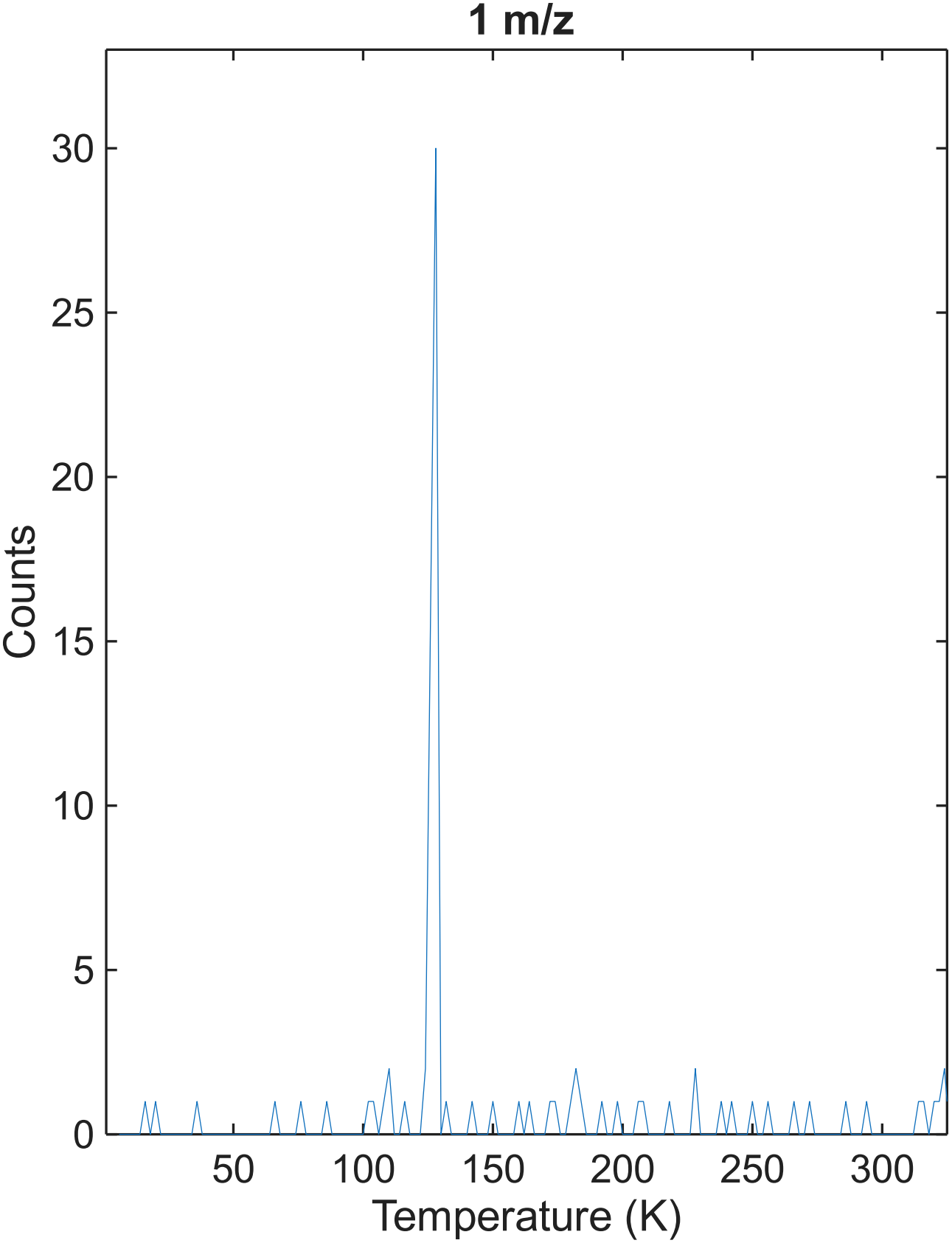
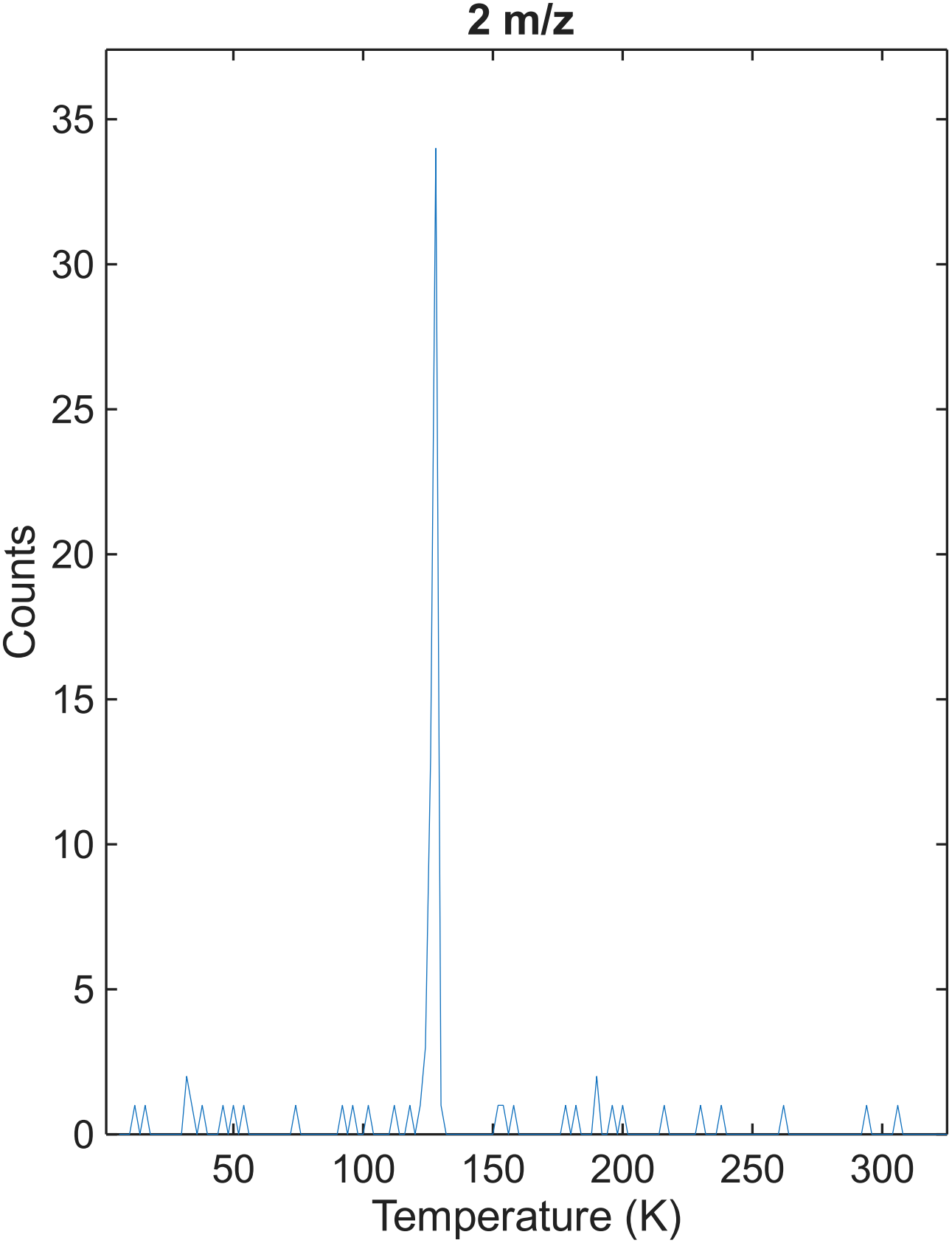
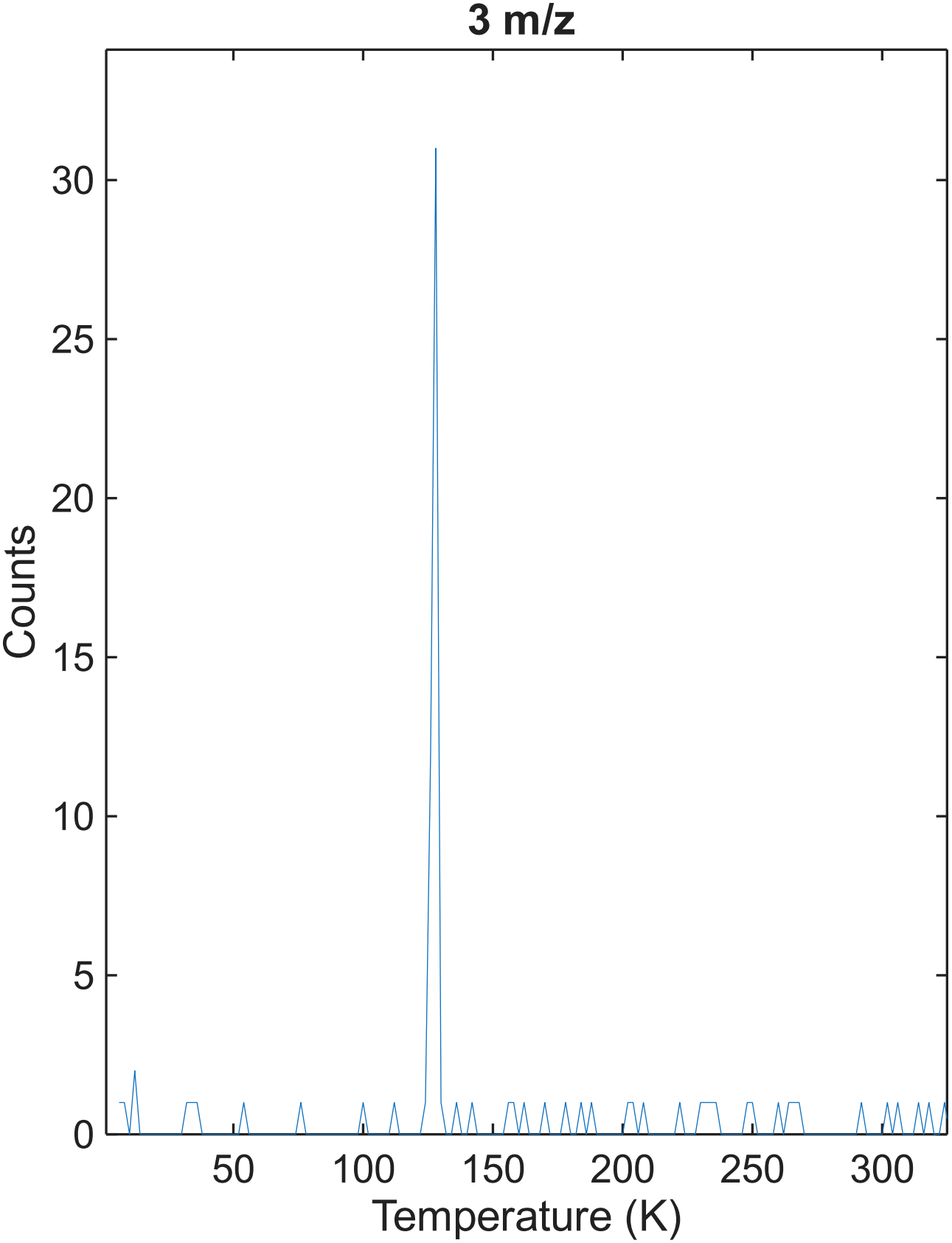
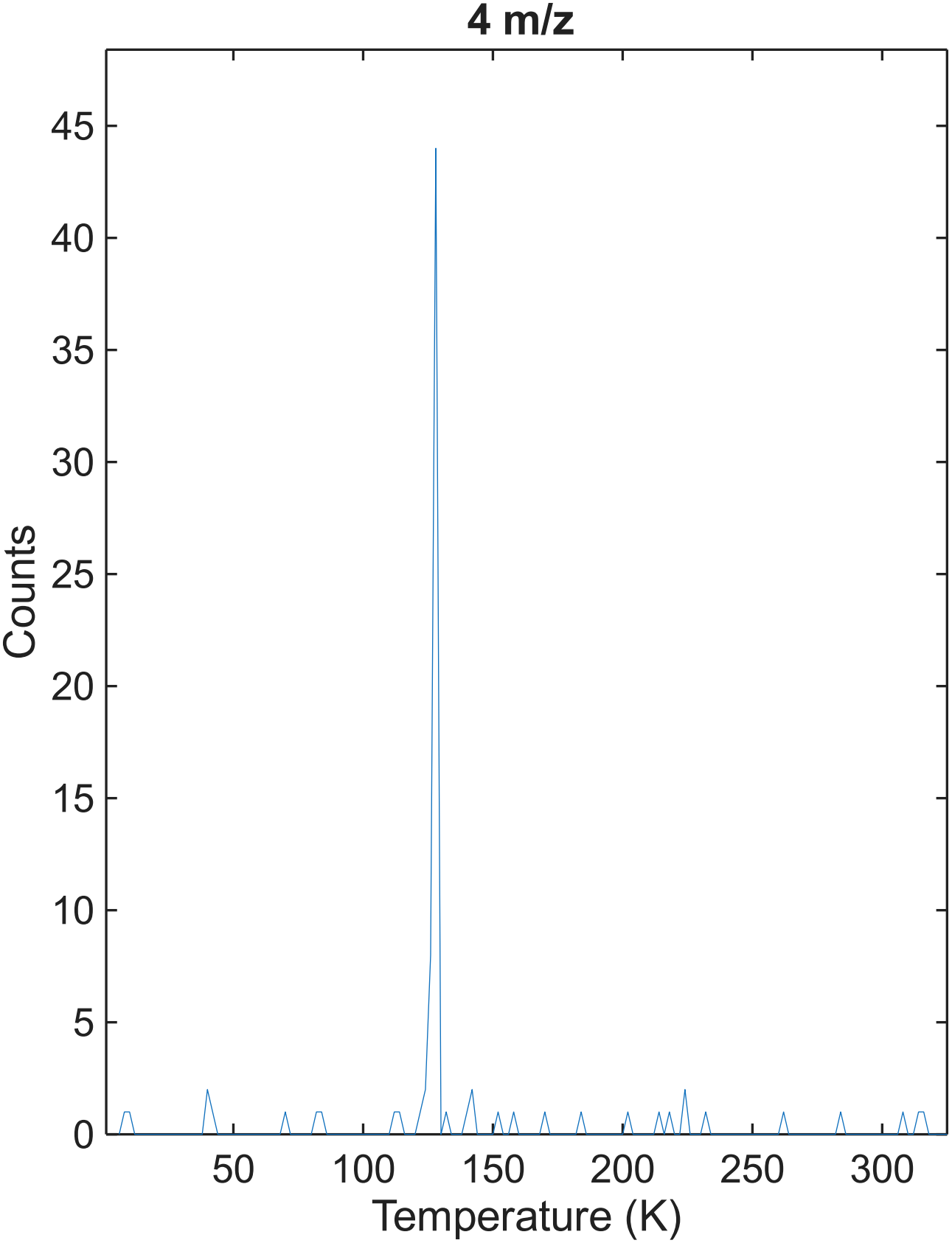
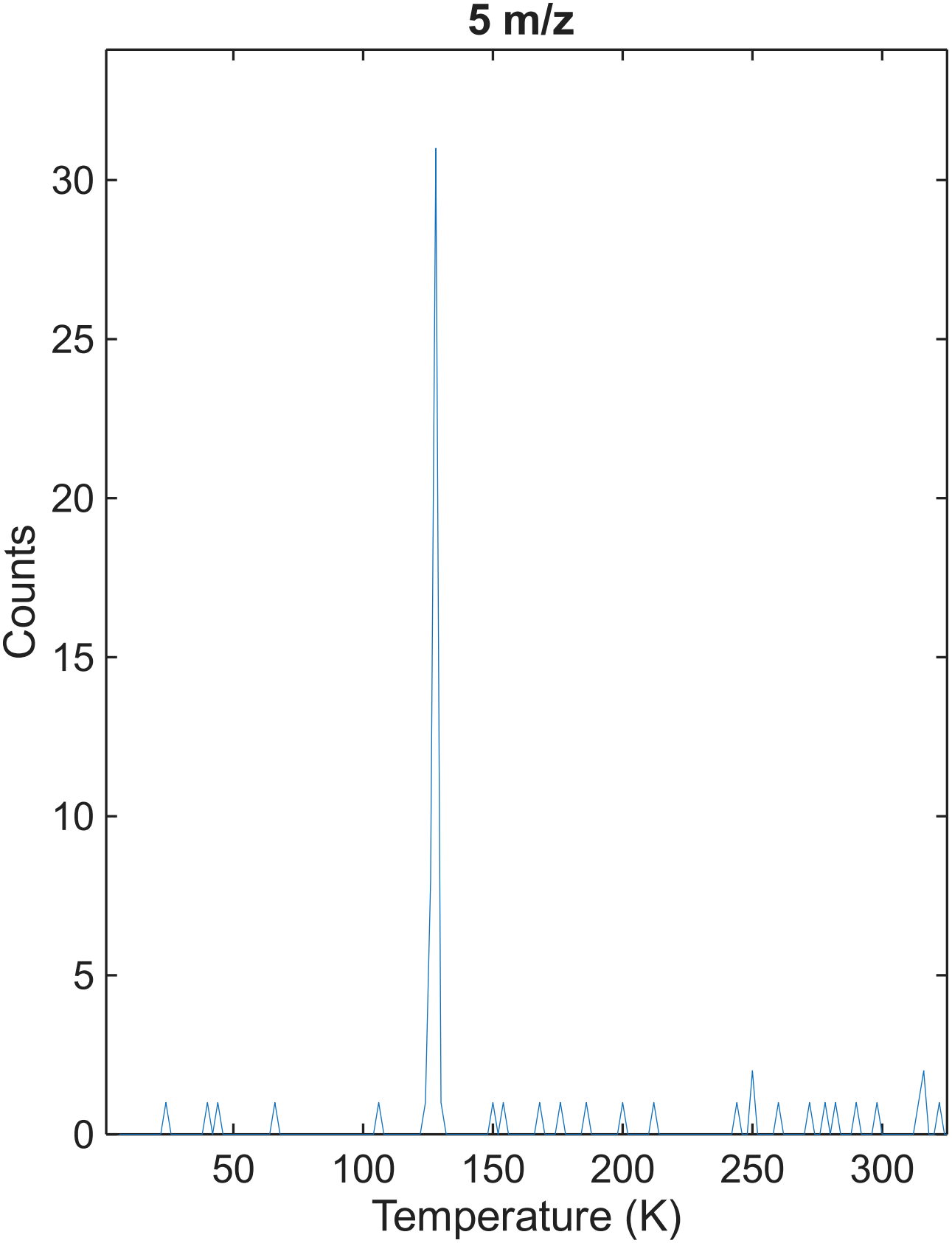
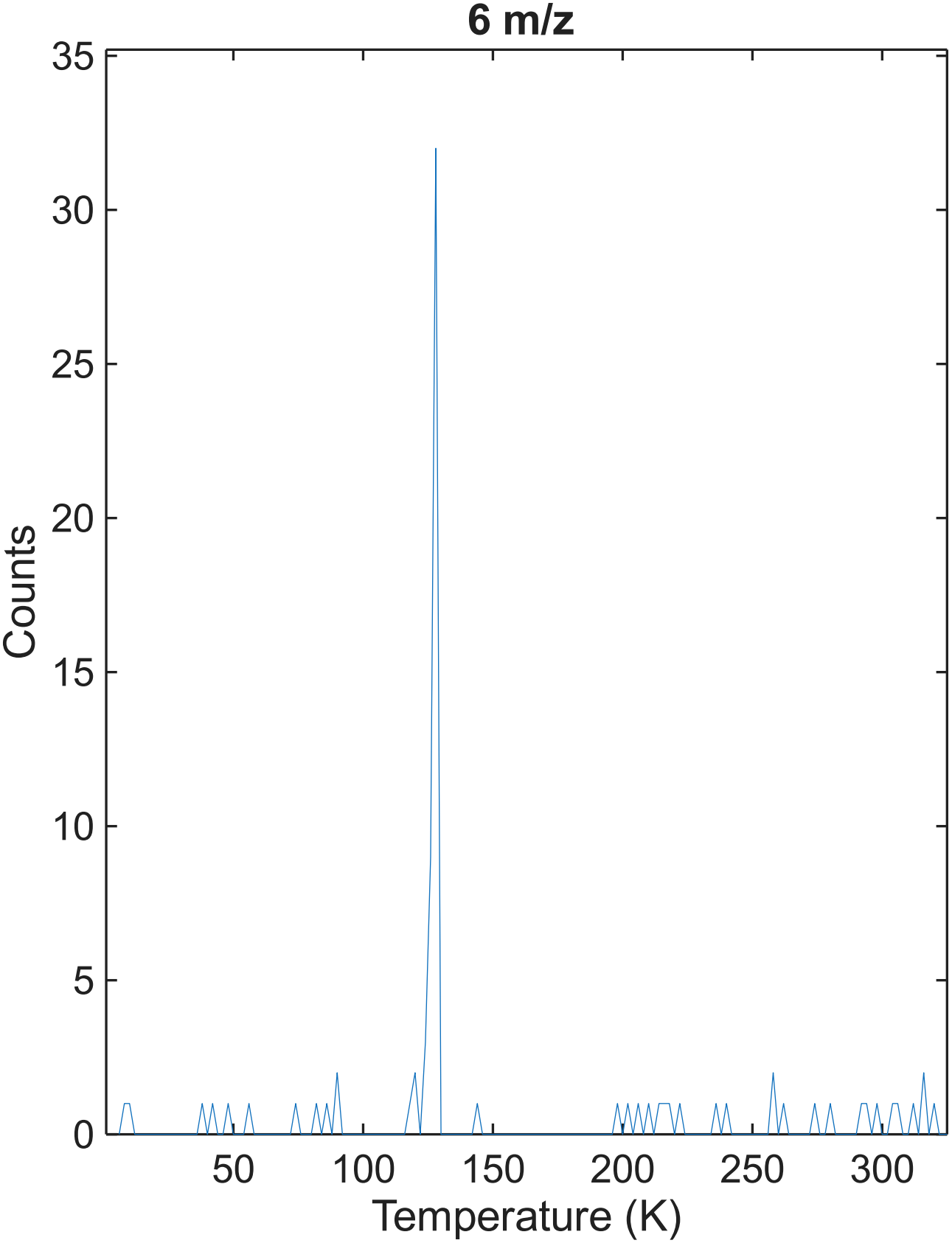

1 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300

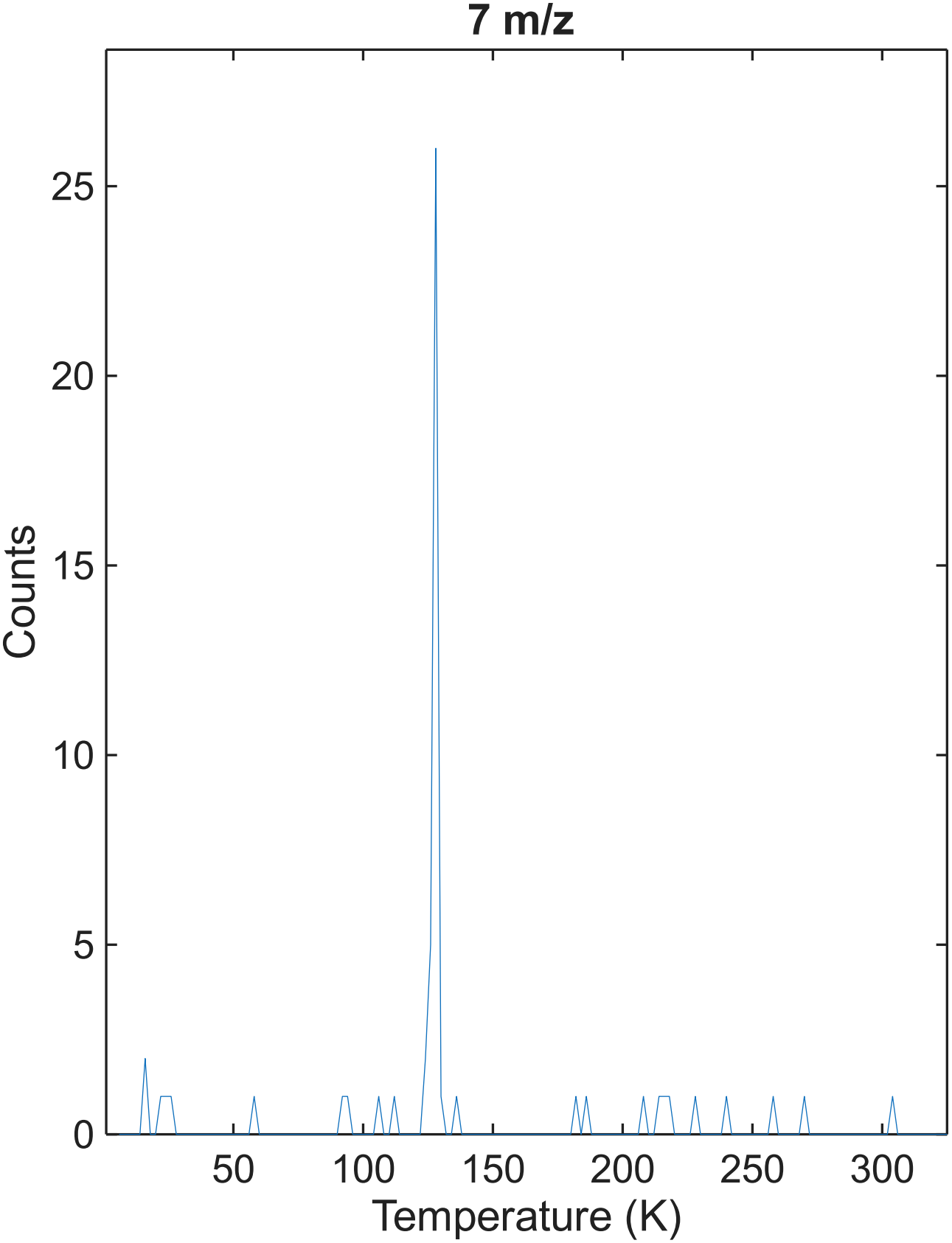

2 m/z
35
30
25
20
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

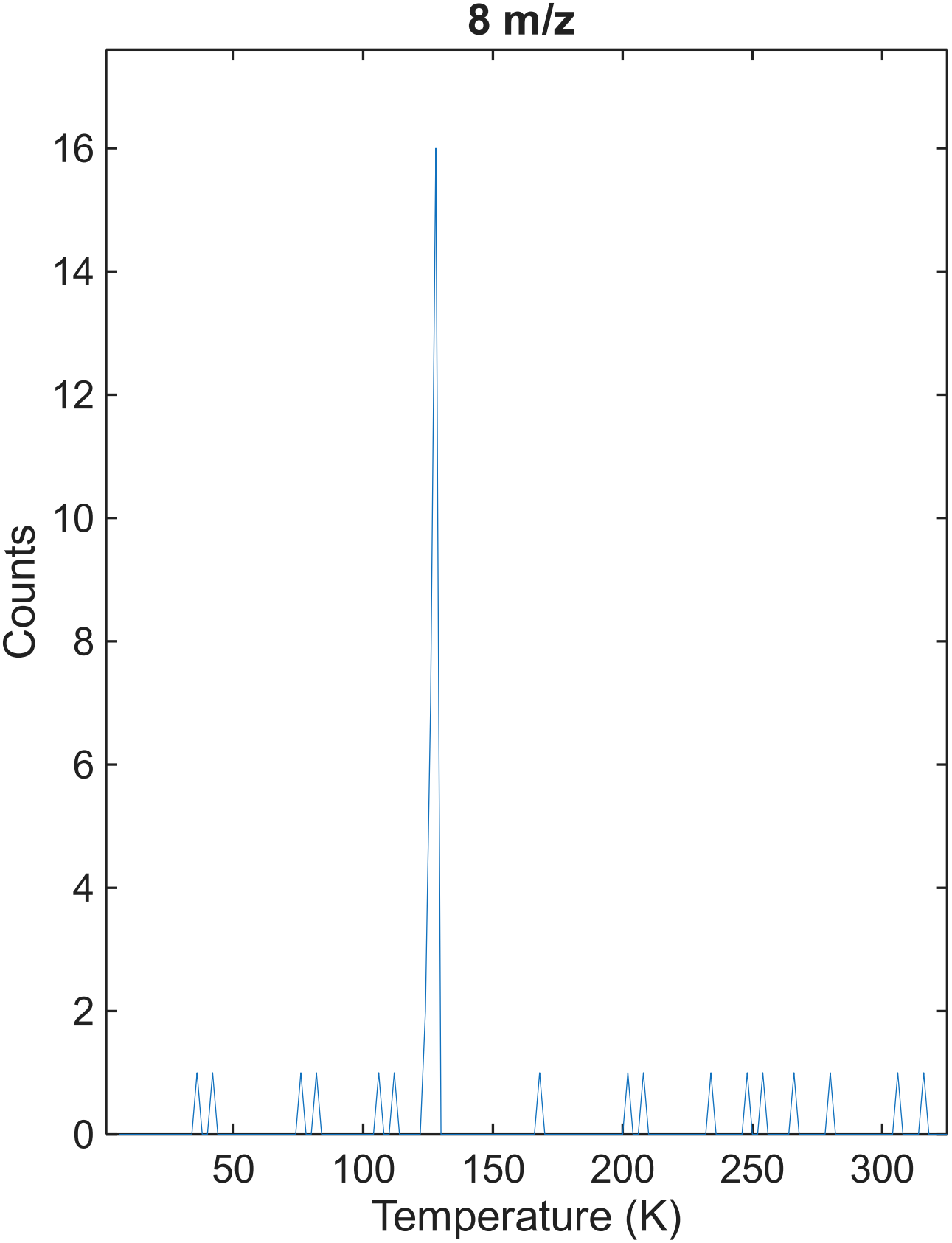

3 m/z
Counts
0
5
10
15
20
25
30
50
100
150
200
250
300
Temperature (K)

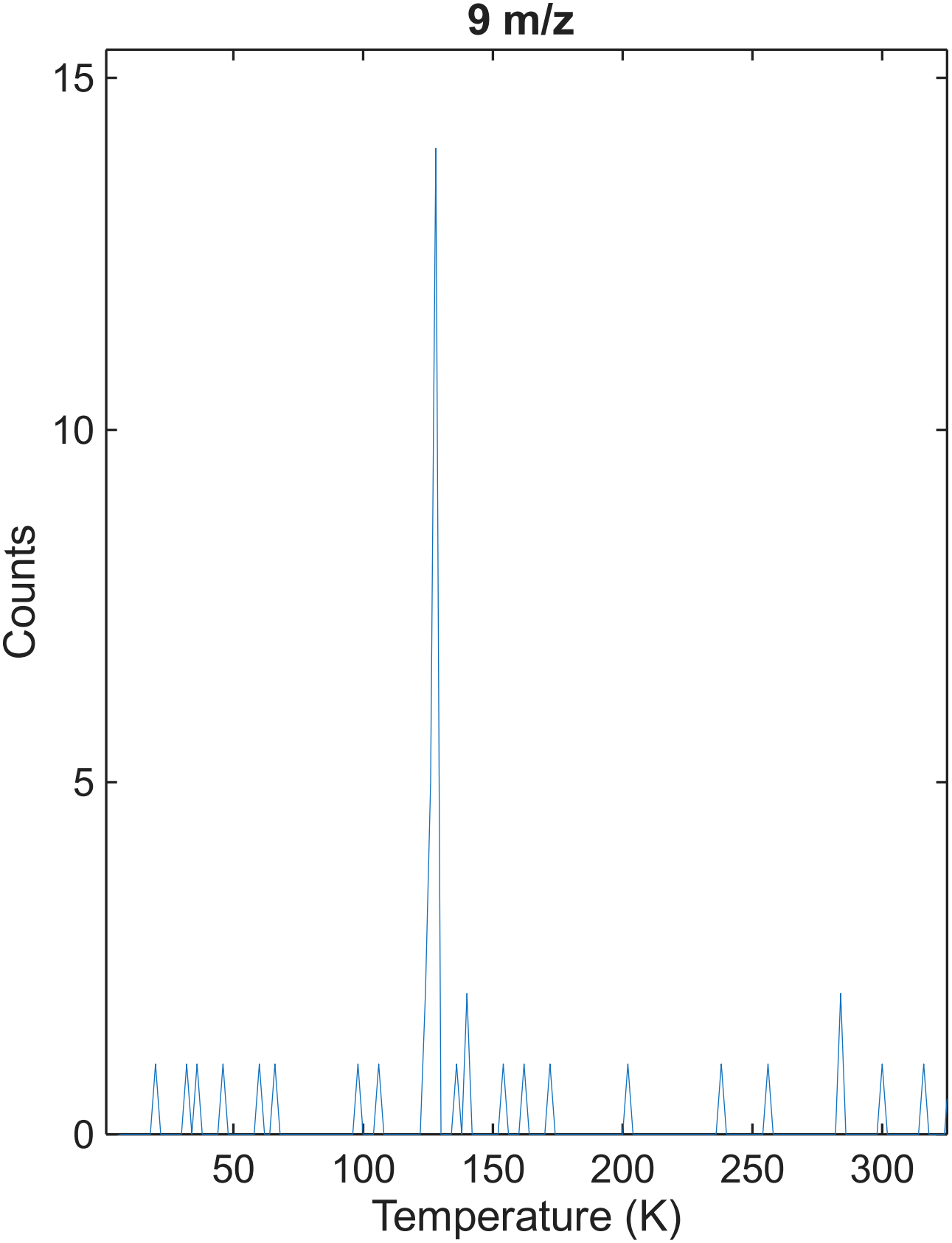

4 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
40
45
50
100
150
200
250
300

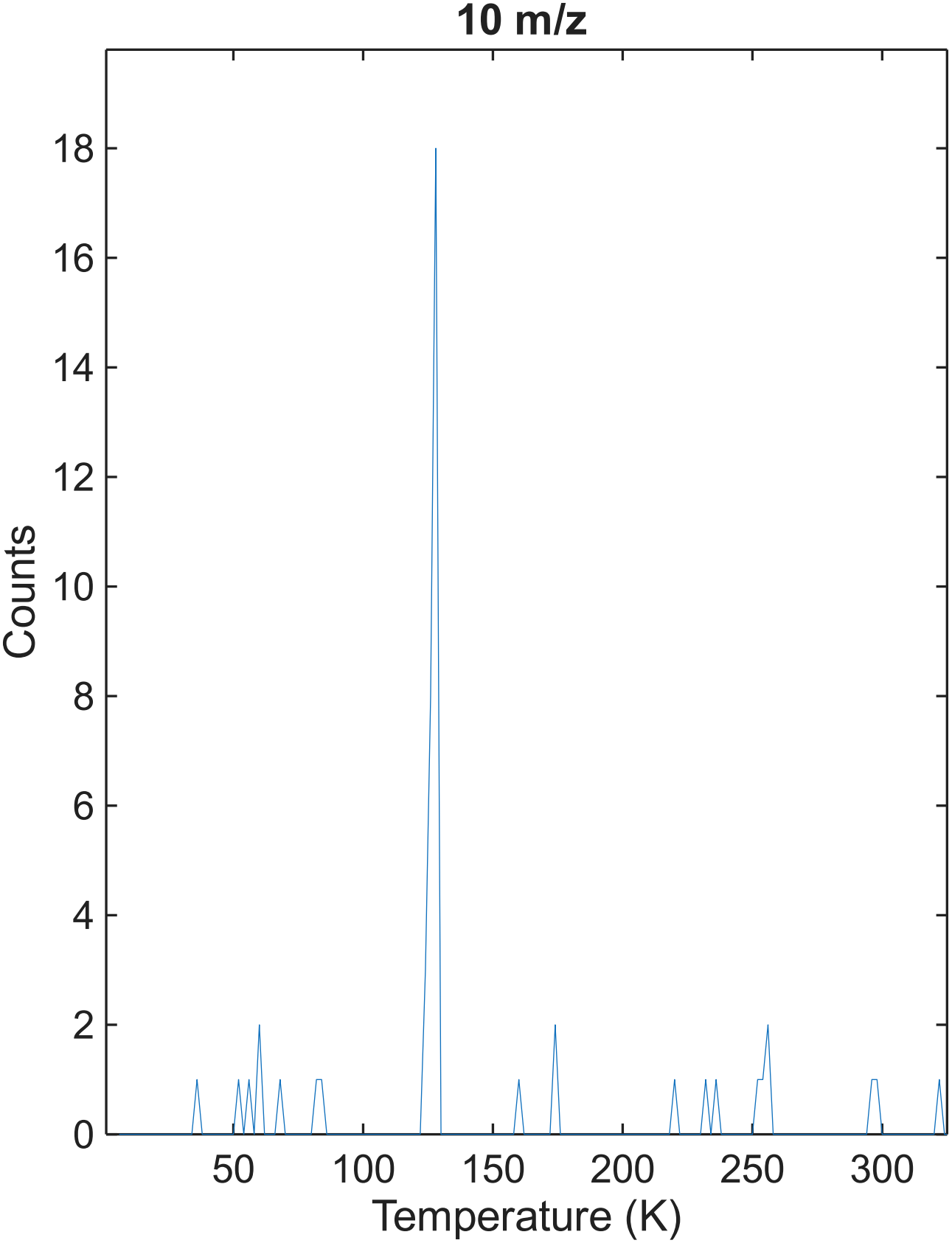

5 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
50
100
150
200
250
300

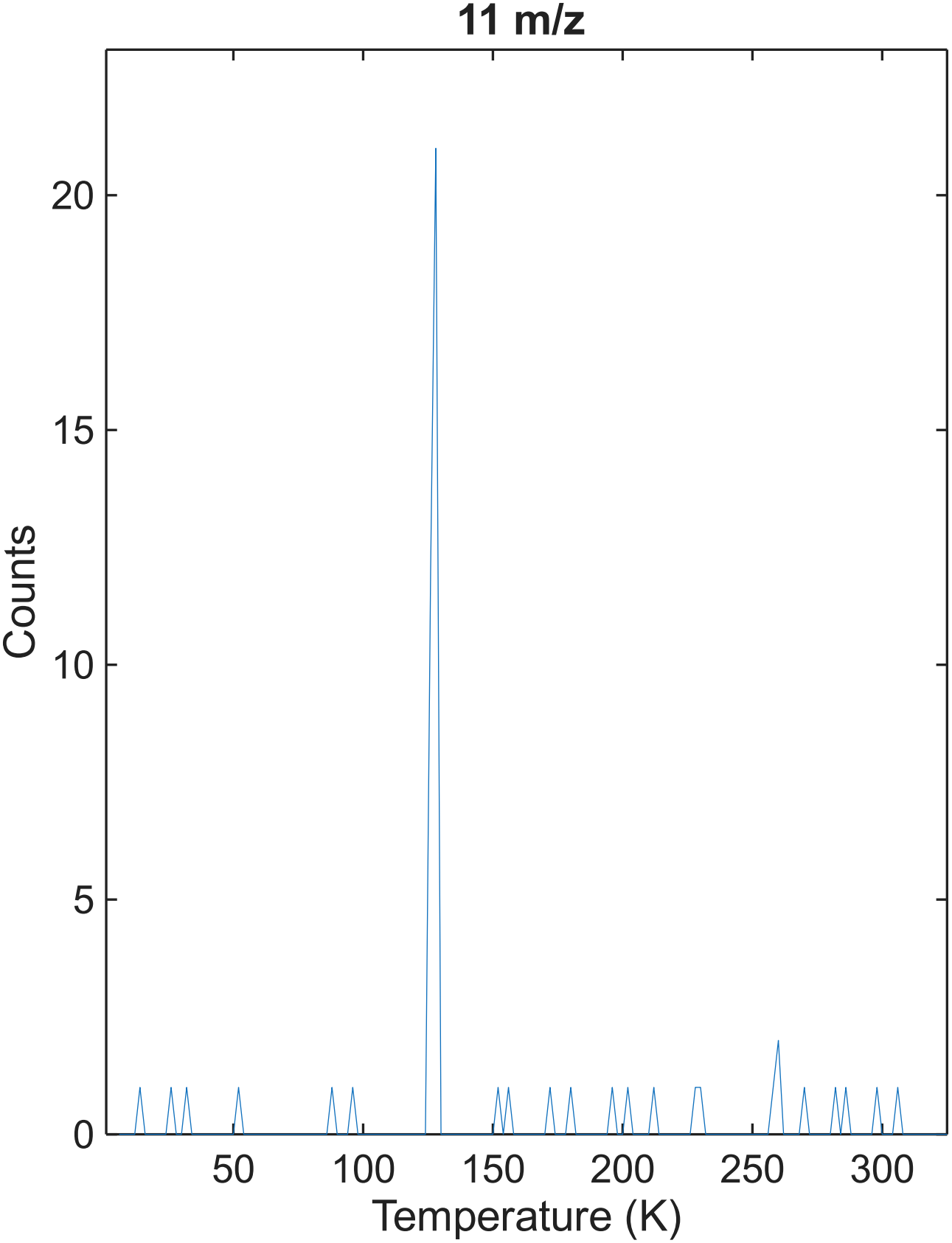

6 m/z
35
30
25
20
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

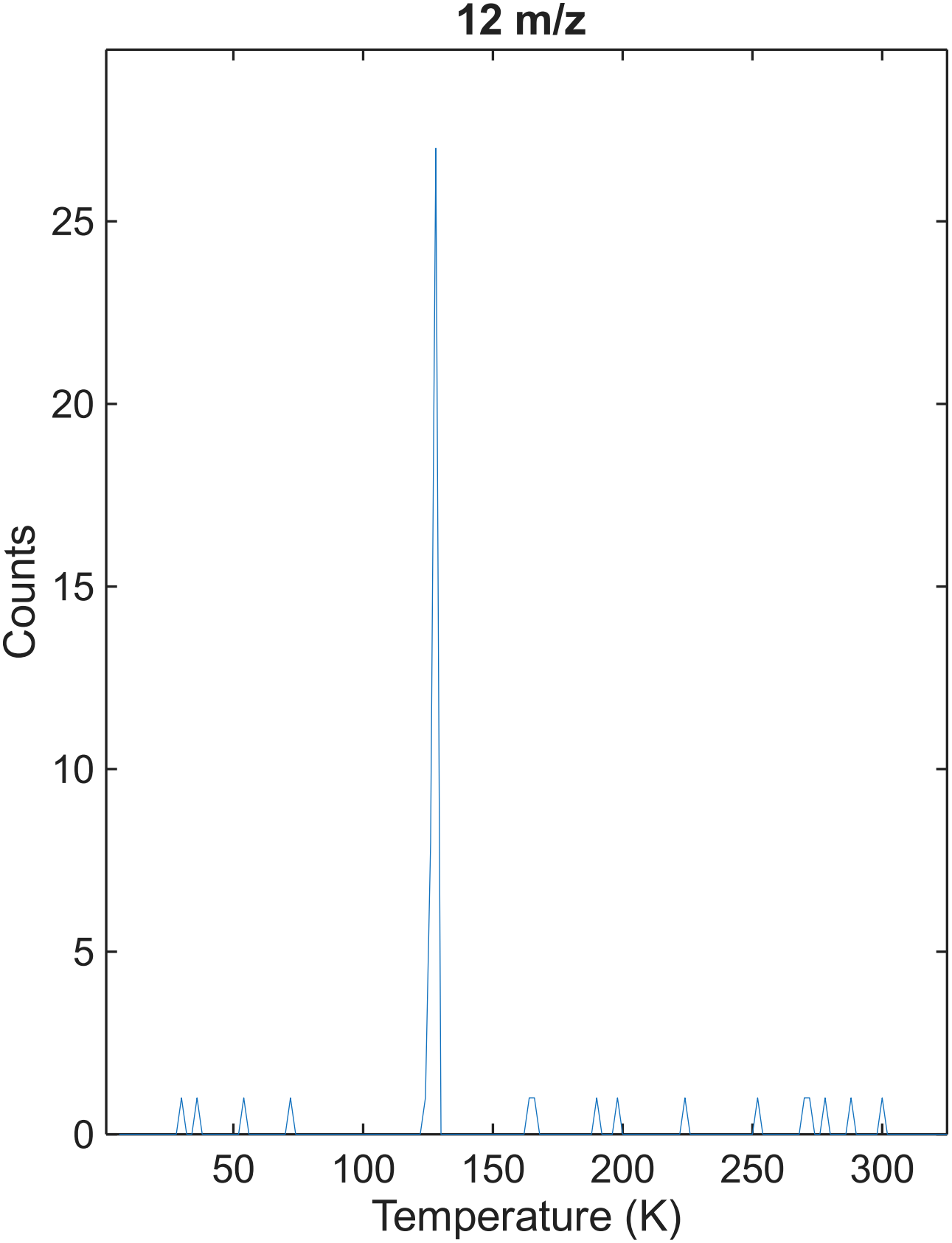

7 m/z
Counts
0
5
10
15
20
25
50
100
150
200
250
300
Temperature (K)

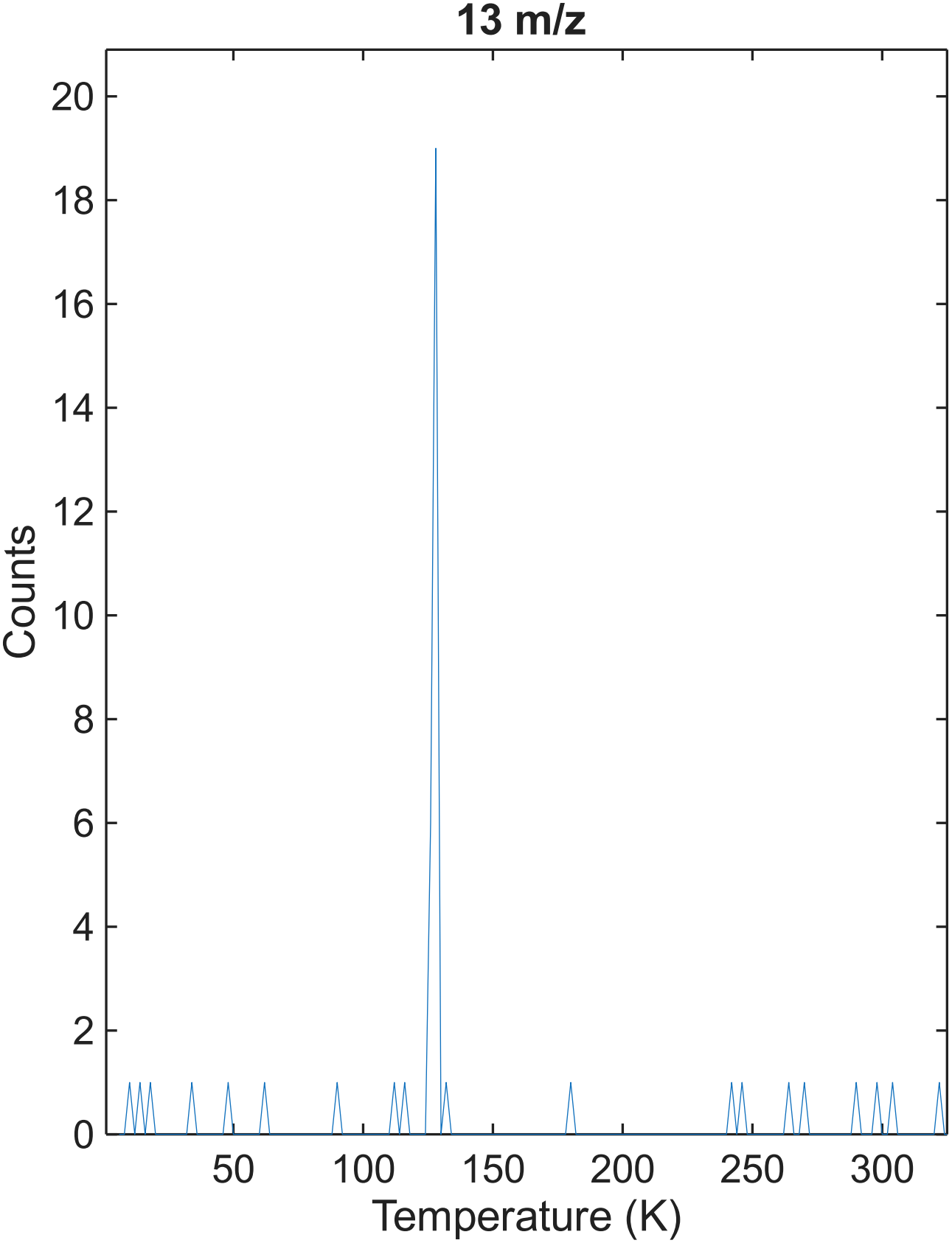

8 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

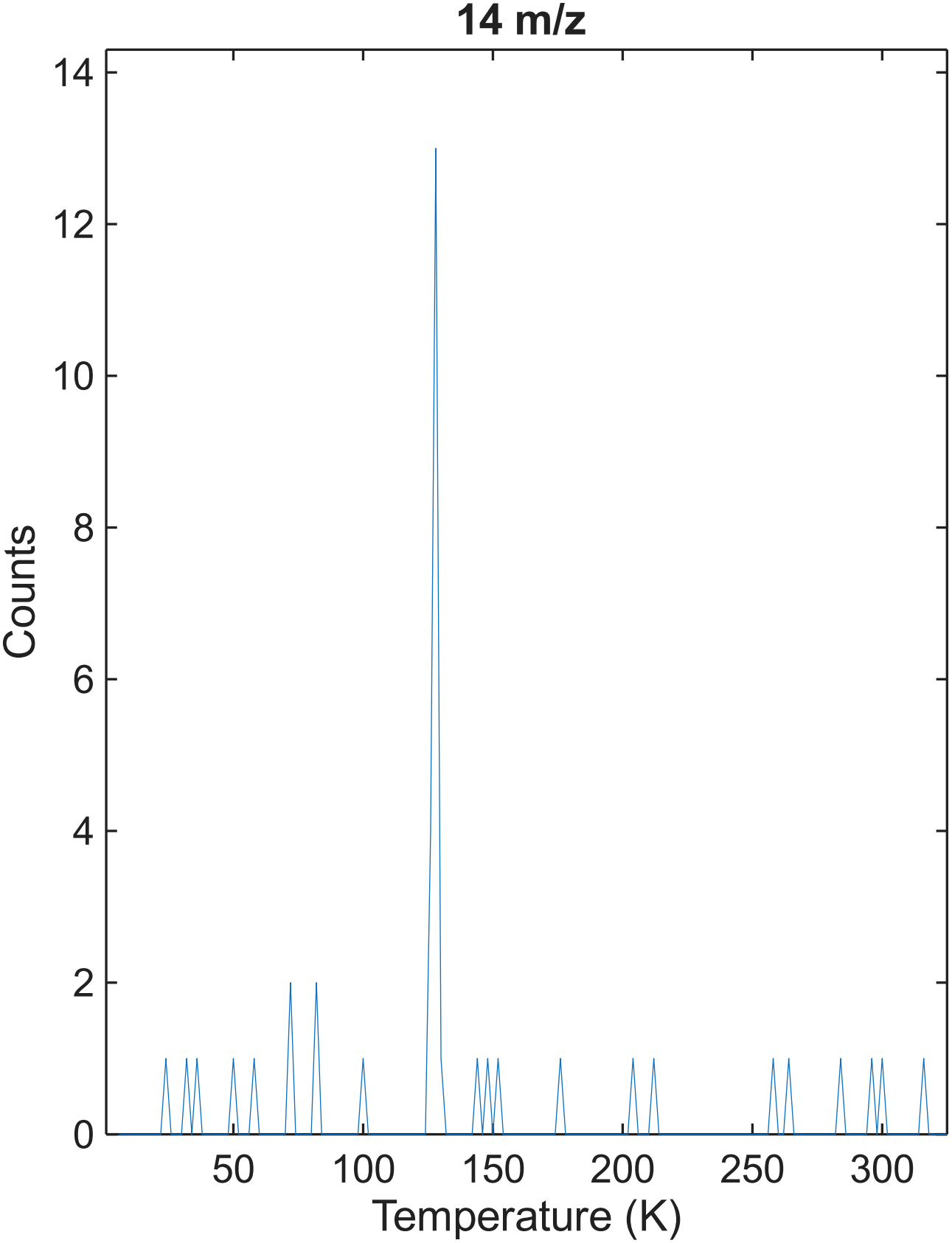

9 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

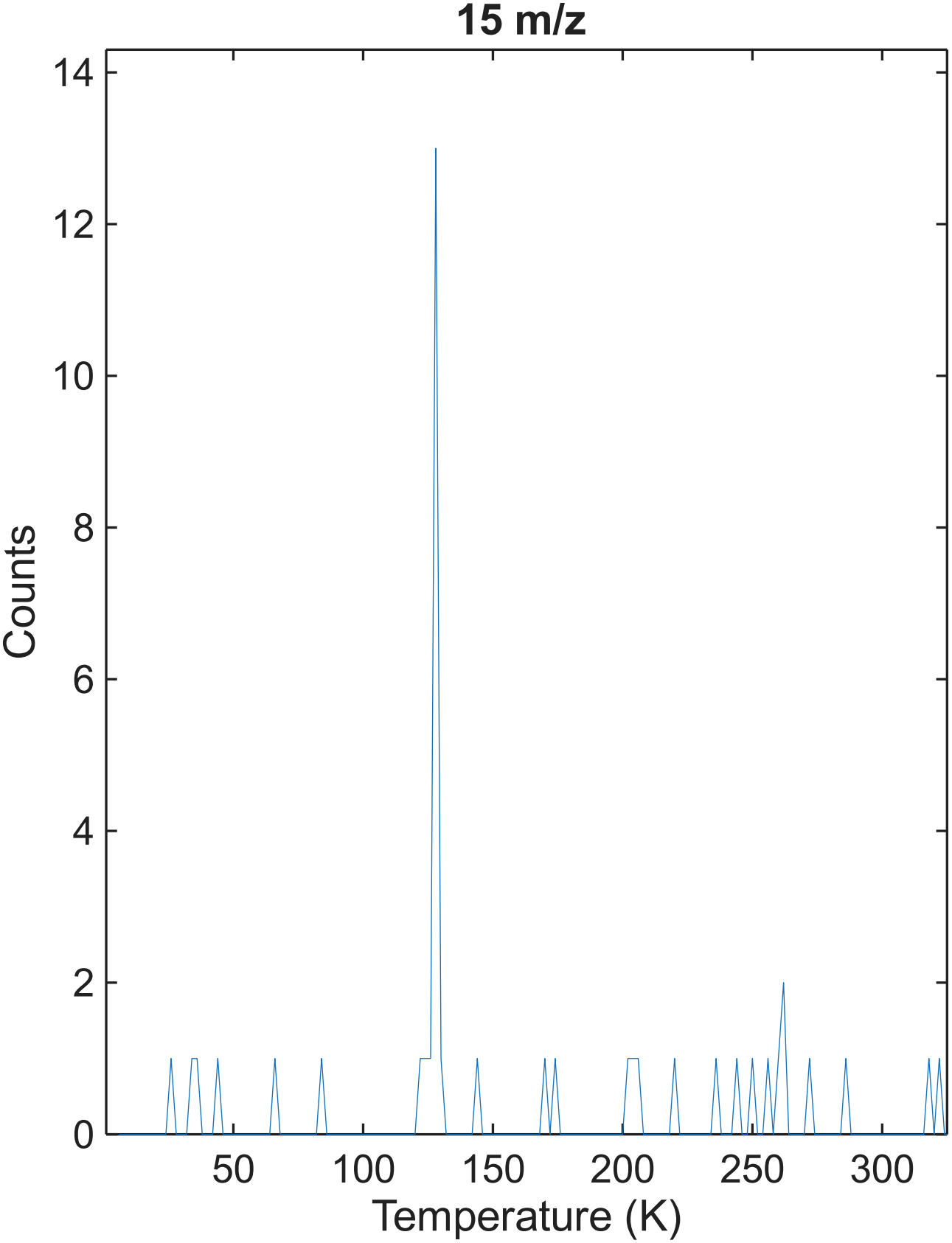

10 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
50
100
150
200
250
300

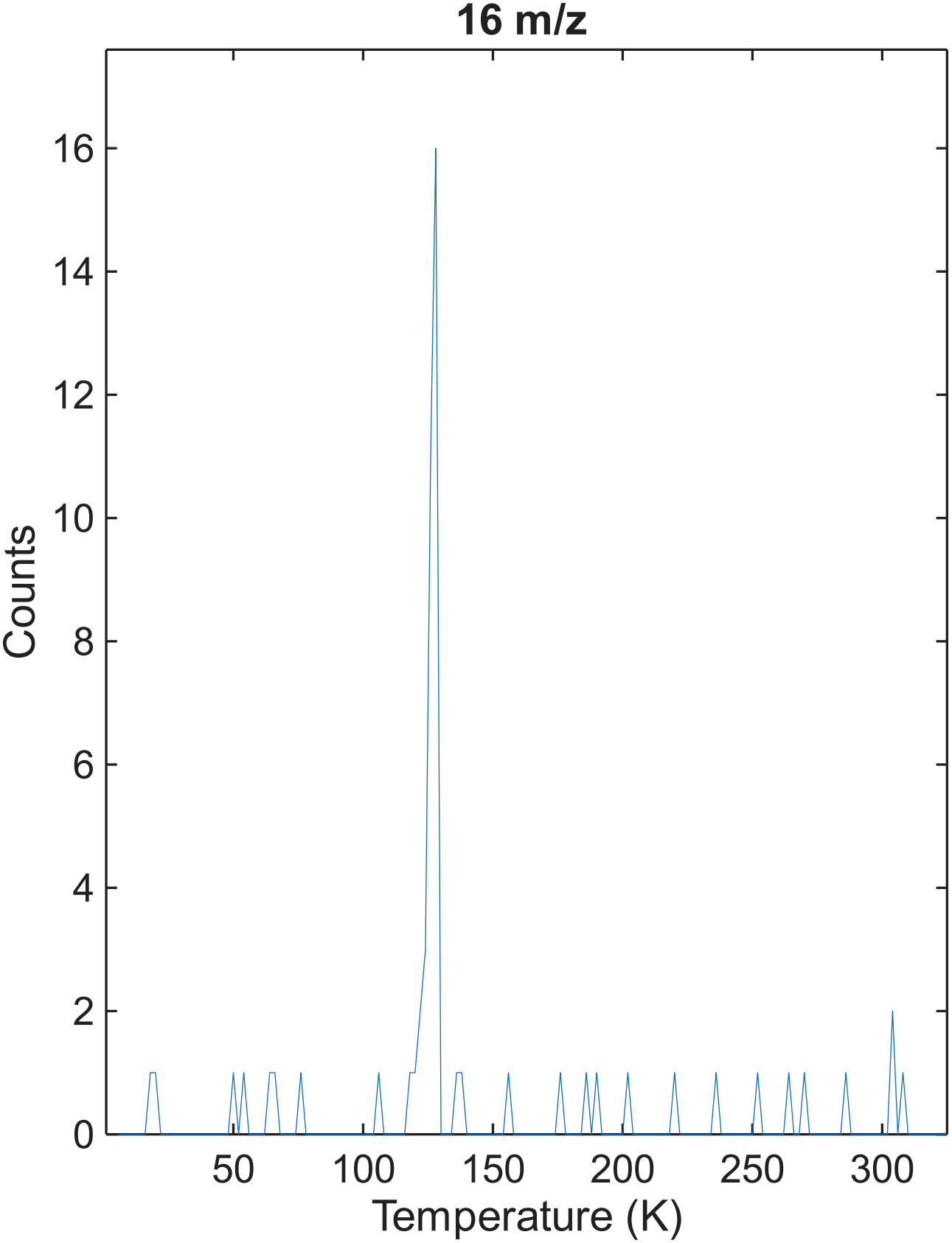

11 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

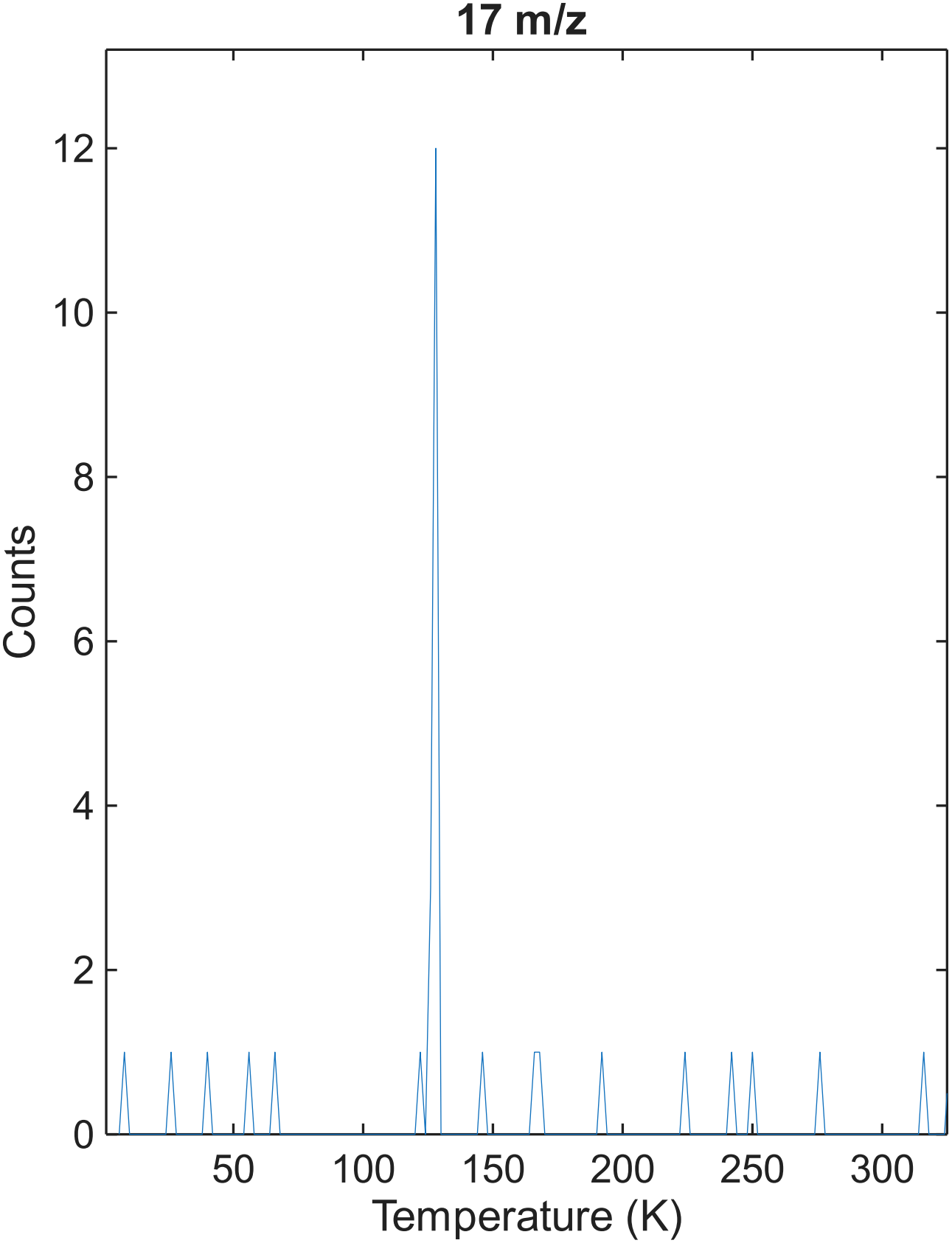

12 m/z
Counts
0
5
10
15
20
25
50
100
150
200
250
300
Temperature (K)

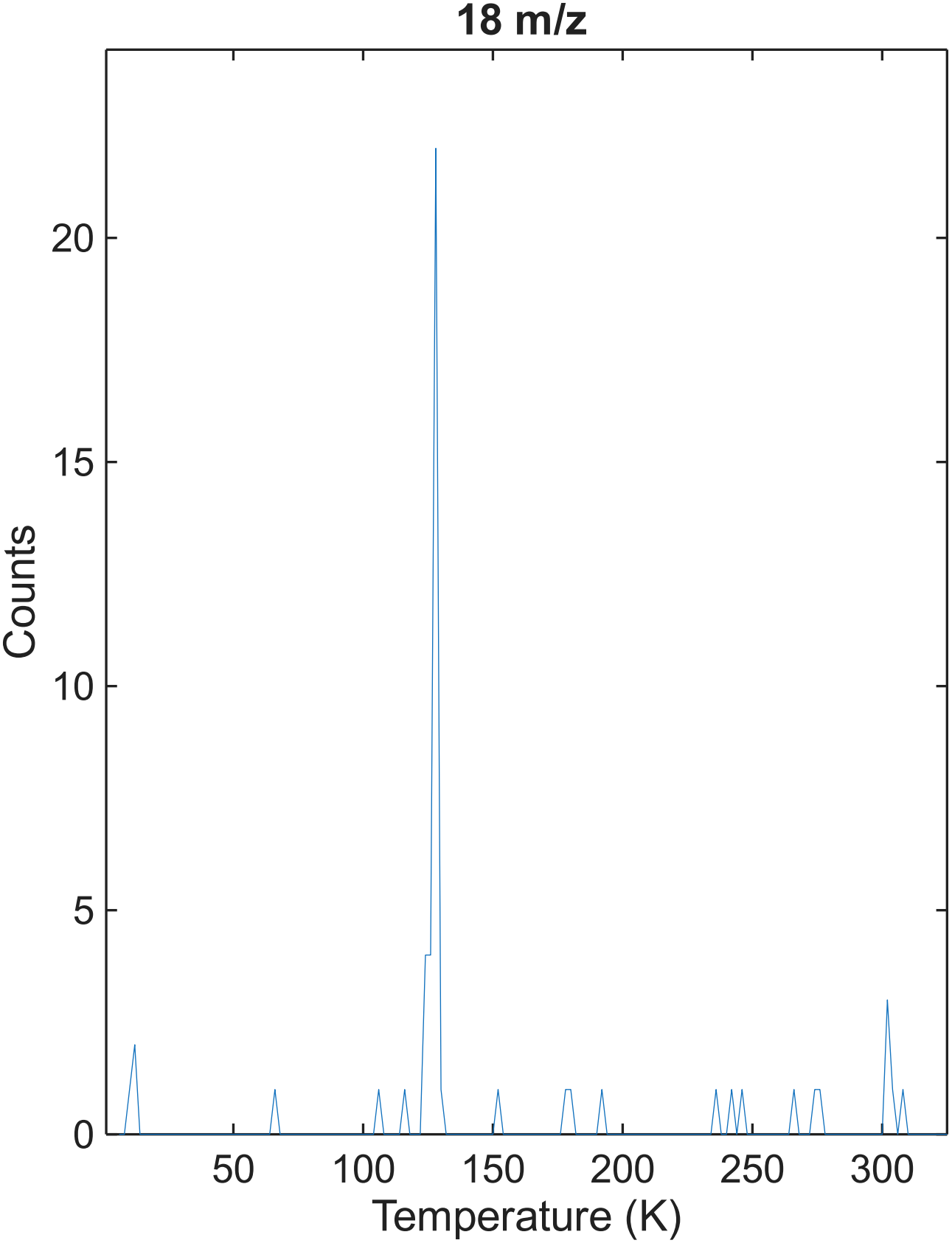

13 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
20
50
100
150
200
250
300

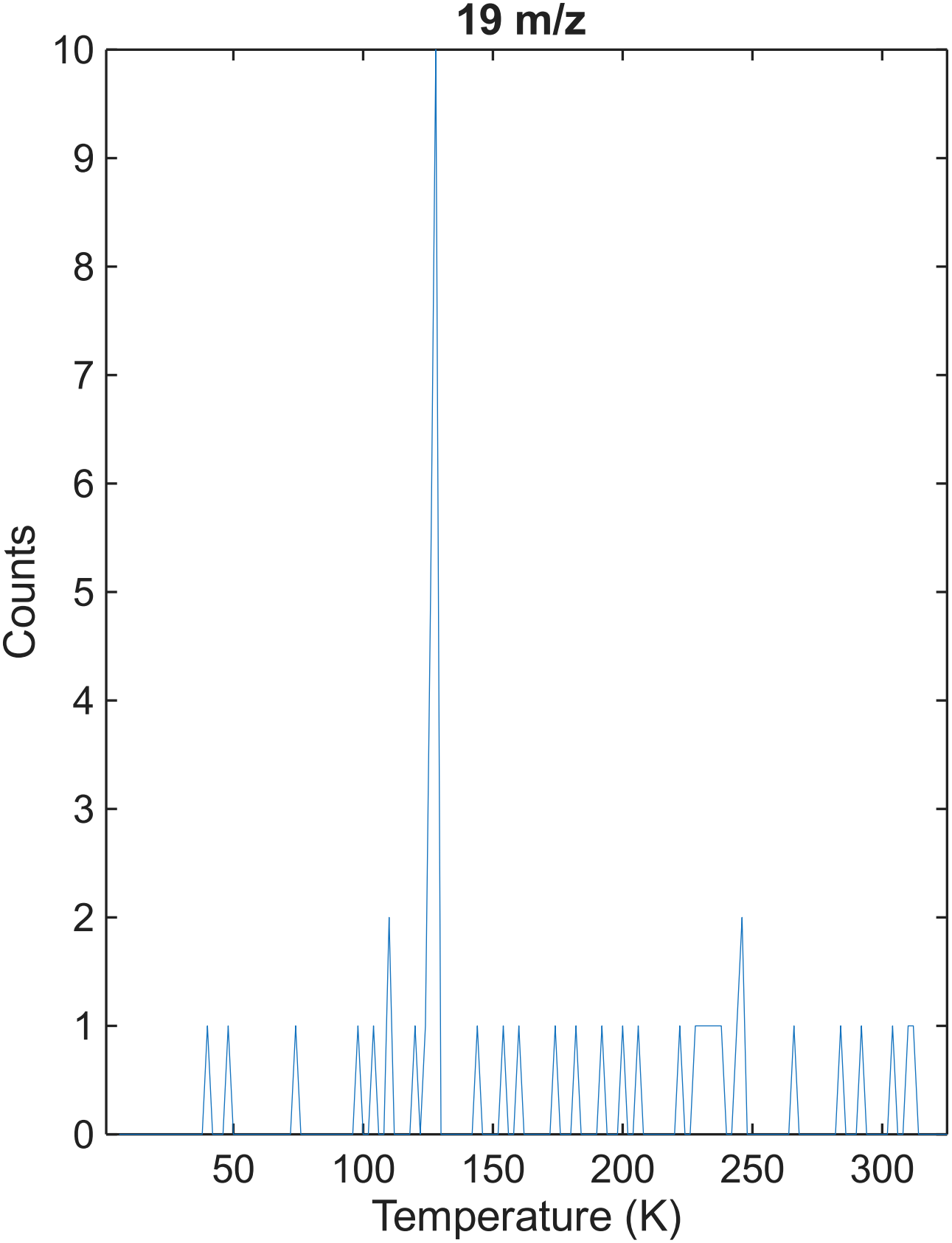

14 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300

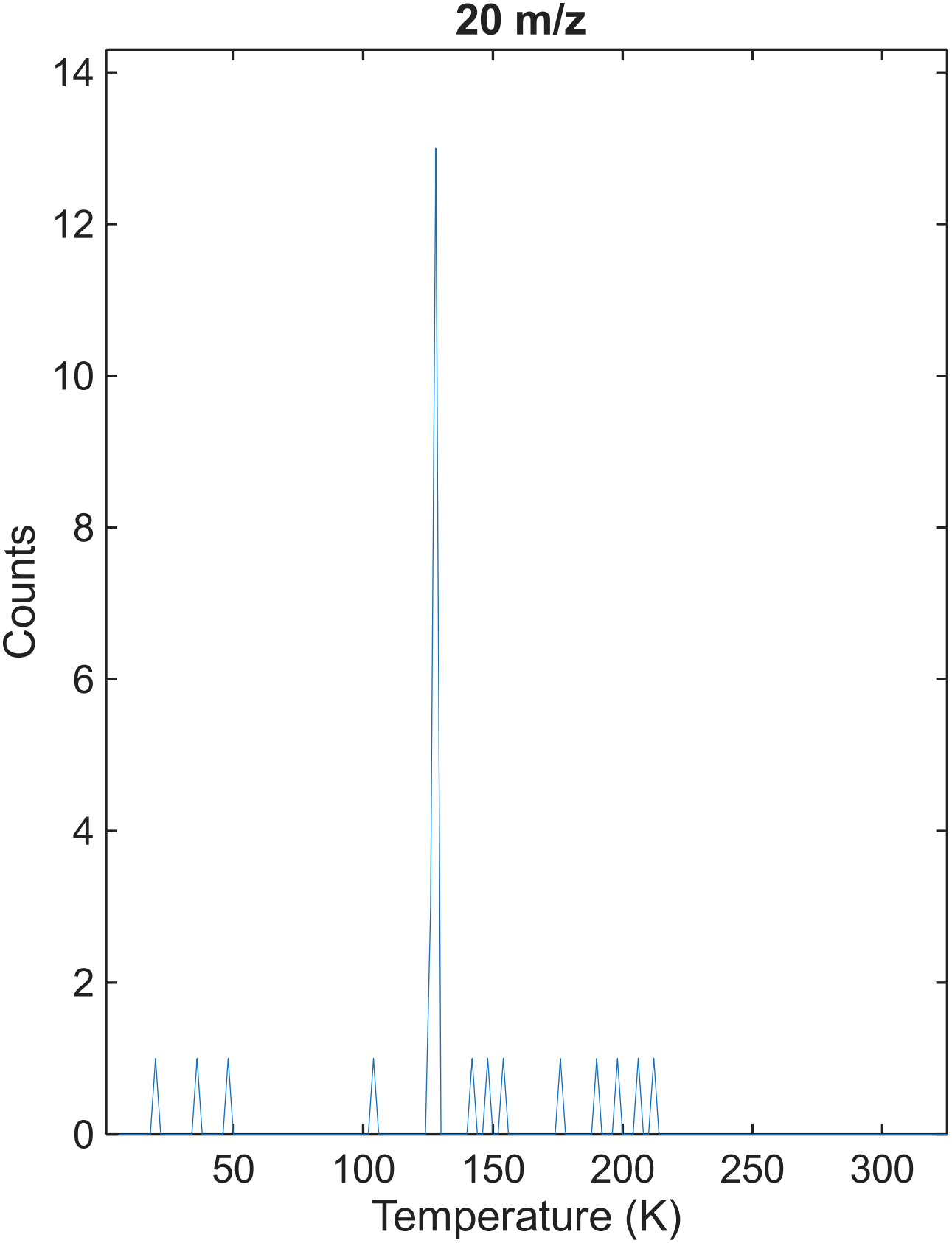

15 m/z
14
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

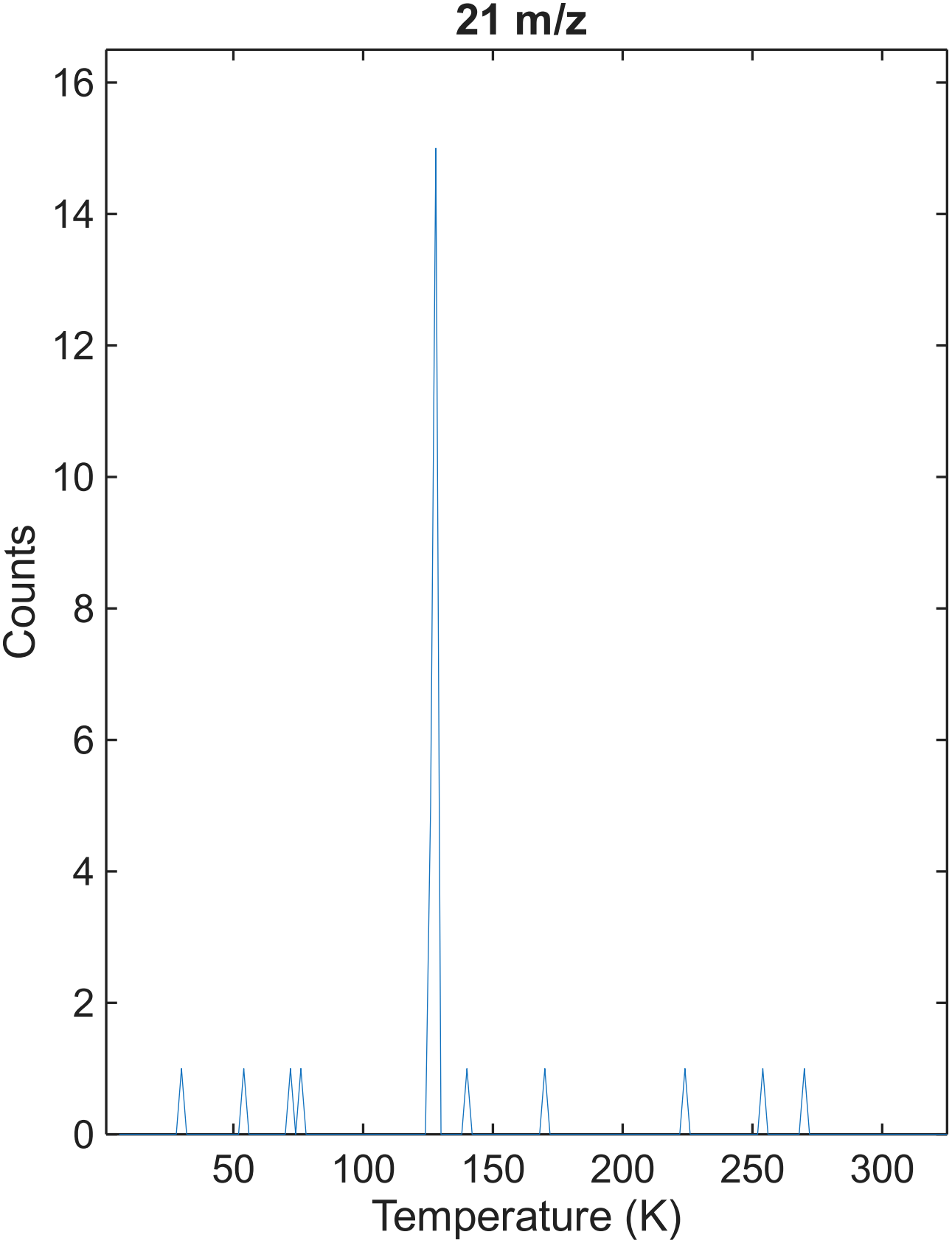

16 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
50
100
150
200
250
300

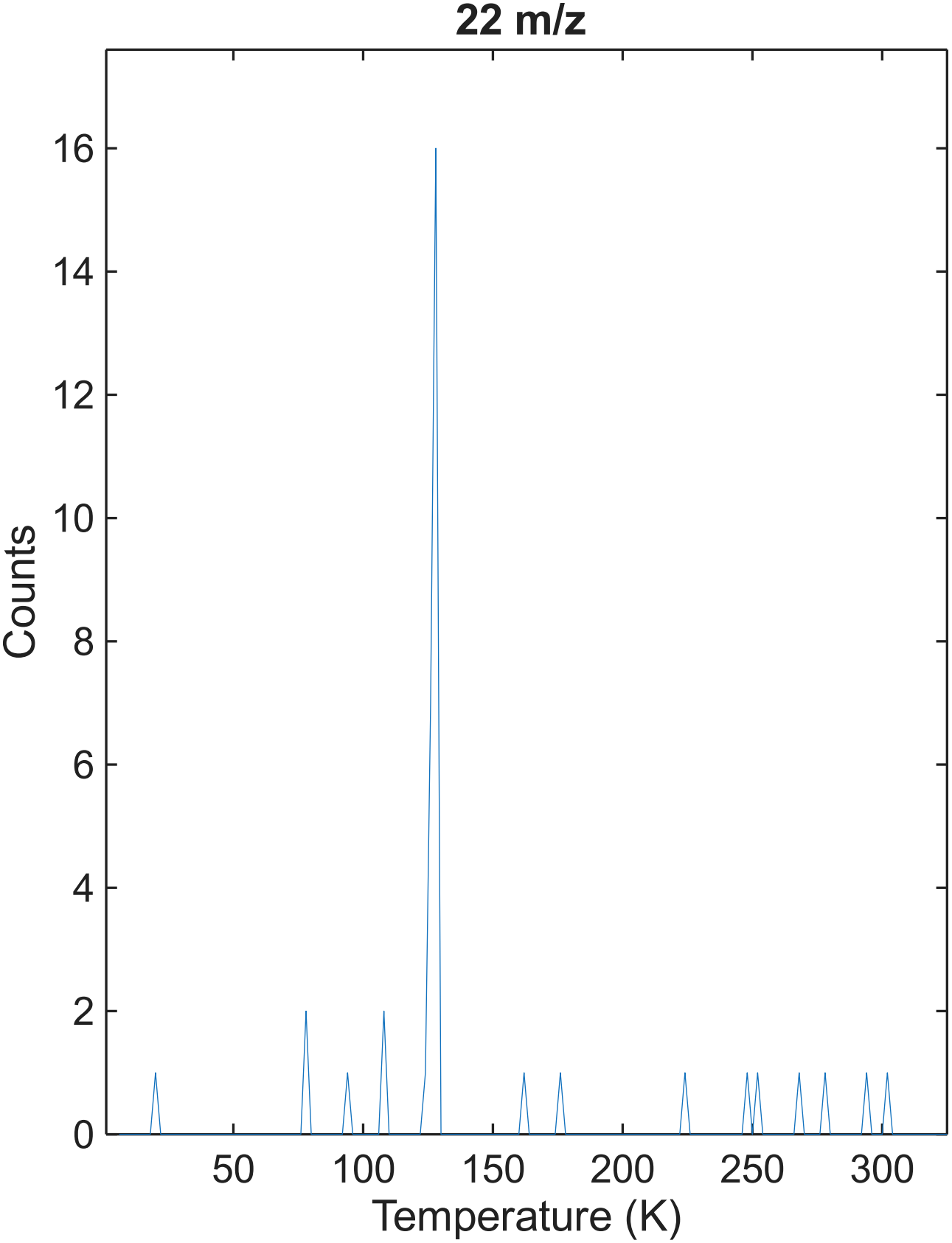

17 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

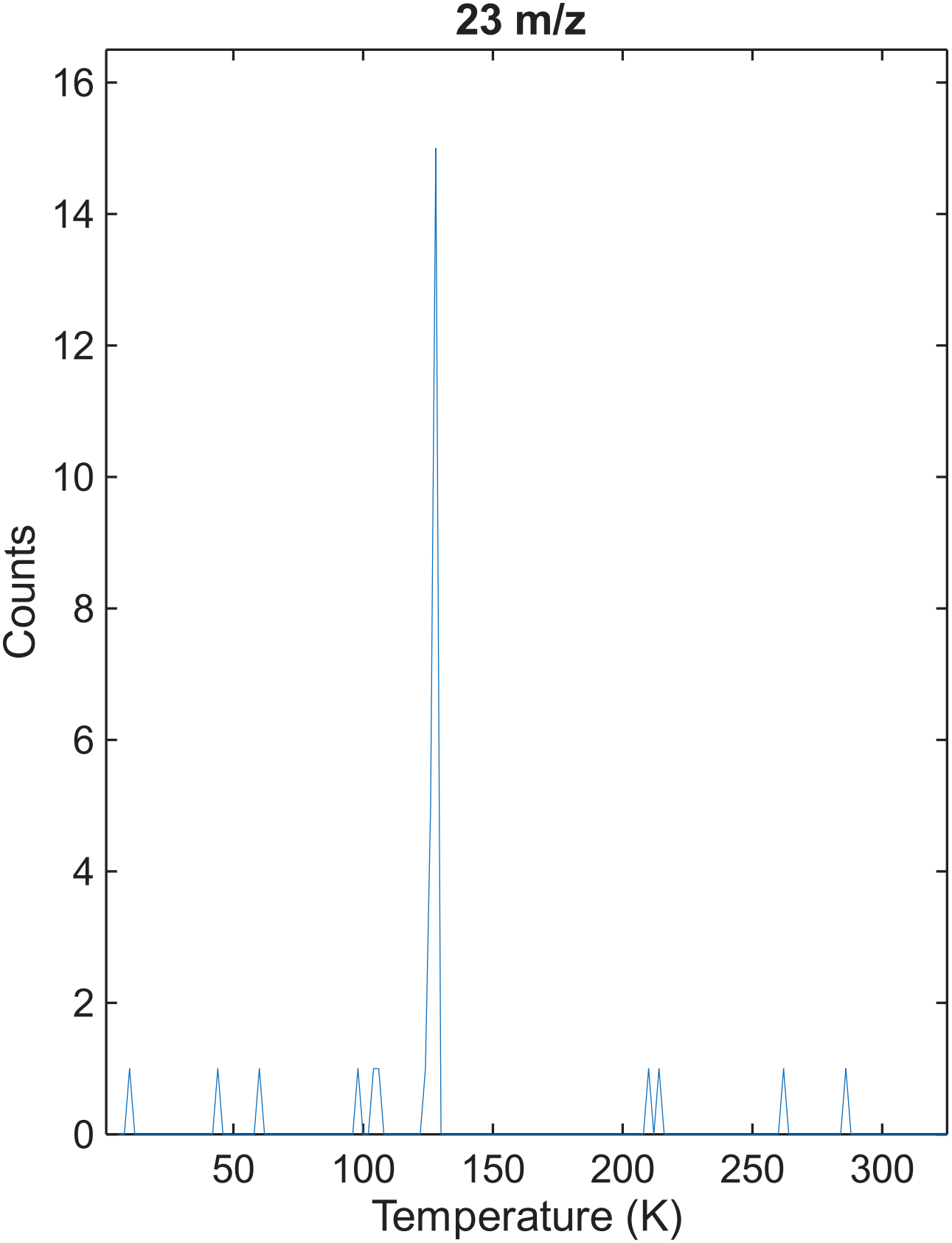

18 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

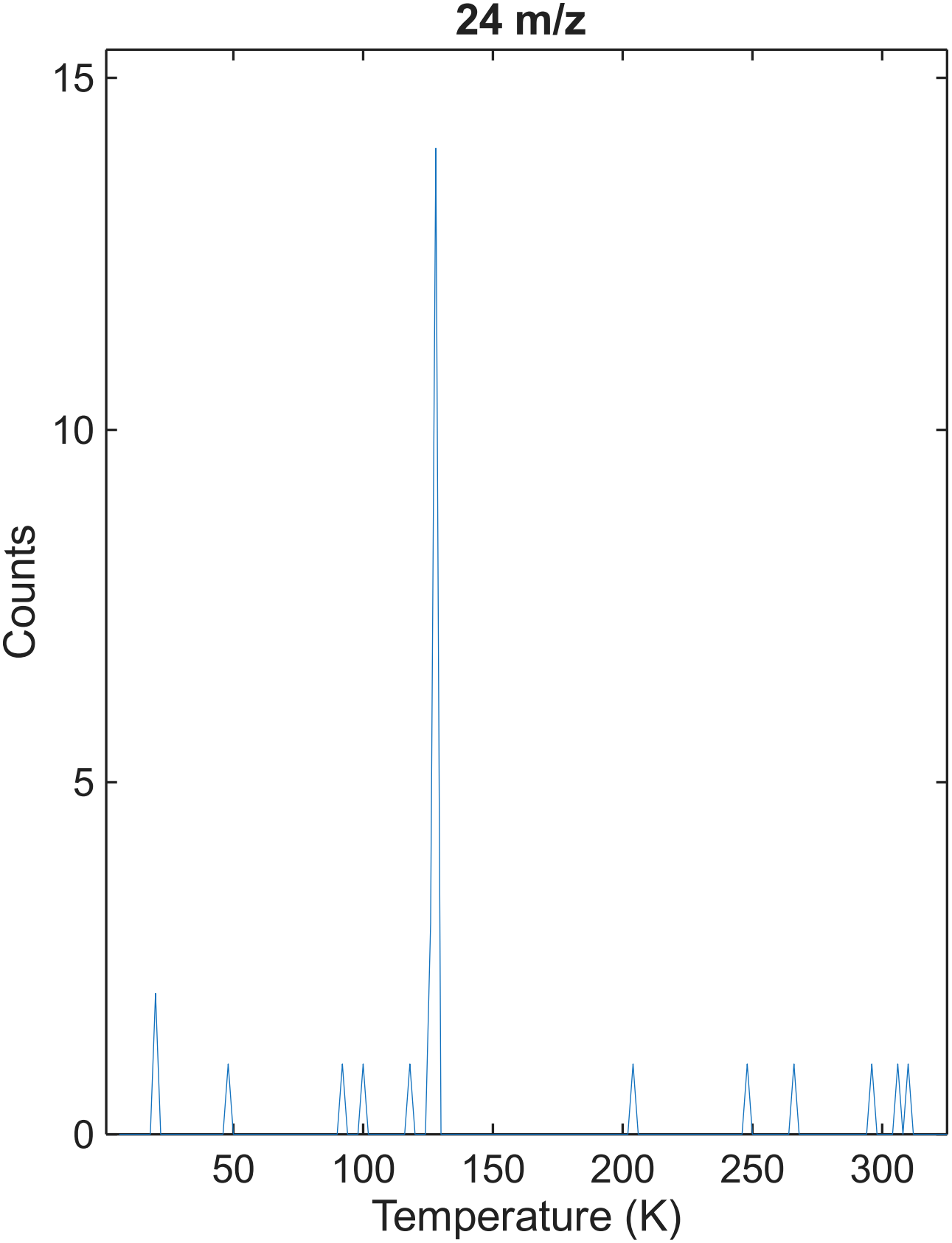

19 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

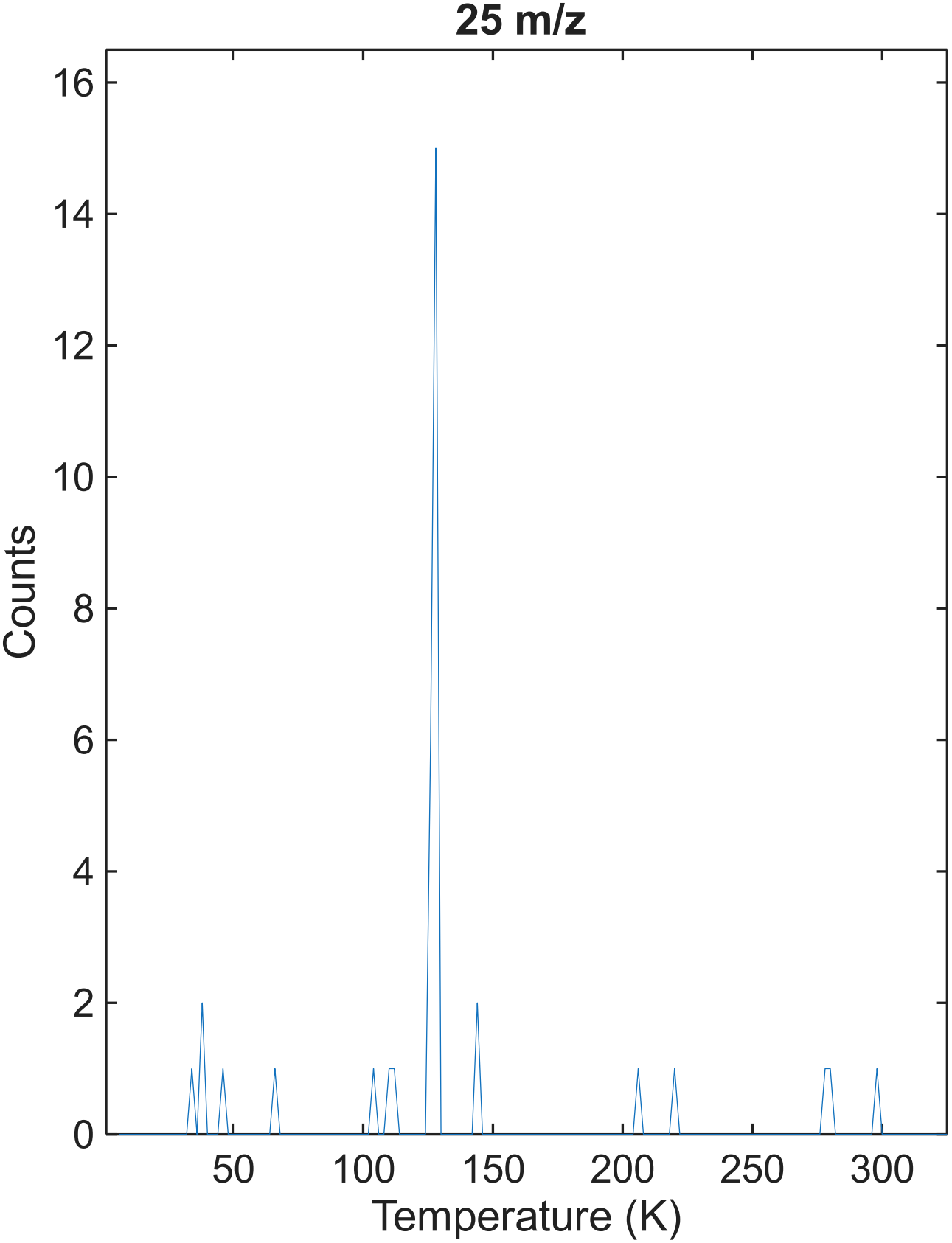

20 m/z
14
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

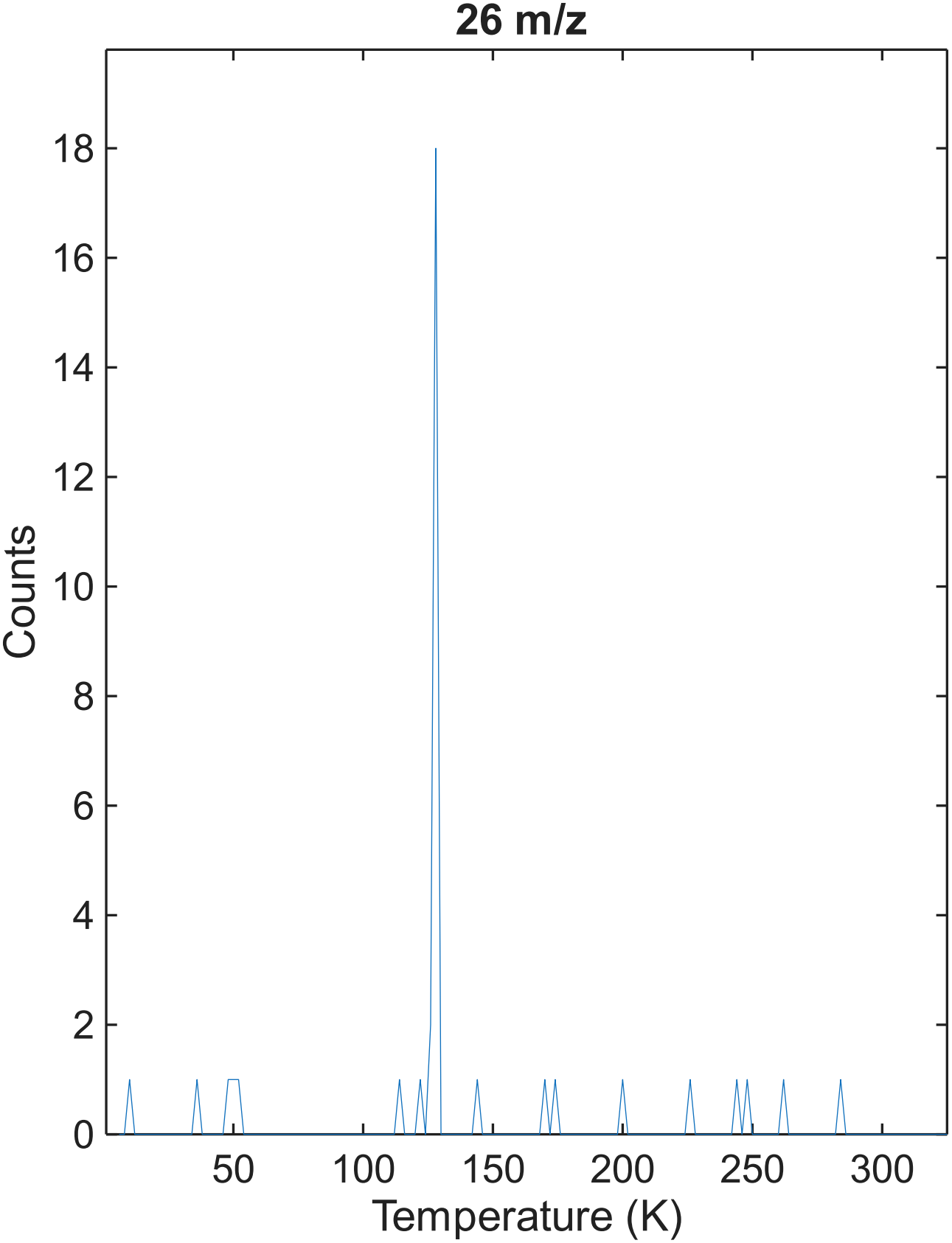

21 m/z
16
14
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

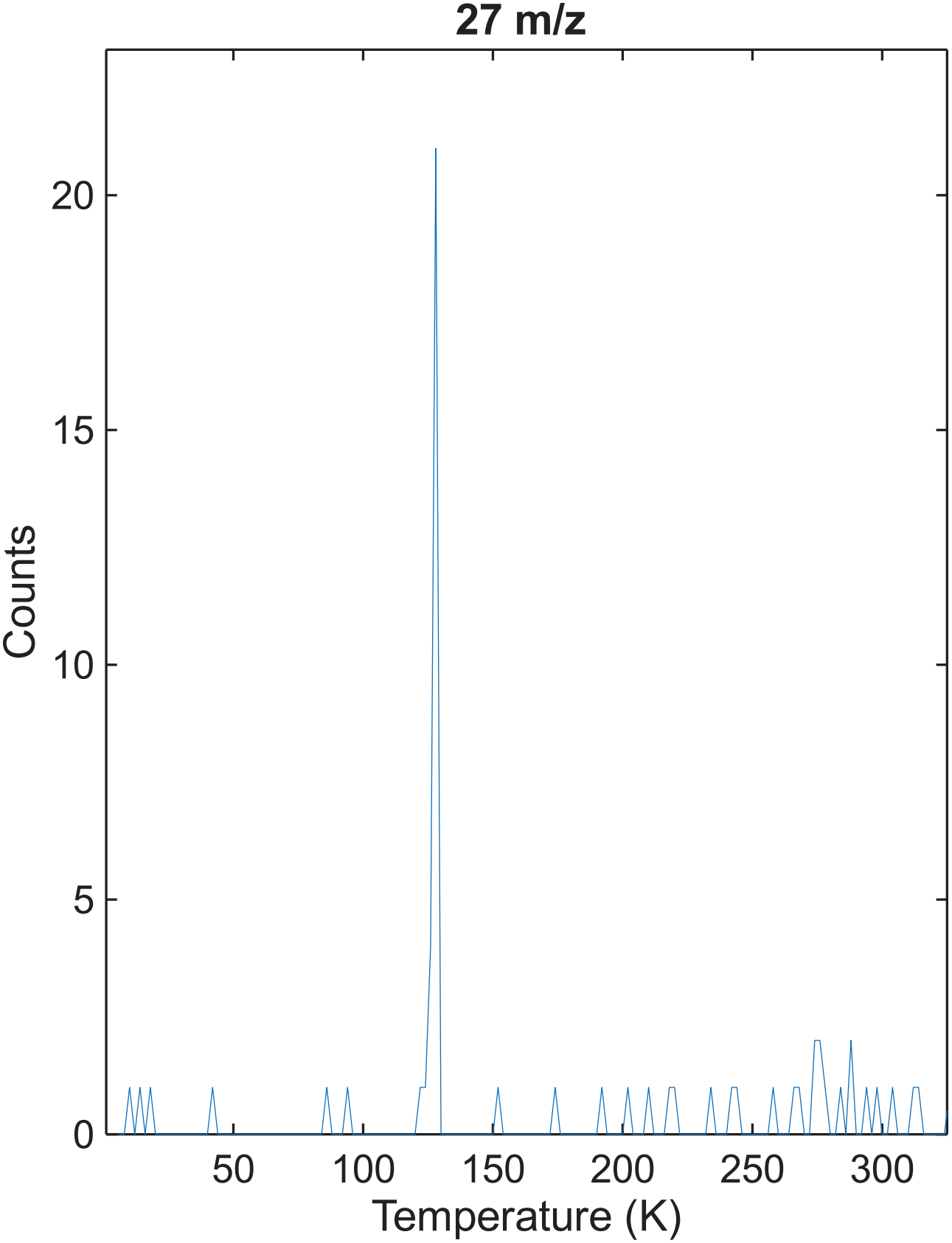

22 m/z
16
14
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

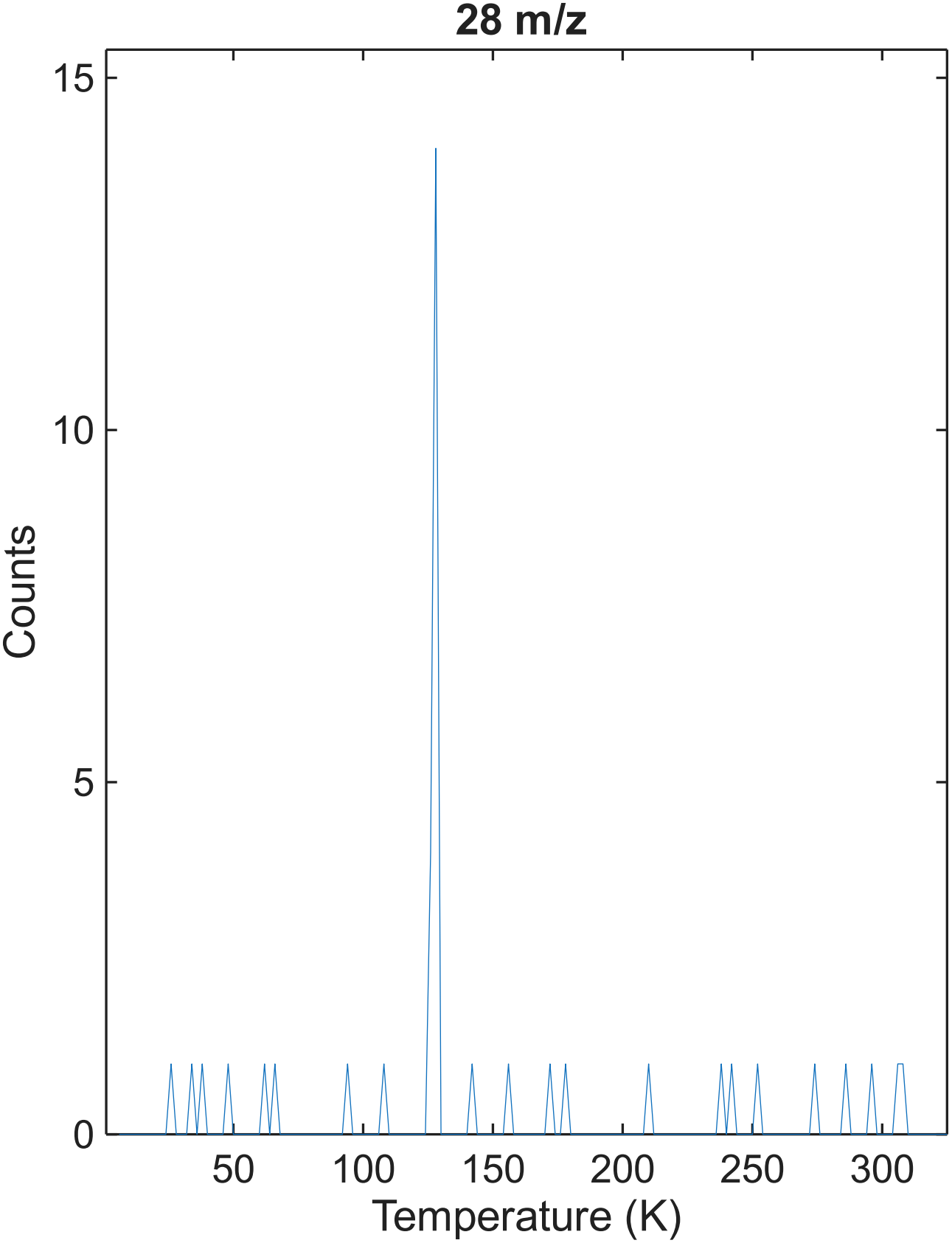

23 m/z
16
14
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

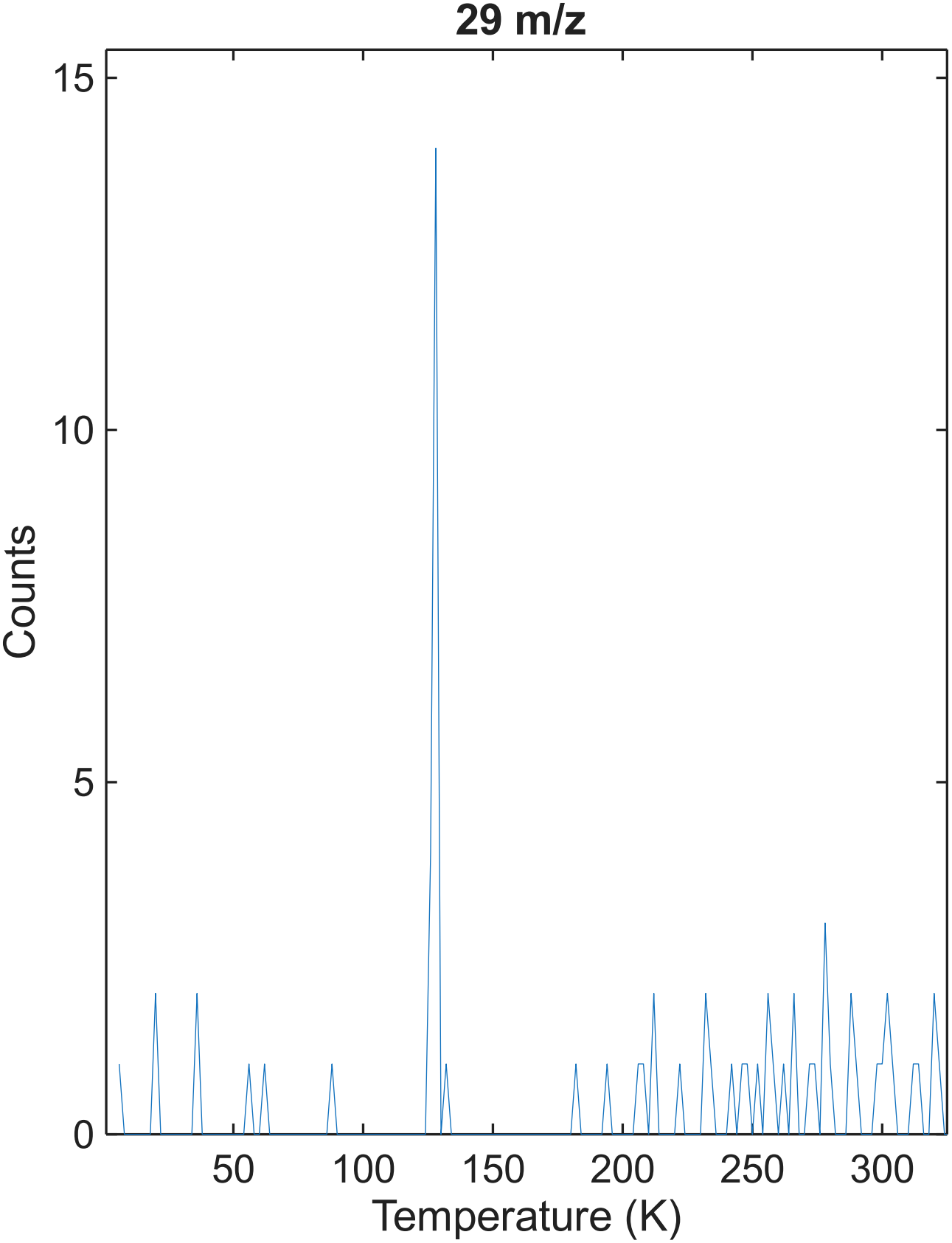

24 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

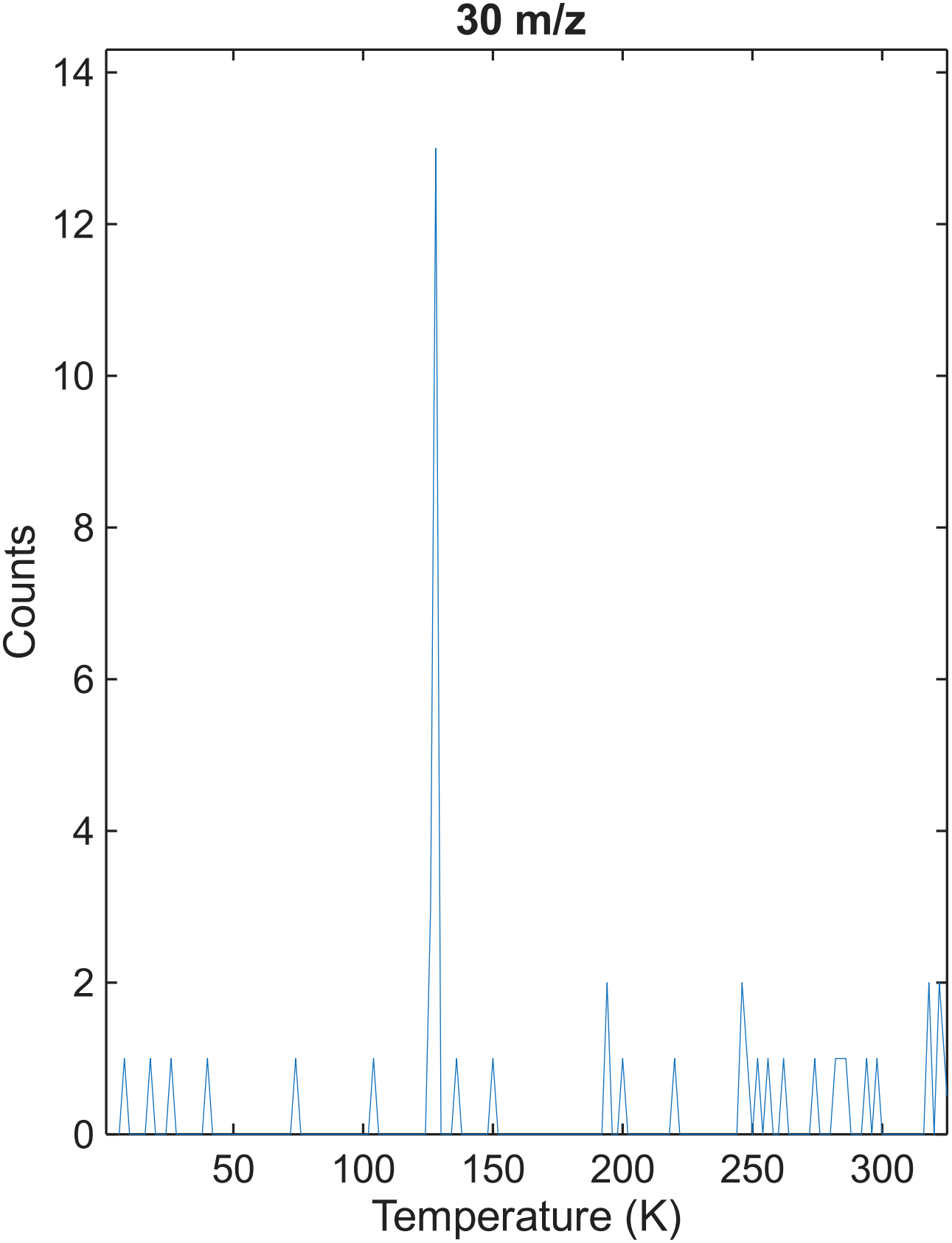

25 m/z
16
14
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

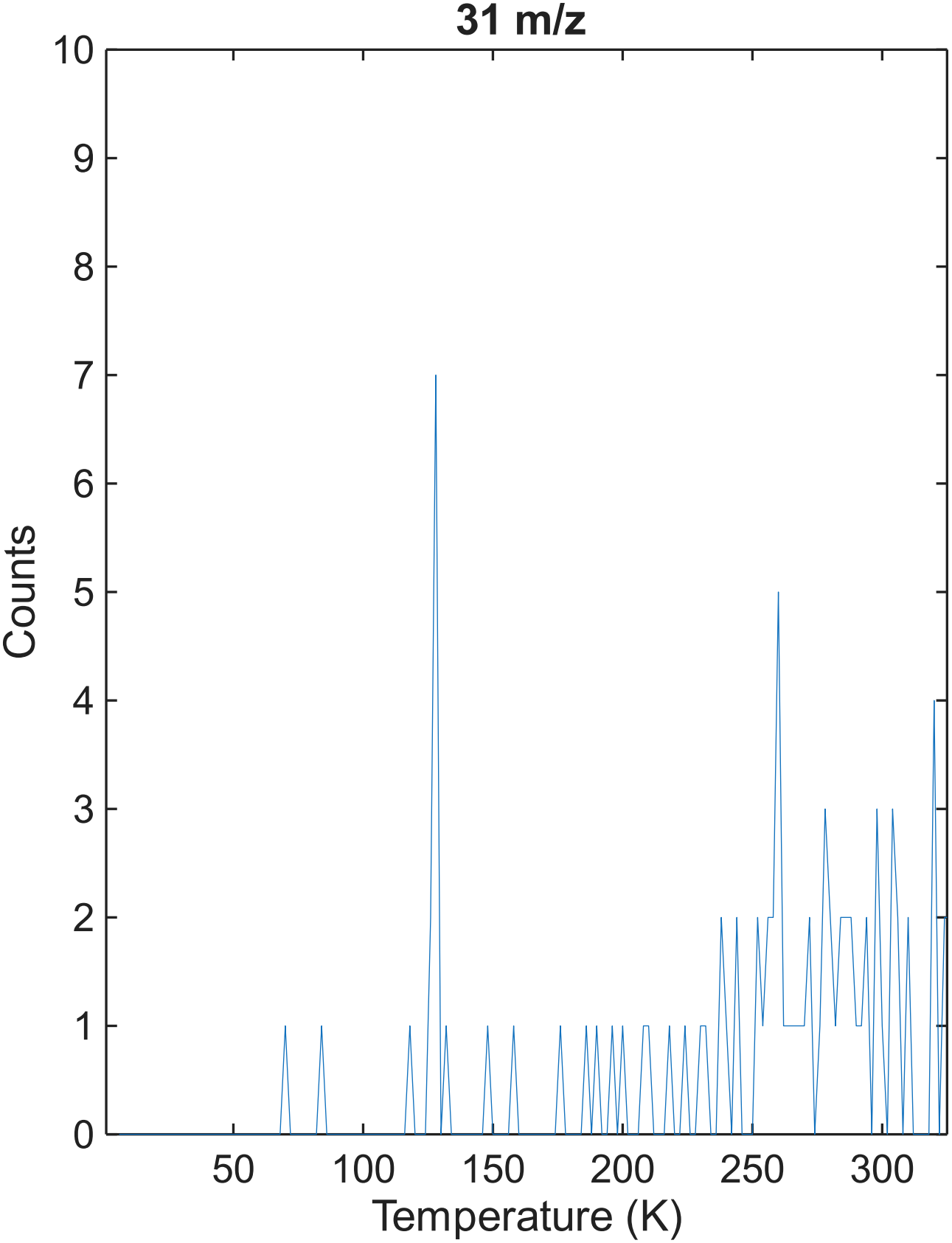

26 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
50
100
150
200
250
300

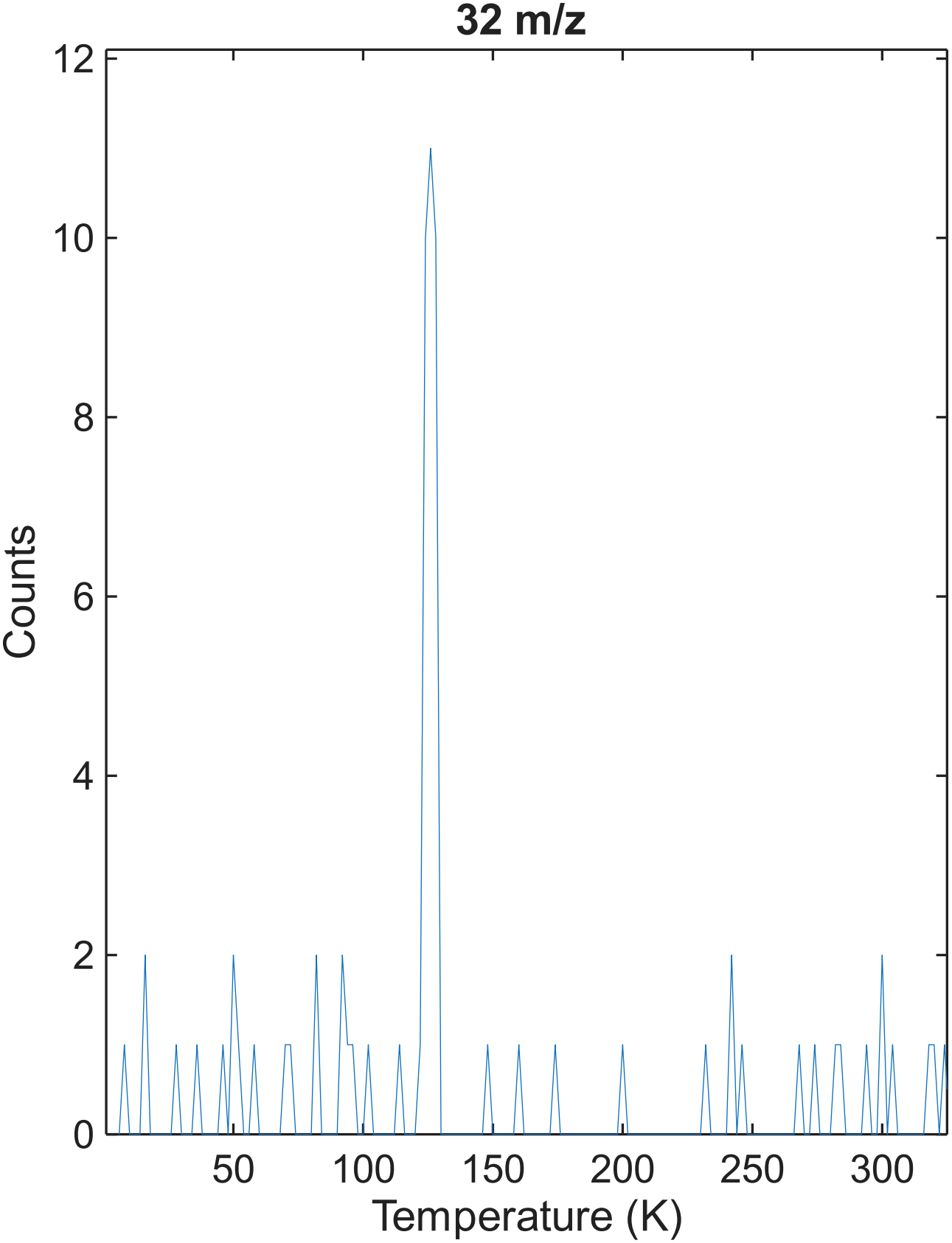

27 m/z
Counts
0
5
10
15
20
50
100
150
200
250
300
Temperature (K)

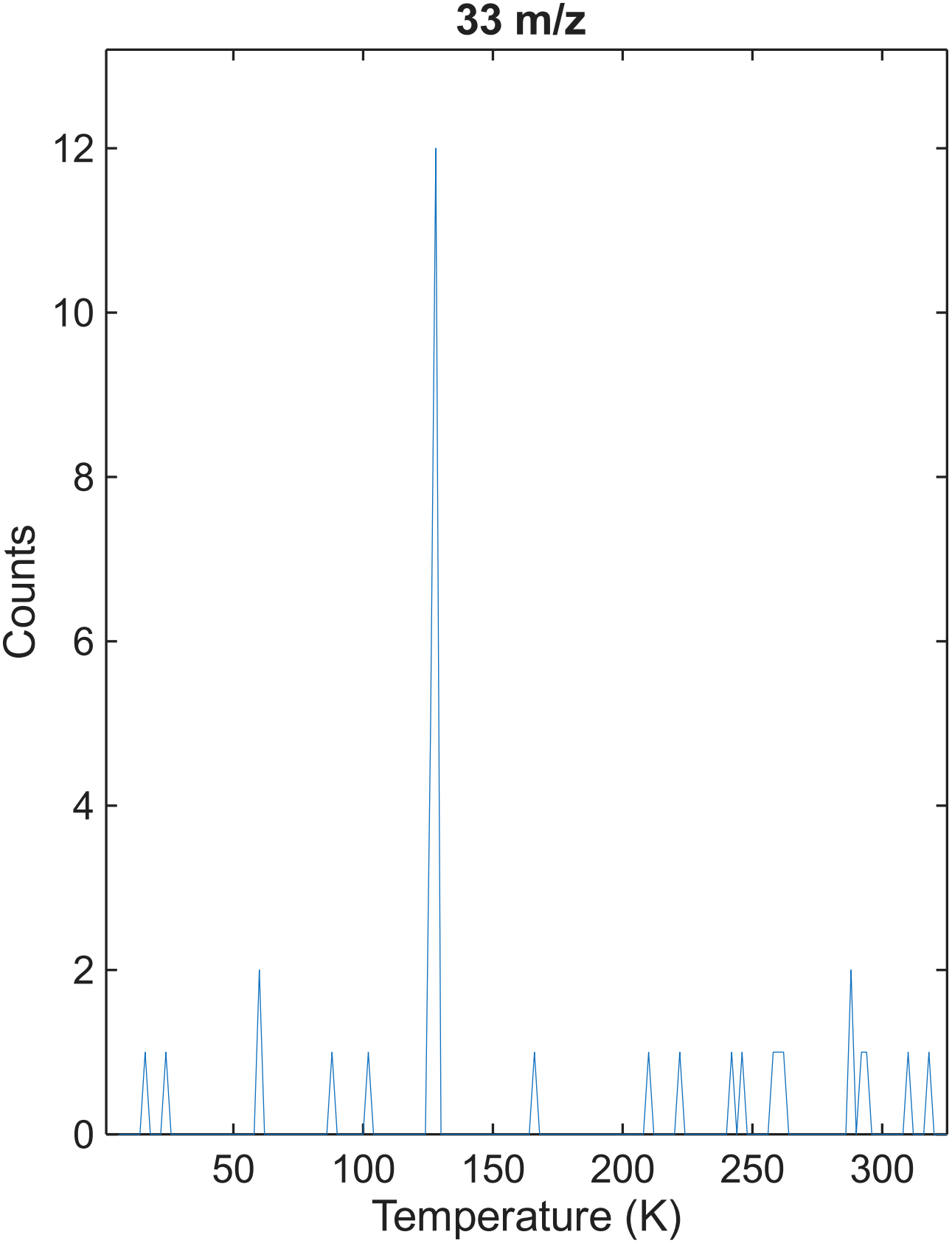

28 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

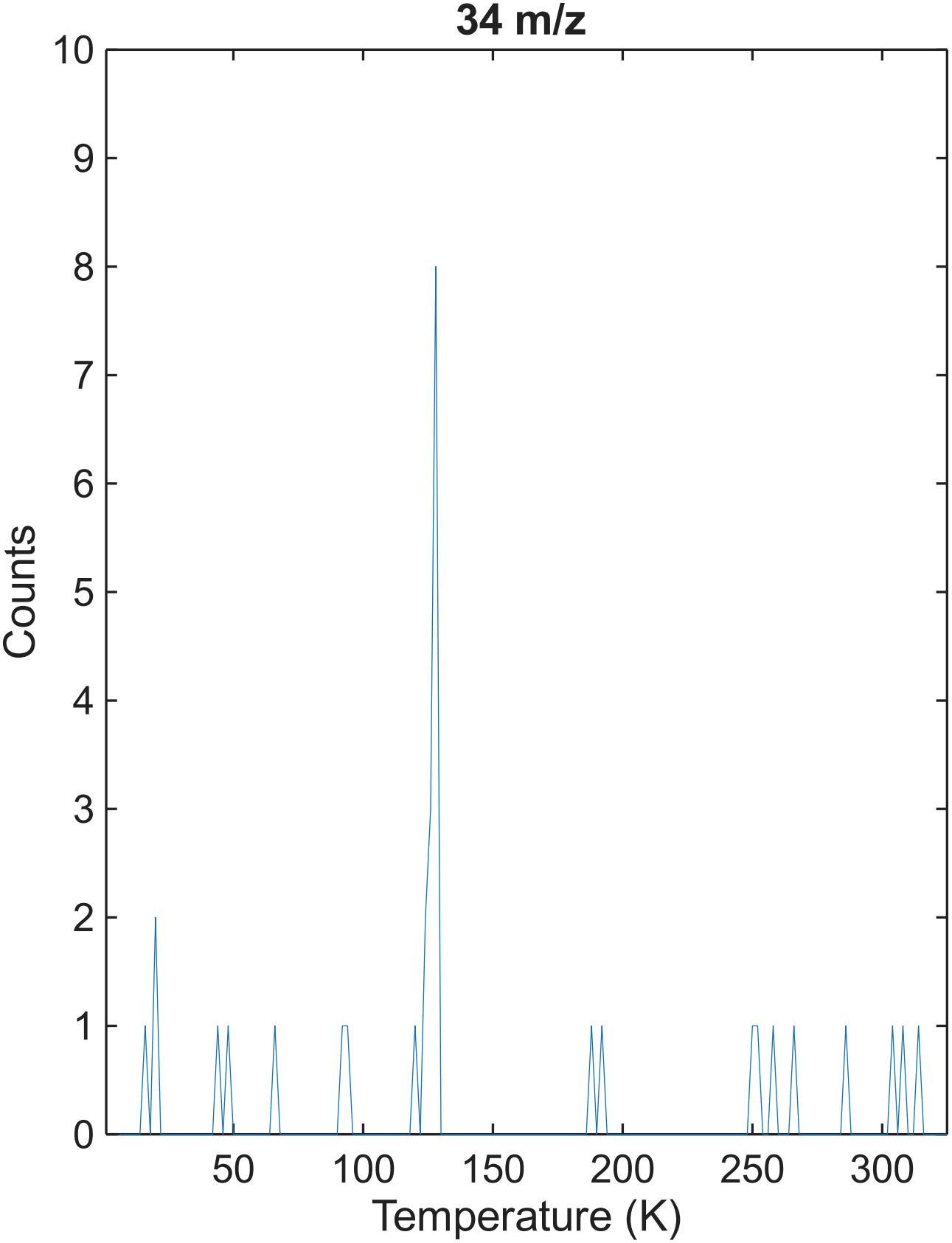

29 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

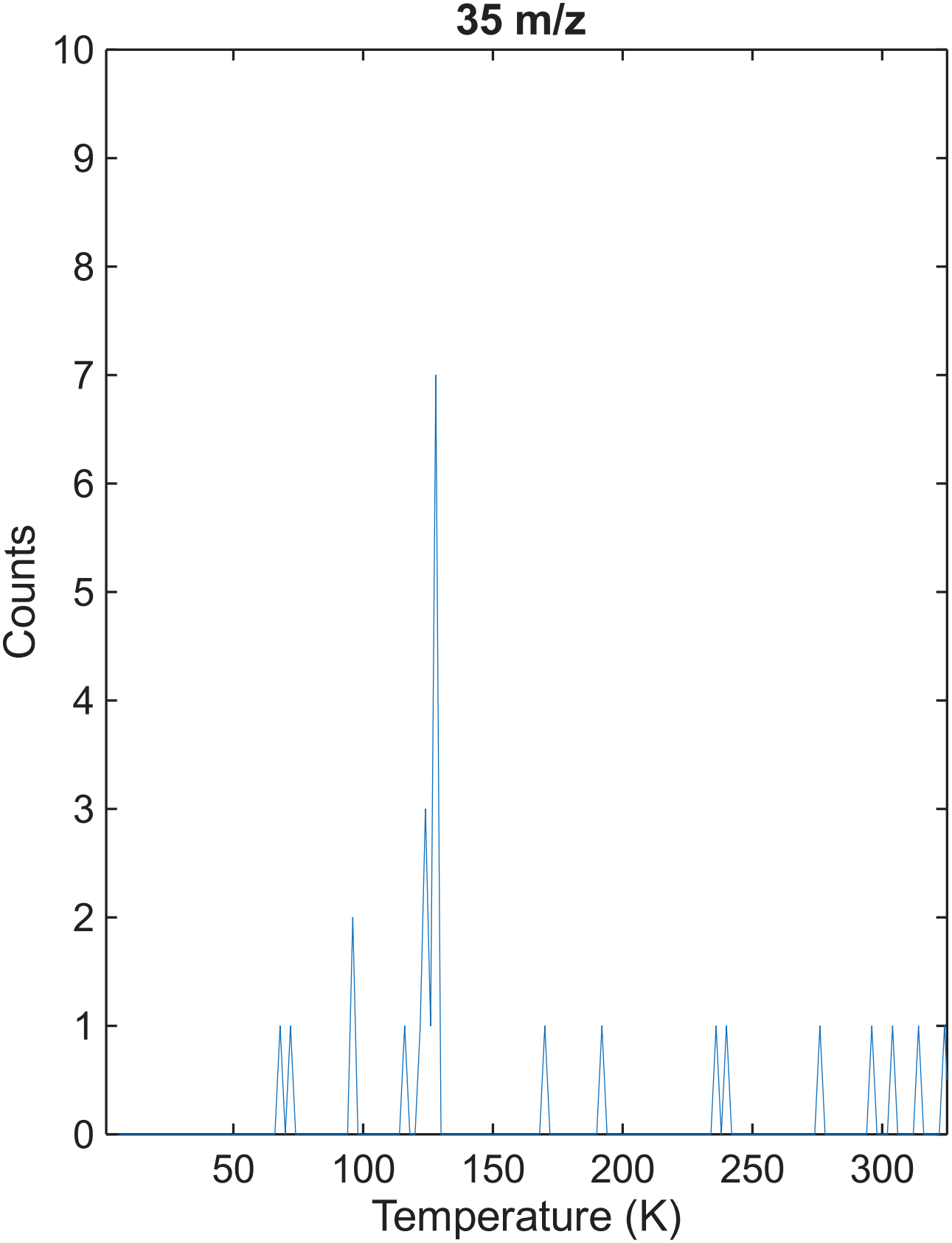

30 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
50
100
150
200
250
300

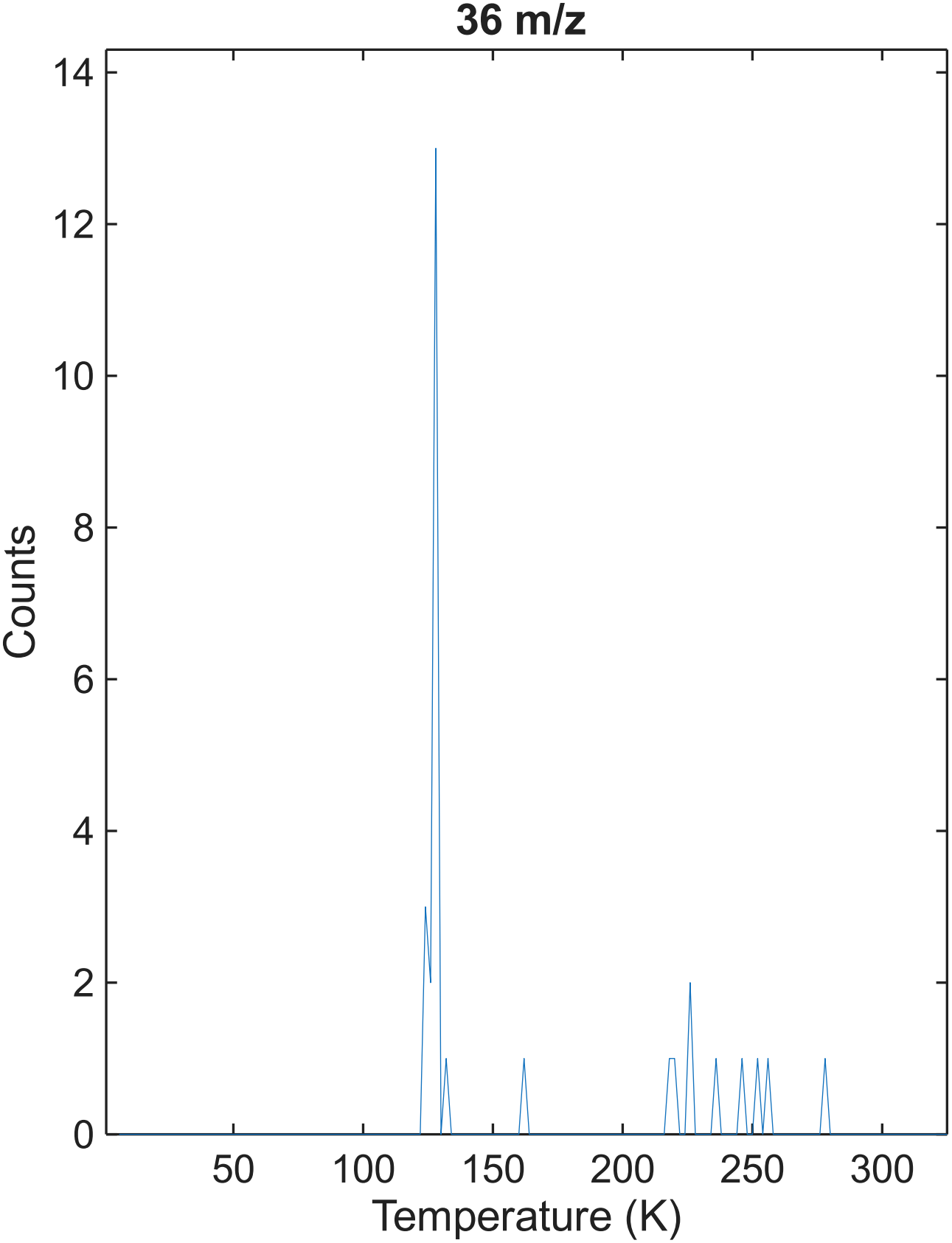

31 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

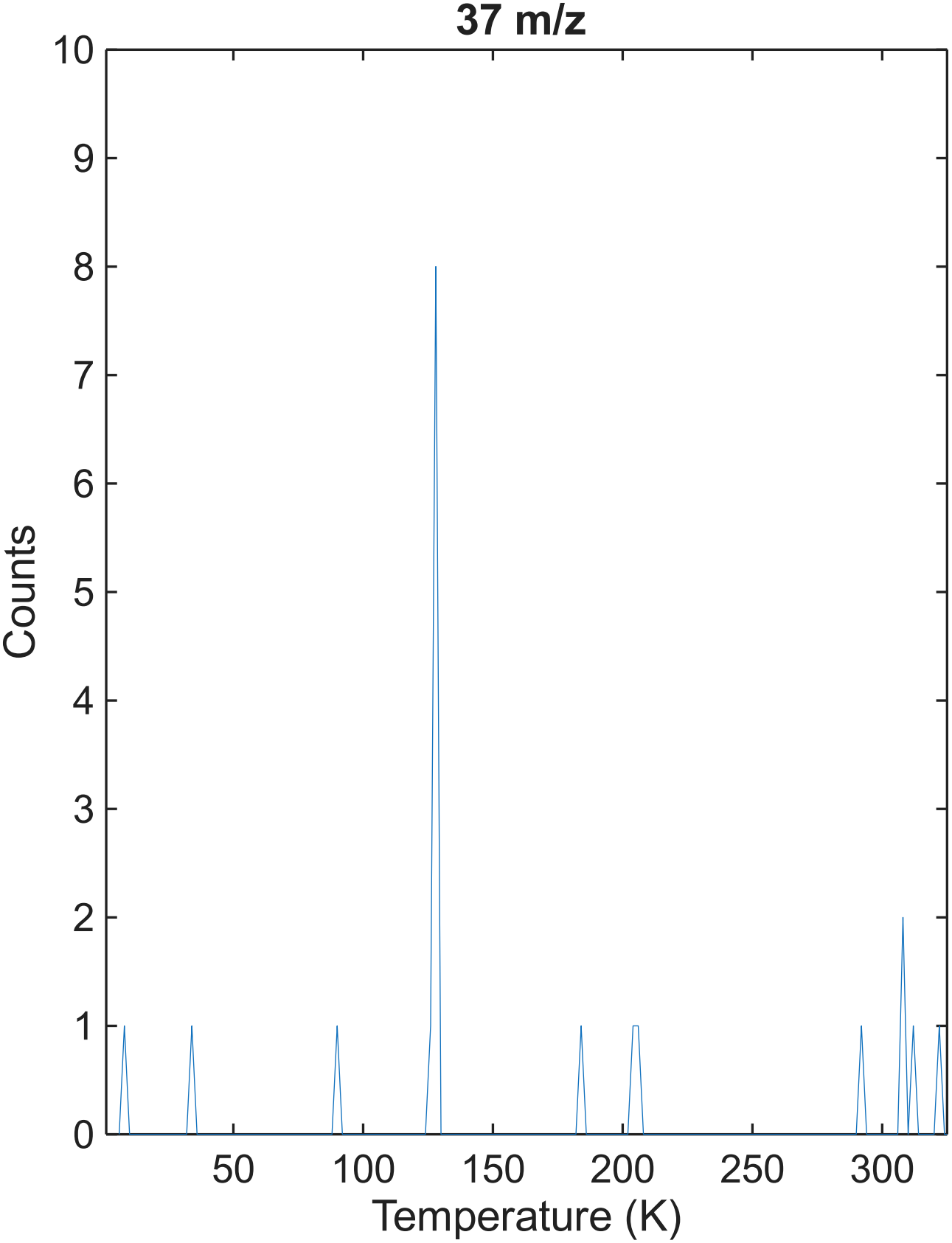

32 m/z
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

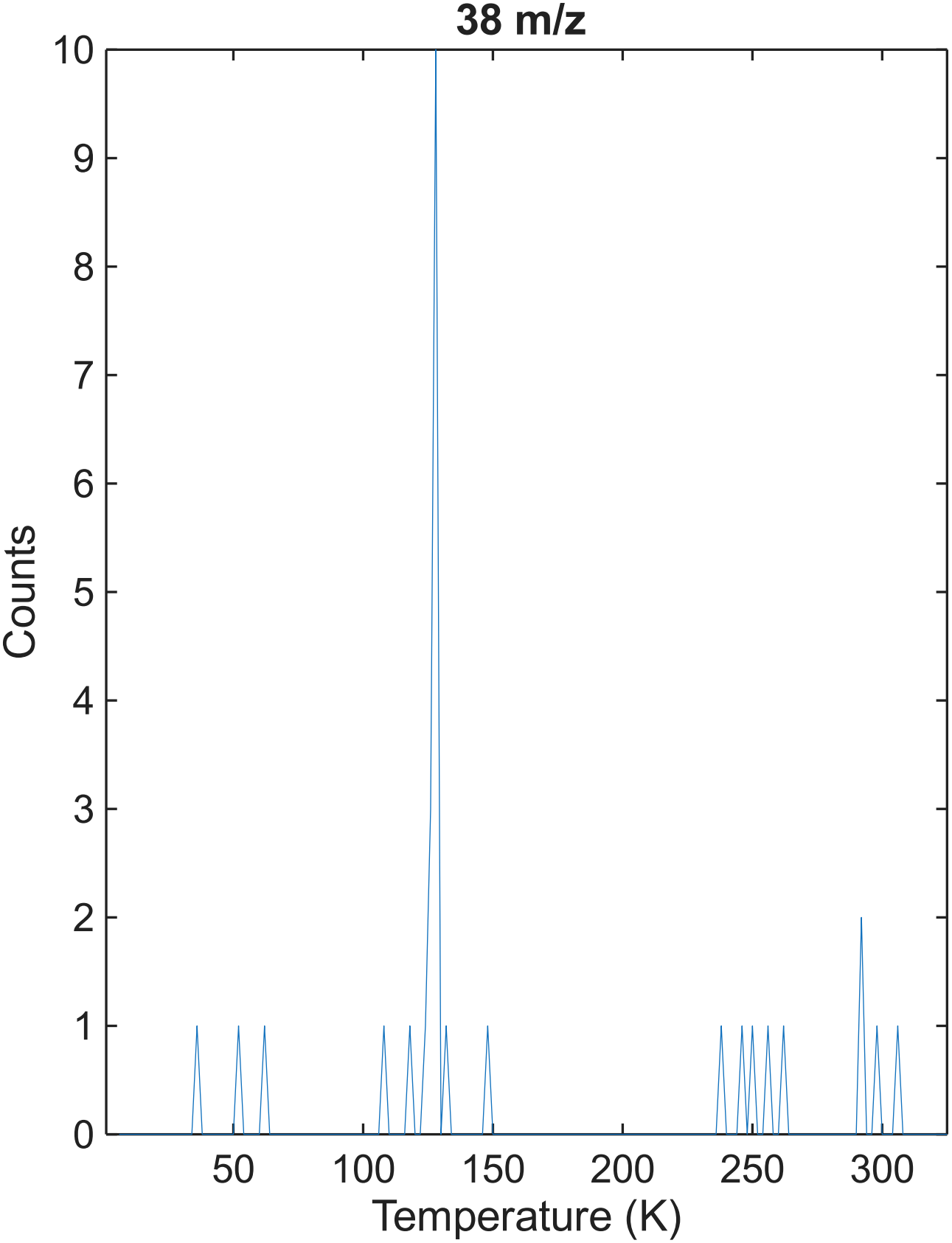

33 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

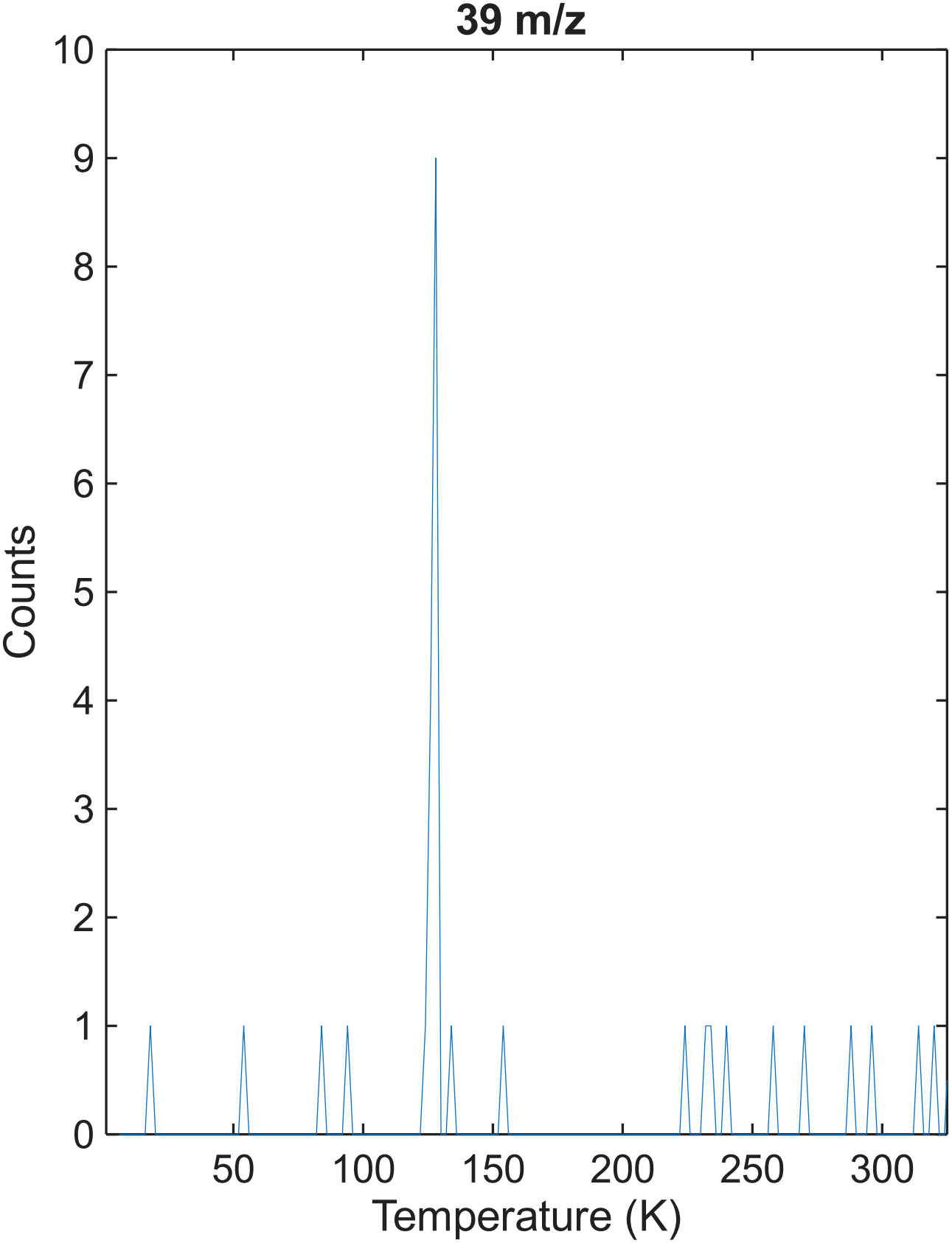

34 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

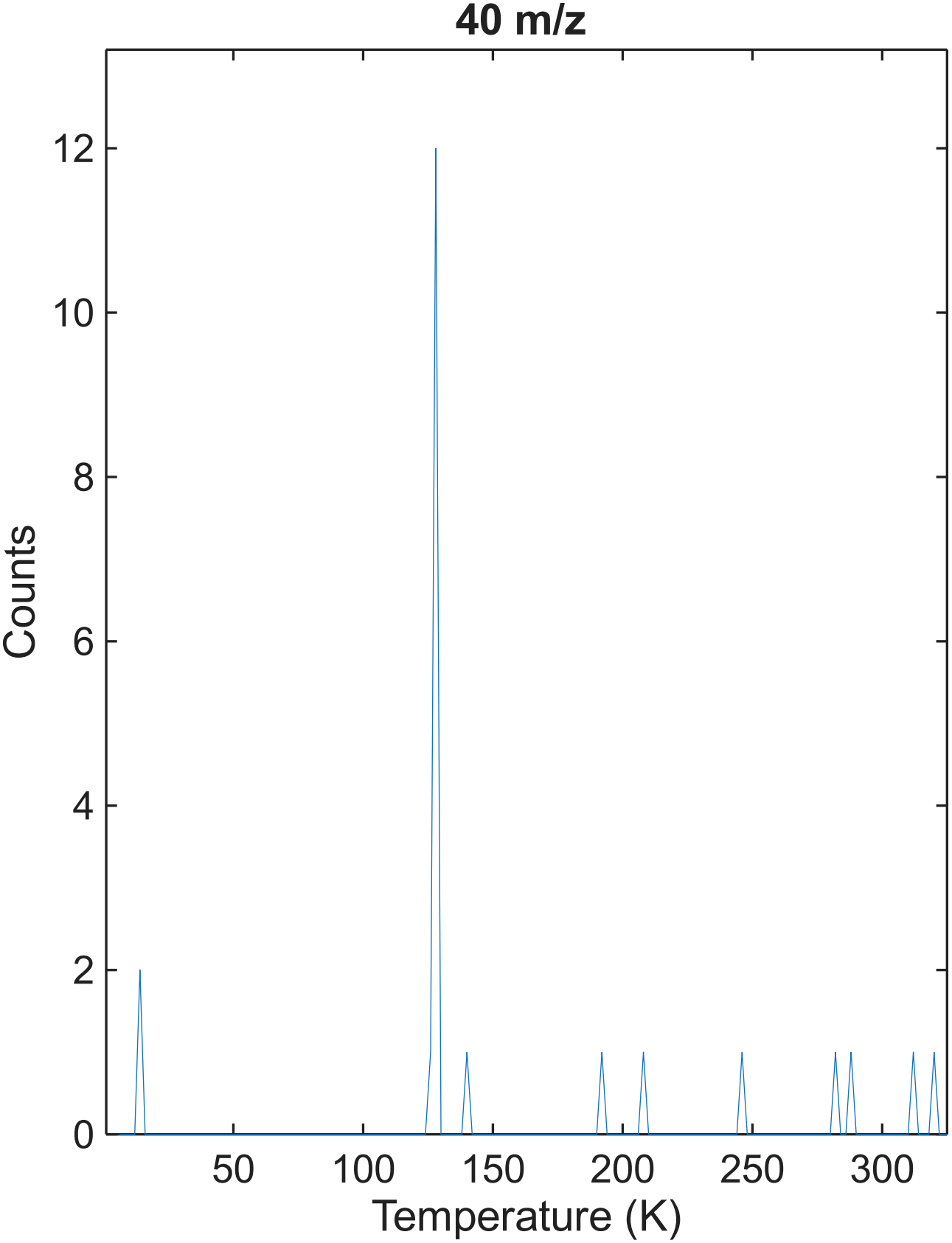

35 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

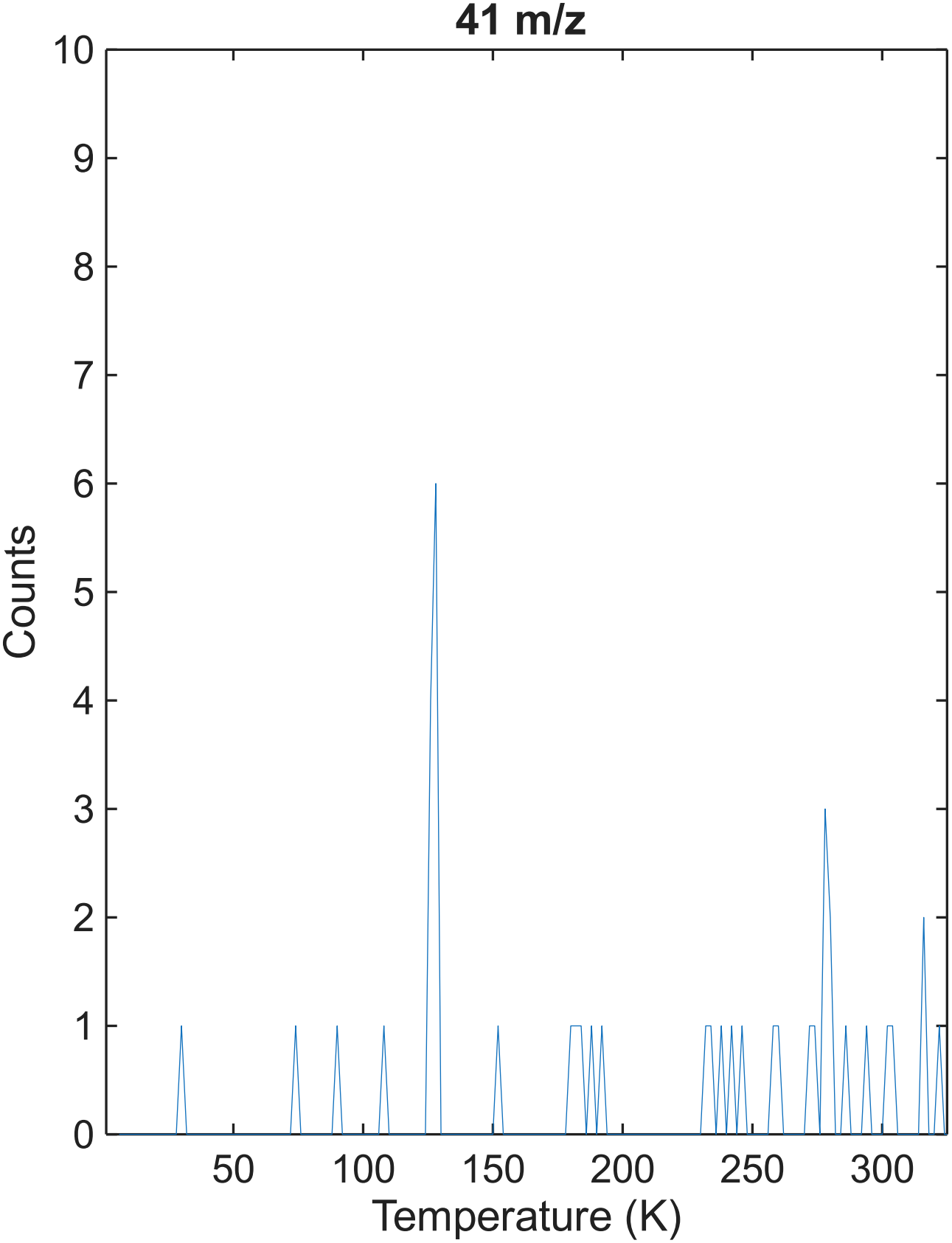

36 m/z
14
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

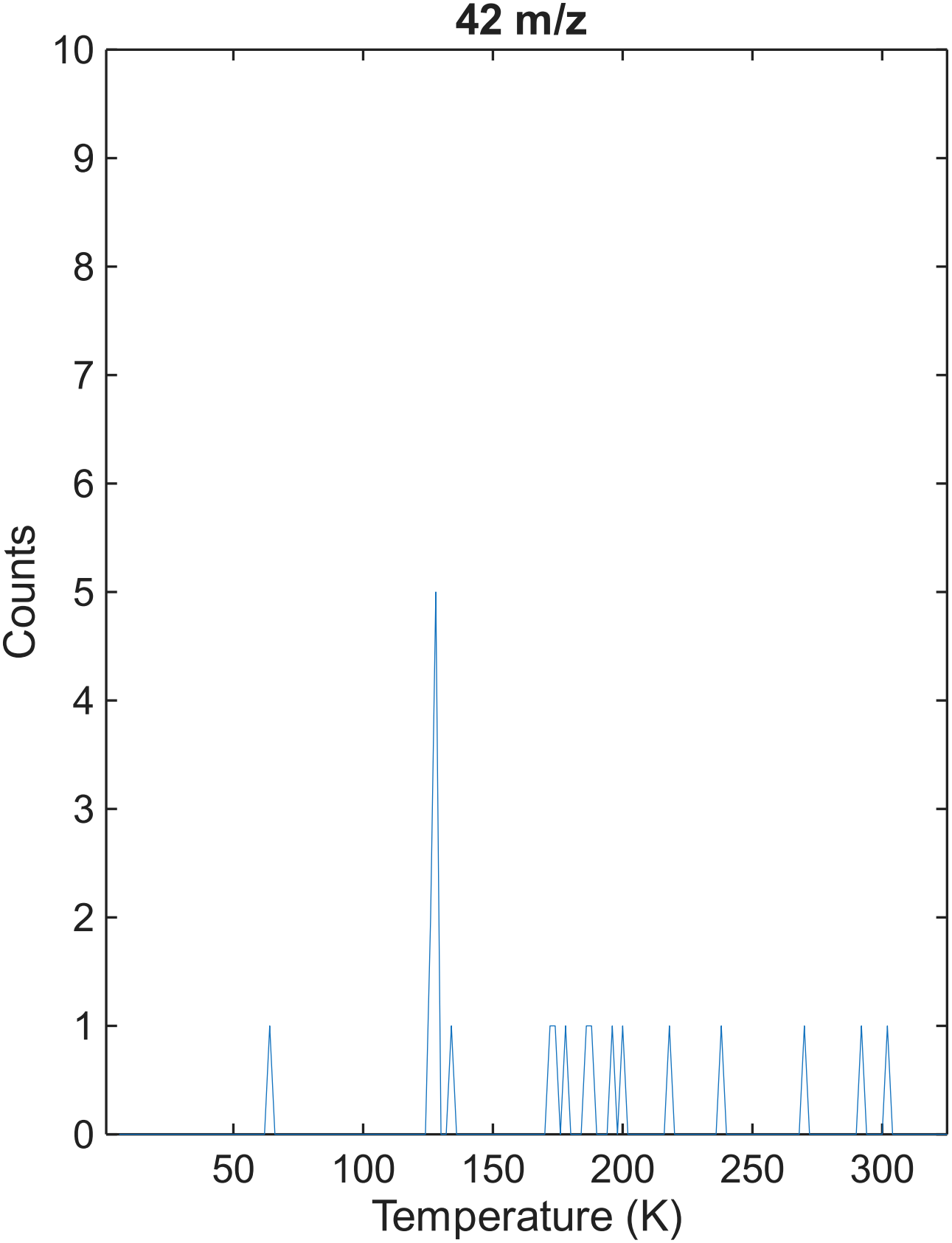

37 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

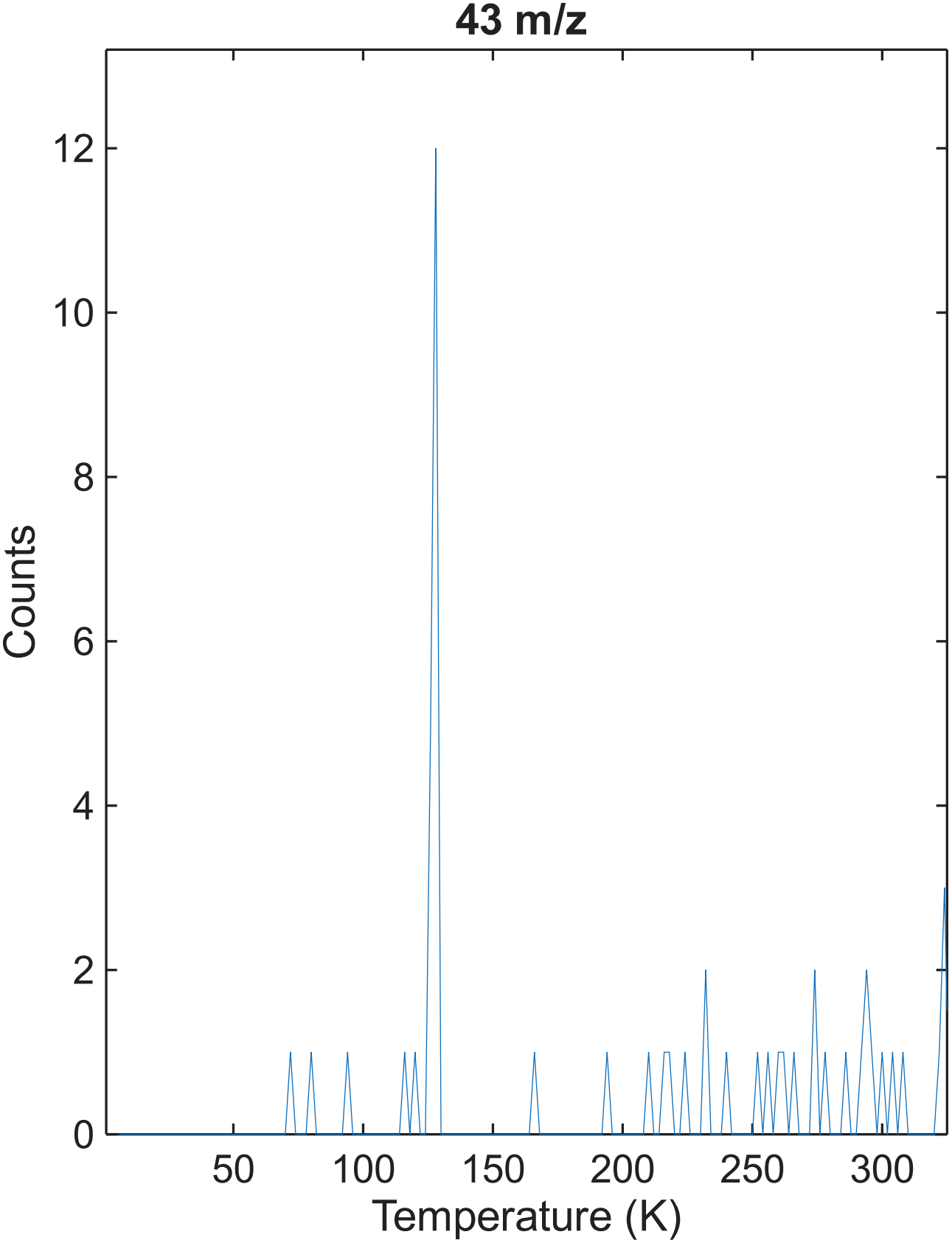

38 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

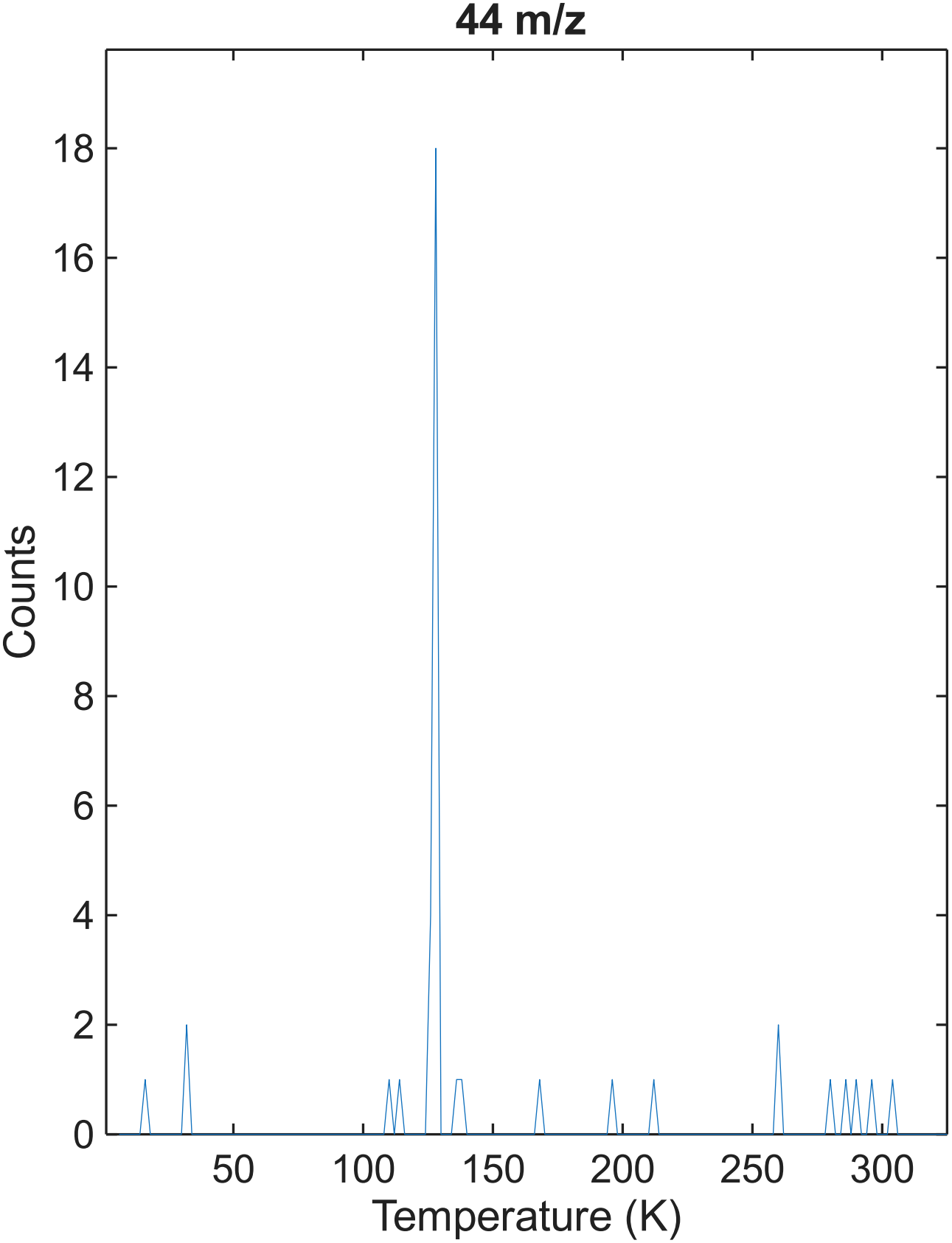

39 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

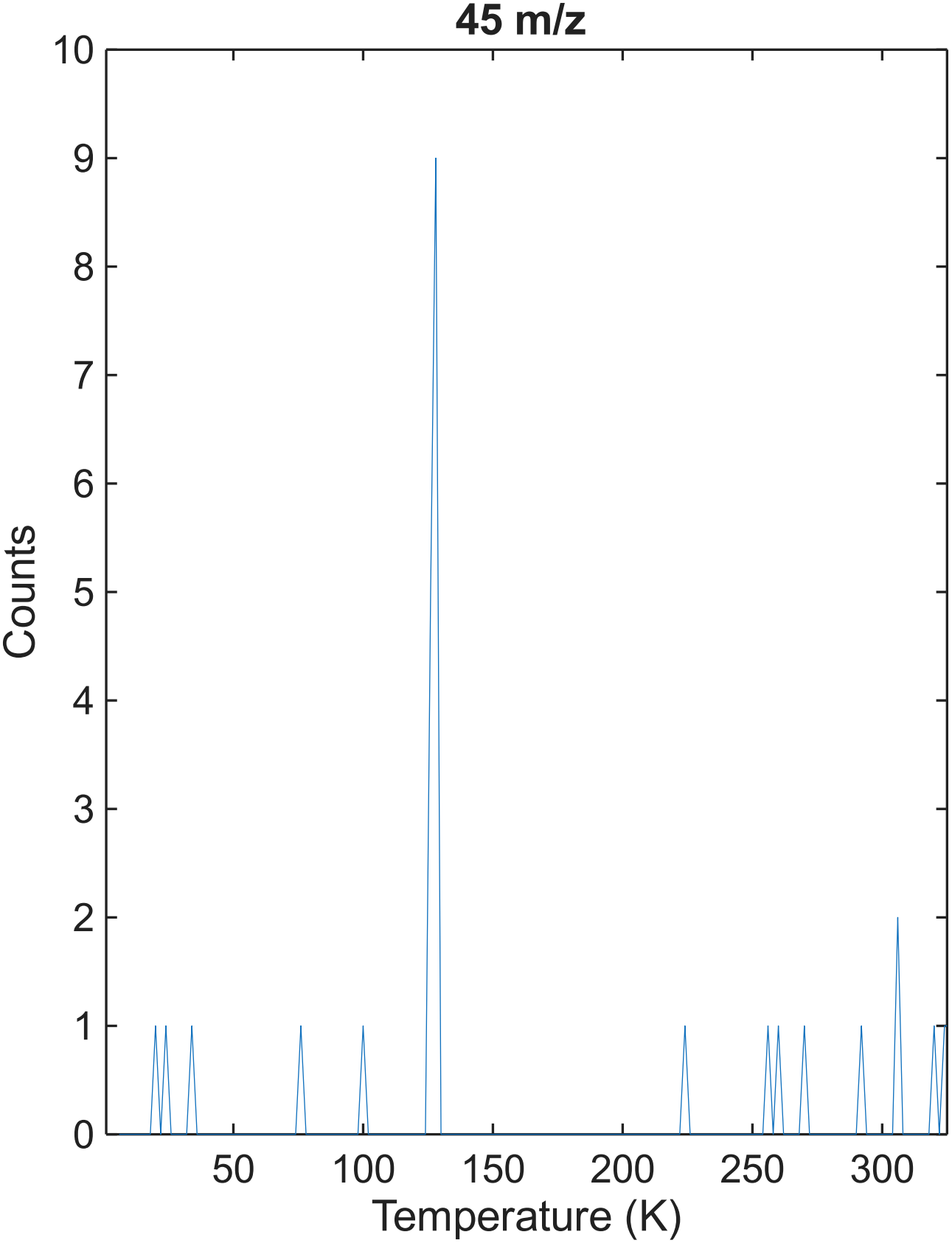

40 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

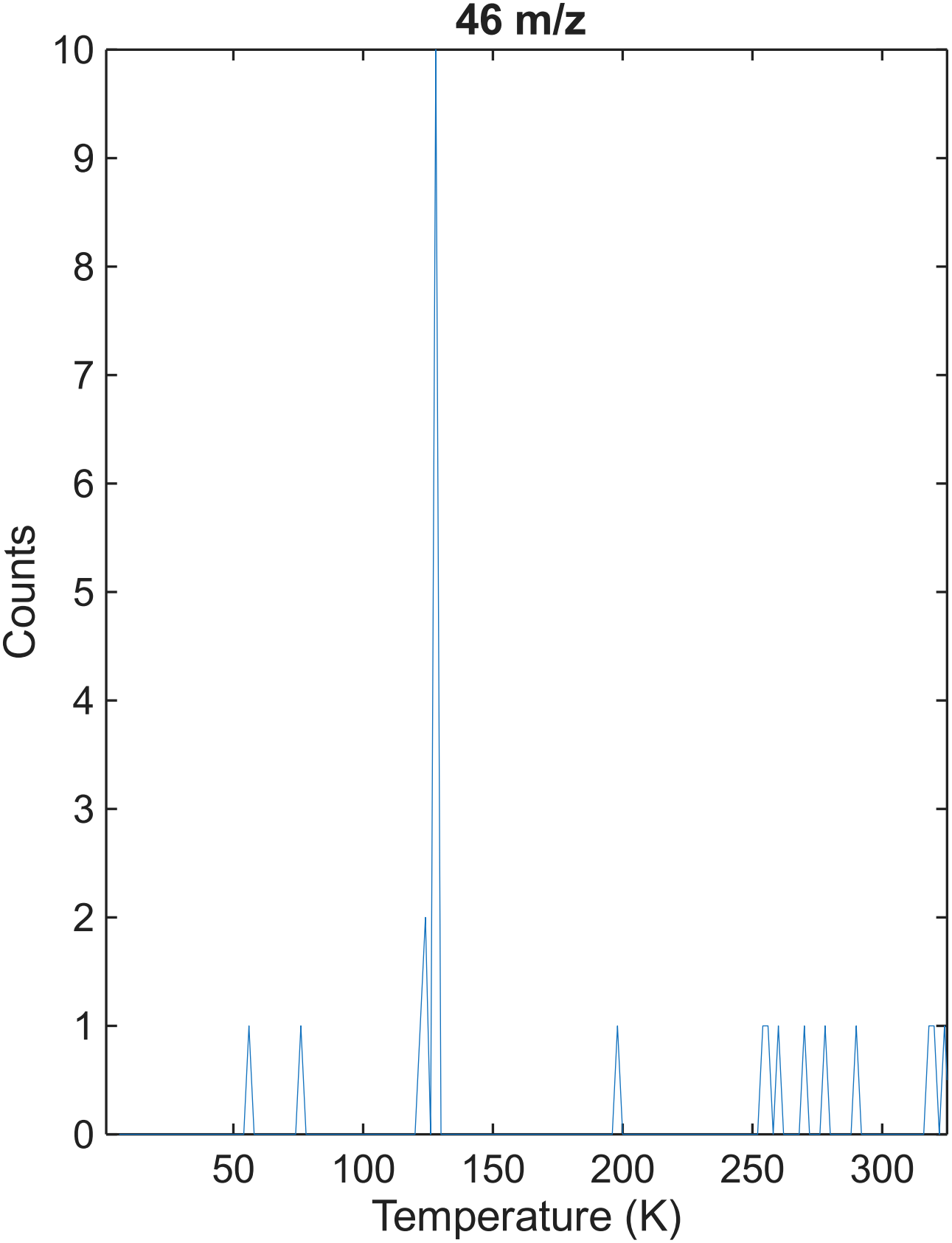

41 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

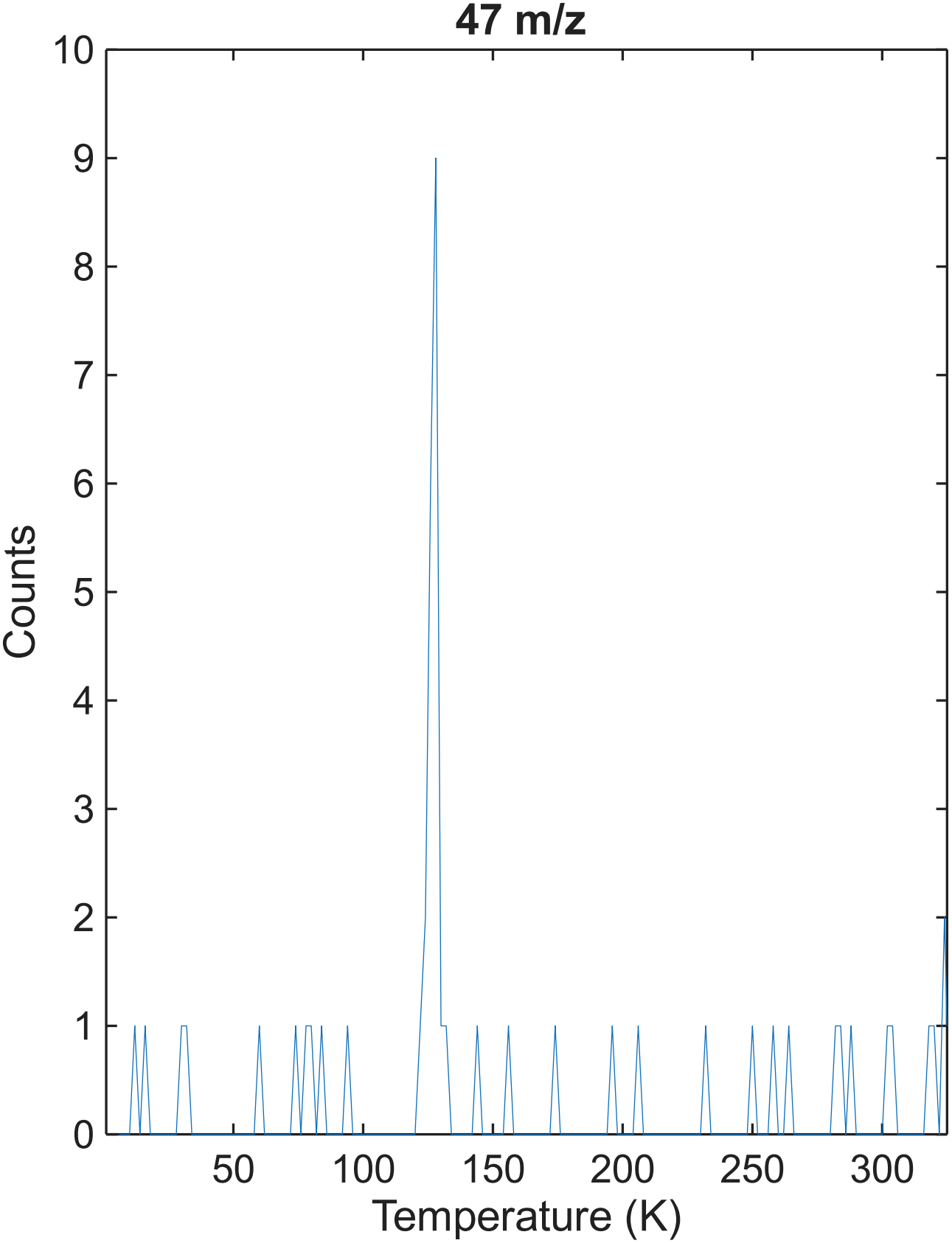

42 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

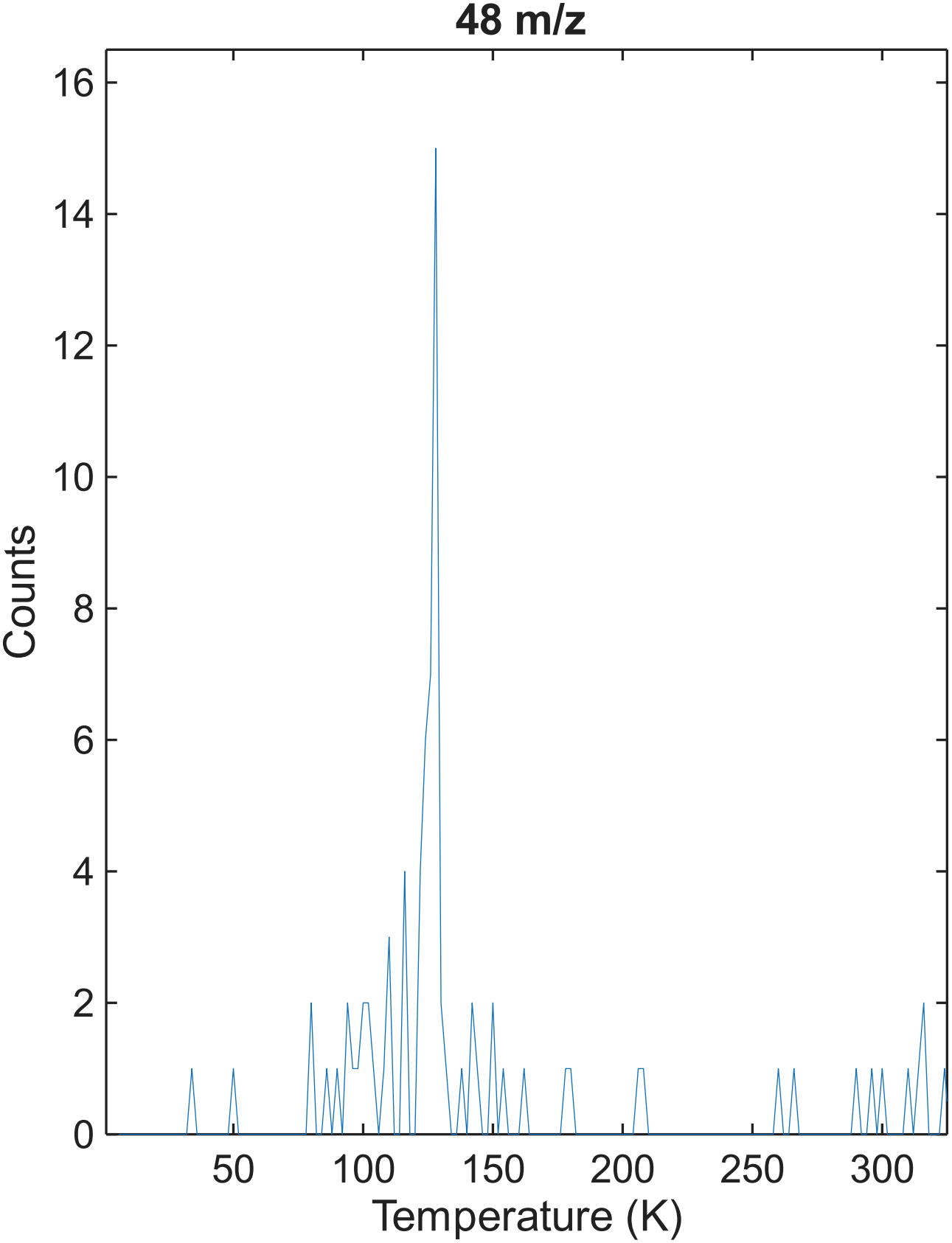

43 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

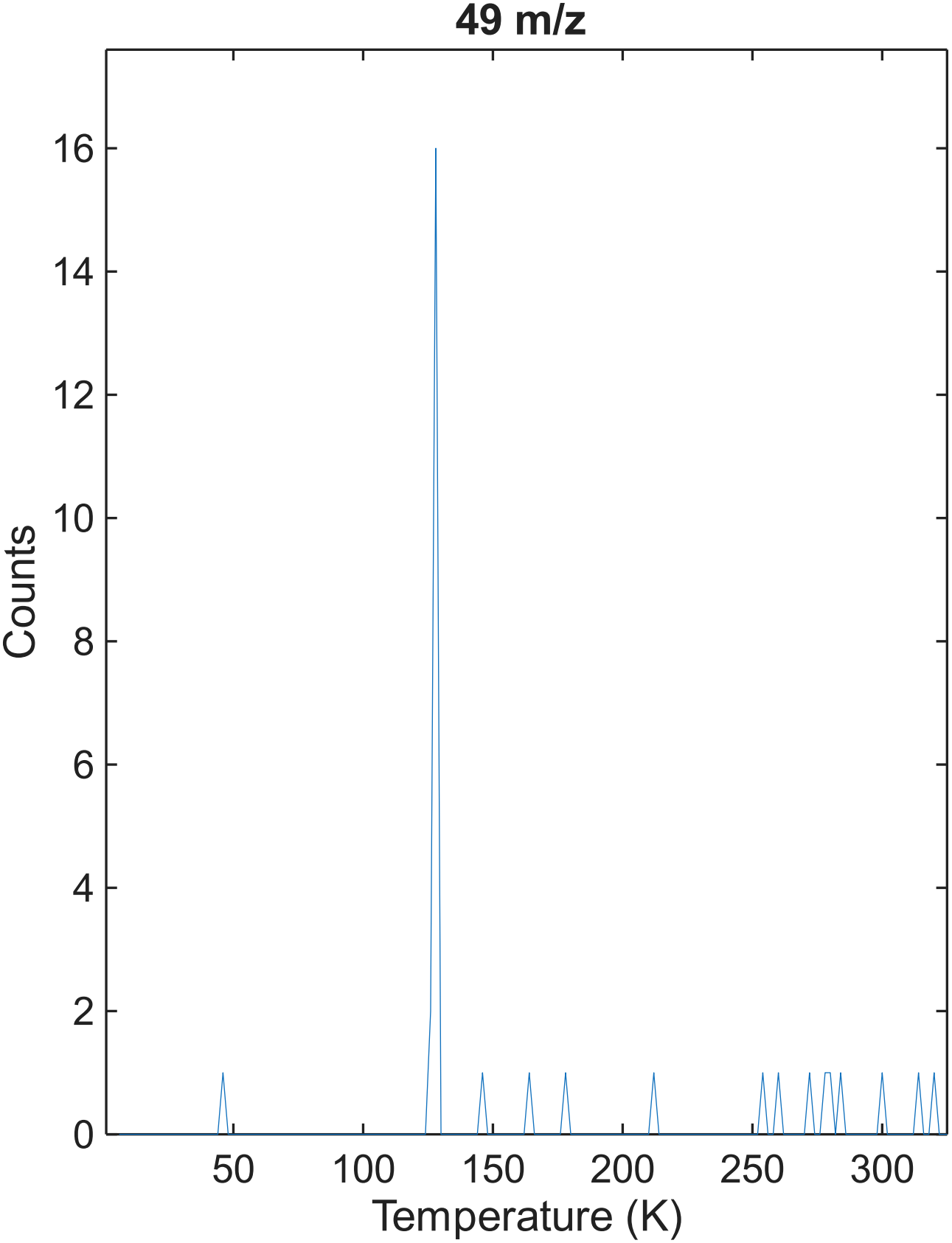

44 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
14
16
18
50
100
150
200
250
300

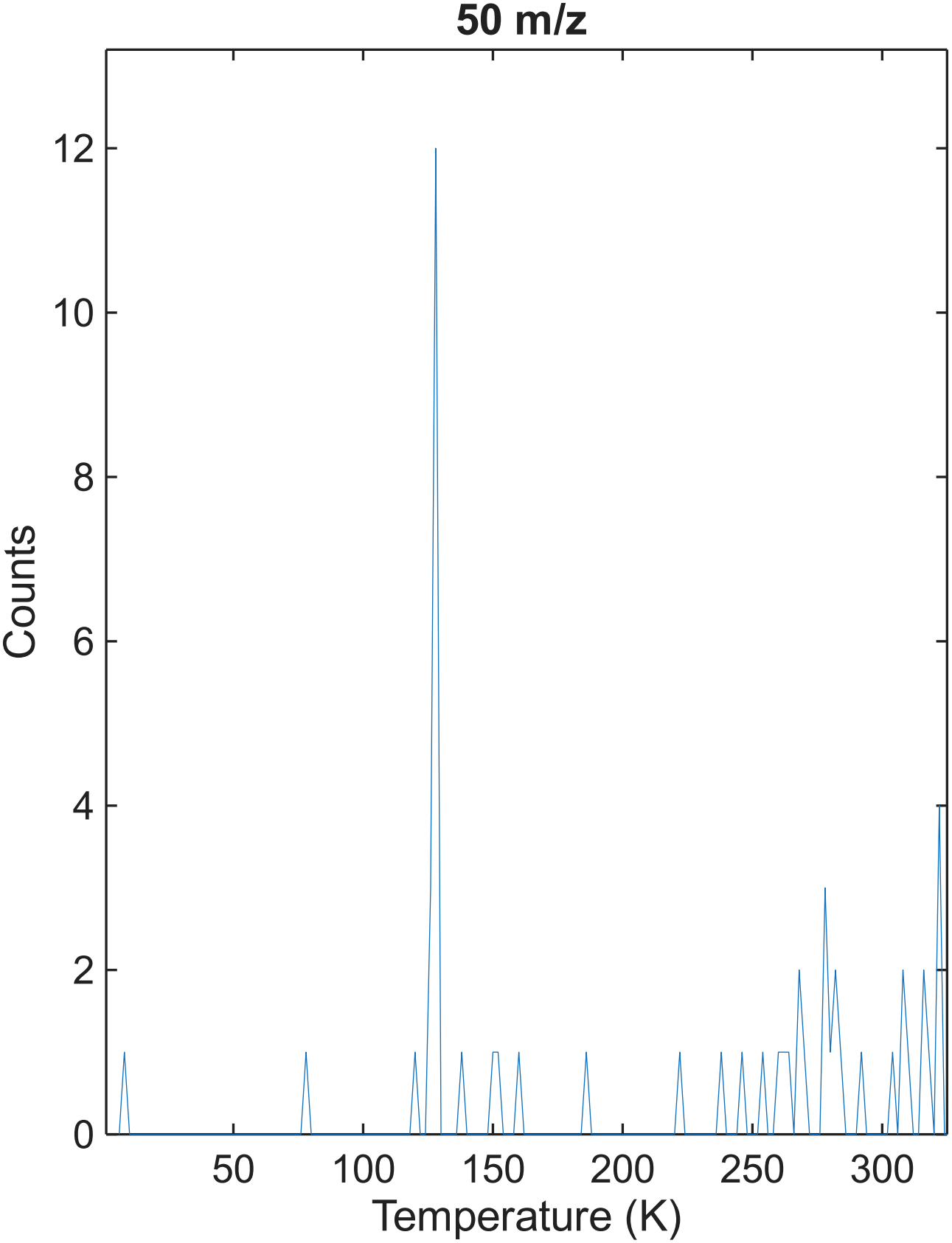

45 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

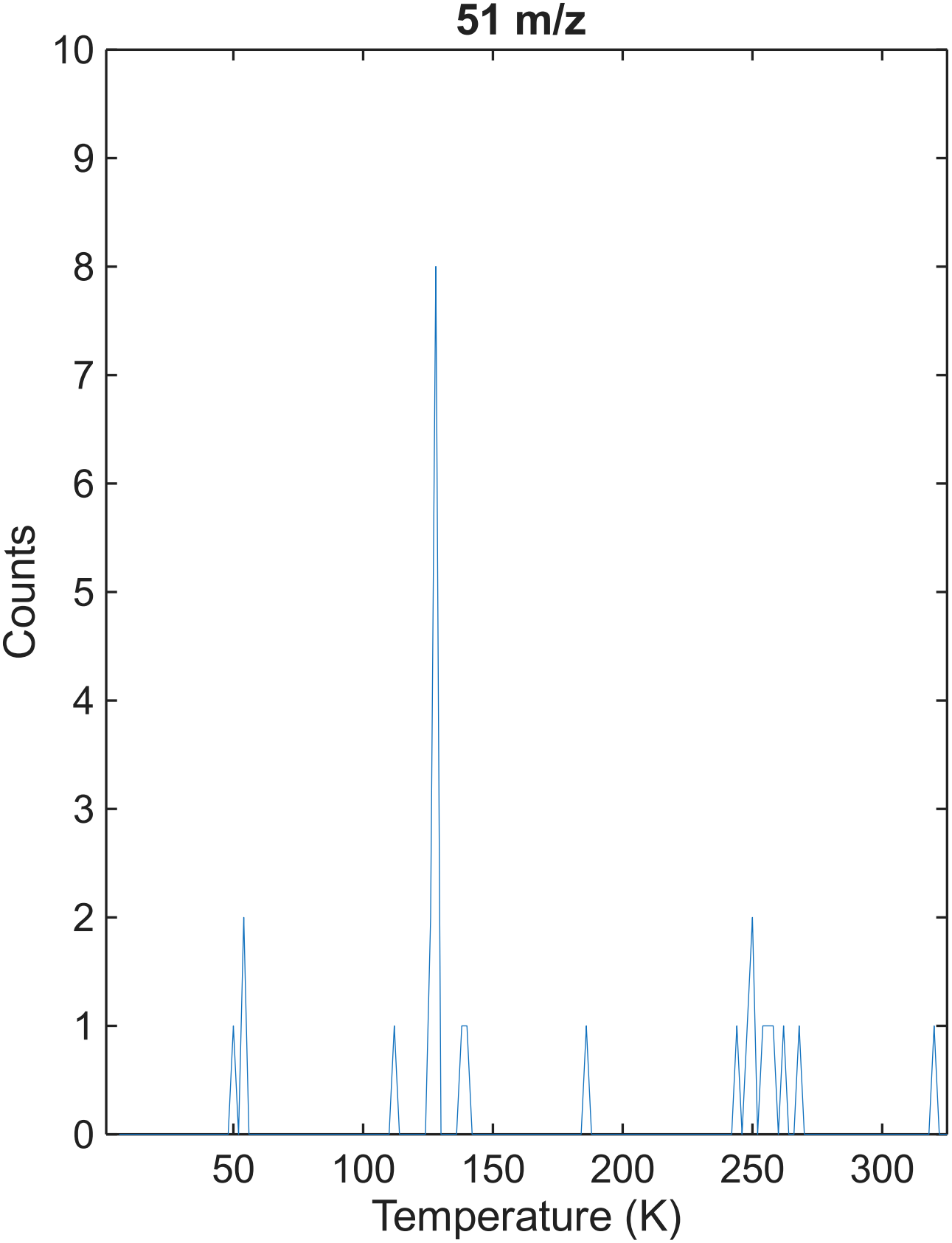

46 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

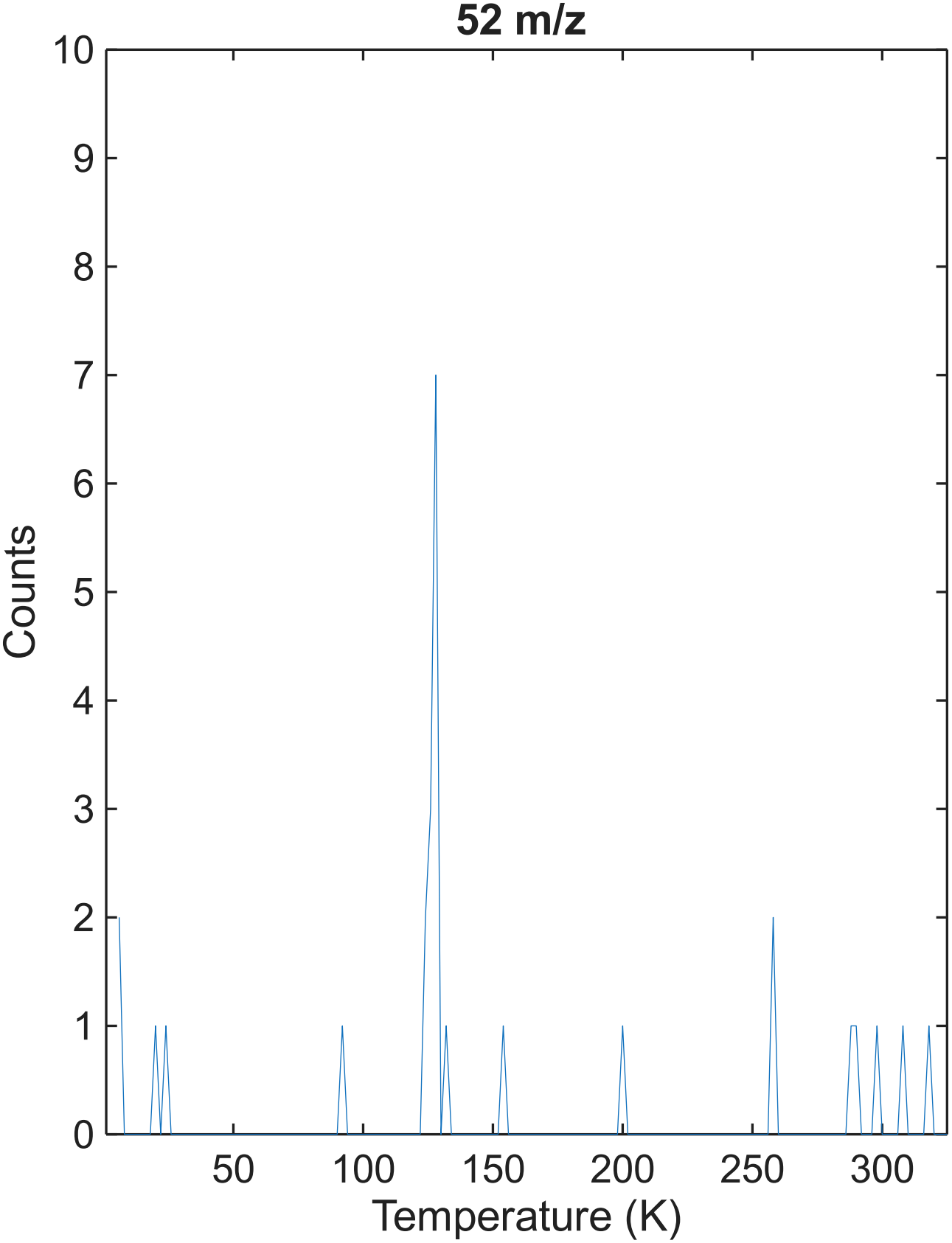

47 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

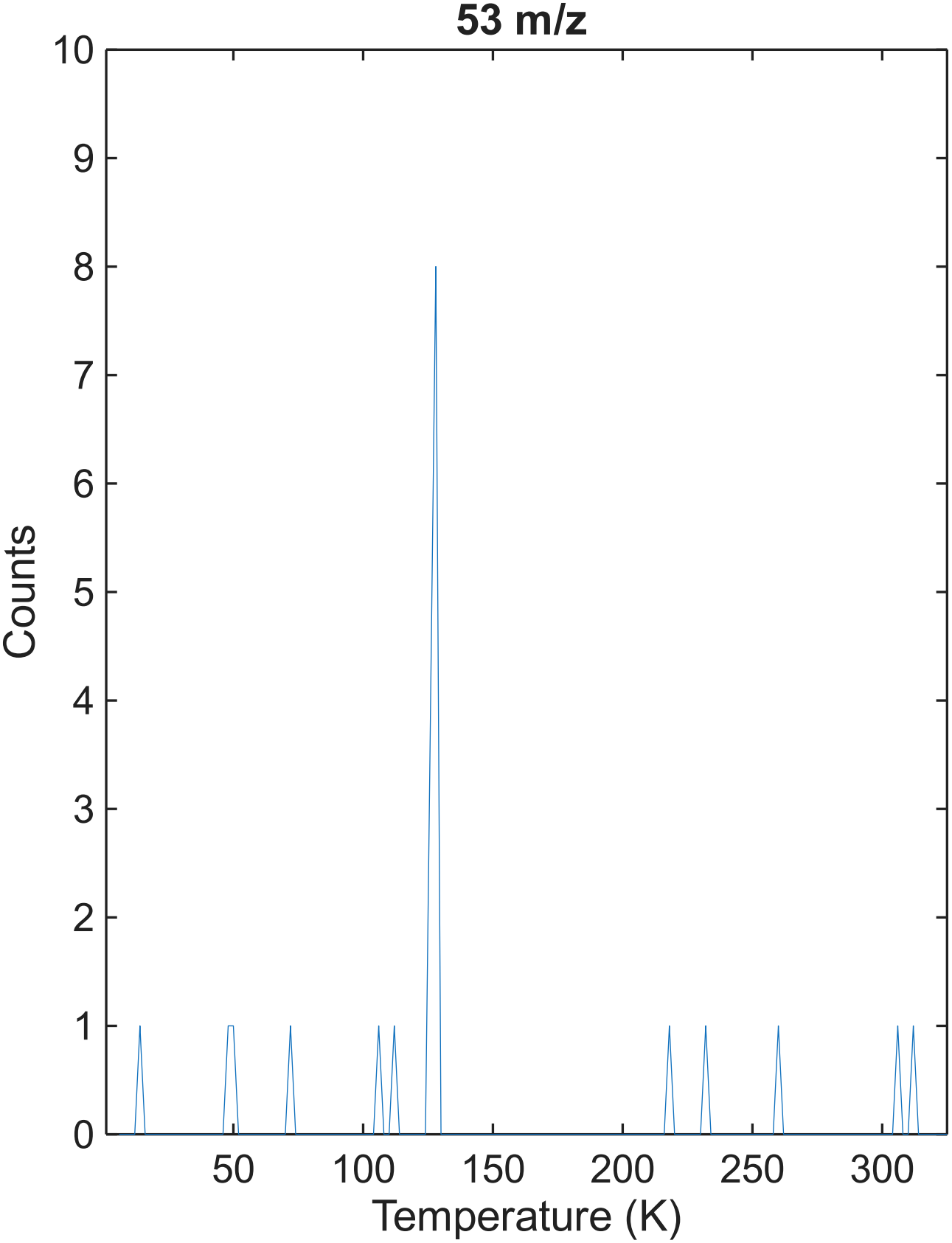

48 m/z
16
14
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

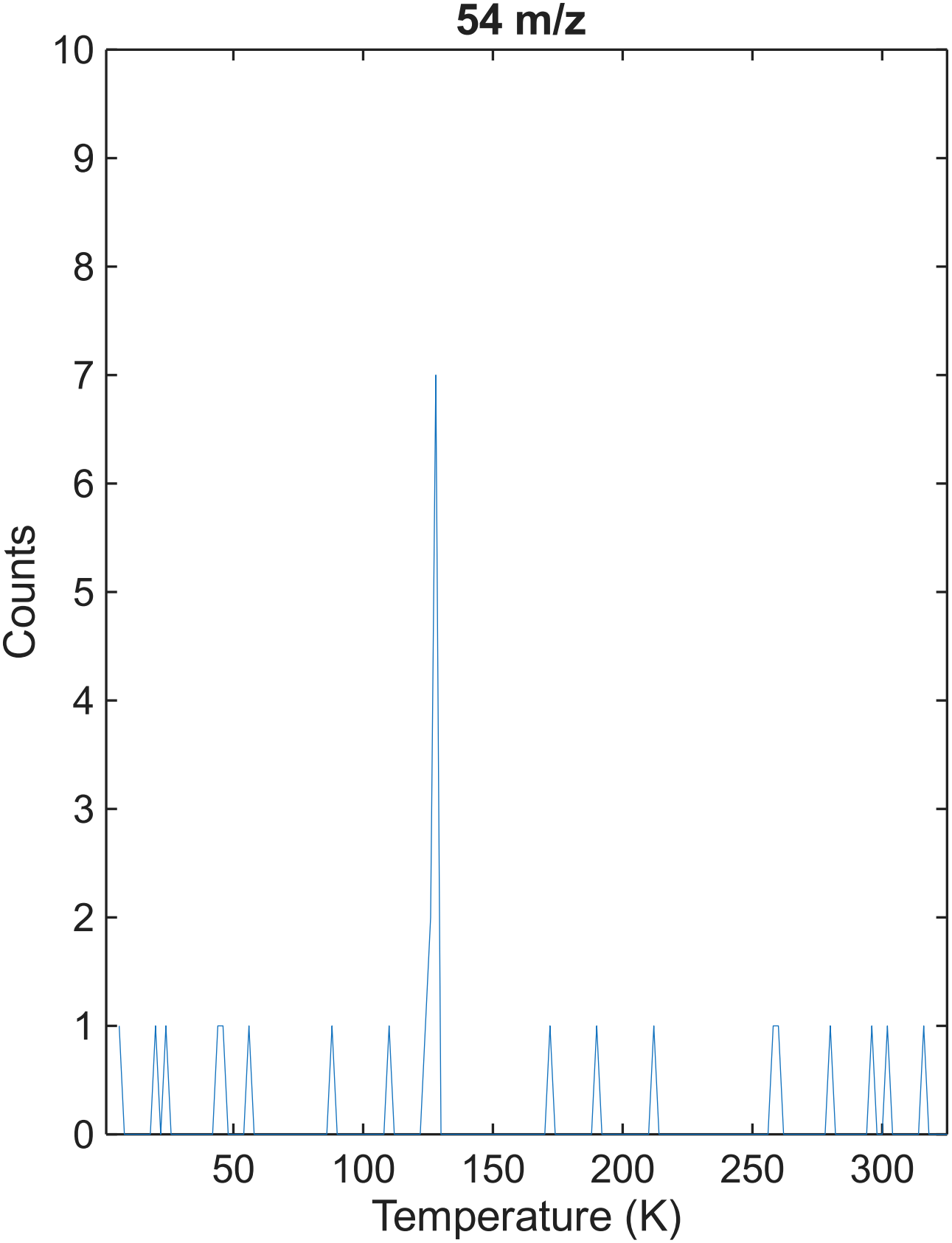

49 m/z
16
14
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

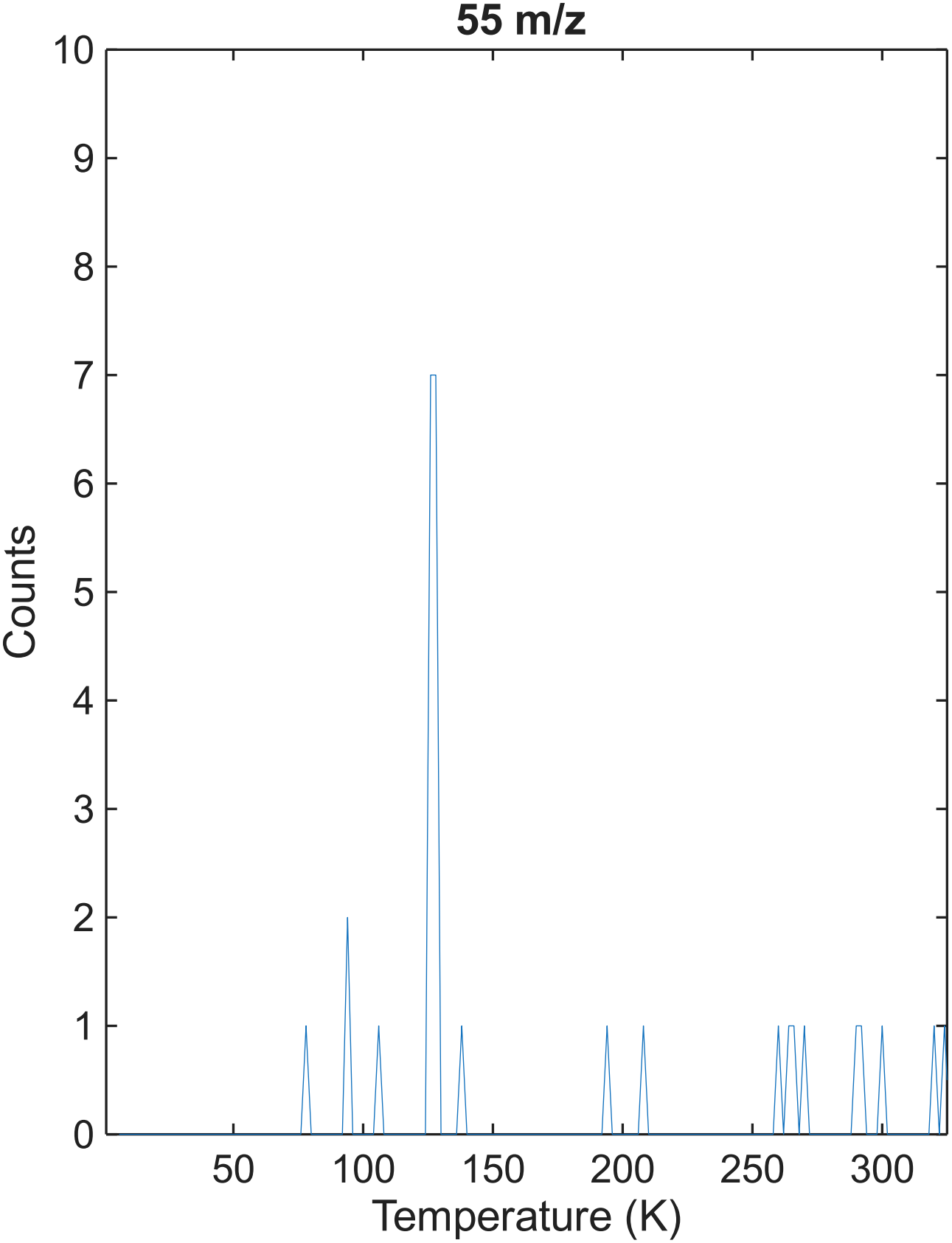

50 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

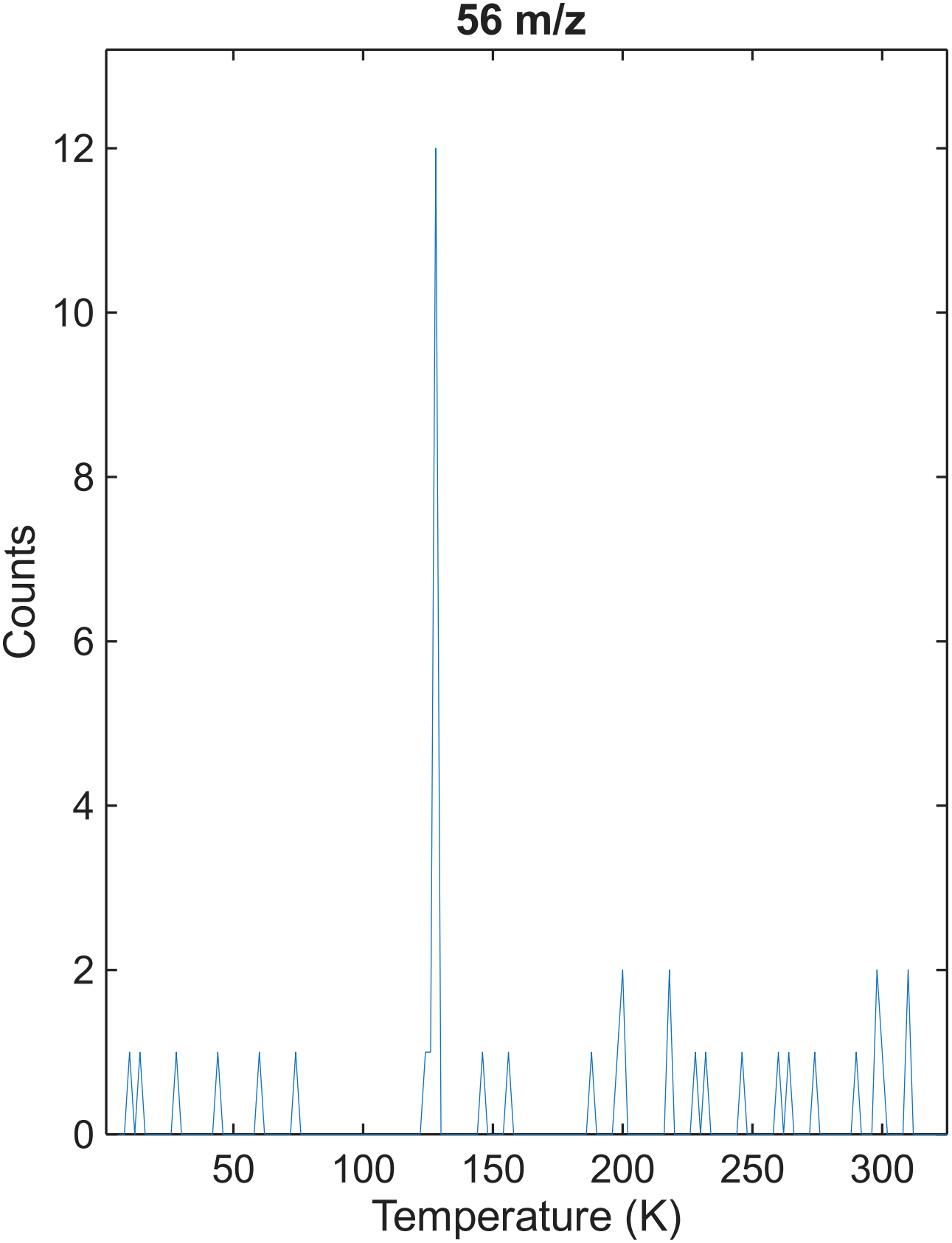

51 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

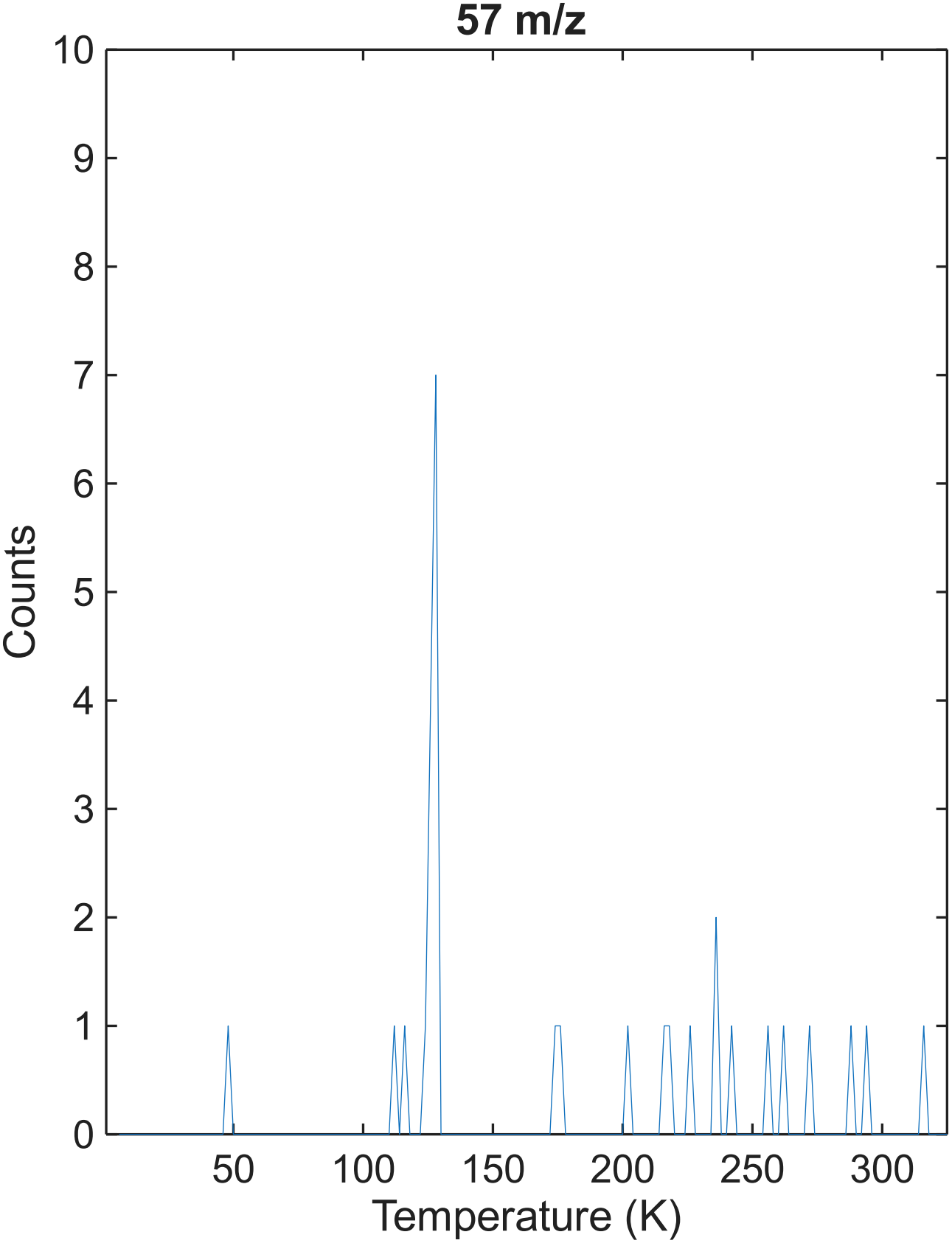

52 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

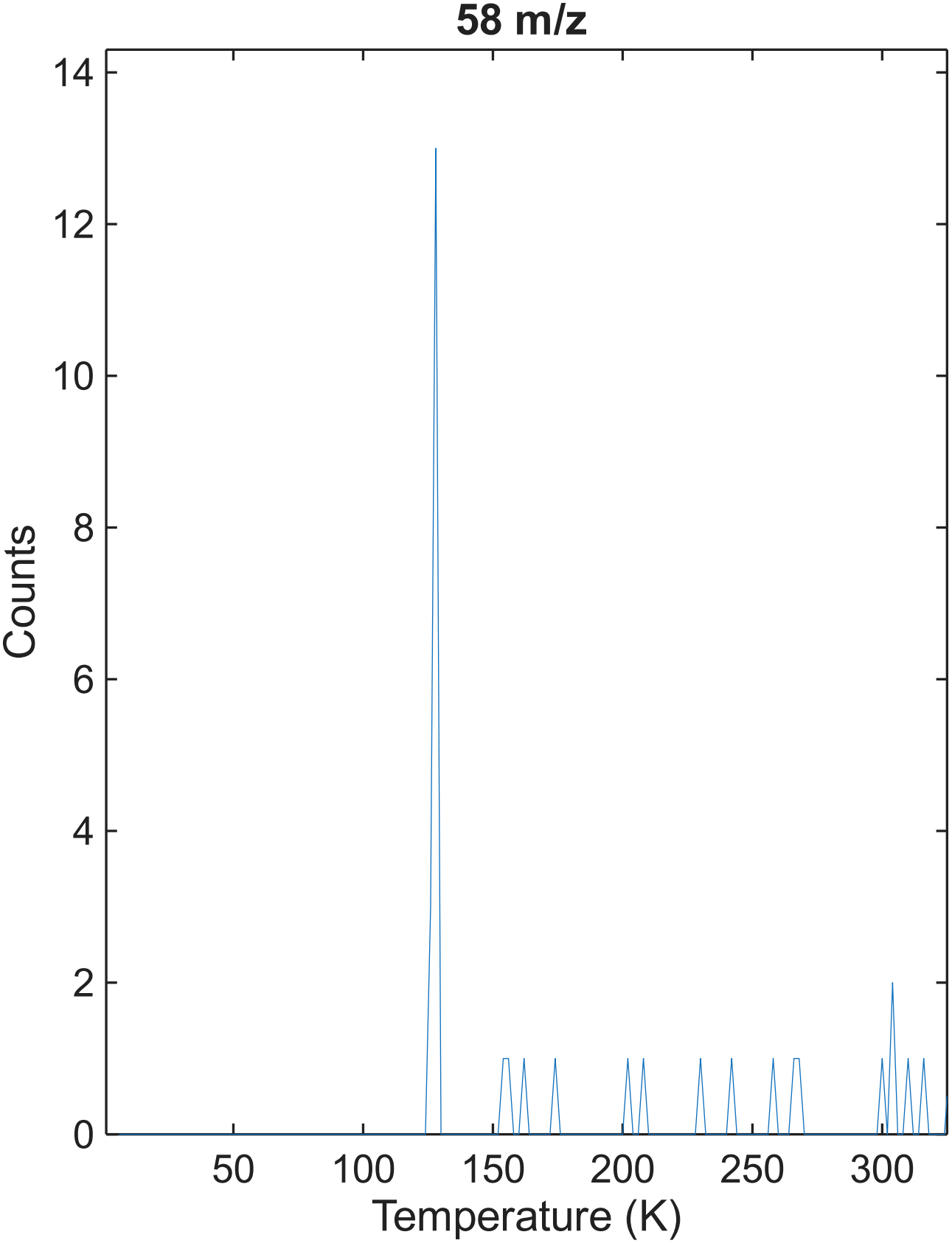

53 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

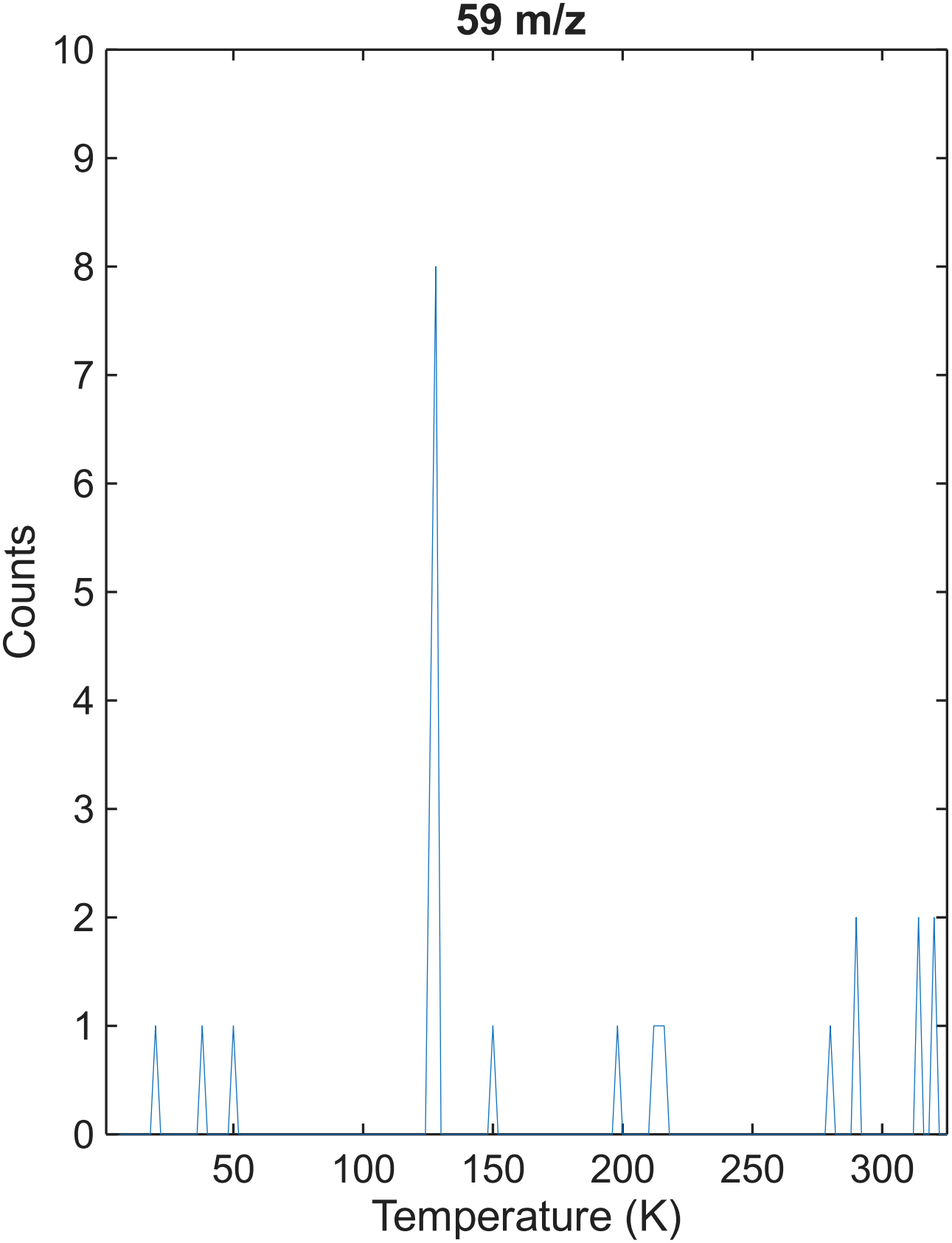

54 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

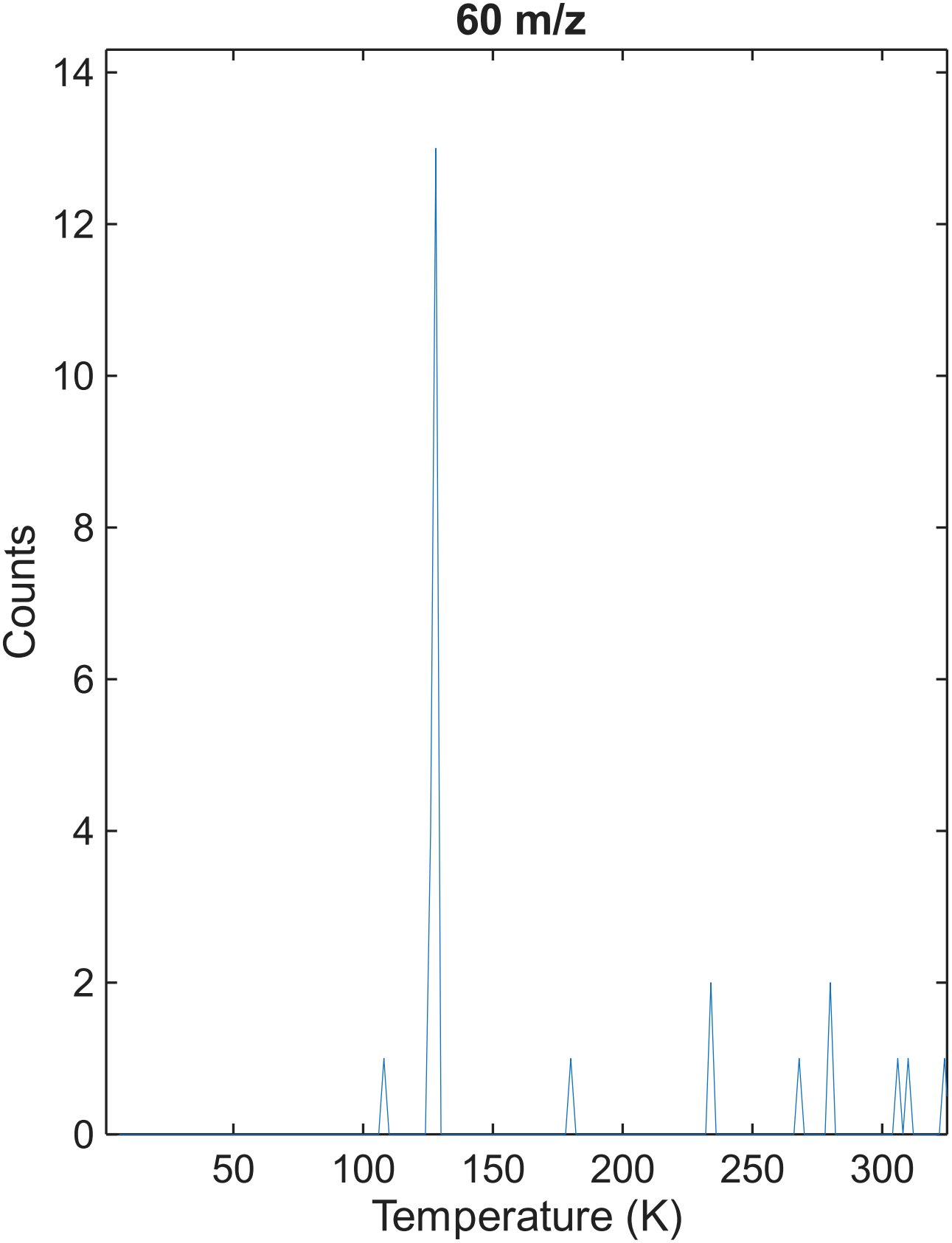

55 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

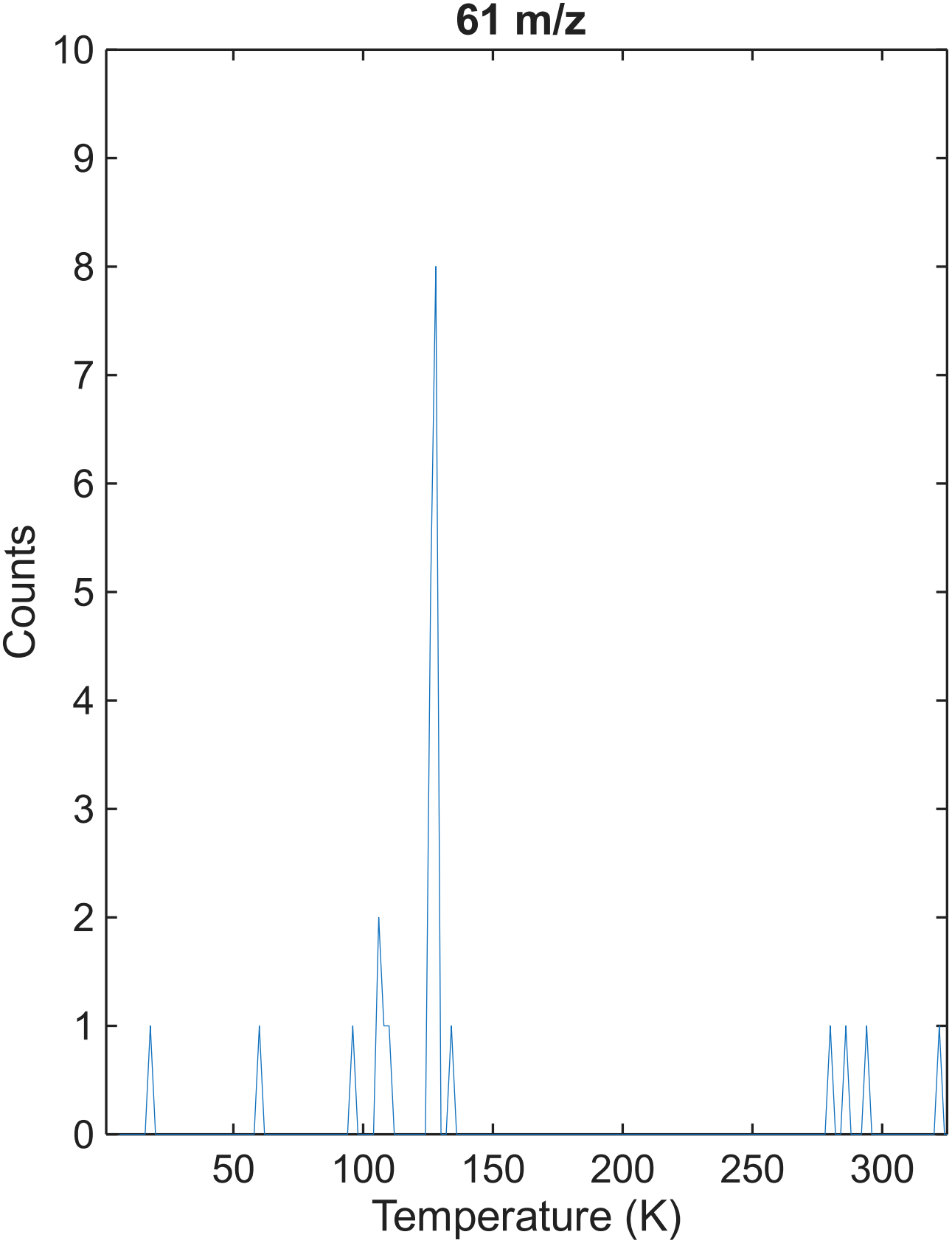

56 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

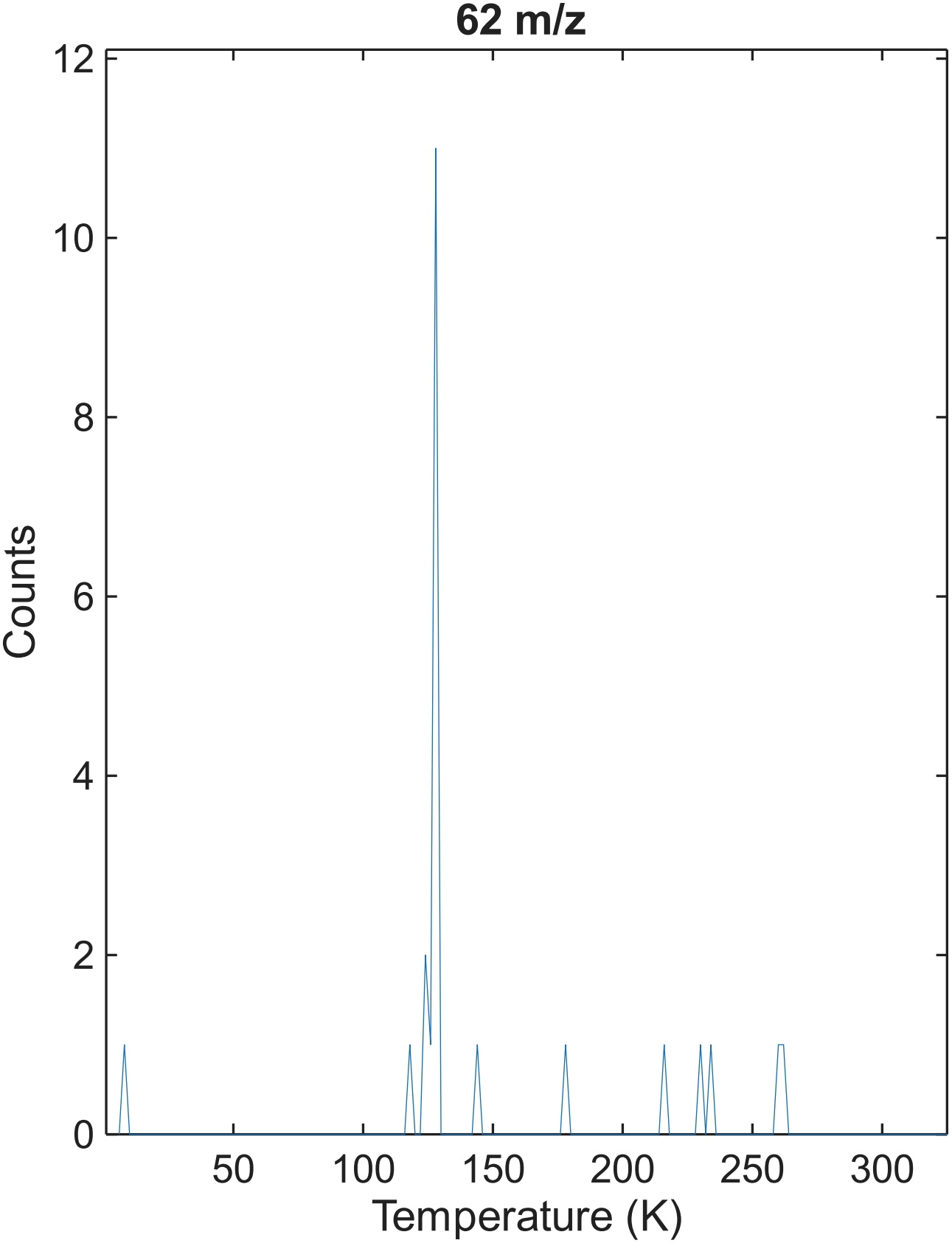

57 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

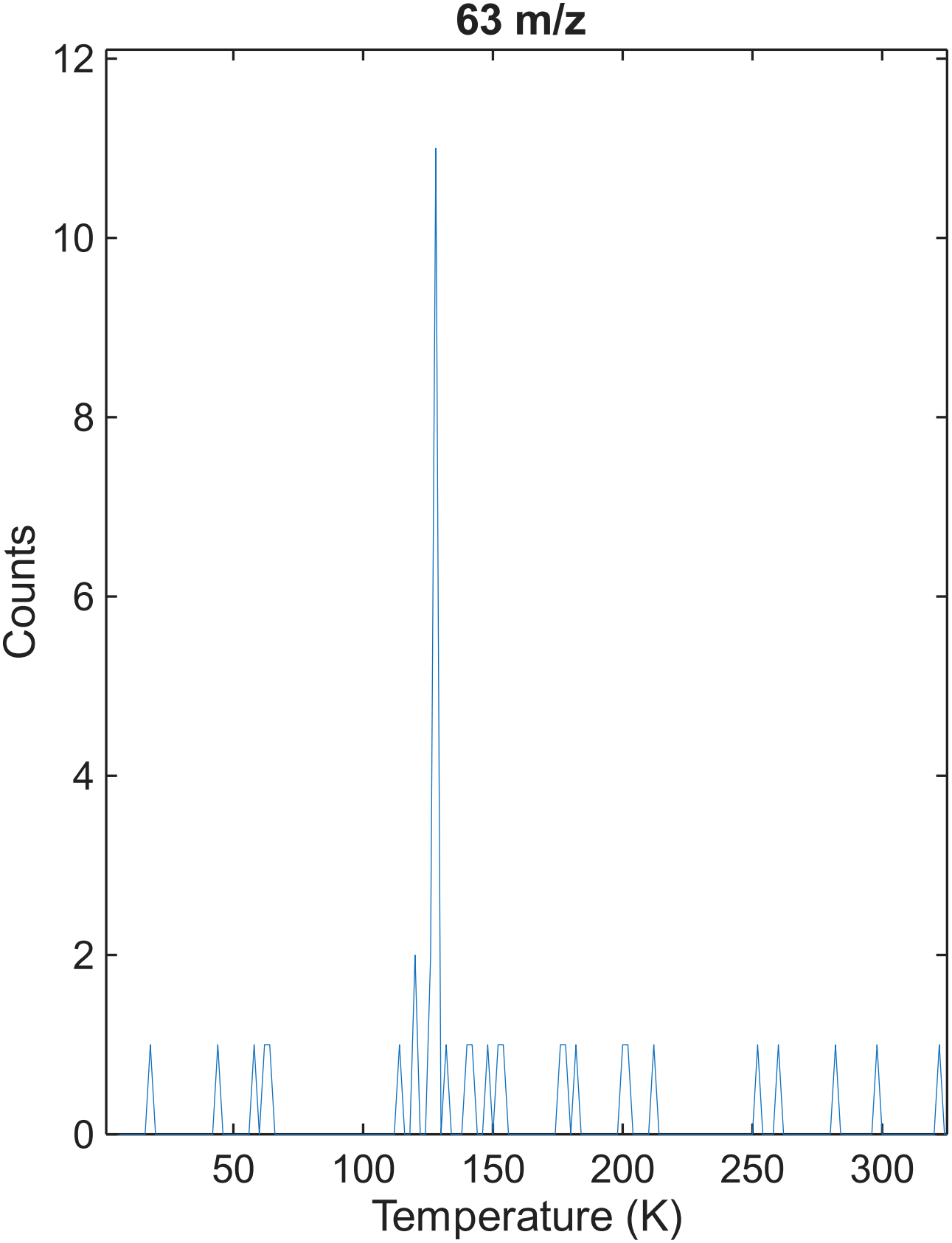

58 m/z
14
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

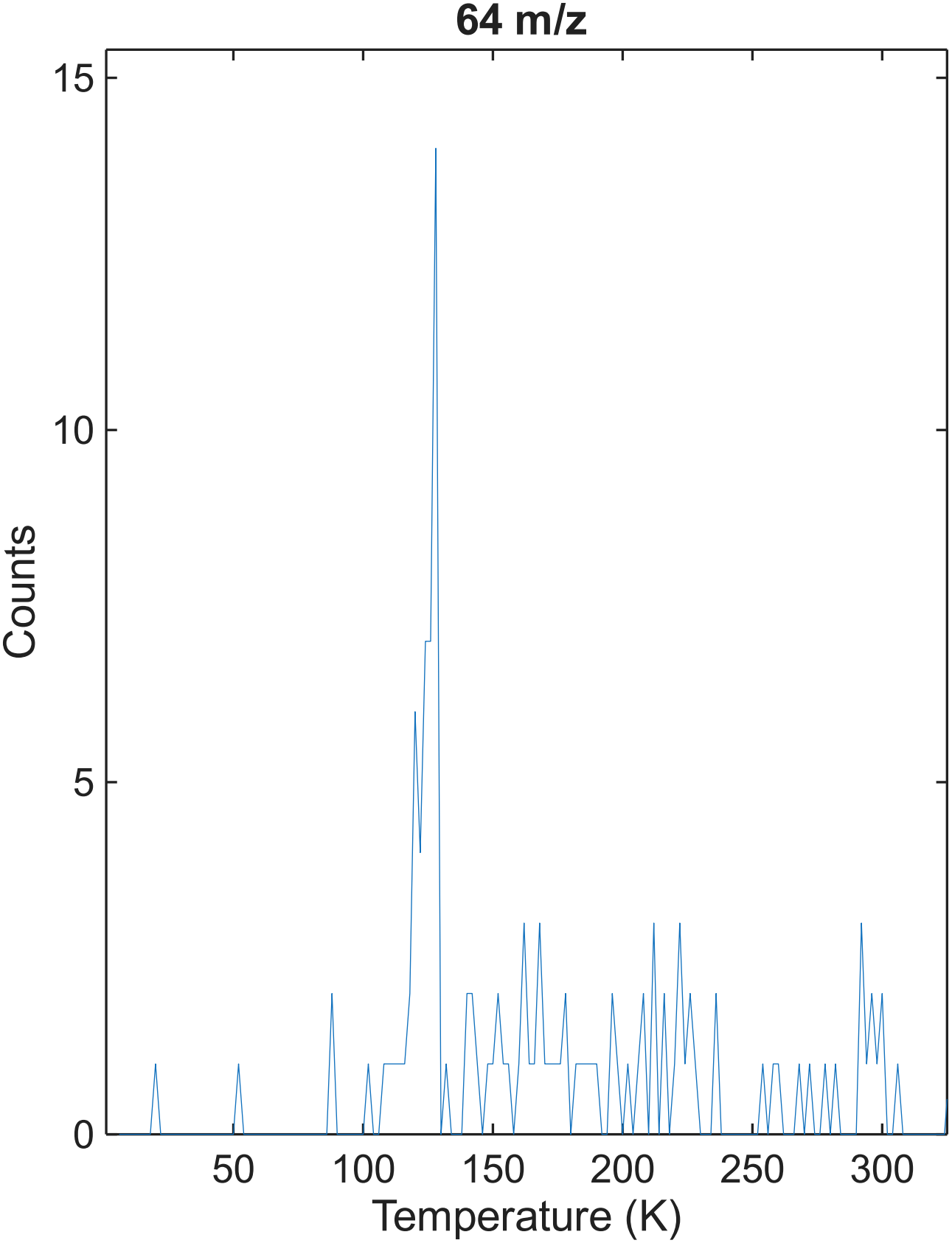

59 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

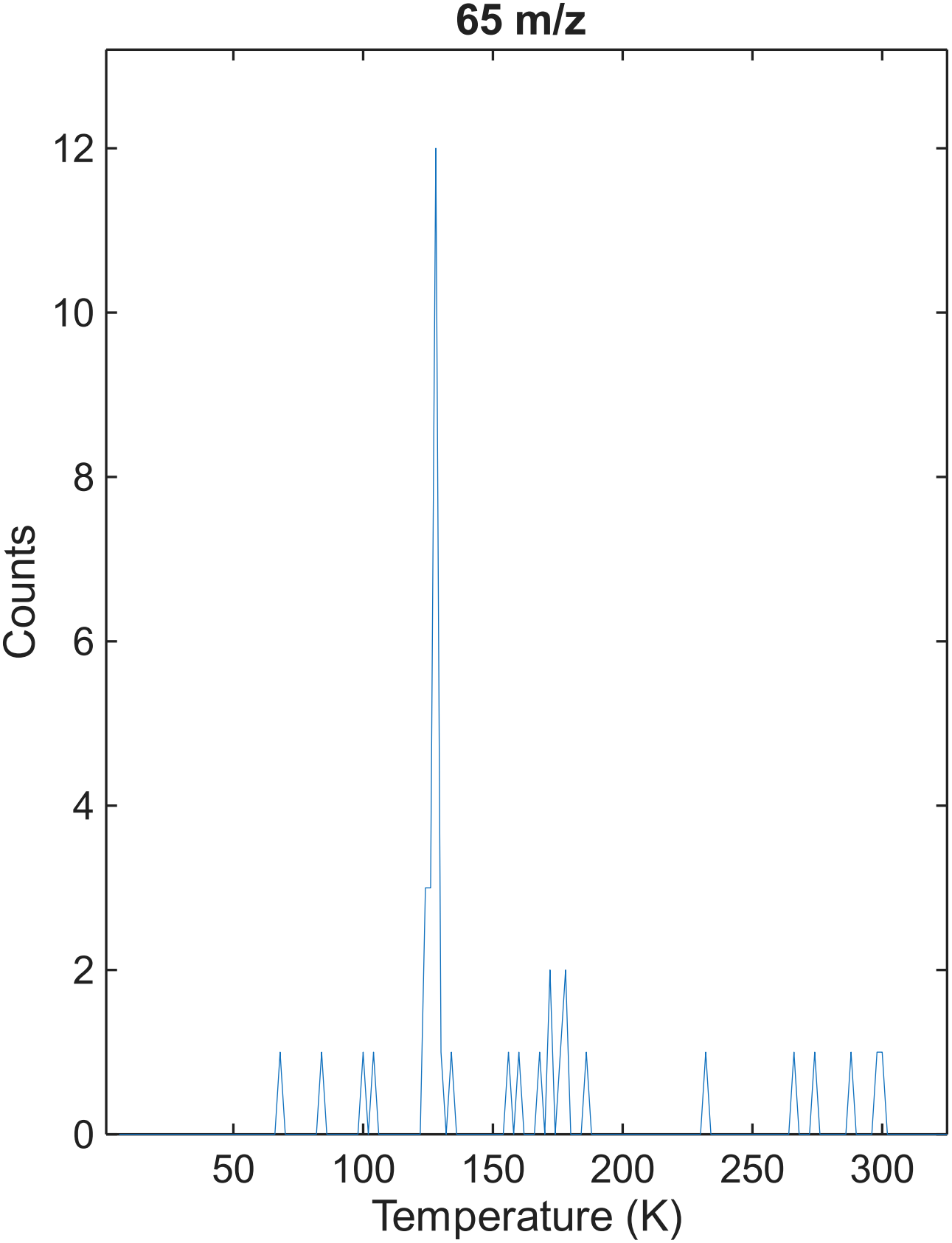

60 m/z
14
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

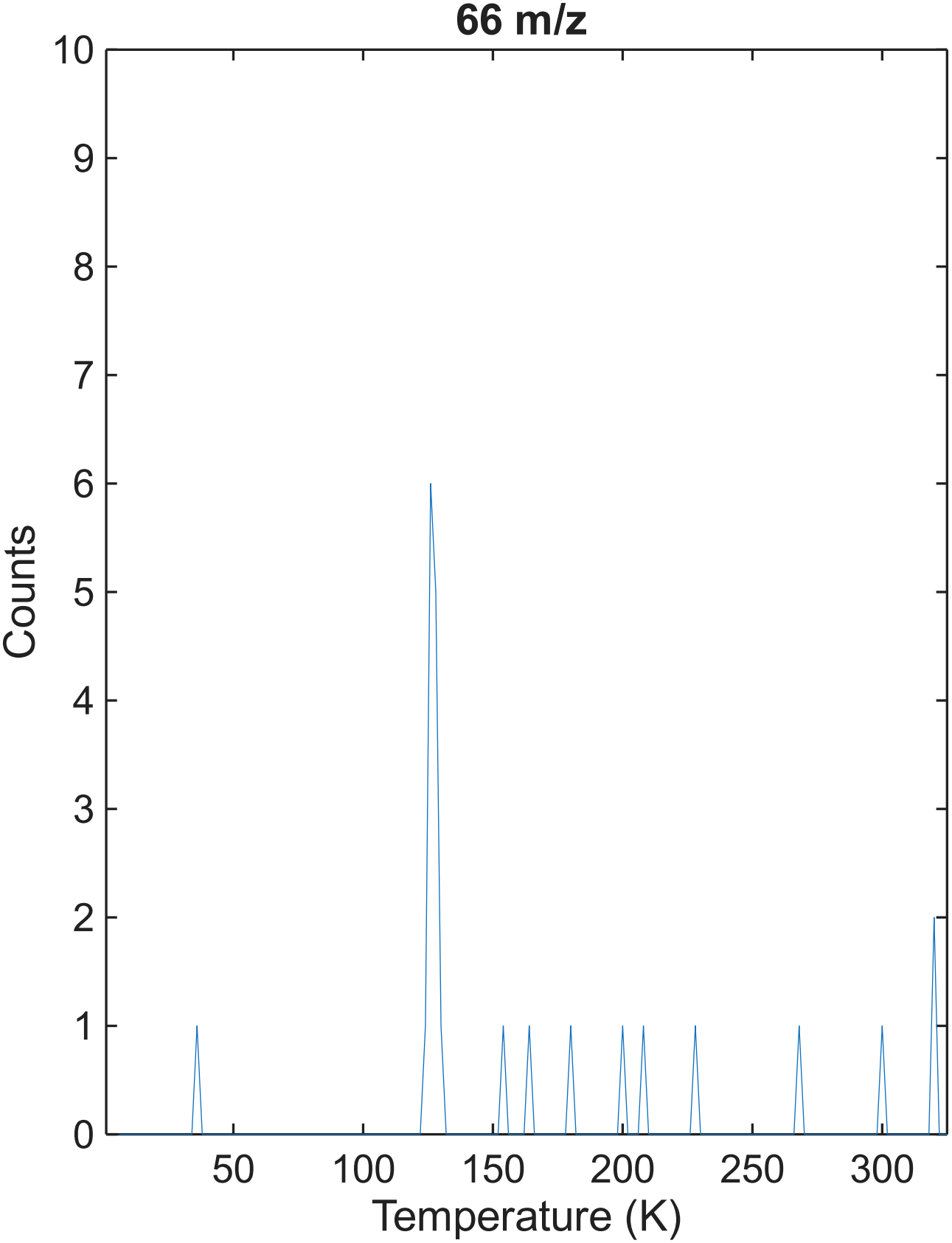

61 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

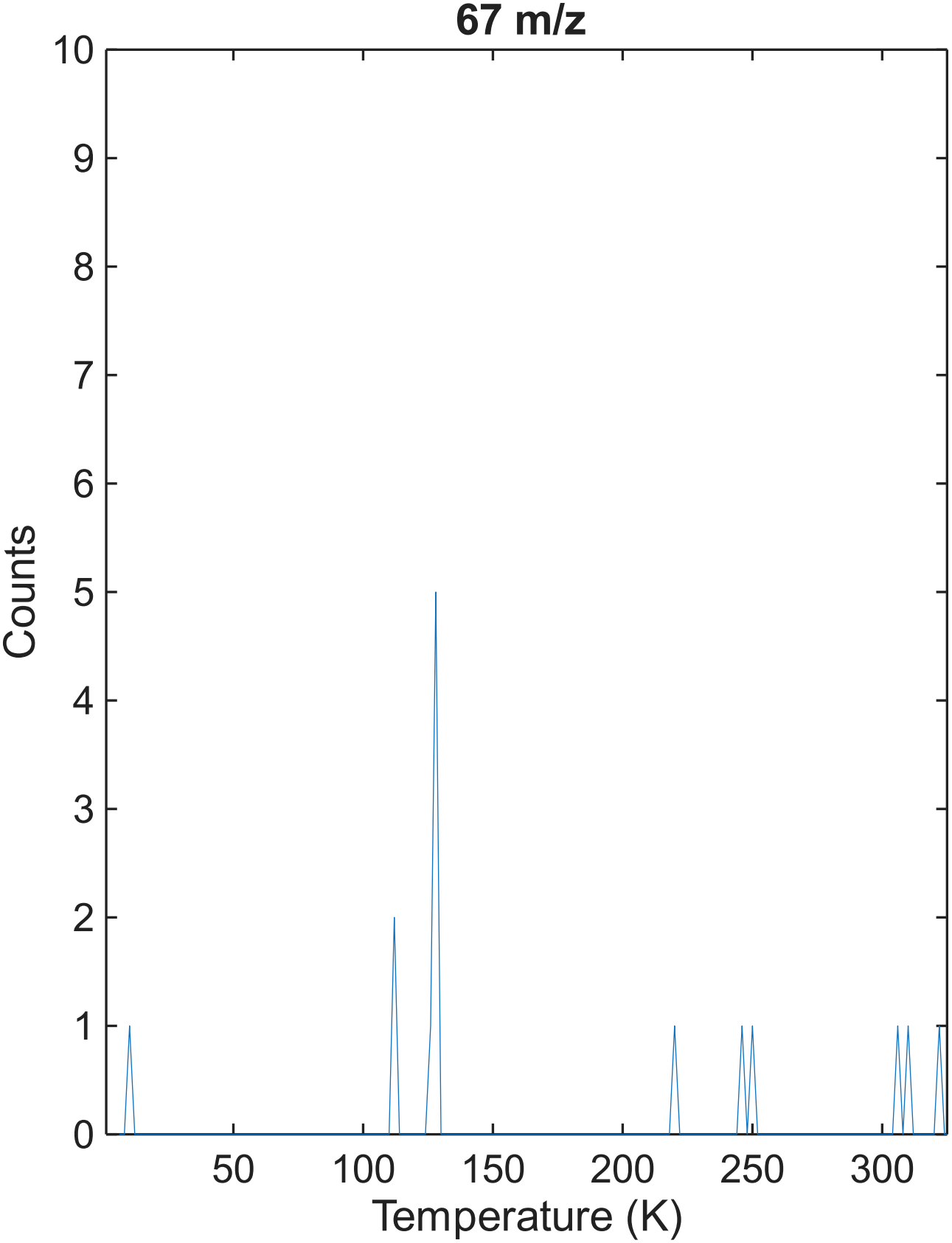

62 m/z
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)

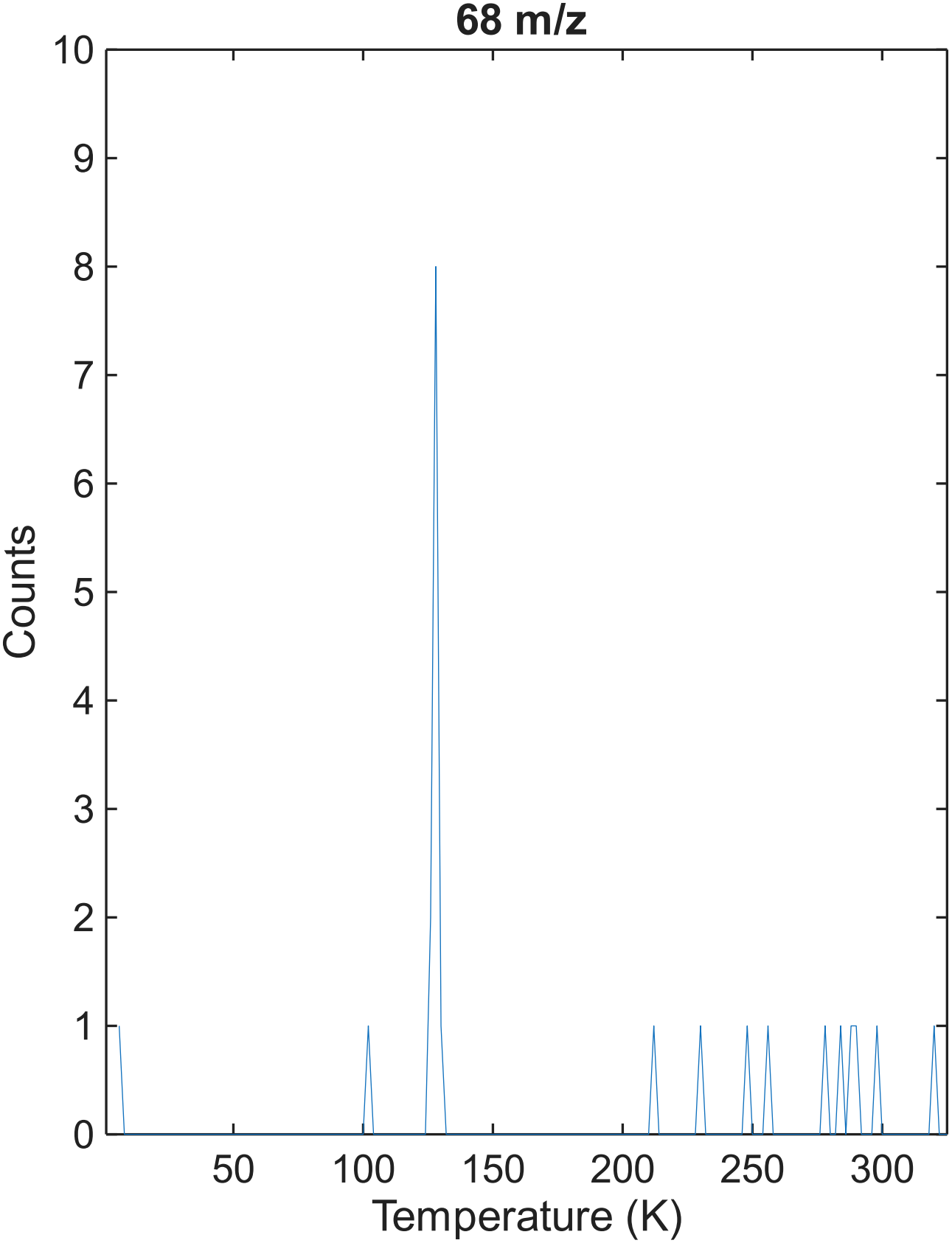

63 m/z
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)


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


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


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


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


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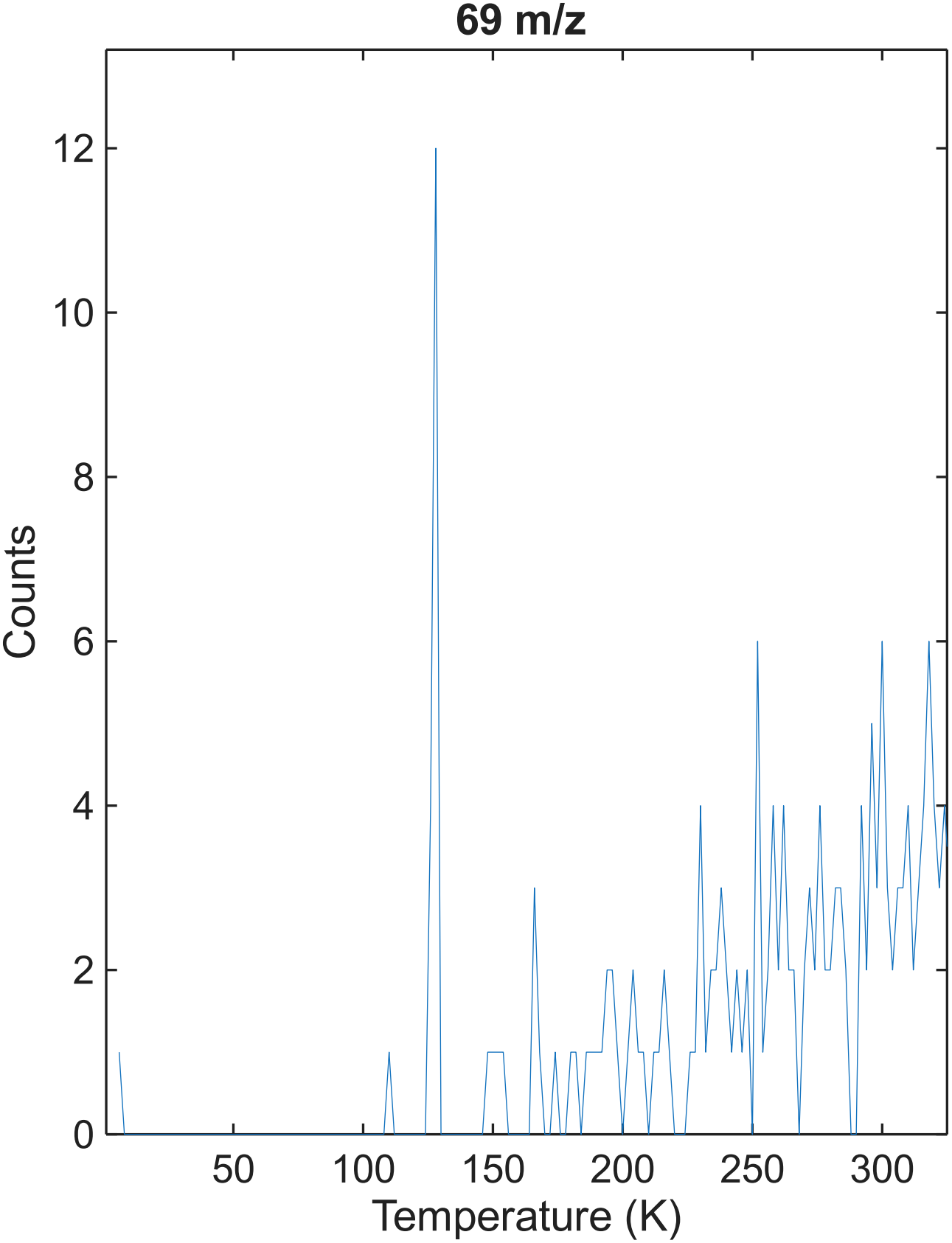
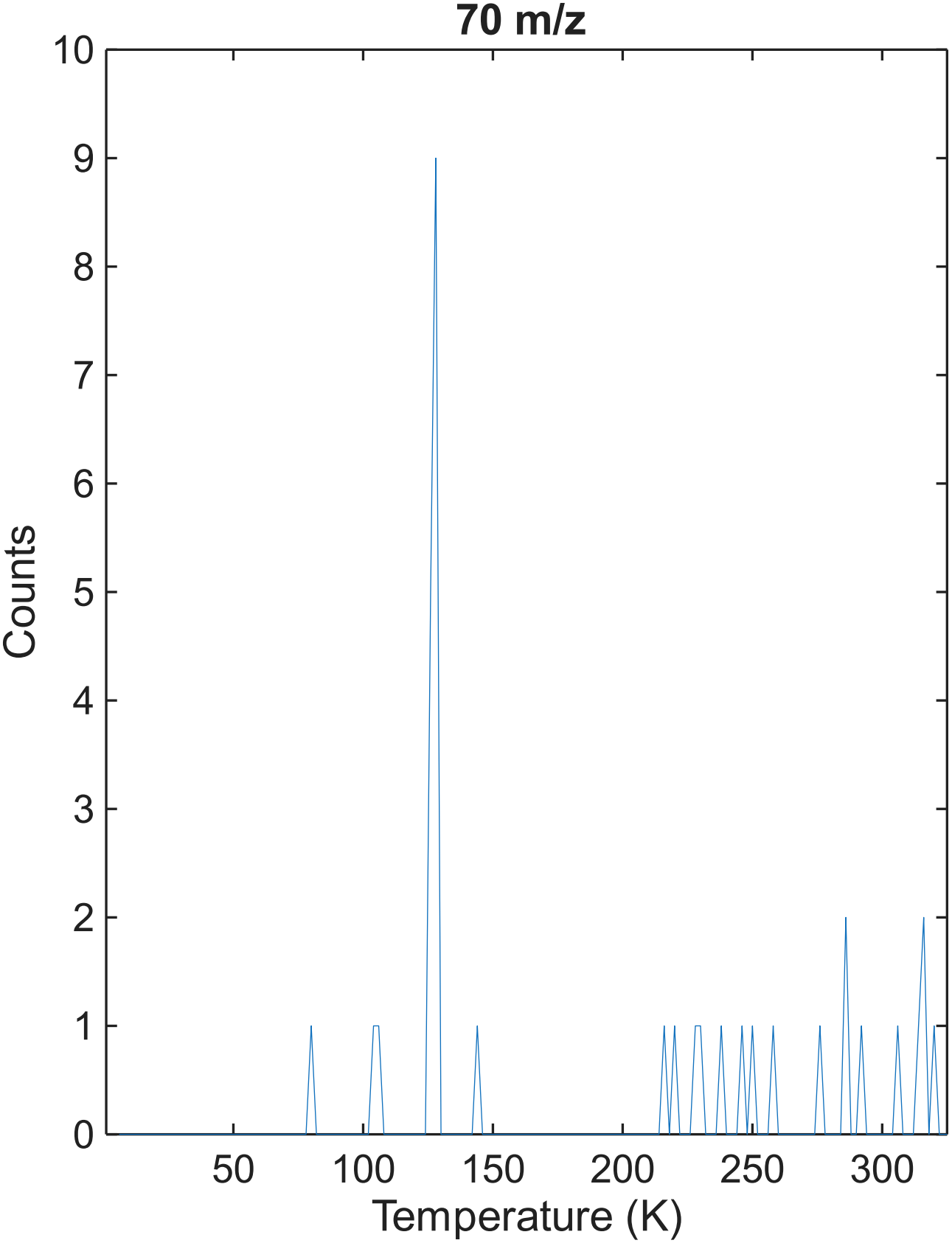
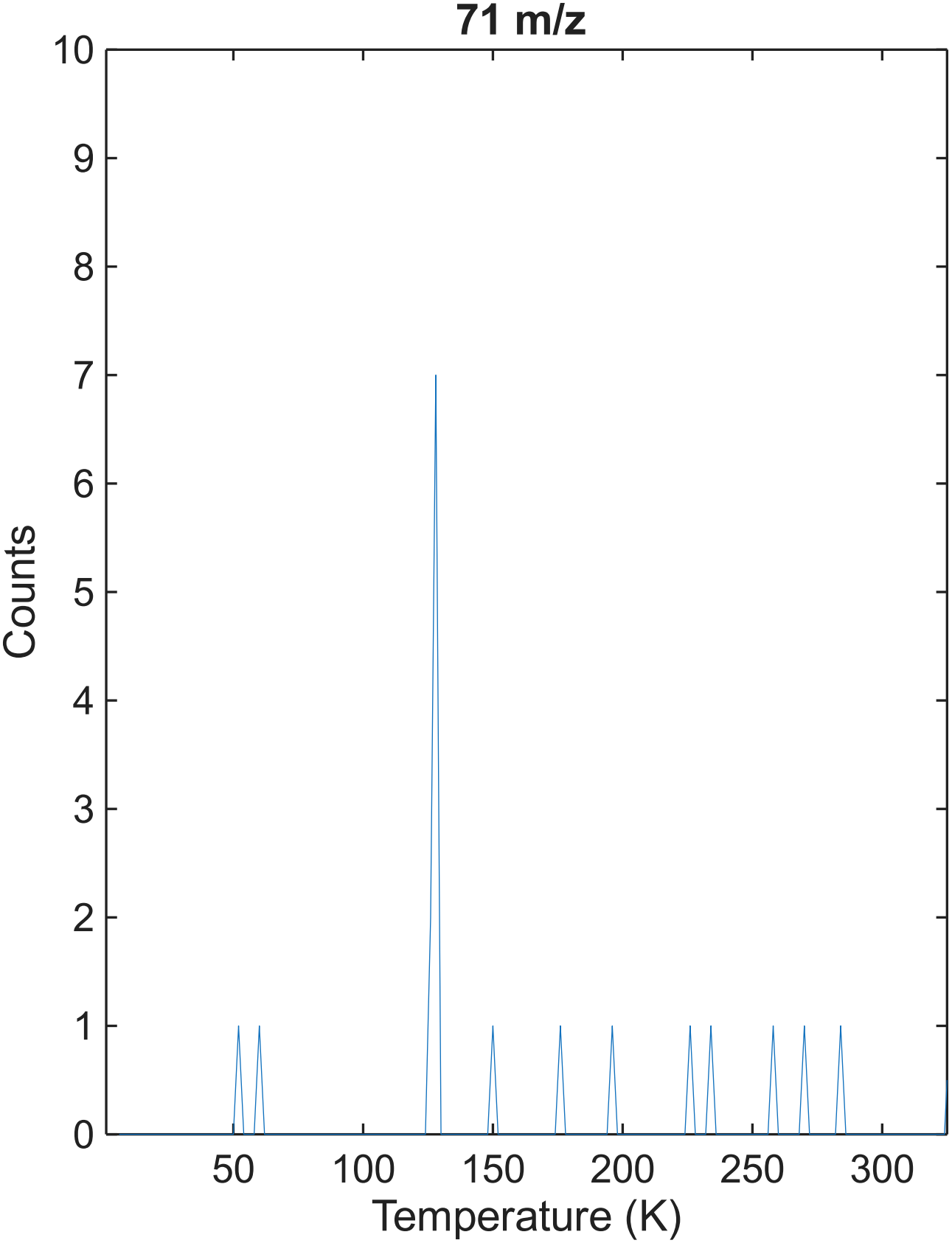
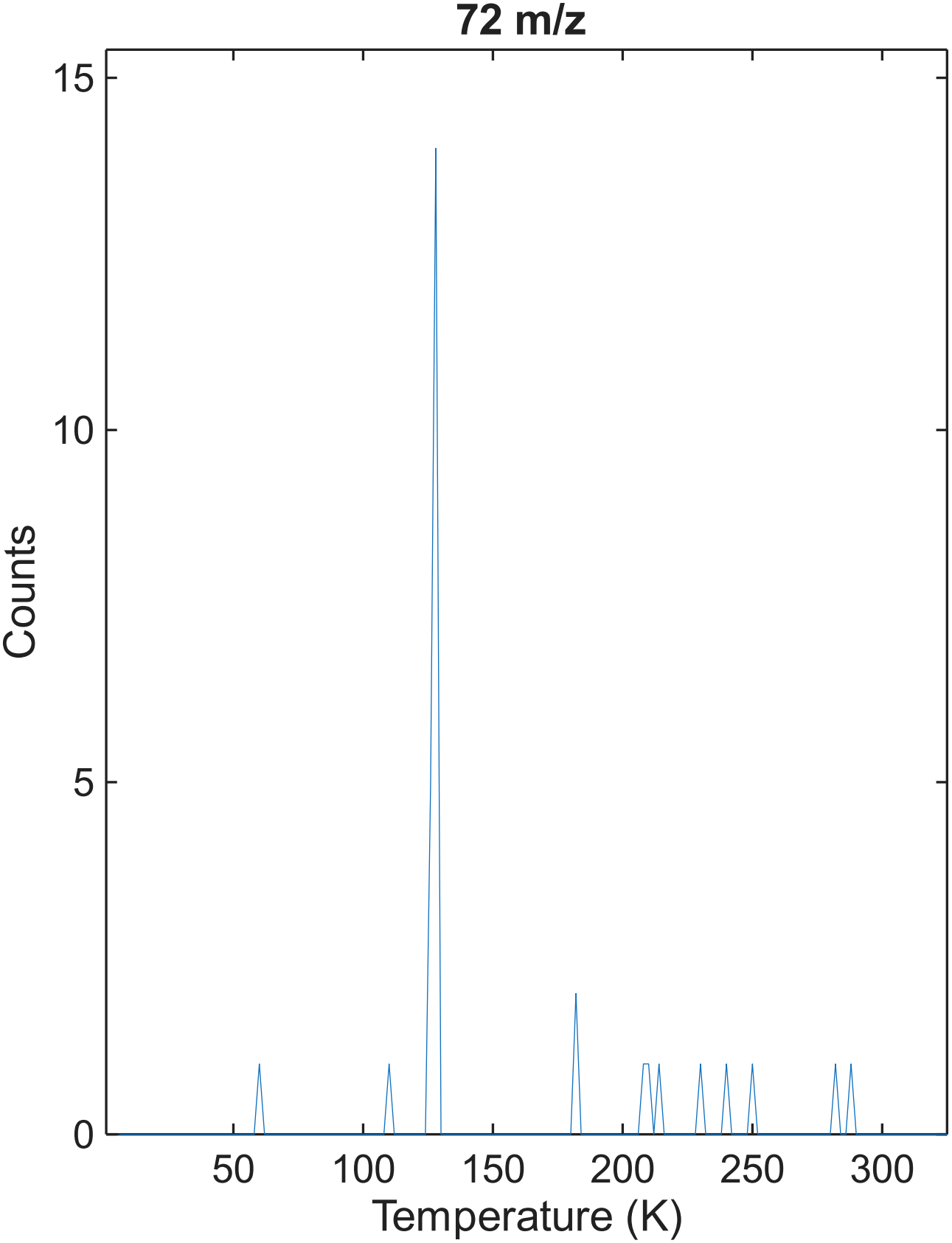
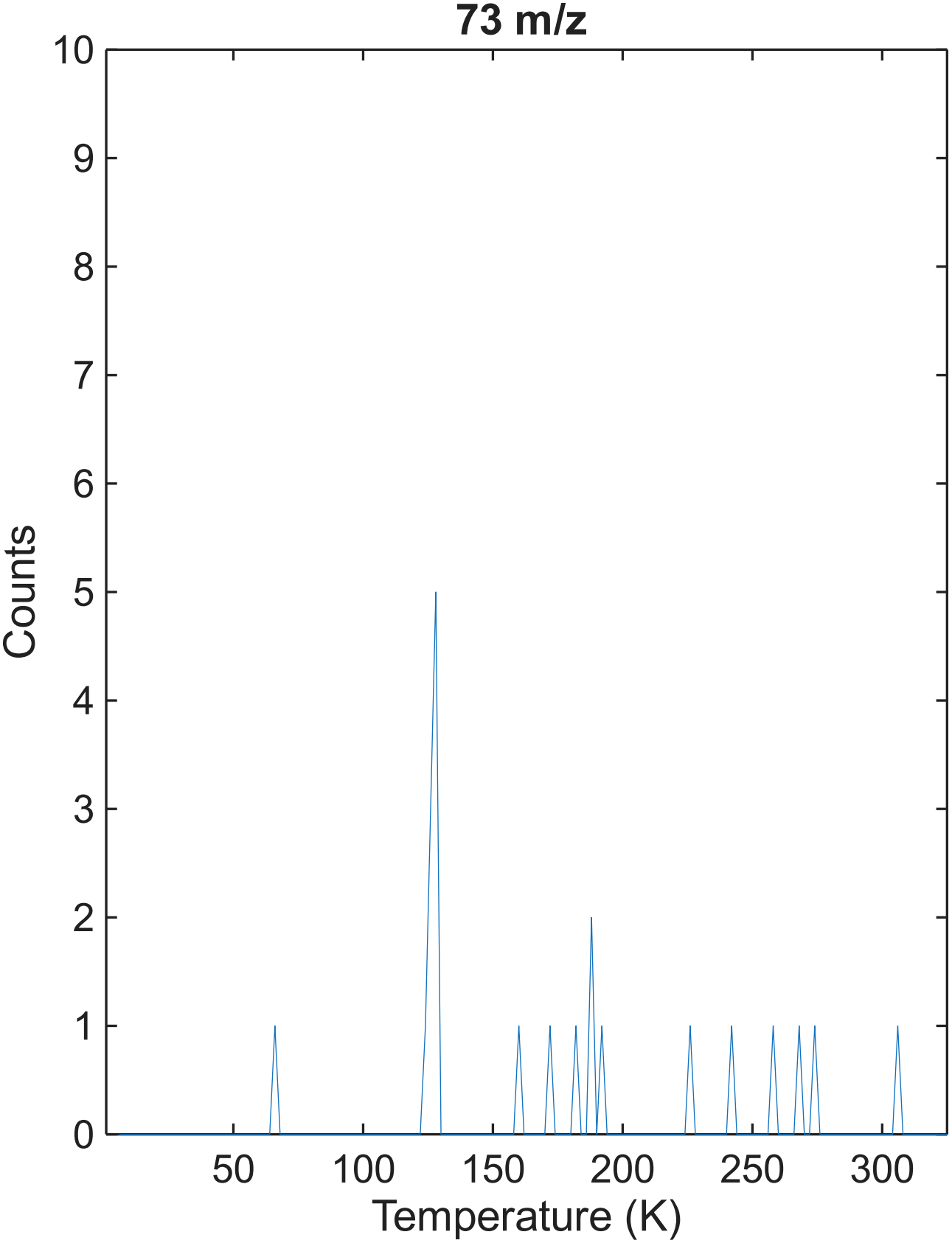
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

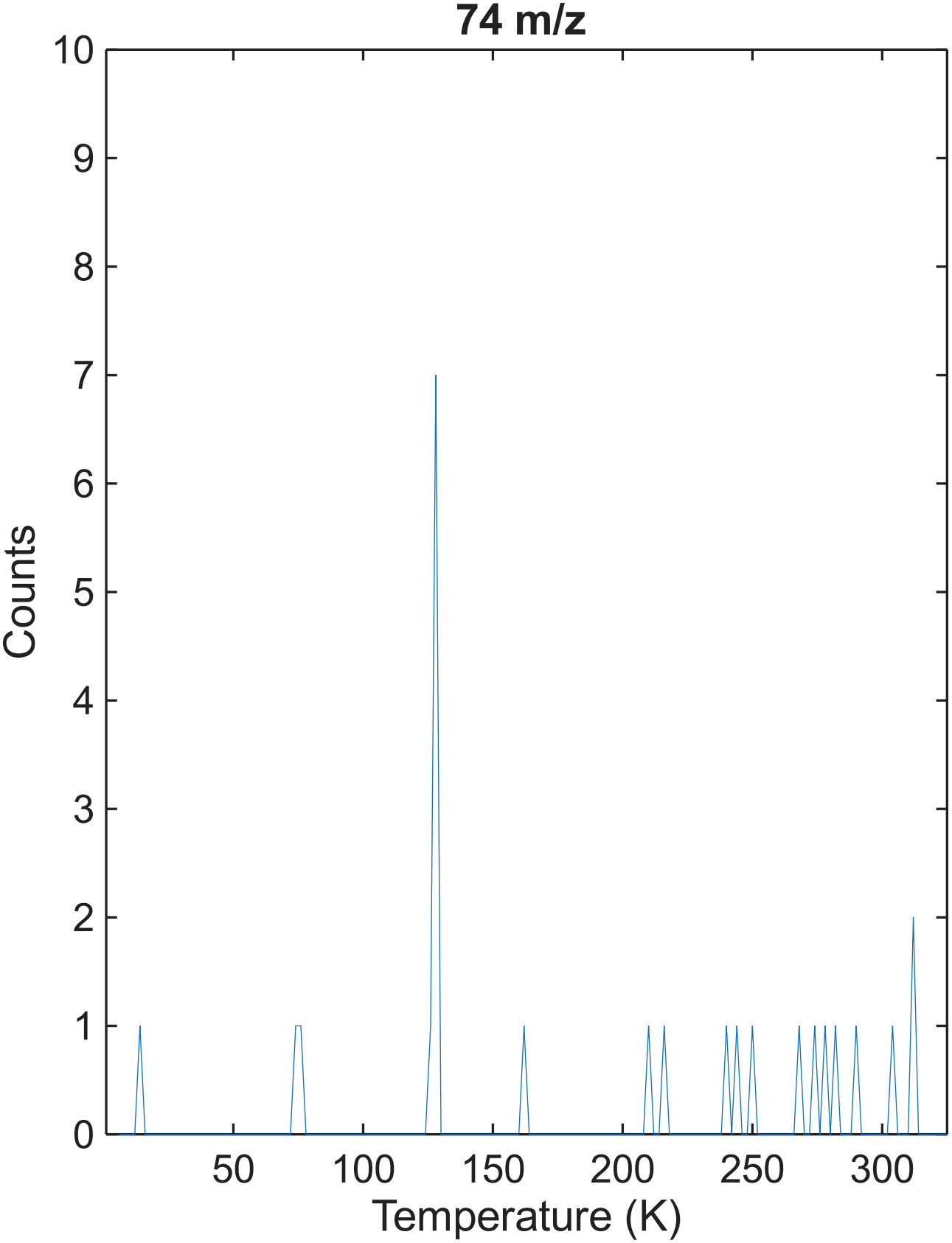

69 m/z
Counts
Temperature (K)
0
2
4
6
8
10
12
50
100
150
200
250
300

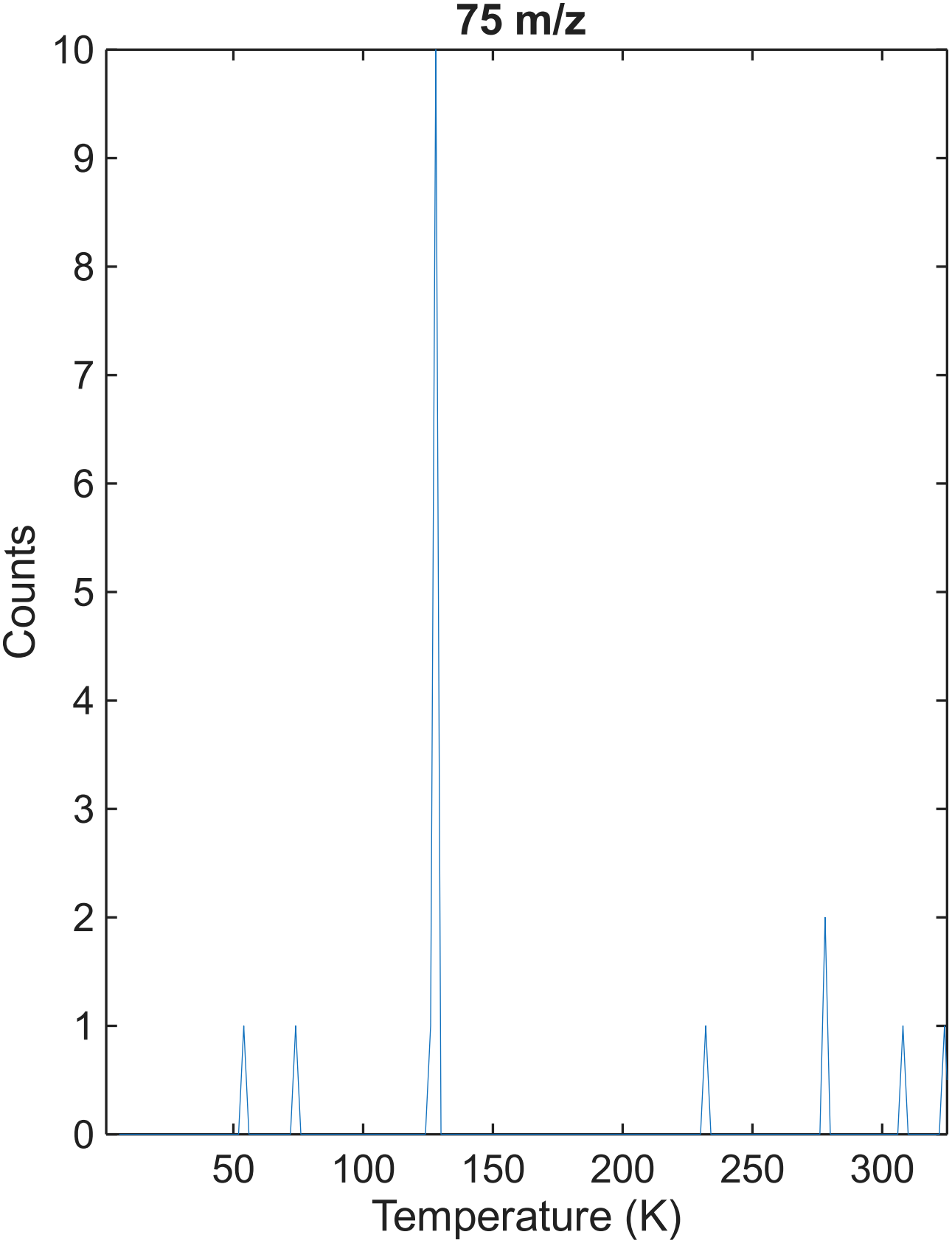

70 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

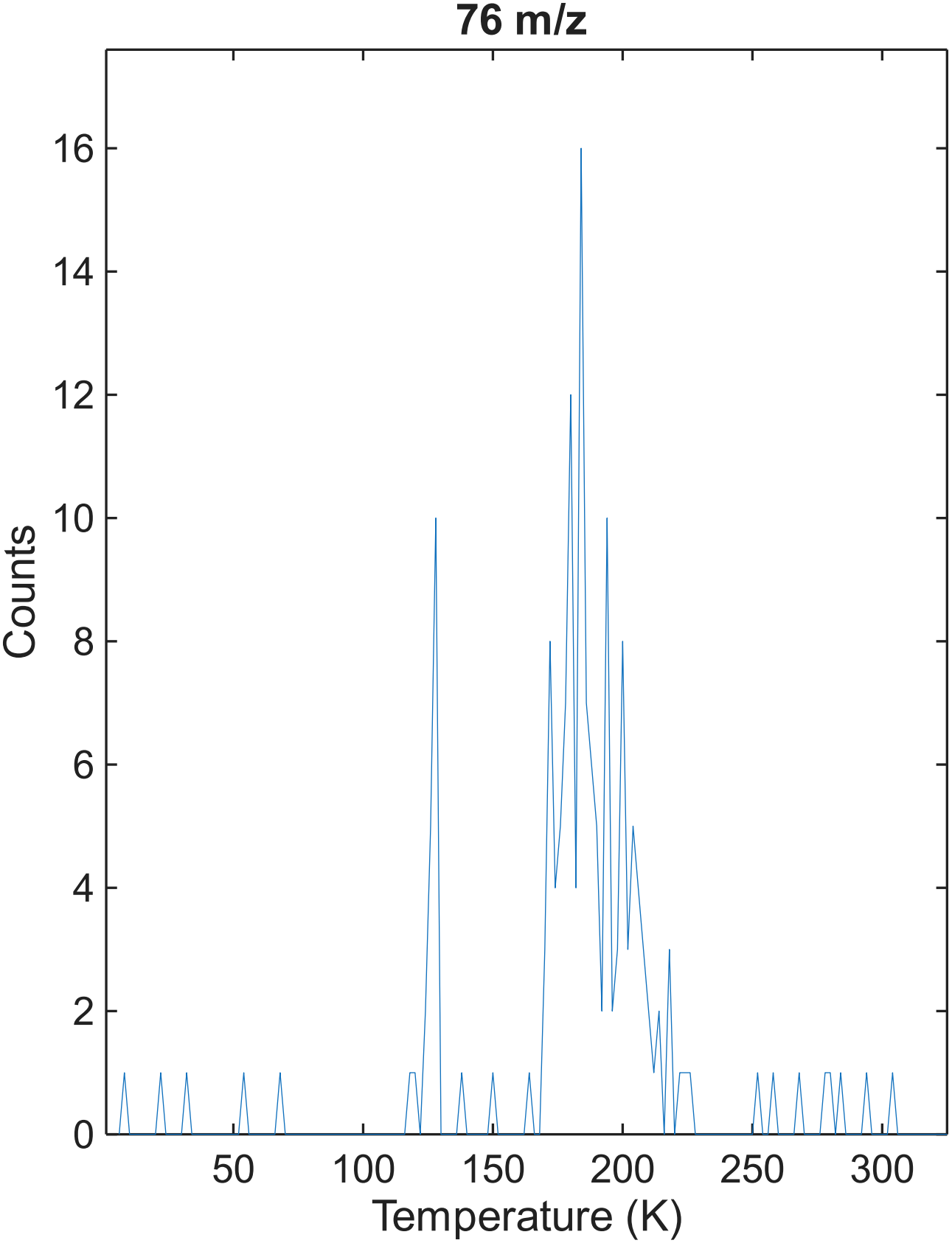

71 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

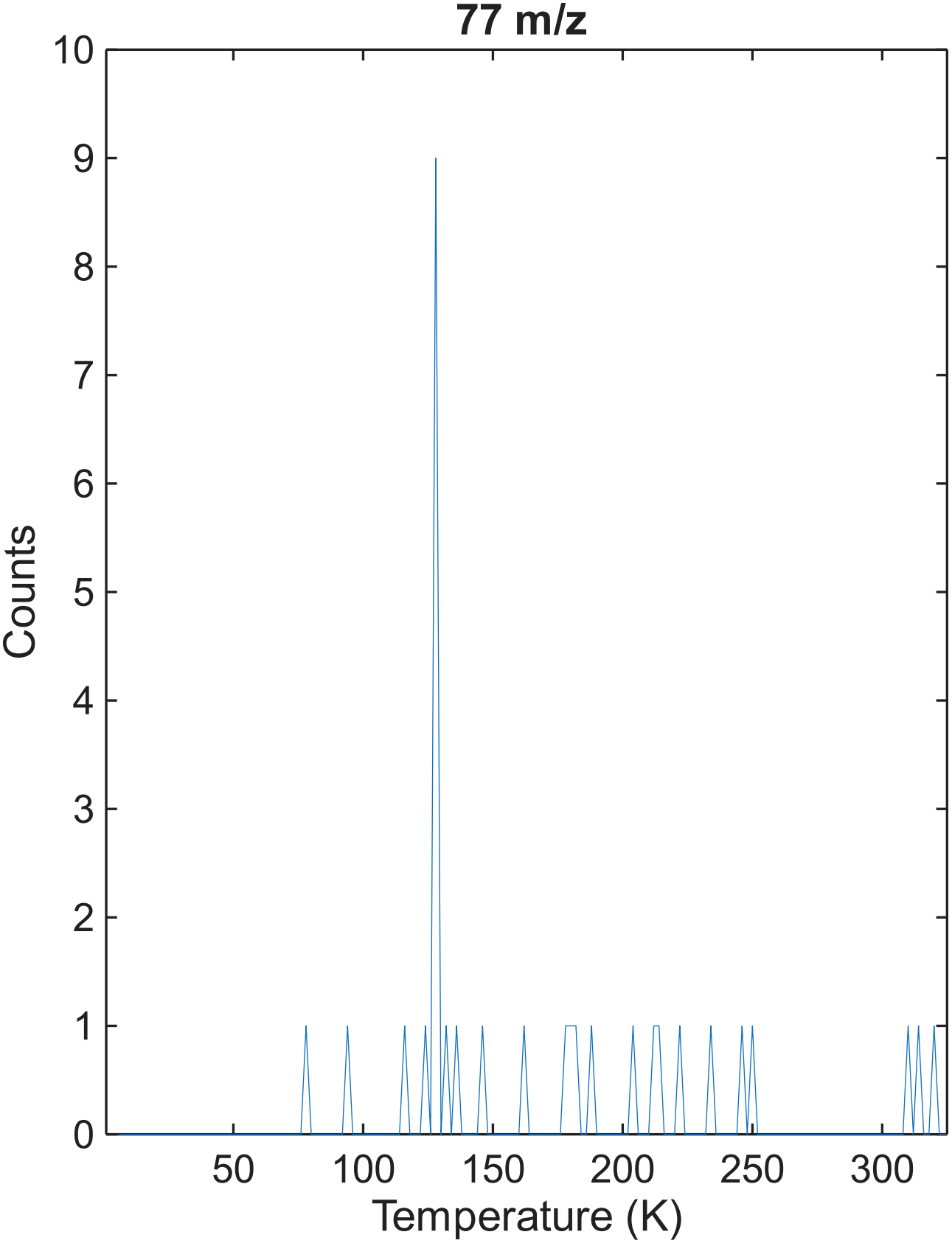

72 m/z
15
10
5
0
Counts
50
100
150
200
250
300
Temperature (K)

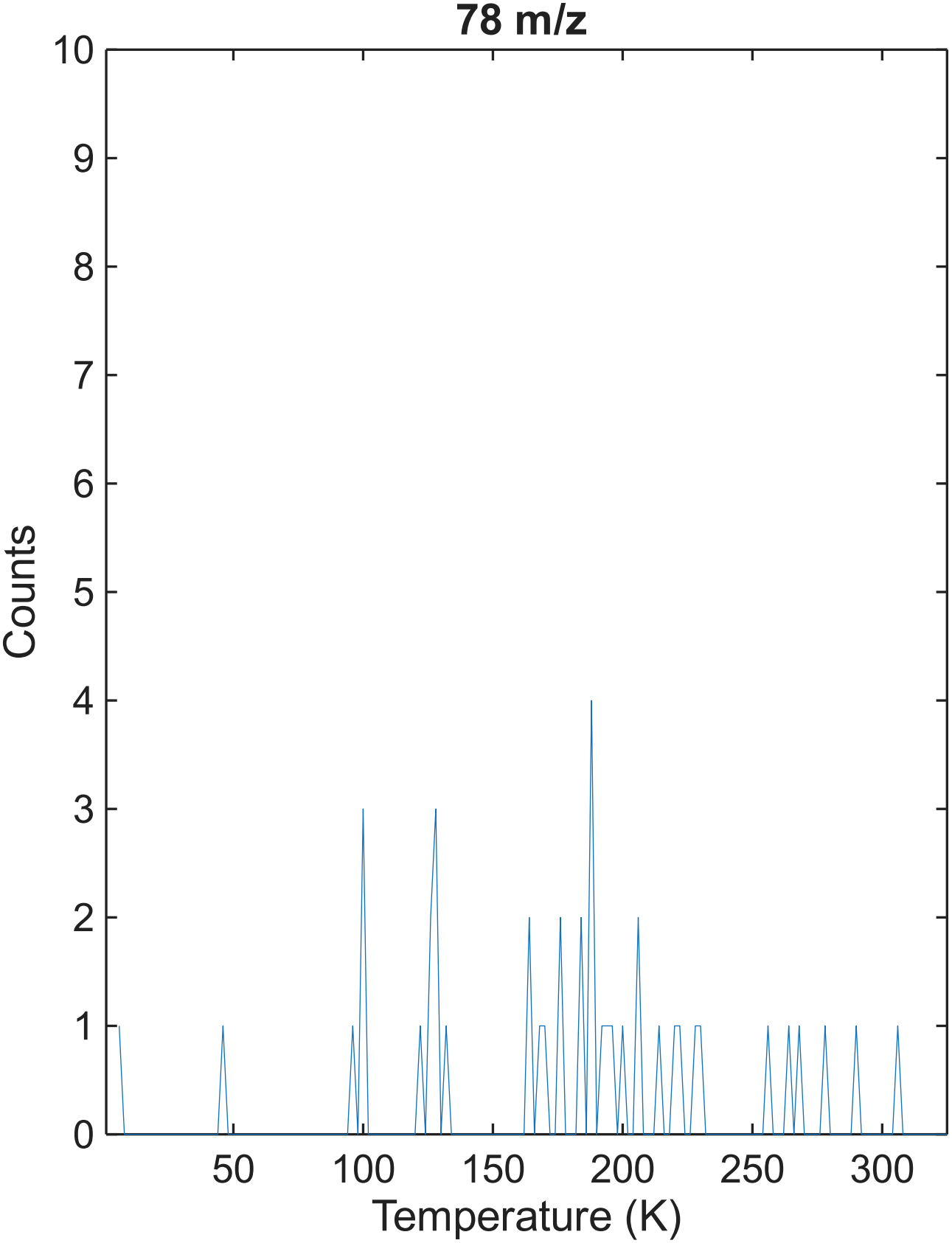

73 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300

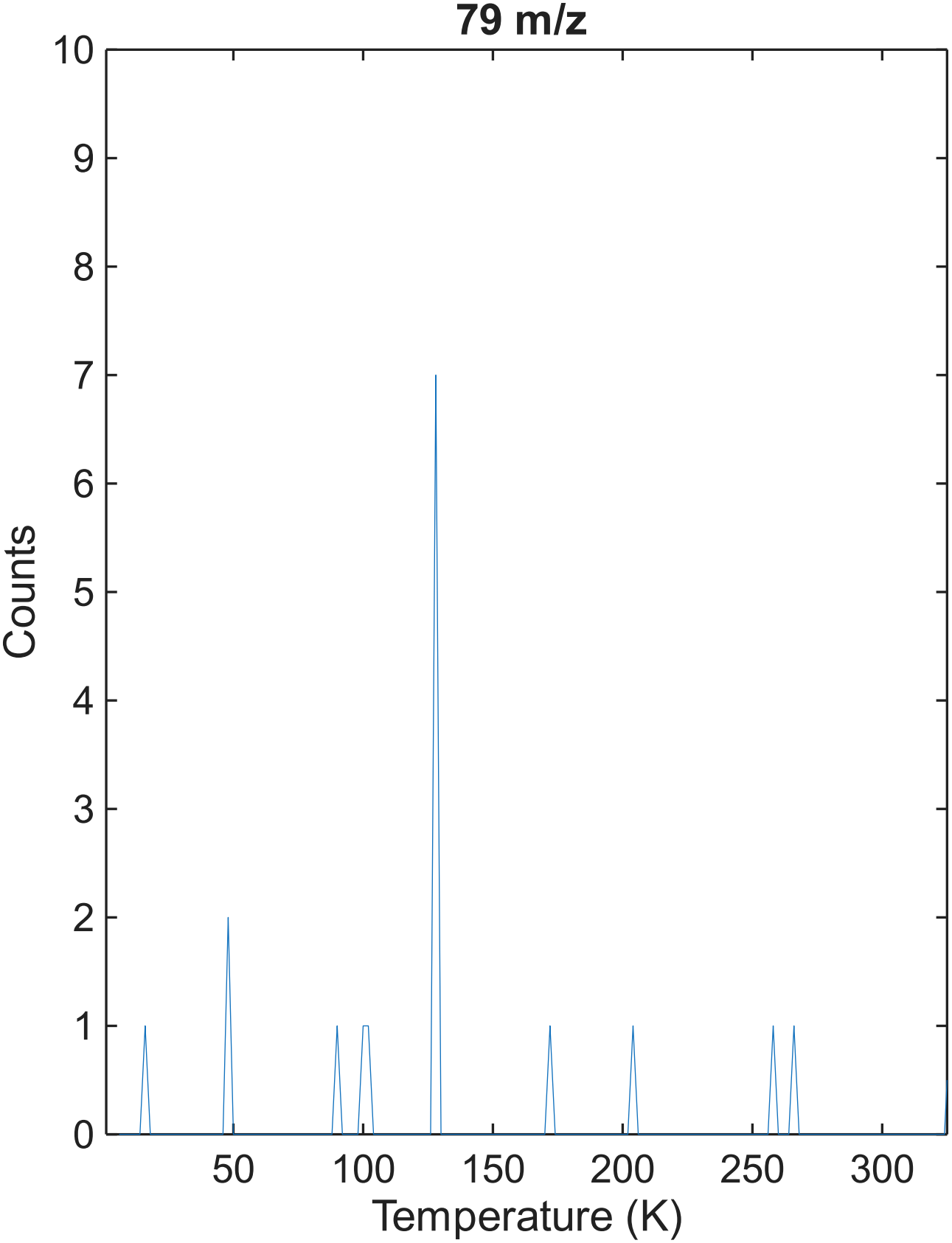

74 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300


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


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


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


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


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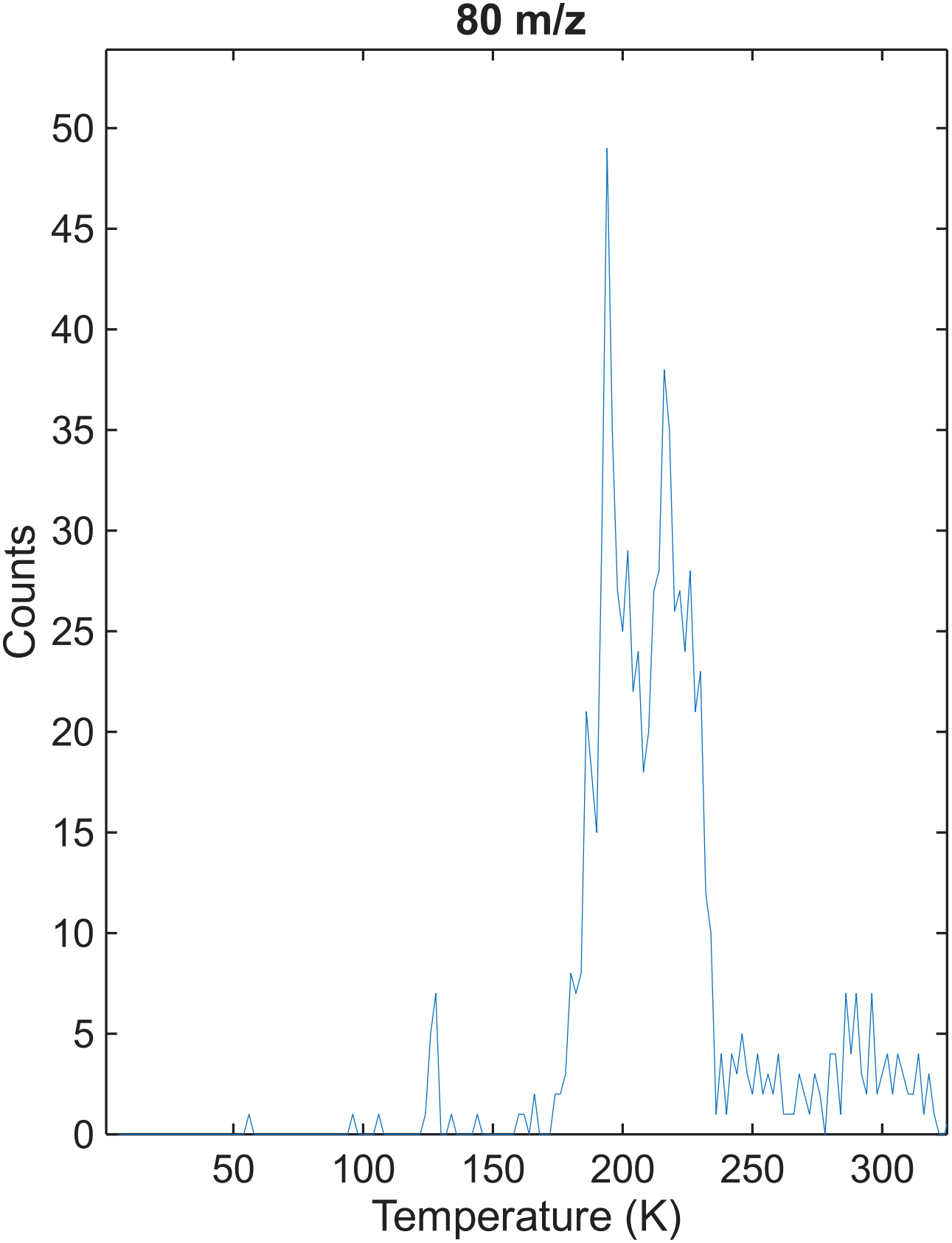
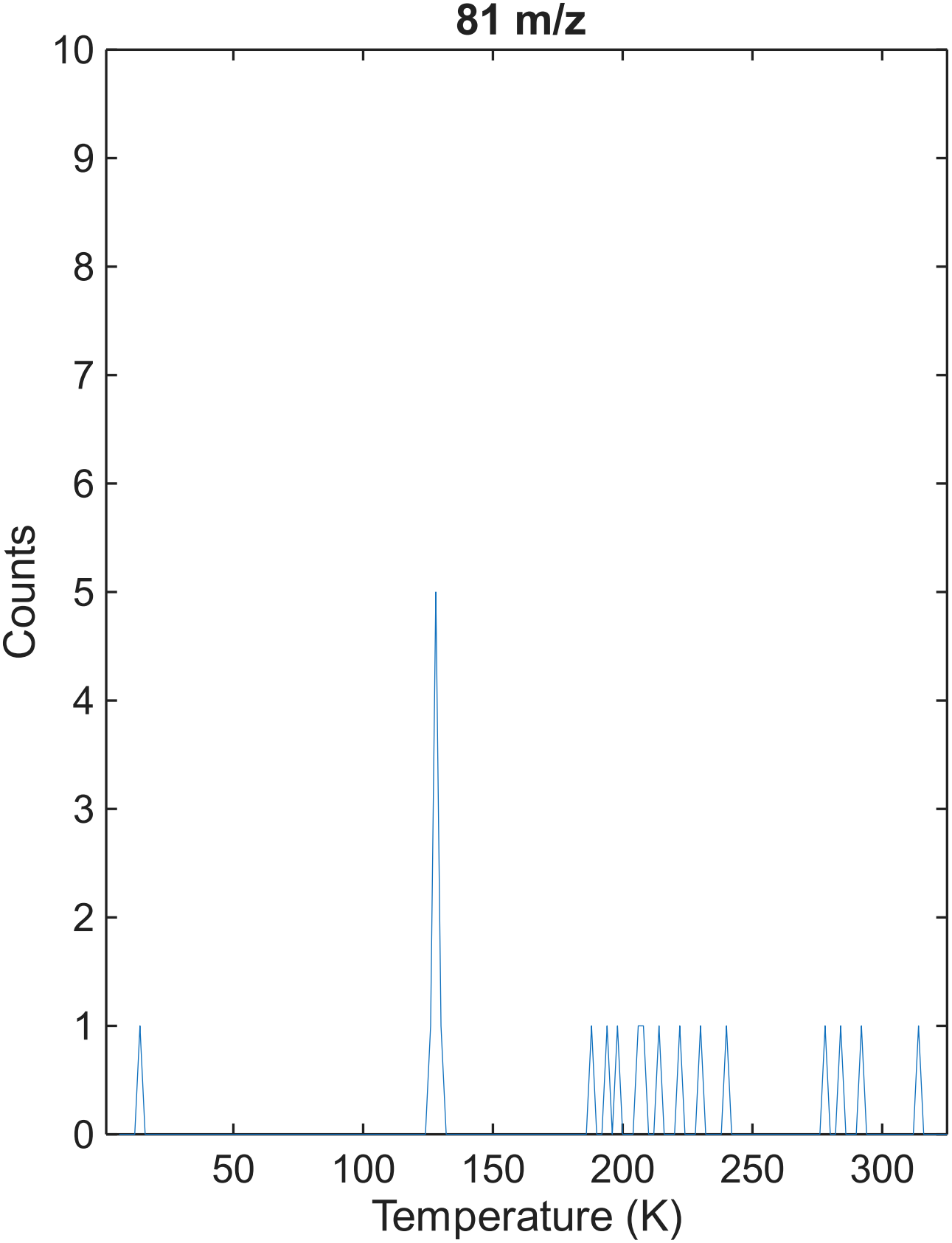
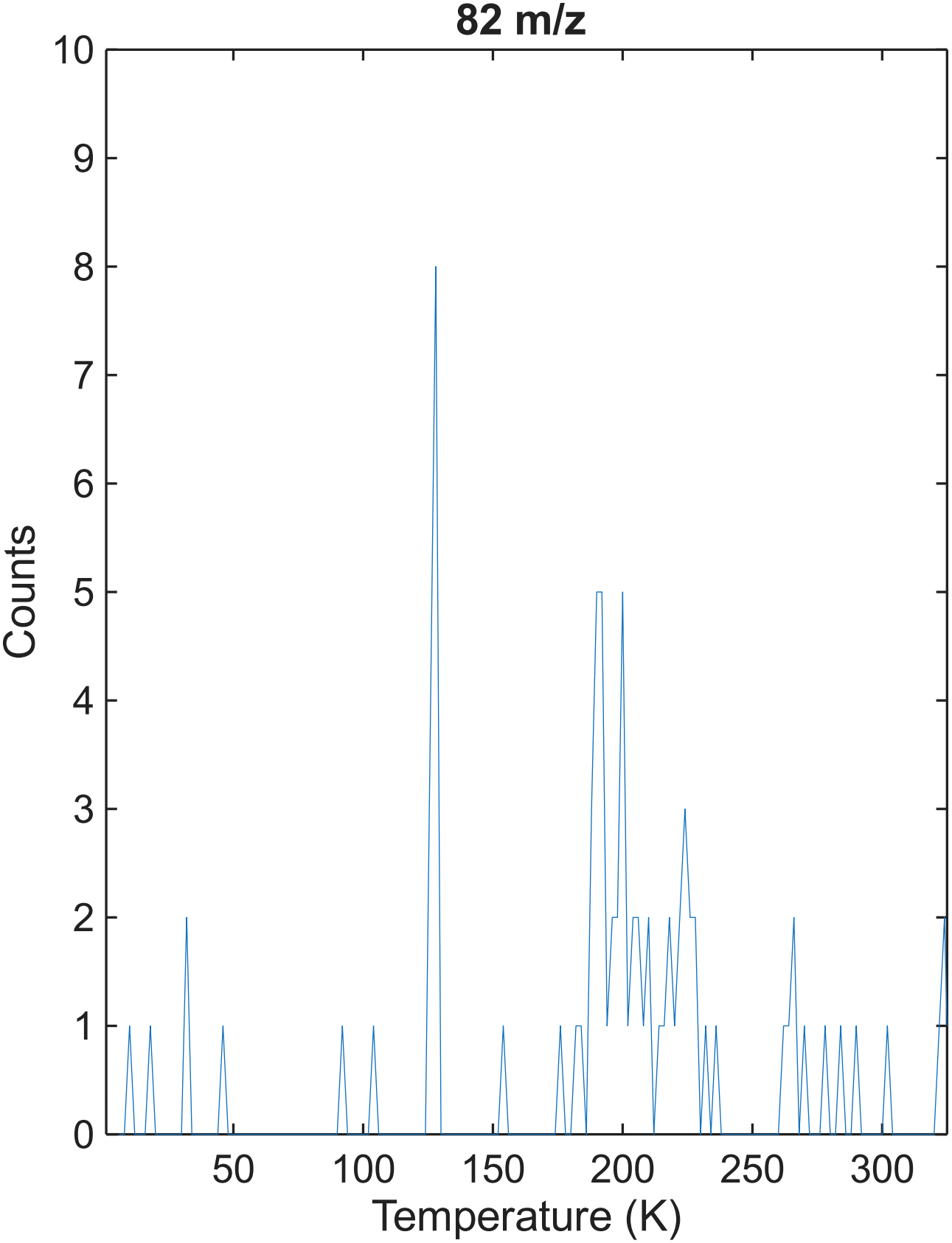
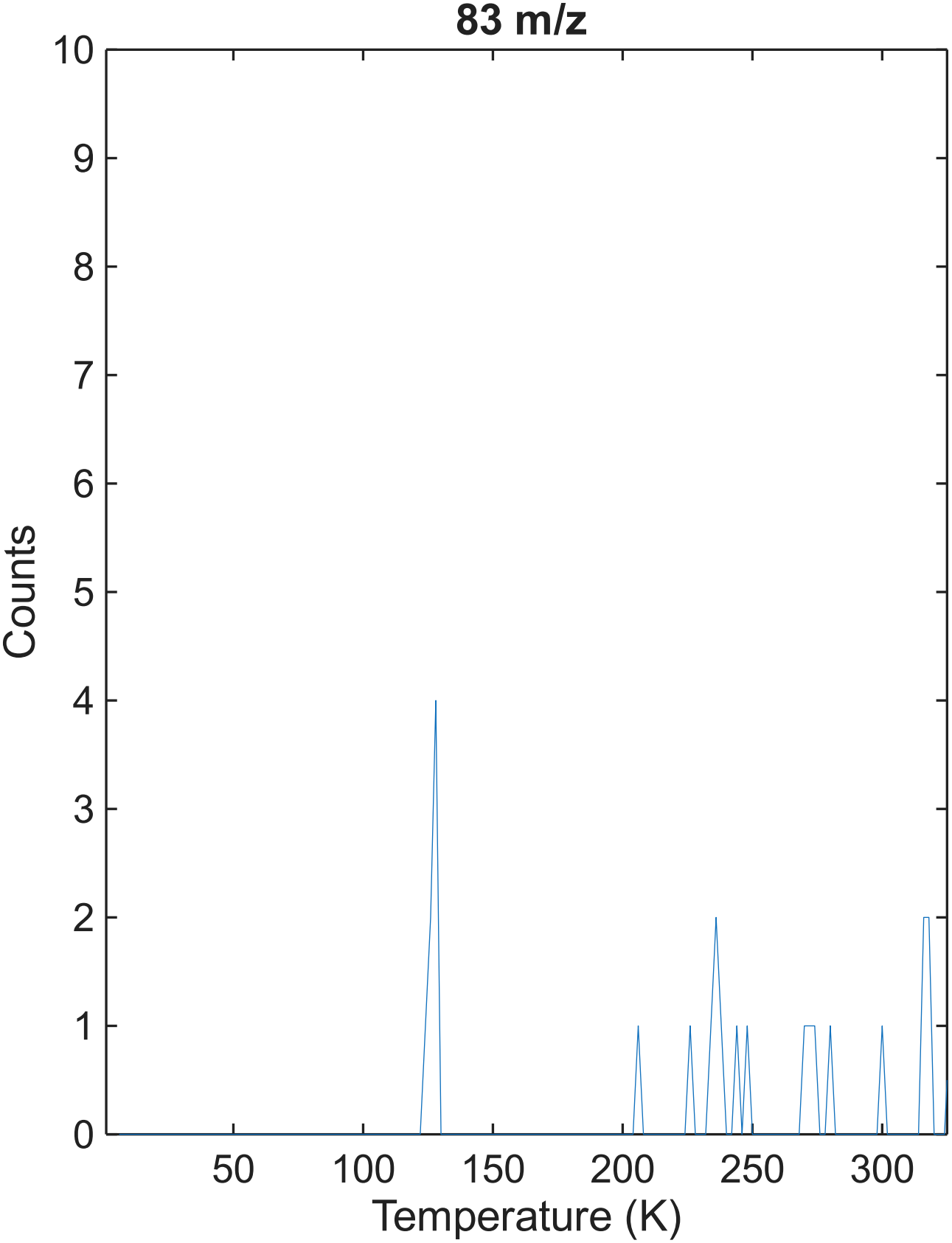
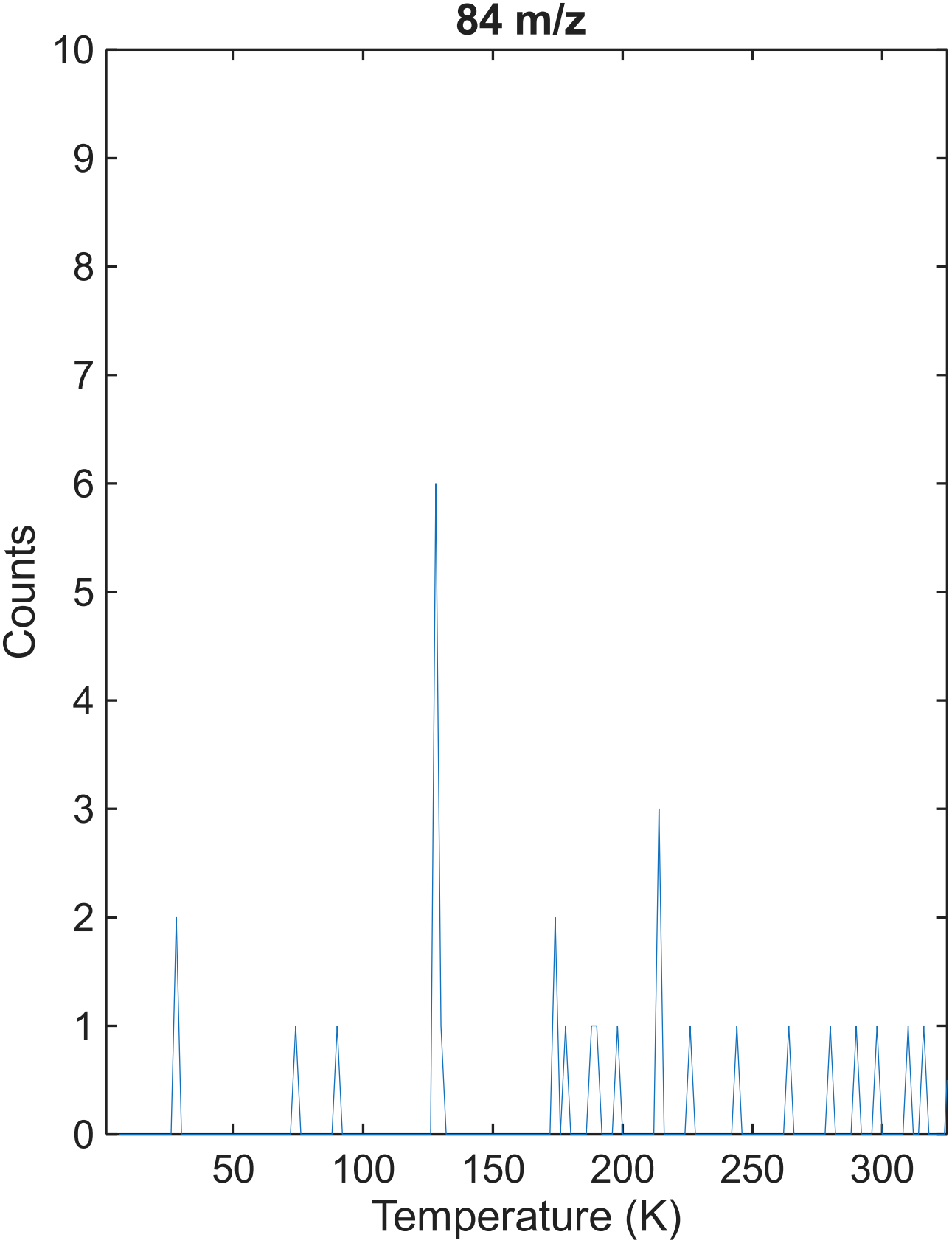
150
200
250
300

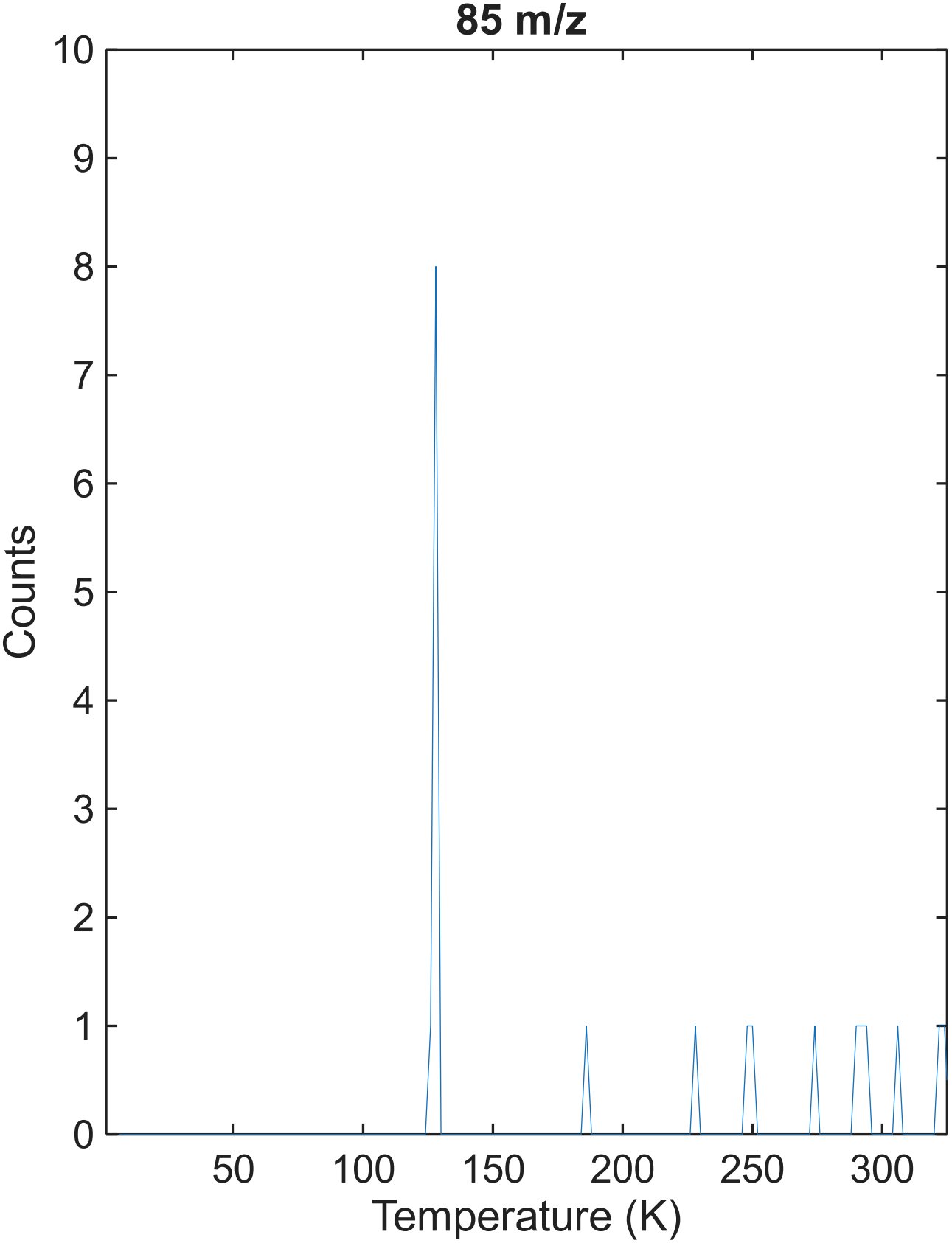

80 m/z
Counts
Temperature (K)
0
5
10
15
20
25
30
35
40
45
50
50
100
150
200
250
300

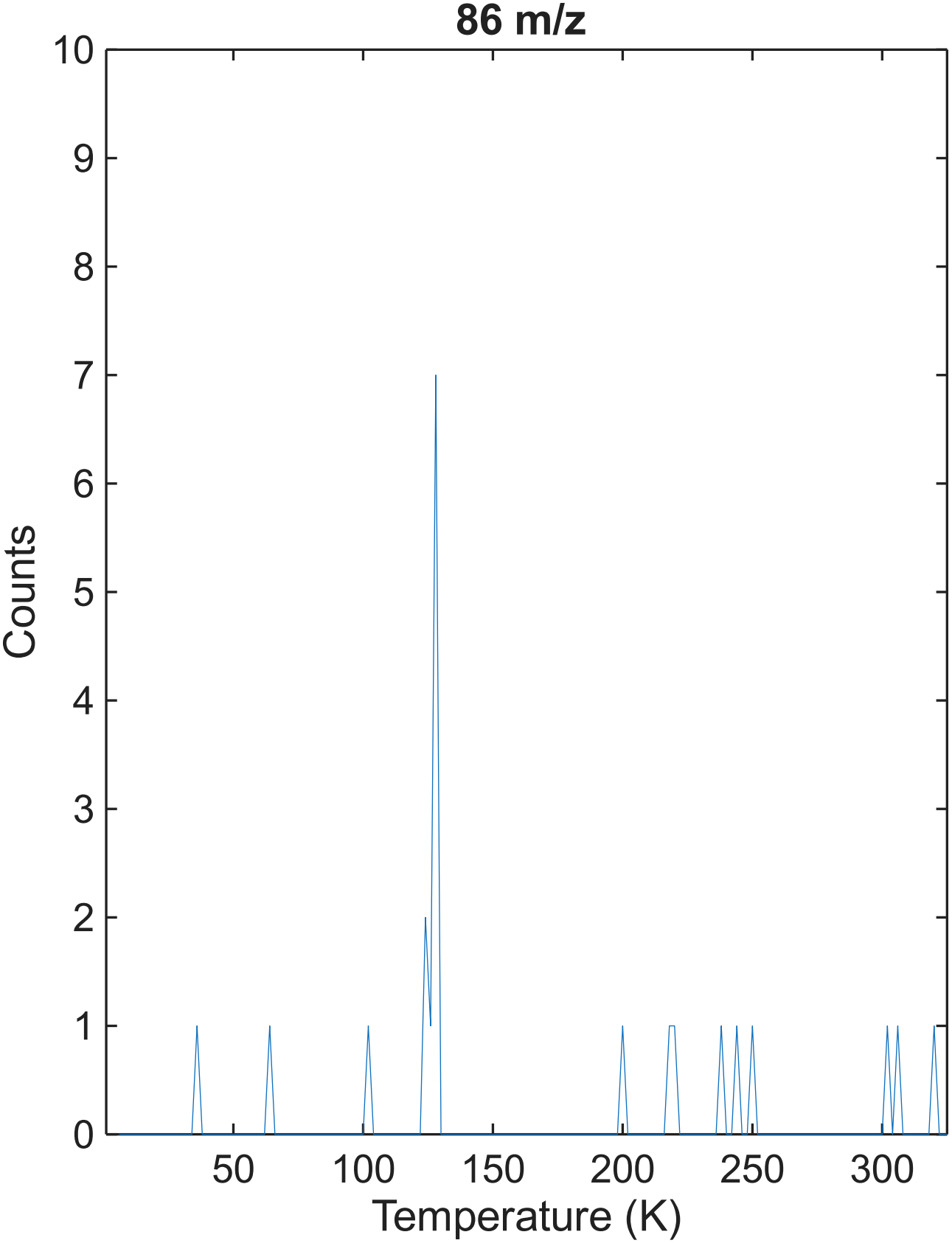

81 m/z
Counts
Temperature (K)
0
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300


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
1
2
3
4
5
6
7
8
9
10
50
100
150
200
250
300


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


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


86 m/z
Counts
Temperature (K)
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1
2
3
4
5
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9
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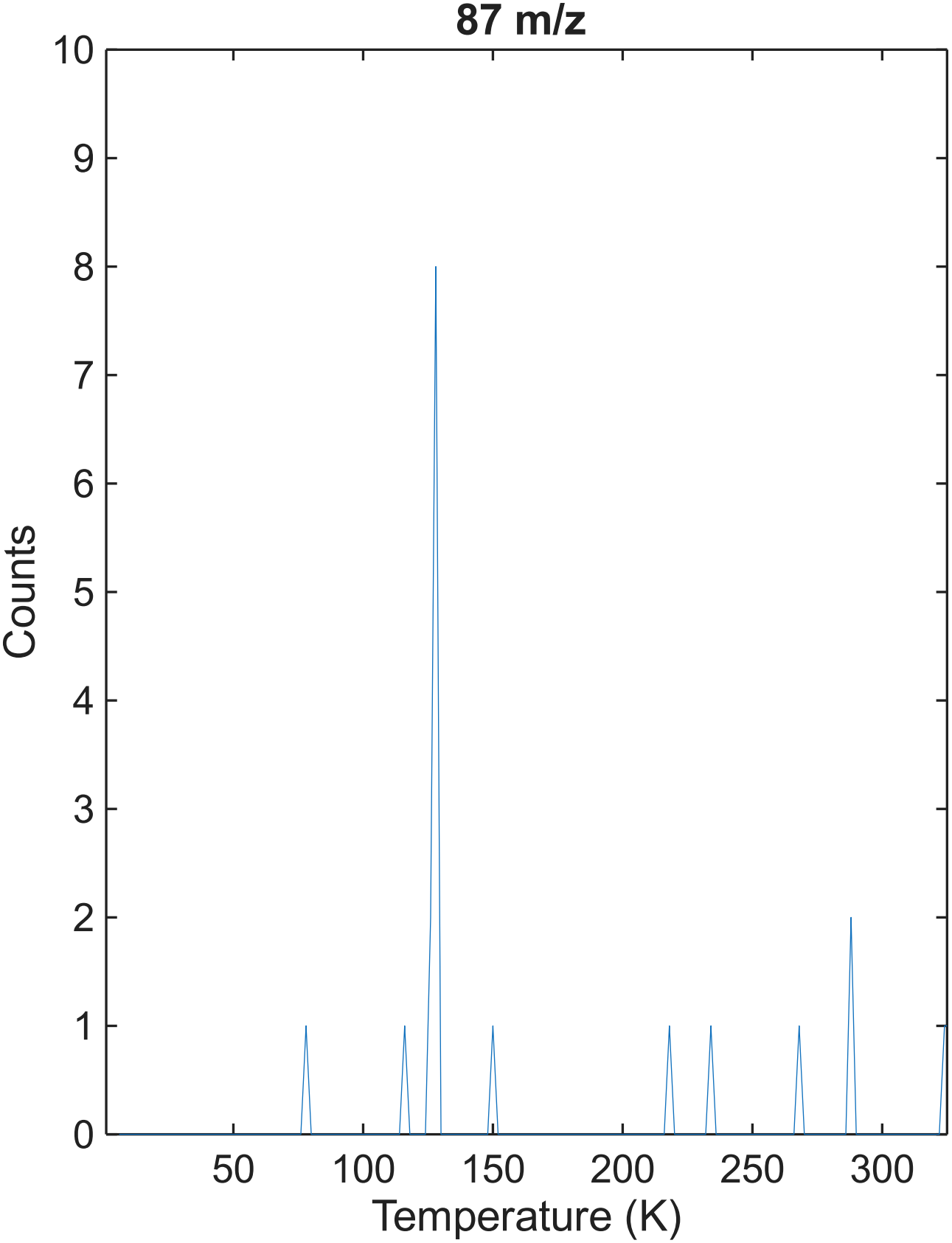
200
250
300


87 m/z
Counts
Temperature (K)
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2
3
4
5
6
7
8
9
10
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200
250
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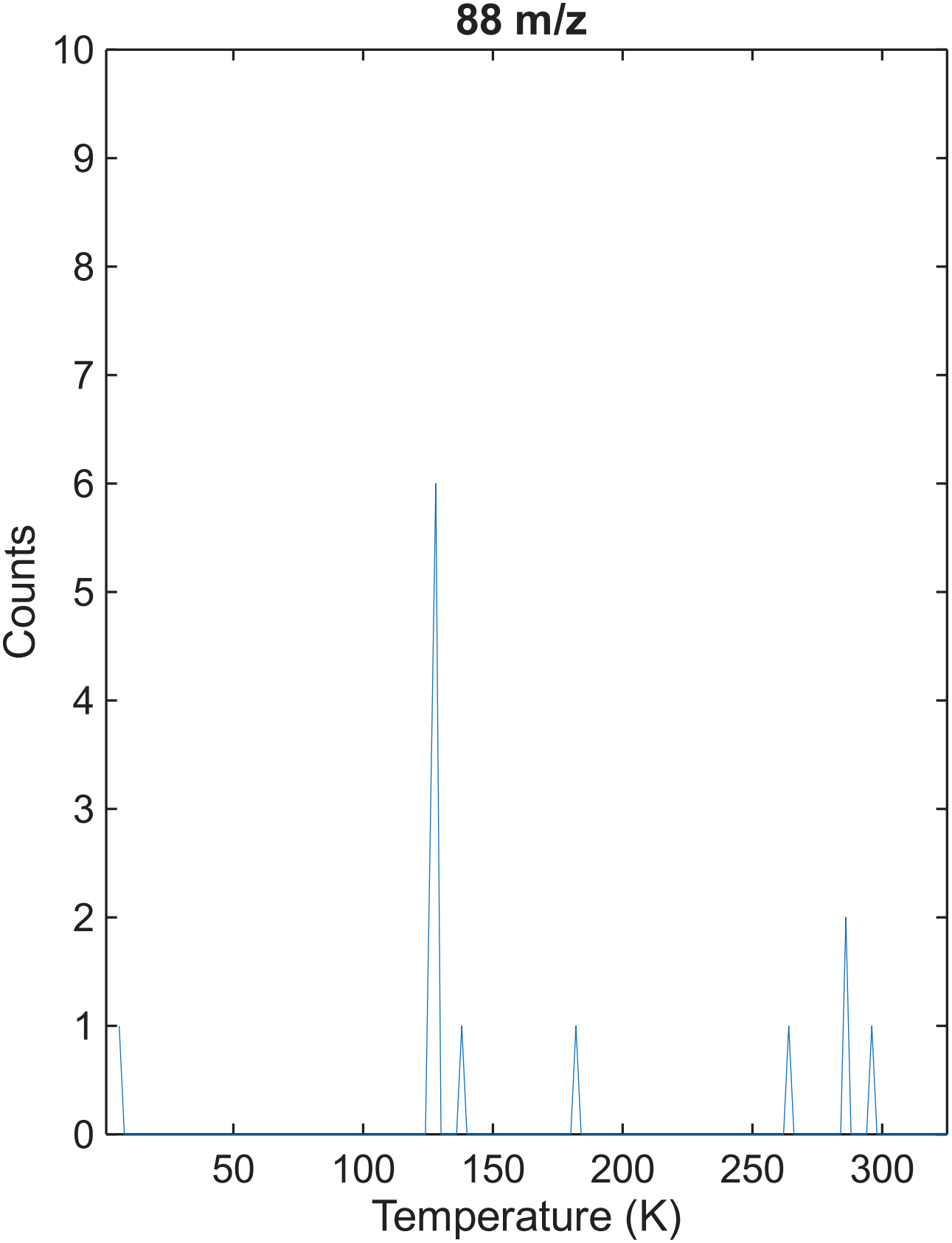
88 m/z
Counts
Temperature (K)
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2
3
4
5
6
7
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9
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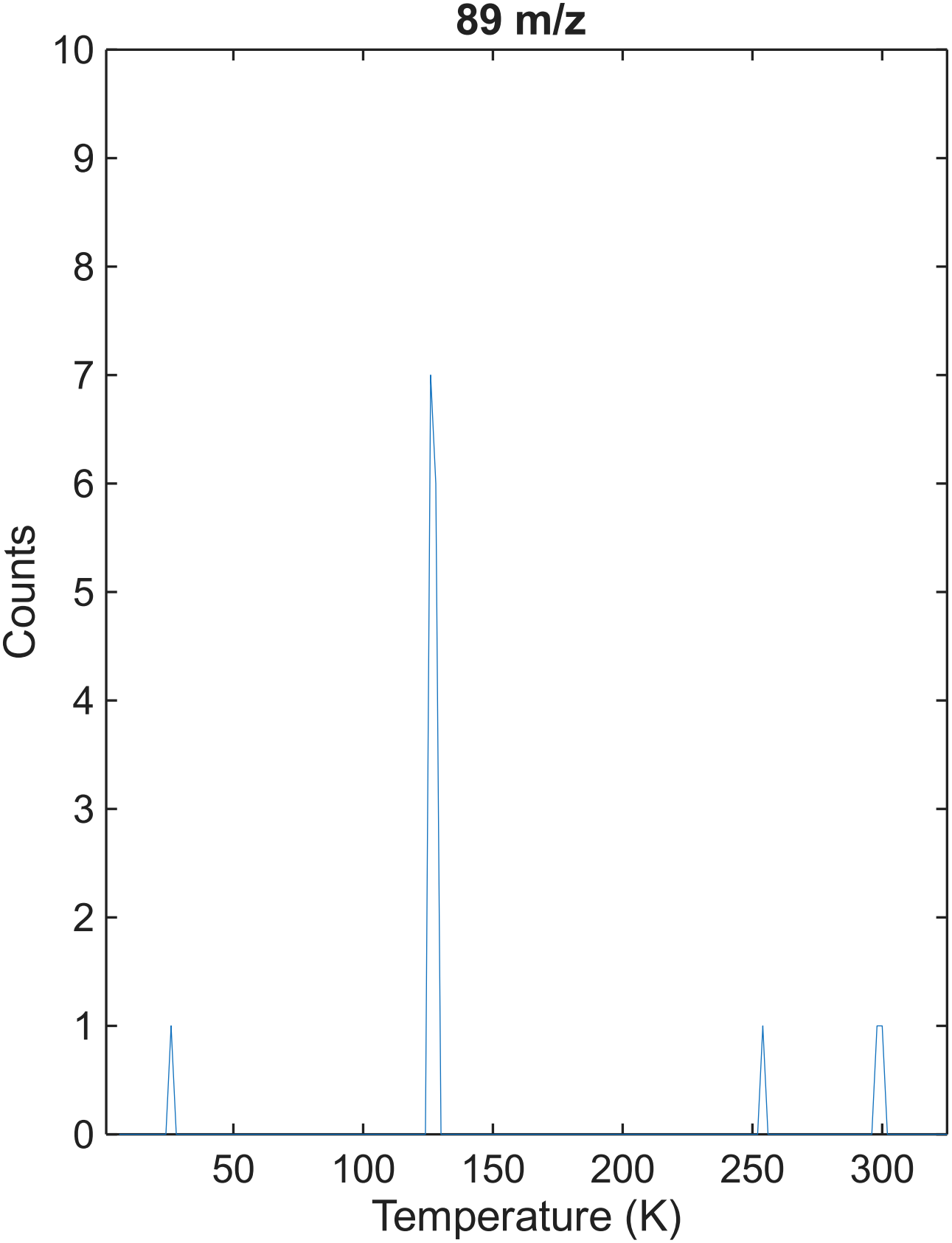
250
300


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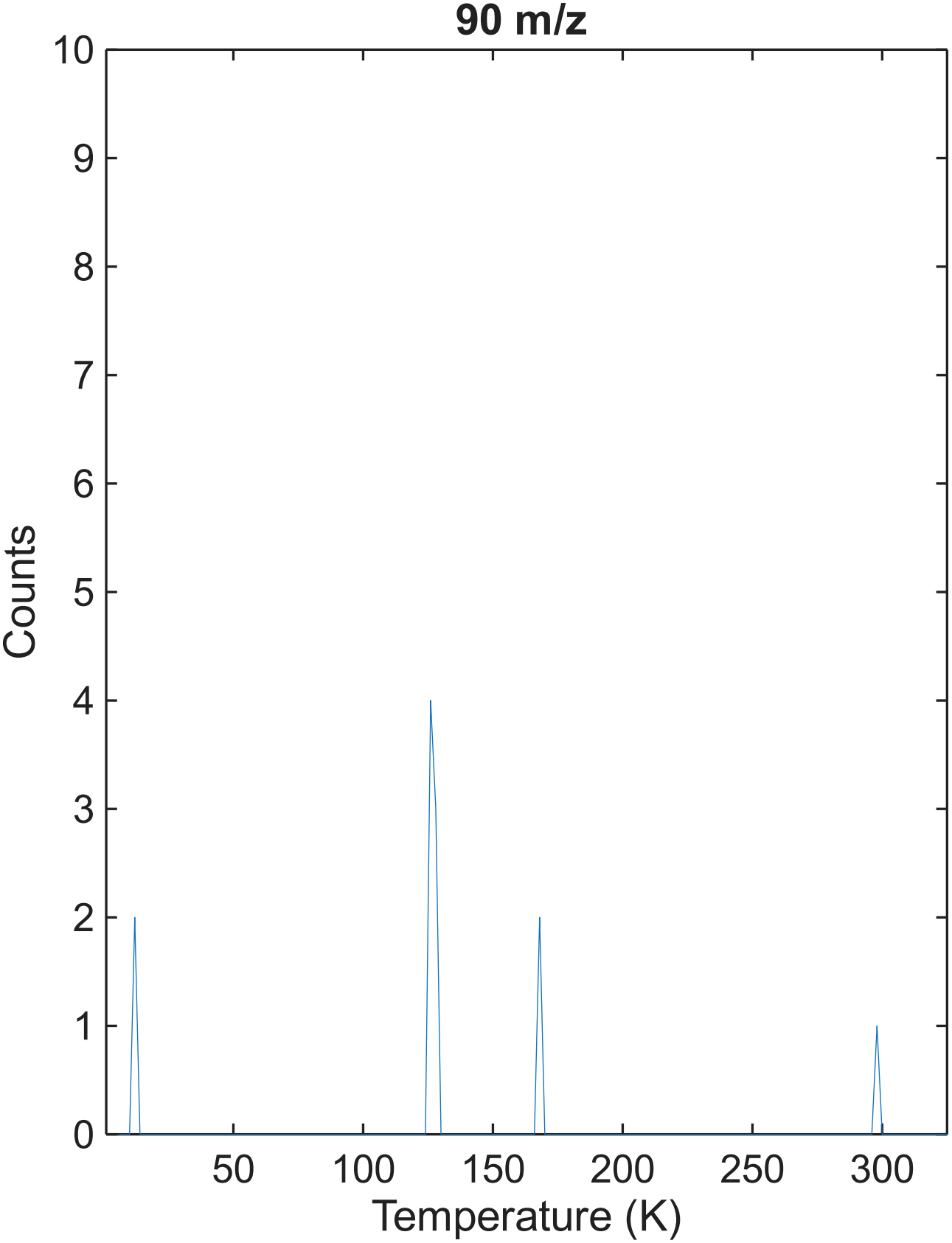
4
3
2
1
0
Counts
50
100
150
200
250
300
Temperature (K)


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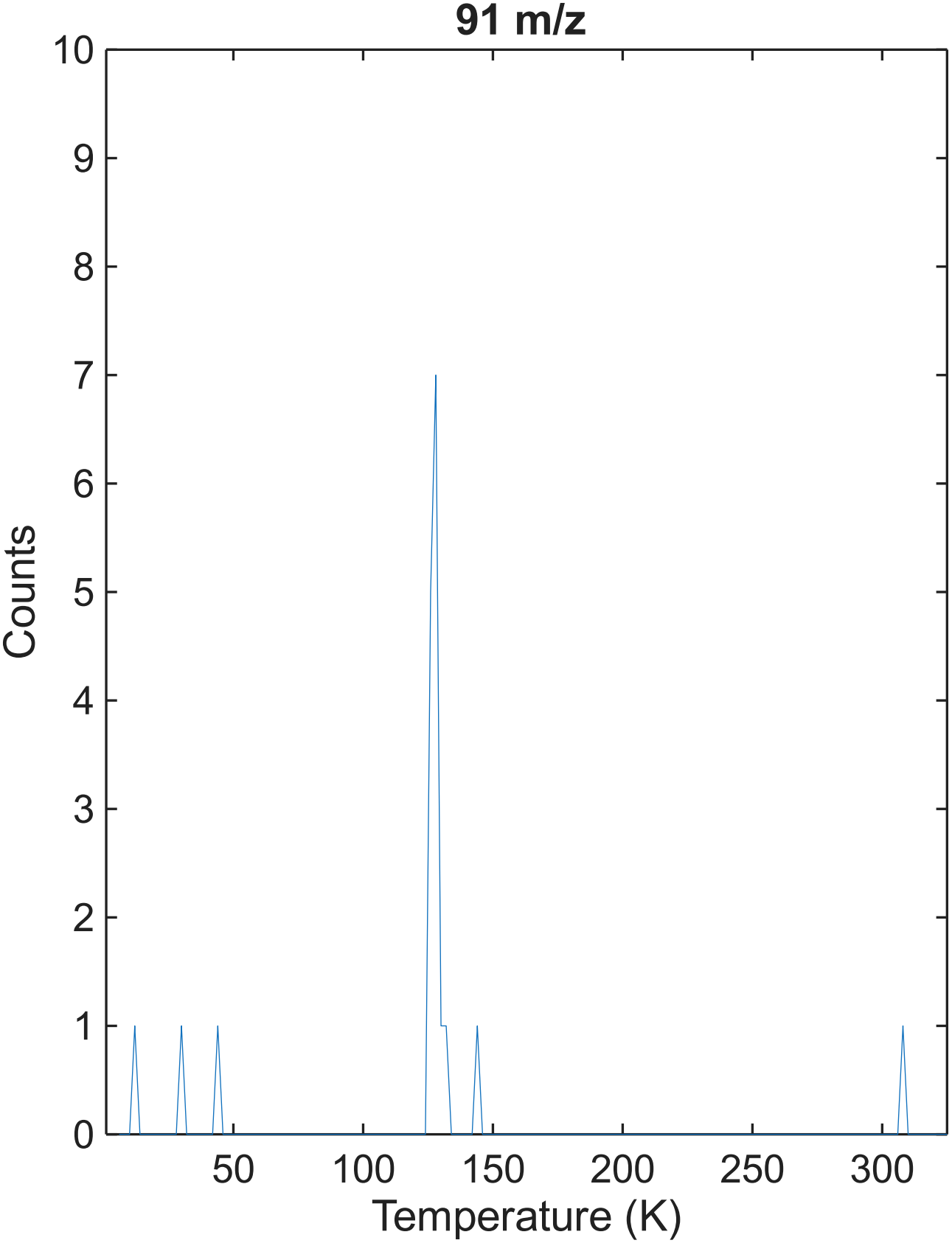
6
5
4
3
2
1
0
Counts
50
100
150
200
250
300
Temperature (K)


91 m/z
Counts
Temperature (K)
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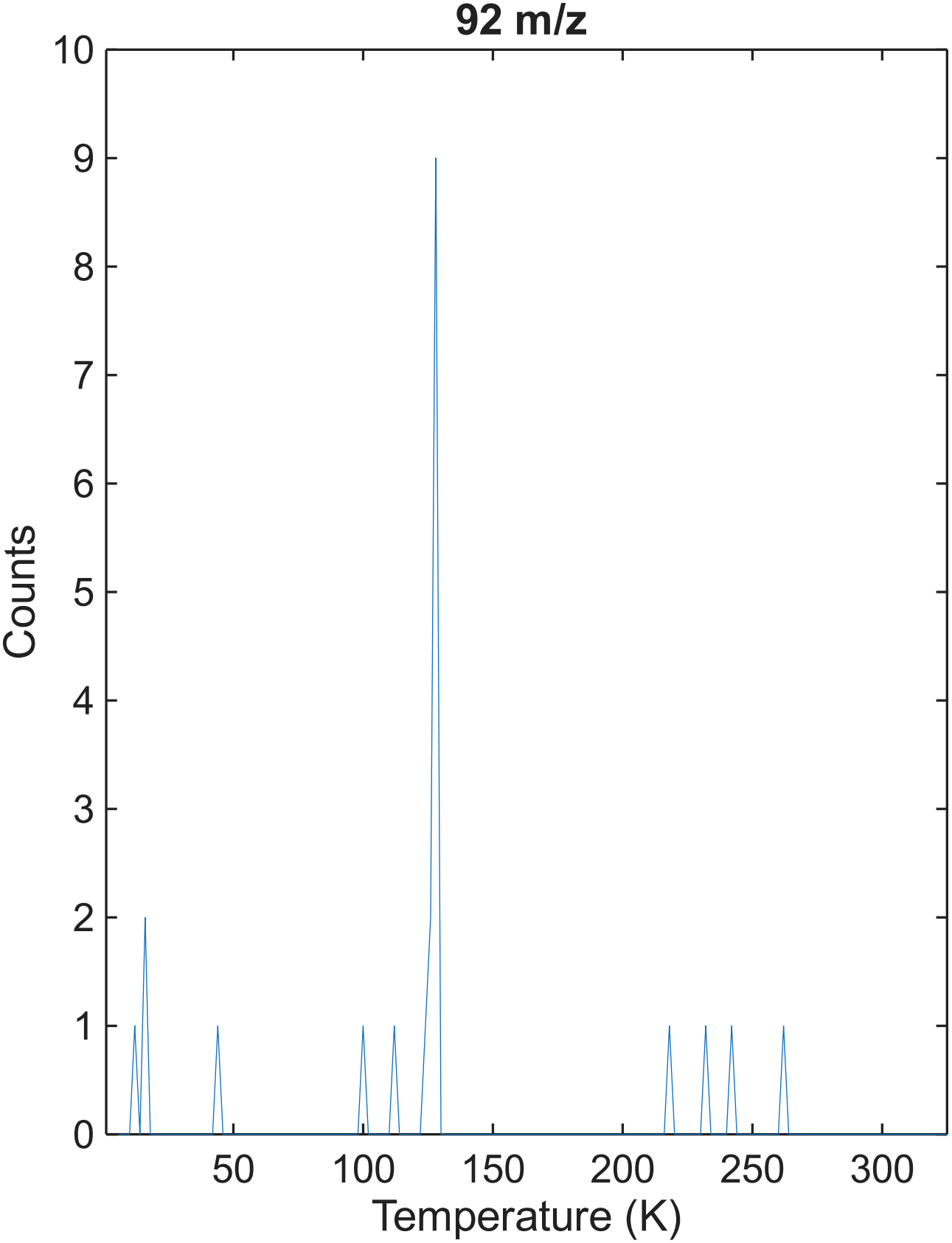
92 m/z
Counts
Temperature (K)
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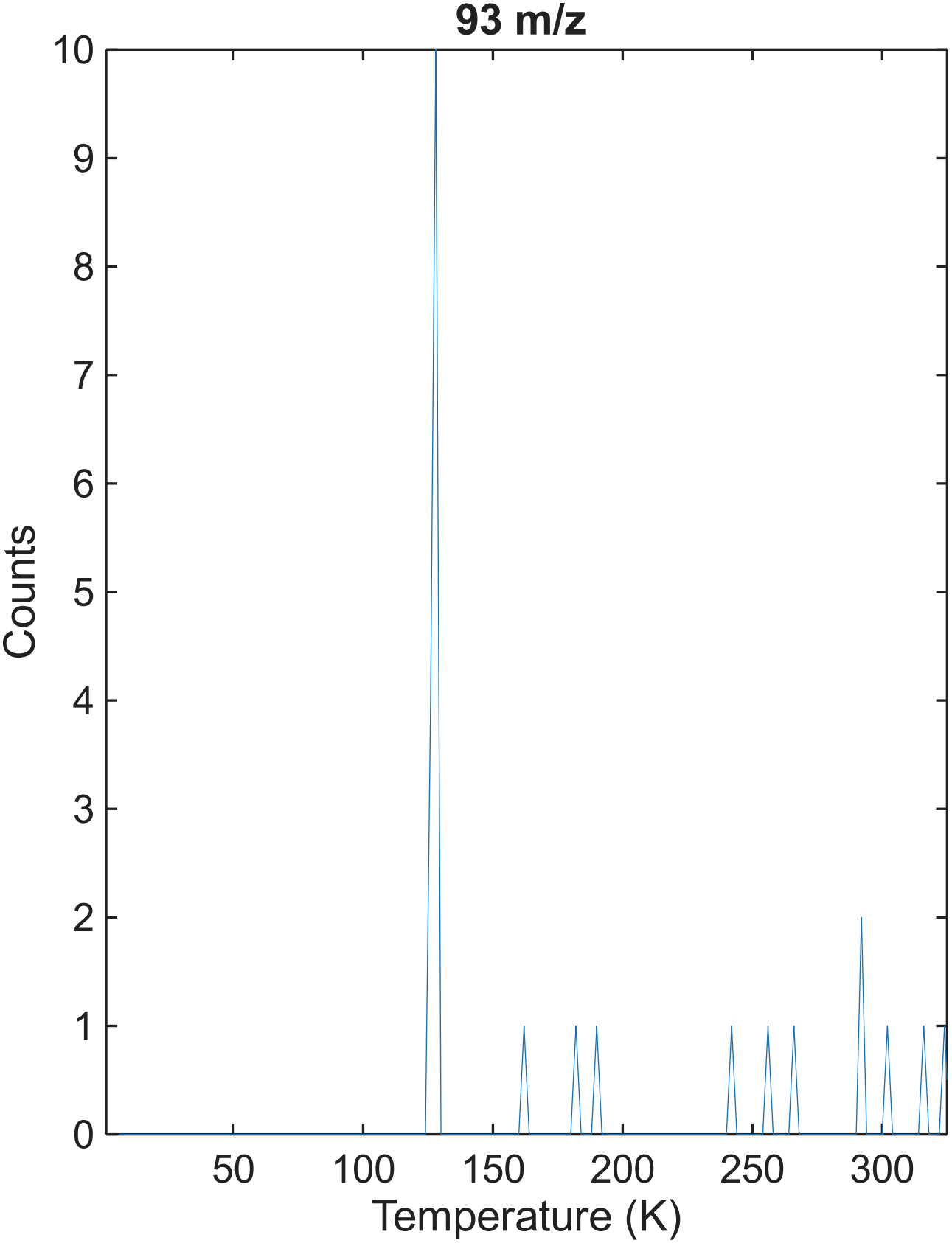
93 m/z
Counts
Temperature (K)
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1
2
3
4
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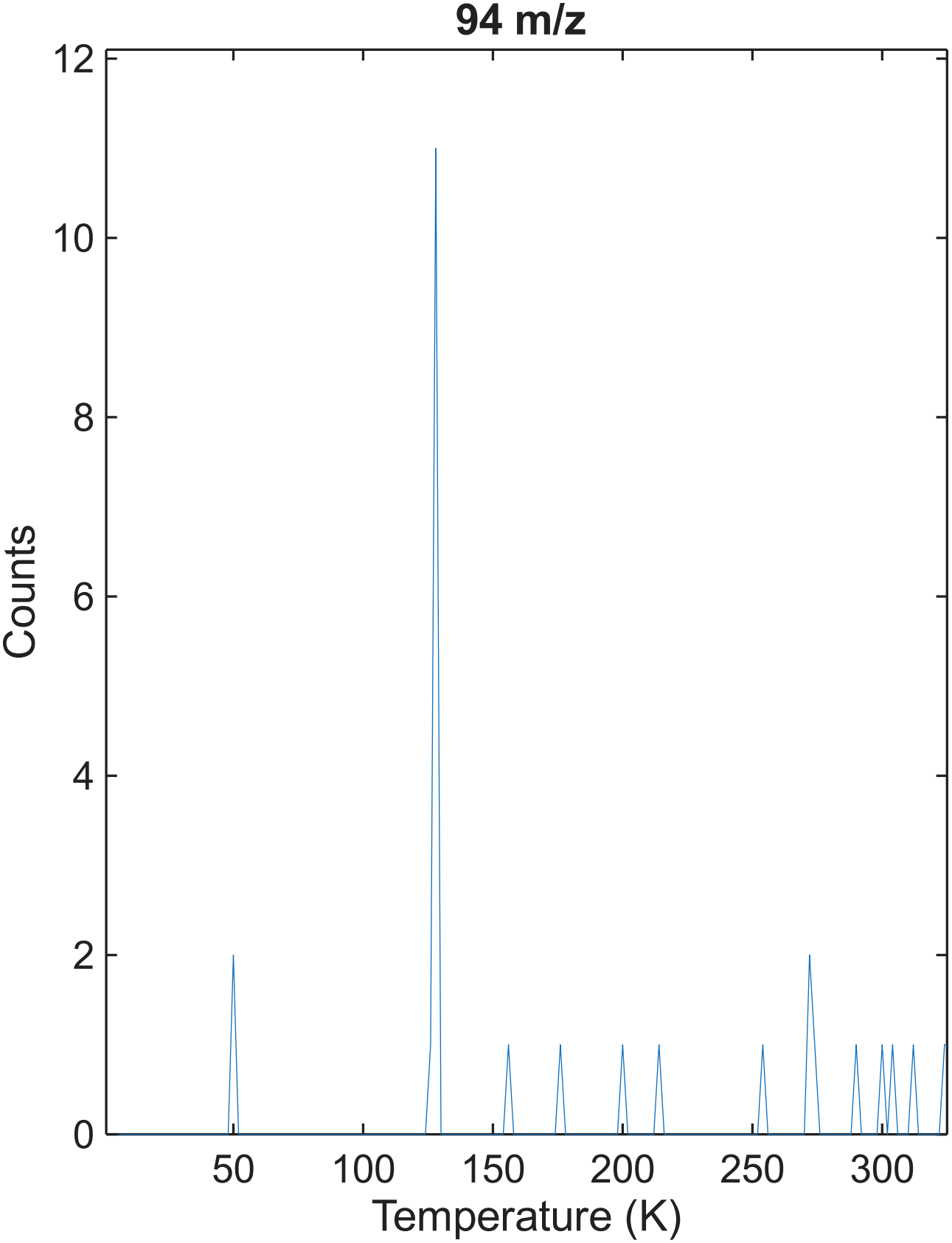
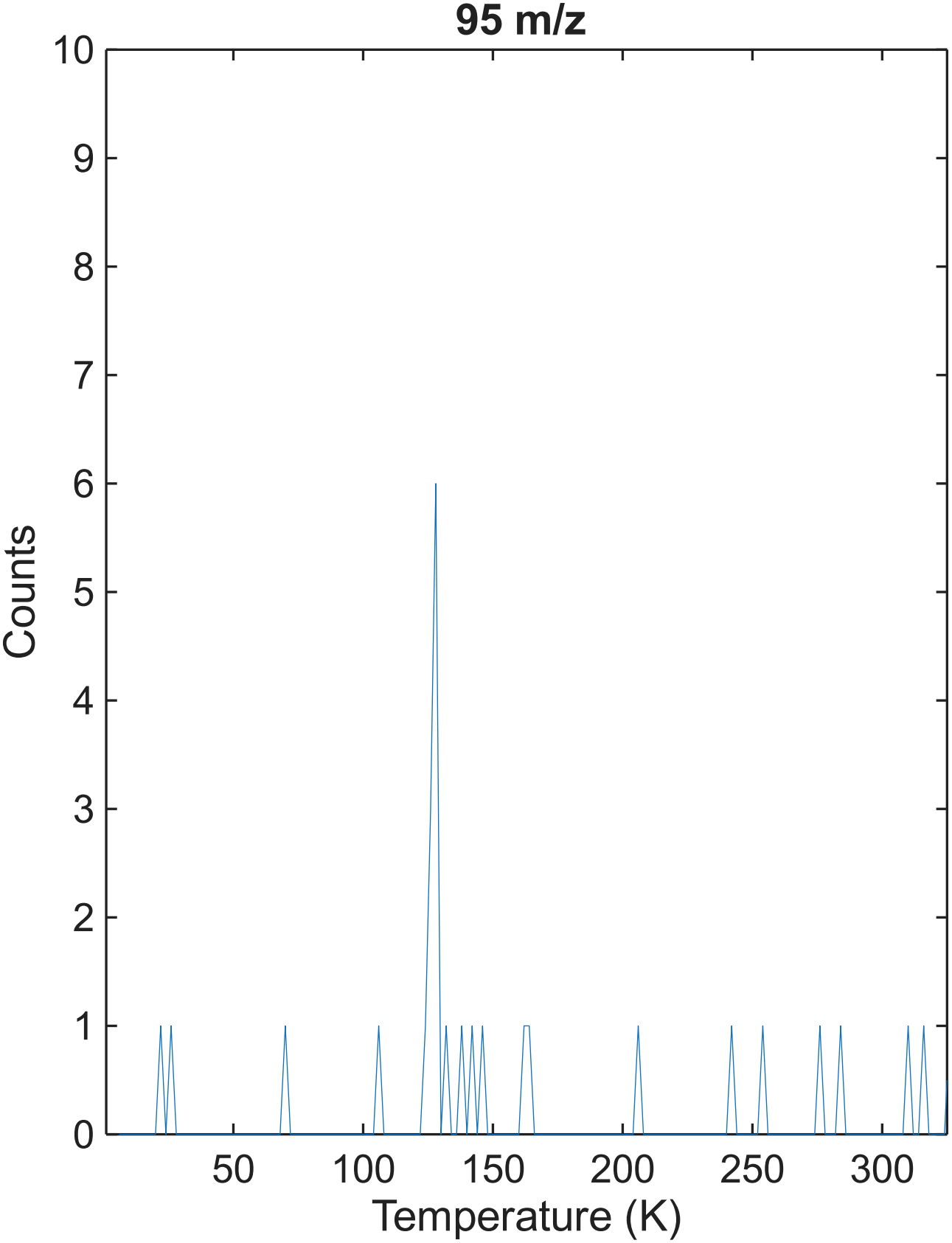

94 m/z
12
10
8
6
4
2
0
Counts
50
100
150
200
250
300
Temperature (K)


95 m/z
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Temperature (K)
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6
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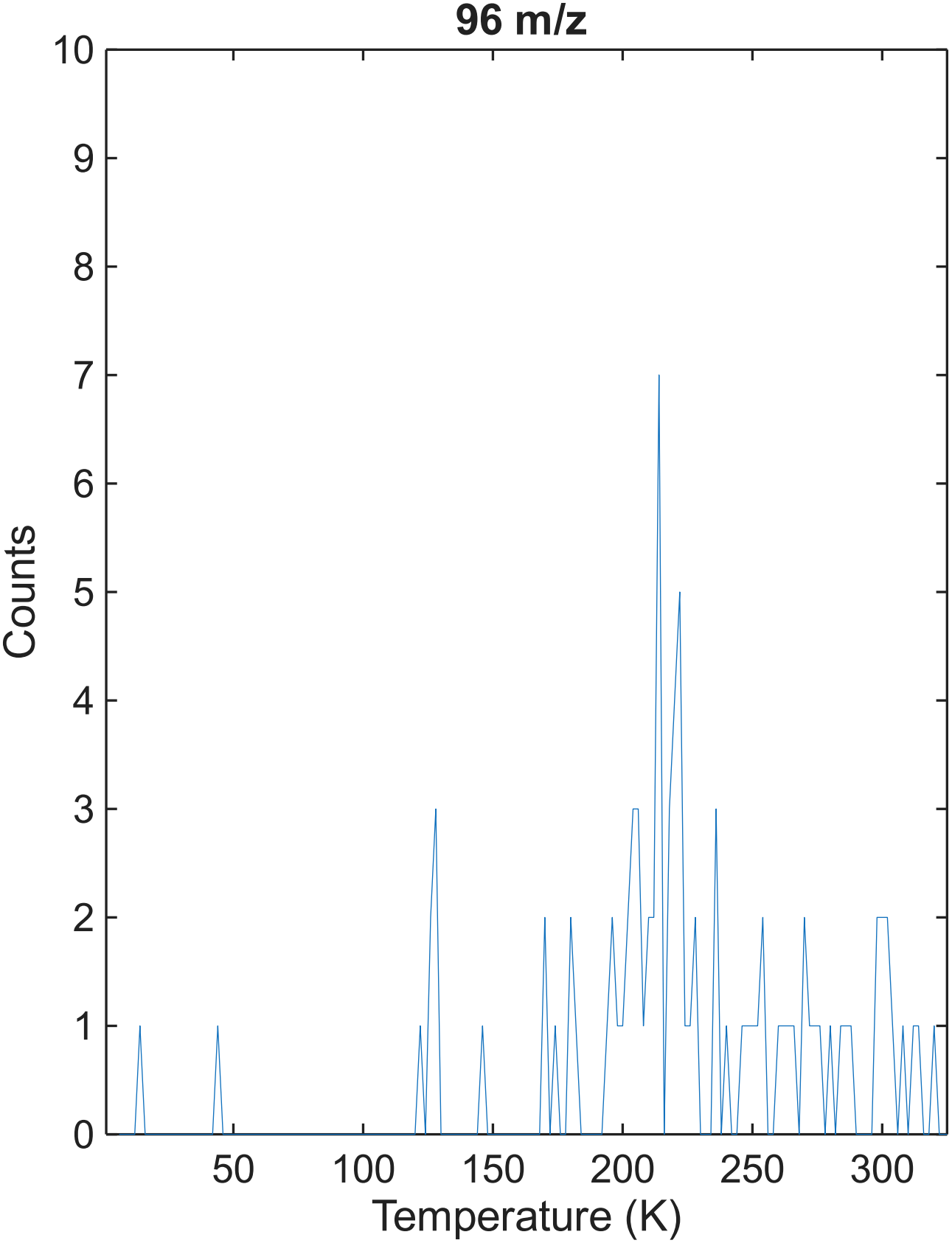
96 m/z
Counts
Temperature (K)
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2
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7
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9
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250
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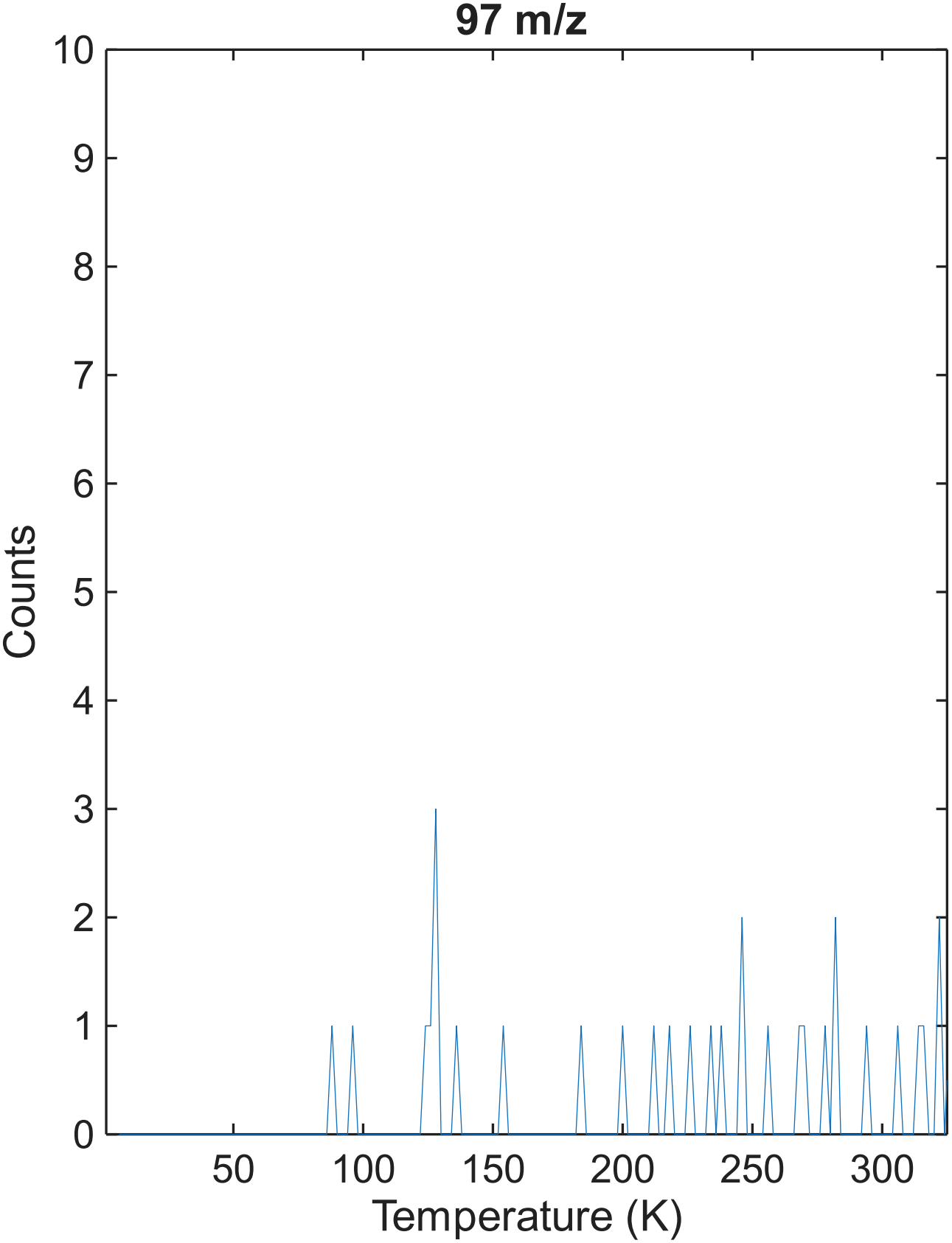
97 m/z
Counts
Temperature (K)
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2
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4
5
6
7
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9
10
50
100
150
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250
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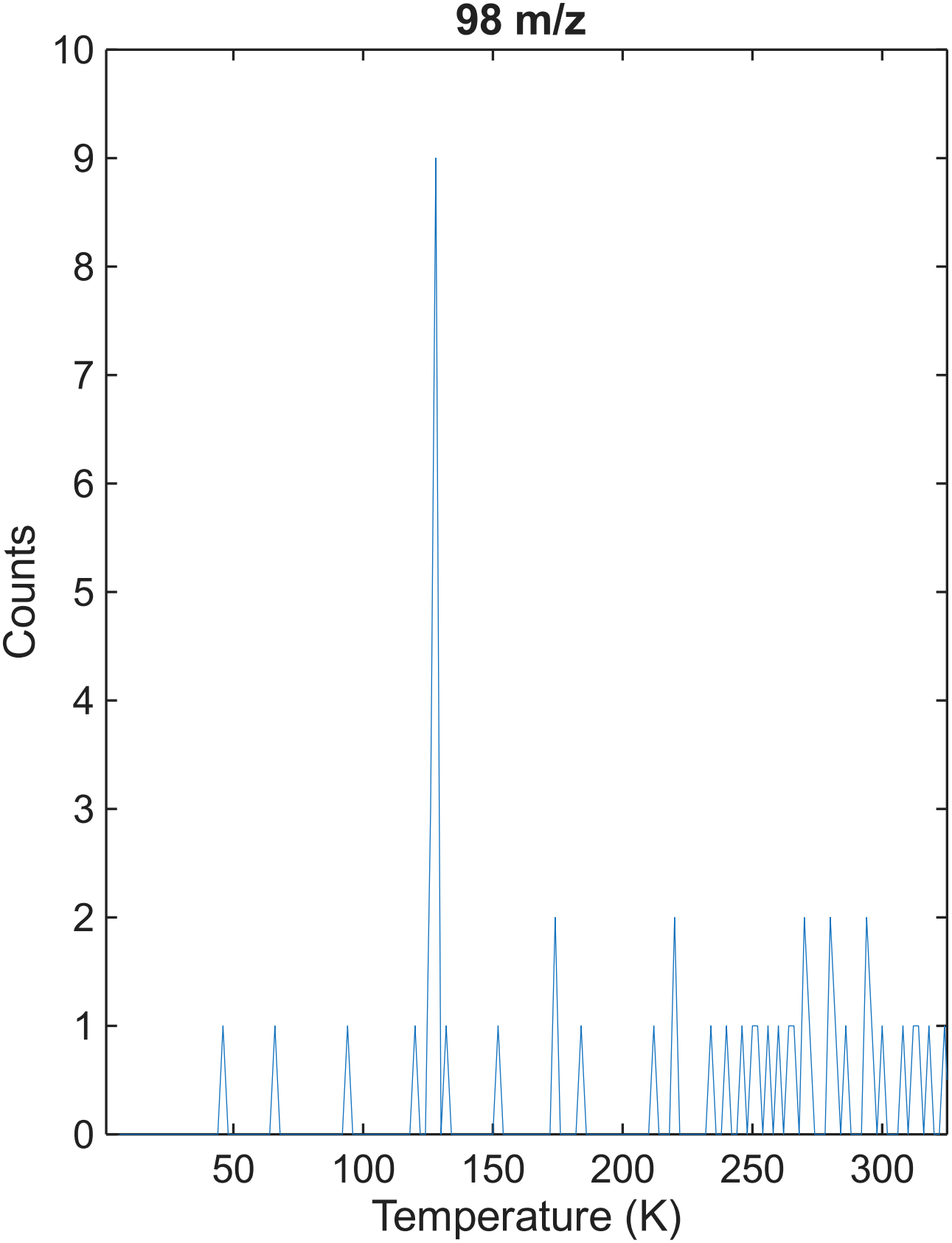
98 m/z
Counts
Temperature (K)
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4
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250
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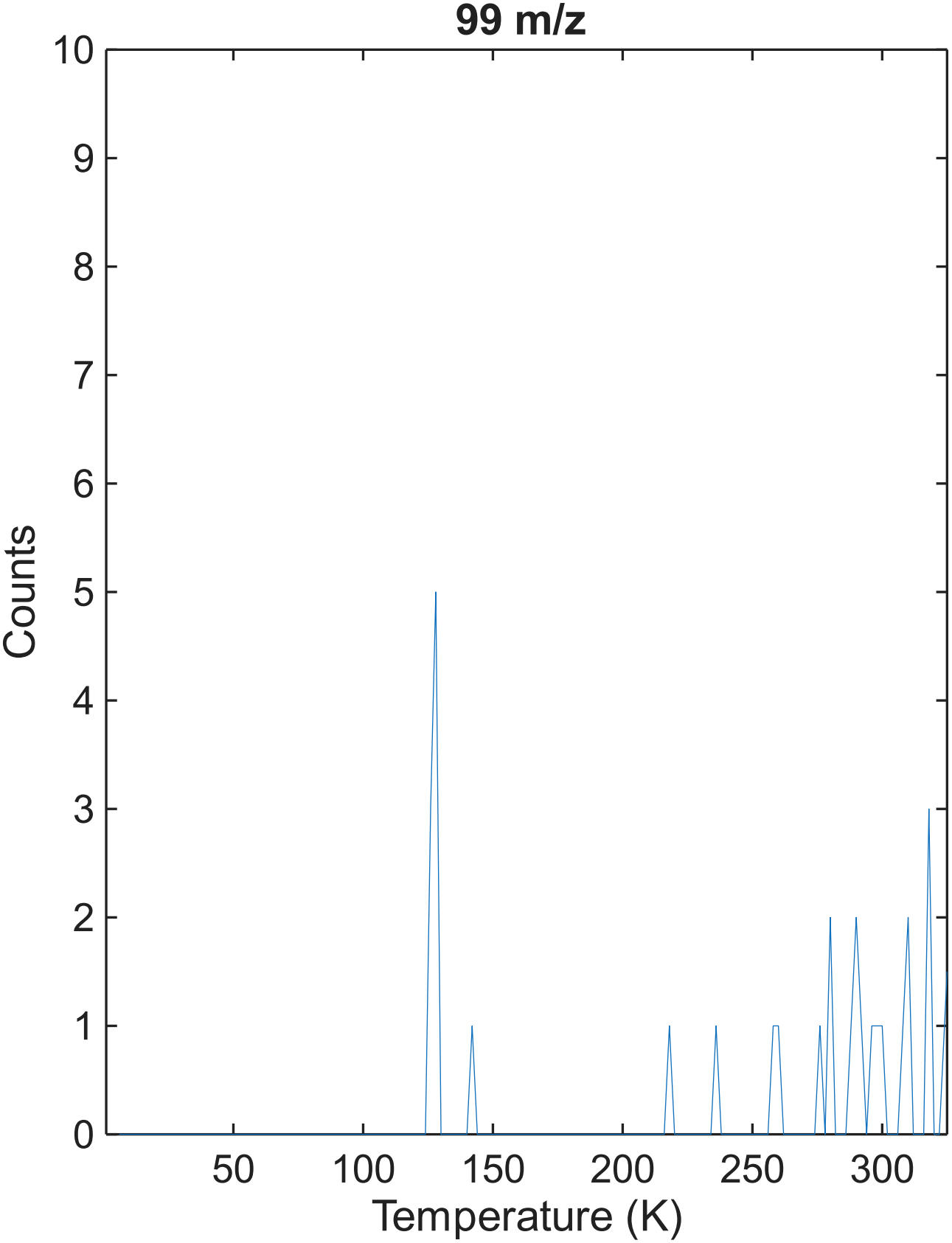
99 m/z
Counts
Temperature (K)
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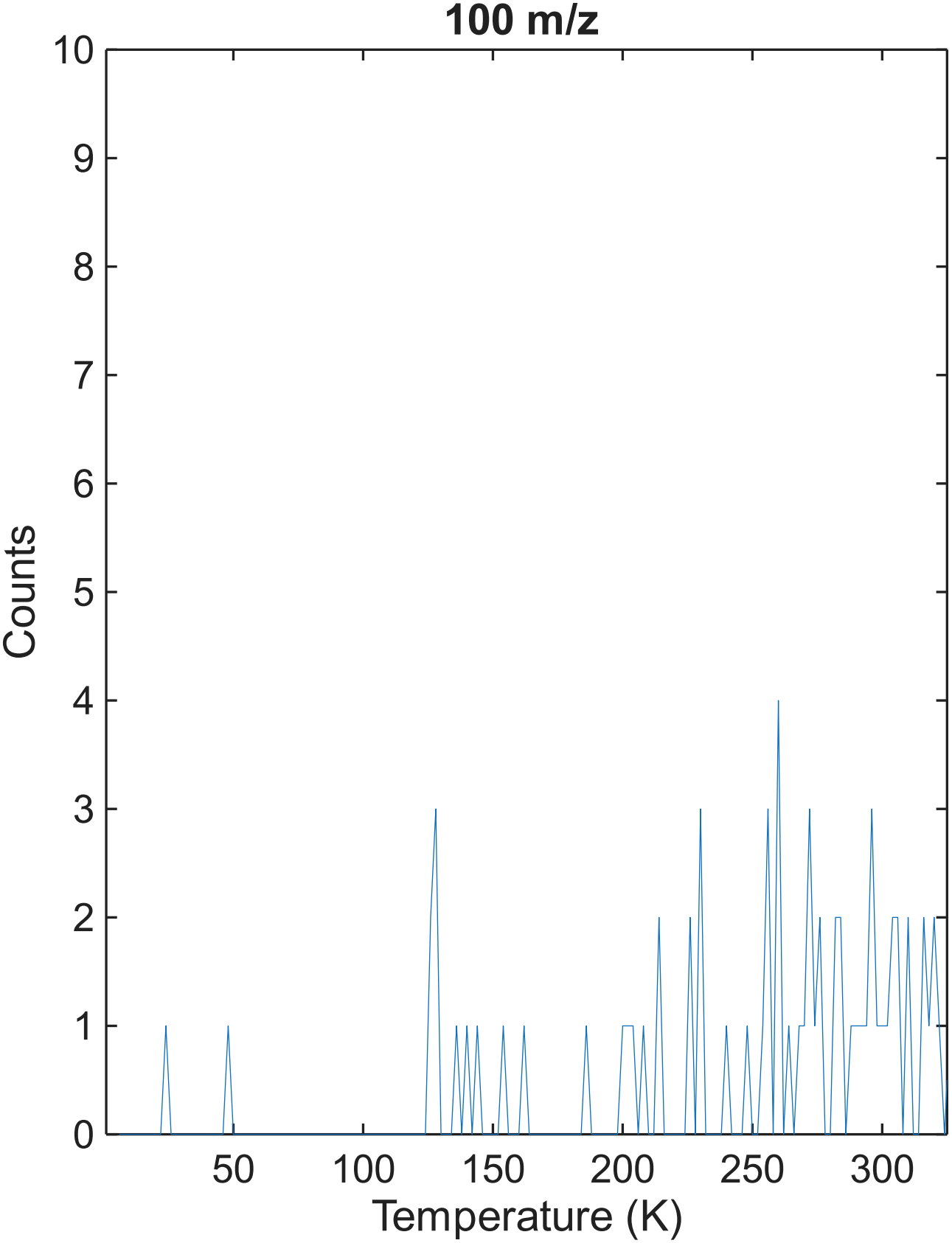
100 m/z
Counts
Temperature (K)
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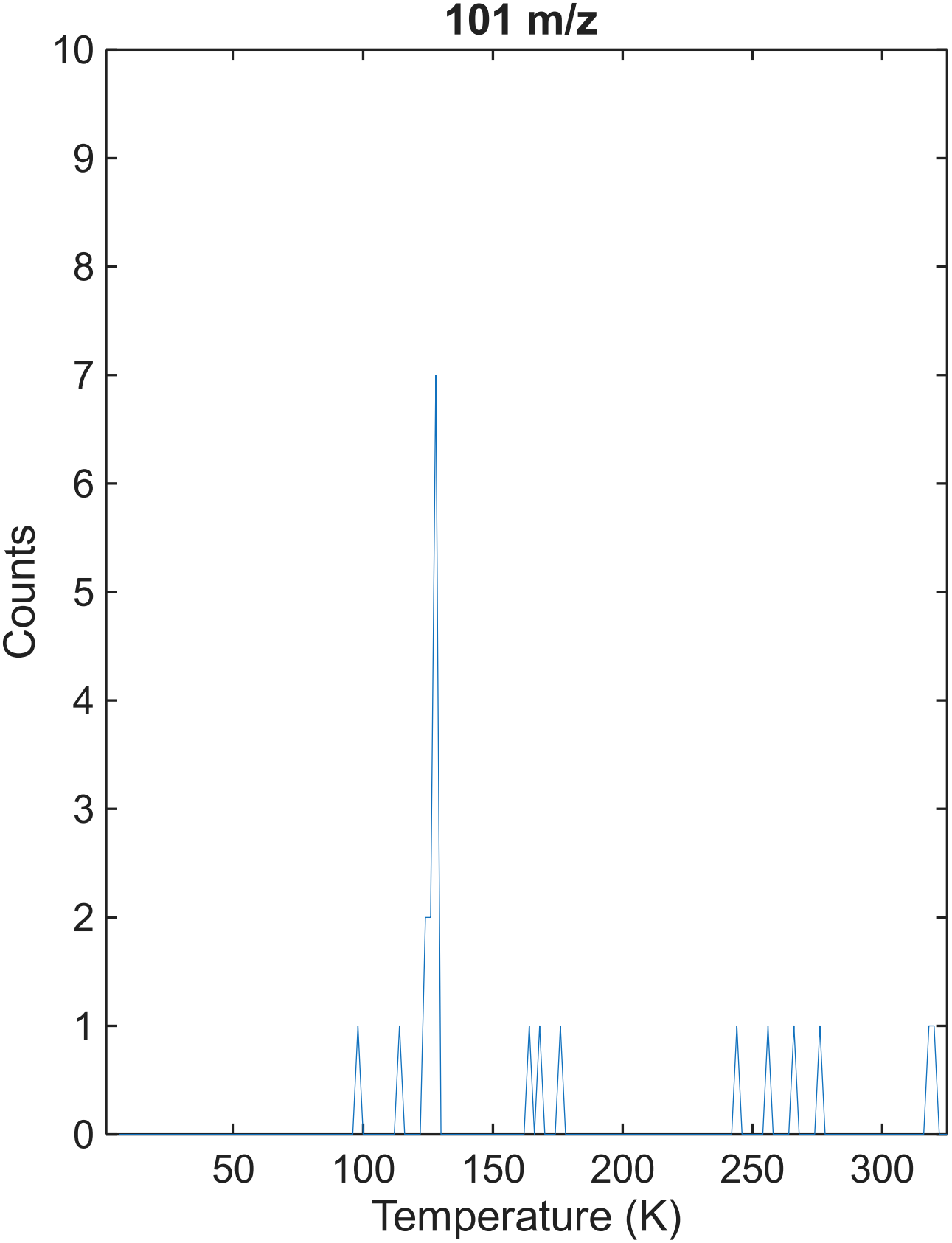
101 m/z
Counts
Temperature (K)
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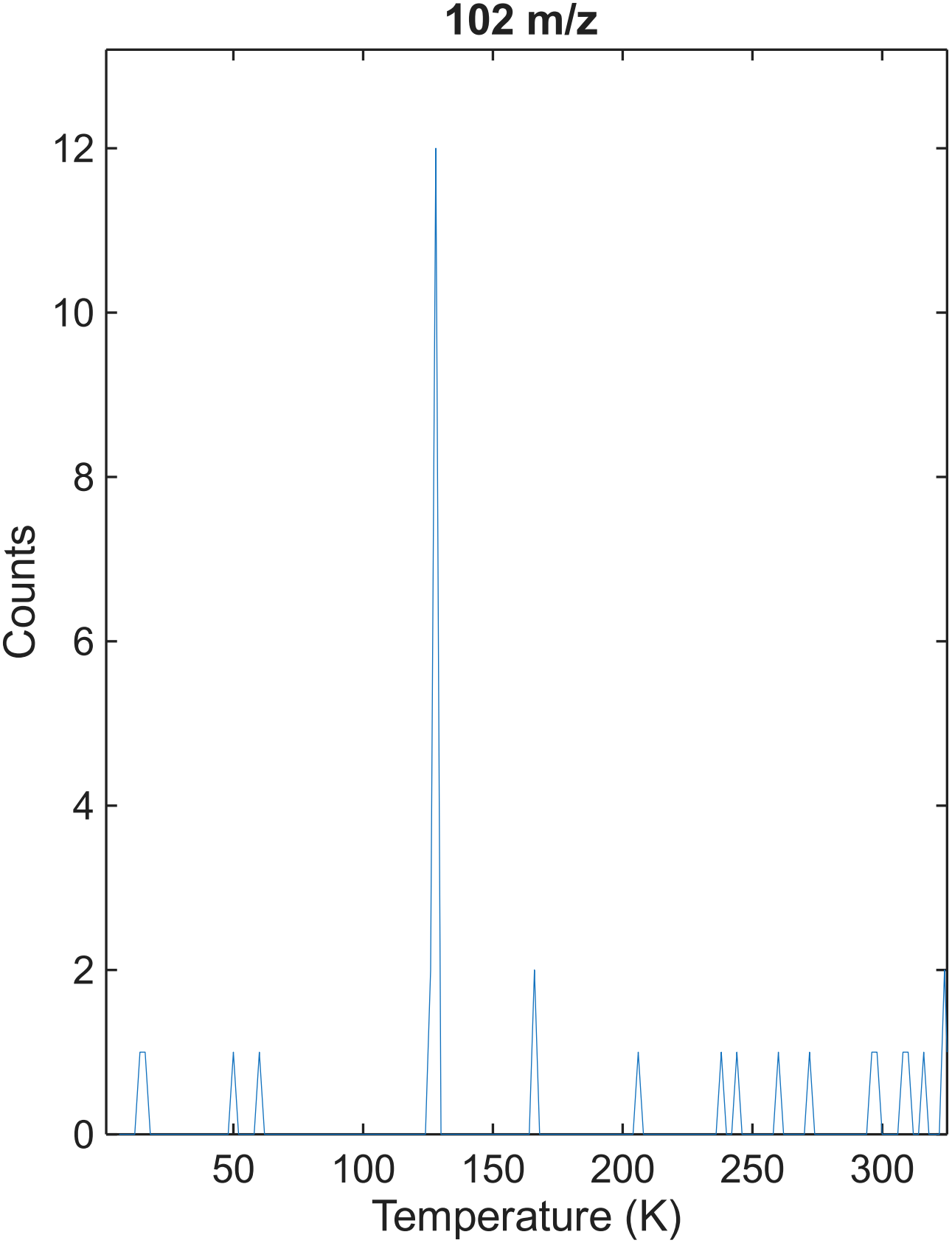
102 m/z
Counts
Temperature (K)
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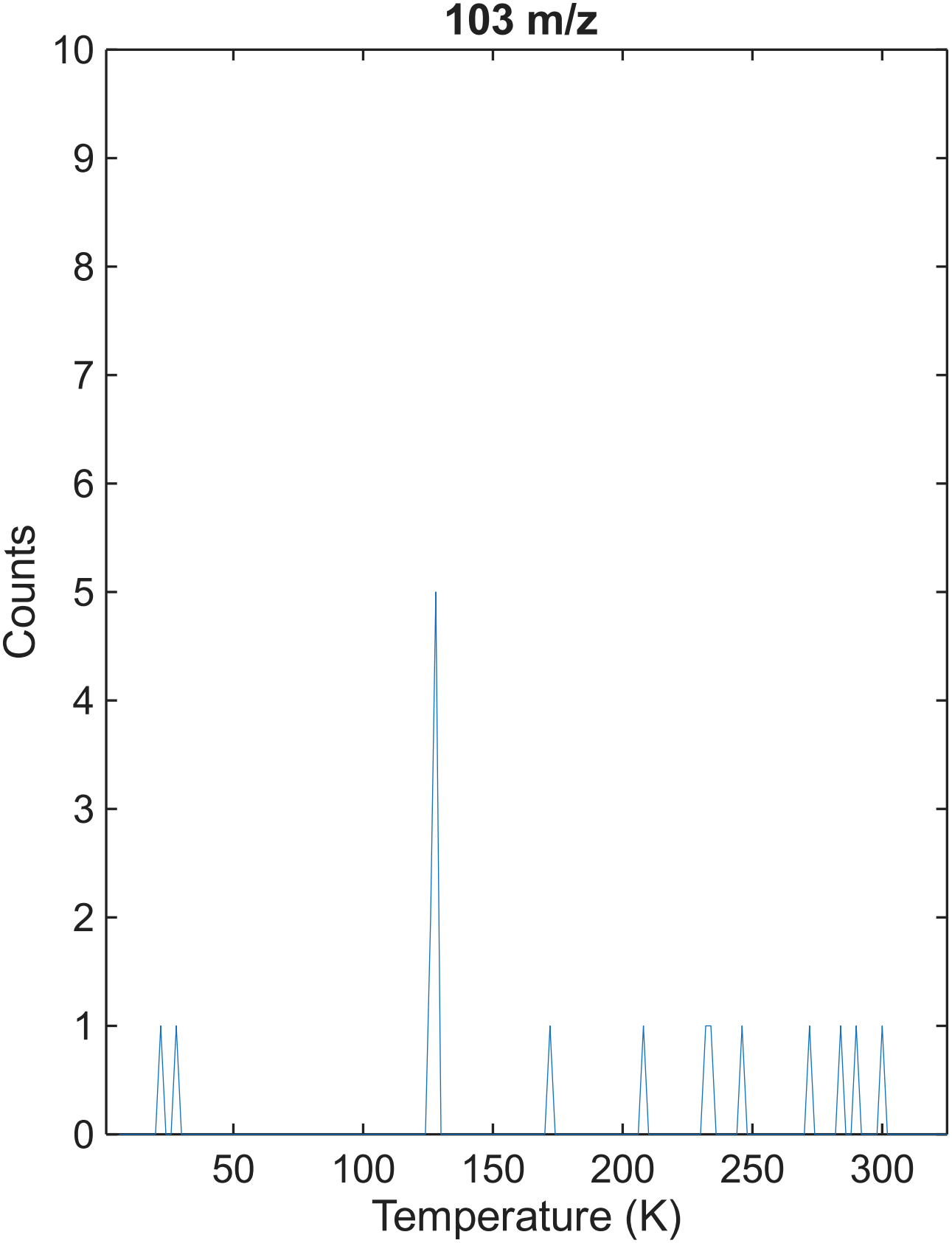
103 m/z
Counts
Temperature (K)
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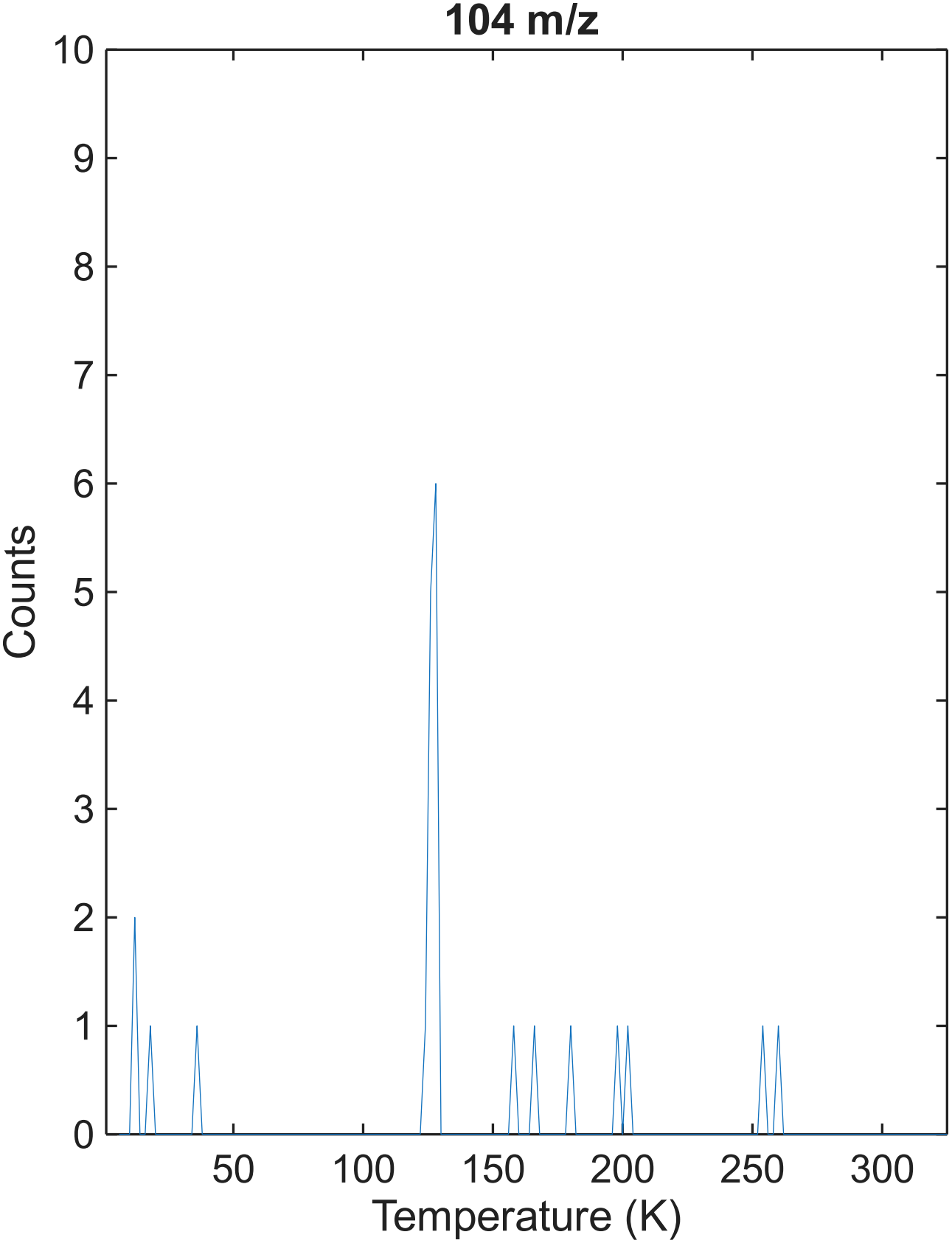
104 m/z
Counts
Temperature (K)
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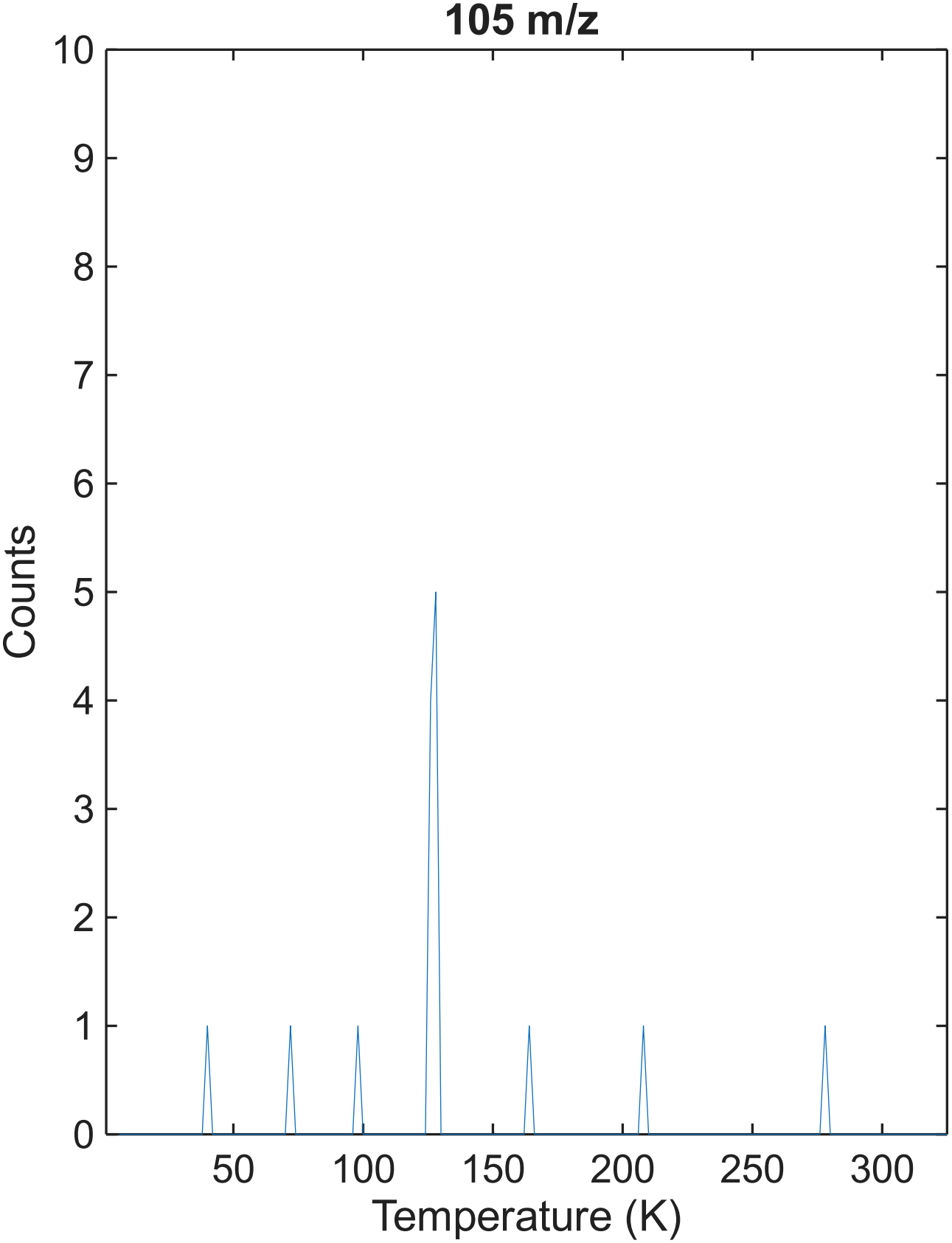
105 m/z
Counts
Temperature (K)
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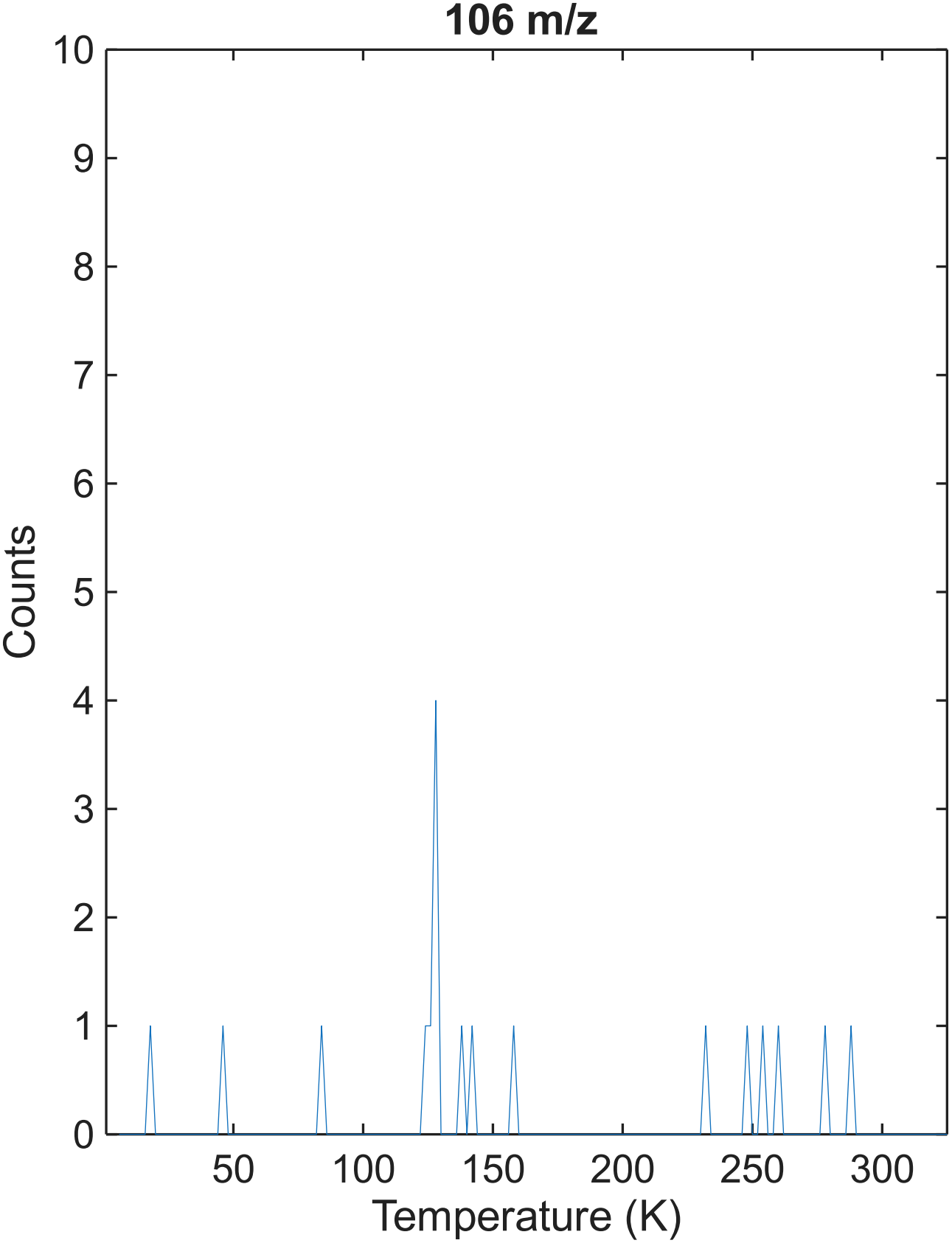
106 m/z
Counts
Temperature (K)
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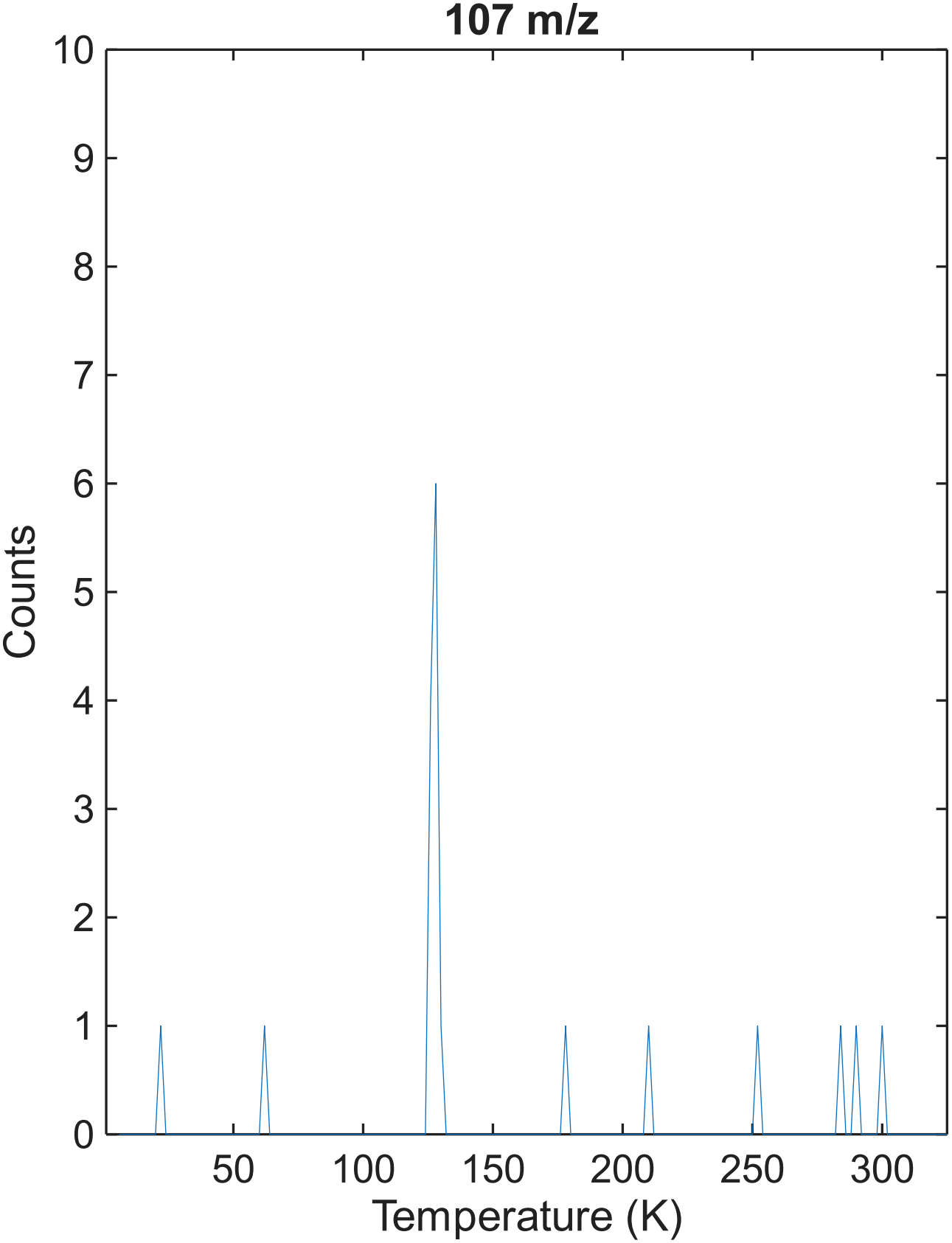
107 m/z
Counts
Temperature (K)
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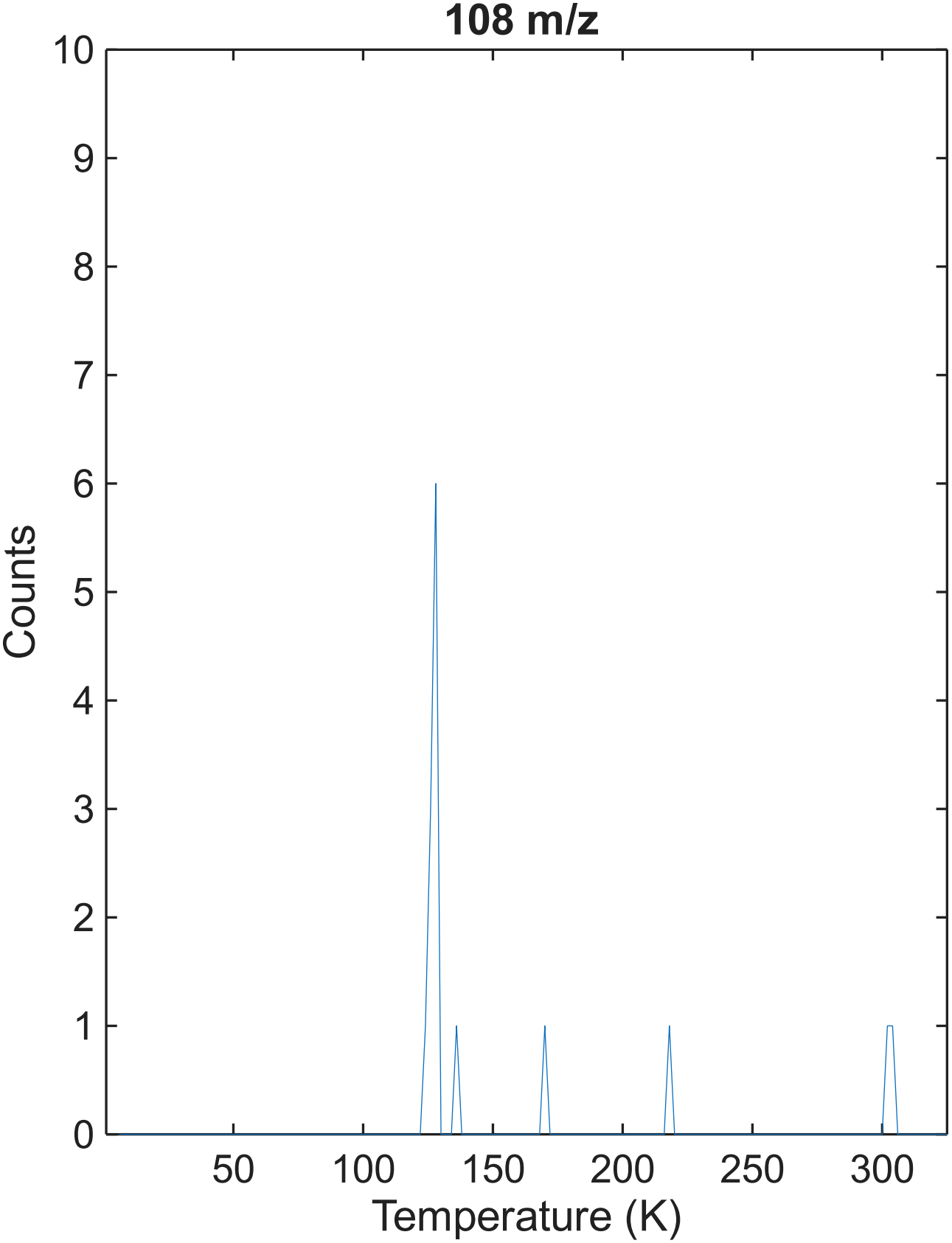
108 m/z
Counts
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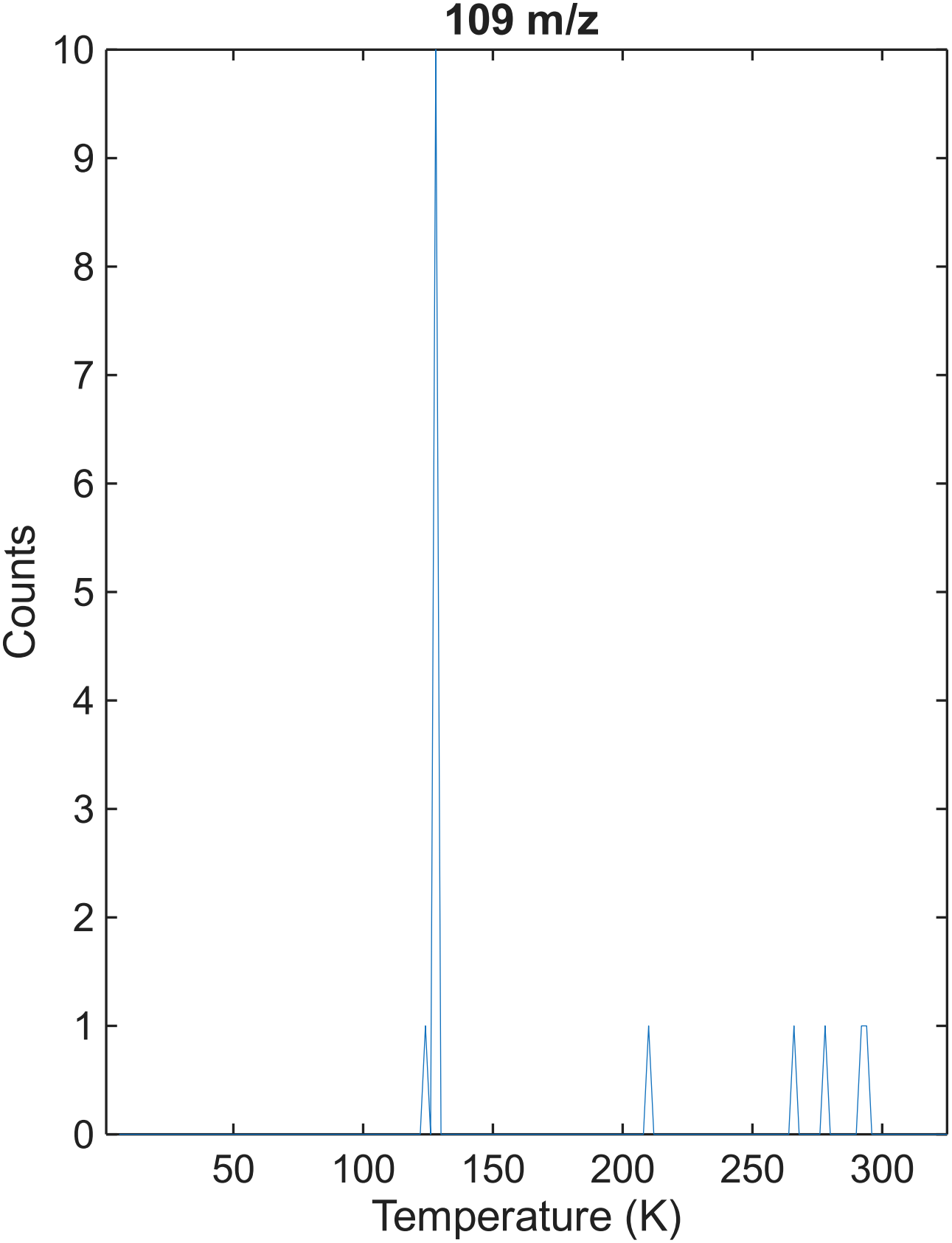
109 m/z
Counts
Temperature (K)
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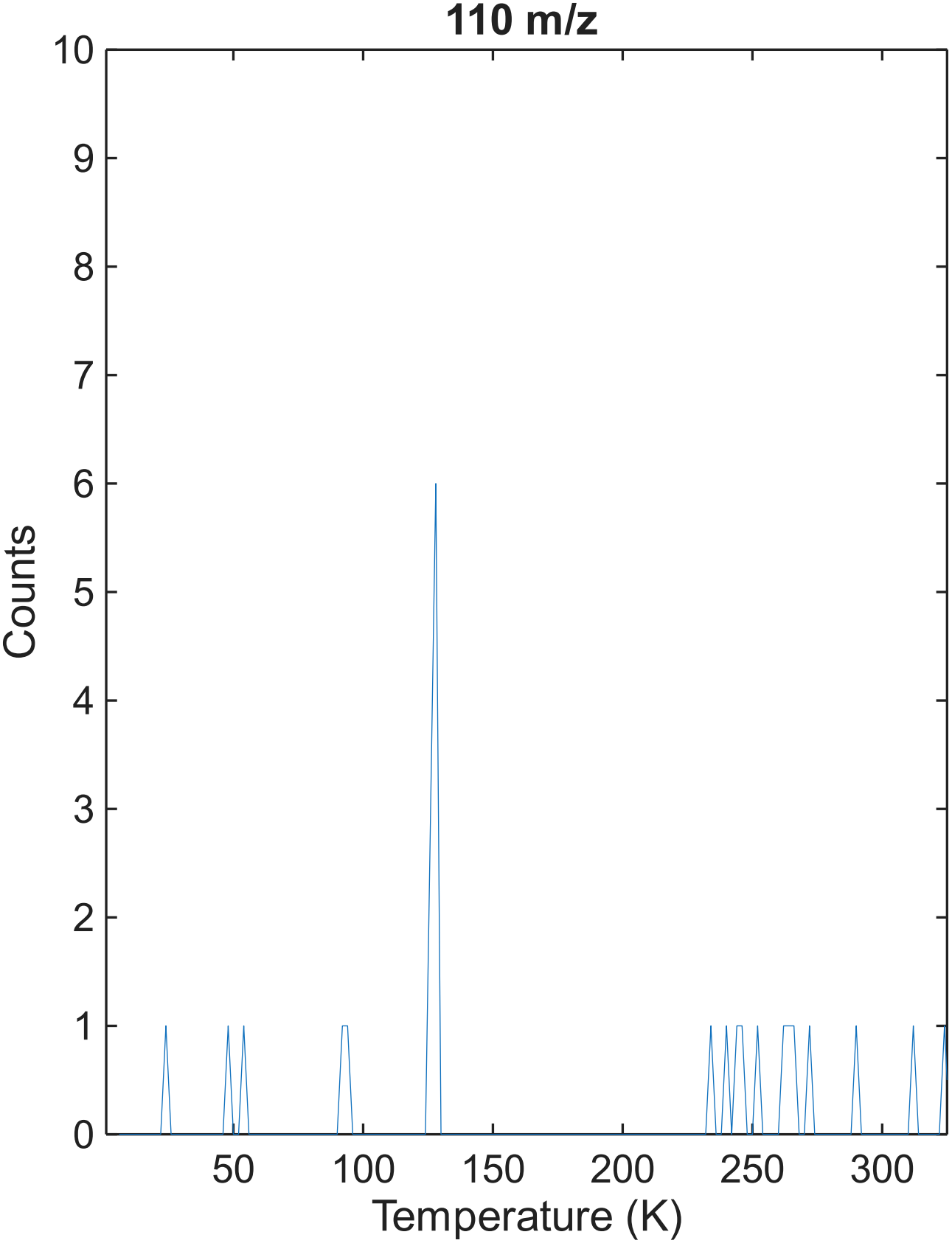
110 m/z
Counts
Temperature (K)
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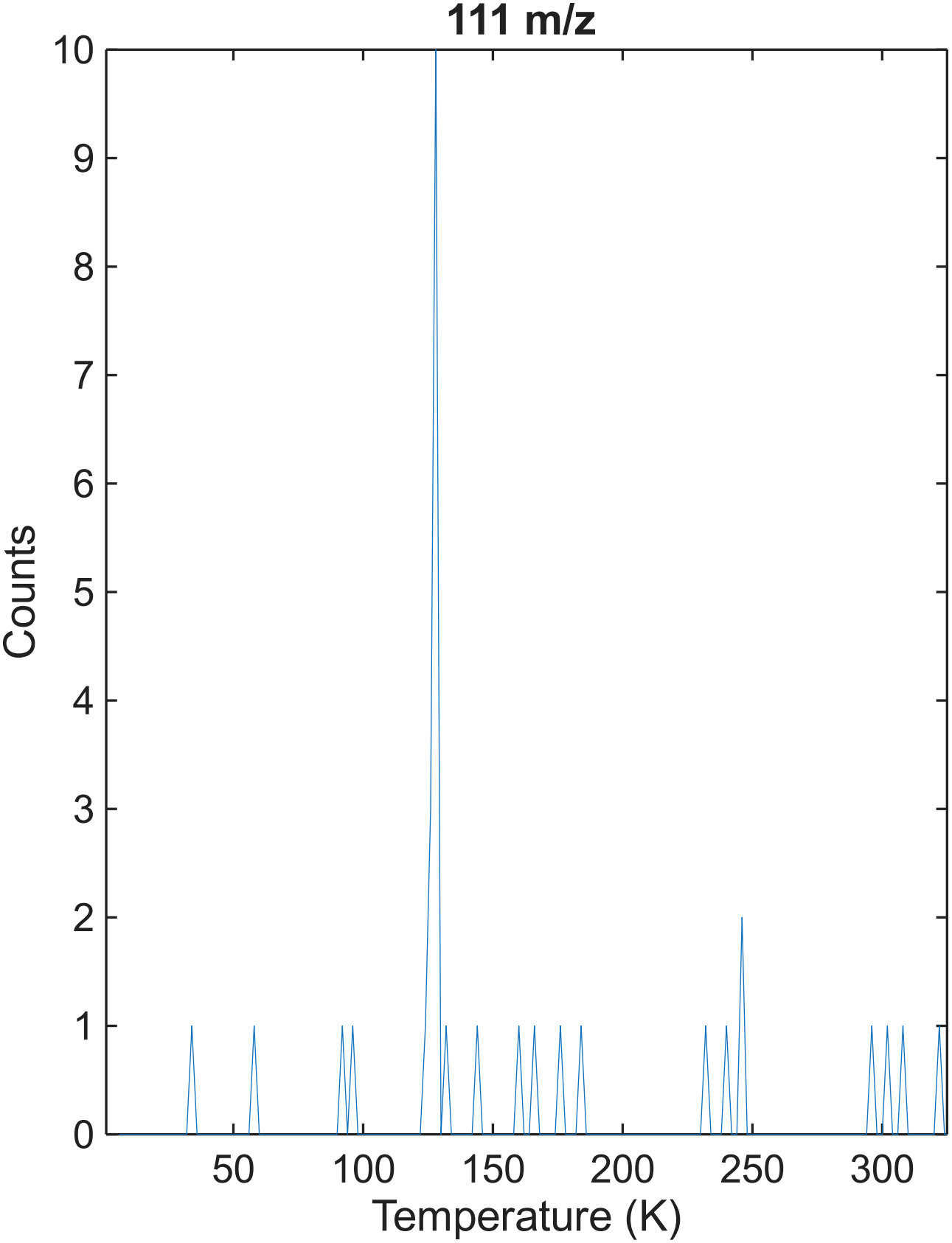
111 m/z
Counts
Temperature (K)
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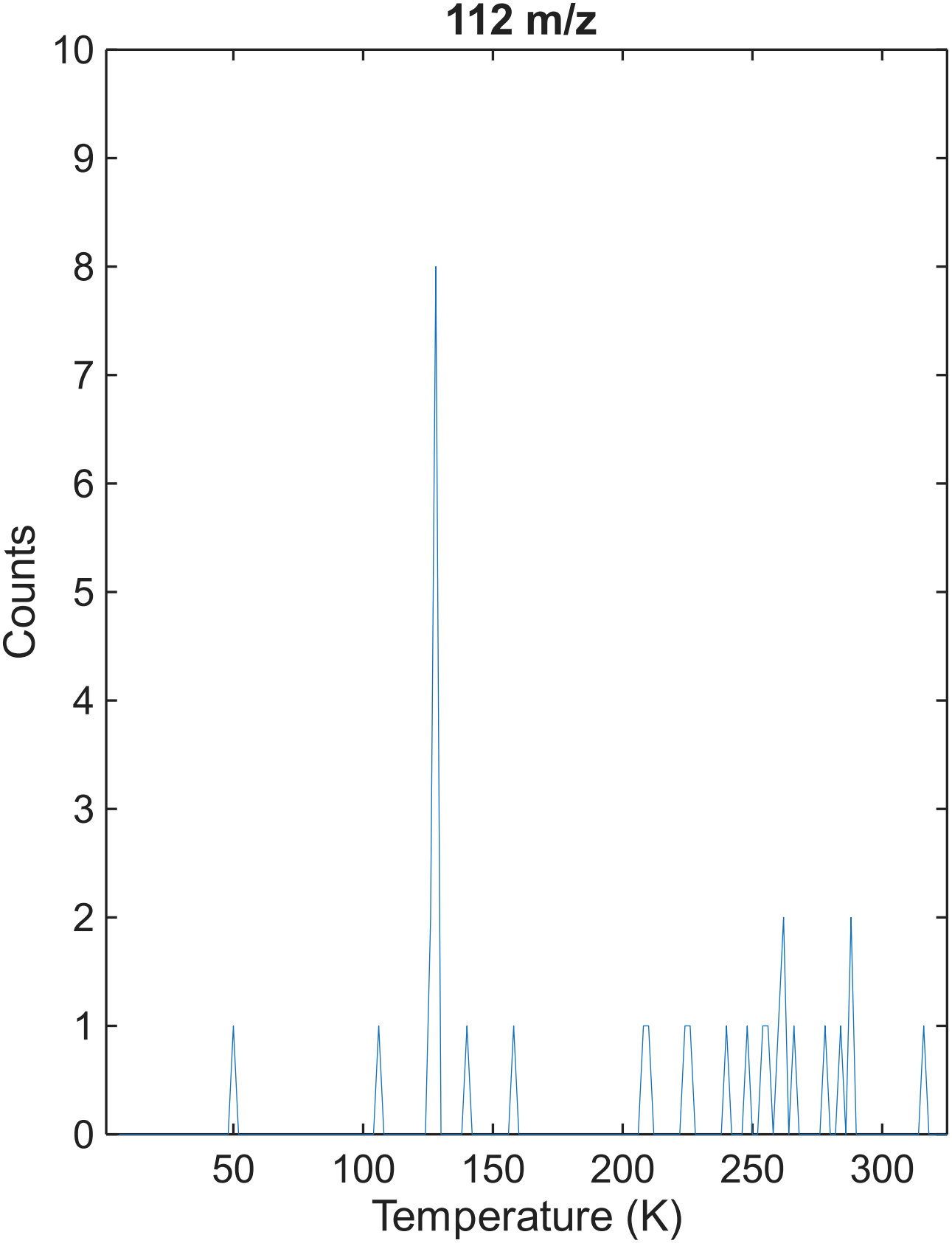
112 m/z
Counts
Temperature (K)
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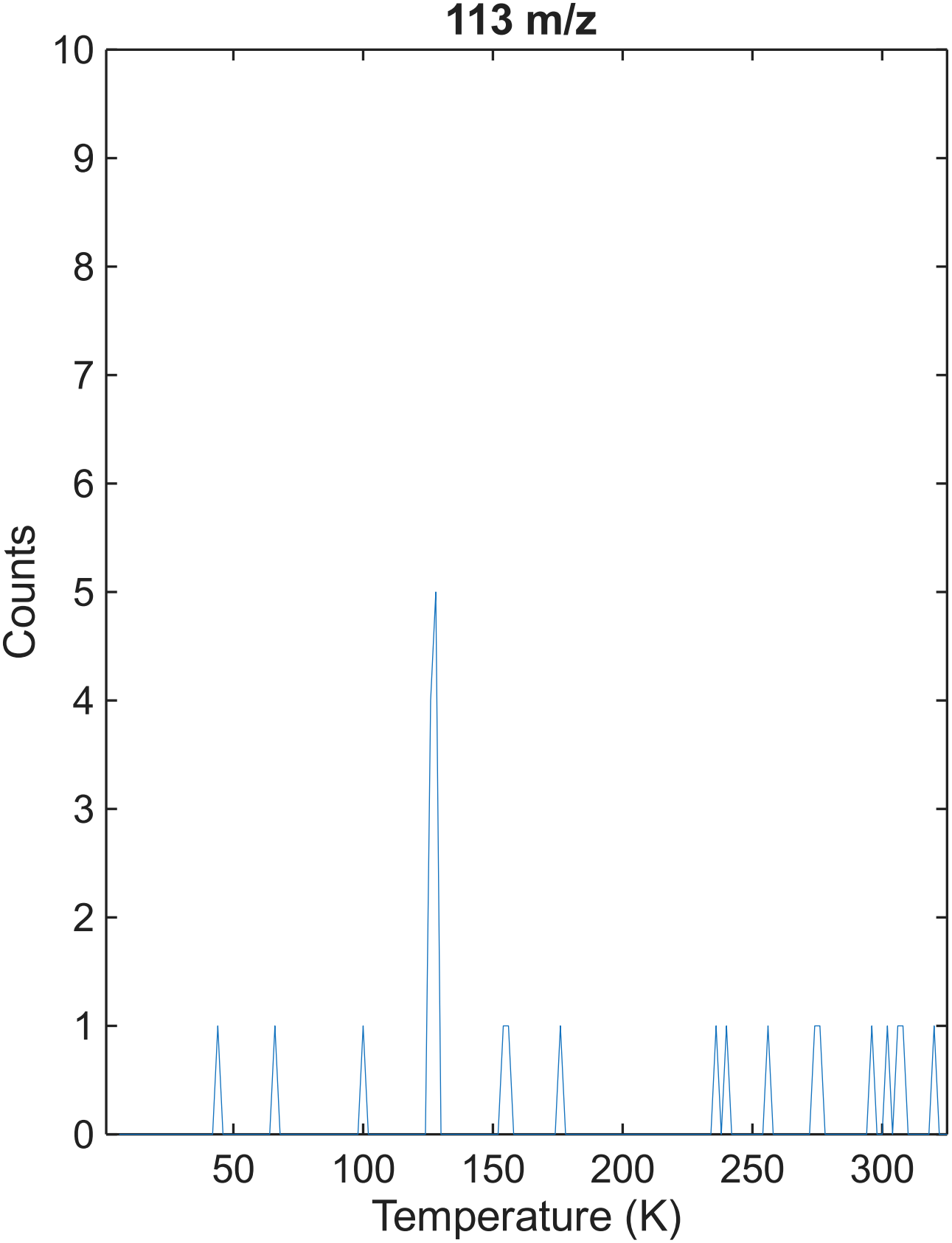
113 m/z
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Temperature (K)
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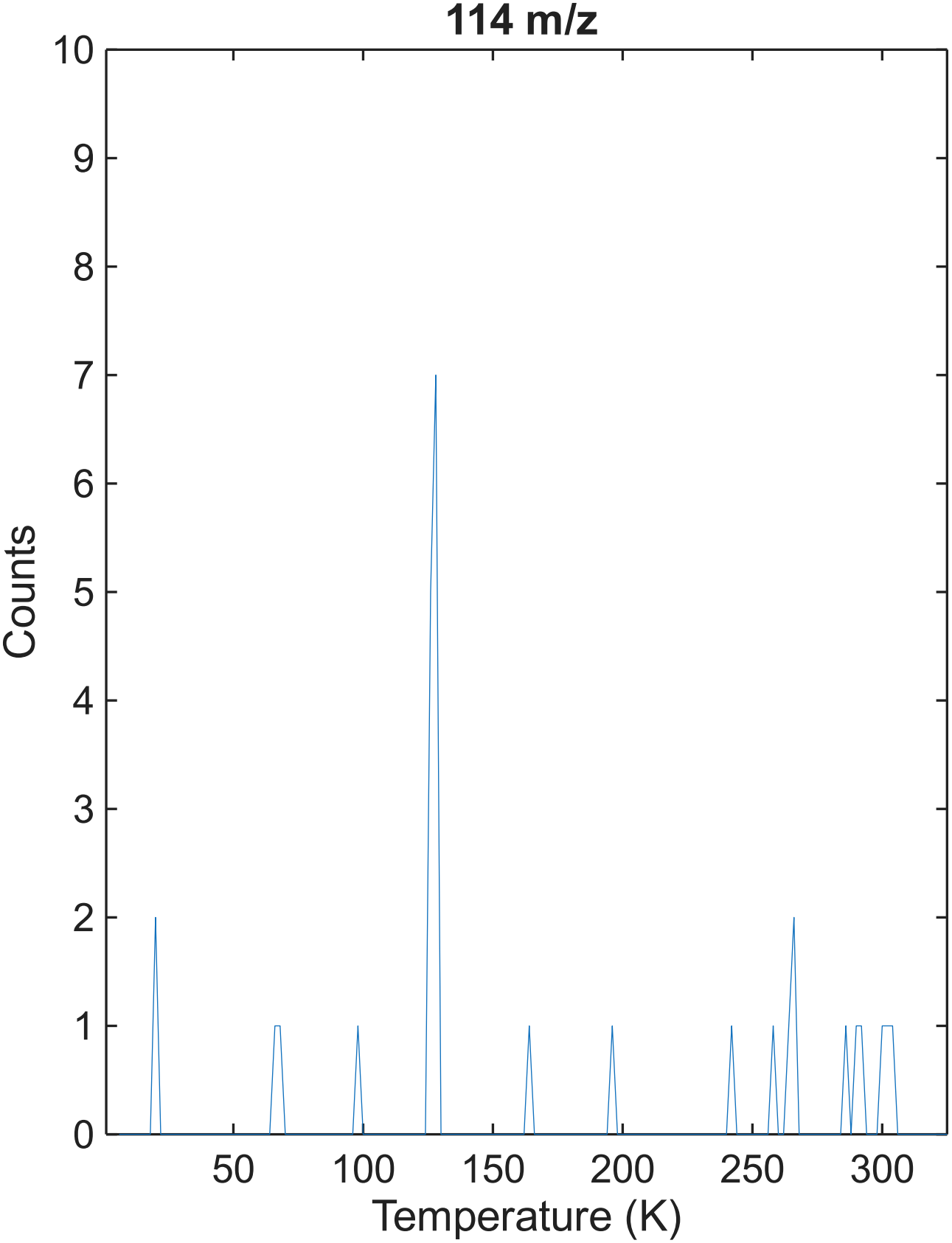
114 m/z
Counts
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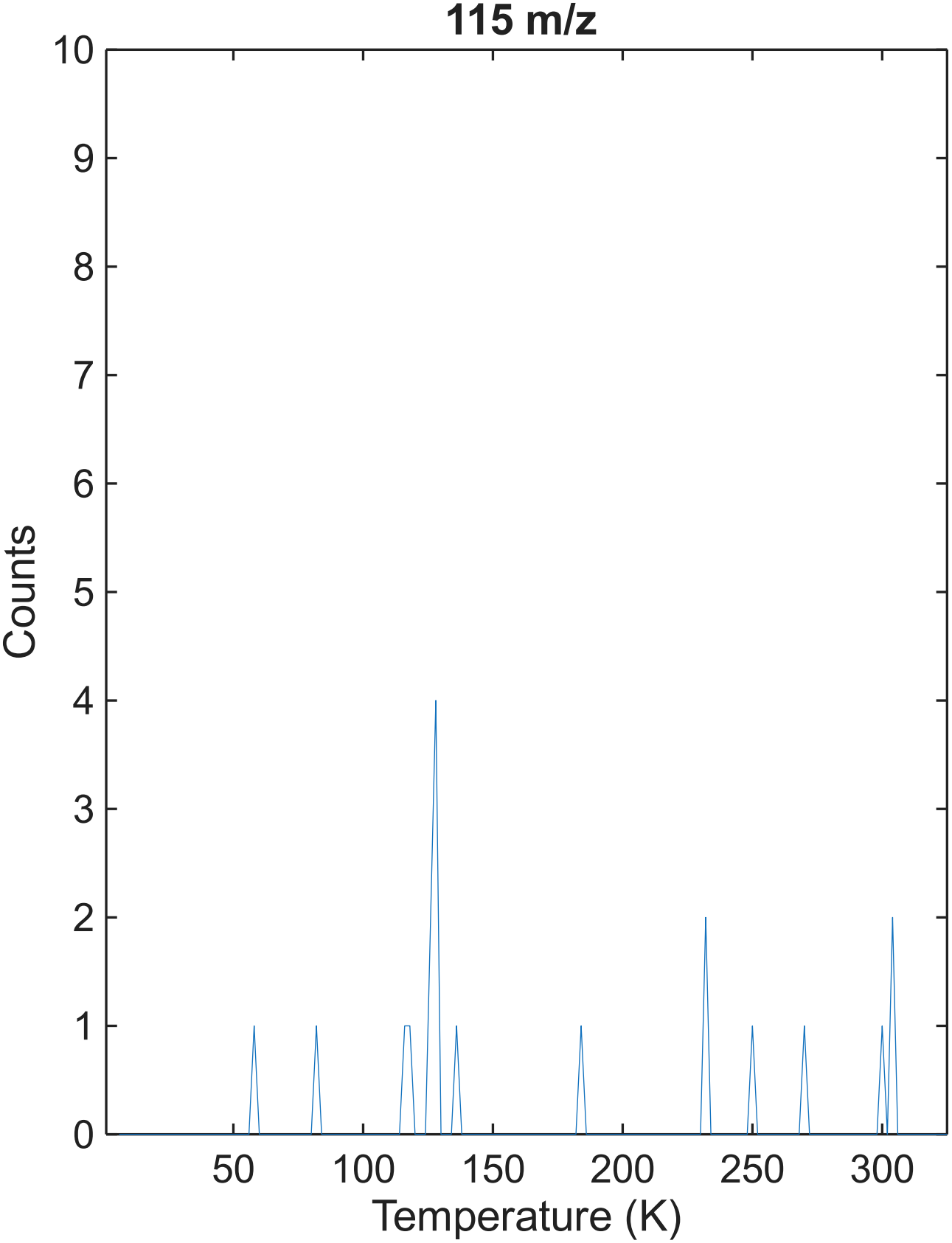
115 m/z
Counts
Temperature (K)
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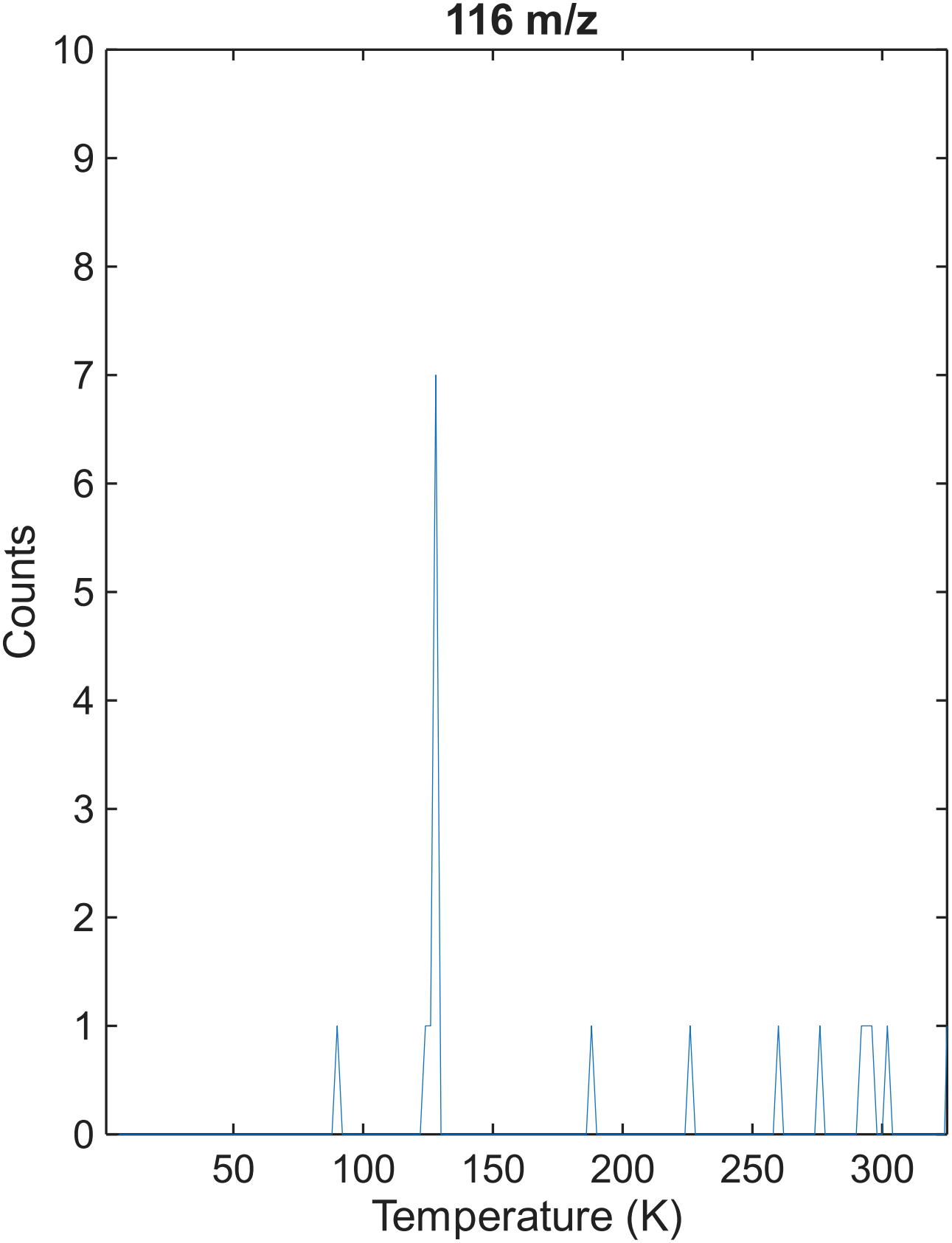
116 m/z
Counts
Temperature (K)
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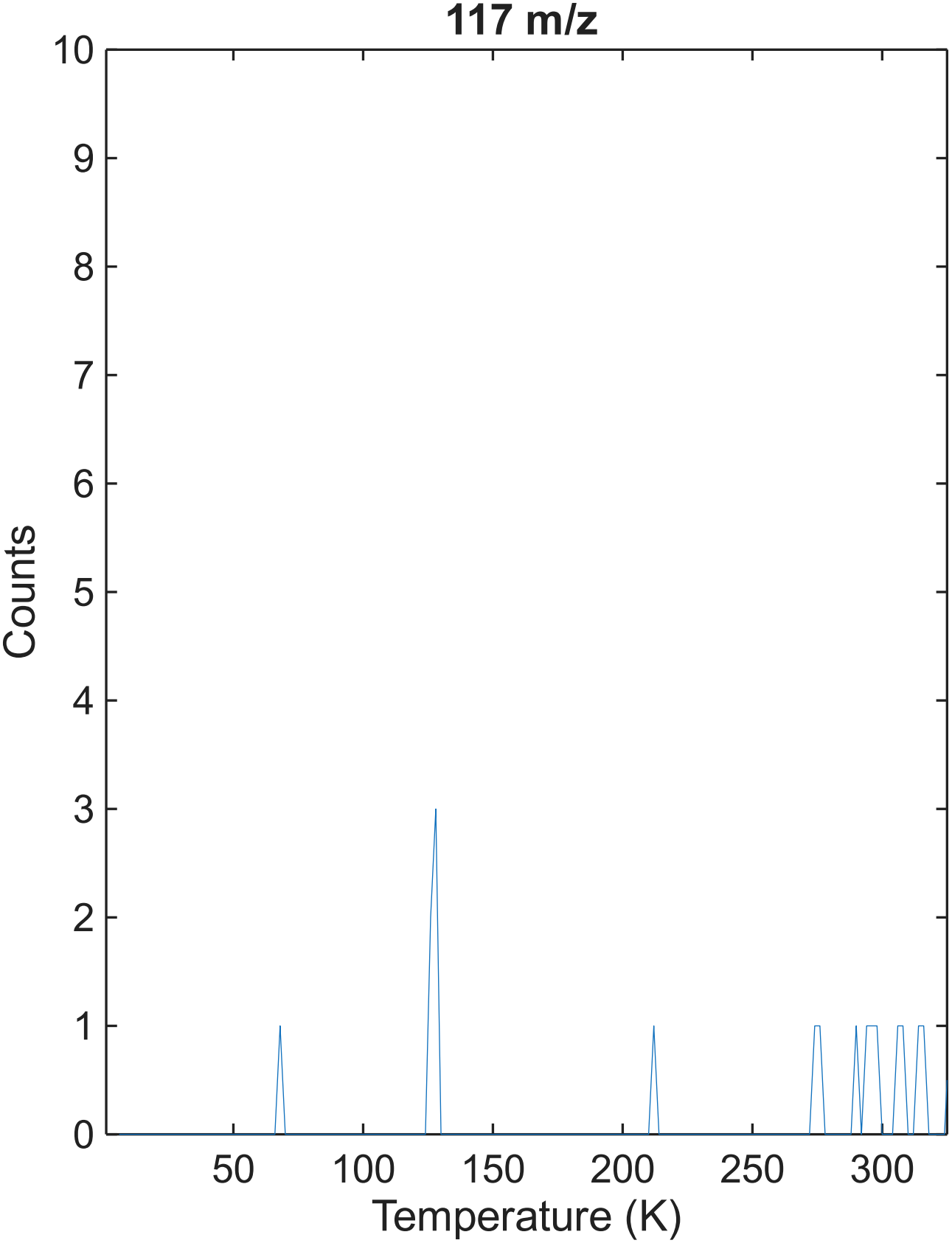
117 m/z
Counts
Temperature (K)
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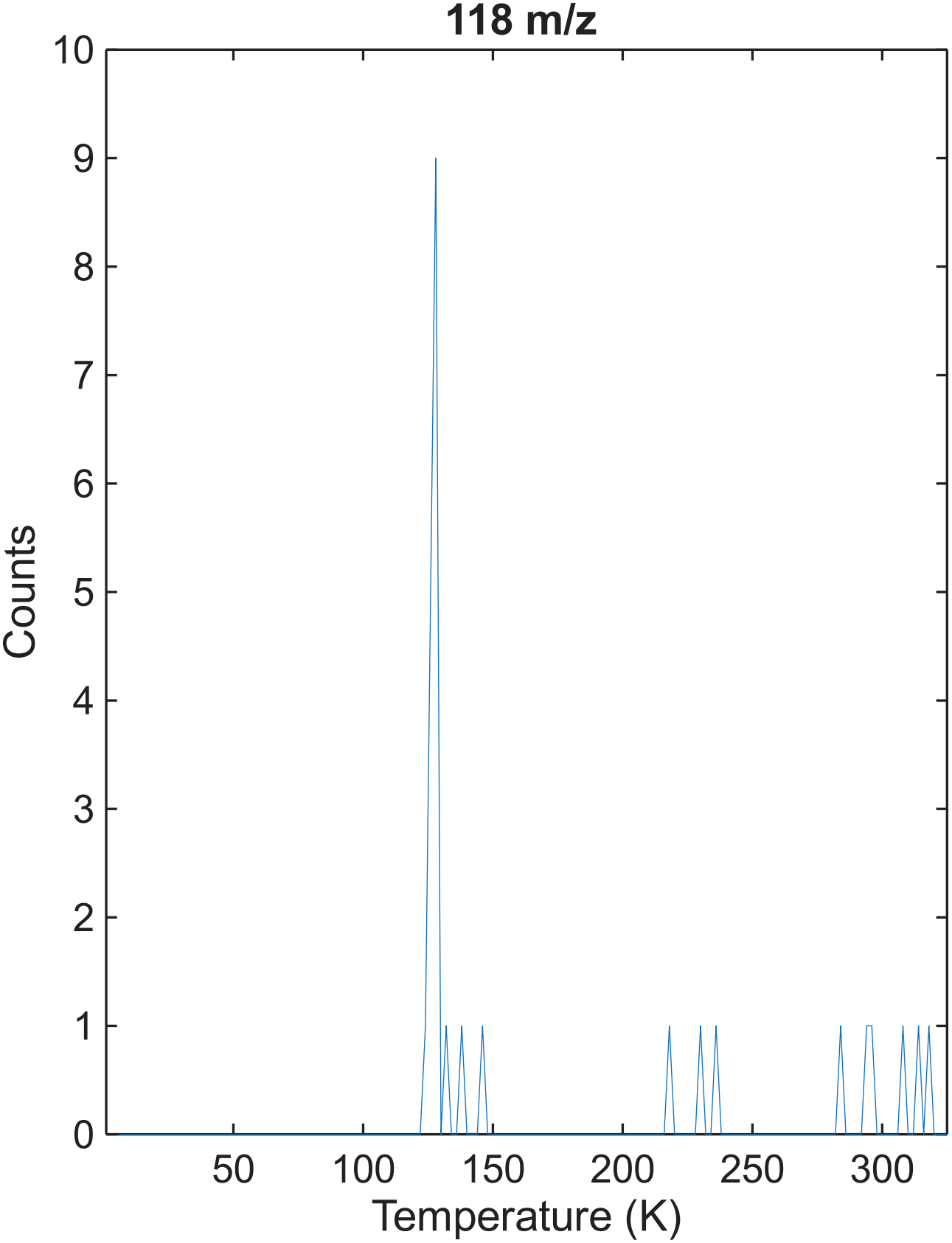
118 m/z
Counts
Temperature (K)
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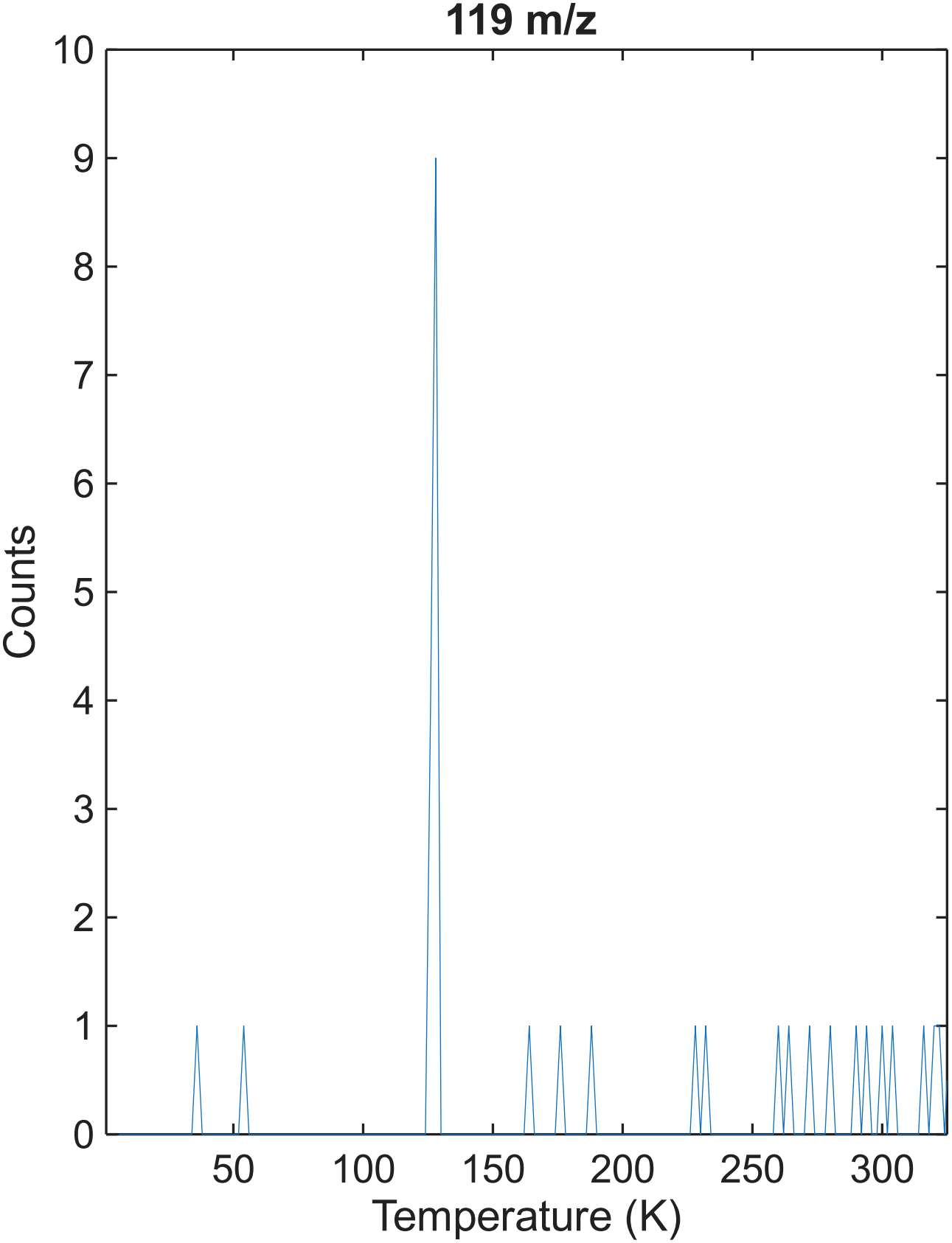
119 m/z
Counts
Temperature (K)
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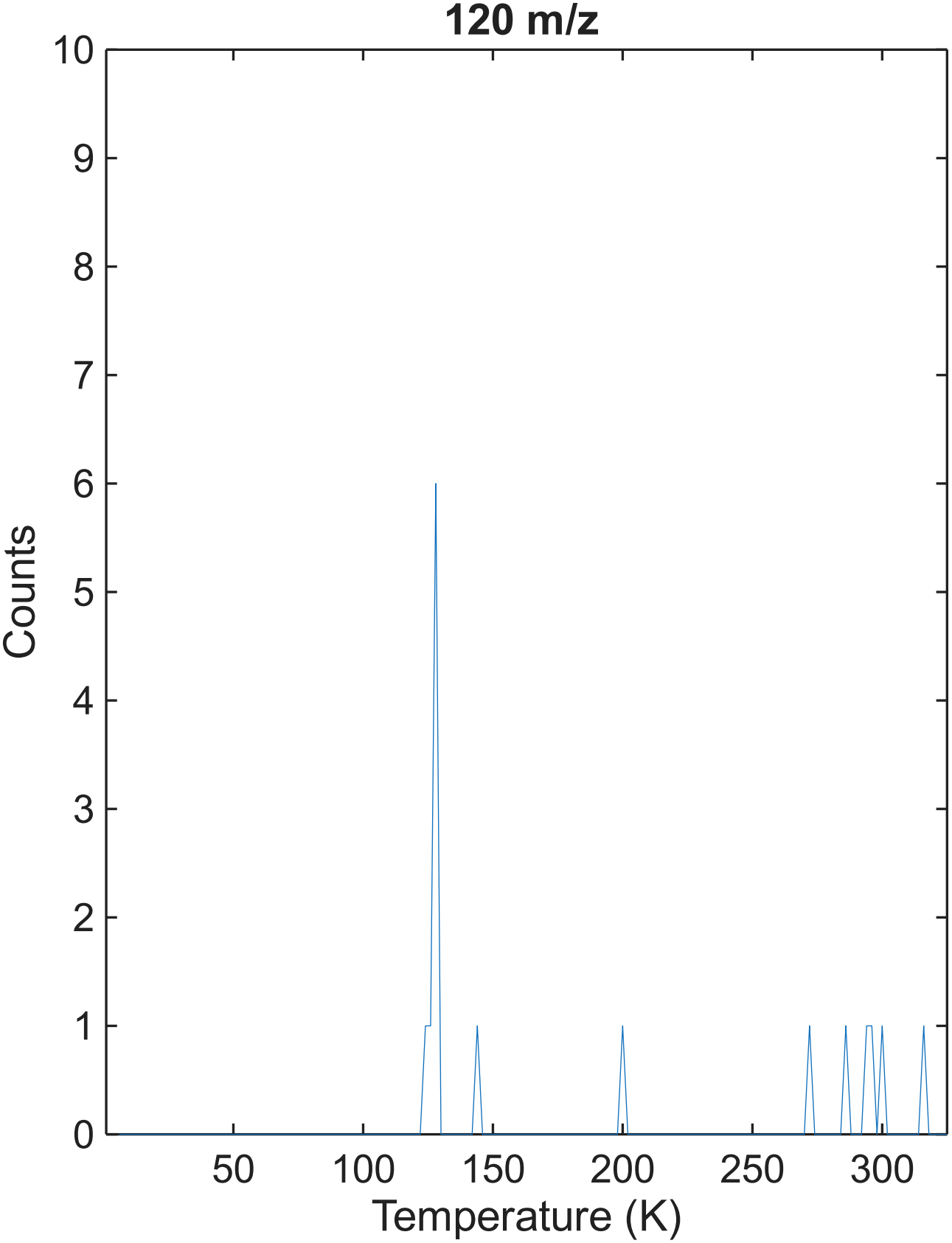
120 m/z
Counts
Temperature (K)
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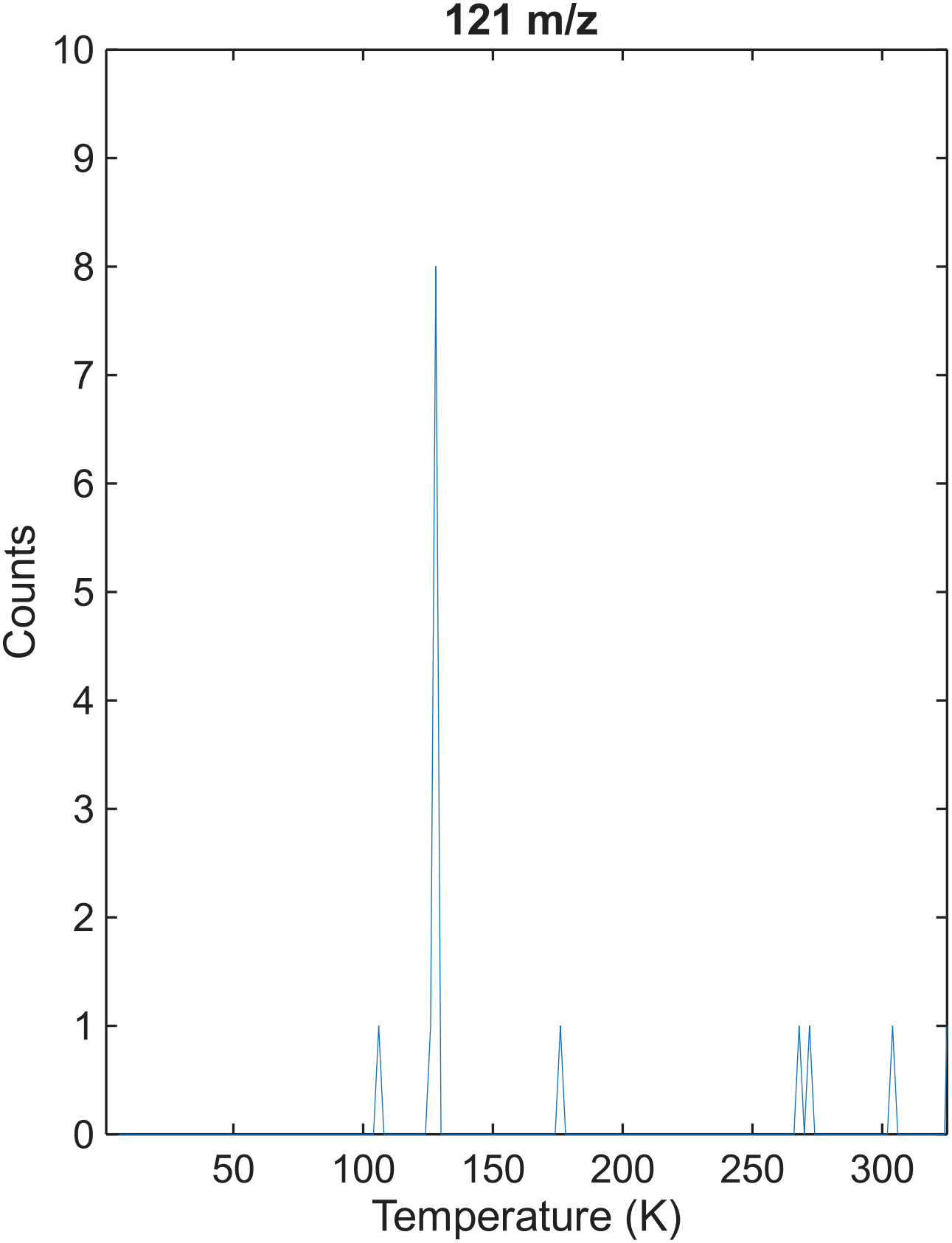
121 m/z
Counts
Temperature (K)
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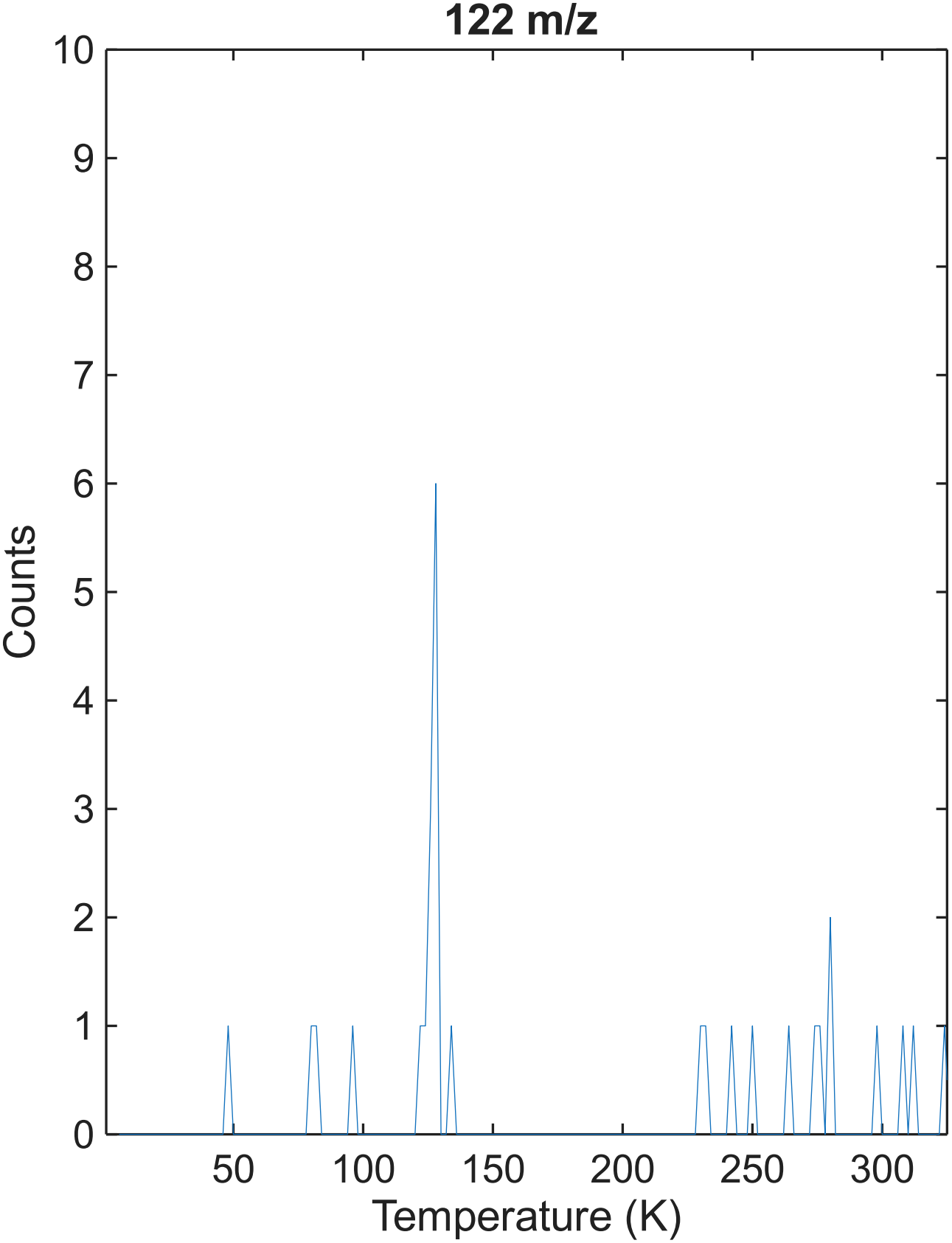
122 m/z
Counts
Temperature (K)
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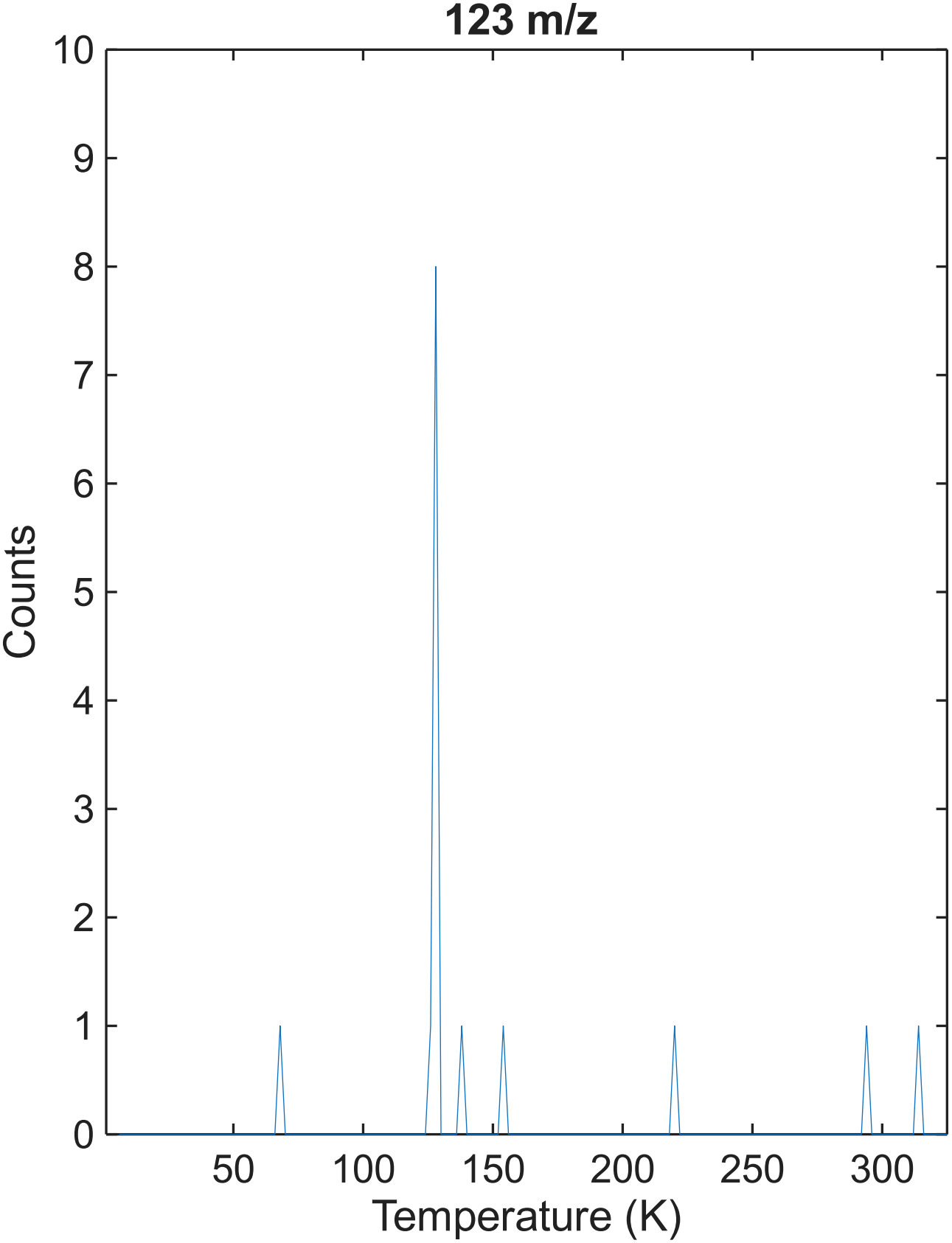
123 m/z
Counts
Temperature (K)
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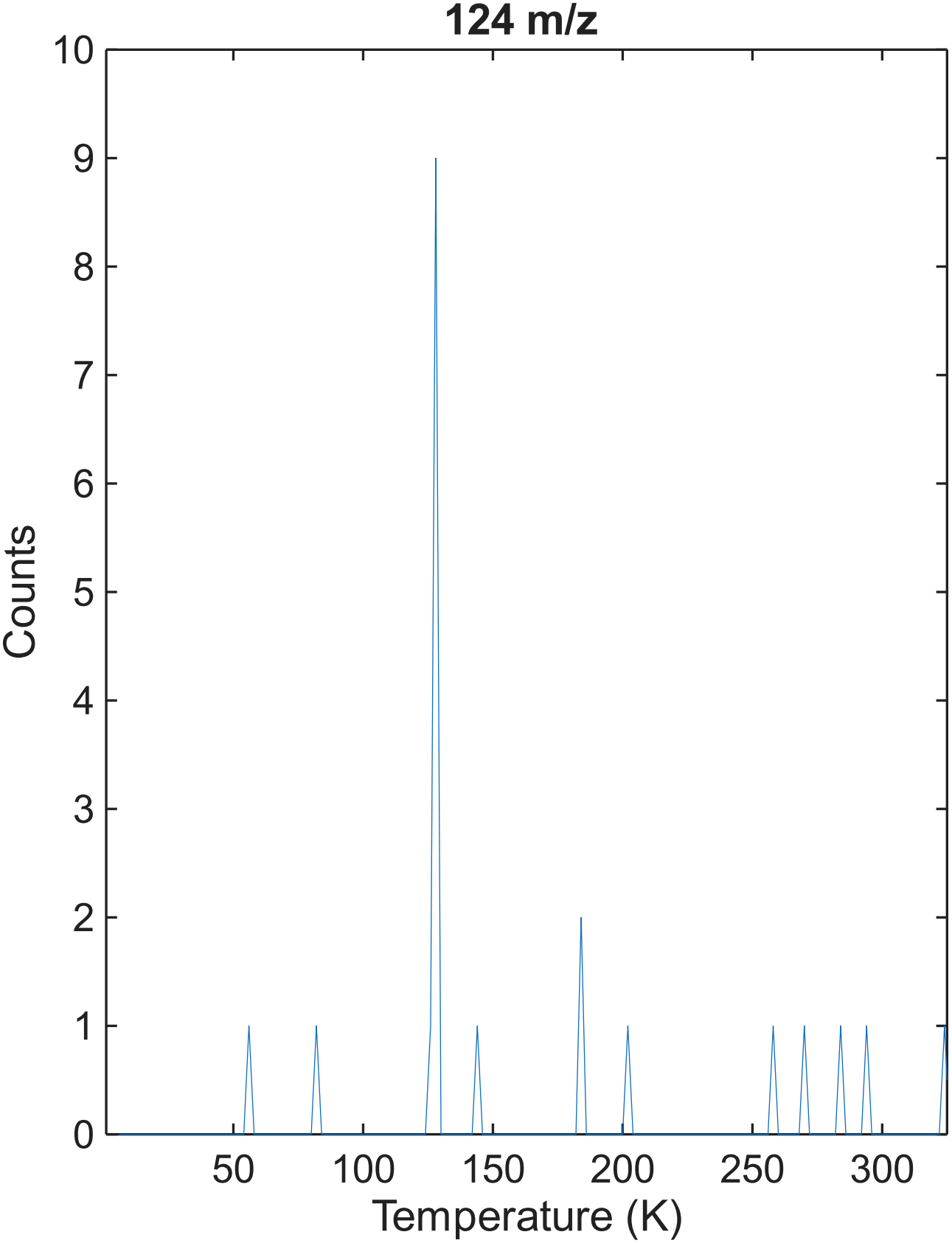
124 m/z
Counts
Temperature (K)
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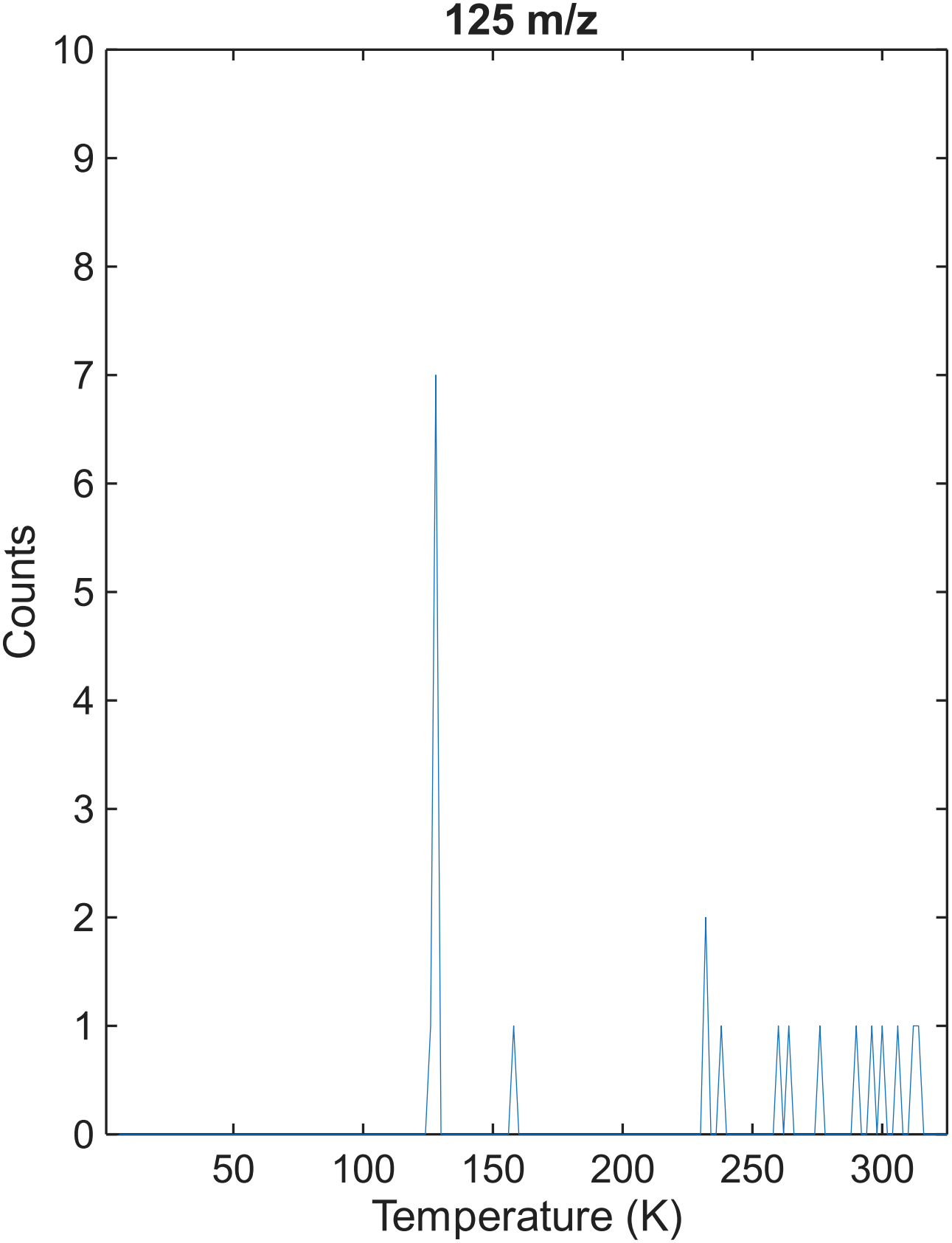
125 m/z
Counts
Temperature (K)
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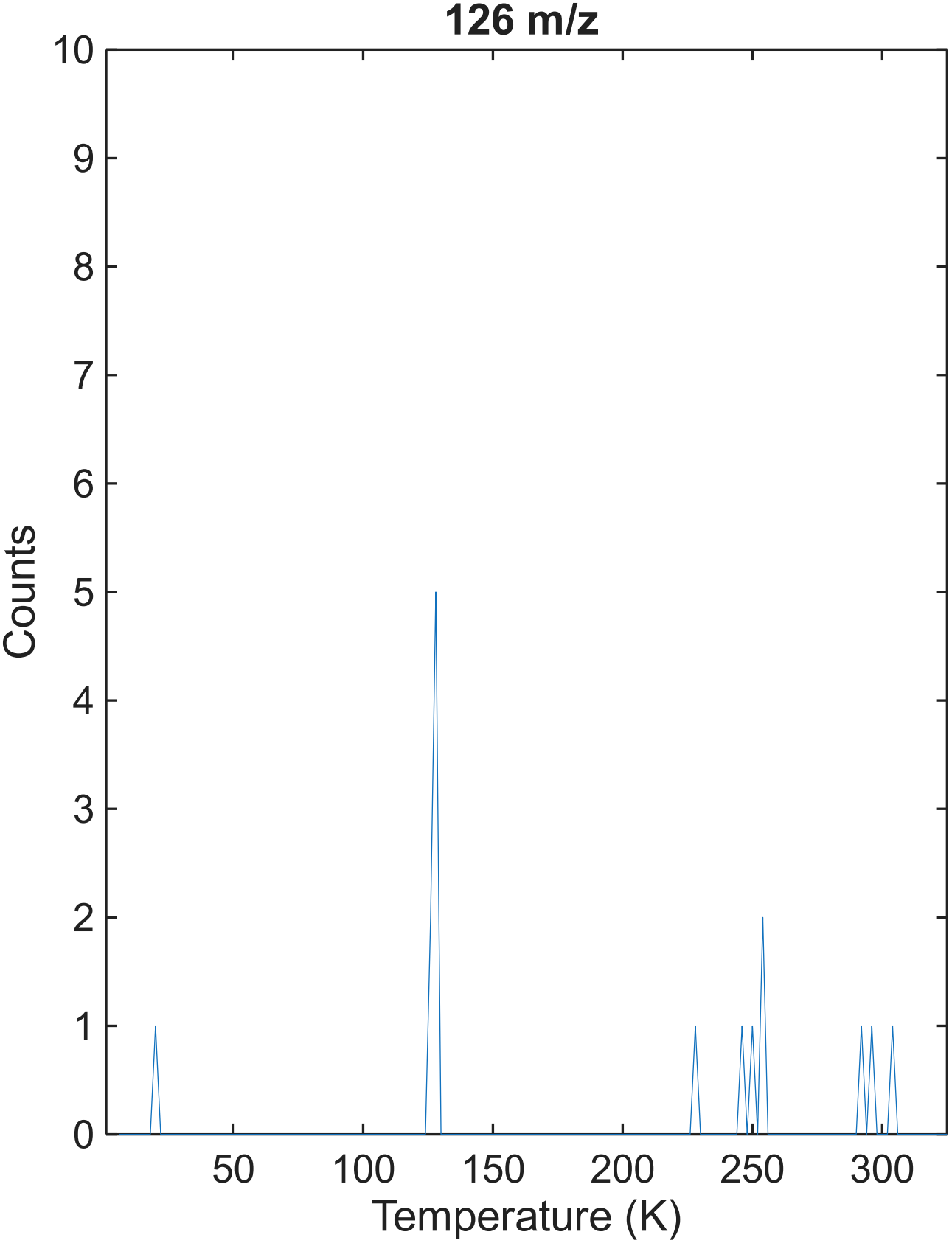
126 m/z
Counts
Temperature (K)
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100
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200
250
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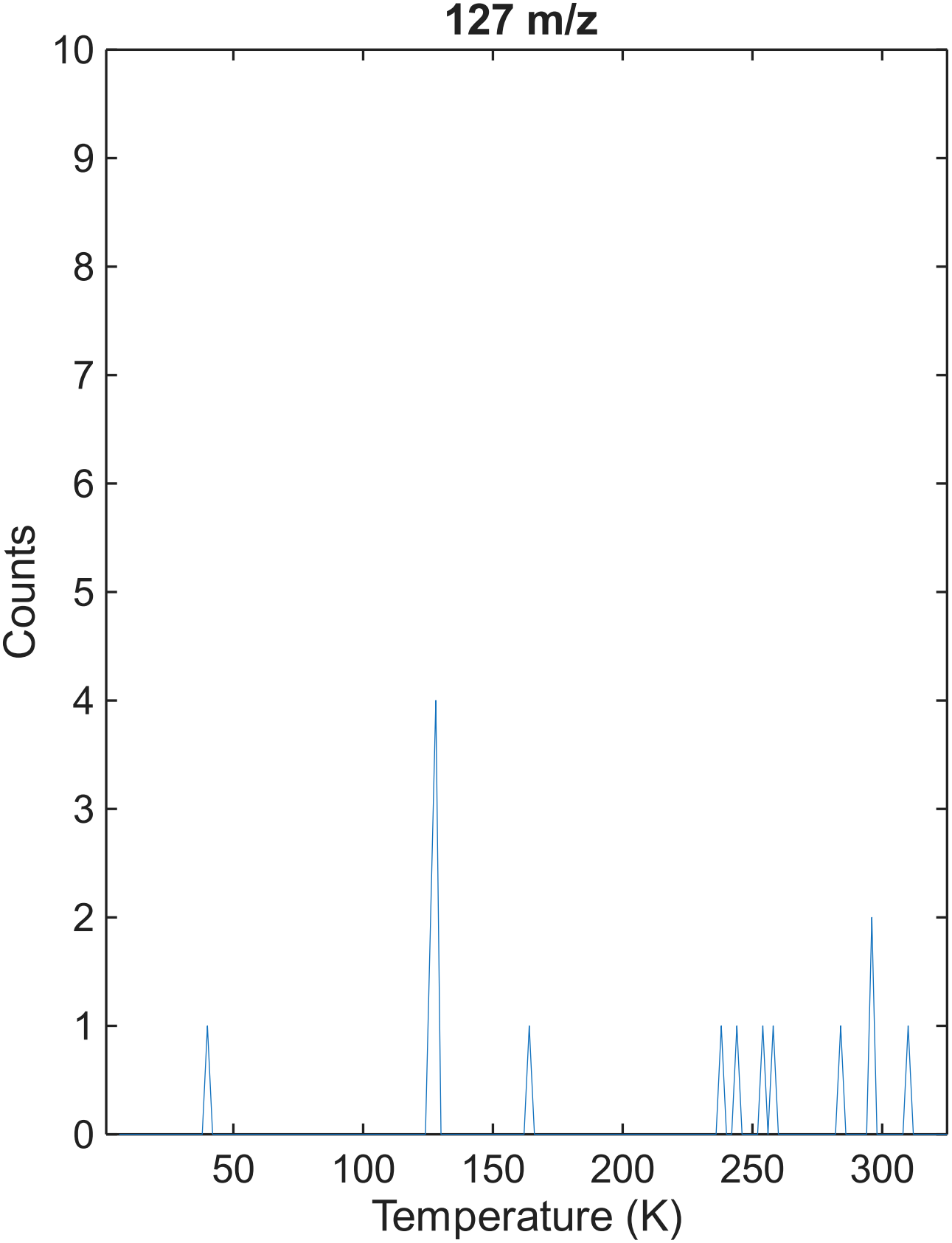
127 m/z
Counts
Temperature (K)
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2
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4
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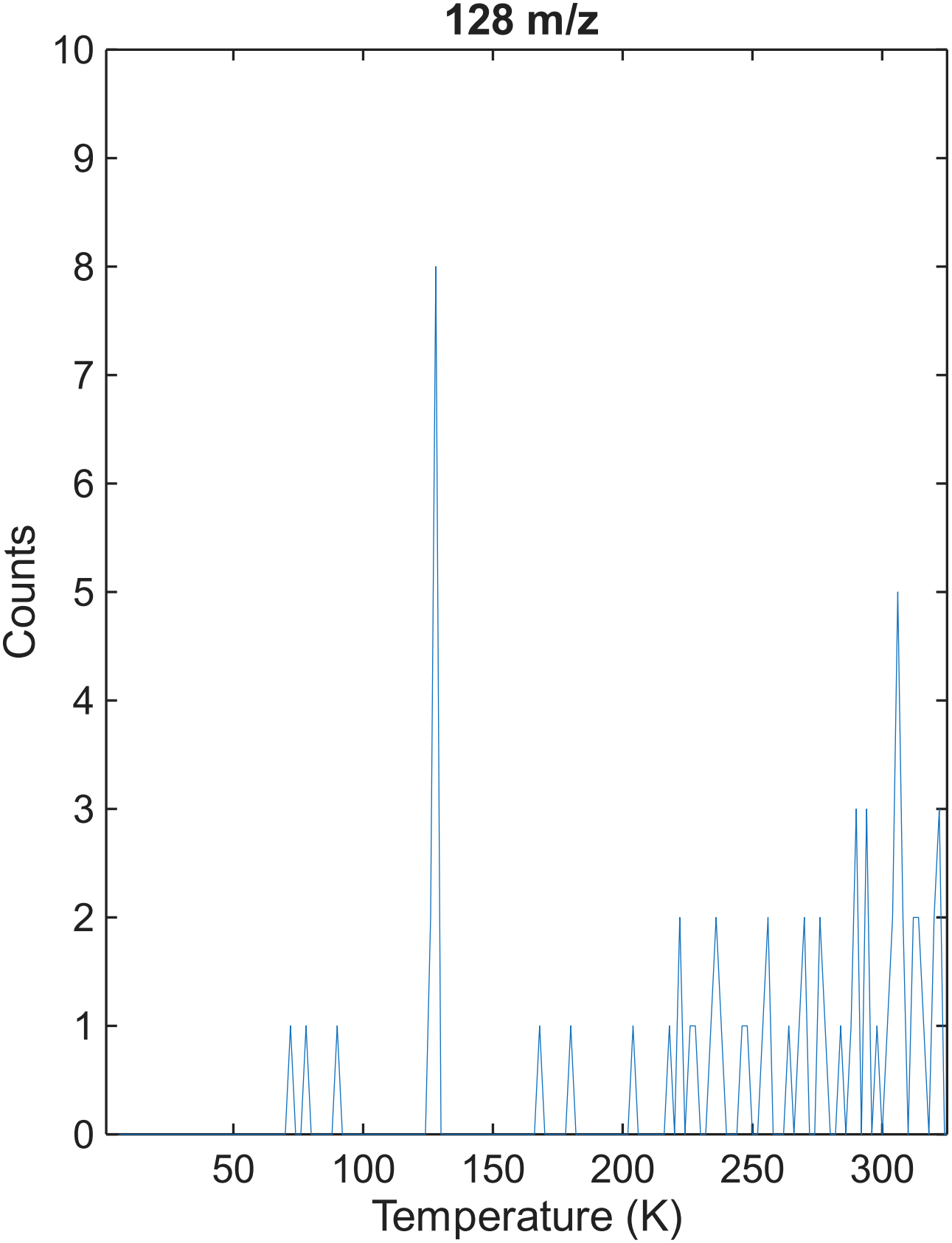
128 m/z
Counts
Temperature (K)
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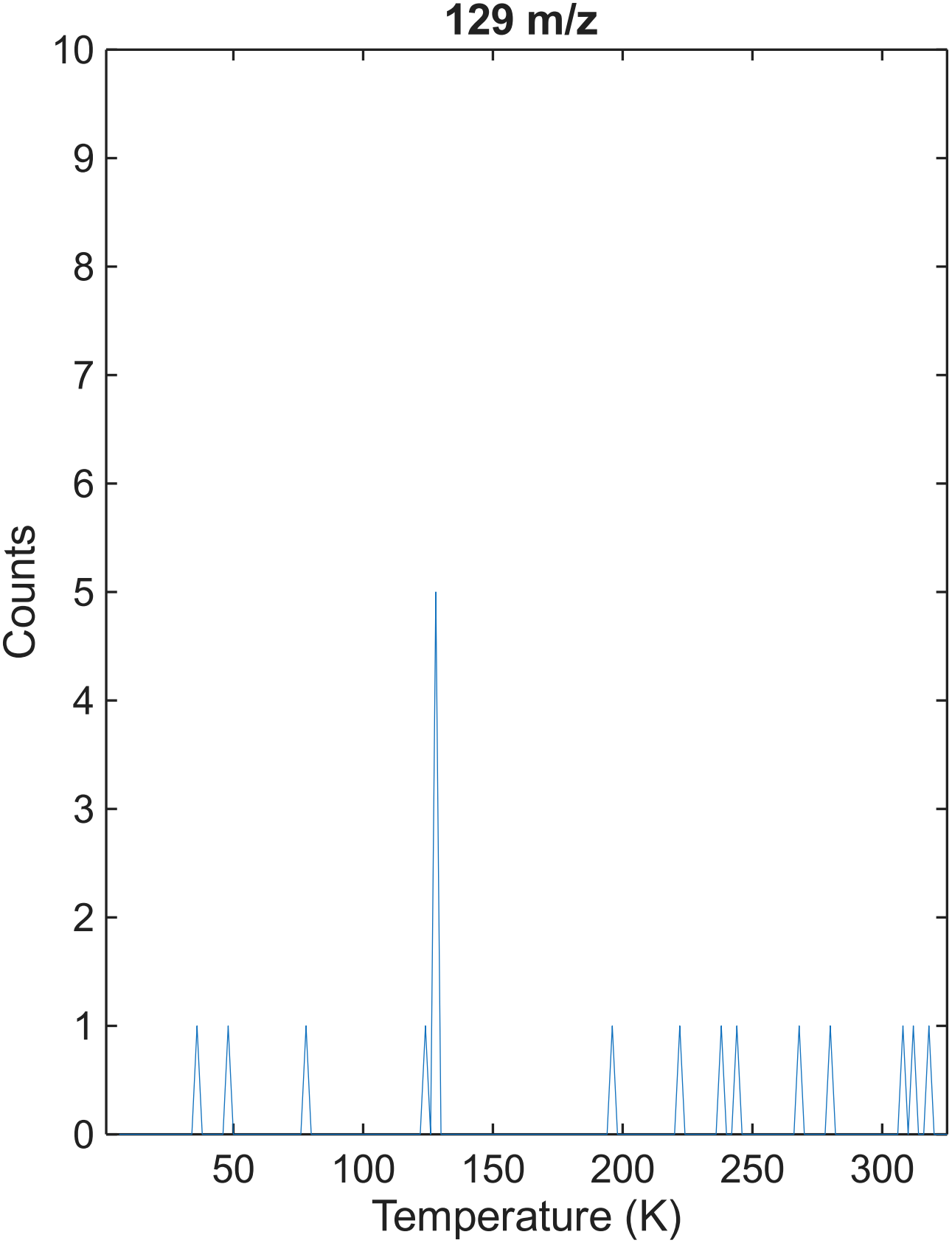
129 m/z
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Temperature (K)
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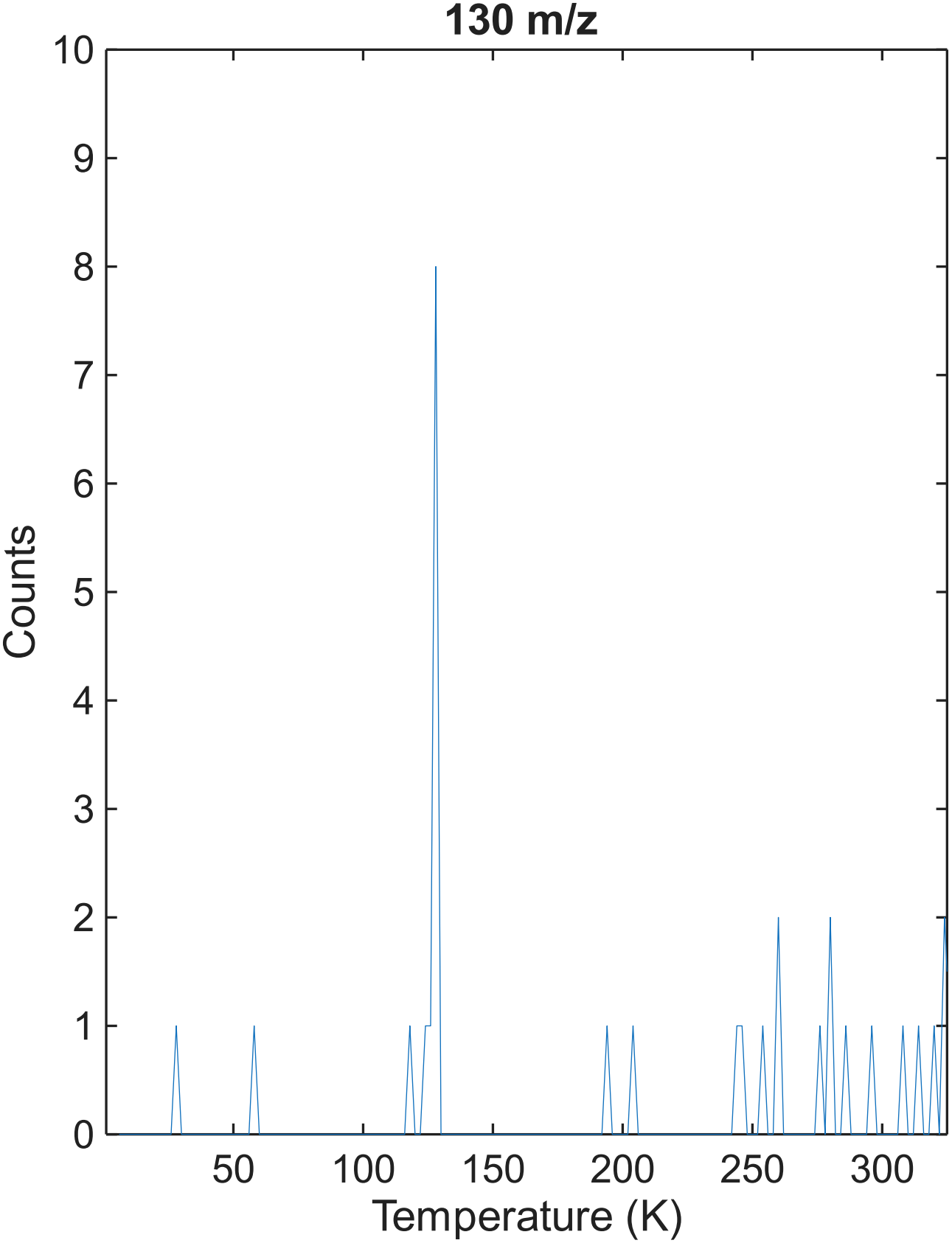
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Temperature (K)
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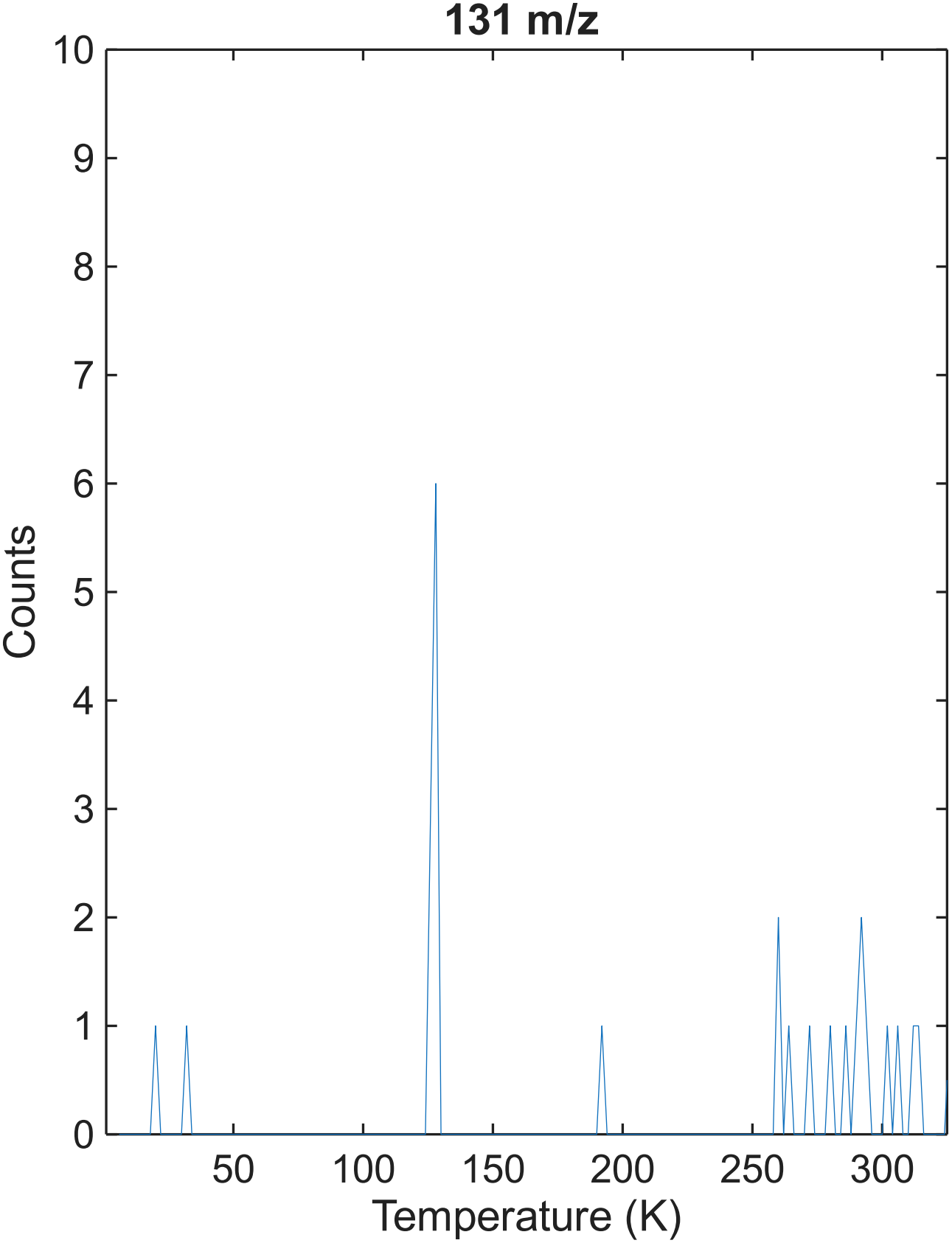
131 m/z
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Temperature (K)
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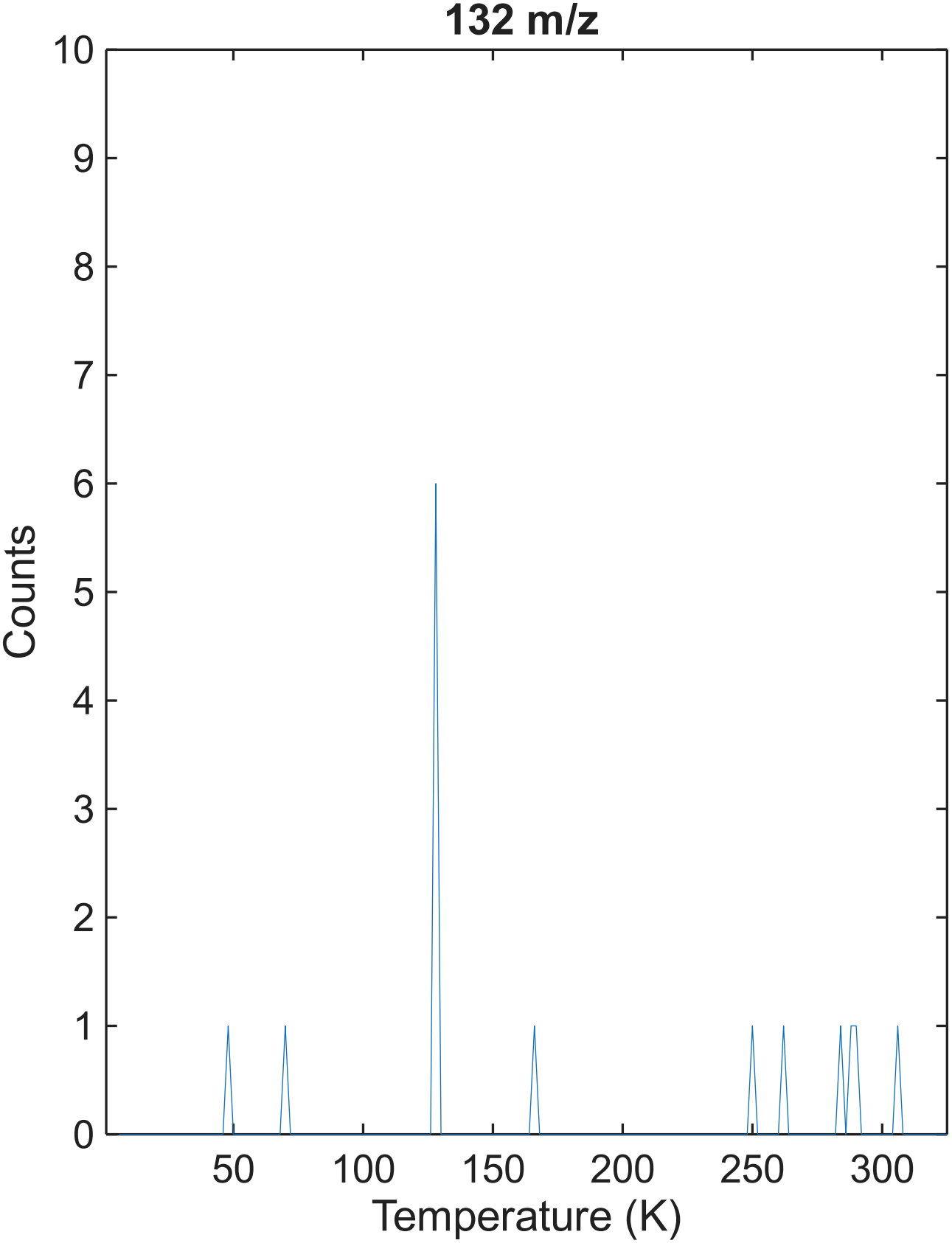
132 m/z
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Temperature (K)
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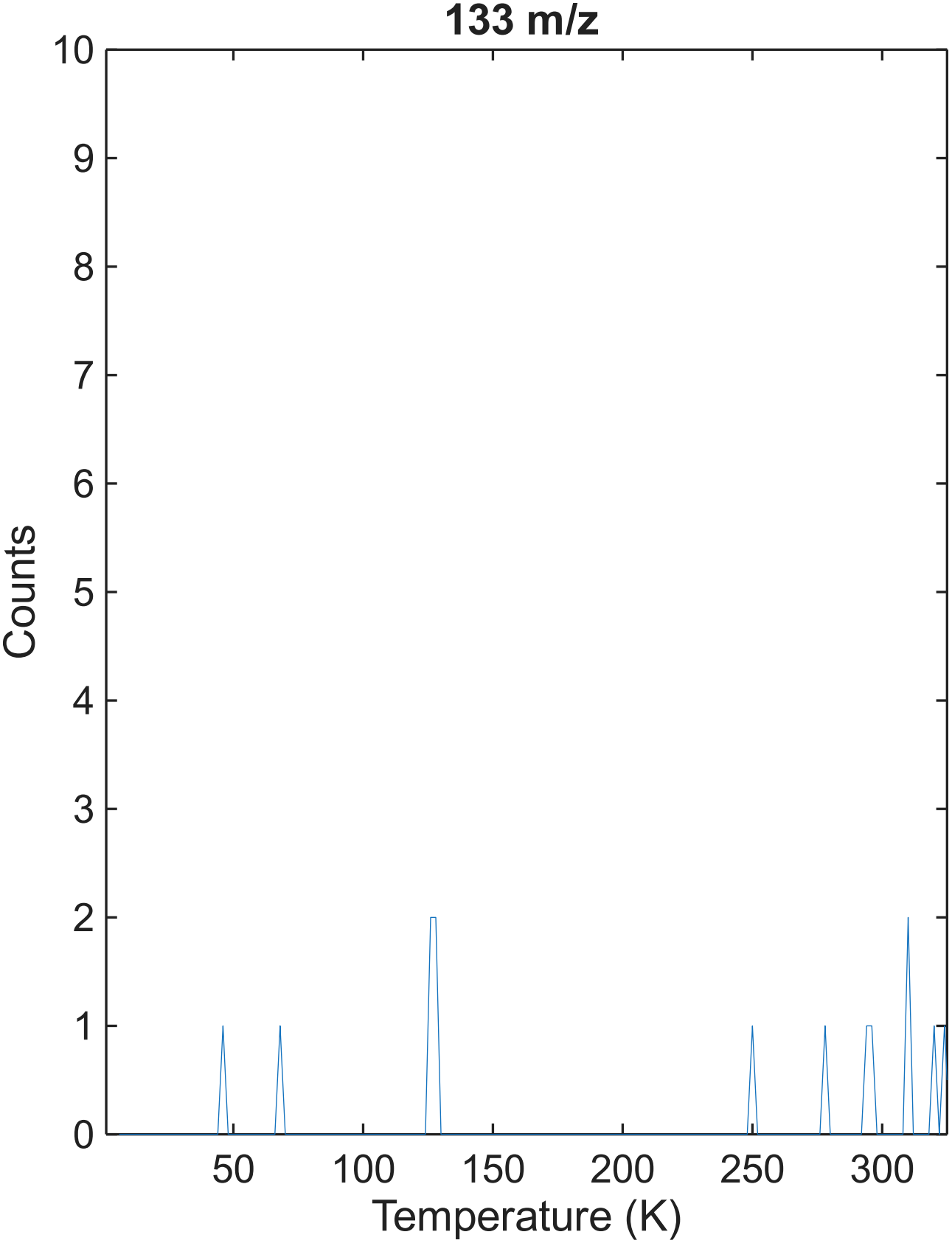
133 m/z
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0
Counts
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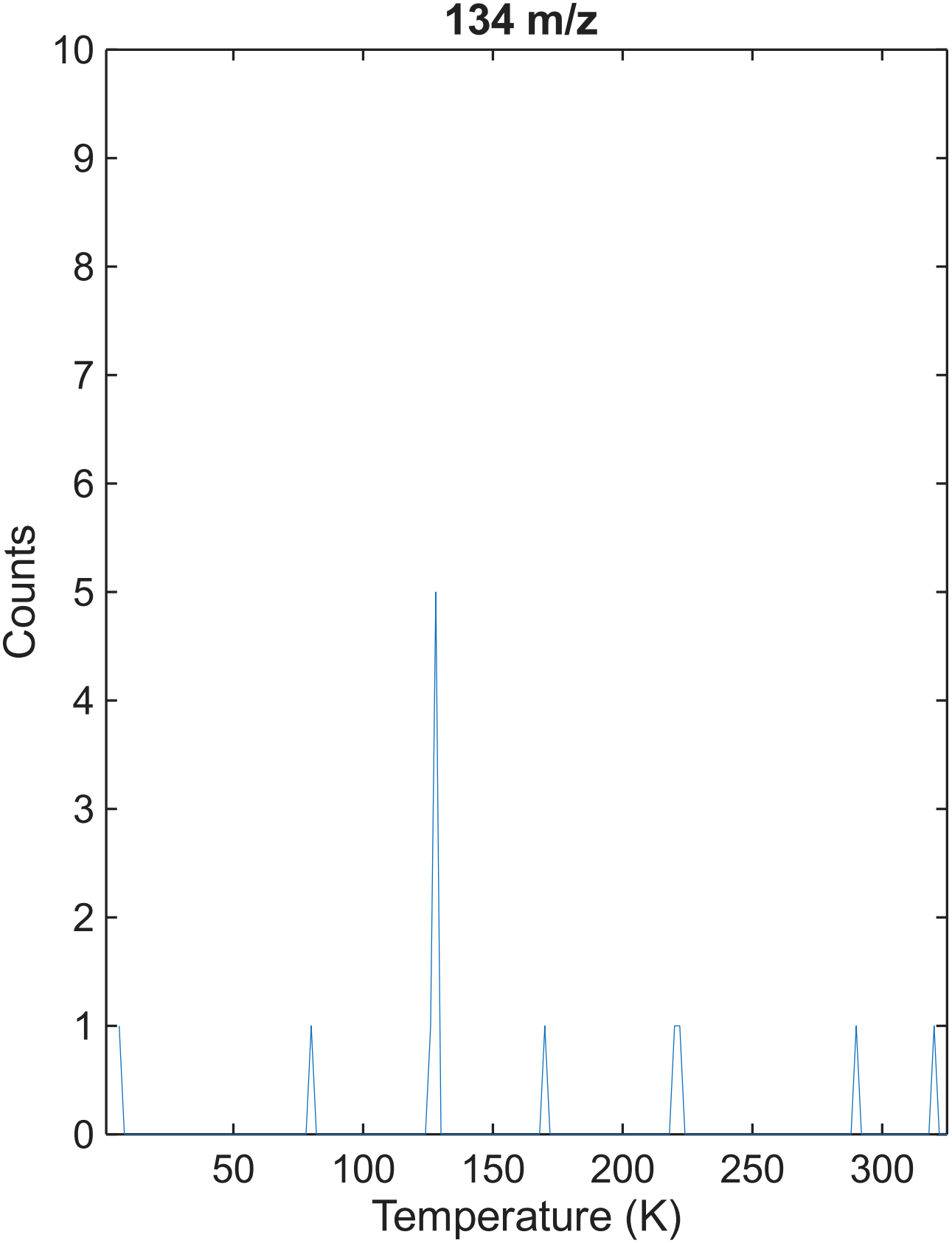
Temperature (K)


134 m/z
Counts
Temperature (K)
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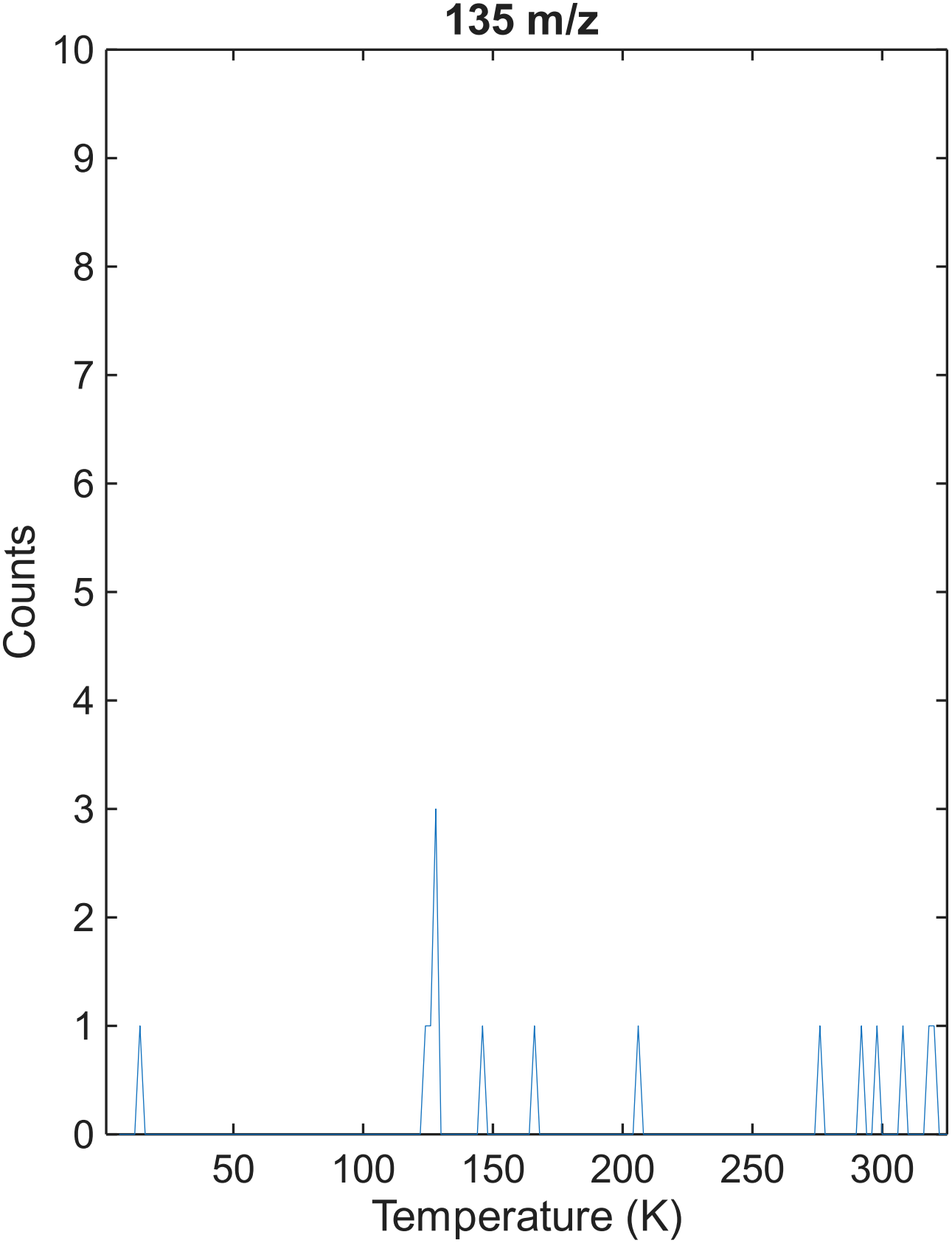
135 m/z
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Temperature (K)
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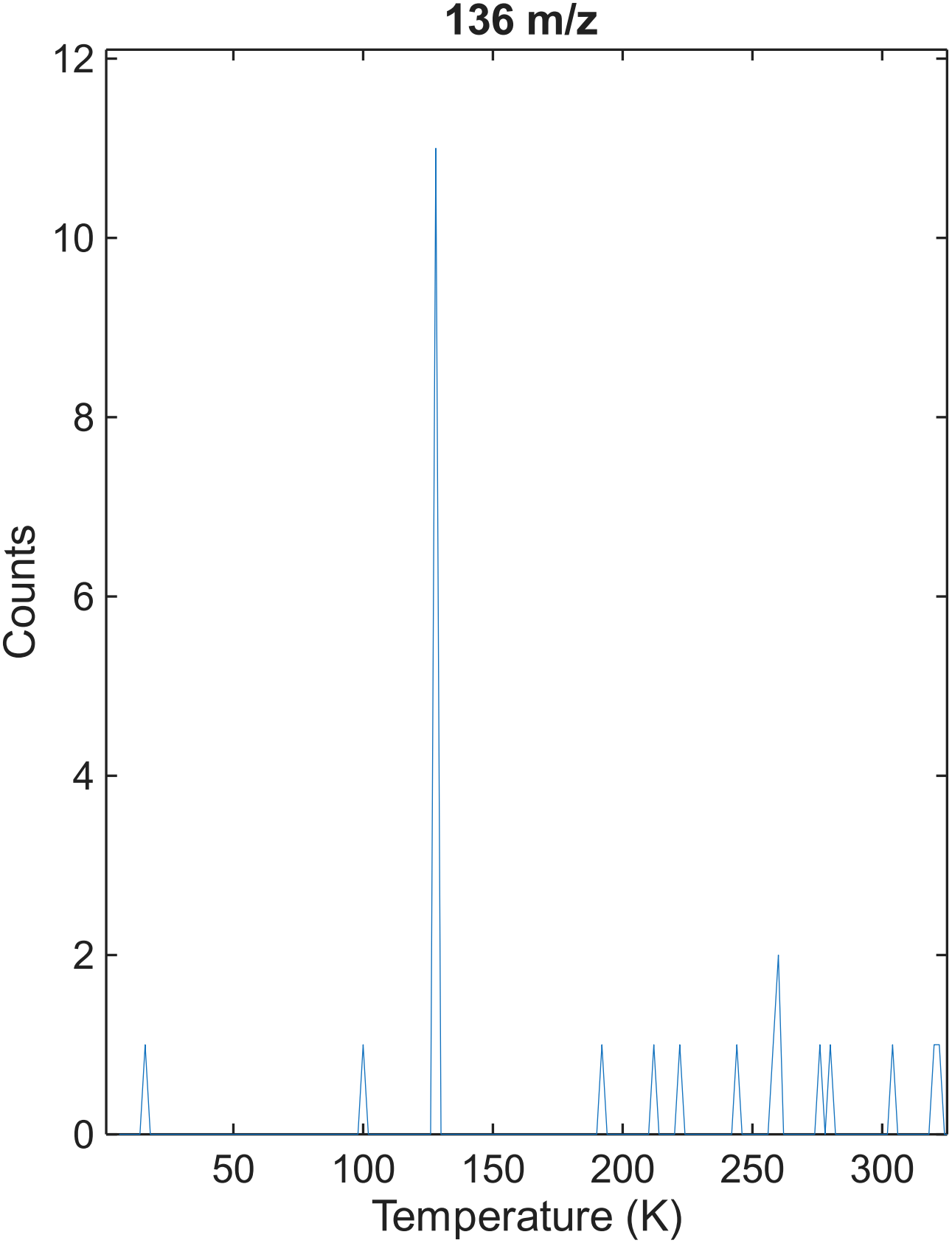
136 m/z
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8
6
4
2
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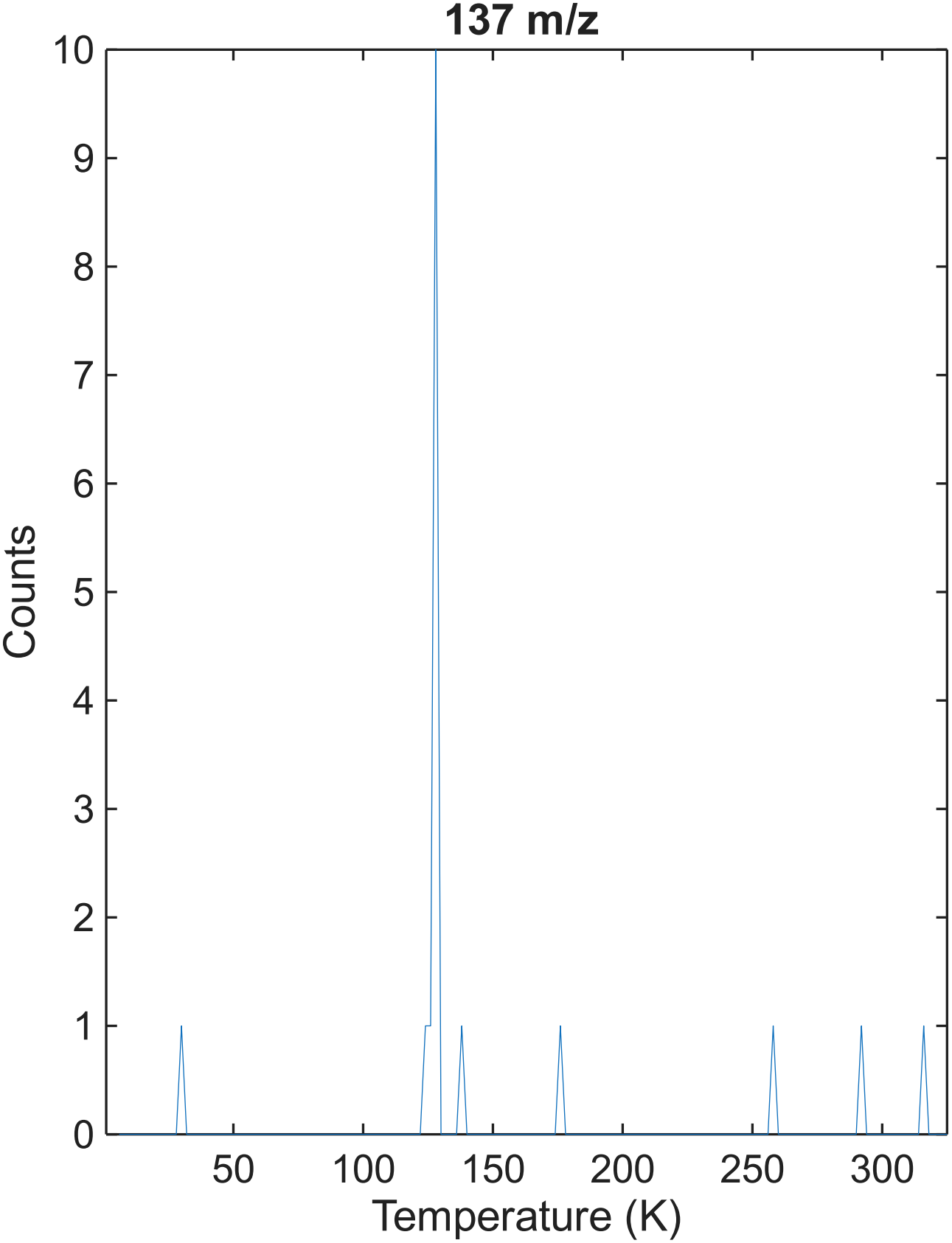
Counts
50
100
150
200
250
300
Temperature (K)


137 m/z
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Temperature (K)
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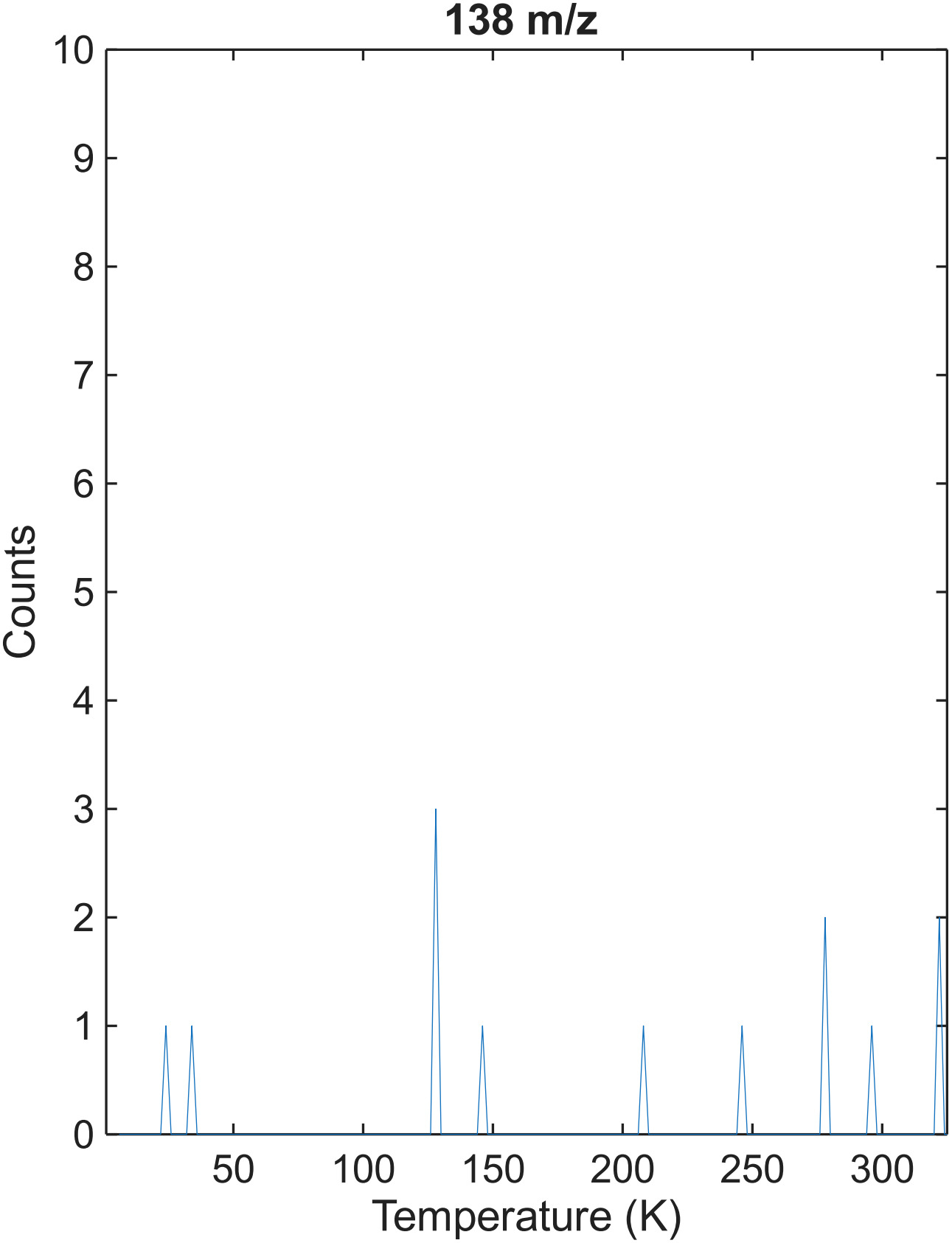
138 m/z
Counts
Temperature (K)
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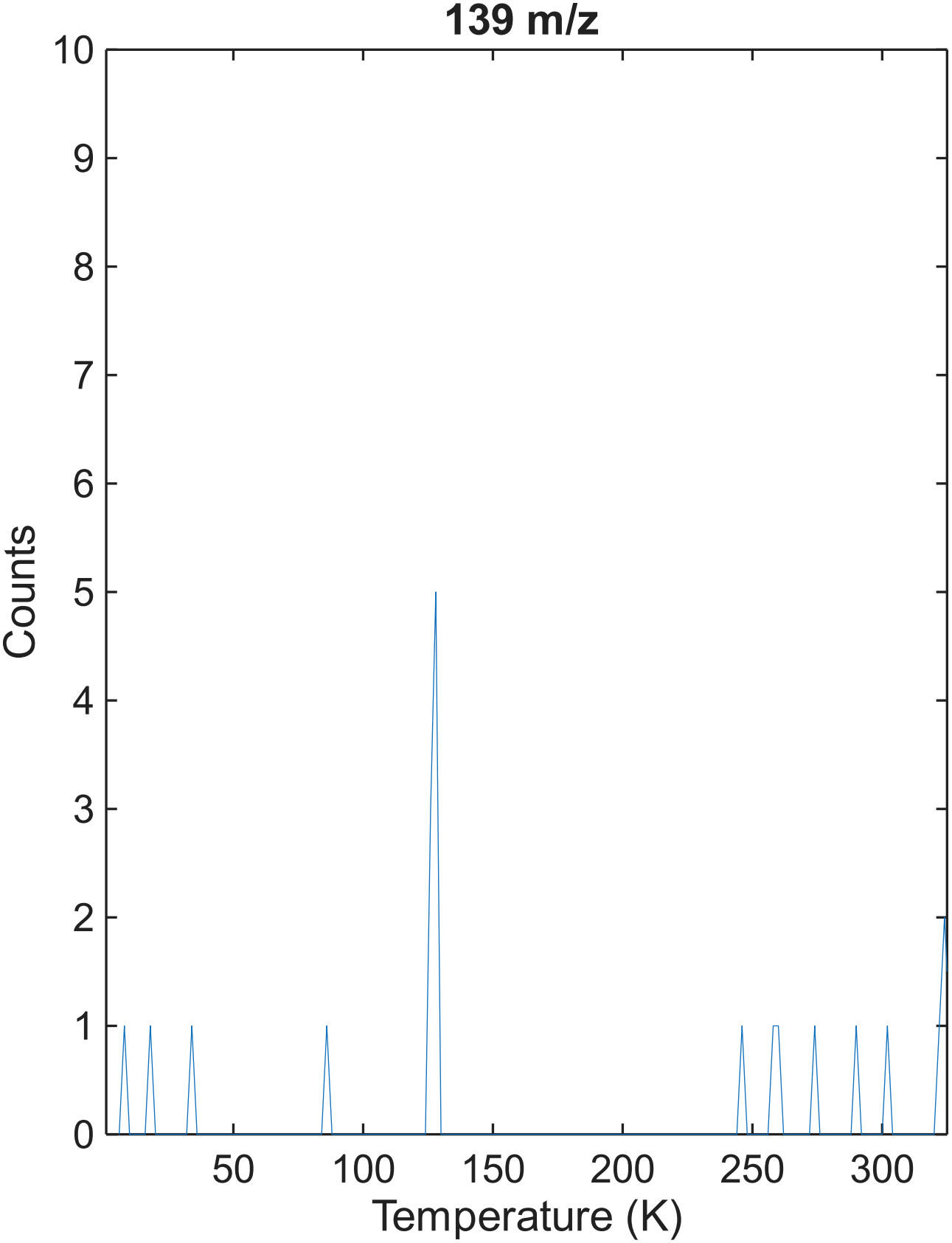
139 m/z
Counts
Temperature (K)
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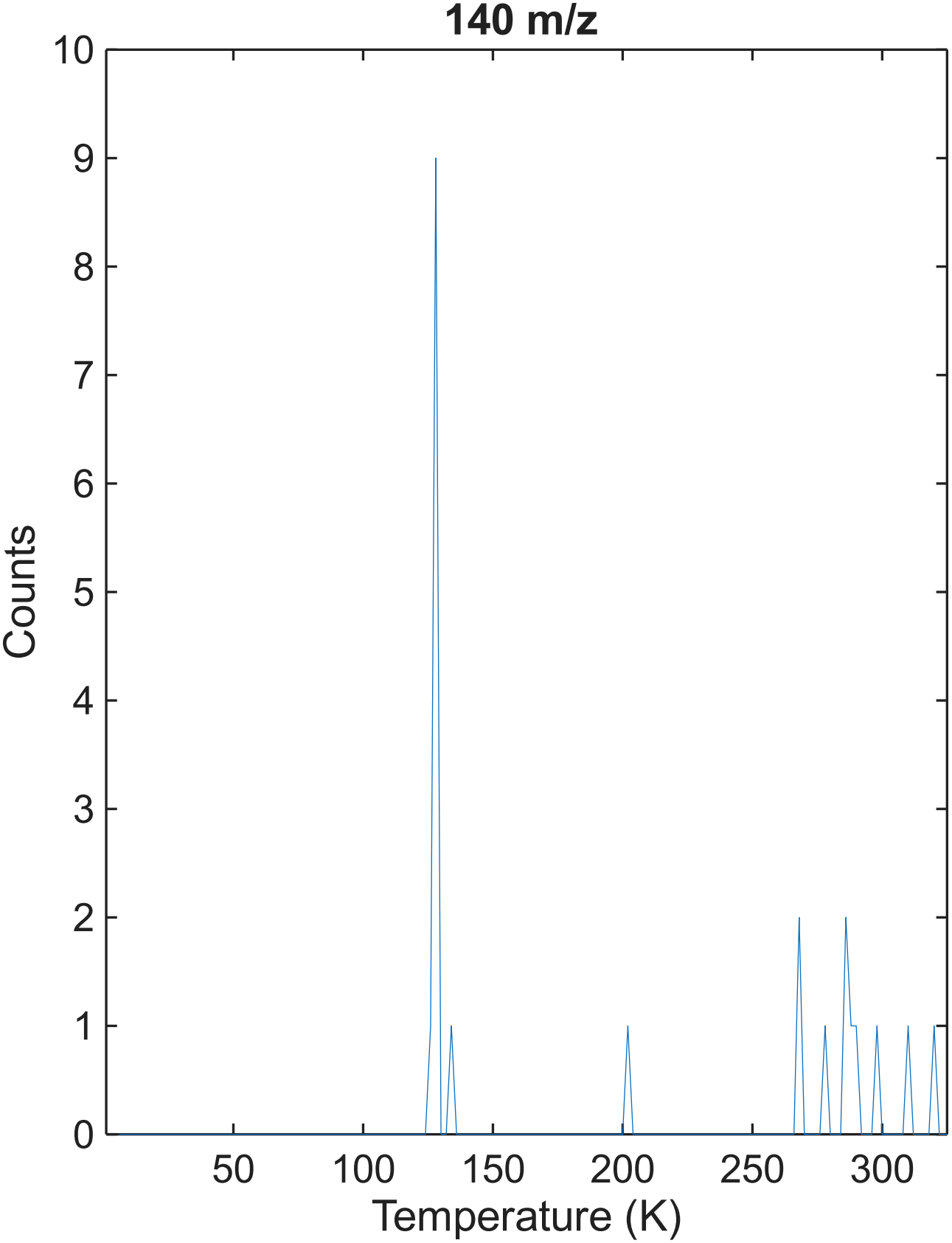
140 m/z
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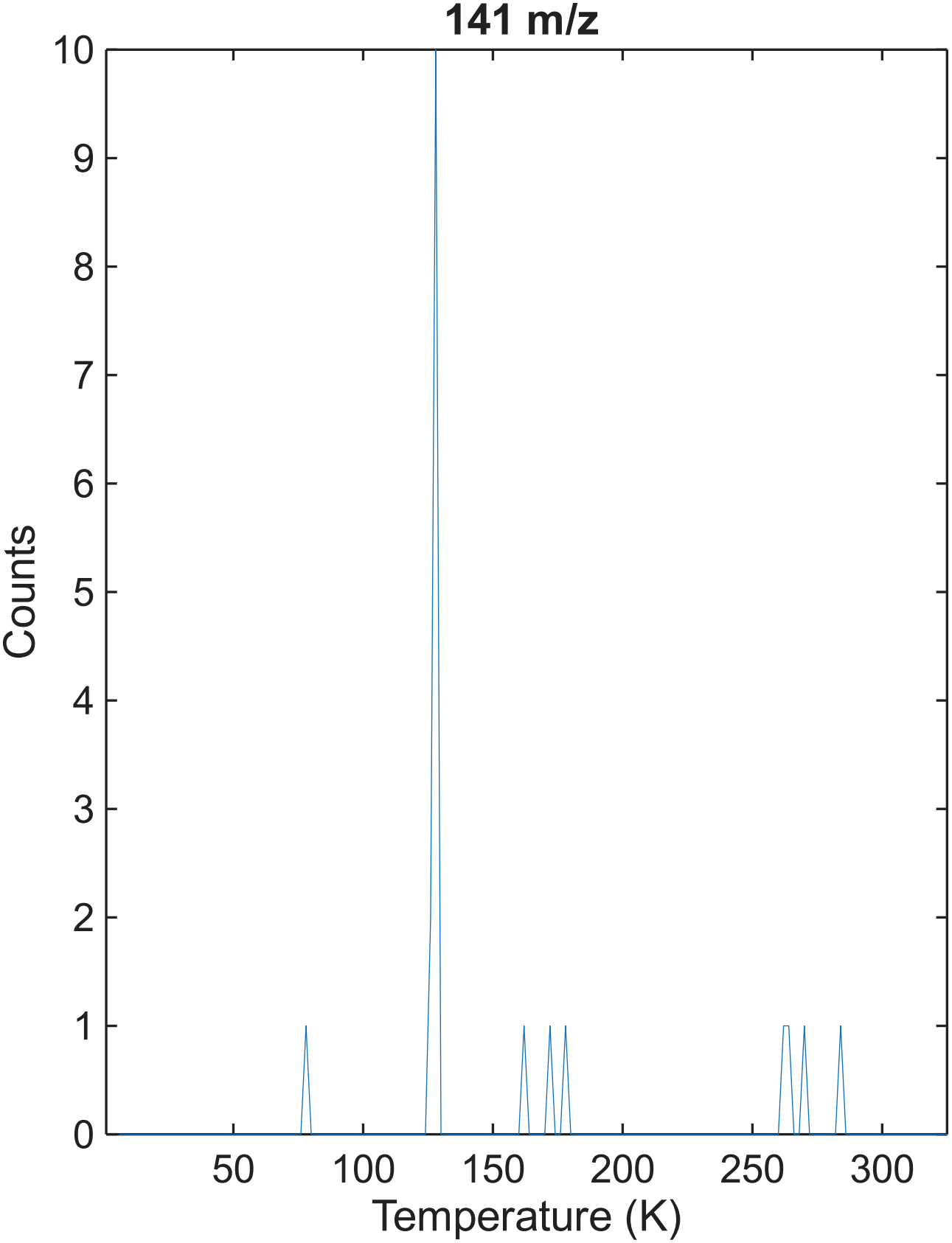
141 m/z
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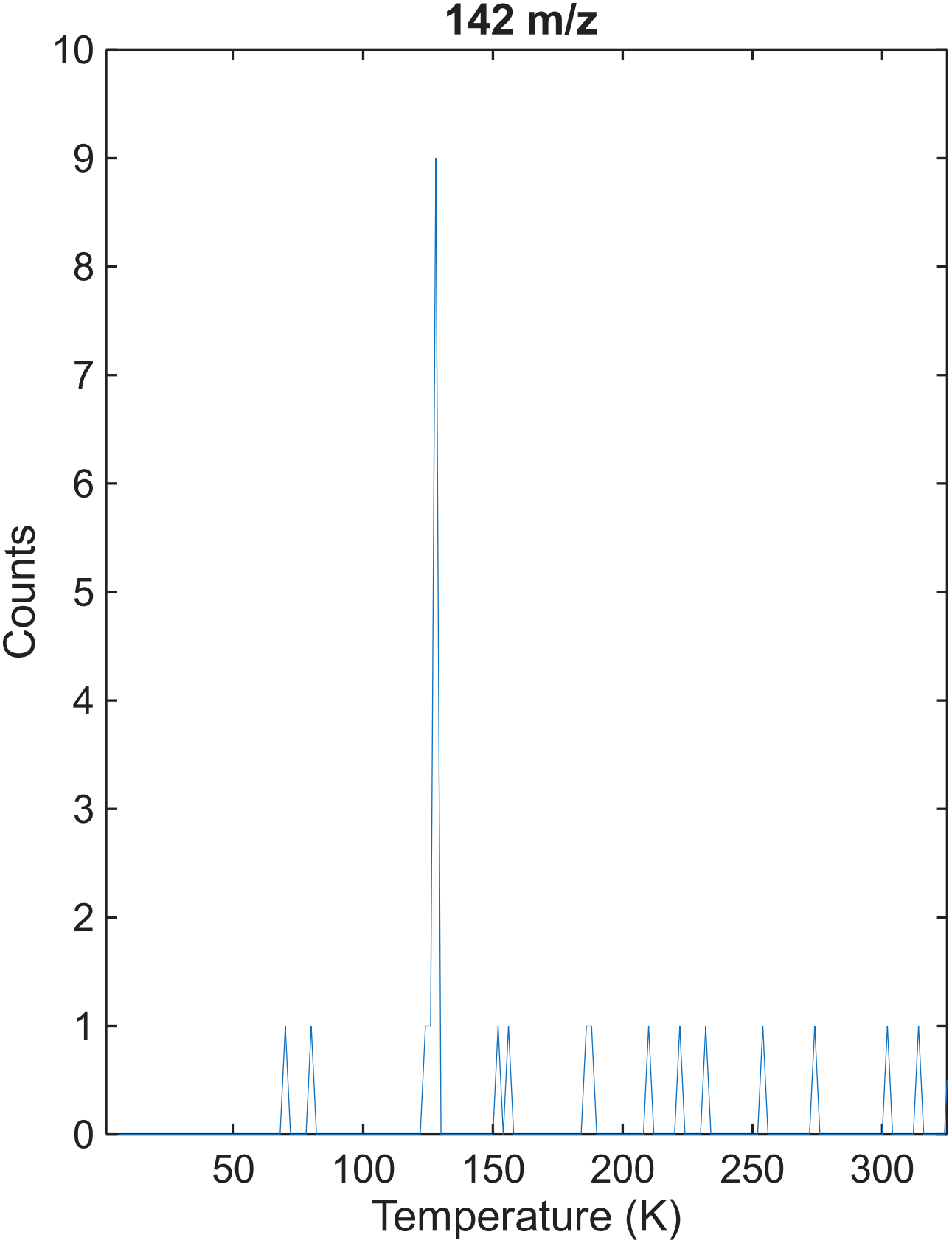
142 m/z
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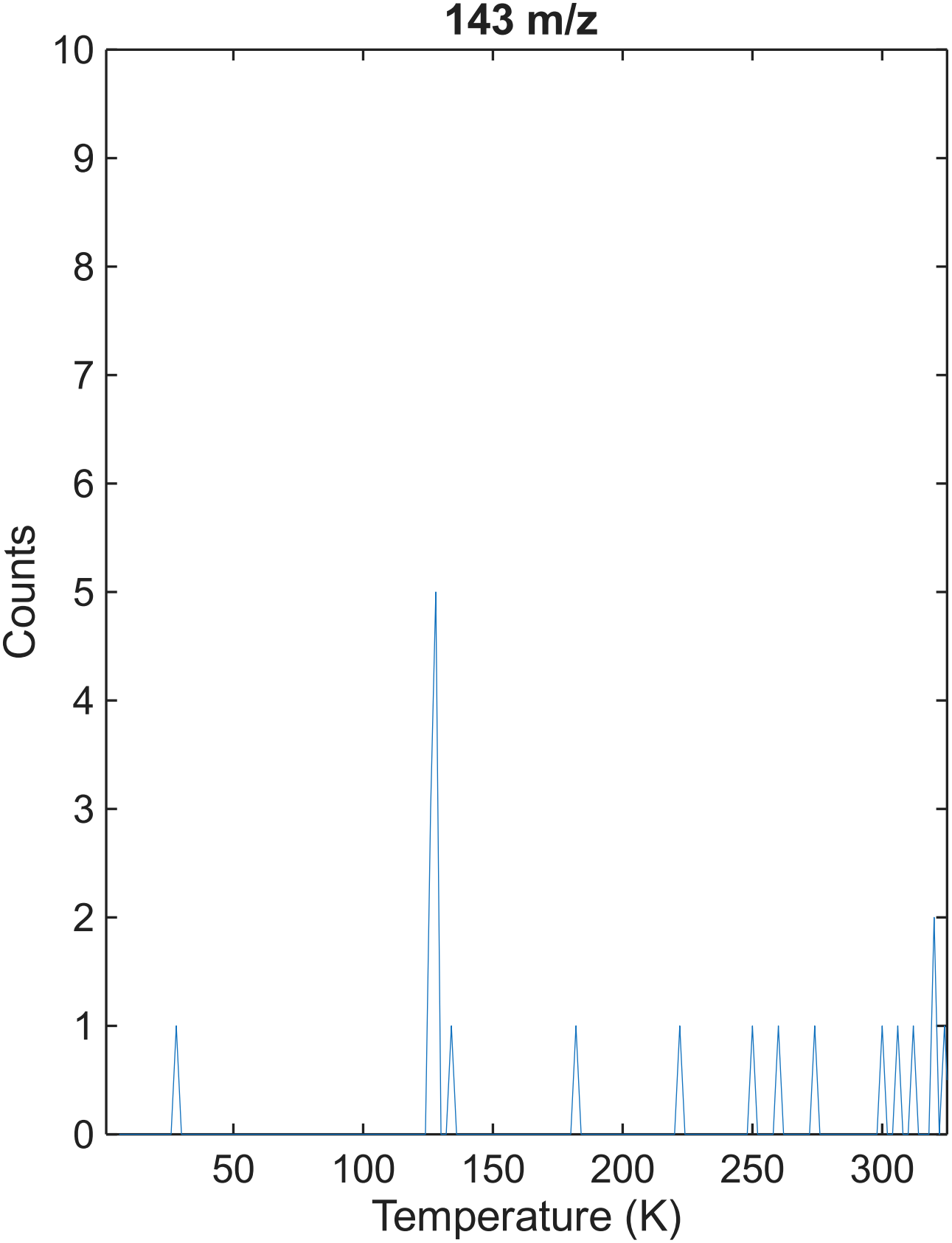
143 m/z
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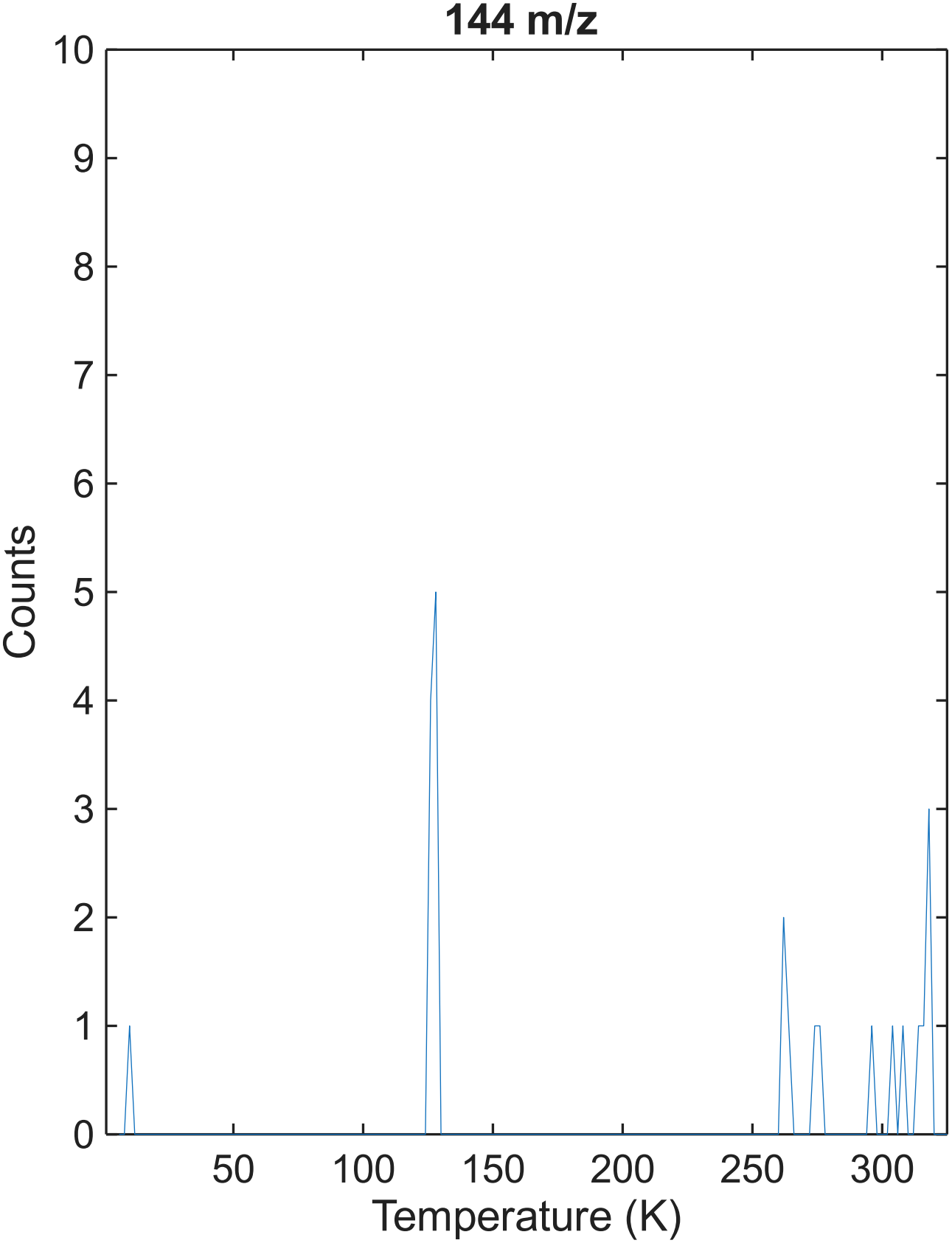
144 m/z
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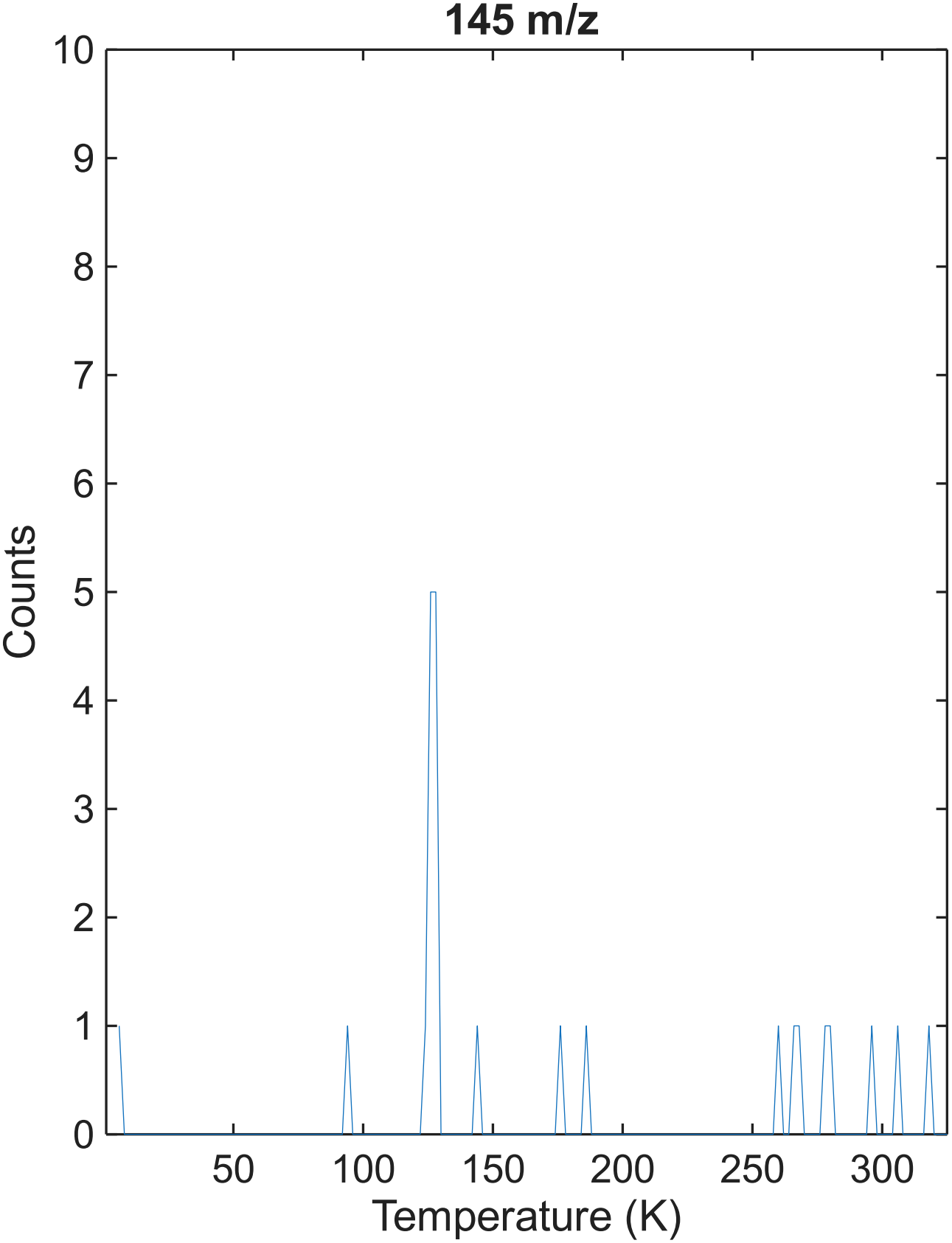
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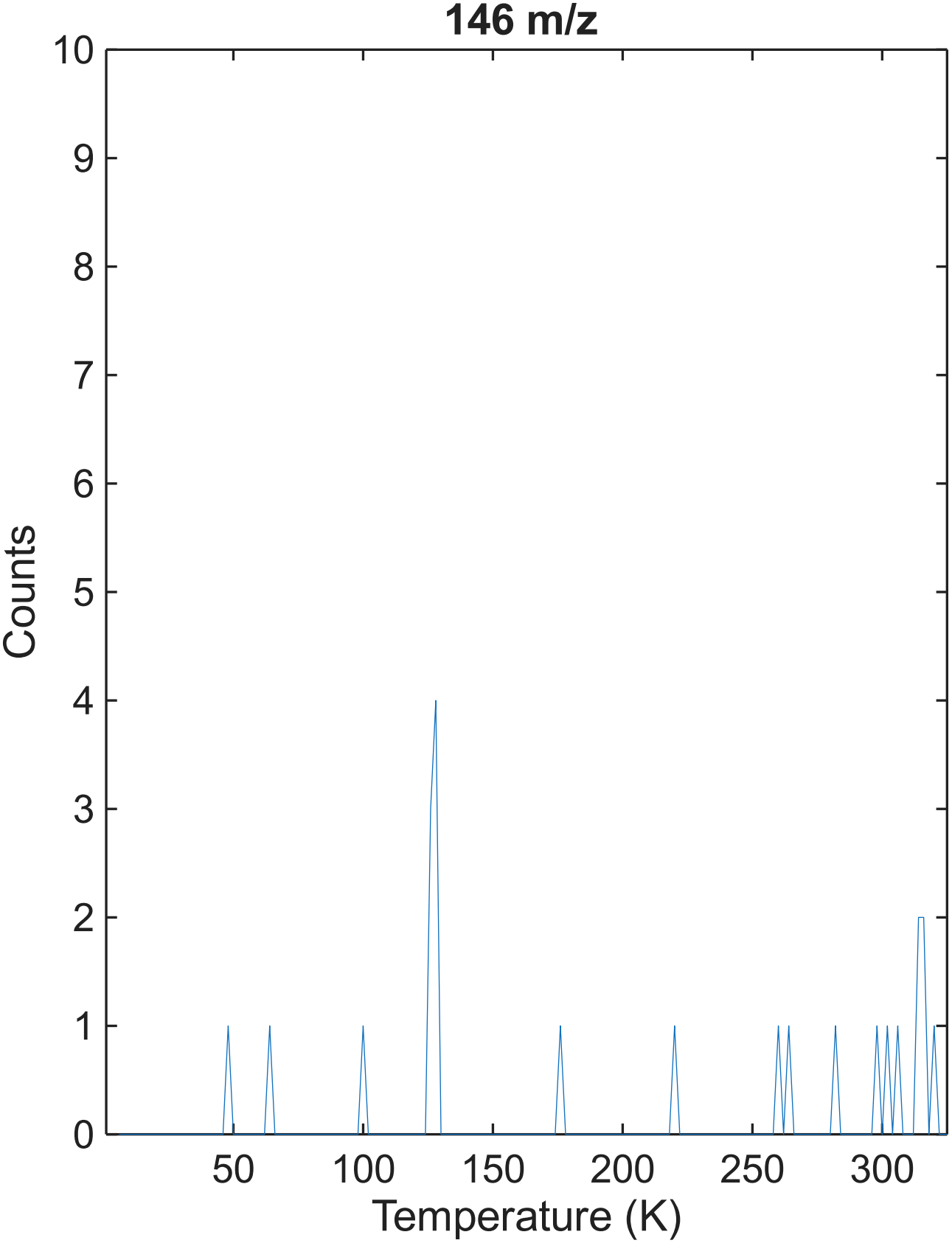
146 m/z
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Temperature (K)
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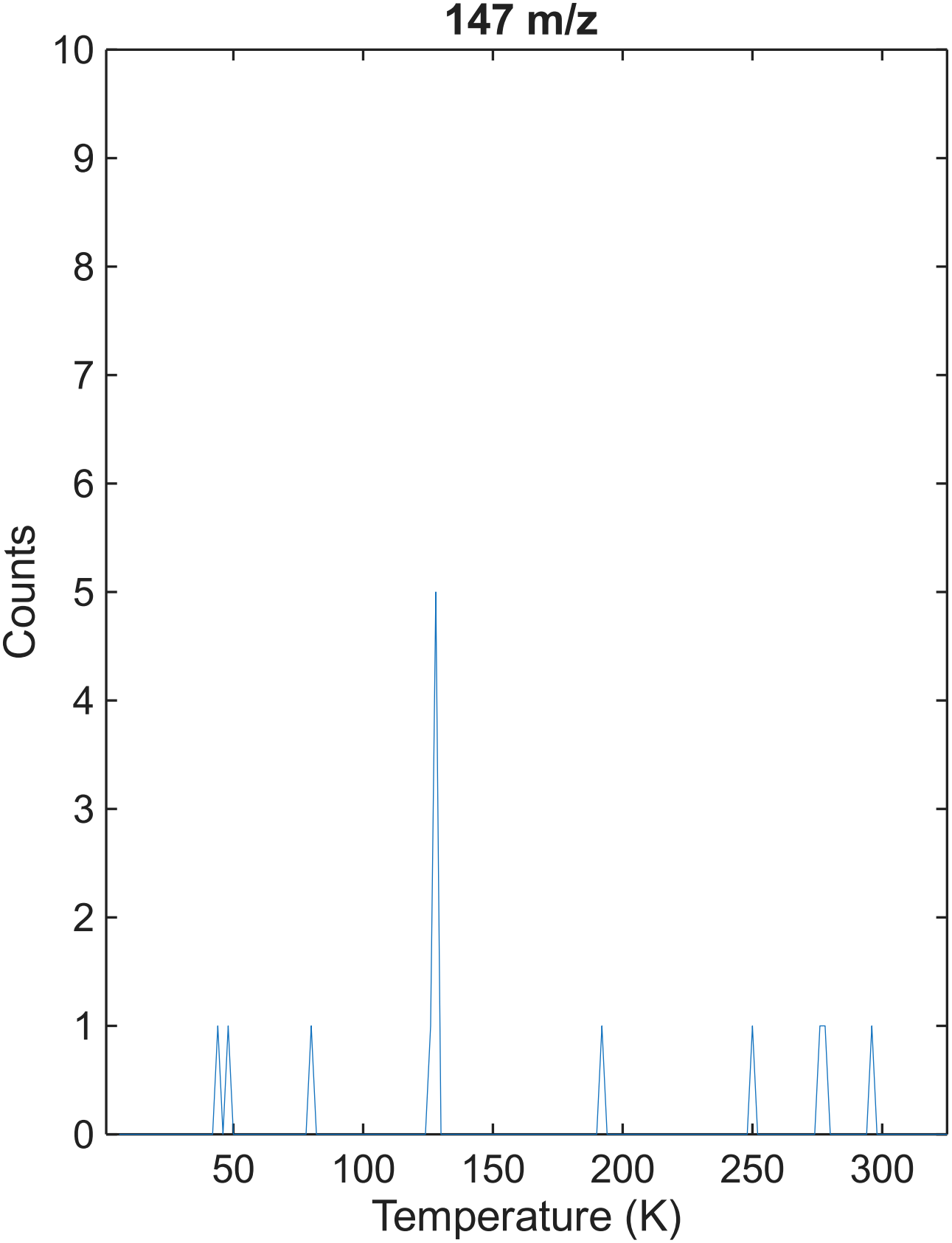
147 m/z
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Temperature (K)
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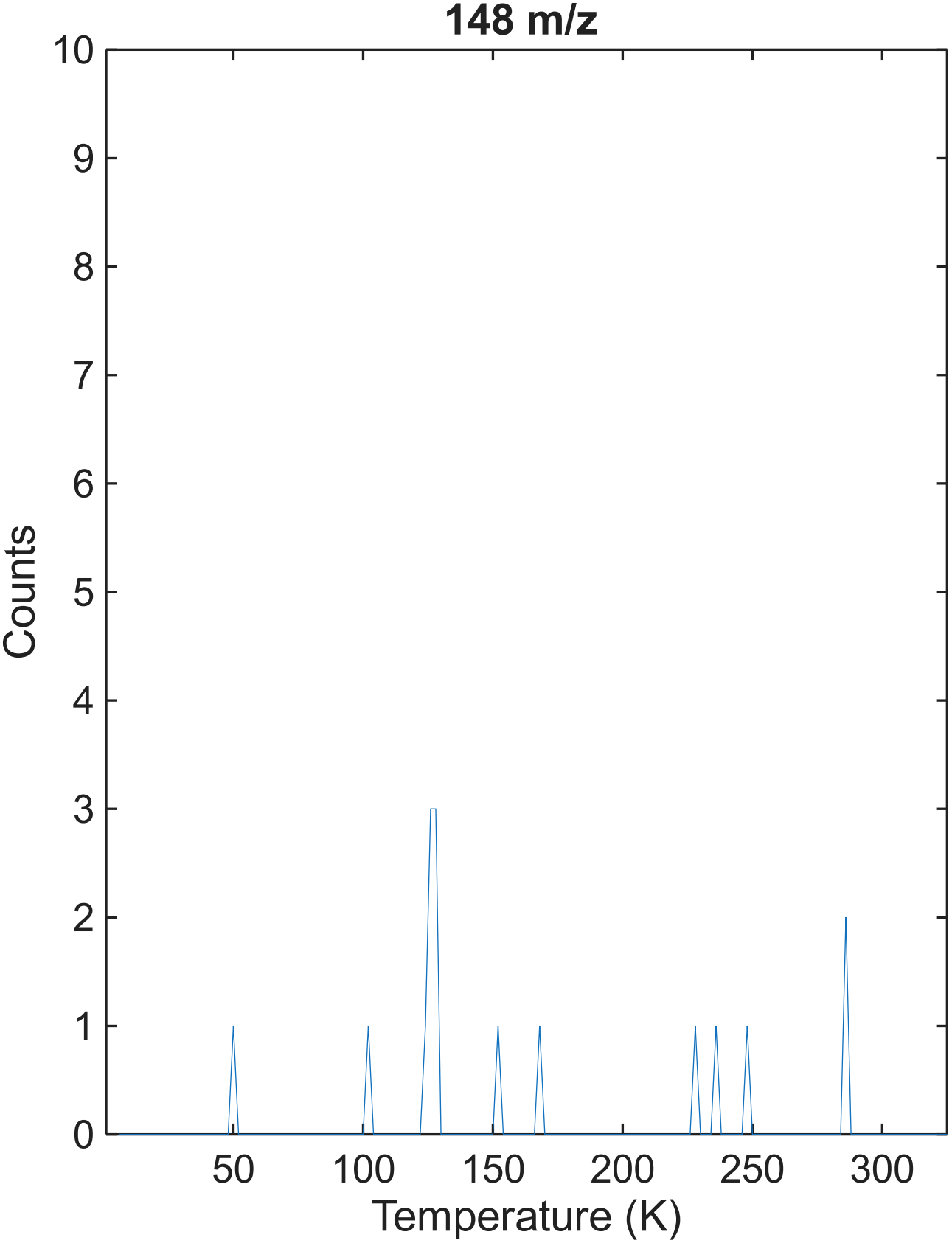
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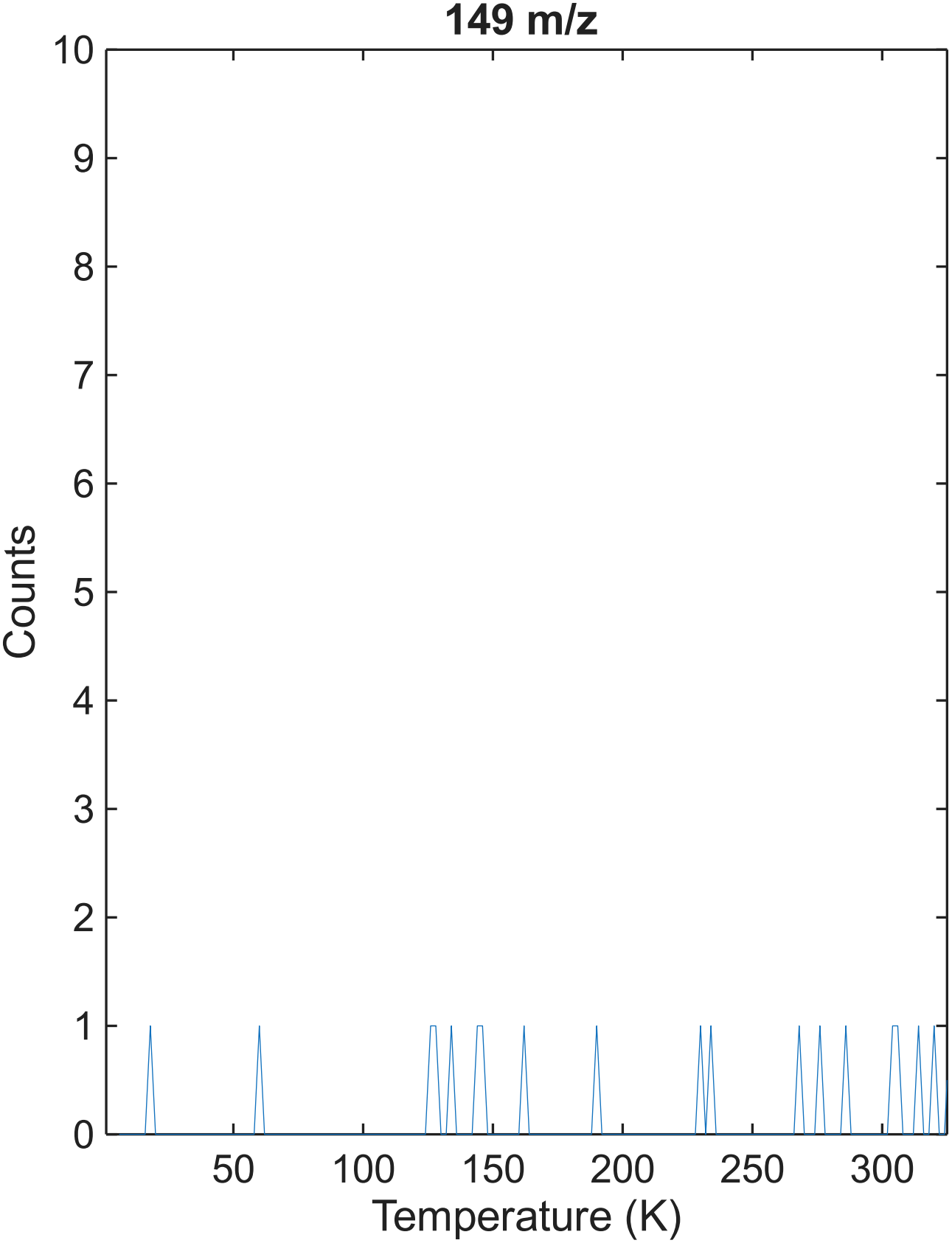
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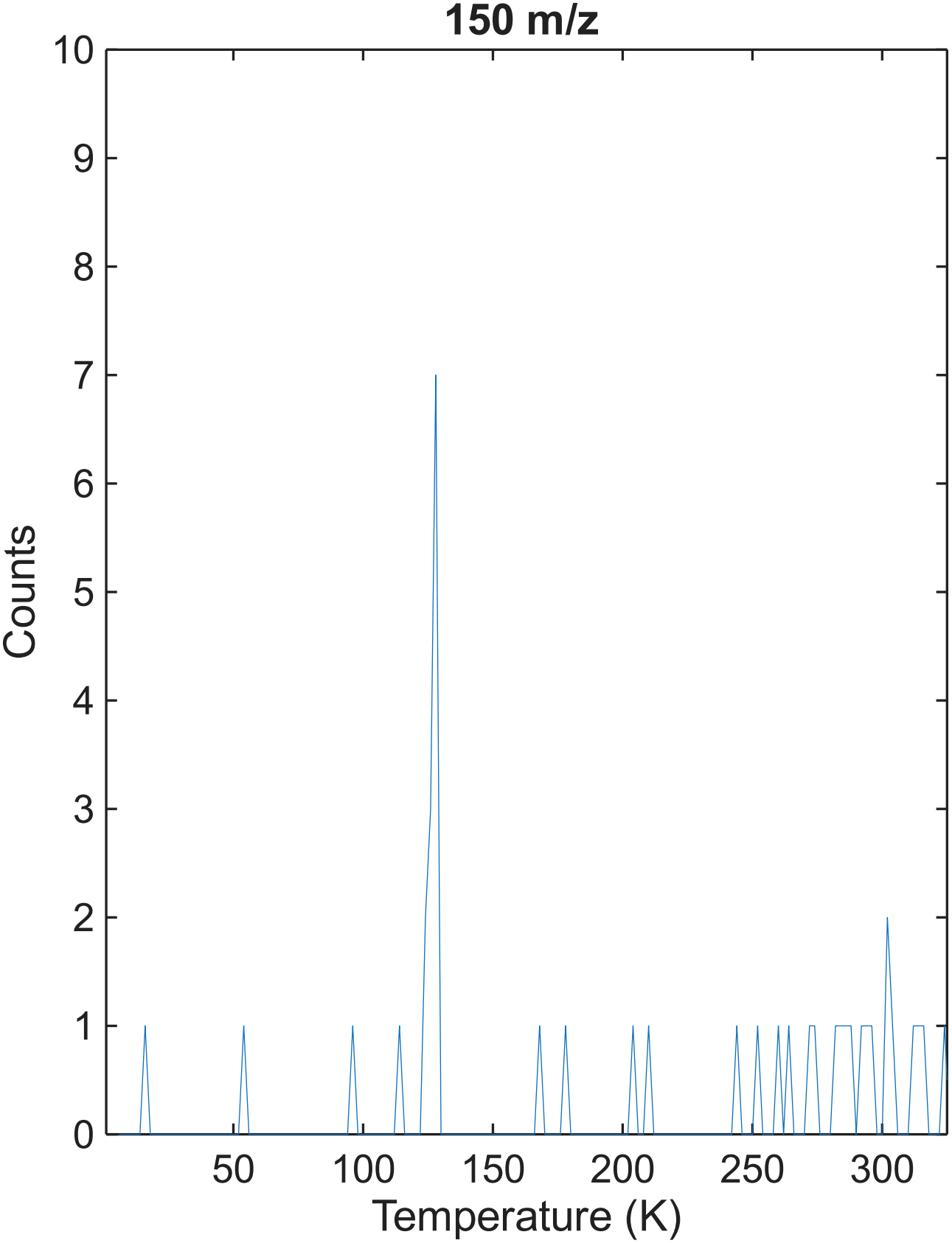
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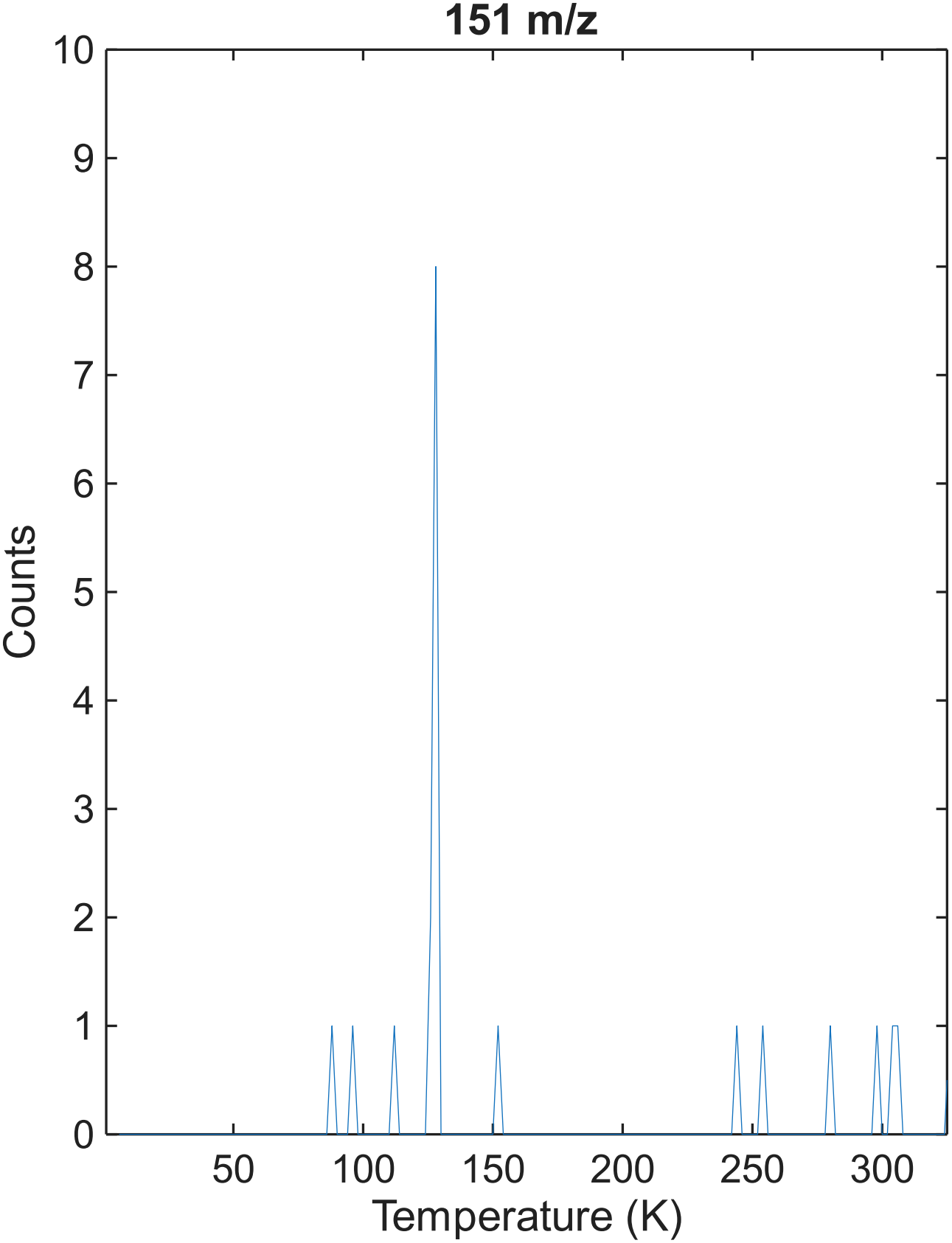
151 m/z
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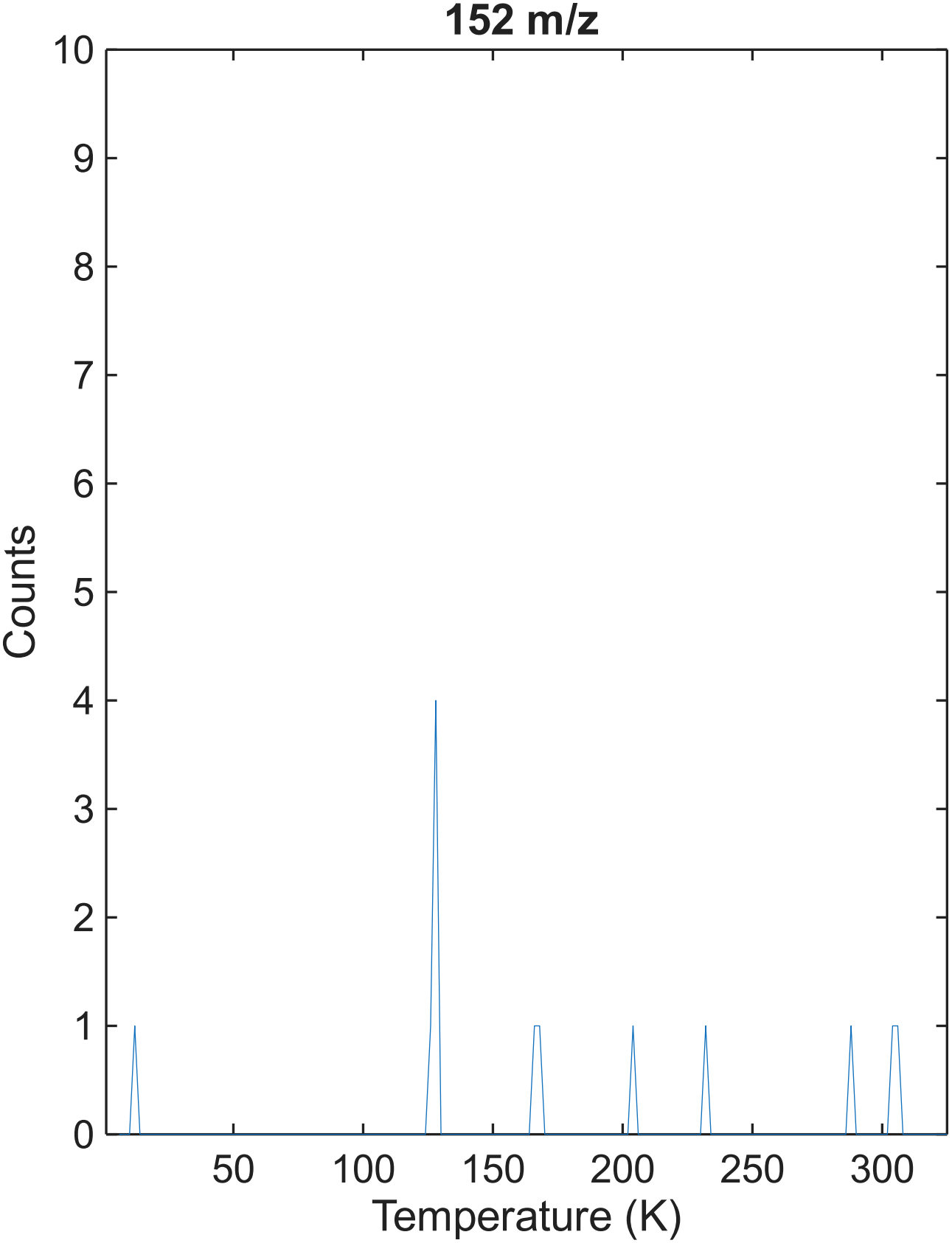
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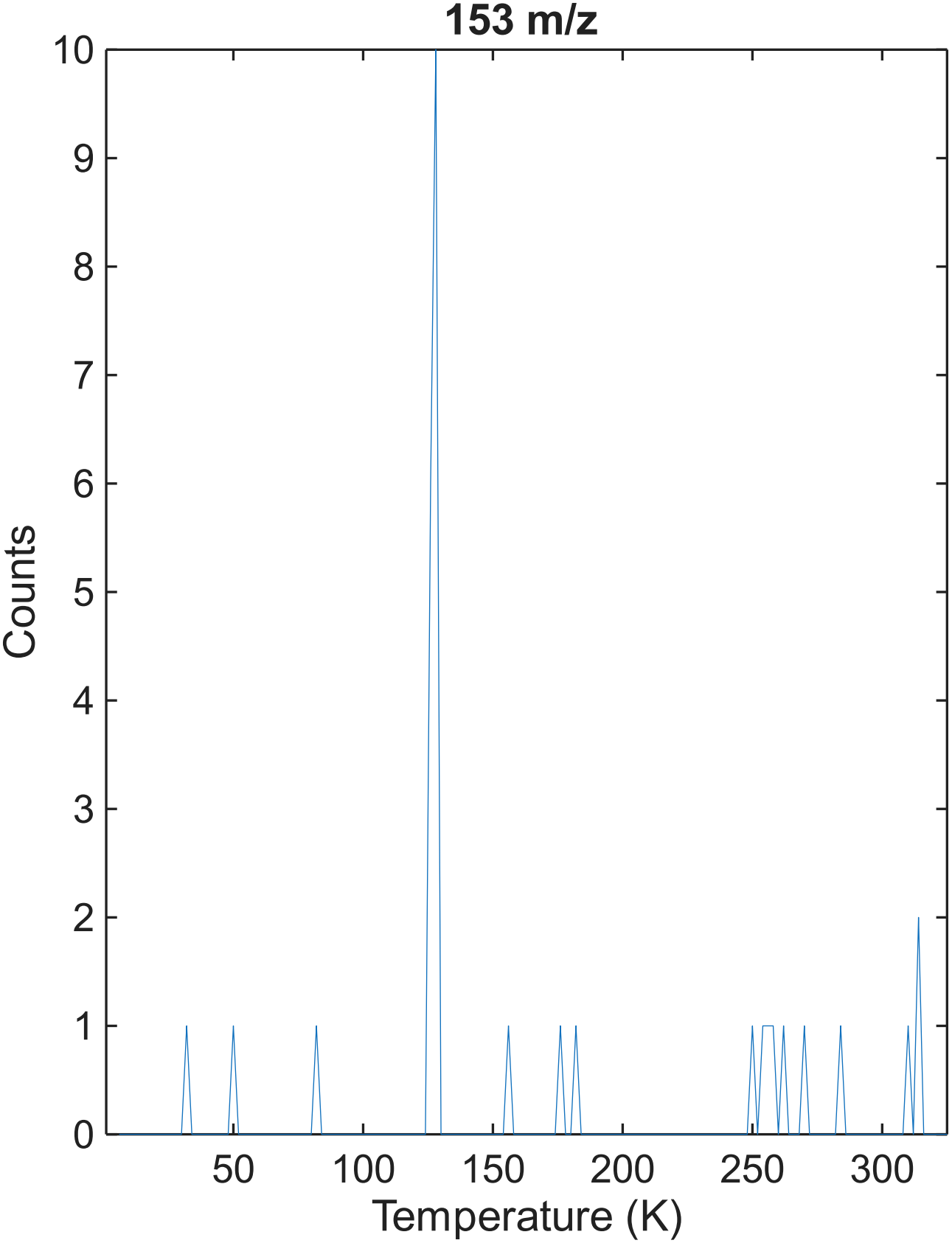
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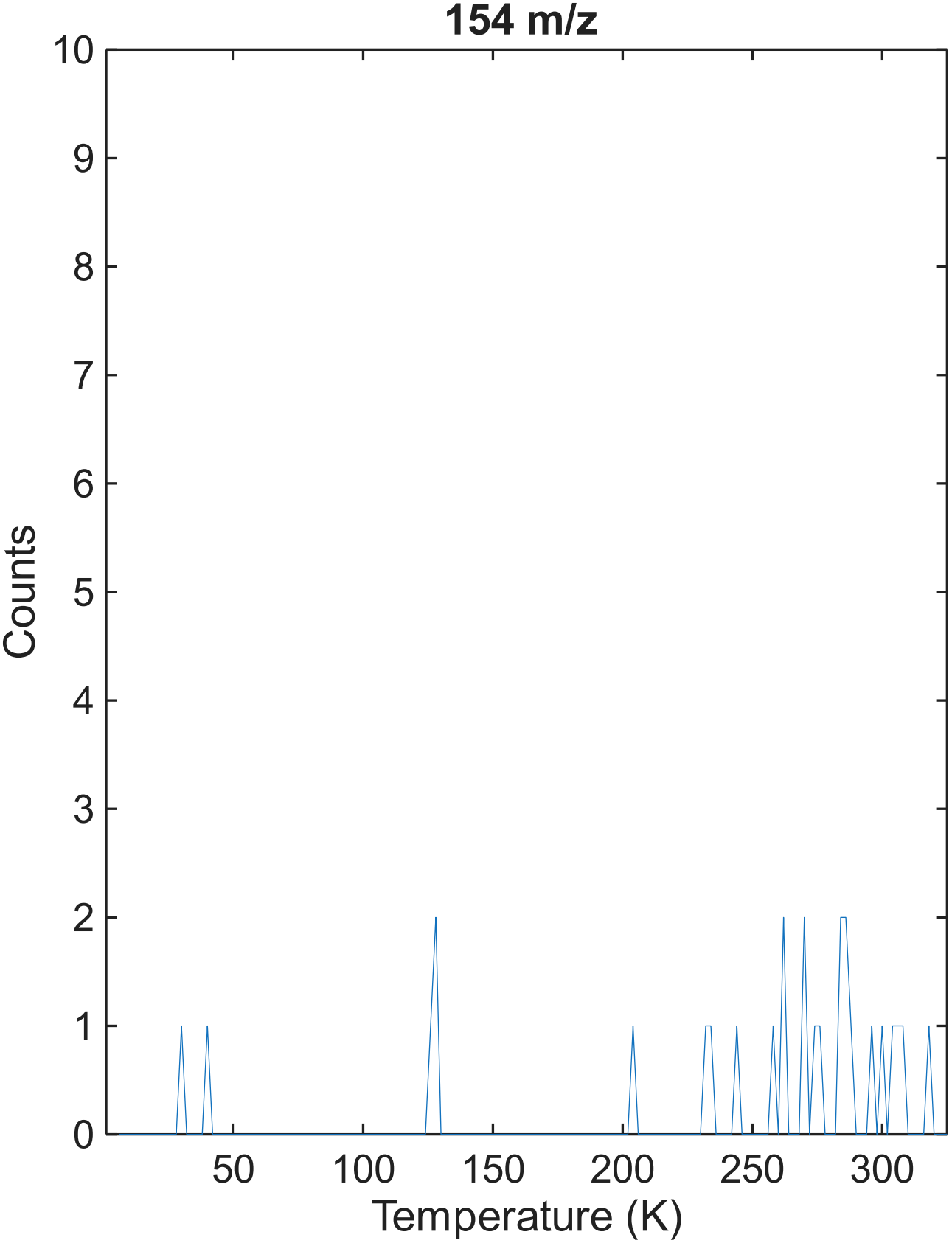
154 m/z
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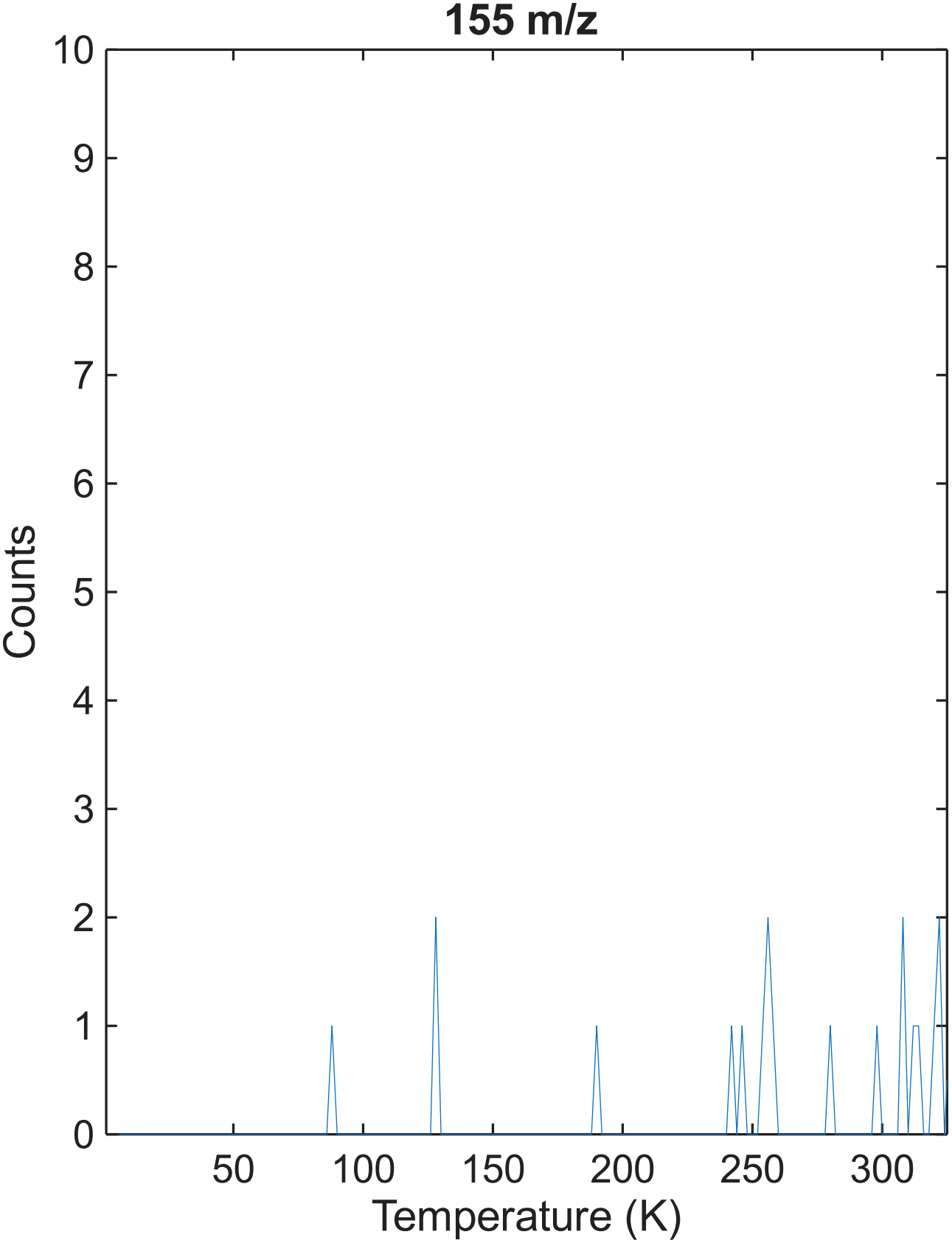
155 m/z
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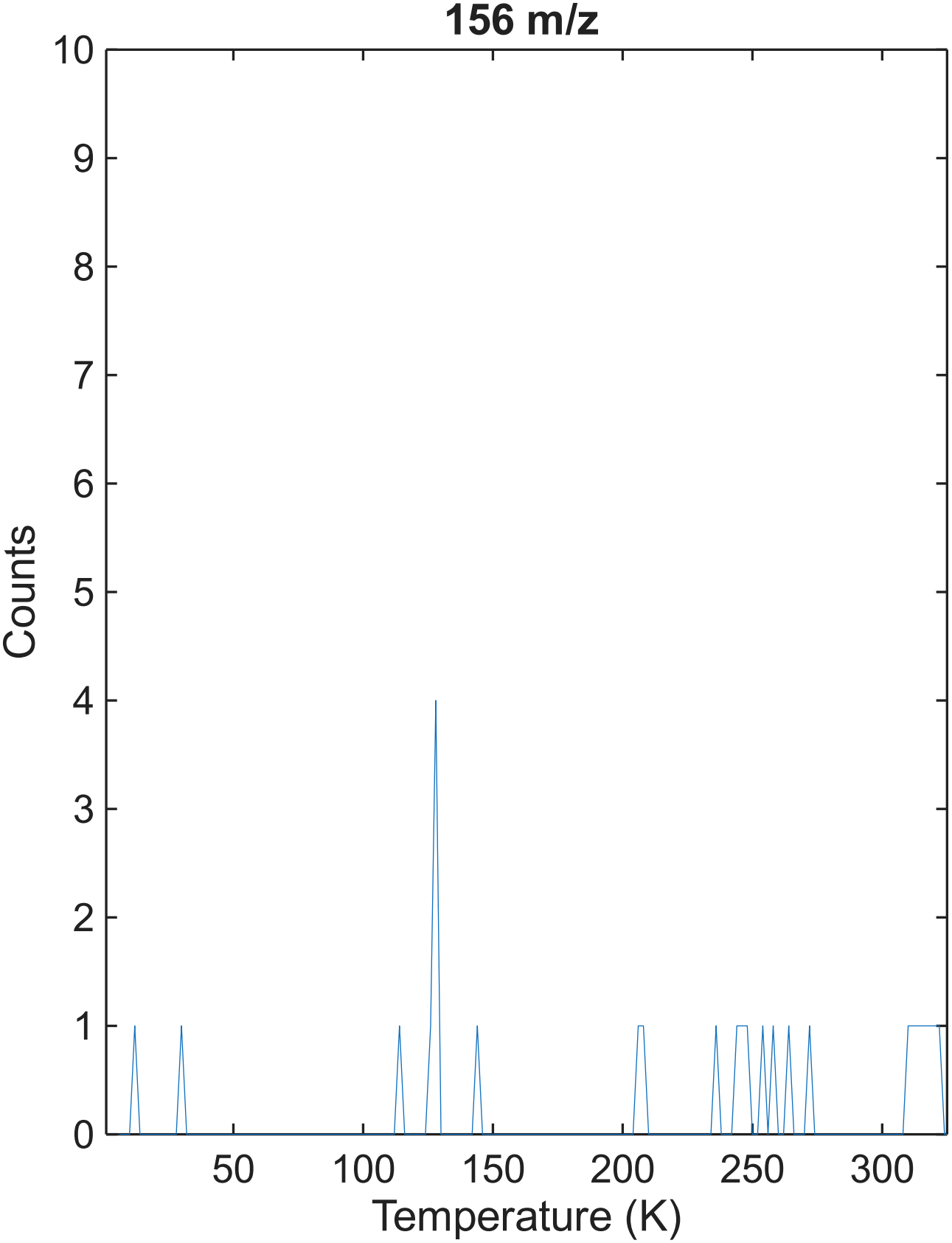
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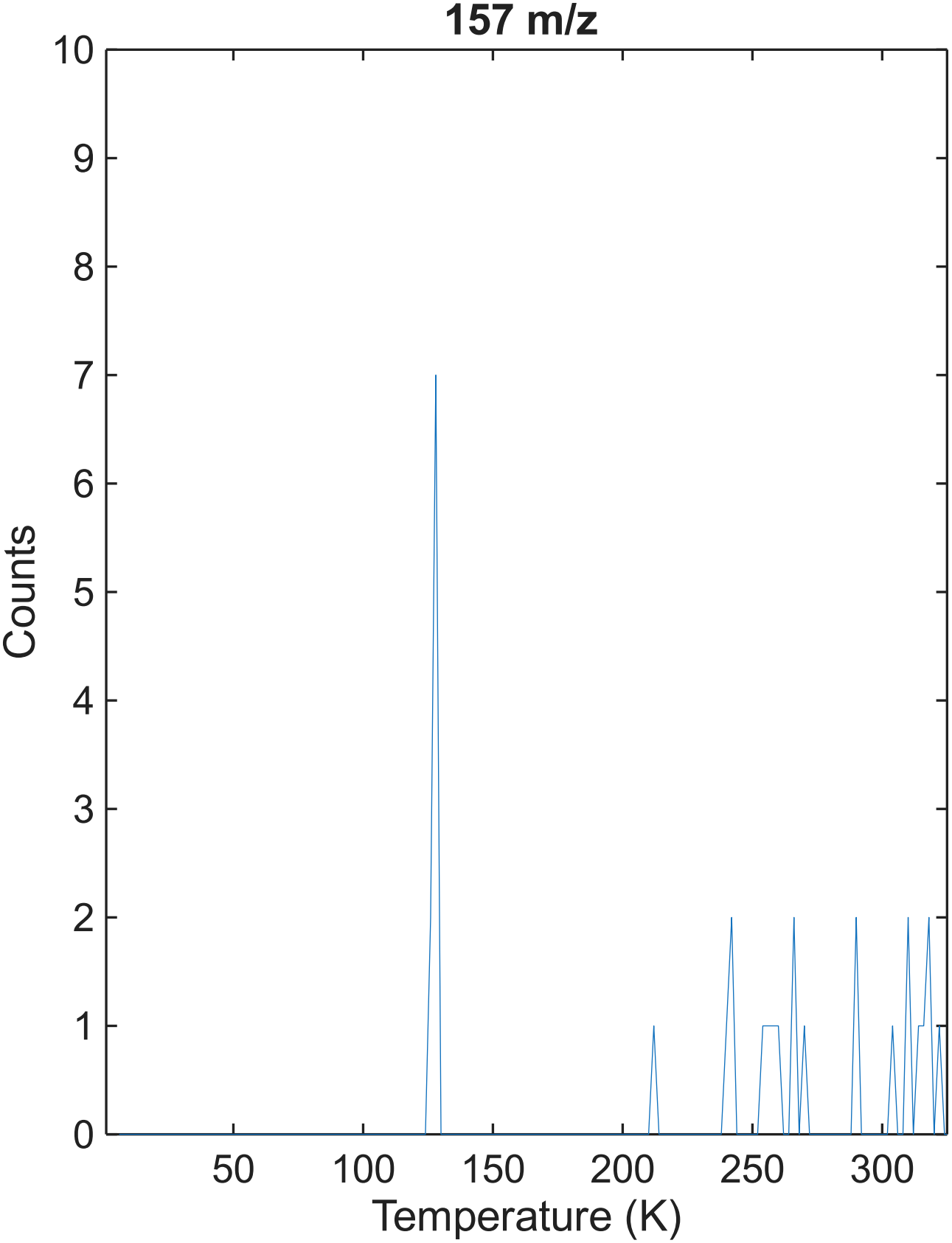
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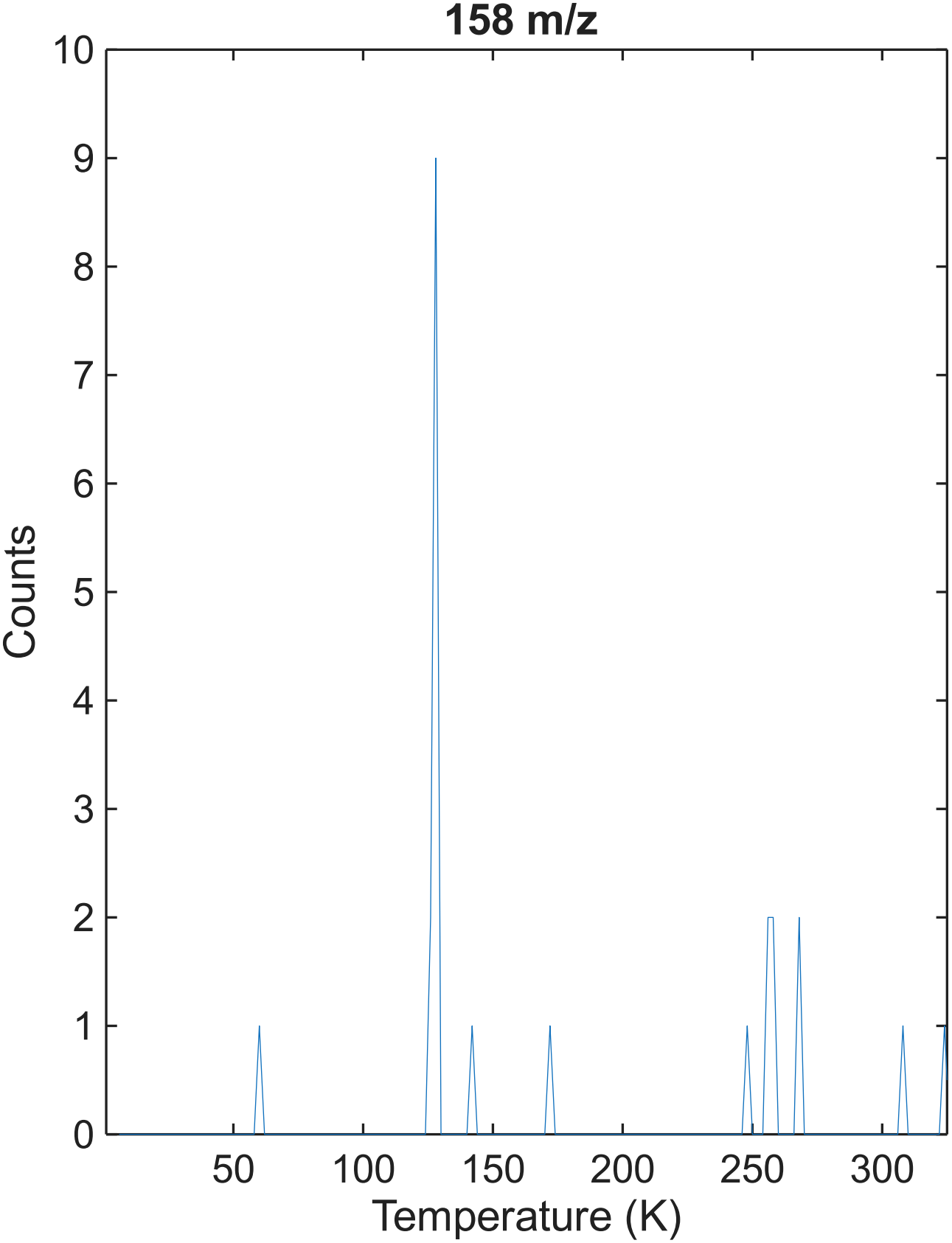
158 m/z
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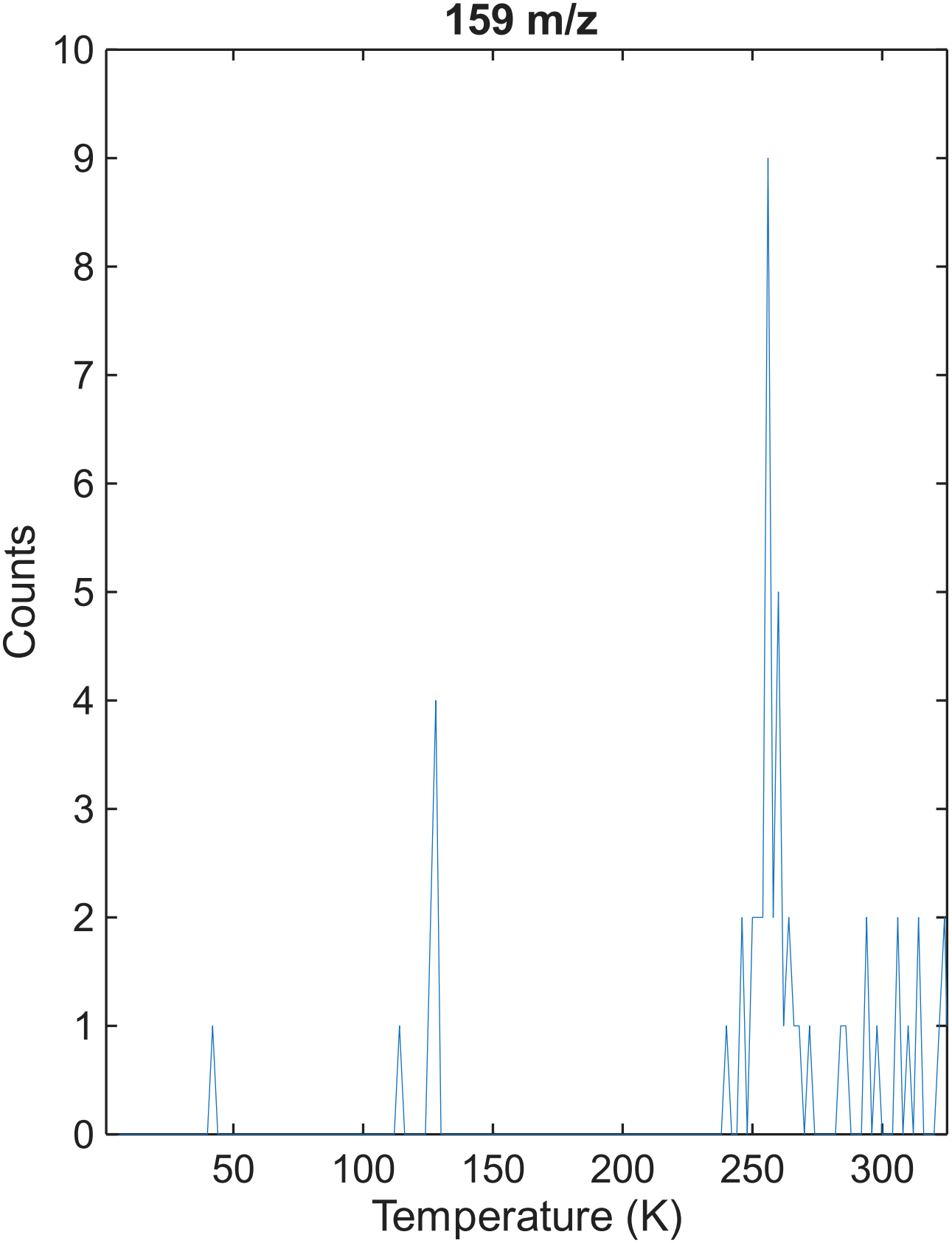
159 m/z
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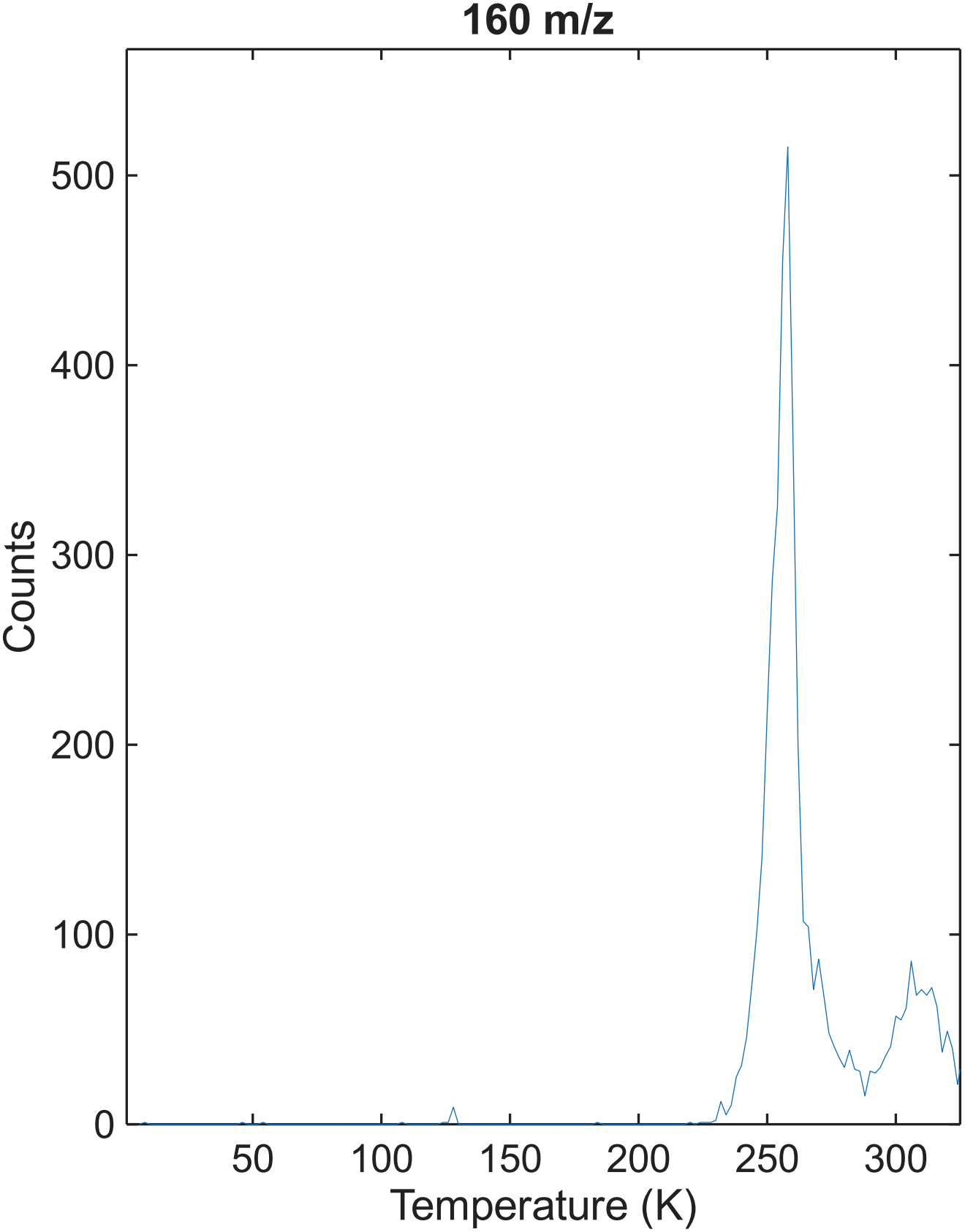
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Counts
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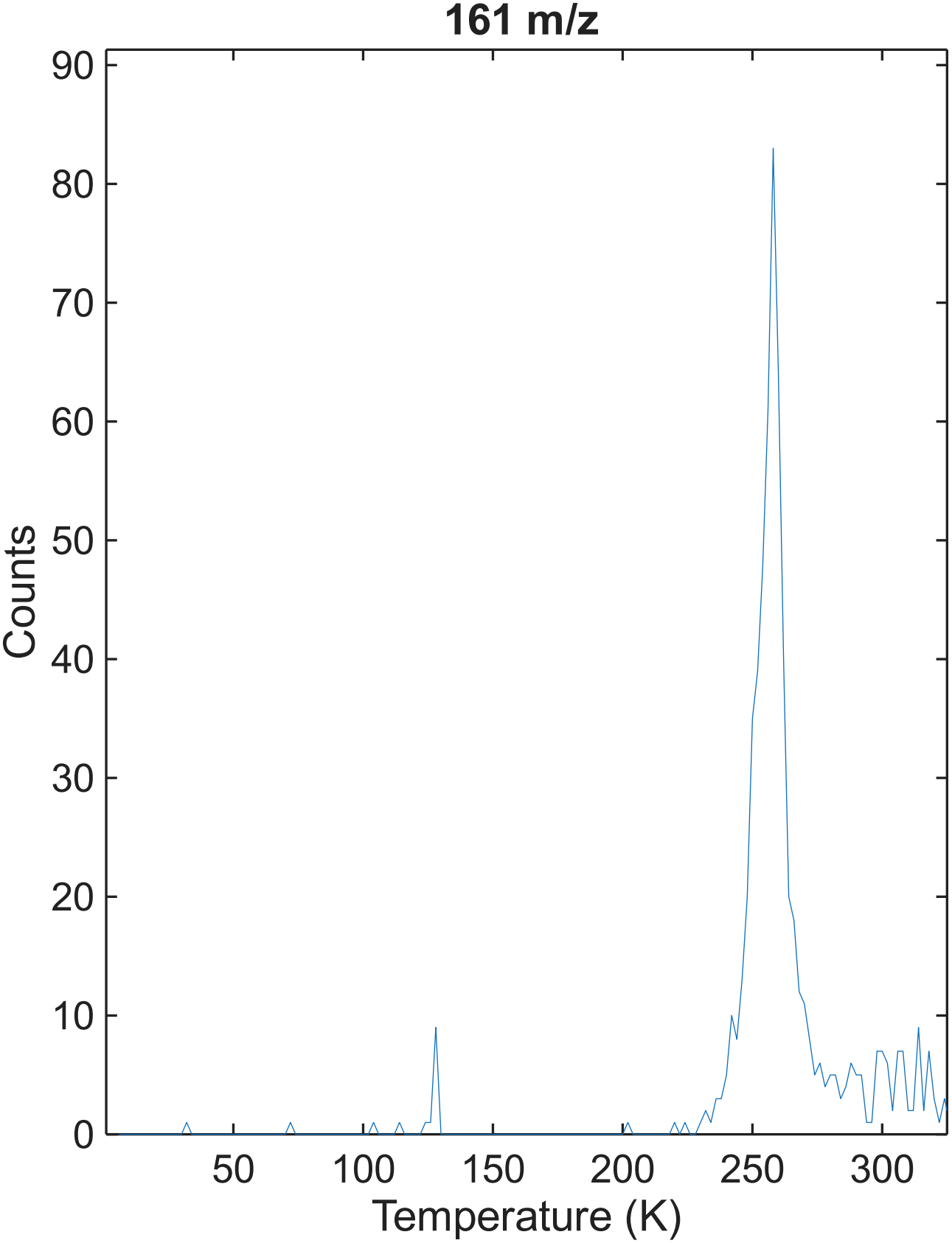
Temperature (K)


161 m/z
Counts
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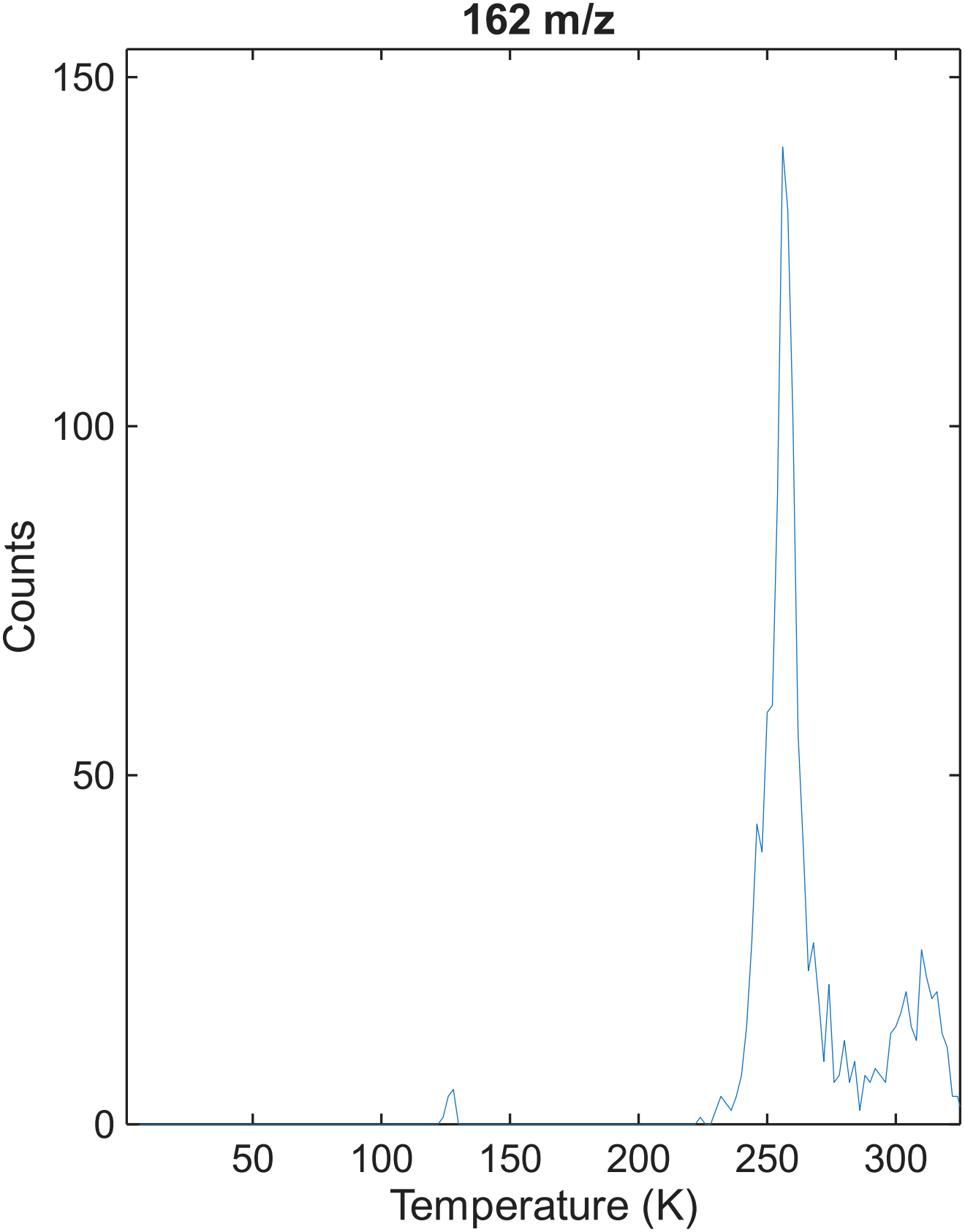
162 m/z
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Counts
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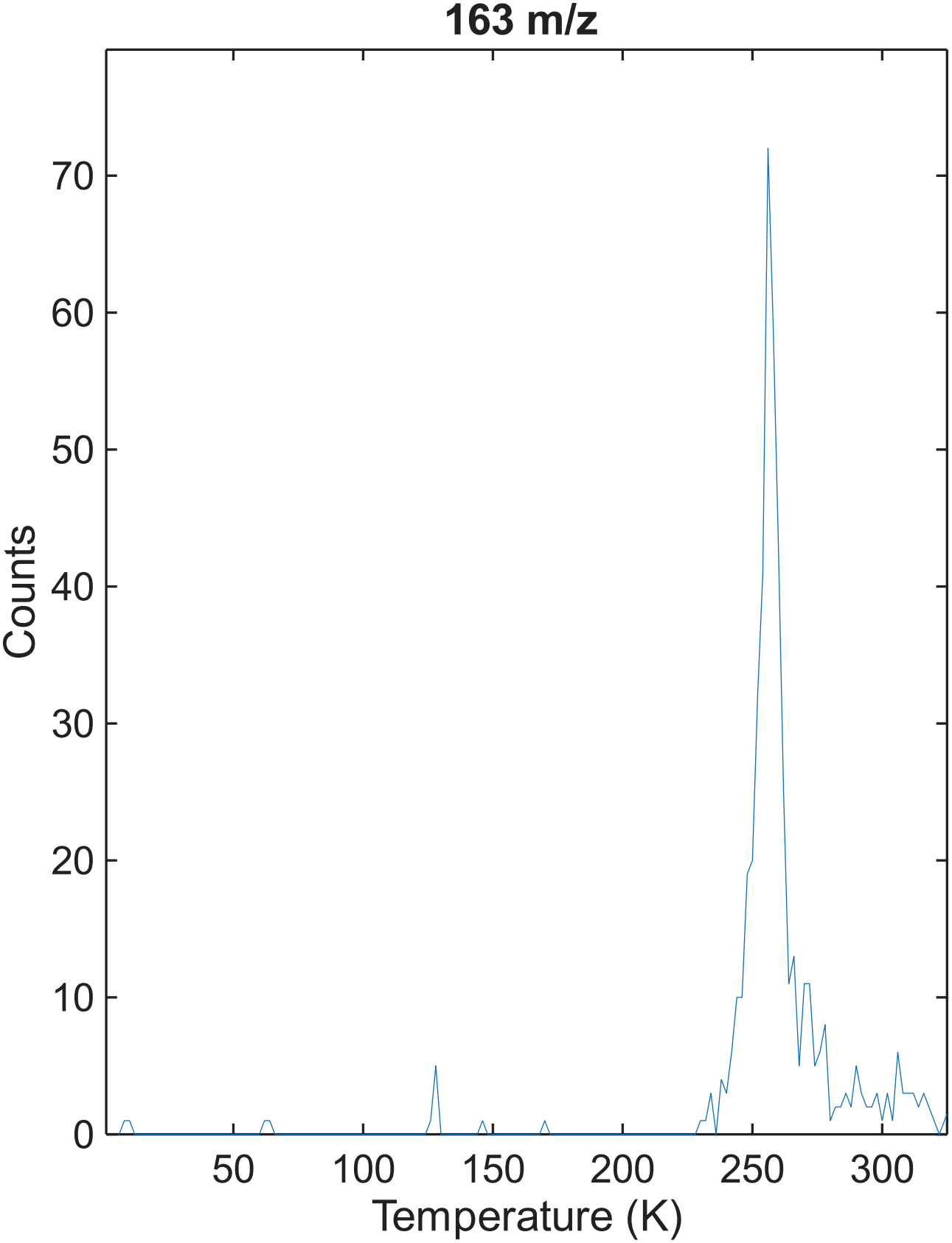
Temperature (K)


163 m/z
Counts
Temperature (K)
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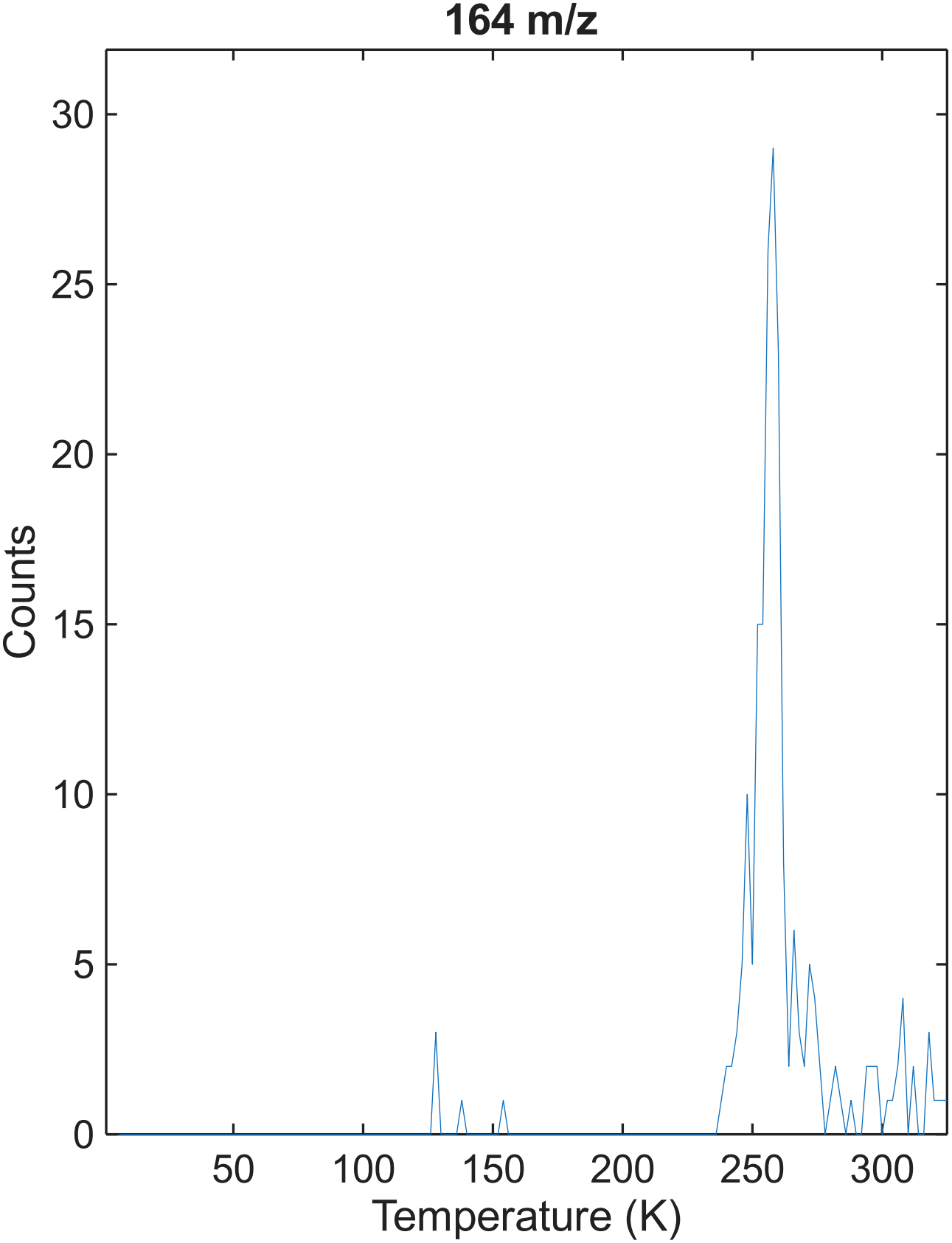
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Counts
Temperature (K)
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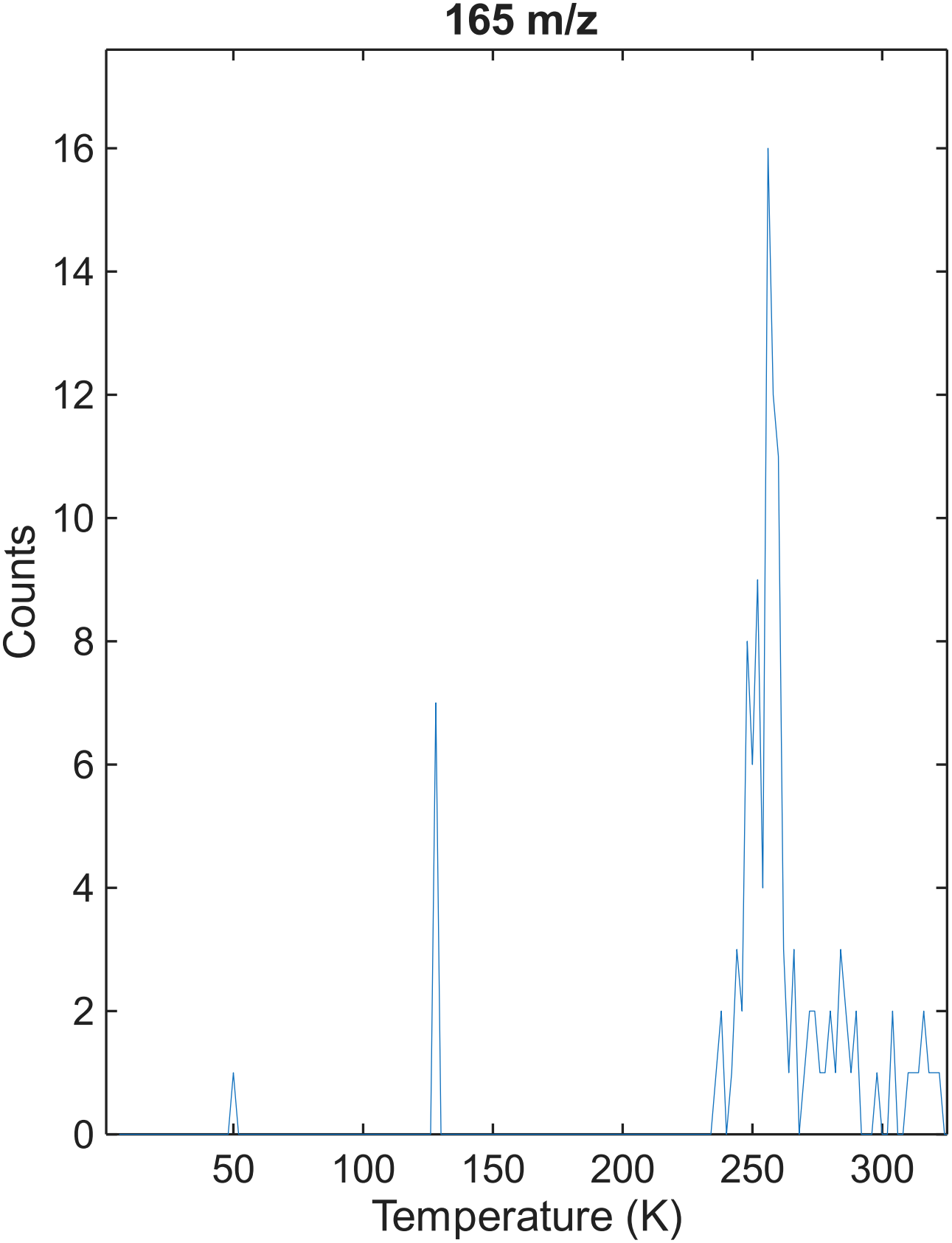
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Counts
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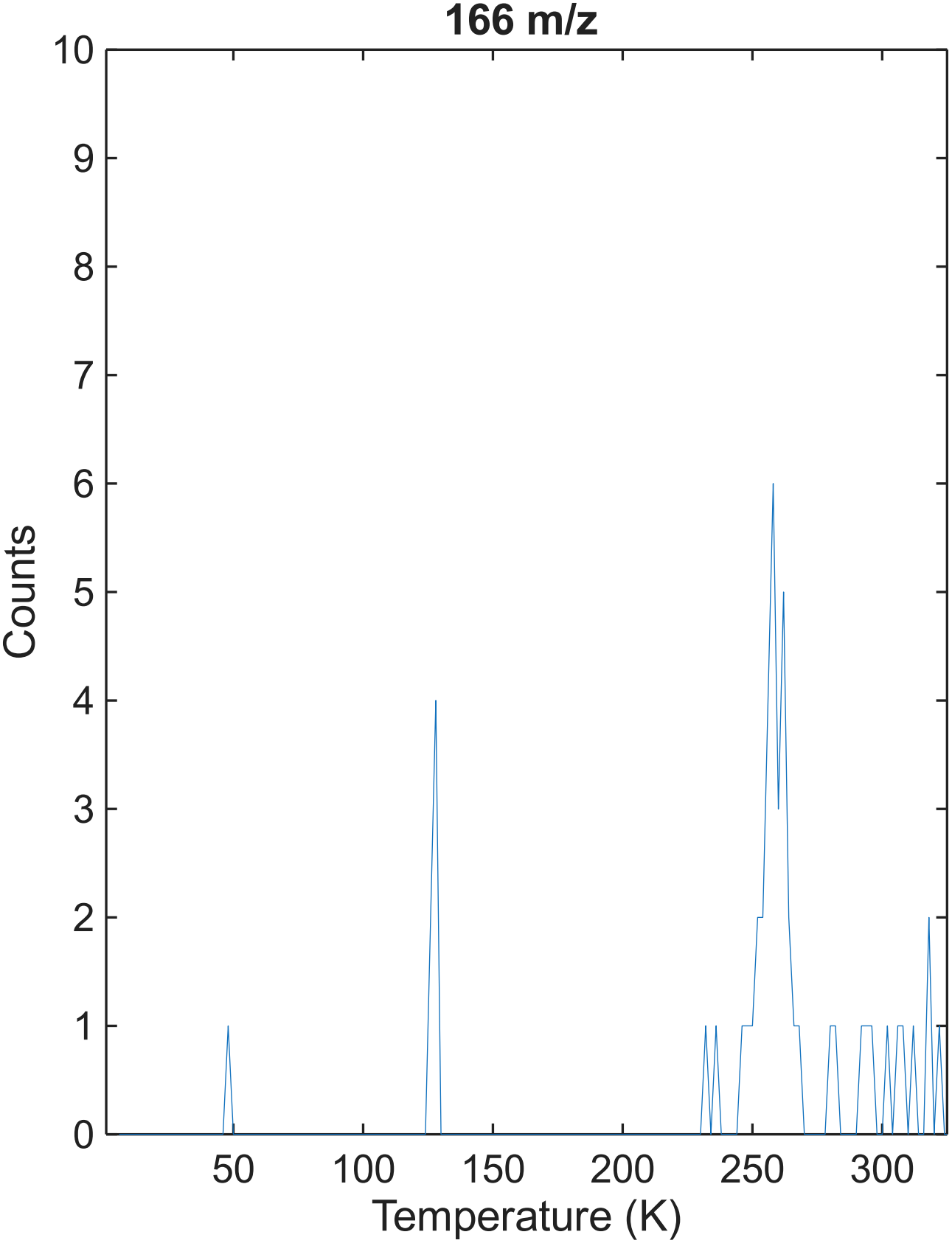
166 m/z
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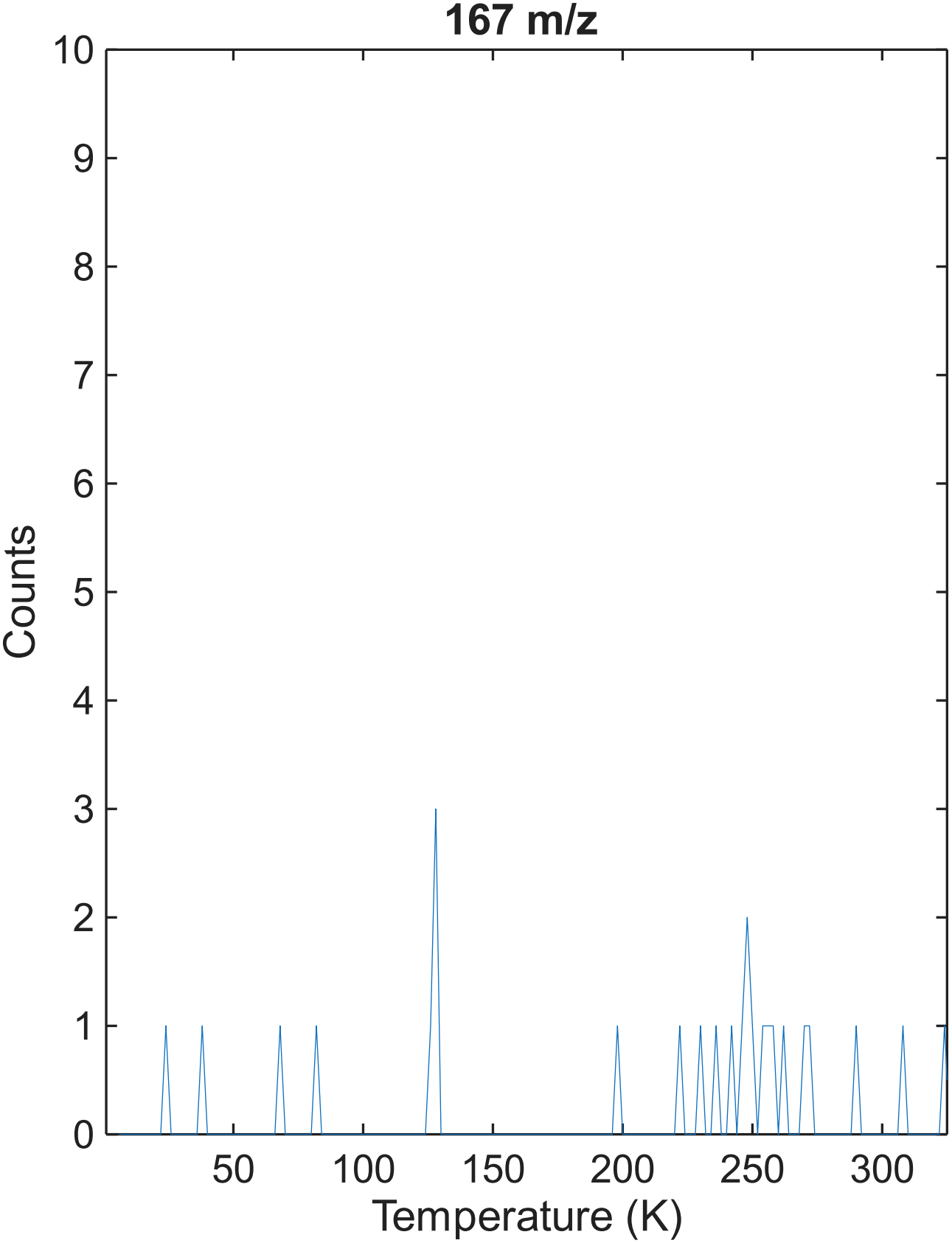
167 m/z
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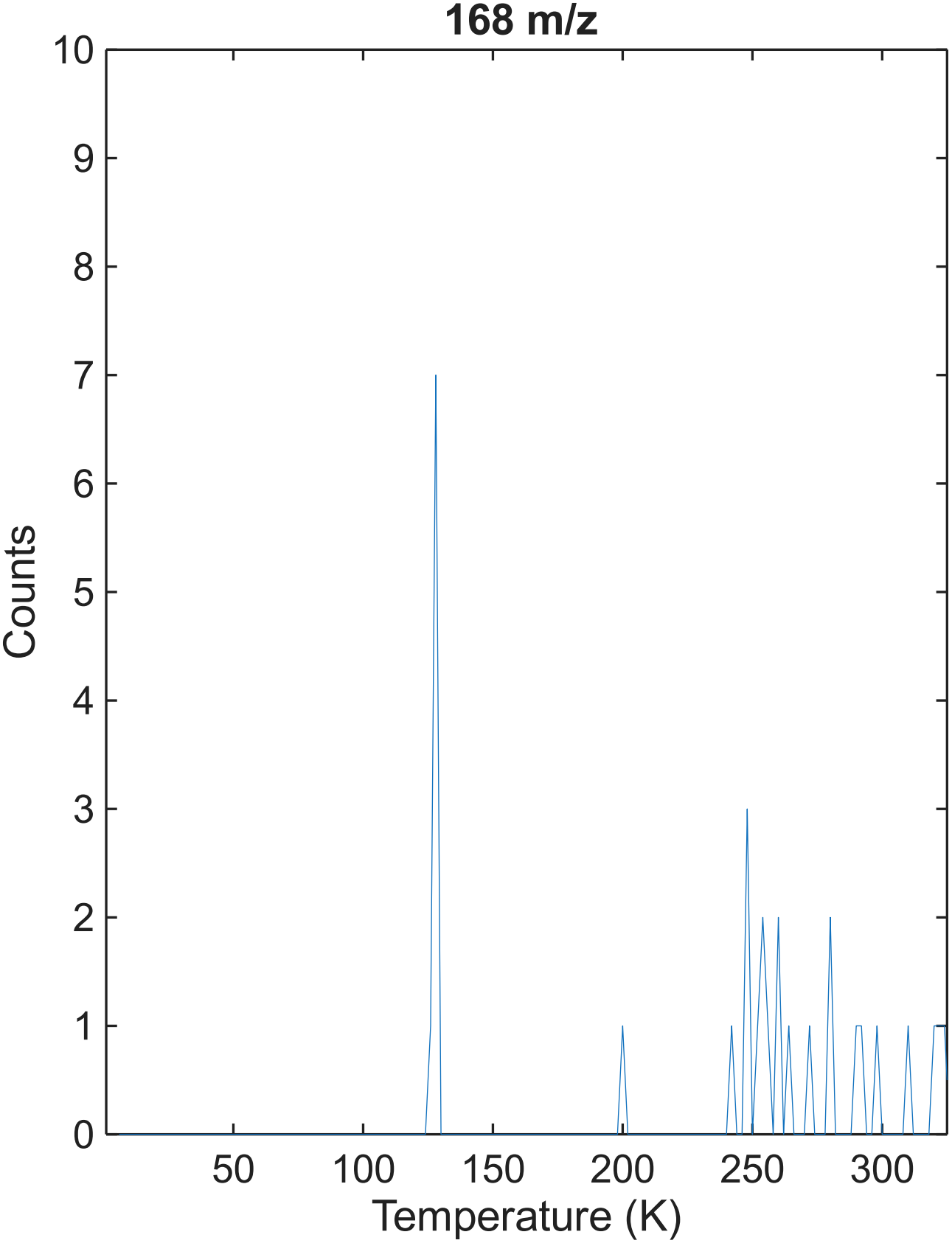
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Counts
Temperature (K)
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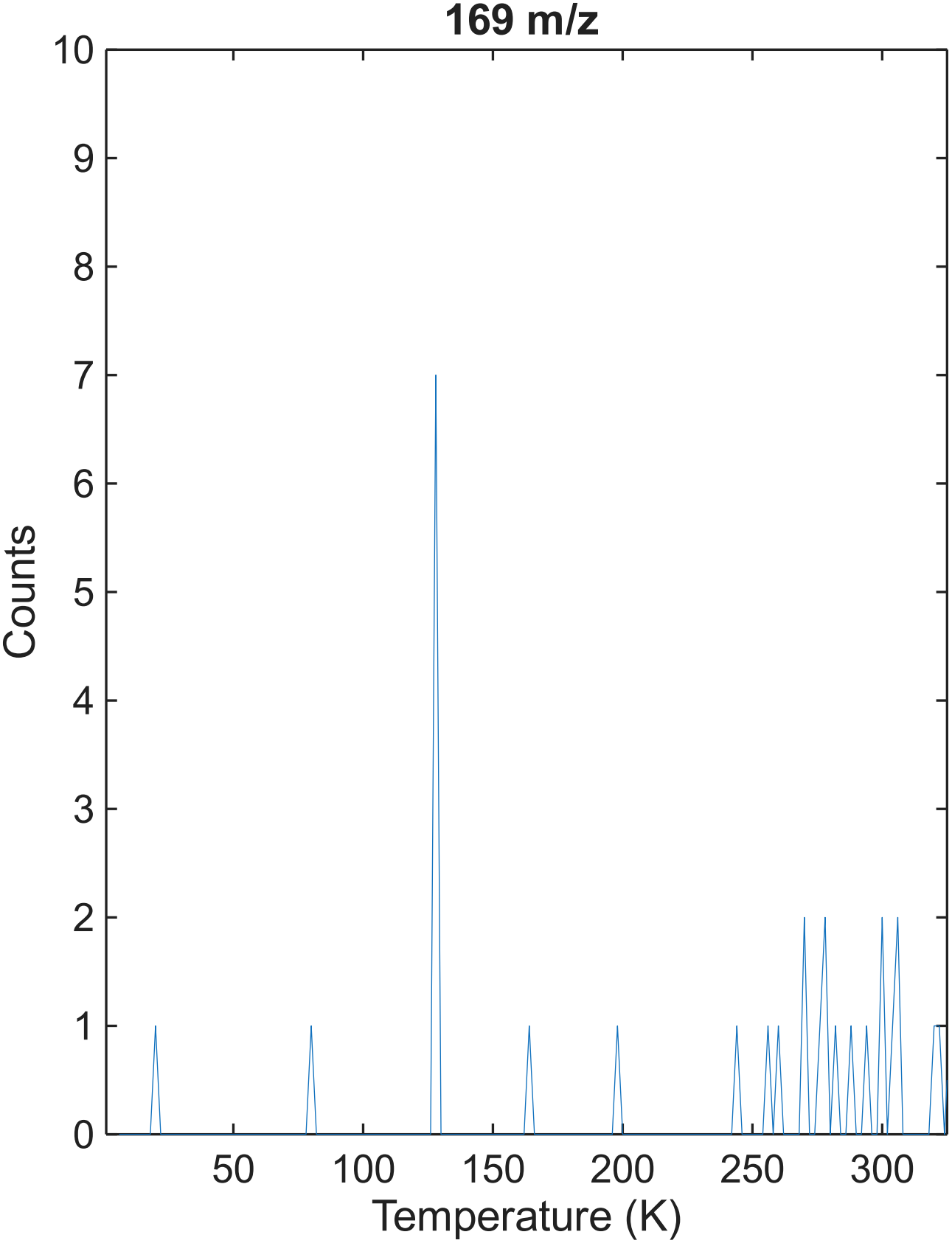
169 m/z
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Temperature (K)
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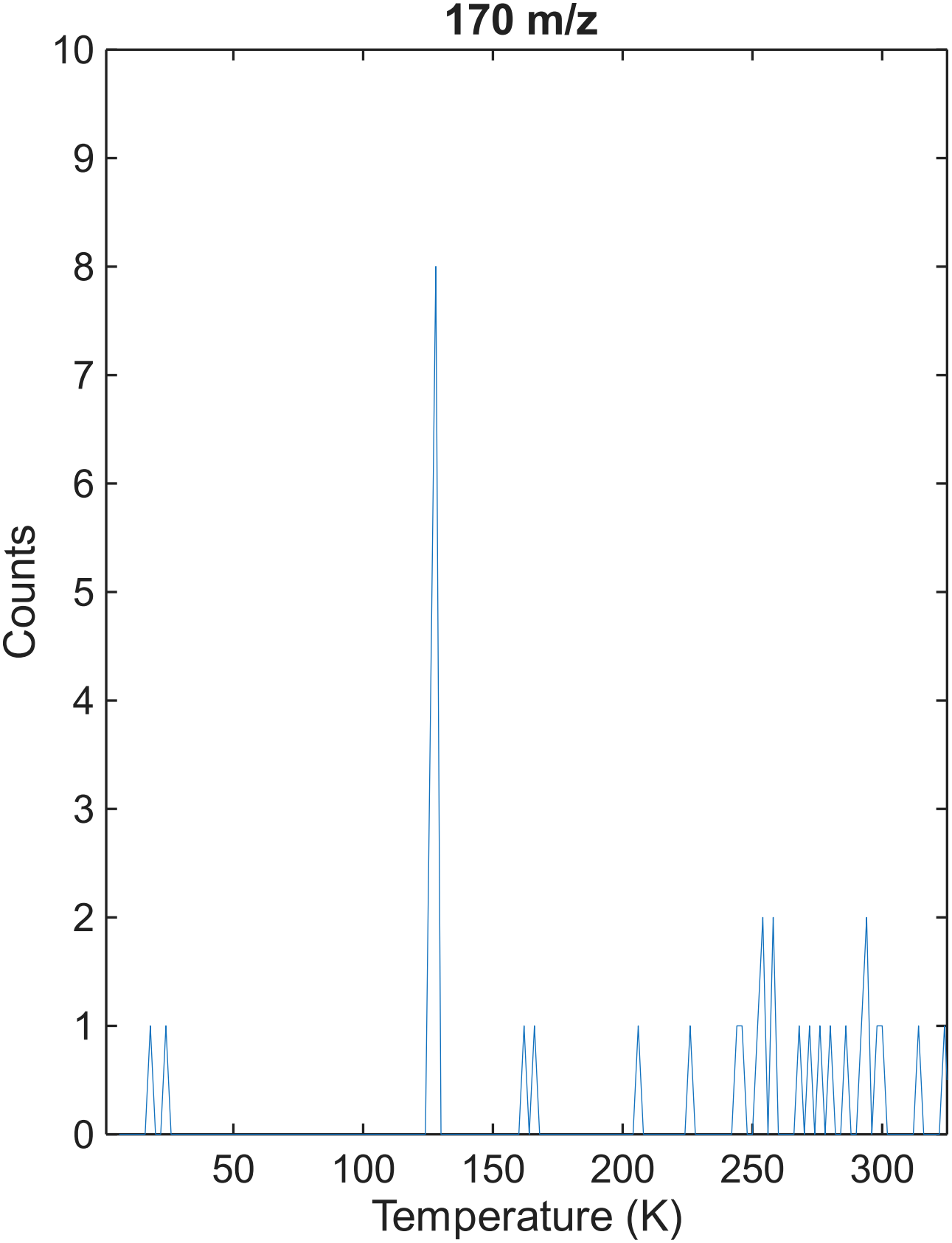
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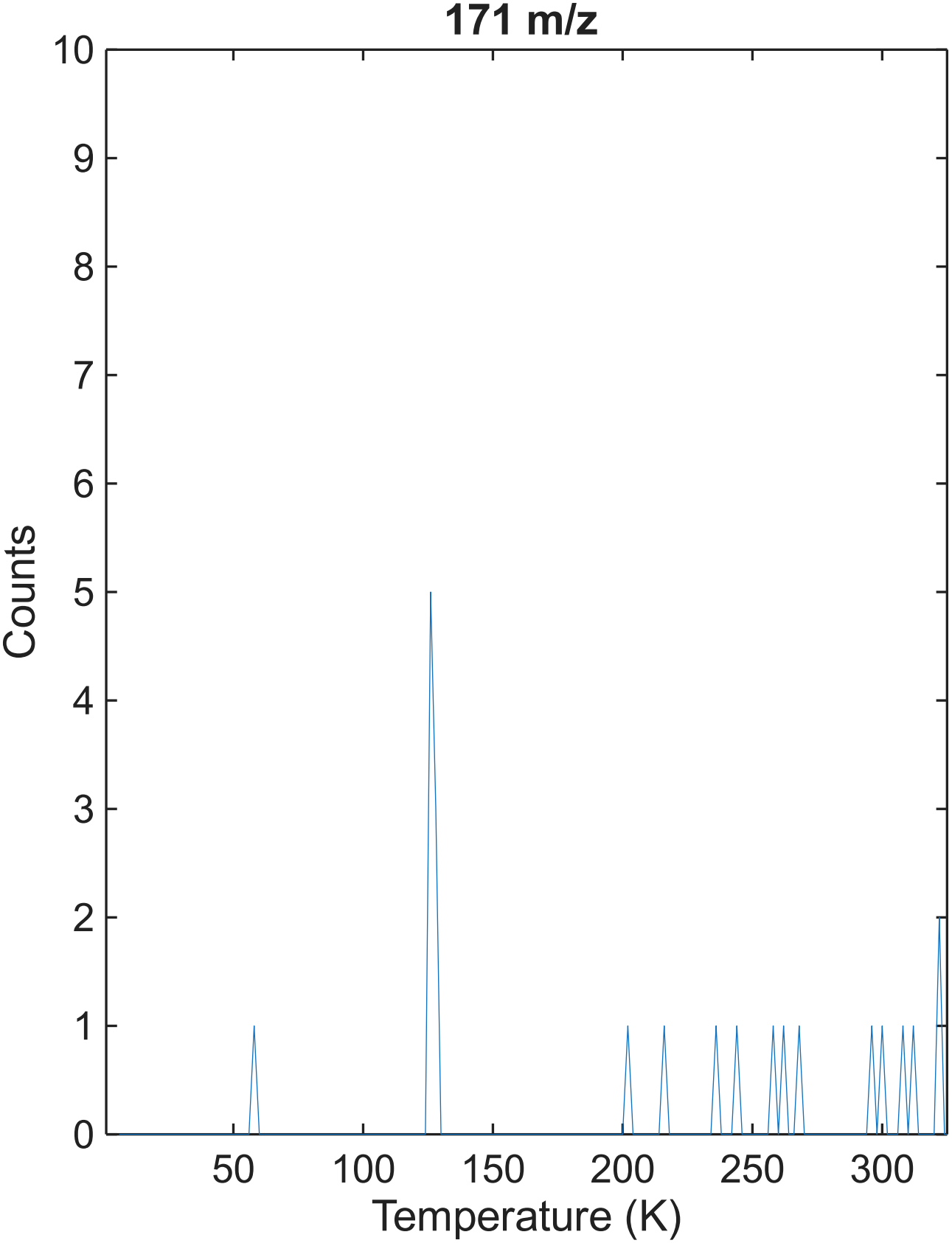
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Counts
Temperature (K)
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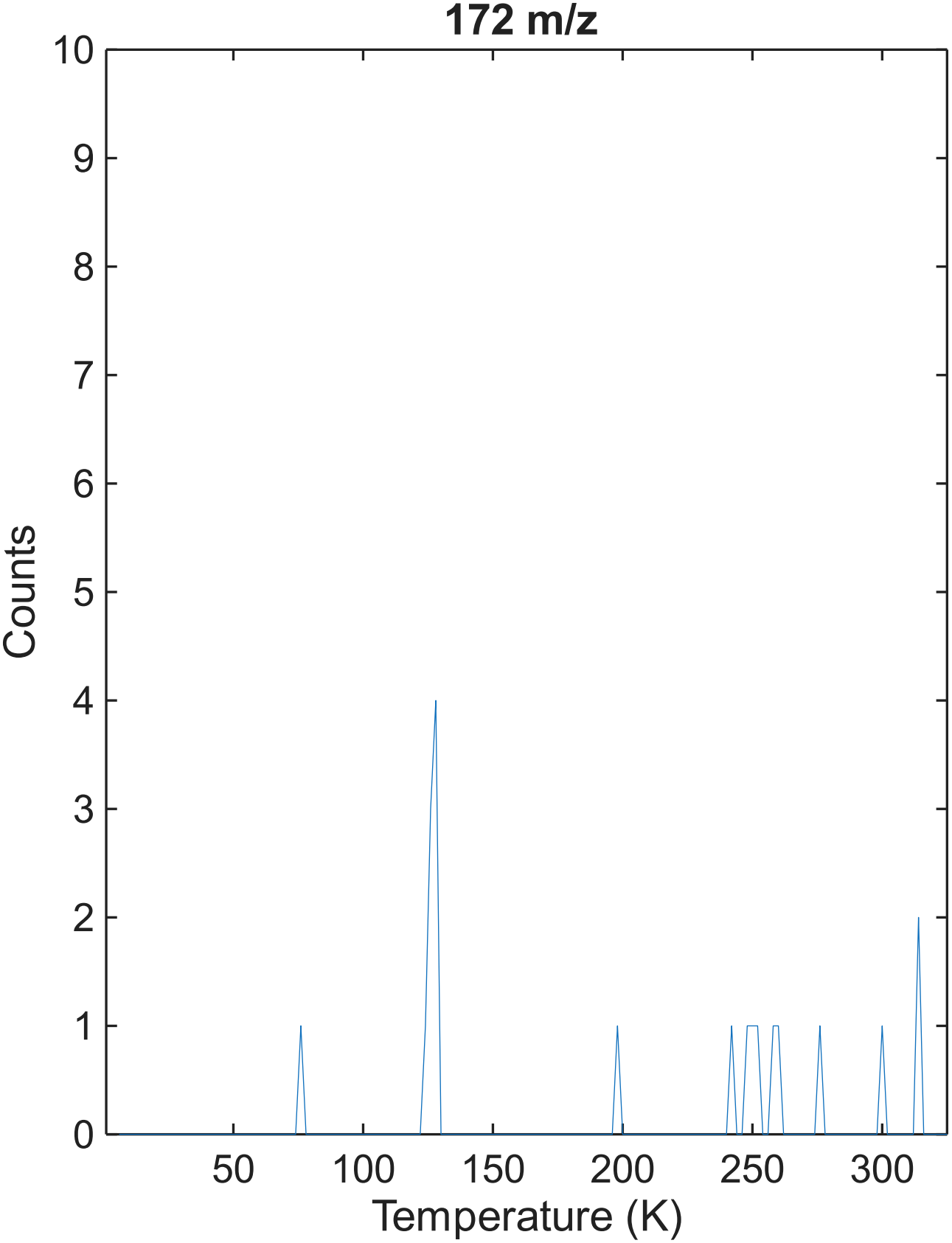
172 m/z
Counts
Temperature (K)
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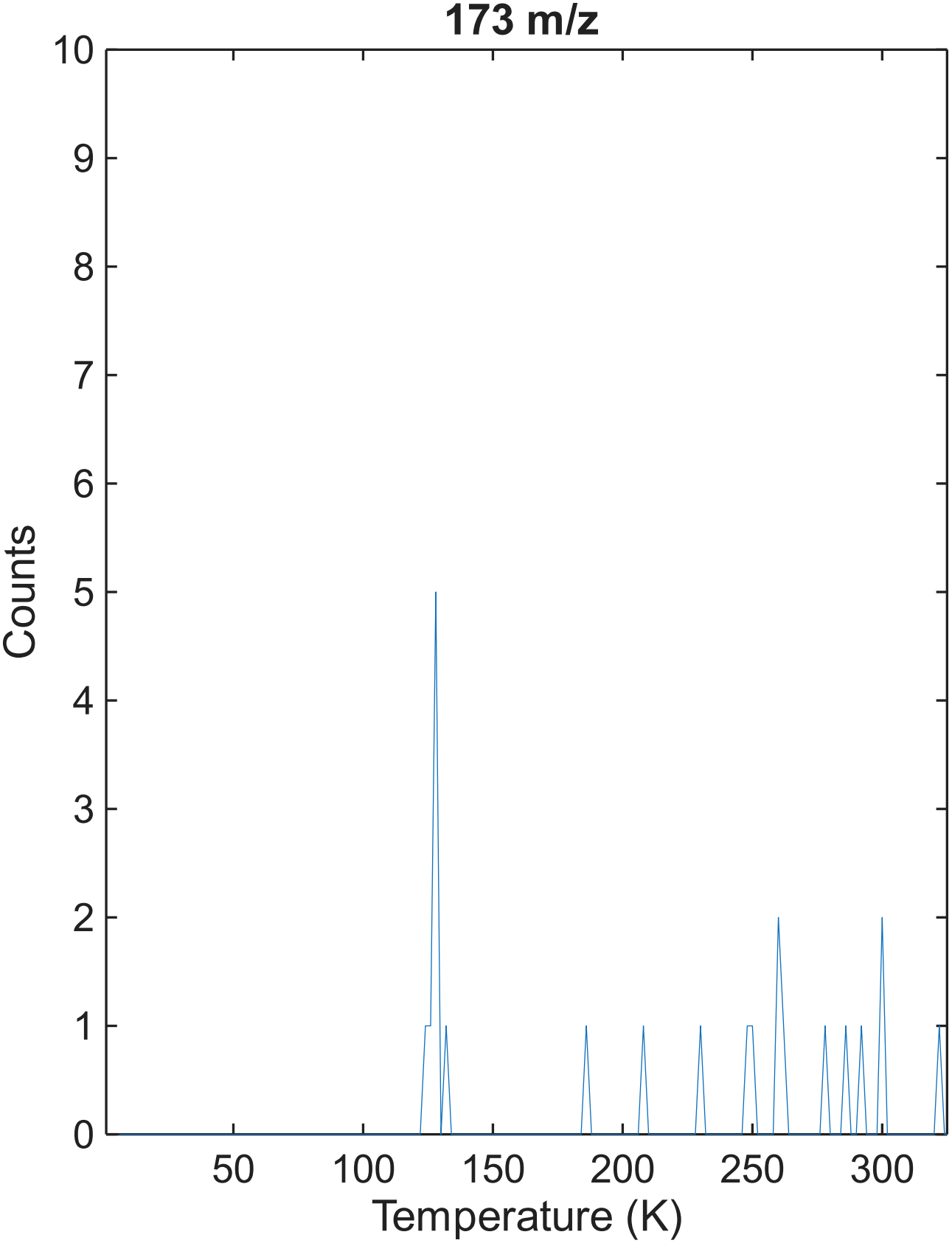
173 m/z
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Temperature (K)
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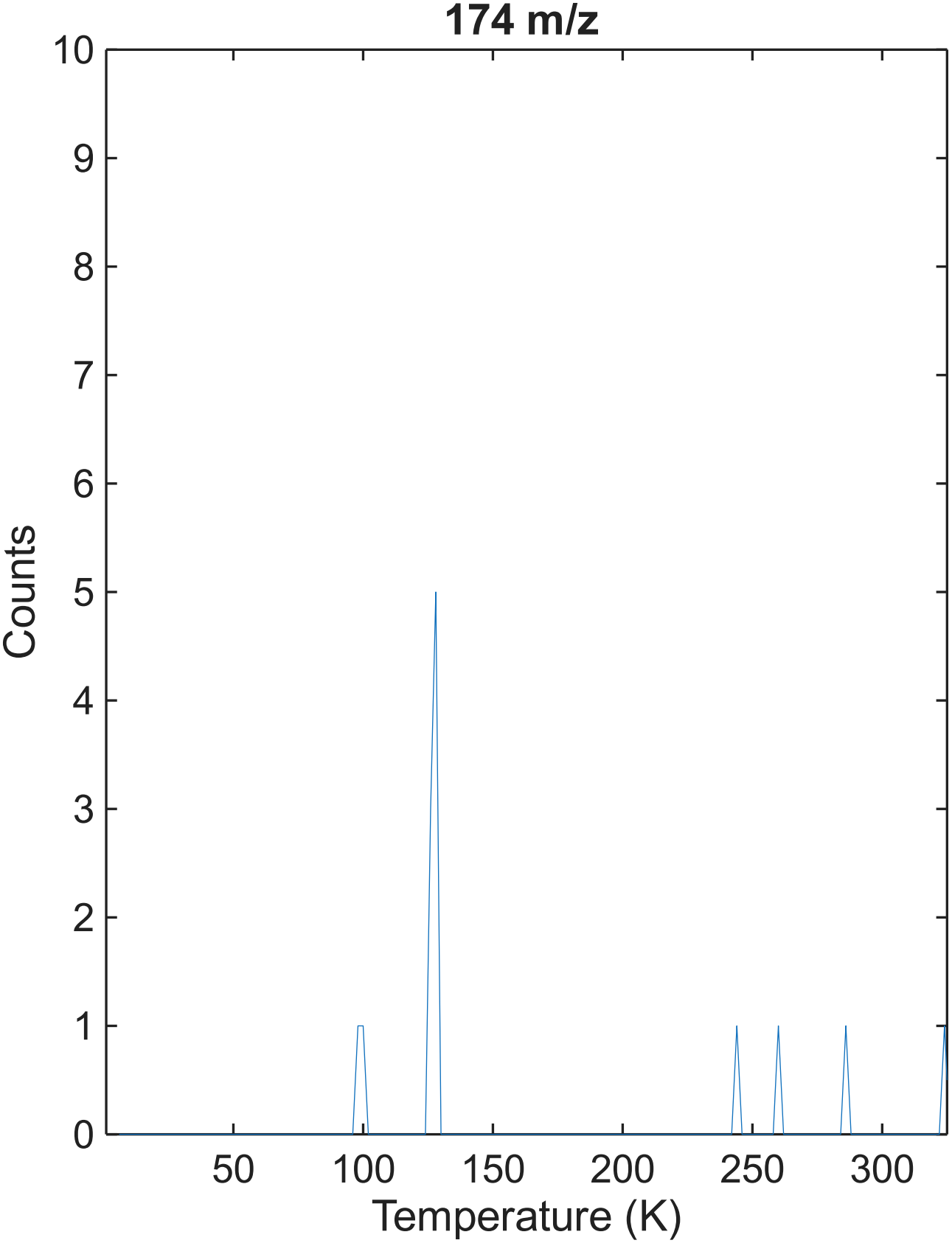
174 m/z
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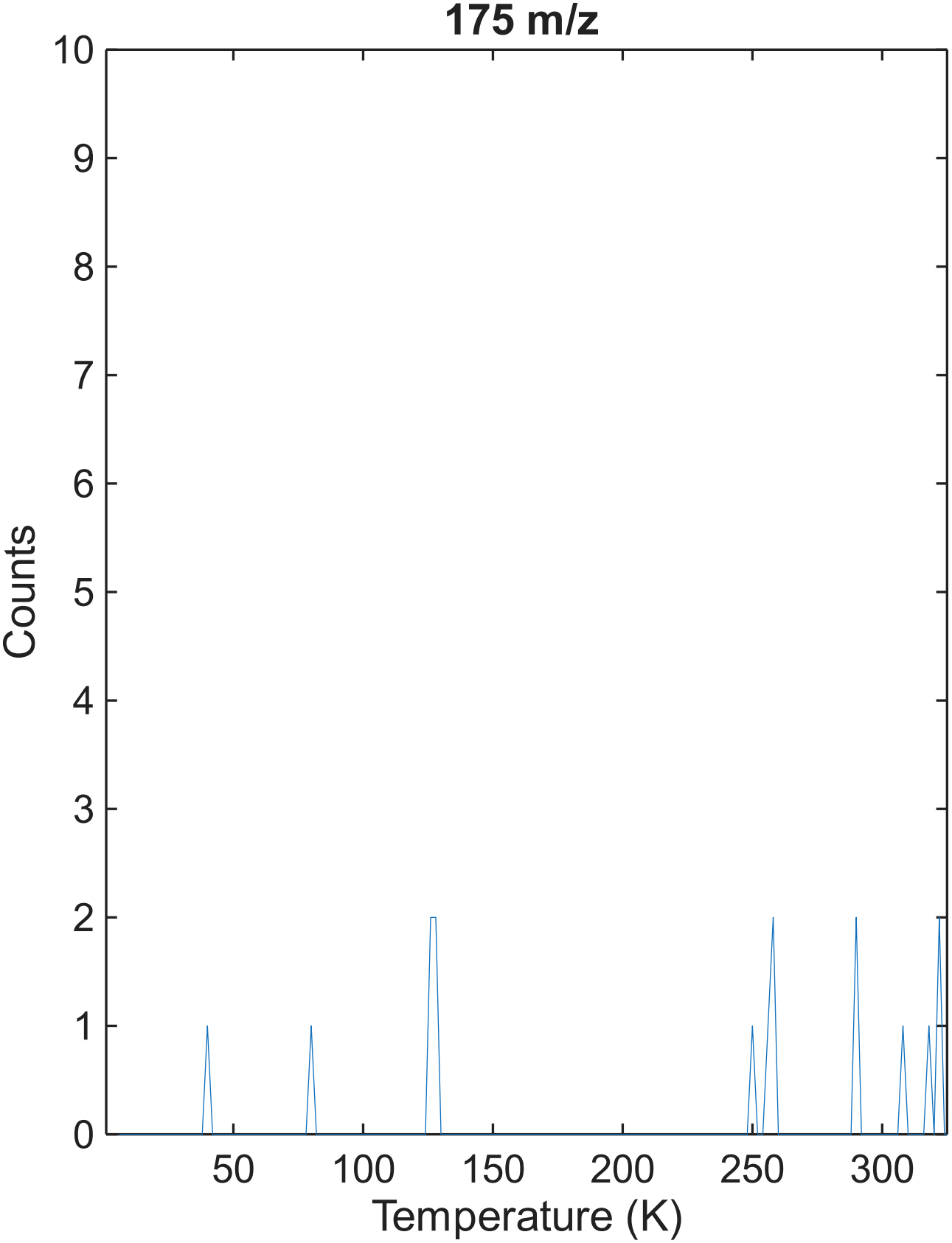
175 m/z
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Temperature (K)
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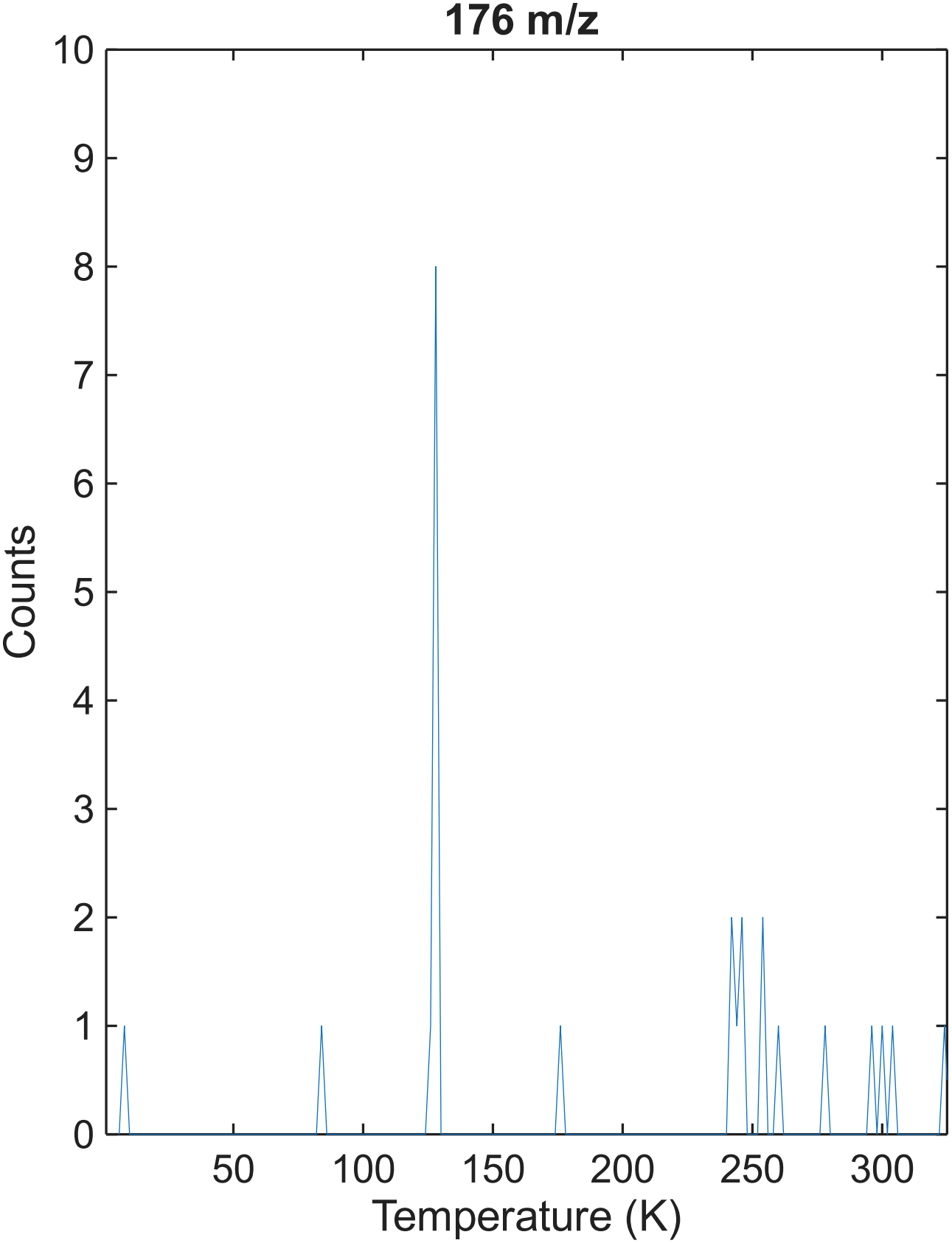
176 m/z
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Temperature (K)
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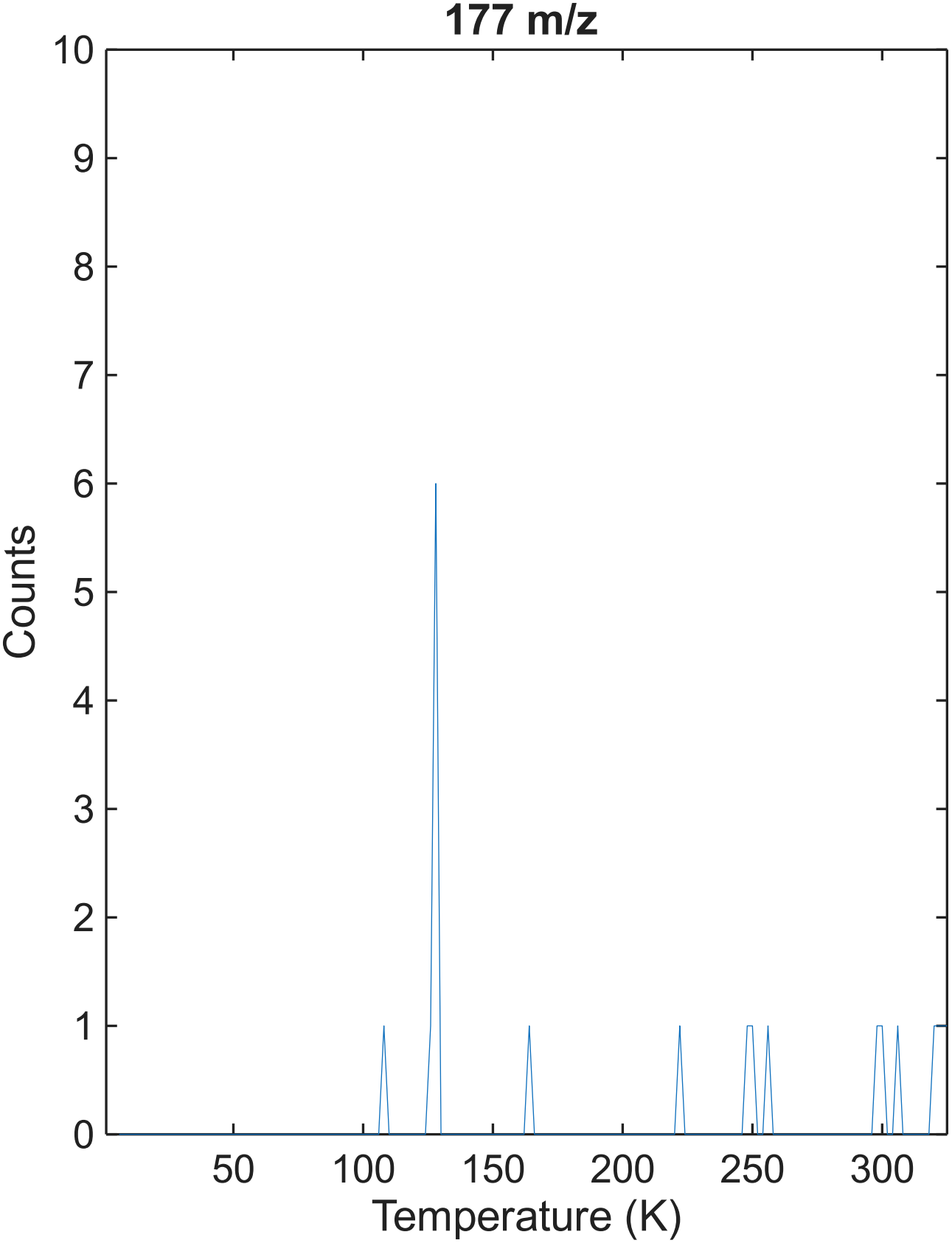
177 m/z
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Temperature (K)
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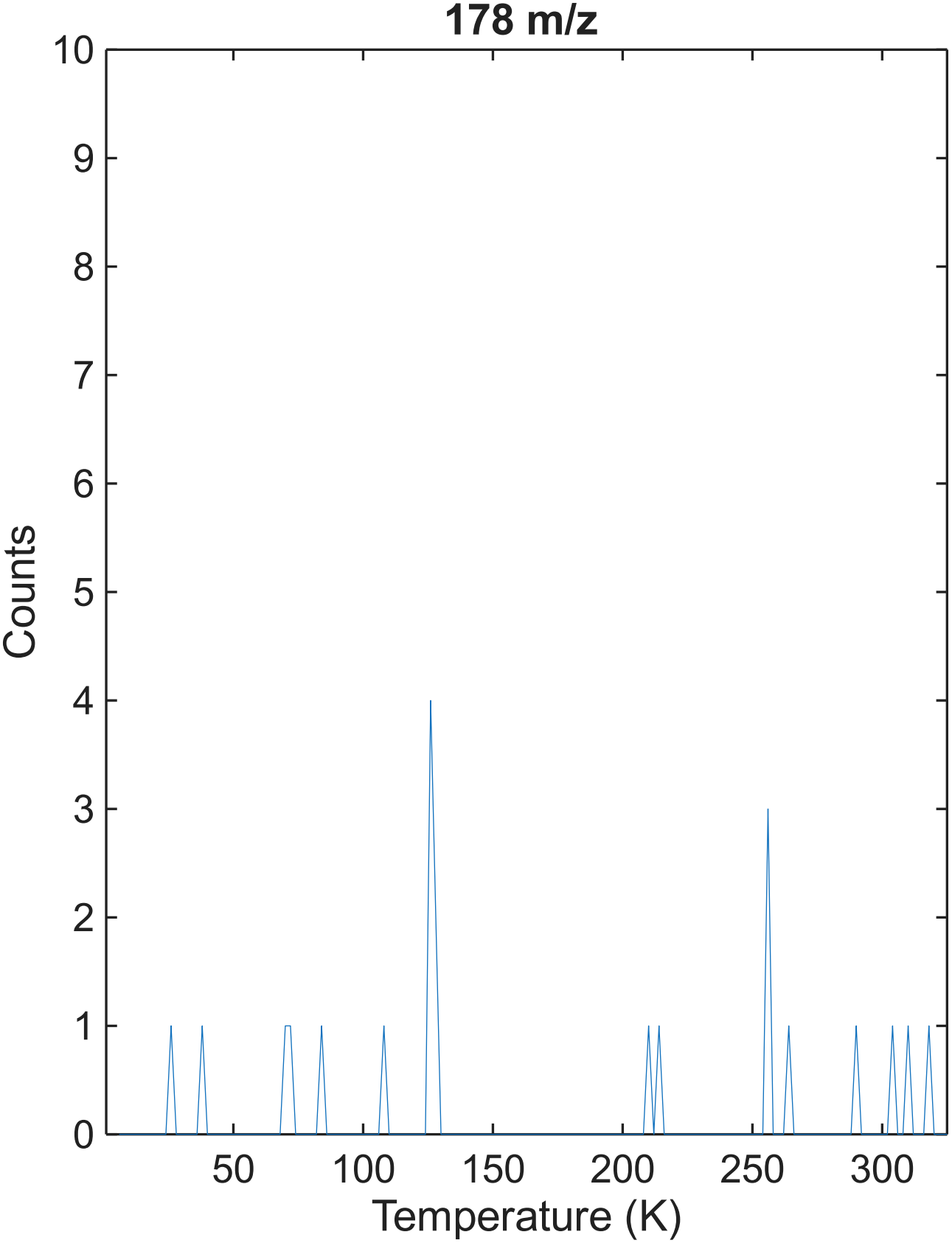
178 m/z
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Temperature (K)
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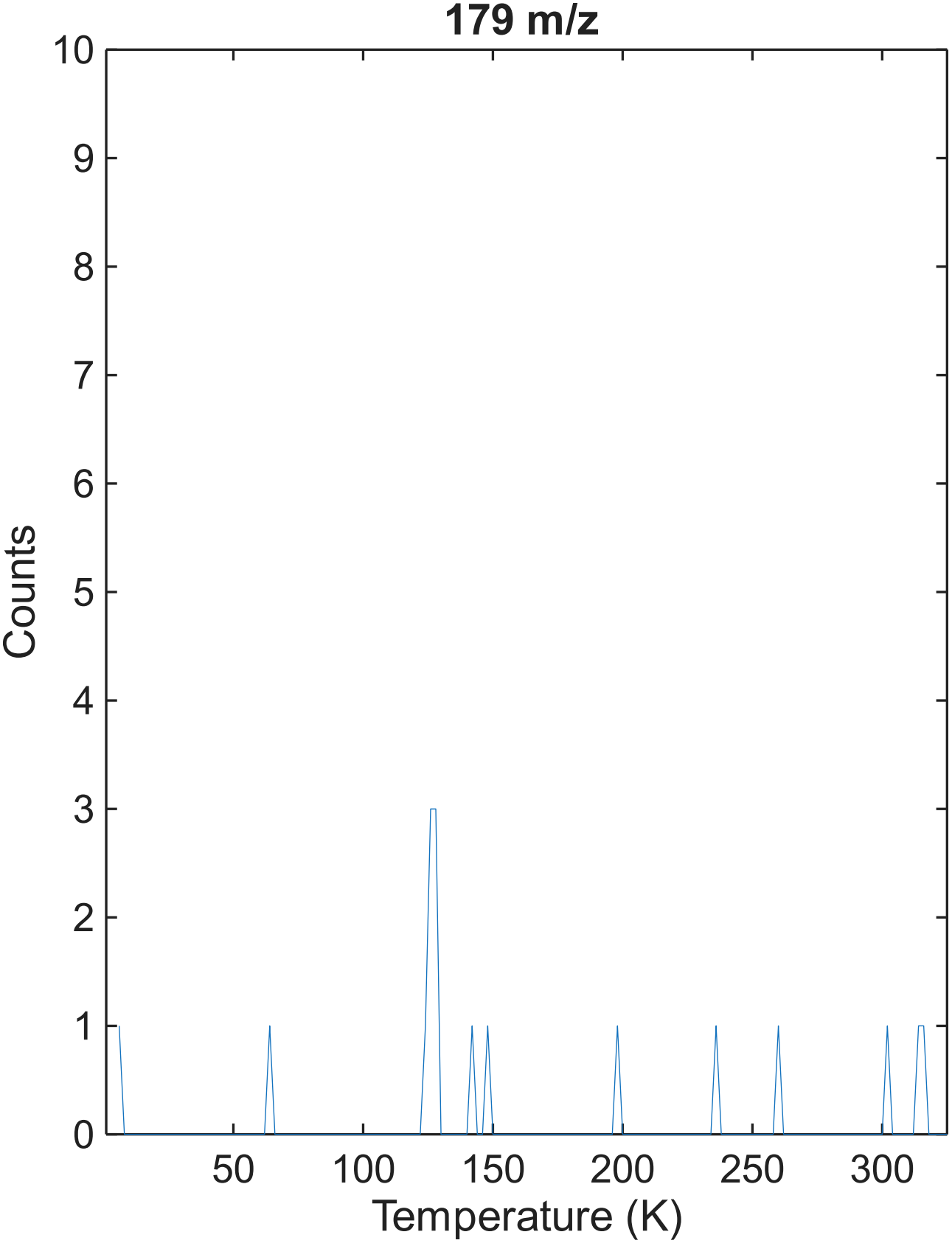
179 m/z
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Temperature (K)
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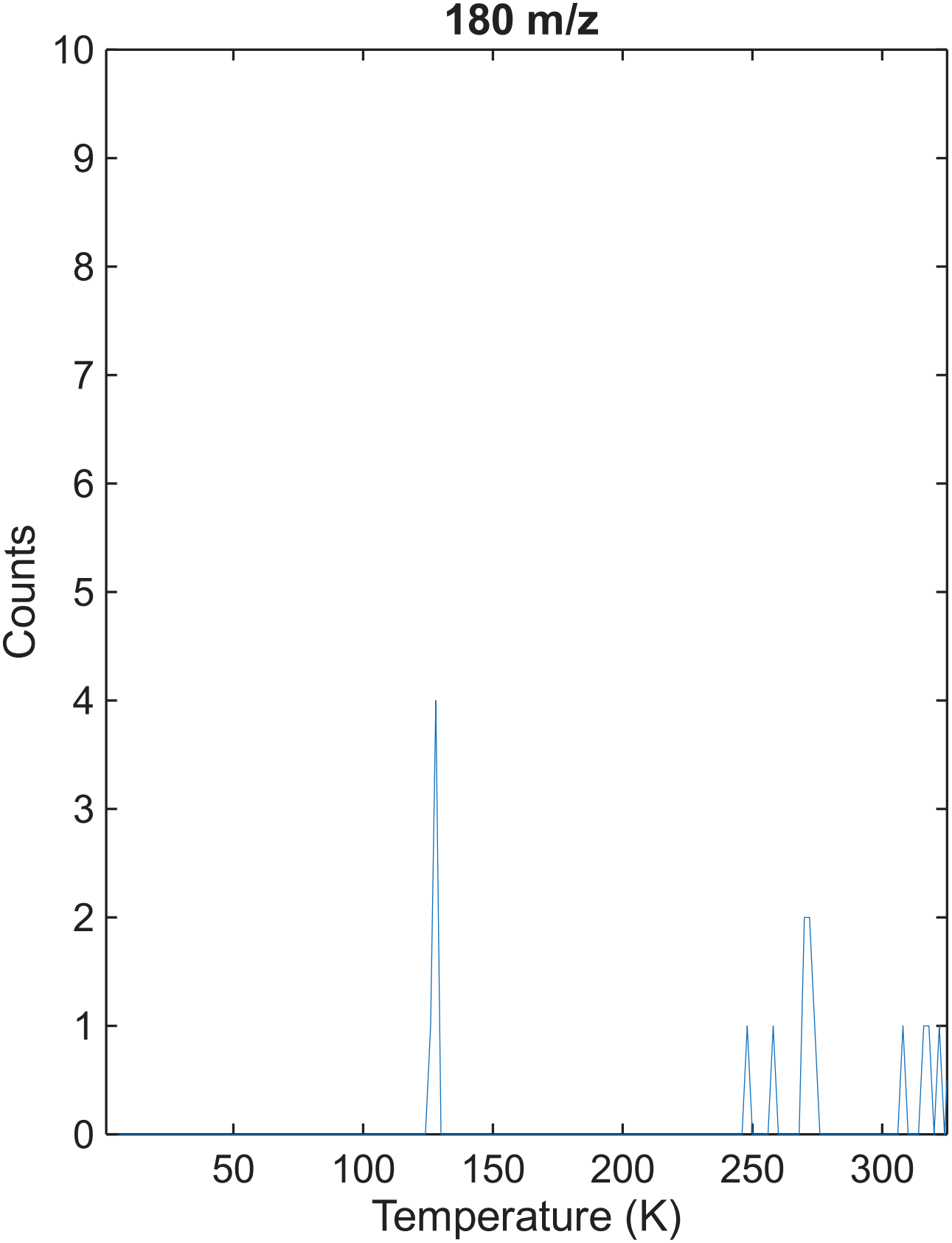
180 m/z
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Temperature (K)
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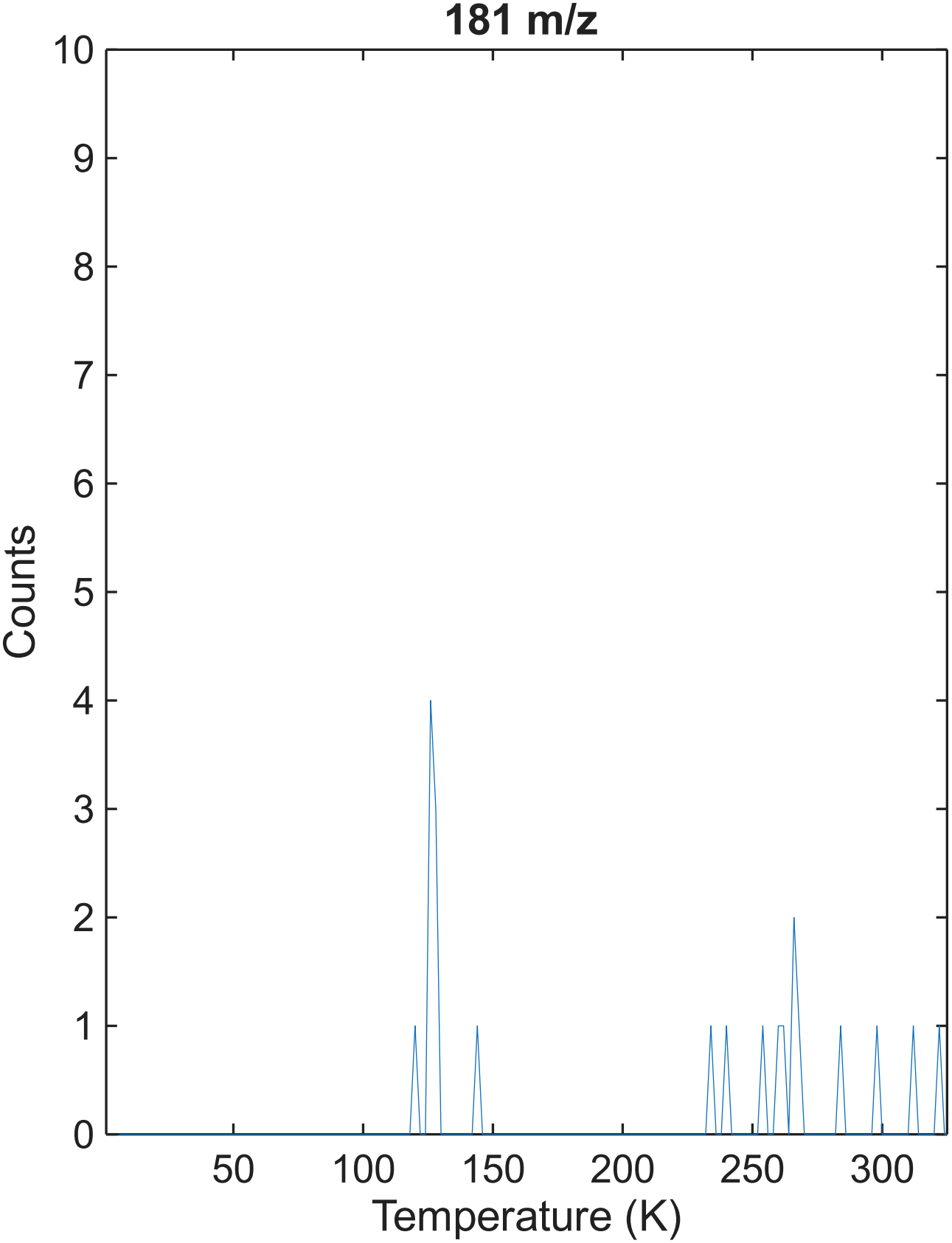
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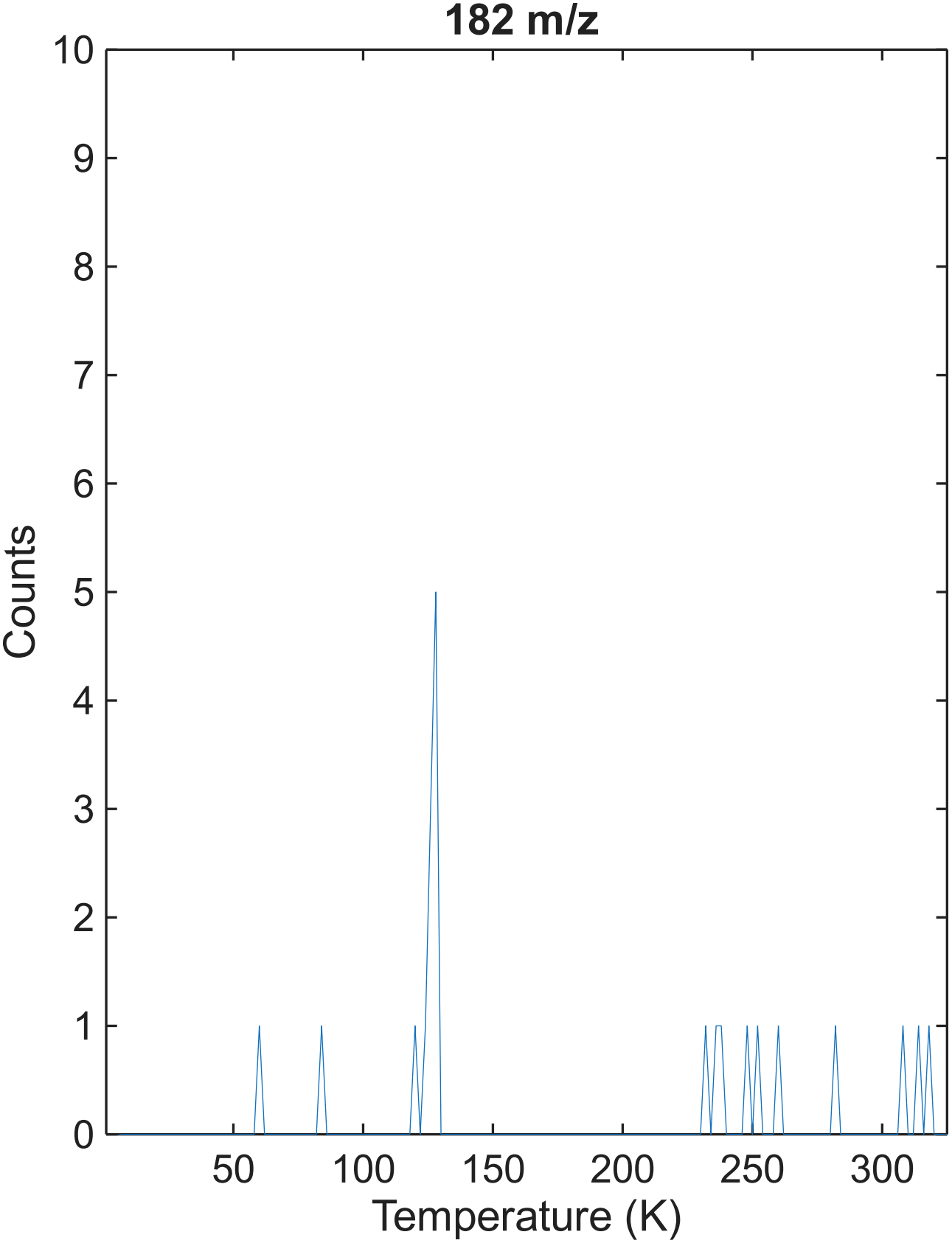
182 m/z
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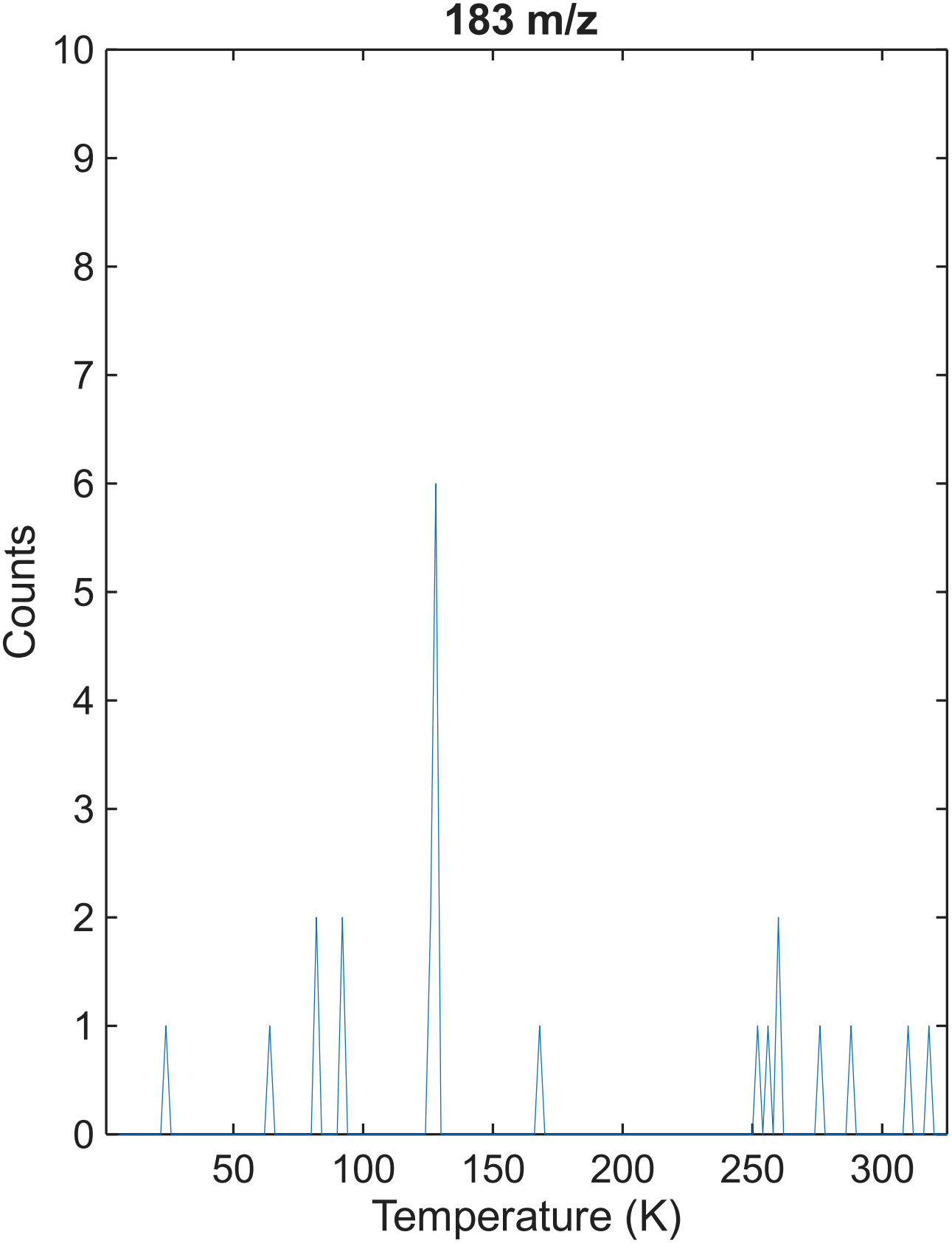
183 m/z
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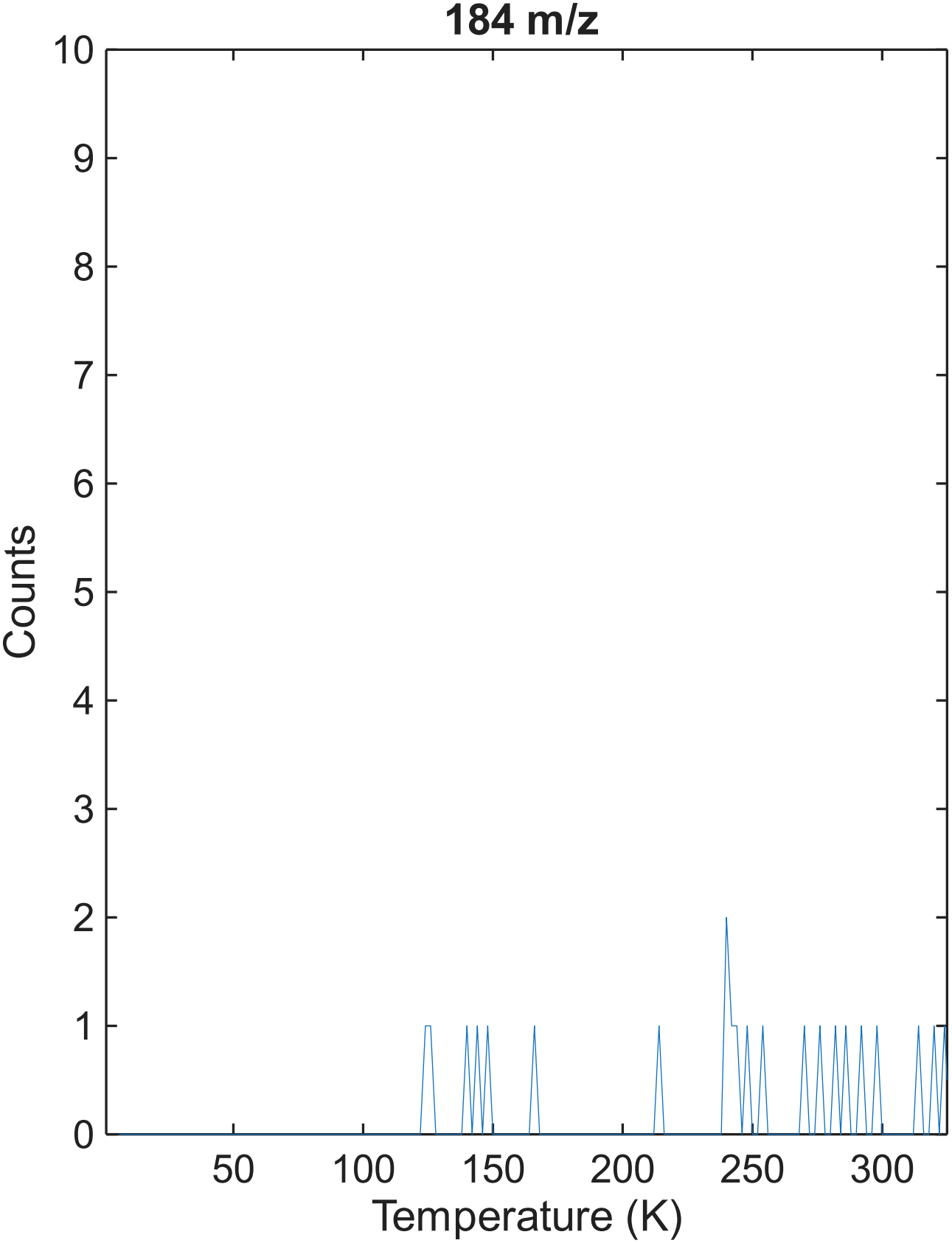
184 m/z
Counts
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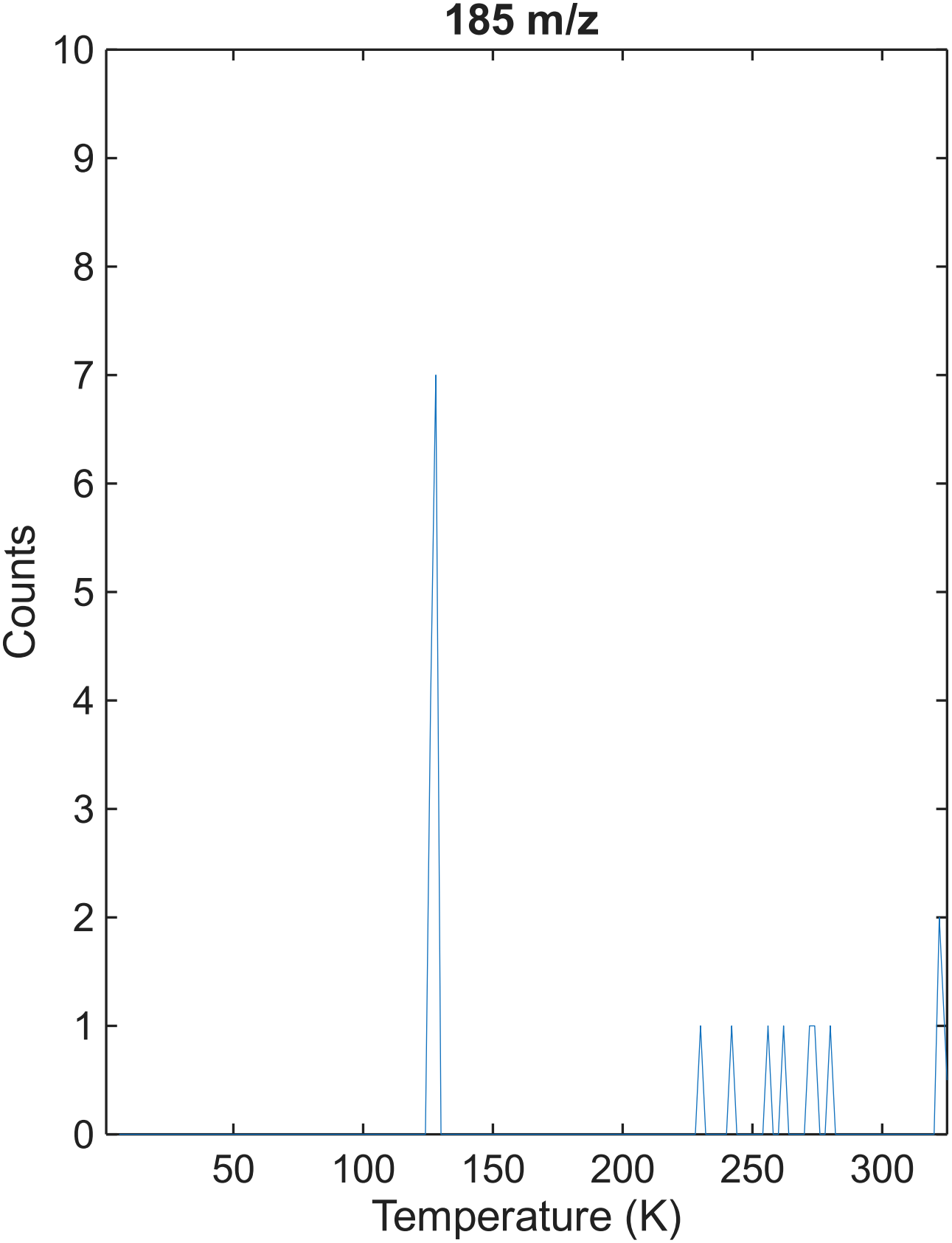
185 m/z
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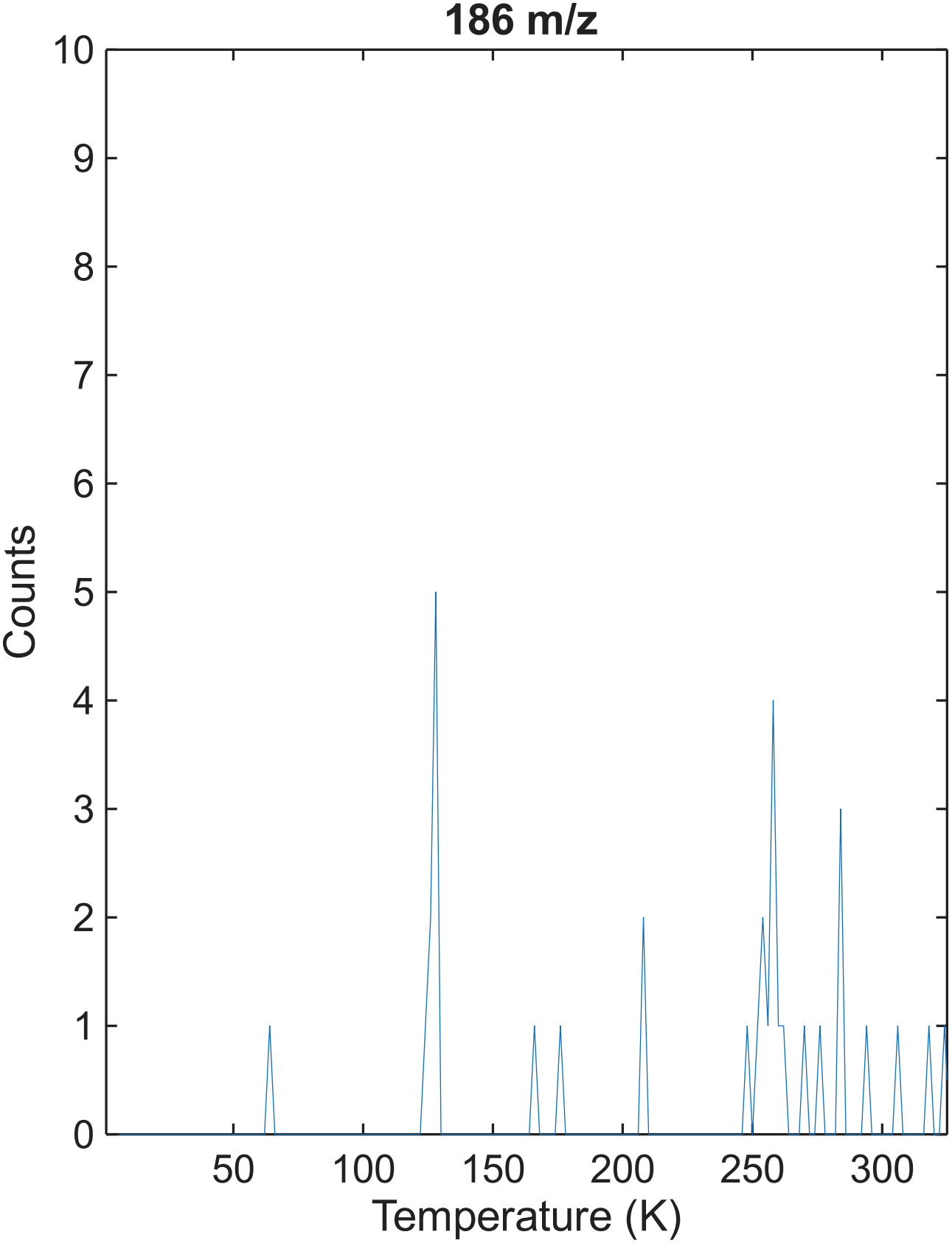
186 m/z
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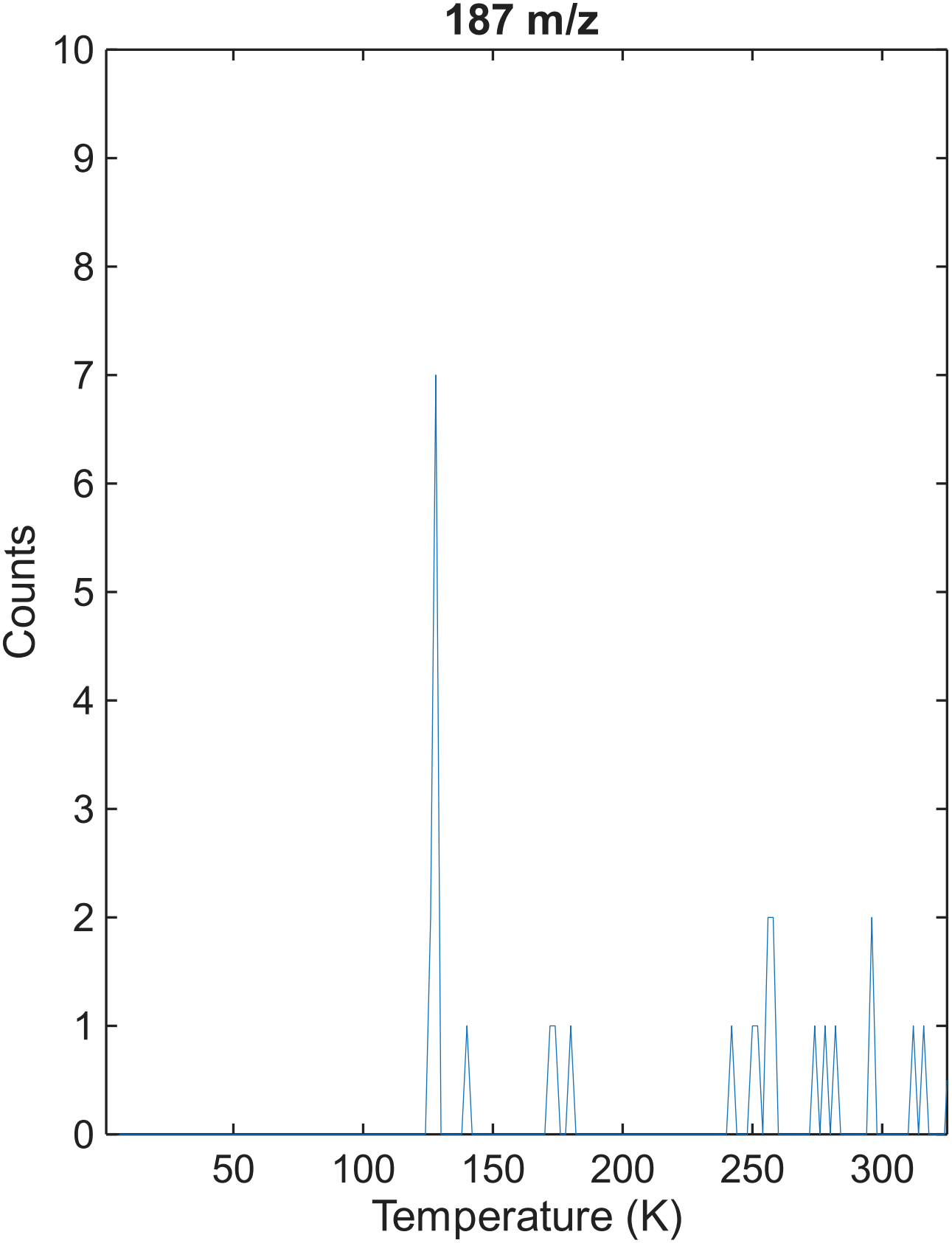
187 m/z
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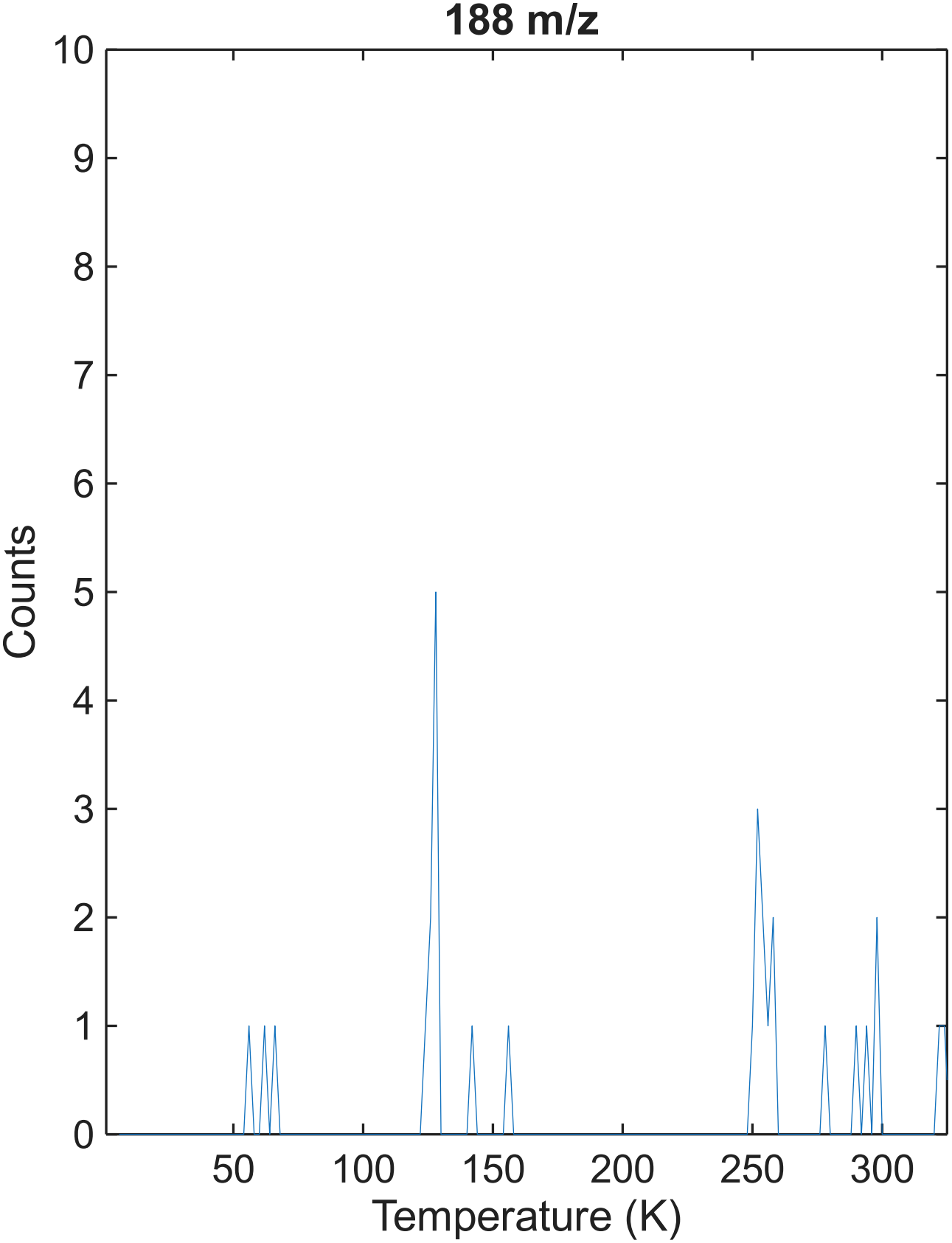
188 m/z
Counts
Temperature (K)
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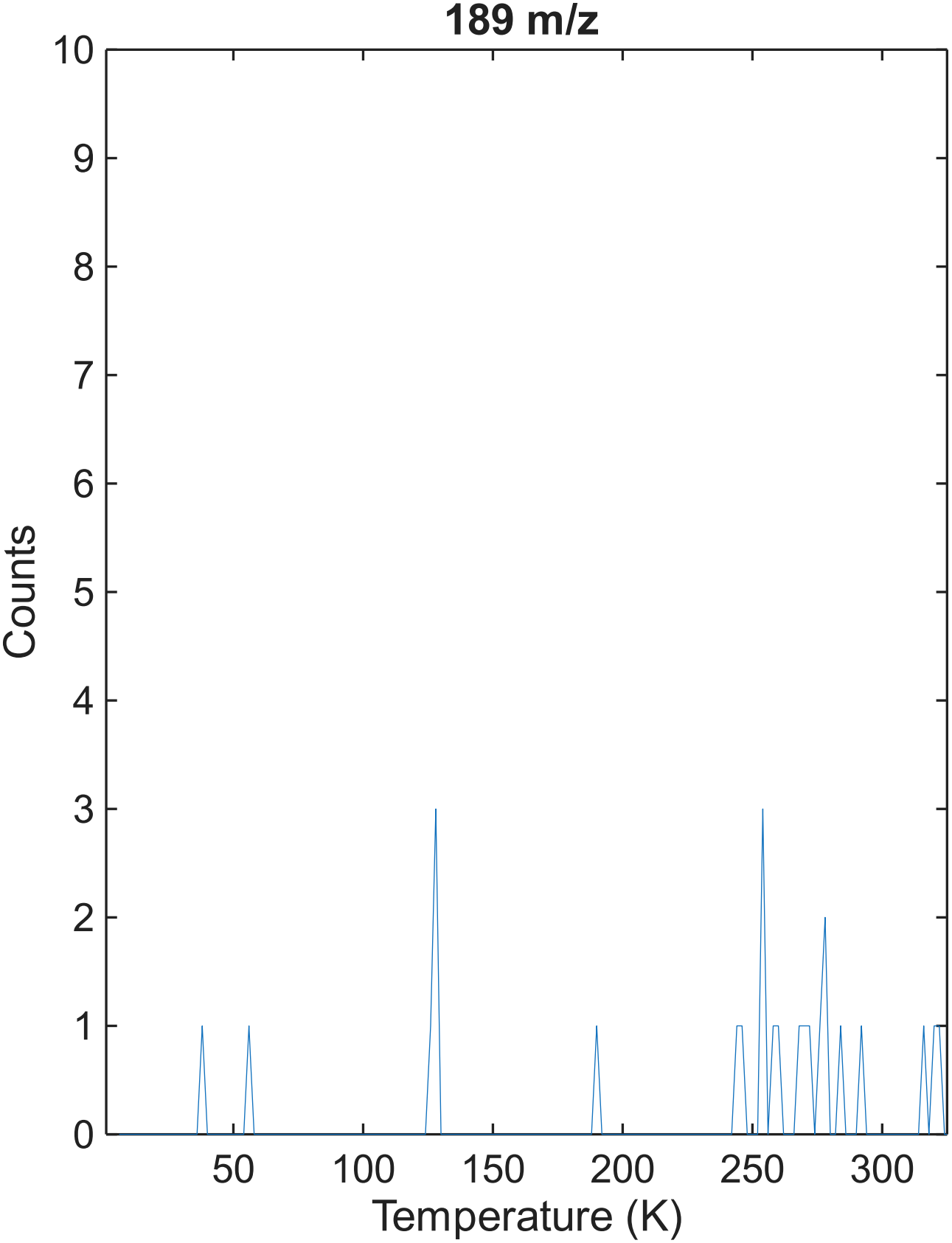
189 m/z
Counts
Temperature (K)
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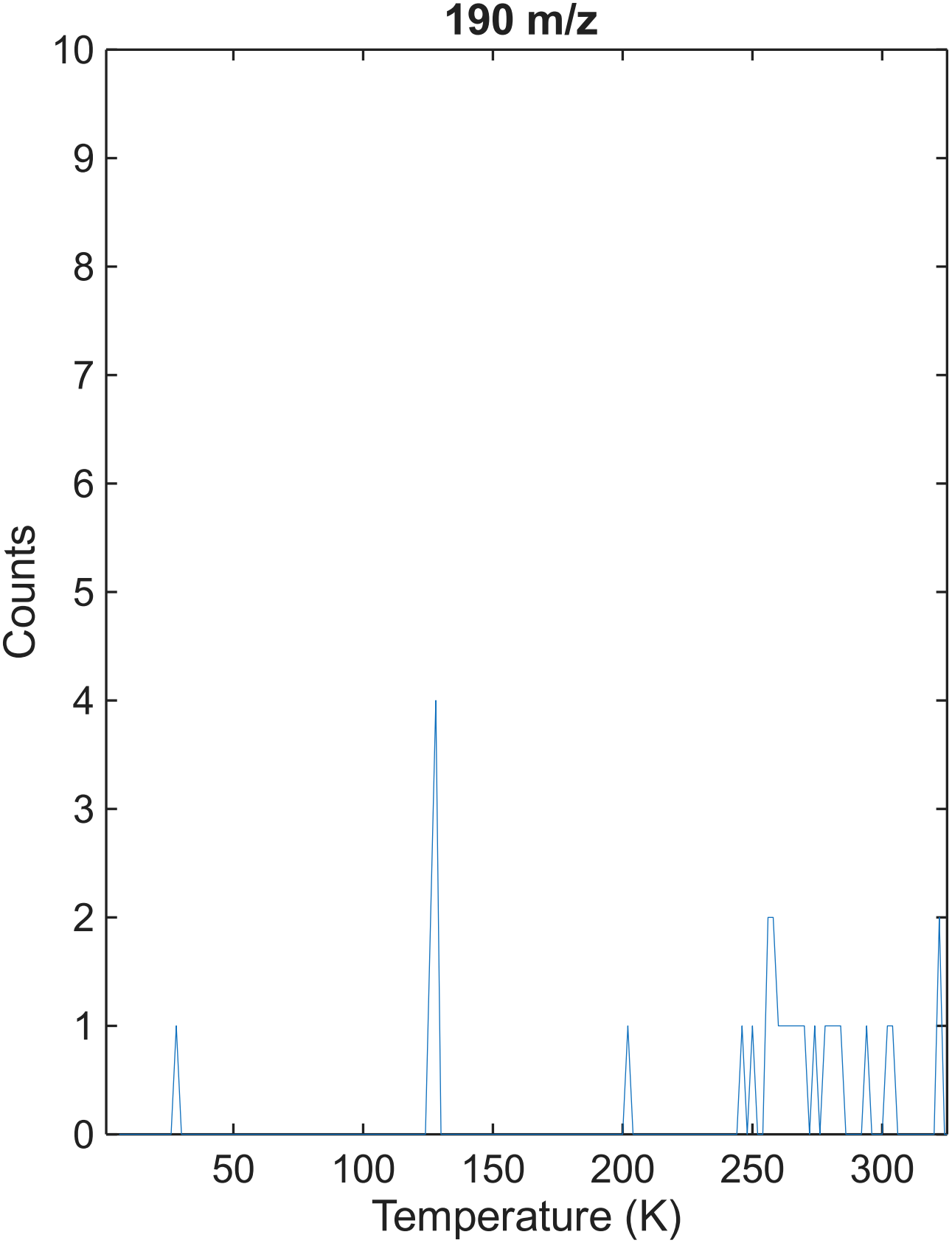
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Counts
Temperature (K)
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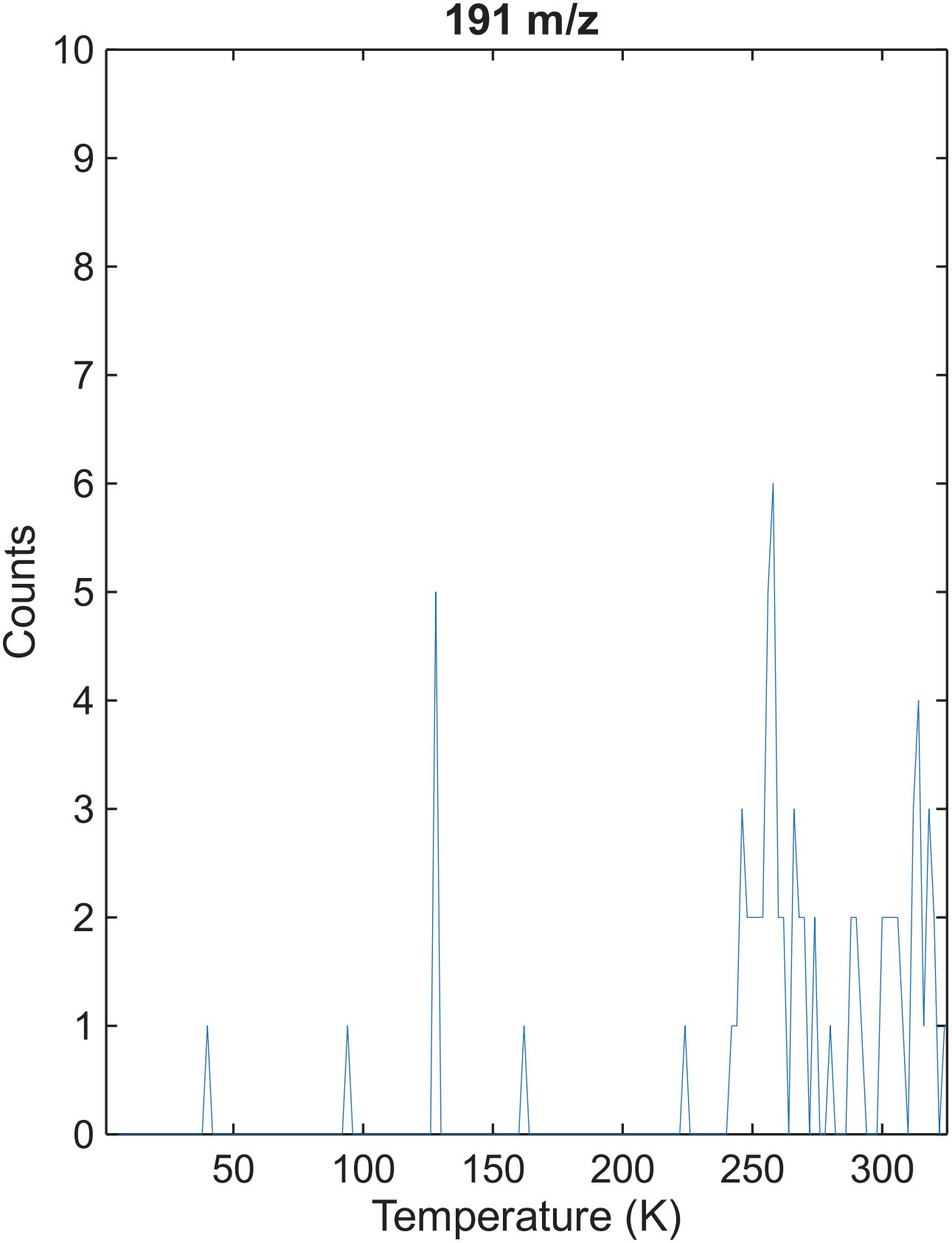
191 m/z
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Temperature (K)
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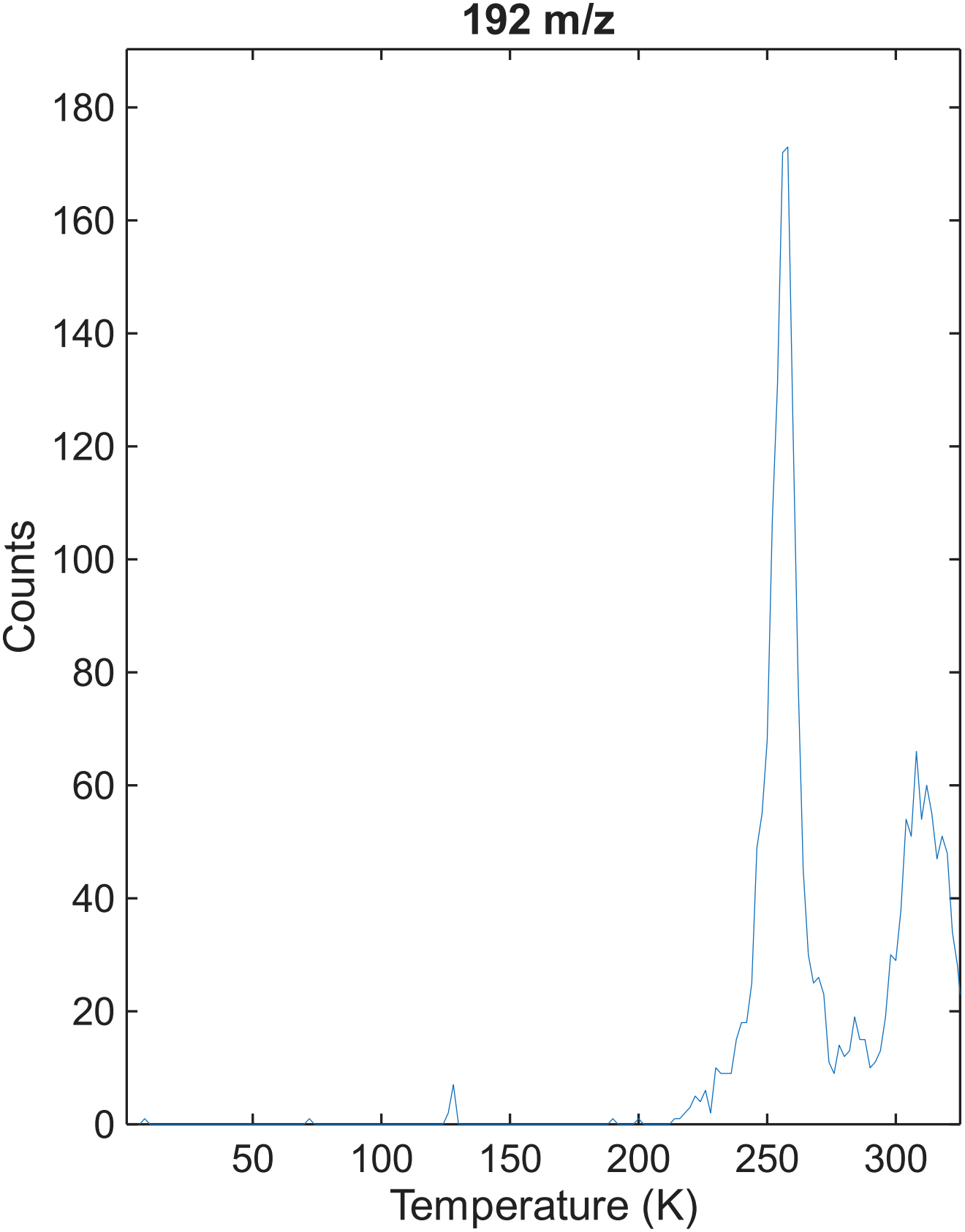
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Temperature (K)
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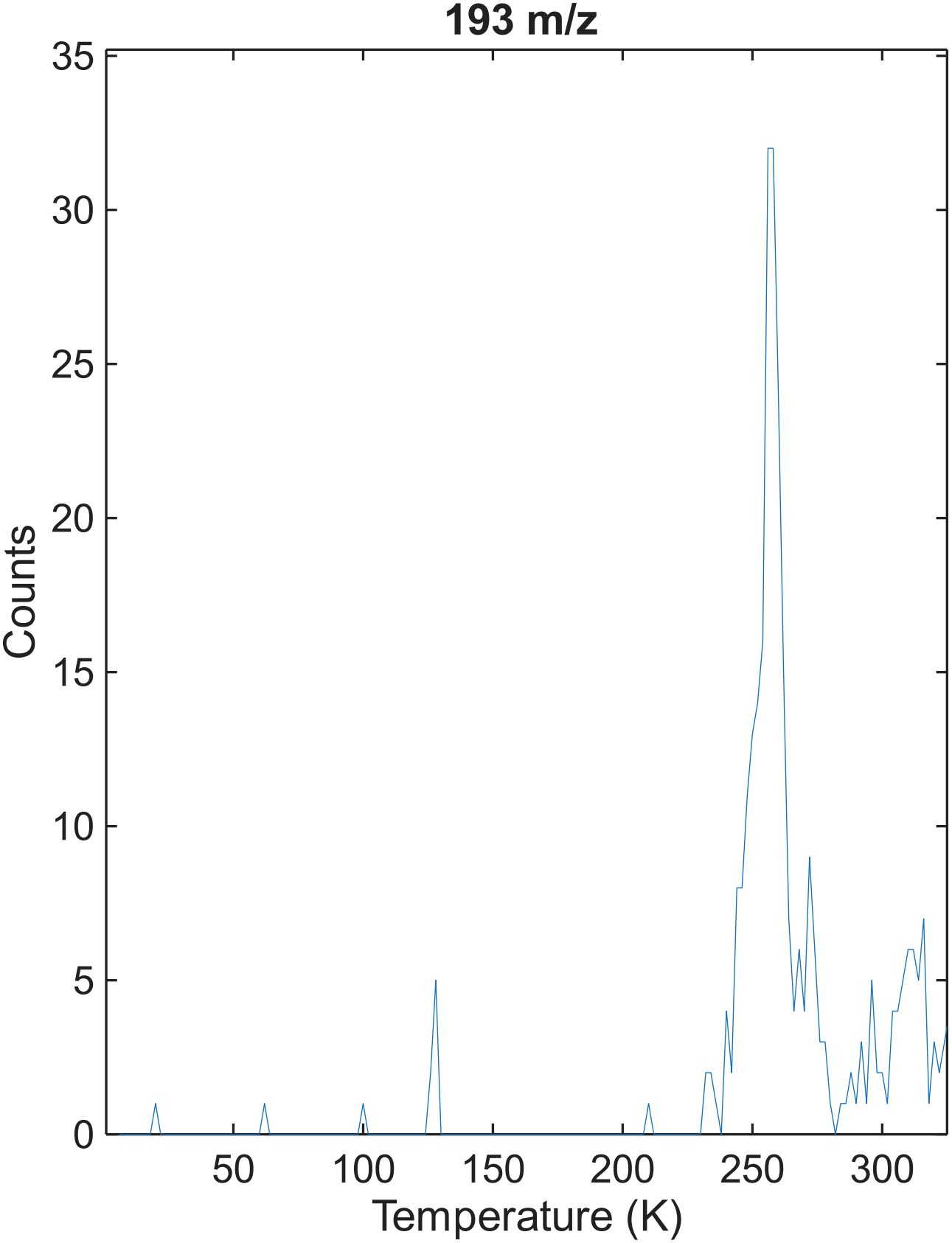
193 m/z
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Counts
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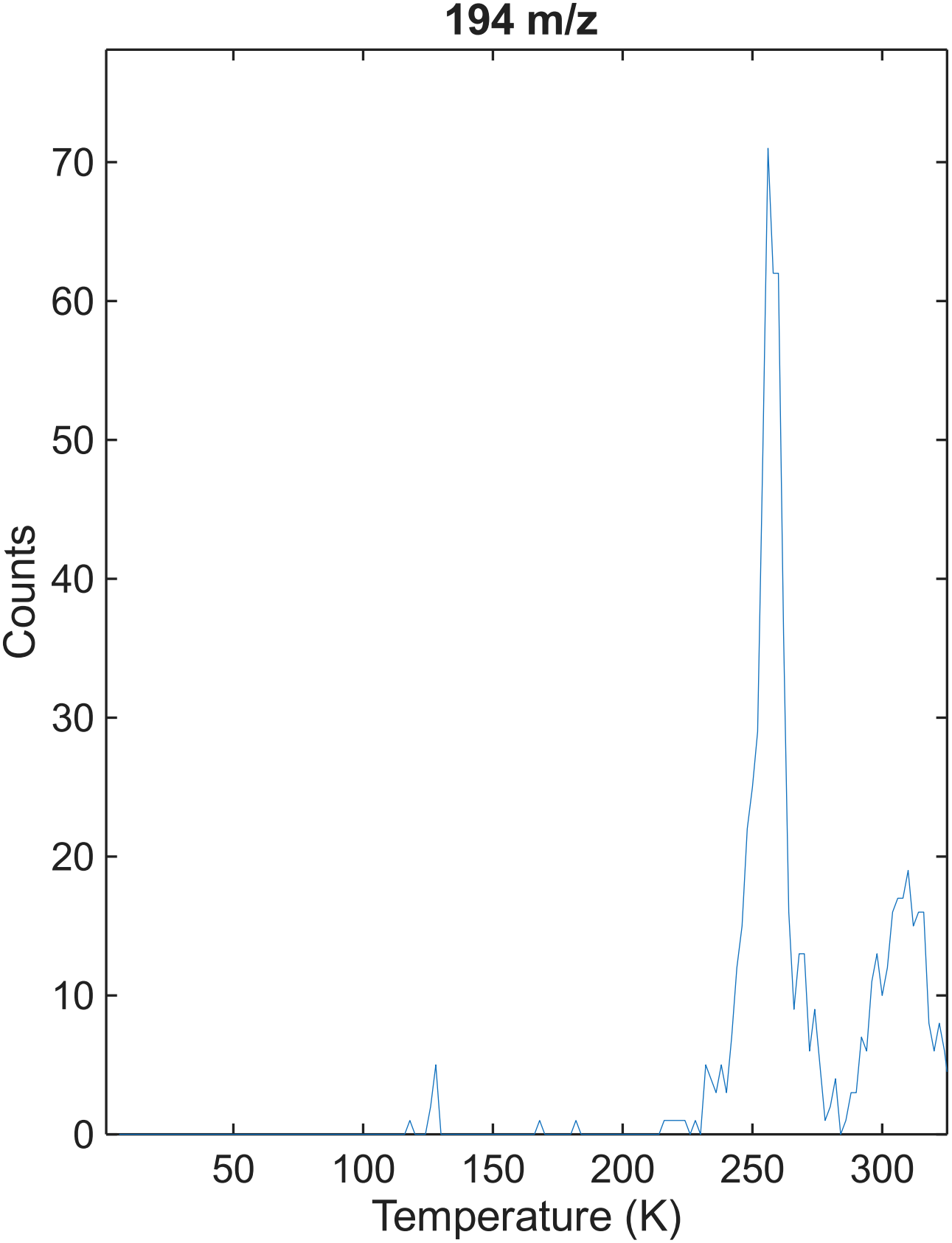
250
300
Temperature (K)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Temperature (K)
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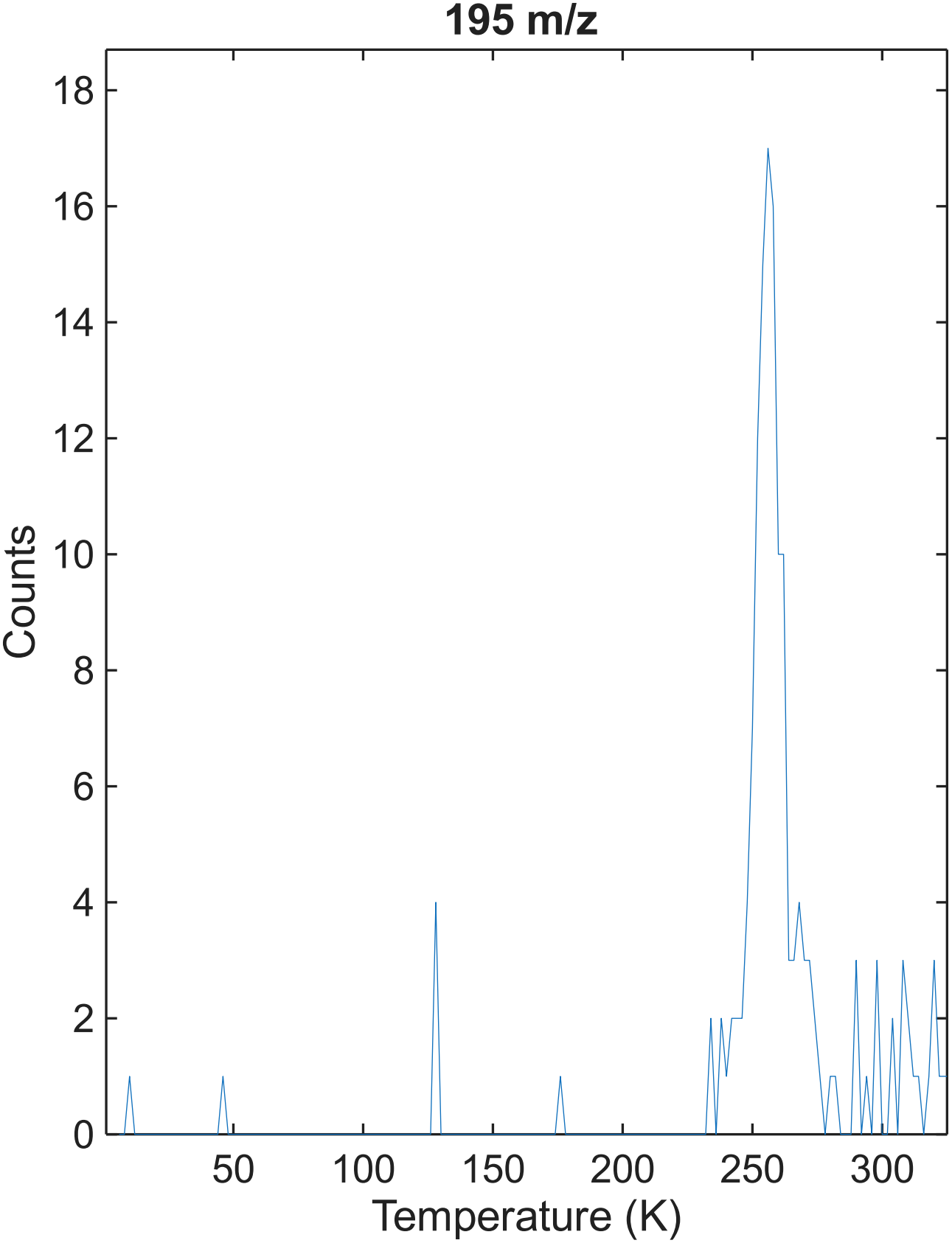
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Counts
Temperature (K)
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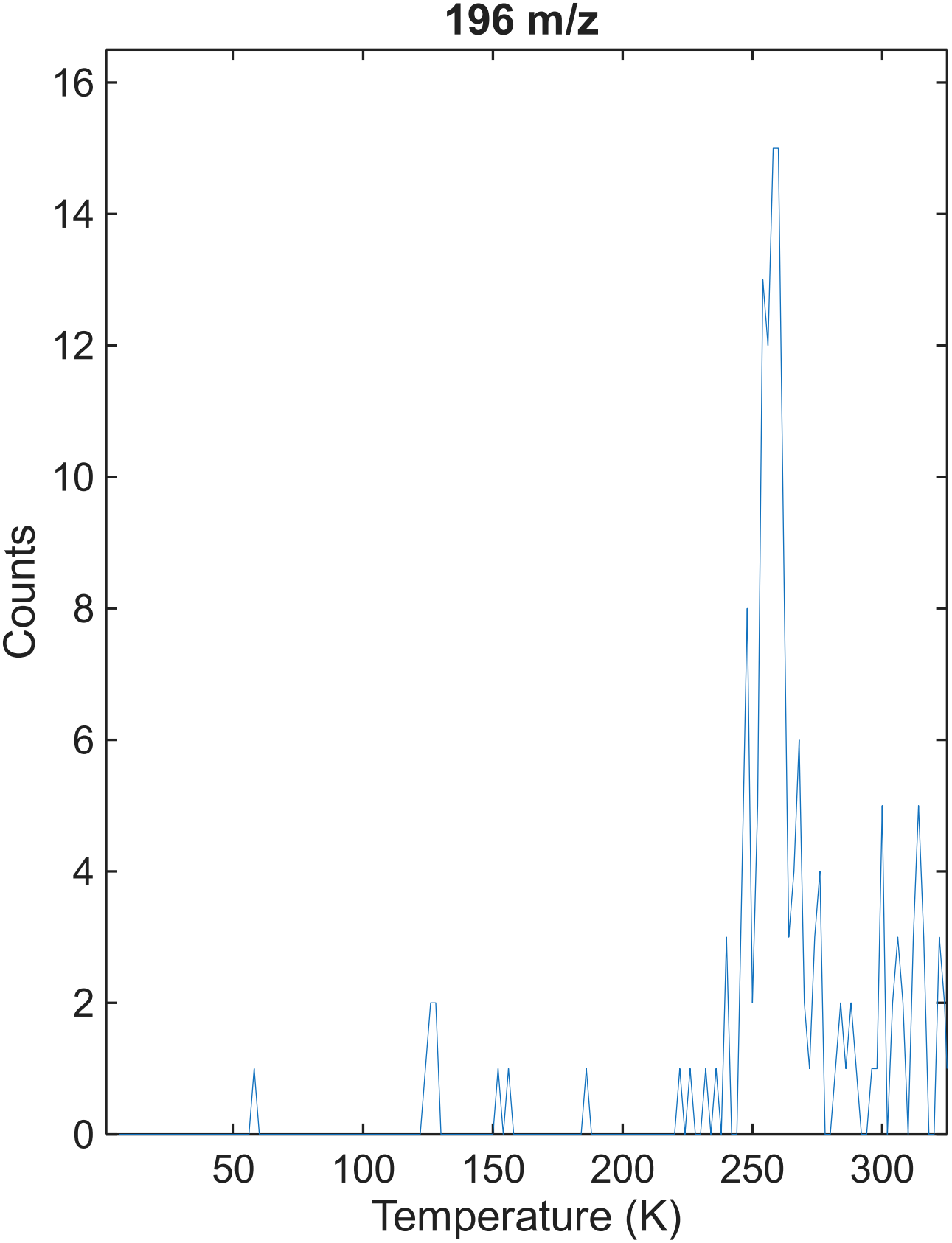
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Counts
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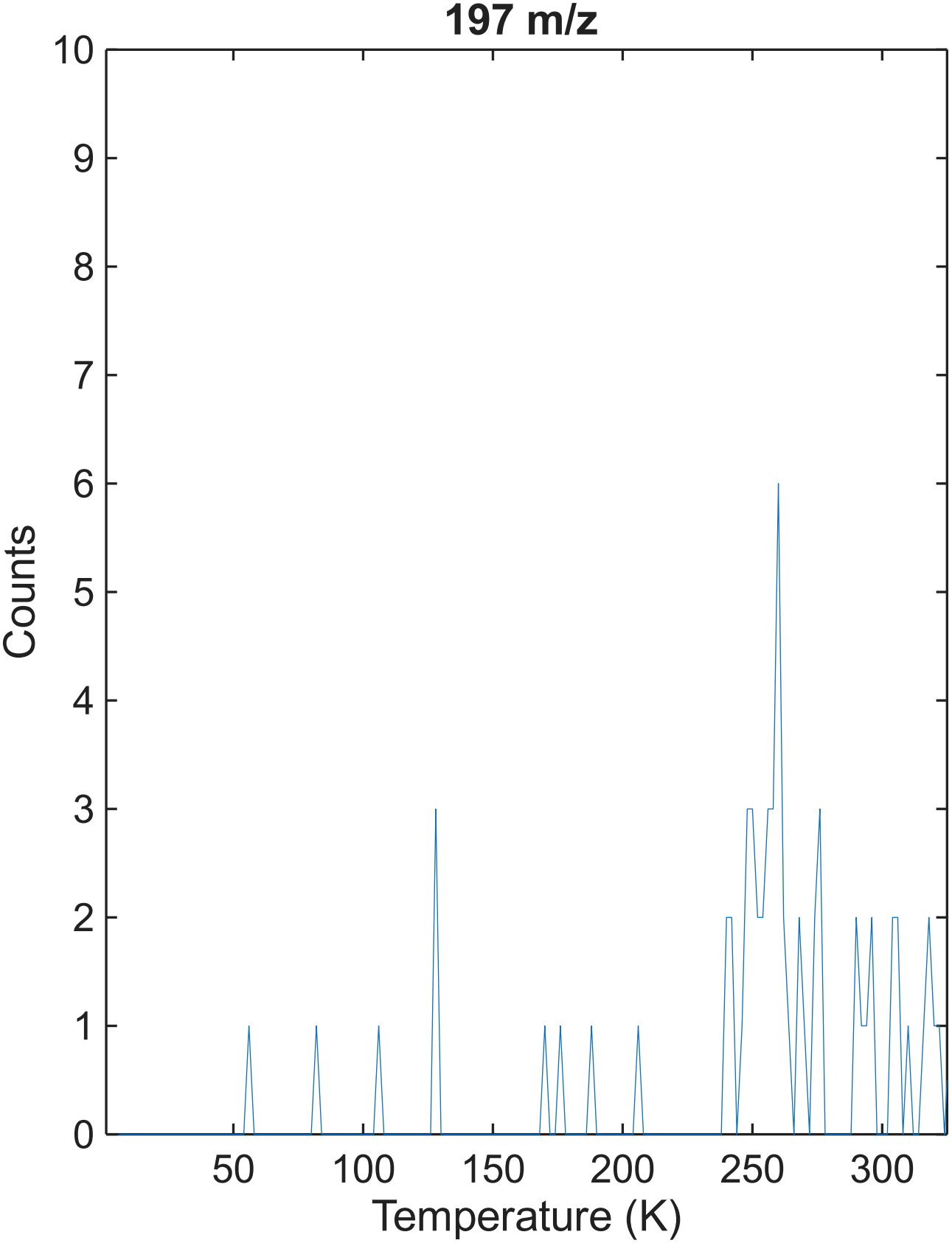
197 m/z
Counts
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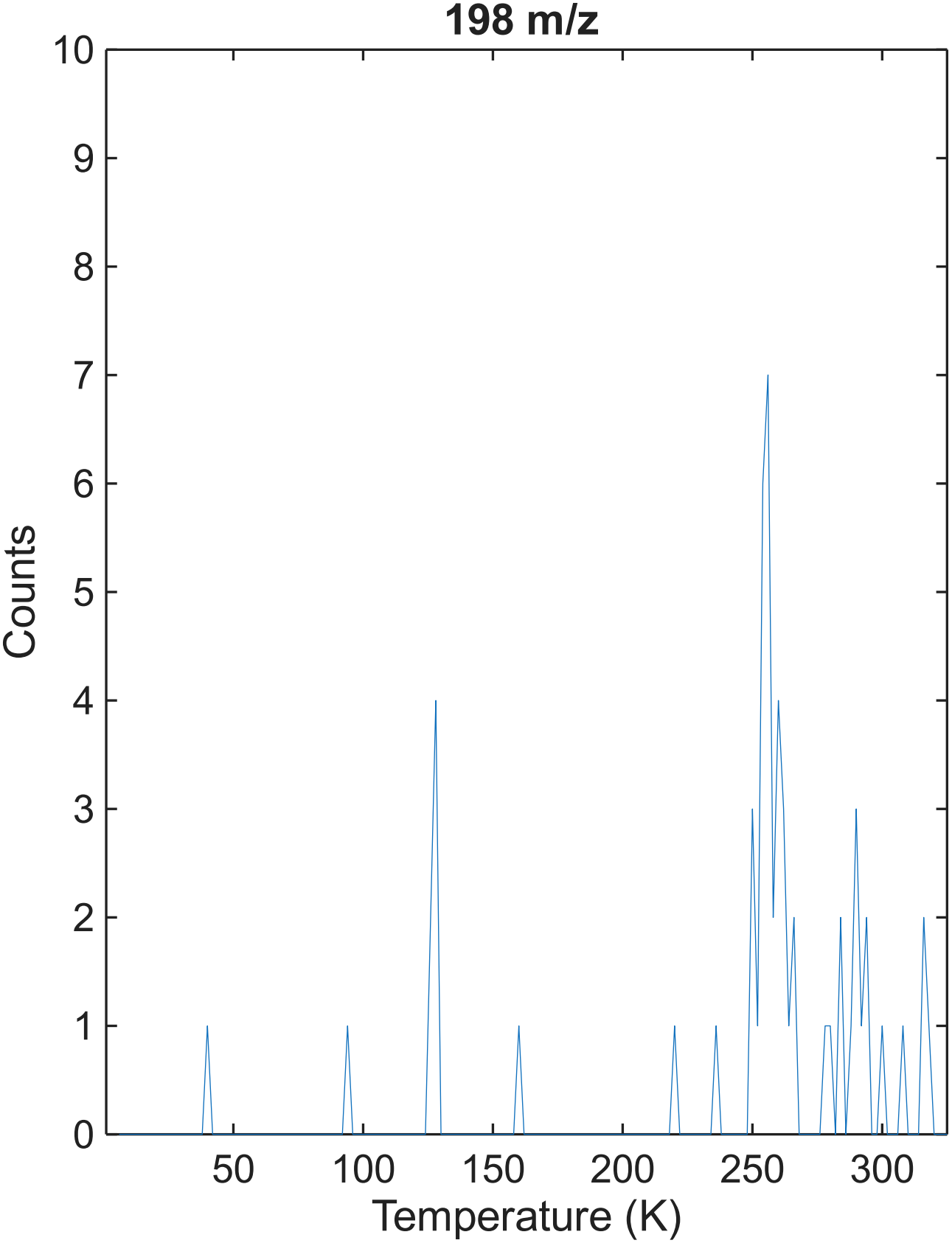
198 m/z
Counts
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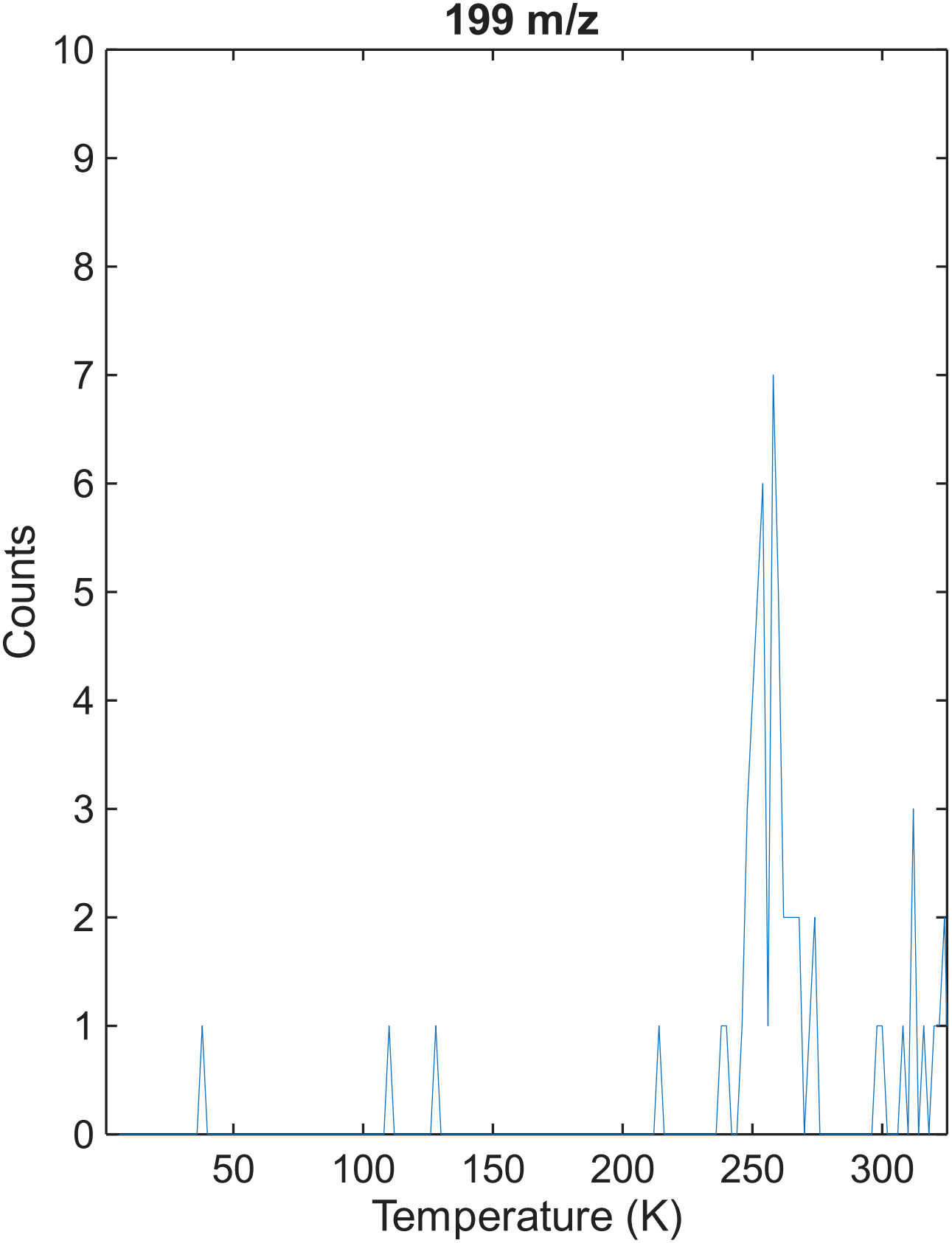
199 m/z
Counts
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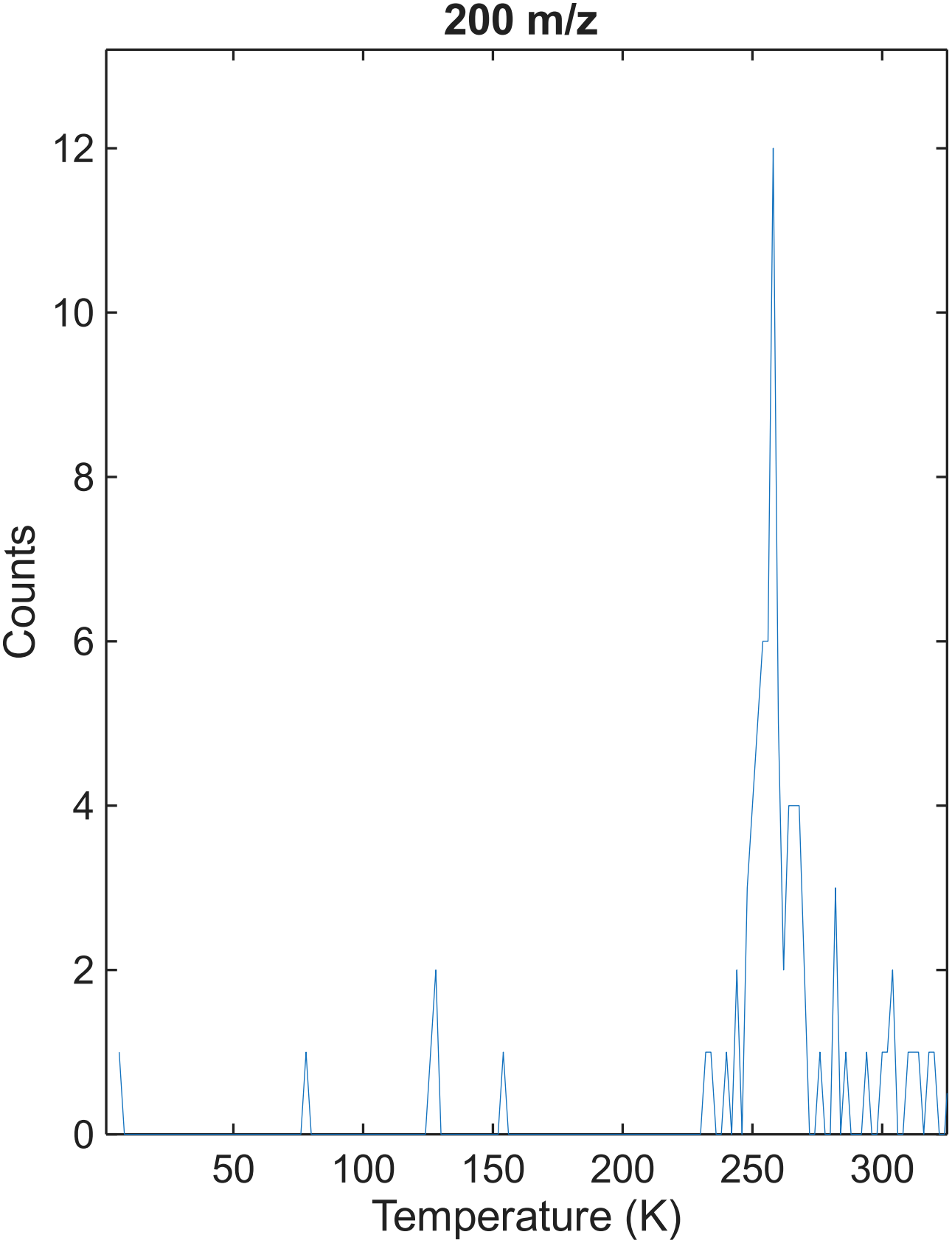
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Counts
Temperature (K)
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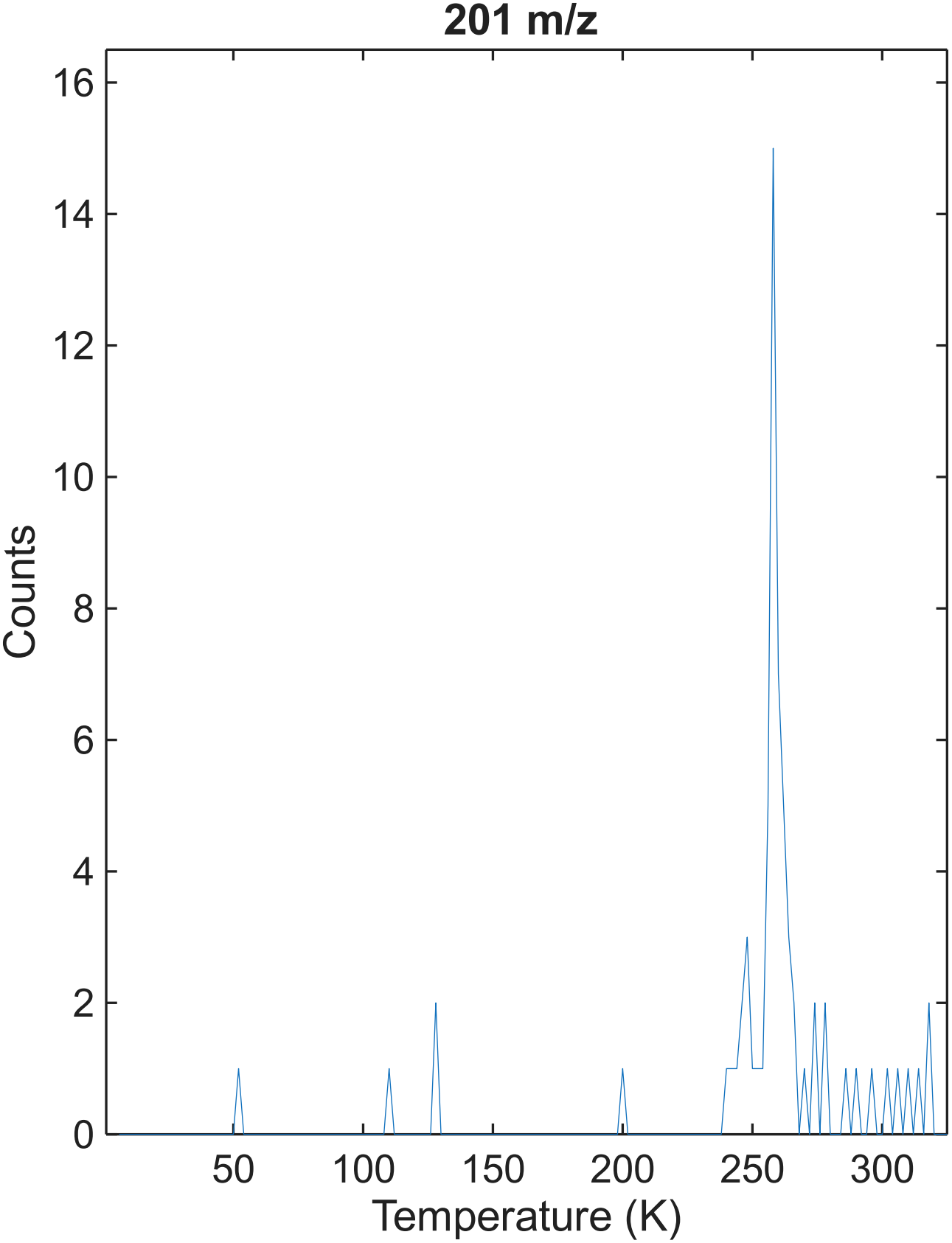
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Counts
Temperature (K)
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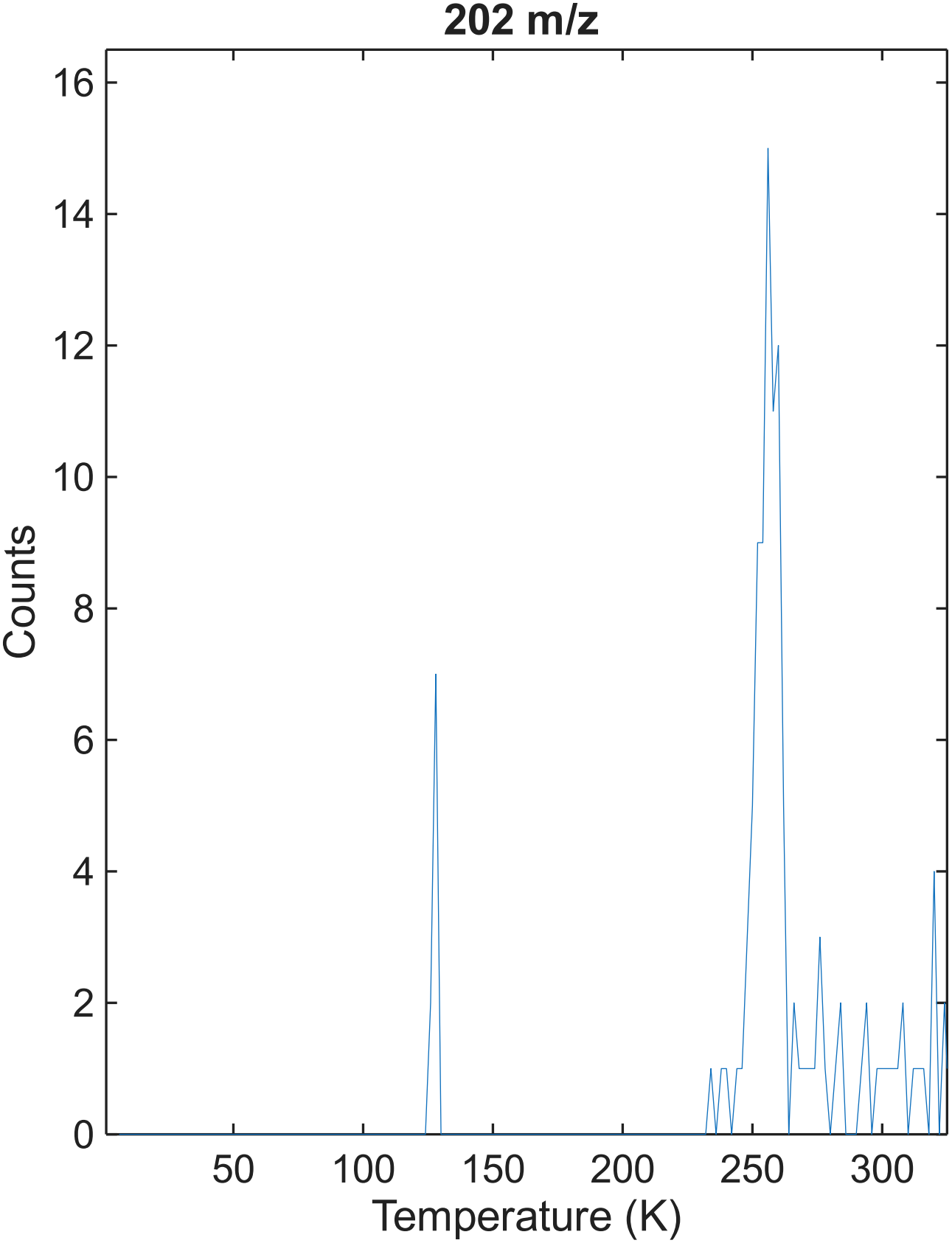
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Counts
Temperature (K)
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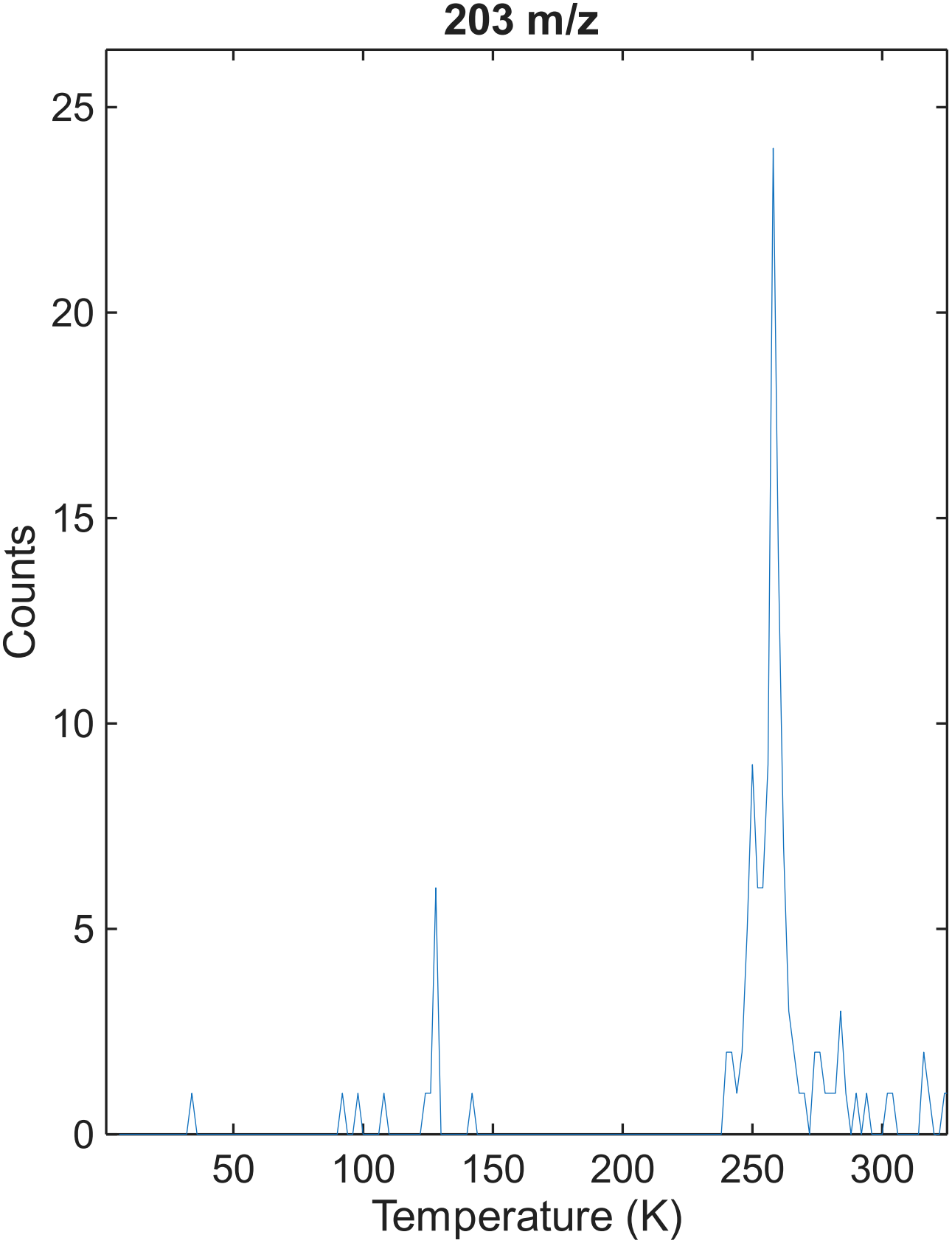
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Counts
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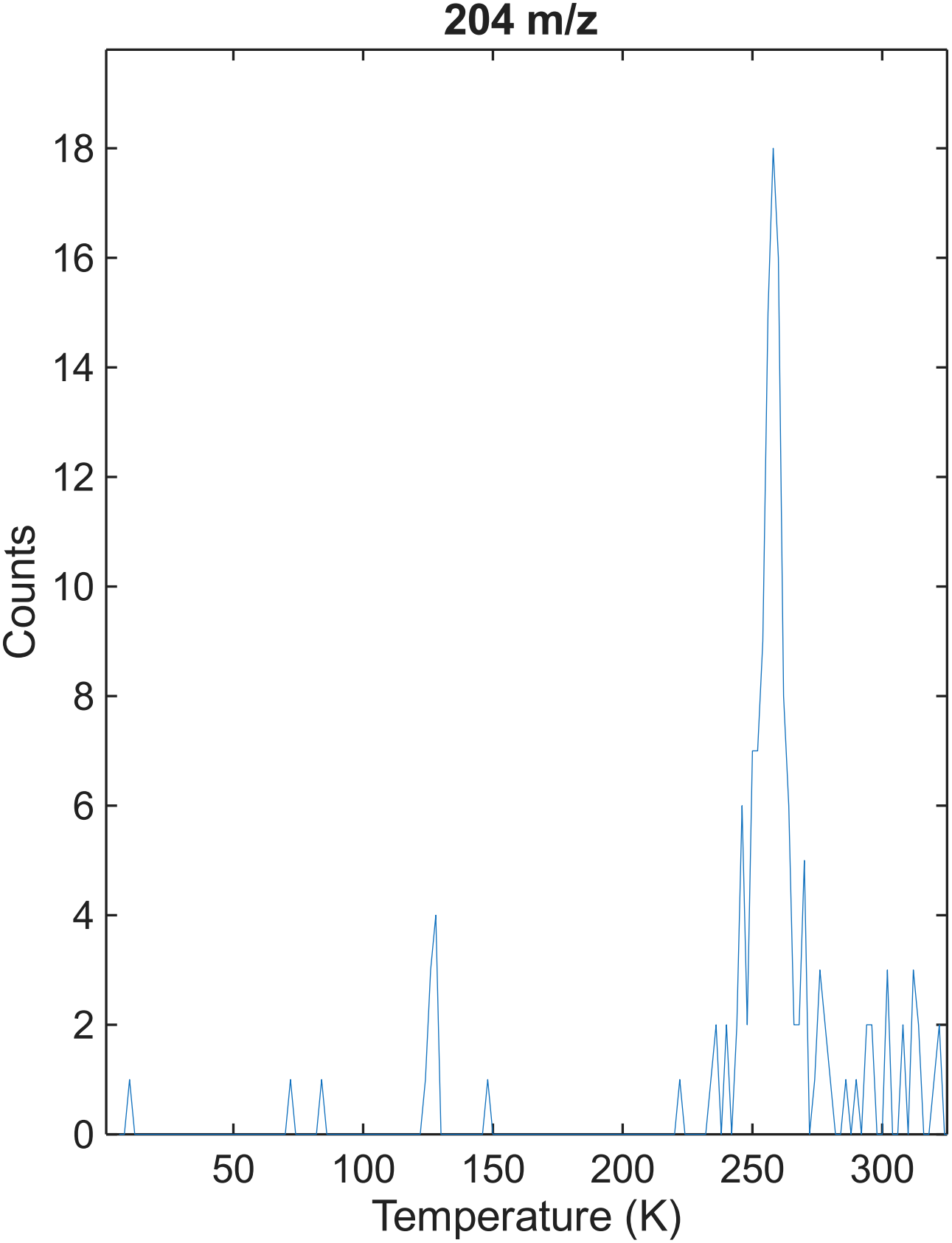
300
Temperature (K)


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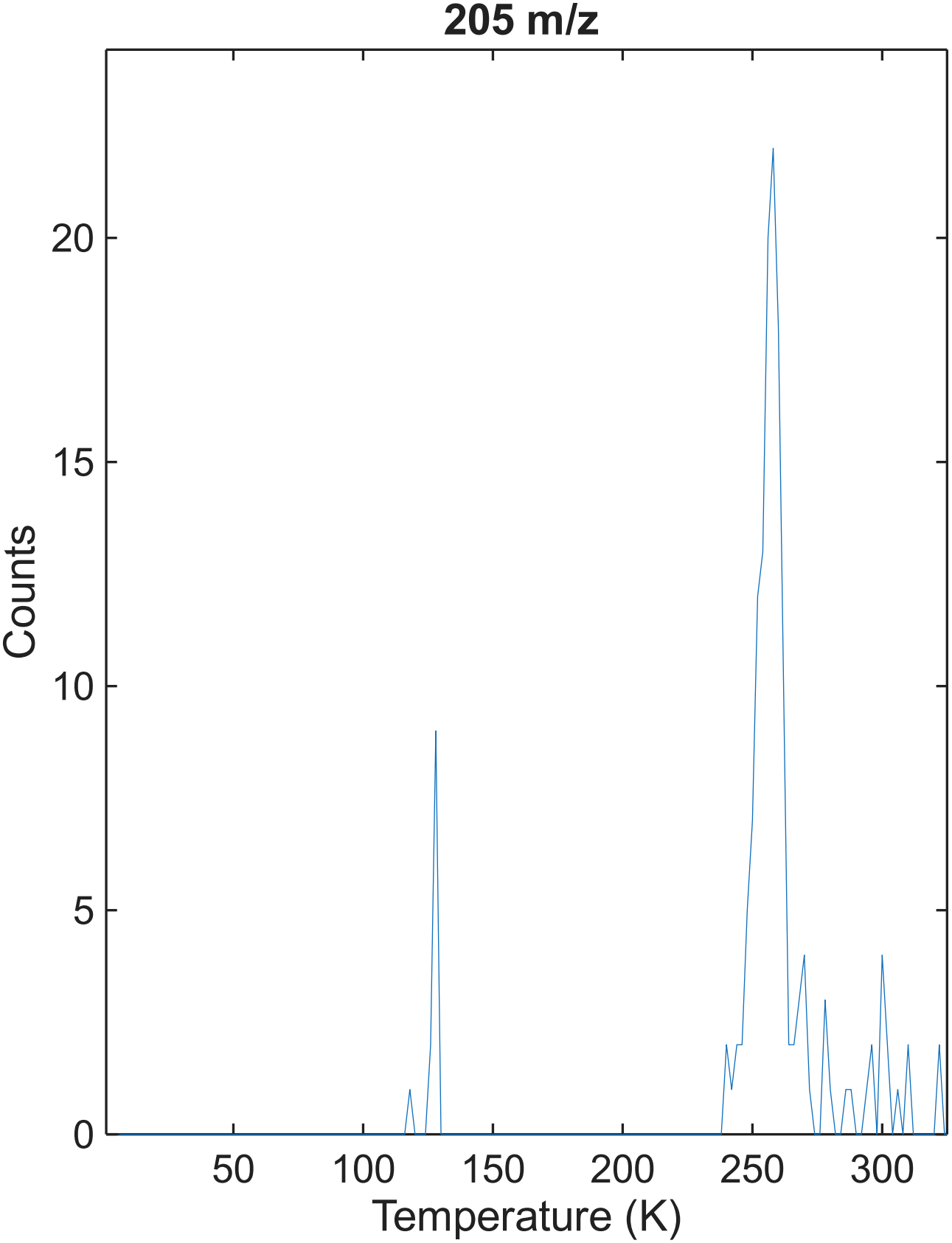
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Counts
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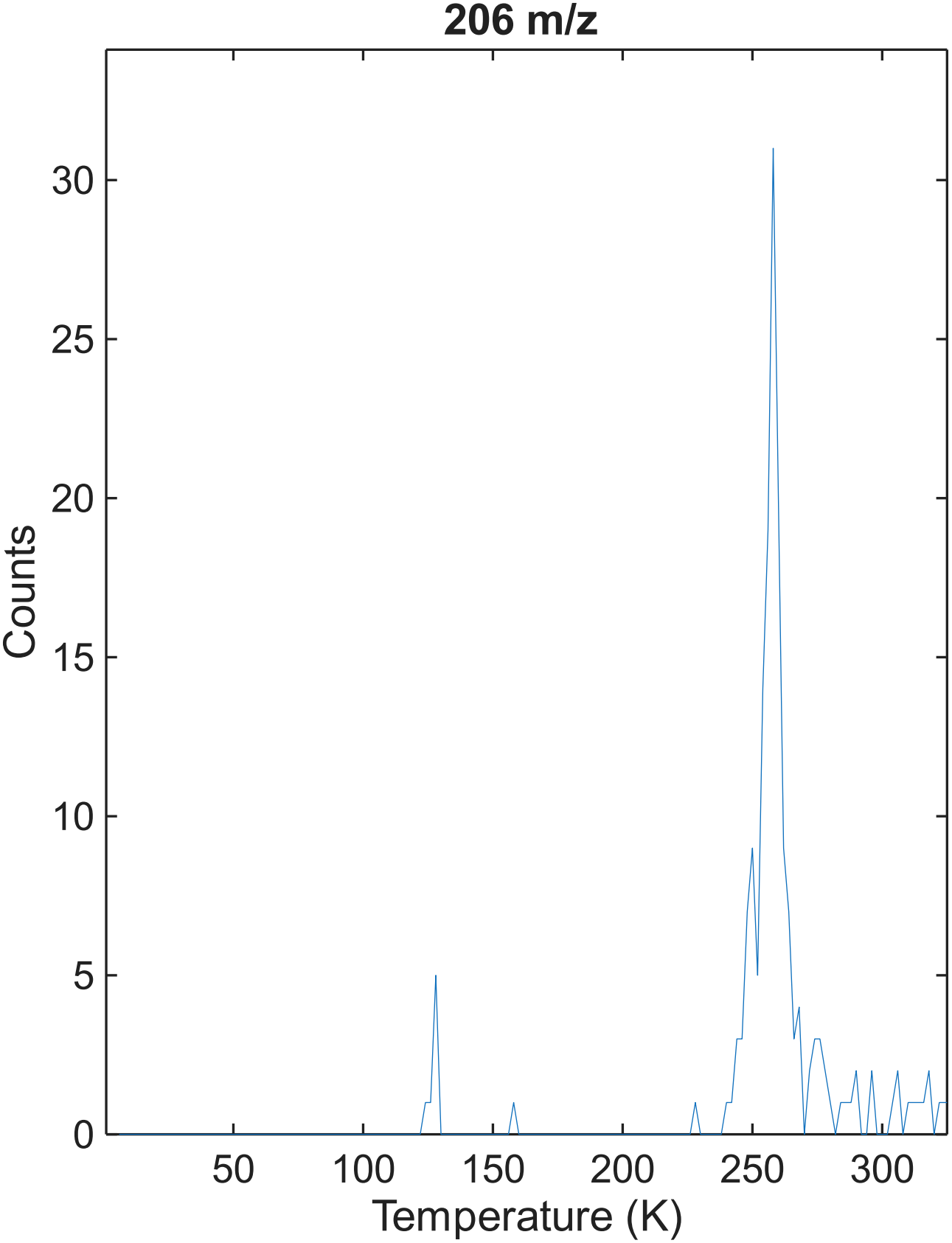
Temperature (K)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Counts
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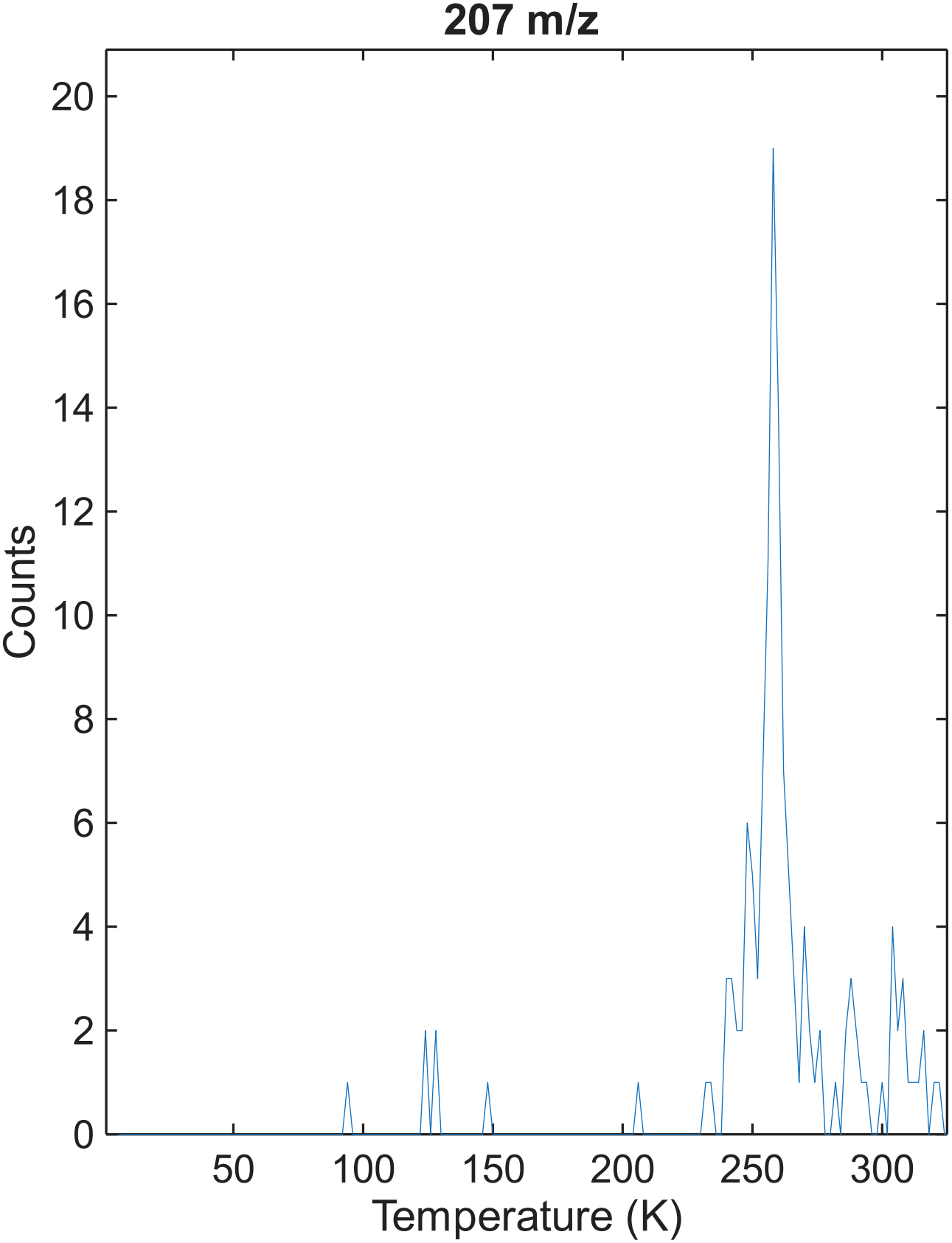
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Counts
Temperature (K)
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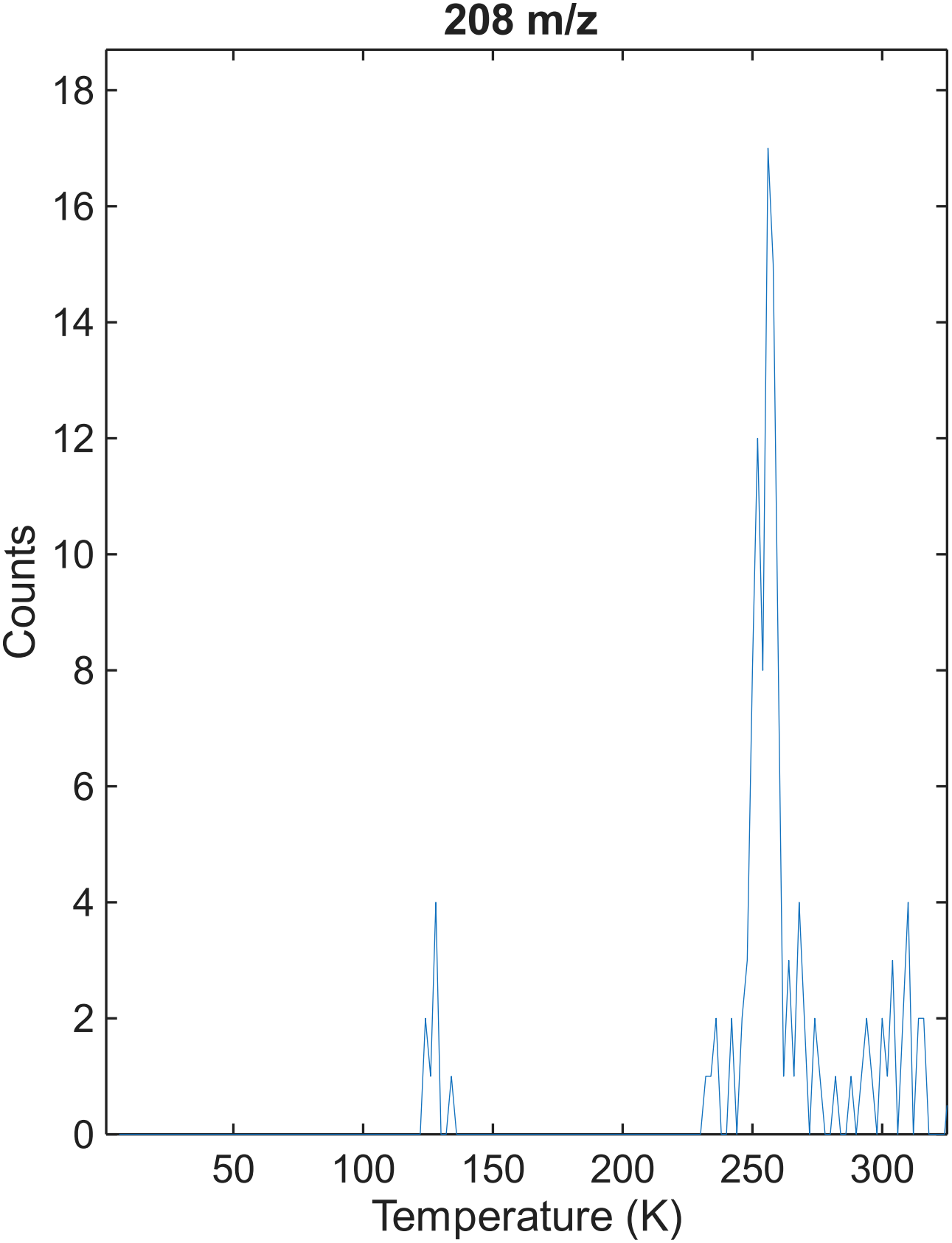
208 m/z
Counts
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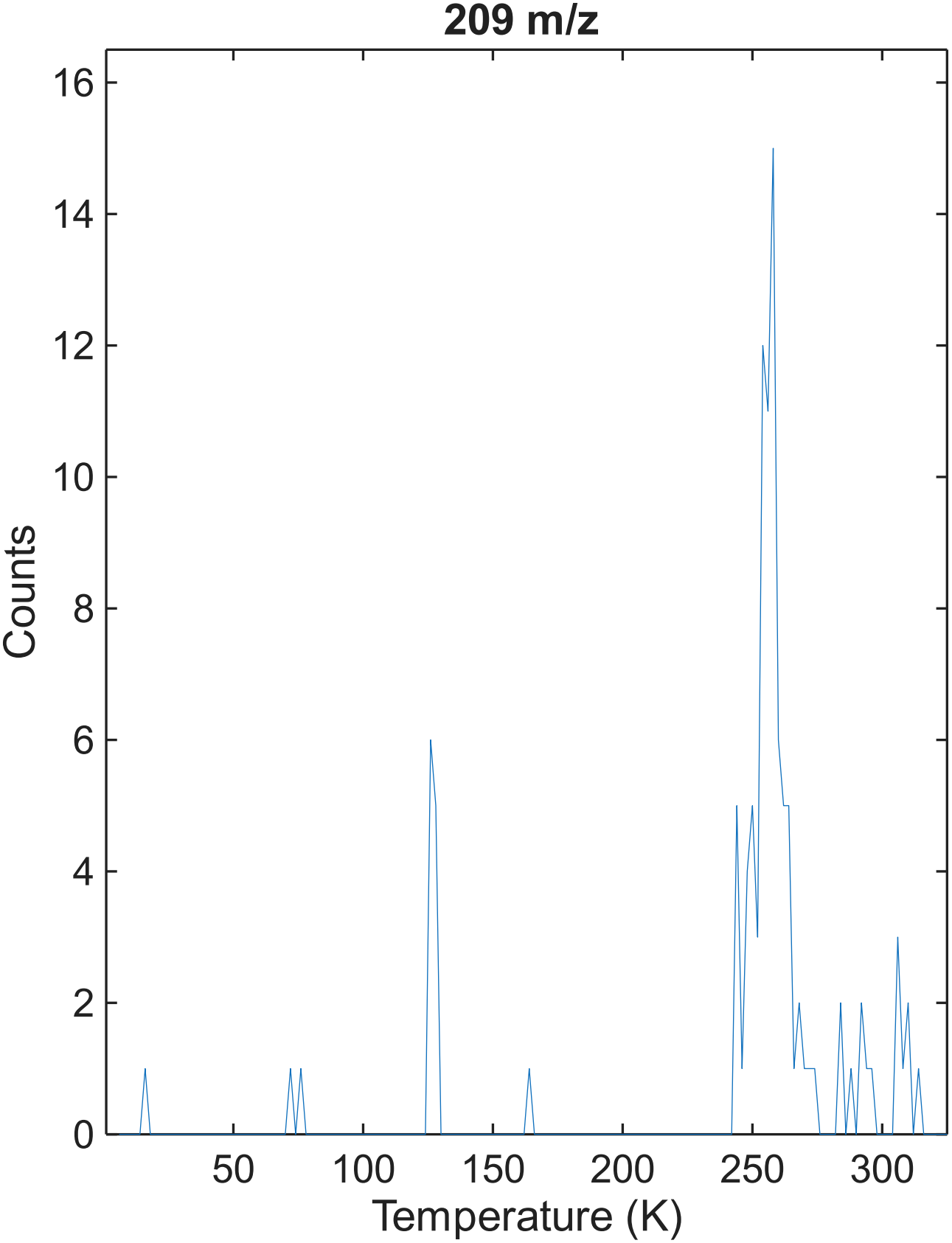
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Counts
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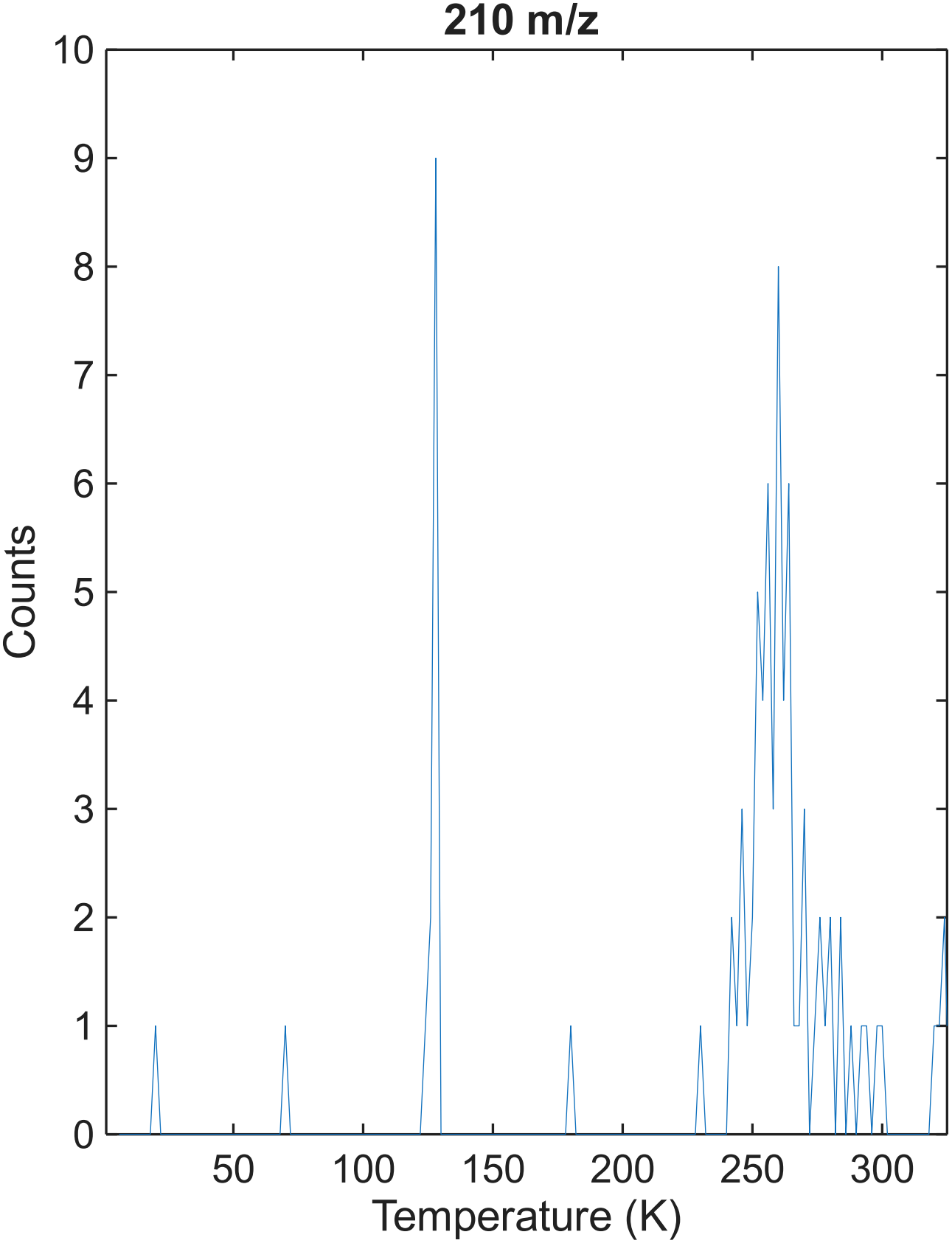
Temperature (K)


210 m/z
Counts
Temperature (K)
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250
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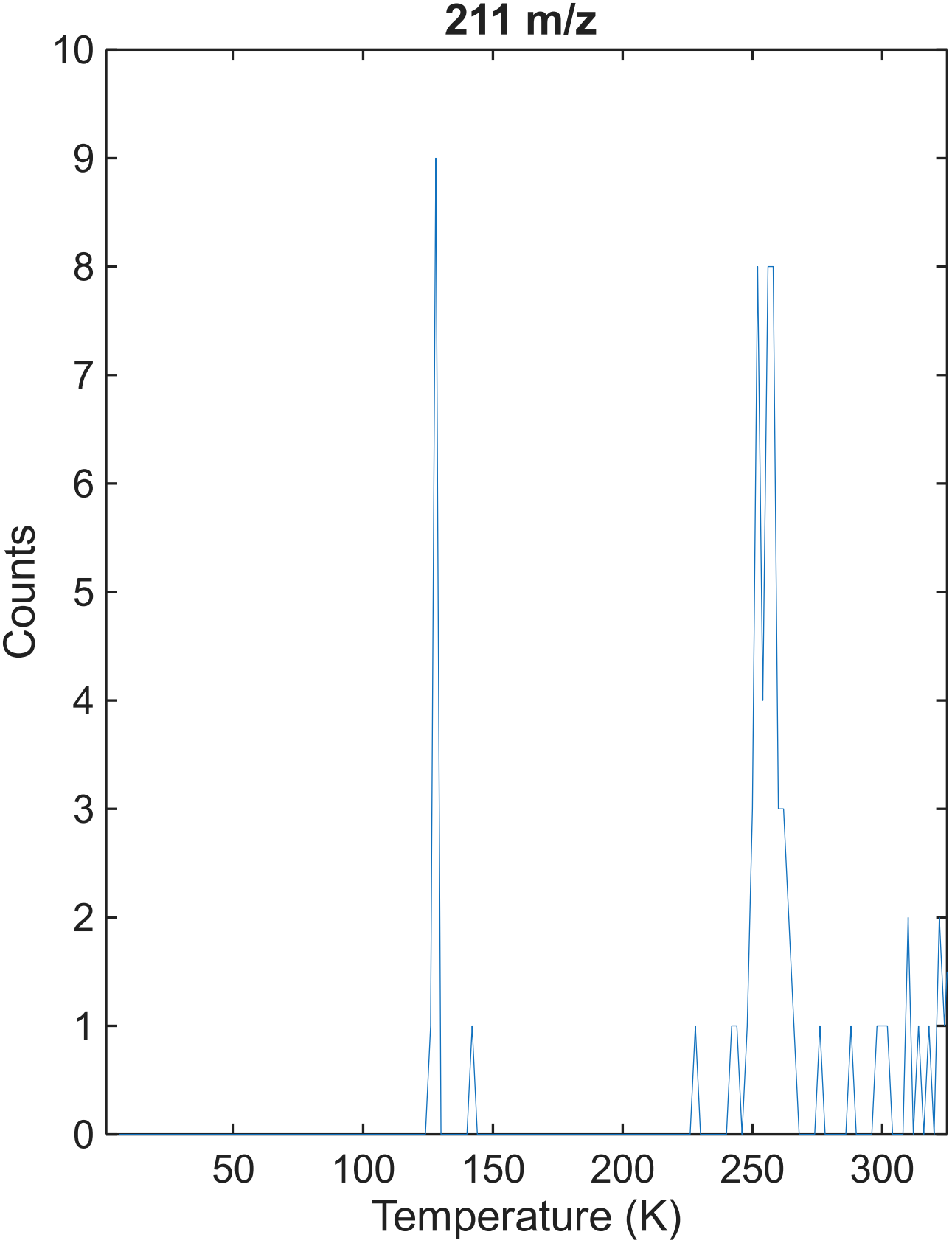
211 m/z
Counts
Temperature (K)
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4
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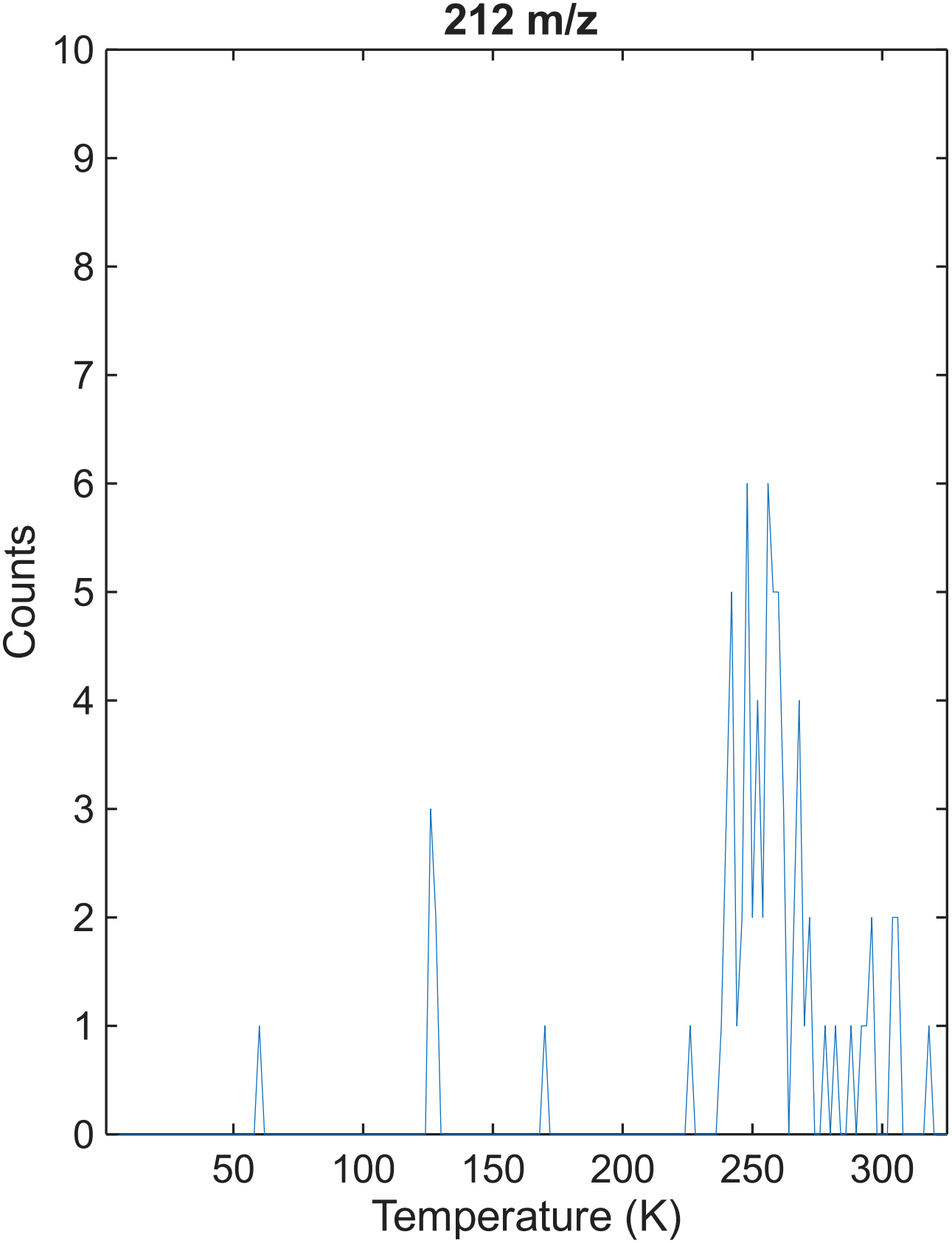
212 m/z
Counts
Temperature (K)
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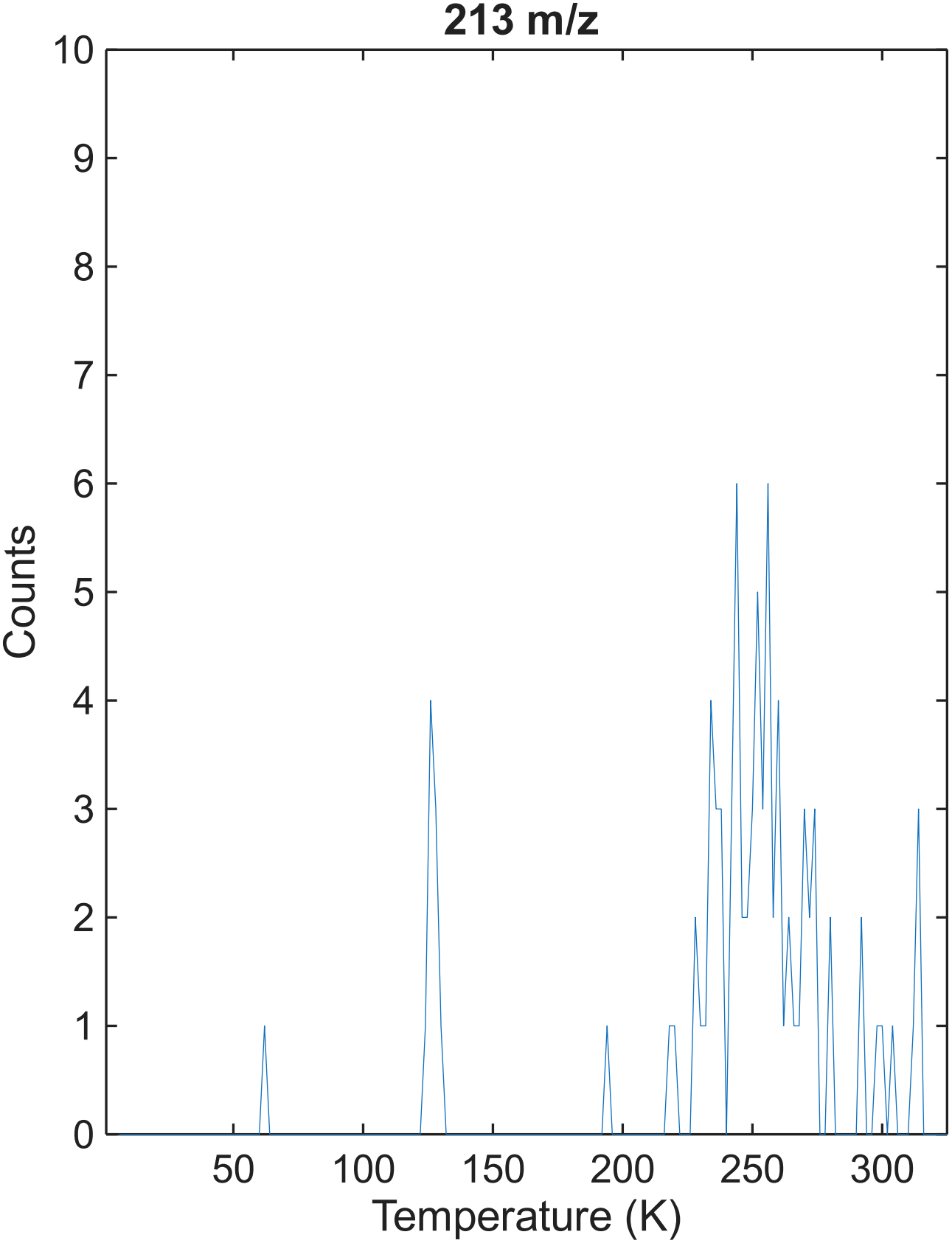
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Counts
Temperature (K)
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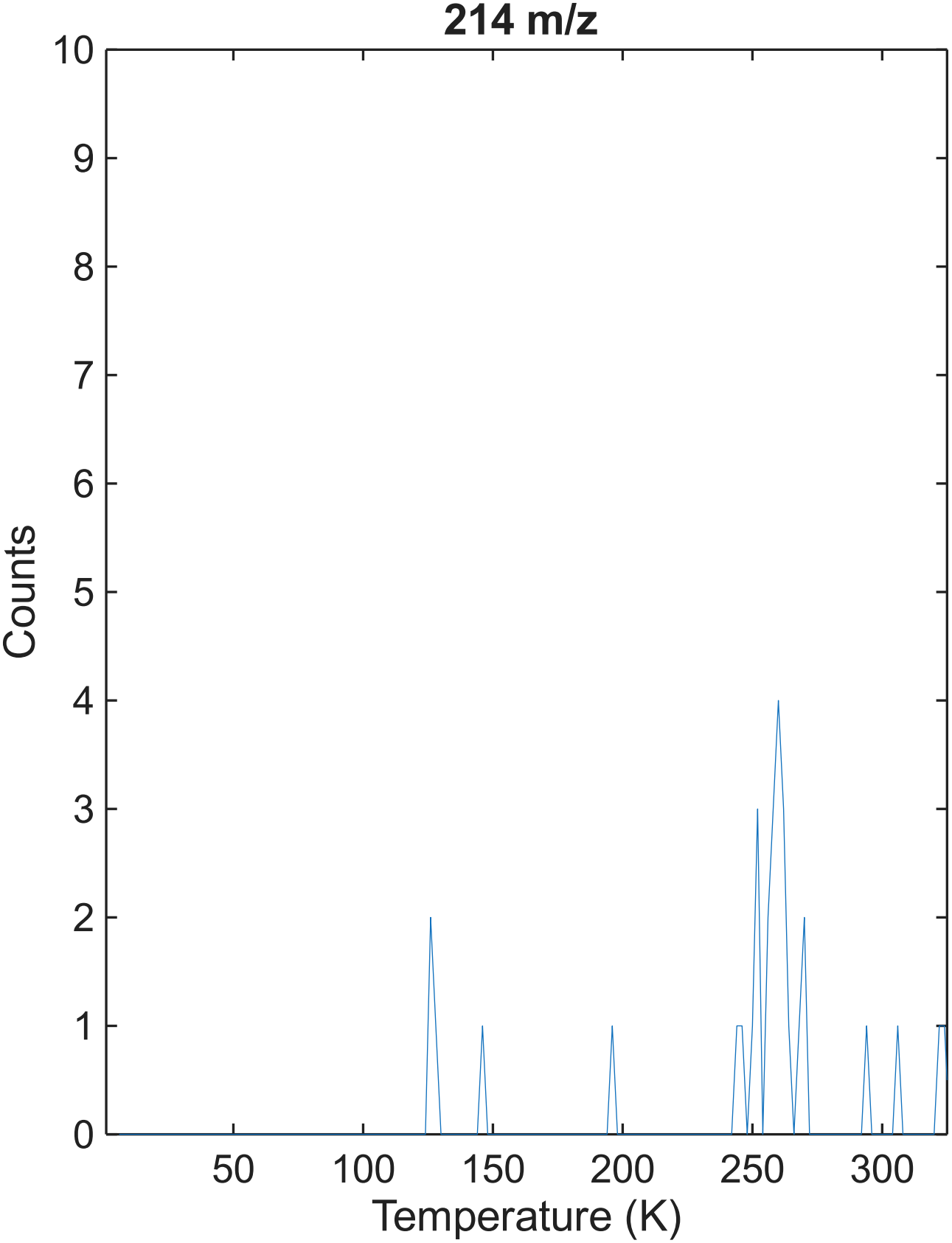
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Temperature (K)
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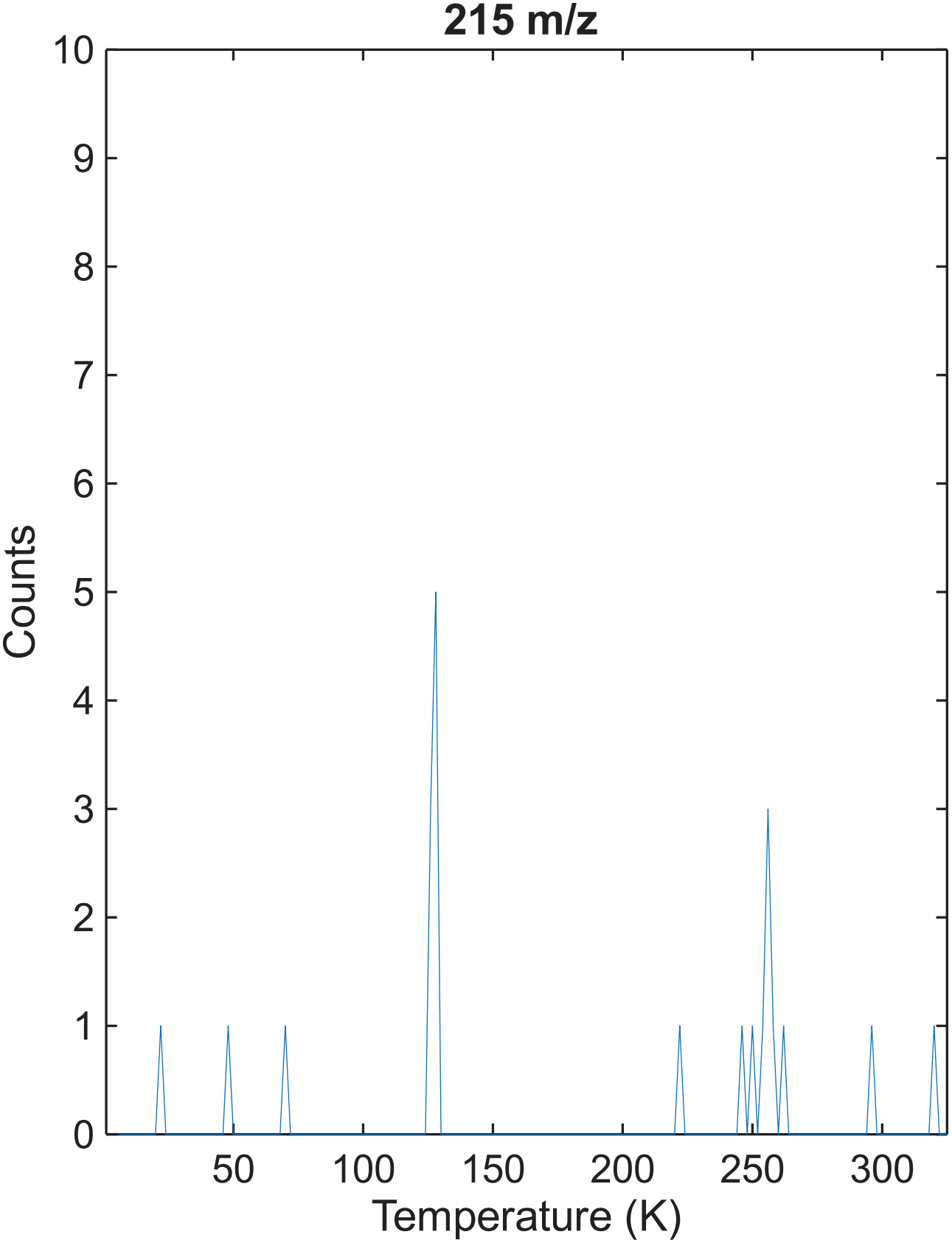
215 m/z
Counts
Temperature (K)
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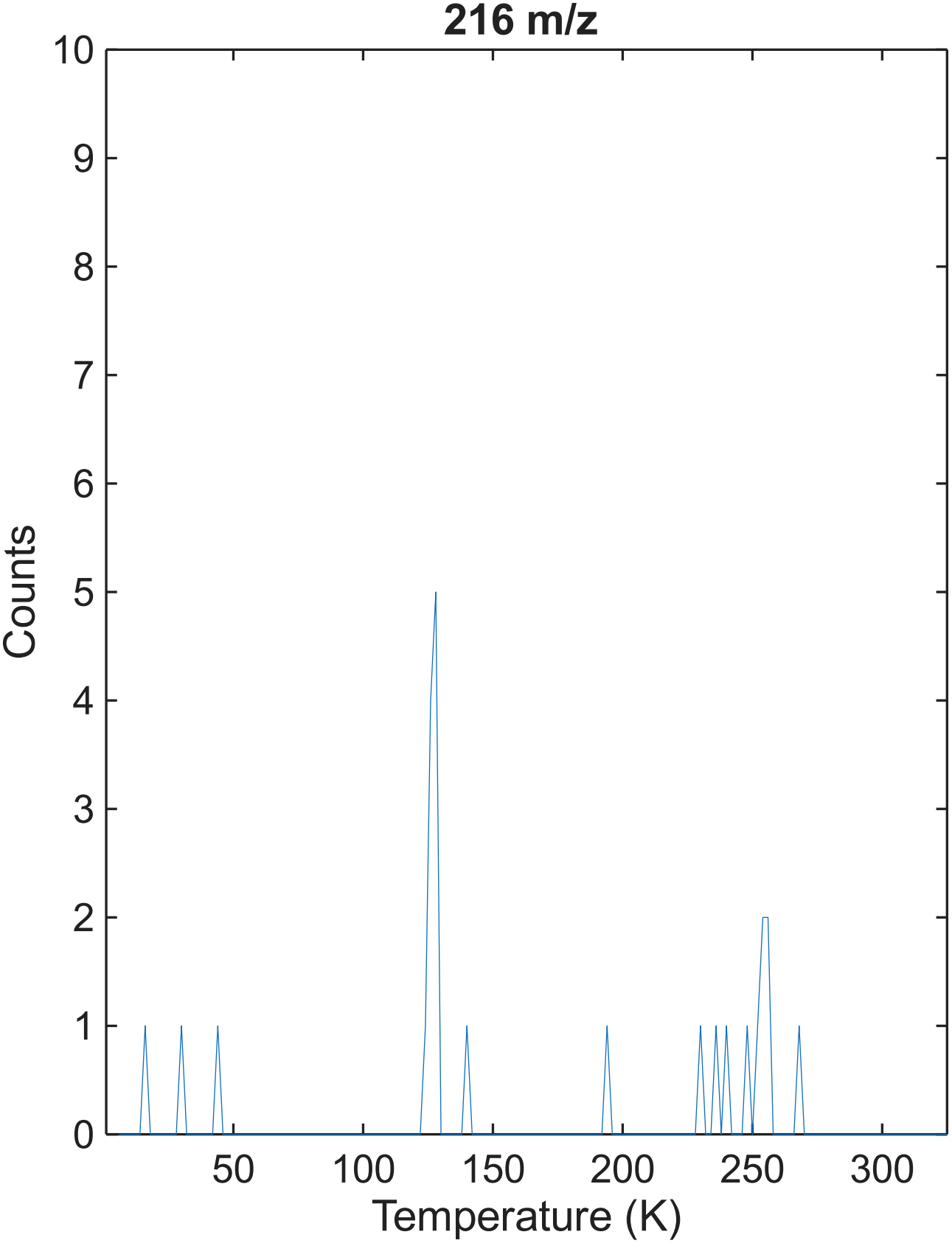
216 m/z
Counts
Temperature (K)
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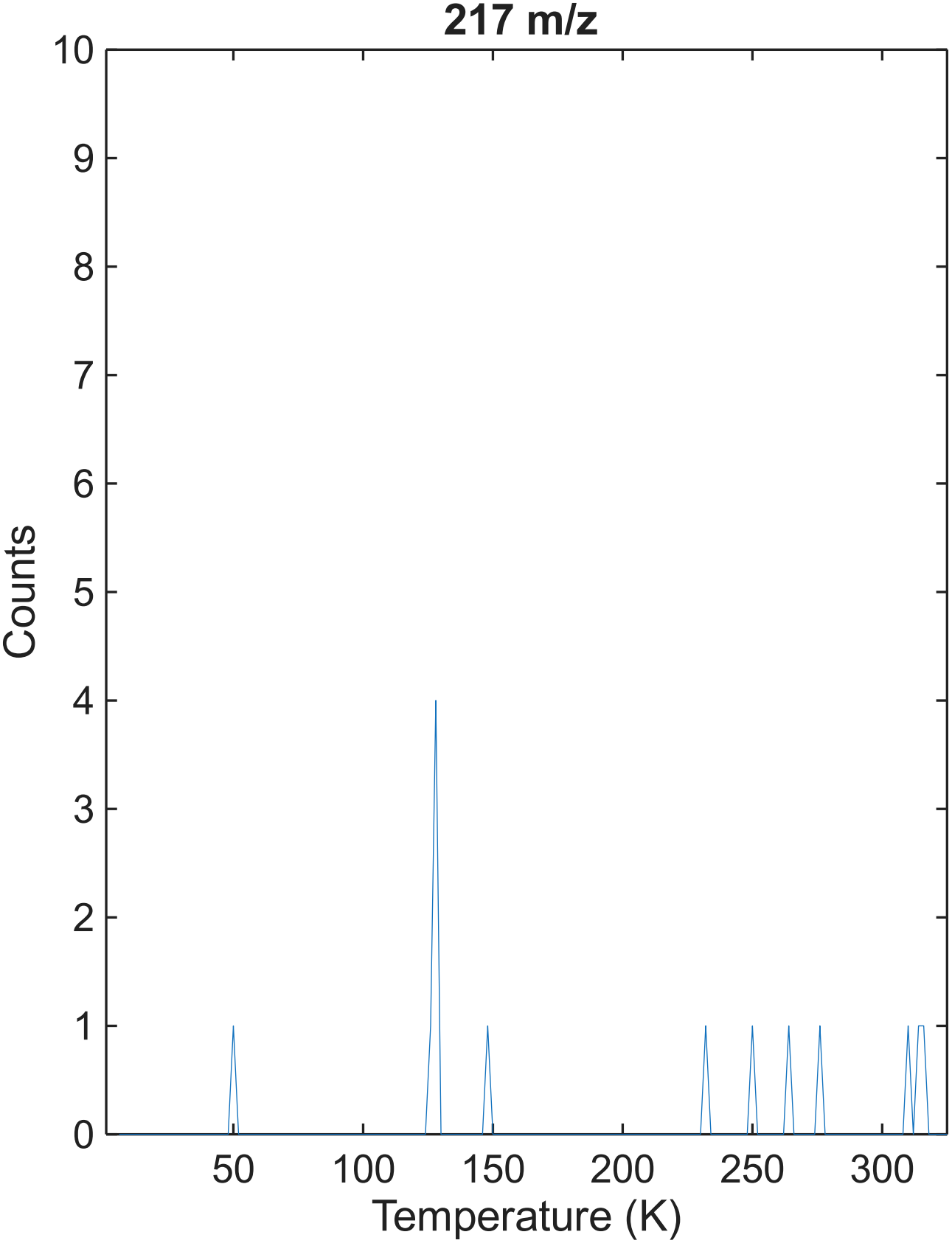
217 m/z
Counts
Temperature (K)
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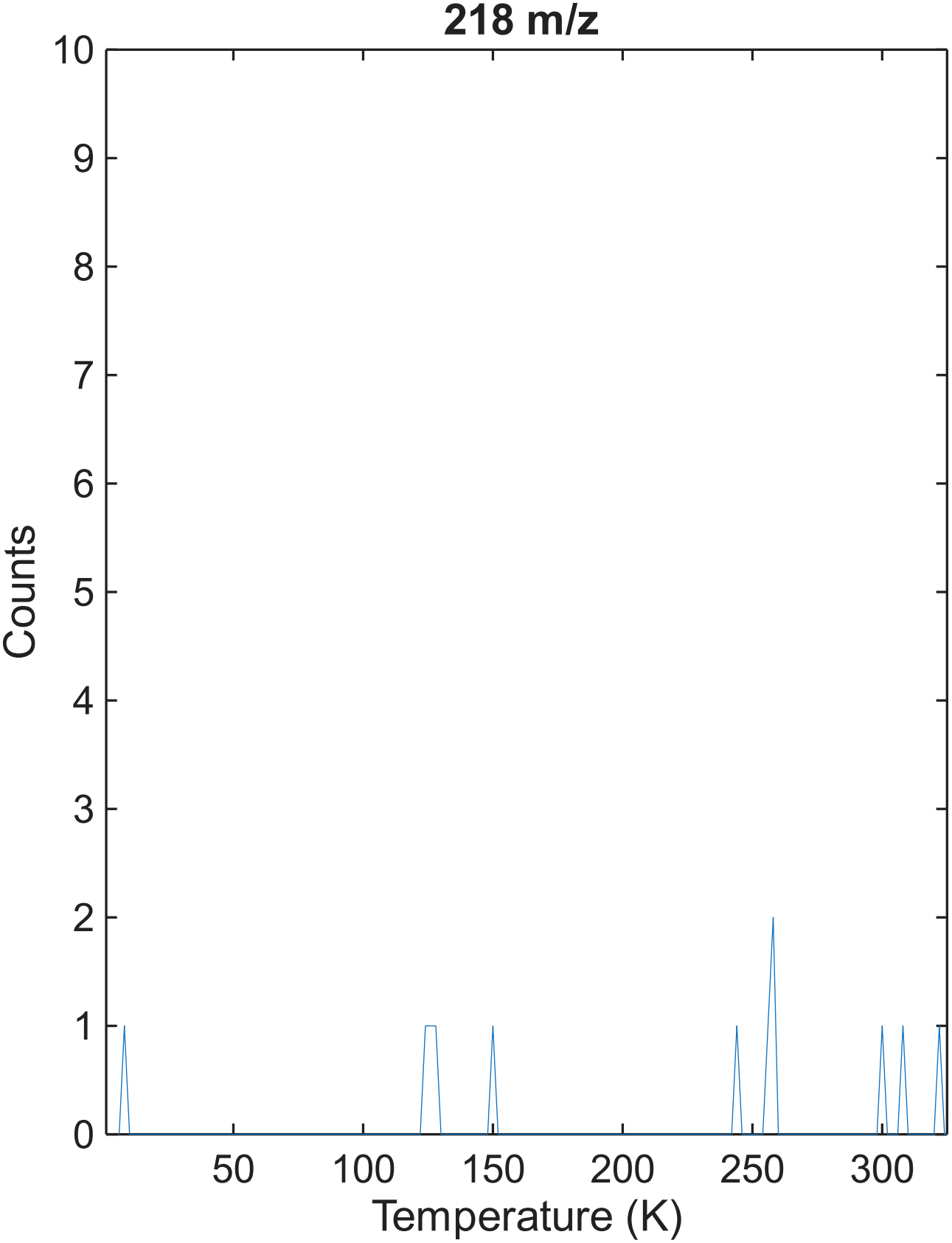
218 m/z
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Temperature (K)
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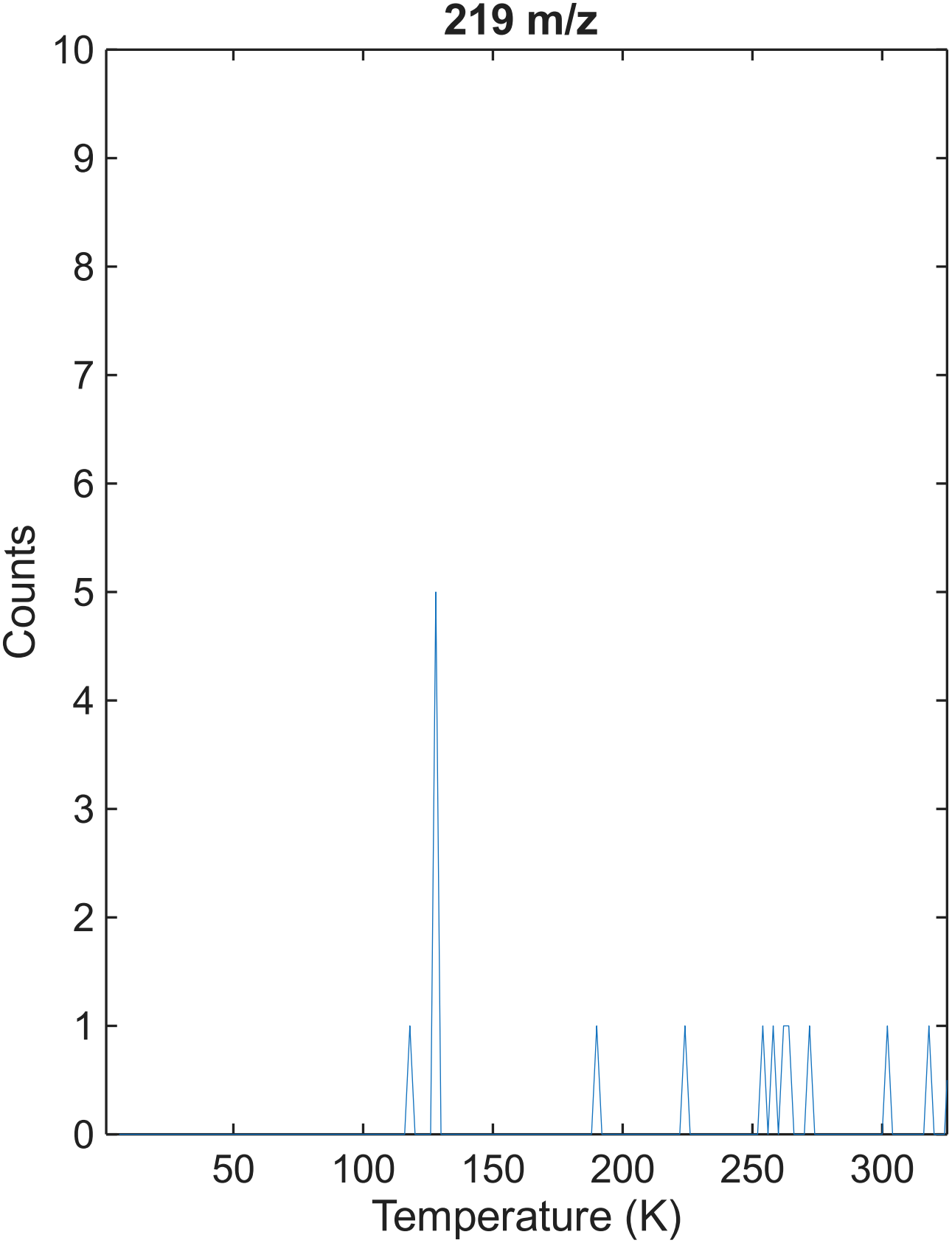
219 m/z
Counts
Temperature (K)
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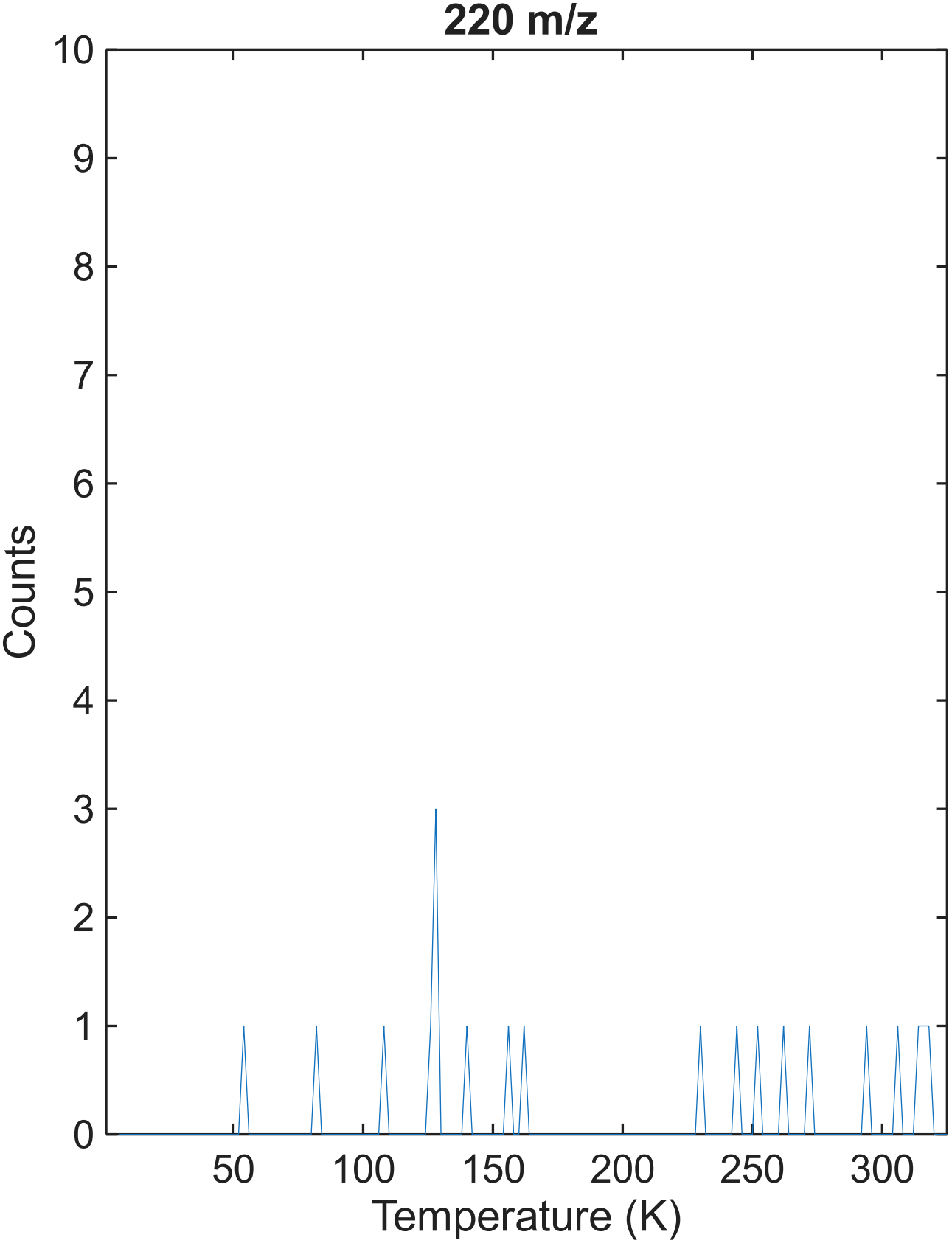
220 m/z
Counts
Temperature (K)
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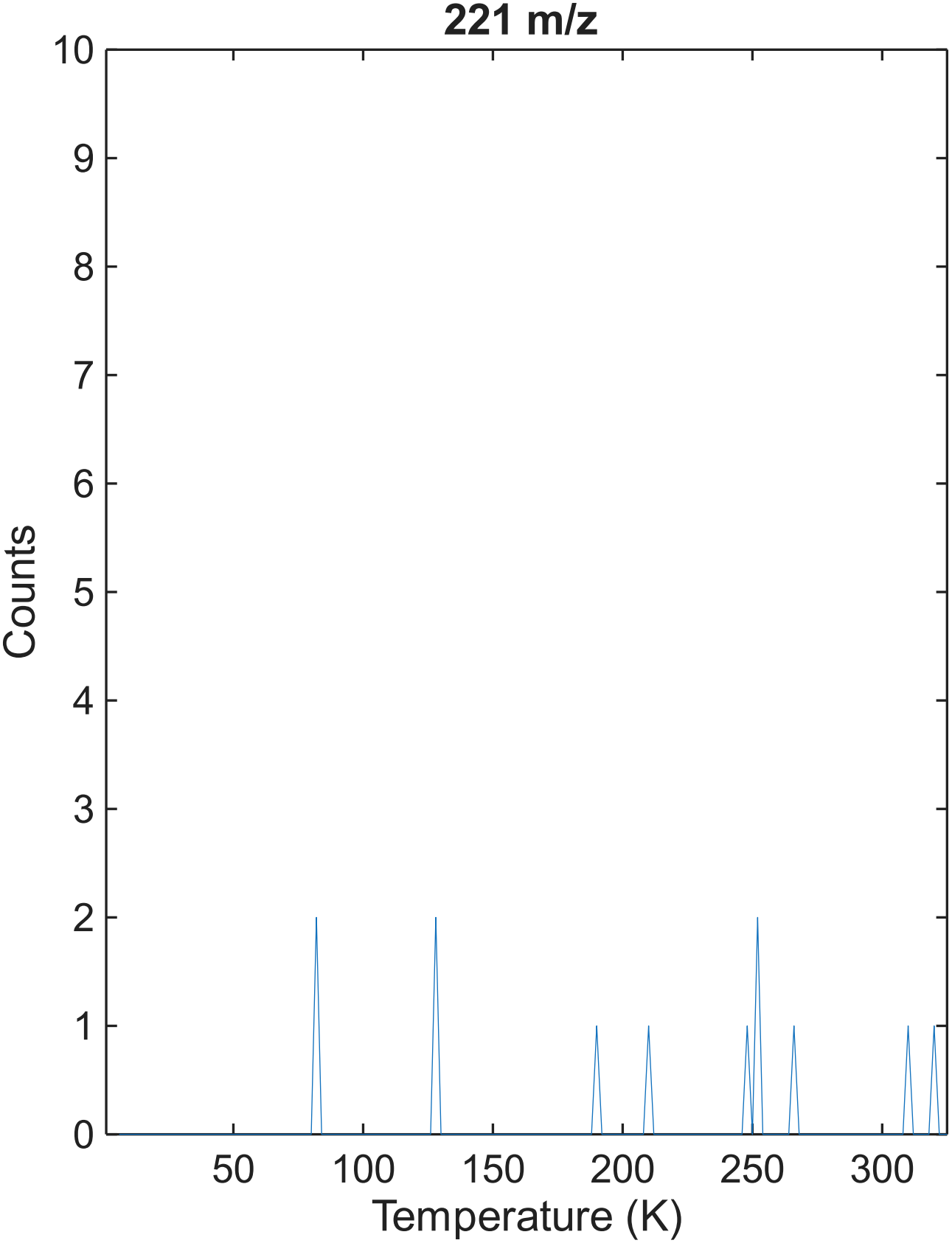
221 m/z
Counts
Temperature (K)
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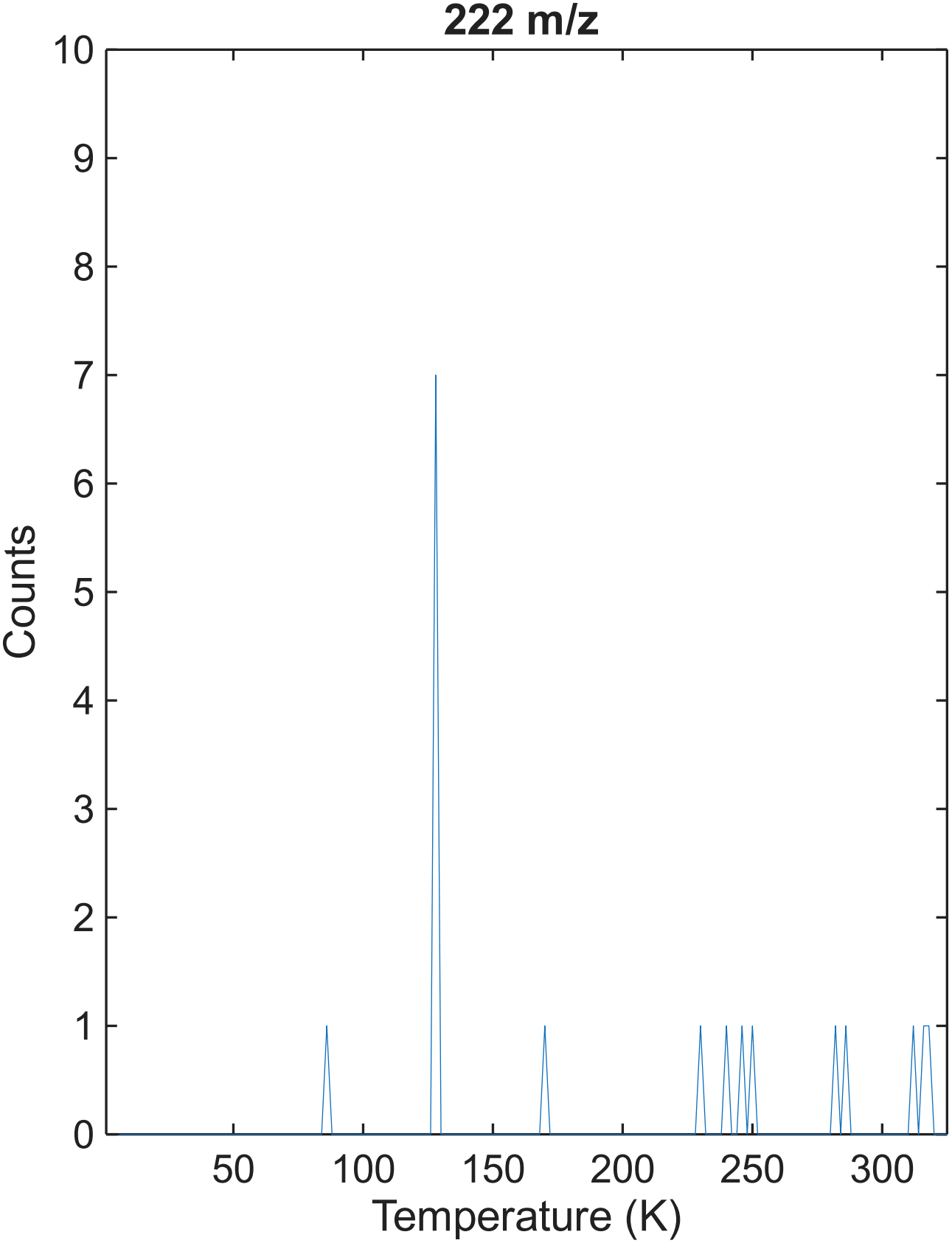
222 m/z
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Temperature (K)
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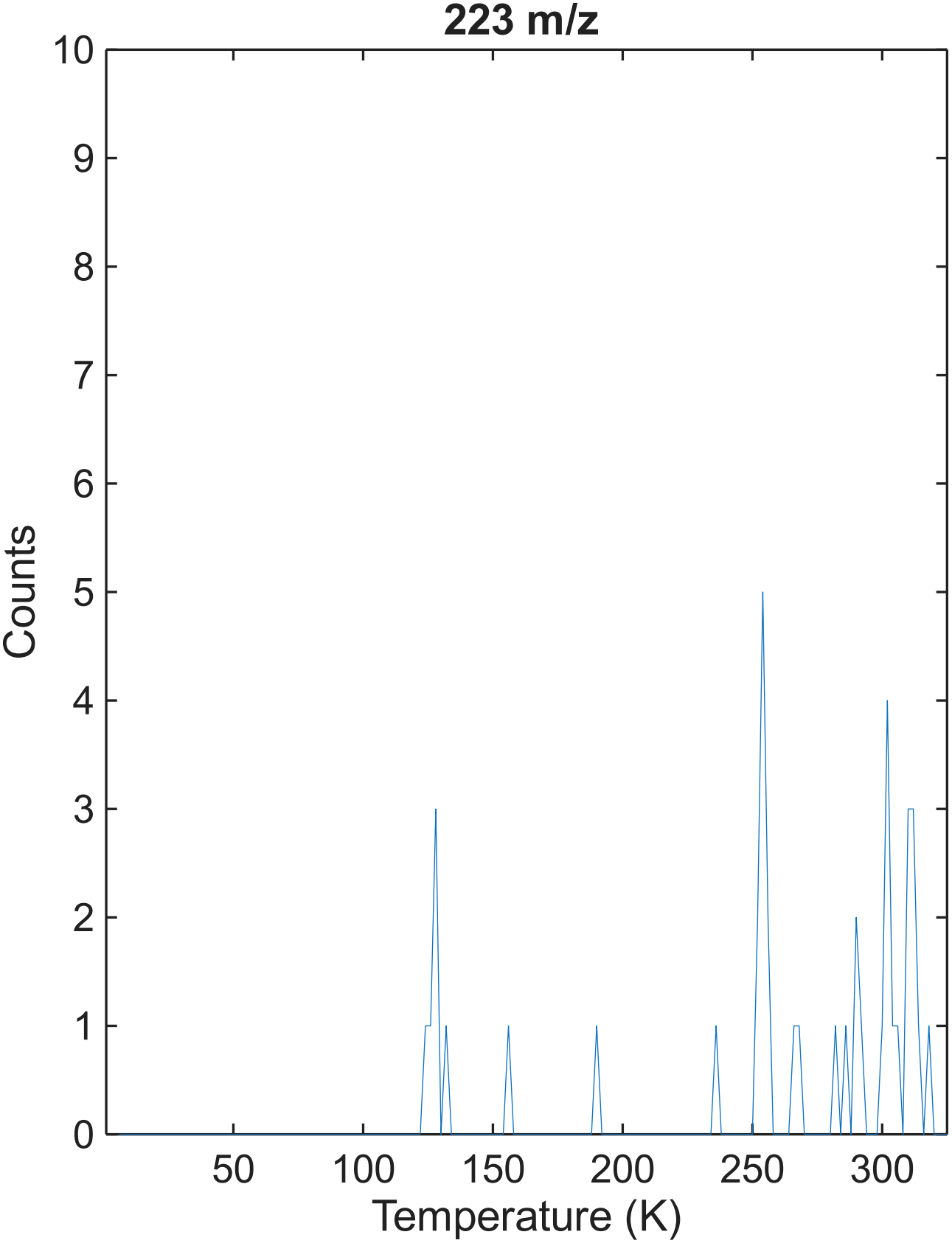
223 m/z
Counts
Temperature (K)
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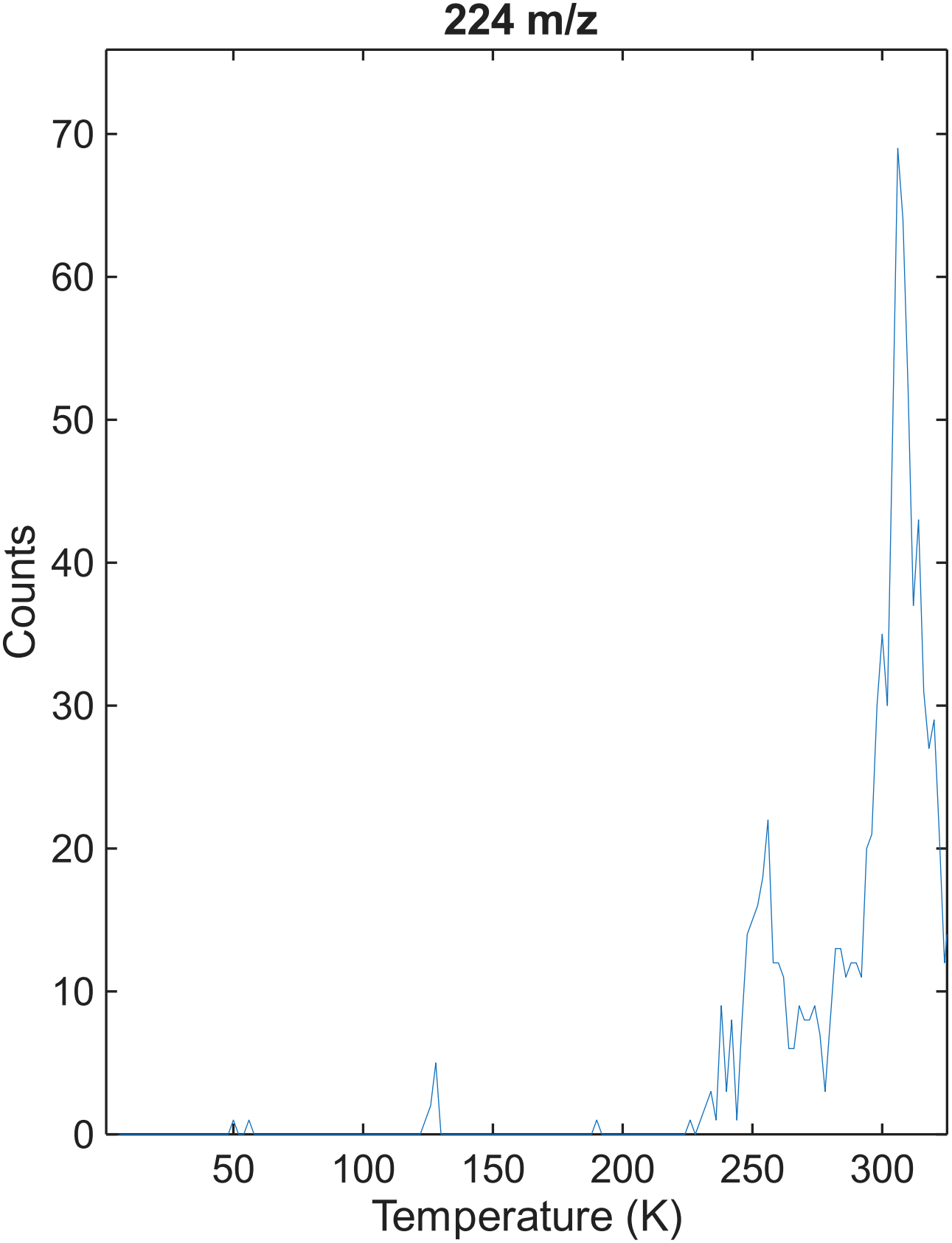
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Temperature (K)
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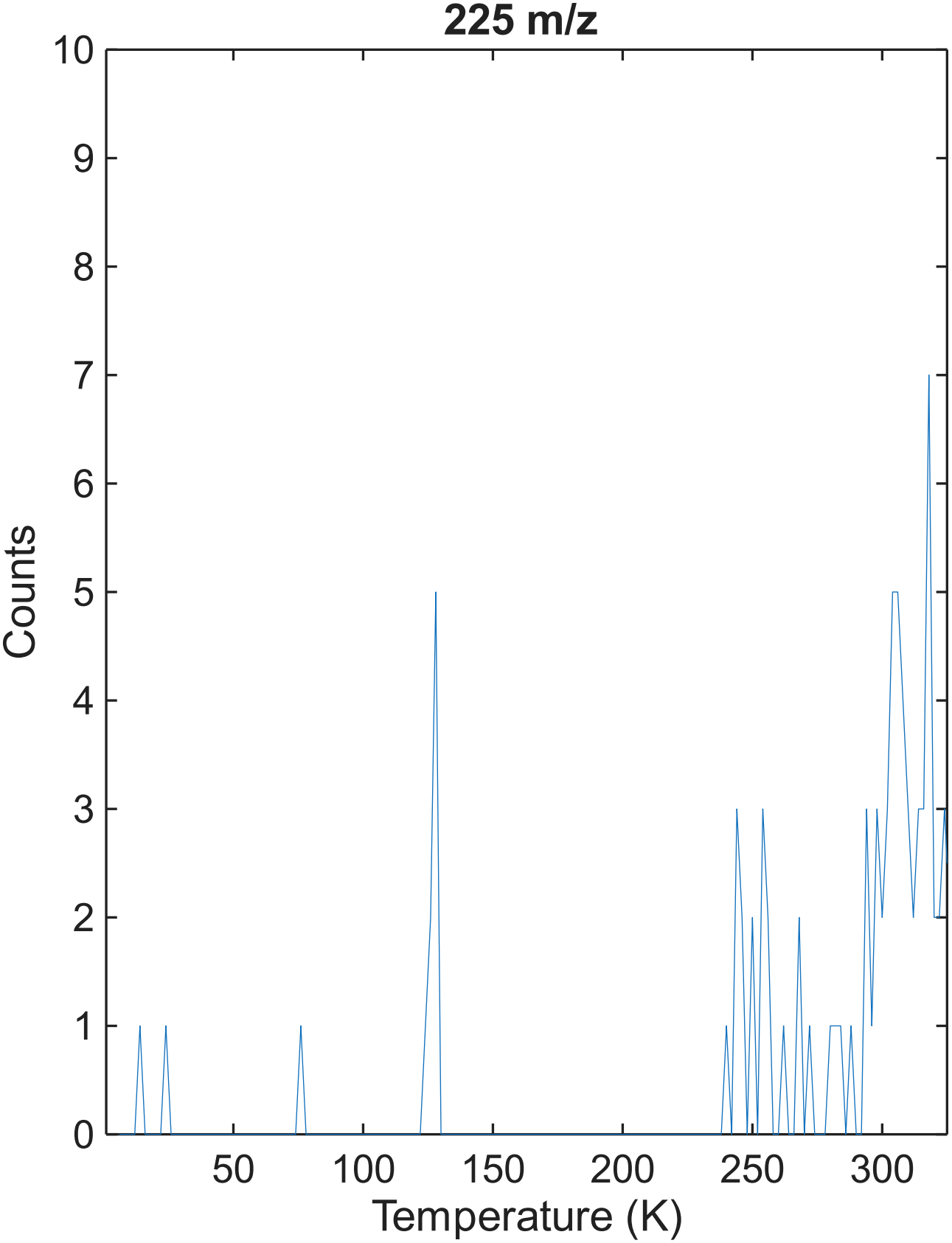
225 m/z
Counts
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250
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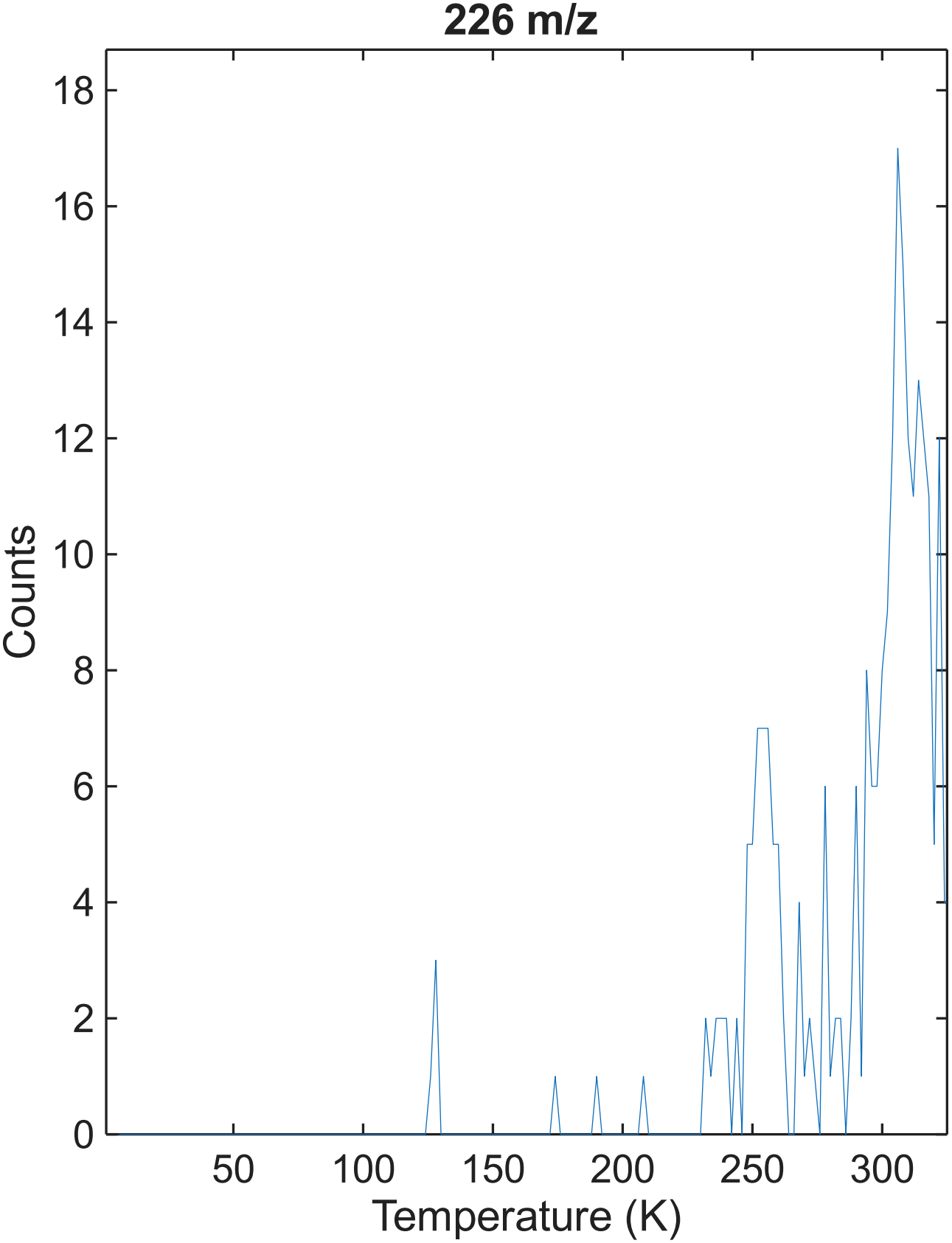
226 m/z
Counts
Temperature (K)
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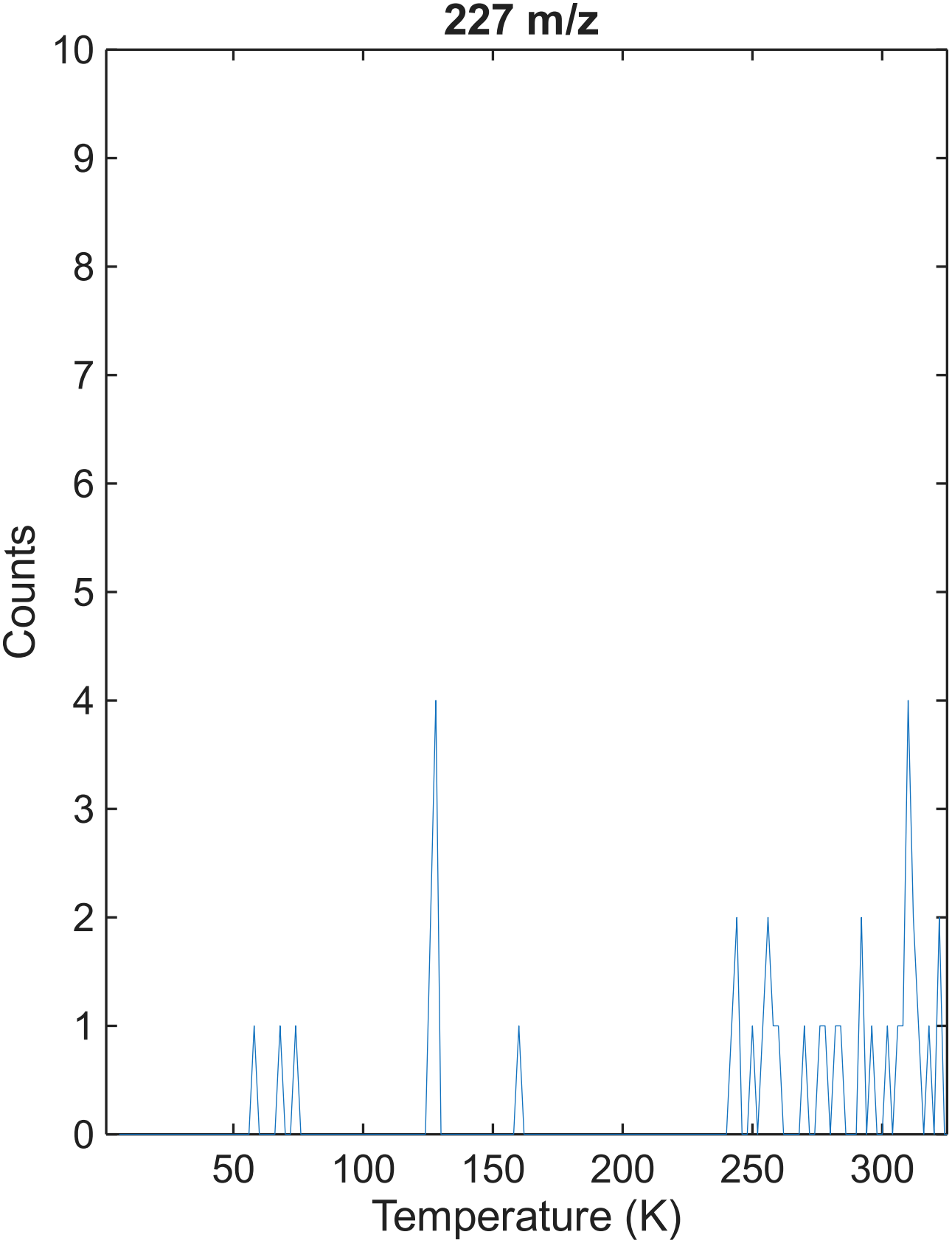
227 m/z
Counts
Temperature (K)
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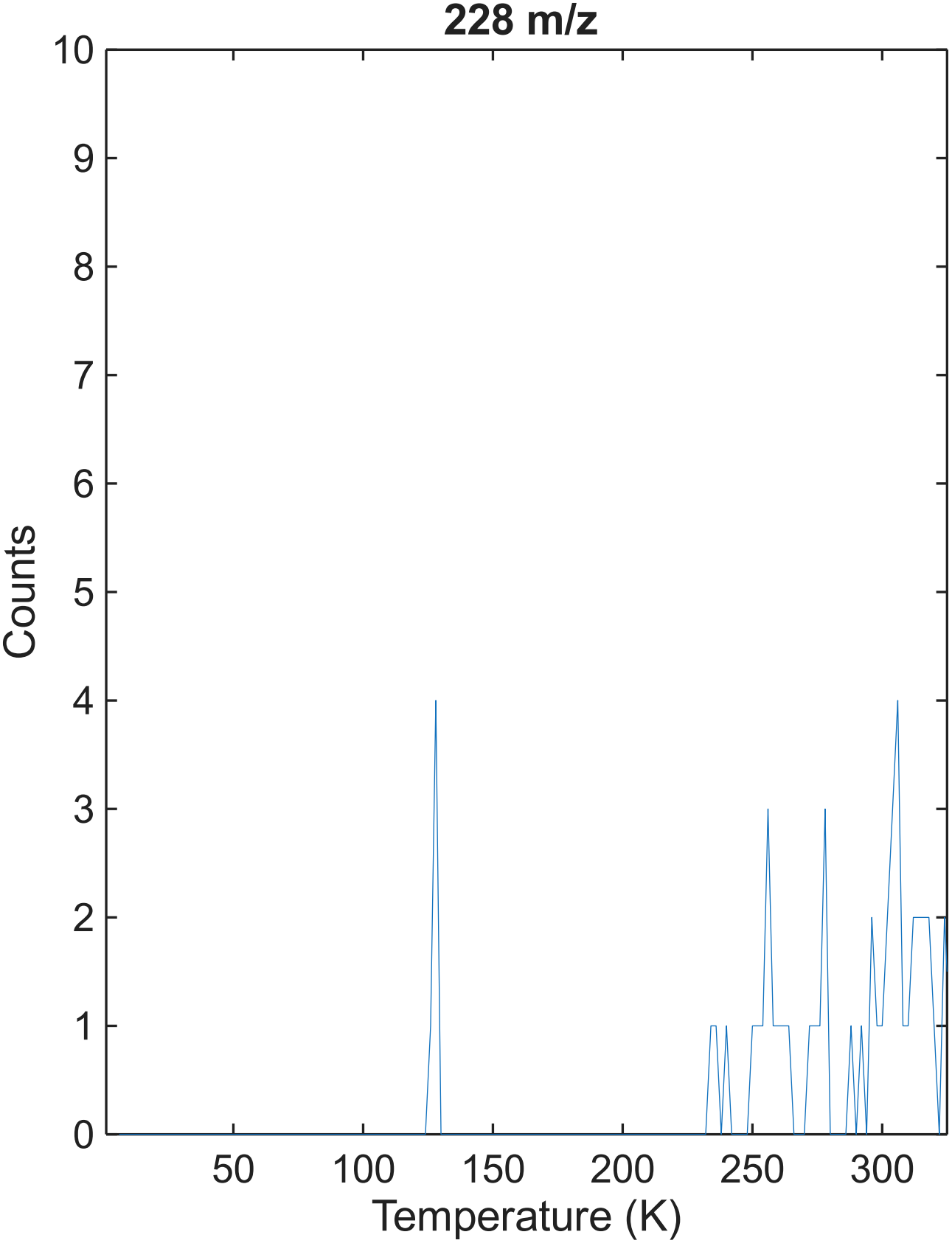
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Counts
Temperature (K)
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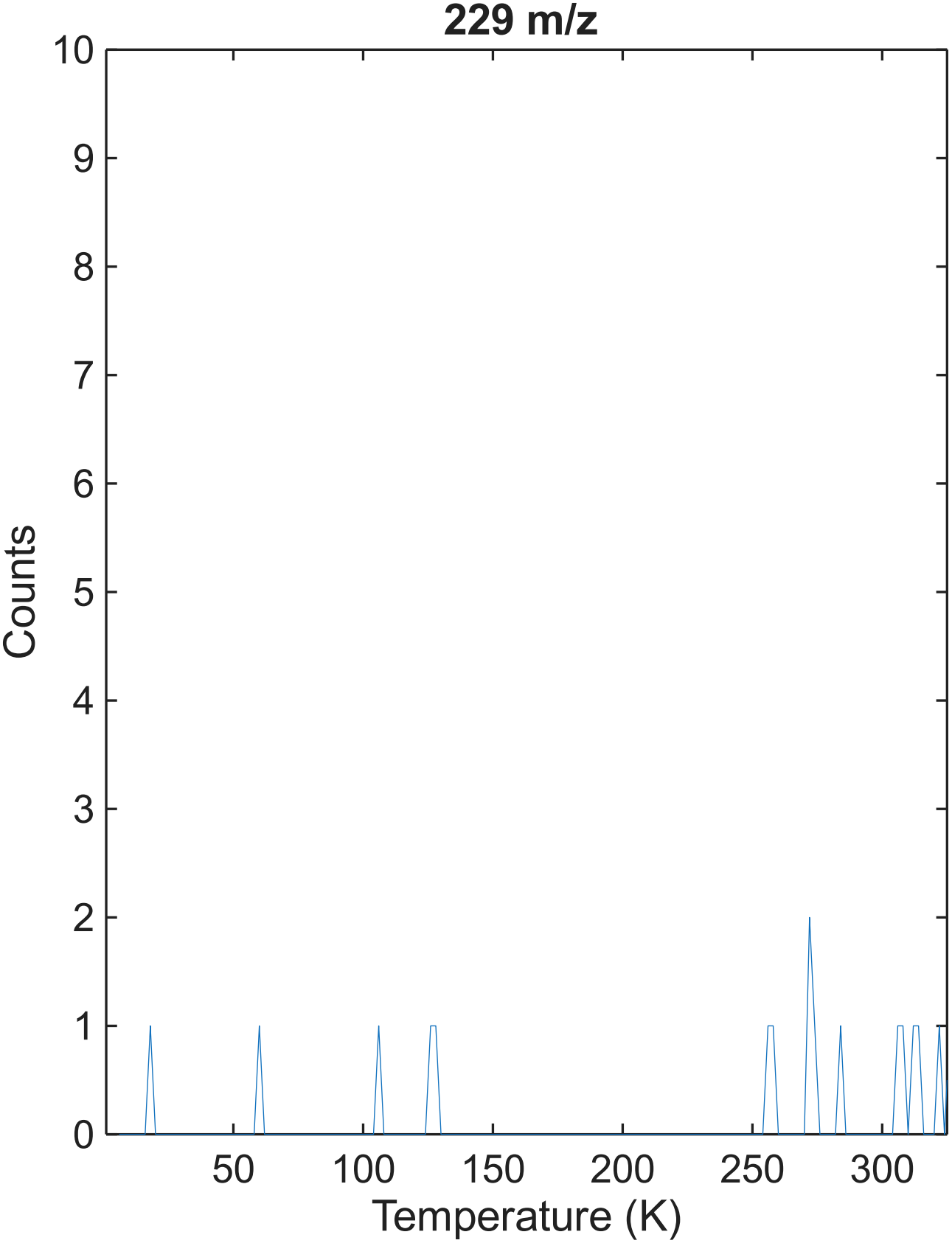
229 m/z
Counts
Temperature (K)
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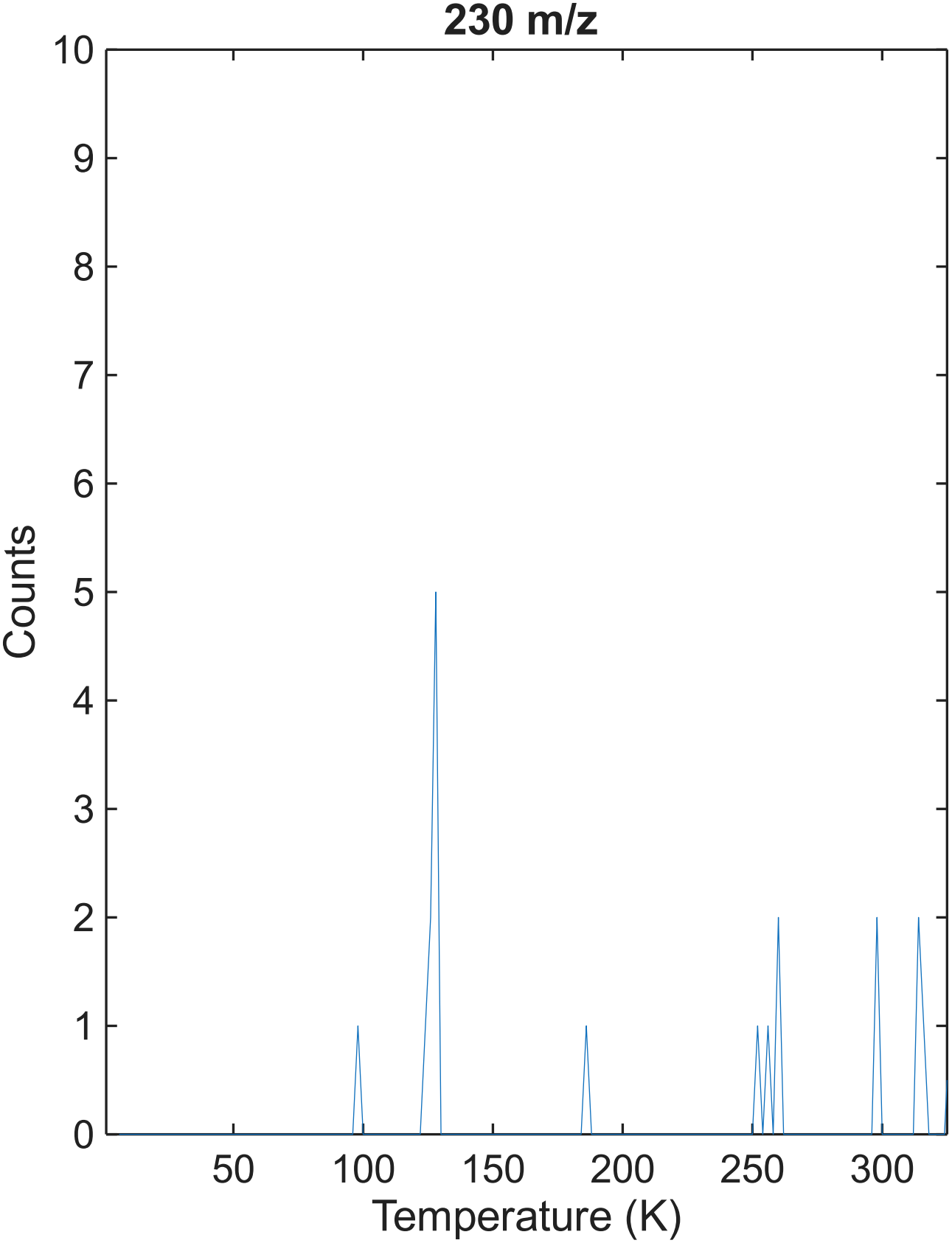
230 m/z
Counts
Temperature (K)
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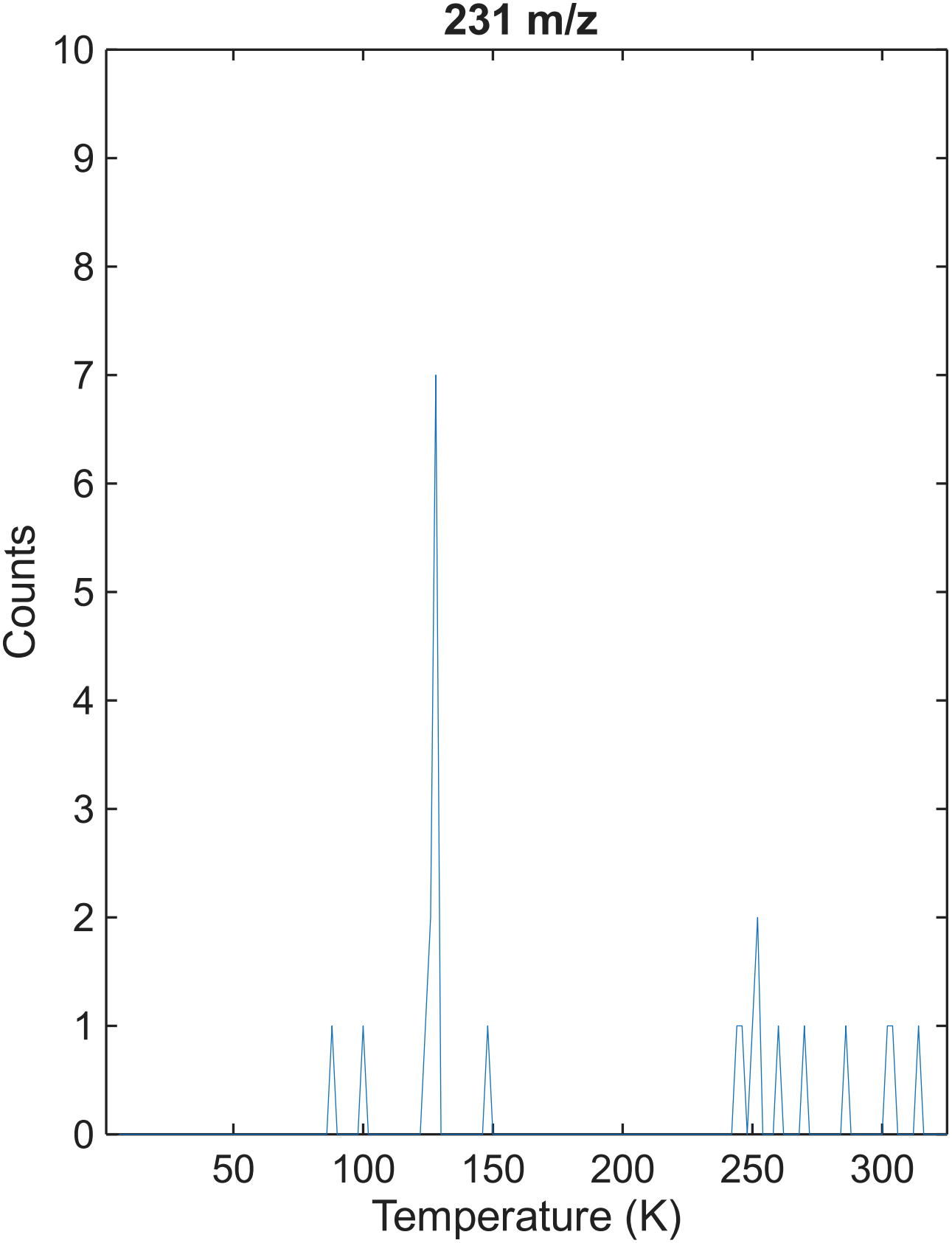
231 m/z
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Temperature (K)
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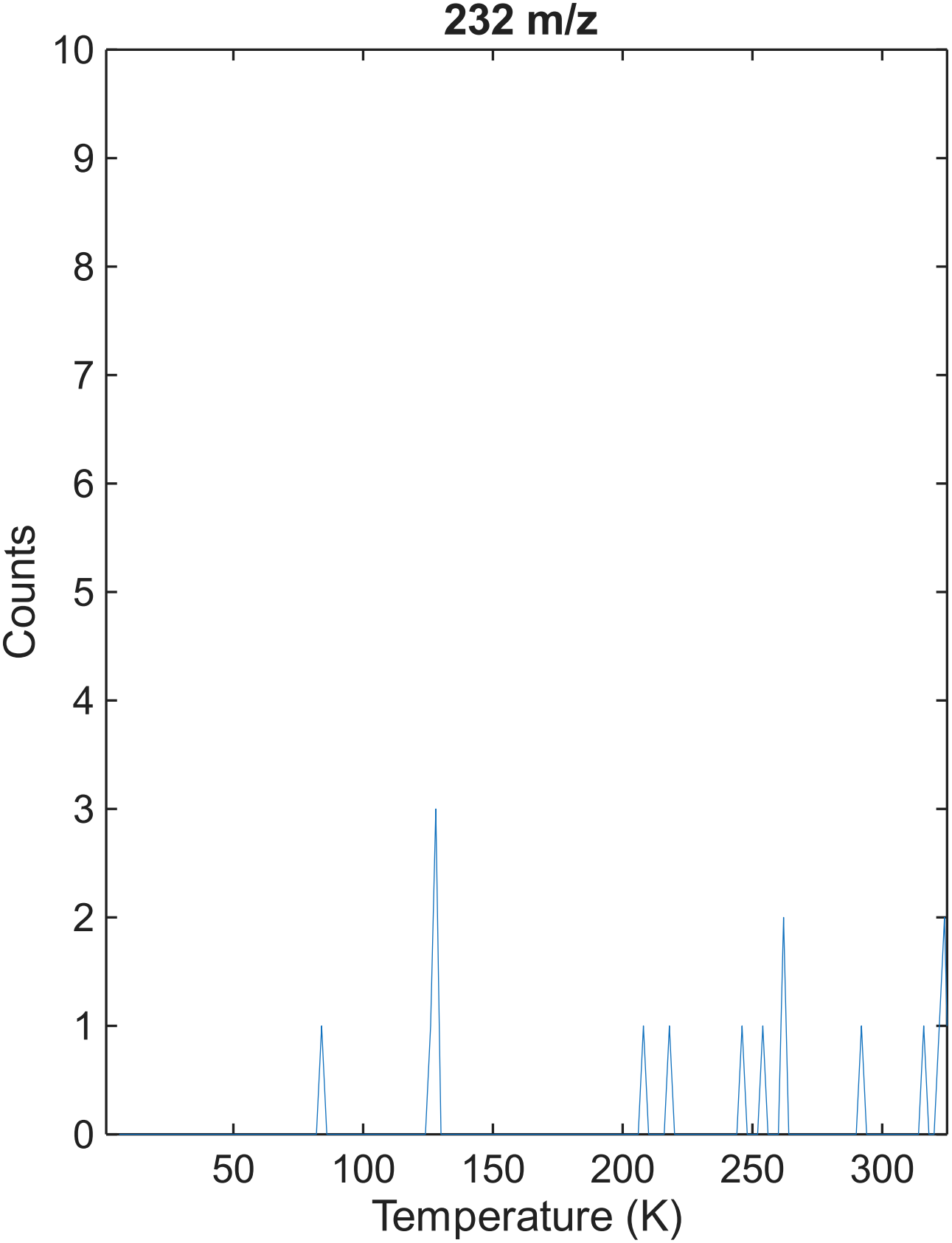
232 m/z
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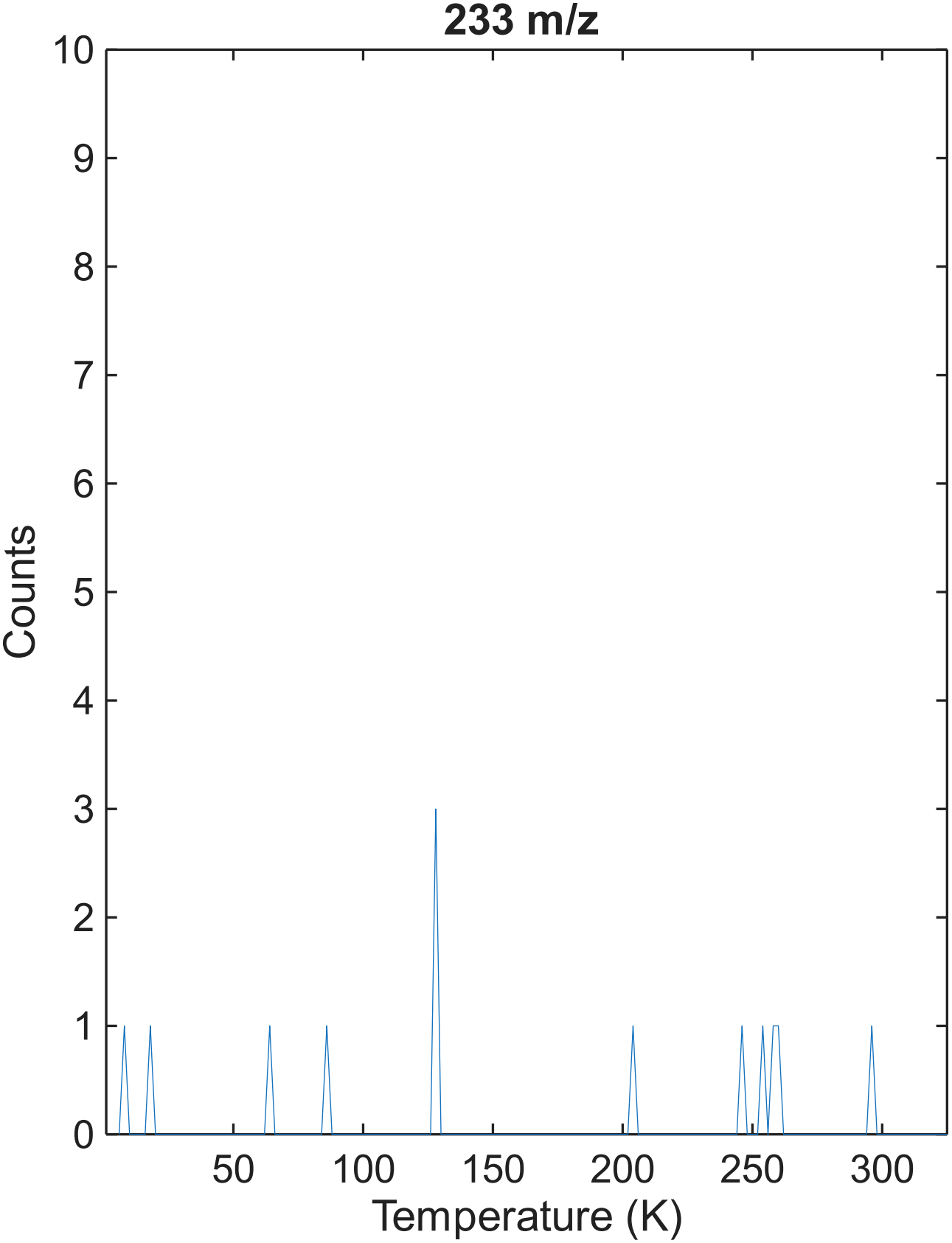
233 m/z
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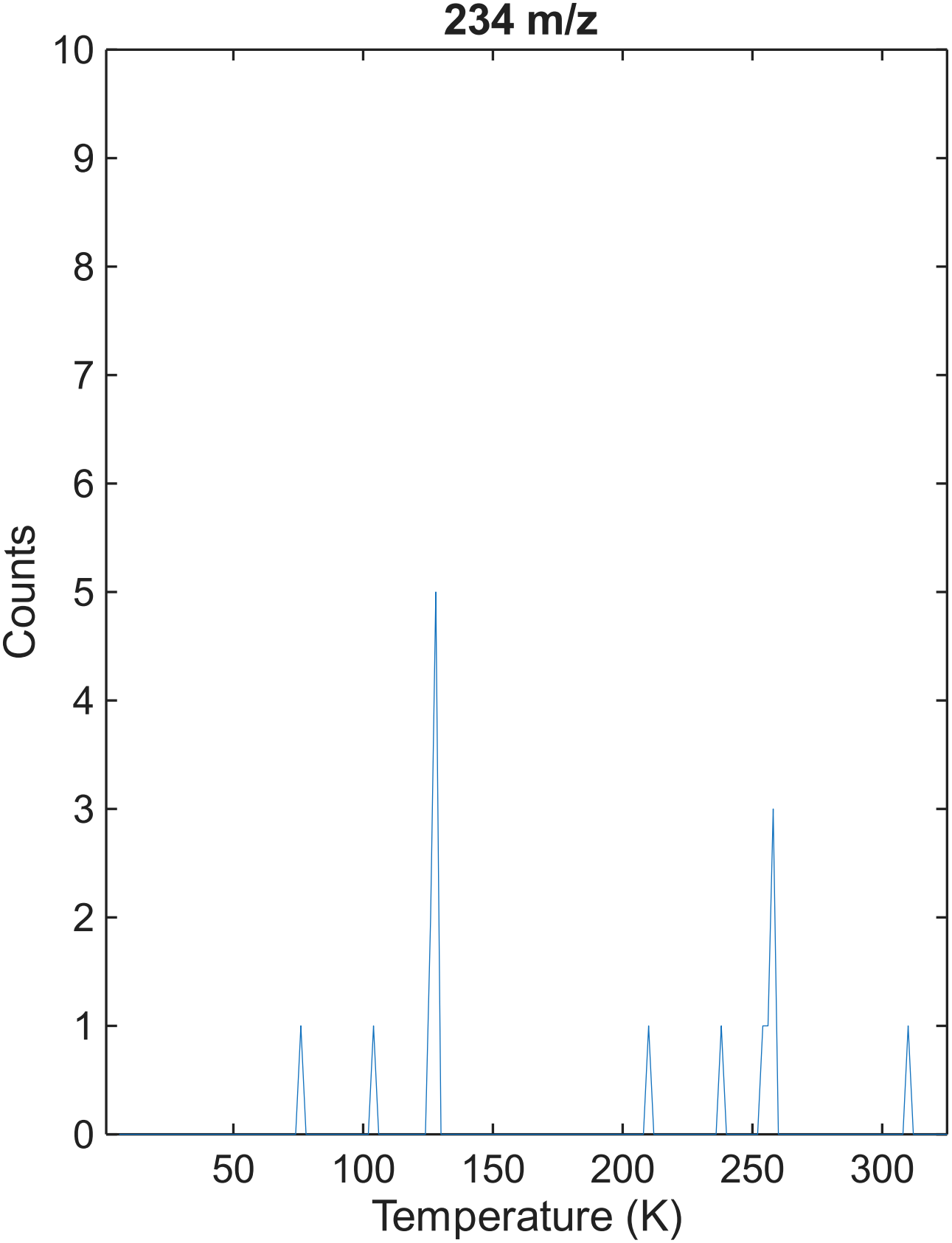
234 m/z
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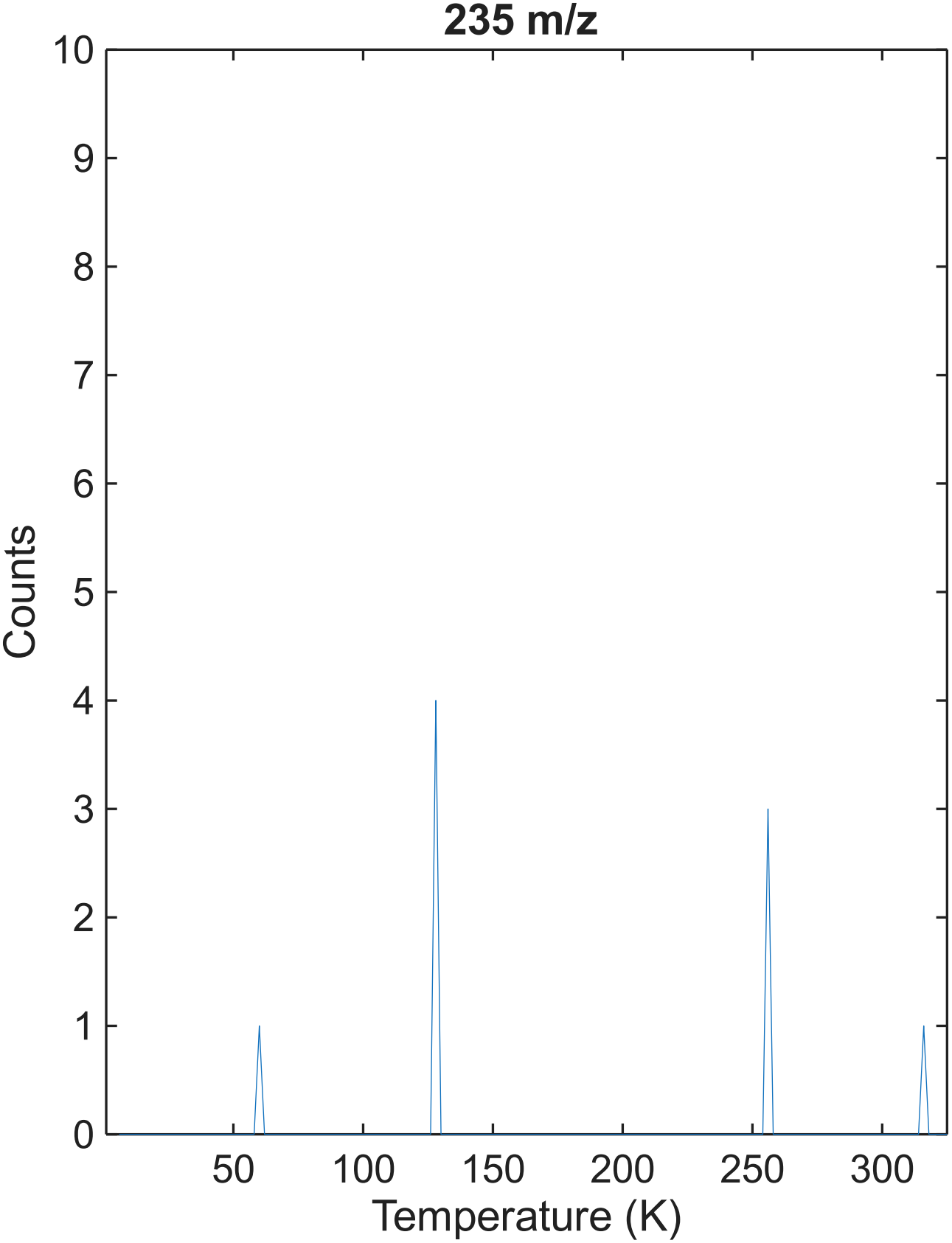
235 m/z
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Temperature (K)
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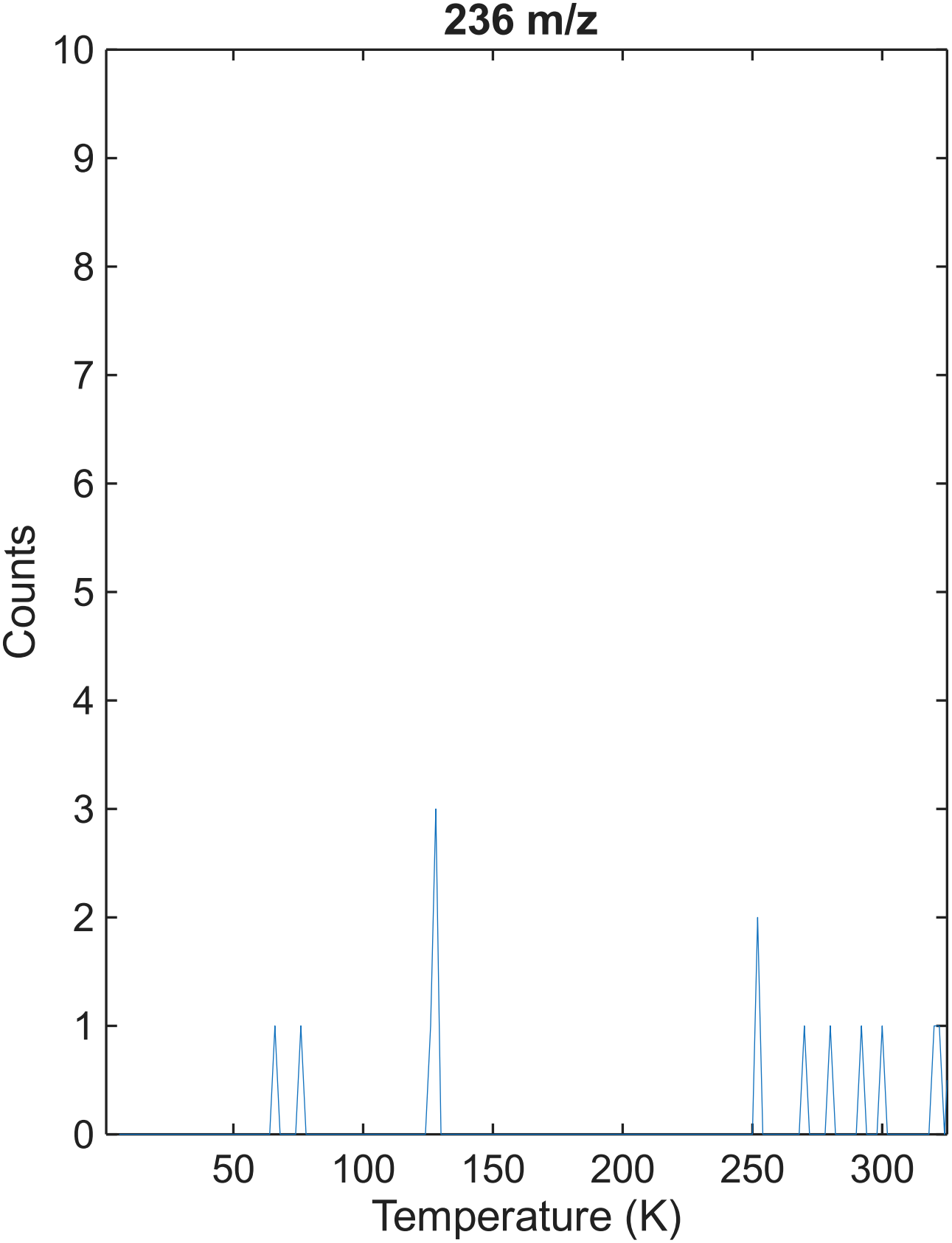
236 m/z
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Temperature (K)
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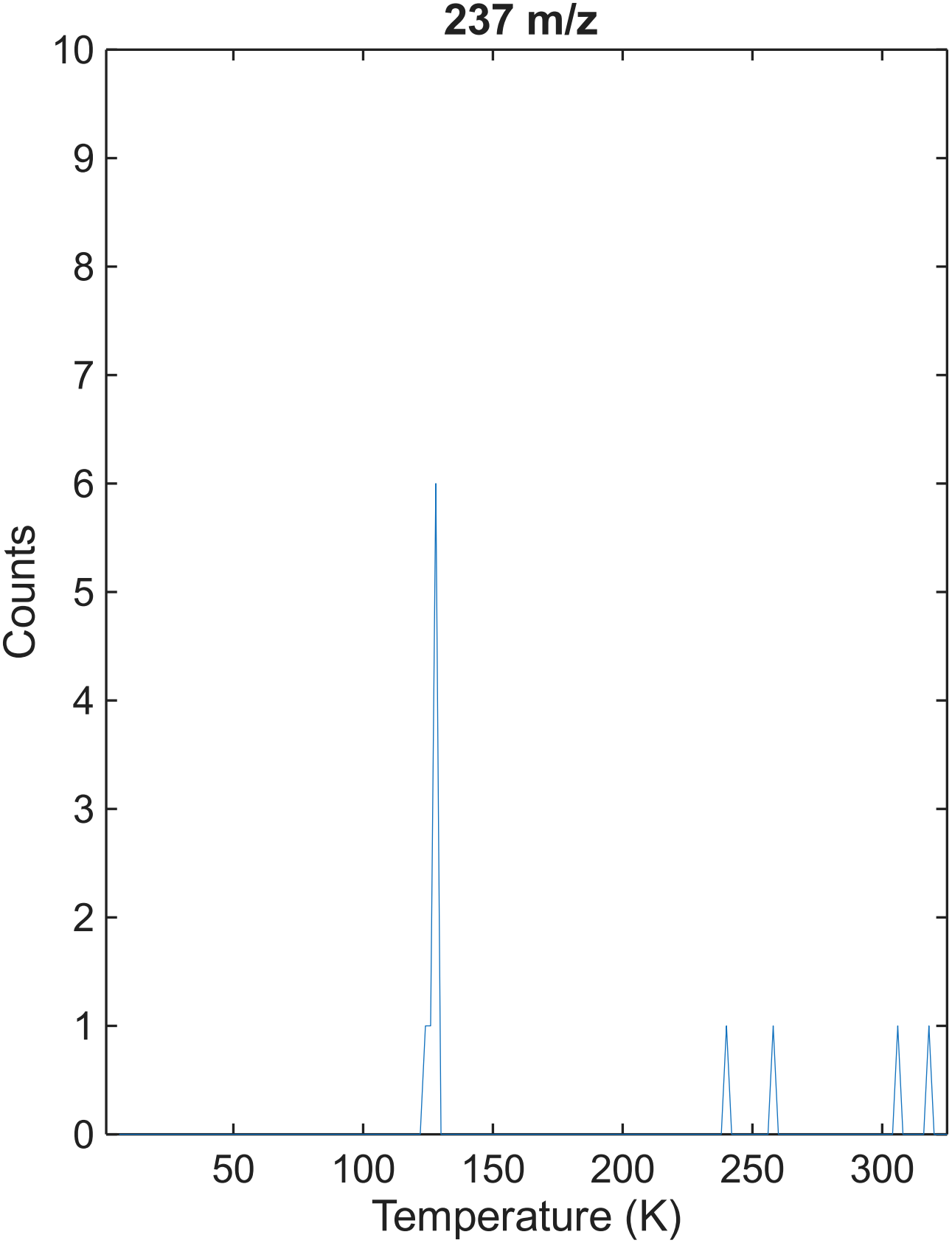
237 m/z
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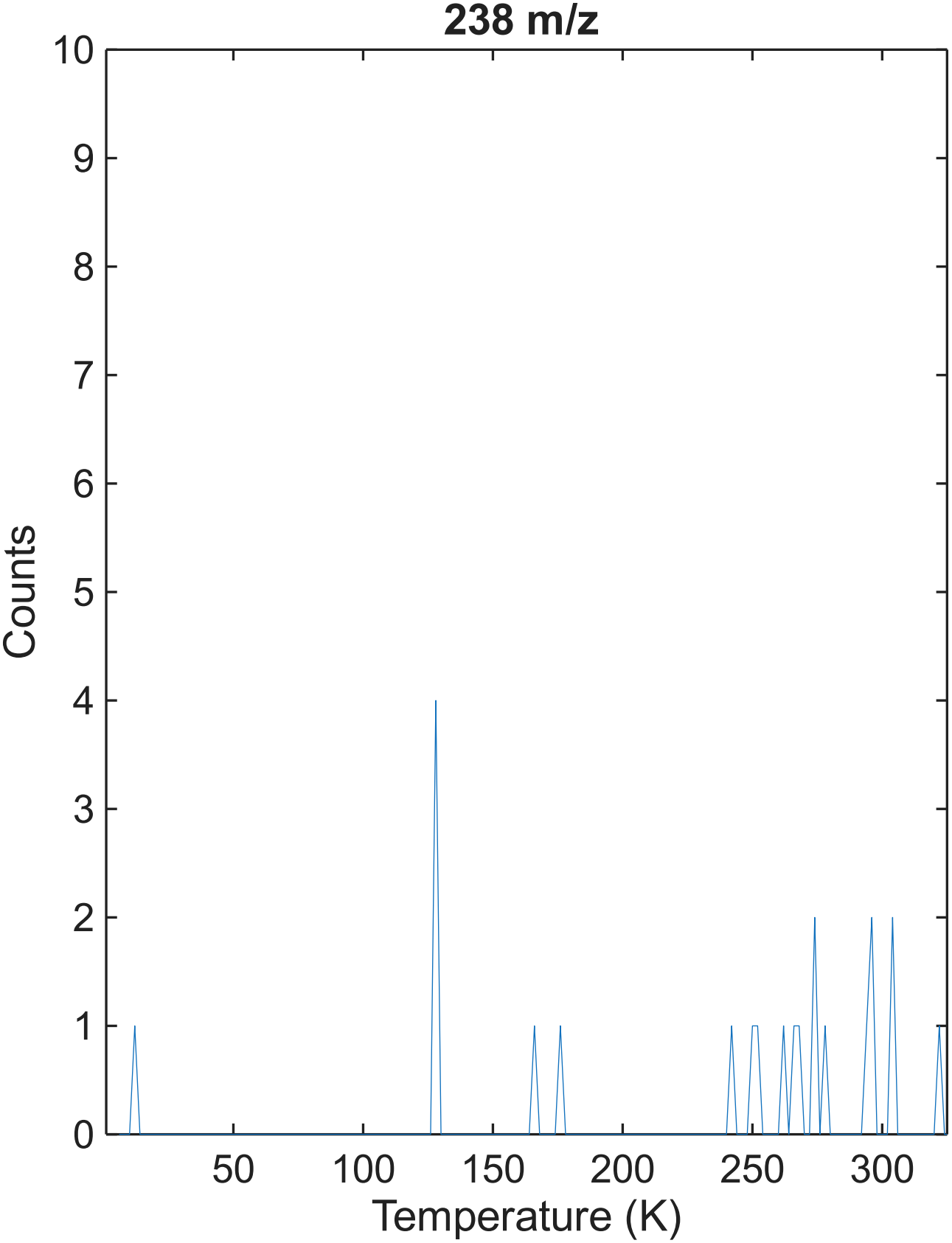
238 m/z
Counts
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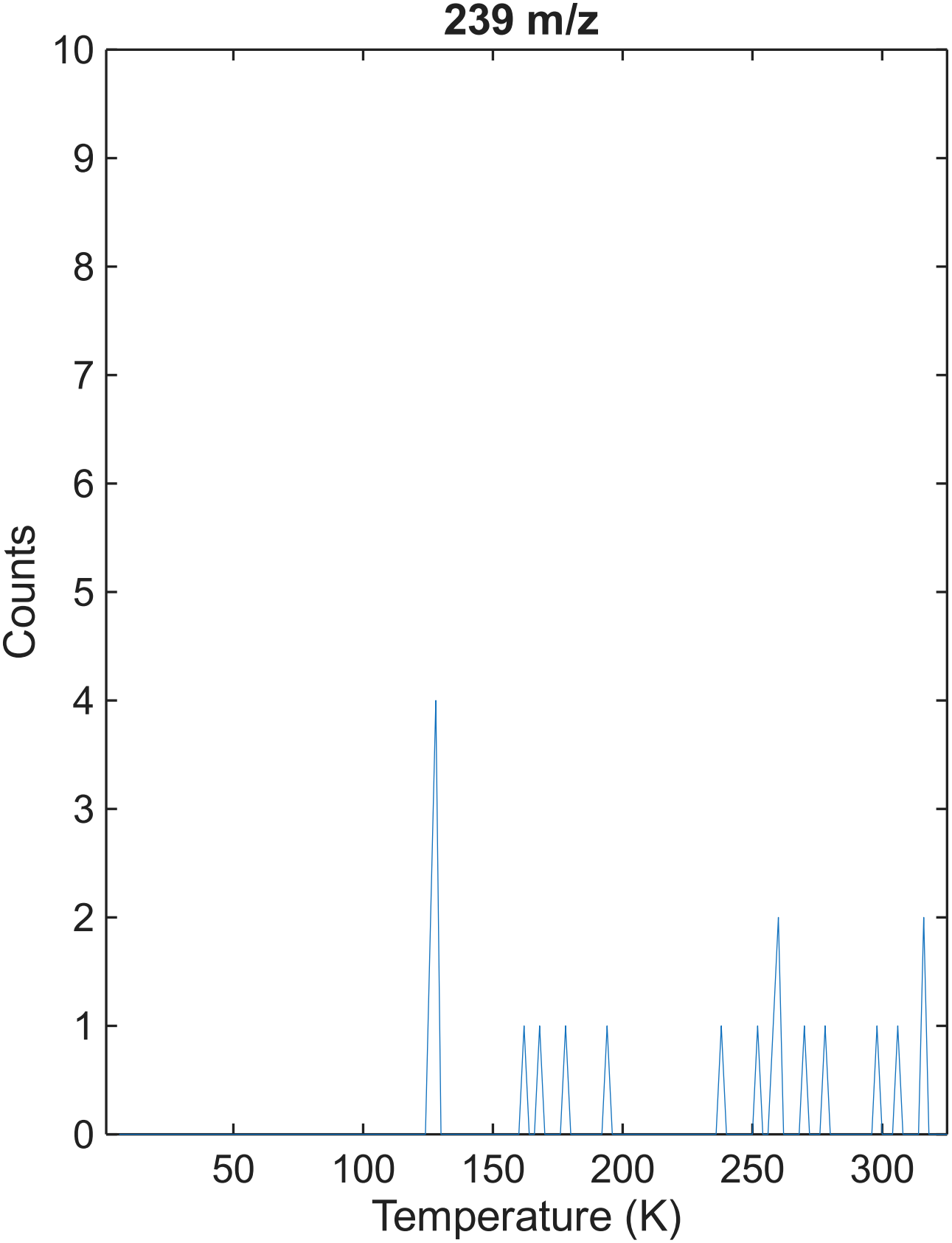
239 m/z
Counts
Temperature (K)
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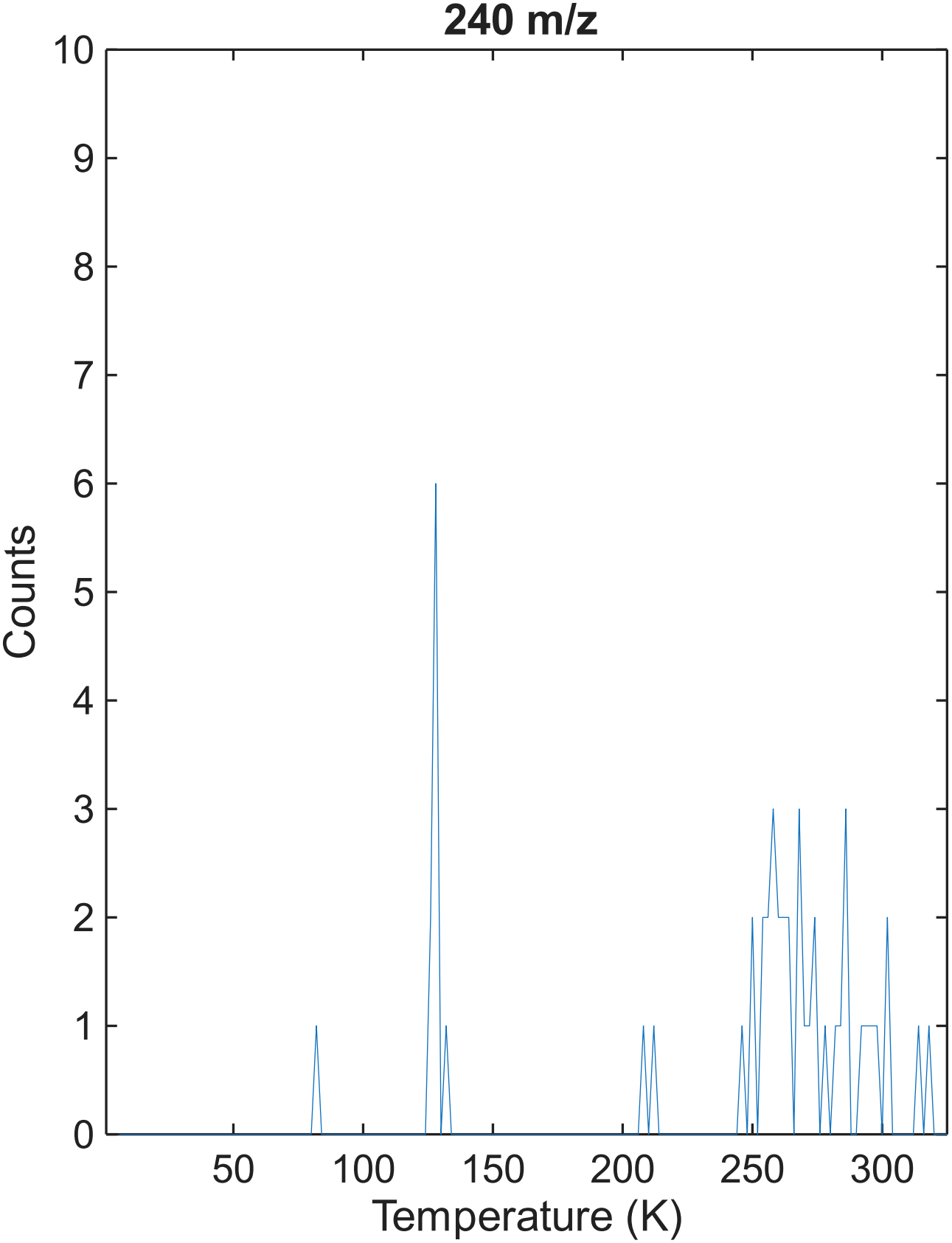
240 m/z
Counts
Temperature (K)
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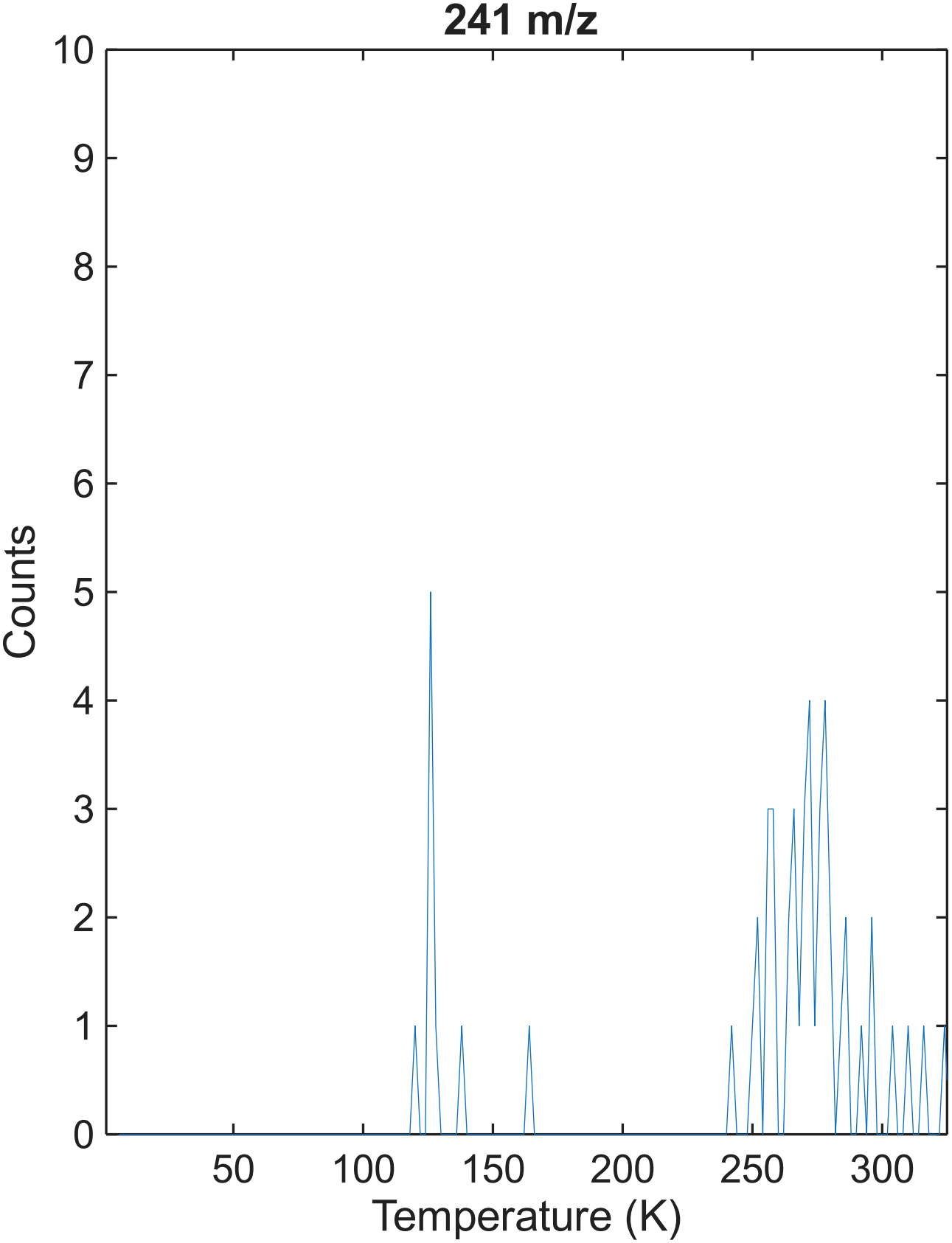
241 m/z
Counts
Temperature (K)
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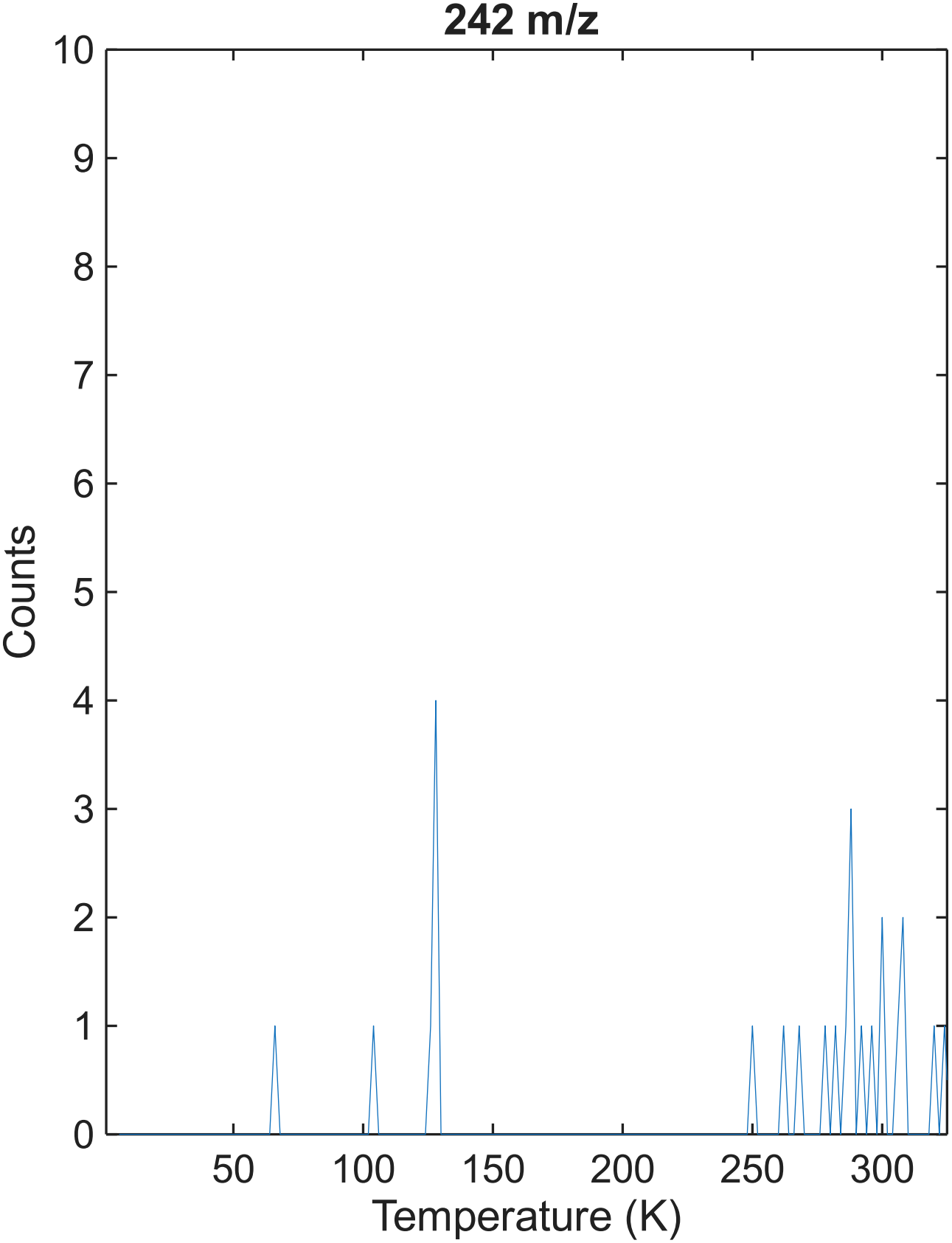
242 m/z
Counts
Temperature (K)
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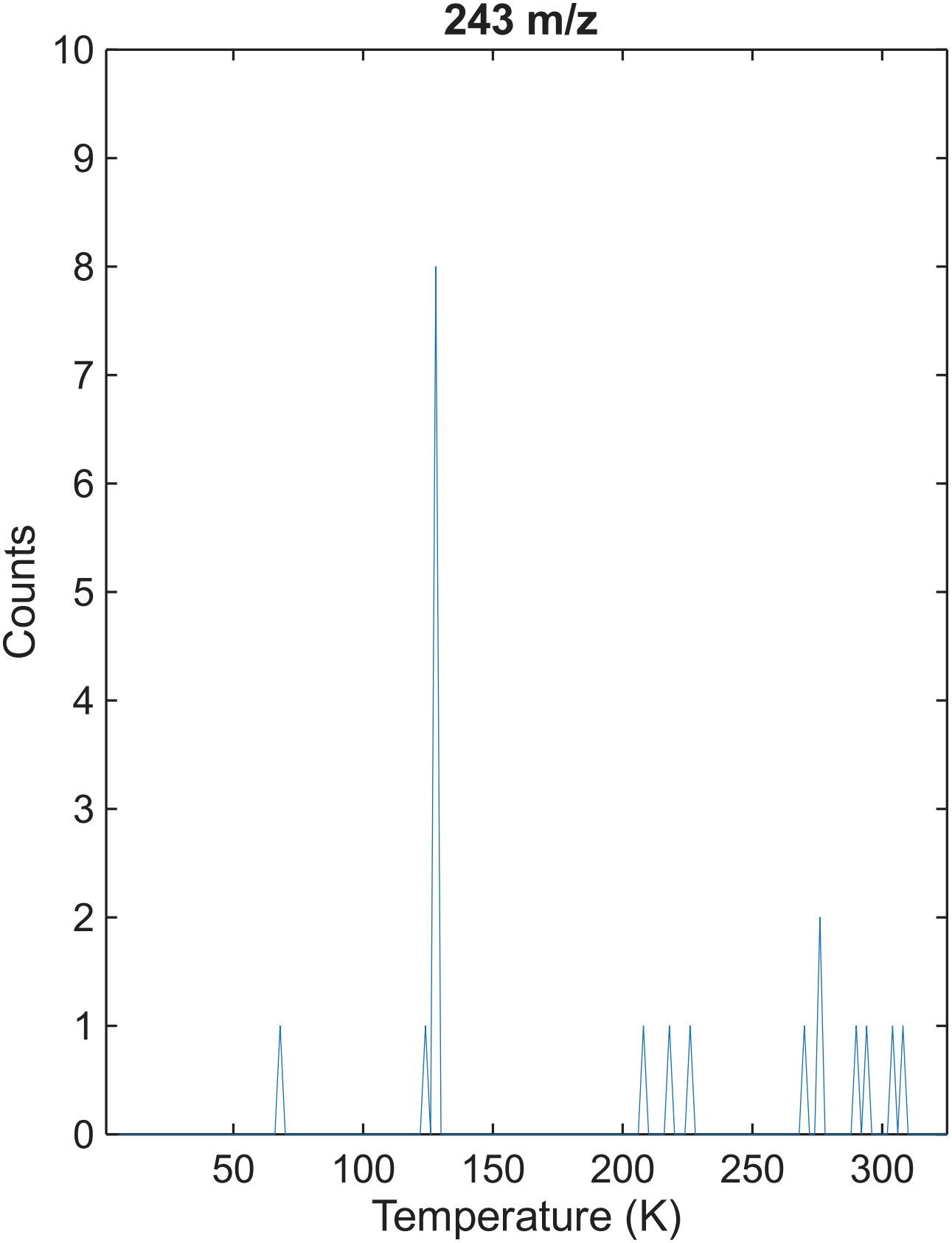
243 m/z
Counts
Temperature (K)
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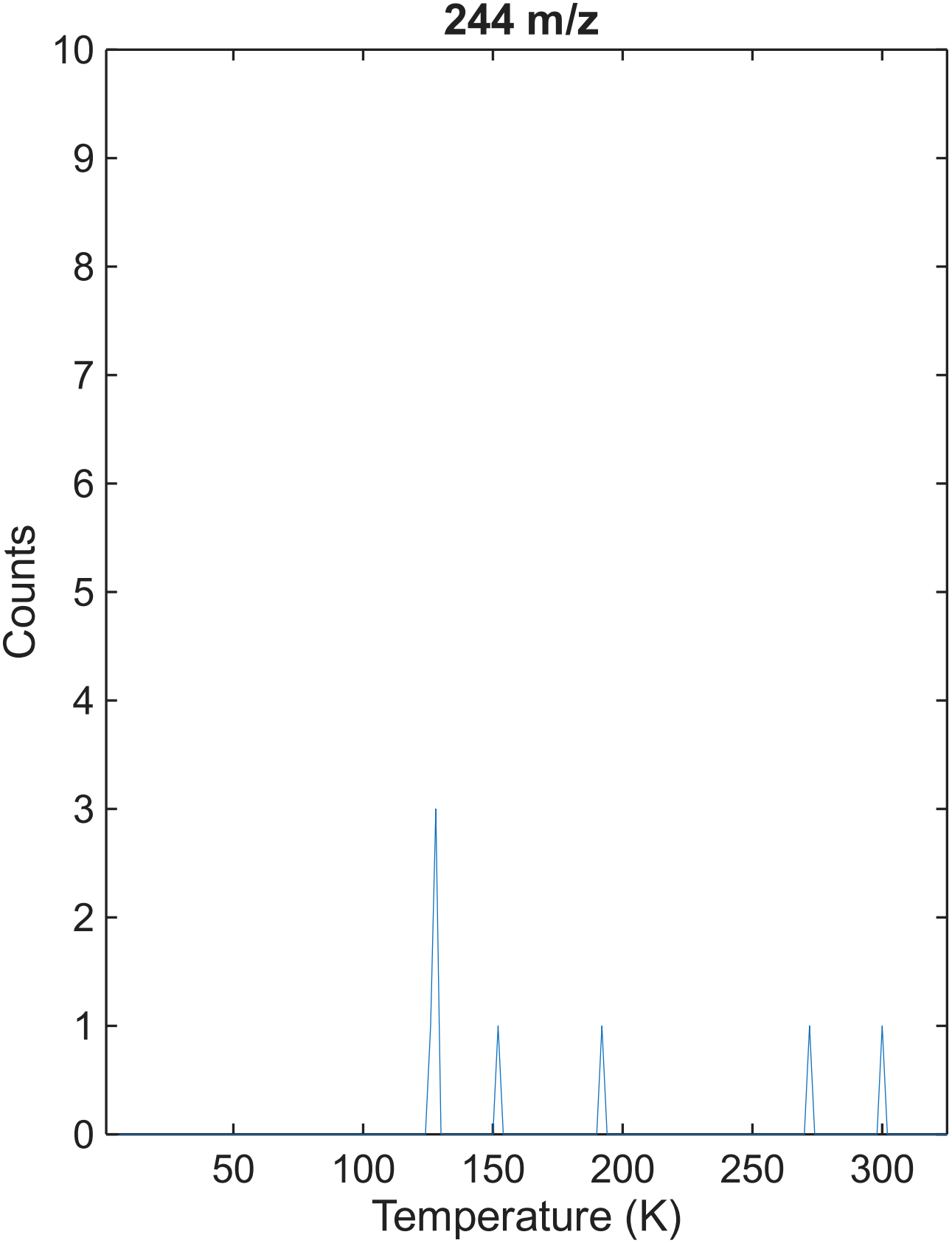
244 m/z
Counts
Temperature (K)
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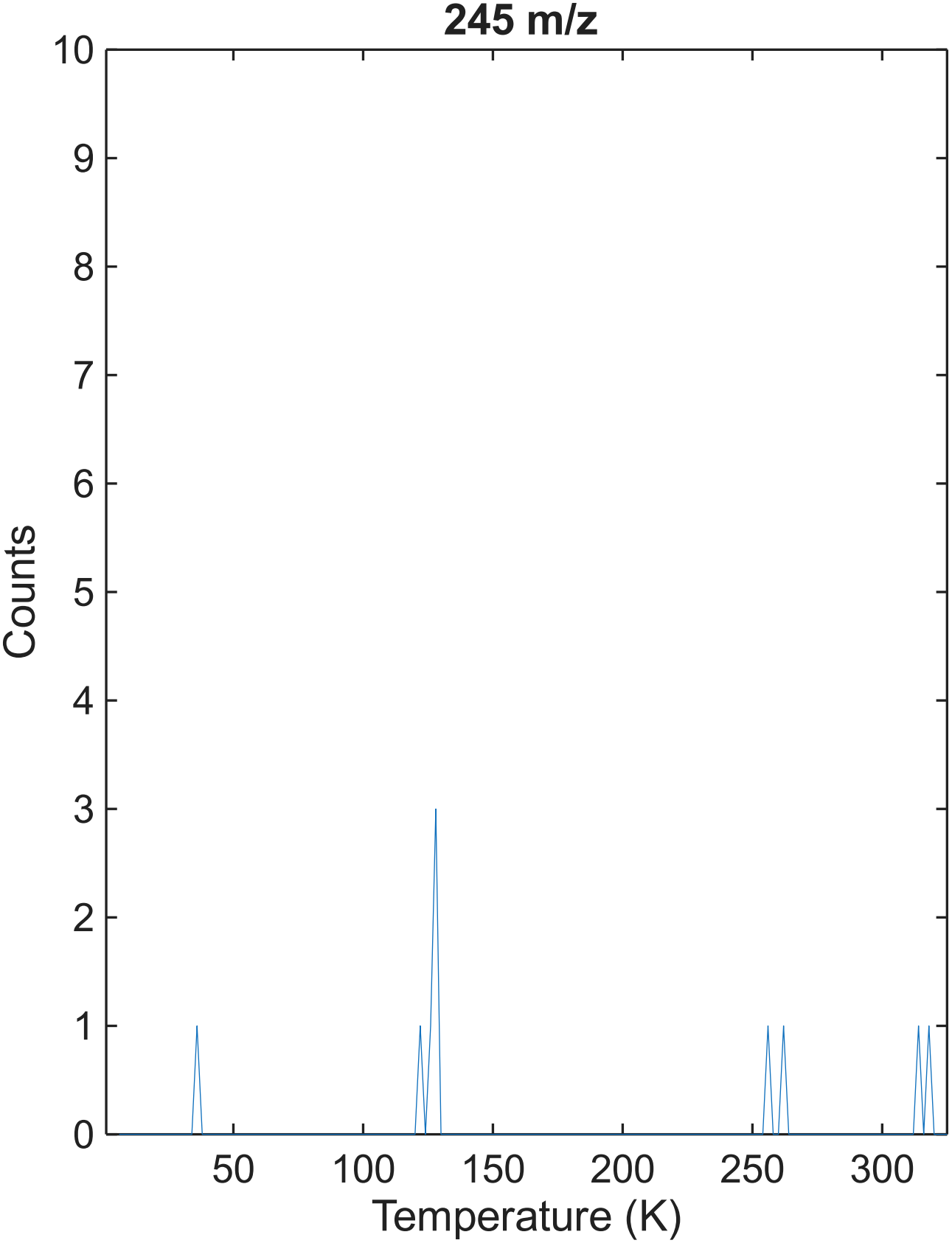
245 m/z
Counts
Temperature (K)
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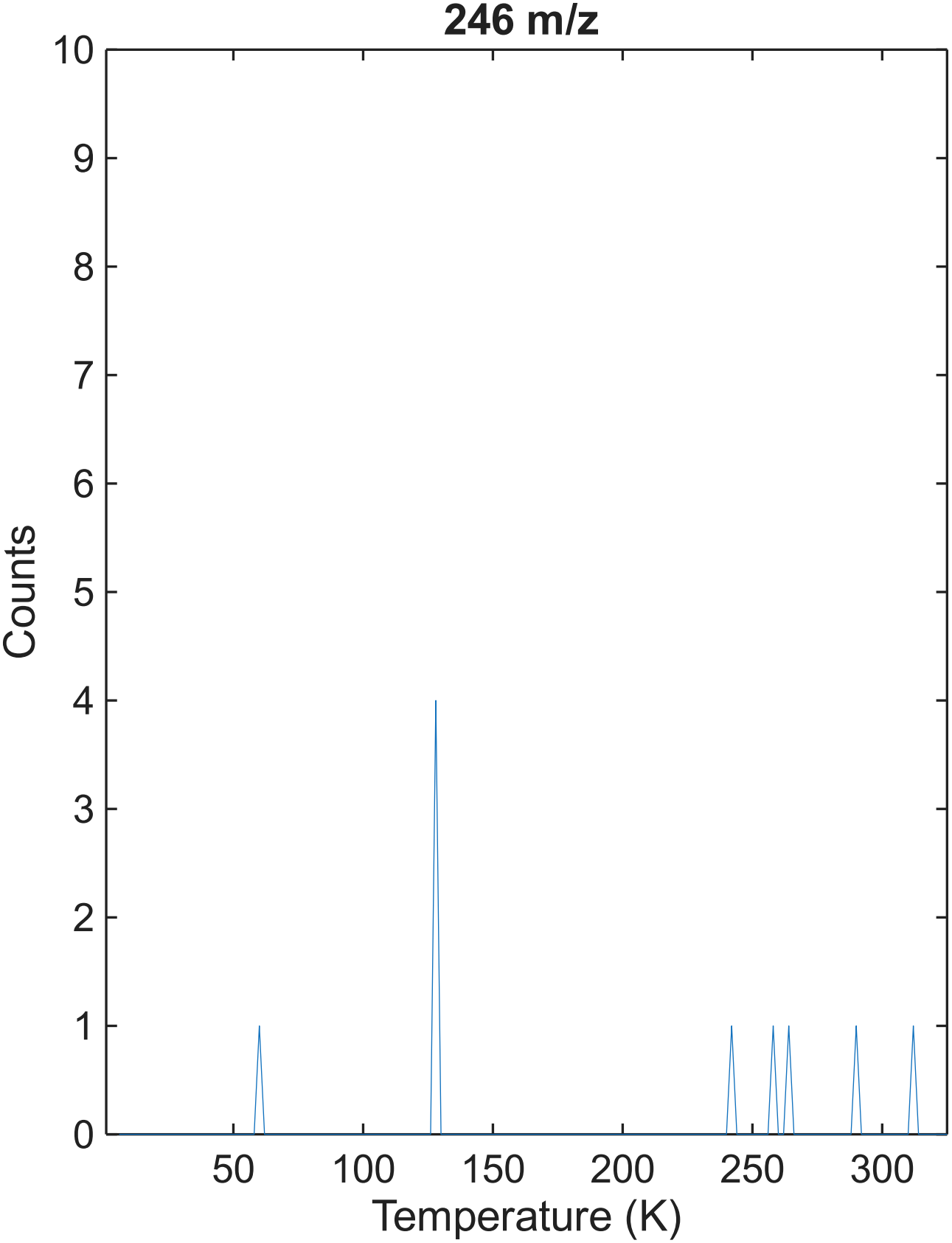
246 m/z
Counts
Temperature (K)
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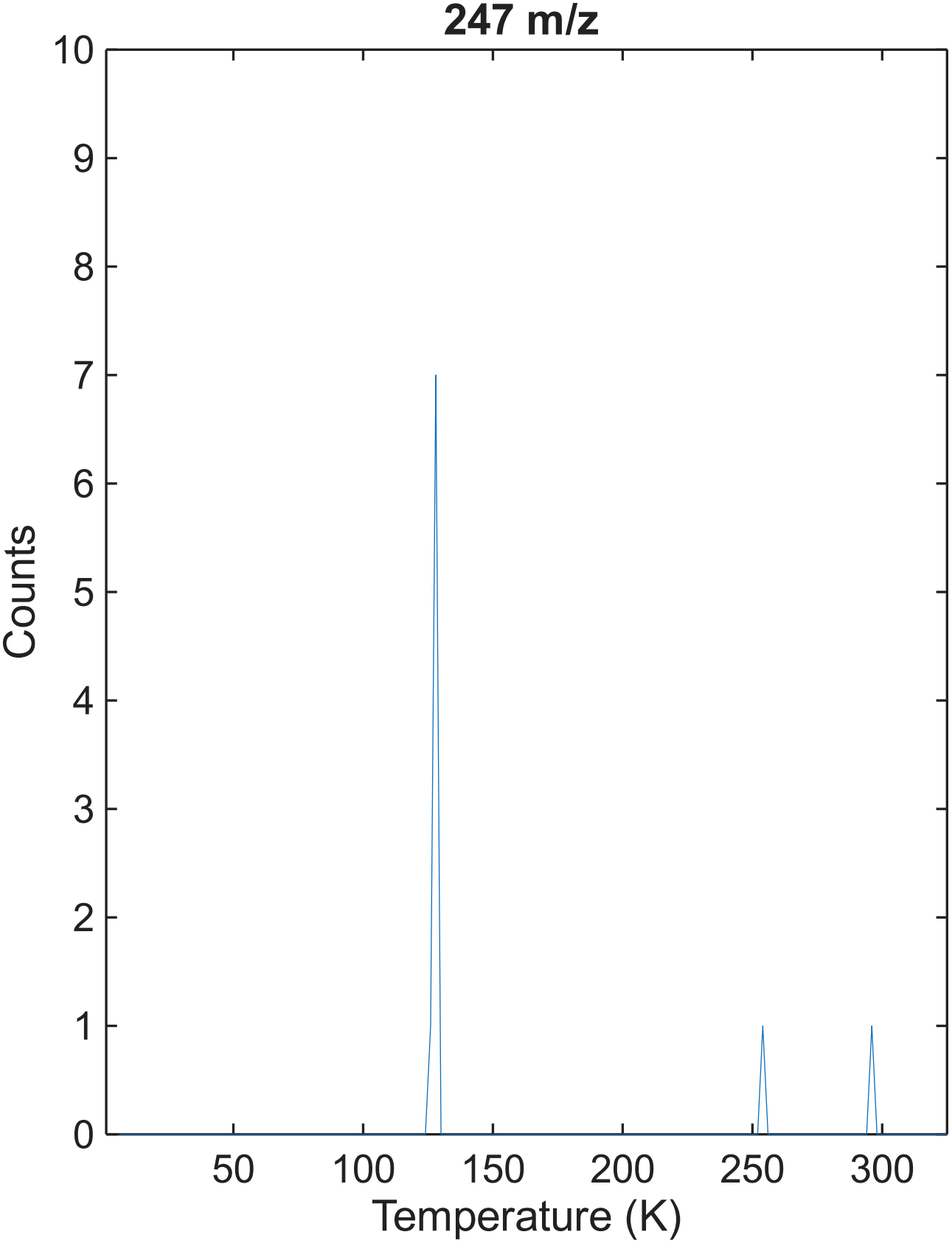
247 m/z
Counts
Temperature (K)
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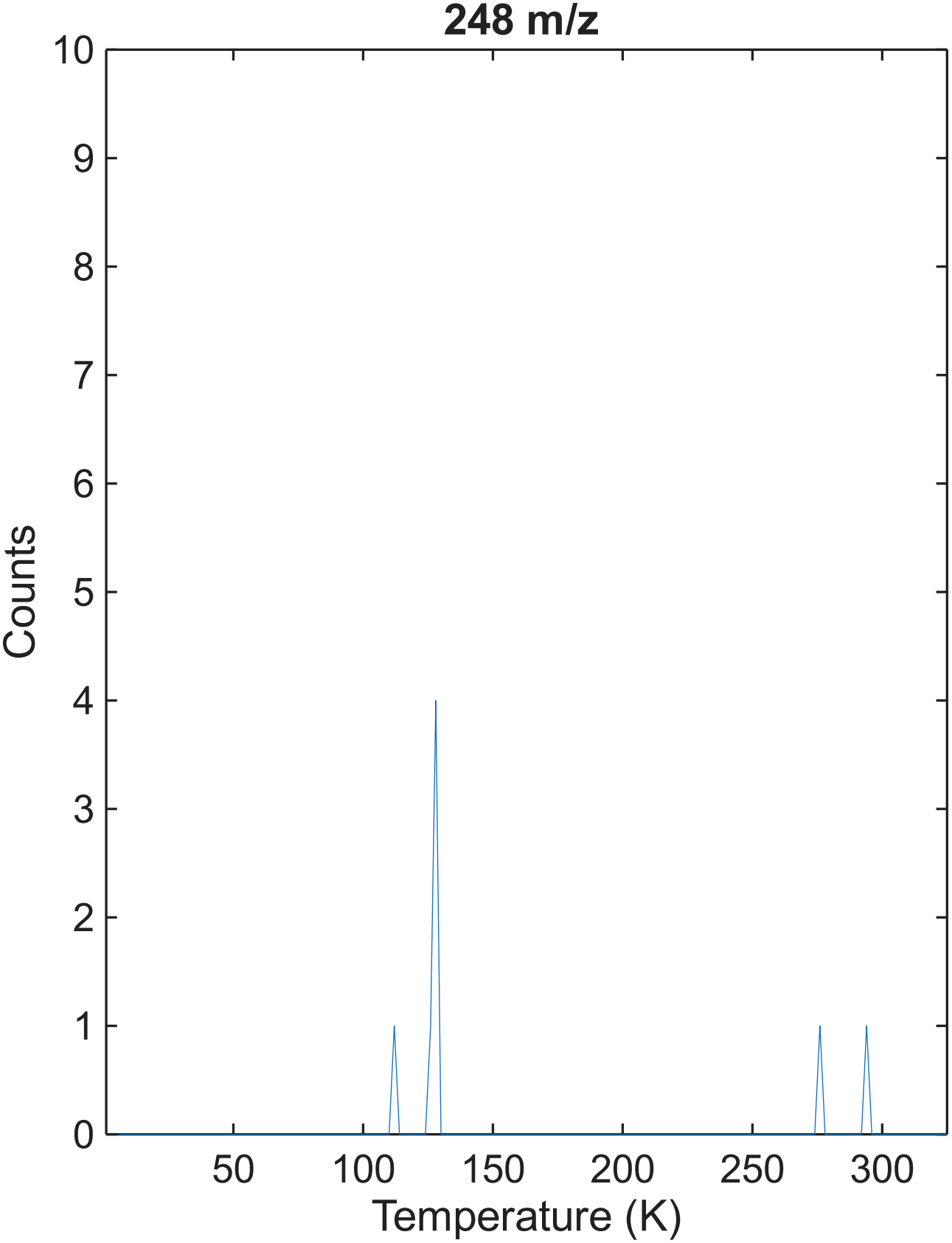
248 m/z
Counts
Temperature (K)
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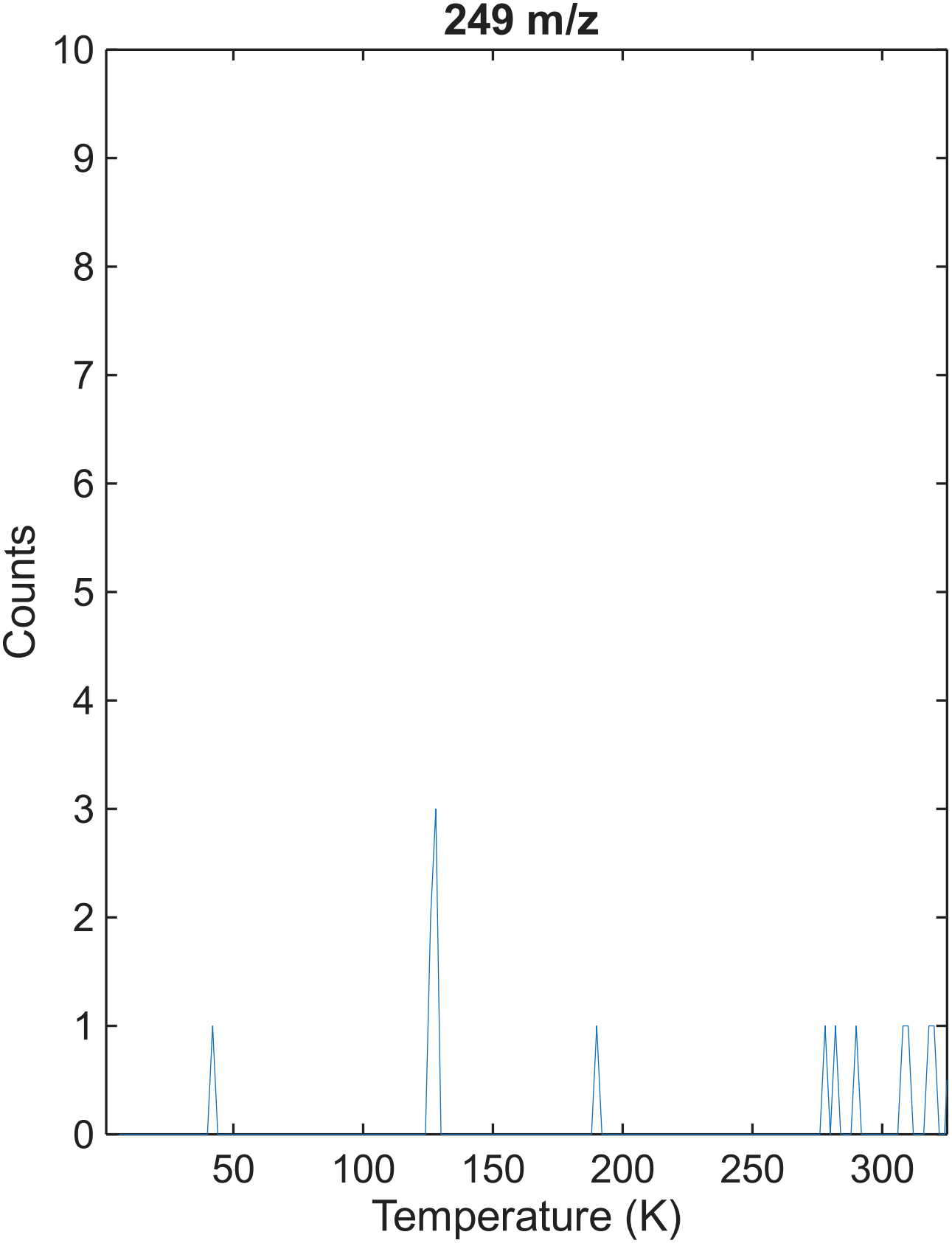
249 m/z
Counts
Temperature (K)
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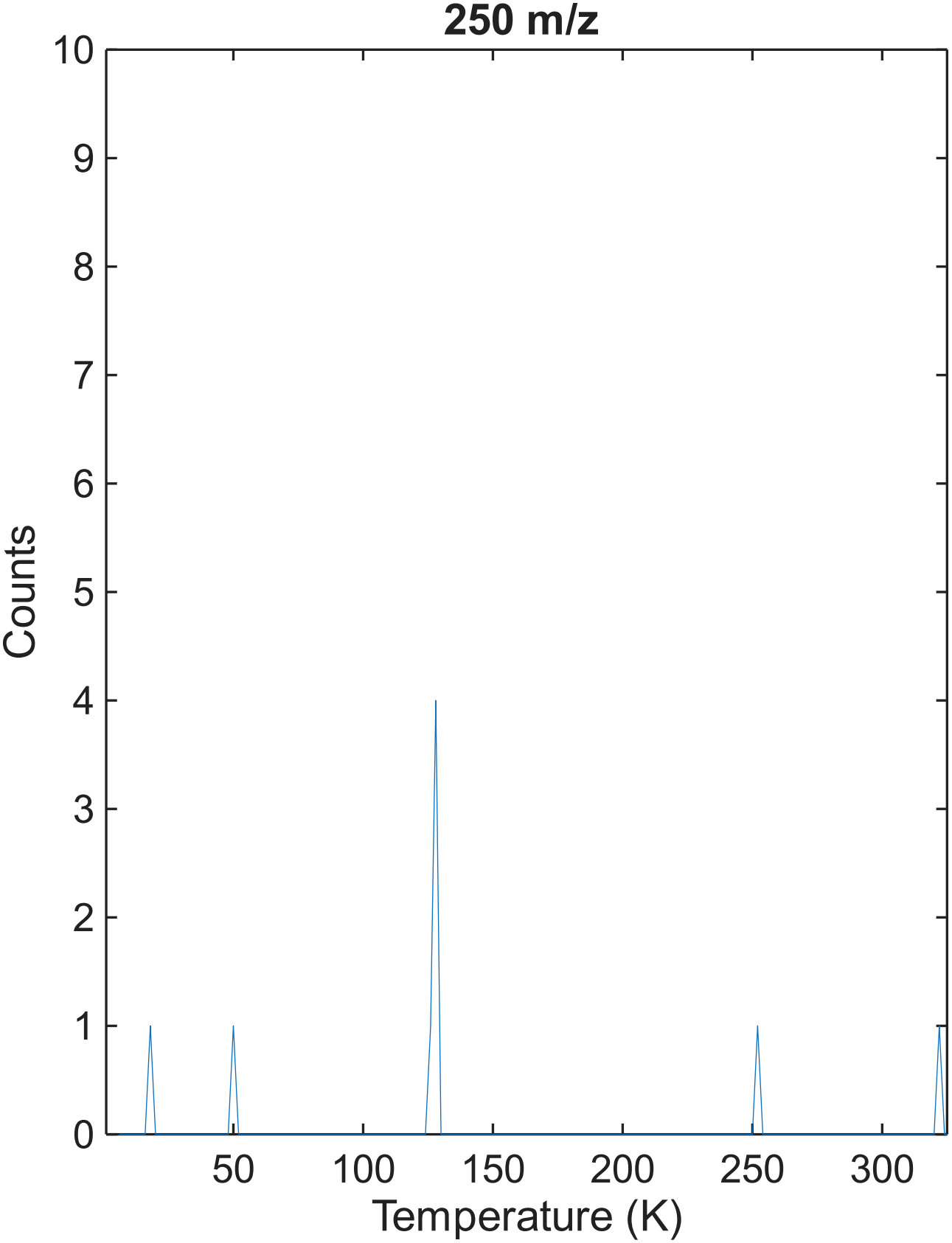
250 m/z
Counts
Temperature (K)
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250
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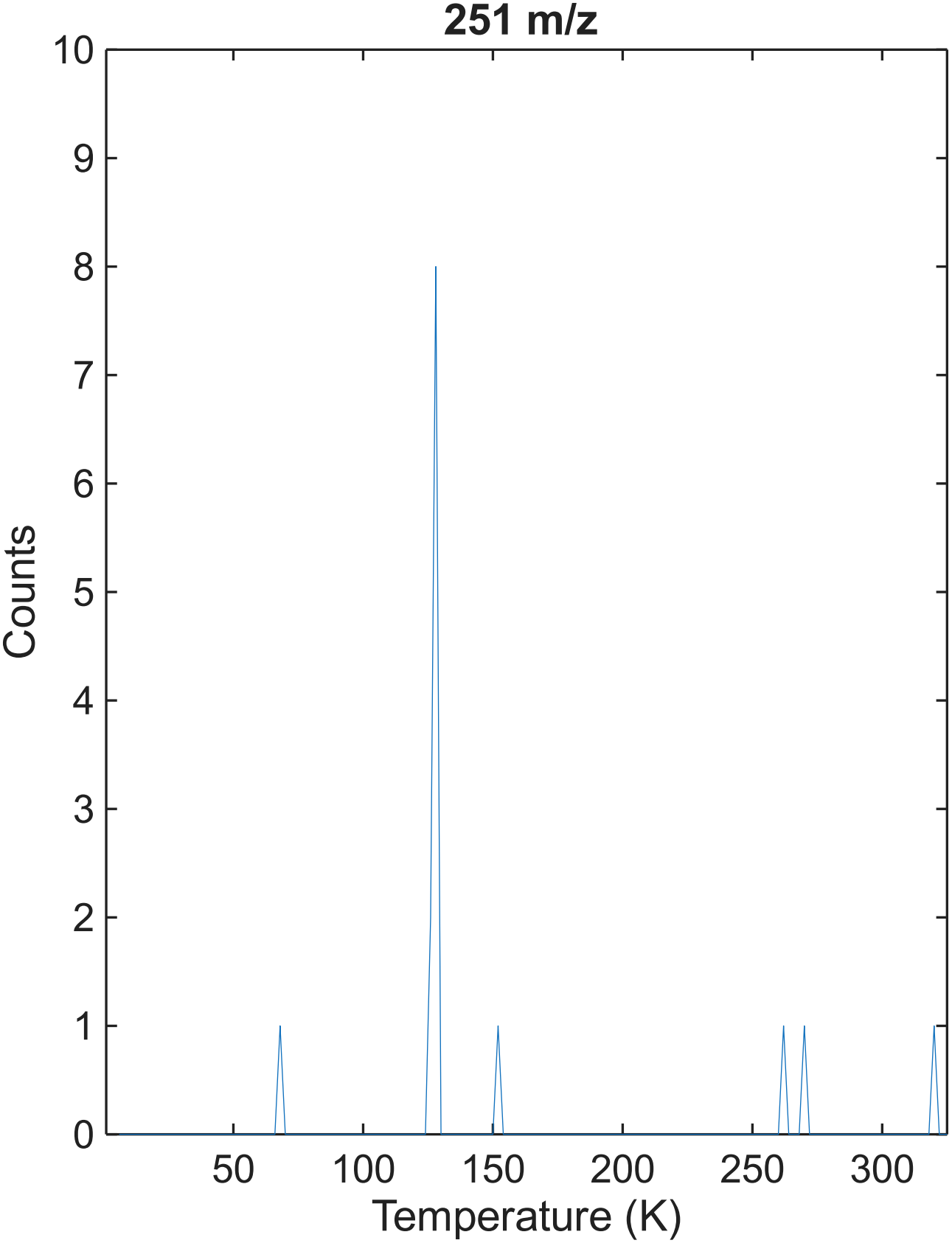
251 m/z
Counts
Temperature (K)
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1
2
3
4
5
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7
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9
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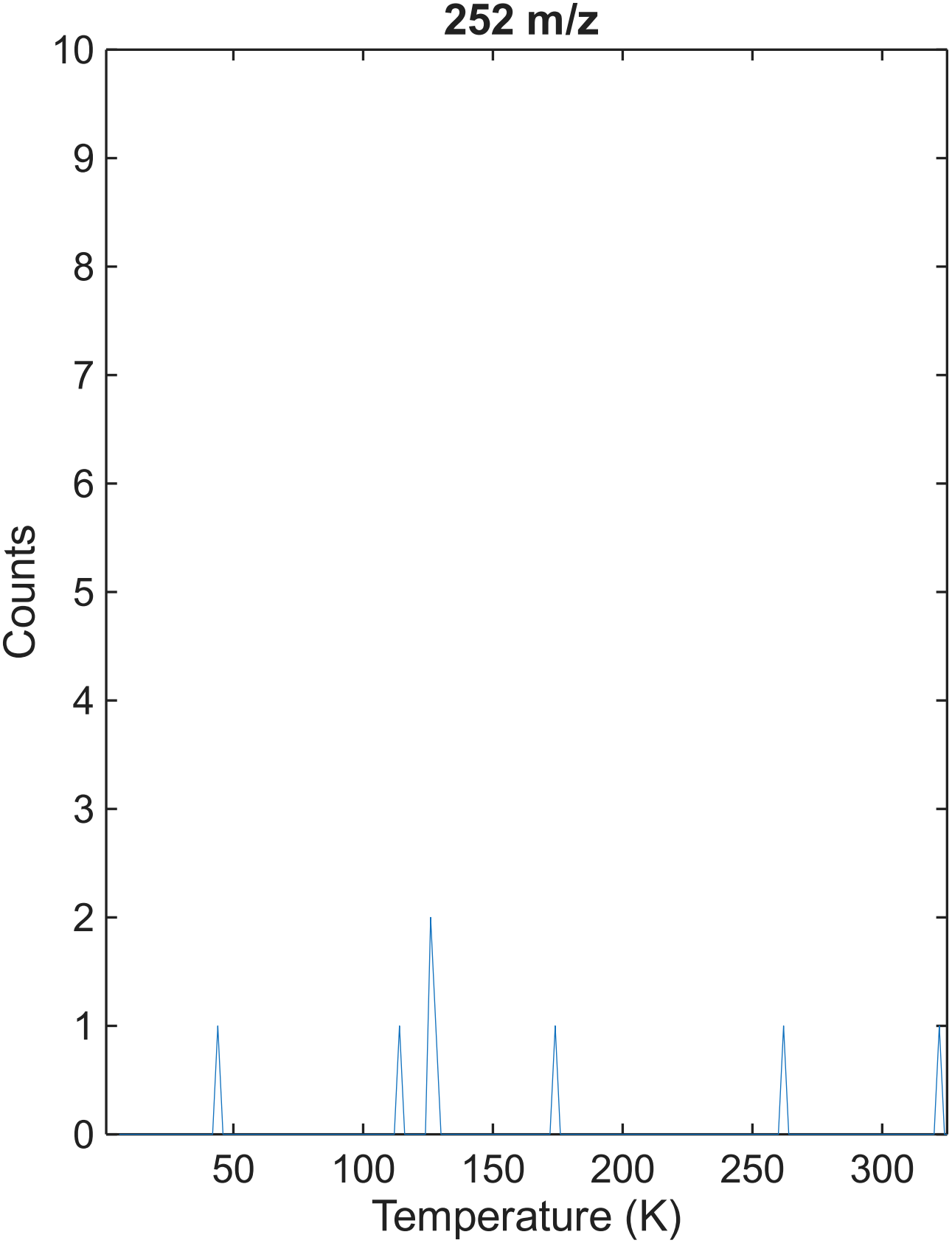
200
250
300


252 m/z
Counts
Temperature (K)
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2
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4
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9
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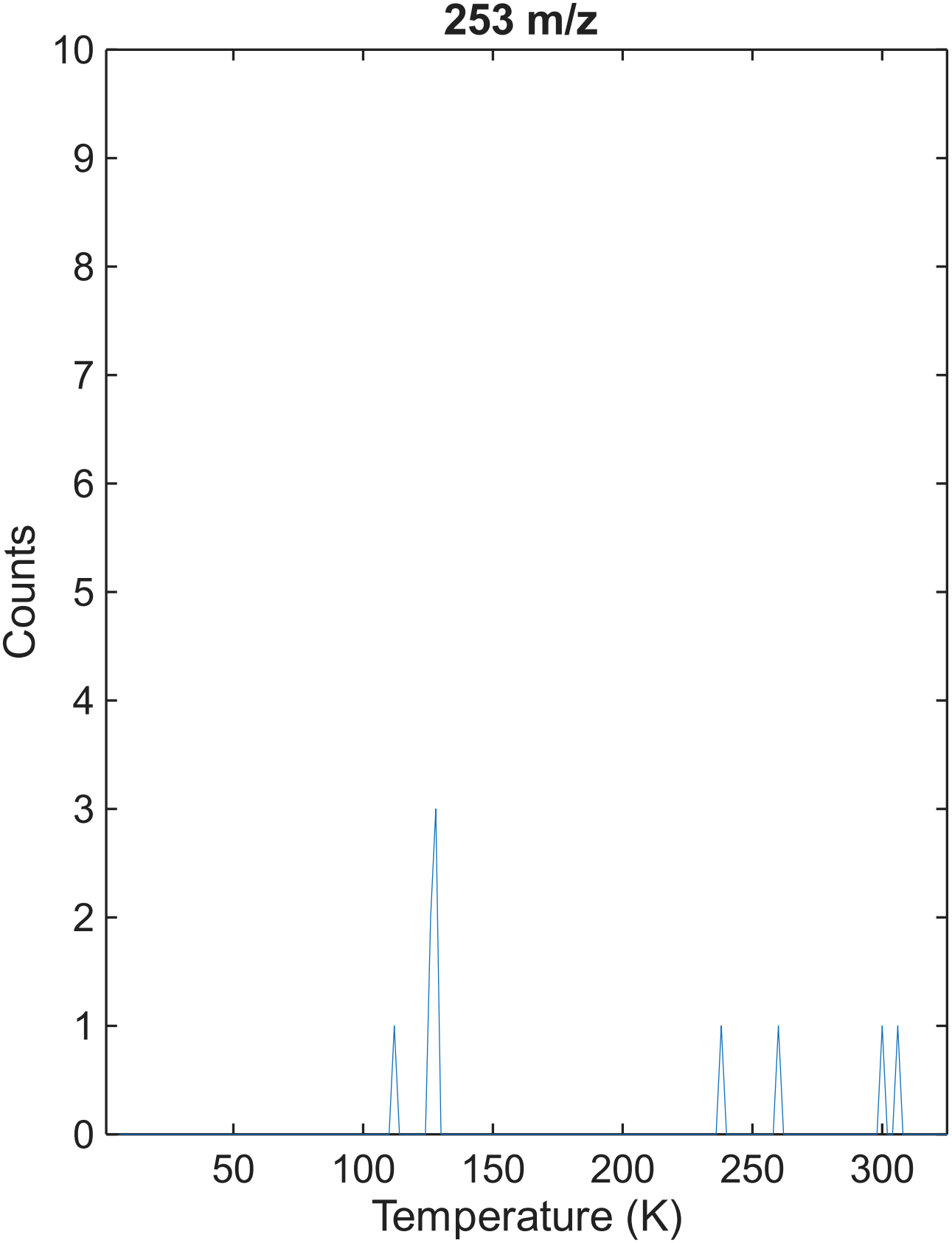
250
300


253 m/z
Counts
Temperature (K)
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1
2
3
4
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6
7
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9
10
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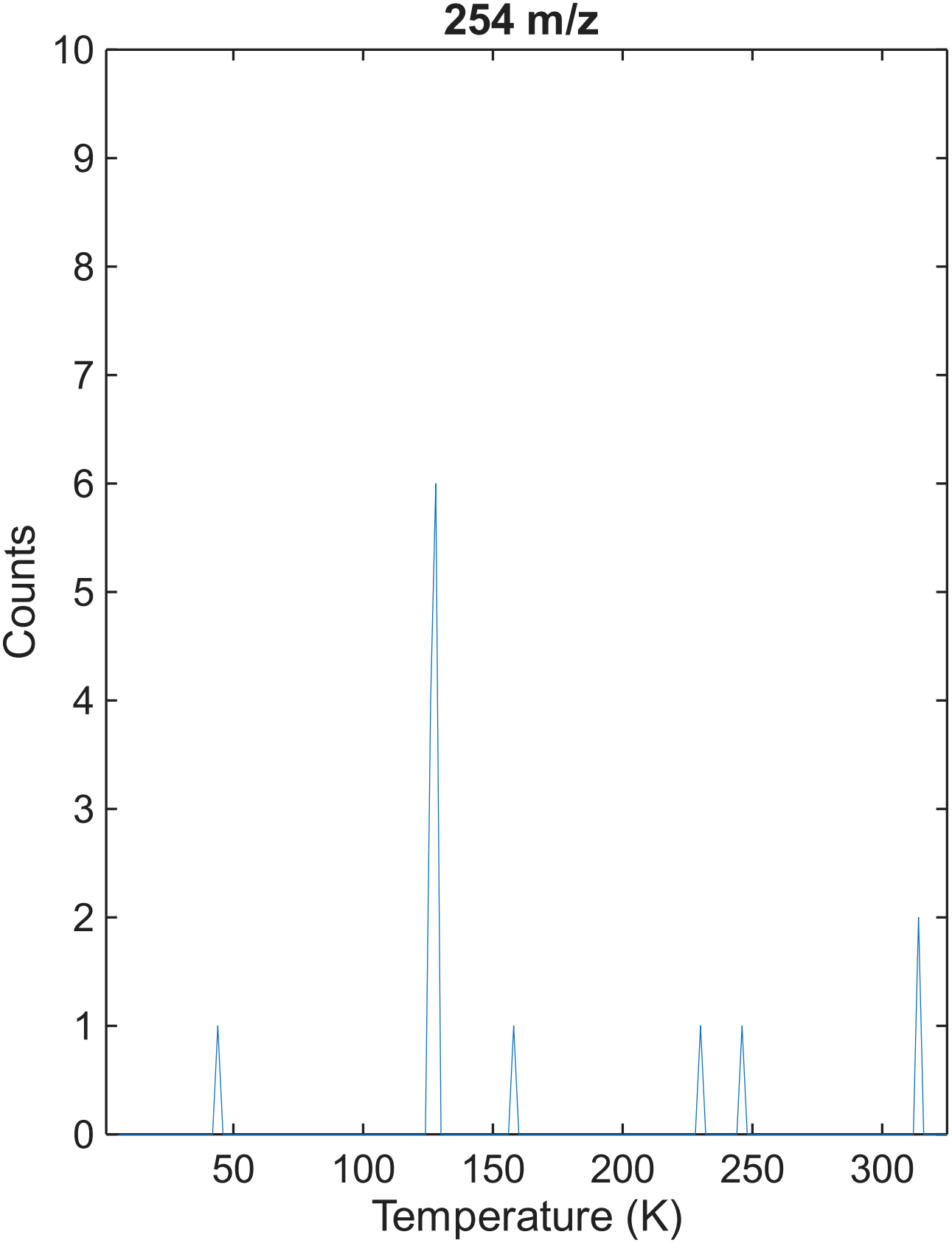
250
300


254 m/z
Counts
Temperature (K)
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1
2
3
4
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7
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9
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250
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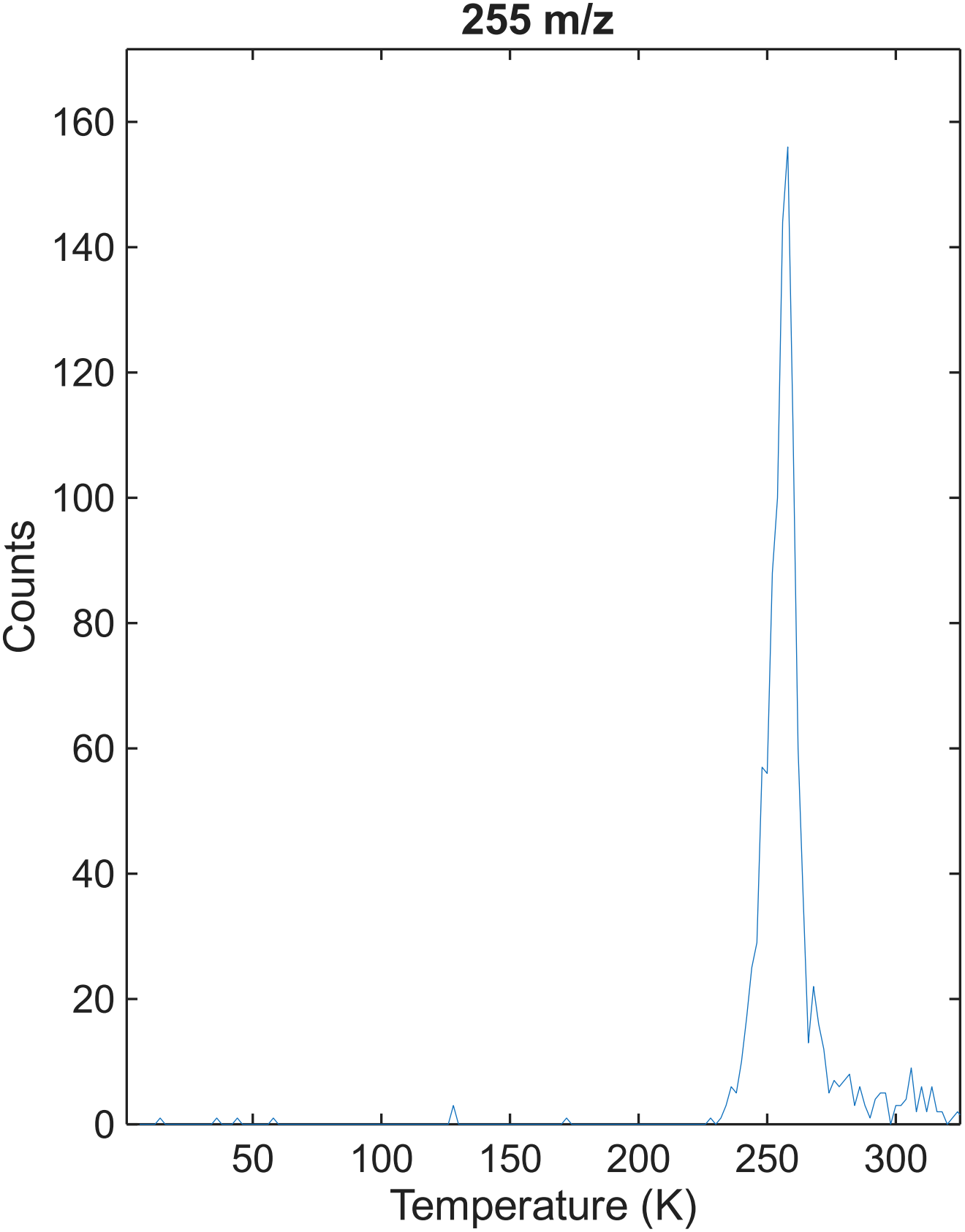
255 m/z
160
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120
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80
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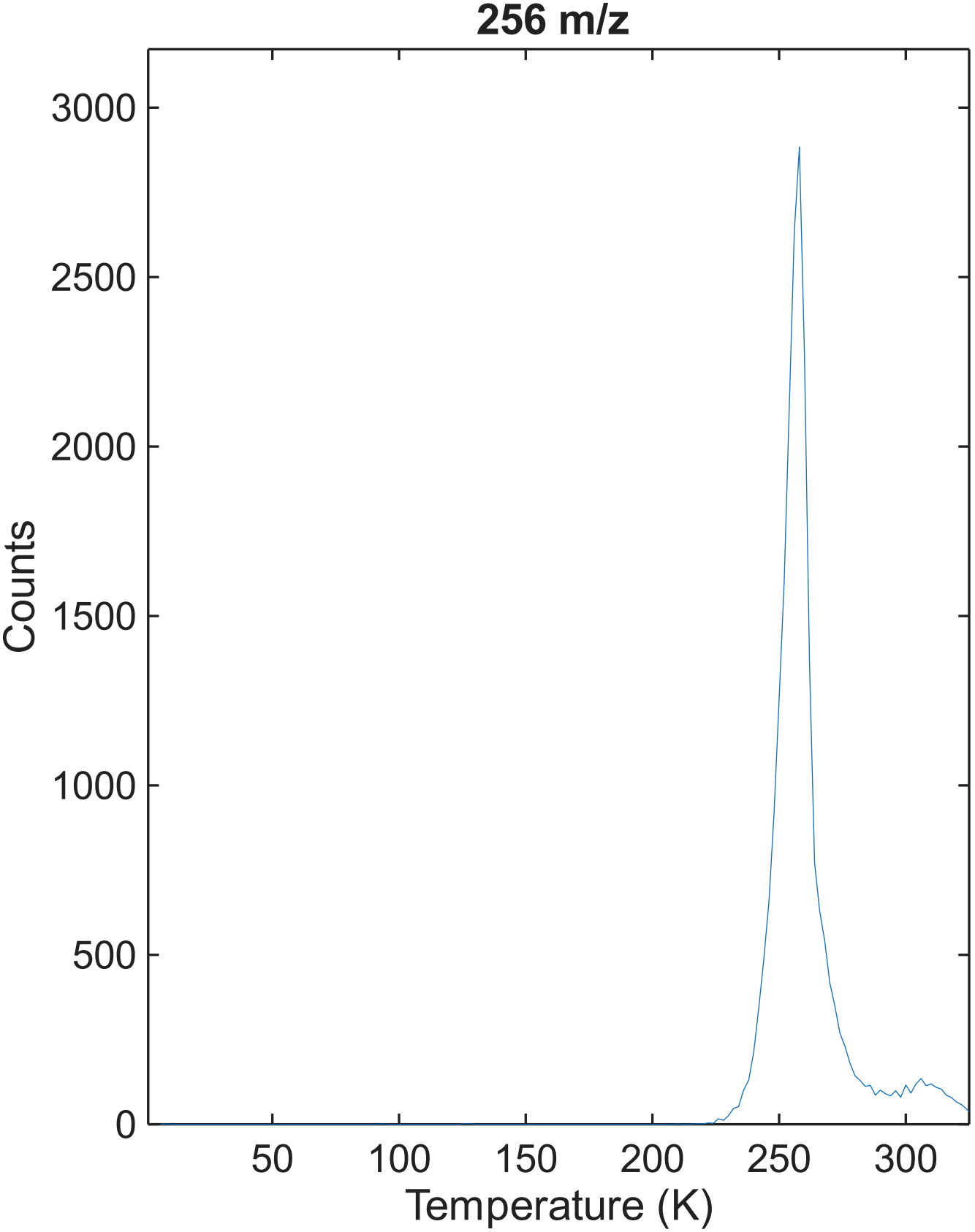
40
20
0
Counts
50
100
150
200
250
300
Temperature (K)


256 m/z
3000
2500
2000
1500
1000
500
0
Counts
50
100
150
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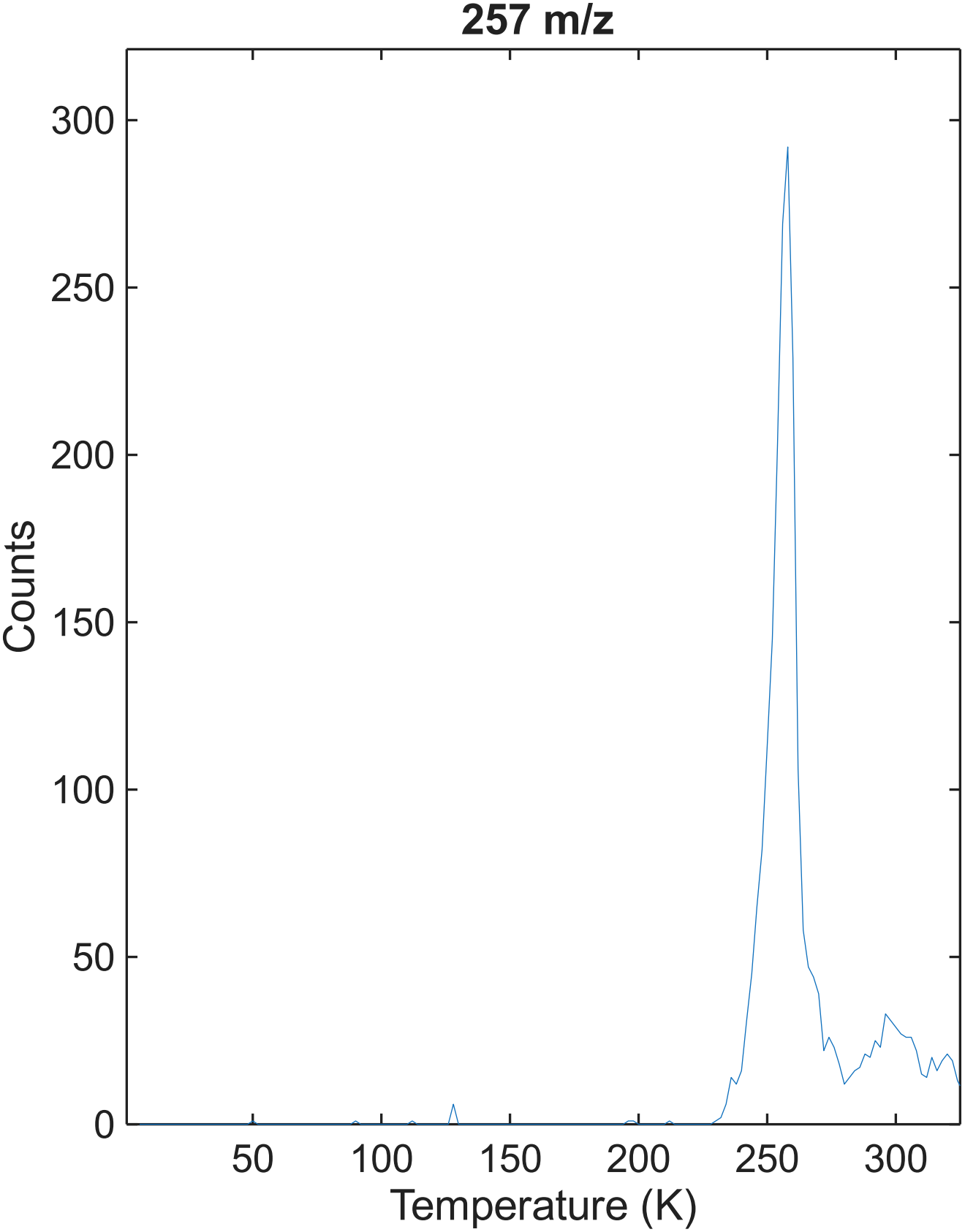
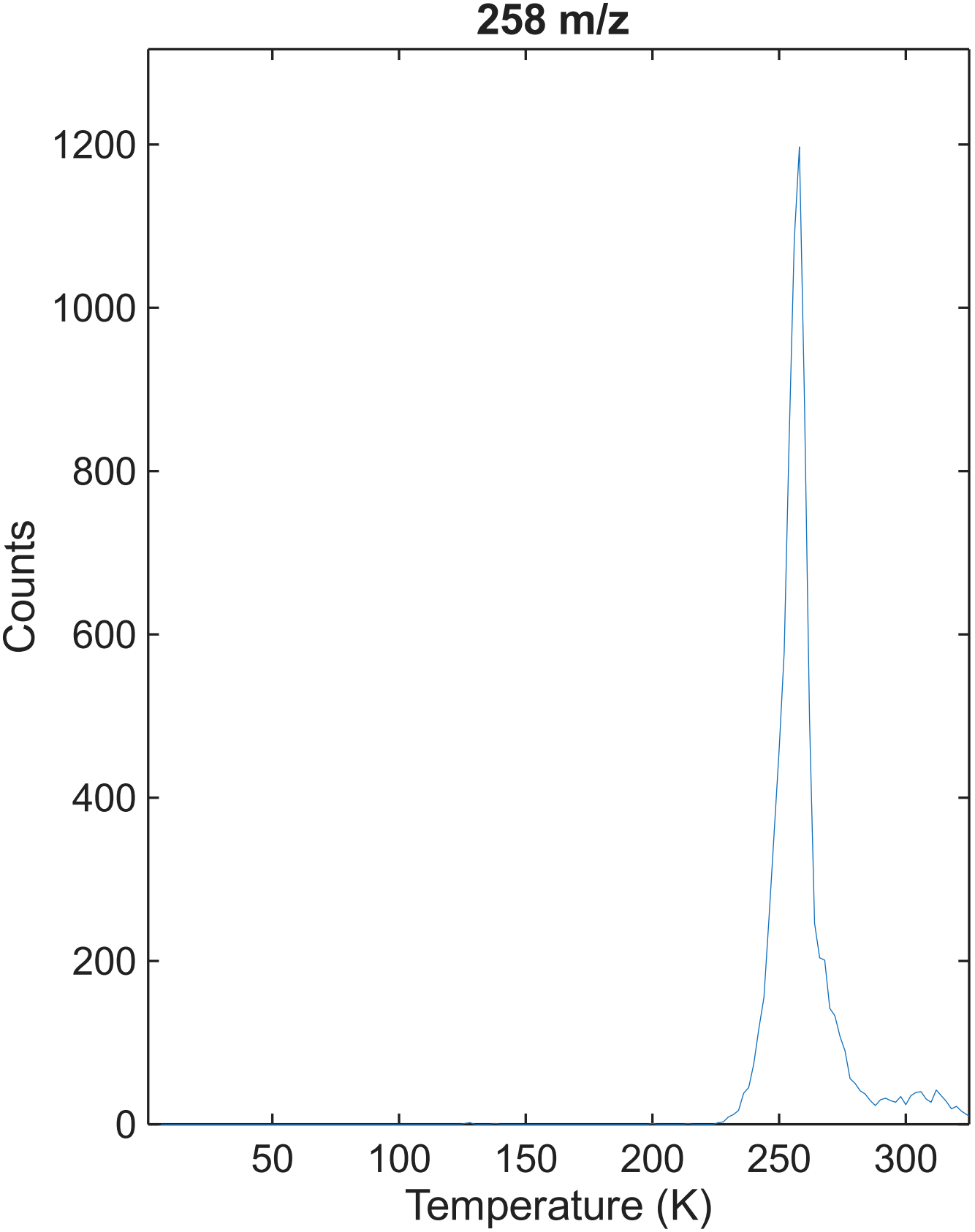
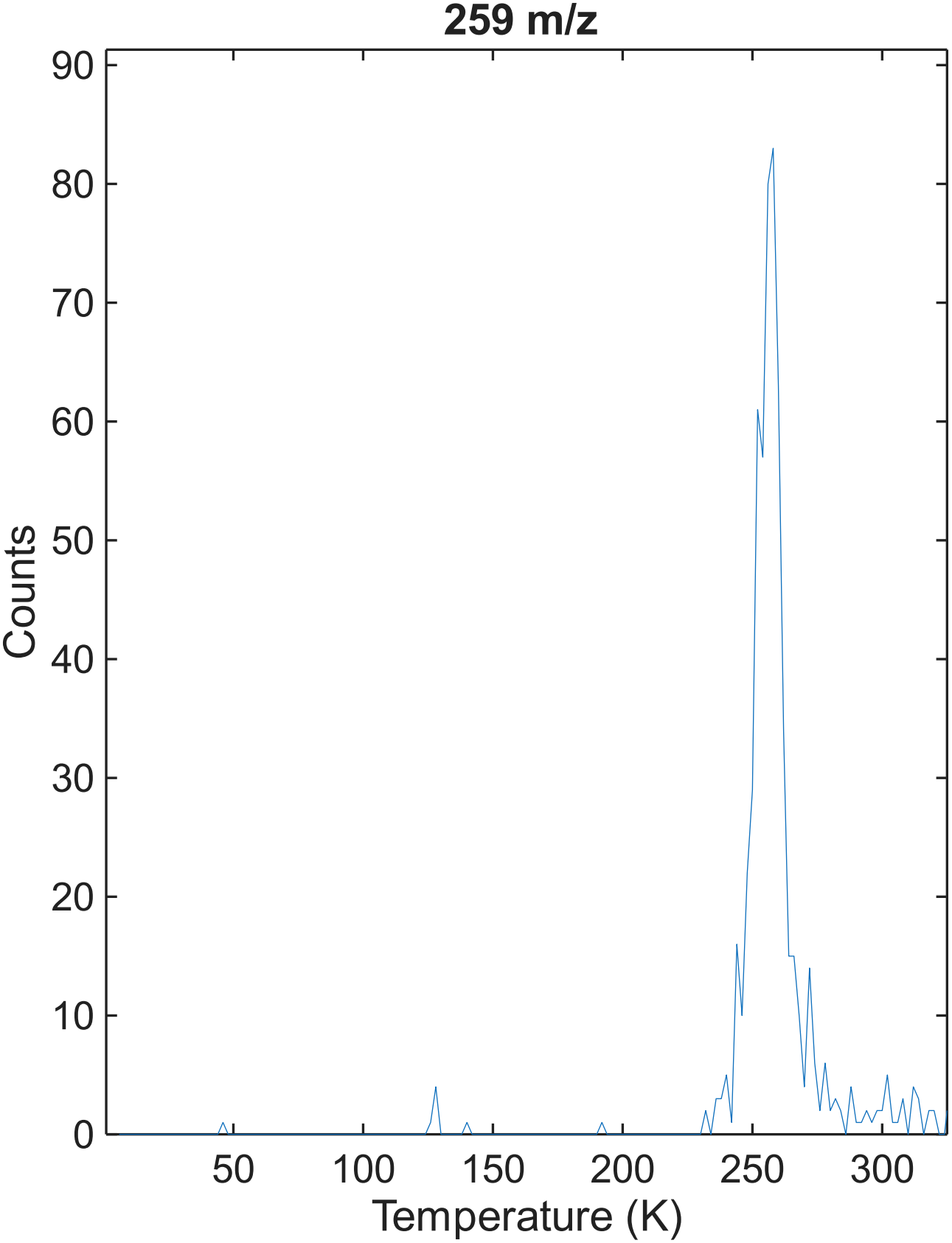
300
Temperature (K)


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


258 m/z
1200
1000
800
600
400
200
0
Counts
50
100
150
200
250
300
Temperature (K)


259 m/z
Counts
Temperature (K)
0
10
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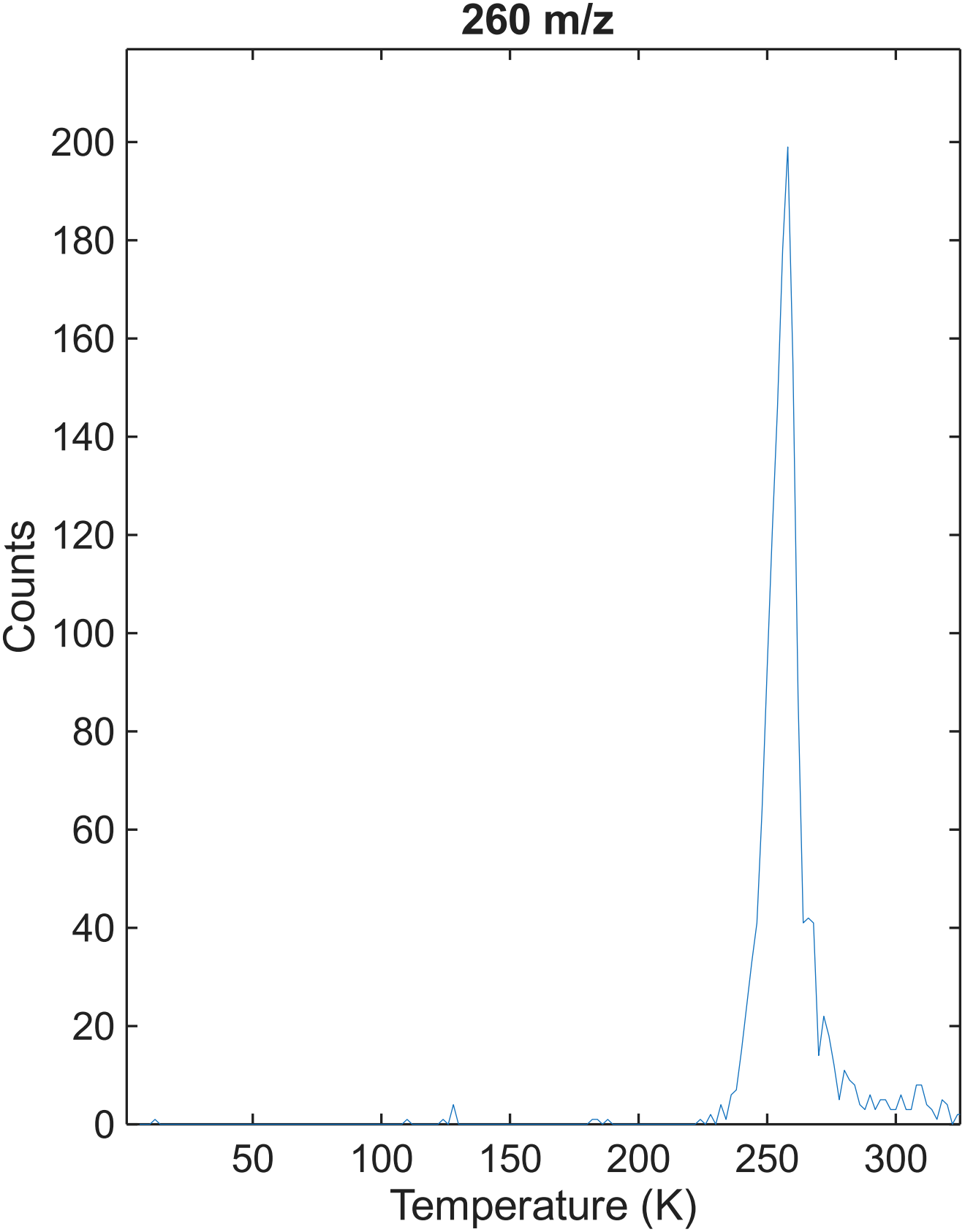
260 m/z
Counts
Temperature (K)
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150
200
250
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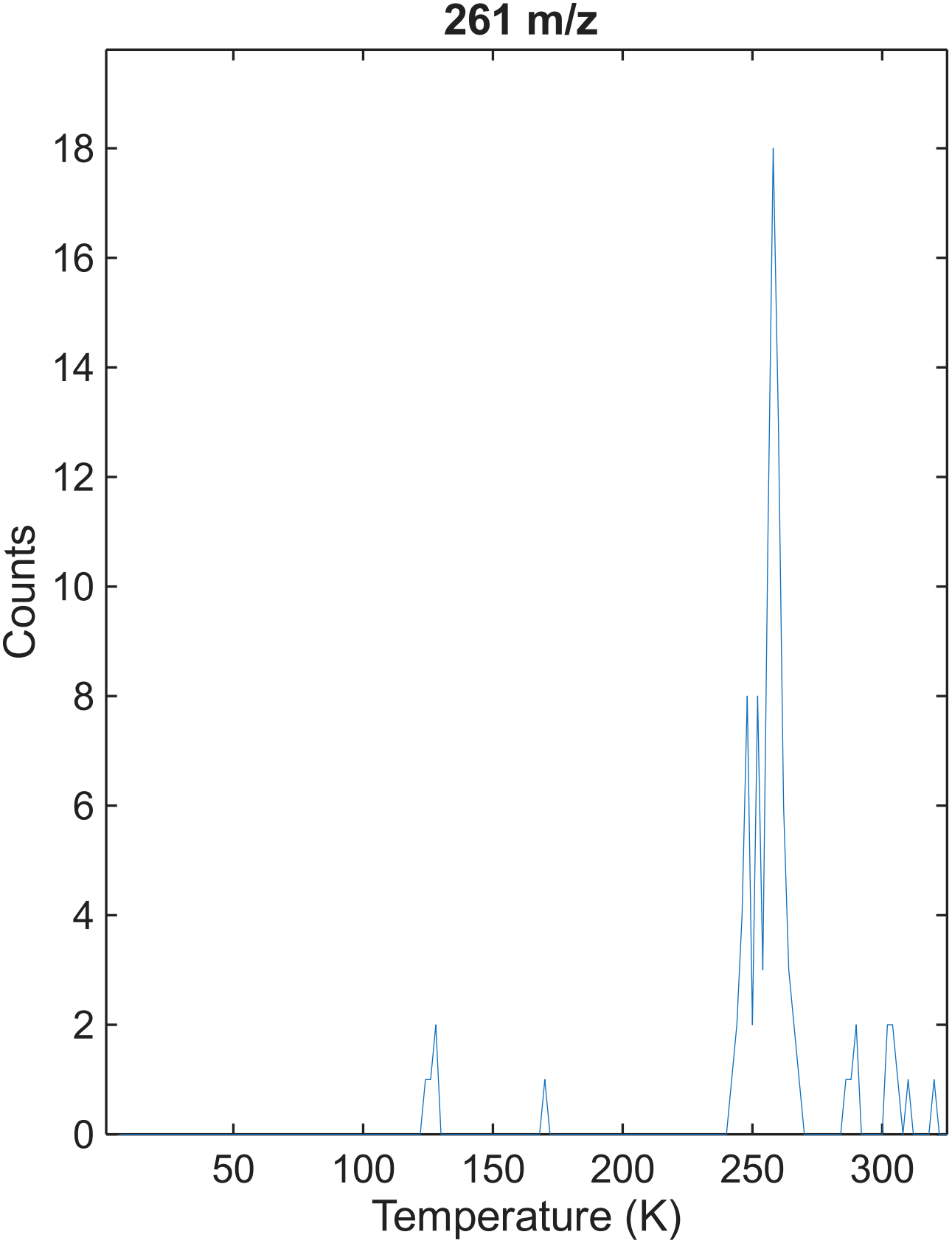
261 m/z
Counts
Temperature (K)
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2
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150
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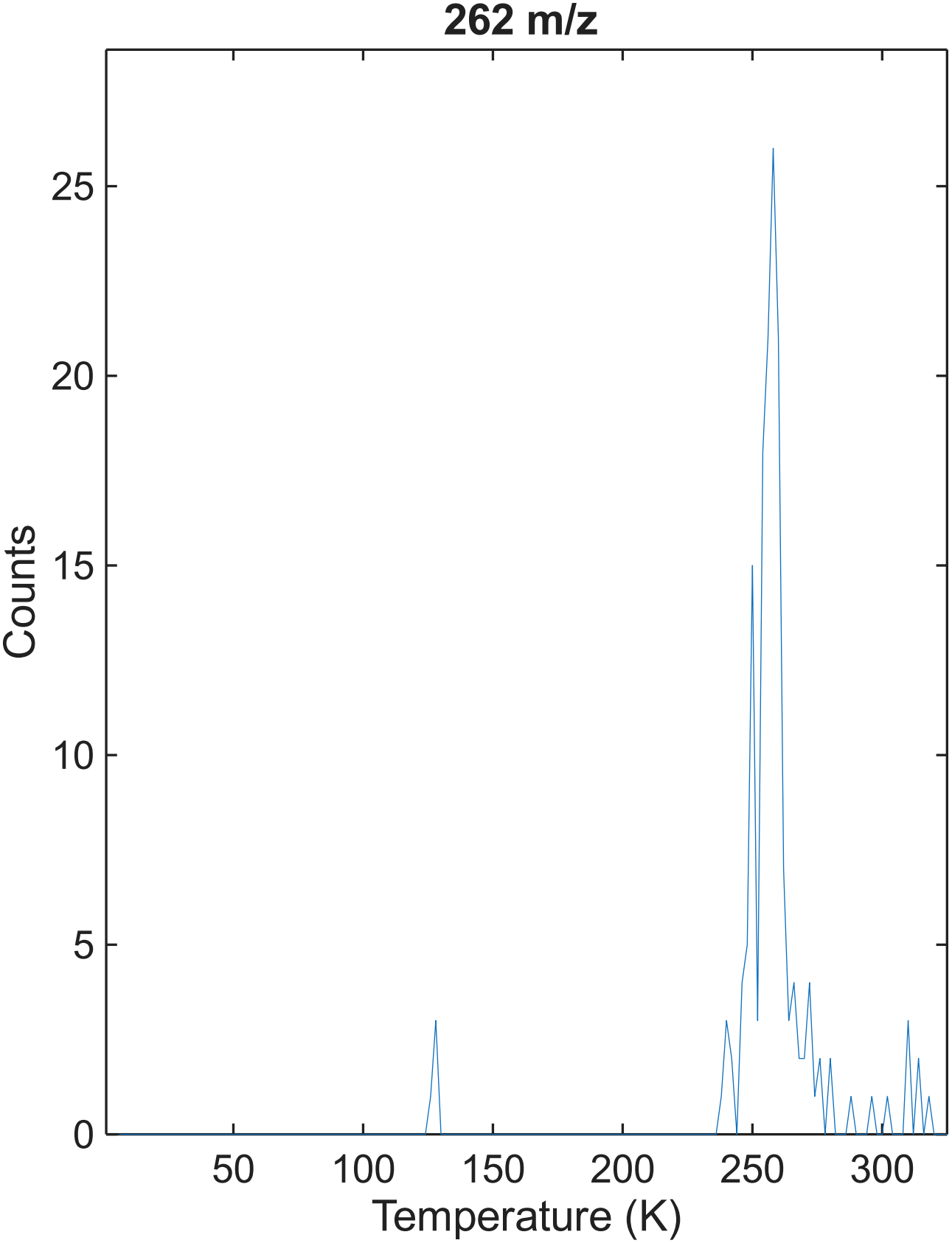
262 m/z
Counts
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10
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20
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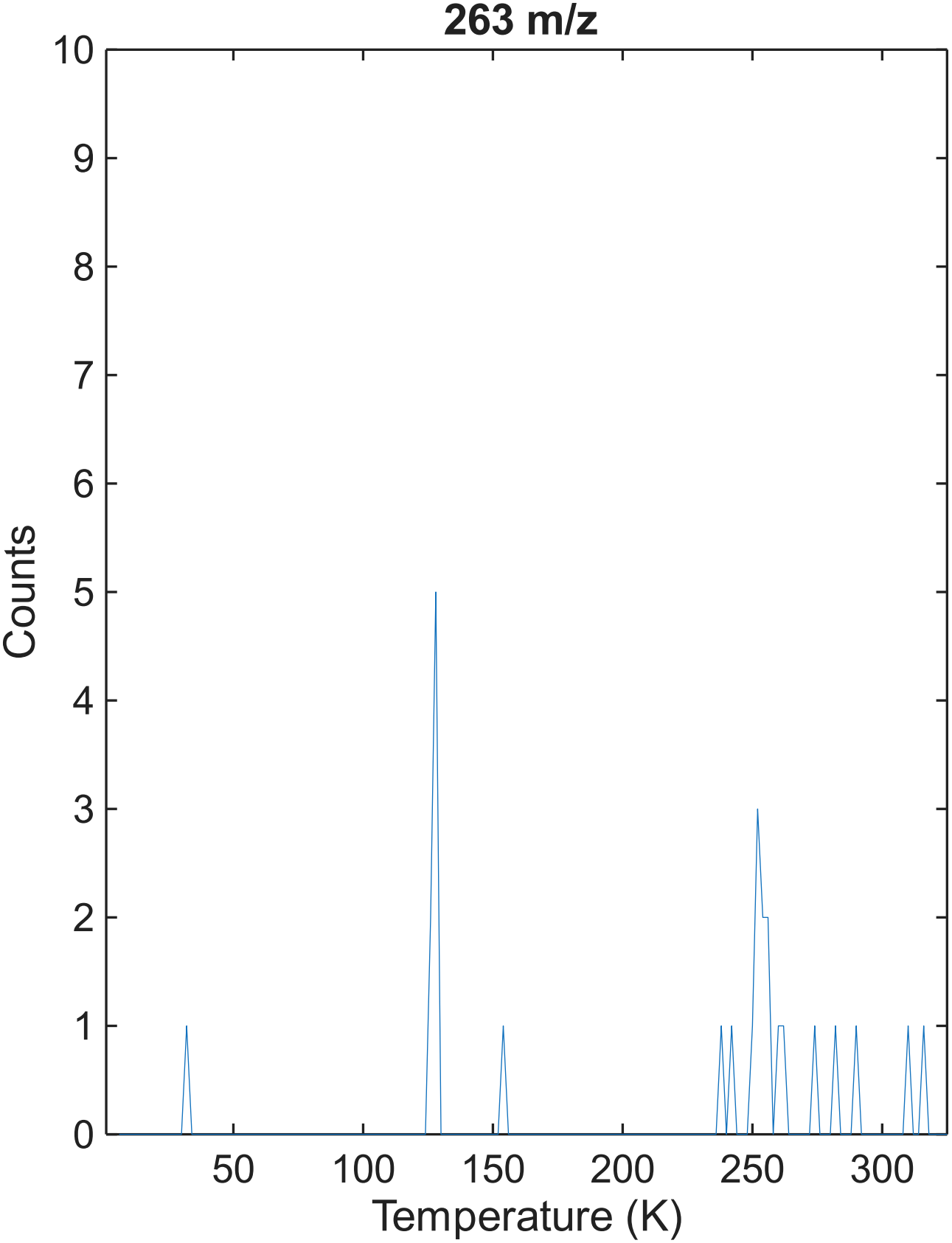
50
100
150
200
250
300
Temperature (K)


263 m/z
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Temperature (K)
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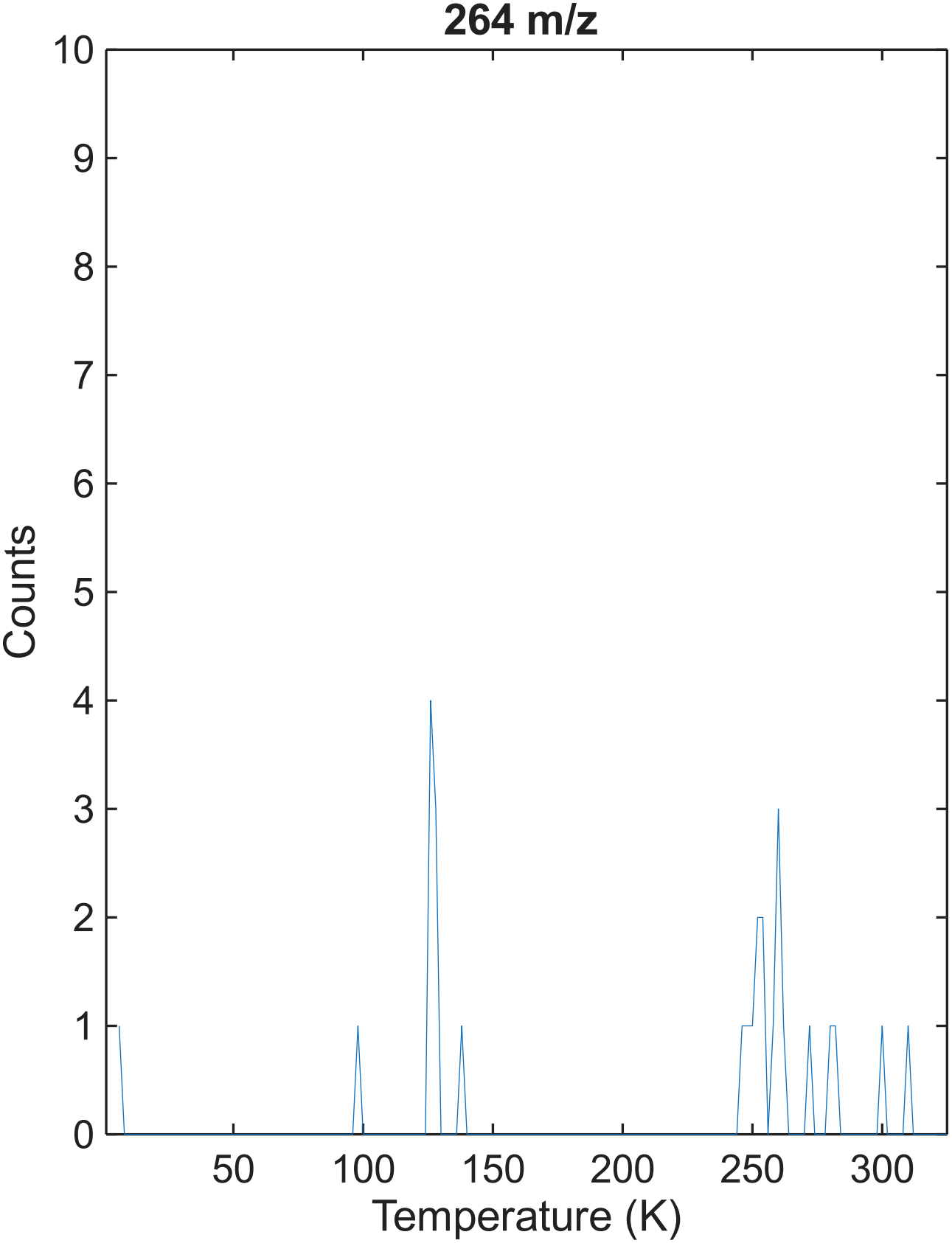
264 m/z
Counts
Temperature (K)
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2
3
4
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7
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9
10
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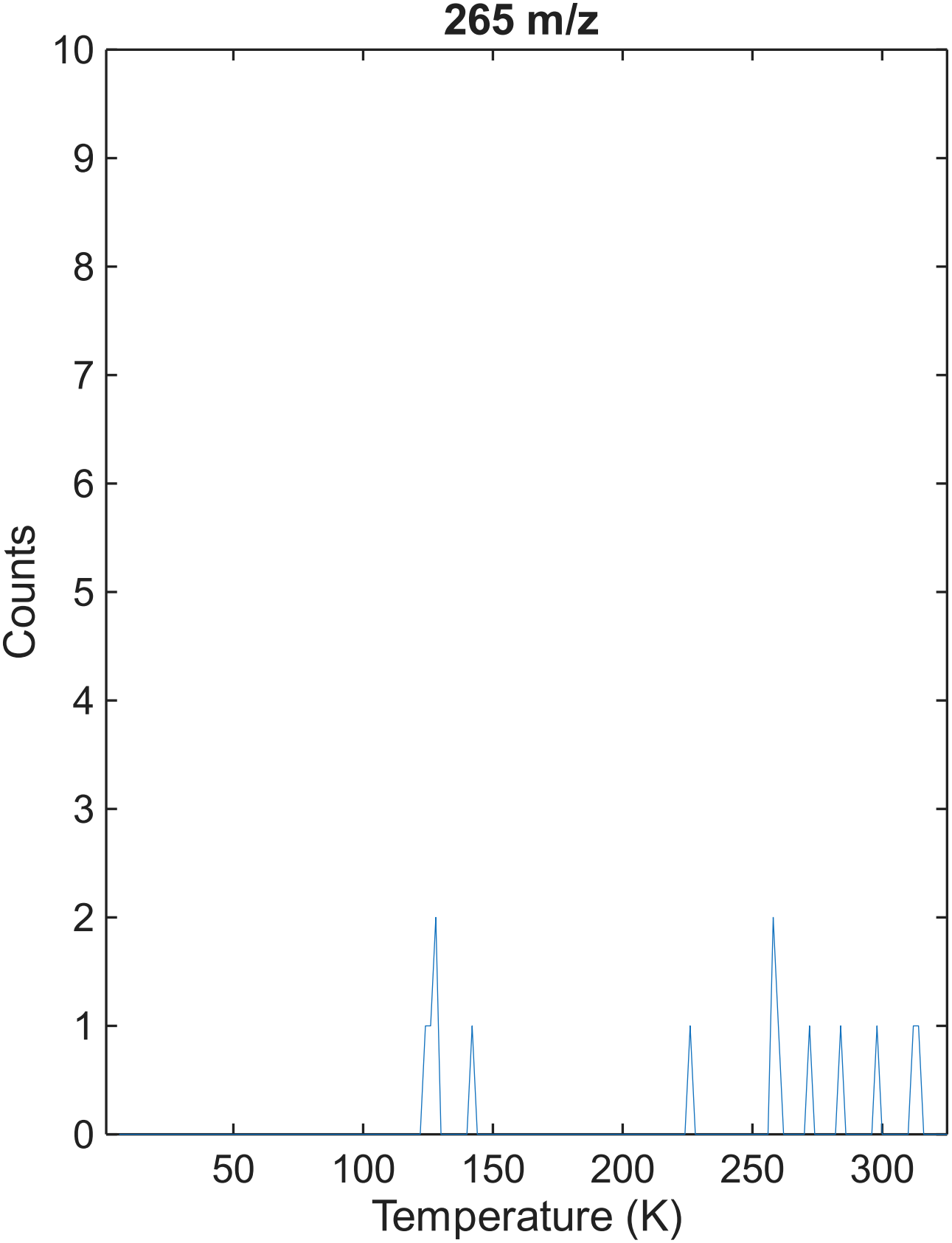
265 m/z
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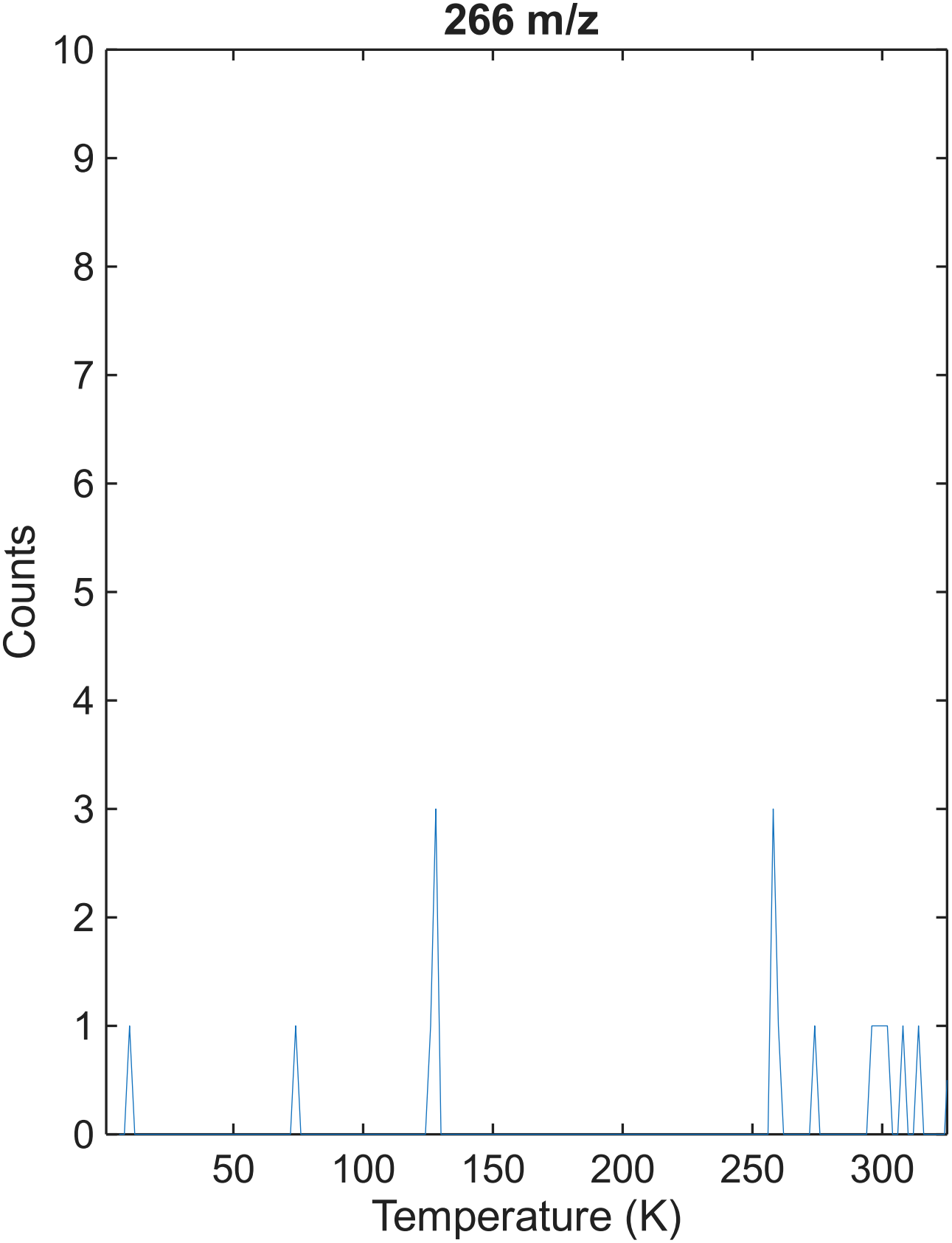
266 m/z
Counts
Temperature (K)
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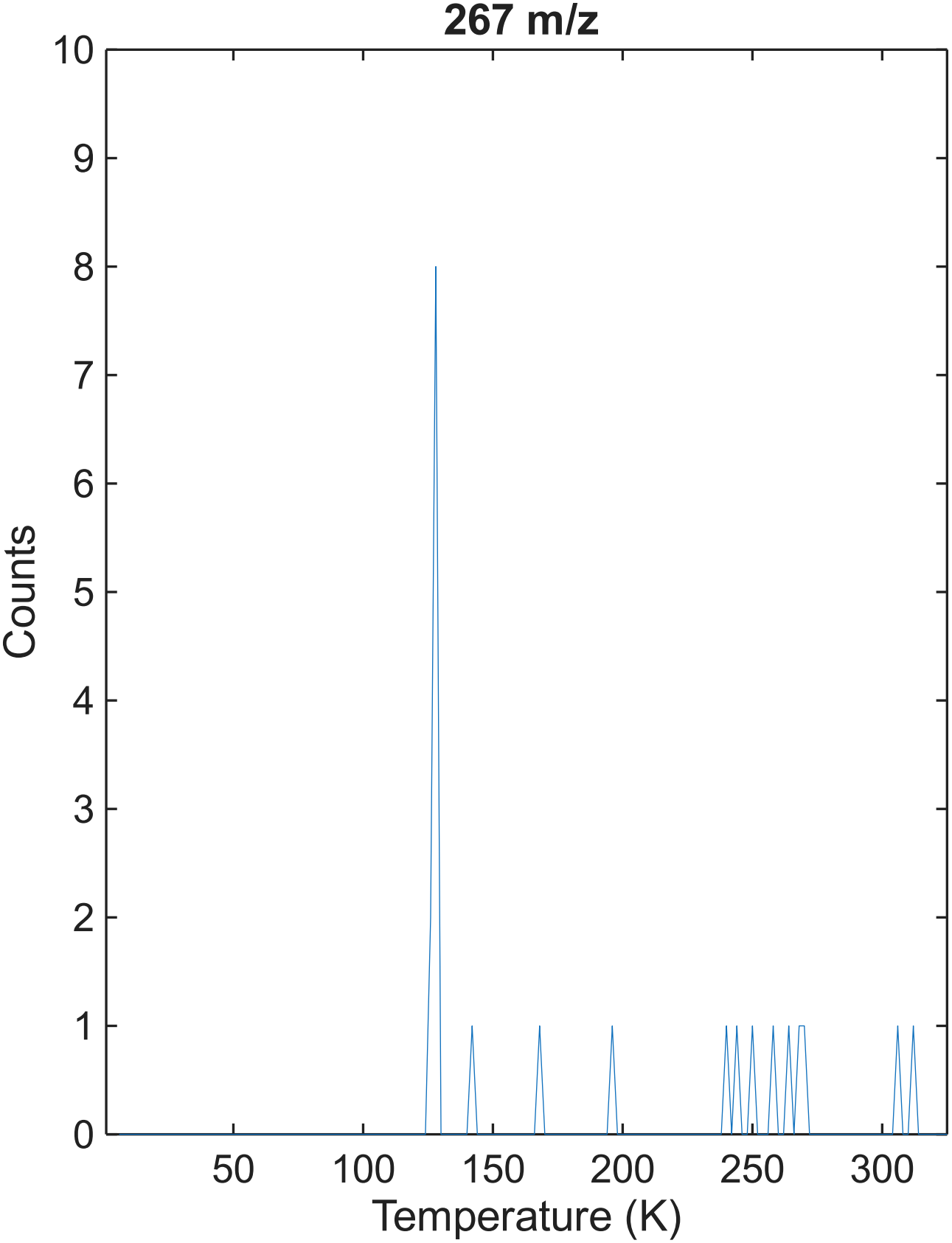
267 m/z
Counts
Temperature (K)
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4
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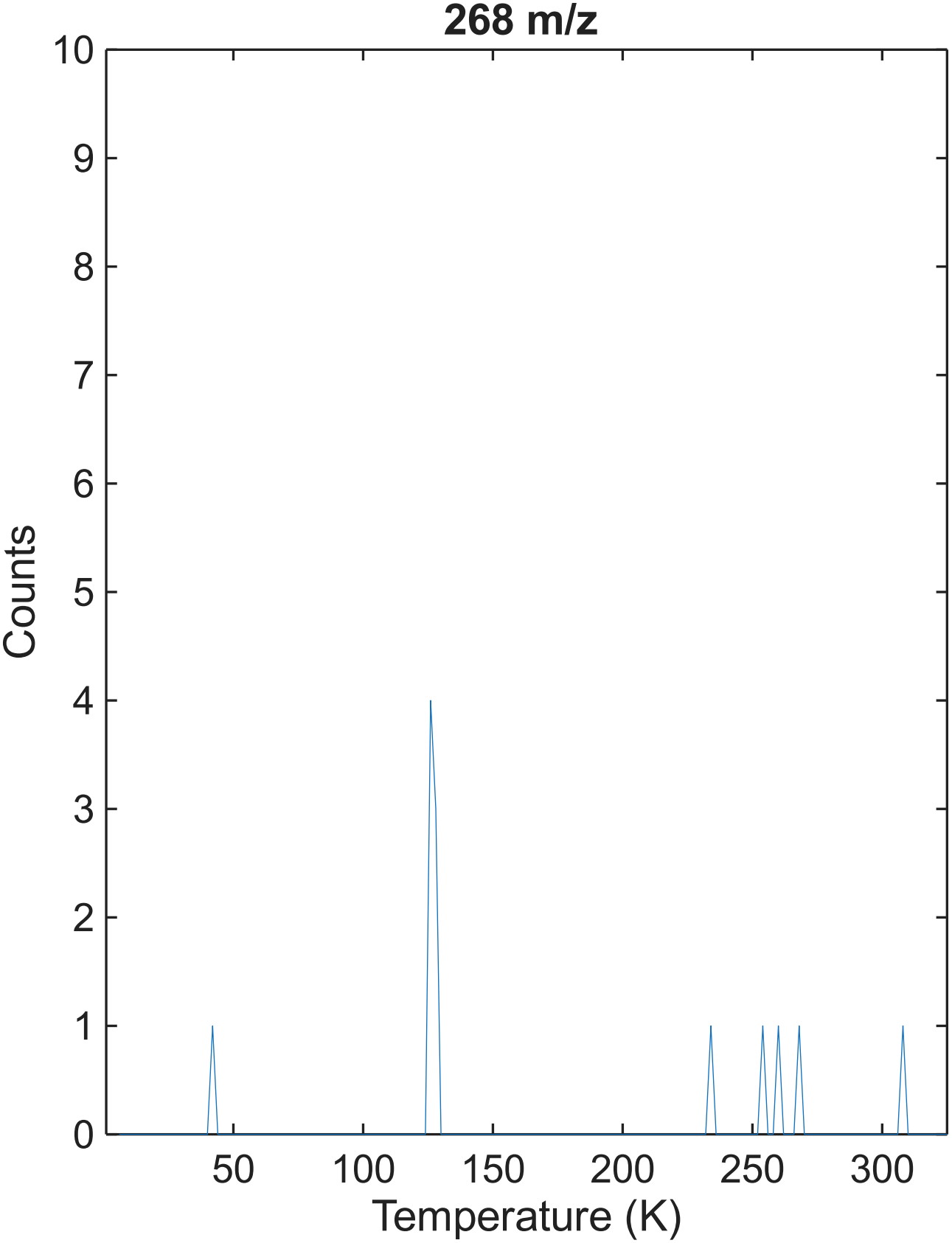
268 m/z
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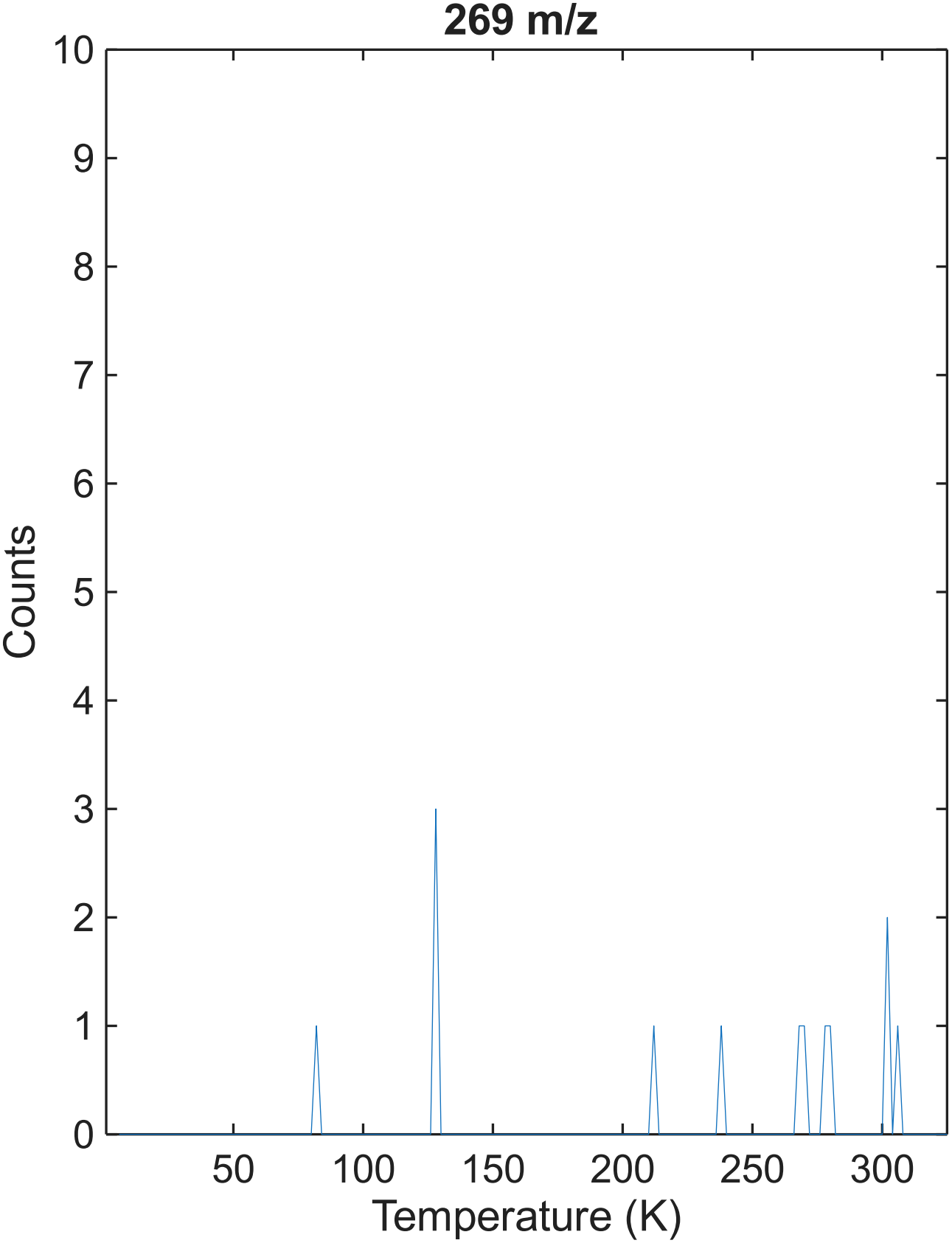
269 m/z
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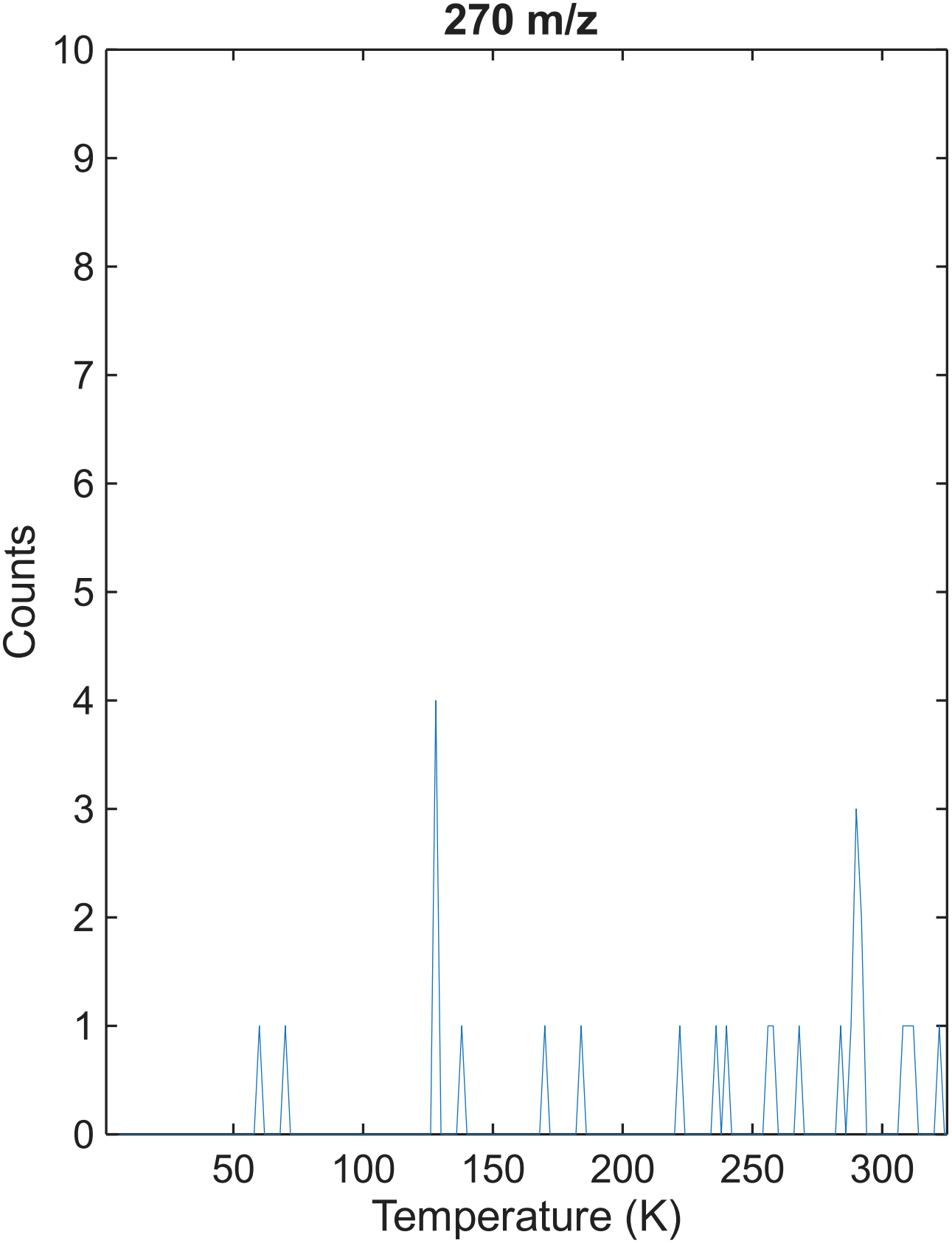
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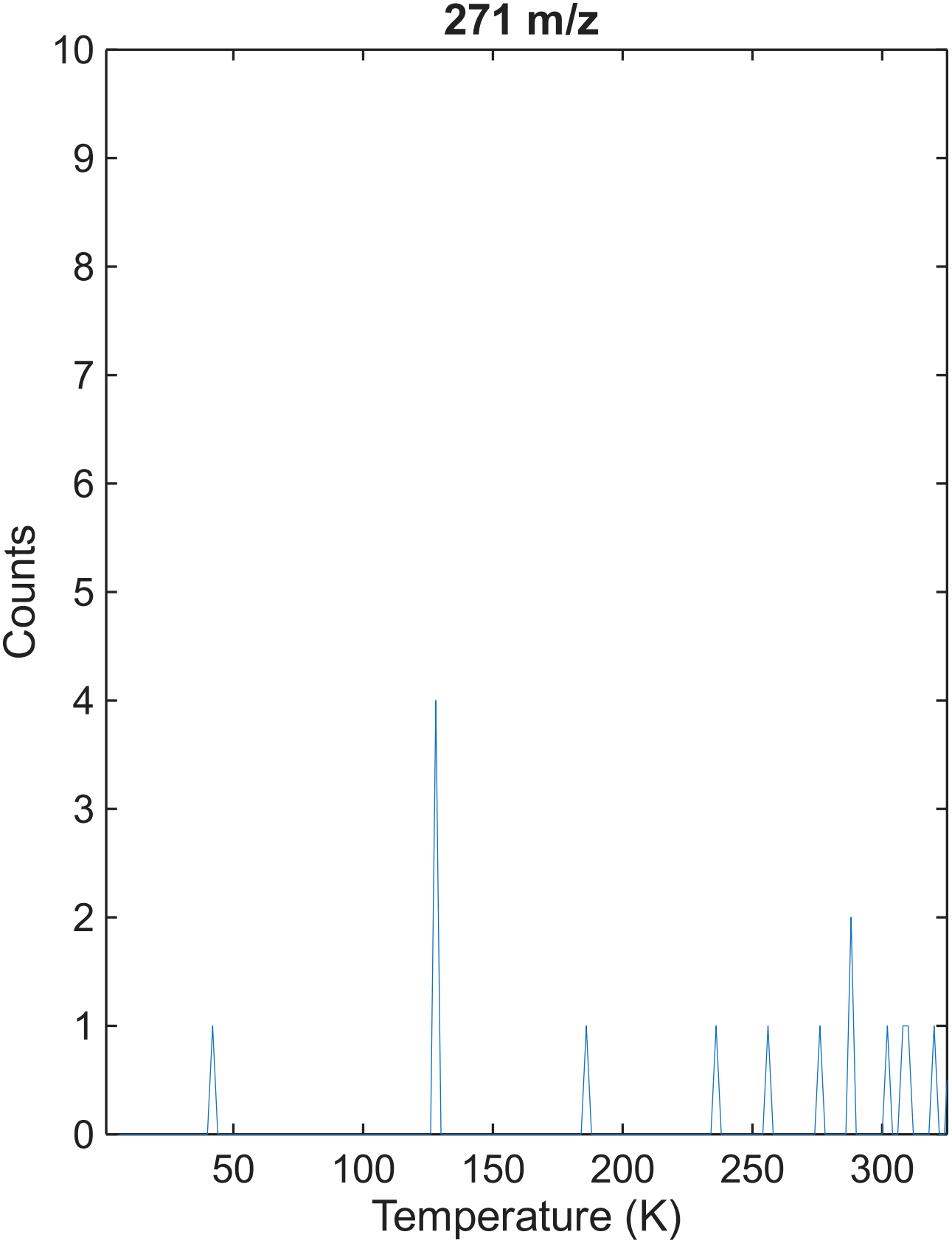
271 m/z
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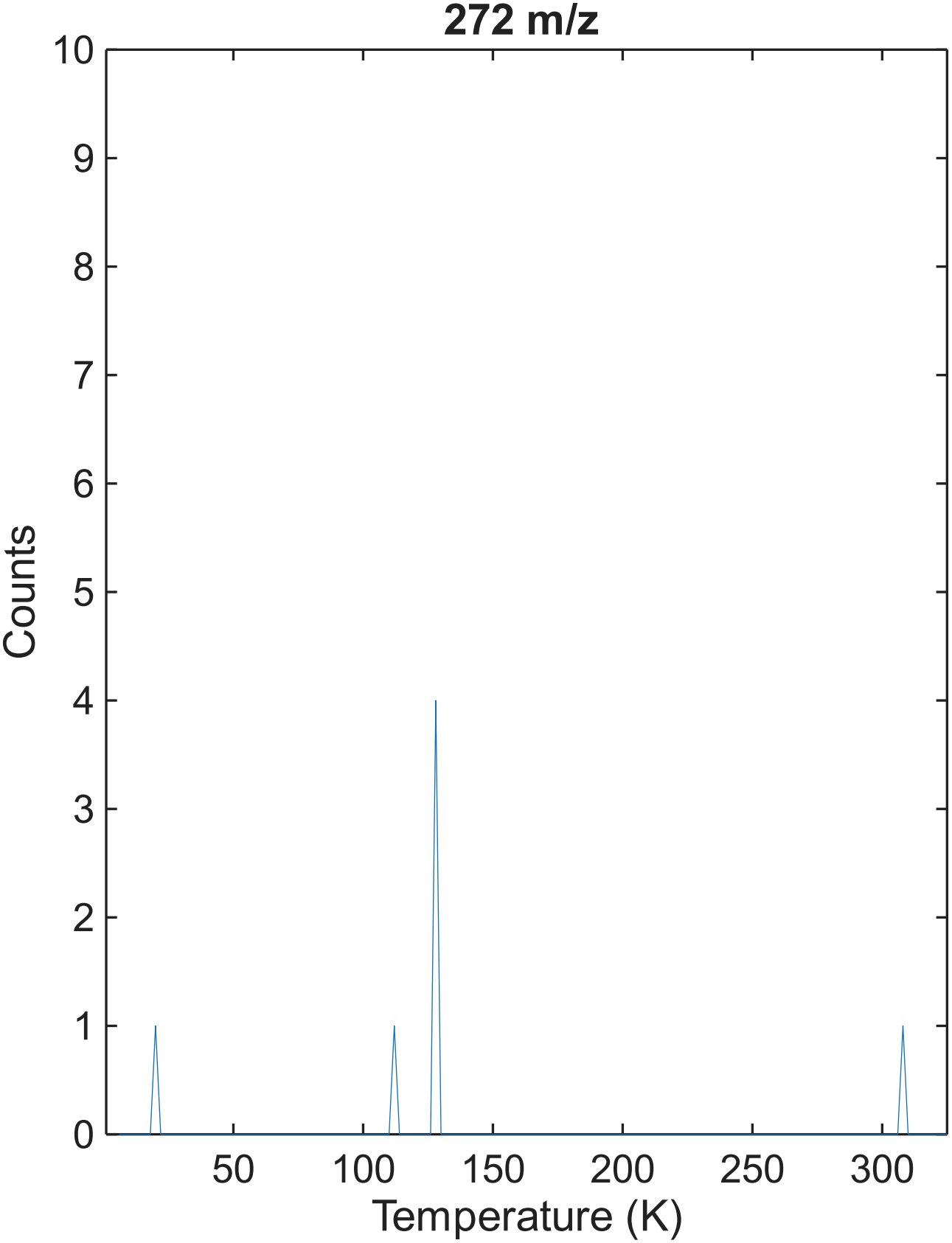
272 m/z
Counts
Temperature (K)
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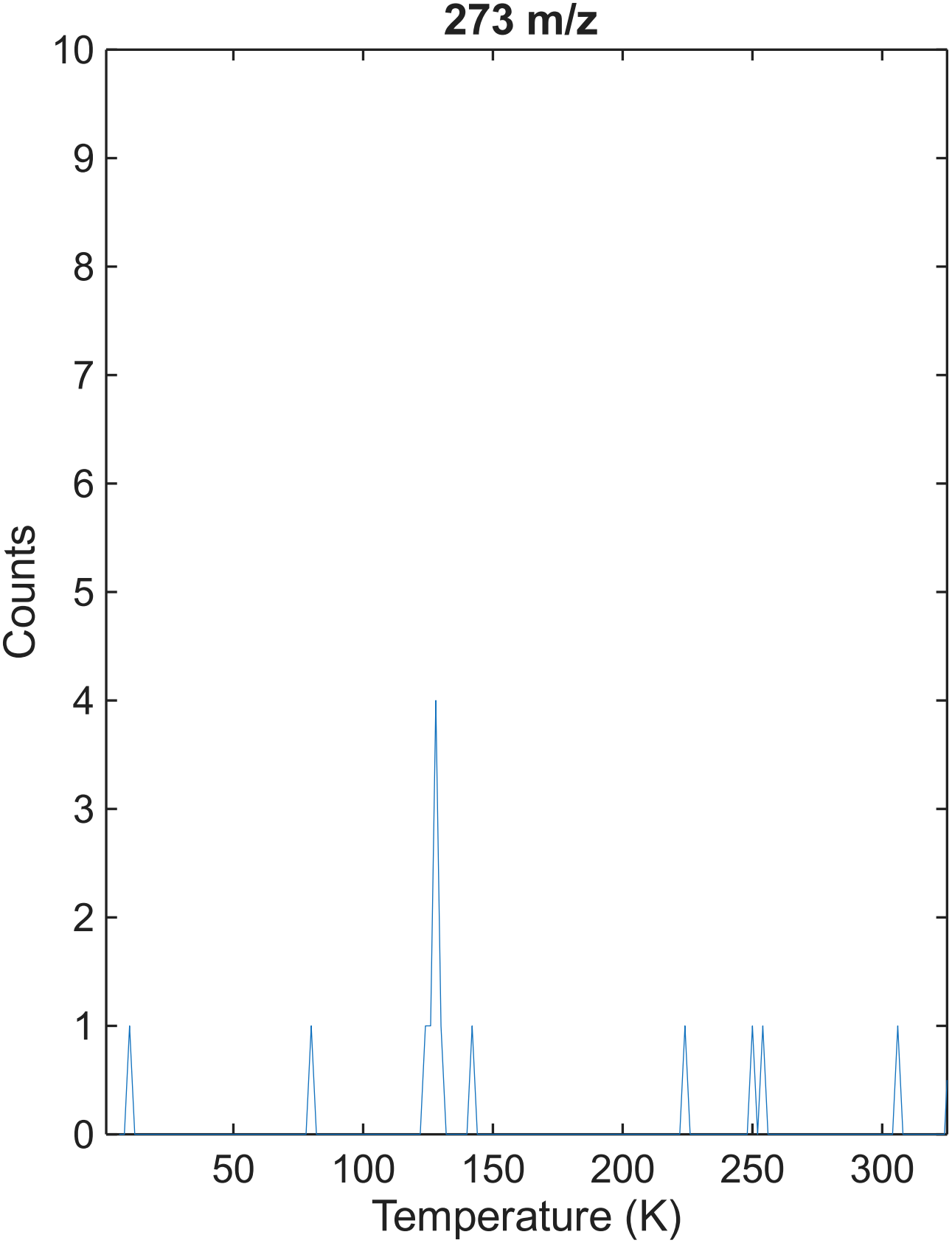
273 m/z
Counts
Temperature (K)
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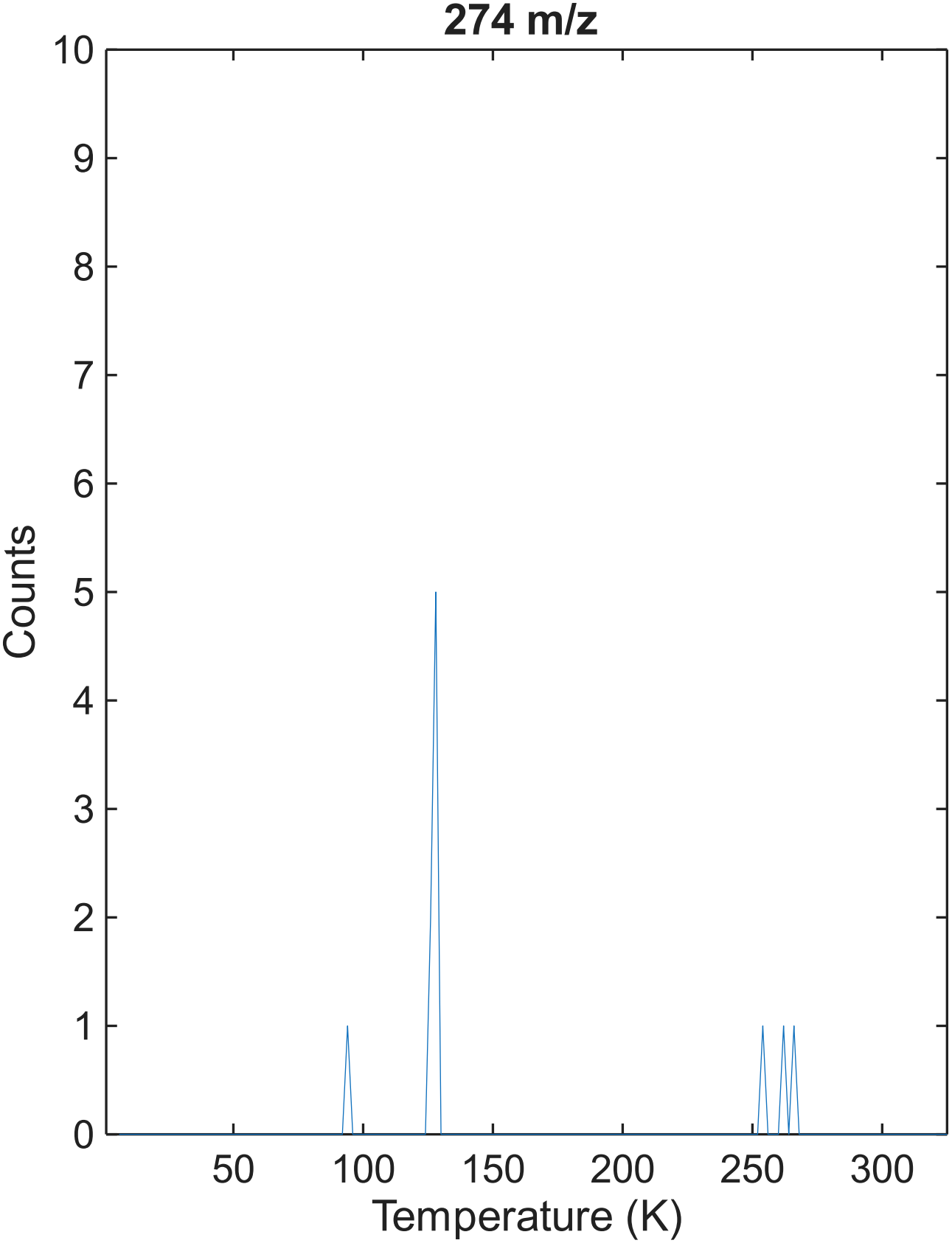
274 m/z
Counts
Temperature (K)
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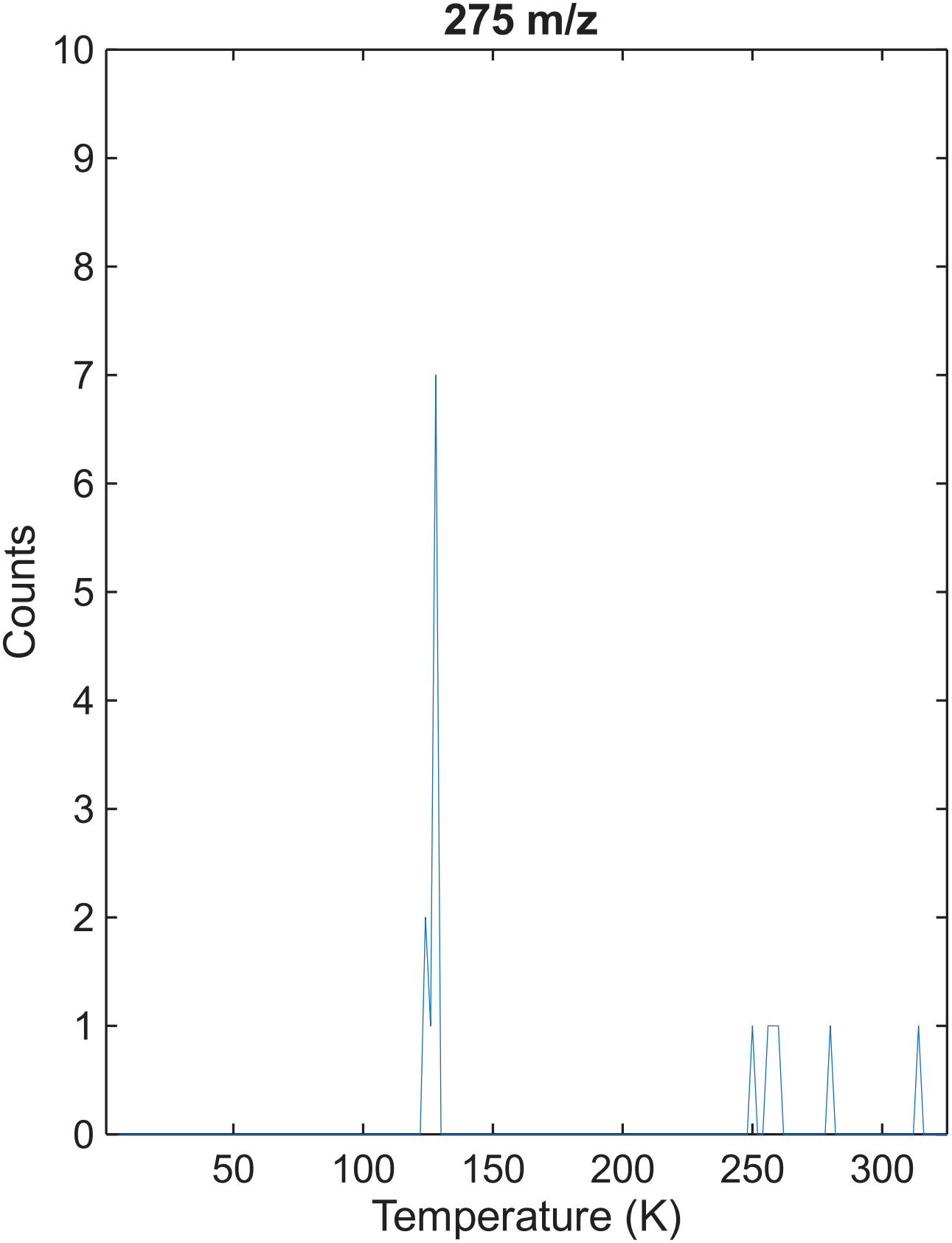
275 m/z
Counts
Temperature (K)
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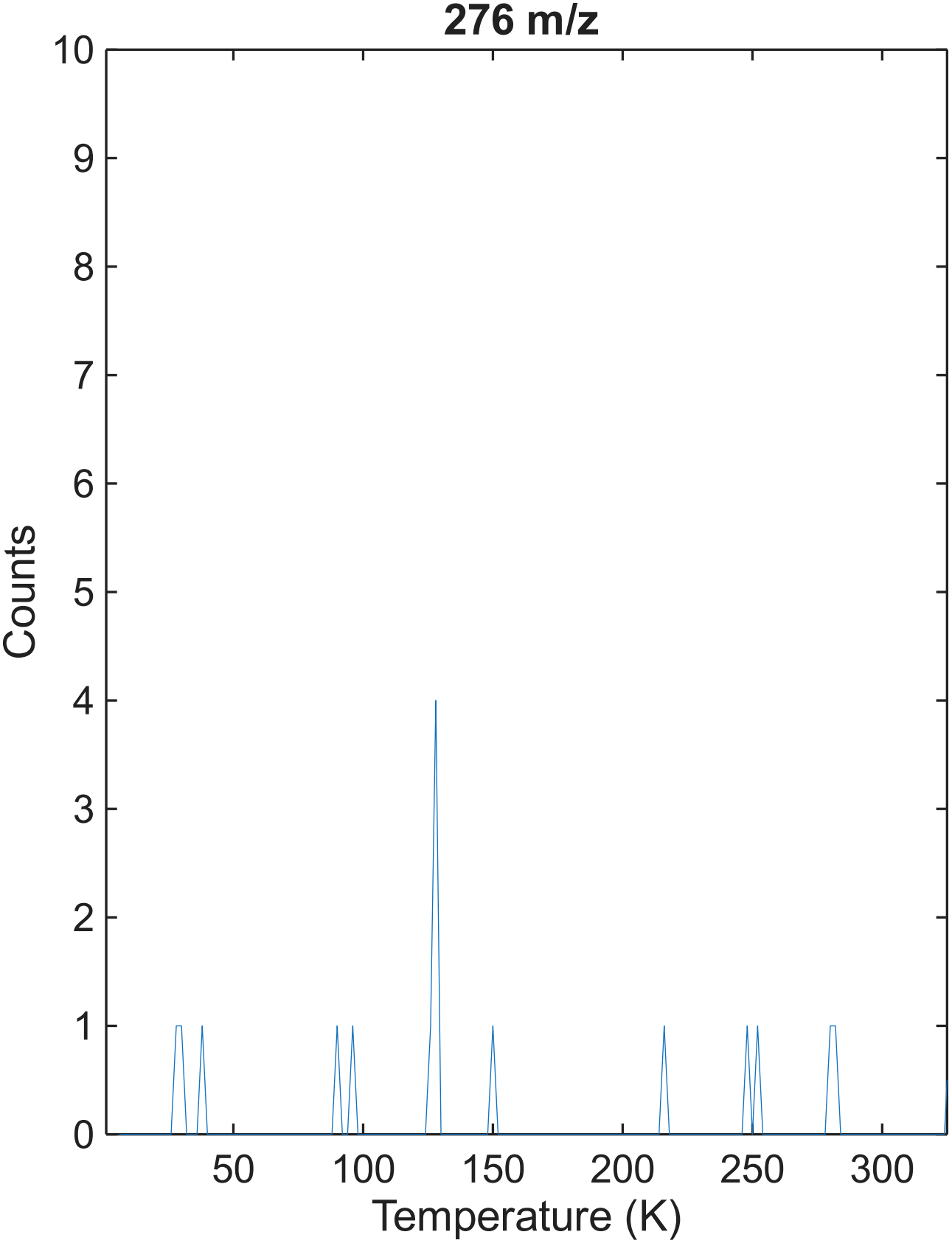
276 m/z
Counts
Temperature (K)
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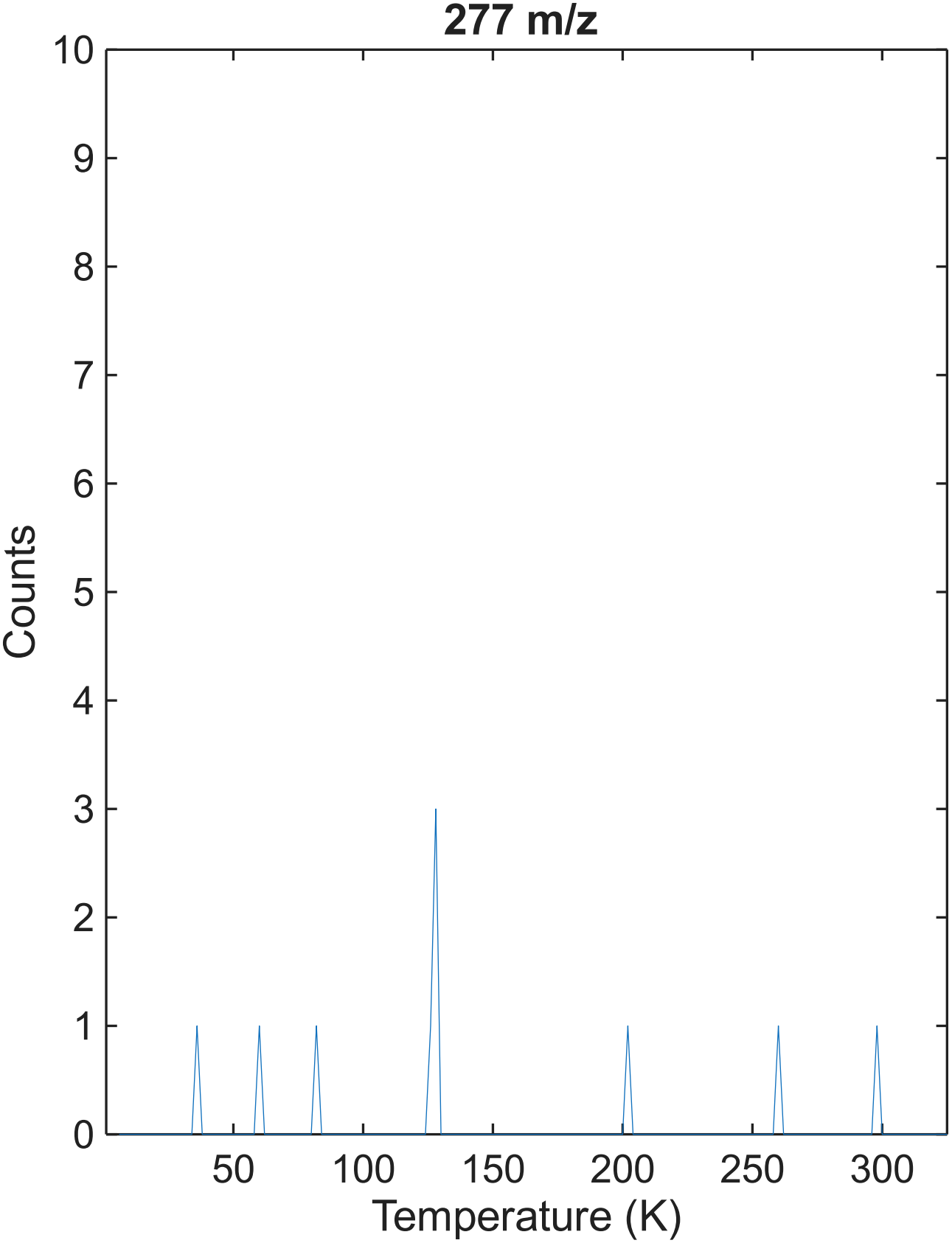
277 m/z
Counts
Temperature (K)
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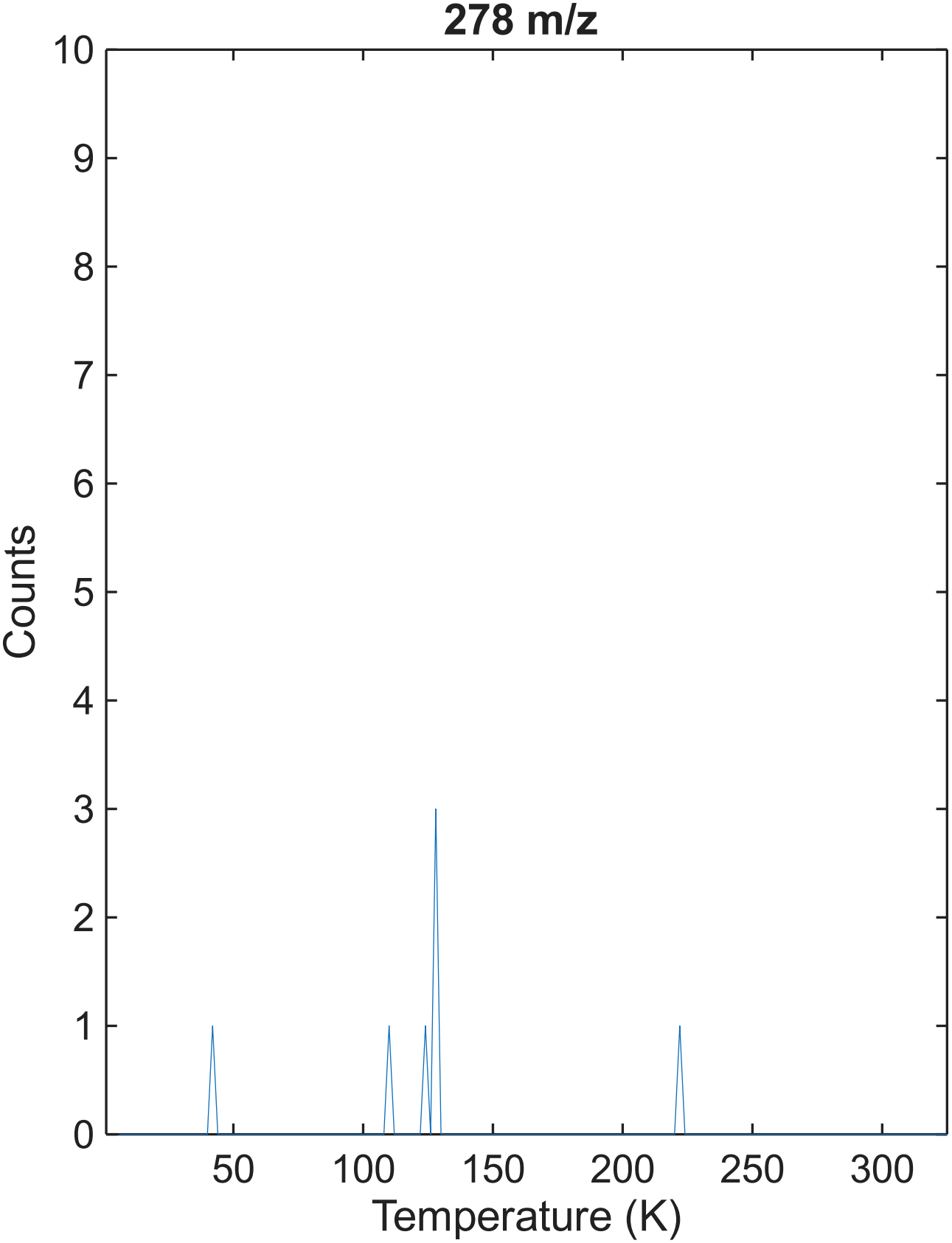
278 m/z
Counts
Temperature (K)
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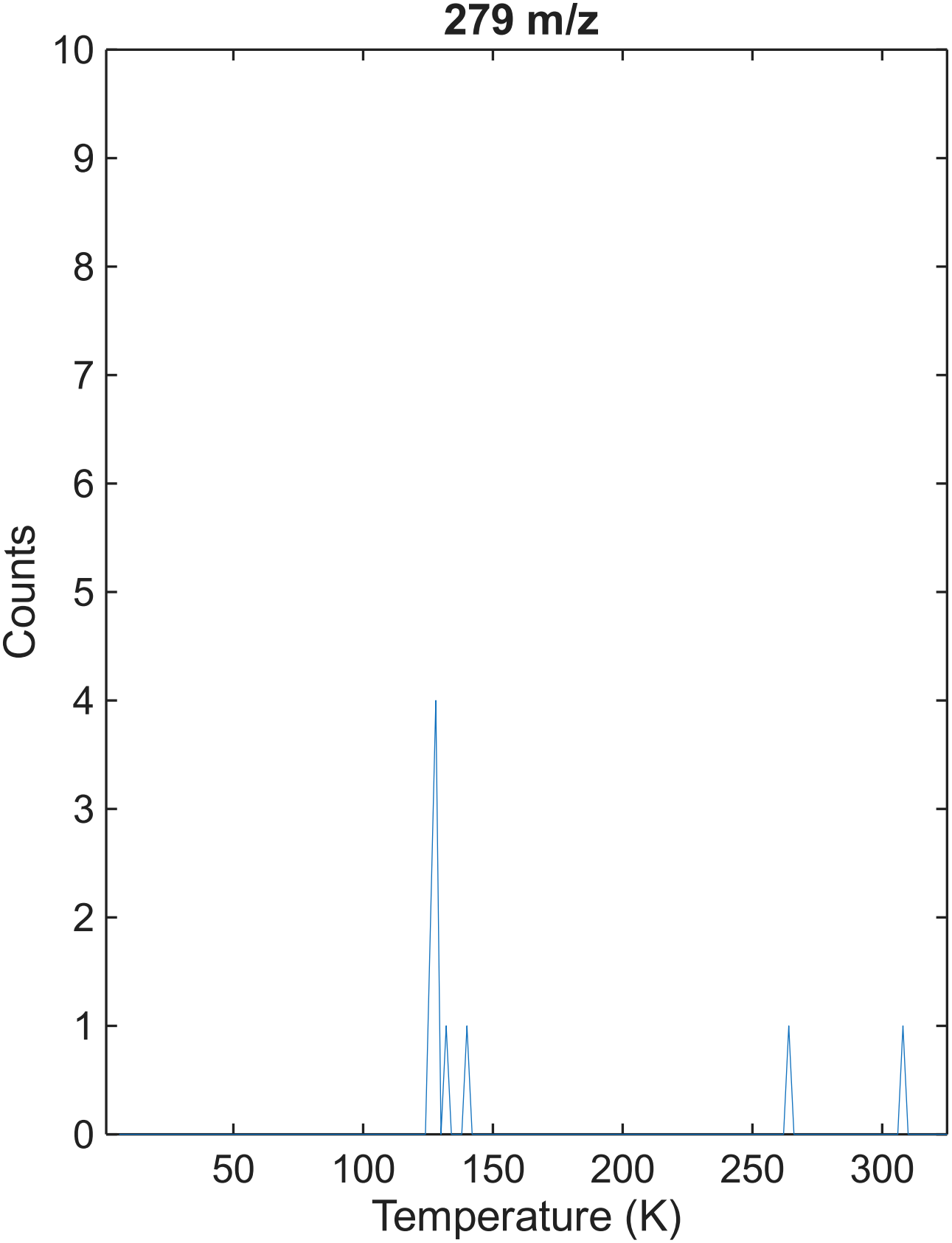
279 m/z
Counts
Temperature (K)
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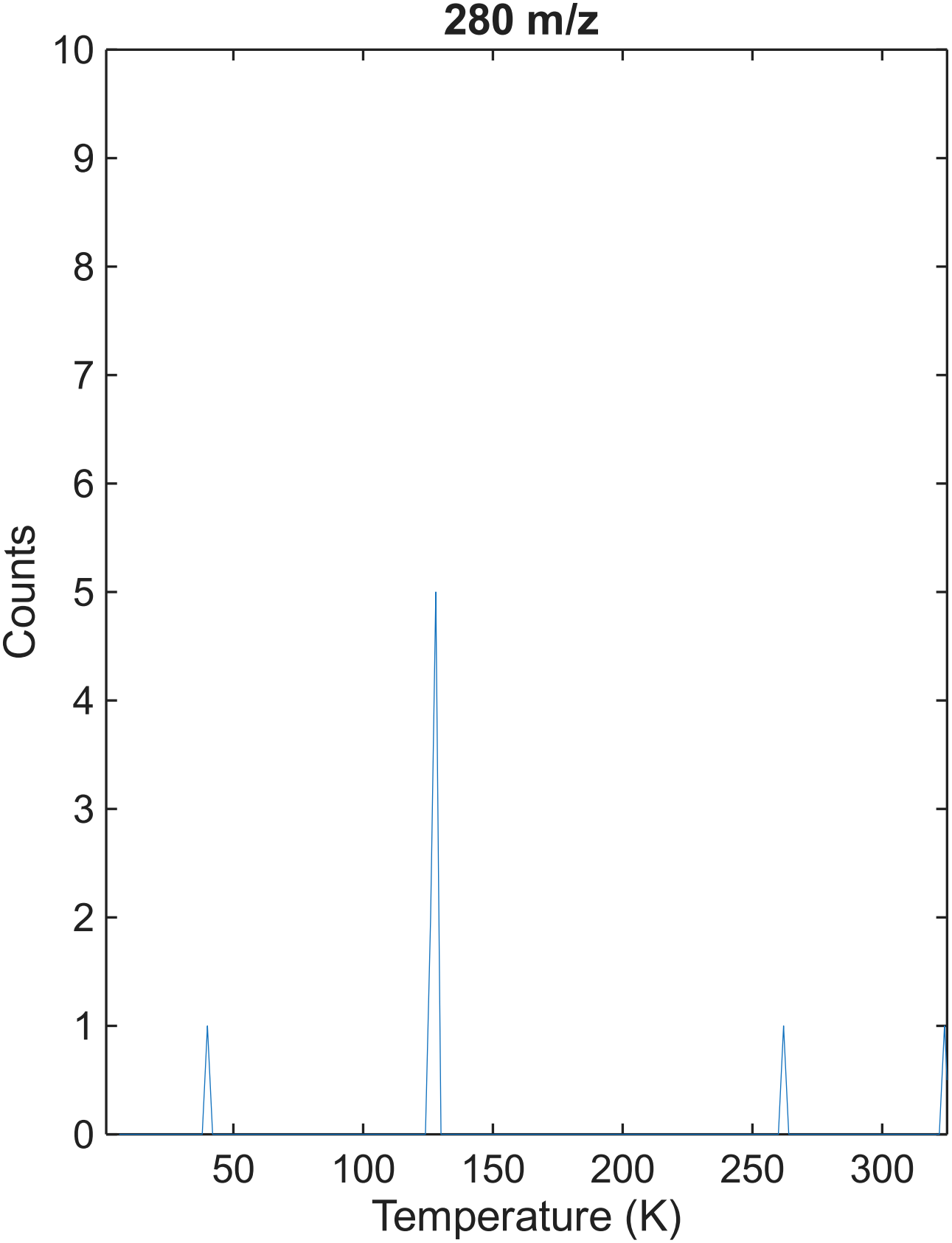
280 m/z
Counts
Temperature (K)
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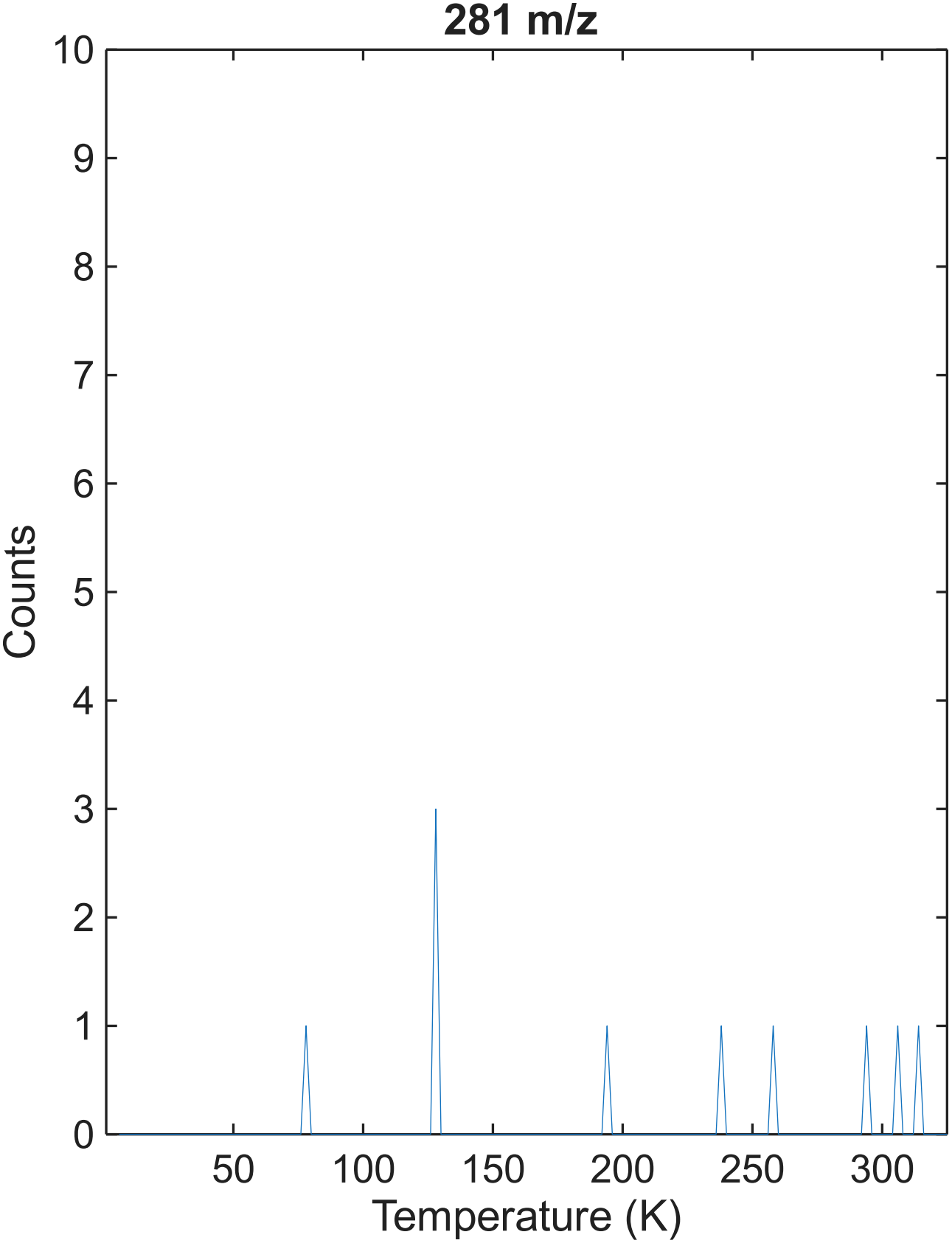
281 m/z
Counts
Temperature (K)
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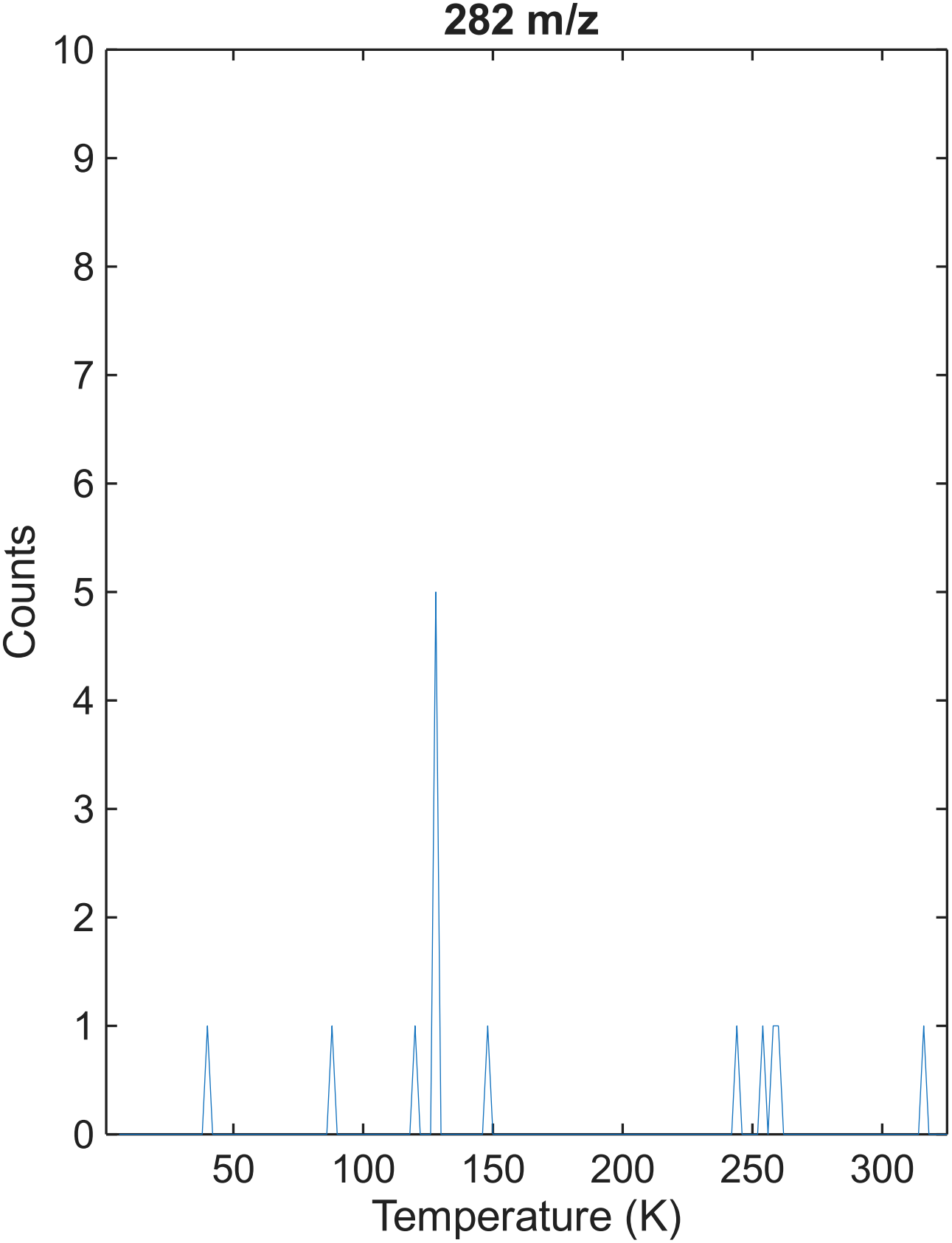
282 m/z
Counts
Temperature (K)
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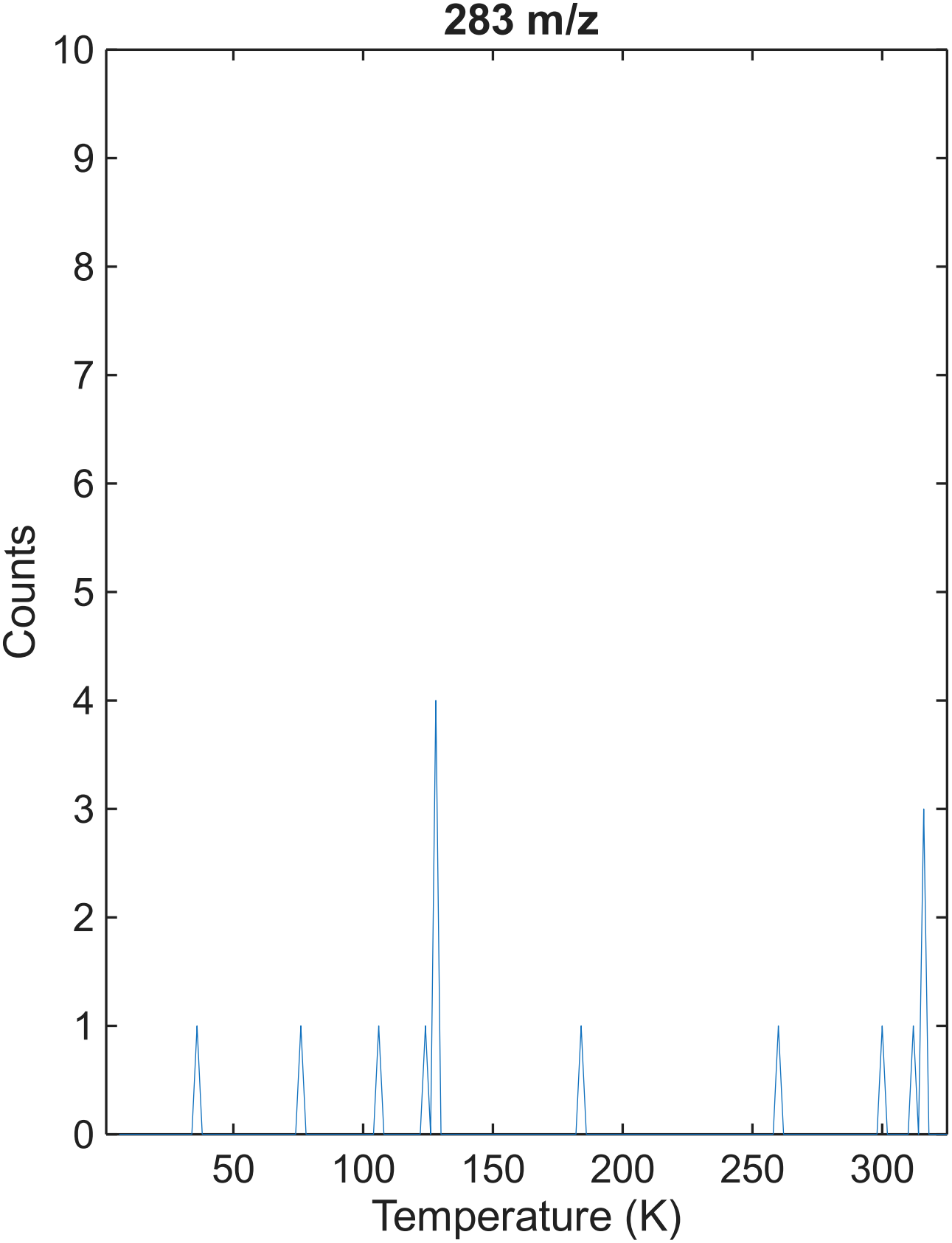
283 m/z
Counts
Temperature (K)
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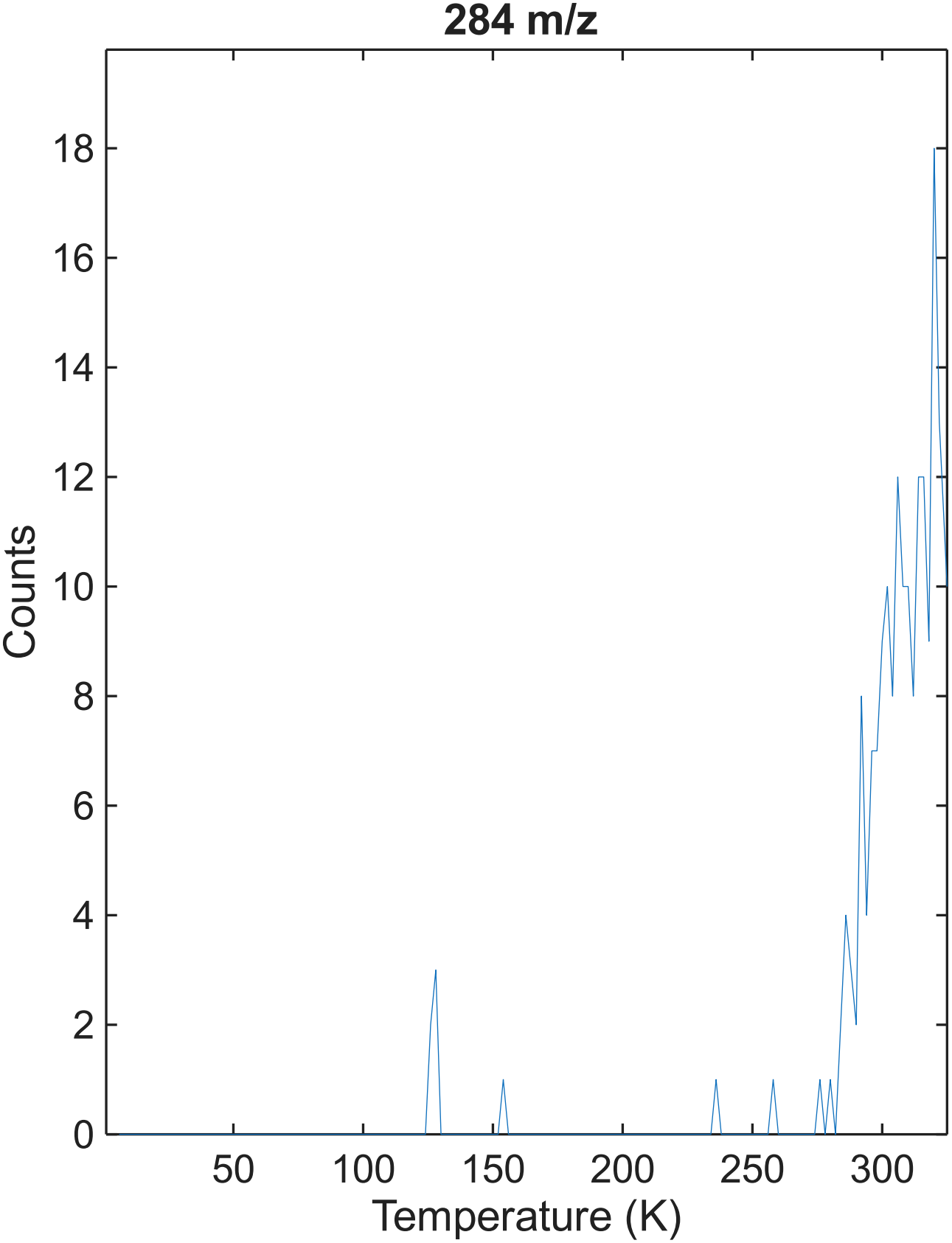
284 m/z
Counts
Temperature (K)
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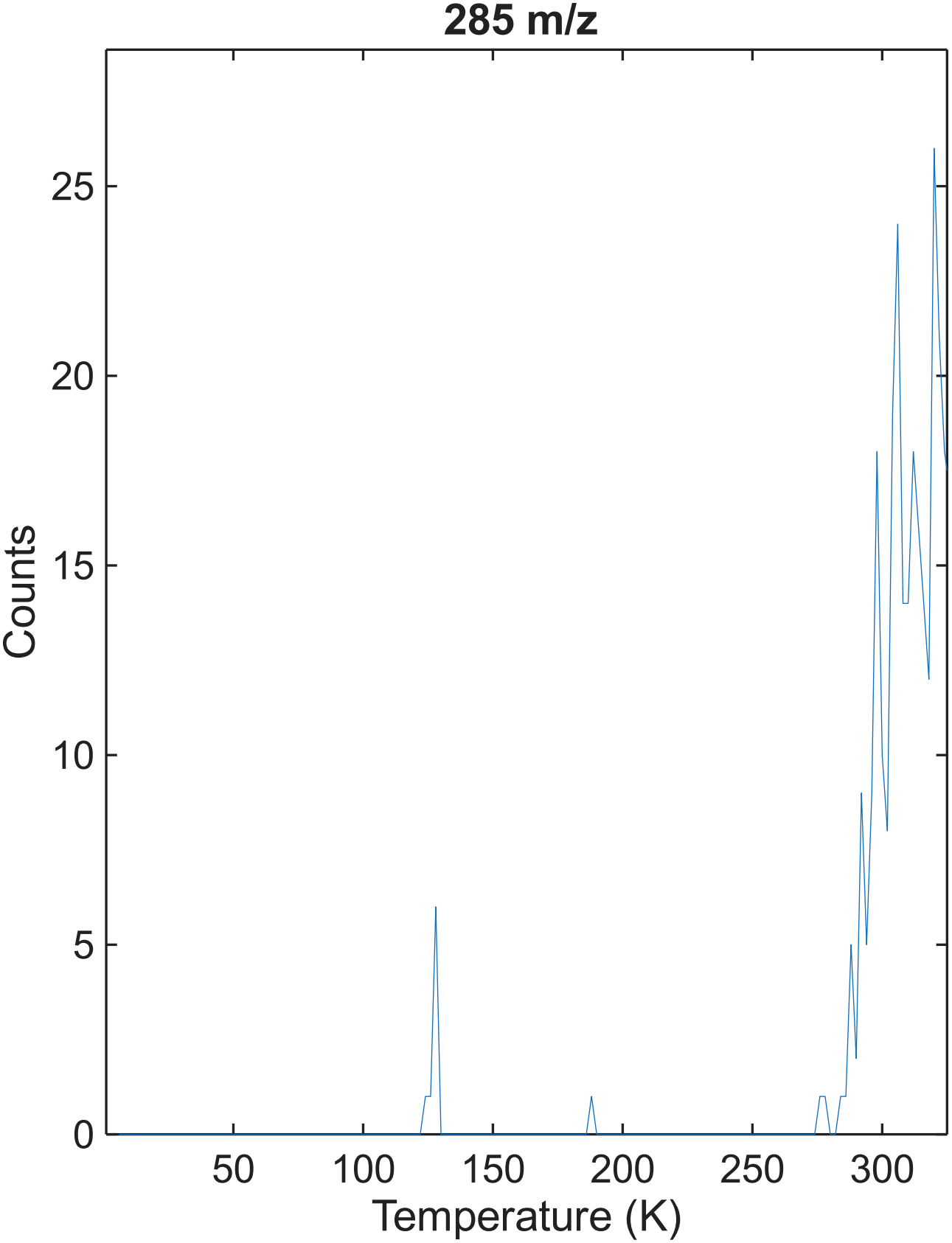
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Counts
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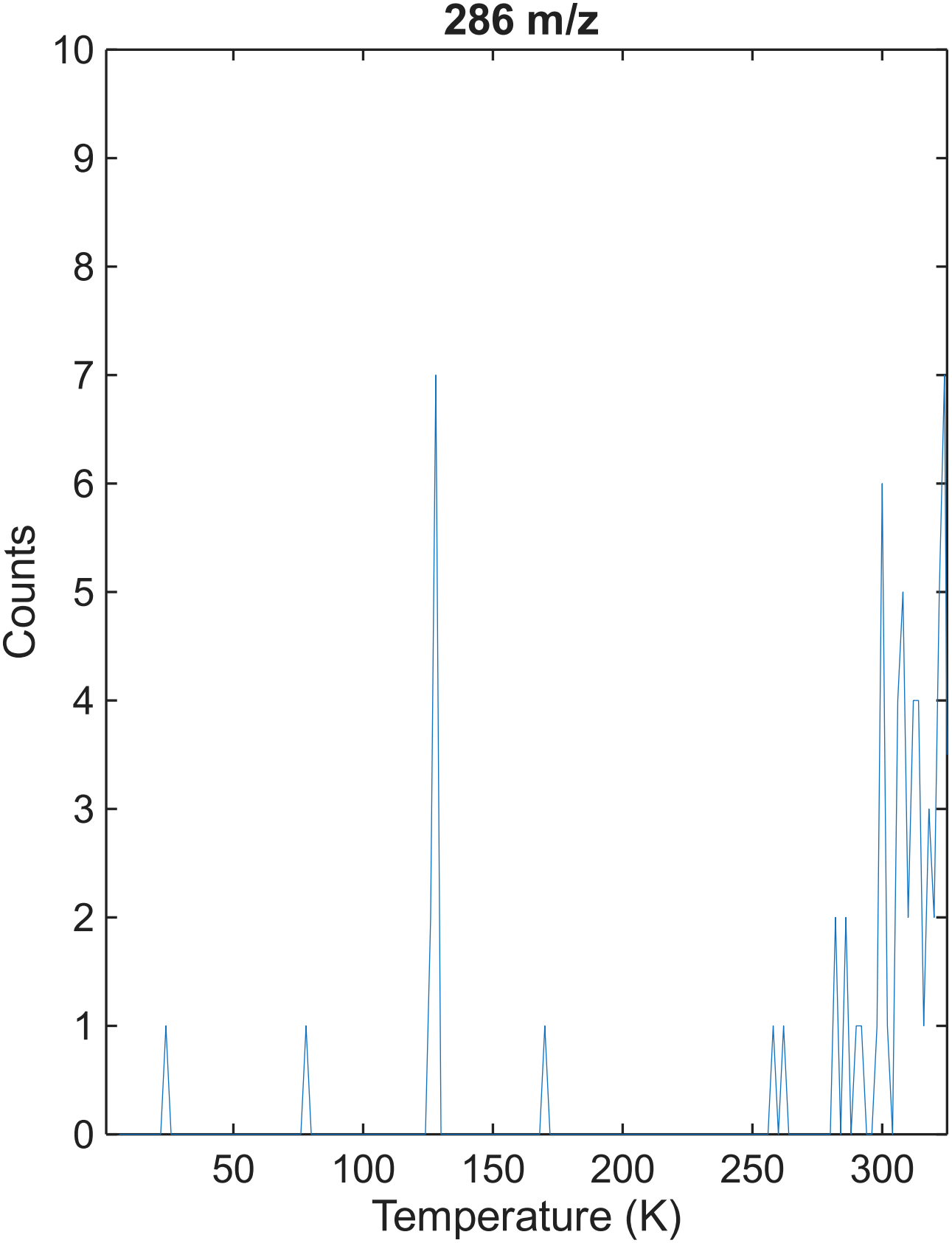
Temperature (K)


286 m/z
Counts
Temperature (K)
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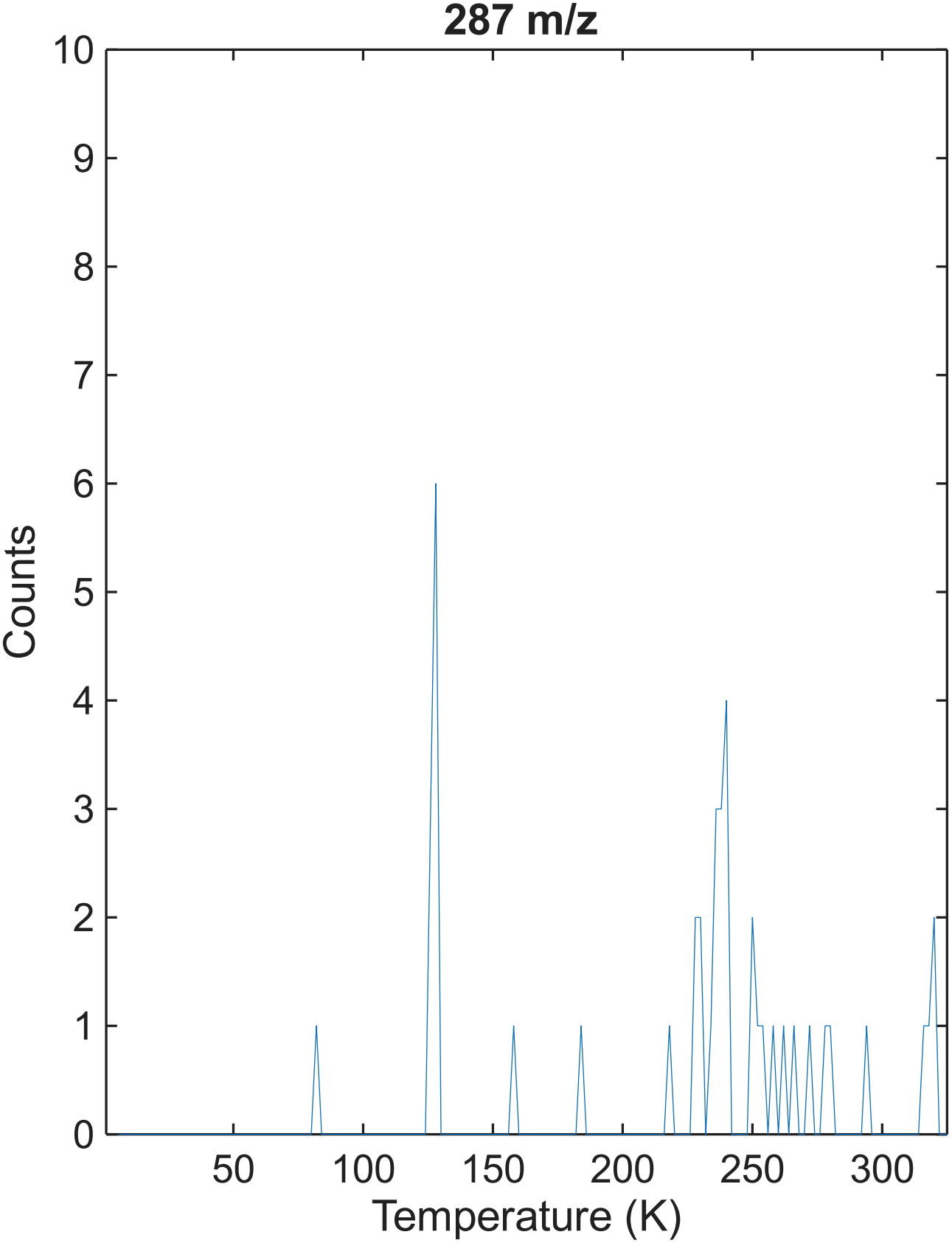
287 m/z
Counts
Temperature (K)
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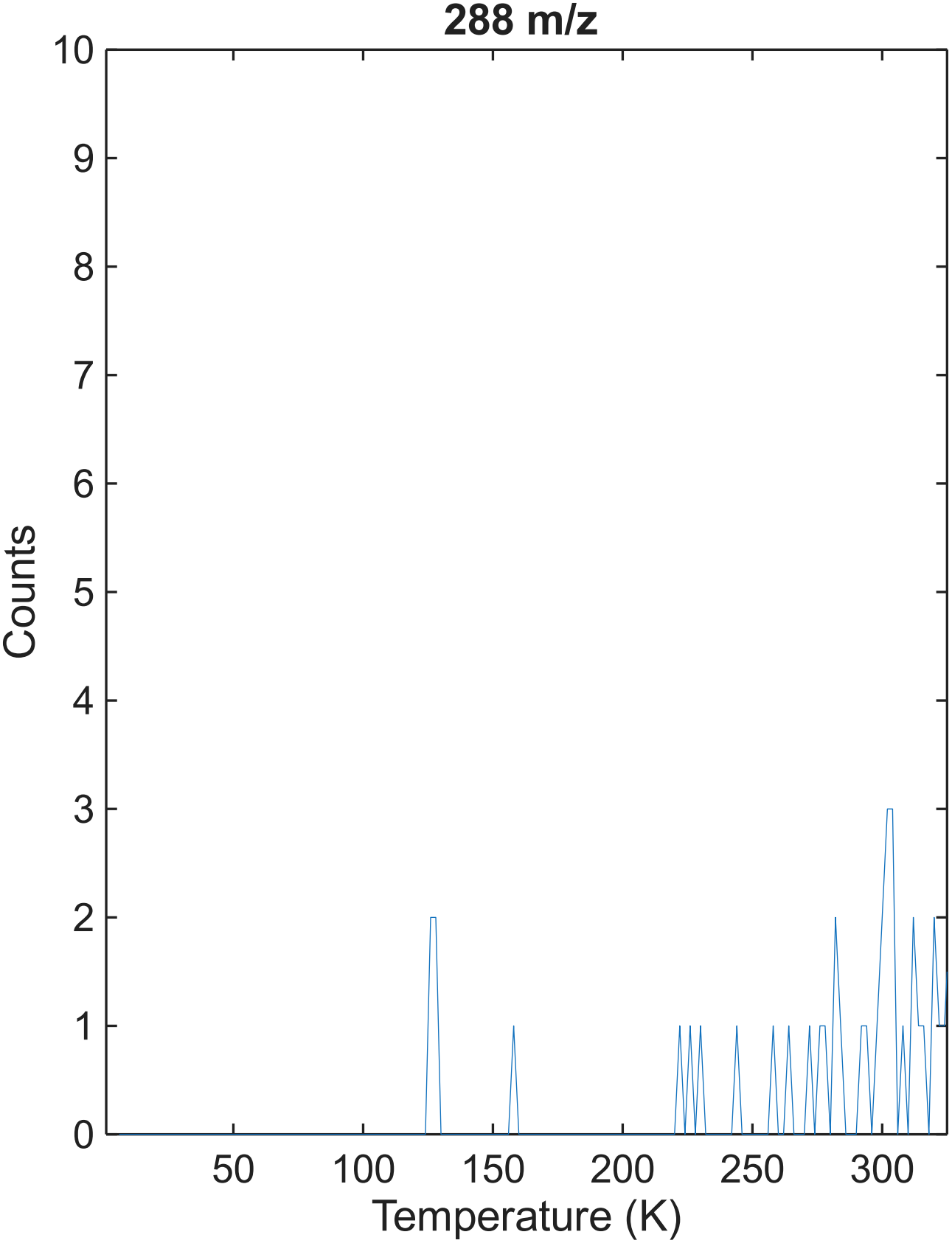
288 m/z
Counts
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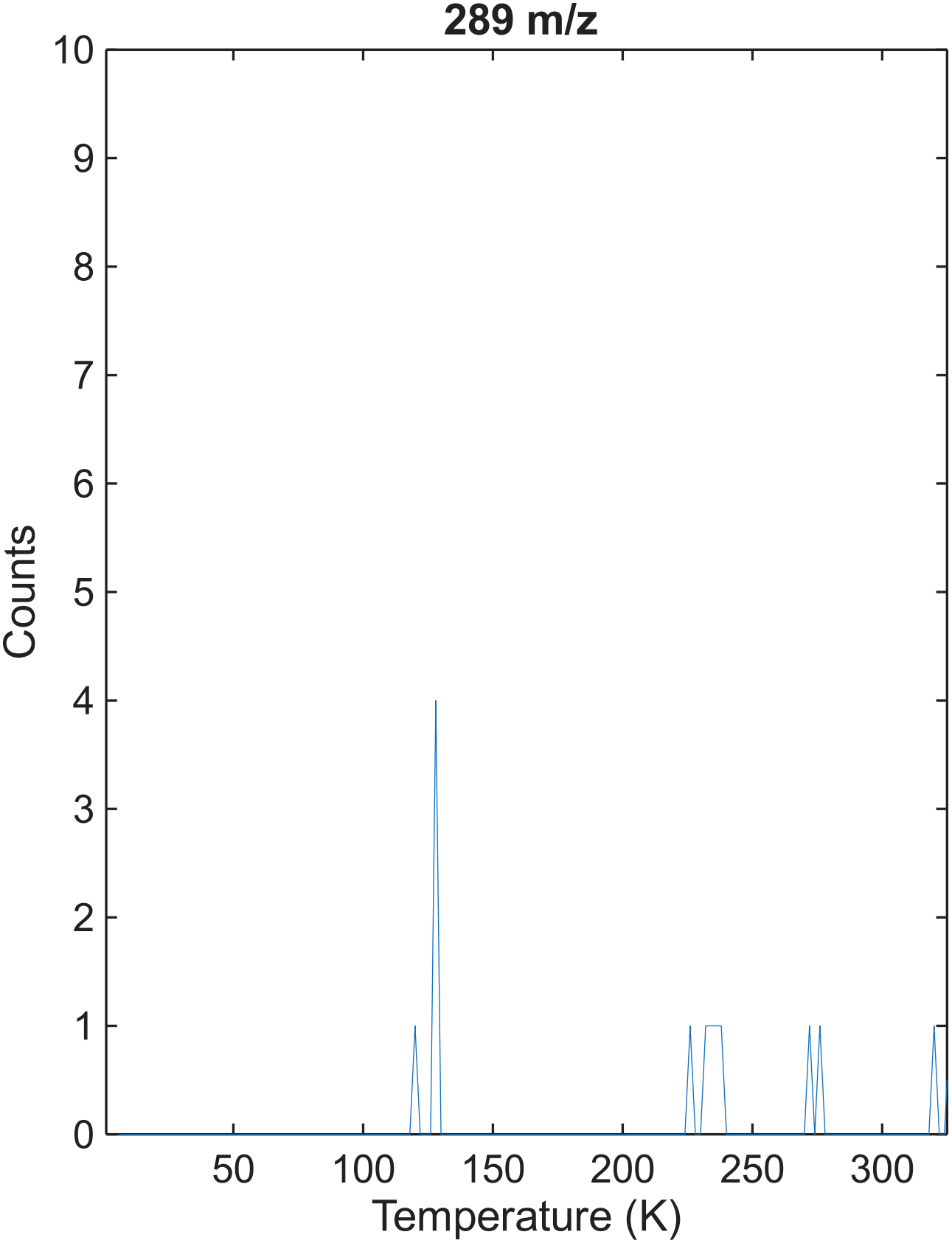
289 m/z
Counts
Temperature (K)
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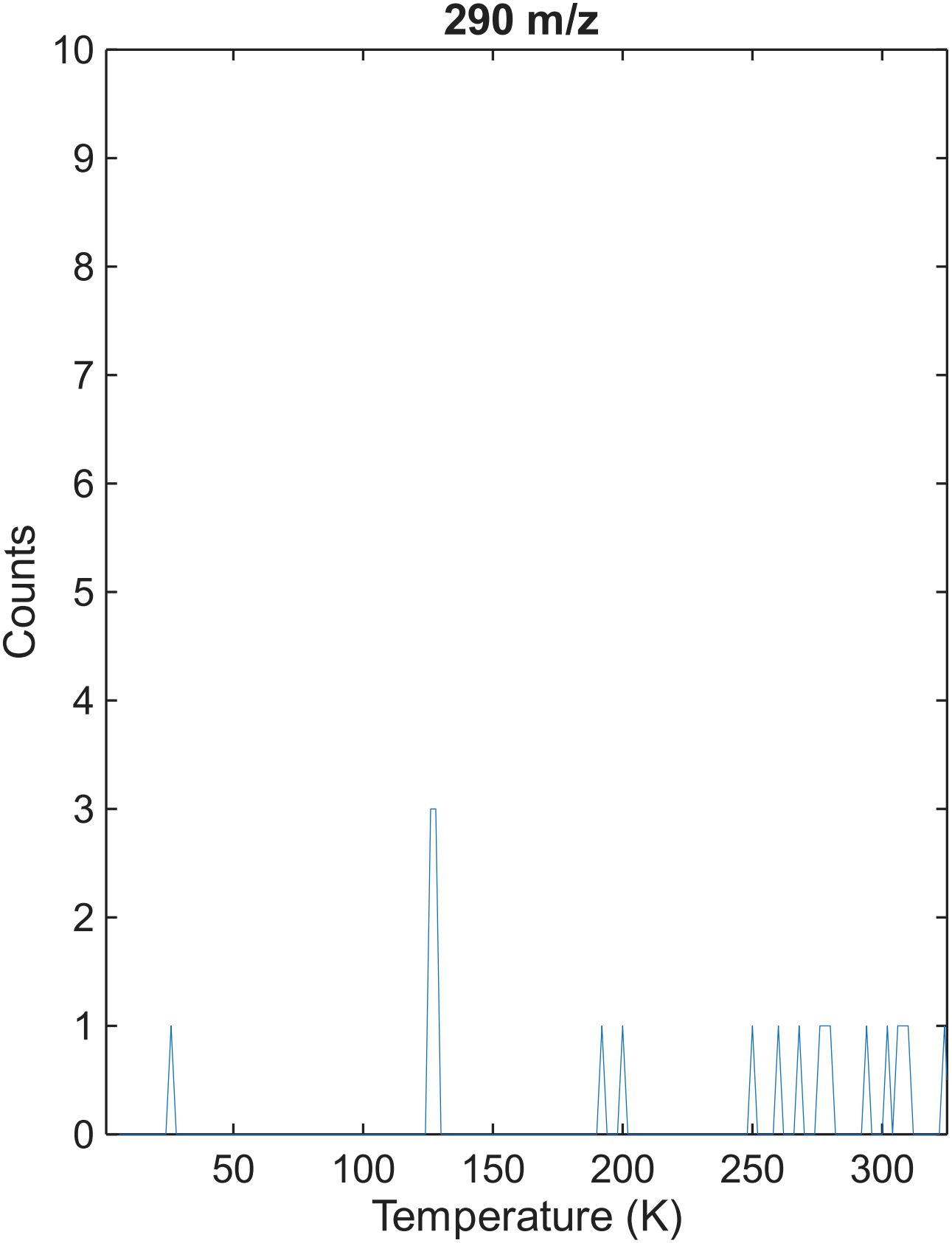
290 m/z
Counts
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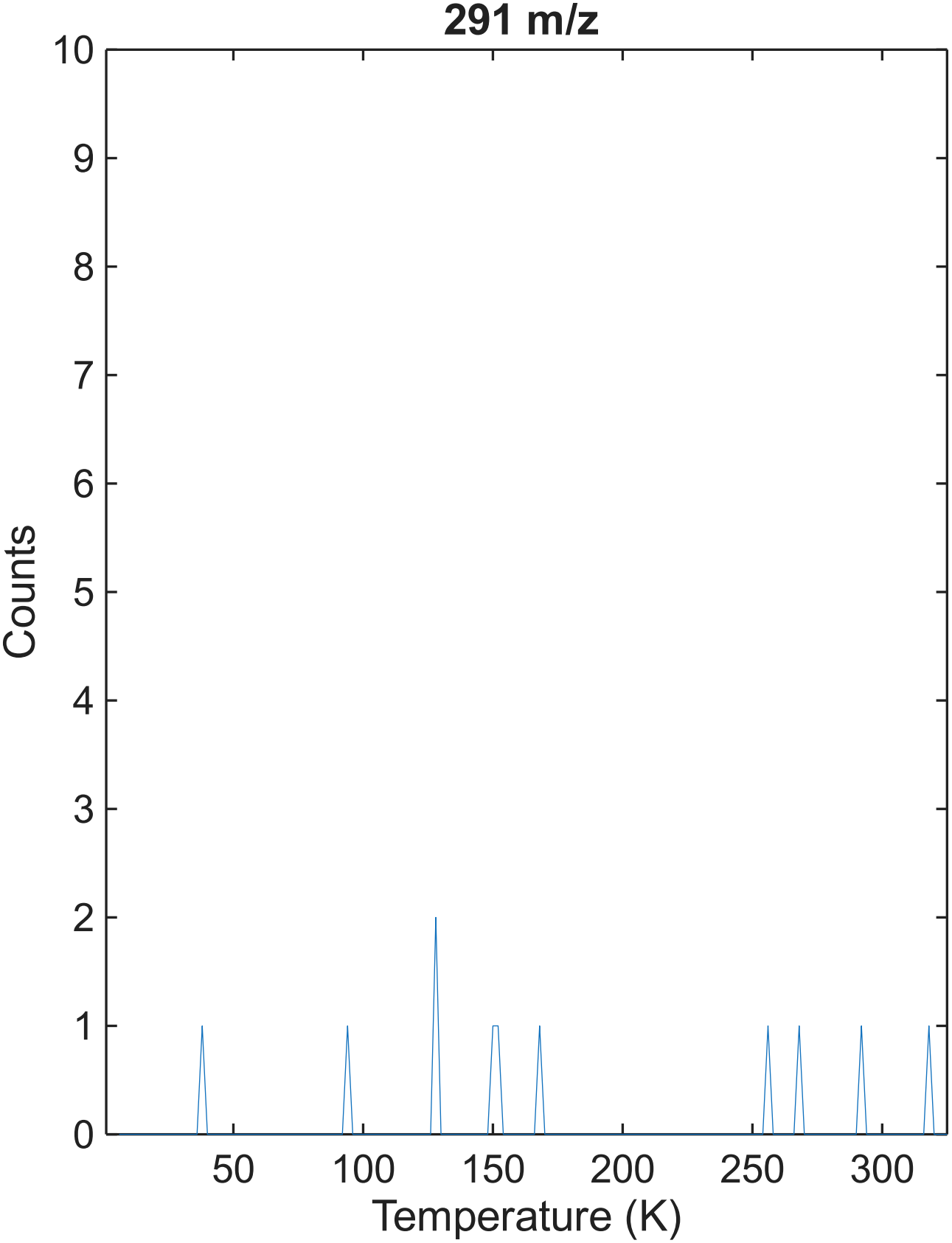
291 m/z
Counts
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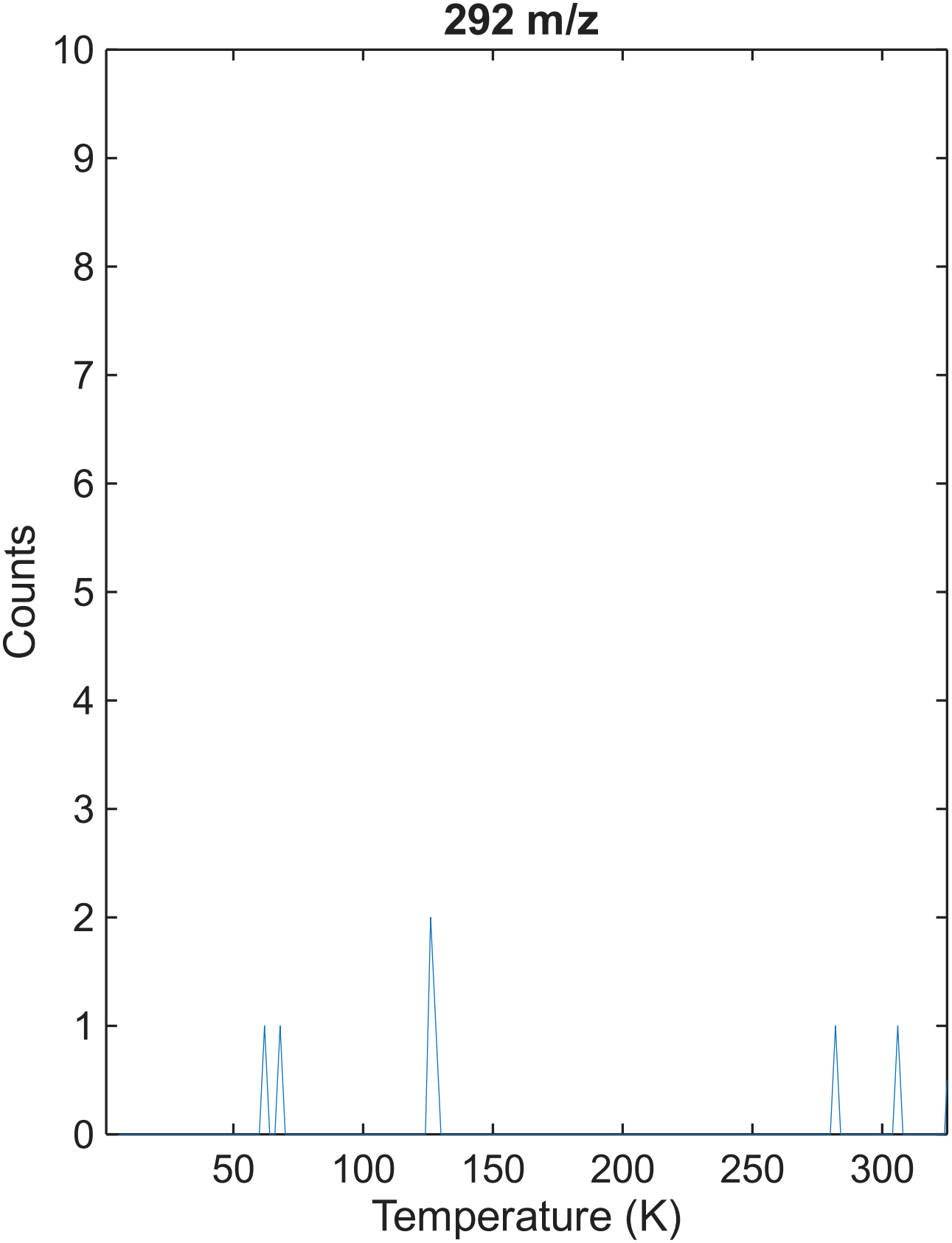
292 m/z
Counts
Temperature (K)
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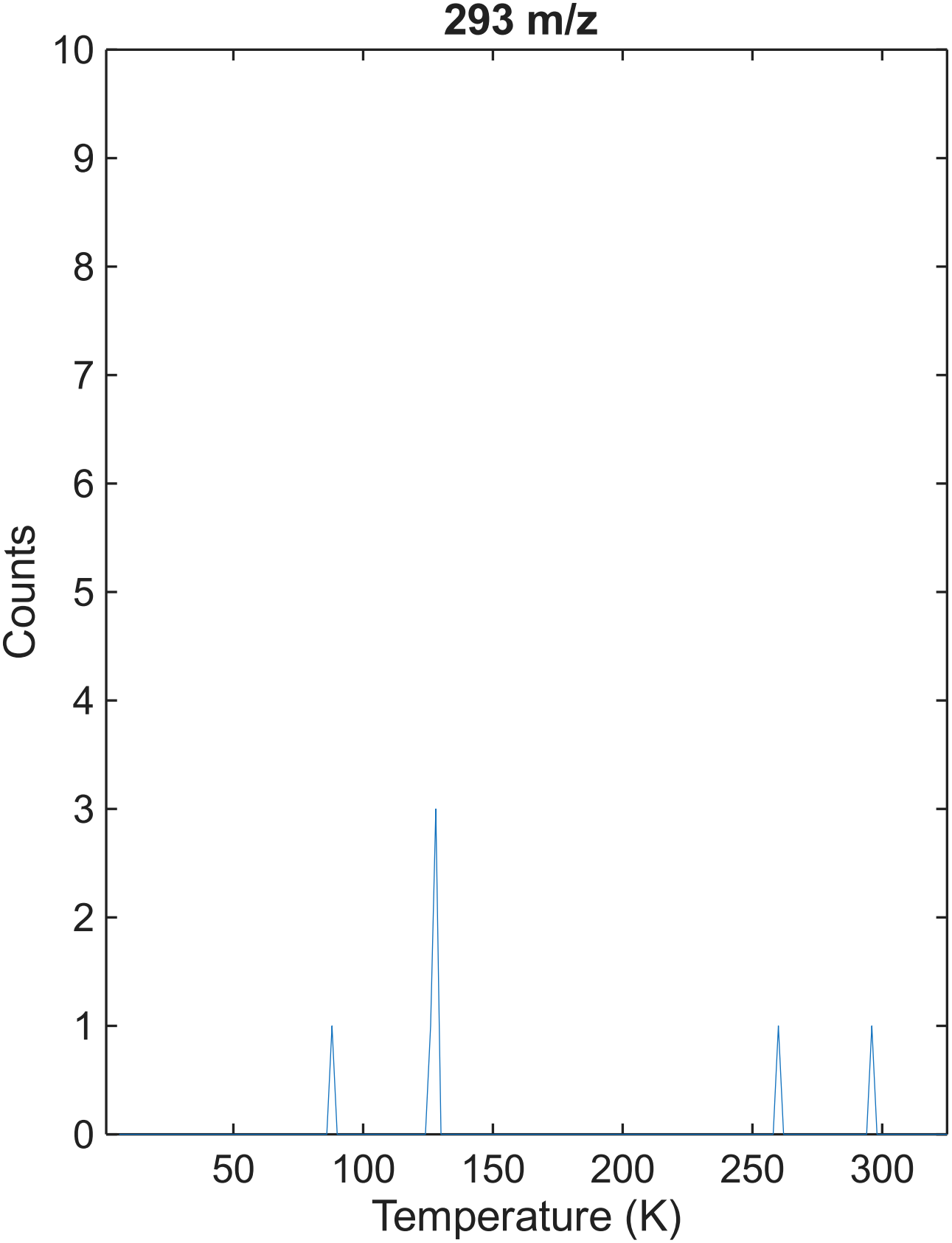
293 m/z
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Temperature (K)
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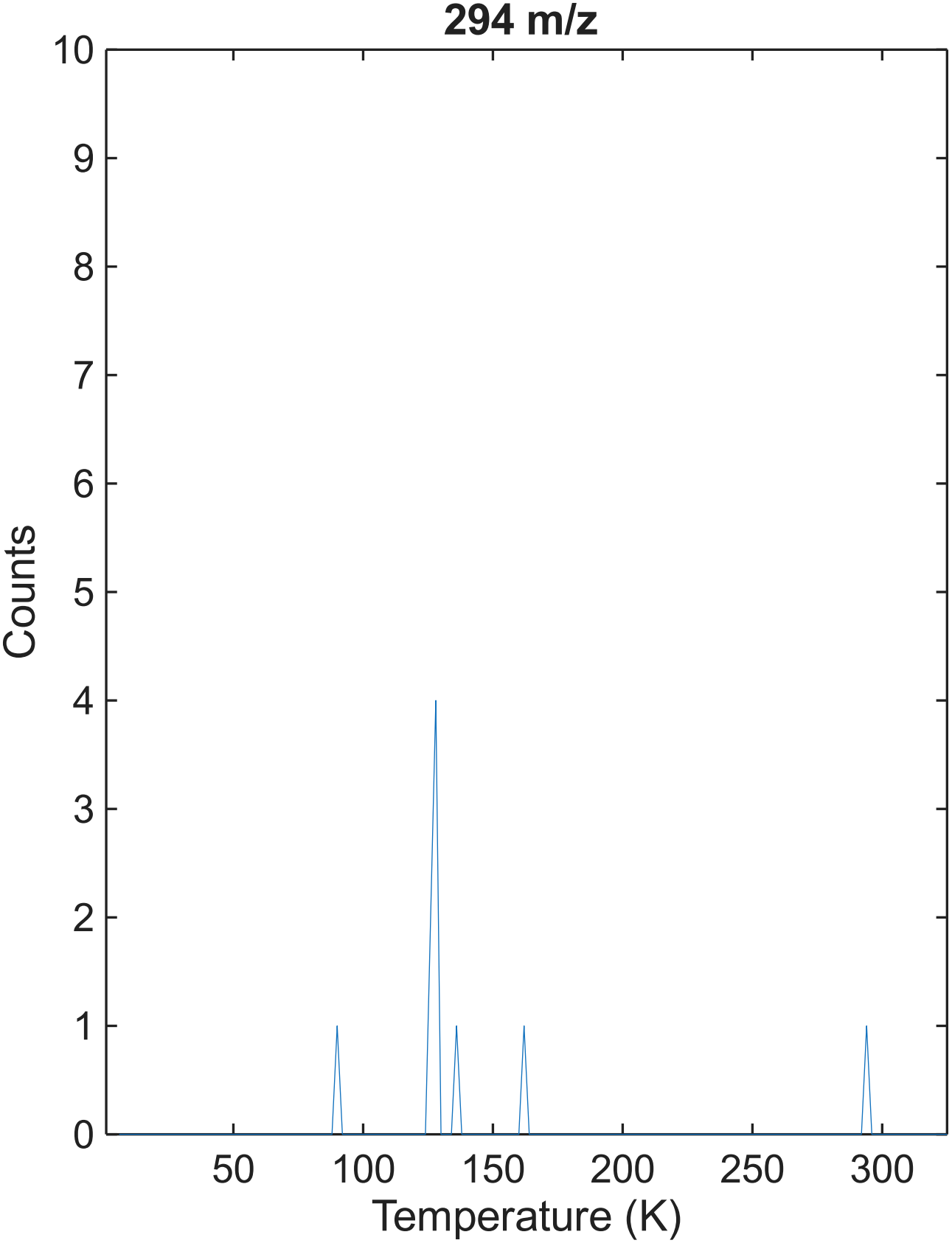
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Temperature (K)
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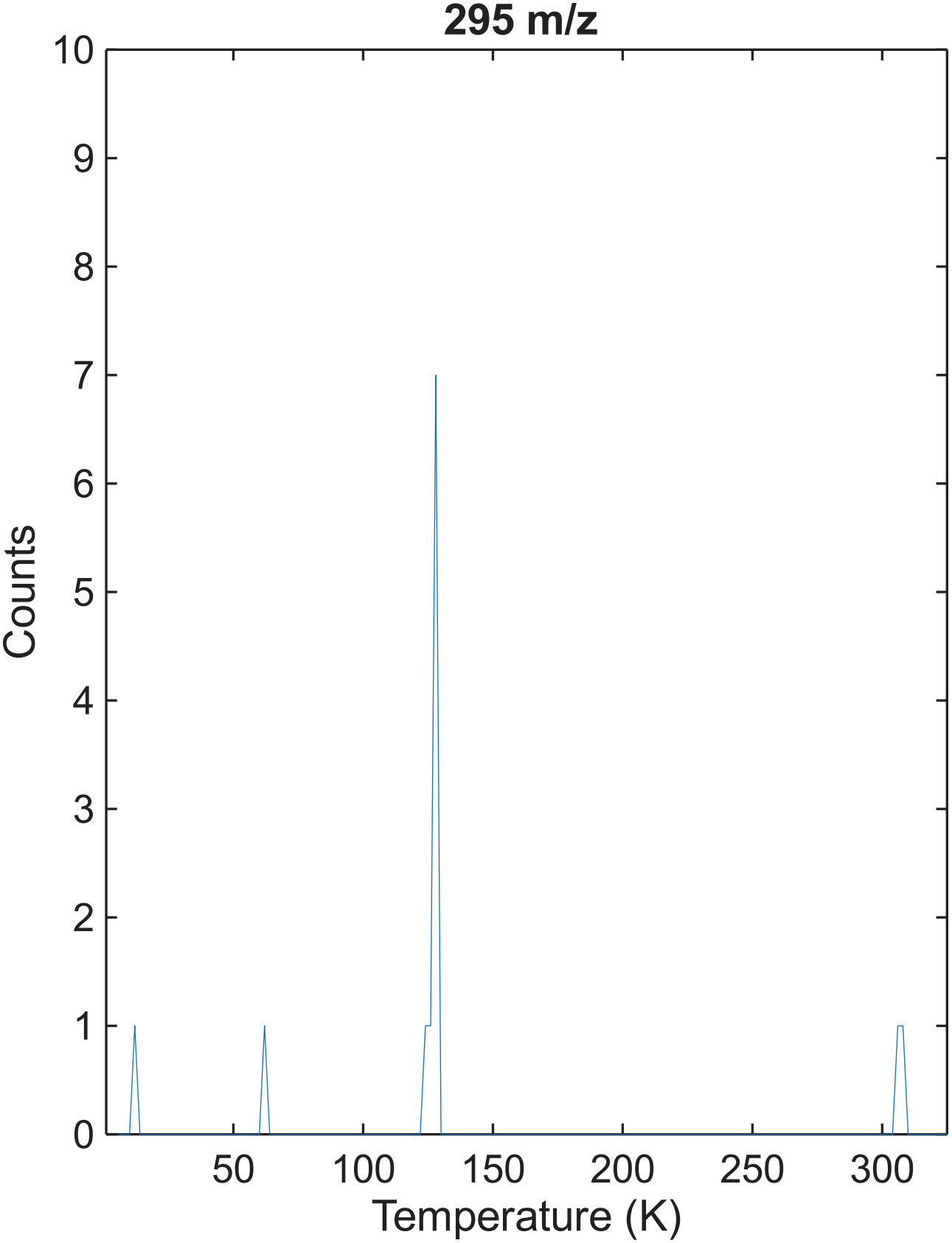
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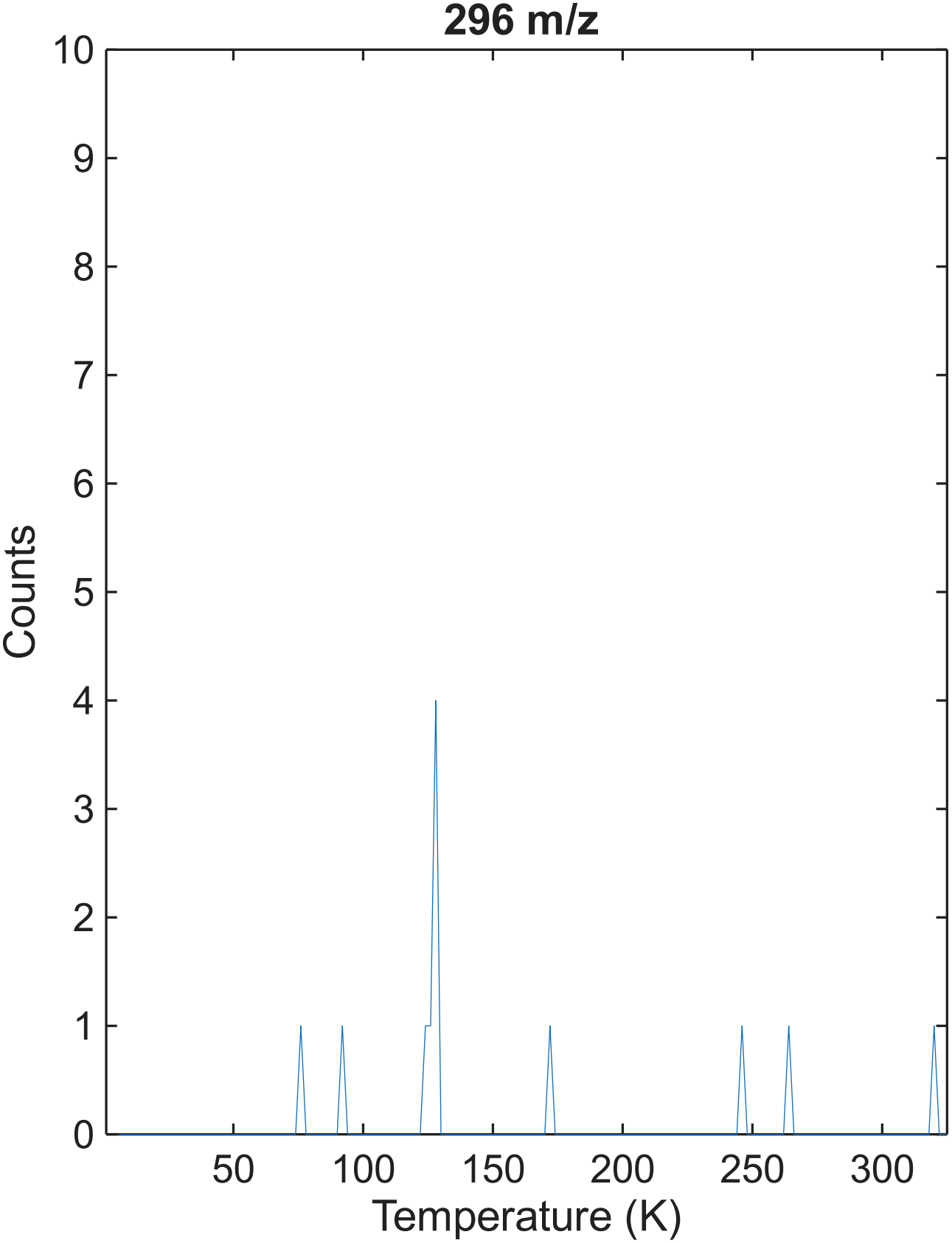
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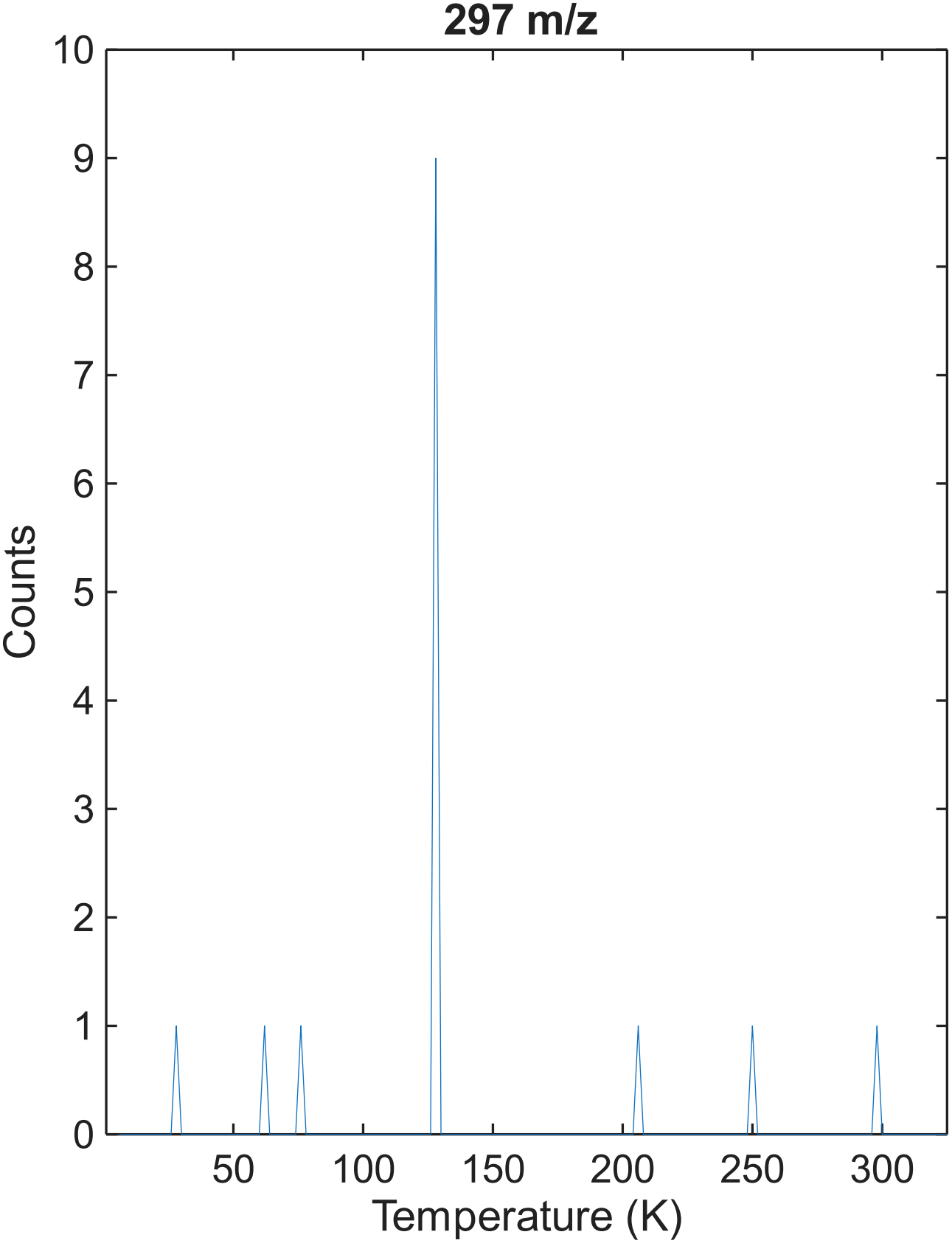
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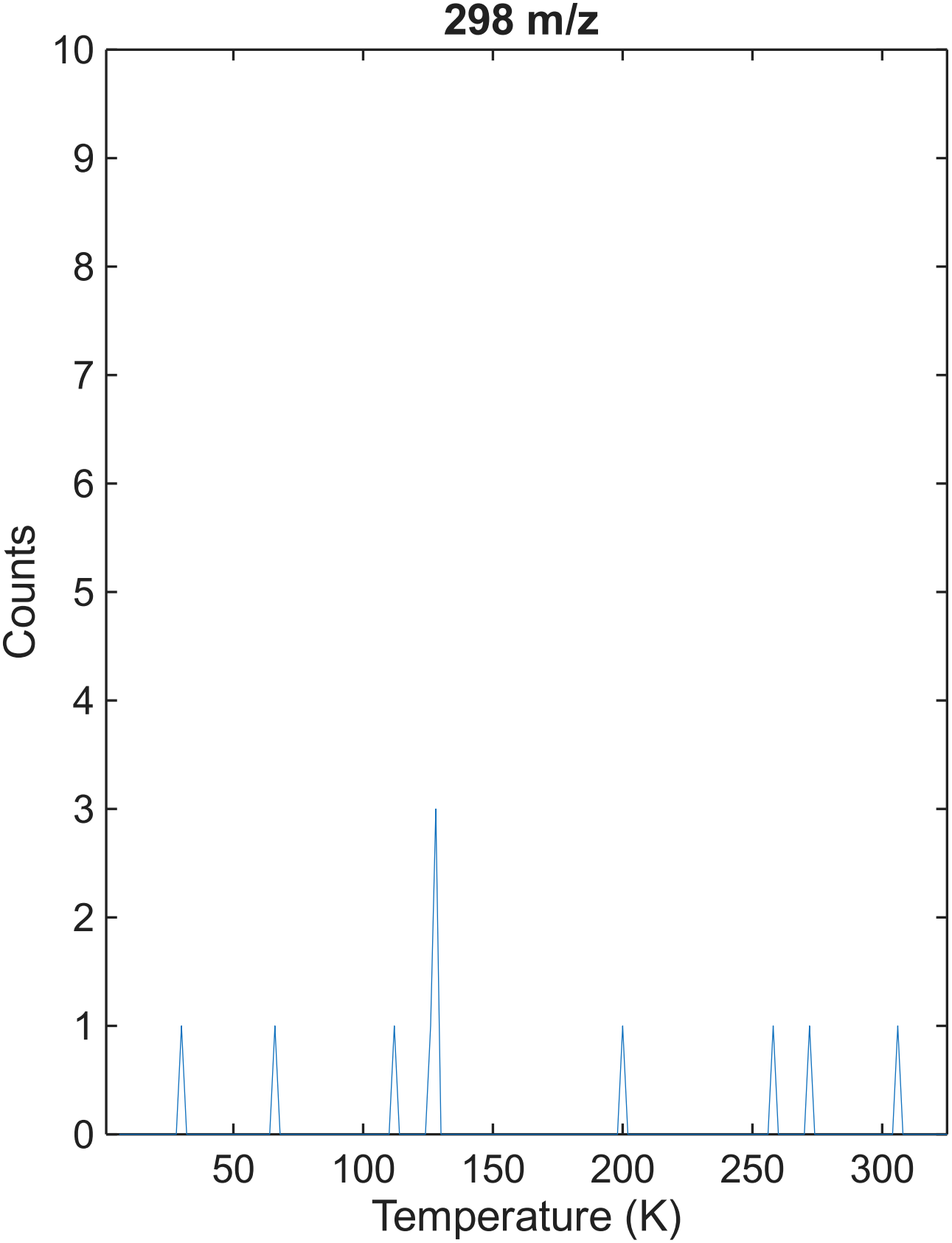
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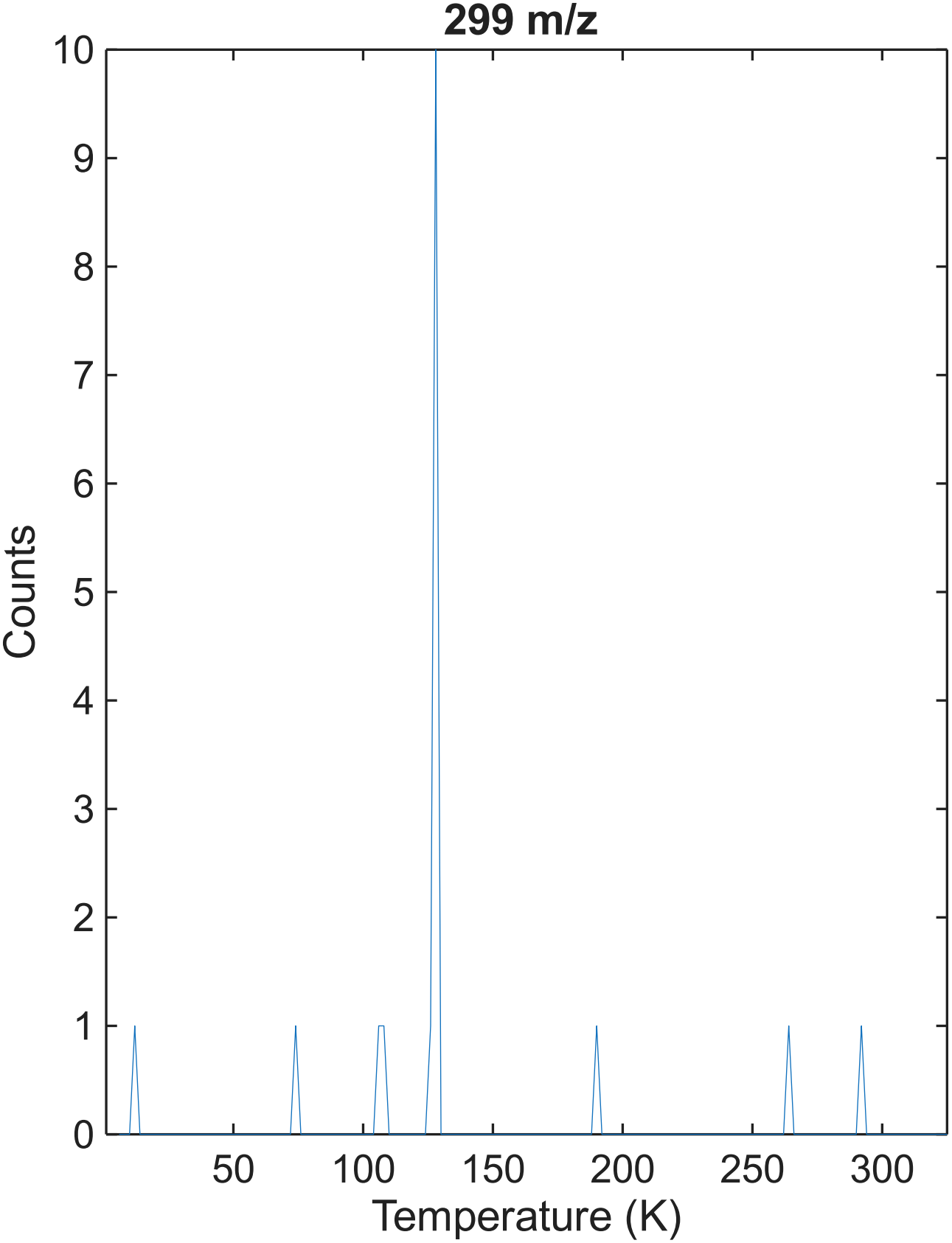
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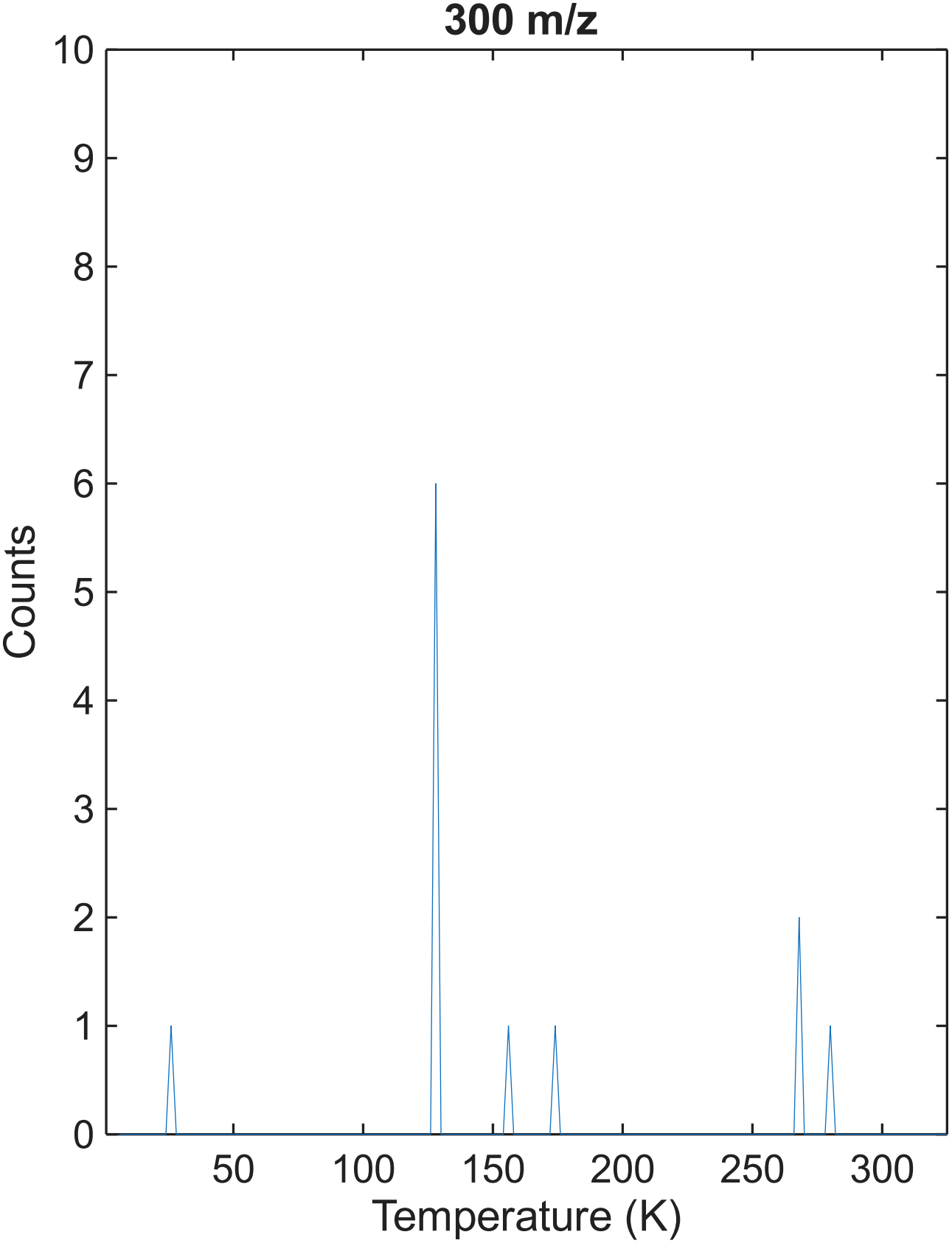
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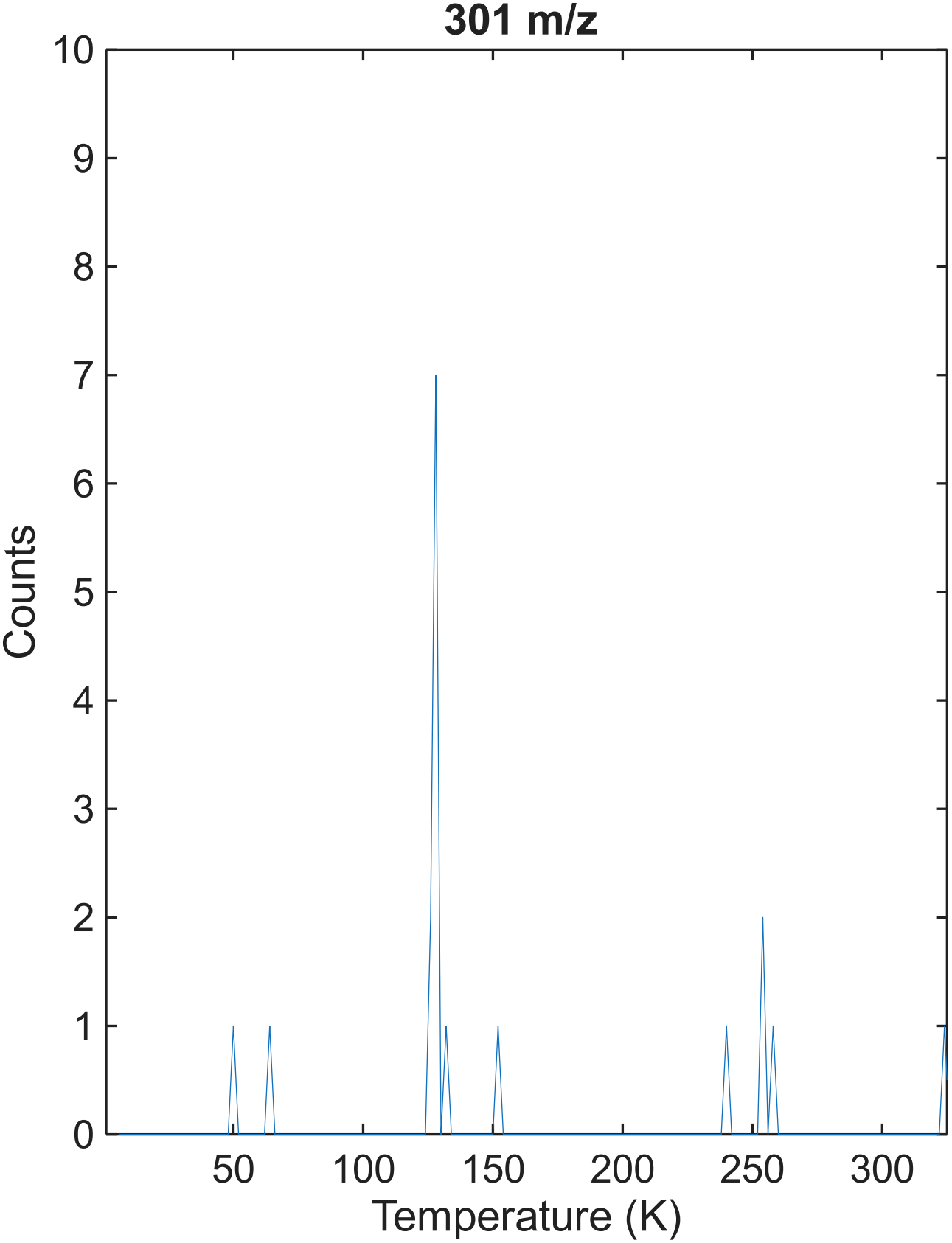
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Temperature (K)
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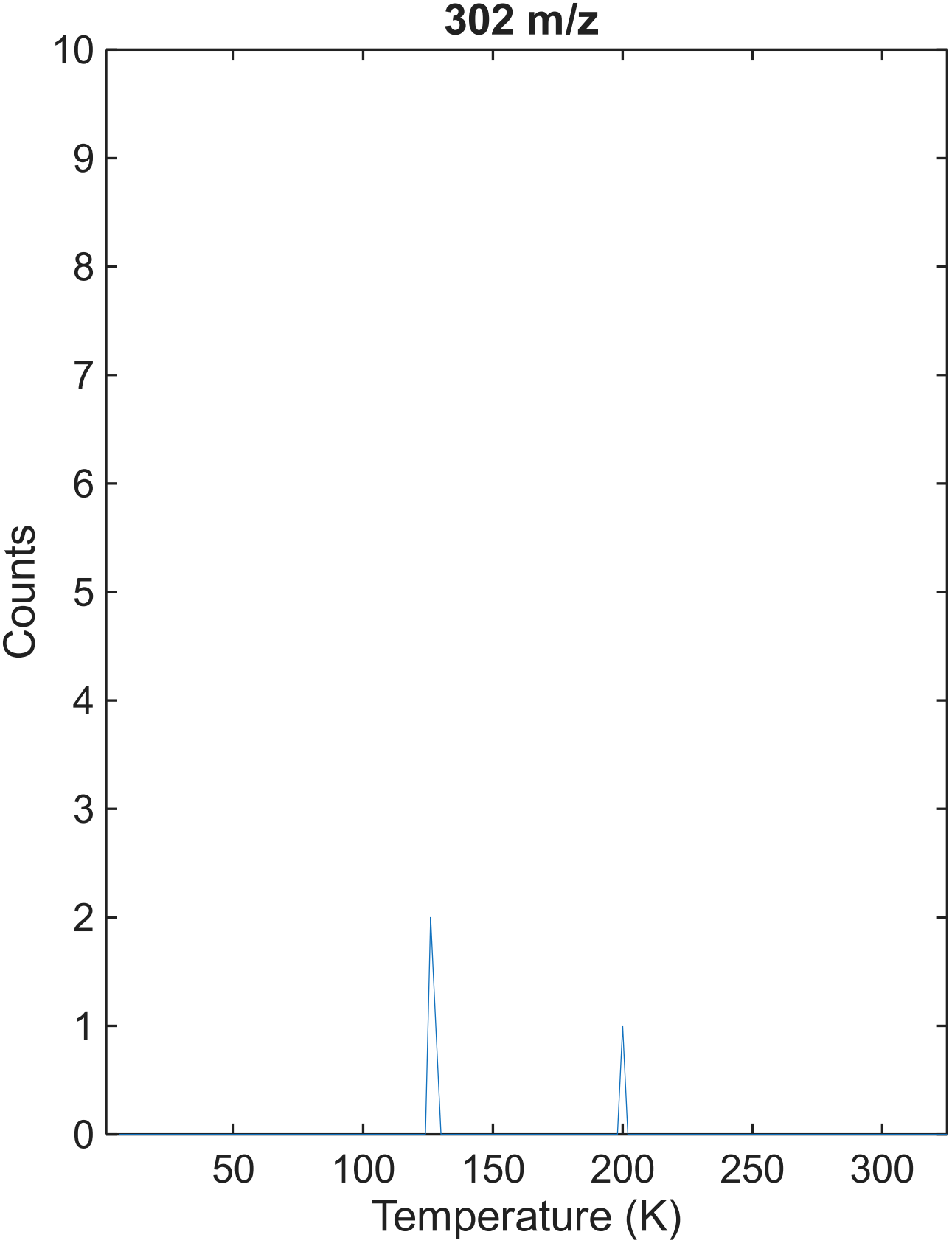
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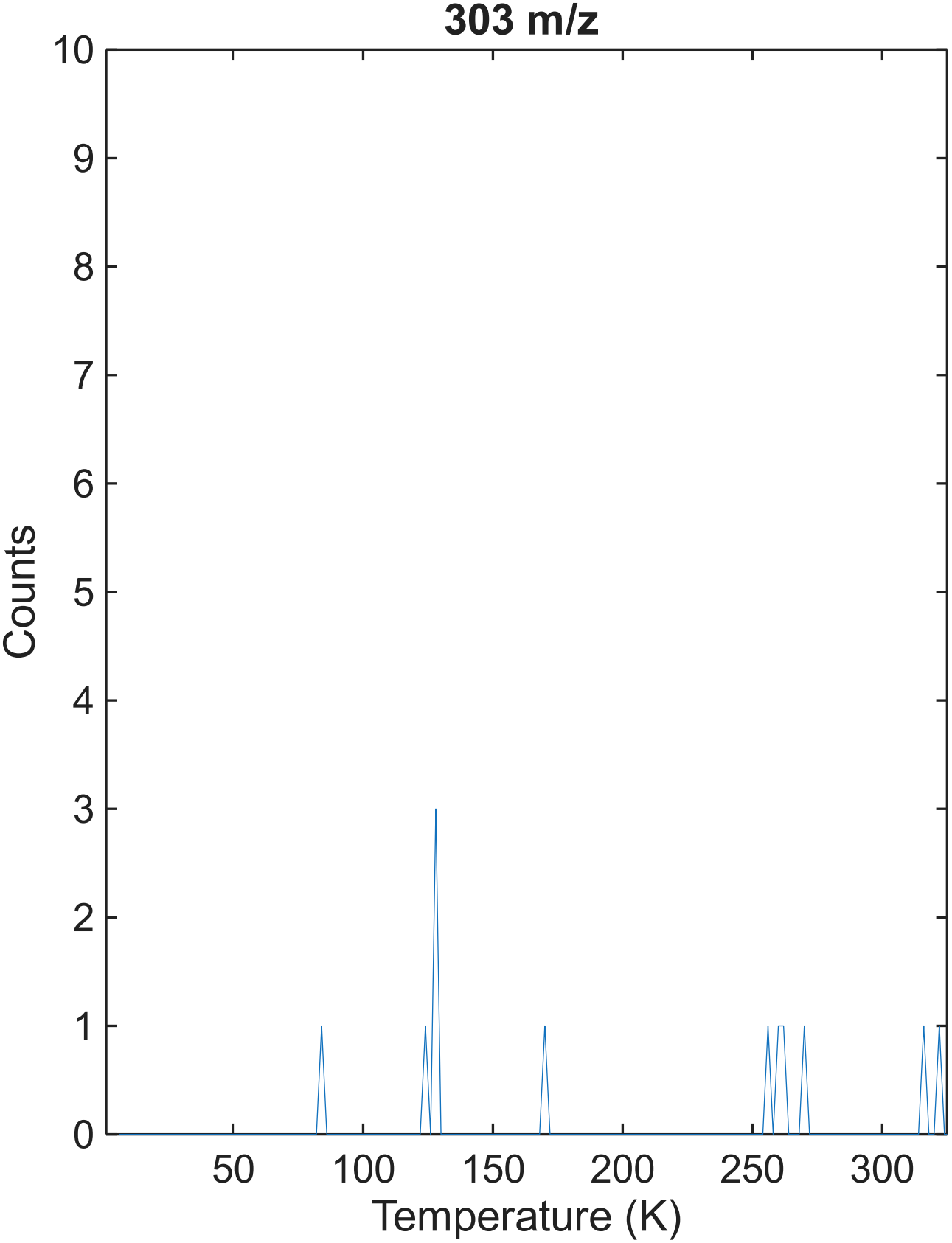
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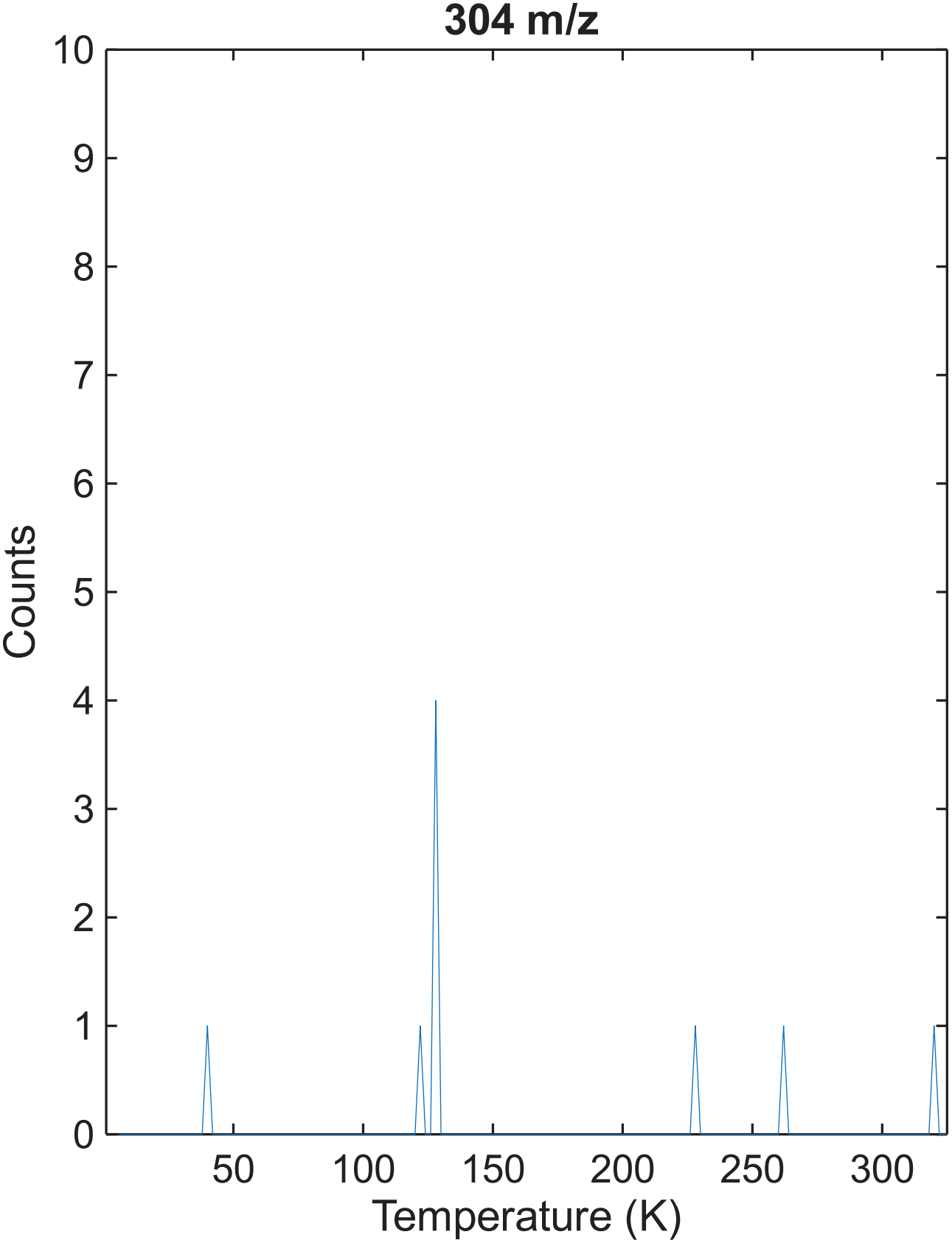
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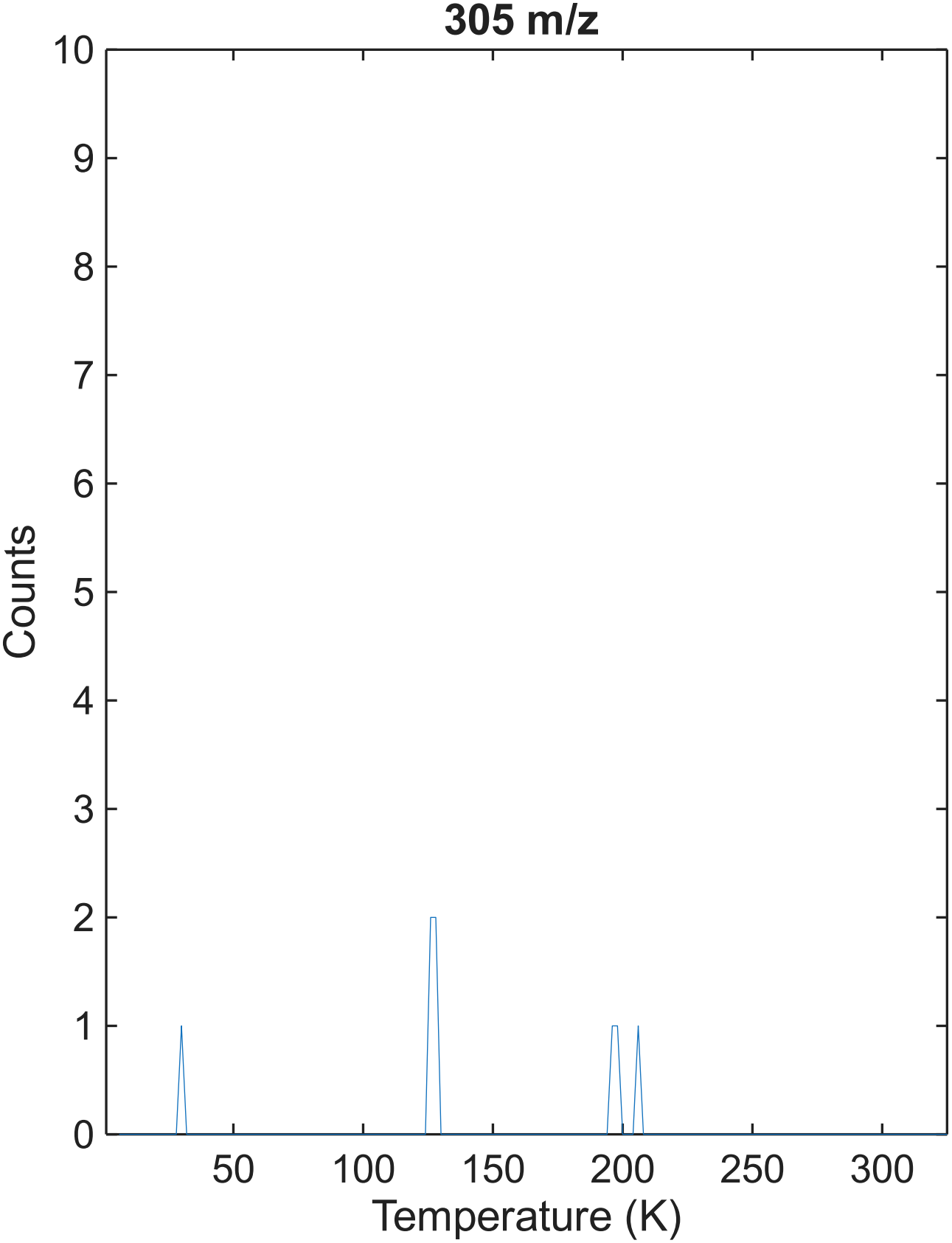
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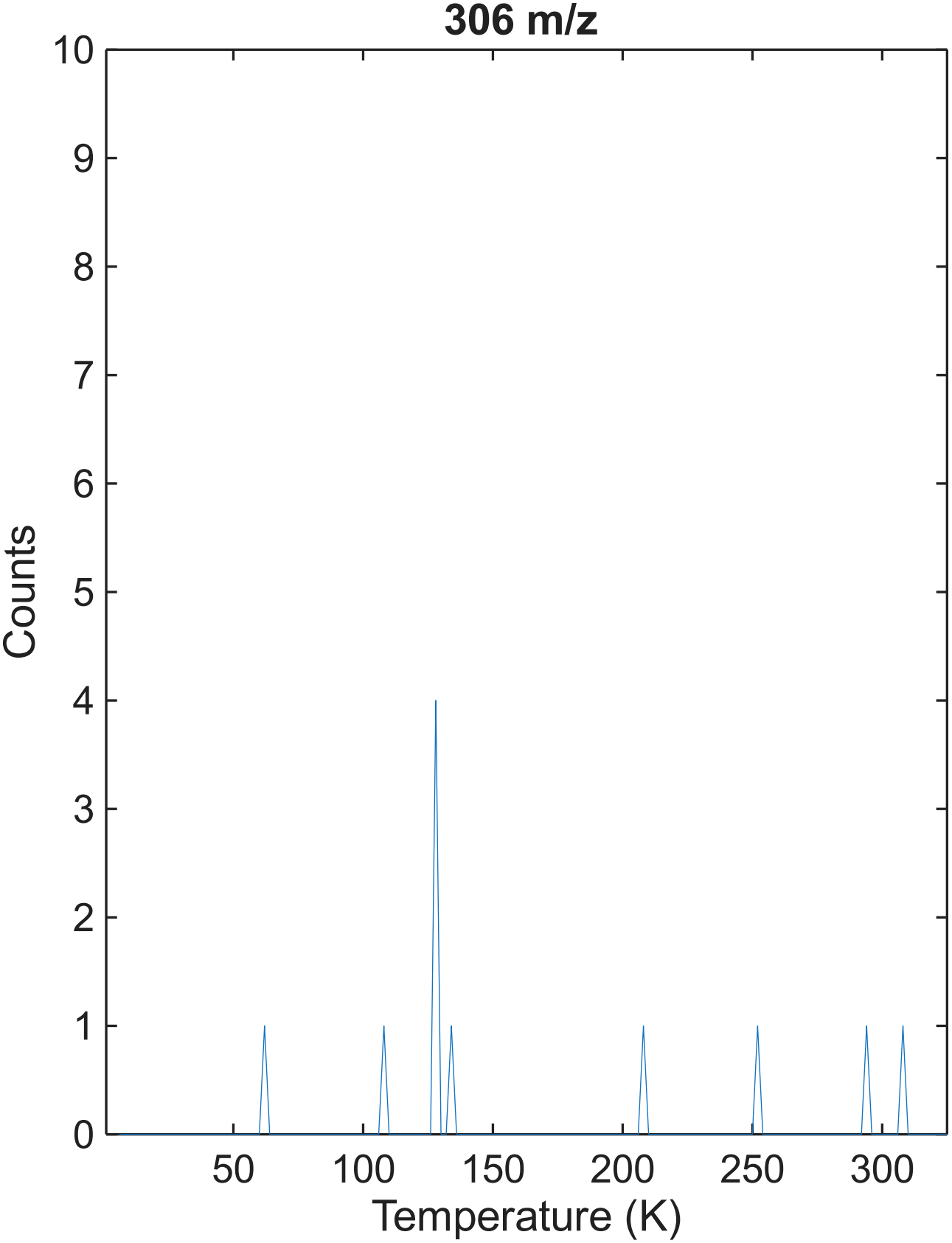
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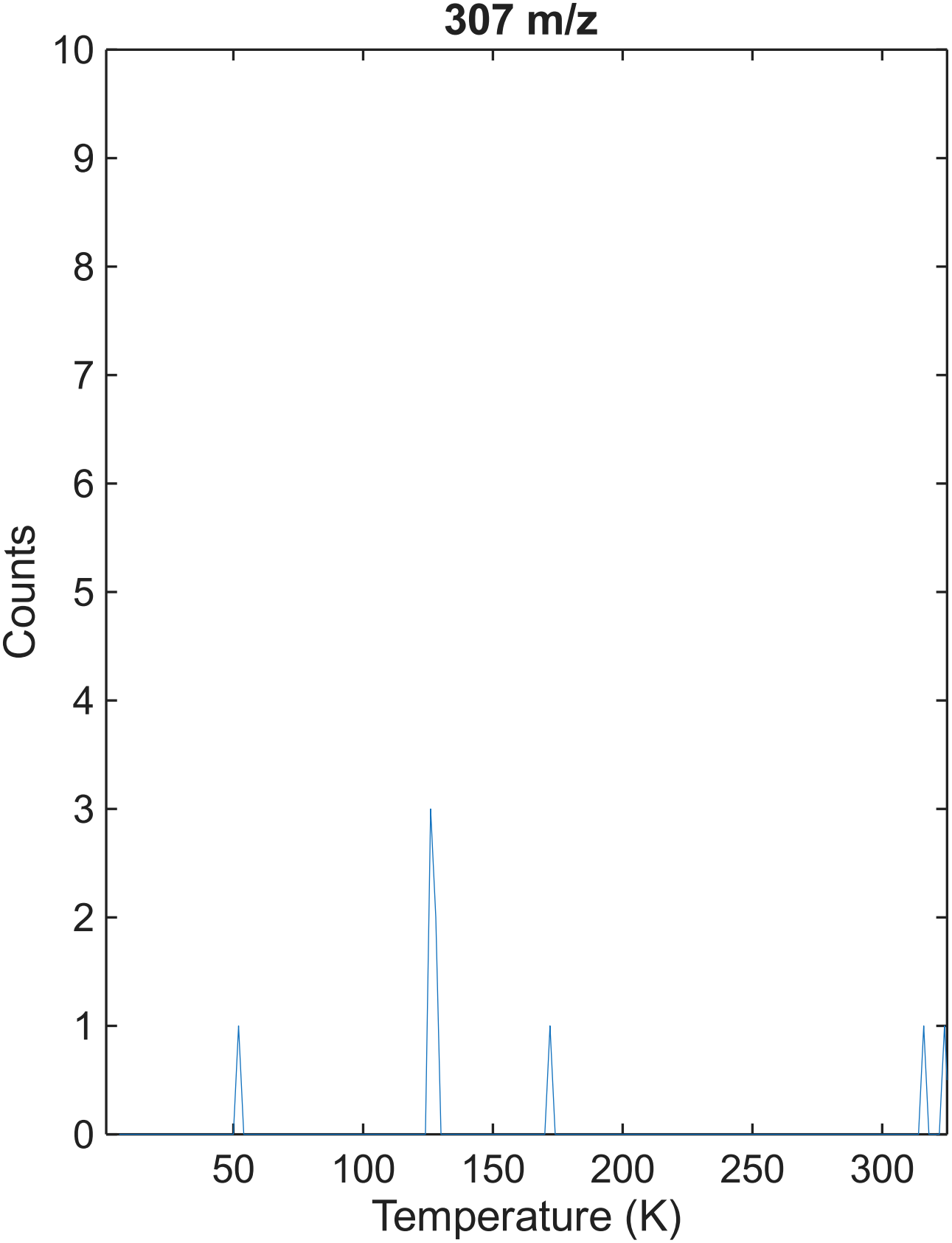
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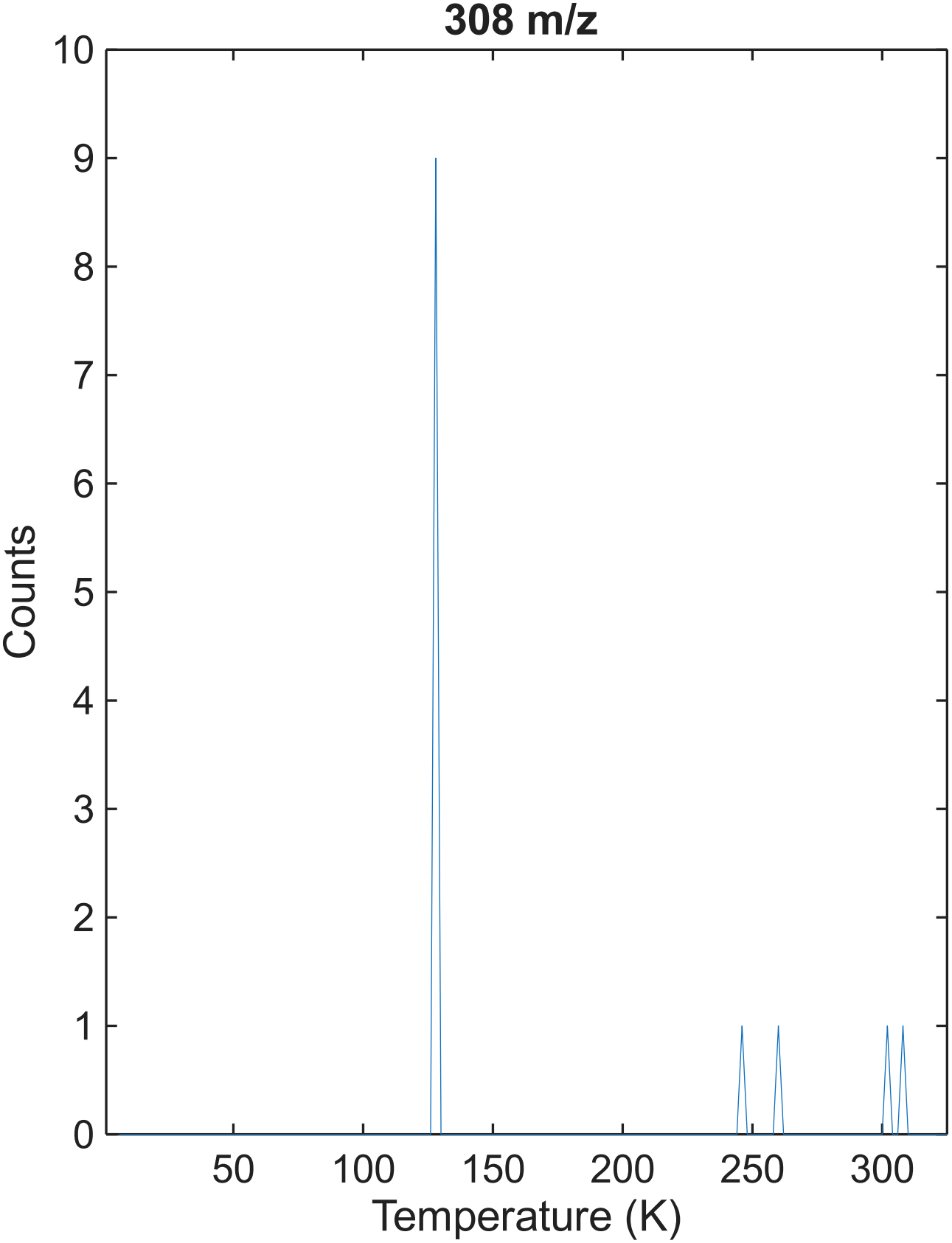
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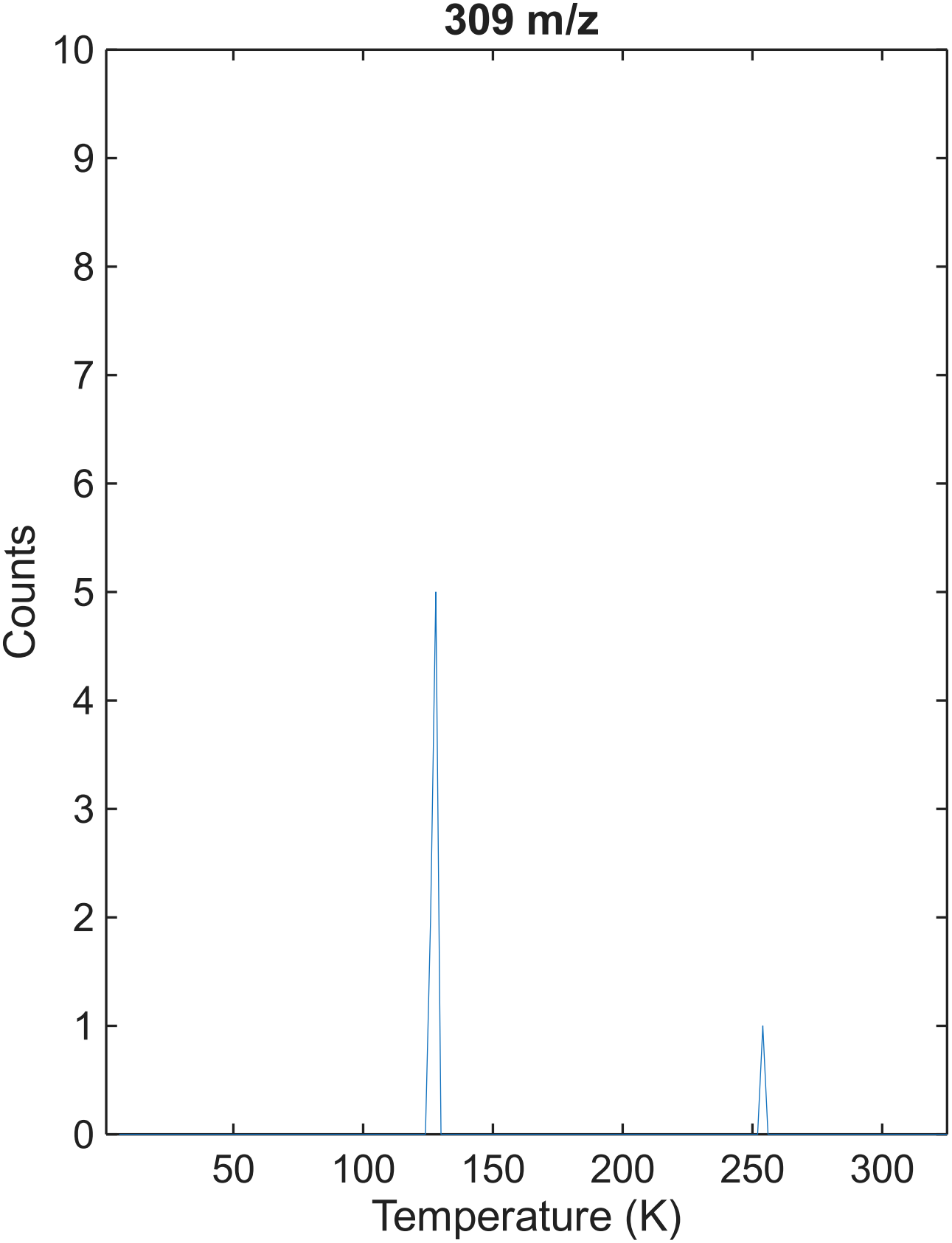
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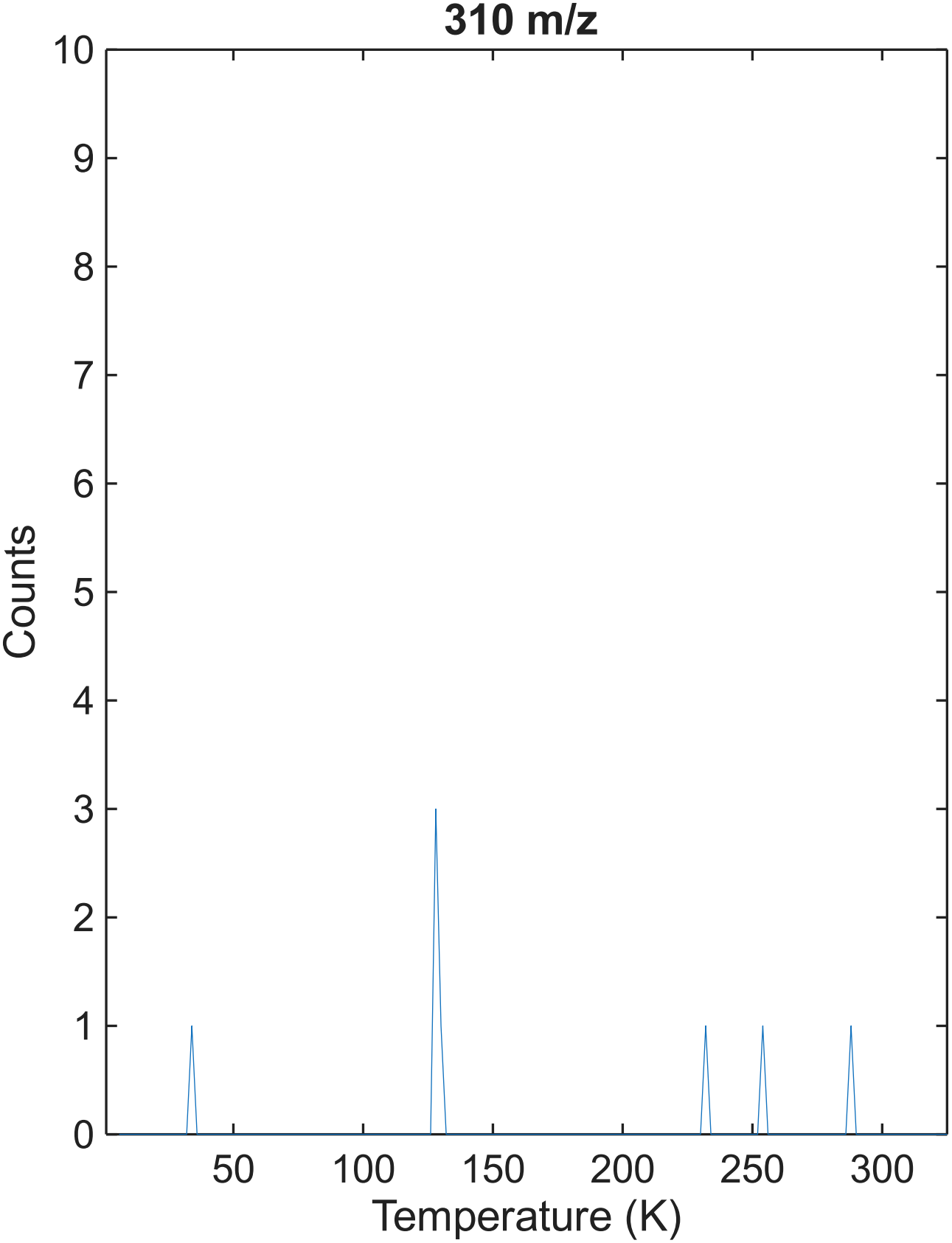
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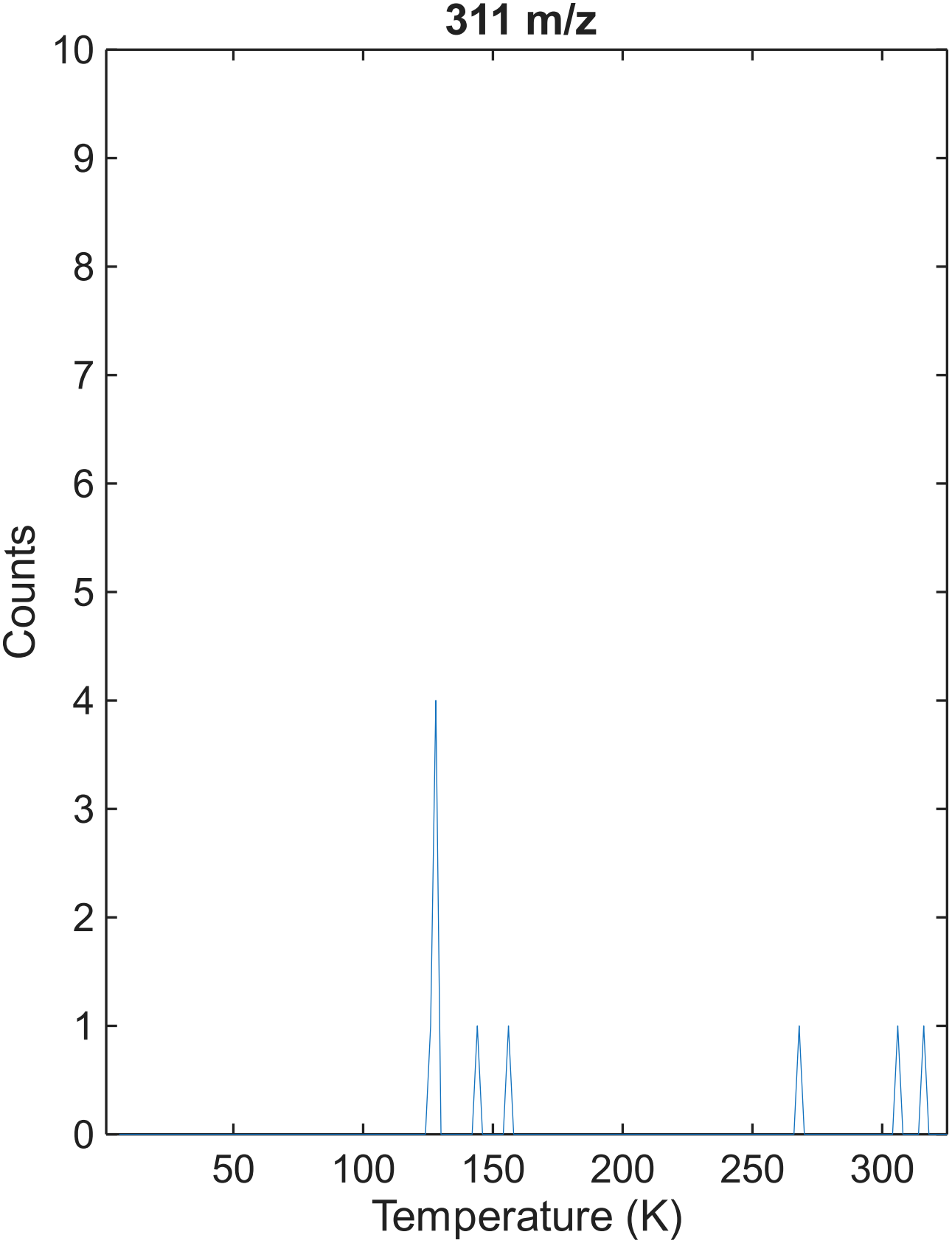
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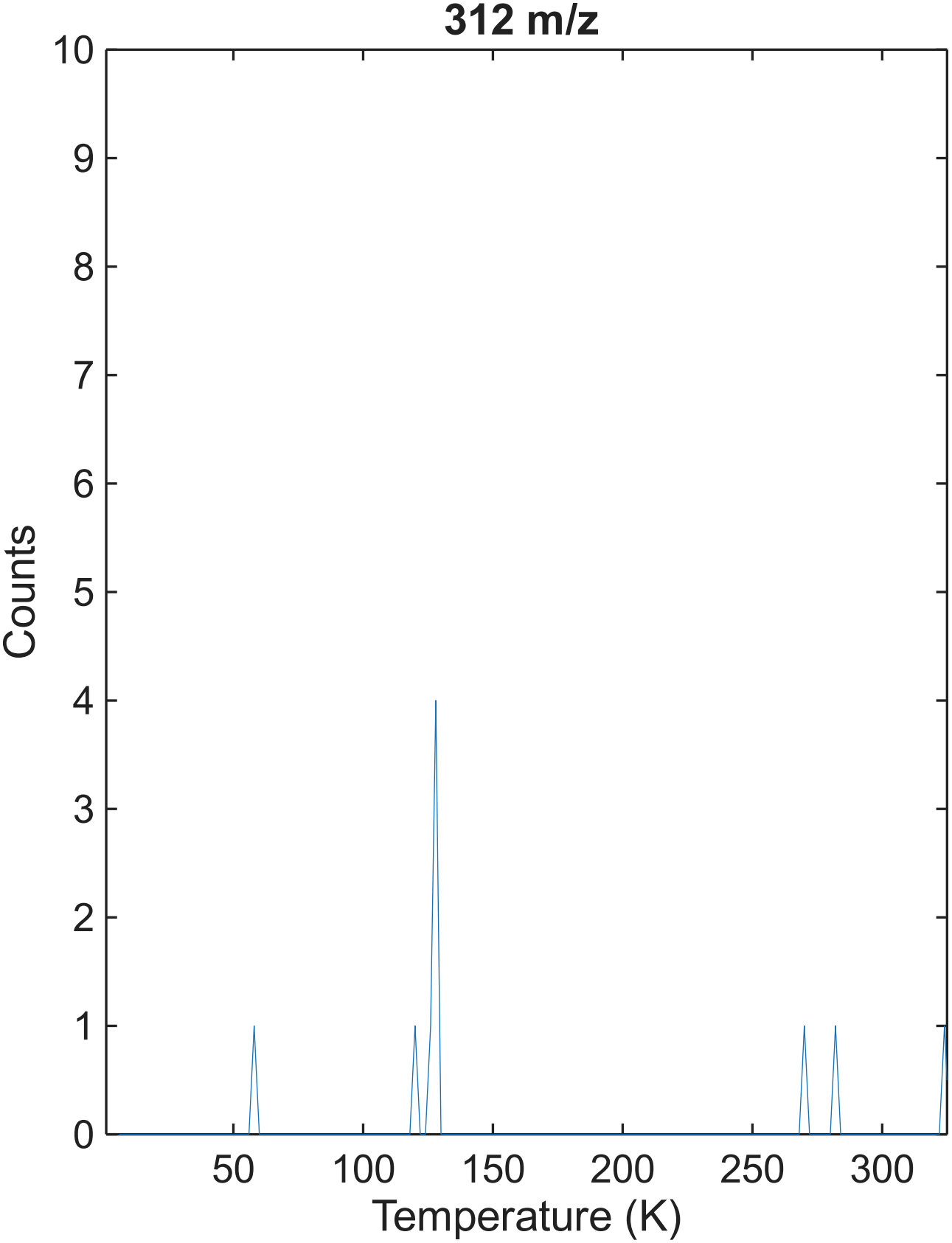
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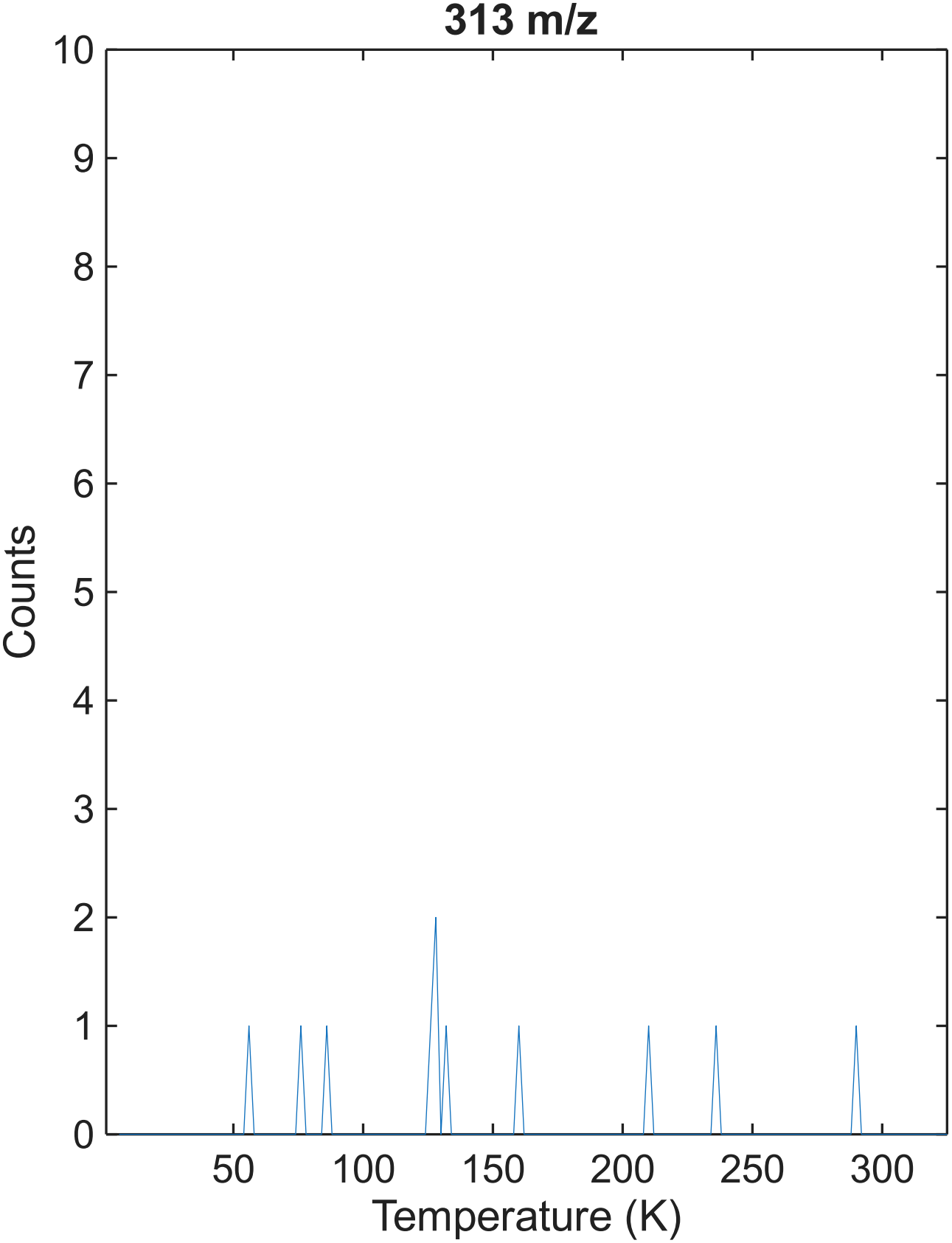
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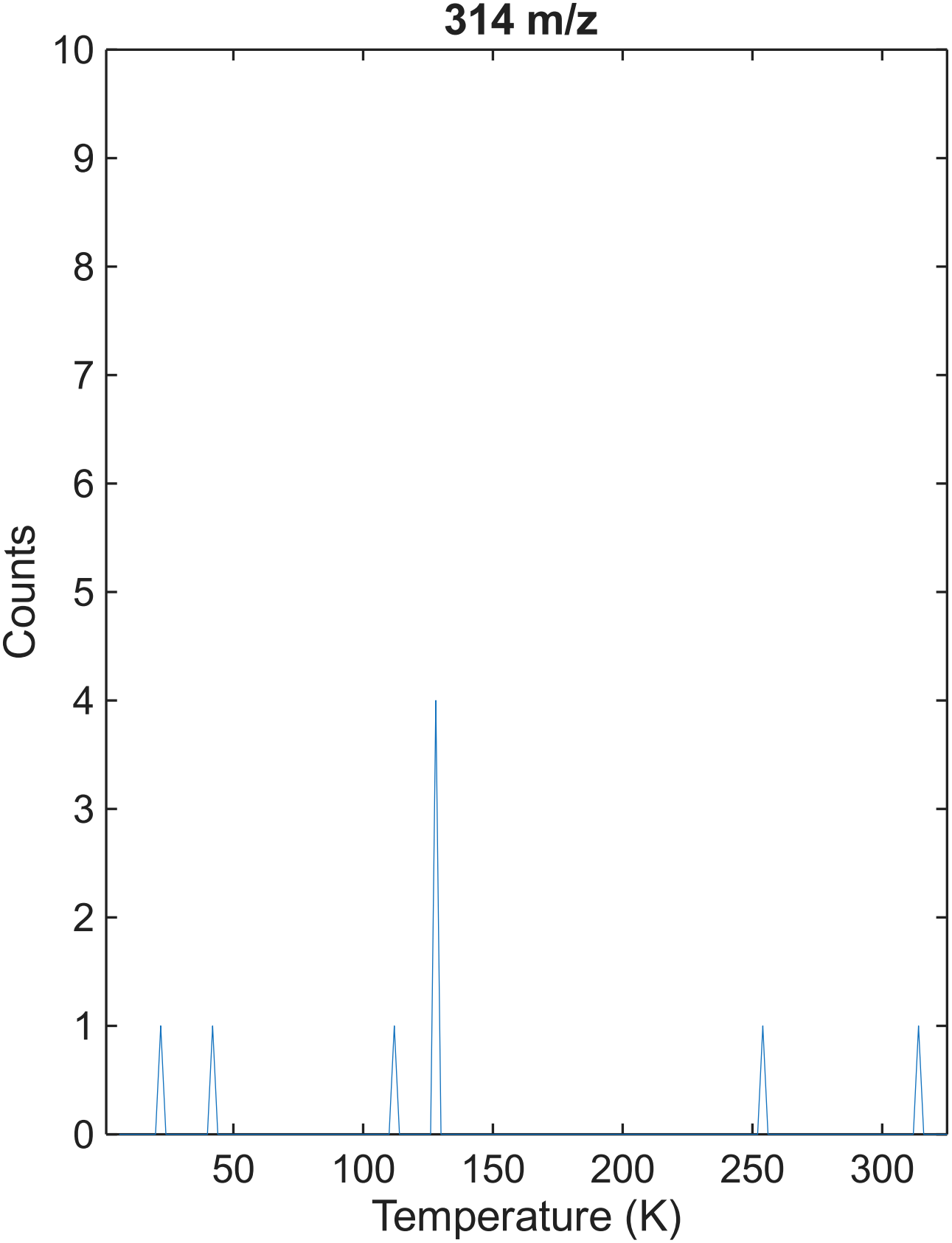
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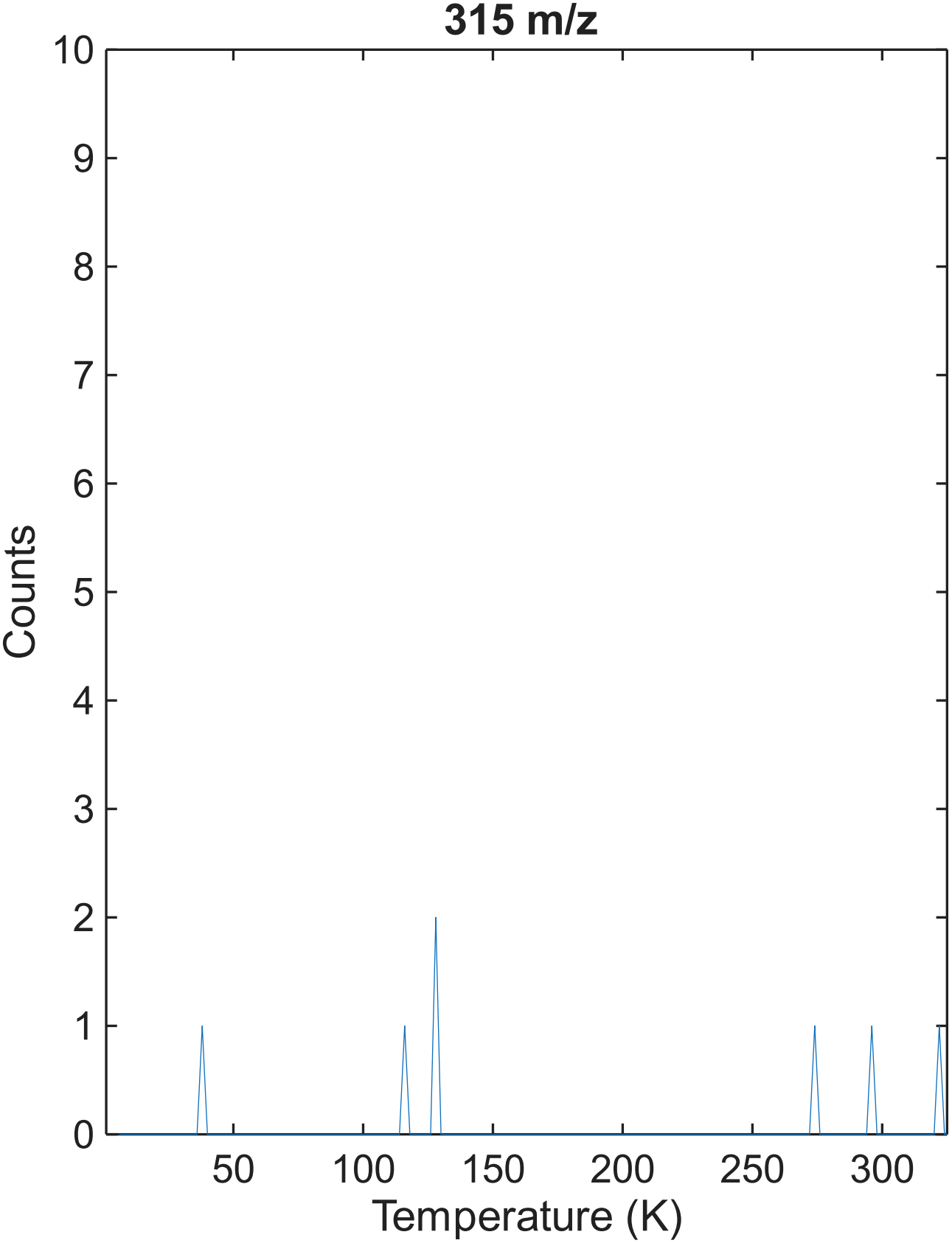
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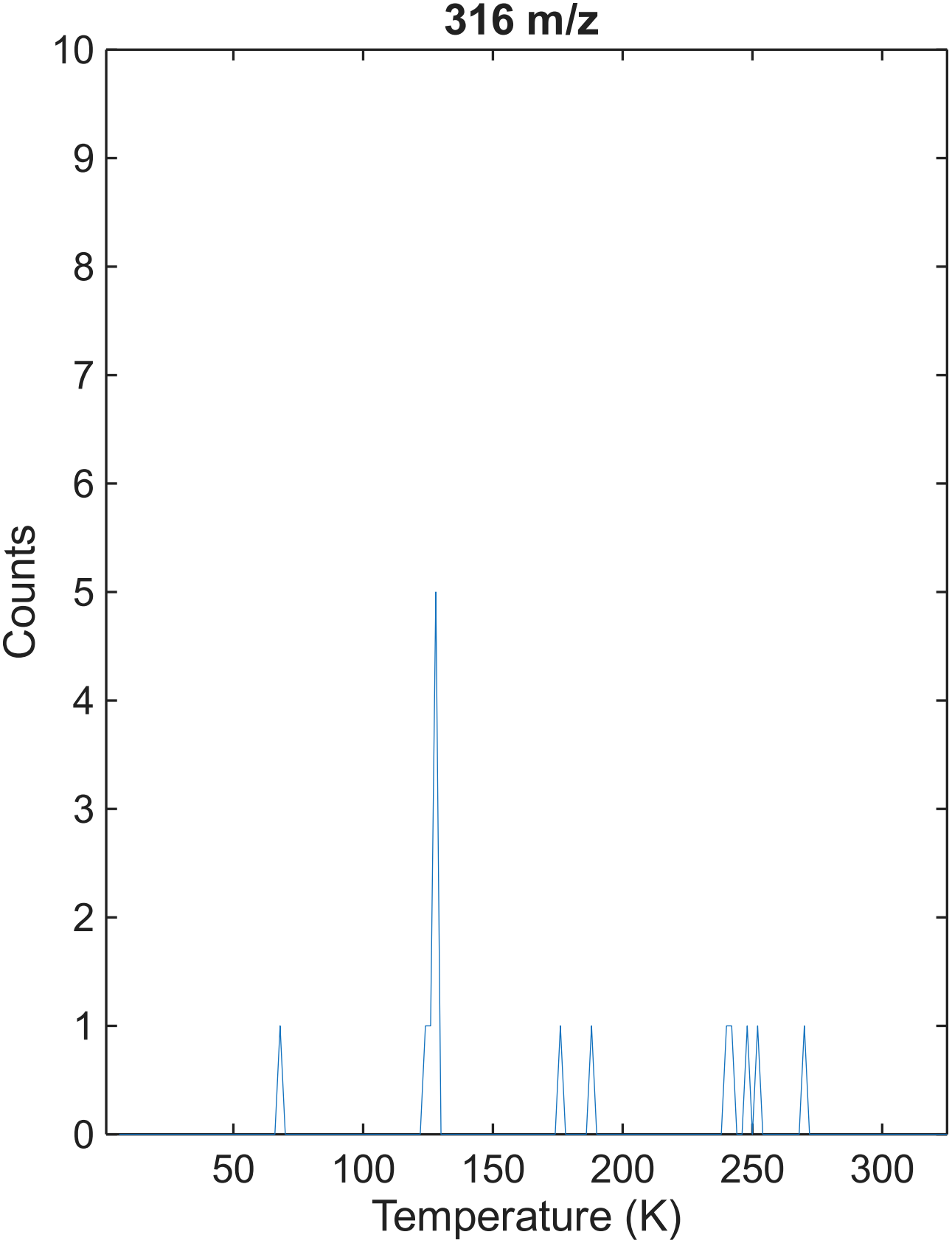
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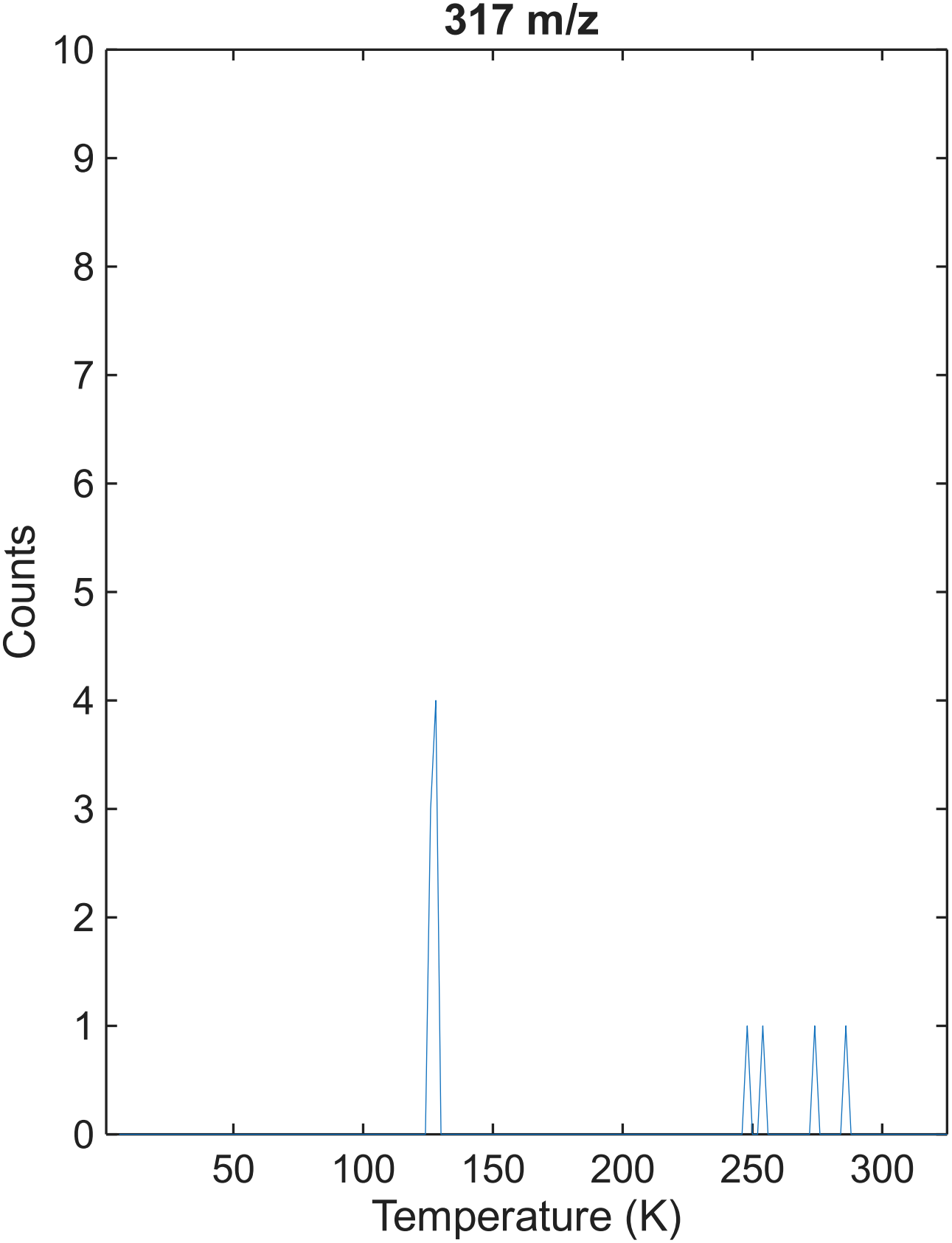
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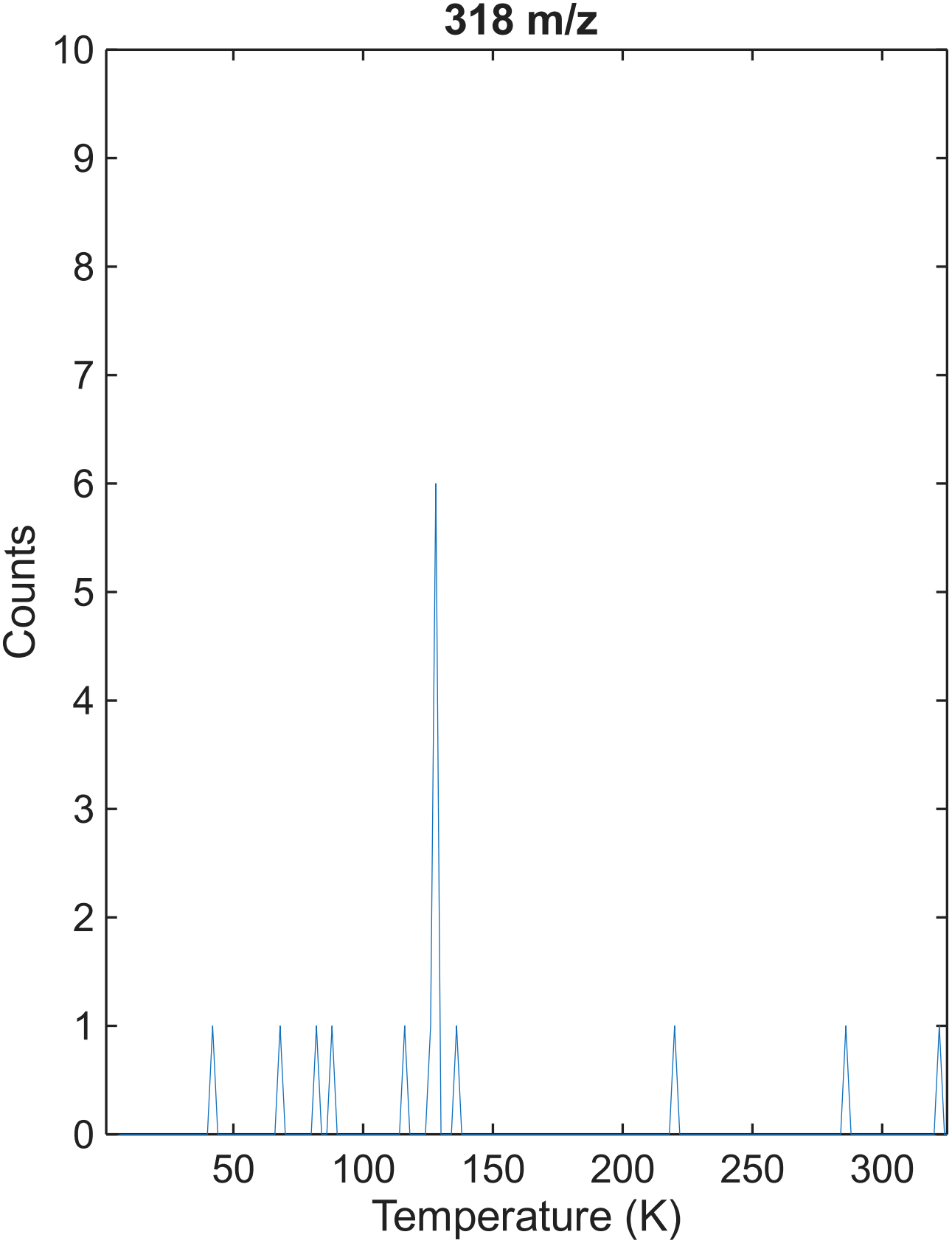
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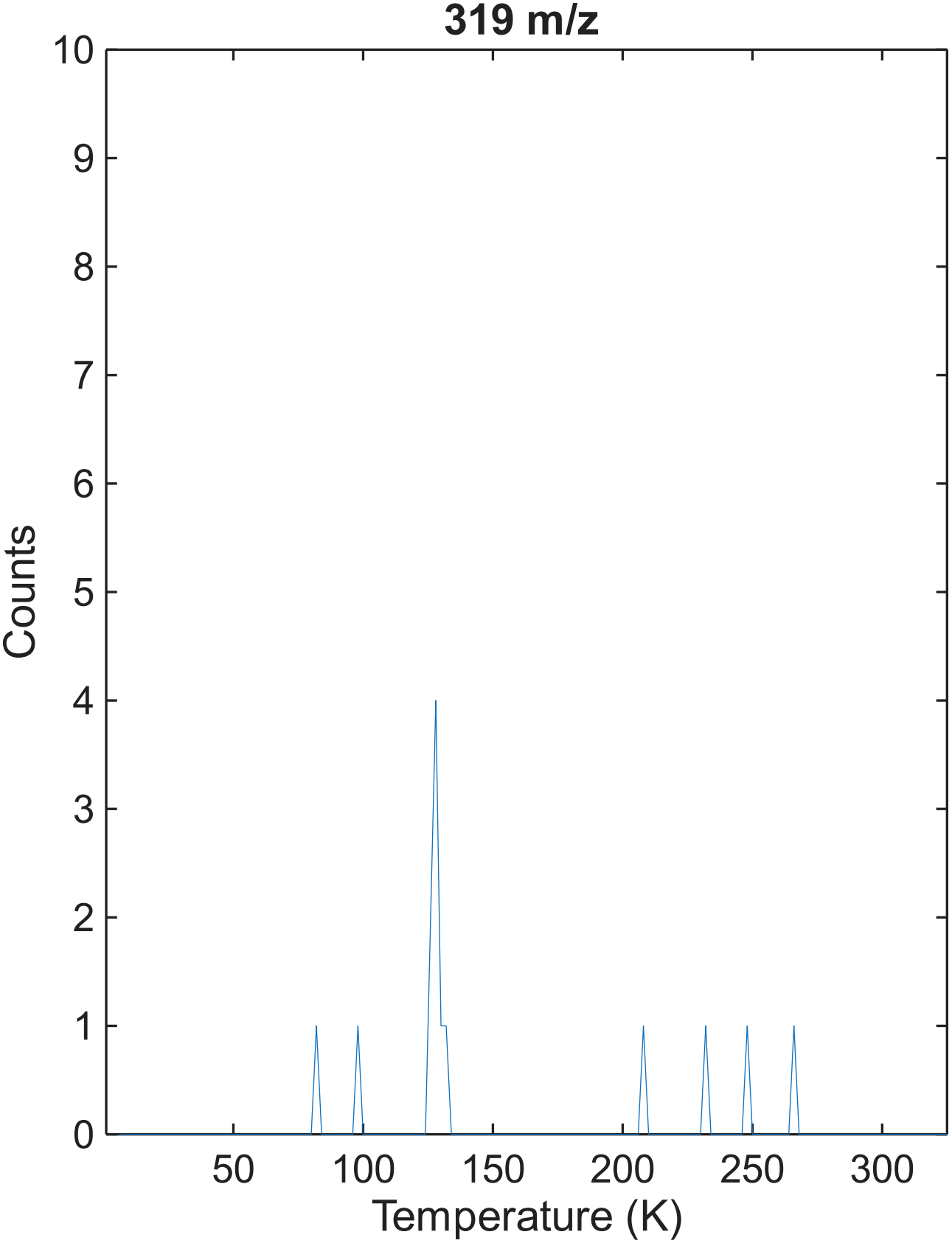
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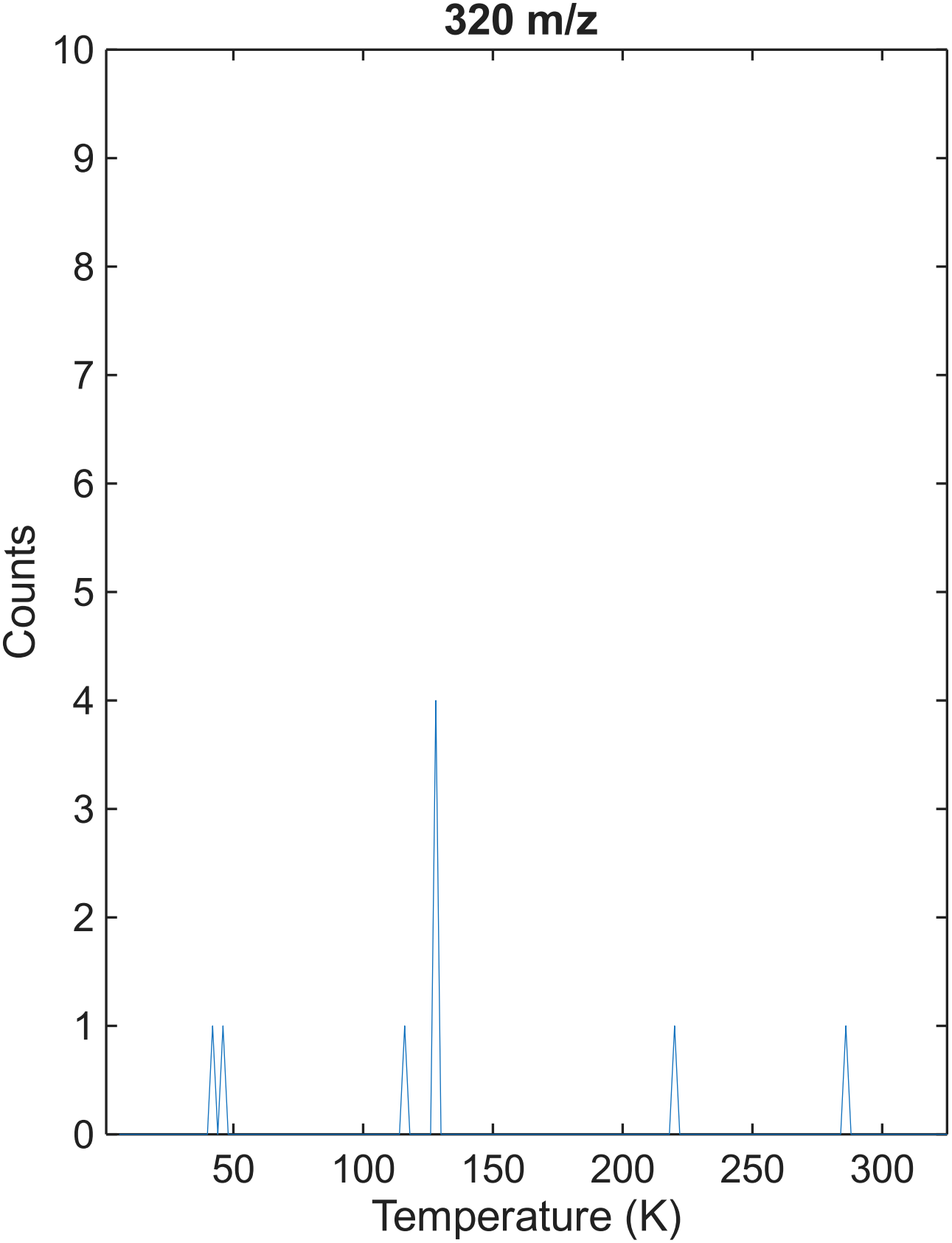
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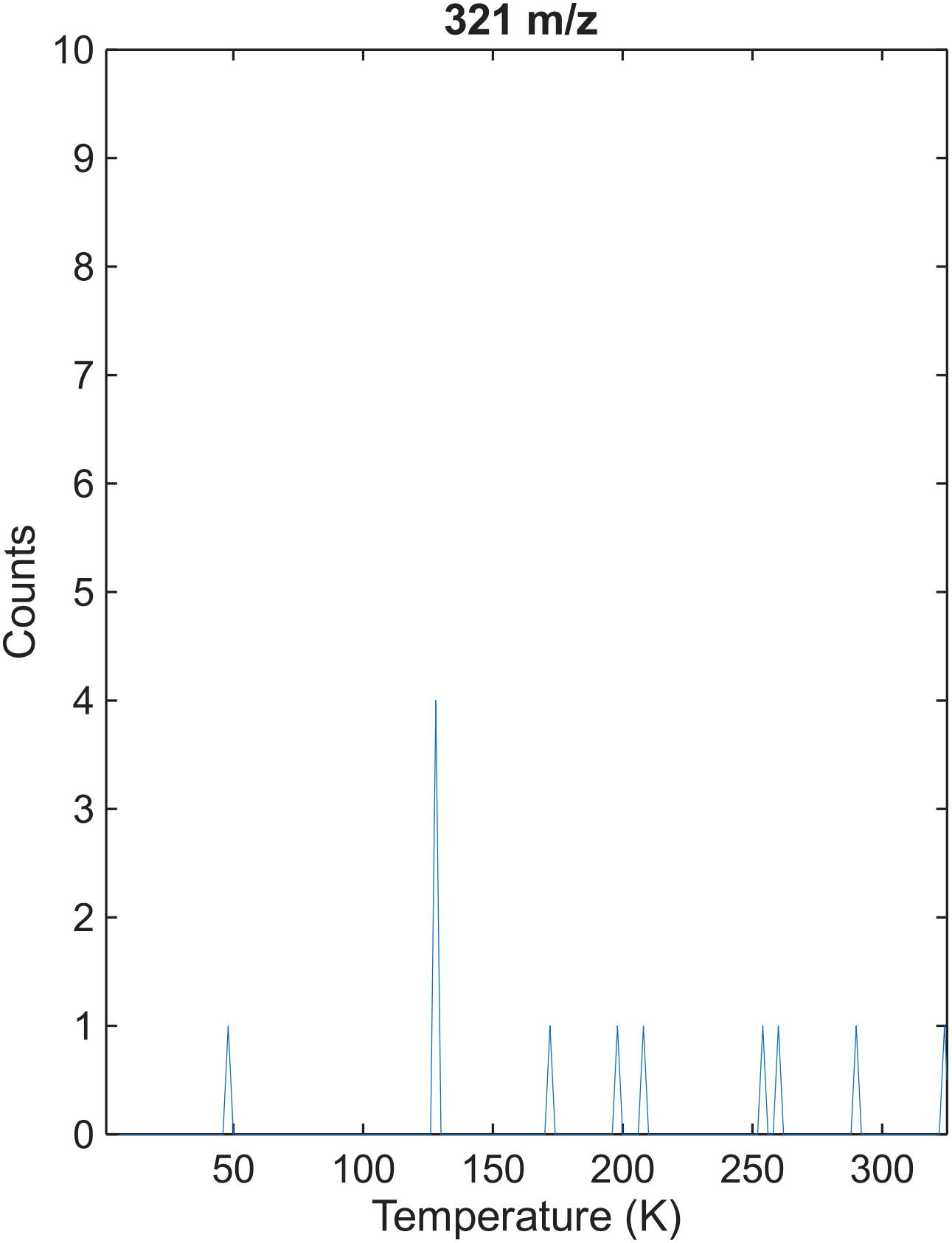
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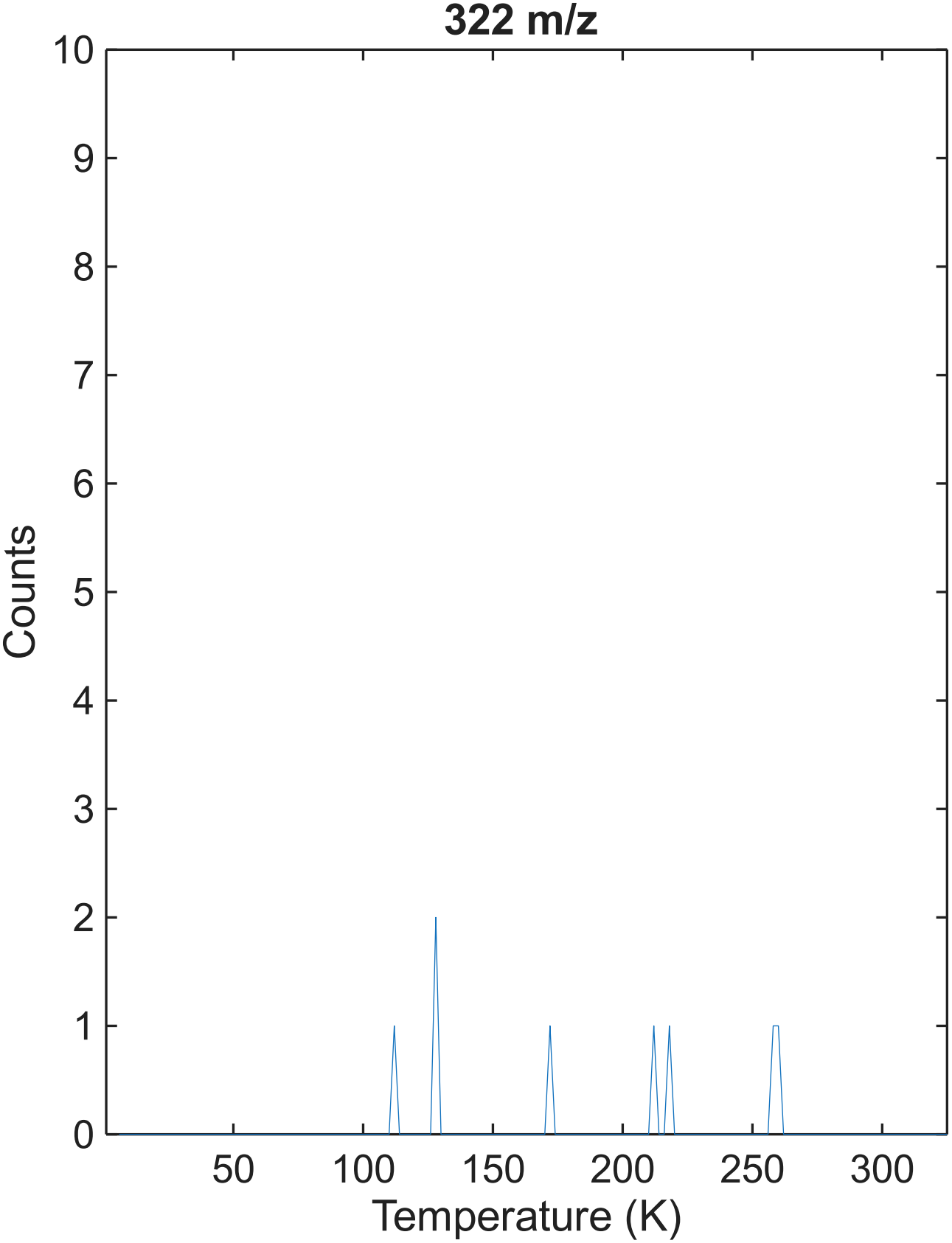
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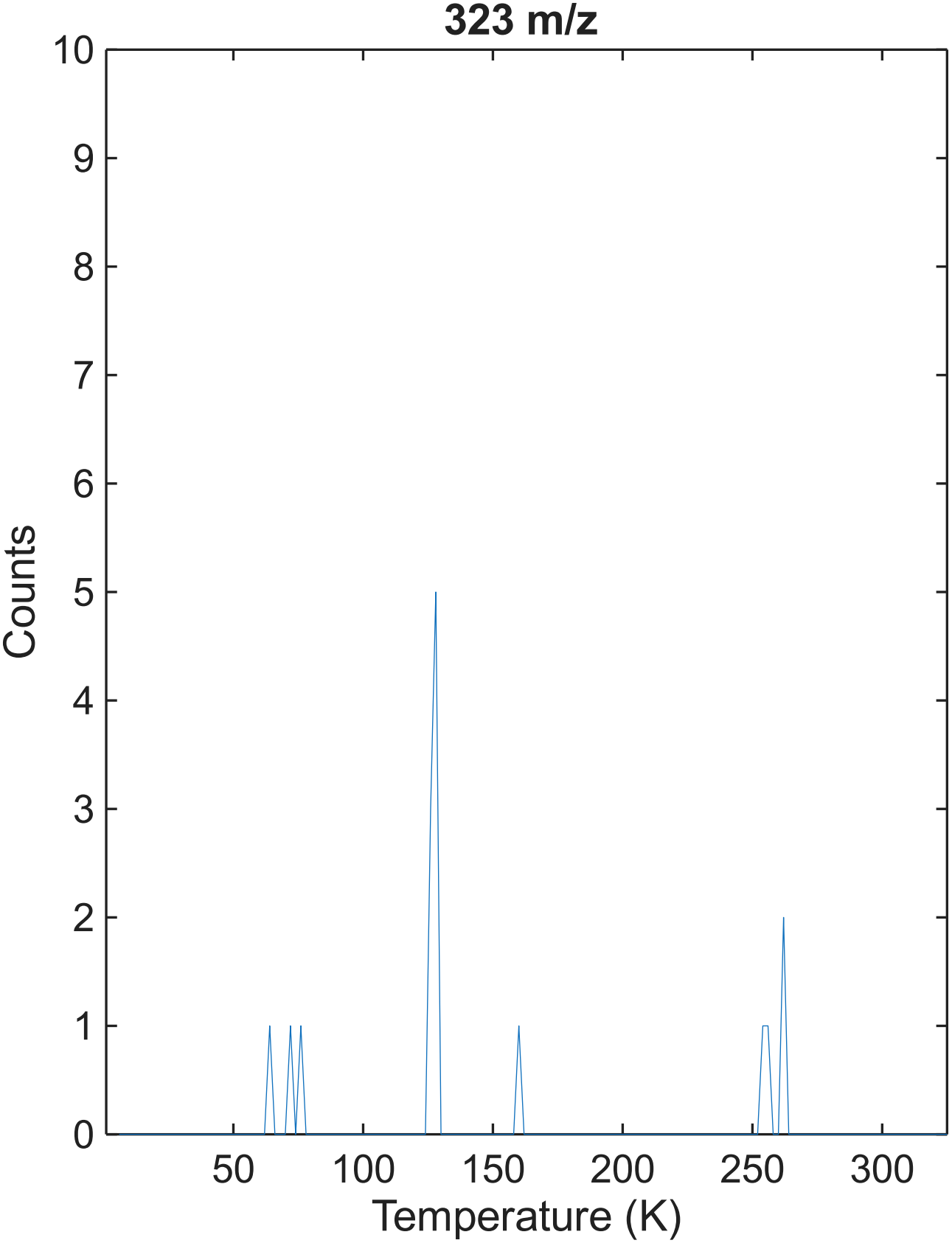
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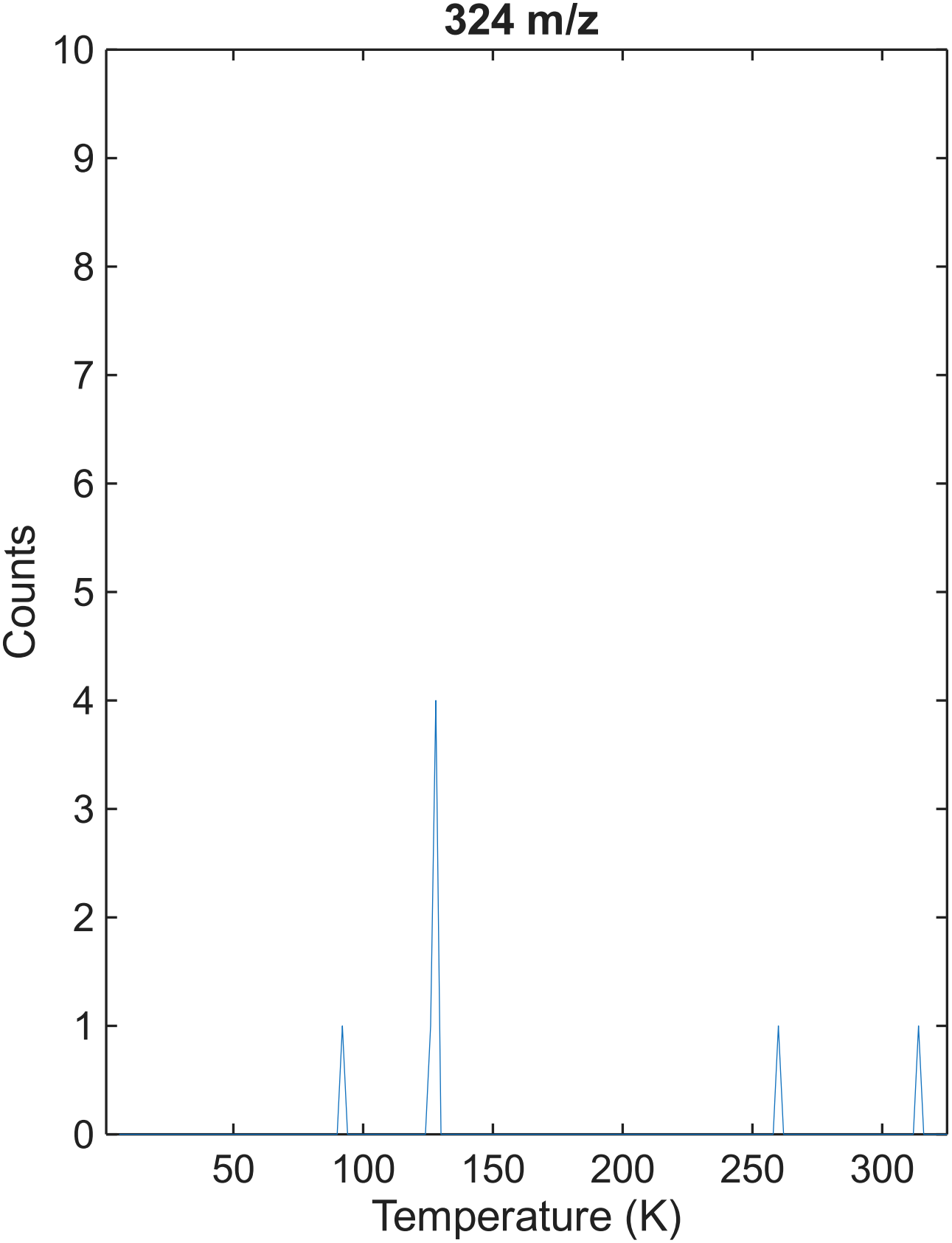
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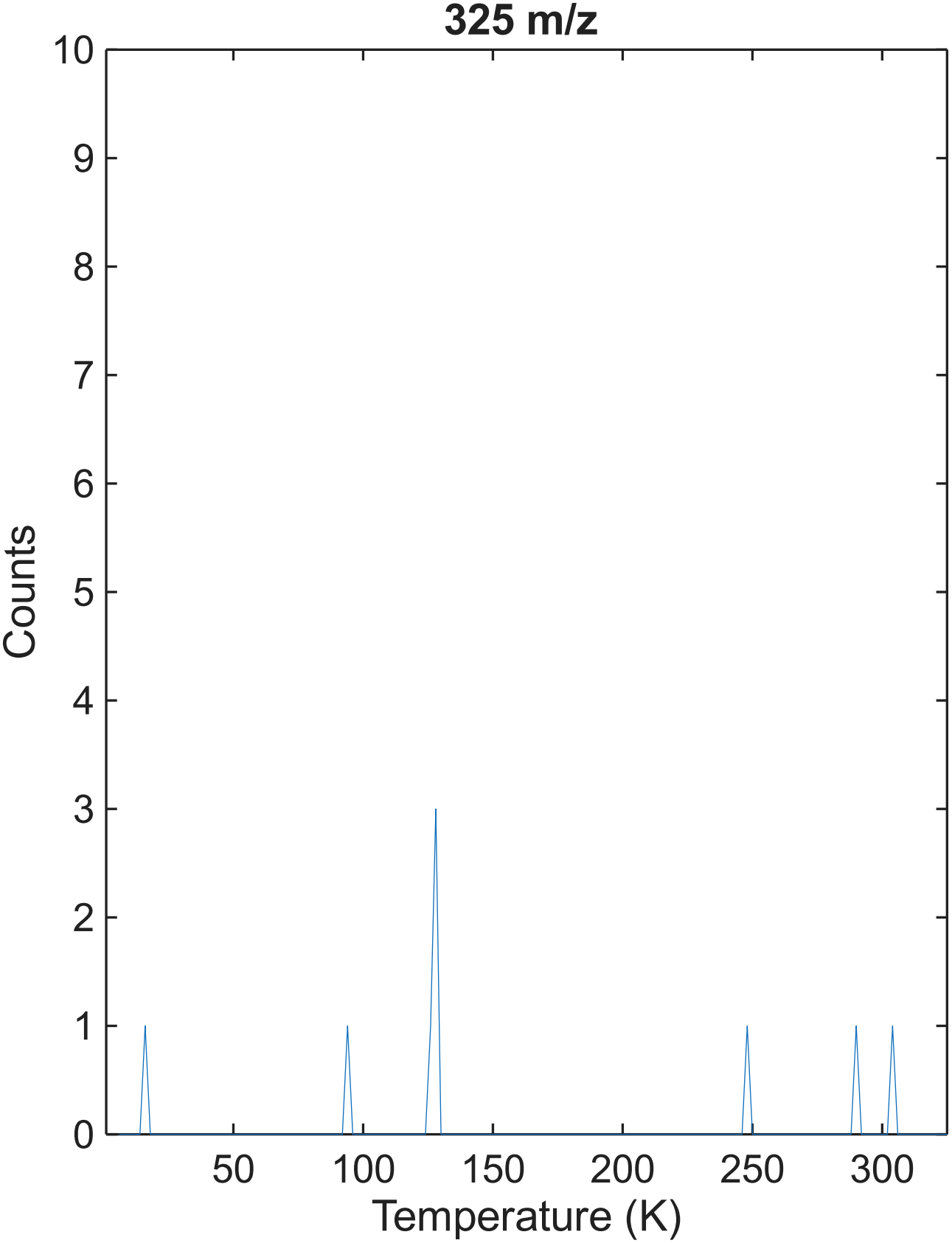
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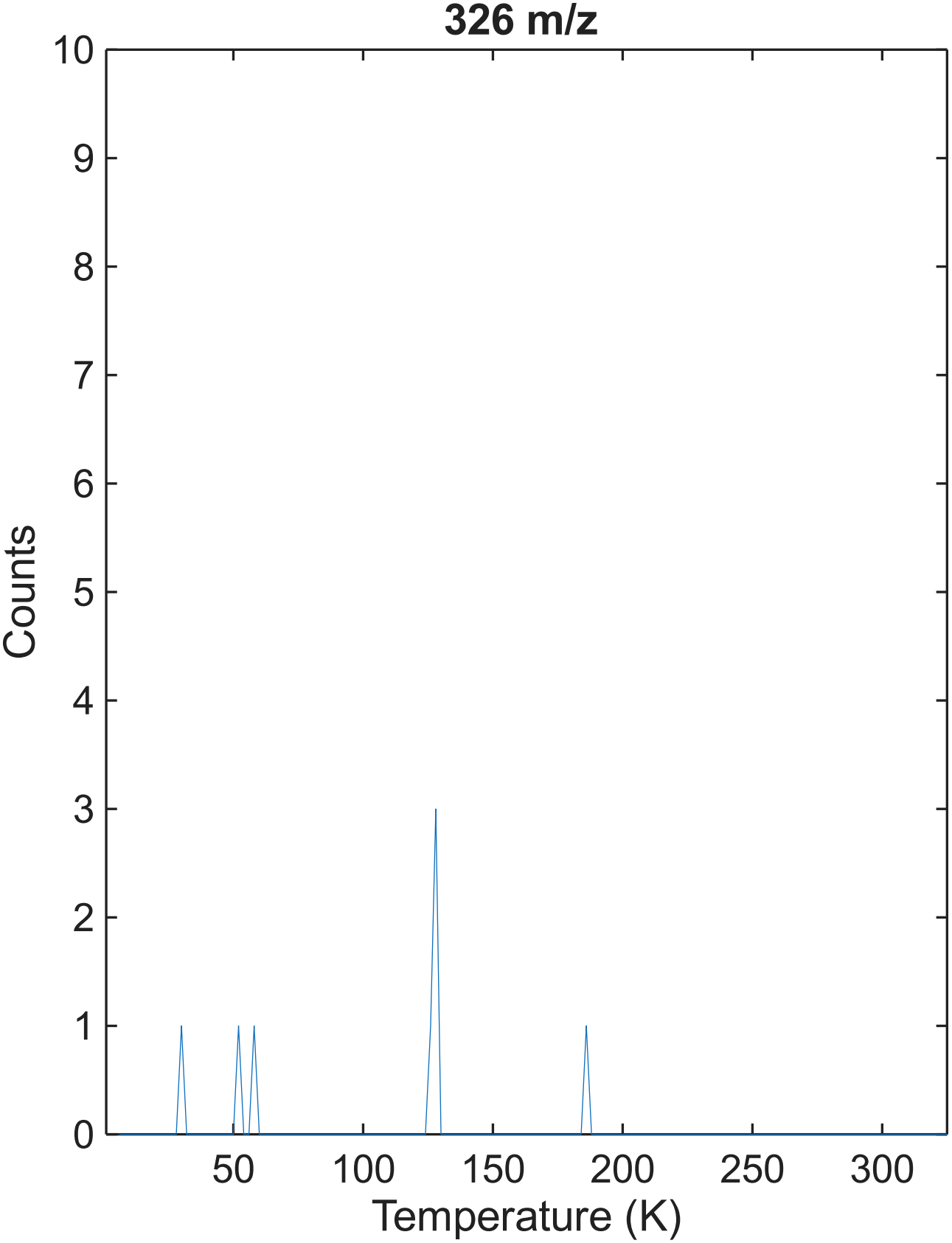
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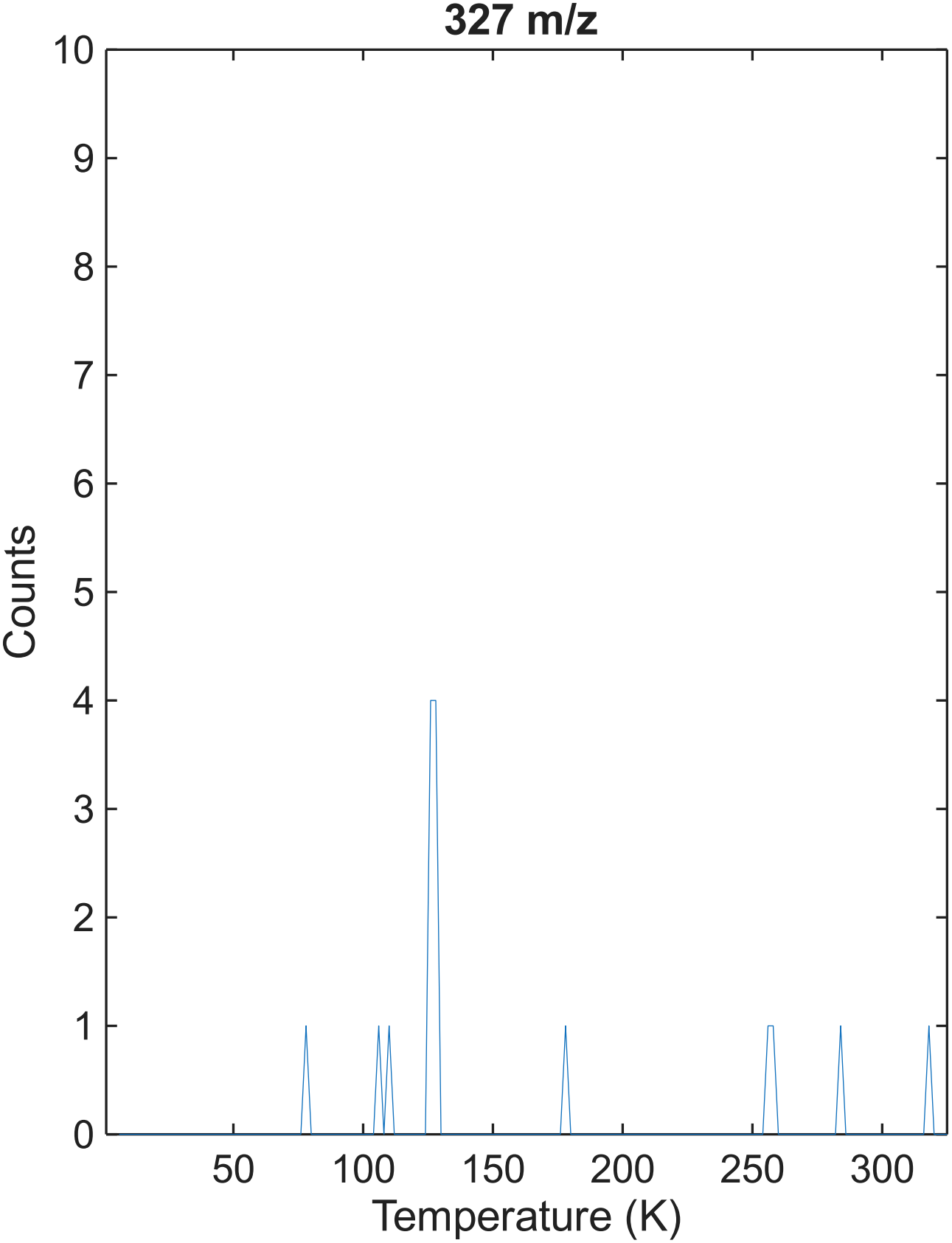
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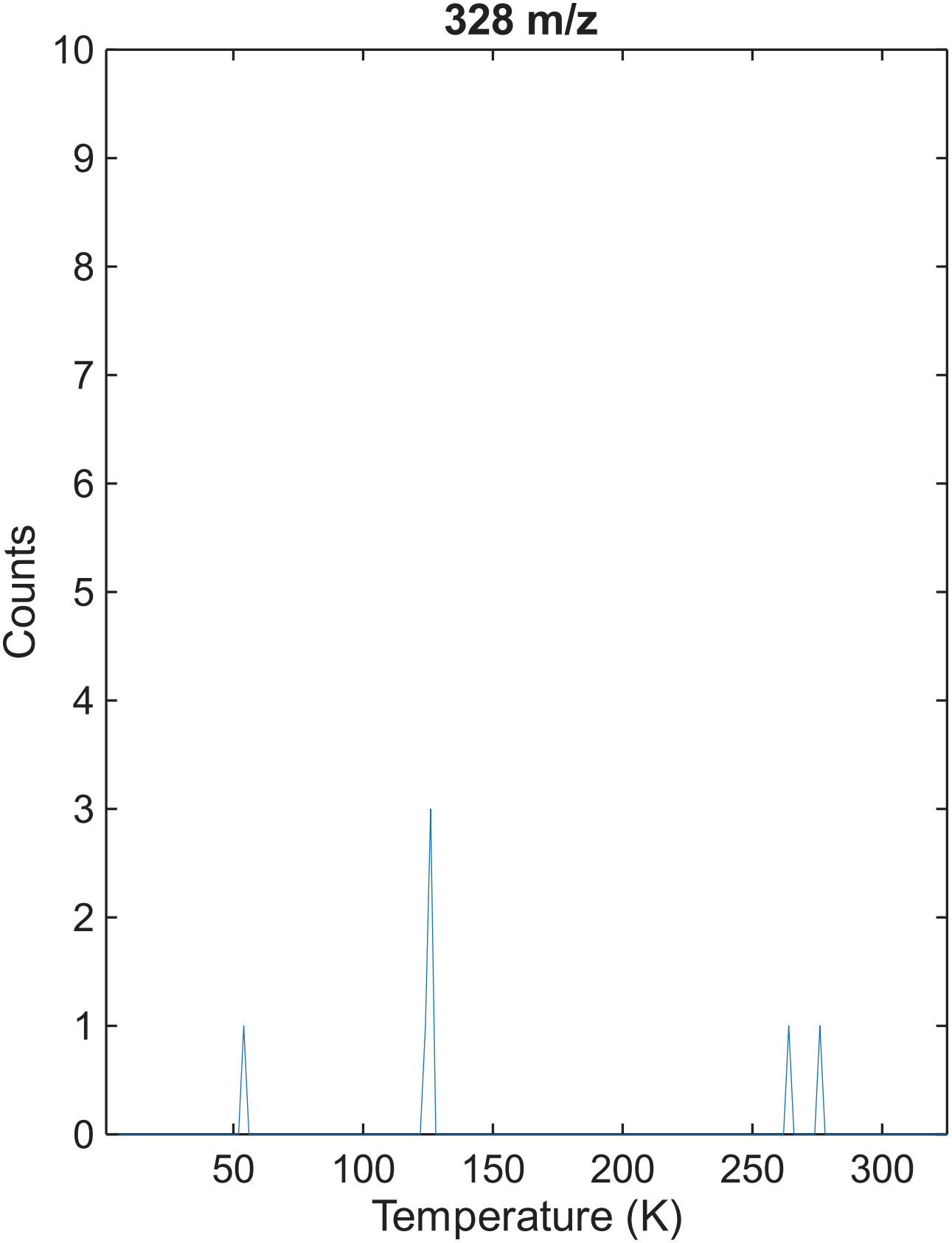
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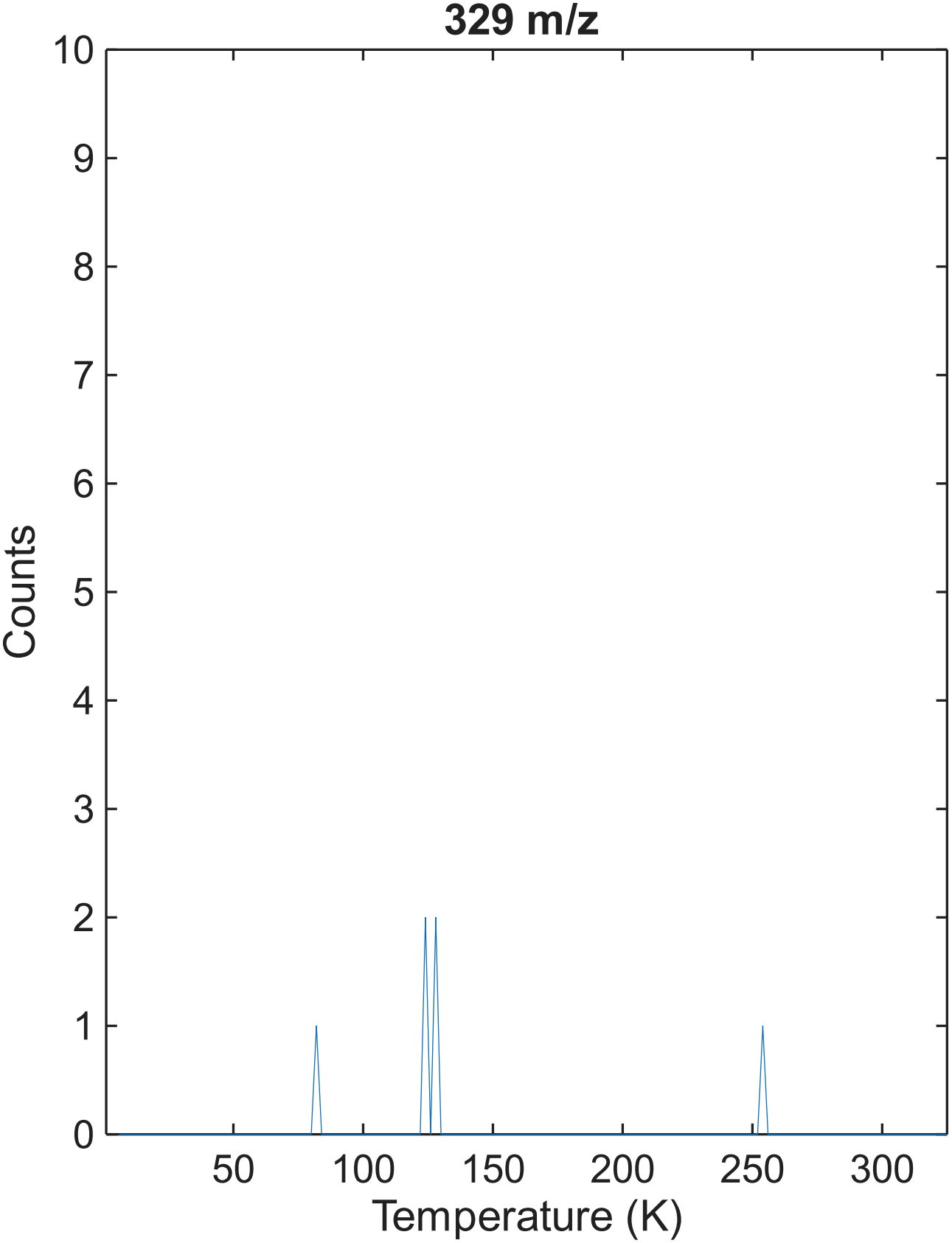
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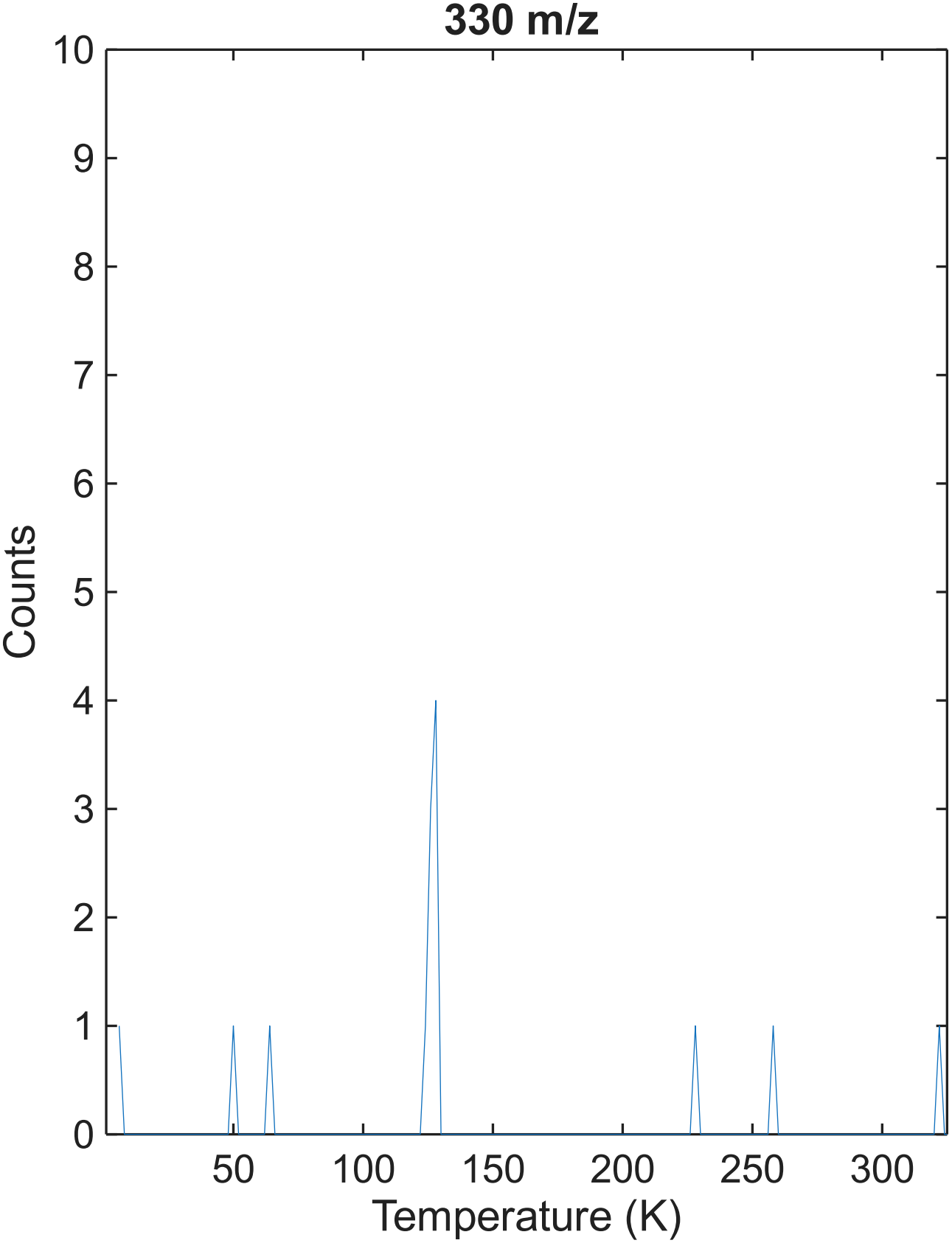
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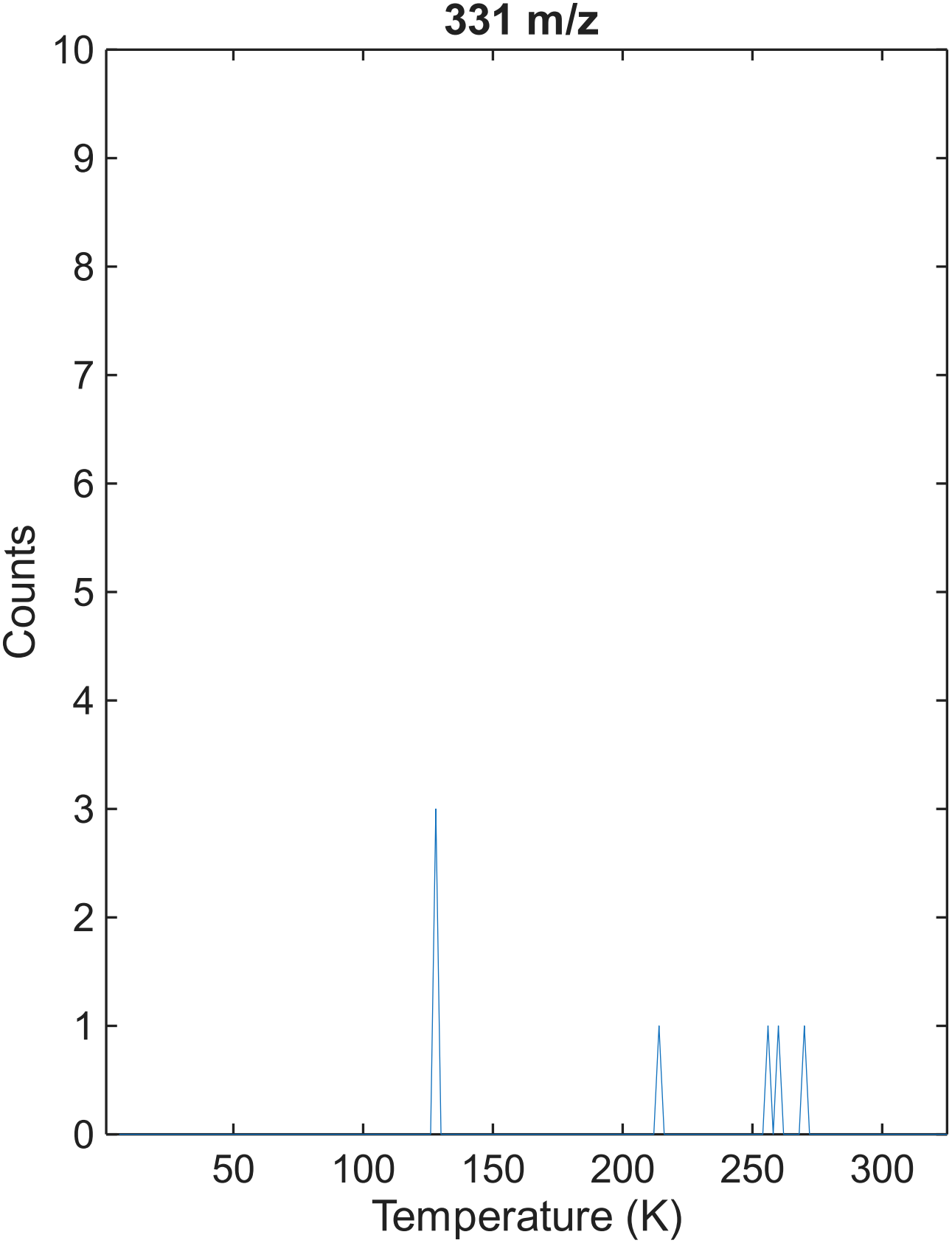
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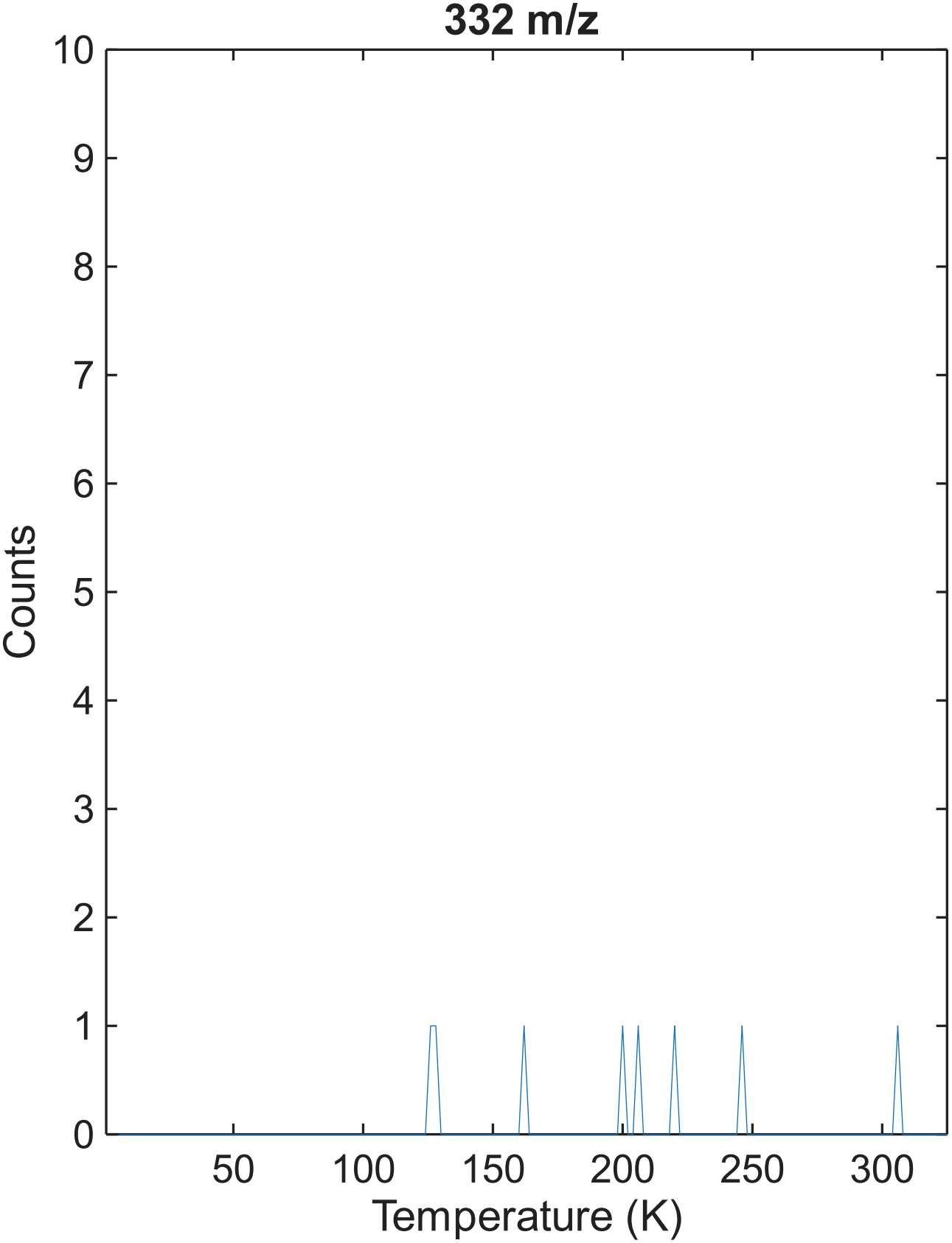
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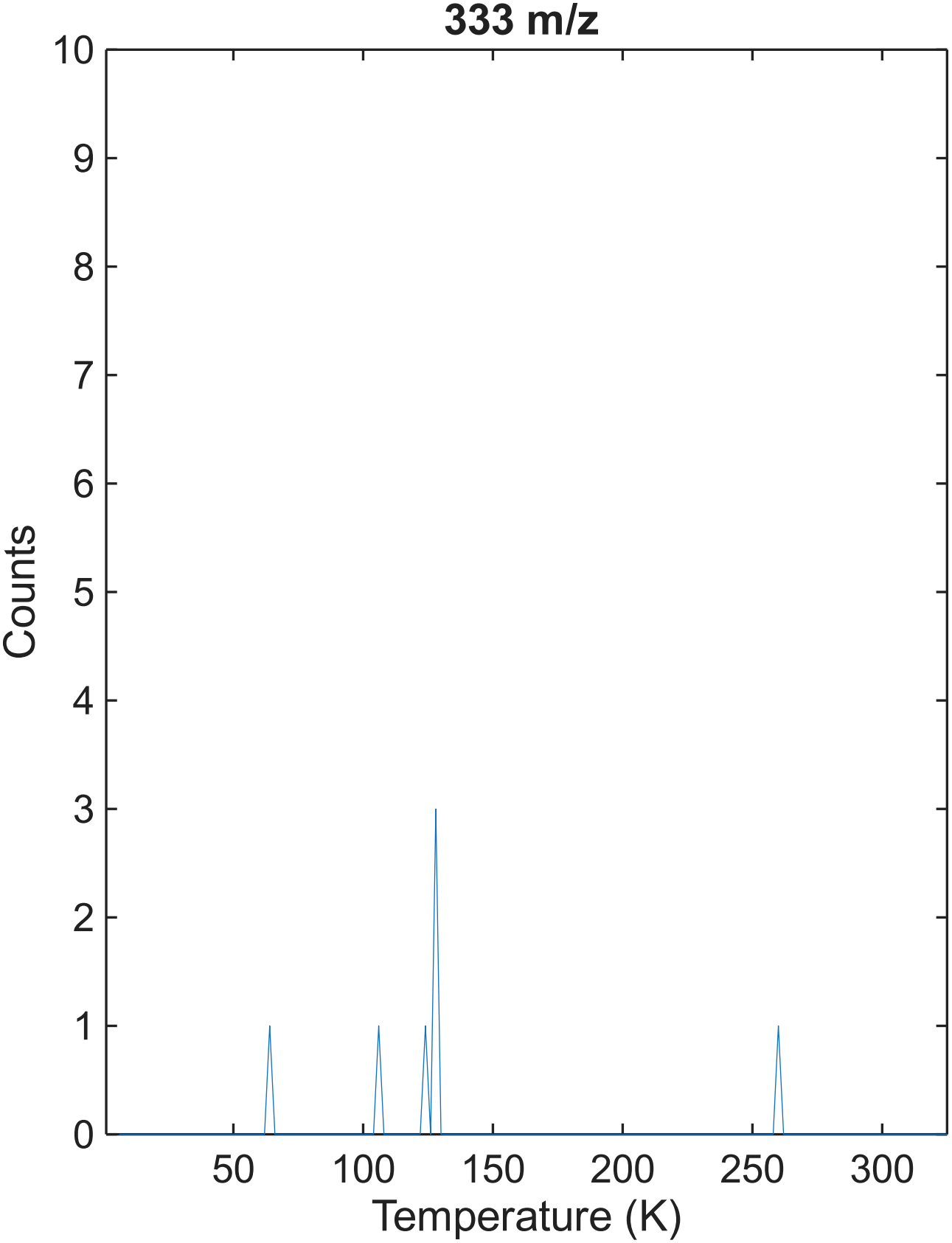
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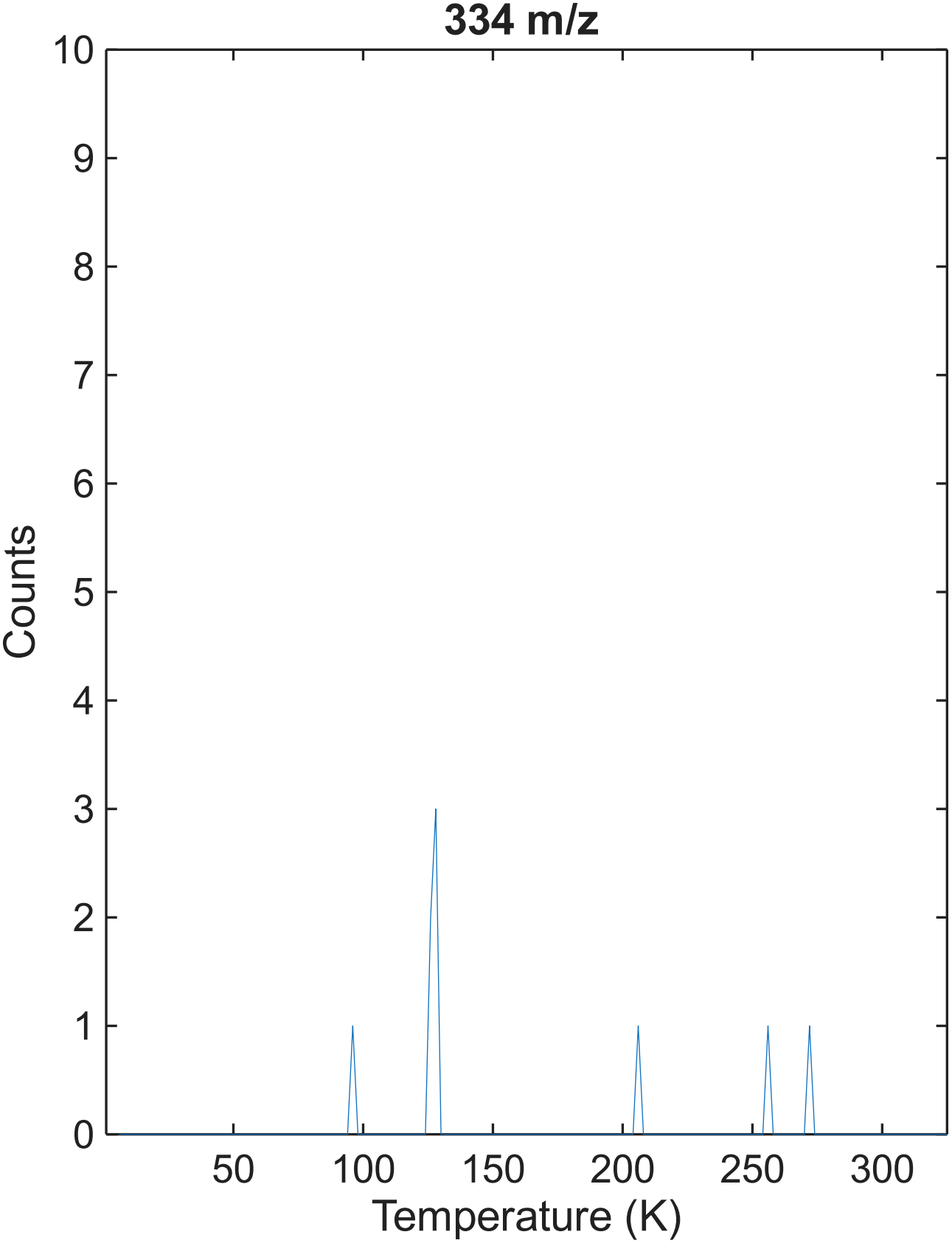
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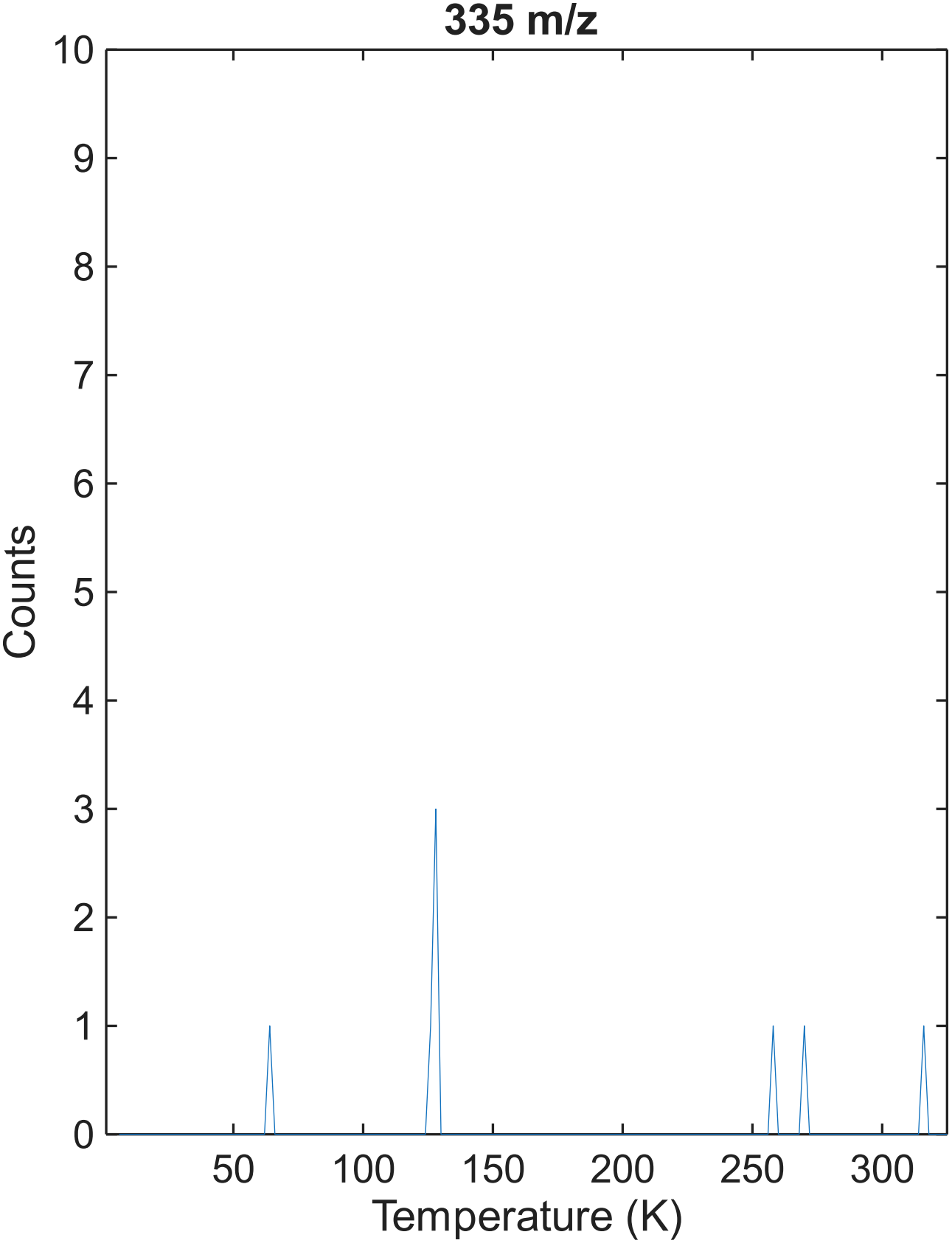
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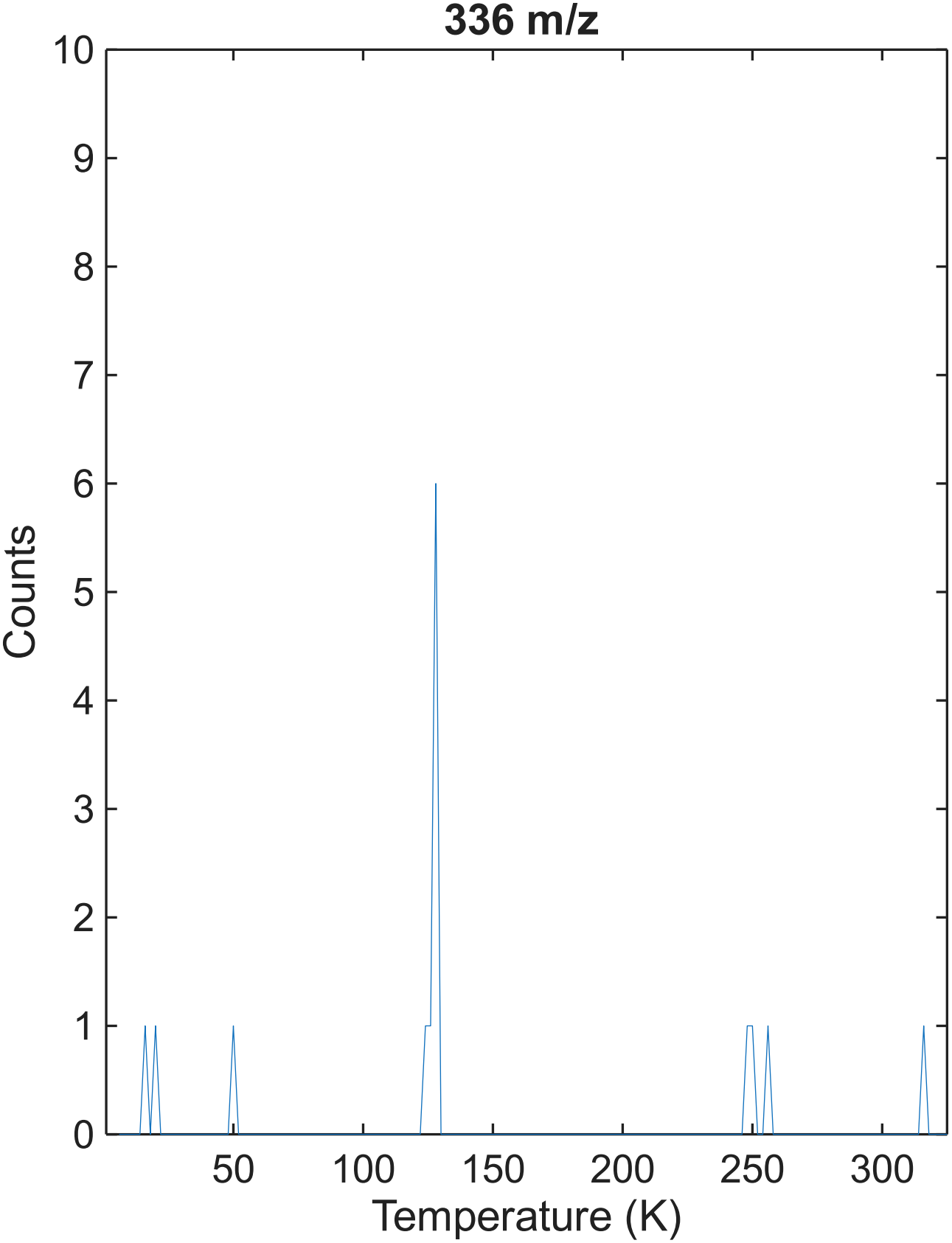
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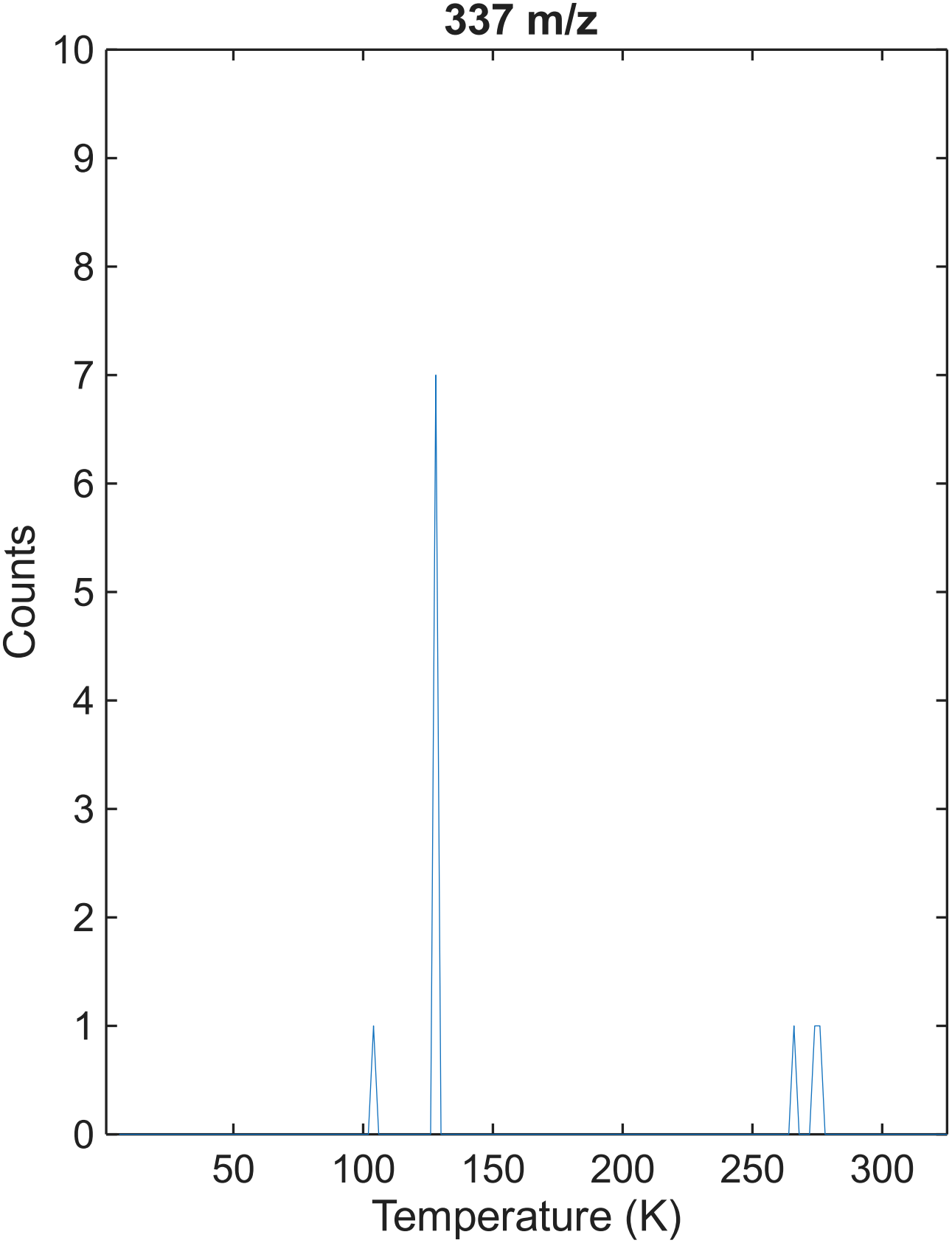
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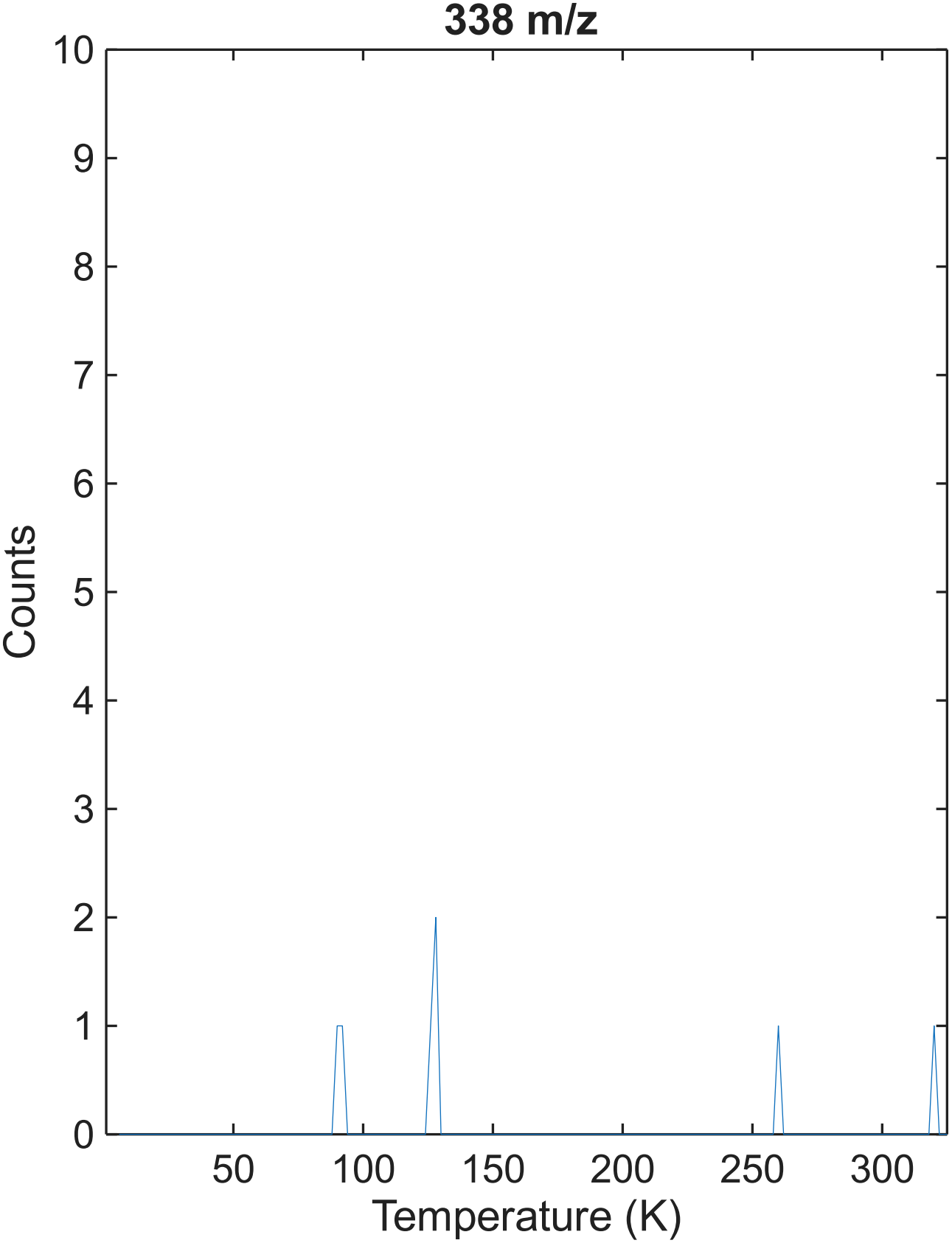
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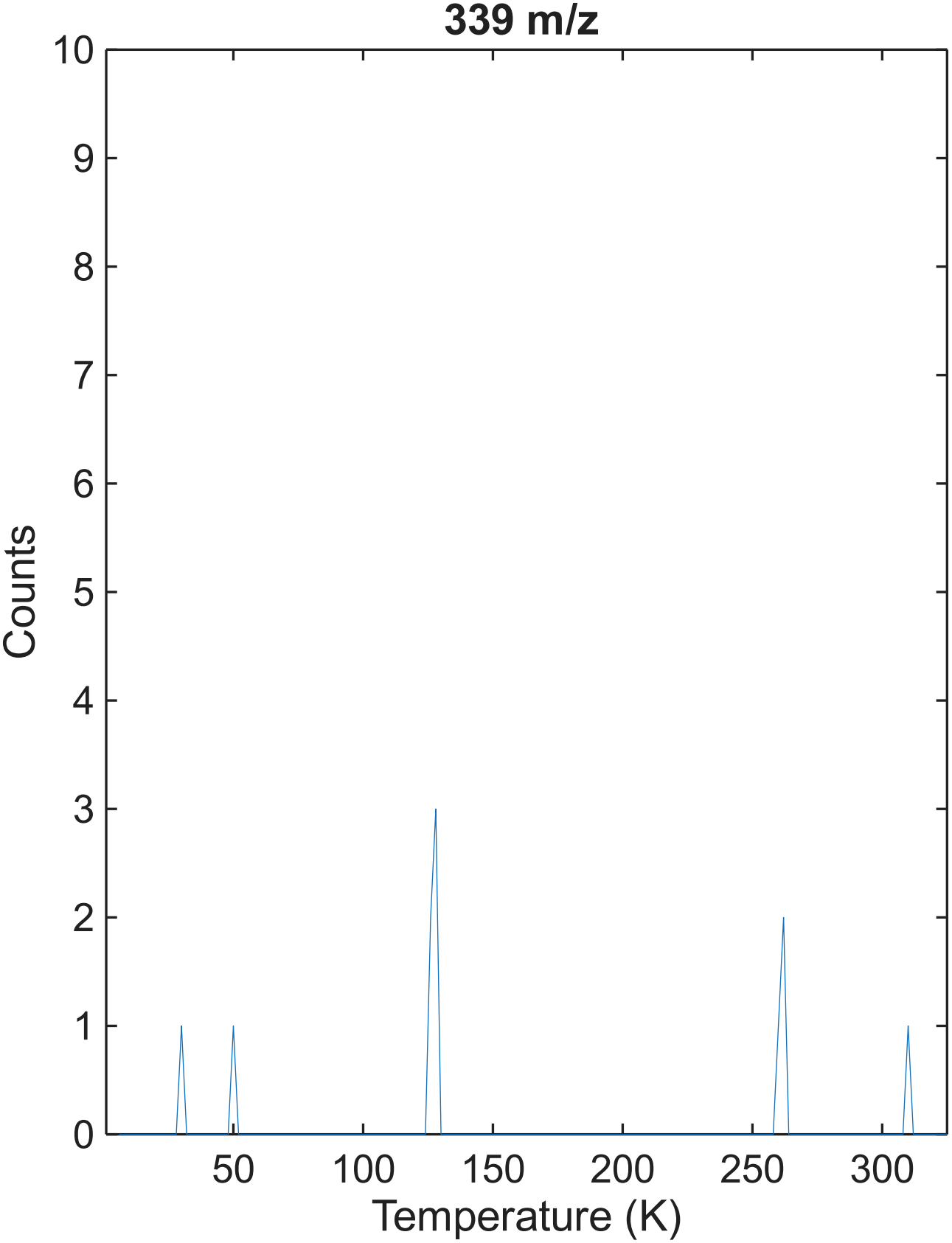
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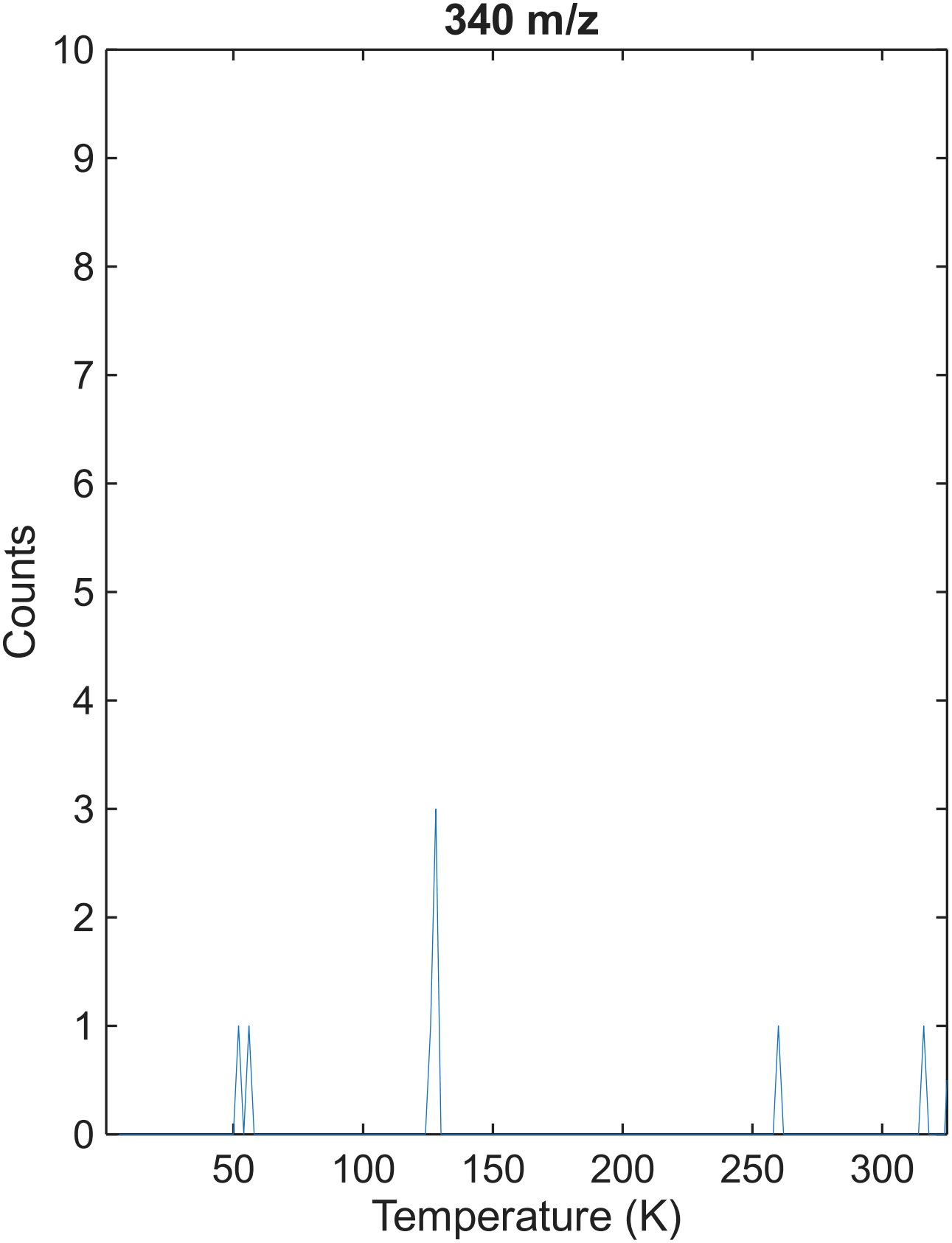
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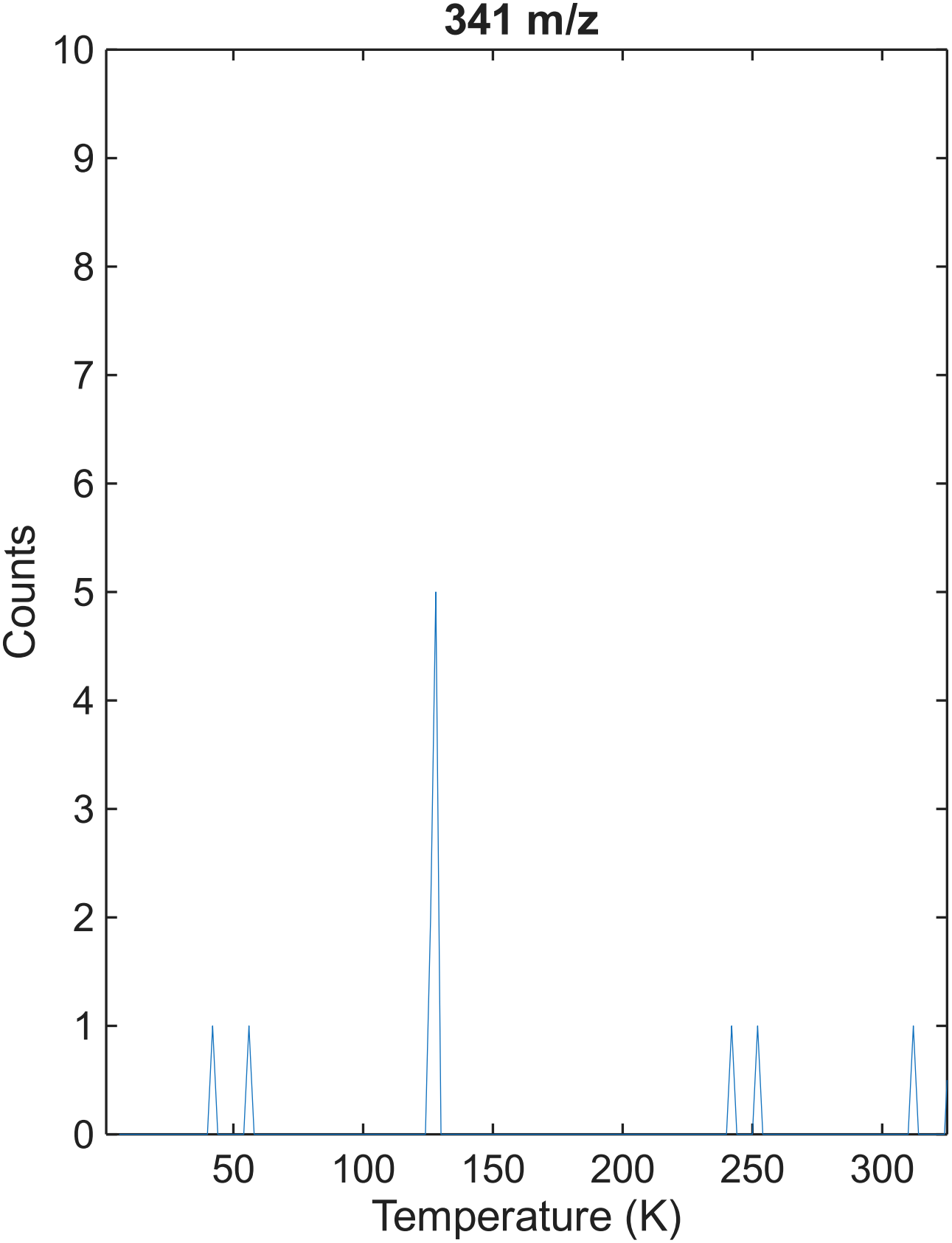
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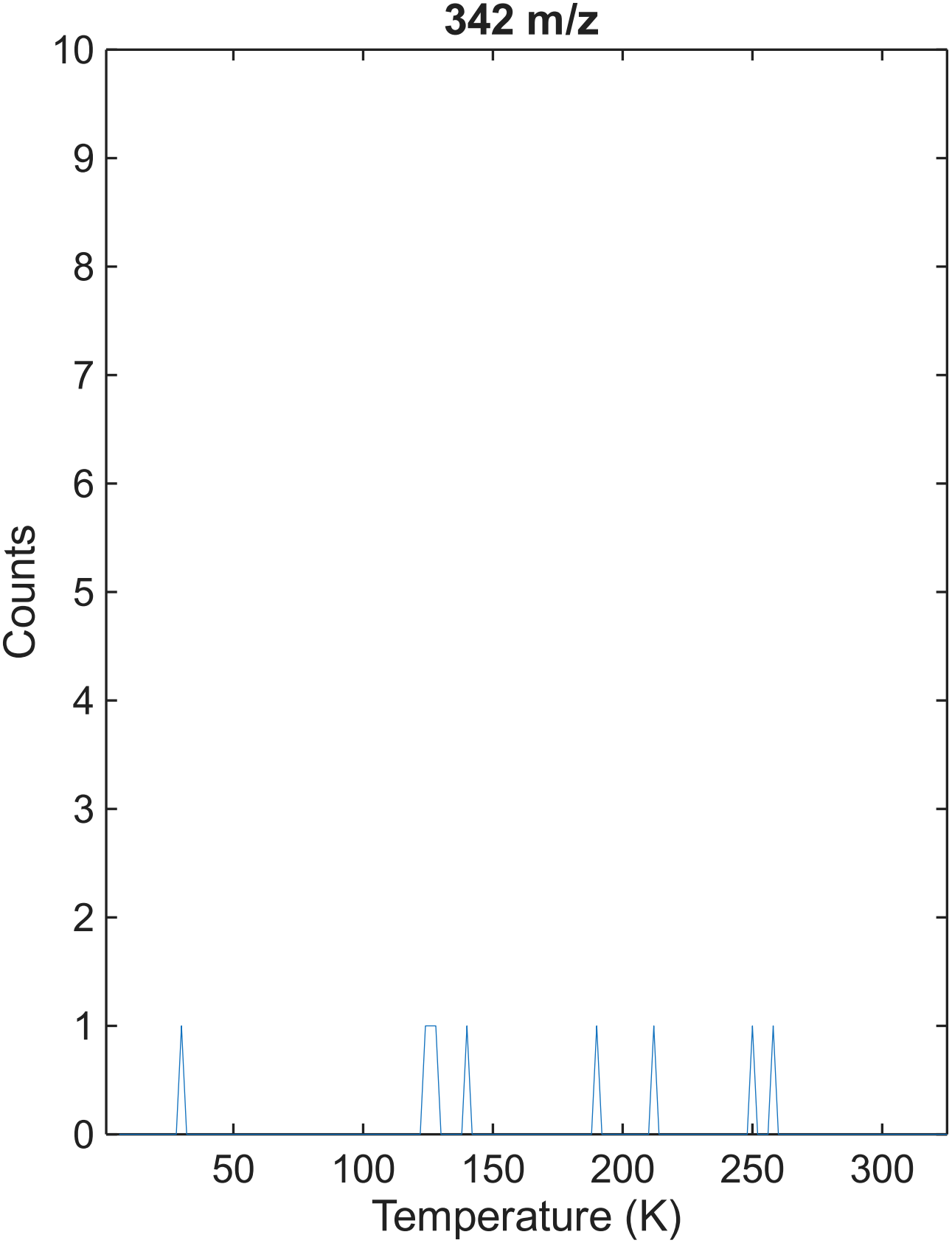
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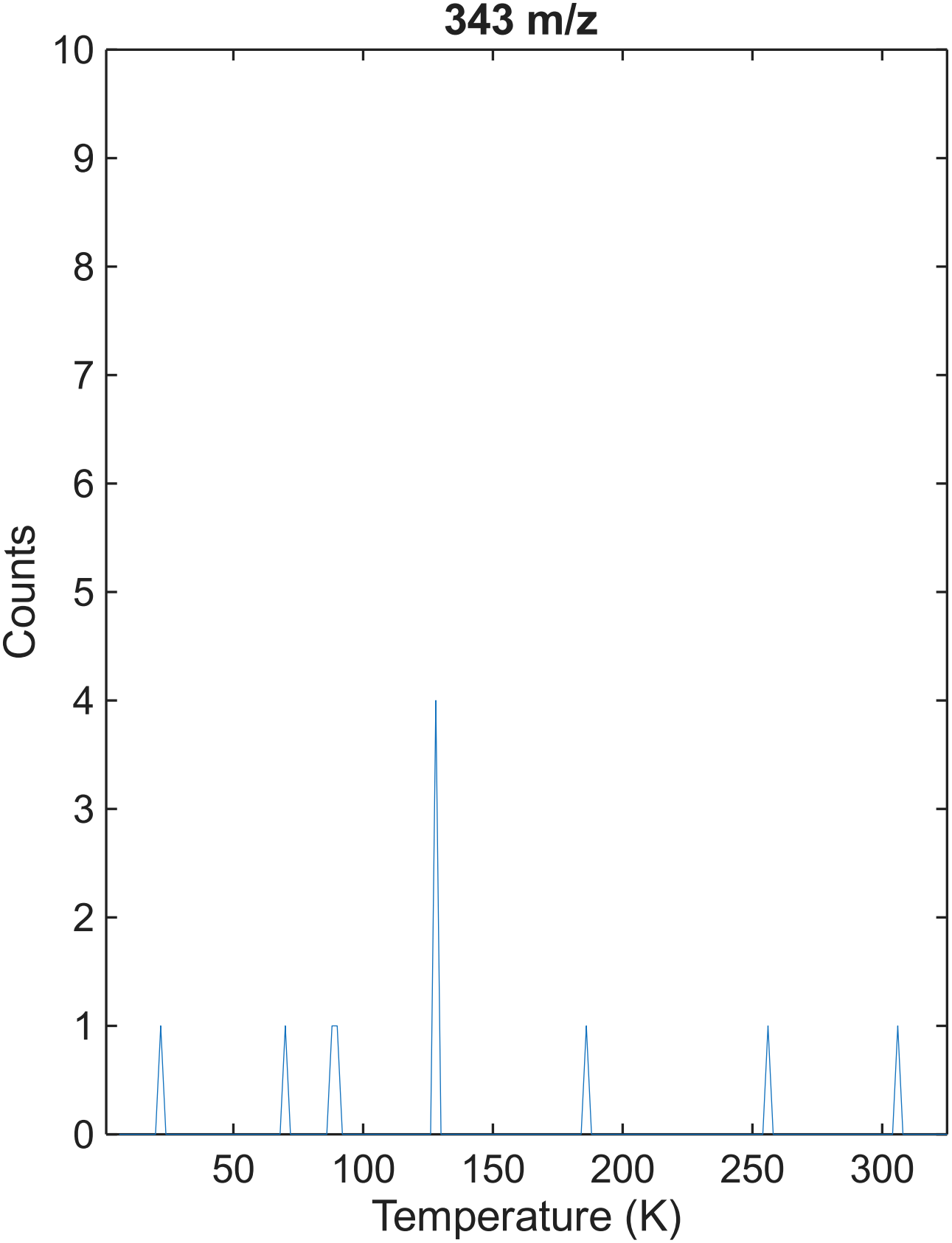
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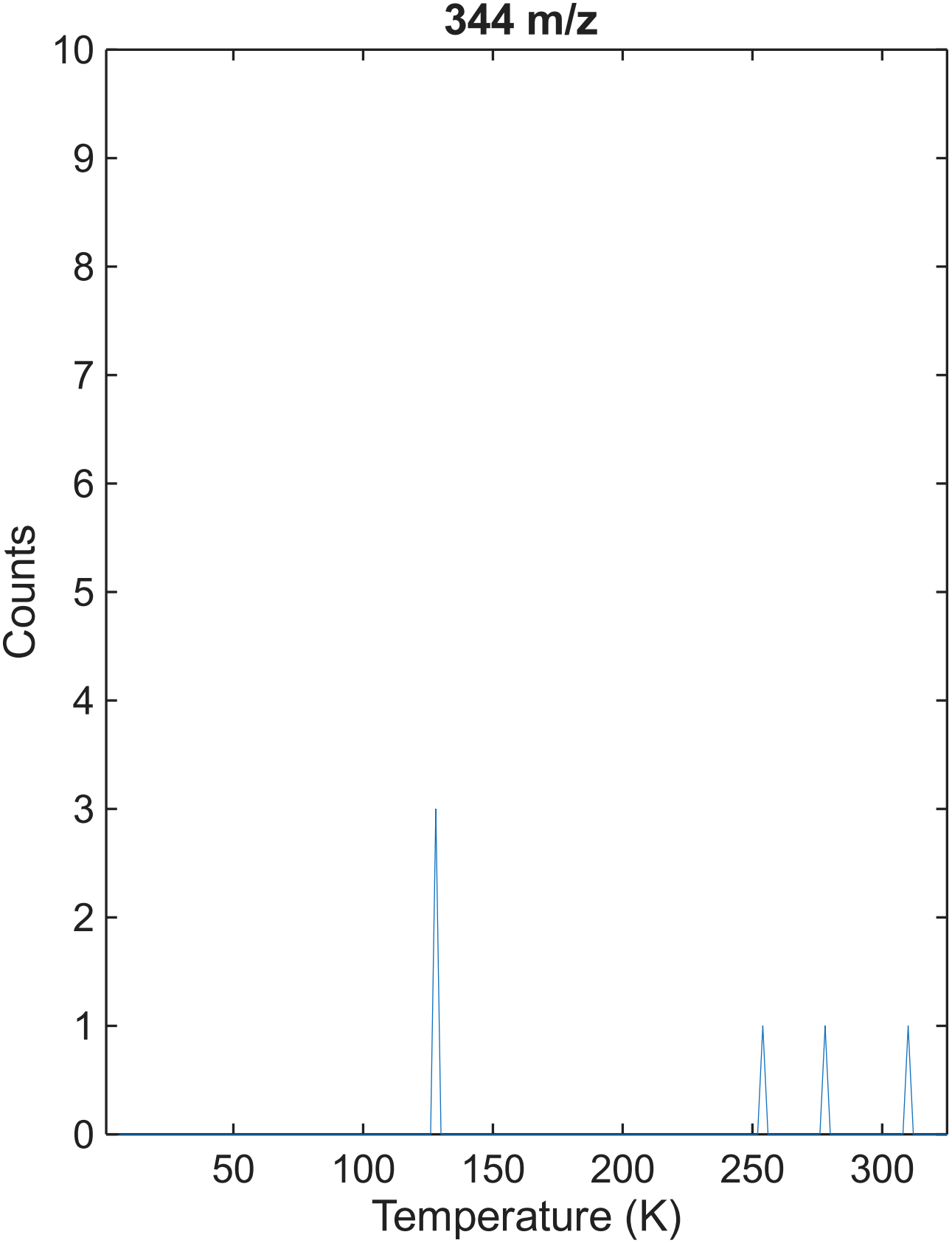
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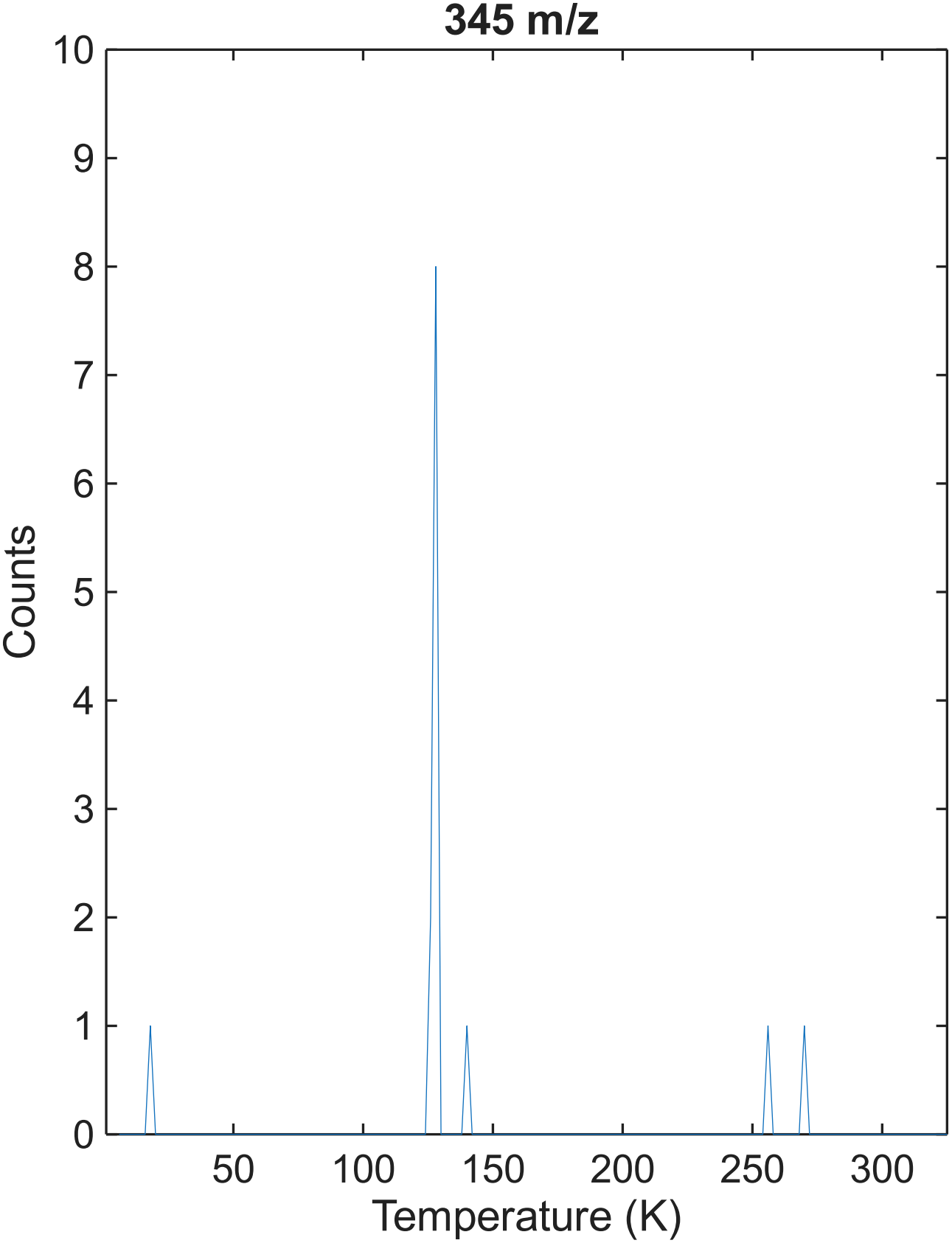
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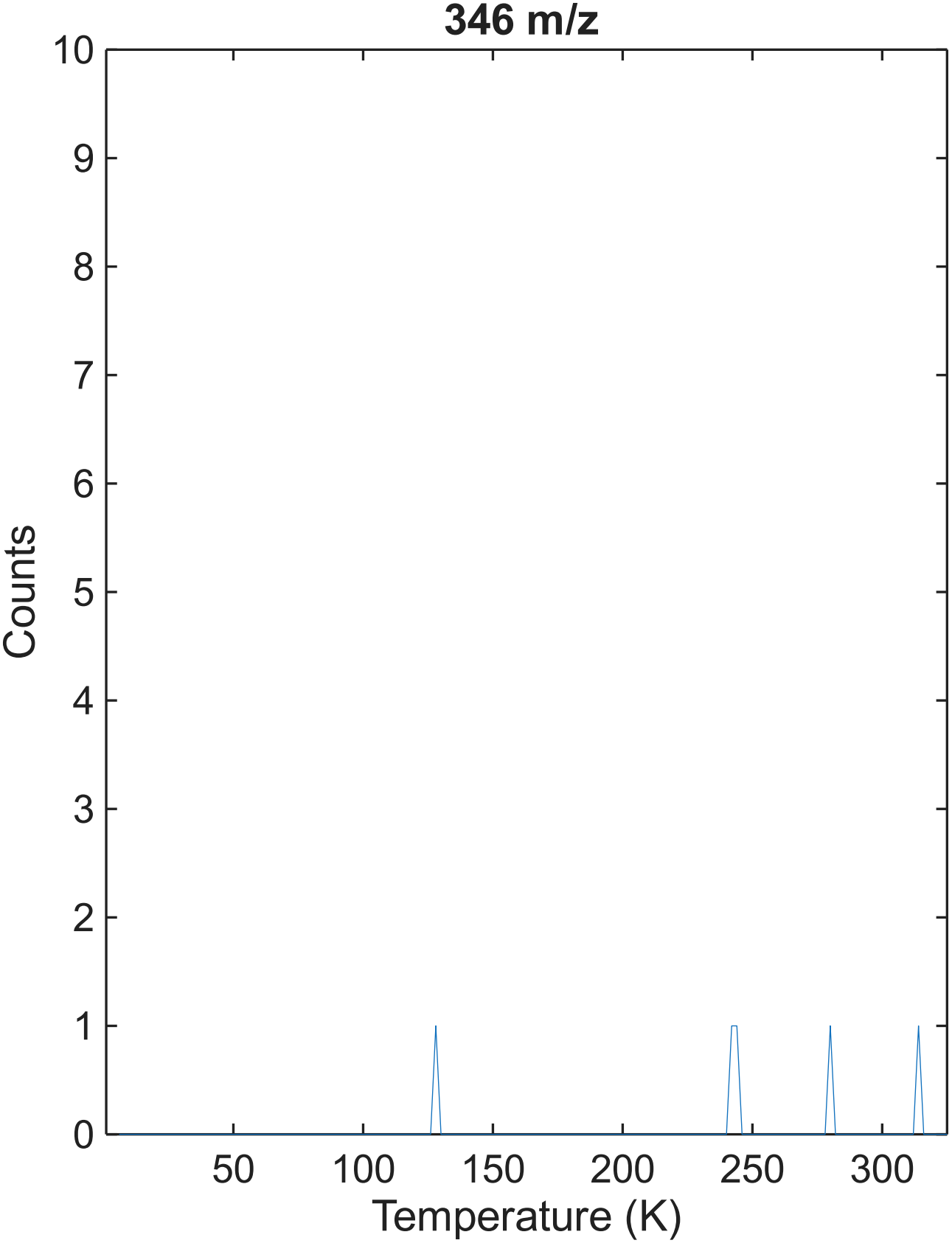
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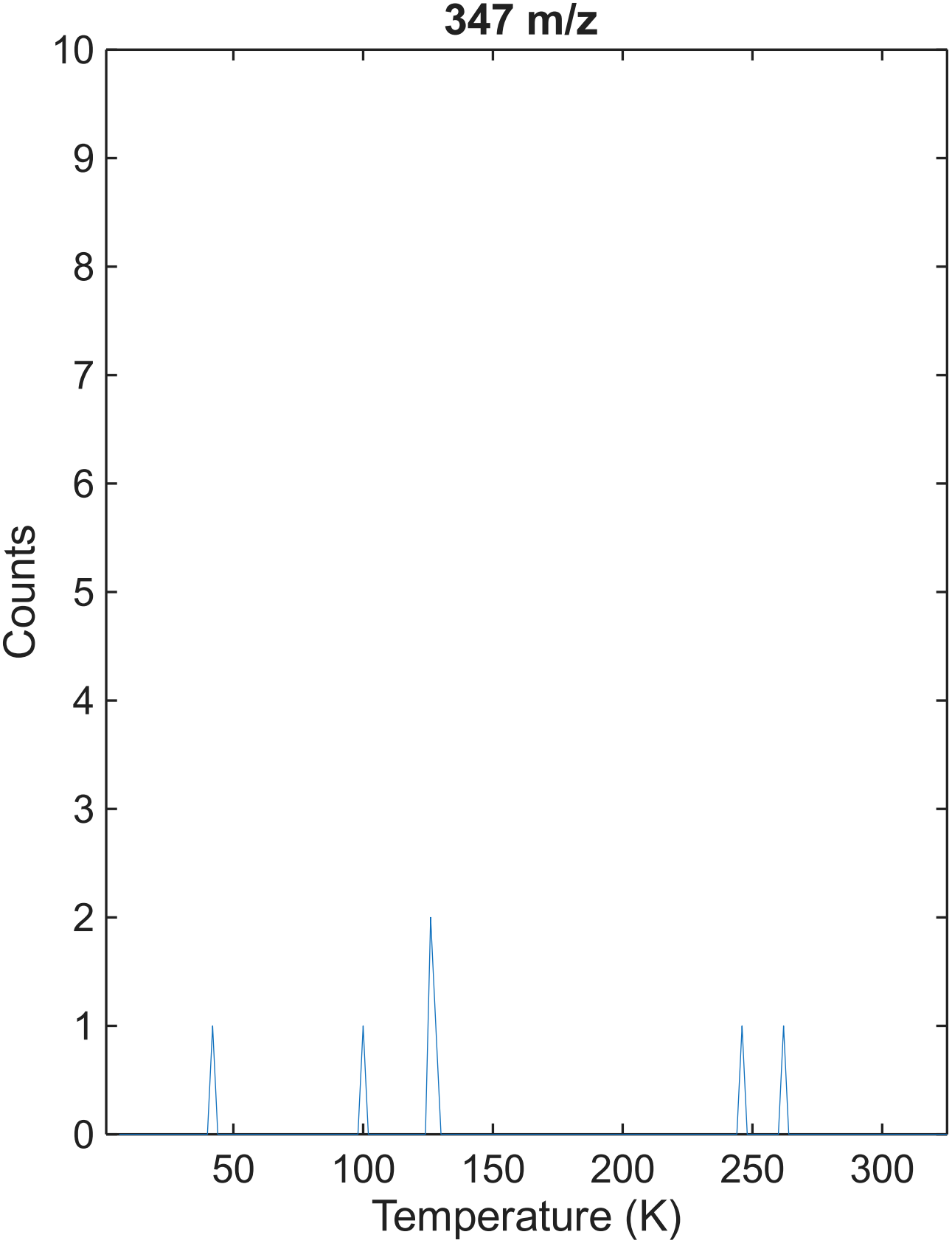
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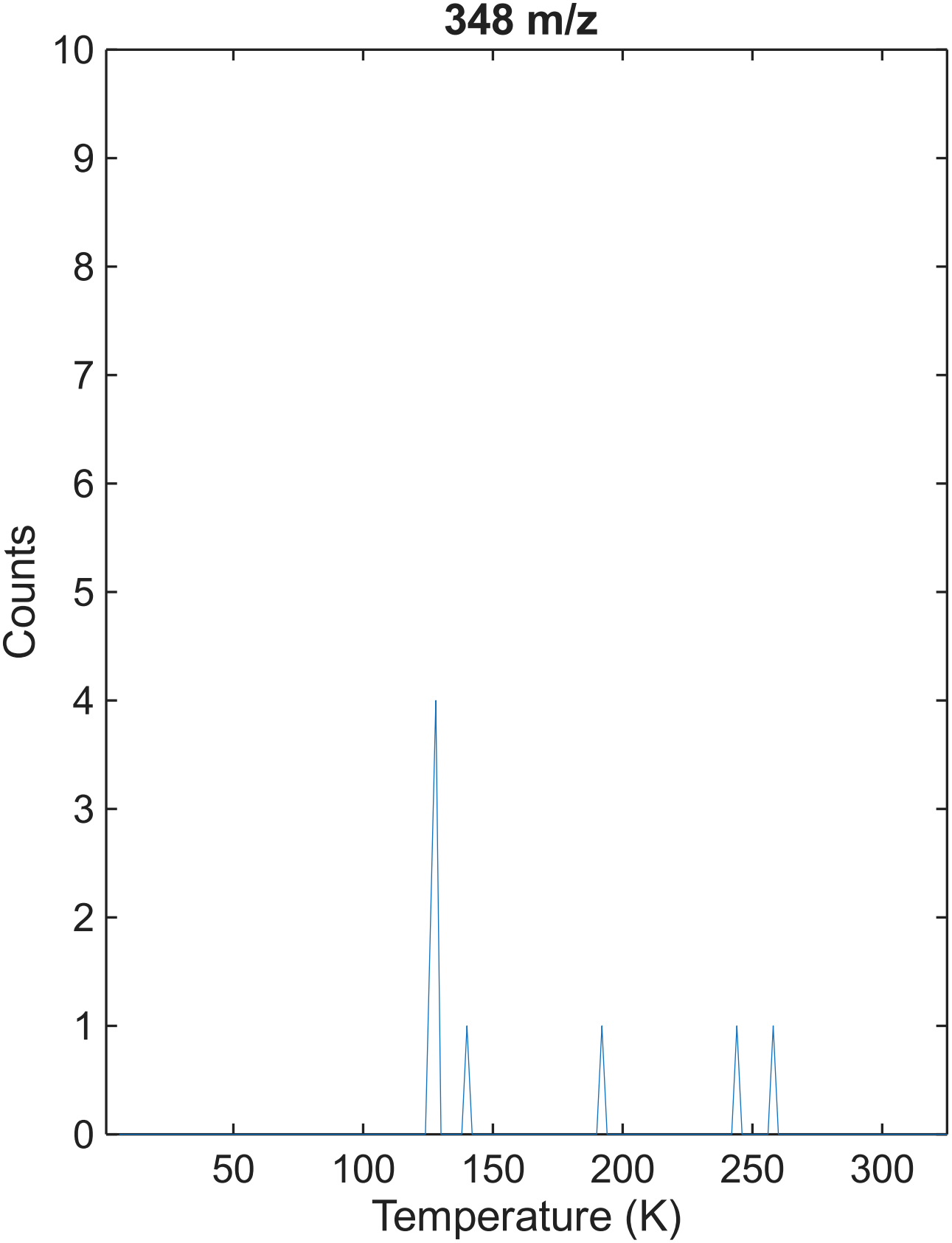
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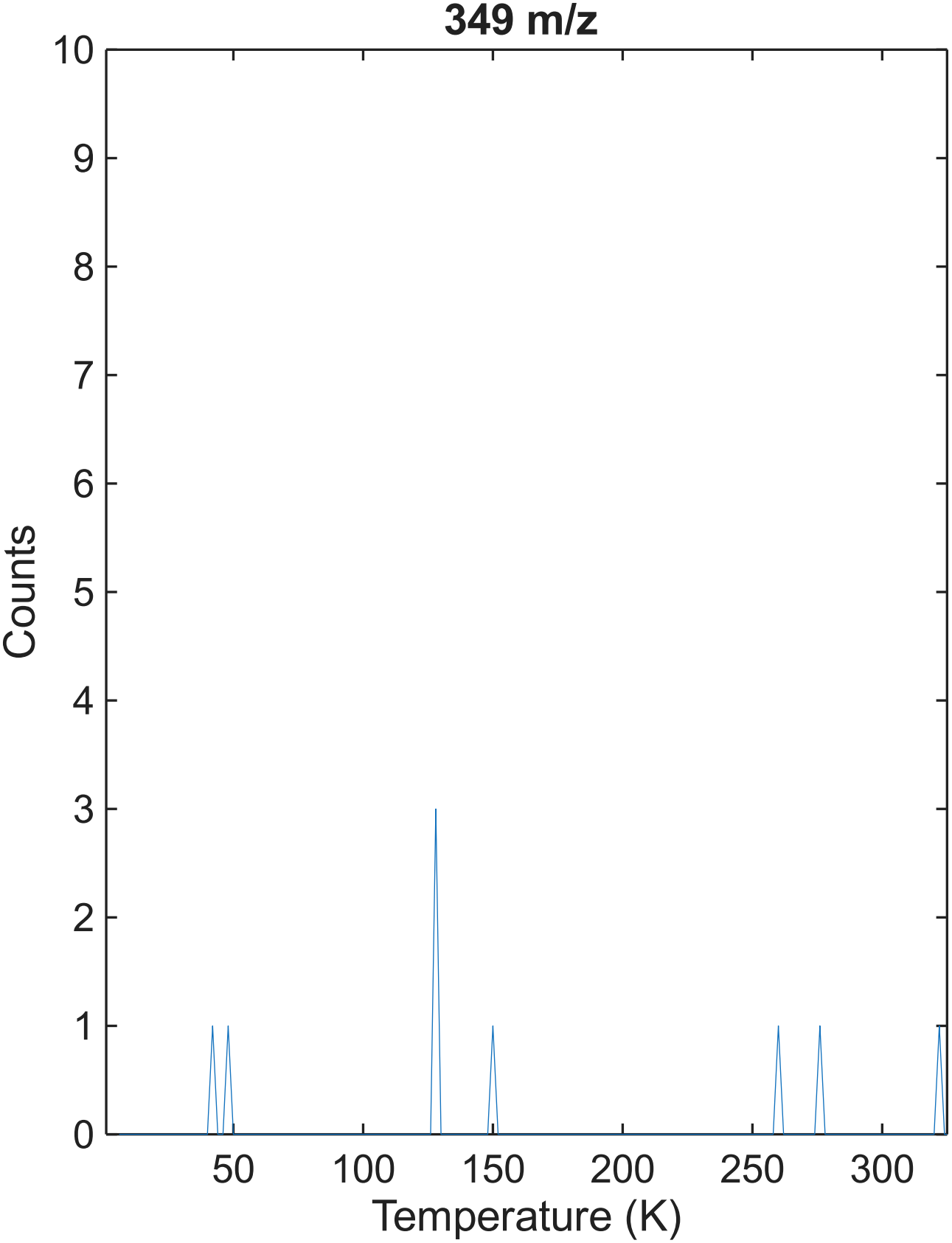
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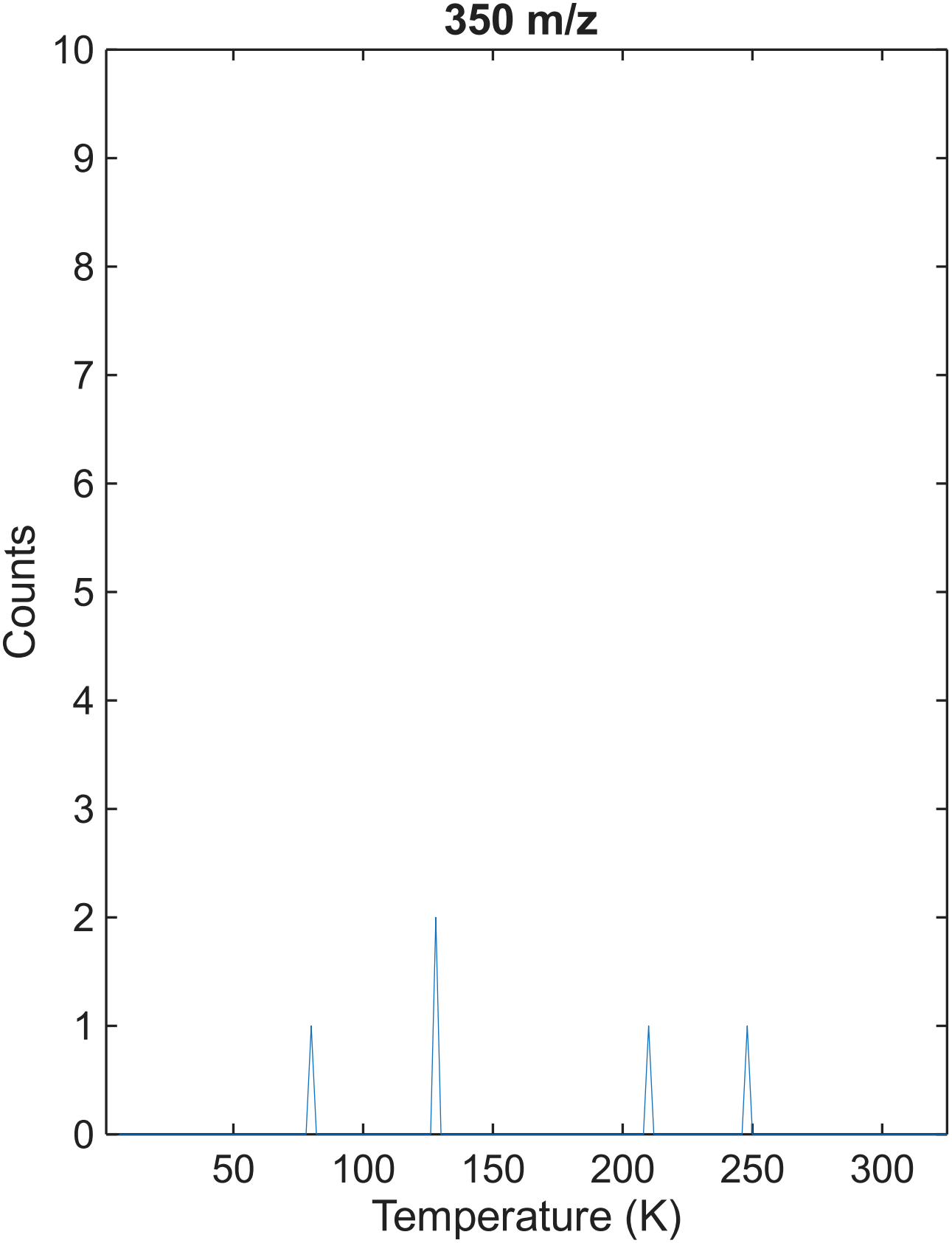
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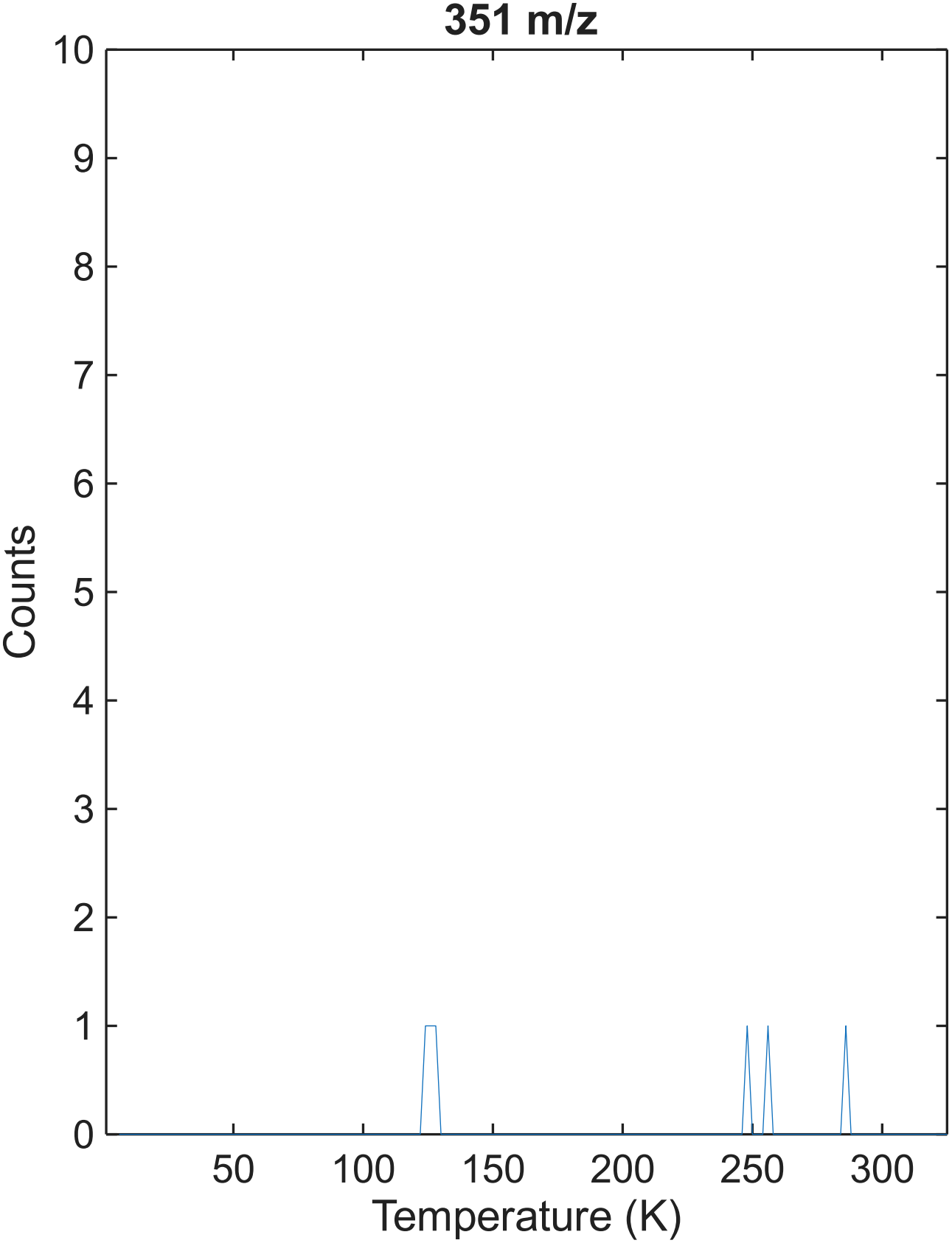
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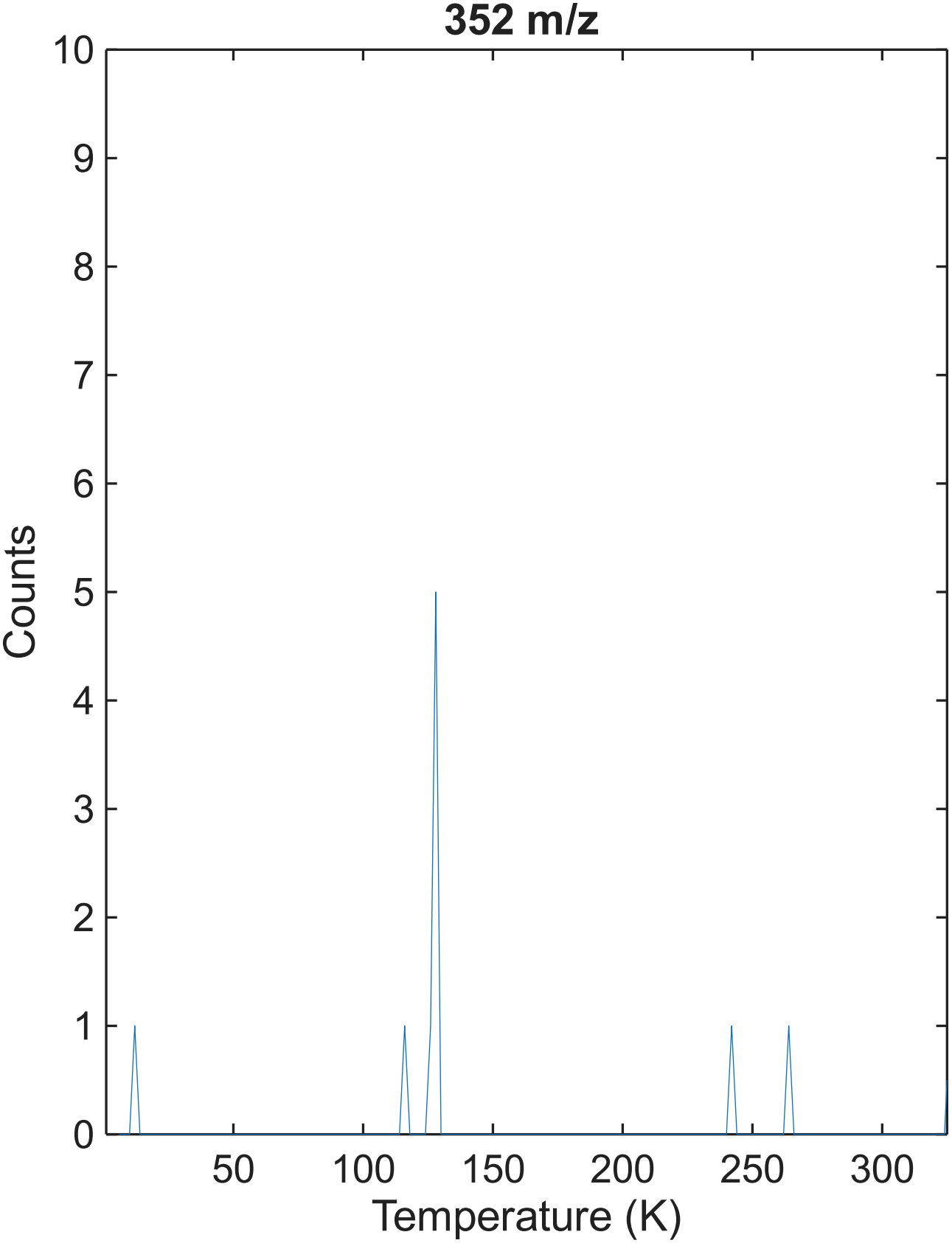
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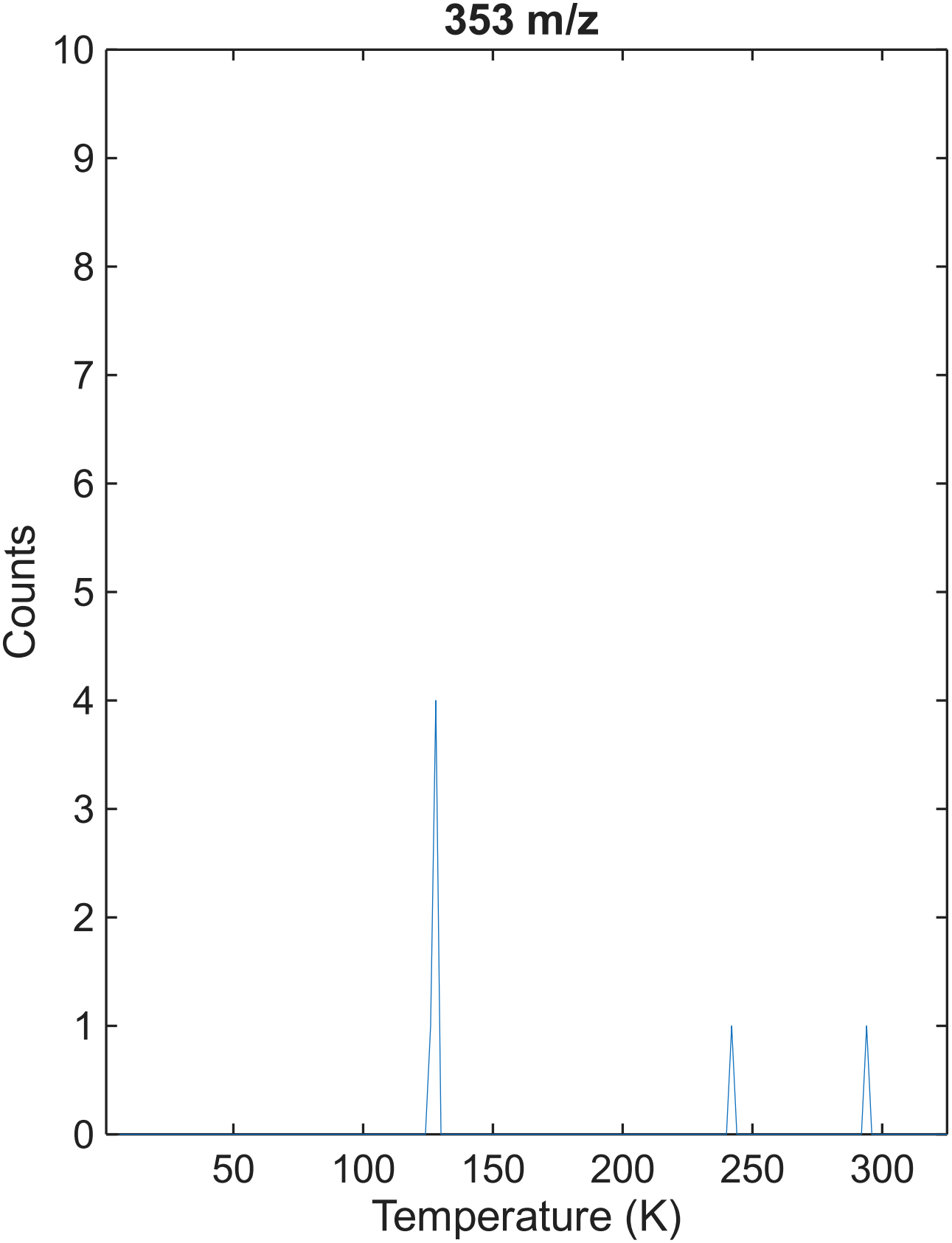
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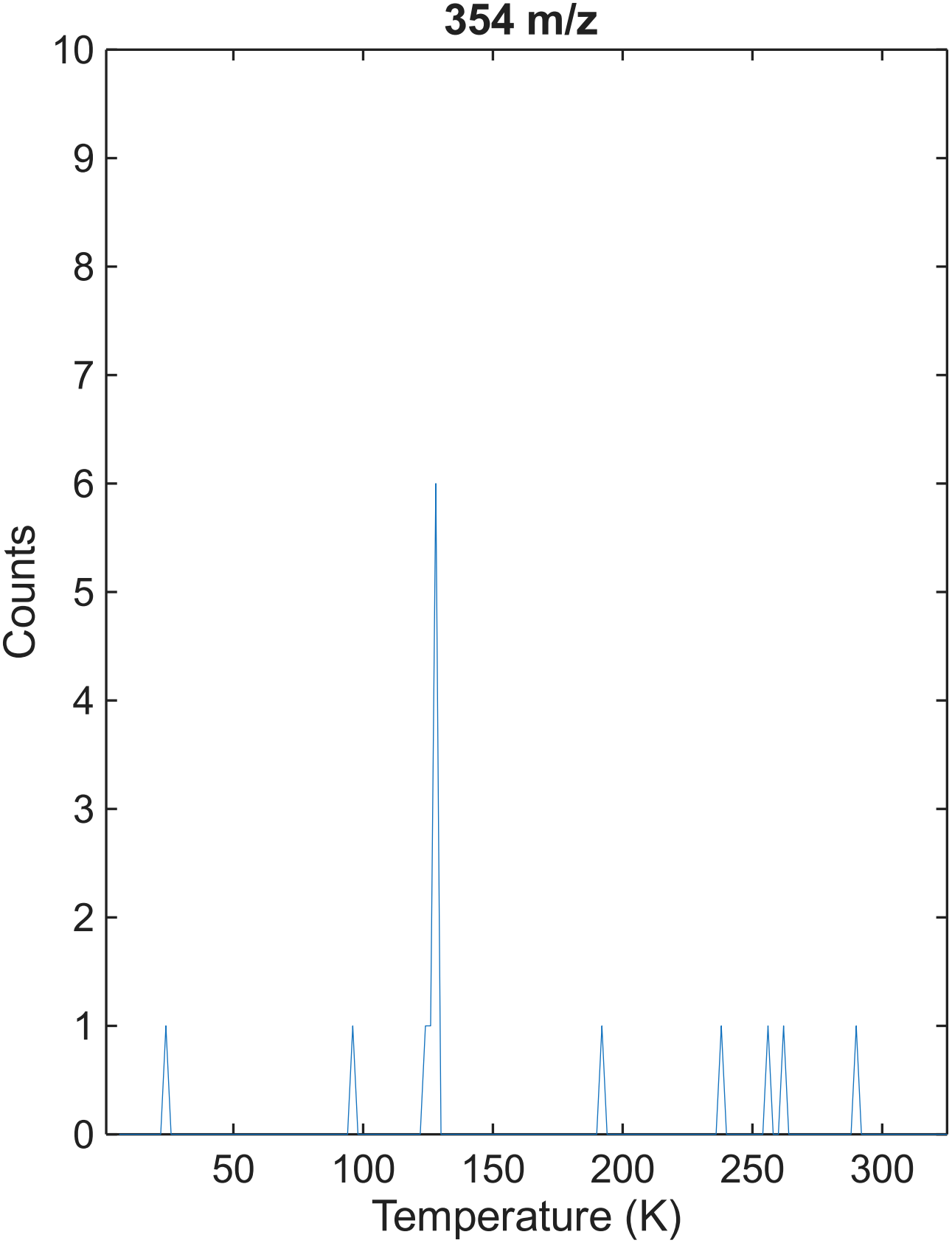
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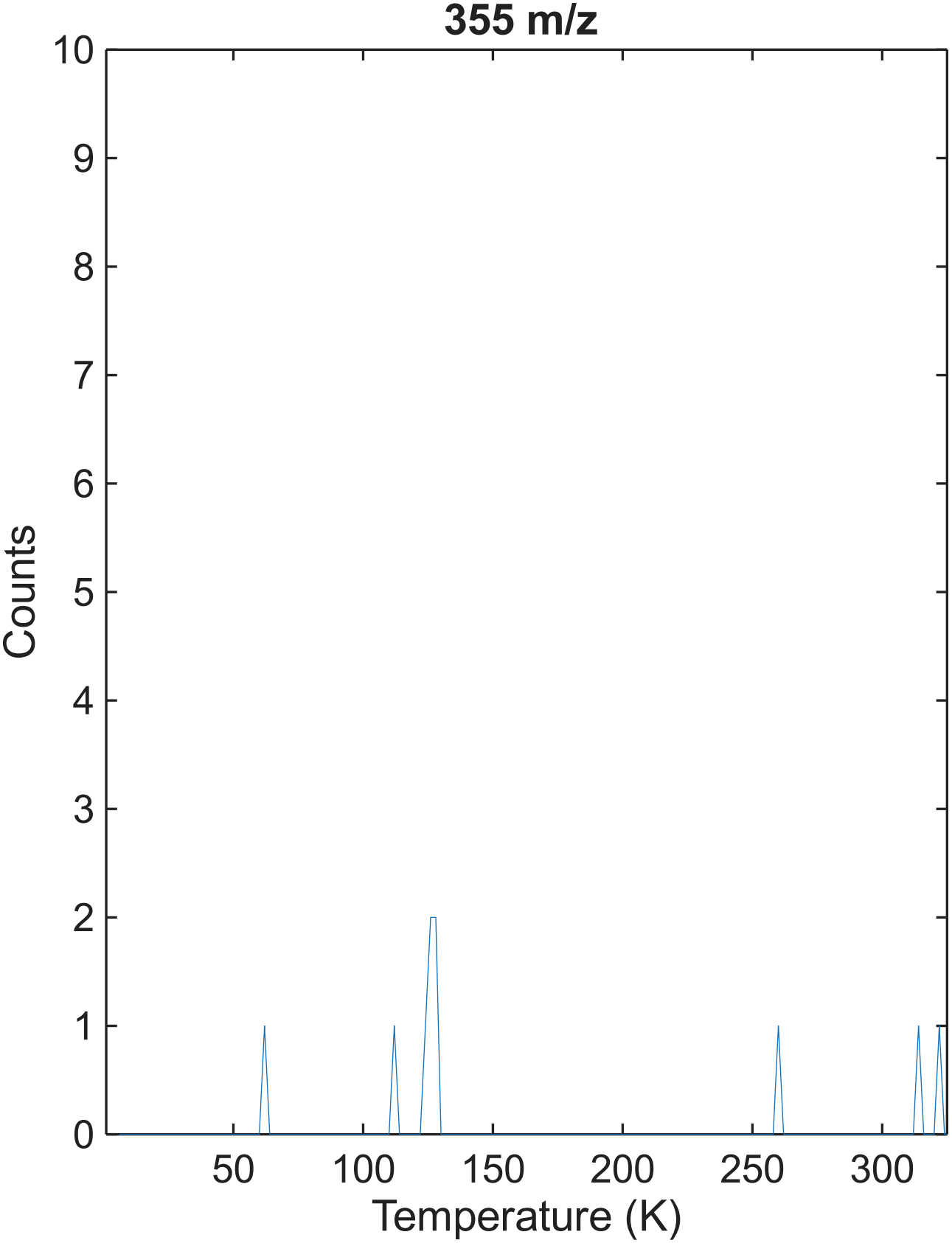
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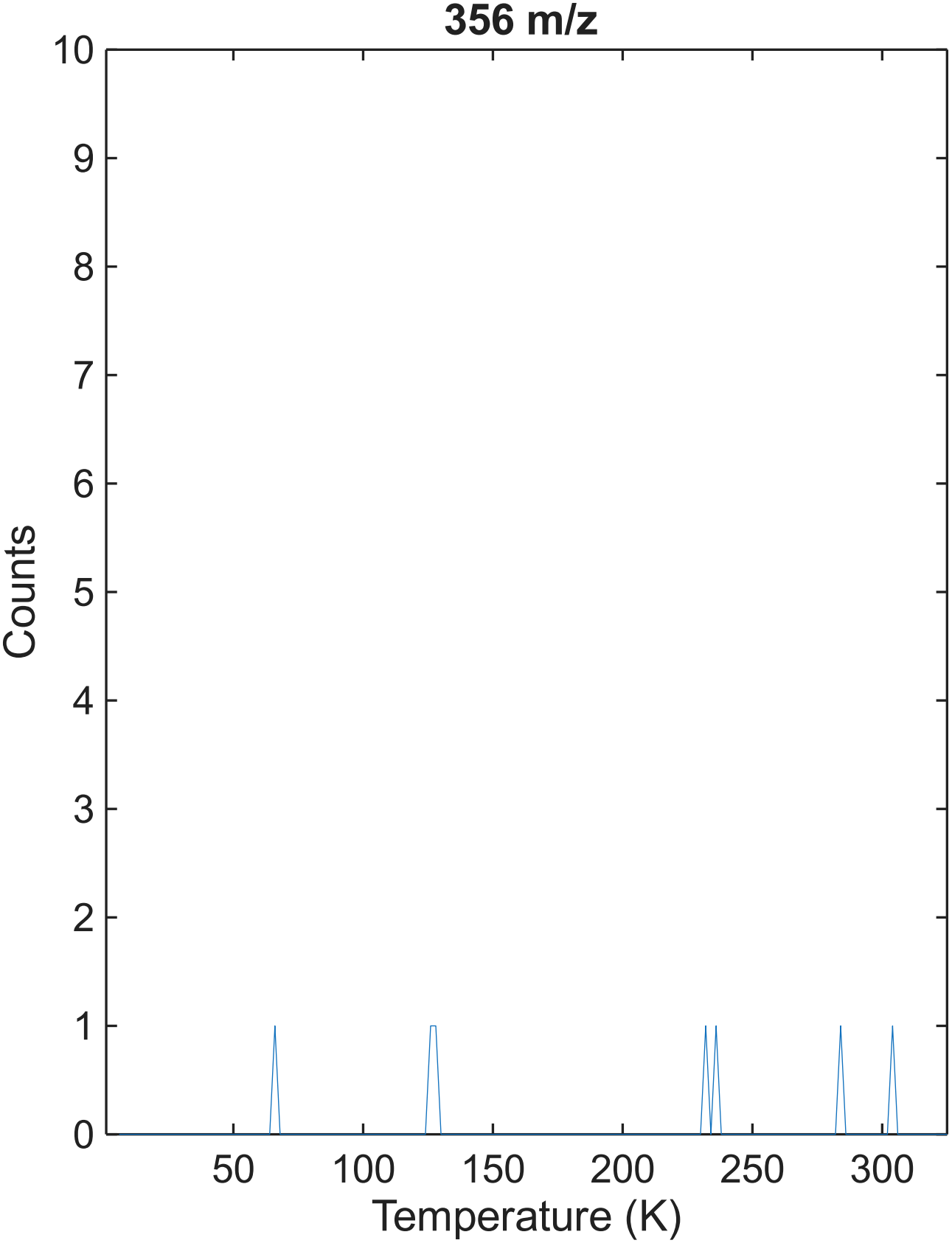
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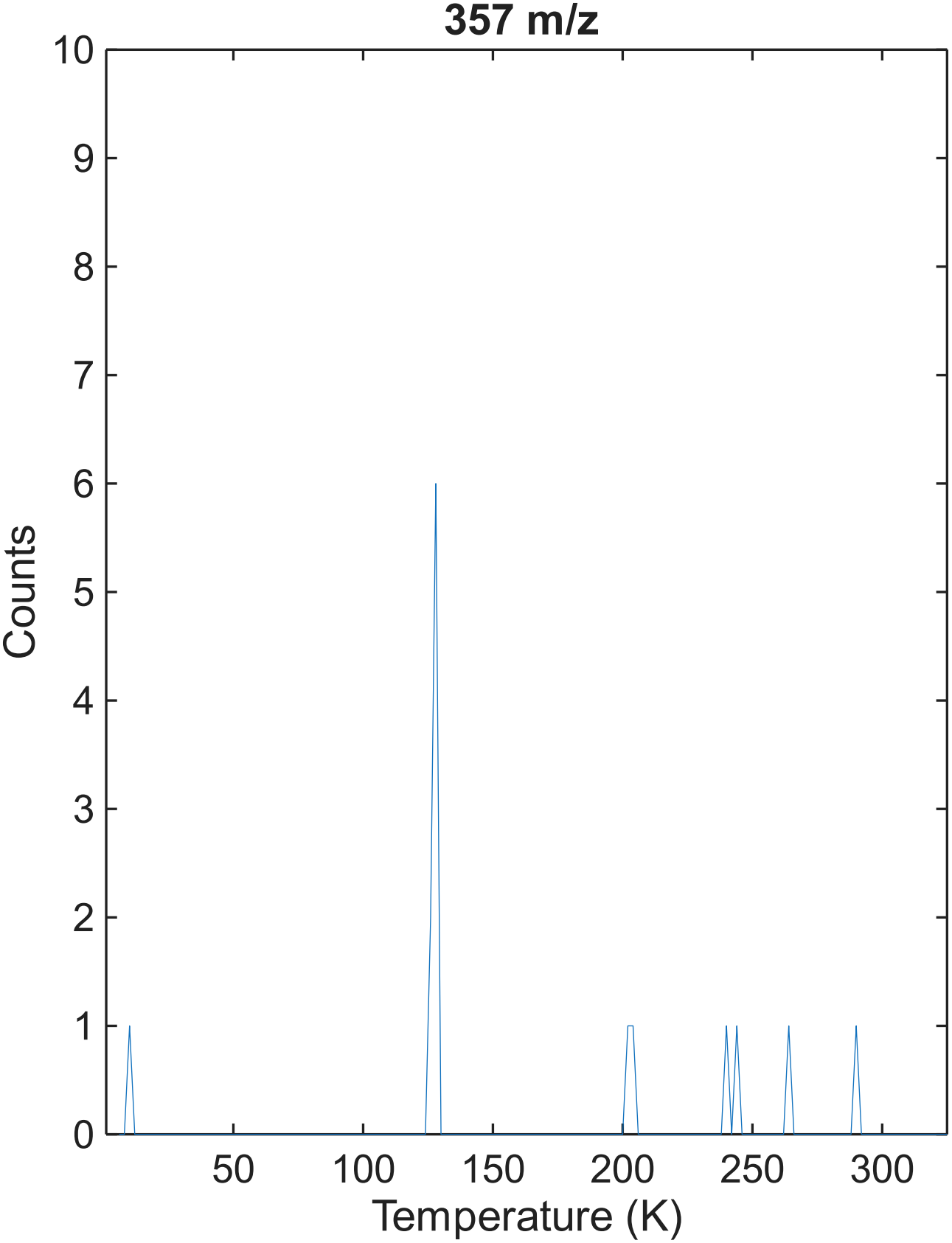
Temperature (K)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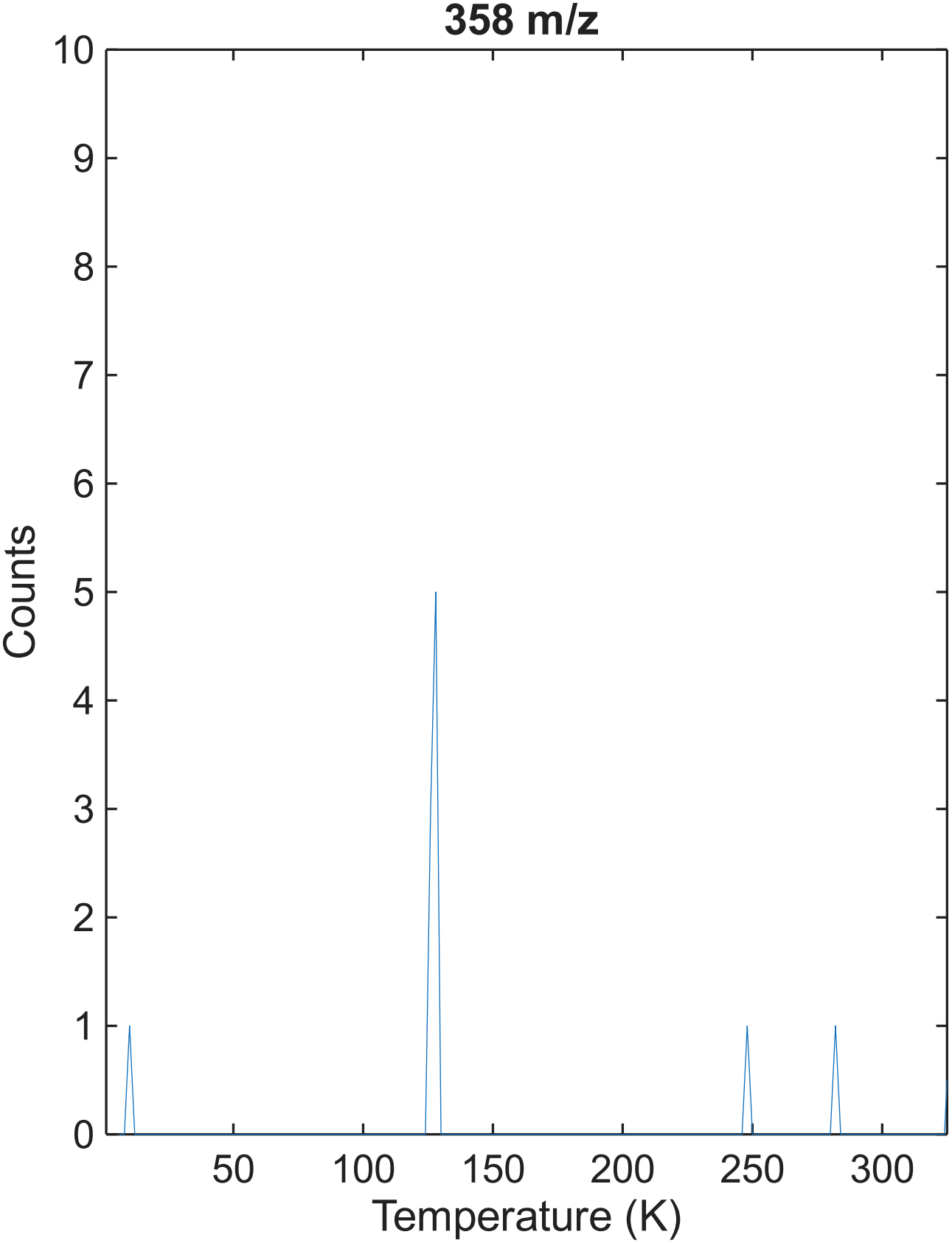
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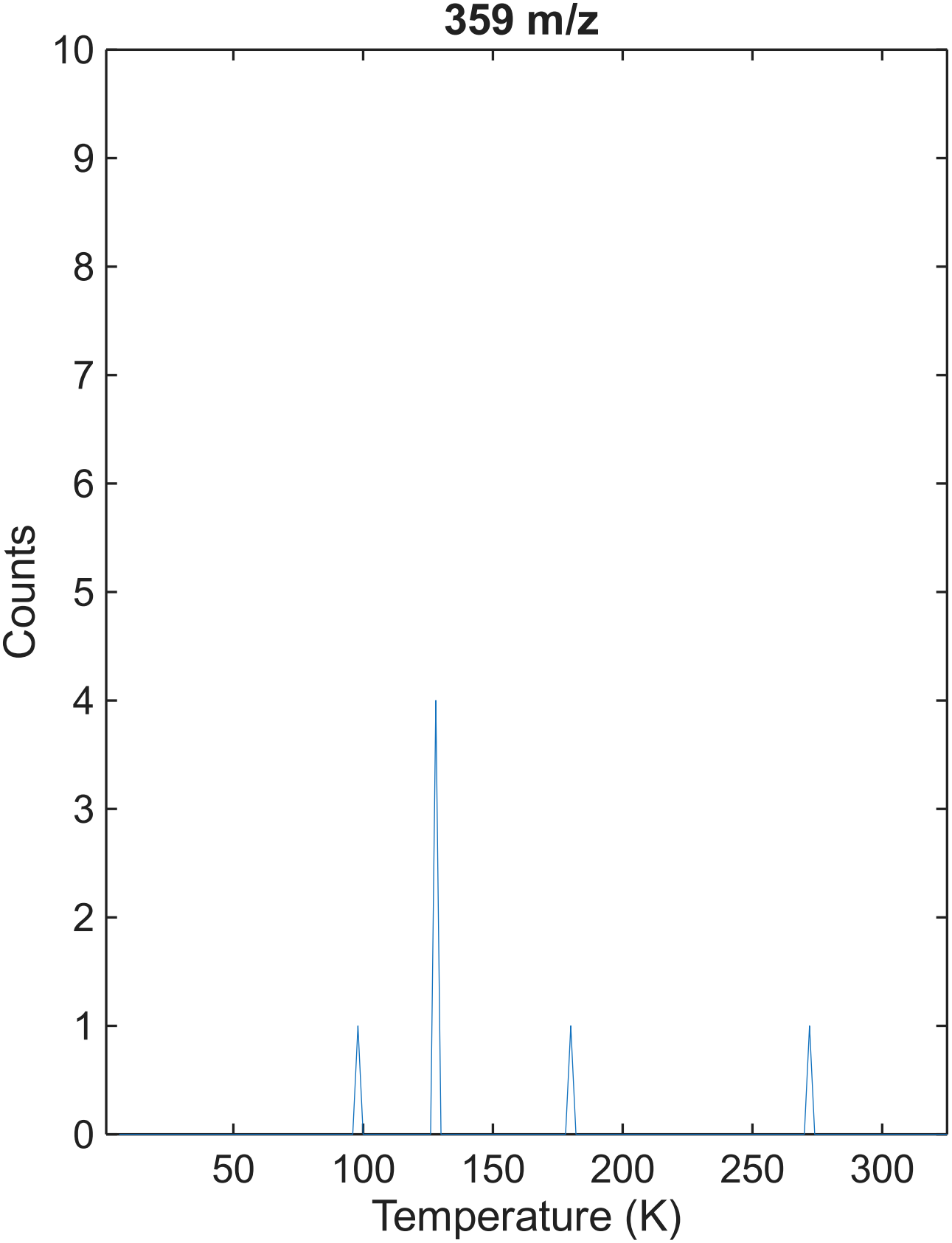
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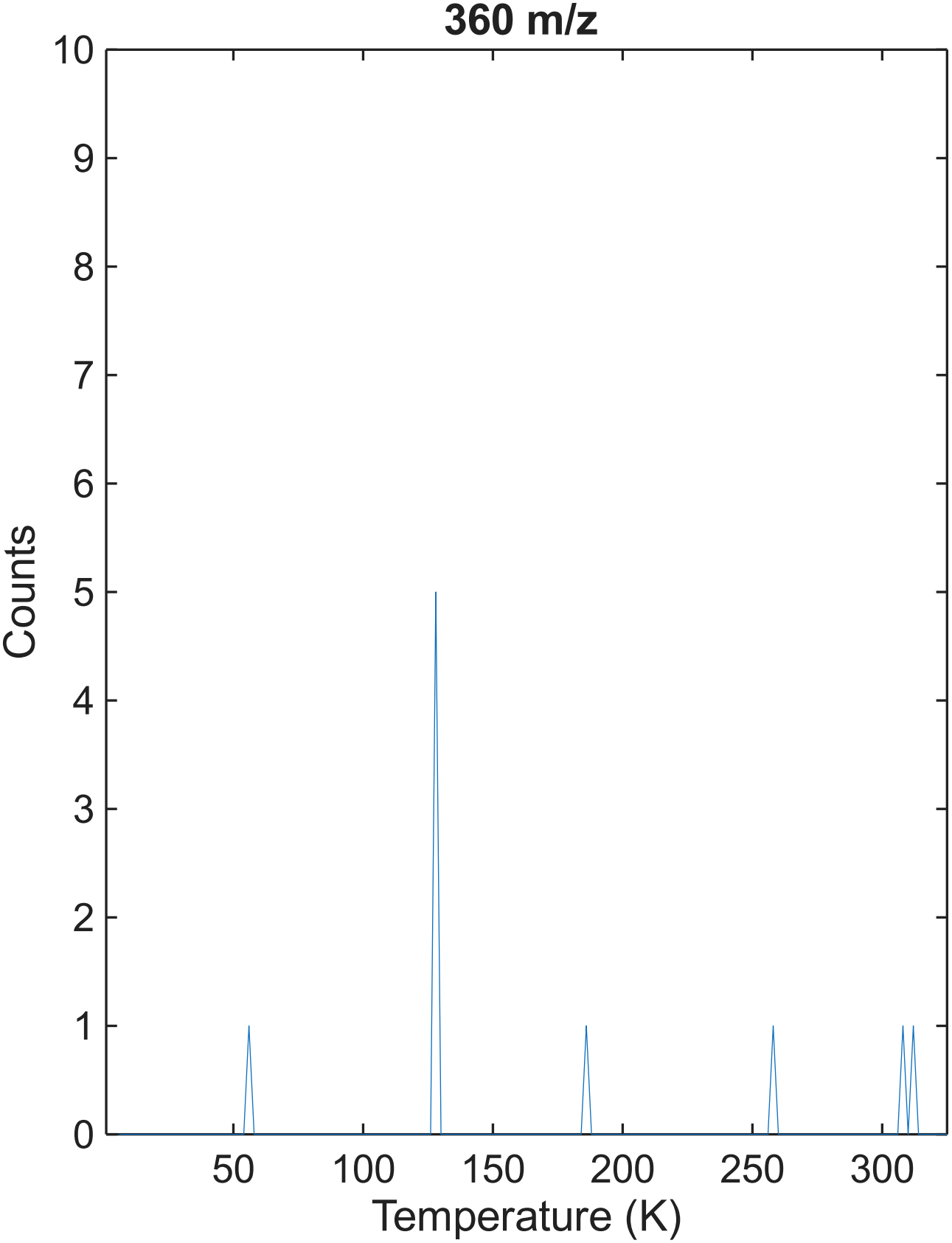
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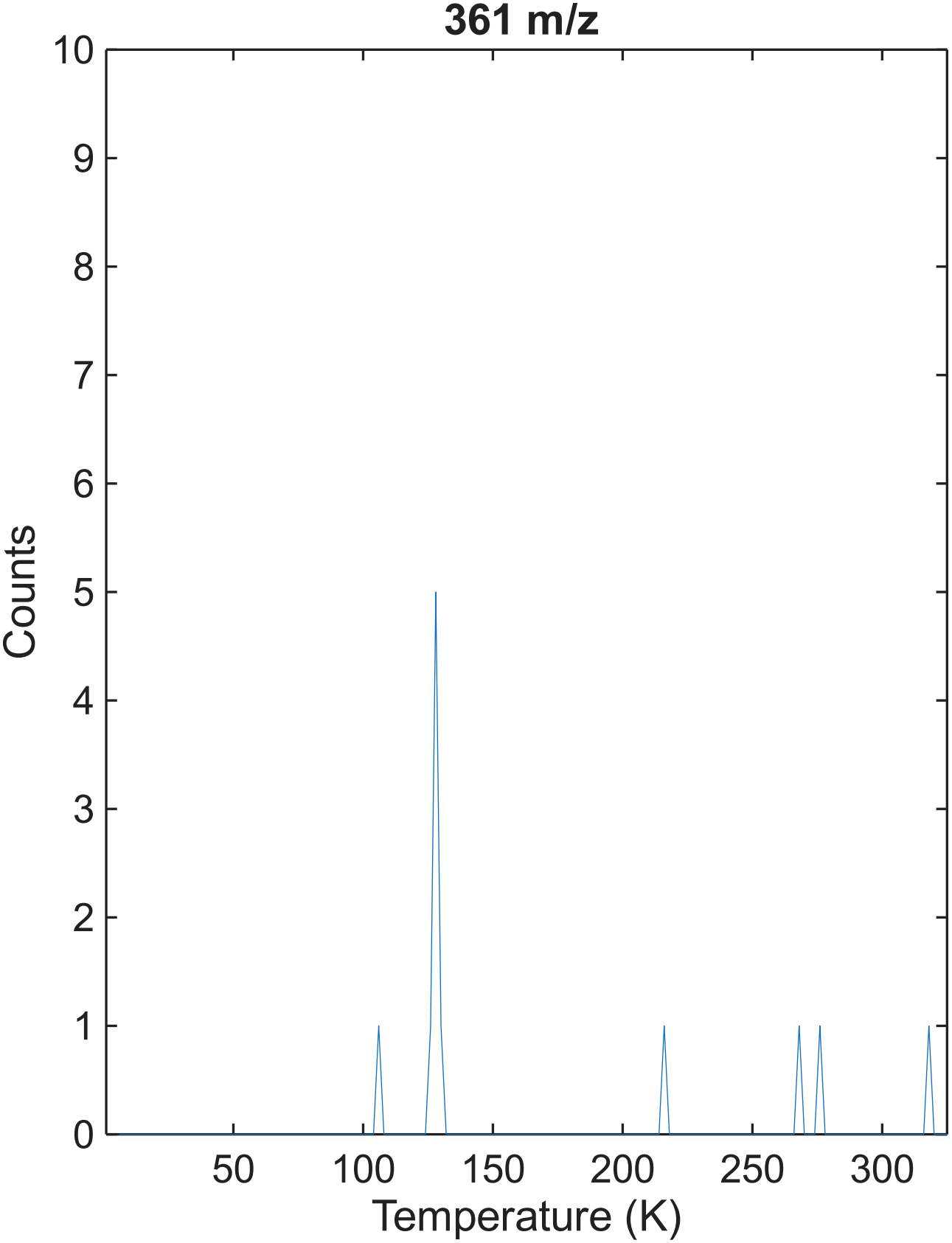
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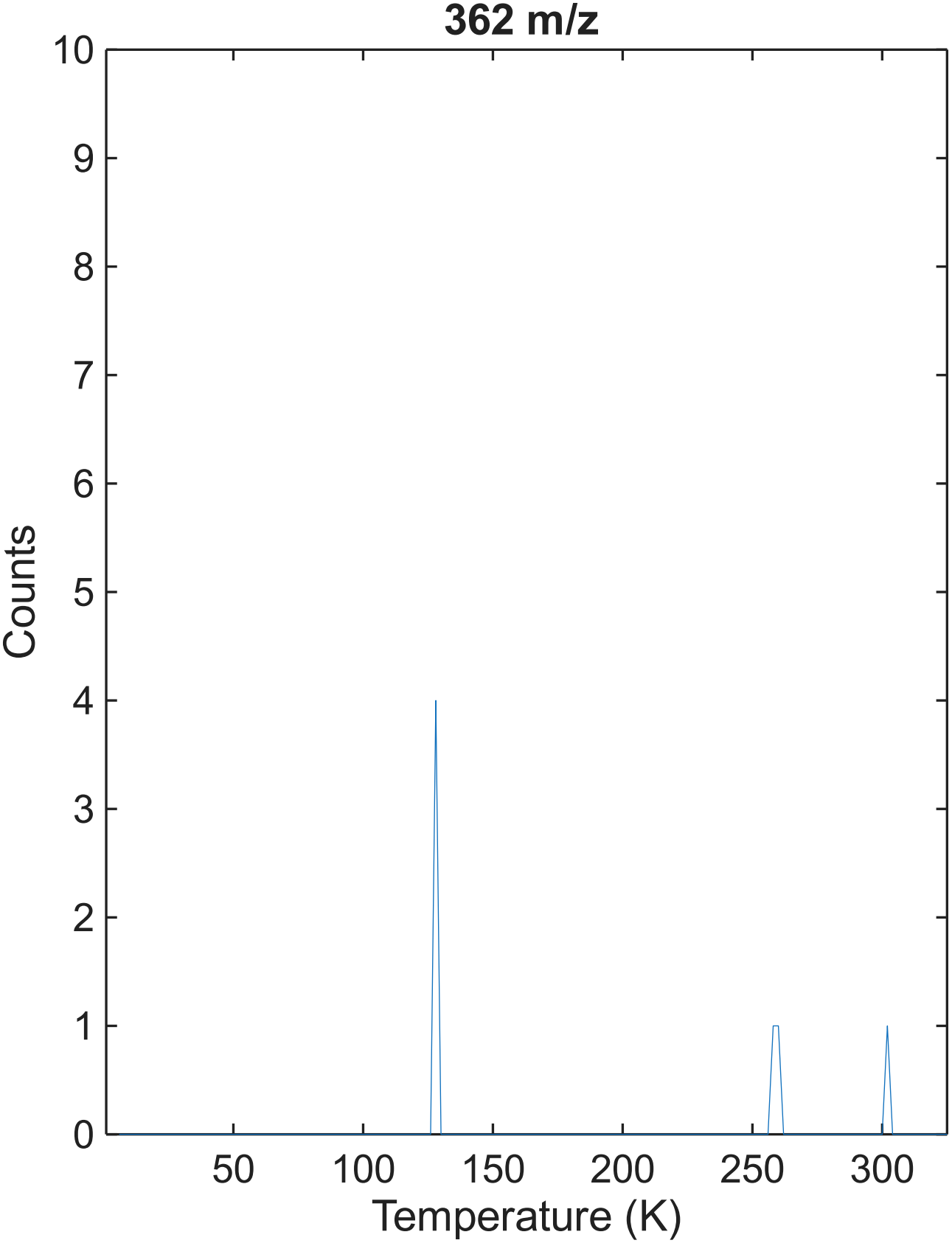
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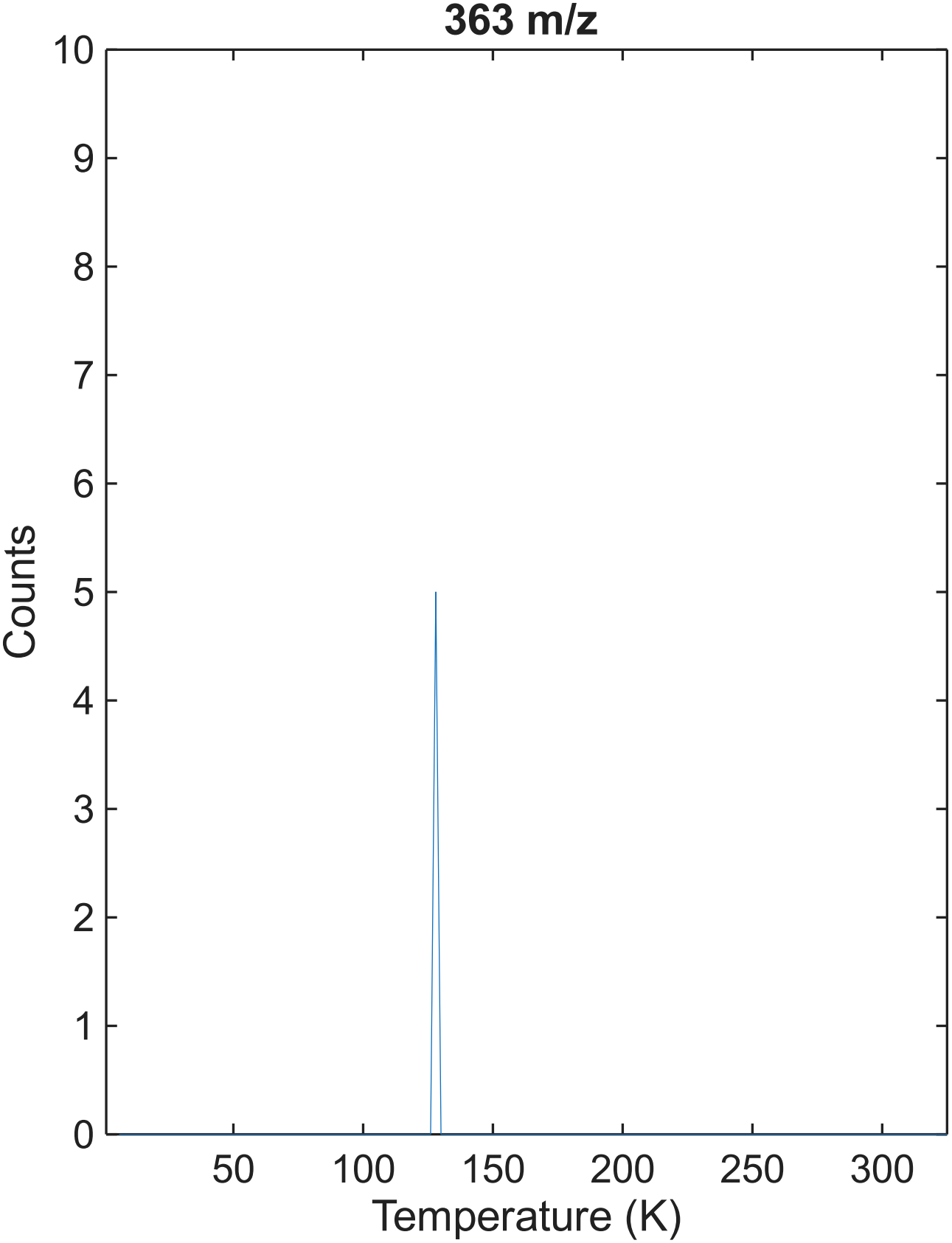
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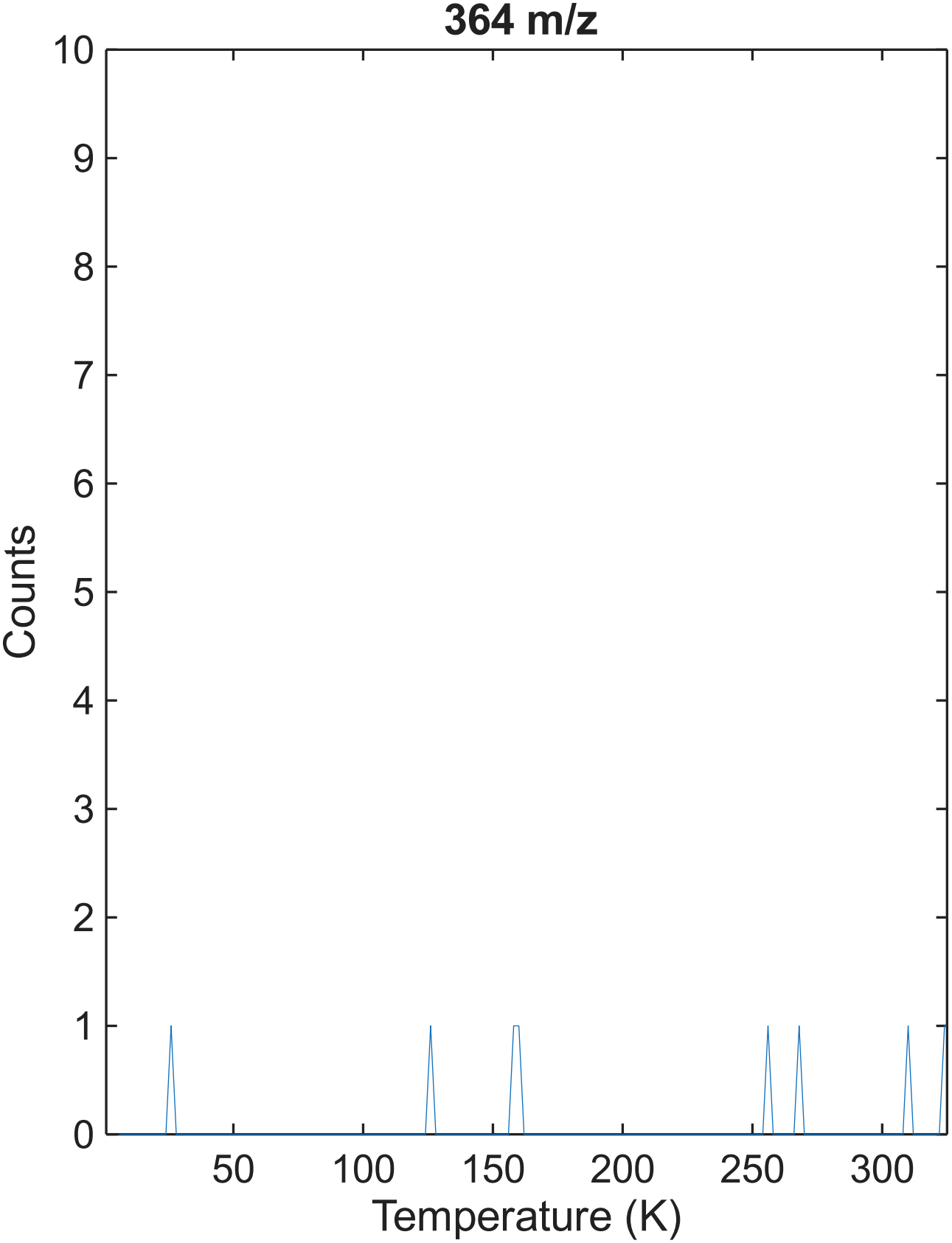
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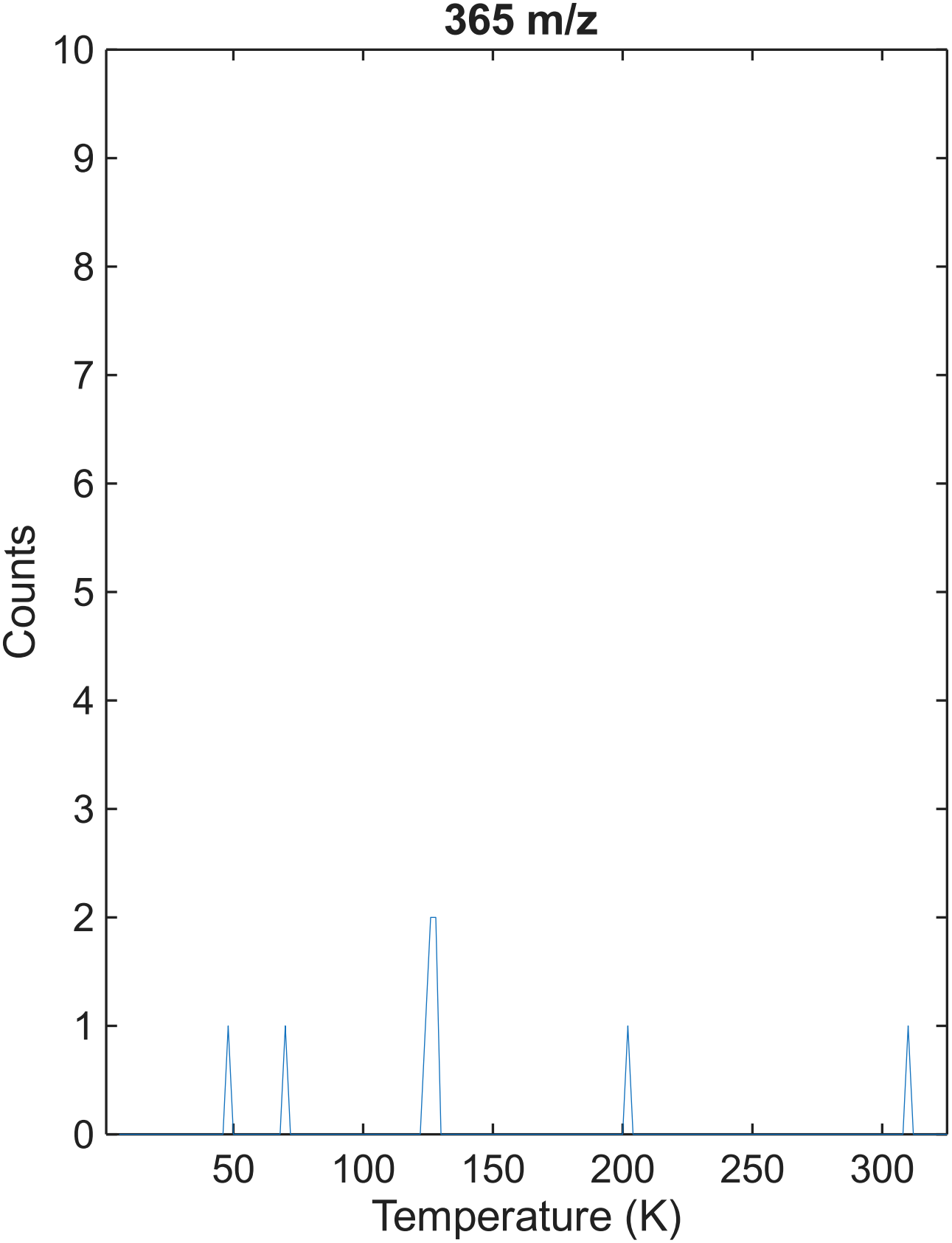
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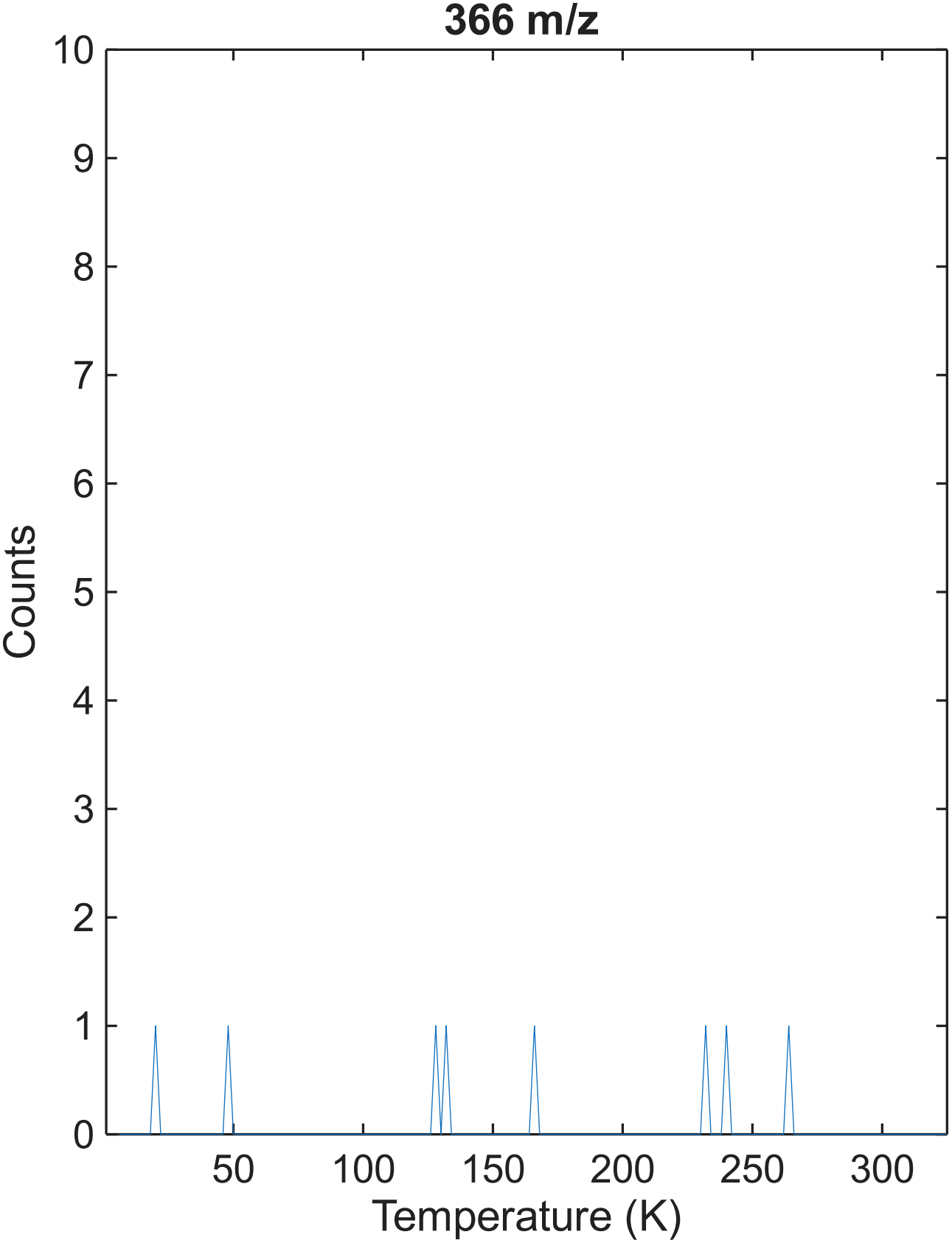
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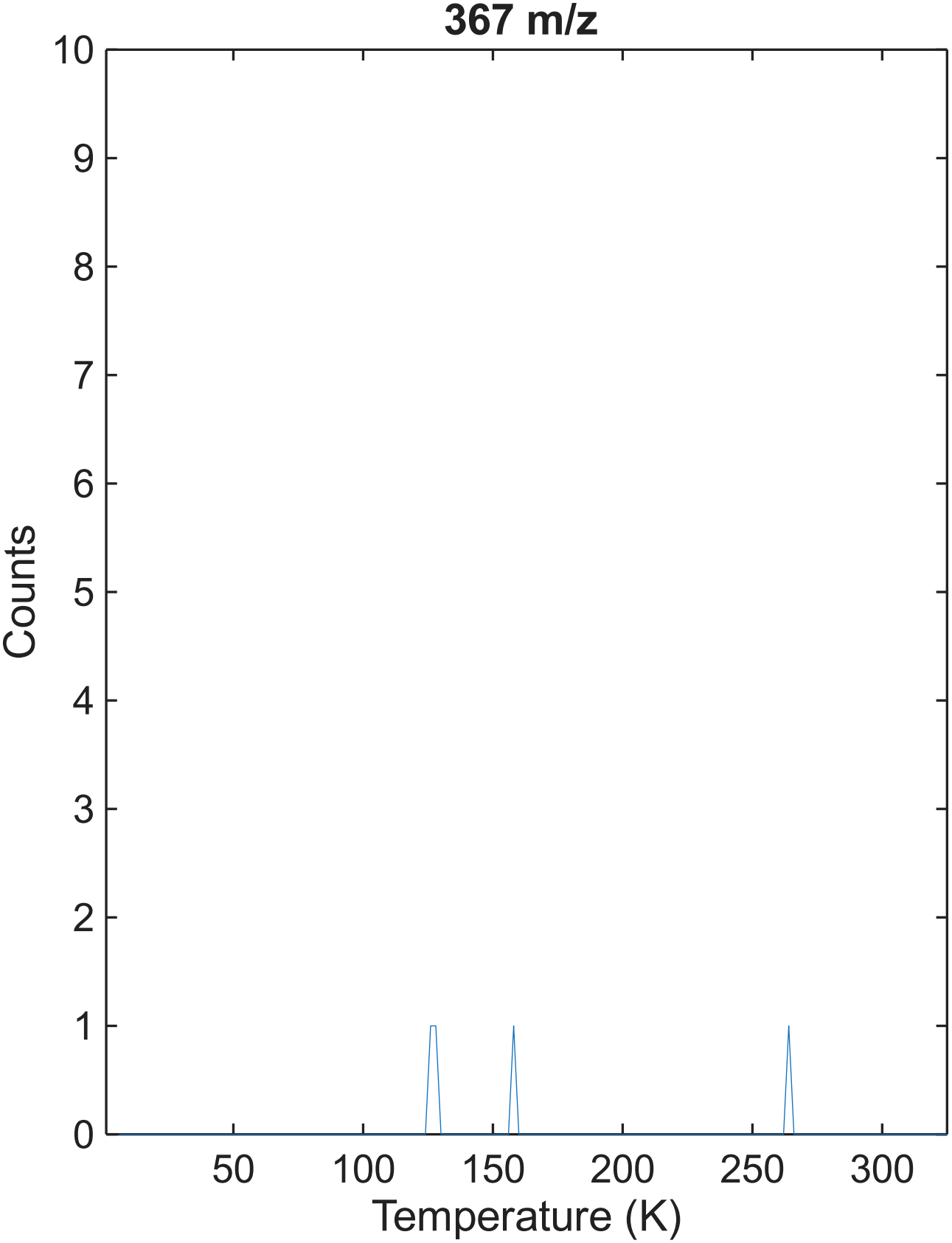
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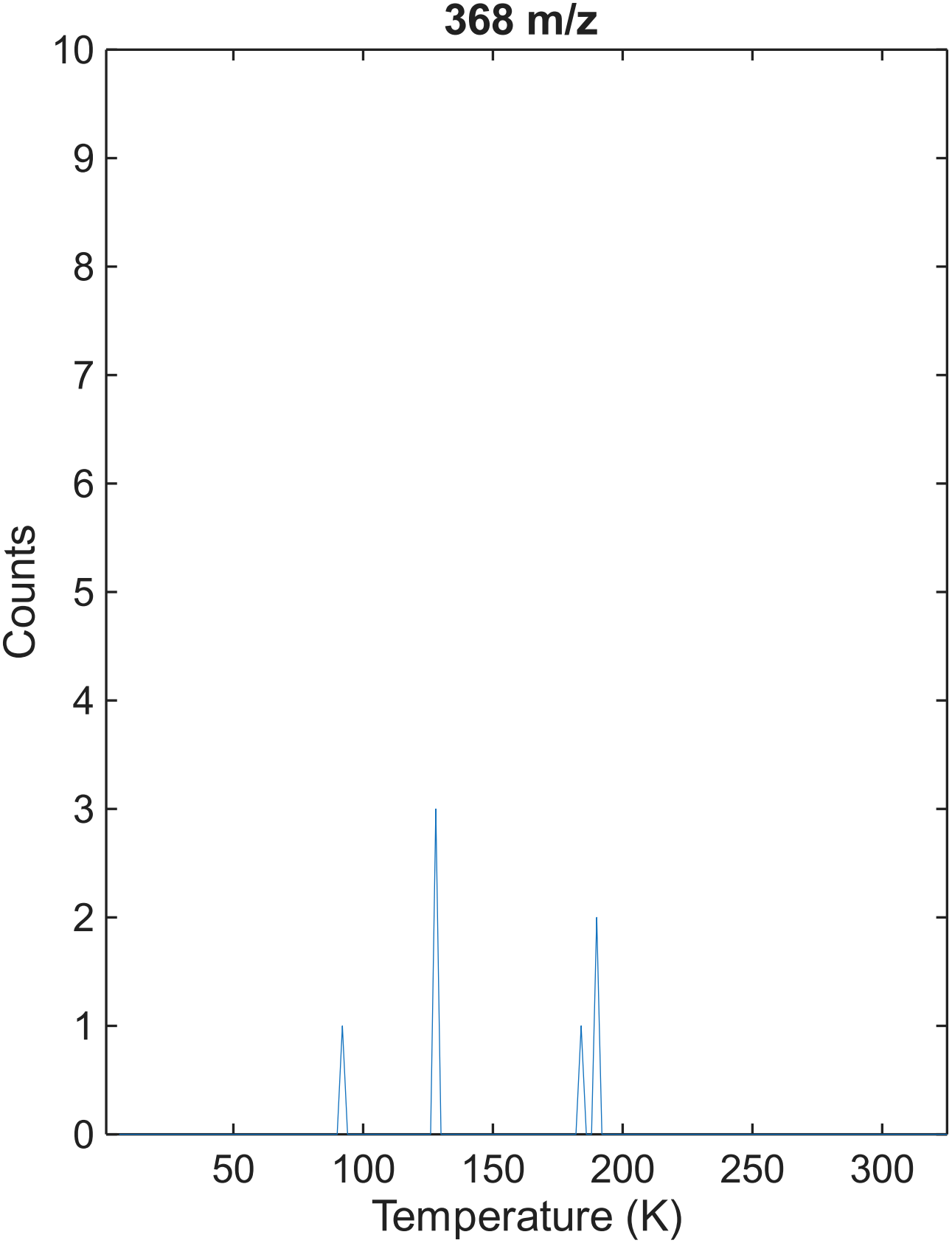
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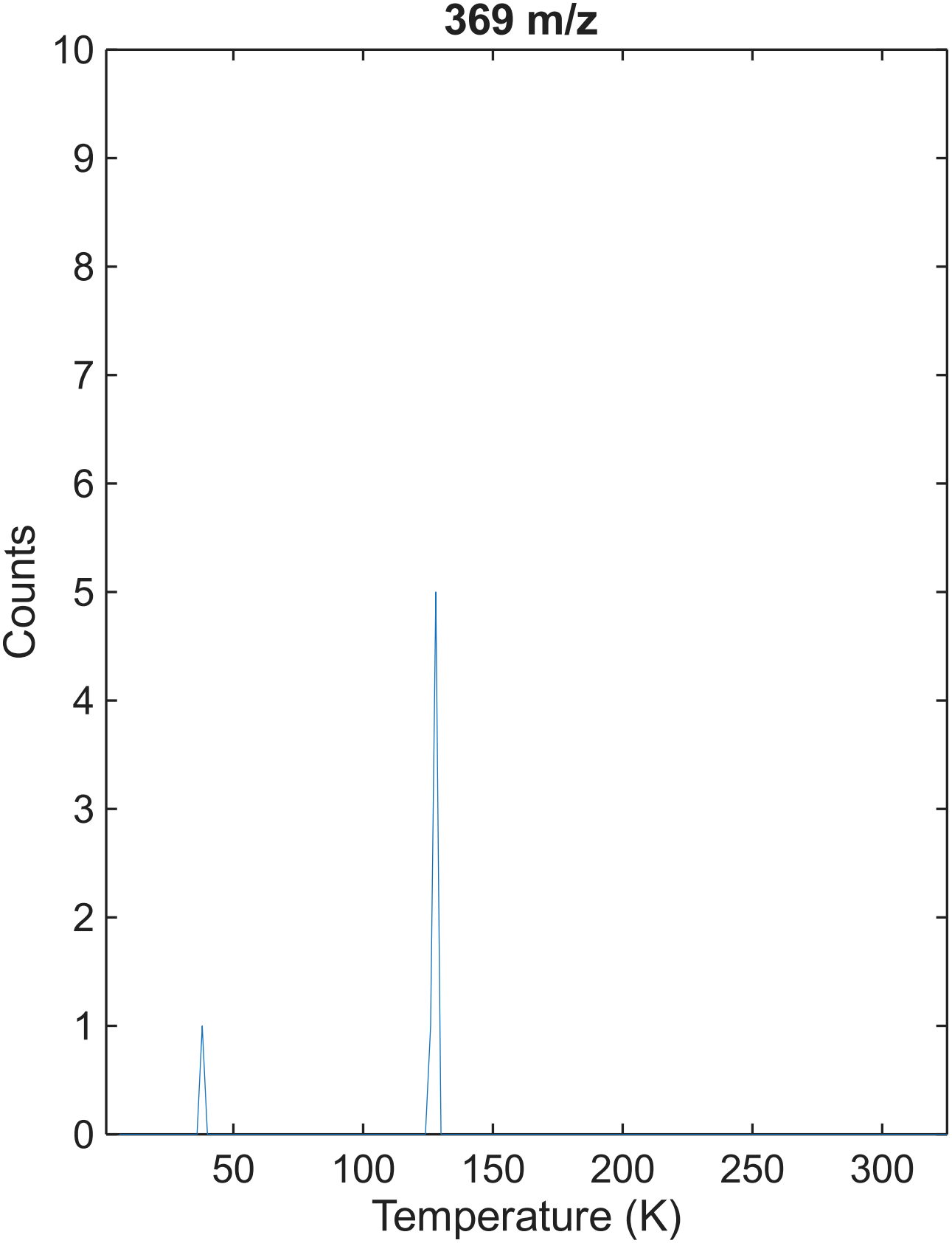
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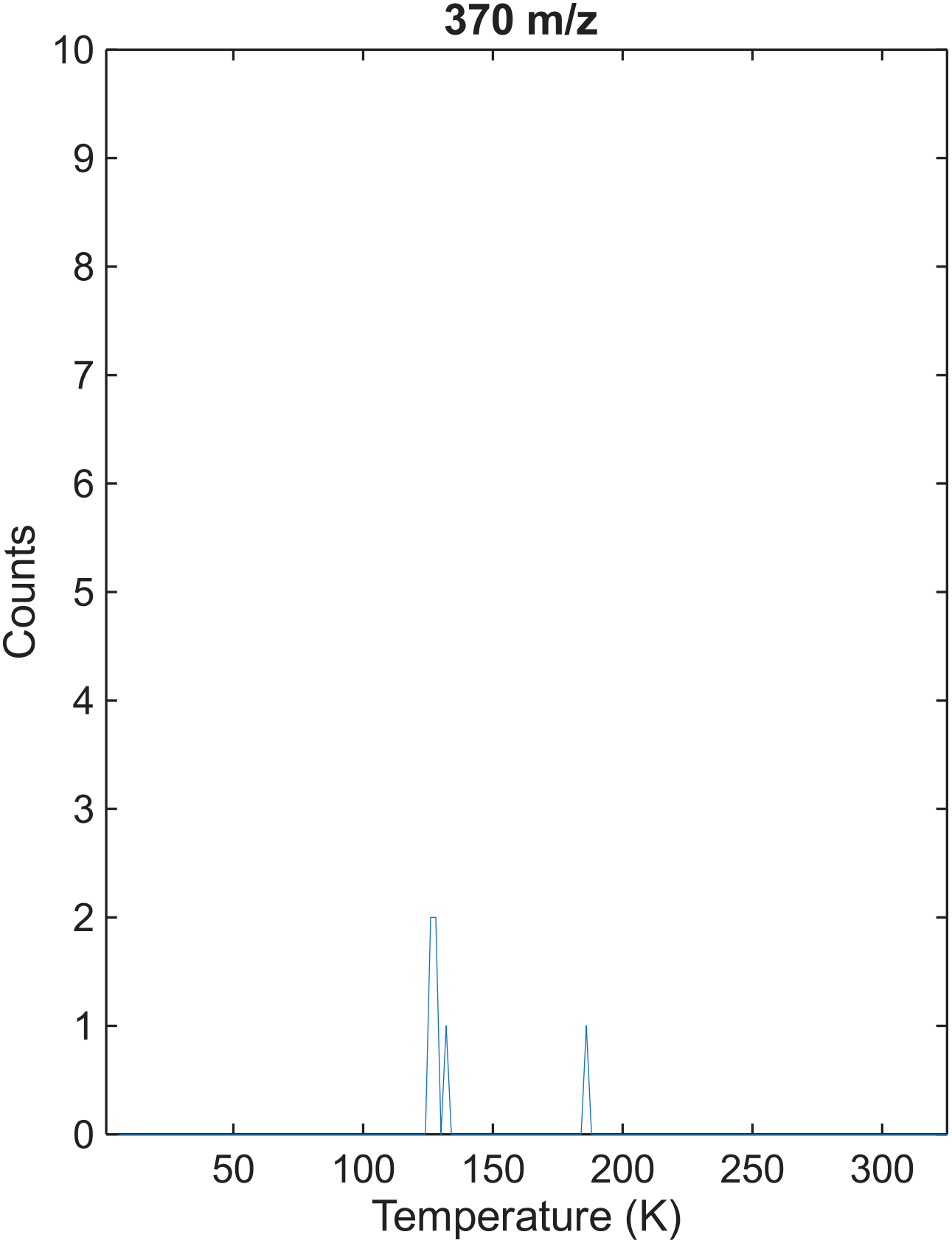
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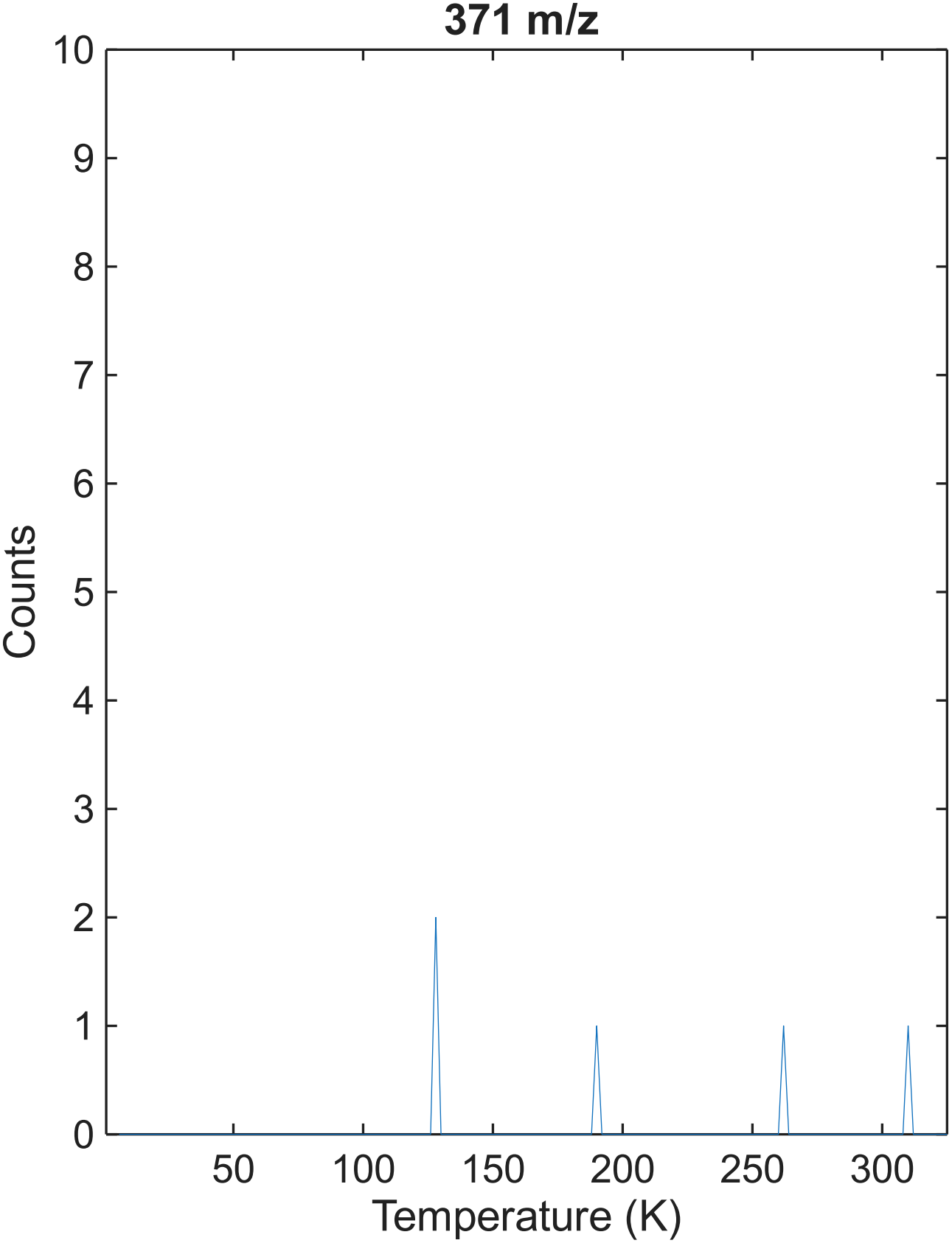
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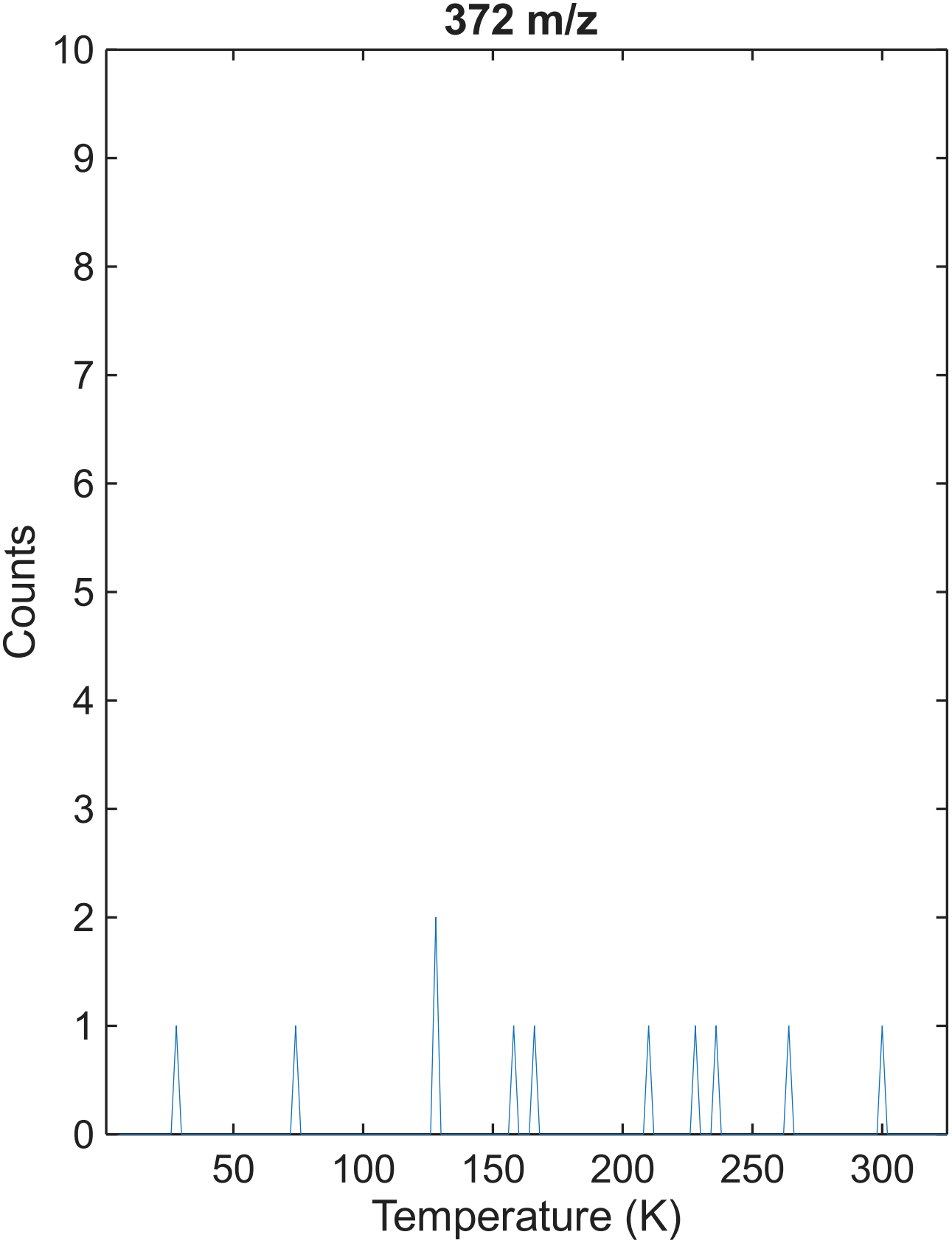
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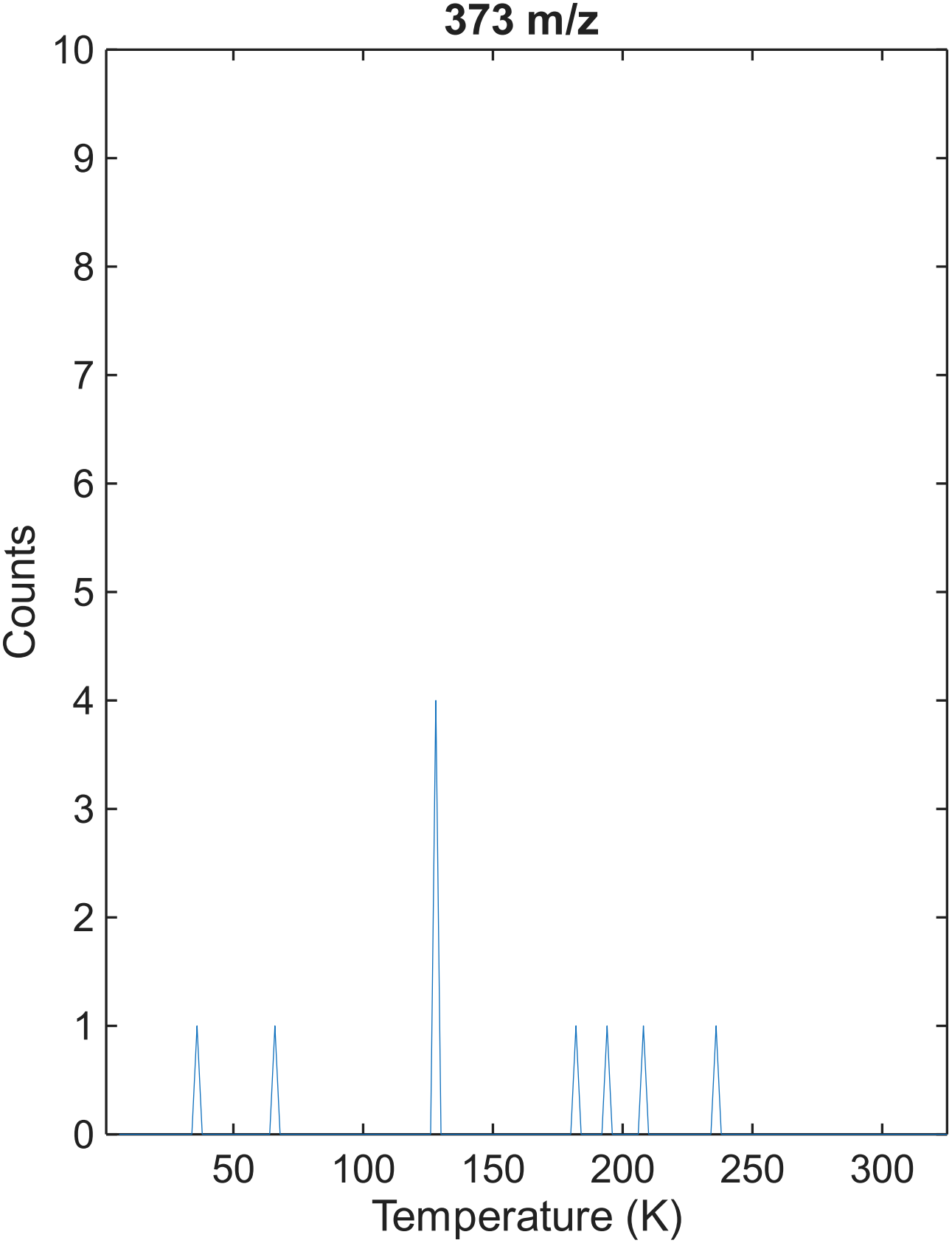
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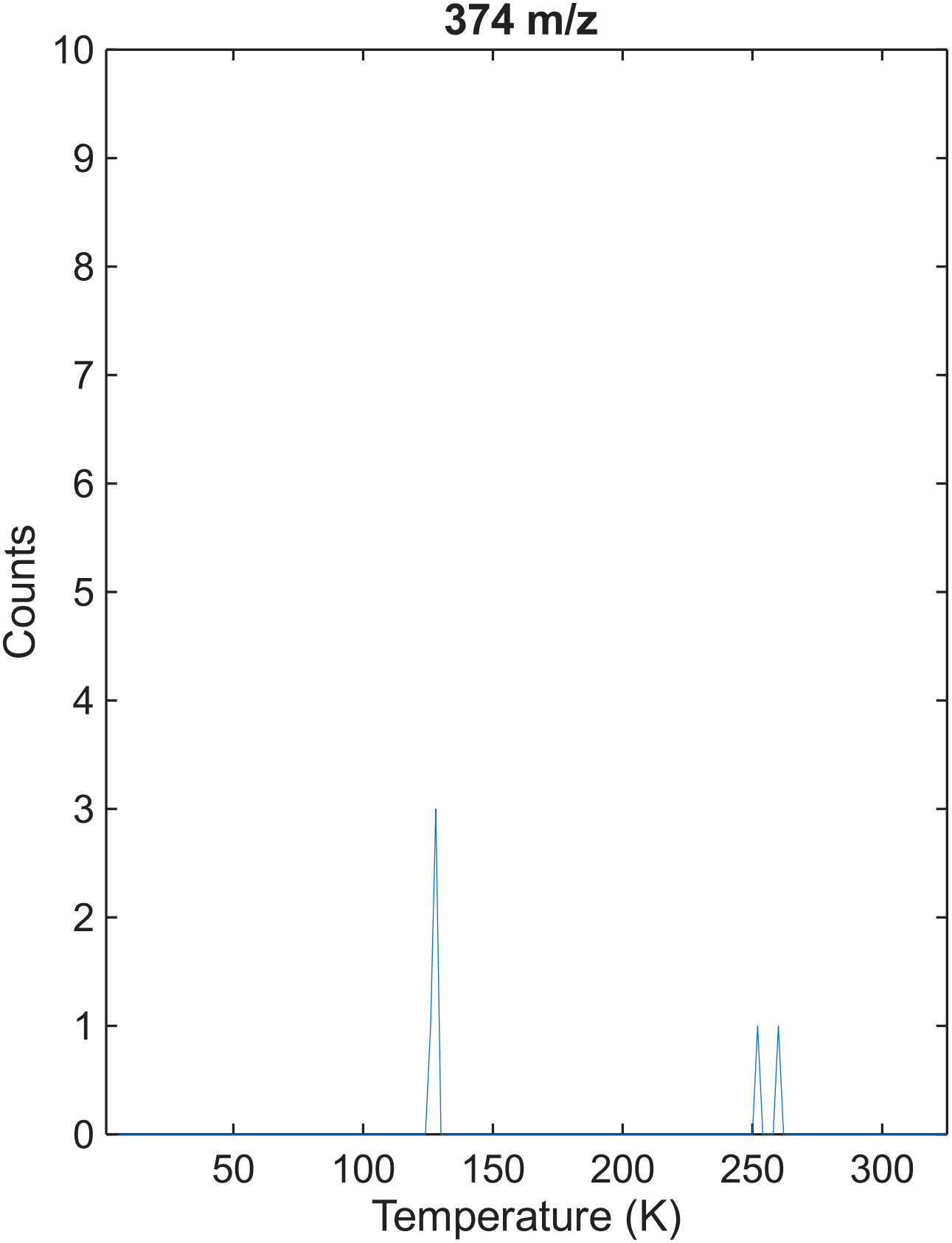
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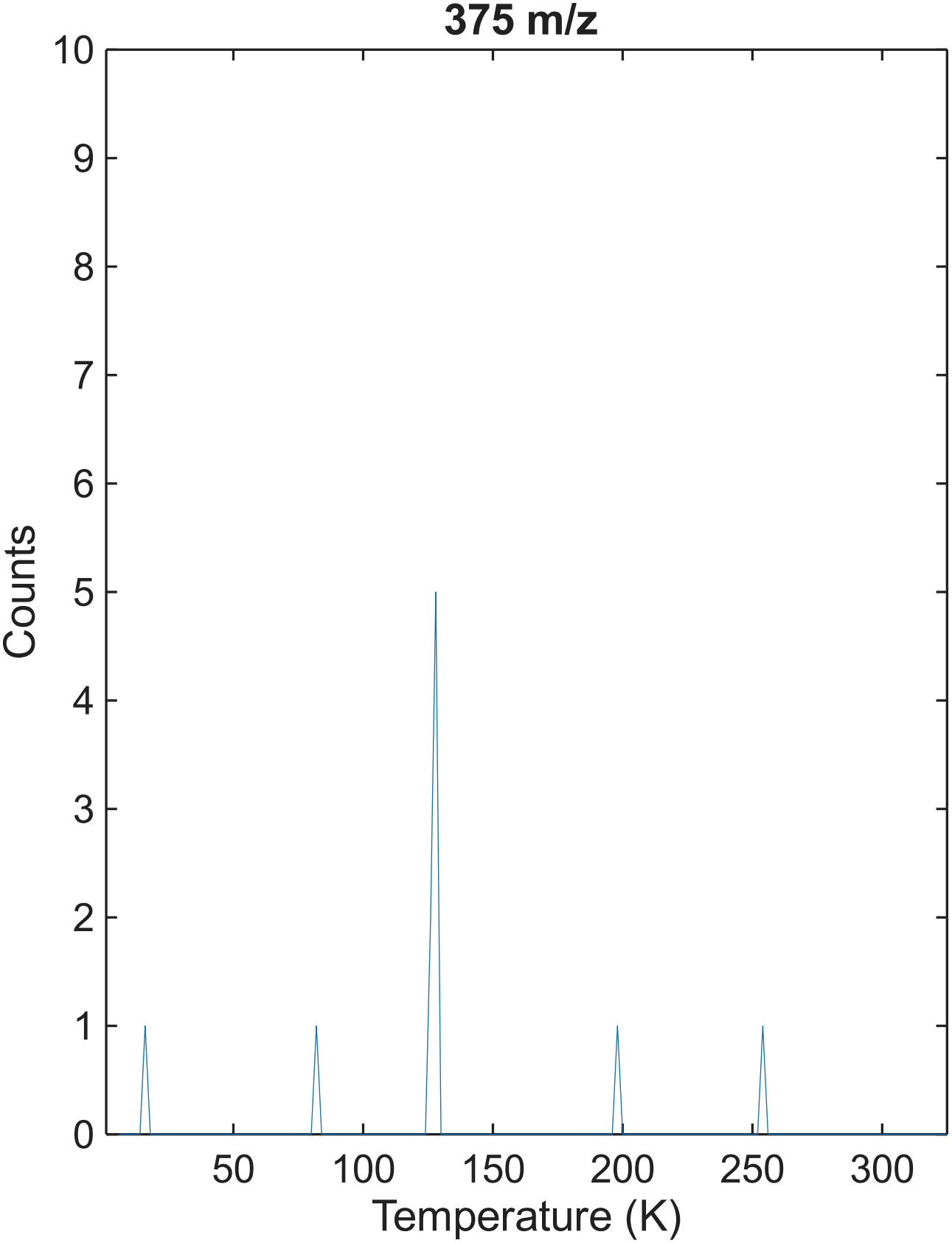
375 m/z
Counts
Temperature (K)
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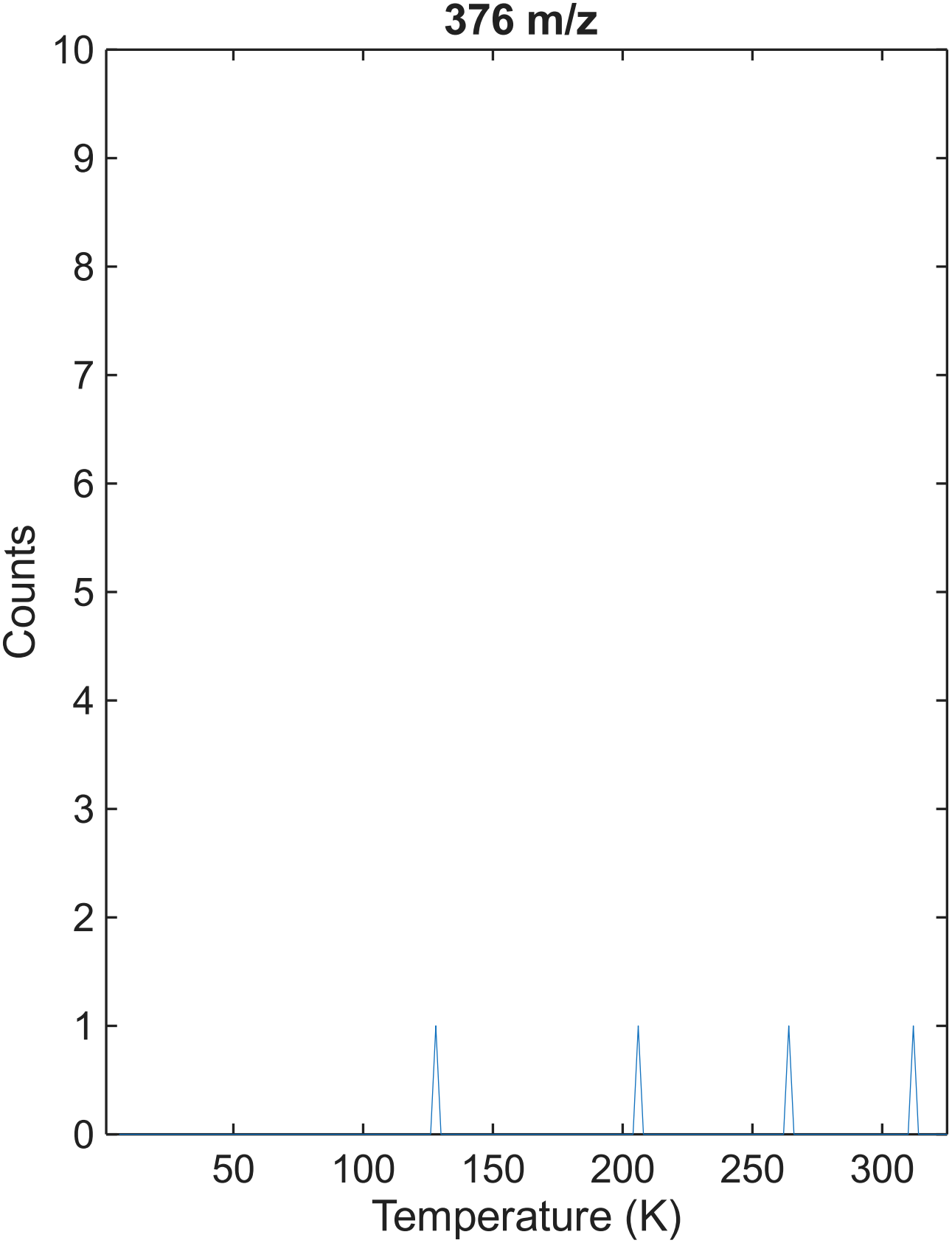
376 m/z
Counts
Temperature (K)
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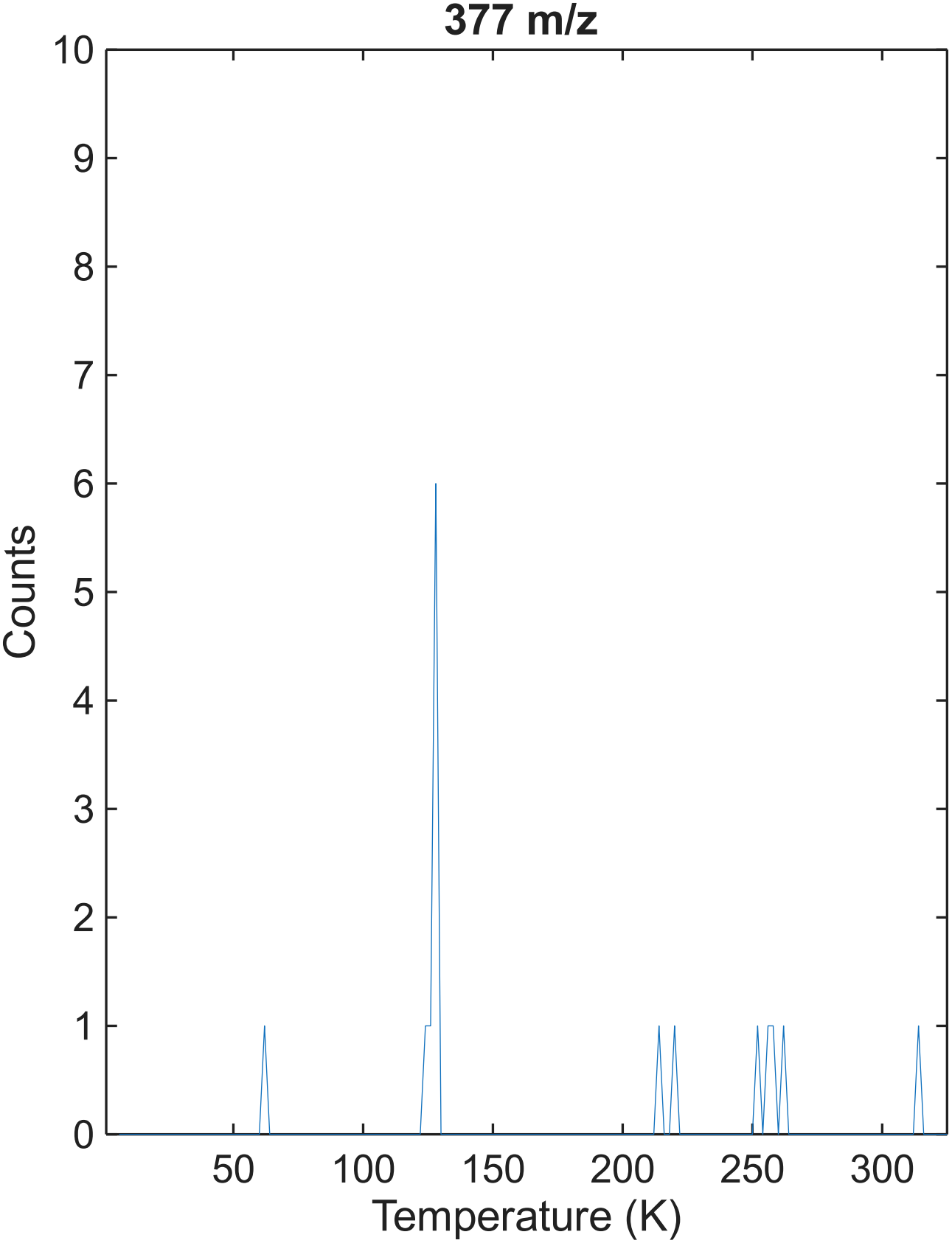
377 m/z
Counts
Temperature (K)
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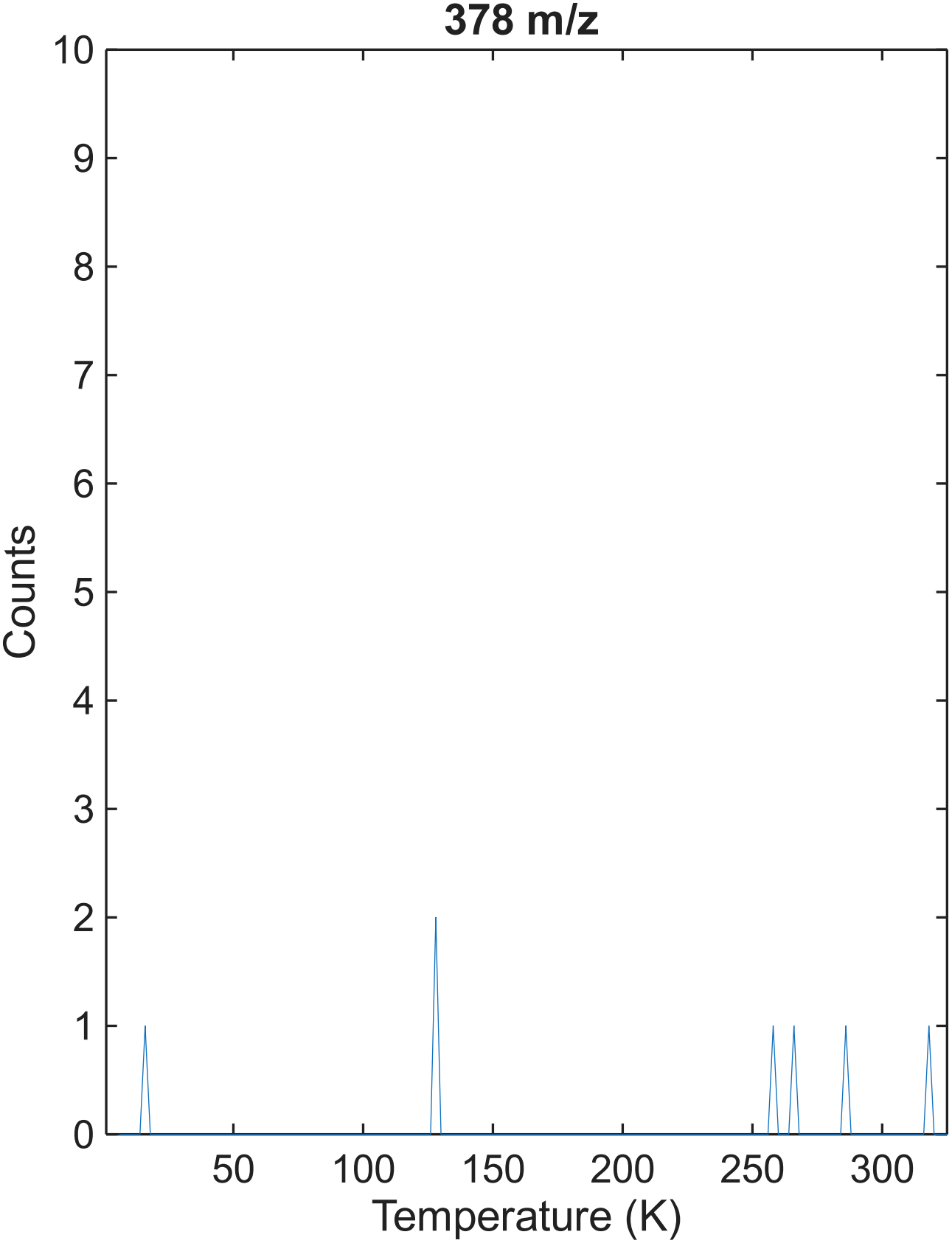
378 m/z
Counts
Temperature (K)
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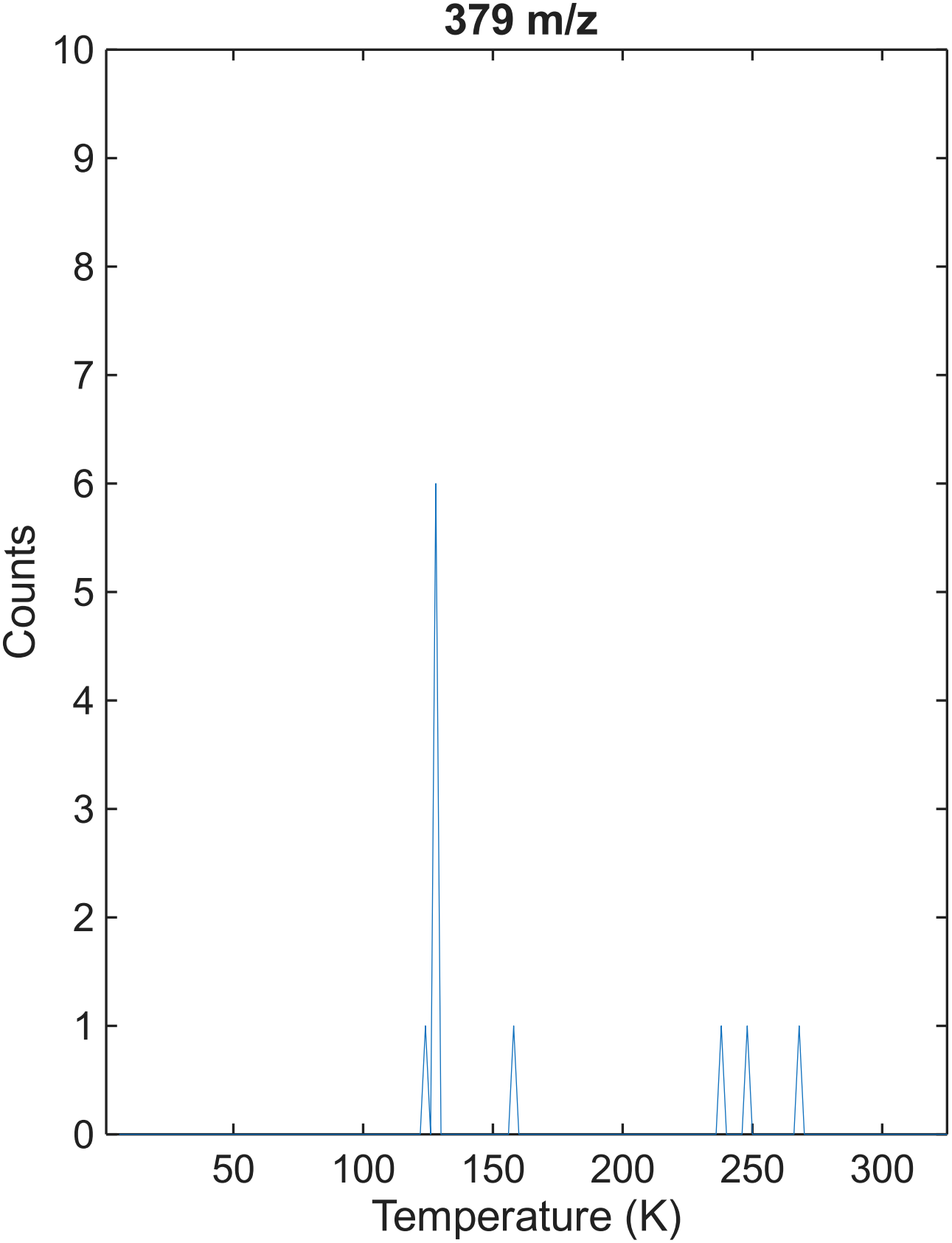
379 m/z
Counts
Temperature (K)
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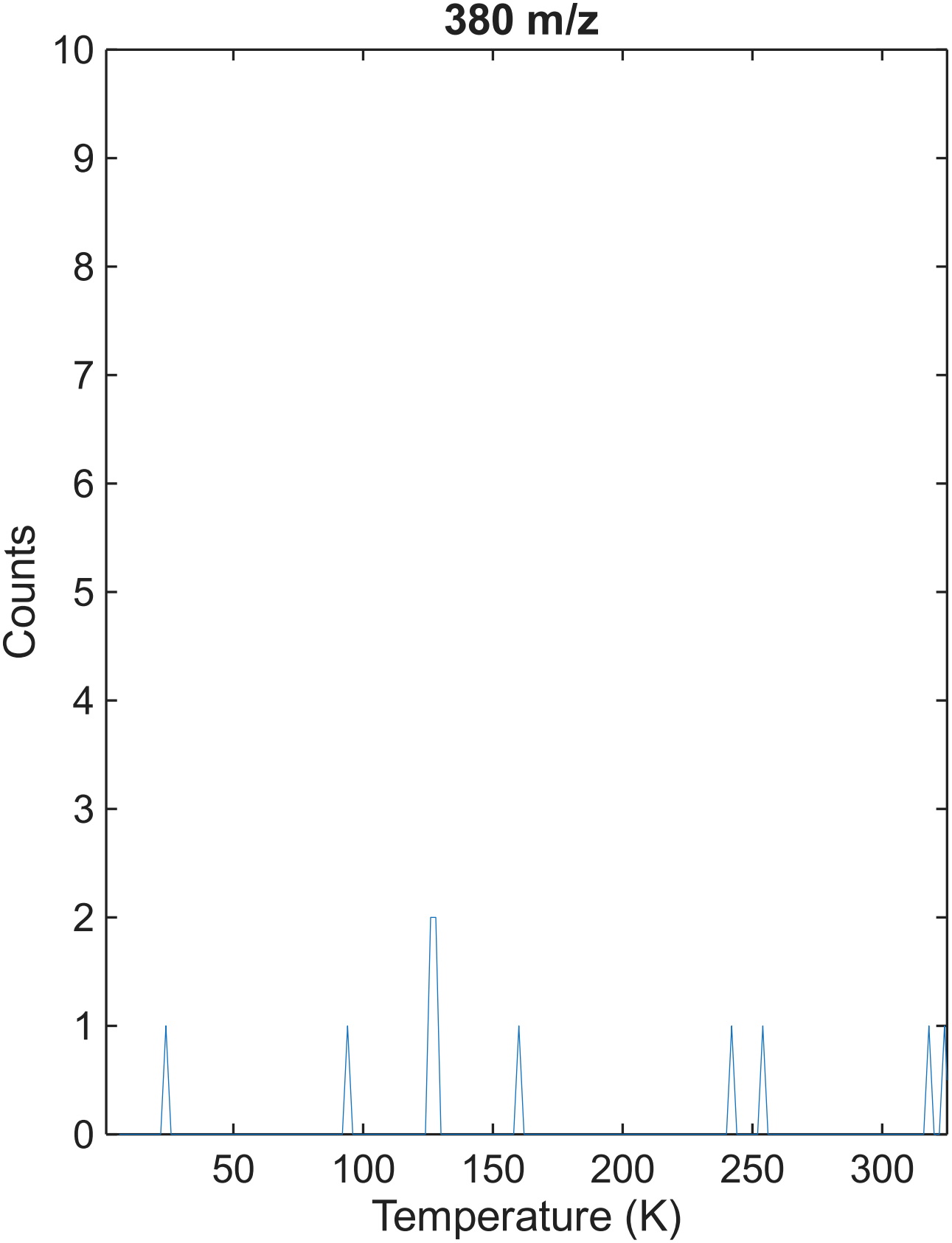
380 m/z
Counts
Temperature (K)
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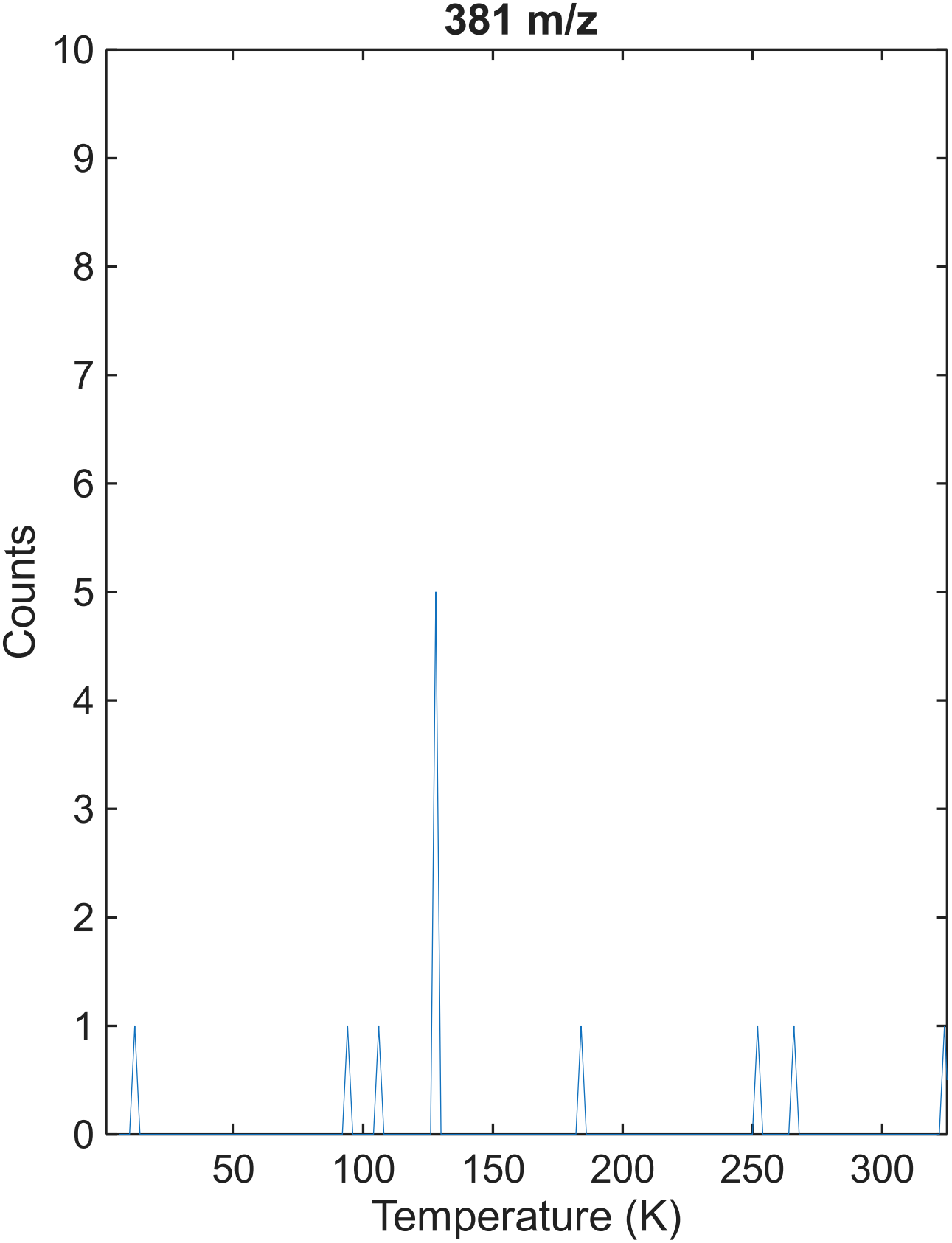
381 m/z
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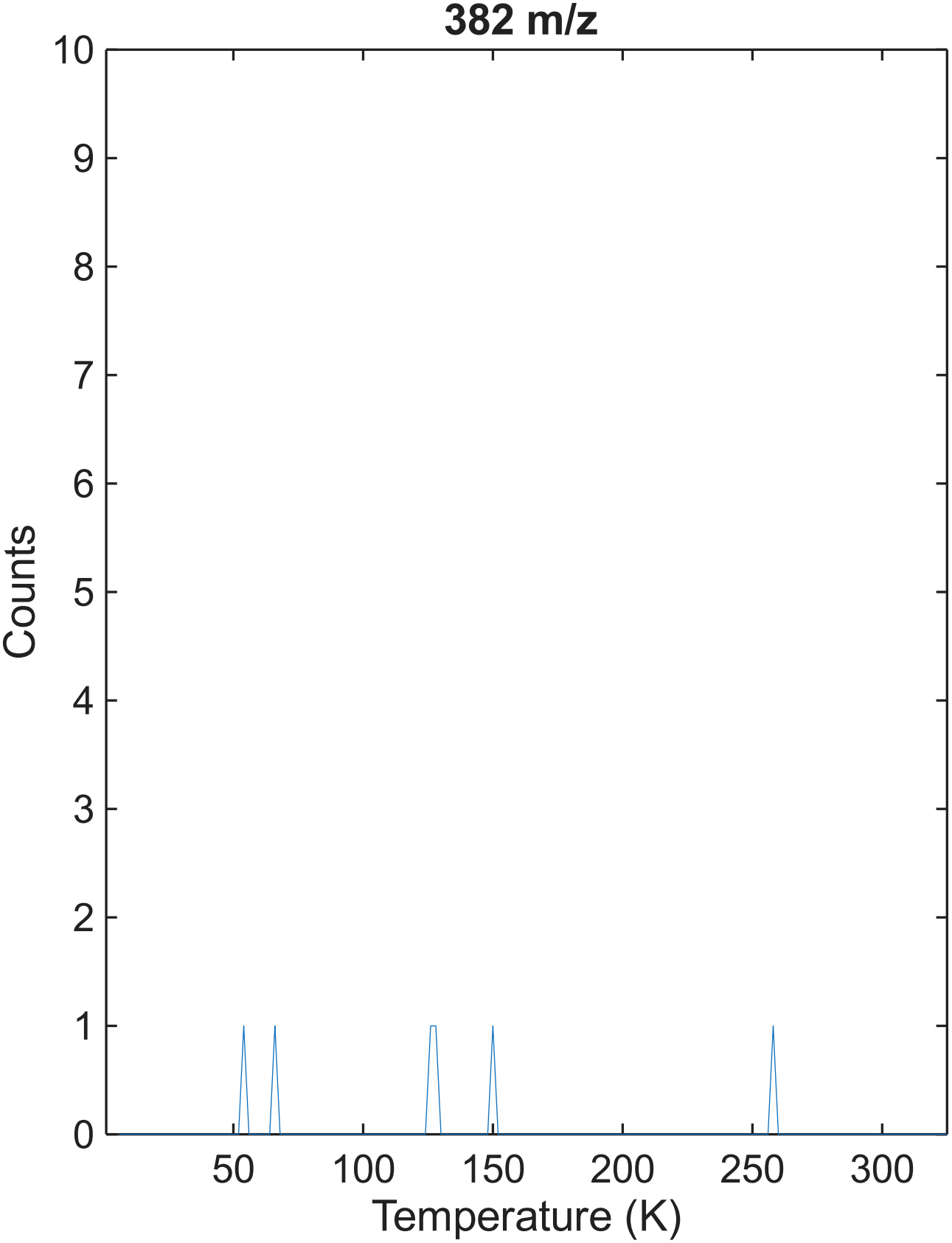
382 m/z
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0
Counts
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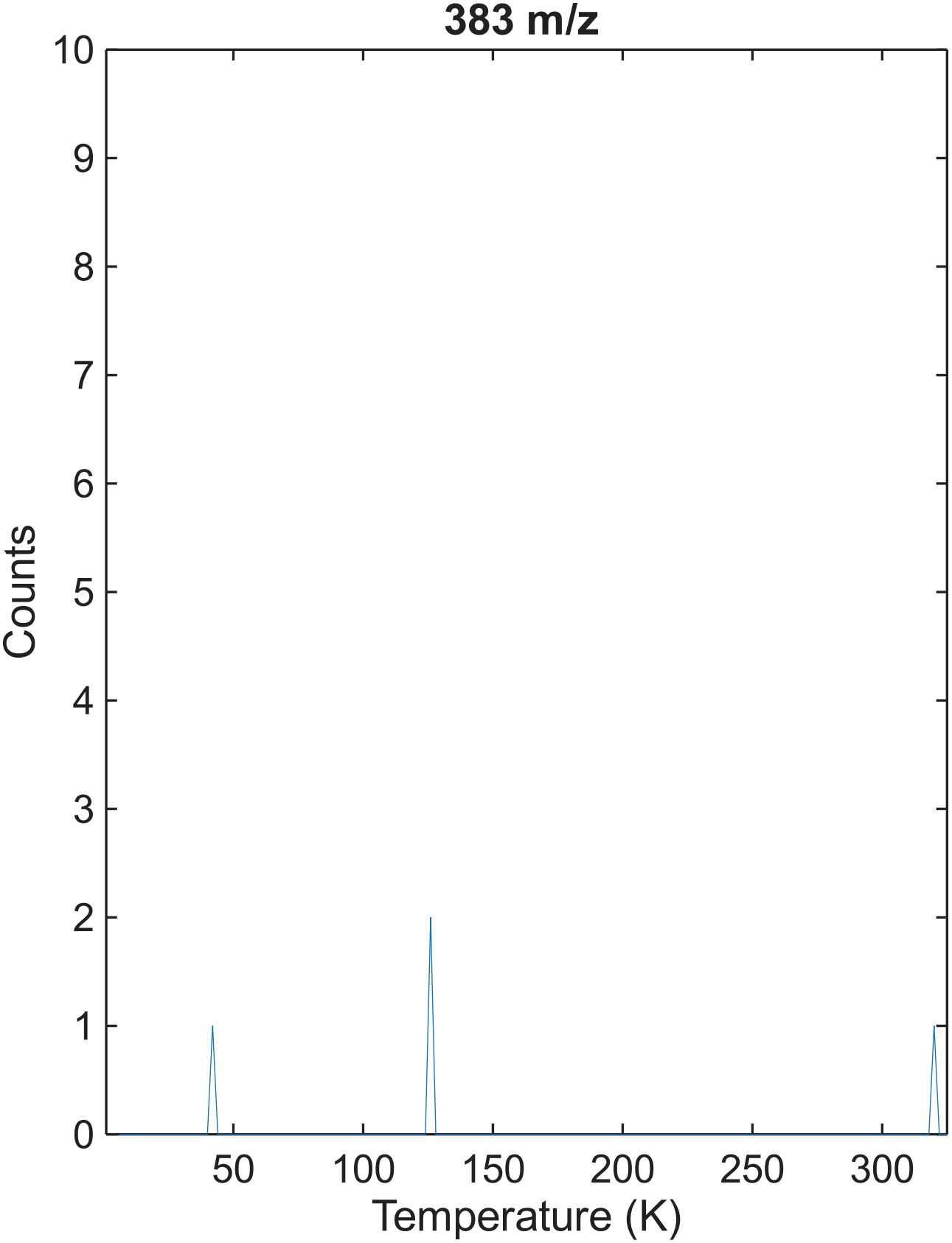
Temperature (K)


383 m/z
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Counts
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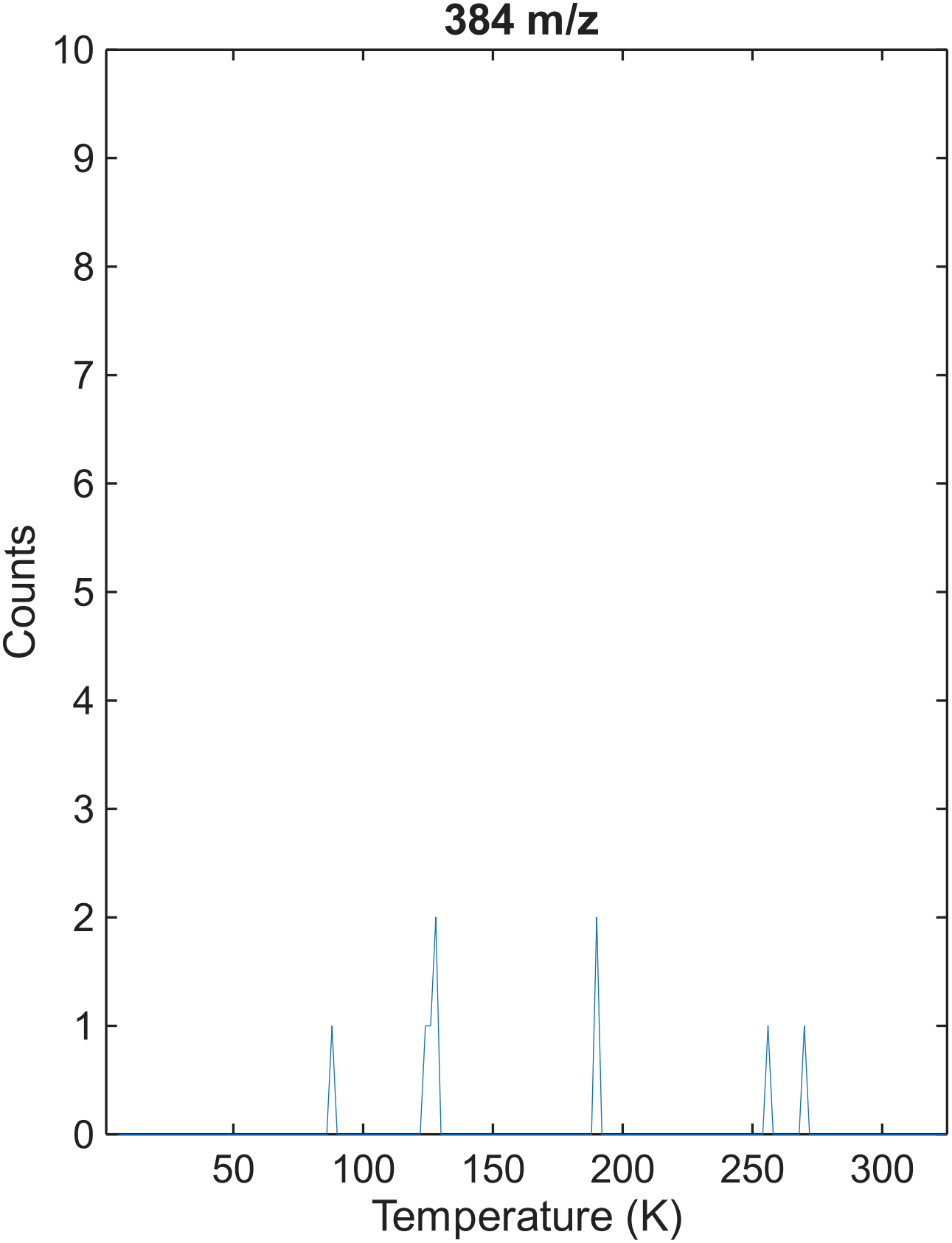
Temperature (K)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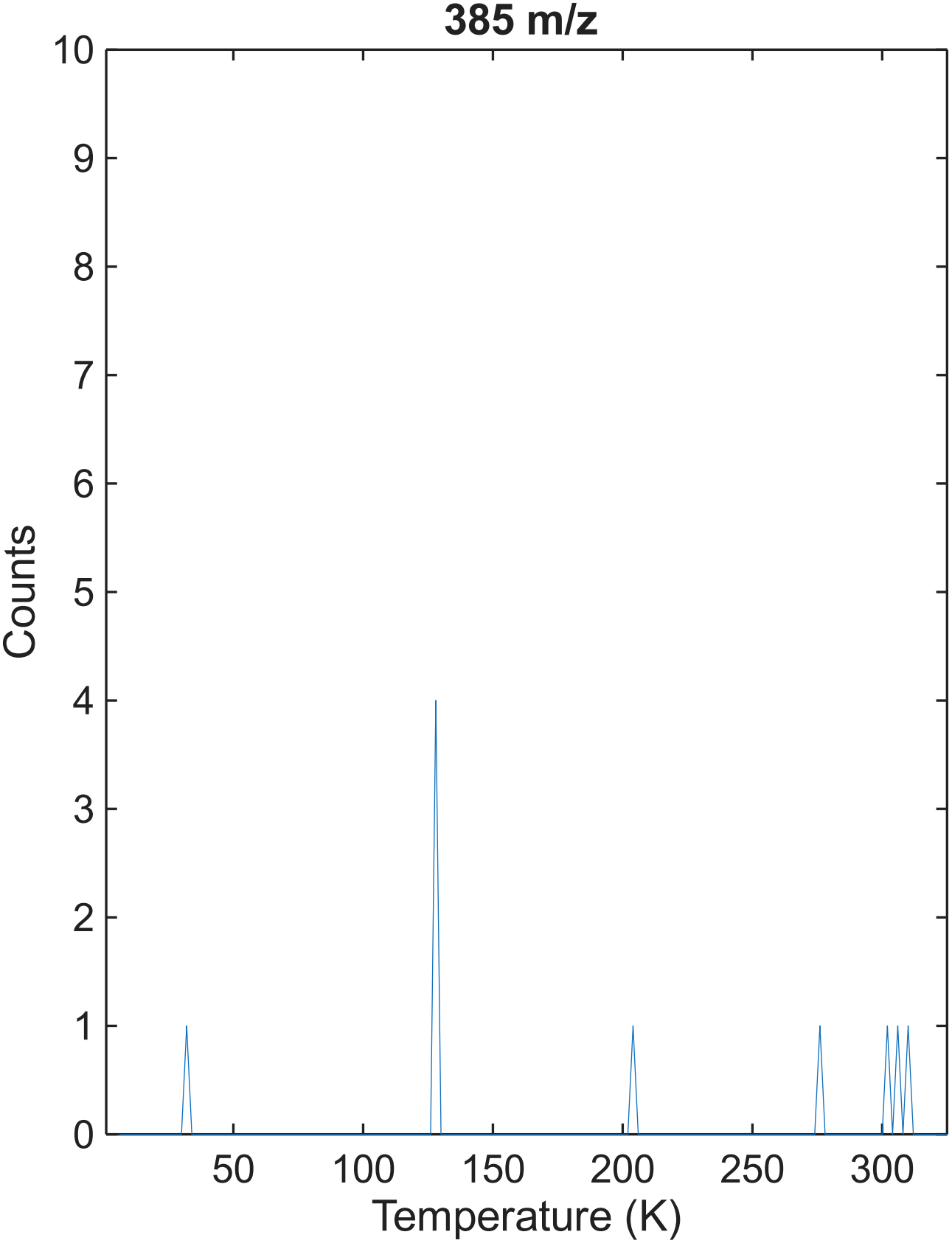
385 m/z
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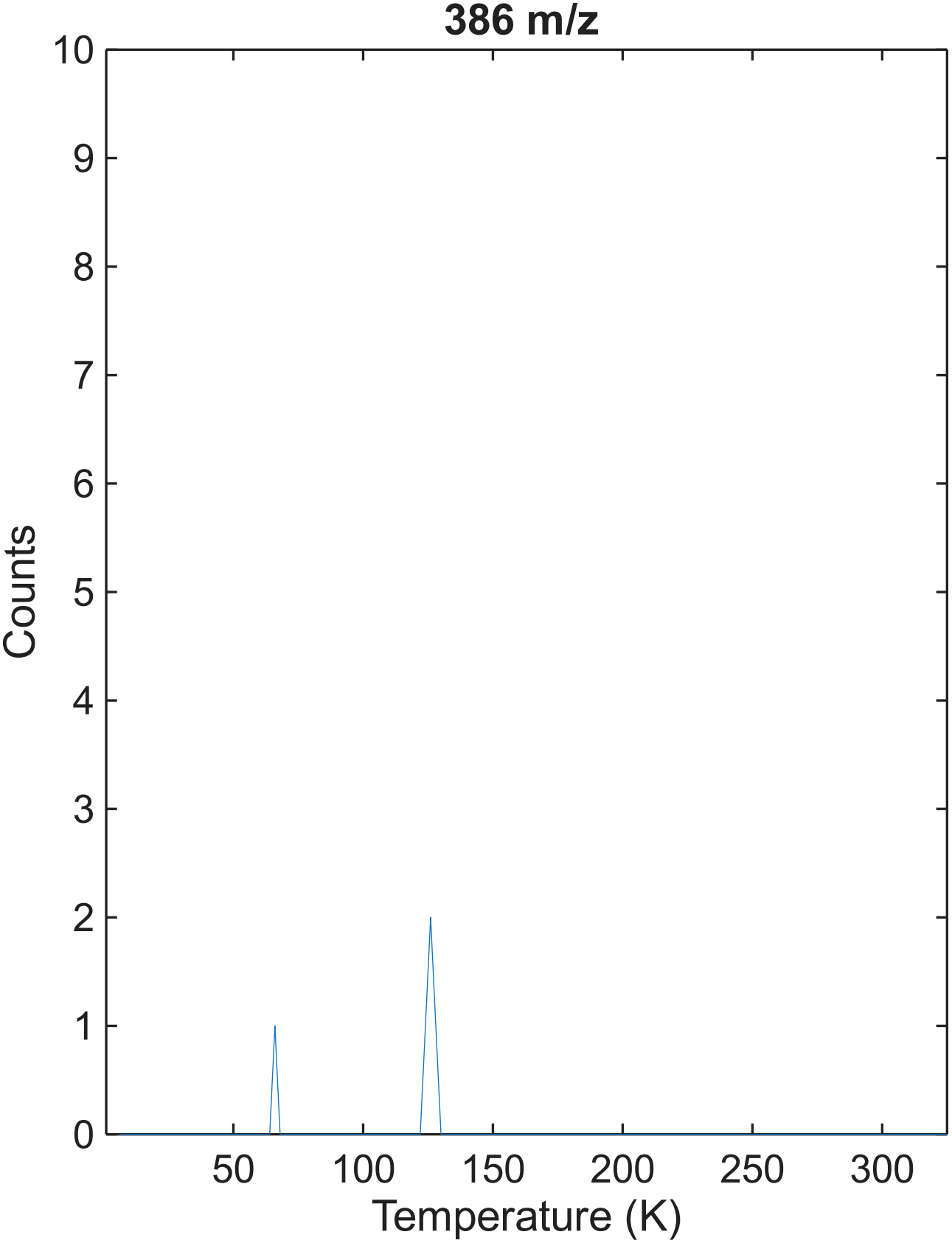
386 m/z
Counts
Temperature (K)
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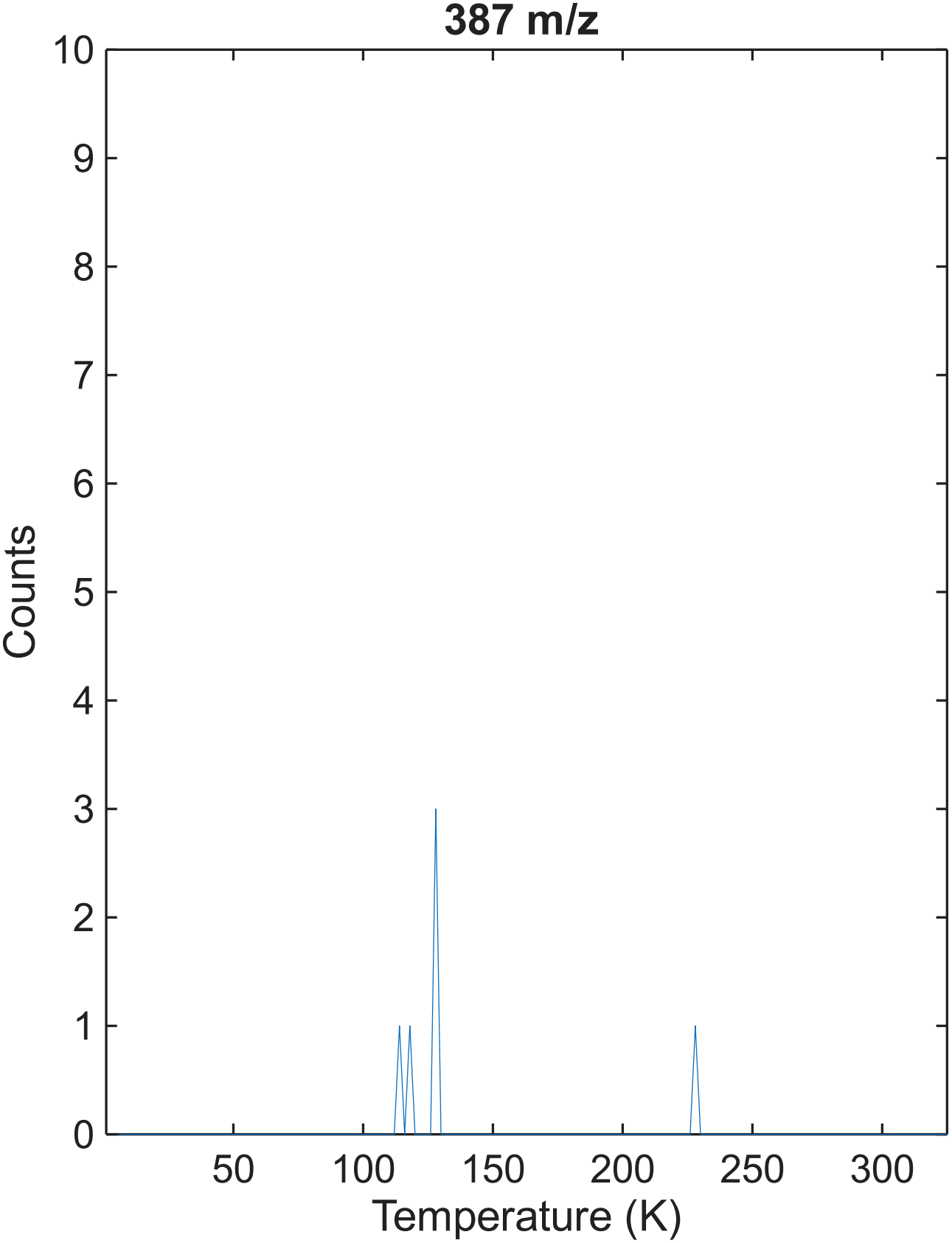
387 m/z
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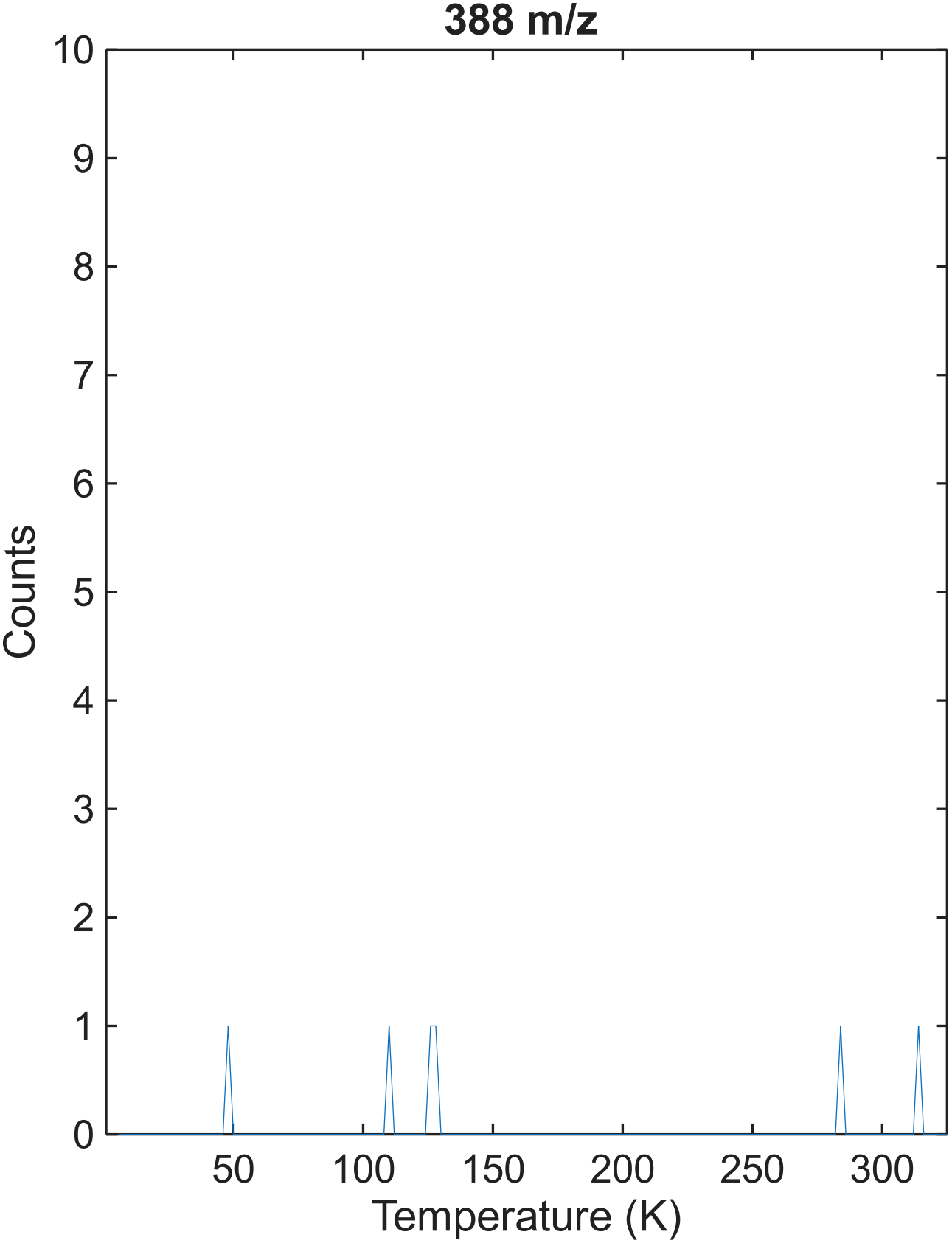
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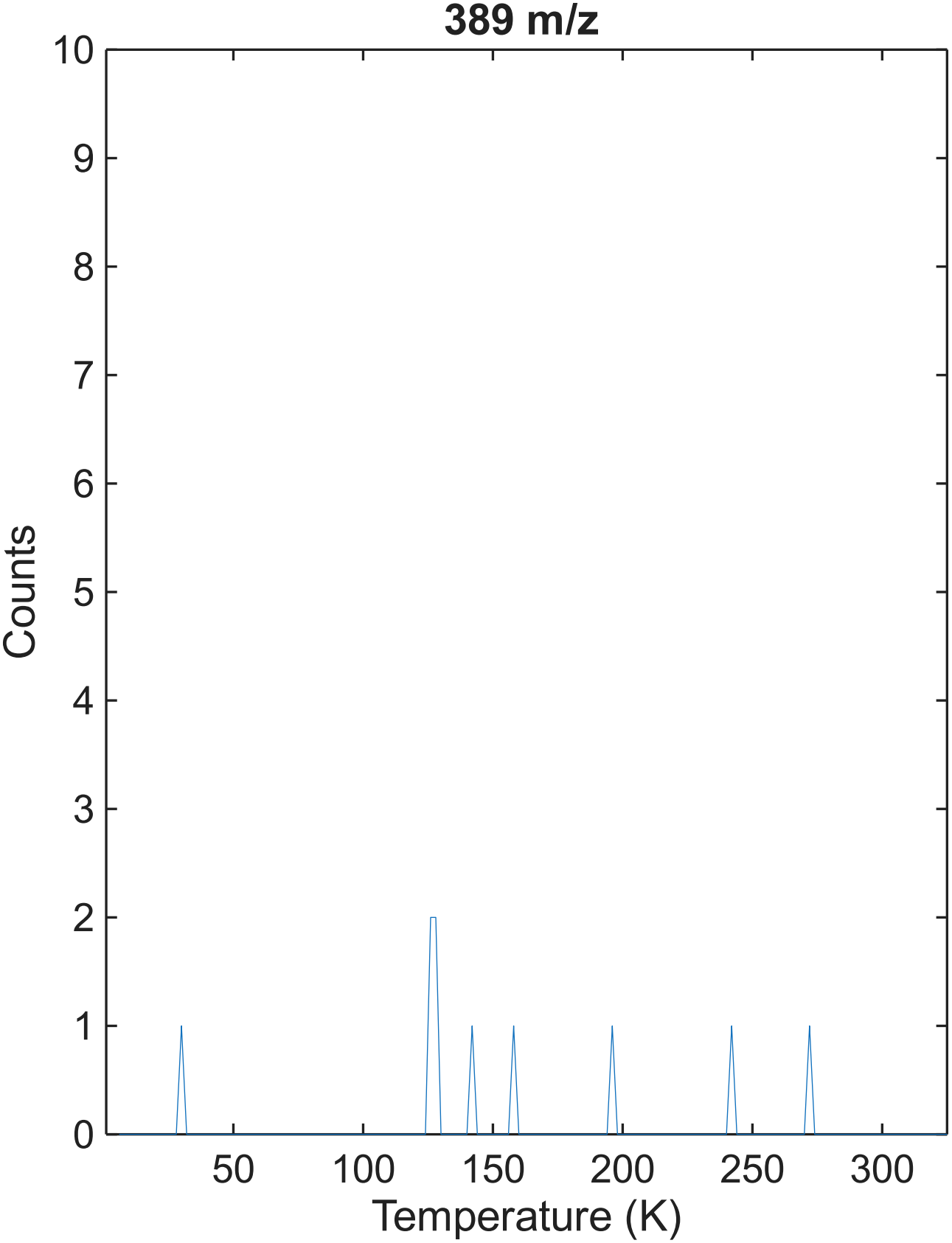
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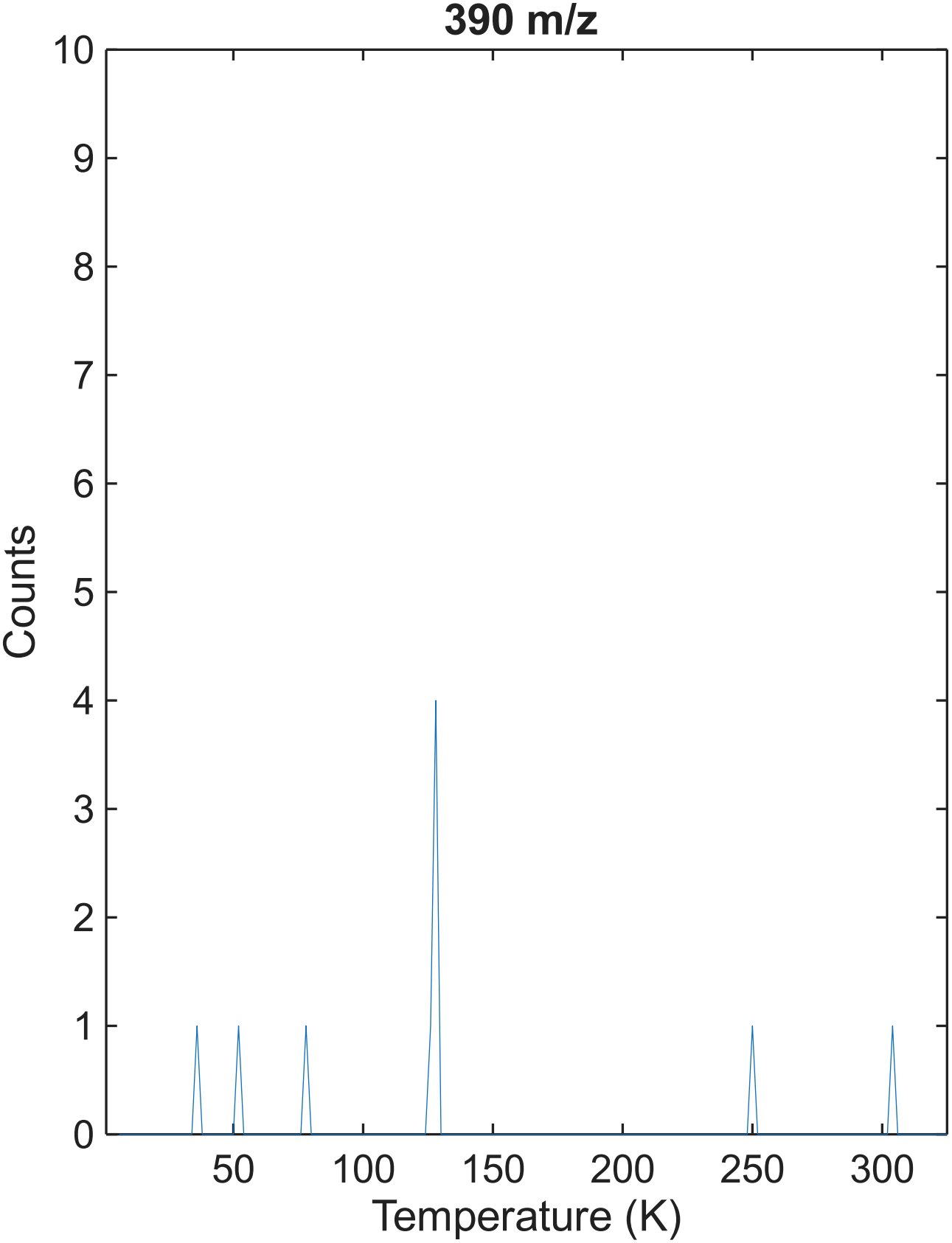
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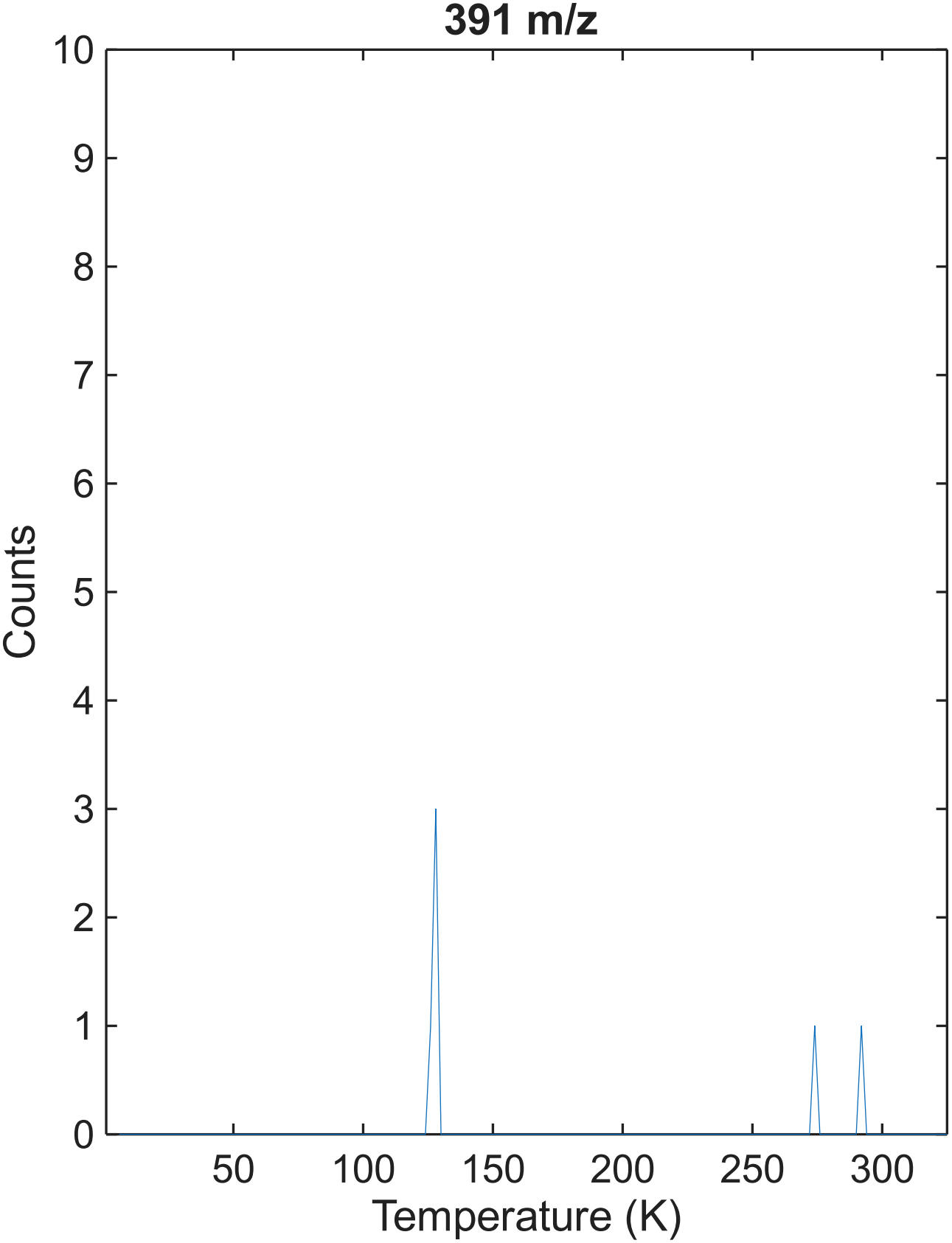
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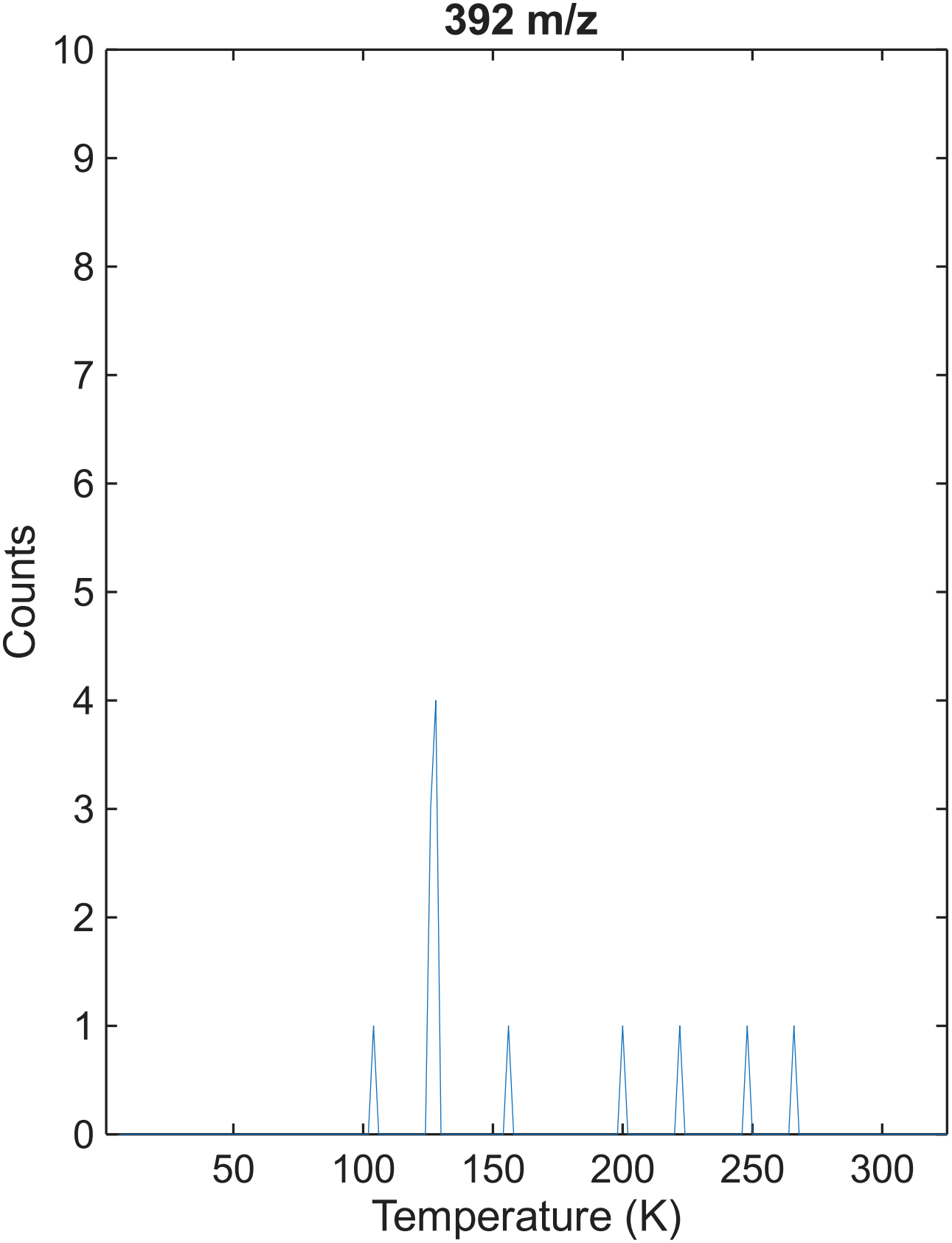
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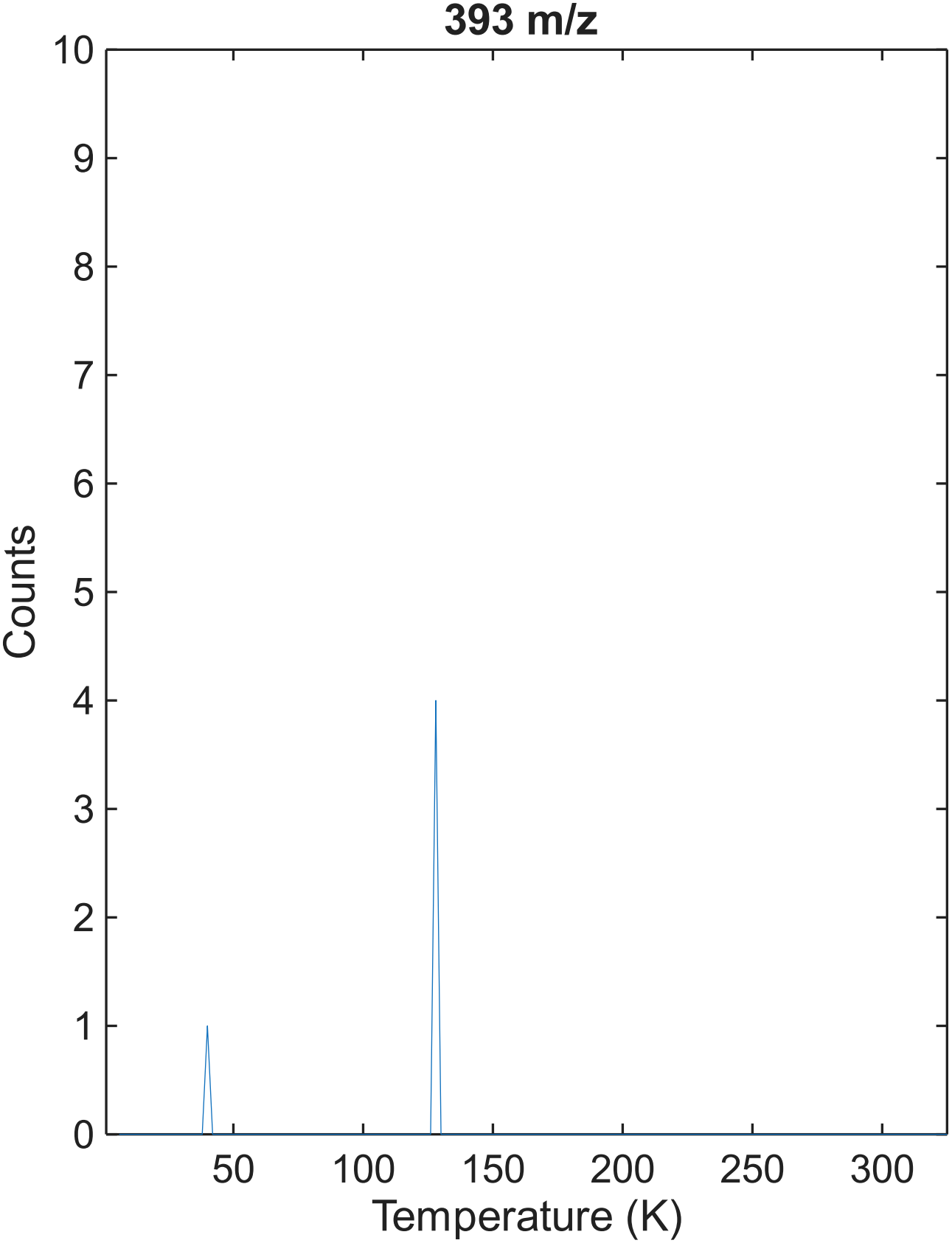
393 m/z
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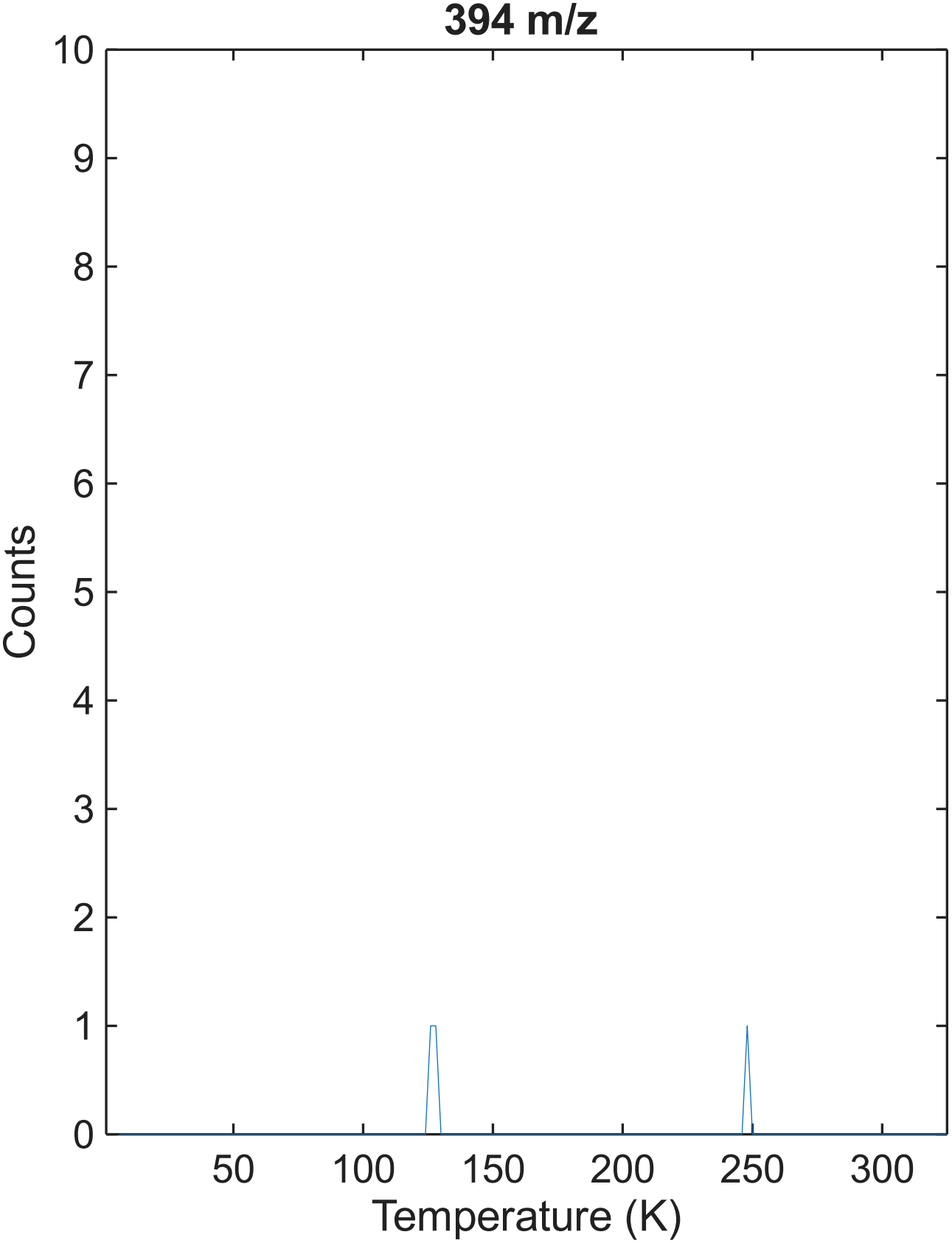
394 m/z
Counts
Temperature (K)
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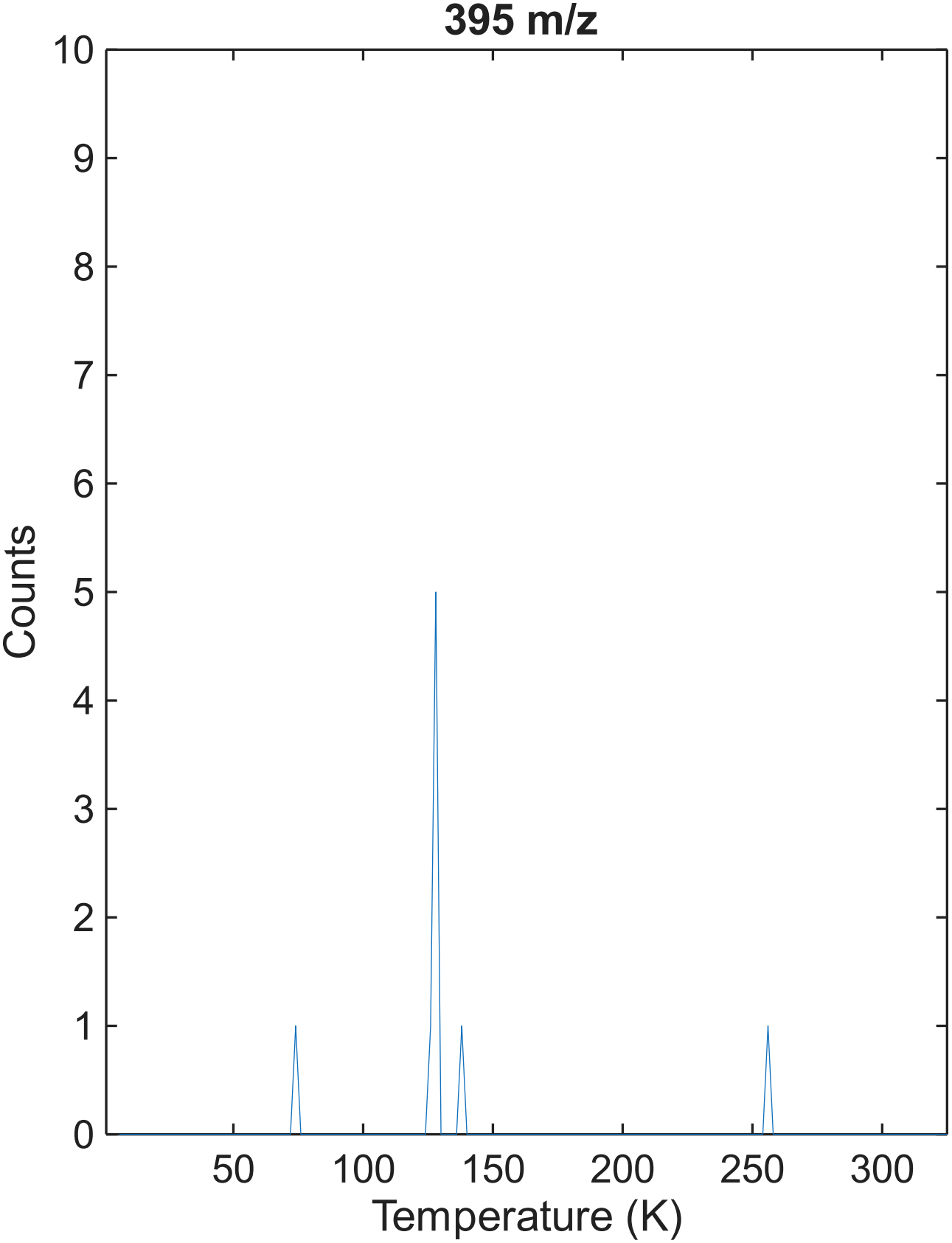
395 m/z
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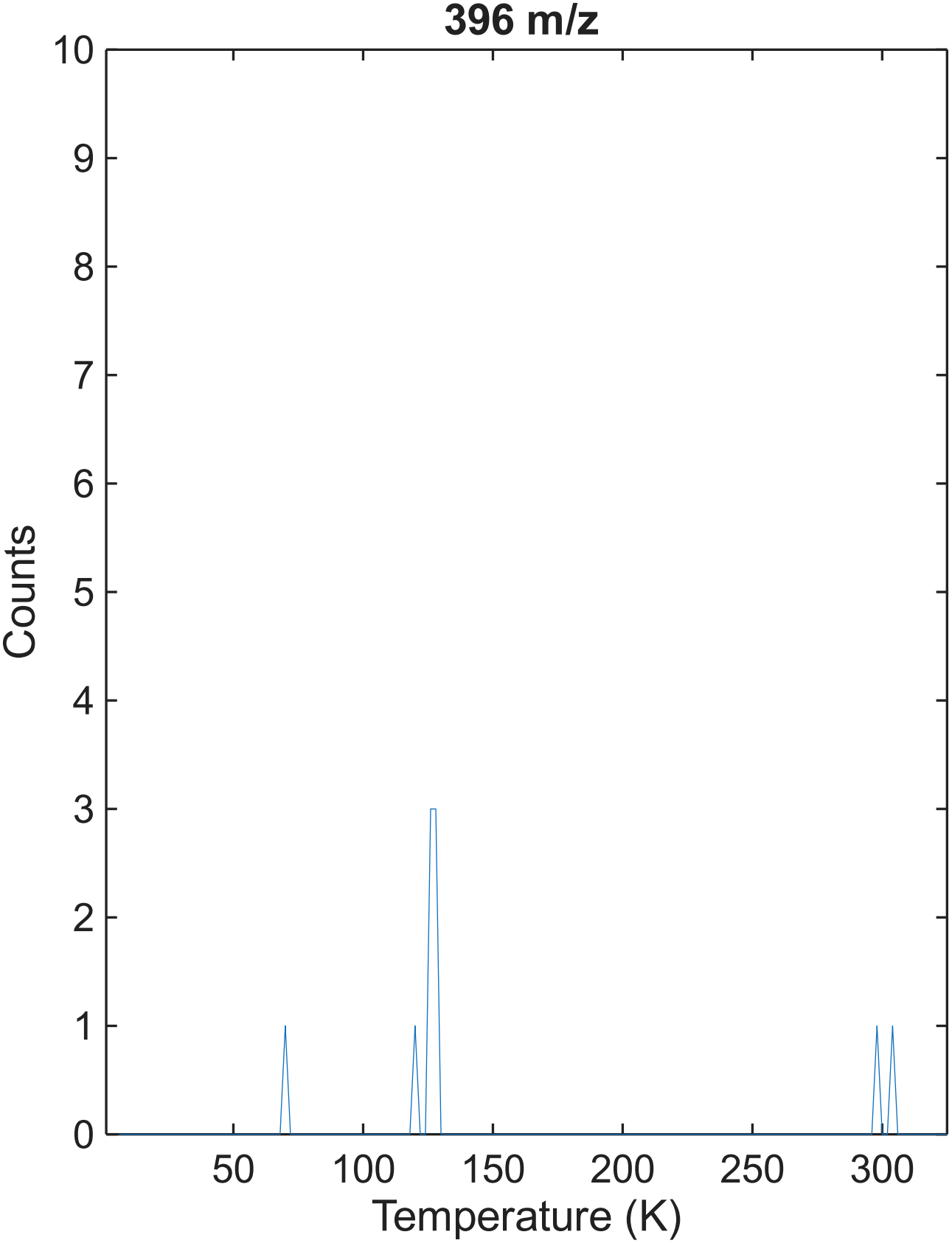
396 m/z
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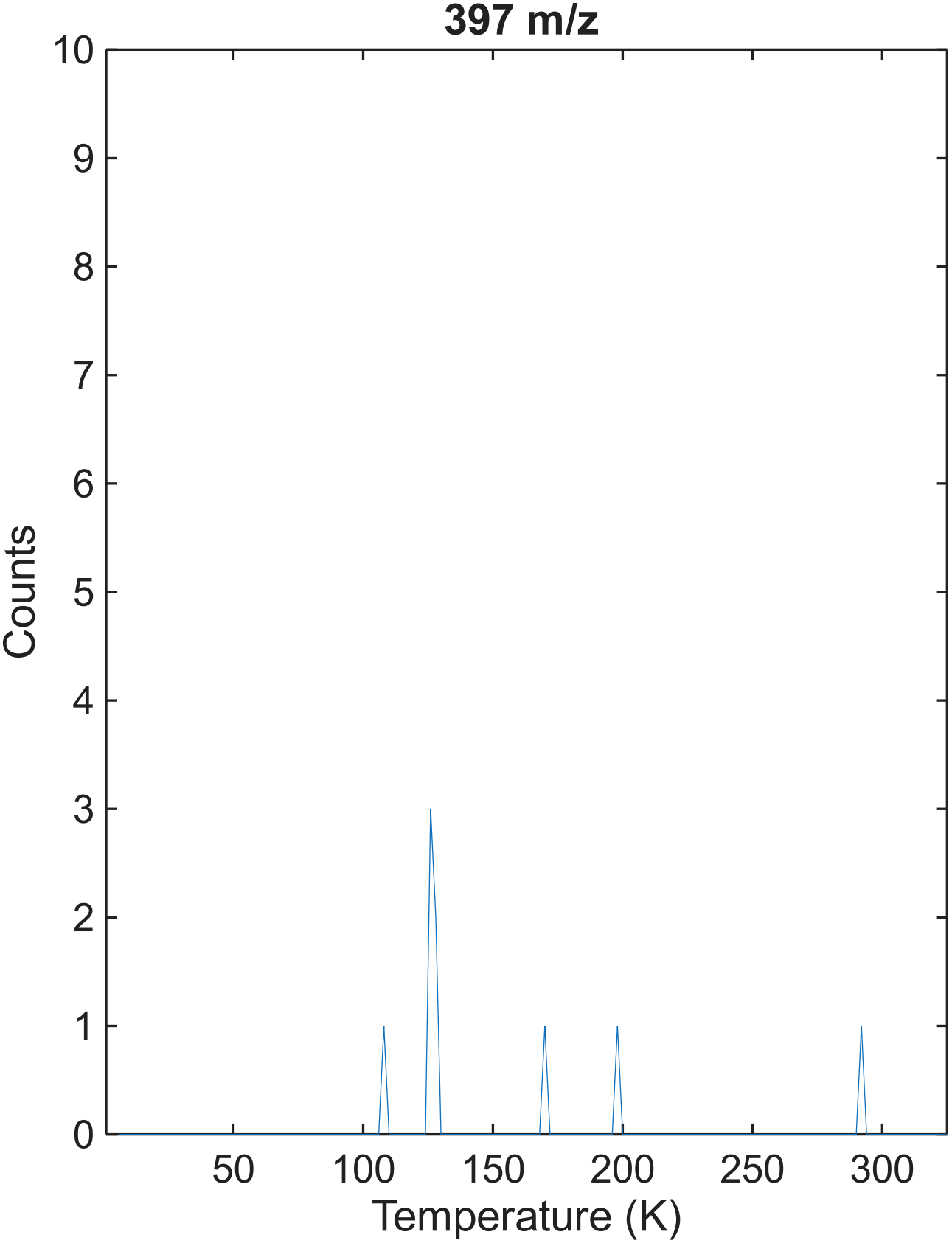
397 m/z
Counts
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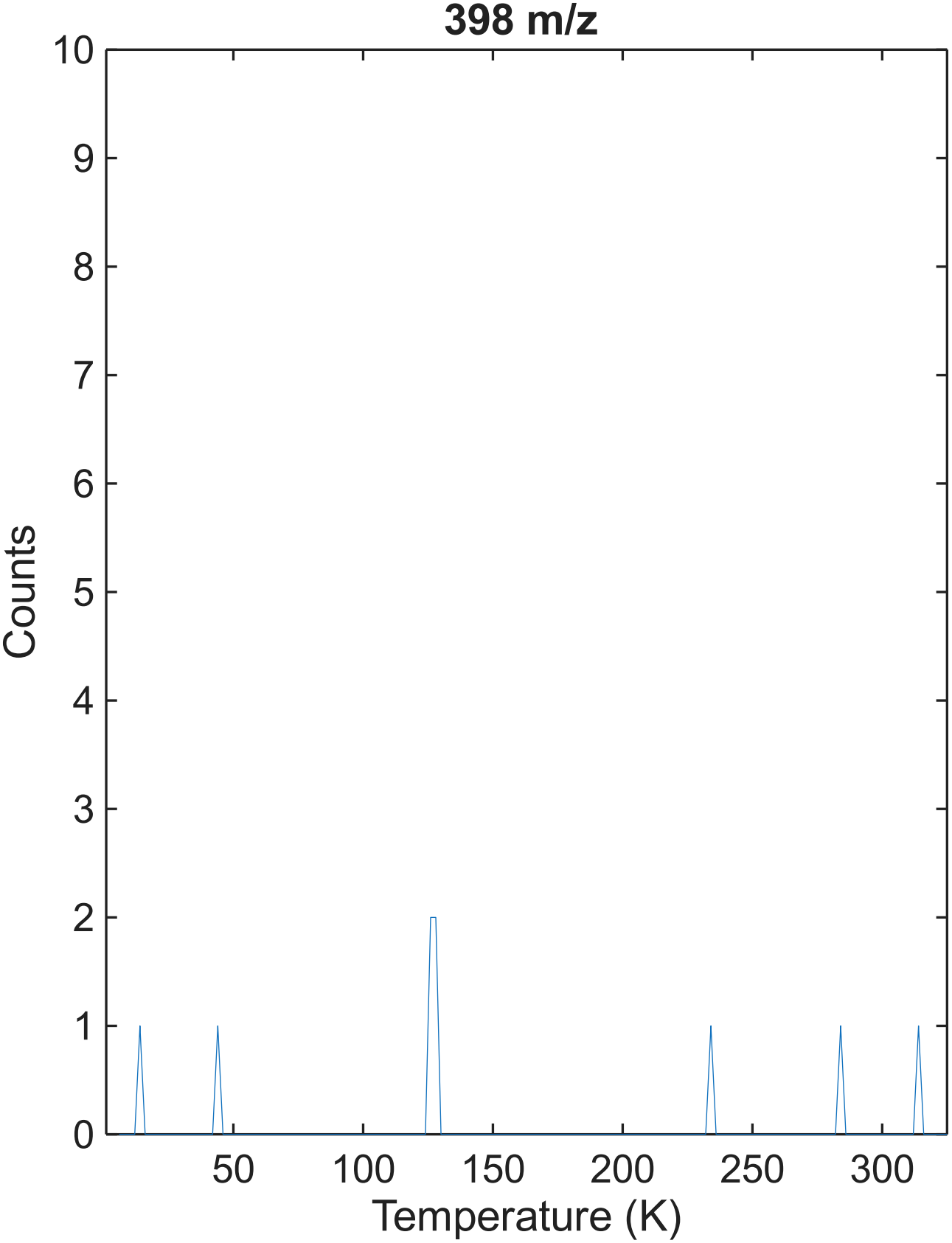
398 m/z
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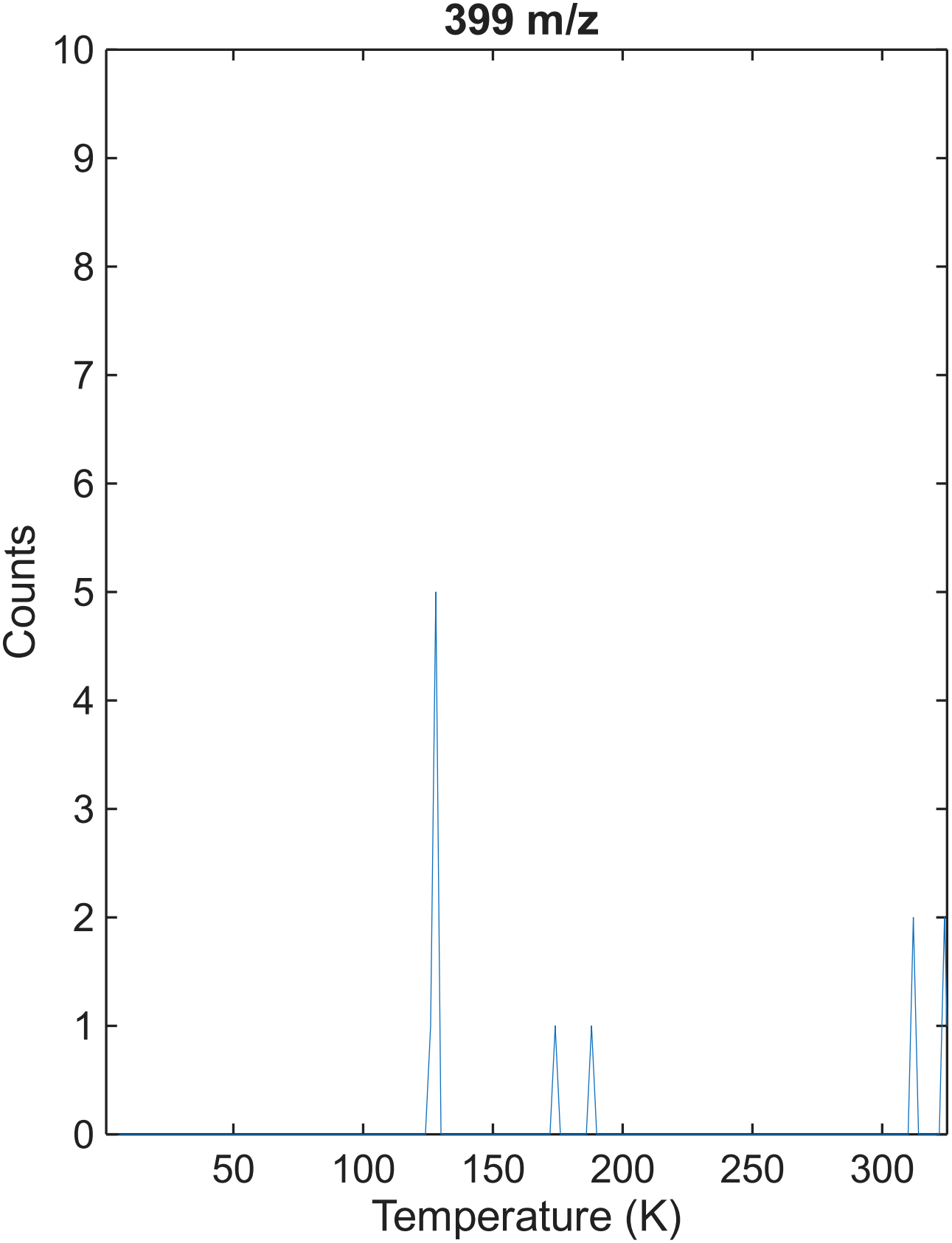
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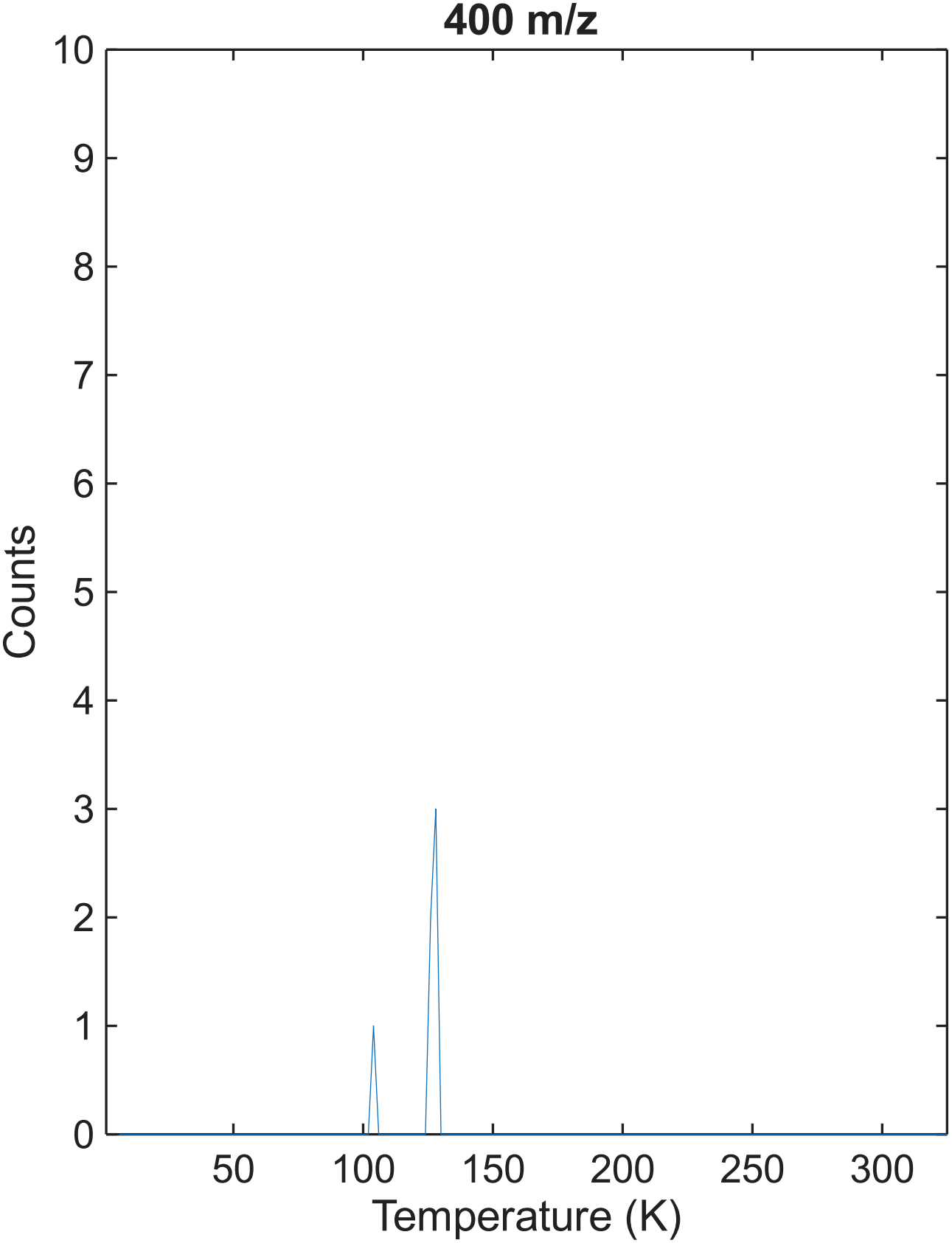
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Counts
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100
150
200
250
300
Temperature (K)