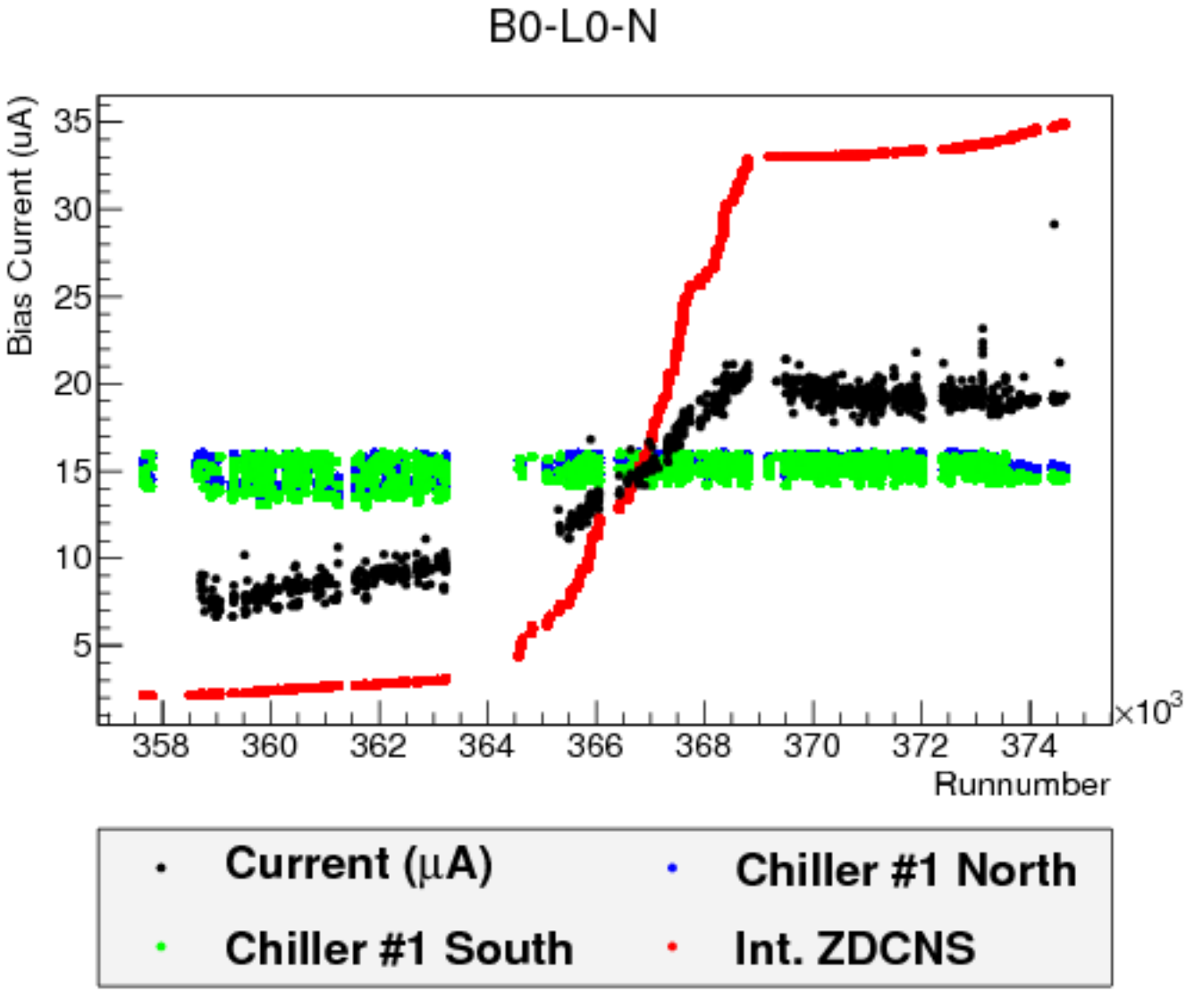
B0-L0-N
Bias Current (uA)
35
30
25
20
15
10
5
358
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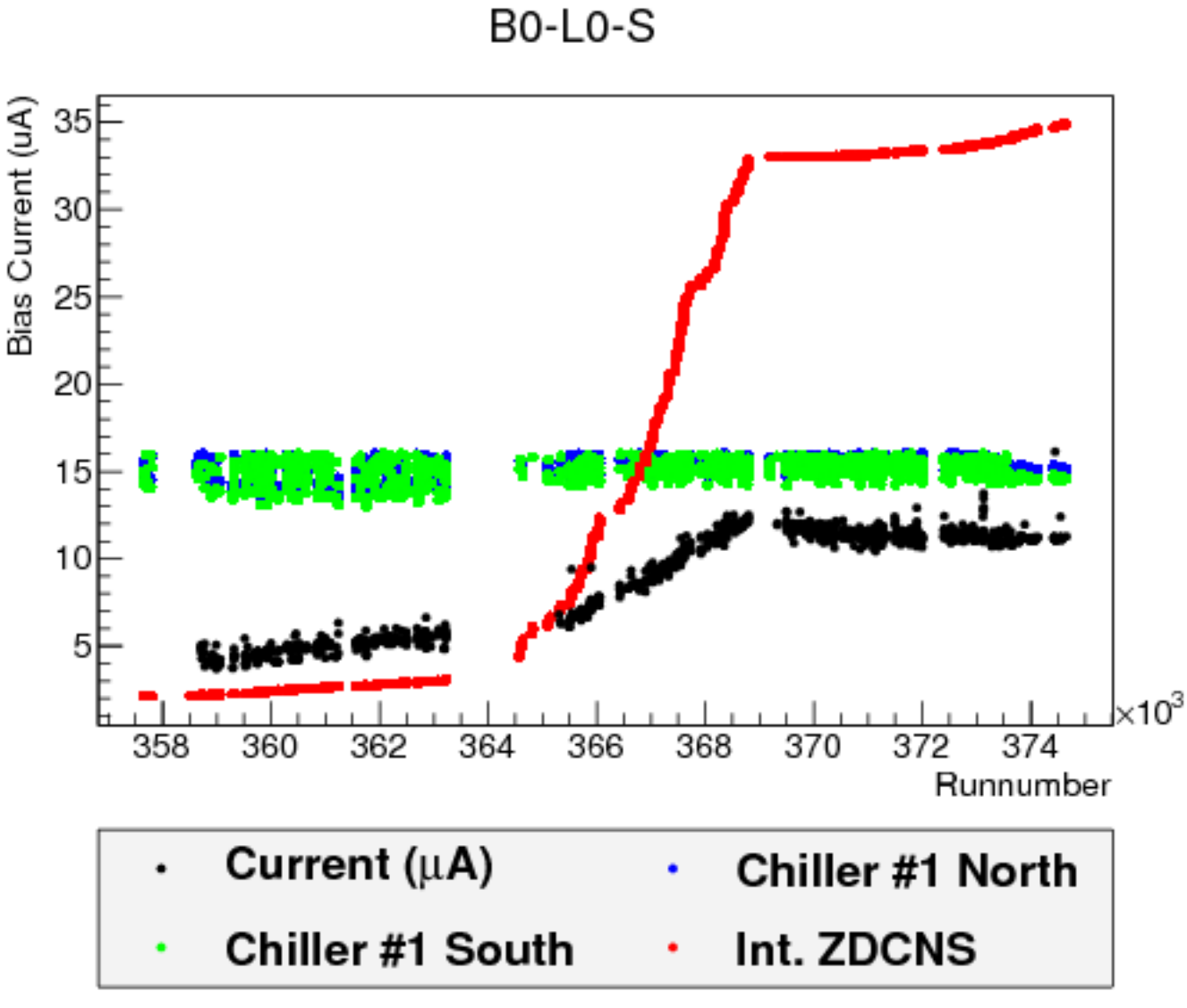
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L0-S
Bias Current (uA)
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30
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20
15
10
5
358
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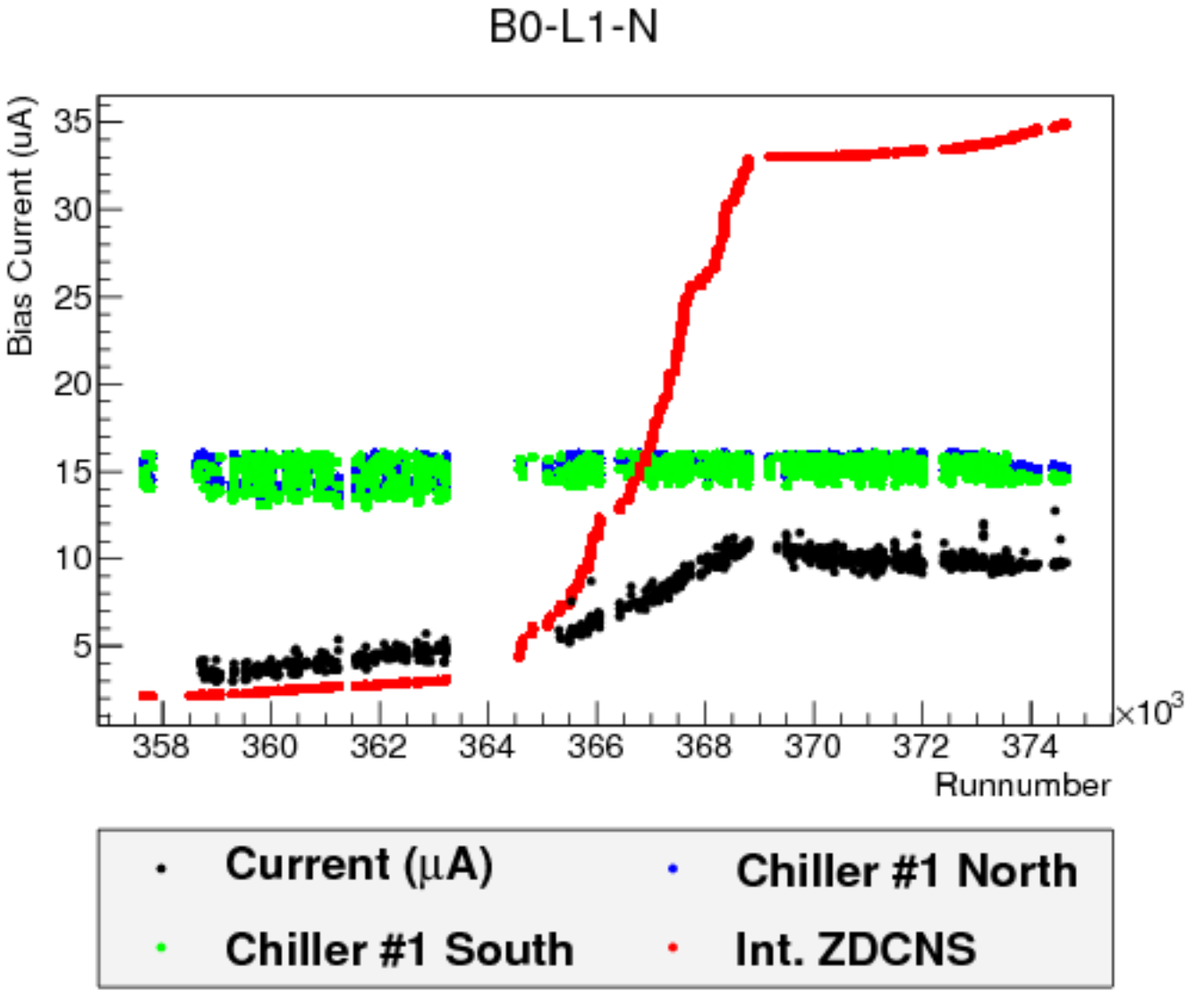
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L1-N
Bias Current (uA)
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30
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20
15
10
5
358
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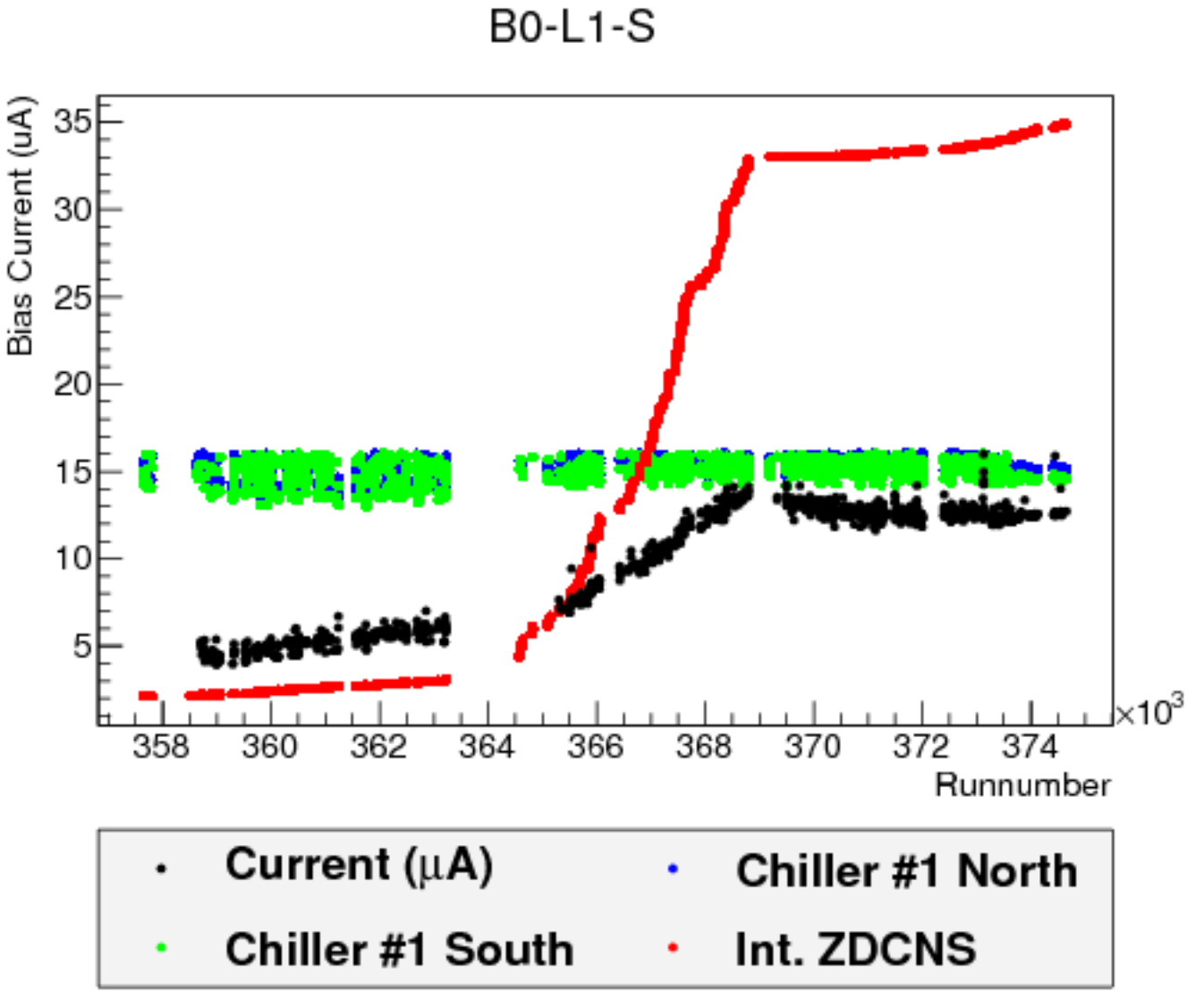
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L1-S
Bias Current (uA)
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15
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5
358
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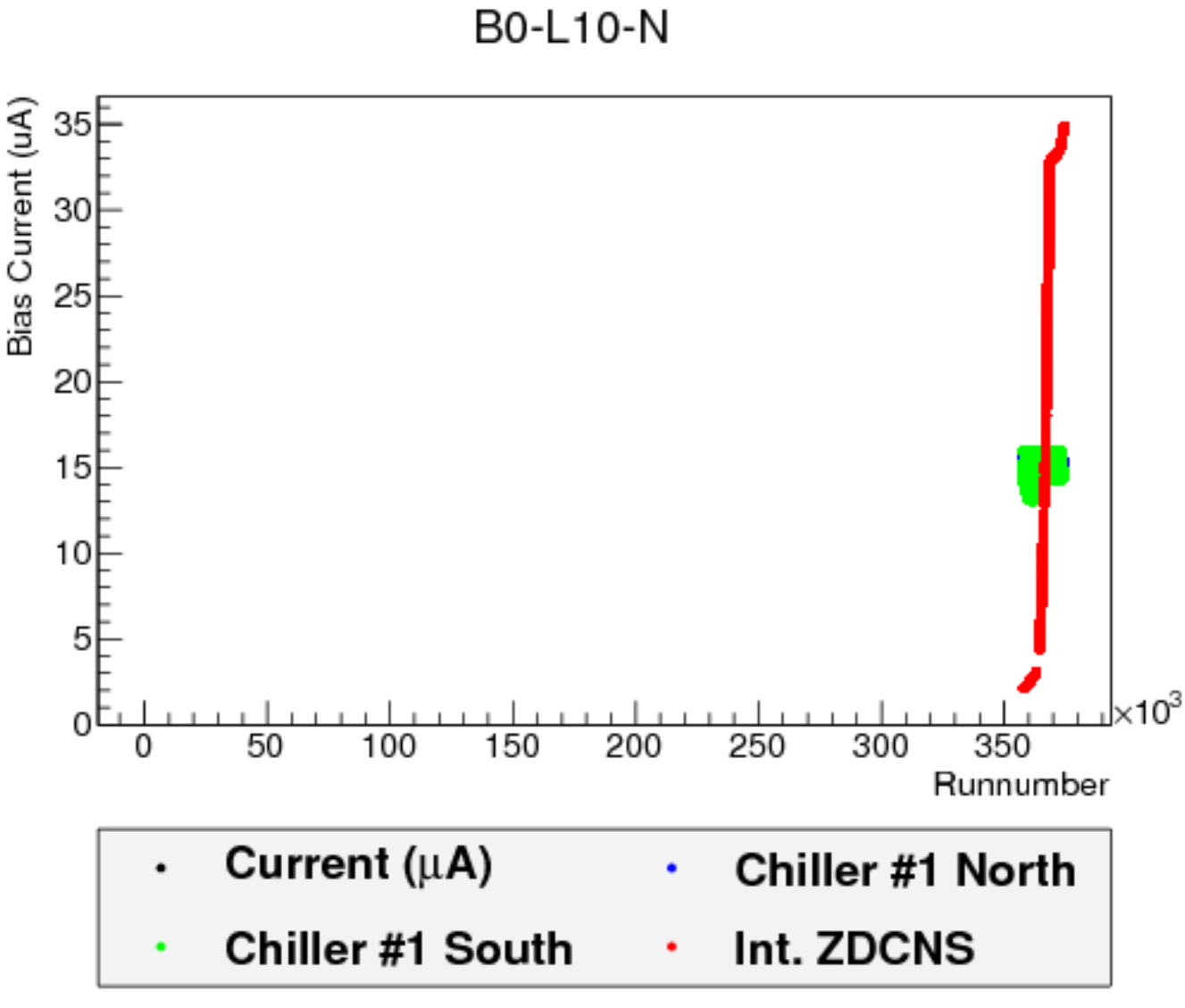
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L10-N
Bias Current (uA)
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30
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15
10
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0
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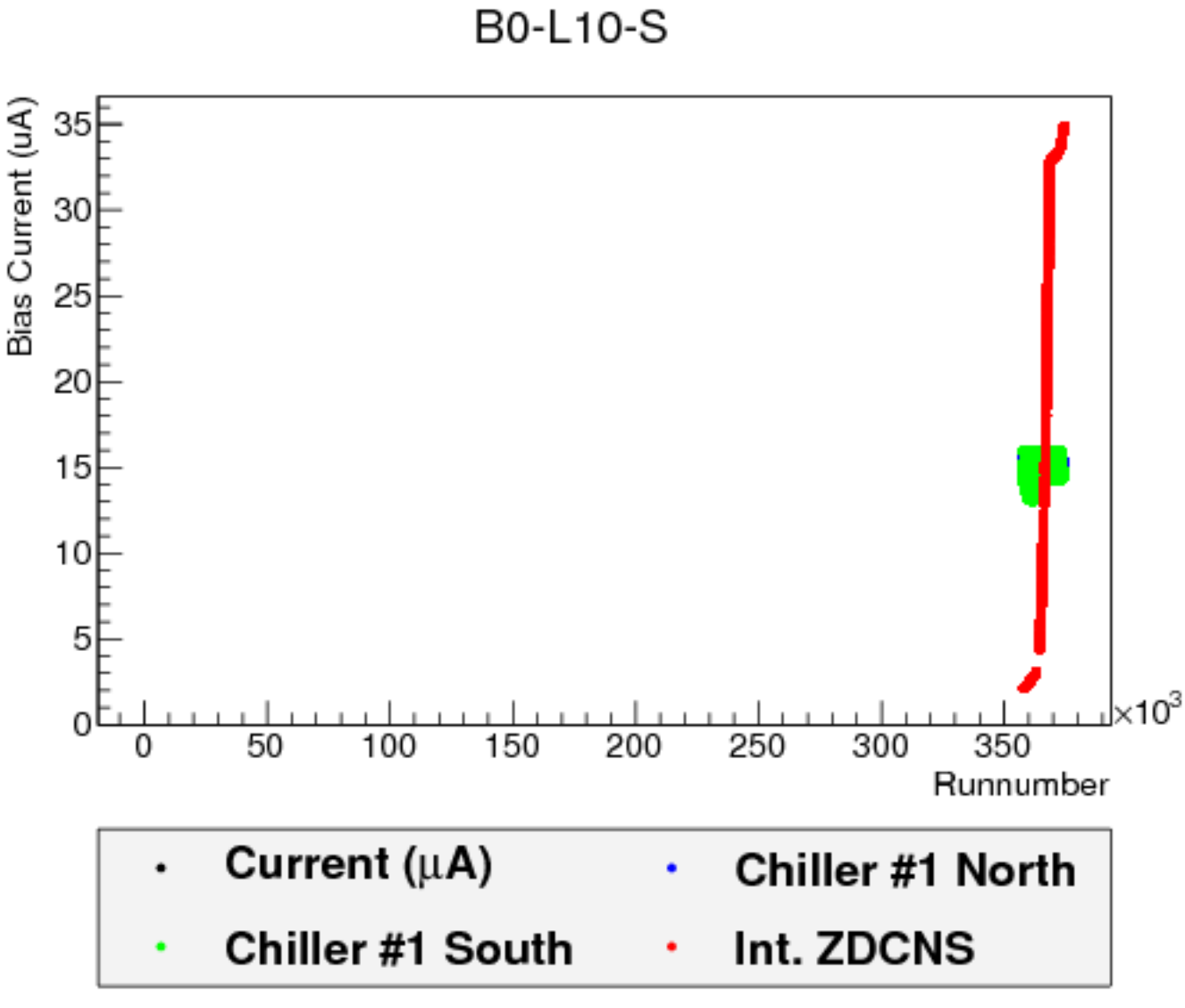
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L10-S
Bias Current (uA)
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0
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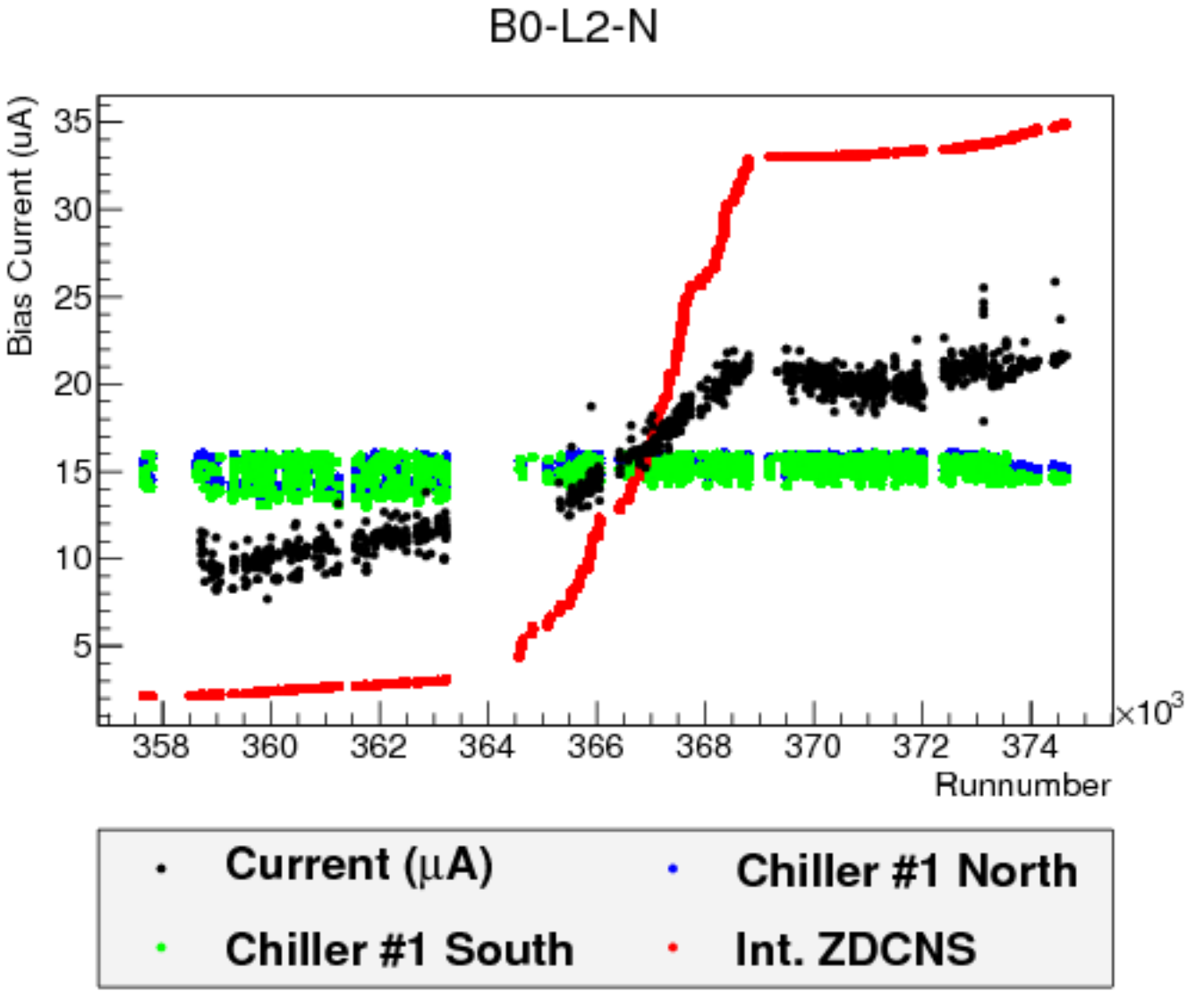
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L2-N
Bias Current (uA)
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30
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20
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10
5
358
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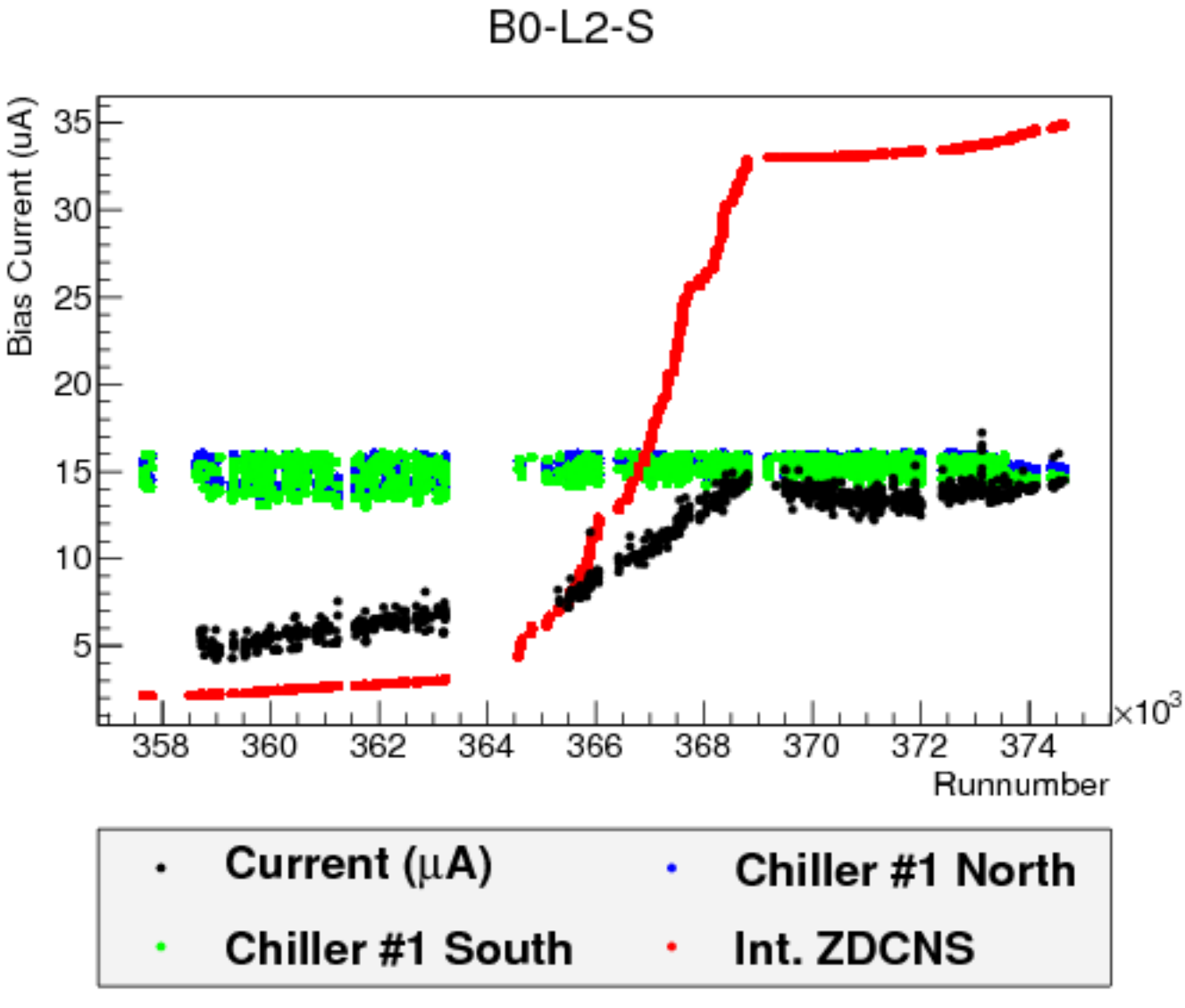
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L2-S
Bias Current (uA)
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30
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15
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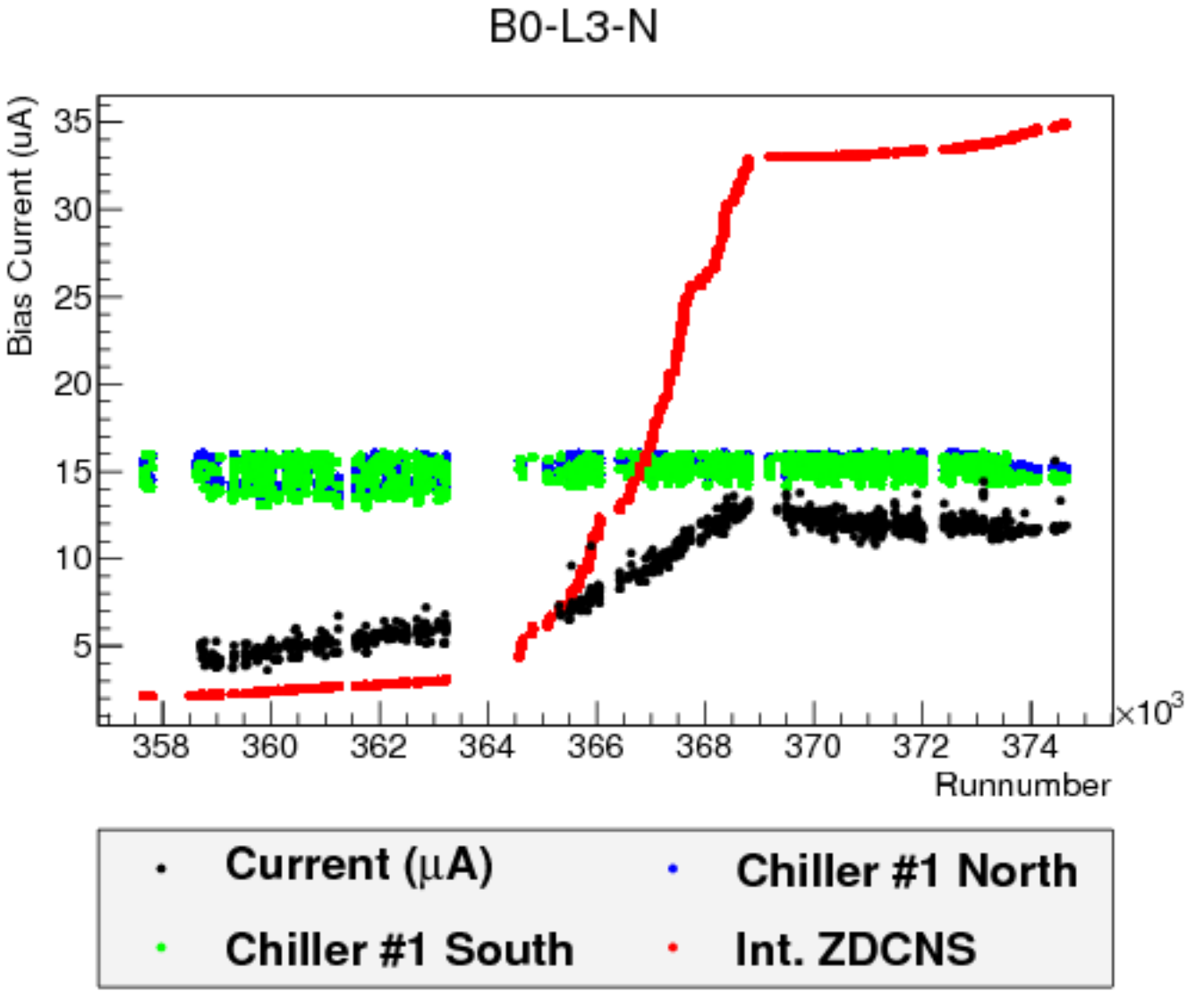
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L3-N
Bias Current (uA)
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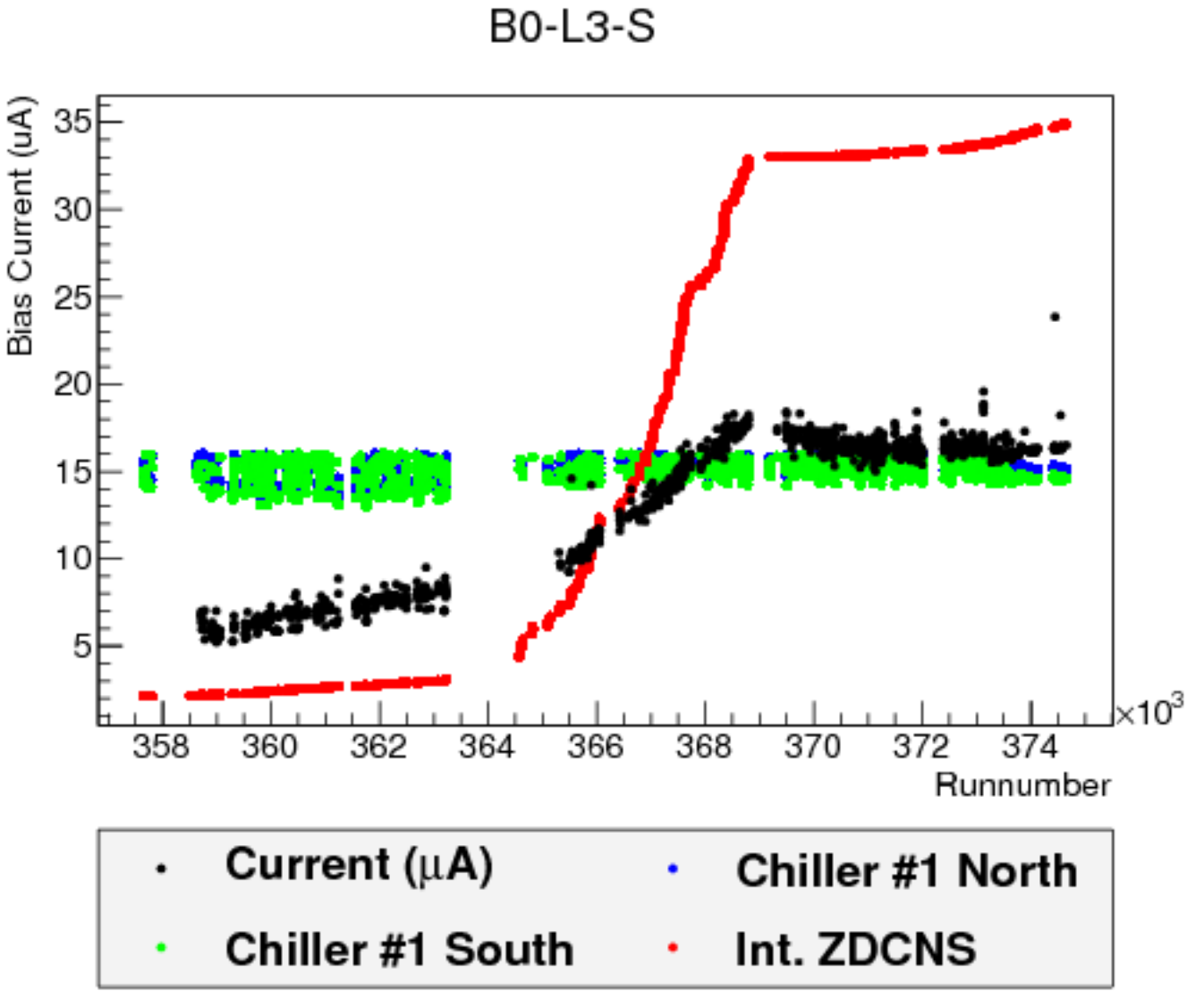
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L3-S
Bias Current (uA)
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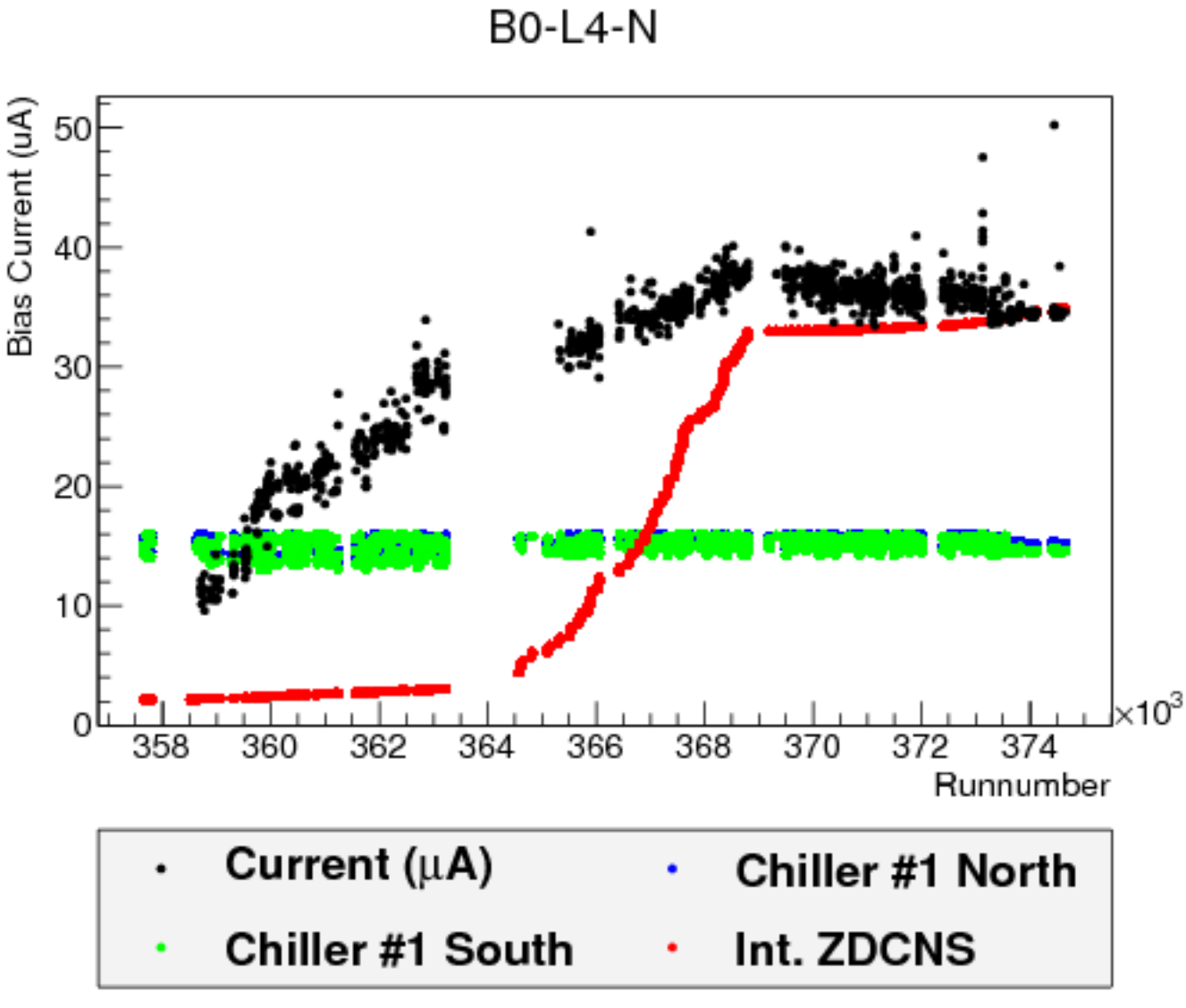
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L4-N
Bias Current (uA)
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10
20
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50
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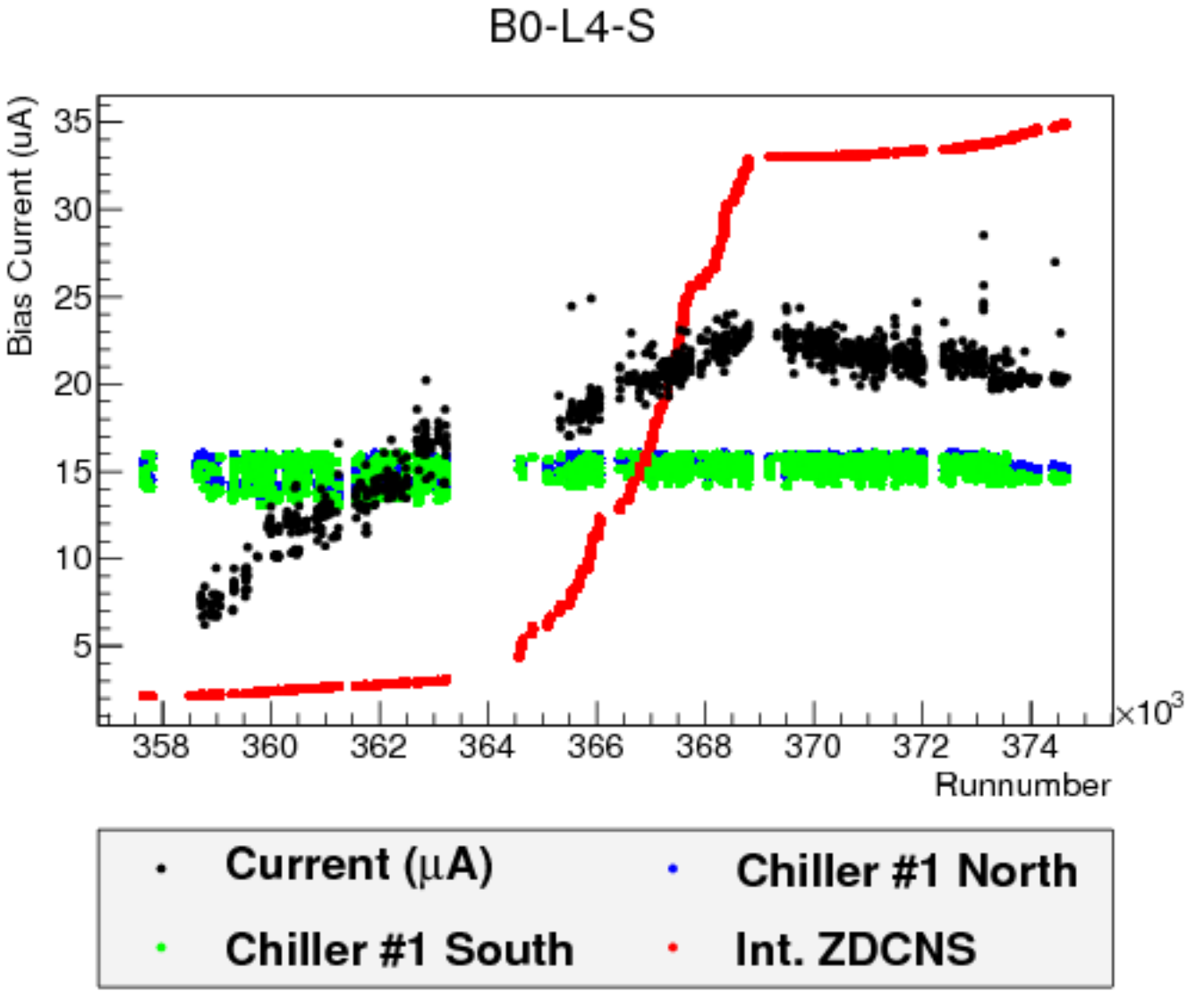
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L4-S
Bias Current (uA)
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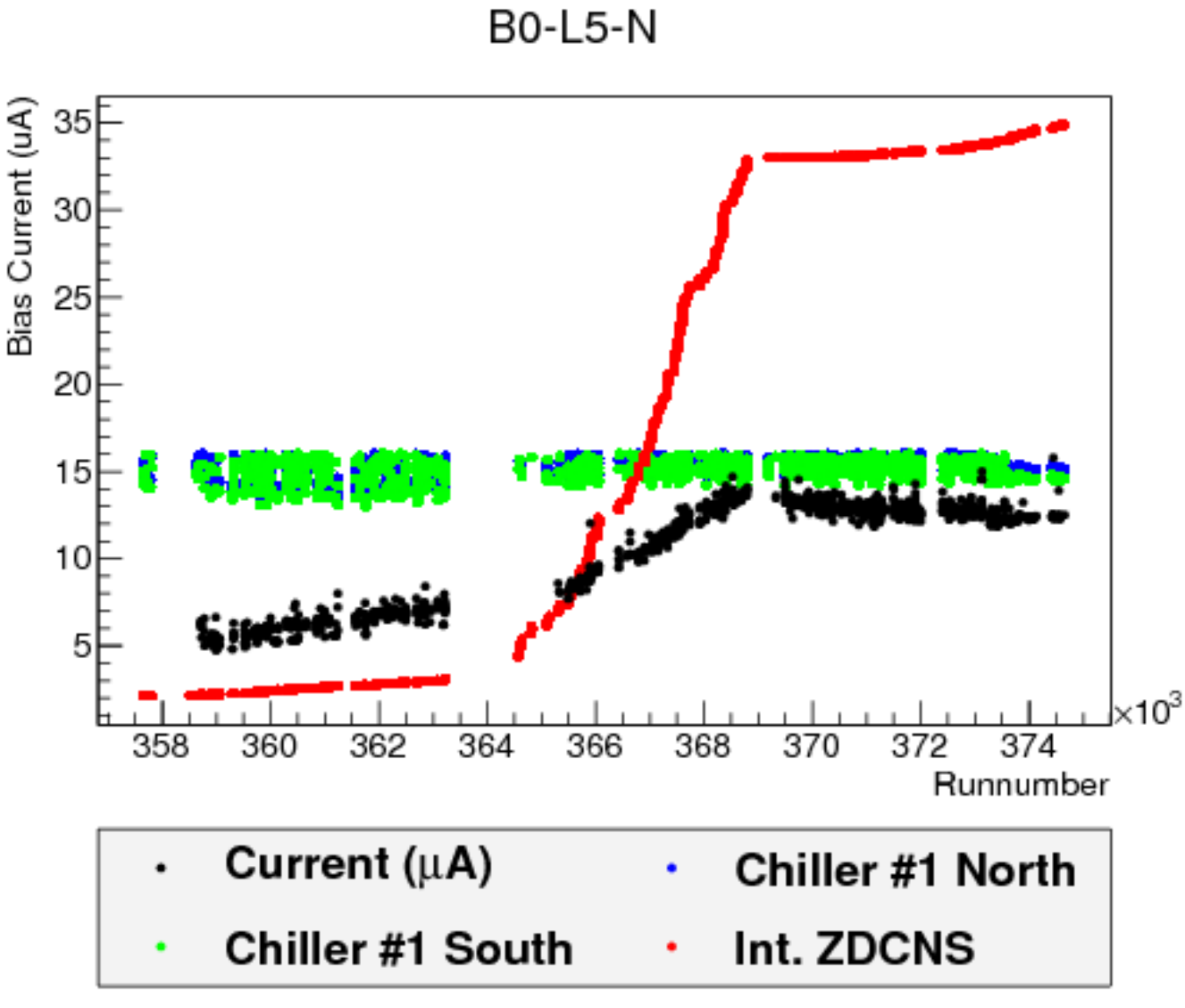
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L5-N
Bias Current (uA)
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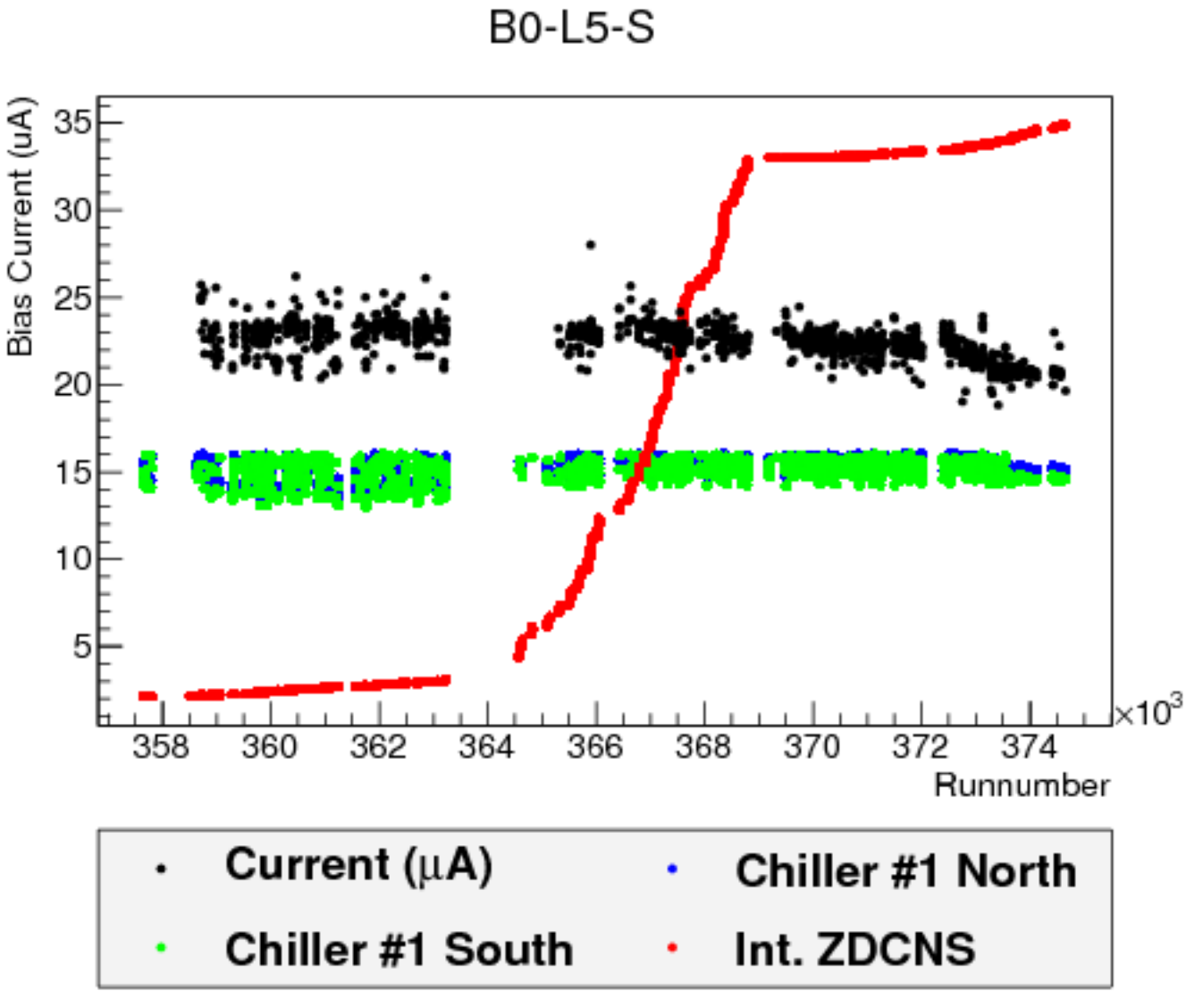
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L5-S
Bias Current (uA)
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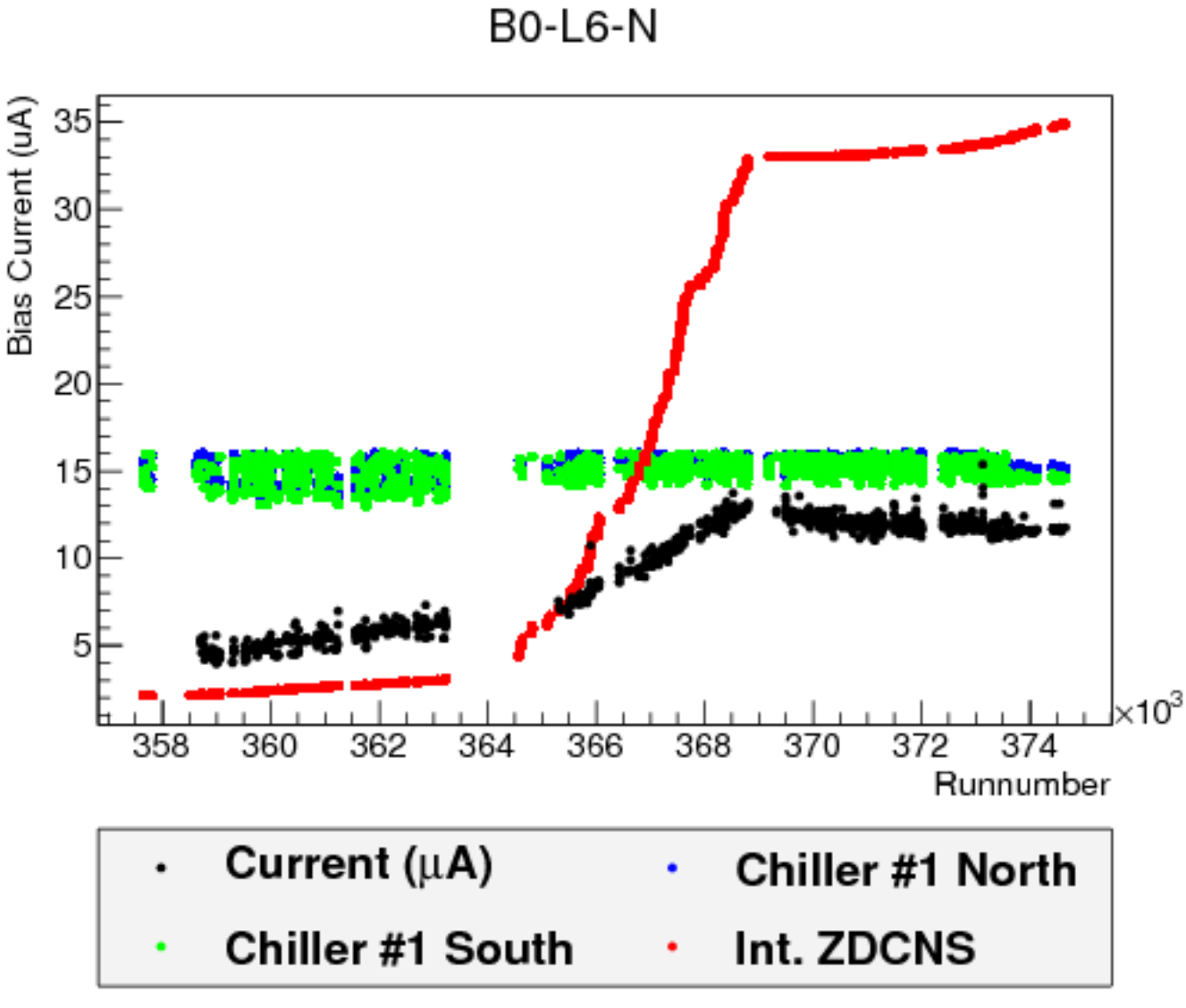
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L6-N
Bias Current (uA)
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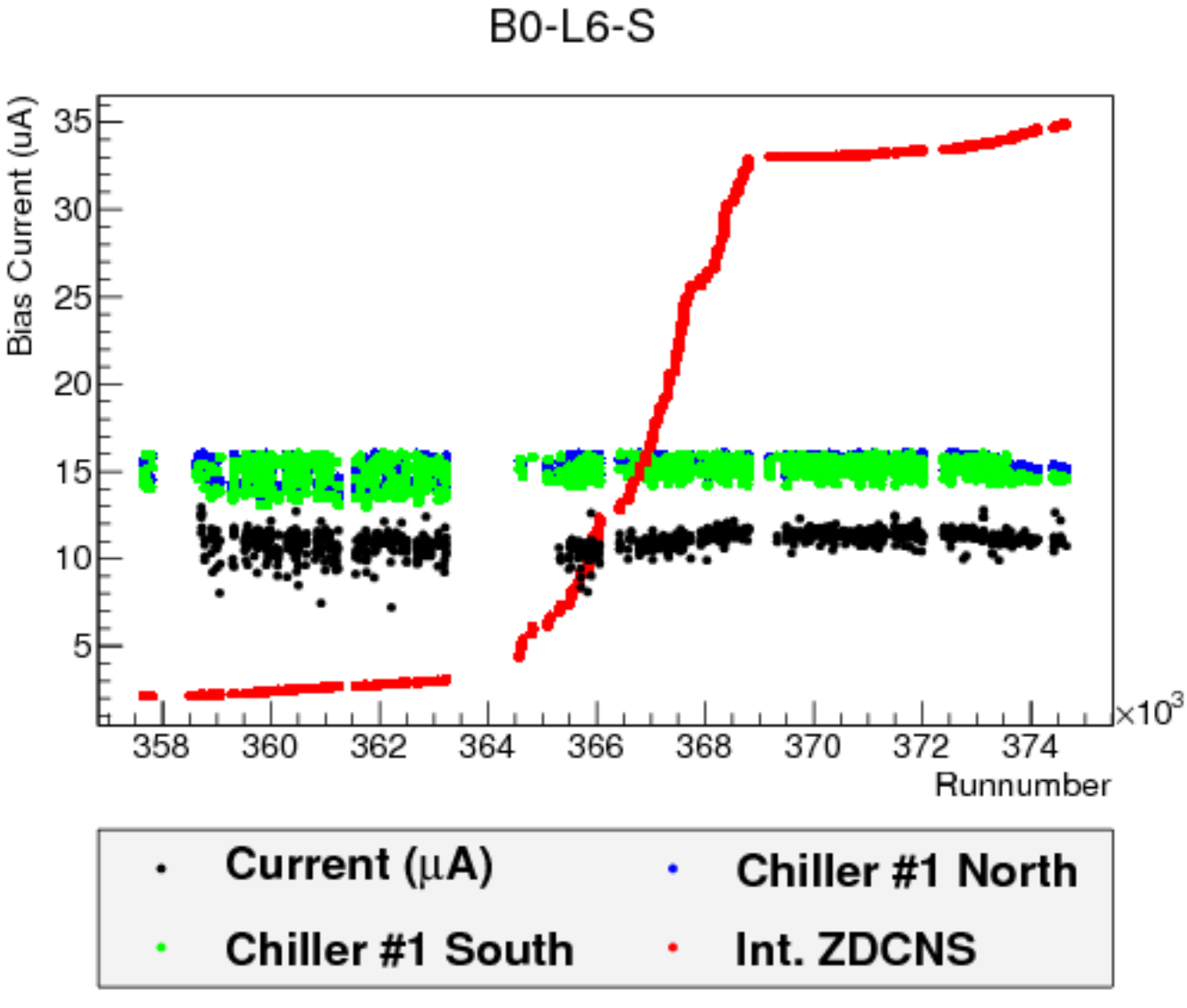
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L6-S
Bias Current (uA)
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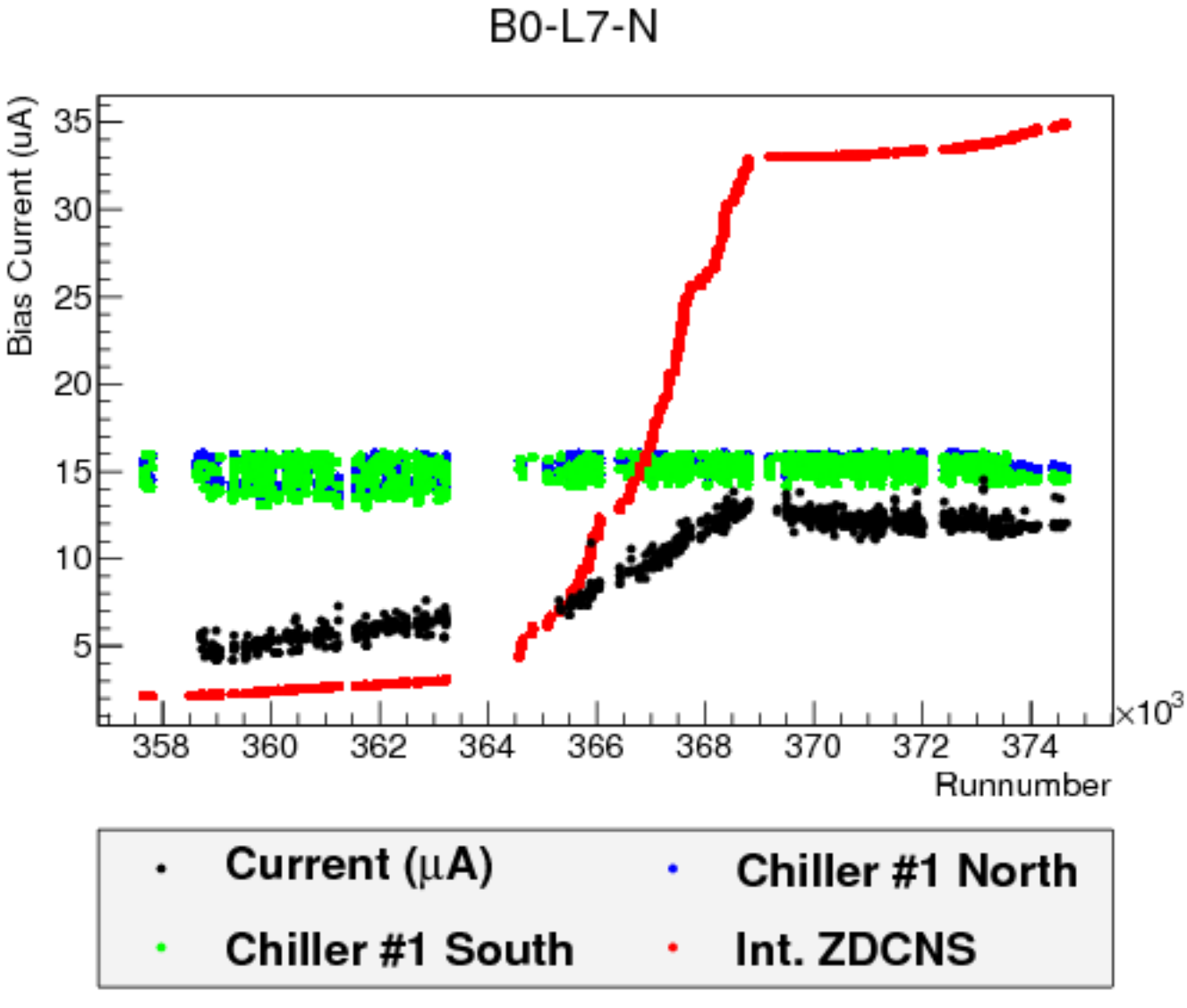
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L7-N
Bias Current (uA)
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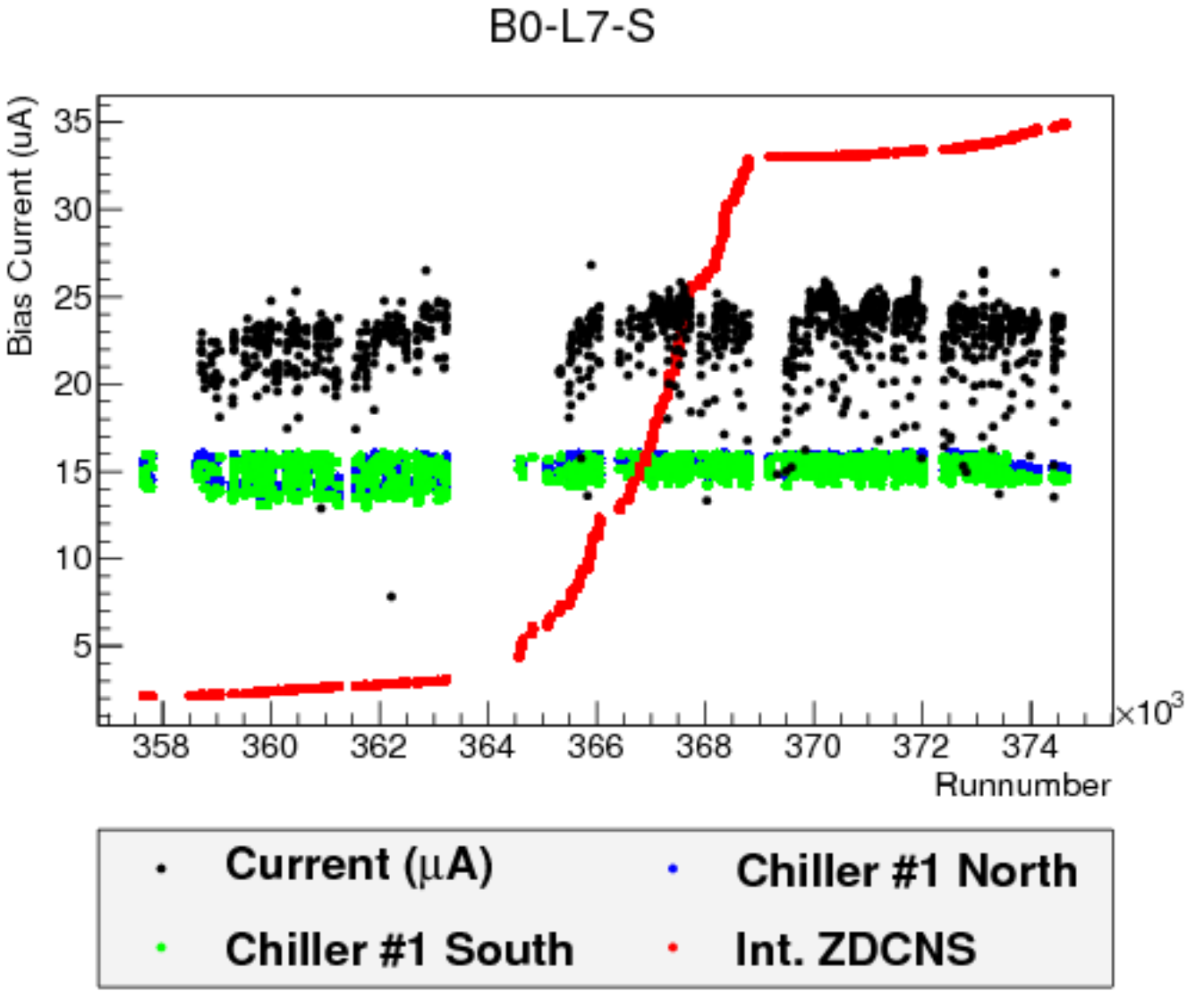
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L7-S
Bias Current (uA)
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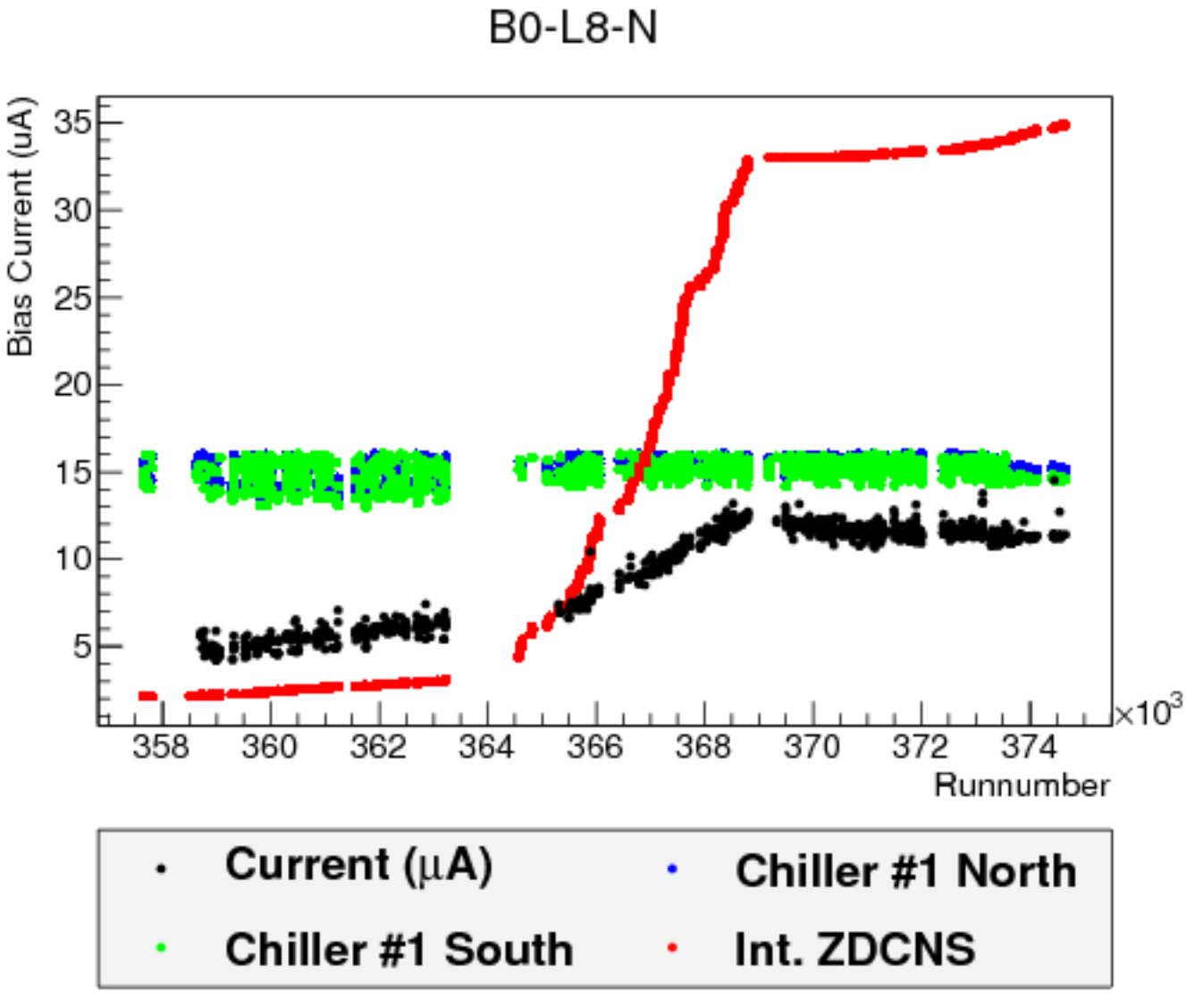
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L8-N
Bias Current (uA)
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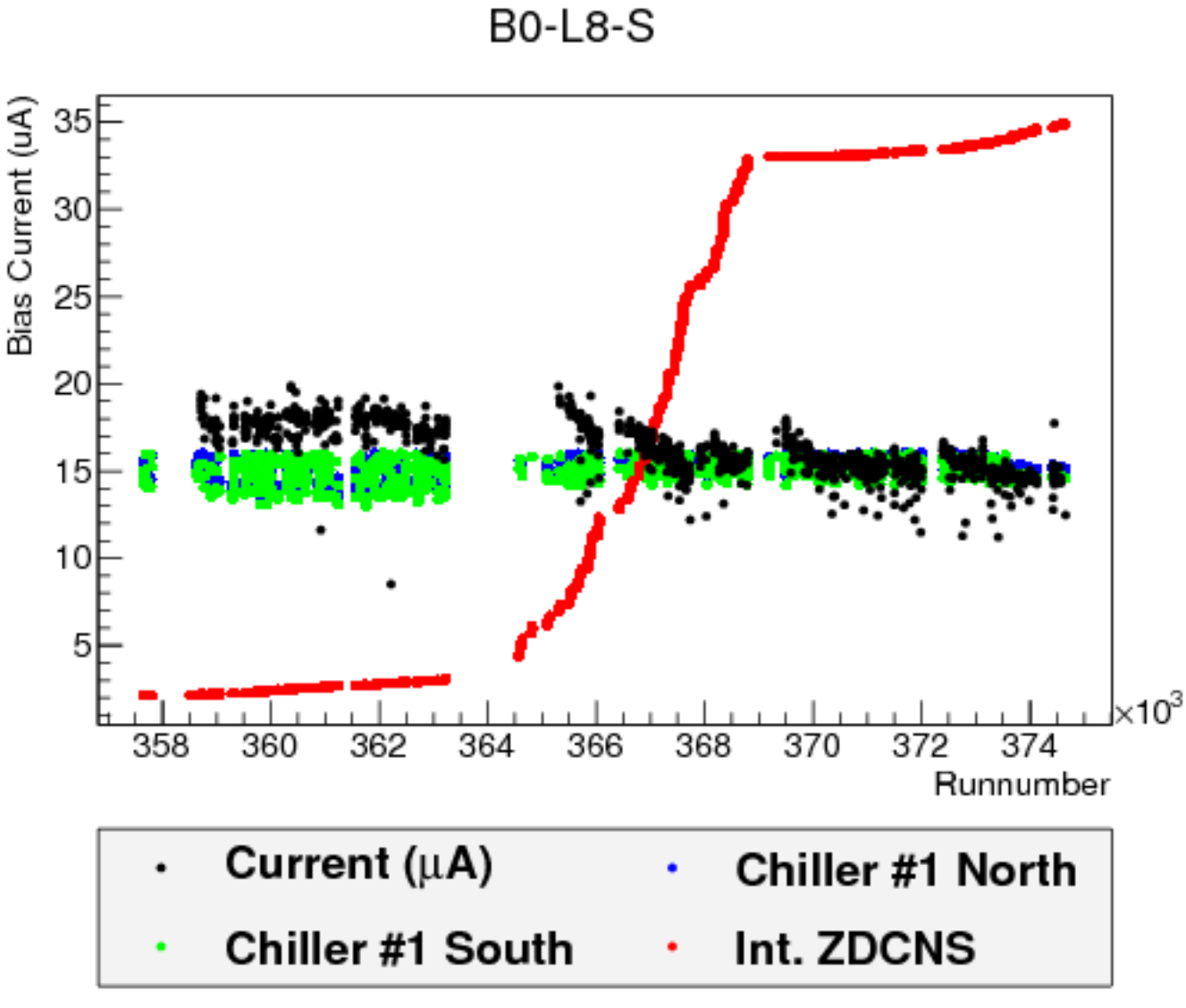
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L8-S
Bias Current (uA)
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15
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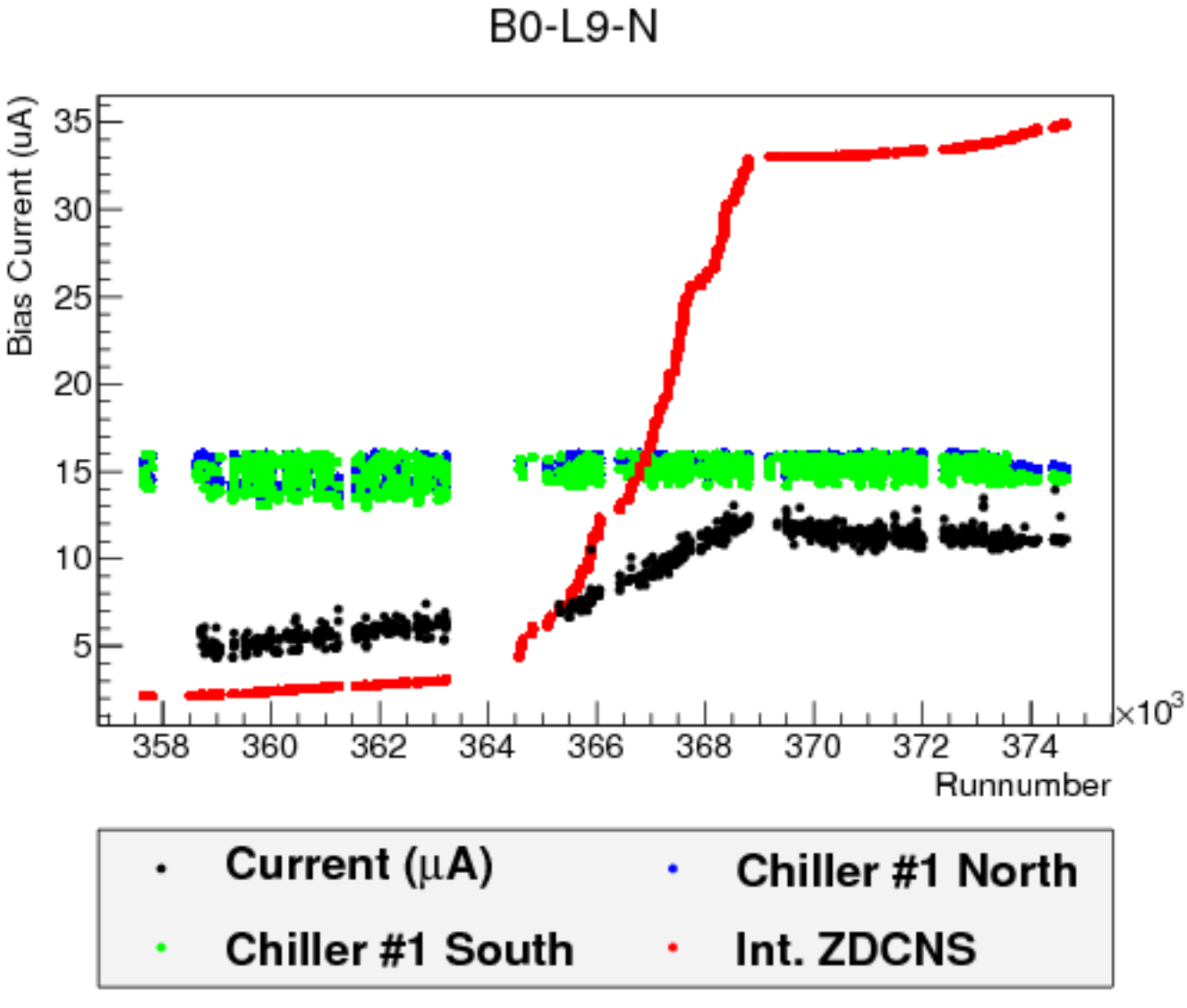
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L9-N
Bias Current (uA)
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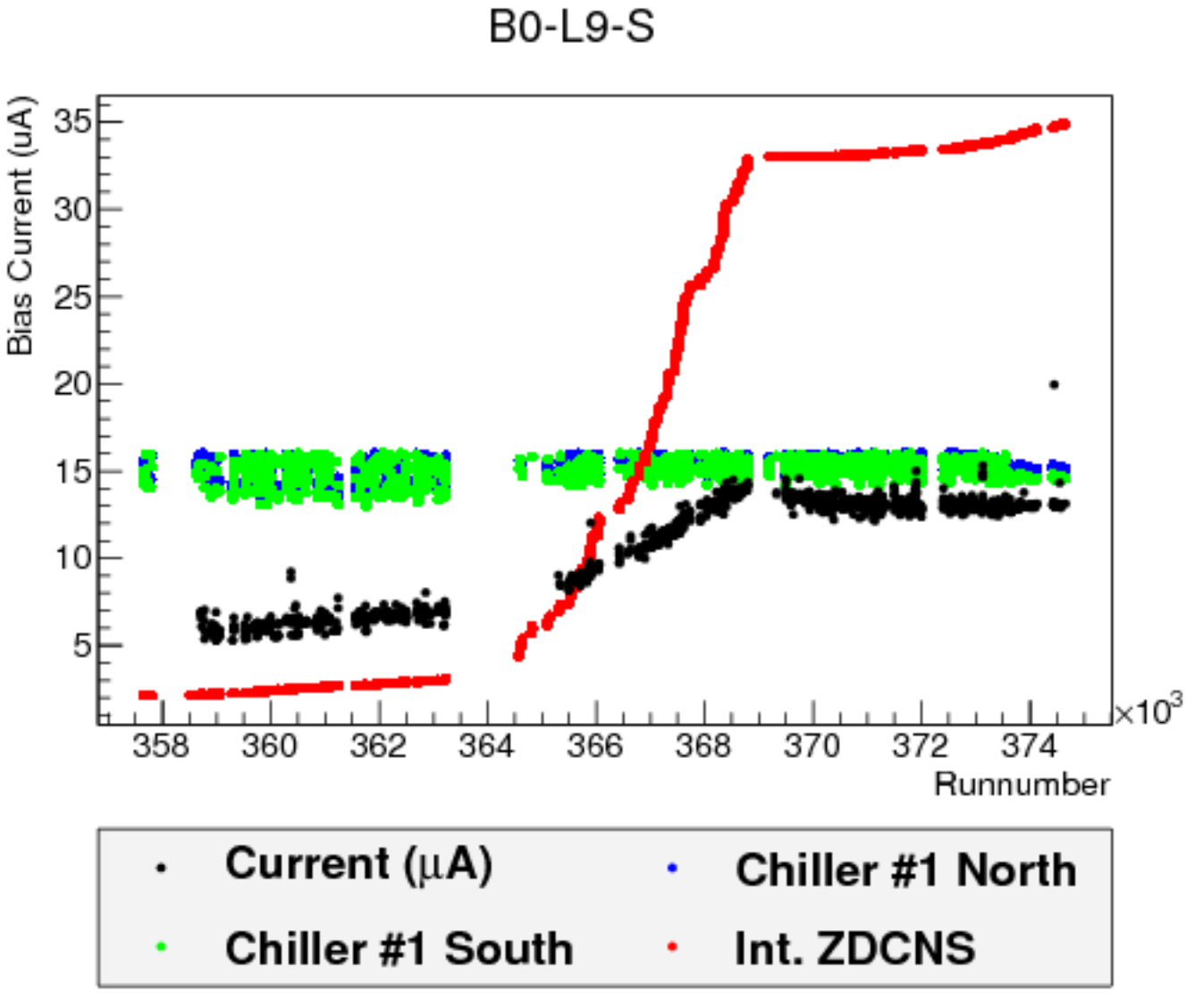
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B0-L9-S
Bias Current (uA)
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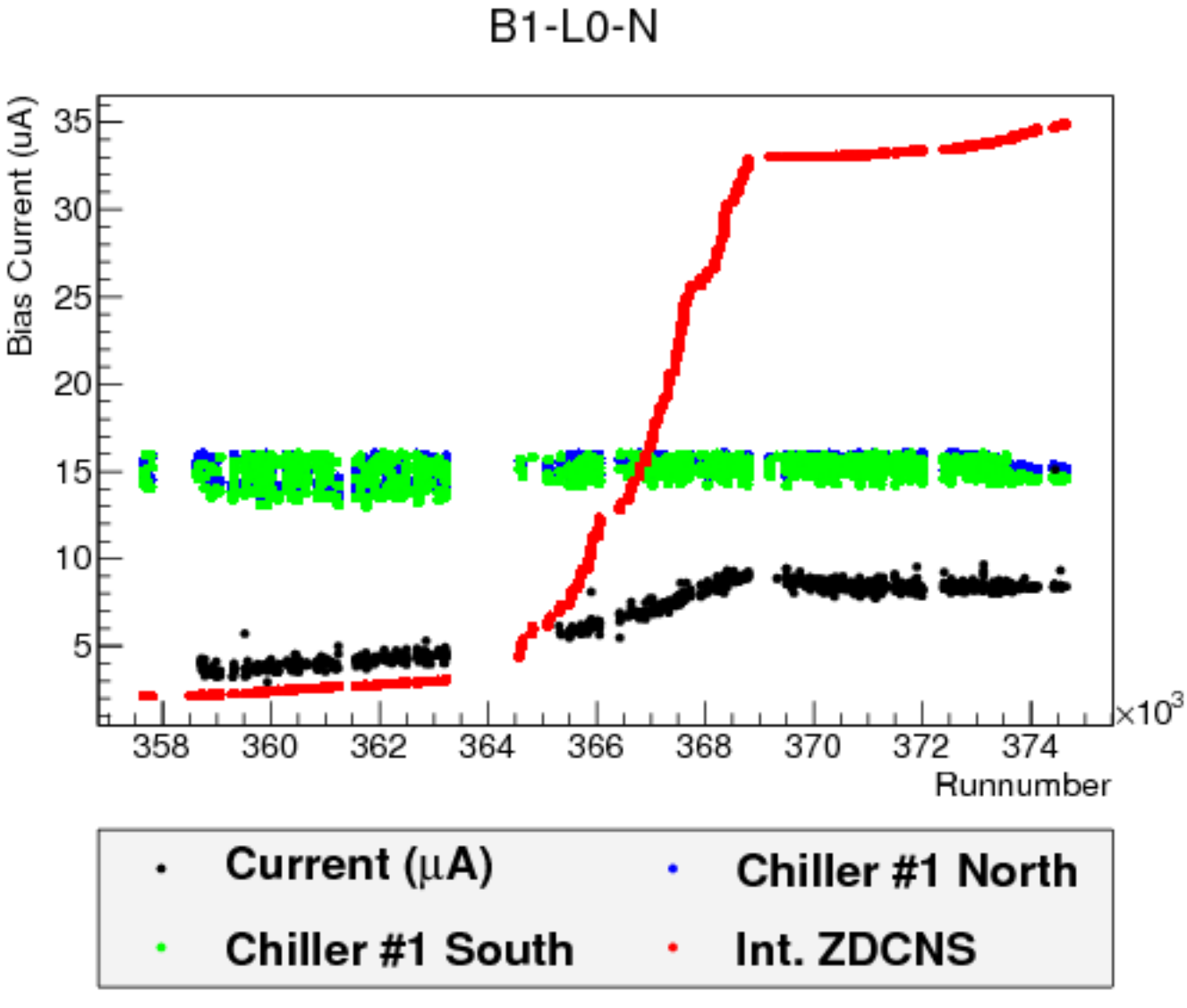
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L0-N
Bias Current (uA)
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20
15
10
5
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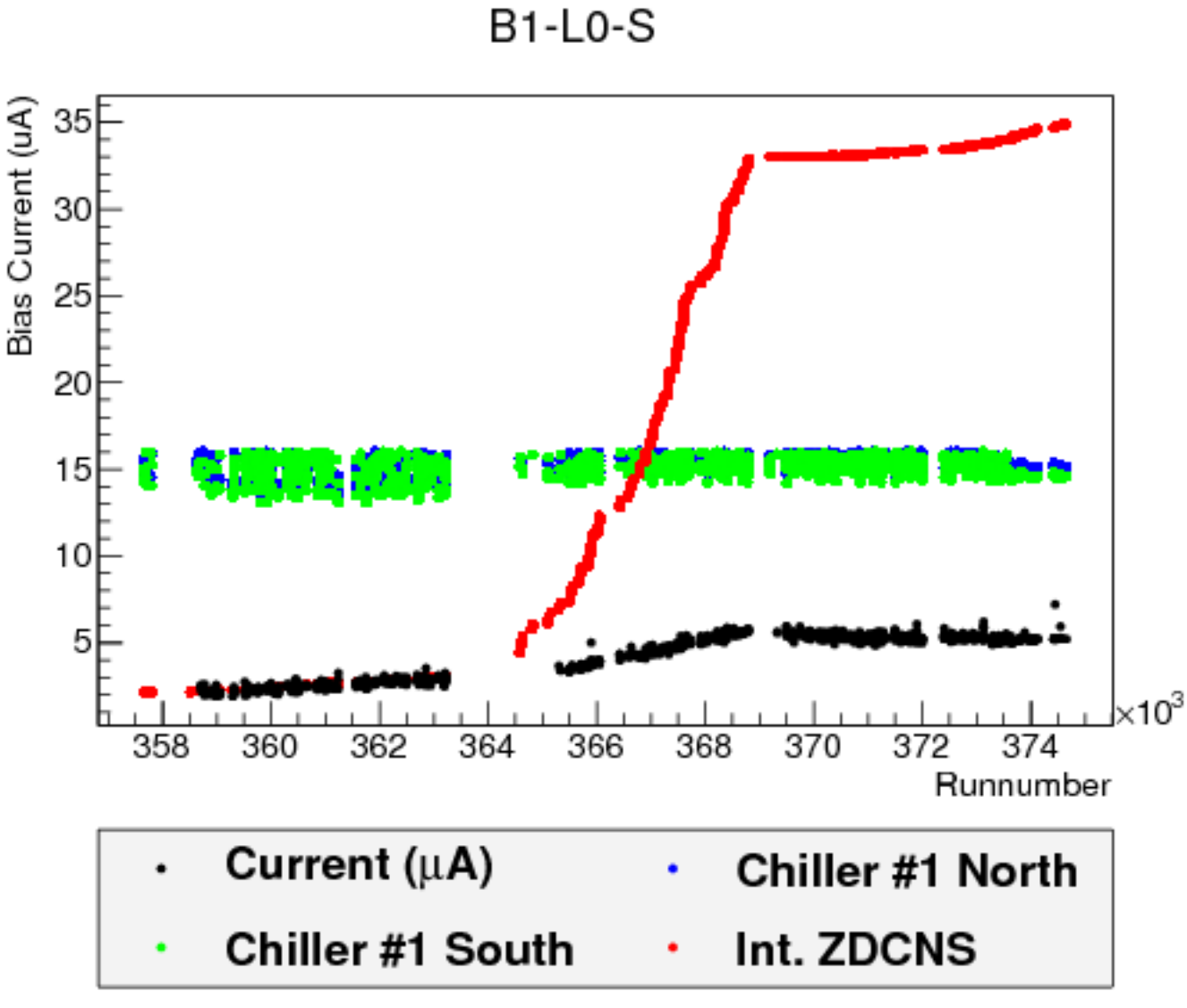
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L0-S
Bias Current (uA)
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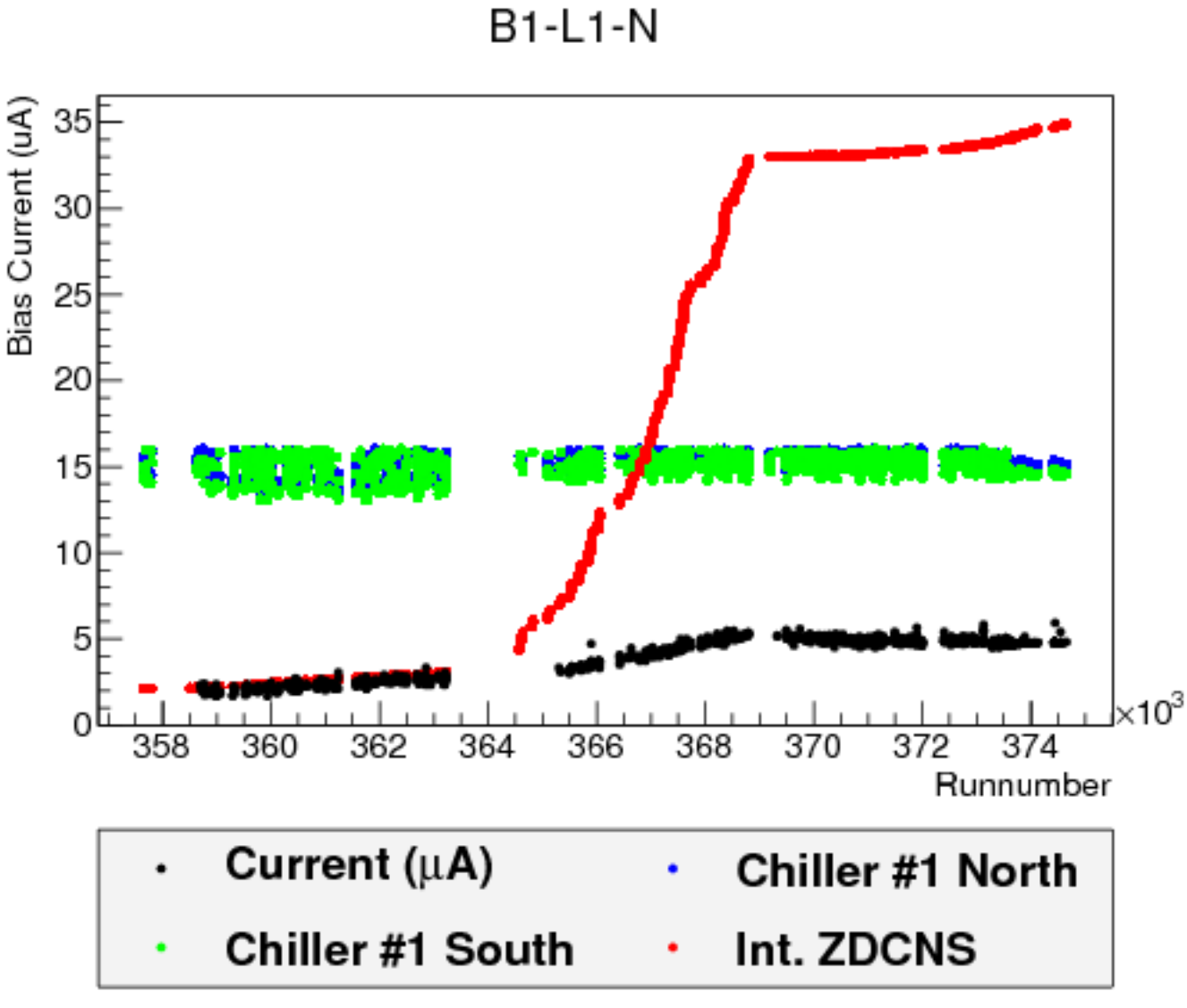
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L1-N
Bias Current (uA)
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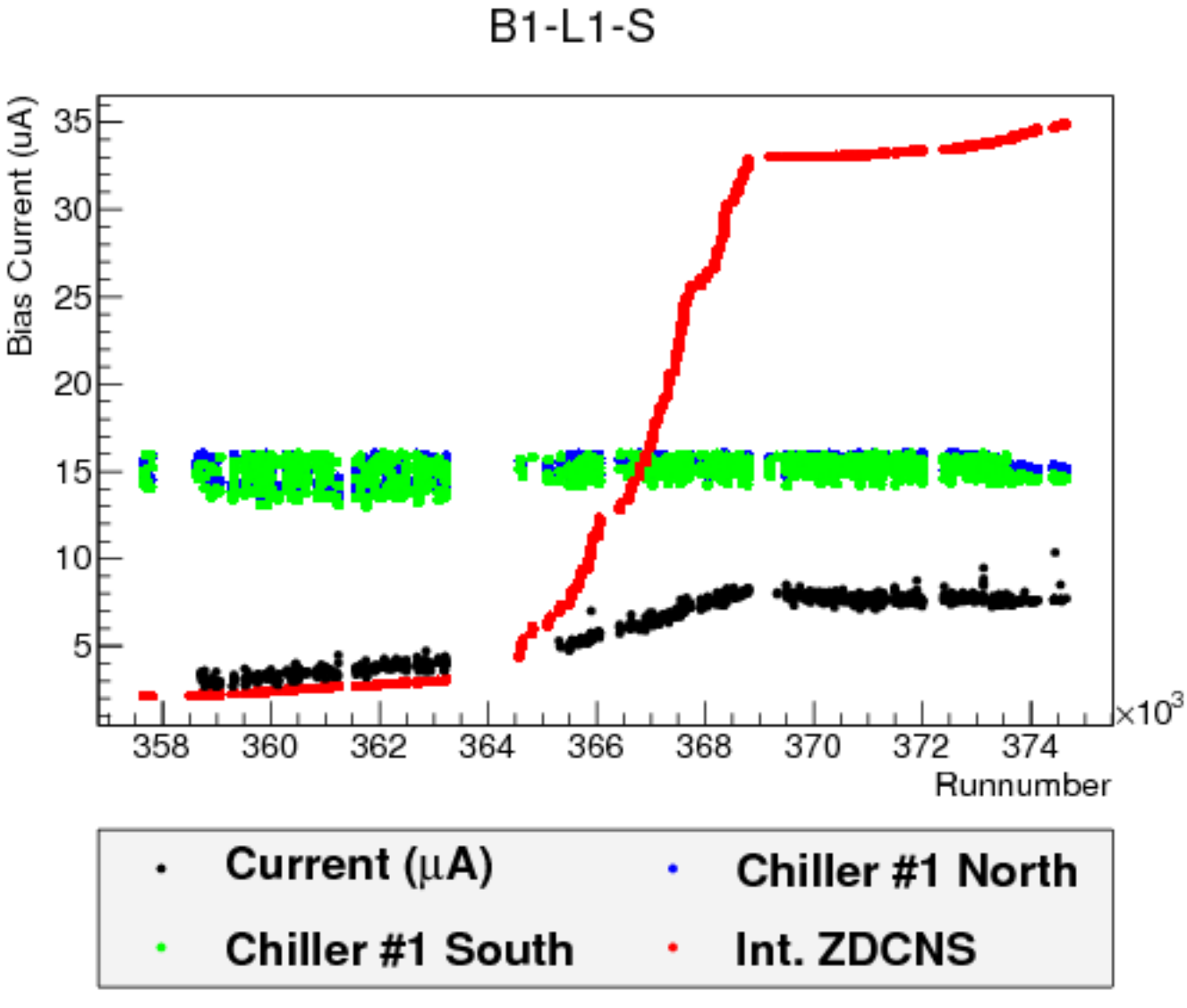
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L1-S
Bias Current (uA)
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20
15
10
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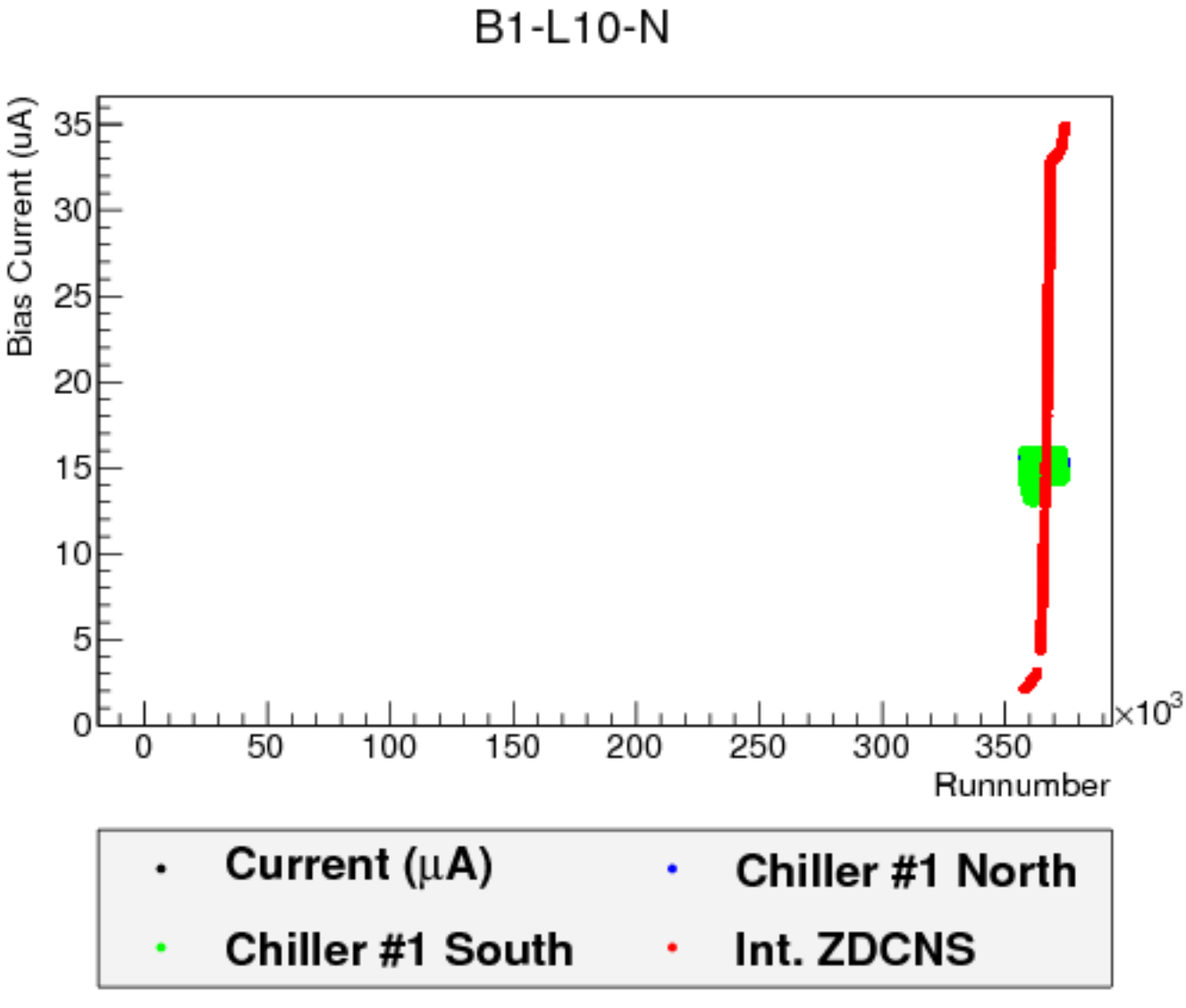
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L10-N
Bias Current (uA)
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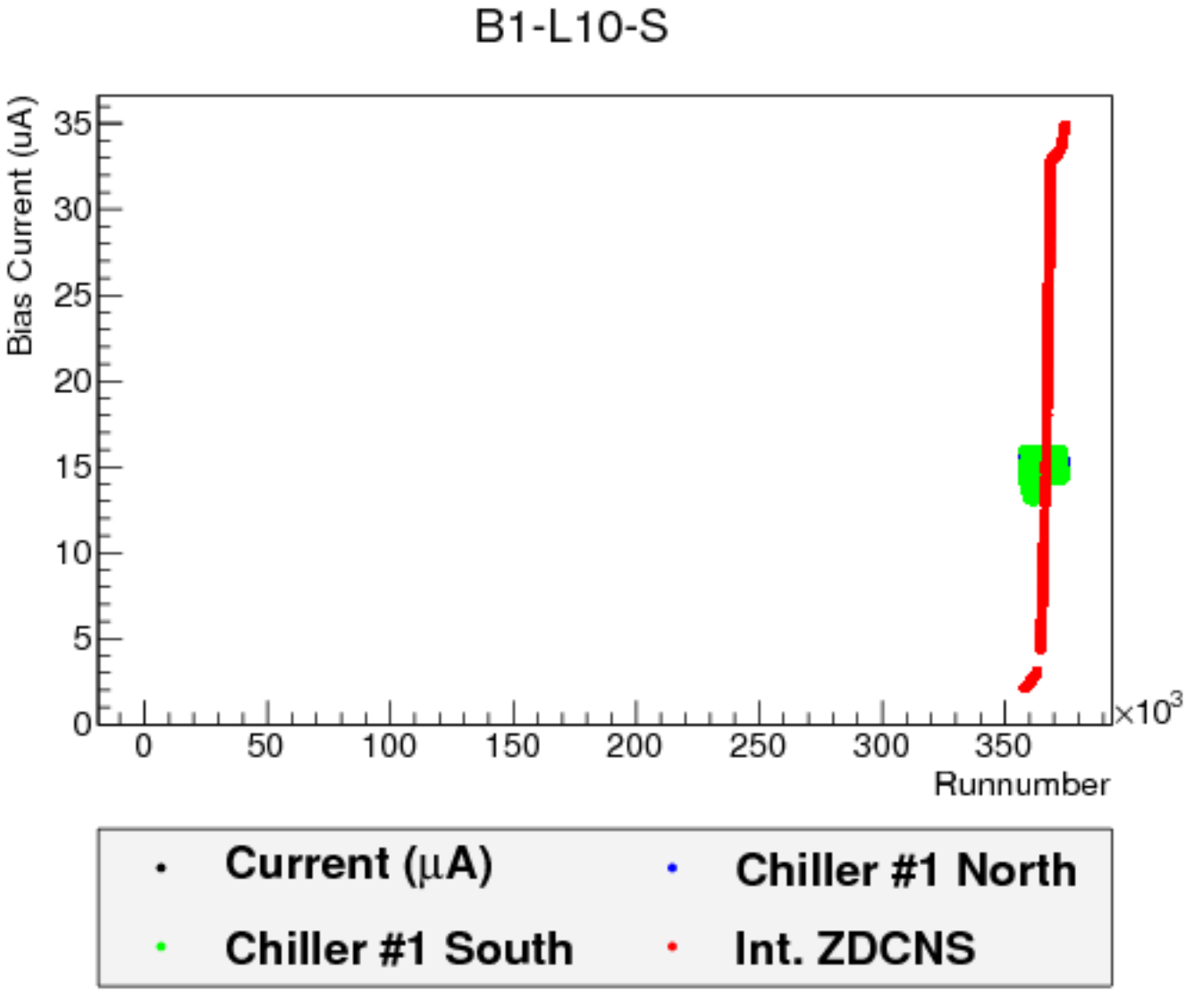
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L10-S
Bias Current (uA)
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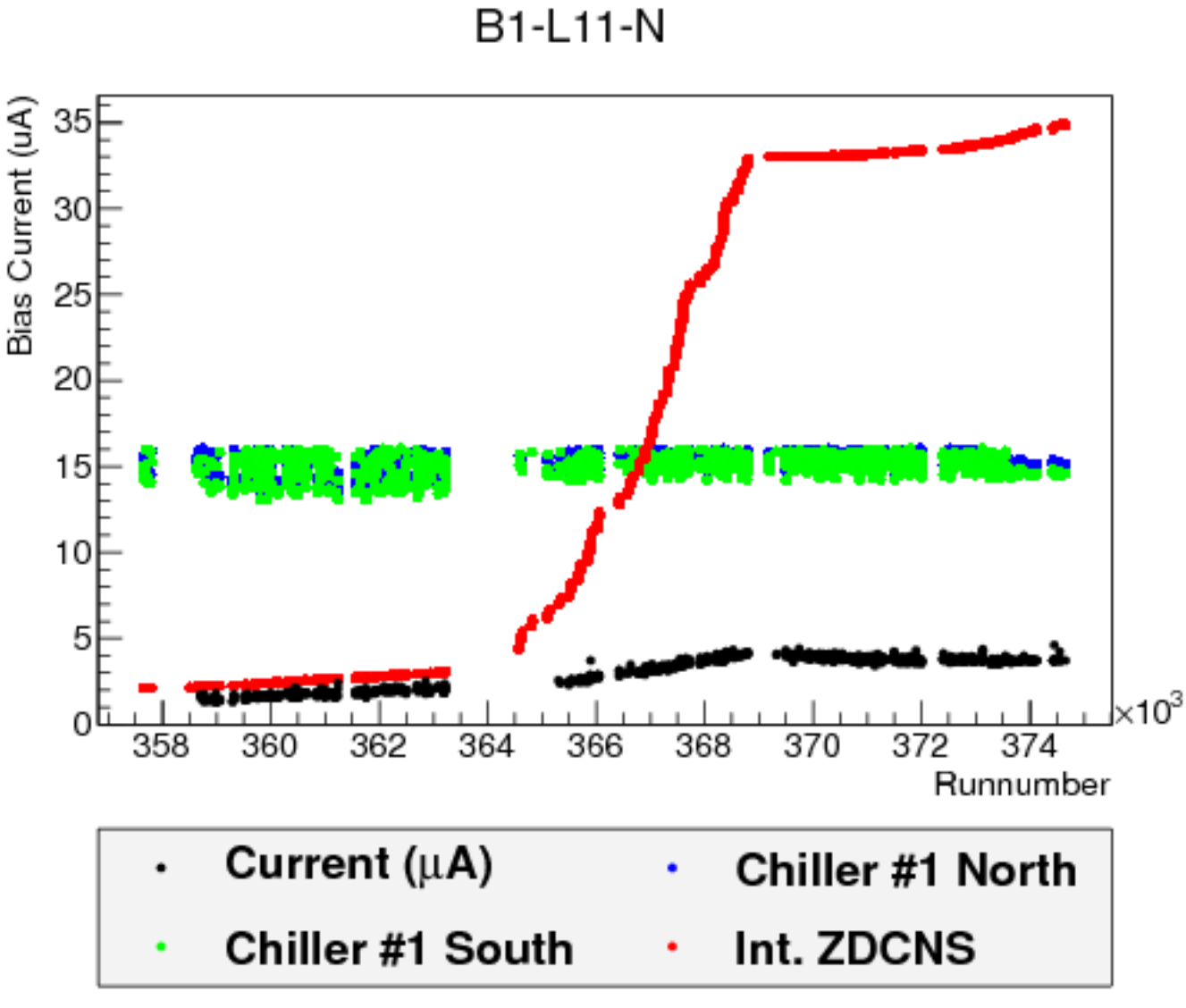
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L11-N
Bias Current (uA)
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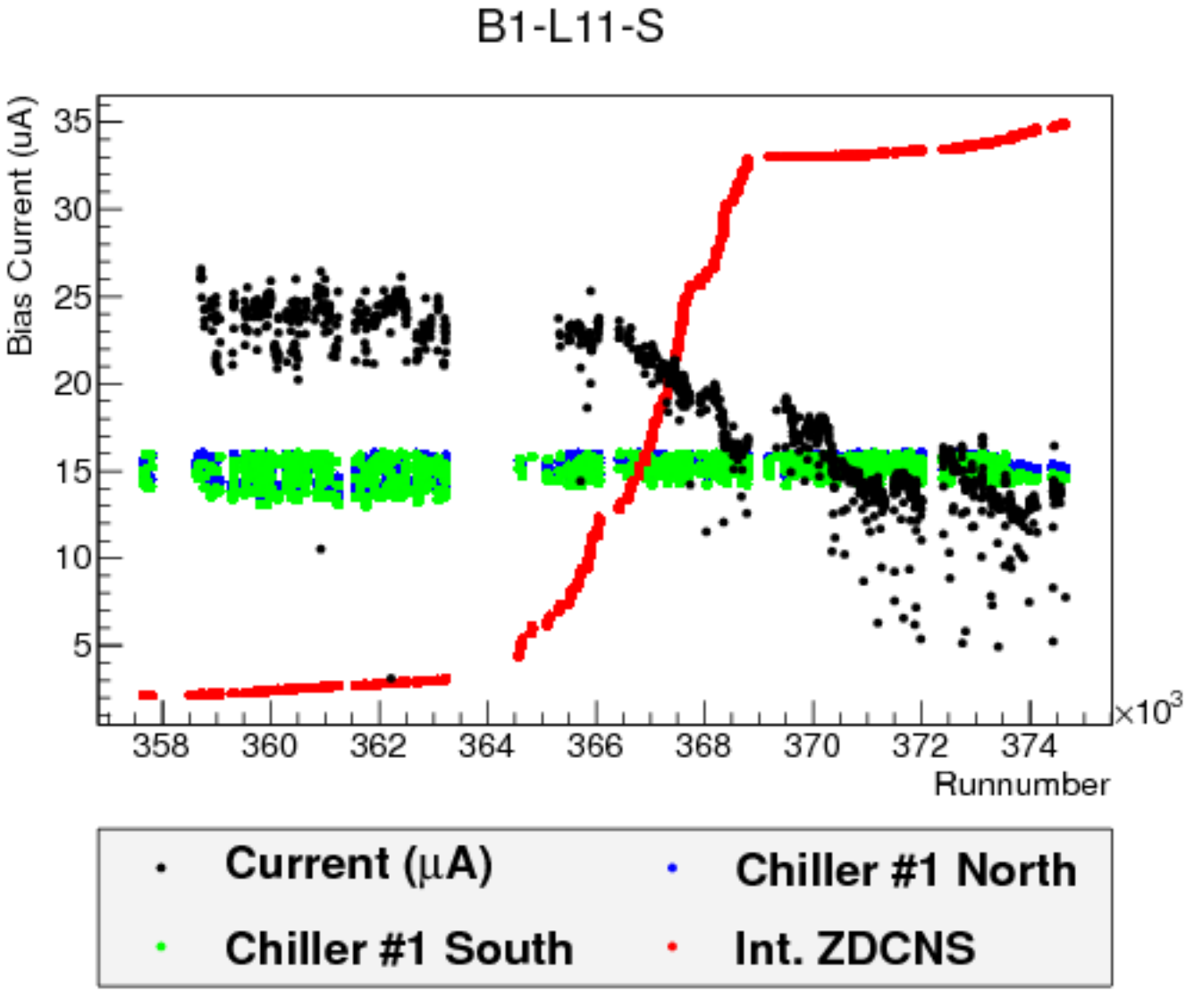
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L11-S
Bias Current (uA)
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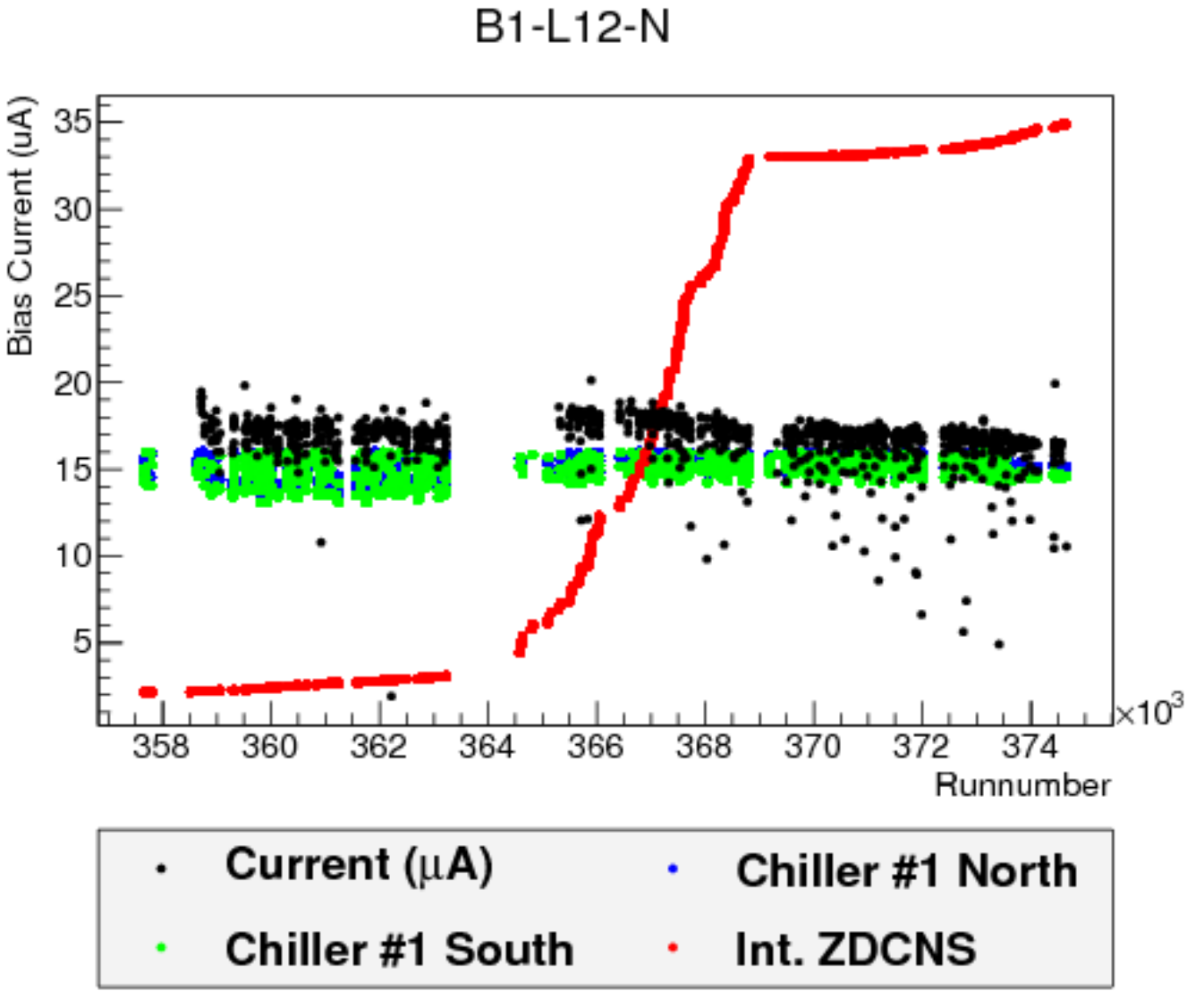
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L12-N
Bias Current (uA)
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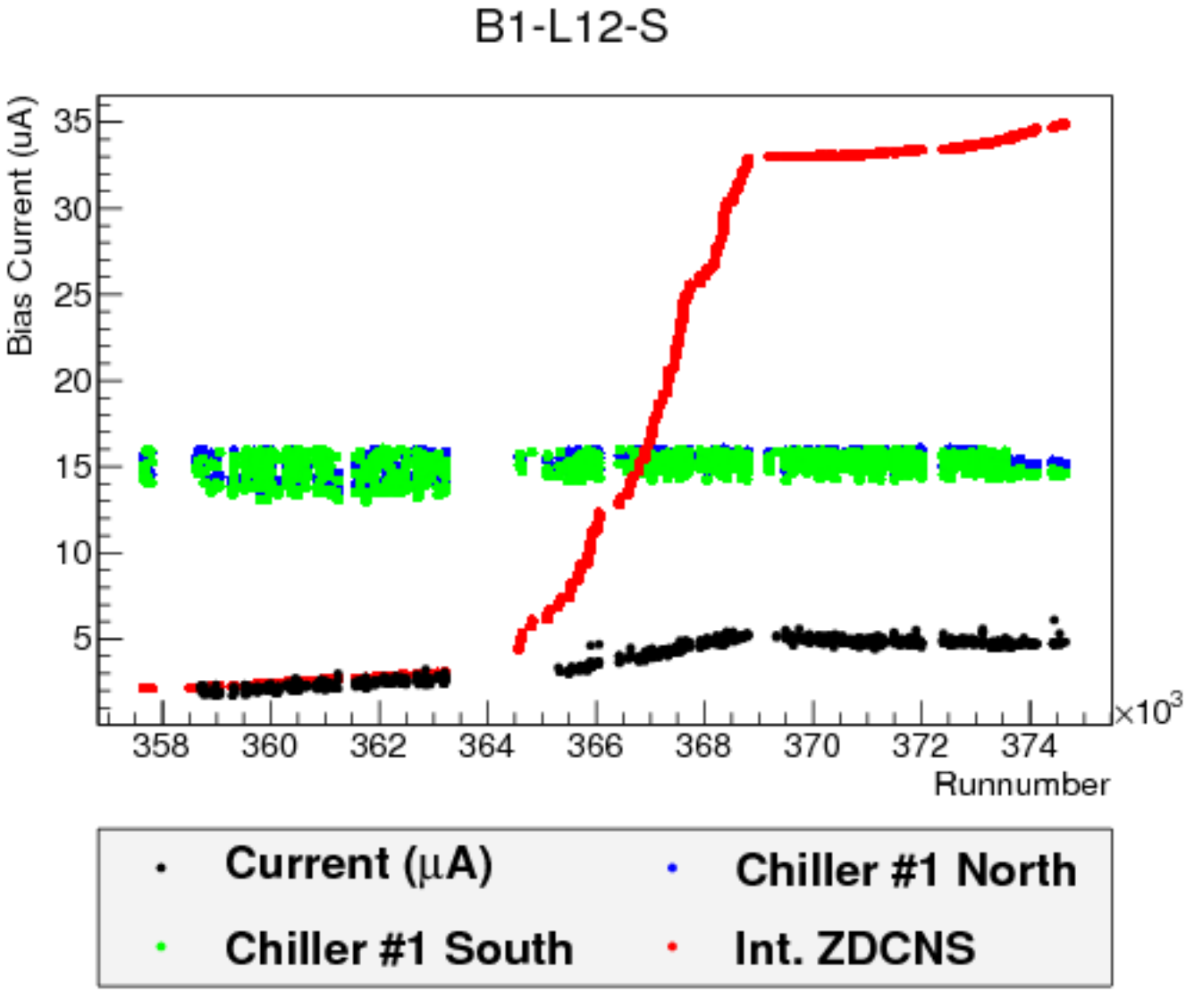
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L12-S
Bias Current (uA)
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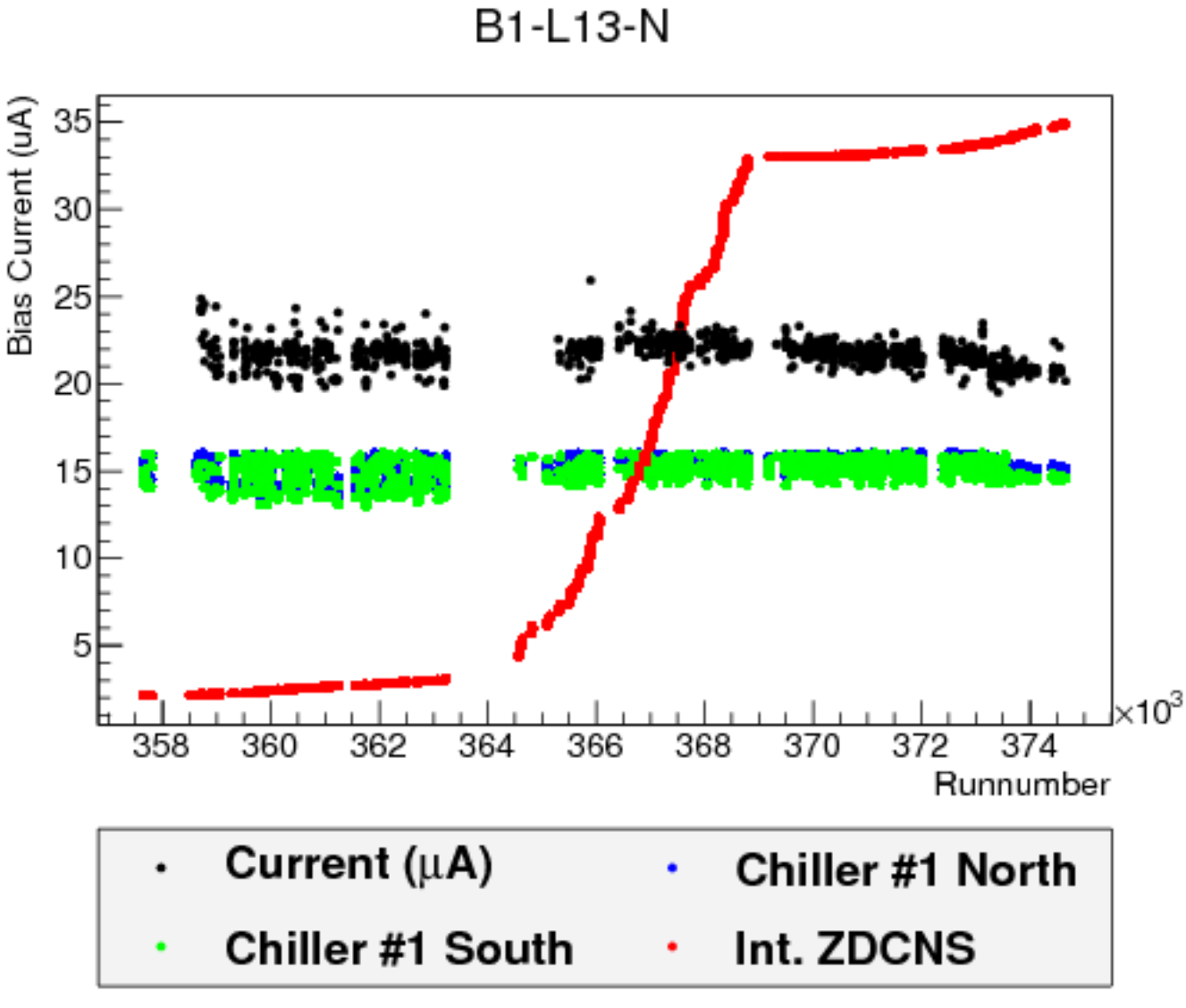
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L13-N
Bias Current (uA)
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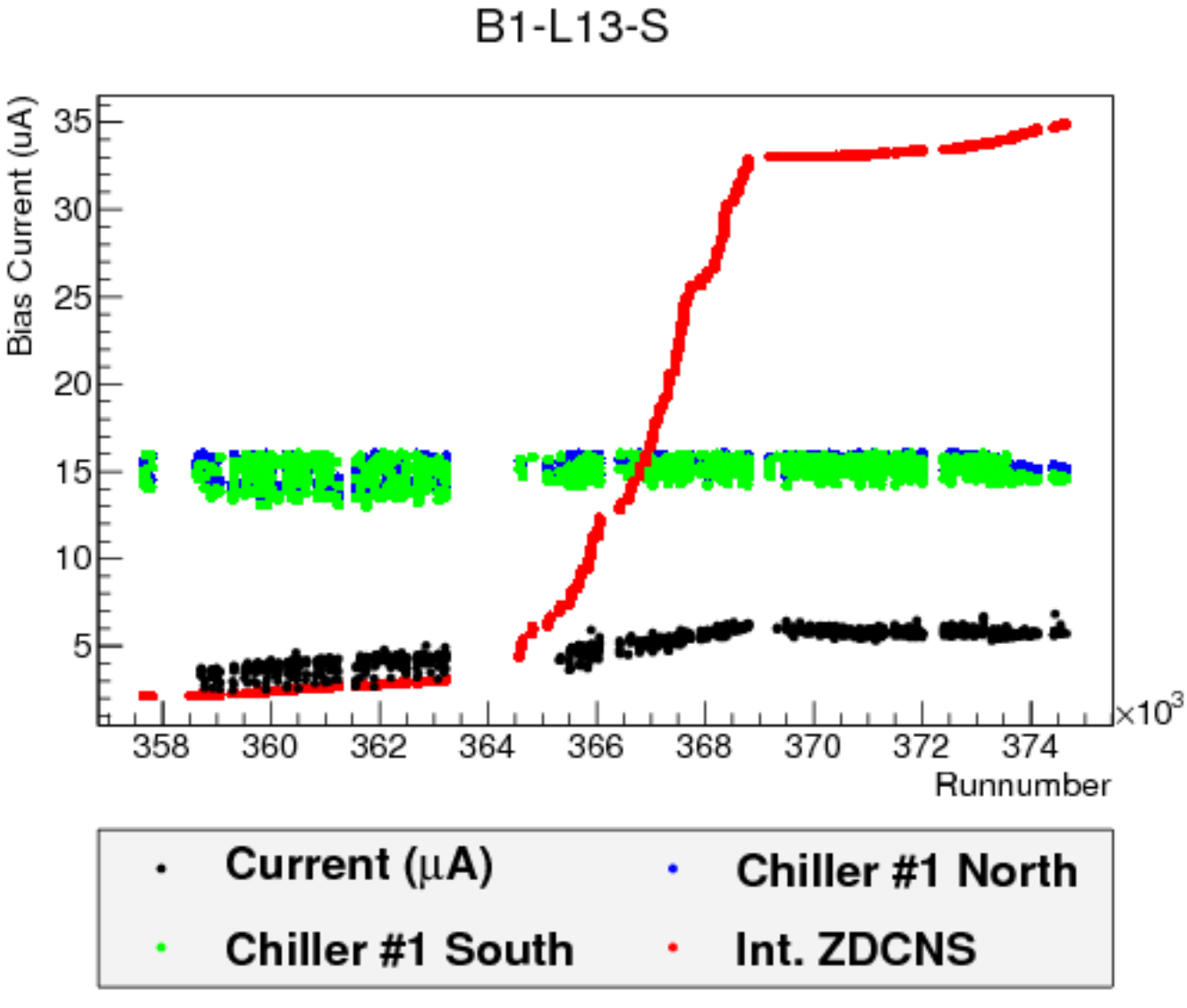
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L13-S
Bias Current (uA)
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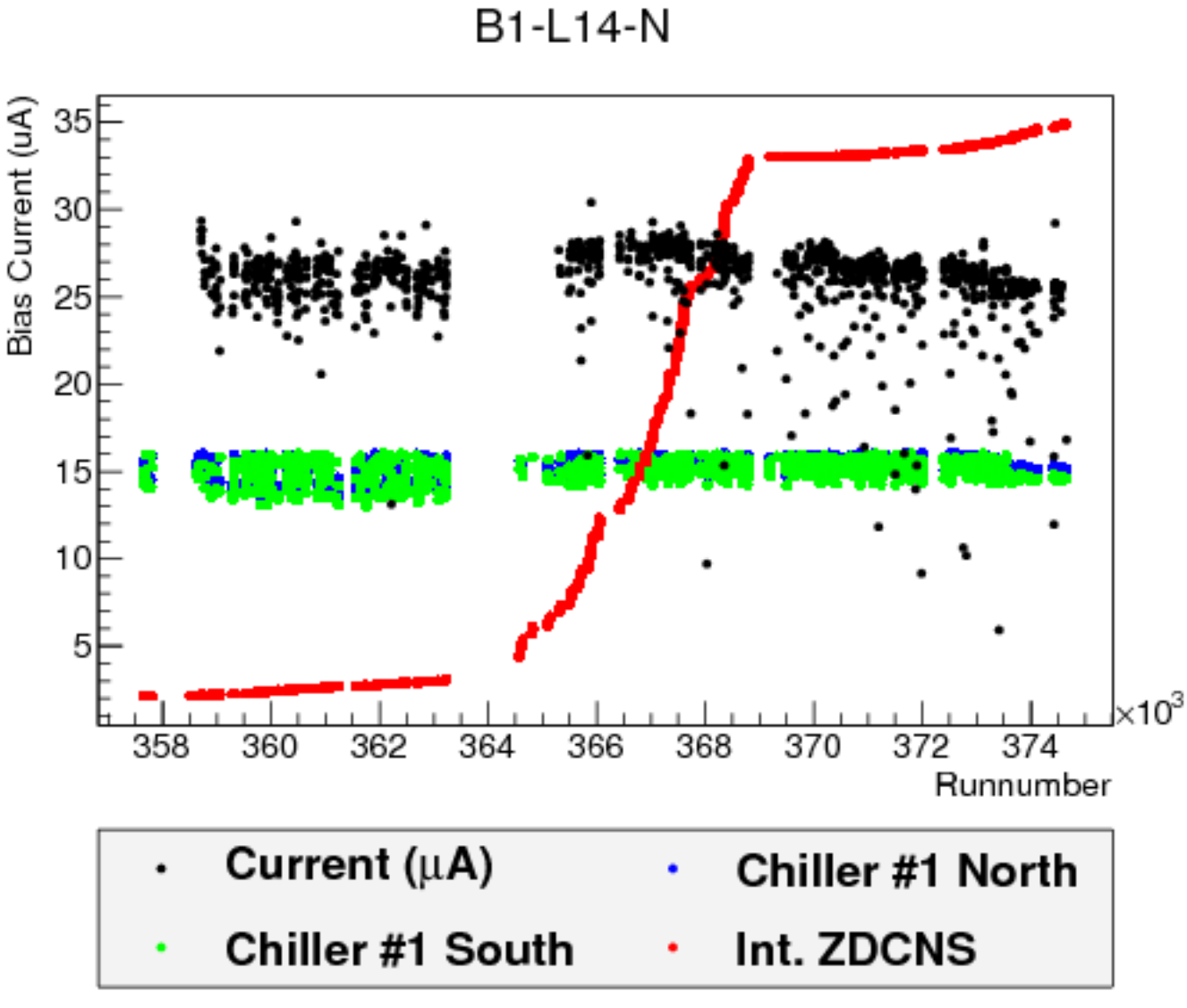
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L14-N
Bias Current (uA)
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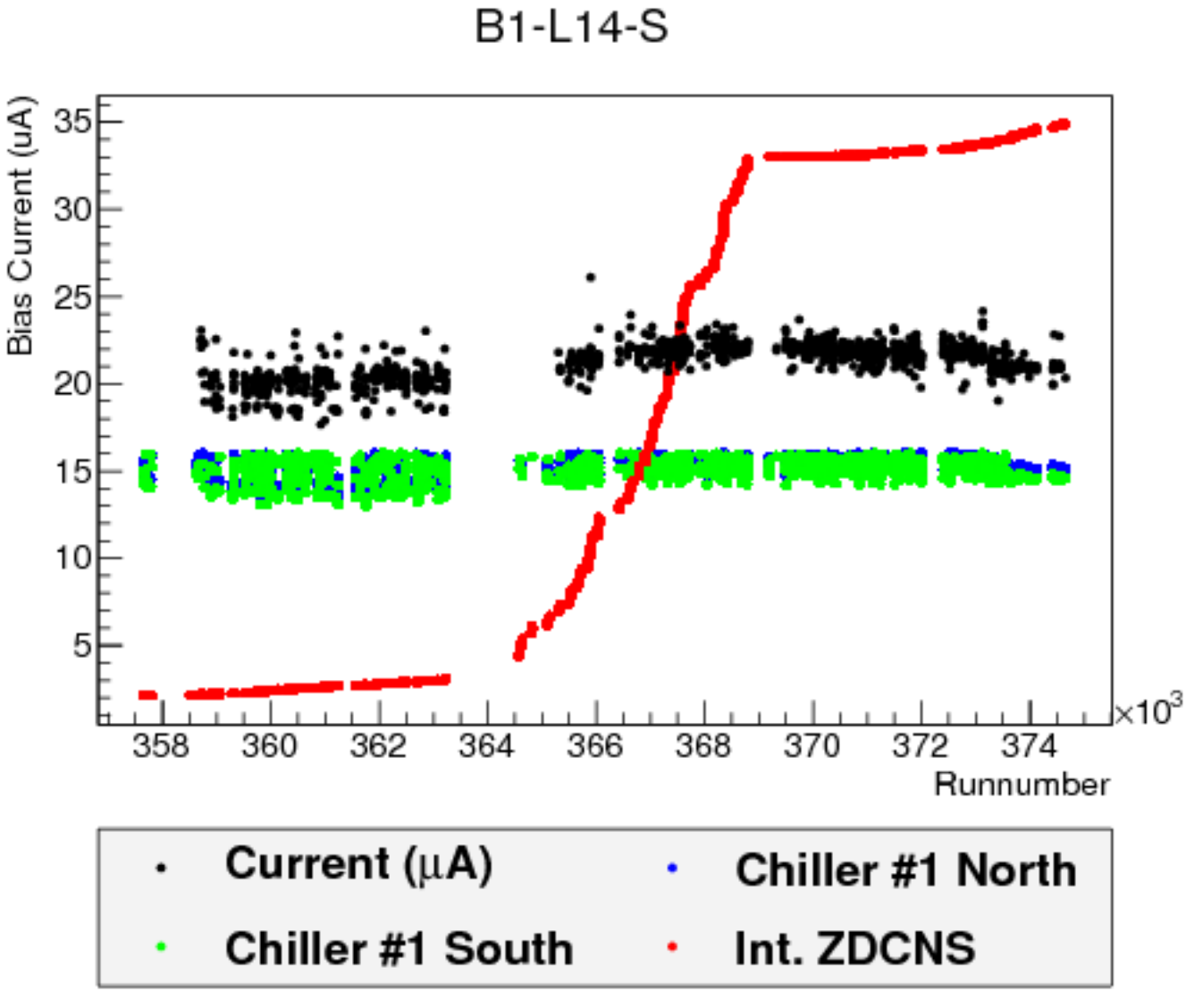
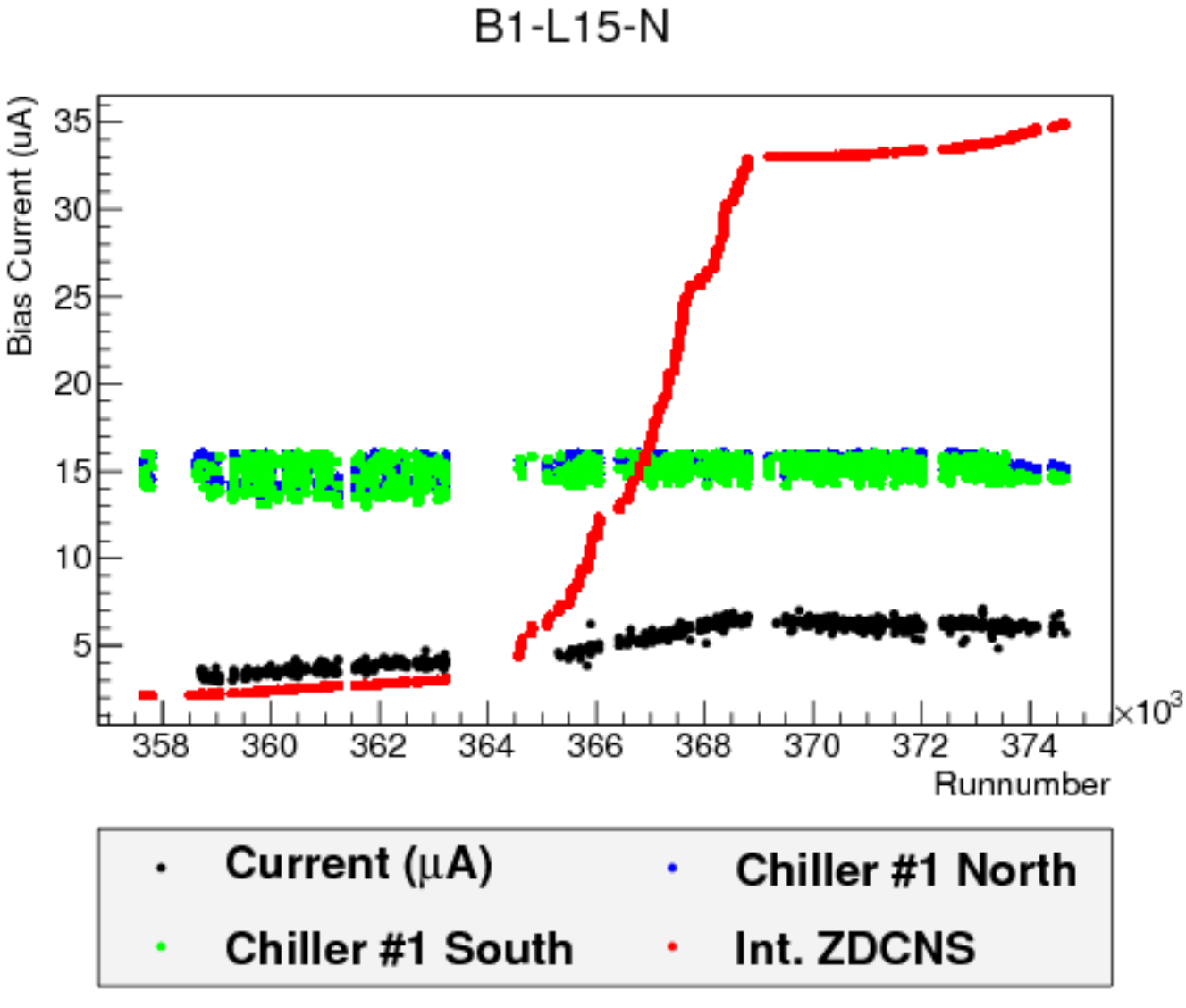
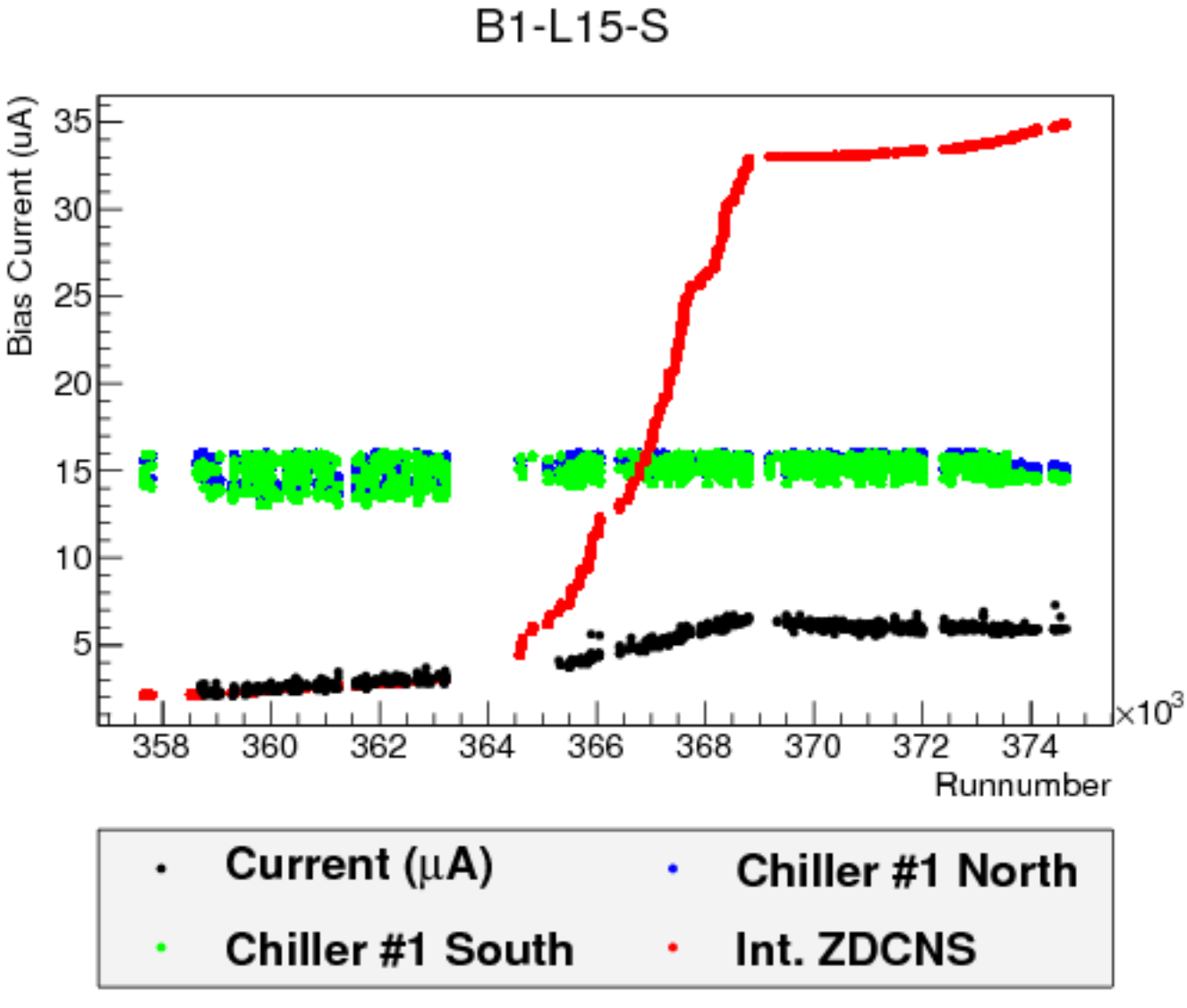
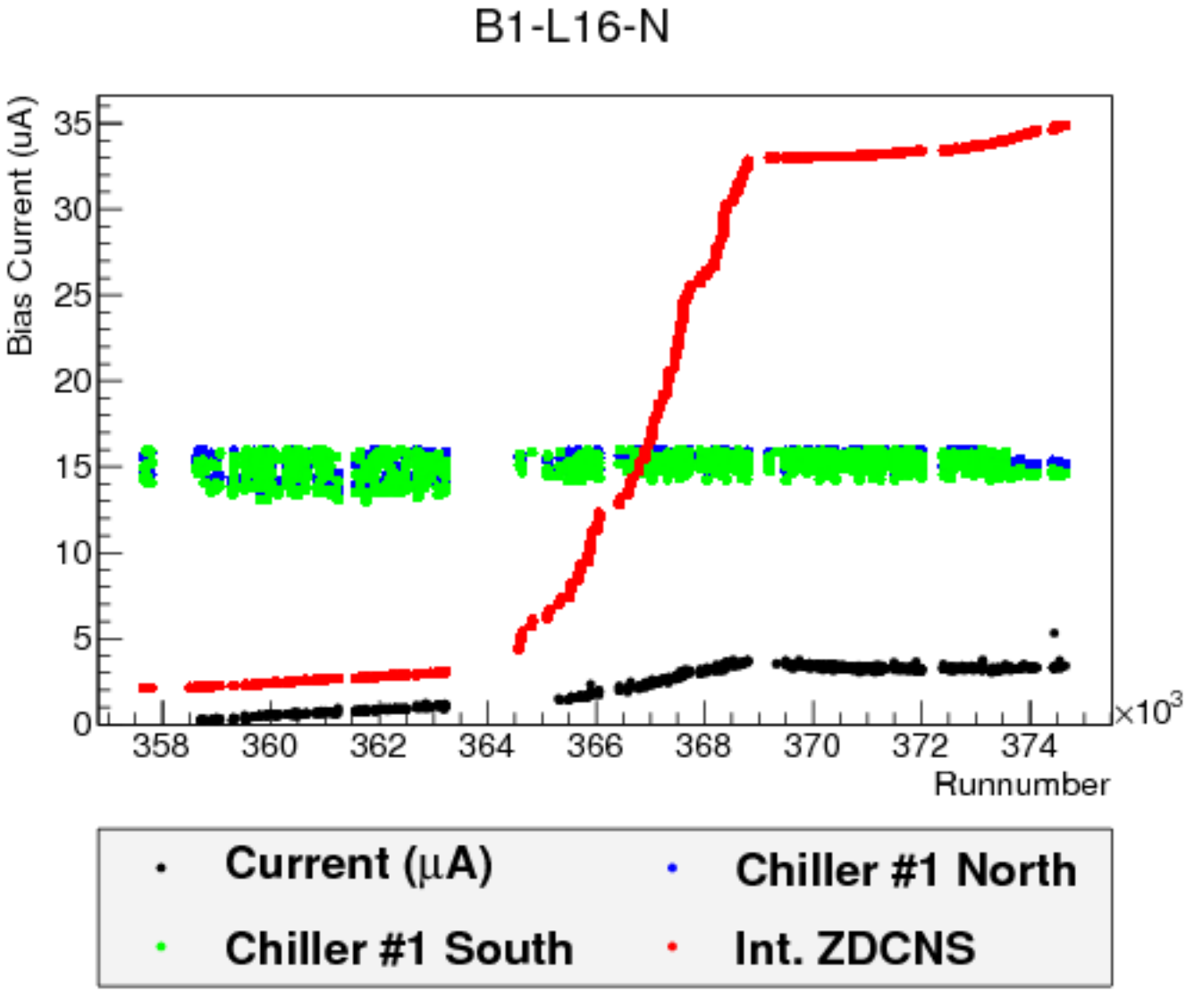
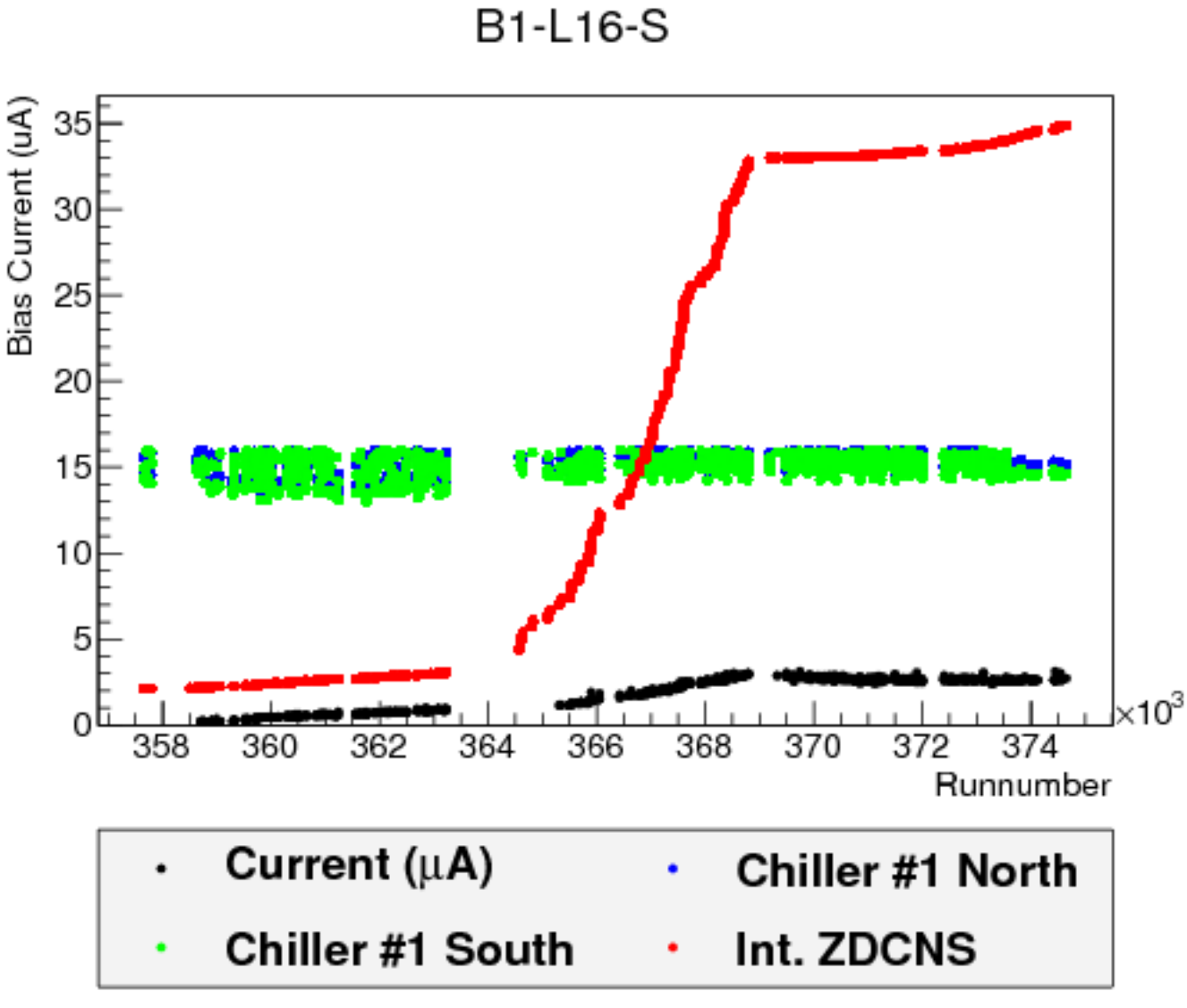
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

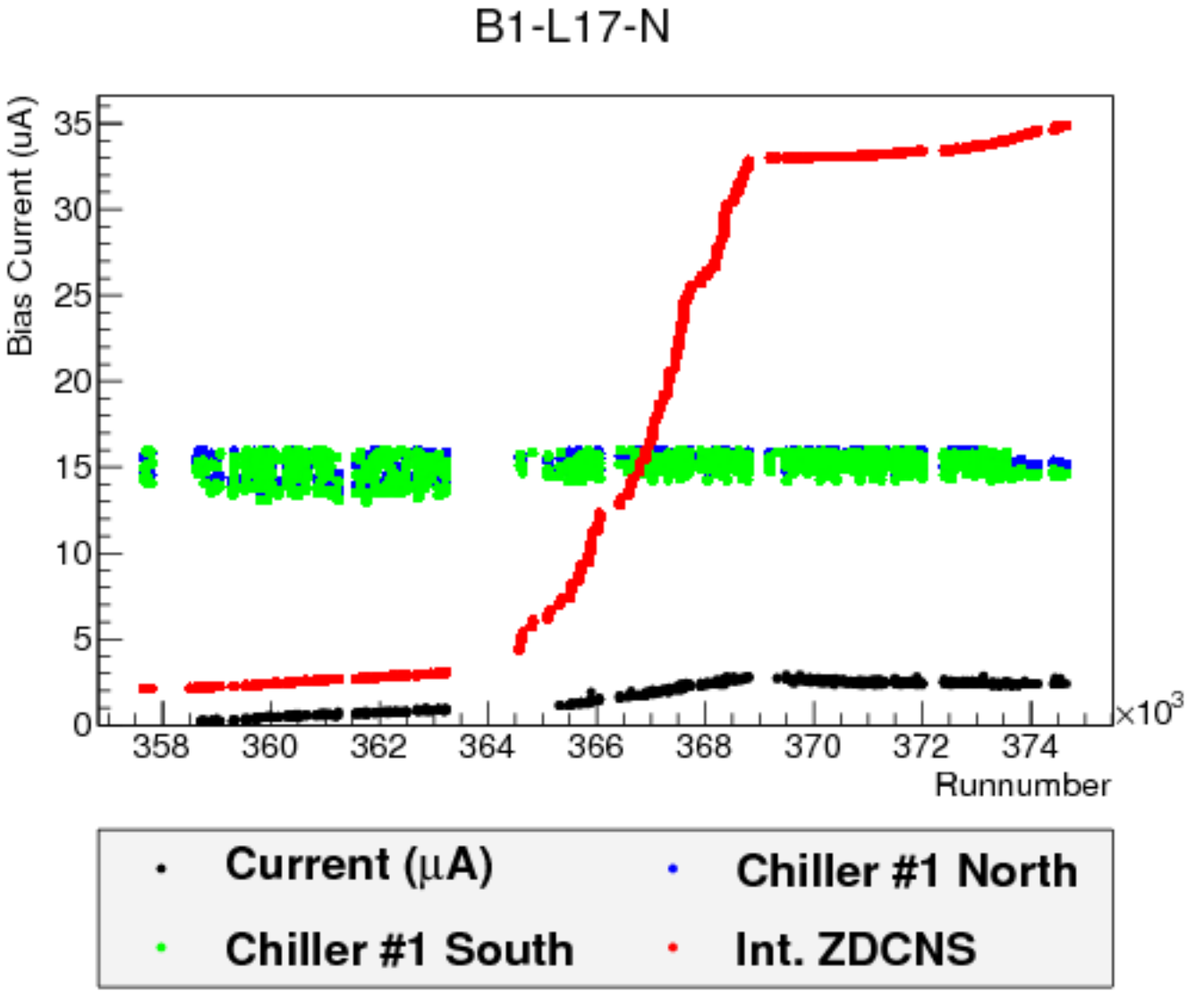

B1-L14-S
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

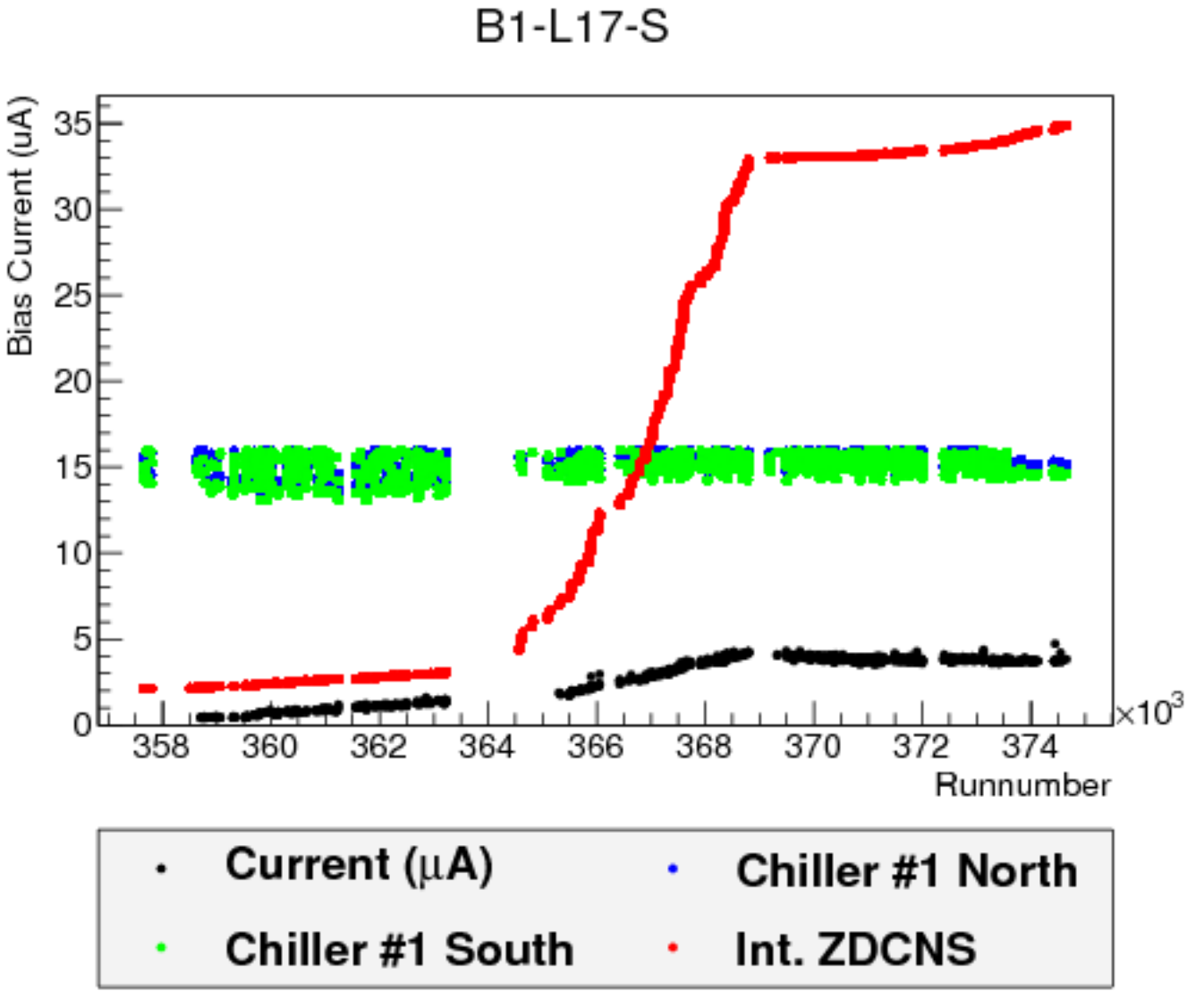

B1-L15-N
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

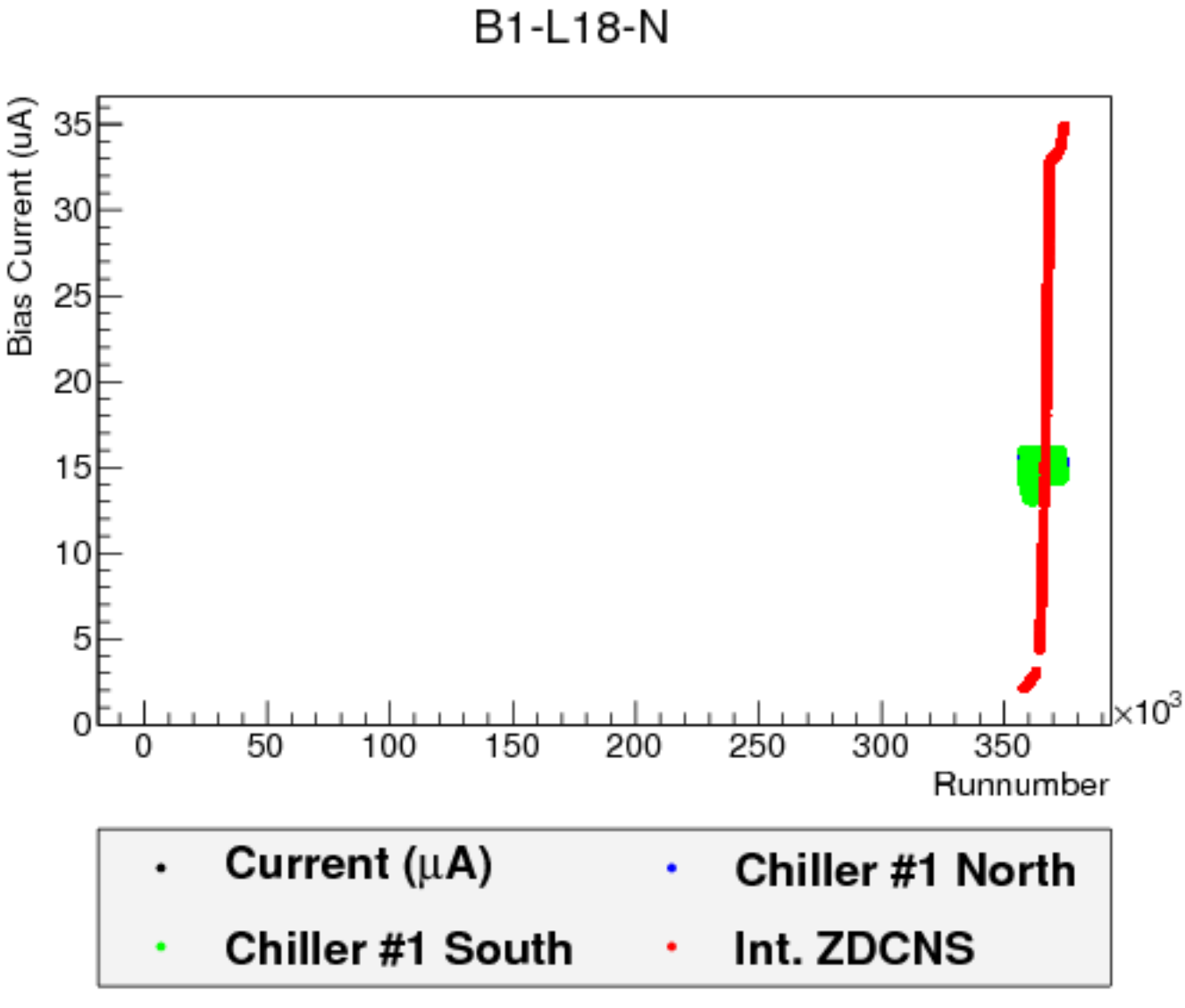

B1-L15-S
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

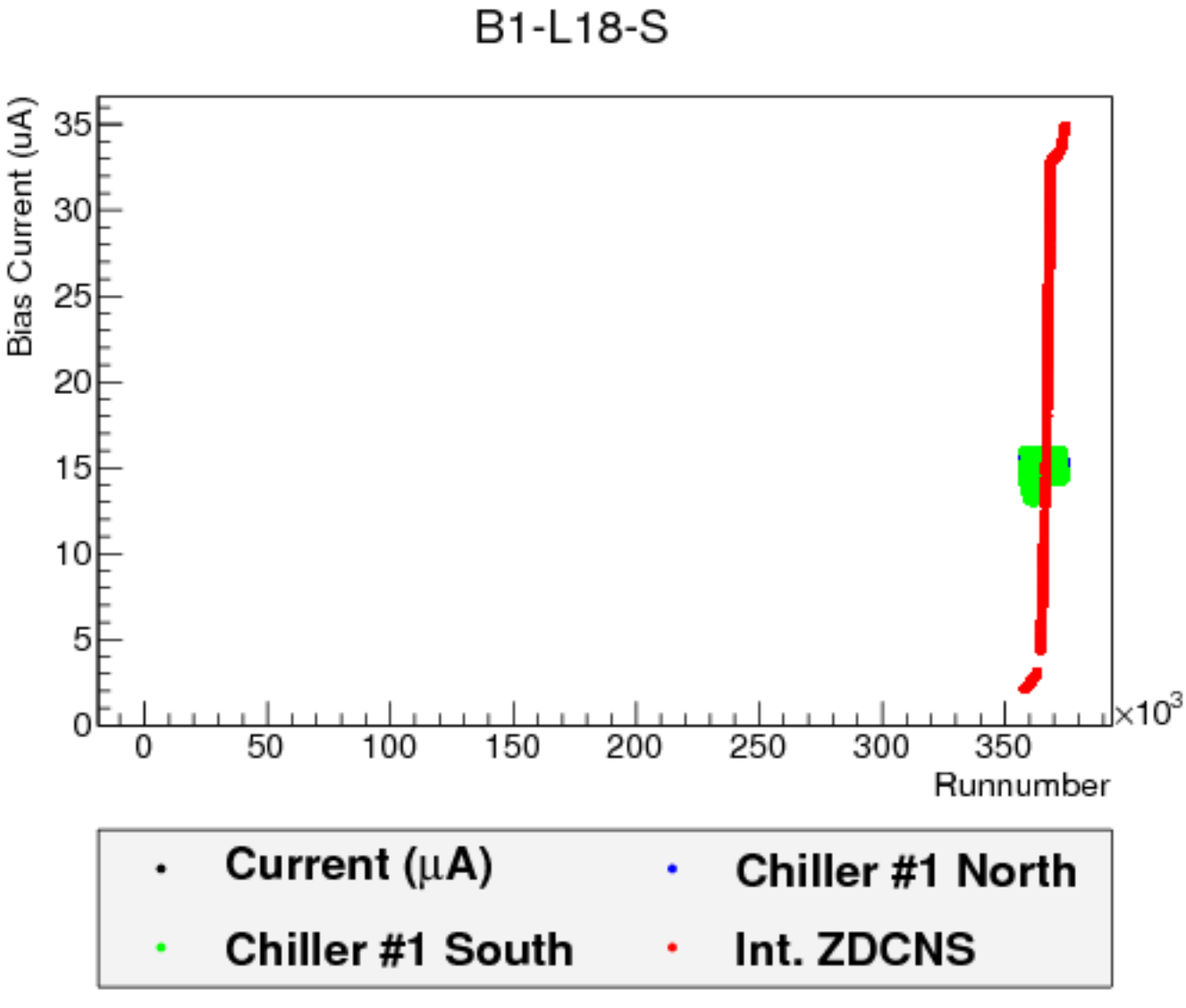

B1-L16-N
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

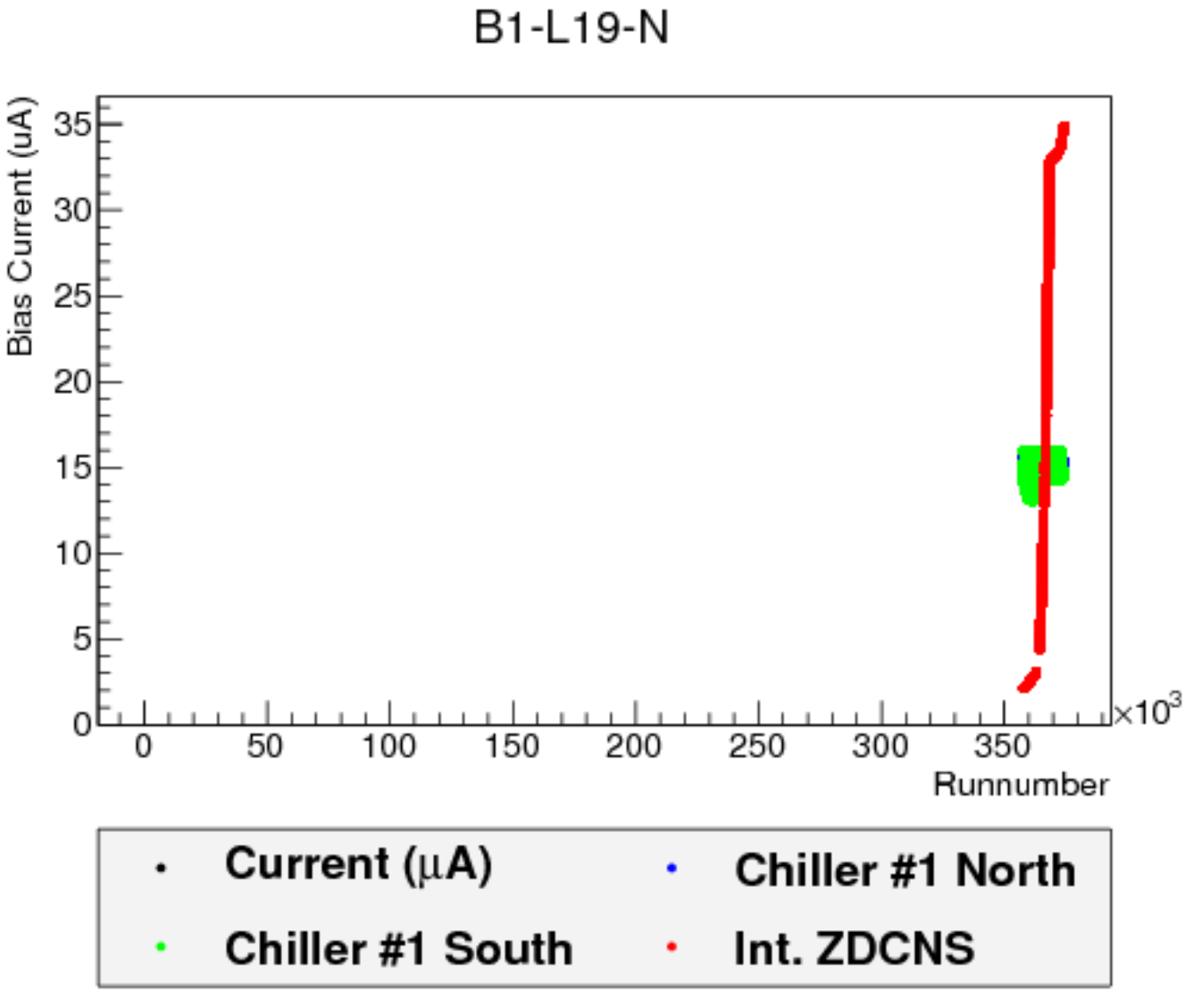

B1-L16-S
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

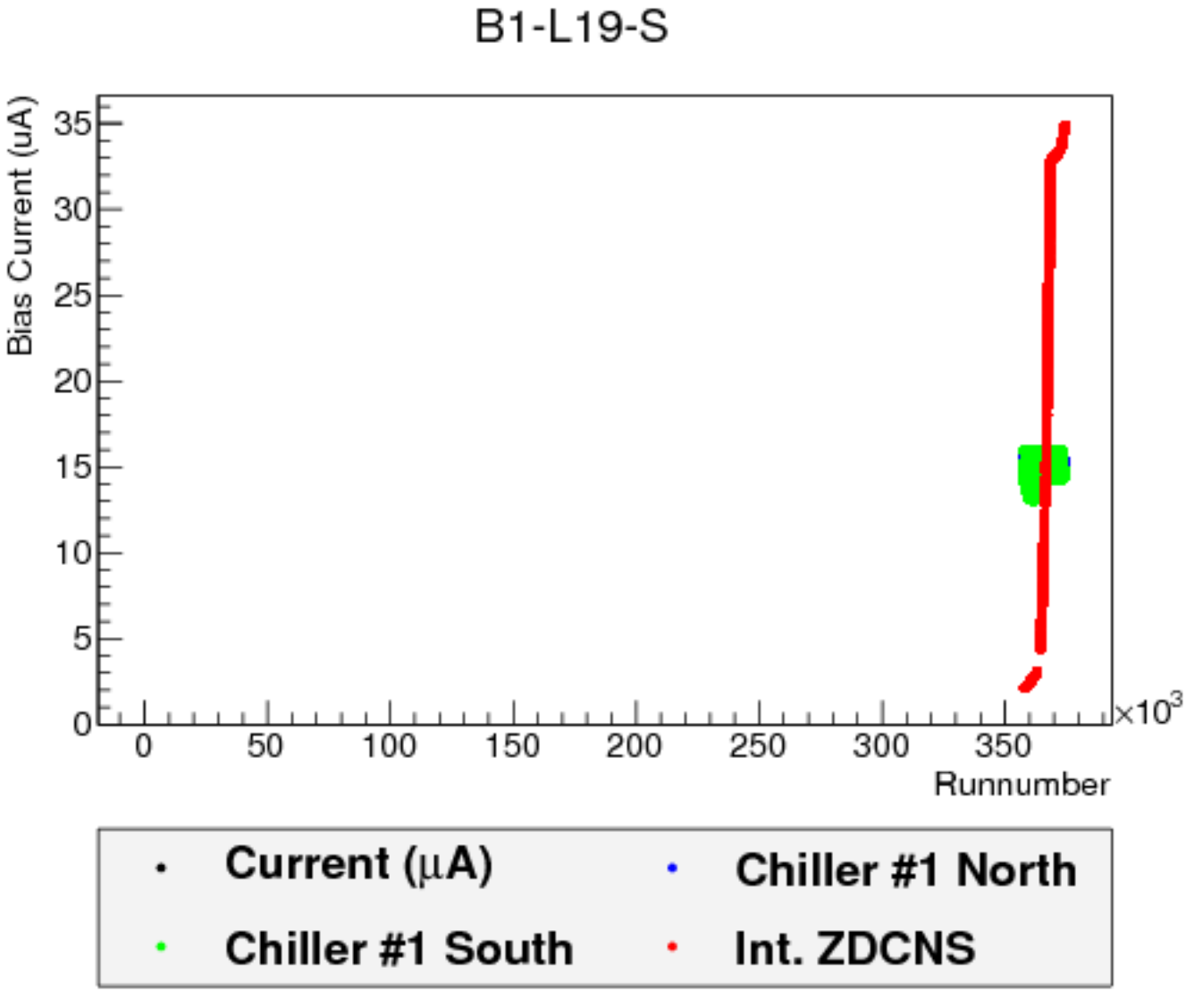

B1-L17-N
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

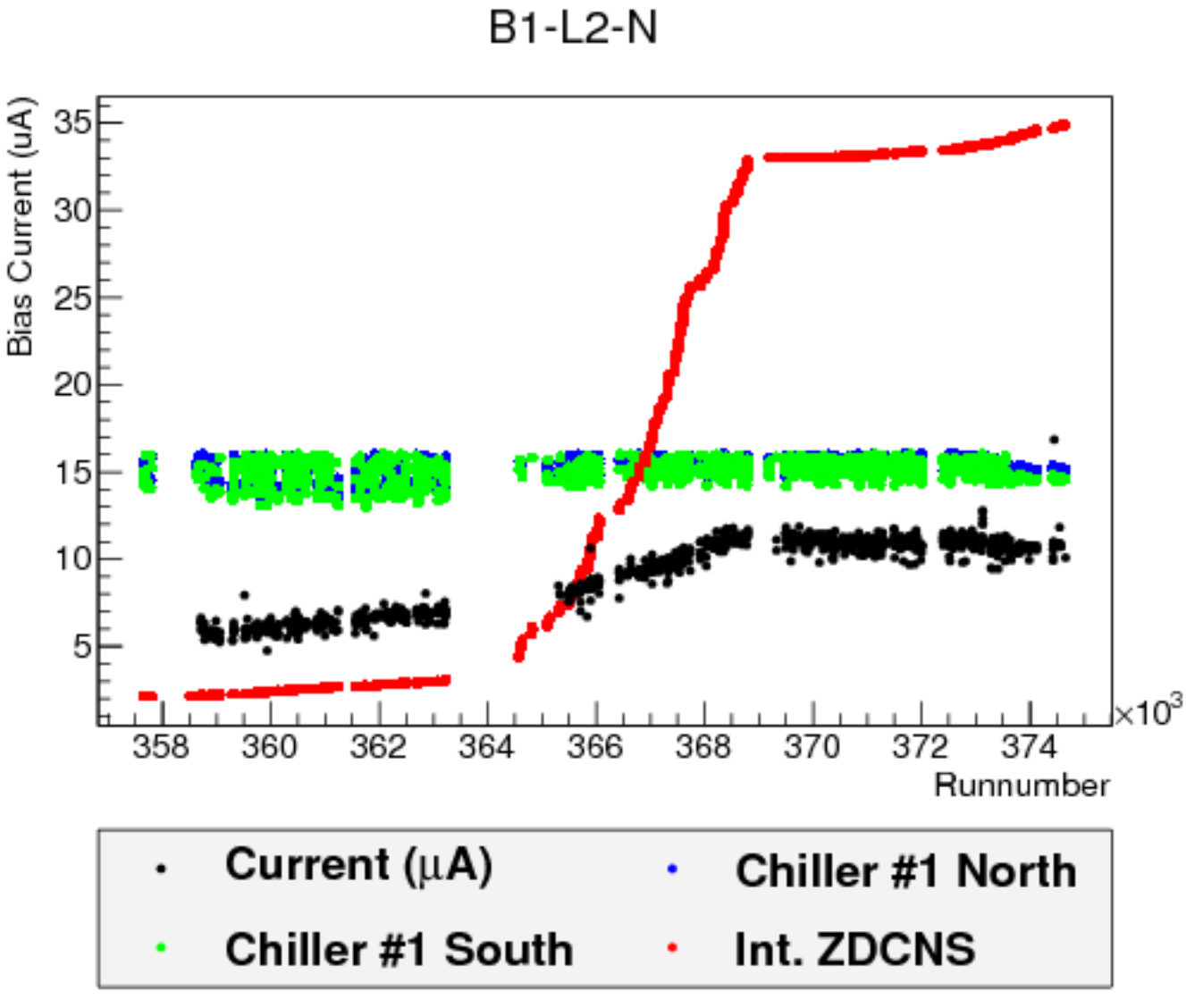

B1-L17-S
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

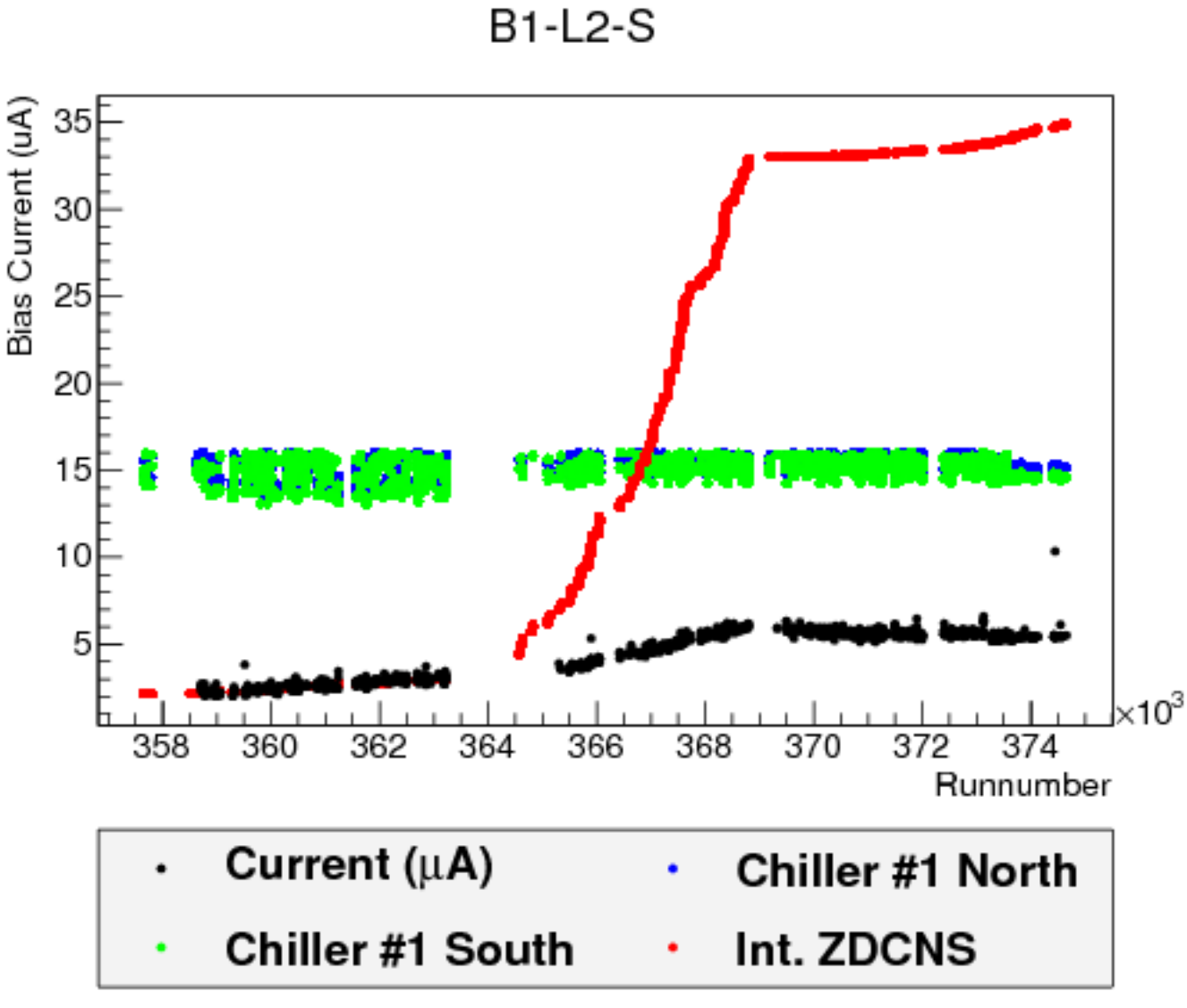

B1-L18-N
Bias Current (uA)
35
30
25
20
15
10
5
0
0
50
100
150
200
250
300
350
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

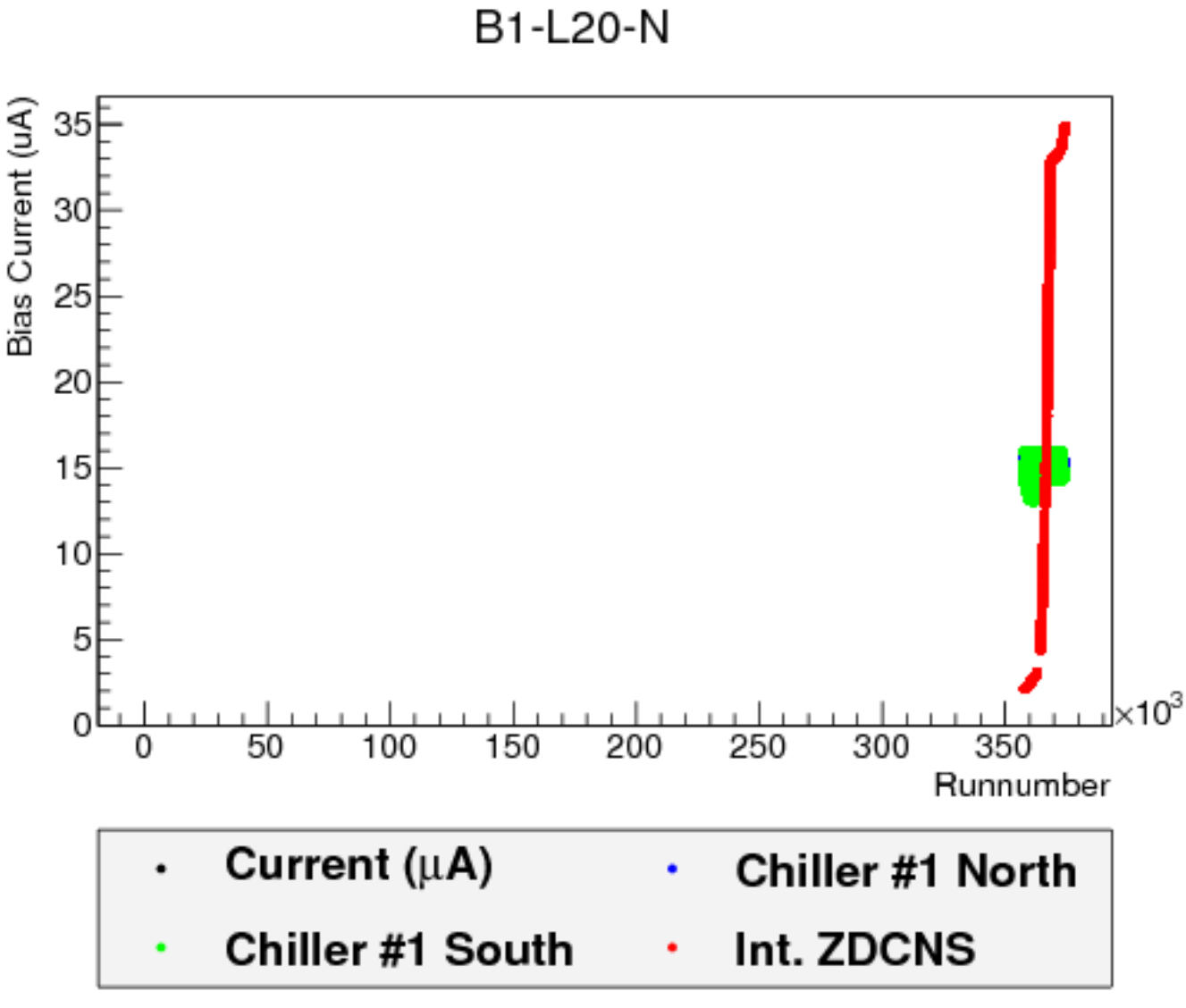

B1-L18-S
Bias Current (uA)
35
30
25
20
15
10
5
0
0
50
100
150
200
250
300
350
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

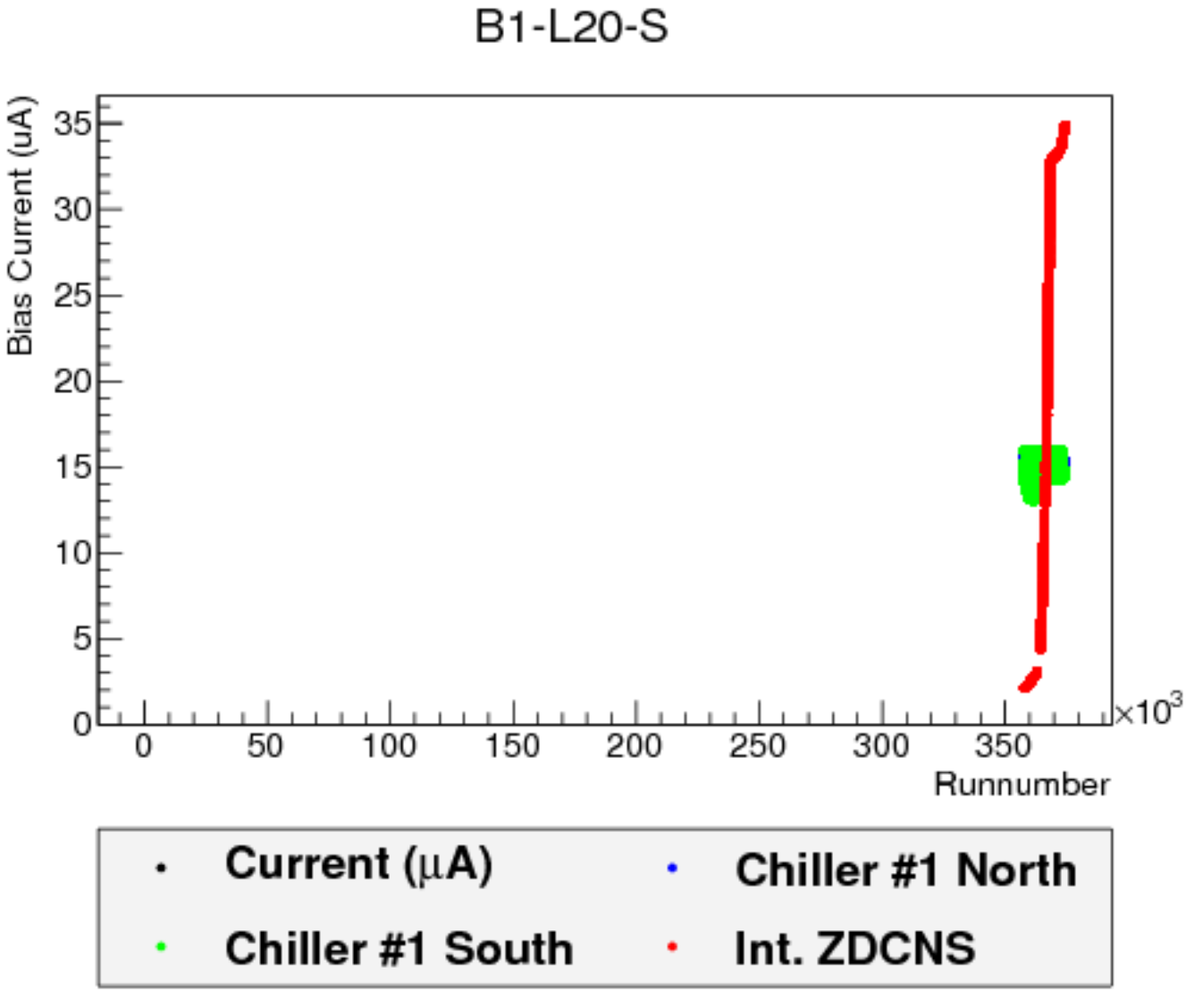

B1-L19-N
Bias Current (uA)
35
30
25
20
15
10
5
0
0
50
100
150
200
250
300
350
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L19-S
Bias Current (uA)
35
30
25
20
15
10
5
0
0
50
100
150
200
250
300
350
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L2-N
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L2-S
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L20-N
Bias Current (uA)
35
30
25
20
15
10
5
0
0
50
100
150
200
250
300
350
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L20-S
Bias Current (uA)
35
30
25
20
15
10
5
0
0
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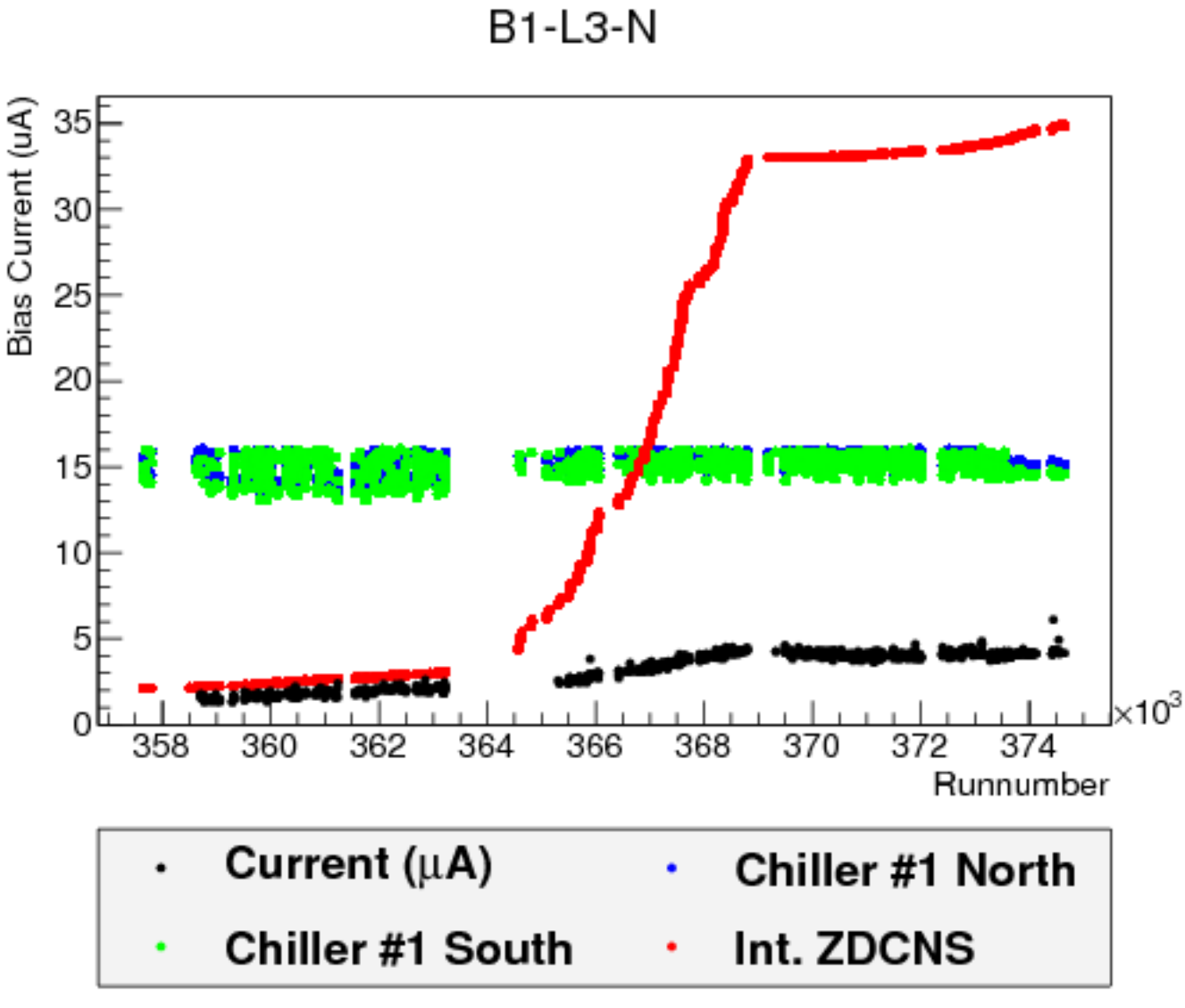
100
150
200
250
300
350
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B1-L3-N
Bias Current (uA)
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30
25
20
15
10
5
0
358
360
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364
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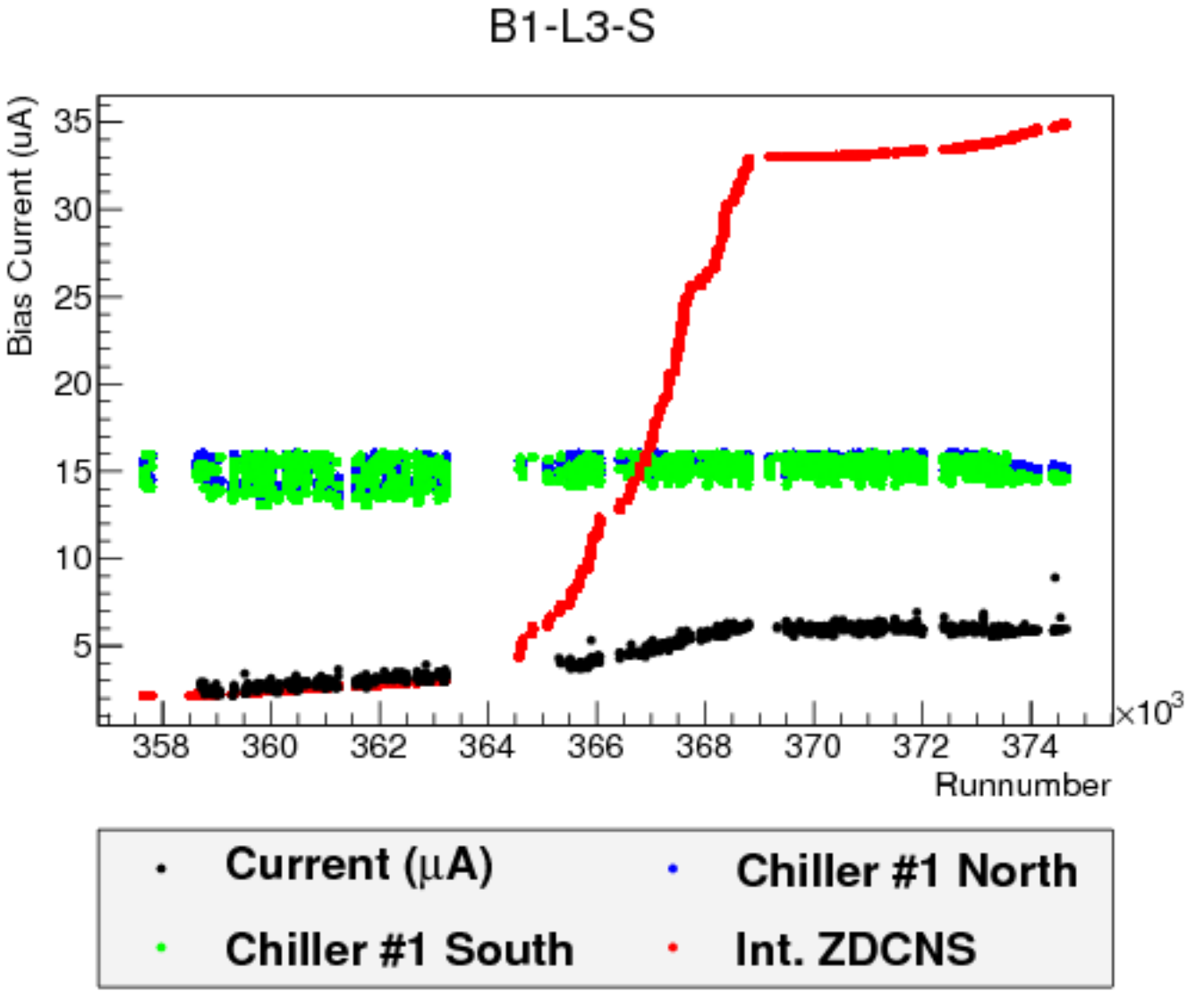
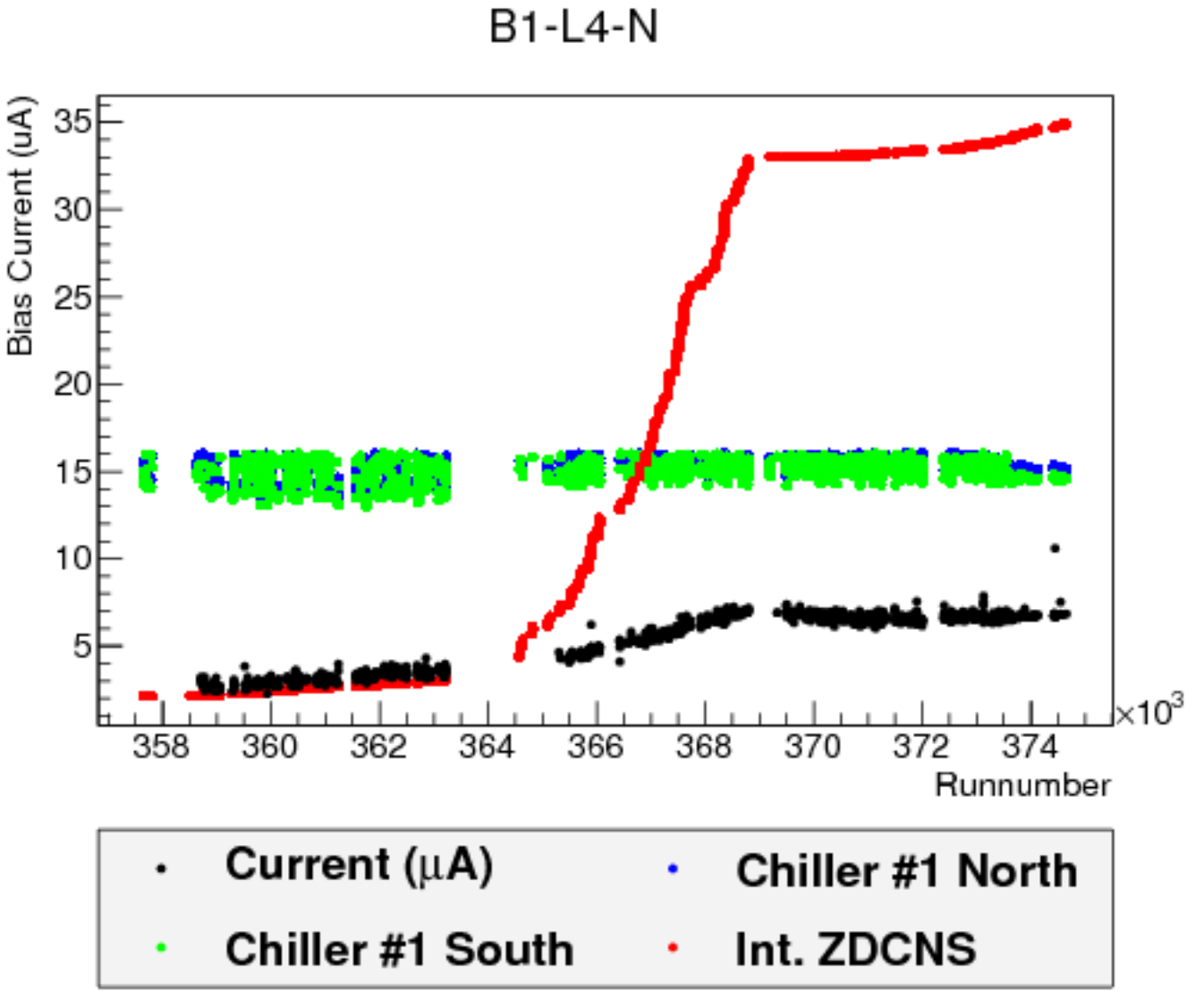
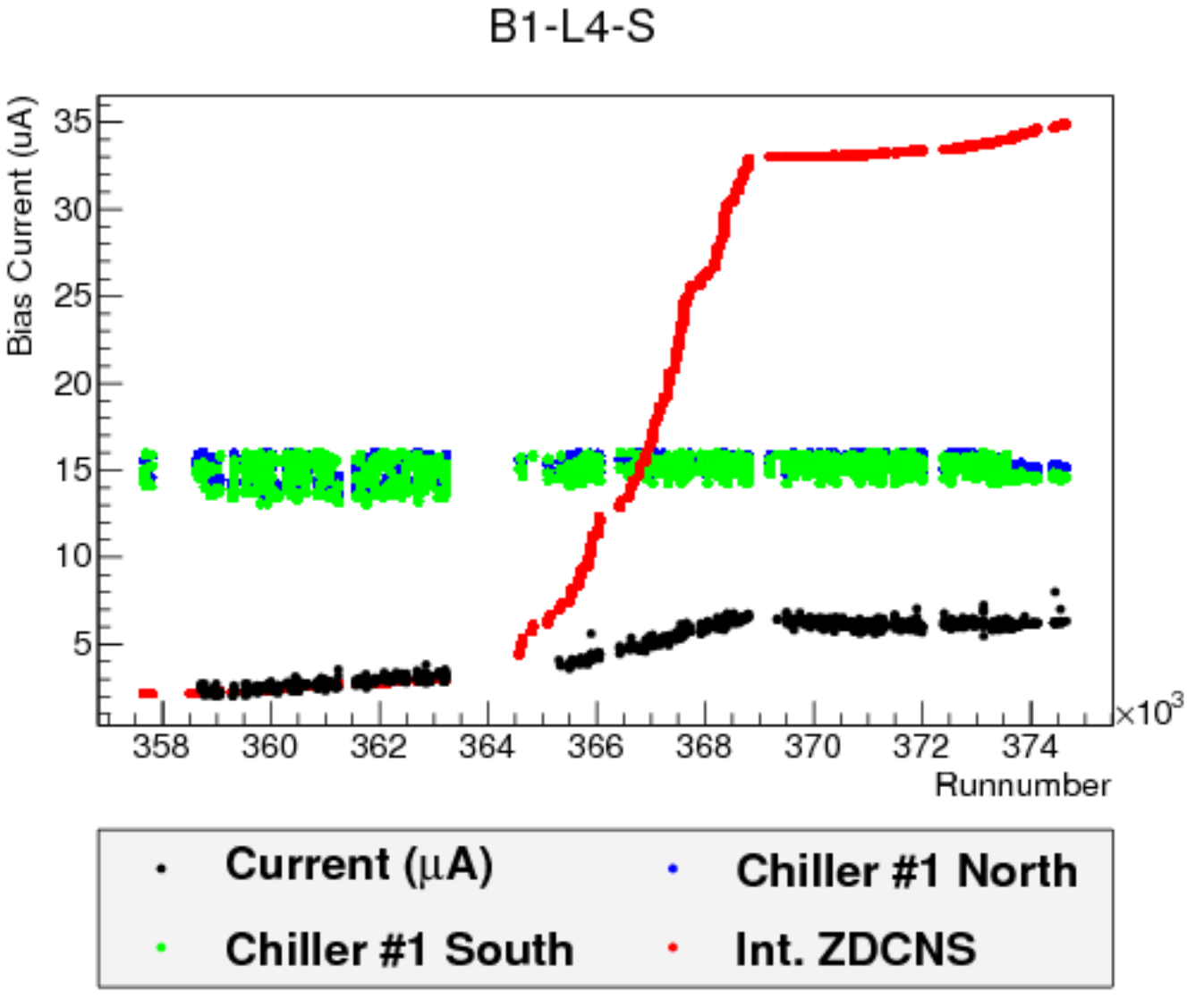
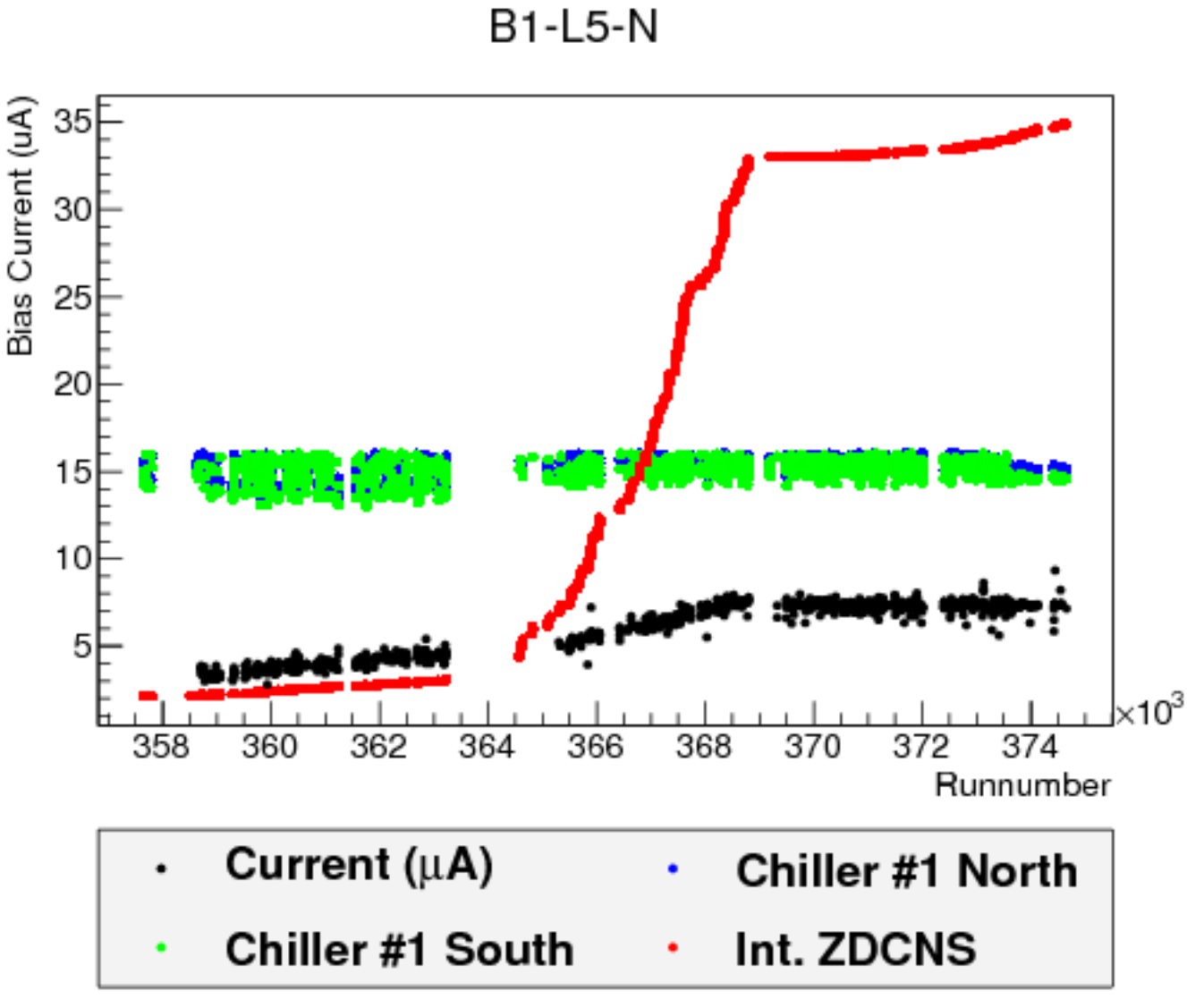
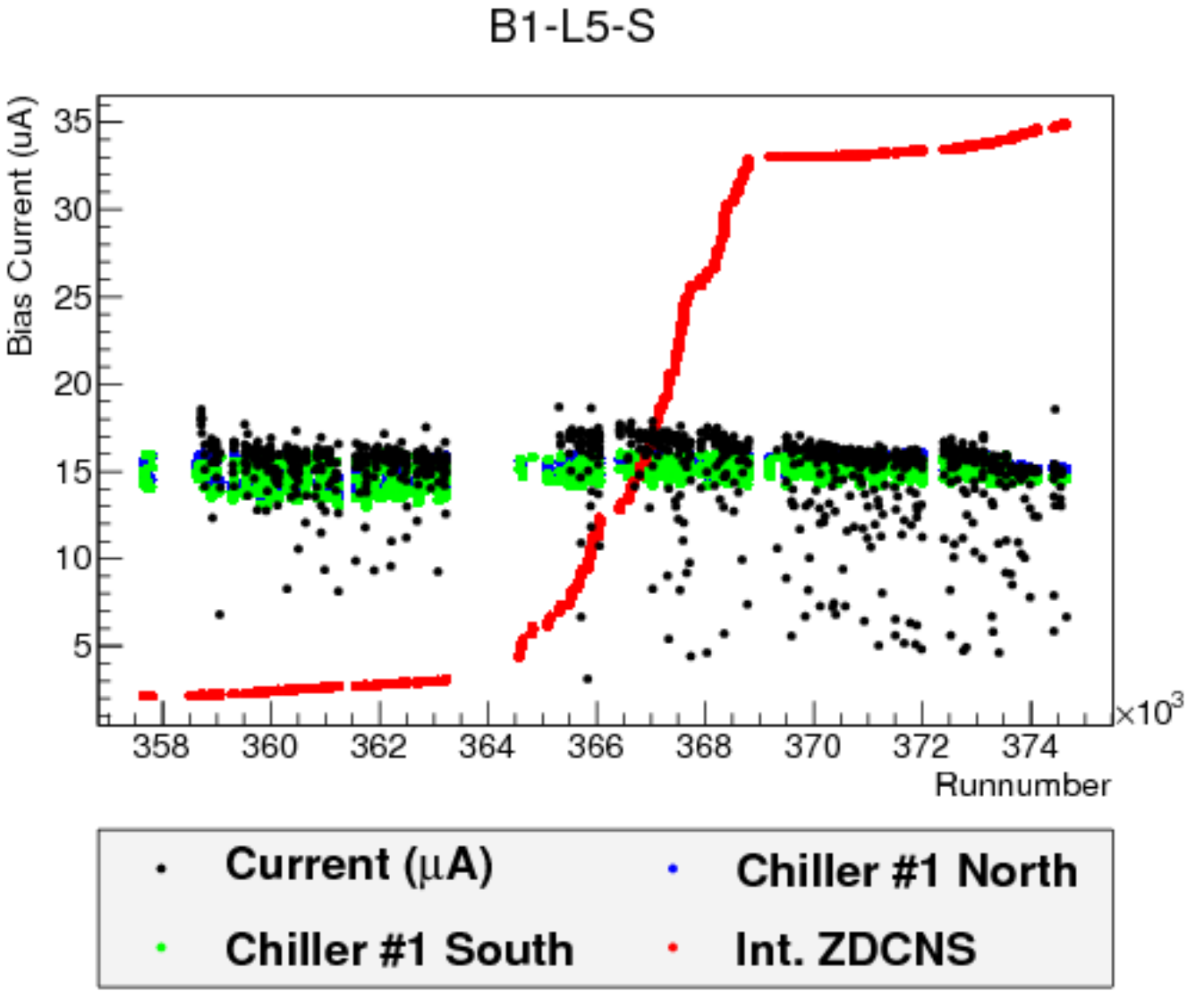
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

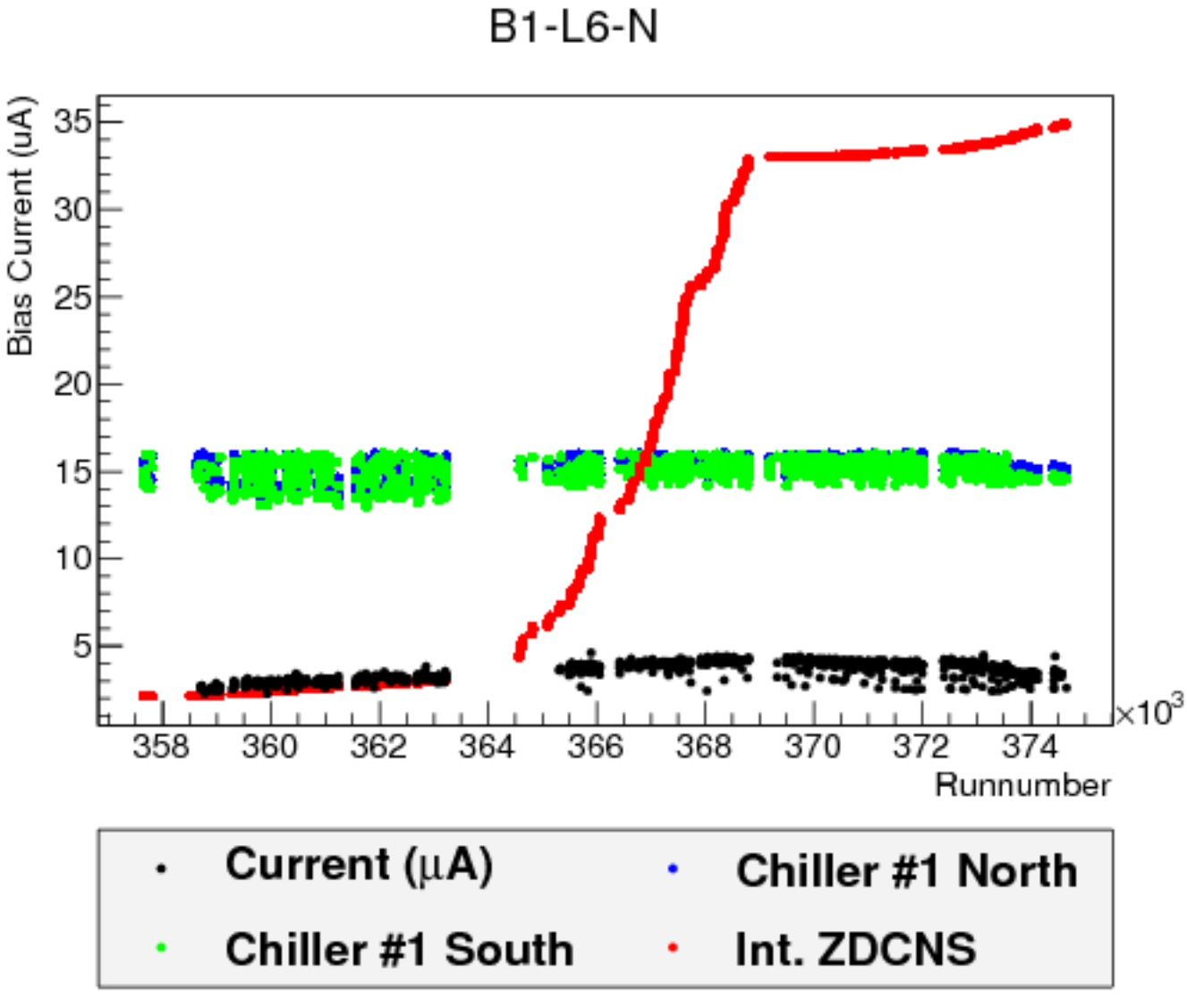

B1-L3-S
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

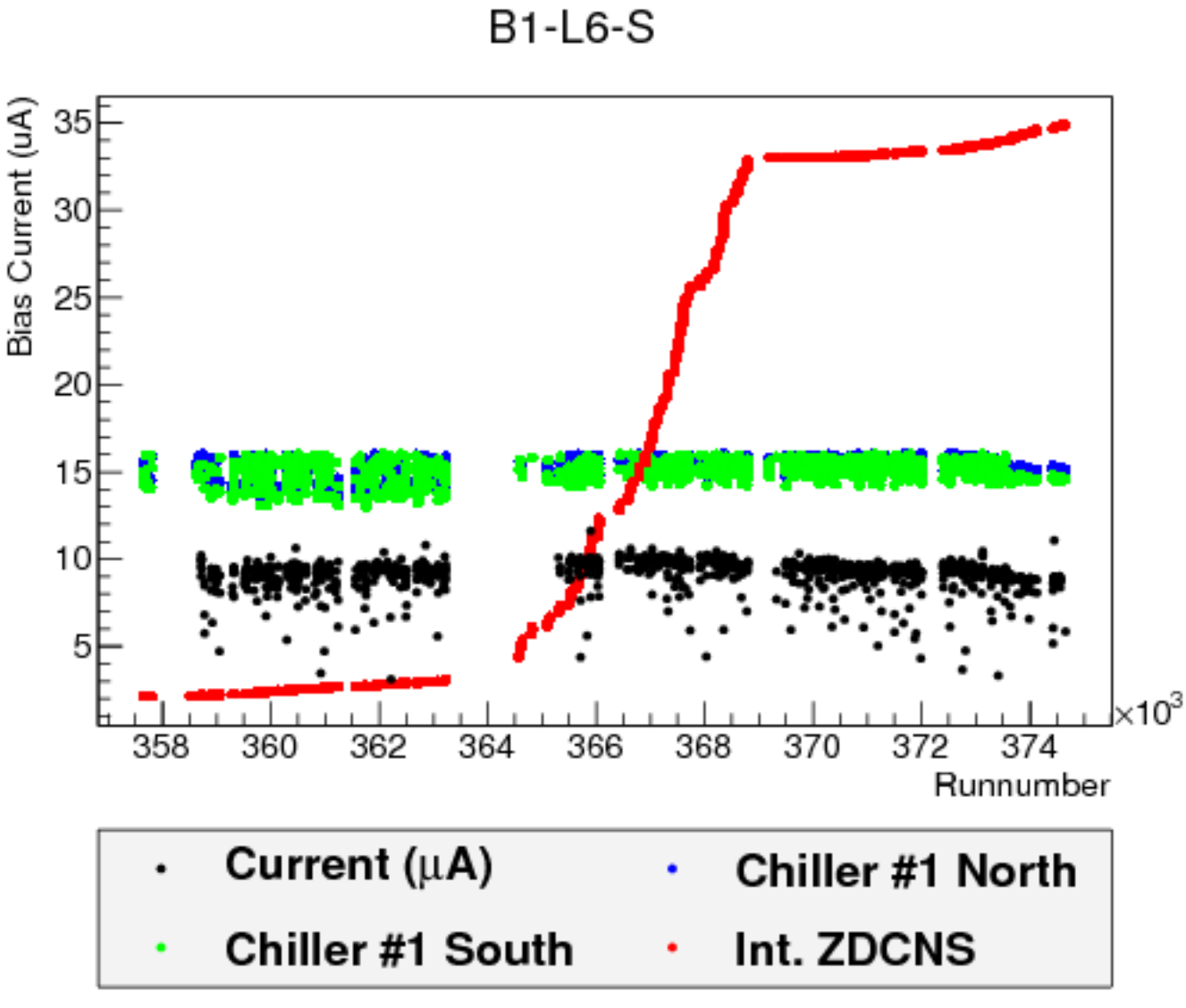

B1-L4-N
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

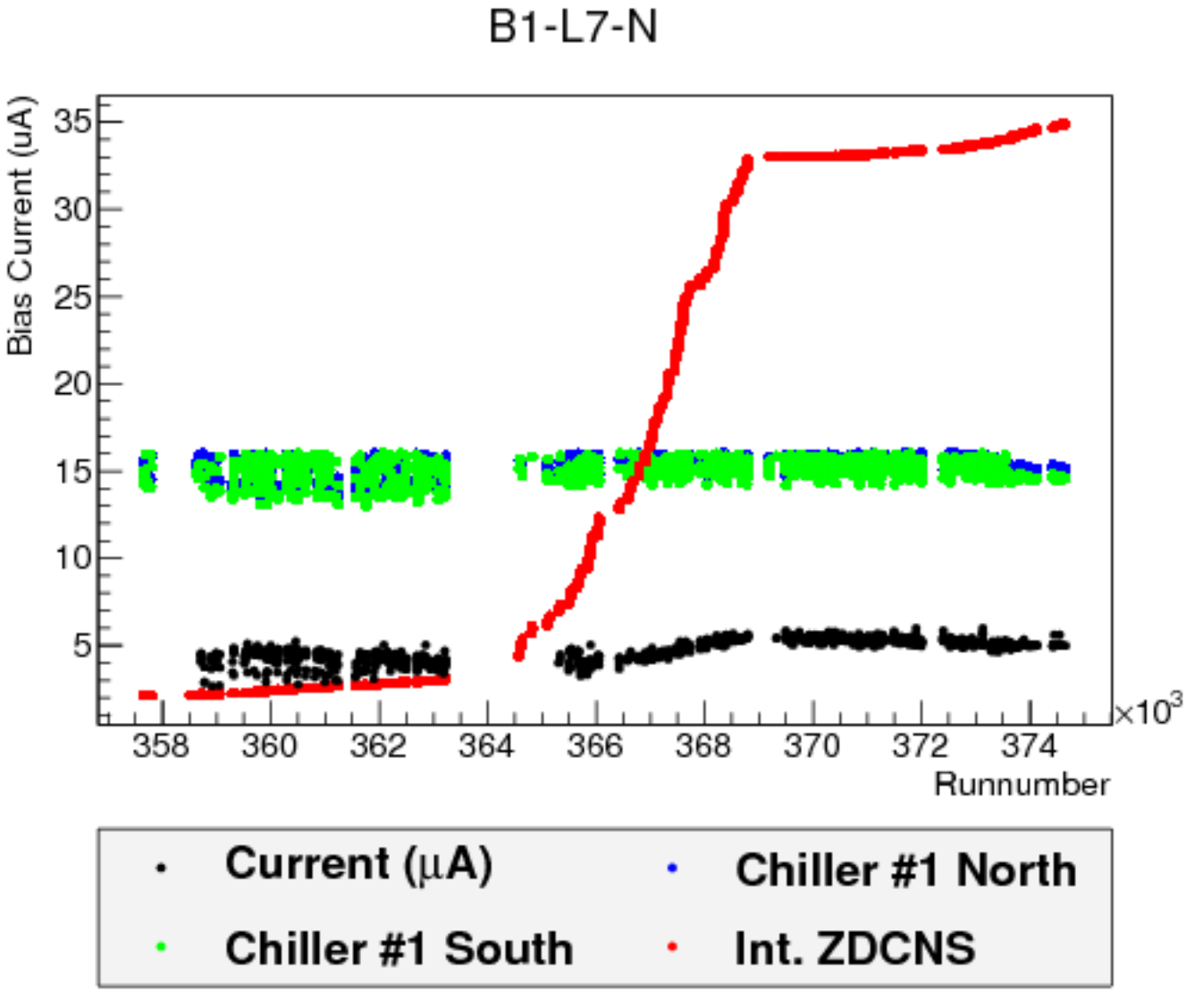

B1-L4-S
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

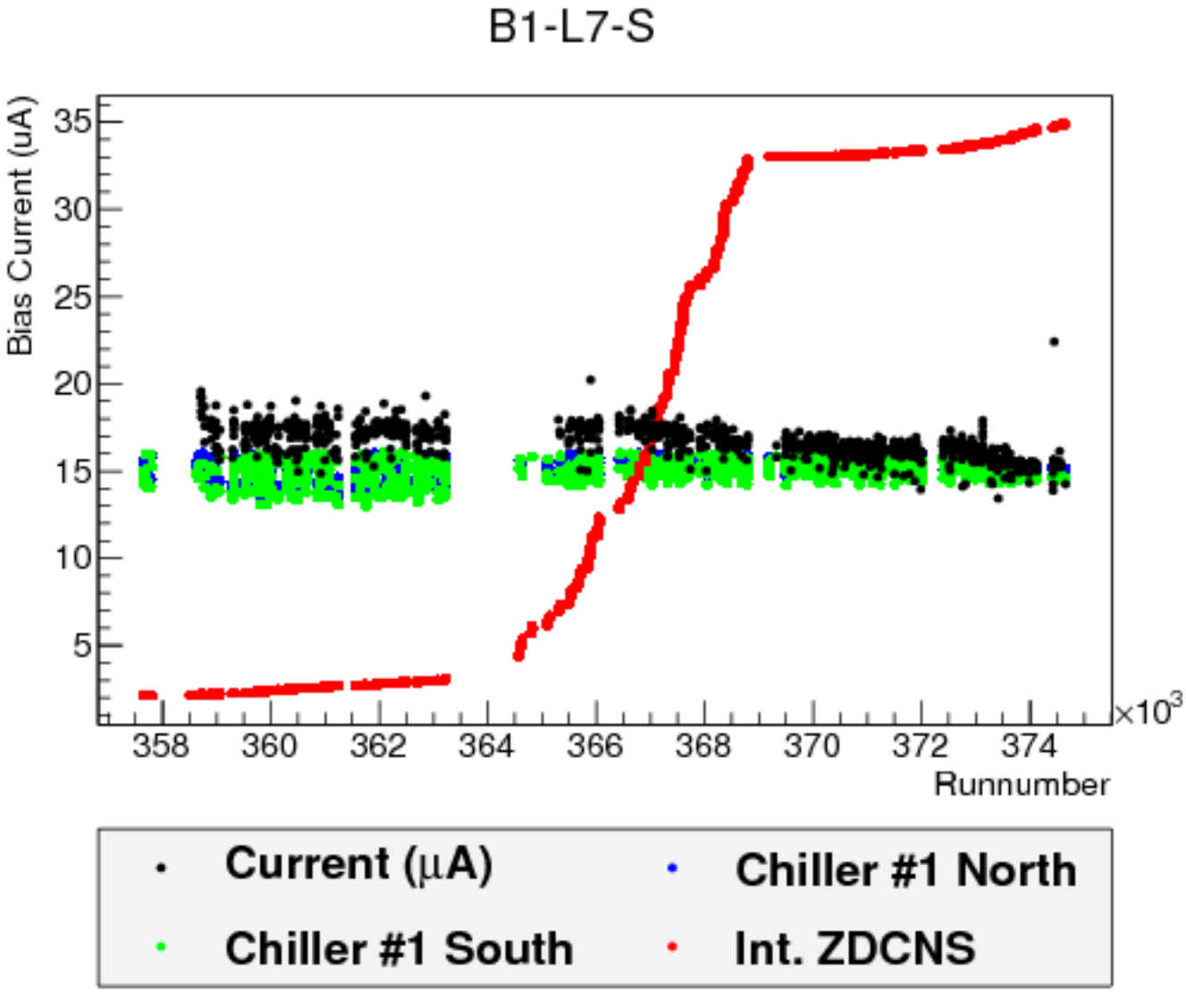

B1-L5-N
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

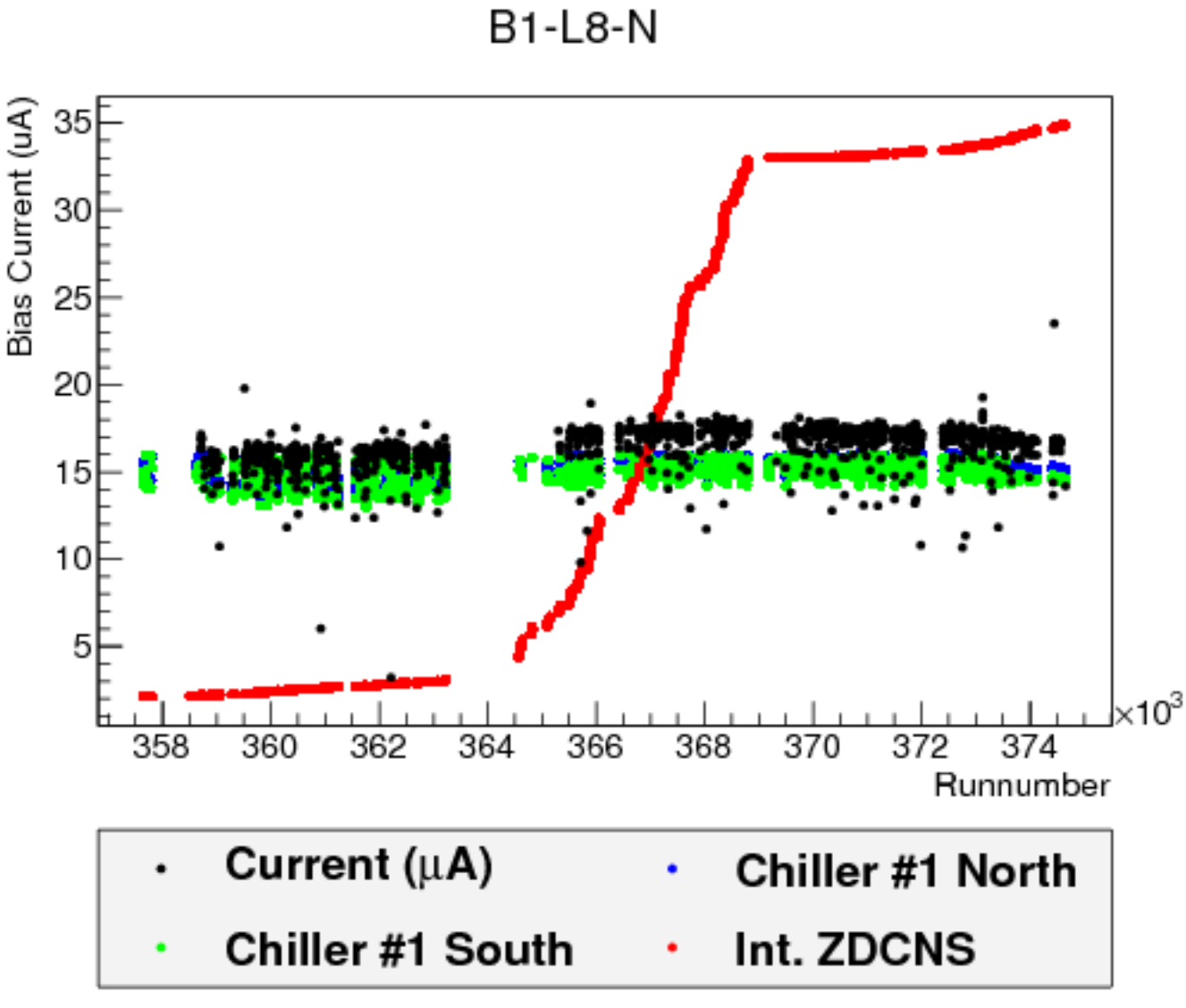

B1-L5-S
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

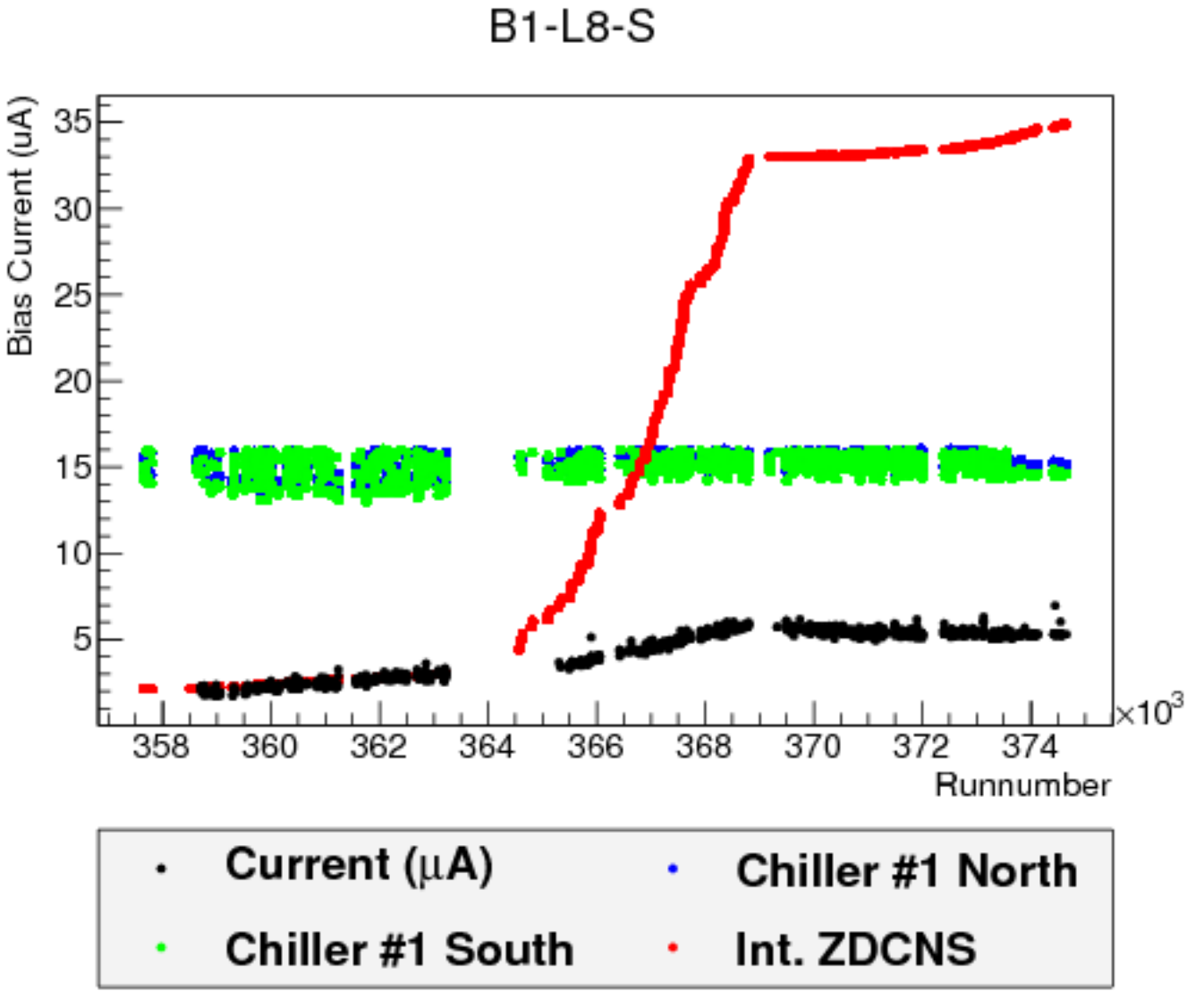

B1-L6-N
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

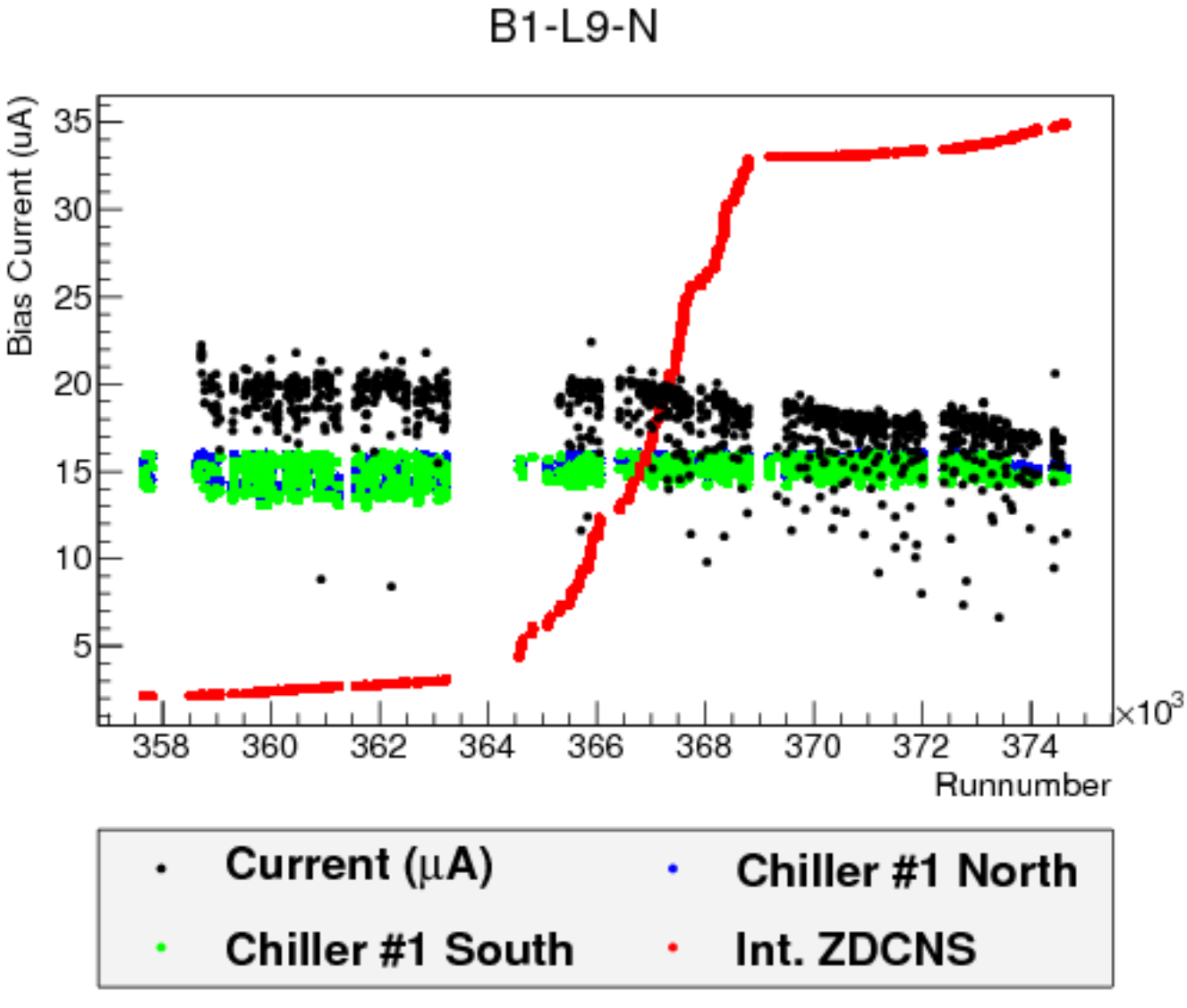

B1-L6-S
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

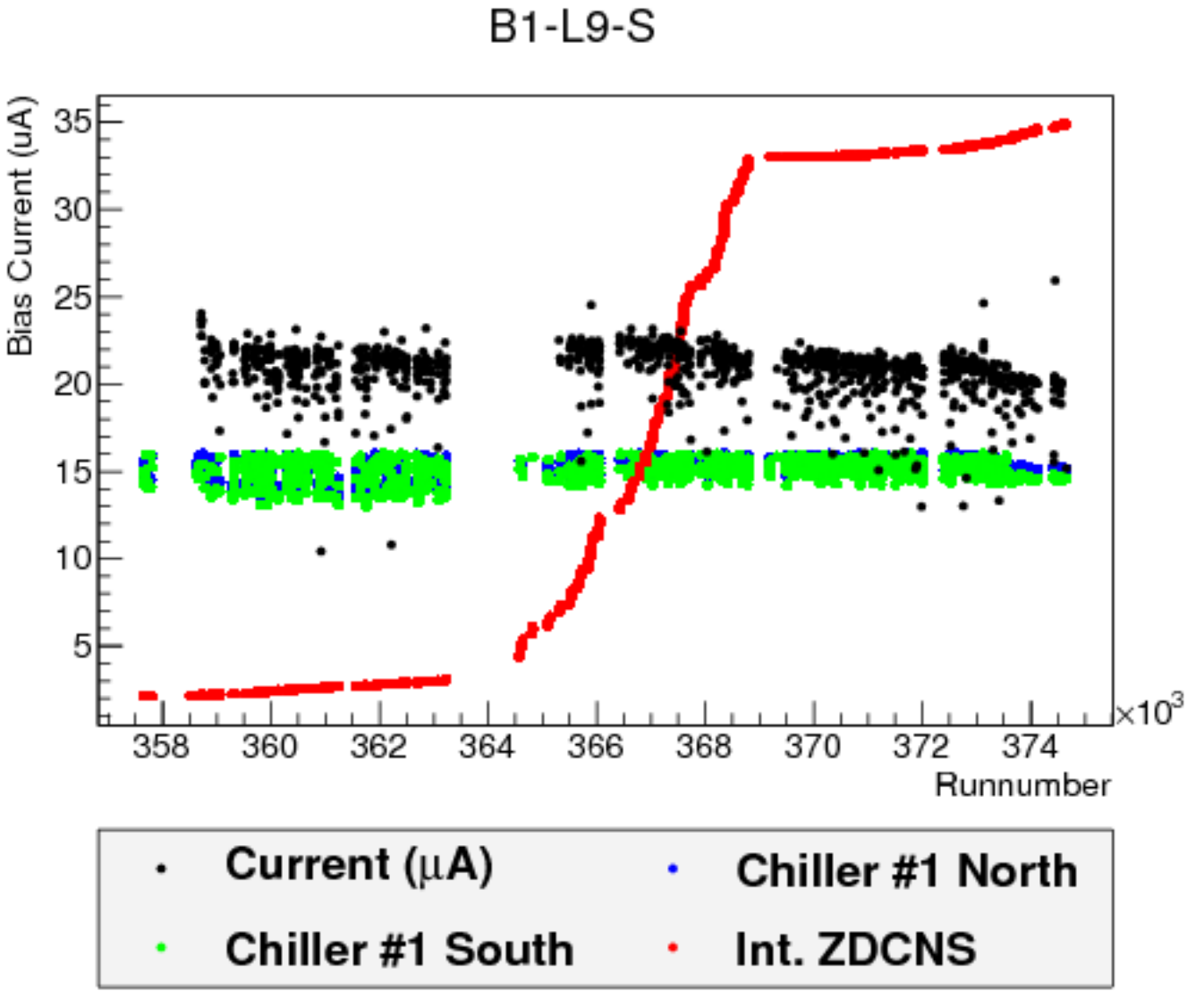

B1-L7-N
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

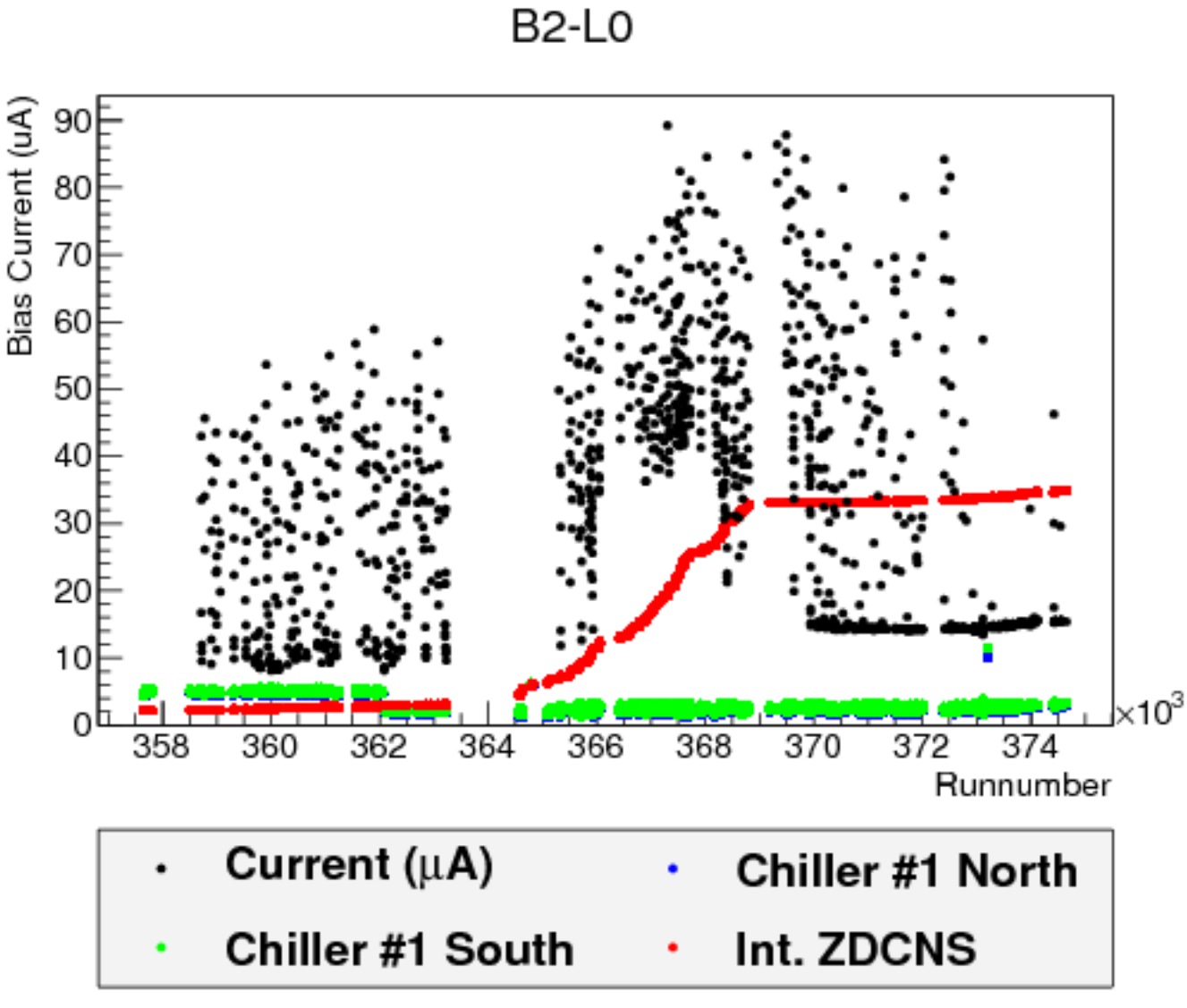

B1-L7-S
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

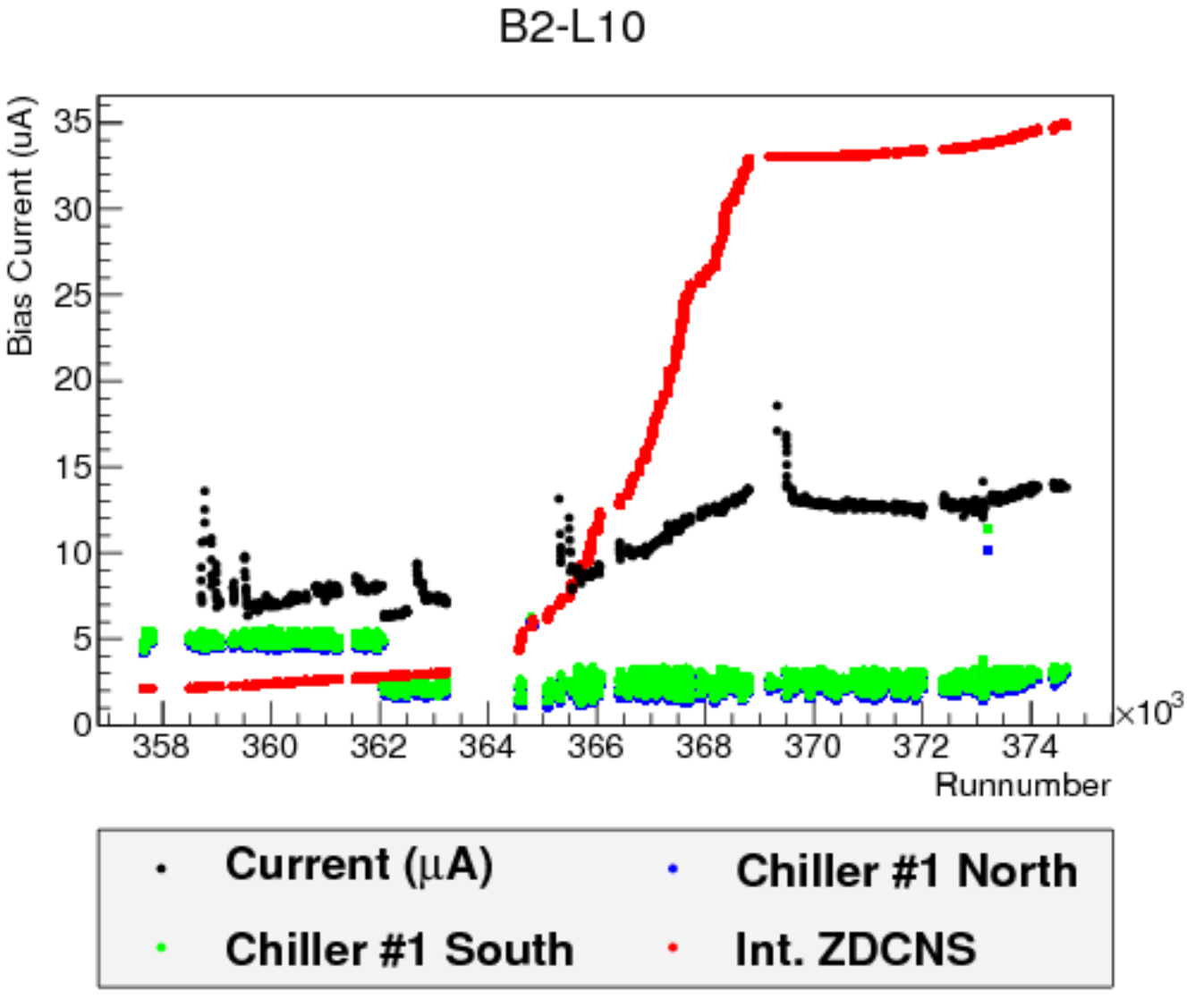

B1-L8-N
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

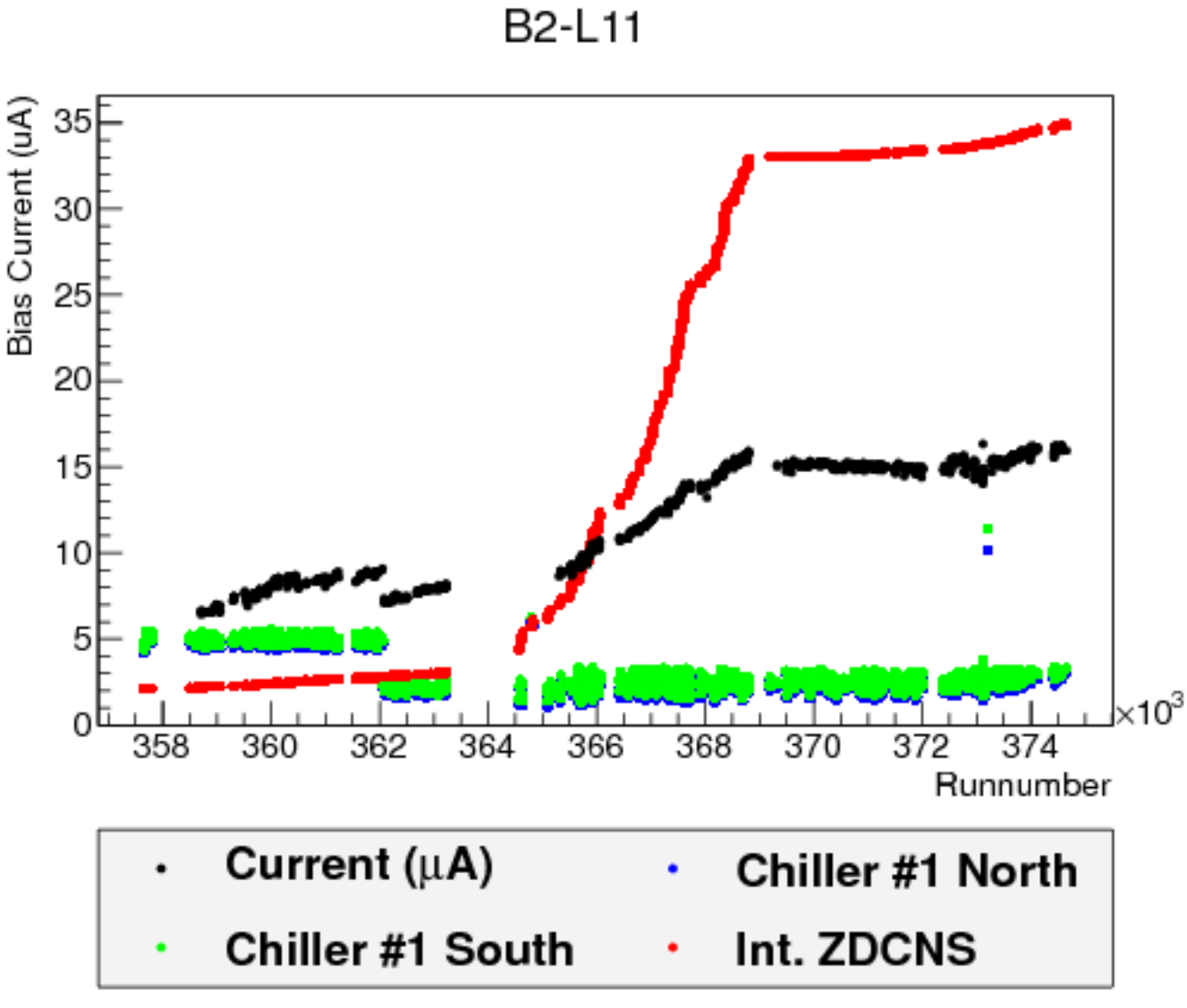

B1-L8-S
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

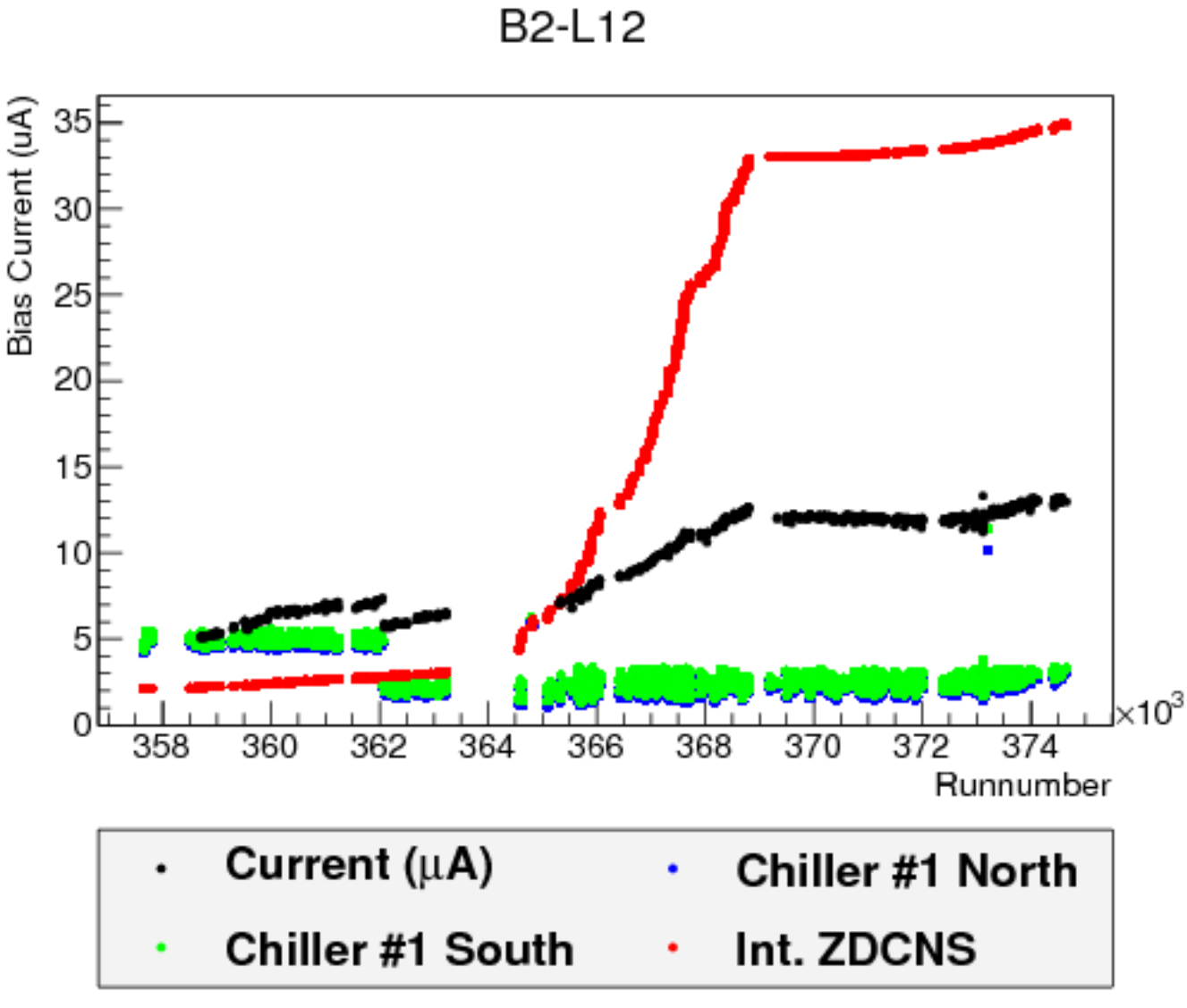

B1-L9-N
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

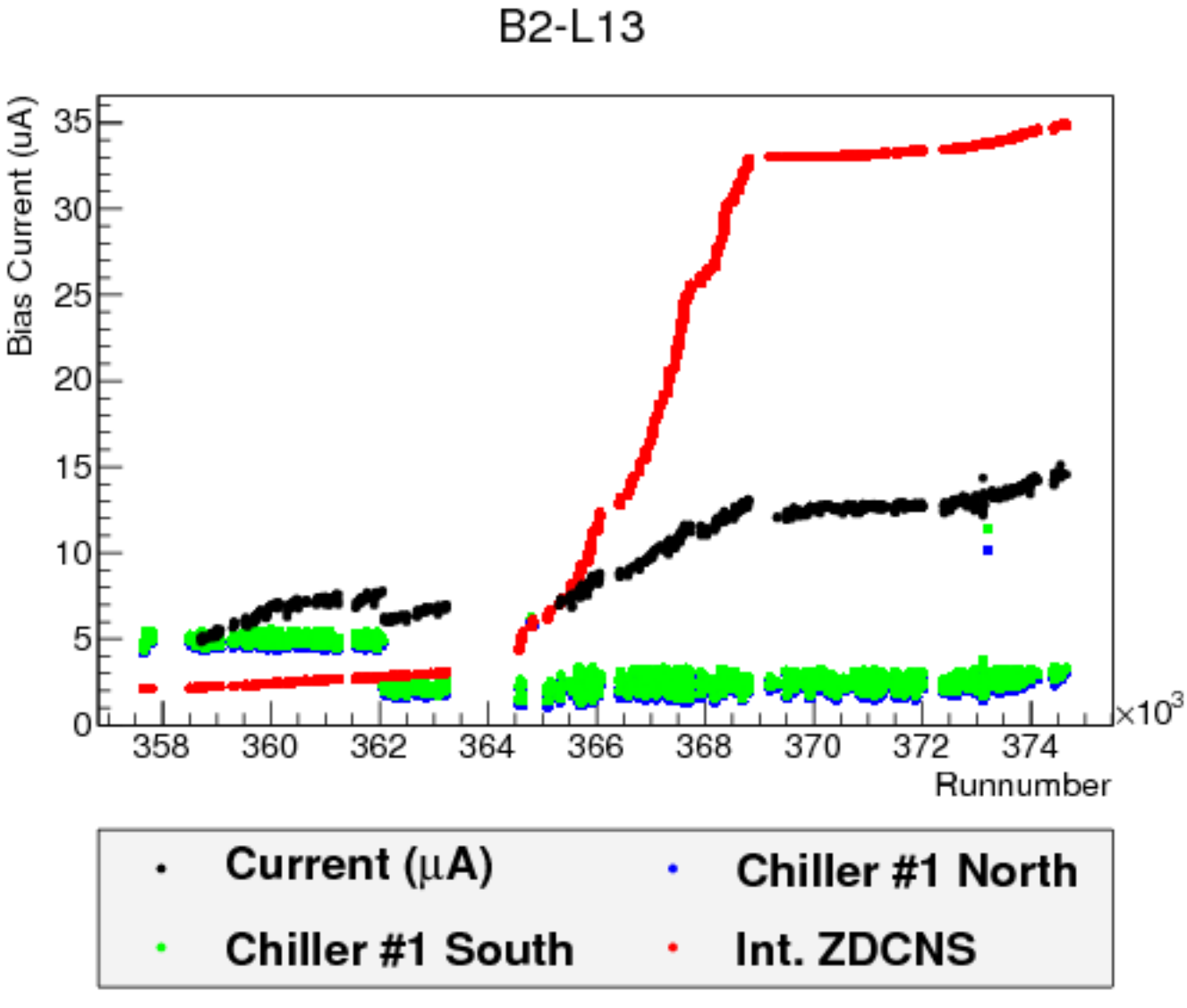

B1-L9-S
Bias Current (uA)
35
30
25
20
15
10
5
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

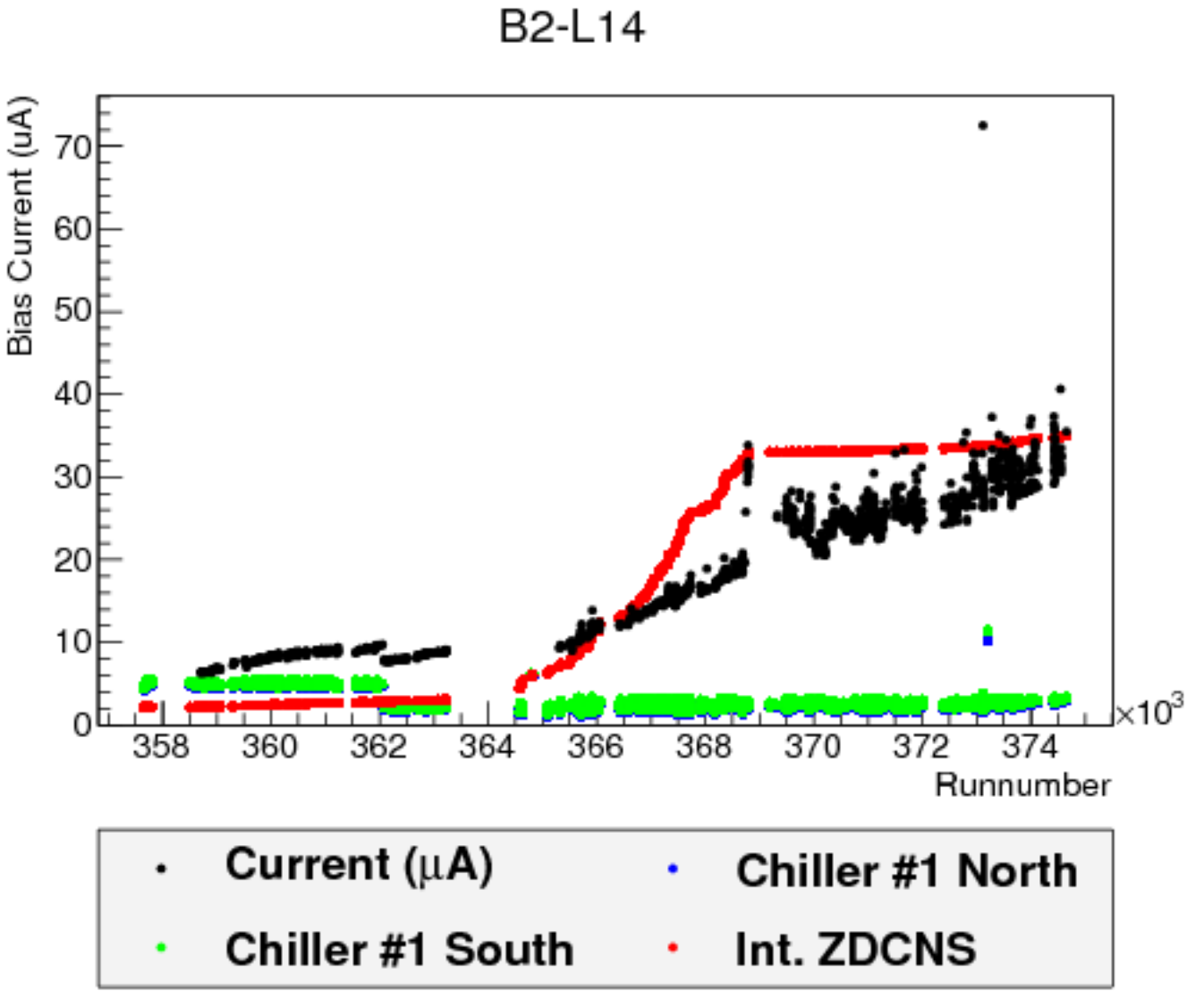

B2-L0
Bias Current (uA)
90
80
70
60
50
40
30
20
10
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

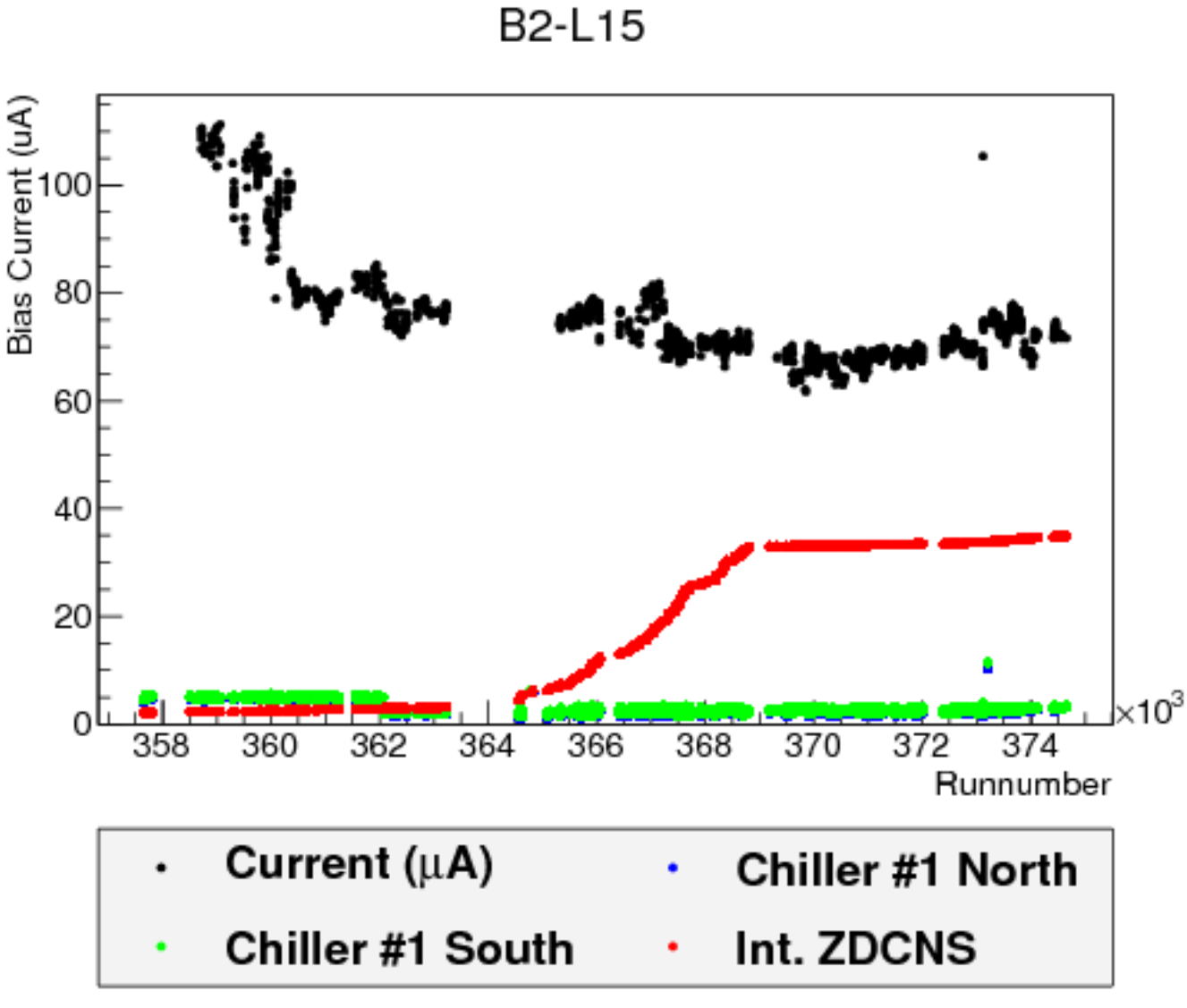

B2-L10
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

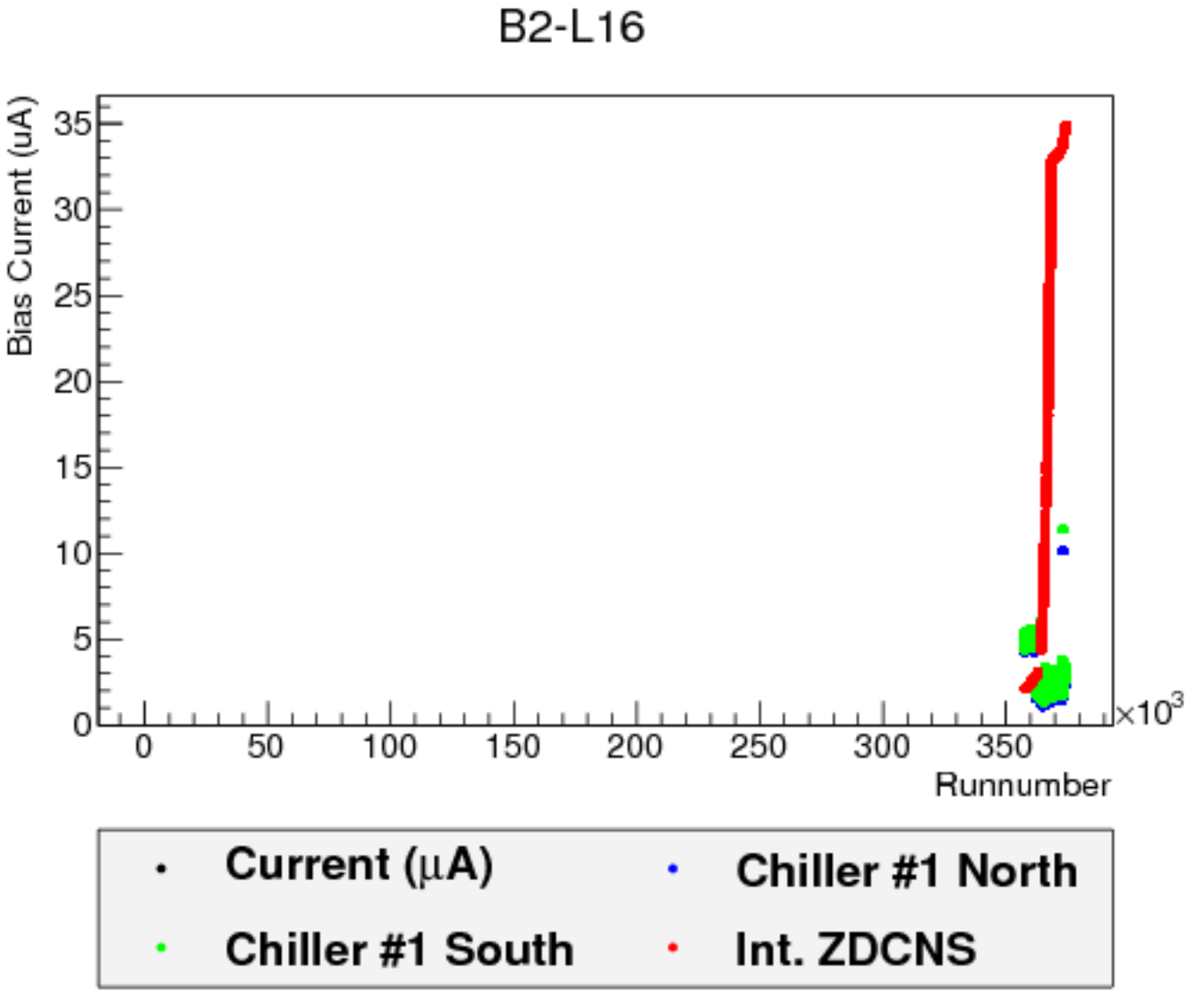

B2-L11
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

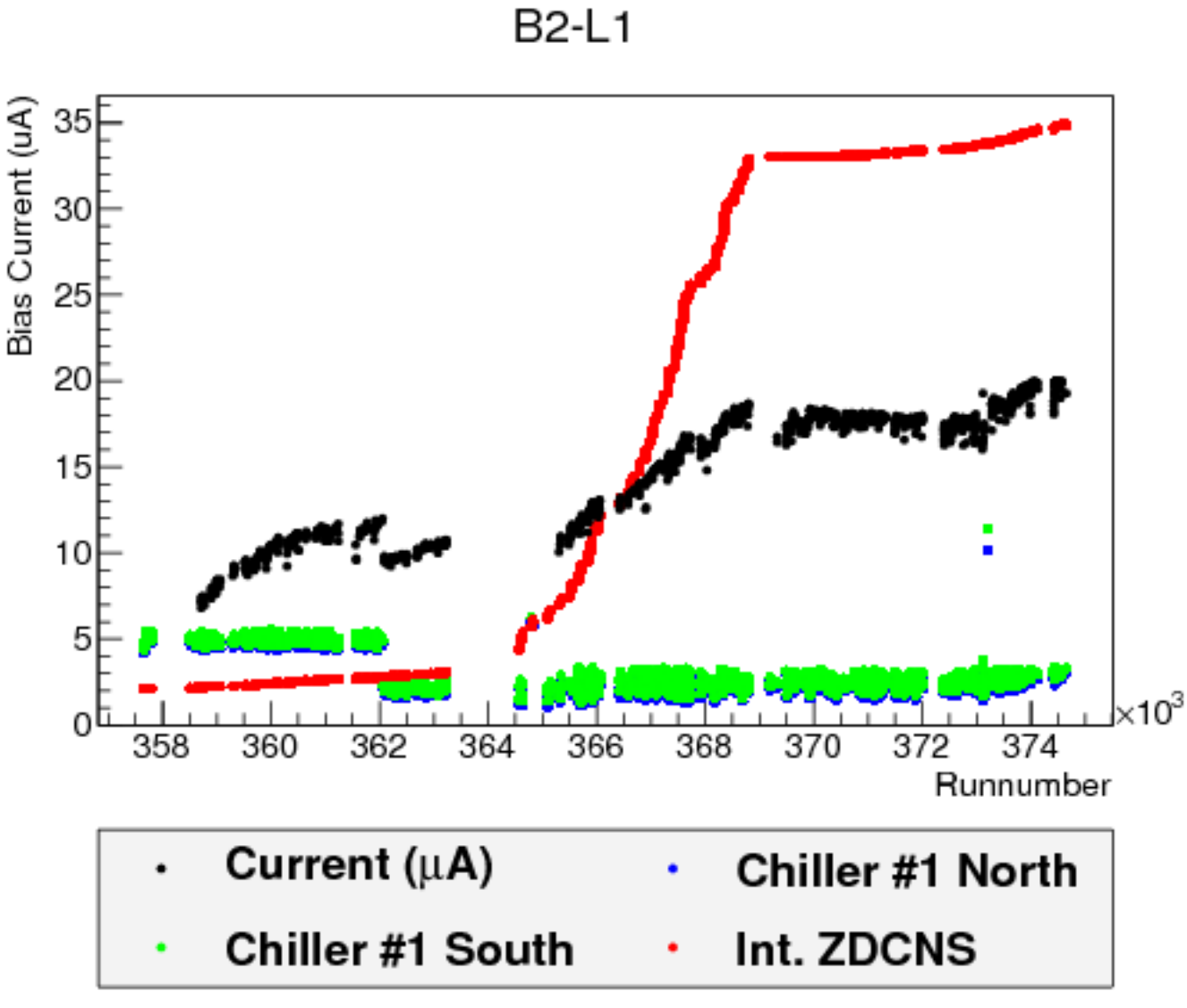

B2-L12
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

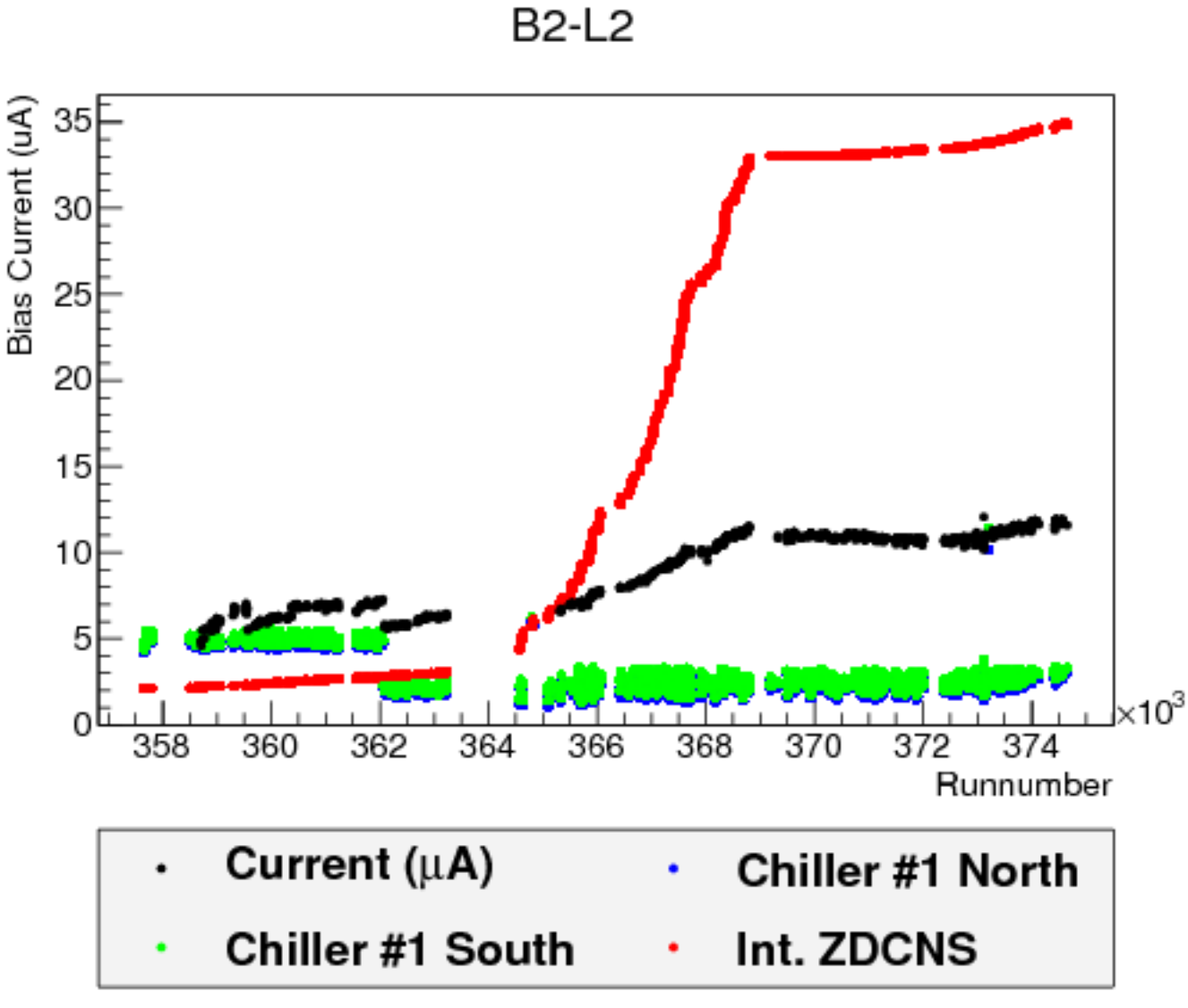

B2-L13
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

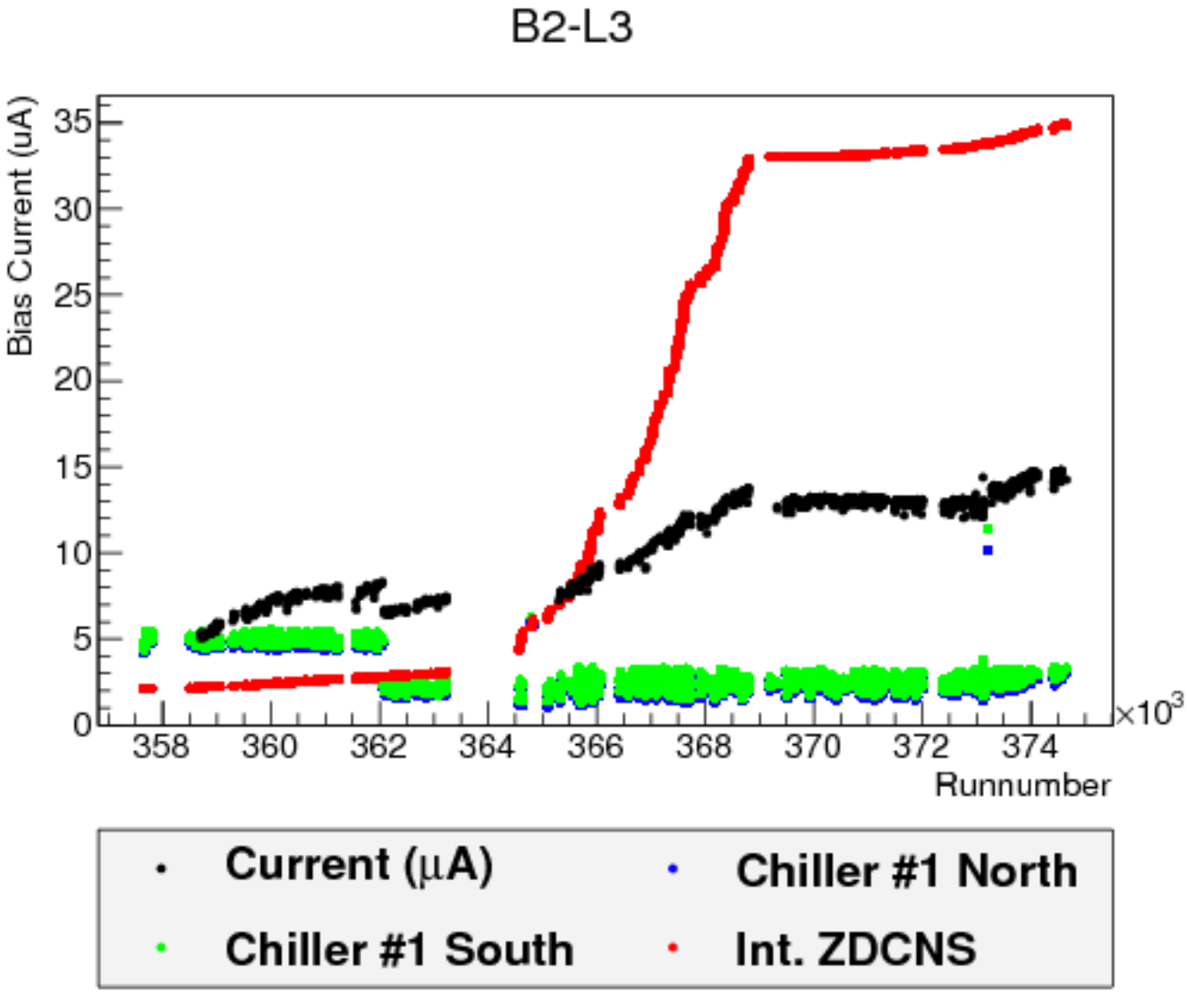

B2-L14
Bias Current (uA)
0
10
20
30
40
50
60
70
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

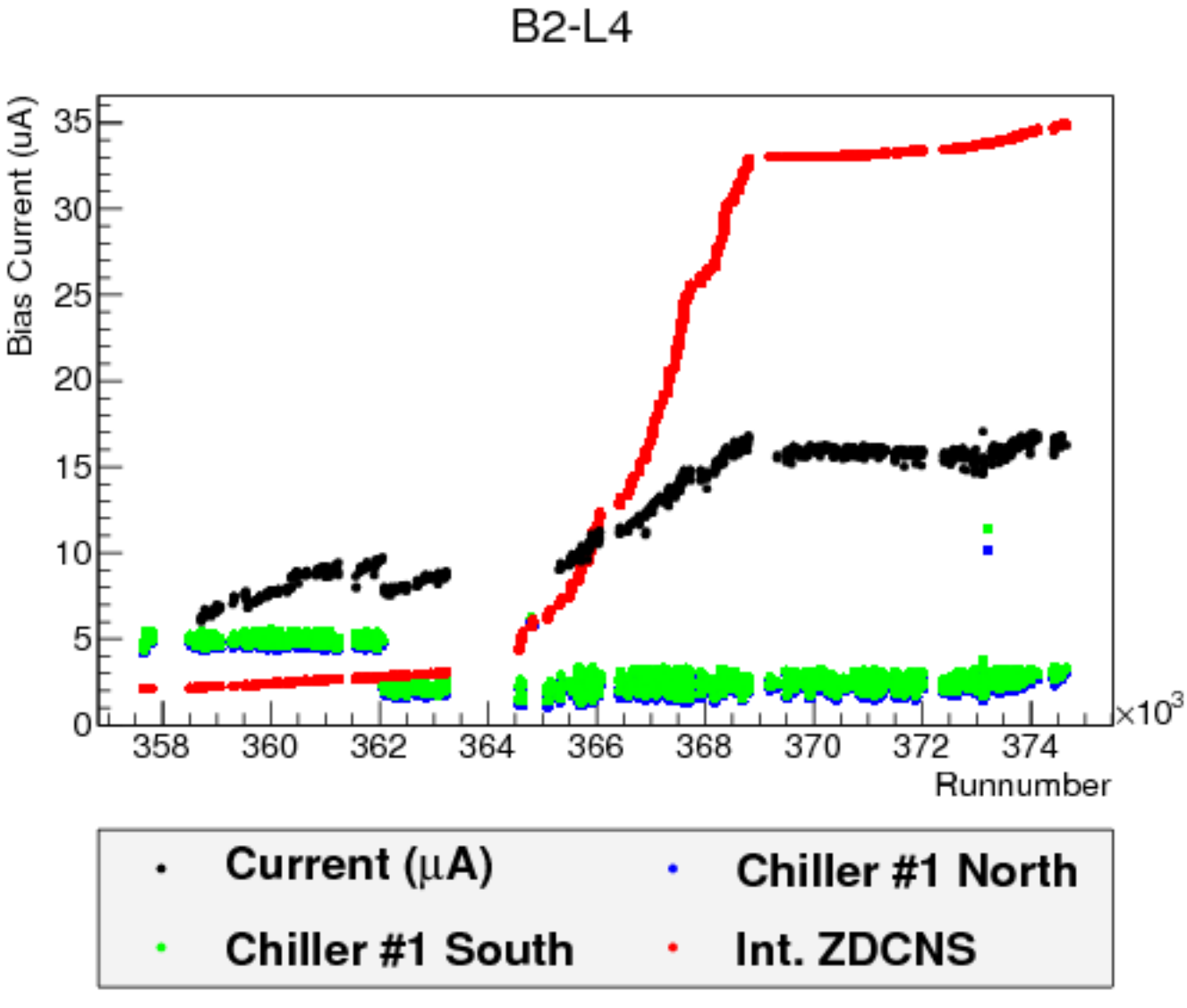

B2-L15
Bias Current (uA)
0
20
40
60
80
100
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

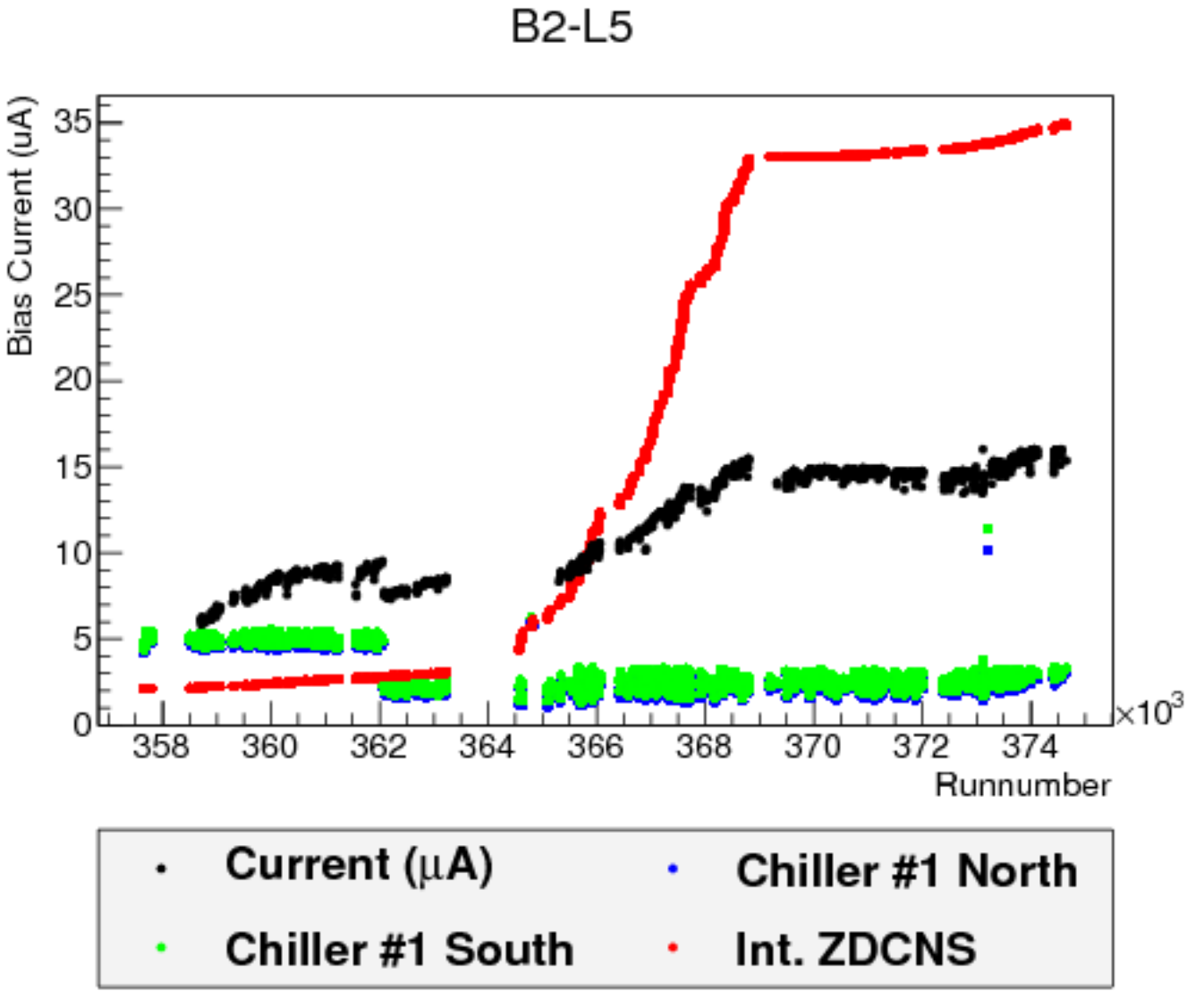

B2-L16
Bias Current (uA)
35
30
25
20
15
10
5
0
0
50
100
150
200
250
300
350
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

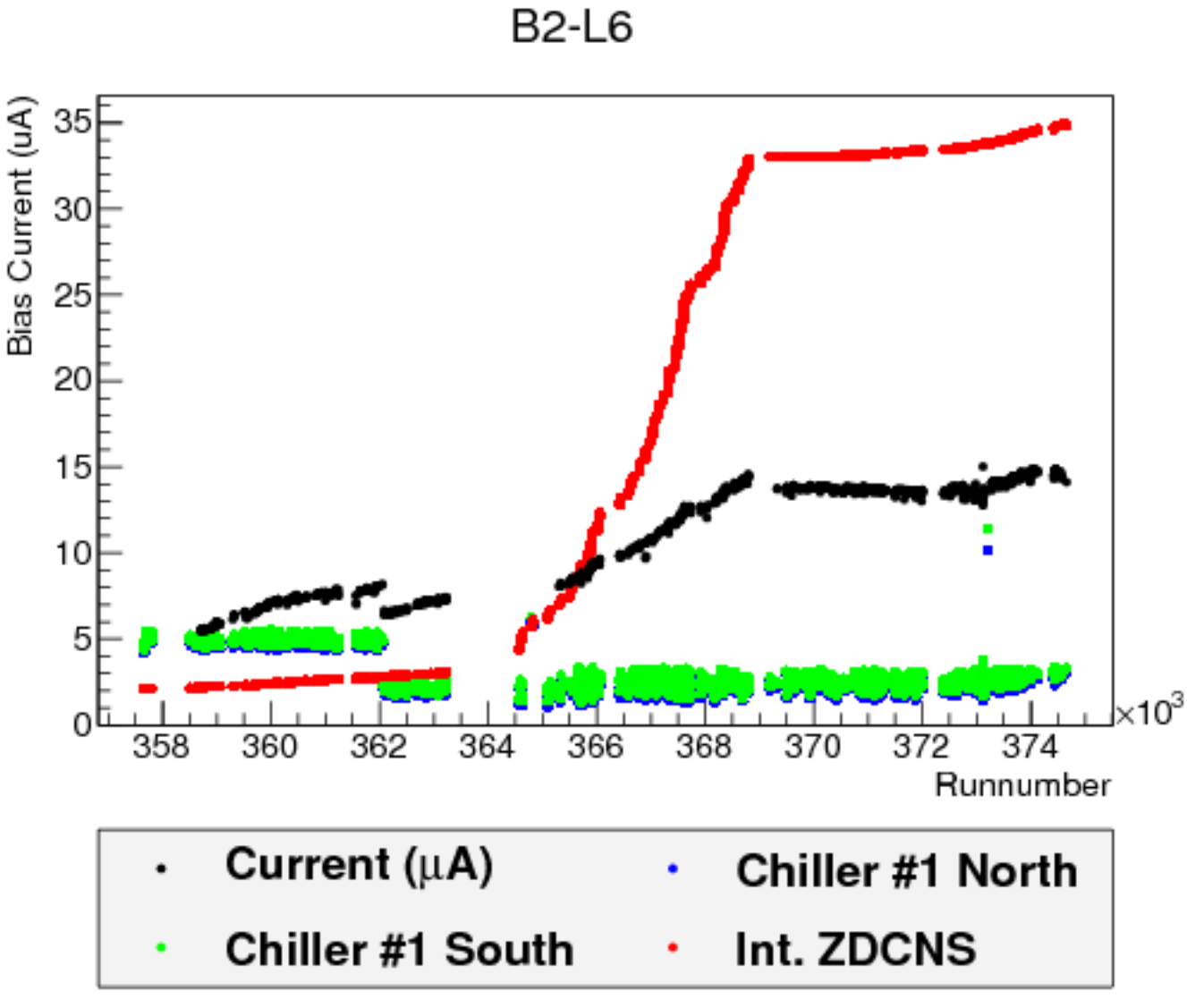

B2-L1
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

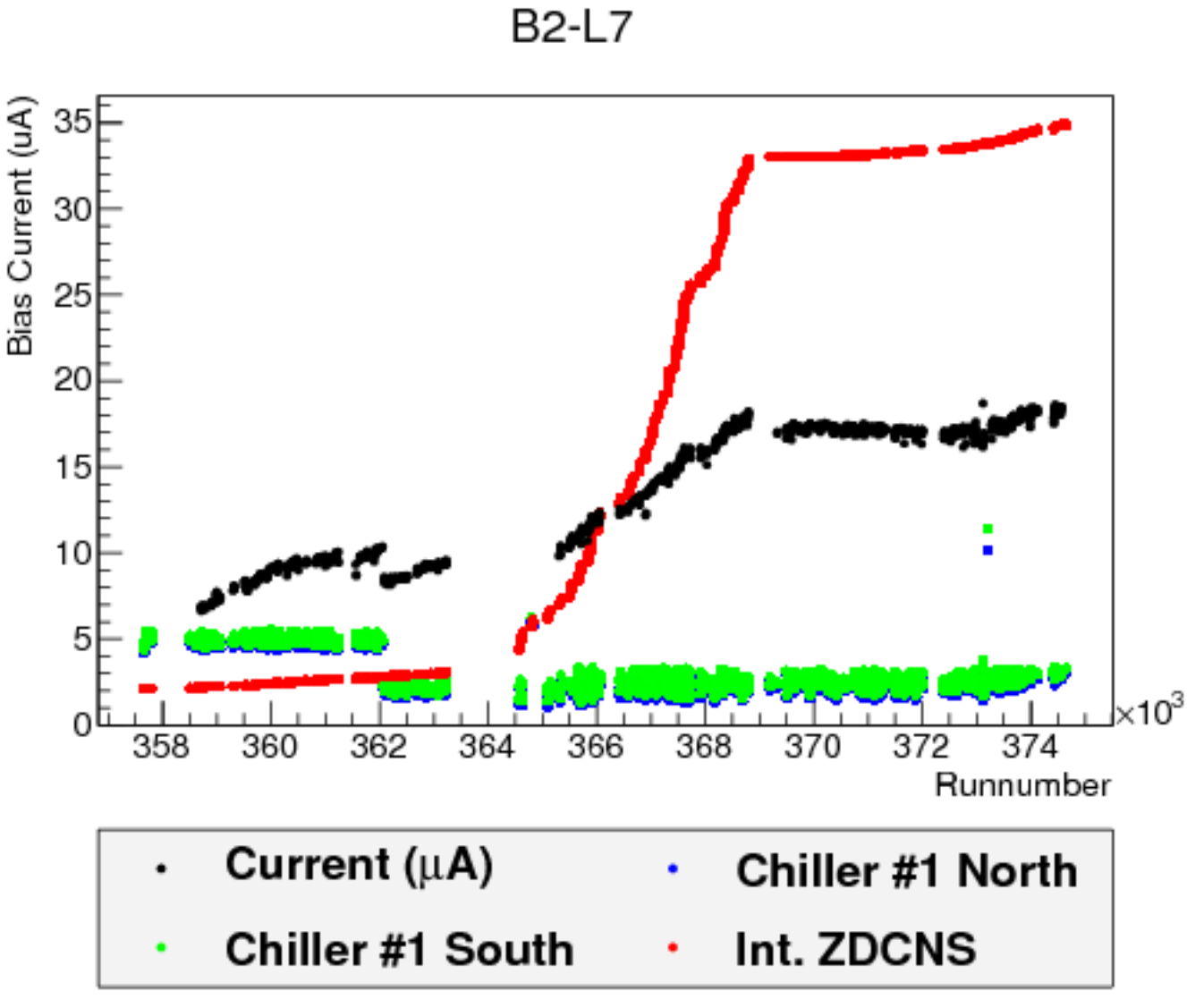

B2-L2
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

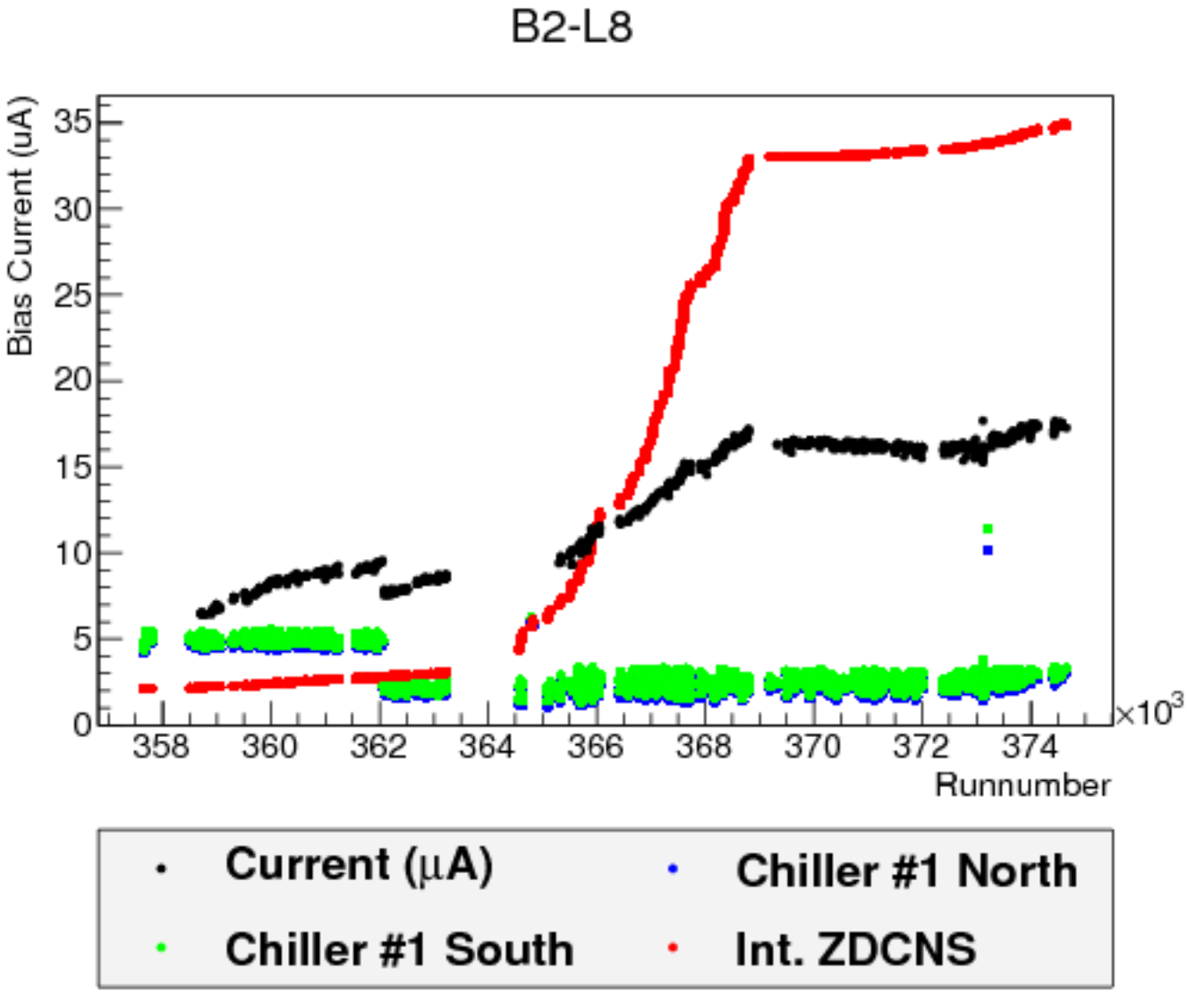

B2-L3
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

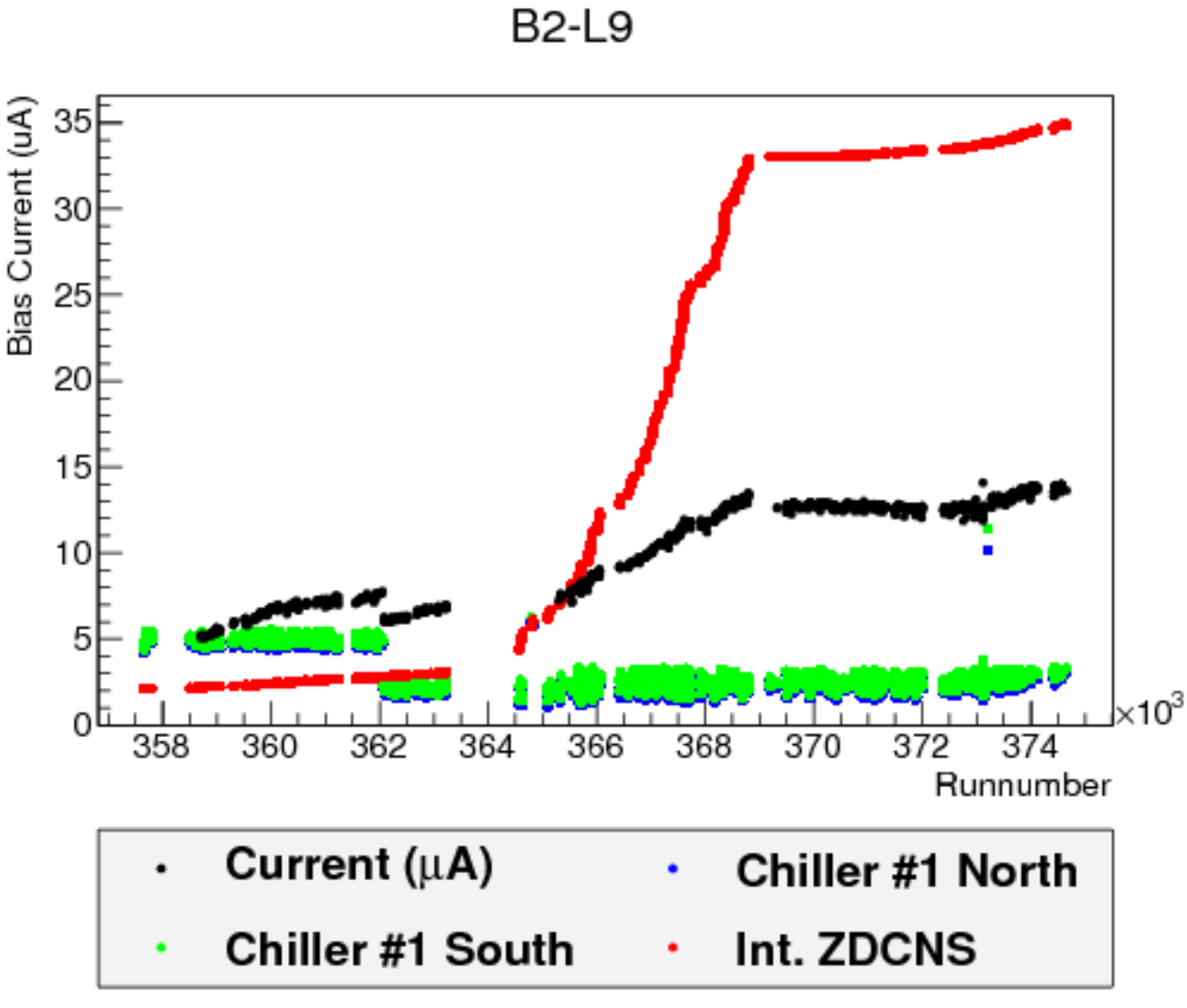

B2-L4
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

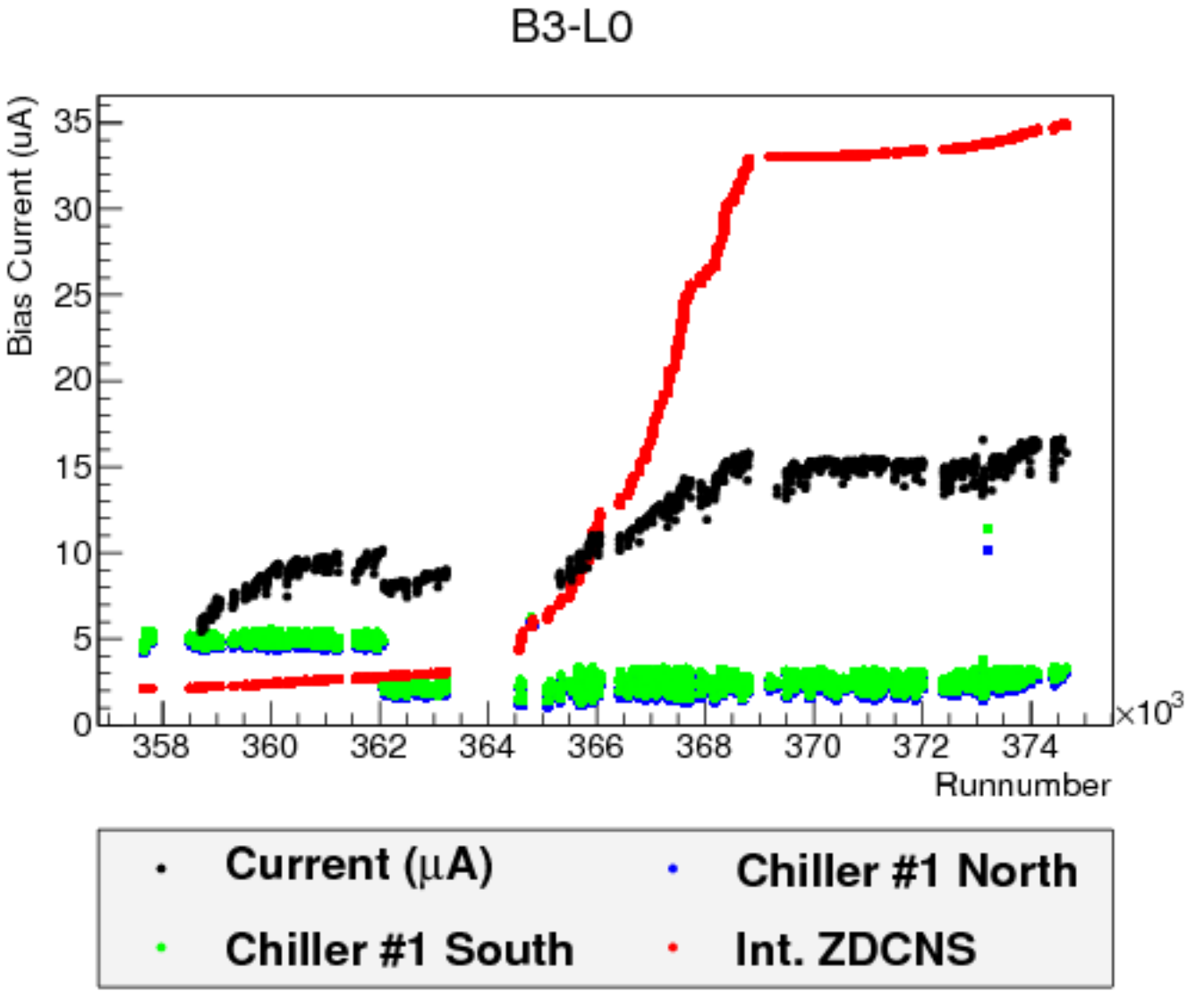

B2-L5
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

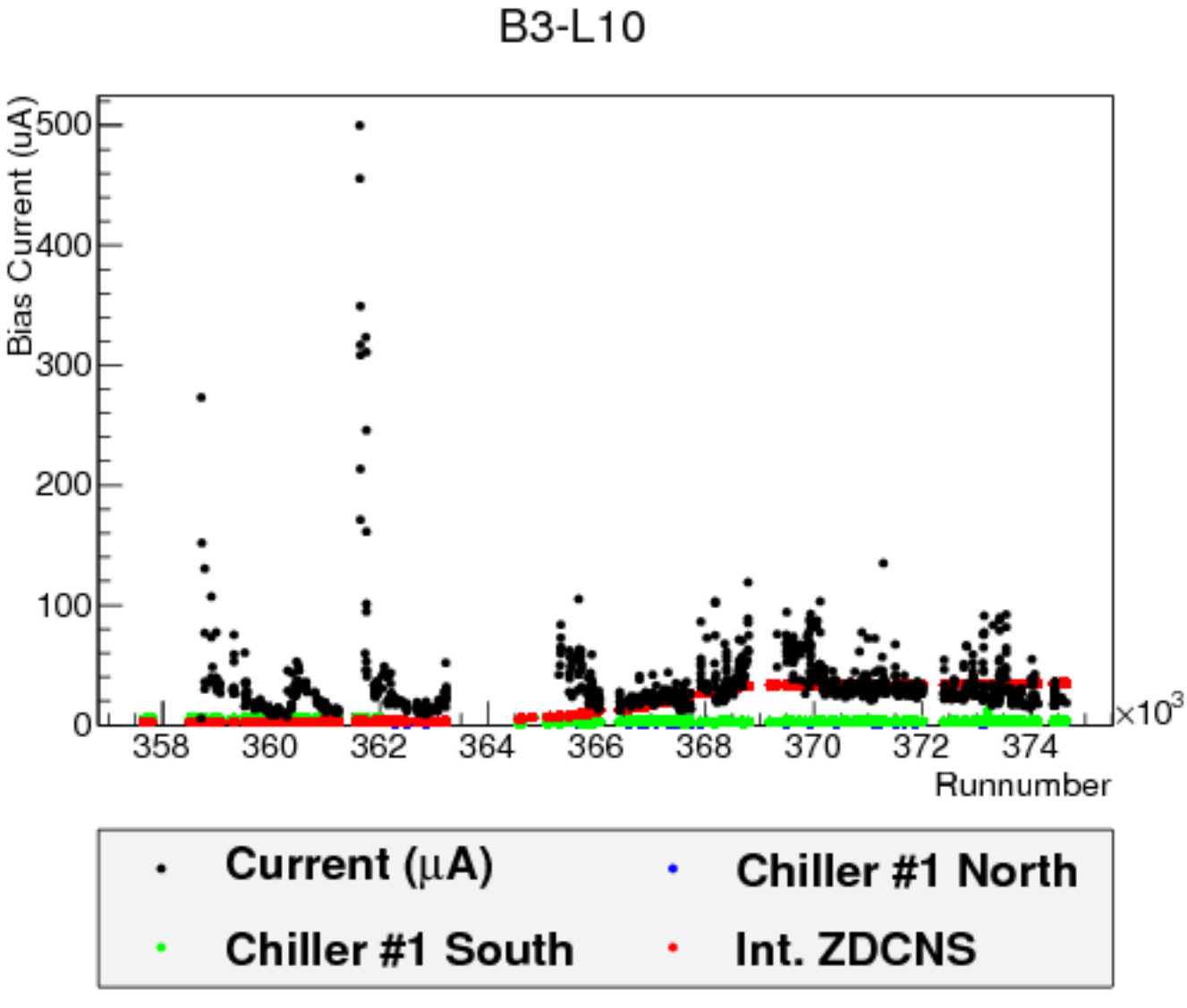

B2-L6
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

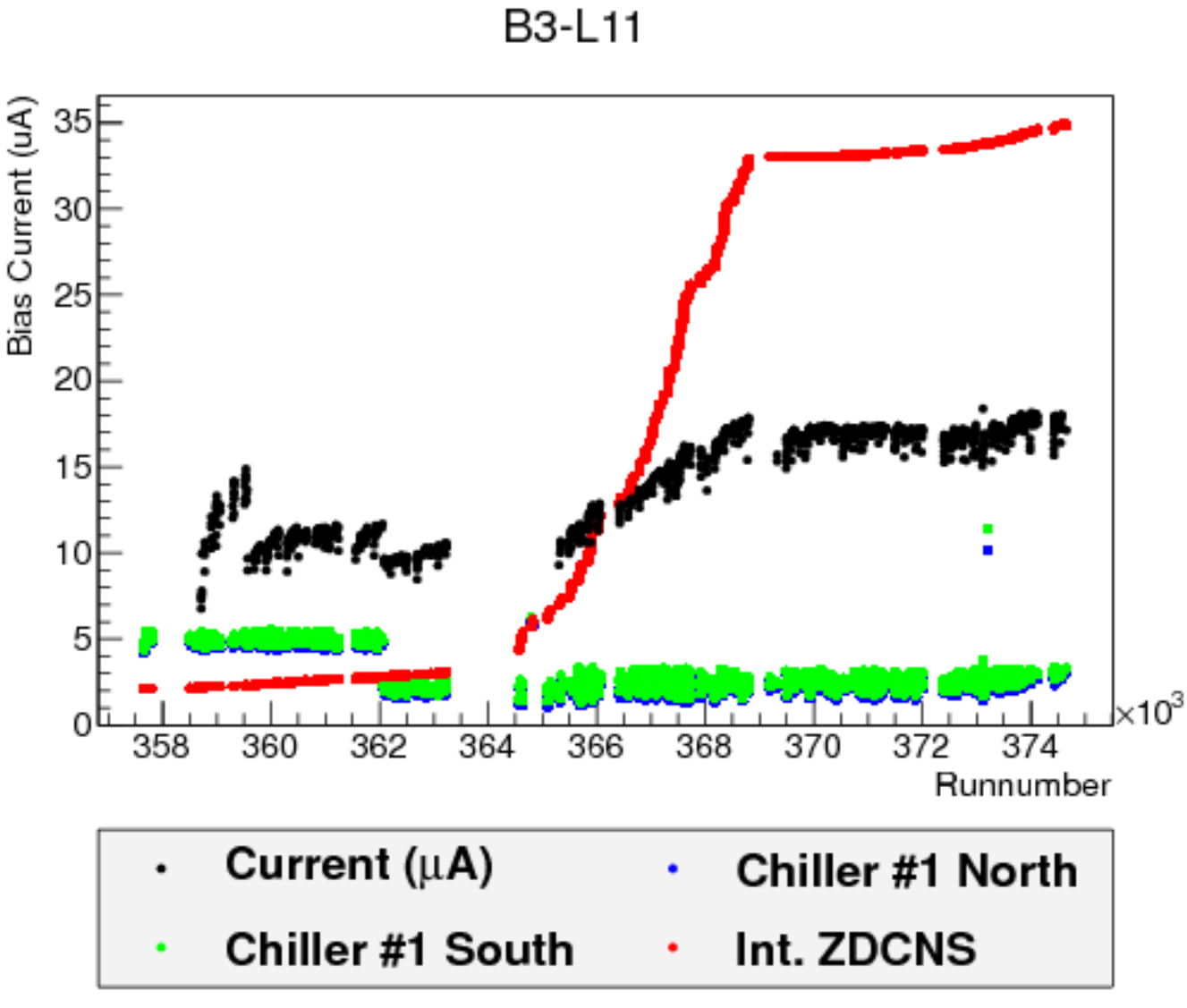

B2-L7
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

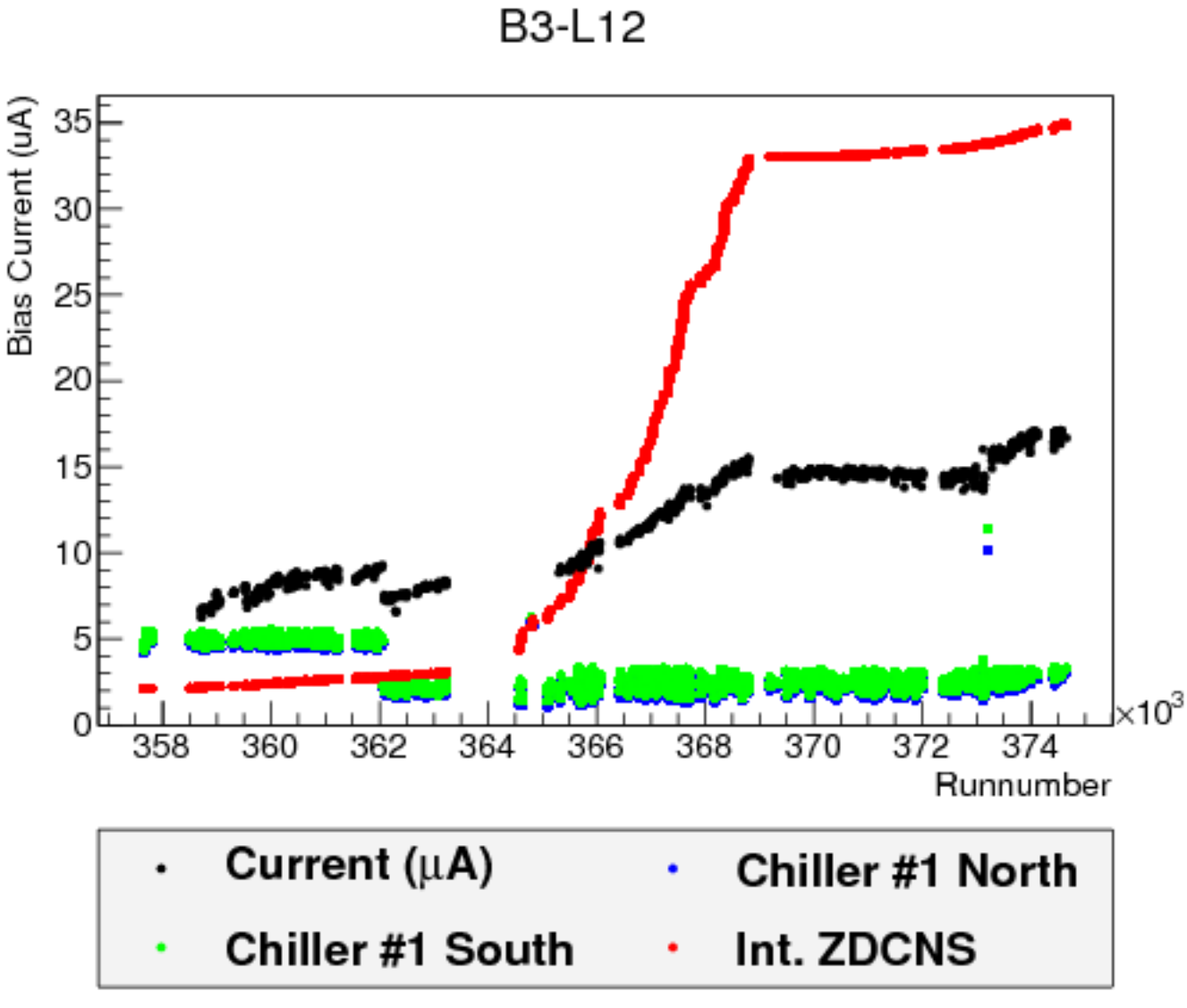

B2-L8
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

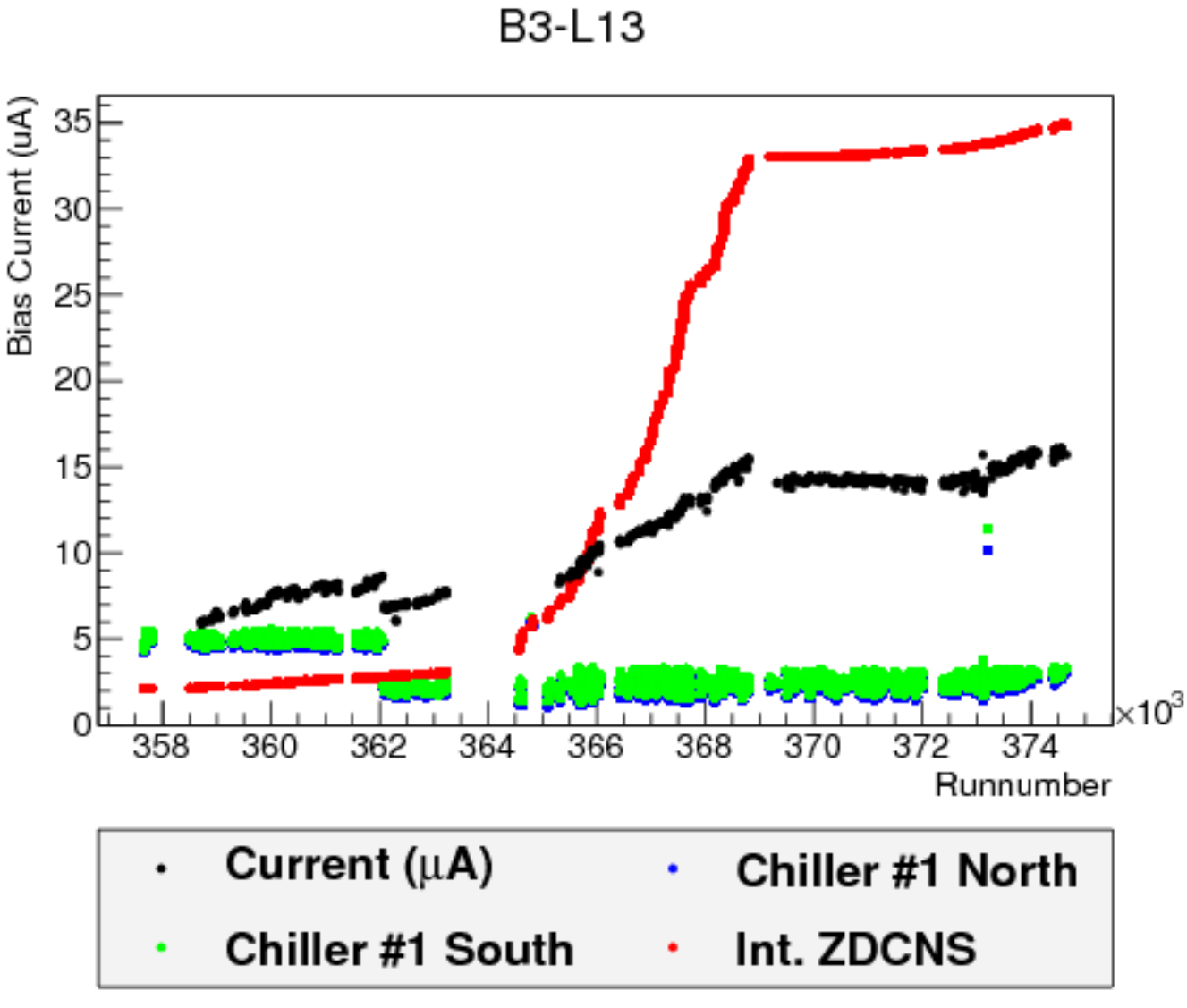

B2-L9
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

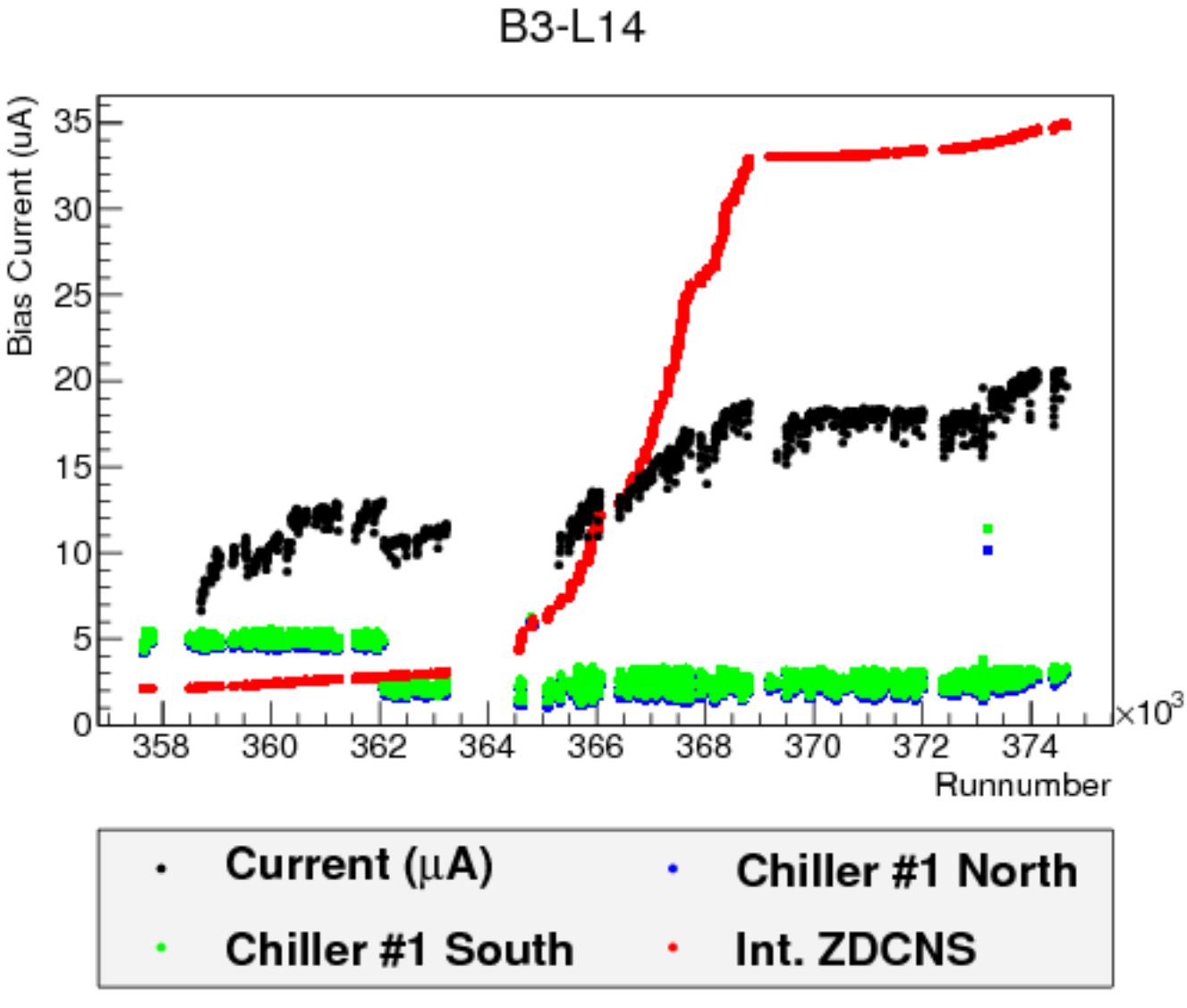

B3-L0
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

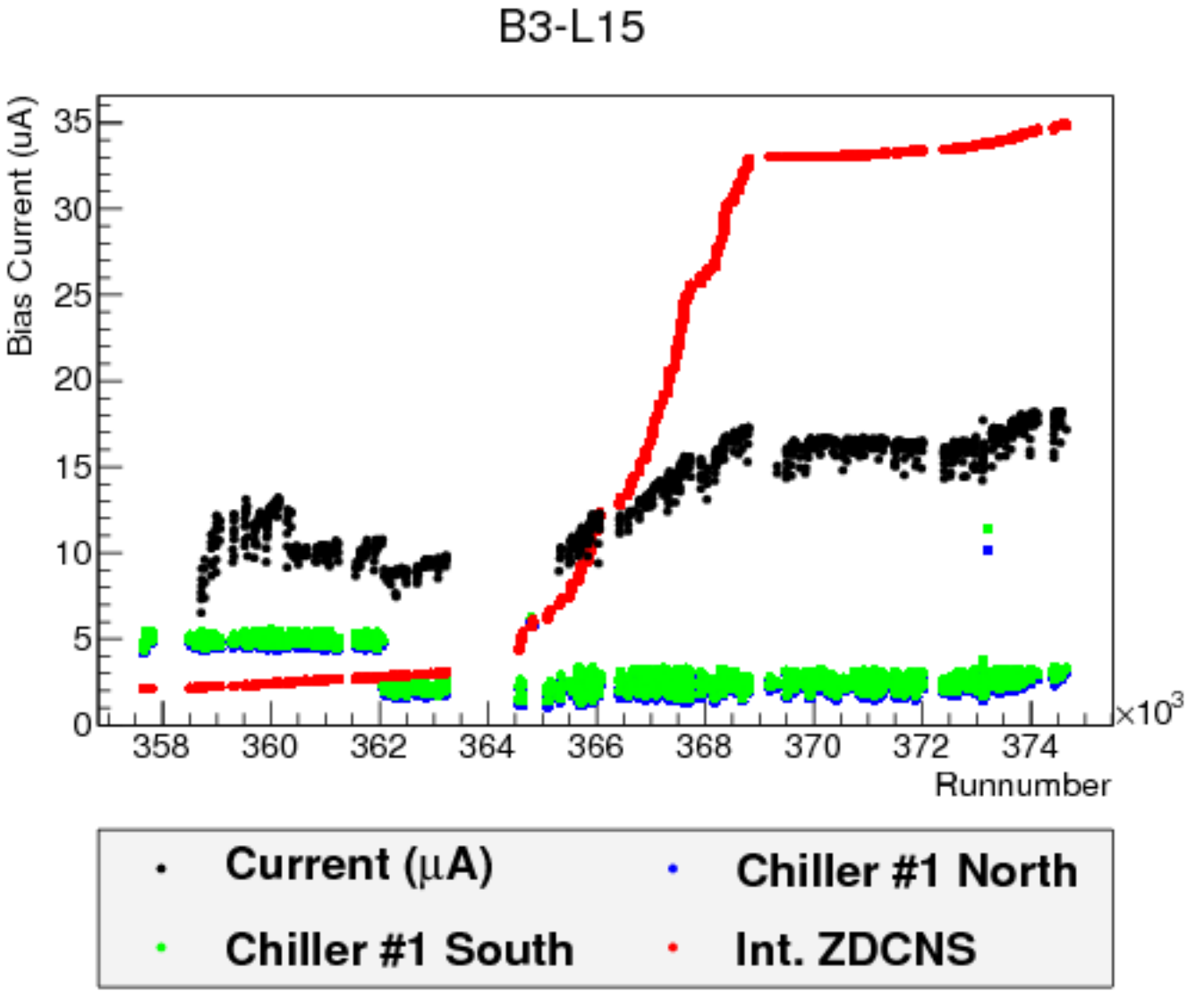

B3-L10
Bias Current (uA)
500
400
300
200
100
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

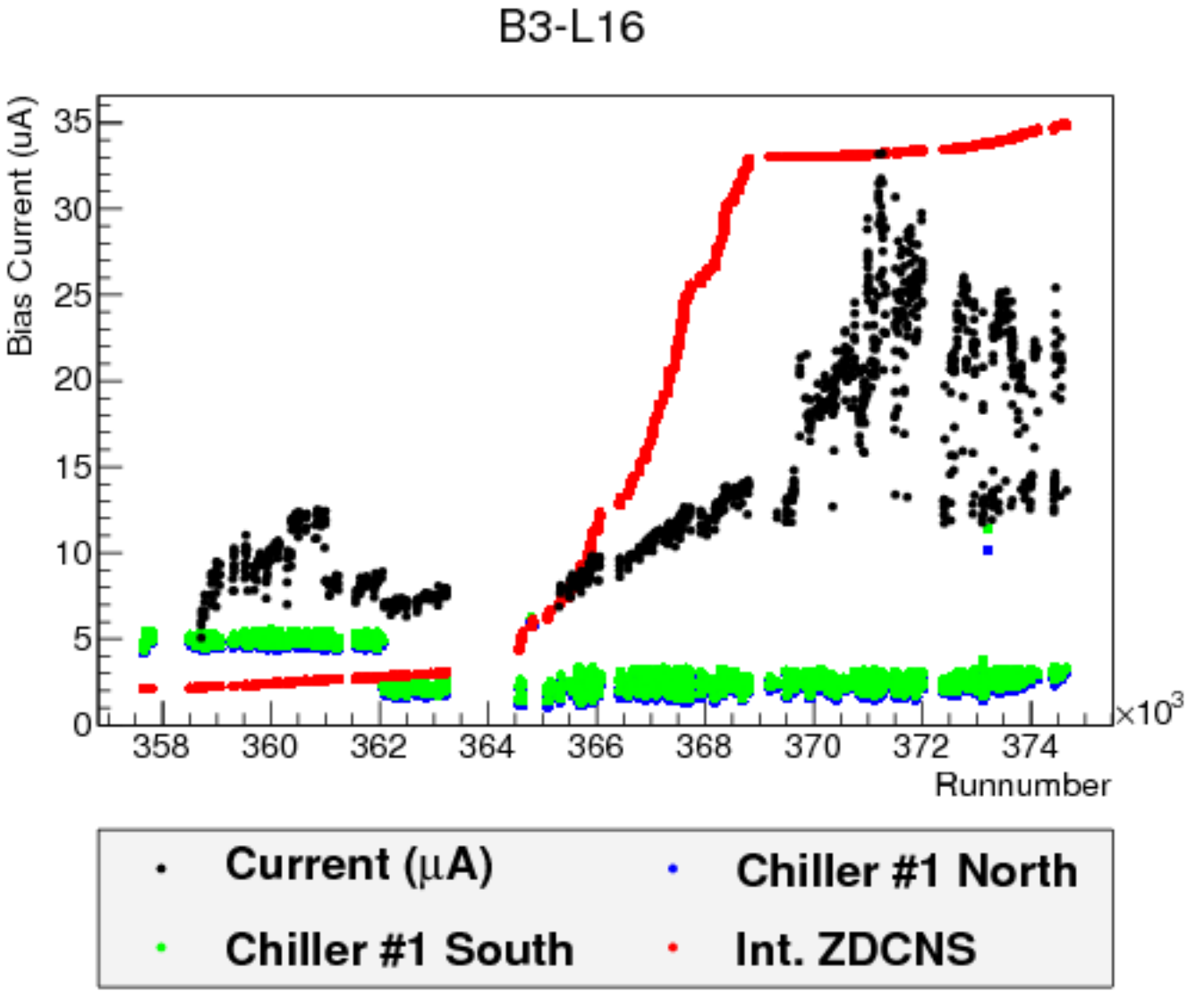

B3-L11
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

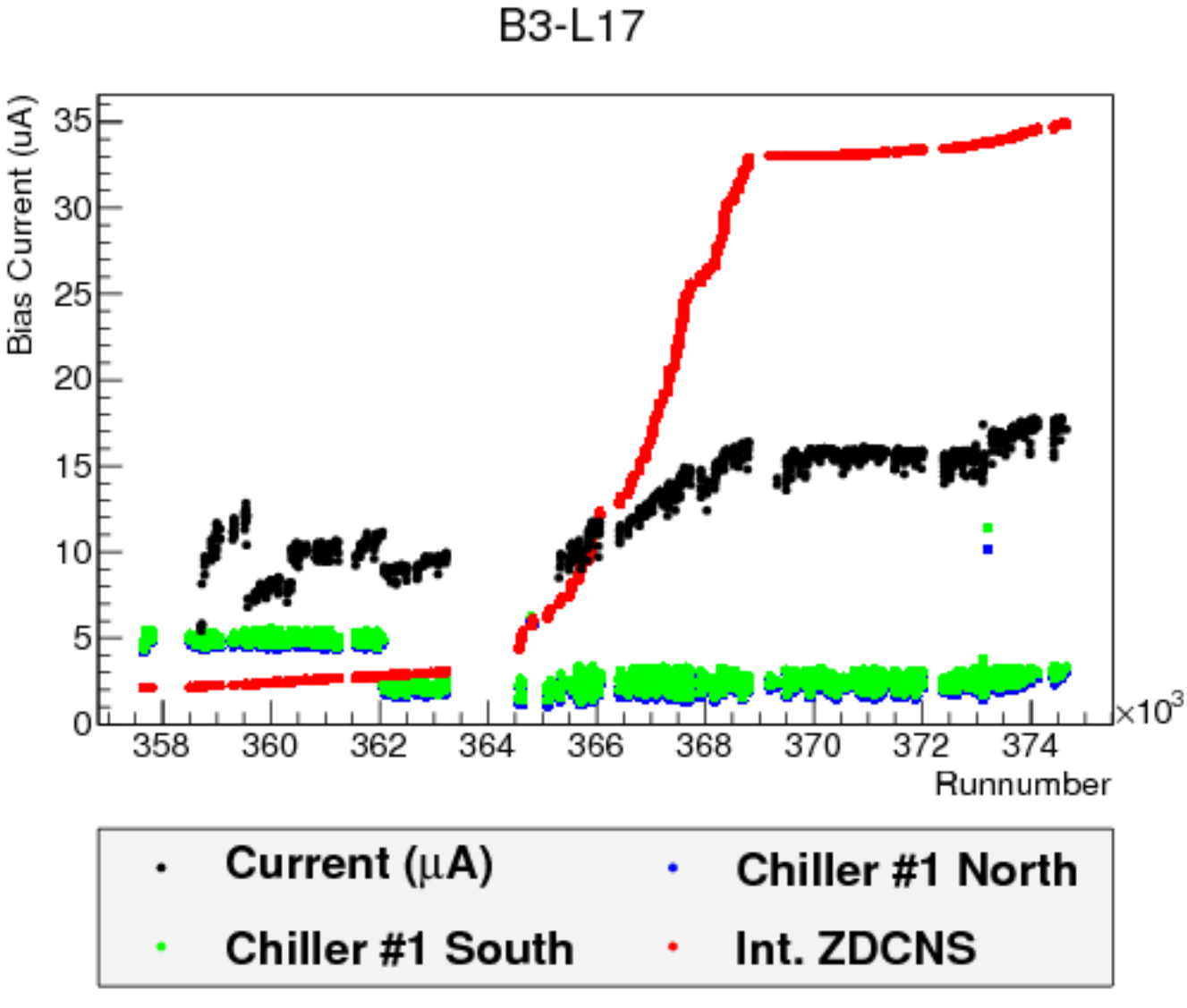

B3-L12
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

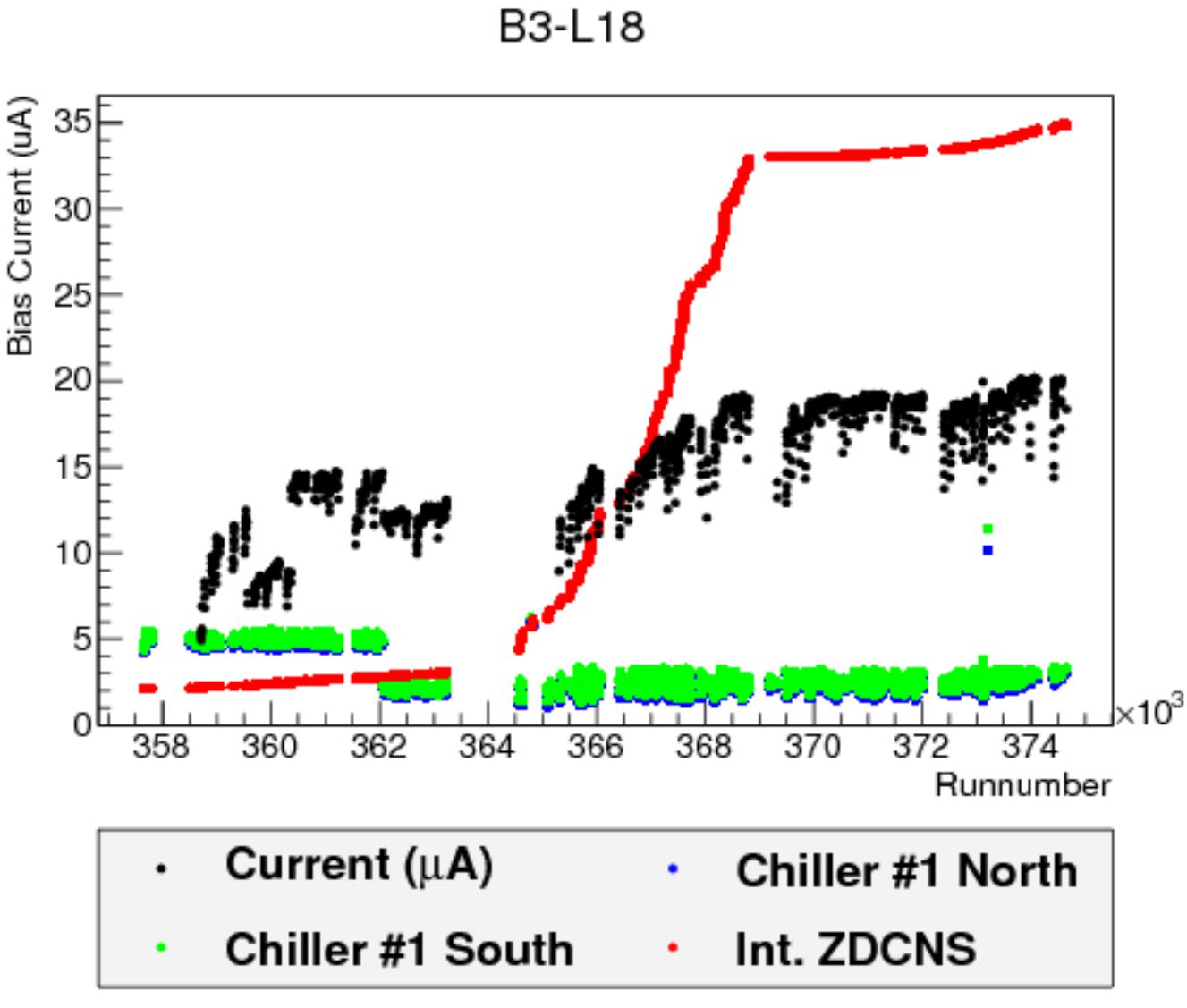

B3-L13
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

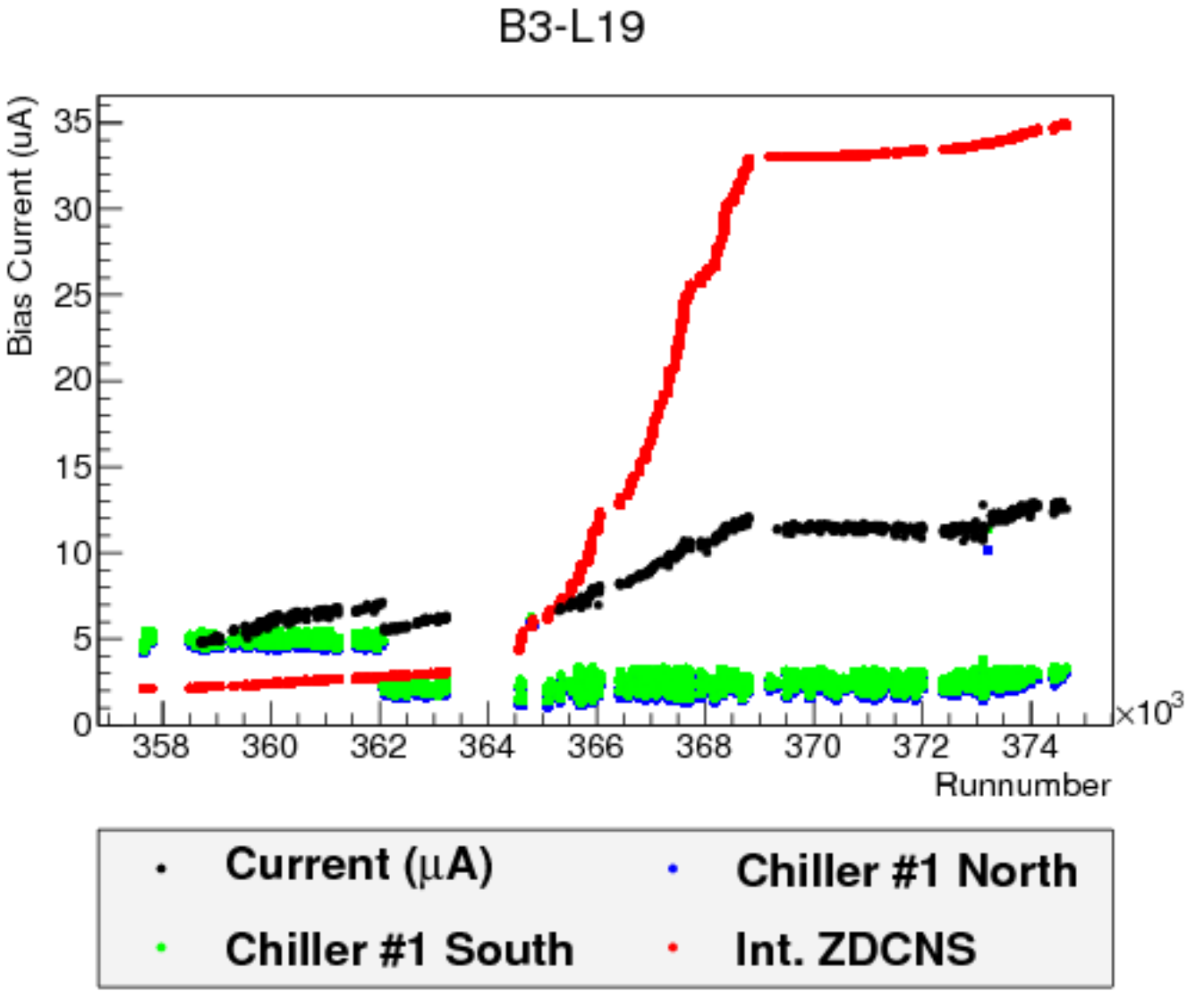

B3-L14
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

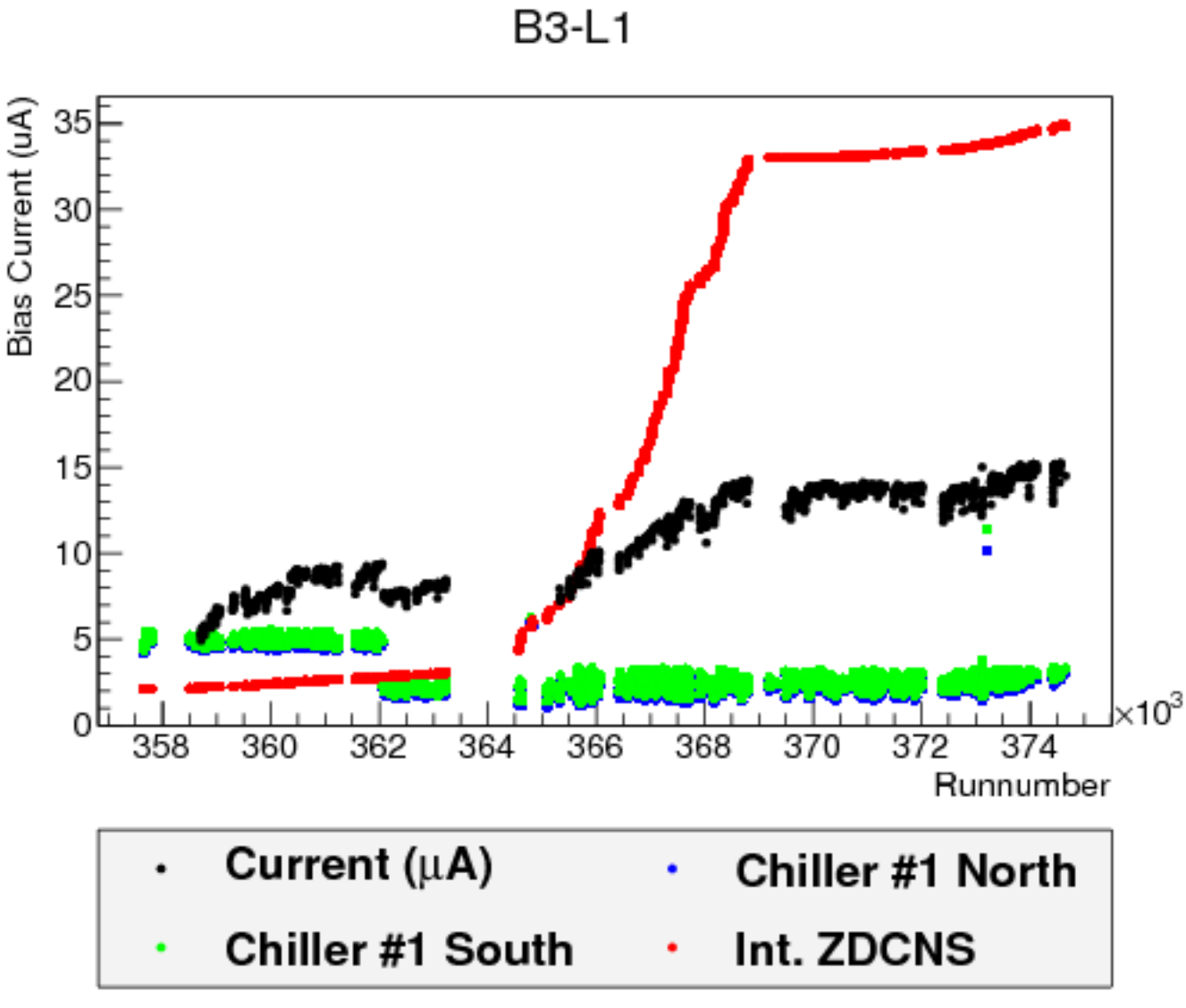

B3-L15
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

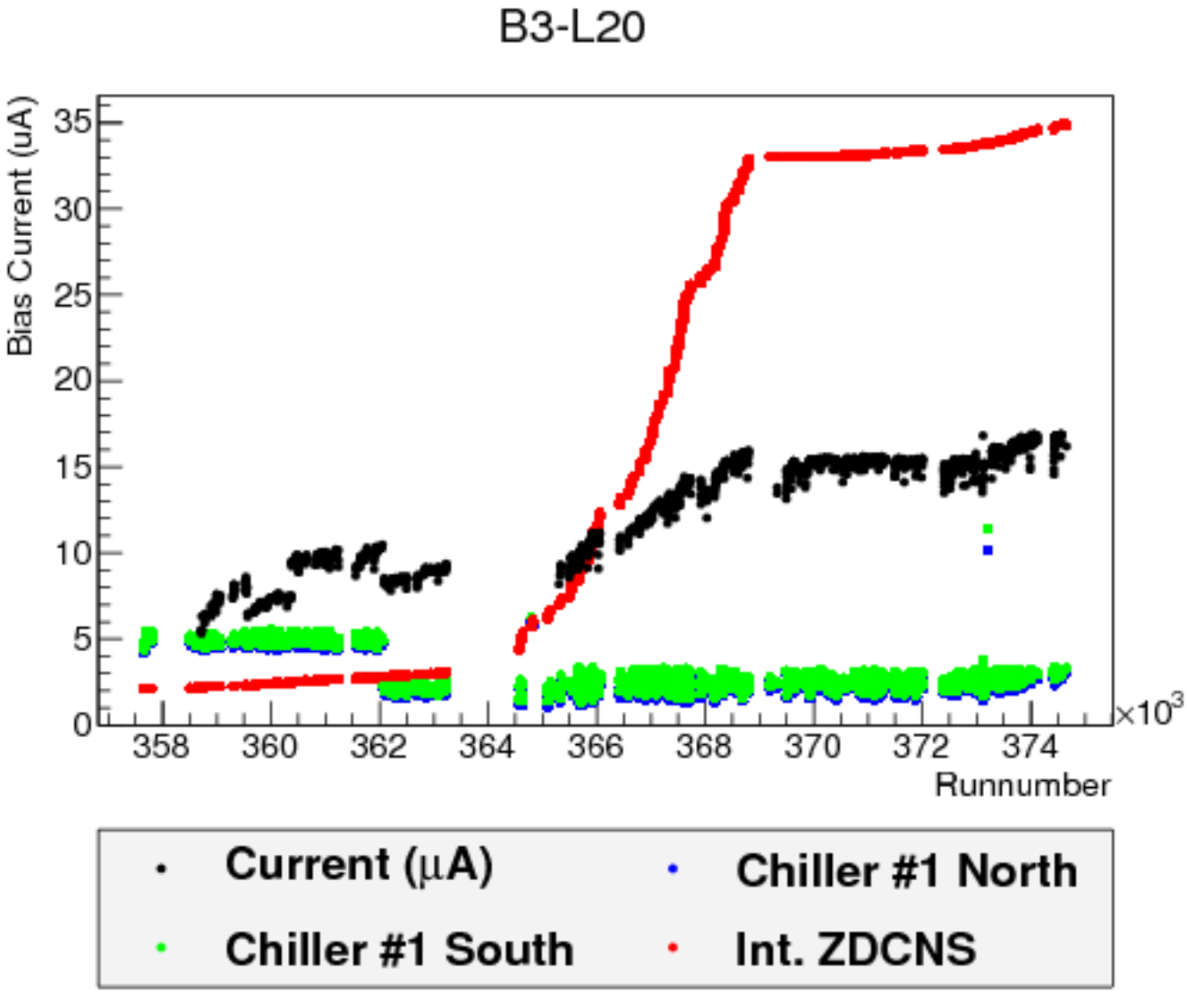

B3-L16
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

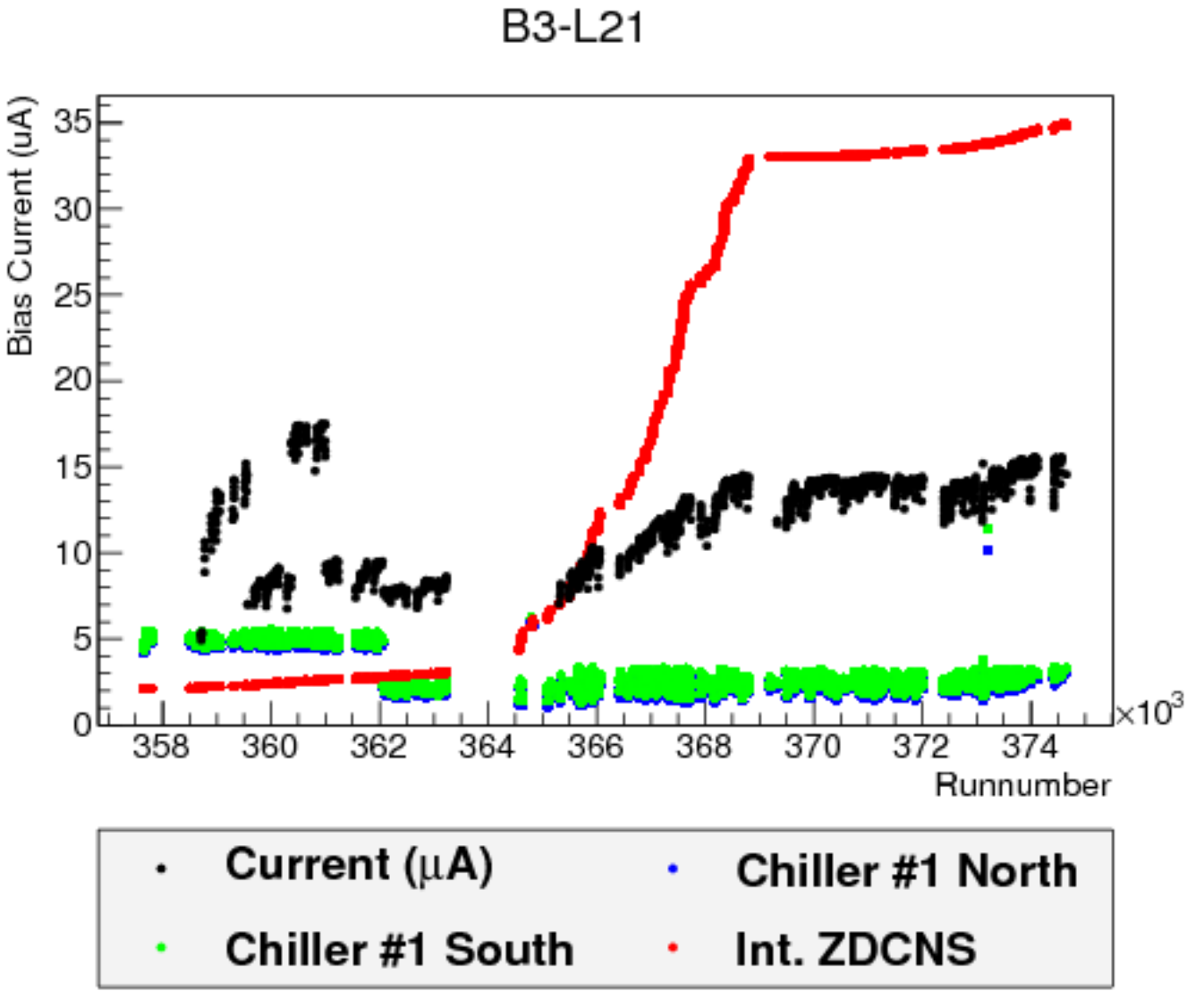

B3-L17
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

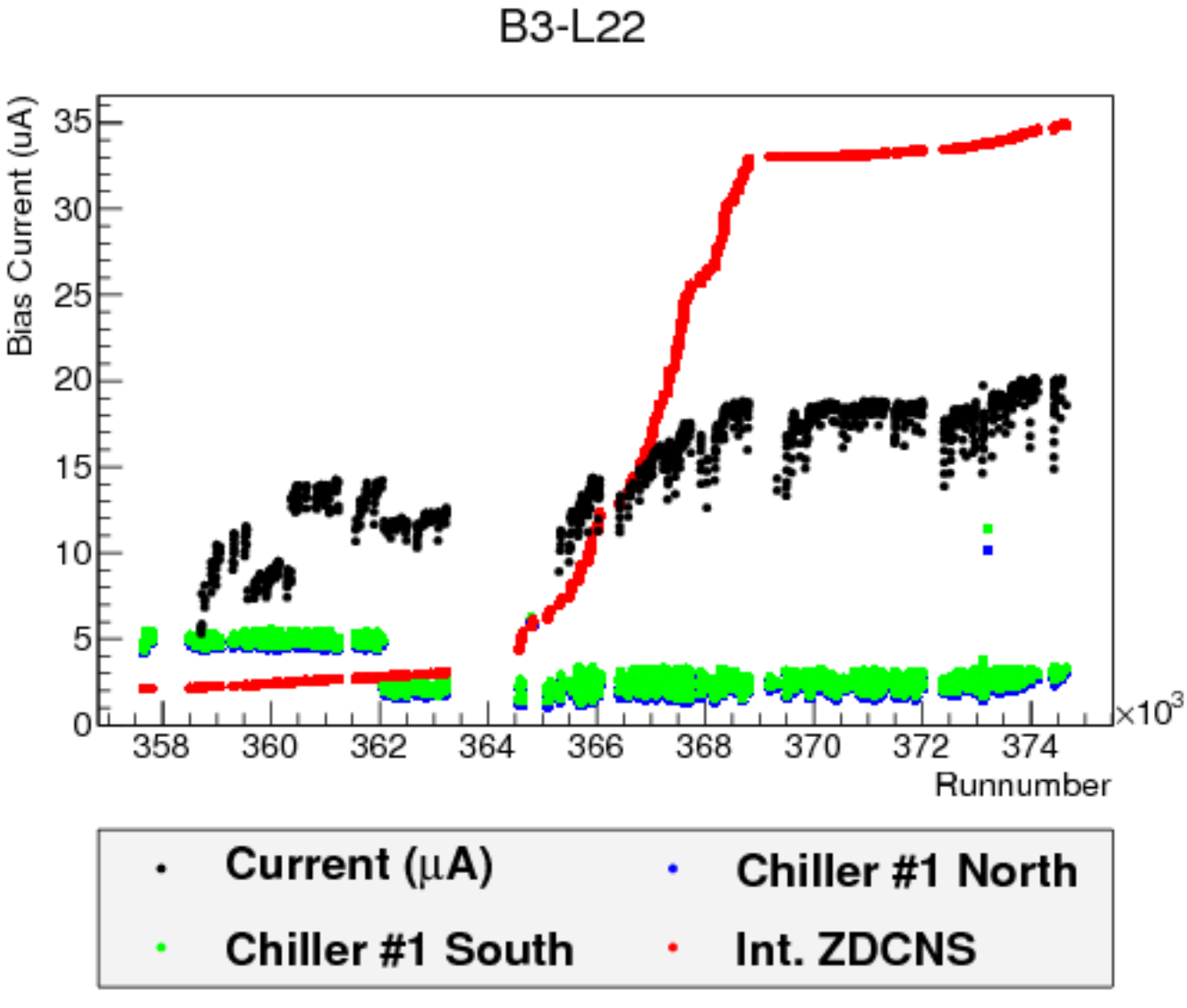

B3-L18
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

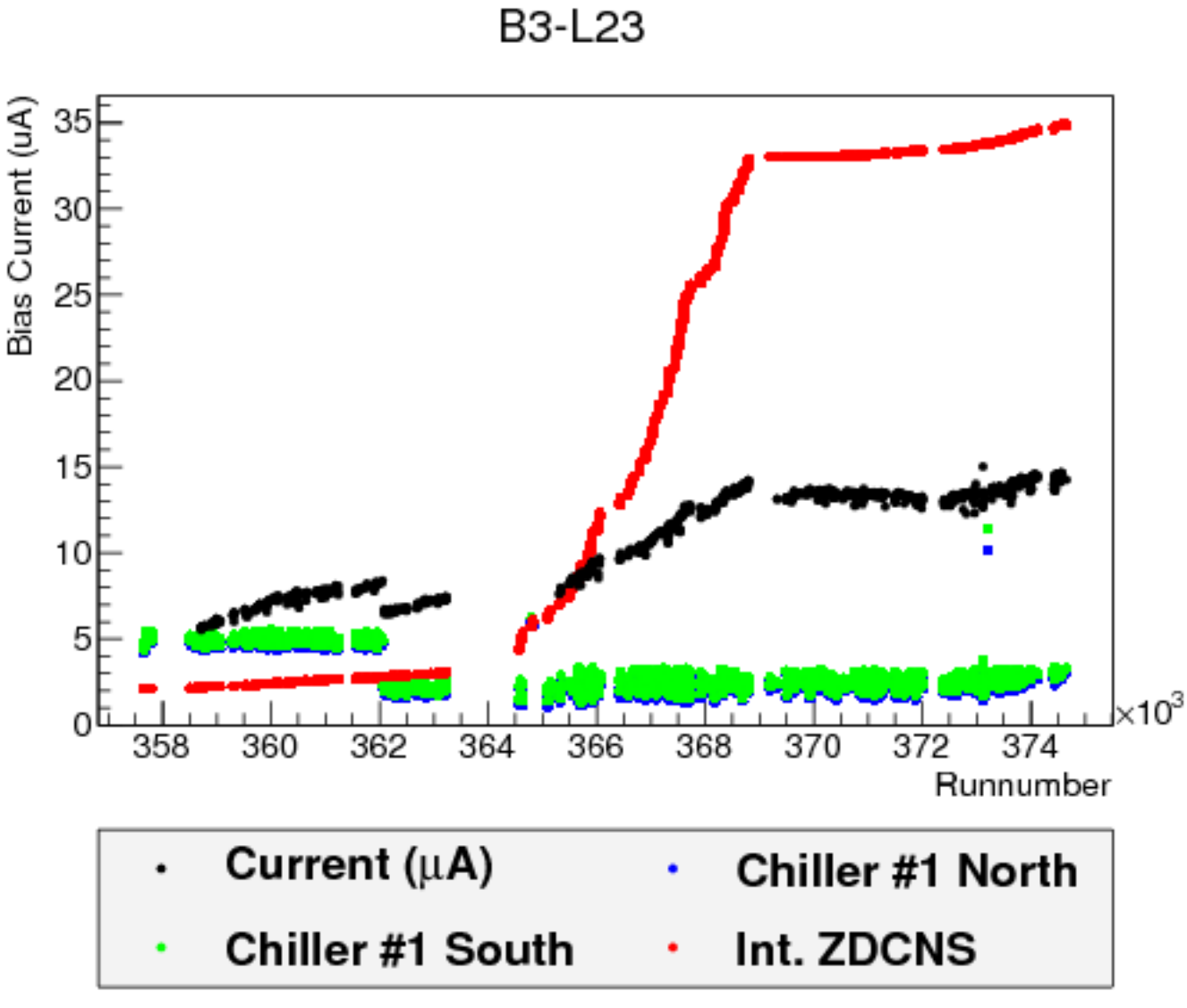

B3-L19
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

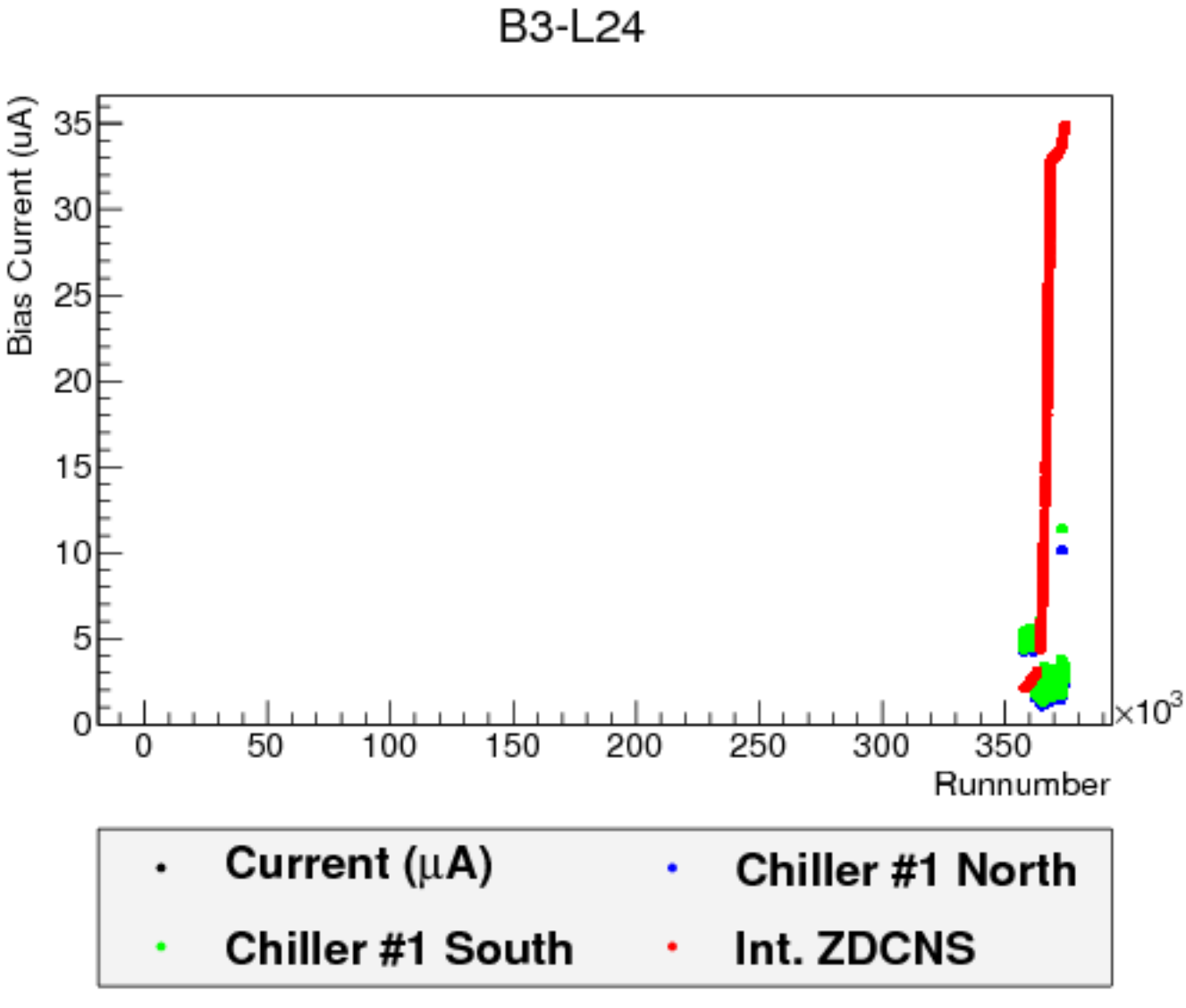

B3-L1
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

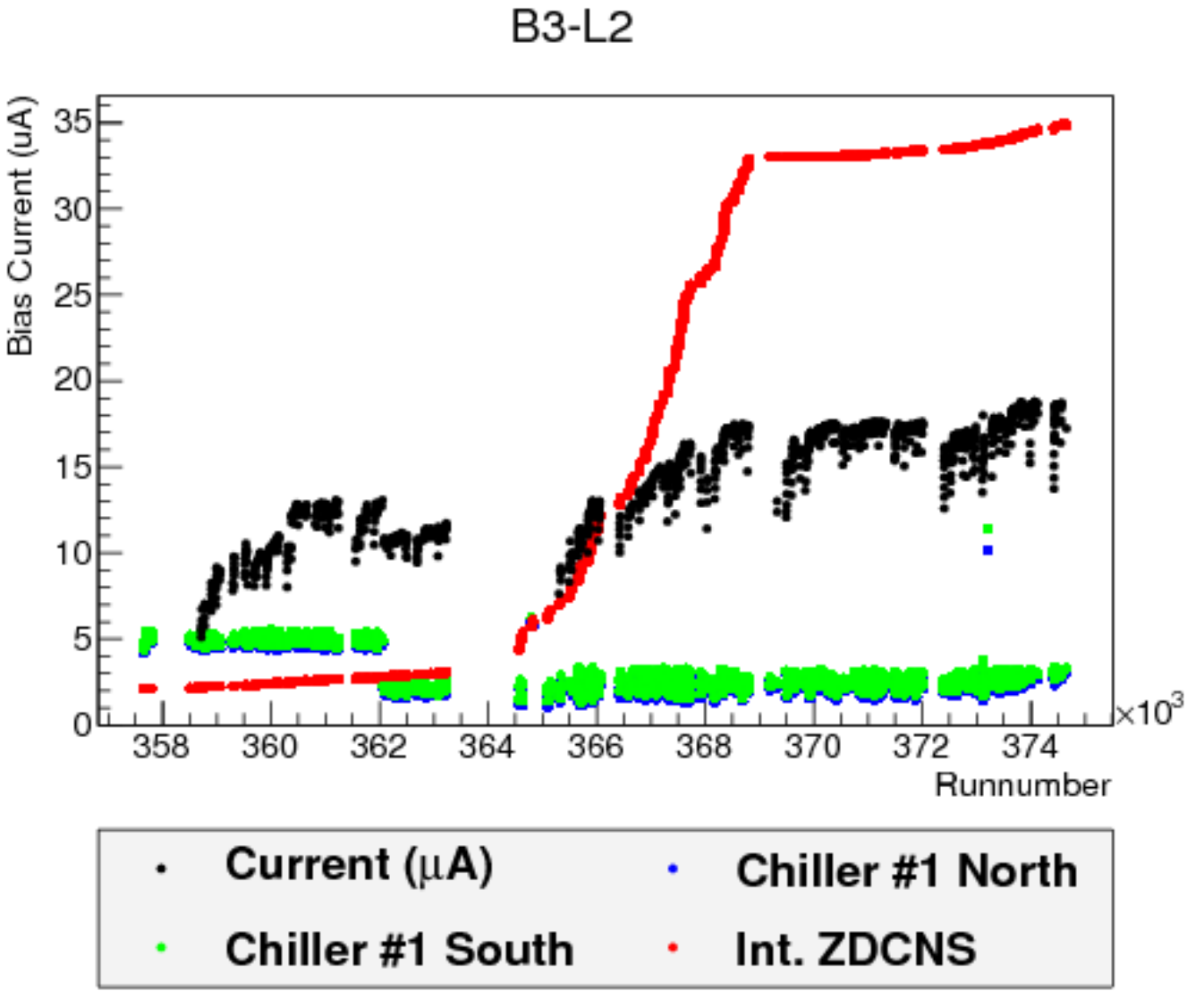

B3-L20
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

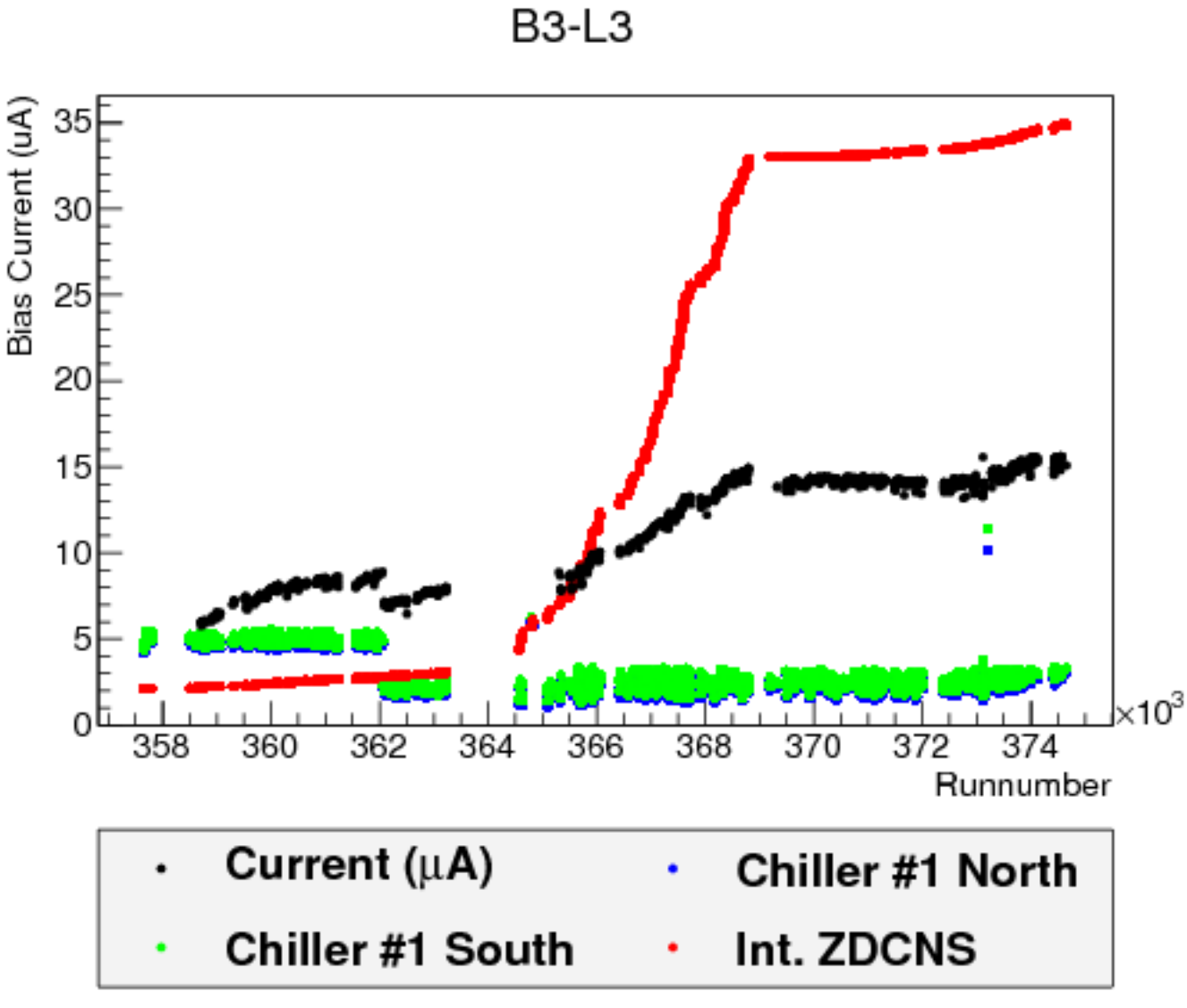

B3-L21
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

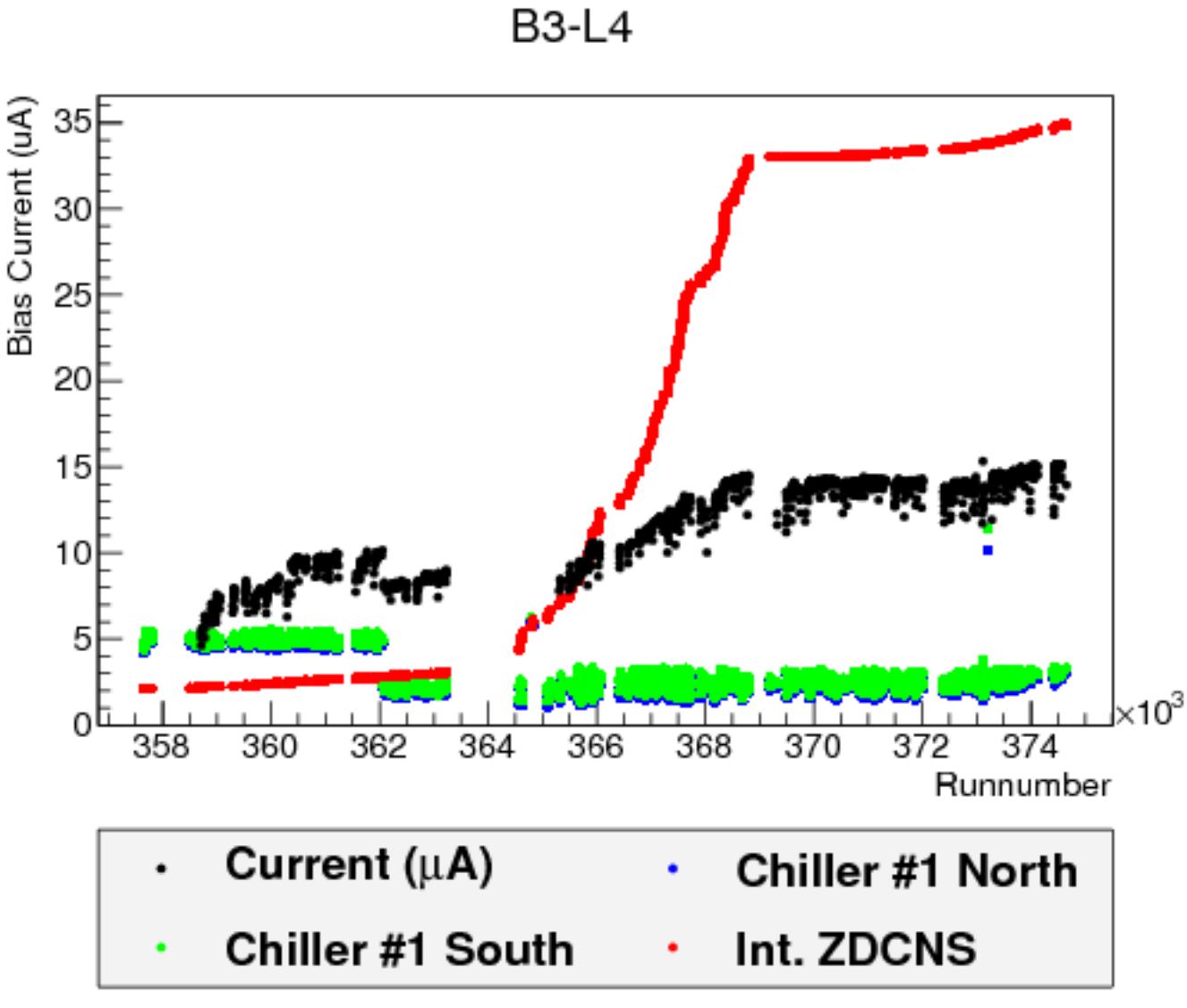

B3-L22
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

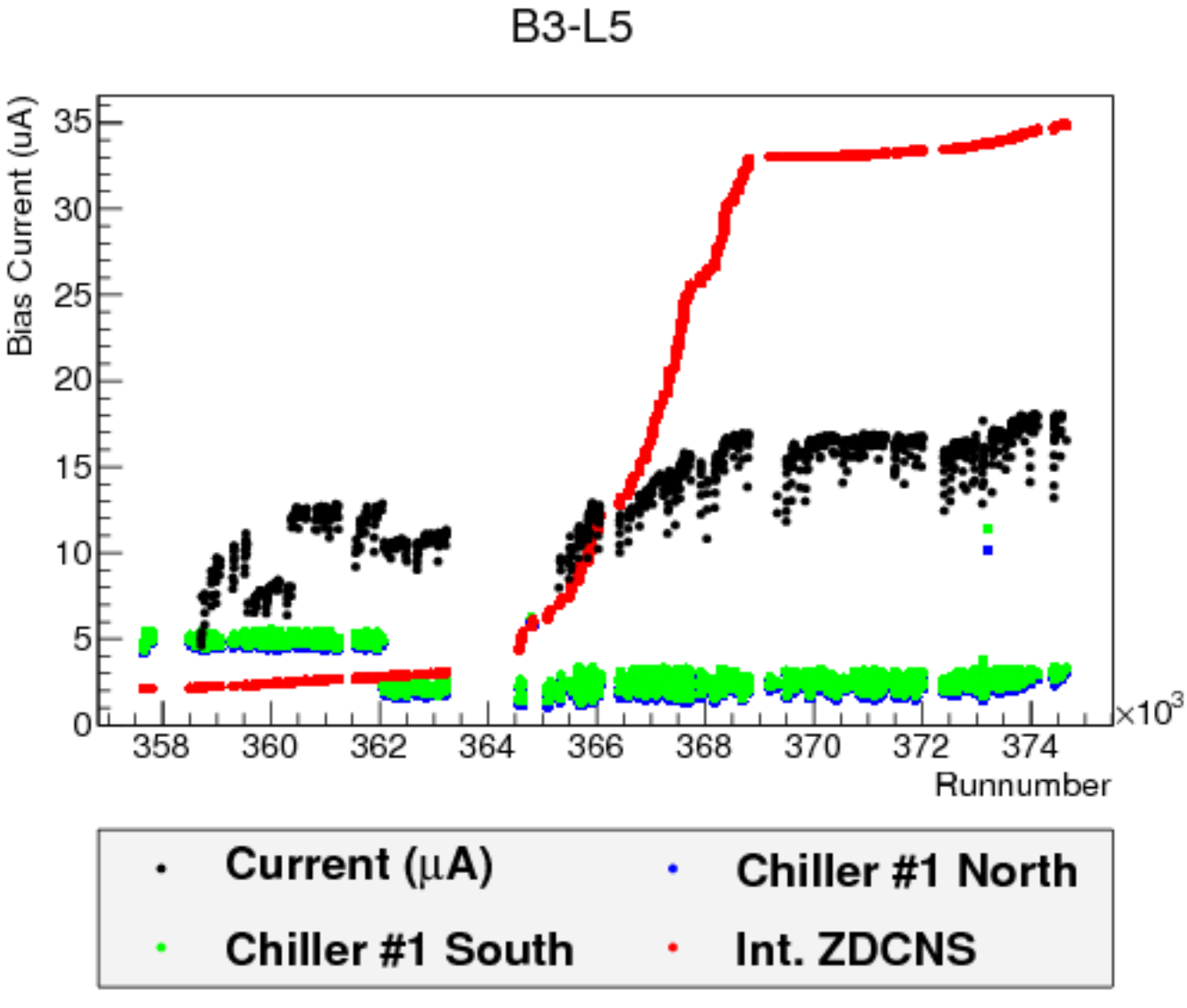

B3-L23
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

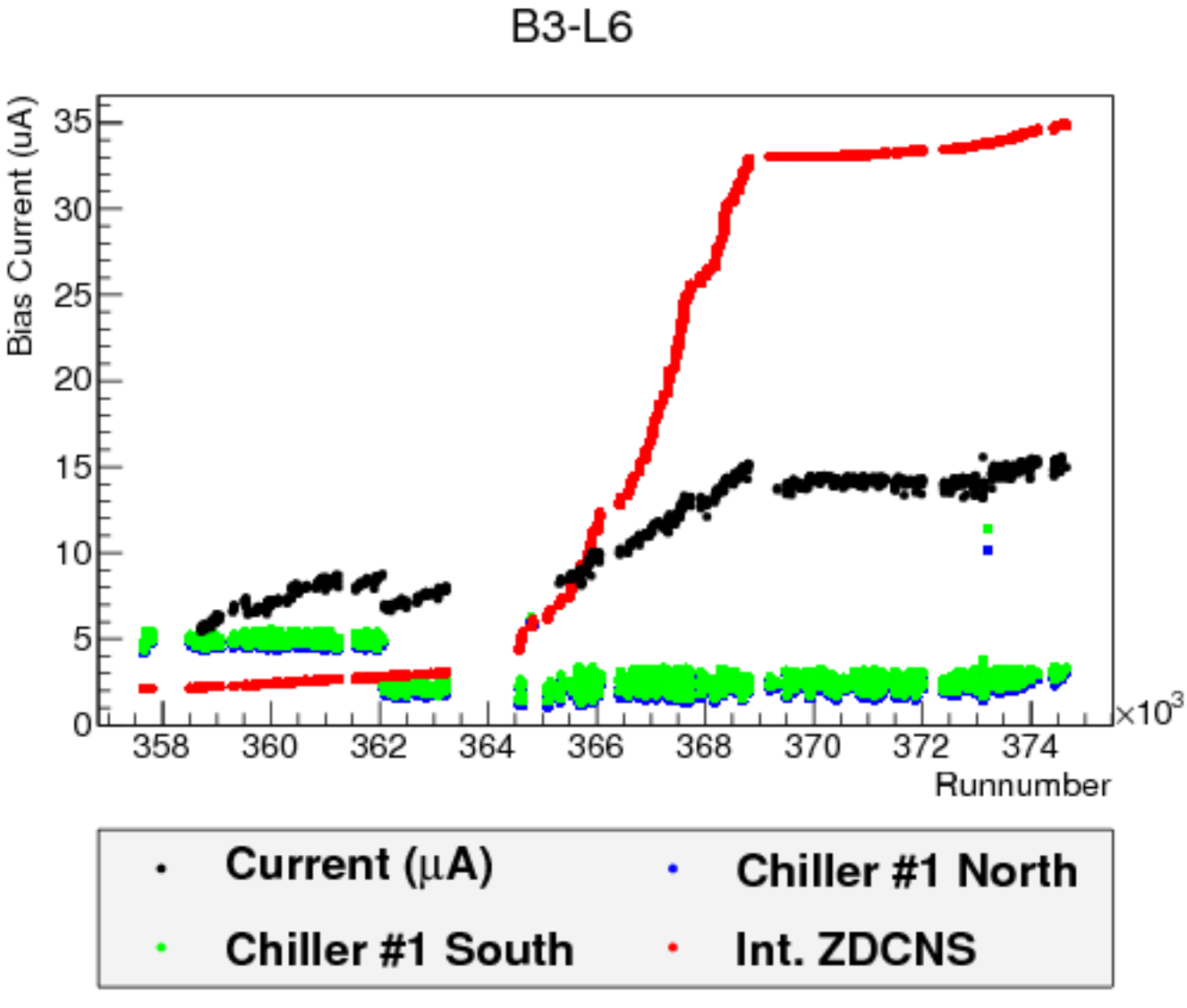

B3-L24
Bias Current (uA)
35
30
25
20
15
10
5
0
0
50
100
150
200
250
300
350
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

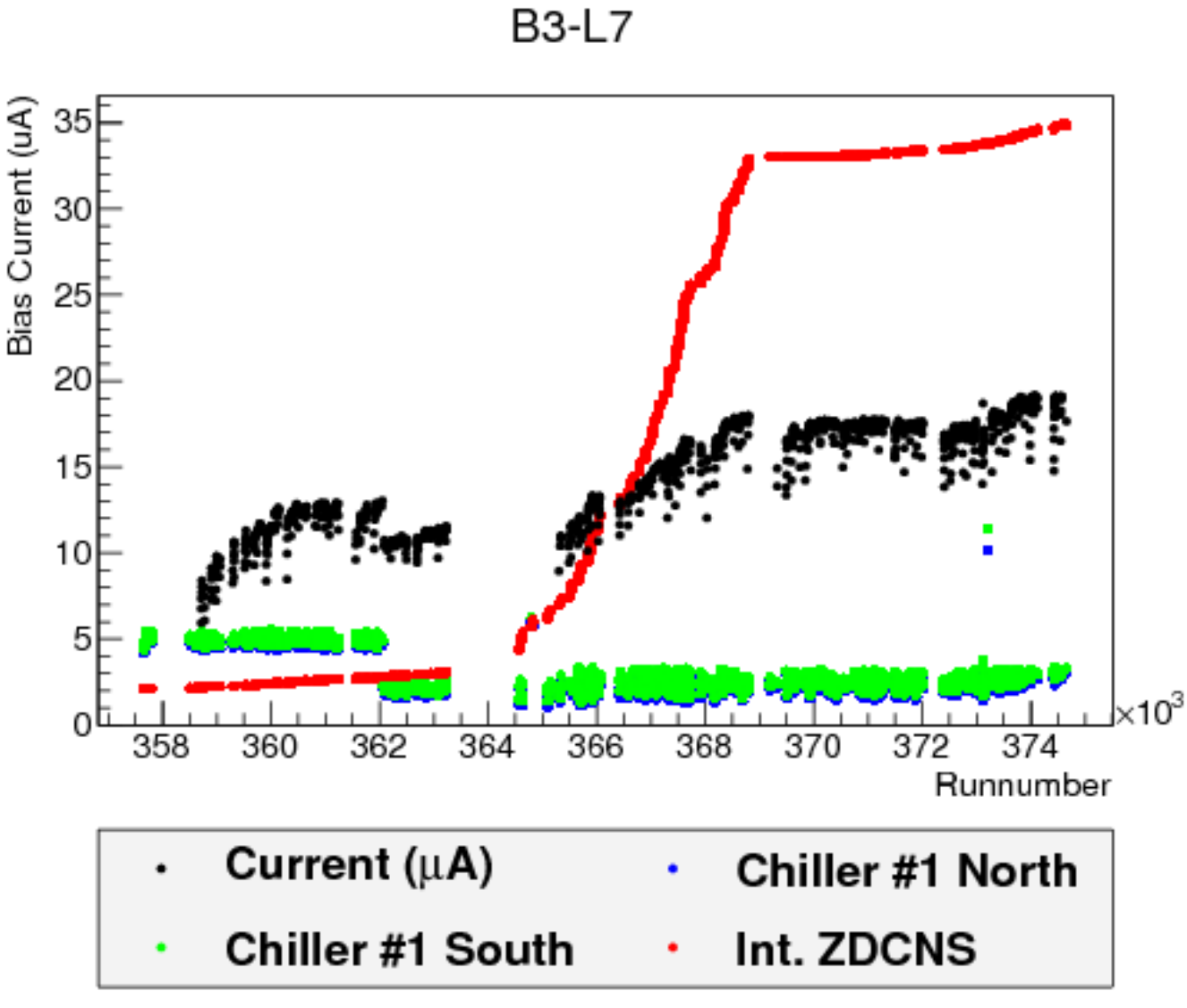

B3-L2
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

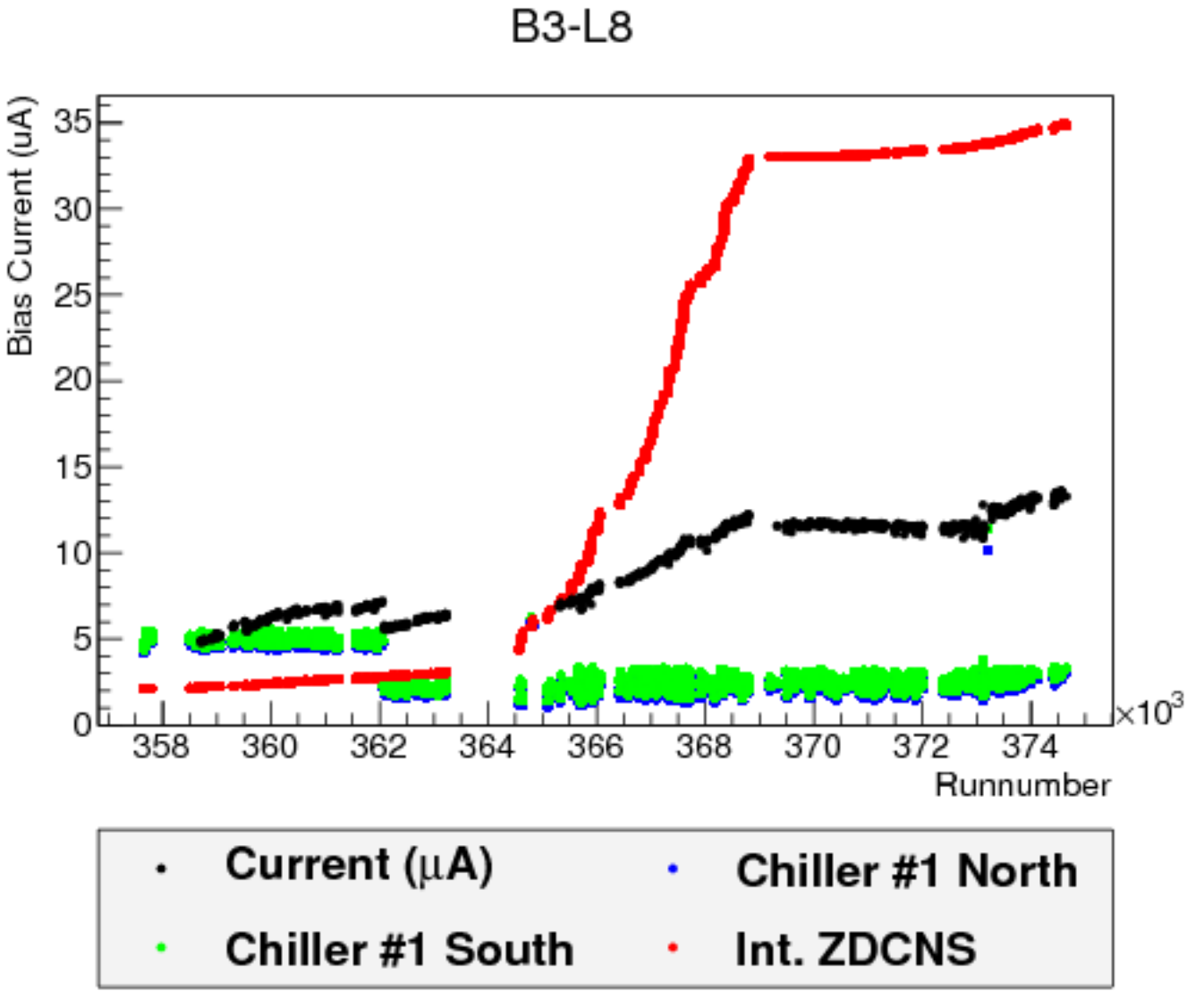

B3-L3
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS

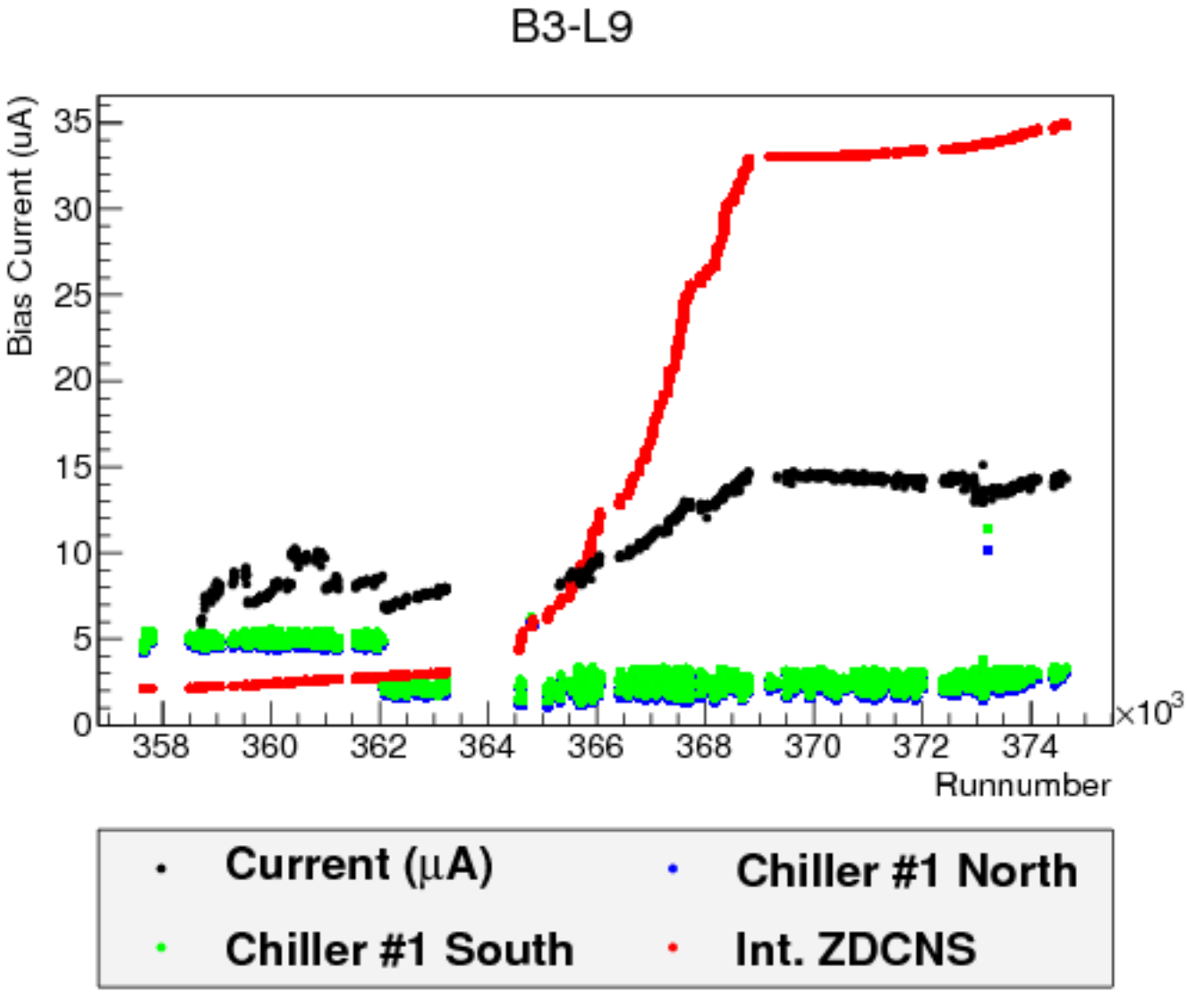

B3-L4
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B3-L5
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B3-L6
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B3-L7
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B3-L8
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS


B3-L9
Bias Current (uA)
35
30
25
20
15
10
5
0
358
360
362
364
366
368
370
372
374
×10^3
Runnumber
Current (μA)
Chiller #1 North
Chiller #1 South
Int. ZDCNS