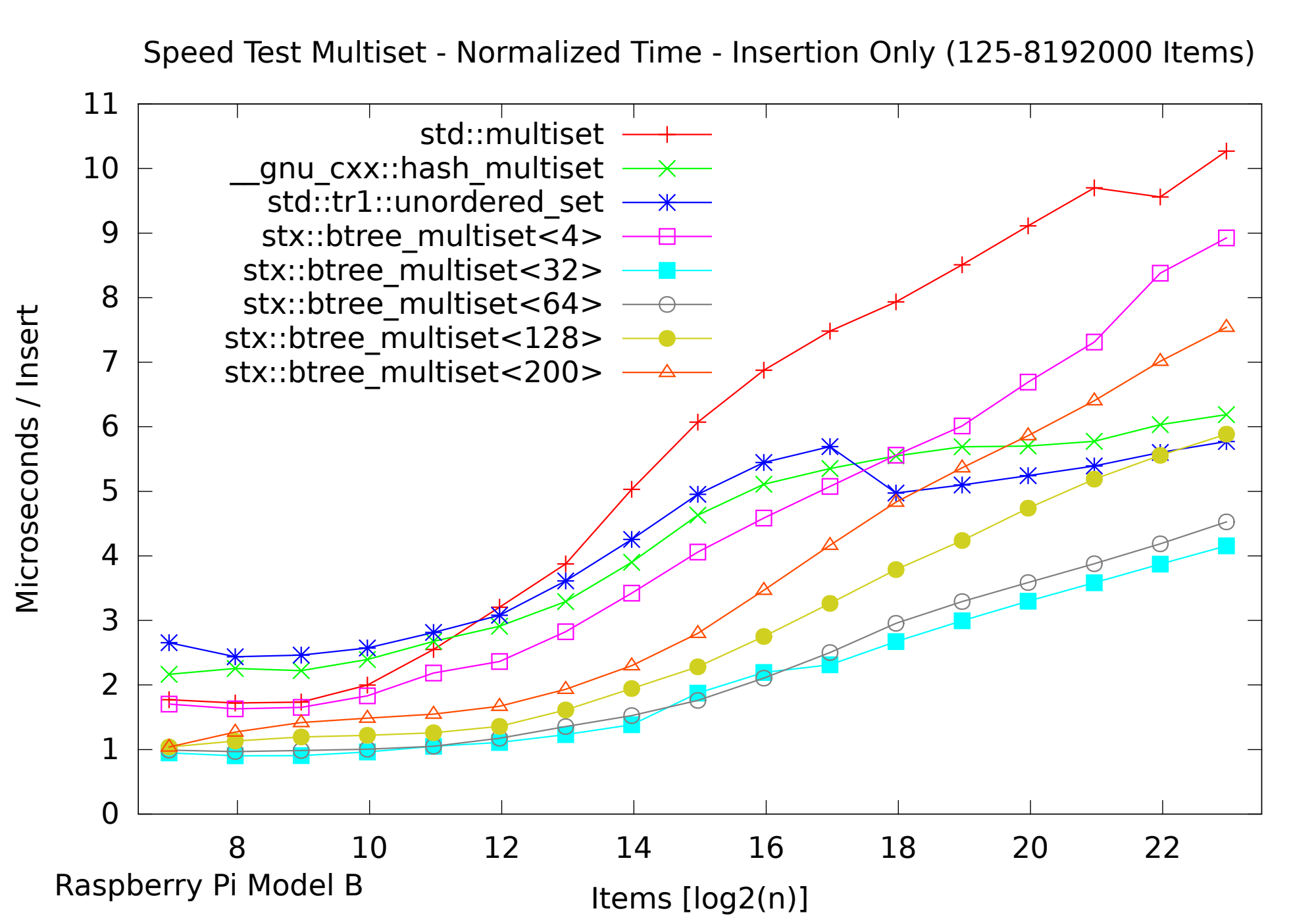
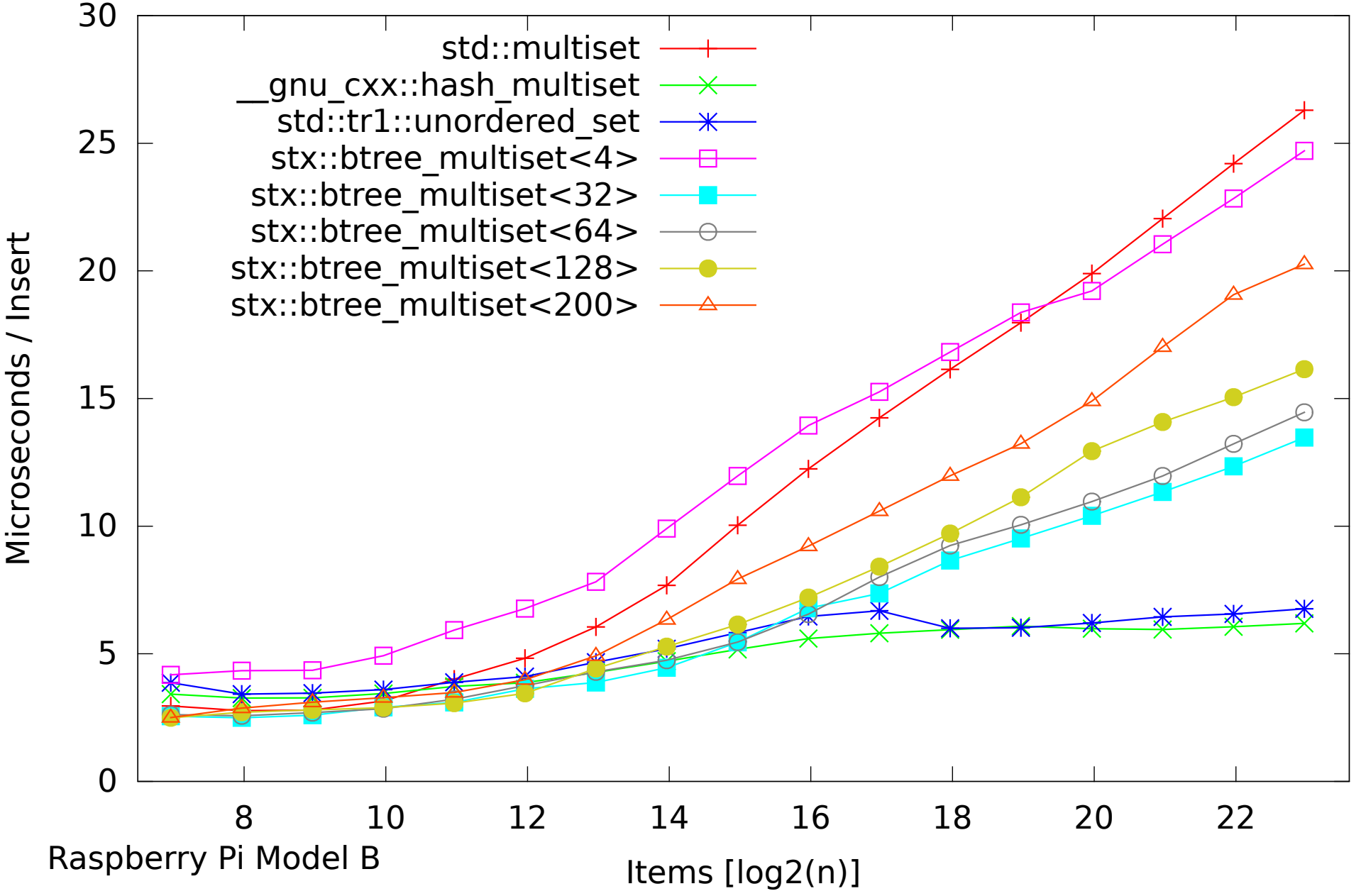
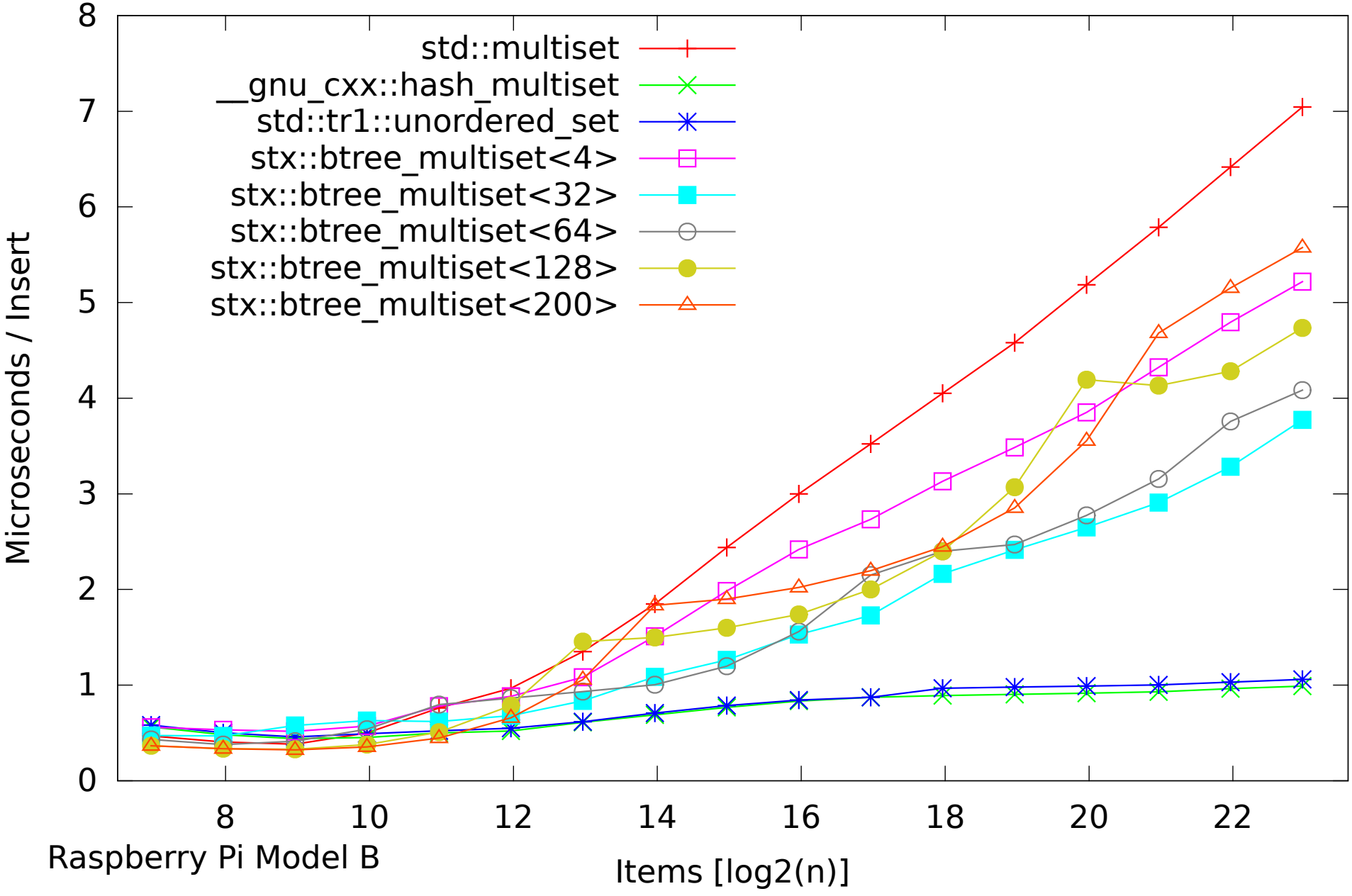

Speed Test Multiset - Normalized Time - Insertion Only (125-8192000 Items)
Microseconds / Insert
Items [log2(n)]
Raspberry Pi Model B
std::multiset
__gnu_cxx::hash_multiset
std::tr1::unordered_set
stx::btree_multiset<4>
stx::btree_multiset<32>
stx::btree_multiset<64>
stx::btree_multiset<128>
stx::btree_multiset<200>
0
1
2
3
4
5
6
7
8
9
10
11
8
10
12
14
16
18
20
22

Speed Test - Finding the Best Slot Size - Insertion Only - Plotted by Slots in B+ Tree
2048000 Items
4096000 Items
8192000 Items
Seconds
0
10
20
30
40
50
60
70
80
90
0
50
100
150
200
250
300
Raspberry Pi Model B
Leaf/Inner Slots


Speed Test Multiset - Normalized Time - Insert/Find/Erase (125-8192000 Items)
std::multiset
__gnu_cxx::hash_multiset
std::tr1::unordered_set
stx::btree_multiset<4>
stx::btree_multiset<32>
stx::btree_multiset<64>
stx::btree_multiset<128>
stx::btree_multiset<200>
Microseconds / Insert
Items [log2(n)]
Raspberry Pi Model B
0
5
10
15
20
25
30
8
10
12
14
16
18
20
22

Speed Test - Finding the Best Slot Size - Insert/Find/Erase - Plotted by Slots in B+ Tre
2048000 Items
4096000 Items
8192000 Items
Seconds
Leaf/Inner Slots
Raspberry Pi Model B
0
50
100
150
200
250
300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std::multiset
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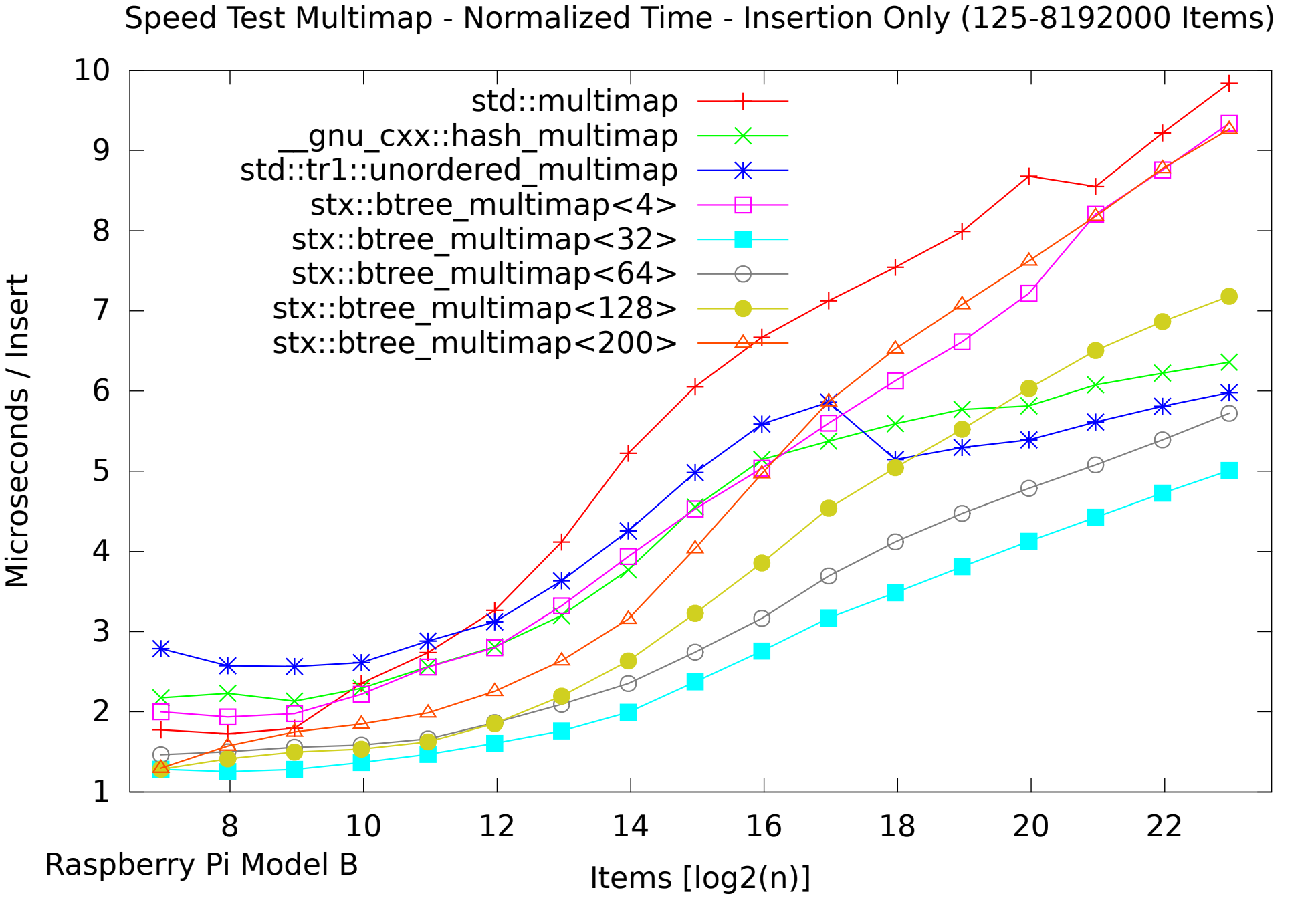
Items [log2(n)]
Raspberry Pi Model B

Speed Test - Finding the Best Slot Size - Find Only - Plotted by Slots in B+ Tree
2048000 Items
4096000 Items
8192000 Items
Seconds
0
10
20
30
40
50
60
70
0
50
100
150
200
250
300
Leaf/Inner Slots
Raspberry Pi Model B


Speed Test Multimap - Normalized Time - Insertion Only (125-8192000 Items)
Microseconds / Insert
Items [log2(n)]
Raspberry Pi Model B
std::multimap
__gnu_cxx::hash_multimap
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stx::btree_multimap<32>
stx::btree_multimap<64>
stx::btree_multimap<128>
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Raspberry Pi Model B
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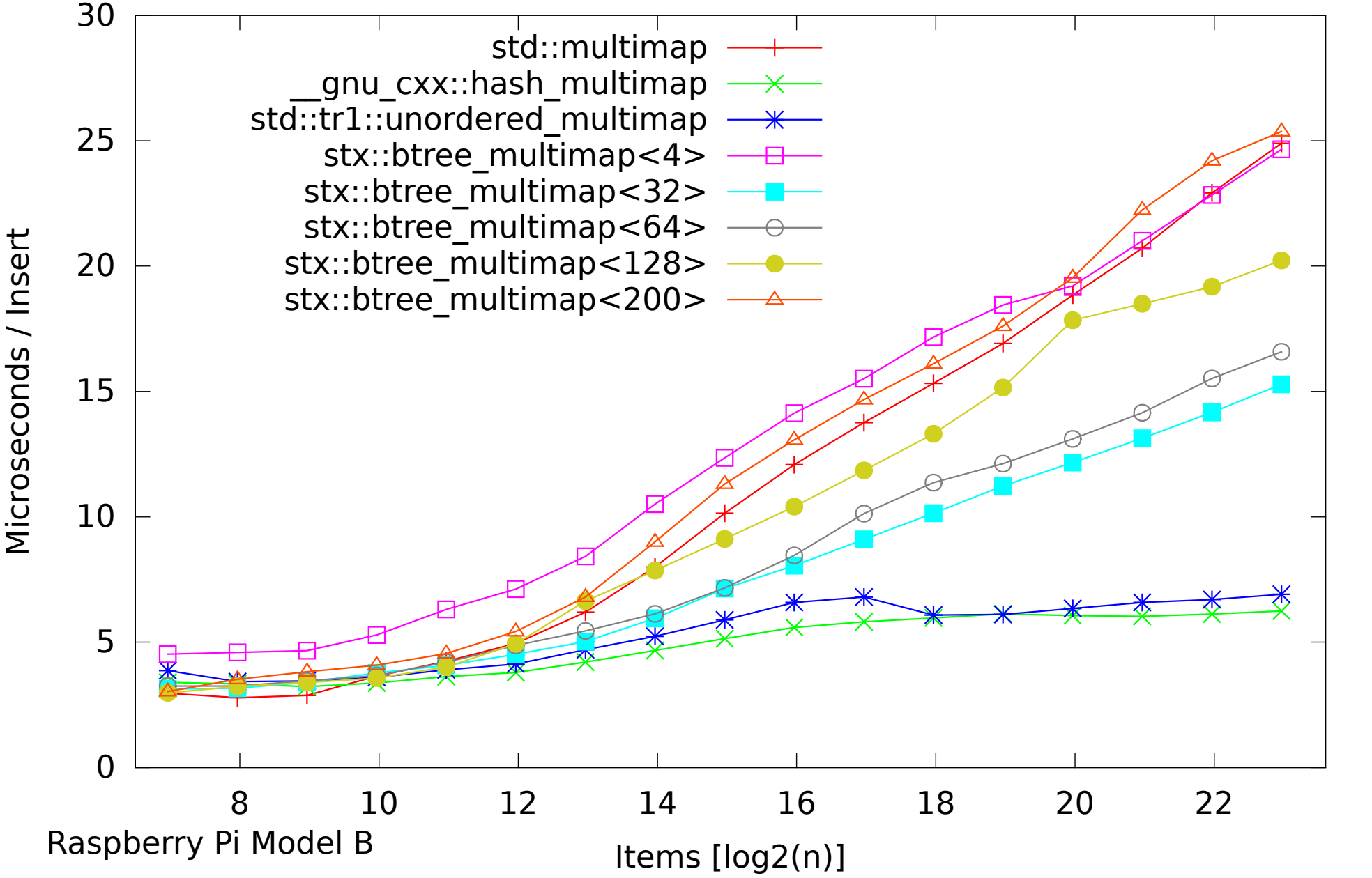
80
90
100
110
0
50
100
150
200
250
300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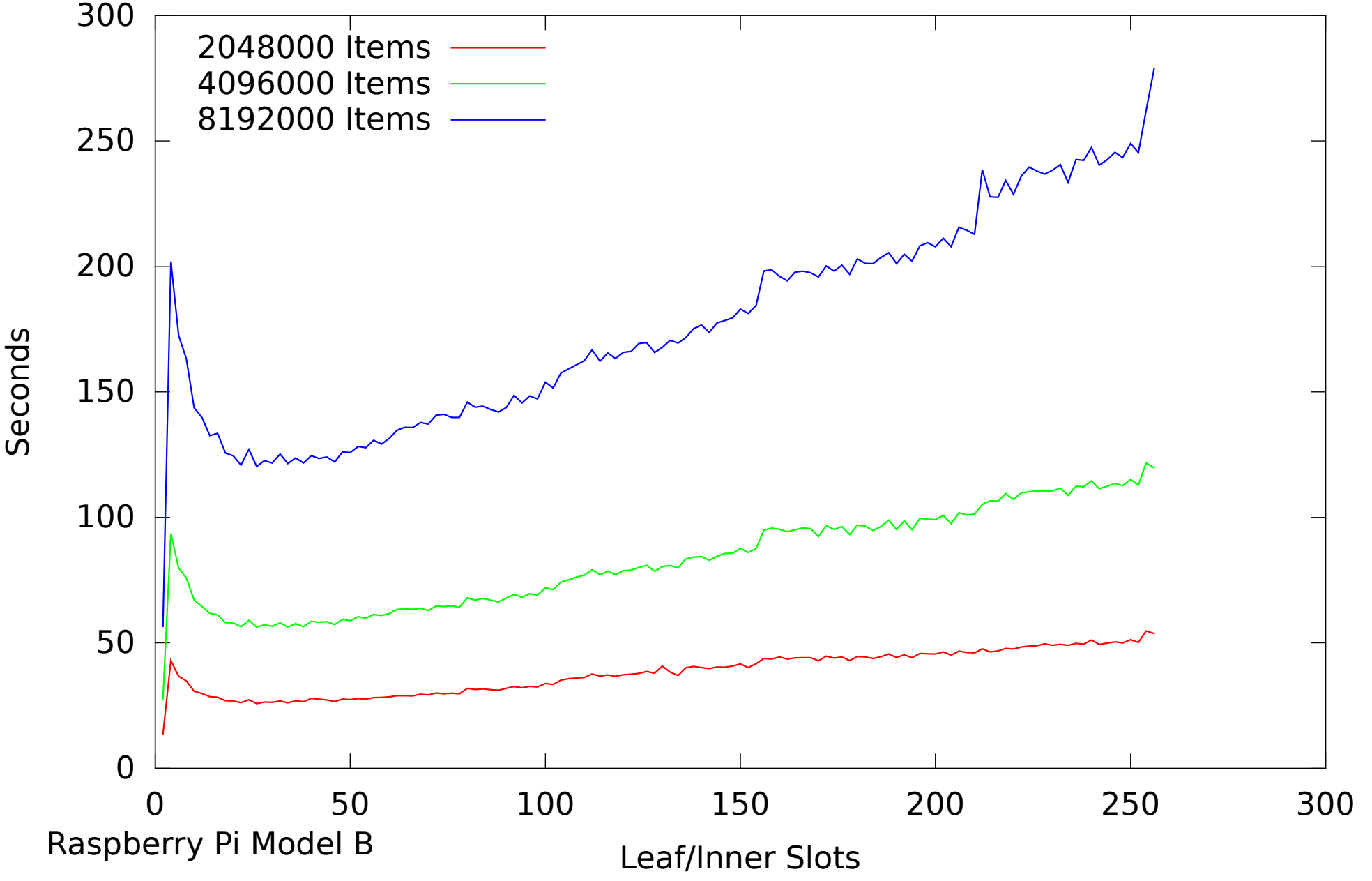
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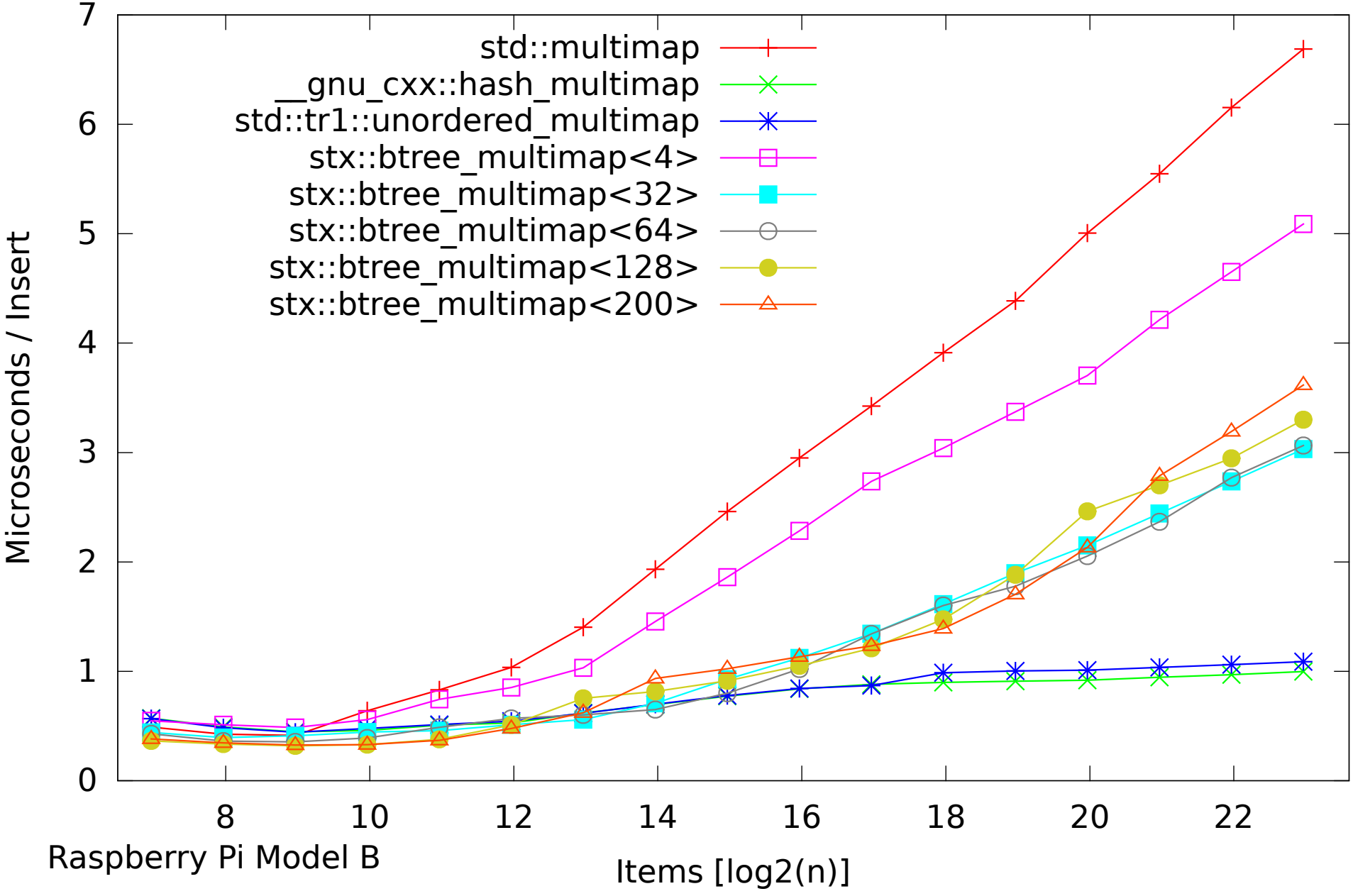
Raspberry Pi Model B
Leaf/Inner Slots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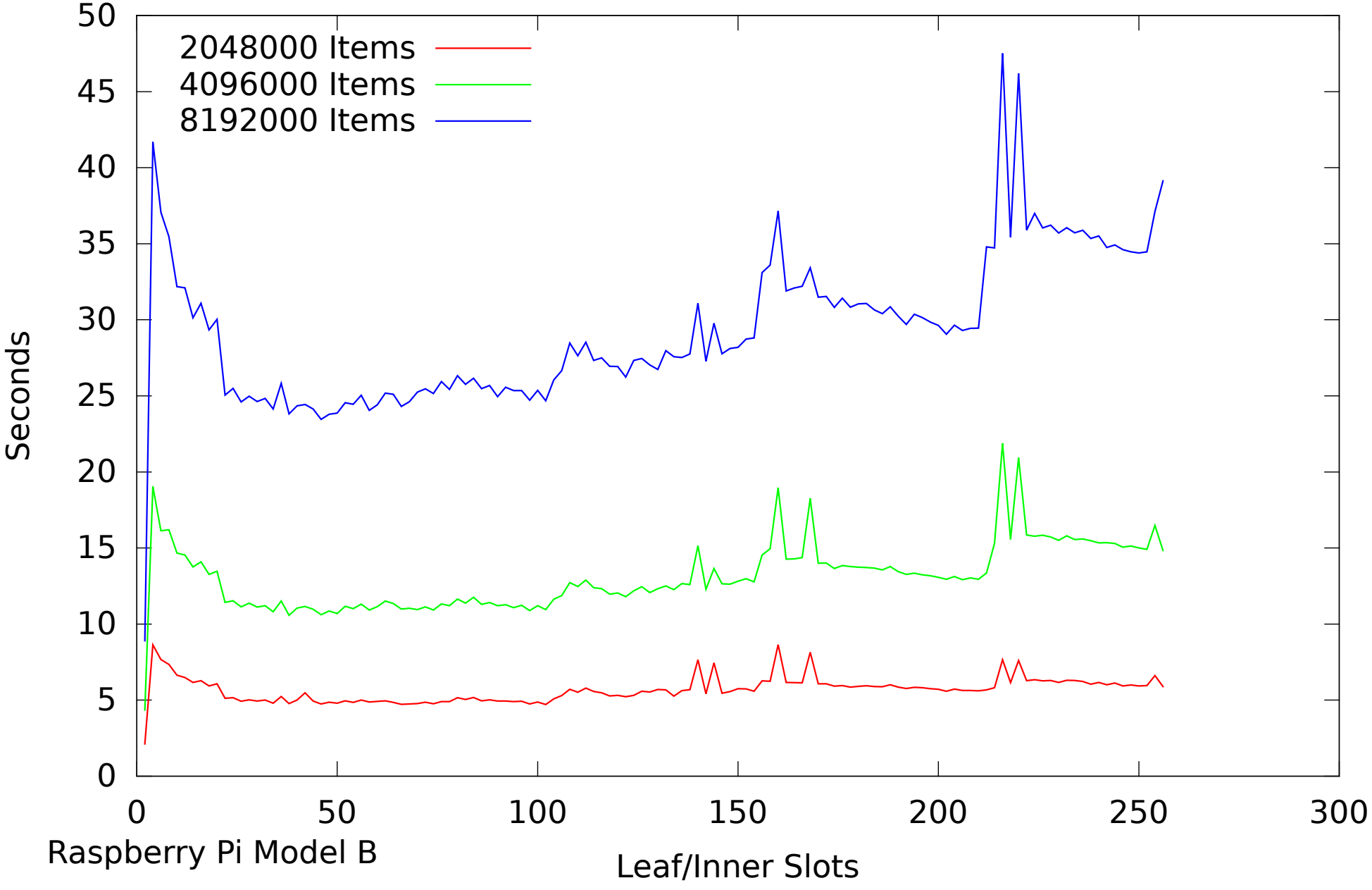
Raspberry Pi Model B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Seconds
Leaf/Inner Slots
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