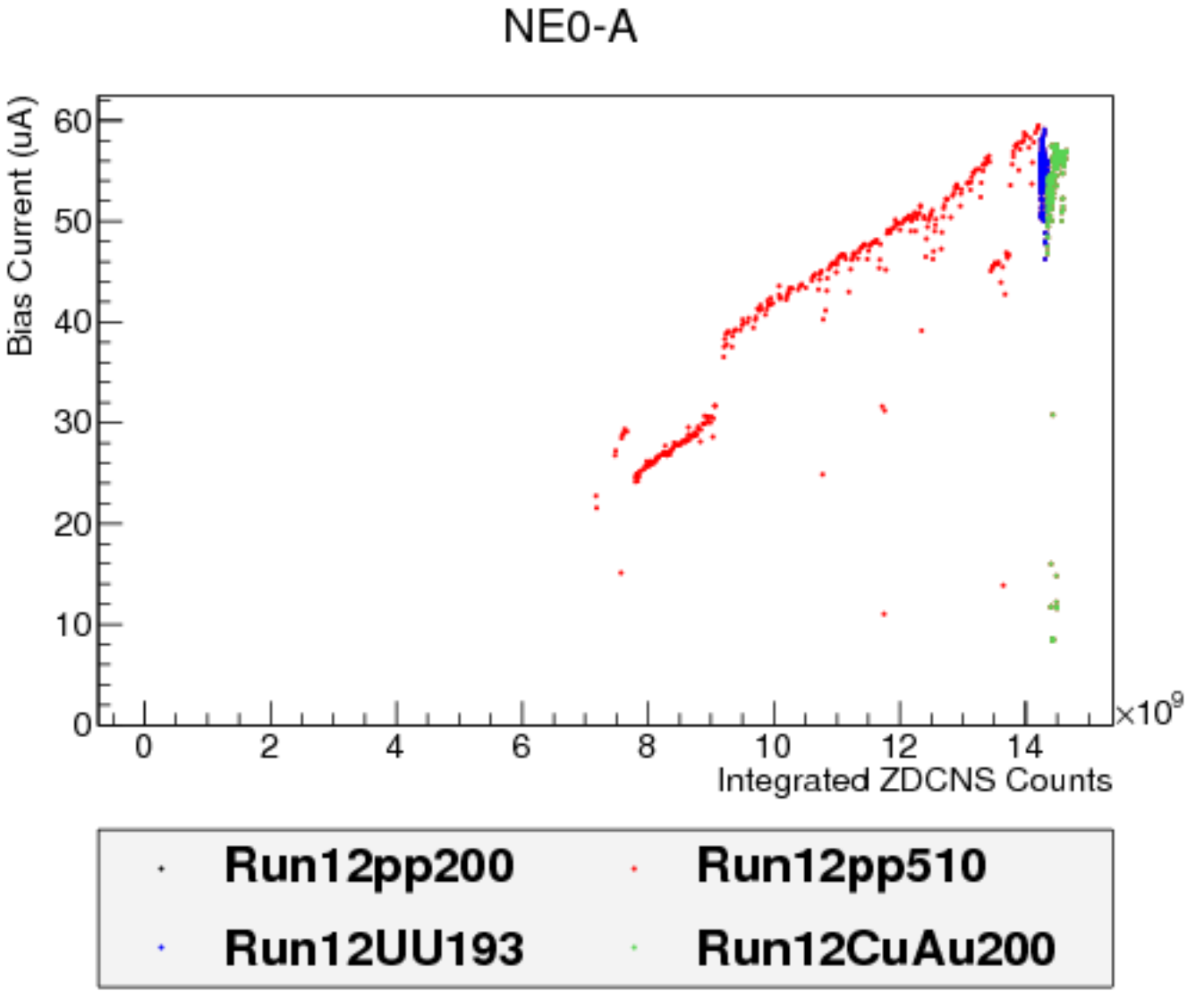
NE0-A
Bias Current (uA)
60
50
40
30
20
10
0
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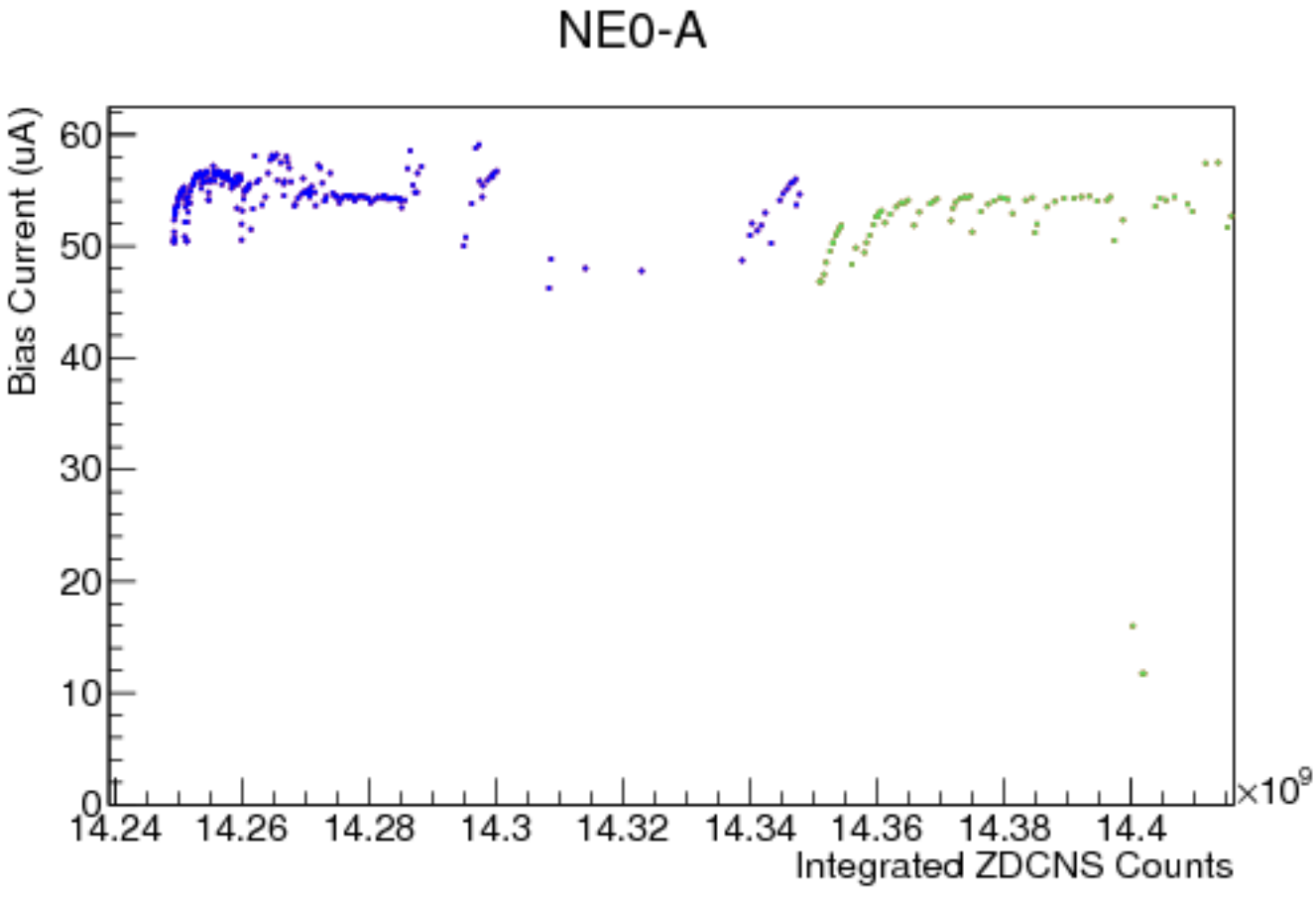
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


NE0-A
Bias Current (uA)
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10
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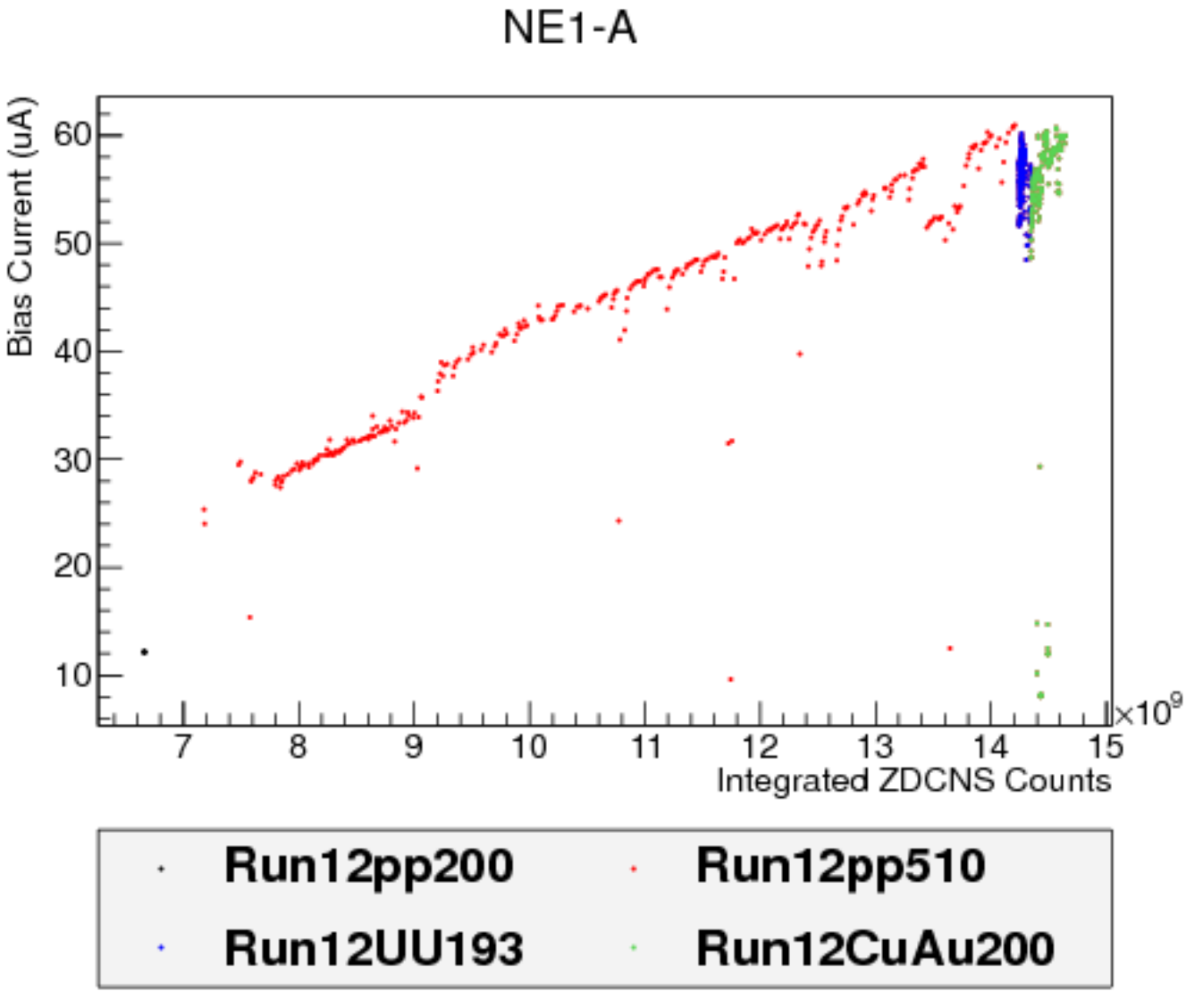
×10^9
Integrated ZDCNS Counts


NE1-A
Bias Current (uA)
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30
20
10
7
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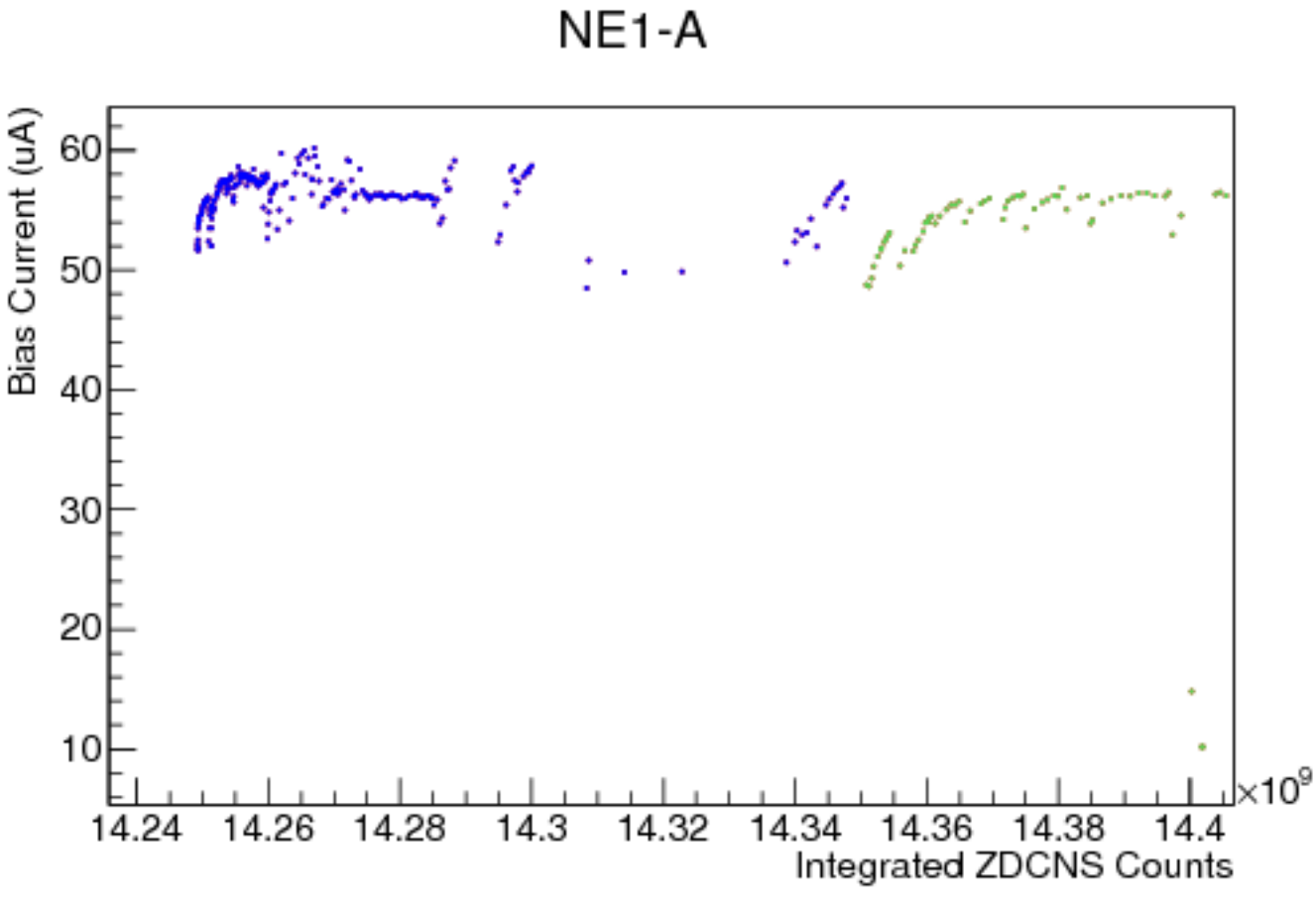
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


NE1-A
Bias Current (uA)
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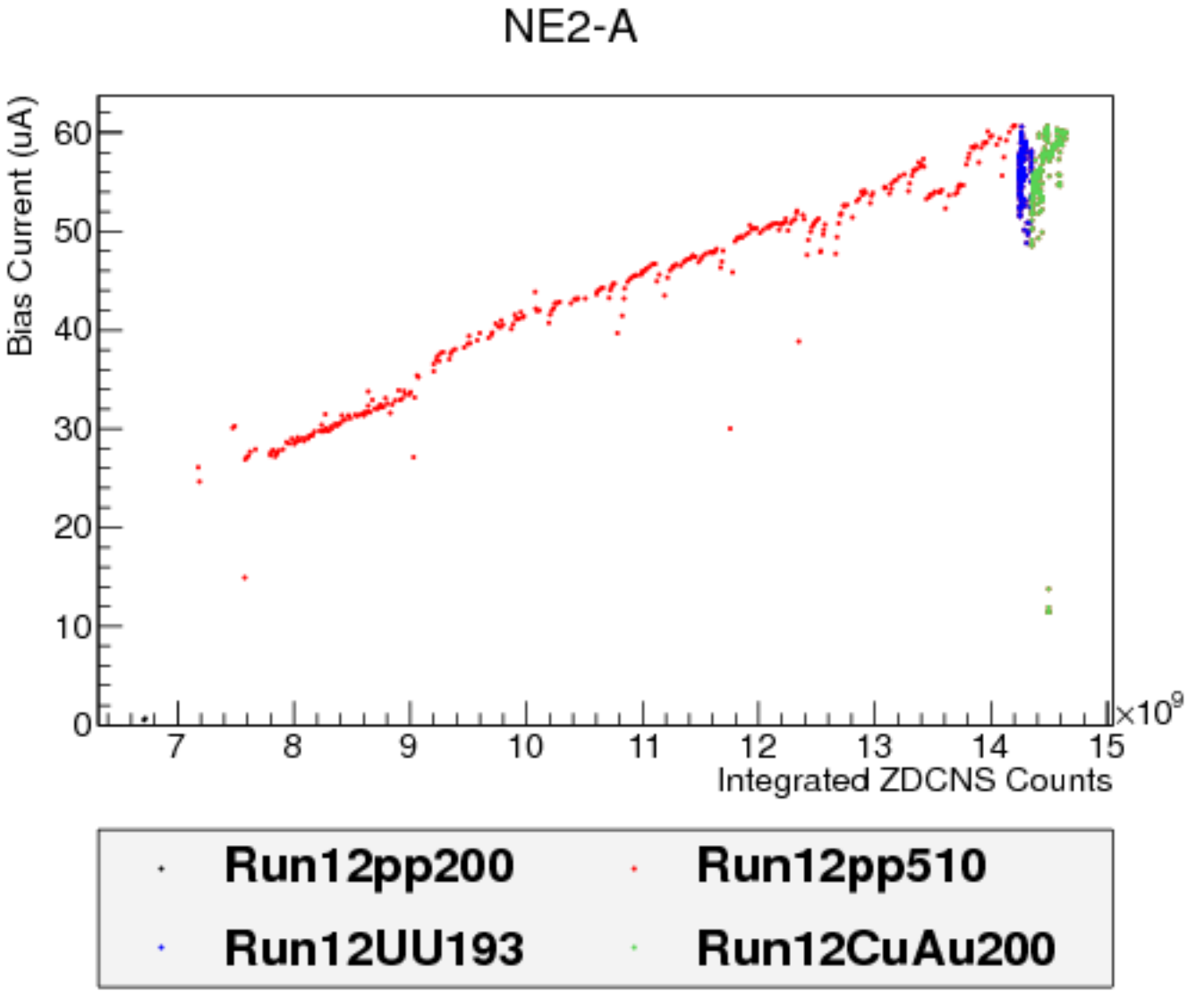
14.4
×10^9
Integrated ZDCNS Counts


NE2-A
Bias Current (uA)
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7
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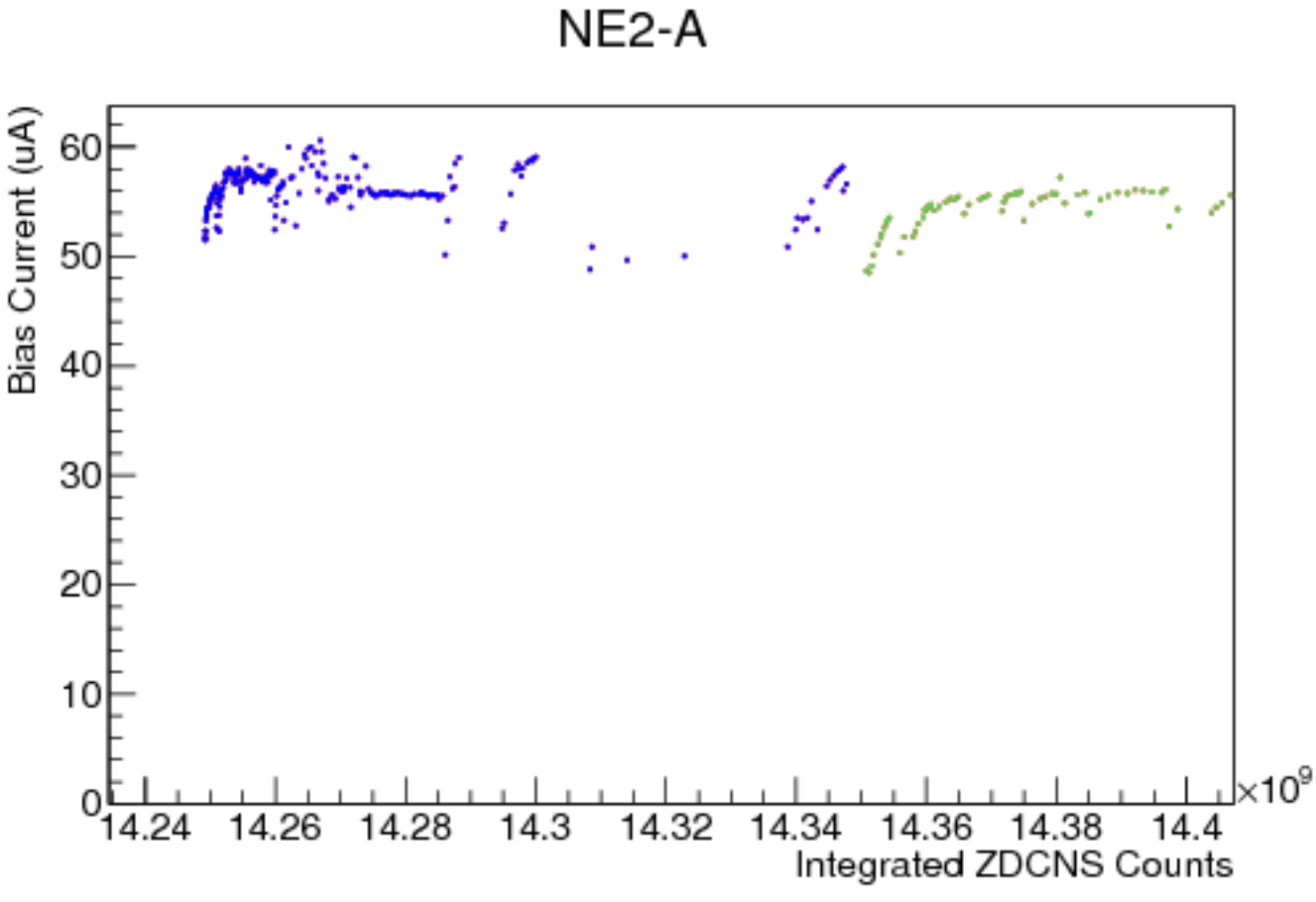
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


NE2-A
Bias Current (uA)
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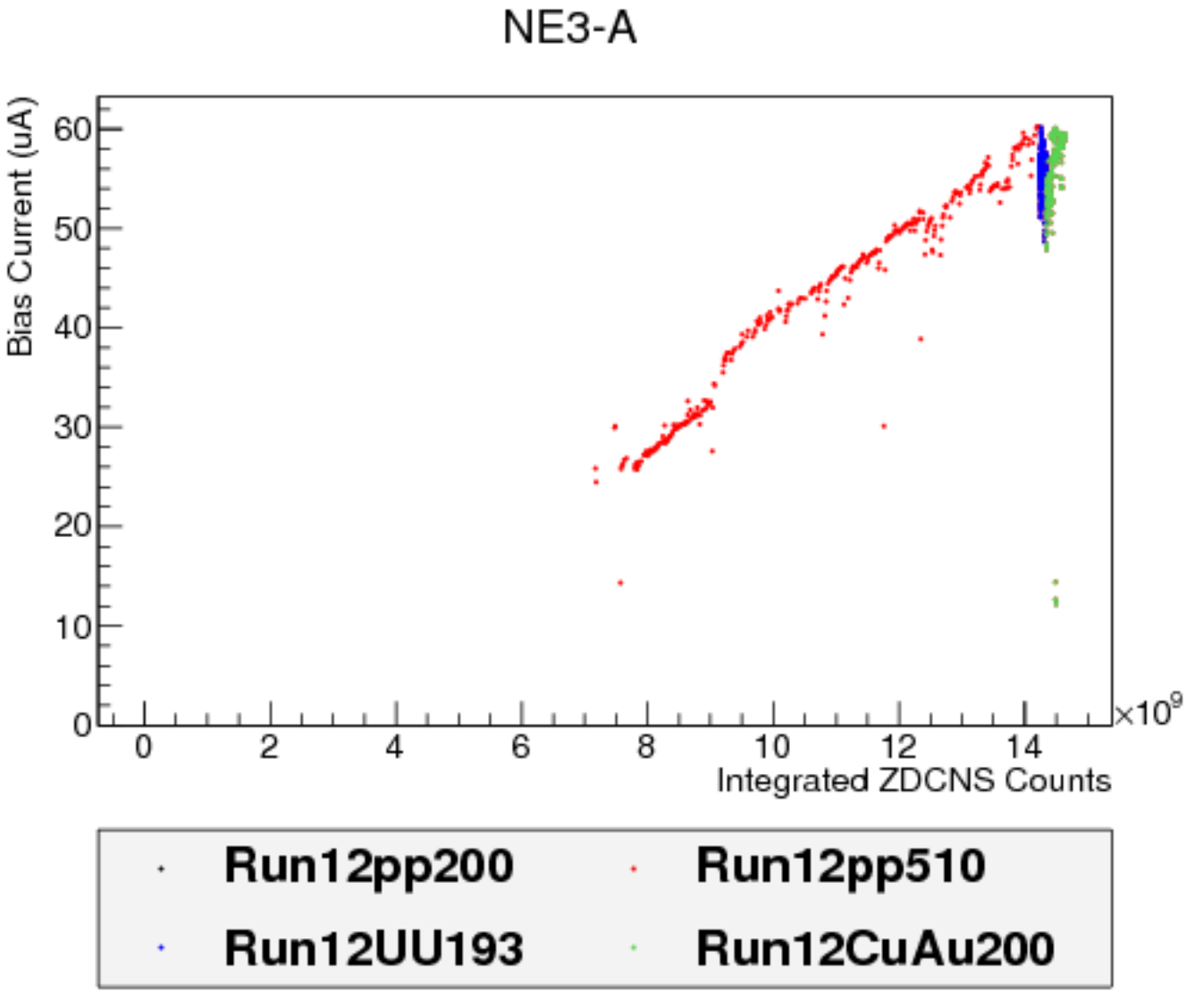
×10^9
Integrated ZDCNS Counts


NE3-A
Bias Current (uA)
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×10^9
Integrated ZDCNS Counts
Run12pp200
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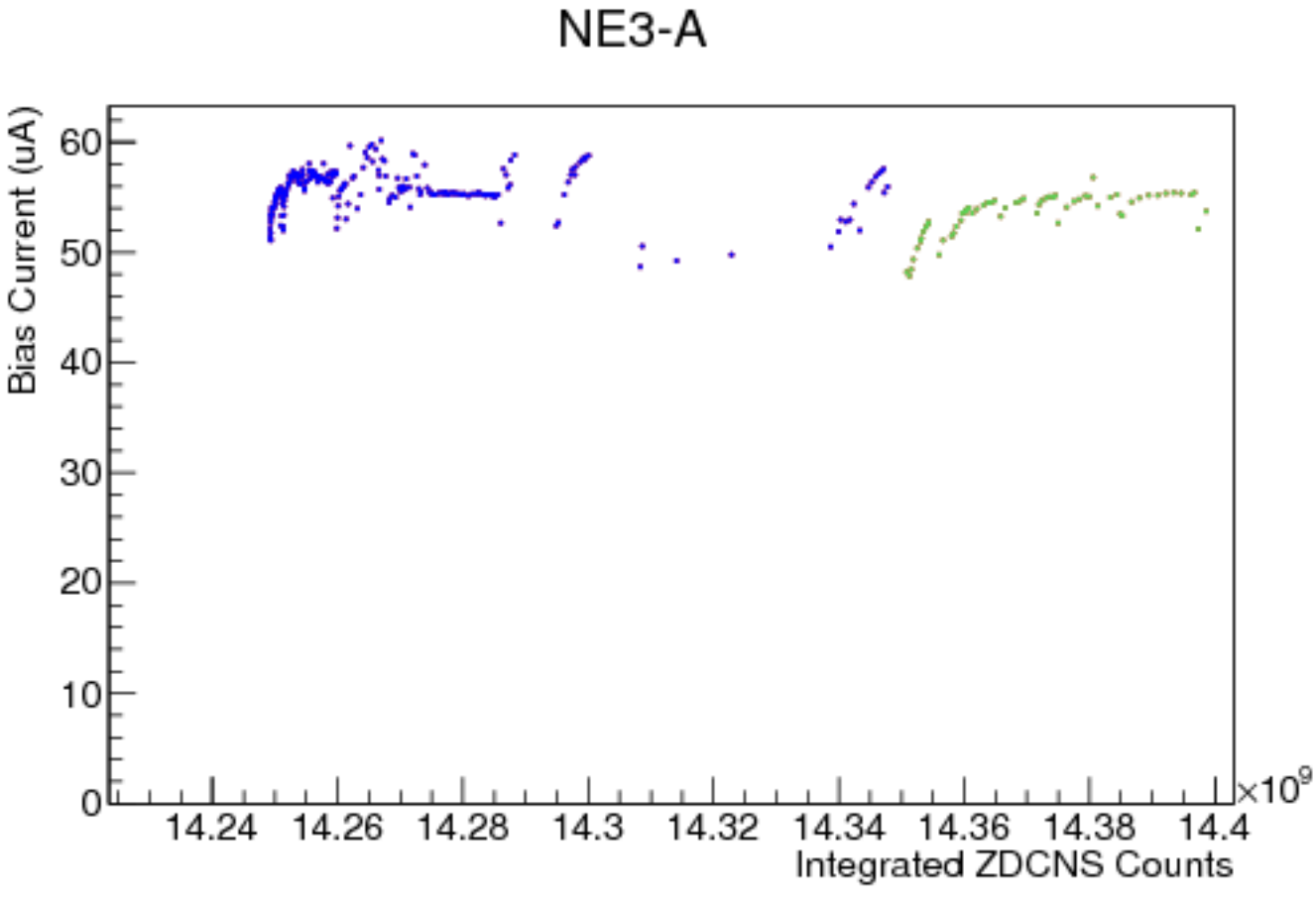
Run12UU193
Run12CuAu200


NE3-A
Bias Current (uA)
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14.38
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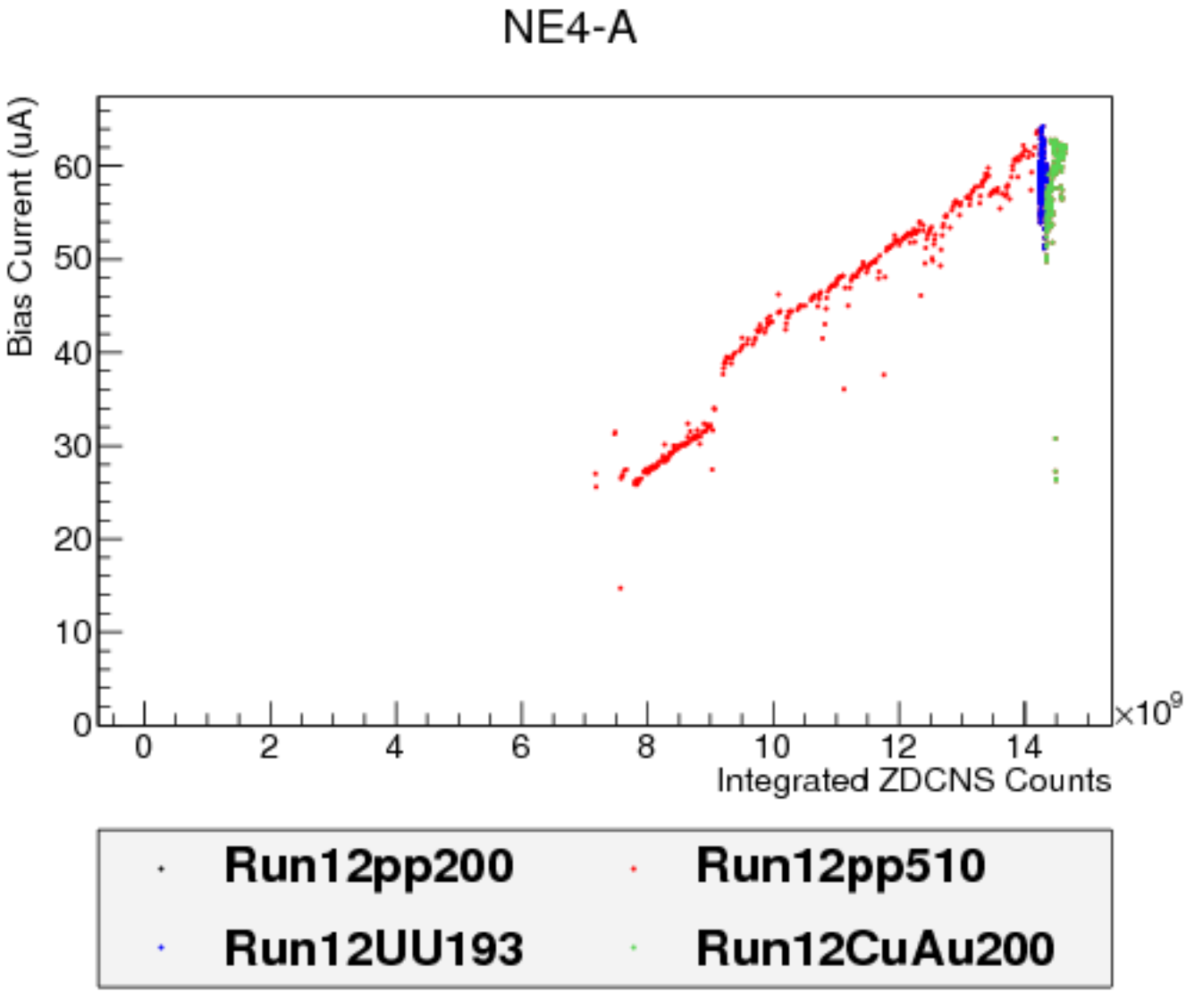
×10^9
Integrated ZDCNS Counts


NE4-A
Bias Current (uA)
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50
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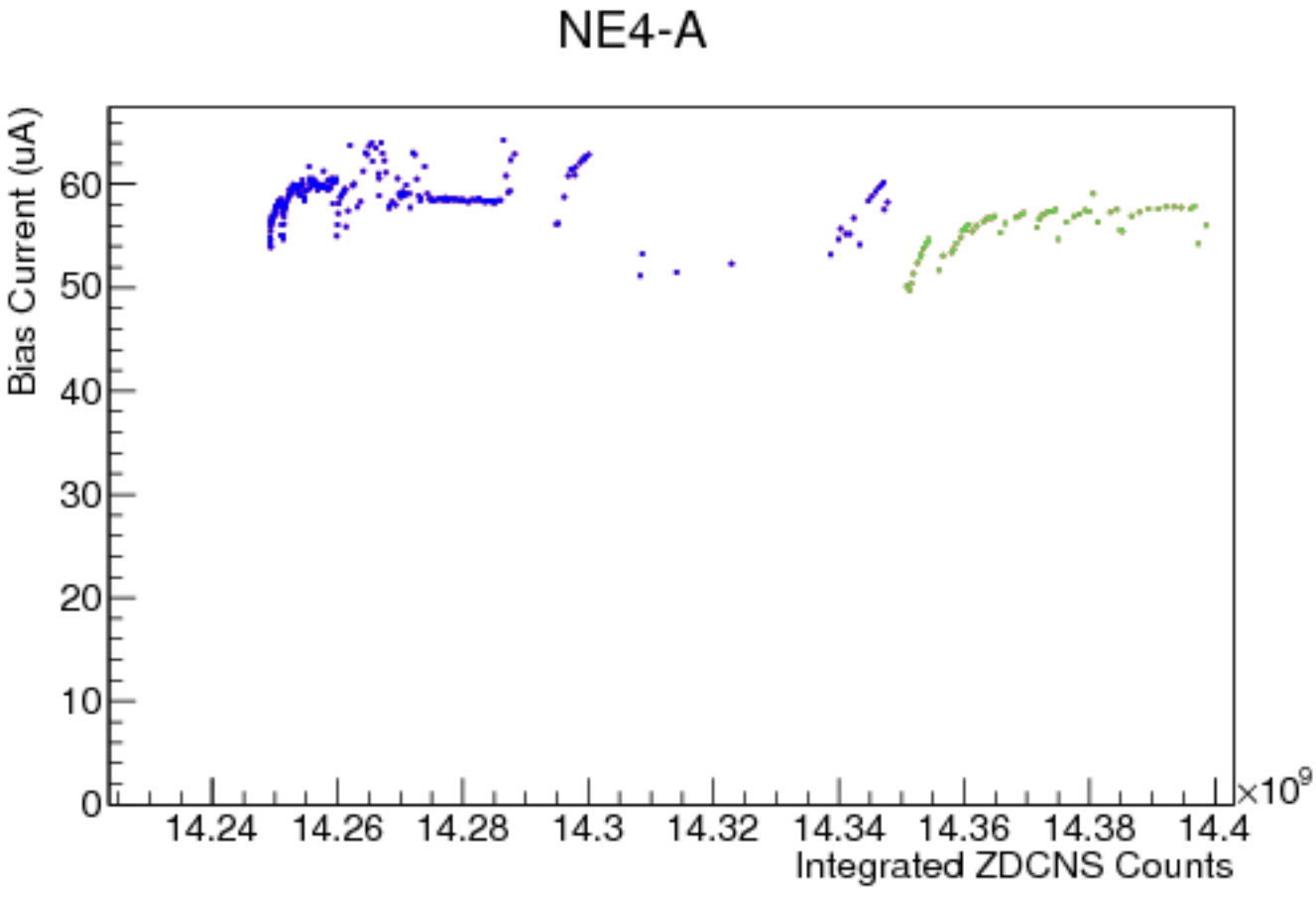
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


NE4-A
Bias Current (uA)
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50
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14.38
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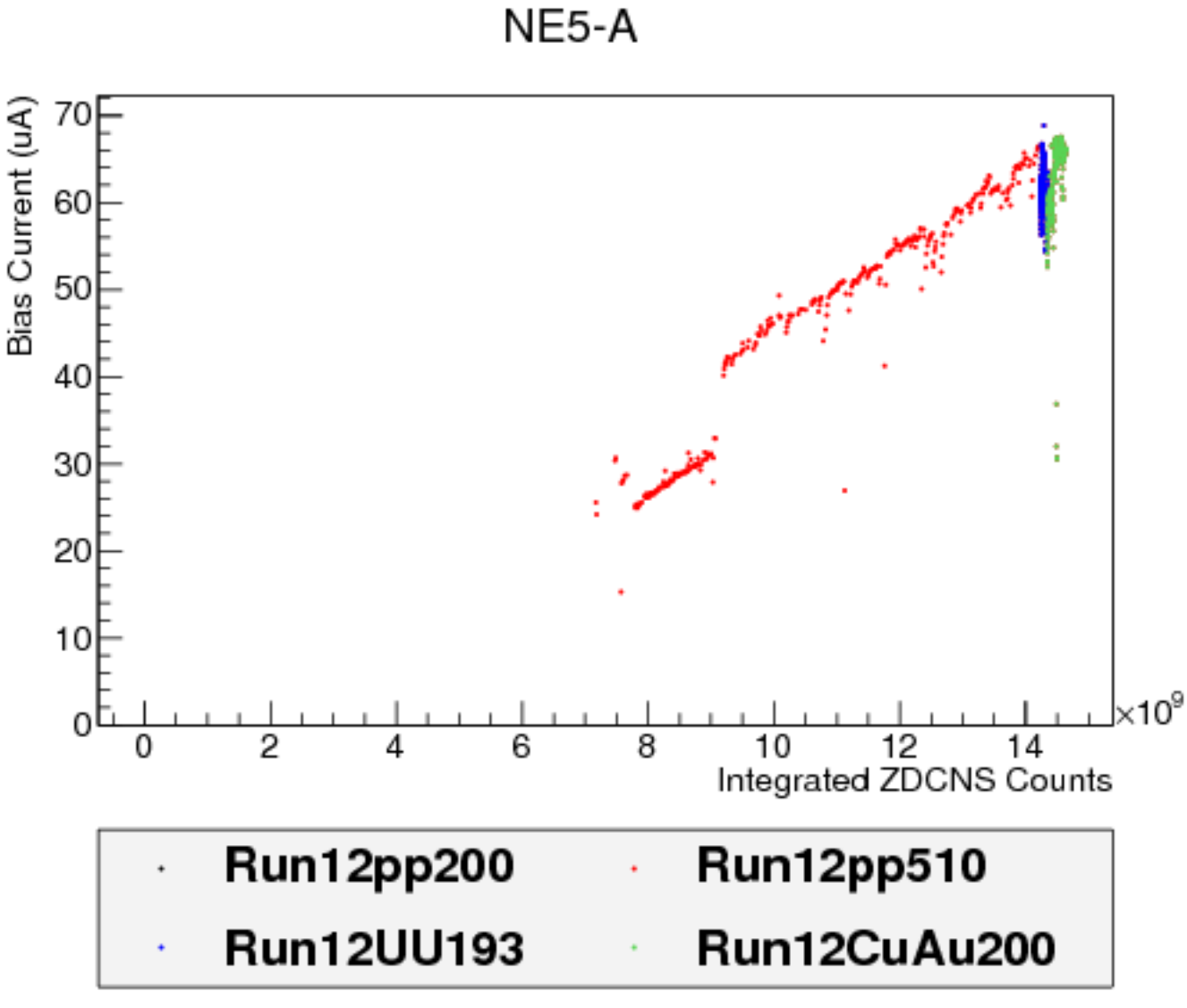
×10^9
Integrated ZDCNS Counts


NE5-A
Bias Current (uA)
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×10^9
Integrated ZDCNS Counts
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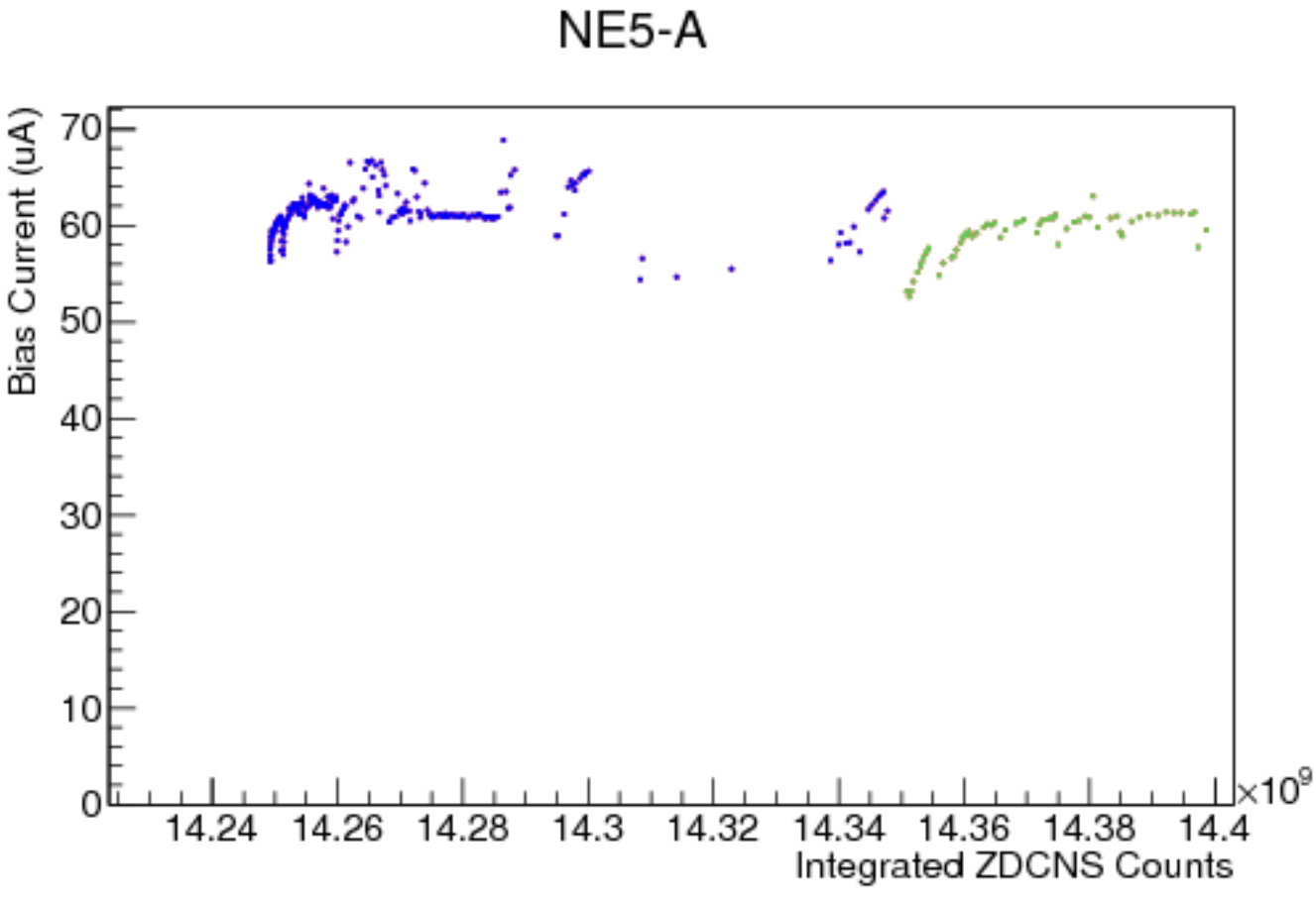
Run12pp510
Run12UU193
Run12CuAu200


NE5-A
Bias Current (uA)
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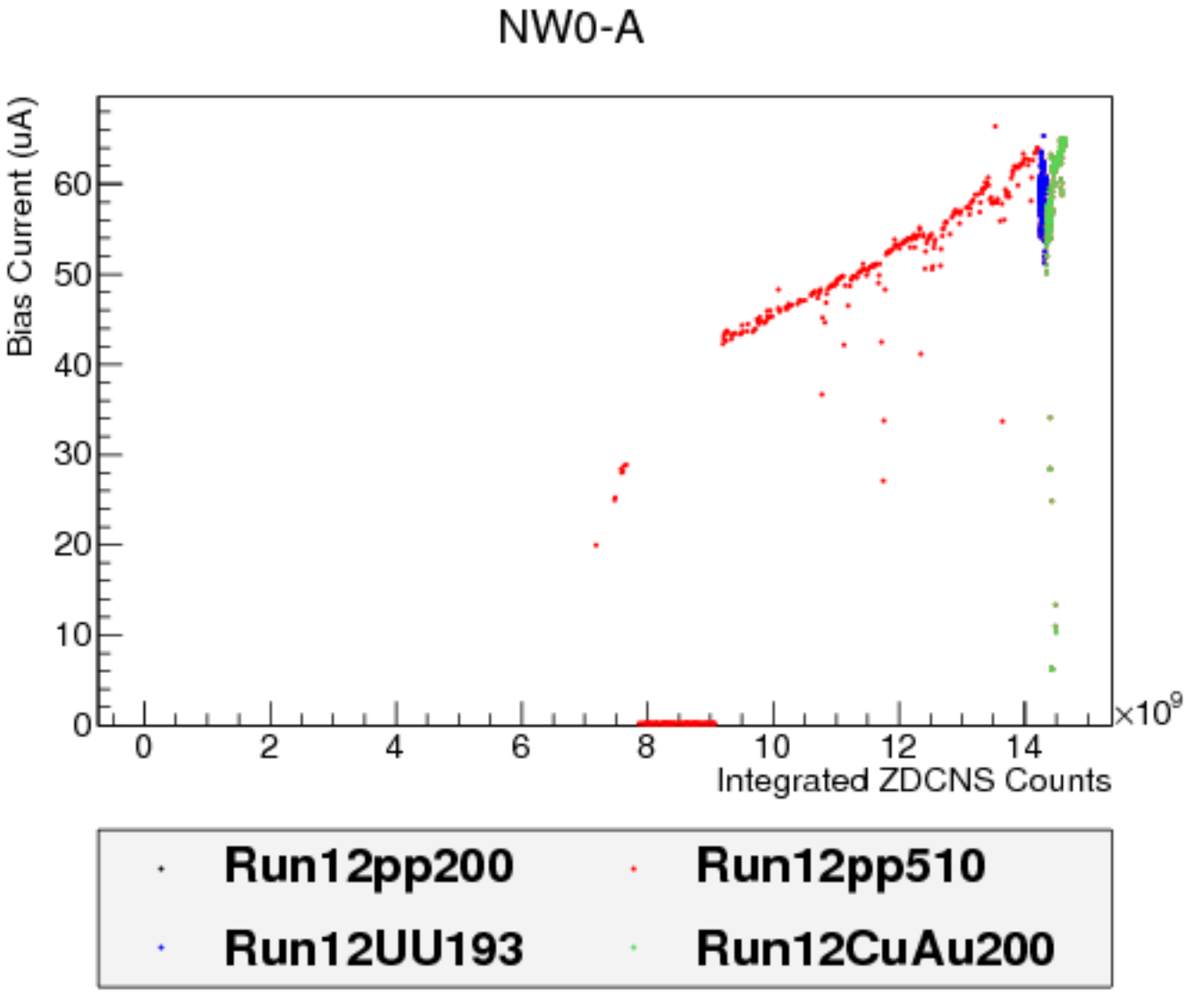
×10^9
Integrated ZDCNS Counts


NW0-A
Bias Current (uA)
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60
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×10^9
Integrated ZDCNS Counts
Run12pp200
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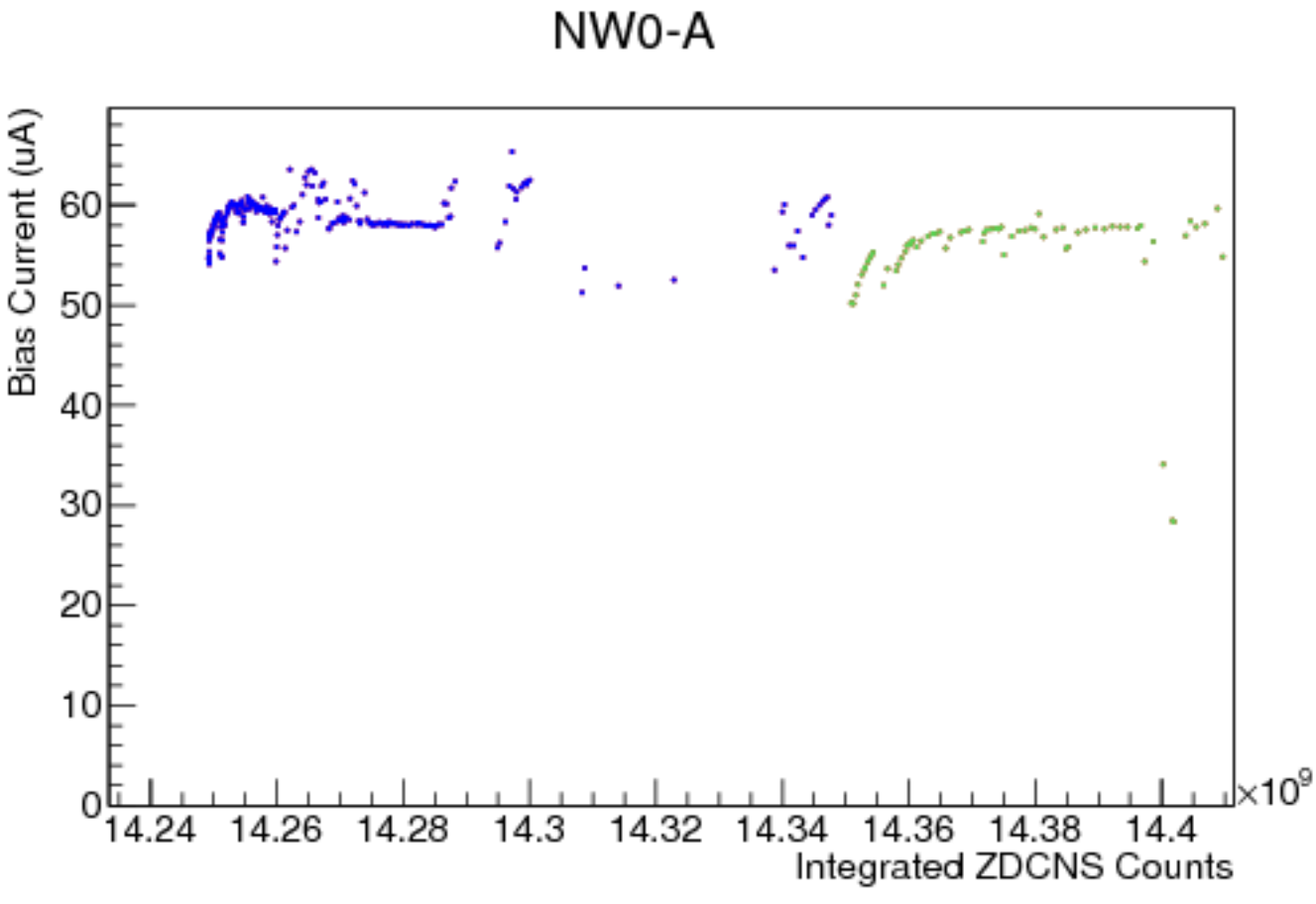
Run12UU193
Run12CuAu200


NW0-A
Bias Current (uA)
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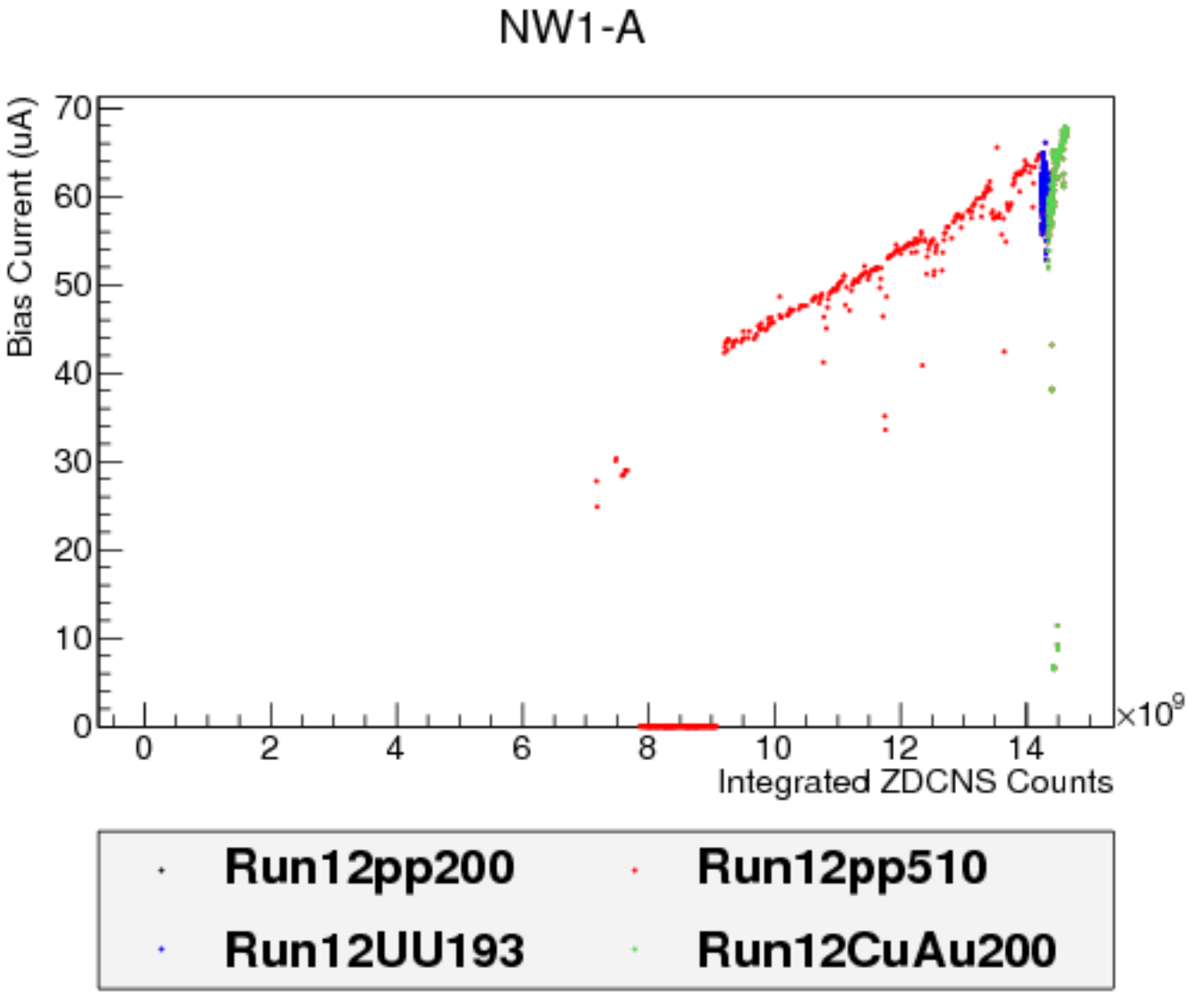
×10^9
Integrated ZDCNS Counts


NW1-A
Bias Current (uA)
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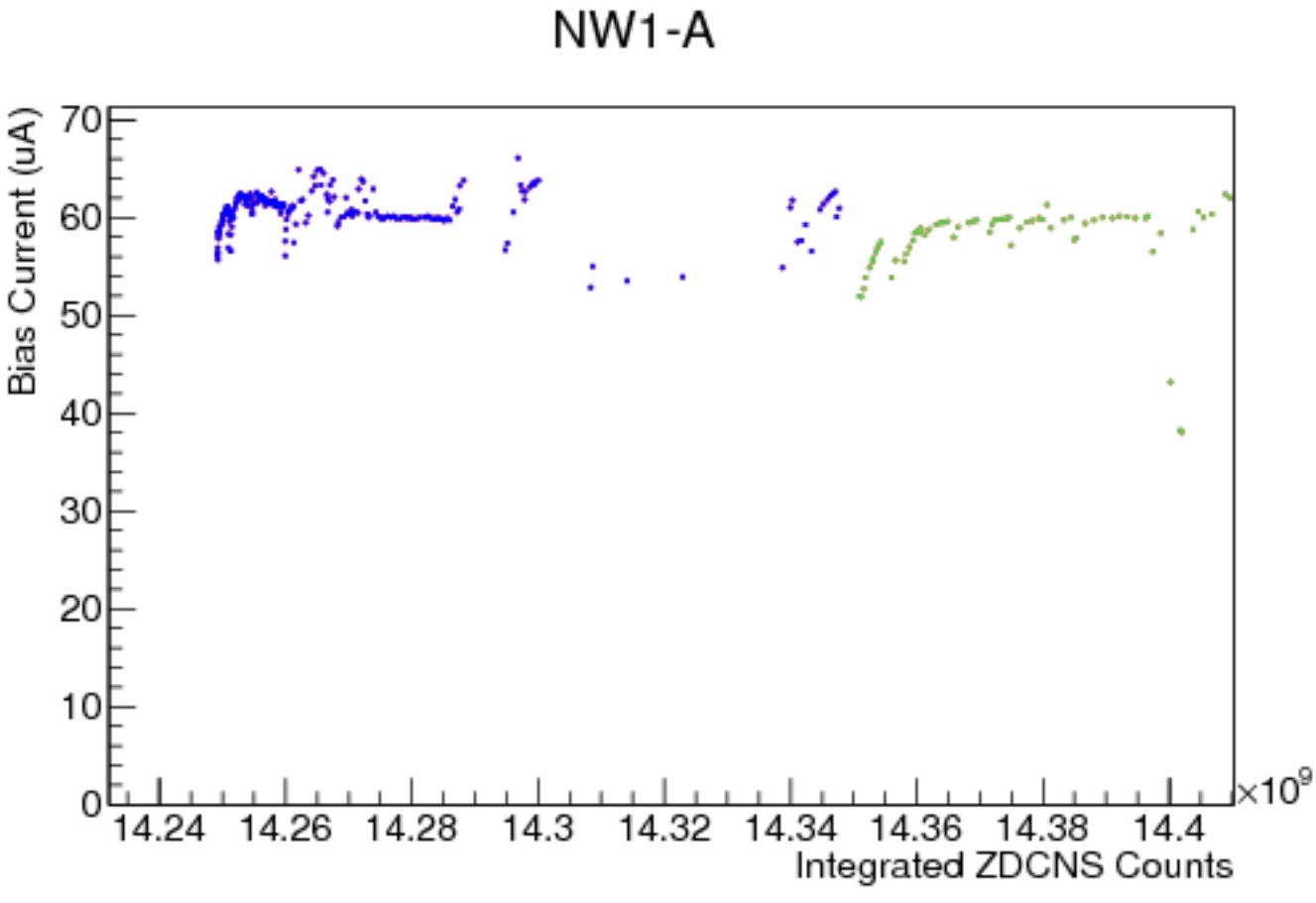
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


NW1-A
Bias Current (uA)
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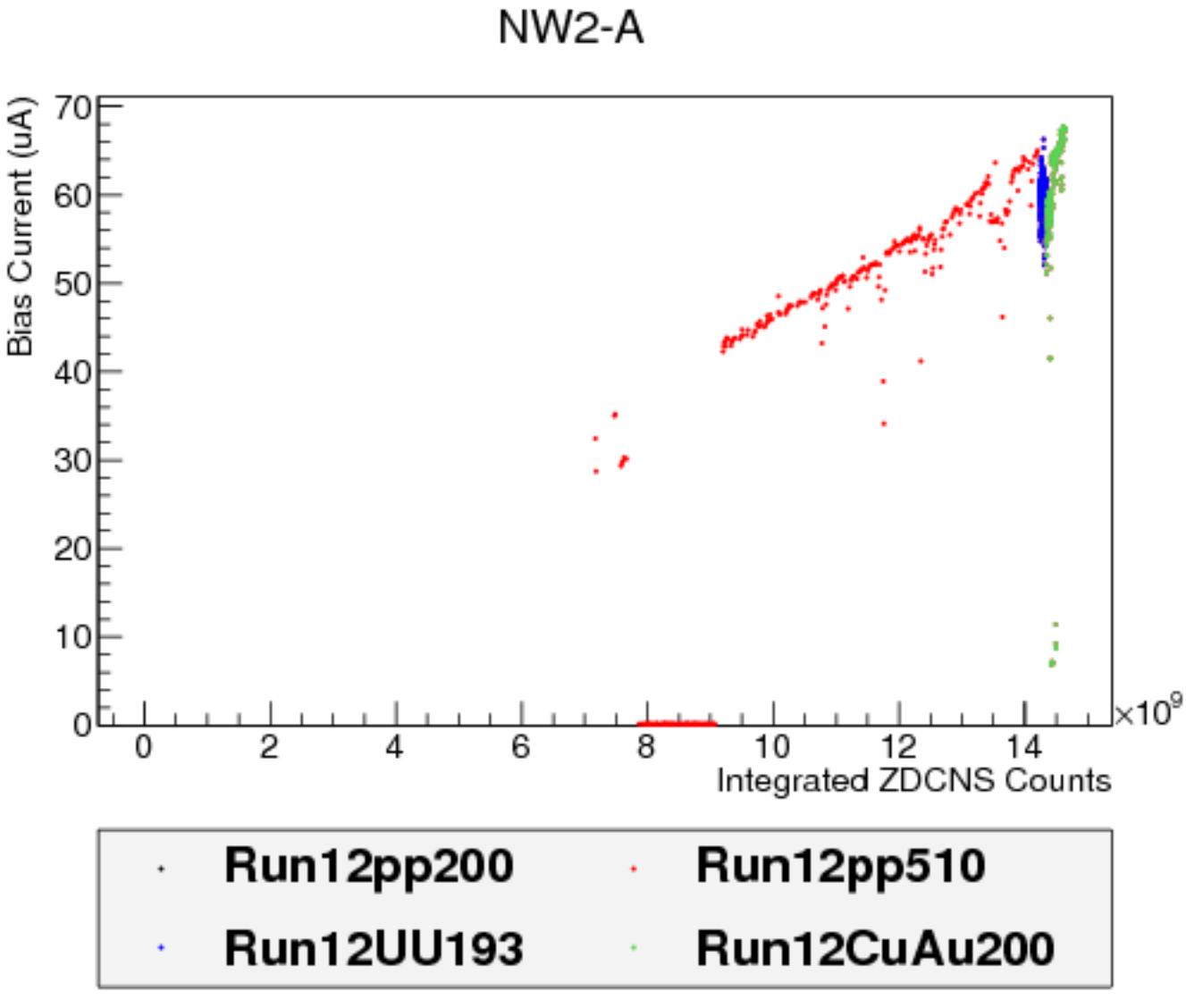
Integrated ZDCNS Counts


NW2-A
Bias Current (uA)
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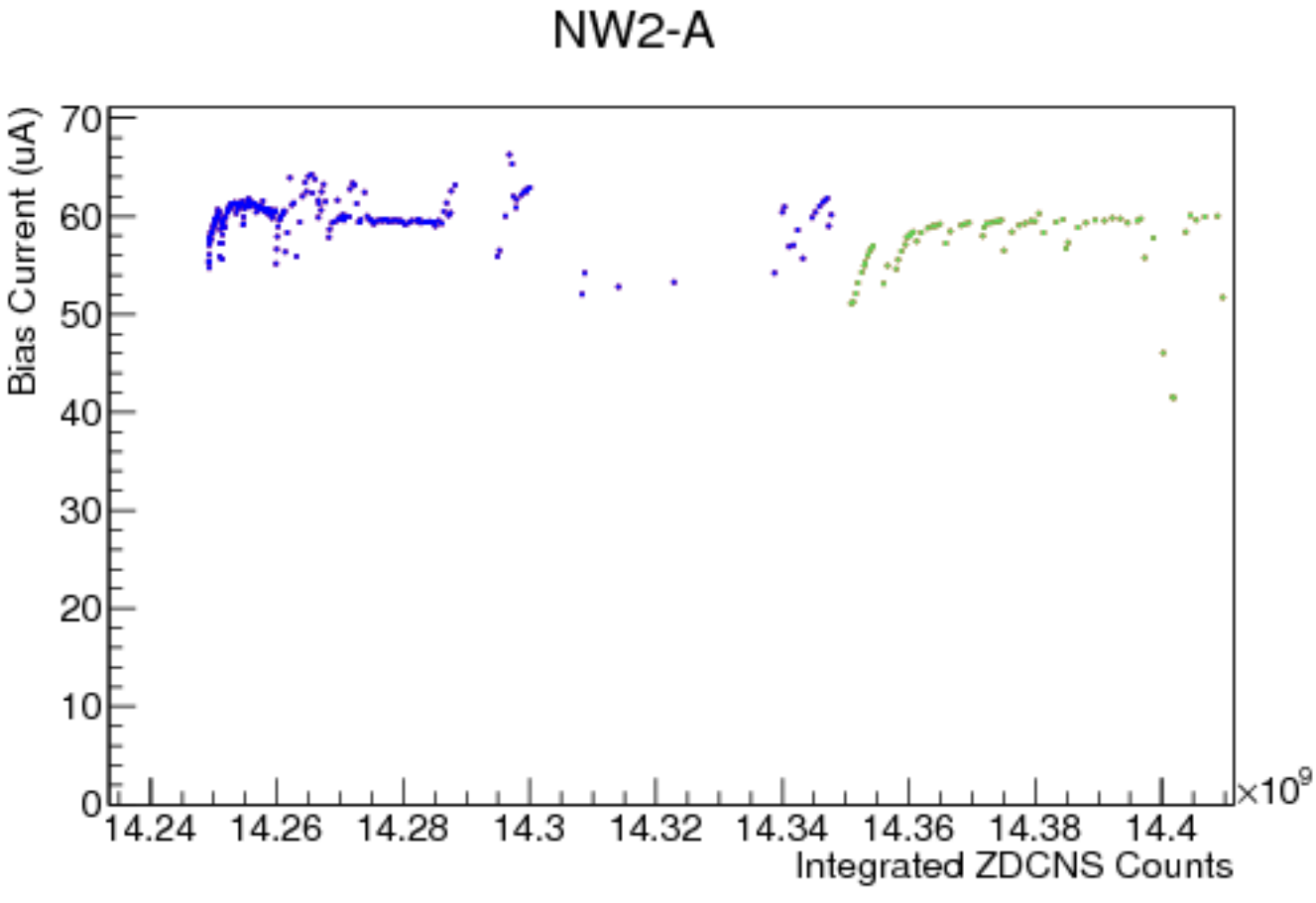
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


NW2-A
Bias Current (uA)
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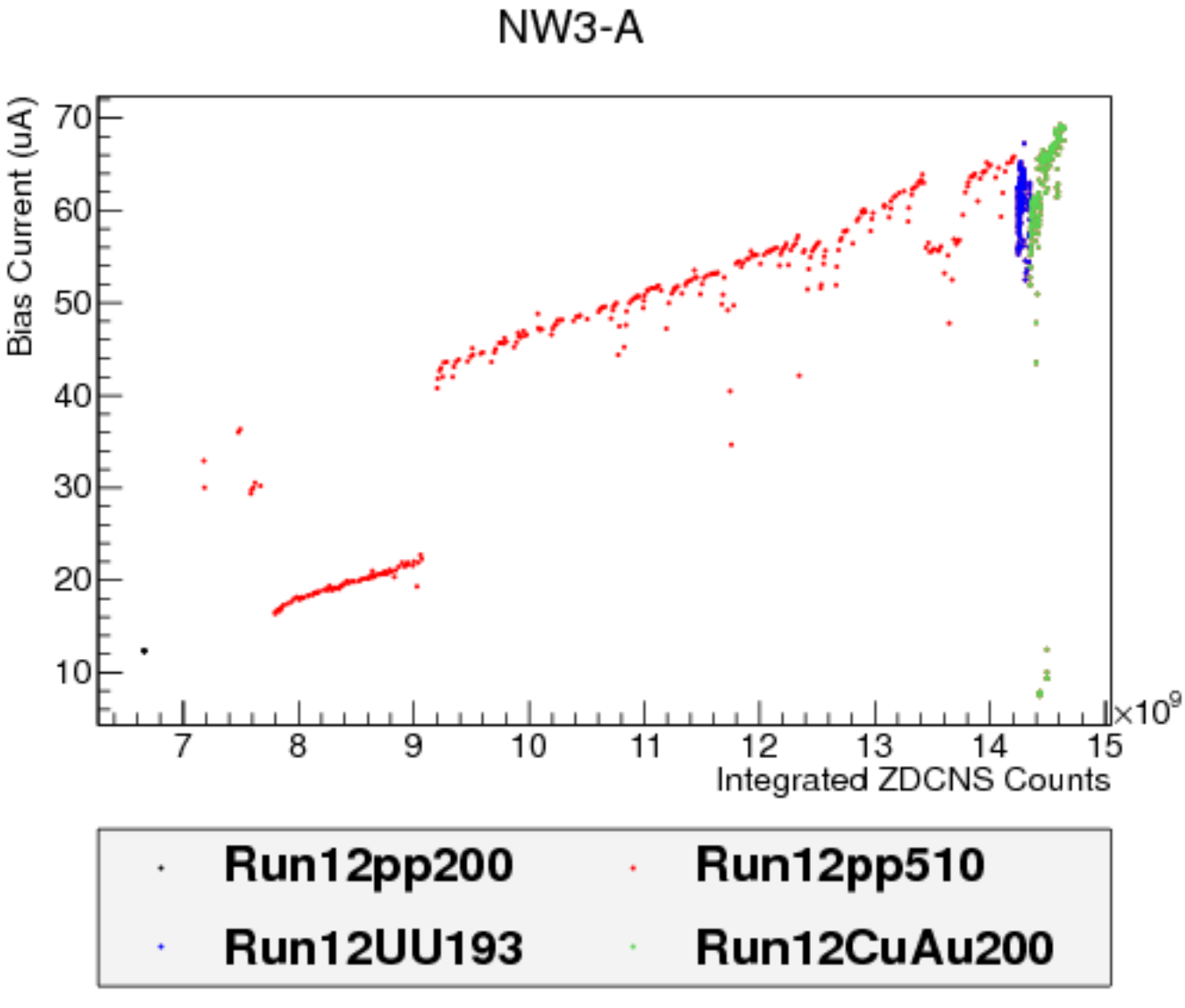
Integrated ZDCNS Counts


NW3-A
Bias Current (uA)
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×10^9
Integrated ZDCNS Counts
Run12pp200
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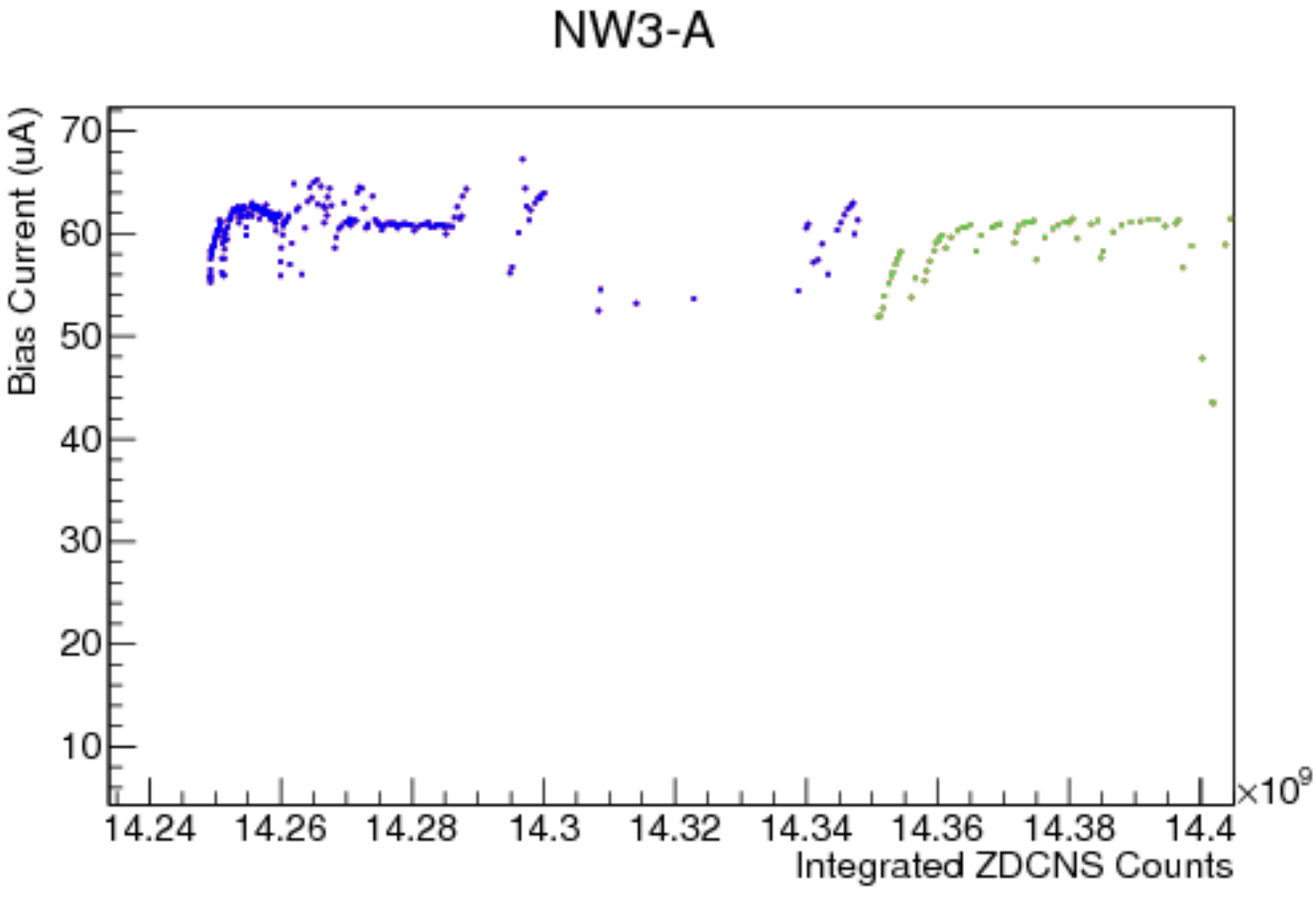
Run12UU193
Run12CuAu200


NW3-A
Bias Current (uA)
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14.38
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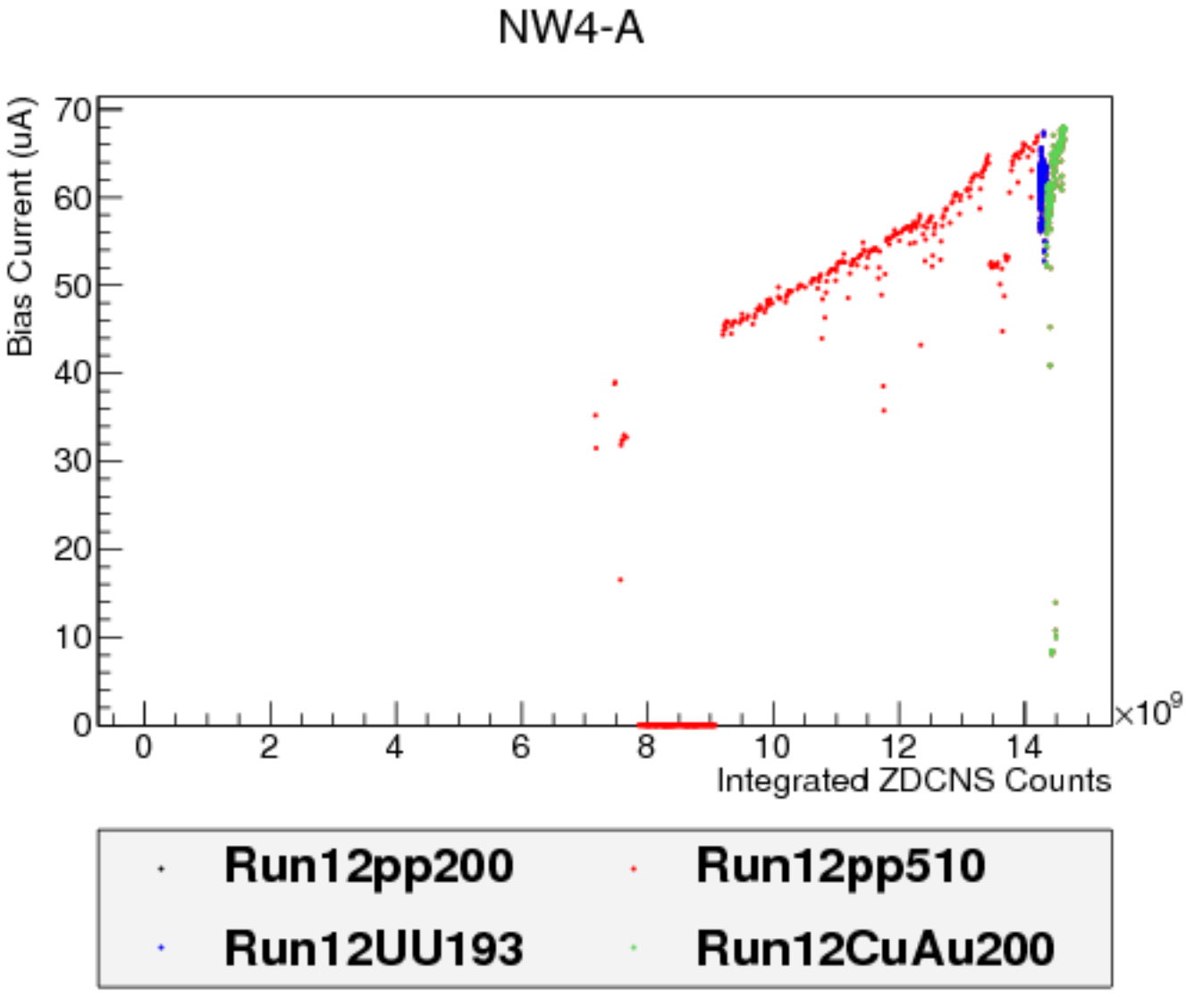
×10^9
Integrated ZDCNS Counts


NW4-A
Bias Current (uA)
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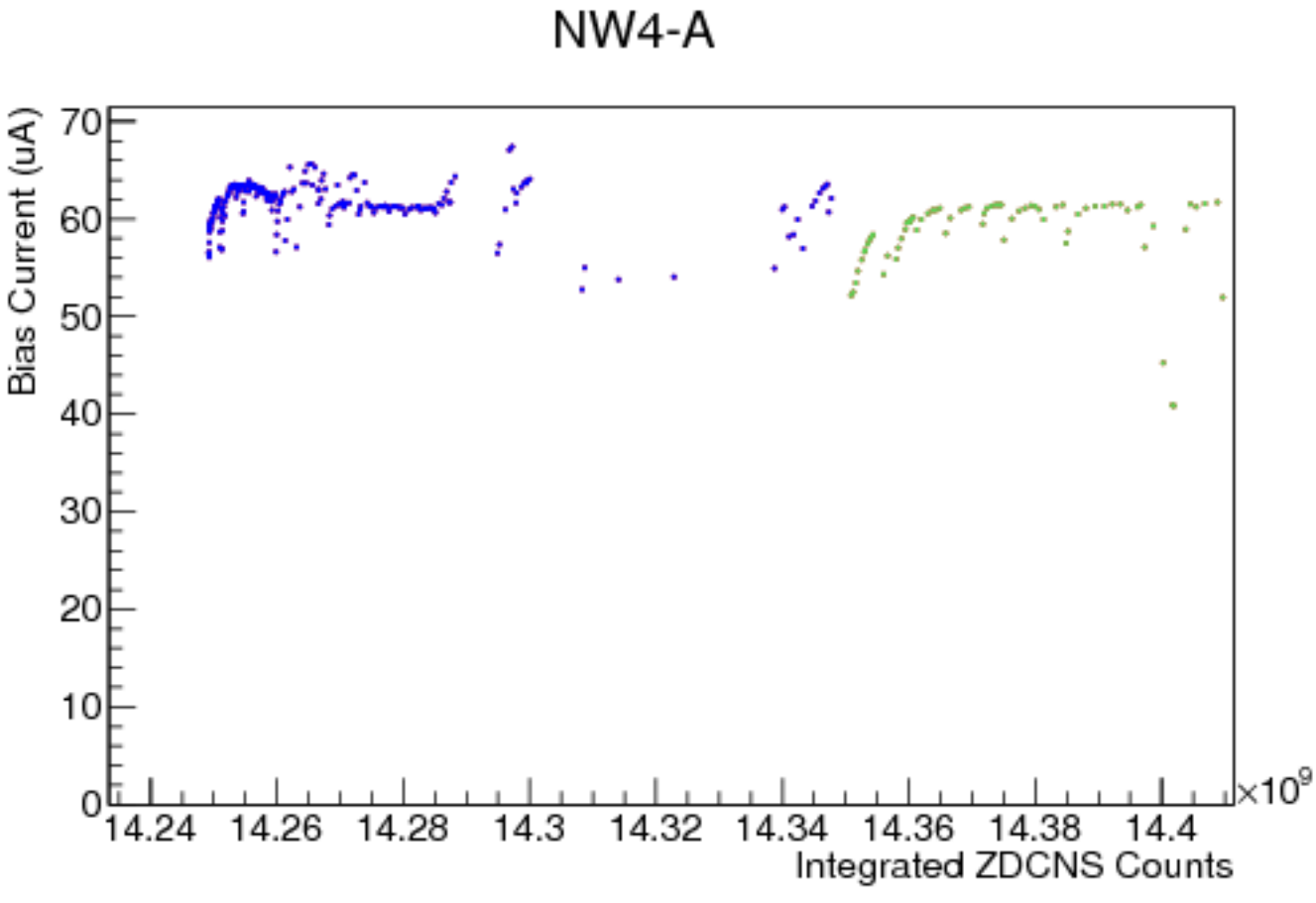
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


NW4-A
Bias Current (uA)
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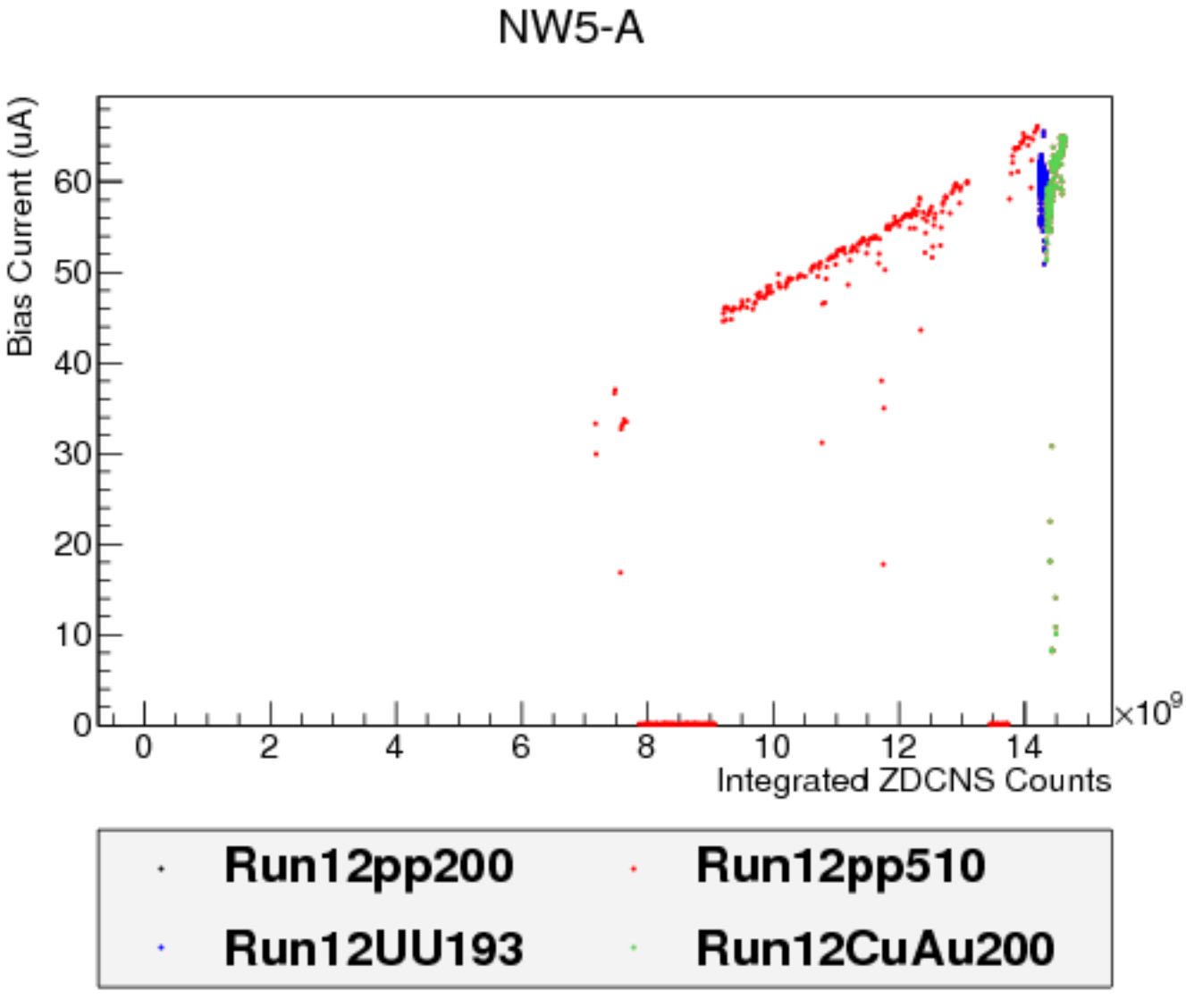
×10^9
Integrated ZDCNS Counts


NW5-A
Bias Current (uA)
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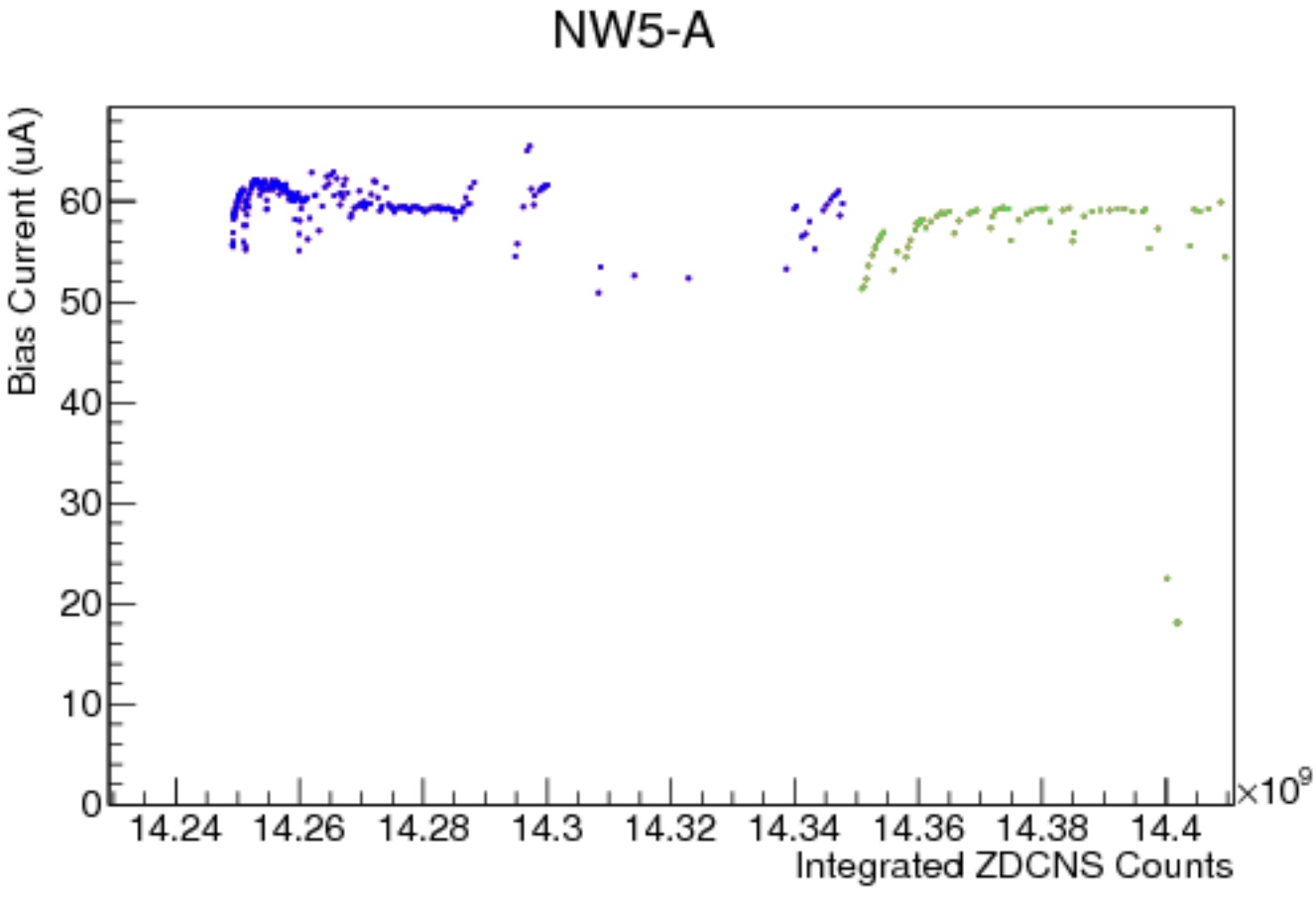
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


NW5-A
Bias Current (uA)
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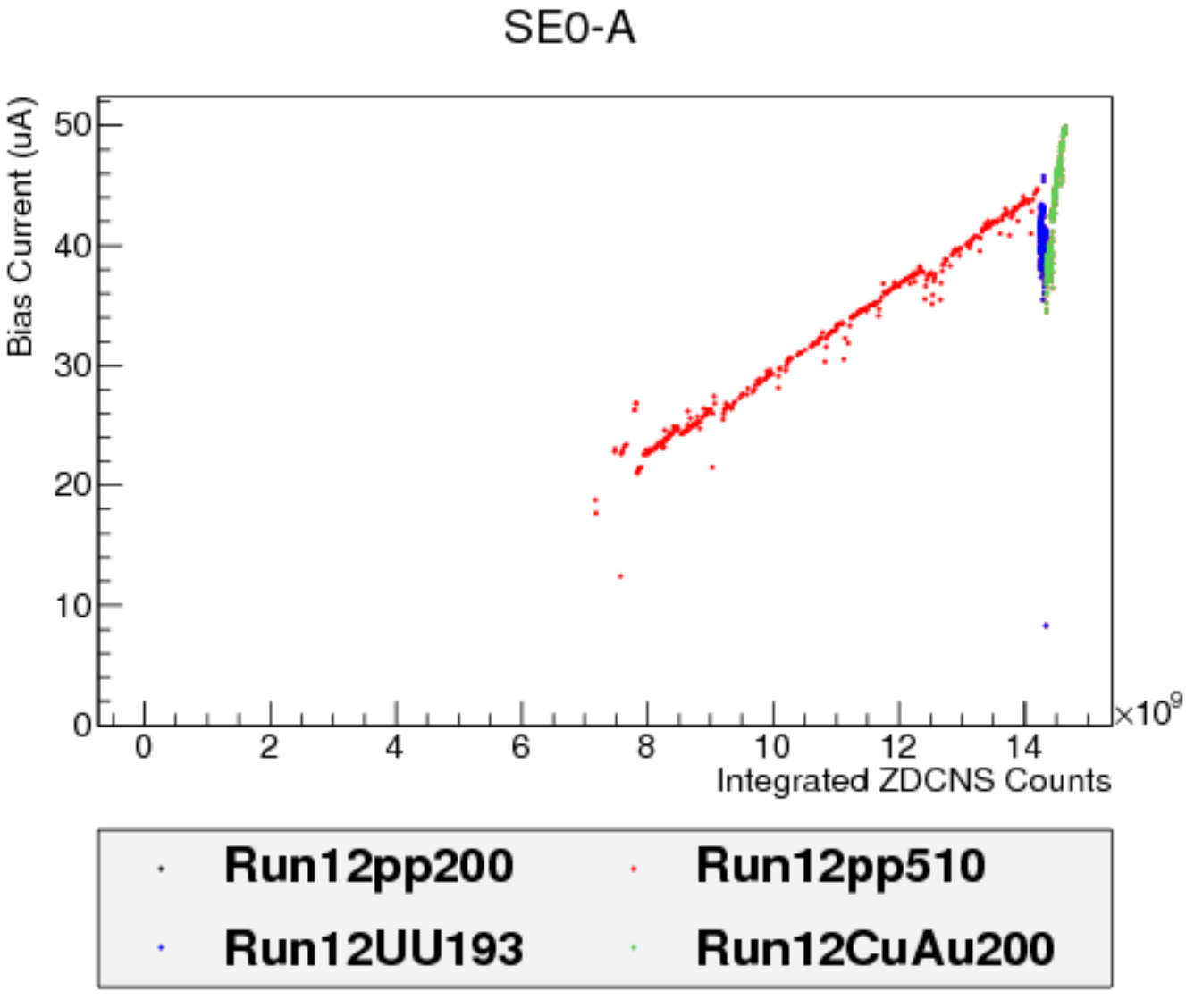
Integrated ZDCNS Counts


SE0-A
Bias Current (uA)
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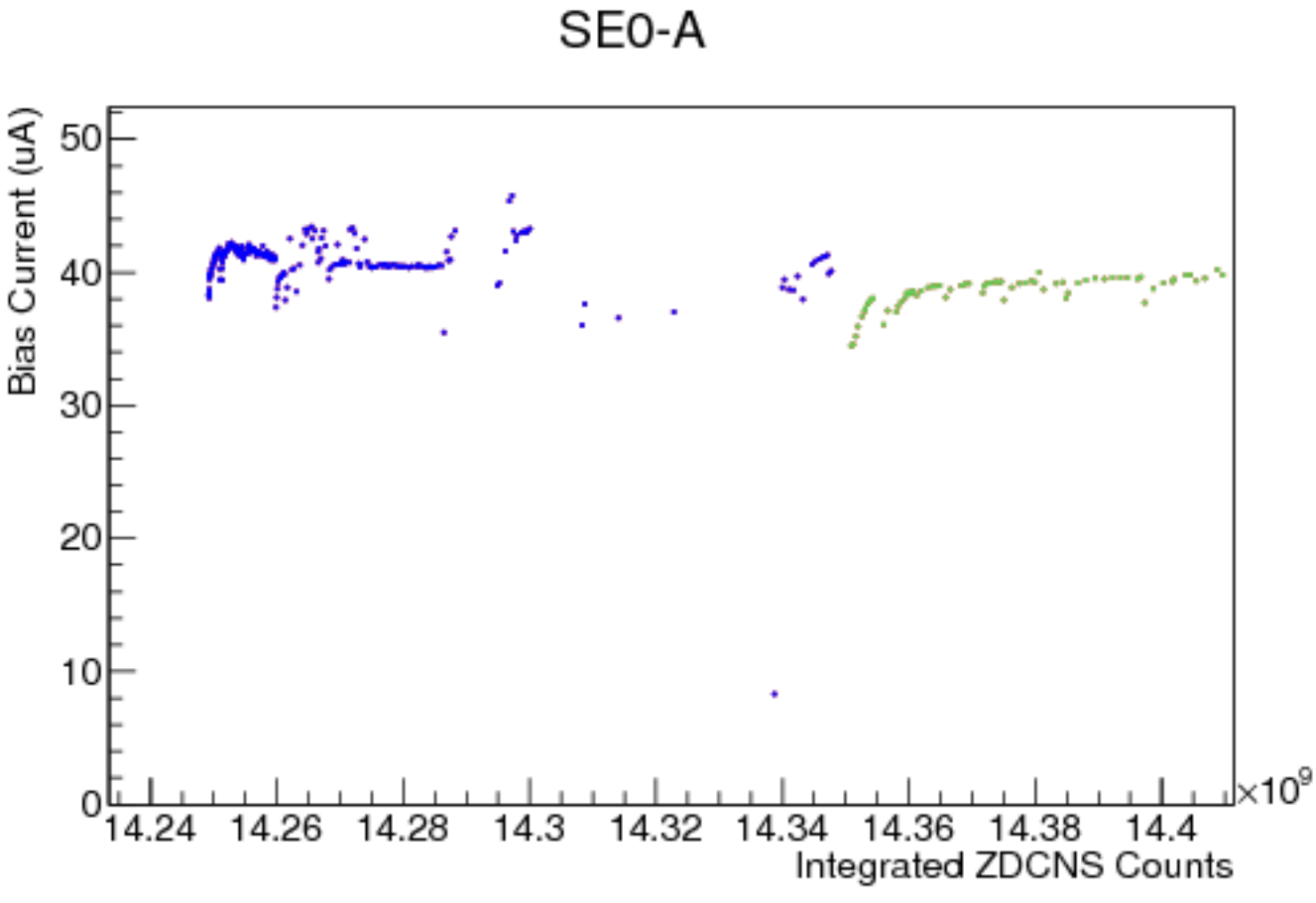
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SE0-A
Bias Current (uA)
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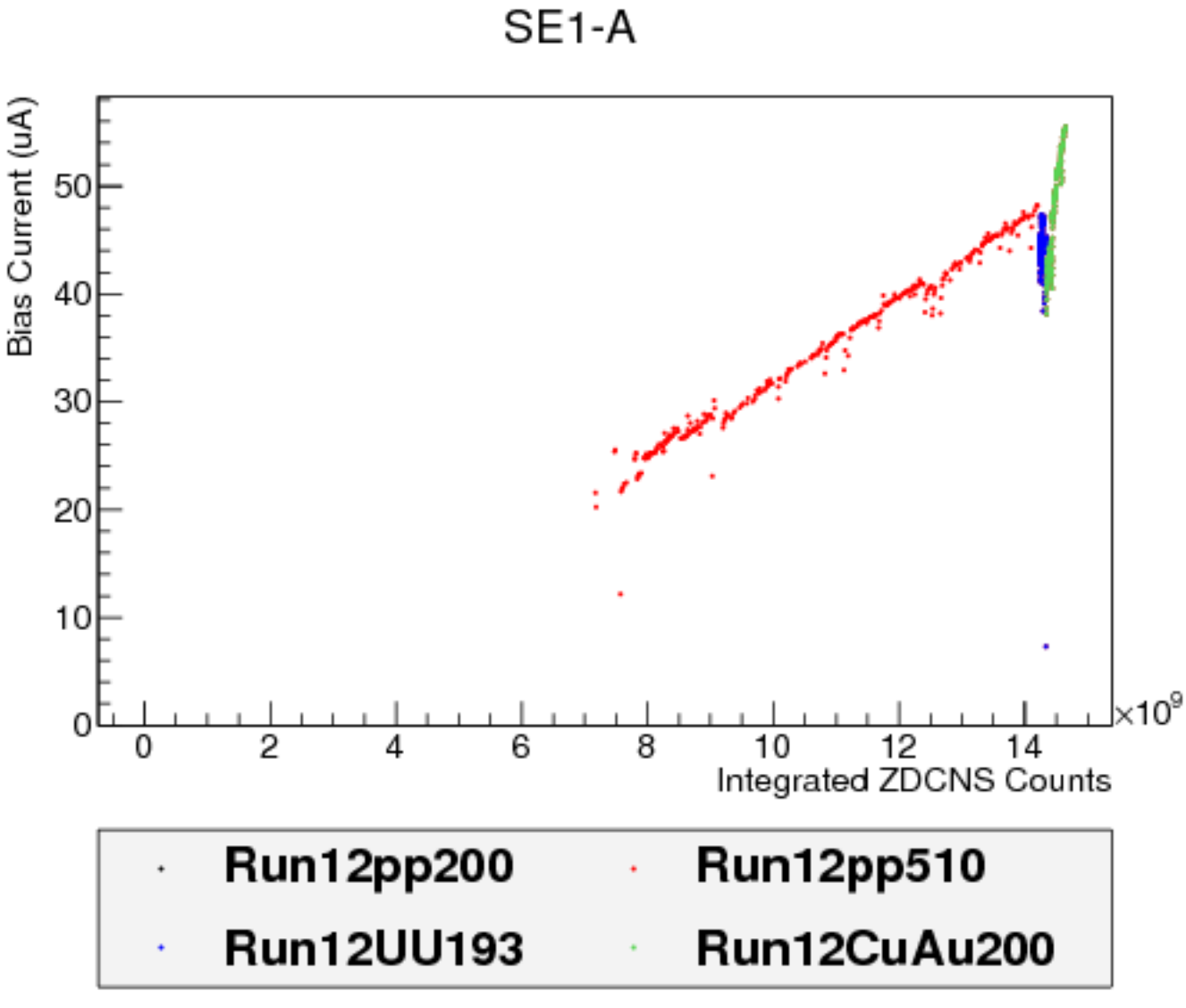
×10^9
Integrated ZDCNS Counts


SE1-A
Bias Current (uA)
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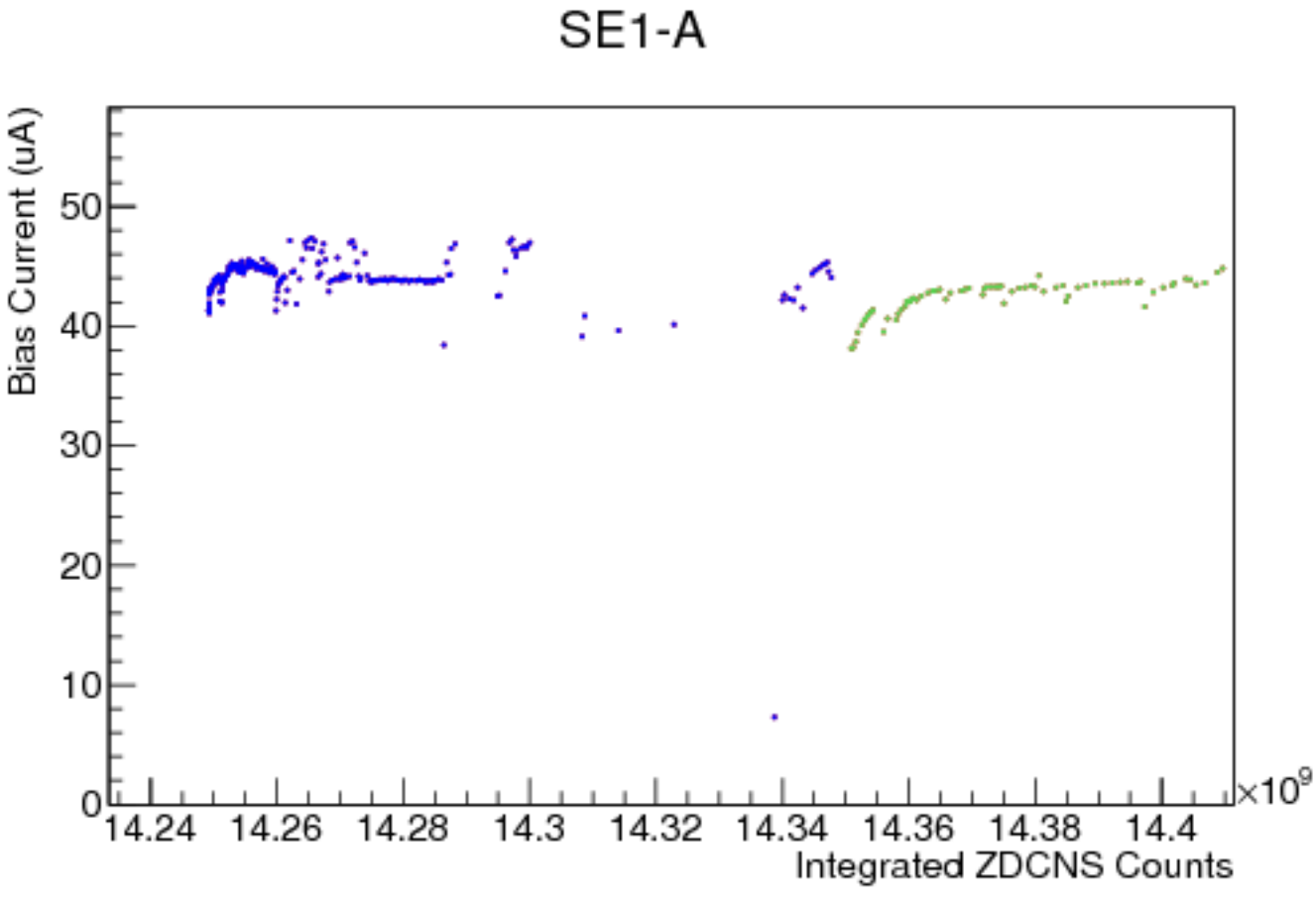
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SE1-A
Bias Current (uA)
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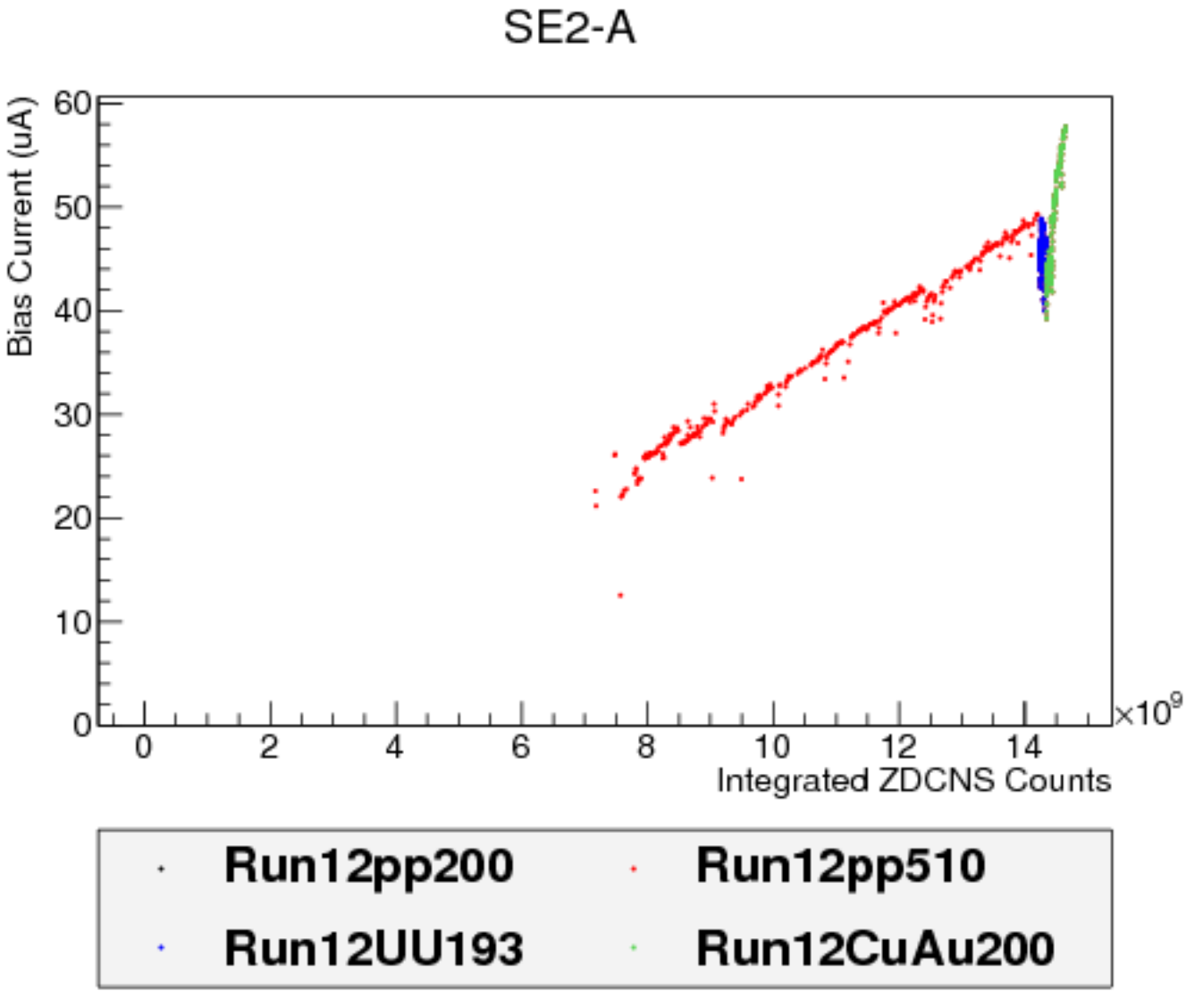
Integrated ZDCNS Counts


SE2-A
Bias Current (uA)
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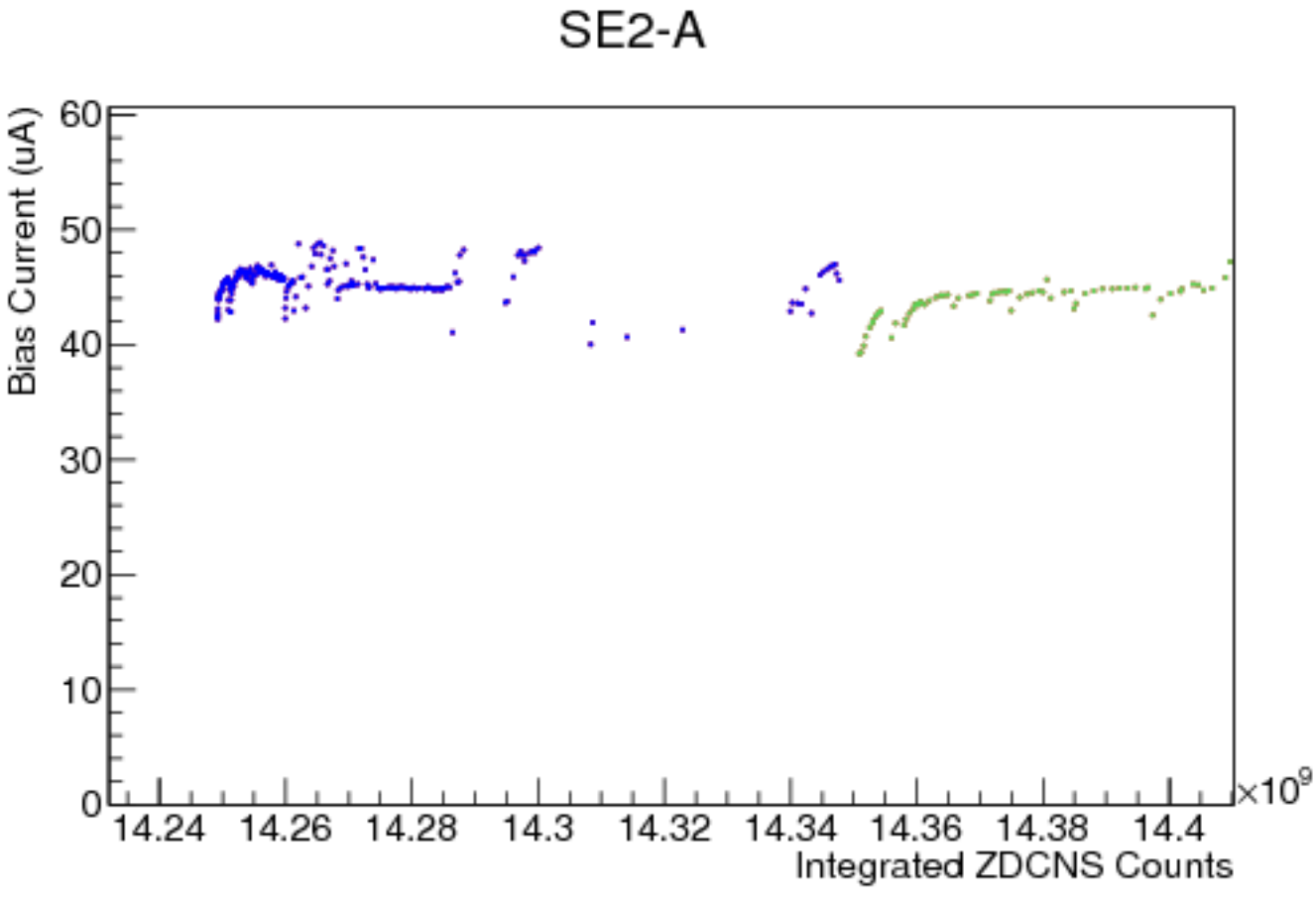
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SE2-A
Bias Current (uA)
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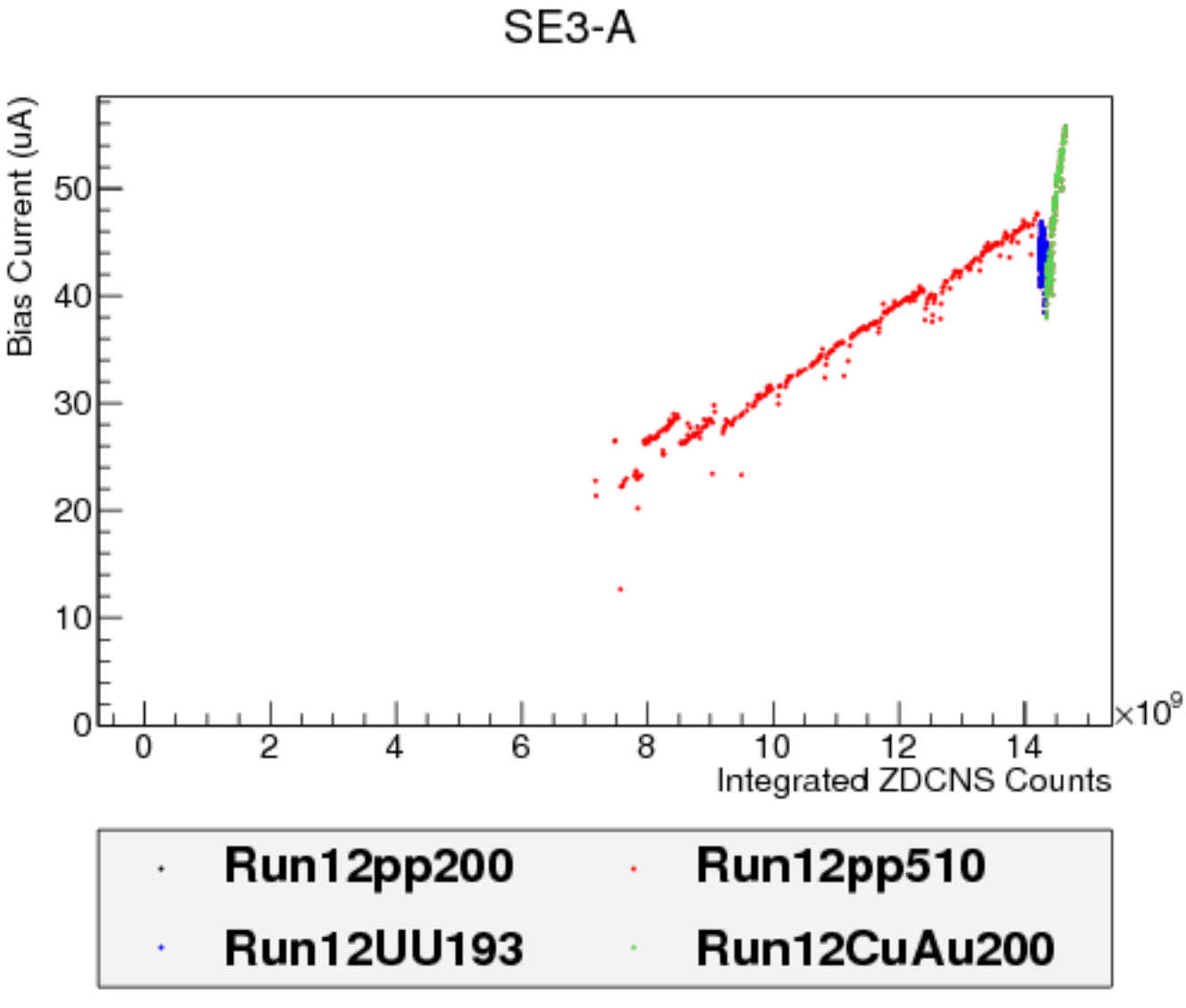
×10^9
Integrated ZDCNS Counts


SE3-A
Bias Current (uA)
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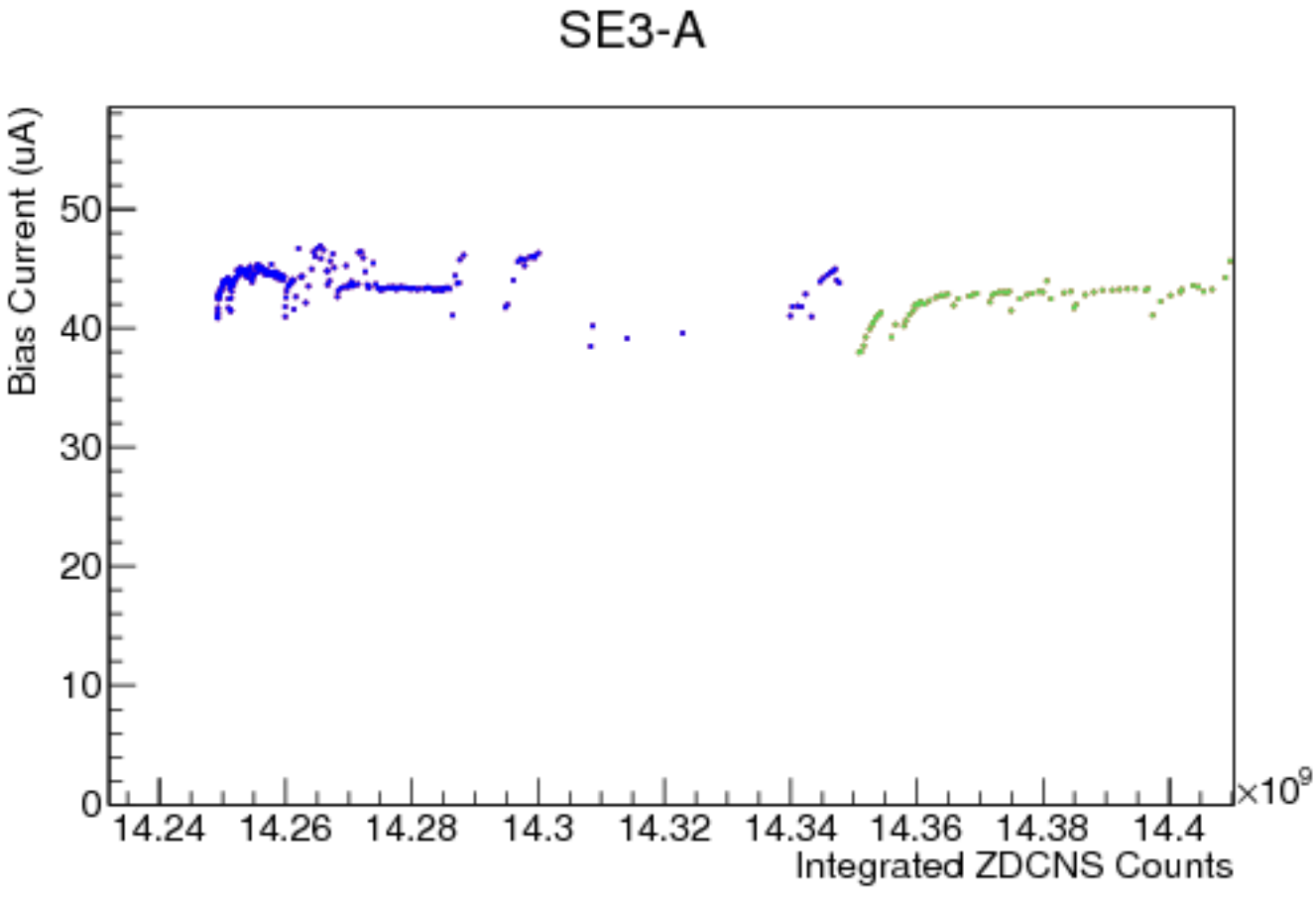
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SE3-A
Bias Current (uA)
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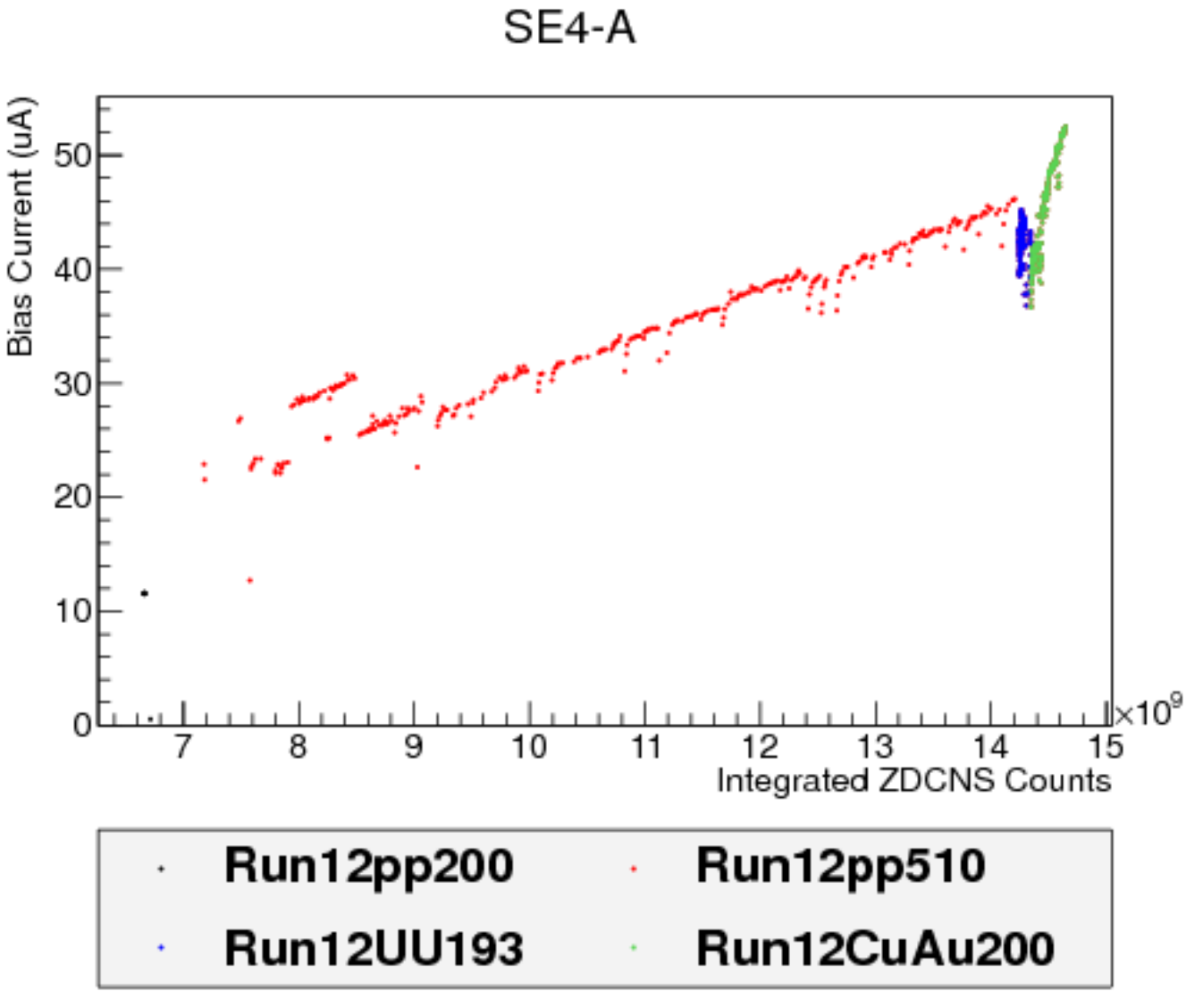
Integrated ZDCNS Counts


SE4-A
Bias Current (uA)
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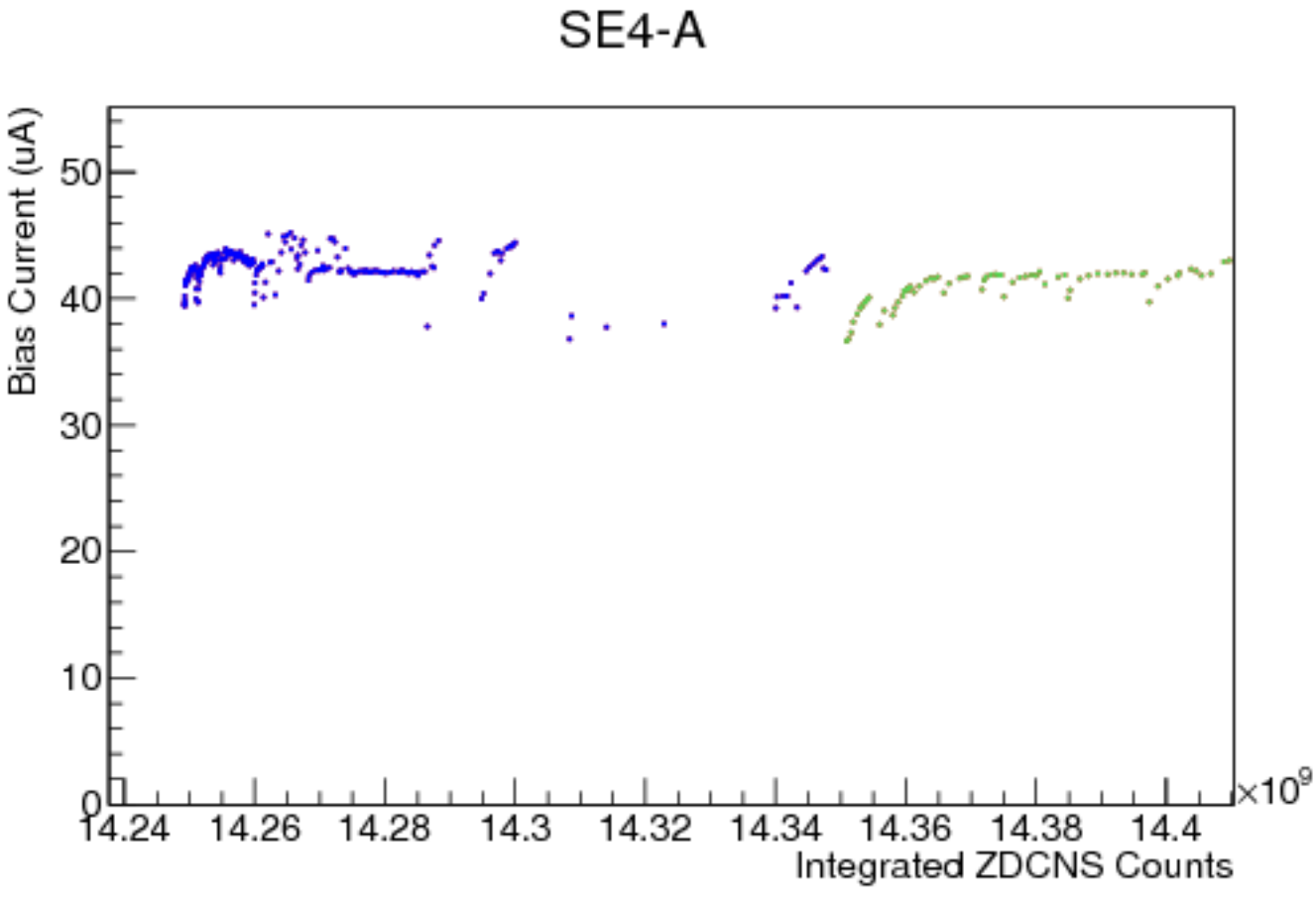
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SE4-A
Bias Current (uA)
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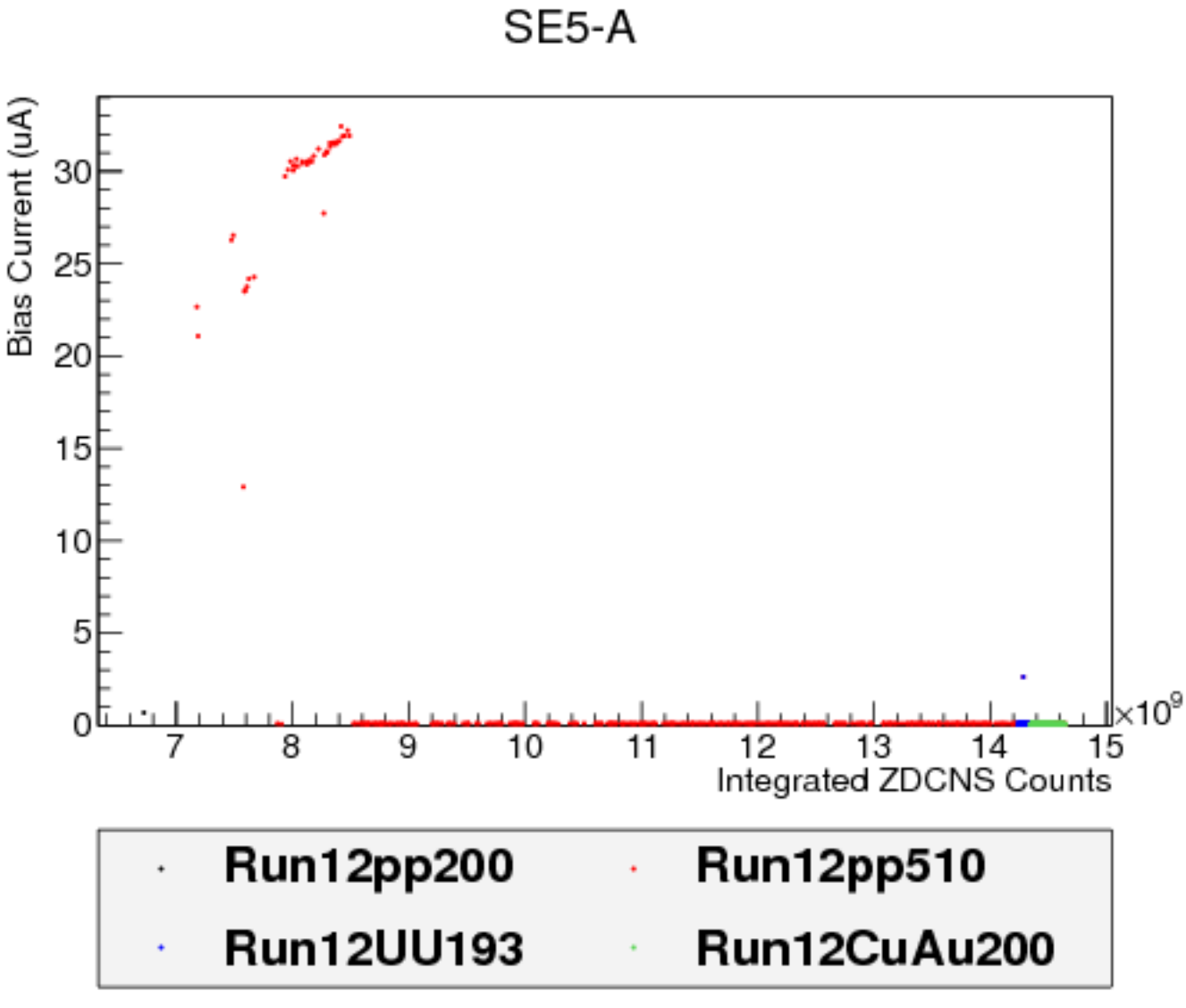
14.38
14.4
×10^9
Integrated ZDCNS Counts


SE5-A
Bias Current (uA)
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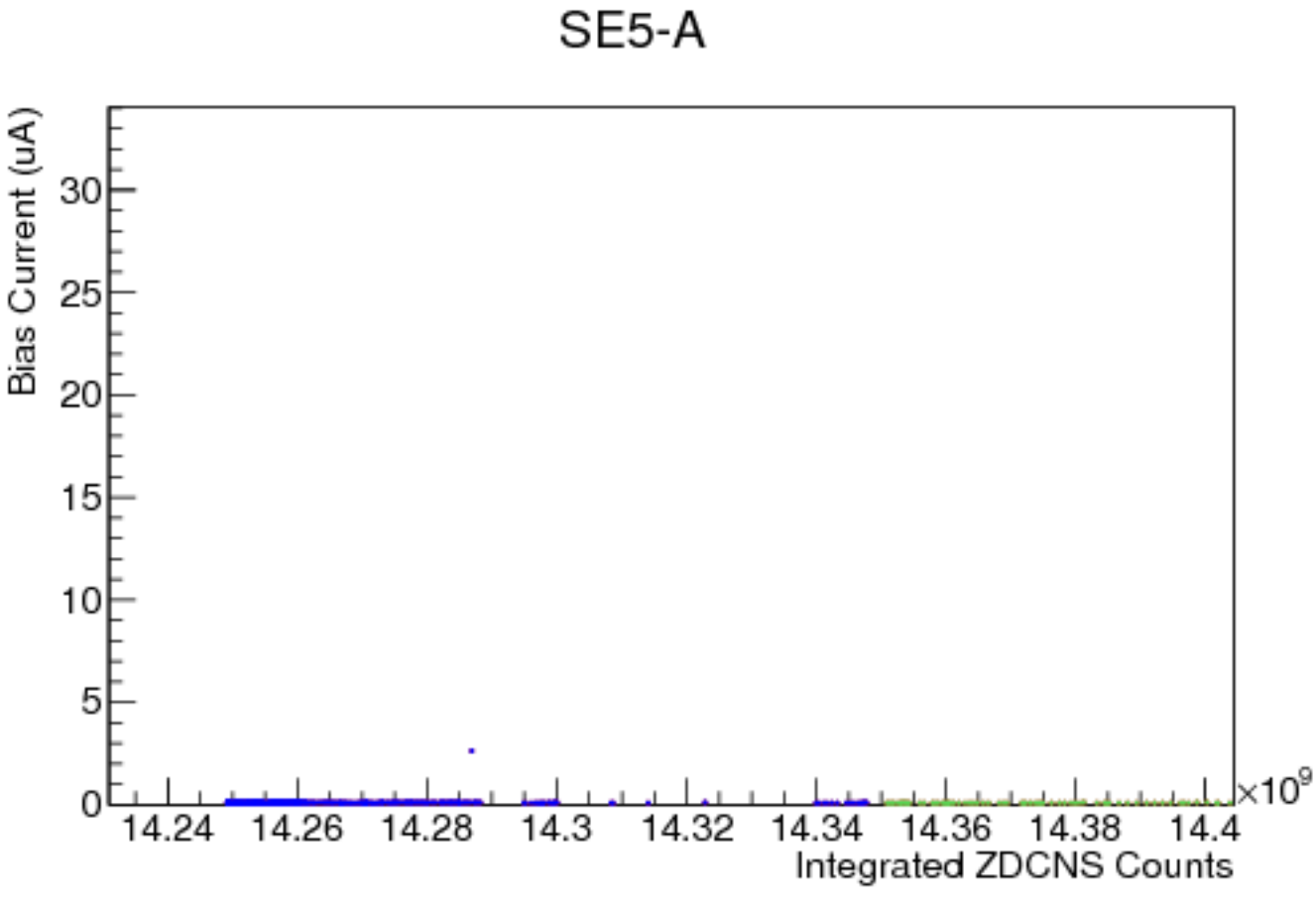
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200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Bias Current (uA)
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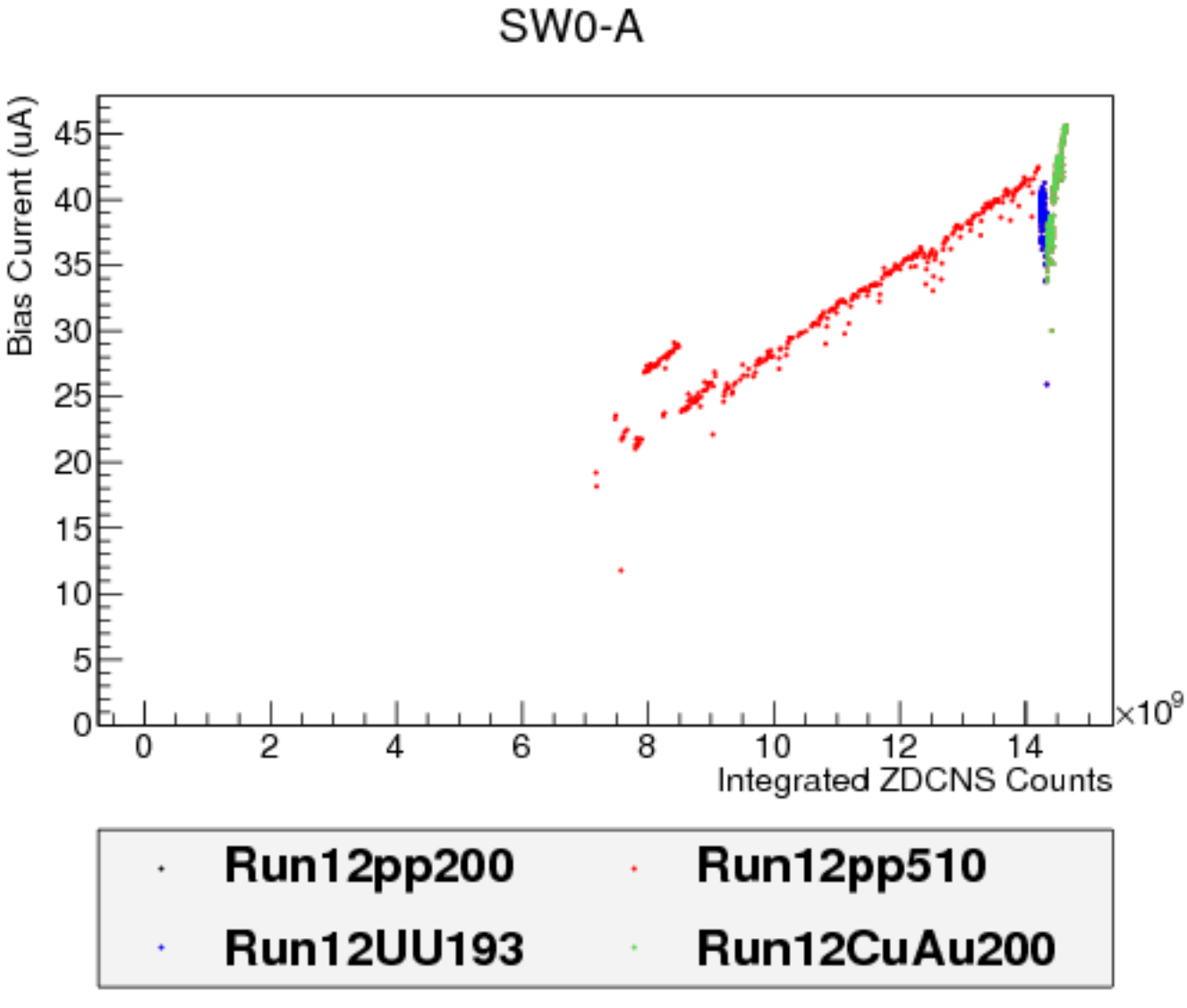
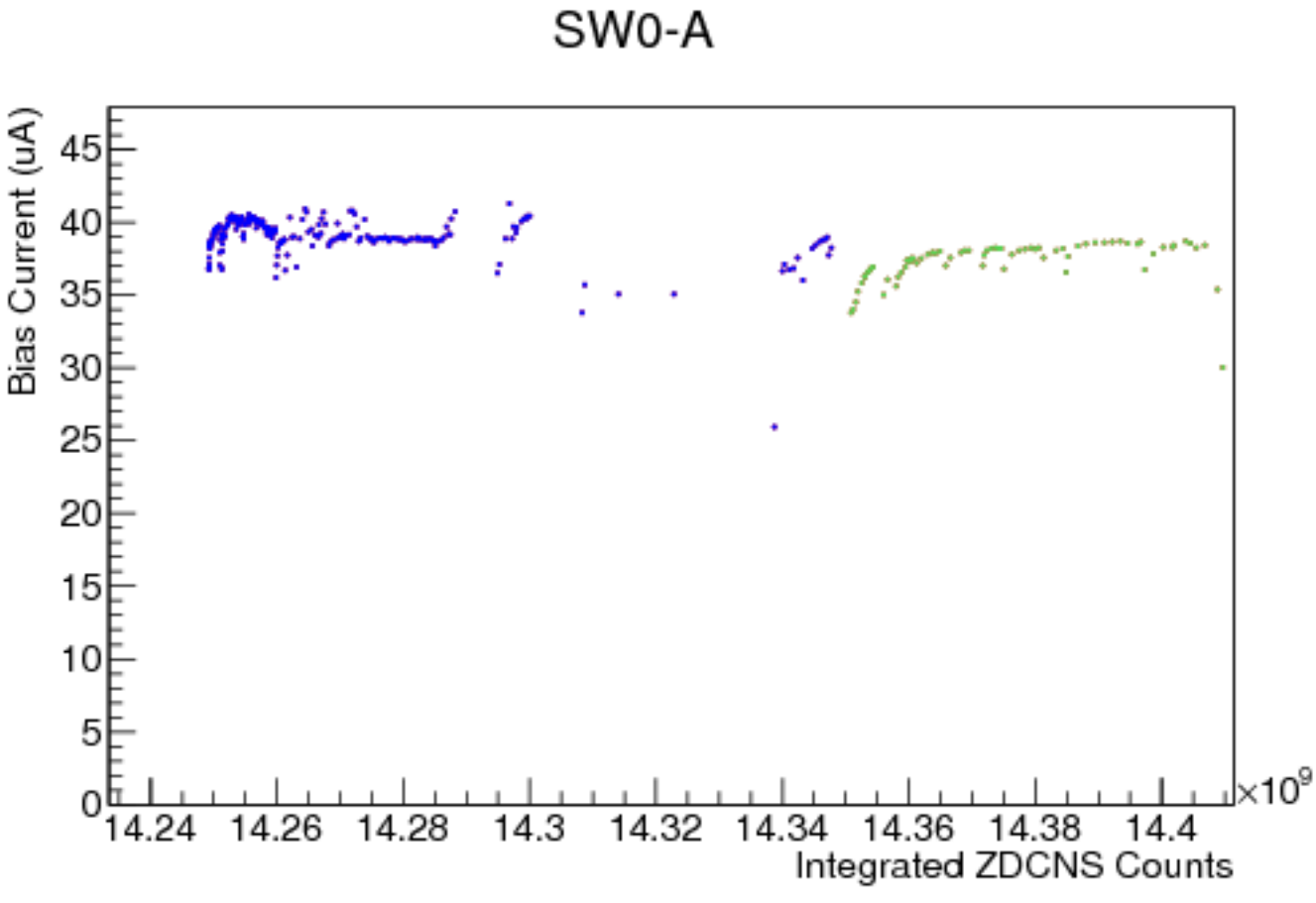
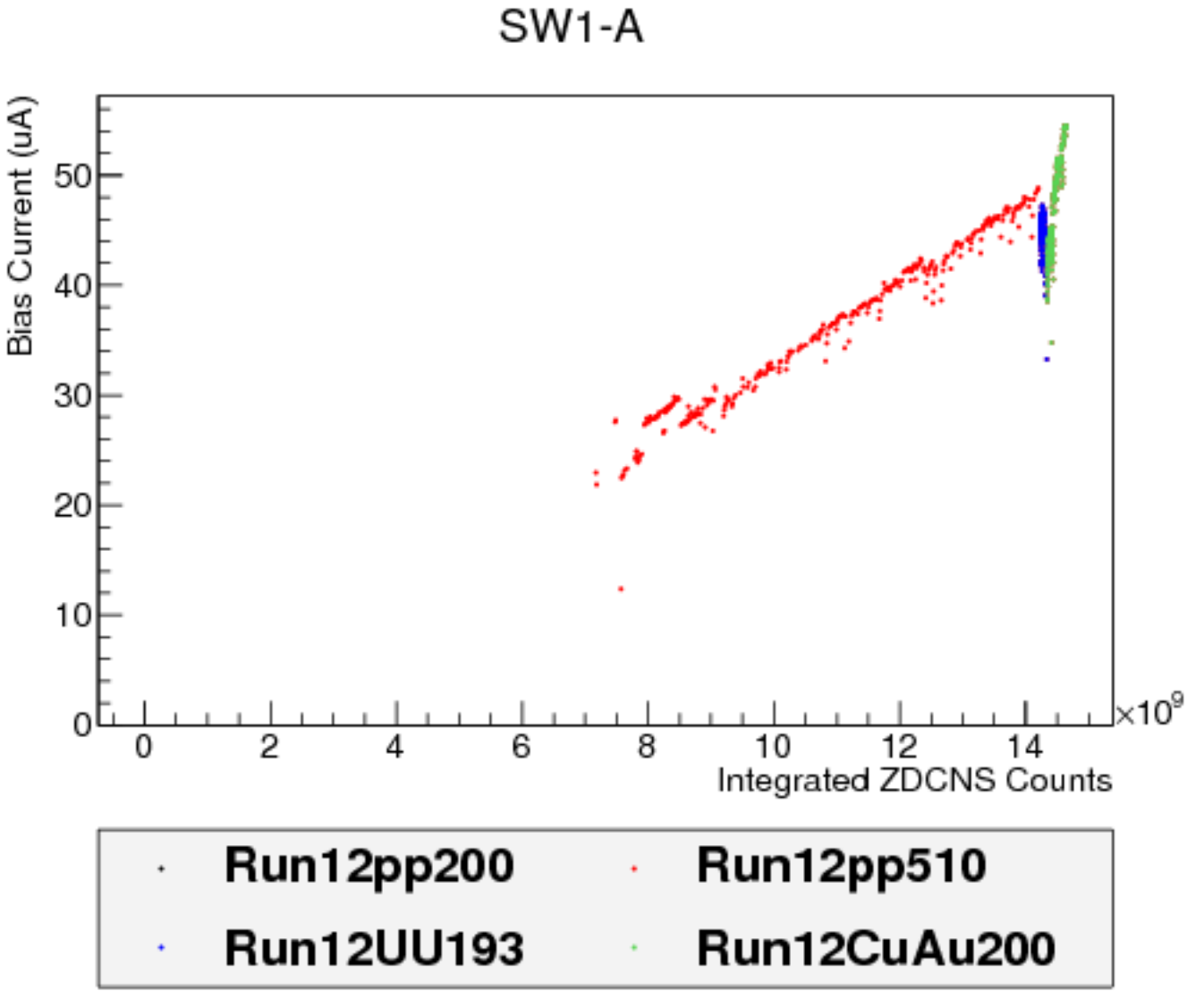
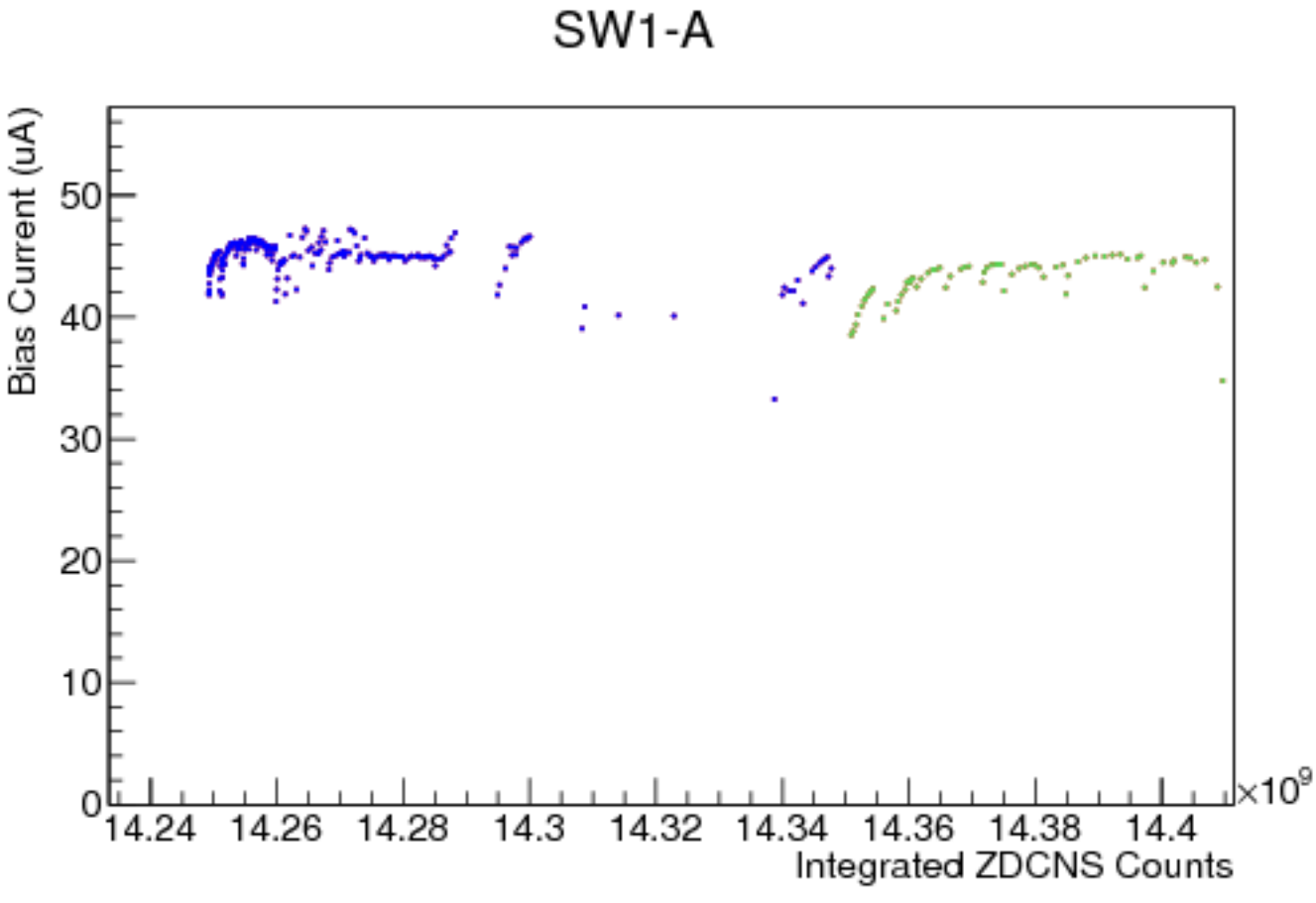
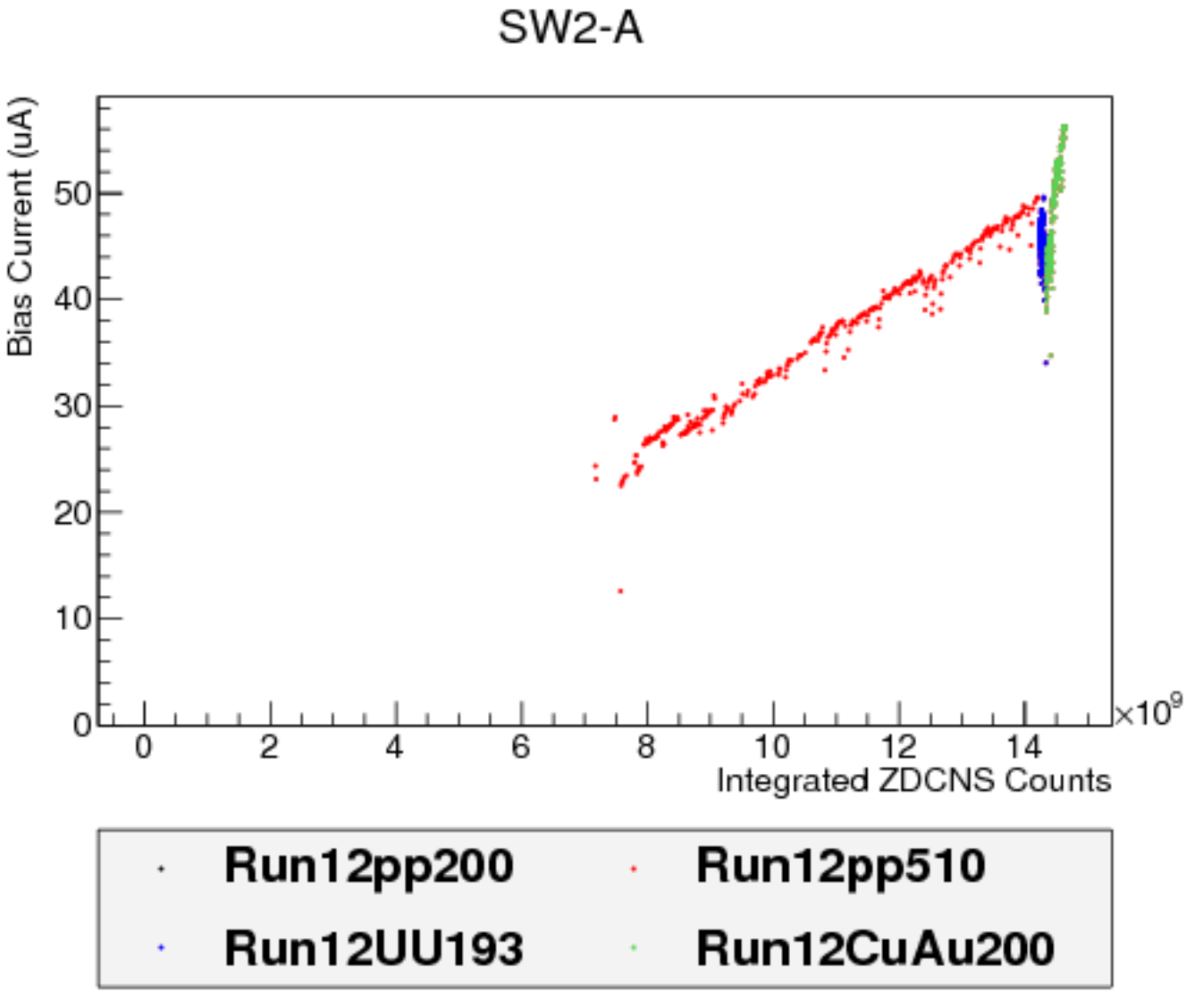
14.38
14.4
×10^9
Integrated ZDCNS Counts

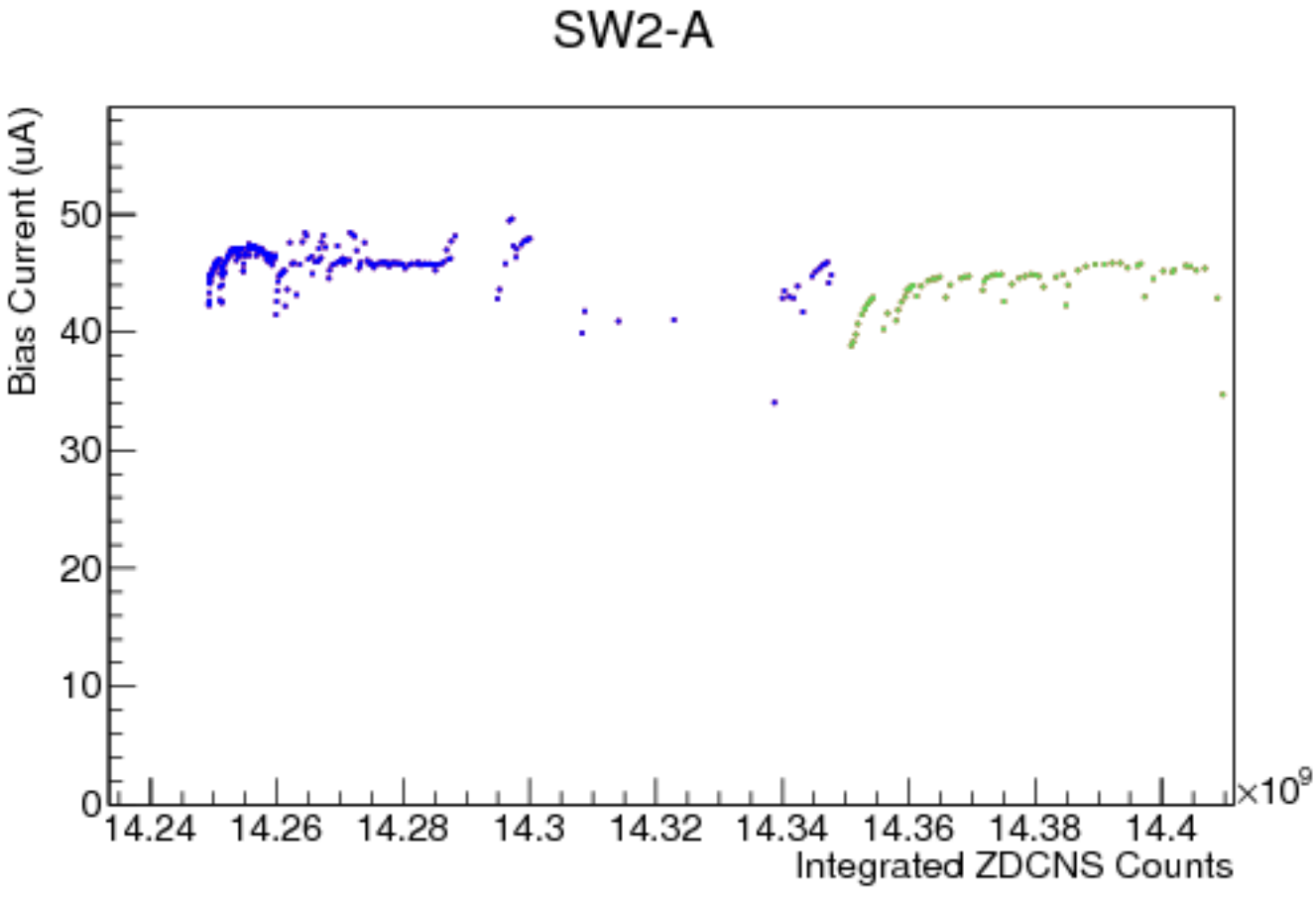

SW0-A
Bias Current (uA)
45
40
35
30
25
20
15
10
5
0
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

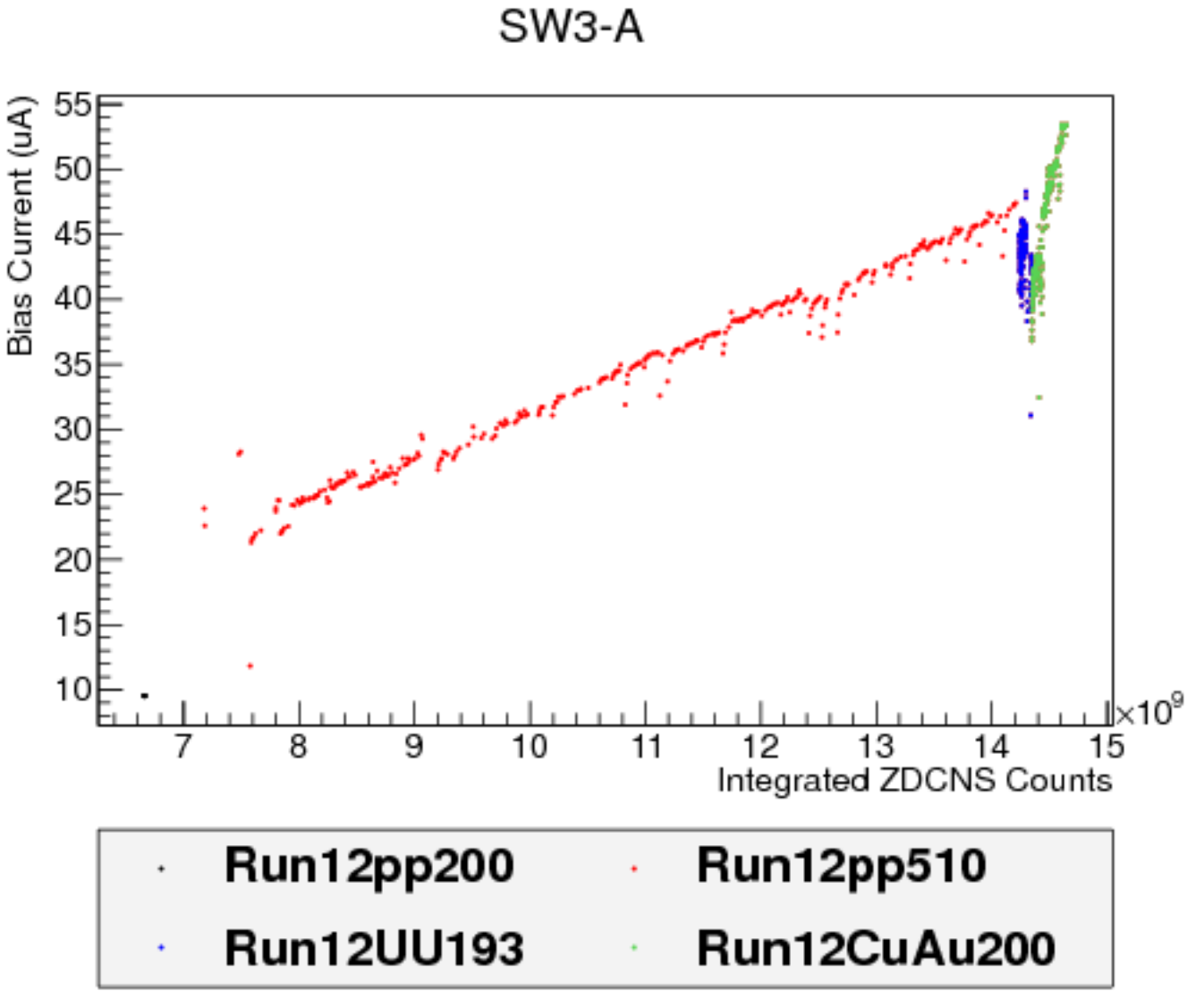

SW0-A
Bias Current (uA)
45
40
35
30
25
20
15
10
5
0
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

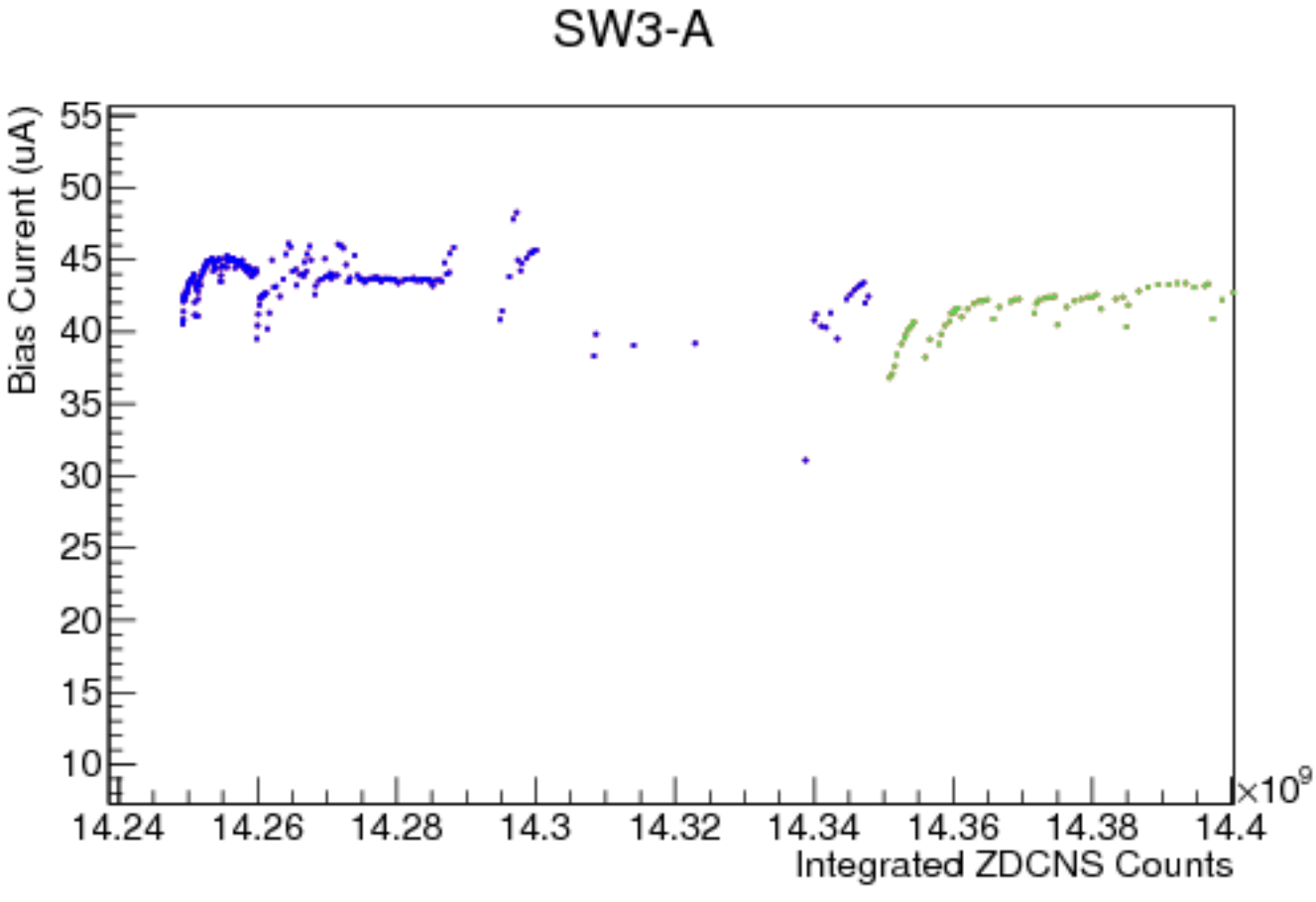

SW1-A
Bias Current (uA)
0
10
20
30
40
50
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

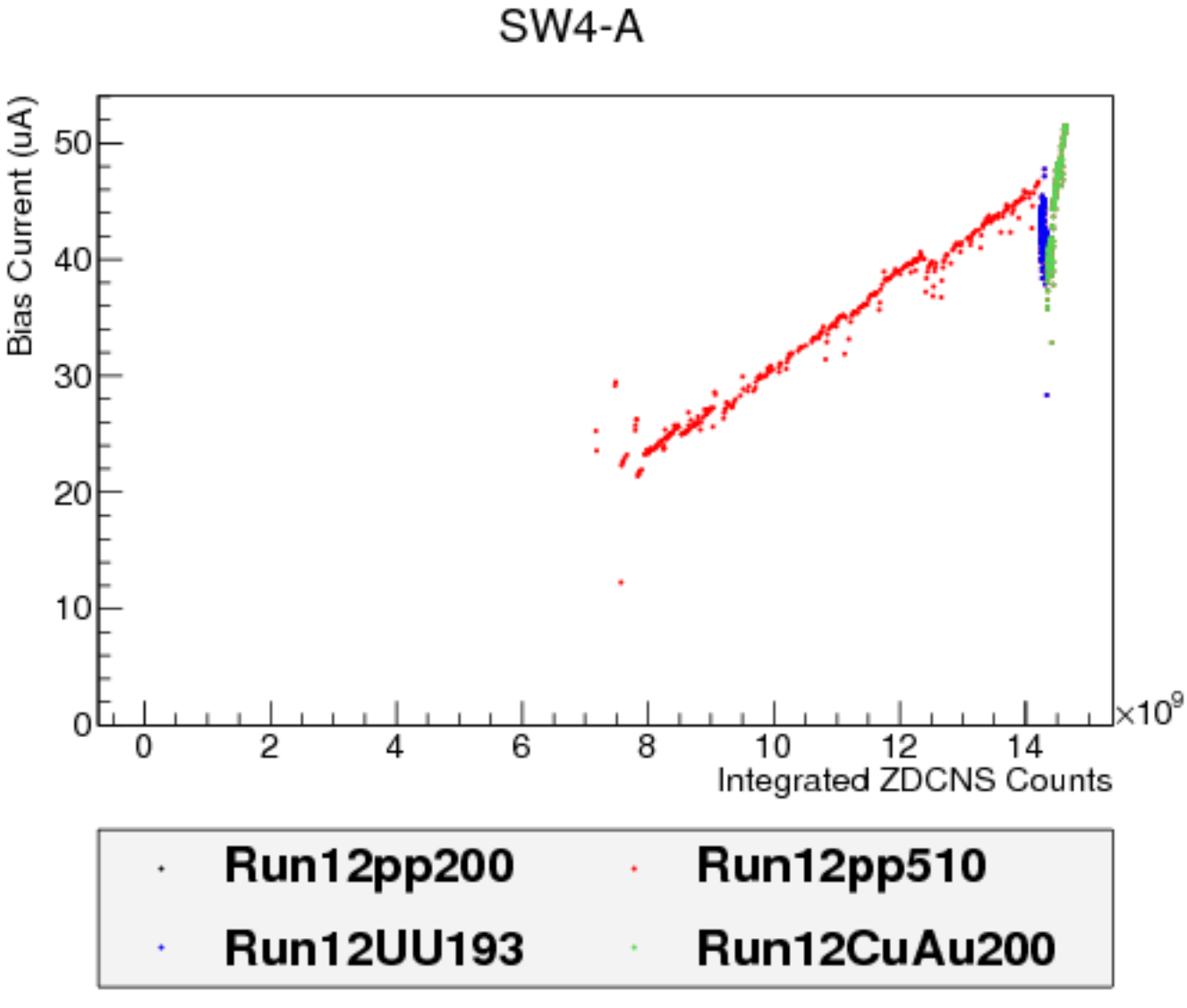

SW1-A
Bias Current (uA)
0
10
20
30
40
50
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

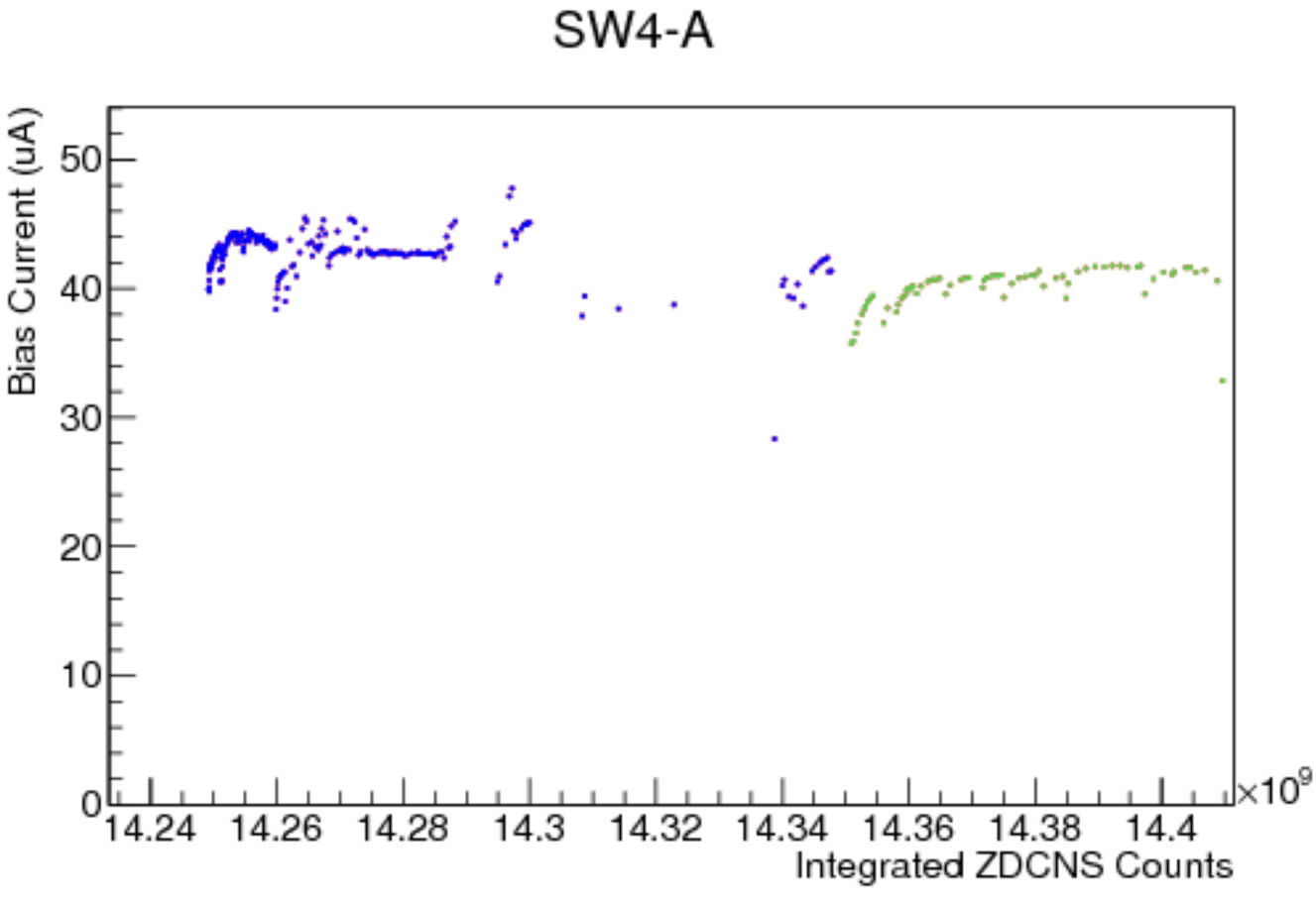

SW2-A
Bias Current (uA)
0
10
20
30
40
50
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

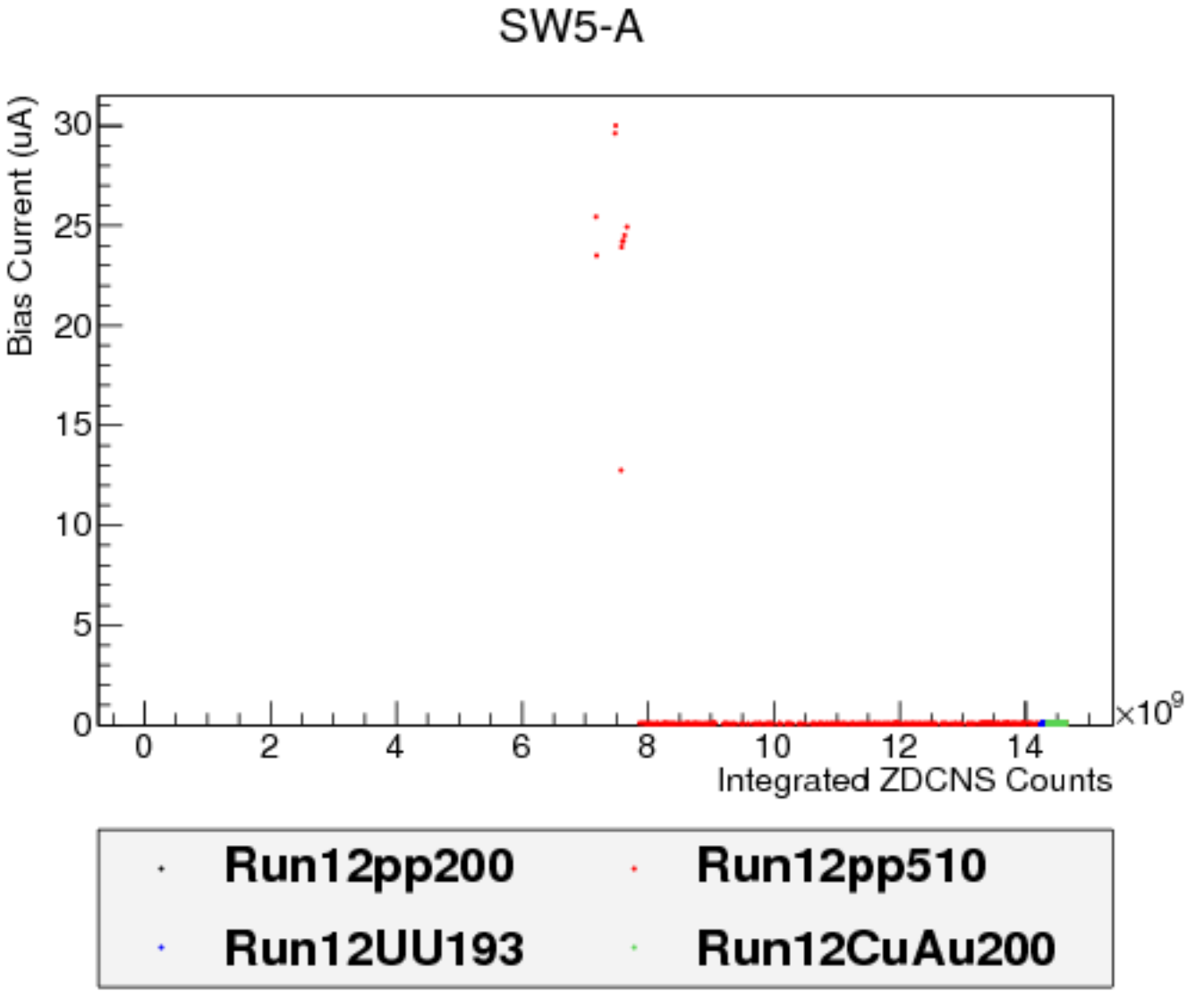

SW2-A
Bias Current (uA)
0
10
20
30
40
50
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

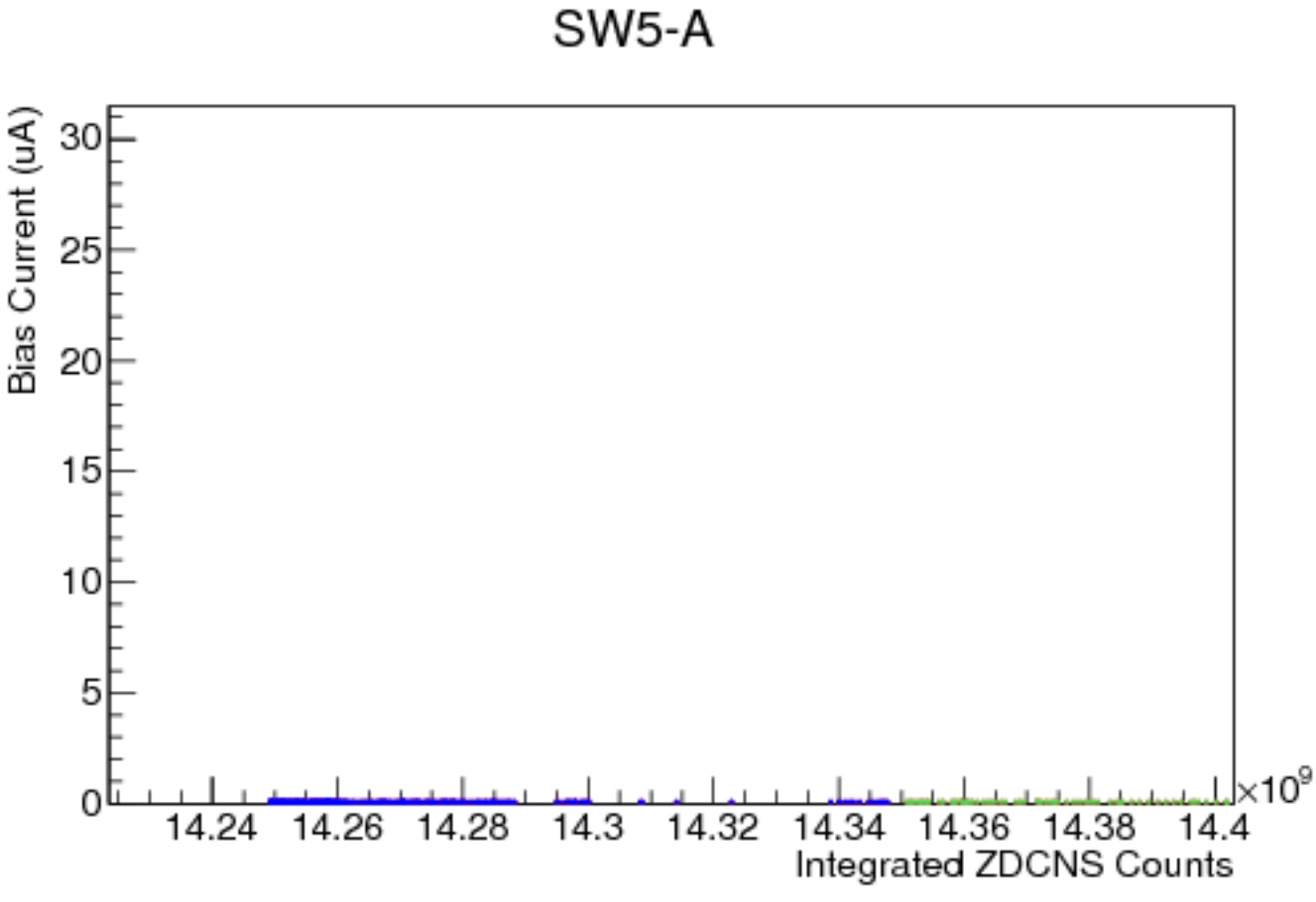

SW3-A
Bias Current (uA)
55
50
45
40
35
30
25
20
15
10
7
8
9
10
11
12
13
14
15
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

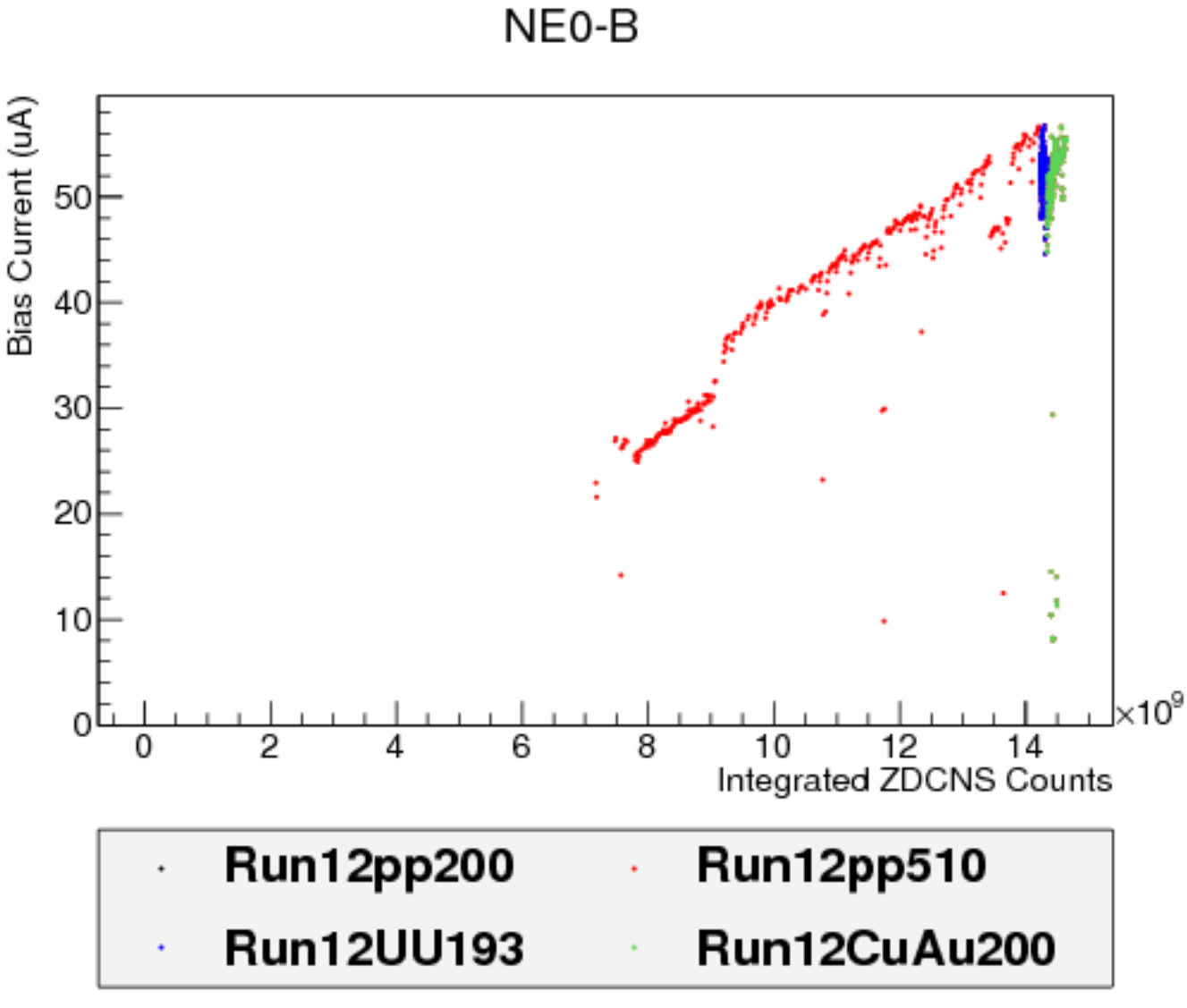

SW3-A
Bias Current (uA)
55
50
45
40
35
30
25
20
15
10
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

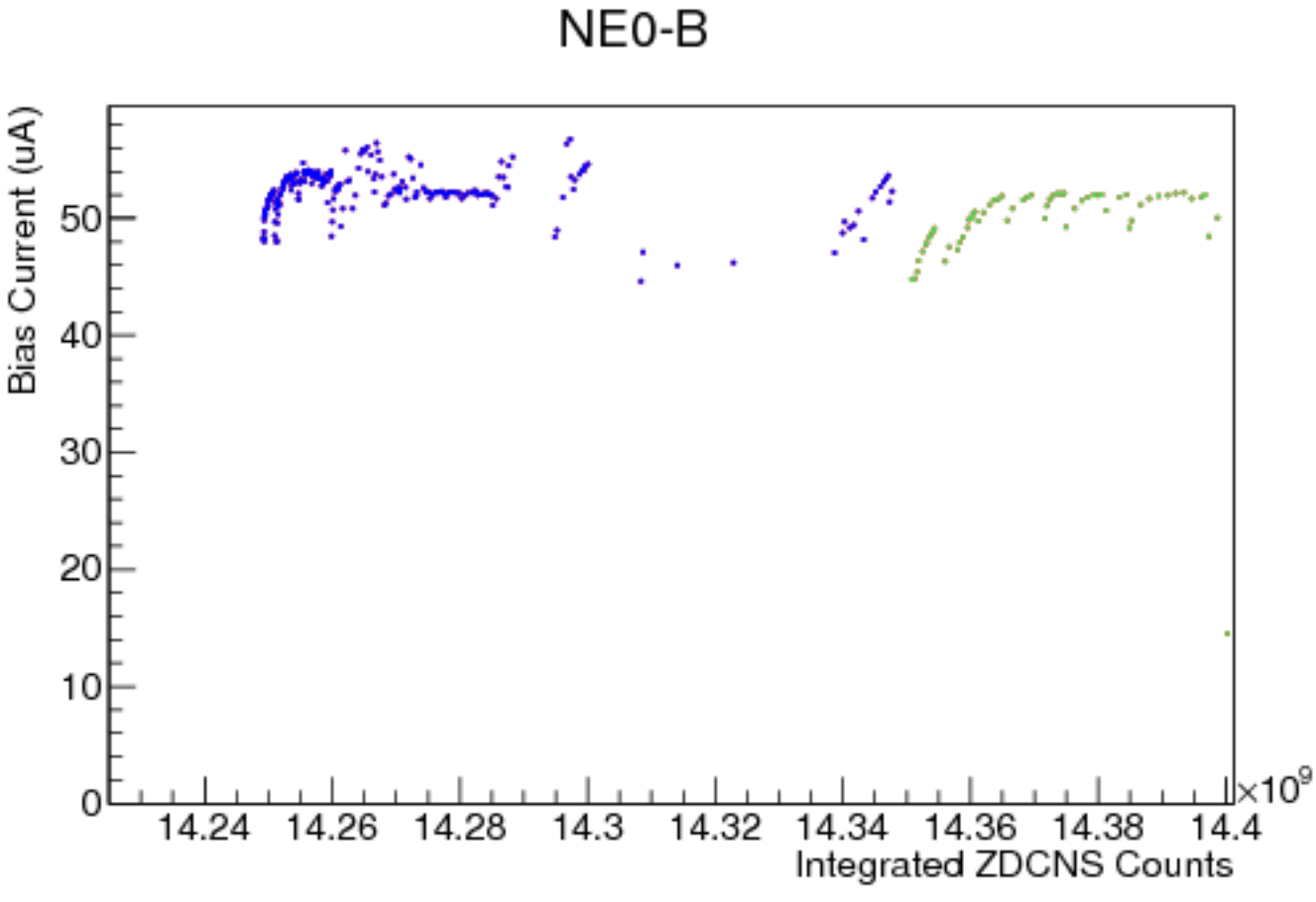

SW4-A
Bias Current (uA)
50
40
30
20
10
0
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

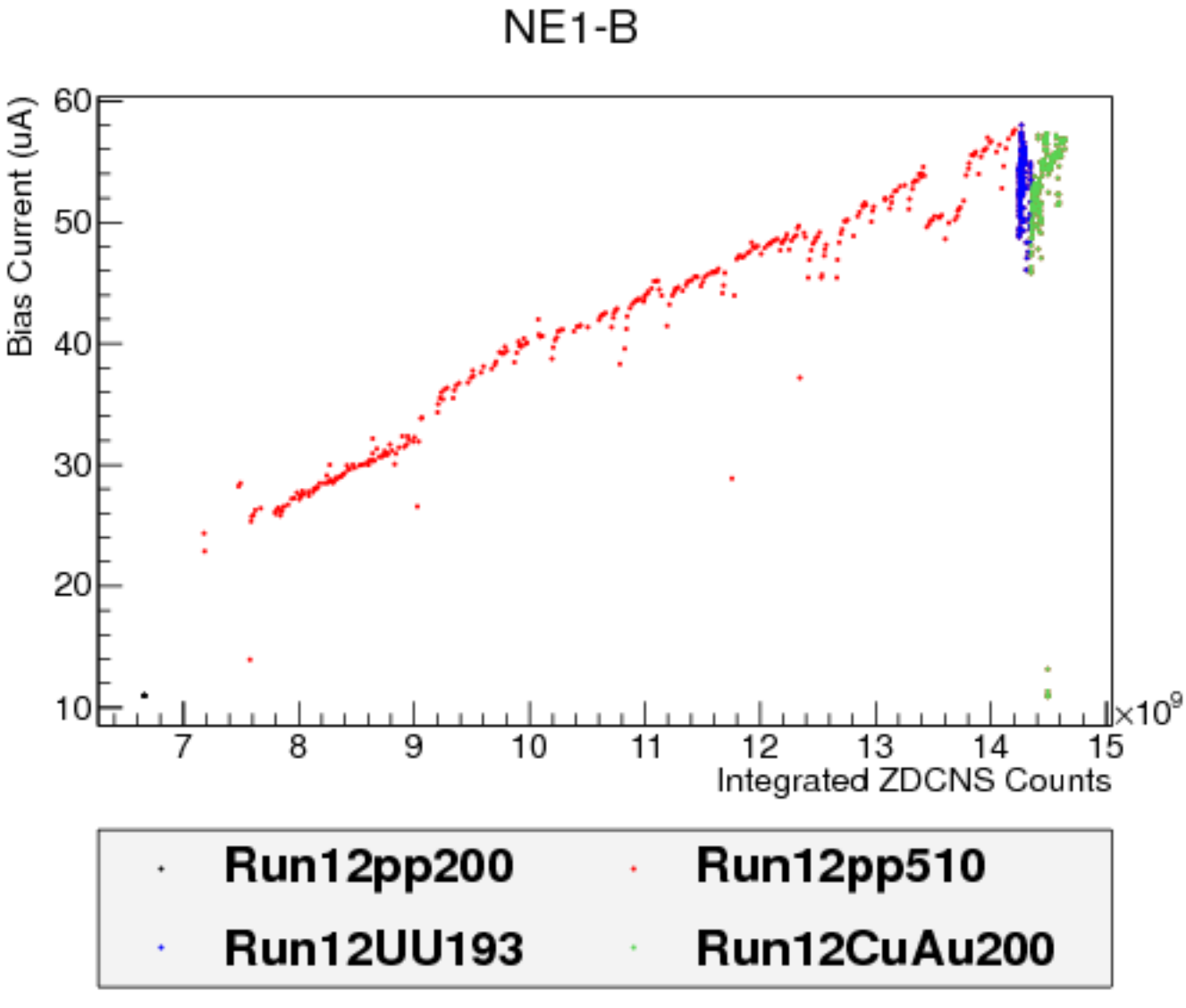

SW4-A
Bias Current (uA)
50
40
30
20
10
0
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

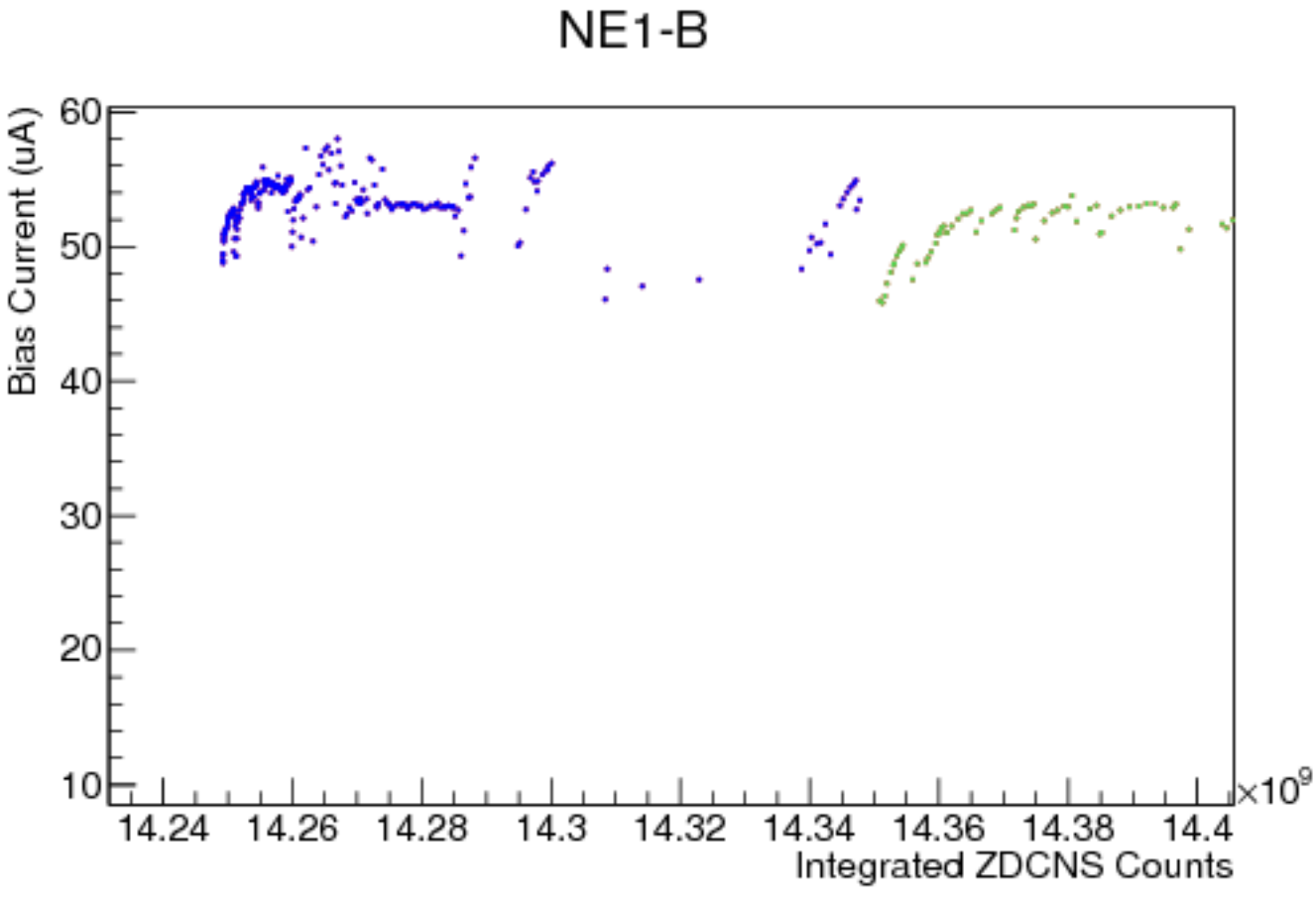

SW5-A
Bias Current (uA)
30
25
20
15
10
5
0
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

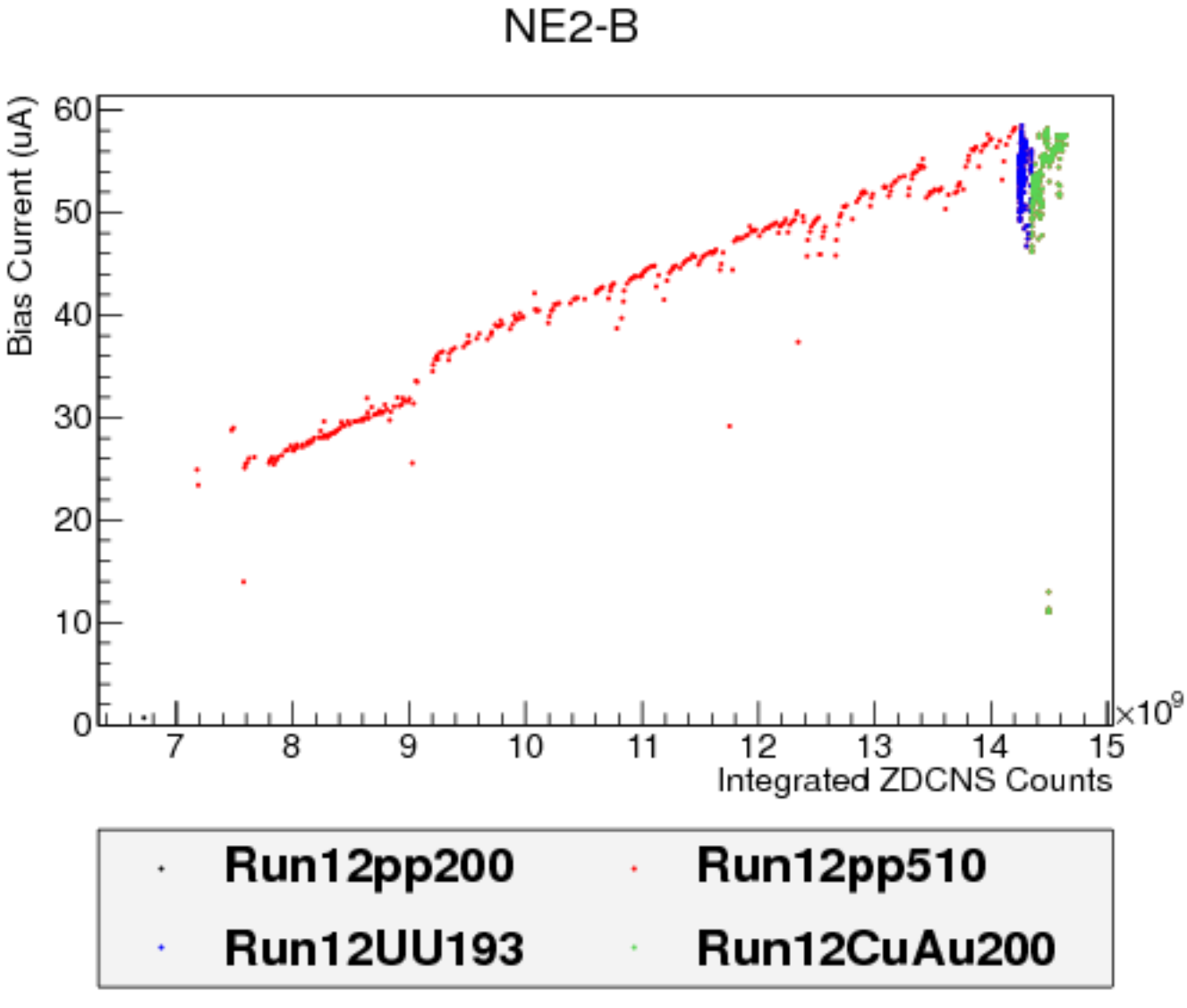

SW5-A
Bias Current (uA)
30
25
20
15
10
5
0
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

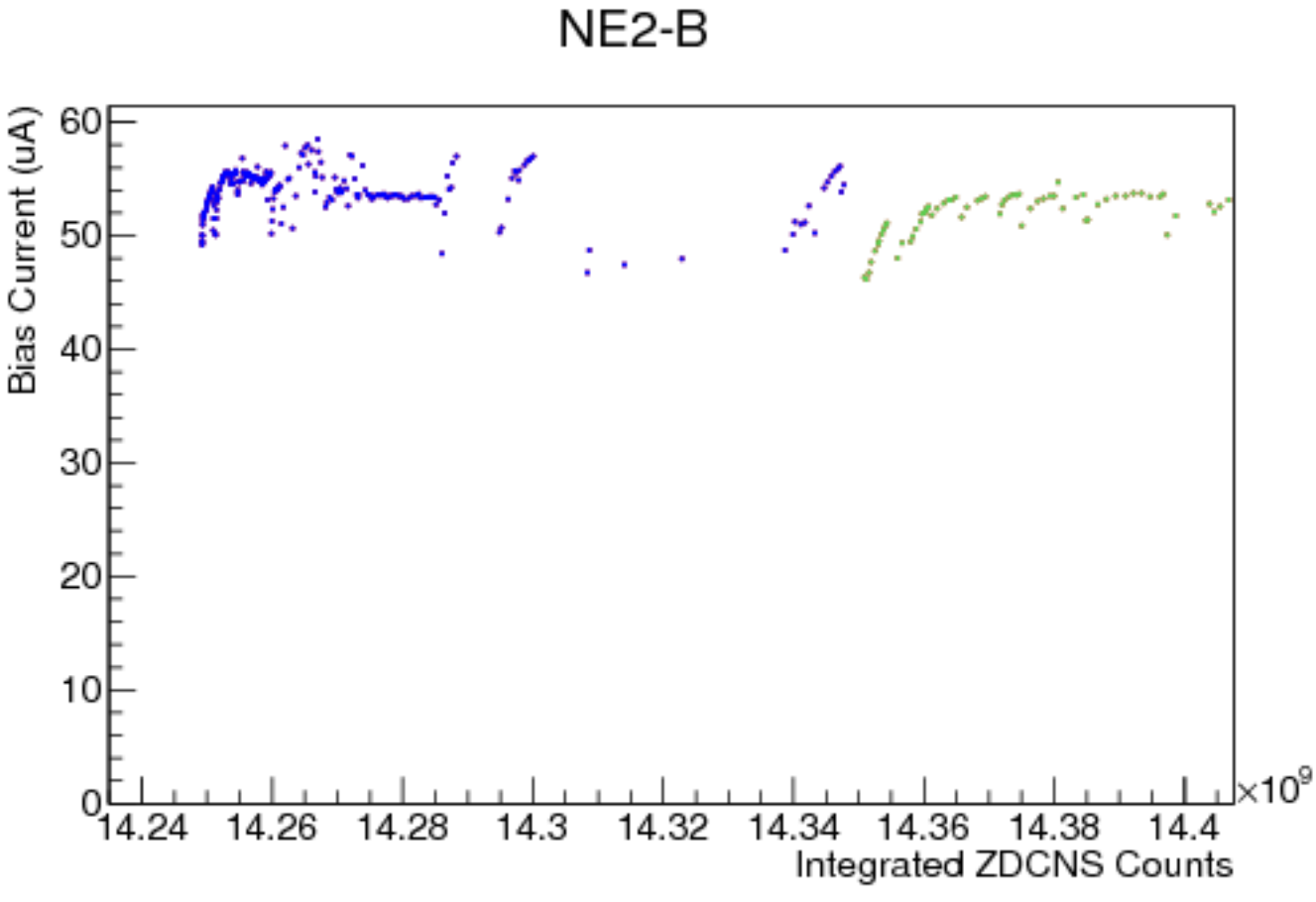

NE0-B
Bias Current (uA)
0
10
20
30
40
50
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

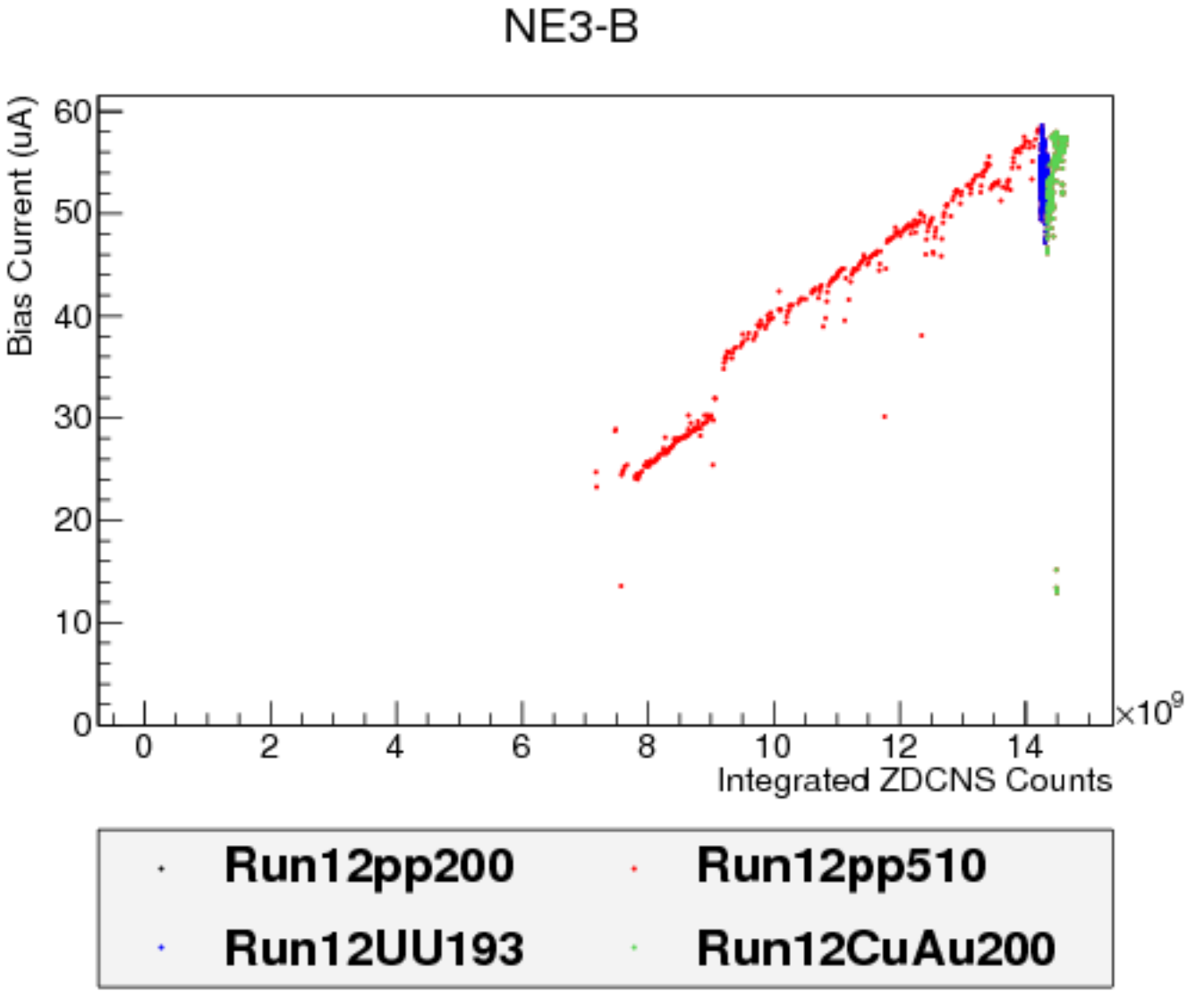

NE0-B
Bias Current (uA)
0
10
20
30
40
50
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

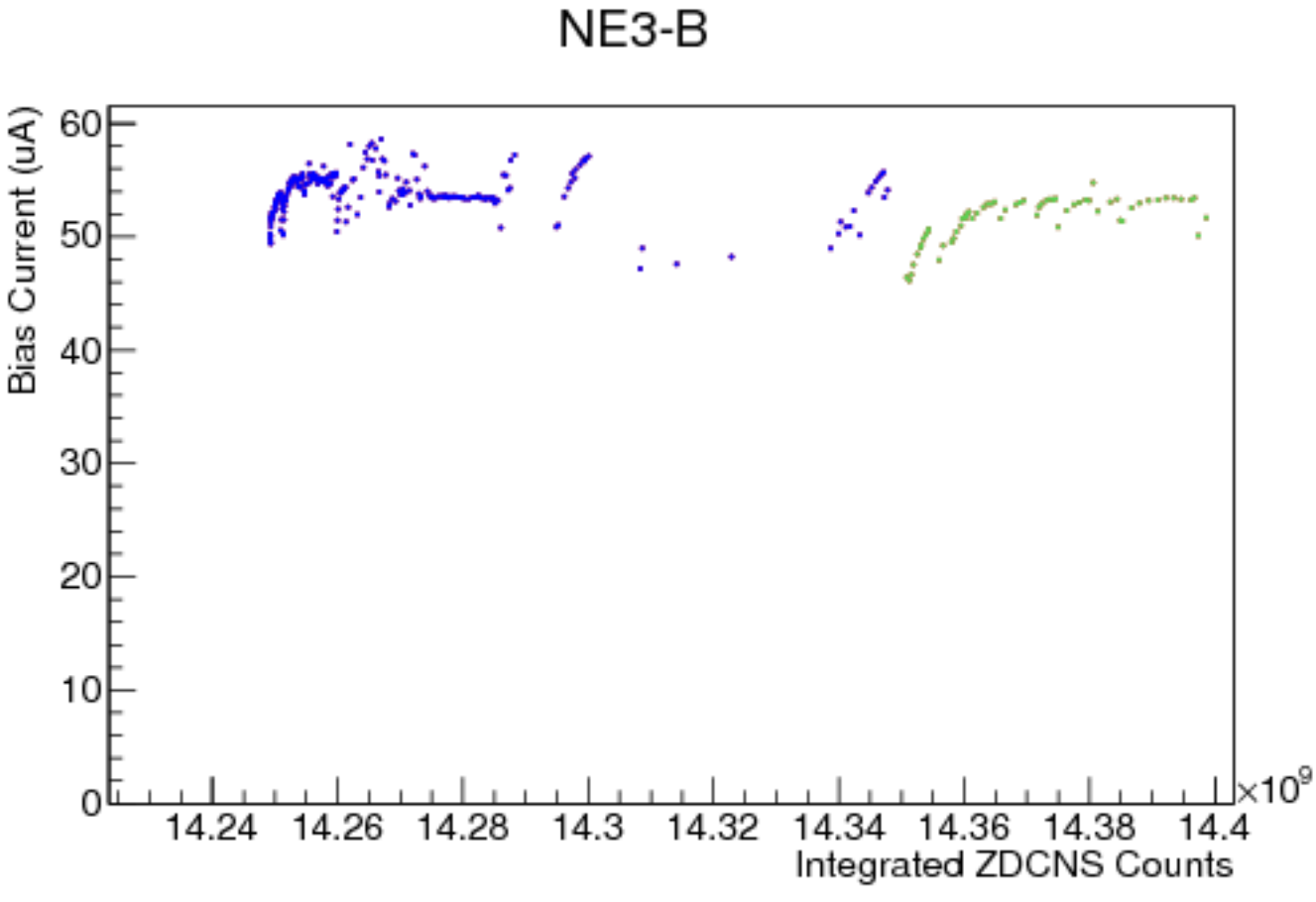

NE1-B
Bias Current (uA)
60
50
40
30
20
10
7
8
9
10
11
12
13
14
15
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

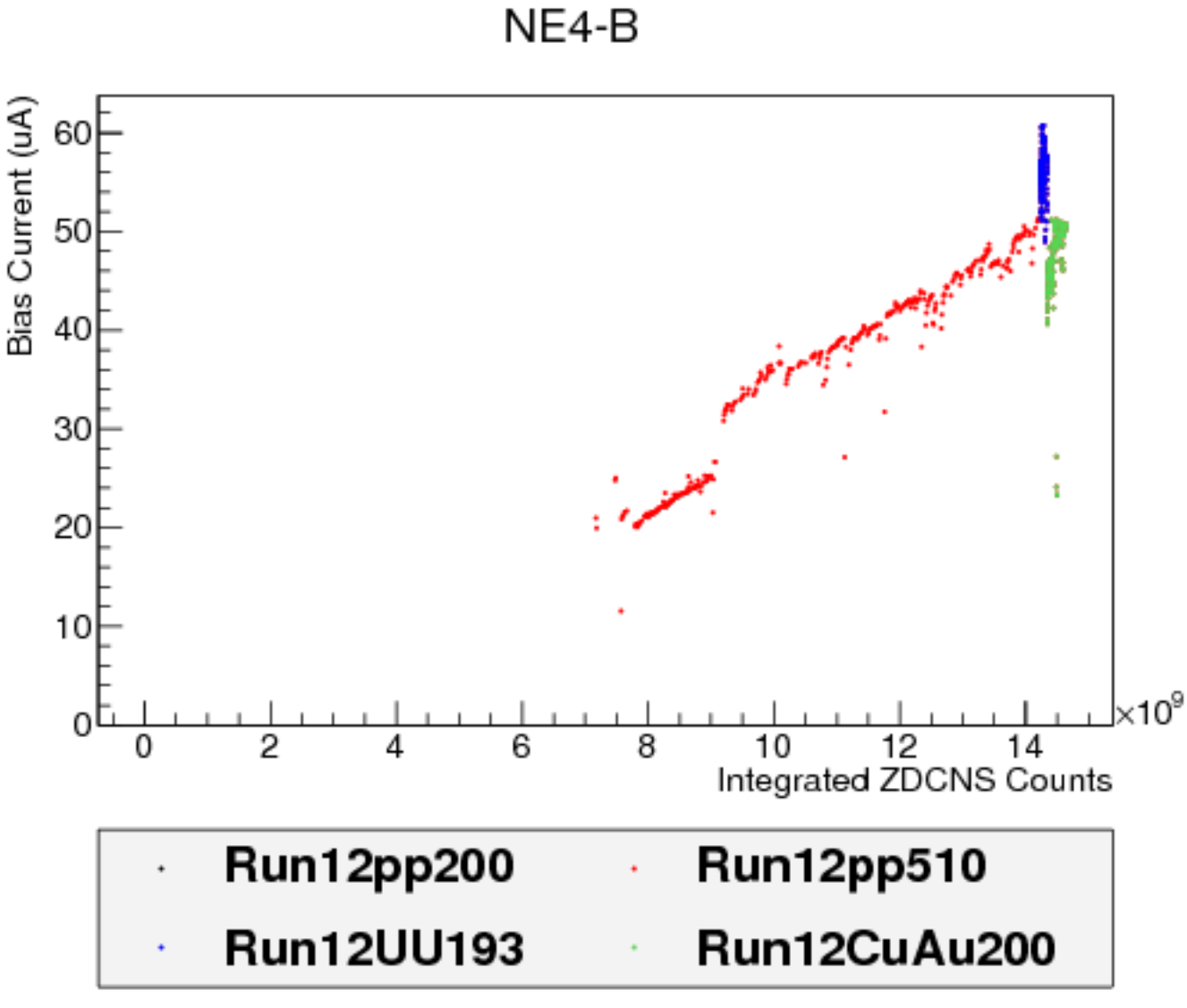

NE1-B
Bias Current (uA)
60
50
40
30
20
10
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

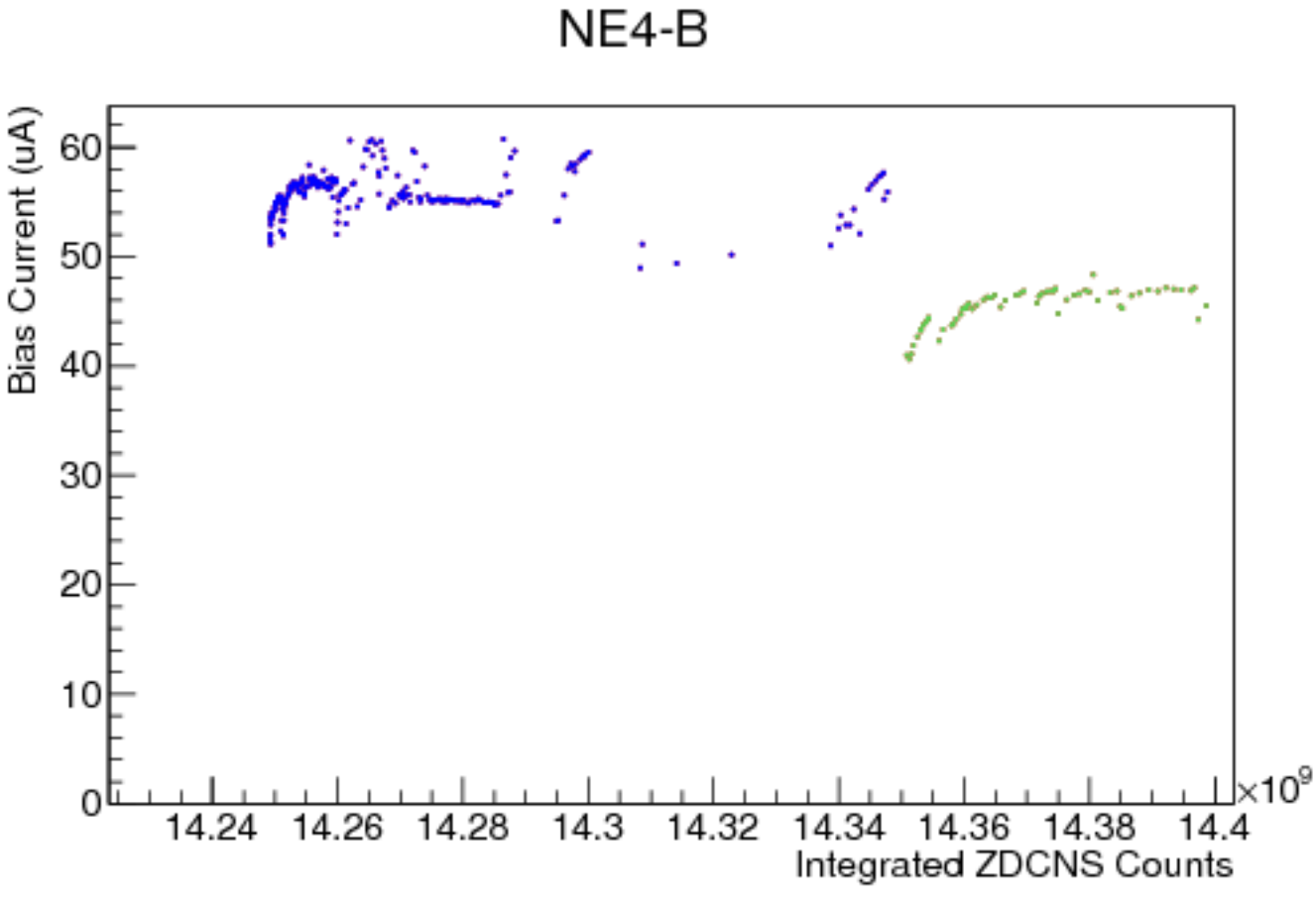

NE2-B
Bias Current (uA)
60
50
40
30
20
10
0
7
8
9
10
11
12
13
14
15
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

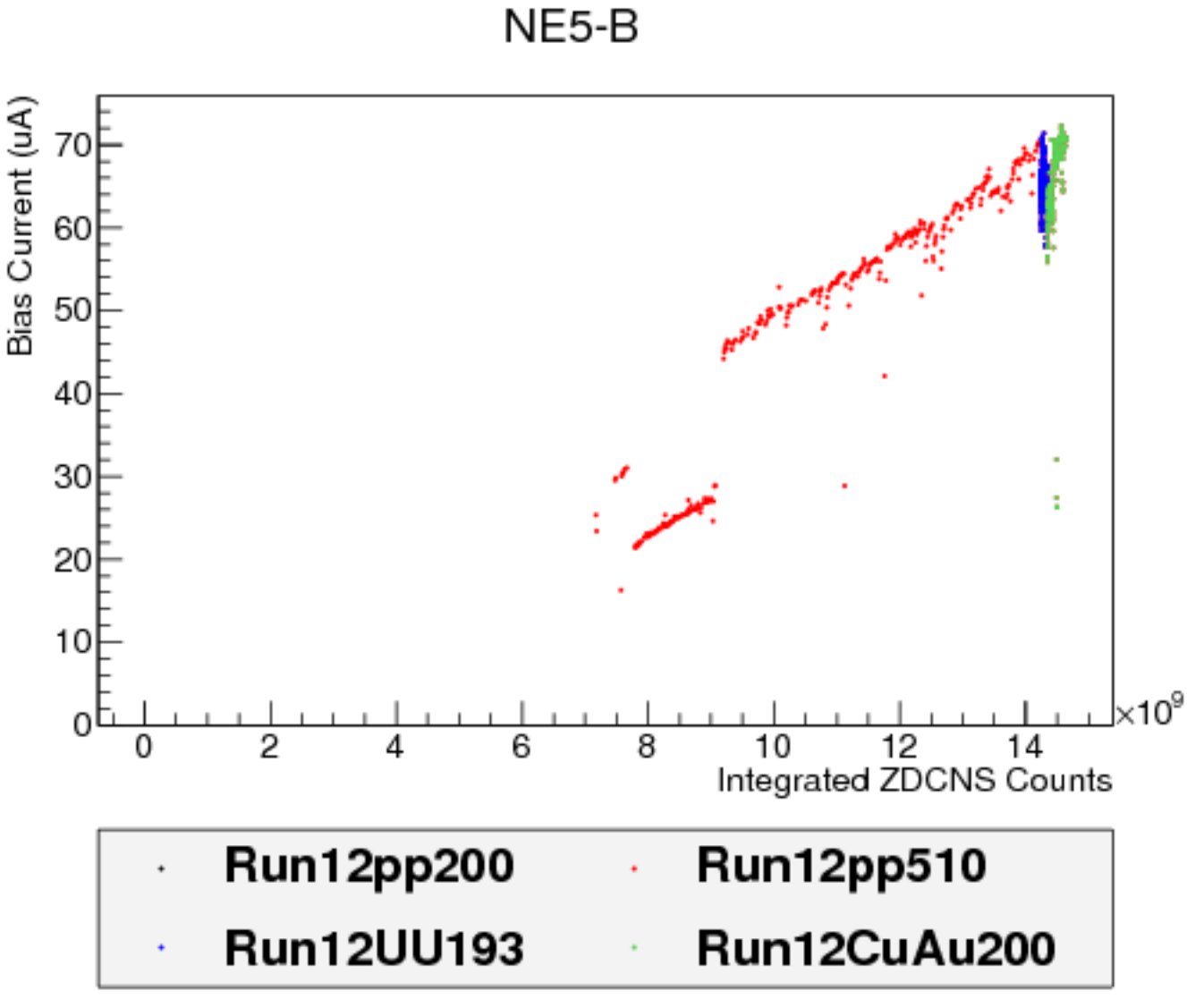

NE2-B
Bias Current (uA)
60
50
40
30
20
10
0
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

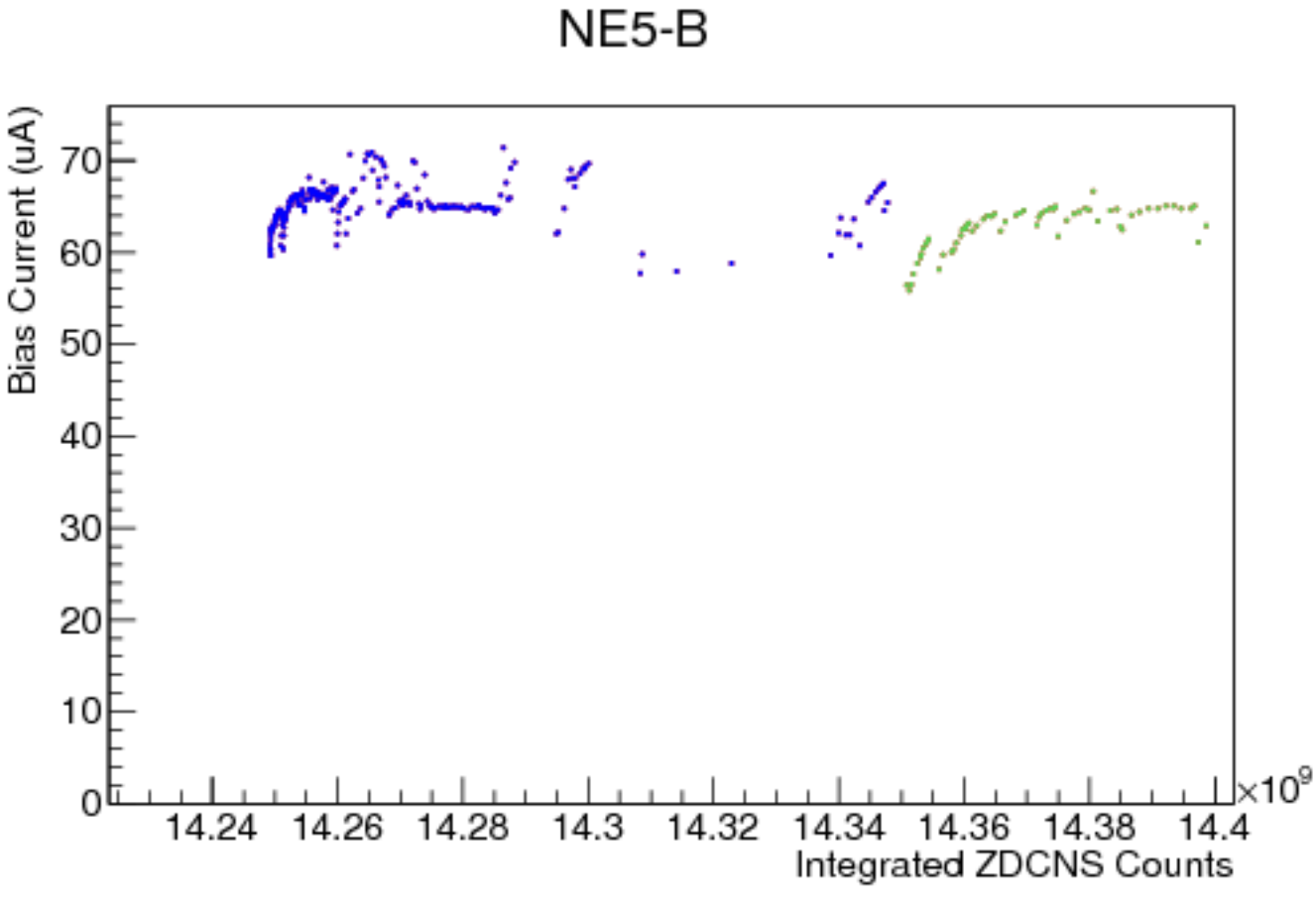

NE3-B
Bias Current (uA)
60
50
40
30
20
10
0
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

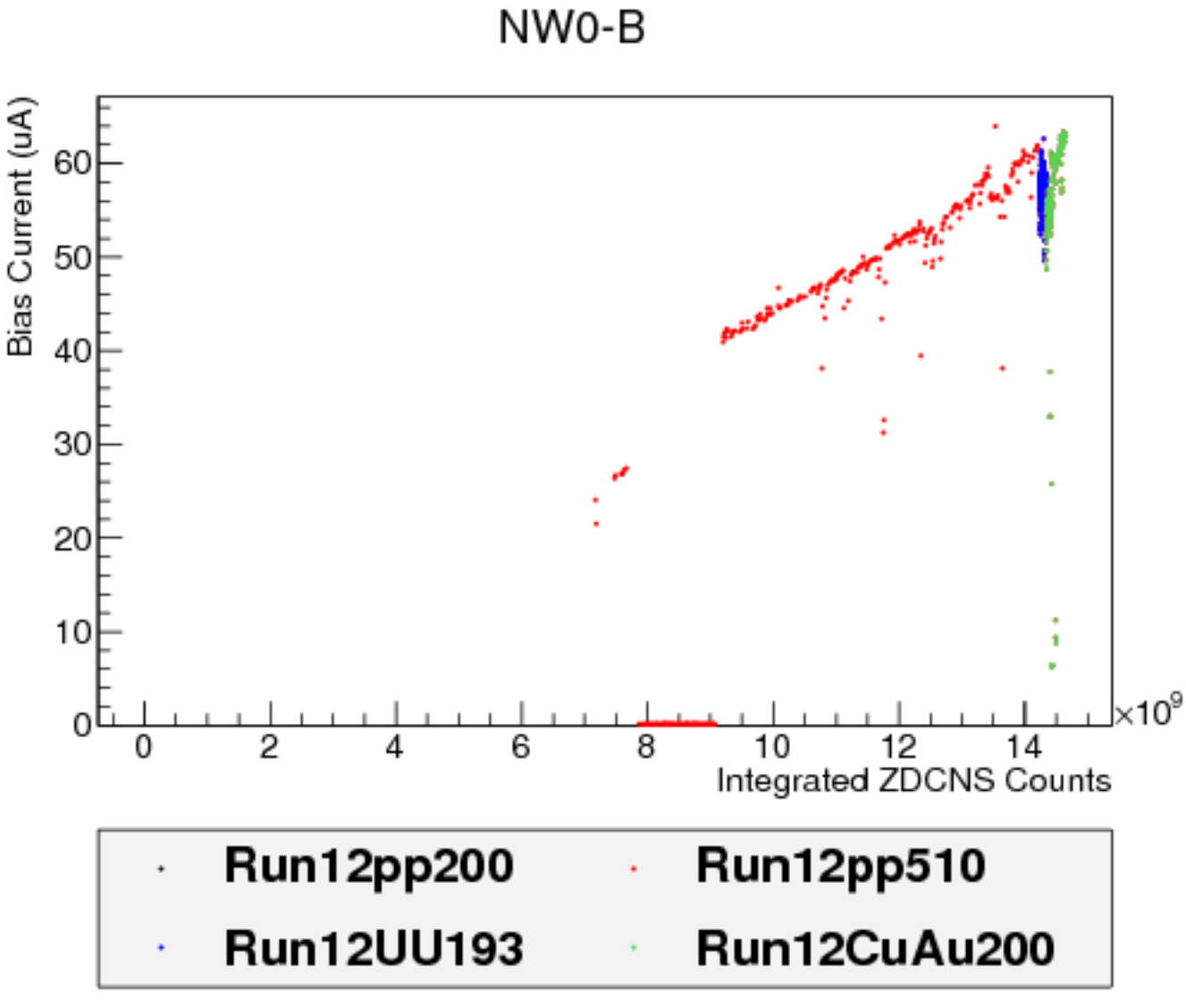

NE3-B
Bias Current (uA)
60
50
40
30
20
10
0
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

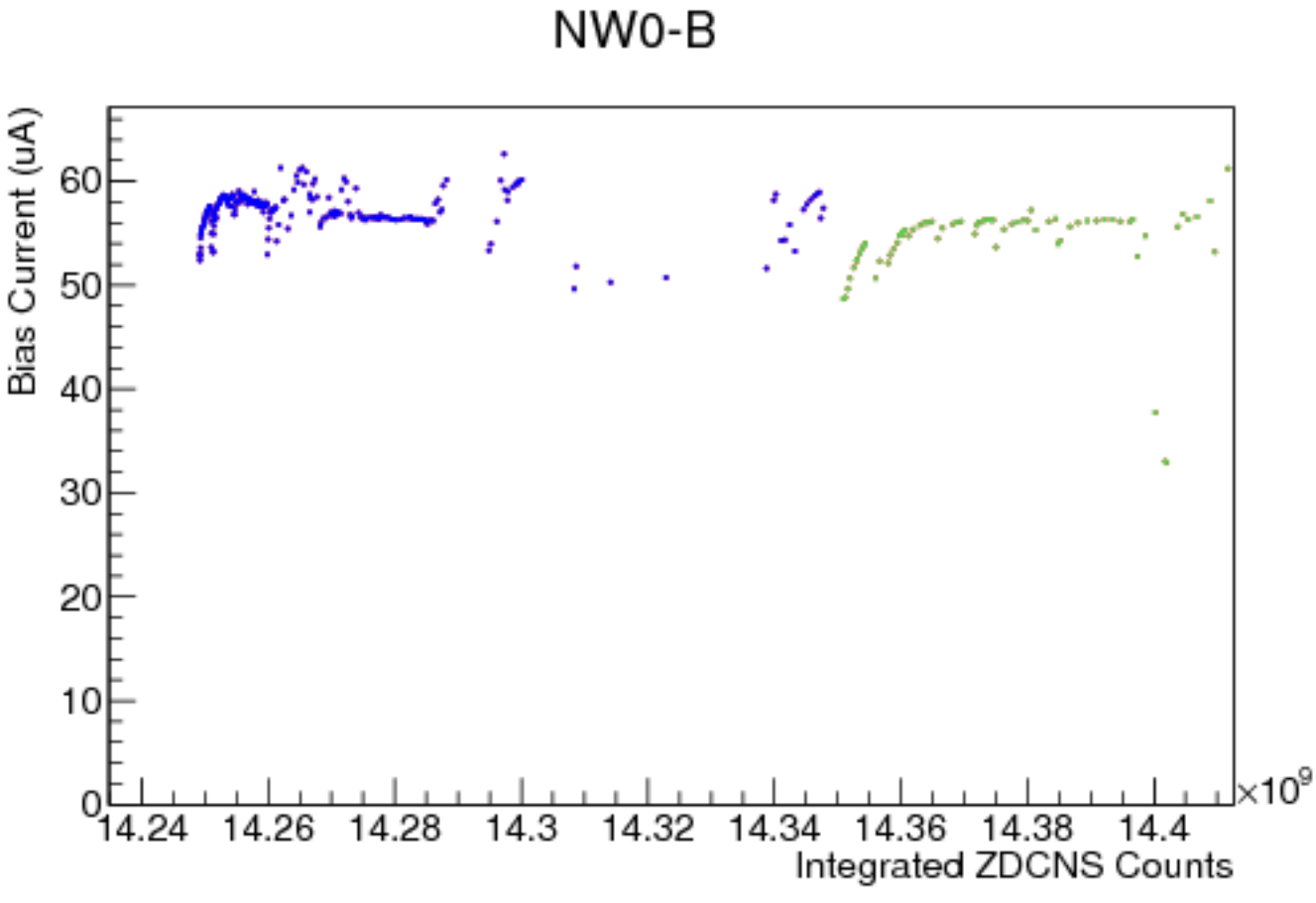

NE4-B
Bias Current (uA)
0
10
20
30
40
50
60
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

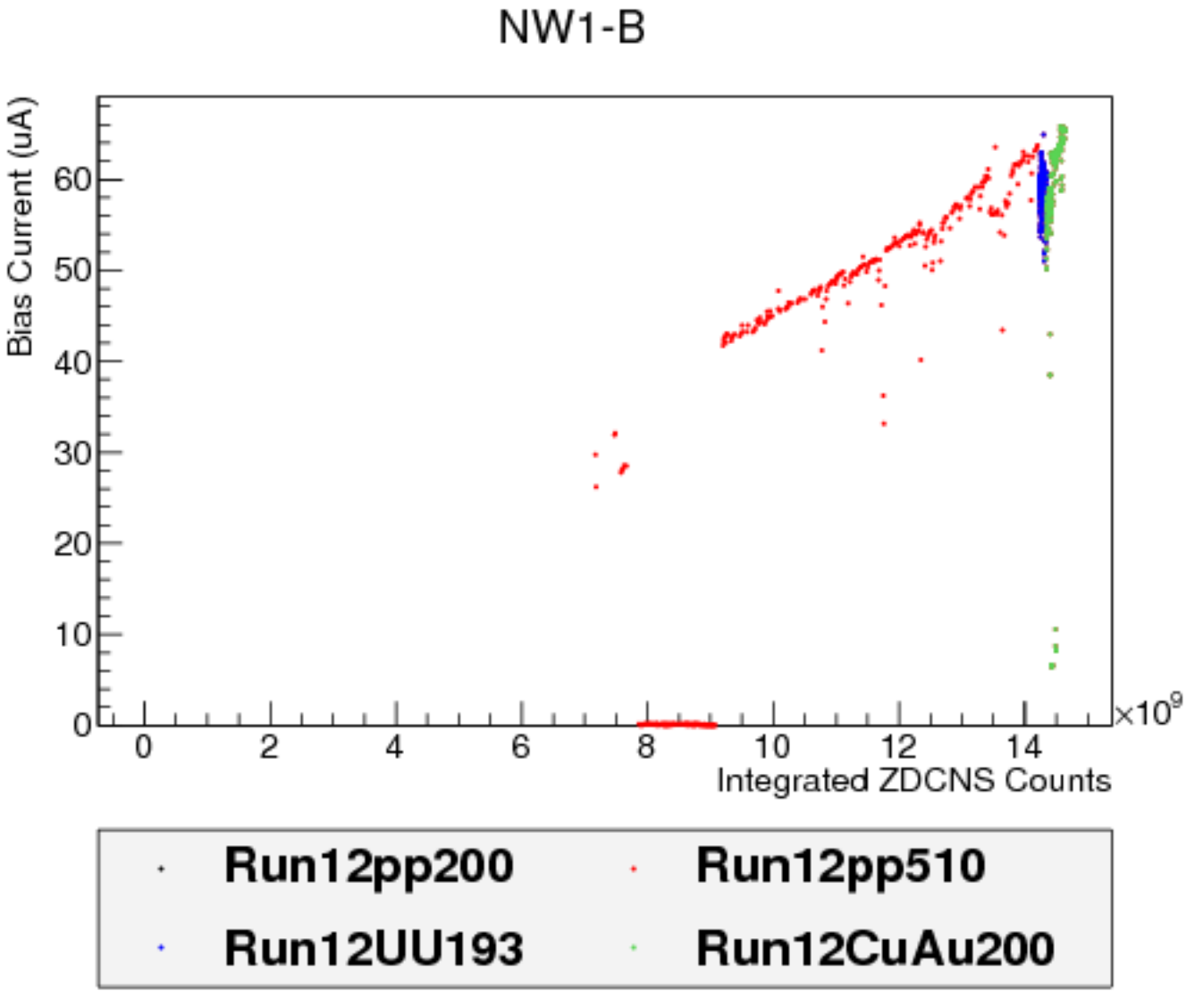

NE4-B
Bias Current (uA)
60
50
40
30
20
10
0
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

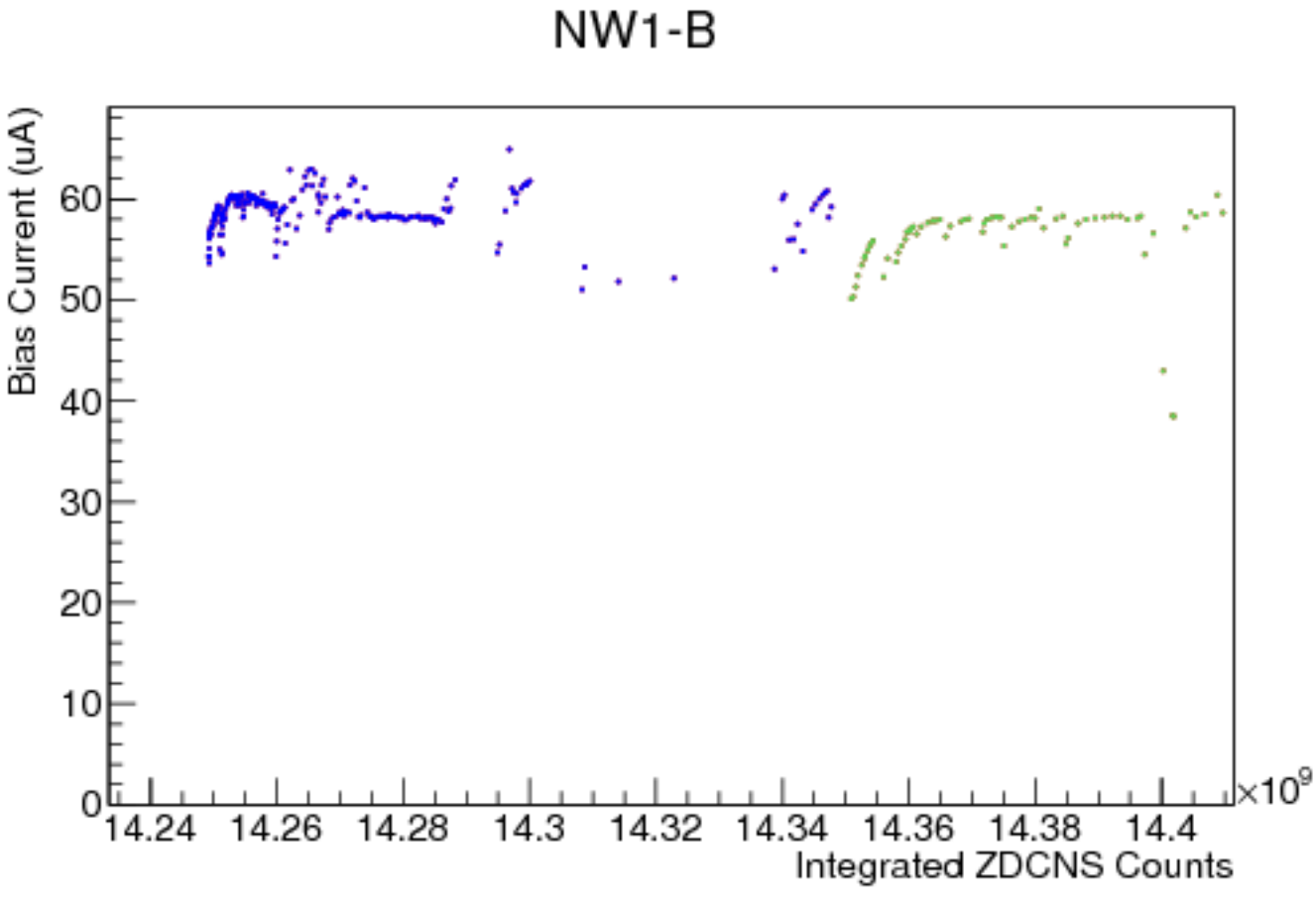

NE5-B
Bias Current (uA)
0
10
20
30
40
50
60
70
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

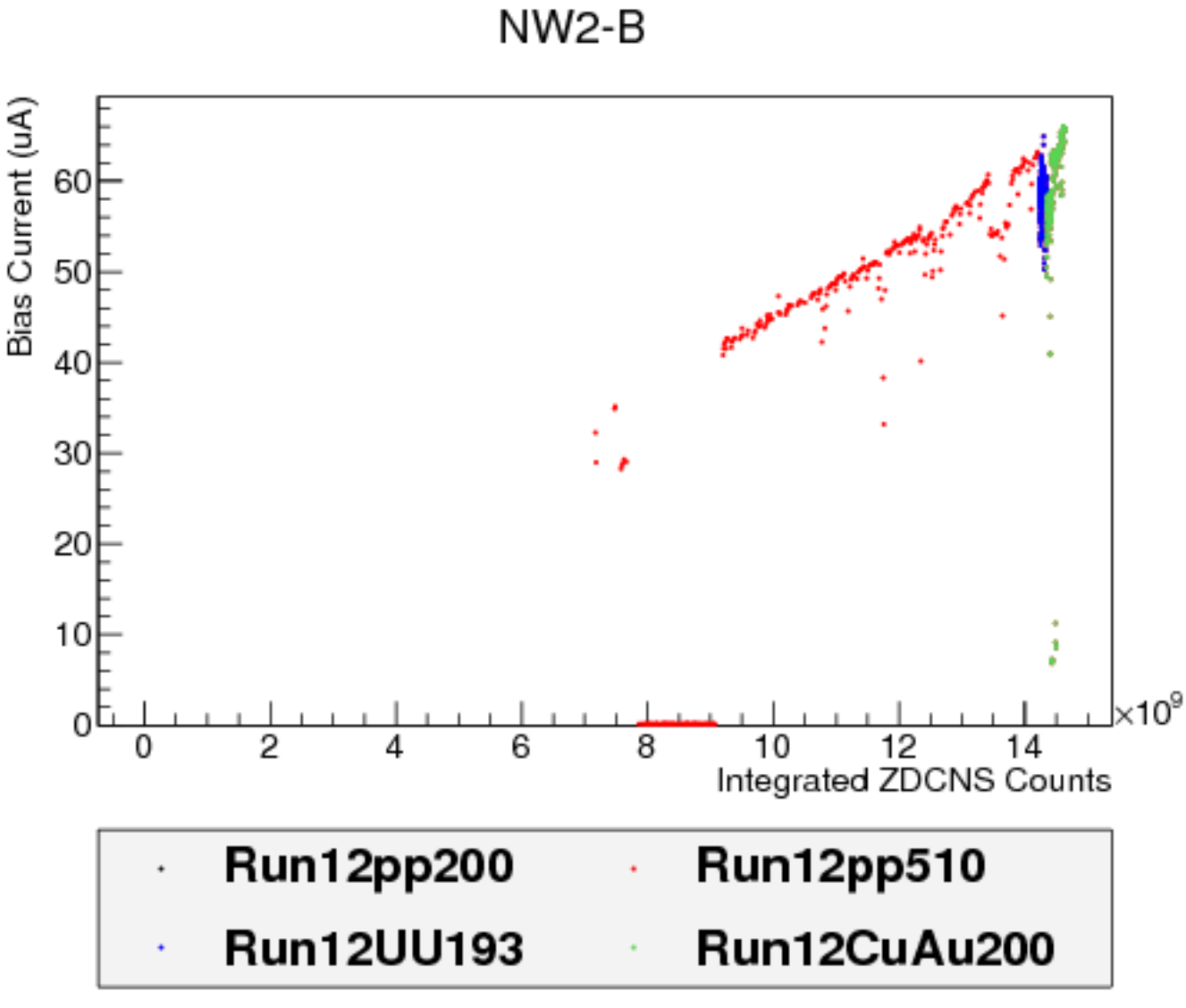

NE5-B
Bias Current (uA)
70
60
50
40
30
20
10
0
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

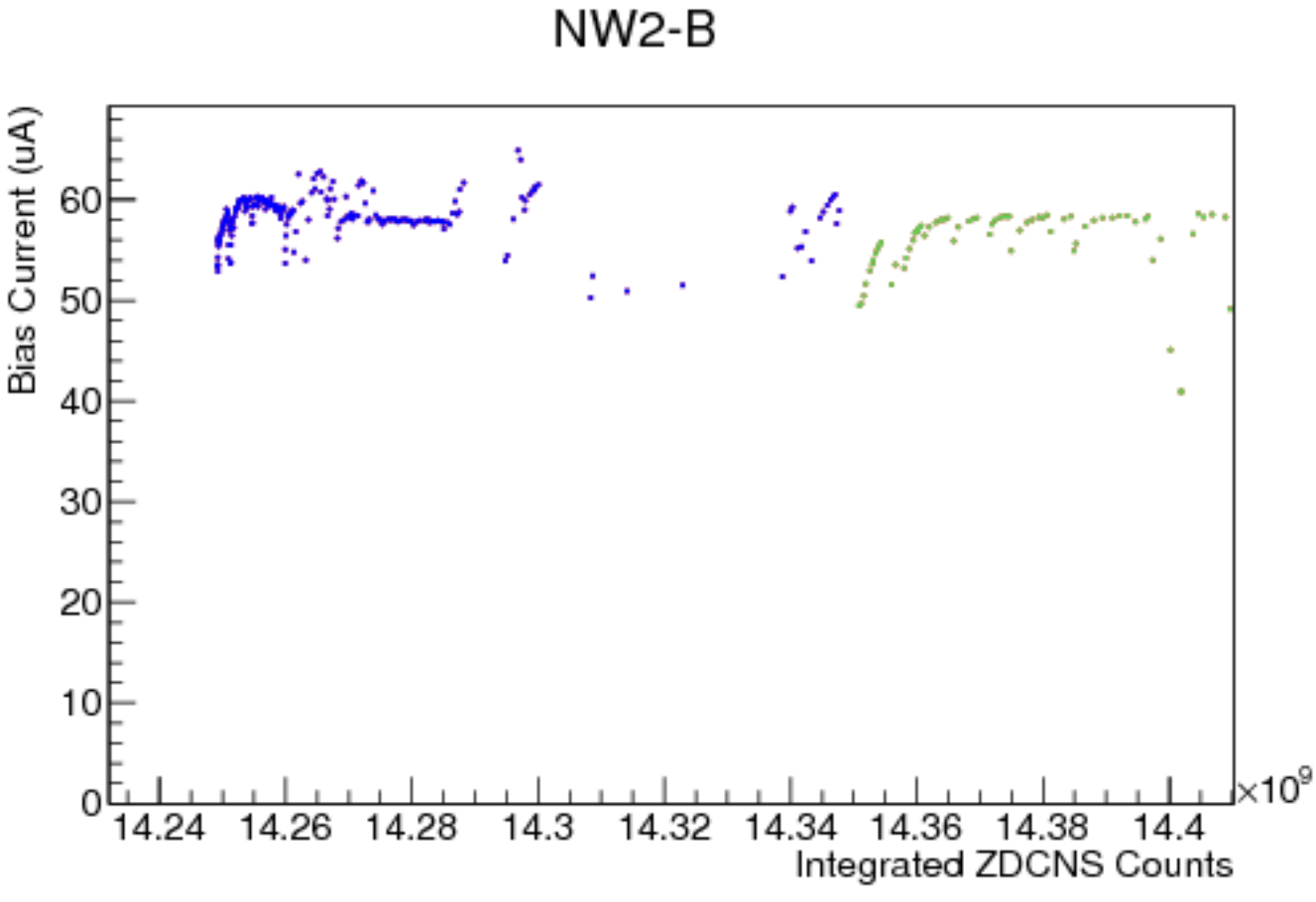

NW0-B
Bias Current (uA)
0
10
20
30
40
50
60
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

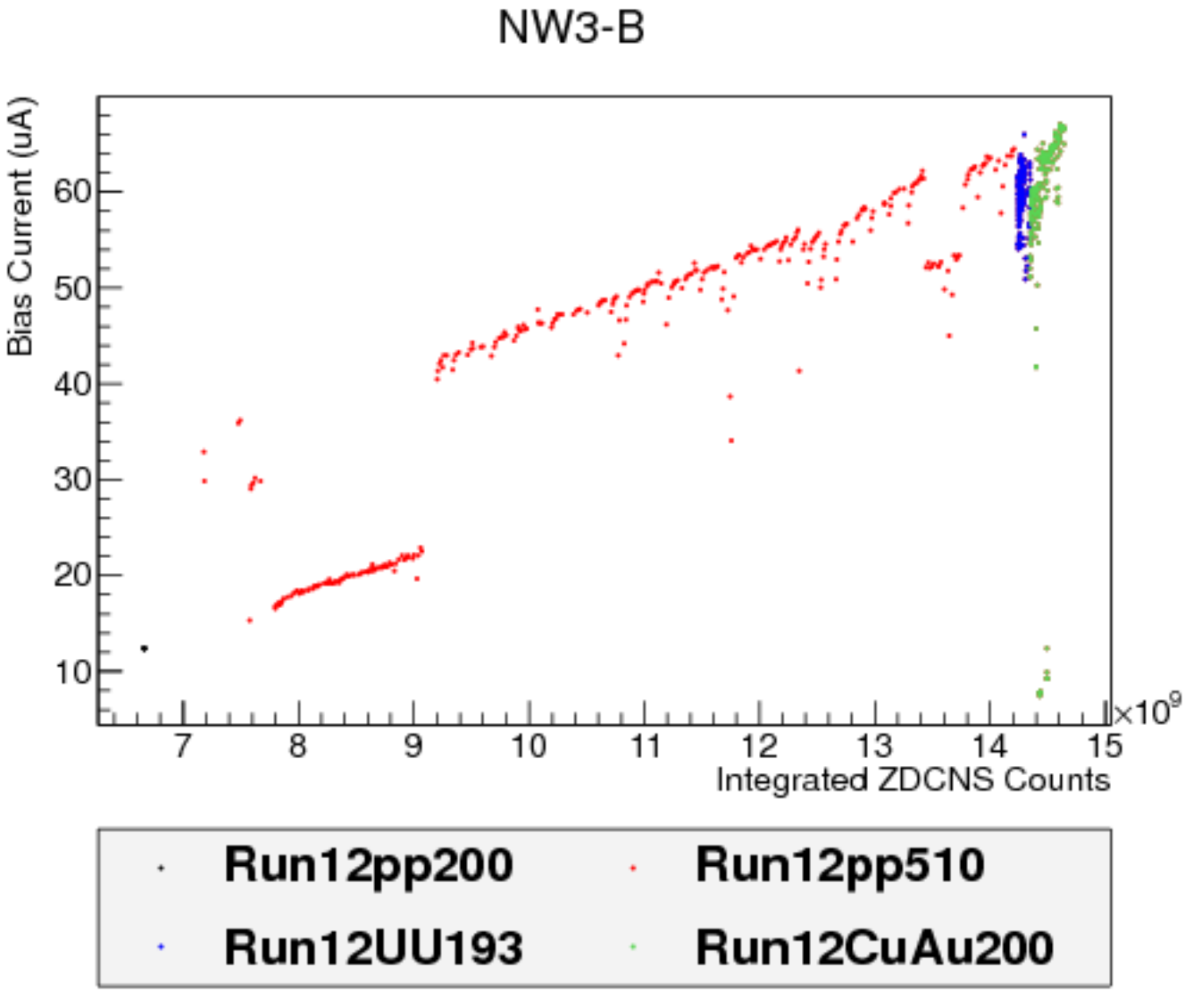

NW0-B
Bias Current (uA)
0
10
20
30
40
50
60
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

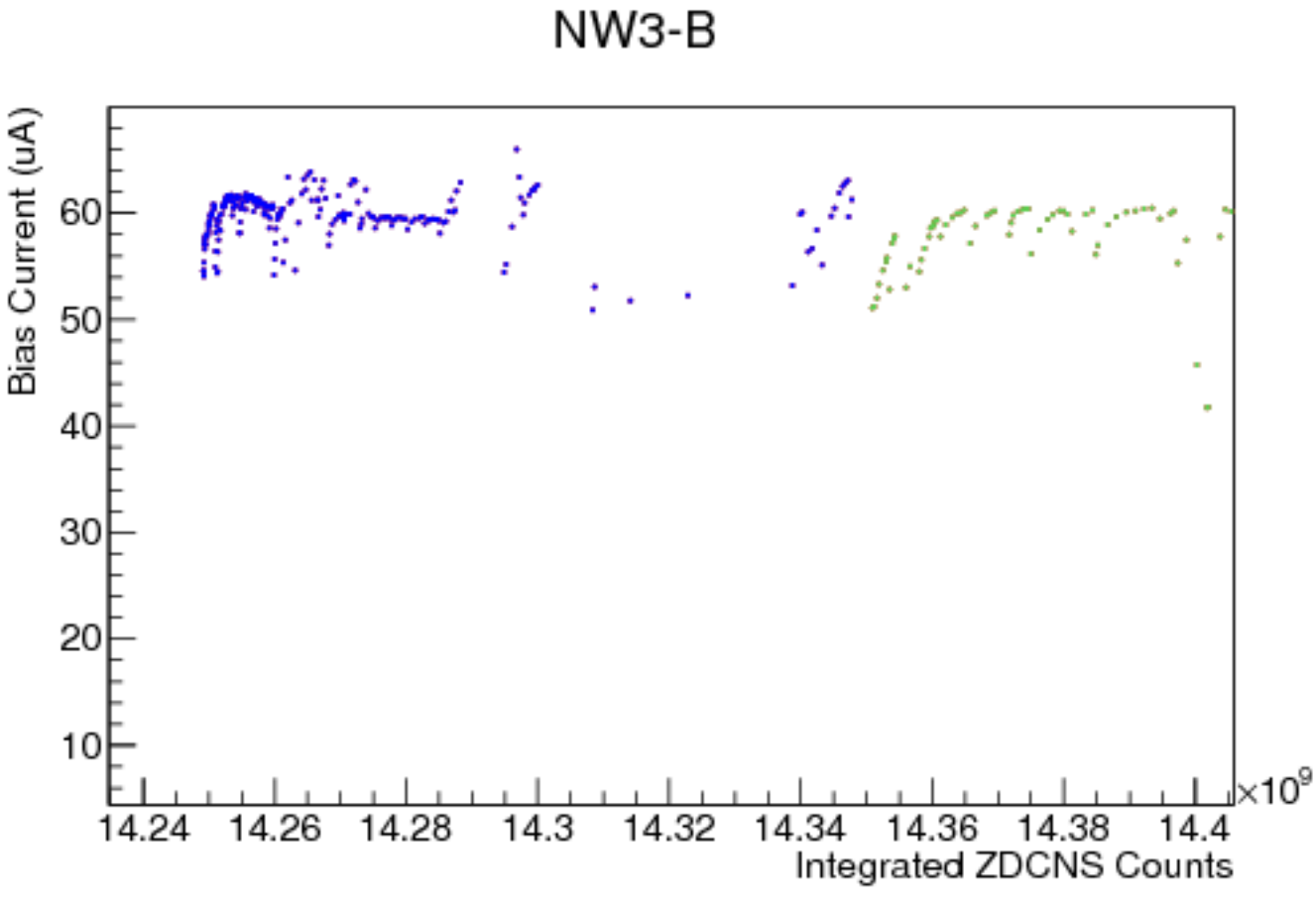

NW1-B
Bias Current (uA)
0
10
20
30
40
50
60
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

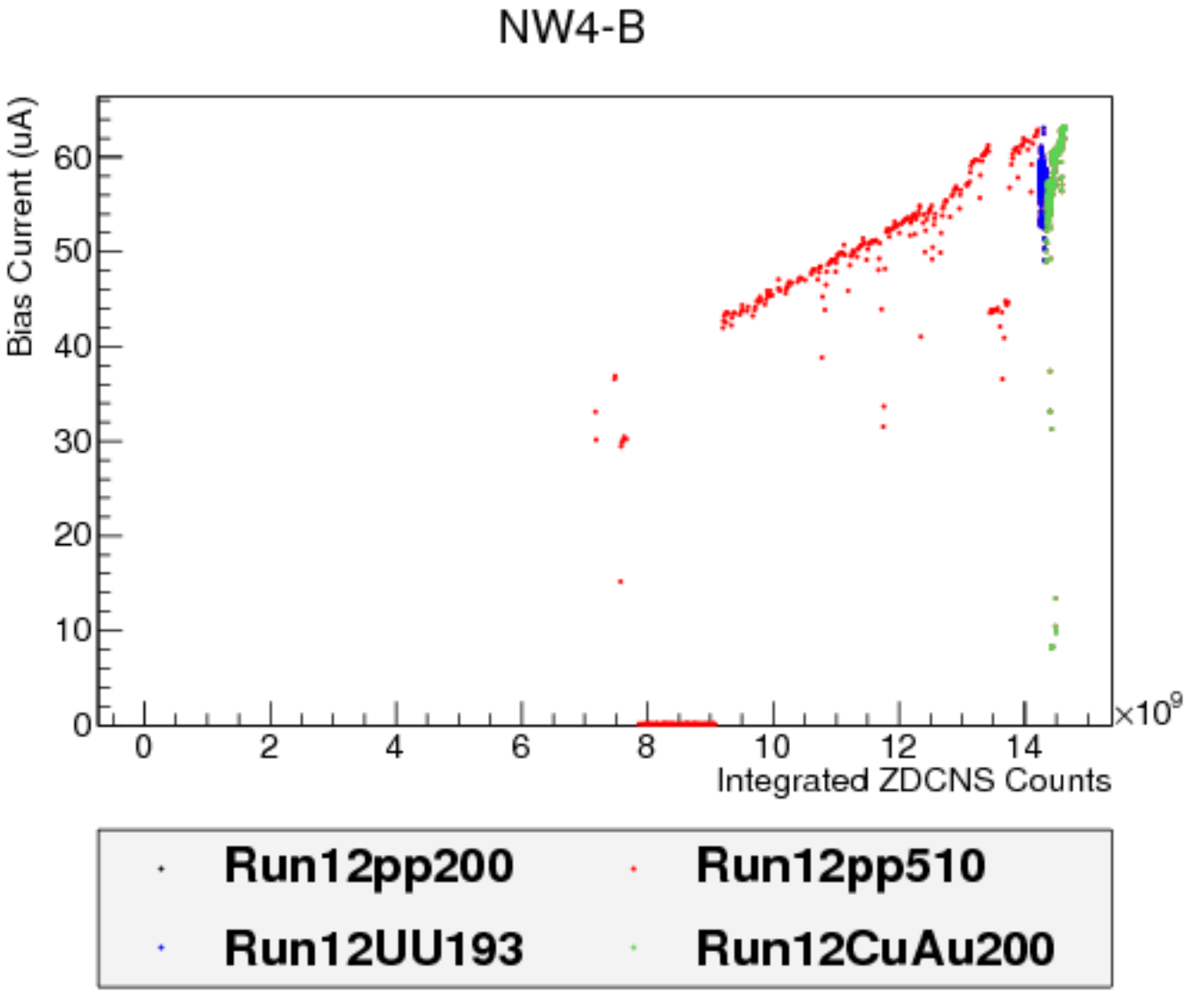

NW1-B
Bias Current (uA)
0
10
20
30
40
50
60
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

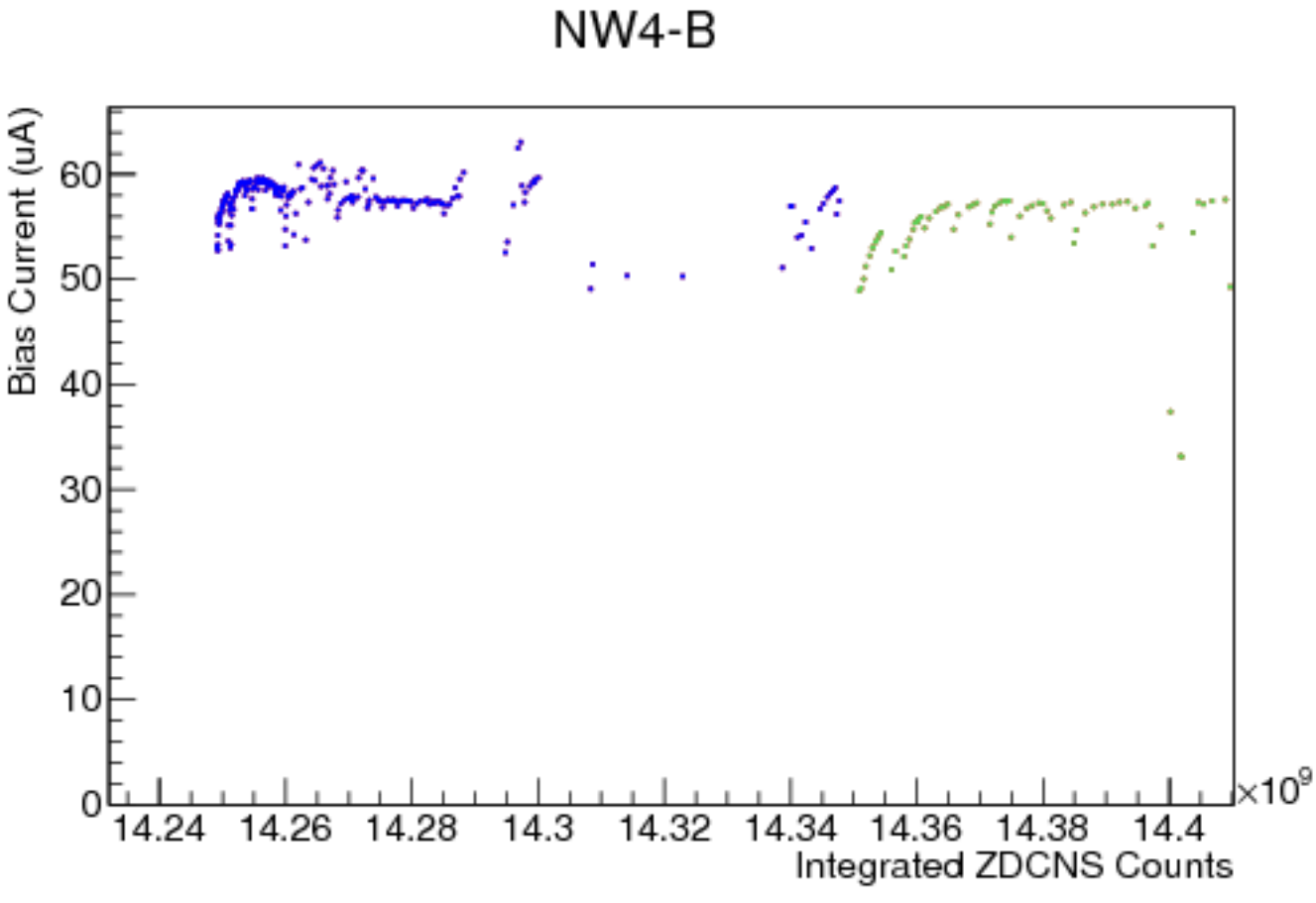

NW2-B
Bias Current (uA)
0
10
20
30
40
50
60
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

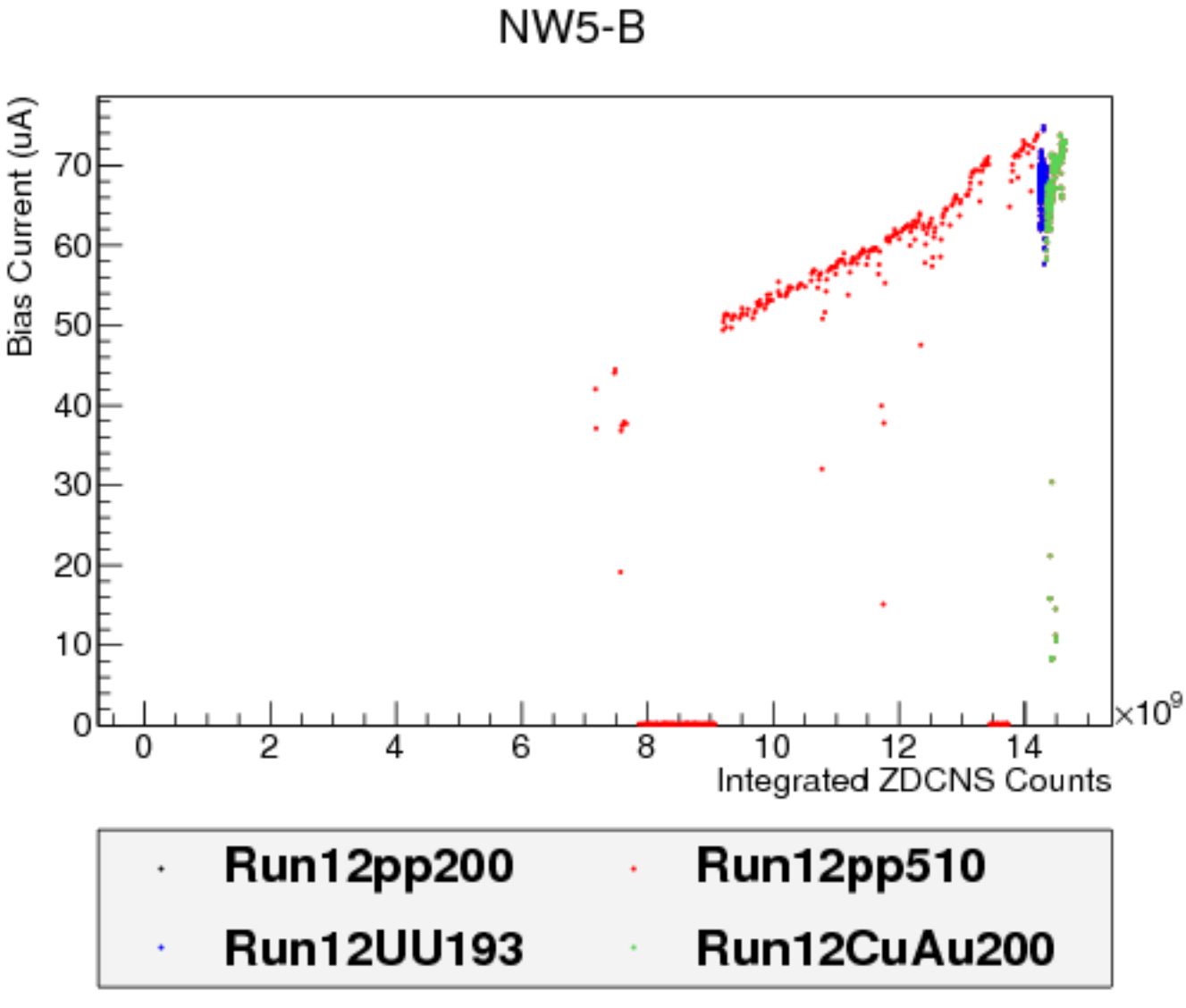

NW2-B
Bias Current (uA)
0
10
20
30
40
50
60
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

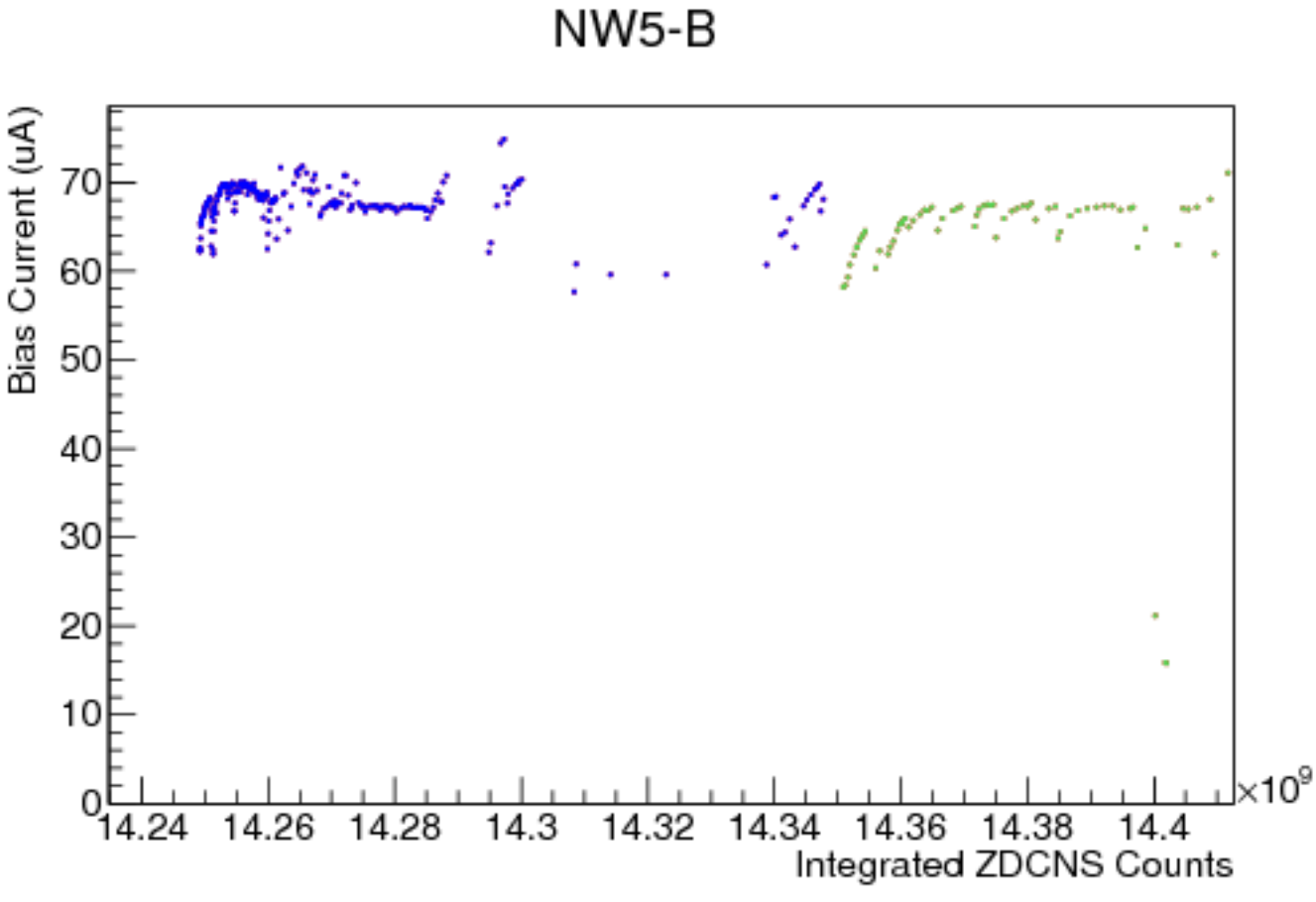

NW3-B
Bias Current (uA)
60
50
40
30
20
10
7
8
9
10
11
12
13
14
15
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200

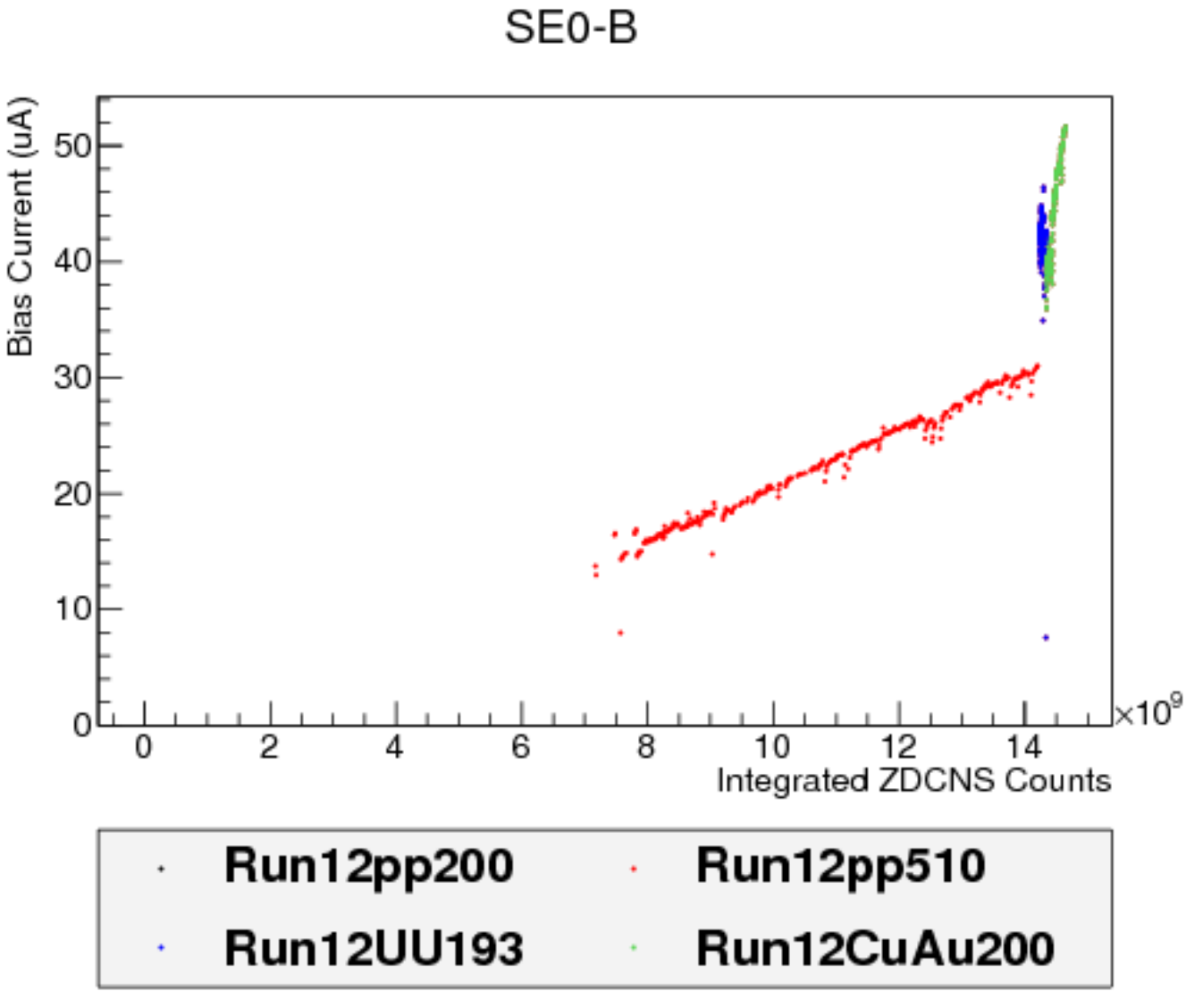

NW3-B
Bias Current (uA)
60
50
40
30
20
10
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts

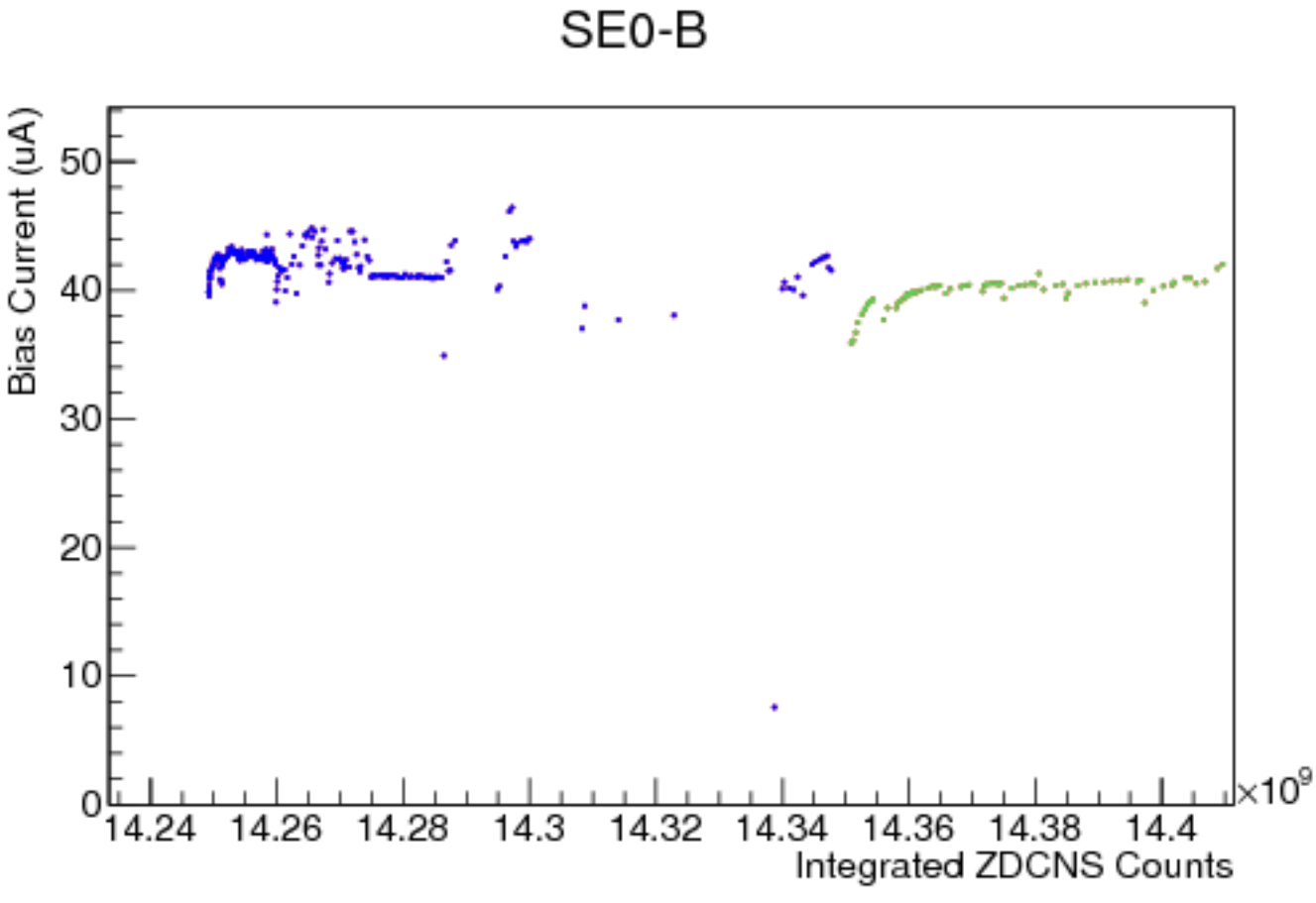

NW4-B
Bias Current (uA)
0
10
20
30
40
50
60
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


NW4-B
Bias Current (uA)
0
10
20
30
40
50
60
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts


NW5-B
Bias Current (uA)
0
10
20
30
40
50
60
70
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


NW5-B
Bias Current (uA)
70
60
50
40
30
20
10
0
14.24
14.26
14.28
14.3
14.32
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts


SE0-B
Bias Current (uA)
0
10
20
30
40
50
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SE0-B
Bias Current (uA)
50
40
30
20
10
0
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14.28
14.3
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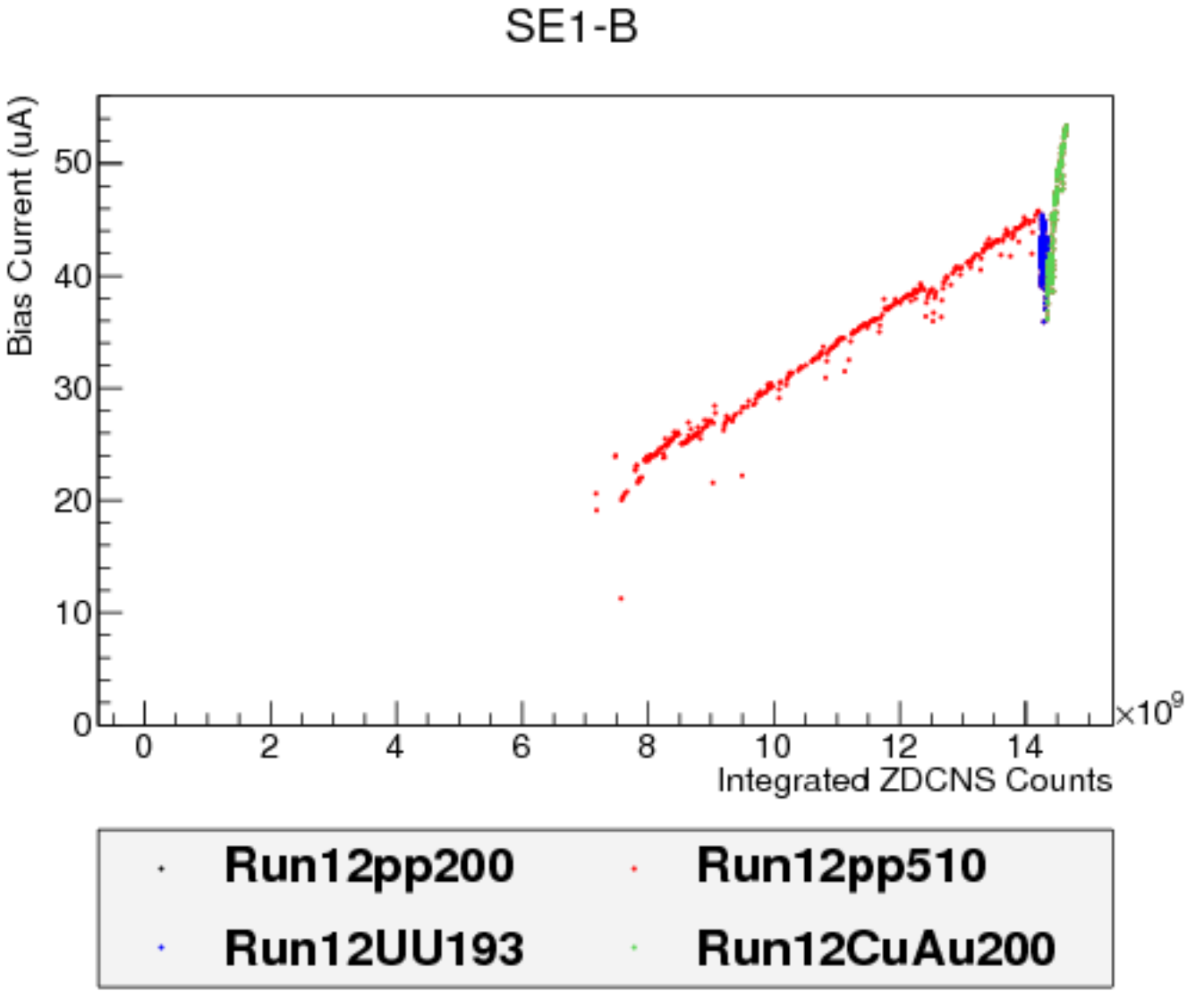
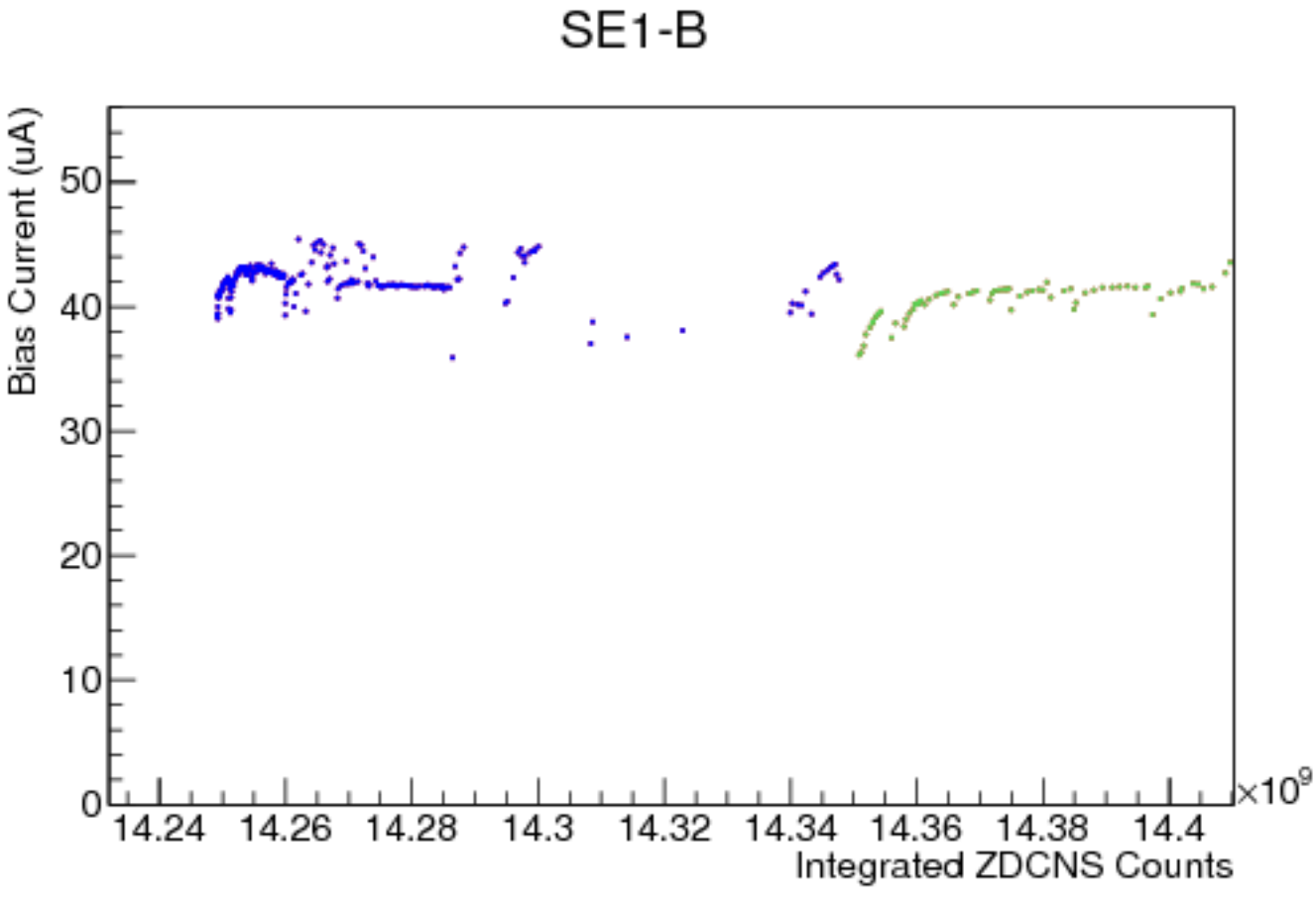
14.34
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts


SE1-B
Bias Current (uA)
0
10
20
30
40
50
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SE1-B
Bias Current (uA)
50
40
30
20
10
0
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14.3
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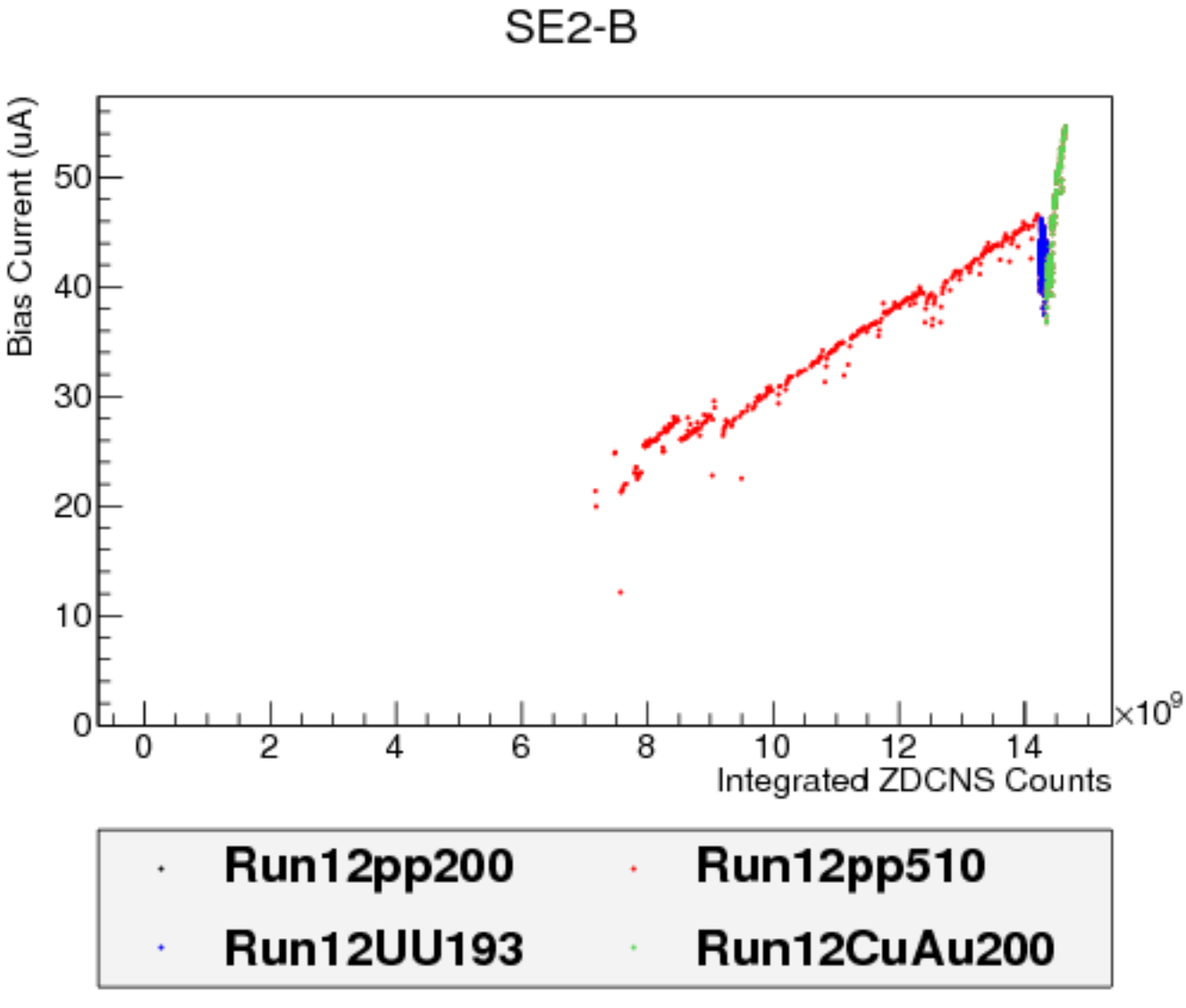
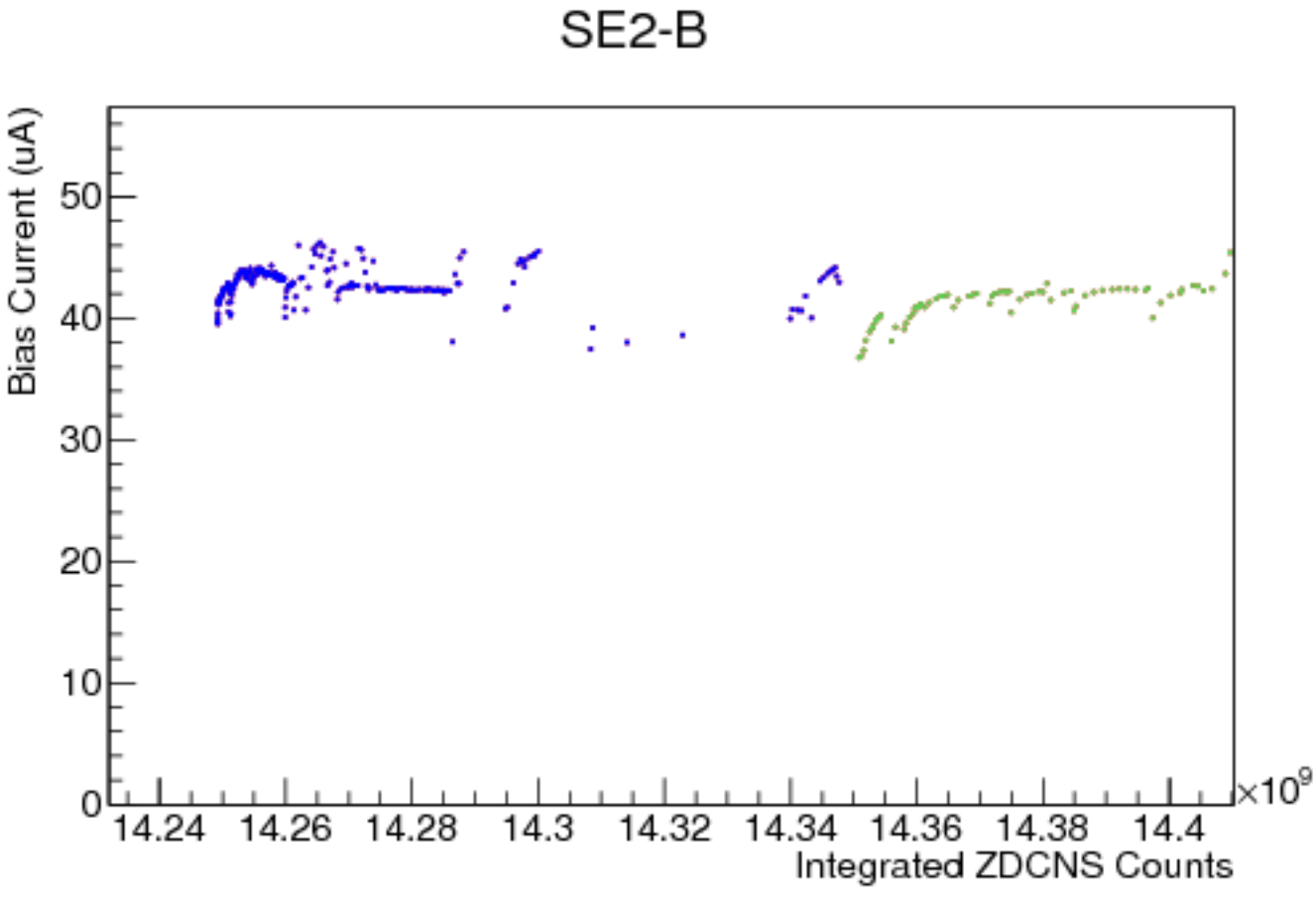
14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts


SE2-B
Bias Current (uA)
0
10
20
30
40
50
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SE2-B
Bias Current (uA)
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40
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20
10
0
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14.3
14.32
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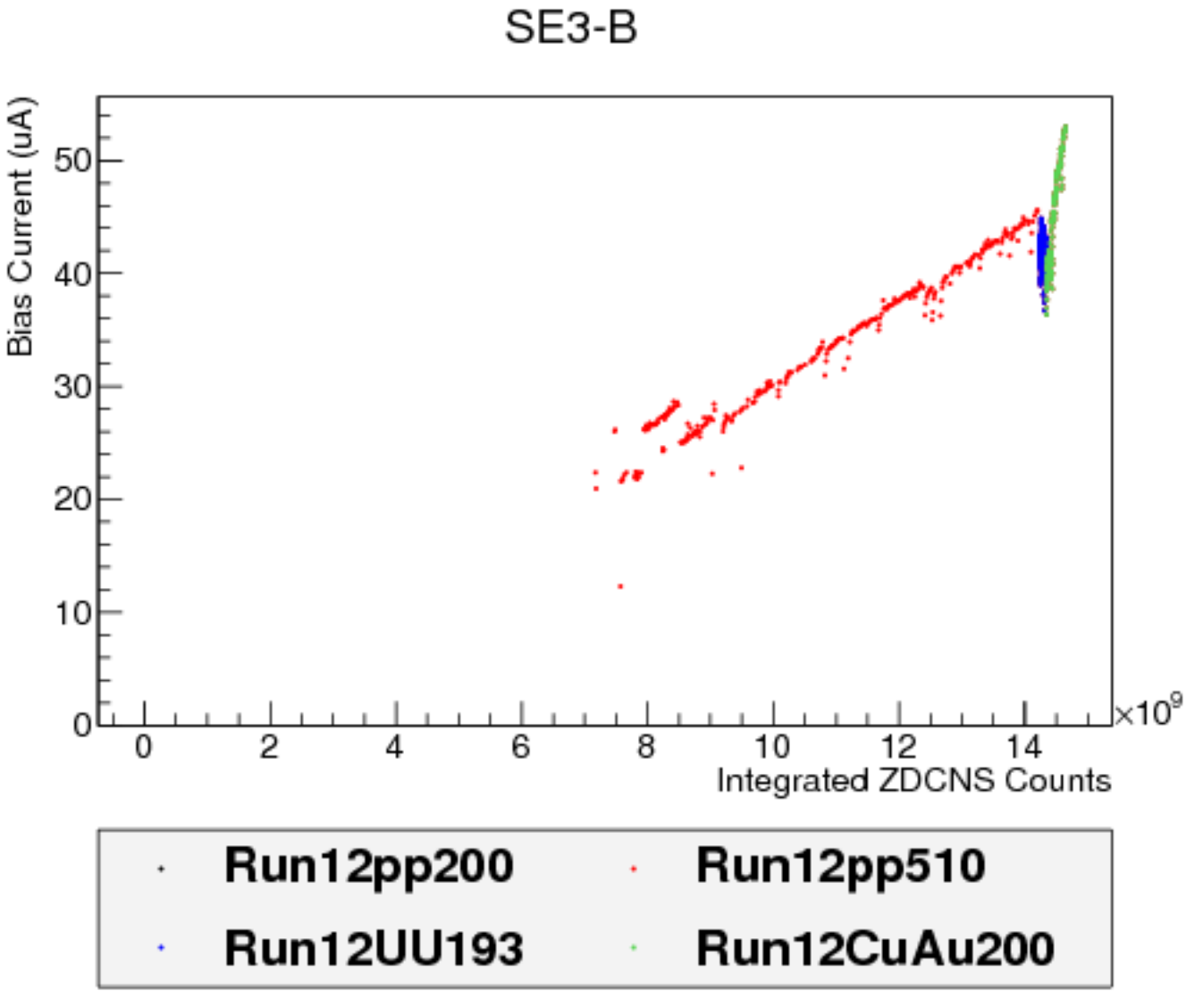
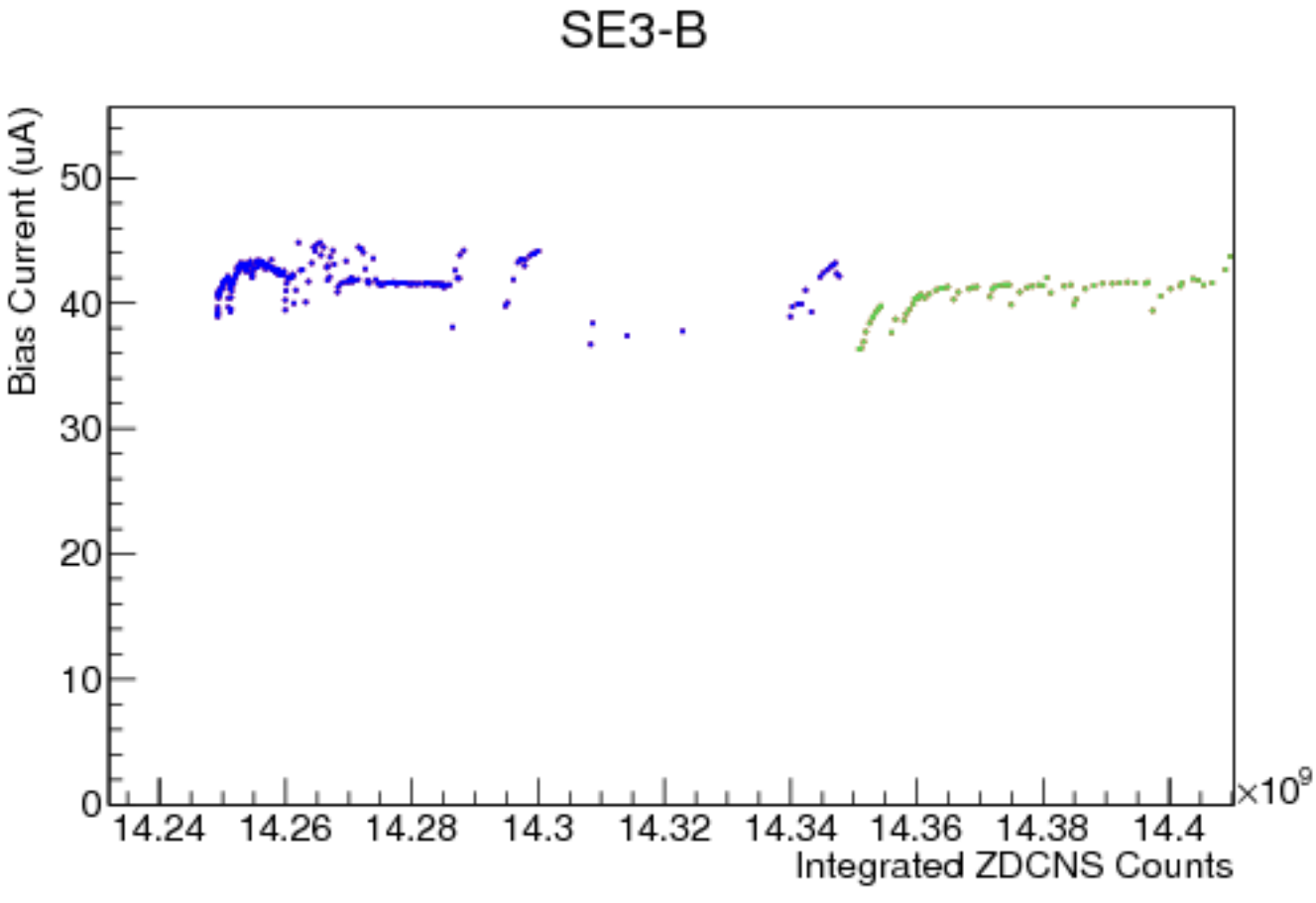
14.38
14.4
×10^9
Integrated ZDCNS Counts


SE3-B
Bias Current (uA)
0
10
20
30
40
50
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SE3-B
Bias Current (uA)
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20
10
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14.3
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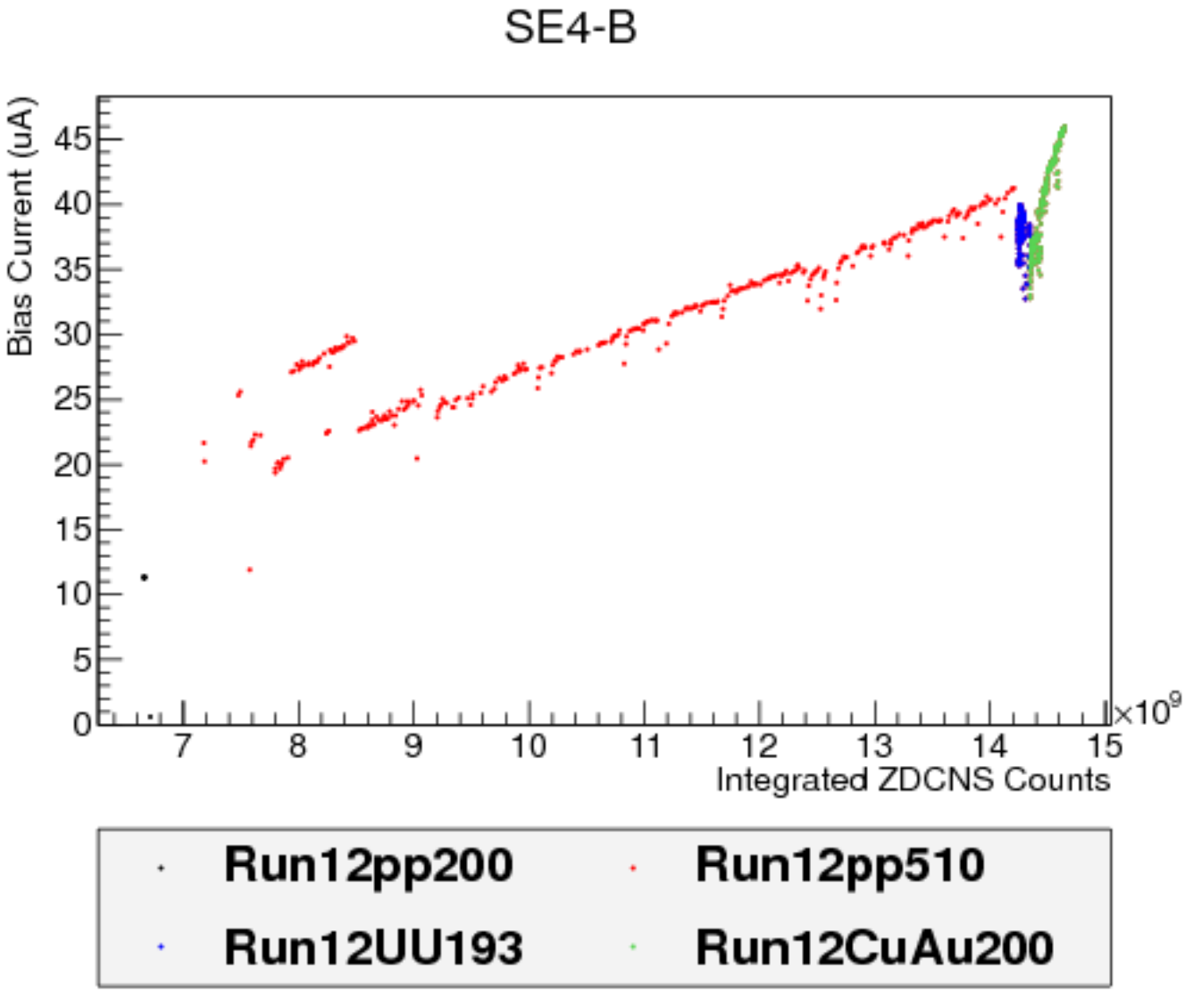
14.38
14.4
×10^9
Integrated ZDCNS Counts


SE4-B
Bias Current (uA)
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40
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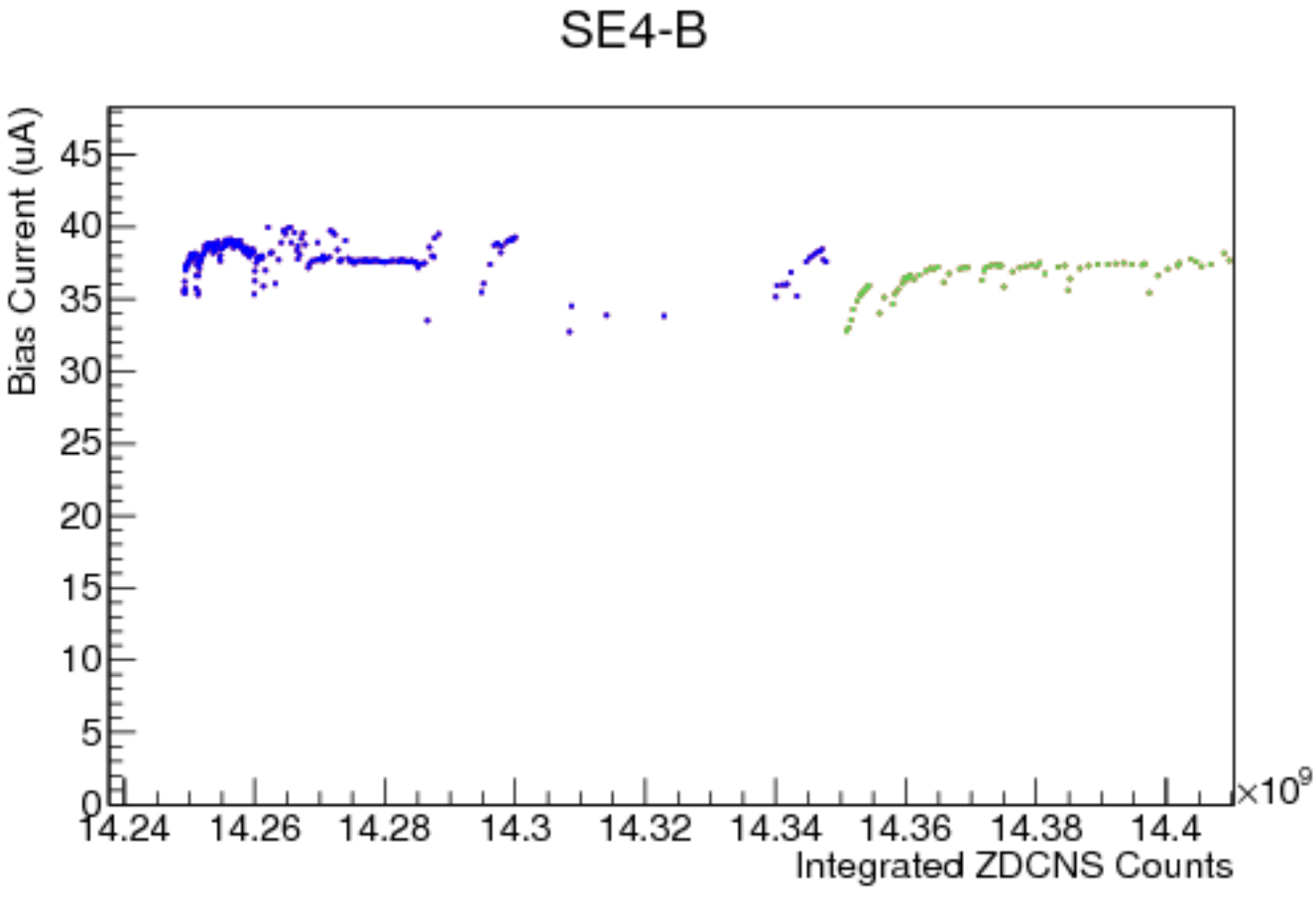
30
25
20
15
10
5
0
7
8
9
10
11
12
13
14
15
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SE4-B
Bias Current (uA)
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40
35
30
25
20
15
10
5
0
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14.28
14.3
14.32
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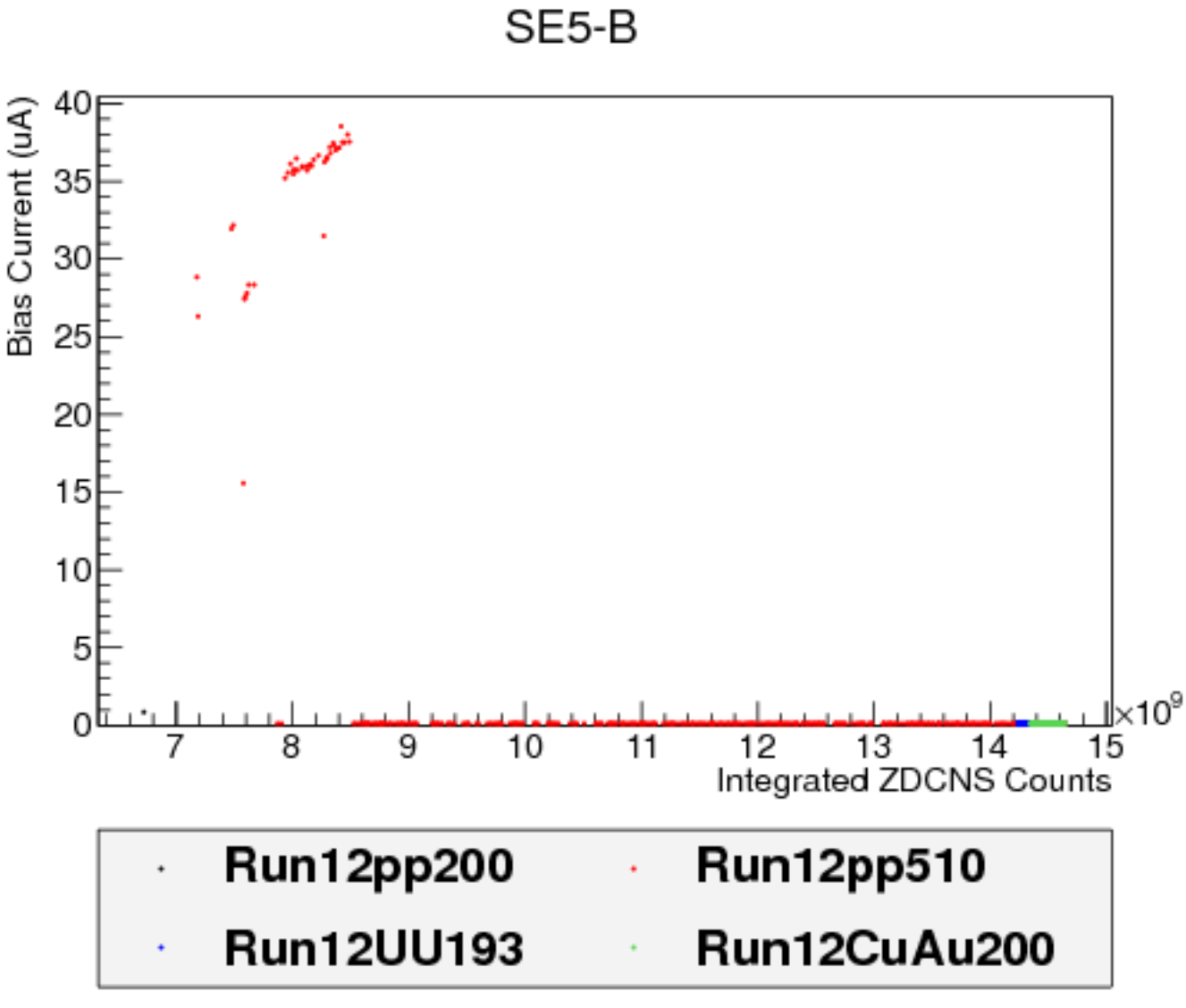
14.38
14.4
×10^9
Integrated ZDCNS Counts


SE5-B
Bias Current (uA)
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35
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25
20
15
10
5
0
7
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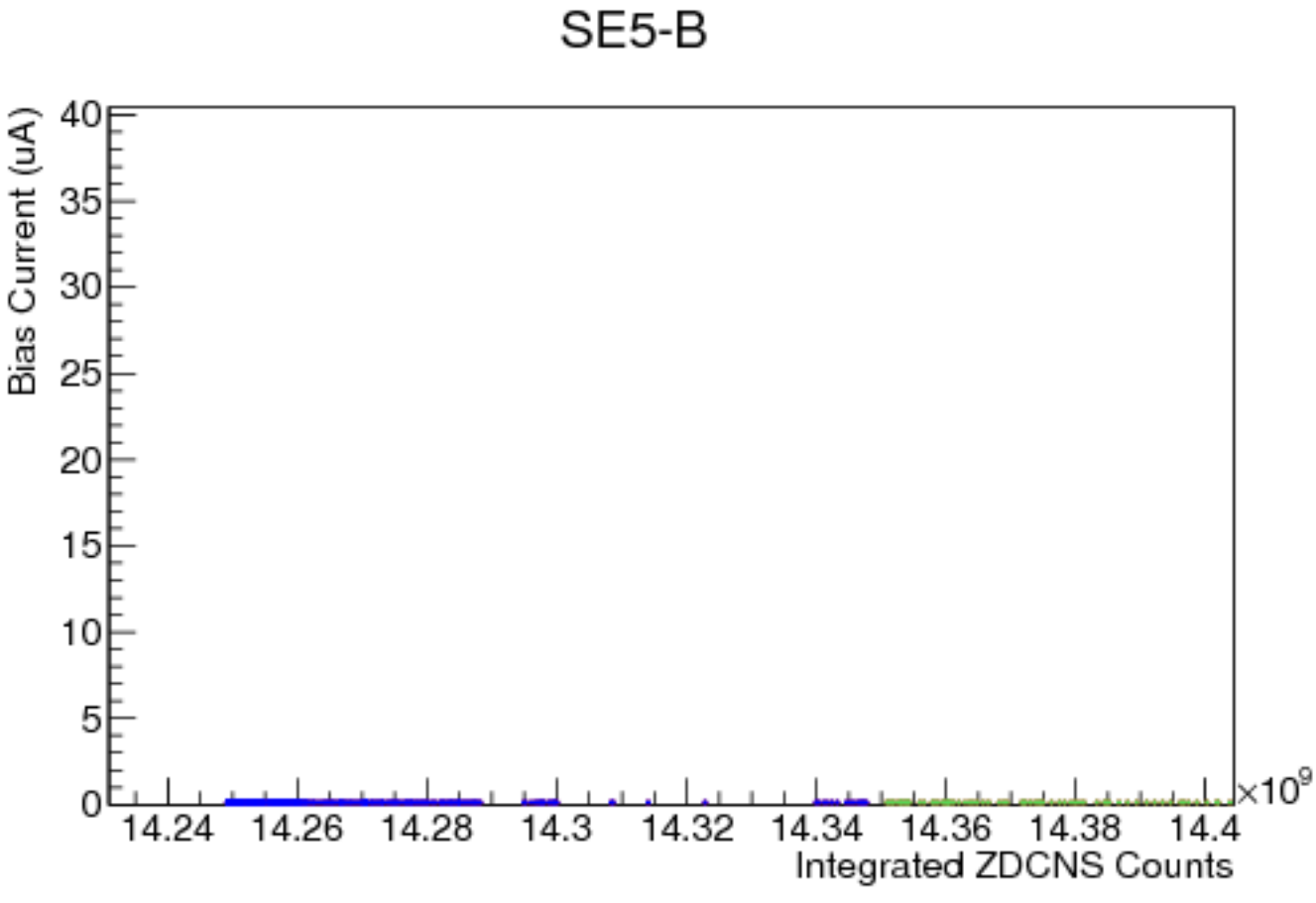
10
11
12
13
14
15
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SE5-B
Bias Current (uA)
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35
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25
20
15
10
5
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14.28
14.3
14.32
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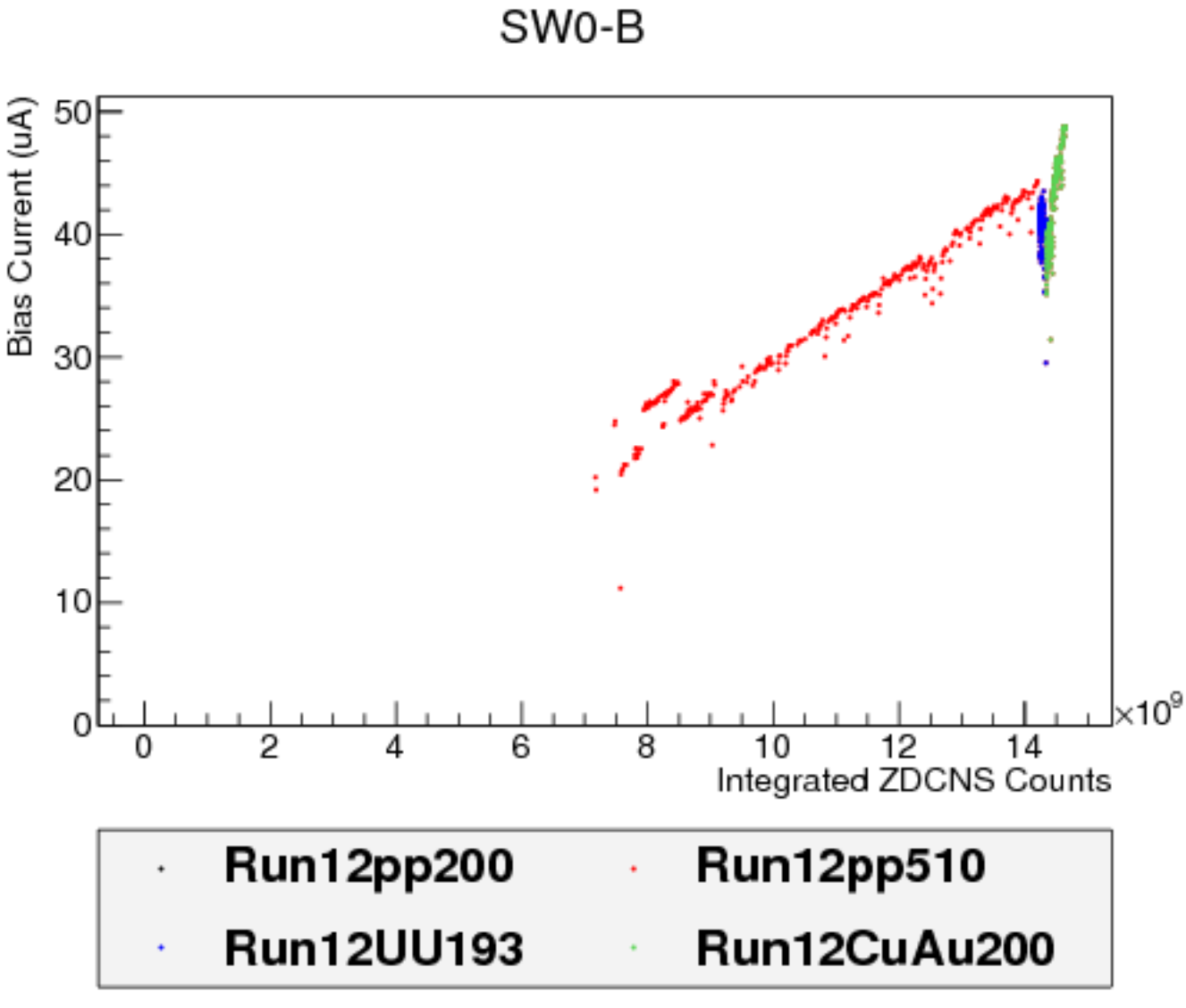
14.38
14.4
×10^9
Integrated ZDCNS Counts


SW0-B
Bias Current (uA)
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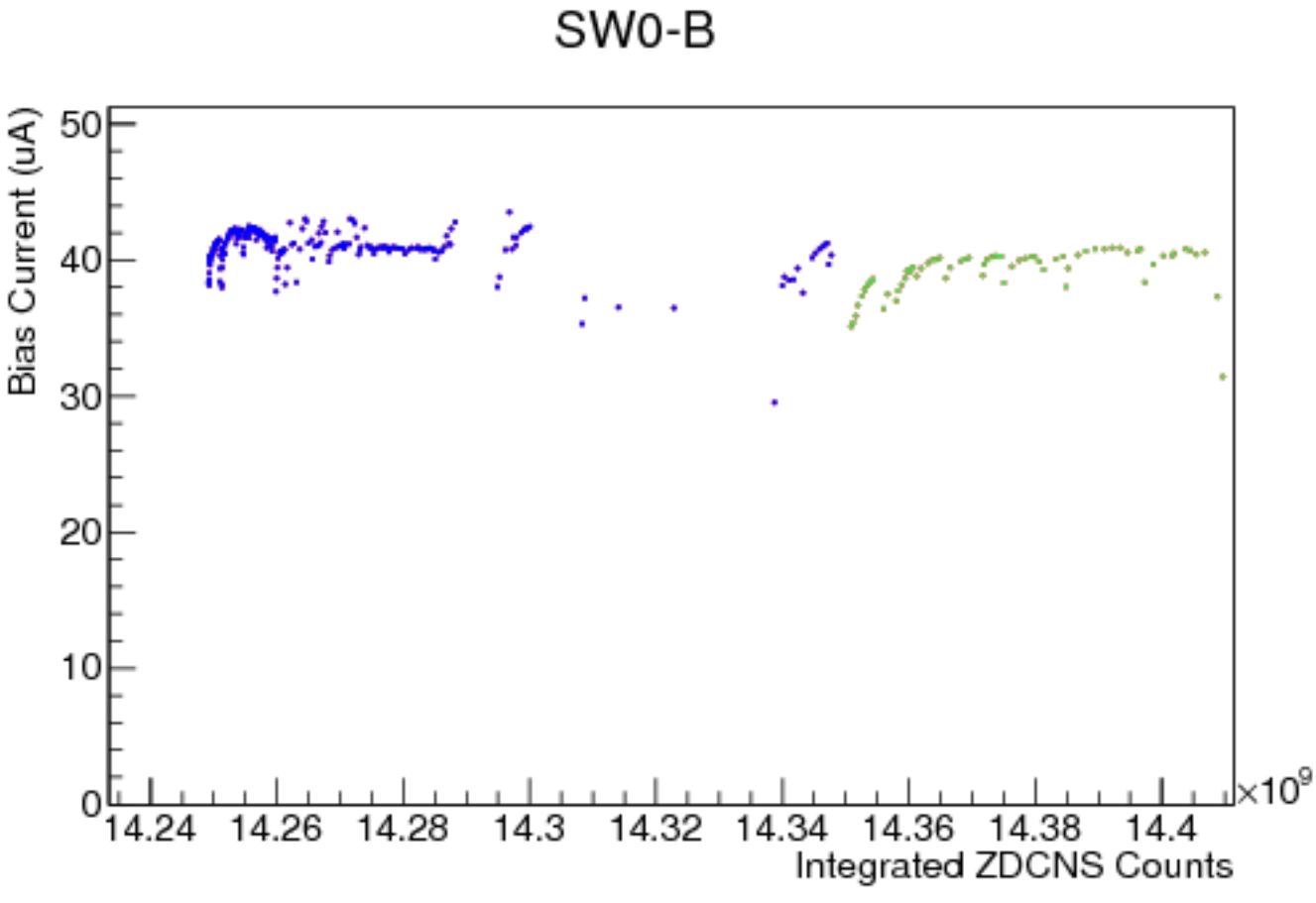
40
30
20
10
0
0
2
4
6
8
10
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SW0-B
Bias Current (uA)
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40
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20
10
0
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14.28
14.3
14.32
14.34
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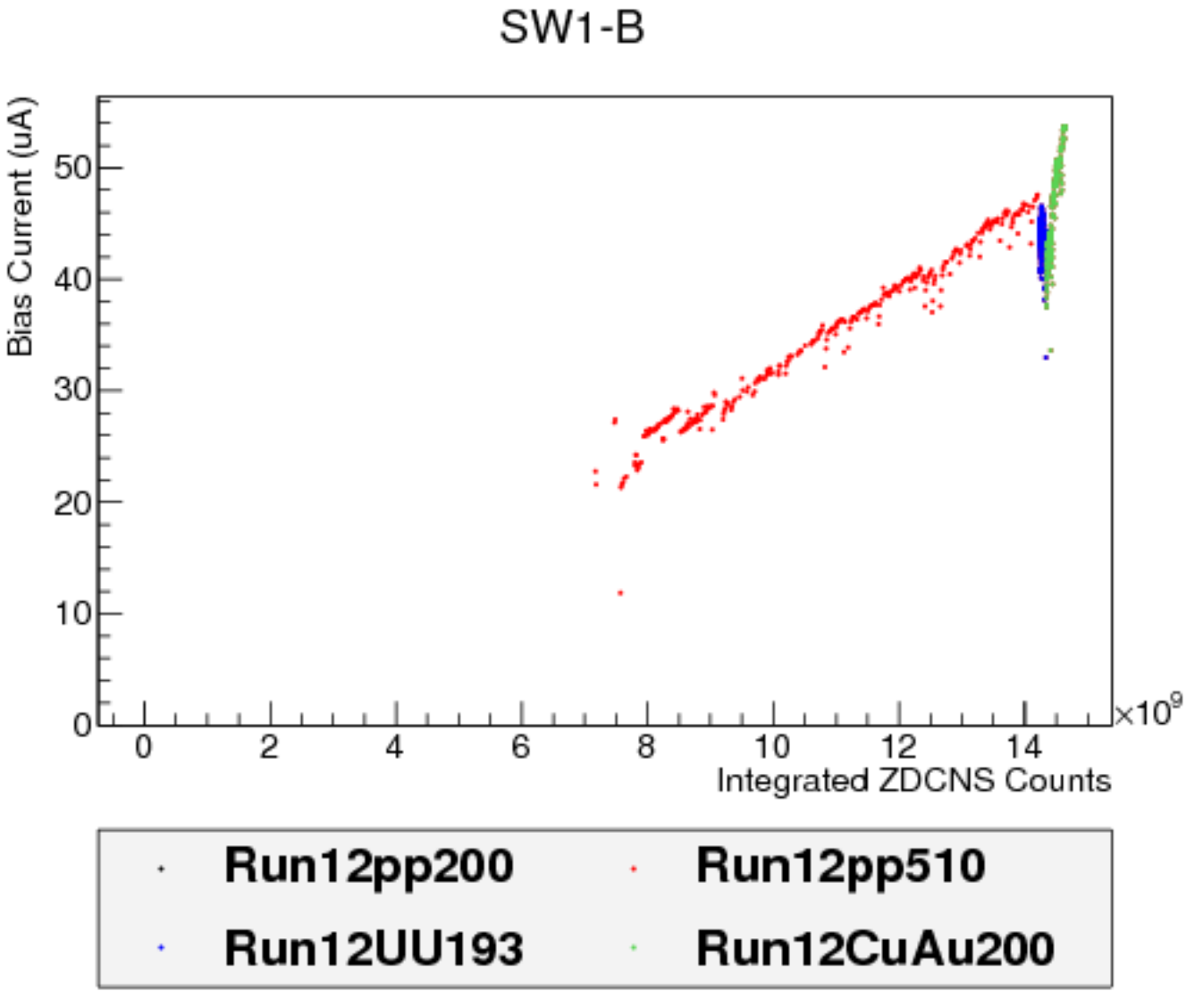
14.38
14.4
×10^9
Integrated ZDCNS Counts


SW1-B
Bias Current (uA)
0
10
20
30
40
50
0
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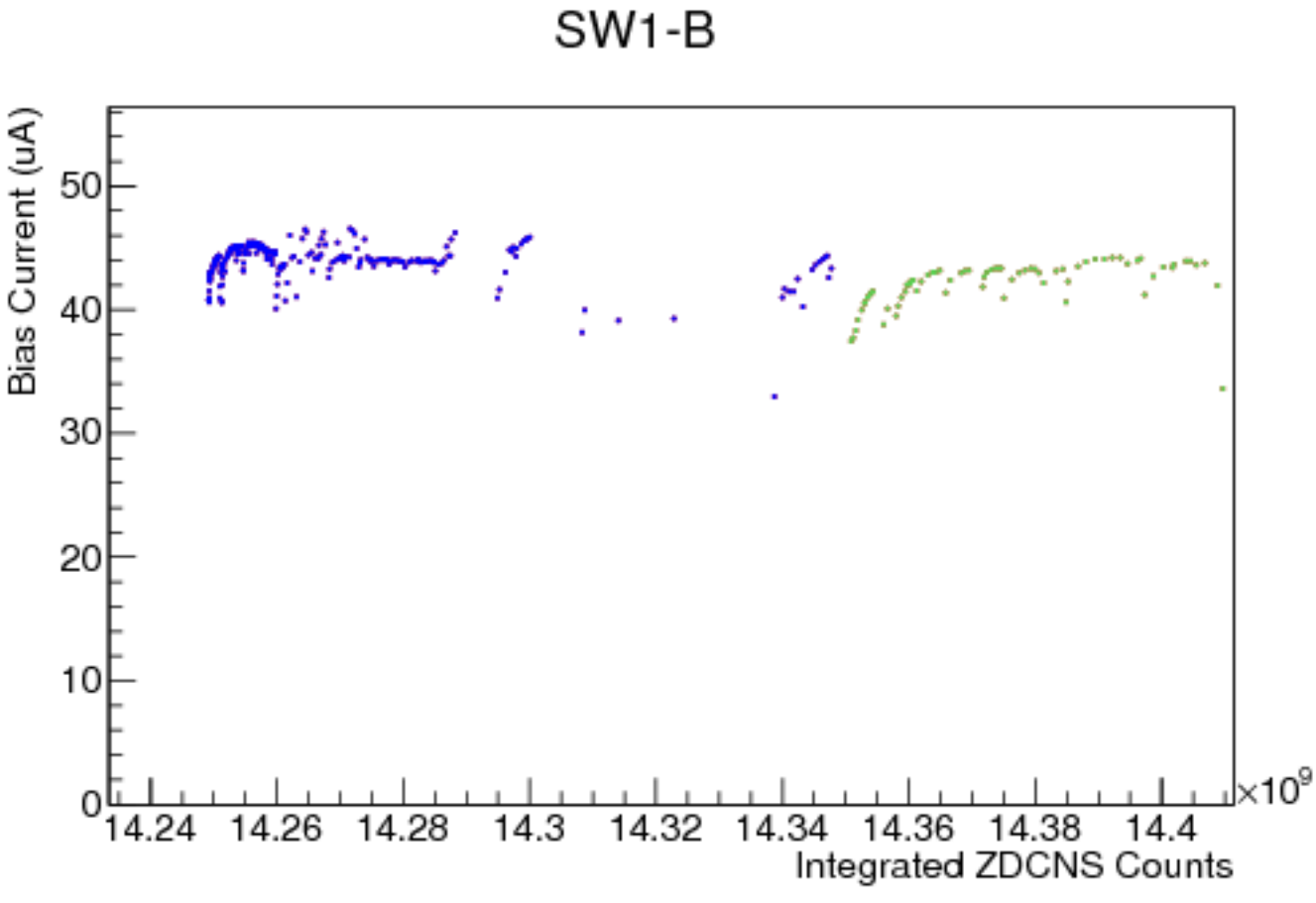
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SW1-B
Bias Current (uA)
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14.32
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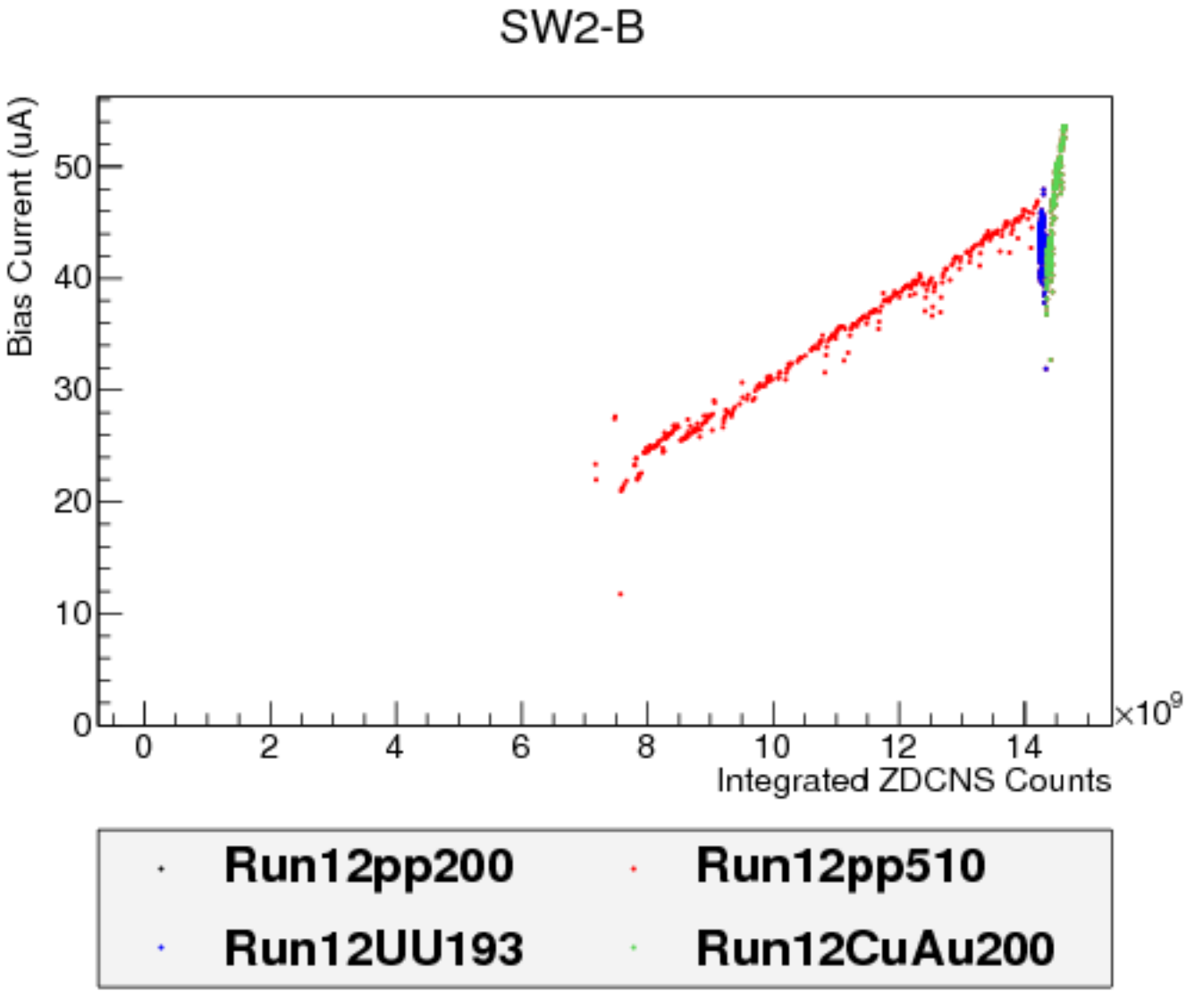
14.38
14.4
×10^9
Integrated ZDCNS Counts


SW2-B
Bias Current (uA)
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10
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30
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50
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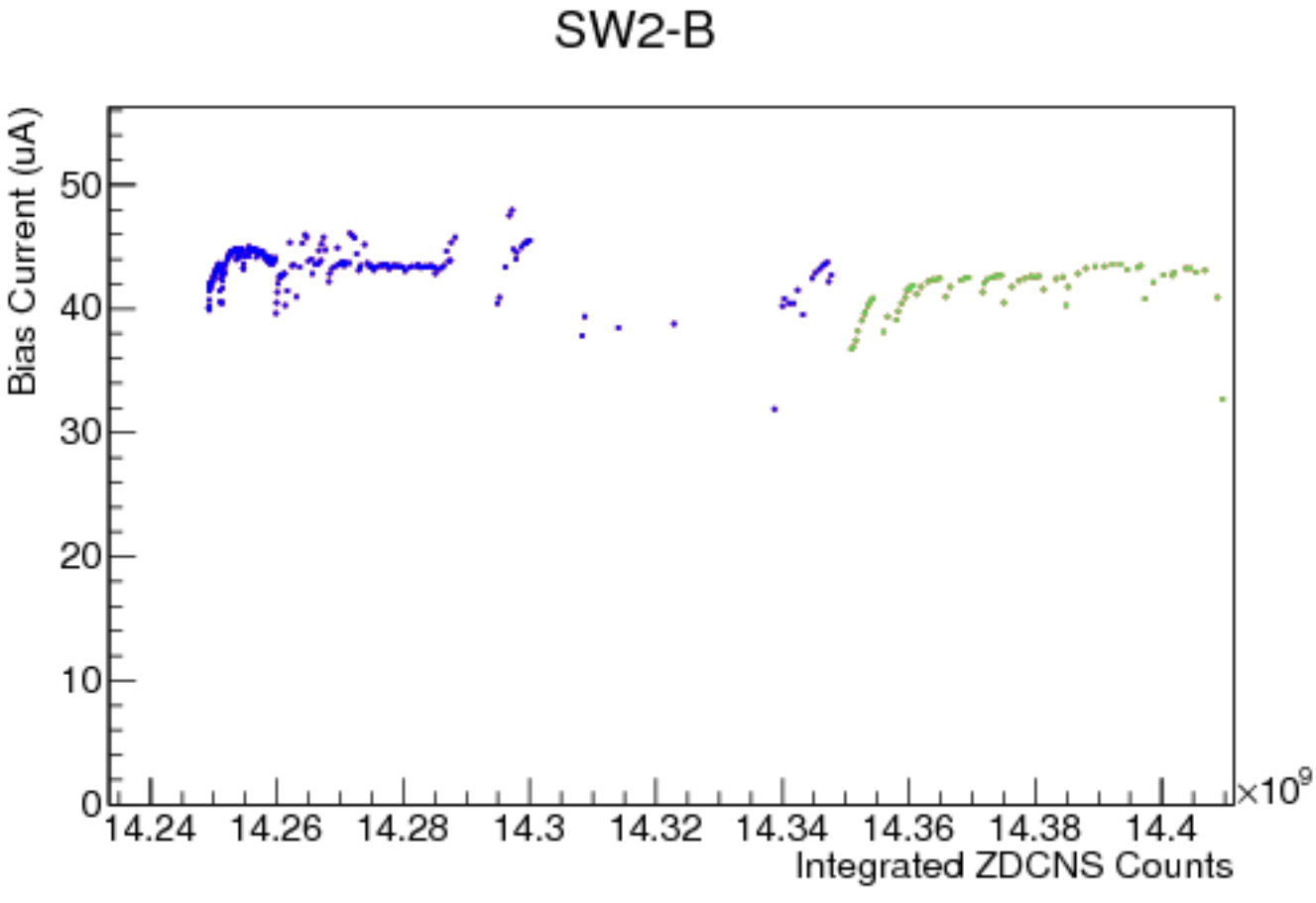
12
14
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SW2-B
Bias Current (uA)
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14.38
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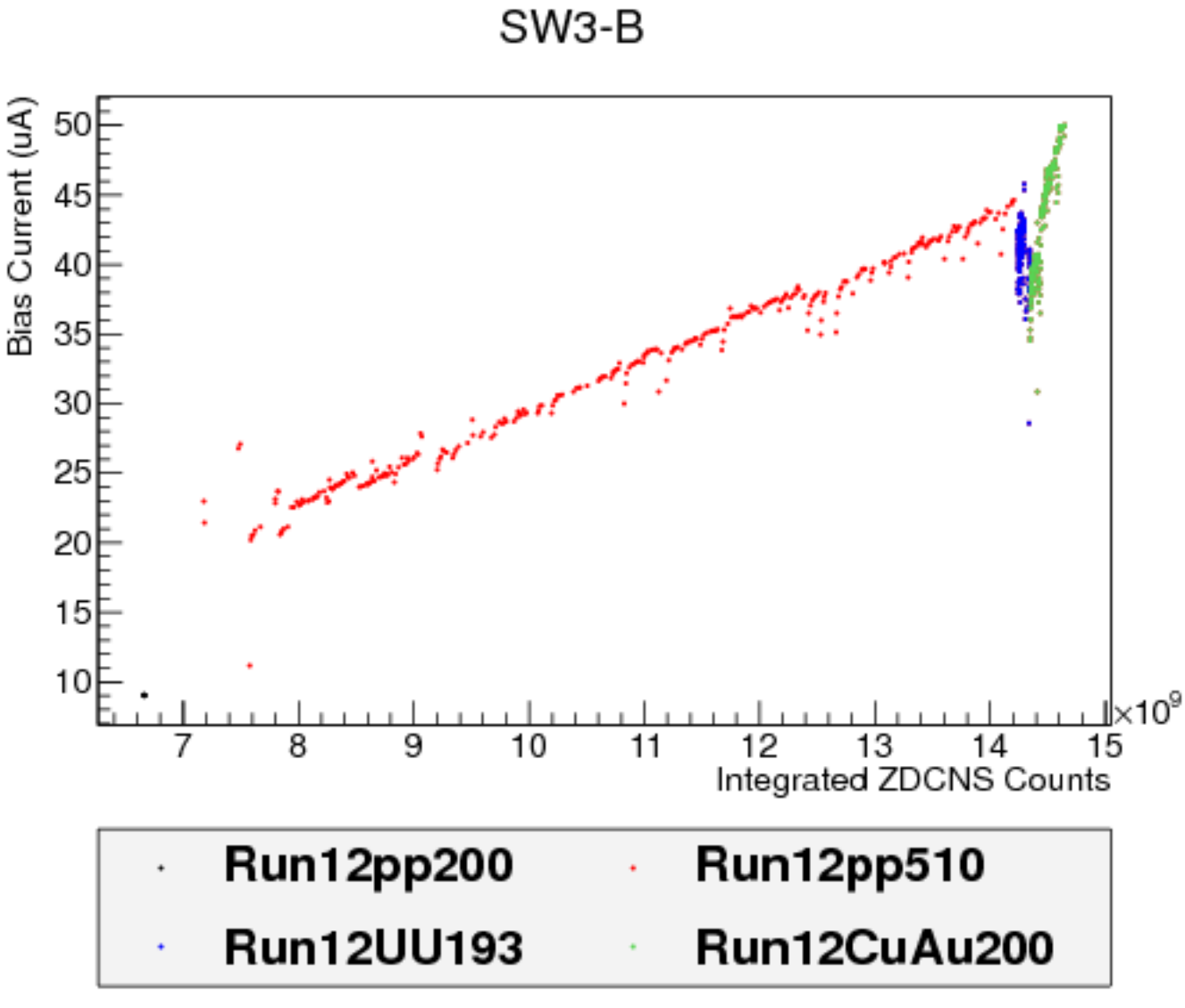
×10^9
Integrated ZDCNS Counts


SW3-B
Bias Current (uA)
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45
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35
30
25
20
15
10
7
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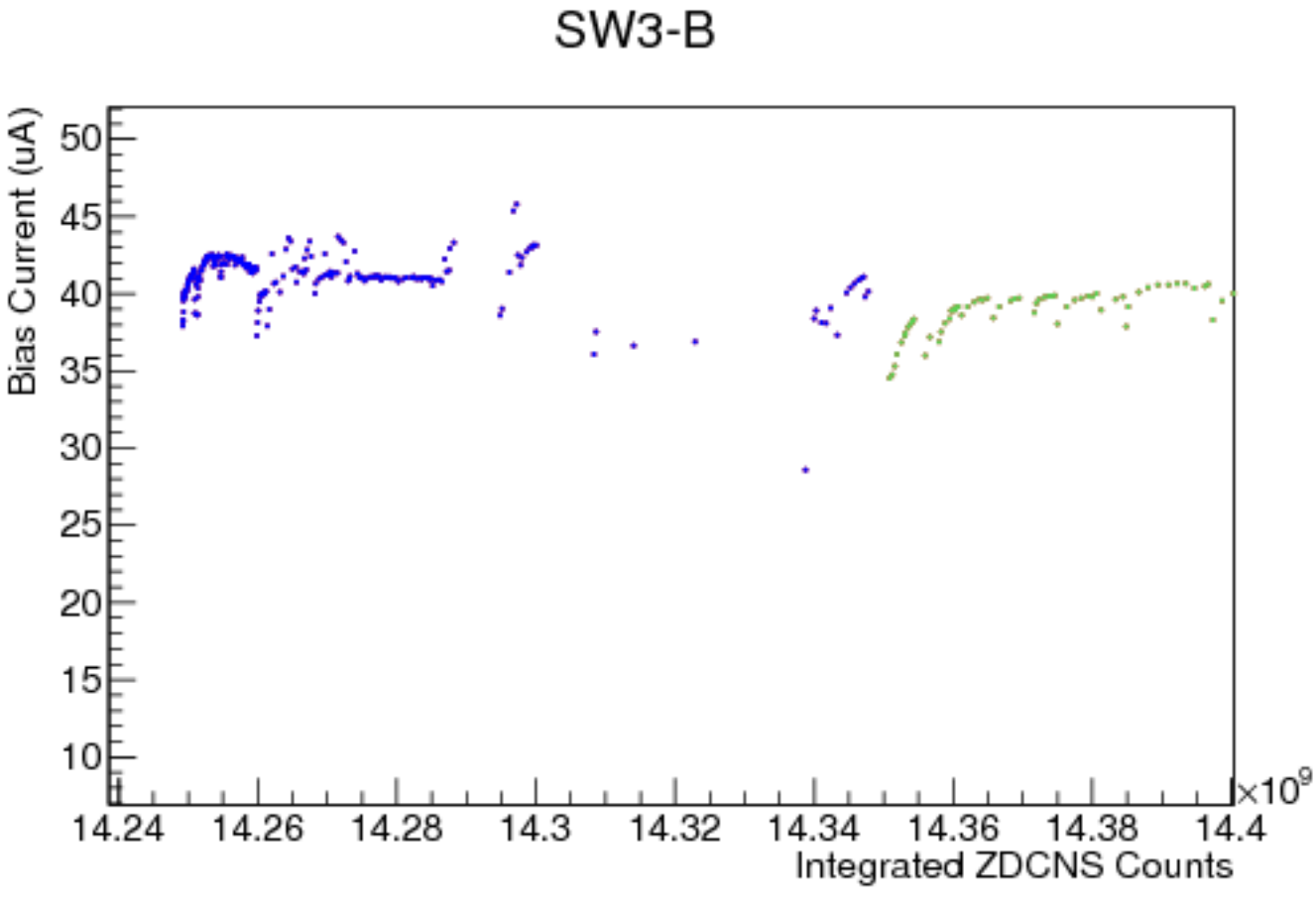
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SW3-B
Bias Current (uA)
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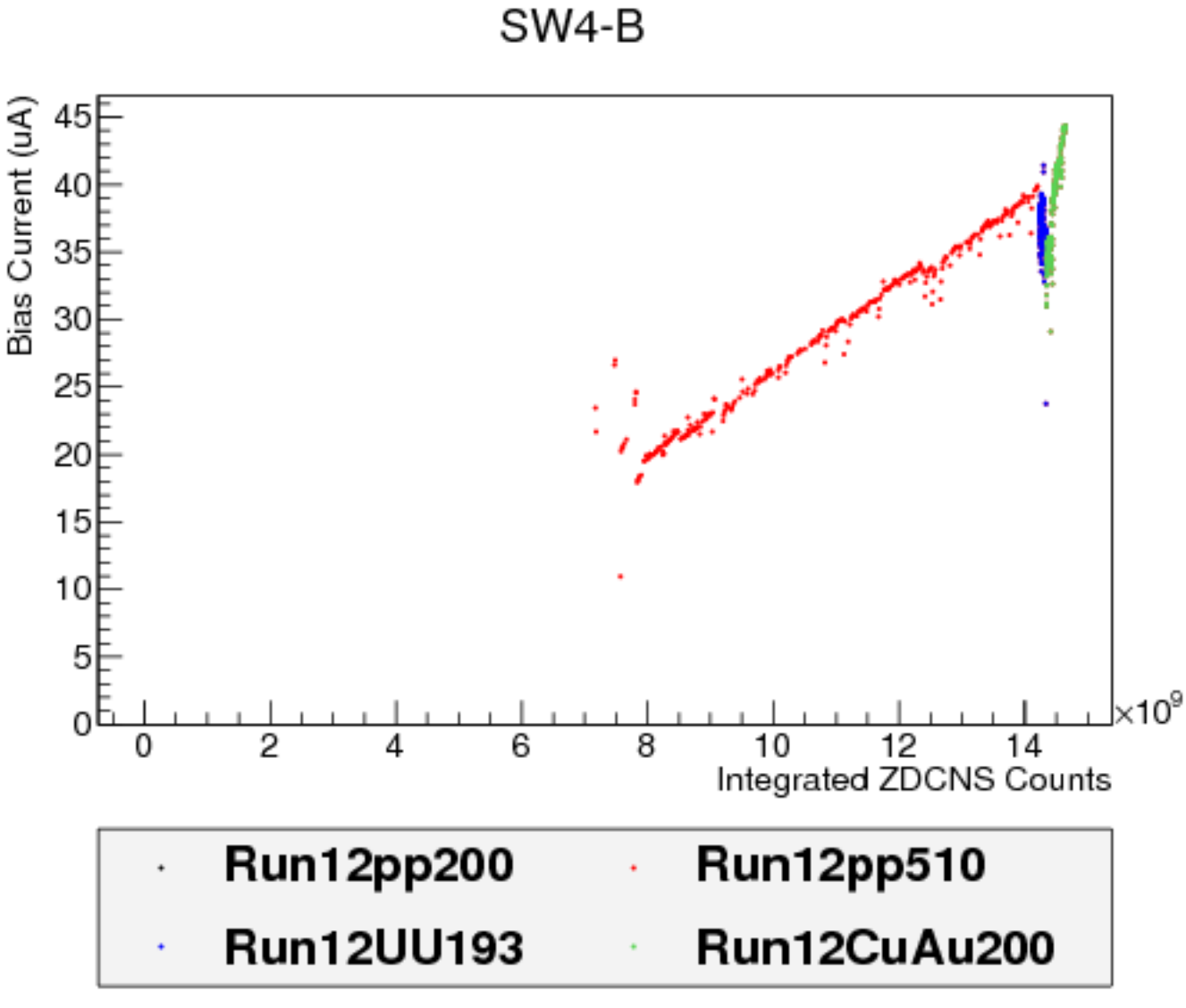
14.38
14.4
×10^9
Integrated ZDCNS Counts


SW4-B
Bias Current (uA)
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30
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10
5
0
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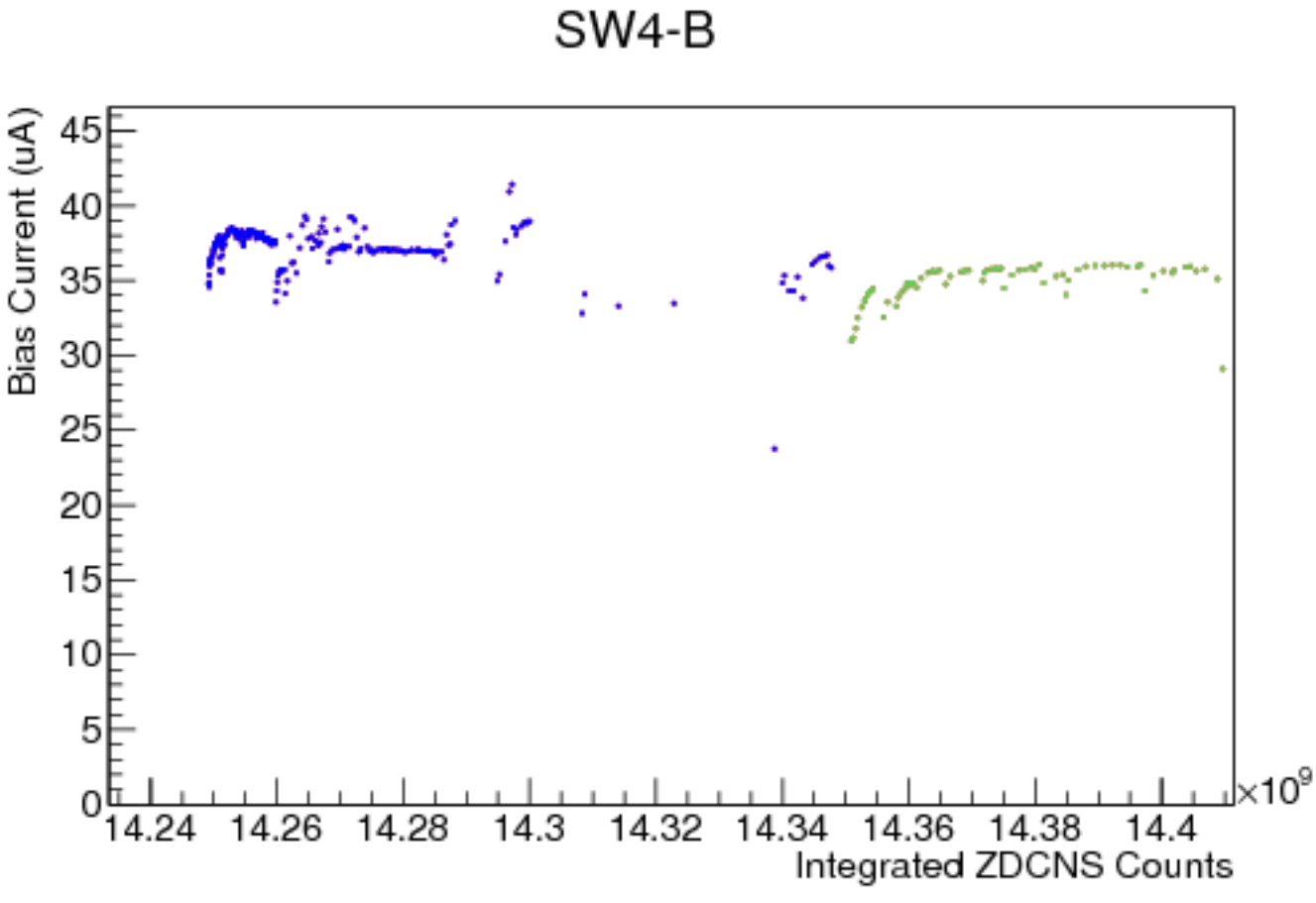
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SW4-B
Bias Current (uA)
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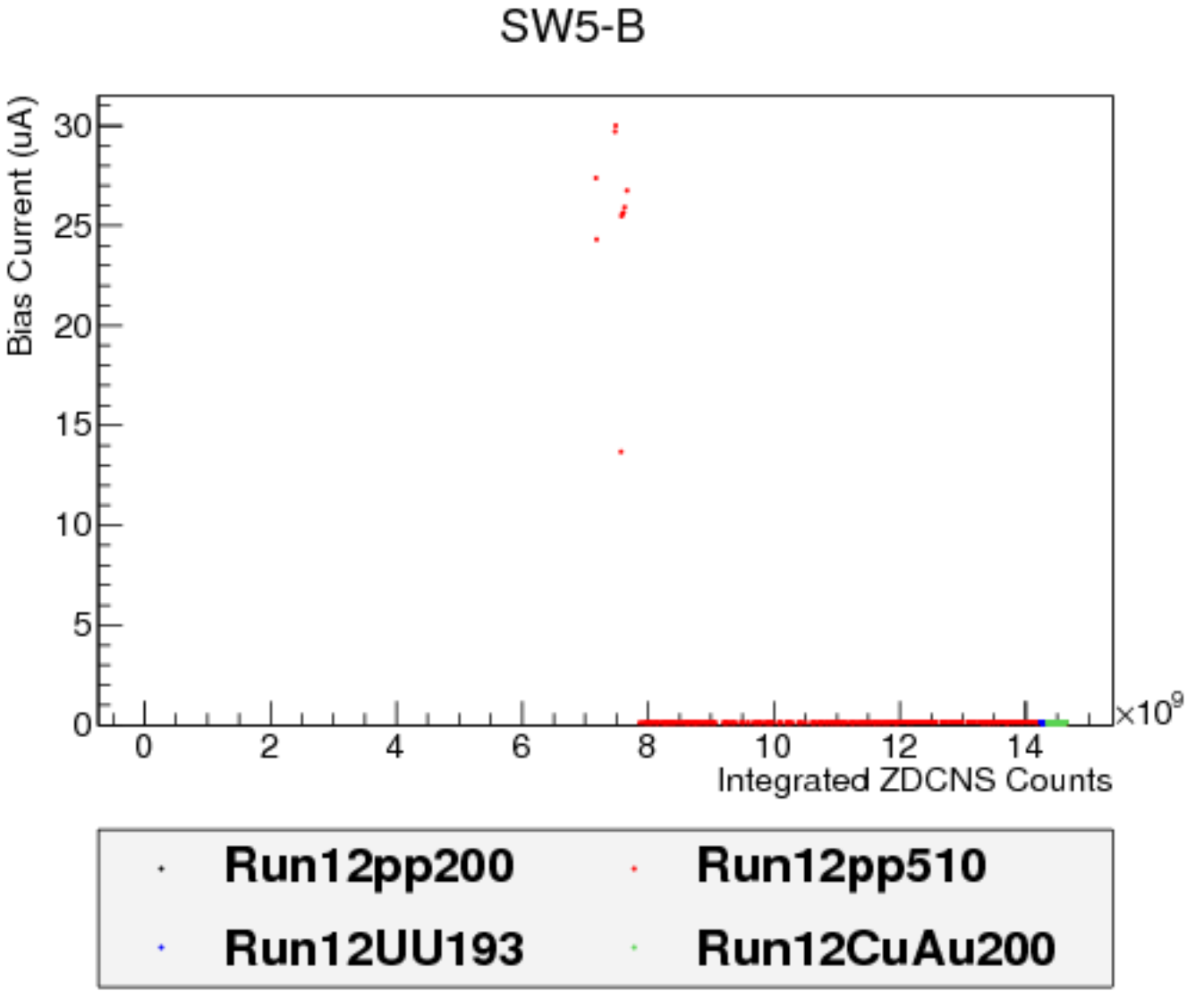
×10^9
Integrated ZDCNS Counts


SW5-B
Bias Current (uA)
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0
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12
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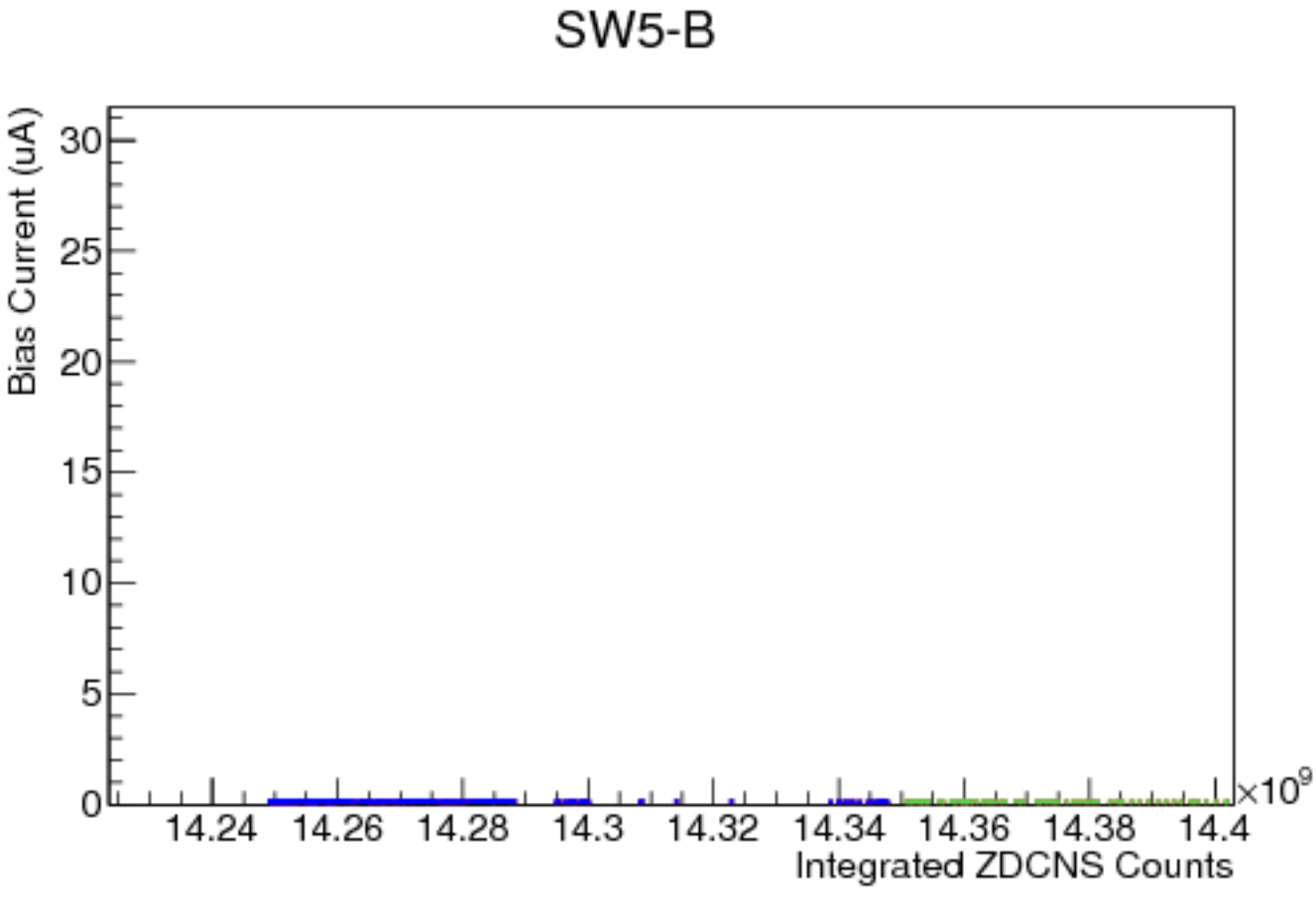
×10^9
Integrated ZDCNS Counts
Run12pp200
Run12pp510
Run12UU193
Run12CuAu200


SW5-B
Bias Current (uA)
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14.36
14.38
14.4
×10^9
Integrated ZDCNS Counts