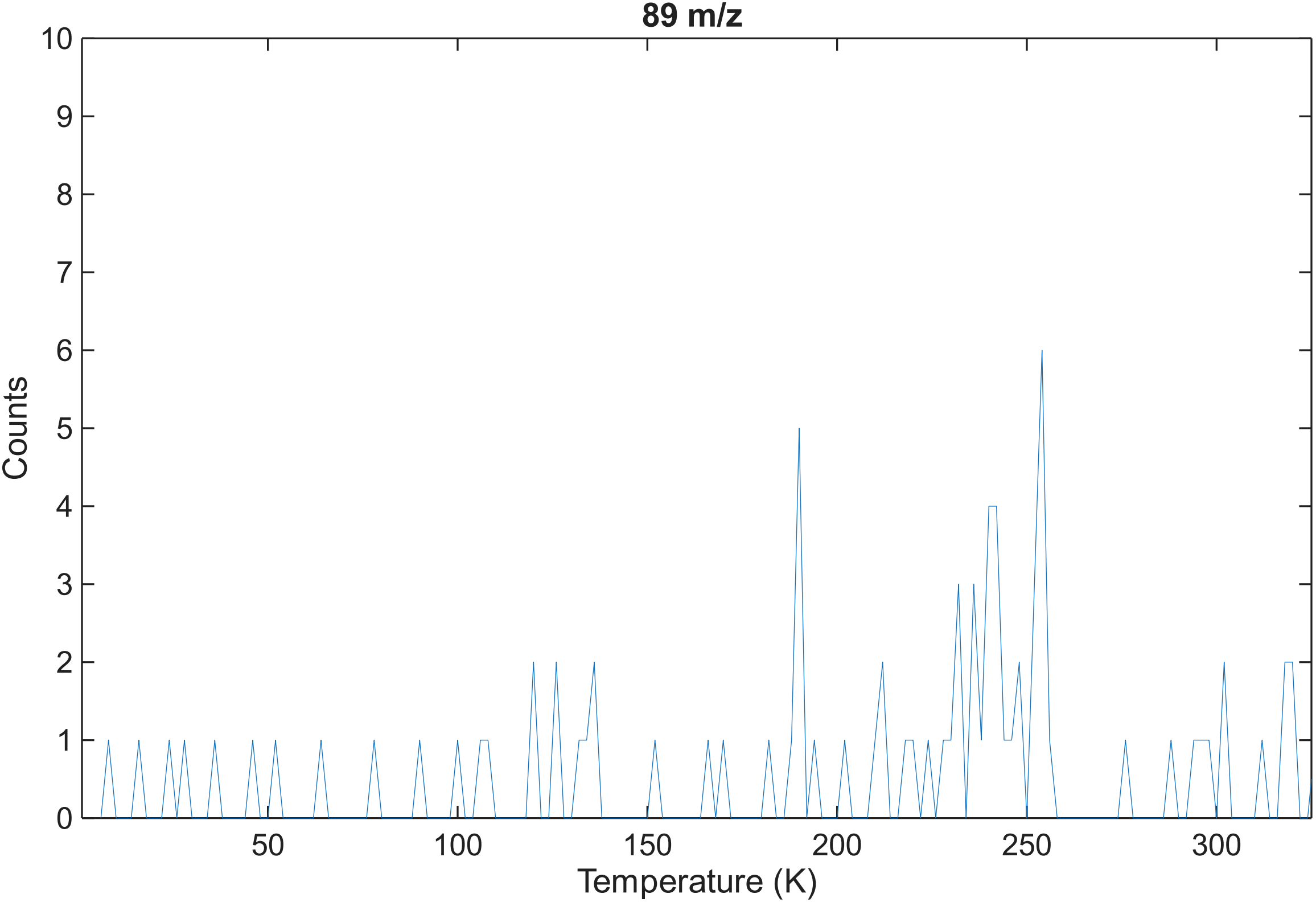
89 m/z
Counts
Temperature (K)
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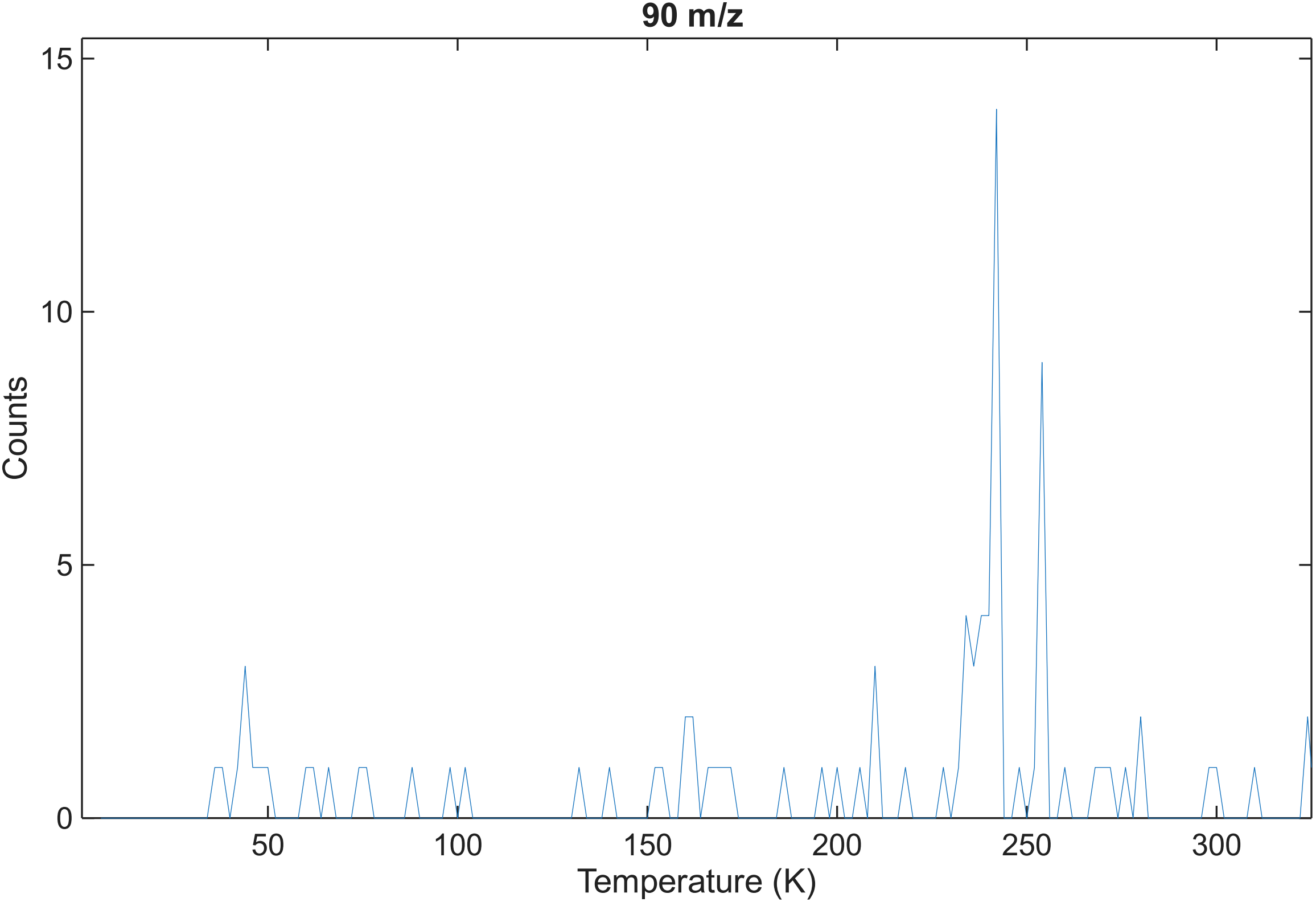
90 m/z
15
10
5
0
Counts
50
100
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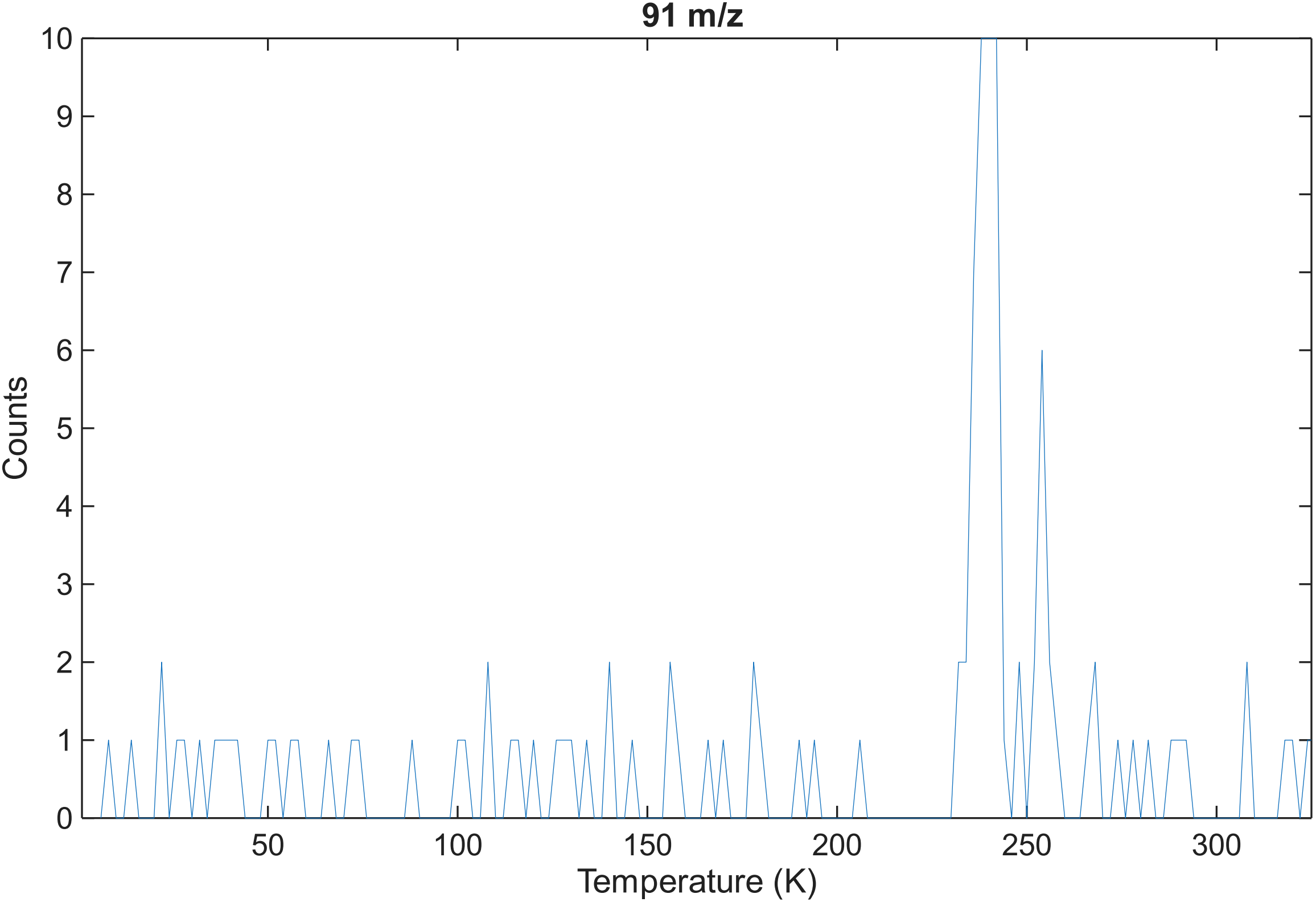
200
250
300
Temperature (K)


91 m/z
Counts
Temperature (K)
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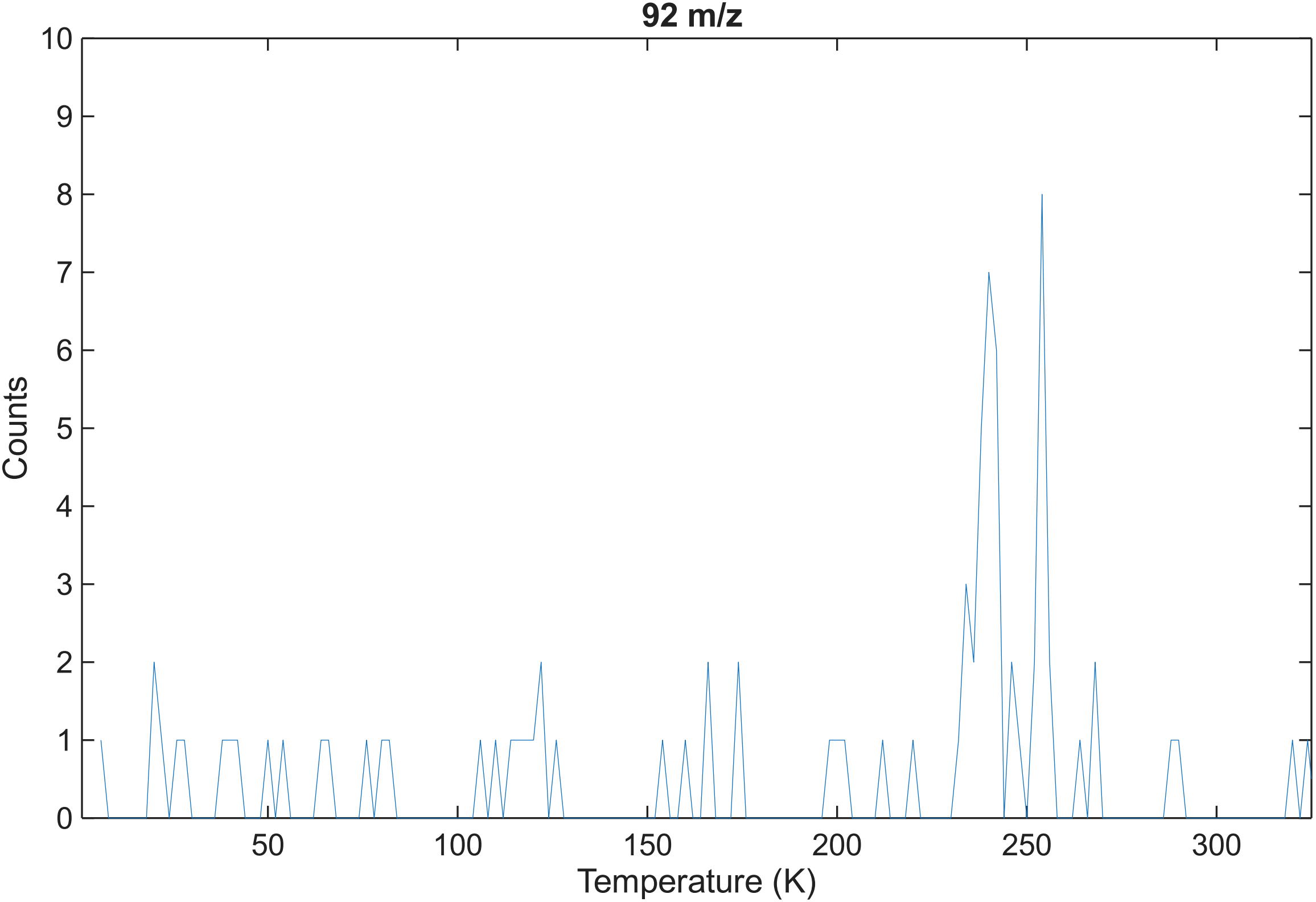
92 m/z
Counts
Temperature (K)
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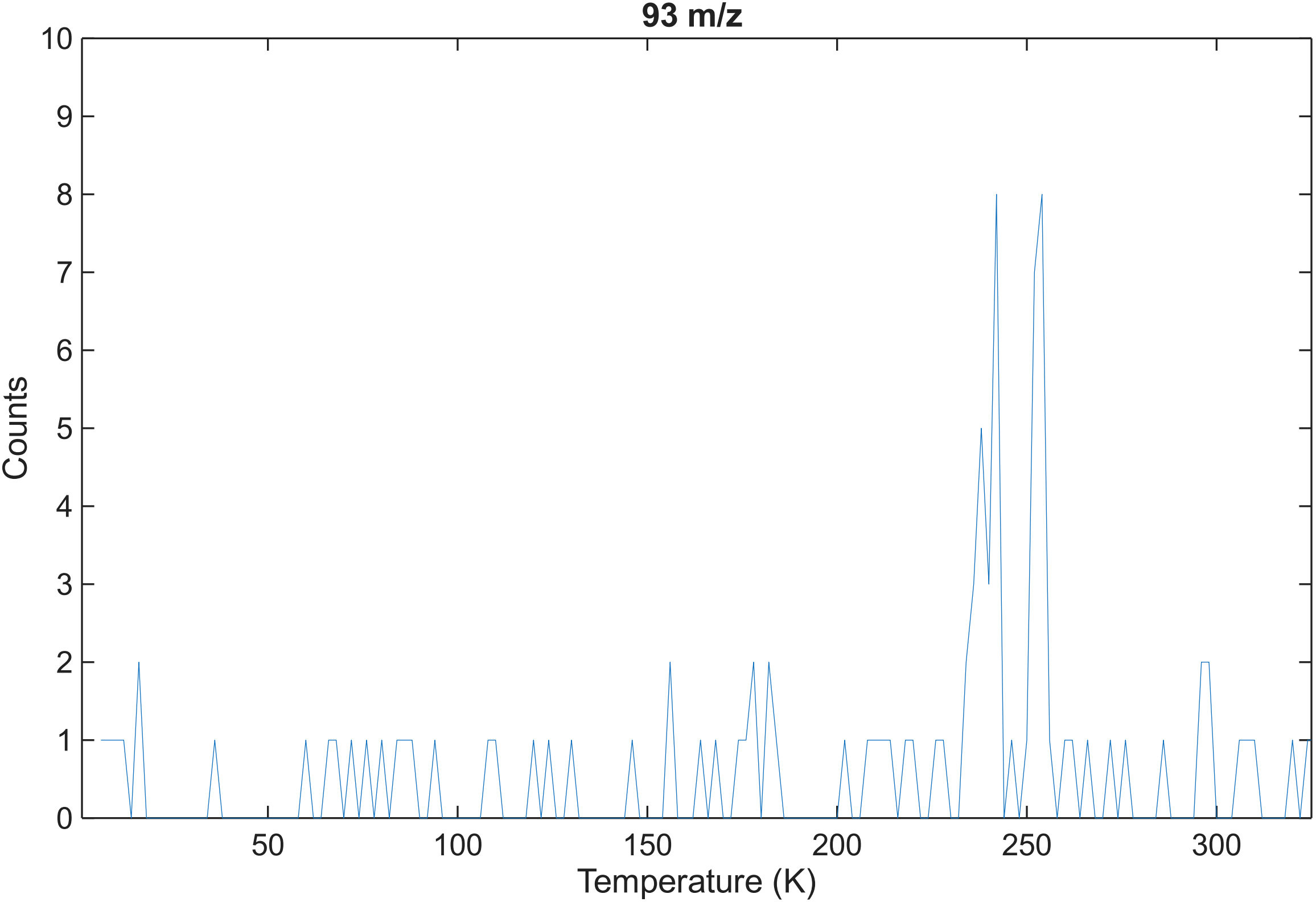
93 m/z
Counts
Temperature (K)
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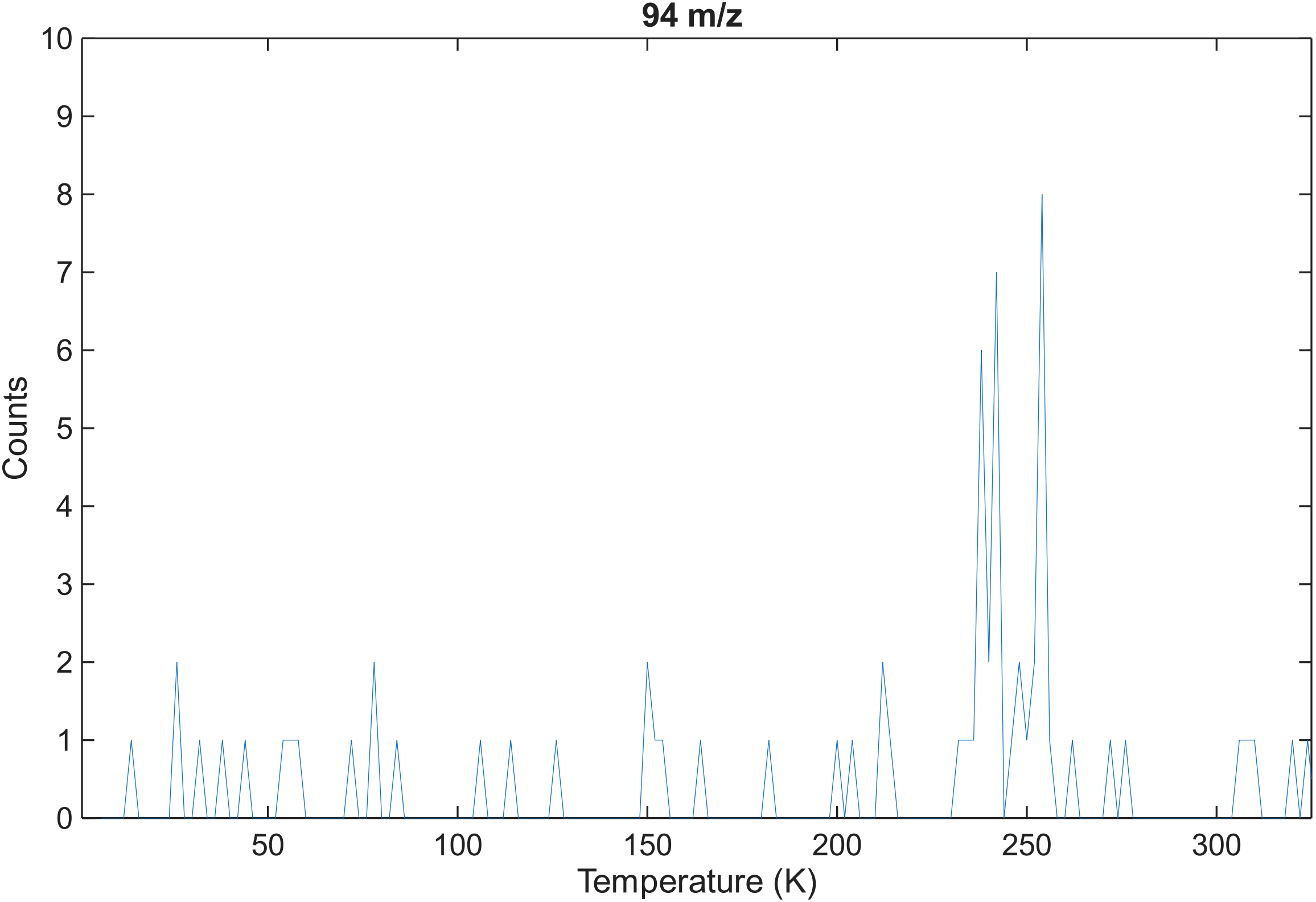
94 m/z
Counts
Temperature (K)
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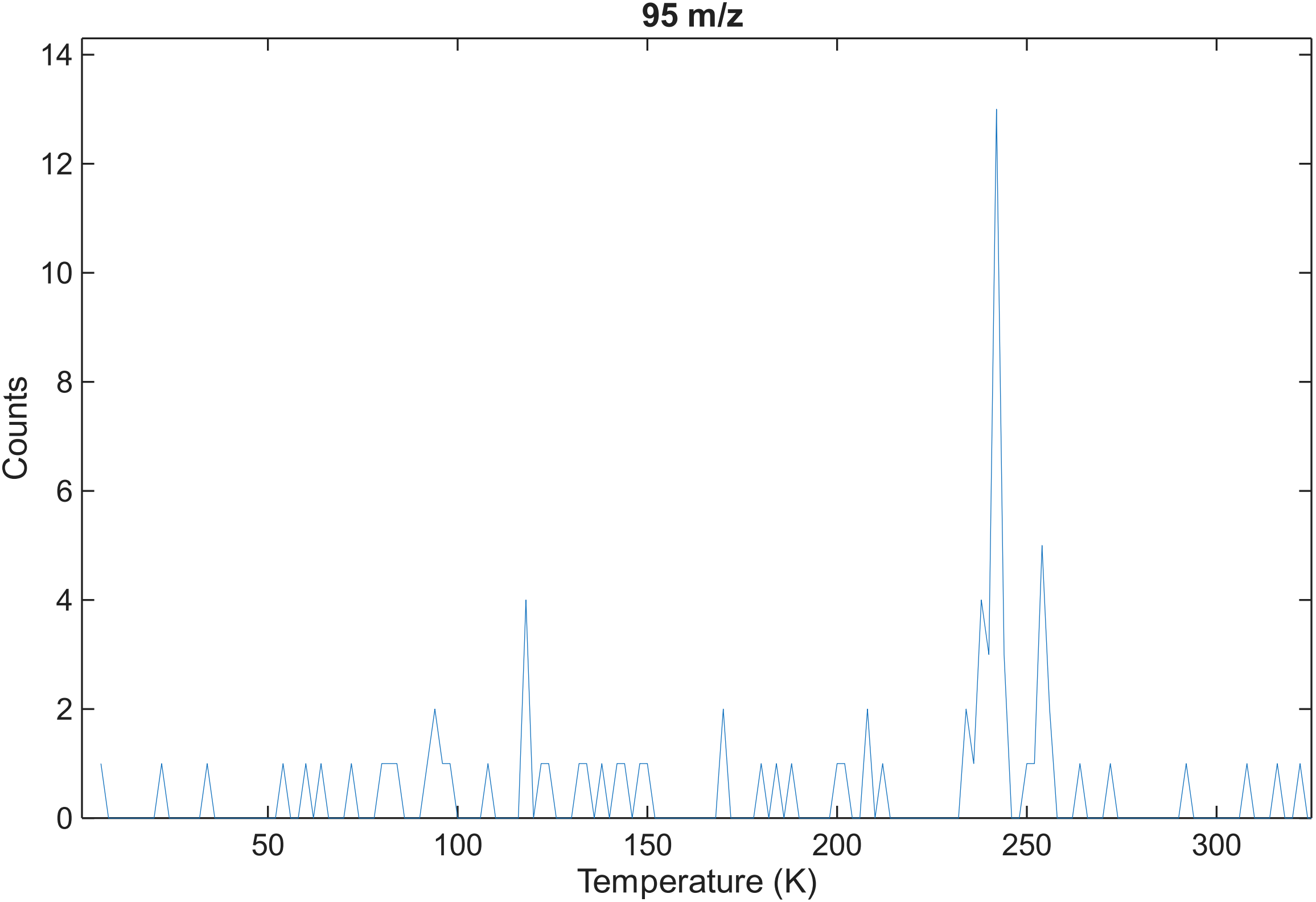
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Temperature (K)
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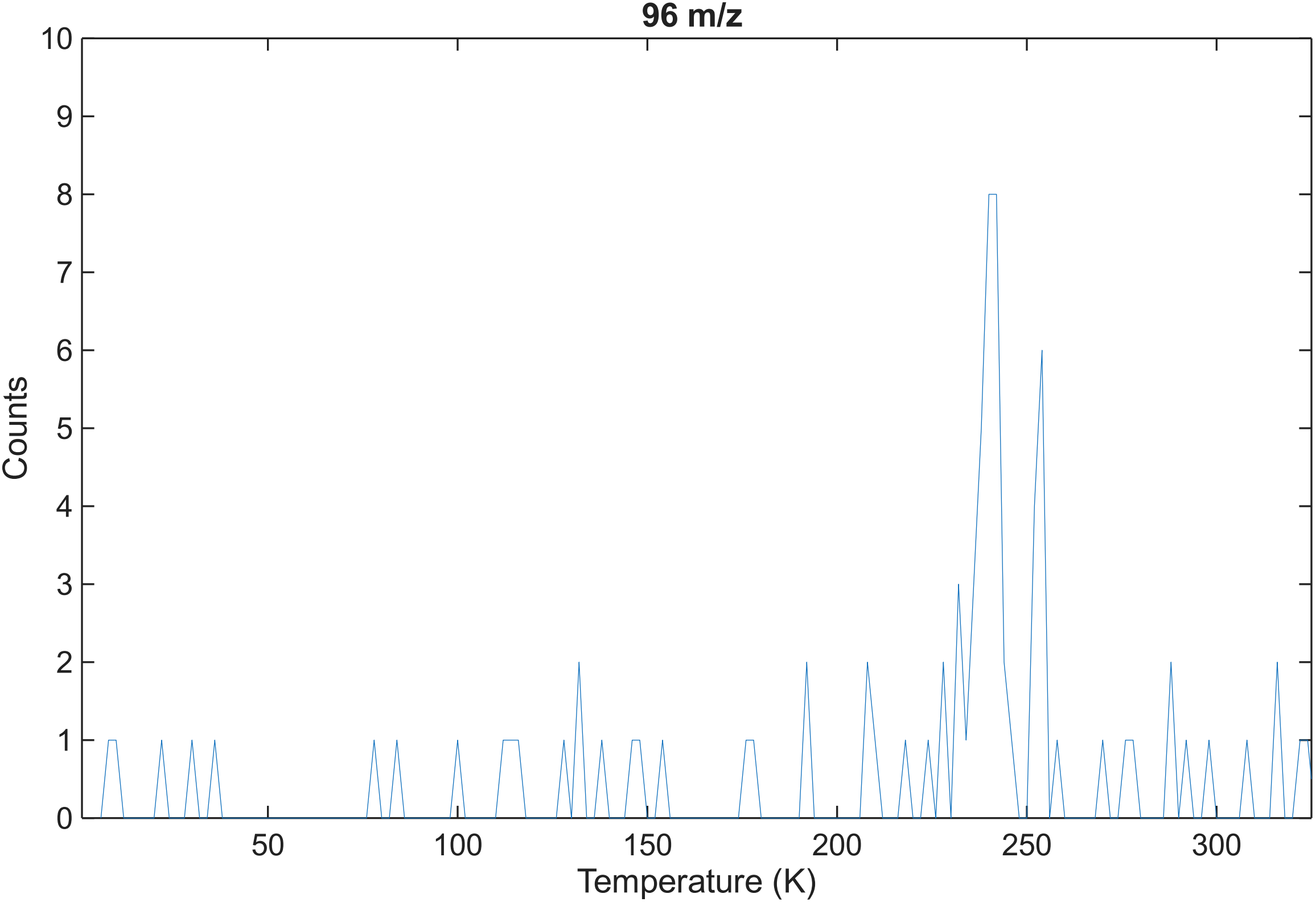
96 m/z
Counts
Temperature (K)
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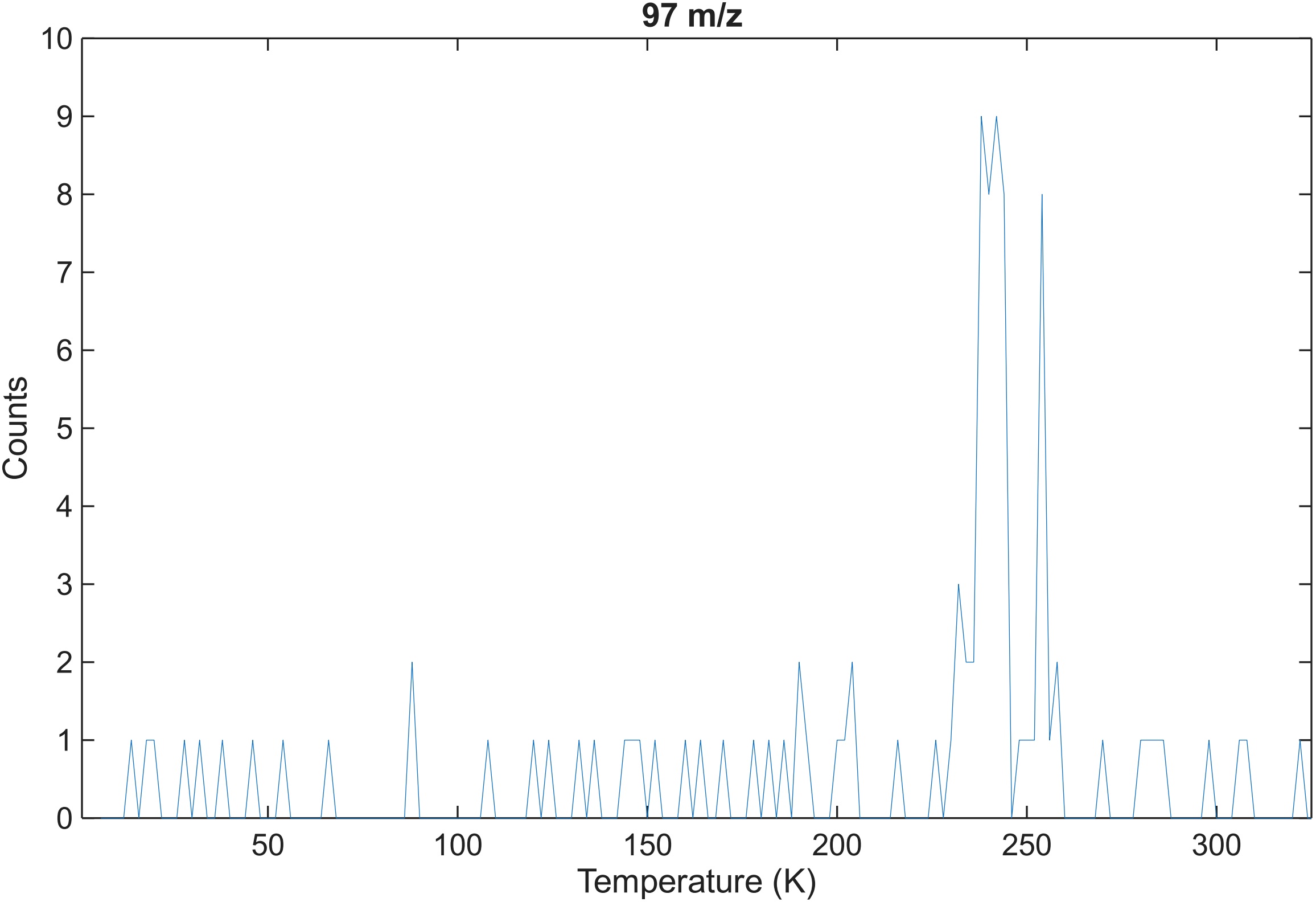
97 m/z
Counts
Temperature (K)
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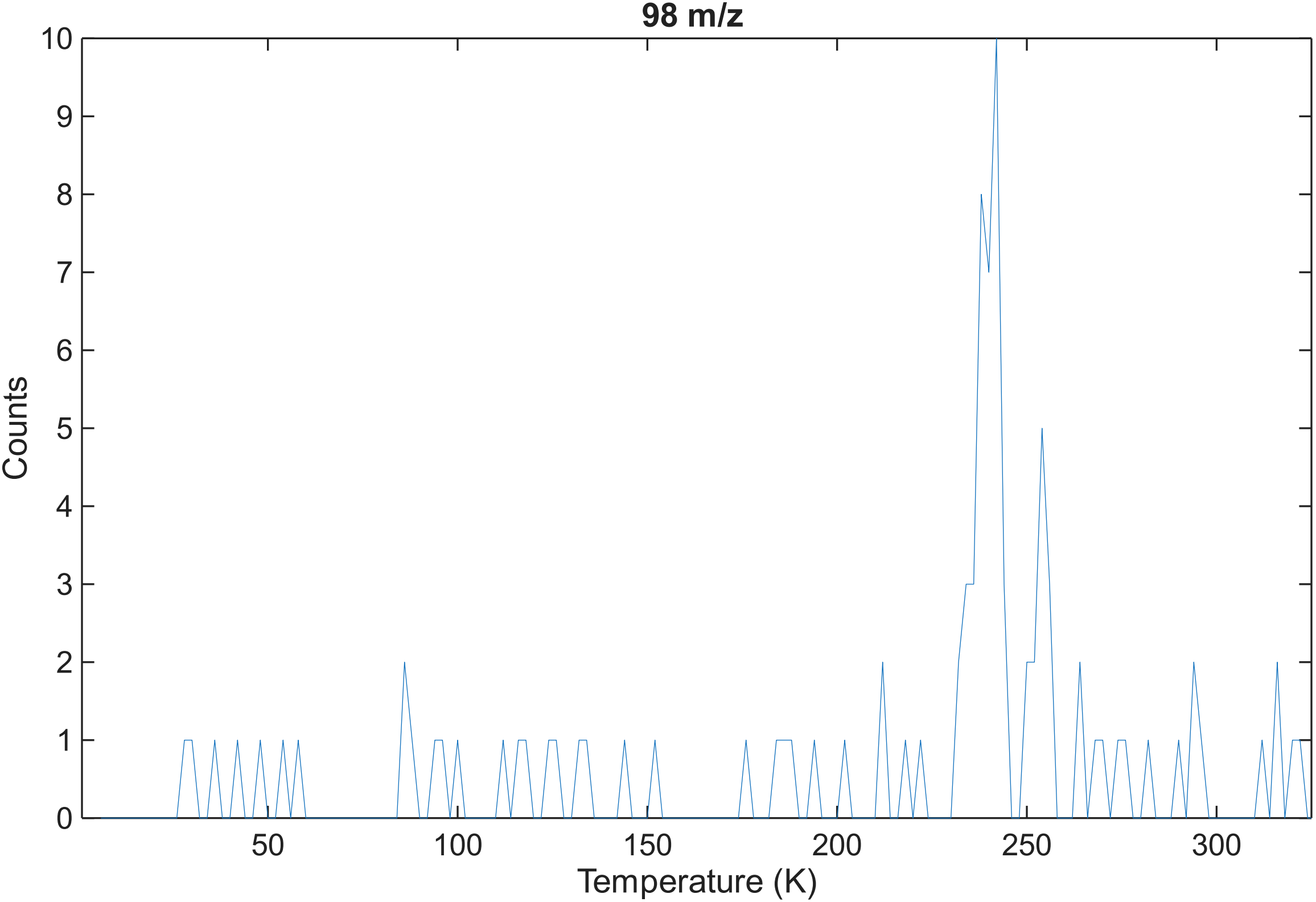
98 m/z
Counts
Temperature (K)
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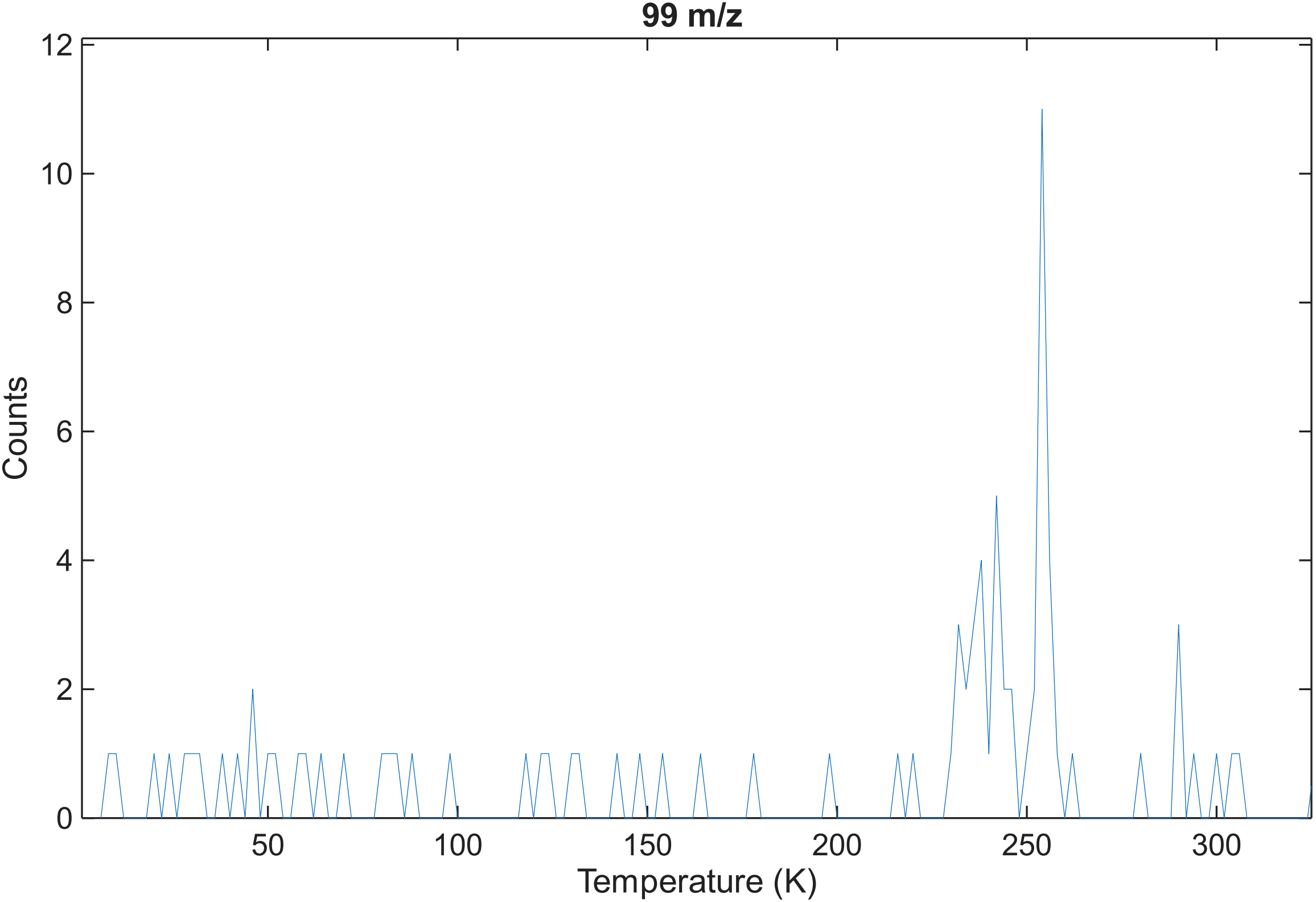
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Counts
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100
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200
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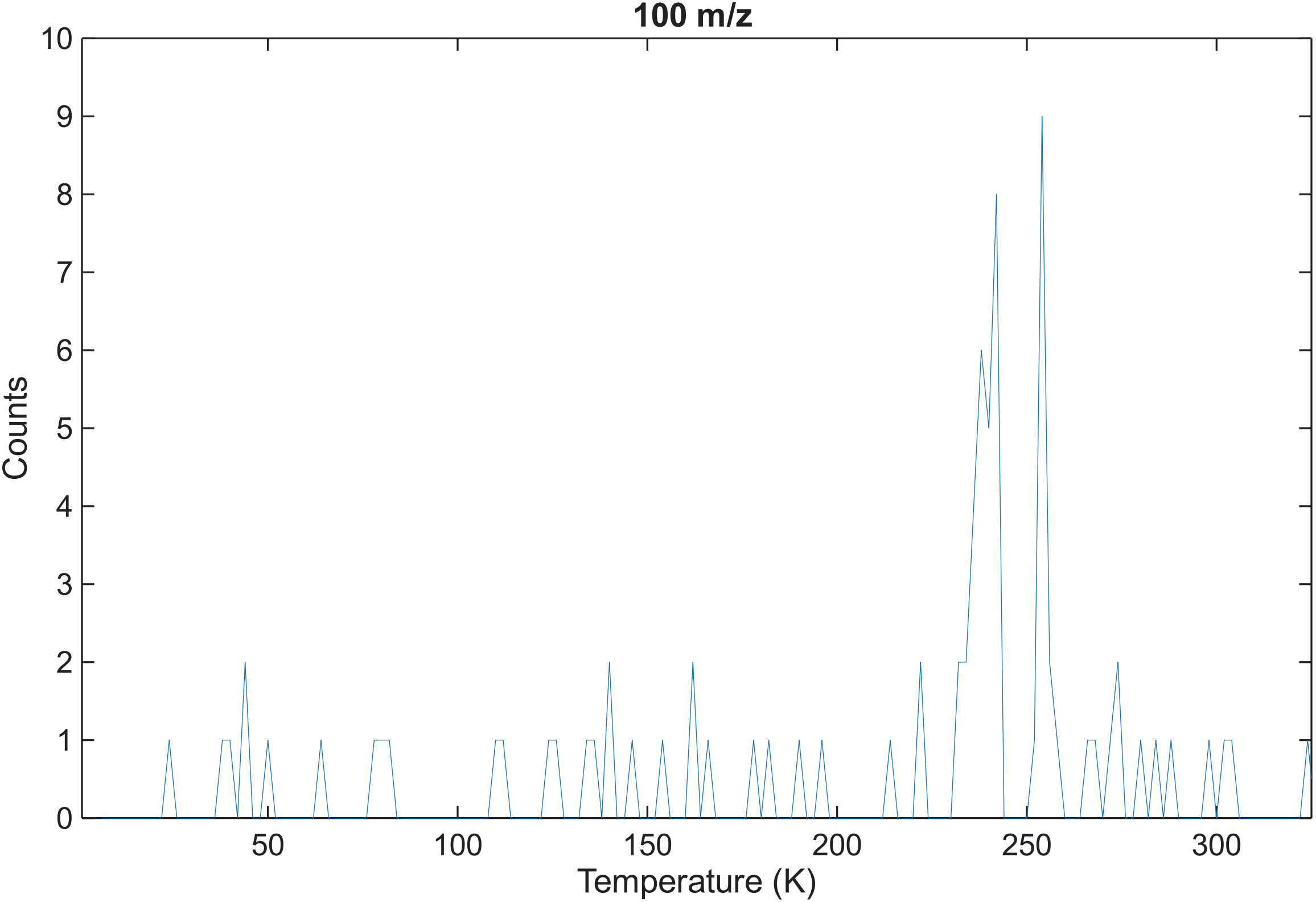
300
Temperature (K)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Temperature (K)
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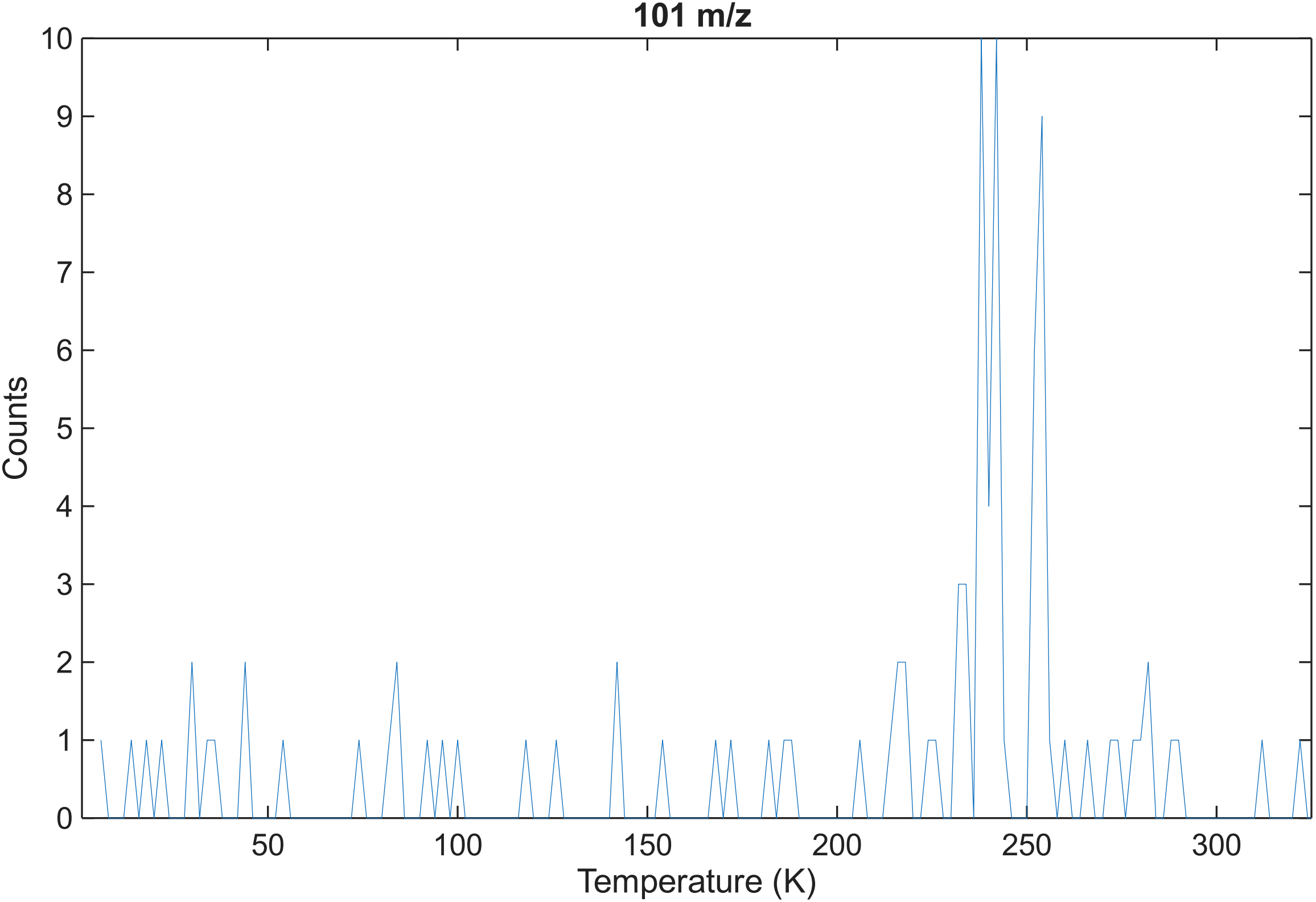
101 m/z
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Temperature (K)
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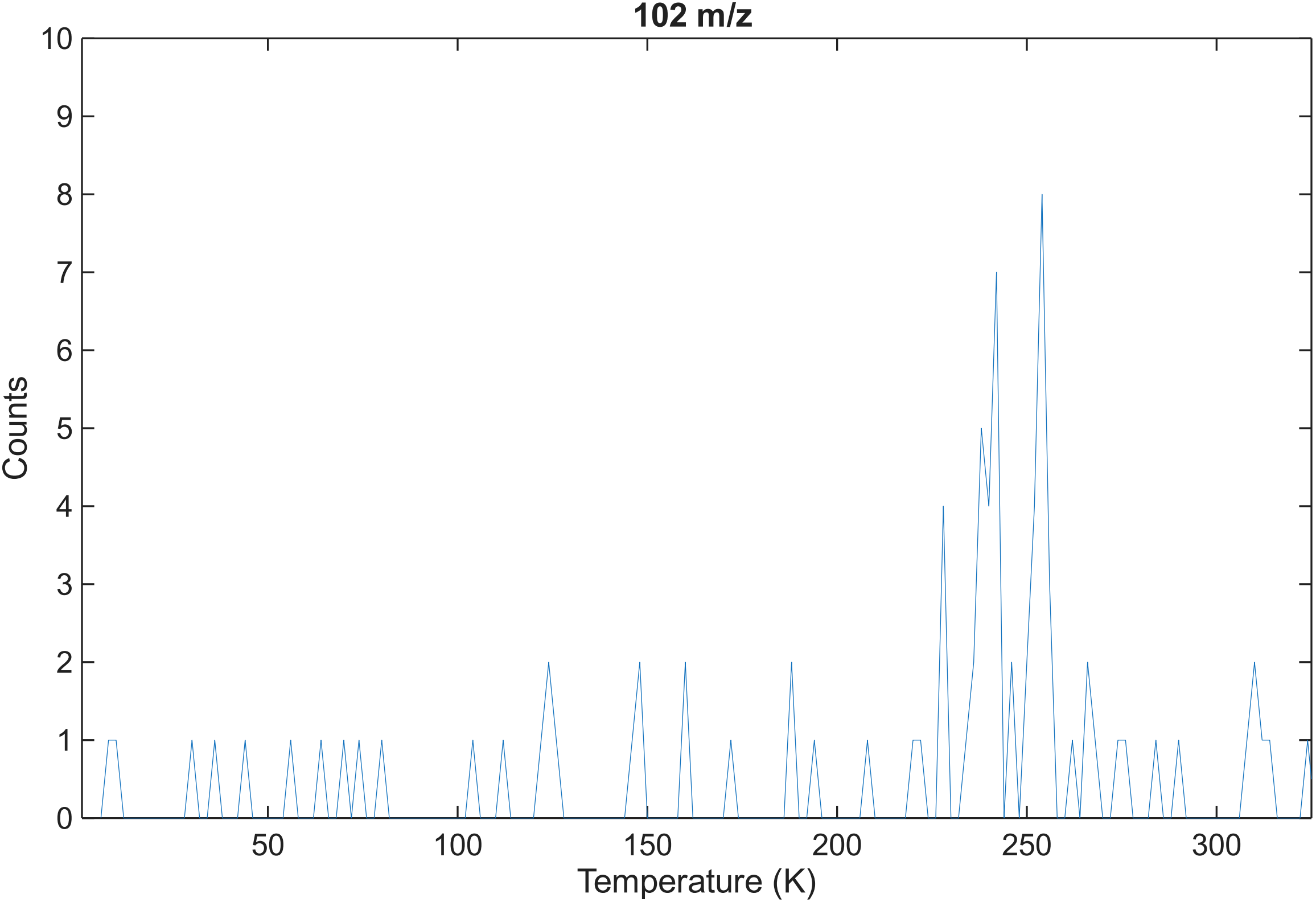
102 m/z
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Temperature (K)
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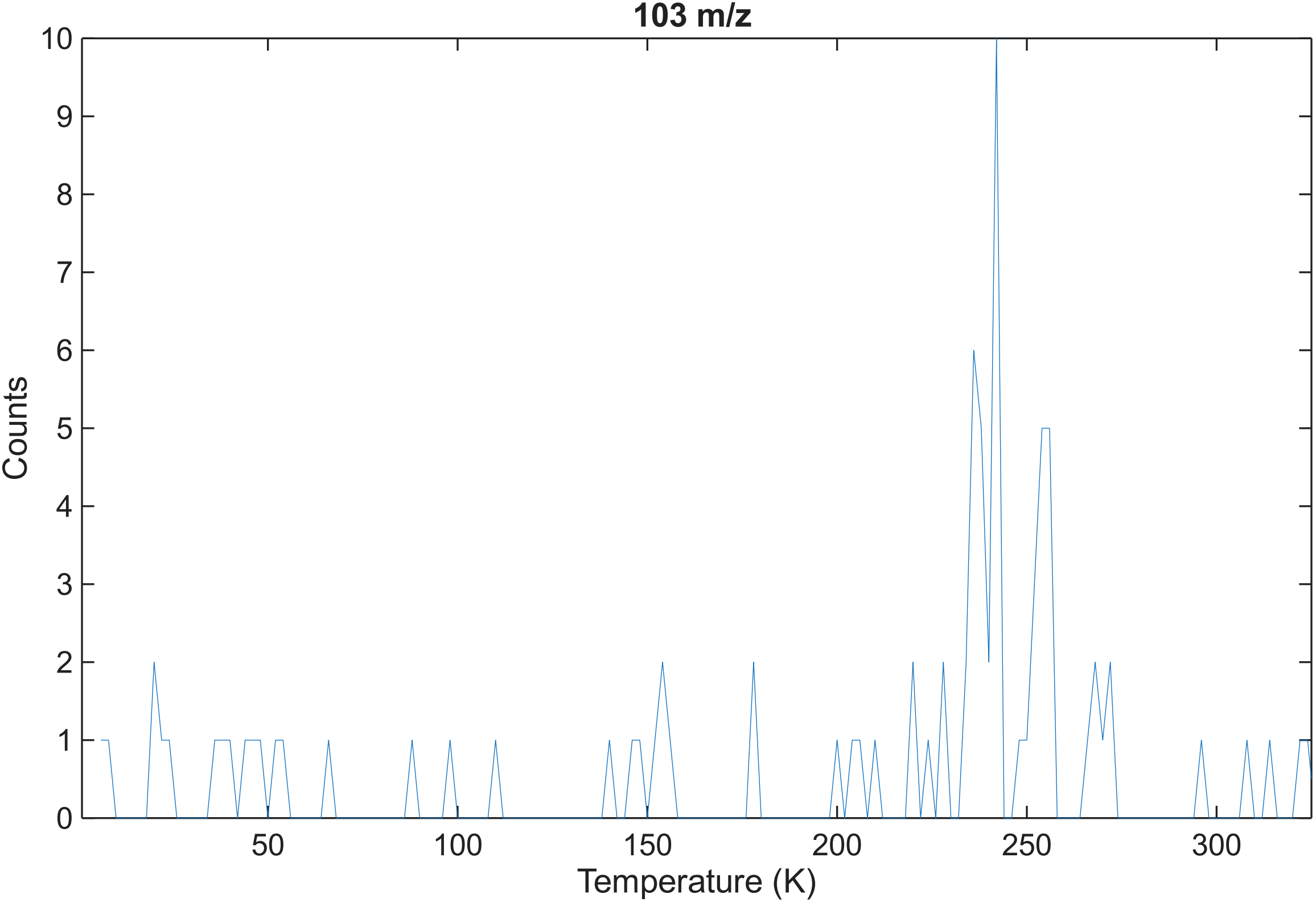
103 m/z
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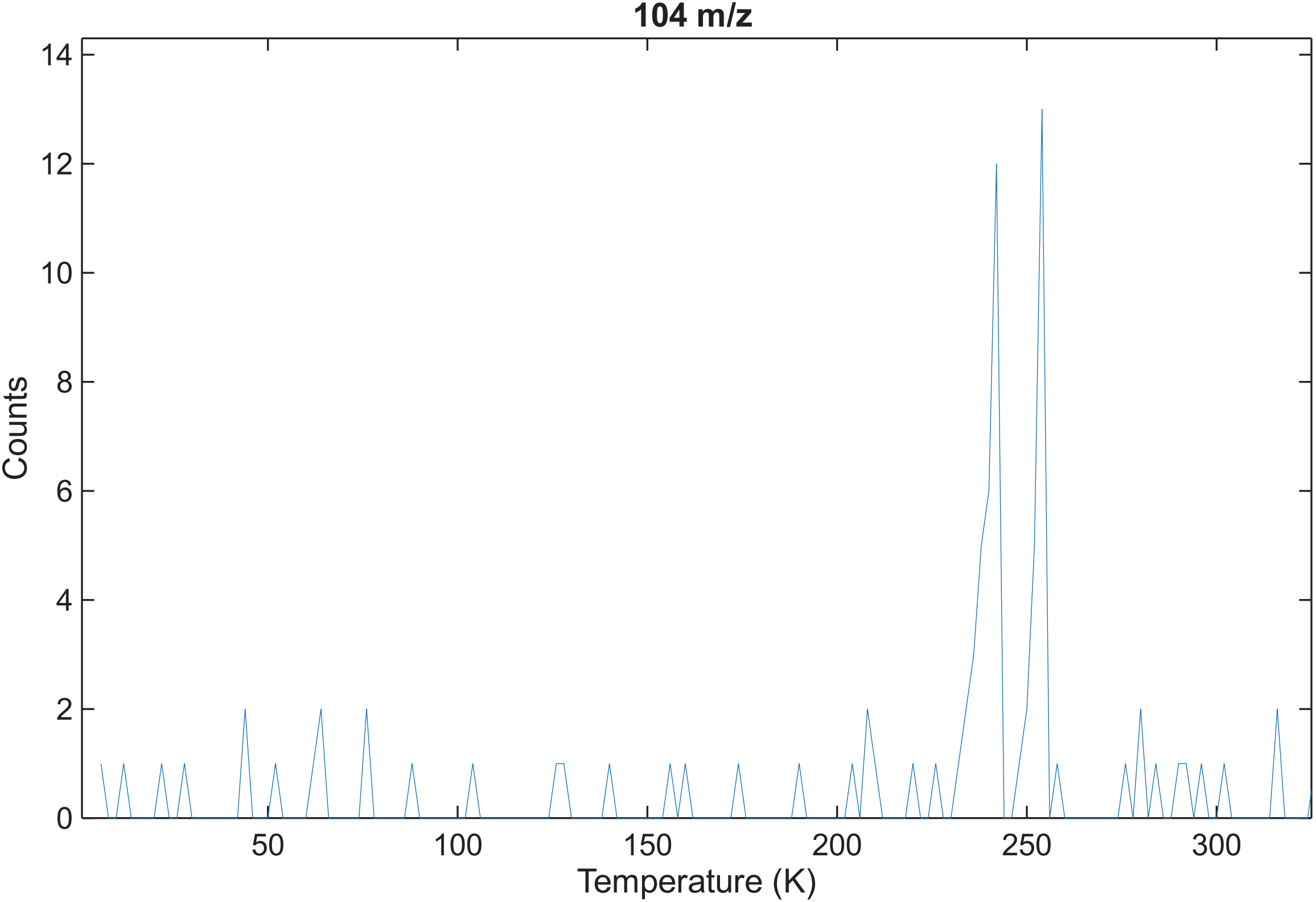
104 m/z
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Temperature (K)
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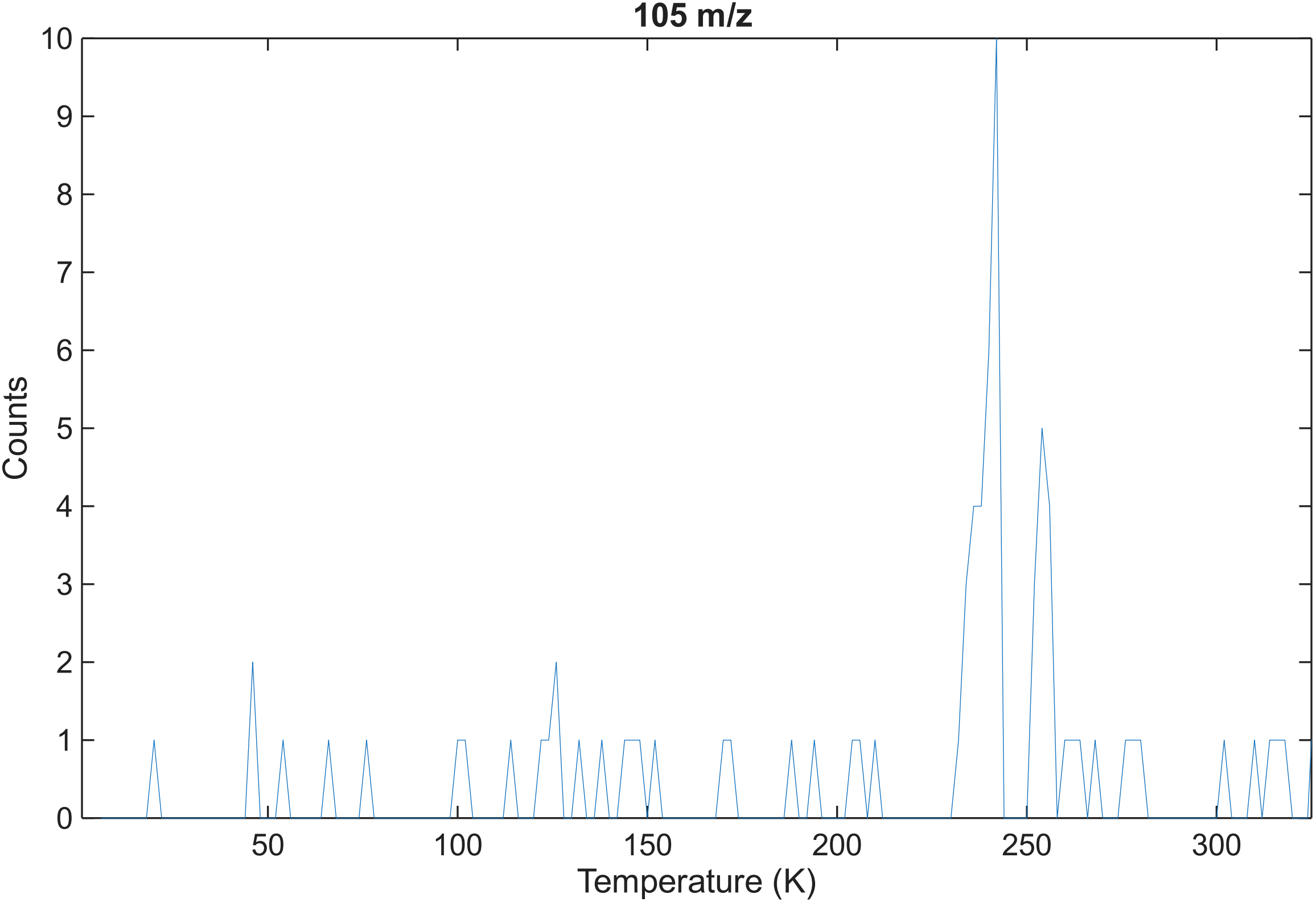
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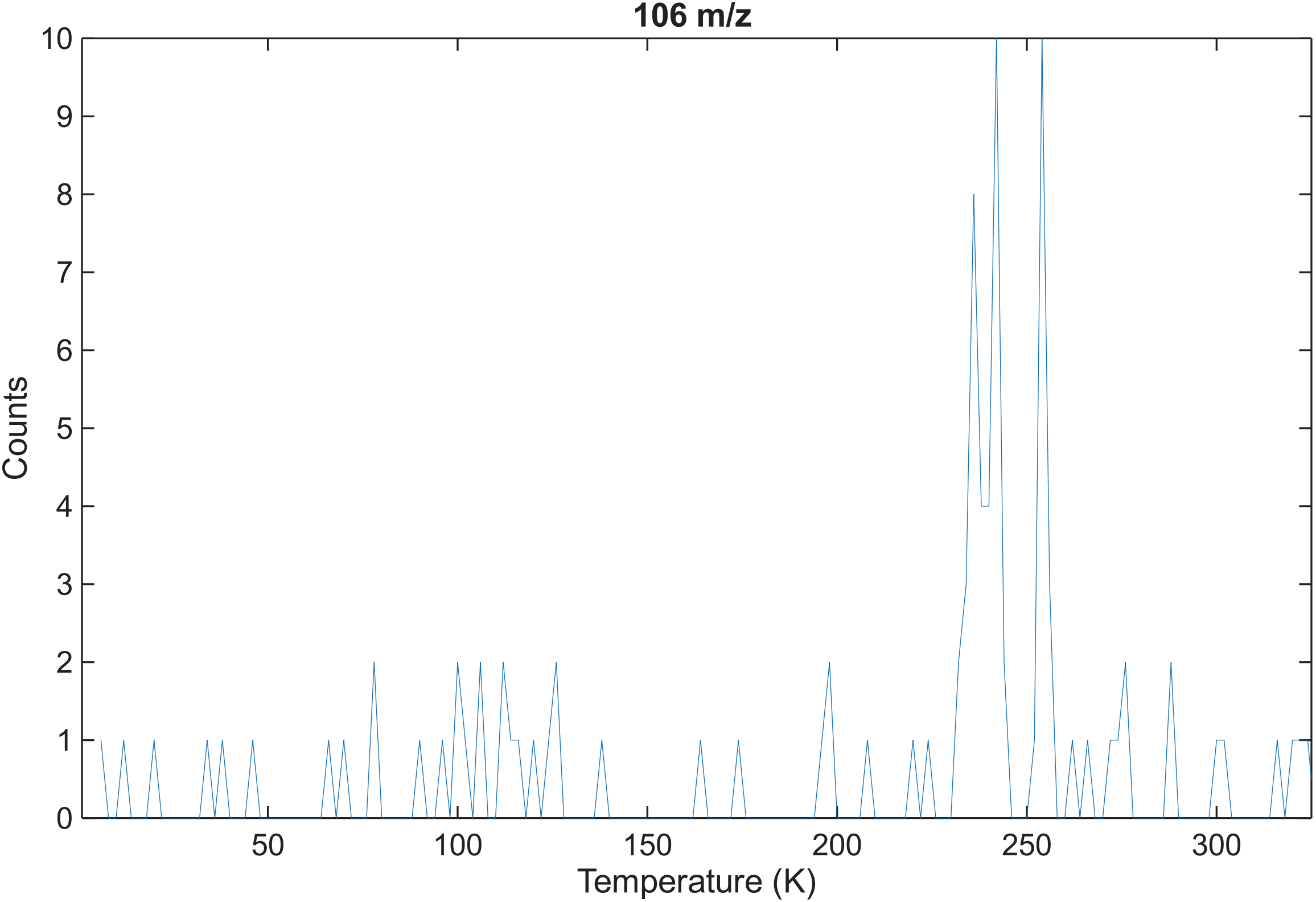
106 m/z
Counts
Temperature (K)
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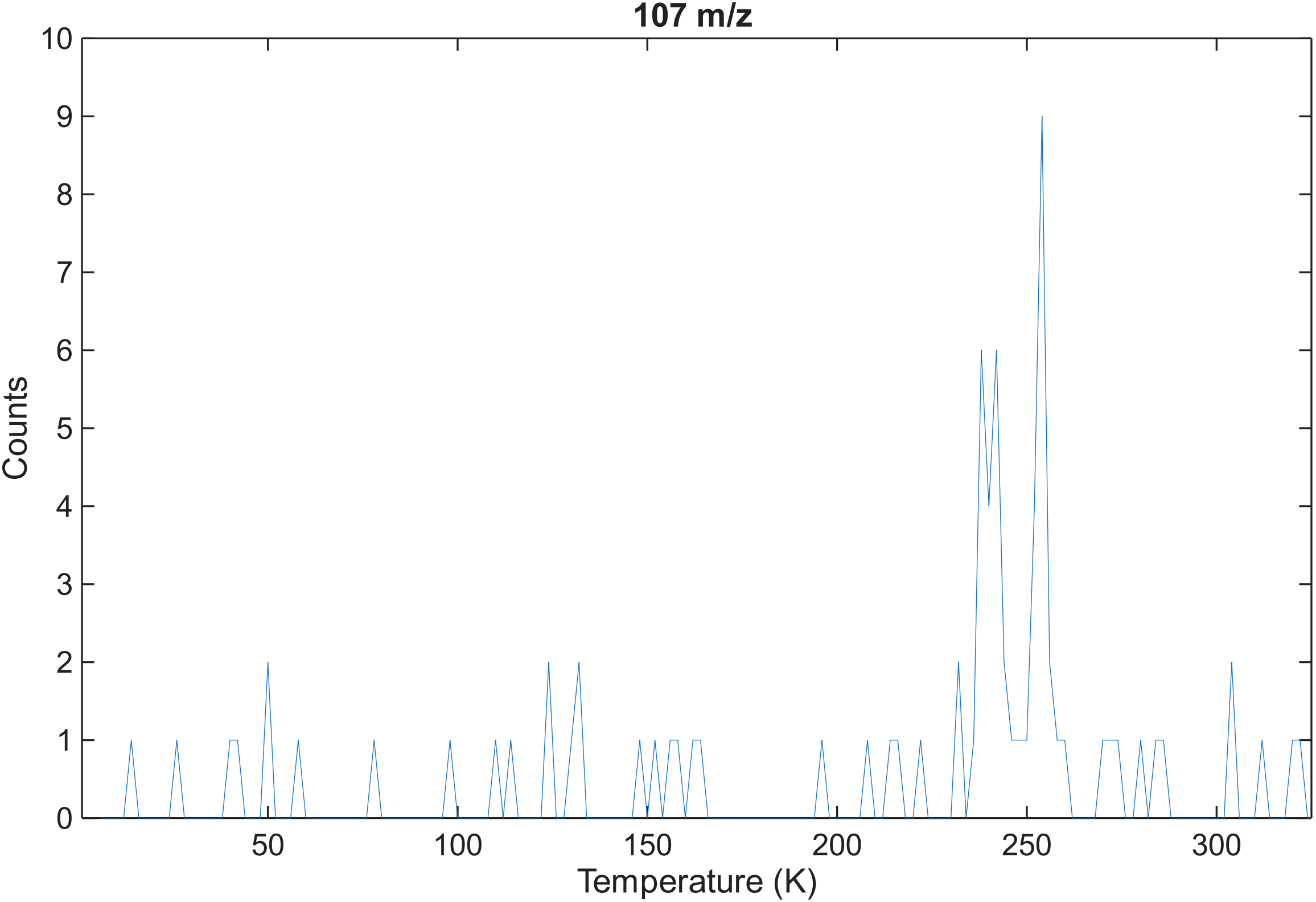
107 m/z
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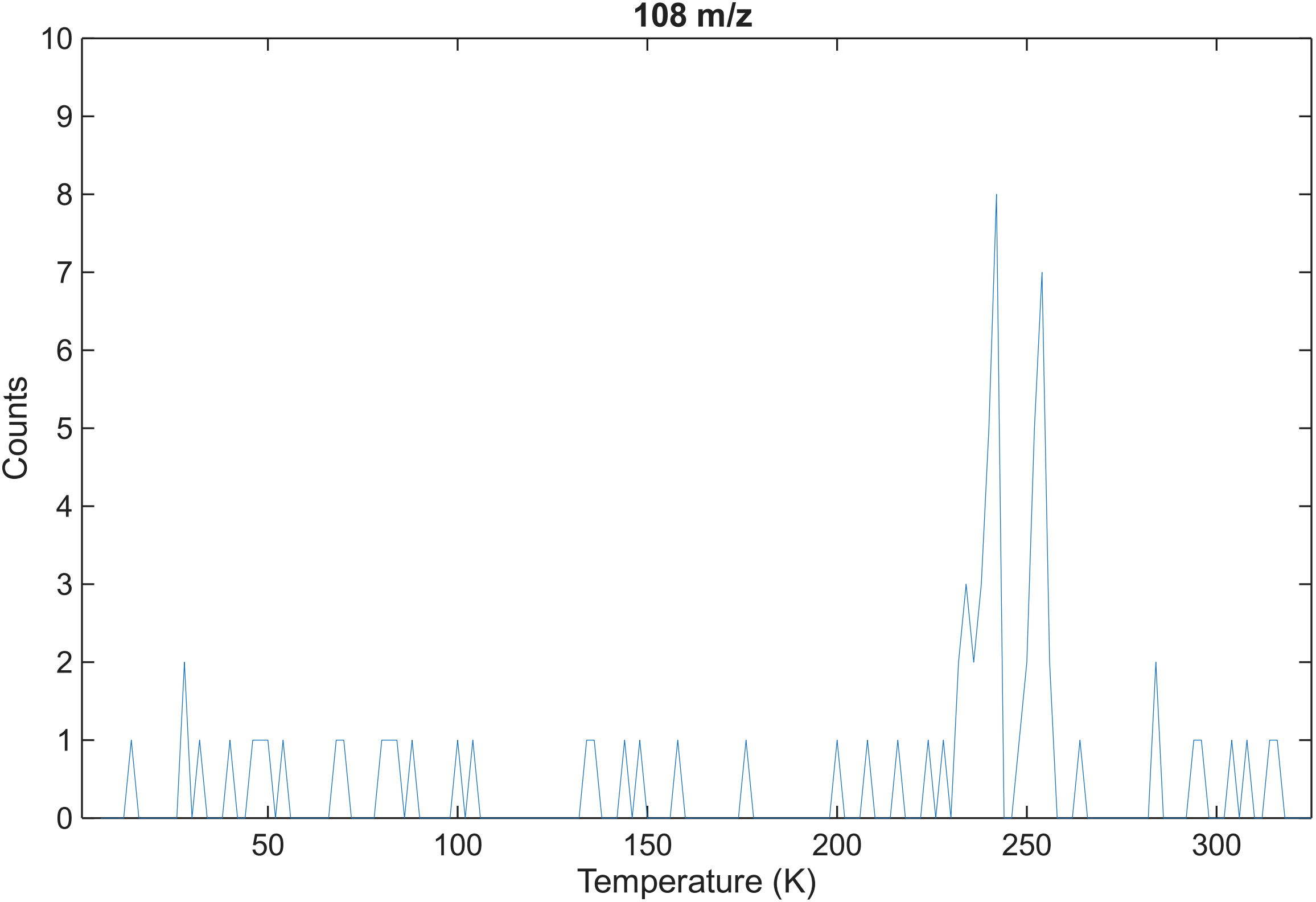
108 m/z
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Temperature (K)
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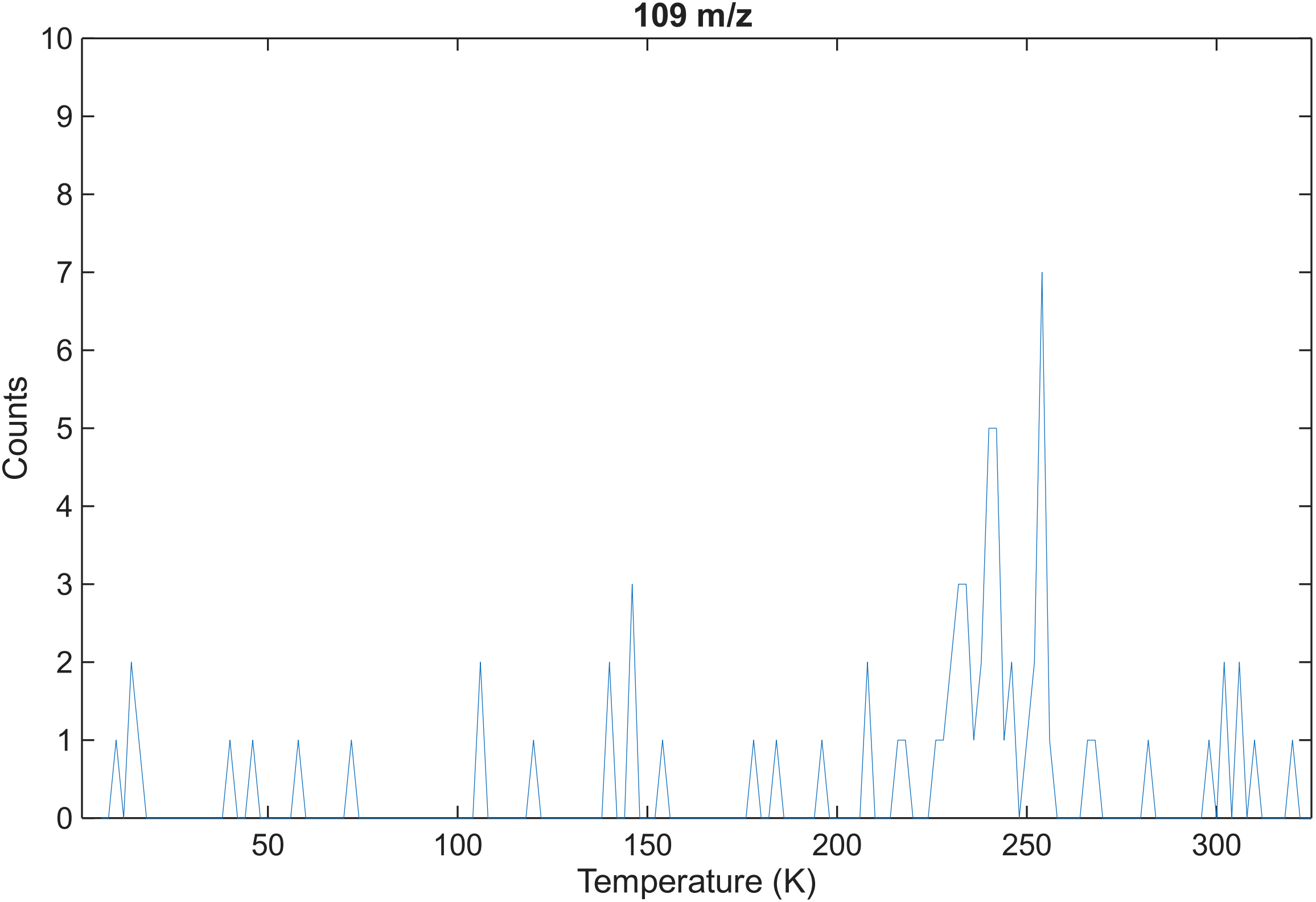
109 m/z
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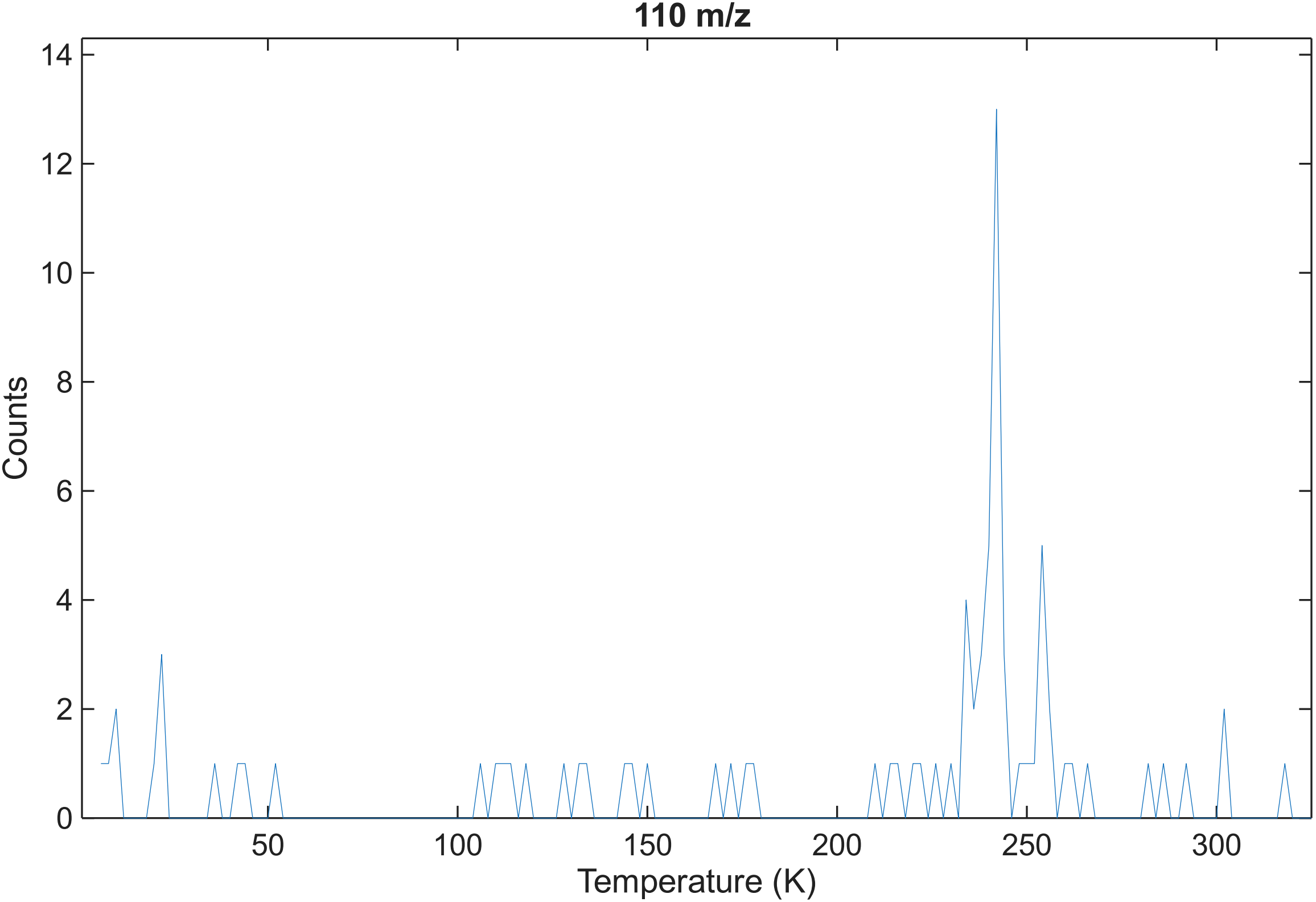
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Temperature (K)
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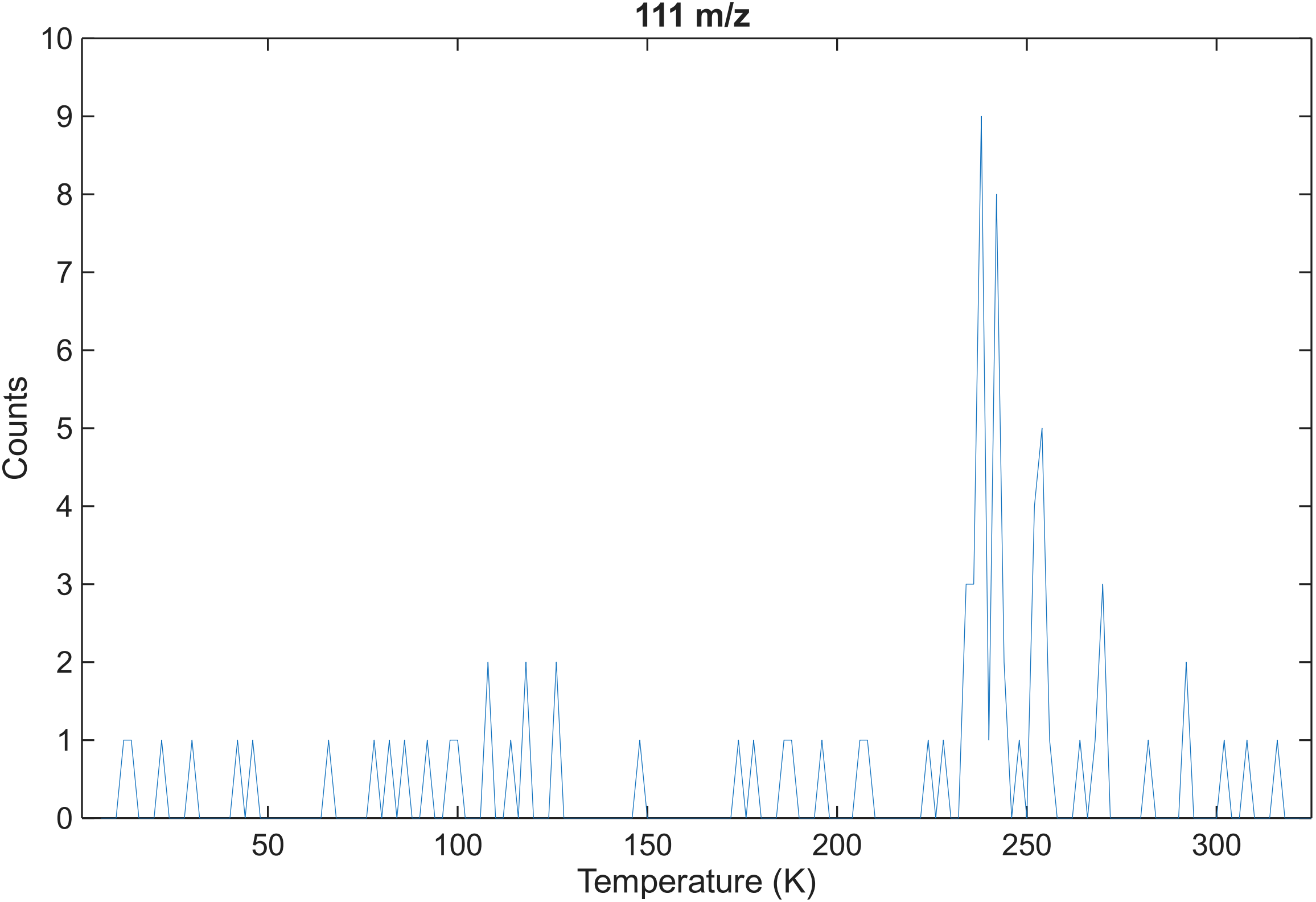
111 m/z
Counts
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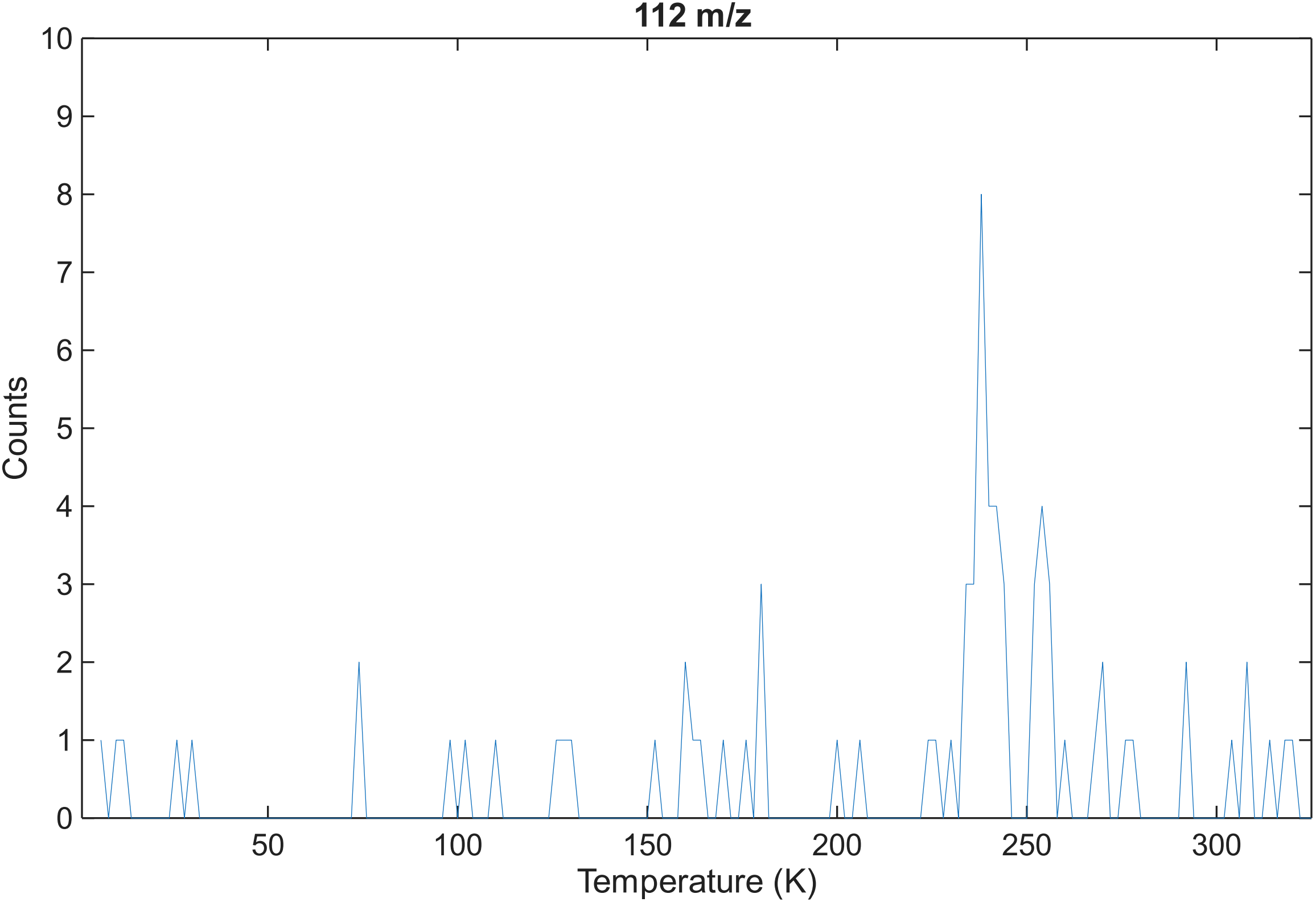
112 m/z
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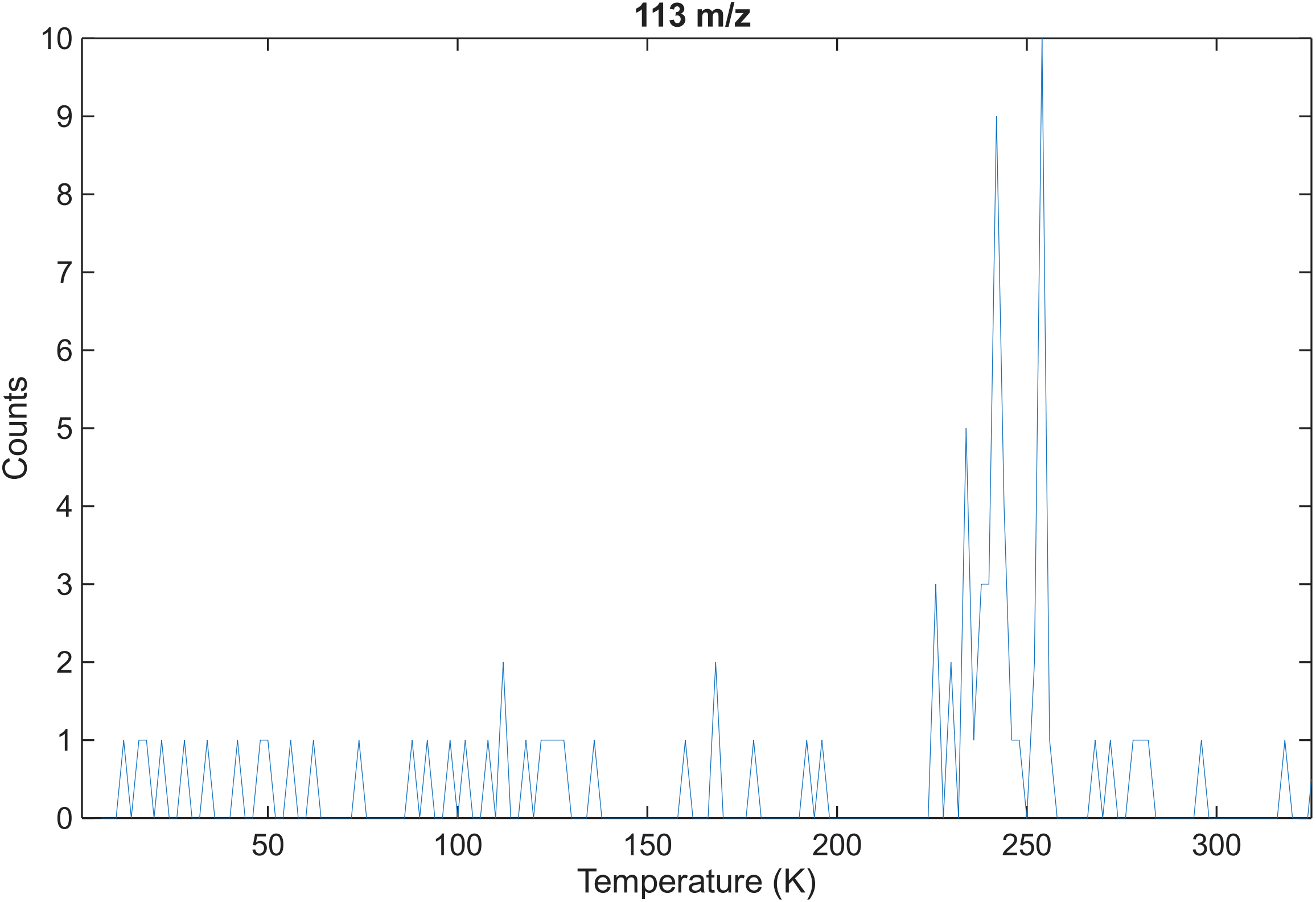
113 m/z
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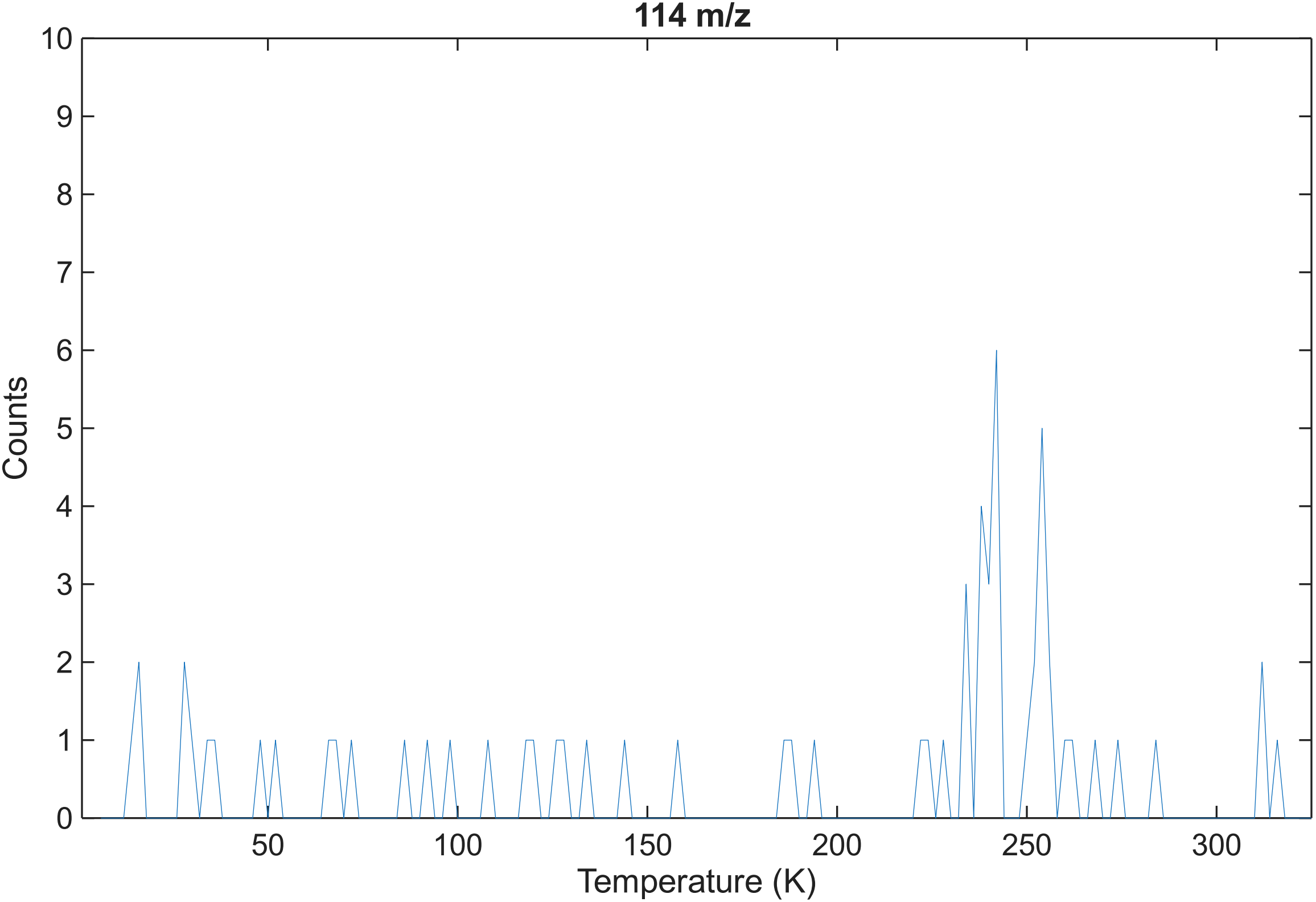
114 m/z
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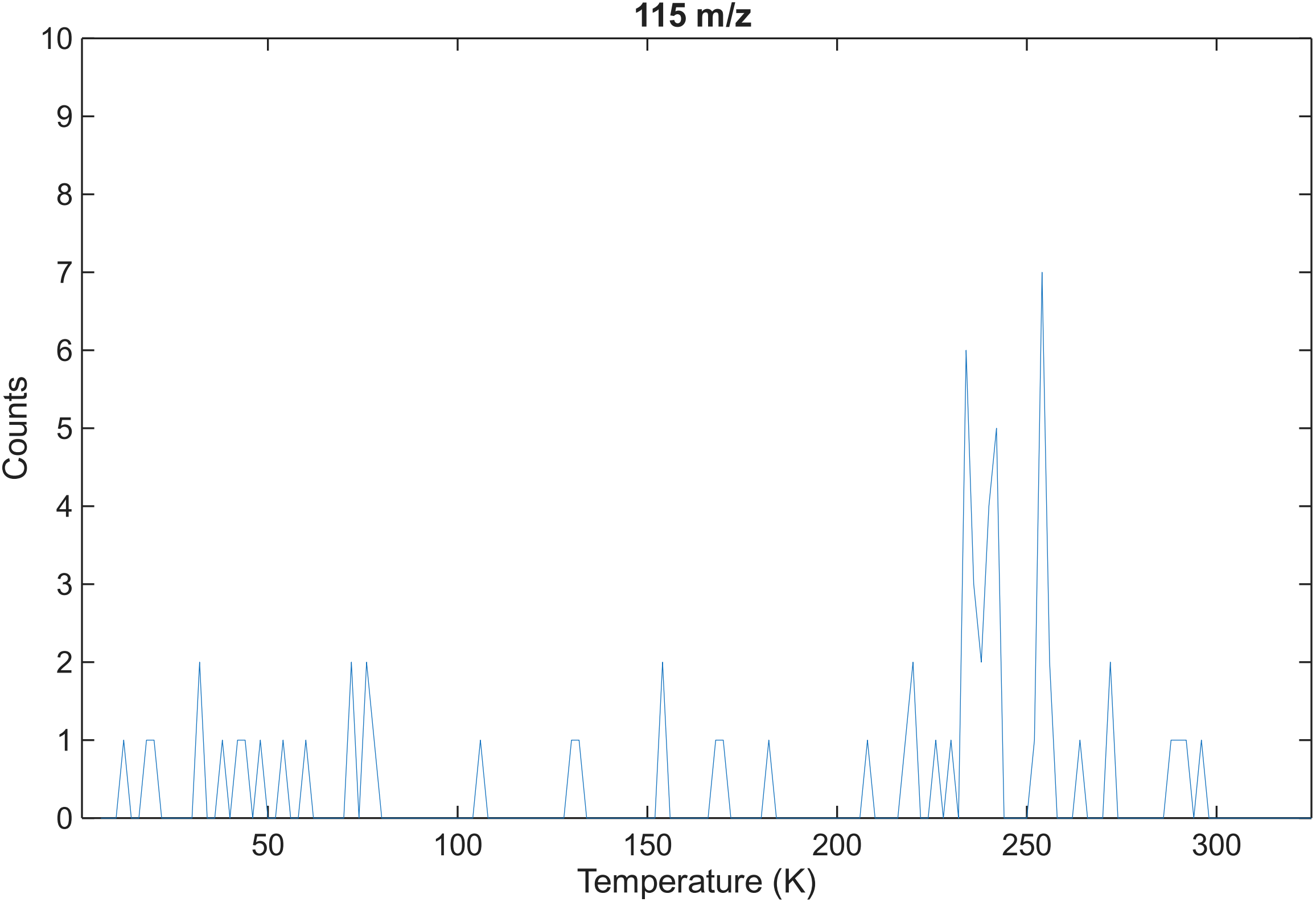
115 m/z
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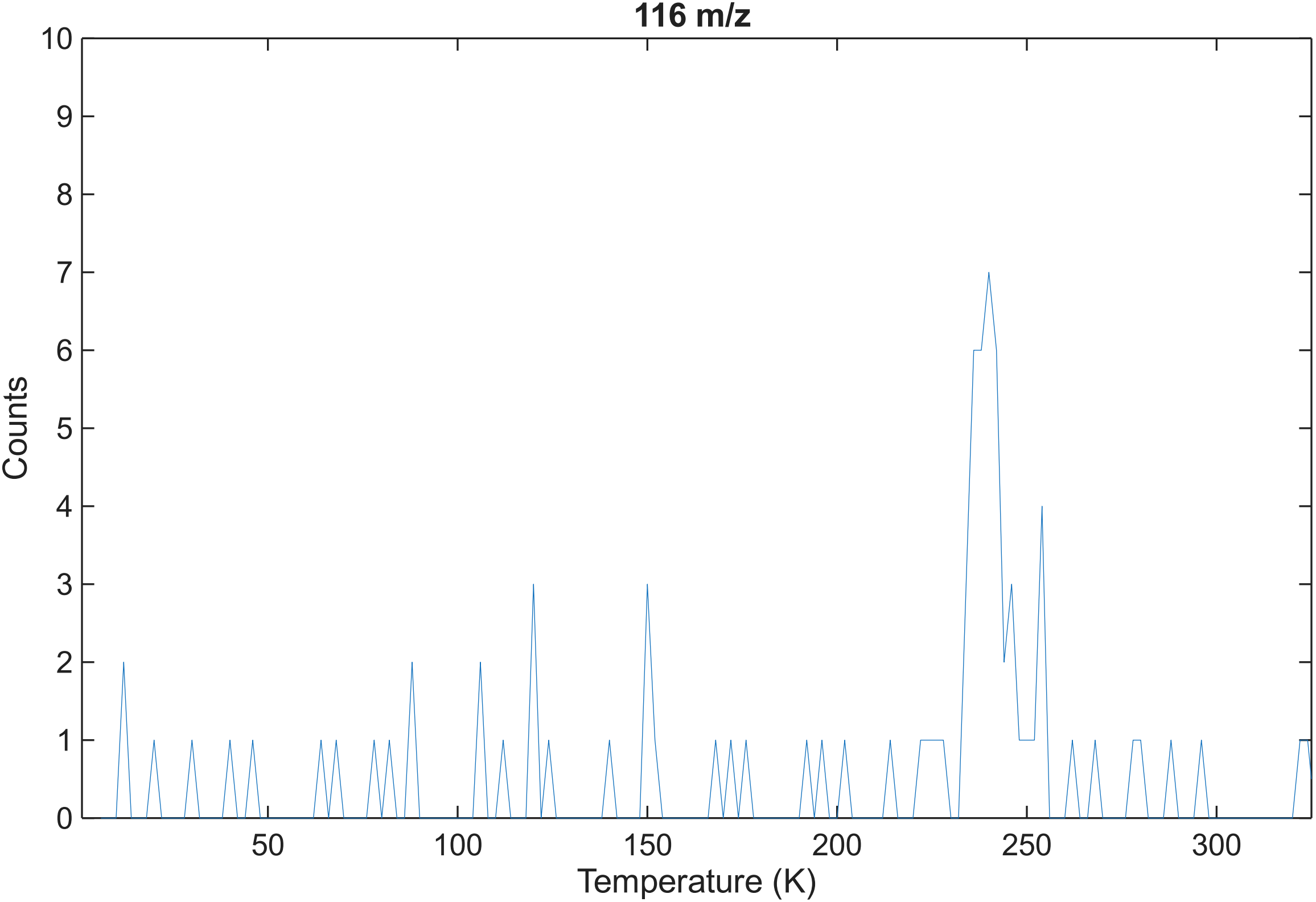
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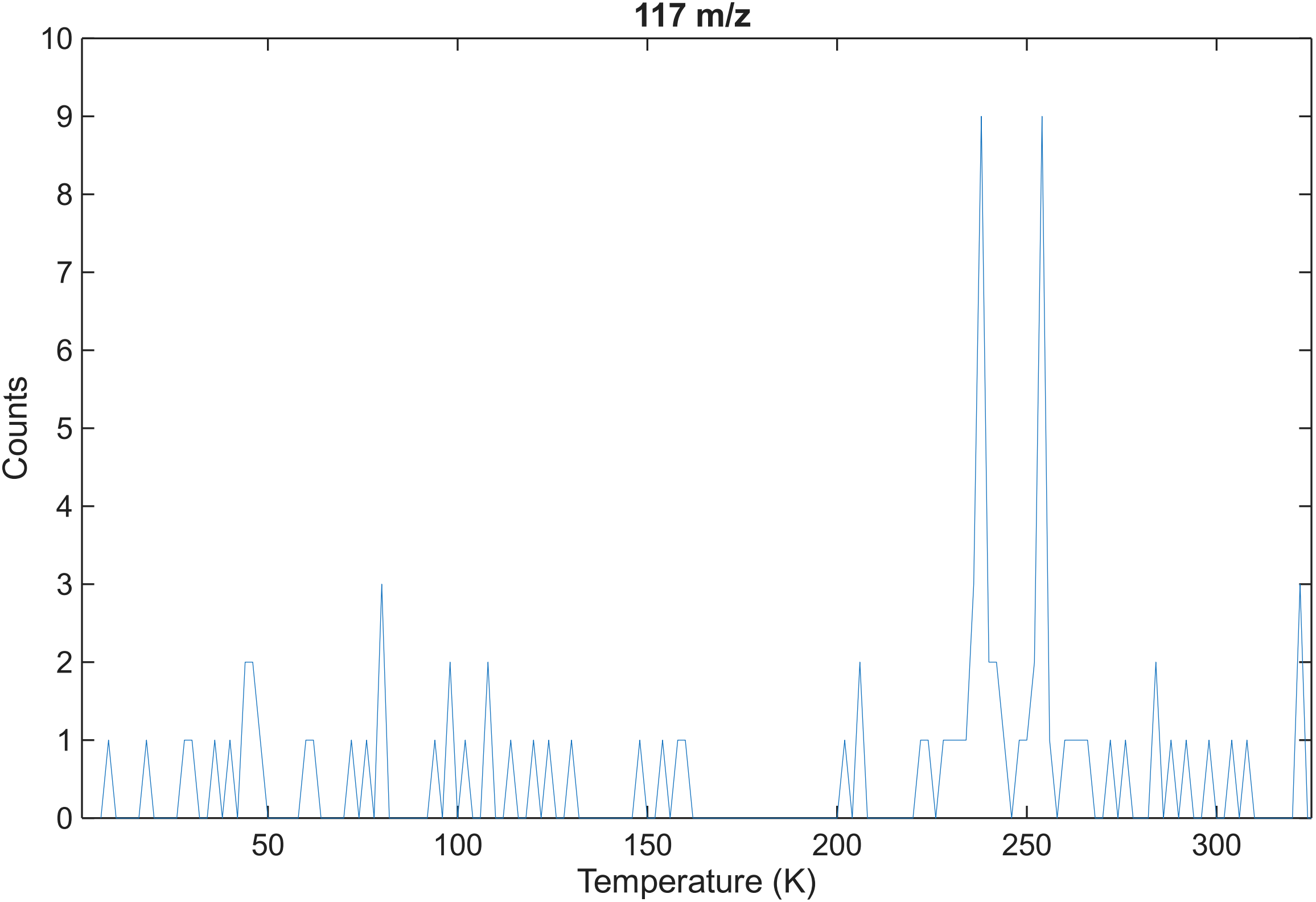
117 m/z
Counts
Temperature (K)
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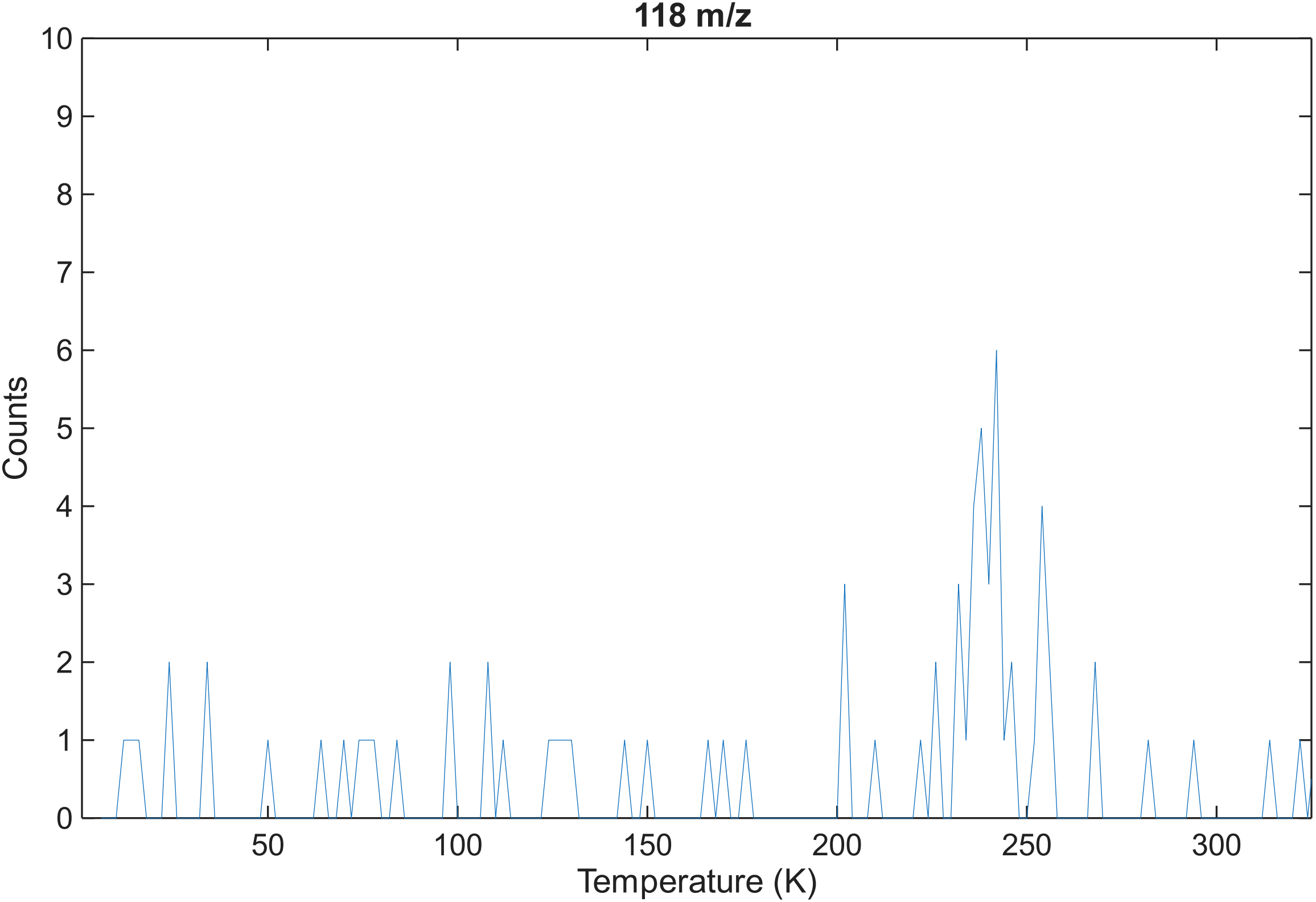
118 m/z
Counts
Temperature (K)
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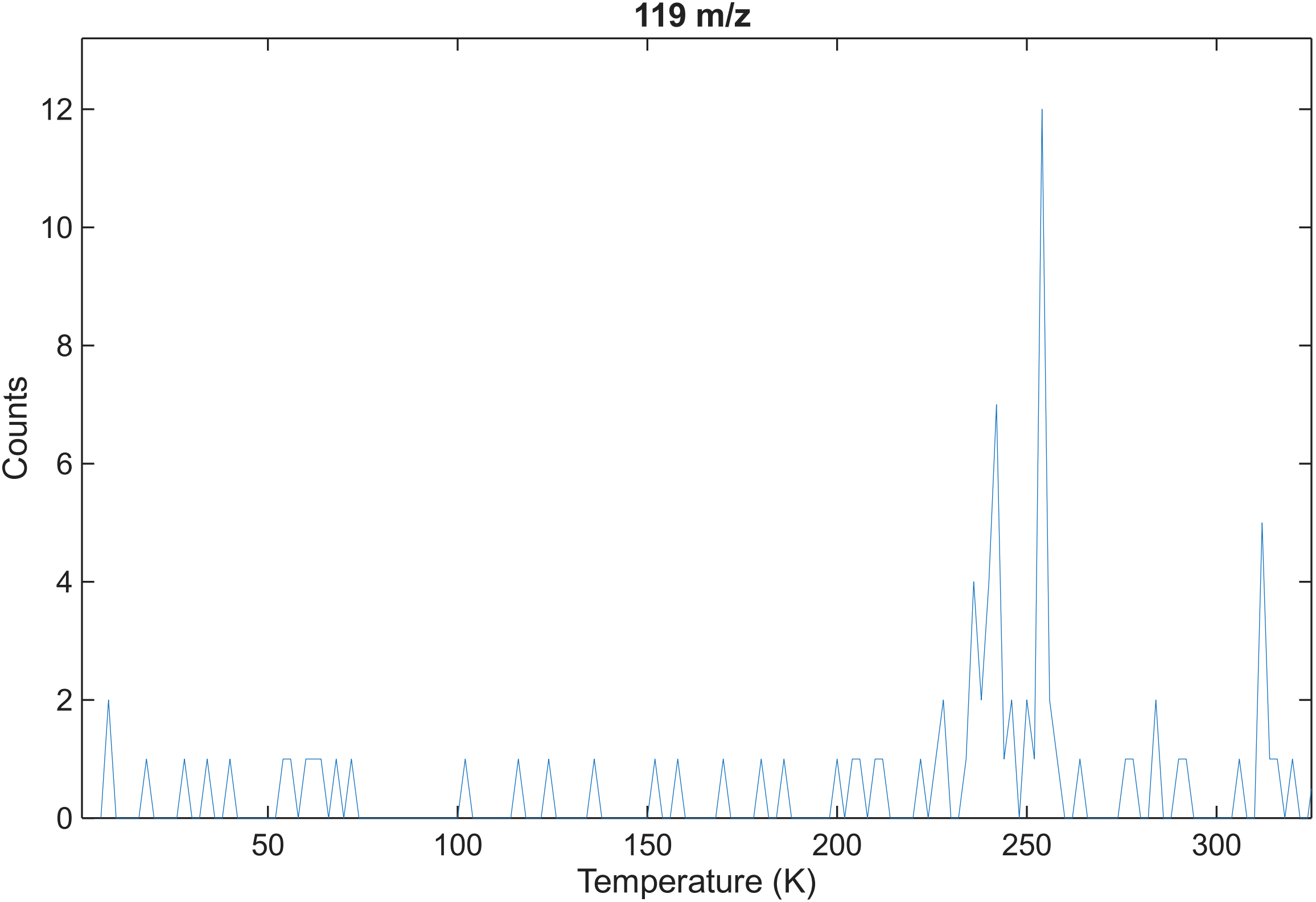
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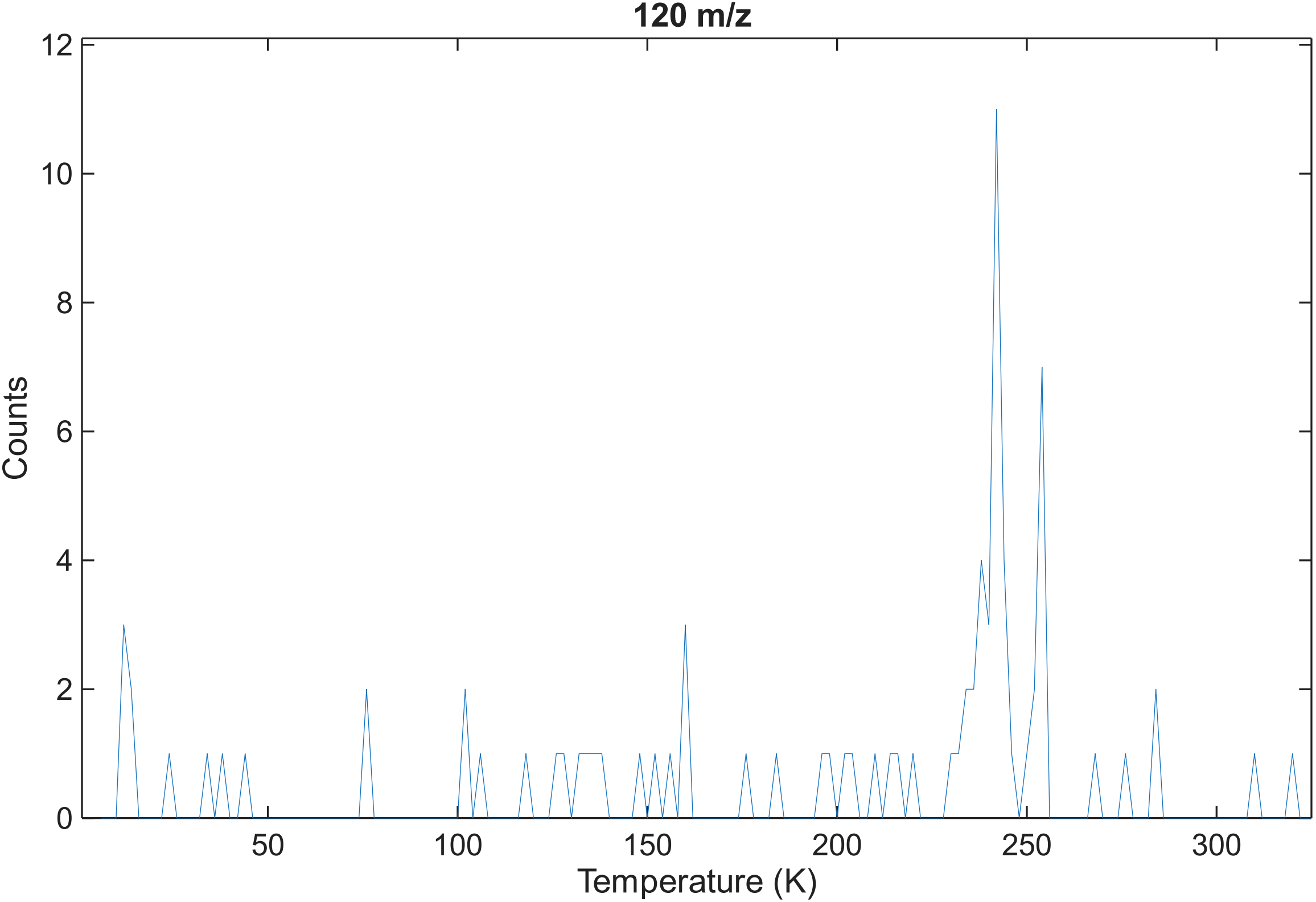
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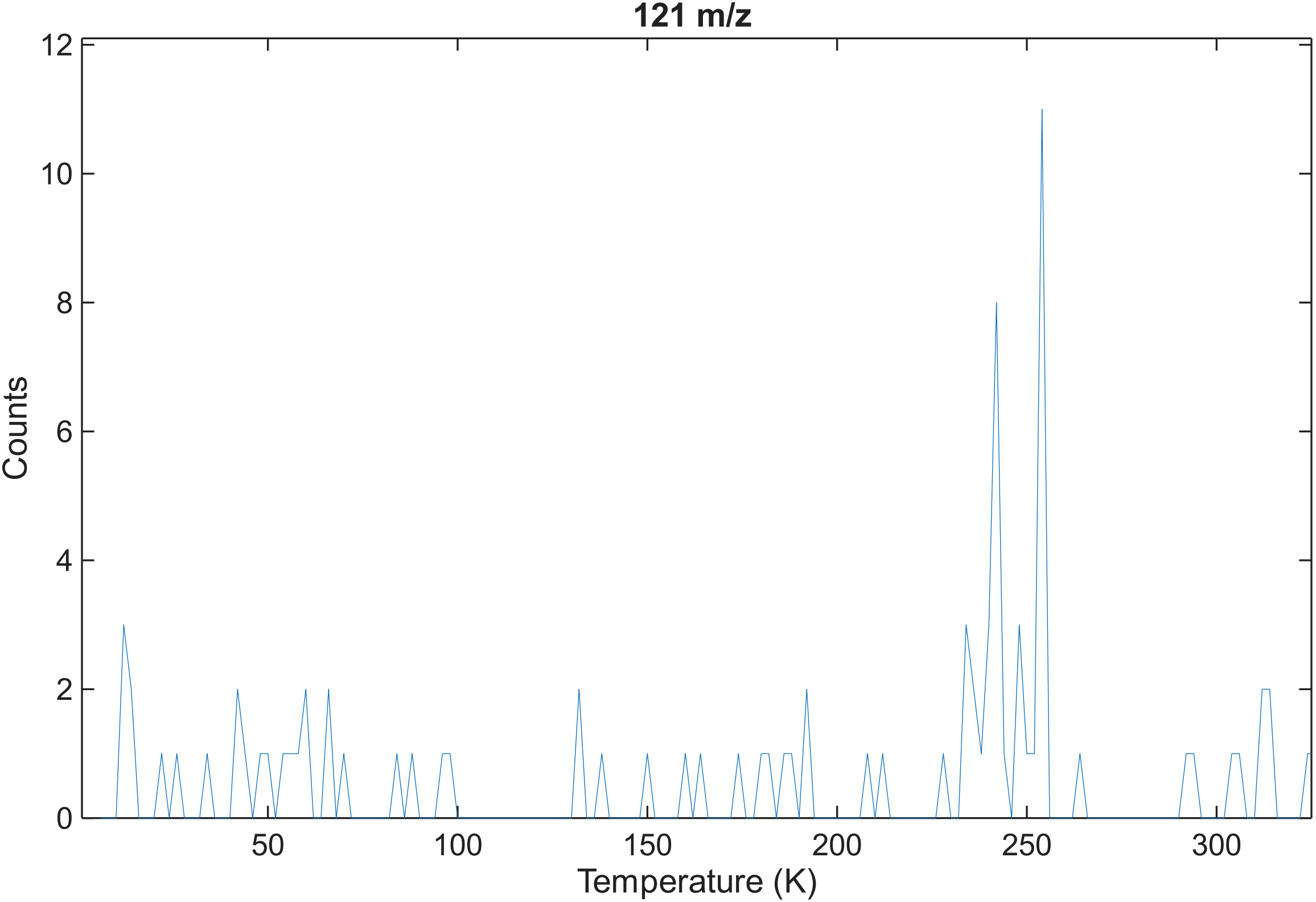
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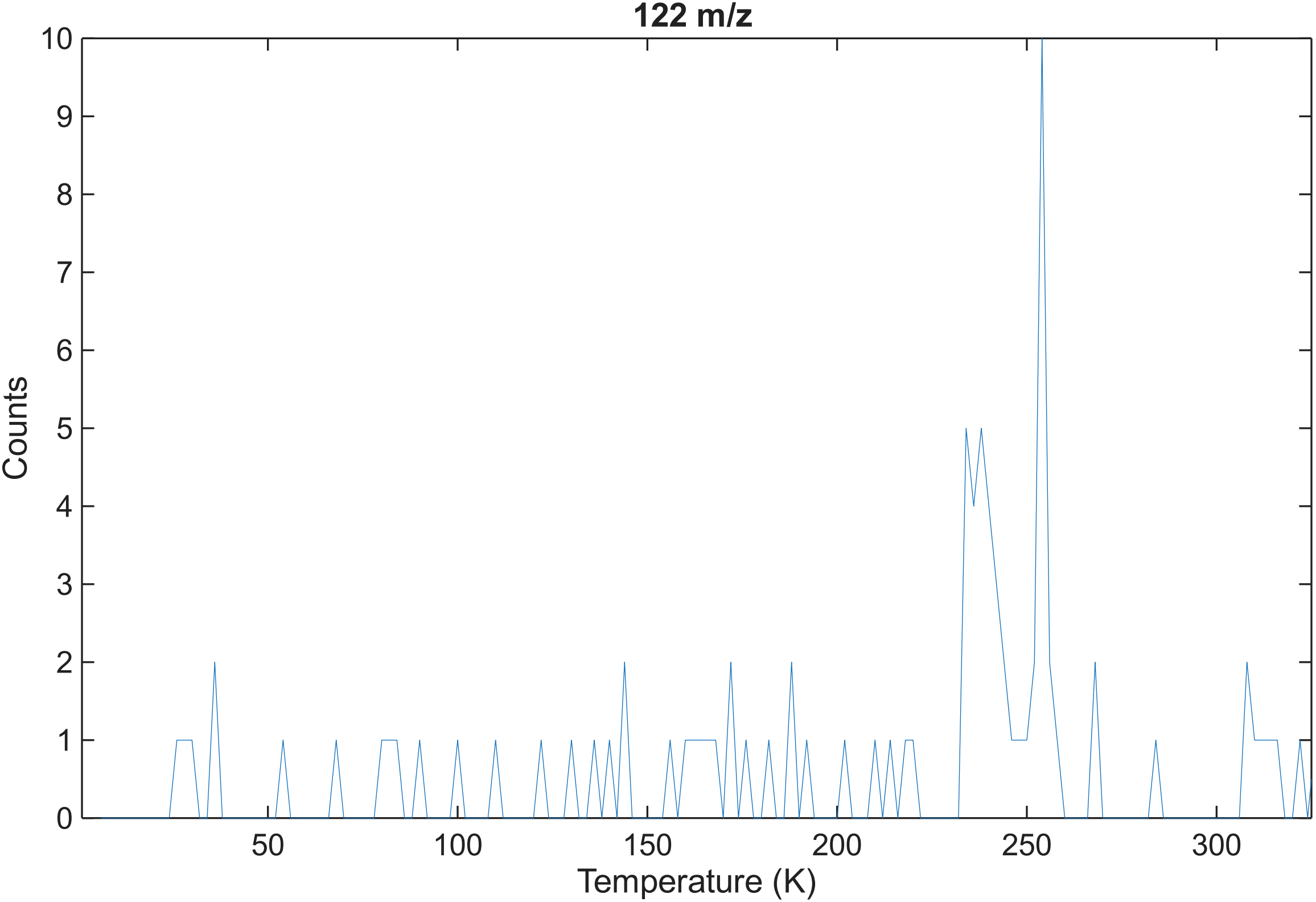
122 m/z
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Temperature (K)
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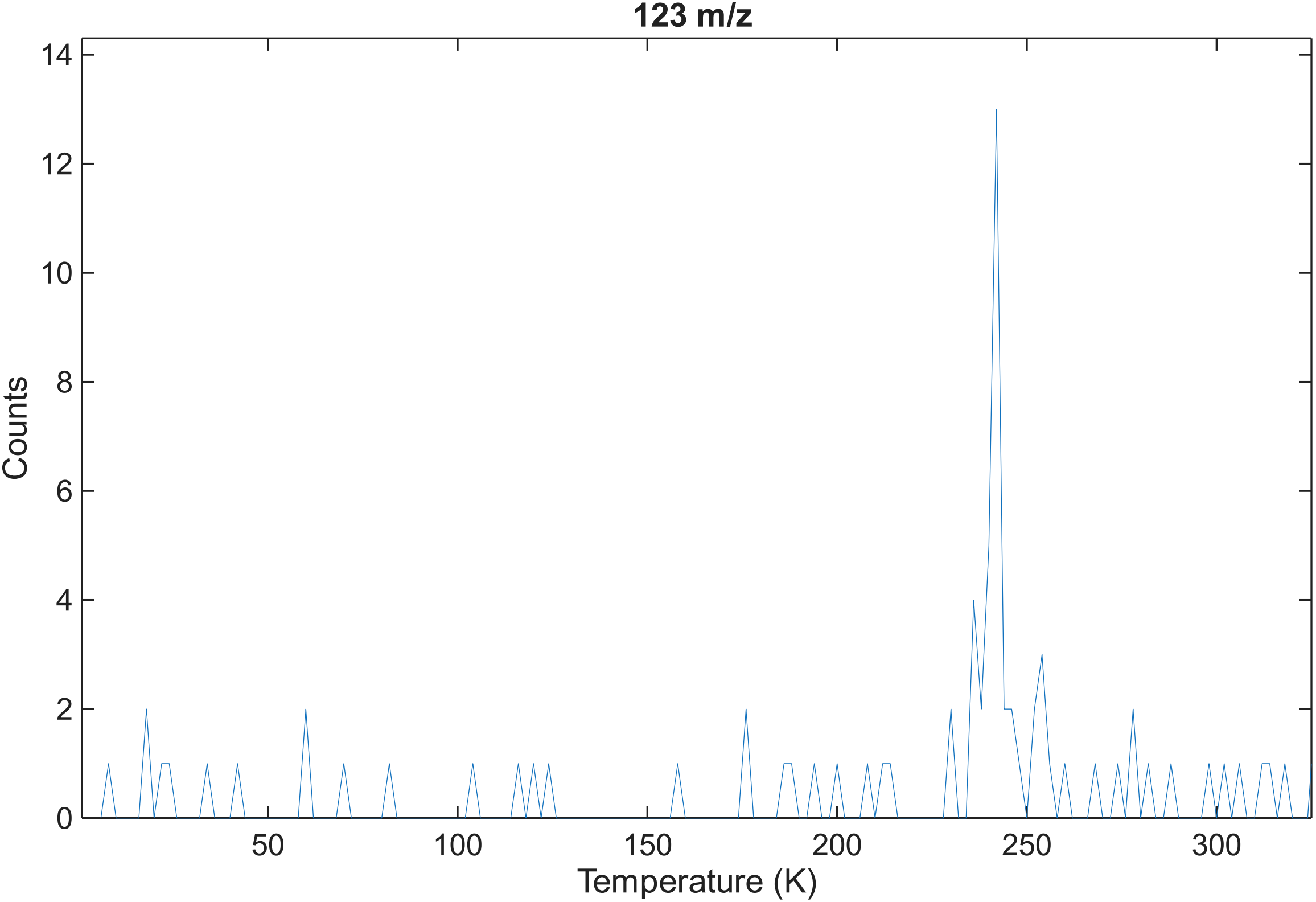
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Counts
Temperature (K)
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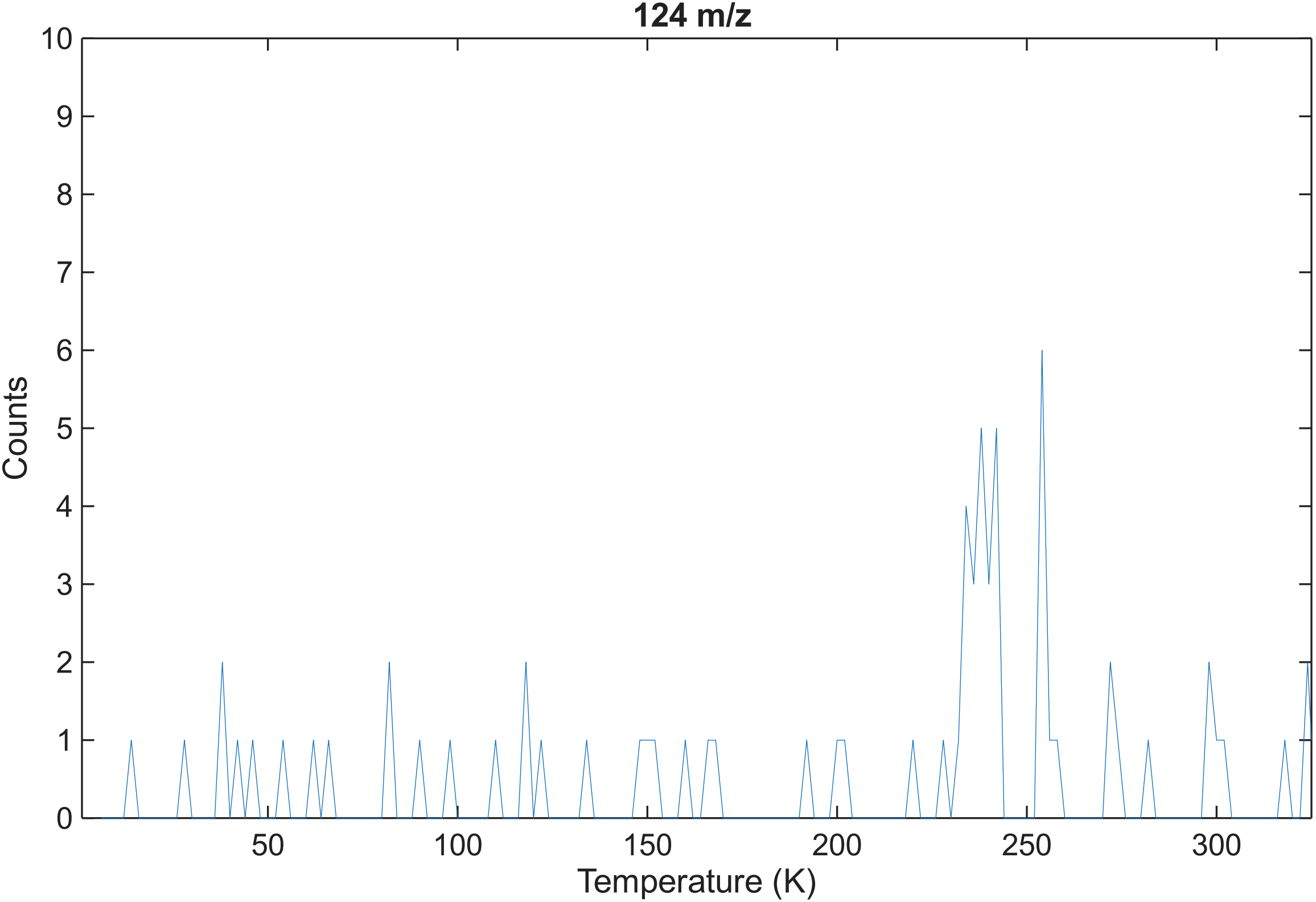
124 m/z
Counts
Temperature (K)
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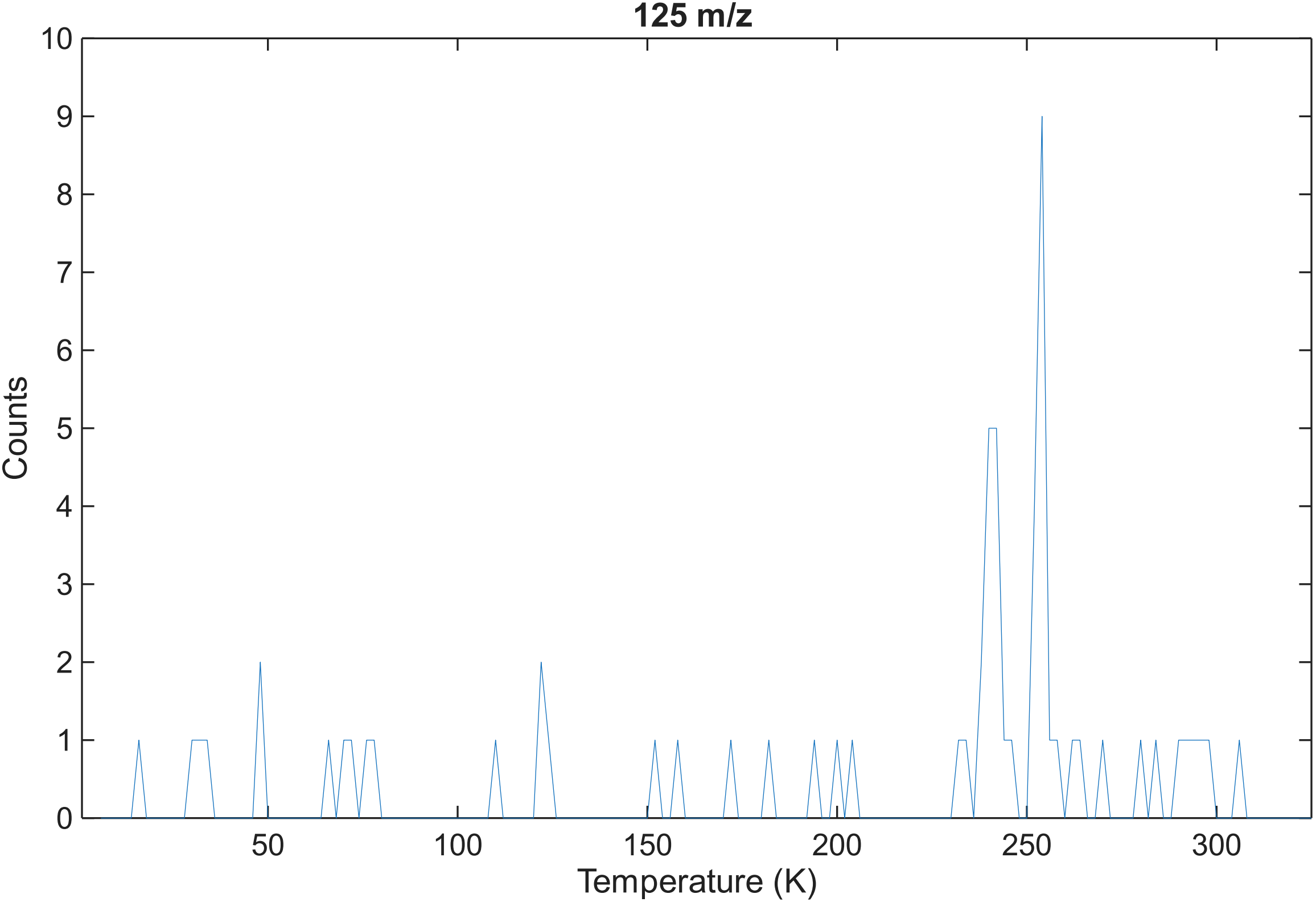
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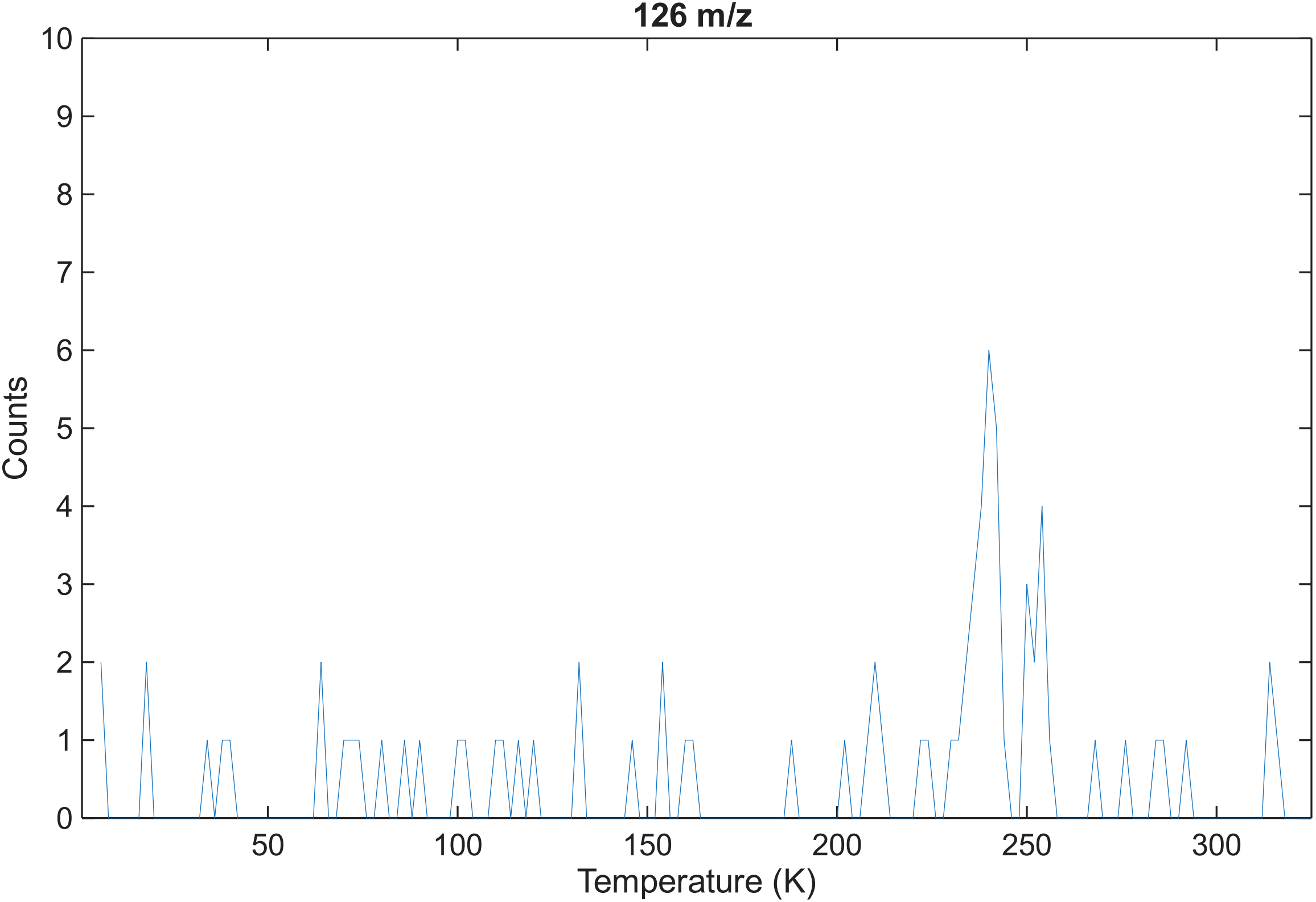
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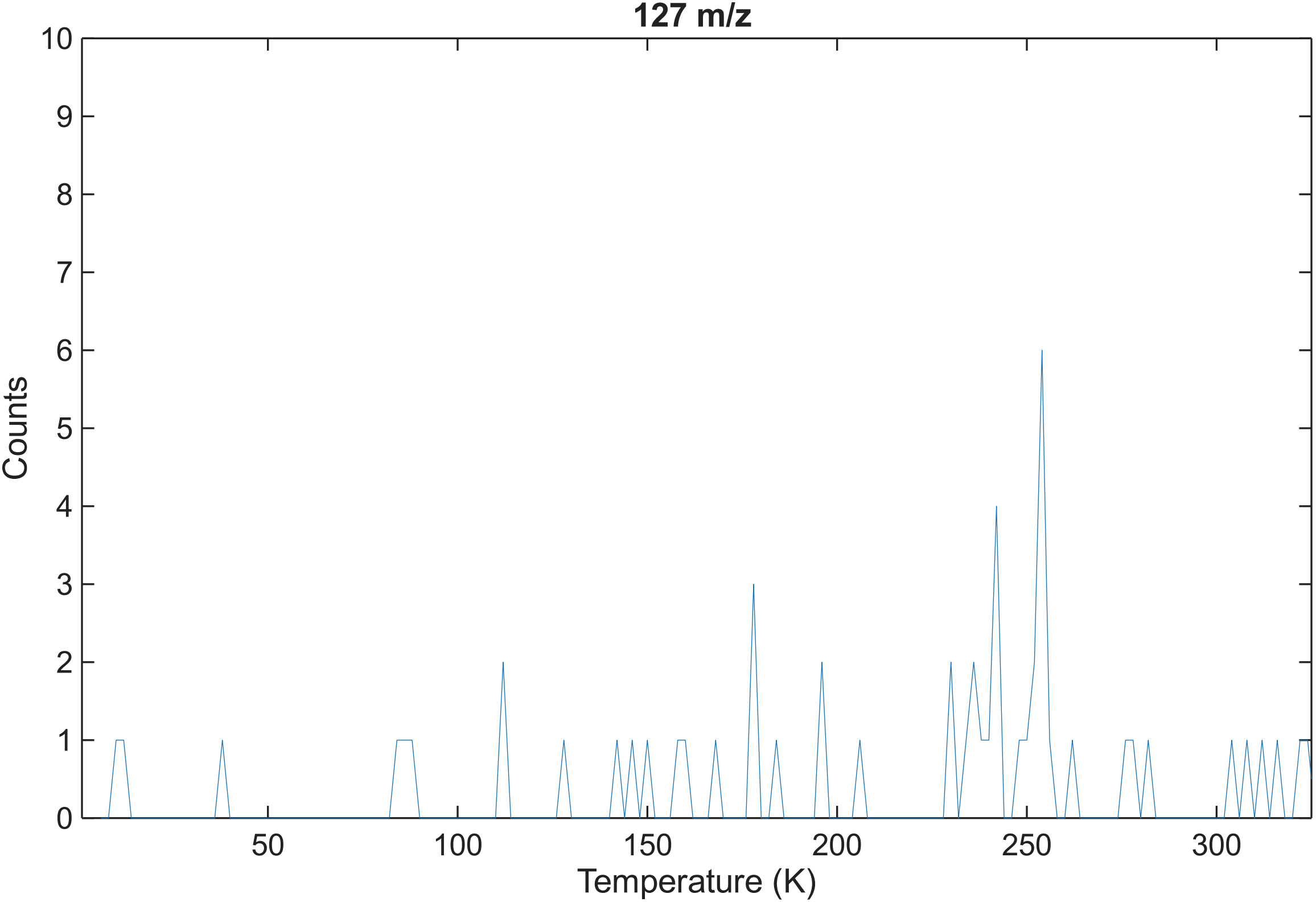
127 m/z
Counts
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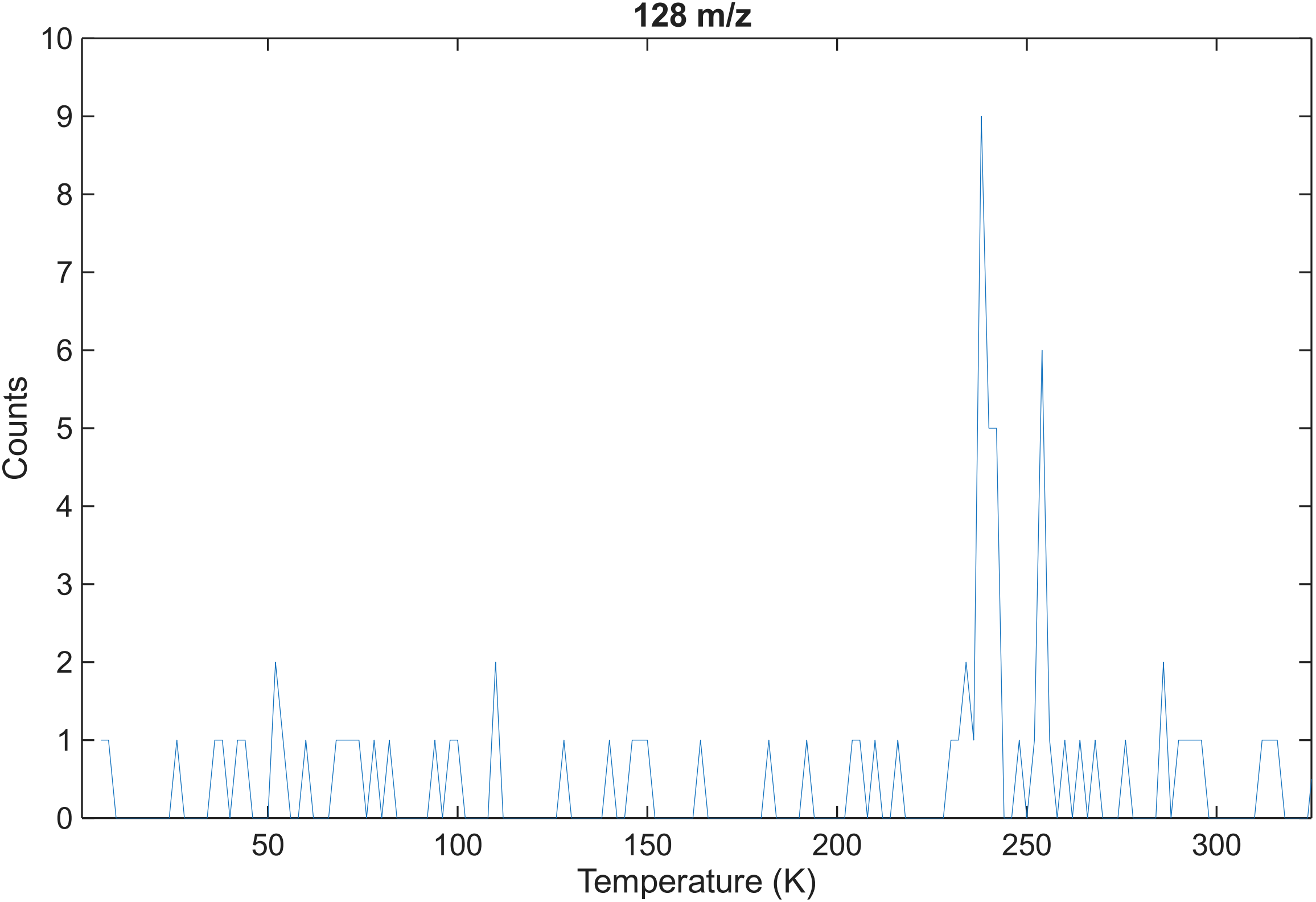
128 m/z
Counts
Temperature (K)
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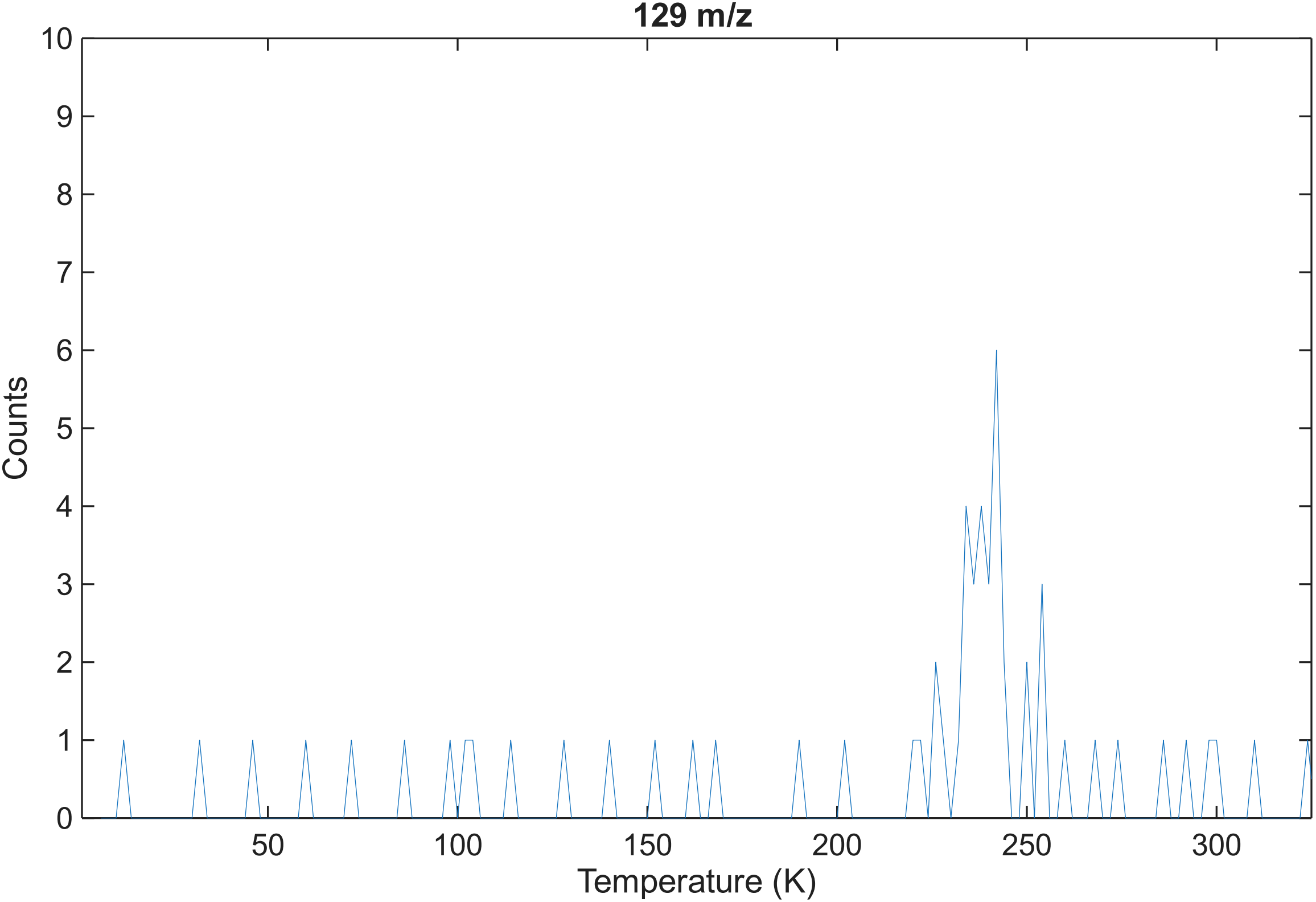
129 m/z
Counts
Temperature (K)
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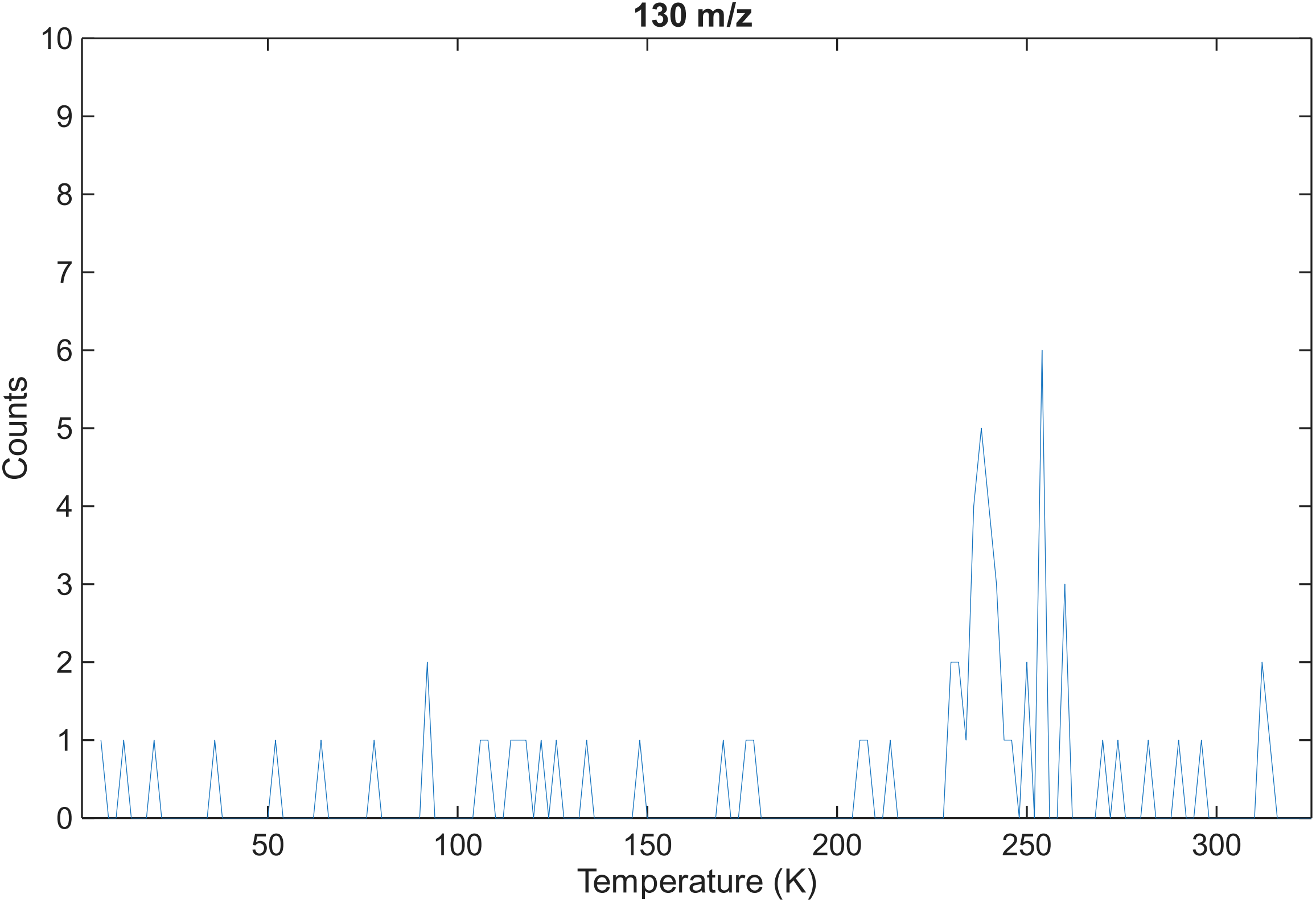
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Temperature (K)
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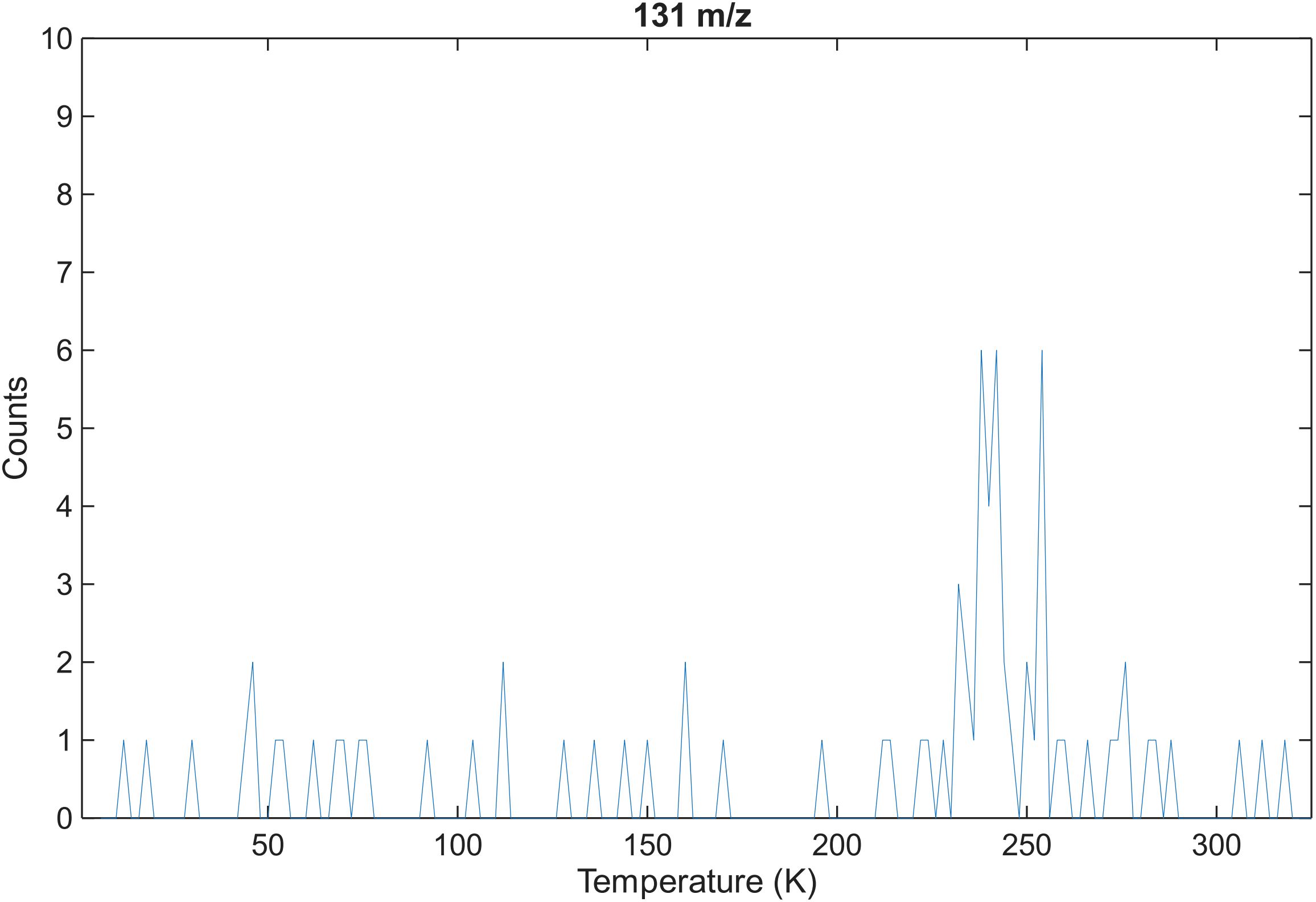
131 m/z
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Temperature (K)
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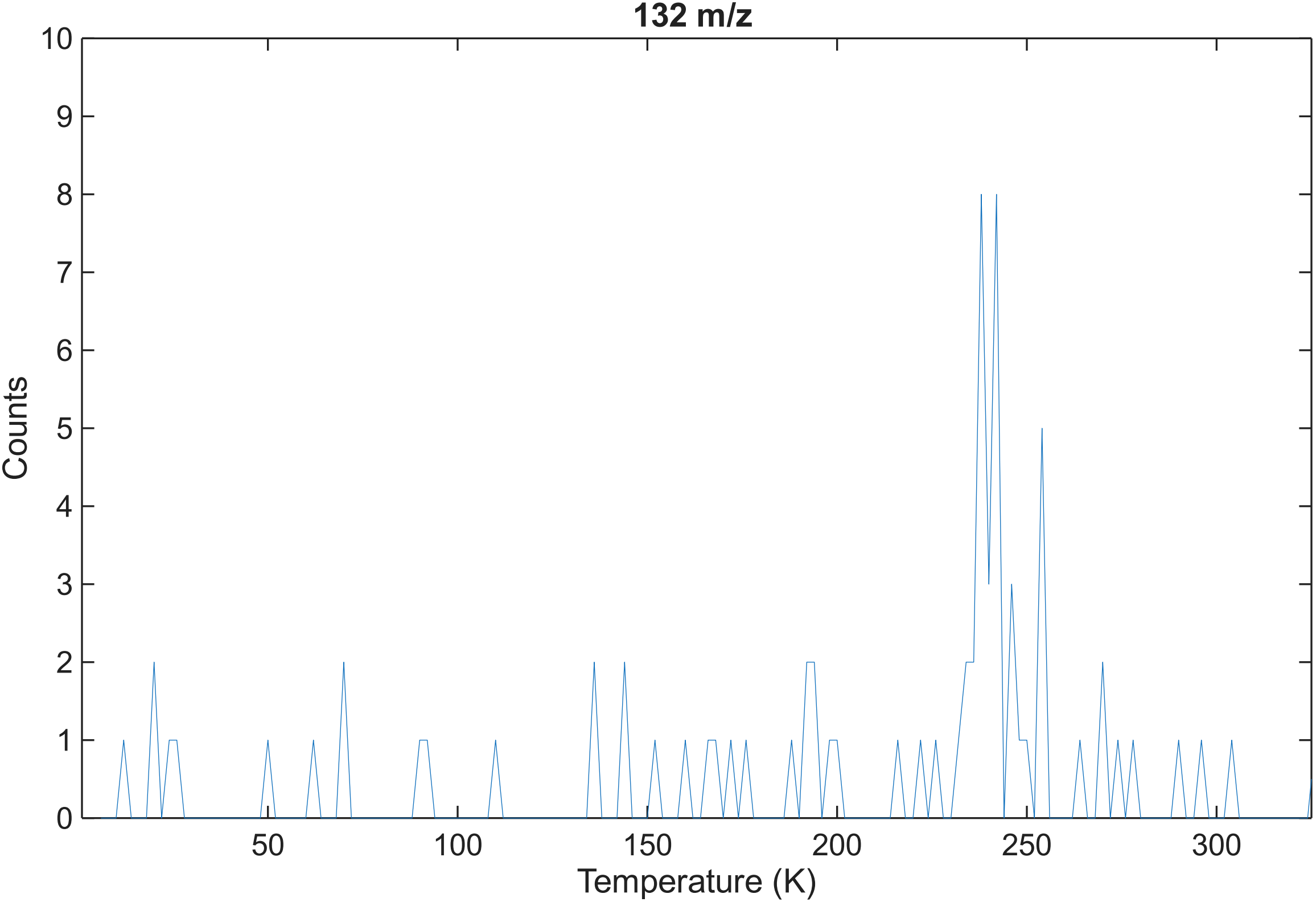
132 m/z
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Temperature (K)
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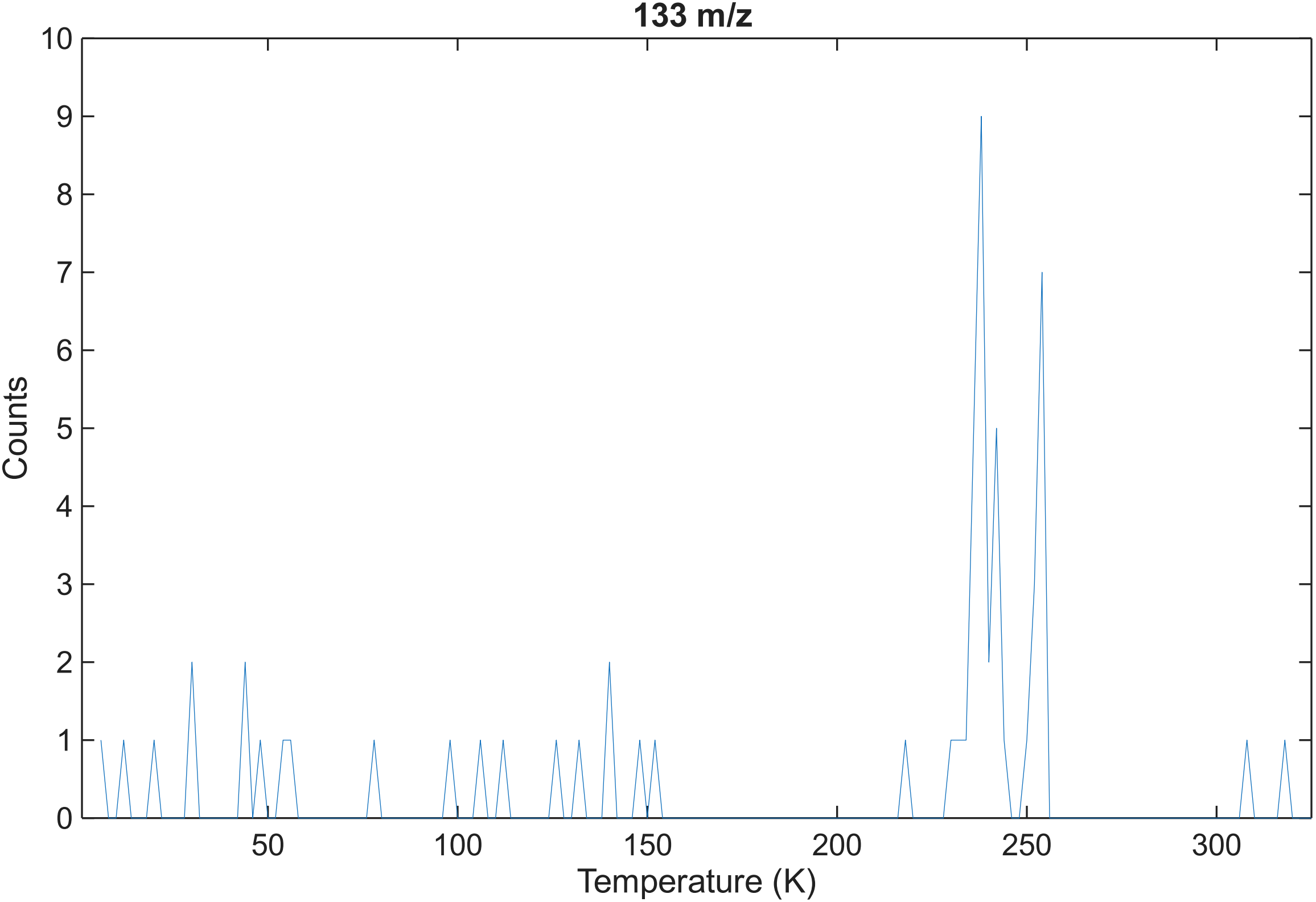
133 m/z
Counts
Temperature (K)
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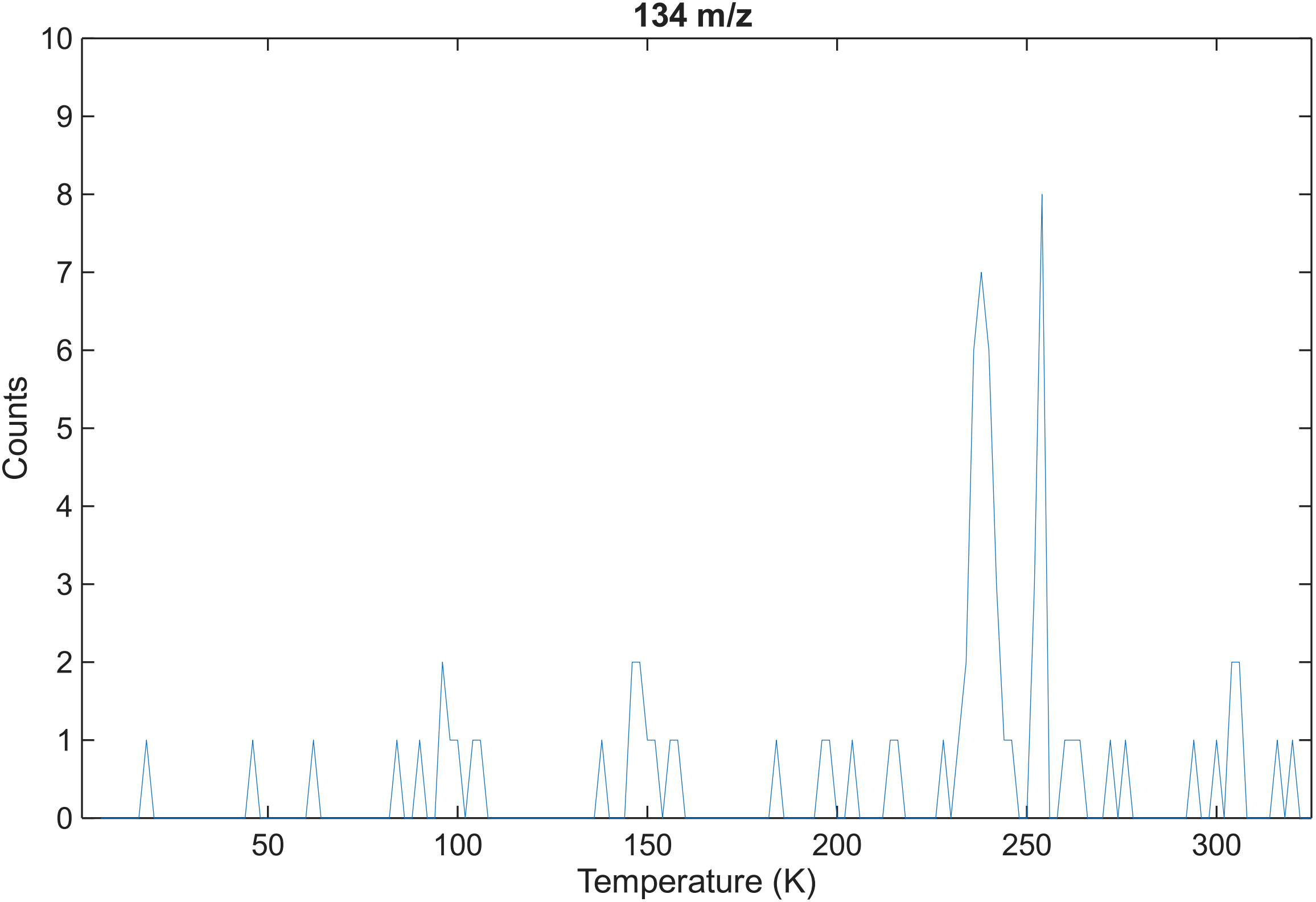
134 m/z
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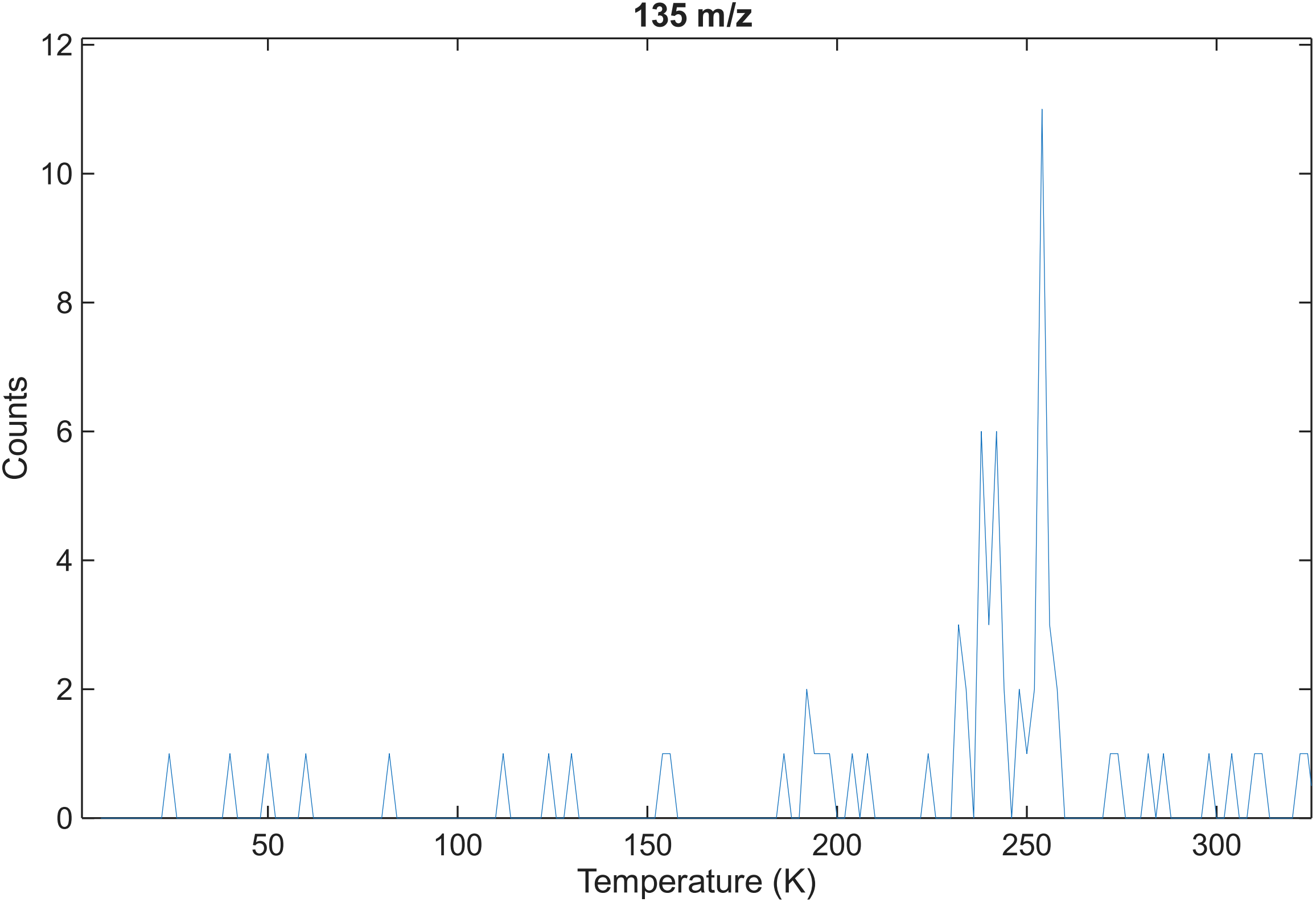
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Counts
Temperature (K)
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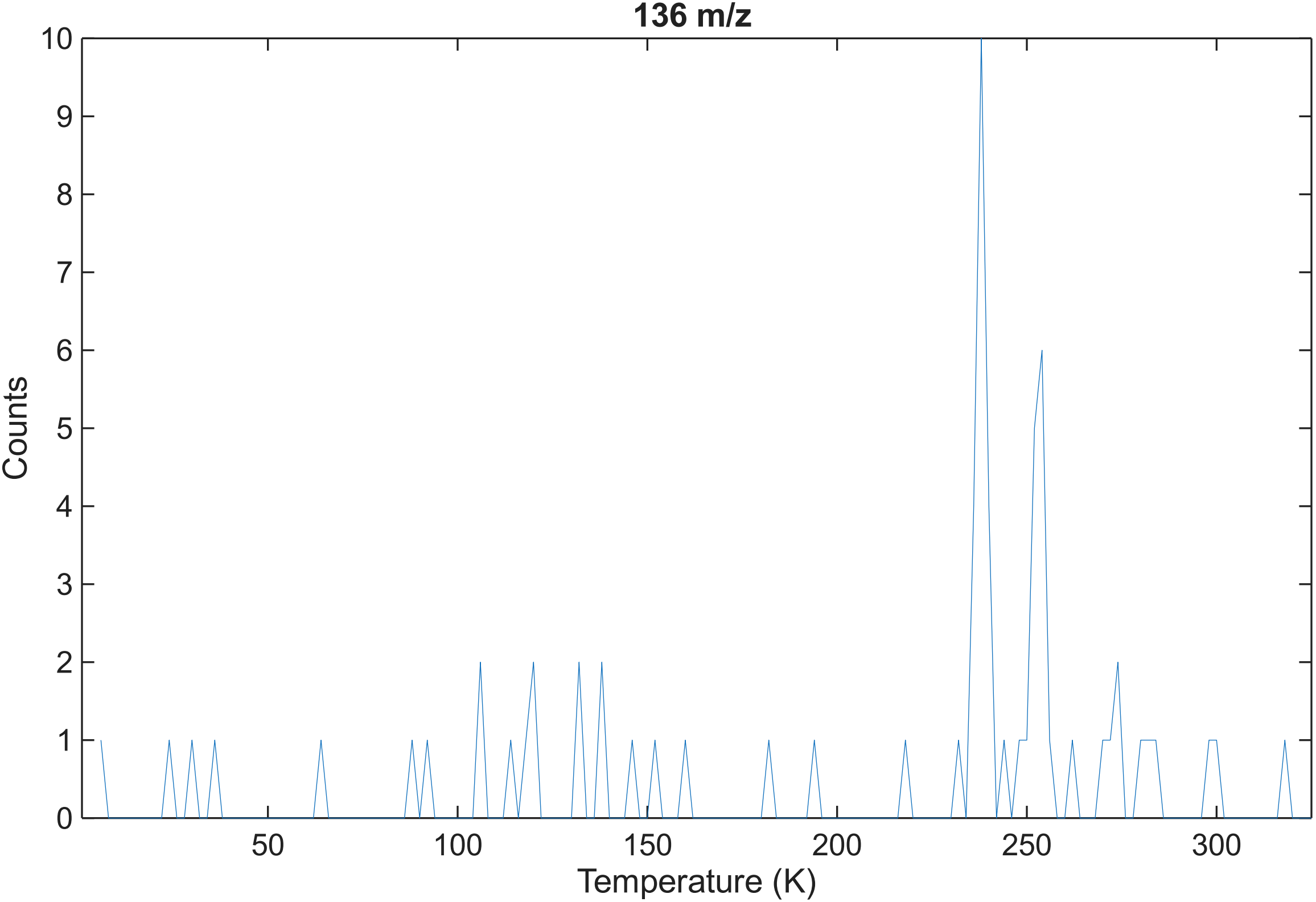
136 m/z
Counts
Temperature (K)
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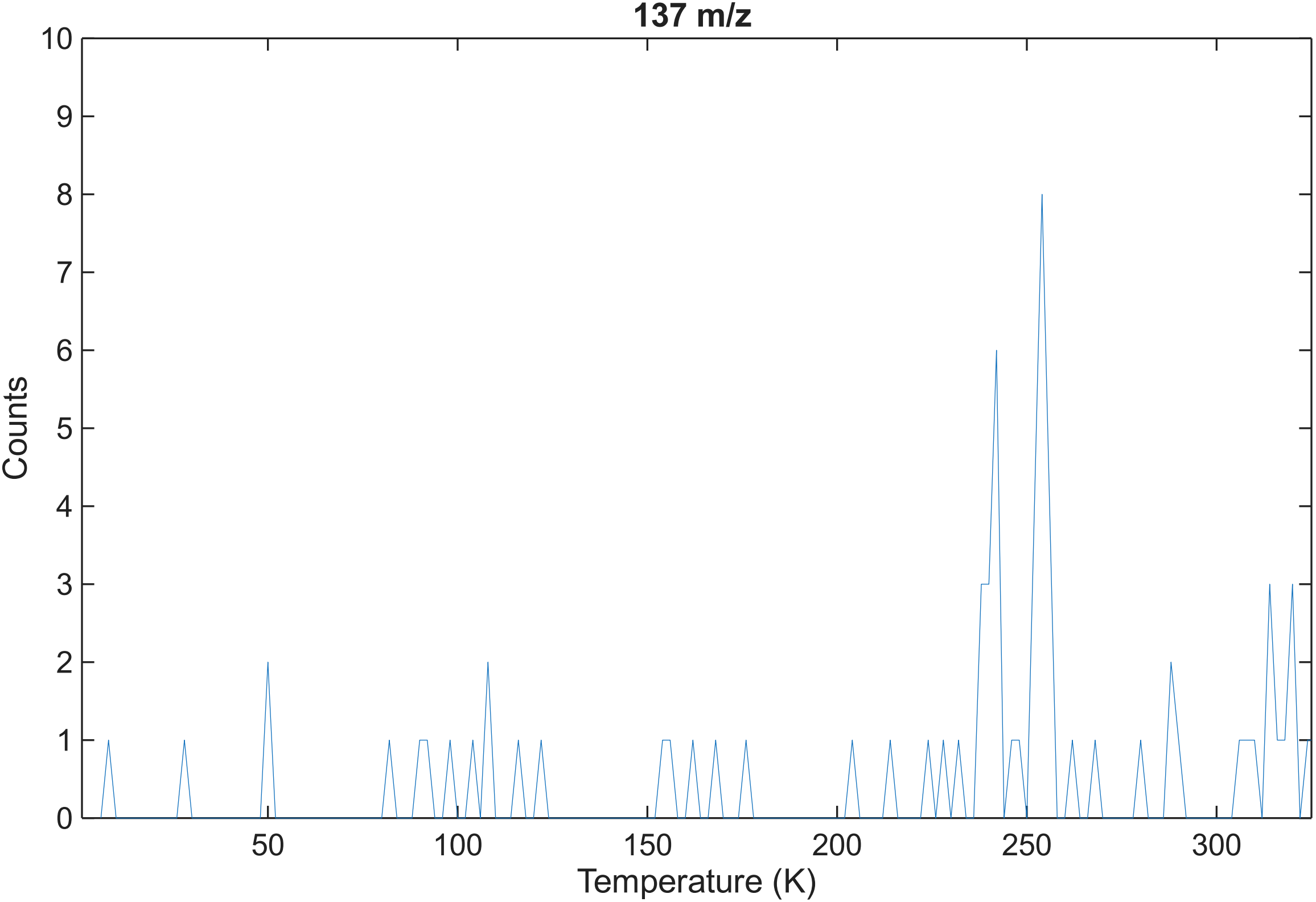
137 m/z
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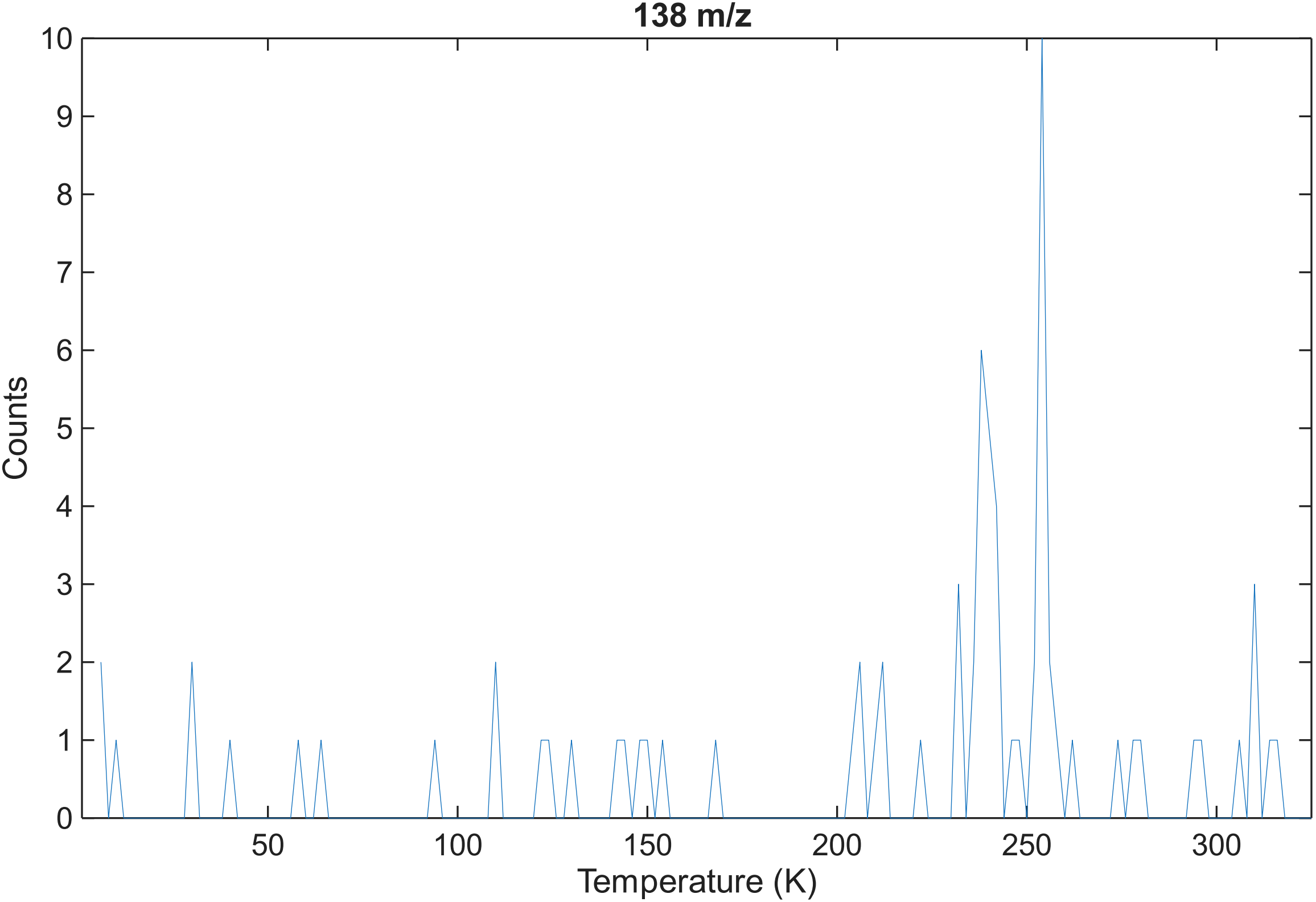
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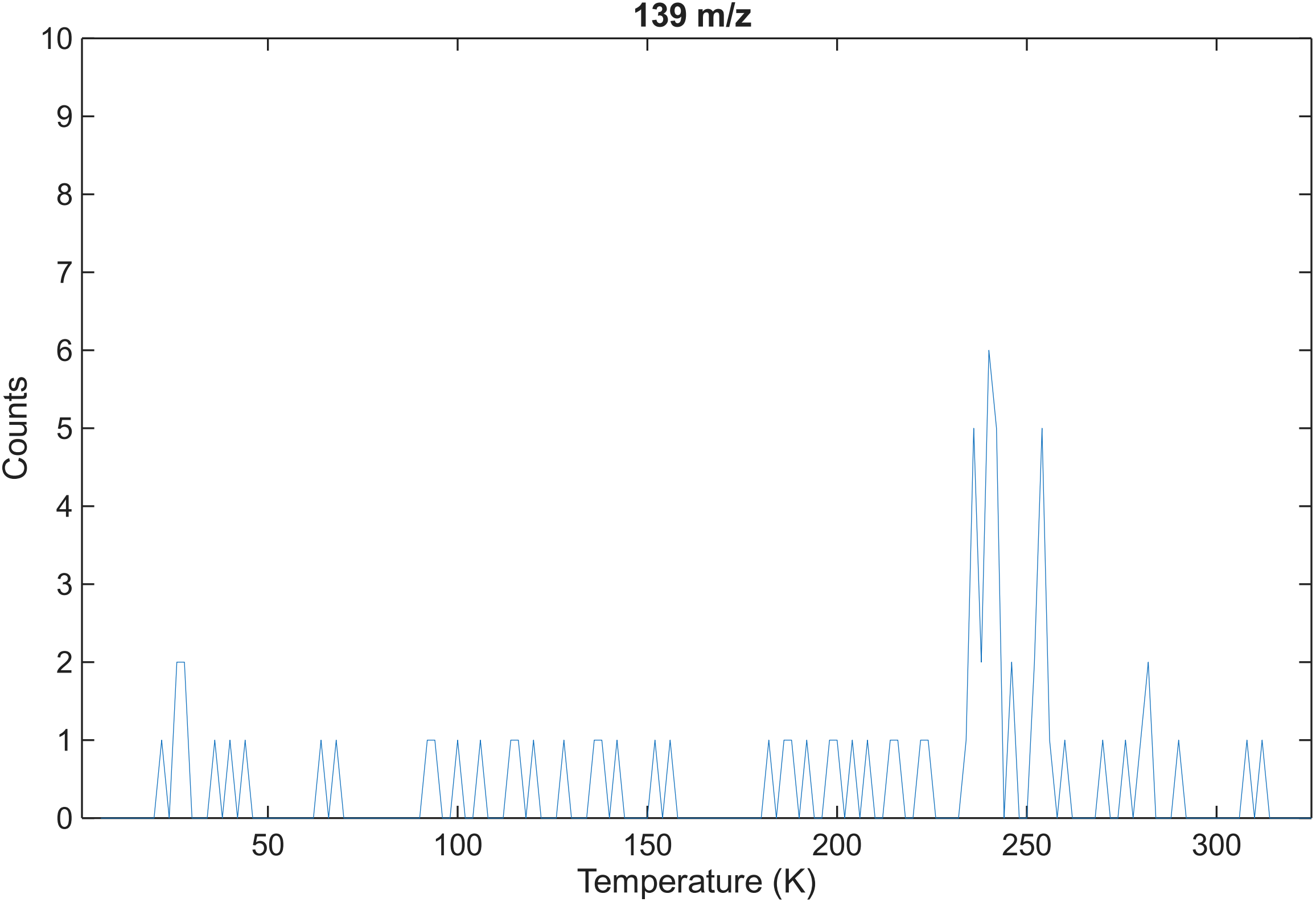
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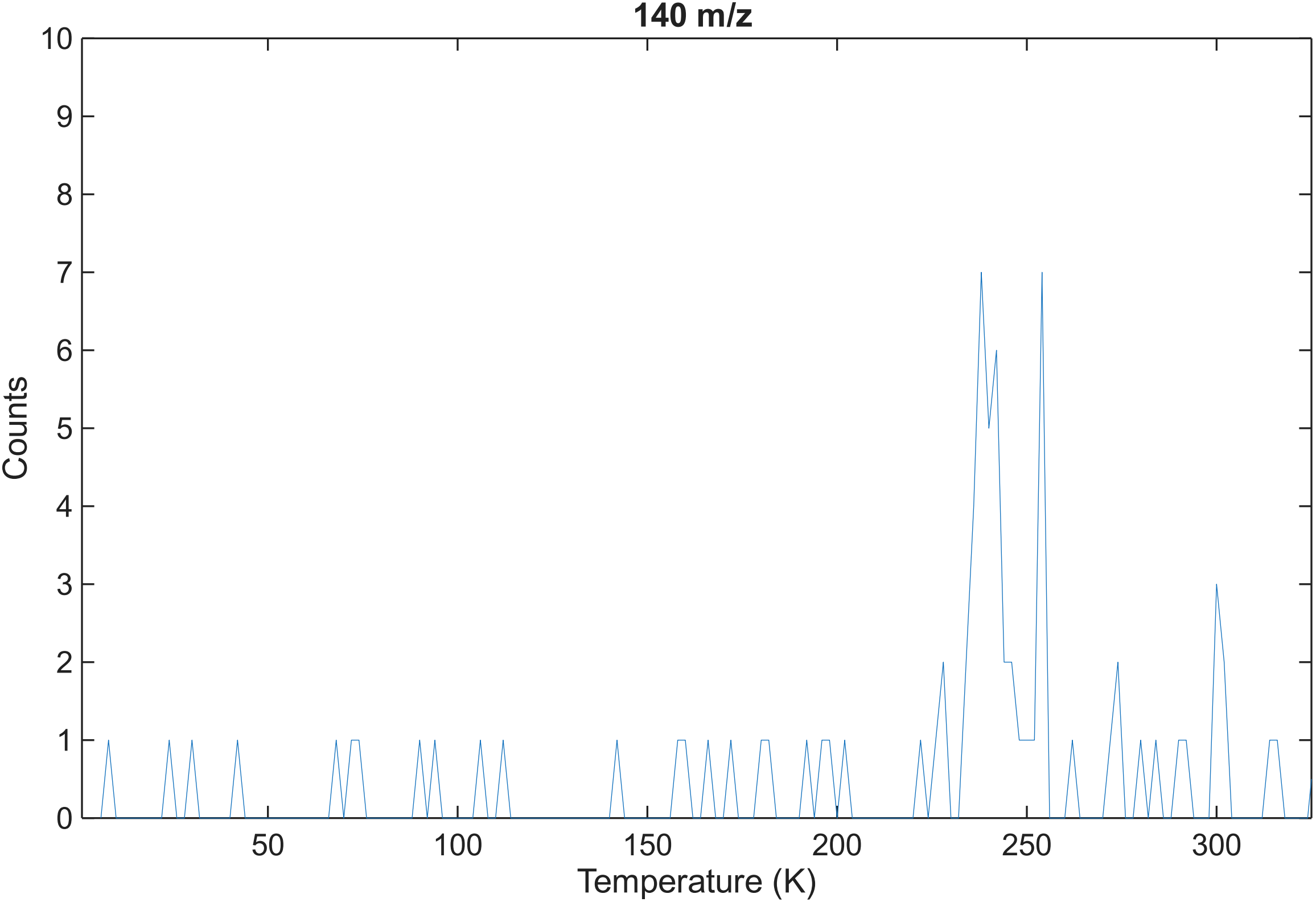
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Temperature (K)
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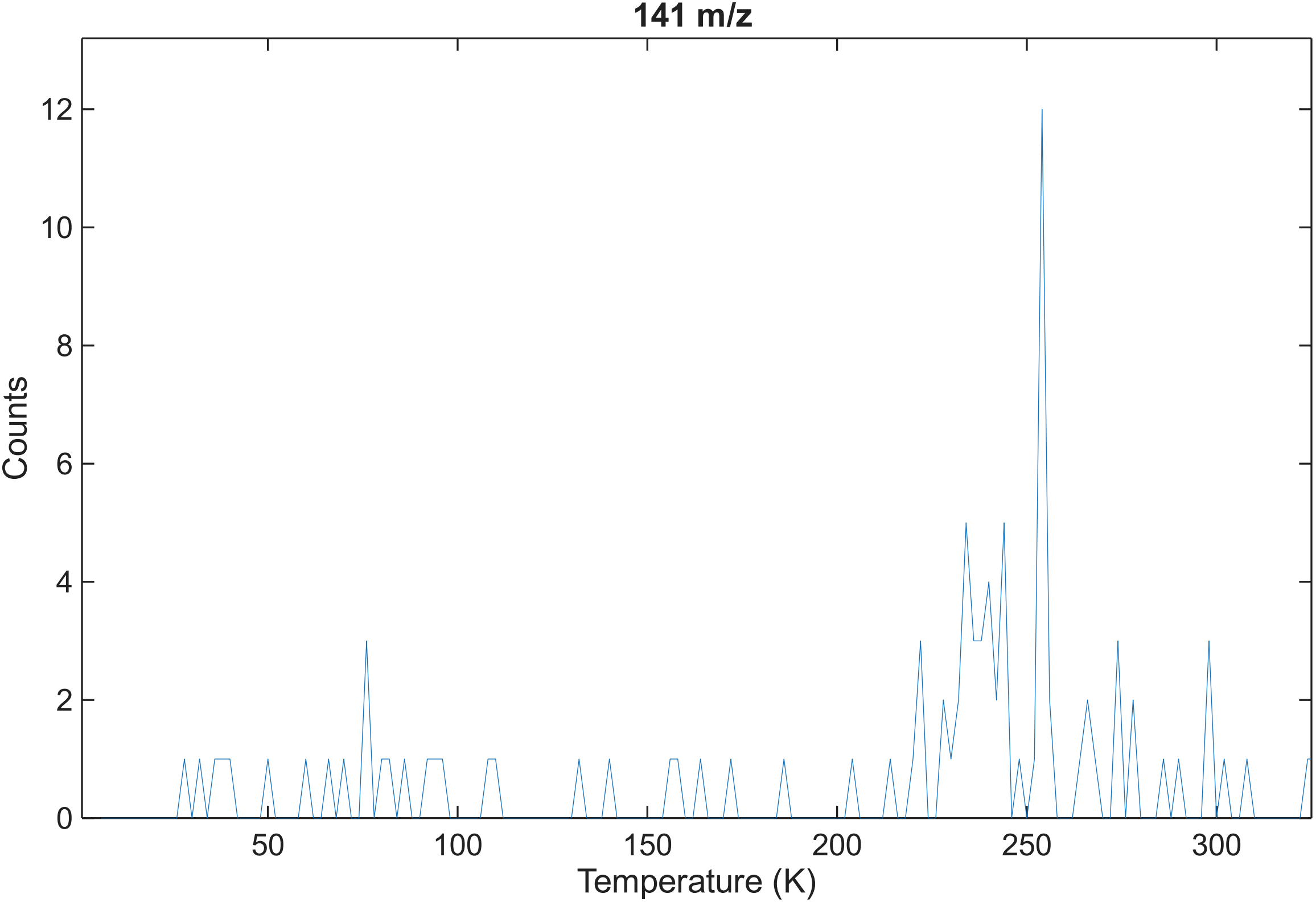
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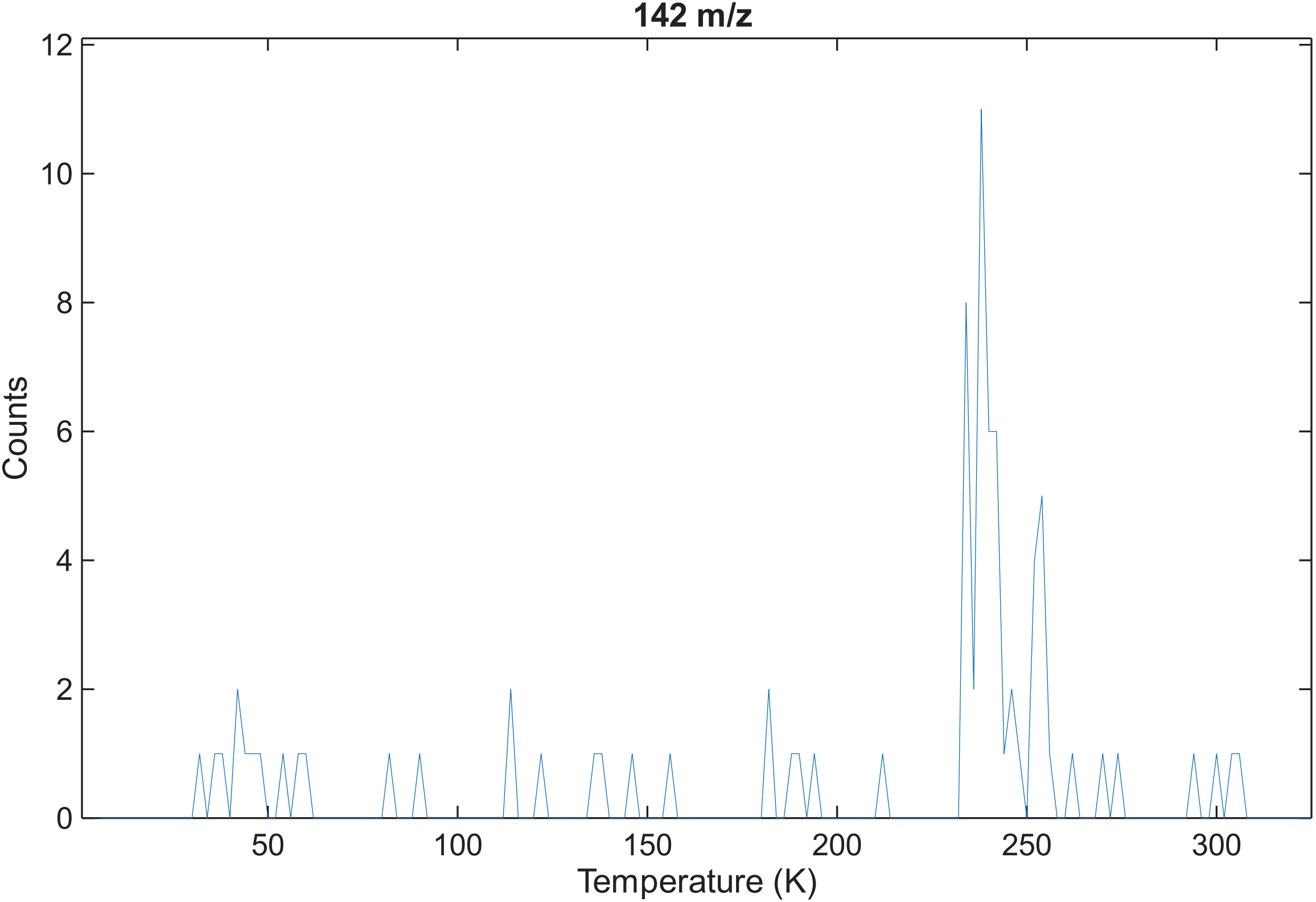
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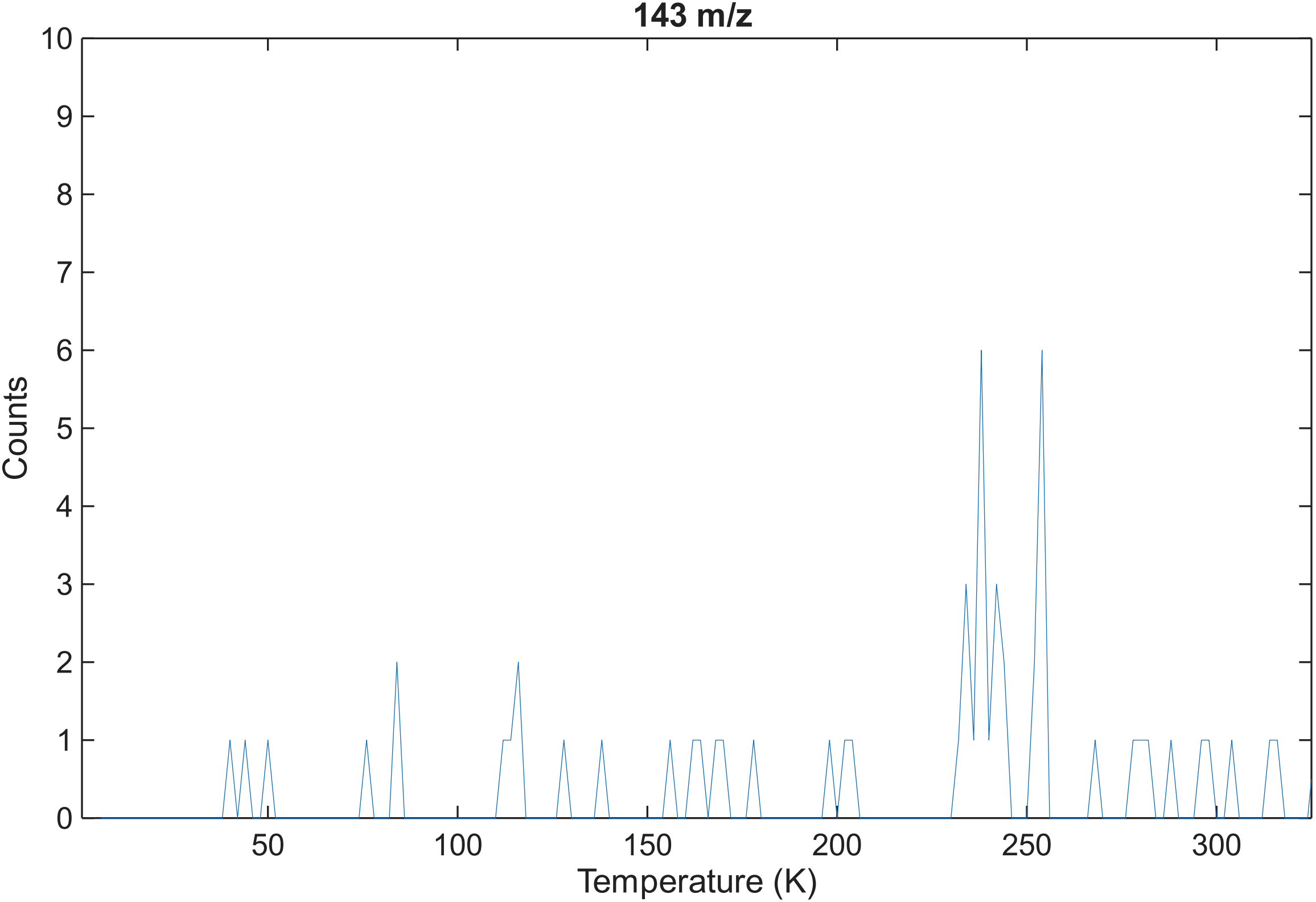
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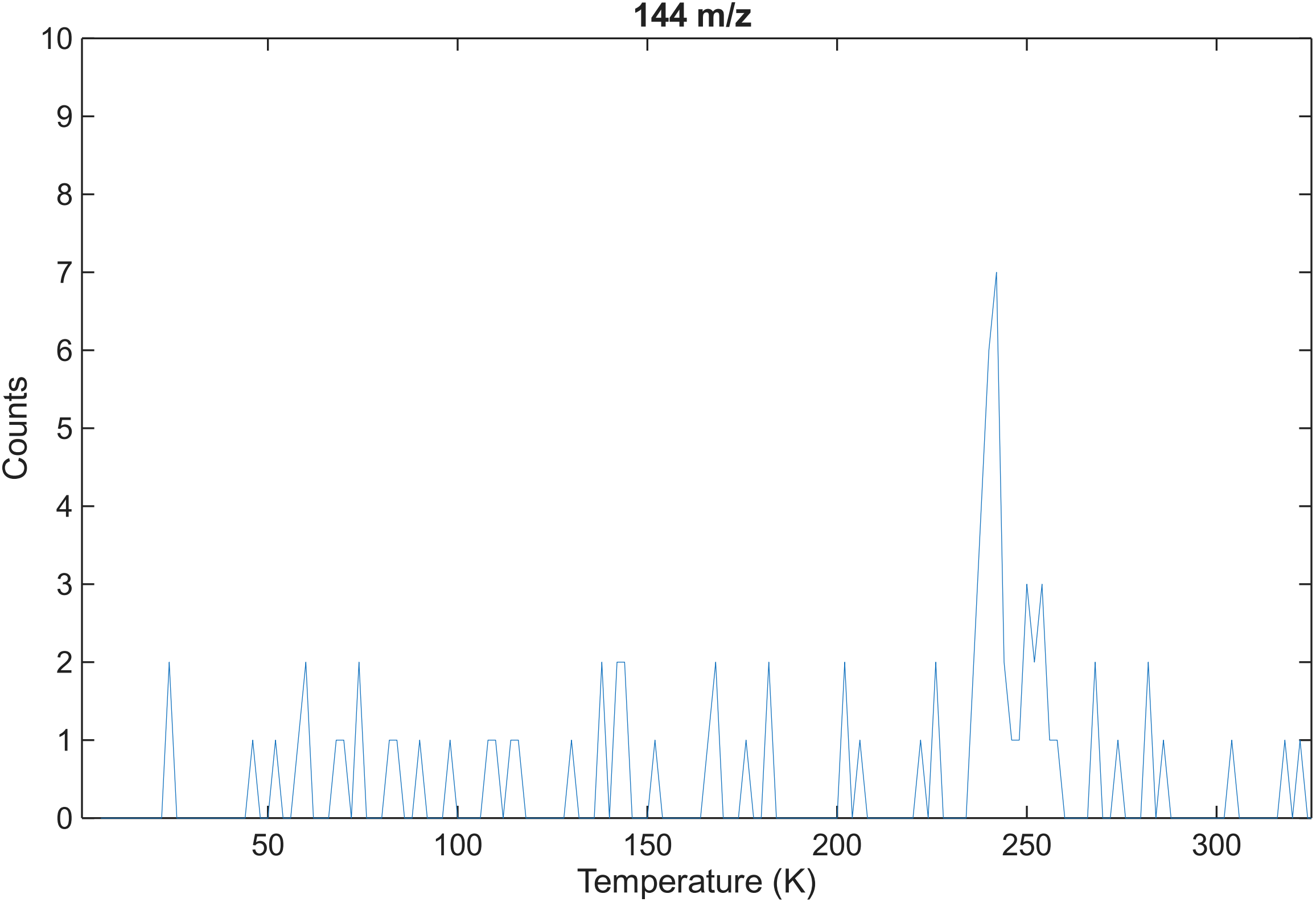
144 m/z
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Temperature (K)
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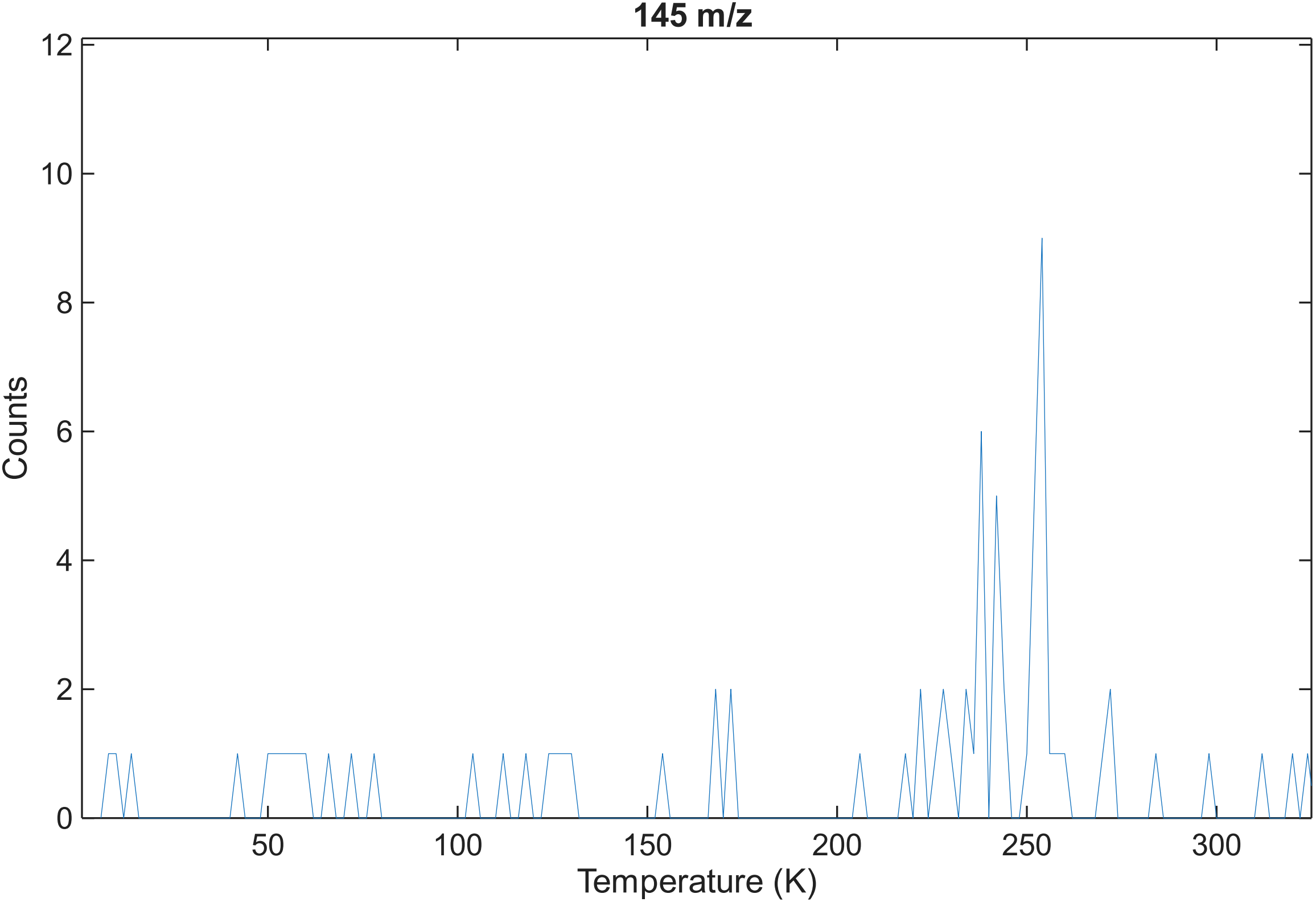
145 m/z
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Temperature (K)
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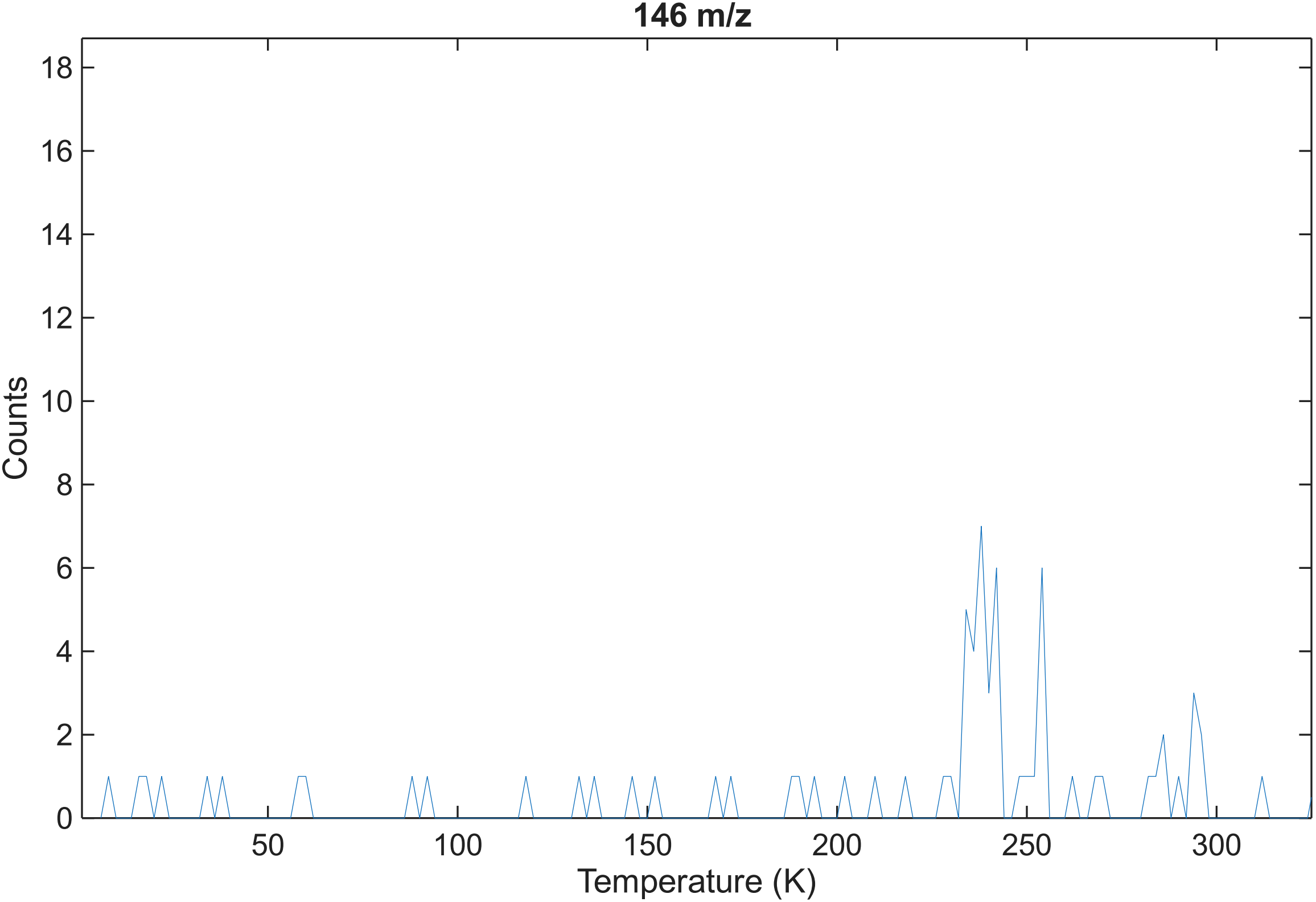
146 m/z
Counts
Temperature (K)
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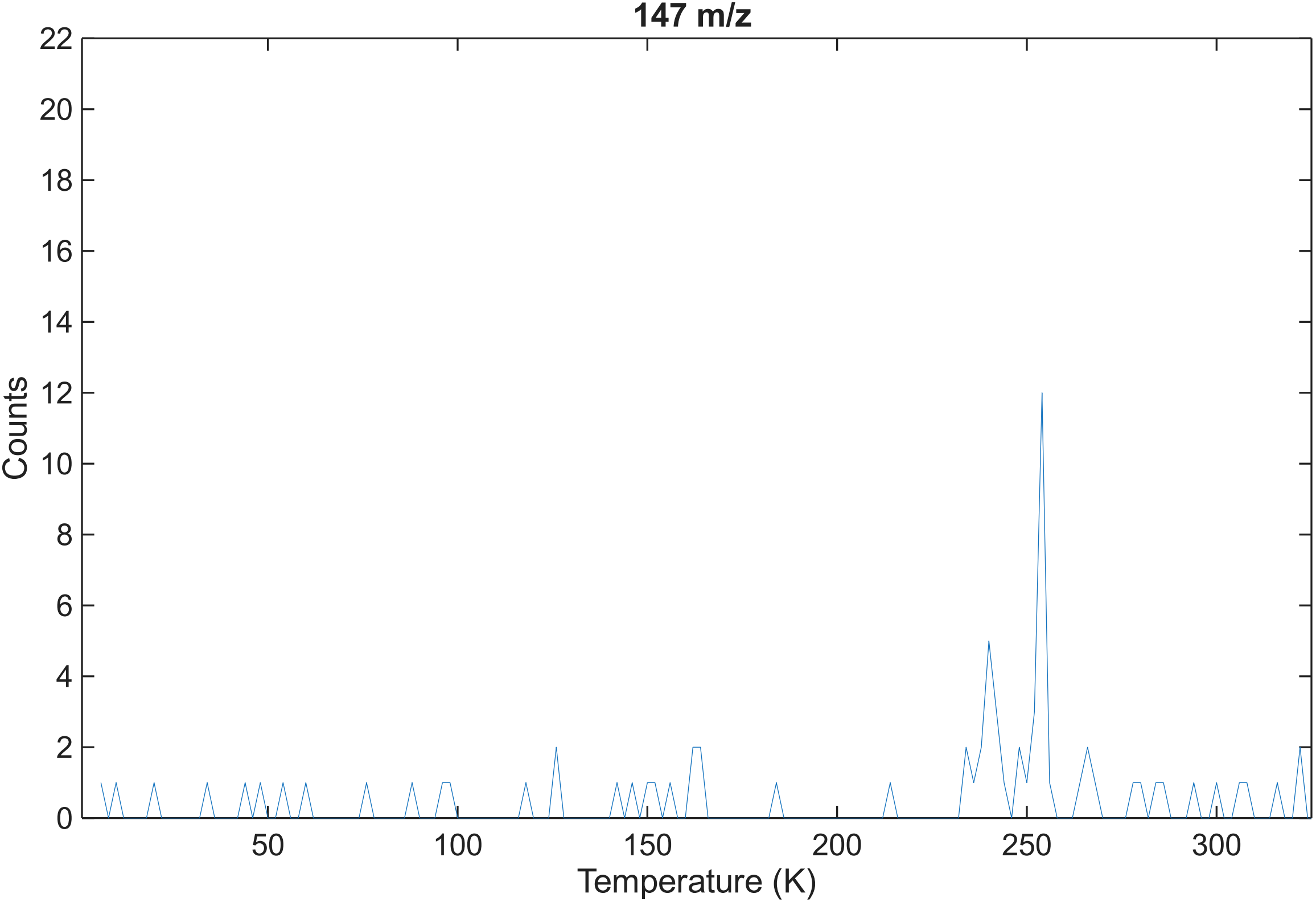
147 m/z
Counts
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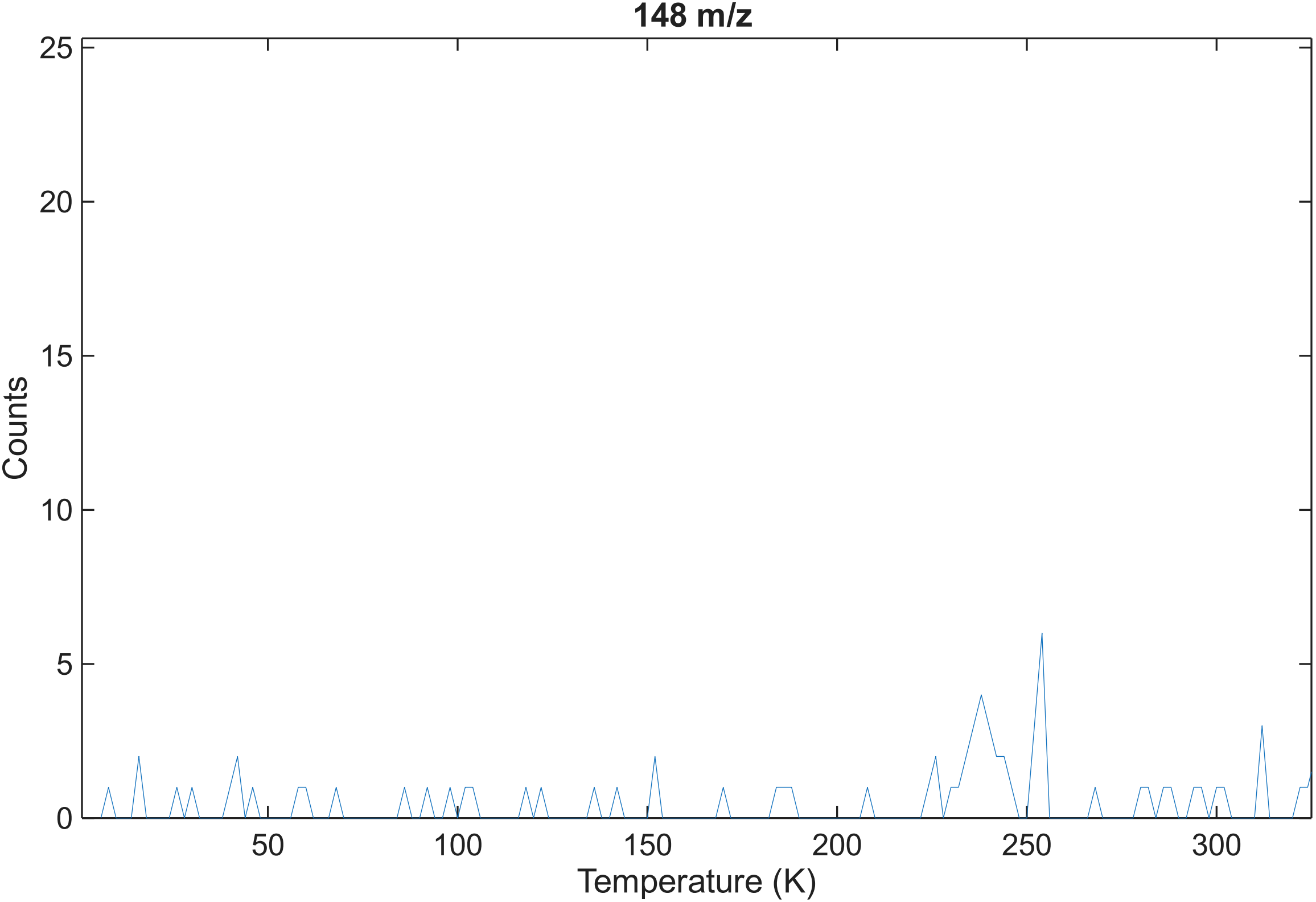
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Counts
50
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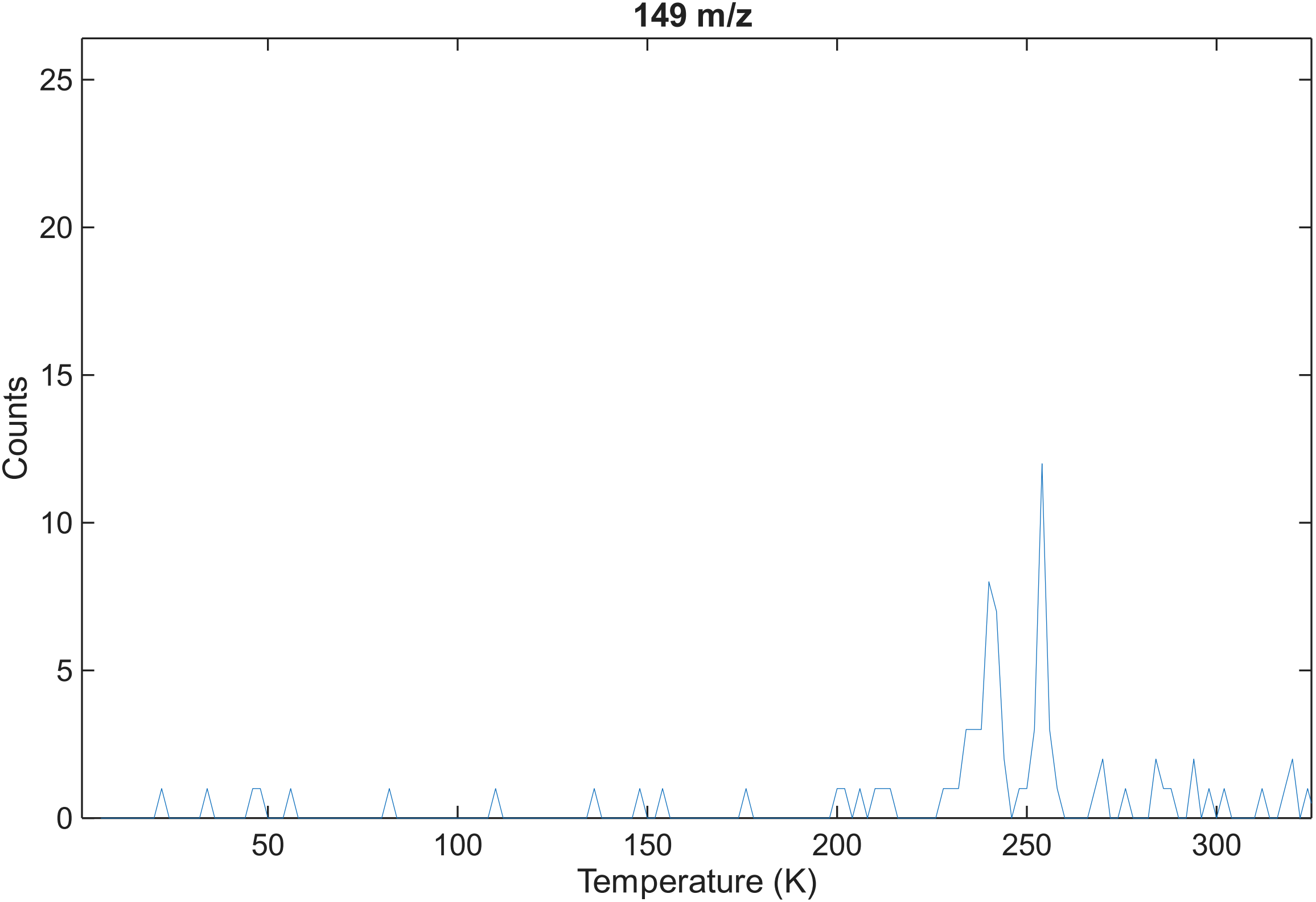
300
Temperature (K)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Counts
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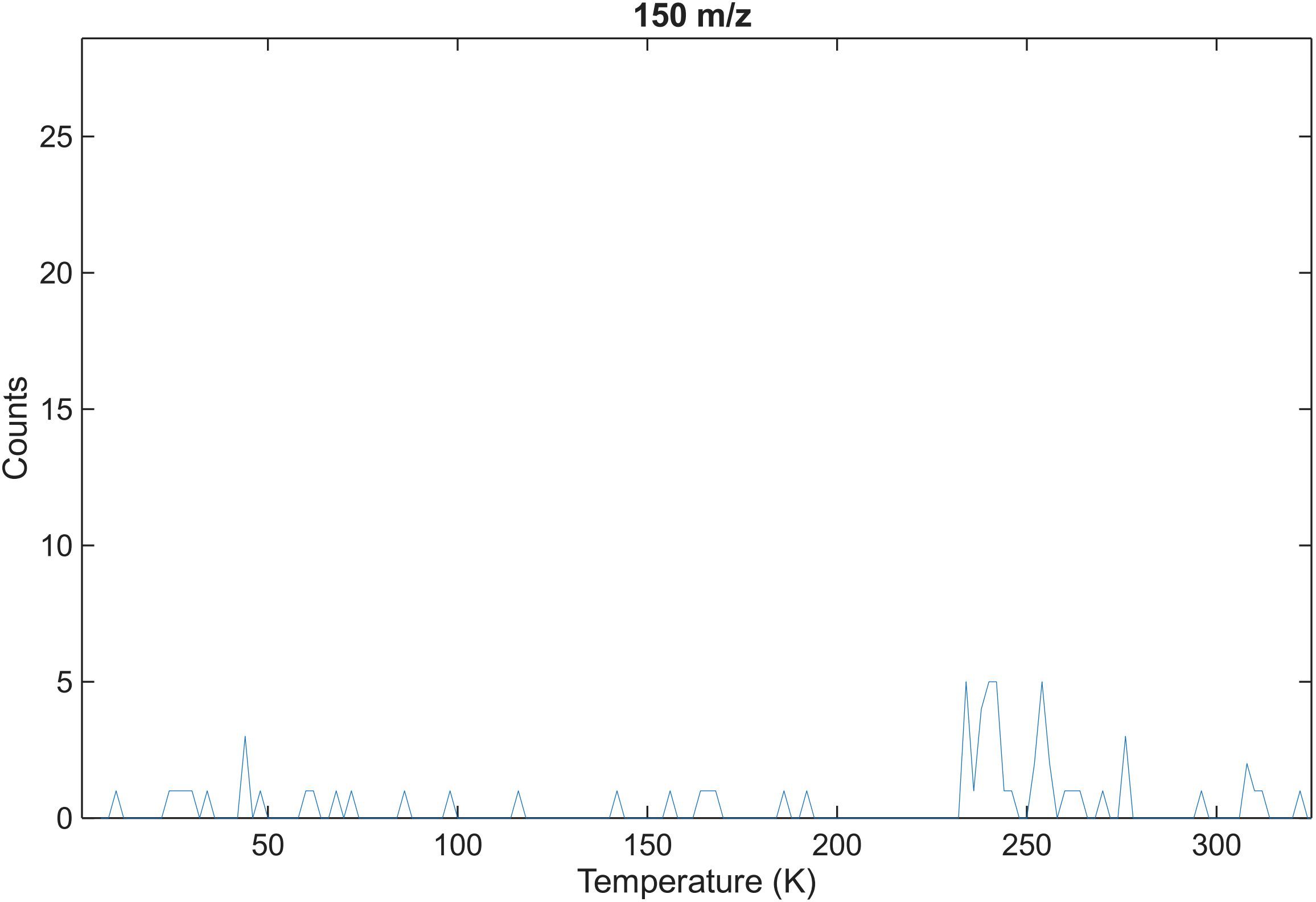
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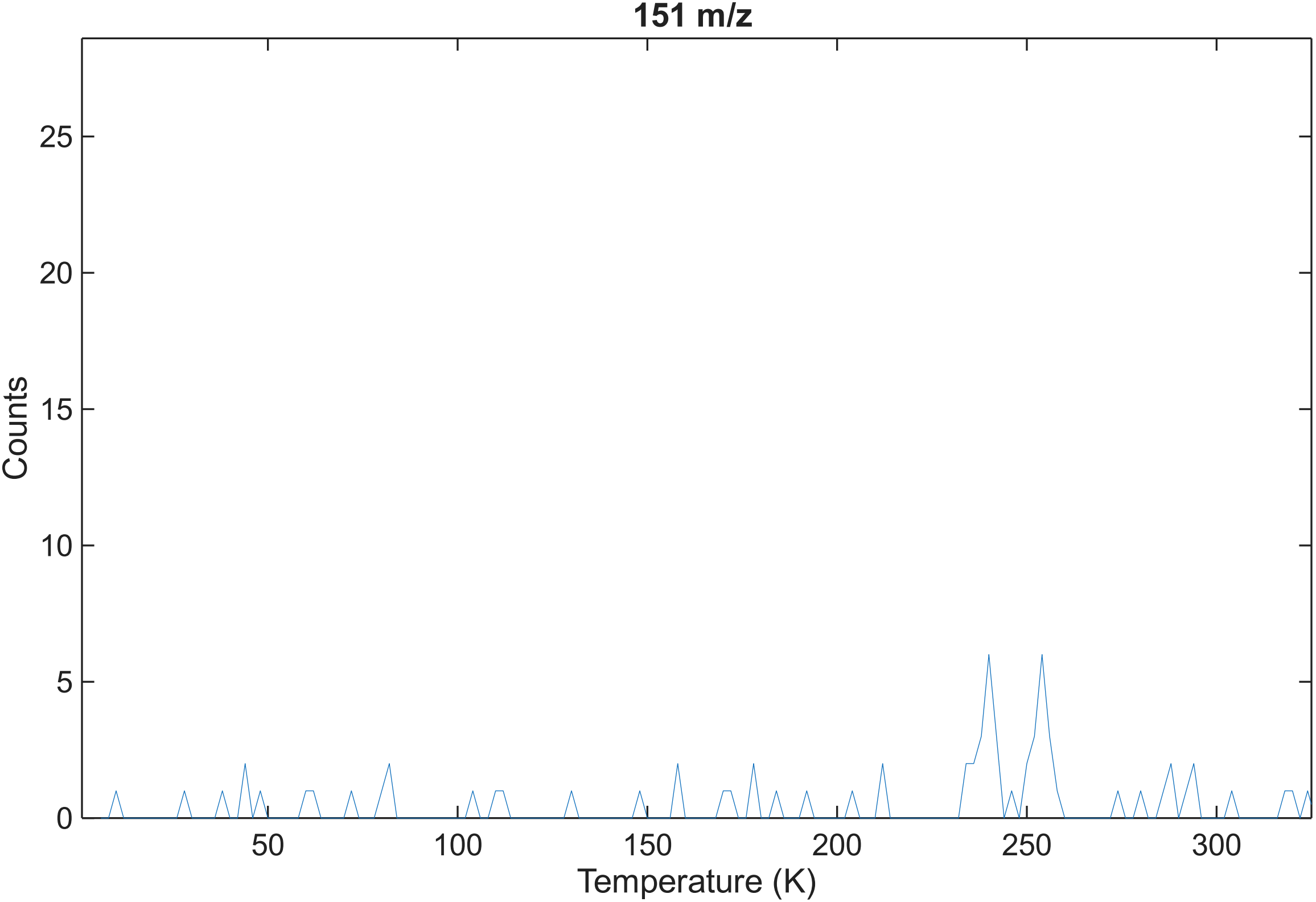
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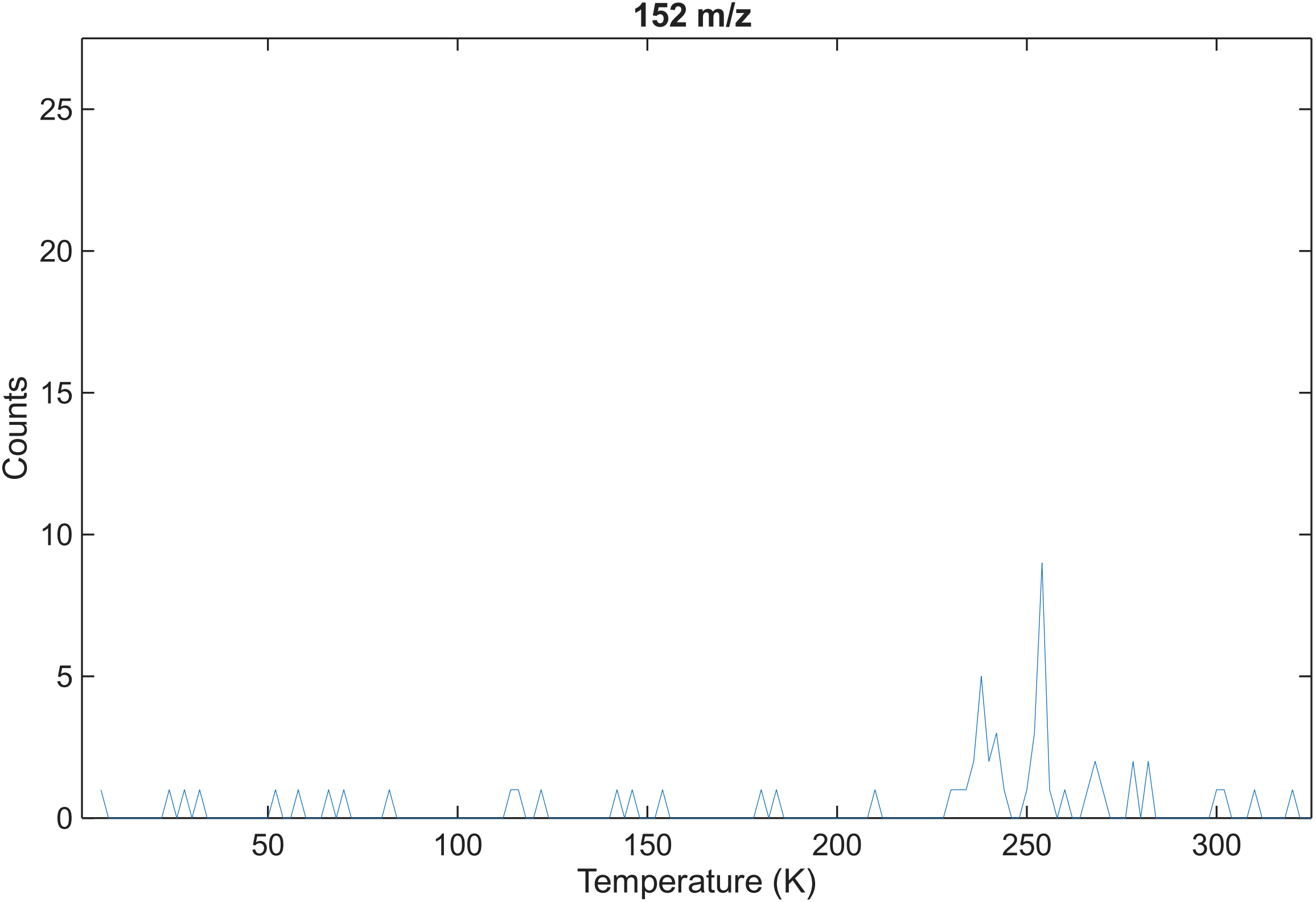
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Counts
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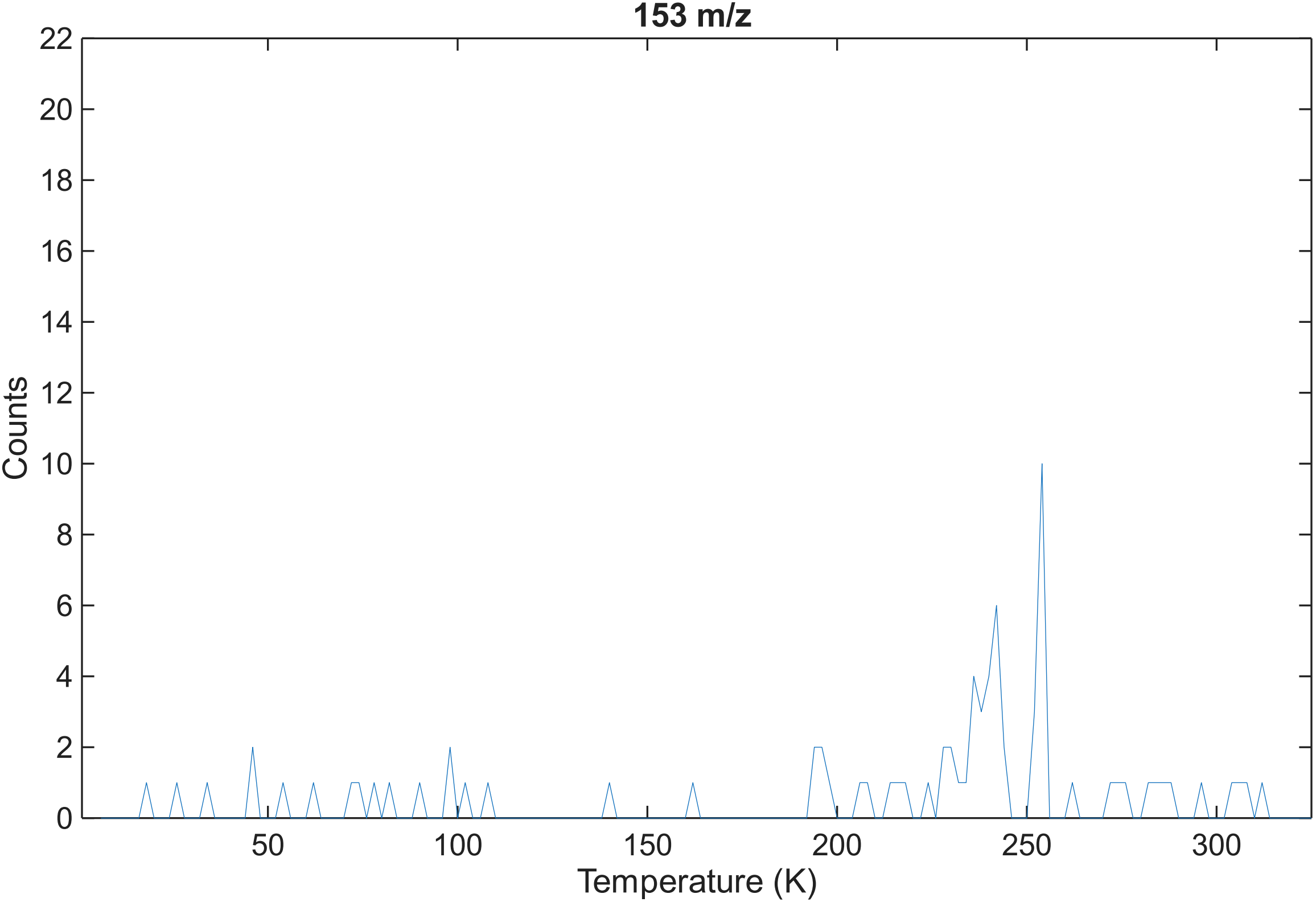
Temperature (K)


153 m/z
Counts
Temperature (K)
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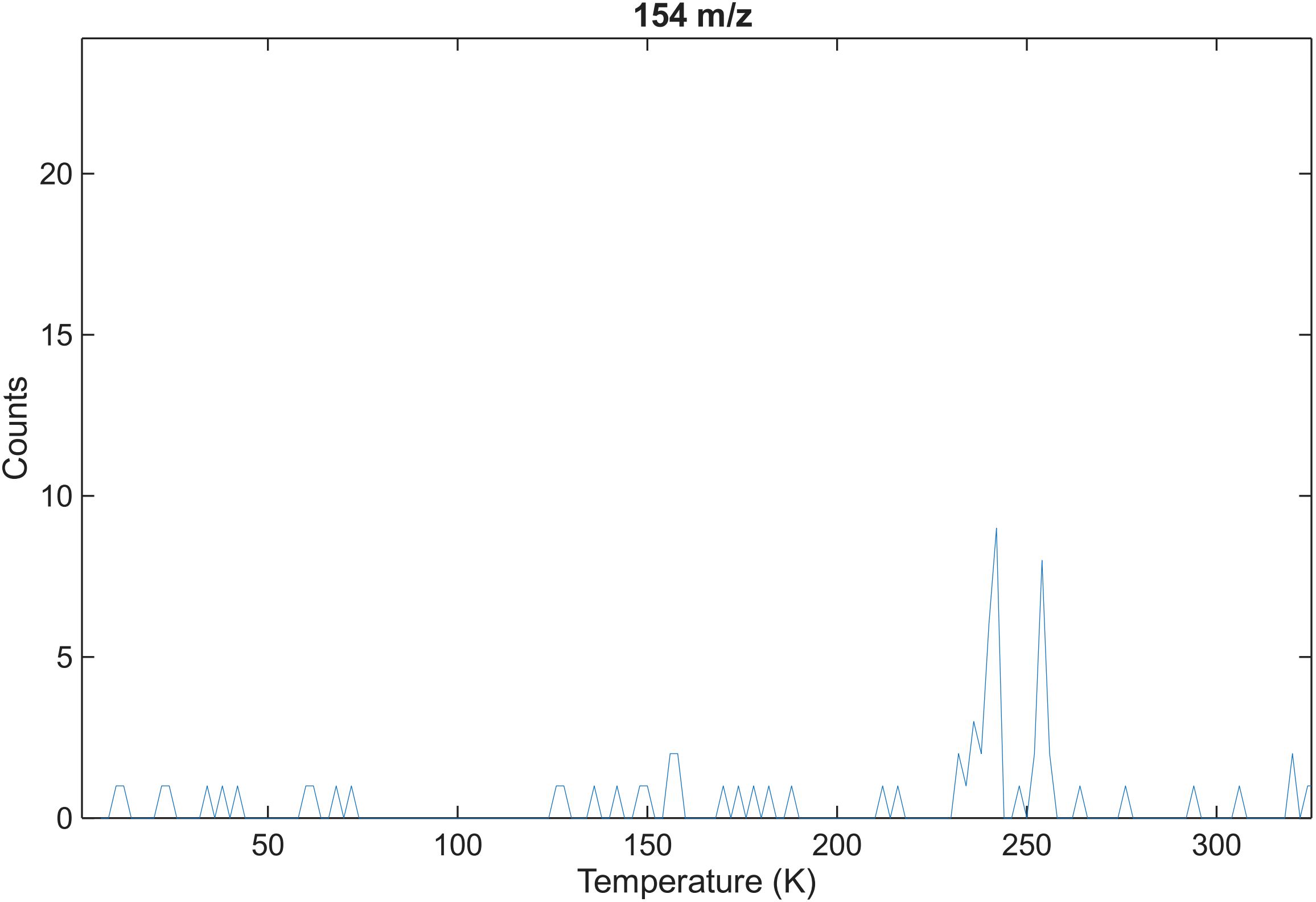
154 m/z
Counts
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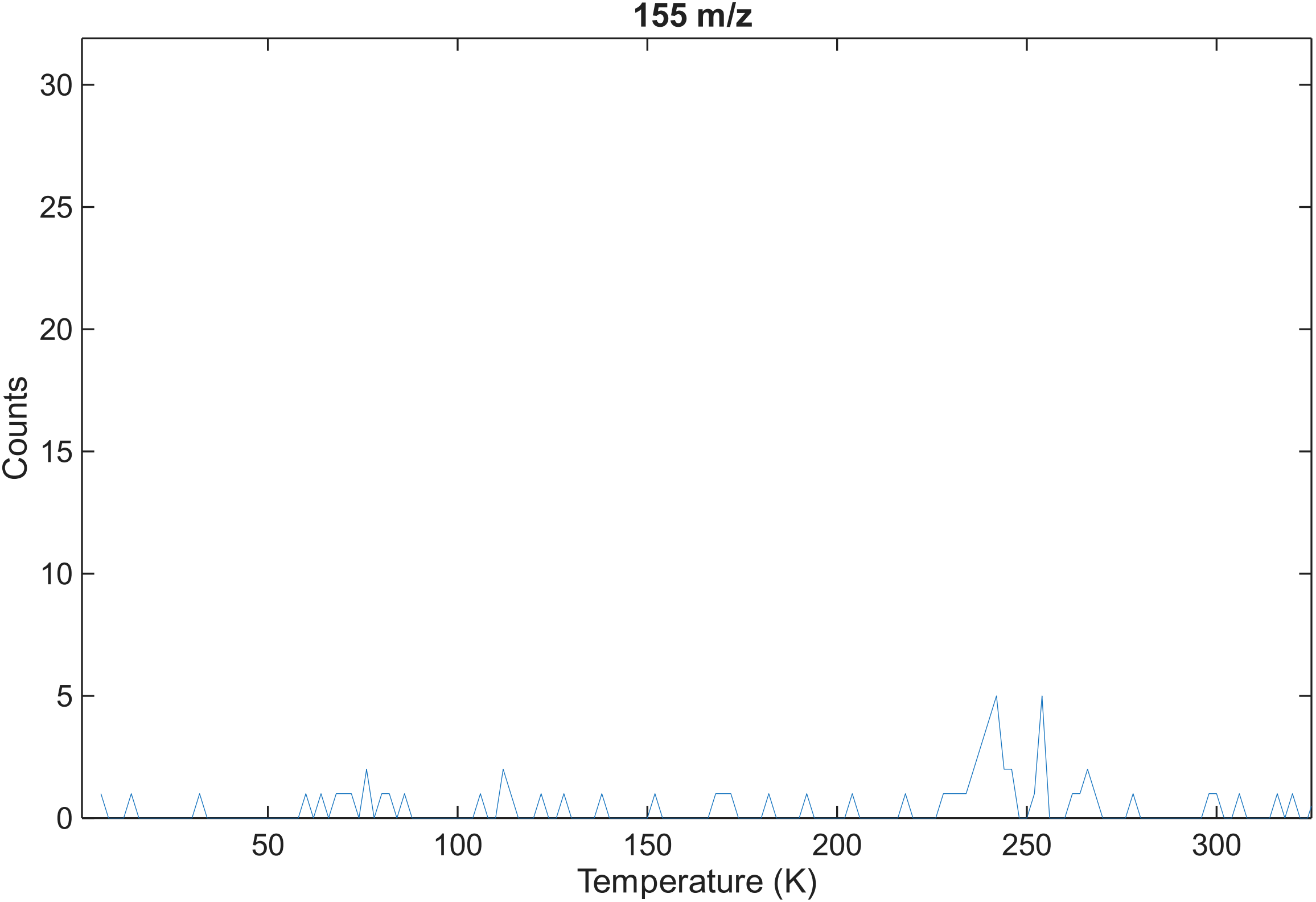
Temperature (K)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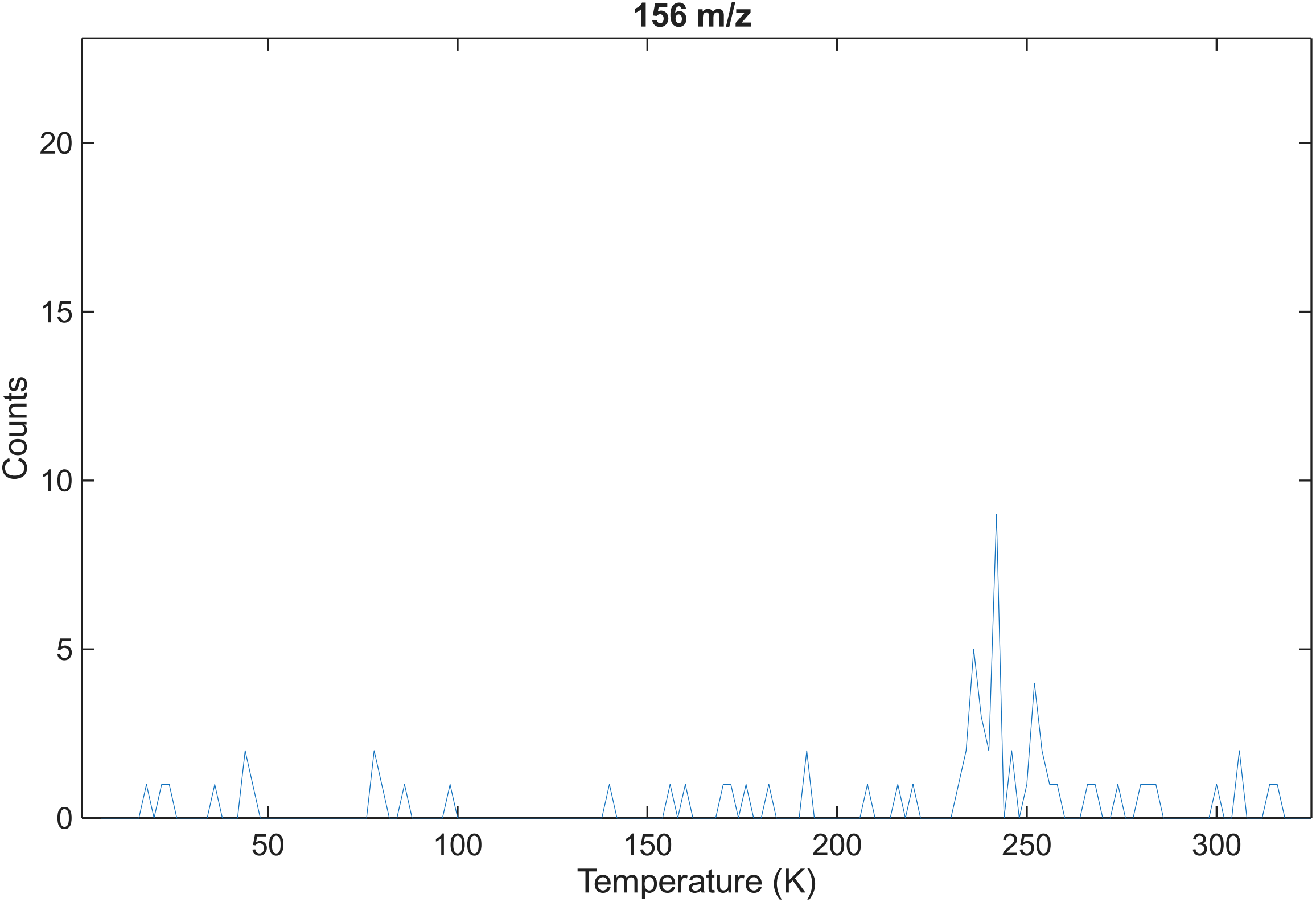
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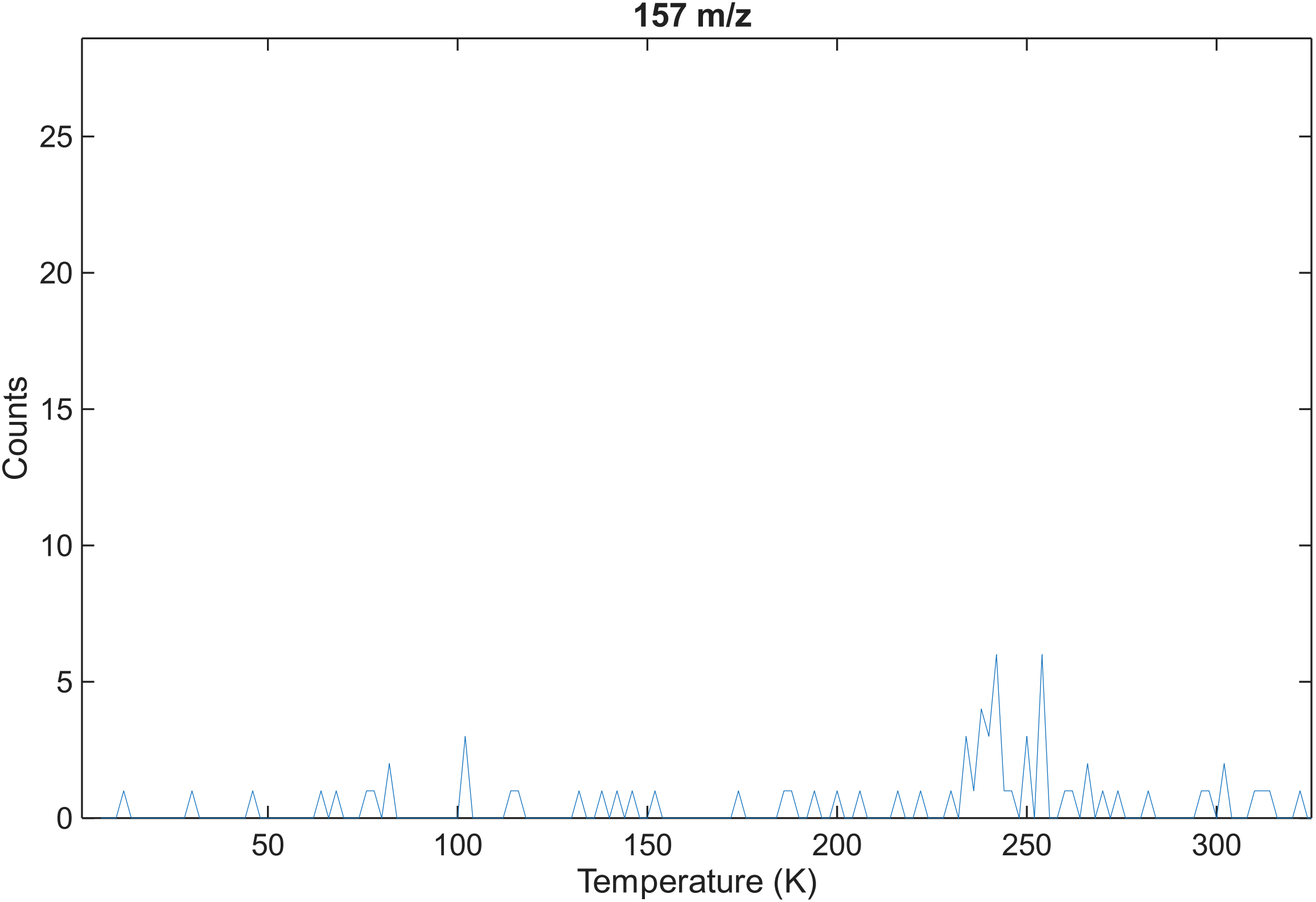
Temperature (K)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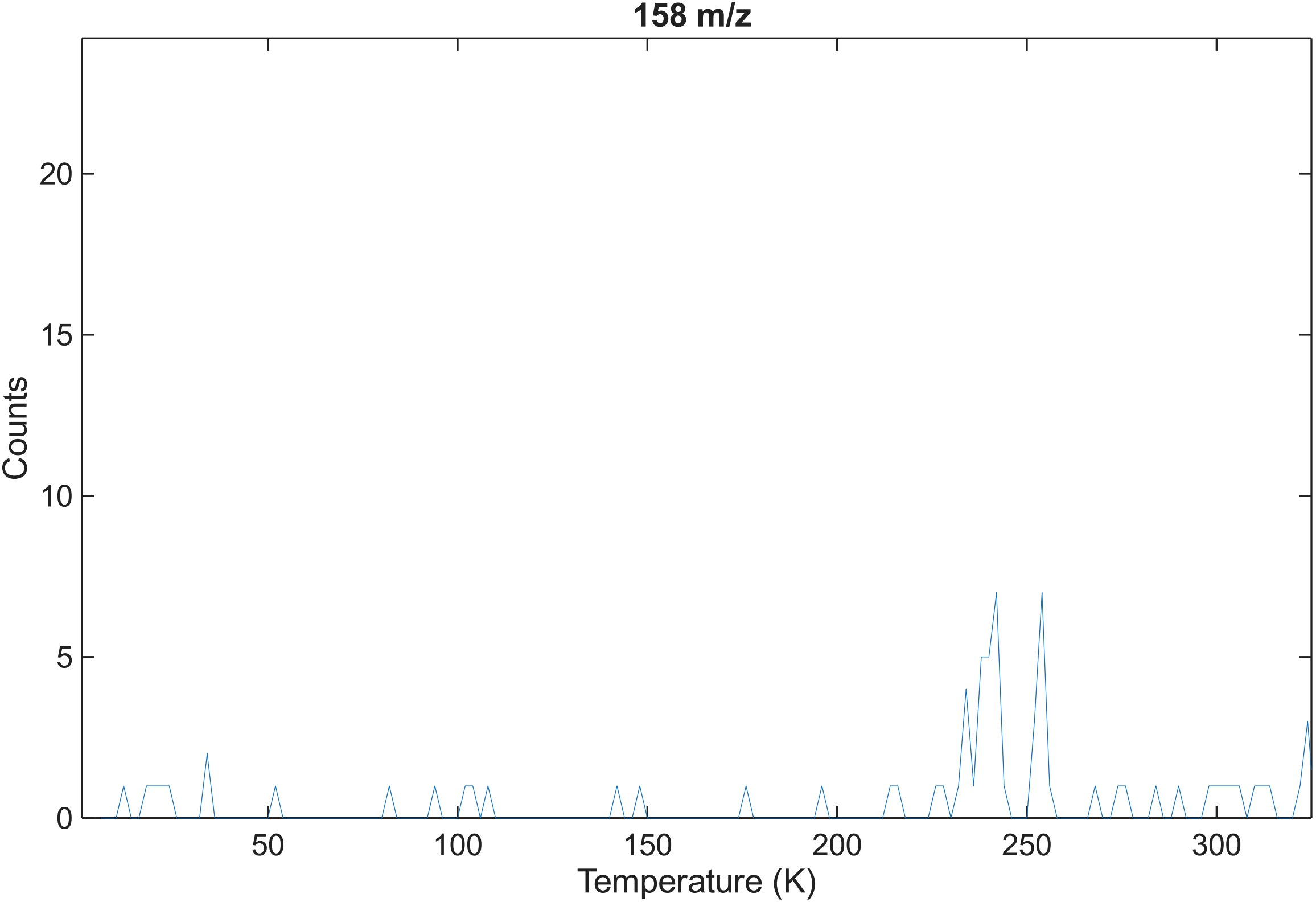
158 m/z
Counts
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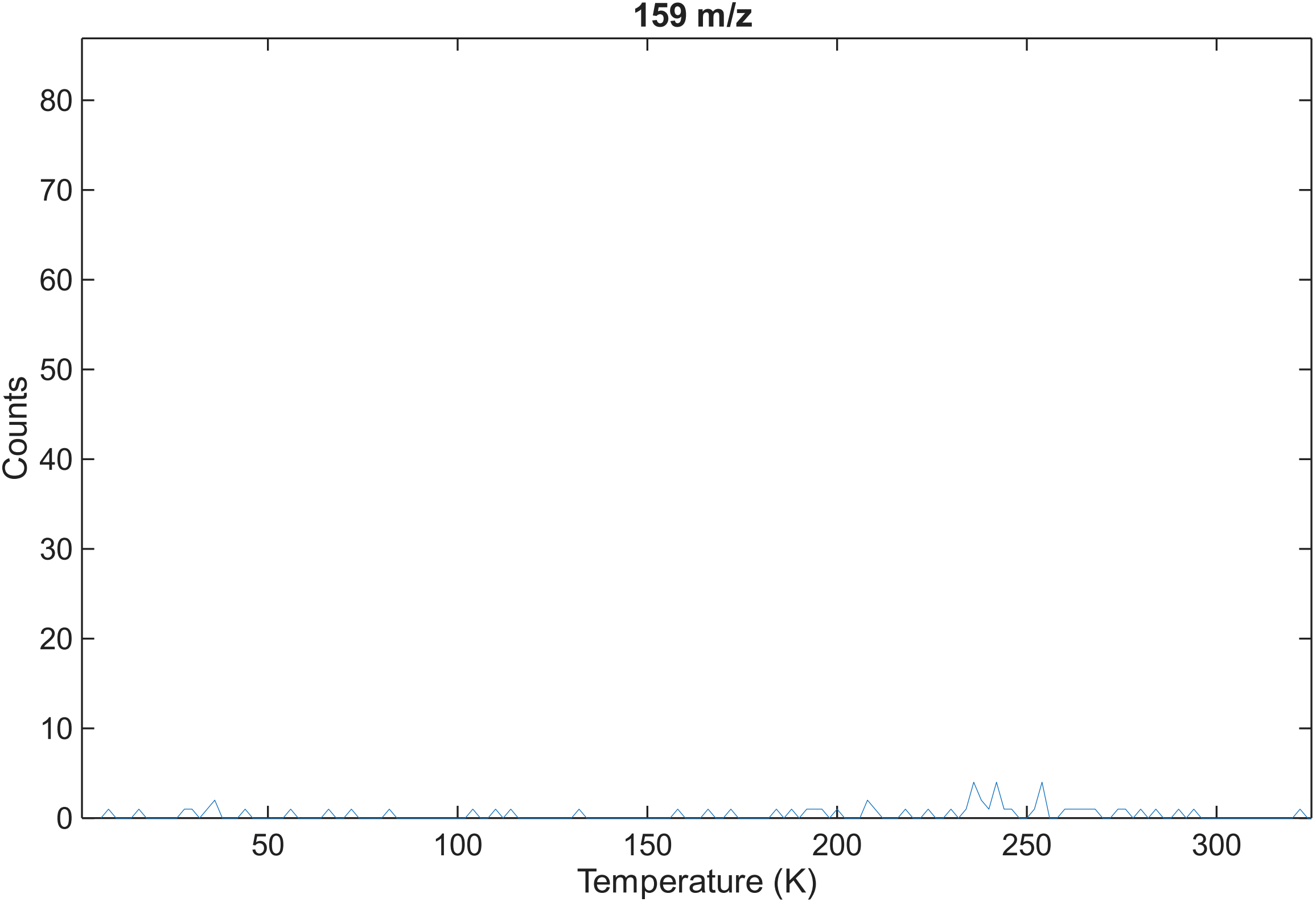
Temperature (K)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Counts
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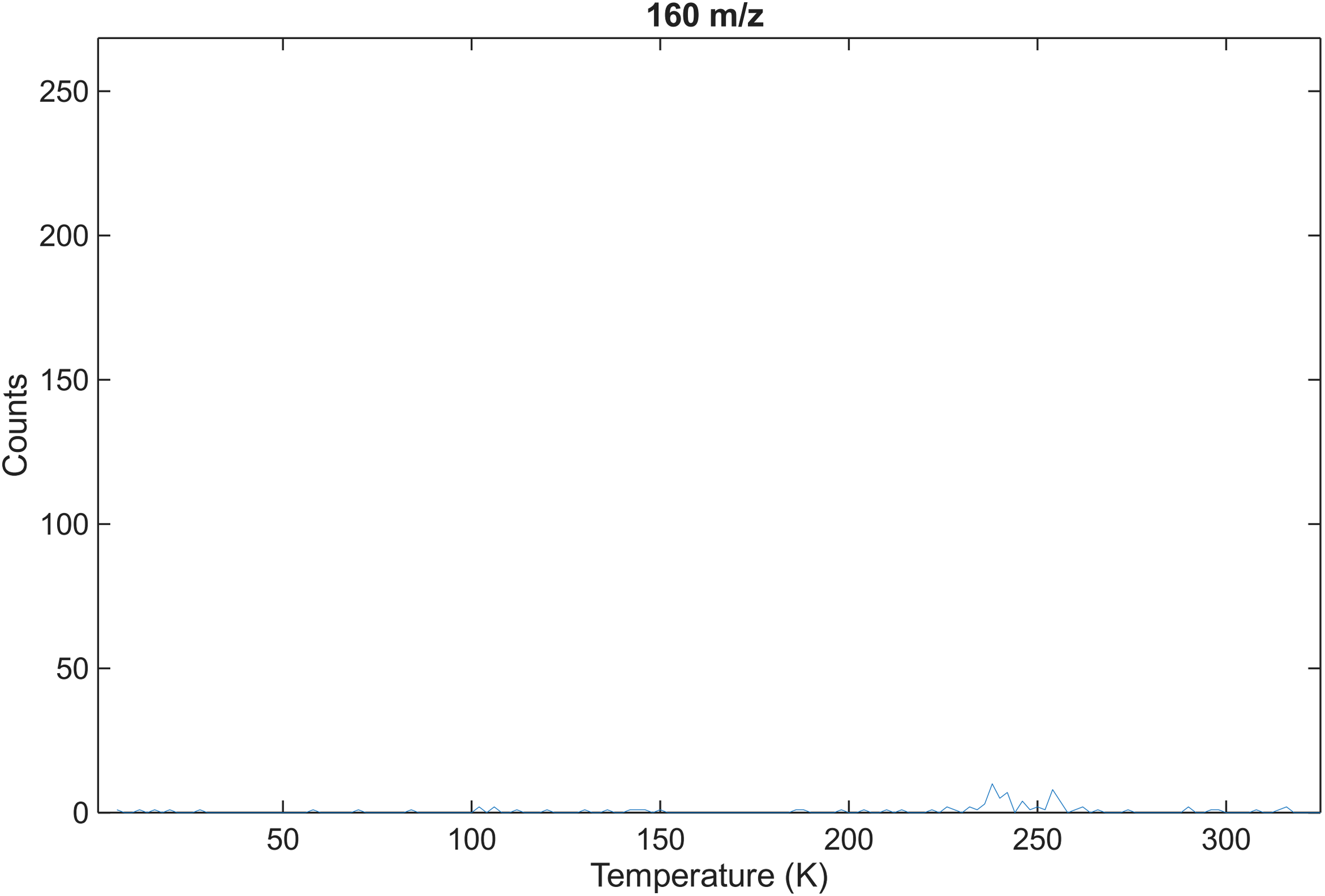
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Counts
Temperature (K)
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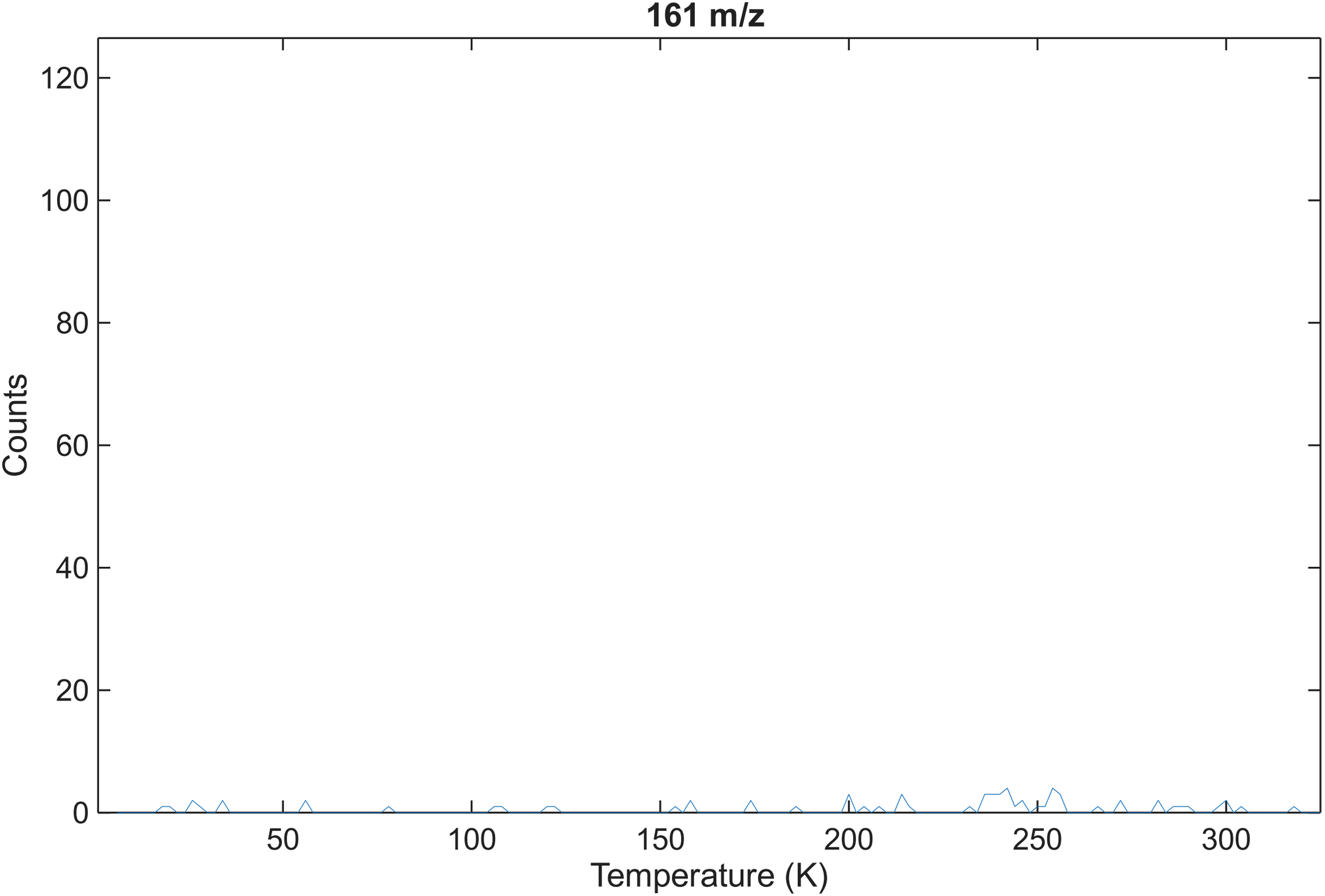
161 m/z
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Counts
50
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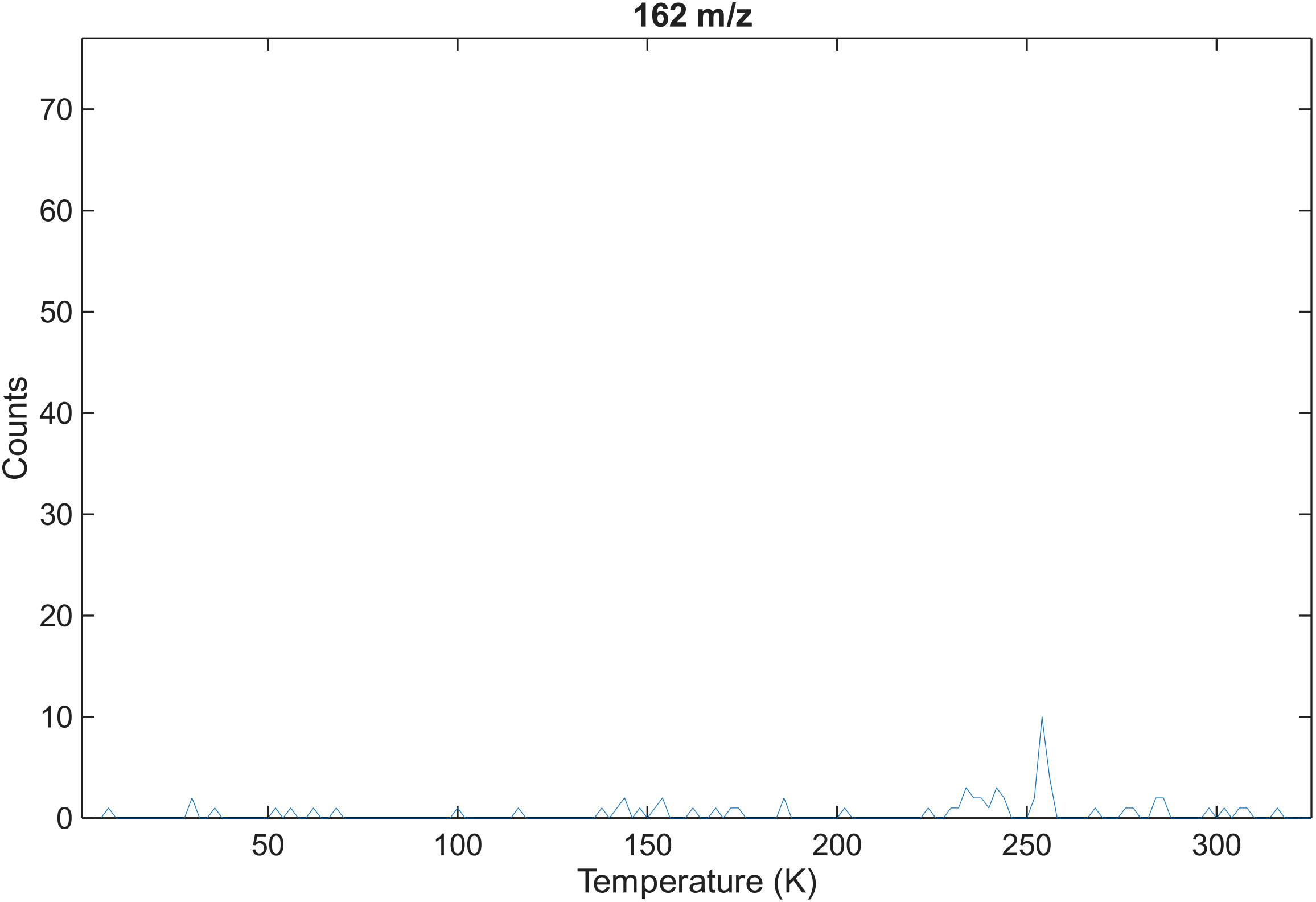
300
Temperature (K)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Counts
Temperature (K)
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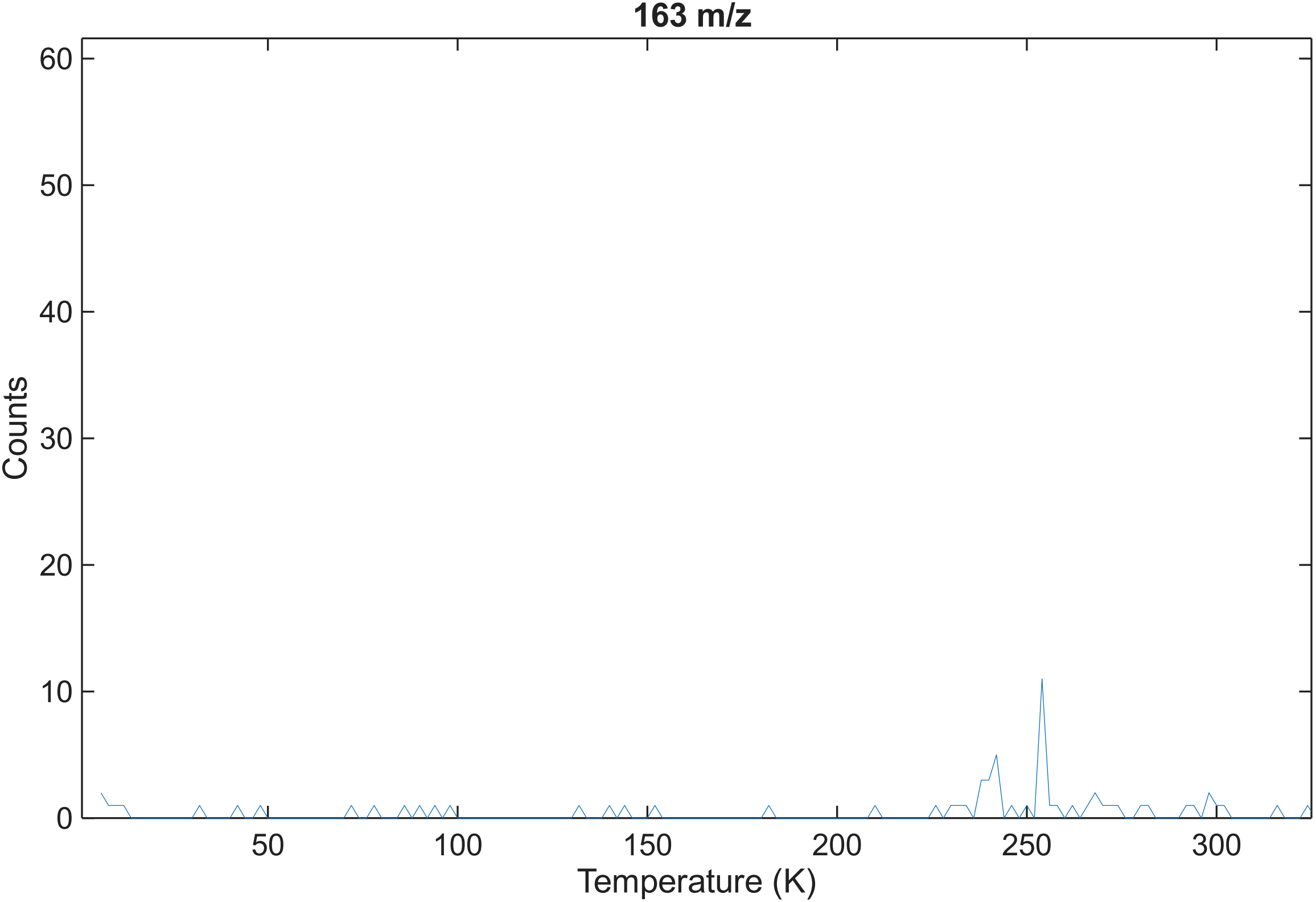
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Counts
Temperature (K)
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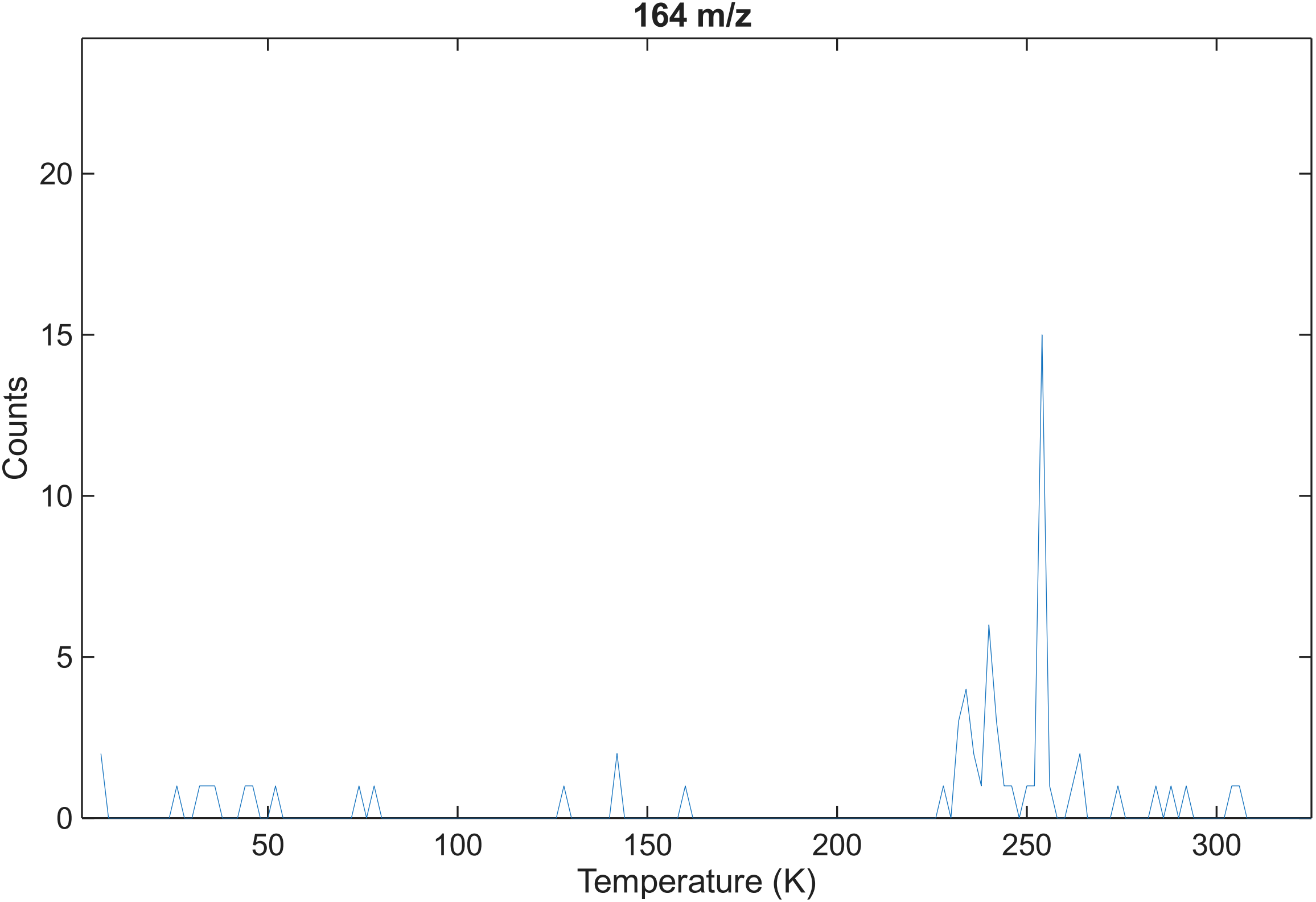
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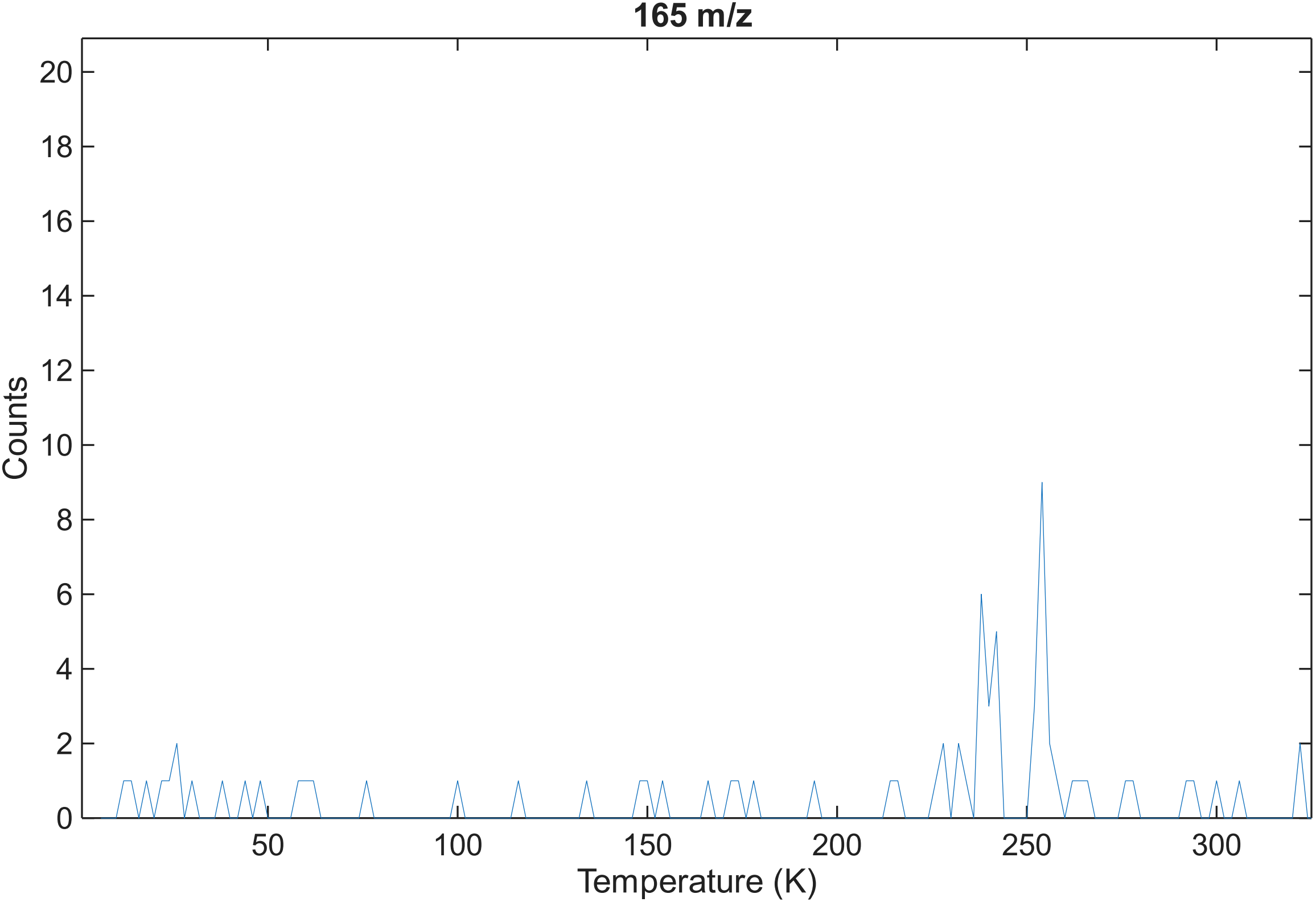
Temperature (K)


165 m/z
Counts
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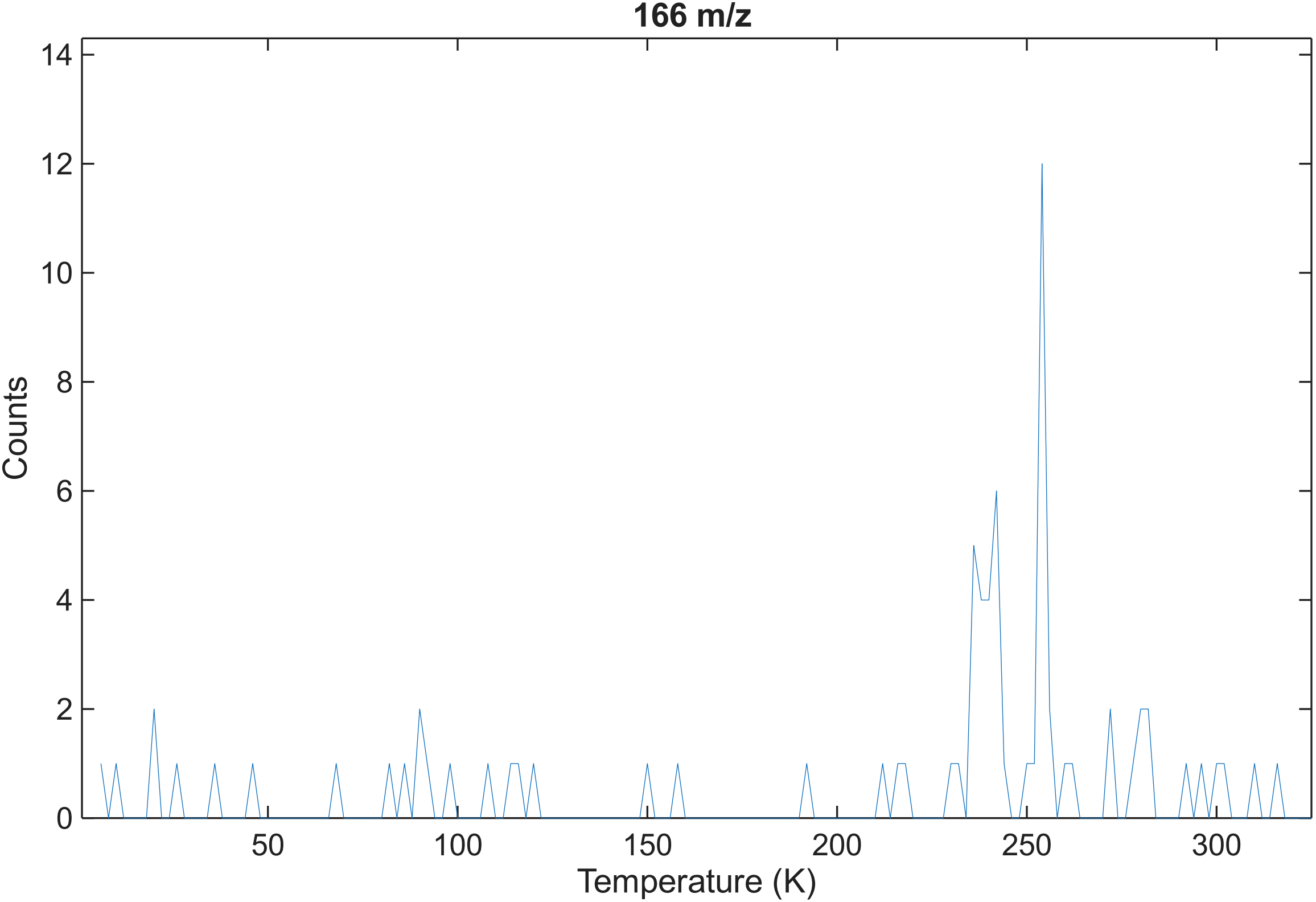
166 m/z
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Temperature (K)
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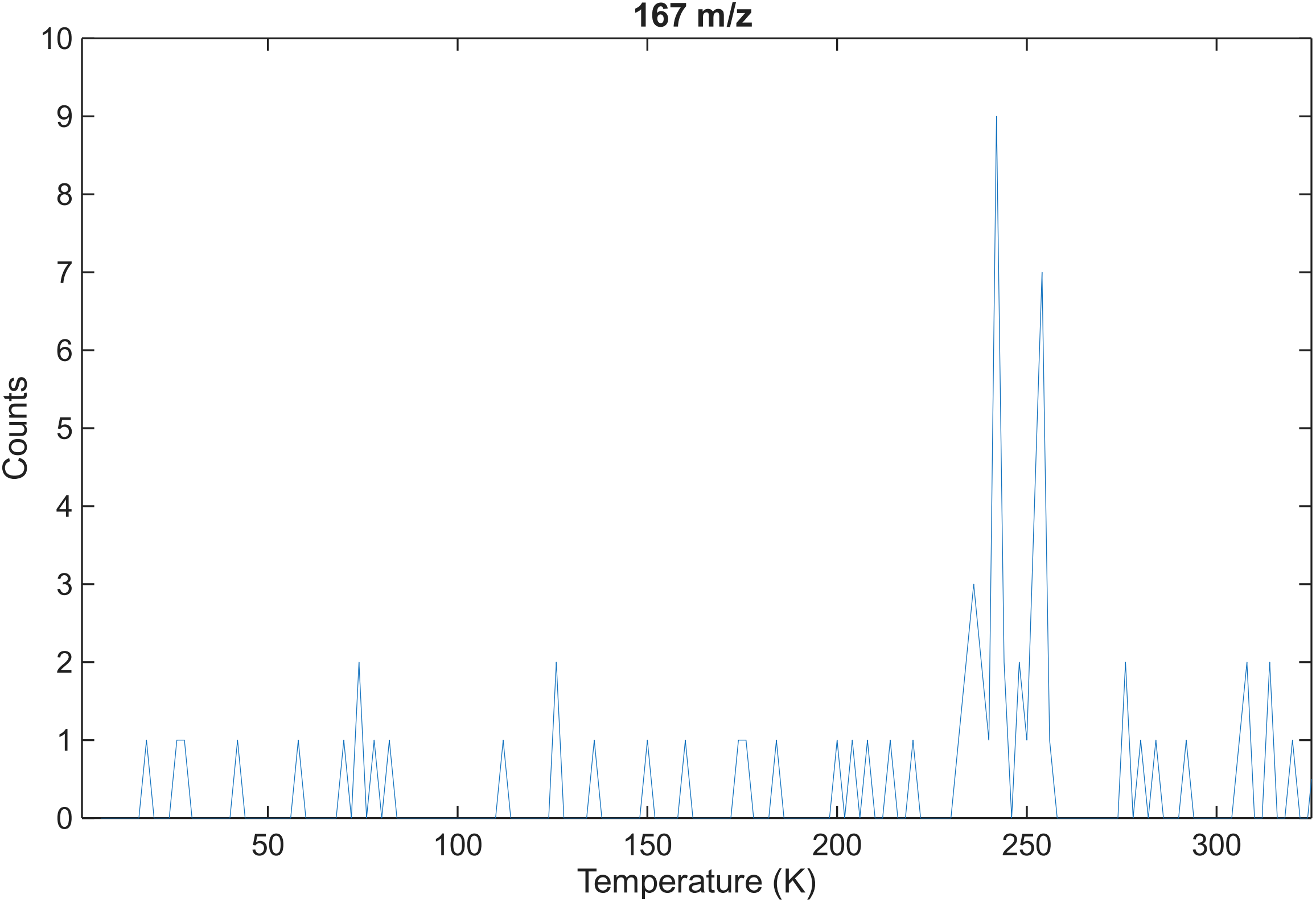
167 m/z
Counts
Temperature (K)
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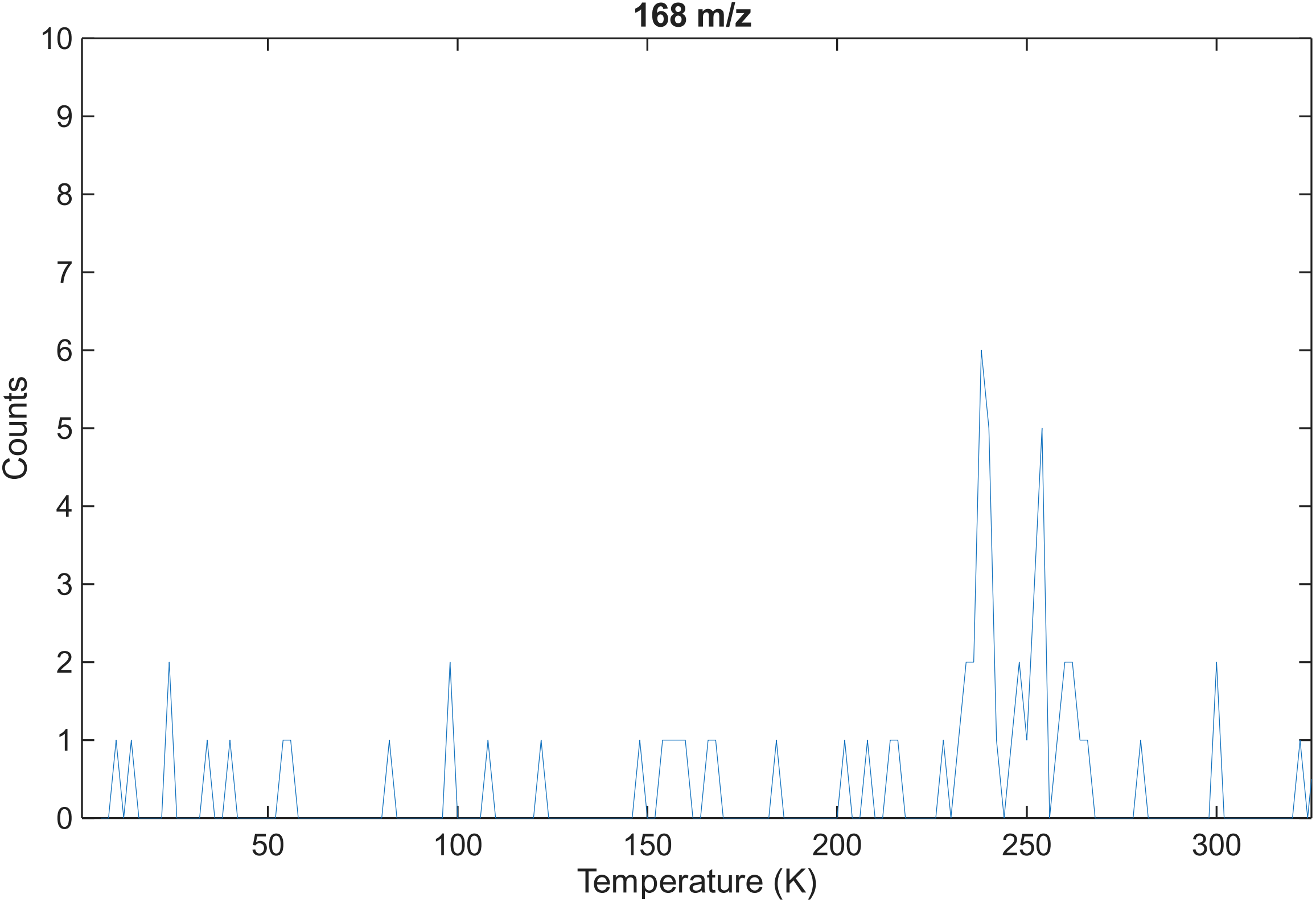
168 m/z
Counts
Temperature (K)
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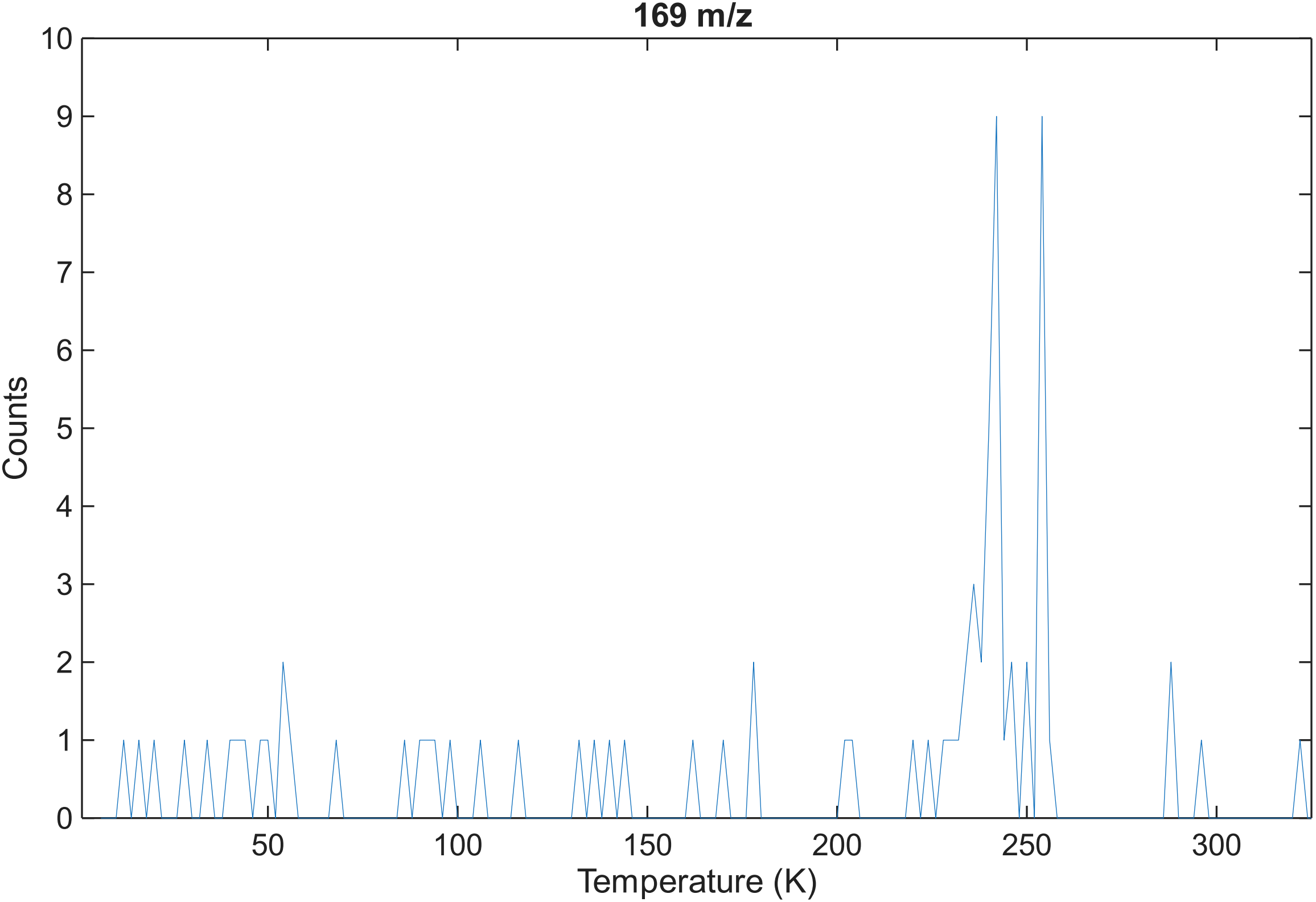
169 m/z
Counts
Temperature (K)
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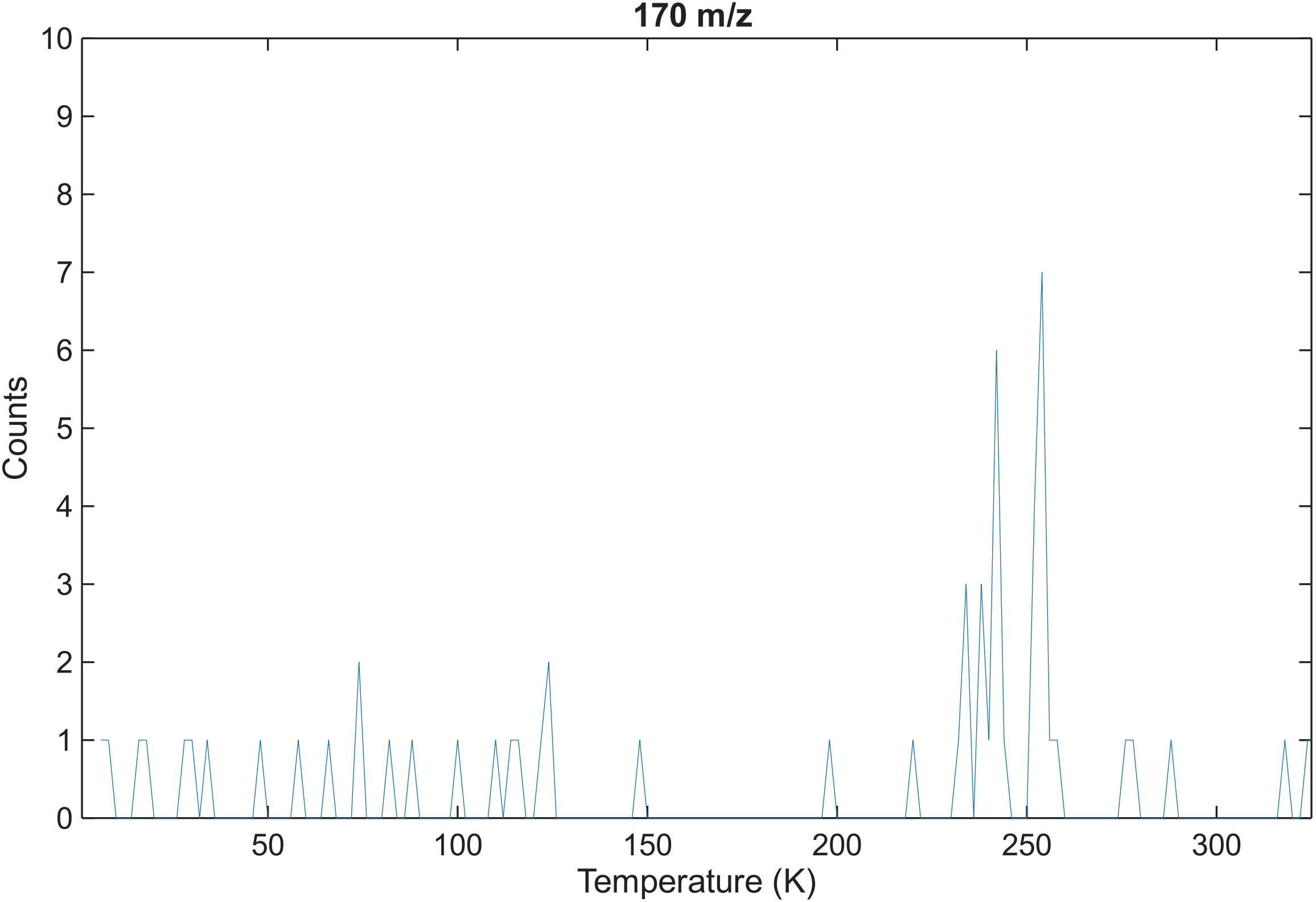
170 m/z
Counts
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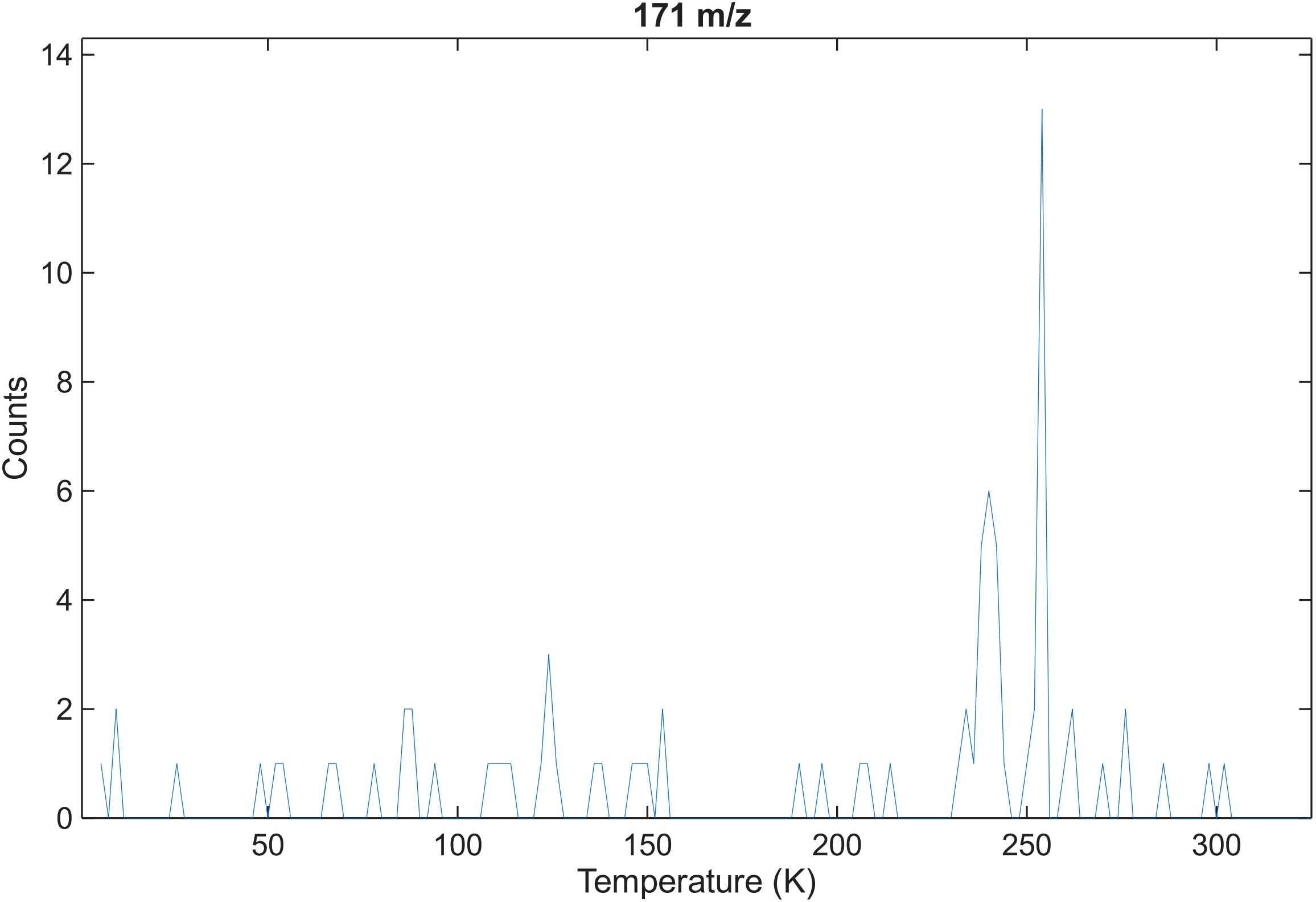
171 m/z
Counts
Temperature (K)
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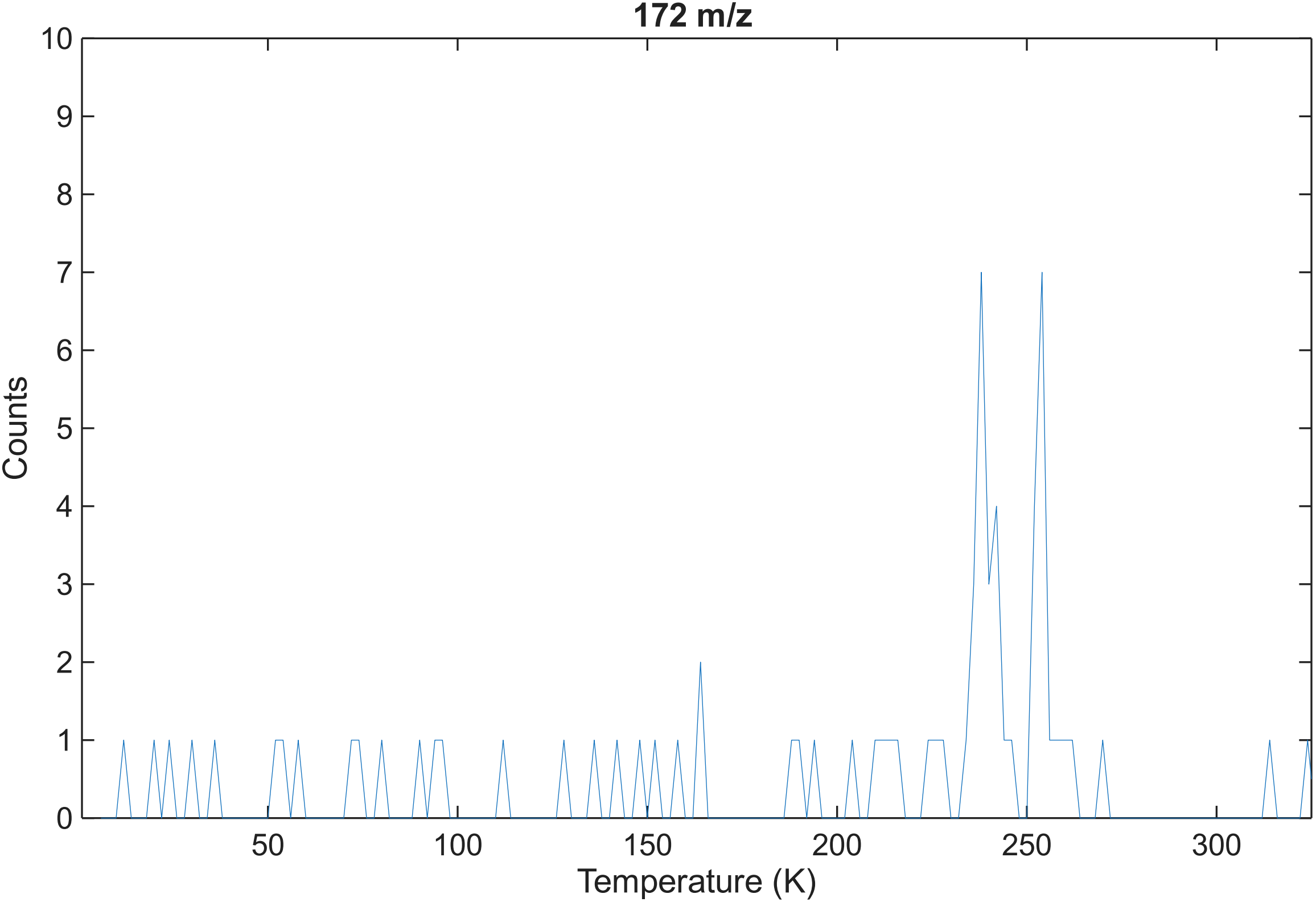
172 m/z
Counts
Temperature (K)
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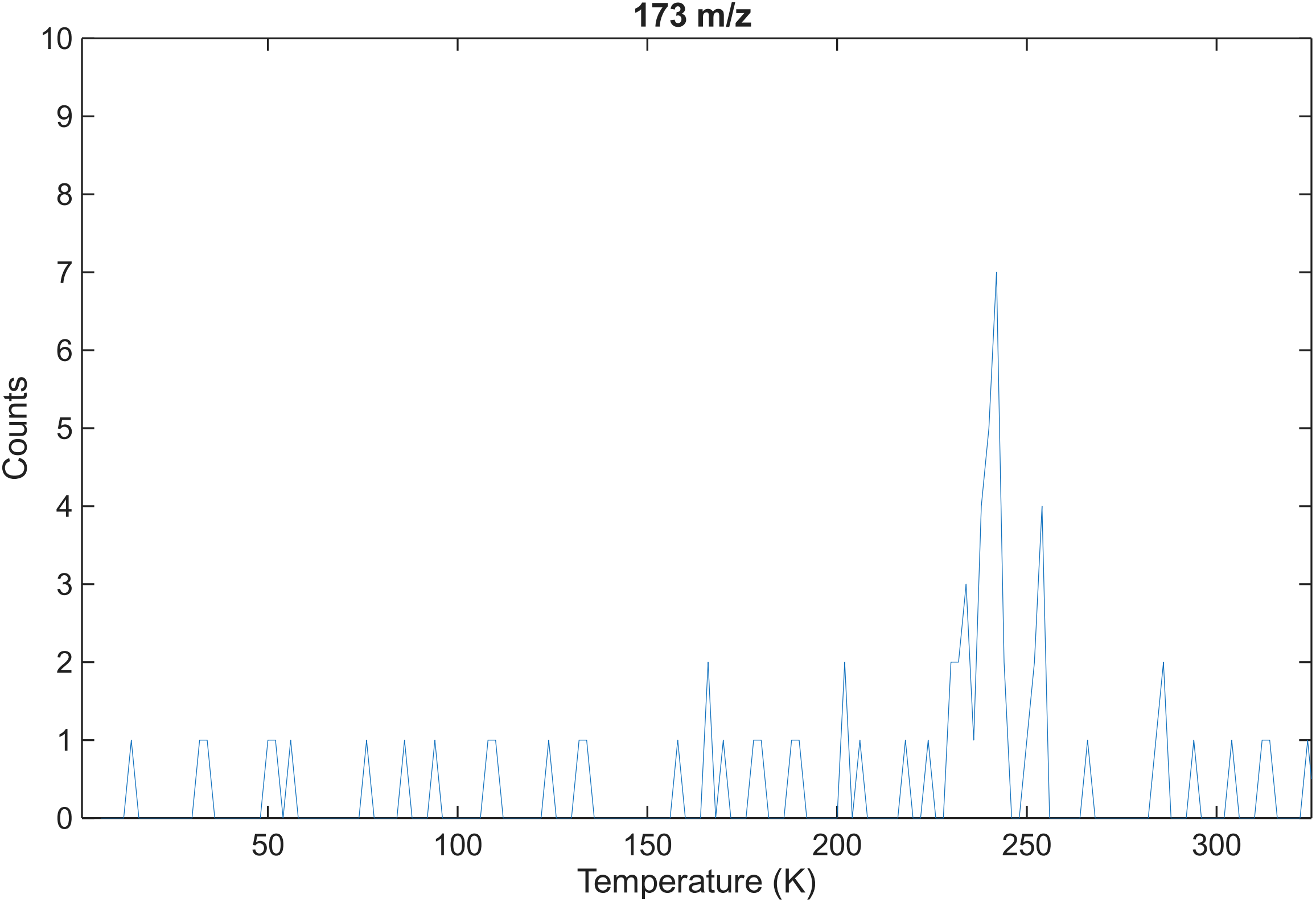
173 m/z
Counts
Temperature (K)
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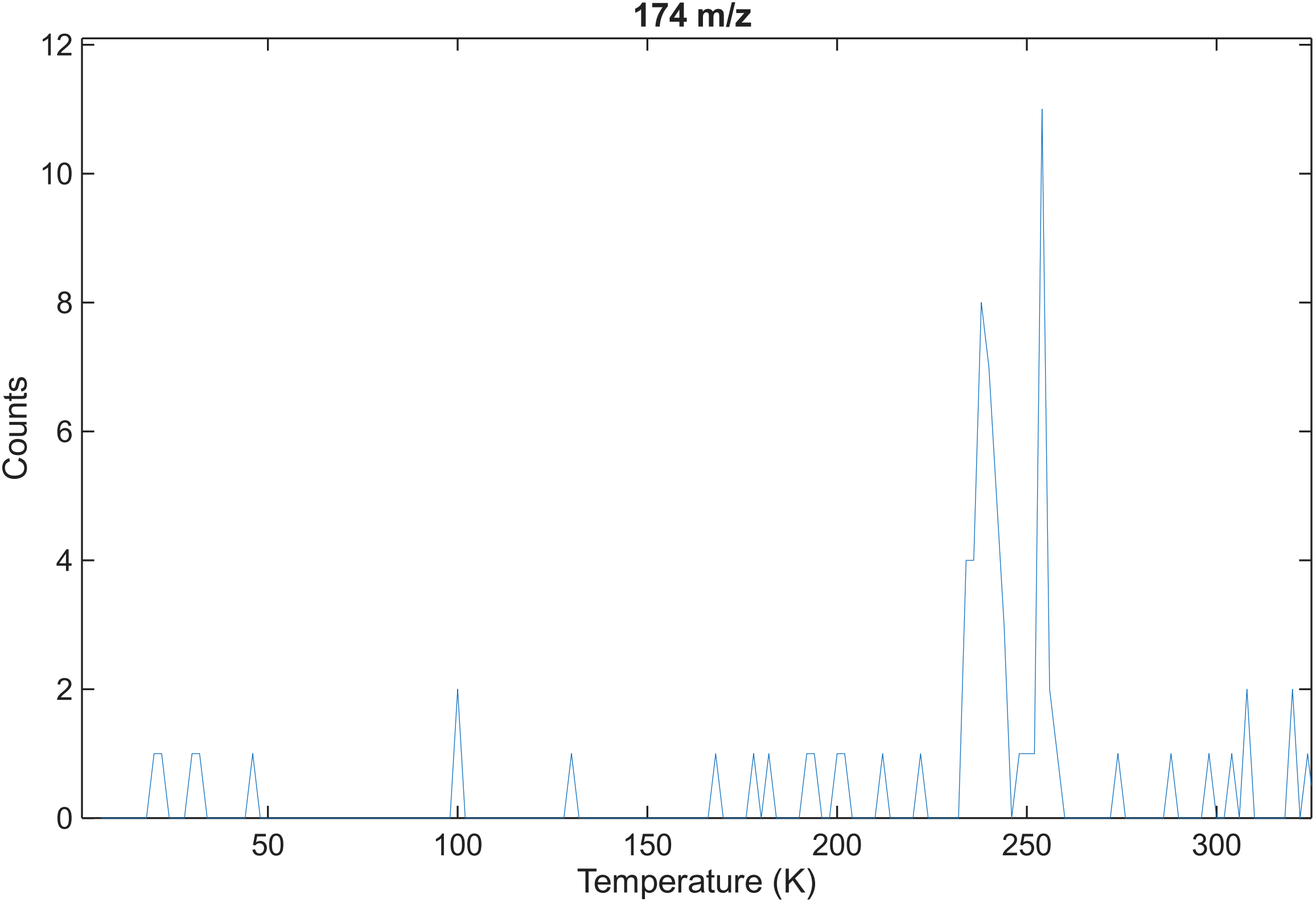
174 m/z
Counts
Temperature (K)
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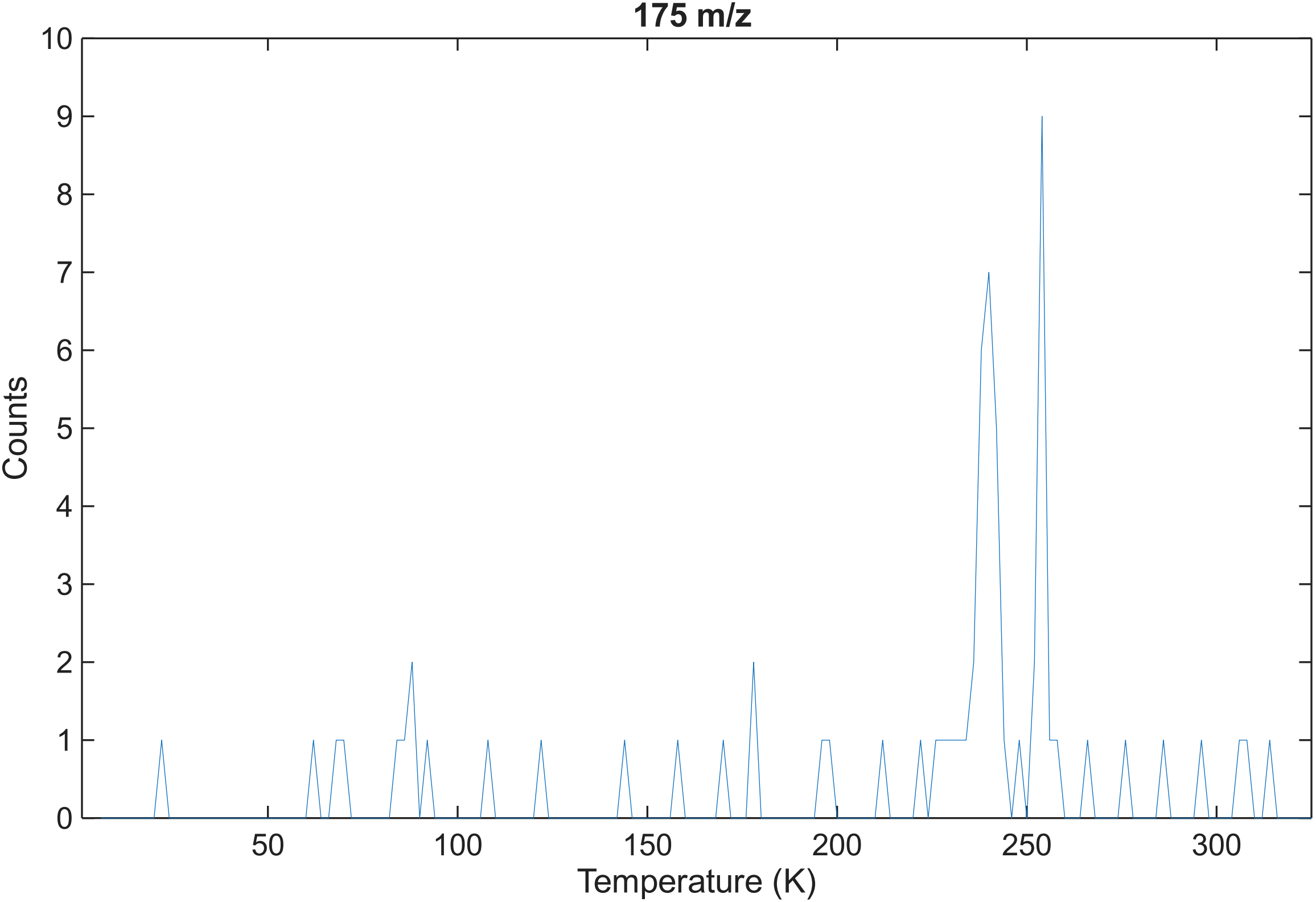
175 m/z
Counts
Temperature (K)
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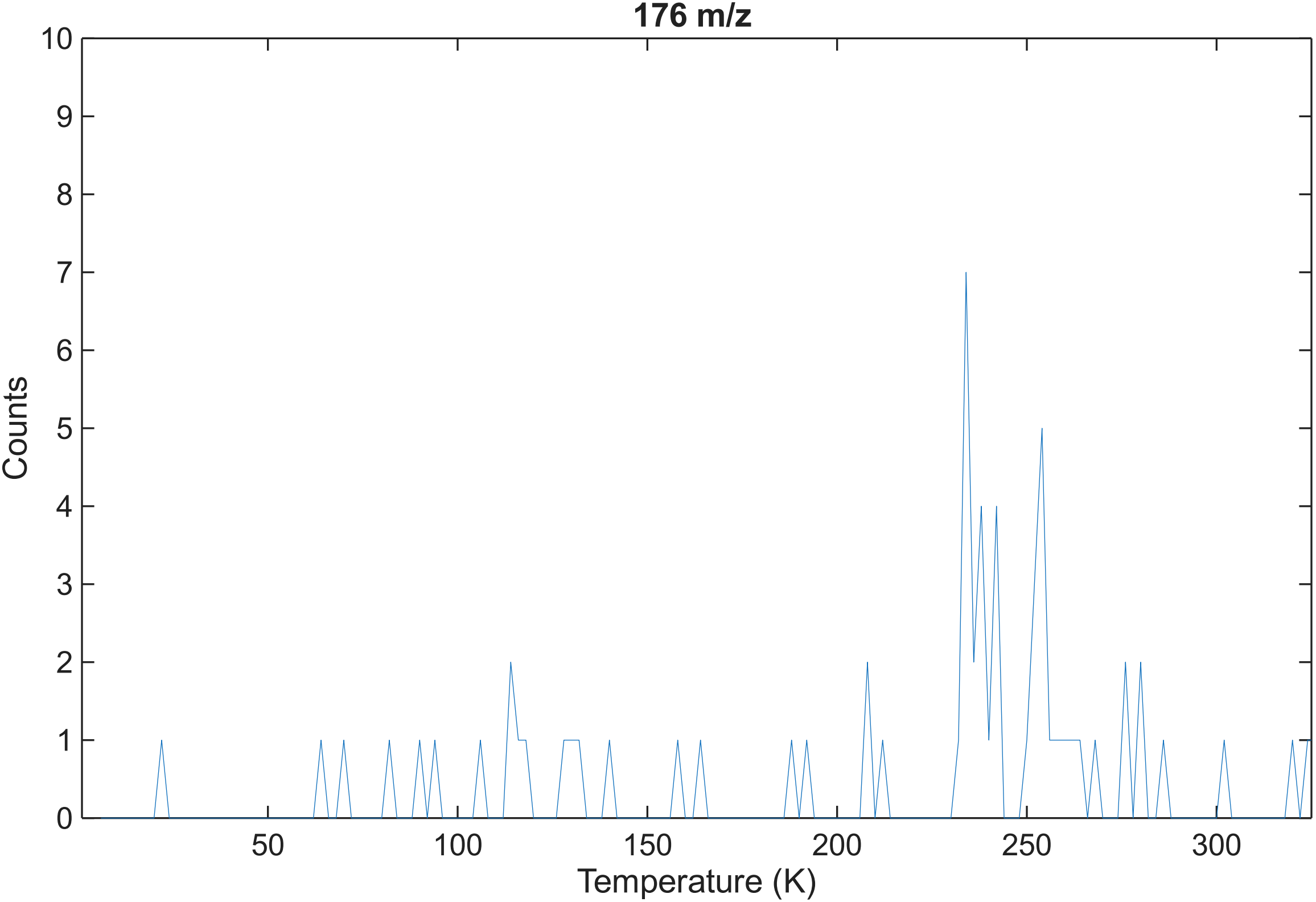
176 m/z
Counts
Temperature (K)
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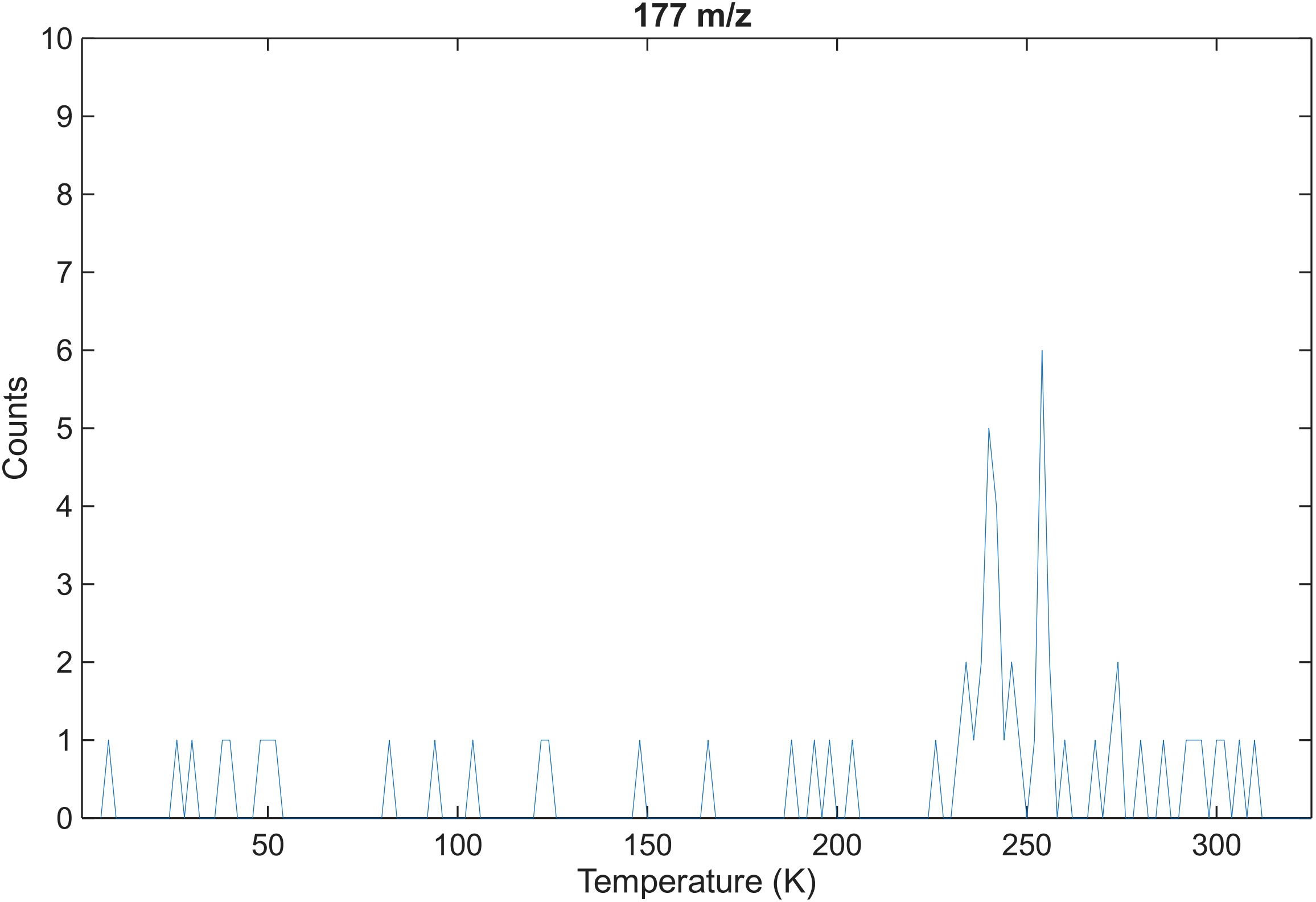
177 m/z
Counts
Temperature (K)
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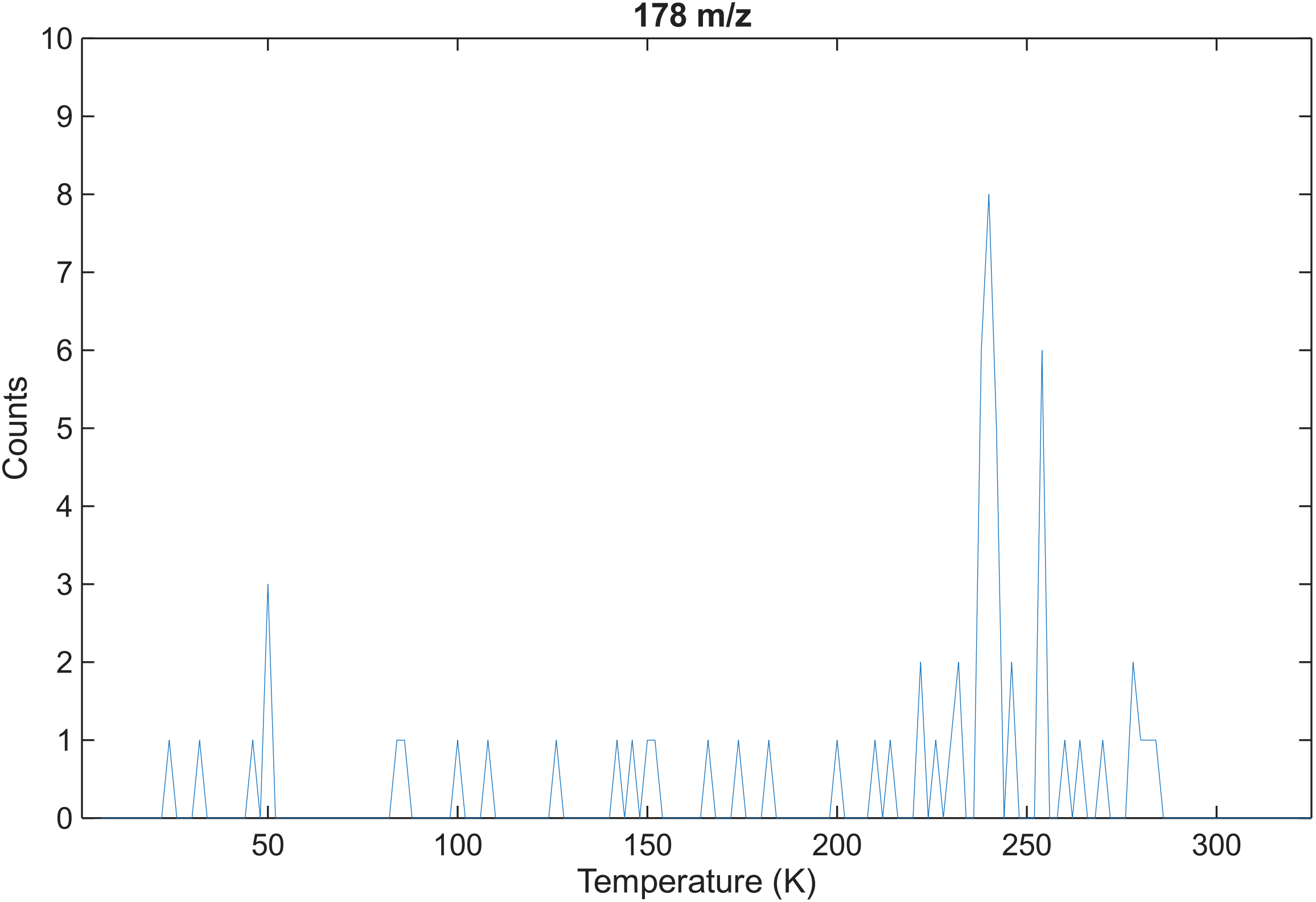
178 m/z
Counts
Temperature (K)
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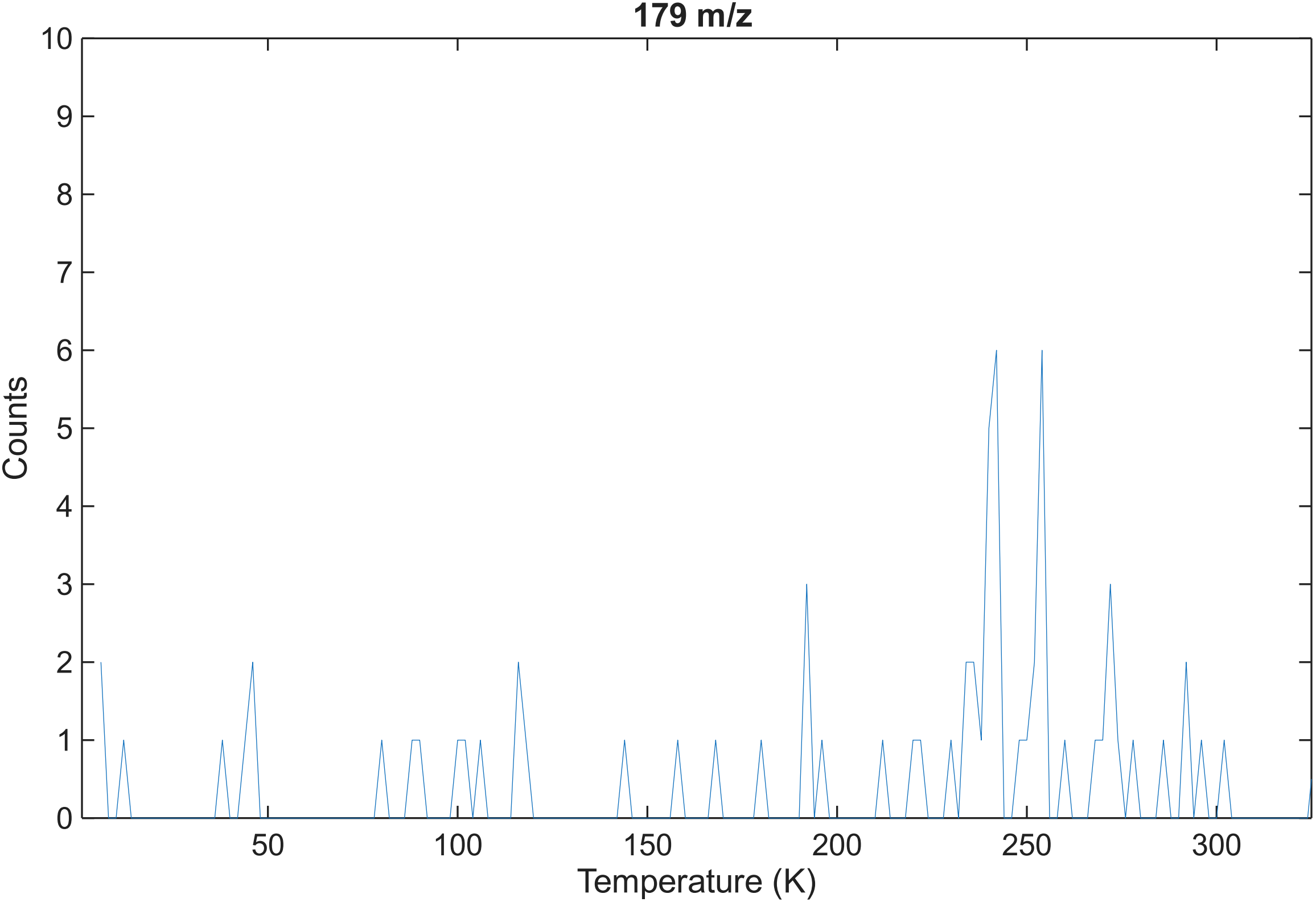
179 m/z
Counts
Temperature (K)
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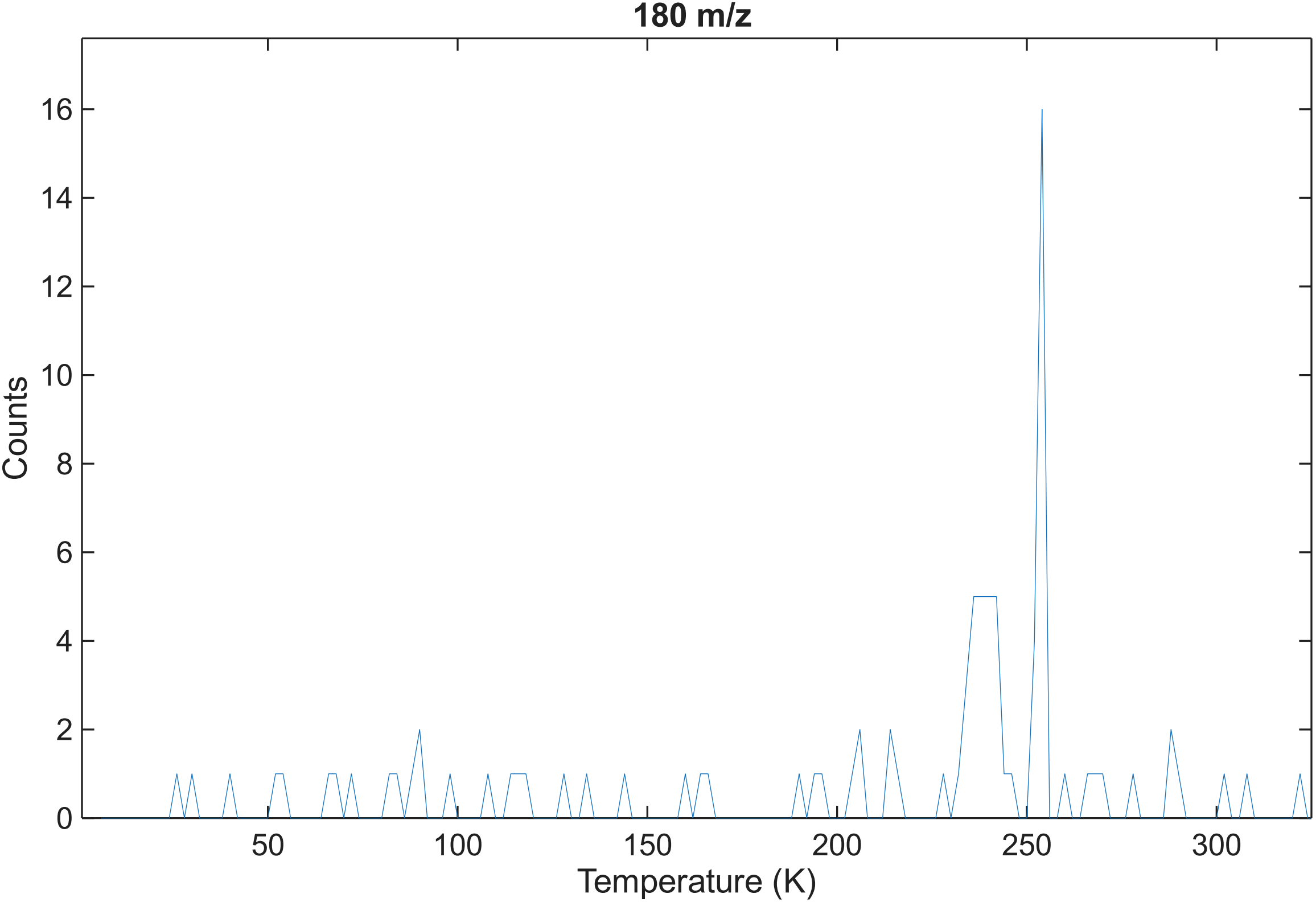
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Counts
Temperature (K)
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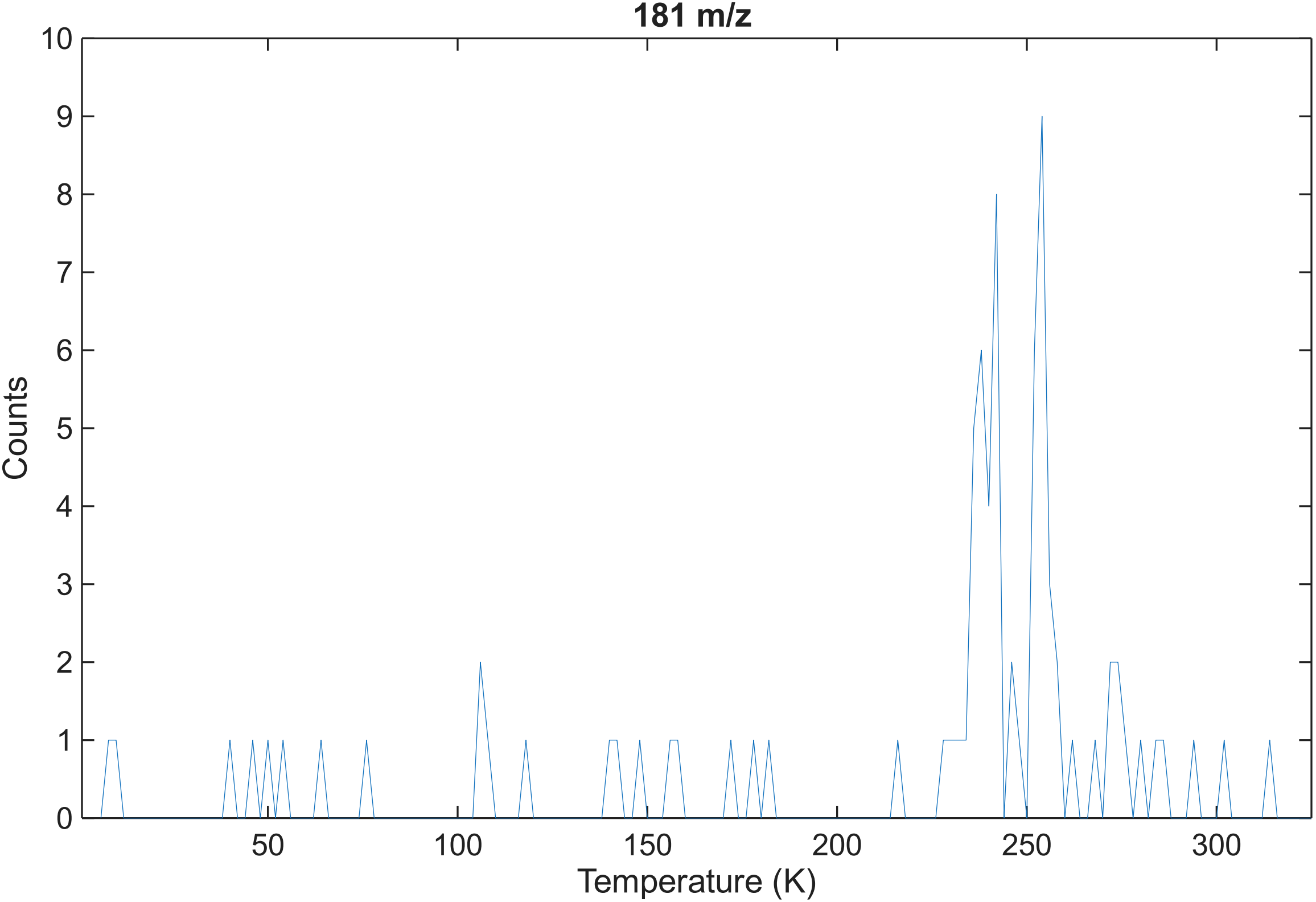
181 m/z
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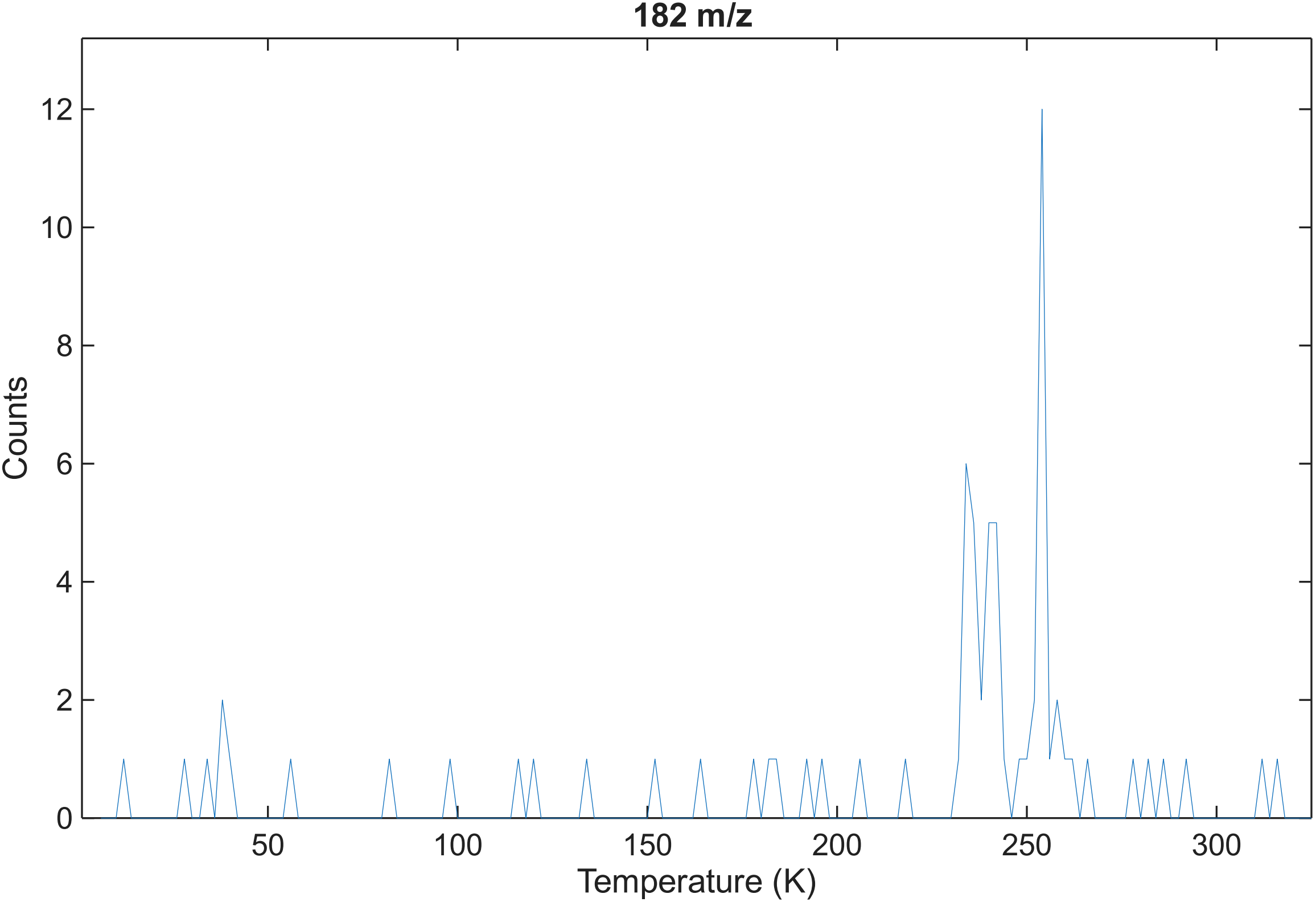
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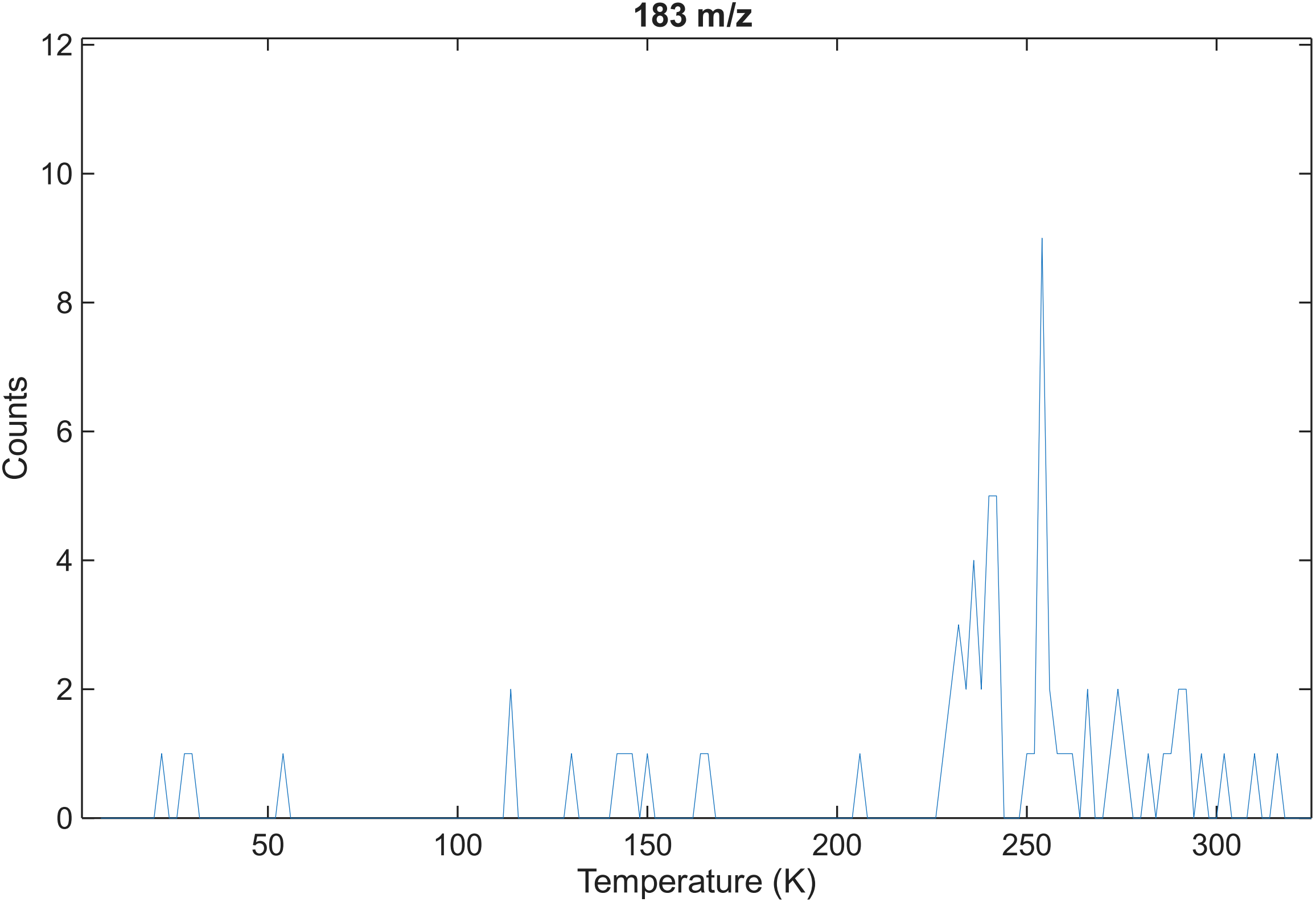
183 m/z
Counts
Temperature (K)
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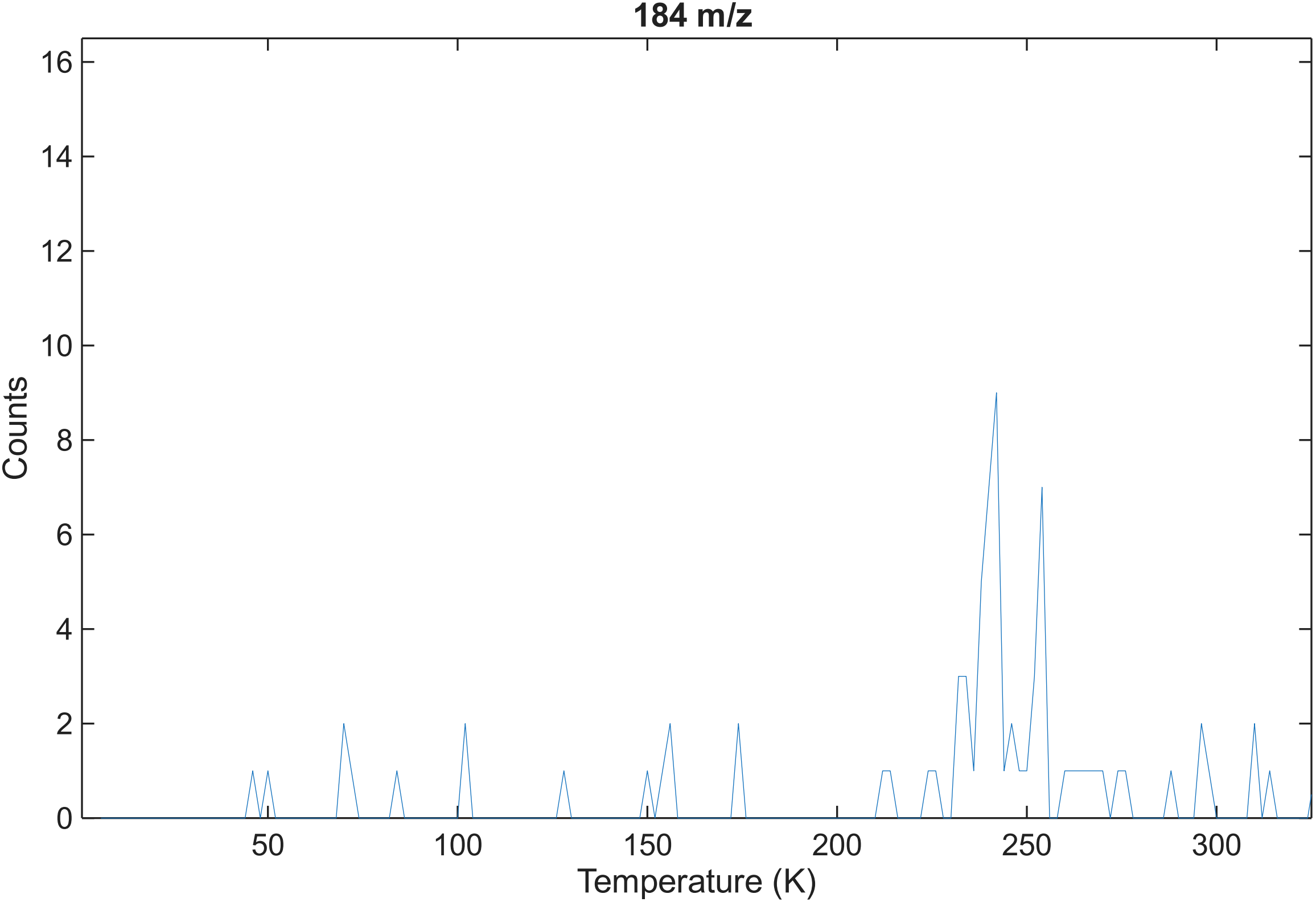
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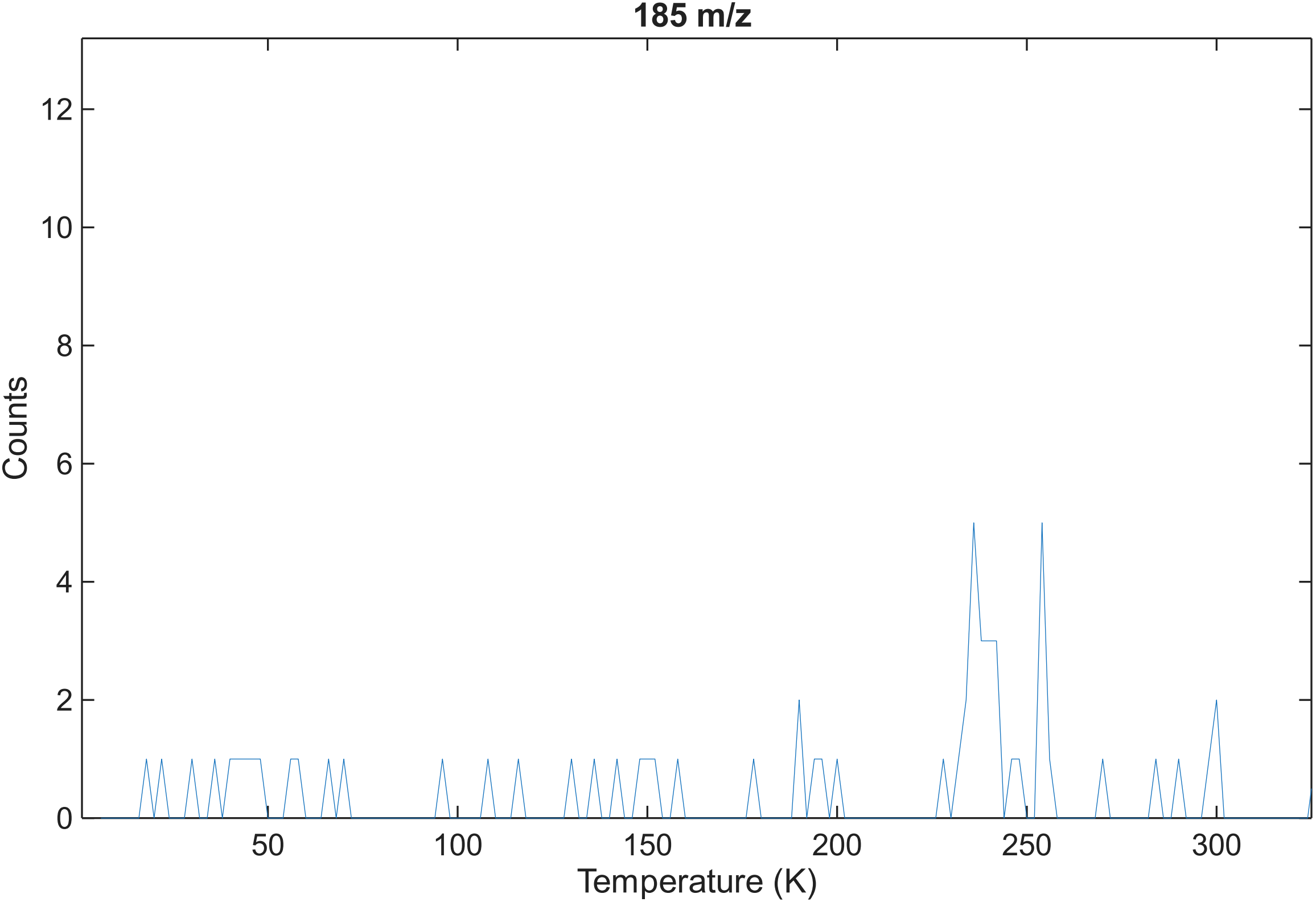
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Counts
Temperature (K)
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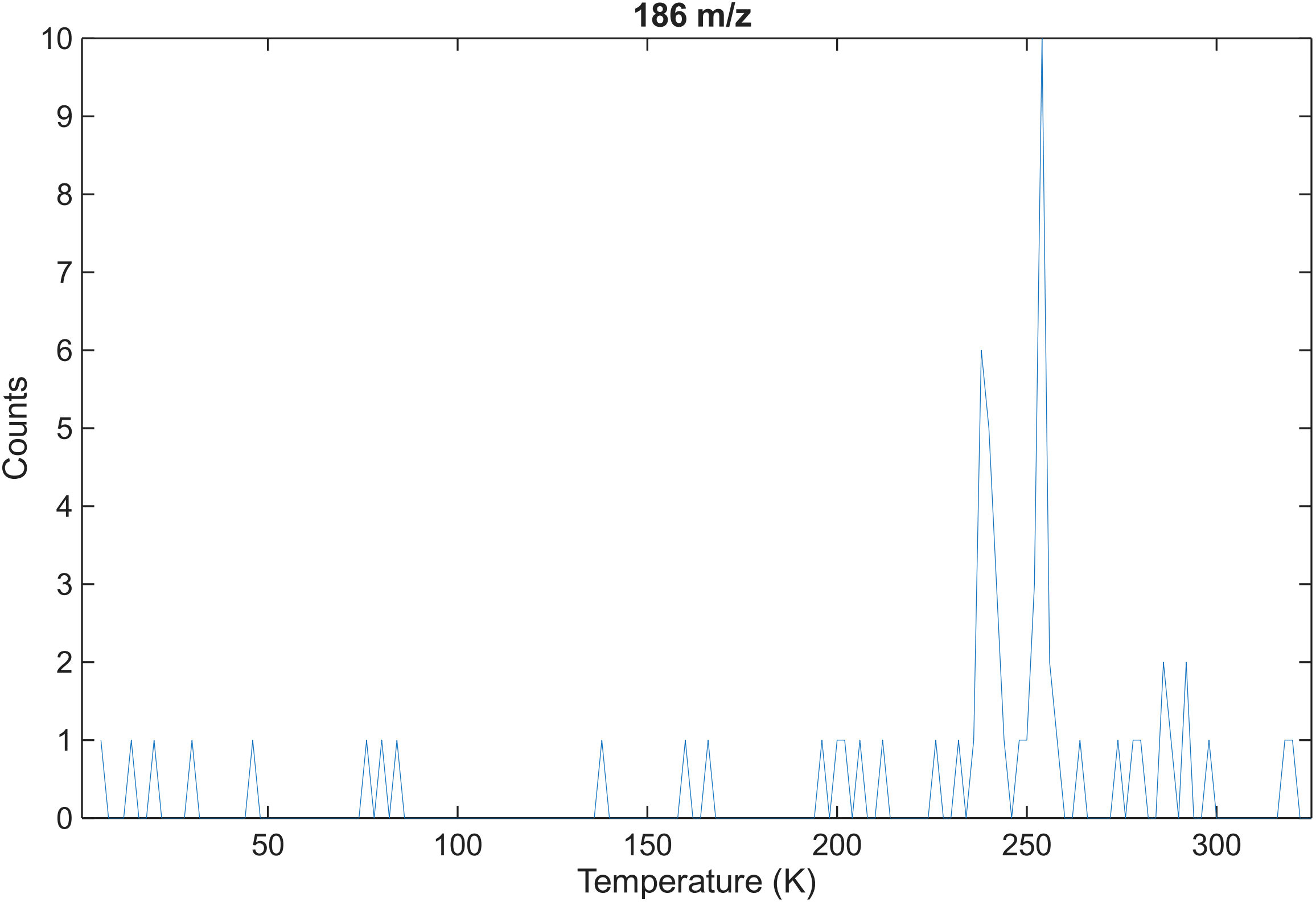
186 m/z
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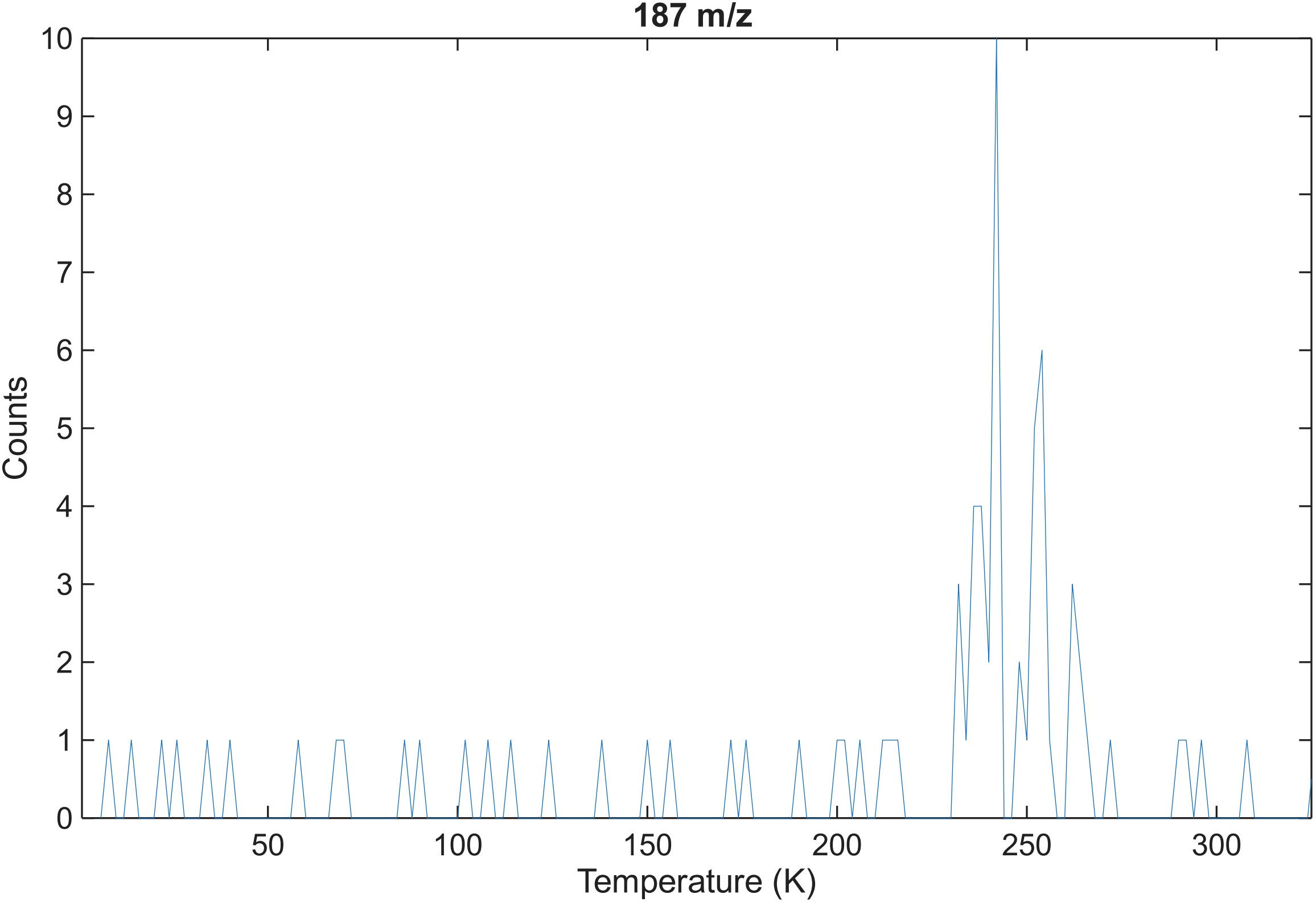
187 m/z
Counts
Temperature (K)
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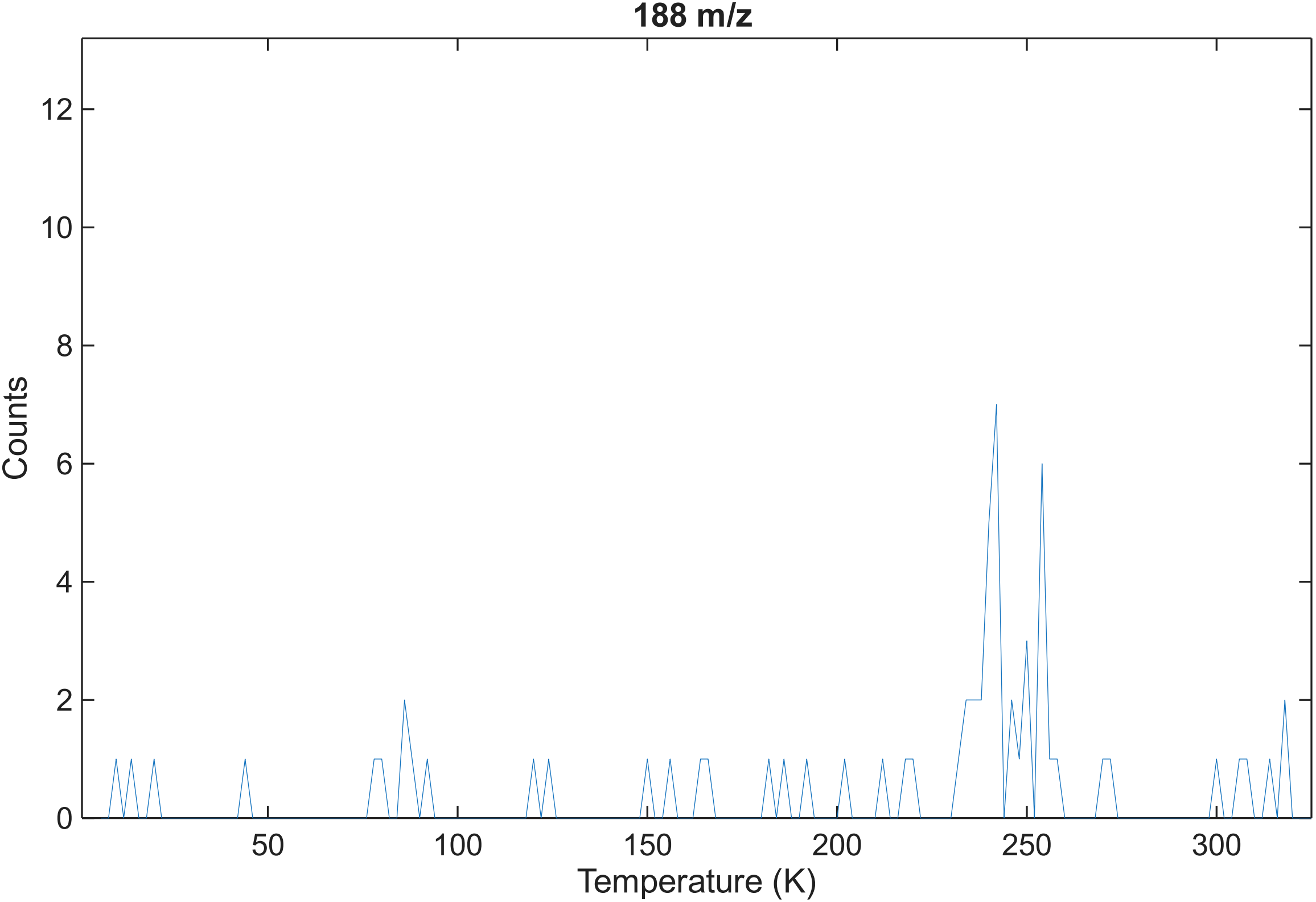
188 m/z
Counts
Temperature (K)
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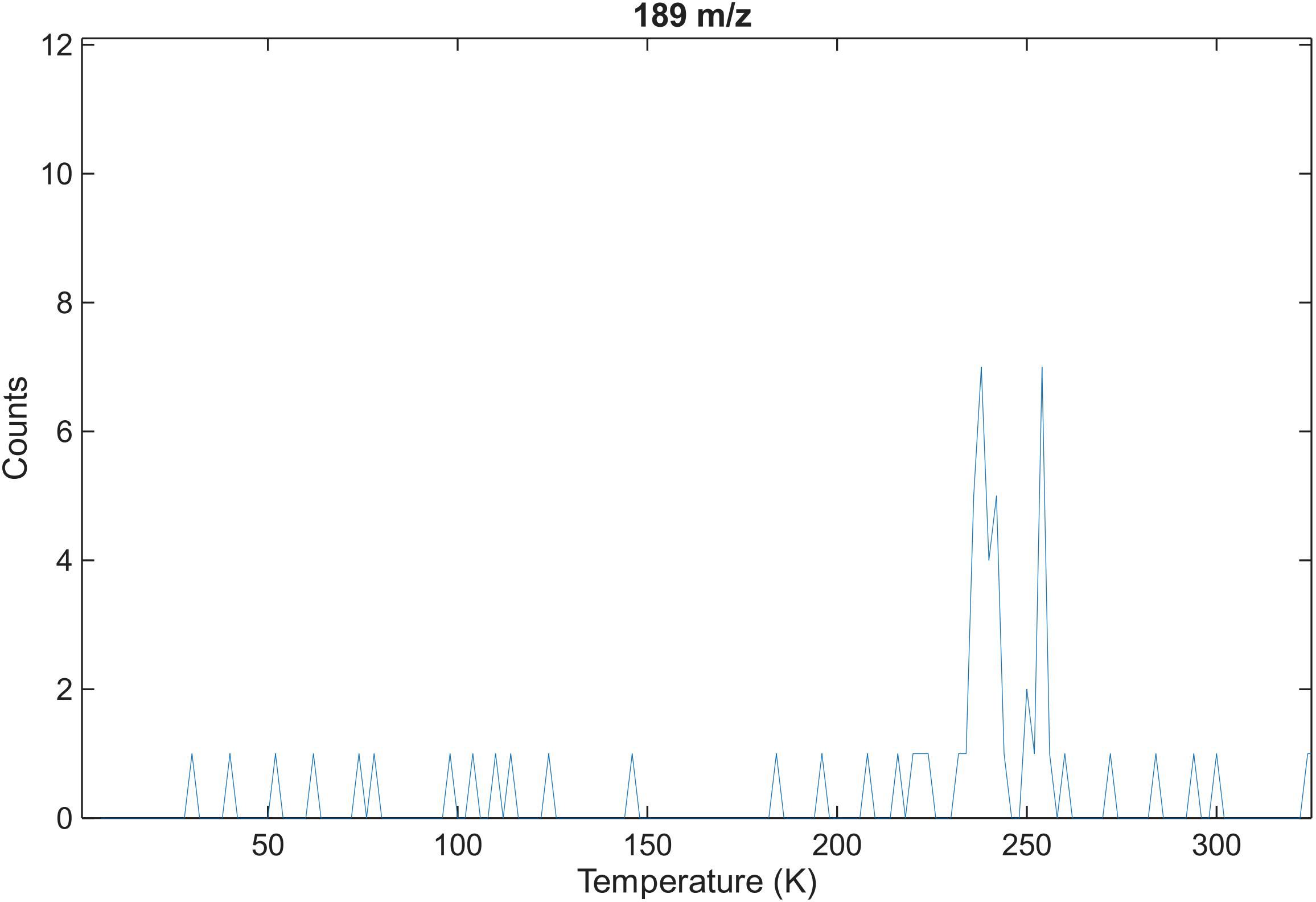
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Counts
Temperature (K)
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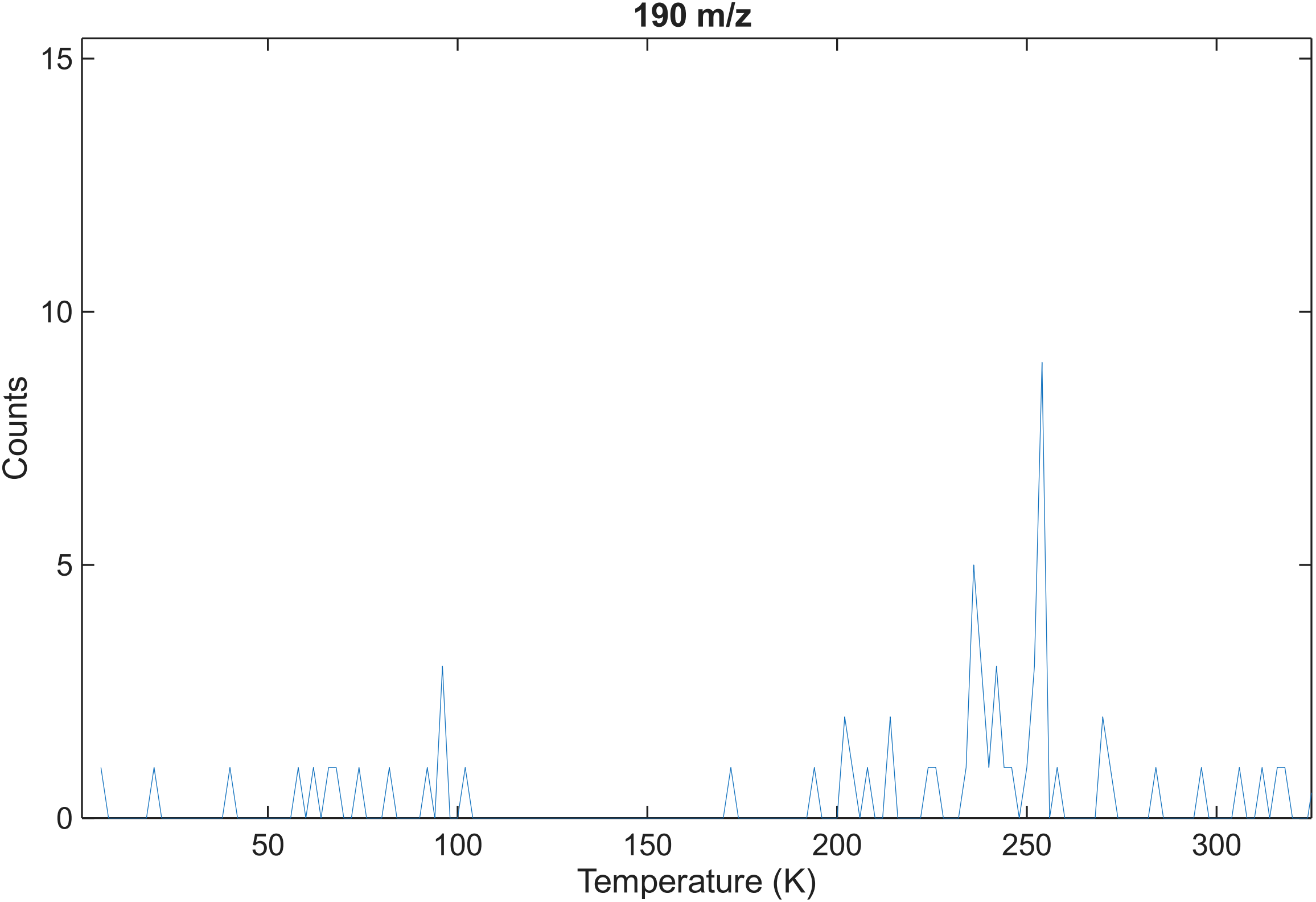
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Counts
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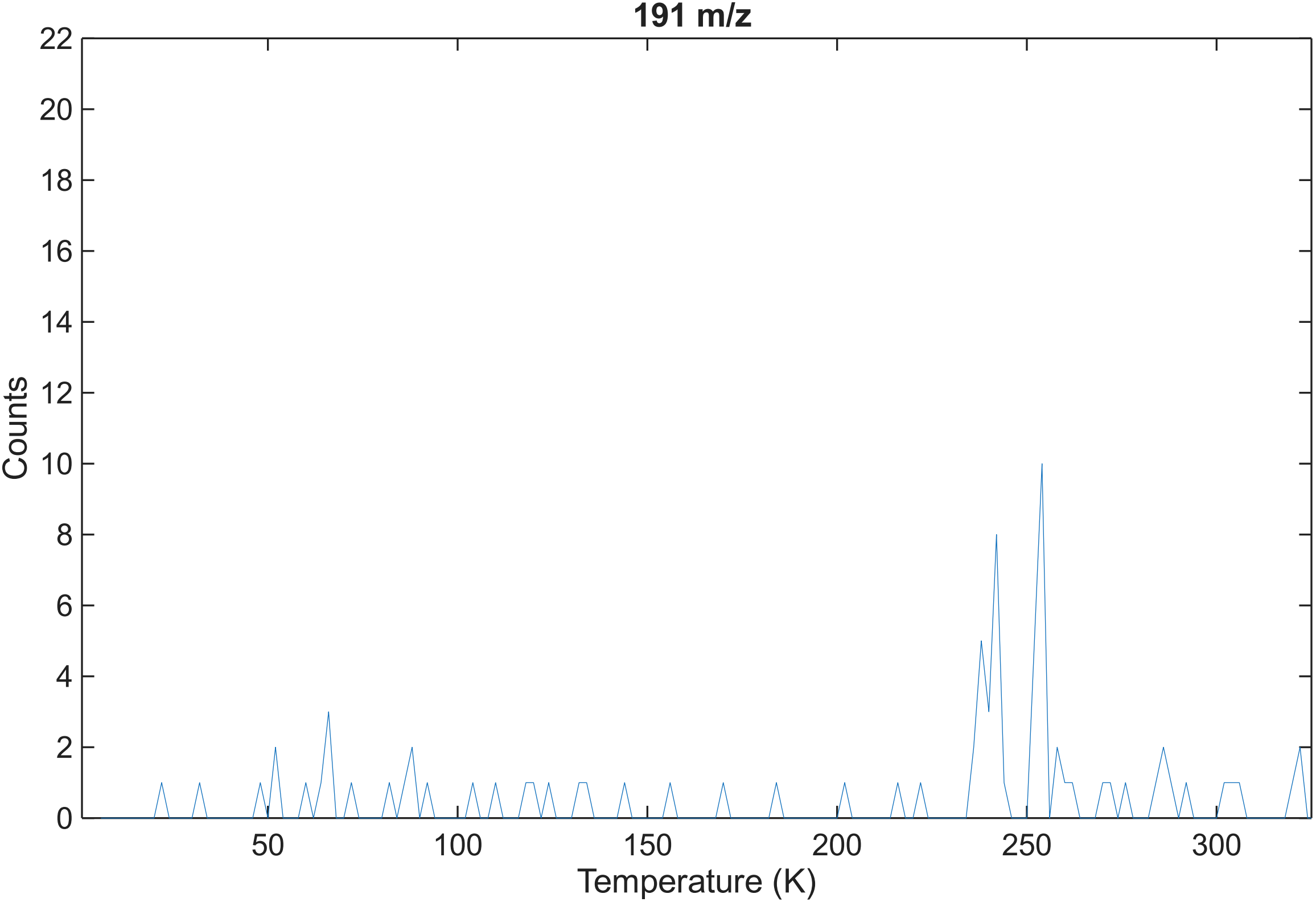
300
Temperature (K)


191 m/z
Counts
Temperature (K)
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12
14
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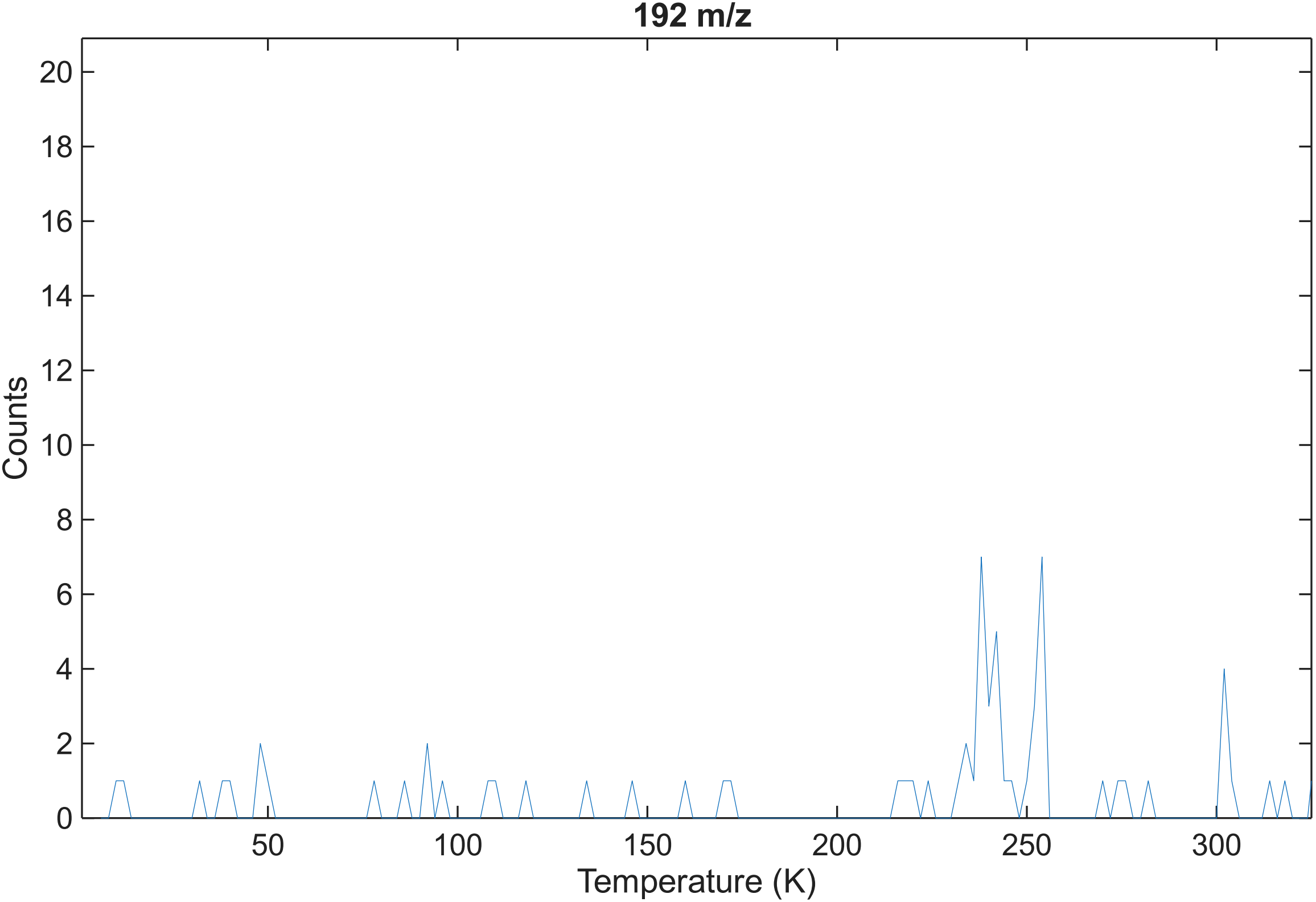
192 m/z
Counts
Temperature (K)
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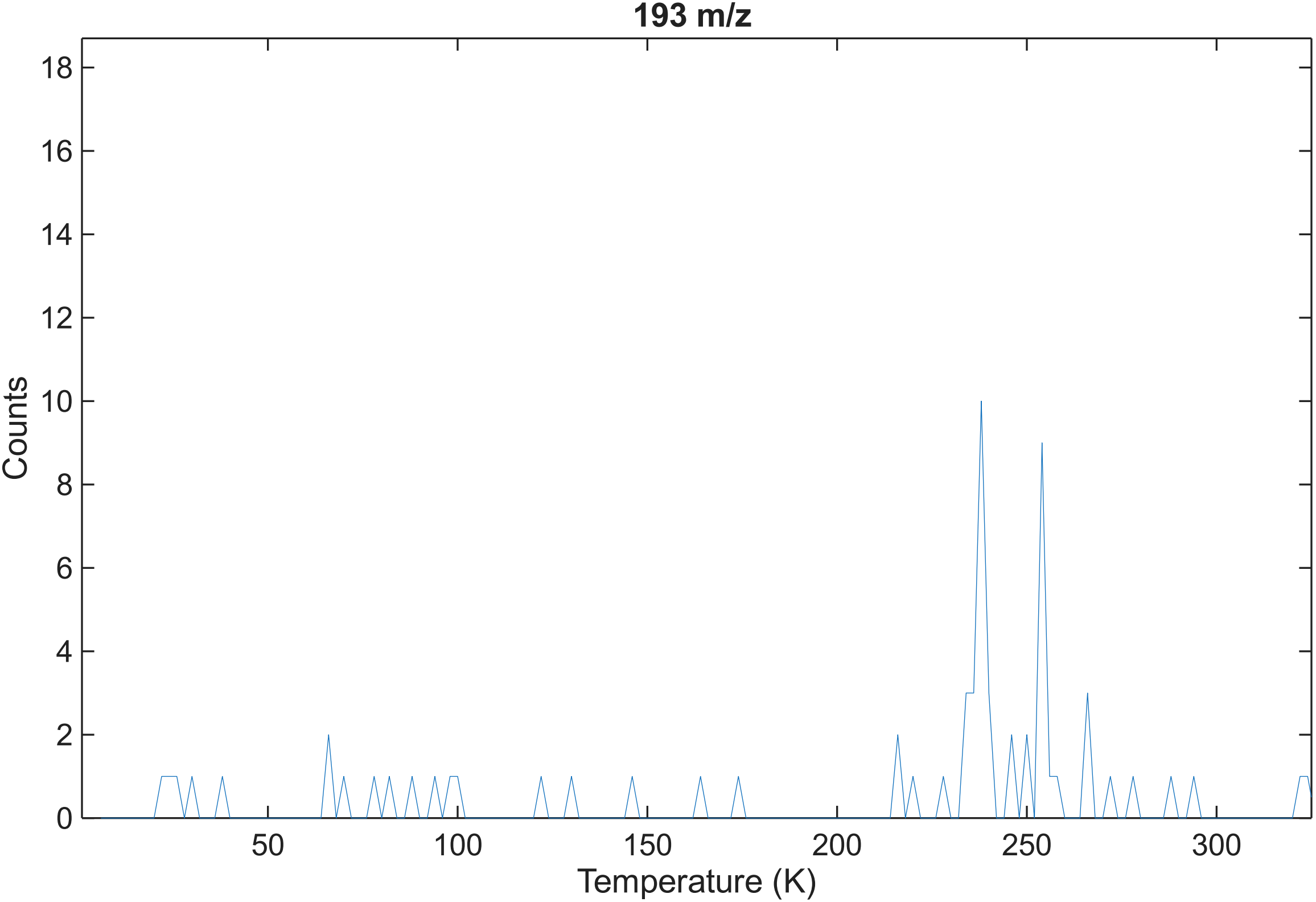
193 m/z
Counts
Temperature (K)
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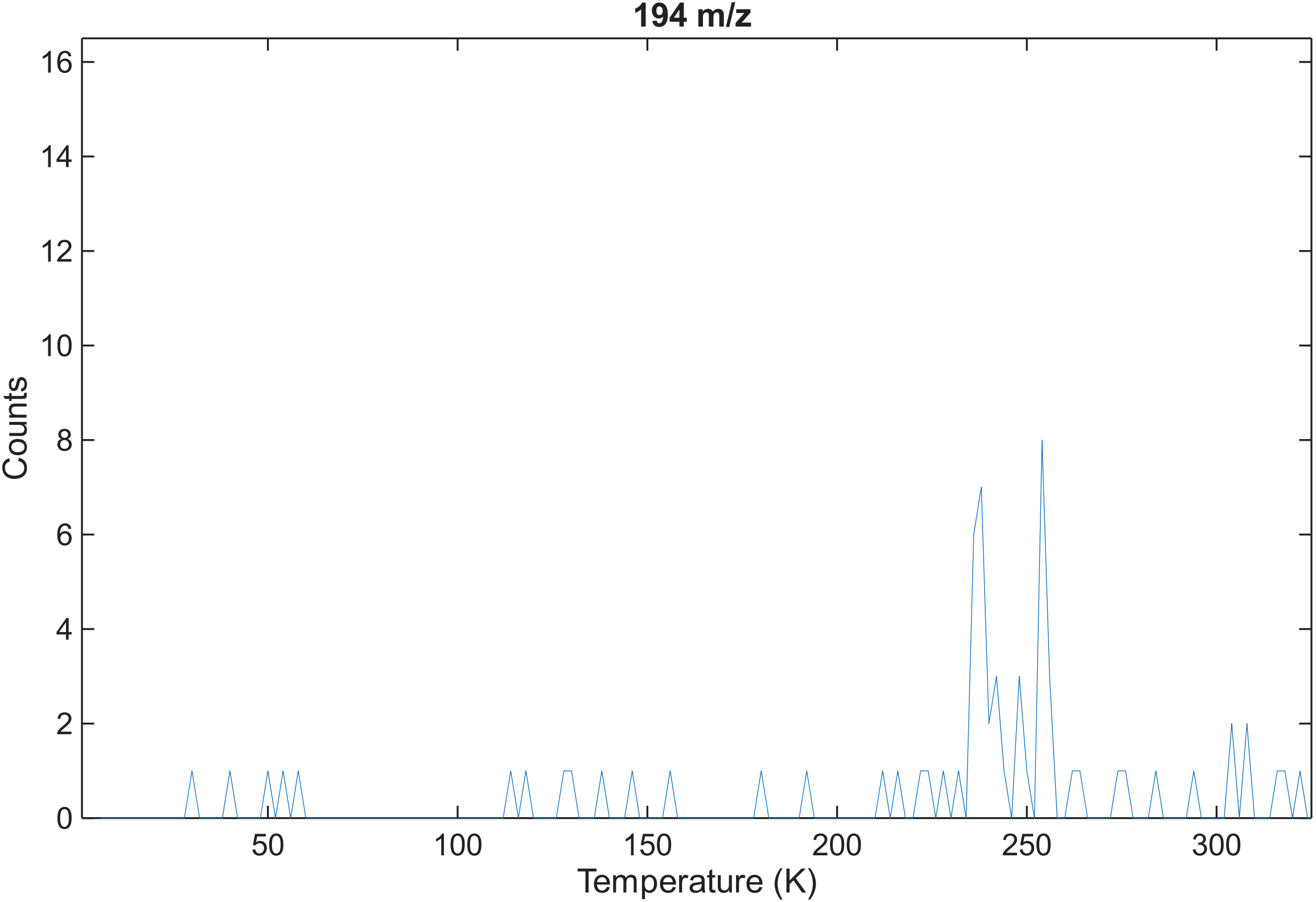
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Counts
Temperature (K)
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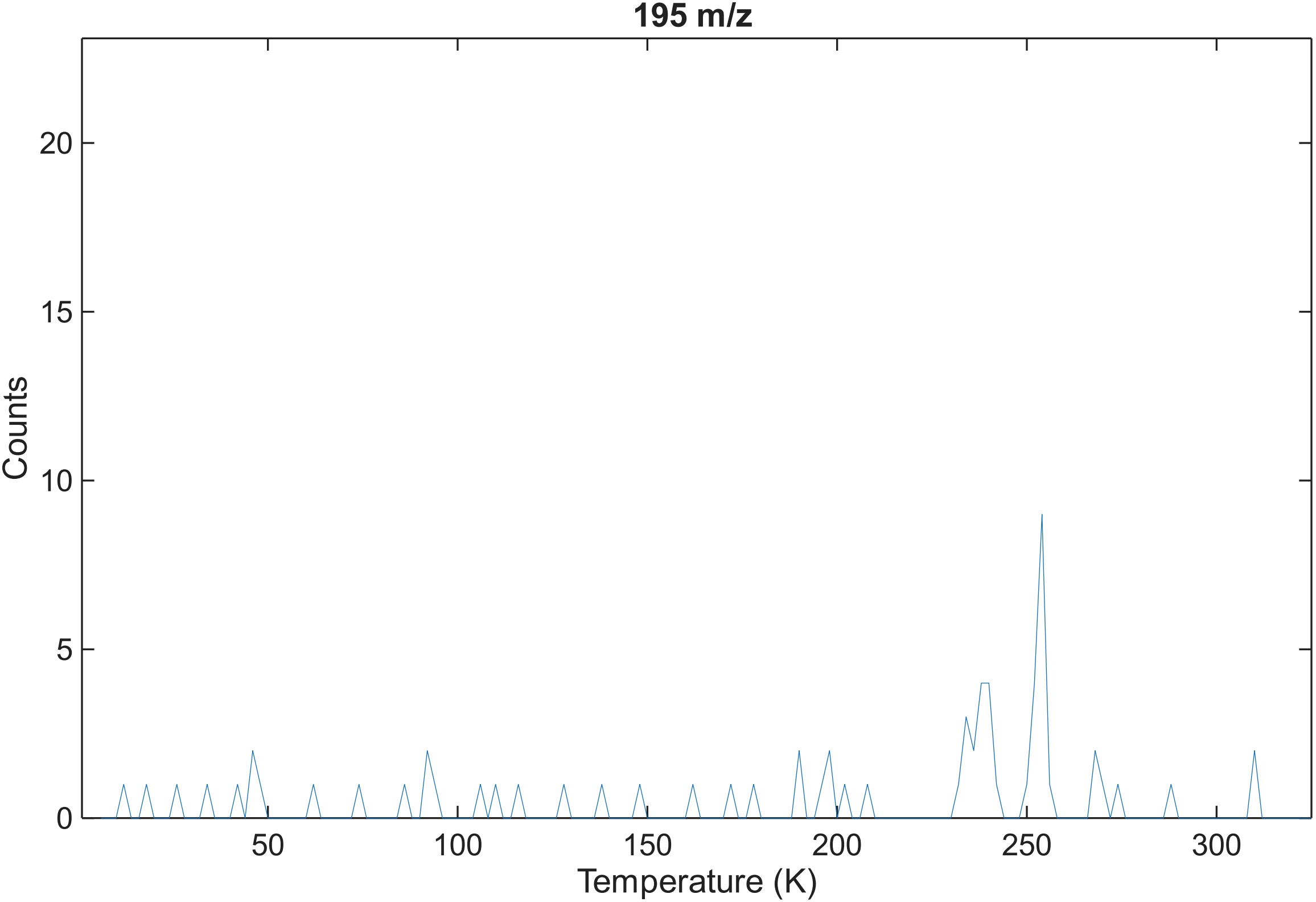
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Counts
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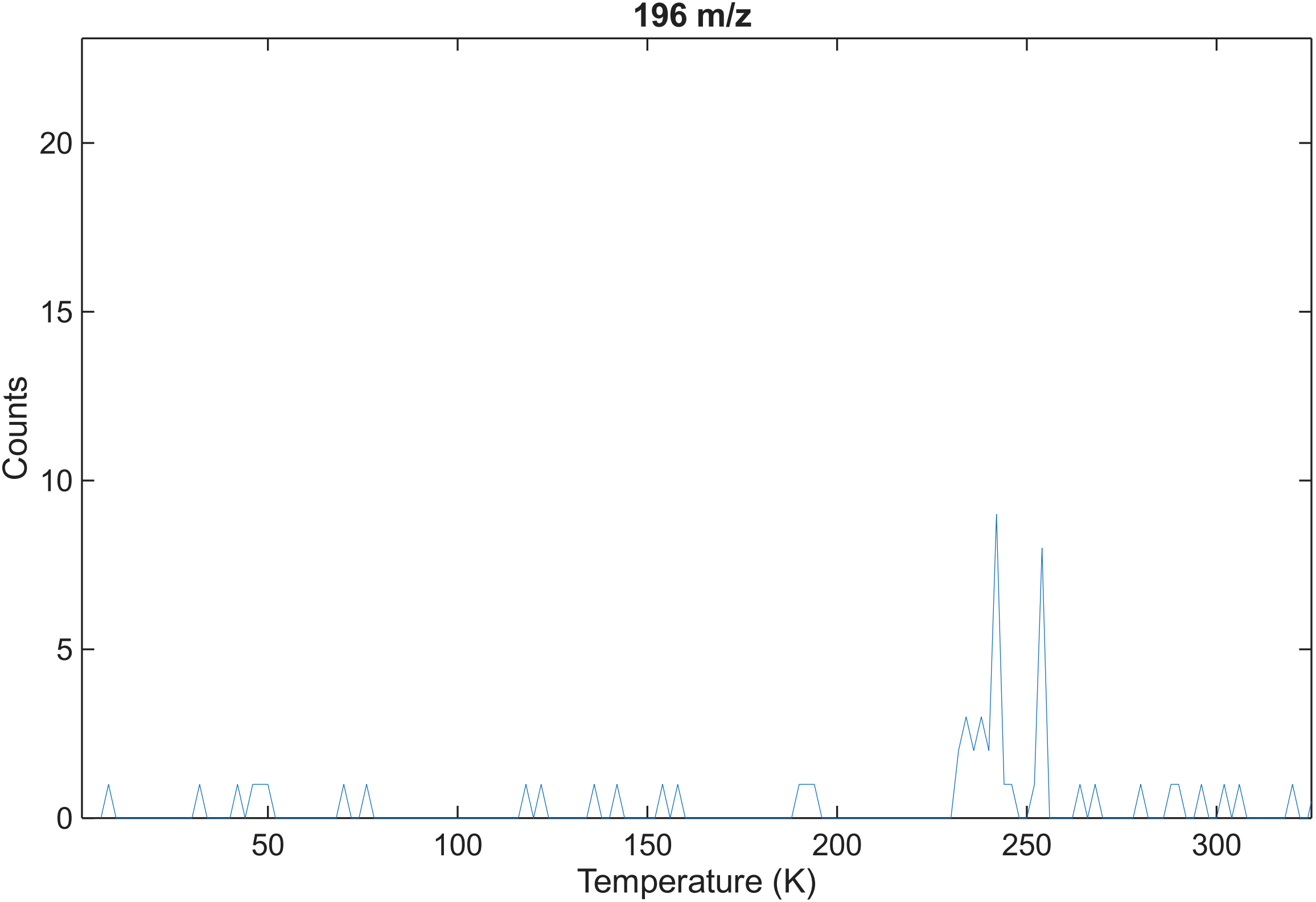
Temperature (K)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Counts
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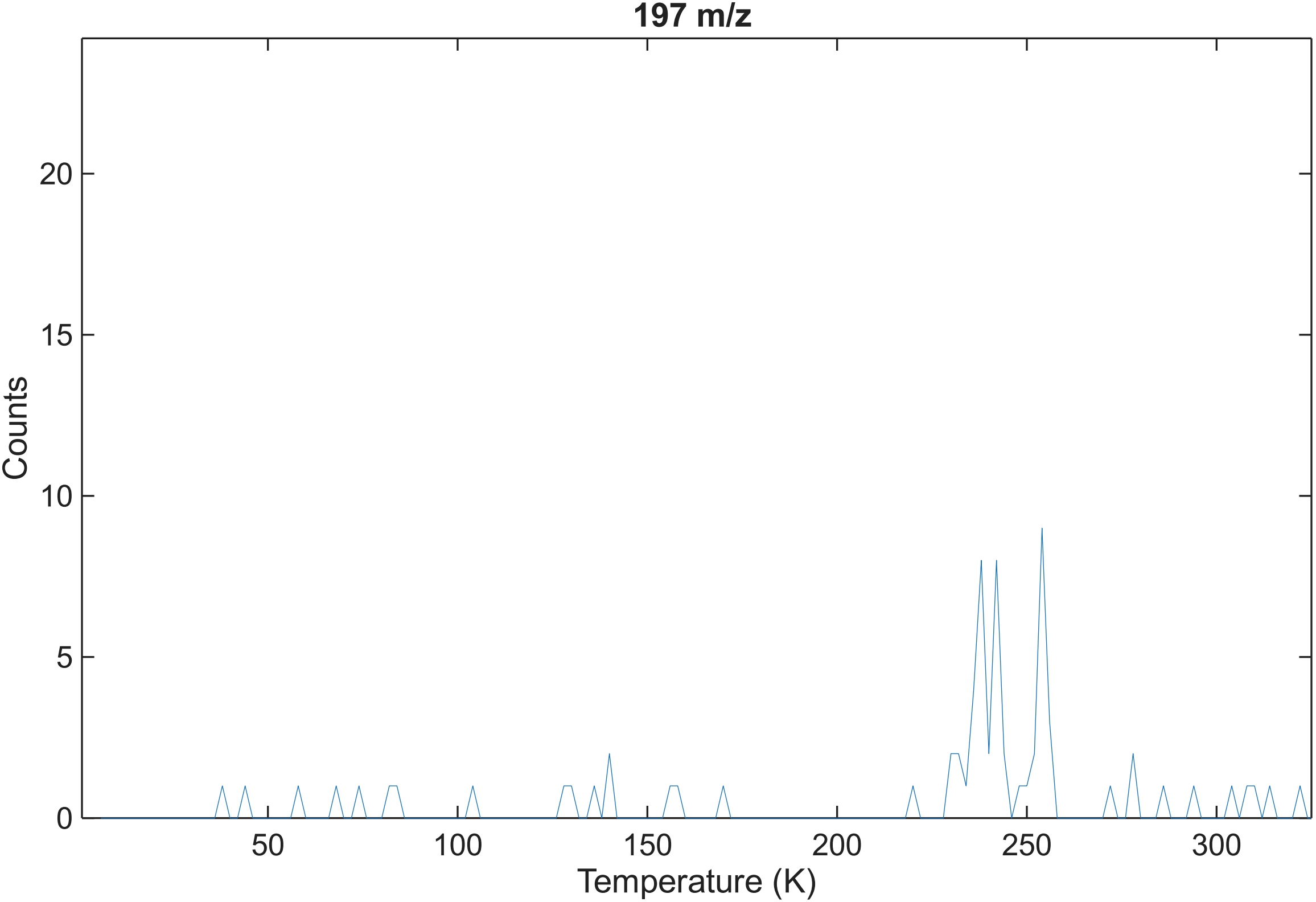
Temperature (K)


197 m/z
Counts
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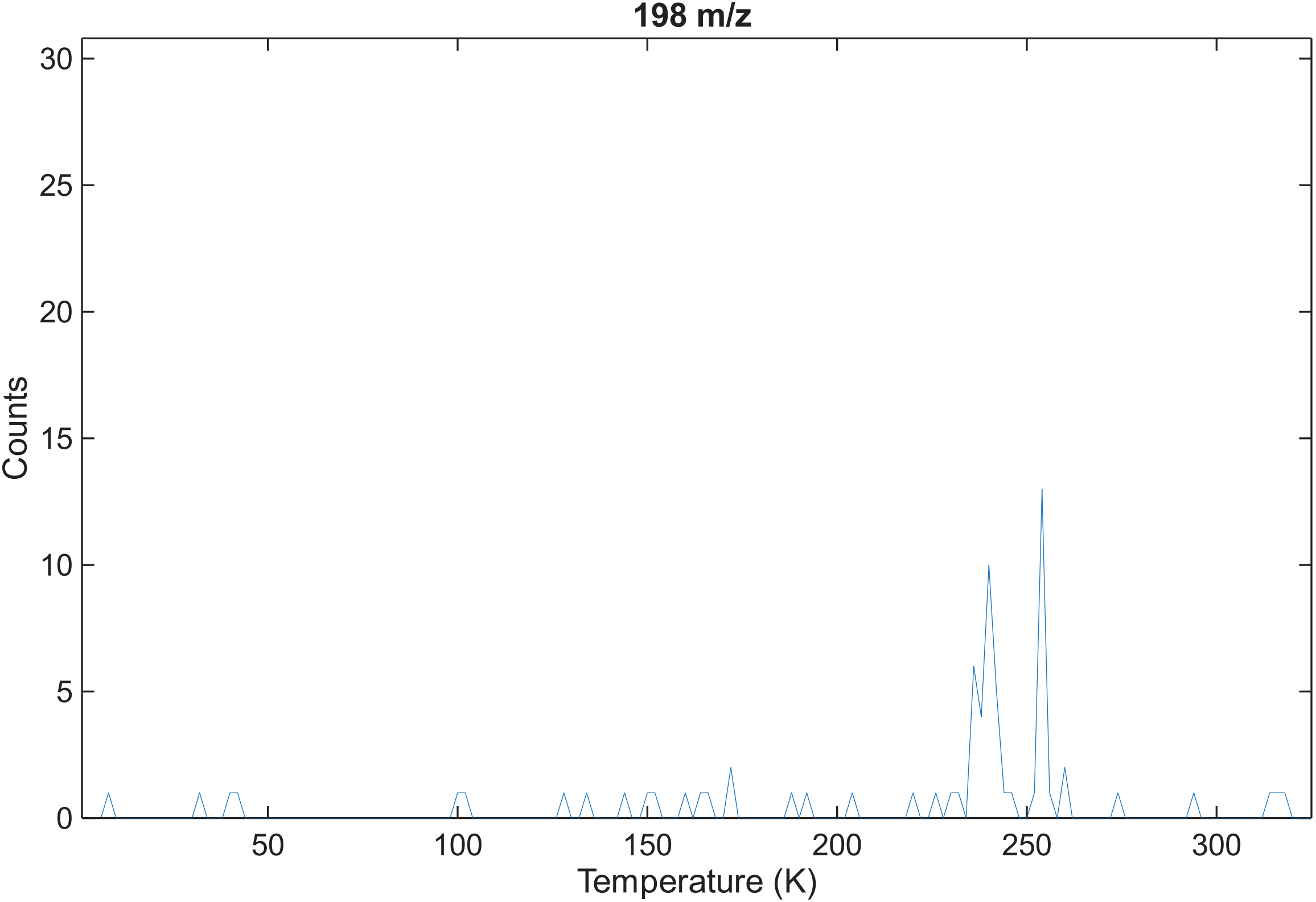
Temperature (K)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Counts
Temperature (K)
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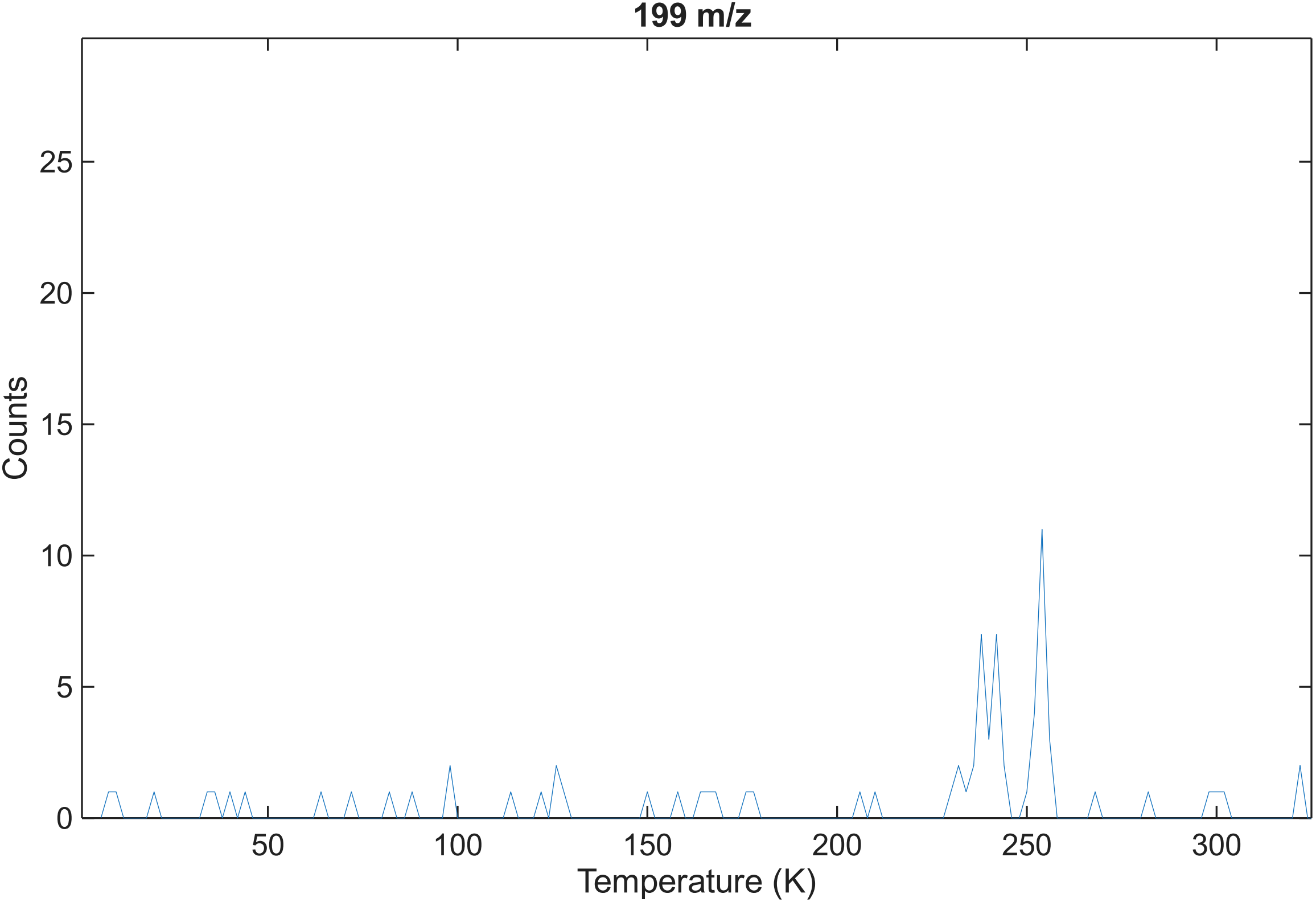
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Counts
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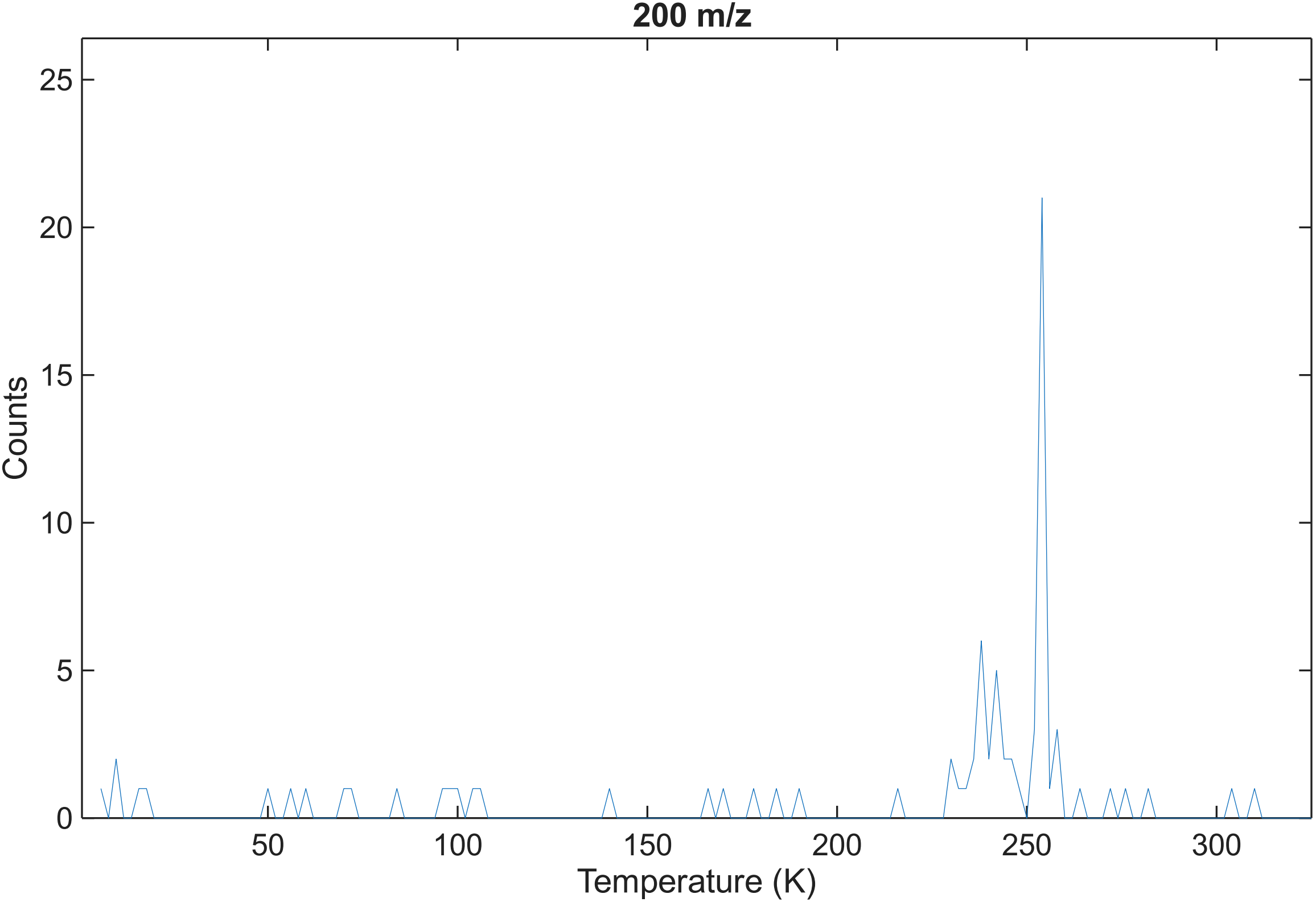
Temperature (K)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Temperature (K)
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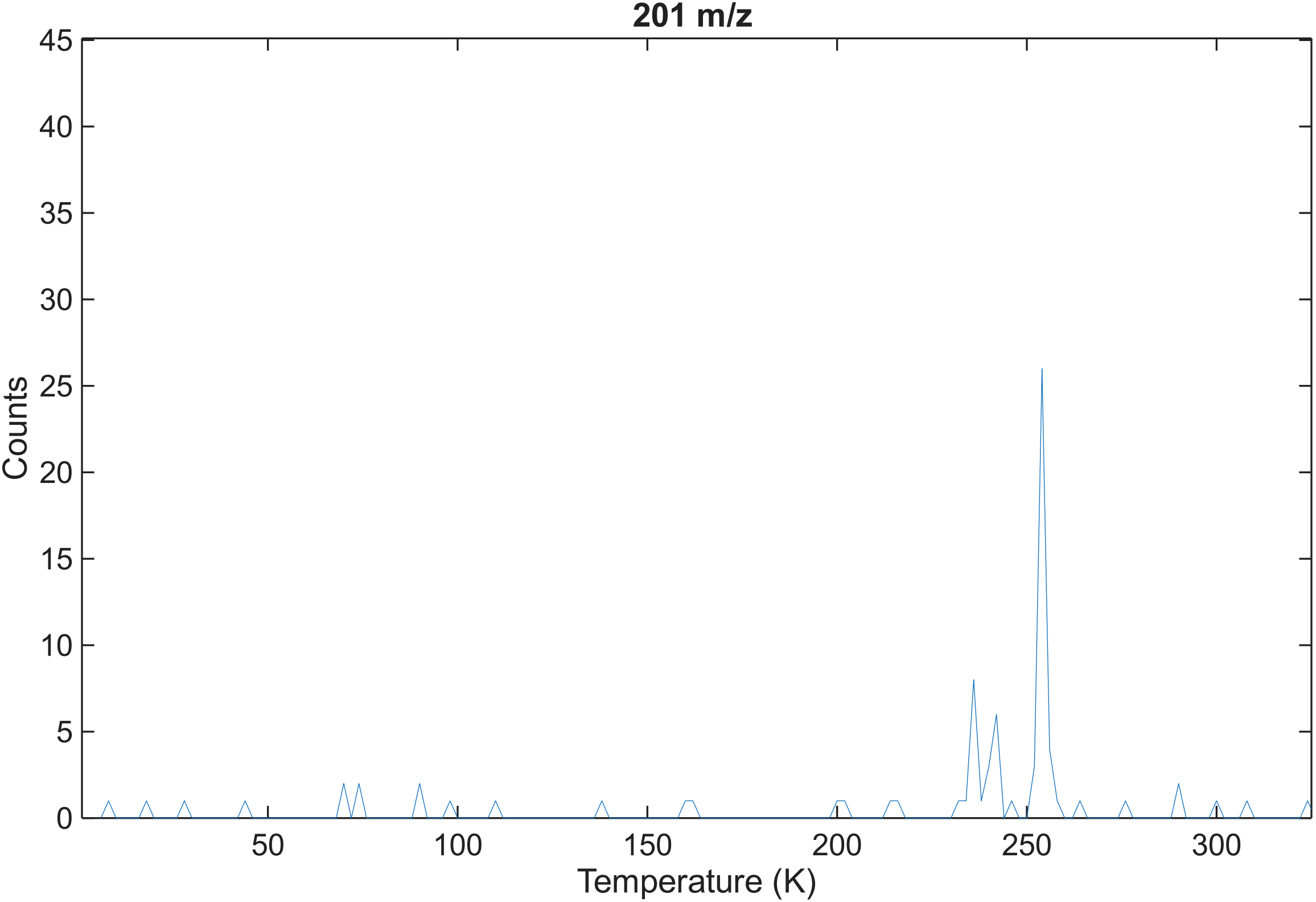
201 m/z
Counts
Temperature (K)
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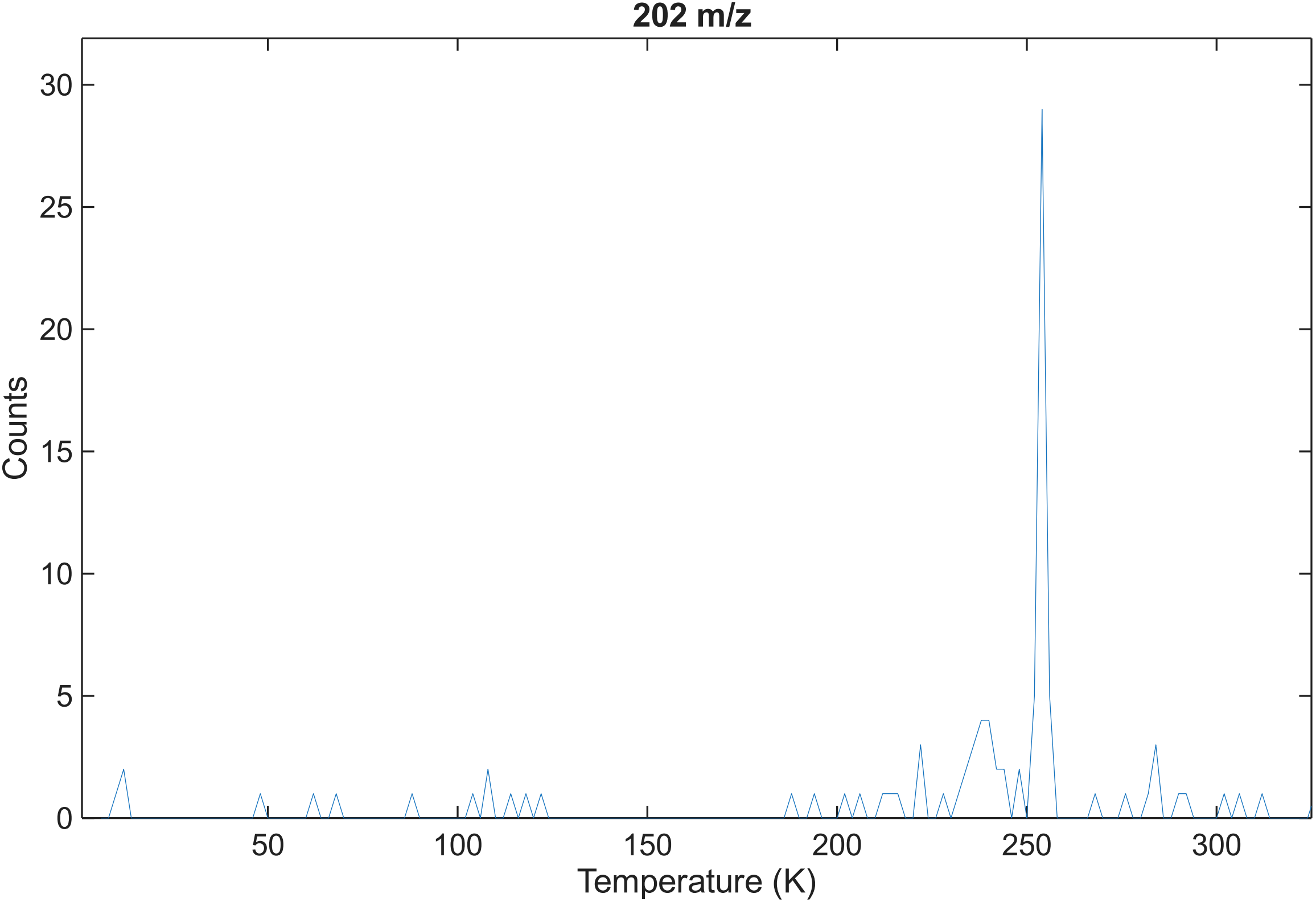
202 m/z
Counts
Temperature (K)
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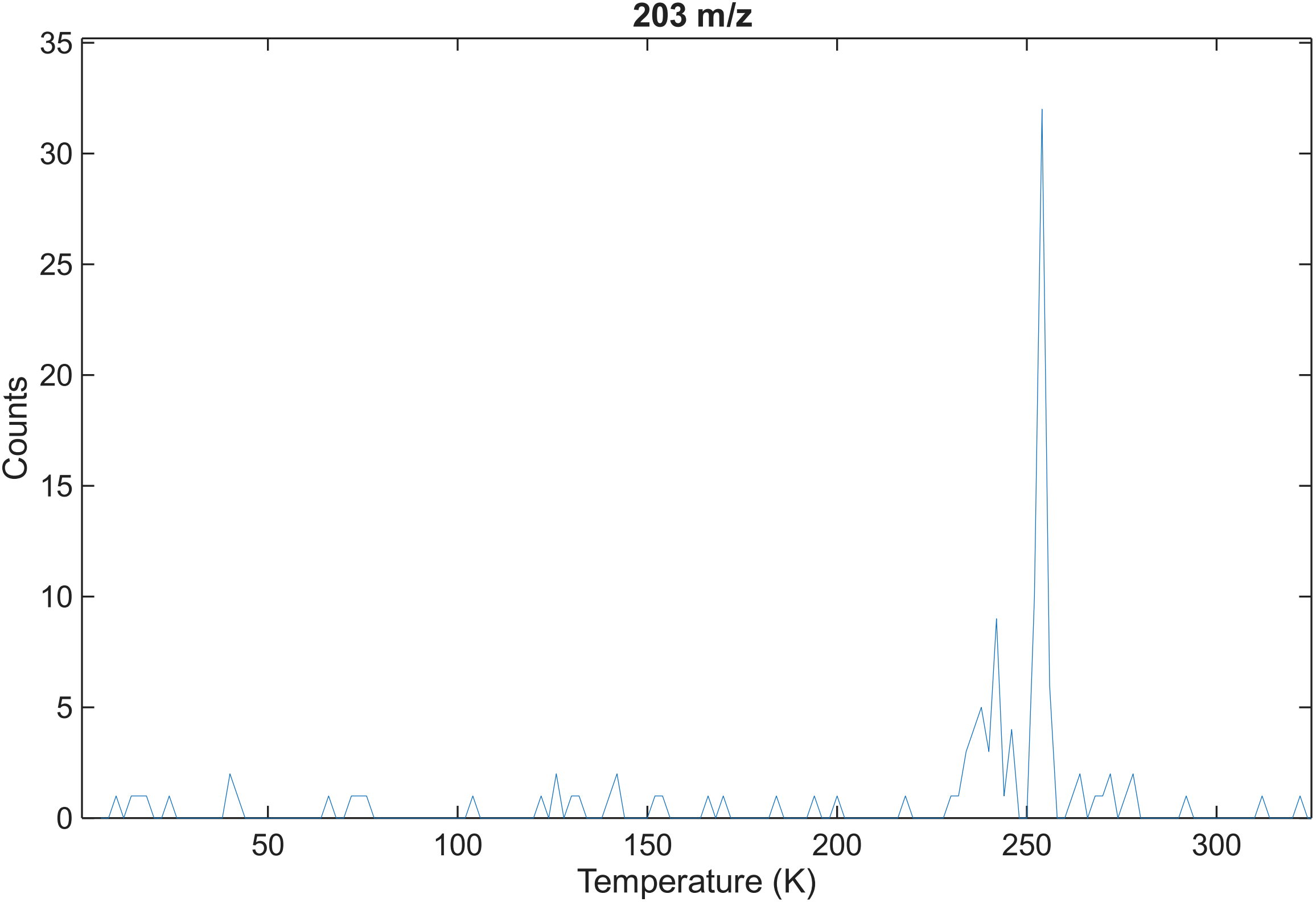
203 m/z
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Counts
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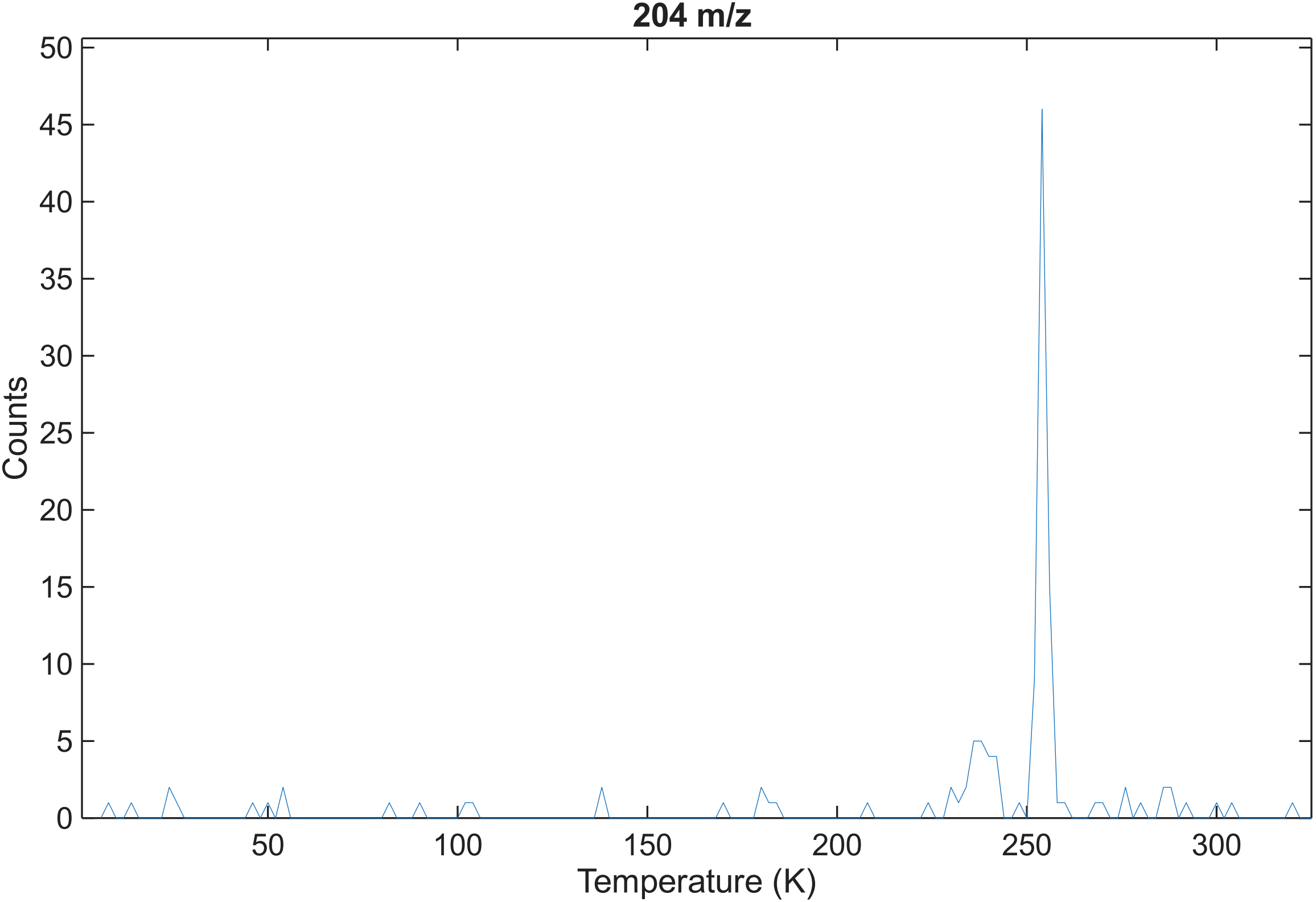
Temperature (K)


204 m/z
Counts
Temperature (K)
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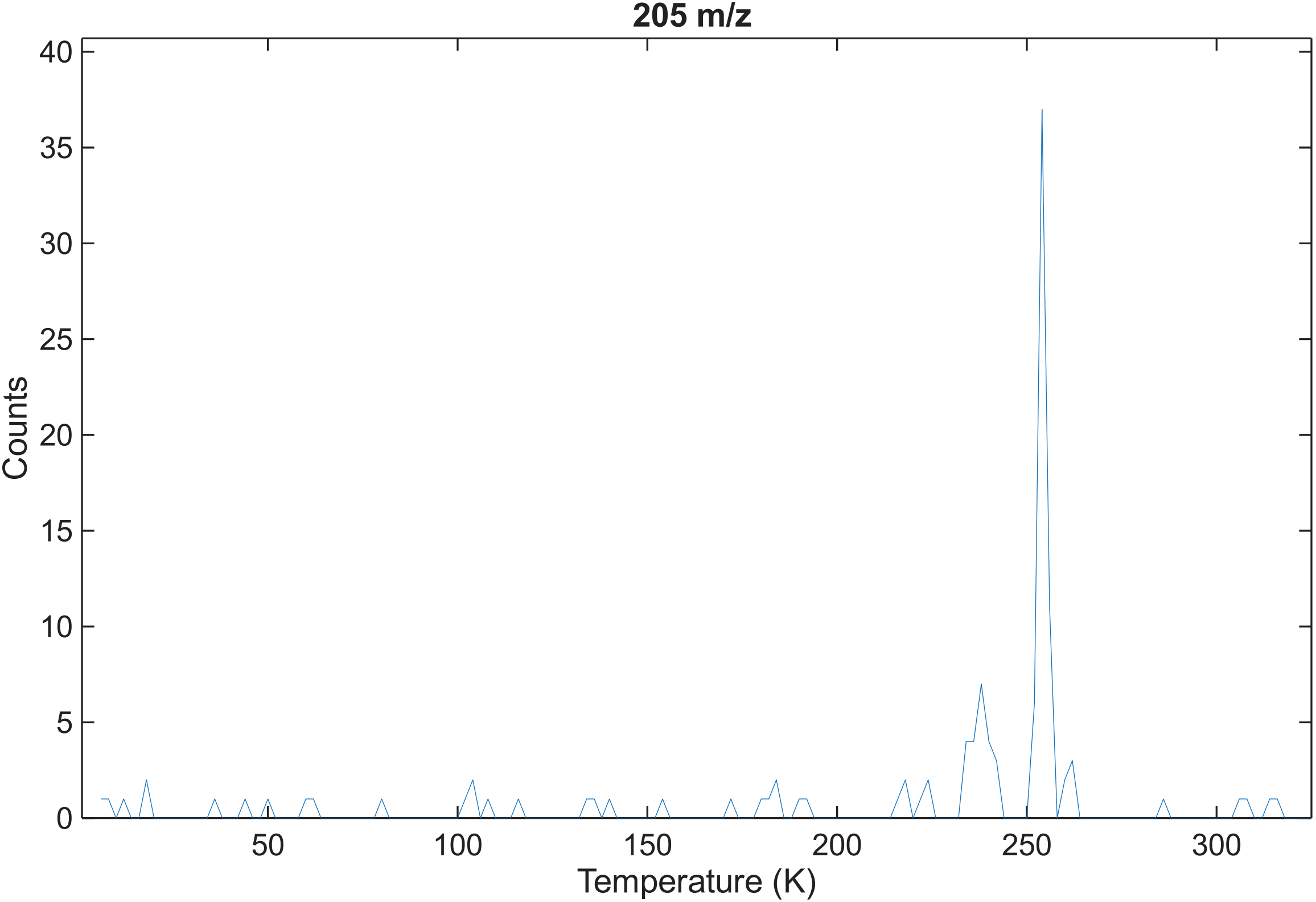
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Counts
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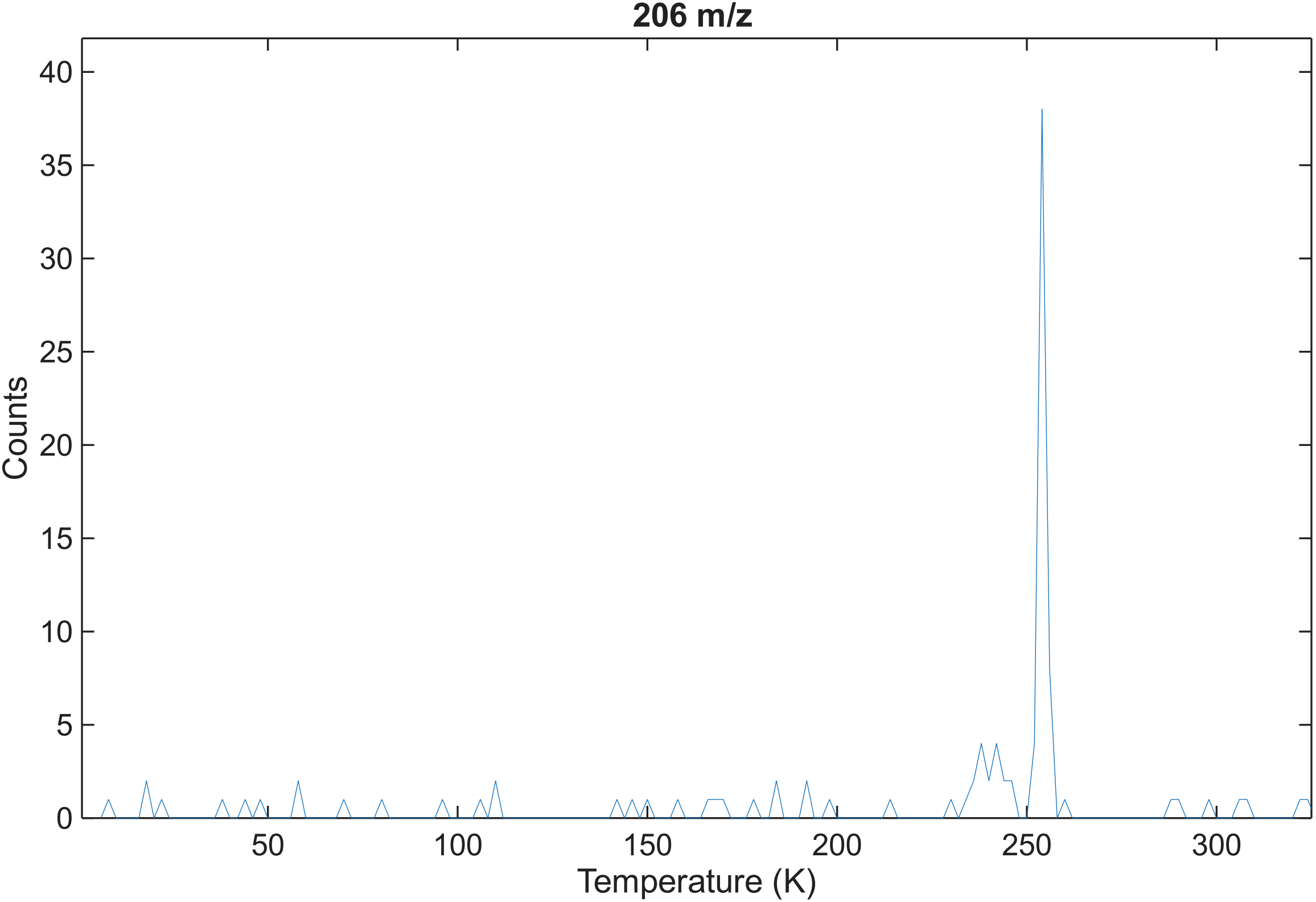
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Counts
Temperature (K)
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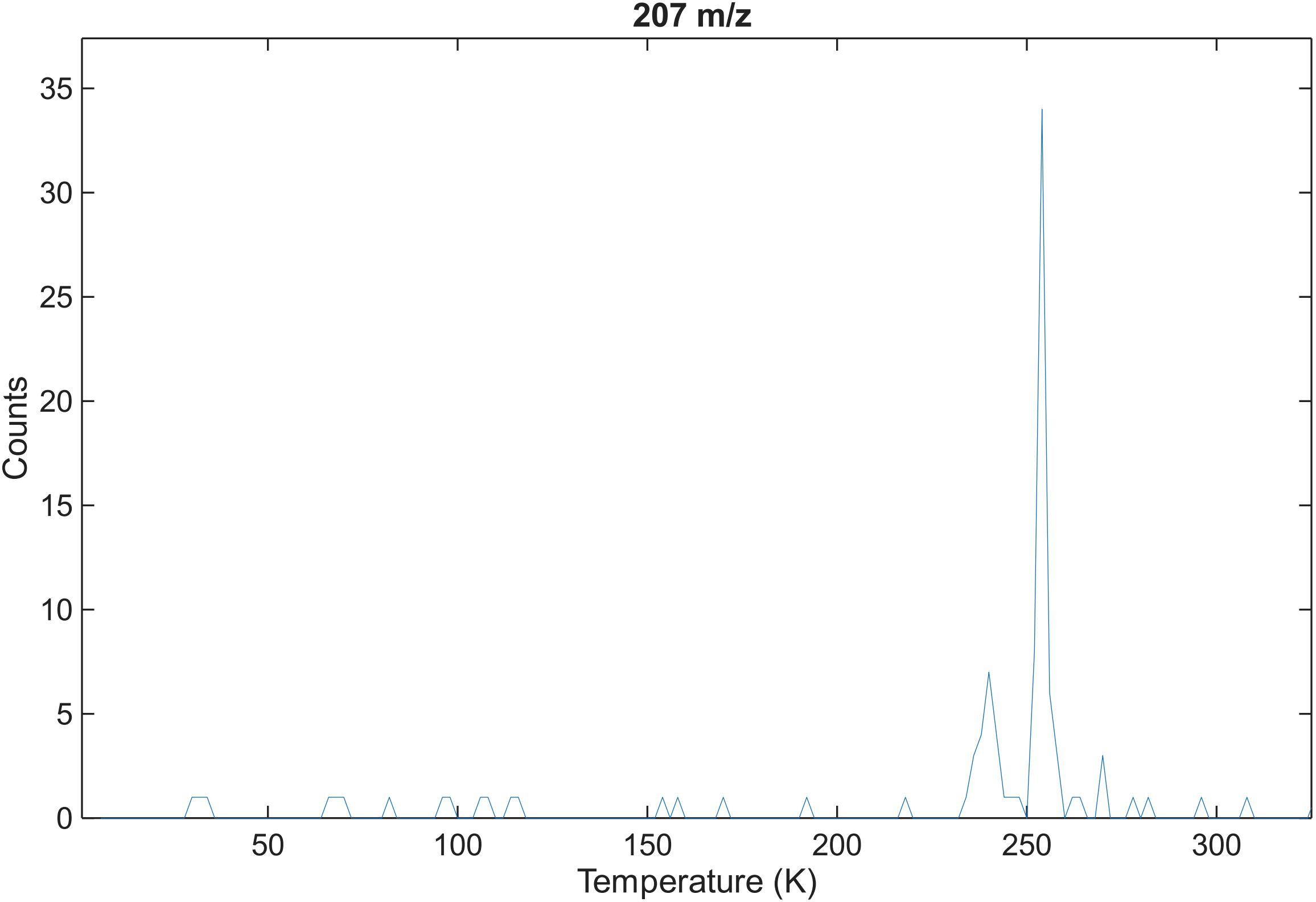
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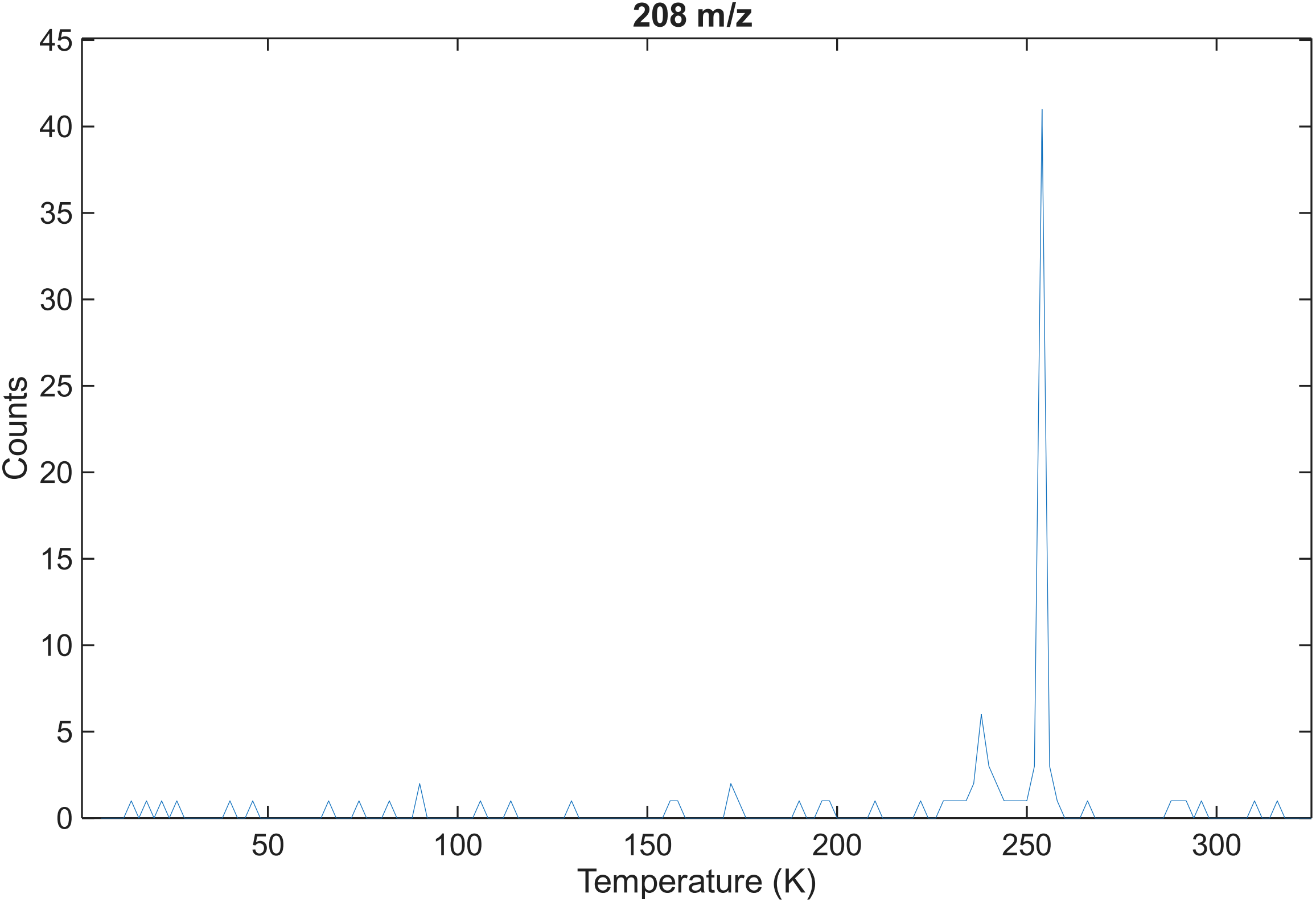
208 m/z
Counts
Temperature (K)
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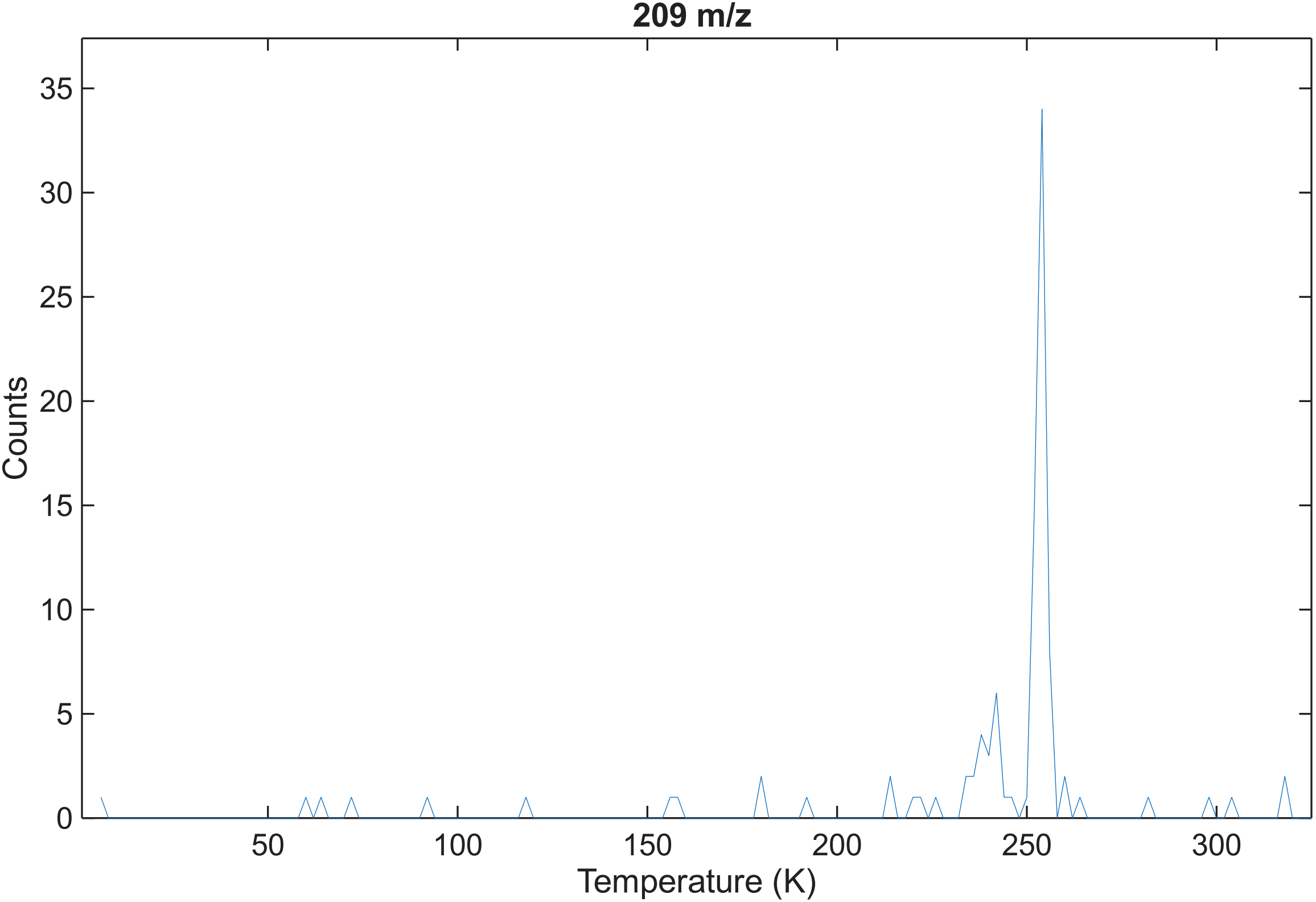
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Temperature (K)
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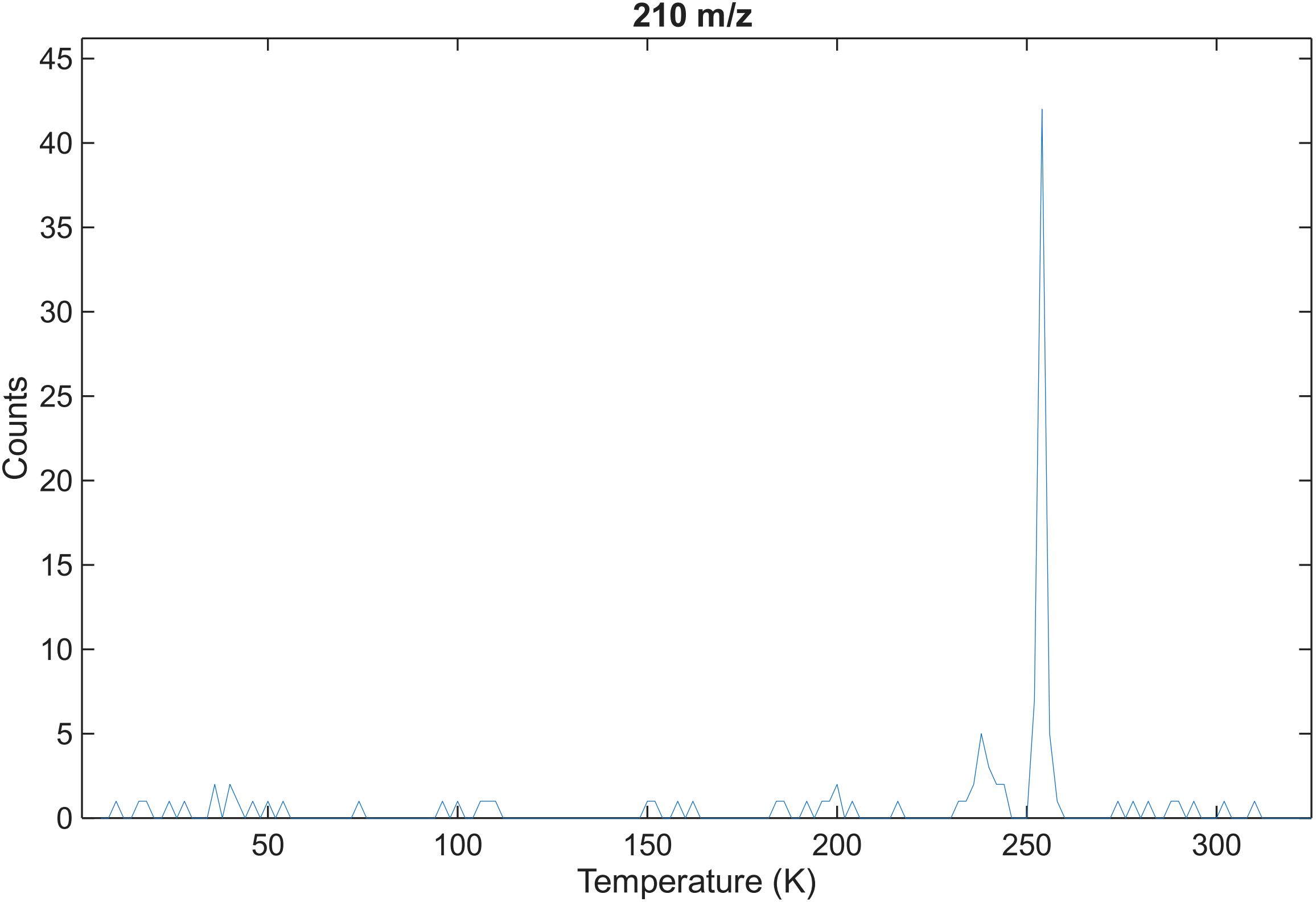
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Counts
Temperature (K)
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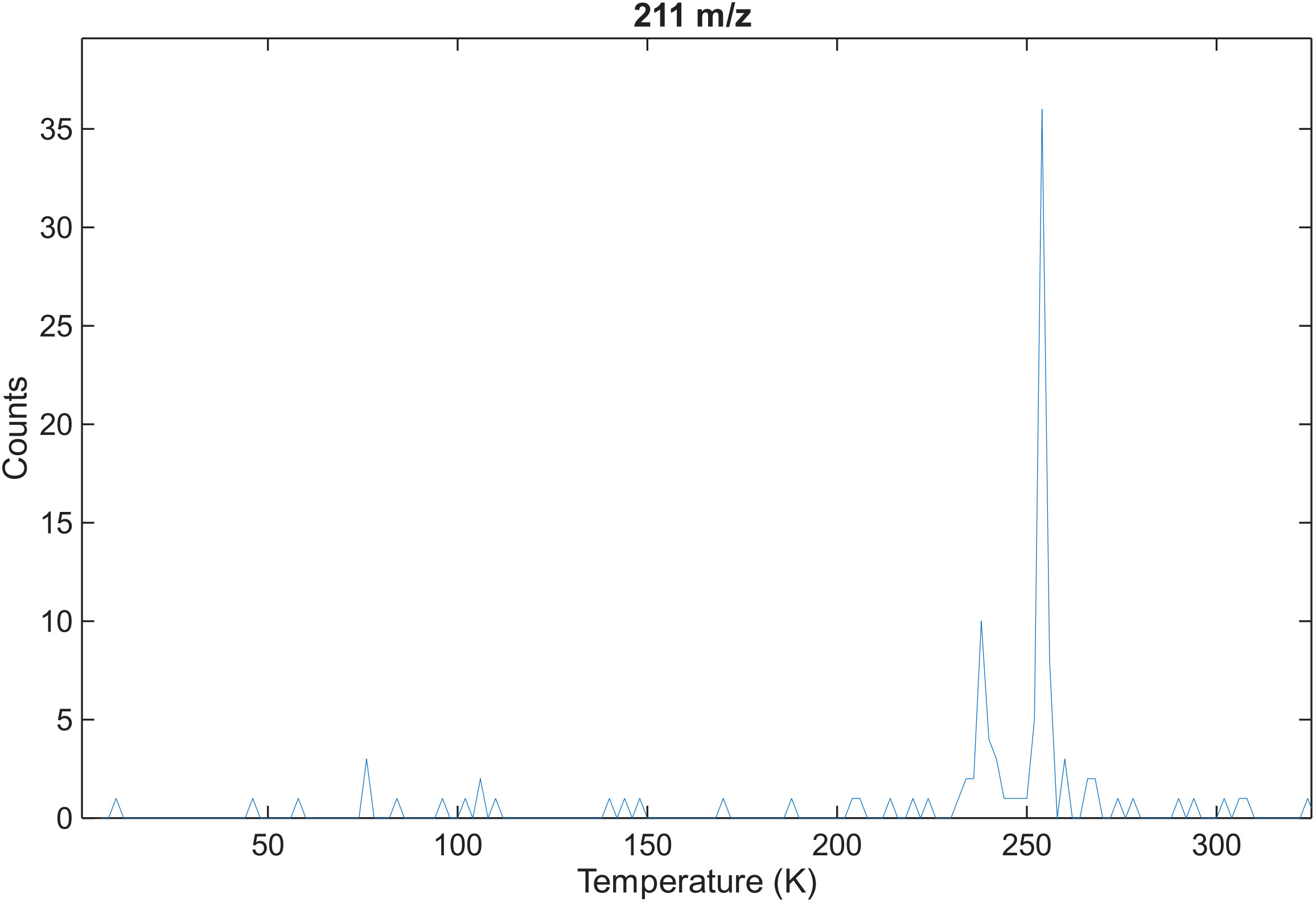
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Temperature (K)
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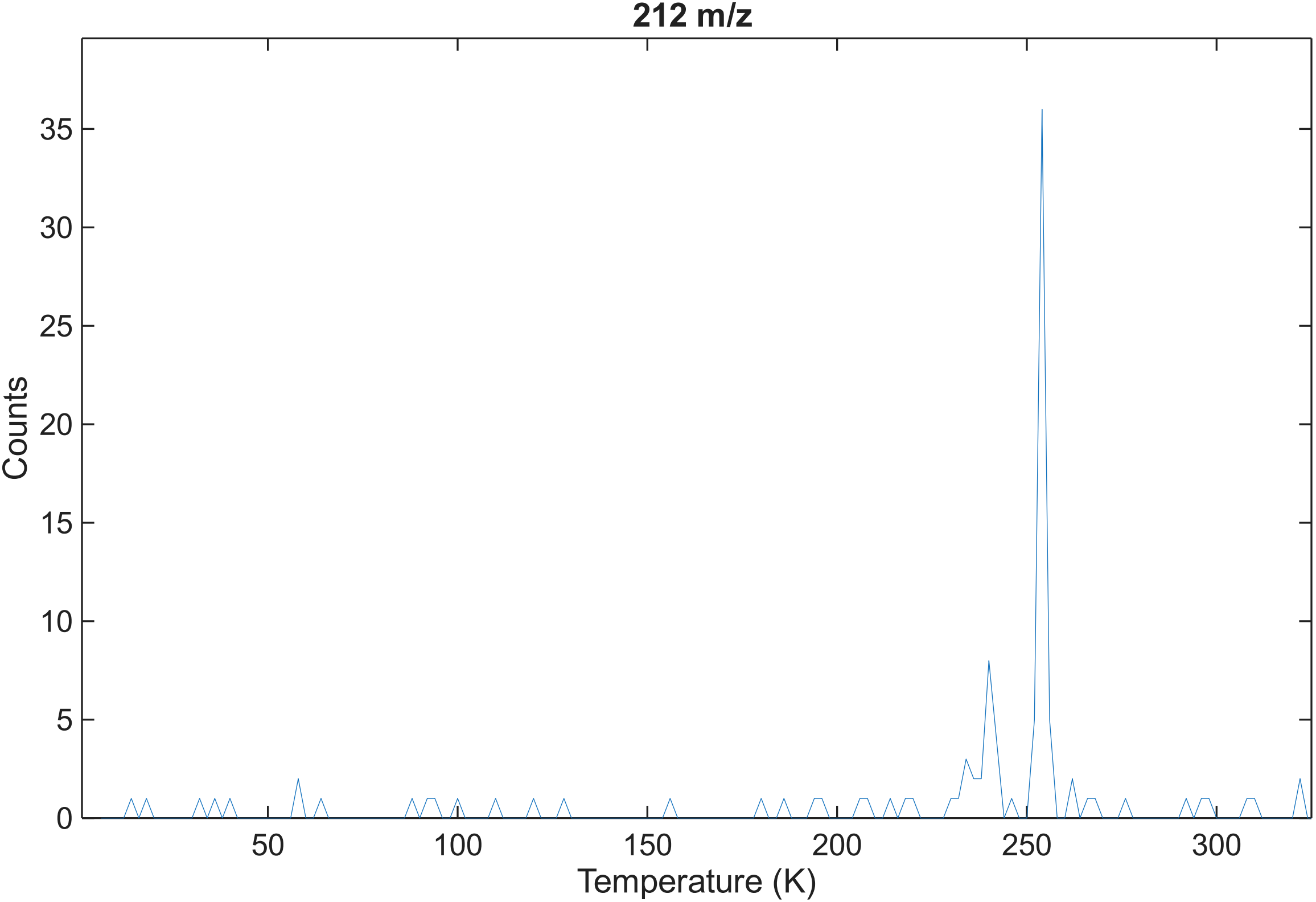
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Temperature (K)
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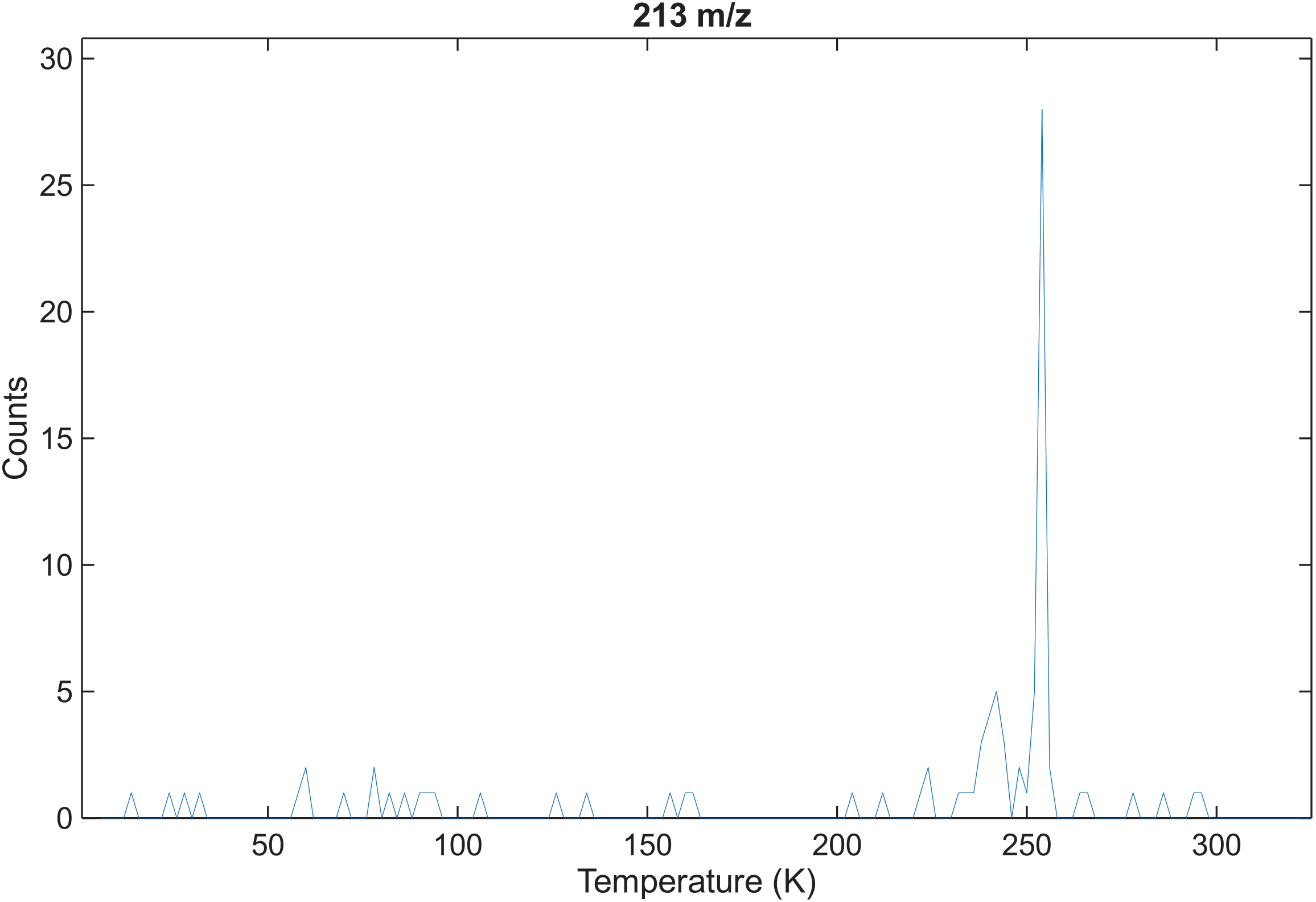
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Counts
Temperature (K)
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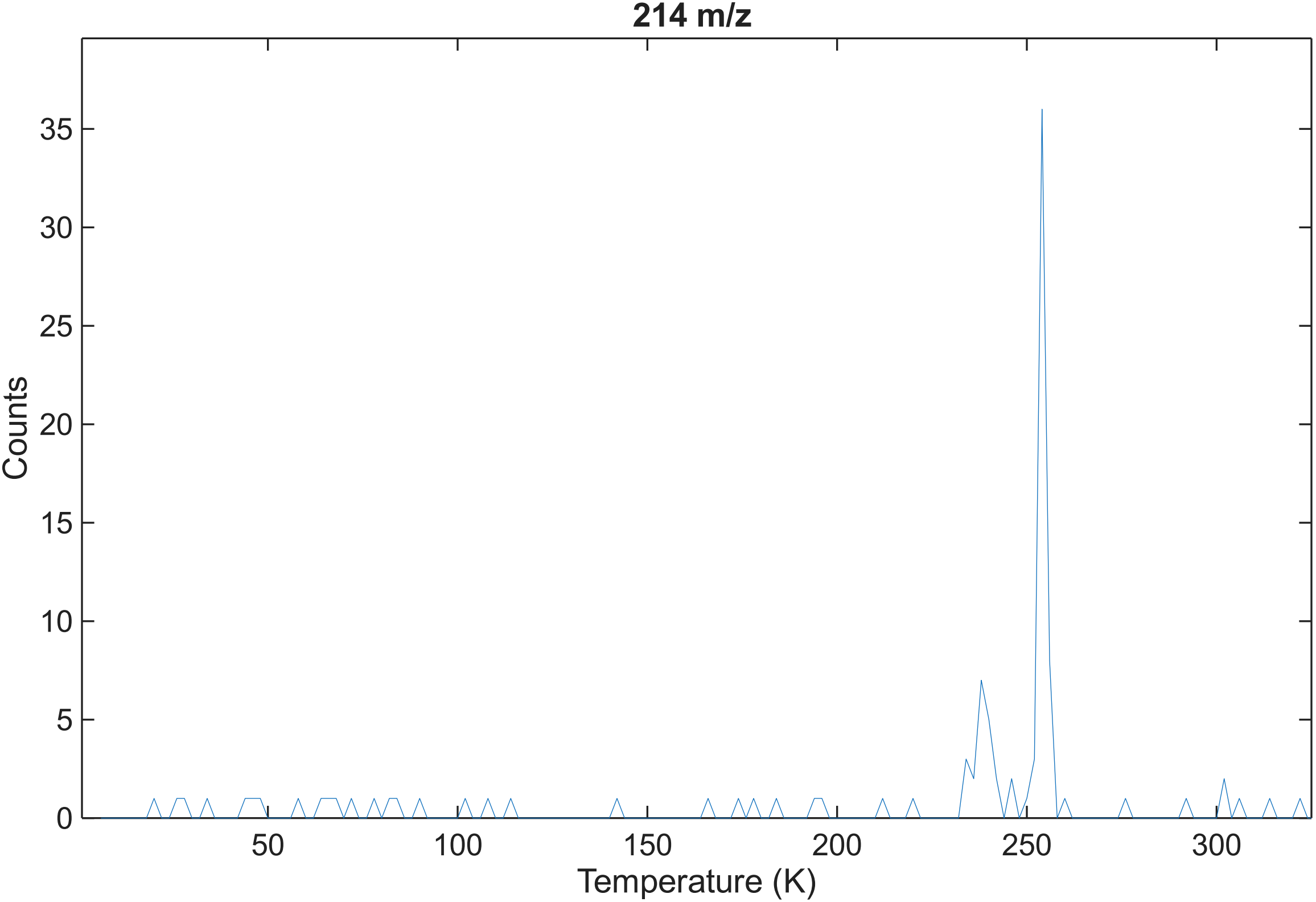
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Temperature (K)
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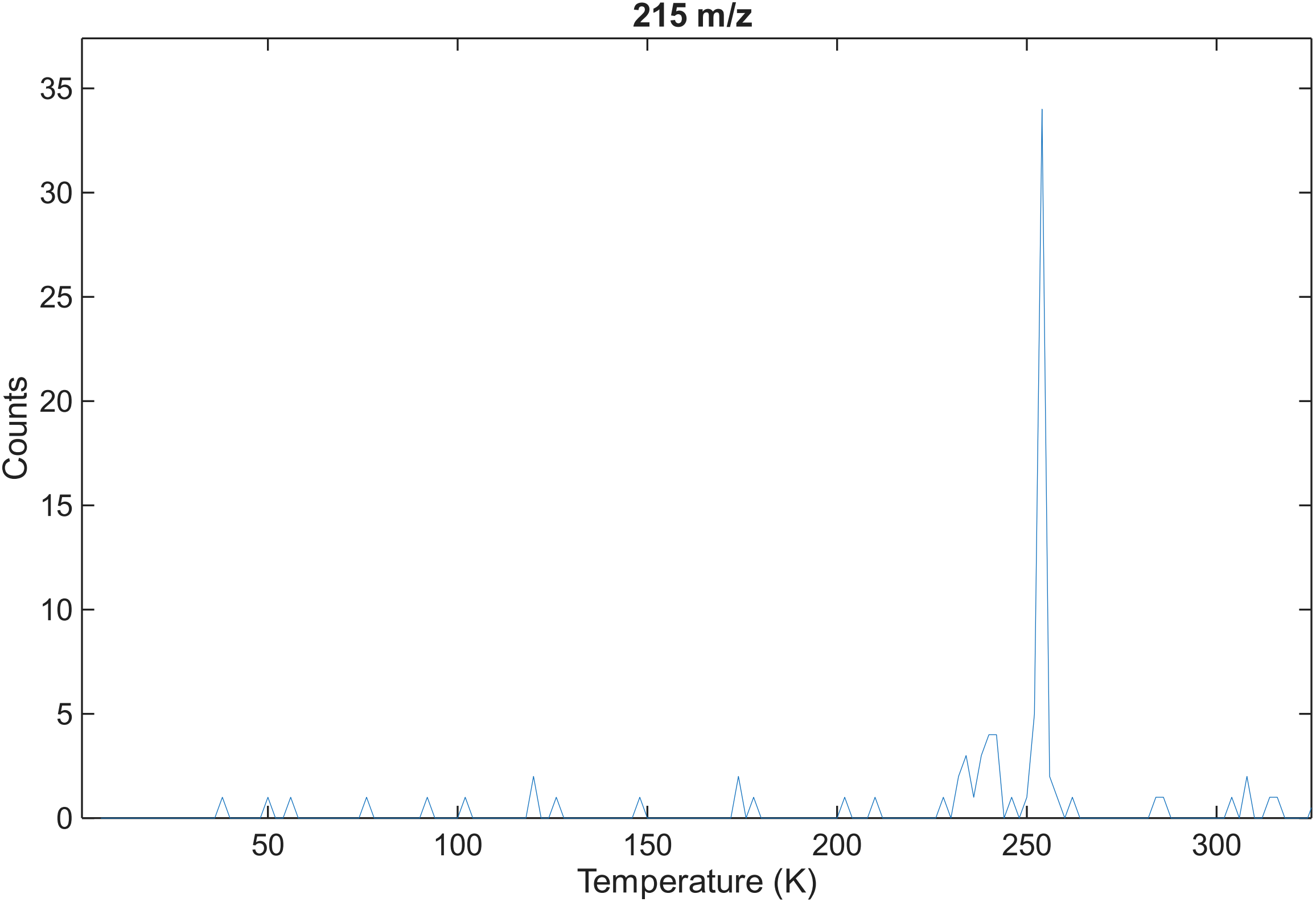
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Temperature (K)
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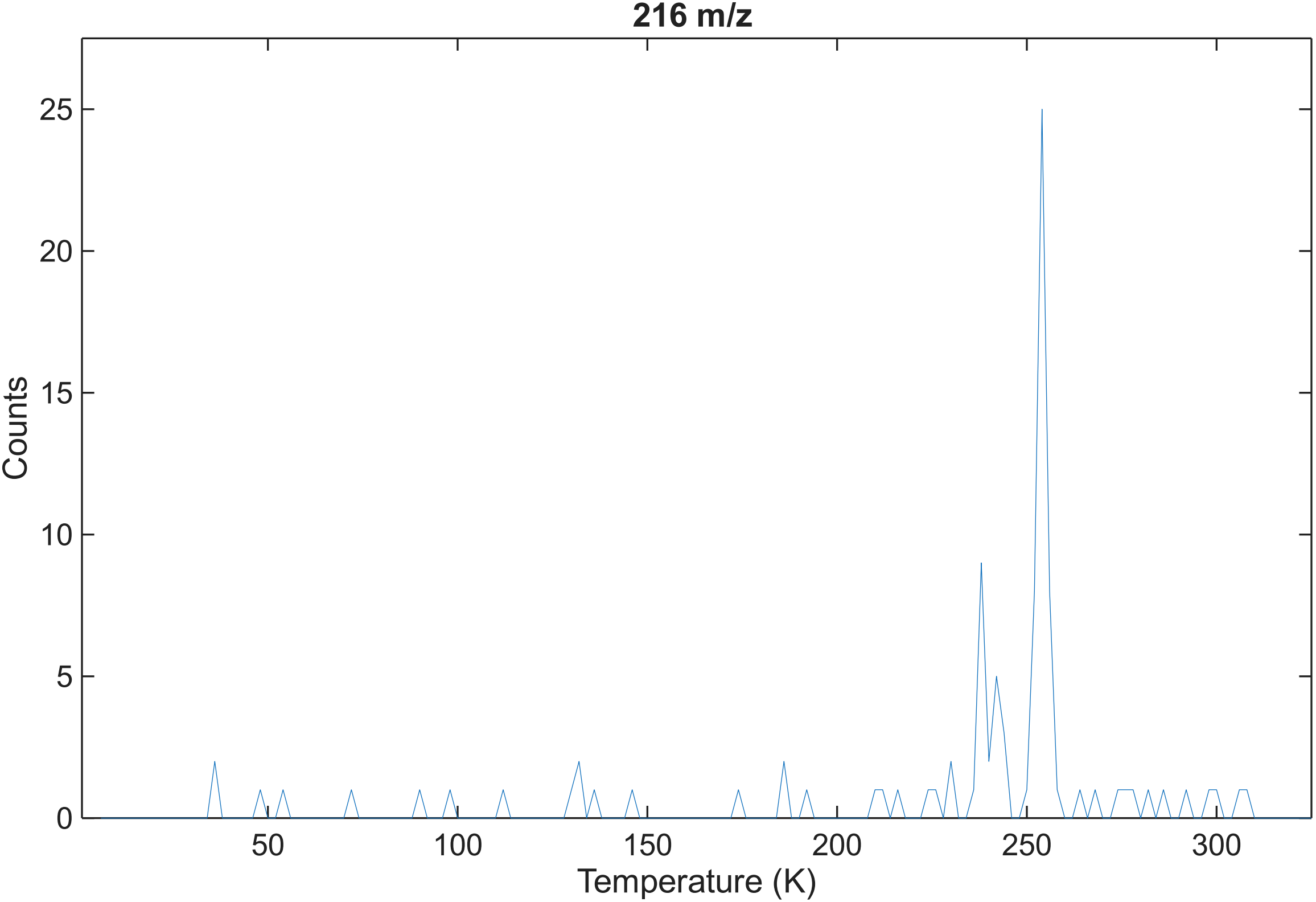
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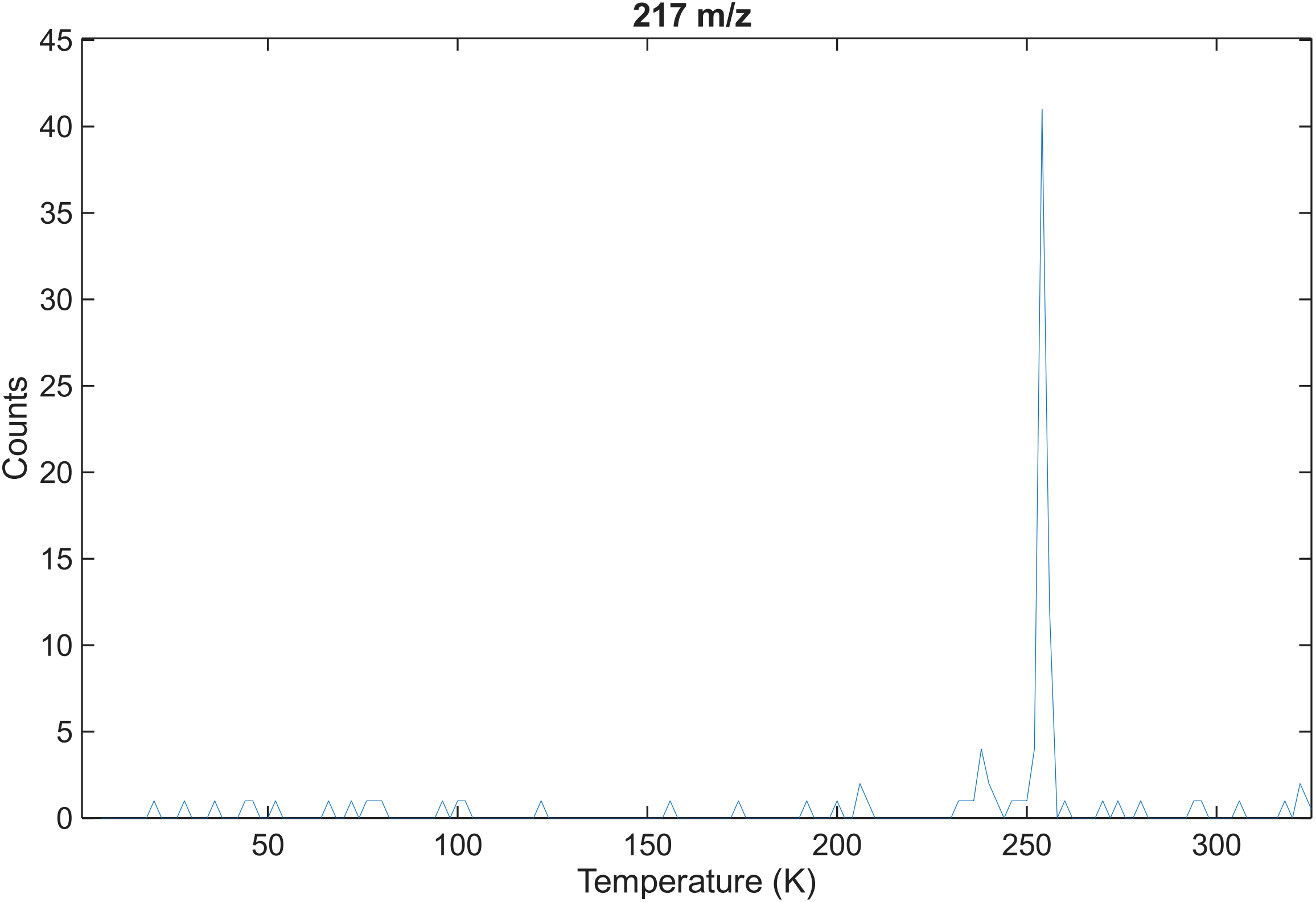
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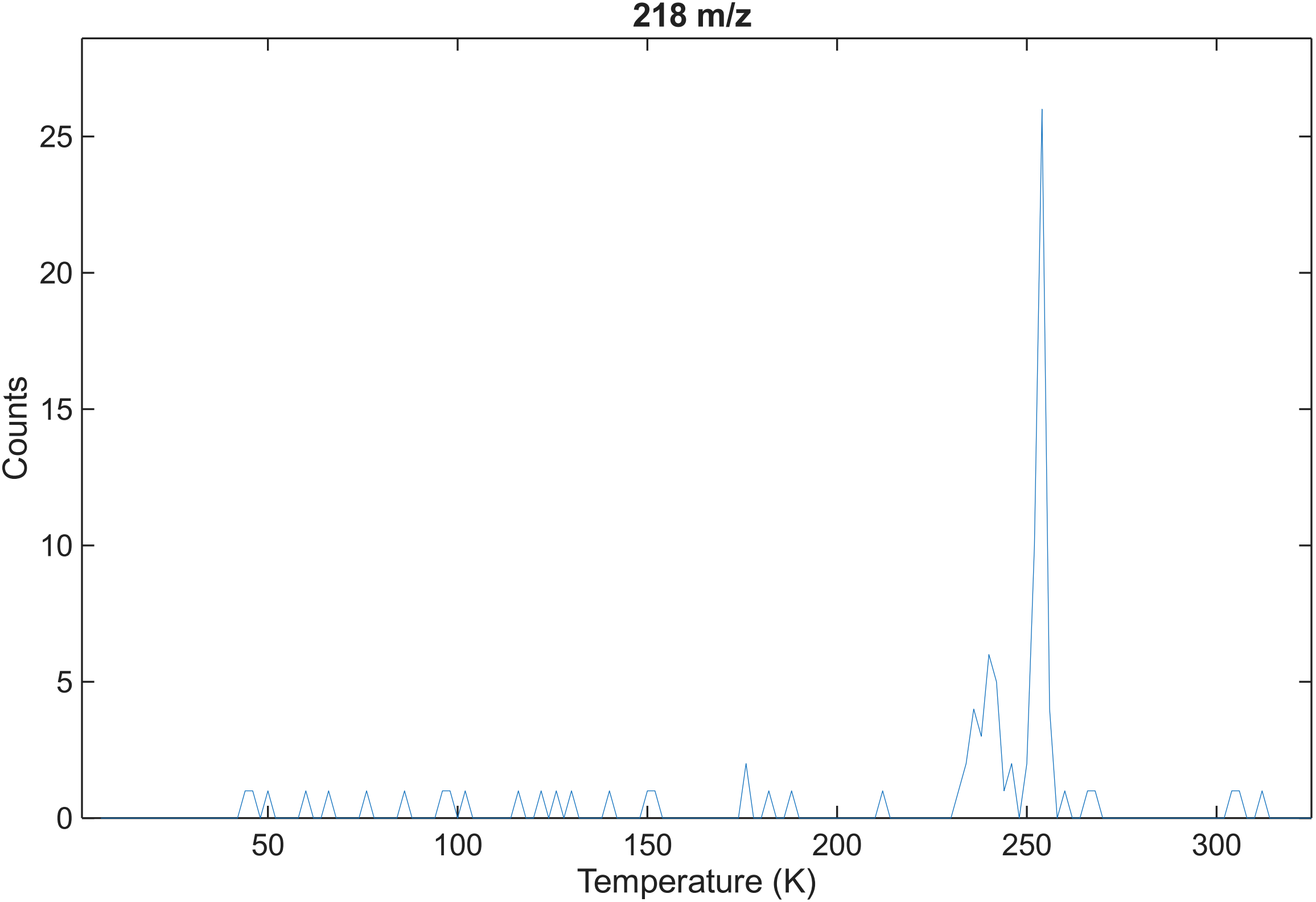
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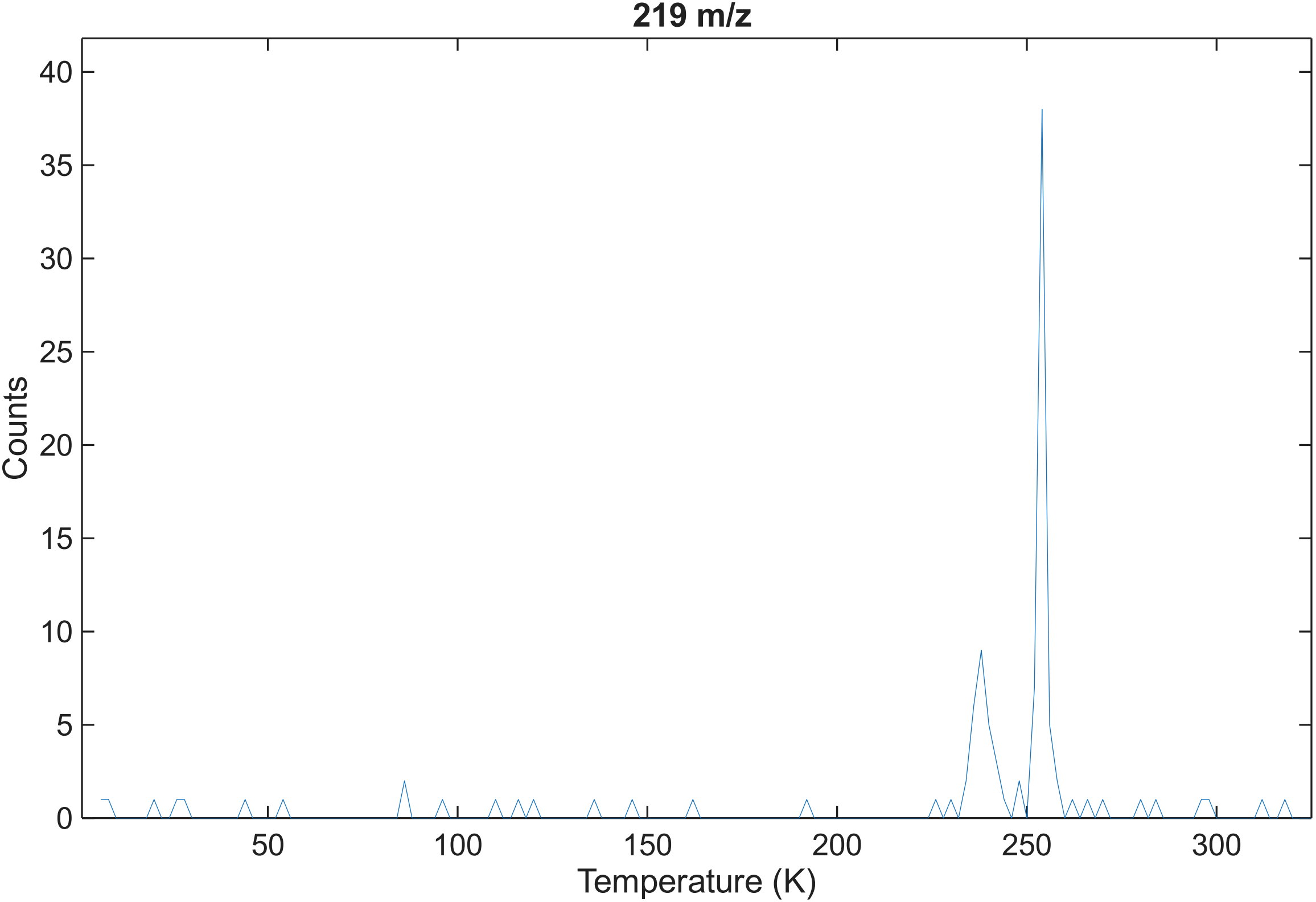
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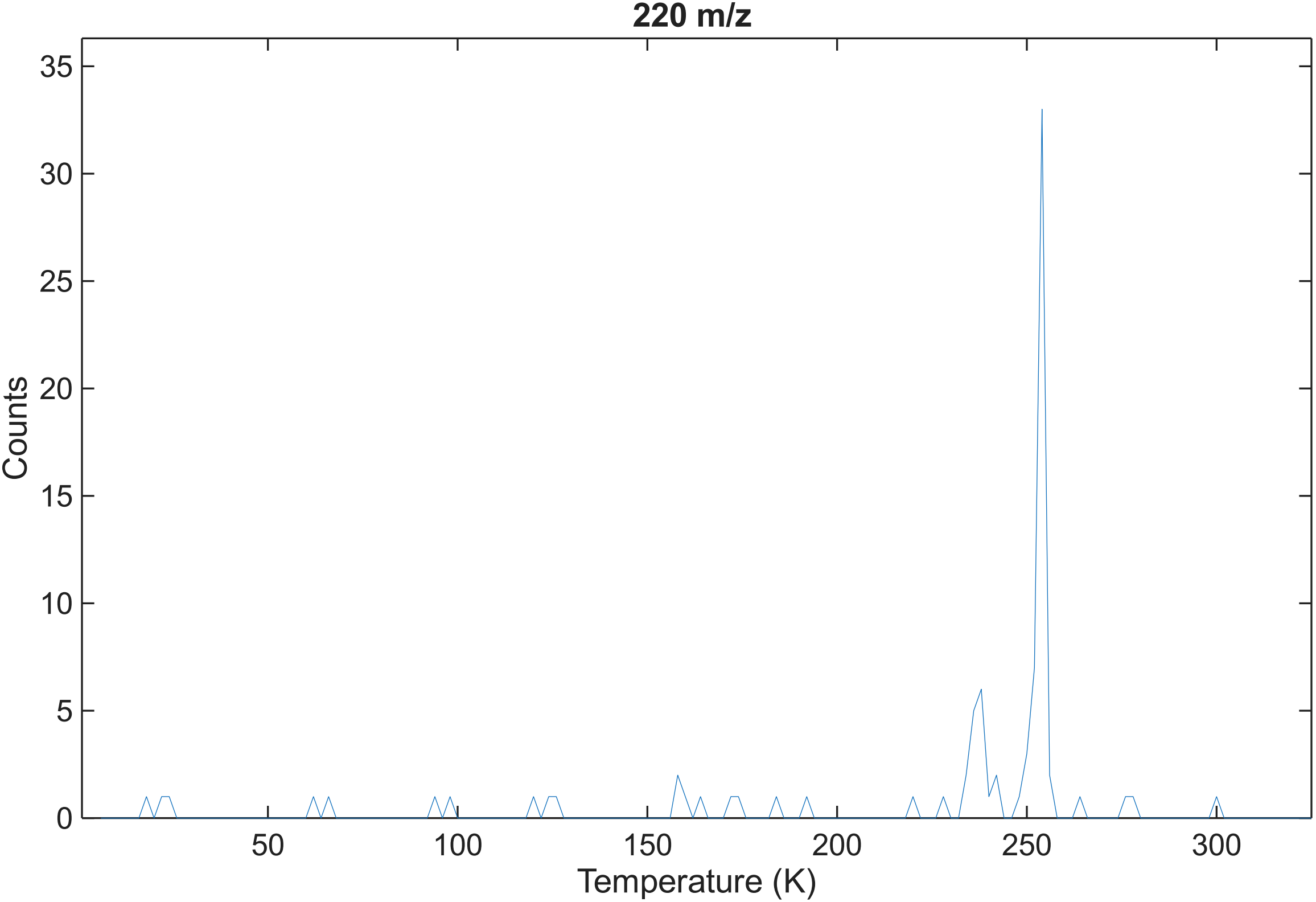
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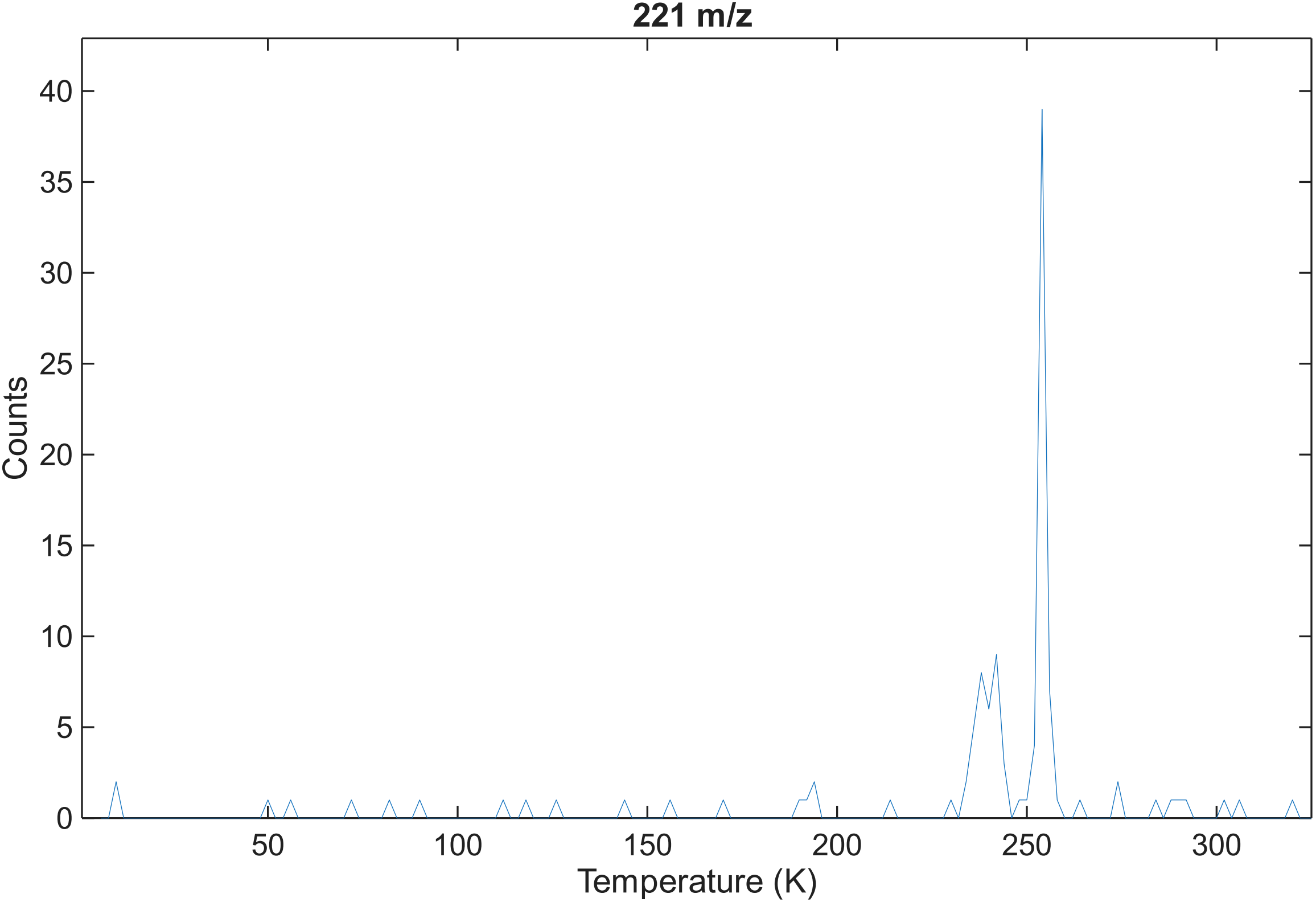
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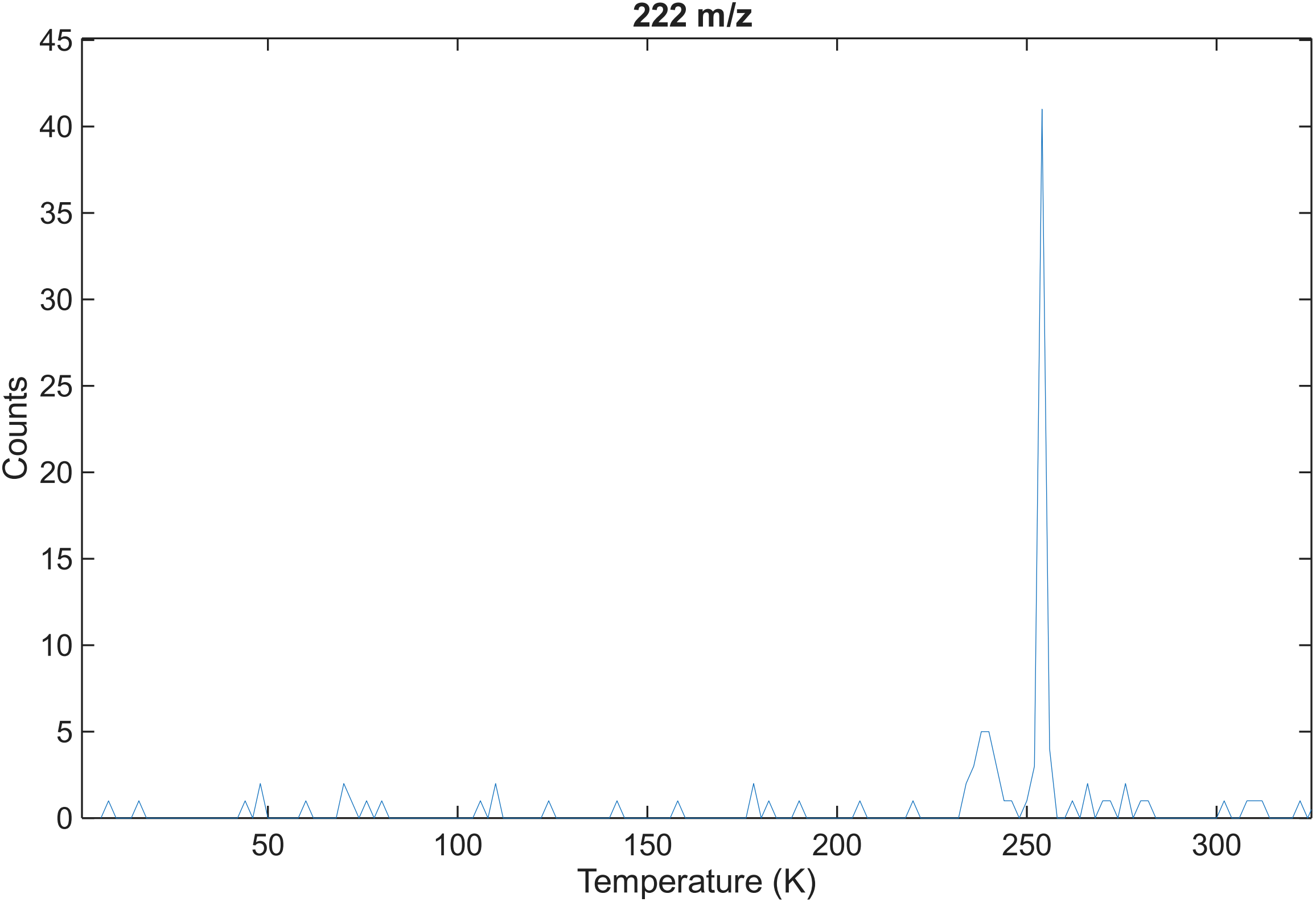
222 m/z
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Counts
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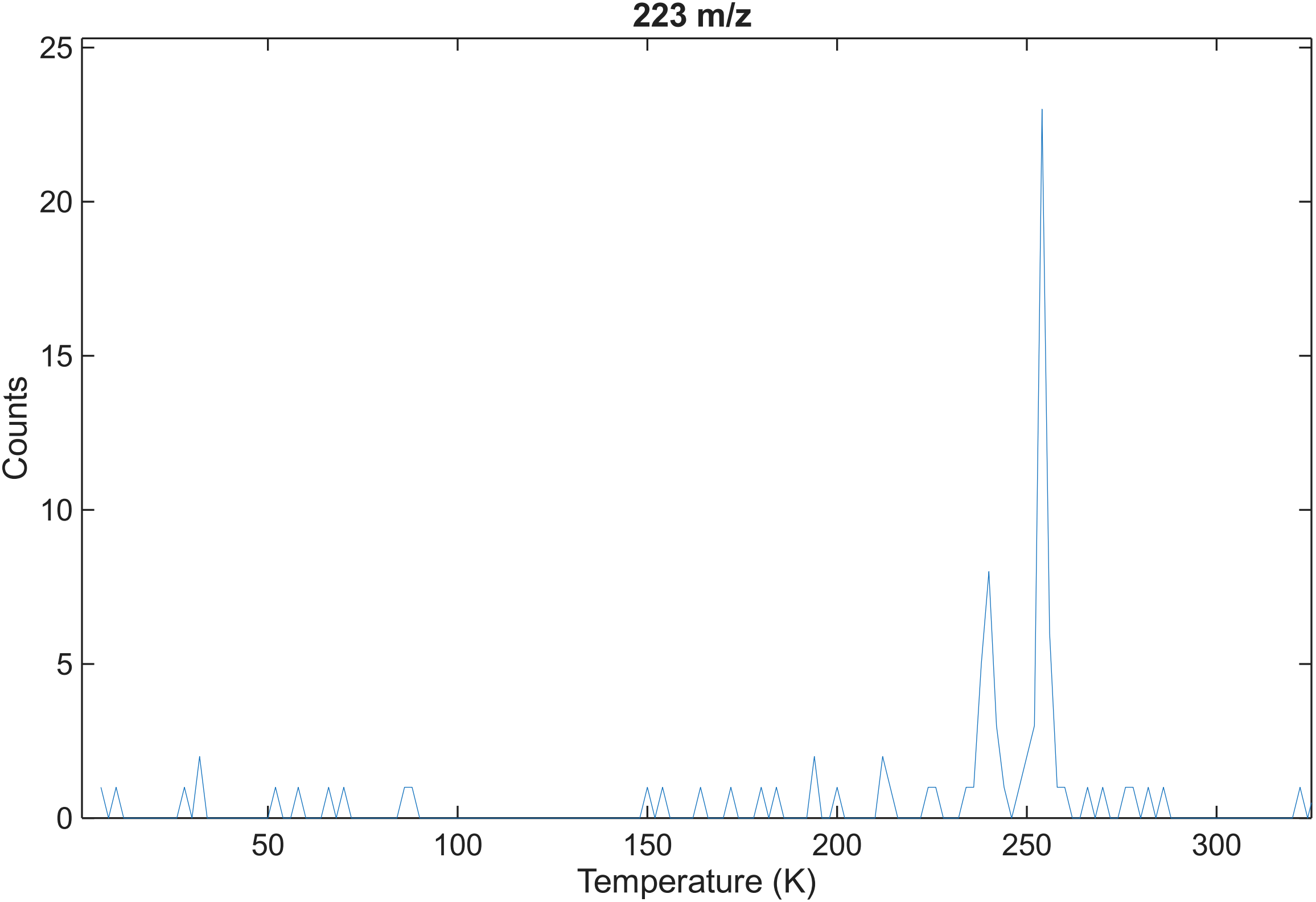
Temperature (K)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Temperature (K)
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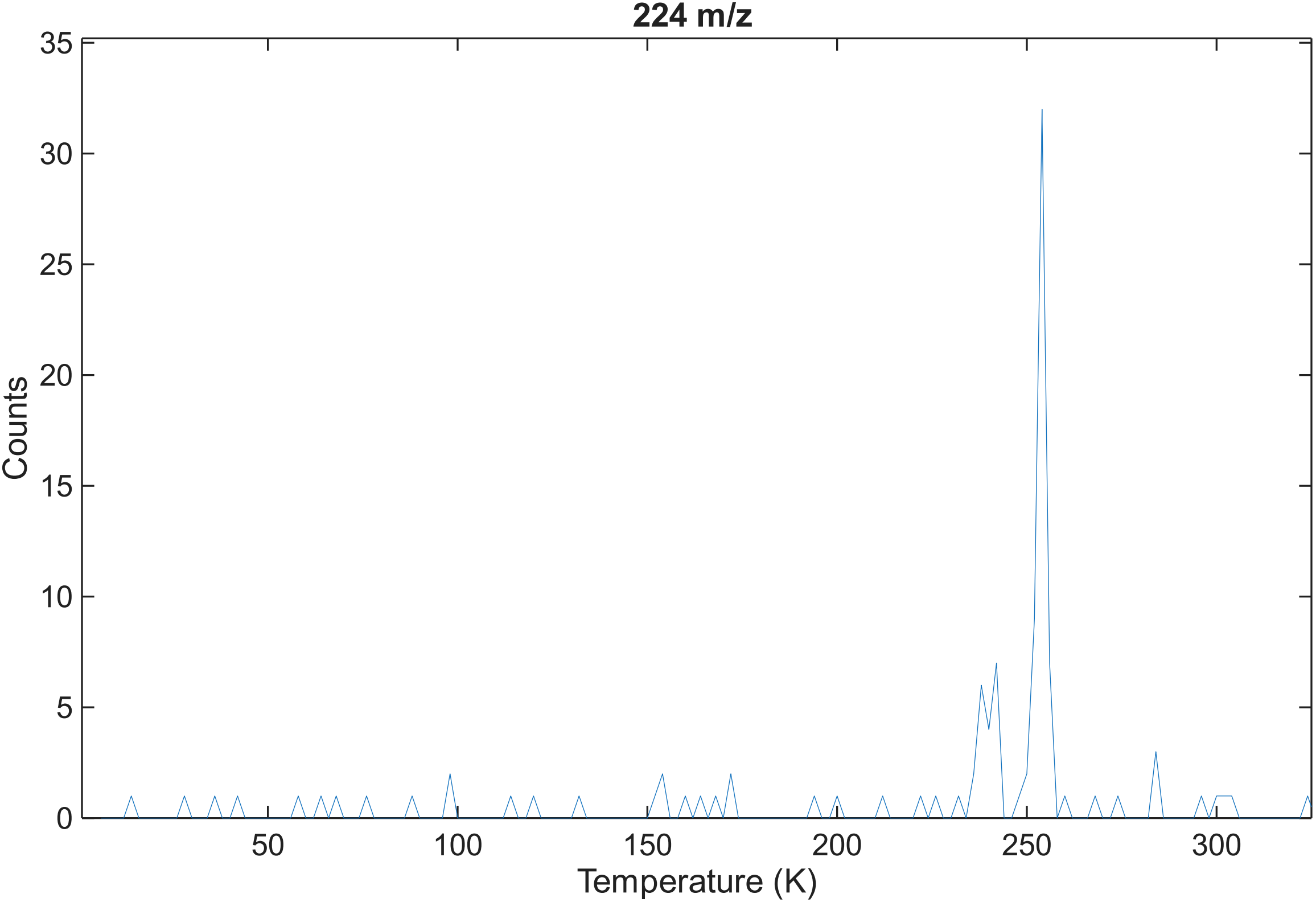
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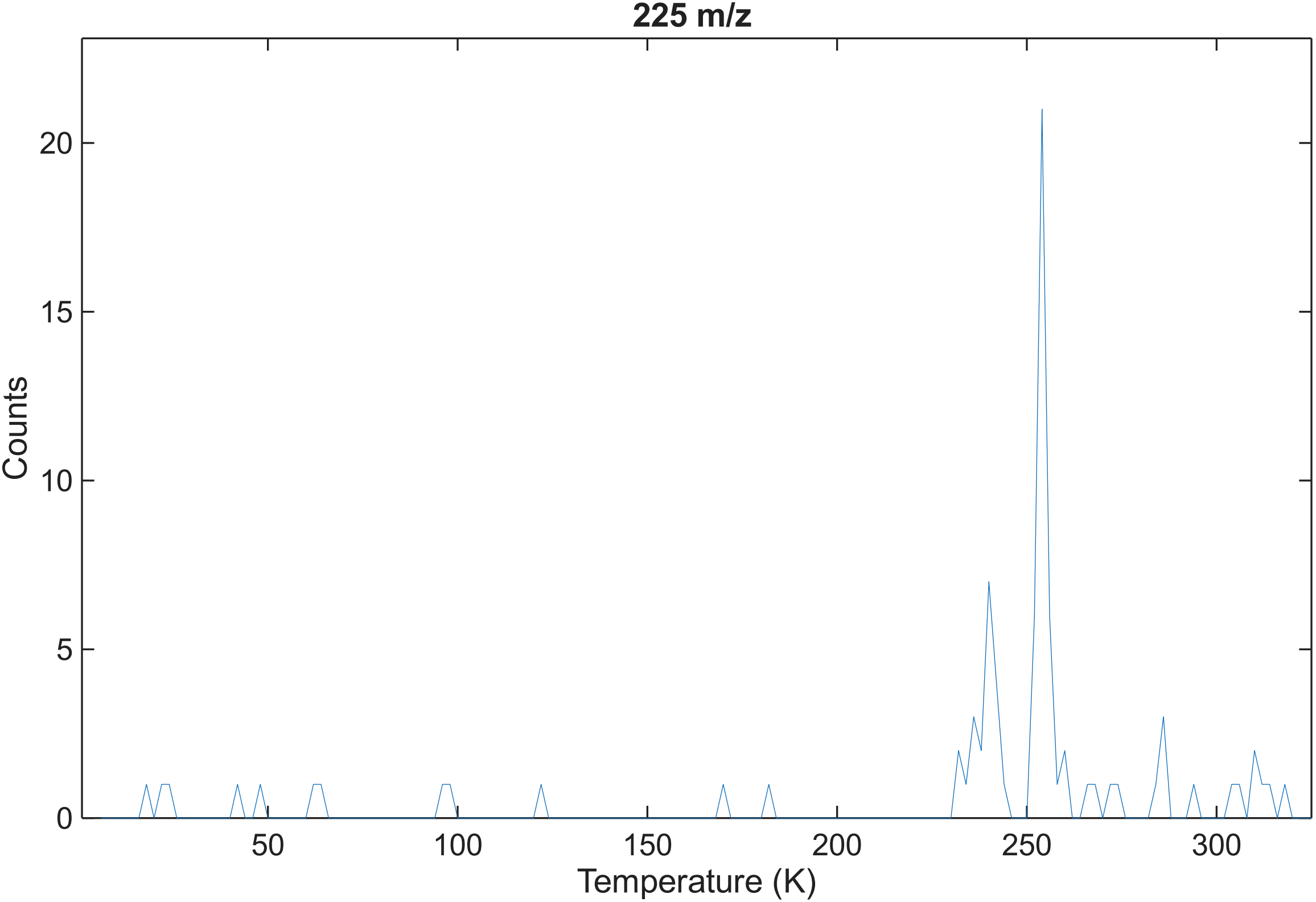
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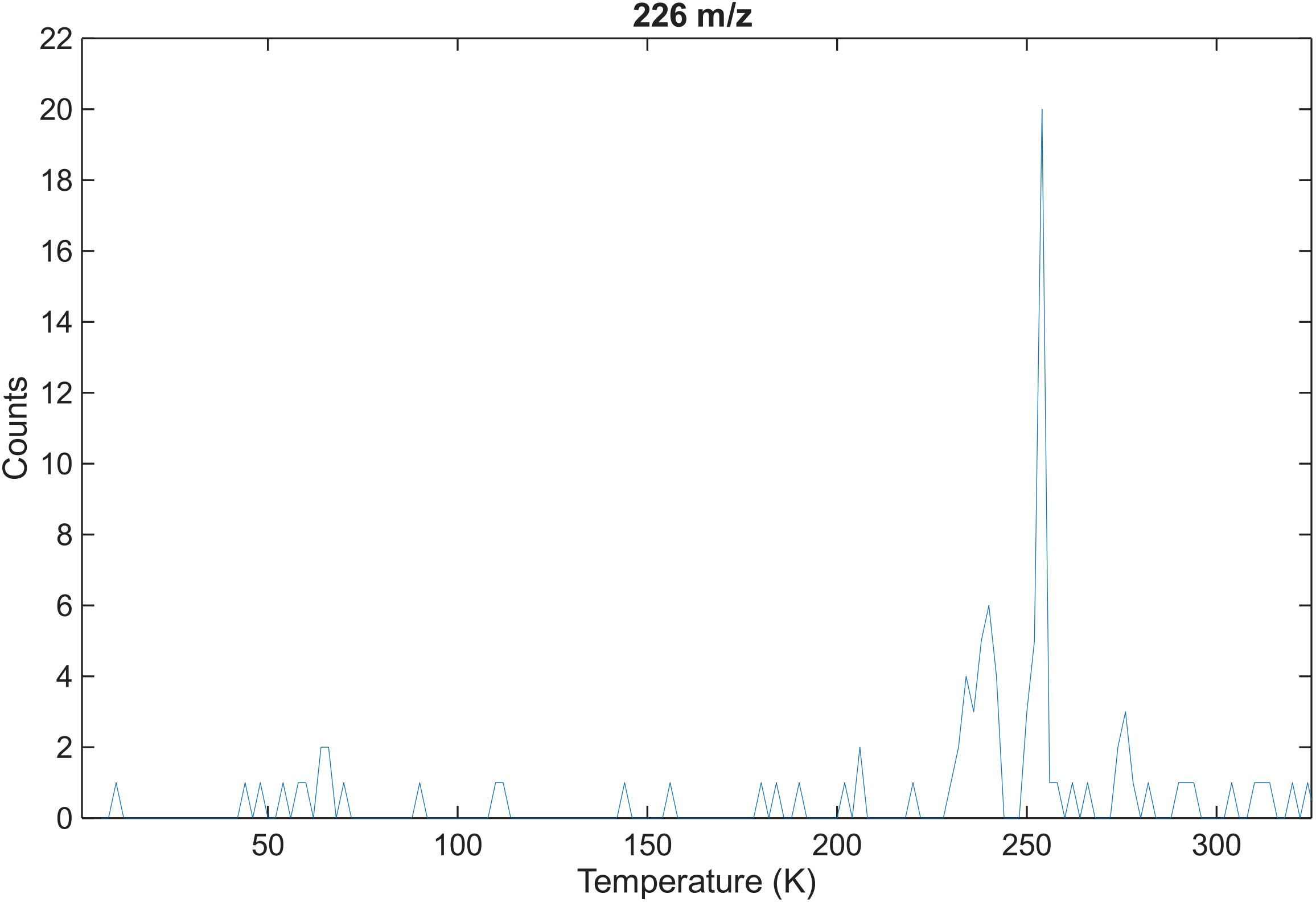
Temperature (K)


226 m/z
Counts
Temperature (K)
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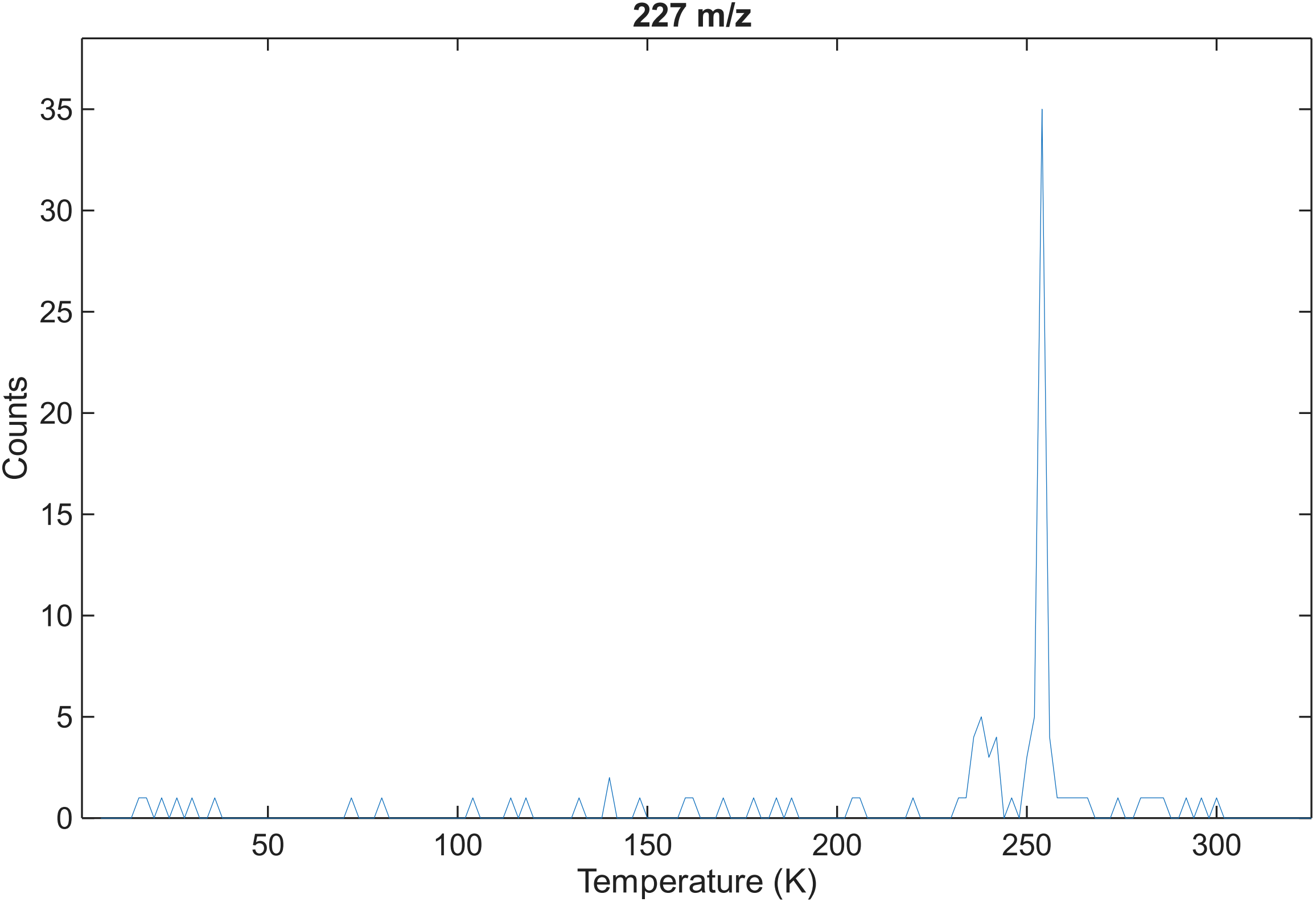
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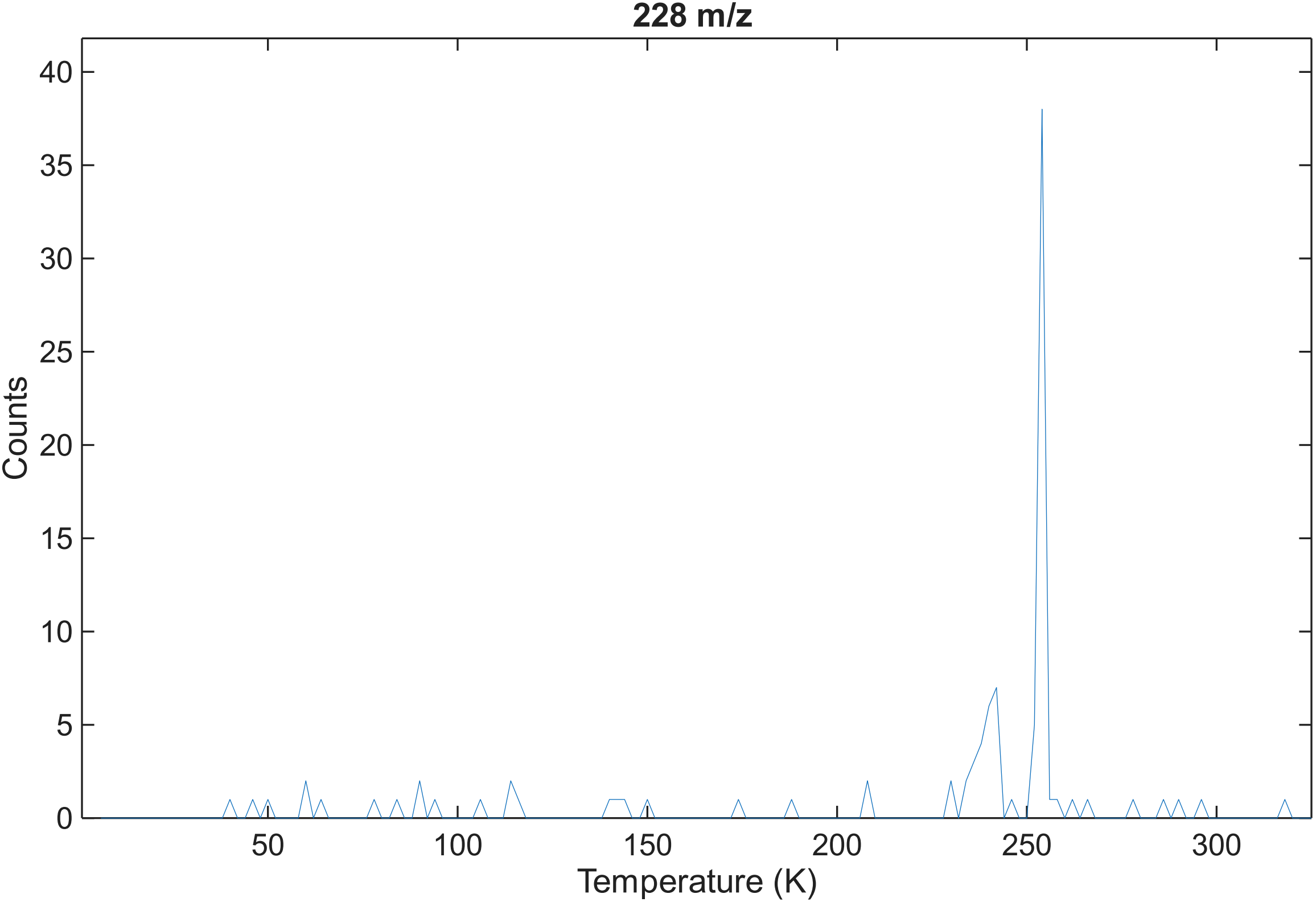
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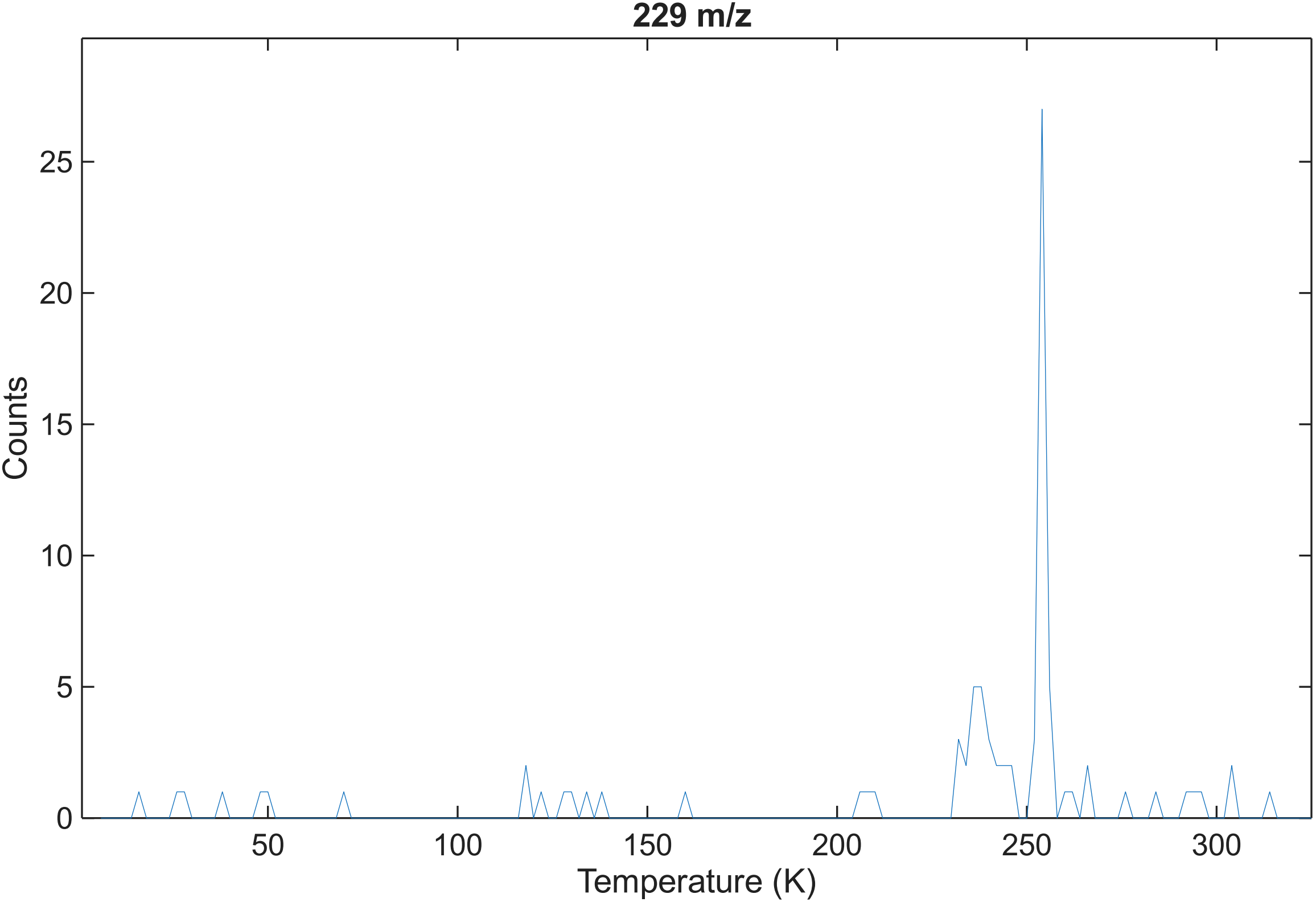
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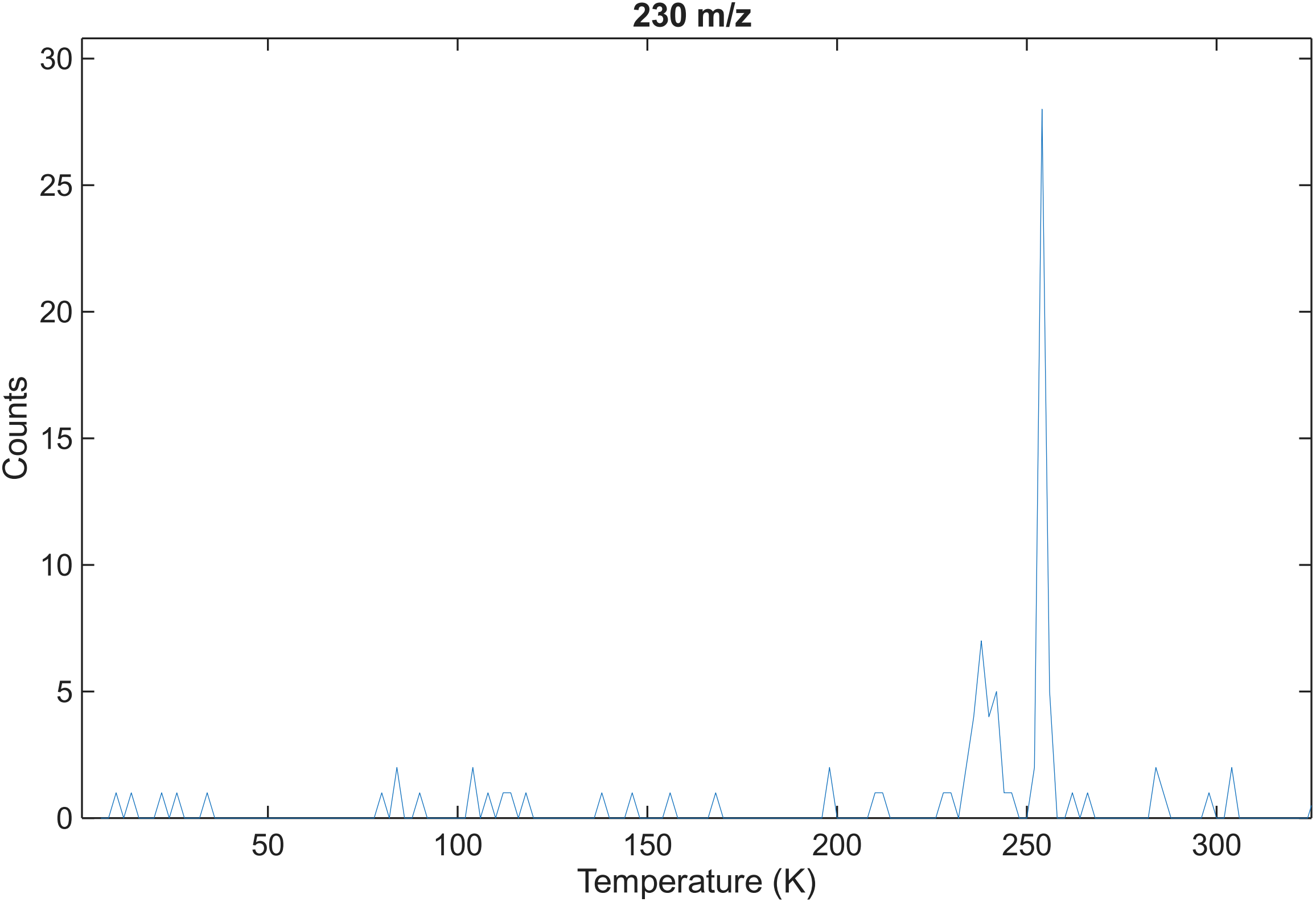
Temperature (K)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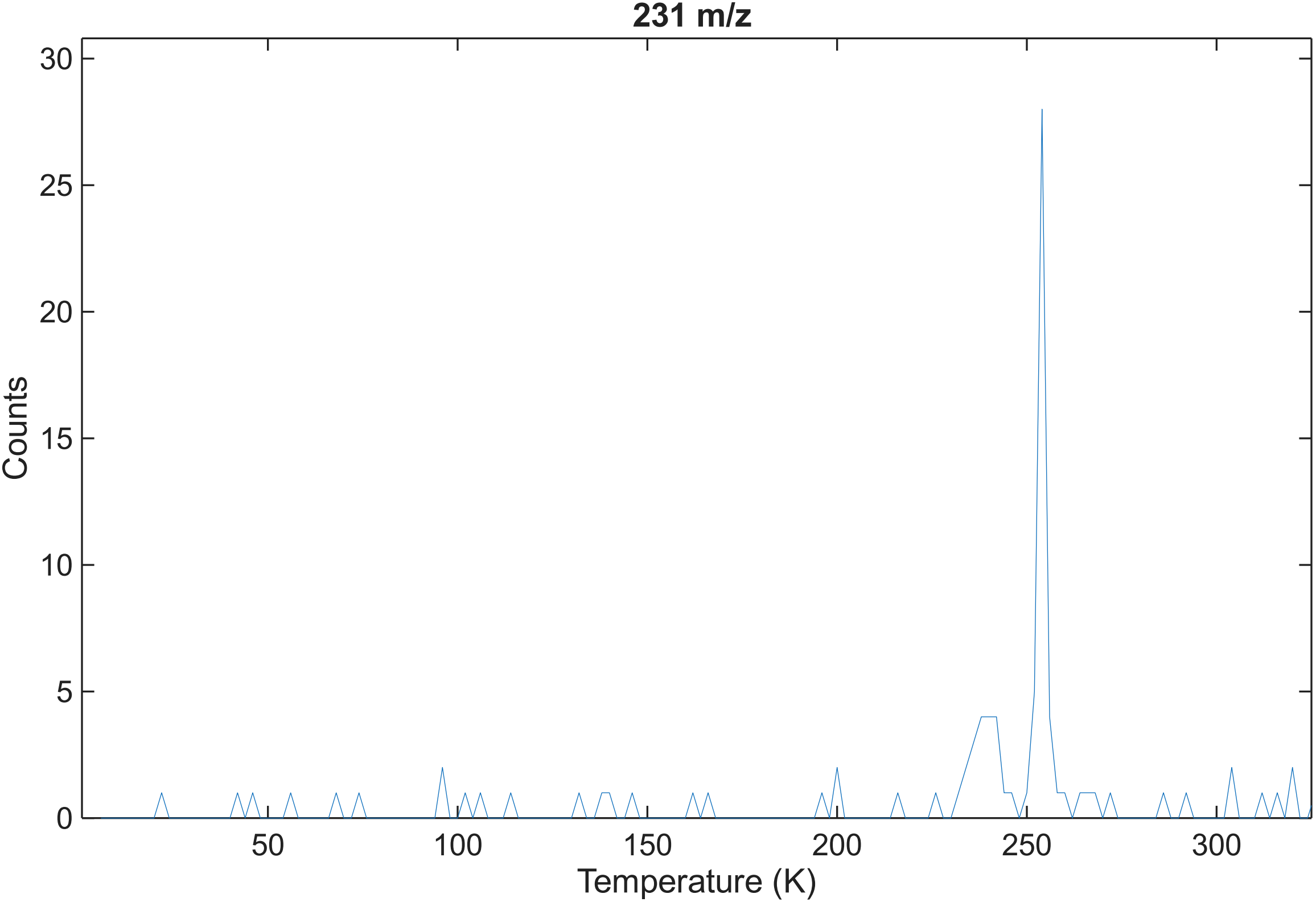
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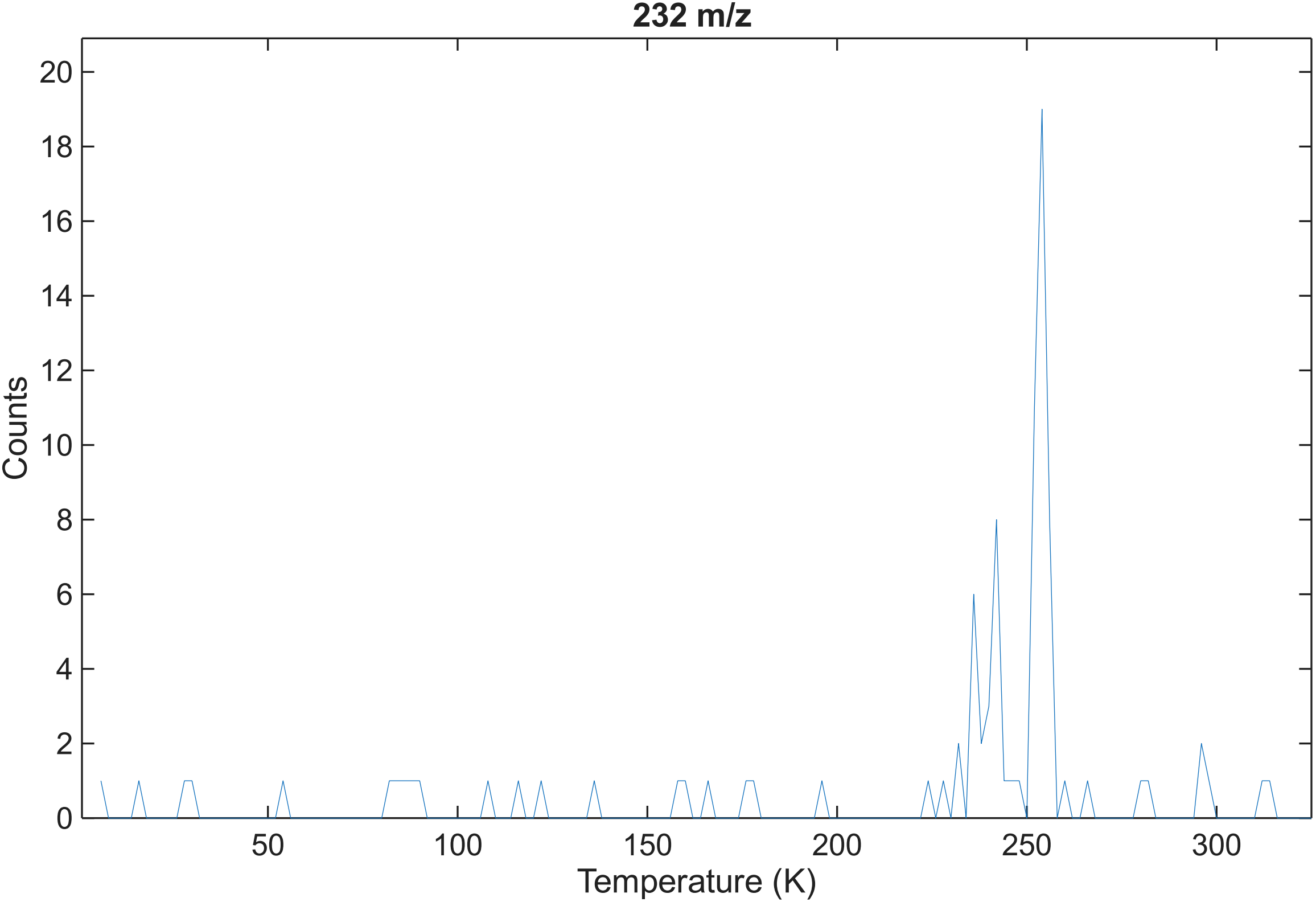
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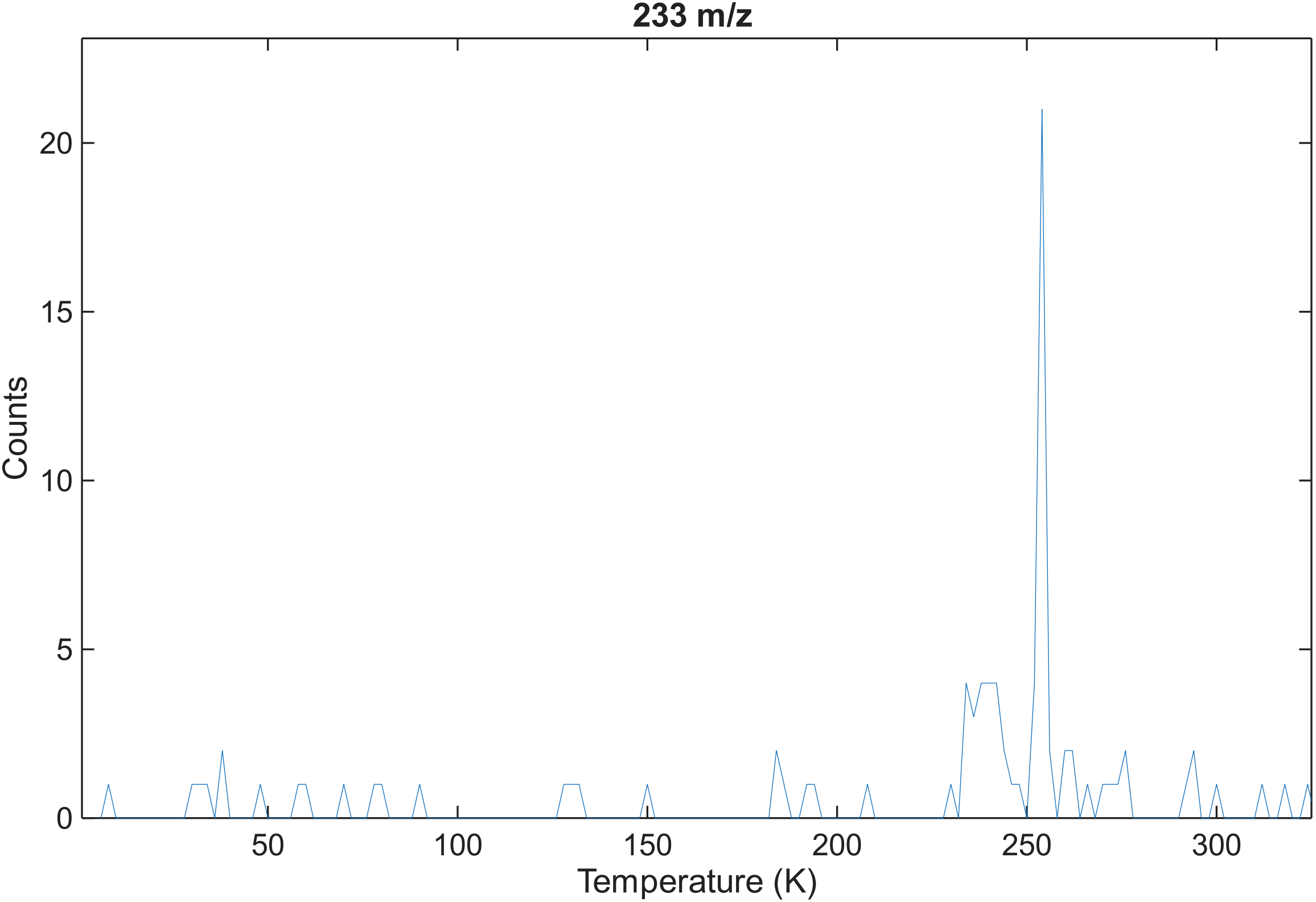
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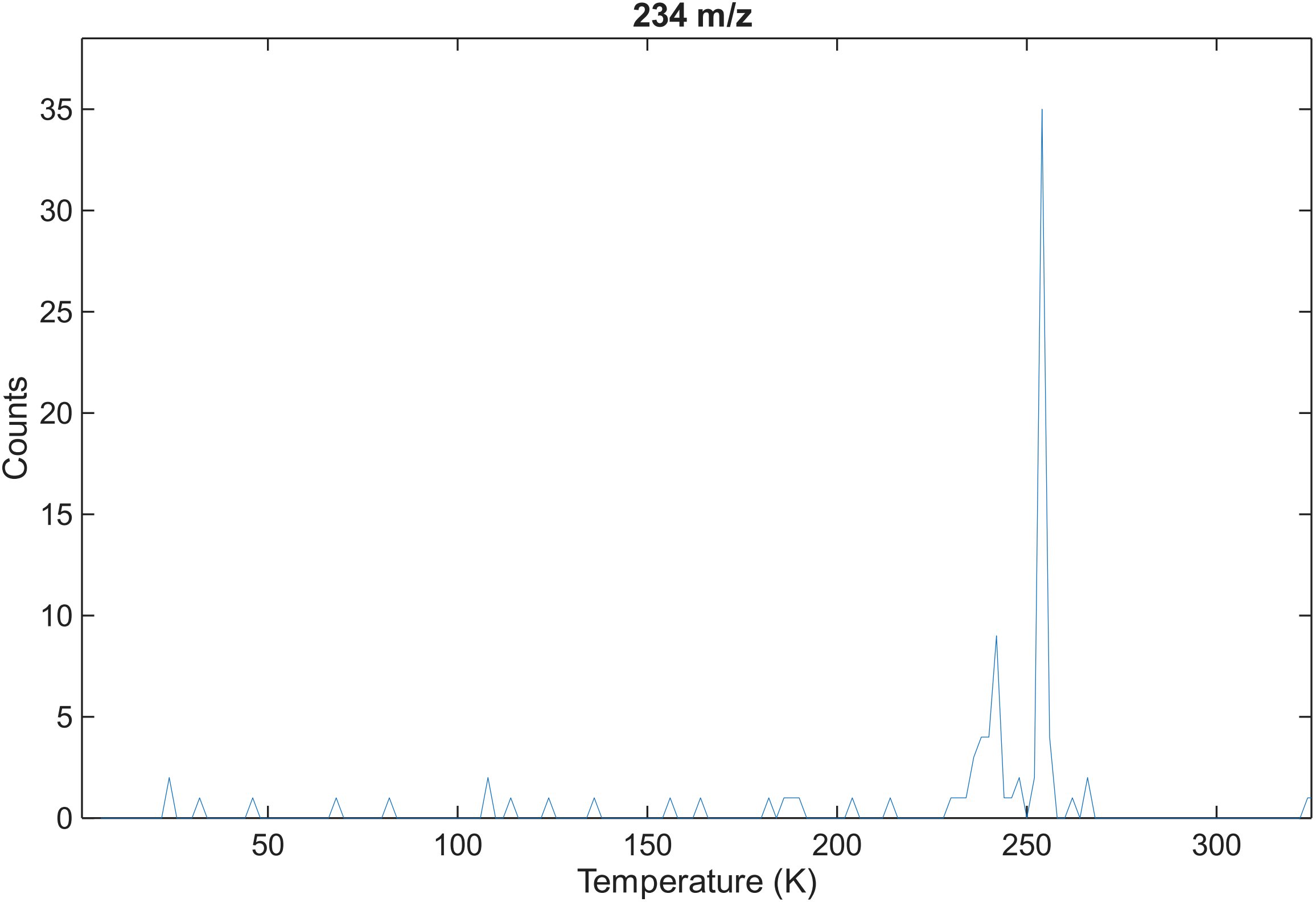
Temperature (K)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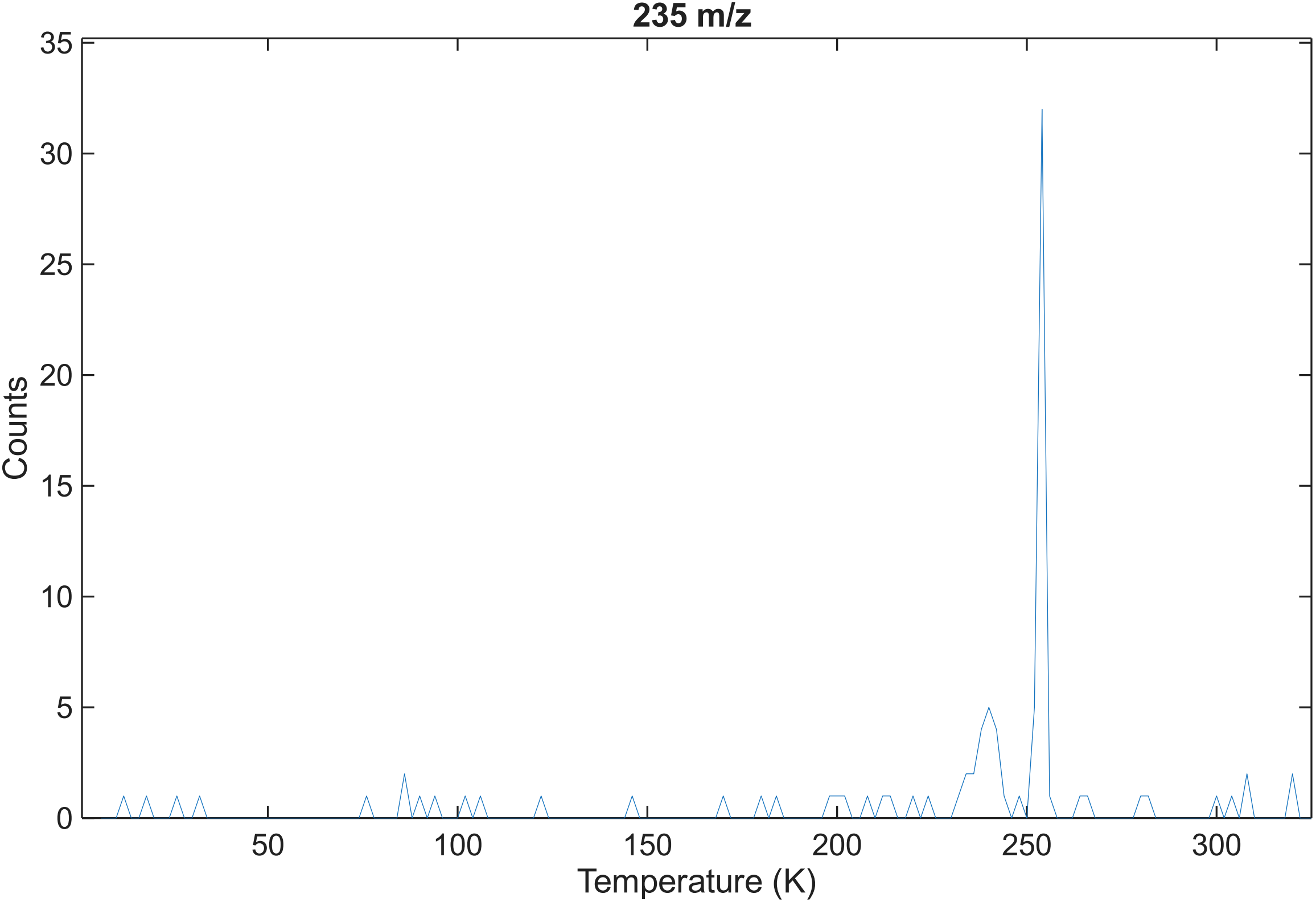
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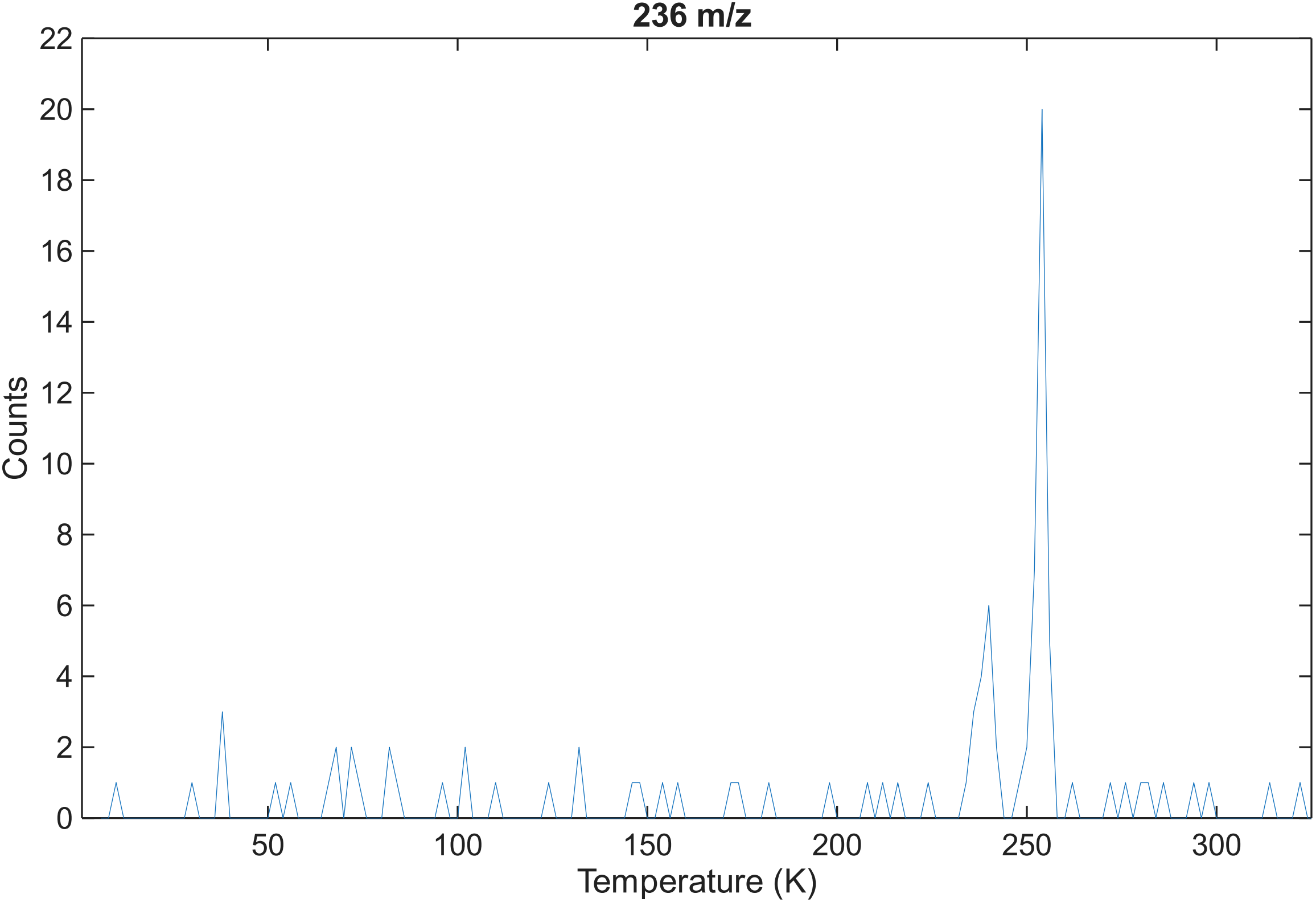
Temperature (K)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Counts
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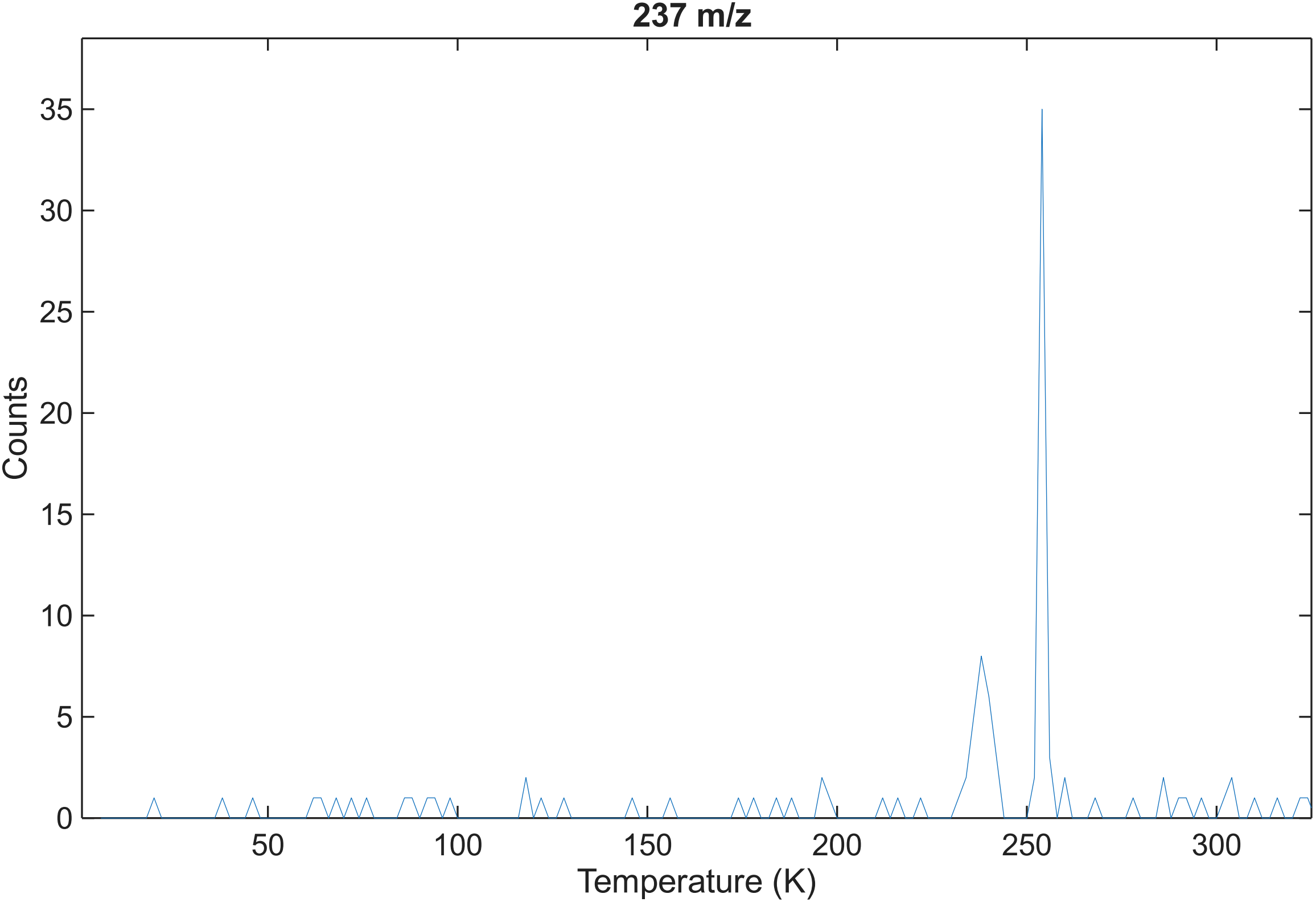
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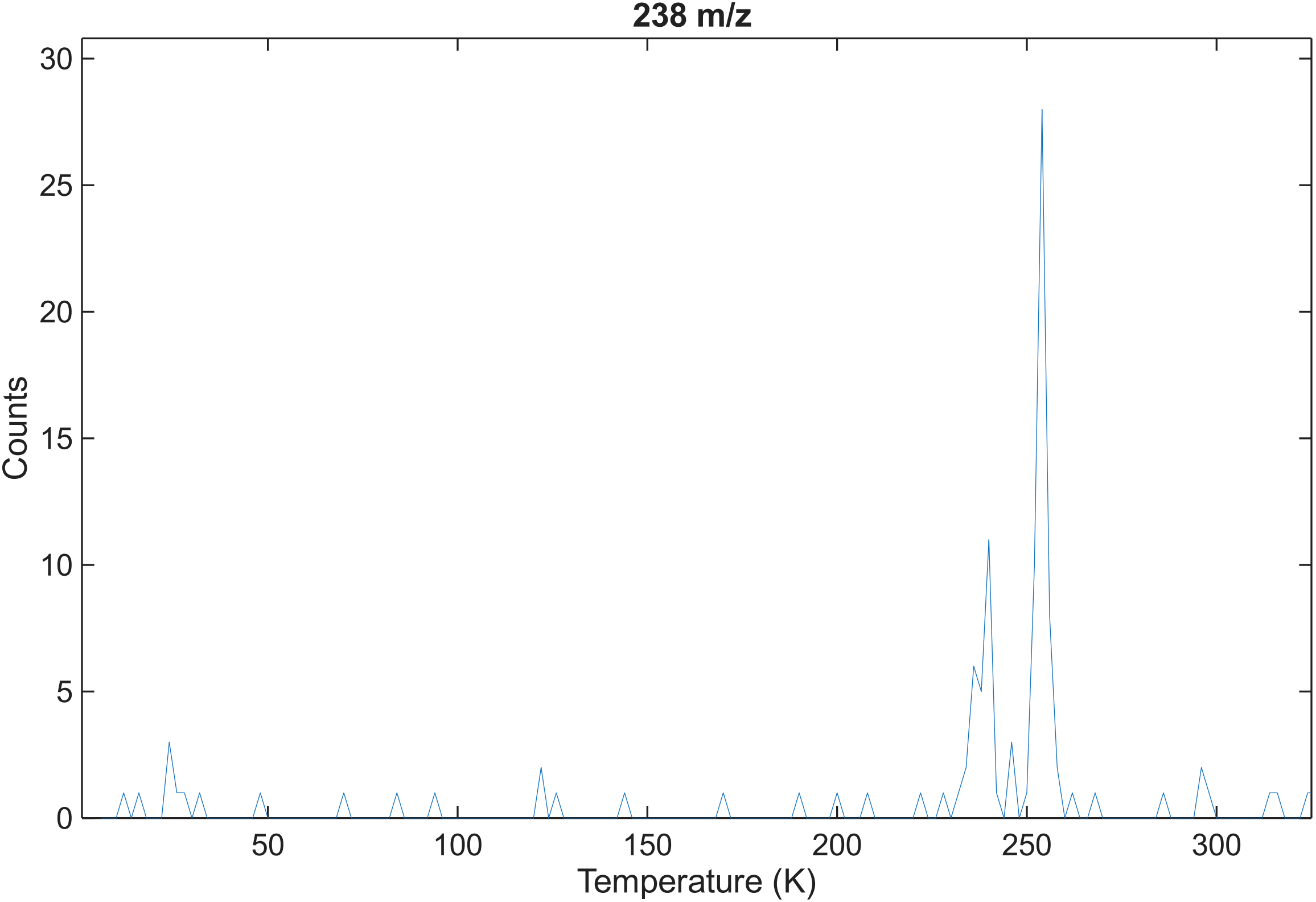
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Temperature (K)
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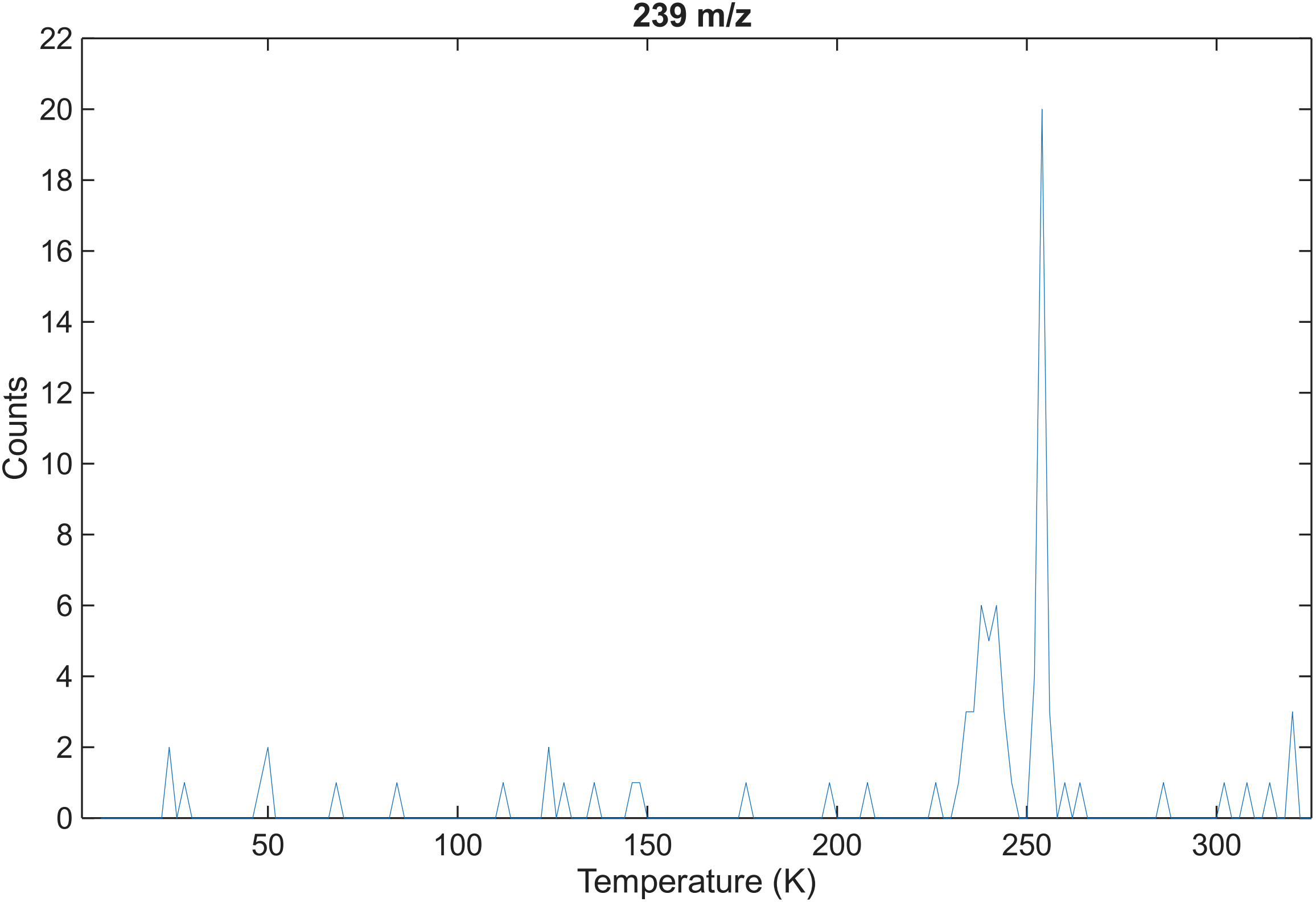
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Counts
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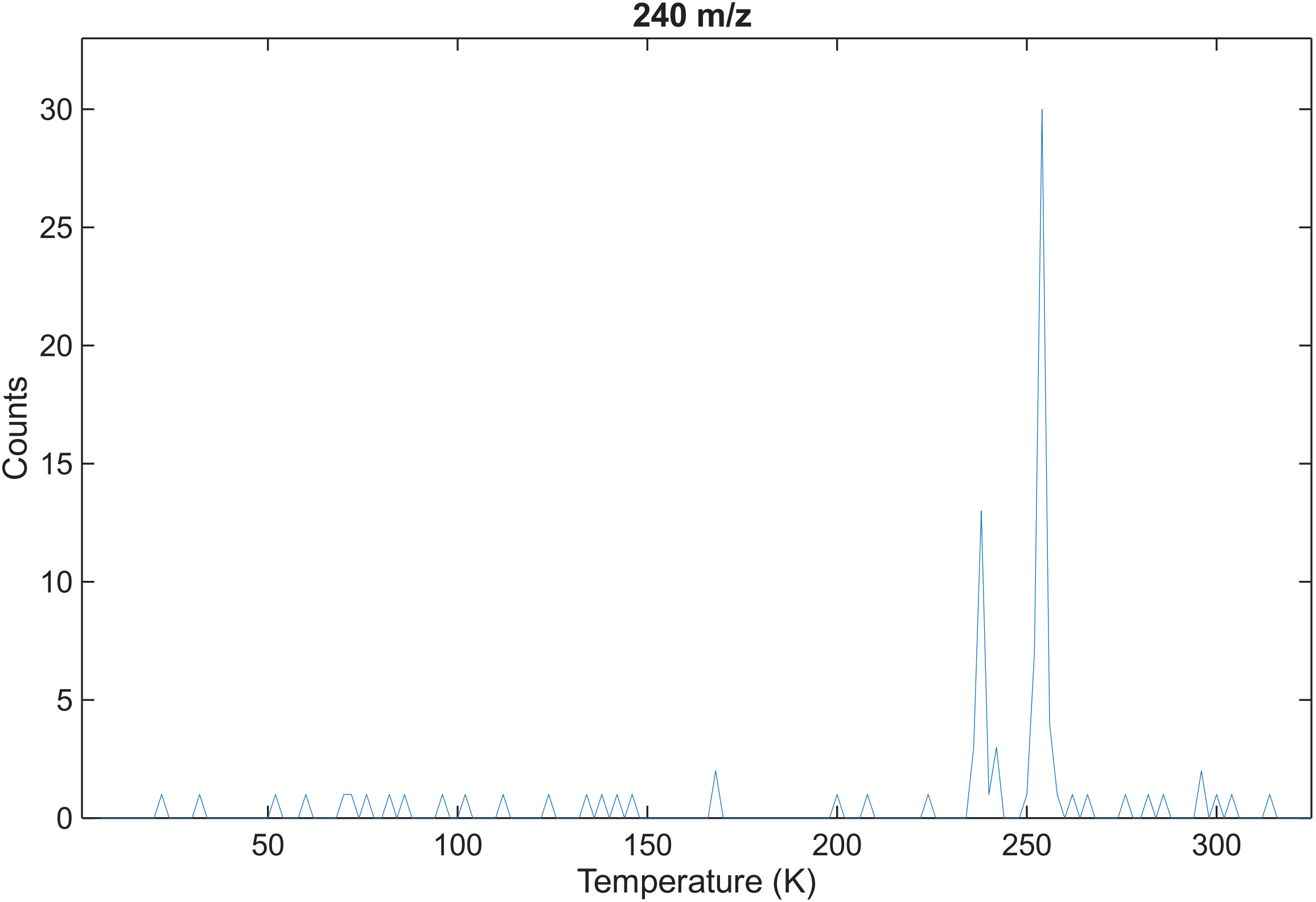
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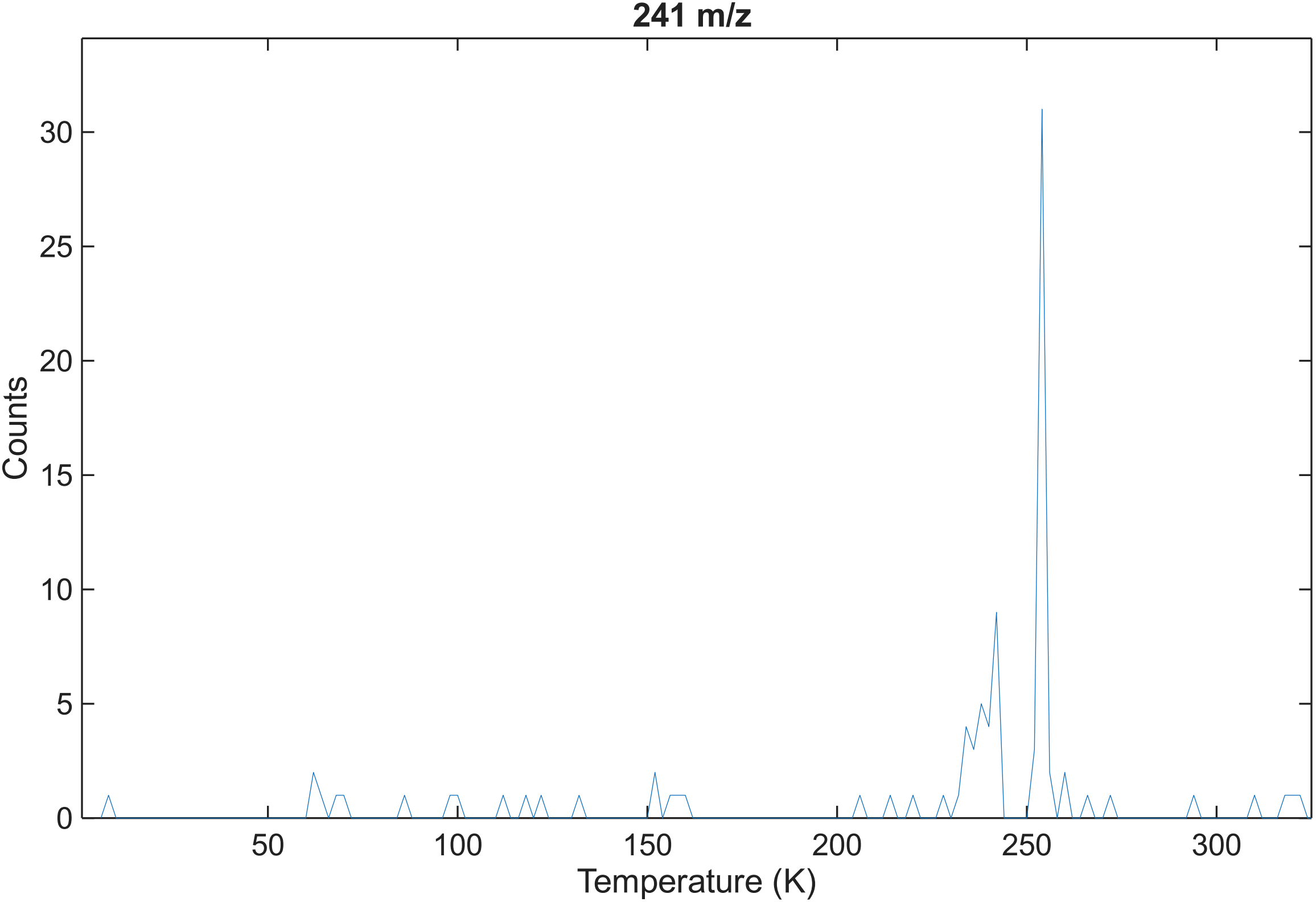
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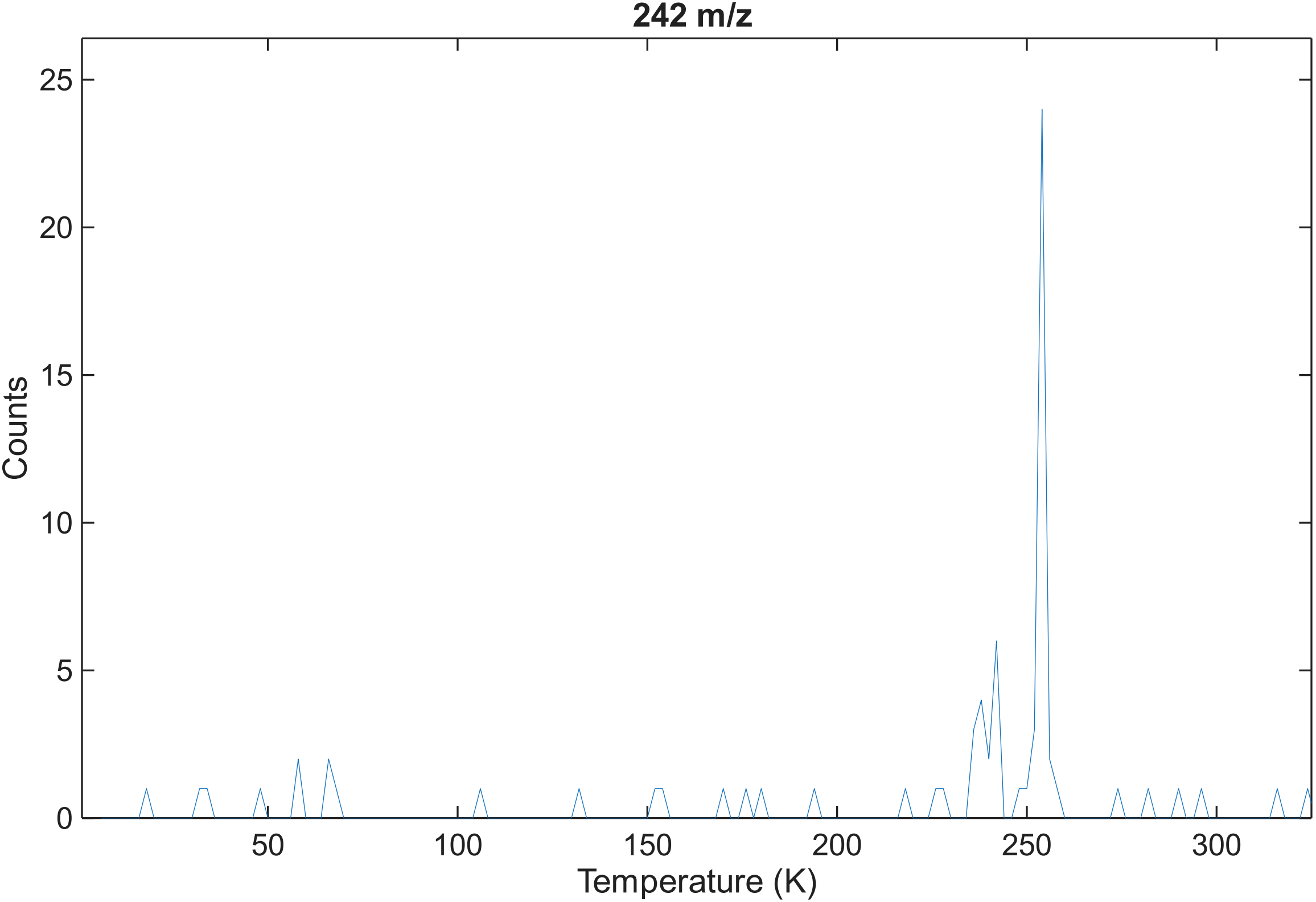
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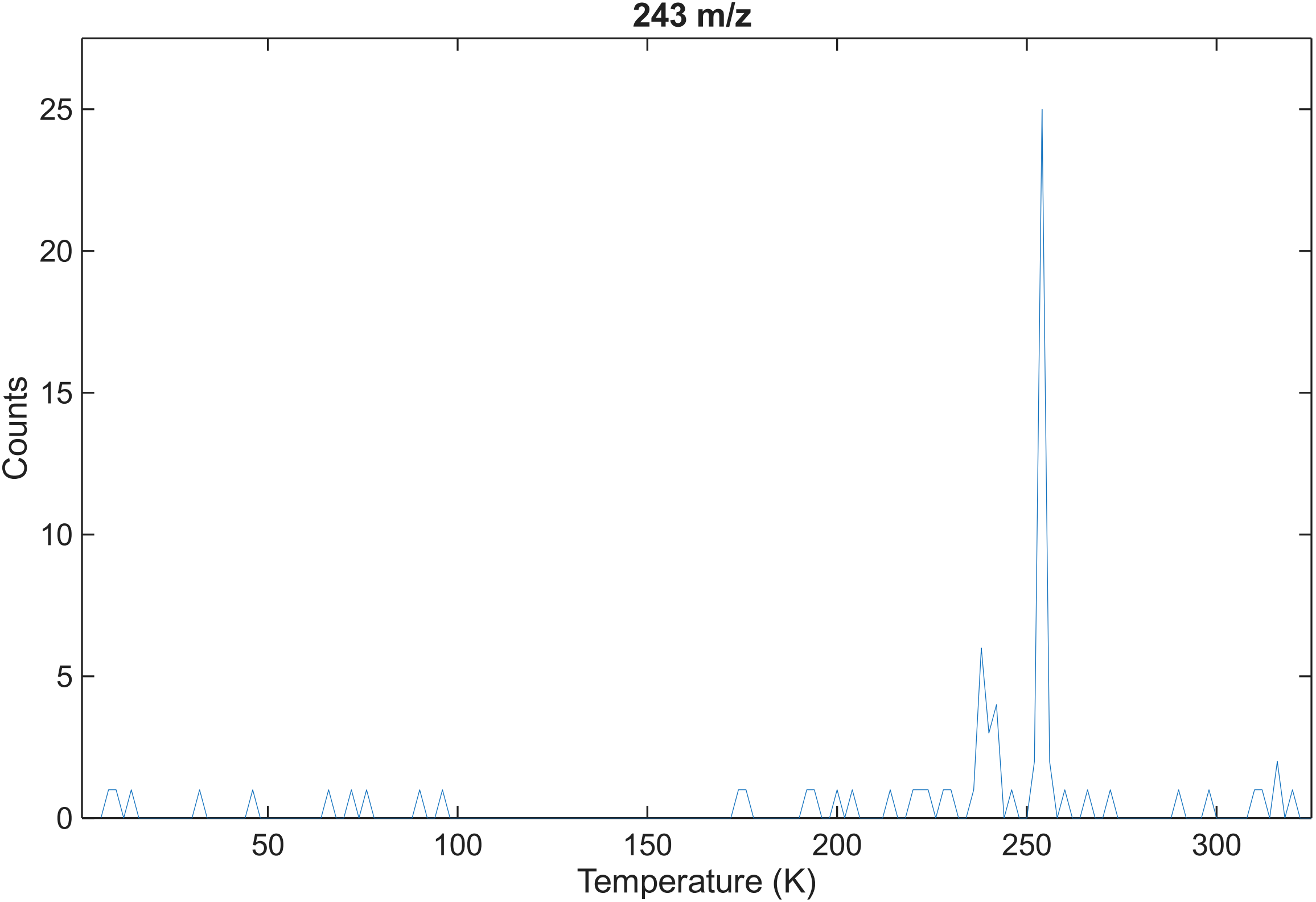
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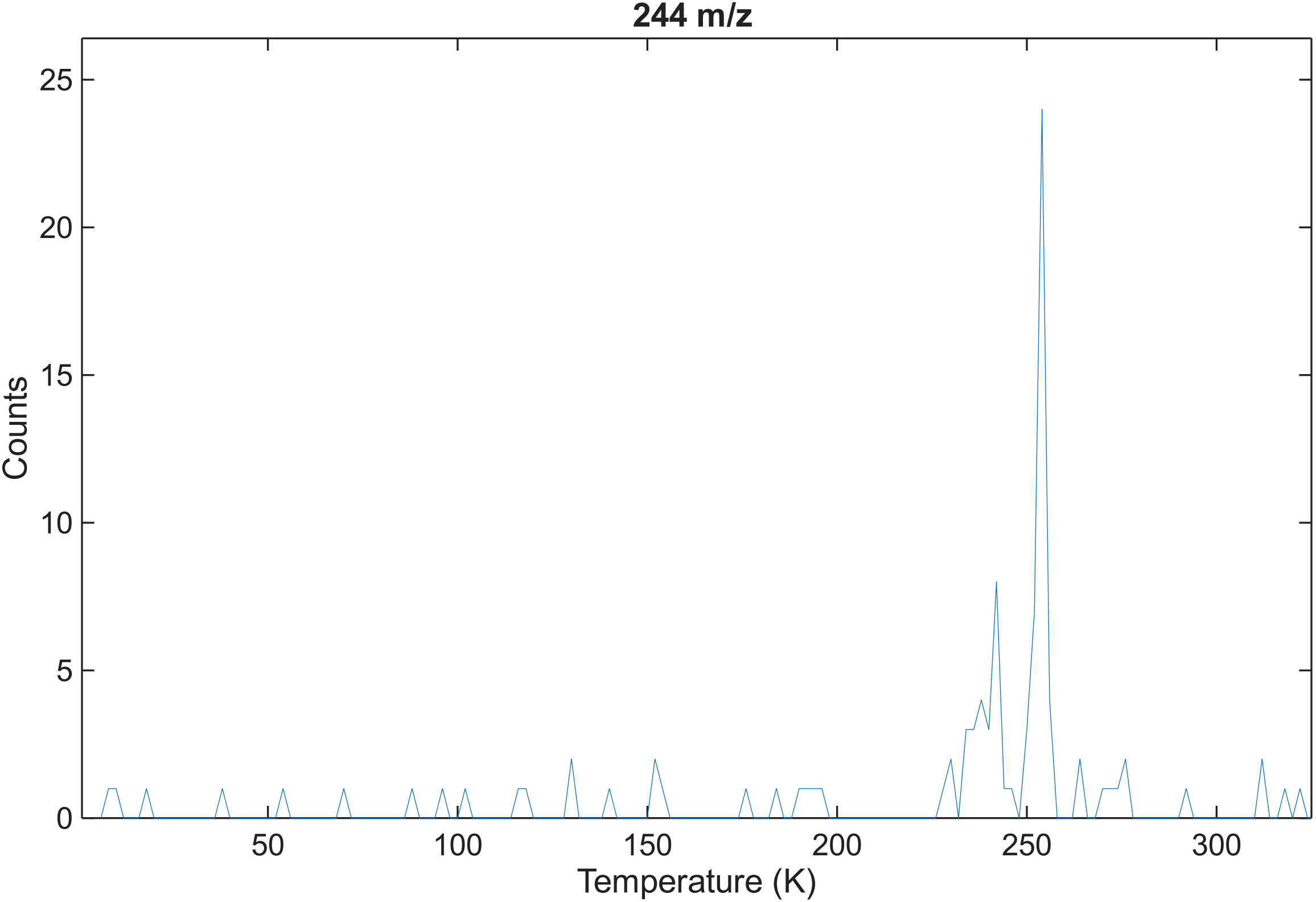
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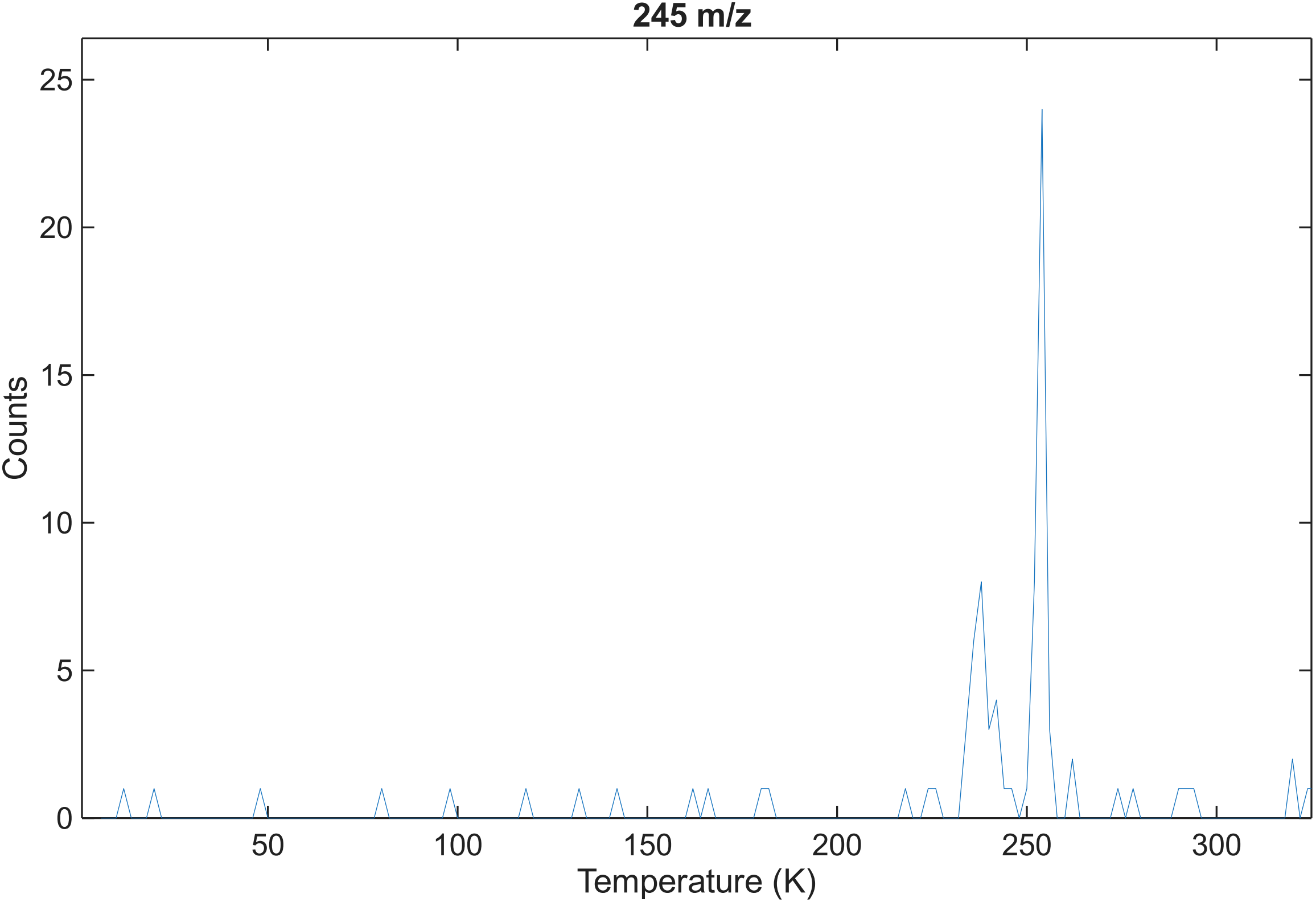
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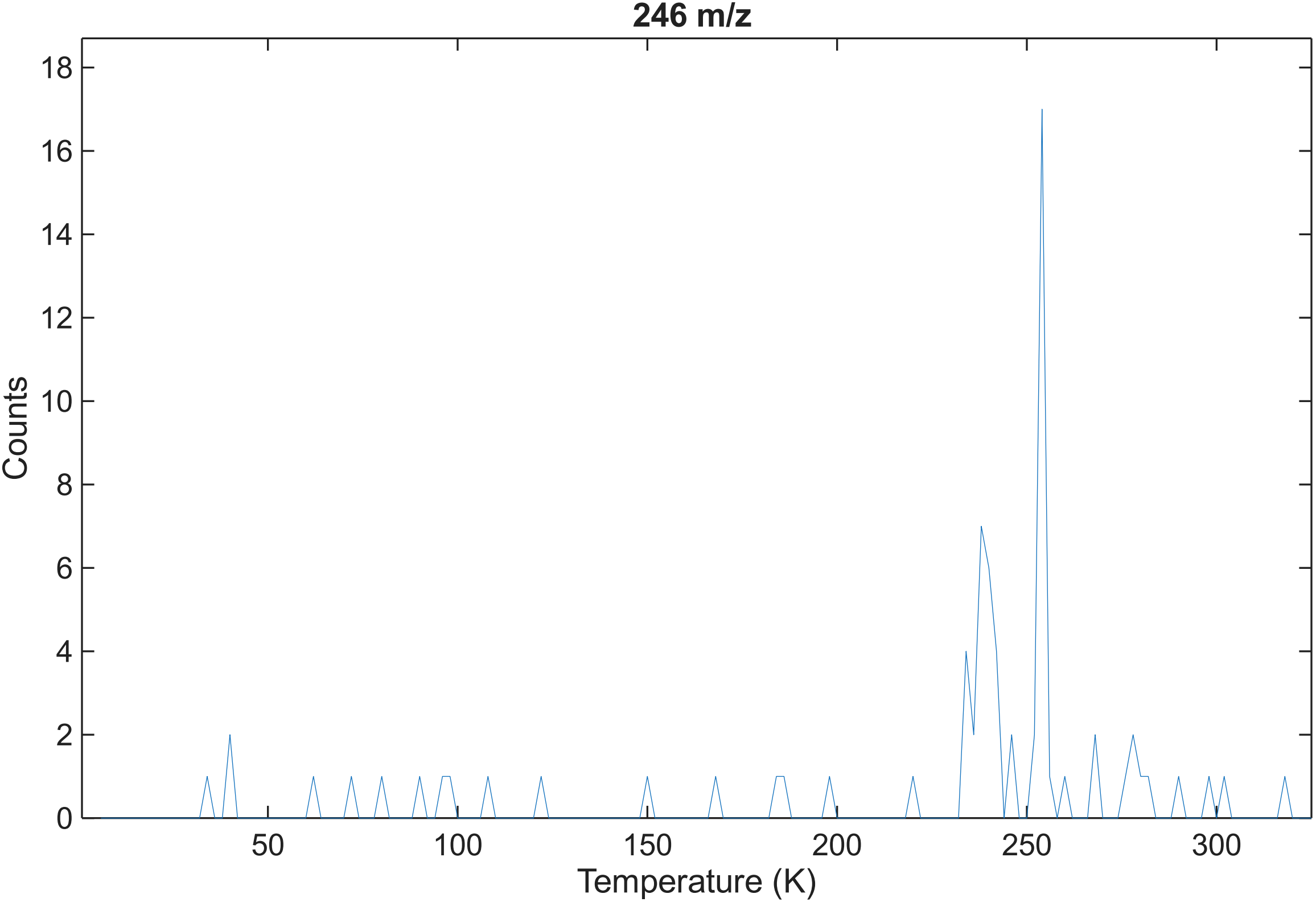
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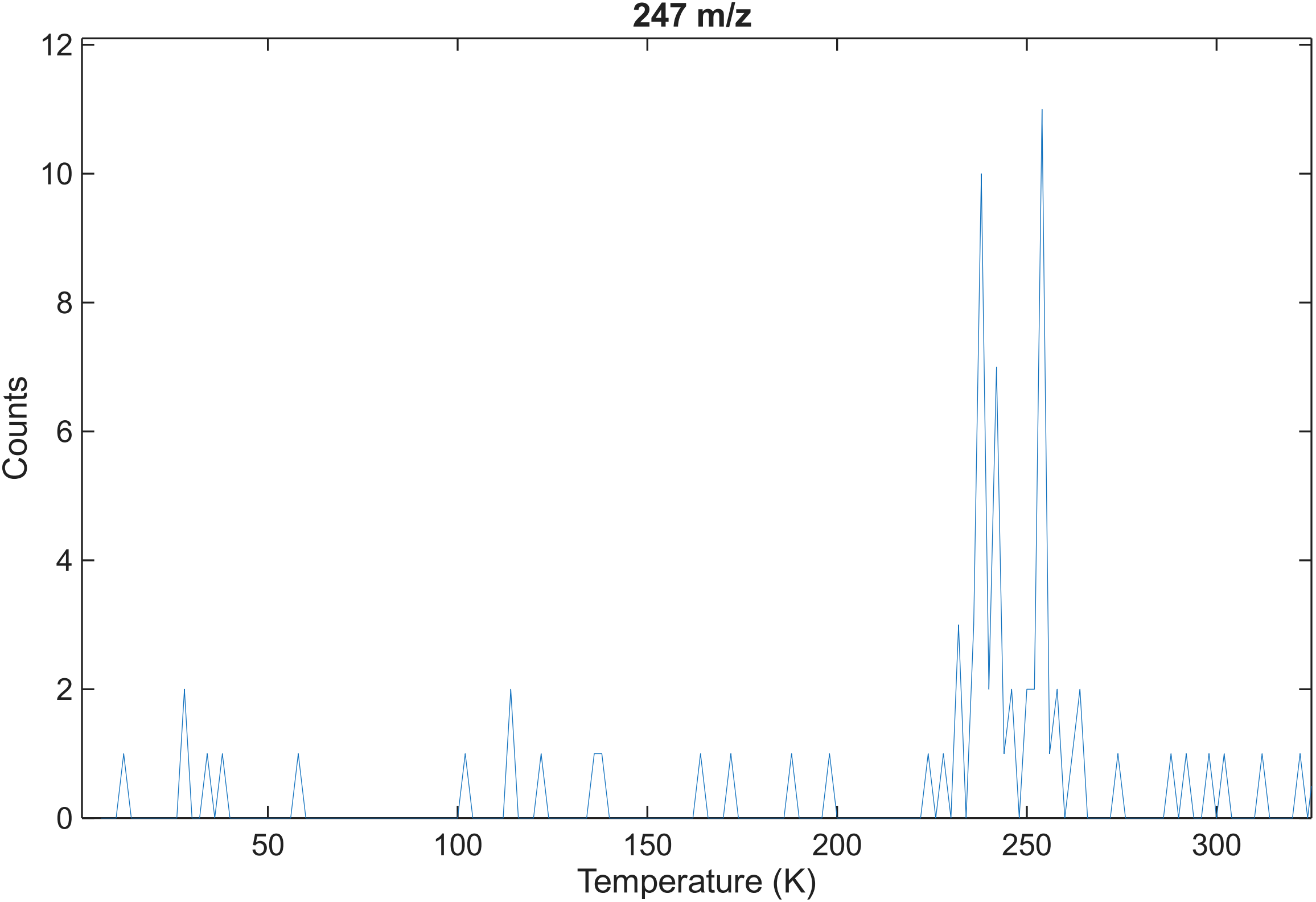
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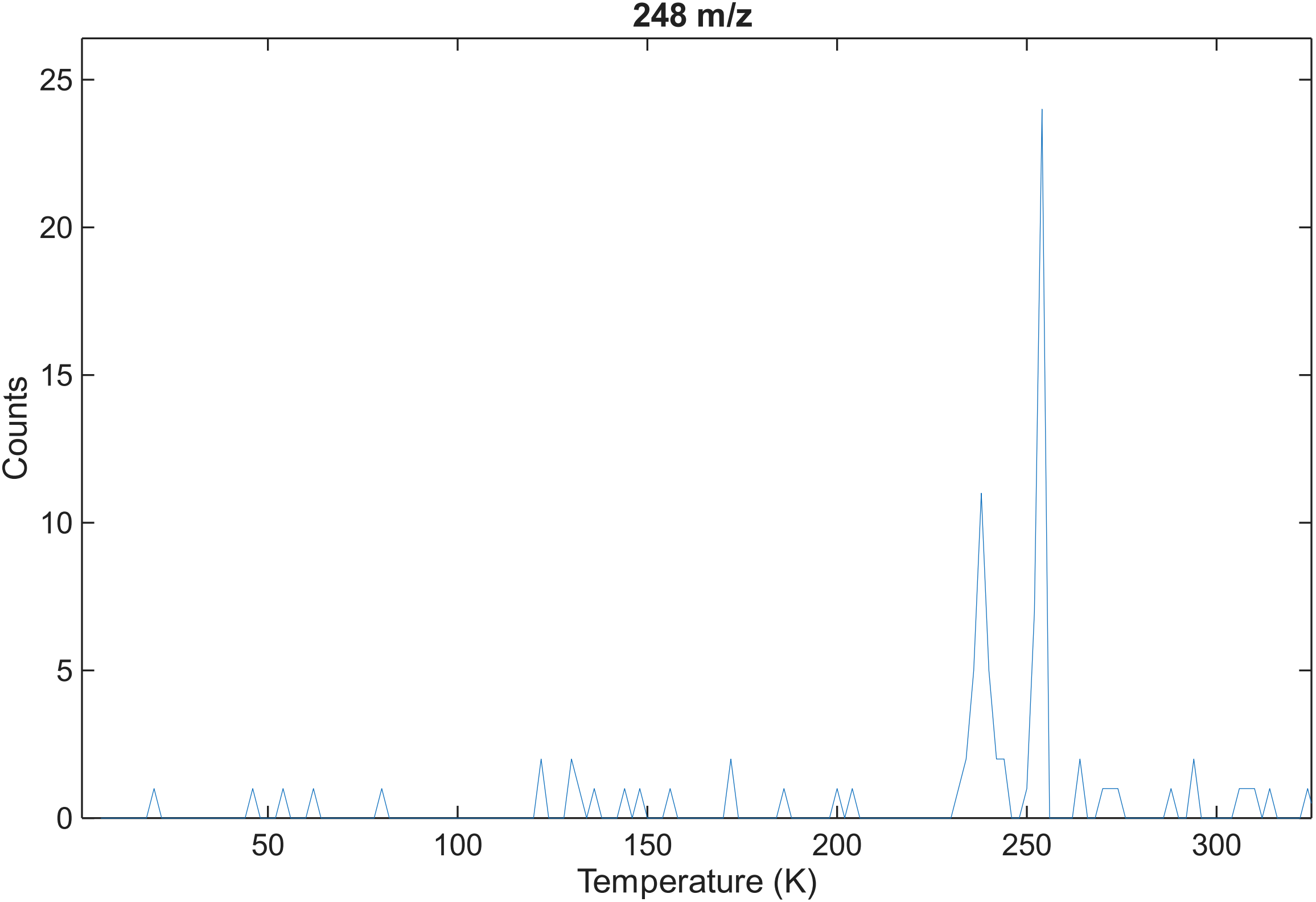
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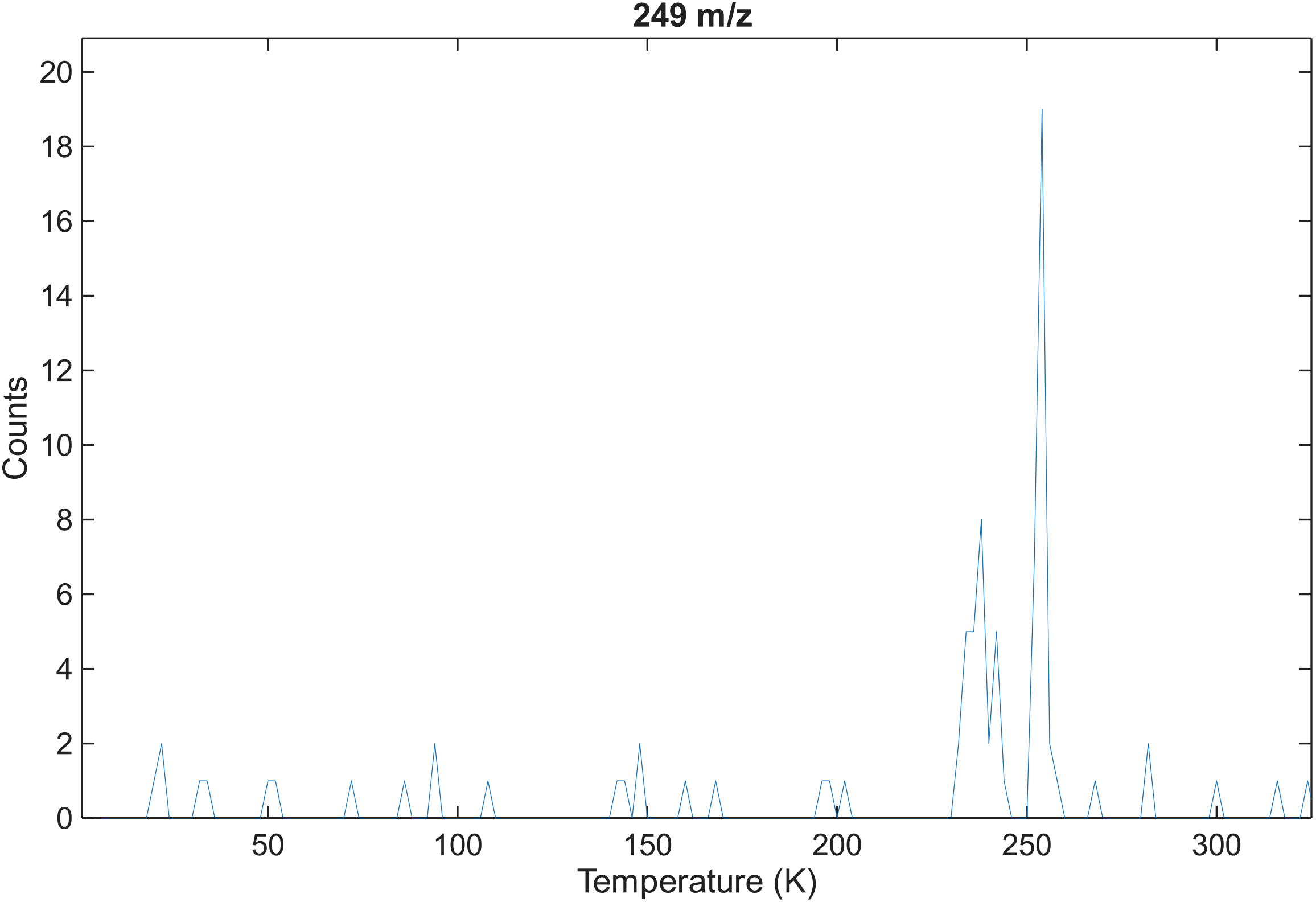
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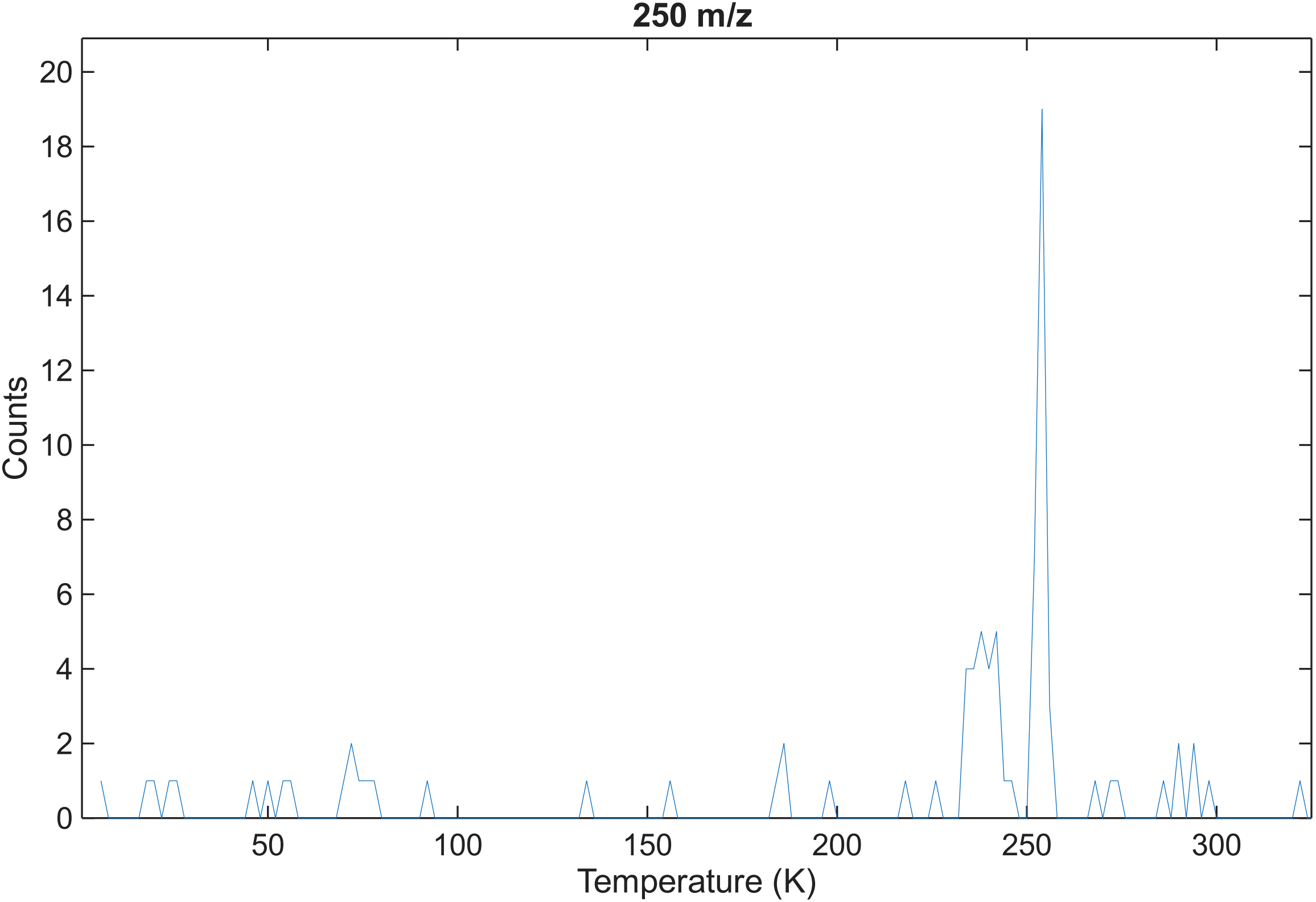
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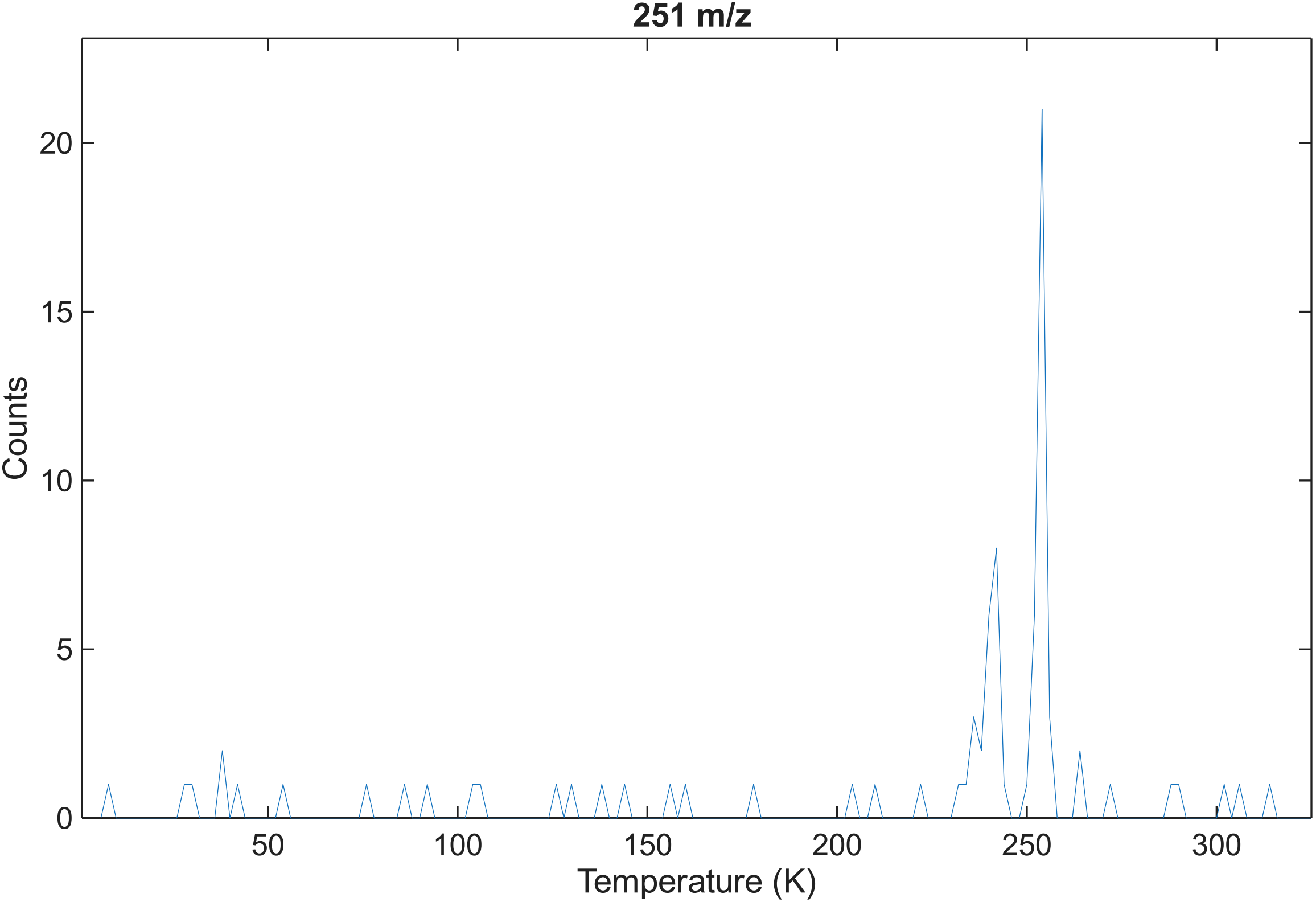
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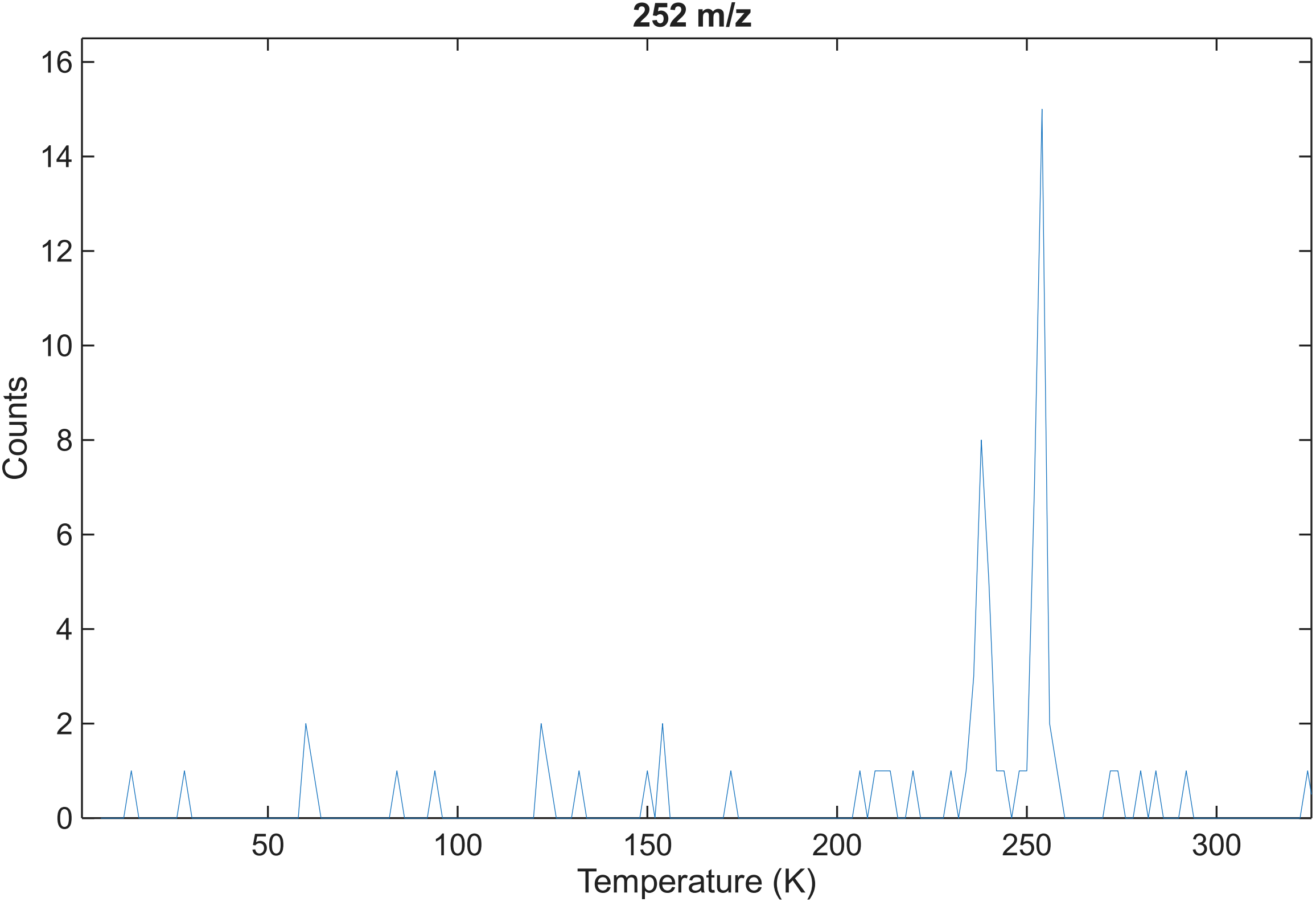
Temperature (K)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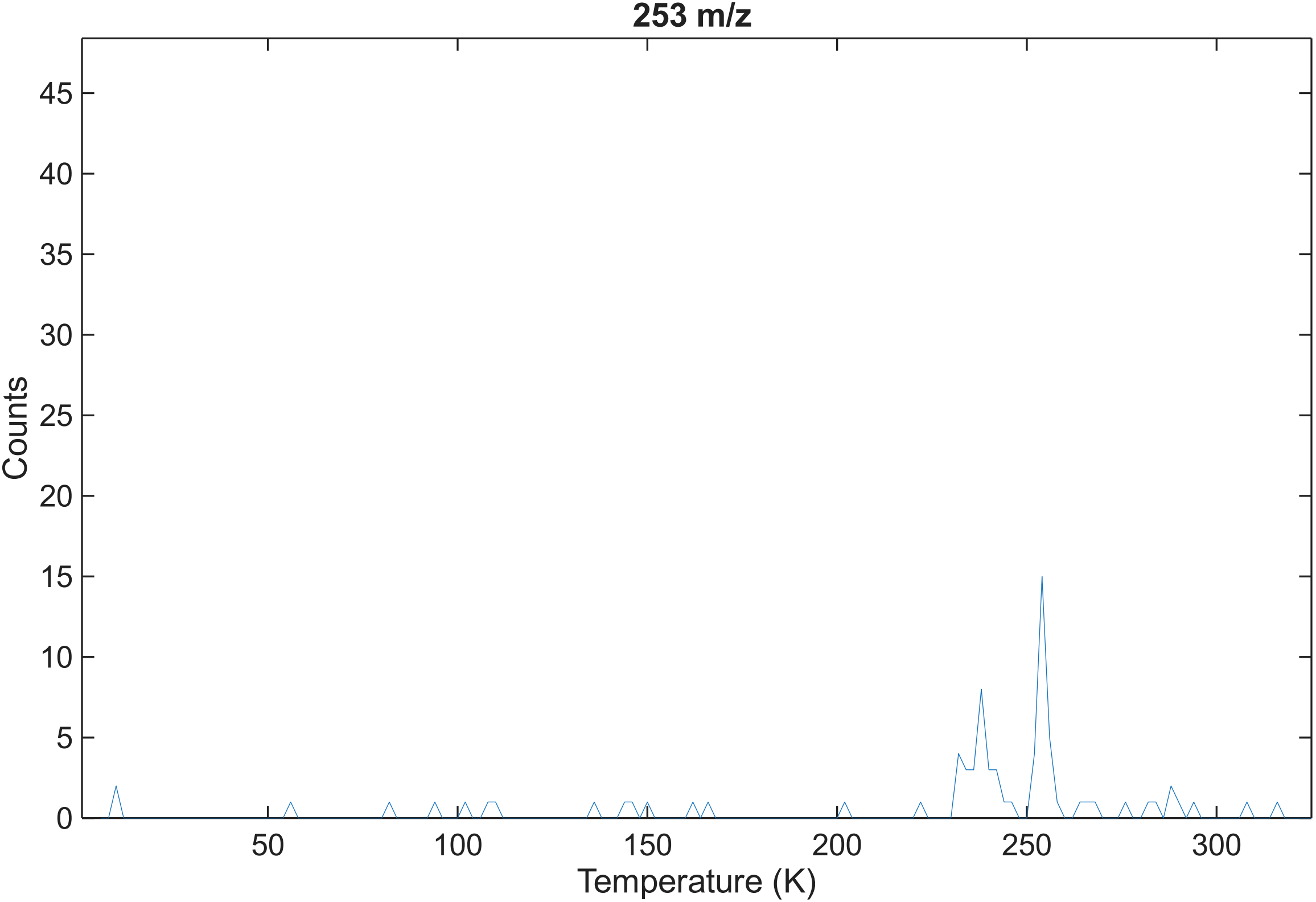
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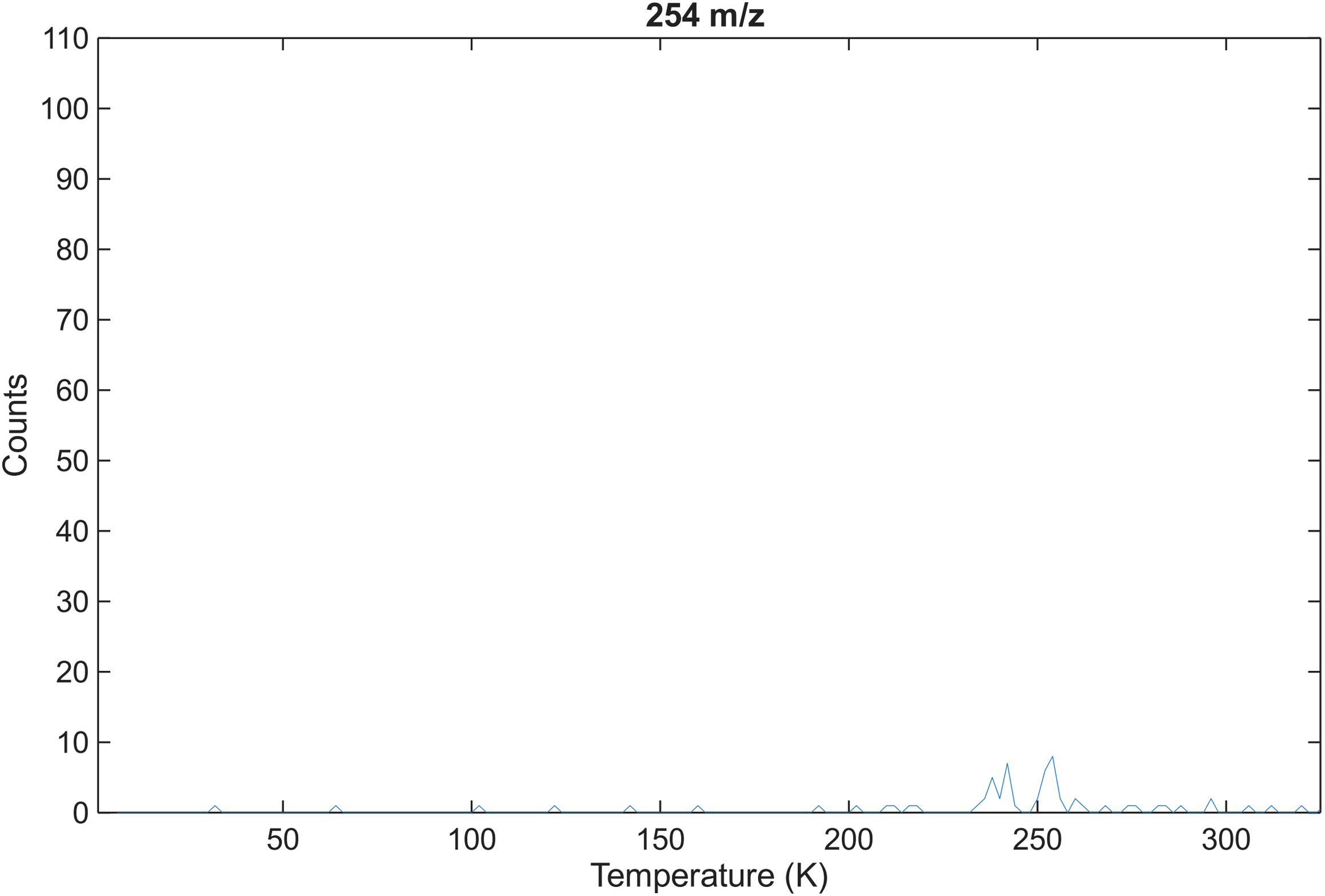
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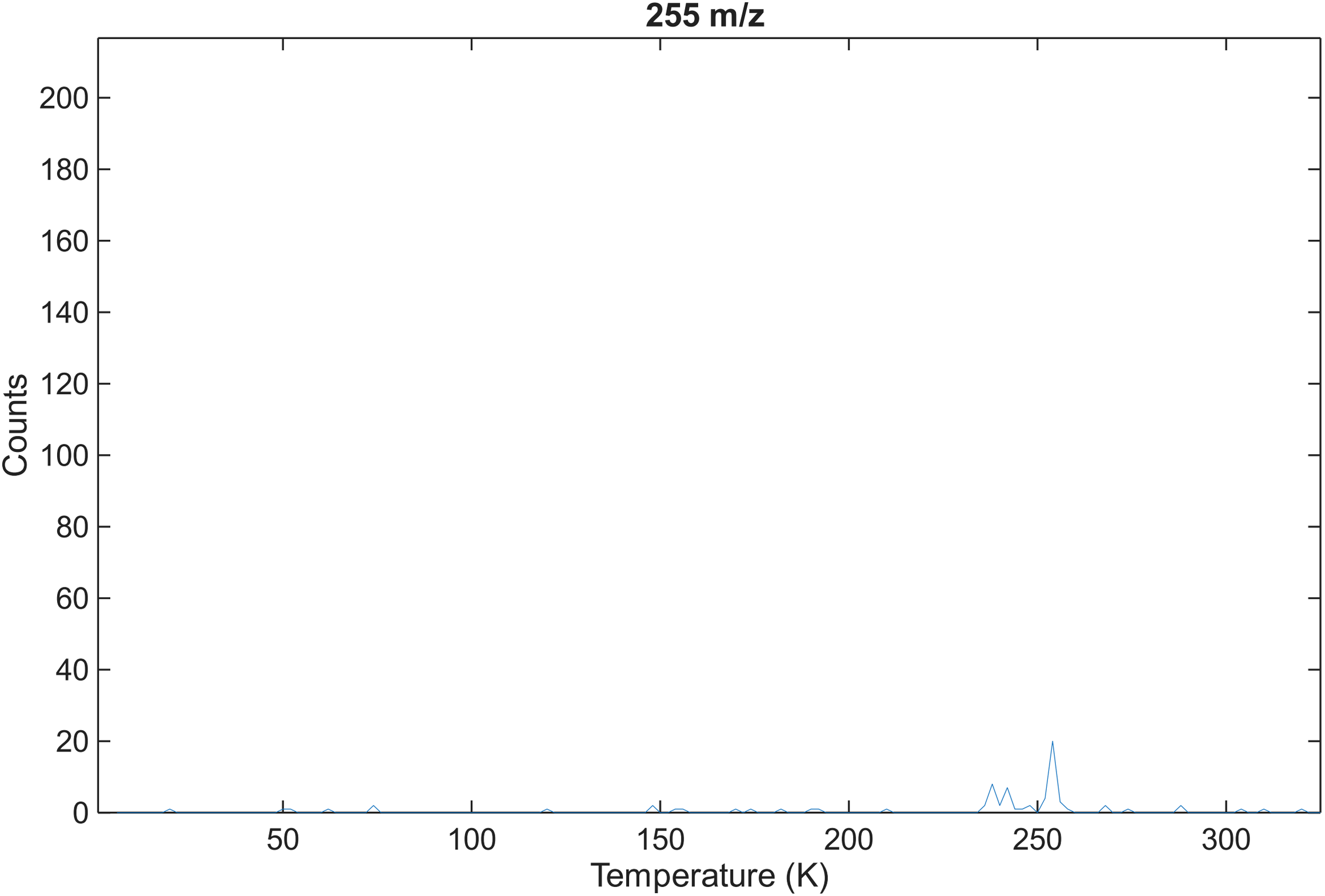
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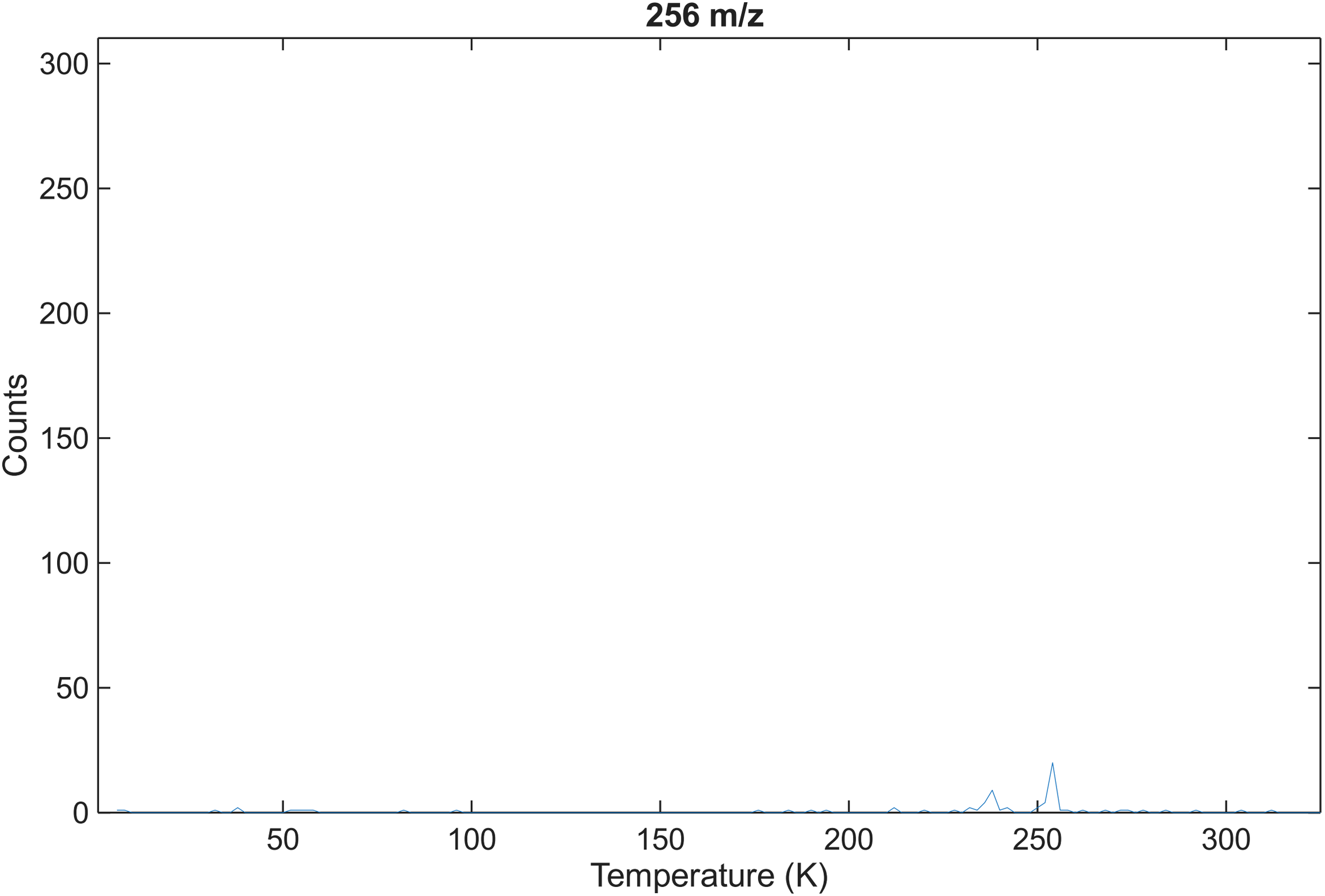
256 m/z
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Counts
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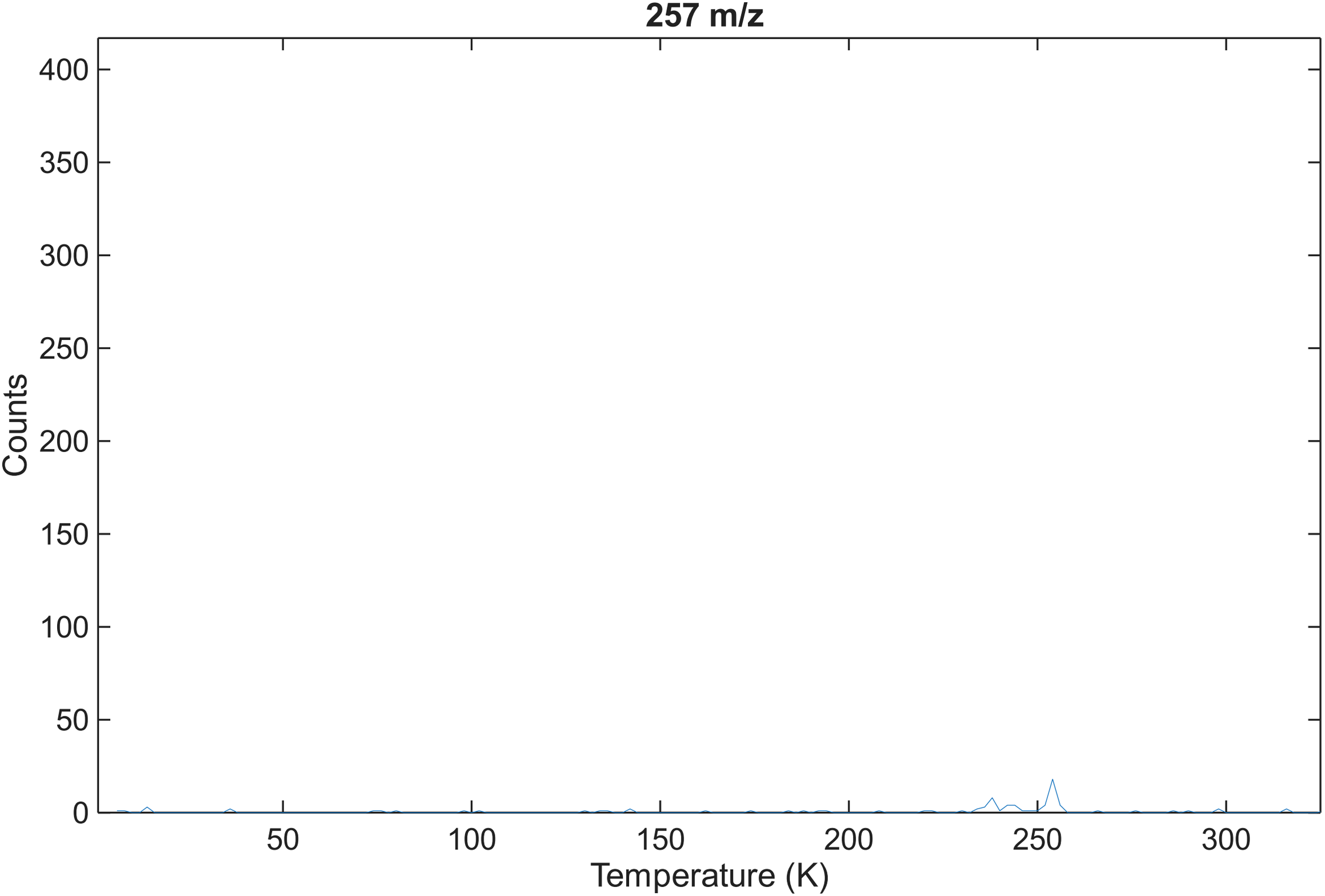
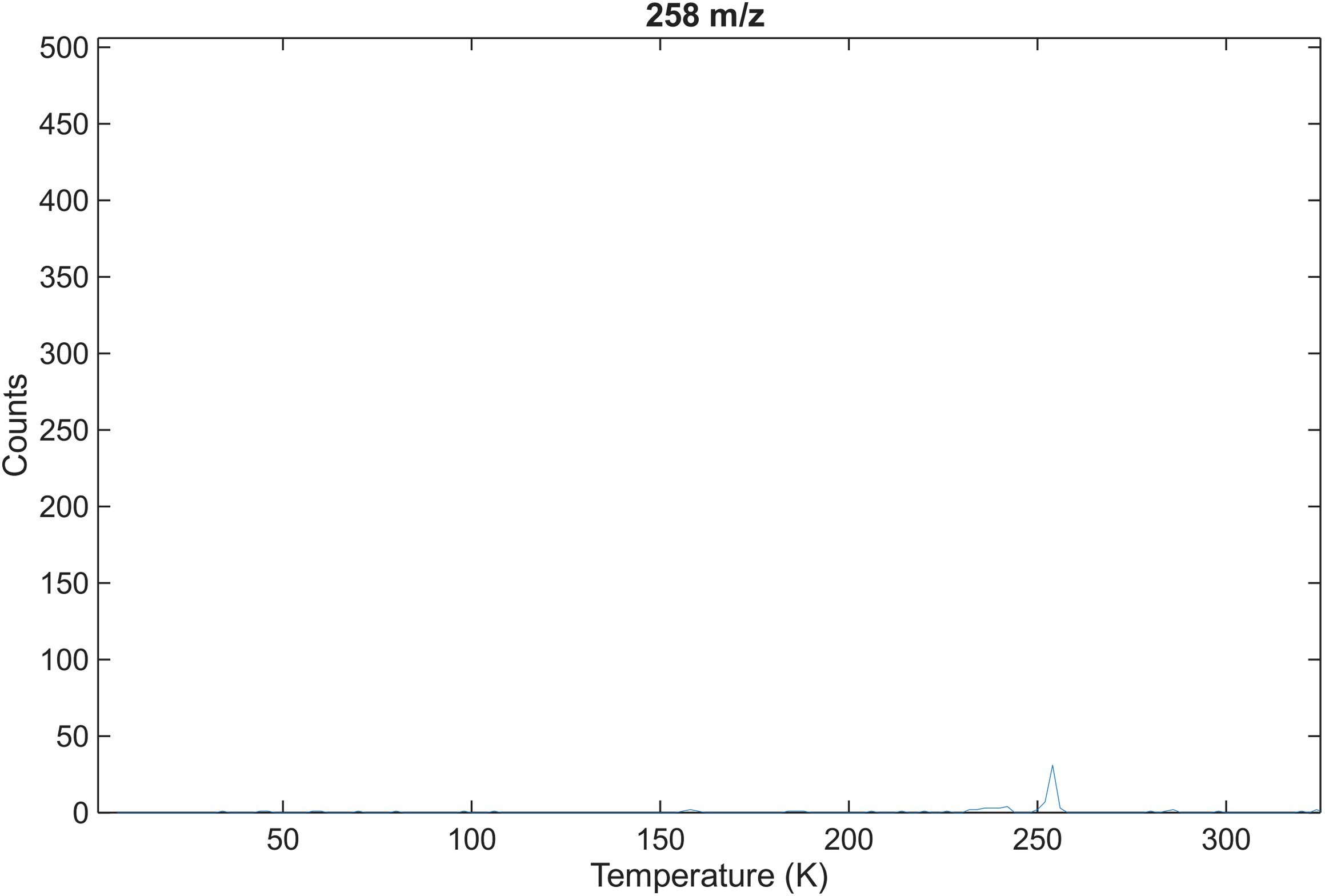
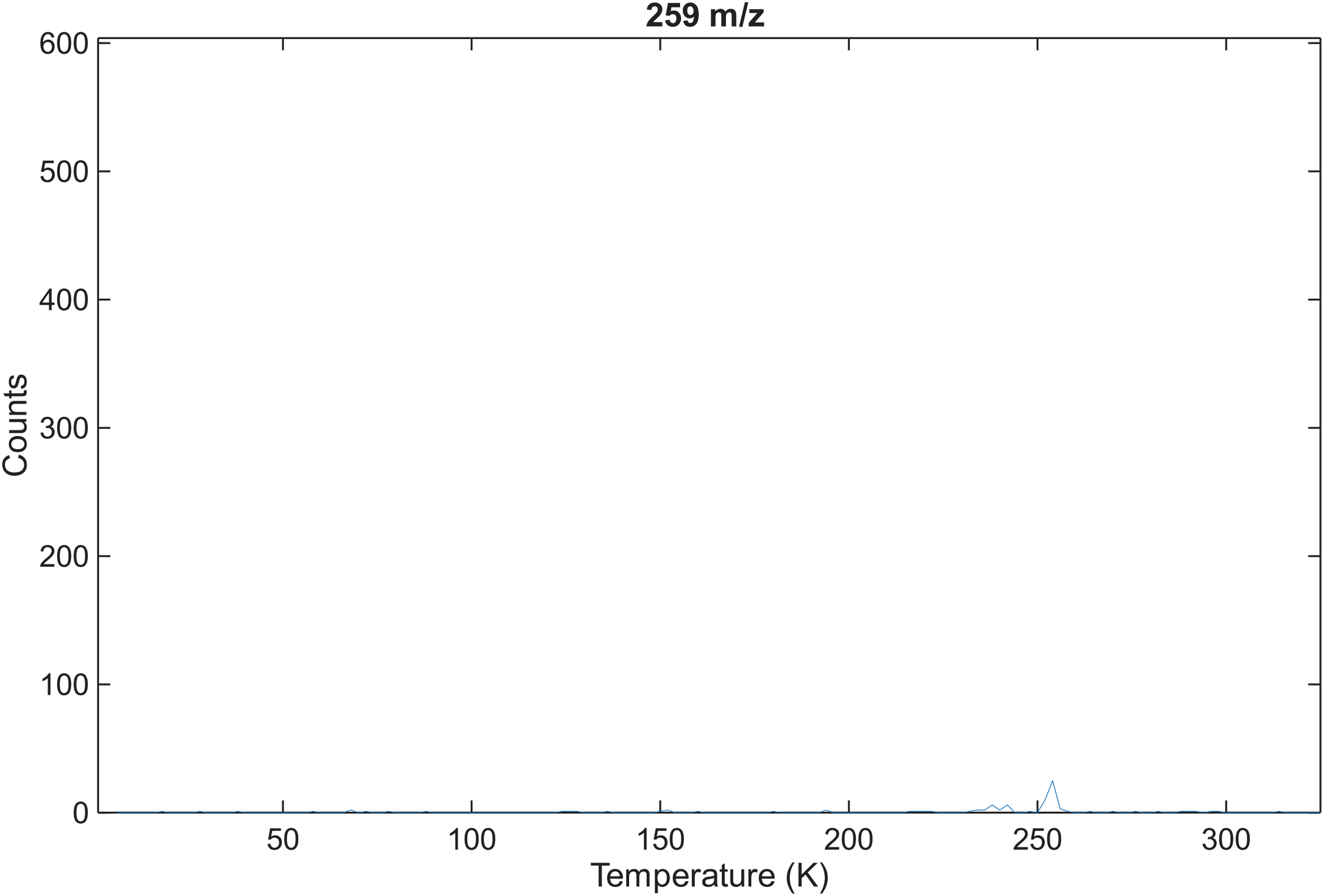
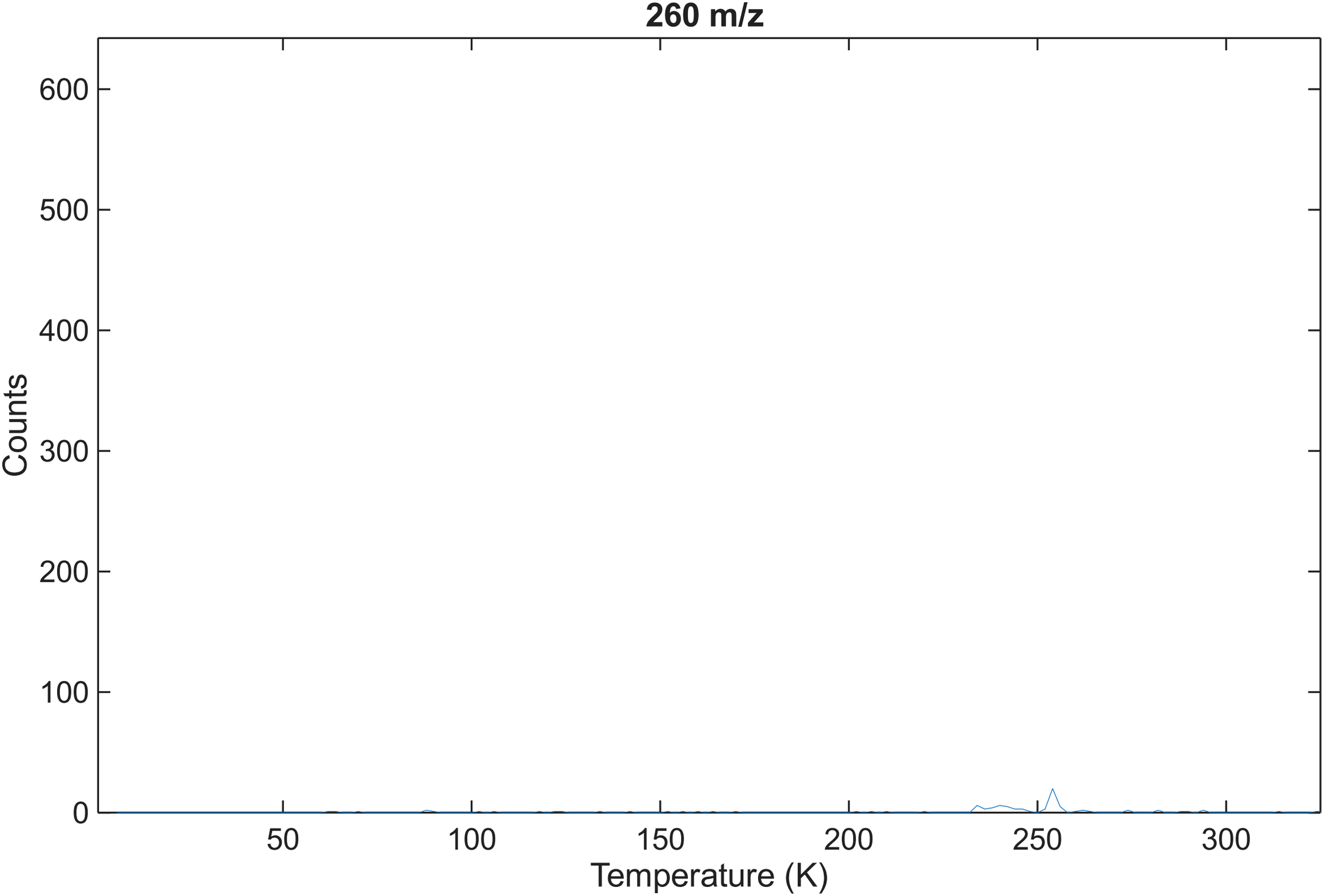
300
Temperature (K)


257 m/z
Counts
Temperature (K)
0
50
100
150
200
250
300
350
400
50
100
150
200
250
300


258 m/z
Counts
Temperature (K)
0
50
100
150
200
250
300
350
400
450
500
50
100
150
200
250
300


259 m/z
600
500
400
300
200
100
0
Counts
50
100
150
200
250
300
Temperature (K)


260 m/z
600
500
400
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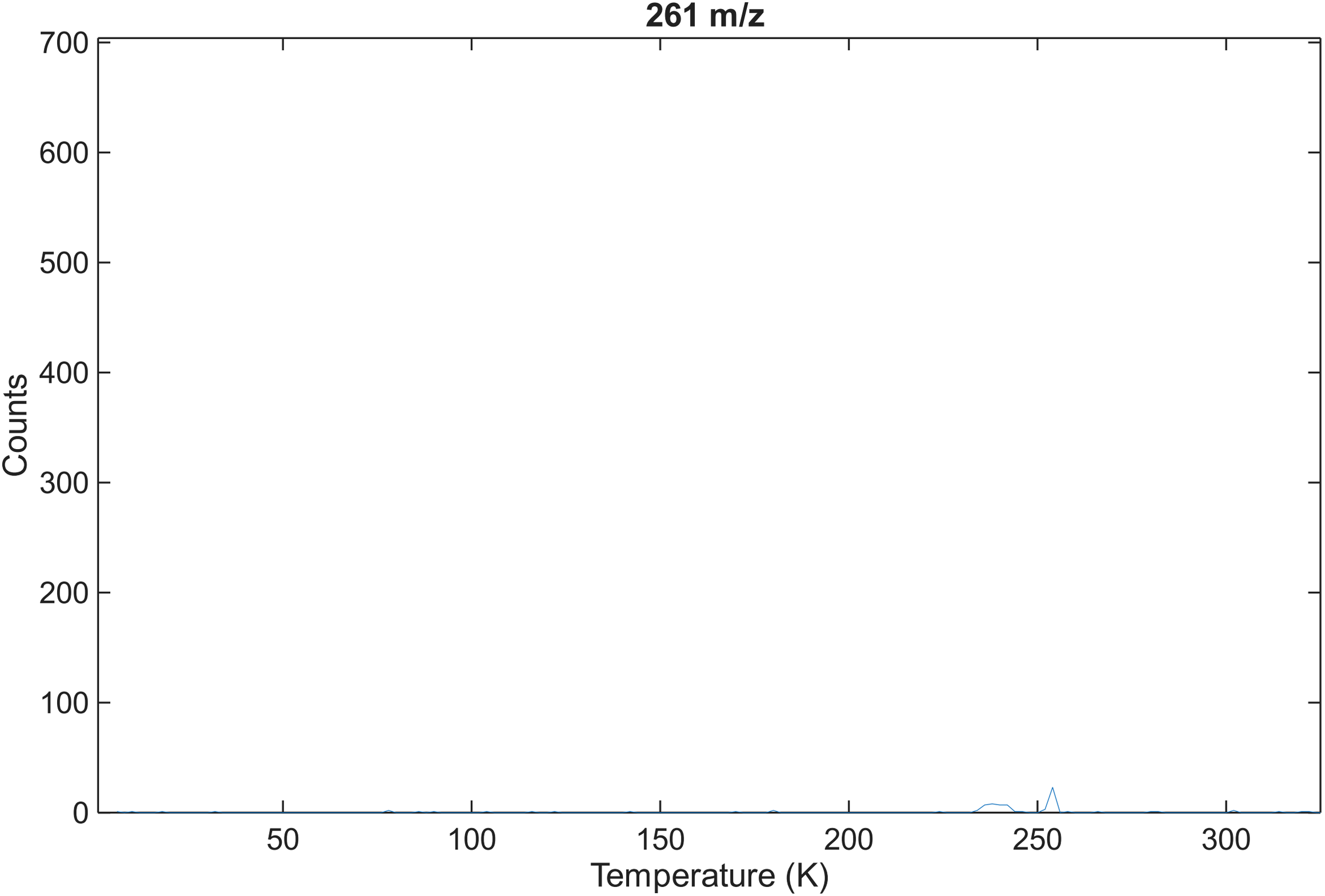
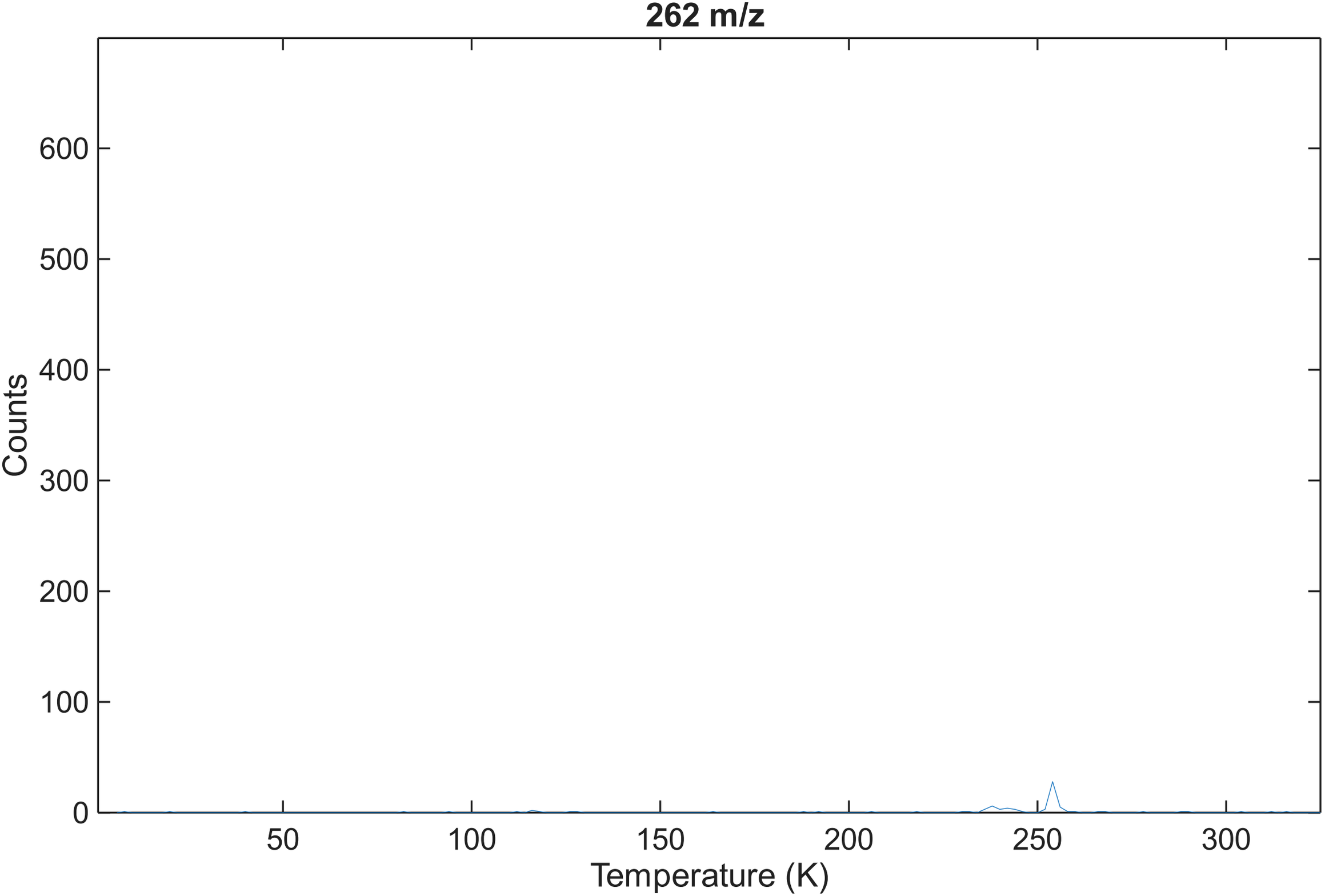
200
100
0
Counts
50
100
150
200
250
300
Temperature (K)


261 m/z
700
600
500
400
300
200
100
0
Counts
50
100
150
200
250
300
Temperature (K)


262 m/z
Counts
0
100
200
300
400
500
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50
100
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200
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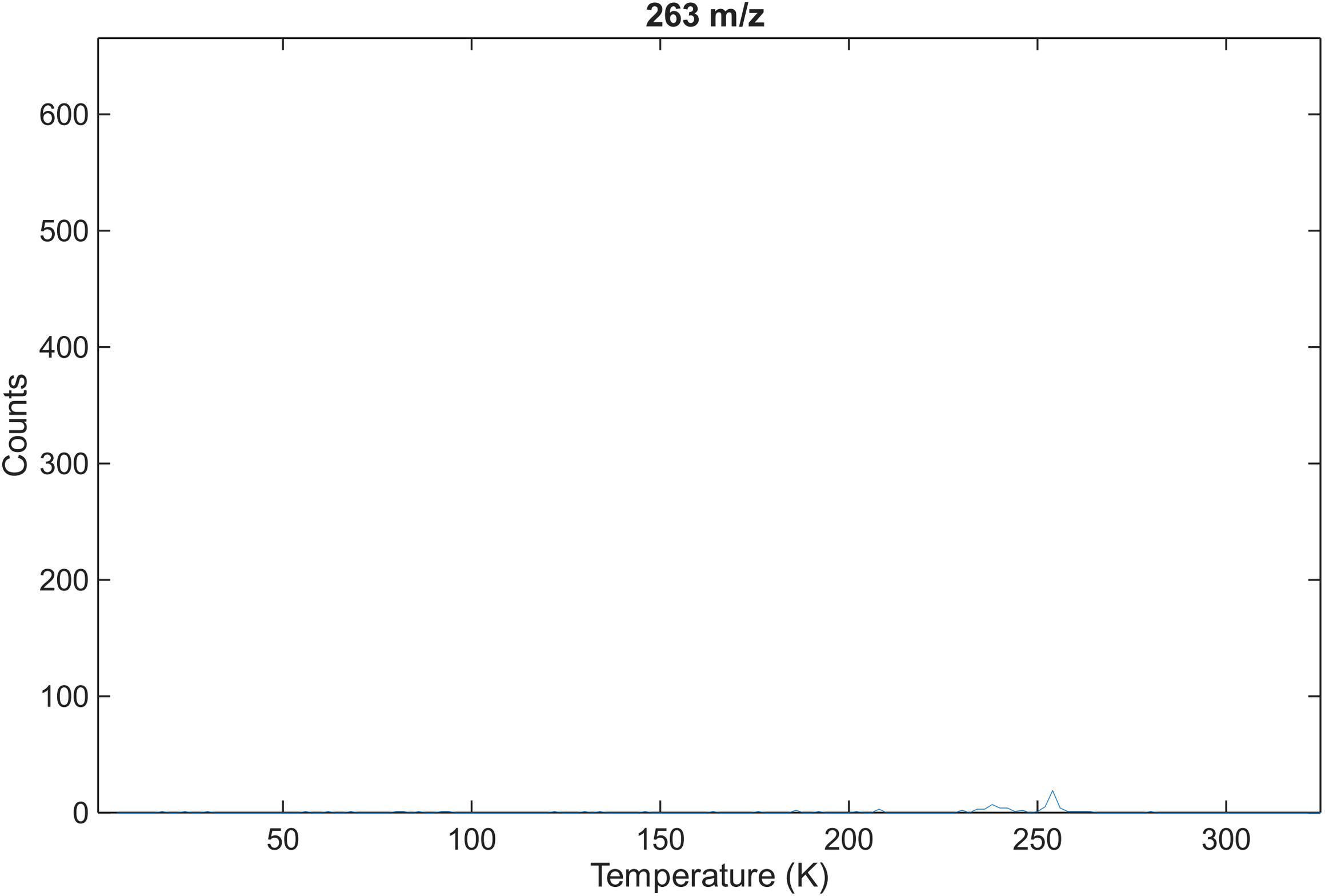
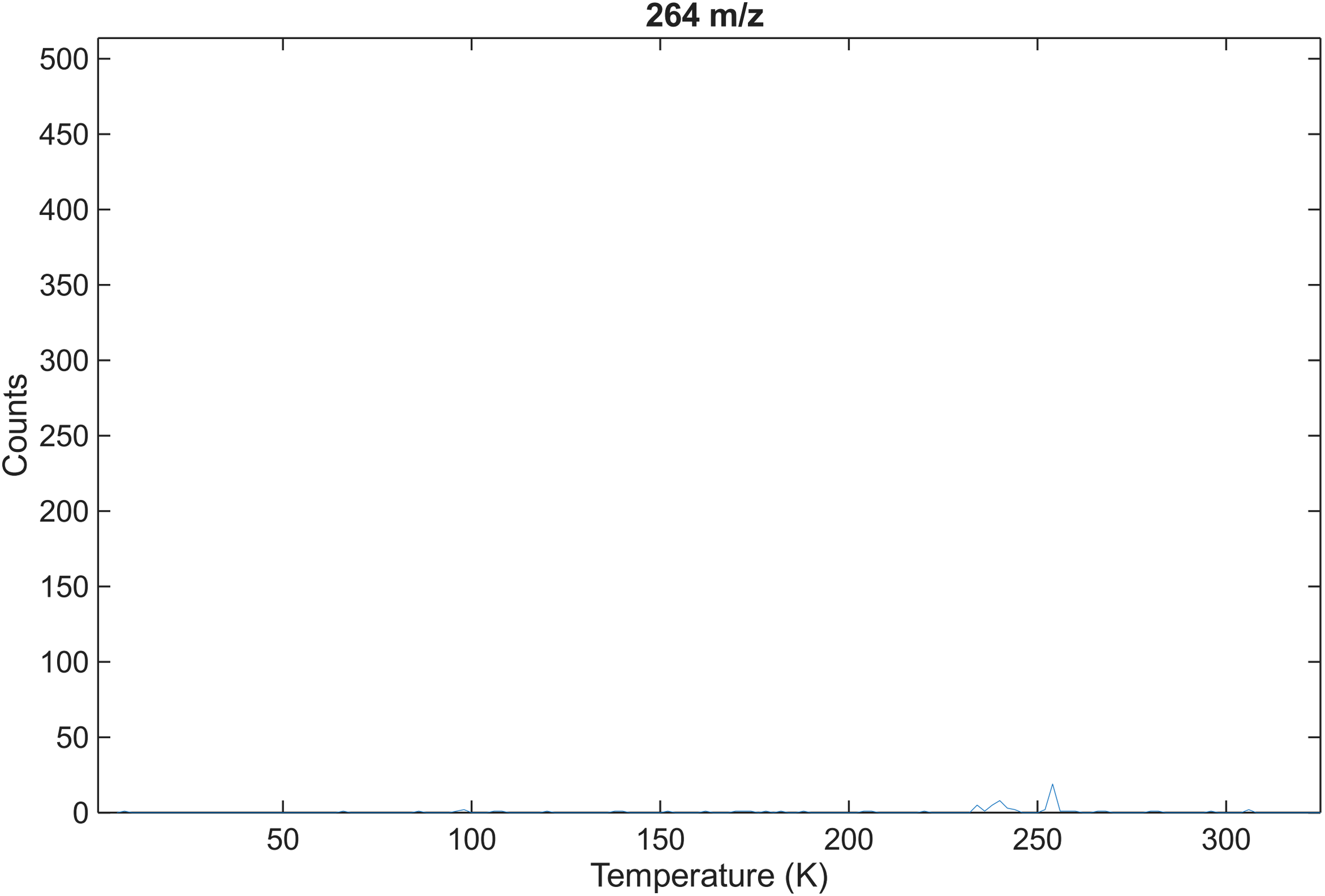
300
Temperature (K)


263 m/z
600
500
400
300
200
100
0
Counts
50
100
150
200
250
300
Temperature (K)


264 m/z
Counts
Temperature (K)
0
50
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450
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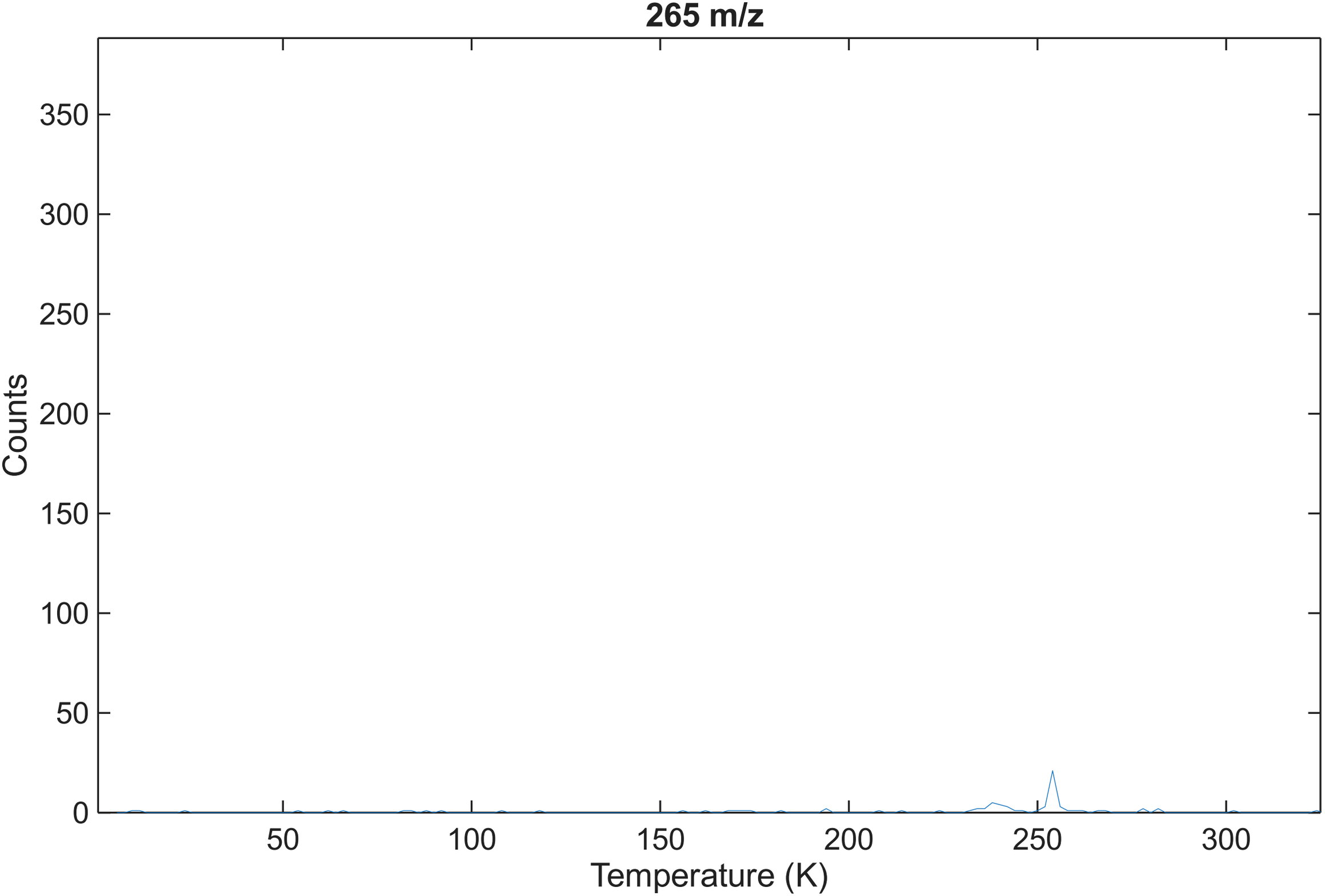
265 m/z
350
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150
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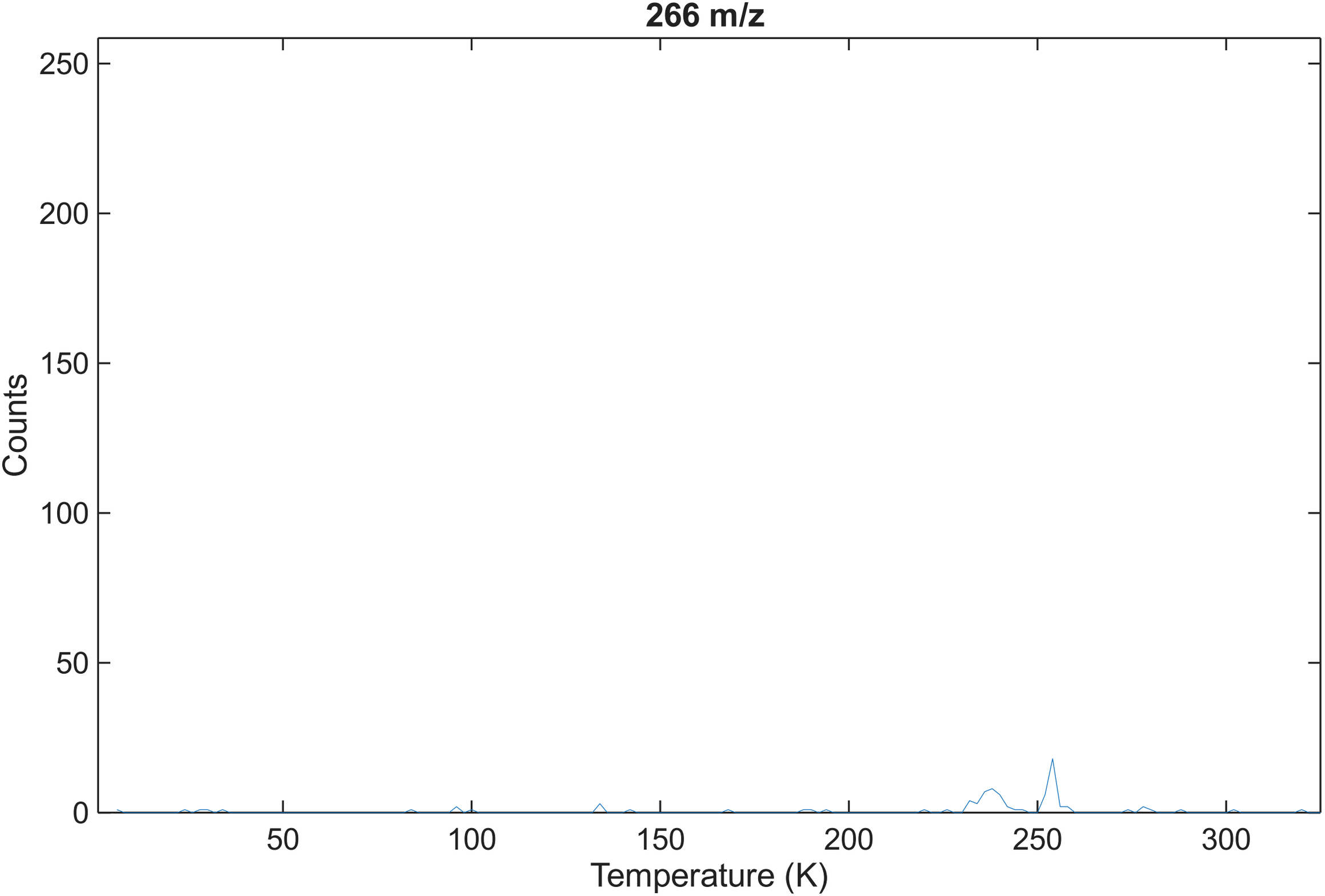
50
0
Counts
50
100
150
200
250
300
Temperature (K)


266 m/z
Counts
Temperature (K)
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100
150
200
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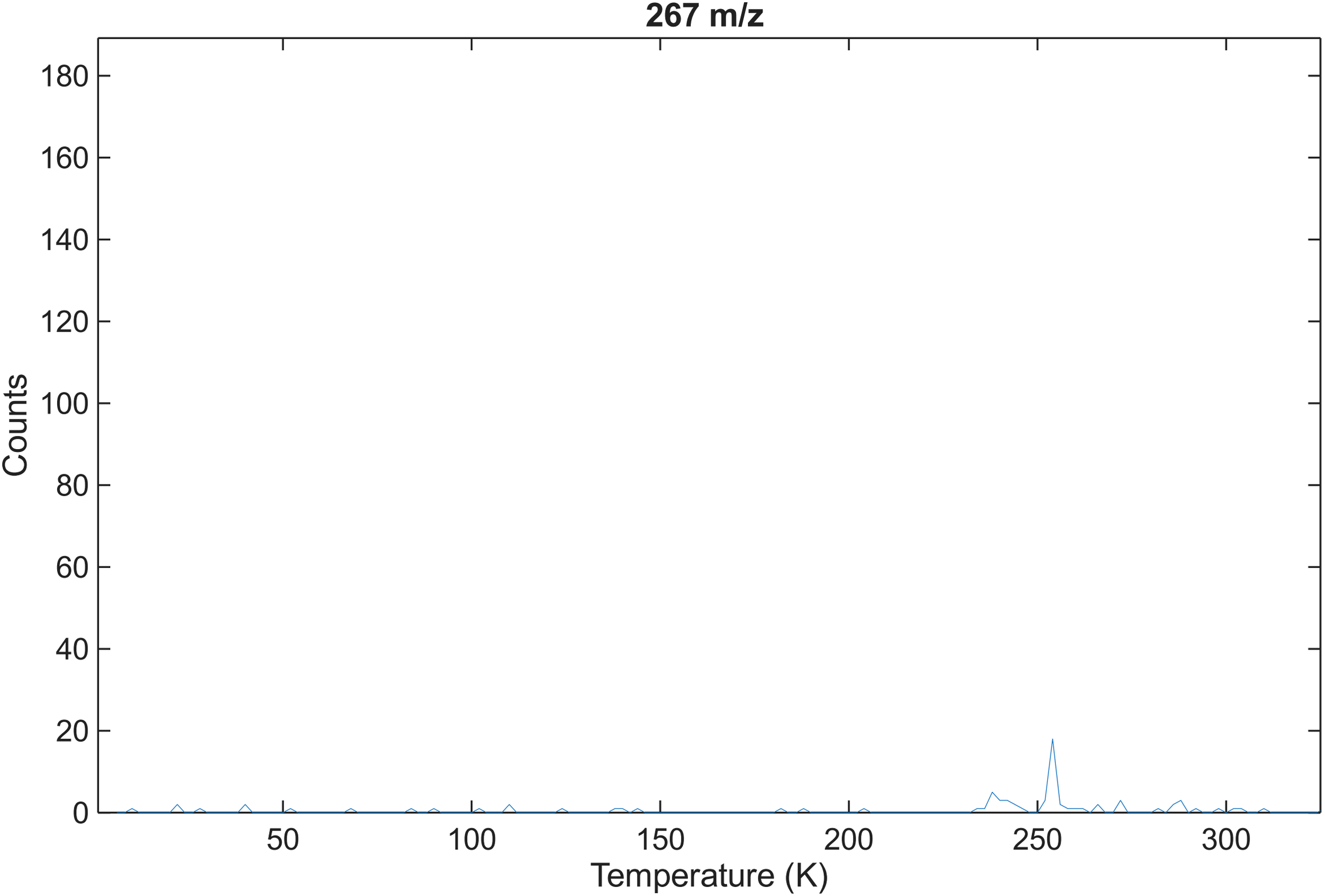
300


267 m/z
Counts
Temperature (K)
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80
100
120
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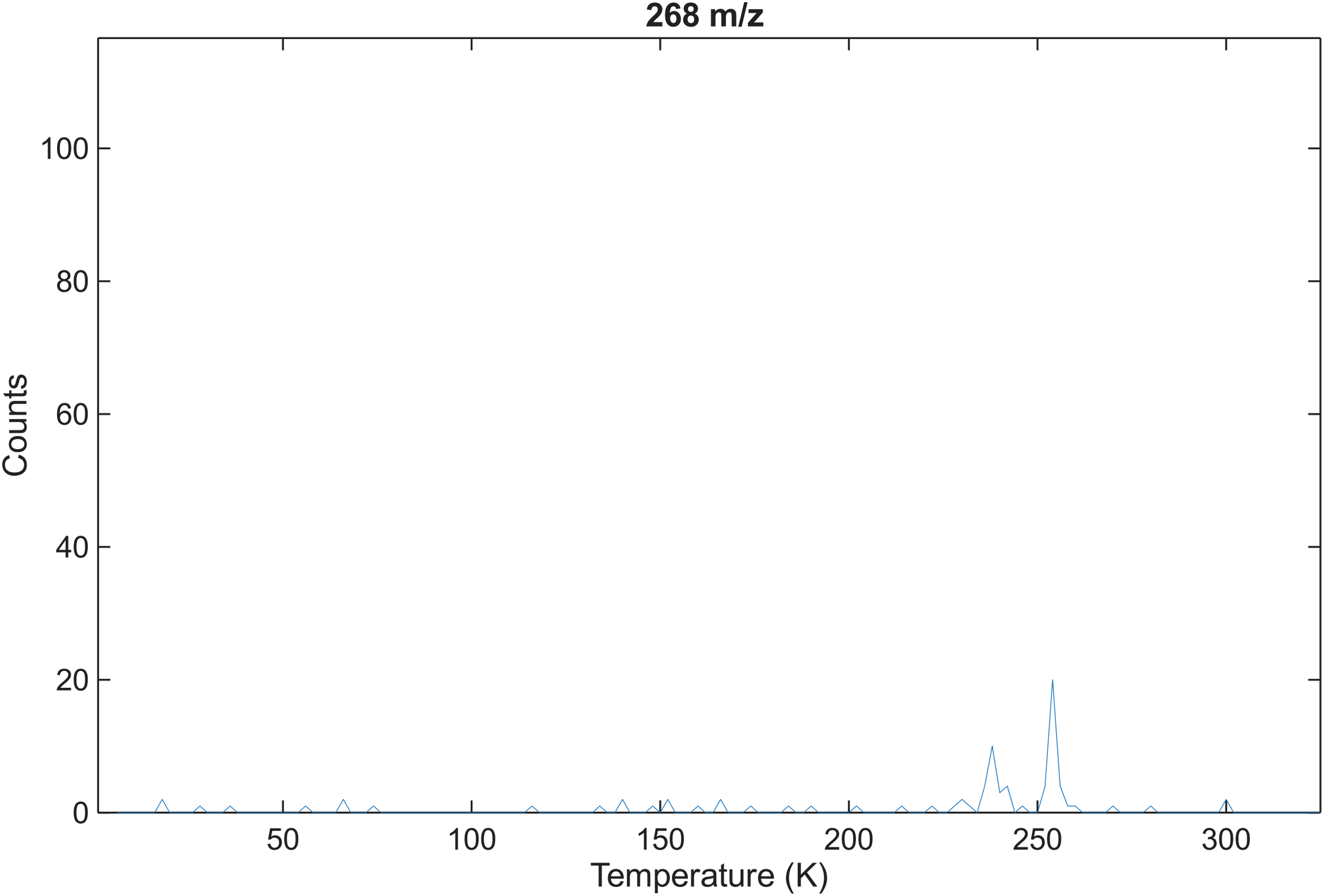
180
50
100
150
200
250
300


268 m/z
Counts
Temperature (K)
0
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80
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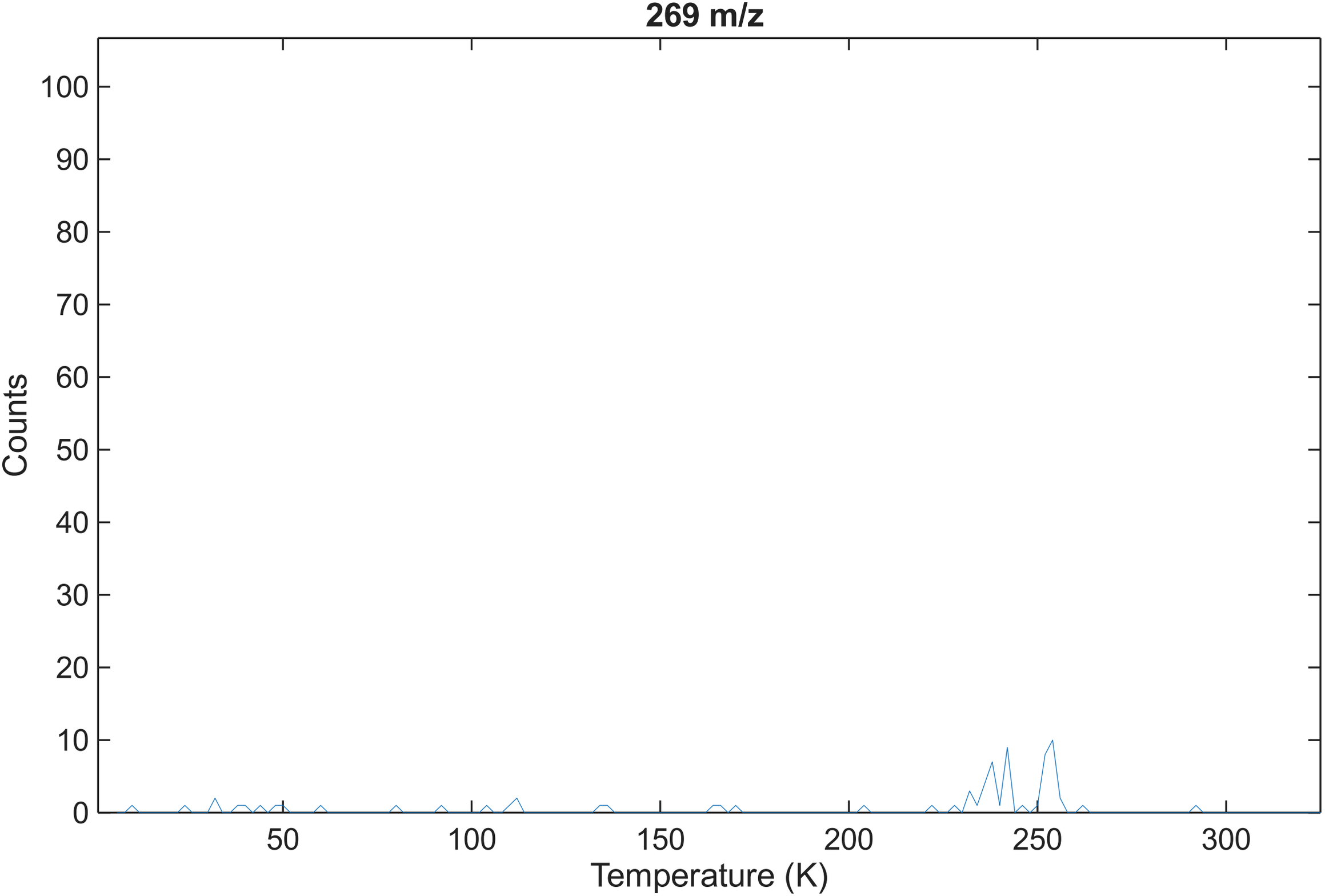
50
100
150
200
250
300


269 m/z
Counts
Temperature (K)
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10
20
30
40
50
60
70
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90
100
50
100
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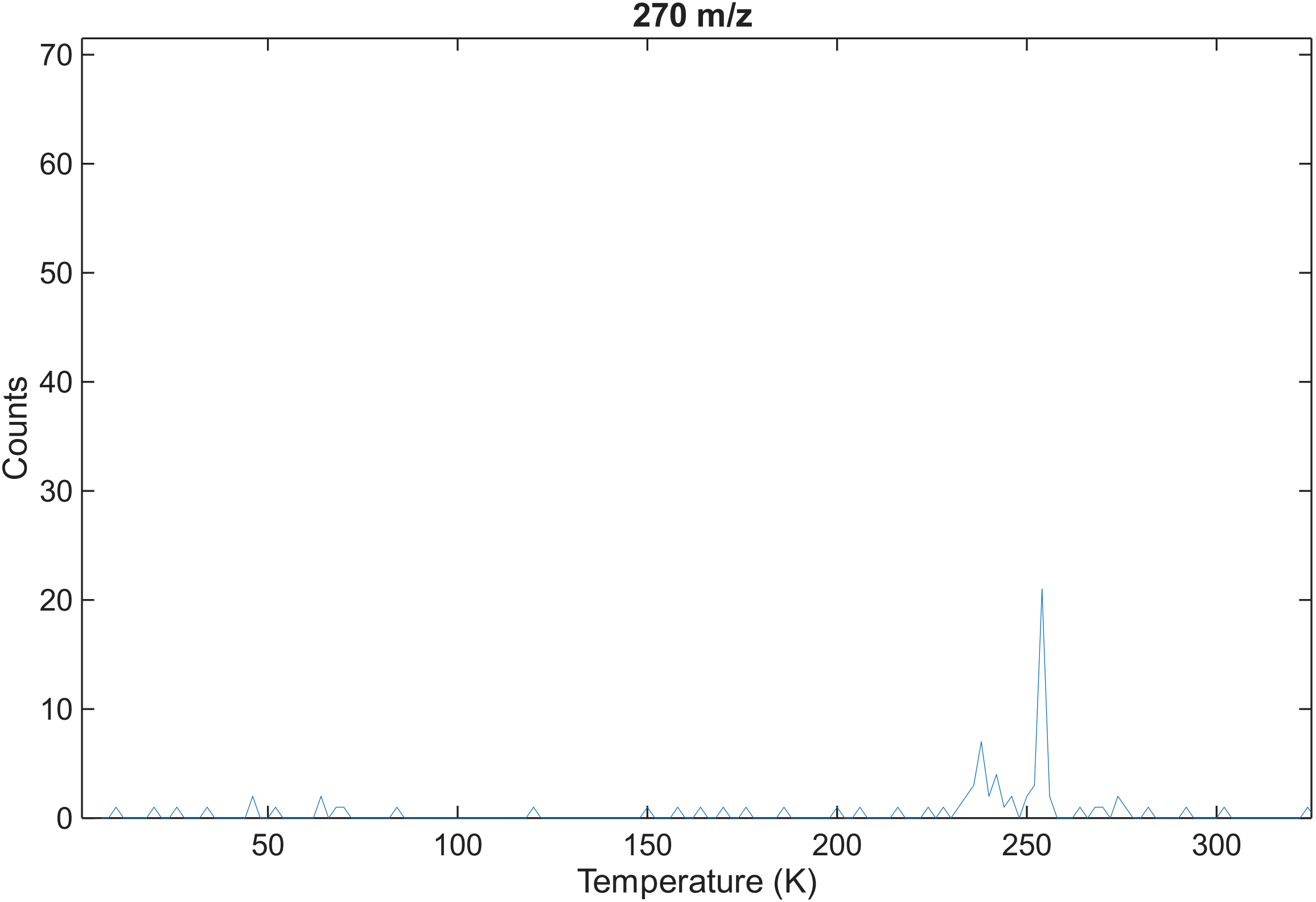
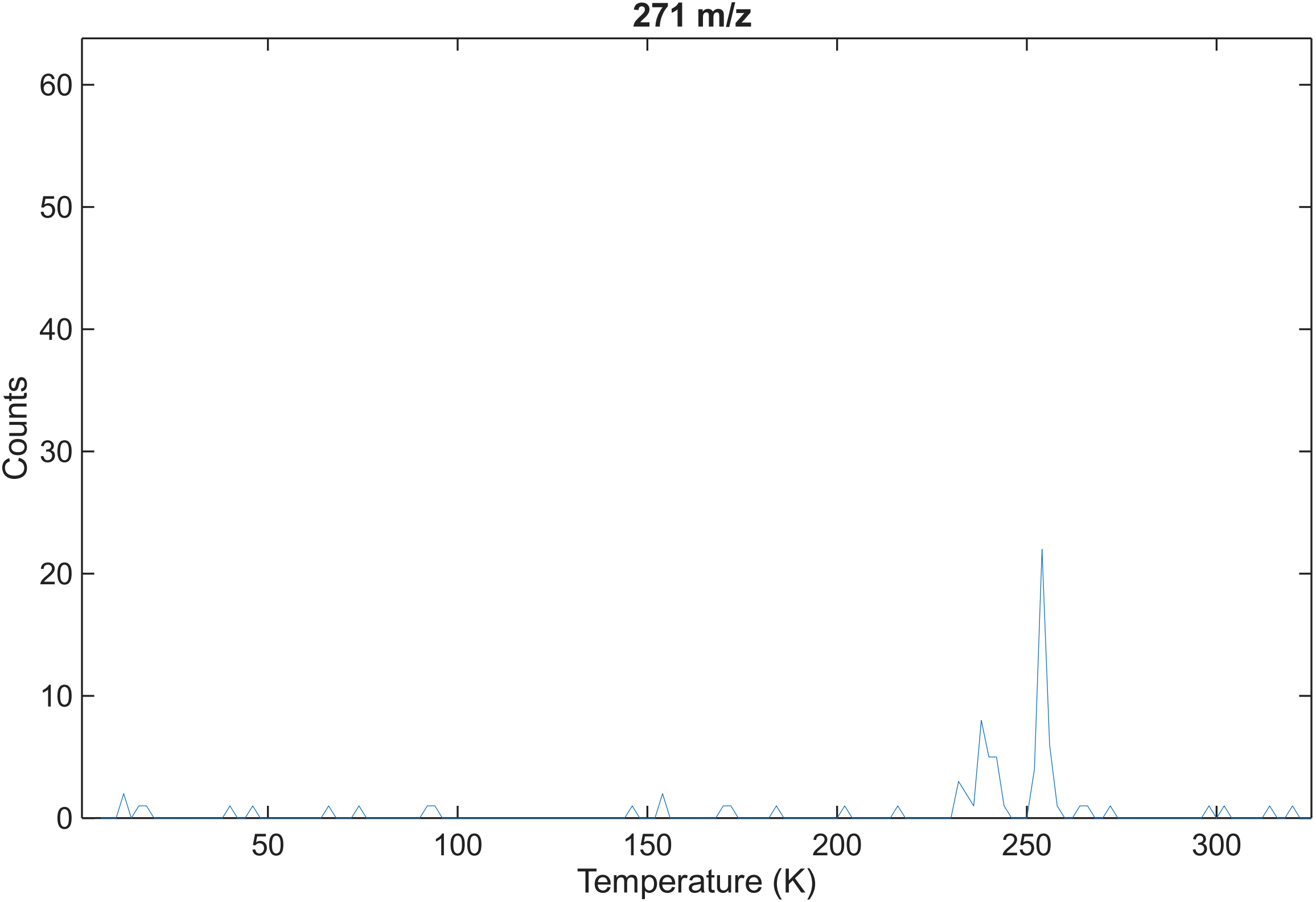
200
250
300


270 m/z
70
60
50
40
30
20
10
0
Counts
50
100
150
200
250
300
Temperature (K)


271 m/z
Counts
Temperature (K)
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50
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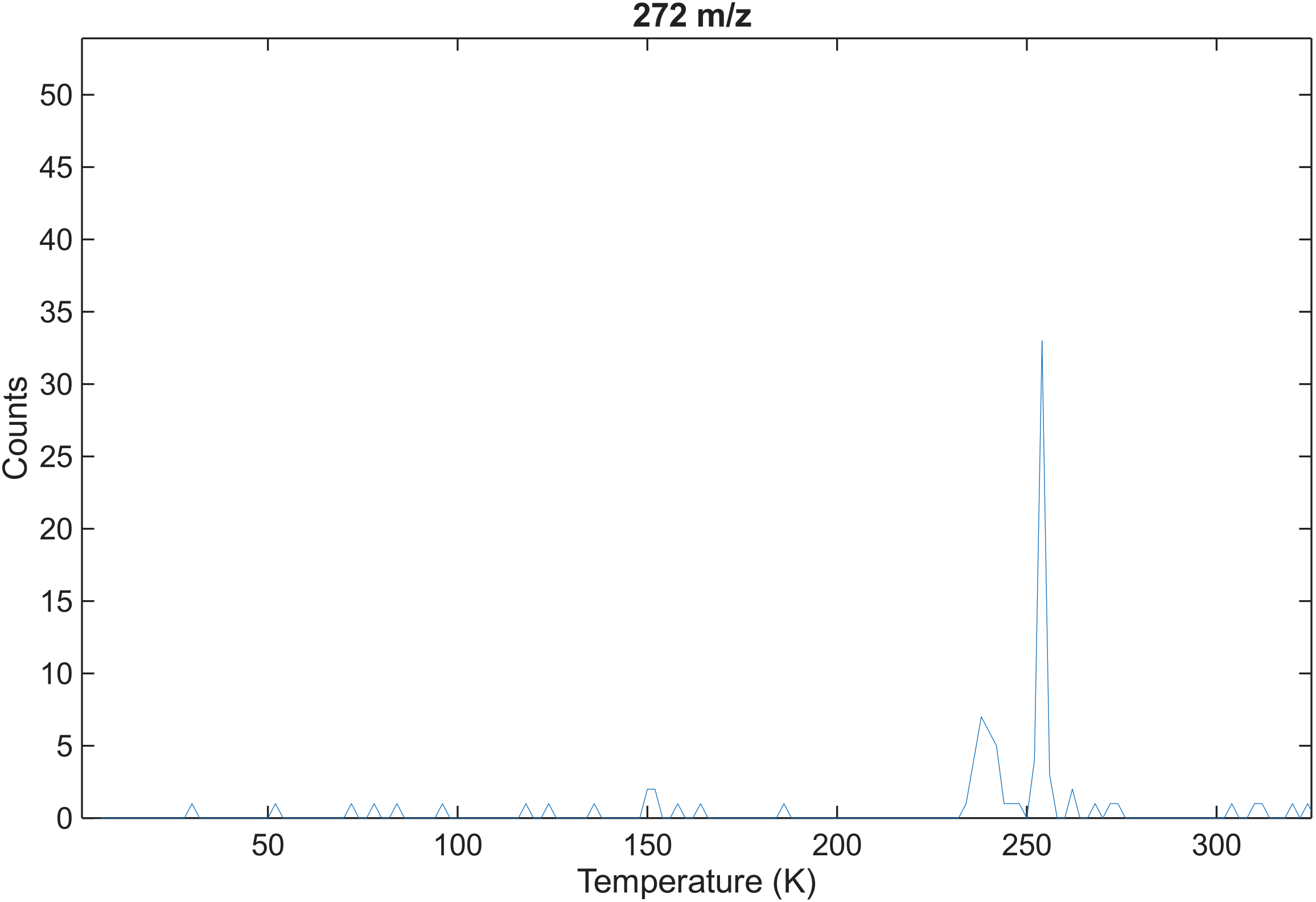
250
300


272 m/z
Counts
Temperature (K)
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45
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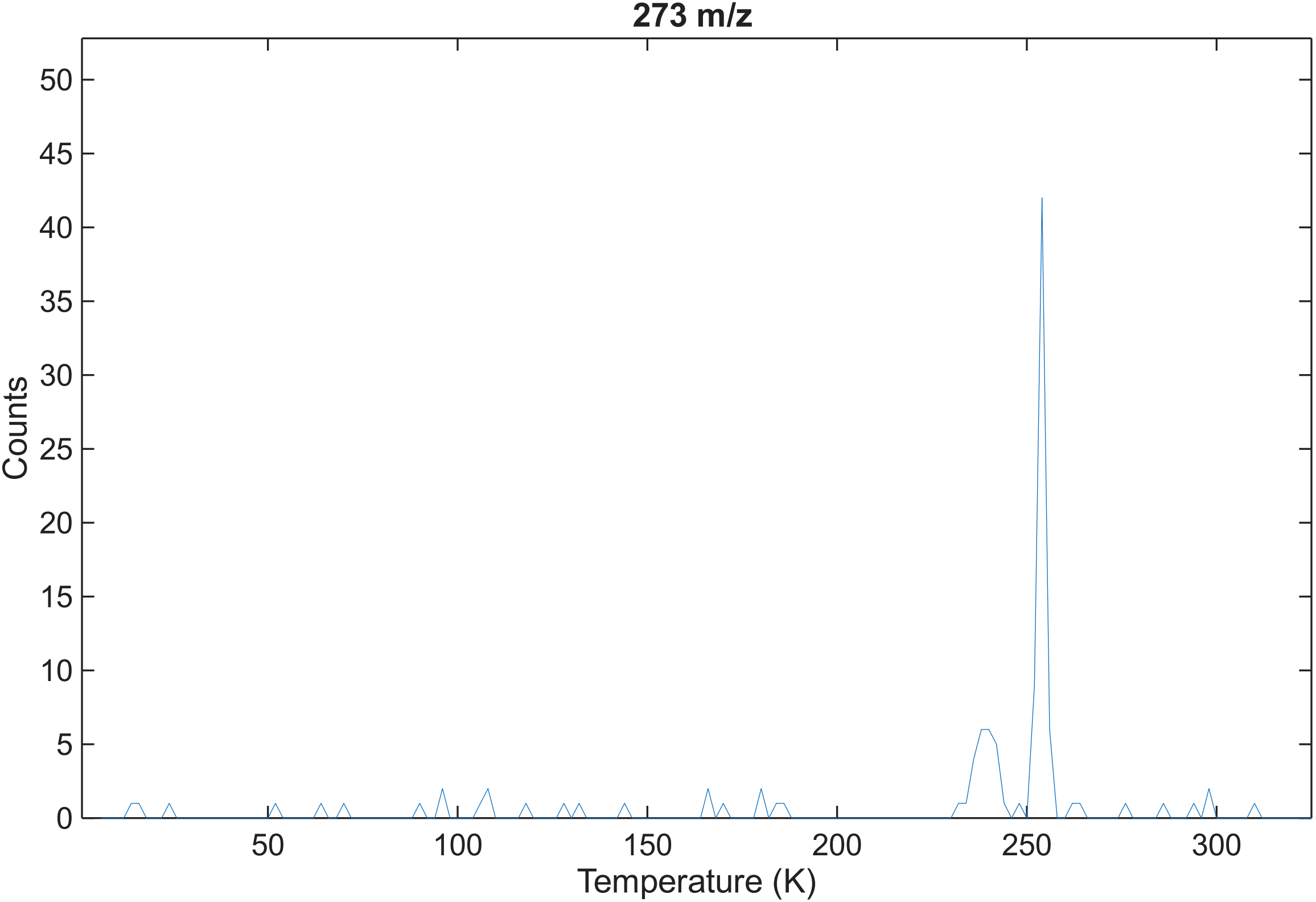
200
250
300


273 m/z
Counts
Temperature (K)
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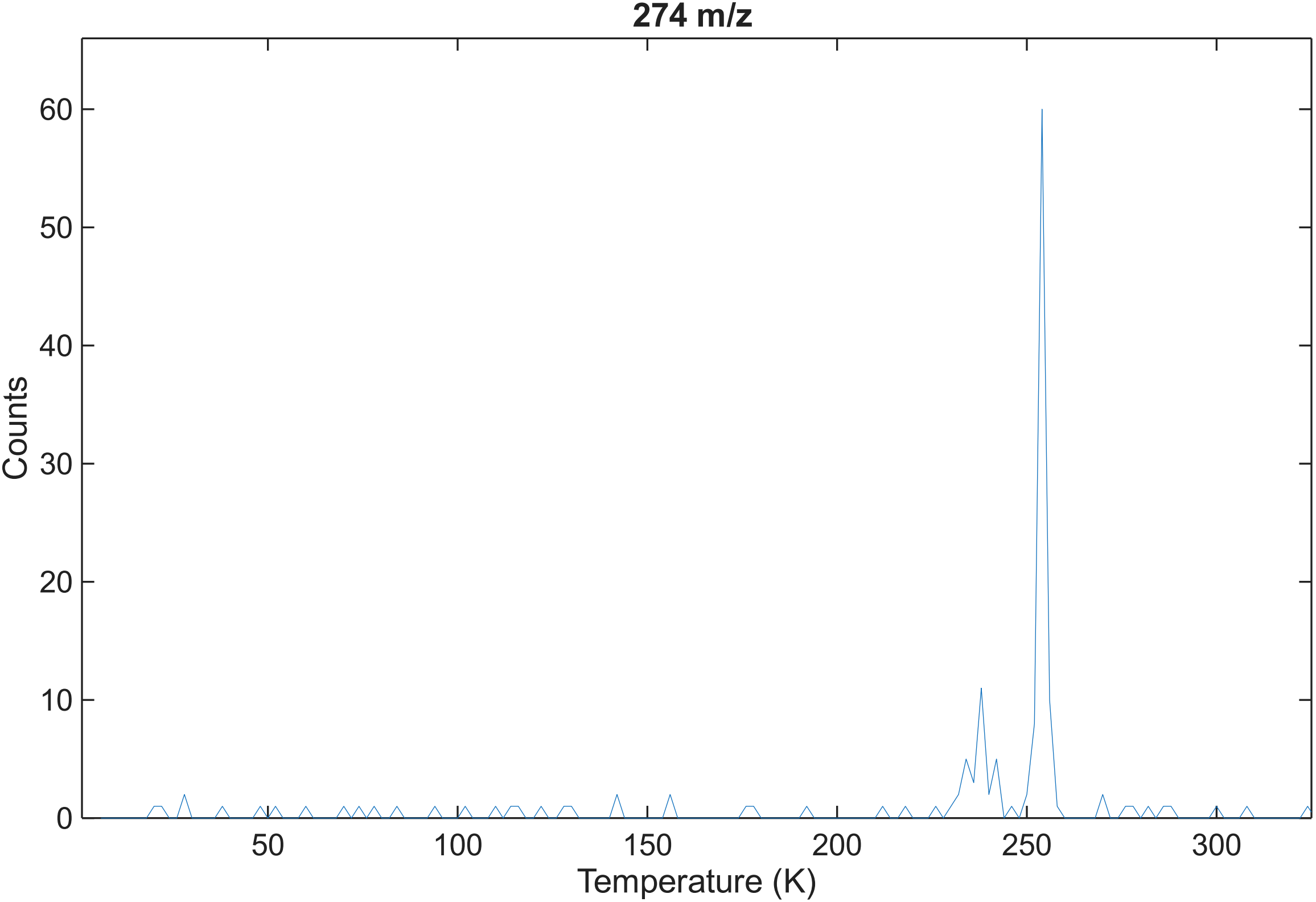
274 m/z
Counts
Temperature (K)
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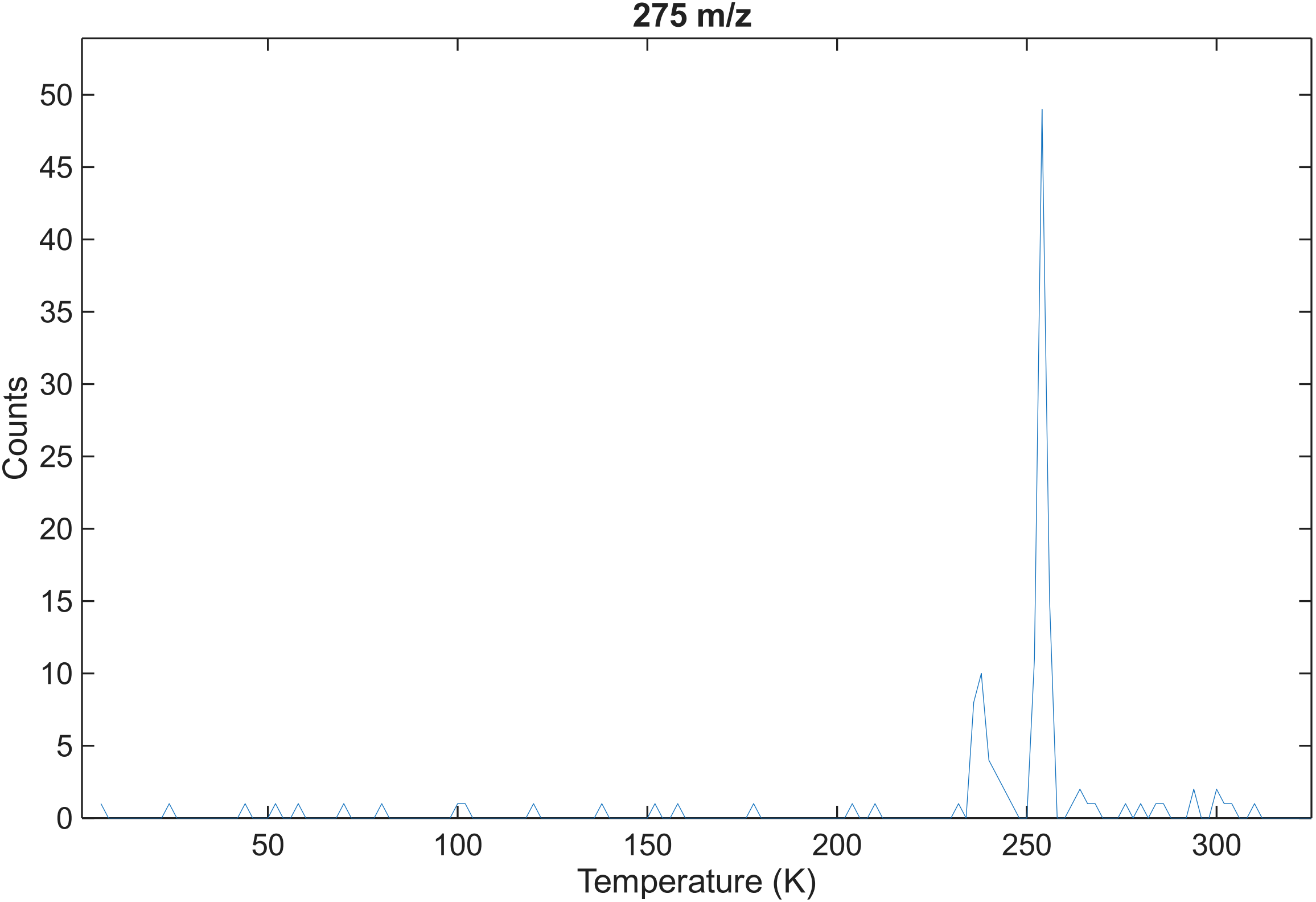
275 m/z
Counts
Temperature (K)
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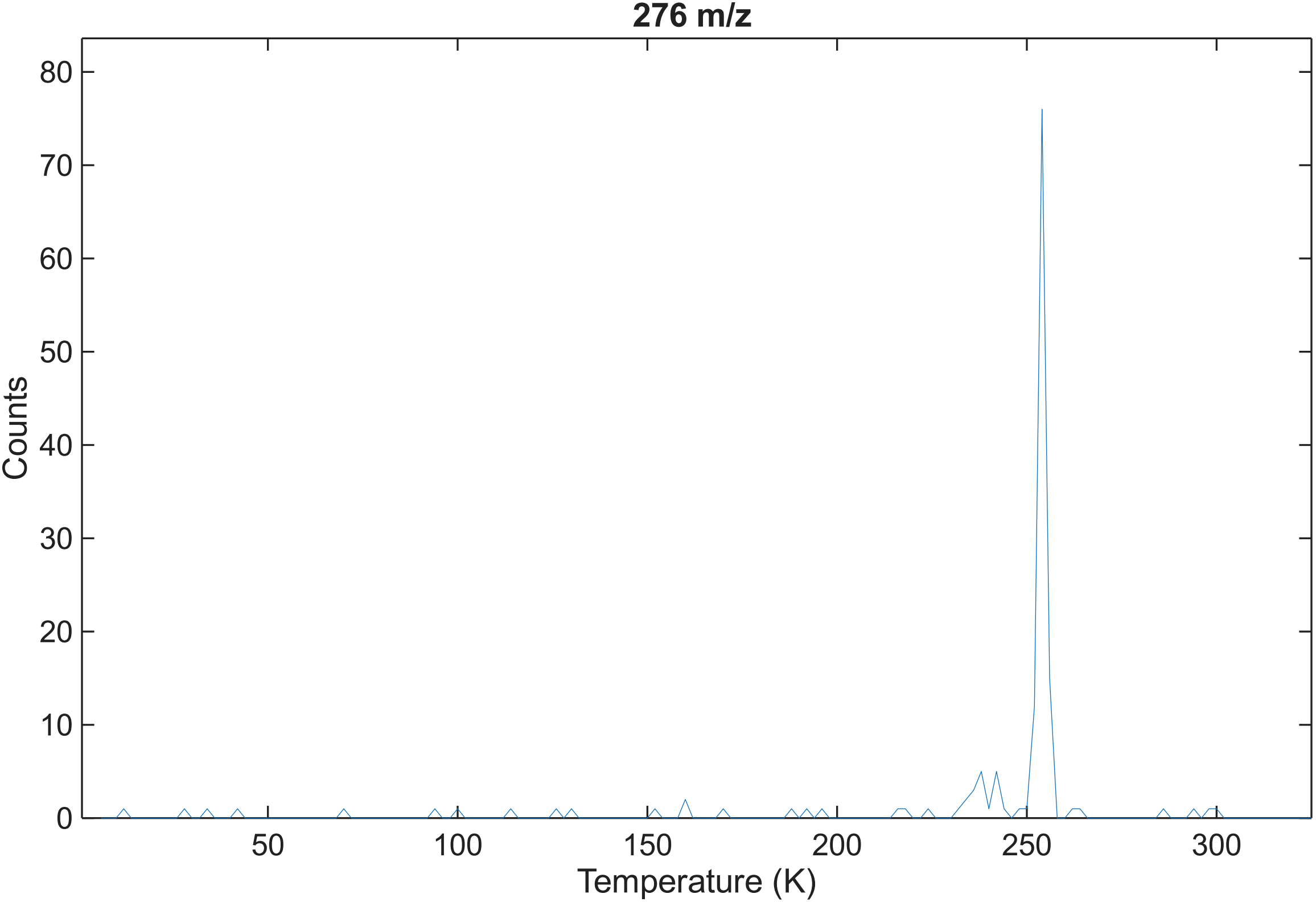
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Counts
Temperature (K)
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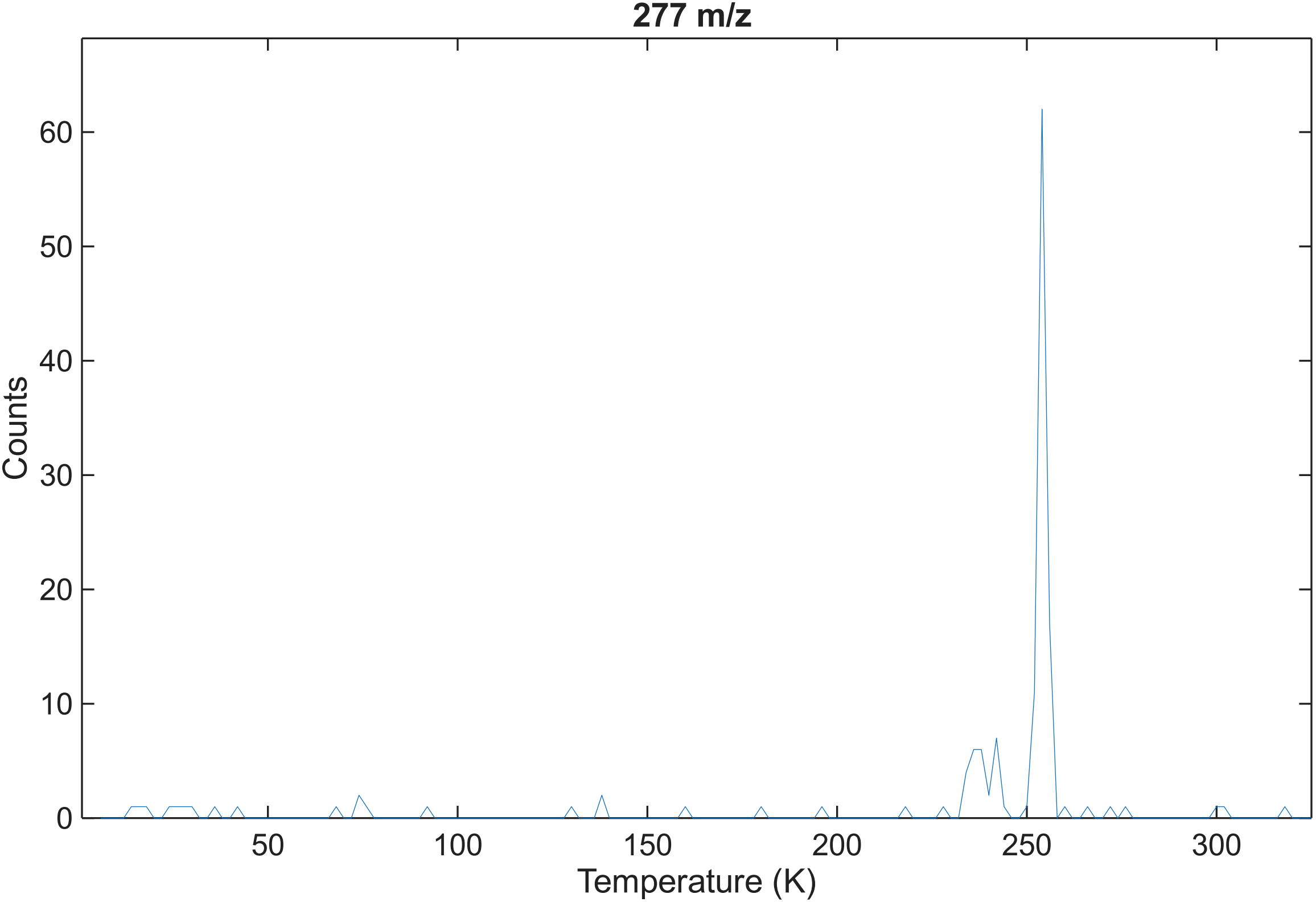
277 m/z
Counts
Temperature (K)
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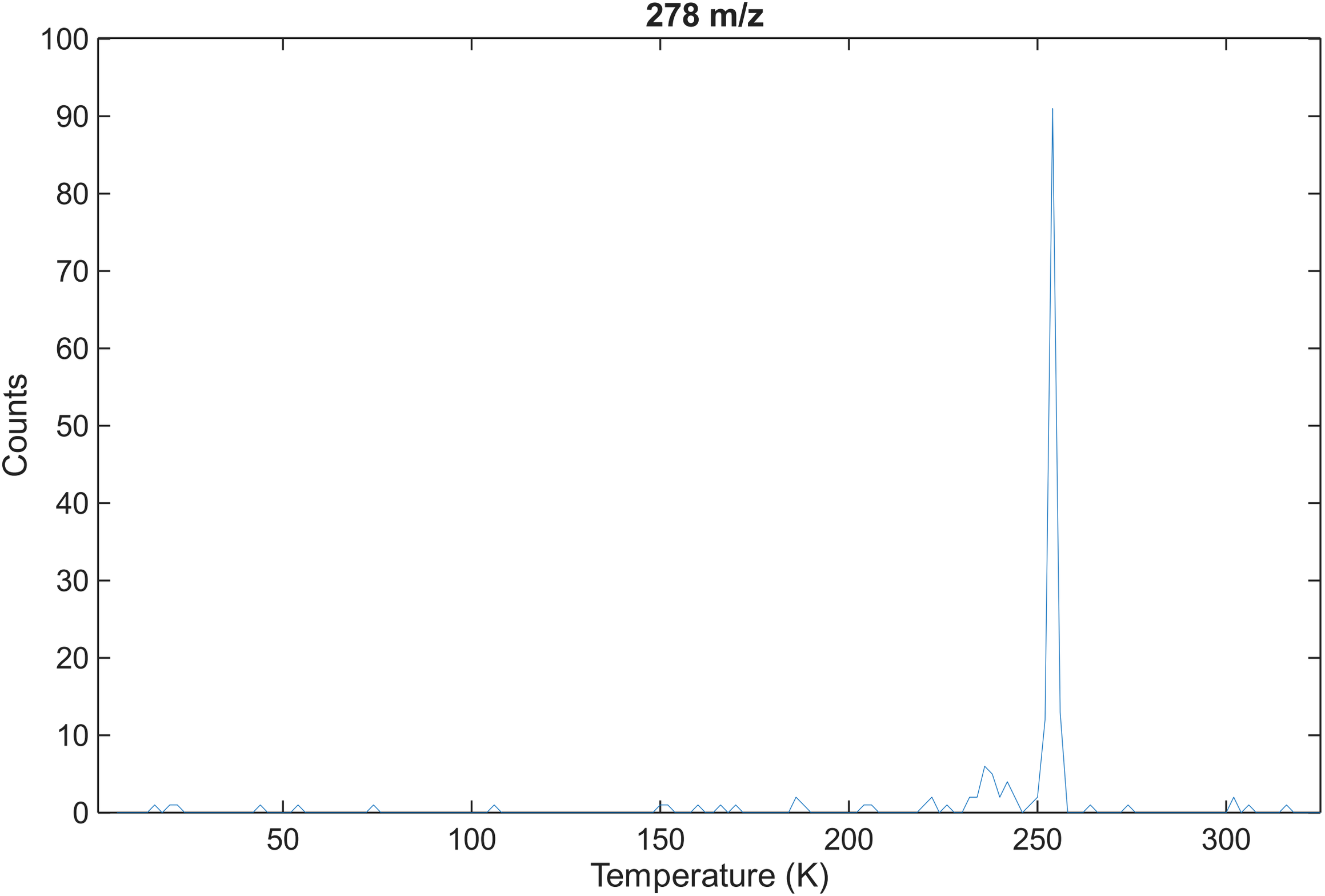
278 m/z
Counts
Temperature (K)
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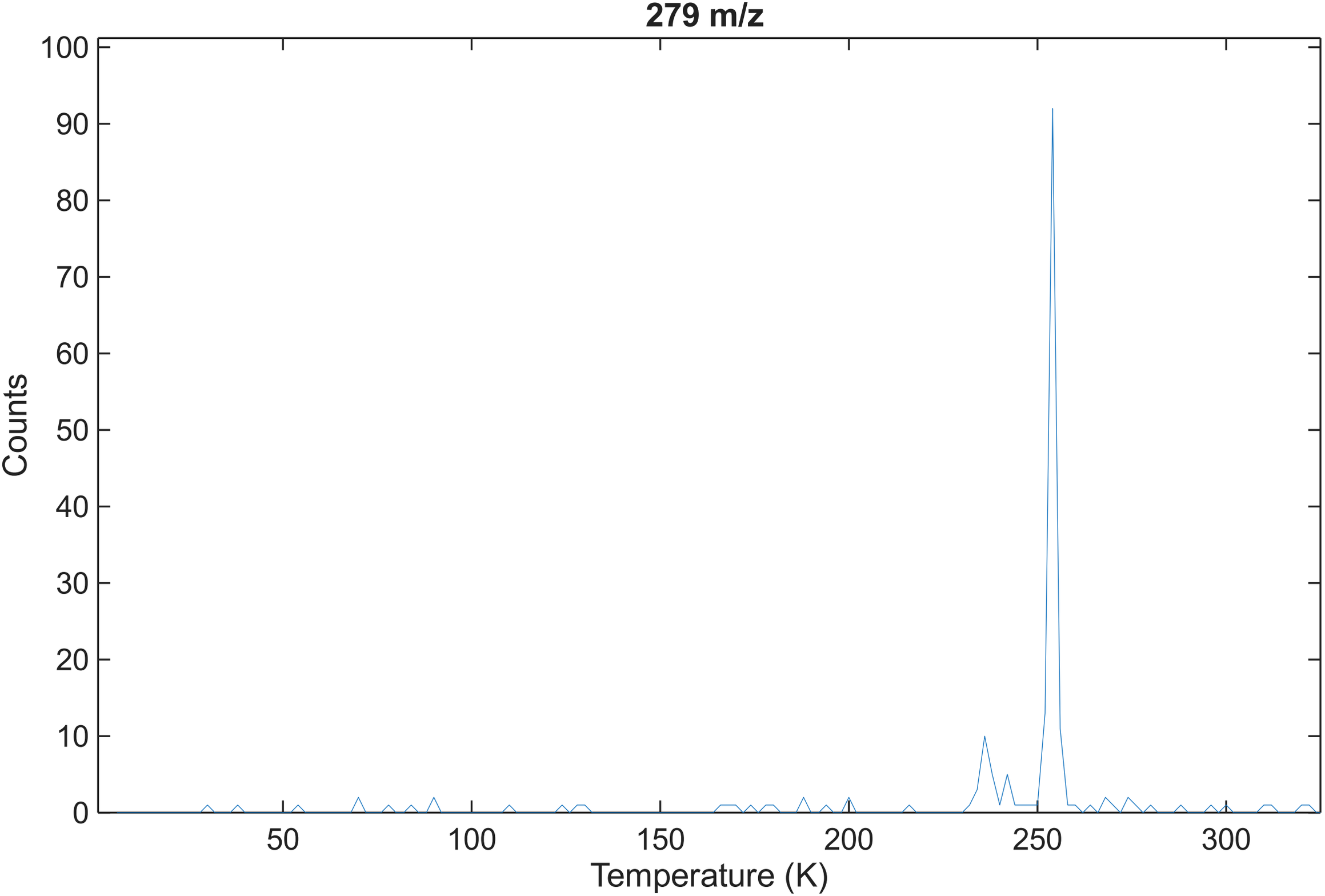
279 m/z
Counts
Temperature (K)
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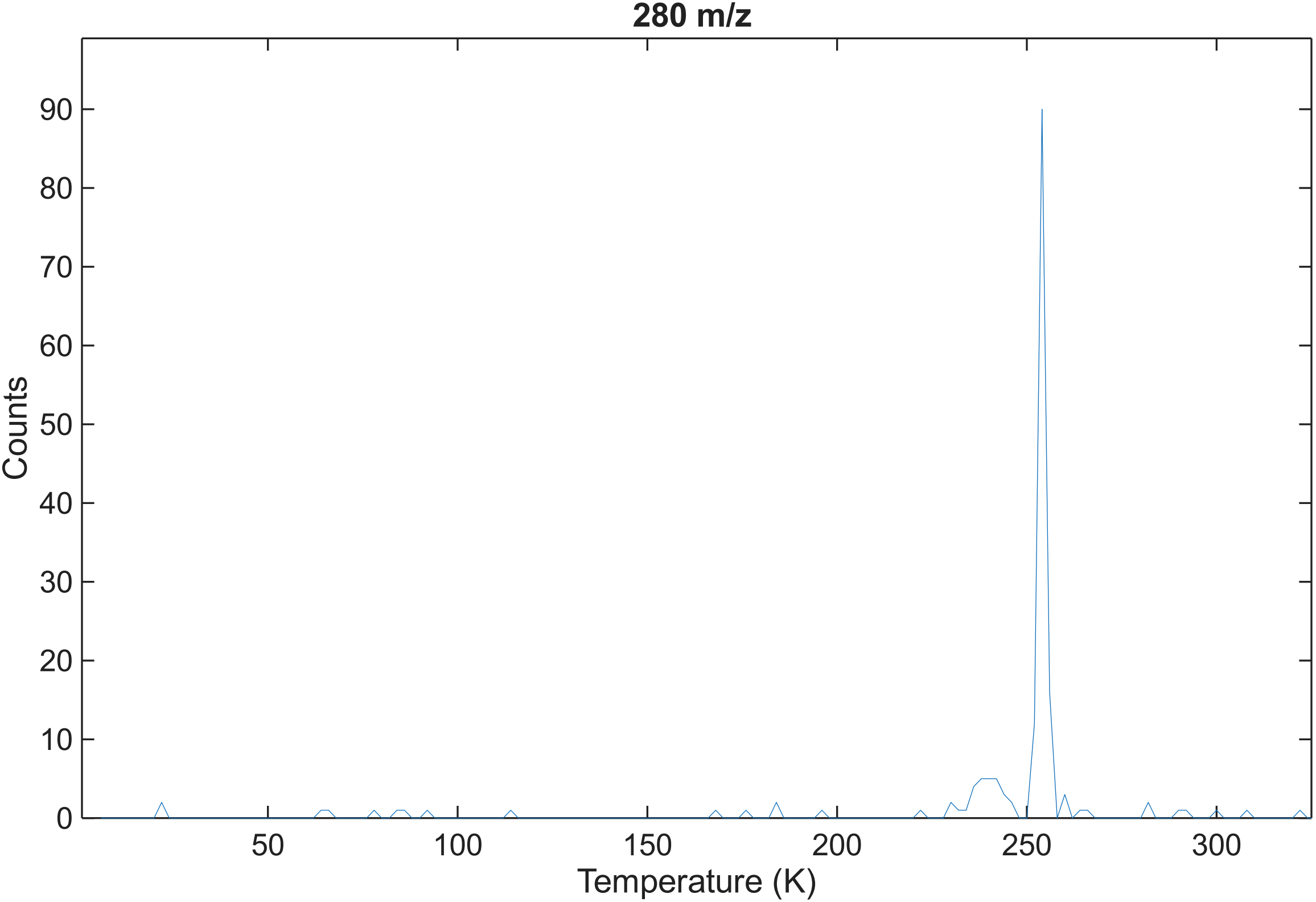
280 m/z
Counts
Temperature (K)
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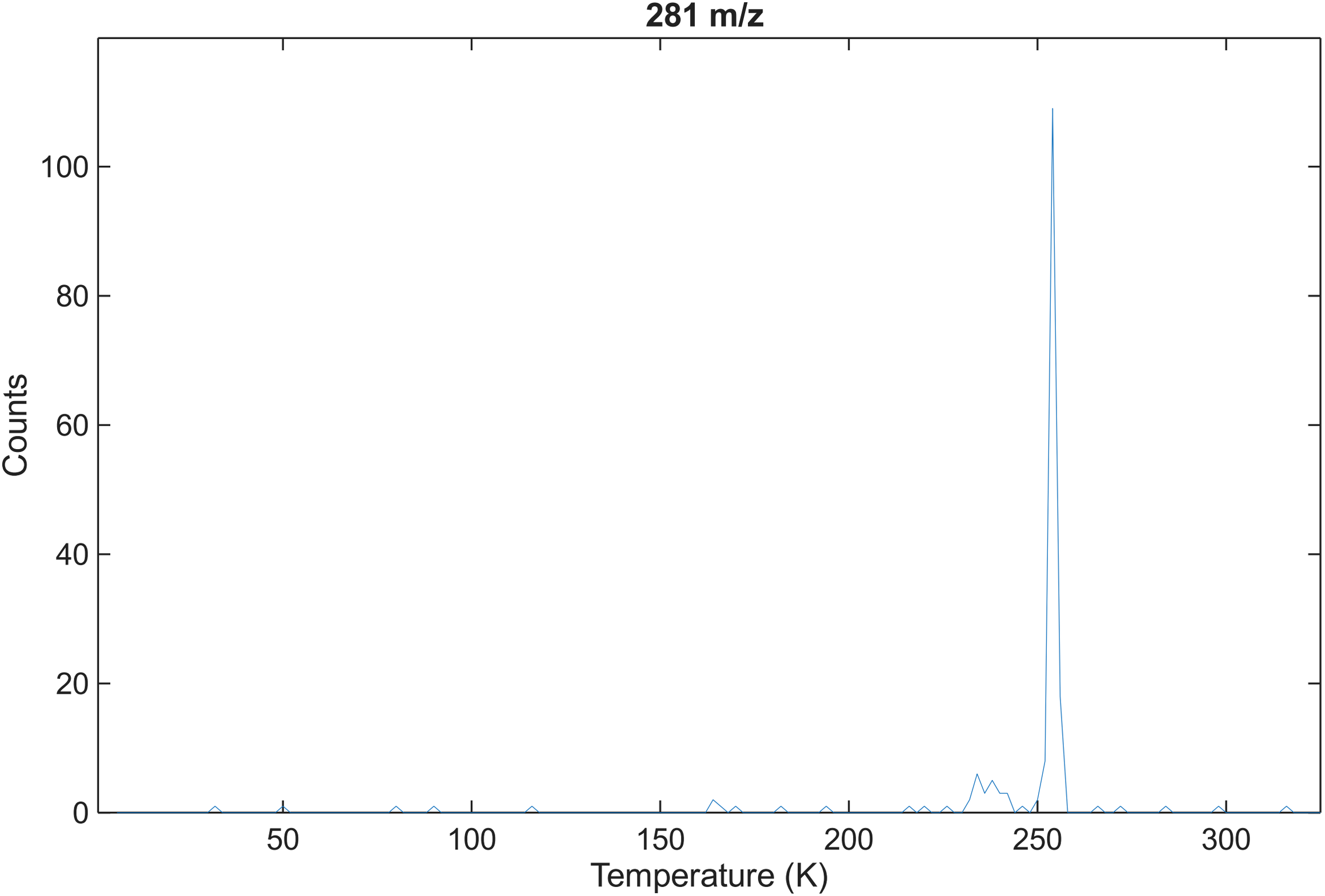
281 m/z
Counts
Temperature (K)
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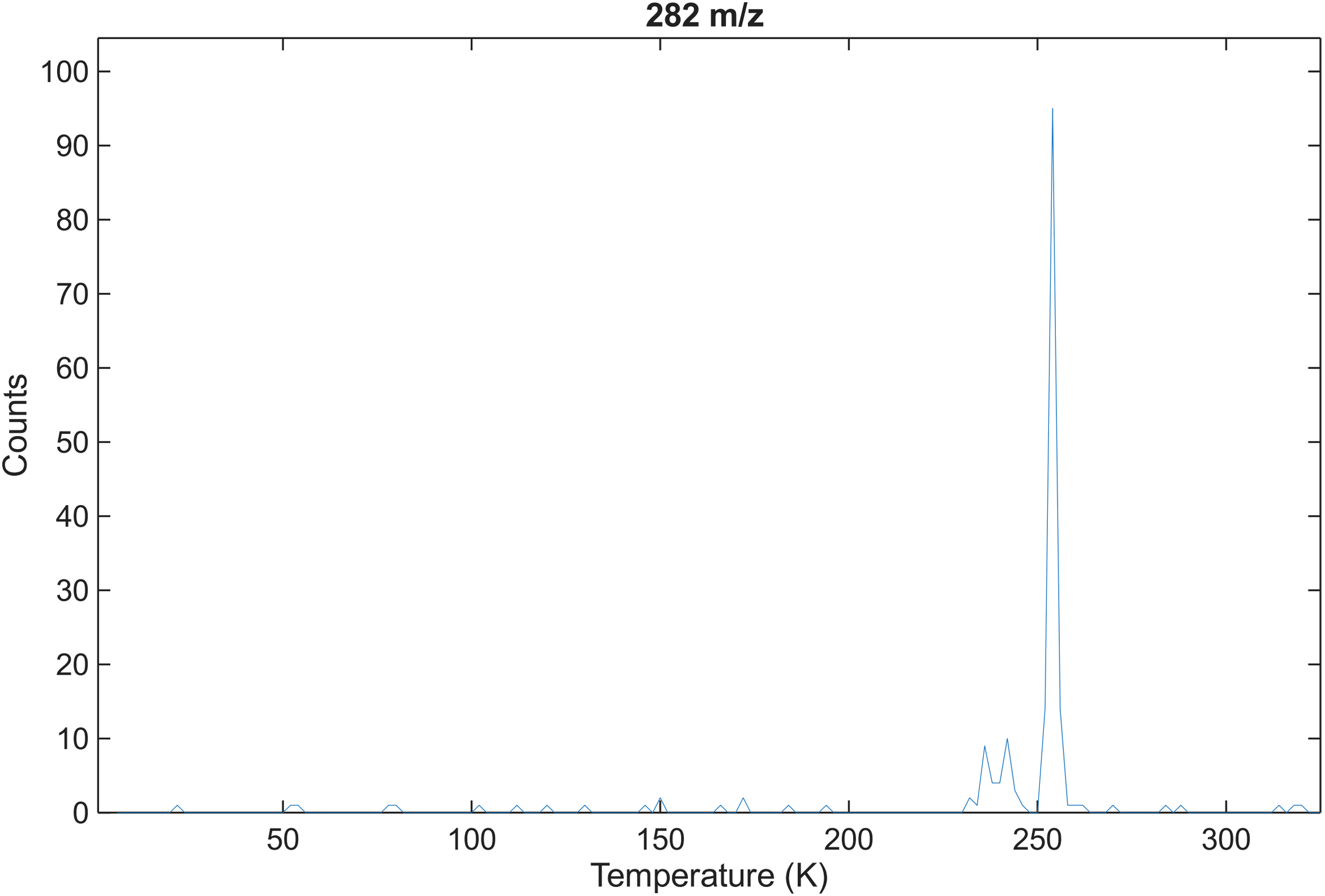
282 m/z
Counts
Temperature (K)
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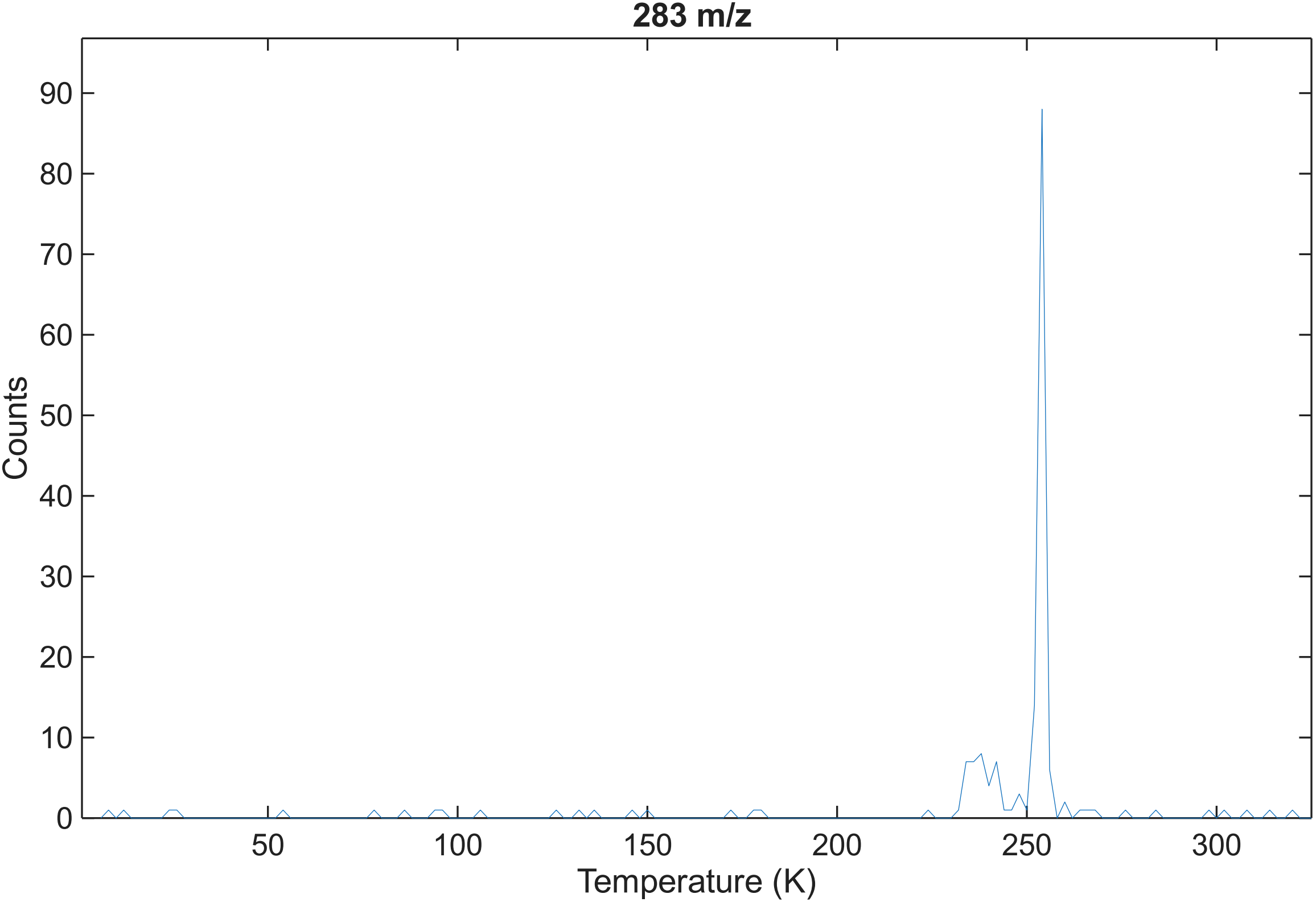
283 m/z
Counts
Temperature (K)
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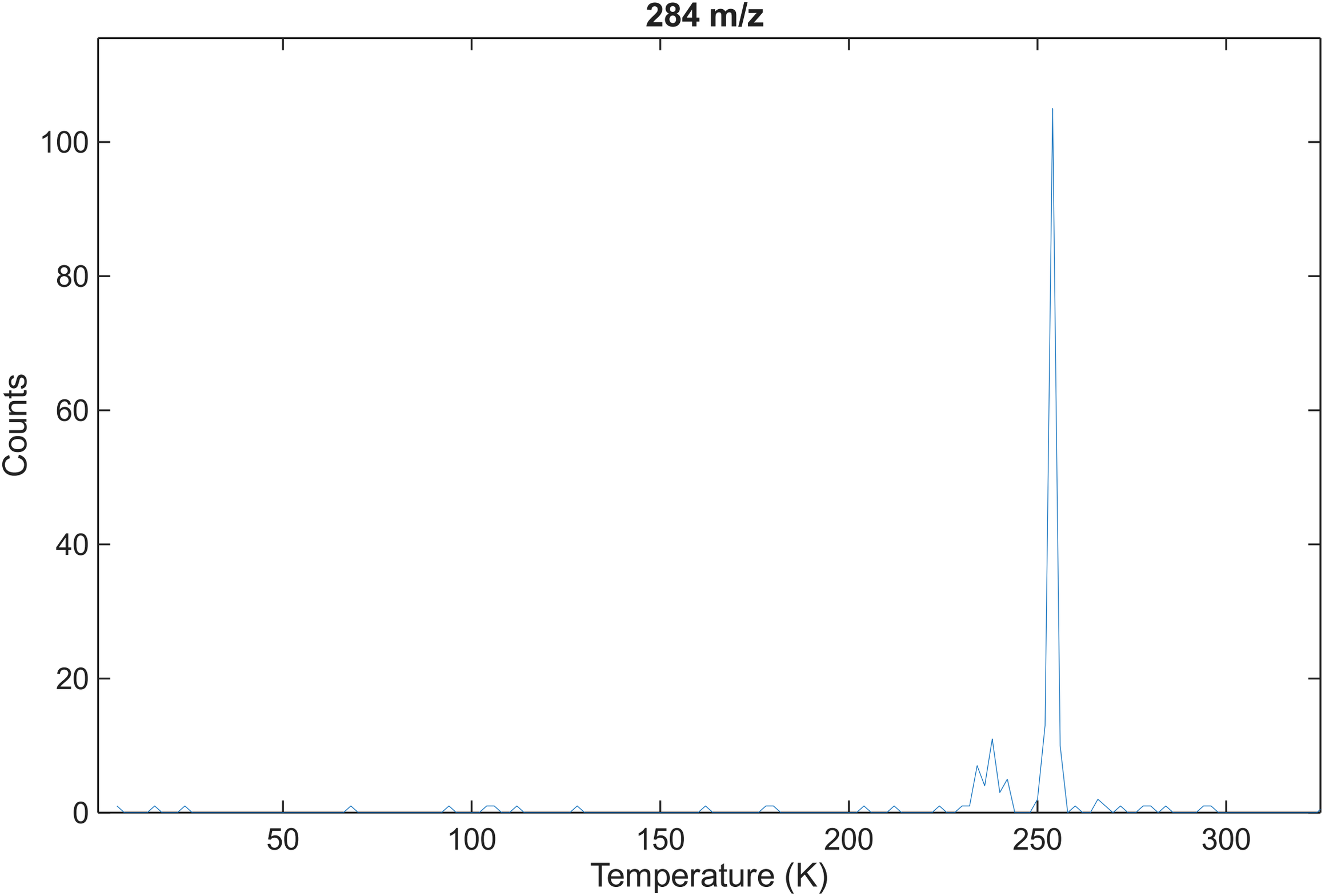
284 m/z
Counts
Temperature (K)
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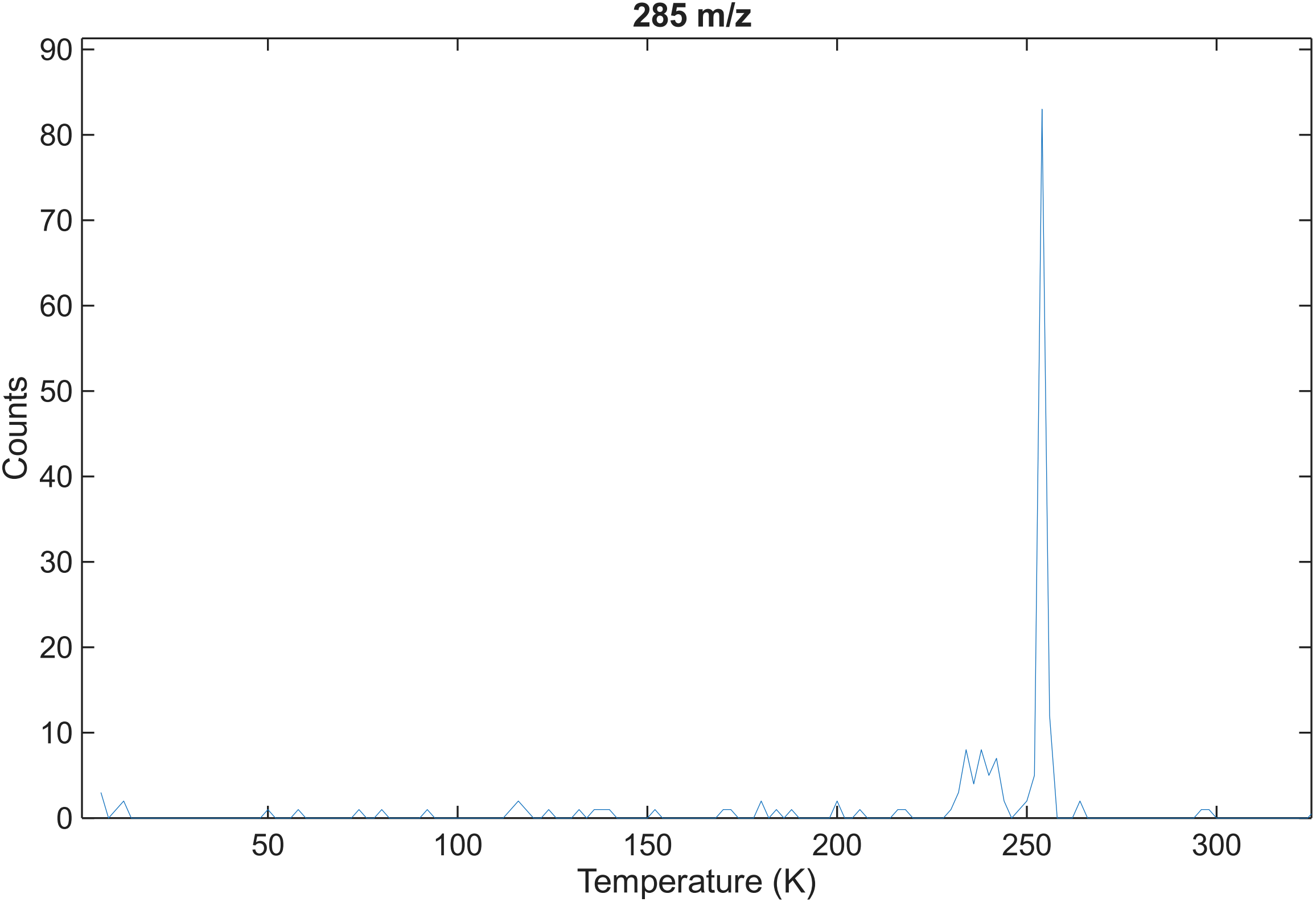
285 m/z
Counts
Temperature (K)
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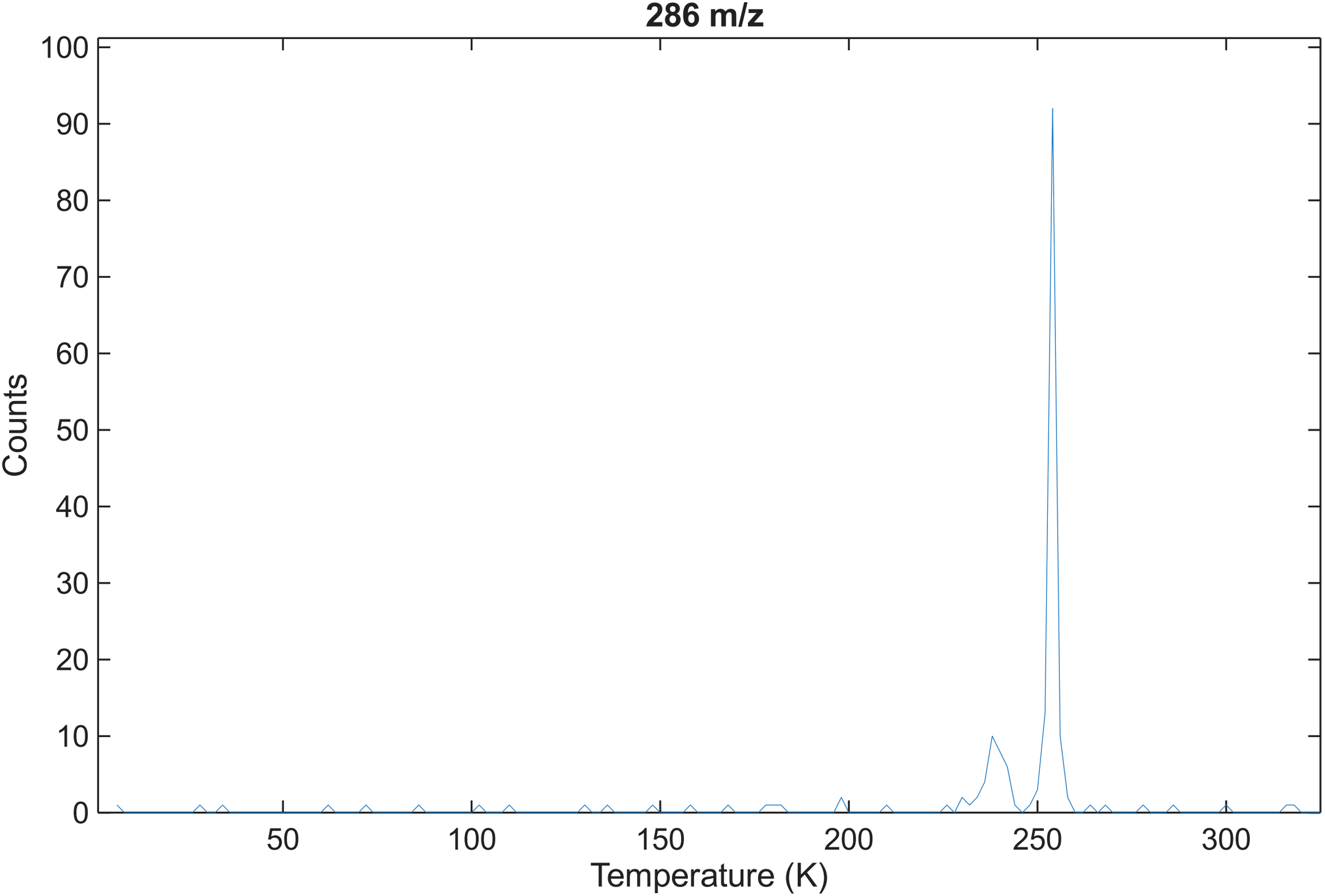
286 m/z
Counts
Temperature (K)
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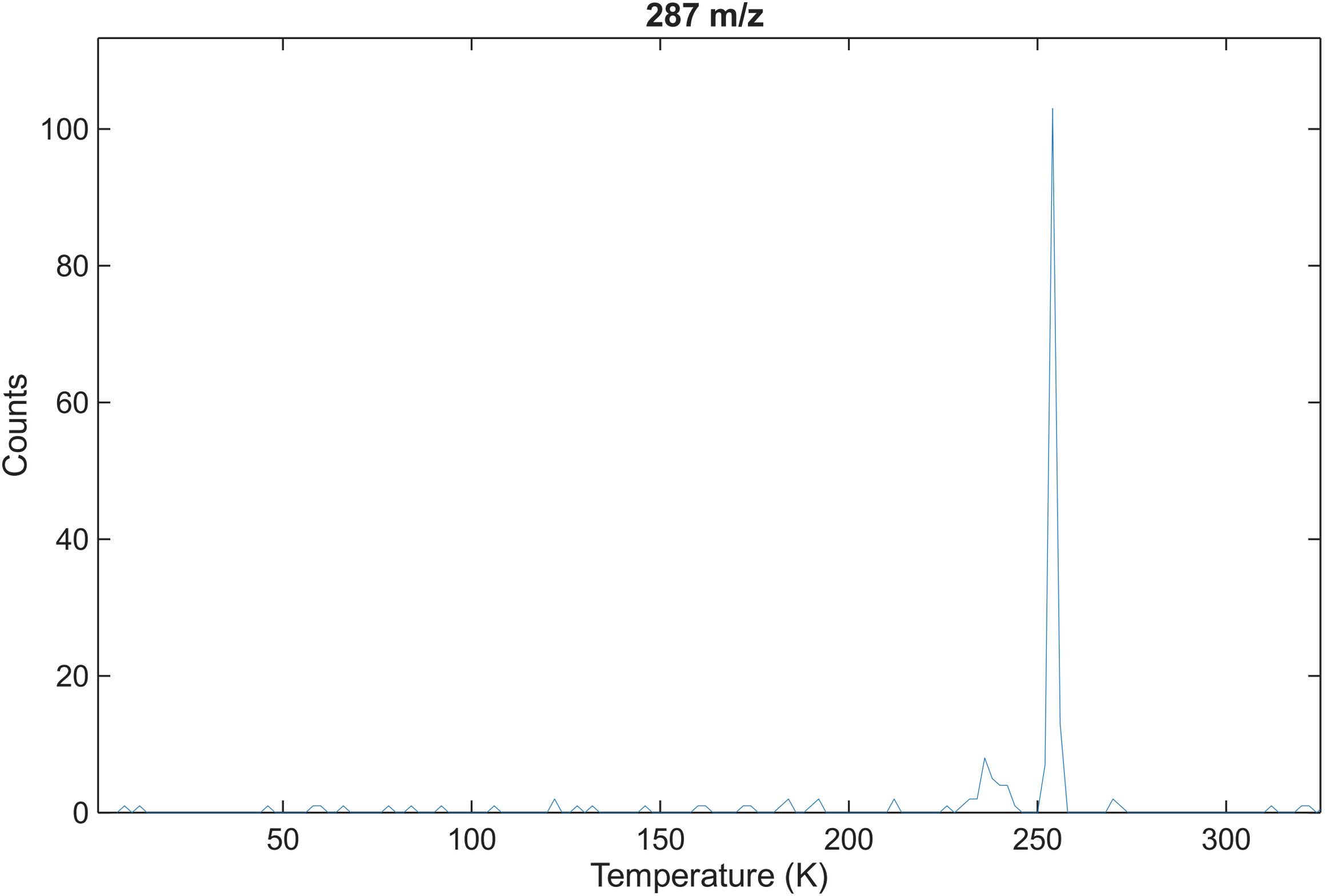
287 m/z
Counts
Temperature (K)
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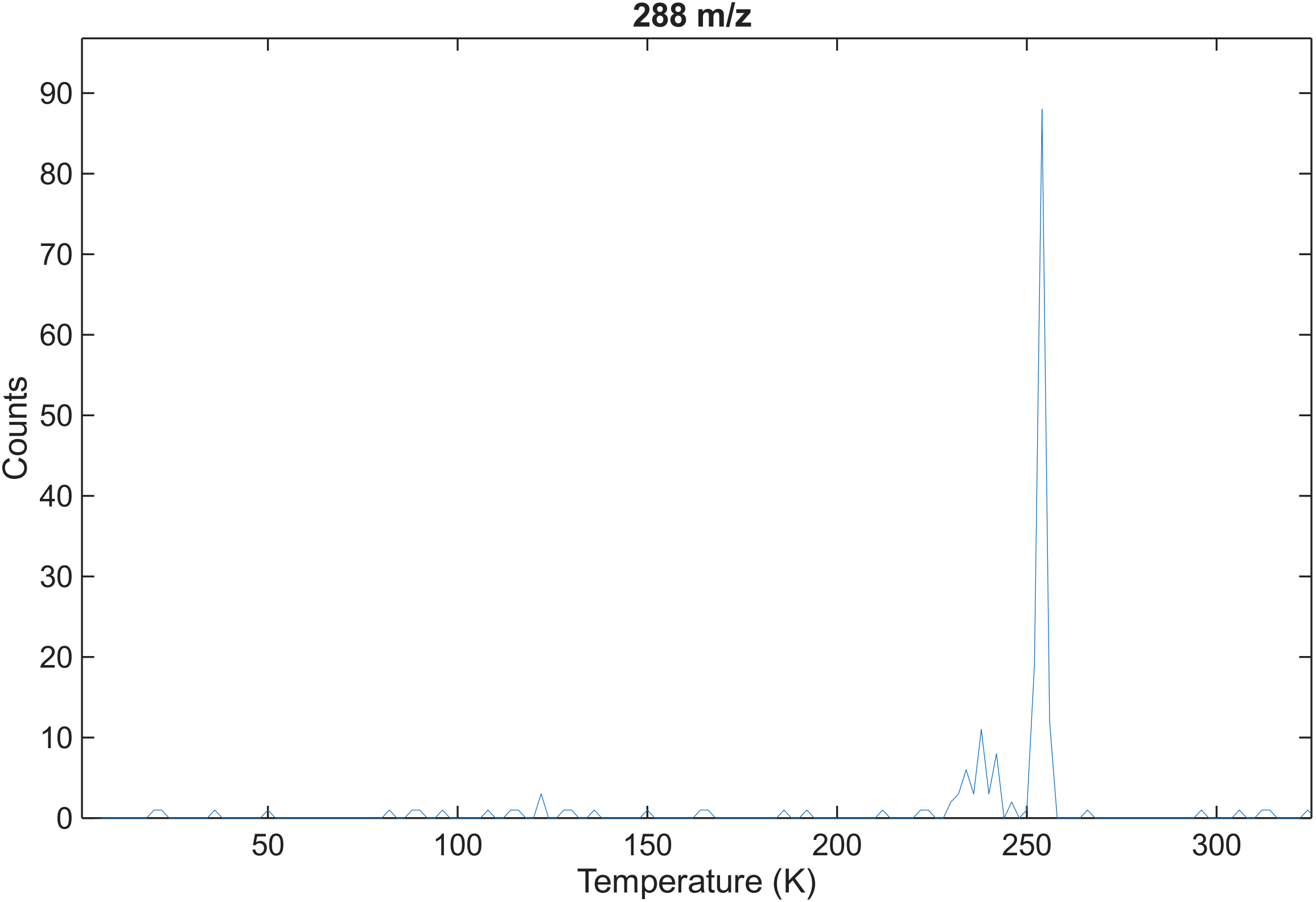
288 m/z
Counts
Temperature (K)
0
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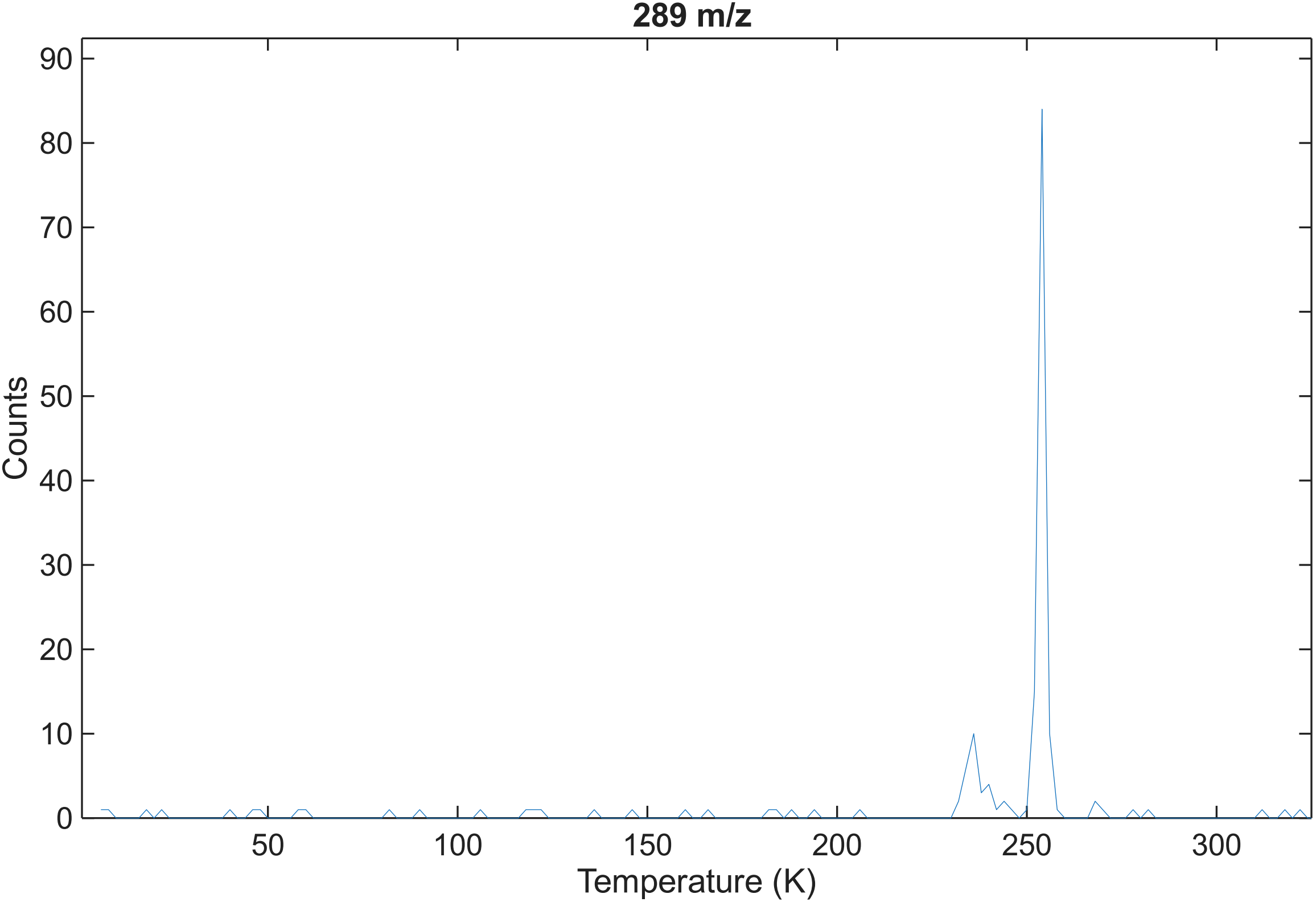
289 m/z
Counts
Temperature (K)
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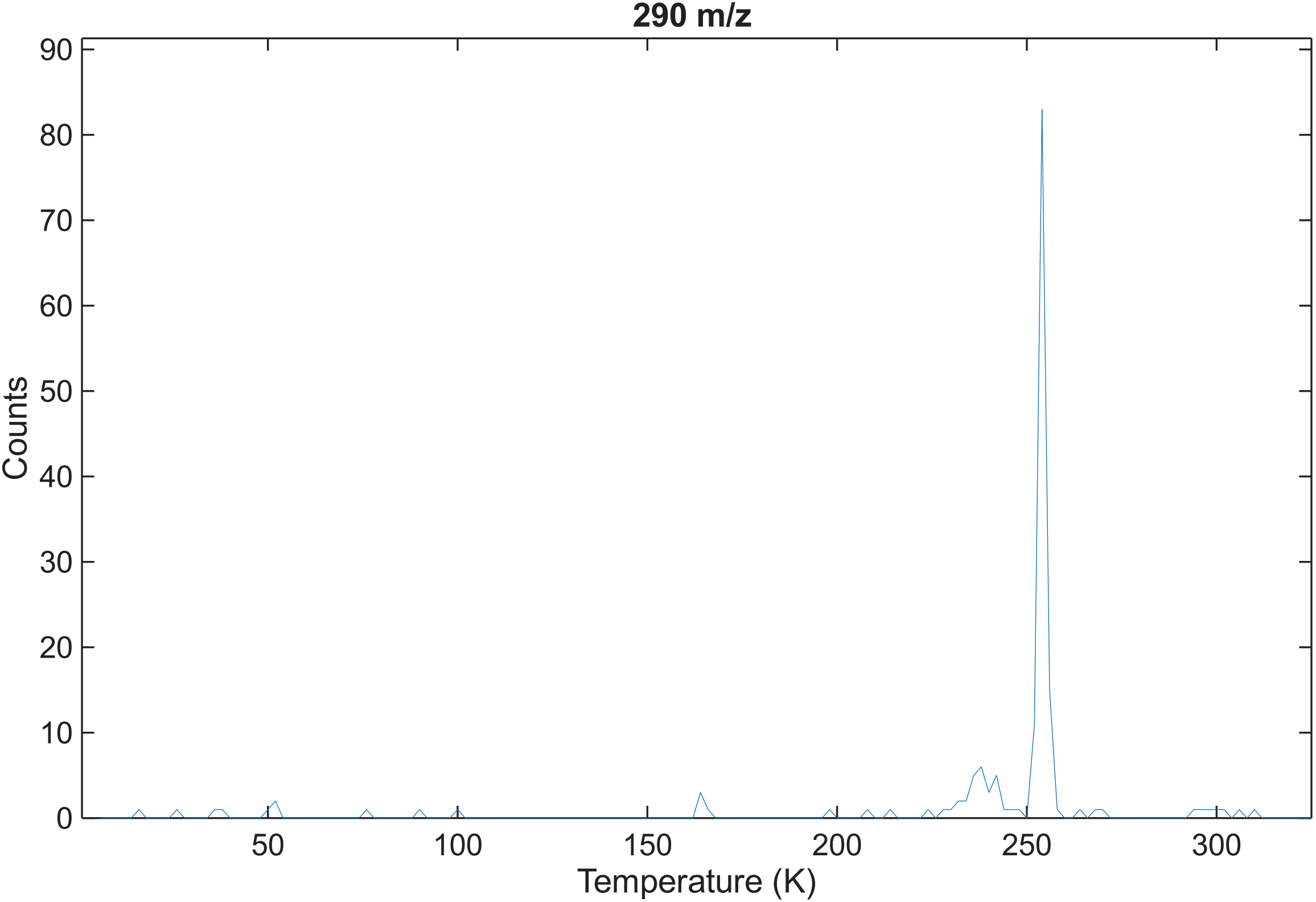
290 m/z
Counts
Temperature (K)
0
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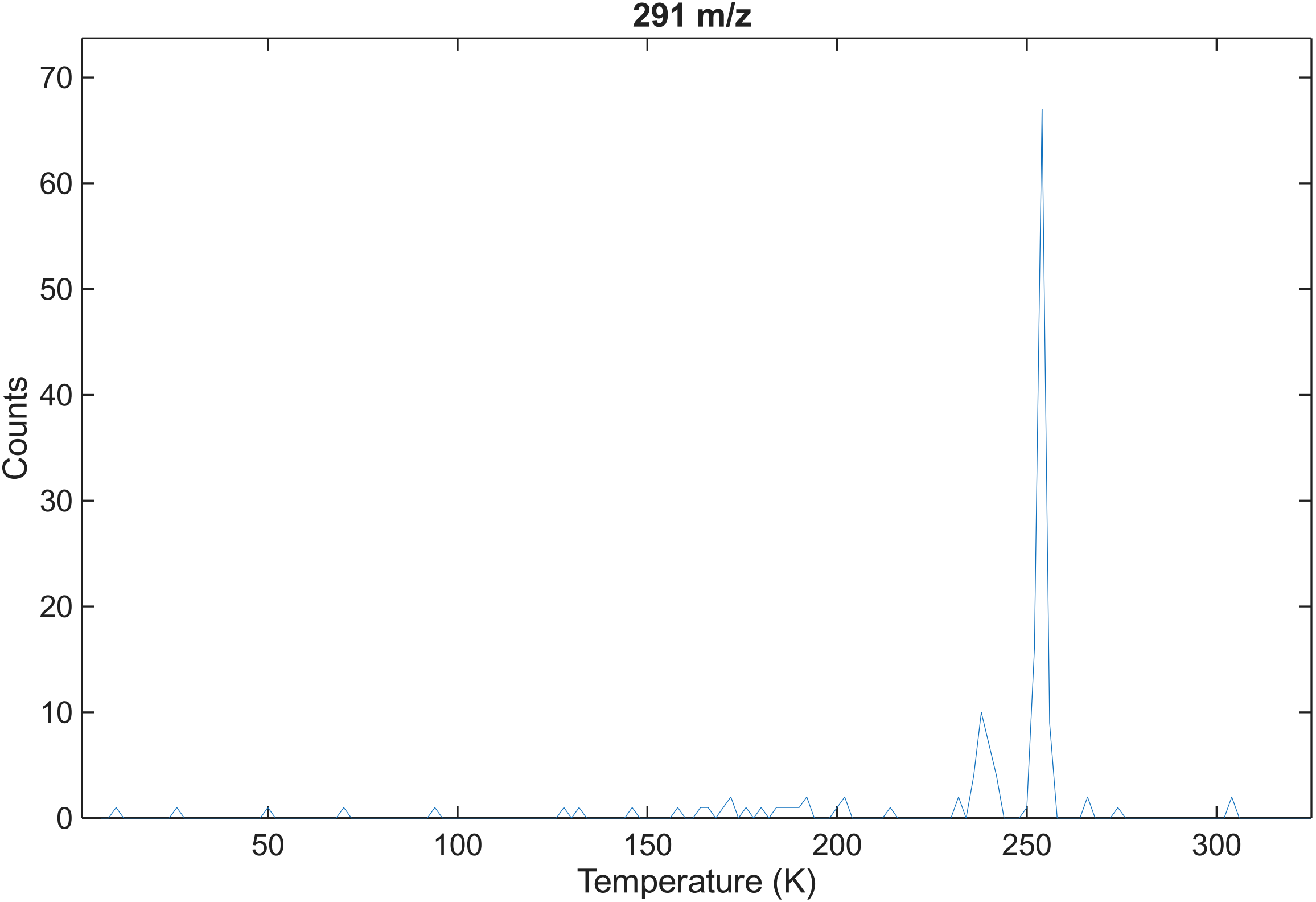
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Temperature (K)
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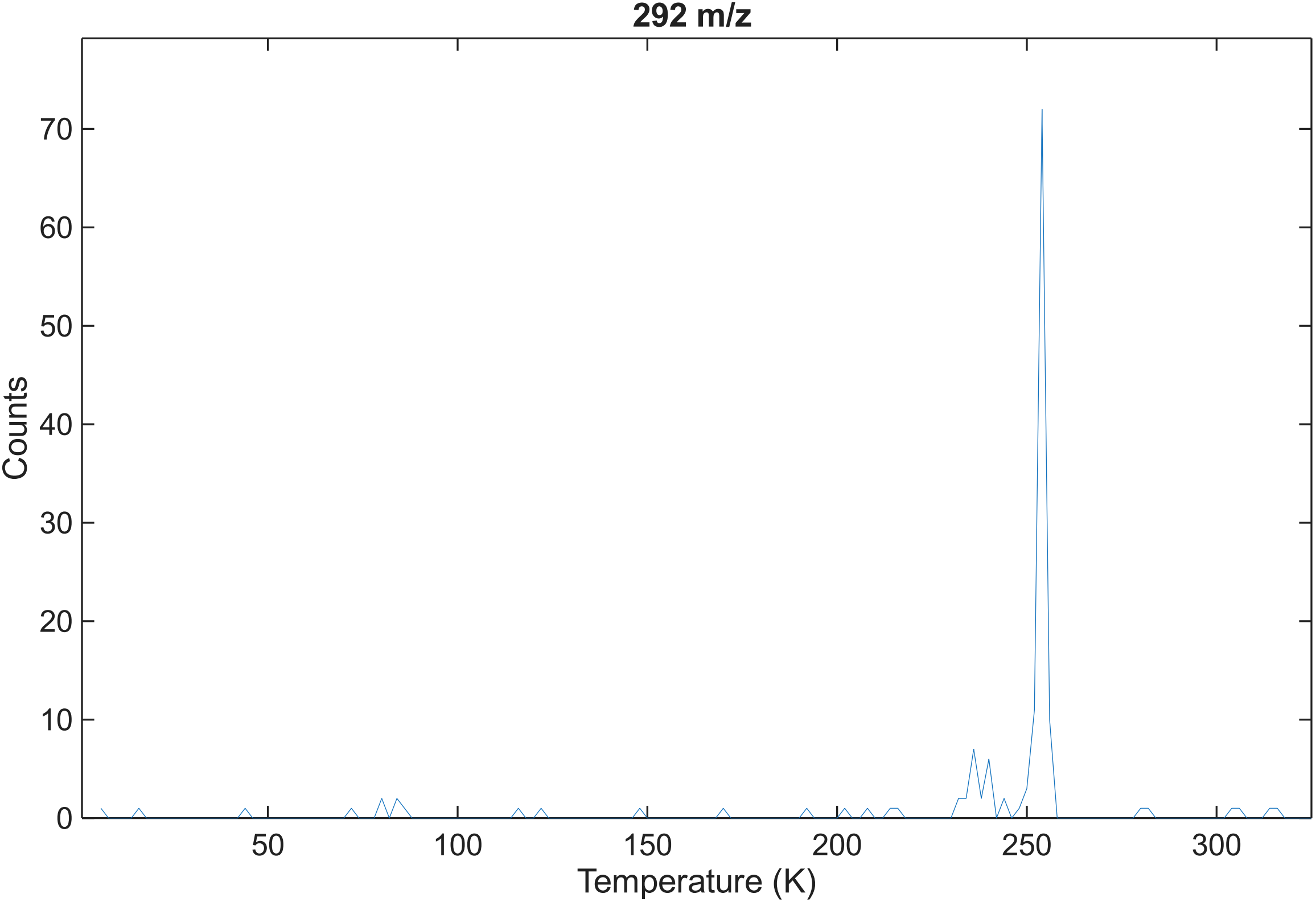
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Counts
Temperature (K)
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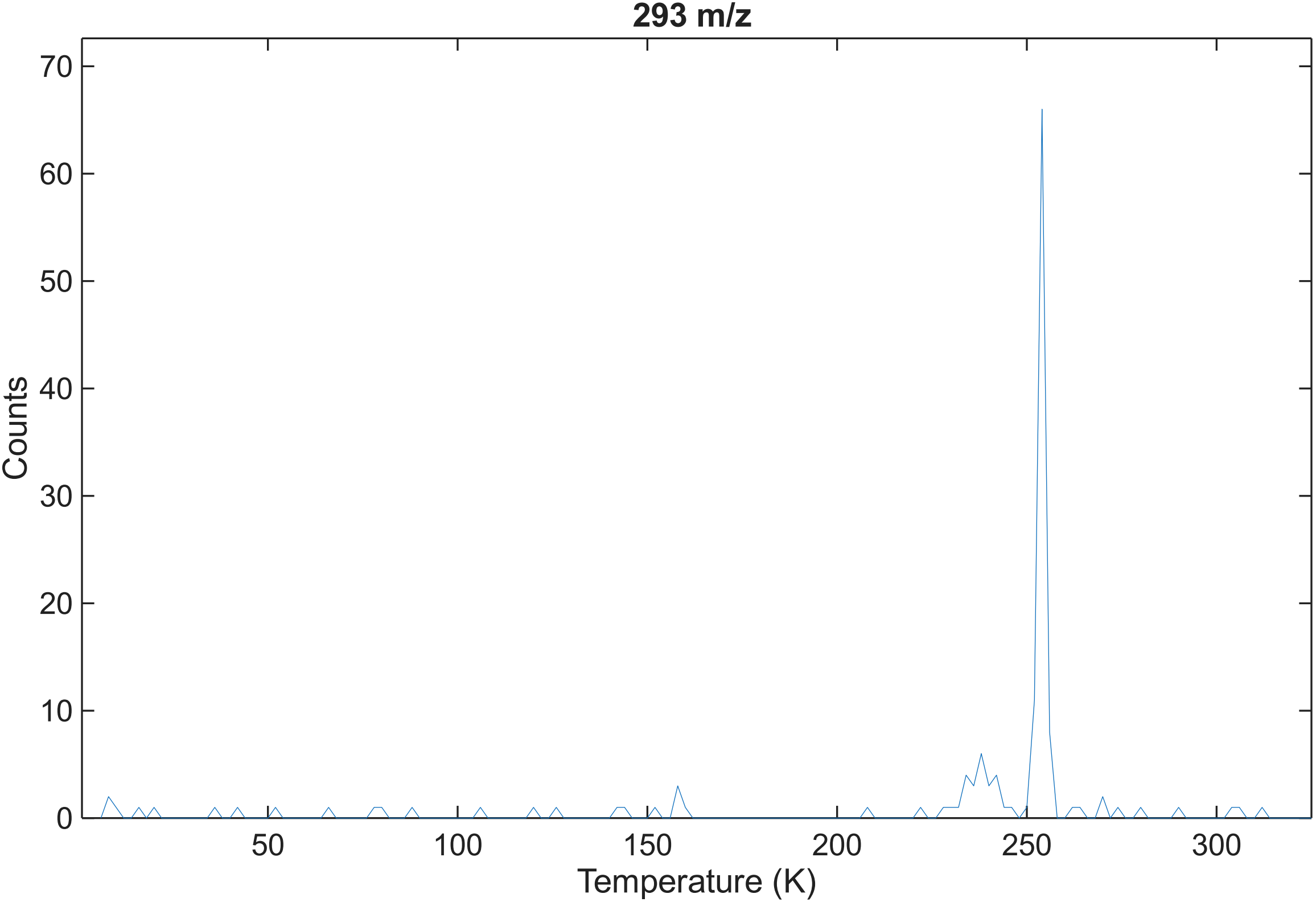
293 m/z
Counts
Temperature (K)
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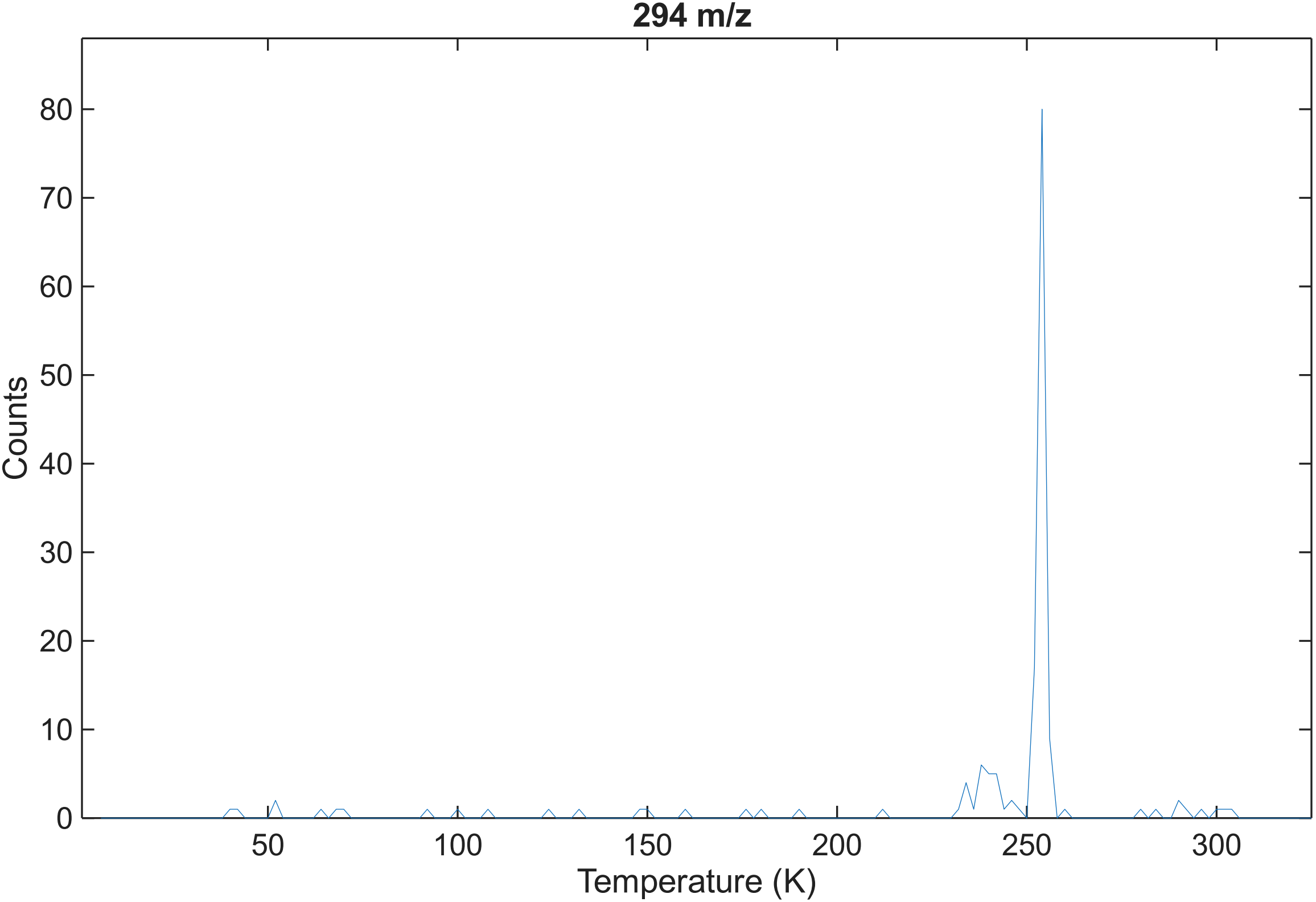
294 m/z
Counts
Temperature (K)
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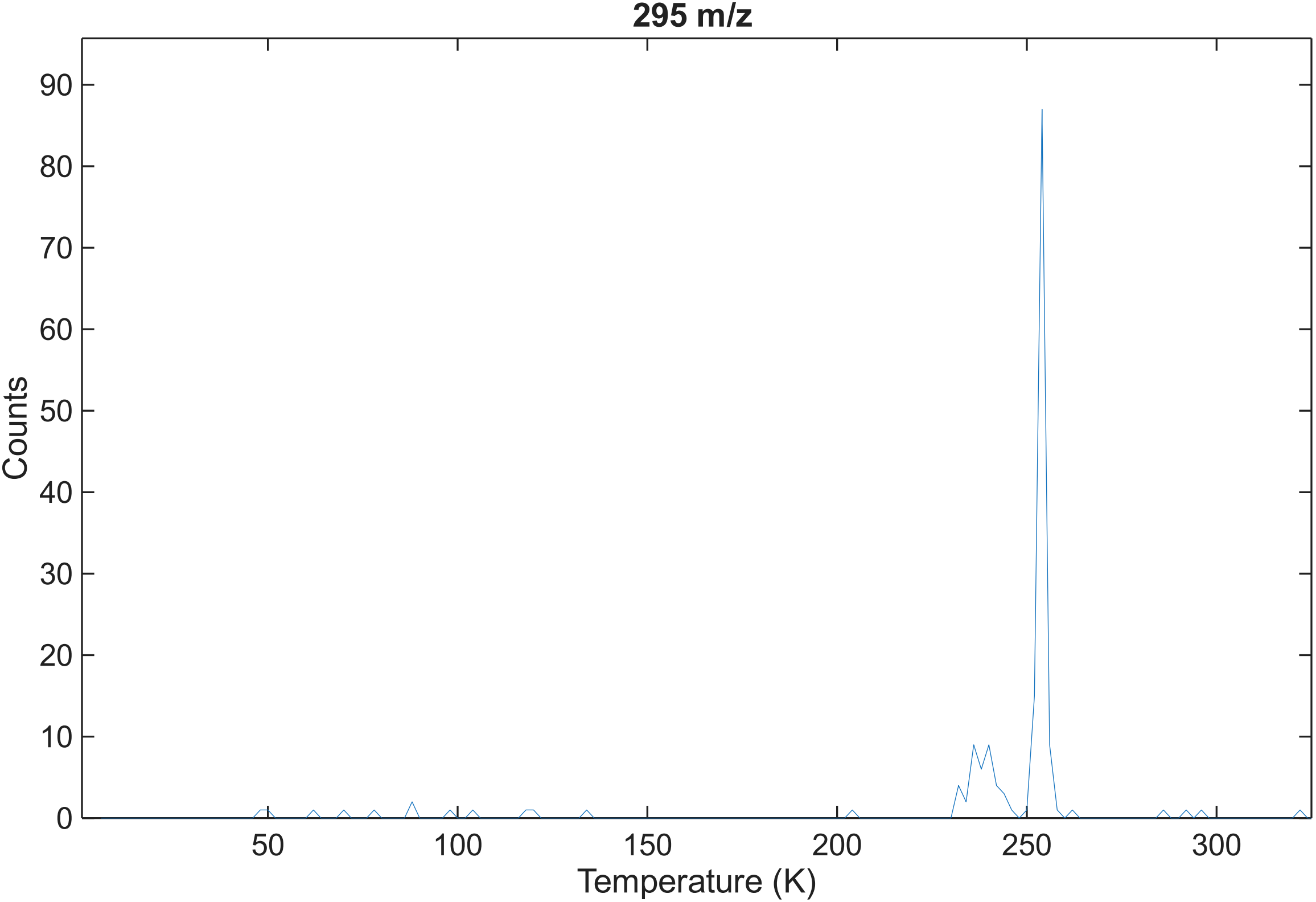
295 m/z
Counts
Temperature (K)
0
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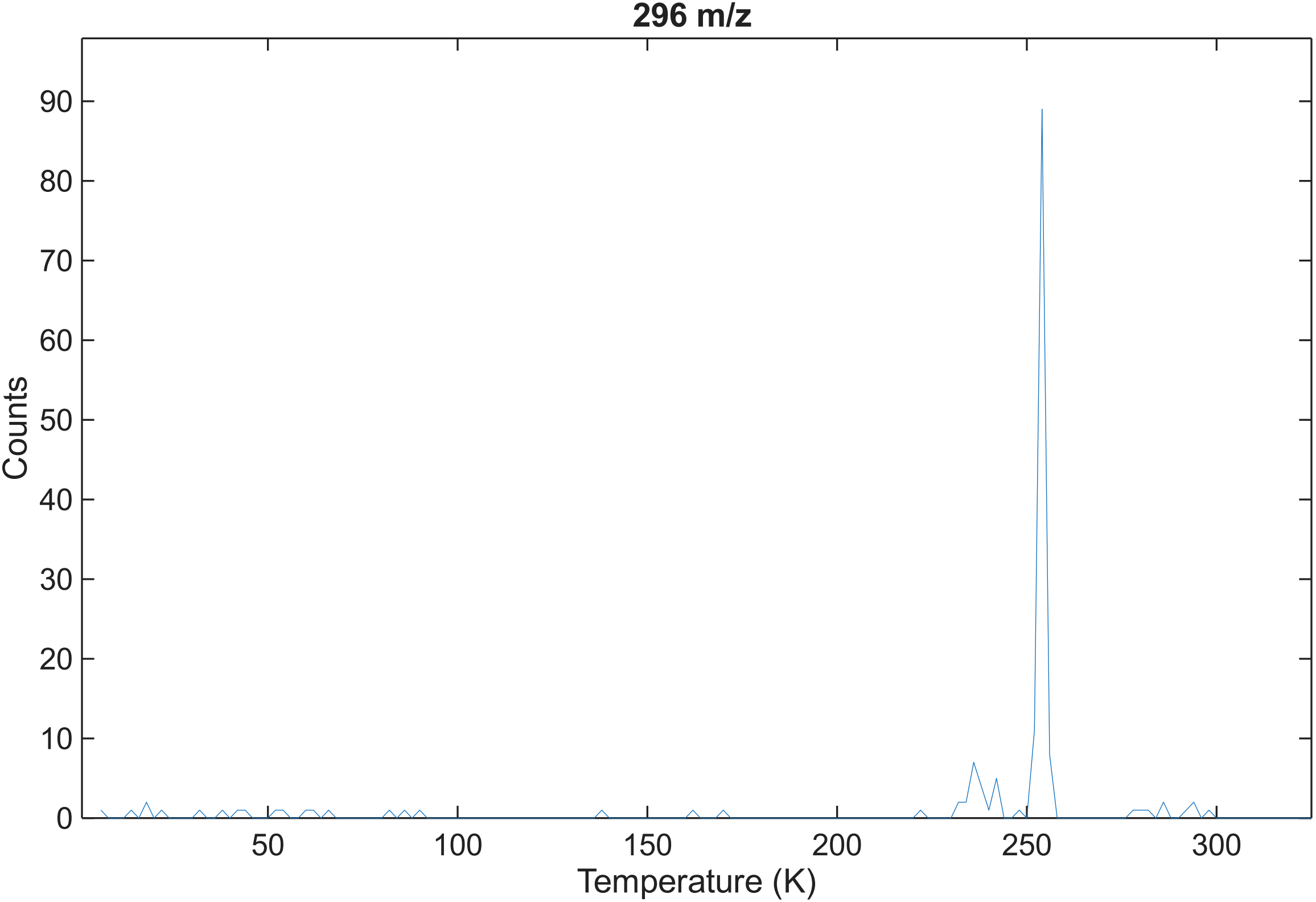
296 m/z
Counts
Temperature (K)
0
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20
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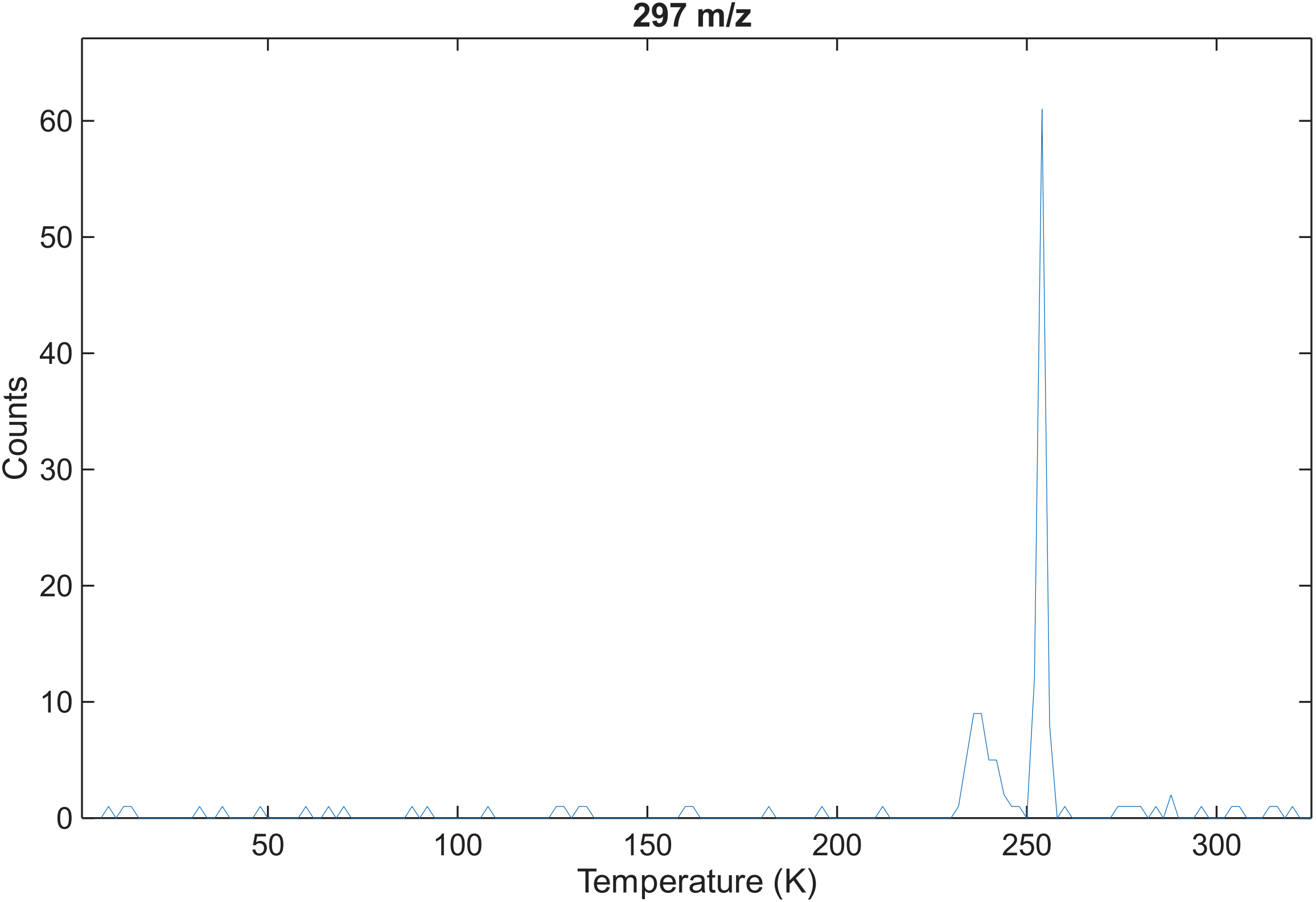
297 m/z
Counts
Temperature (K)
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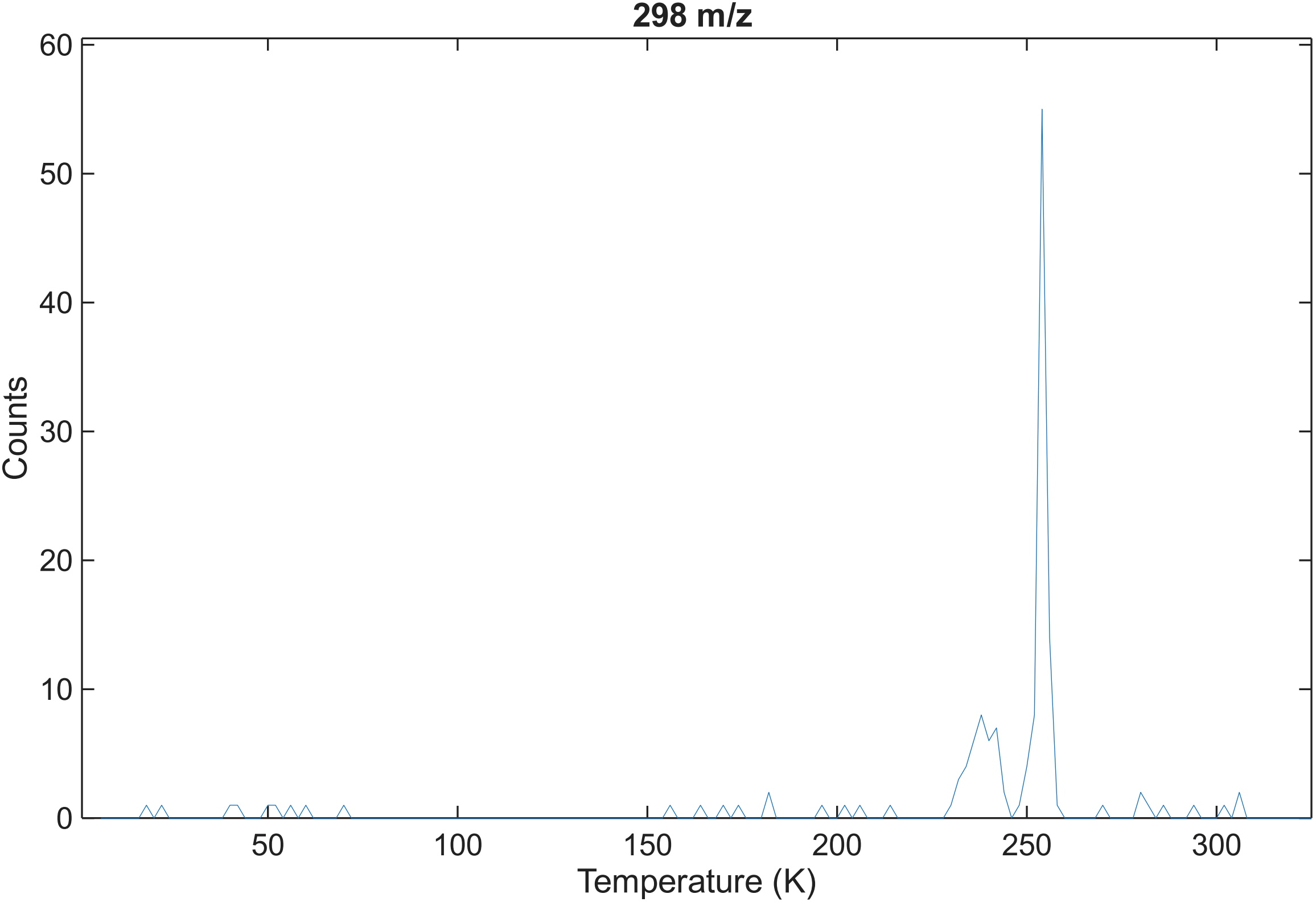
298 m/z
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Counts
50
100
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200
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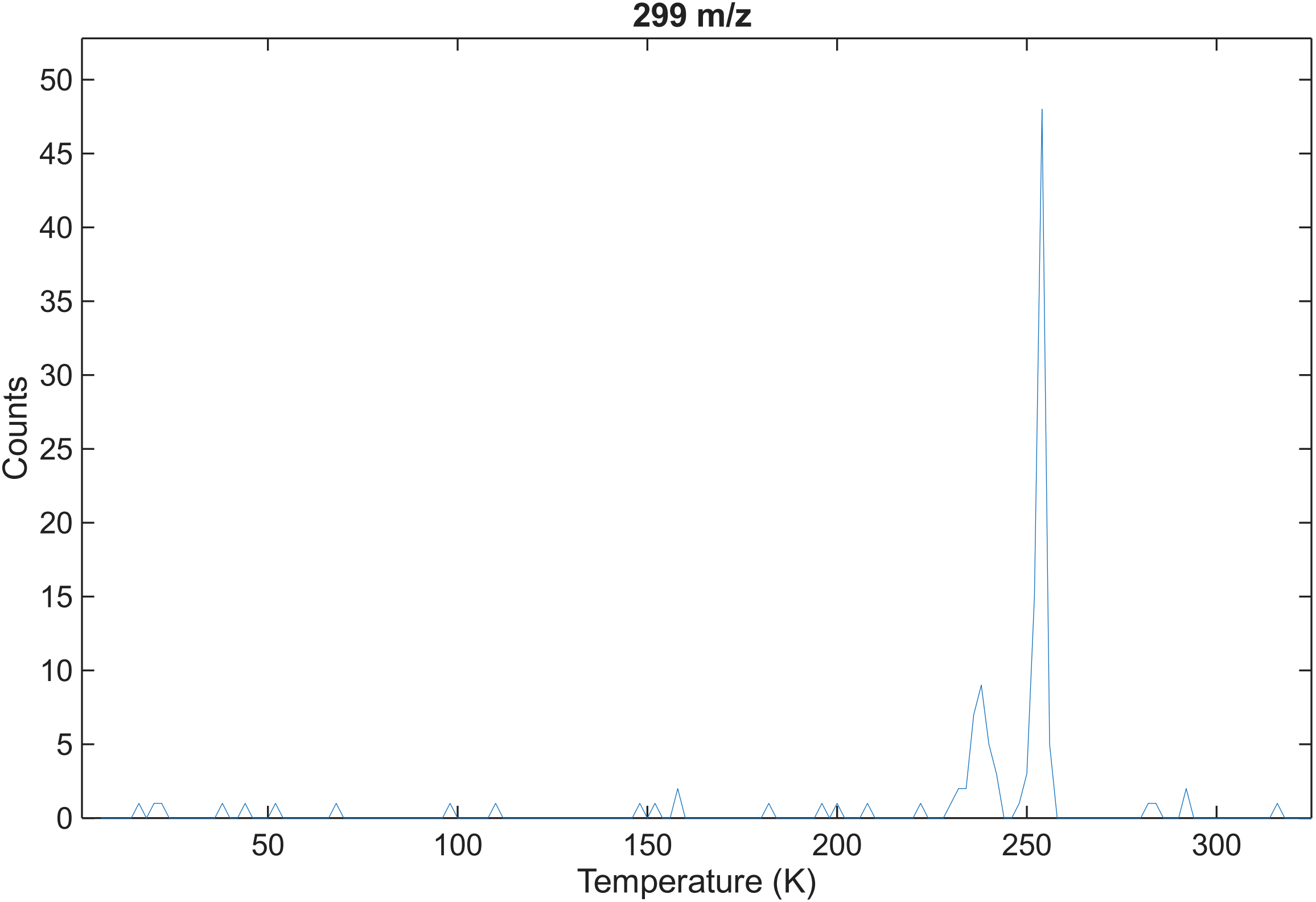
300
Temperature (K)


299 m/z
Counts
Temperature (K)
0
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10
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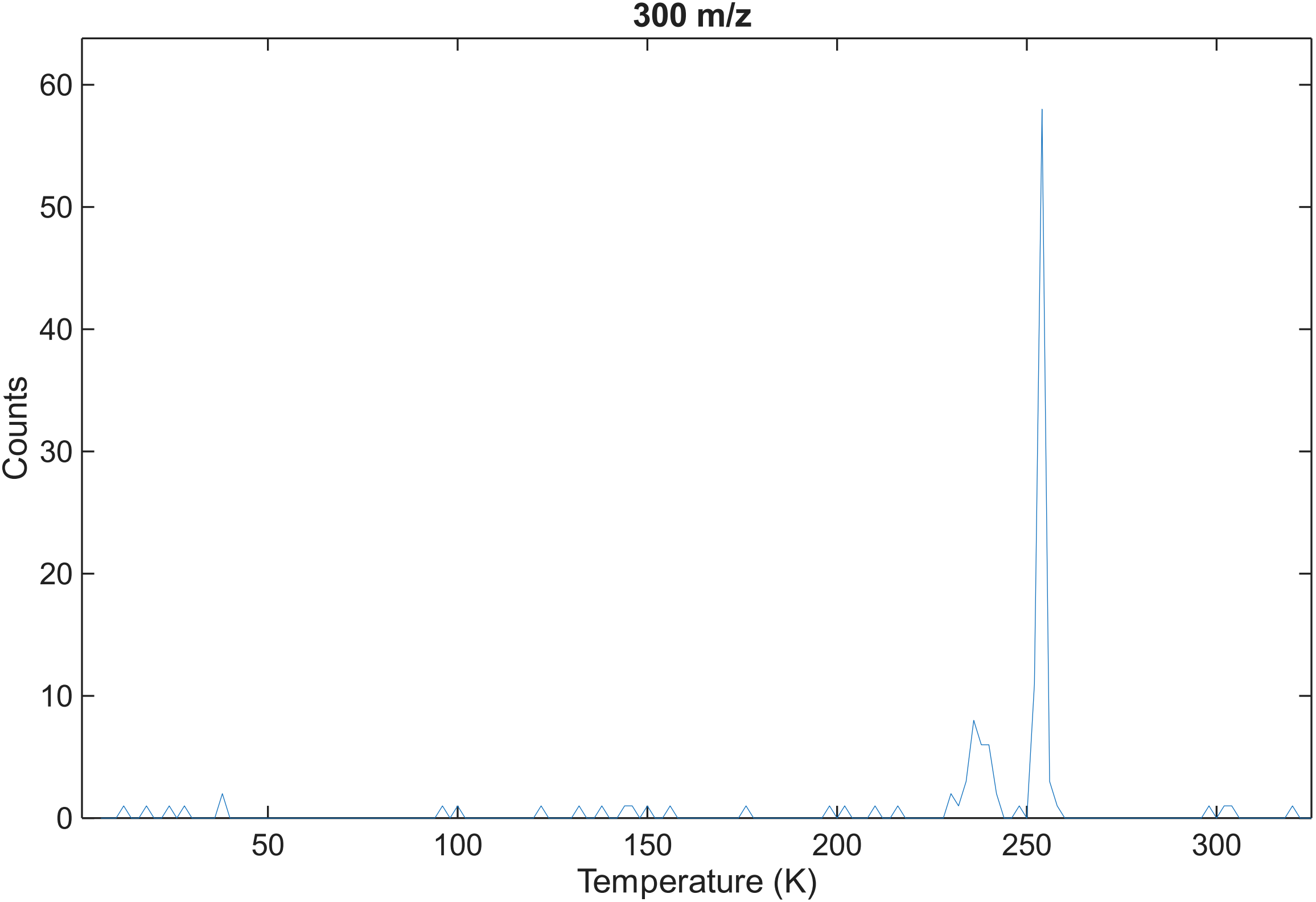
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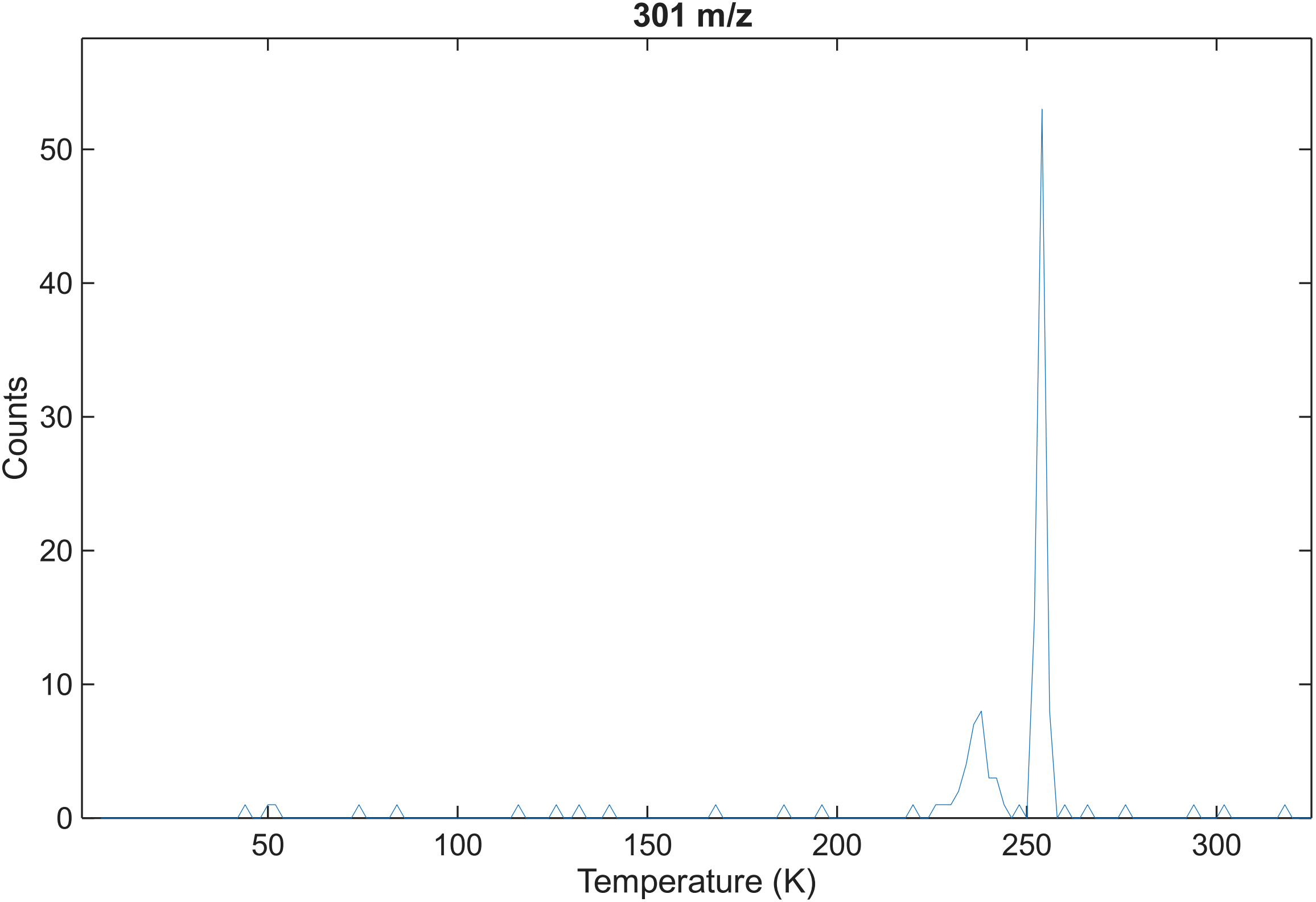
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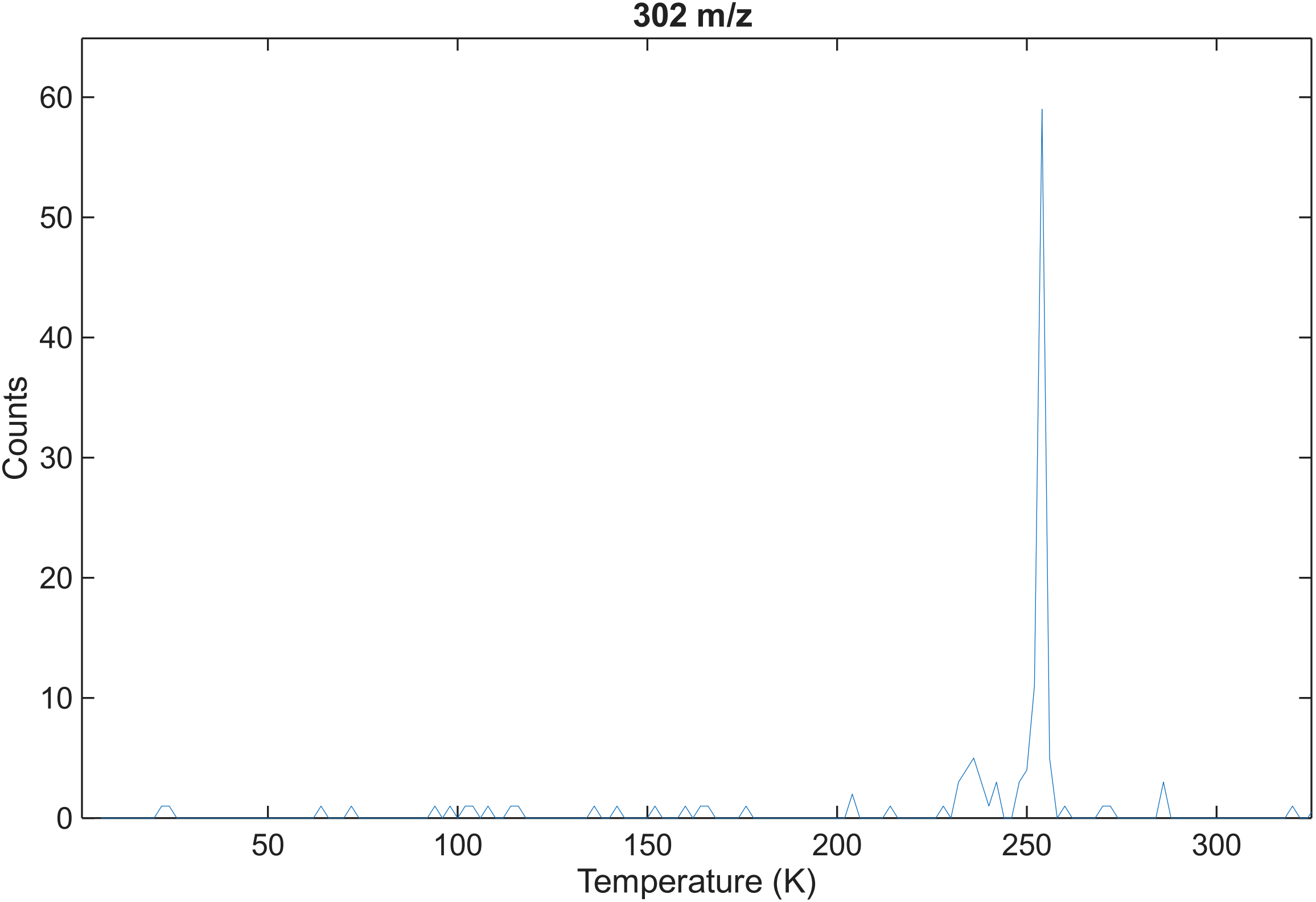
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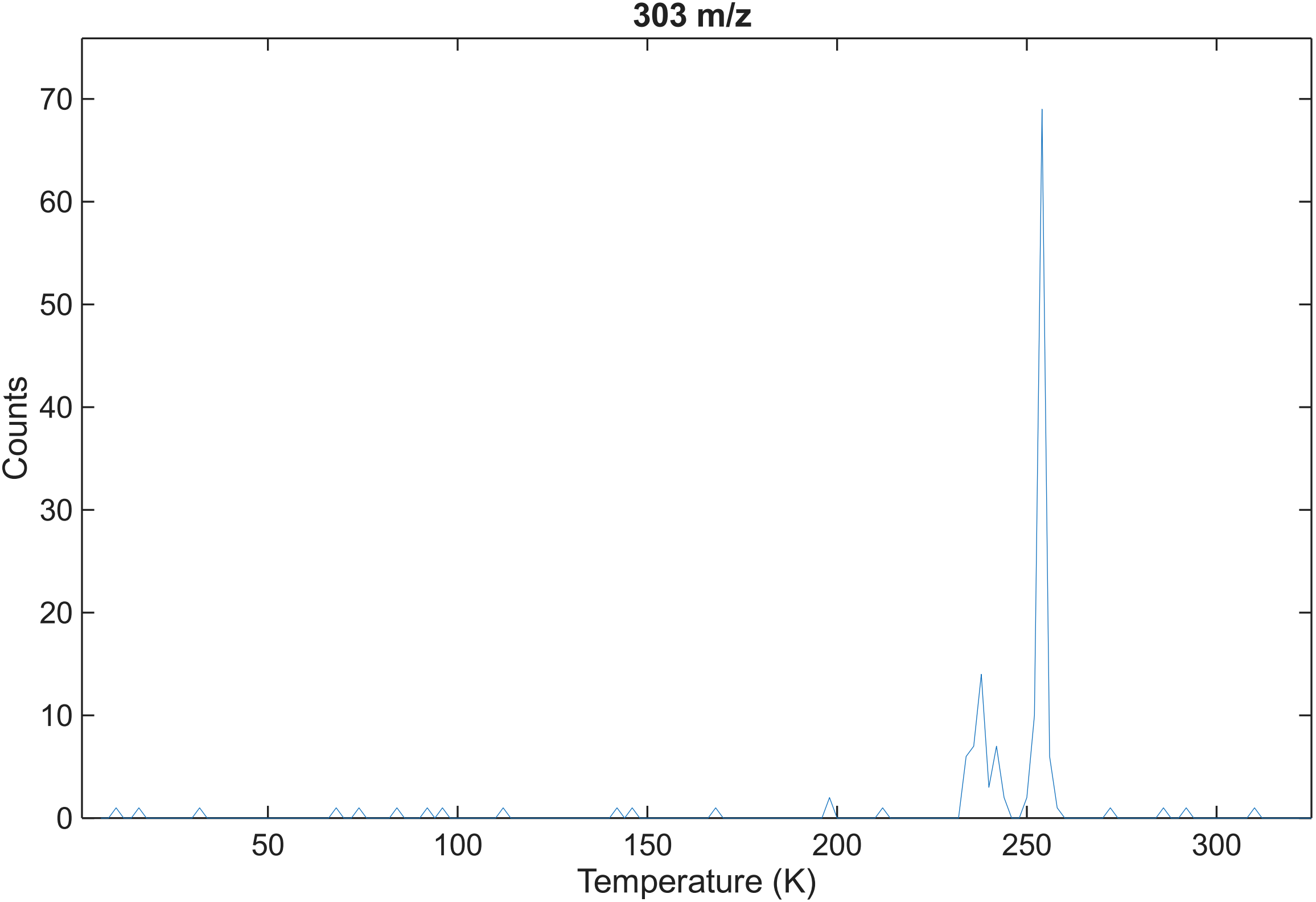
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Temperature (K)
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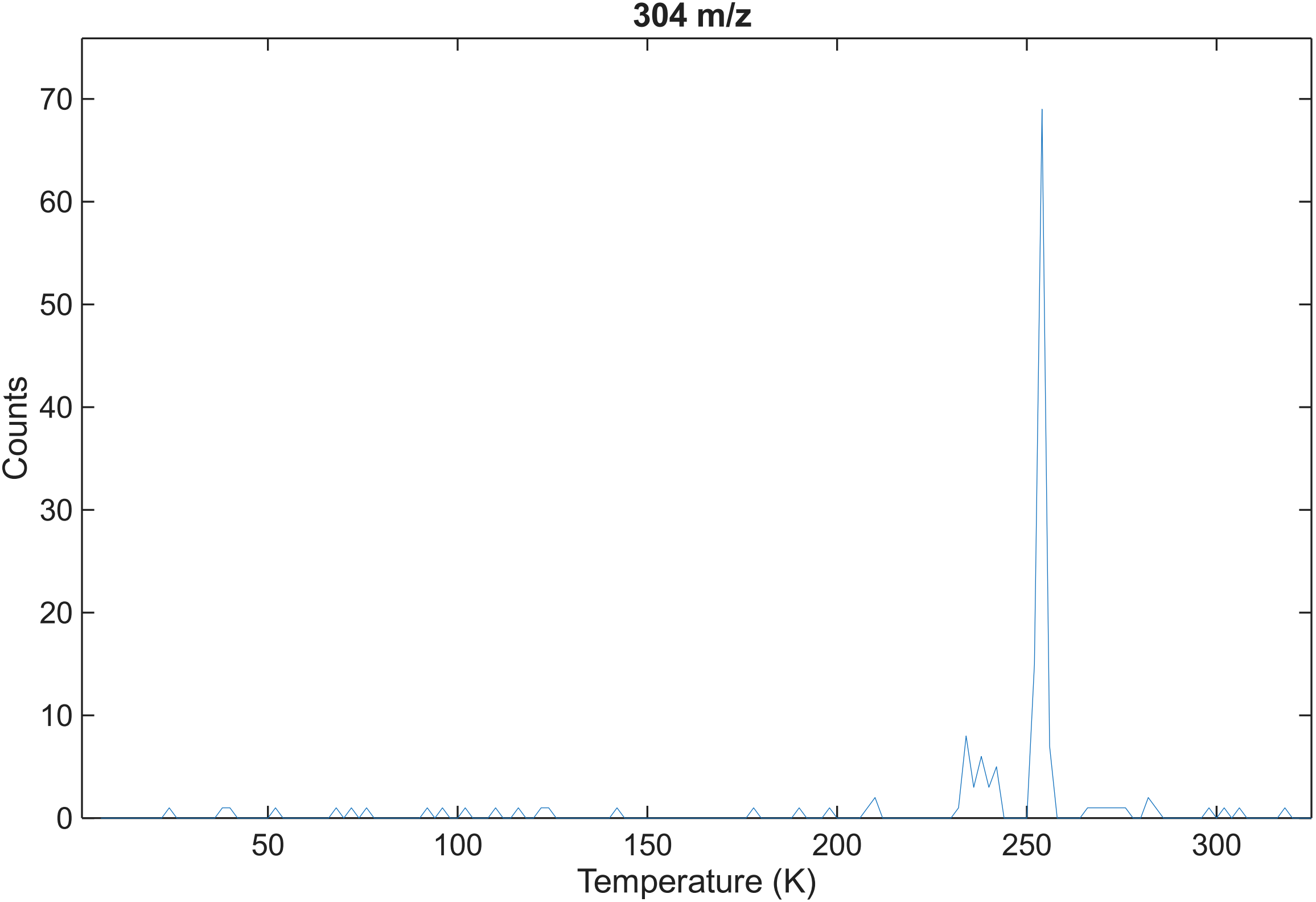
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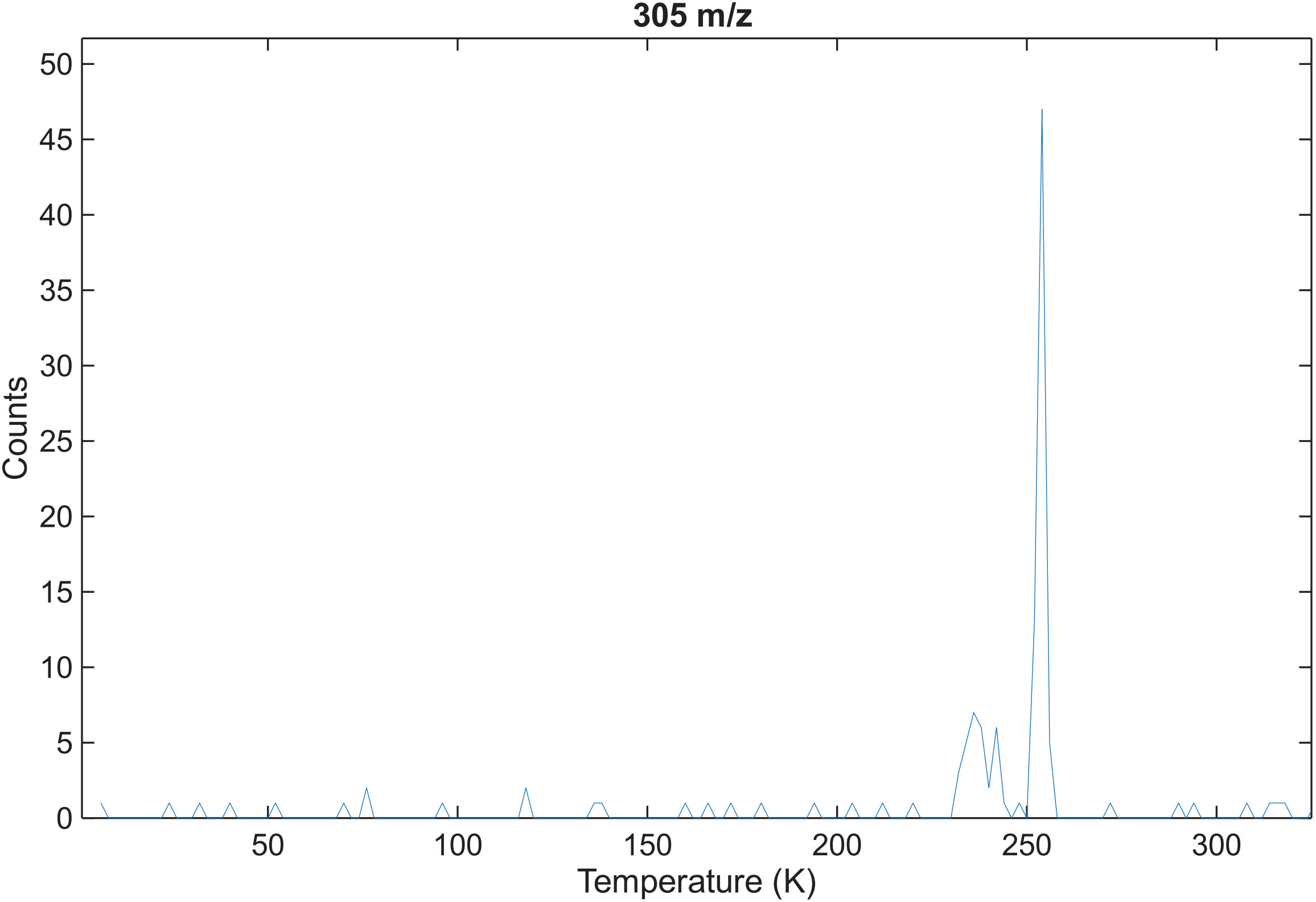
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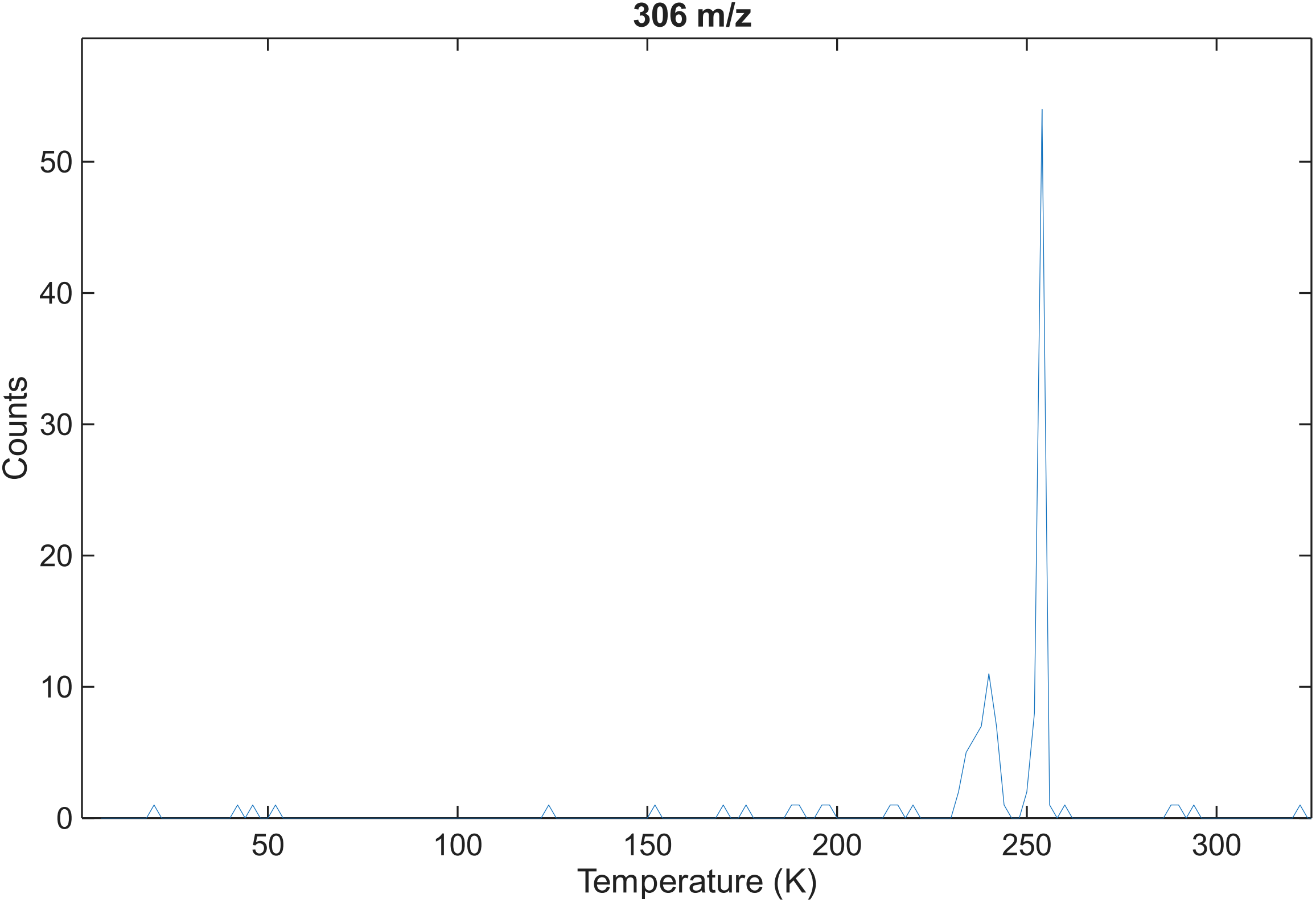
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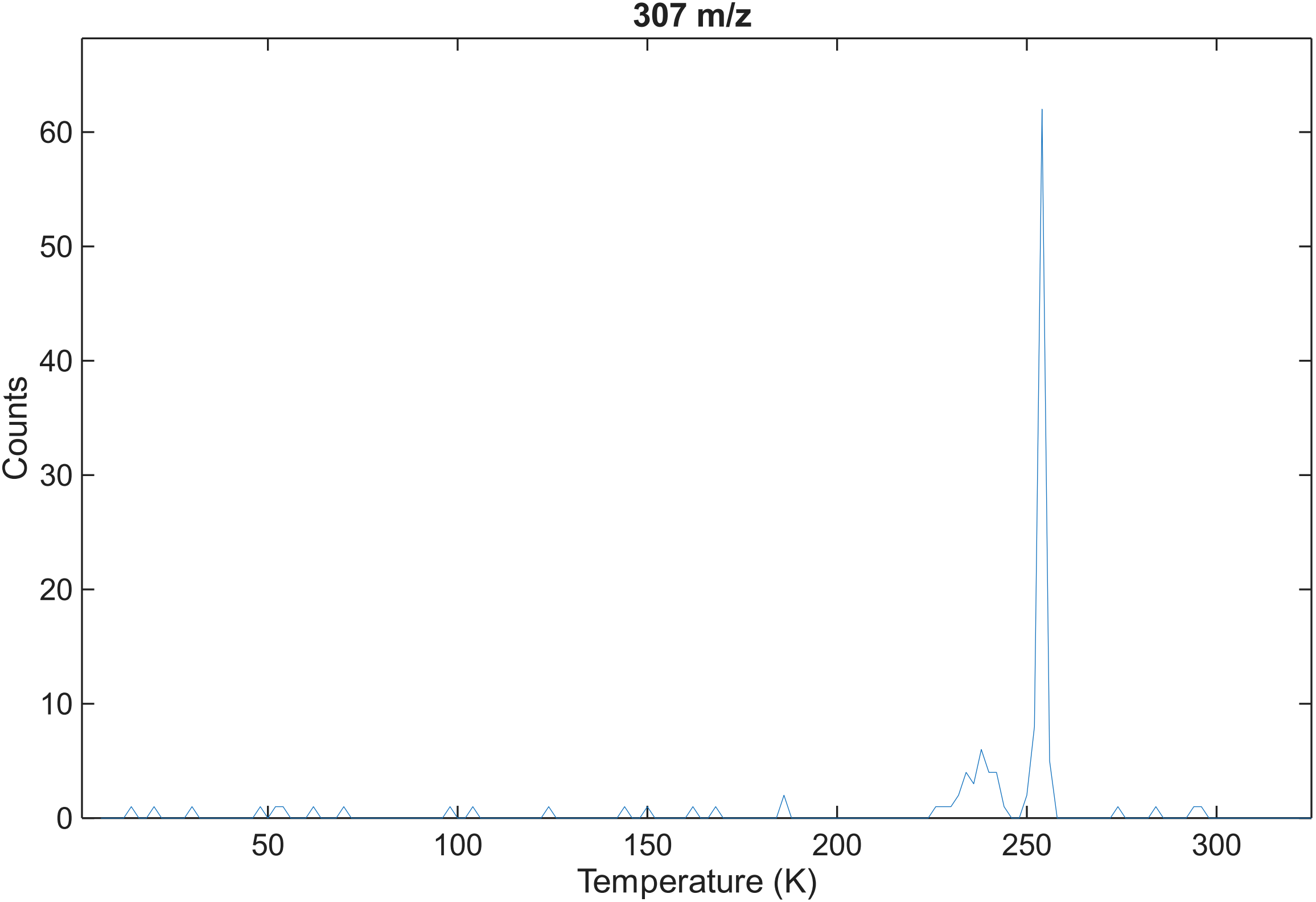
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Temperature (K)
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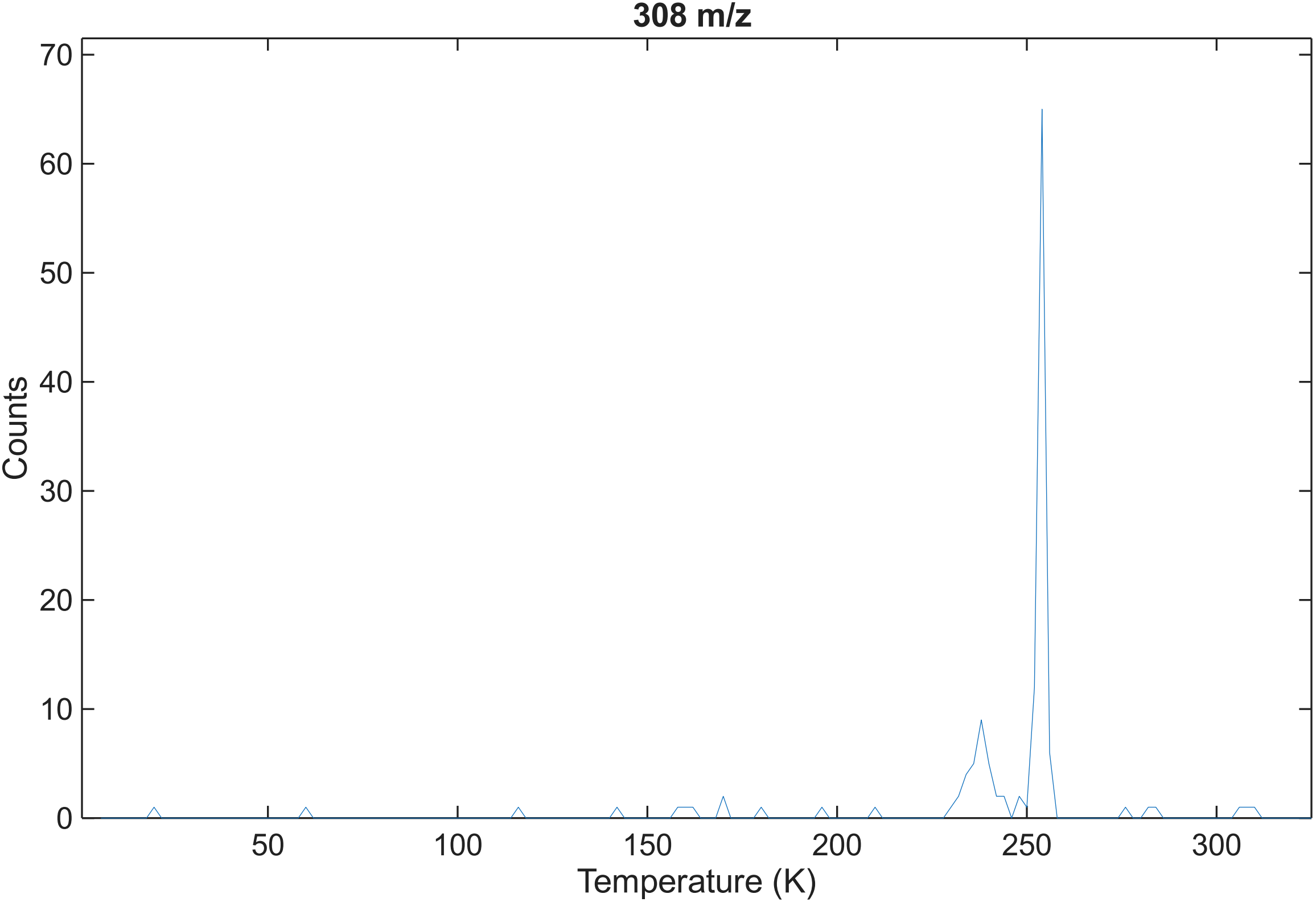
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Counts
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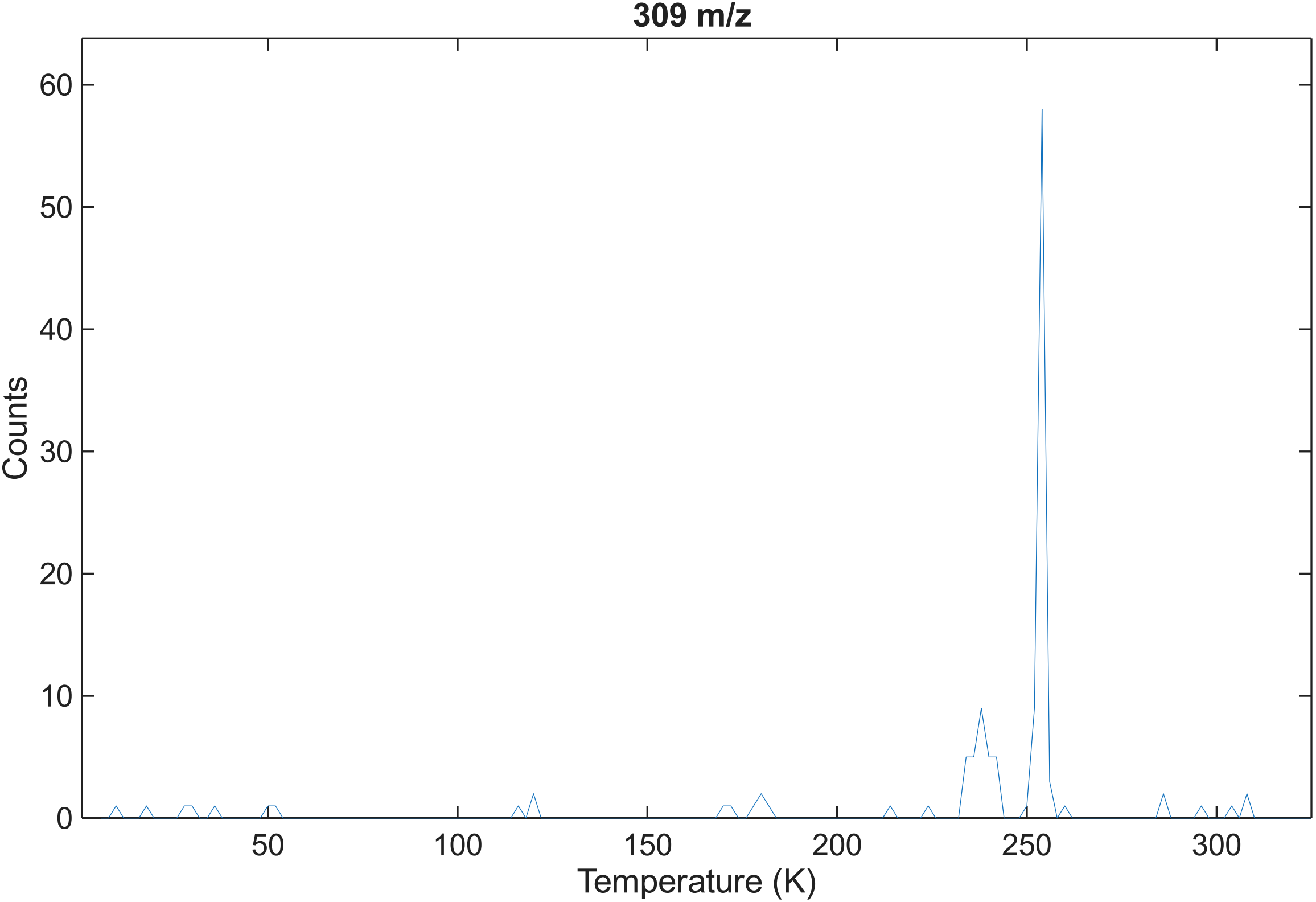
Temperature (K)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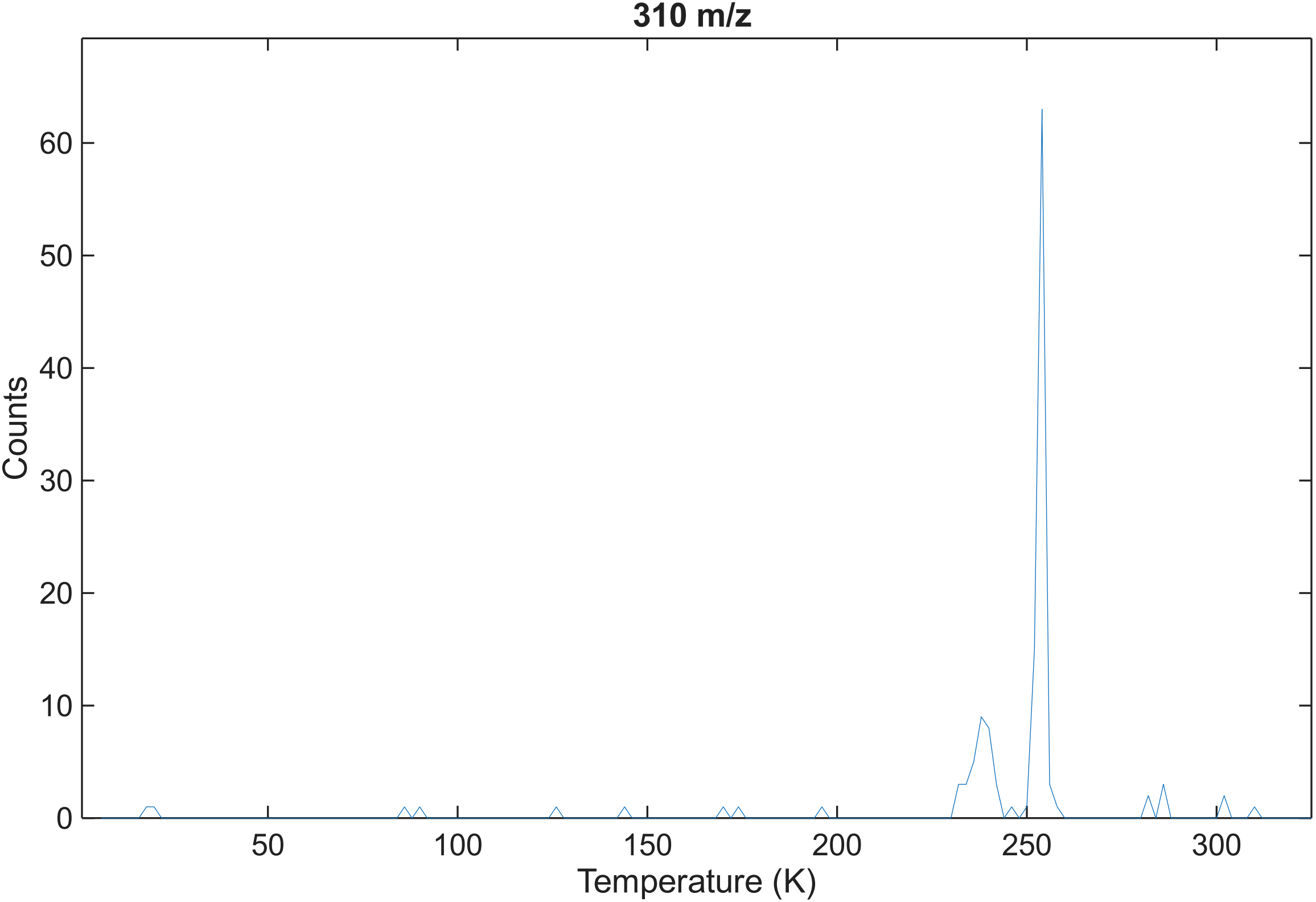
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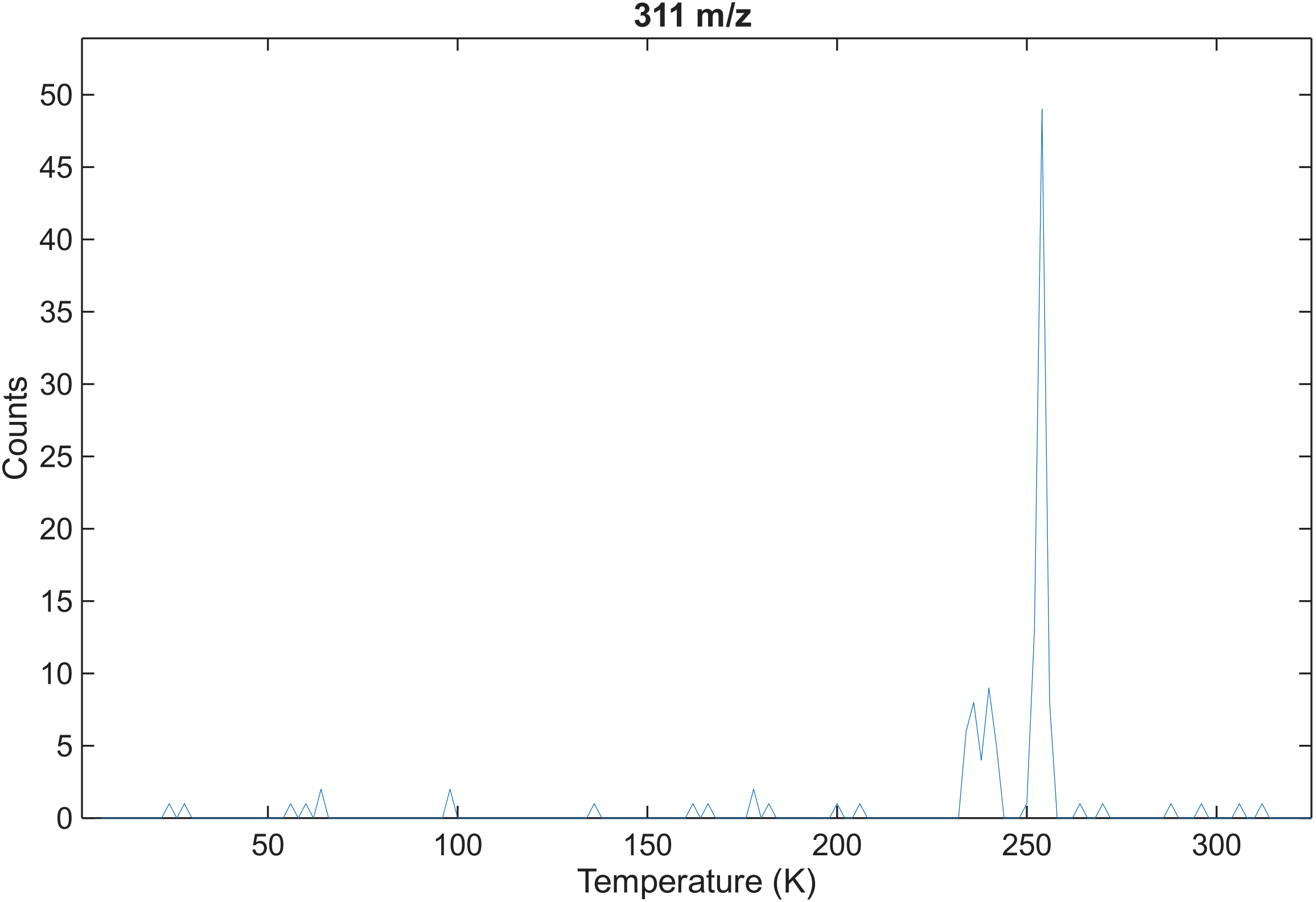
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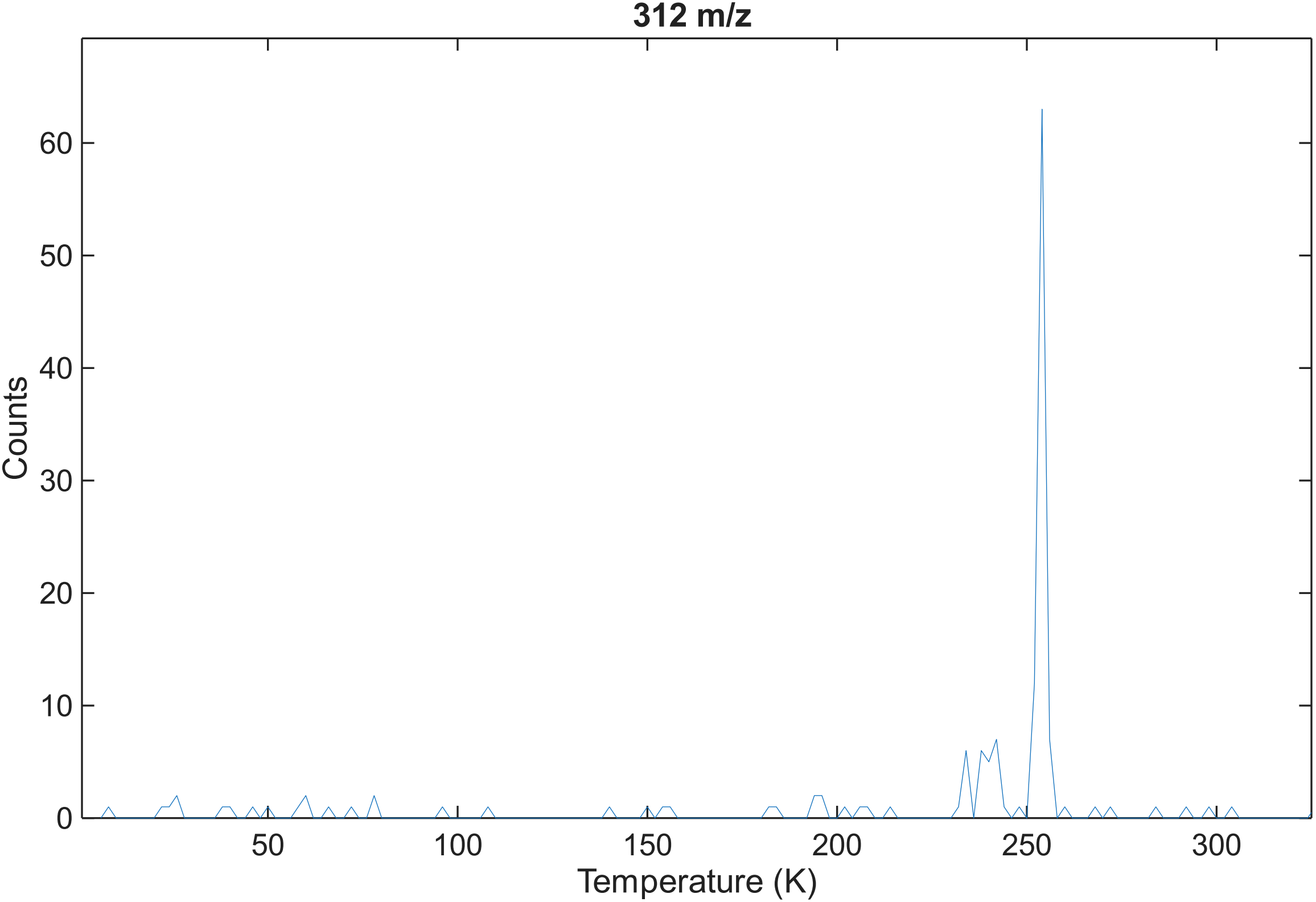
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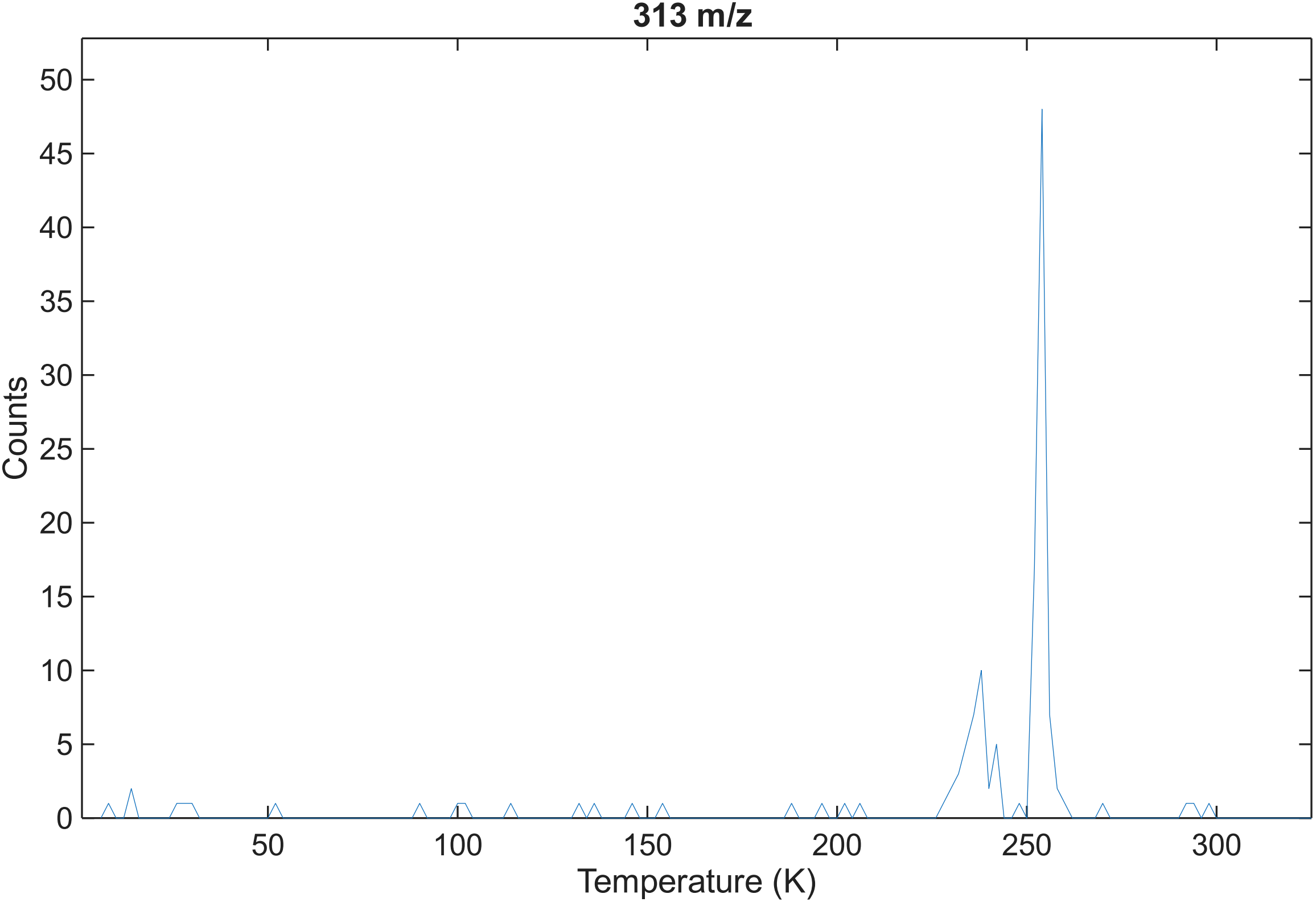
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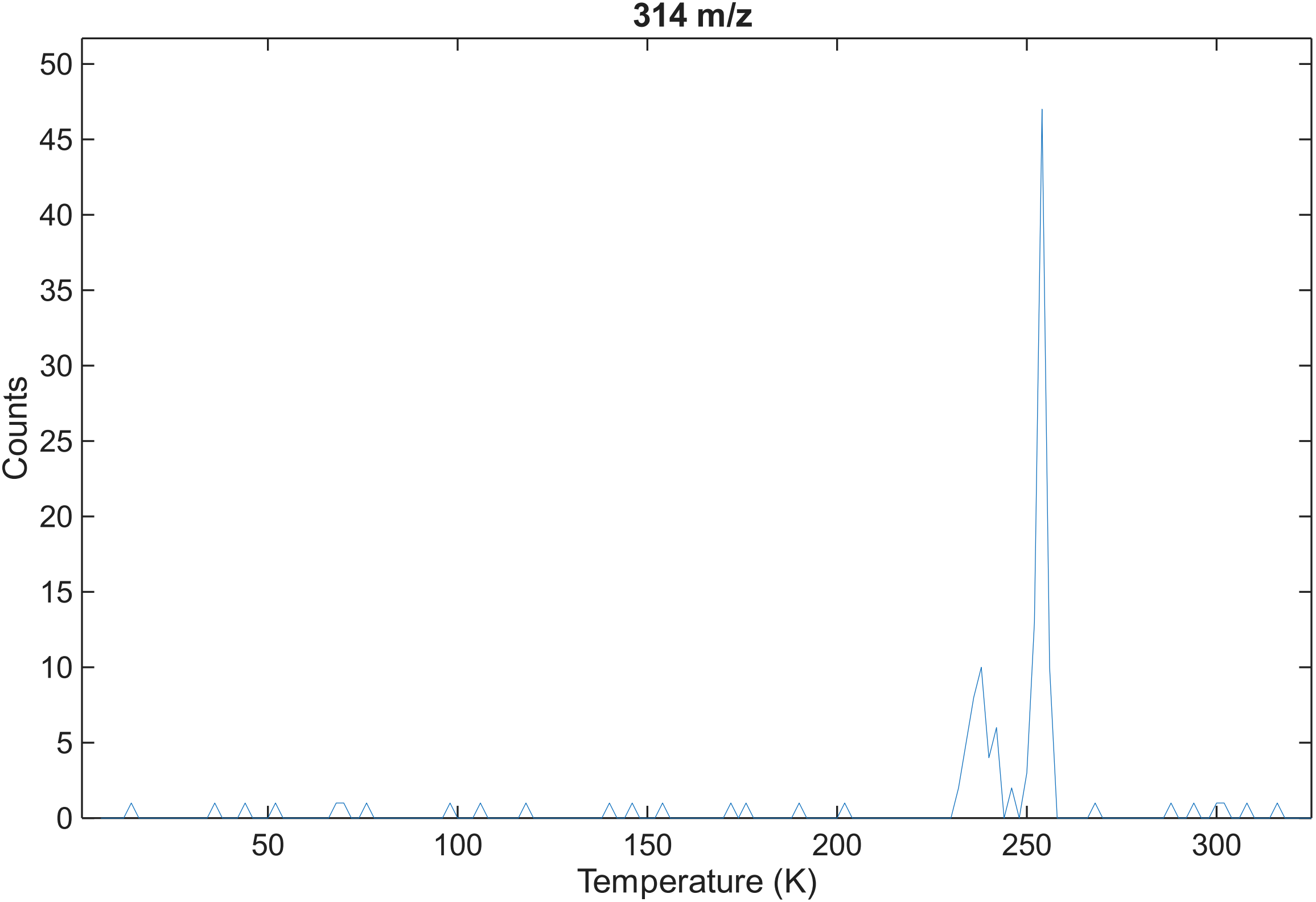
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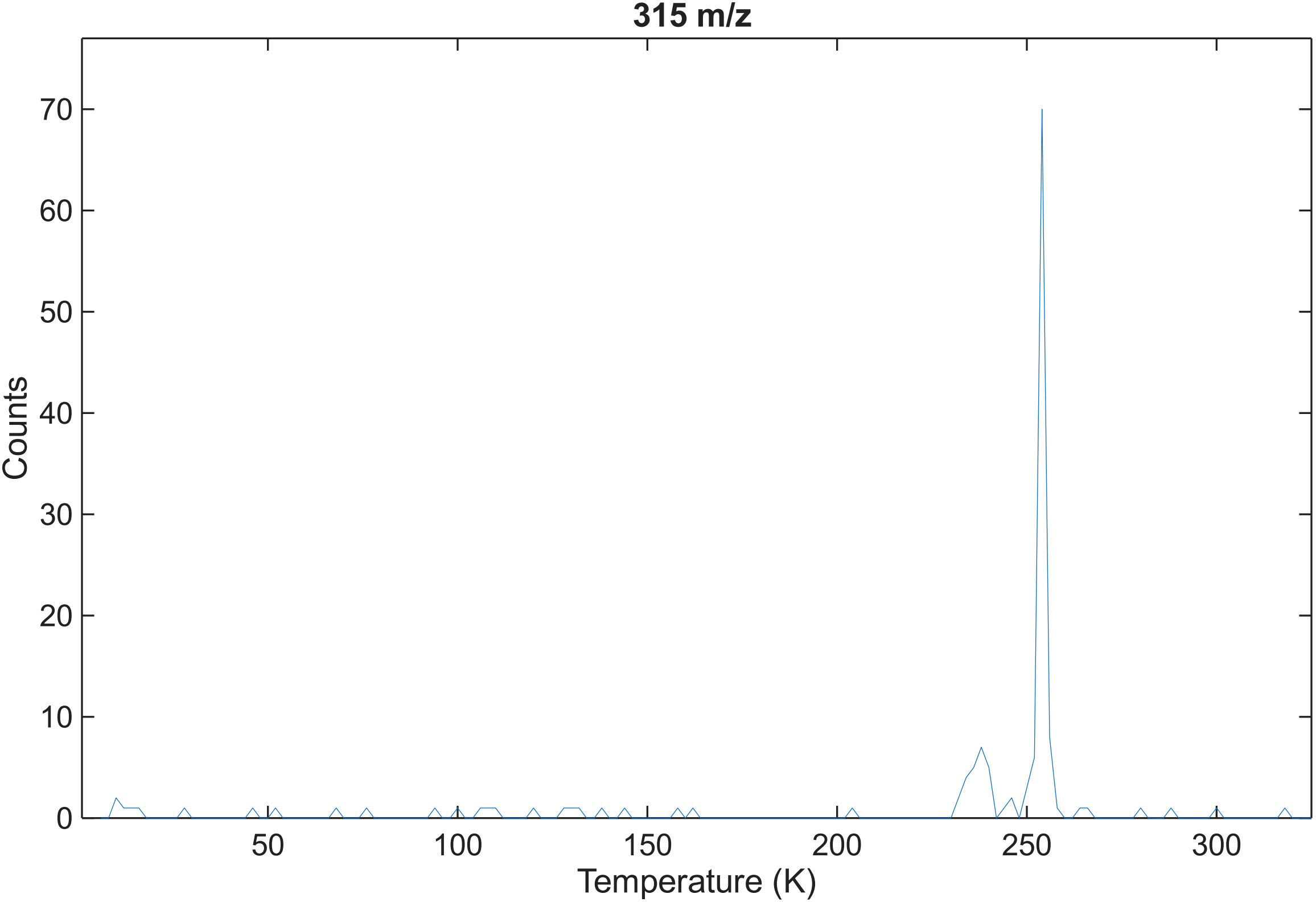
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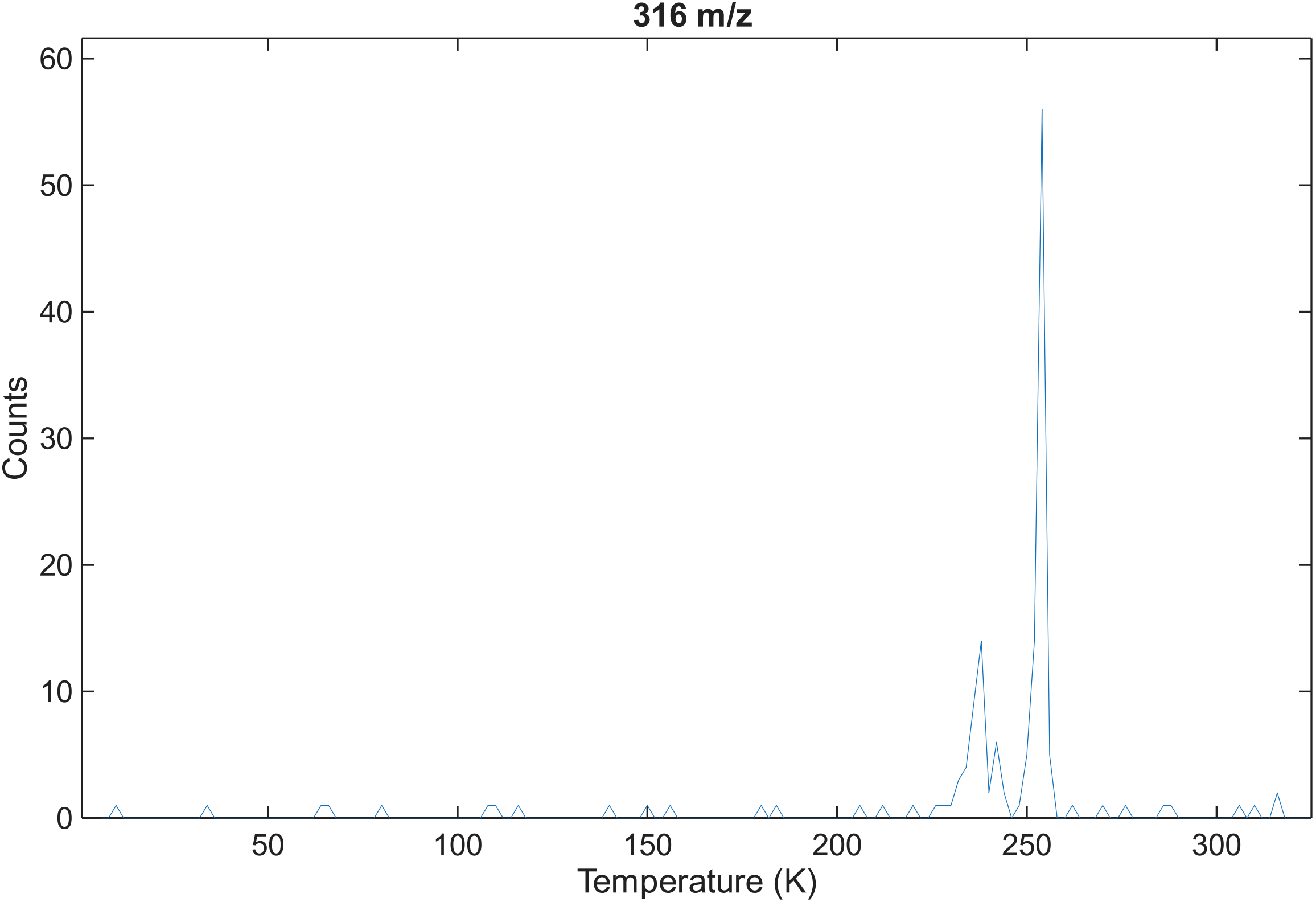
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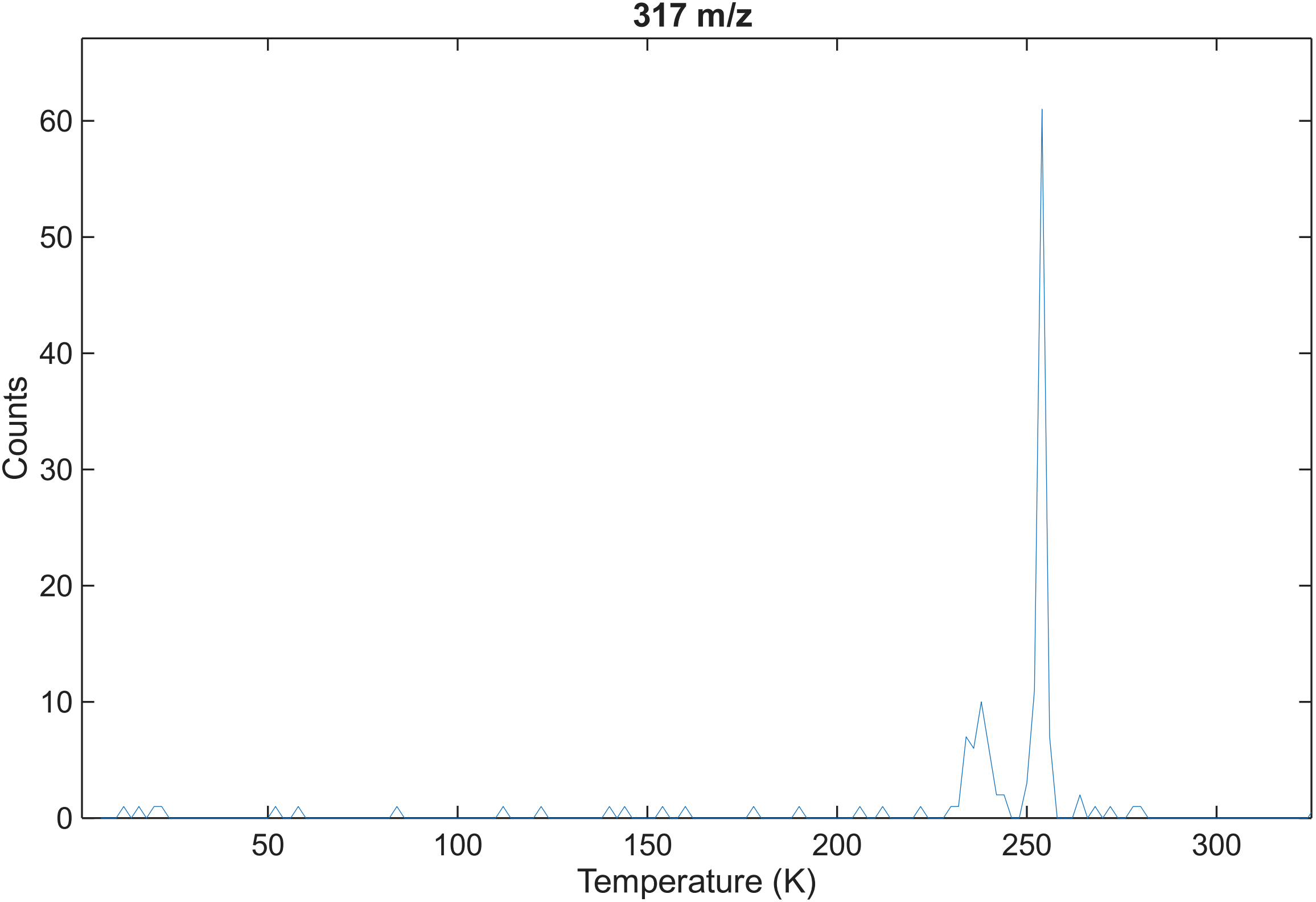
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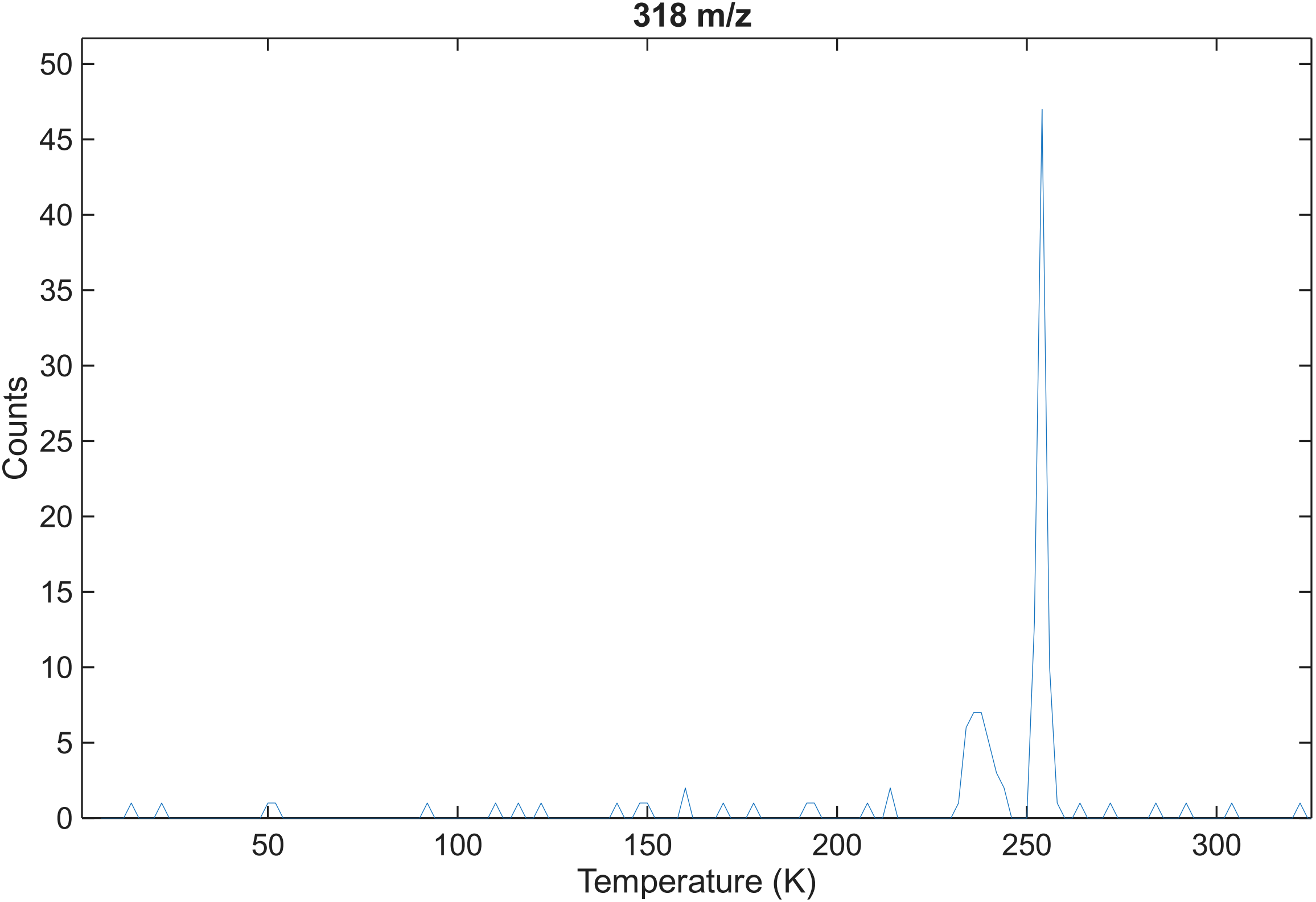
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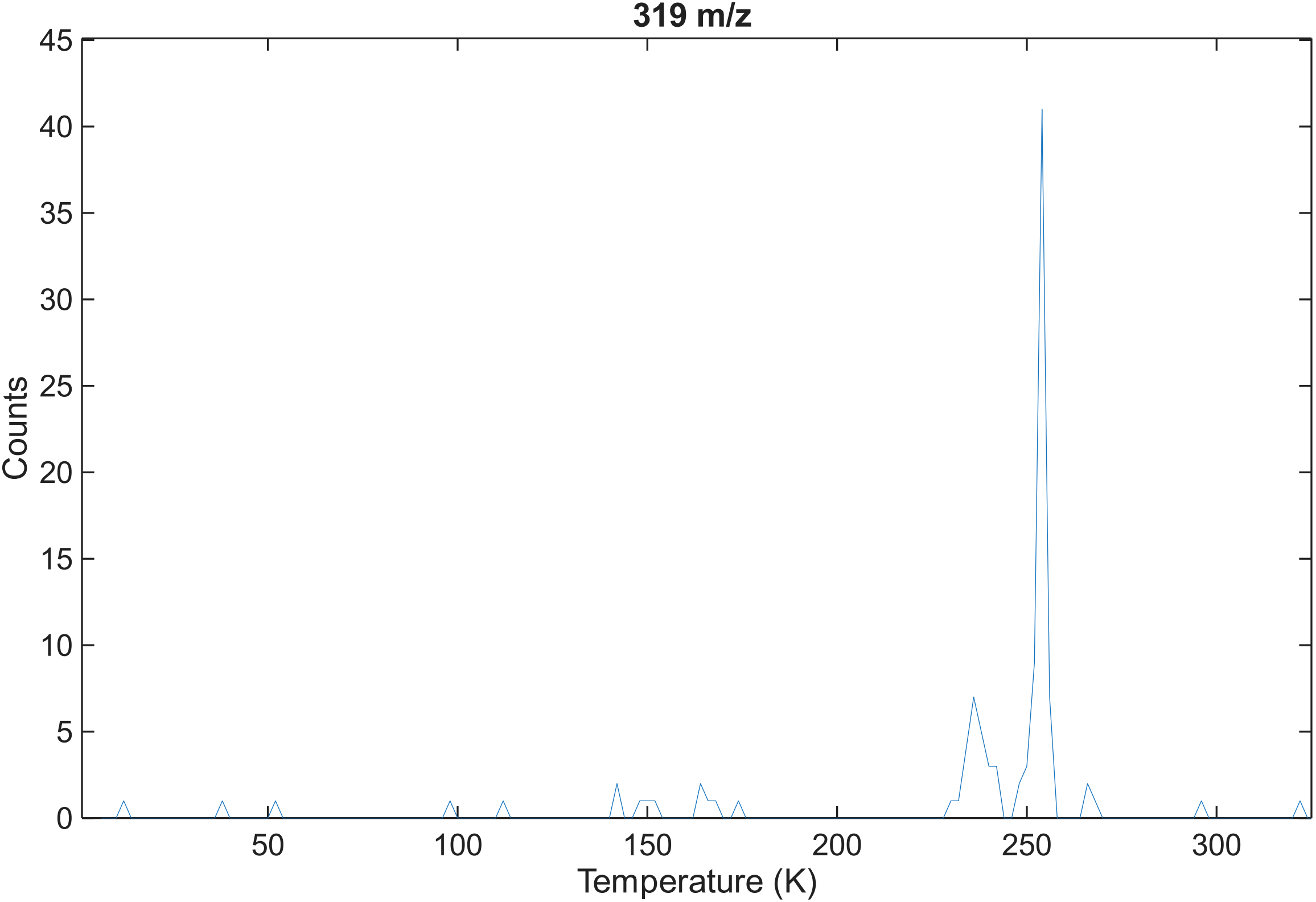
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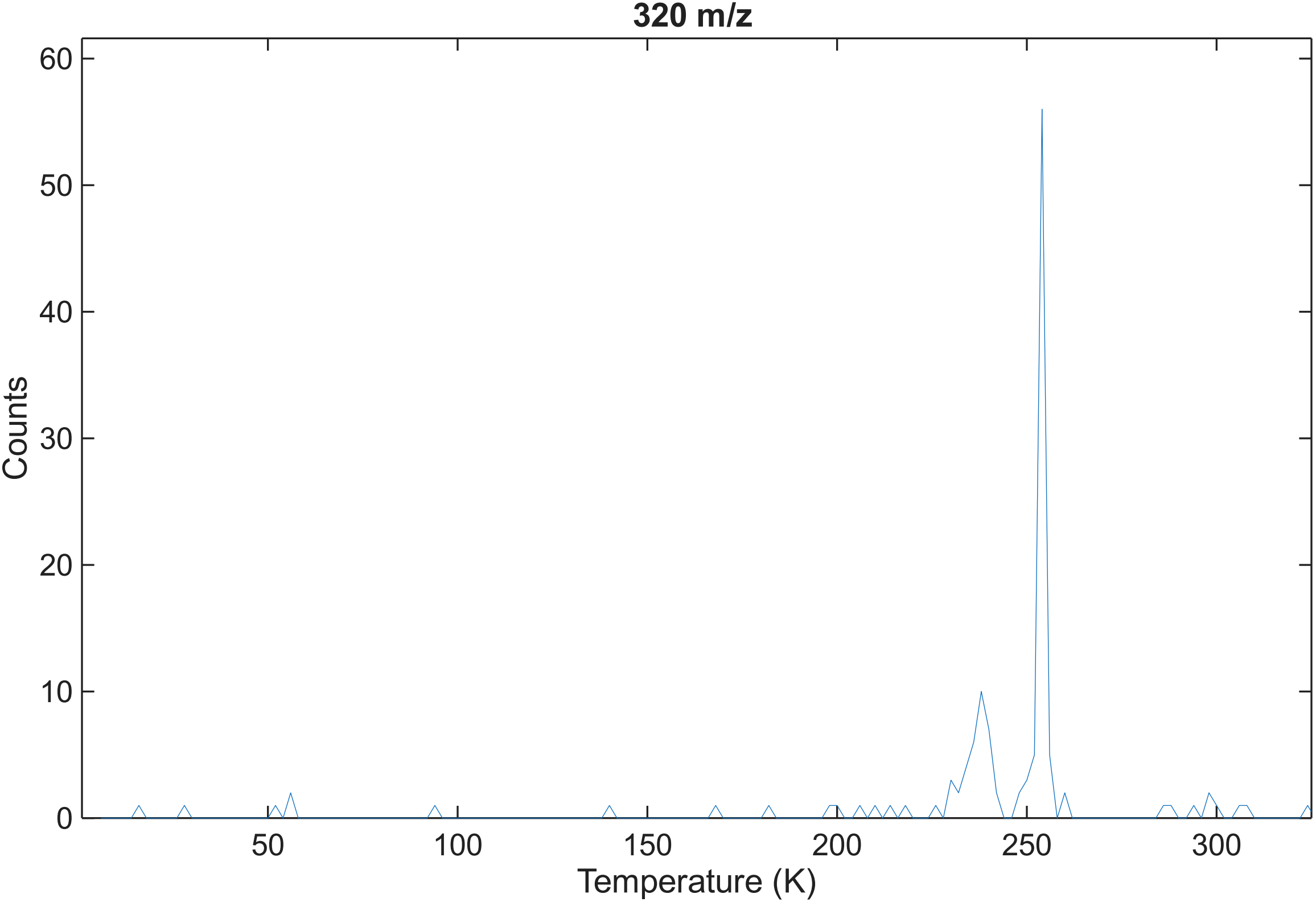
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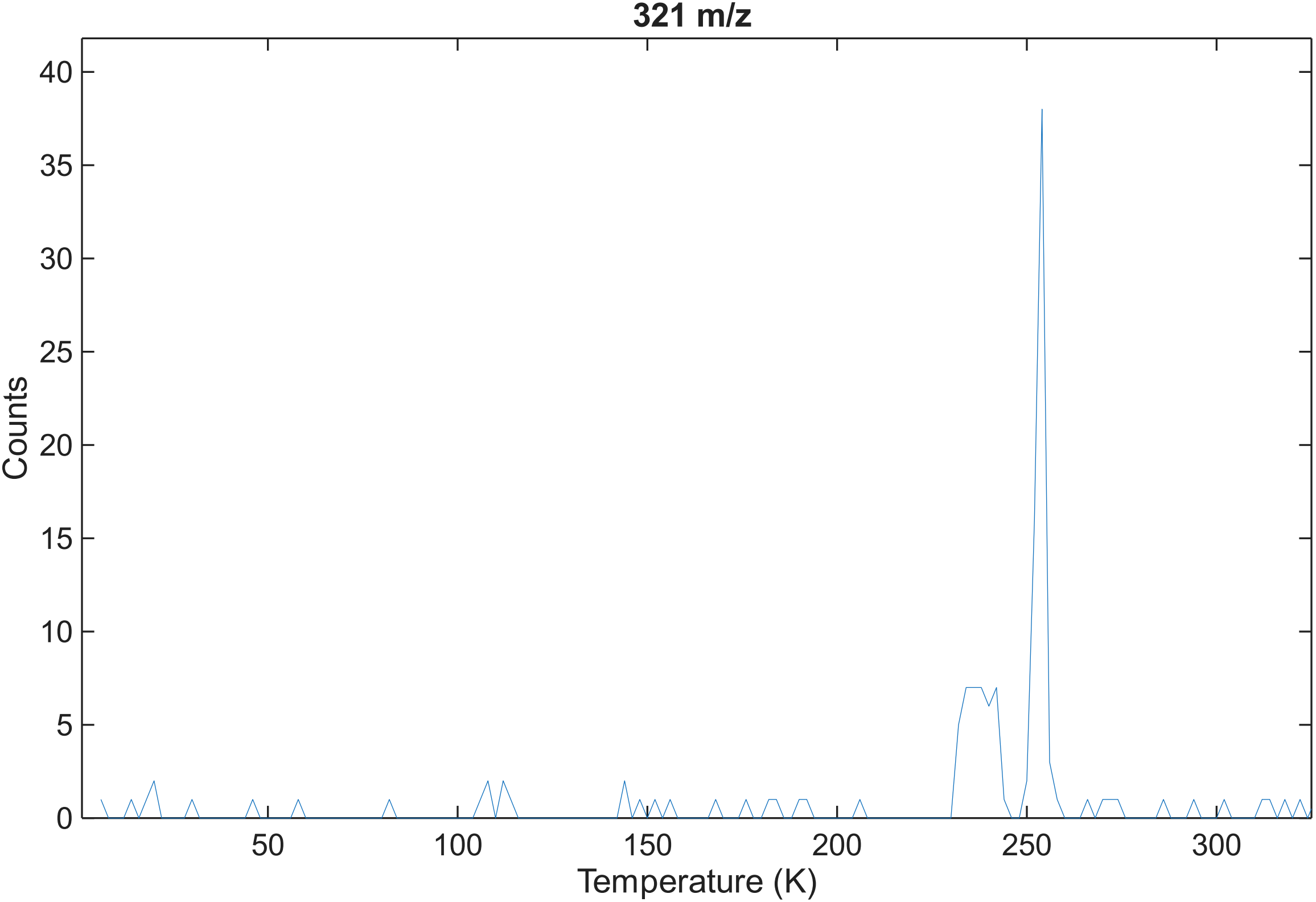
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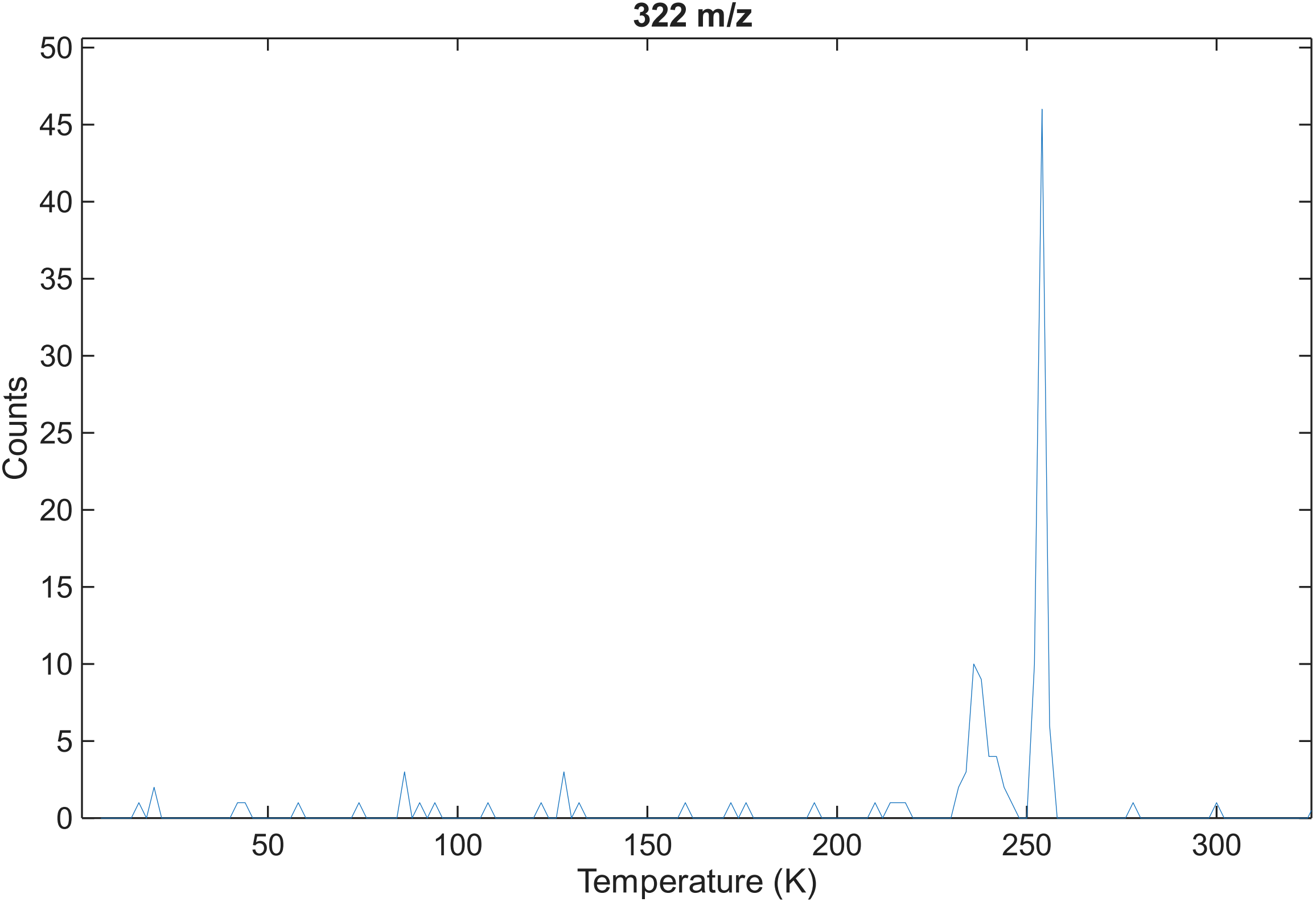
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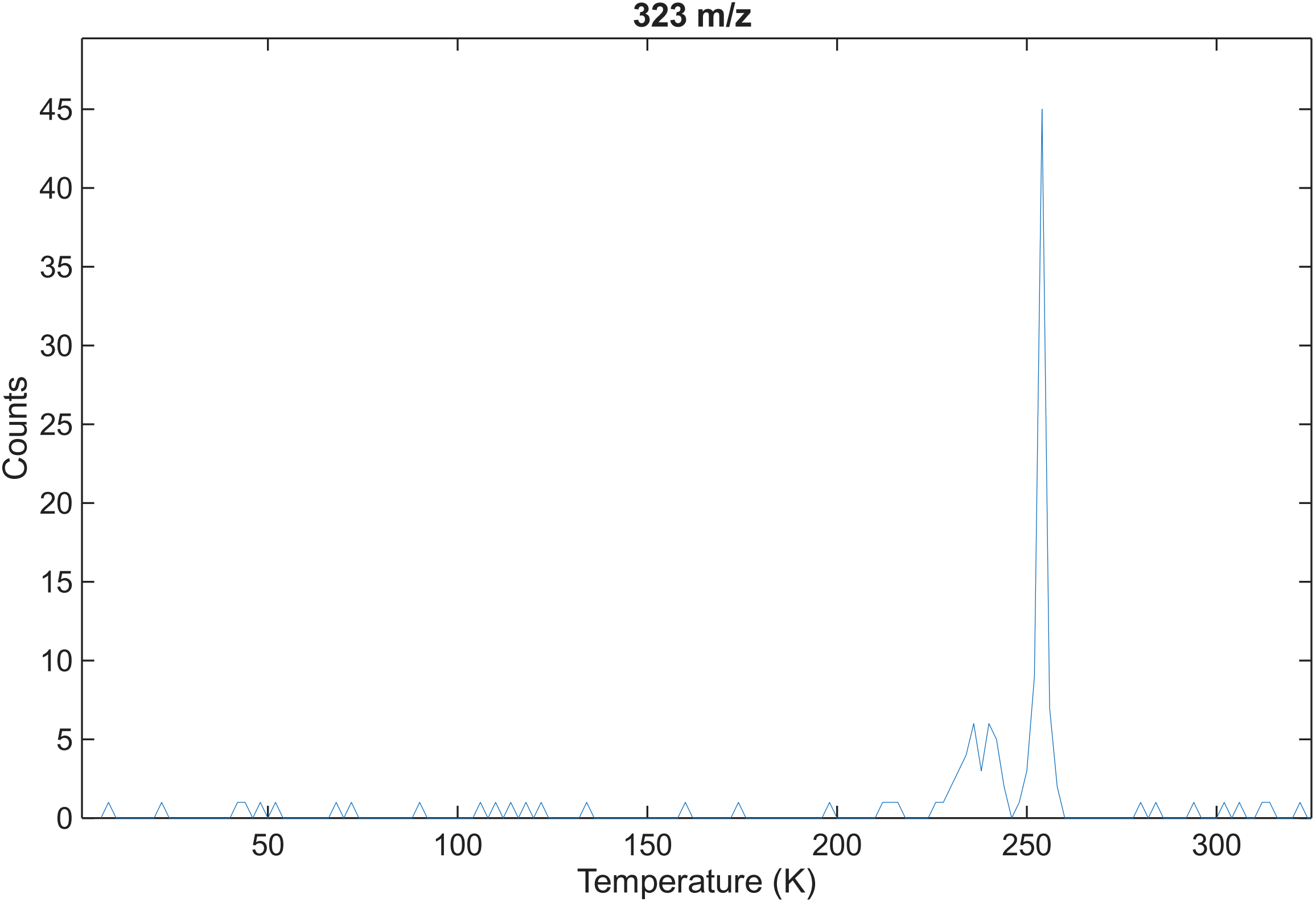
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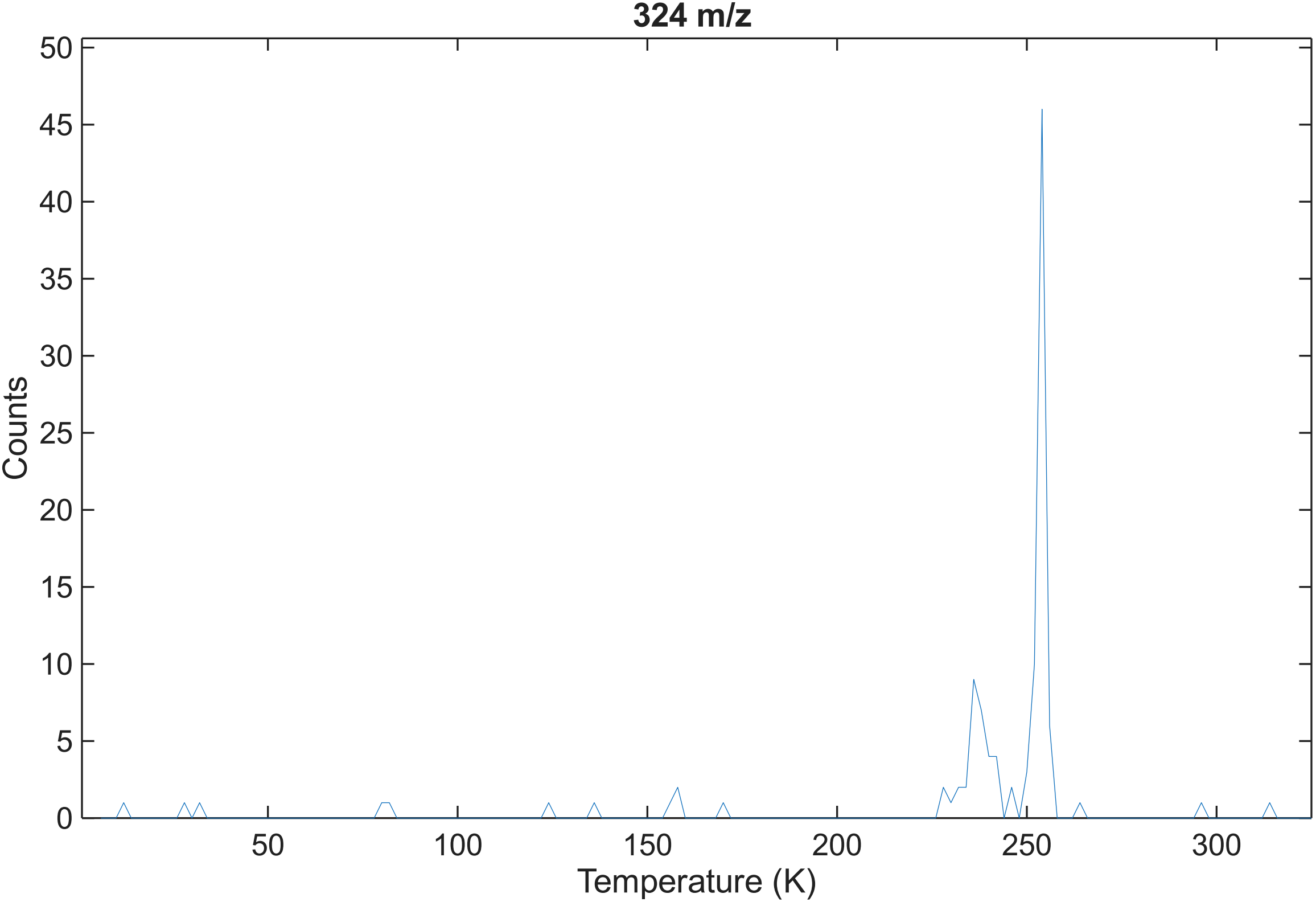
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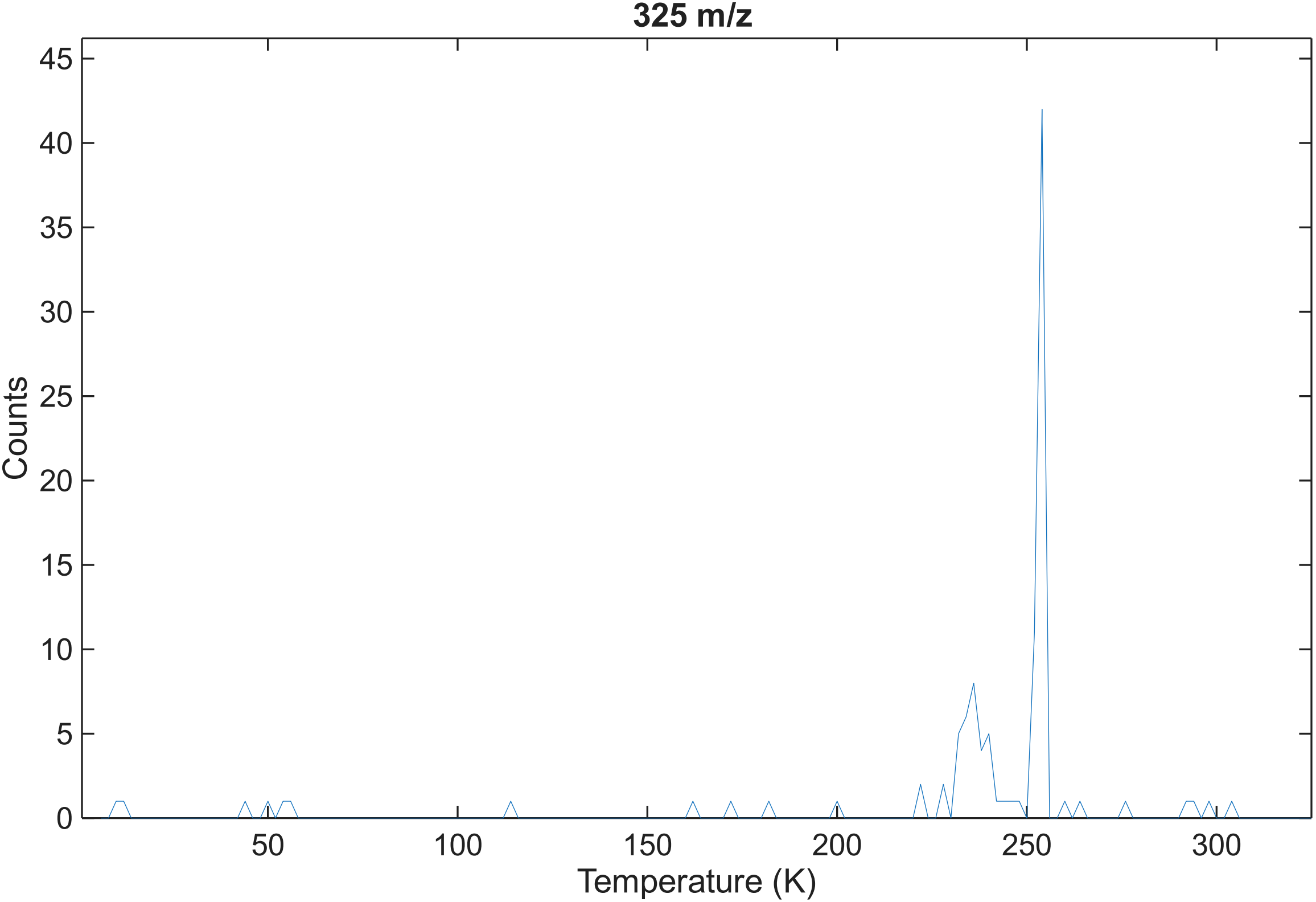
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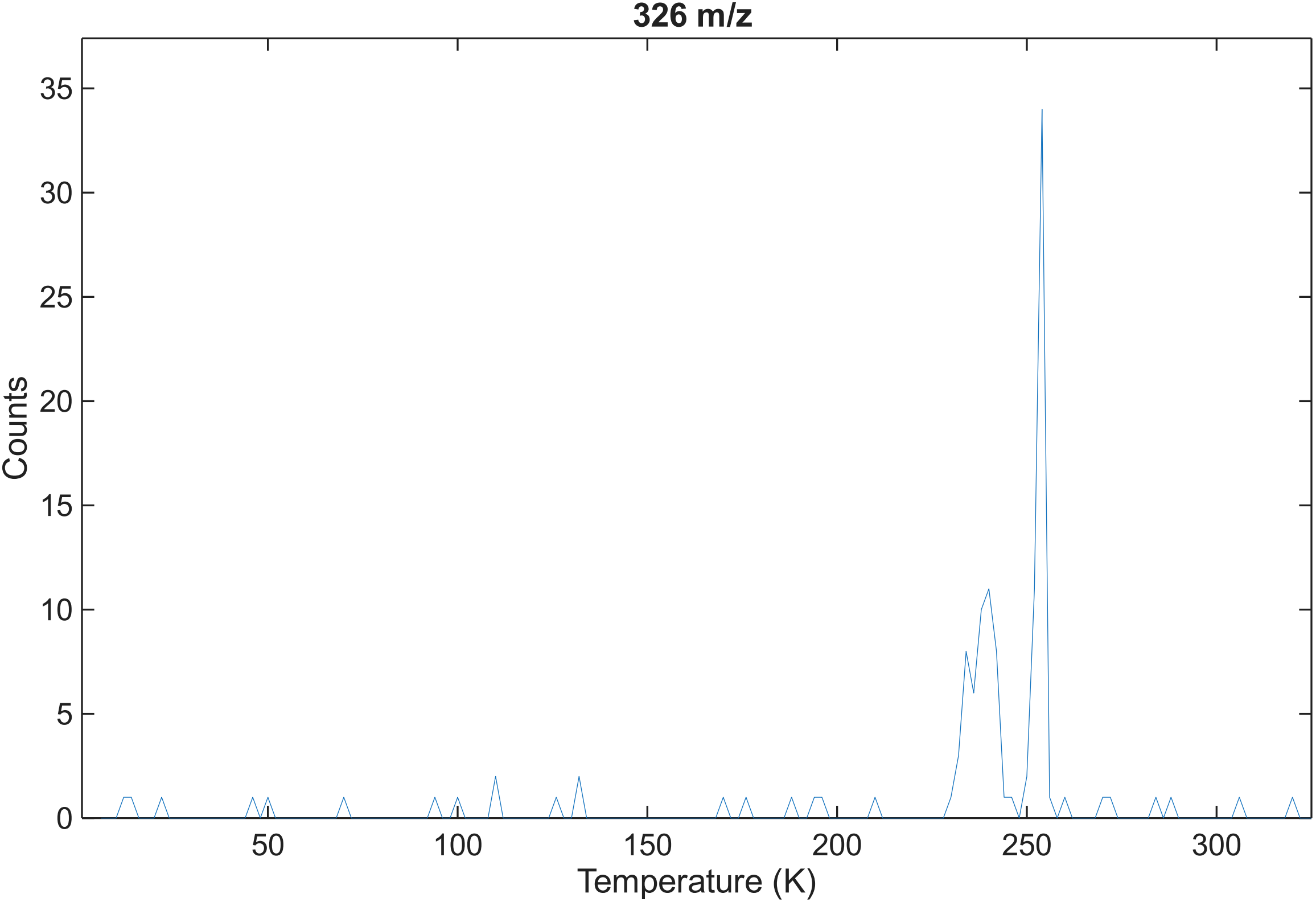
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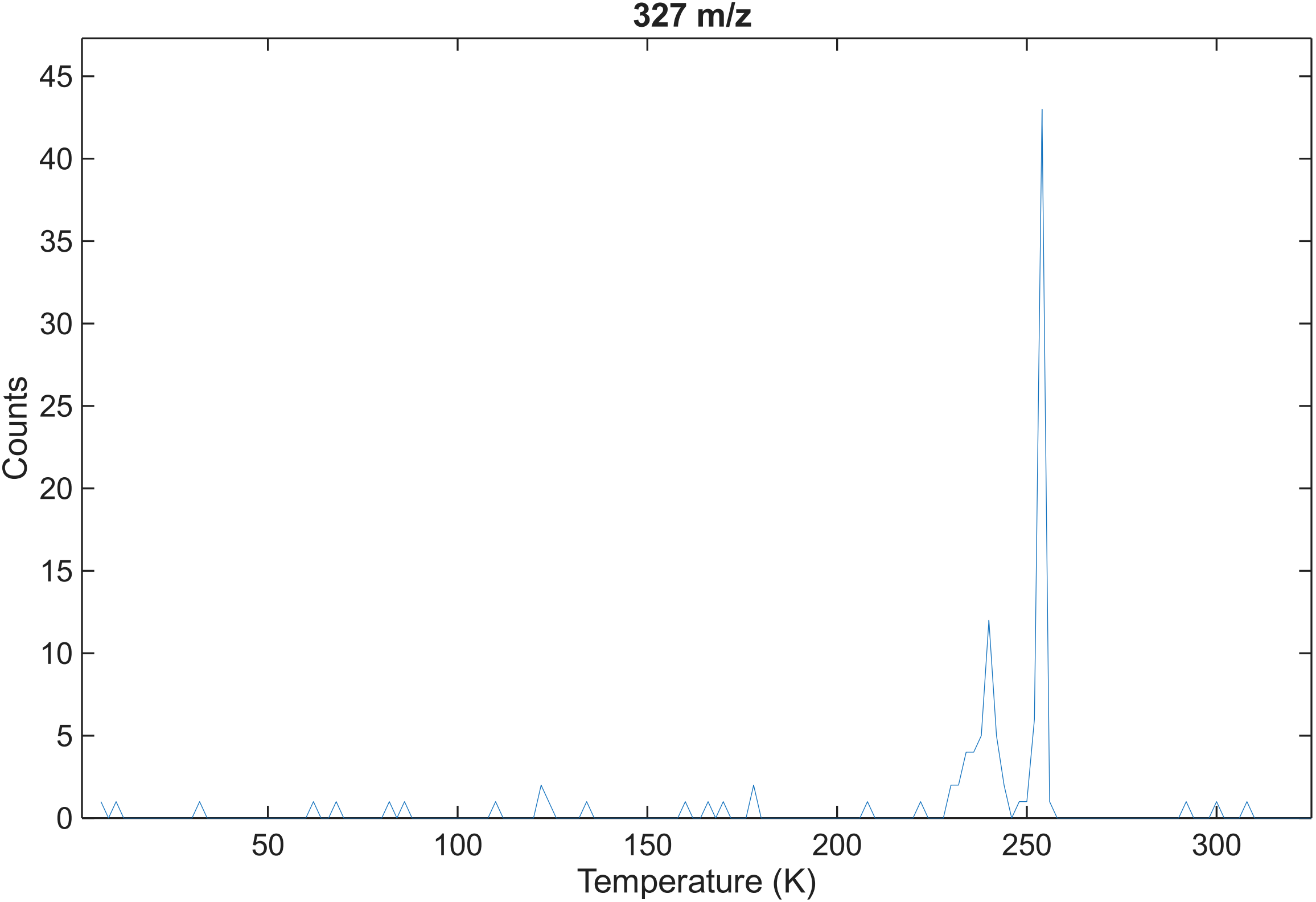
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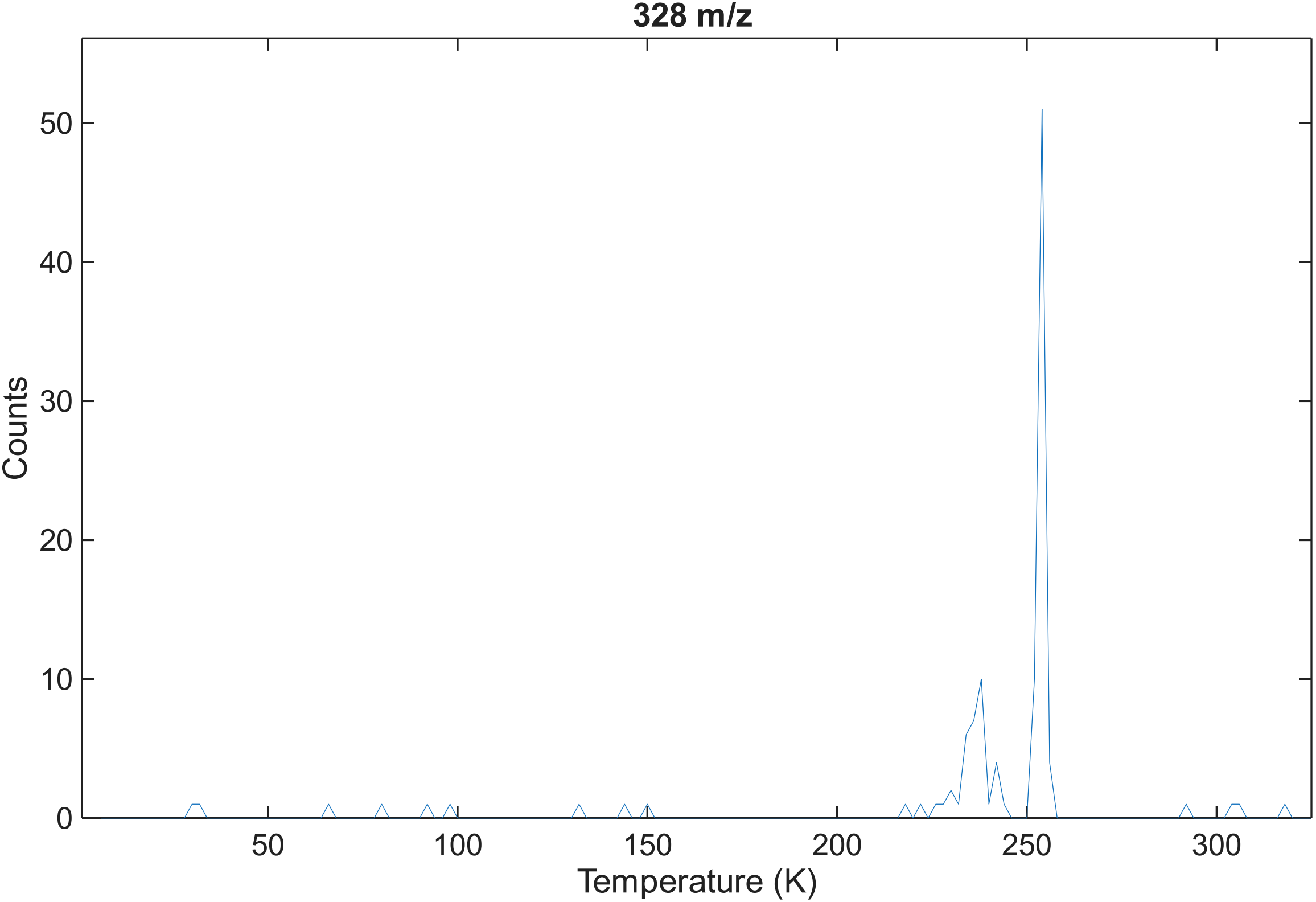
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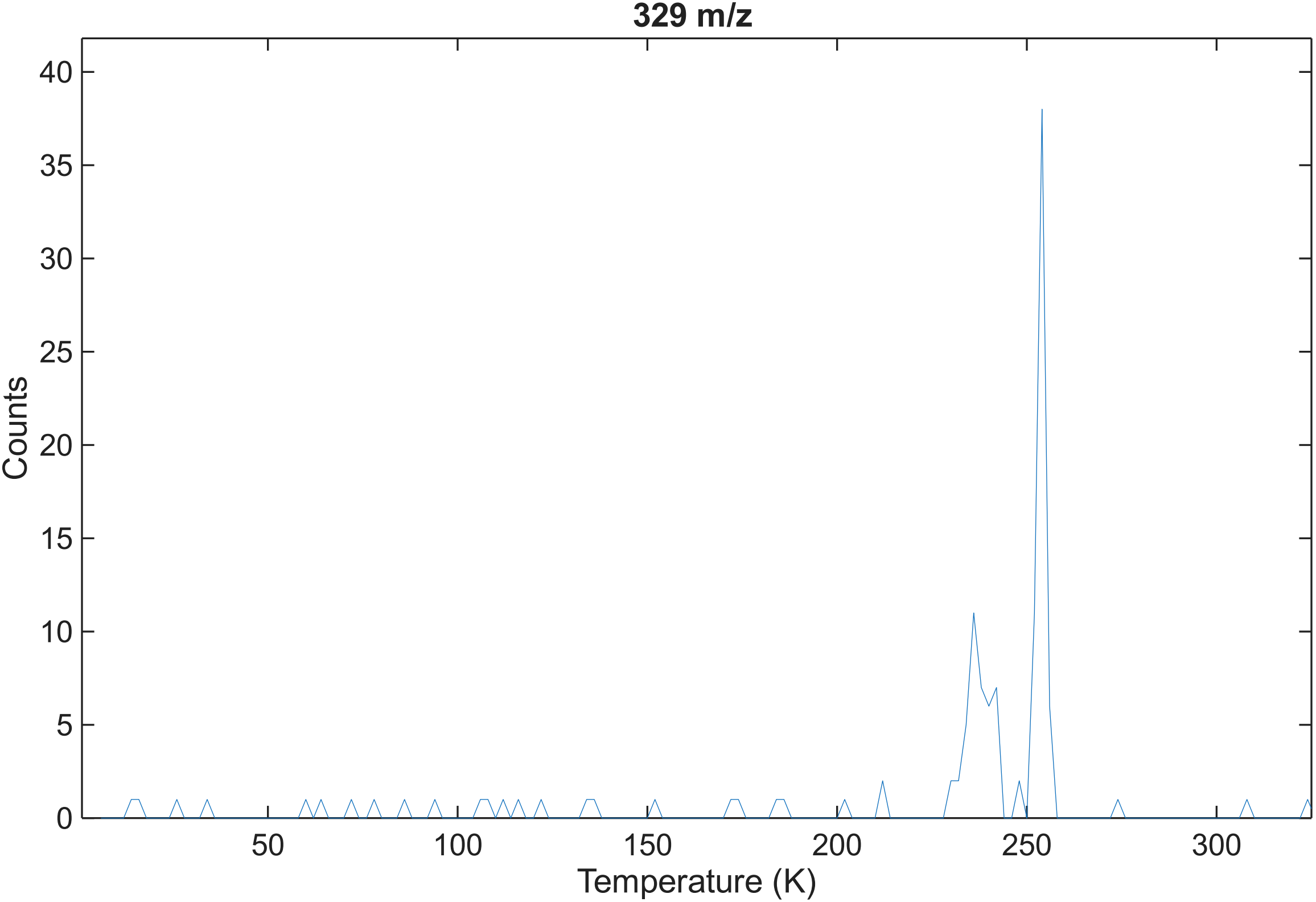
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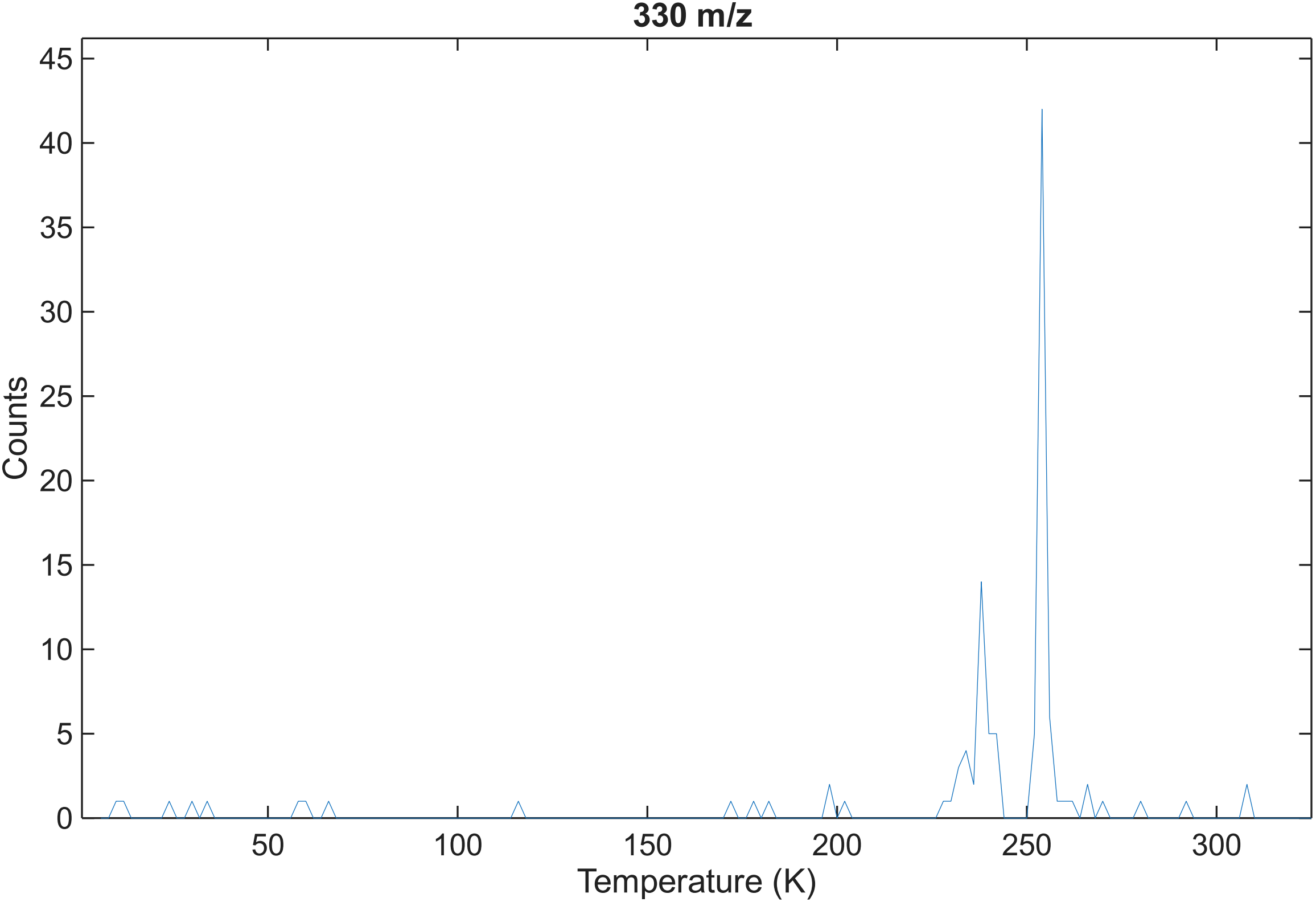
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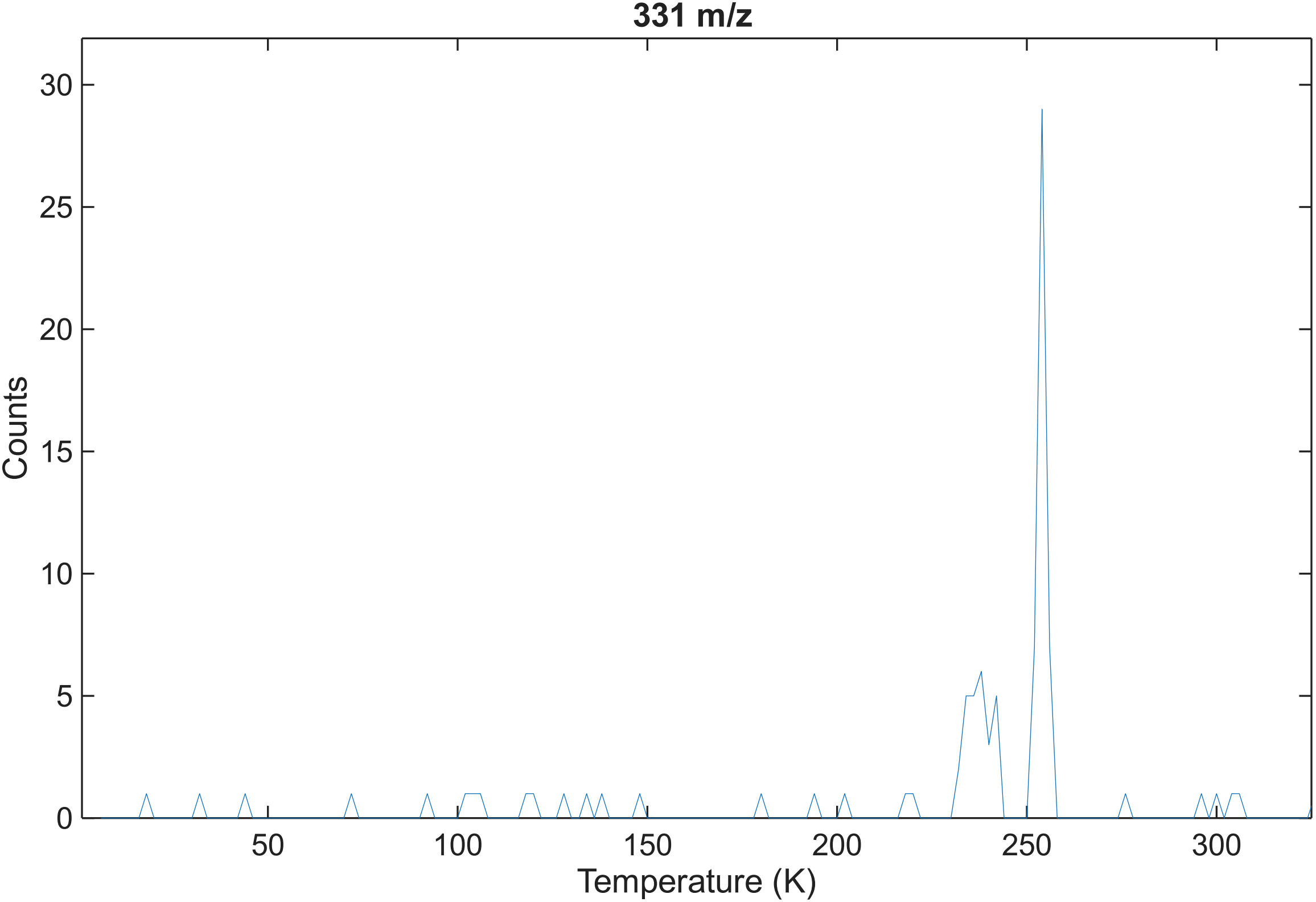
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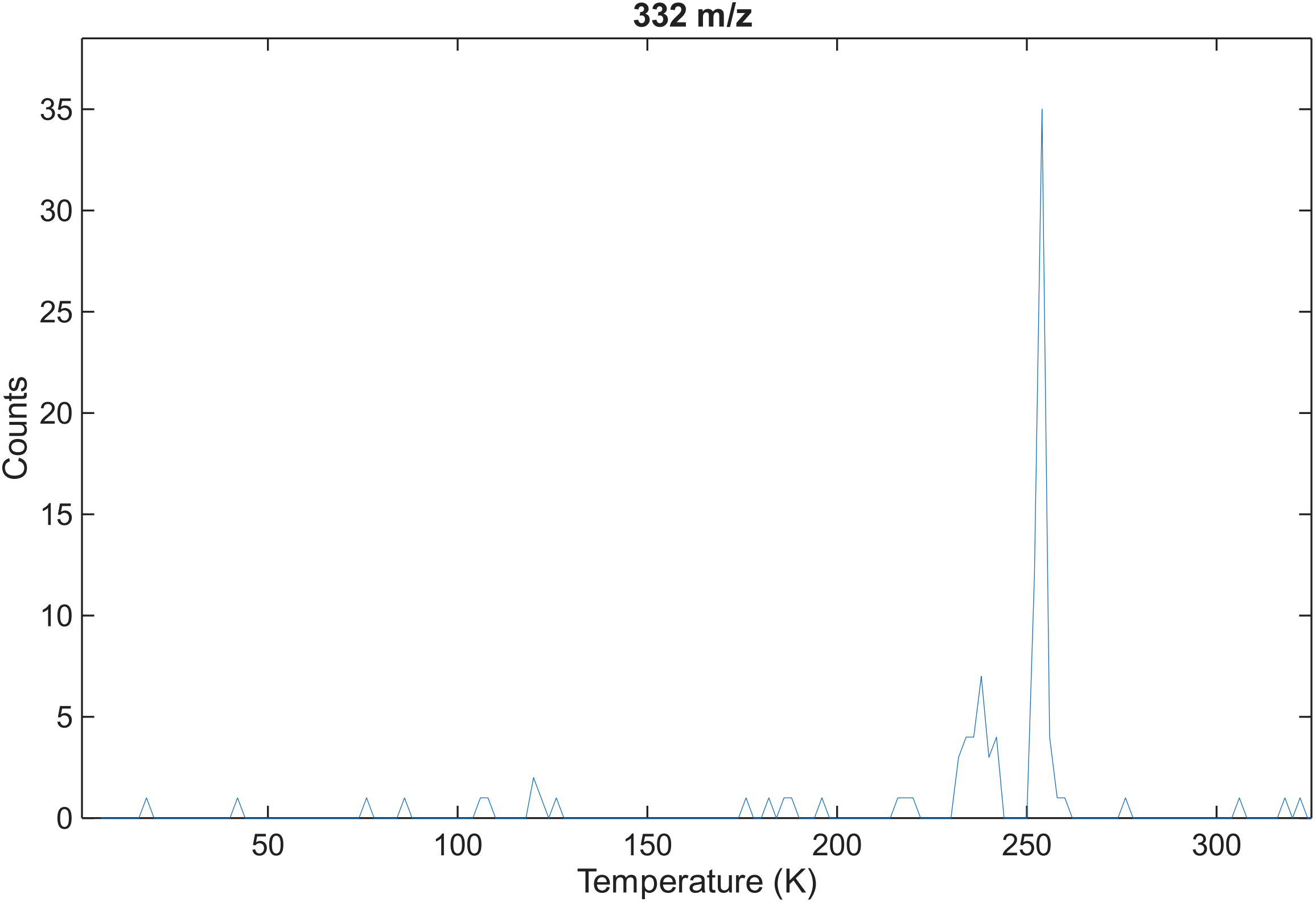
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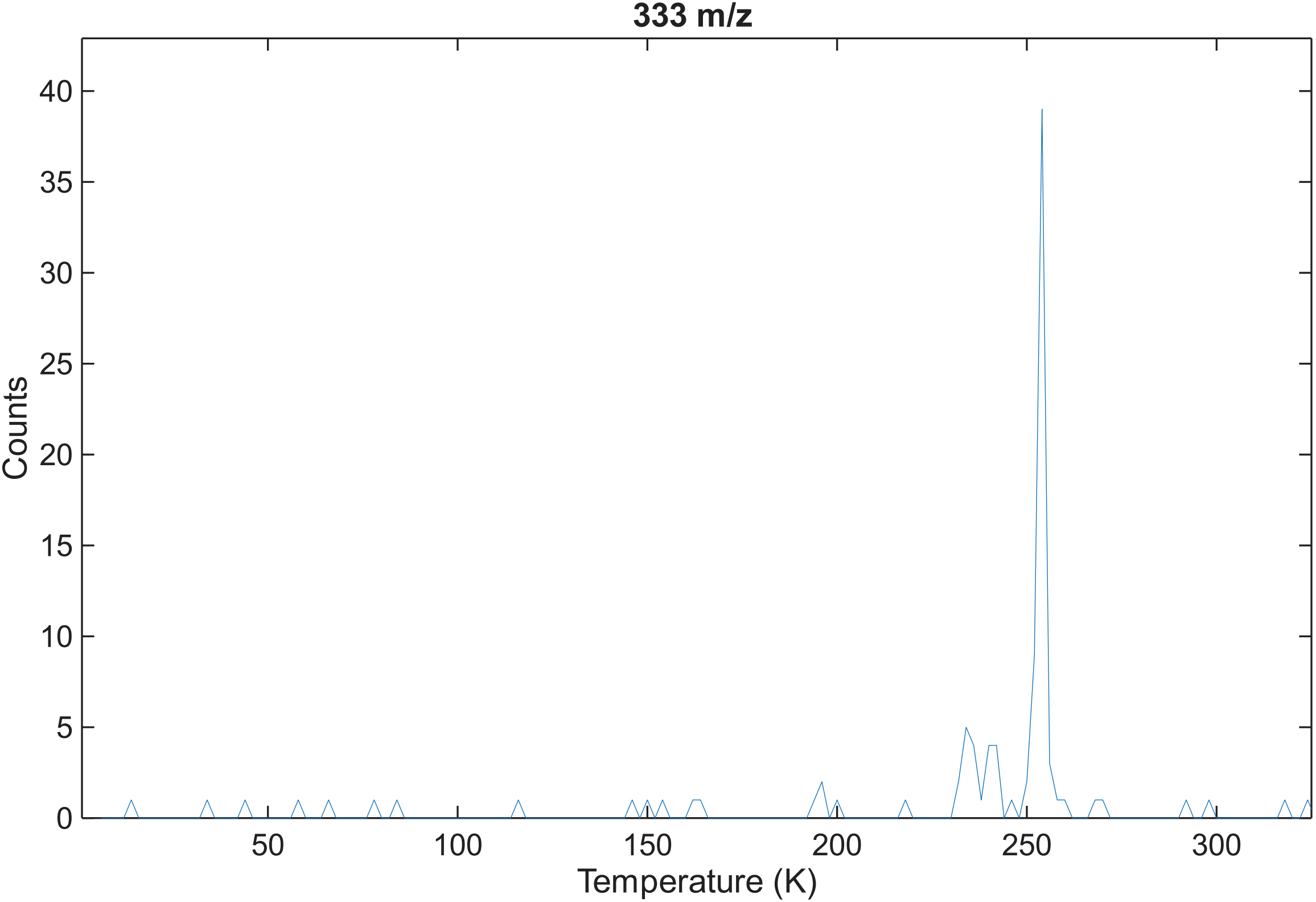
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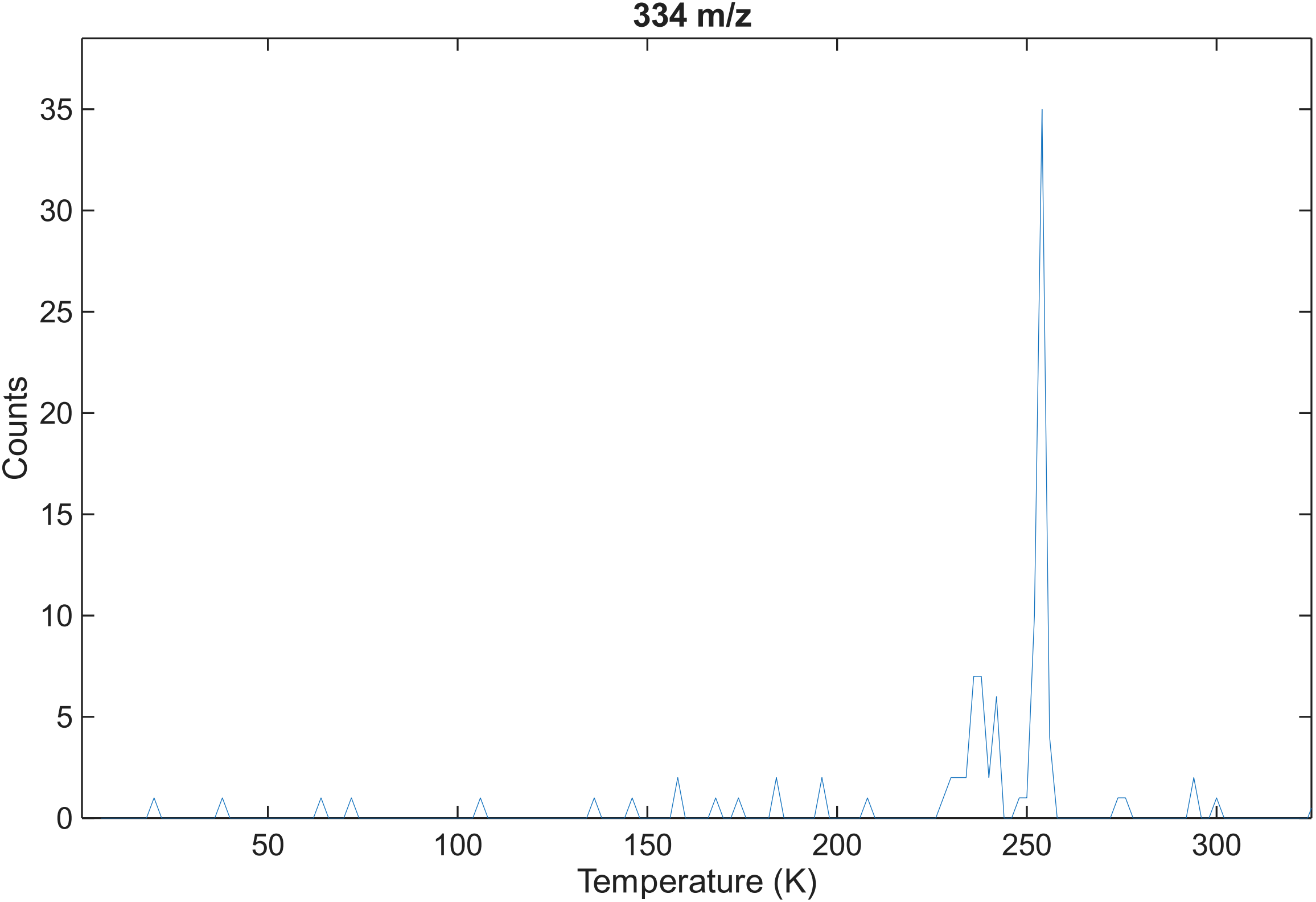
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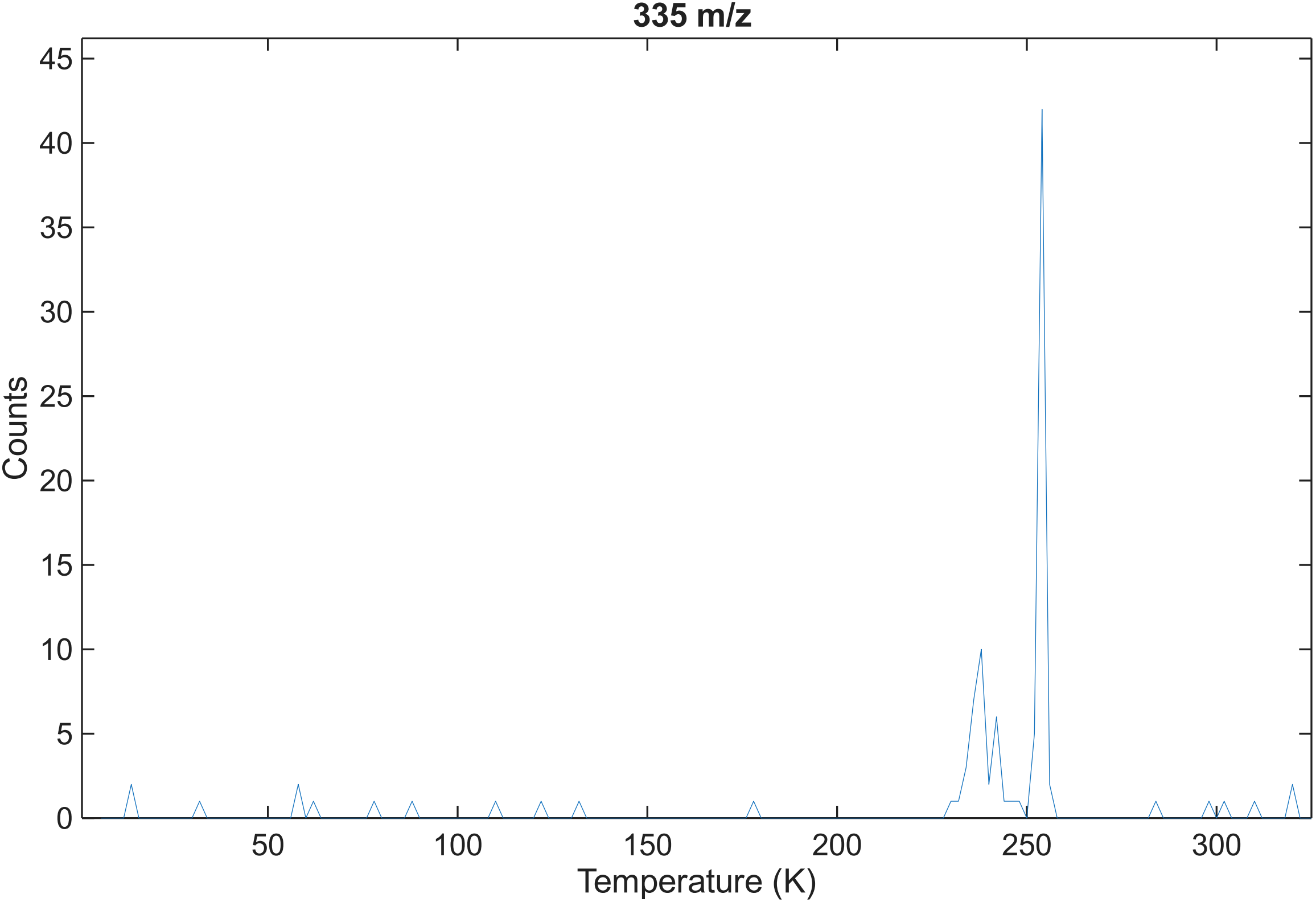
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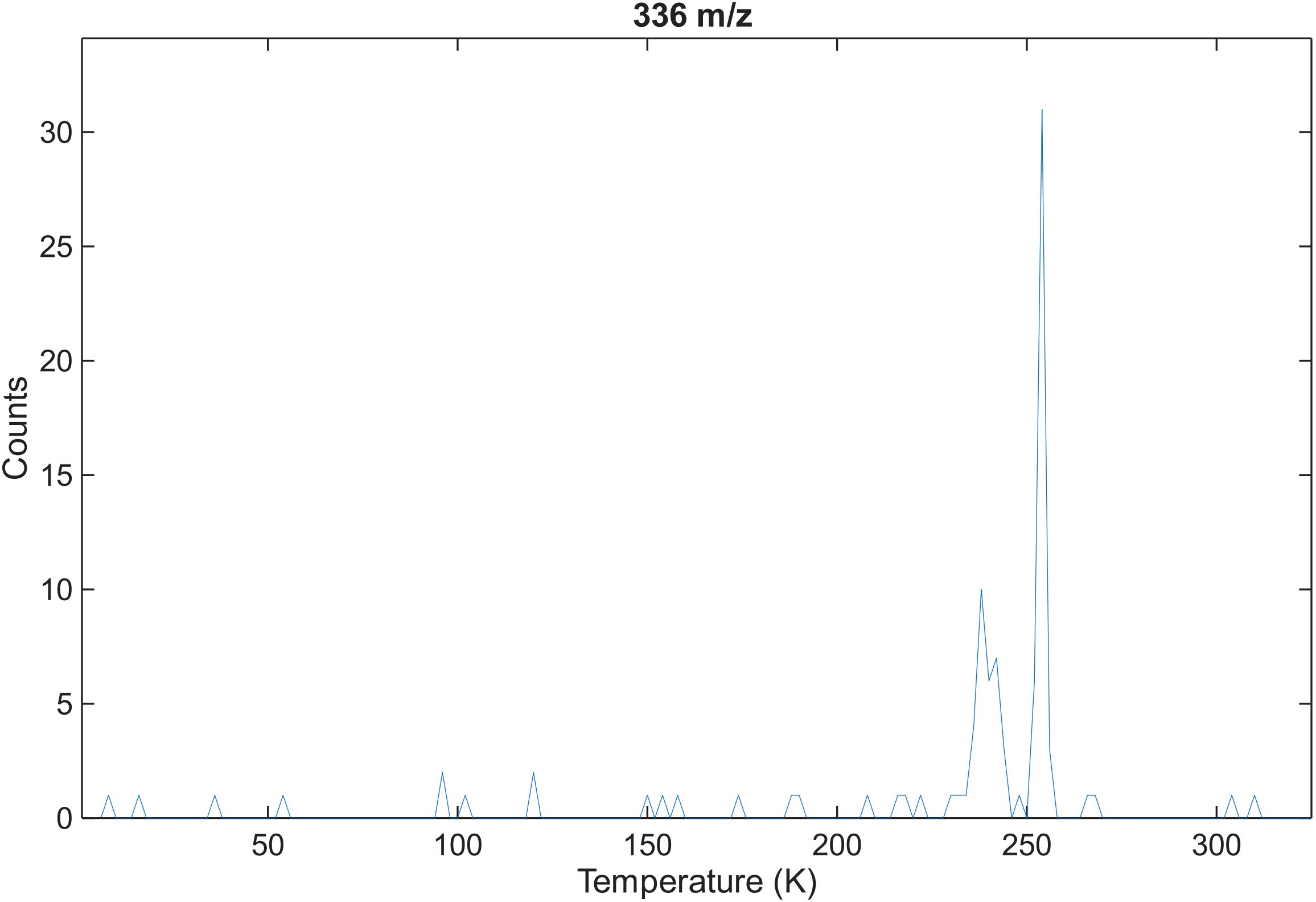
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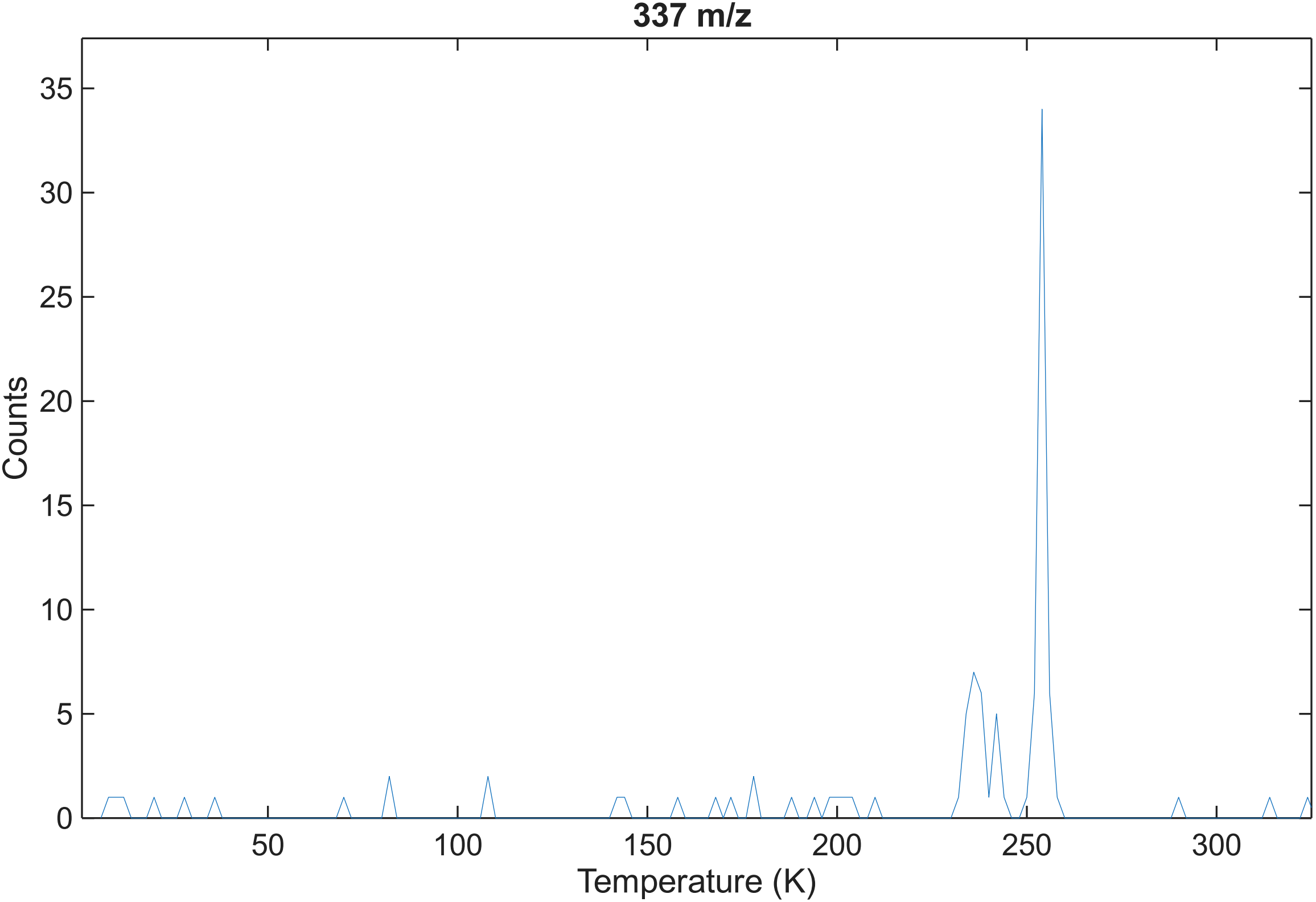
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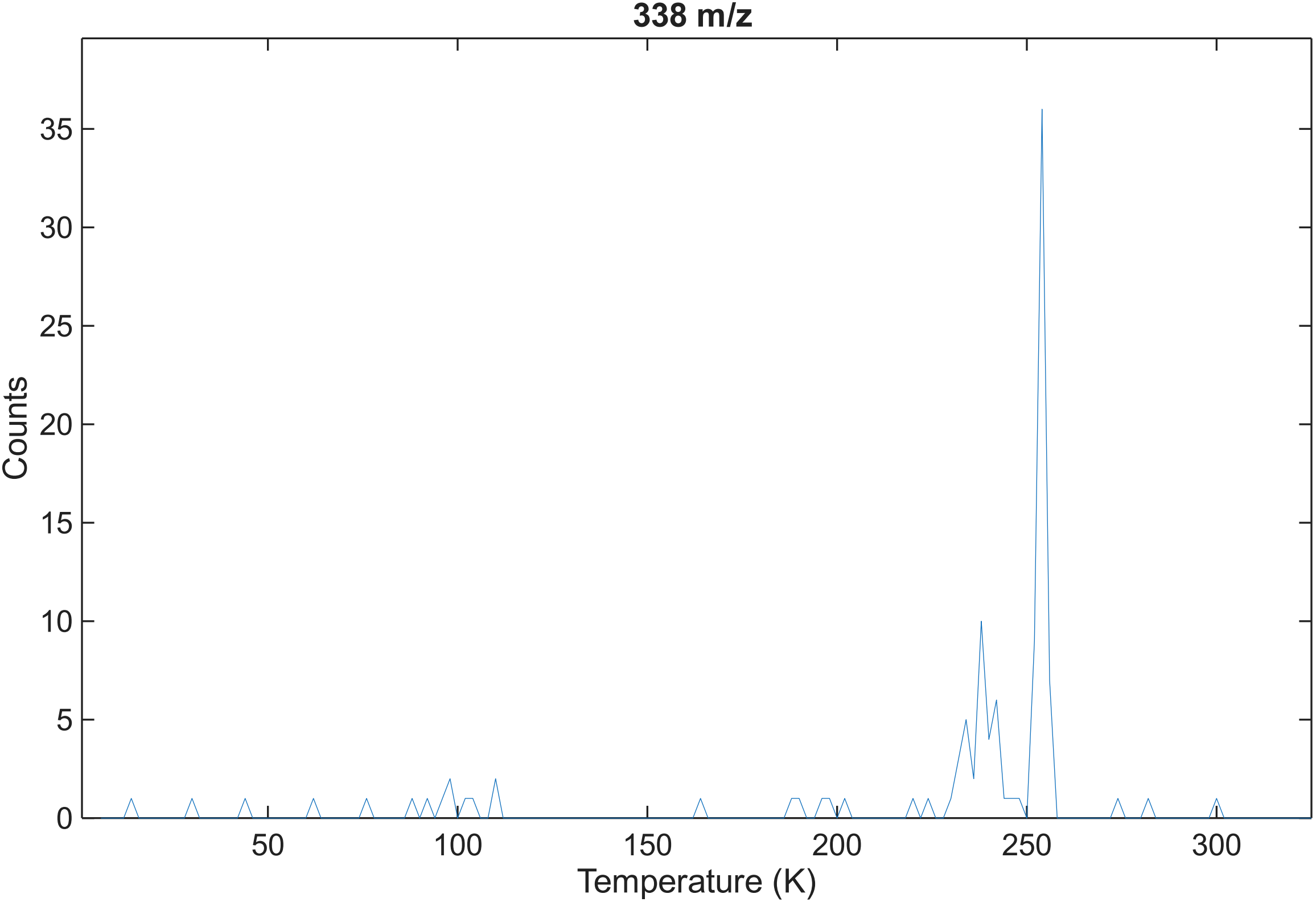
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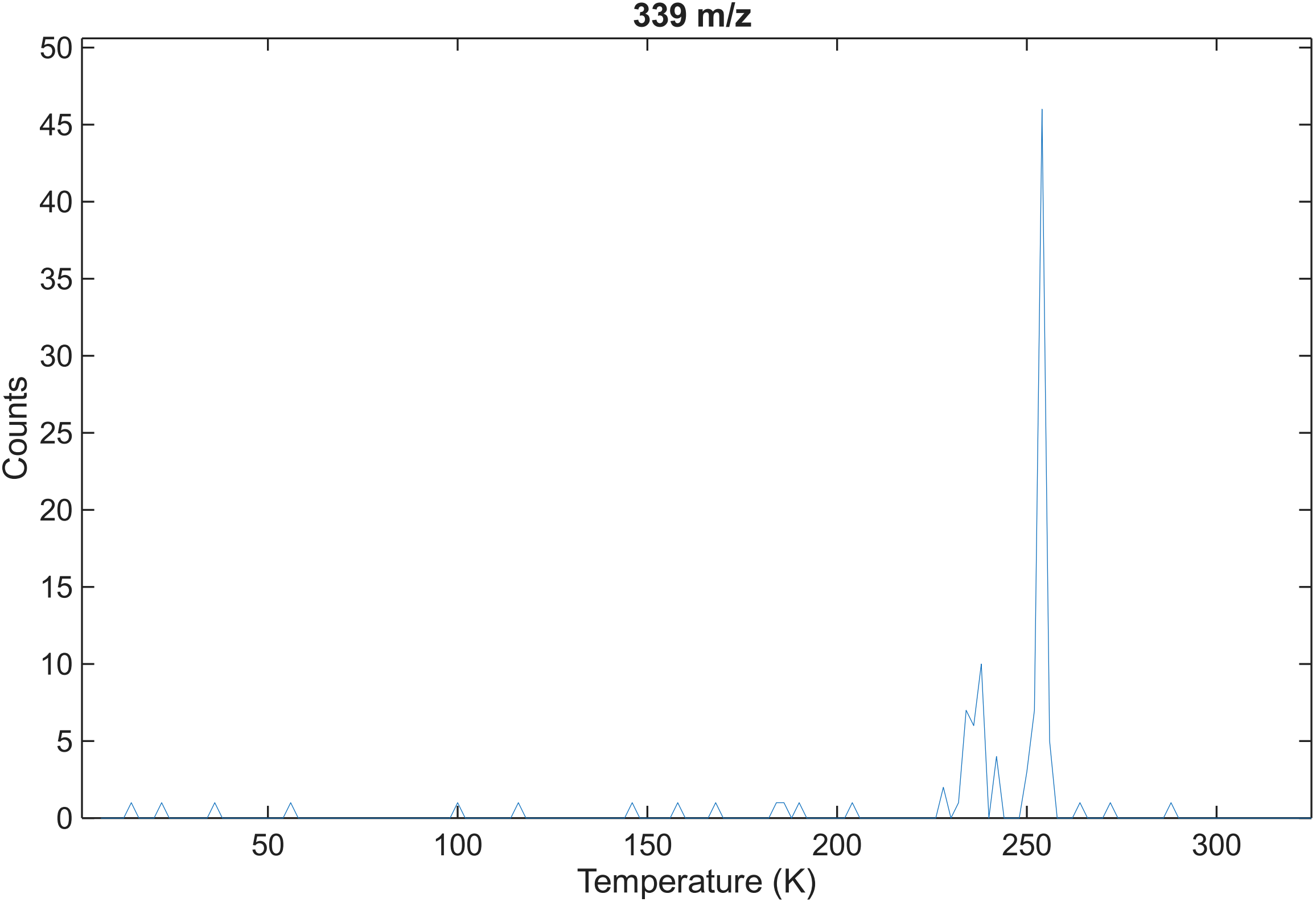
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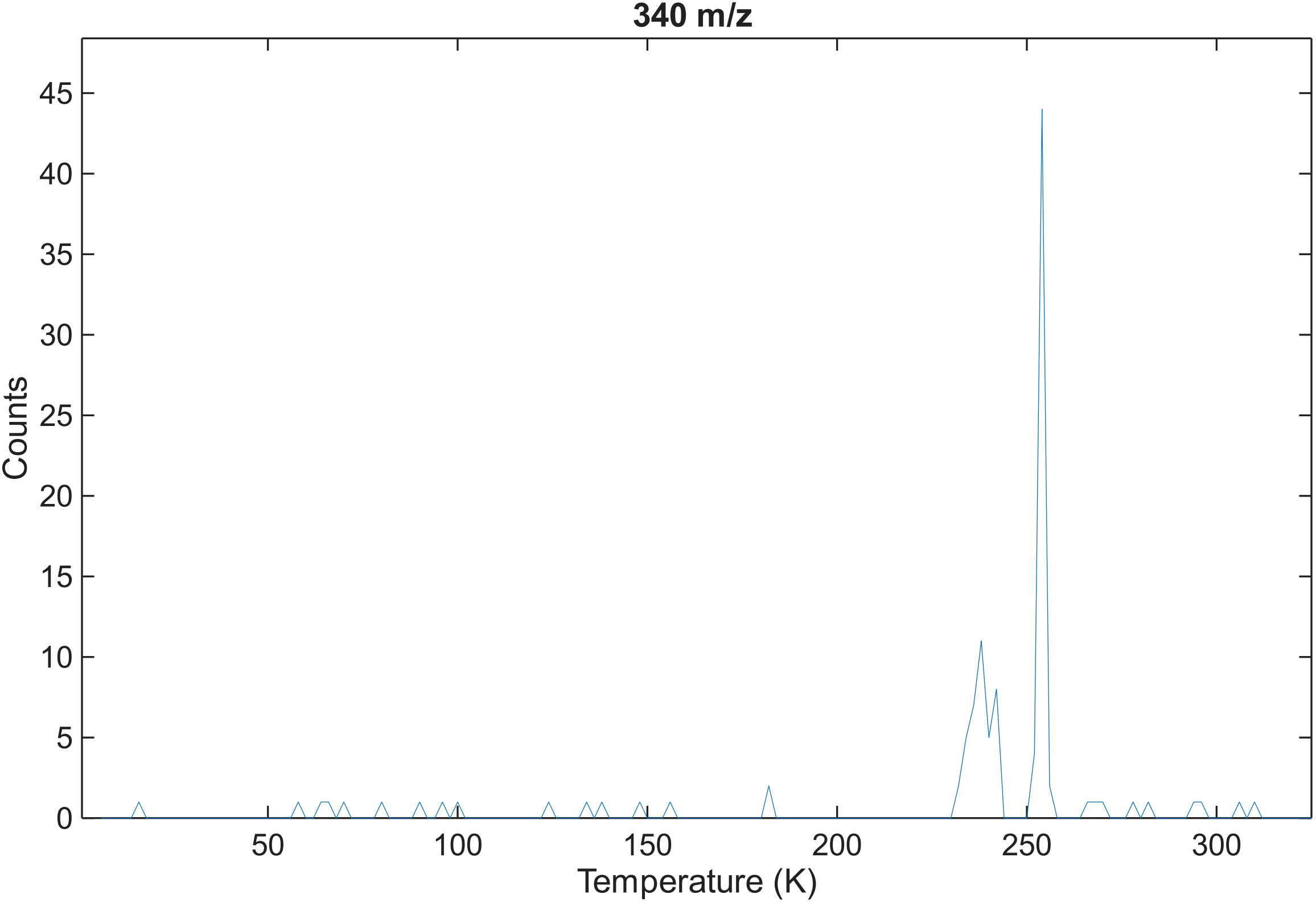
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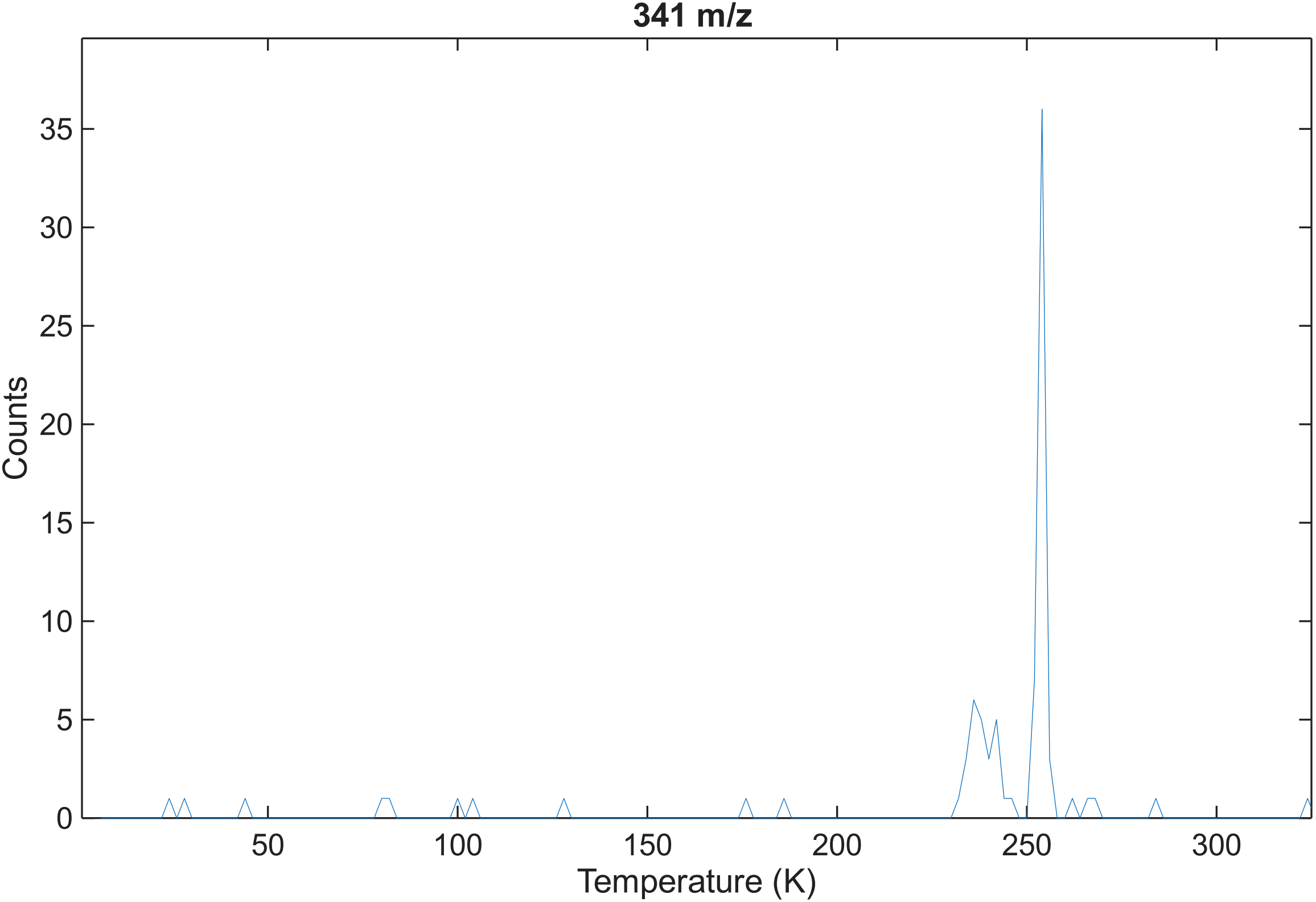
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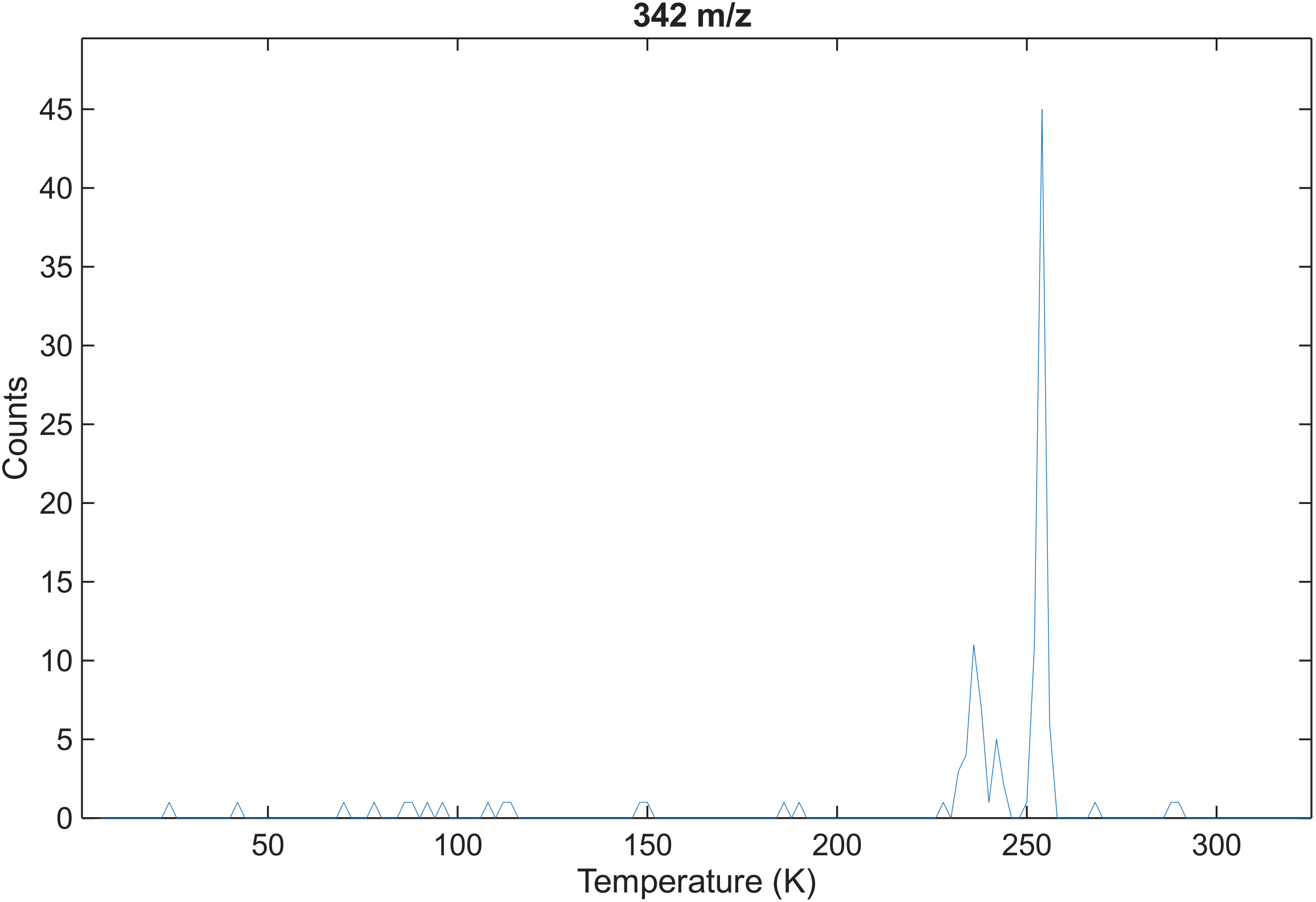
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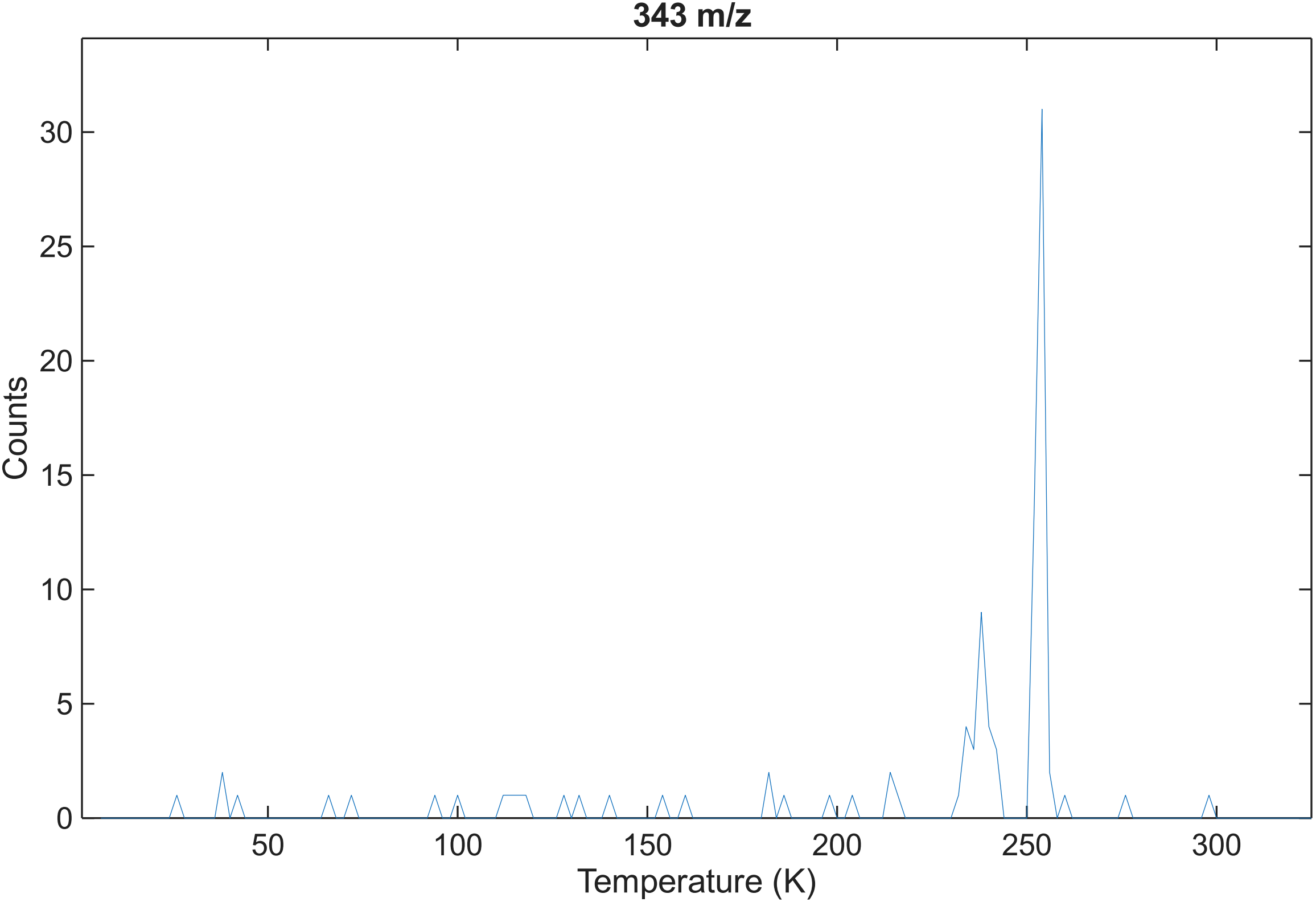
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Counts
Temperature (K)
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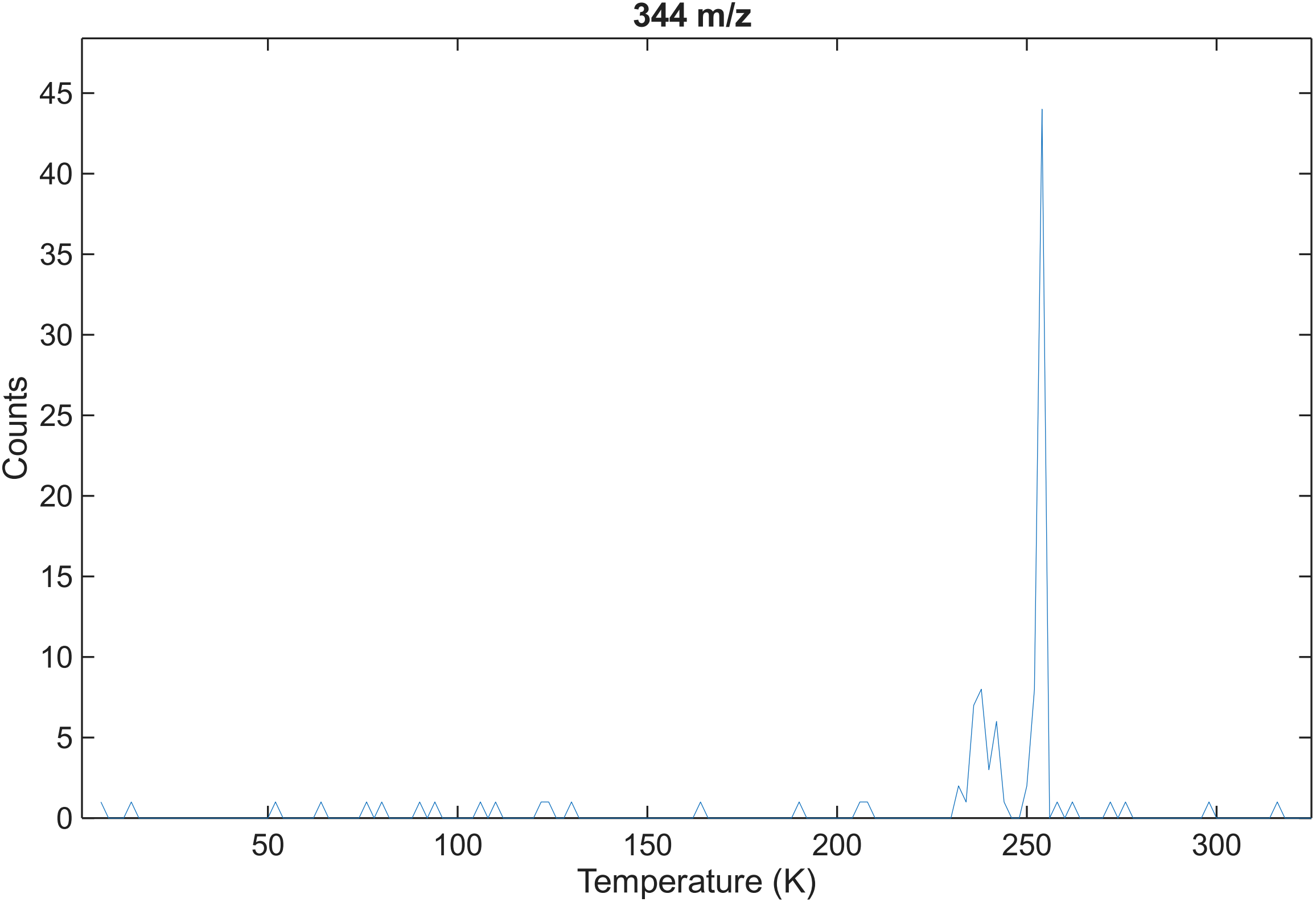
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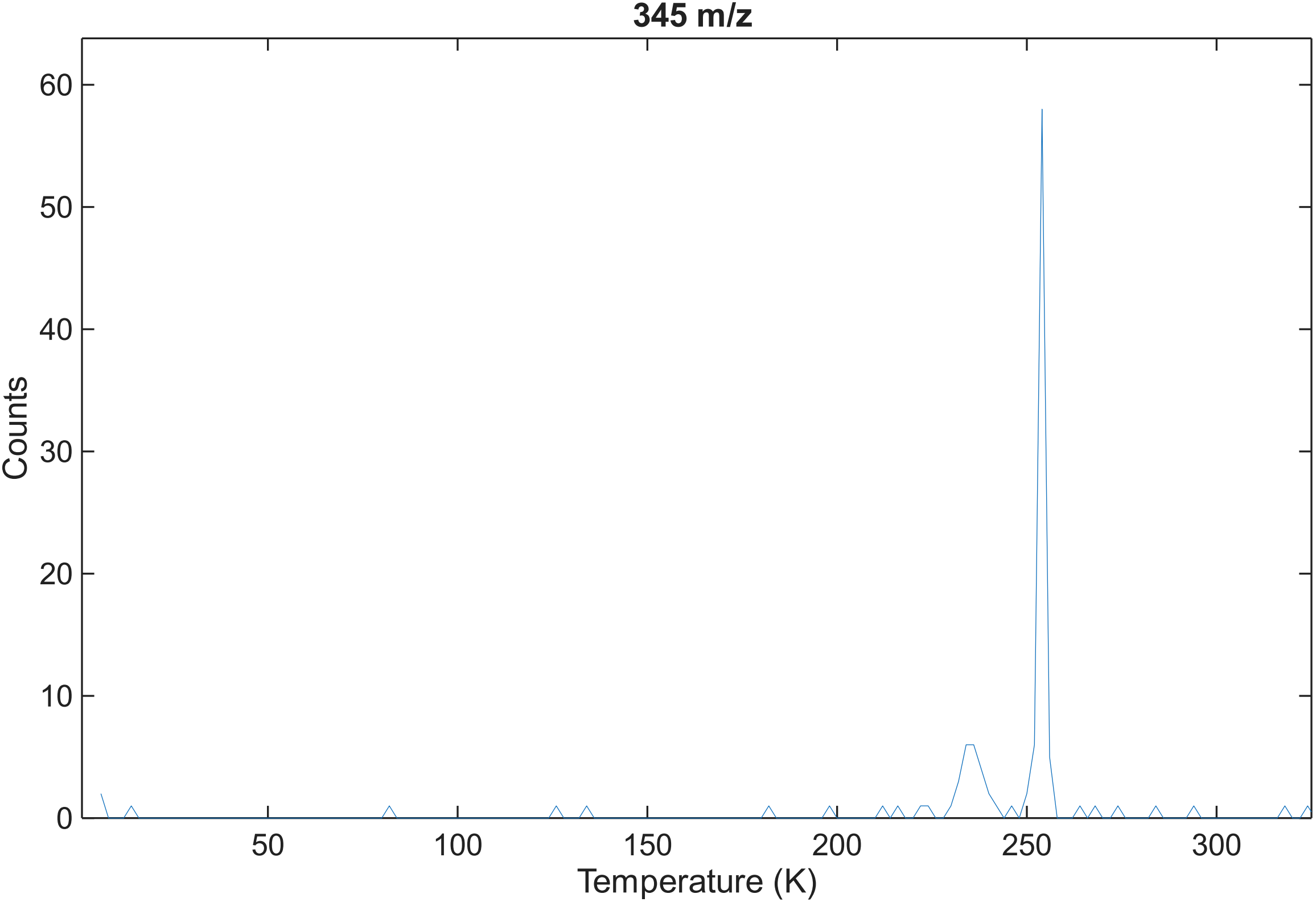
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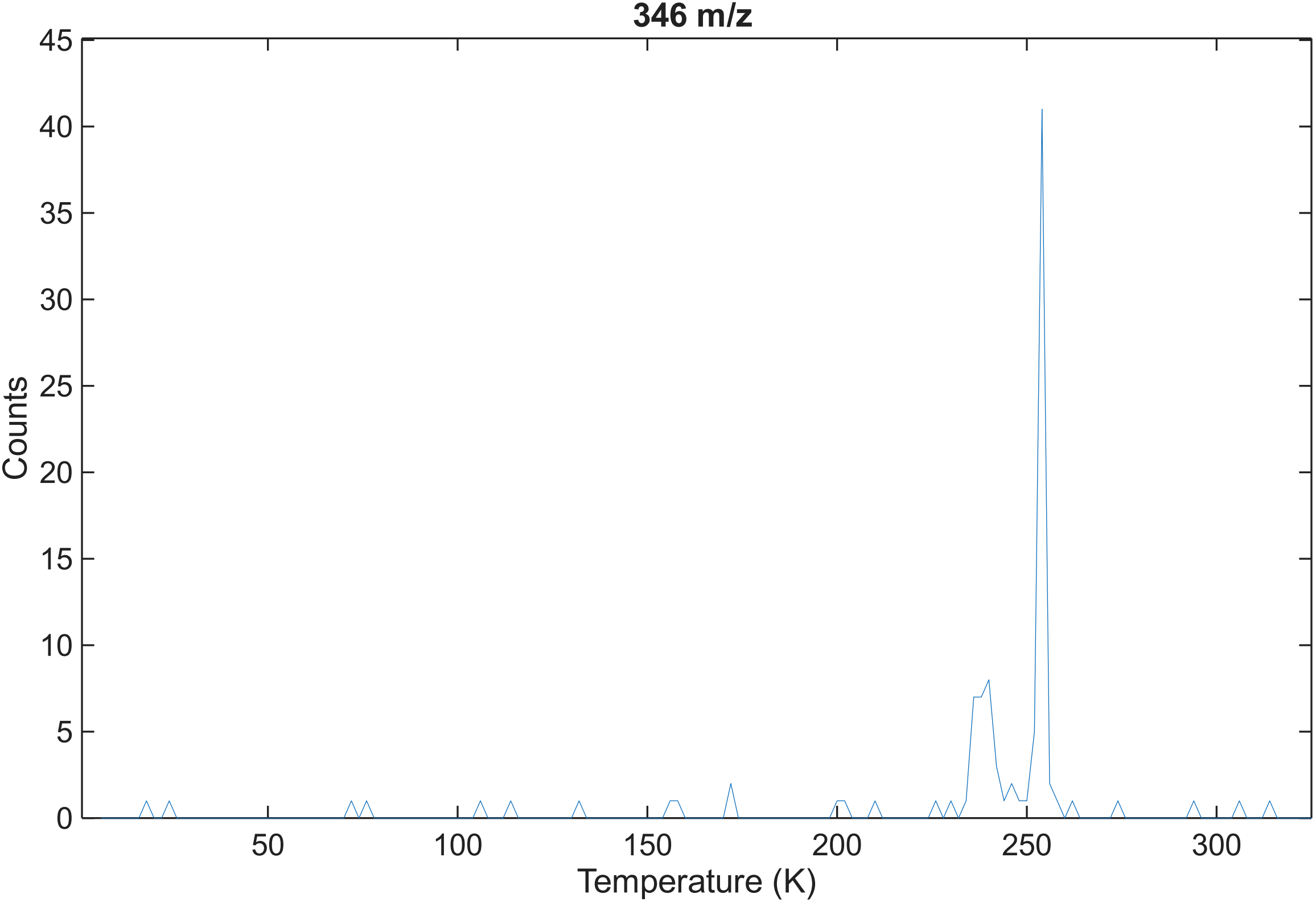
346 m/z
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0
Counts
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250
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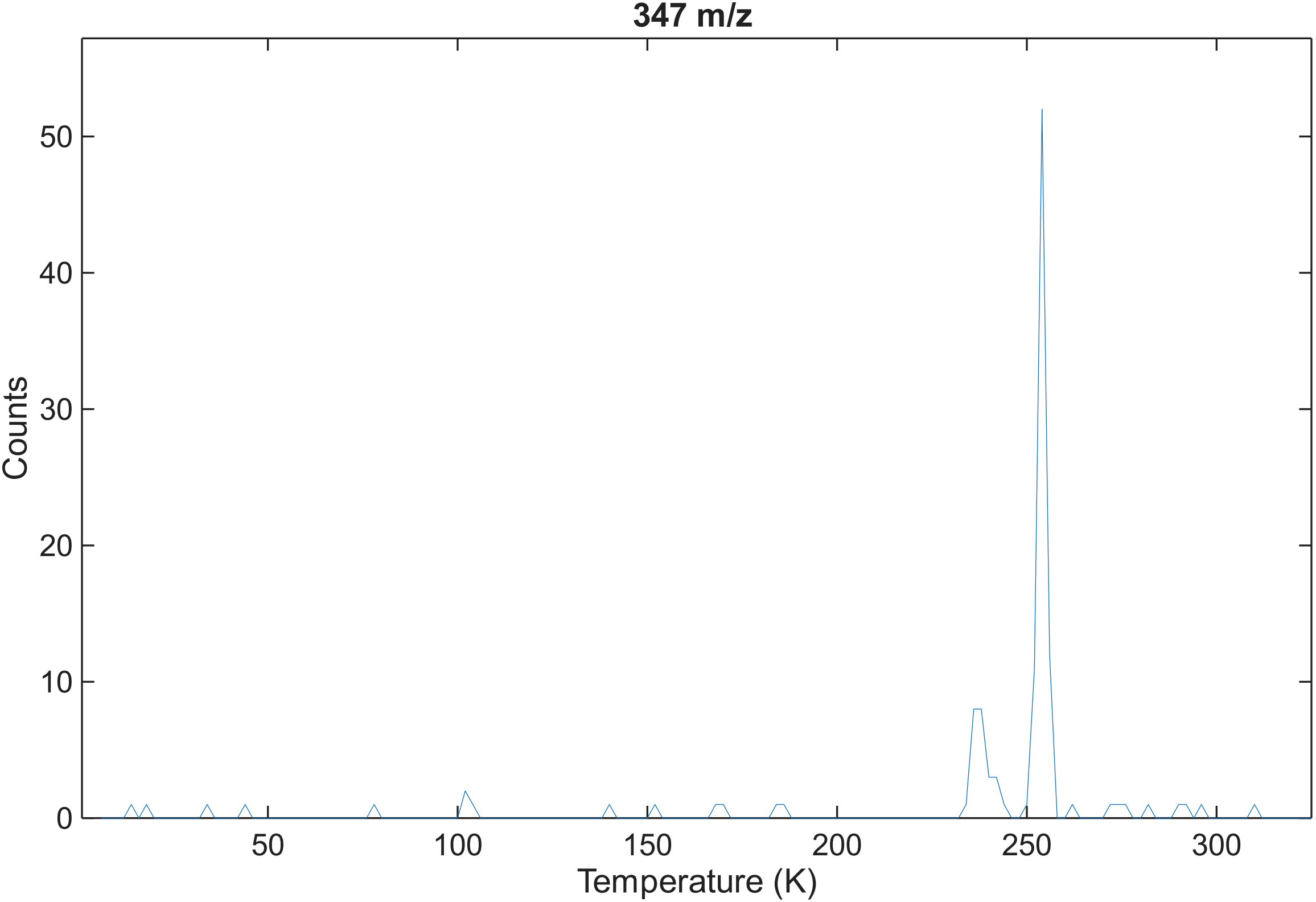
Temperature (K)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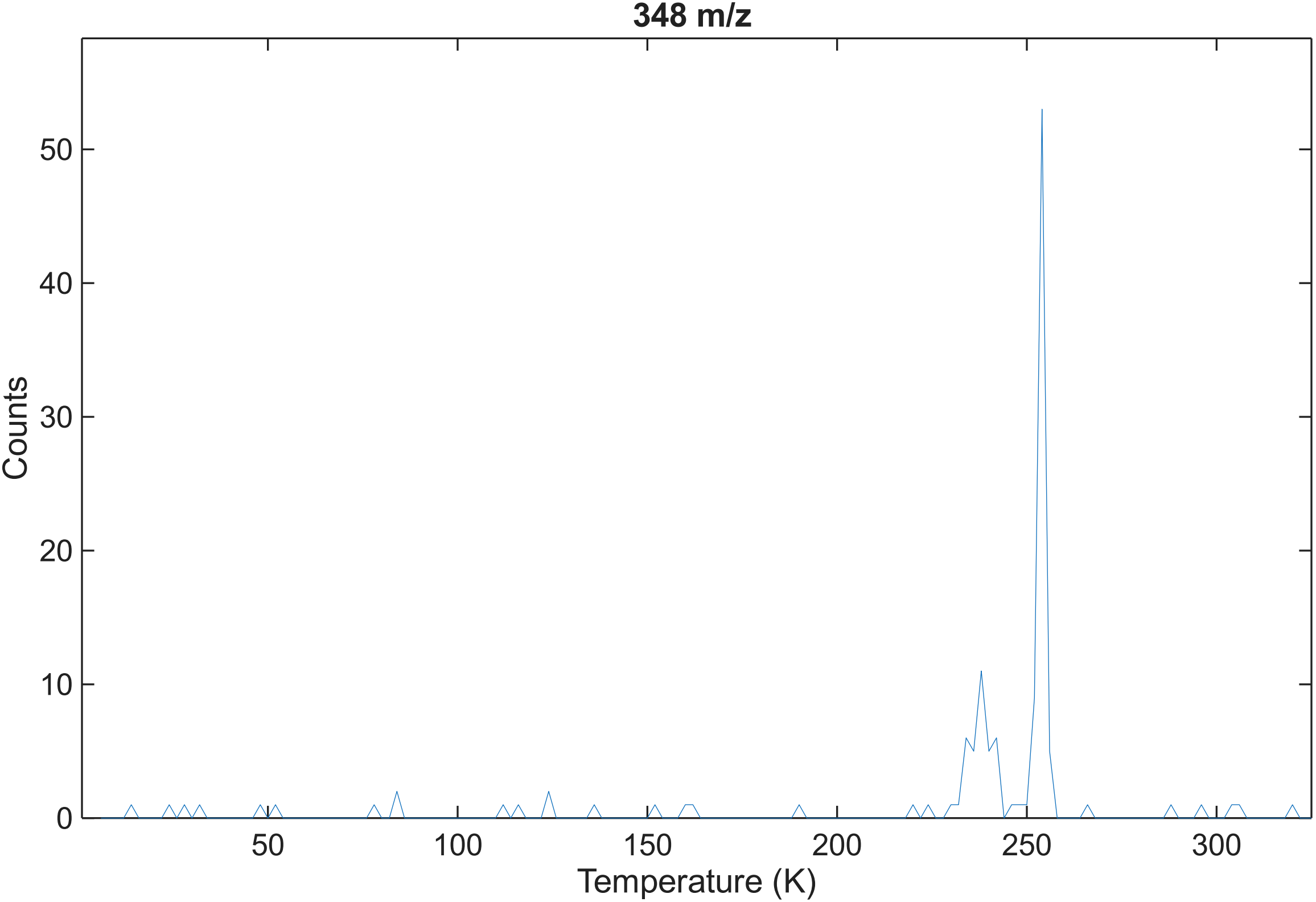
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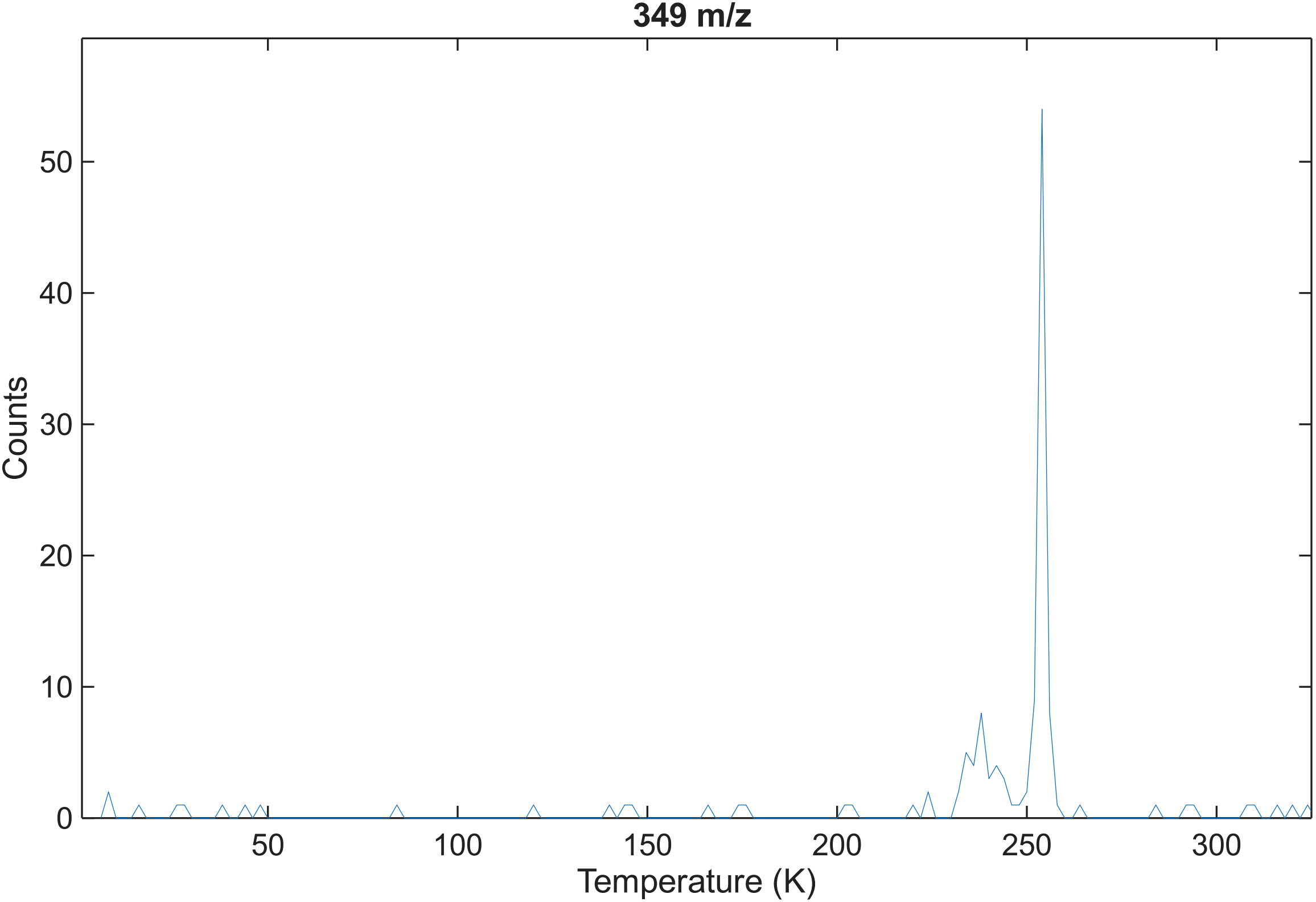
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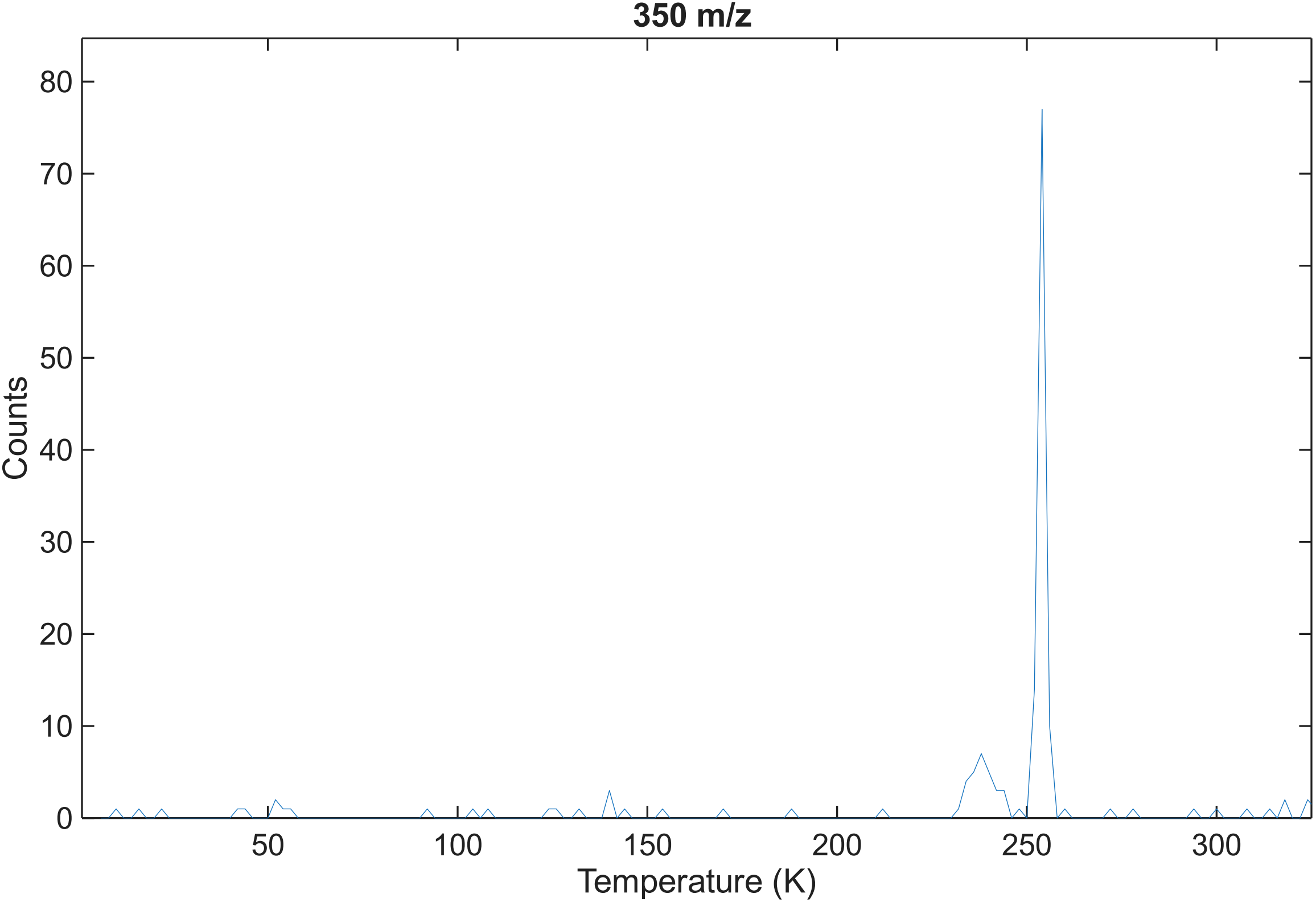
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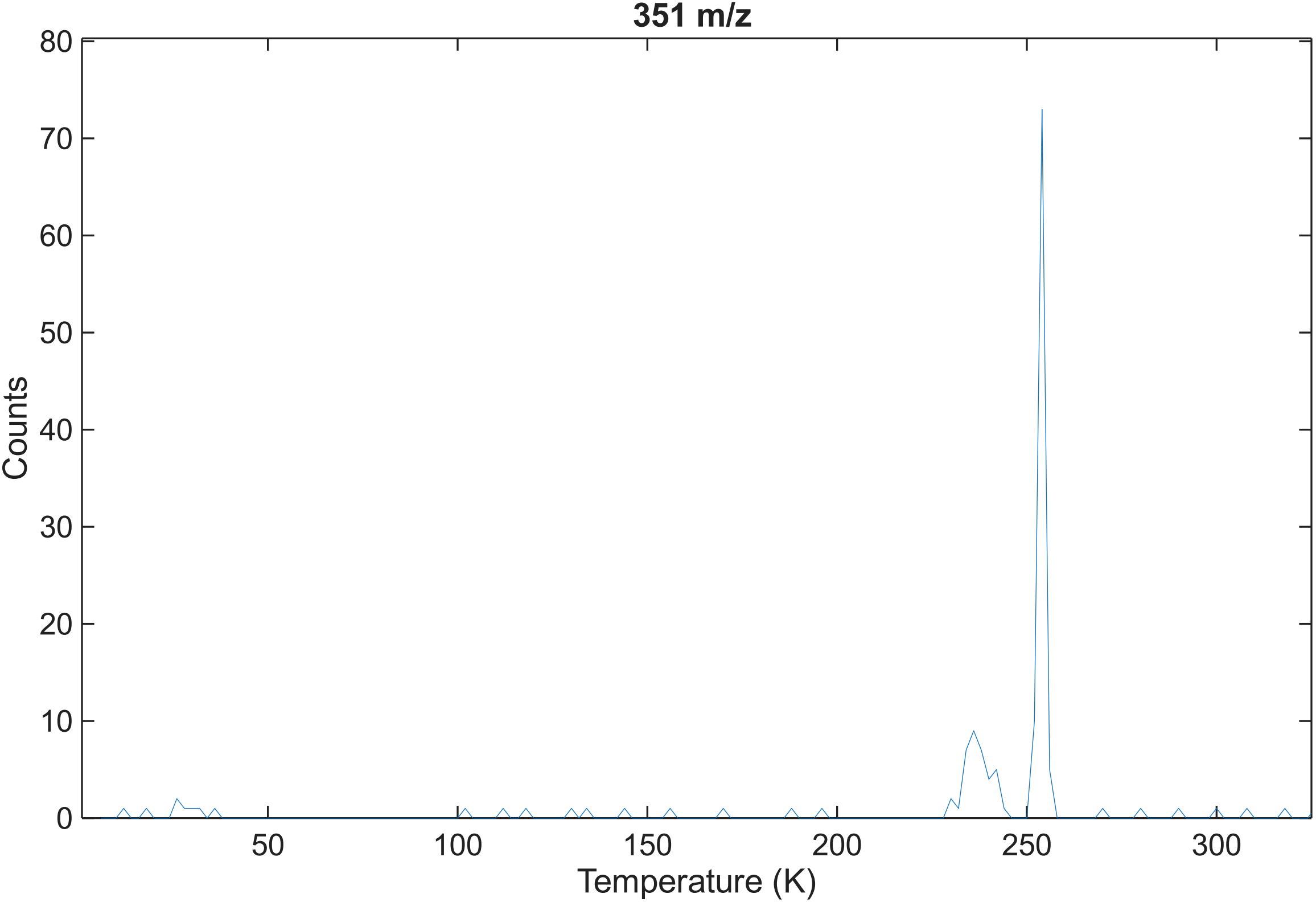
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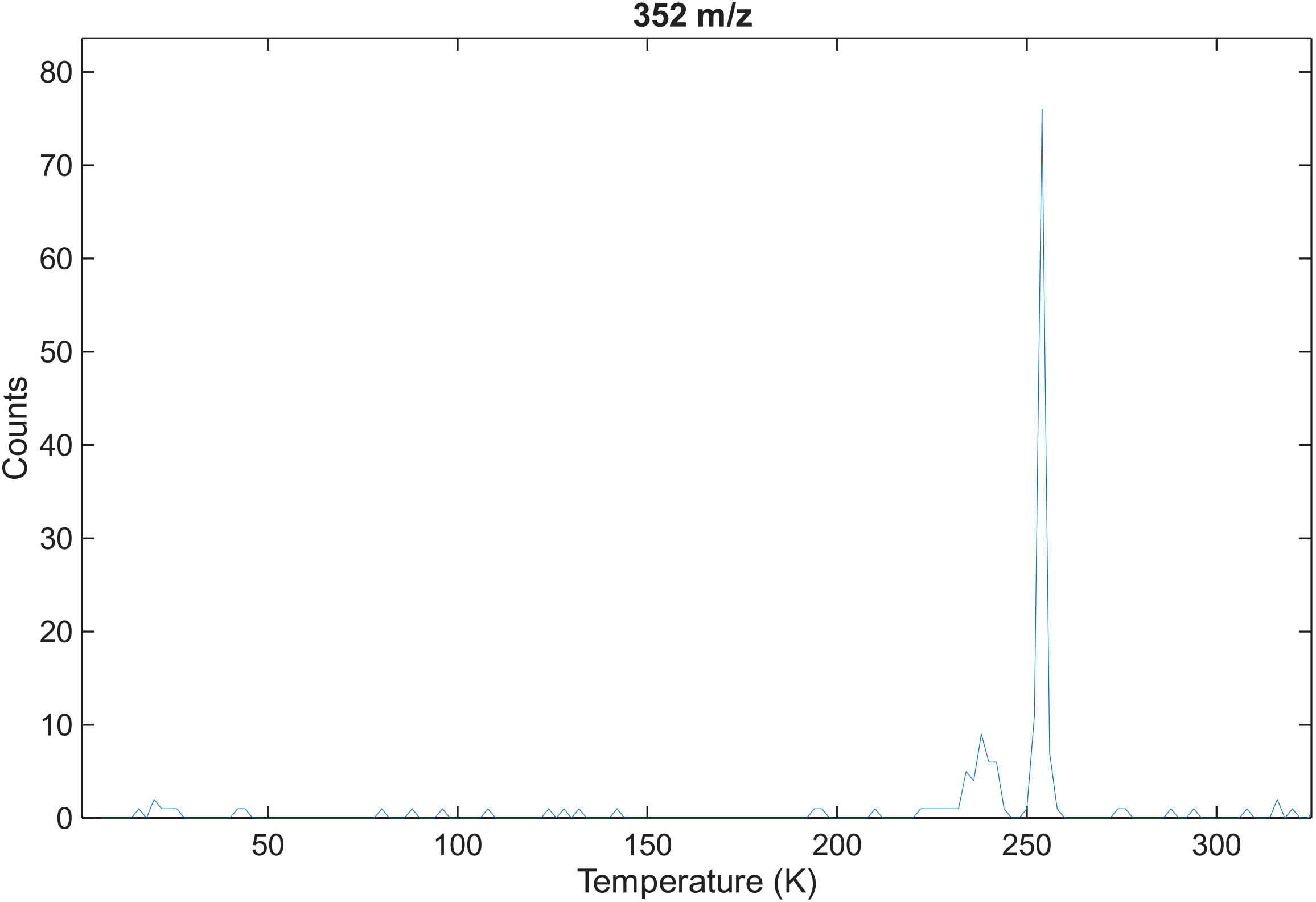
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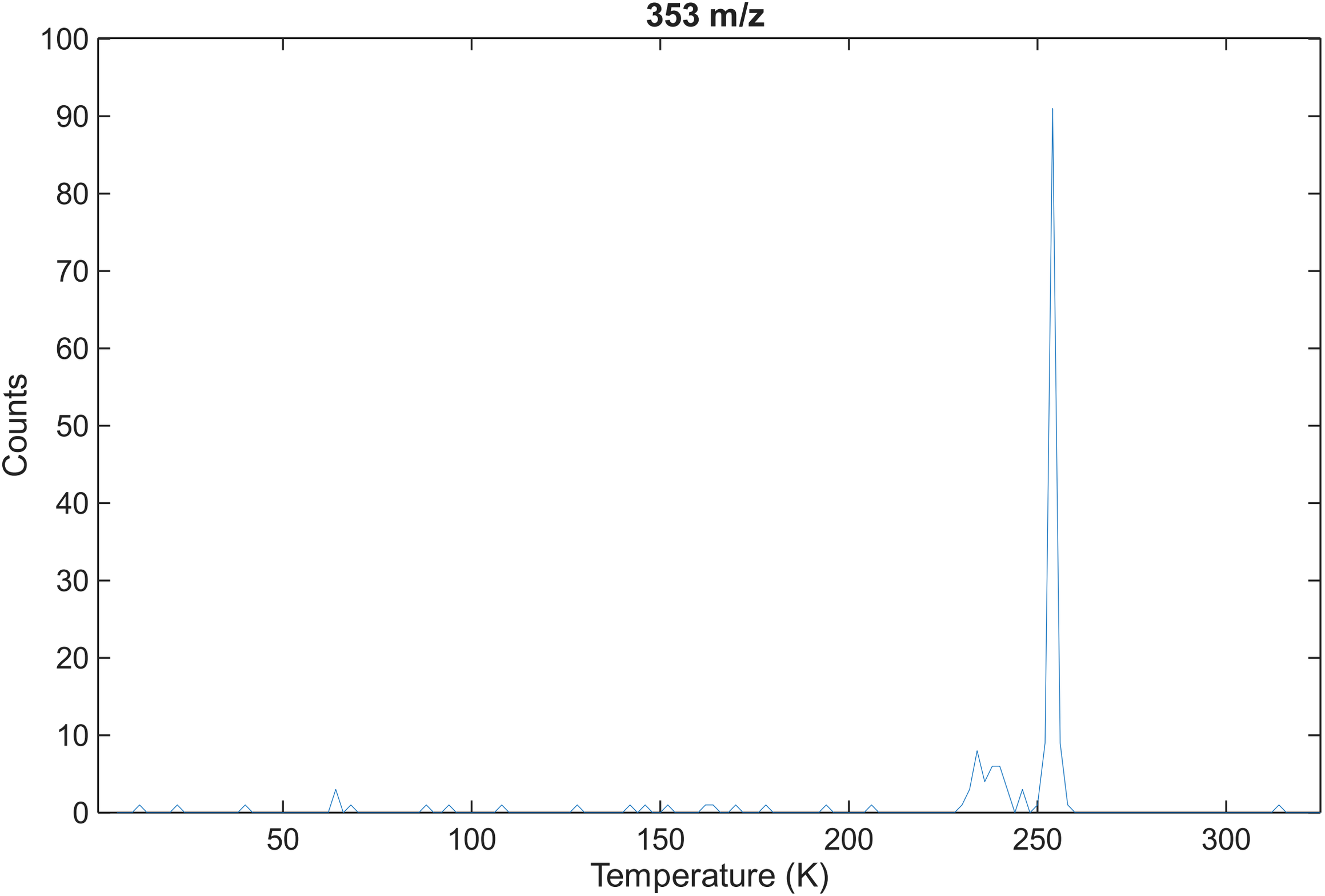
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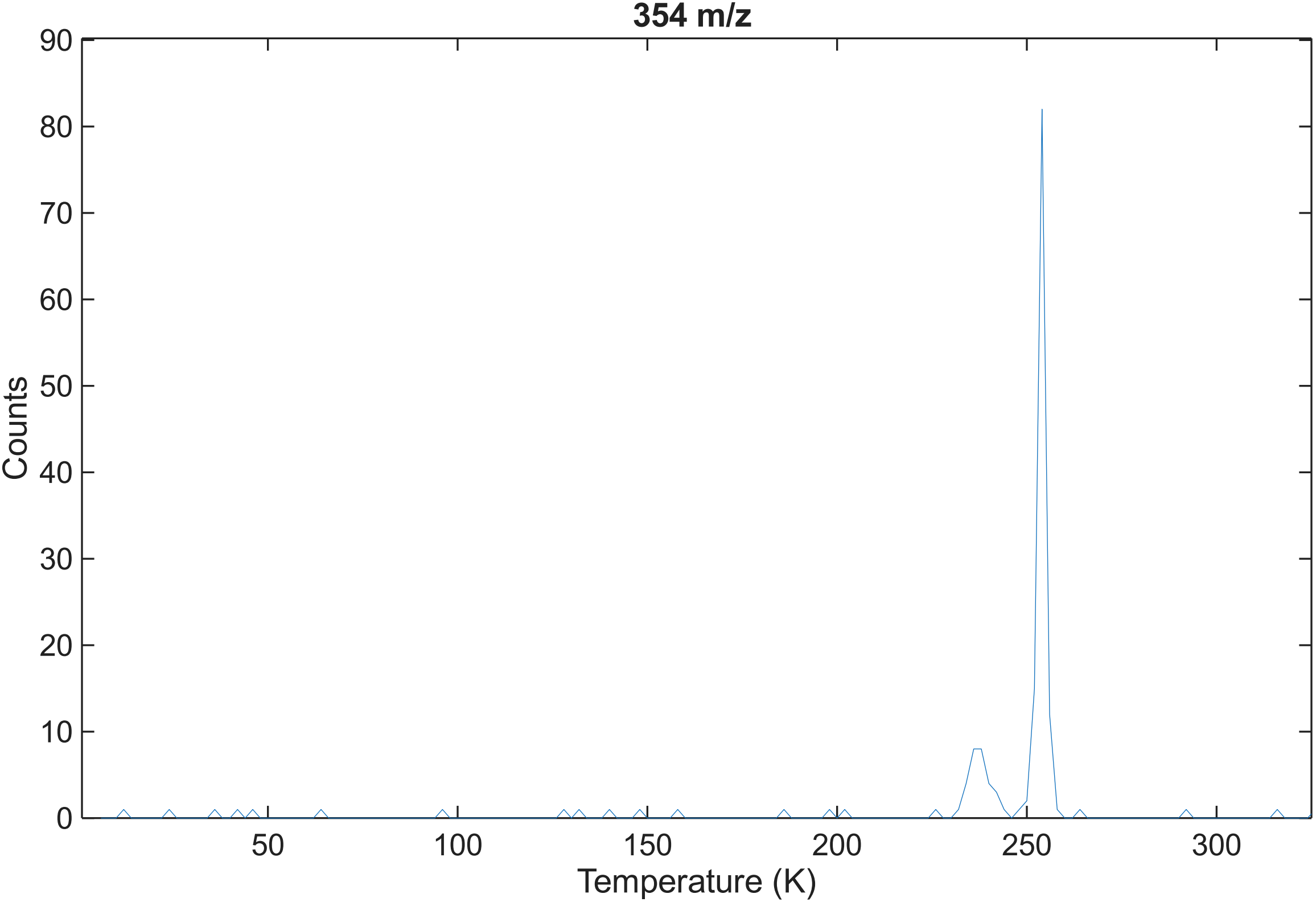
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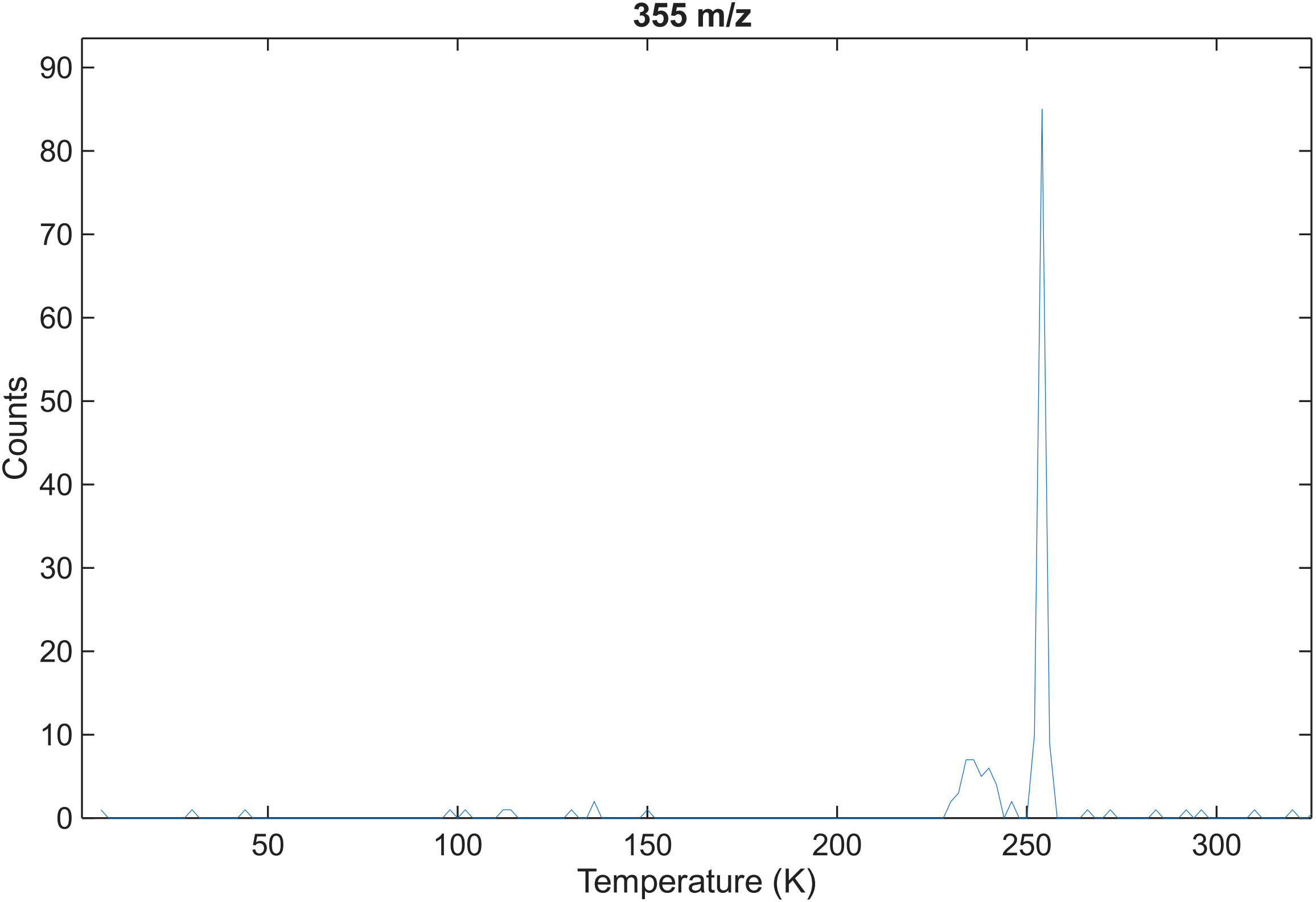
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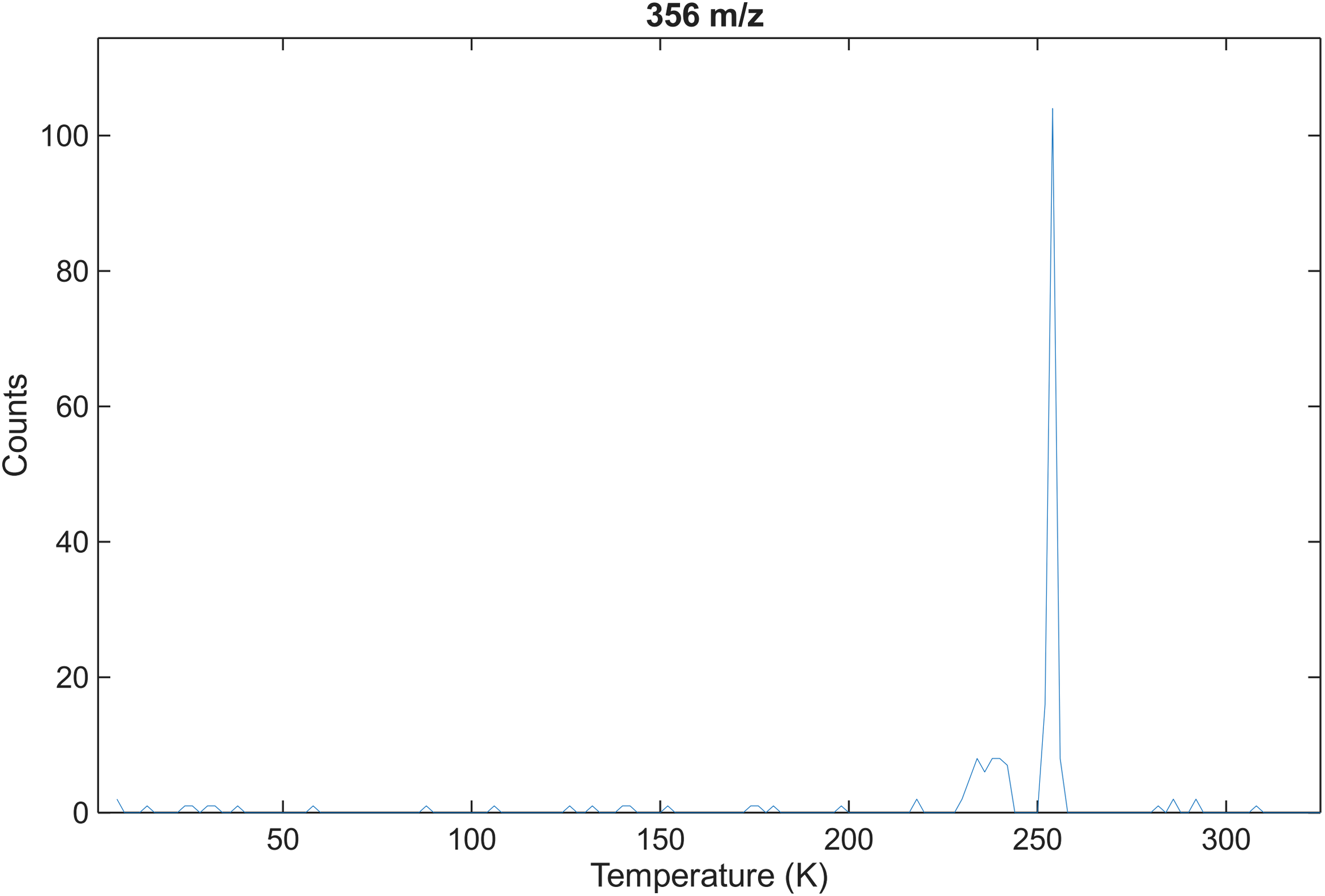
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Temperature (K)
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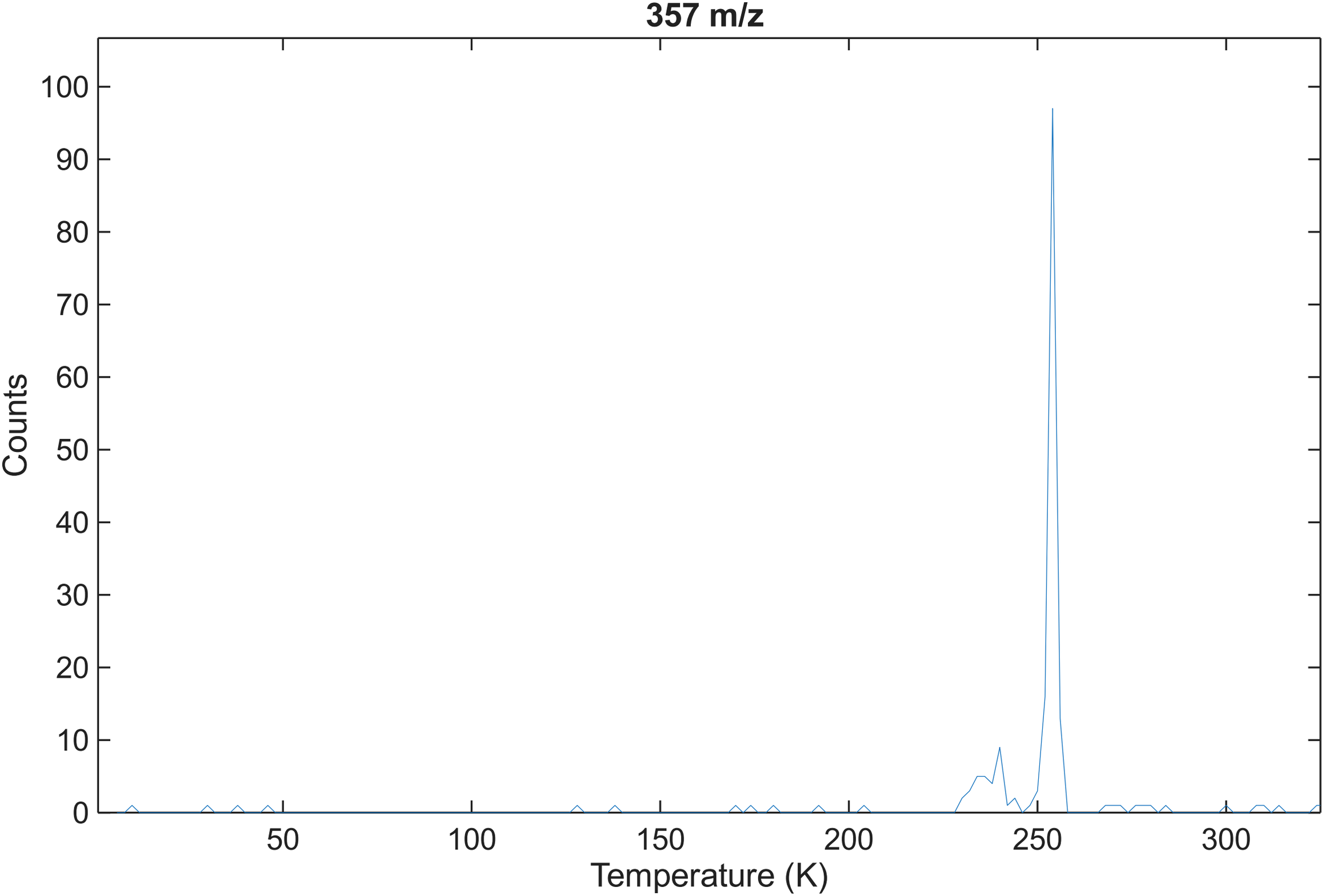
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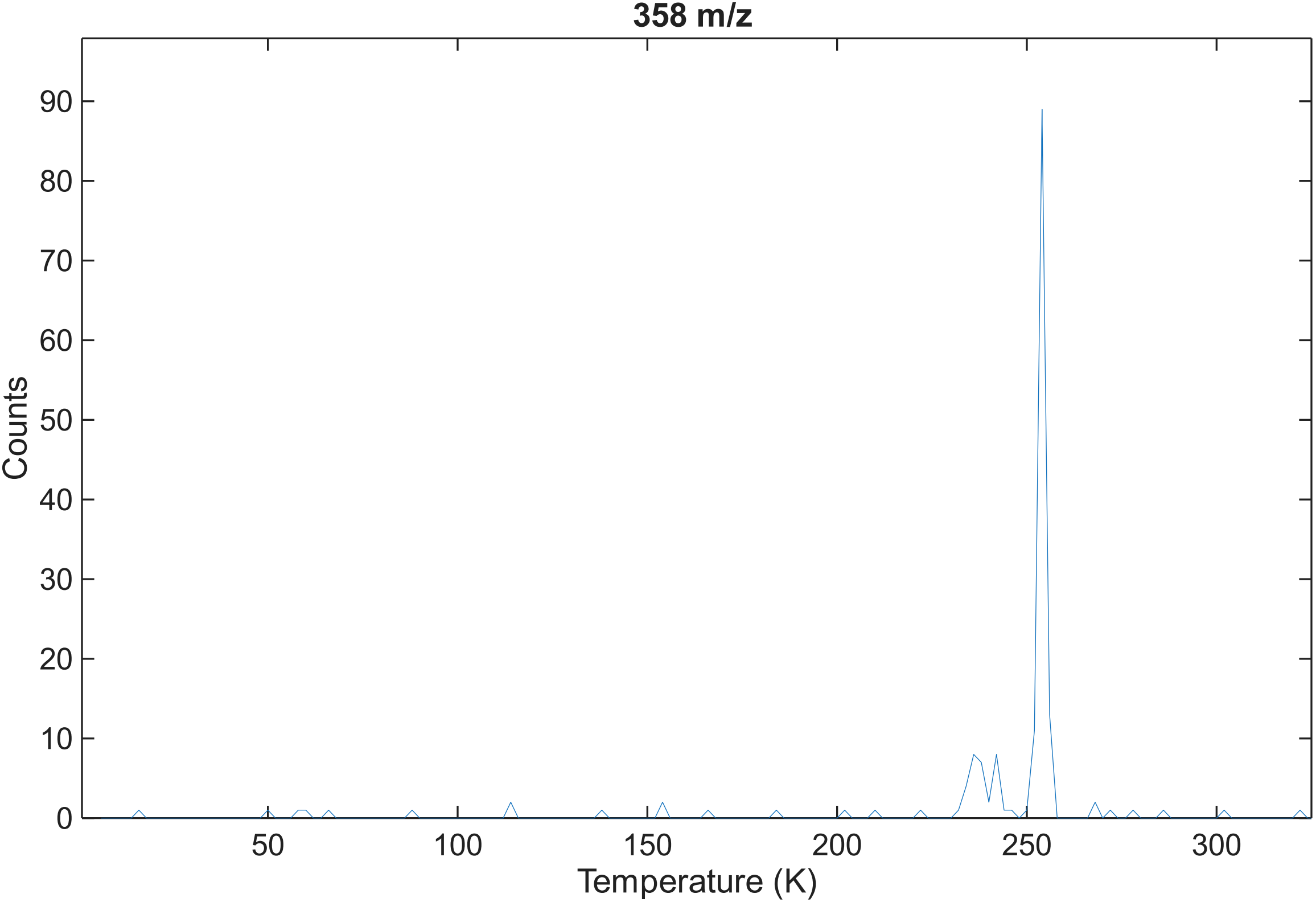
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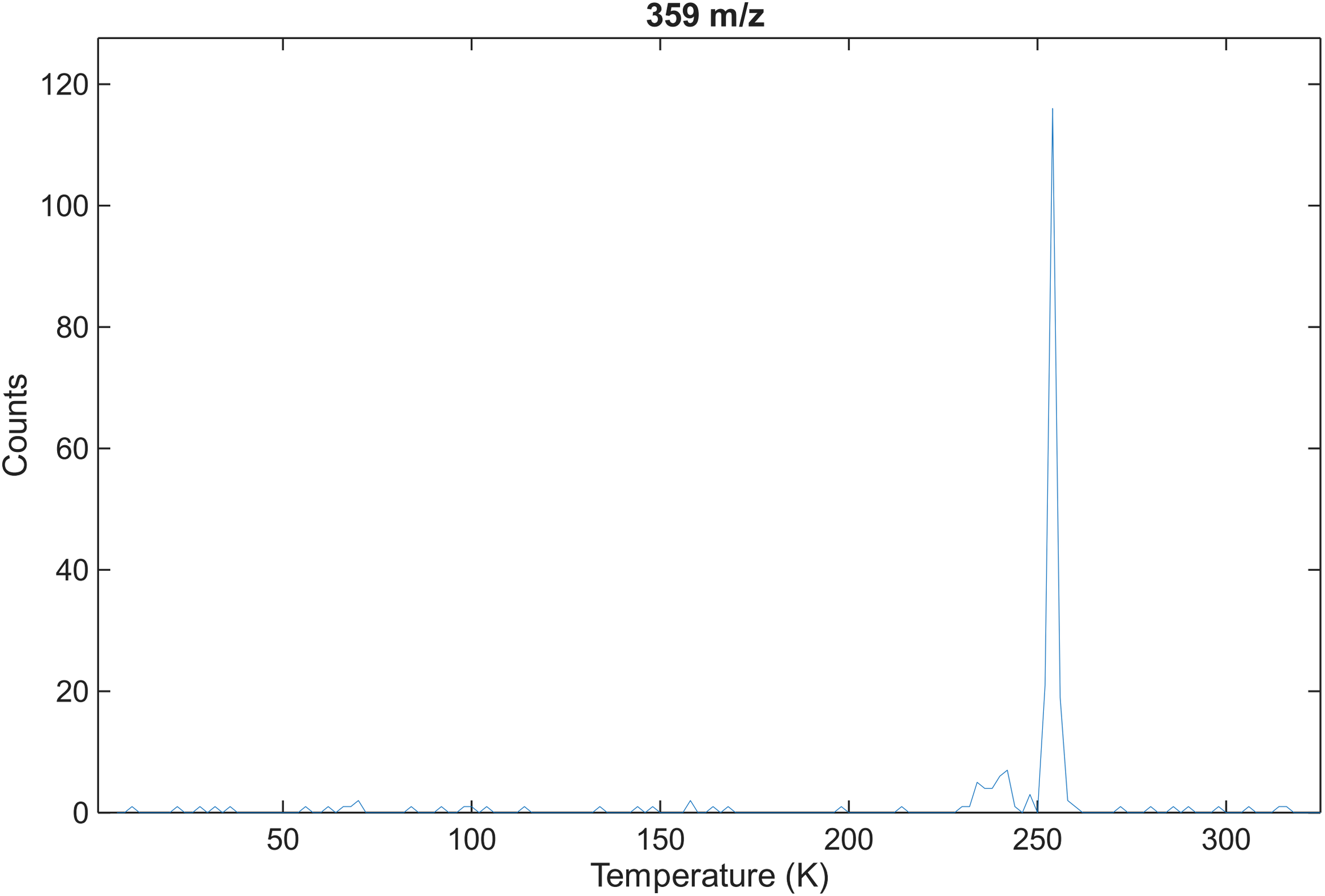
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Counts
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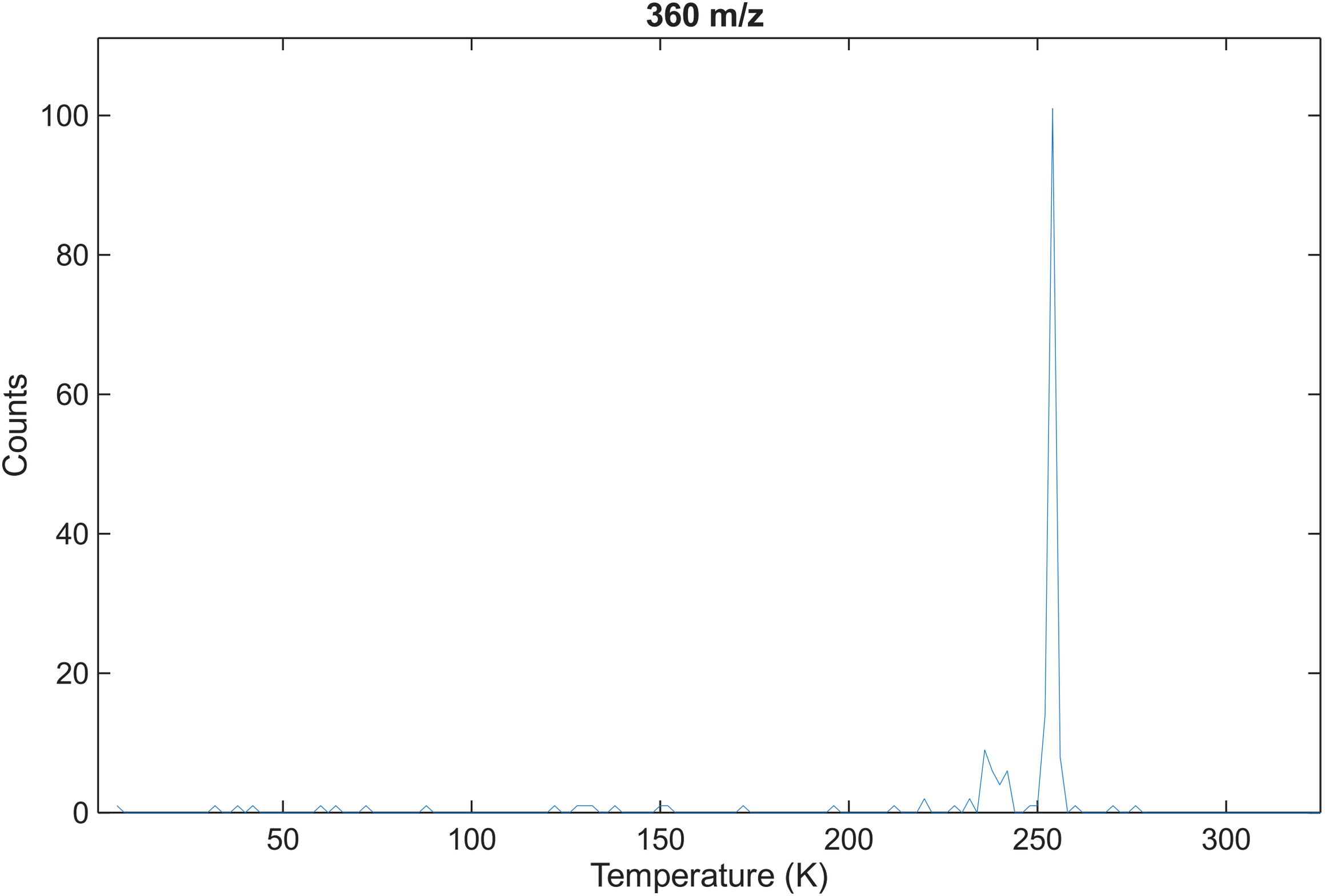
Temperature (K)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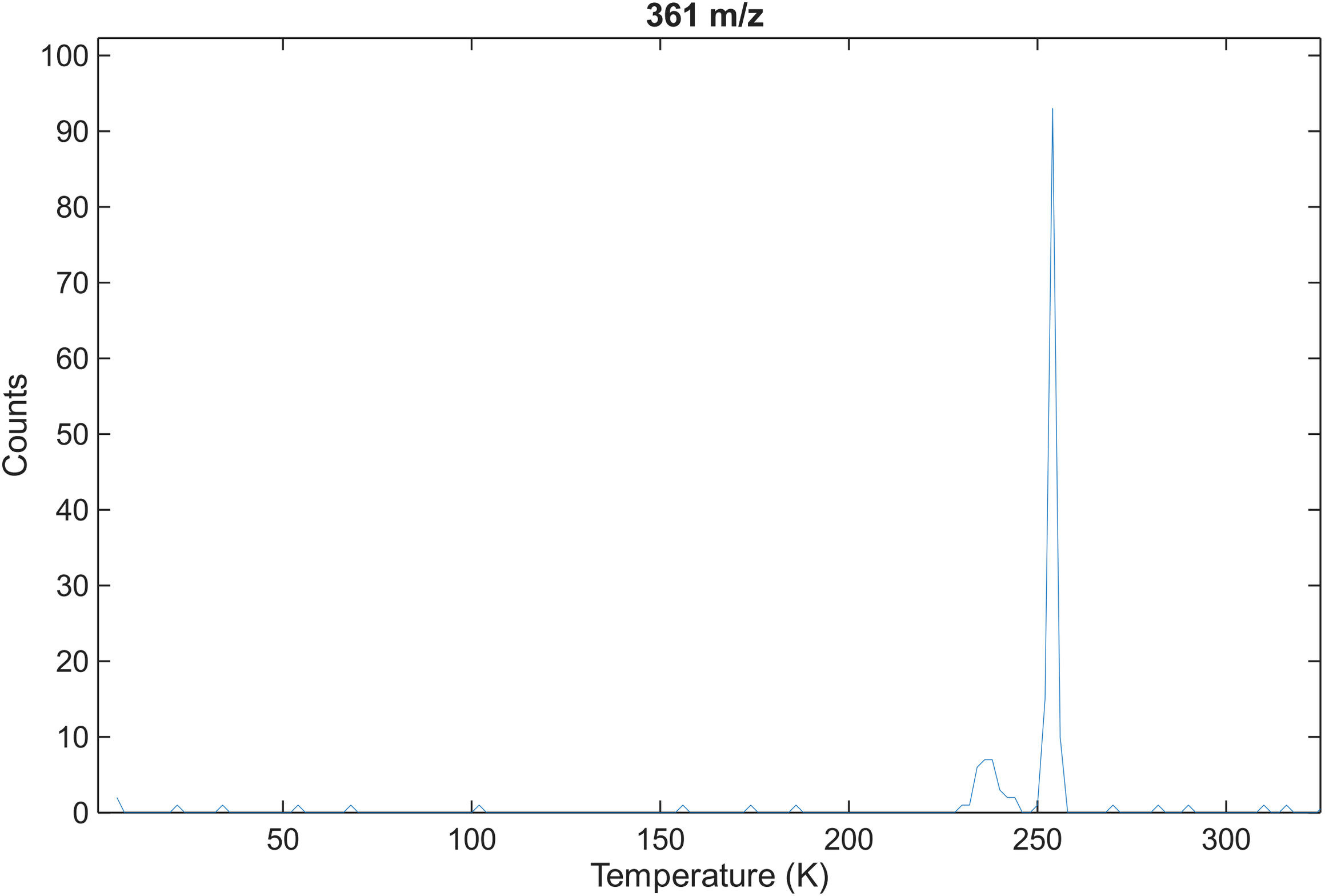
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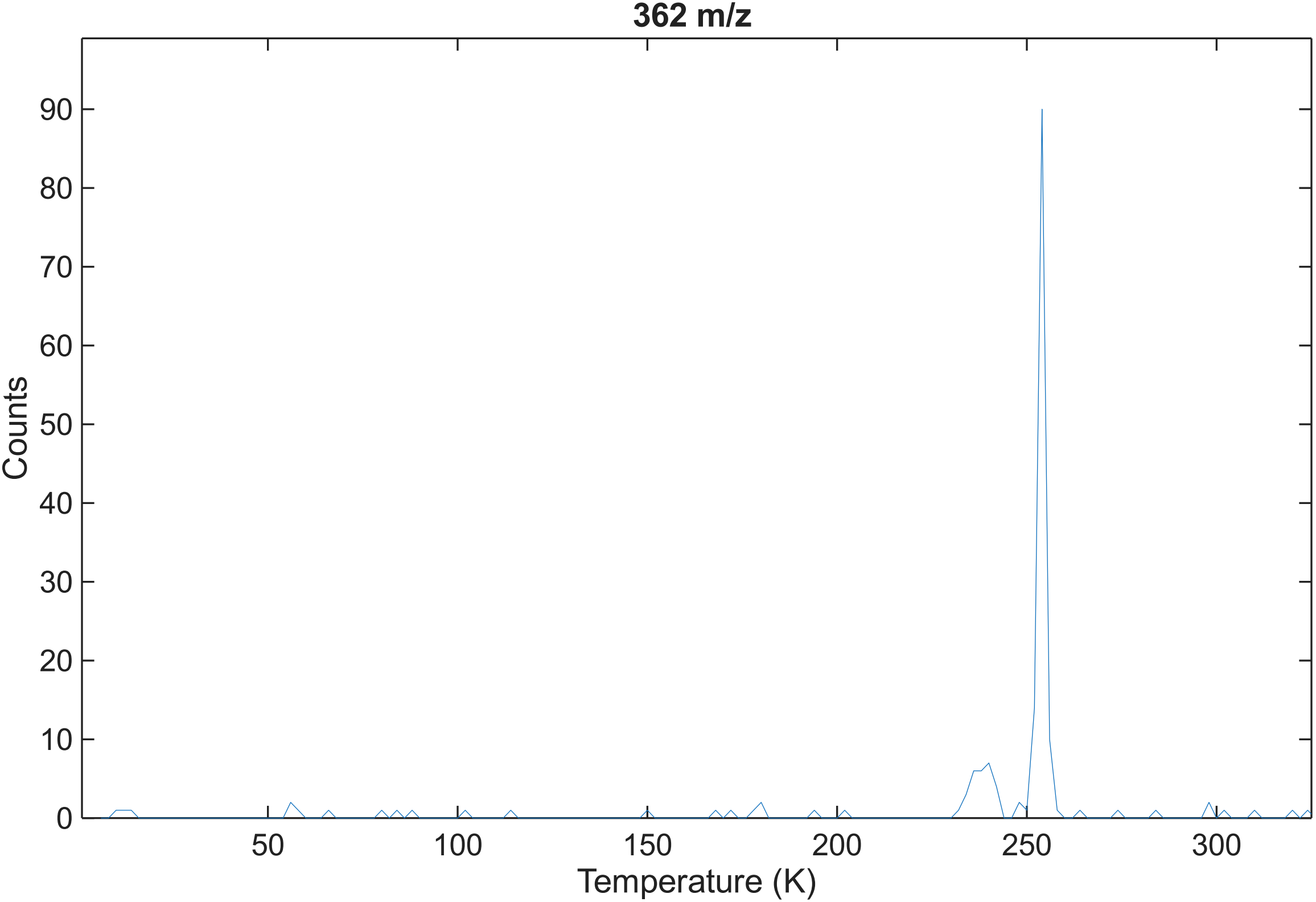
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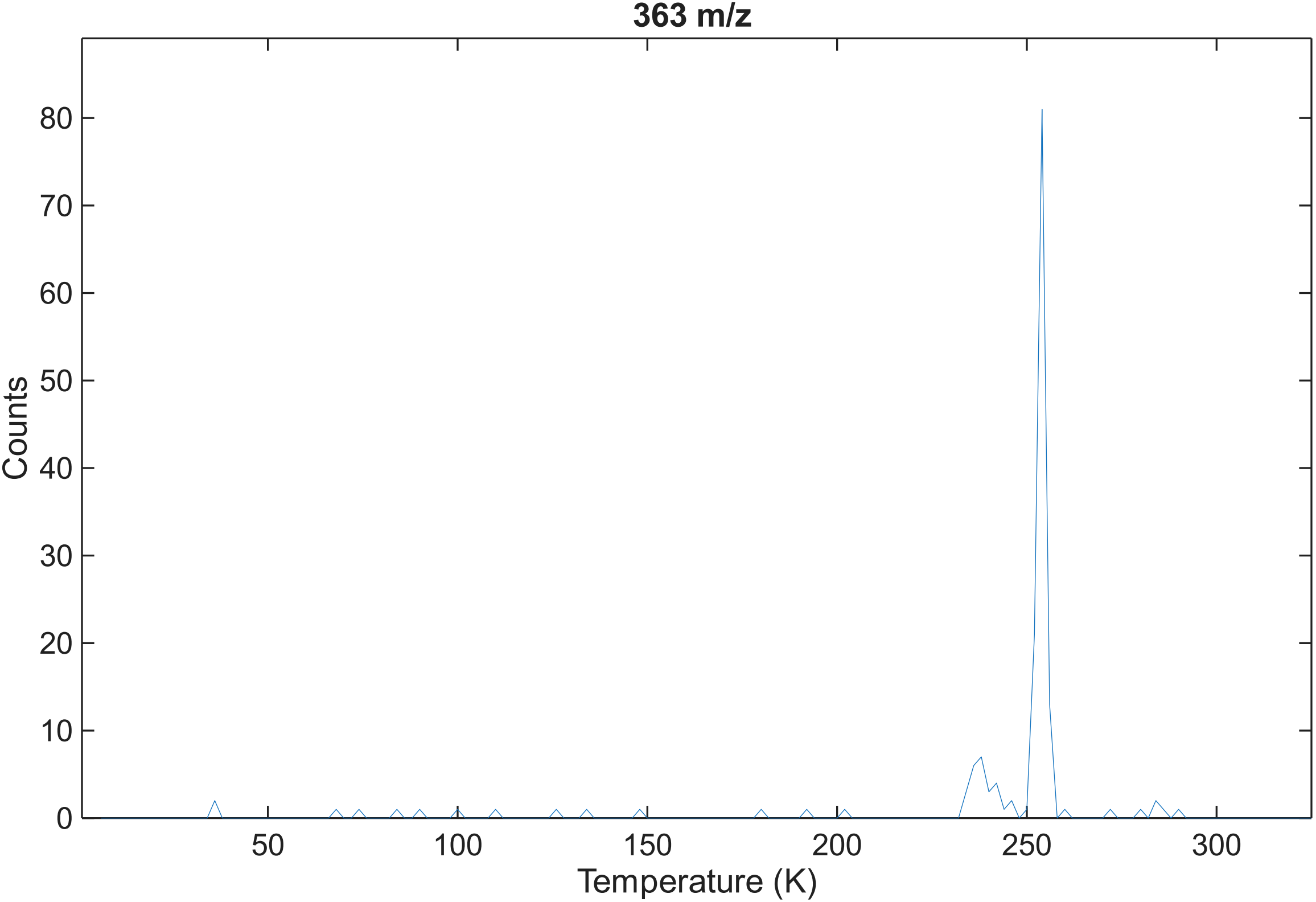
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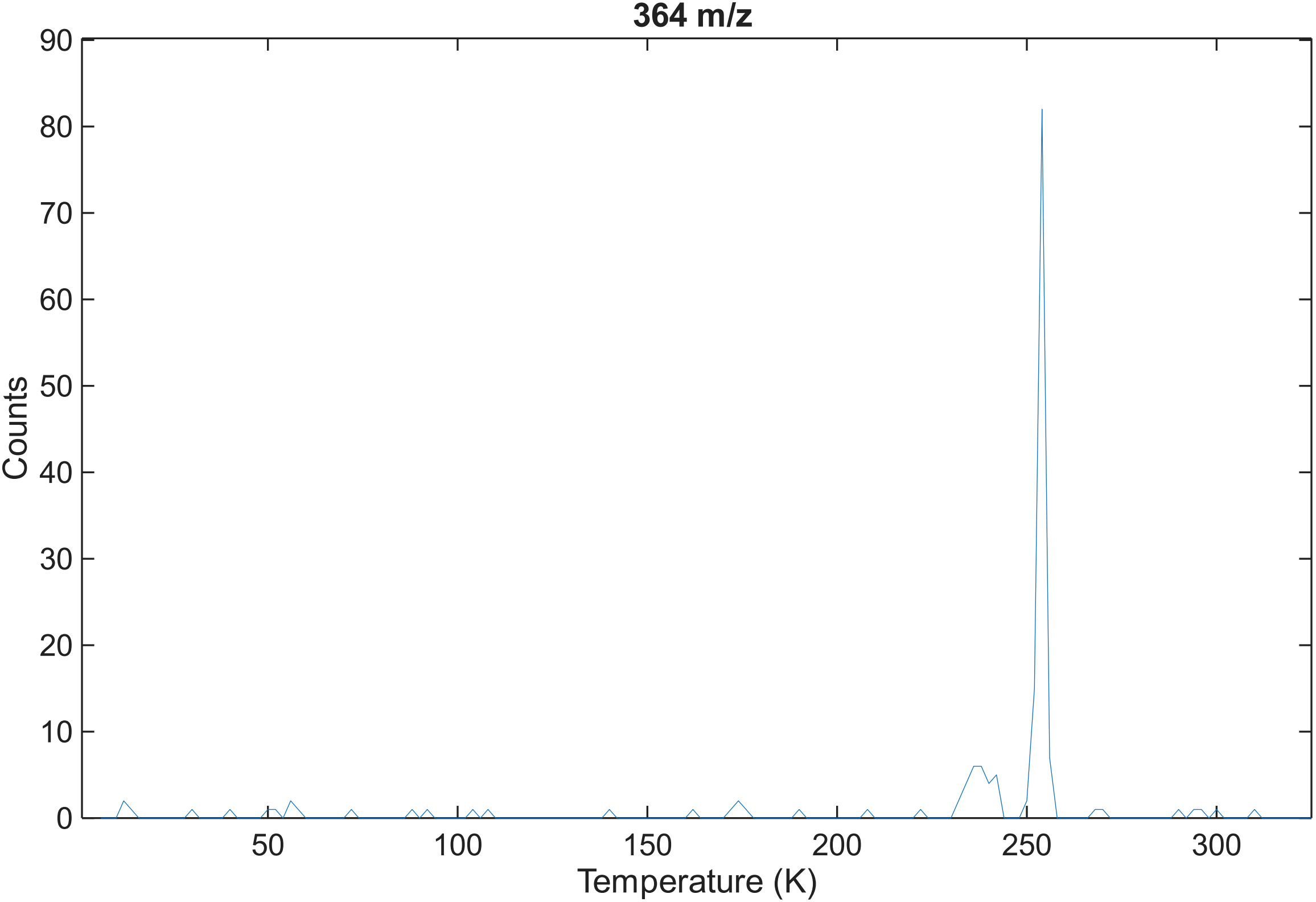
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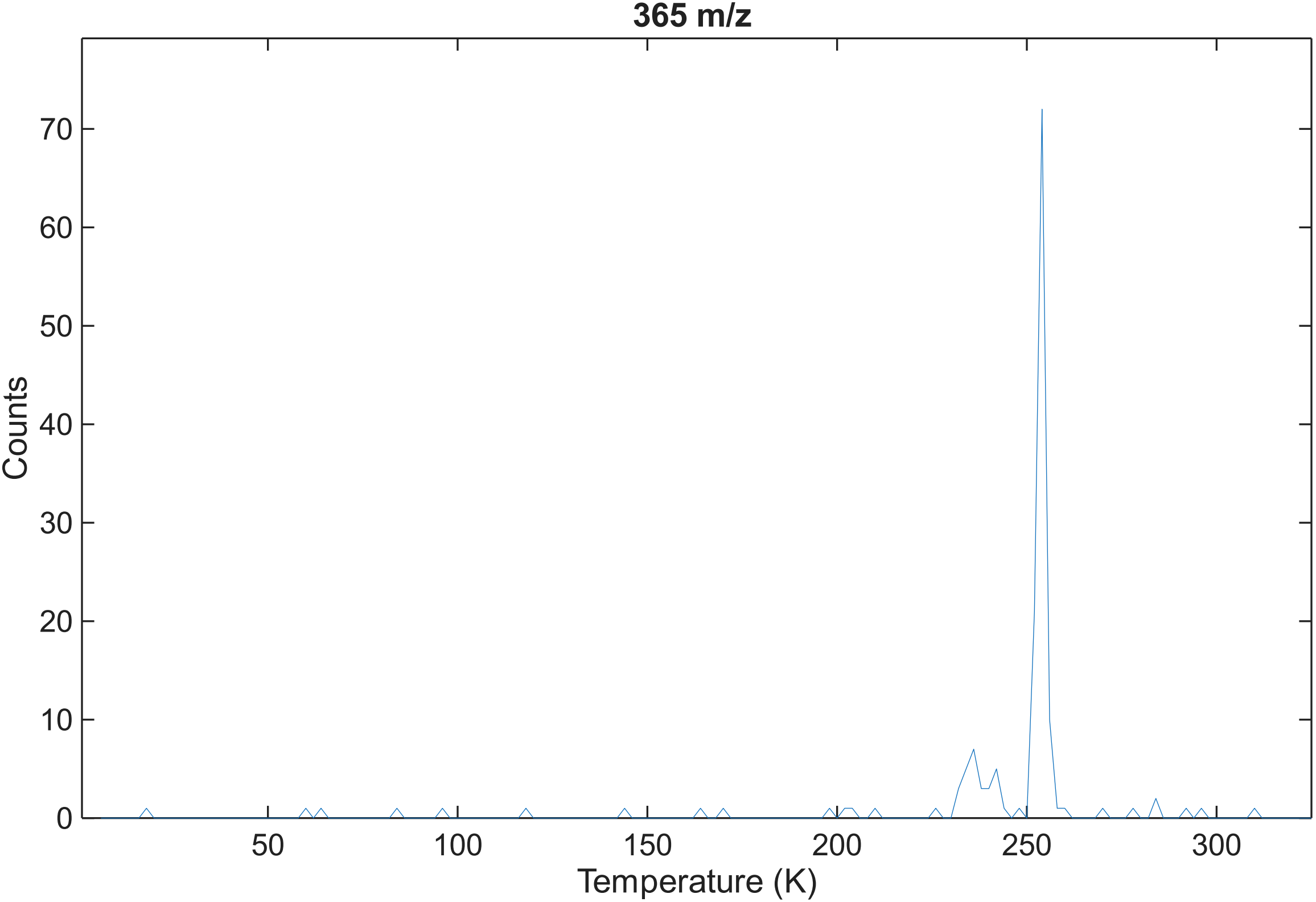
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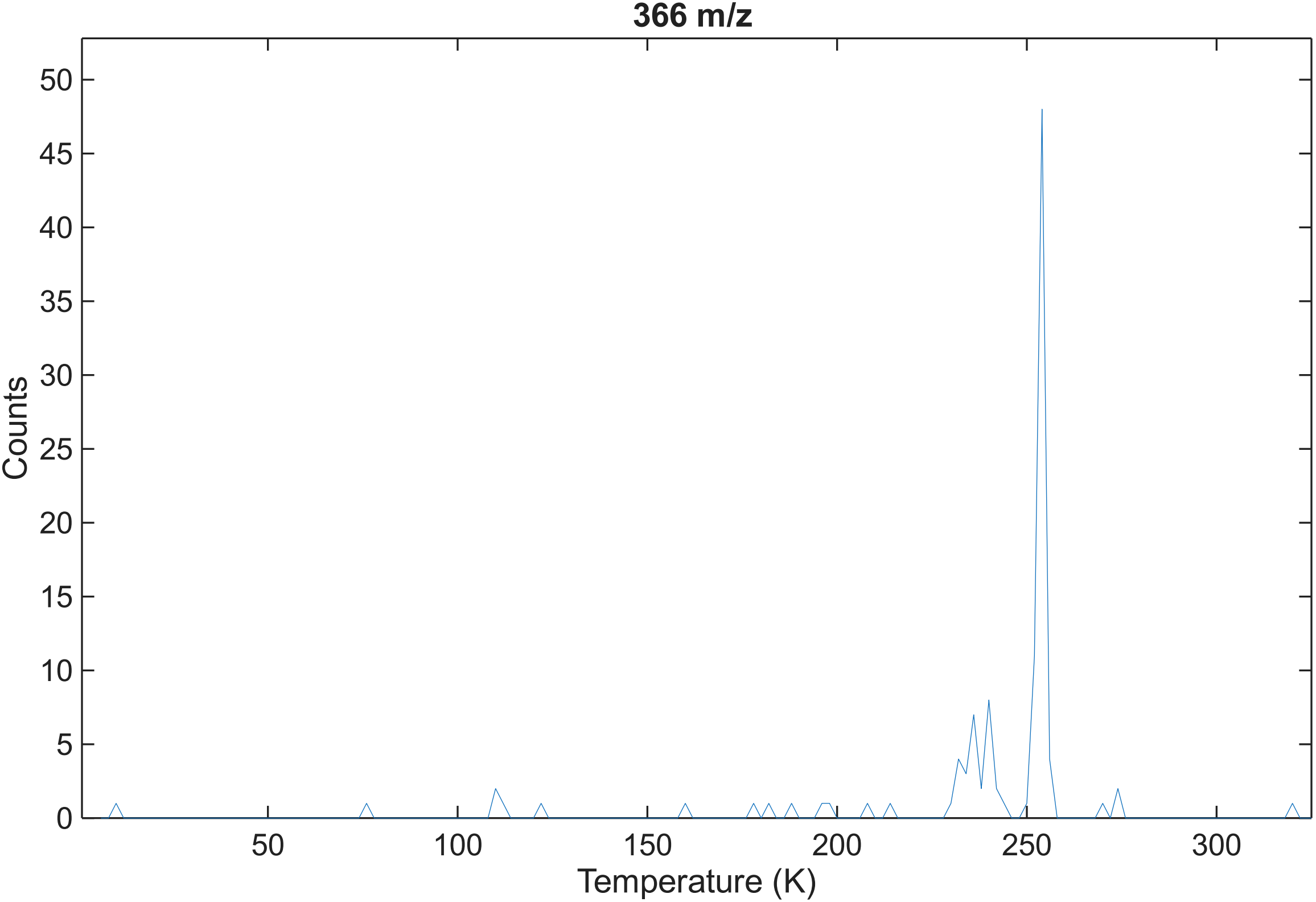
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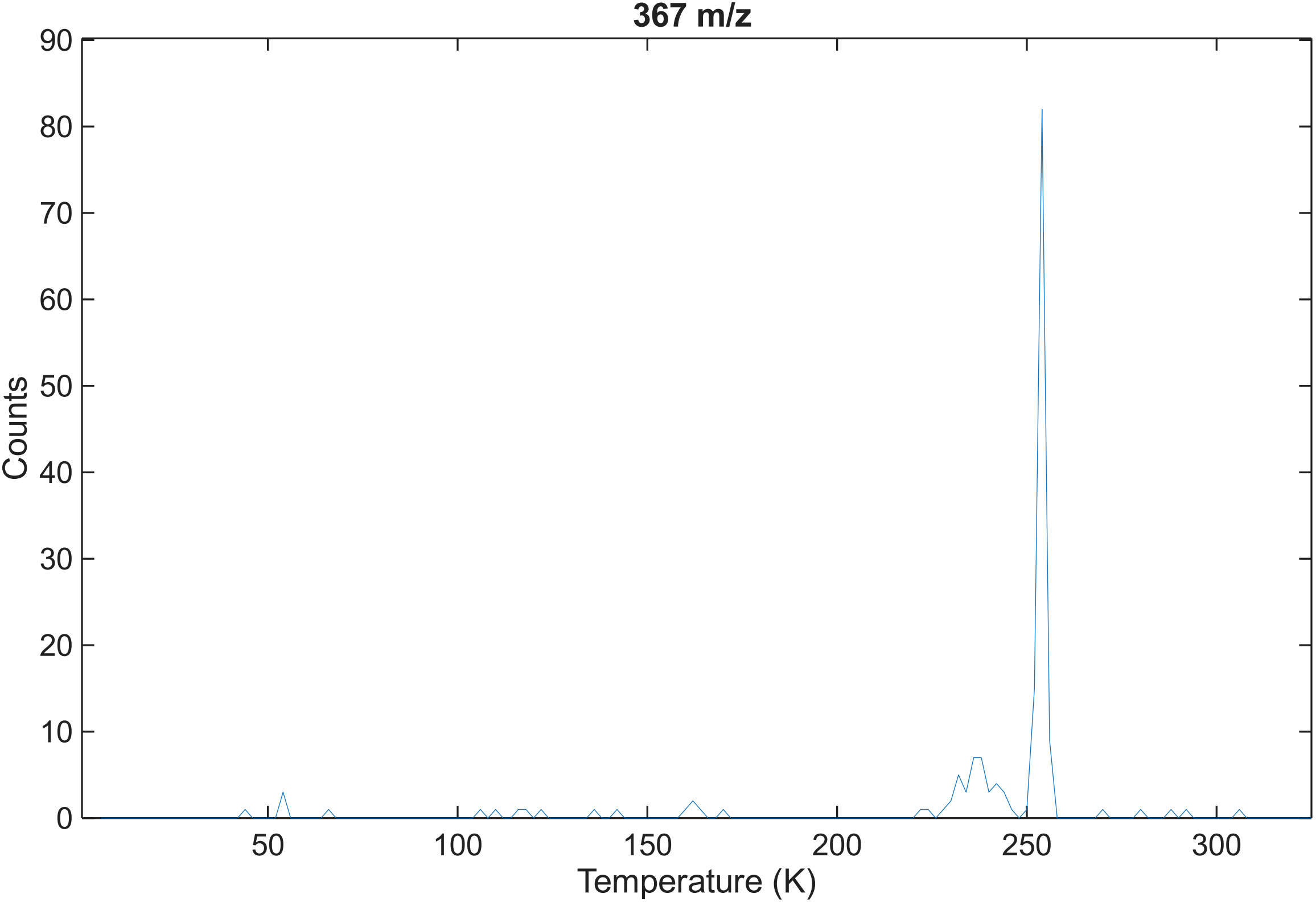
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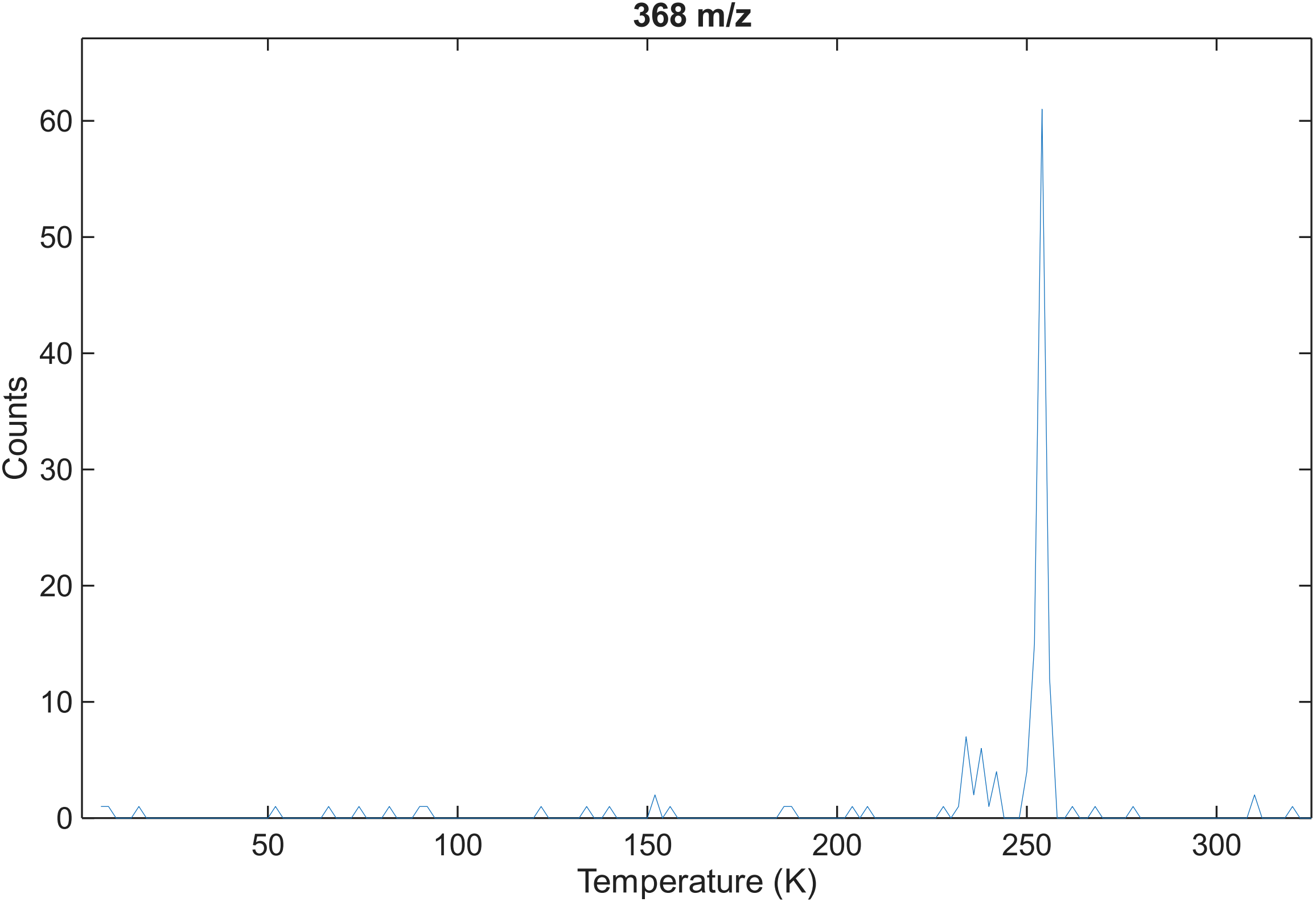
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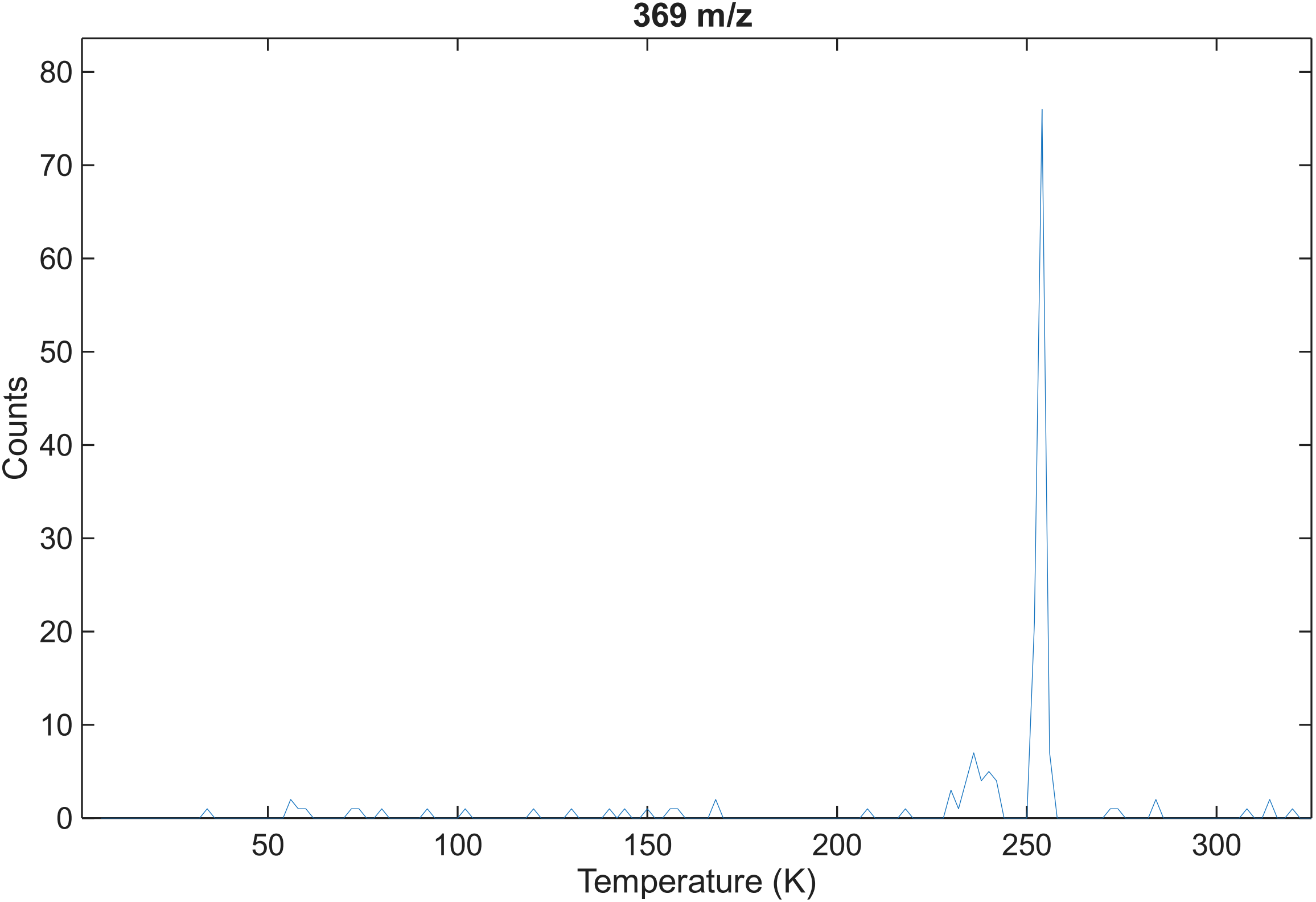
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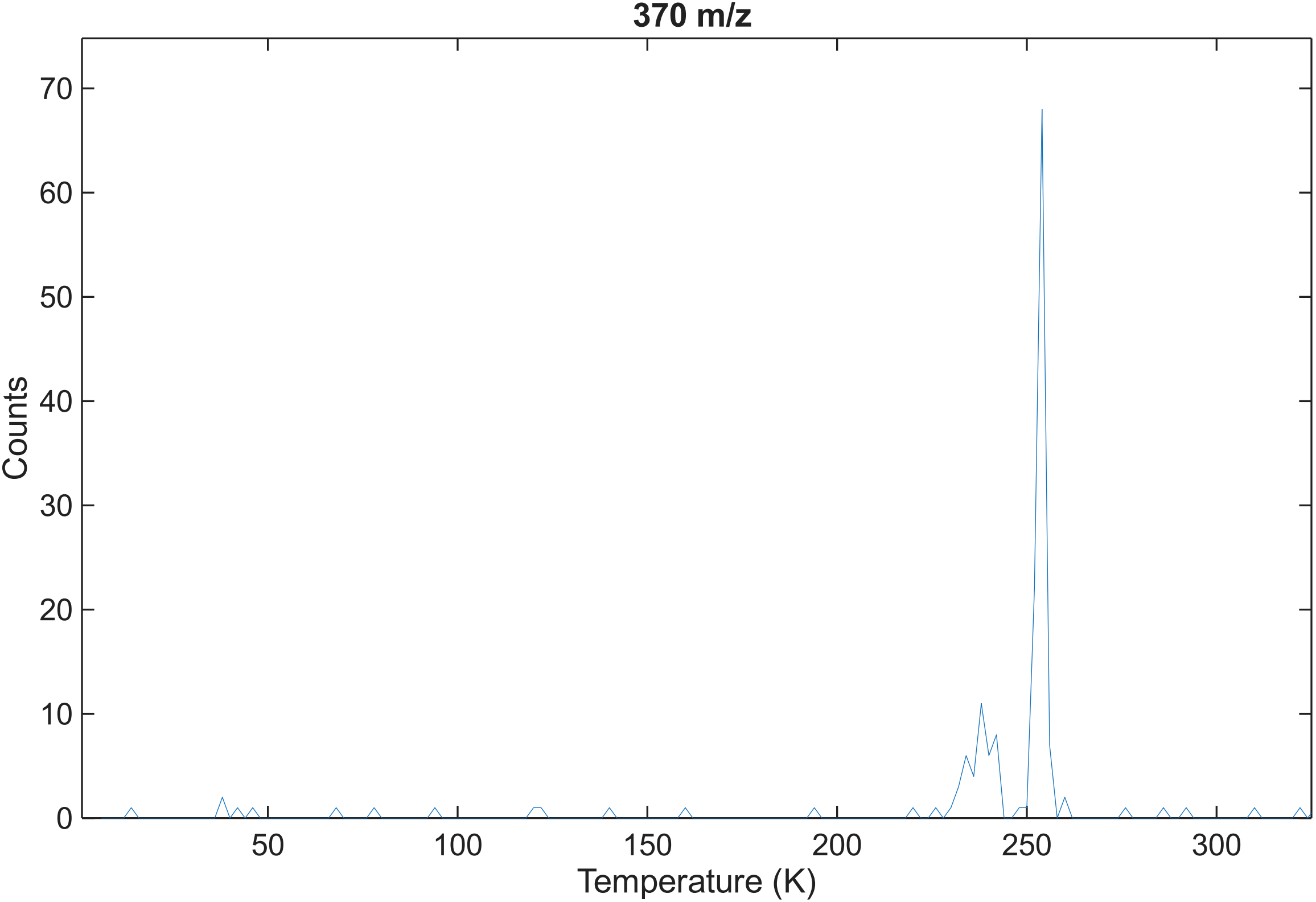
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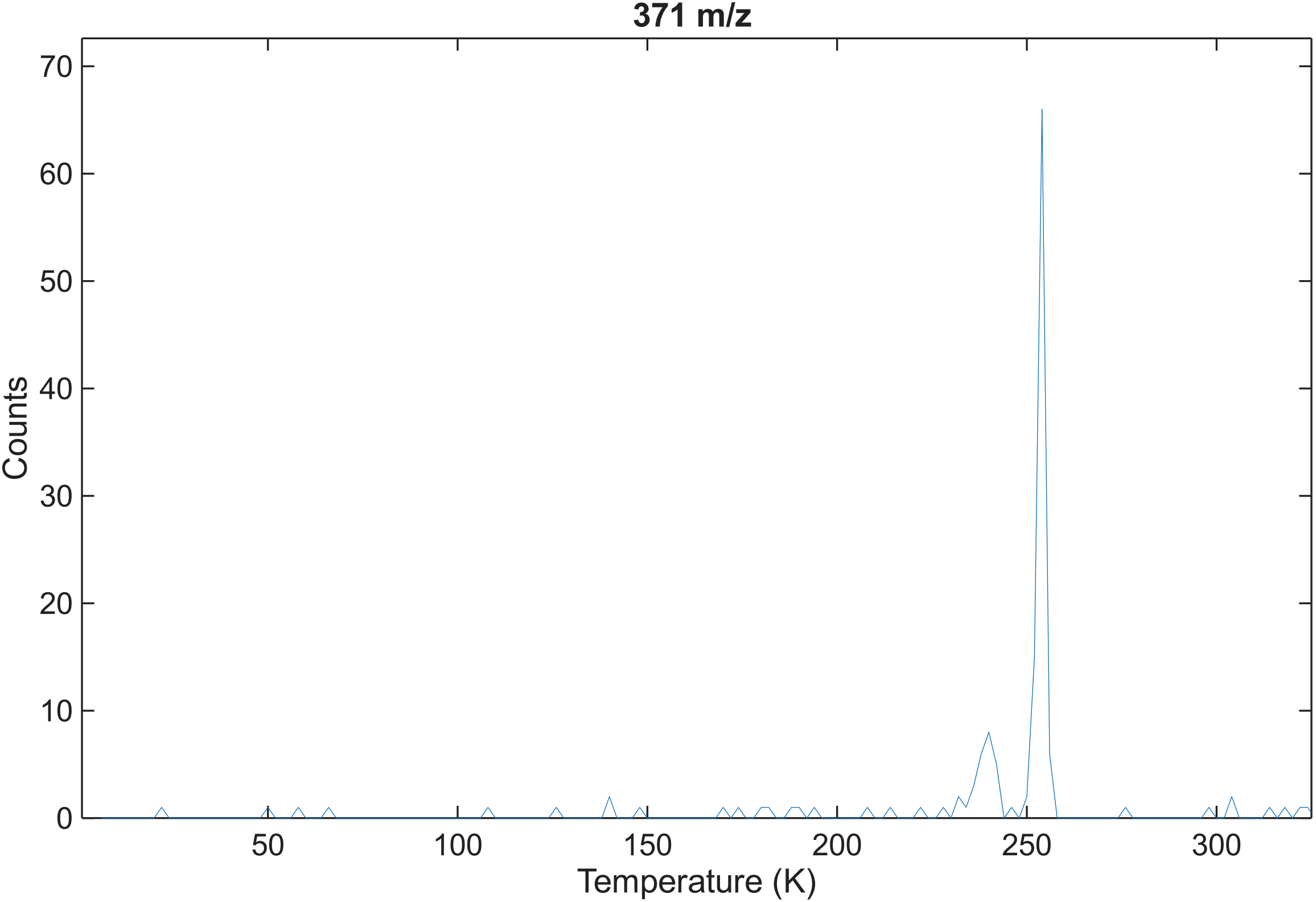
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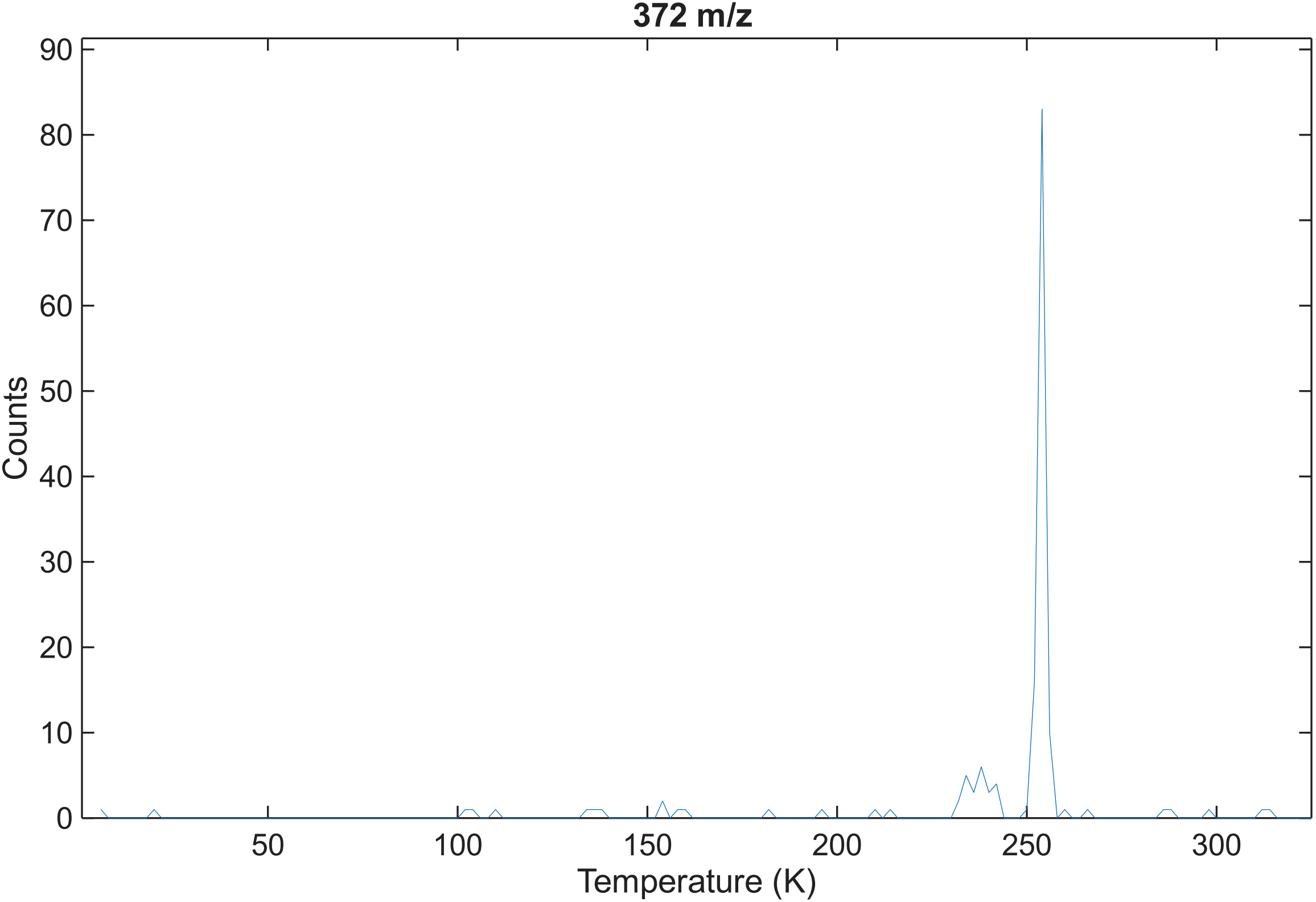
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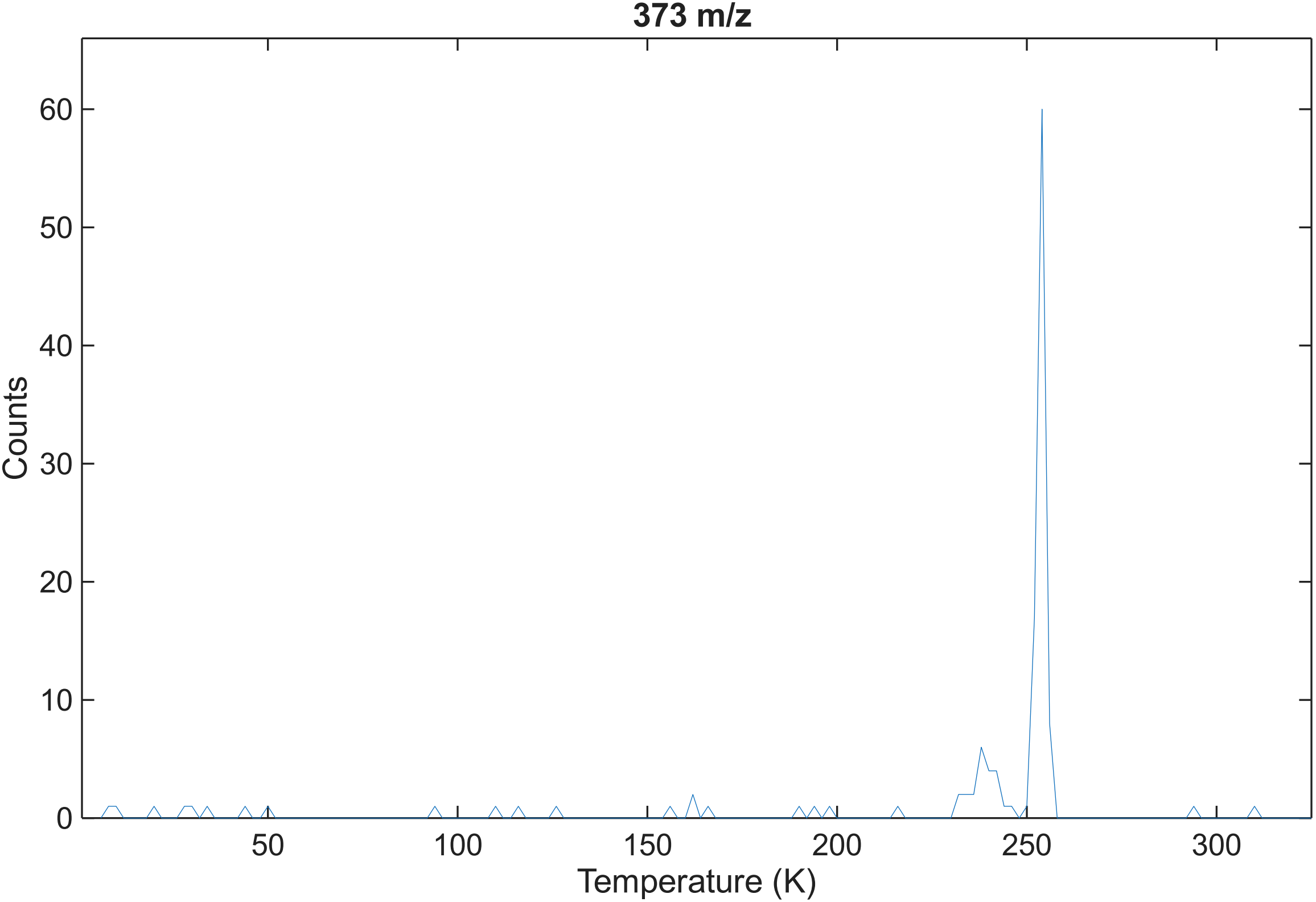
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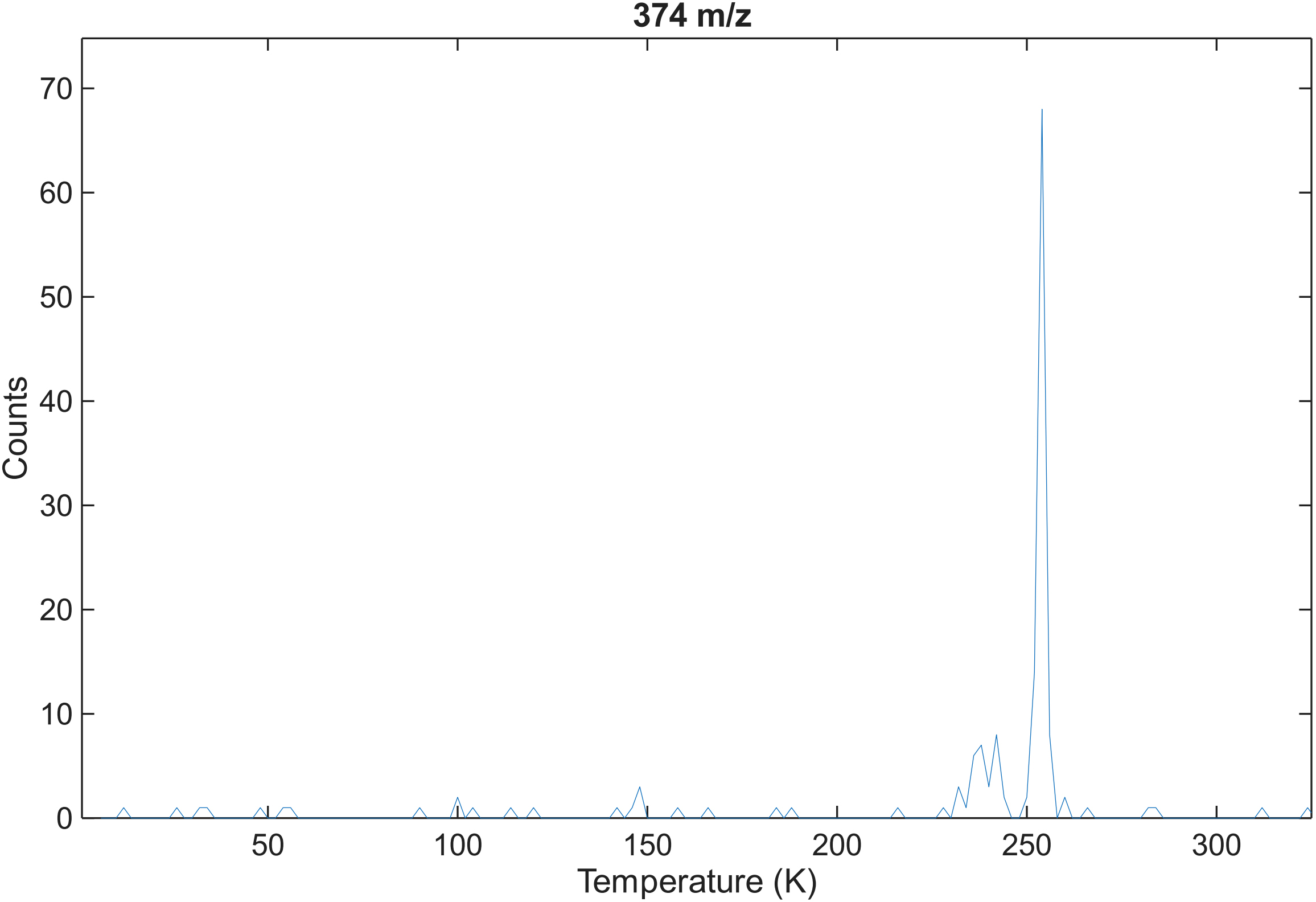
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Temperature (K)
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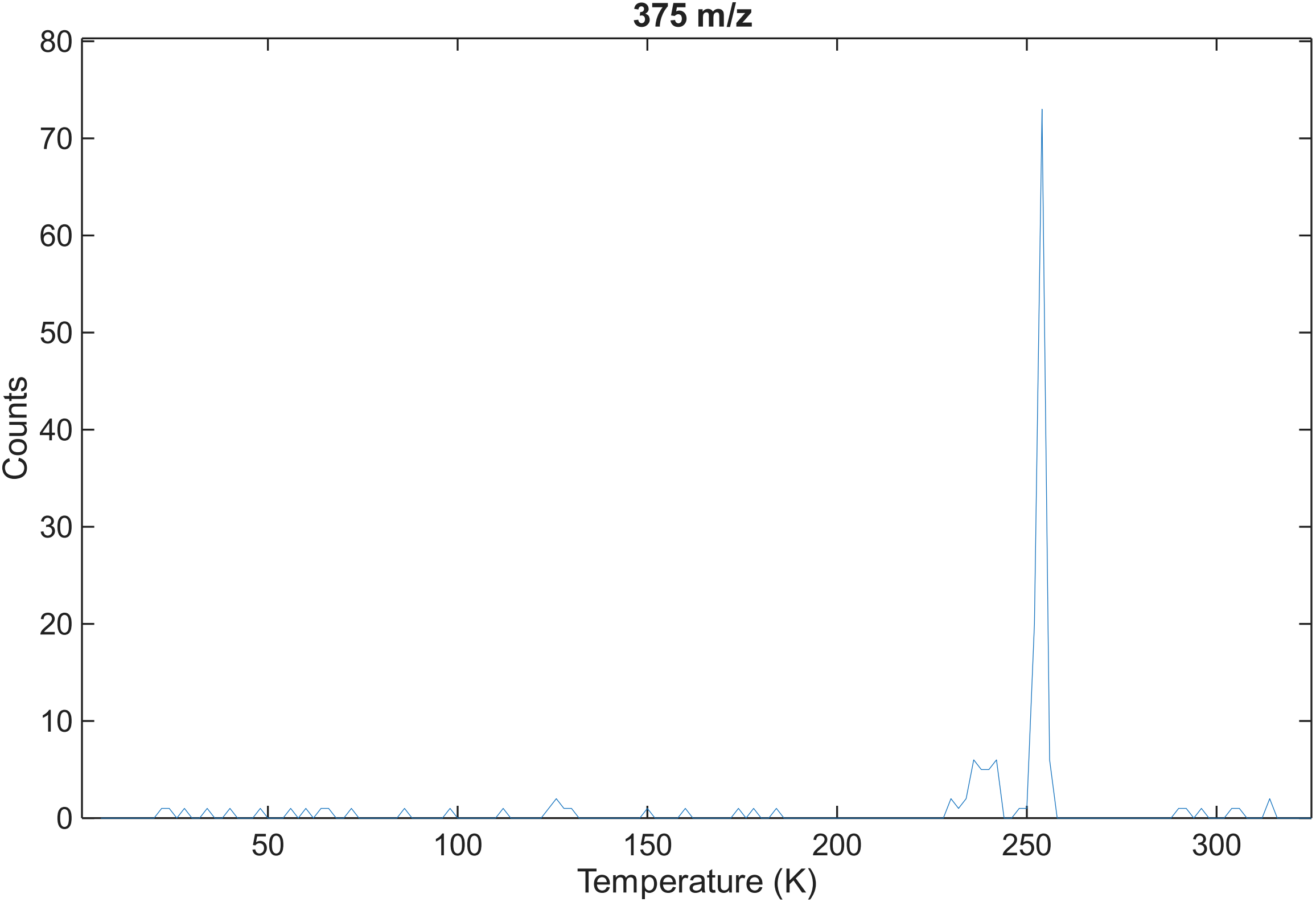
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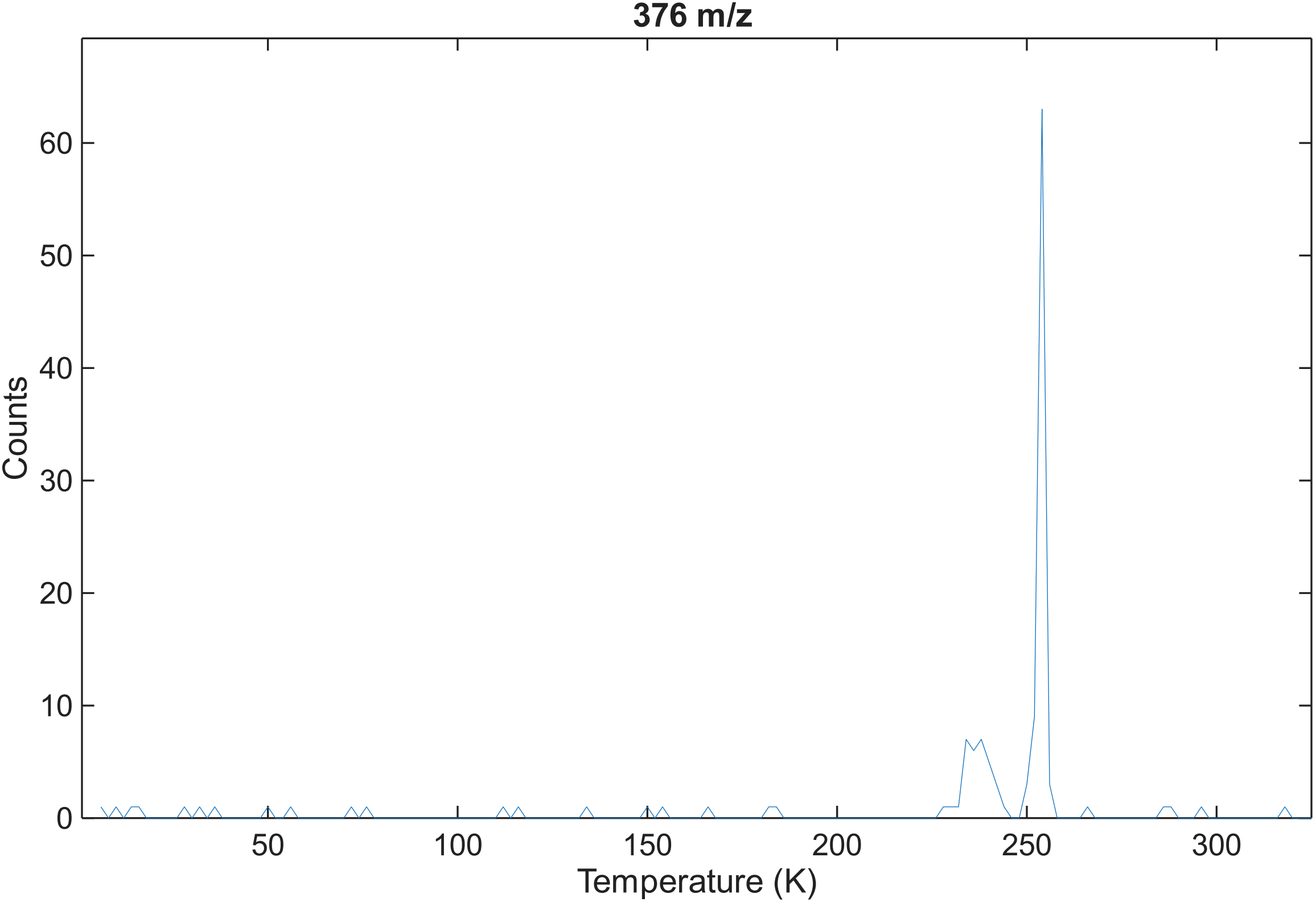
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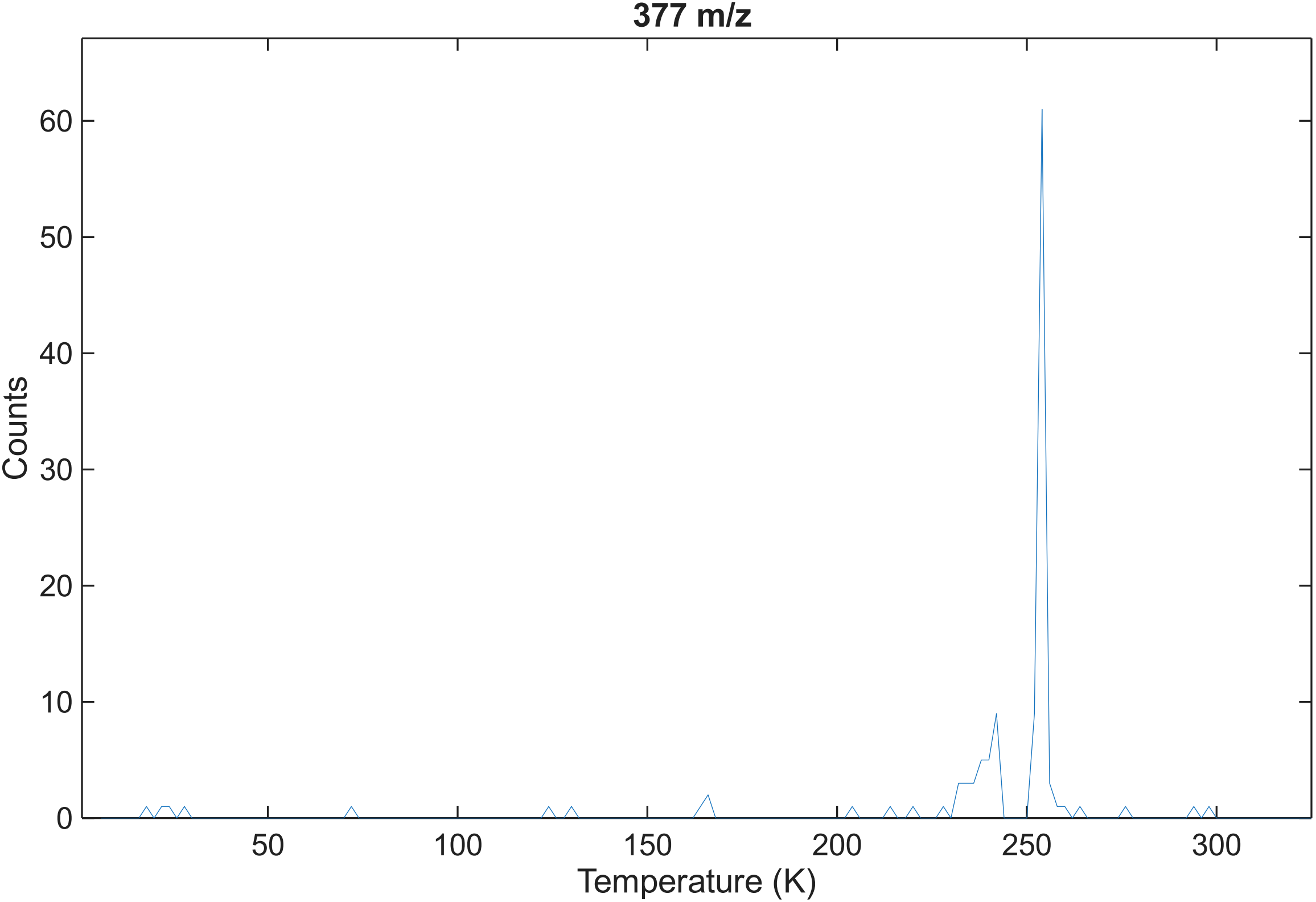
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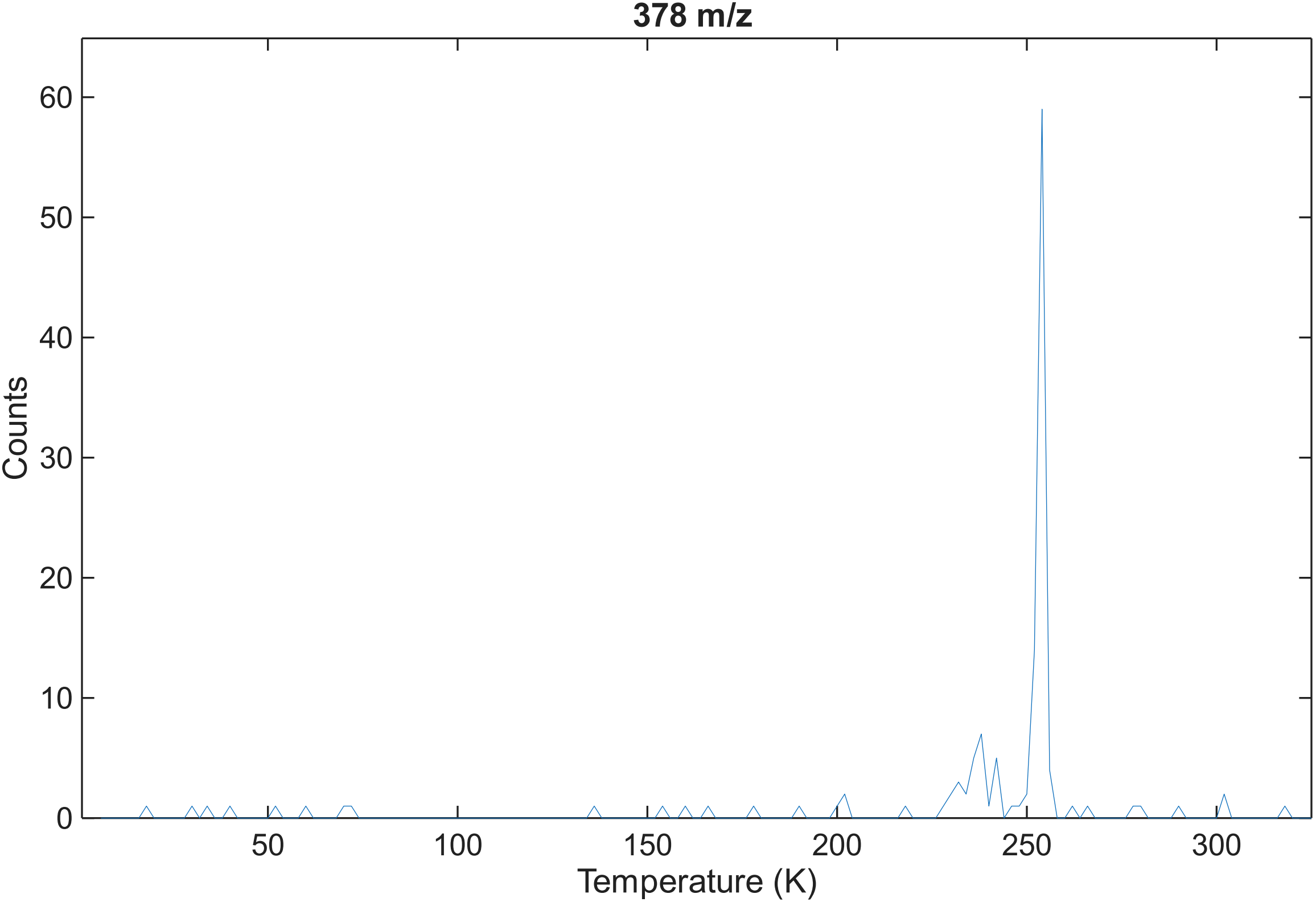
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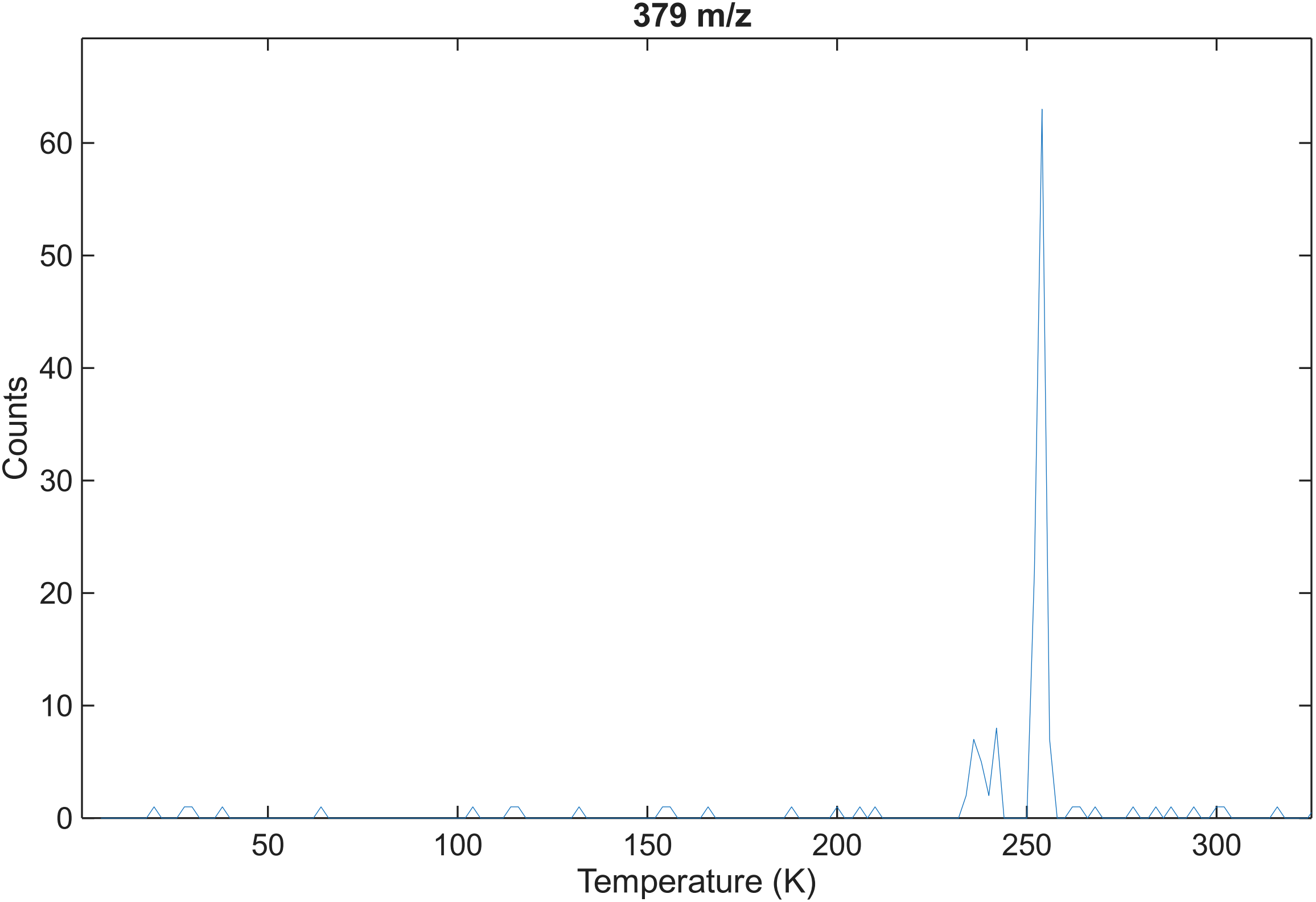
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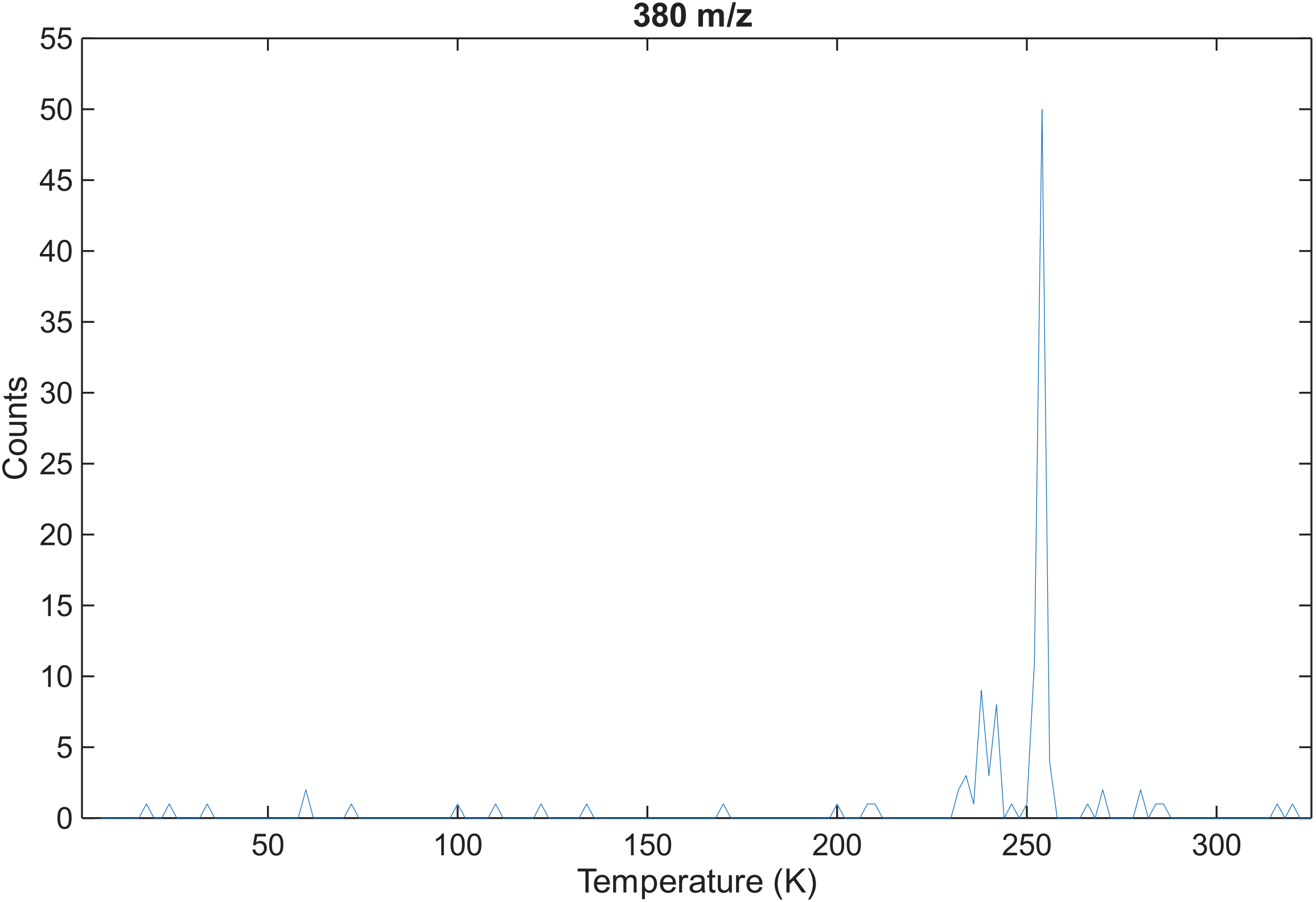
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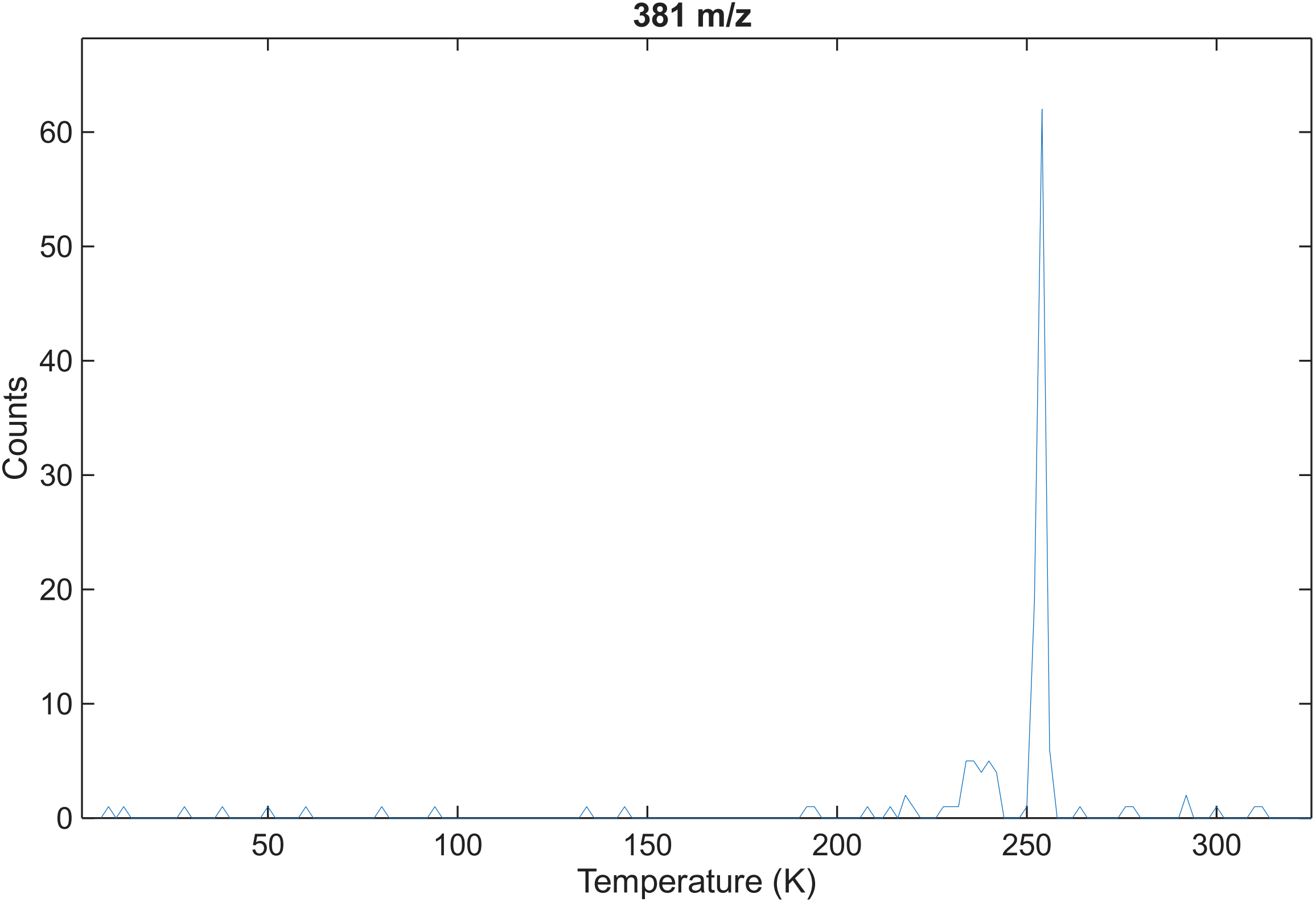
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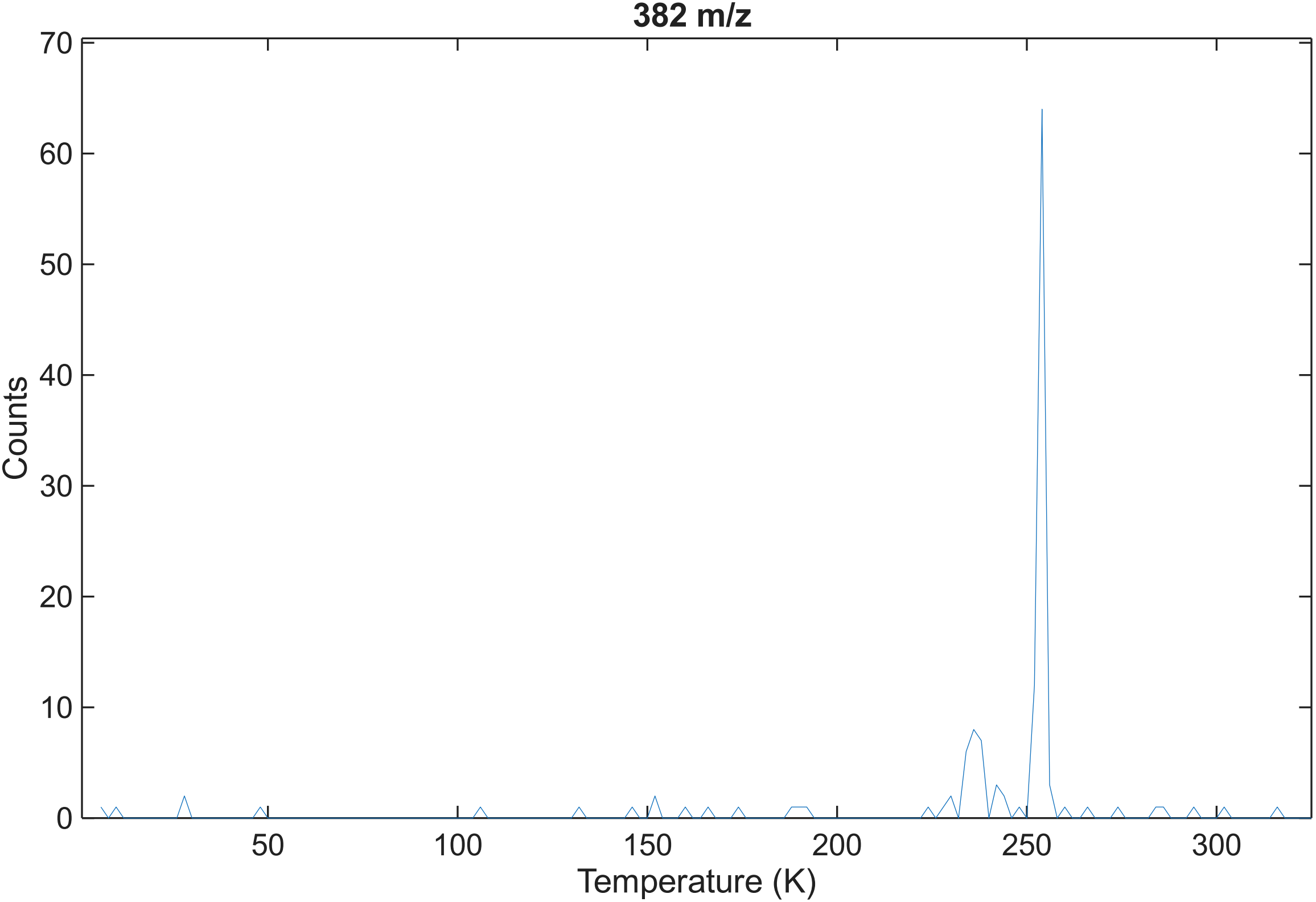
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Counts
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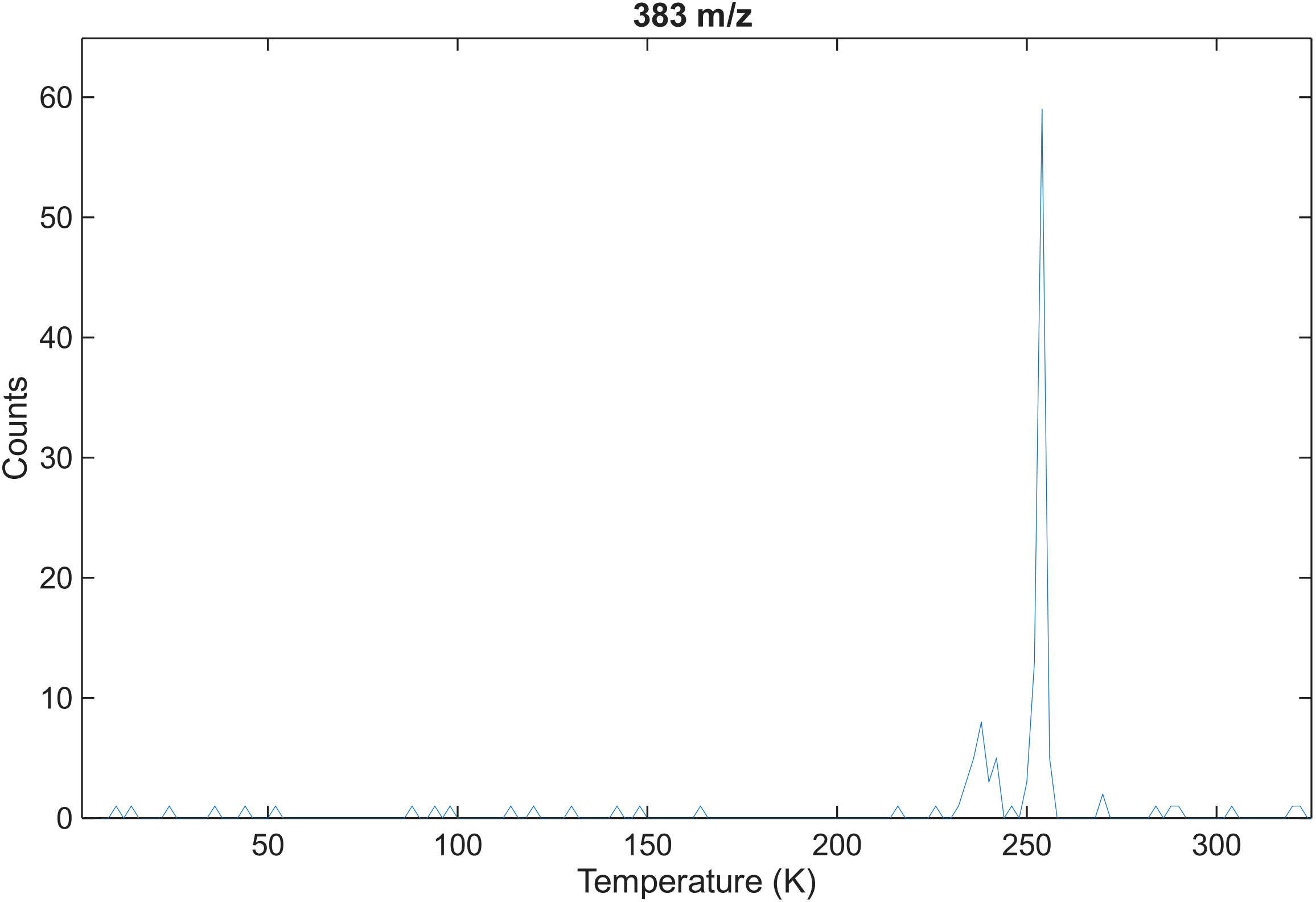
Temperature (K)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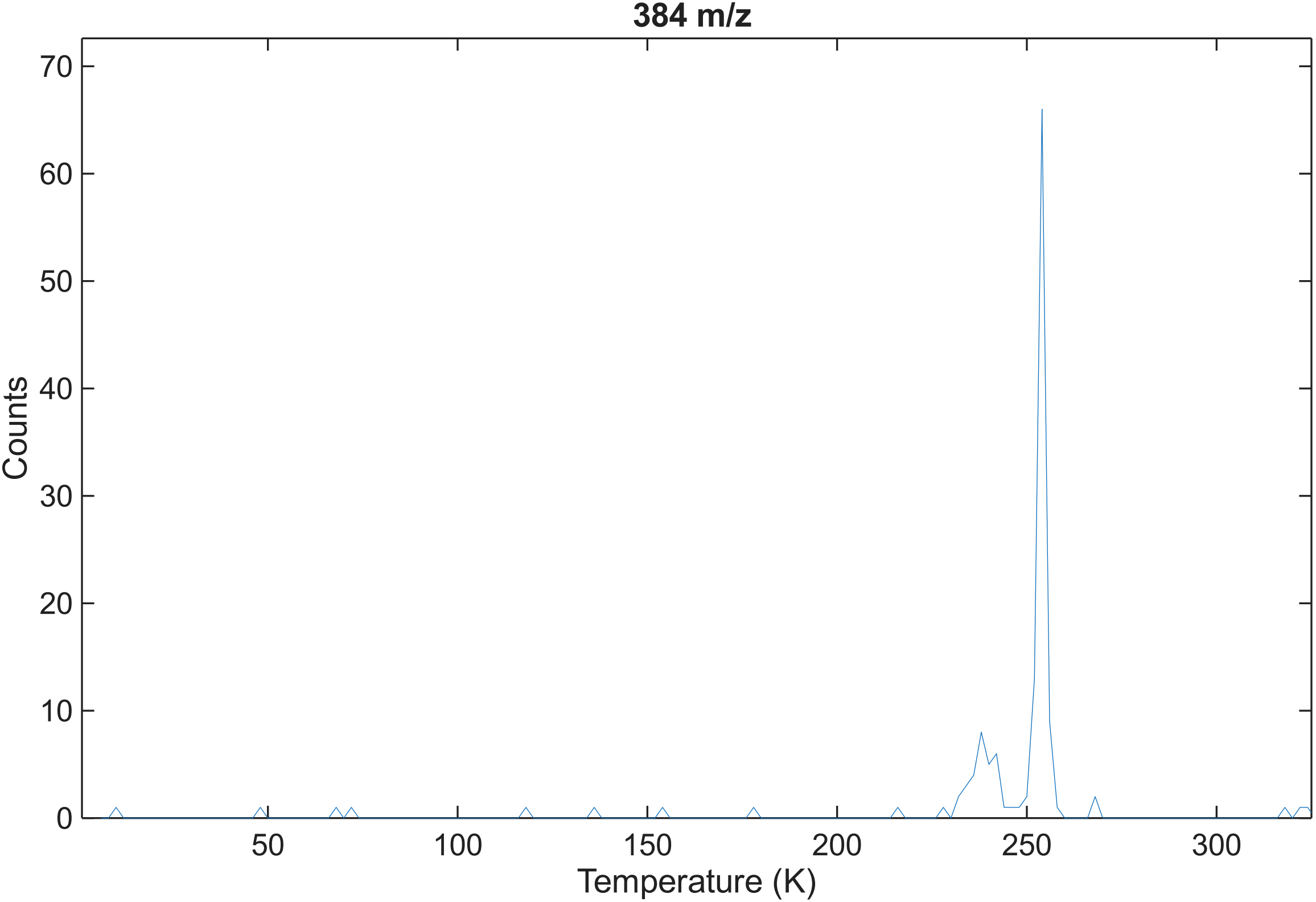
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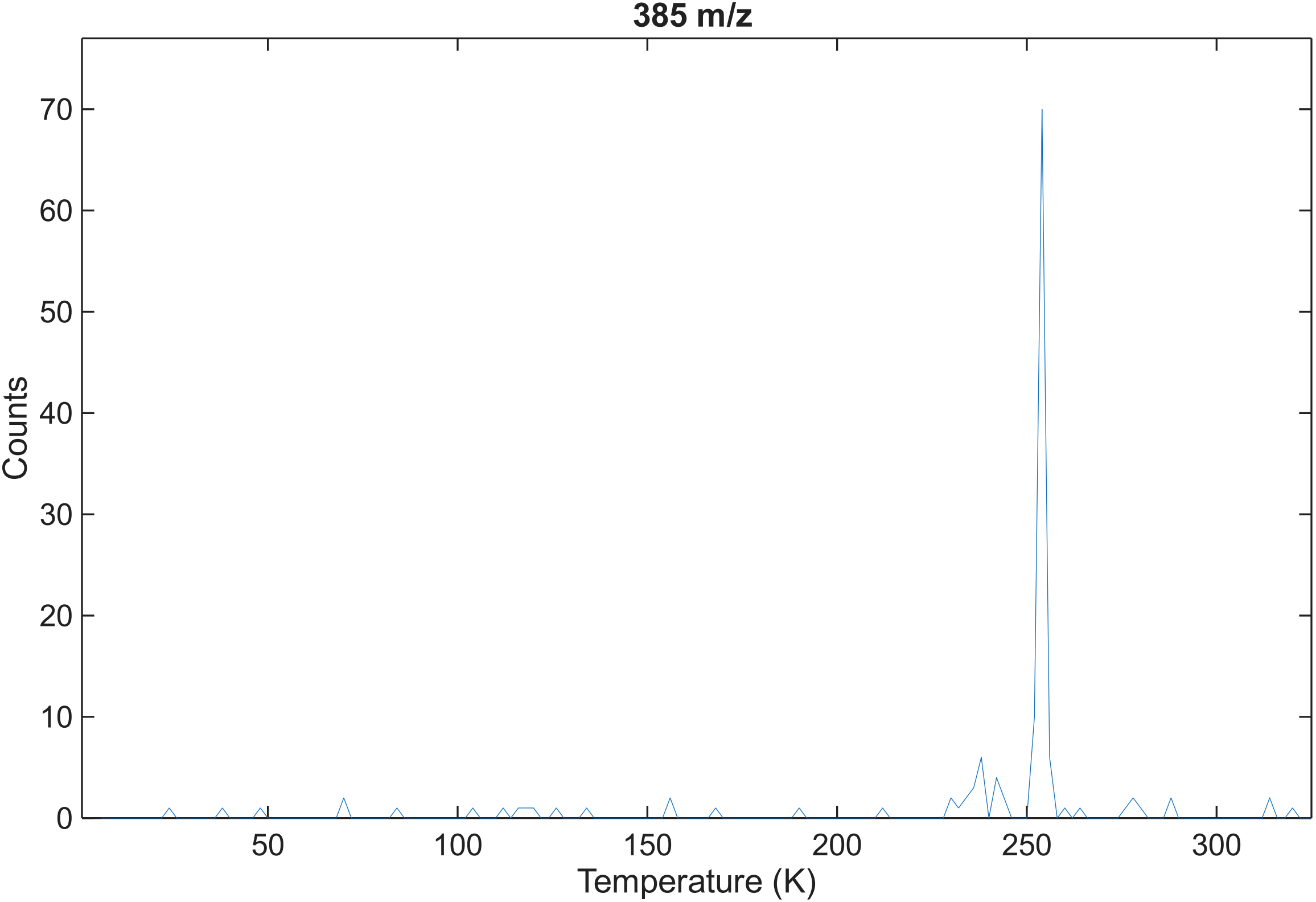
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Counts
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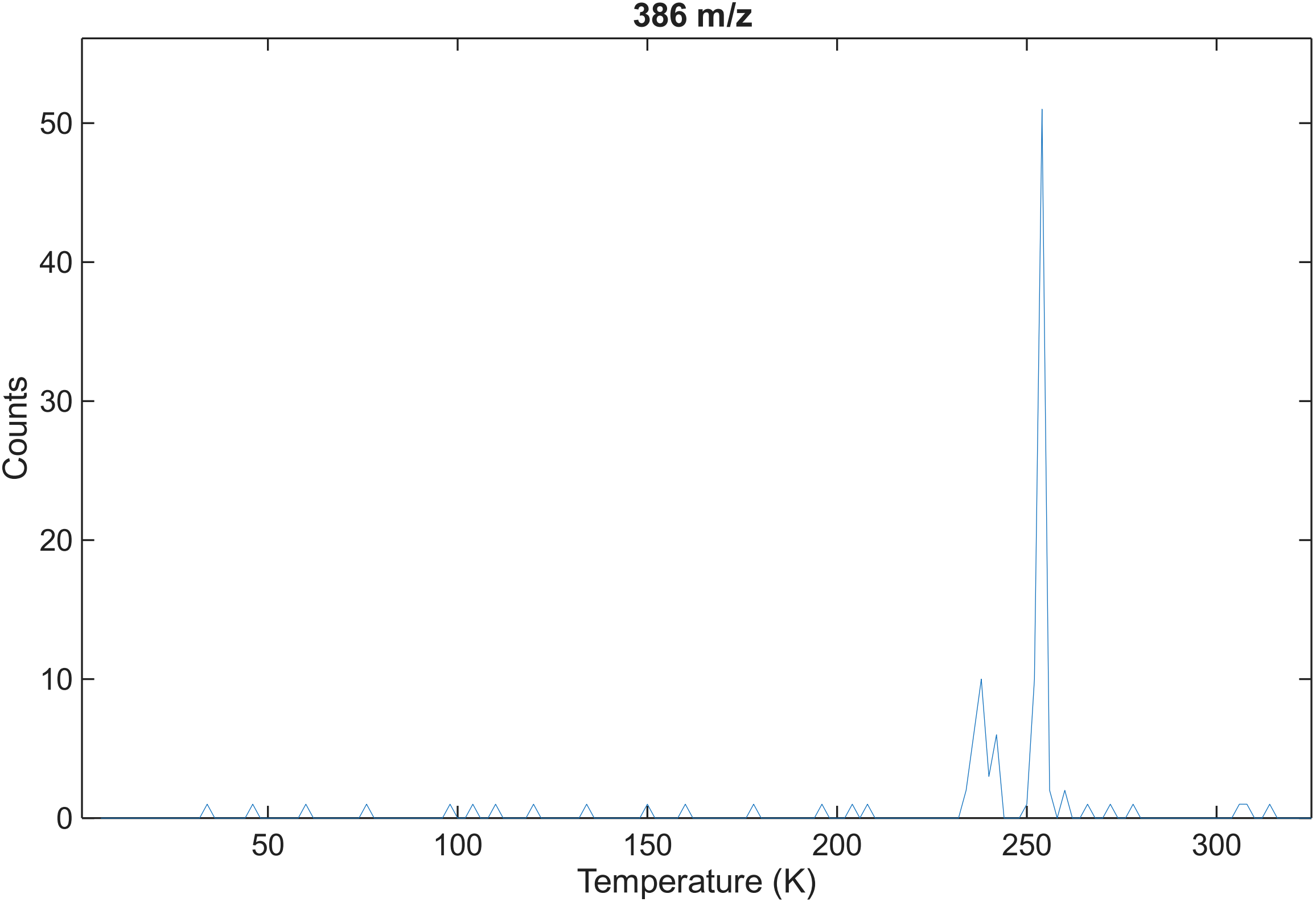
386 m/z
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Temperature (K)
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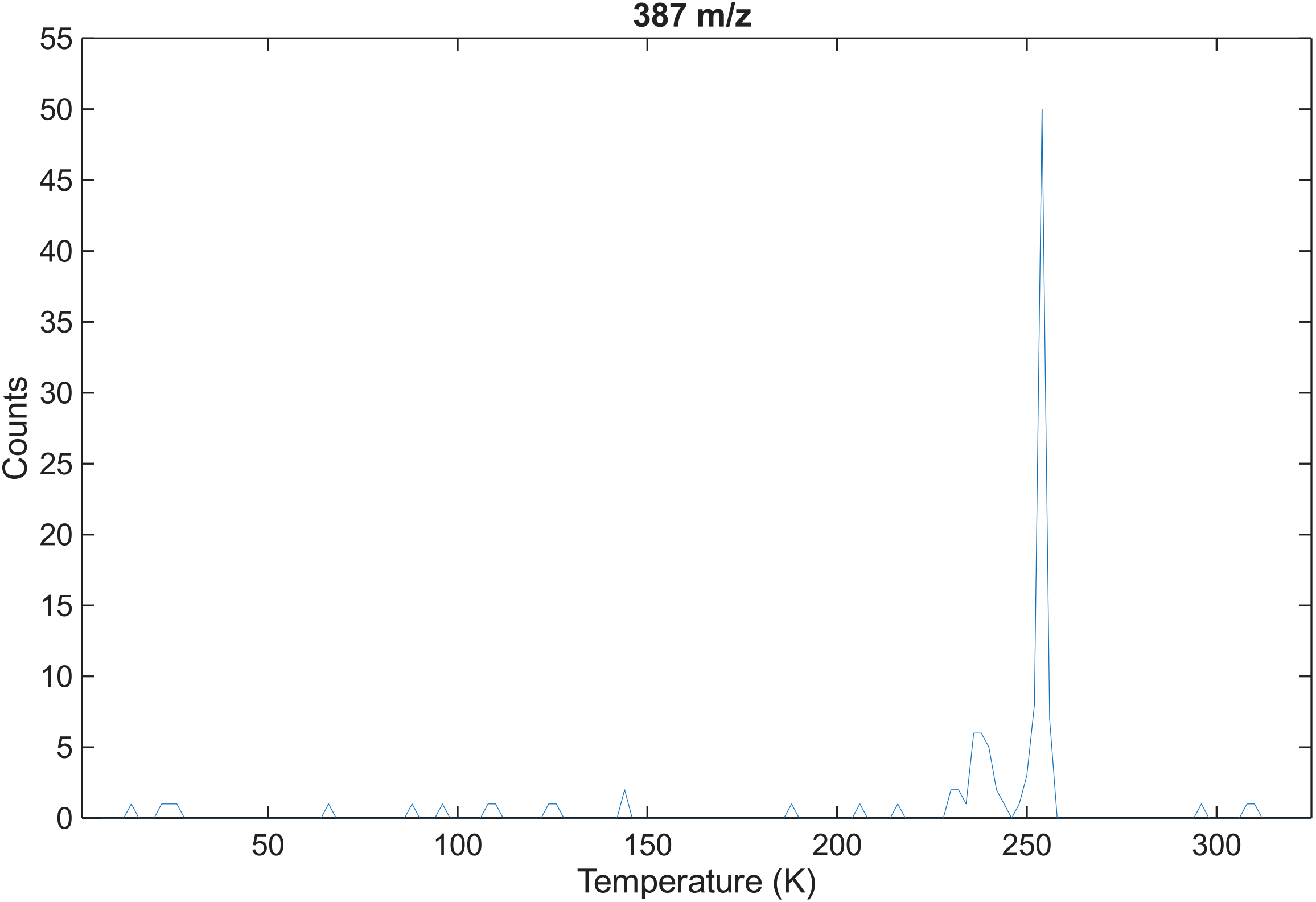
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Counts
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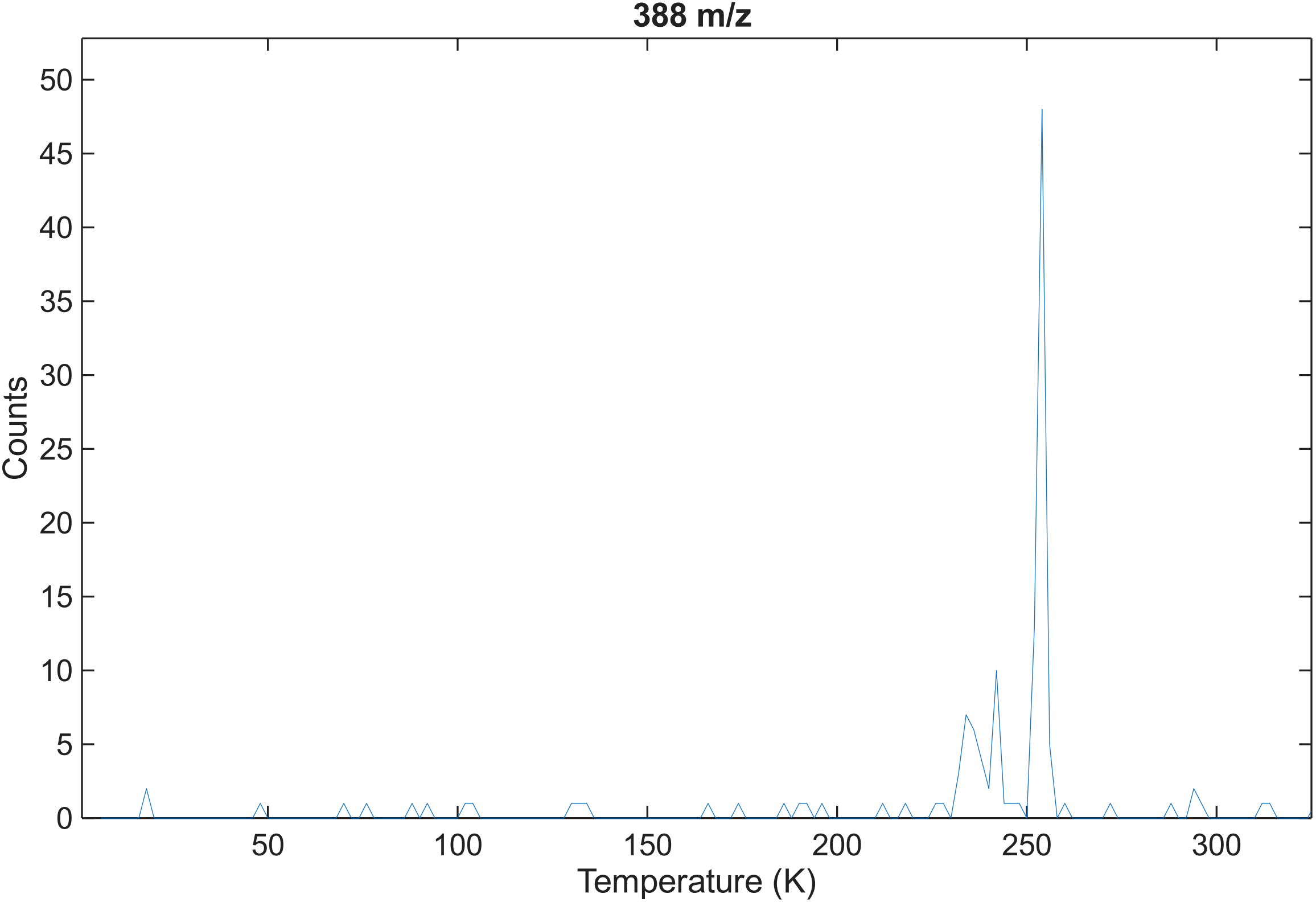
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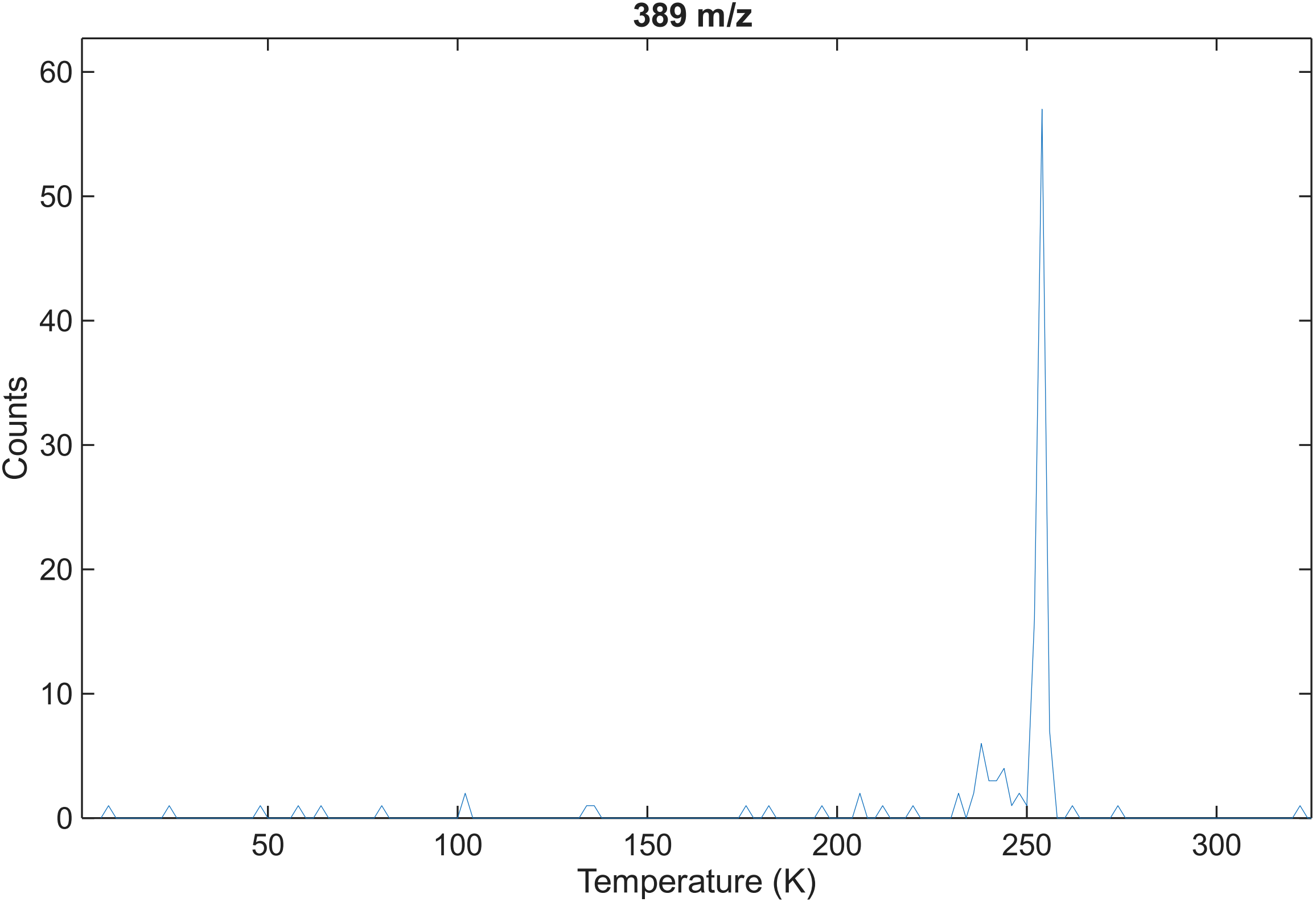
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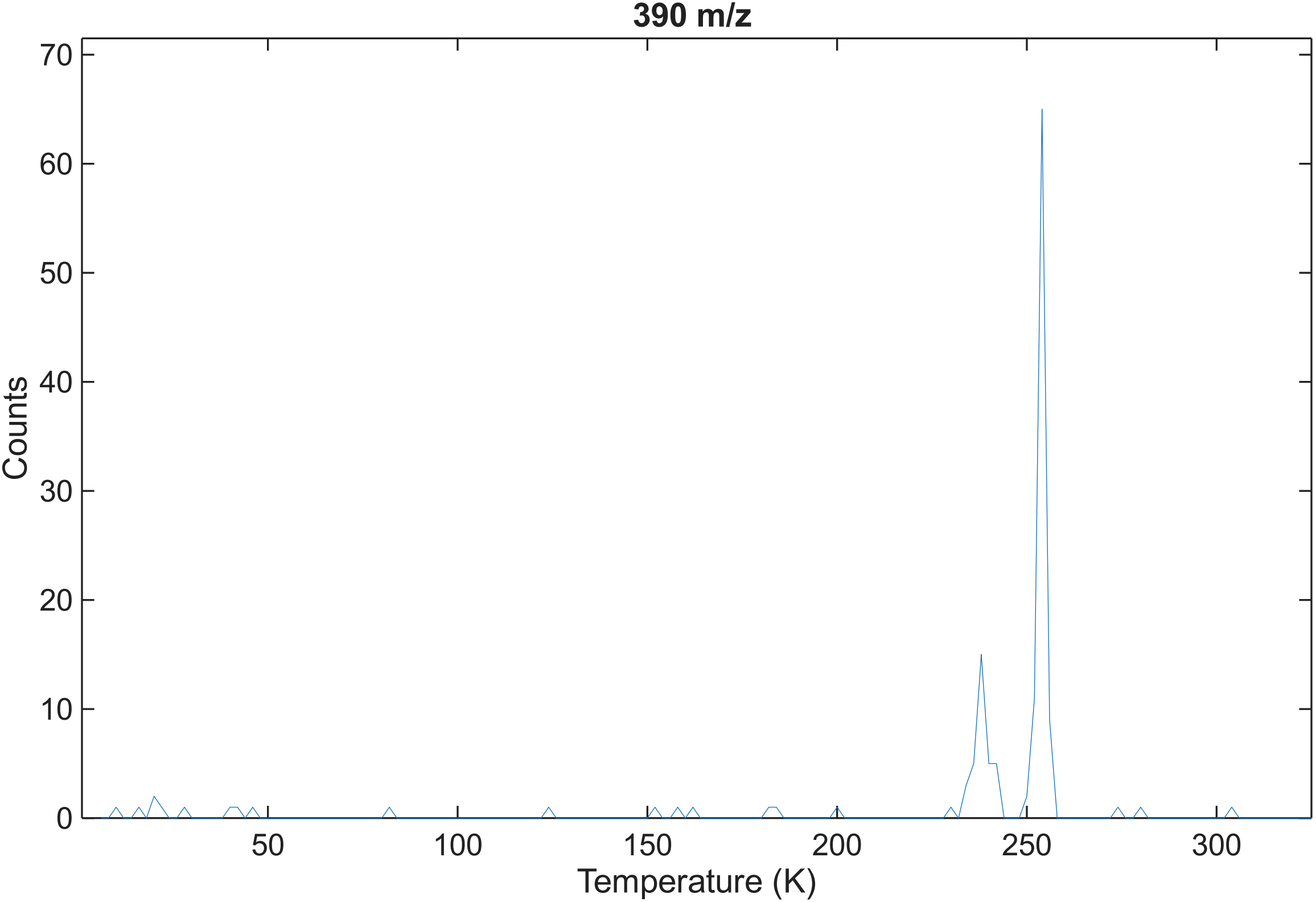
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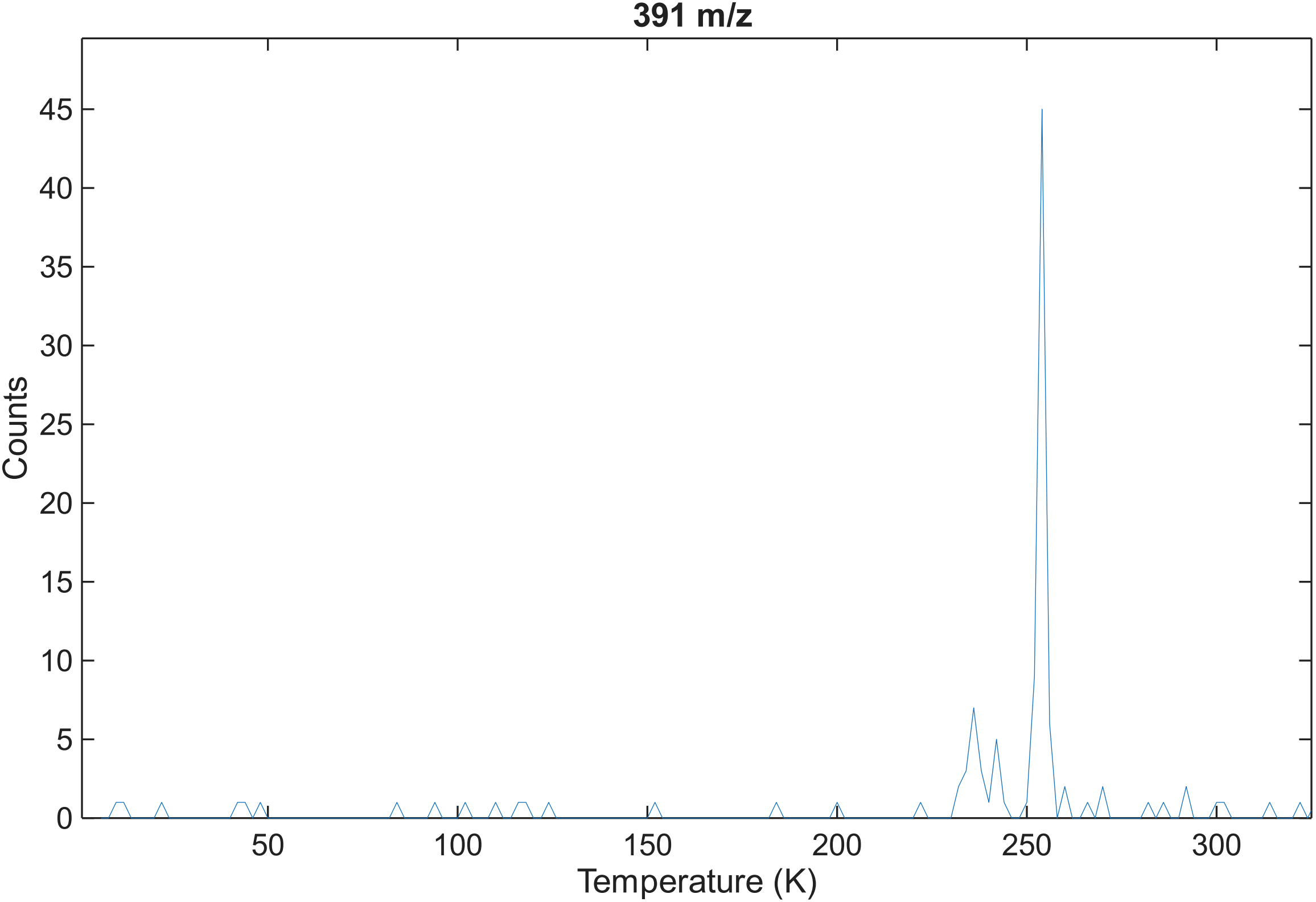
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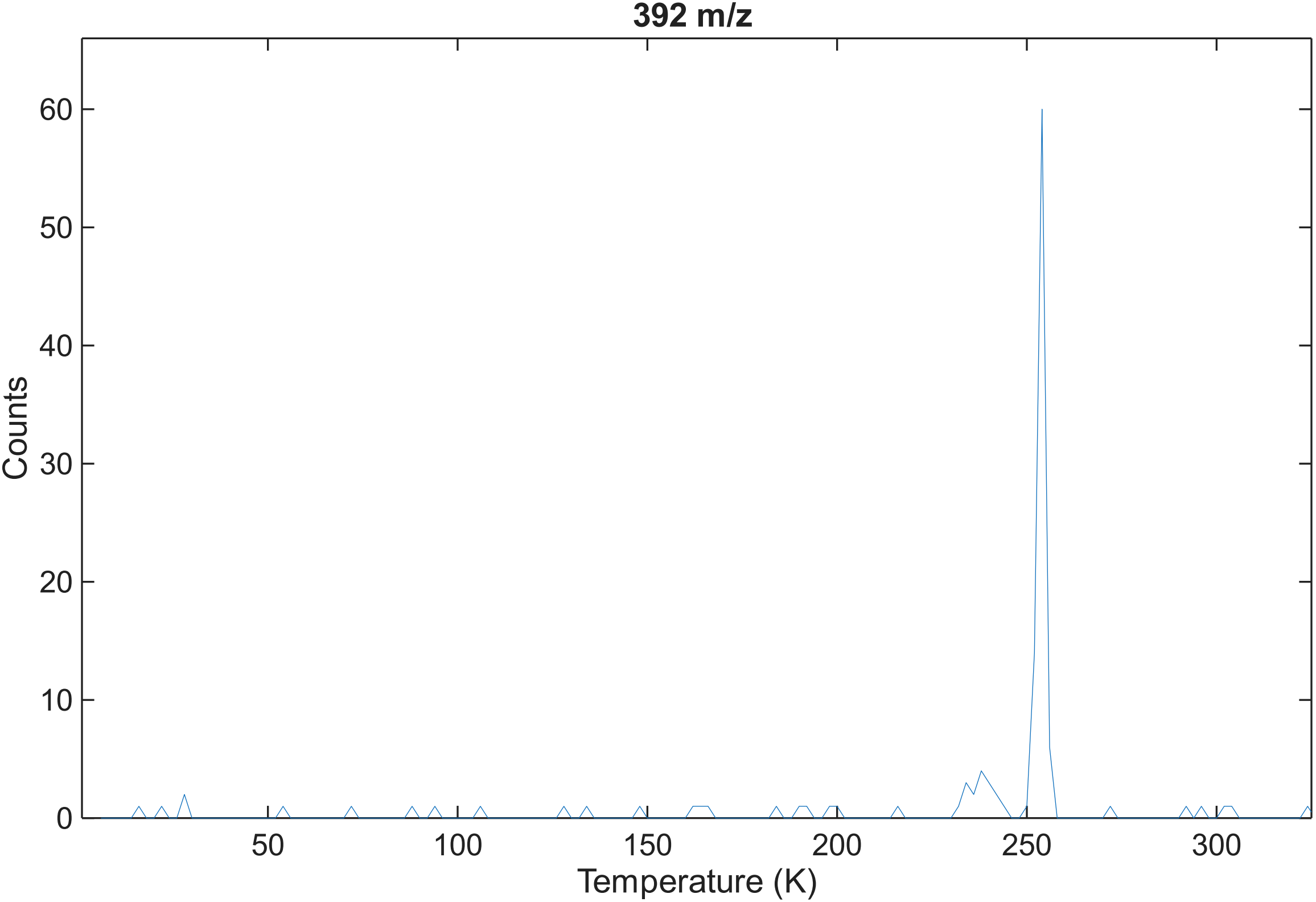
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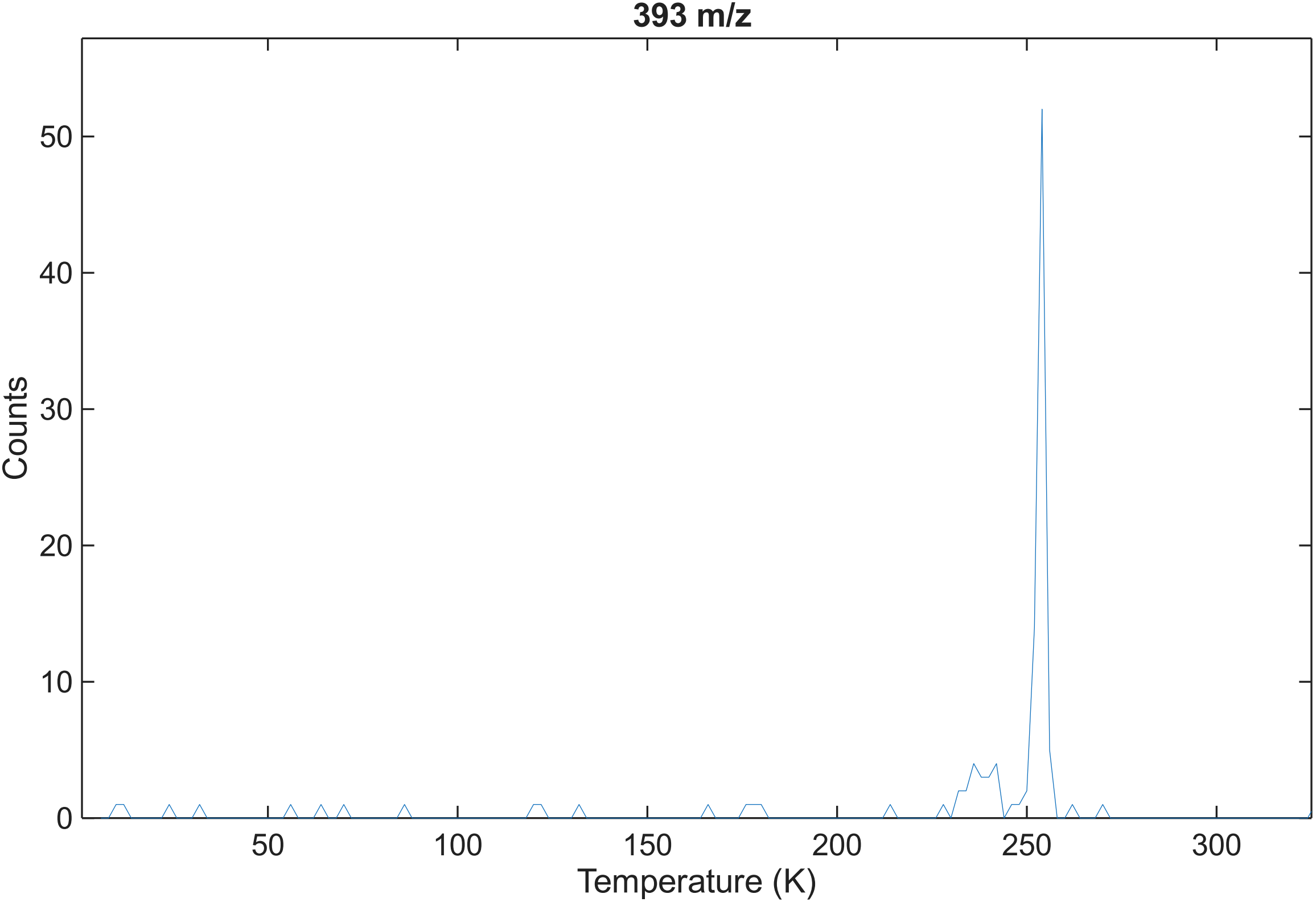
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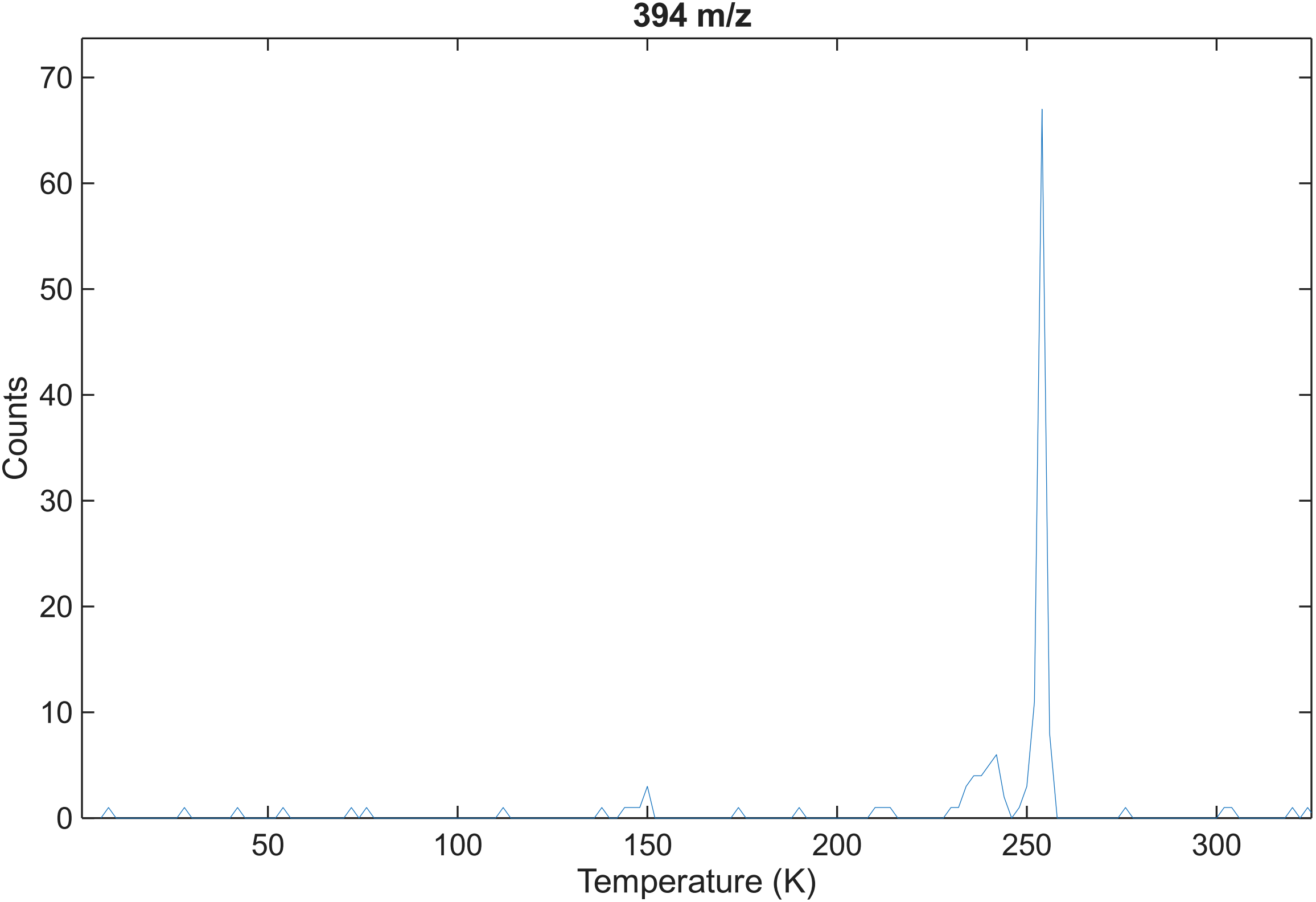
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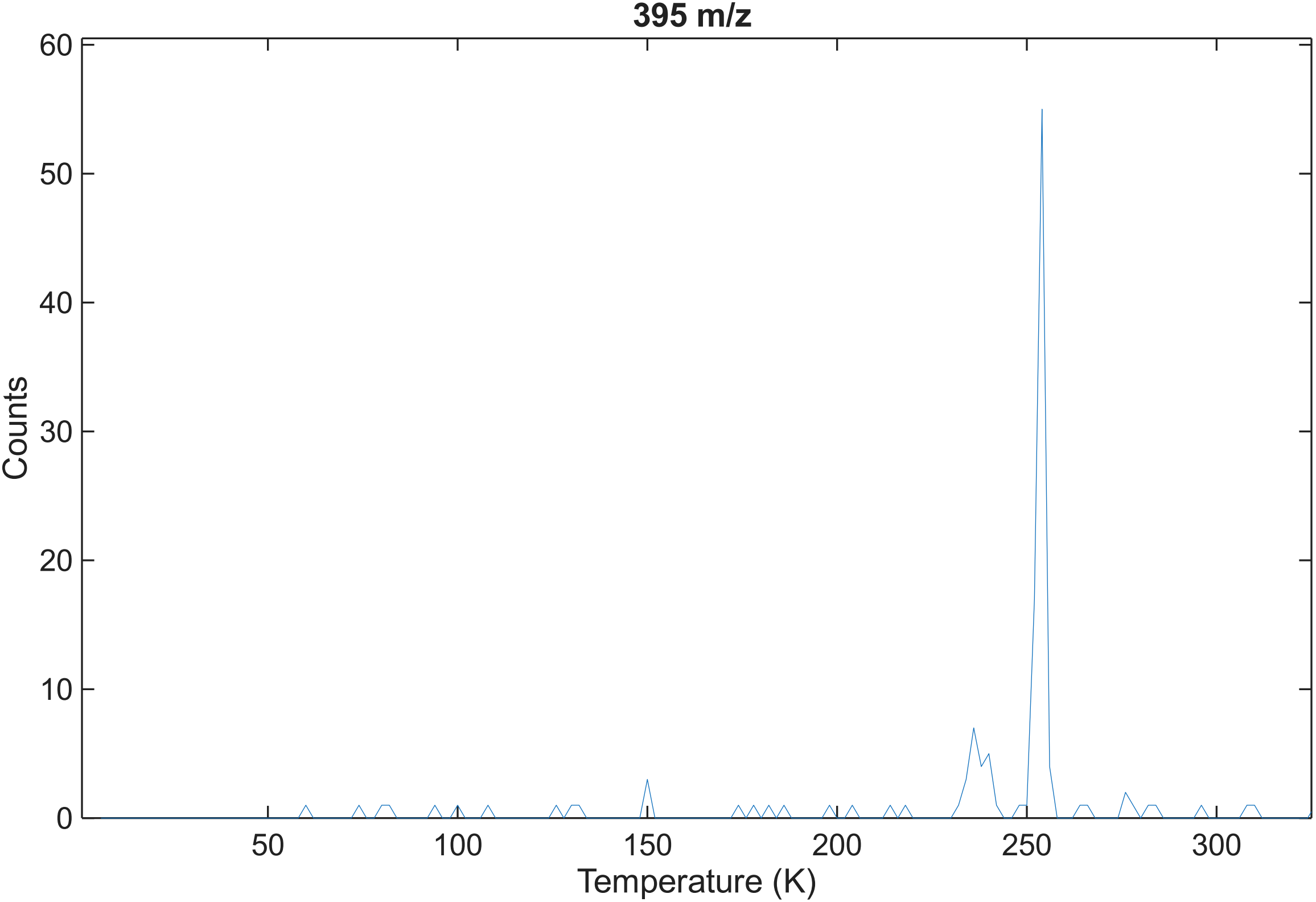
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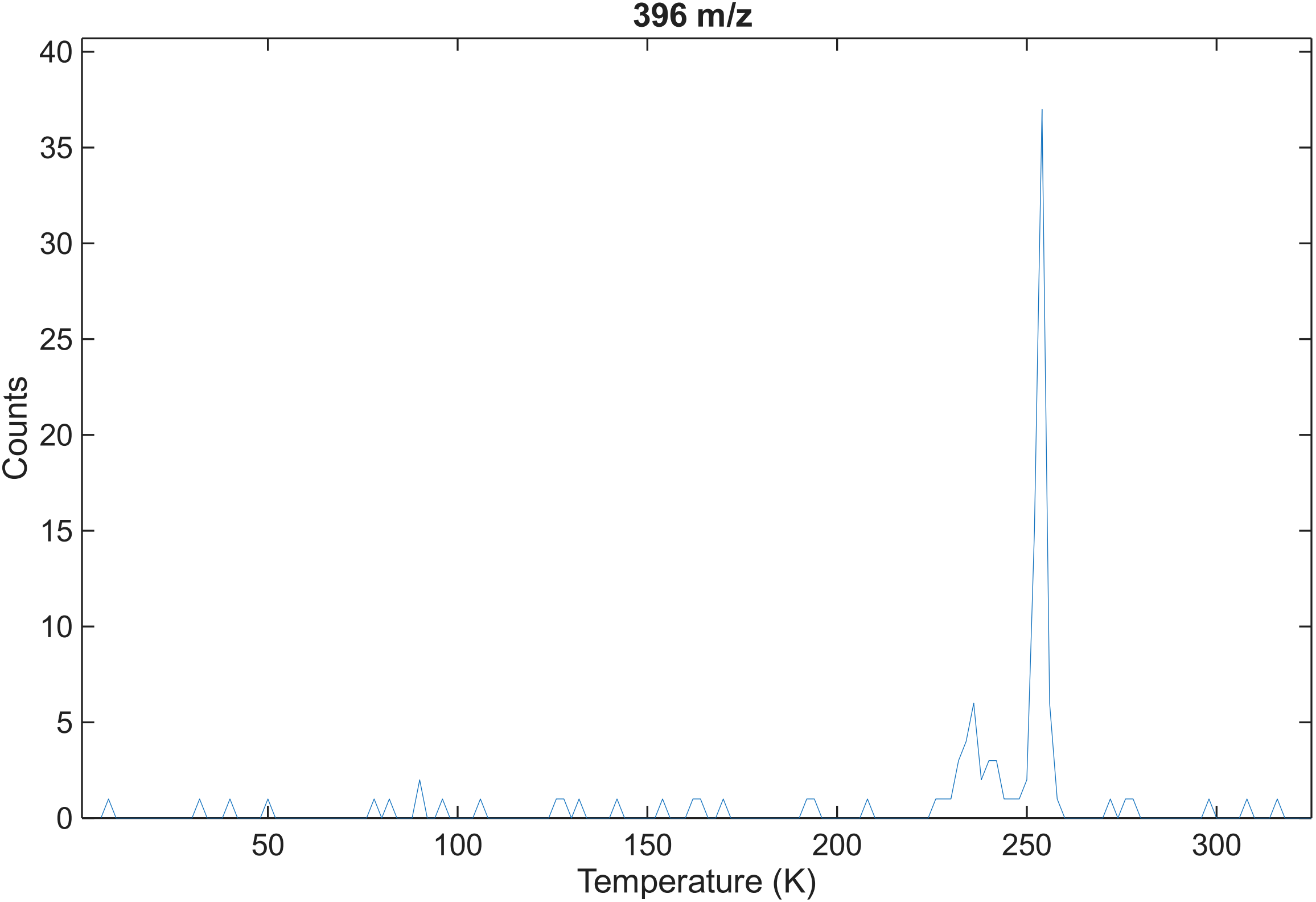
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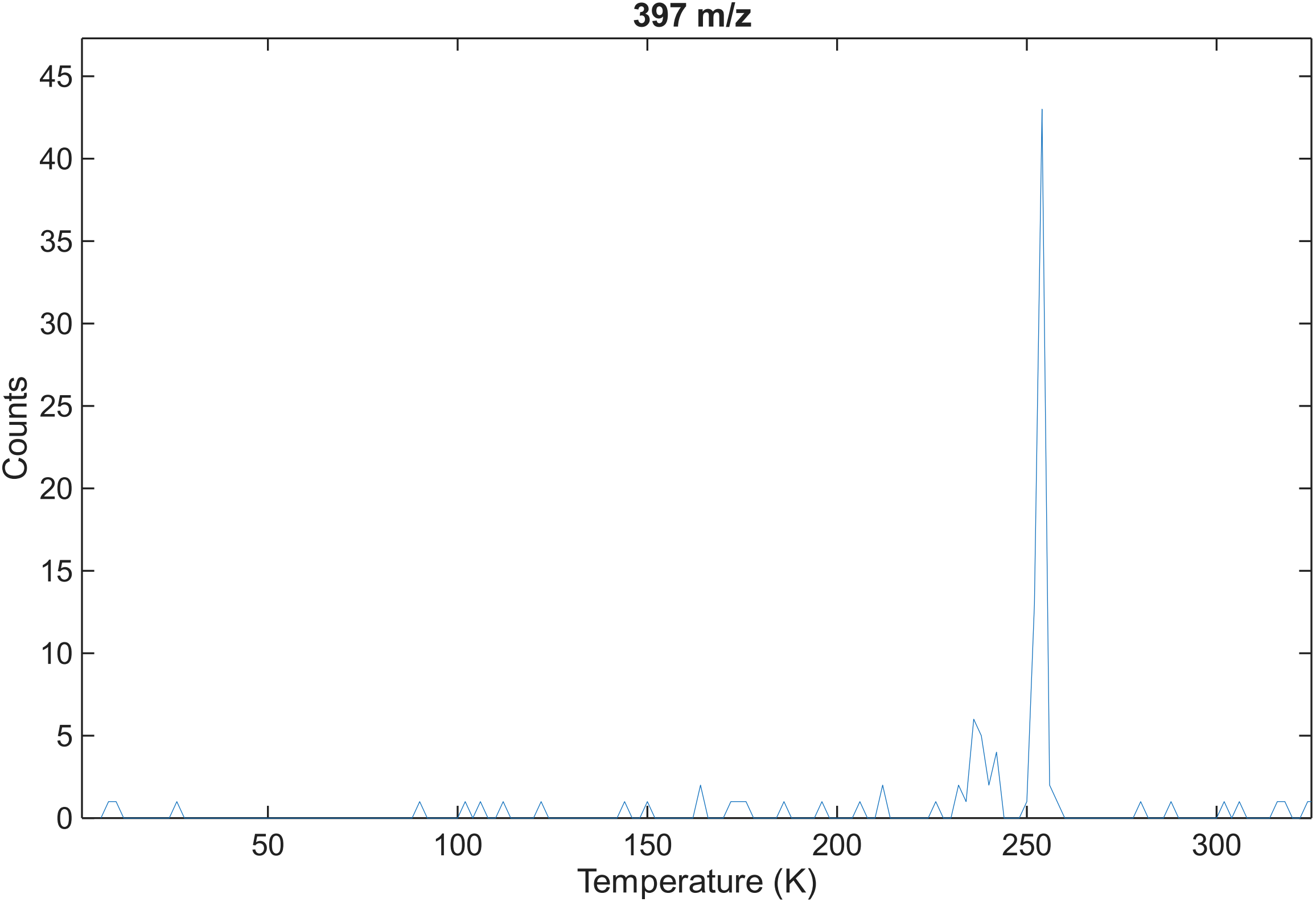
397 m/z
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Temperature (K)
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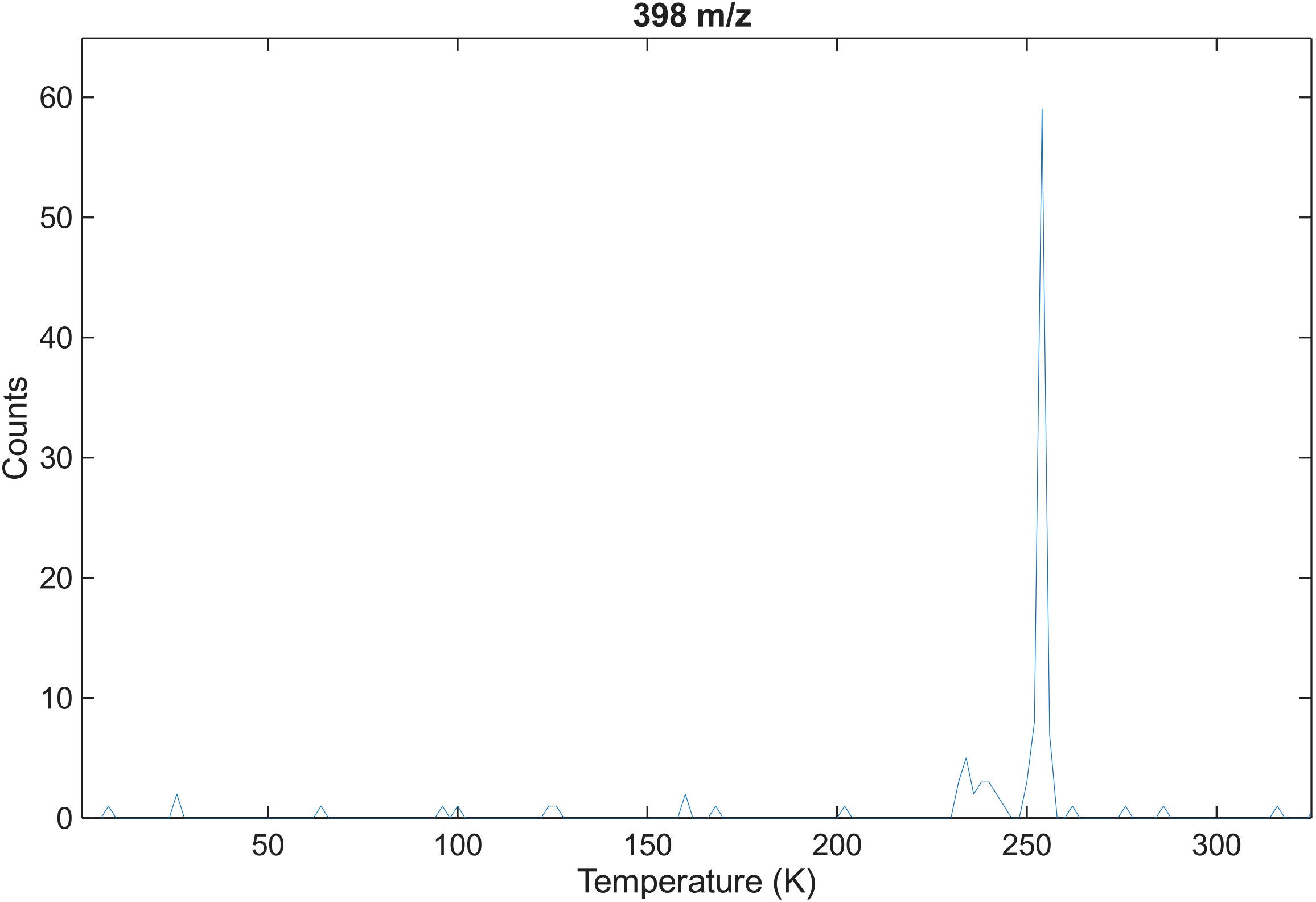
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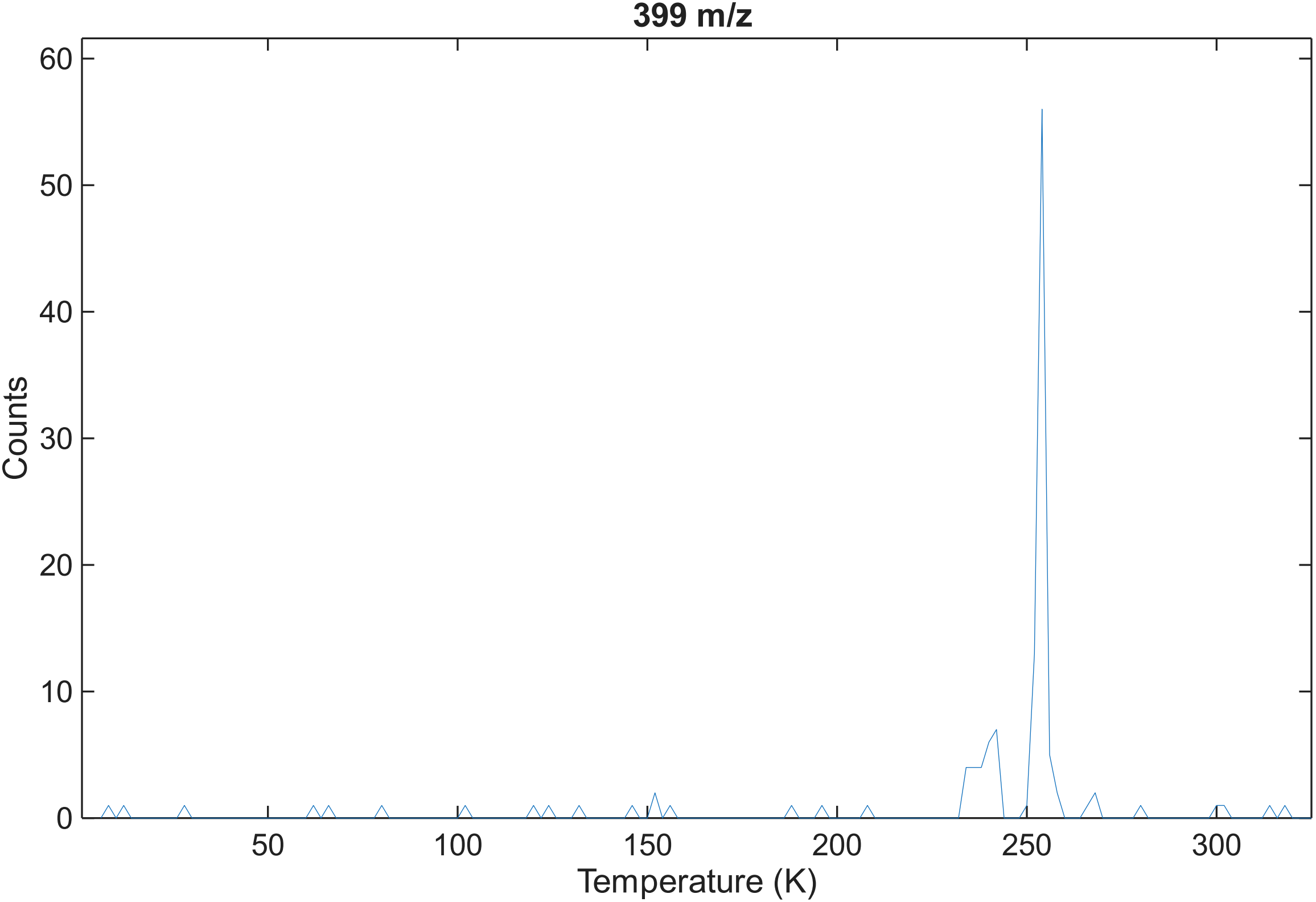
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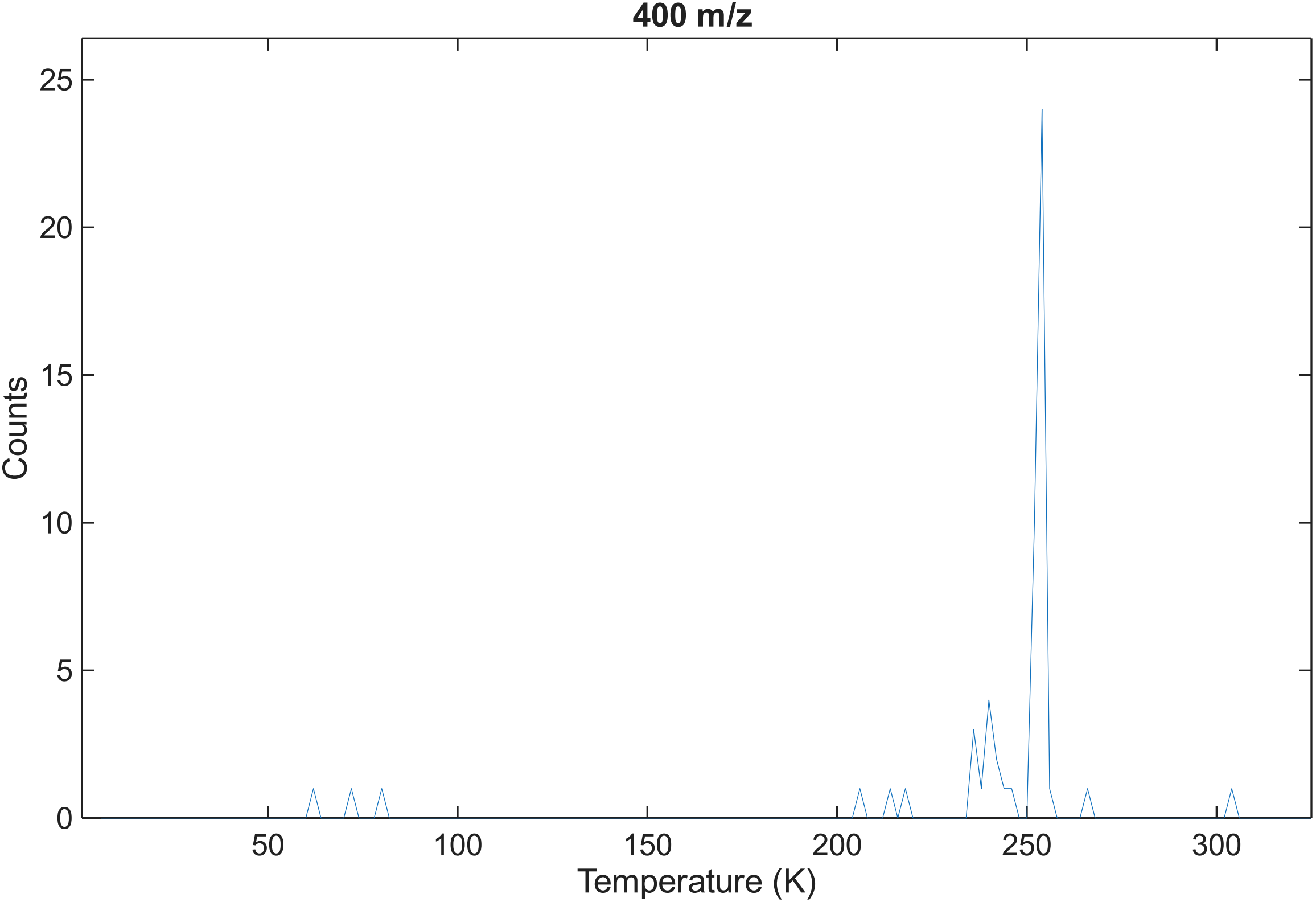
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