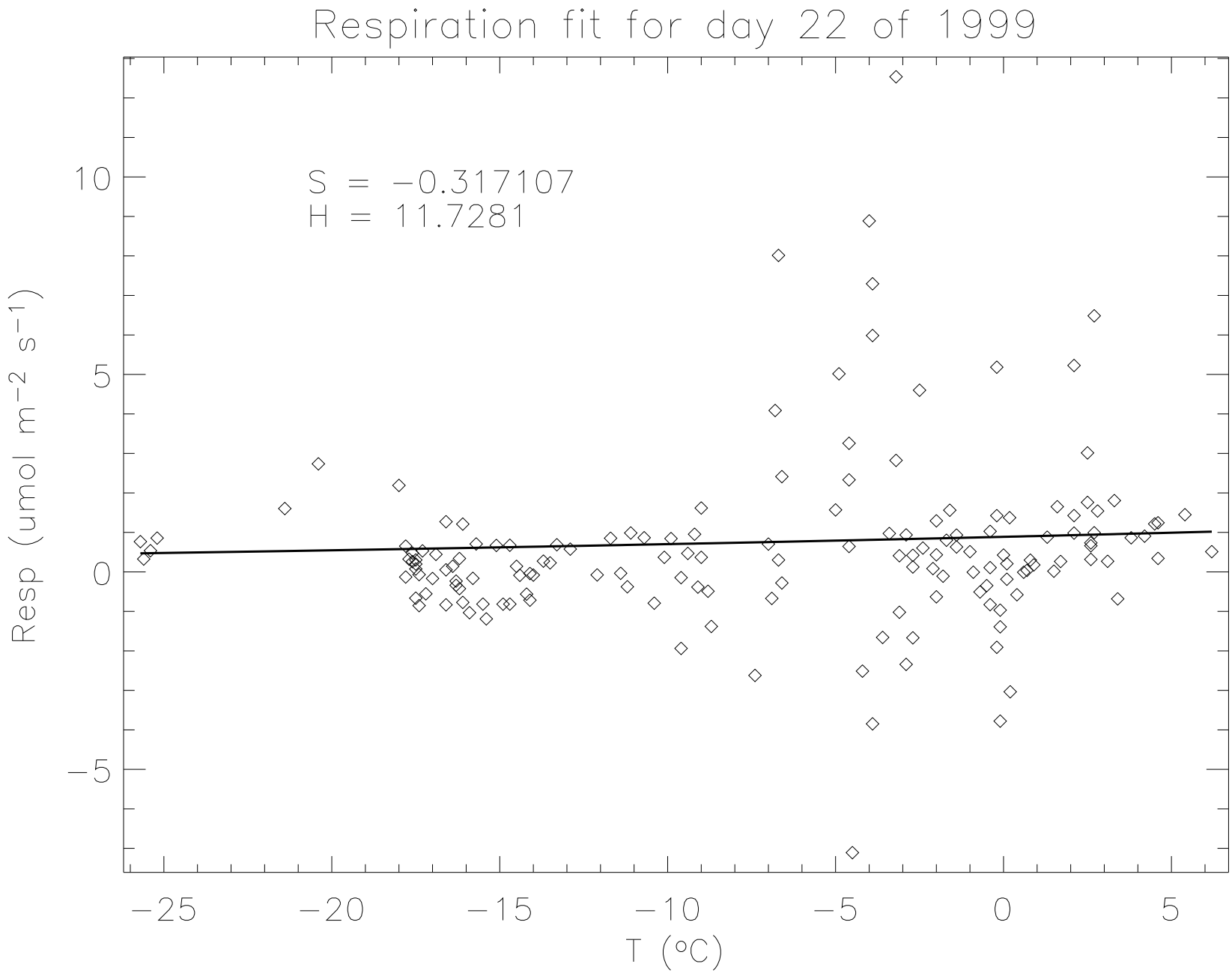
Respiration fit for day 20 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20
−25

Respiration fit for day 21 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20
−25


Respiration fit for day 22 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
−25
−20
−15
−10
−5
0
5
T (°C)

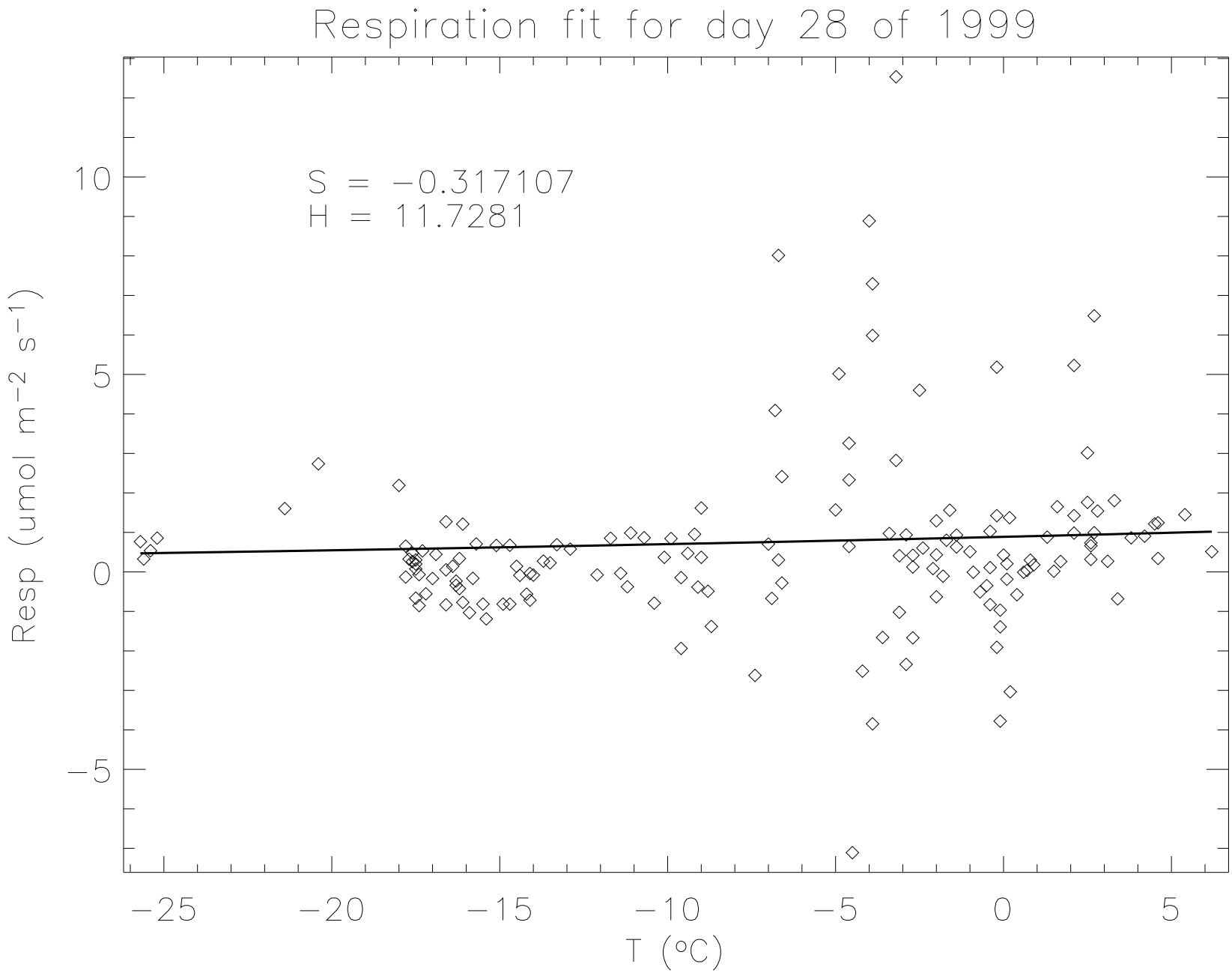
Respiration fit for day 23 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−25
−20
−15
−10
5
0
−5

Respiration fit for day 24 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20
−25

Respiration fit for day 25 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20
−25

Respiration fit for day 26 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20
−25

Respiration fit for day 27 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20
−25


Respiration fit for day 28 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
−25
−20
−15
−10
−5
0
5
T (°C)

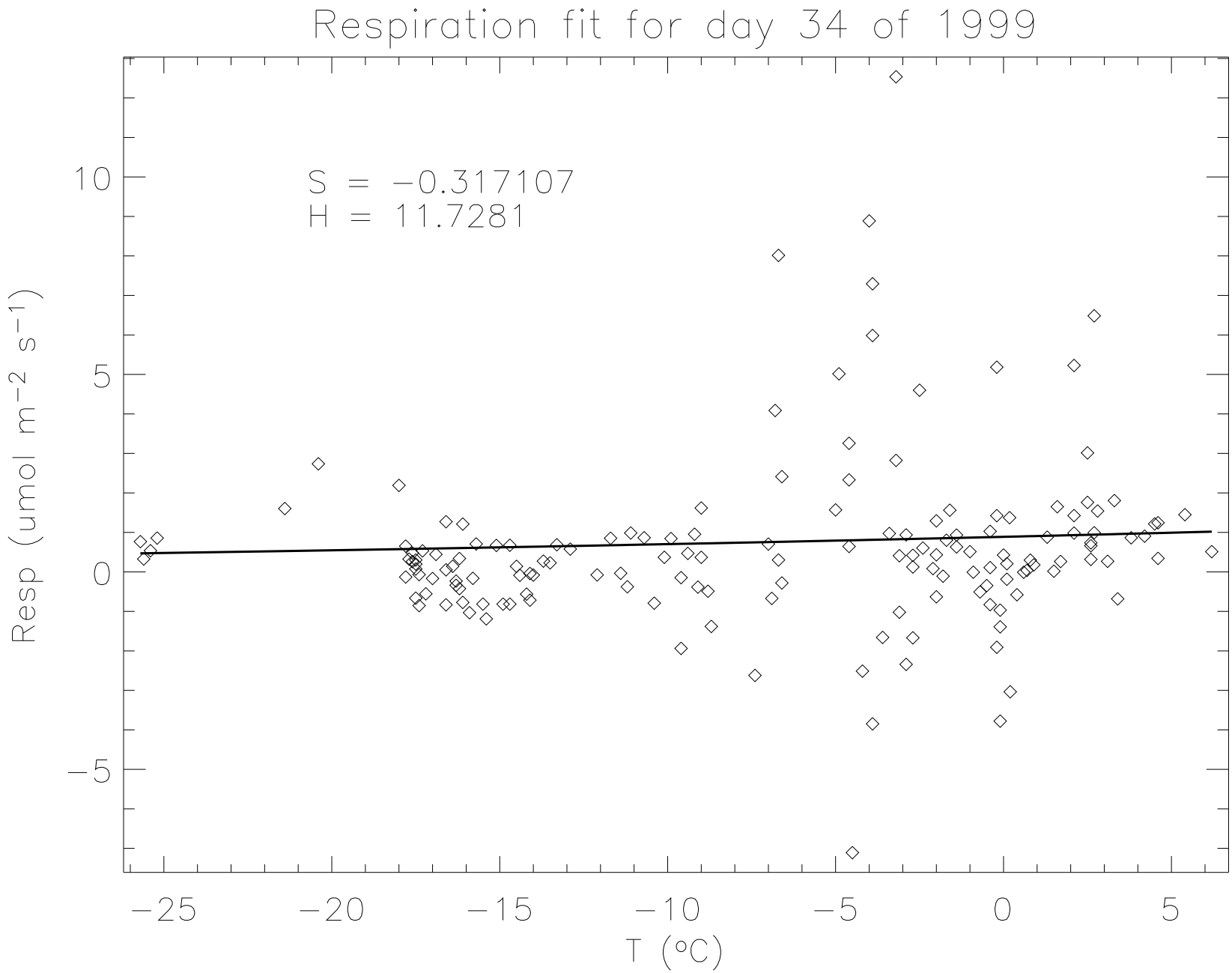
Respiration fit for day 29 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20
−25

Respiration fit for day 30 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−10
−15
−20
−25
5
0
−5

Respiration fit for day 31 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20
−25

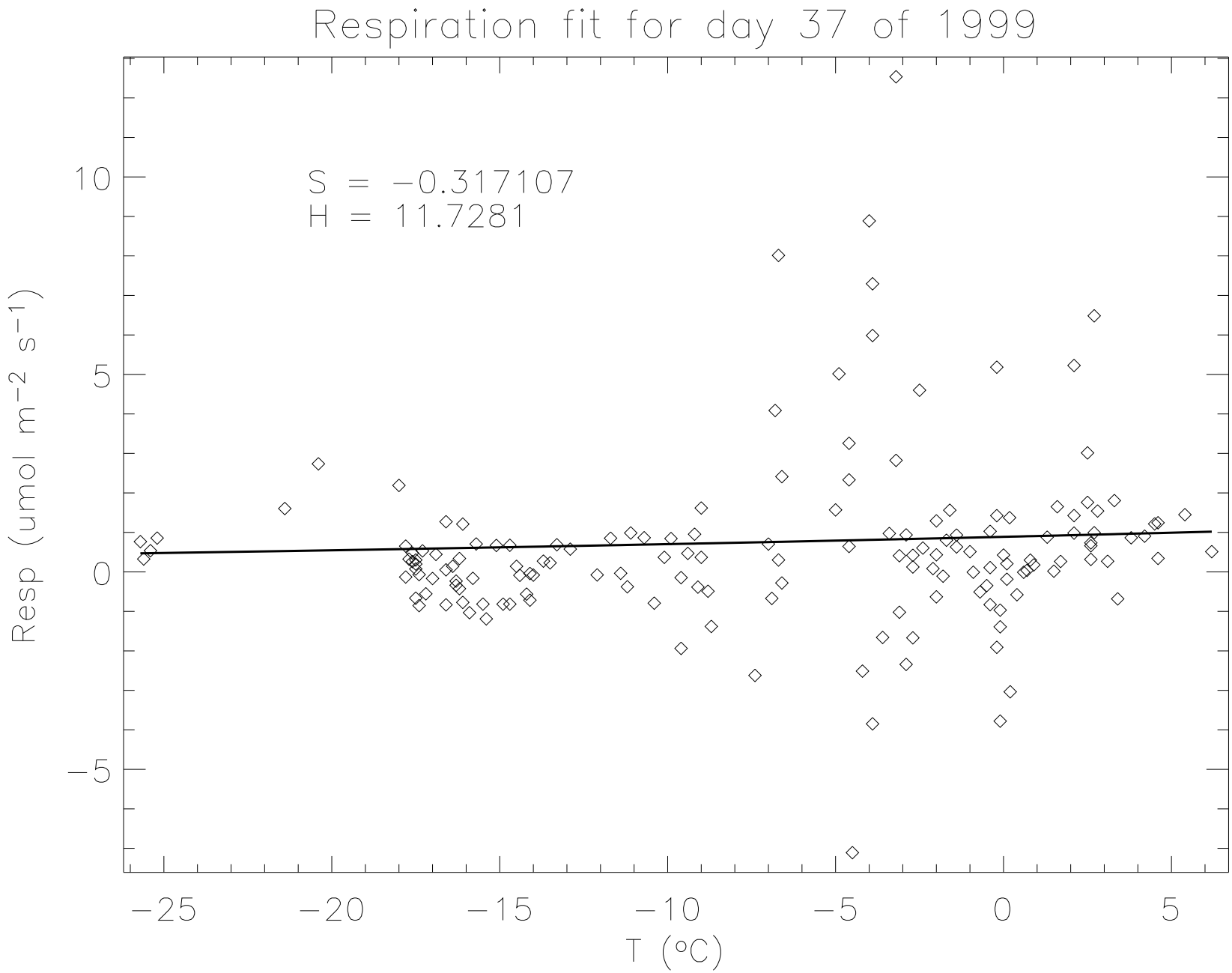
Respiration fit for day 32 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20
−25

Respiration fit for day 33 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−25
−20
−15
−10
5
0
−5


Respiration fit for day 34 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
−25
−20
−15
−10
−5
0
5
T (°C)

Respiration fit for day 35 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−25
−20
−15
−10
5
0
−5

Respiration fit for day 36 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−25
−20
−15
−10
5
0
−5


Respiration fit for day 37 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
−25
−20
−15
−10
−5
0
5
T (°C)

Respiration fit for day 38 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−25
−20
−15
−10
5
0
−5

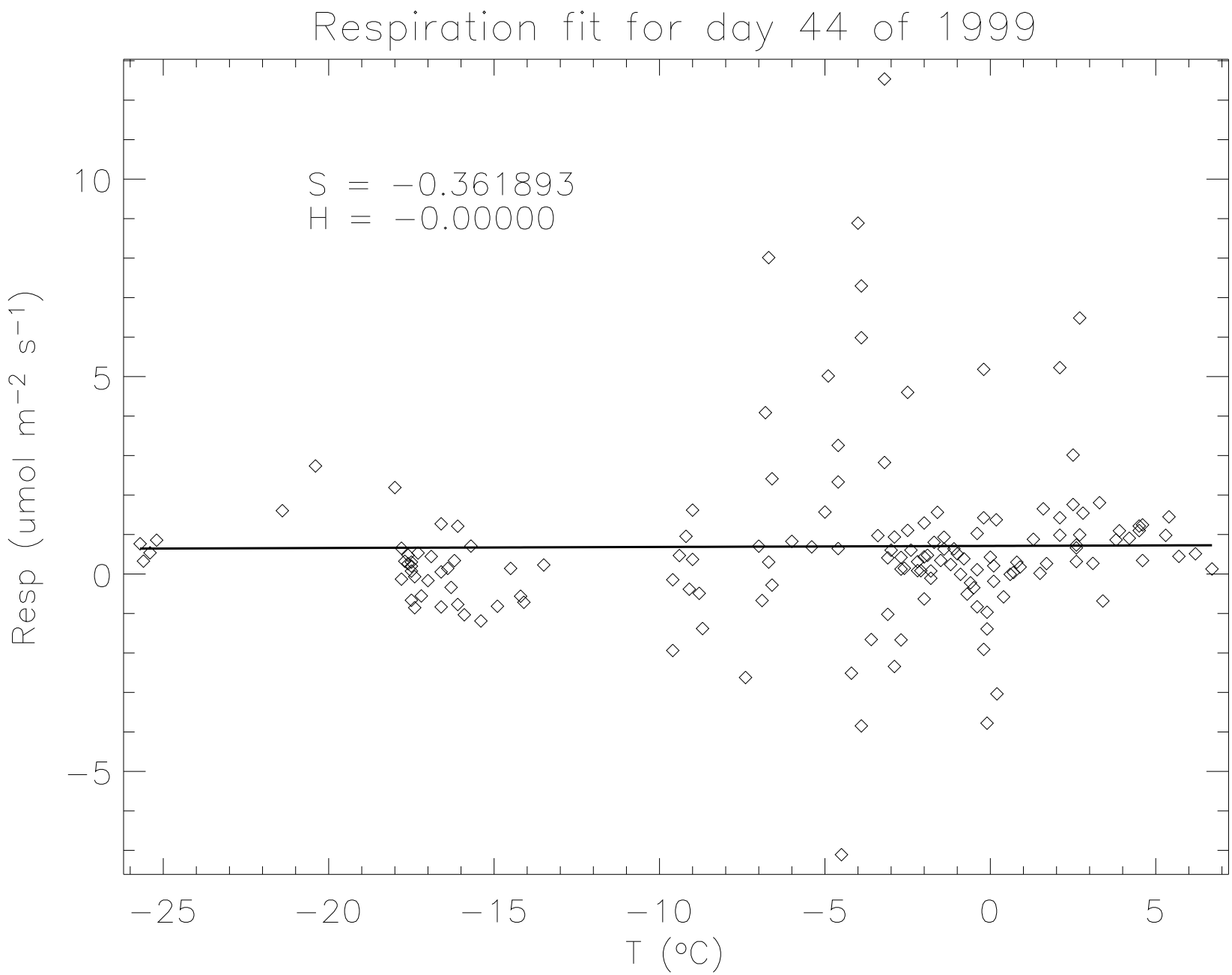
Respiration fit for day 39 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−25
−20
−15
−10
5
0
−5

Respiration fit for day 40 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20
−25

Respiration fit for day 41 of 1999
S = −0.317107
H = 11.7281
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20
−25

Respiration fit for day 42 of 1999
S = −0.361859
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20
−25

Respiration fit for day 43 of 1999
S = −0.361806
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
−10
−15
−20
−25
5
0
−5


Respiration fit for day 44 of 1999
S = −0.361893
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
−5
−25
−20
−15
−10
−5
0
5
T (°C)

Respiration fit for day 45 of 1999
S = −0.361859
H = −0.00000
Resp (umol m−2 s−1)
15
10
5
0
−5
T (°C)
0
−10
−20

Respiration fit for day 46 of 1999
S = −0.361456
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20

Respiration fit for day 47 of 1999
S = −0.361136
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20

Respiration fit for day 48 of 1999
S = −0.361136
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20

Respiration fit for day 49 of 1999
S = −0.361136
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20

Respiration fit for day 50 of 1999
S = −0.361136
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15
−20

Respiration fit for day 51 of 1999
S = −0.361201
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10
−15

Respiration fit for day 52 of 1999
S = −0.361487
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
5
−10
−5
0
5
T (°C)

Respiration fit for day 53 of 1999
S = −0.362049
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
−10
0
5

Respiration fit for day 54 of 1999
S = −0.362049
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
−10
0
5

Respiration fit for day 55 of 1999
S = −0.362049
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
0
−5
−10

Respiration fit for day 56 of 1999
S = −0.362304
H = −0.00000
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
−10
0
5

Respiration fit for day 57 of 1999
S = −0.362304
H = −0.000000
Resp (umol m−2 s−1)
15
10
5
0
−5
−10
T (°C)
−10
−5
0
5

Respiration fit for day 58 of 1999
S = −0.363264
H = −0.00000
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
5
0
−5
−10

Respiration fit for day 59 of 1999
S = −0.363264
H = −0.00000
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
−10
−5
0
5

Respiration fit for day 60 of 1999
S = −0.363169
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4
6
8

Respiration fit for day 61 of 1999
S = −0.363324
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
8
6
4
2
0
−2
−4
15
10
5
0
−5
−10

Respiration fit for day 62 of 1999
S = −0.363467
H = −0.00000
Resp (umol m−2 s−1)
8
6
4
2
0
−2
−4
T (°C)
−10
−5
0
5
10
15

Respiration fit for day 63 of 1999
S = −0.363673
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4
6

Respiration fit for day 64 of 1999
S = −0.363757
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4
6

Respiration fit for day 65 of 1999
S = −0.363757
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4
6

Respiration fit for day 66 of 1999
S = −0.363757
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4
6

Respiration fit for day 67 of 1999
S = −0.363757
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4
6

Respiration fit for day 68 of 1999
S = −0.363511
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4
6

Respiration fit for day 69 of 1999
S = −0.363511
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4
6

Respiration fit for day 70 of 1999
S = −0.363511
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4
6

Respiration fit for day 71 of 1999
S = −0.363511
H = −0.00000
Resp (umol m−2 s−1)
6
4
2
0
−2
−4
T (°C)
−10
−5
0
5
10
15

Respiration fit for day 72 of 1999
S = −0.363511
H = −0.00000
Resp (umol m−2 s−1)
−4
−2
0
2
4
6
T (°C)
−10
−5
0
5
10
15

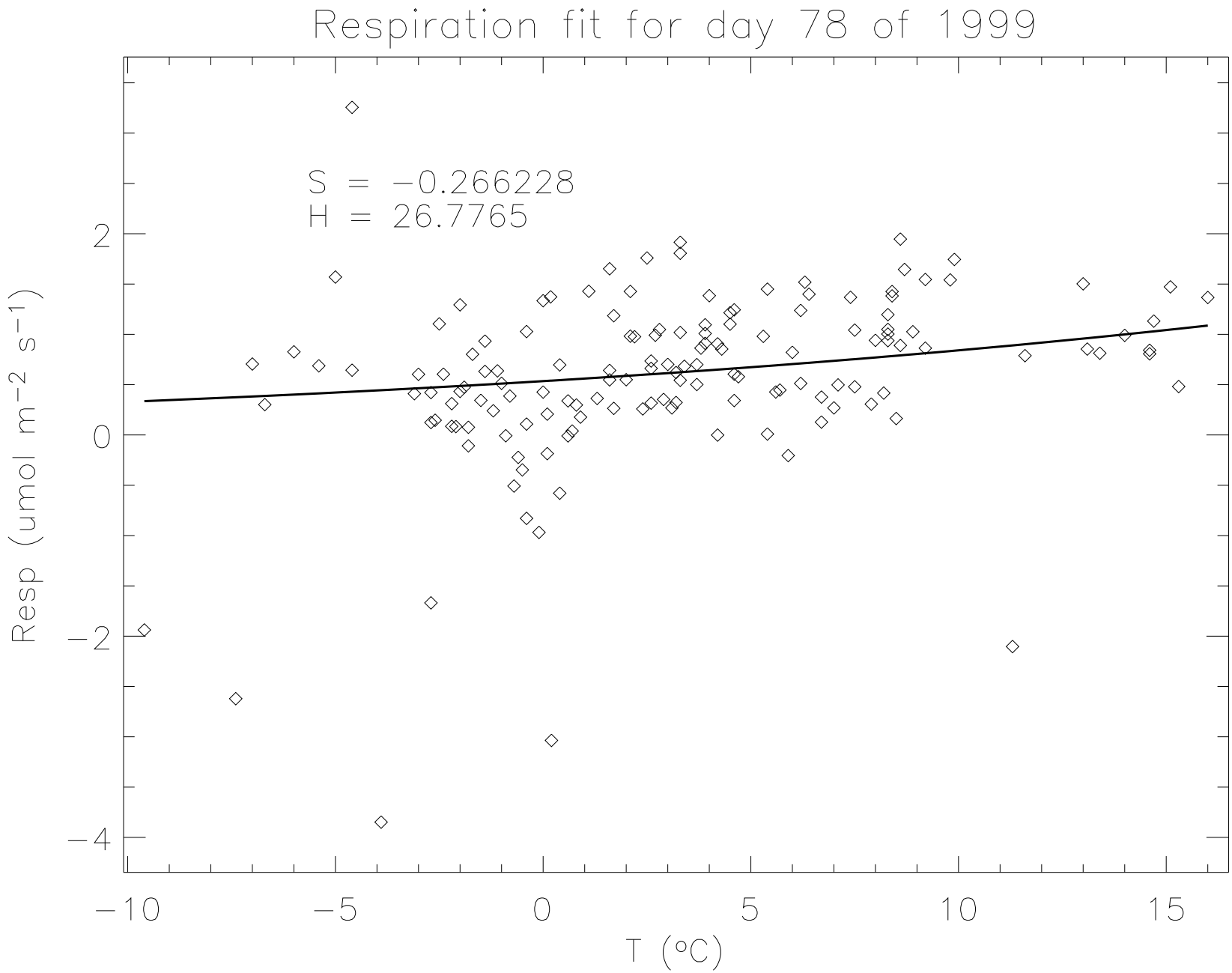
Respiration fit for day 73 of 1999
S = −0.2921125
H = 19.6989
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2
4
6

Respiration fit for day 74 of 1999
S = −0.281279
H = 22.74887
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2

Respiration fit for day 75 of 1999
S = −0.2812779
H = 22.74887
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2

Respiration fit for day 76 of 1999
S = −0.276934
H = 23.9325
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2

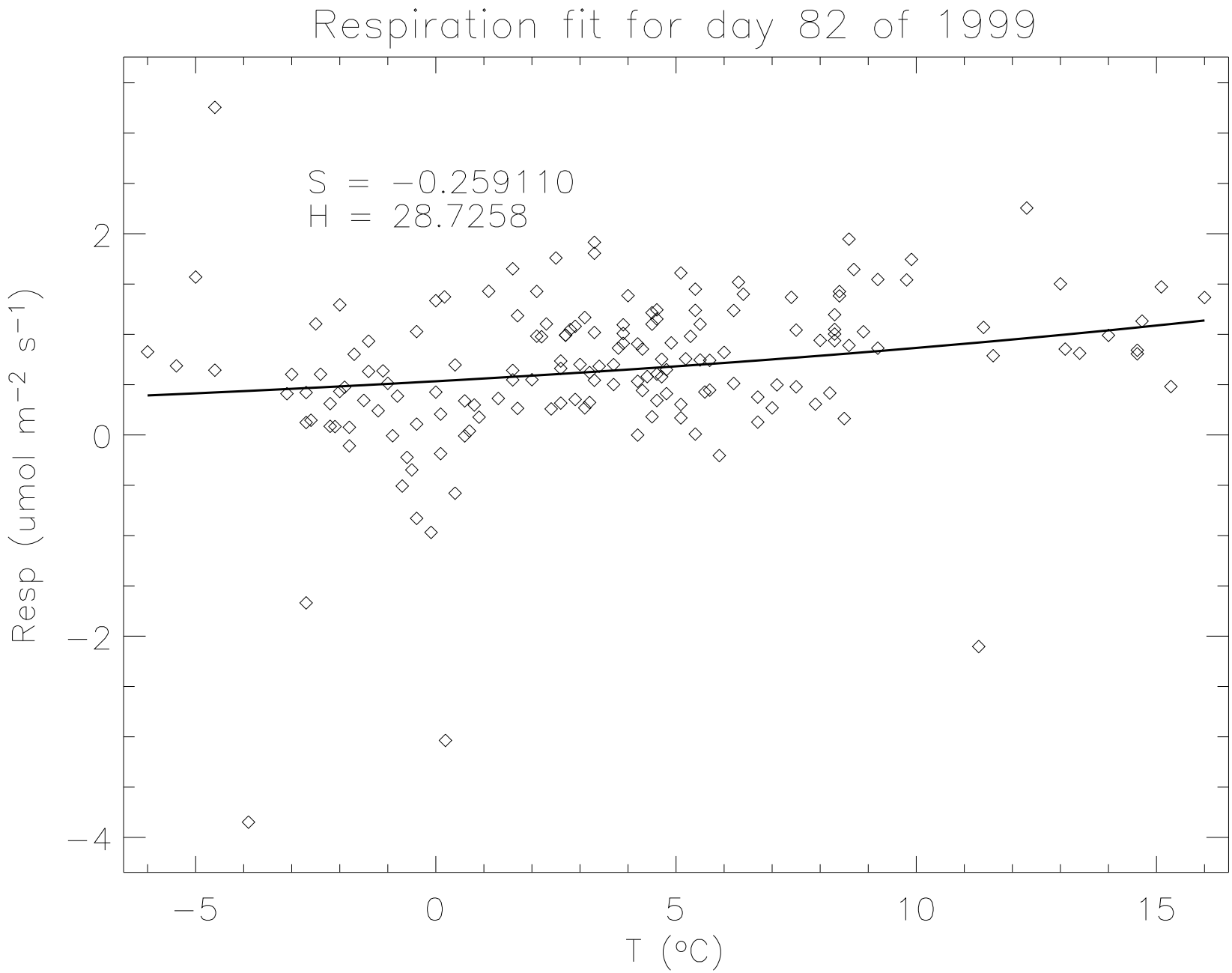
Respiration fit for day 77 of 1999
S = −0.266361
H = 26.8010
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2

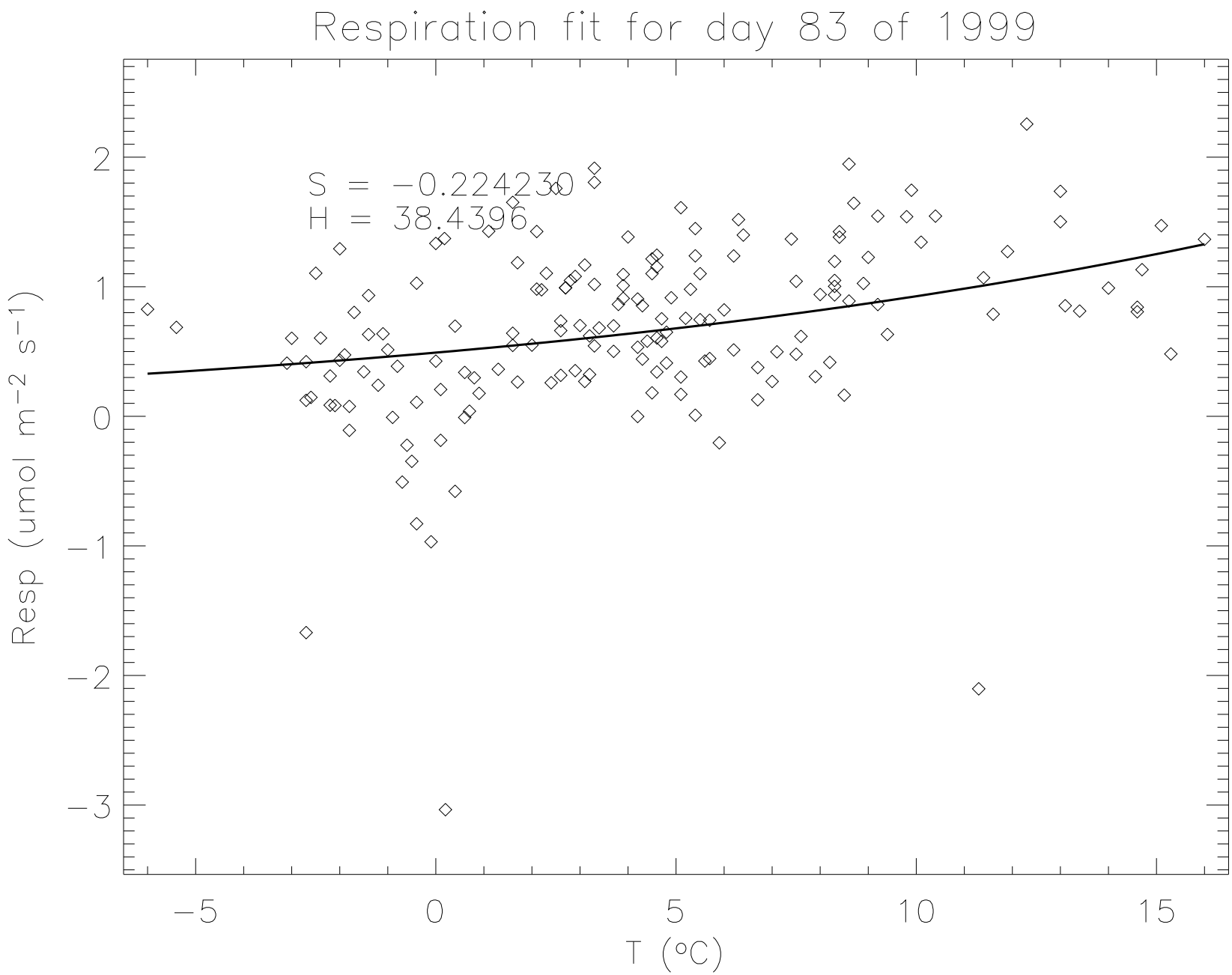

Respiration fit for day 78 of 1999
S = −0.266228
H = 26.7765
Resp (umol m−2 s−1)
2
0
−2
−4
−10
−5
0
5
10
15
T (°C)

Respiration fit for day 79 of 1999
S = −0.268957
H = 26.0320
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
−4
−2
0
2

Respiration fit for day 80 of 1999
S = −0.265558
H = 26.9440
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−4
−2
0
2

Respiration fit for day 81 of 1999
S = −0.264348
H = 27.2582
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−4
−2
0
2


Respiration fit for day 82 of 1999
S = −0.259110
H = 28.7258
Resp (umol m−2 s−1)
2
0
−2
−4
−5
0
5
10
15
T (°C)


Respiration fit for day 83 of 1999
S = −0.224230
H = 38.4396
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−2
−3
−5
0
5
10
15

Respiration fit for day 84 of 1999
S = −0.225777
H = 37.9651
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
−1
0
1
2
3

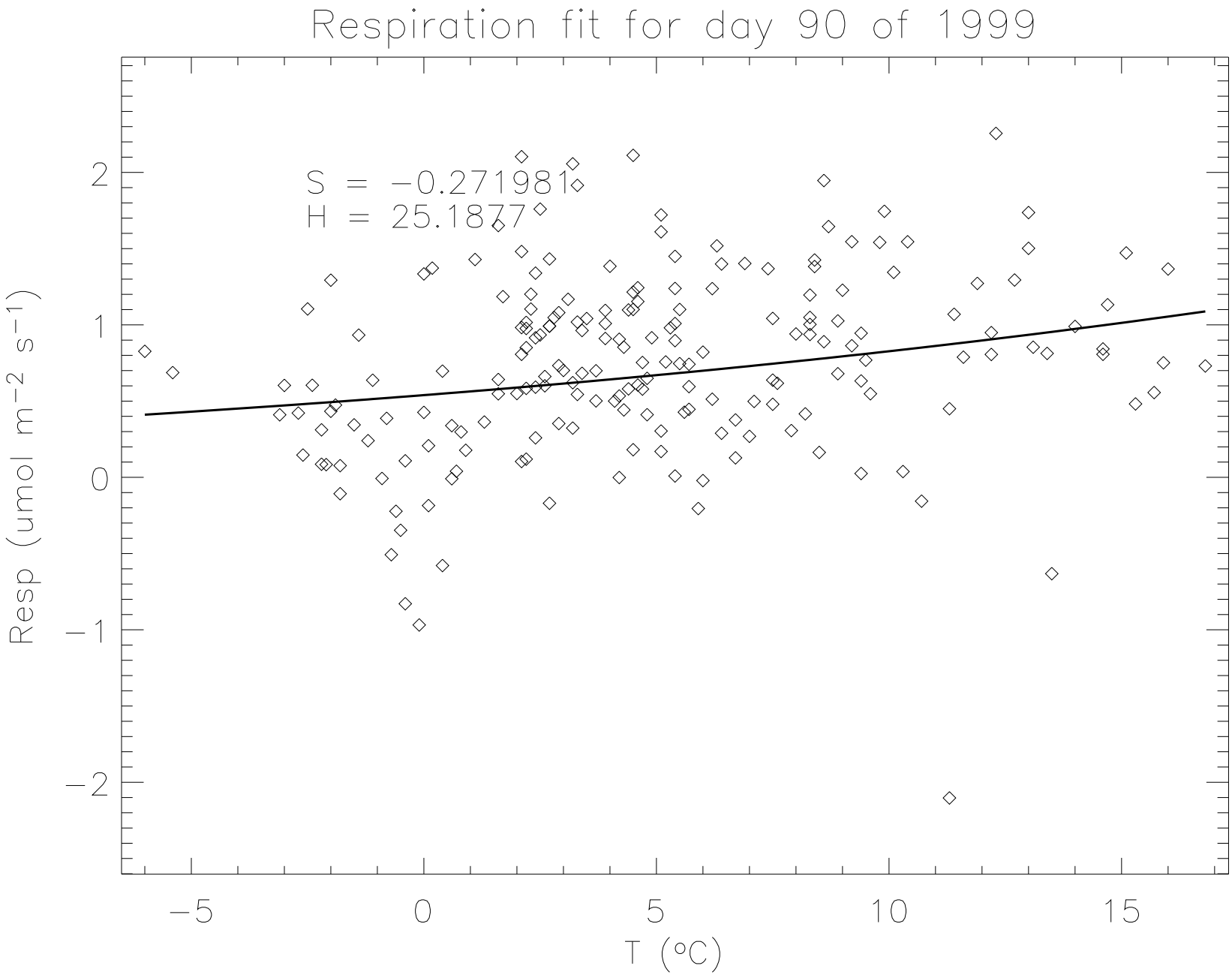
Respiration fit for day 85 of 1999
S = −0.226639
H = 37.7040
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−3
−2
−1
0
1
2

Respiration fit for day 86 of 1999
S = −0.236420
H = 34.9293
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
2
1
0
−1
−2
−3

Respiration fit for day 87 of 1999
S = −0.233444
H = 35.7690
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
−1
0
1
2

Respiration fit for day 88 of 1999
S = −0.236119
H = 35.0578
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
−1
0
1
2

Respiration fit for day 89 of 1999
S = −0.247284
H = 31.95321
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
−1
0
1
2



Respiration fit for day 90 of 1999
S = −0.271981
H = 25.1877
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−2
−5
0
5
10
15

Respiration fit for day 91 of 1999
S = −0.283282
H = 22.0376
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
−1
0
1
2

Respiration fit for day 92 of 1999
S = −0.282048
H = 22.4120
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
−1
0
1
2

Respiration fit for day 93 of 1999
S = −0.291518
H = 19.7650
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
−1
0
1
2

Respiration fit for day 94 of 1999
S = −0.290783
H = 19.9493
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
−1
0
1
2

Respiration fit for day 95 of 1999
S = −0.296055
H = 18.4620
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
−1
0
1
2

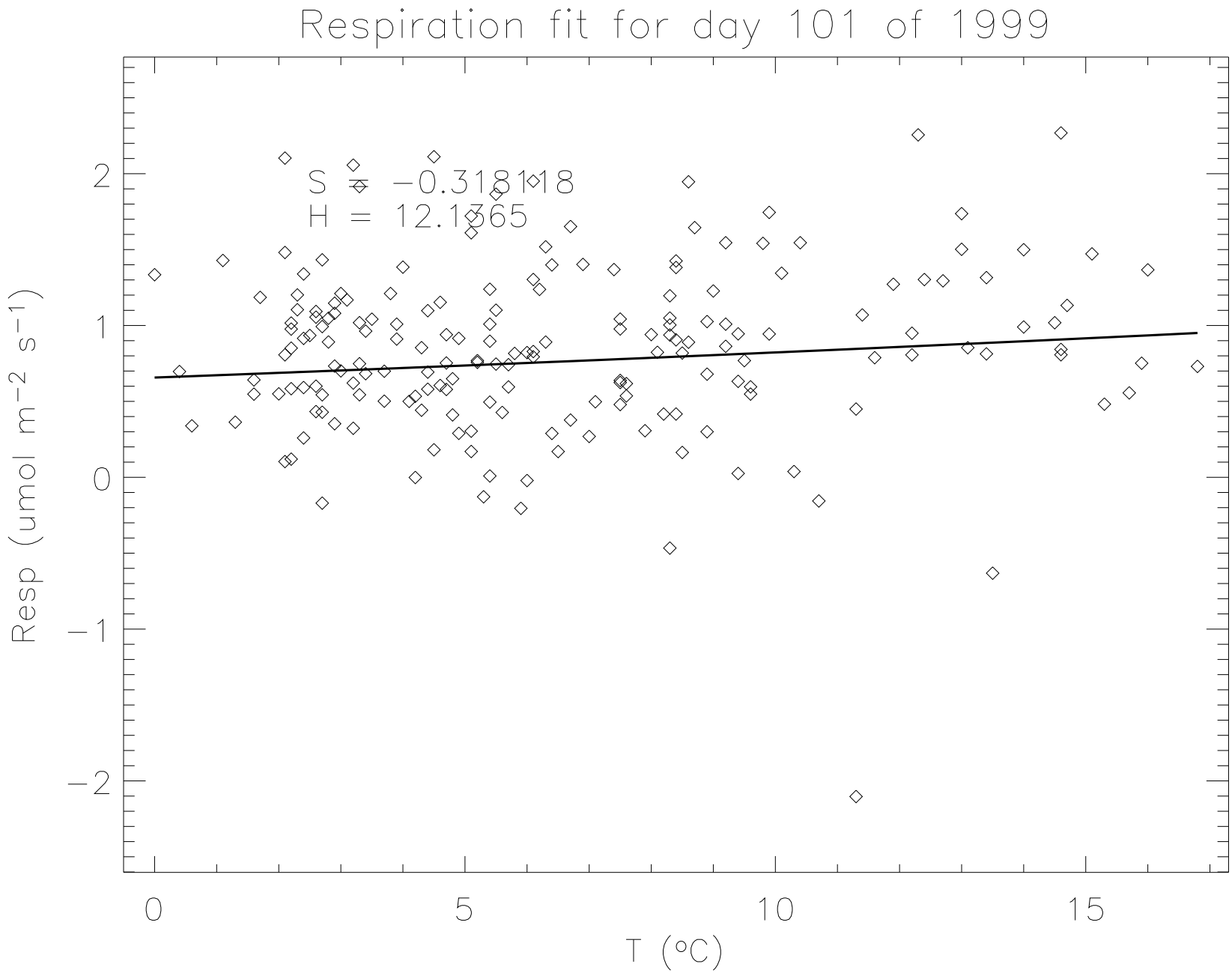
Respiration fit for day 96 of 1999
S = −0.2922516
H = 19.5052
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
−1
0
1
2

Respiration fit for day 97 of 1999
S = −0.294366
H = 18.8986
Resp (umol m−2 s−1)
T (°C)
−5
0
5
10
15
−2
−1
0
1
2

Respiration fit for day 98 of 1999
Resp (umol m-2 s-1)
T (°C)
S = -0.361718
H = -0.00000
-5
0
5
10
15
-2
-1
0
1
2

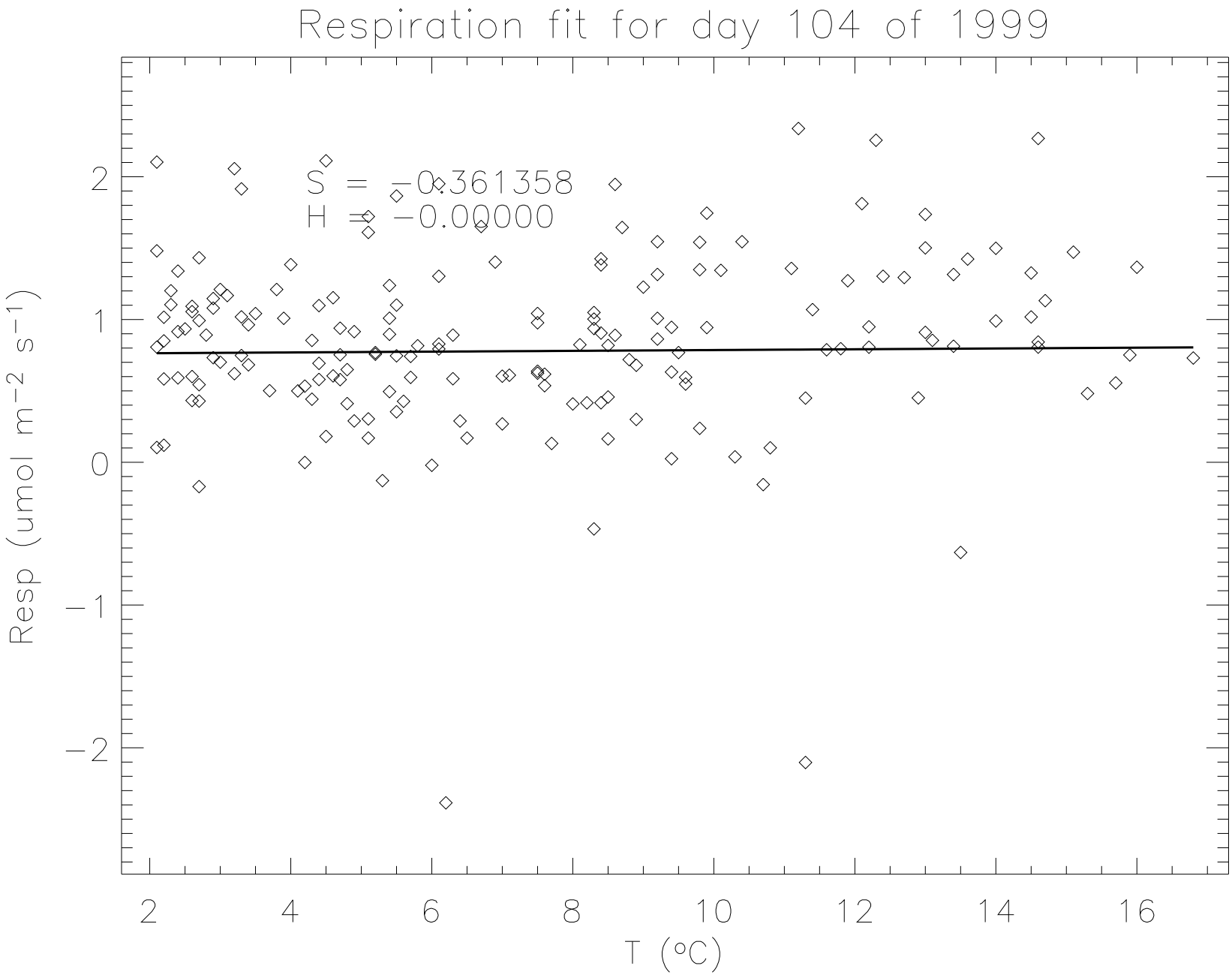
Respiration fit for day 99 of 1999
S = −0.36170
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−2
0
5
10
15

Respiration fit for day 100 of 1999
Resp (umol m-2 s-1)
T (°C)
S = -0.36170
H = -0.00000
2
1
0
-1
-2
0
5
10
15

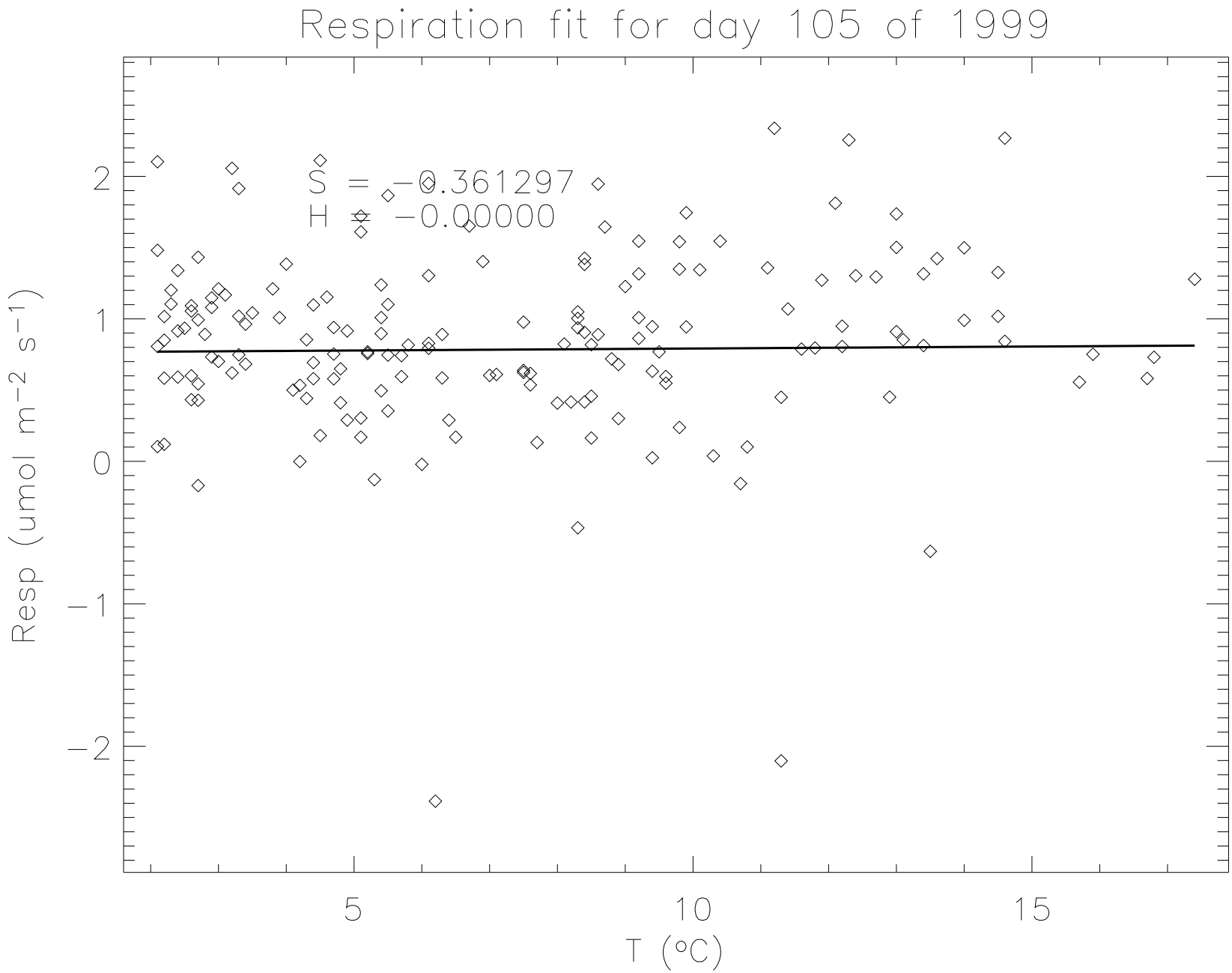

Respiration fit for day 101 of 1999
S = −0.318118
H = 12.1365
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−2
0
5
10
15

Respiration fit for day 102 of 1999
S = −0.361615
H = −0.000000
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−2
0
5
10
15

Respiration fit for day 103 of 1999
S = −0.361578
H = −0.000000
Resp (umol m⁻² s⁻¹)
T (°C)
2
1
0
−1
−2
0
5
10
15



Respiration fit for day 104 of 1999
S = −0.361358
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
2
1
0
−1
−2
2
4
6
8
10
12
14
16


Respiration fit for day 105 of 1999
S = −0.361297
H = −0.00000
Resp (umol m−2 s−1)
2
1
0
−1
−2
5
10
15
T (°C)

Respiration fit for day 106 of 1999
Resp (umol m-2 s-1)
3
2
1
0
-1
-2
T (°C)
5
10
15
S = -0.361319
H = -0.00000

Respiration fit for day 107 of 1999
S = −0.302984
H = 16.2996
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
5
10
15

Respiration fit for day 108 of 1999
S = −0.263399
H = 27.3247
Resp (umol m−2 s−1)
3
2
1
0
−1
−2
T (°C)
5
10
15

Respiration fit for day 109 of 1999
S = −0.208716
H = 42.6216
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
5
10
15
20

Respiration fit for day 110 of 1999
S = −0.190509
H = 47.6483
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
5
10
15
20

Respiration fit for day 111 of 1999
S = −0.174783
H = 52.0780
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
5
10
15
20

Respiration fit for day 112 of 1999
S = −0.172118
H = 52.8455
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−2
0
2
4

Respiration fit for day 113 of 1999
S = −0.180292
H = 50.4948
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
5
10
15
20

Respiration fit for day 114 of 1999
S = −0.177111
H = 51.3319
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−2
0
2
4

Respiration fit for day 115 of 1999
S = −0.164261
H = 54.9382
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−2
0
2
4

Respiration fit for day 116 of 1999
S = −0.151172
H = 58.6000
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
5
10
15
20

Respiration fit for day 117 of 1999
S = −0.116124
H = 68.5312
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
5
10
15
20

Respiration fit for day 118 of 1999
S = −0.123054
H = 66.4674
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
5
10
15
20

Respiration fit for day 119 of 1999
S = −0.115332
H = 68.6322
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
5
10
15
20

Respiration fit for day 120 of 1999
S = −0.0913390
H = 75.3294
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
4
2
0
−2

Respiration fit for day 121 of 1999
S = −0.08273301
H = 77.5285
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−2
0
2
4
6
8
10

Respiration fit for day 122 of 1999
S = −0.09693226
H = 73.4079
Resp (umol m−2 s−1)
10
8
6
4
2
0
−2
T (°C)
5
10
15
20

Respiration fit for day 123 of 1999
S = −0.109844
H = 69.6680
Resp (umol m−2 s−1)
T (°C)
10
8
6
4
2
0
−2
5
10
15
20

Respiration fit for day 124 of 1999
S = −0.111513
H = 69.1173
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−2
0
2
4
6
8
10

Respiration fit for day 125 of 1999
S = −0.0968893
H = 73.2644
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
10
8
6
4
2
0
−2

Respiration fit for day 126 of 1999
S = −0.09673552
H = 73.3076
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−2
0
2
4
6
8
10

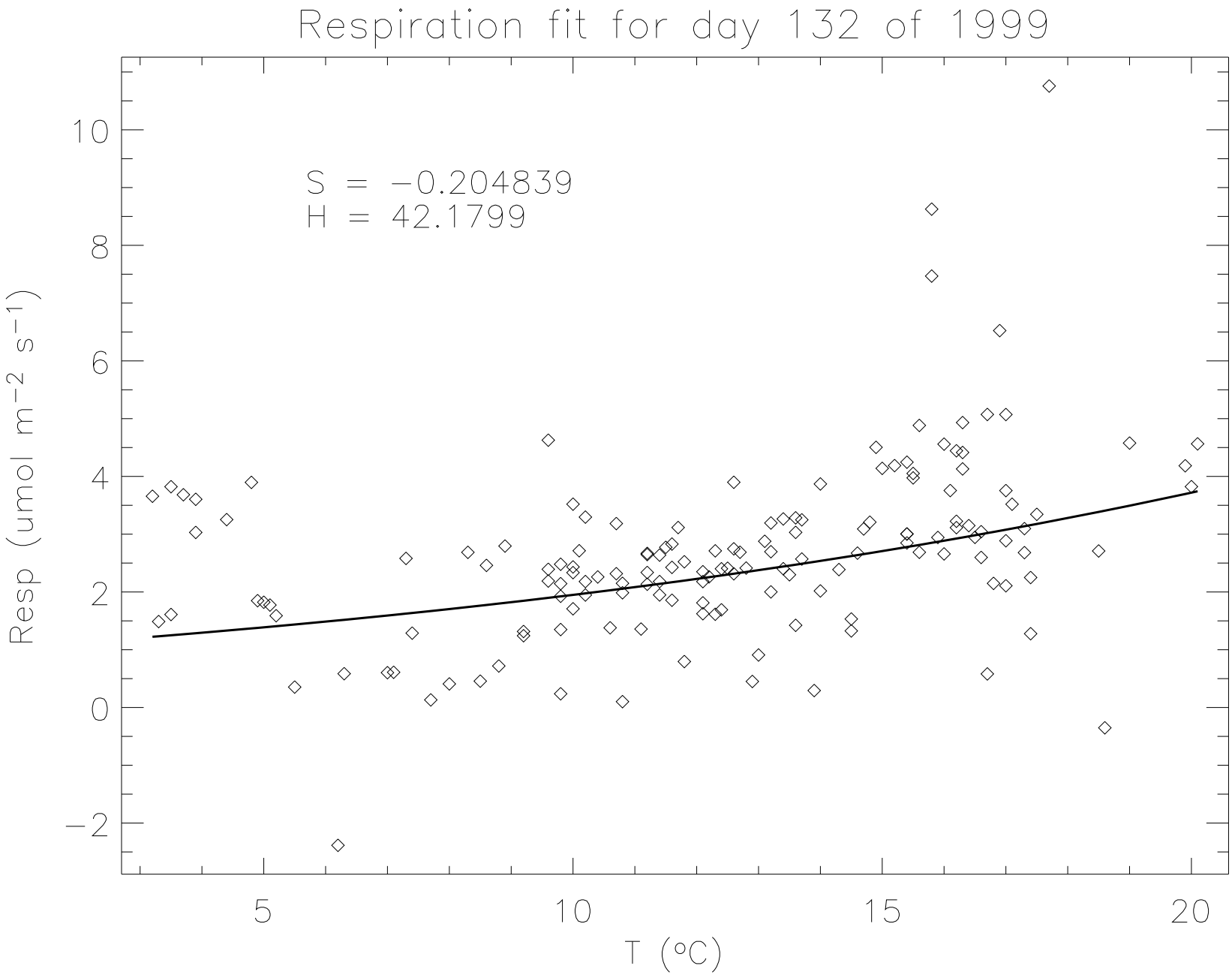
Respiration fit for day 127 of 1999
S = −0.09501159
H = 73.7895
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
10
8
6
4
2
0
−2

Respiration fit for day 128 of 1999
S = −0.152531
H = 57.2644
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−2
0
2
4
6
8
10

Respiration fit for day 129 of 1999
S = −0.202362
H = 42.9540
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−2
0
2
4
6
8
10

Respiration fit for day 130 of 1999
S = −0.208315
H = 41.2241
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
10
5
10
15
20

Respiration fit for day 131 of 1999
S = −0.206904
H = 41.6188
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
−2
0
2
4
6
8
10



Respiration fit for day 132 of 1999
S = −0.204839
H = 42.1799
Resp (umol m−2 s−1)
T (°C)
10
8
6
4
2
0
−2
5
10
15
20

Respiration fit for day 133 of 1999
S = −0.239813
H = 31.9767
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
10
5
10
15
20

Respiration fit for day 134 of 1999
S = −0.2815O3
H = 19.9203
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
10
5
10
15
20

Respiration fit for day 135 of 1999
S = −0.281801
H = 19.7912
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
5
10
15
20

Respiration fit for day 136 of 1999
S = −0.268987
H = 23.4058
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
5
10
15
20

Respiration fit for day 137 of 1999
S = −0.269043
H = 23.3905
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
5
10
15
20

Respiration fit for day 138 of 1999
S = −0.262080
H = 25.3122
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
5
10
15
20

Respiration fit for day 139 of 1999
S = −0.251341
H = 28.2851
Resp (umol m−2 s−1)
T (°C)
10
5
0
−5
5
10
15
20

Respiration fit for day 140 of 1999
S = −0.2511151
H = 28.2778
Resp (umol m−2 s−1)
10
5
0
−5
T (°C)
5
10
15

Respiration fit for day 141 of 1999
S = −0.242295
H = 30.7332
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
25
−10
−5
0
5
10
15

Respiration fit for day 142 of 1999
S = −0.271407
H = 22.45354
Resp (umol m−2 s−1)
15
10
5
0
−5
−10
T (°C)
5
10
15
20
25

Respiration fit for day 143 of 1999
S = −0.231146
H = 33.8304
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
5
10
15
20
25

Respiration fit for day 144 of 1999
S = −0.226424
H = 35.1651
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
−10
5
10
15
20
25

Respiration fit for day 145 of 1999
S = −0.233062
H = 33.3152
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
5
10
15
20
25

Respiration fit for day 146 of 1999
S = −0.240980
H = 30.9967
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
5
10
15
20
25

Respiration fit for day 147 of 1999
S = −0.245867
H = 29.4922
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
5
10
15
20
25

Respiration fit for day 148 of 1999
S = −0.253536
H = 27.1980
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
5
10
15
20
25

Respiration fit for day 149 of 1999
S = −0.258262
H = 25.7945
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
−10
5
10
15
20
25

Respiration fit for day 150 of 1999
S = −0.261196
H = 24.8964
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
5
10
15
20
25

Respiration fit for day 151 of 1999
S = −0.256633
H = 26.2572
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
5
10
15
20
25

Respiration fit for day 152 of 1999
S = −0.254320
H = 26.9344
Resp (umol m−2 s−1)
15
10
5
0
−5
−10
T (°C)
5
10
15
20
25

Respiration fit for day 153 of 1999
S = −0.255972
H = 26.4699
Resp (umol m−2 s−1)
15
10
5
0
−5
−10
T (°C)
5
10
15
20
25

Respiration fit for day 154 of 1999
S = −0.254104
H = 26.9417
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
−10
5
10
15
20
25

Respiration fit for day 155 of 1999
S = −0.2393885
H = 31.0425
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
5
10
15
20
25

Respiration fit for day 156 of 1999
S = −0.241650
H = 30.3814
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
−10
5
10
15
20
25

Respiration fit for day 157 of 1999
S = −0.2212237
H = 36.08014
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
5
10
15
20
25

Respiration fit for day 158 of 1999
S = −0.219640
H = 36.5017
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
−10
5
10
15
20
25

Respiration fit for day 159 of 1999
S = −0.208760
H = 39.6613
Resp (umol m−2 s−1)
T (°C)
−10
−5
0
5
10
15
5
10
15
20
25

Respiration fit for day 160 of 1999
S = −0.2051691
H = 40.67844
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
25
−10
−5
0
5
10
15

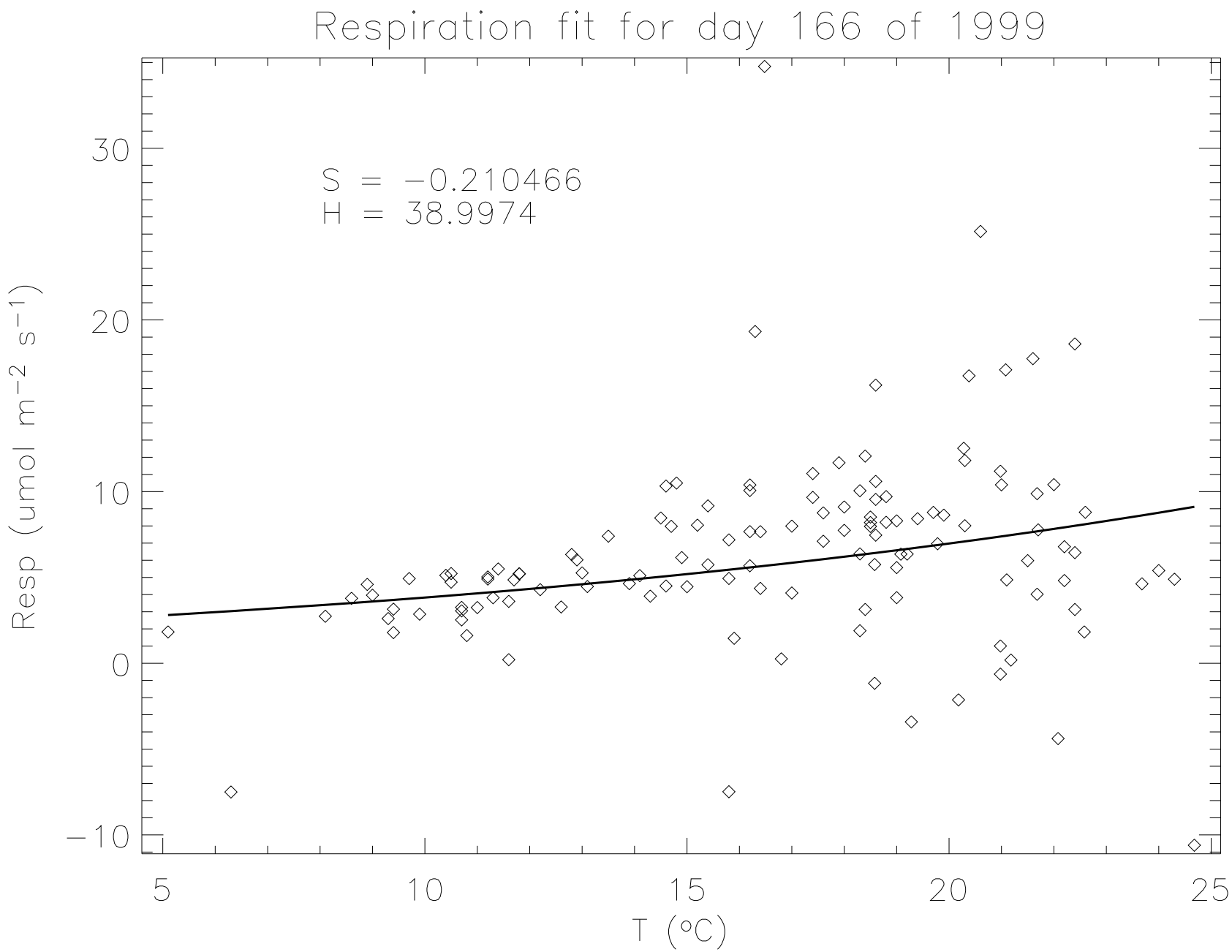
Respiration fit for day 161 of 1999
S = −0.193842
H = 43.9610
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
25
−10
−5
0
5
10
15

Respiration fit for day 162 of 1999
S = −0.215115
H = 37.7631
Resp (umol m−2 s−1)
T (°C)
15
10
5
0
−5
−10
5
10
15
20
25

Respiration fit for day 163 of 1999
S = −0.207609
H = 39.8593
Resp (umol m−2 s−1)
−10
0
10
20
30
T (°C)
5
10
15
20
25

Respiration fit for day 164 of 1999
S = −0.202034
H = 41.4904
Resp (umol m−2 s−1)
T (°C)
−10
0
10
20
30
5
10
15
20
25

Respiration fit for day 165 of 1999
S = −0.2072222
H = 39.9554
Resp (umol m−2 s−1)
−10
0
10
20
30
T (°C)
5
10
15
20
25


Respiration fit for day 166 of 1999
S = −0.210466
H = 38.9974
Resp (umol m−2 s−1)
30
20
10
0
−10
5
10
15
20
25
T (°C)

Respiration fit for day 167 of 1999
S = −0.210801
H = 38.9053
Resp (umol m−2 s−1)
T (°C)
−10
0
10
20
30
5
10
15
20
25

Respiration fit for day 168 of 1999
S = −0.203341
H = 41.0326
Resp (umol m−2 s−1)
T (°C)
−10
0
10
20
30
5
10
15
20
25

Respiration fit for day 169 of 1999
S = −0.190562
H = 44.7046
Resp (umol m−2 s−1)
T (°C)
−10
0
10
20
30
5
10
15
20
25

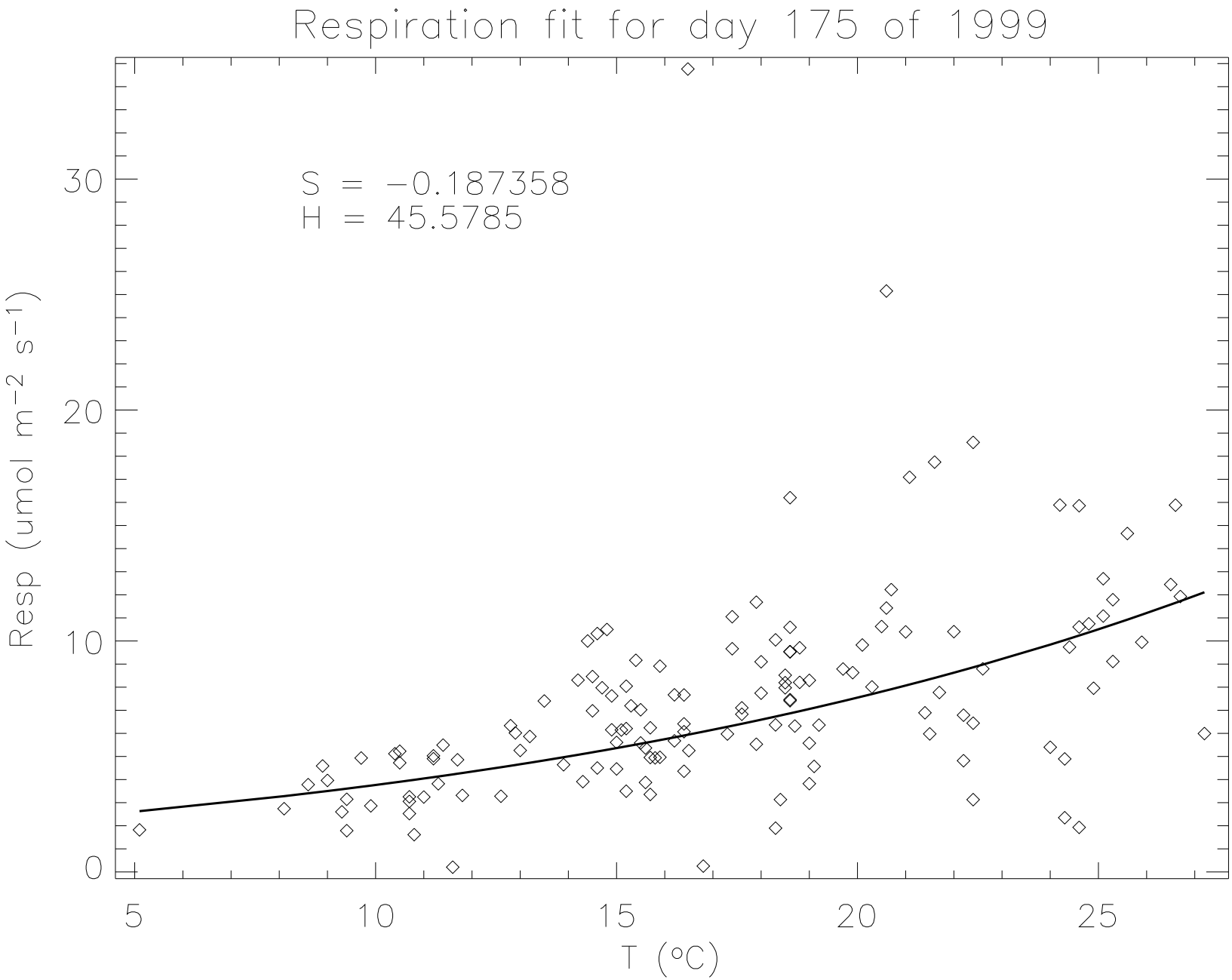
Respiration fit for day 170 of 1999
S = −0.191016
H = 44.5792
Resp (umol m−2 s−1)
−10
0
10
20
30
T (°C)
5
10
15
20
25

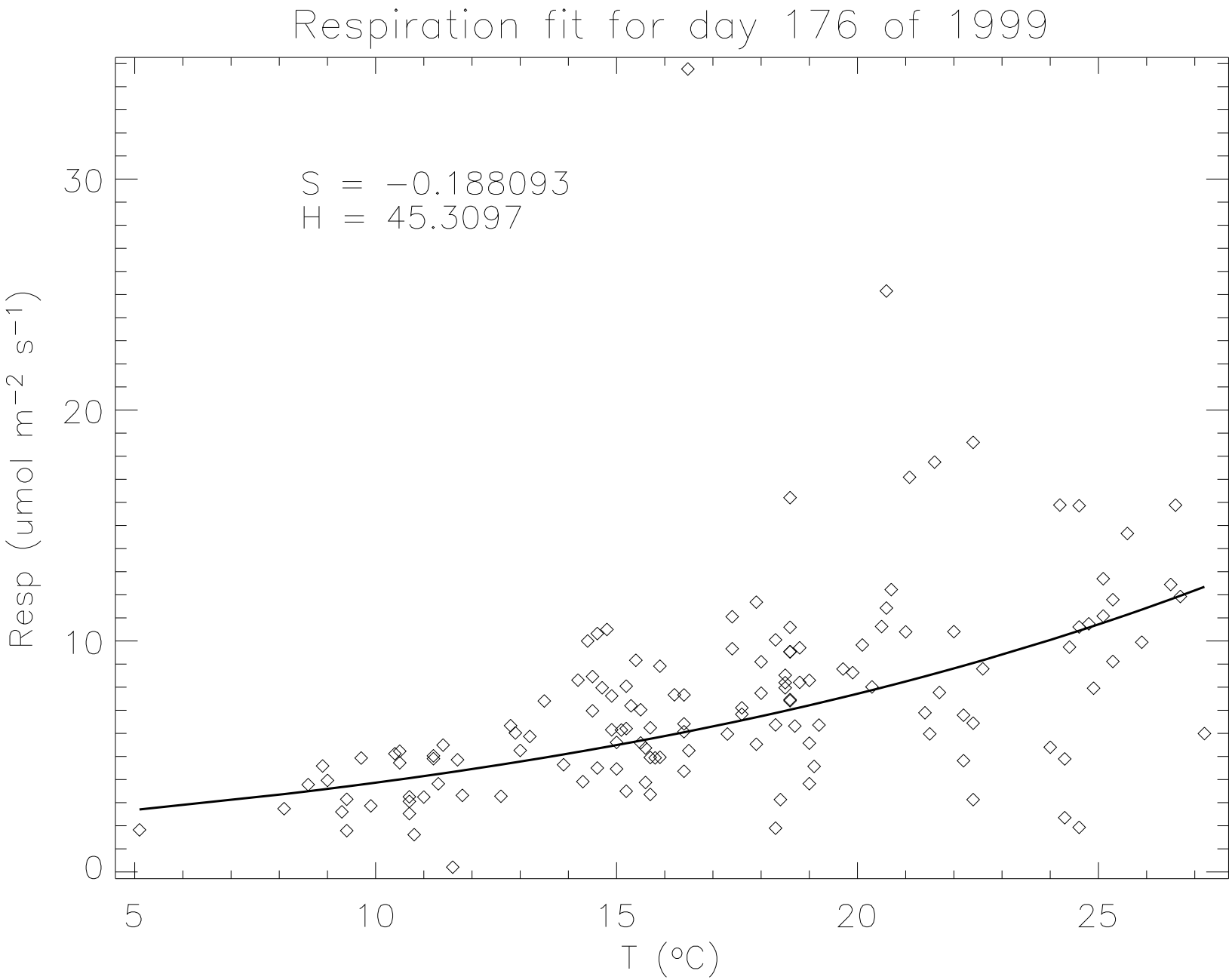
Respiration fit for day 171 of 1999
S = −0.205669
H = 40.3783
Resp (umol m−2 s−1)
T (°C)
−10
0
10
20
30
5
10
15
20
25

Respiration fit for day 172 of 1999
S = −0.198833
H = 42.3259
Resp (umol m−2 s−1)
0
10
20
30
T (°C)
5
10
15
20
25

Respiration fit for day 173 of 1999
S = −0.186464
H = 45.7917
Resp (umol m−2 s−1)
T (°C)
0
10
20
30
5
10
15
20
25

Respiration fit for day 174 of 1999
S = −0.189252
H = 45.0210
Resp (umol m−2 s−1)
T (°C)
0
10
20
30
5
10
15
20
25

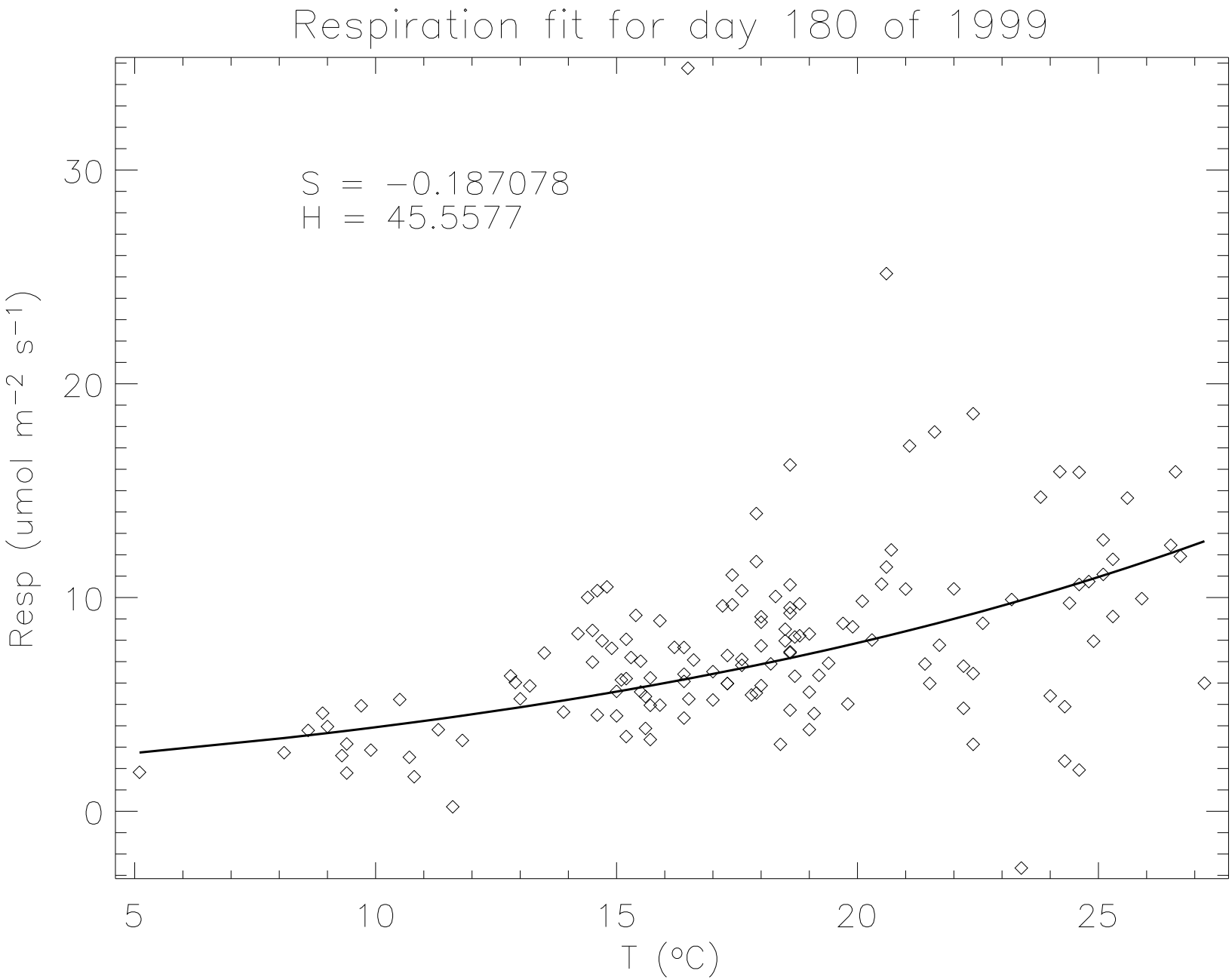

Respiration fit for day 175 of 1999
S = −0.187358
H = 45.5785
Resp (umol m−2 s−1)
0
10
20
30
5
10
15
20
25
T (°C)


Respiration fit for day 176 of 1999
S = −0.188093
H = 45.3097
Resp (umol m−2 s−1)
0
10
20
30
5
10
15
20
25
T (°C)

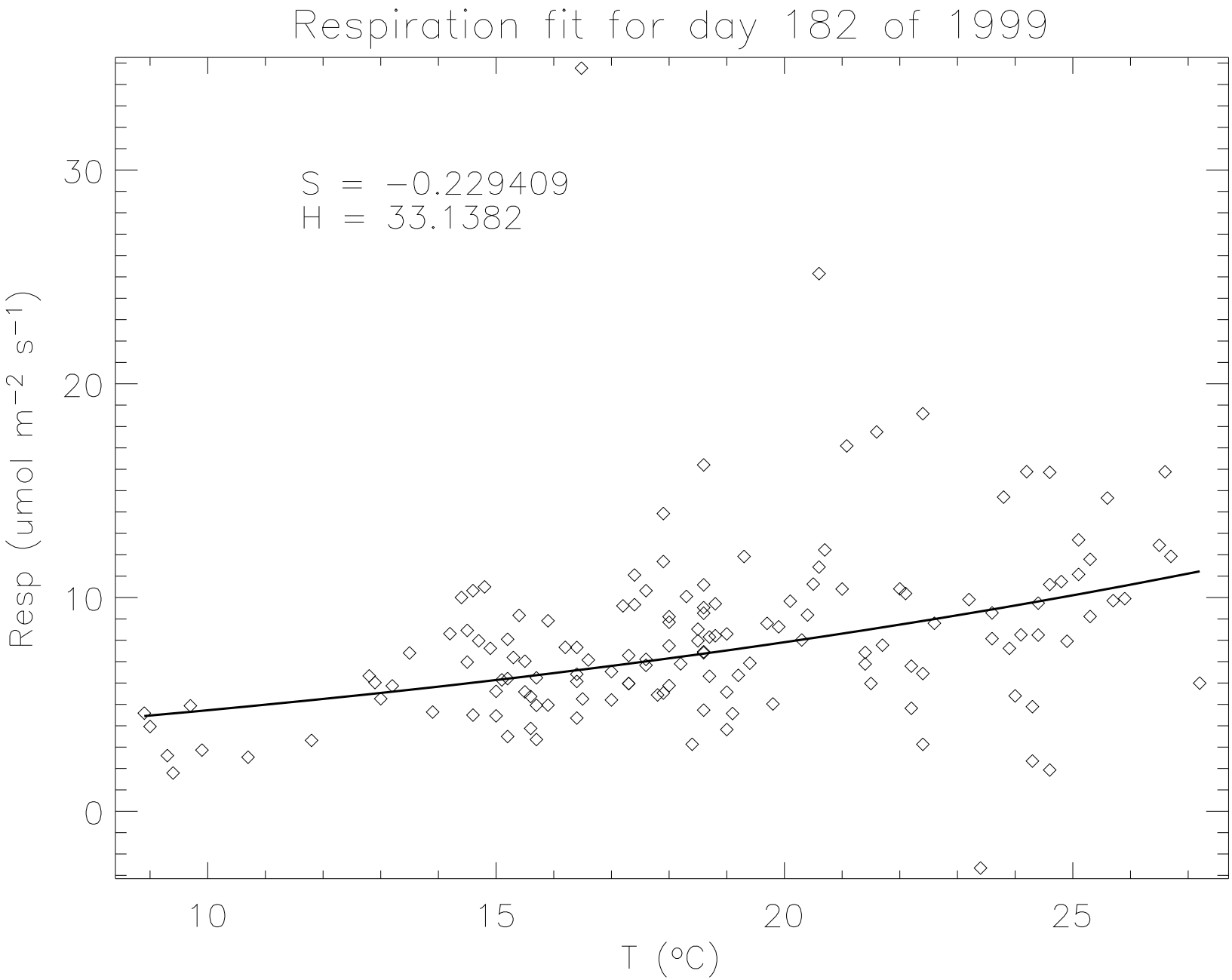
Respiration fit for day 177 of 1999
S = −0.188093
H = 45.3097
Resp (umol m−2 s−1)
T (°C)
0
10
20
30
5
10
15
20
25

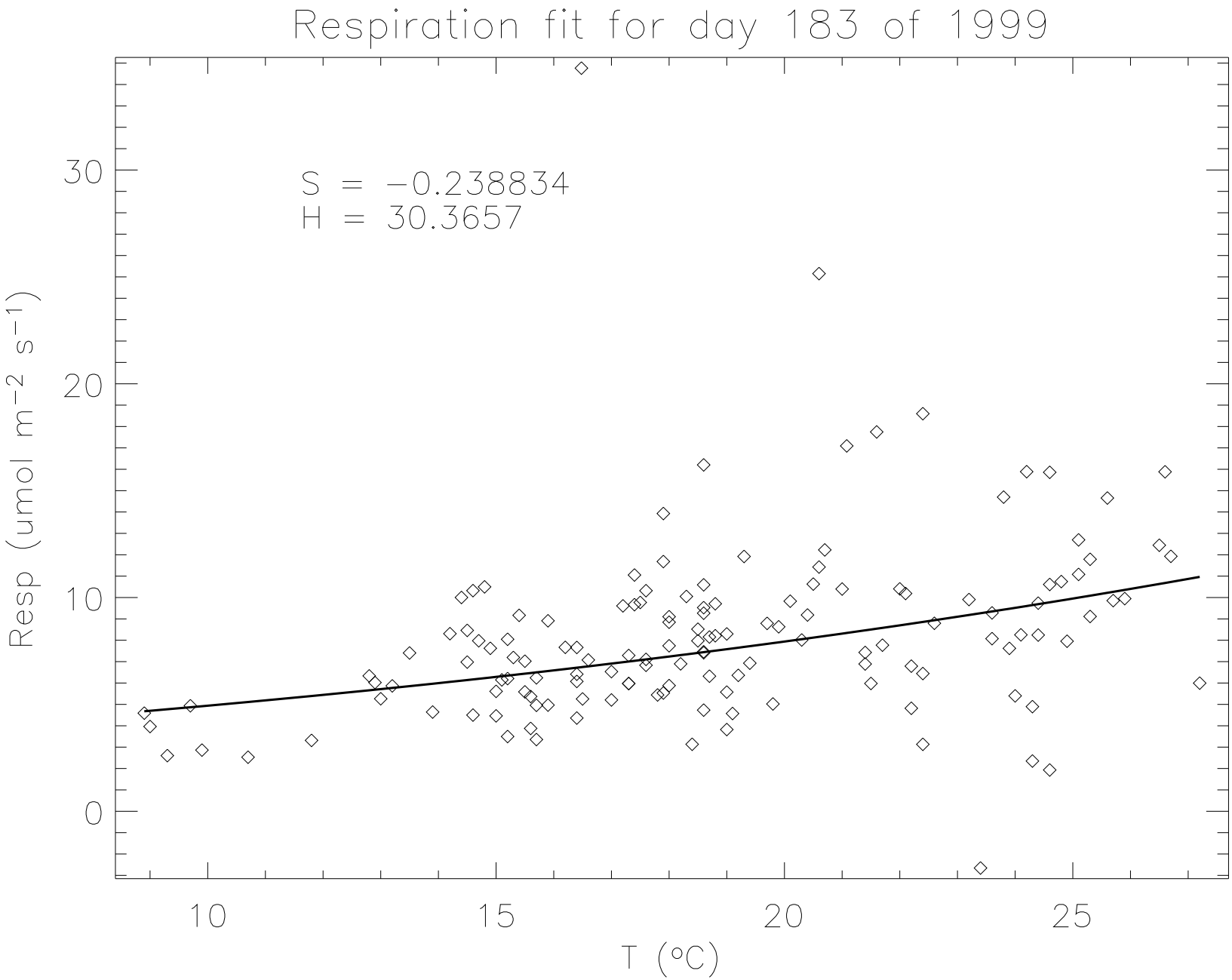
Respiration fit for day 178 of 1999
S = −0.187243
H = 45.5616
Resp (umol m−2 s−1)
T (°C)
0
10
20
30
5
10
15
20
25

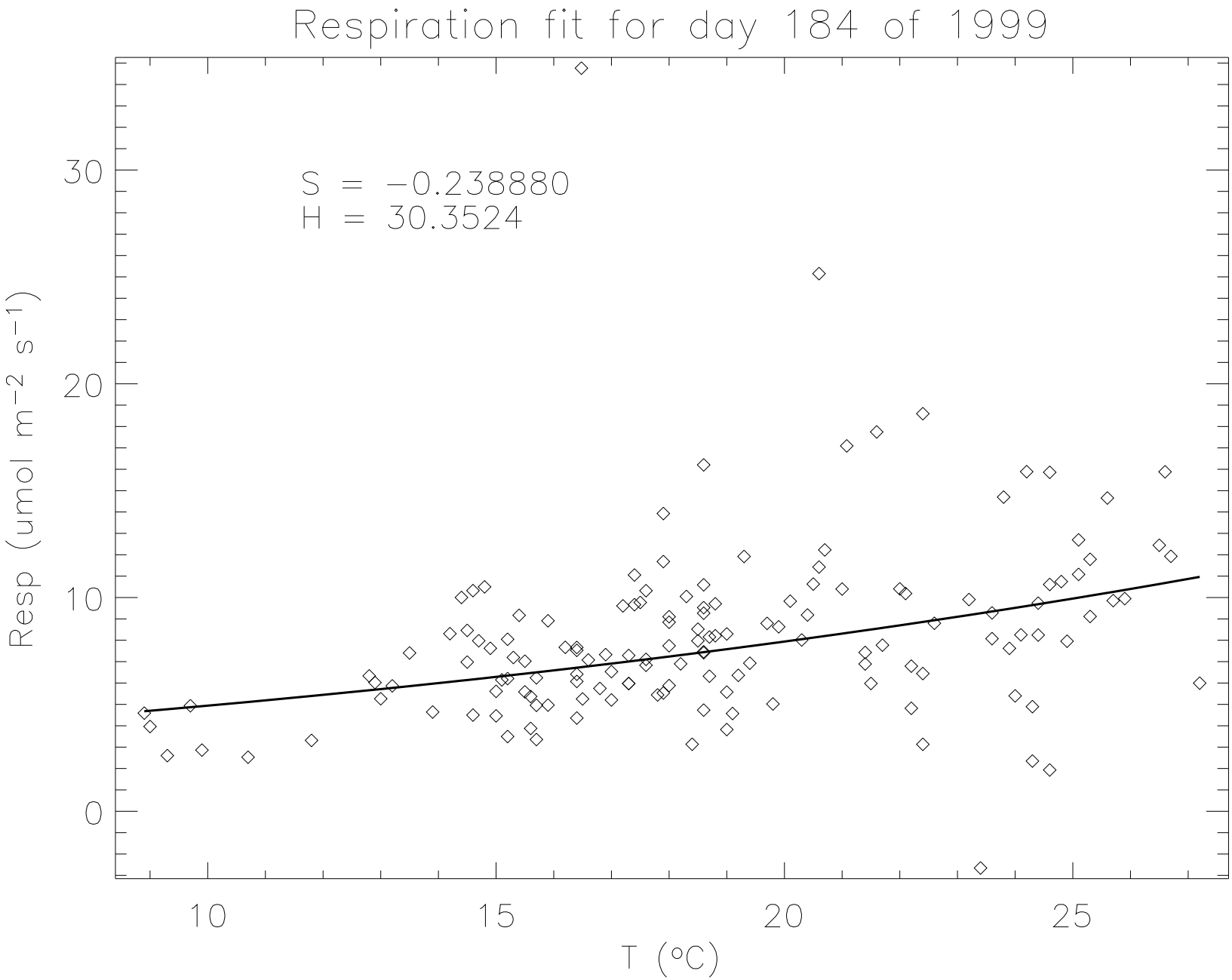
Respiration fit for day 179 of 1999
S = −0.186767
H = 45.6848
Resp (umol m−2 s−1)
T (°C)
0
10
20
30
5
10
15
20
25


Respiration fit for day 180 of 1999
S = −0.187078
H = 45.5577
Resp (umol m−2 s−1)
0
10
20
30
5
10
15
20
25
T (°C)

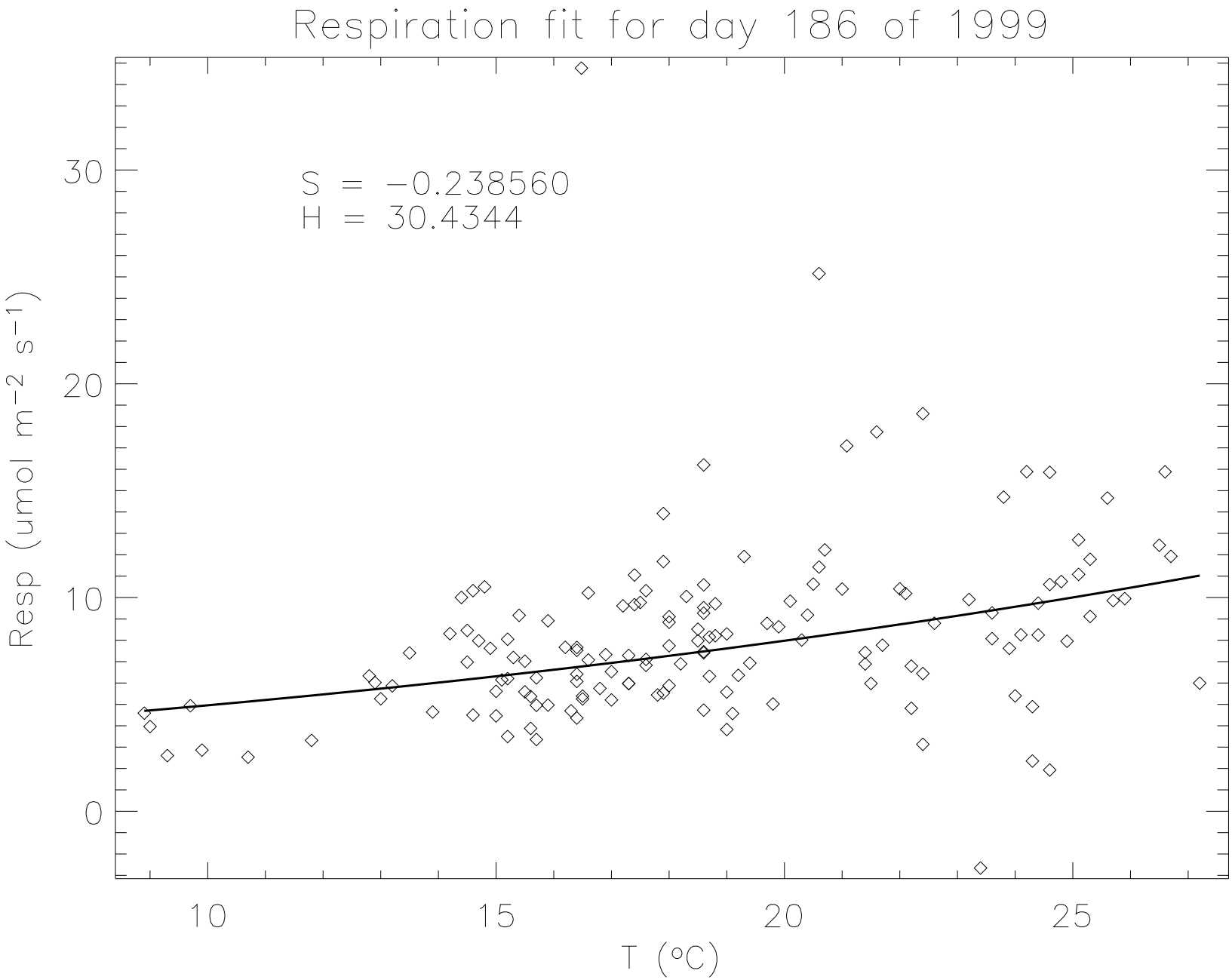
Respiration fit for day 181 of 1999
S = −0.189919
H = 44.7271
Resp (umol m−2 s−1)
T (°C)
0
10
20
30
5
10
15
20
25

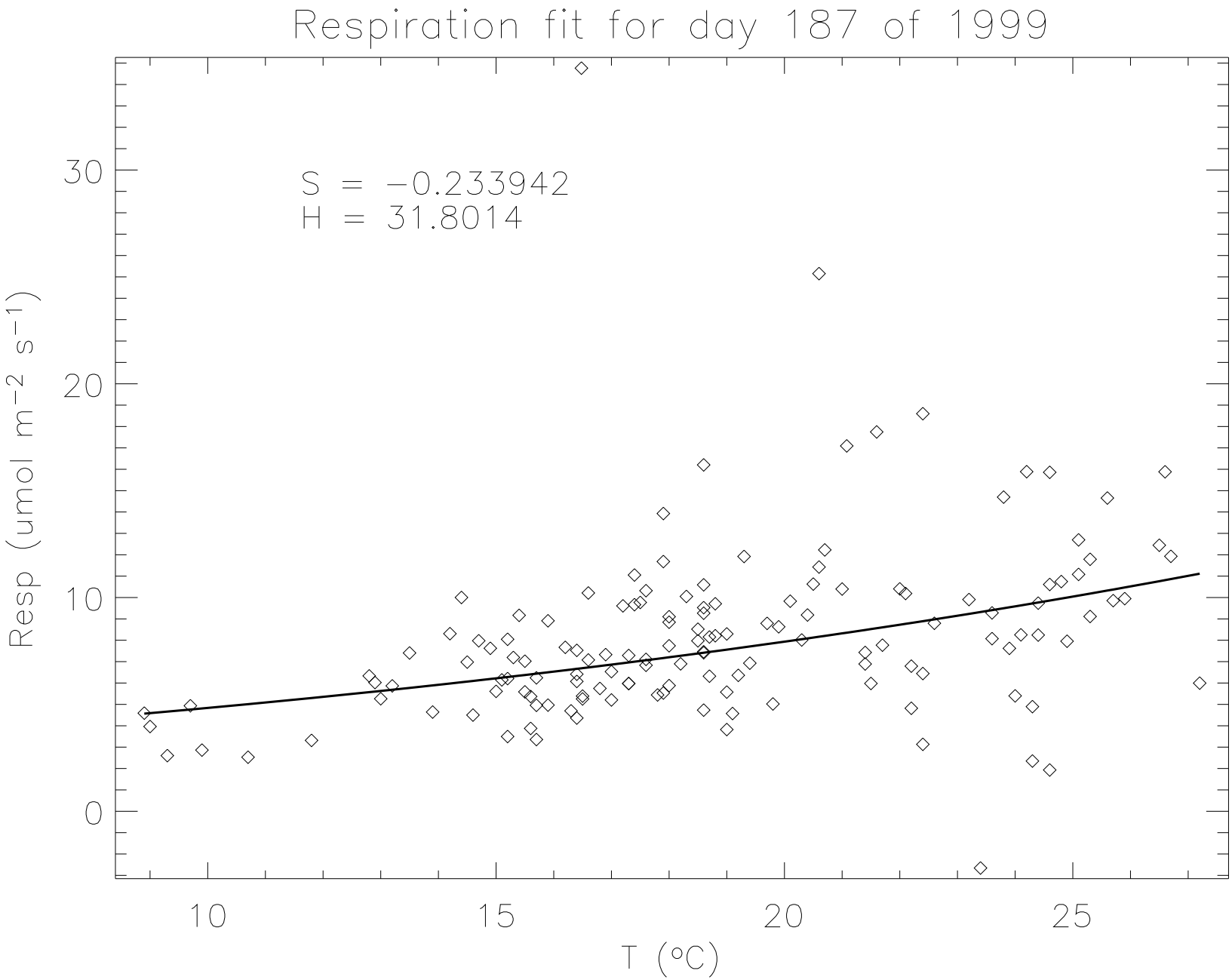

Respiration fit for day 182 of 1999
S = −0.229409
H = 33.1382
Resp (umol m−2 s−1)
0
10
20
30
10
15
20
25
T (°C)


Respiration fit for day 183 of 1999
S = −0.238834
H = 30.3657
Resp (umol m−2 s−1)
30
20
10
0
10
15
20
25
T (°C)


Respiration fit for day 184 of 1999
S = −0.238880
H = 30.3524
Resp (umol m−2 s−1)
0
10
20
30
10
15
20
25
T (°C)

Respiration fit for day 185 of 1999
S = −0.238418
H = 30.4897
Resp (umol m−2 s−1)
T (°C)
0
10
20
30
10
15
20
25


Respiration fit for day 186 of 1999
S = −0.238560
H = 30.4344
Resp (umol m−2 s−1)
0
10
20
30
10
15
20
25
T (°C)


Respiration fit for day 187 of 1999
S = −0.233942
H = 31.8014
Resp (umol m−2 s−1)
0
10
20
30
10
15
20
25
T (°C)

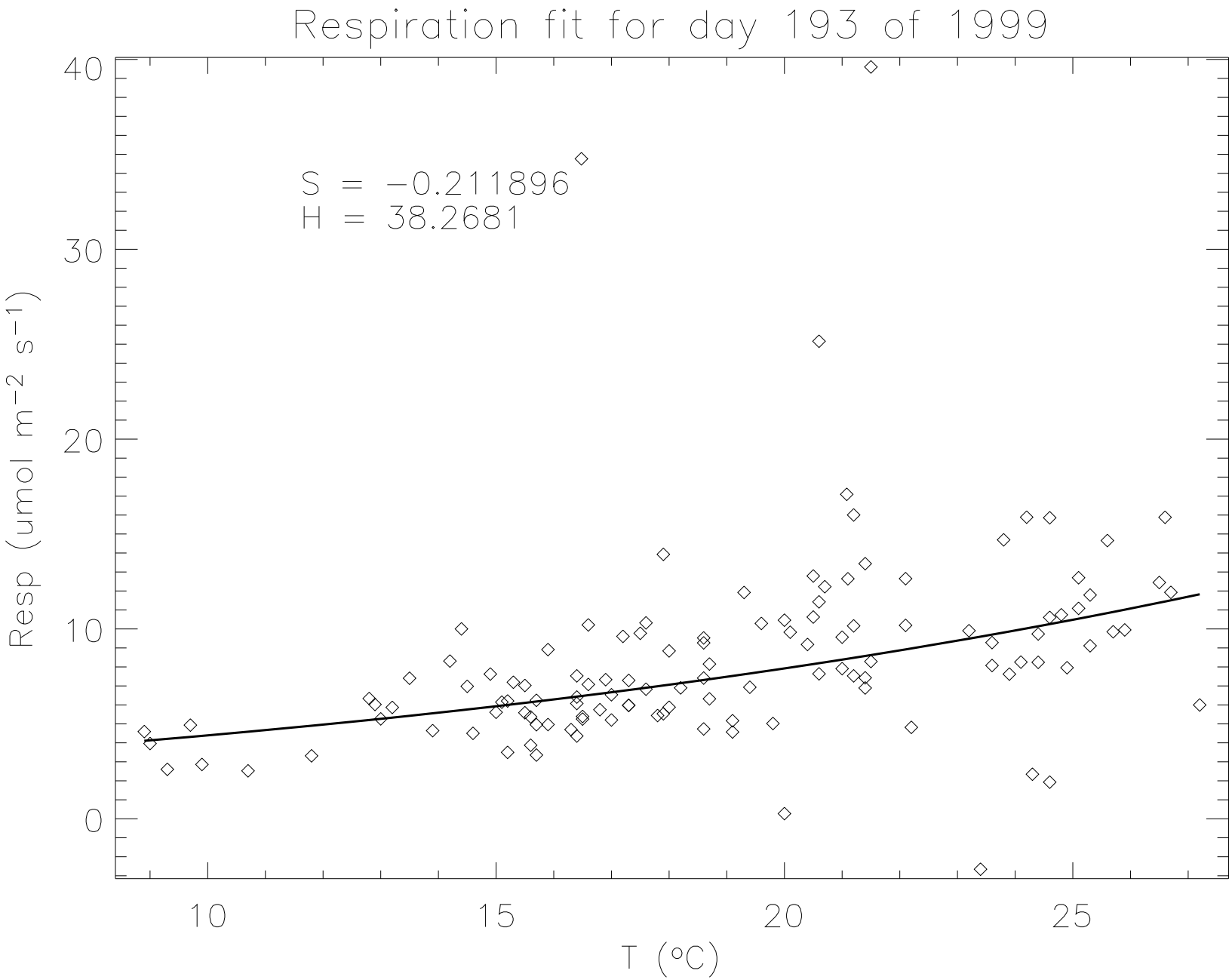
Respiration fit for day 188 of 1999
S = −0.229718
H = 33.0588
Resp (umol m−2 s−1)
T (°C)
0
10
20
30
10
15
20
25

Respiration fit for day 189 of 1999
Resp (umol m^{-2} s^{-1})
T (°C)
S = −0.222363
H = 35.2100
40
30
20
10
0
10
15
20
25

Respiration fit for day 190 of 1999
S = −0.214453
H = 37.4982
Resp (umol m−2 s−1)
T (°C)
0
10
20
30
40
10
15
20
25

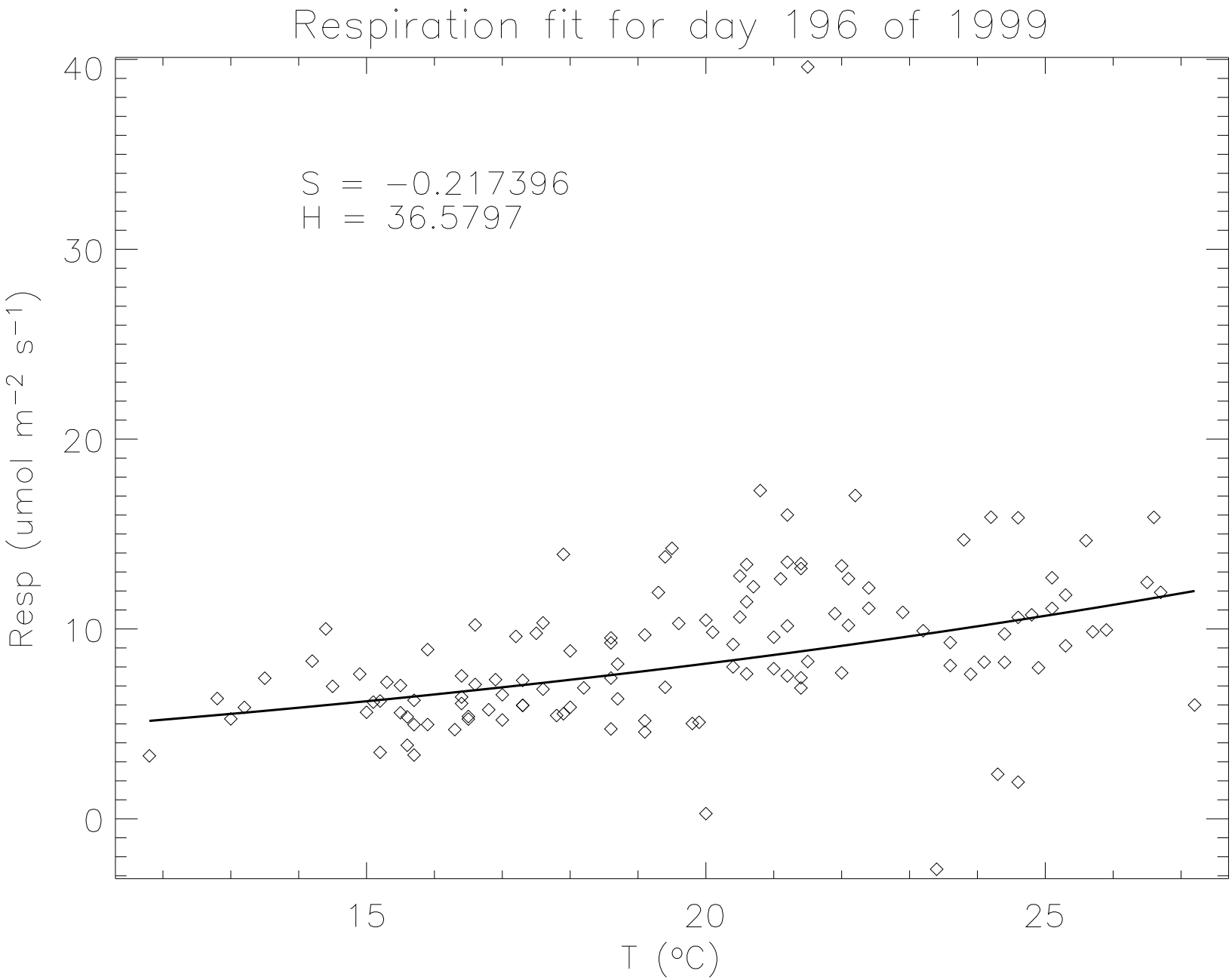
Respiration fit for day 191 of 1999
S = −0.213454
H = 37.7784
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
10
15
20
25

Respiration fit for day 192 of 1999
S = −0.216288
H = 37.0205
Resp (umol m−2 s−1)
T (°C)
0
10
20
30
40
10
15
20
25

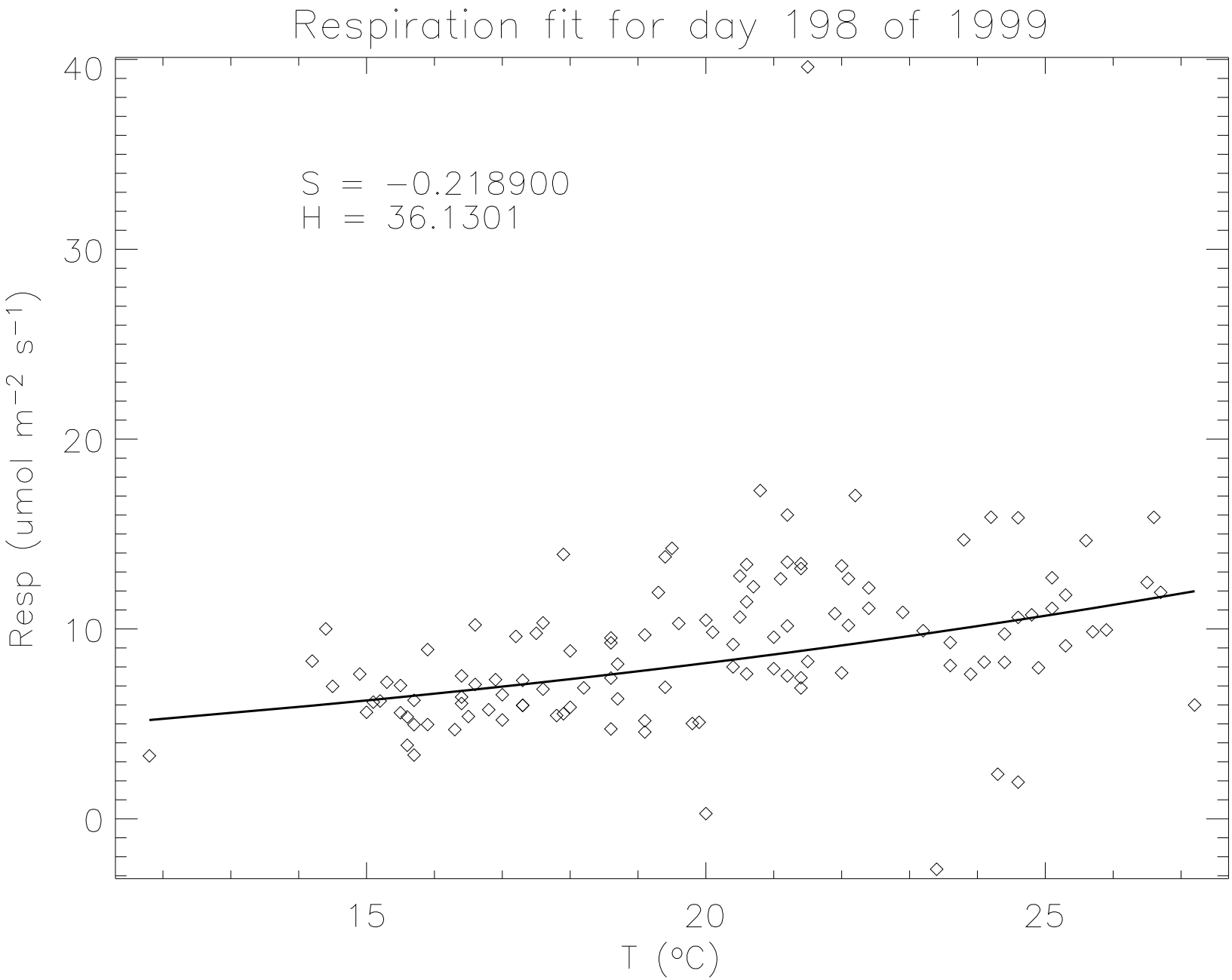

Respiration fit for day 193 of 1999
S = −0.211896
H = 38.2681
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
10
15
20
25

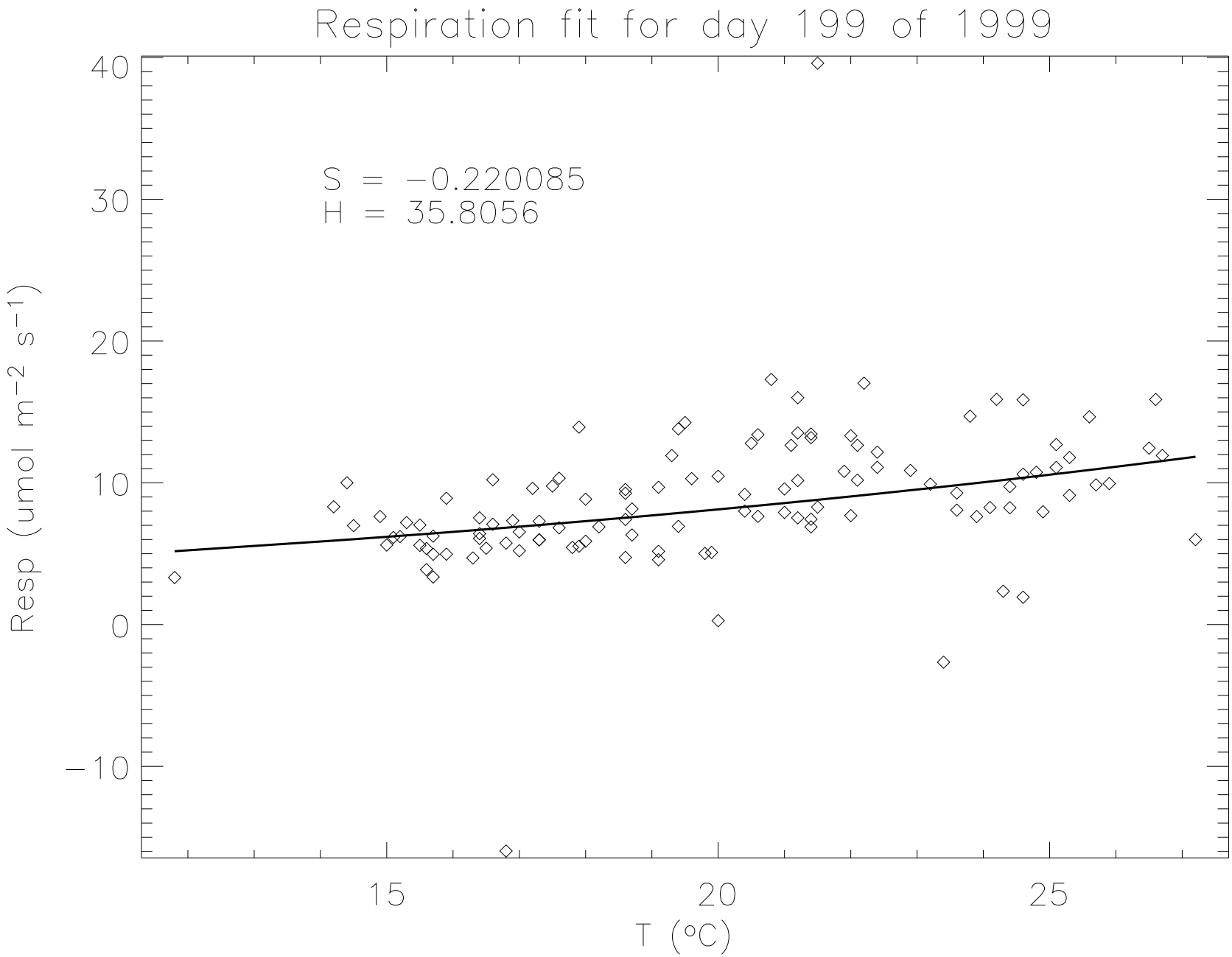
Respiration fit for day 194 of 1999
S = −0.203464
H = 40.7322
Resp (umol m−2 s−1)
T (°C)
0
10
20
30
40
10
15
20
25

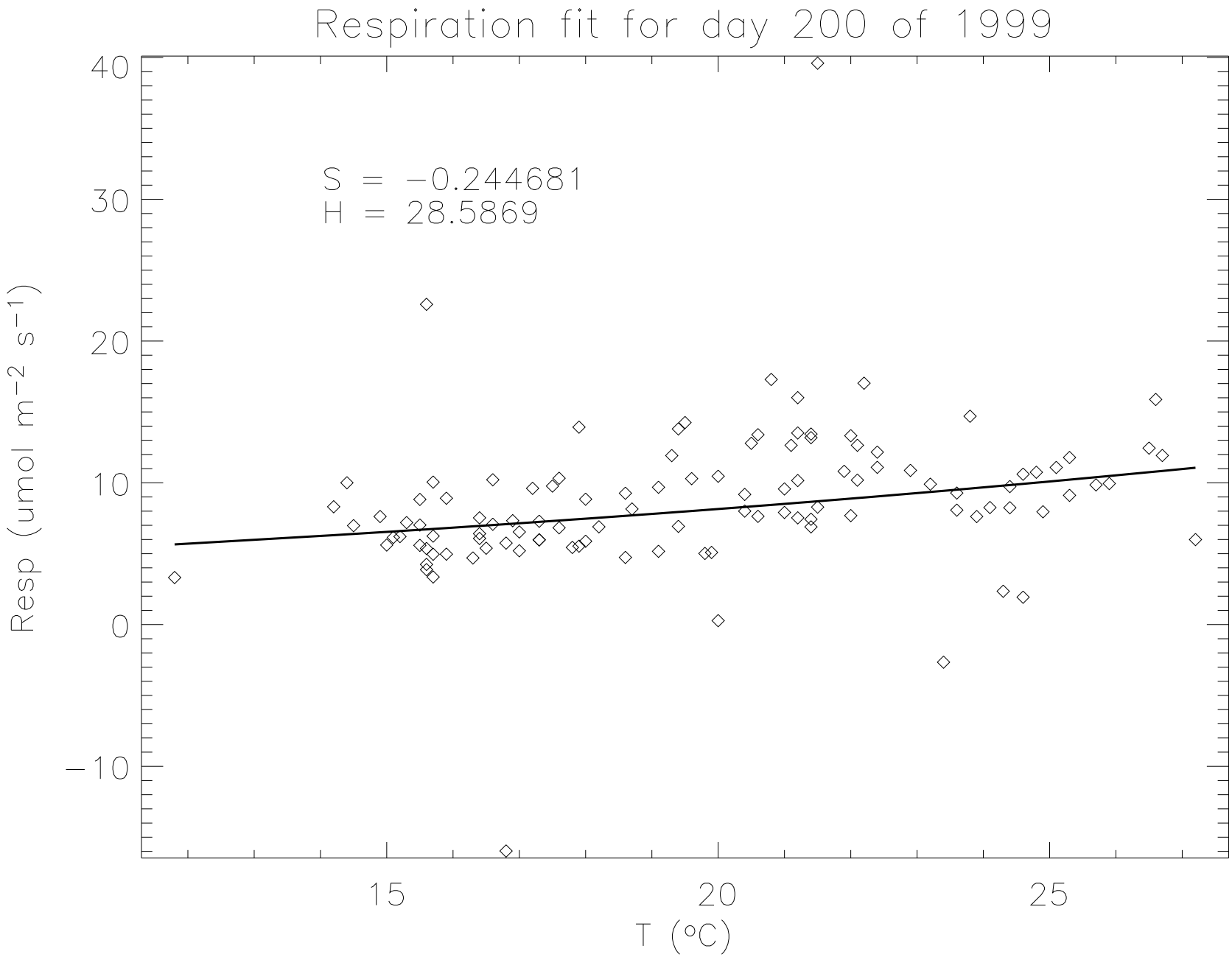
Respiration fit for day 195 of 1999
S = −0.212591
H = 38.0011
Resp (umol m−2 s−1)
T (°C)
0
10
20
30
40
10
15
20
25

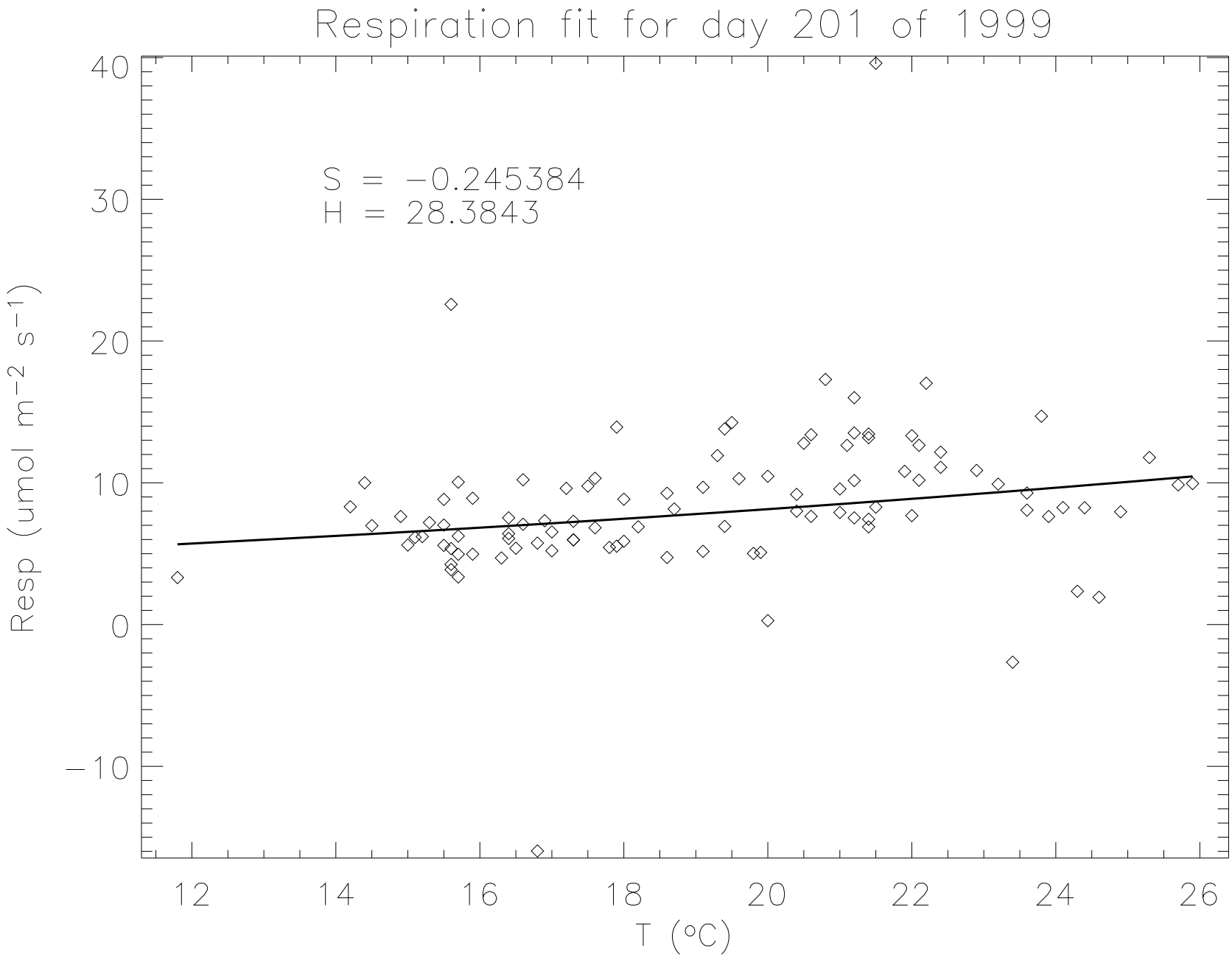

Respiration fit for day 196 of 1999
S = −0.217396
H = 36.5797
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
15
20
25

Respiration fit for day 197 of 1999
S = −0.213384
H = 37.7624
Resp (umol m−2 s−1)
0
10
20
30
40
T (°C)
15
20
25


Respiration fit for day 198 of 1999
S = −0.218900
H = 36.1301
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
15
20
25


Respiration fit for day 199 of 1999
S = −0.220085
H = 35.8056
Resp (umol m−2 s−1)
40
30
20
10
0
−10
15
20
25
T (°C)

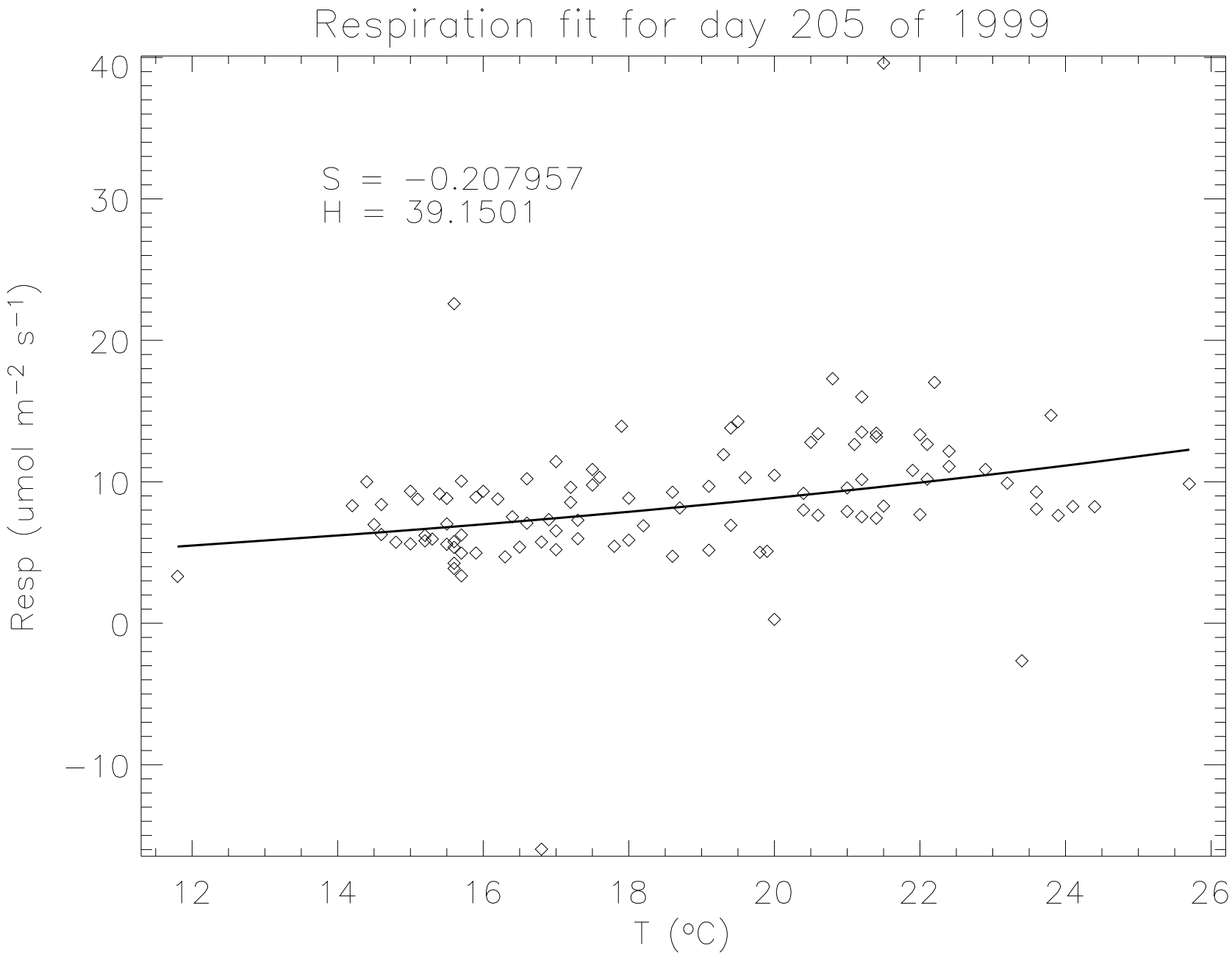

Respiration fit for day 200 of 1999
S = −0.244681
H = 28.5869
Resp (umol m−2 s−1)
40
30
20
10
0
−10
15
20
25
T (°C)


Respiration fit for day 201 of 1999
S = −0.245384
H = 28.3843
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24
26

Respiration fit for day 202 of 1999
S = −0.247678
H = 27.7005
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24
26

Respiration fit for day 203 of 1999
S = −0.195139
H = 42.9361
Resp (umol m−2 s−1)
40
30
20
10
0
−10
T (°C)
12
14
16
18
20
22
24
26

Respiration fit for day 204 of 1999
S = −0.201480
H = 41.0721
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24
26


Respiration fit for day 205 of 1999
S = −0.207957
H = 39.1501
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24
26

Respiration fit for day 206 of 1999
S = −0.2104483
H = 38.3875
Resp (umol m−2 s−1)
40
30
20
10
0
−10
T (°C)
12
14
16
18
20
22
24
26

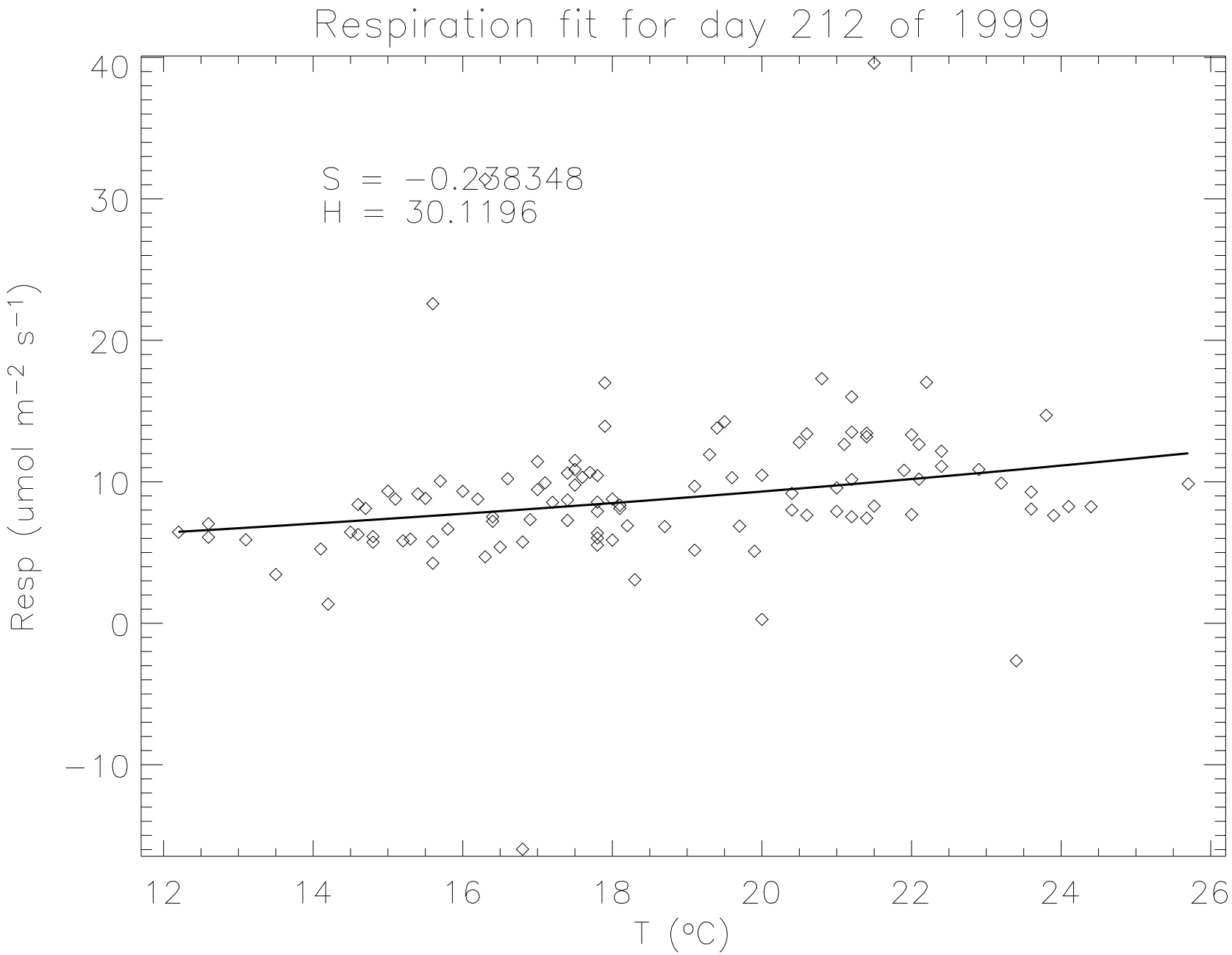
Respiration fit for day 207 of 1999
S = −0.206480
H = 39.8303
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24
26

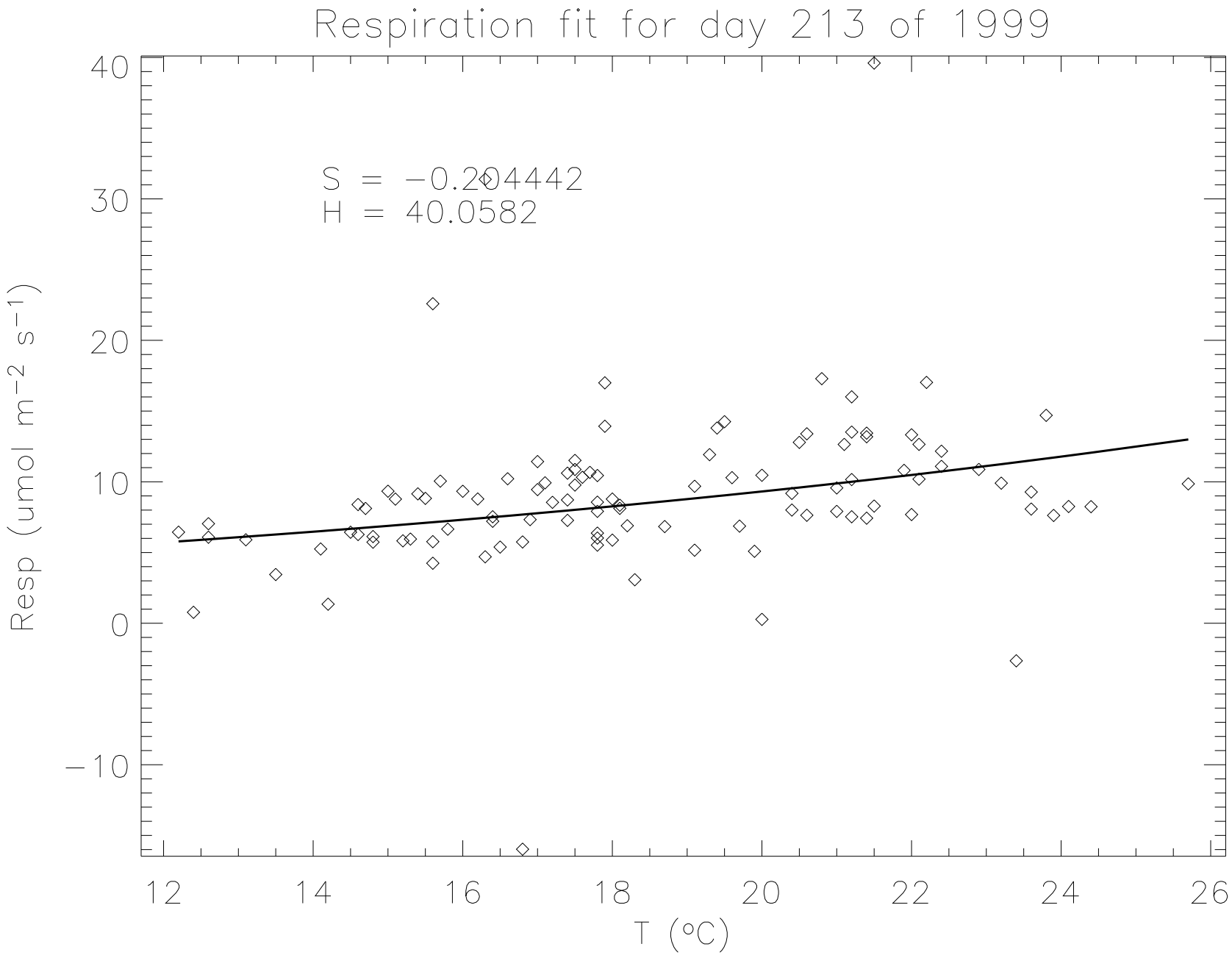
Respiration fit for day 208 of 1999
S = −0.216915
H = 37.3453
Resp (umol m−2 s−1)
40
30
20
10
0
−10
T (°C)
12
14
16
18
20
22
24
26

Respiration fit for day 209 of 1999
S = −0.239672
H = 29.7683
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24
26

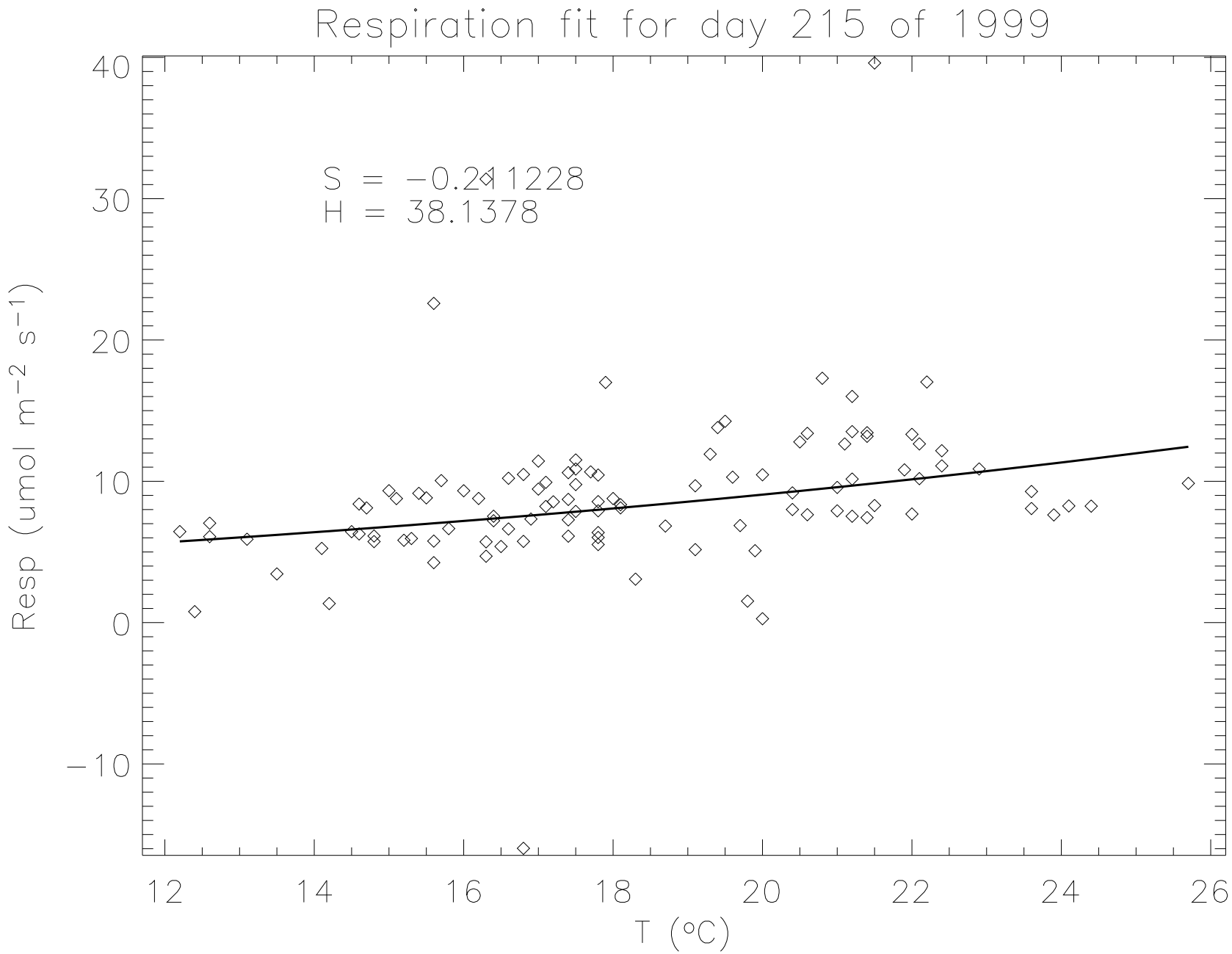
Respiration fit for day 210 of 1999
S = −0.239672
H = 29.7683
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24
26

Respiration fit for day 211 of 1999
S = −0.239813
H = 29.7071
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24
26


Respiration fit for day 212 of 1999
S = −0.238348
H = 30.1196
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24
26


Respiration fit for day 213 of 1999
S = −0.204442
H = 40.0582
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24
26

Respiration fit for day 214 of 1999
S = −0.240530
H = 38.3247
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24
26

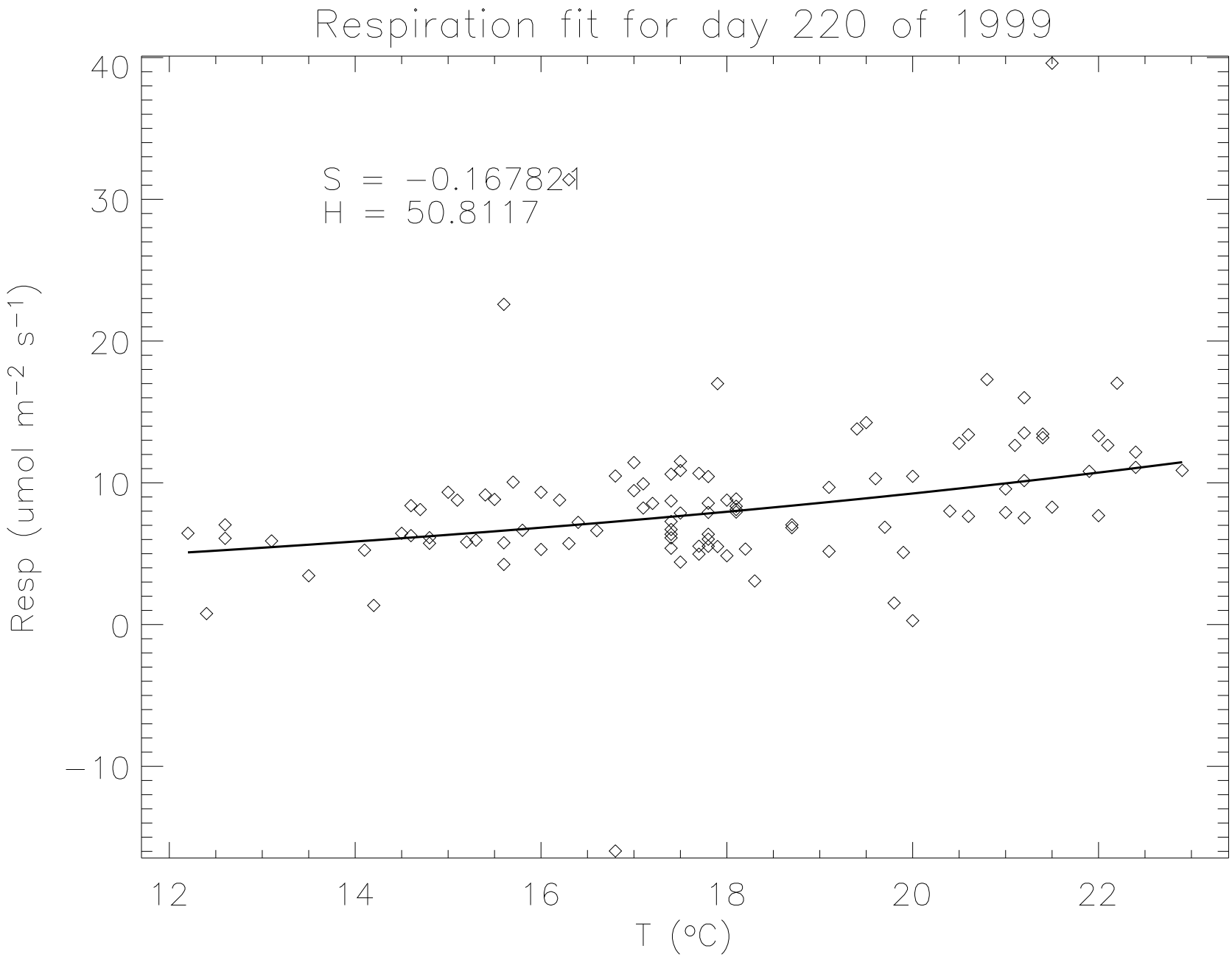

Respiration fit for day 215 of 1999
S = −0.241228
H = 38.1378
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24
26

Respiration fit for day 216 of 1999
S = −0.200216
H = 41.3930
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22
24

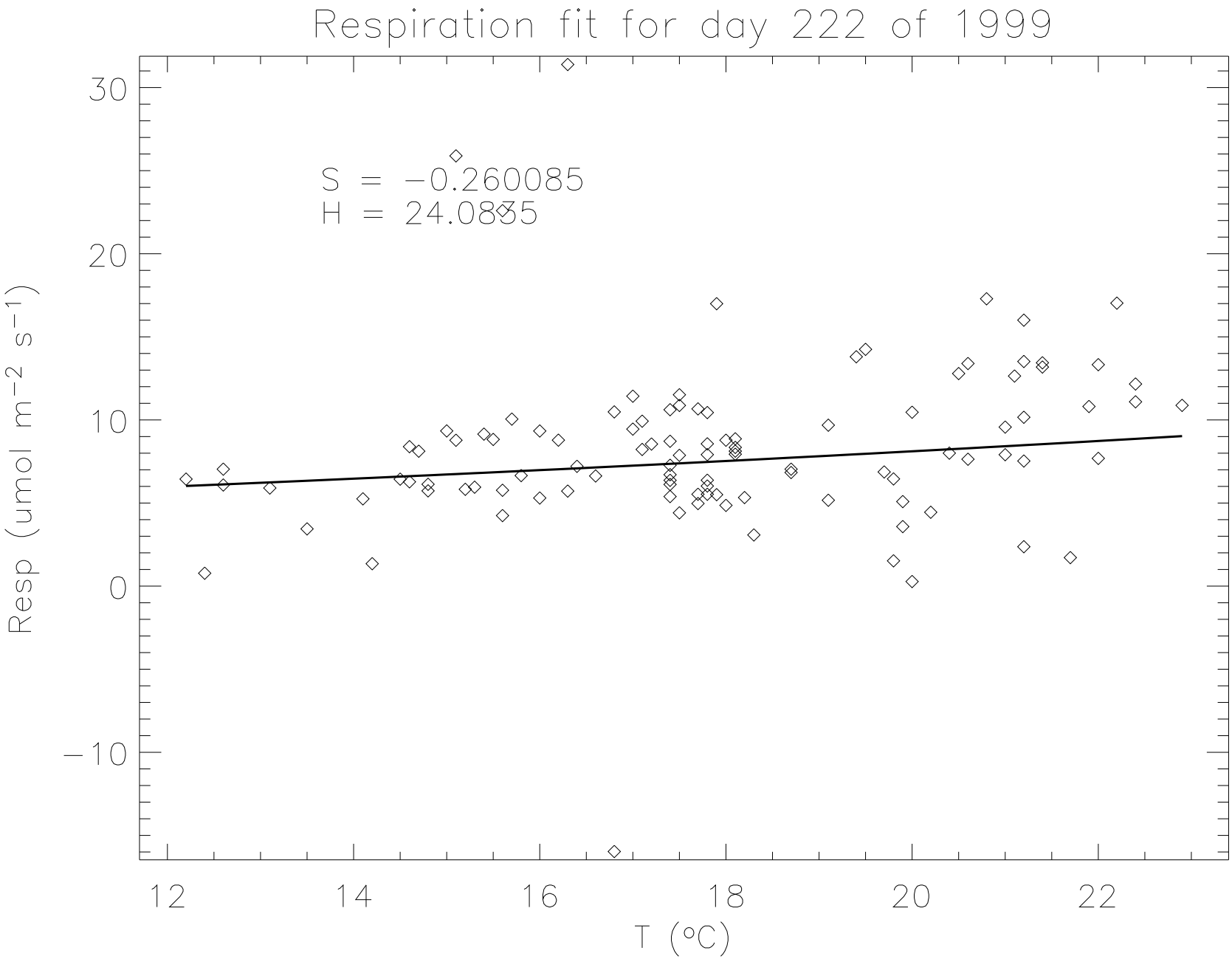
Respiration fit for day 217 of 1999
Resp (umol m^{-2} s^{-1})
T (°C)
S = −0.166653
H = 51.1369
40
30
20
10
0
−10
12
14
16
18
20
22

Respiration fit for day 218 of 1999
S = −0.165766
H = 51.4173
Resp (umol m−2 s−1)
40
30
20
10
0
−10
T (°C)
12
14
16
18
20
22

Respiration fit for day 219 of 1999
S = −0.167824
H = 50.8117
Resp (umol m−2 s−1)
T (°C)
40
30
20
10
0
−10
12
14
16
18
20
22


Respiration fit for day 220 of 1999
S = −0.167821
H = 50.8117
Resp (umol m−2 s−1)
40
30
20
10
0
−10
12
14
16
18
20
22
T (°C)

Respiration fit for day 221 of 1999
S = −0.233784
H = 31.6875
Resp (umol m−2 s−1)
40
30
20
10
0
−10
T (°C)
12
14
16
18
20
22



Respiration fit for day 222 of 1999
S = −0.260085
H = 24.0835
Resp (umol m−2 s−1)
T (°C)
30
20
10
0
−10
12
14
16
18
20
22

Respiration fit for day 223 of 1999
S = −0.230276
H = 32.7869
Resp (umol m−2 s−1)
T (°C)
30
20
10
0
−10
10
12
14
16
18
20
22

Respiration fit for day 224 of 1999
S = −0.240107
H = 29.95445
Resp (umol m−2 s−1)
T (°C)
30
20
10
0
−10
10
12
14
16
18
20
22

Respiration fit for day 225 of 1999
S = −0.211902
H = 38.0708
Resp (umol m−2 s−1)
30
20
10
0
−10
T (°C)
10
15
20

Respiration fit for day 226 of 1999
S = −0.238277
H = 30.5075
Resp (umol m−2 s−1)
−10
0
10
20
30
T (°C)
10
15
20

Respiration fit for day 227 of 1999
S = −0.258312
H = 24.7687
Resp (umol m−2 s−1)
−10
0
10
20
30
T (°C)
10
15
20

Respiration fit for day 228 of 1999
S = −0.258778
H = 24.6353
Resp (umol m−2 s−1)
−10
0
10
20
30
T (°C)
10
15
20

Respiration fit for day 229 of 1999
S = −0.2654493
H = 22.7259
Resp (umol m−2 s−1)
−10
0
10
20
30
T (°C)
10
15
20

Respiration fit for day 230 of 1999
S = −0.274107
H = 20.2536
Resp (umol m−2 s−1)
T (°C)
30
25
20
15
10
5
10
15
20

Respiration fit for day 231 of 1999
S = −0.266561
H = 22.4617
Resp (umol m−2 s−1)
T (°C)
30
25
20
15
10
5
10
15
20

Respiration fit for day 232 of 1999
S = −0.2776885
H = 19.2750
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
25
30
10
15
20

Respiration fit for day 233 of 1999
S = −0.279792
H = 18.6788
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
25
30
10
15
20

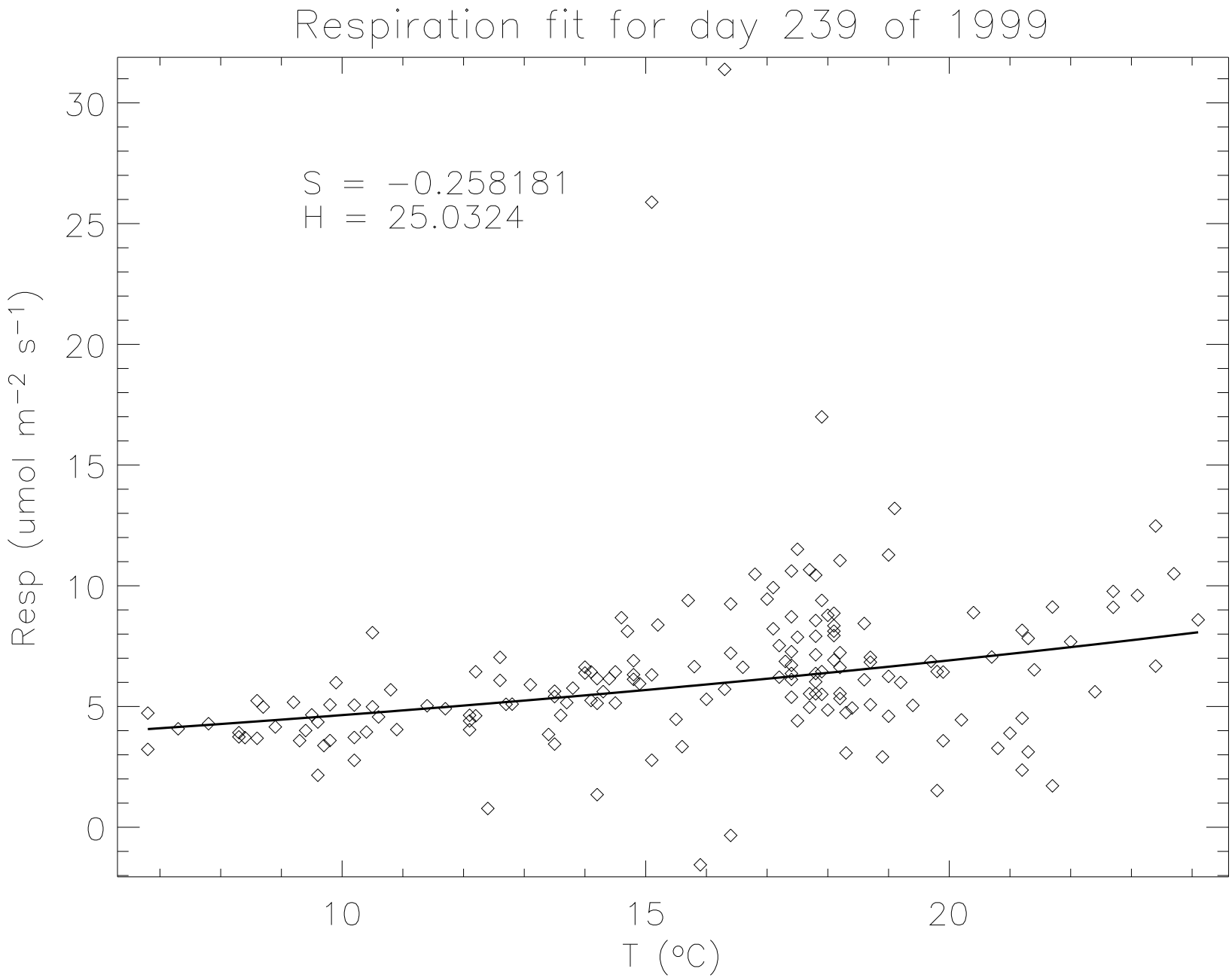
Respiration fit for day 234 of 1999
S = −0.279792
H = 18.6788
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
30
10
15
20

Respiration fit for day 235 of 1999
S = −0.2797777
H = 18.6979
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
30
10
15
20

Respiration fit for day 236 of 1999
S = −0.2759223
H = 19.8330
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
30
10
15
20

Respiration fit for day 237 of 1999
S = −0.270838
H = 21.3232
Resp (umol m^{-2} s^{-1})
T (°C)
0
5
10
15
20
25
30
10
15
20

Respiration fit for day 238 of 1999
S = −0.258294
H = 25.0011
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
30
10
15
20



Respiration fit for day 239 of 1999
S = −0.258181
H = 25.0324
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
30
10
15
20

Respiration fit for day 240 of 1999
S = −0.264422
H = 23.2387
Resp (umol m−2 s−1)
T (°C)
0
5
10
15
20
25
30
10
15
20

Respiration fit for day 241 of 1999
S = −0.270493
H = 21.5097
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
15
20

Respiration fit for day 242 of 1999
S = −0.271623
H = 21.1813
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
15
20

Respiration fit for day 243 of 1999
S = −0.273813
H = 20.5793
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
15
20

Respiration fit for day 244 of 1999
S = −0.277706
H = 19.4876
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
15
20

Respiration fit for day 245 of 1999
S = −0.277991
H = 19.4186
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
15
20

Respiration fit for day 246 of 1999
S = −0.279328
H = 19.0367
Resp (μmol m⁻² s⁻¹)
0
5
10
15
20
25
T (°C)
10
15
20

Respiration fit for day 247 of 1999
S = −0.2762993
H = 19.9316
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
15
20

Respiration fit for day 248 of 1999
S = −0.270121
H = 21.7235
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
15
20

Respiration fit for day 249 of 1999
S = −0.258947
H = 24.9397
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
15
20

Respiration fit for day 250 of 1999
S = −0.255351
H = 26.0059
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
15
20

Respiration fit for day 251 of 1999
S = −0.2559011
H = 25.8468
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
15
20

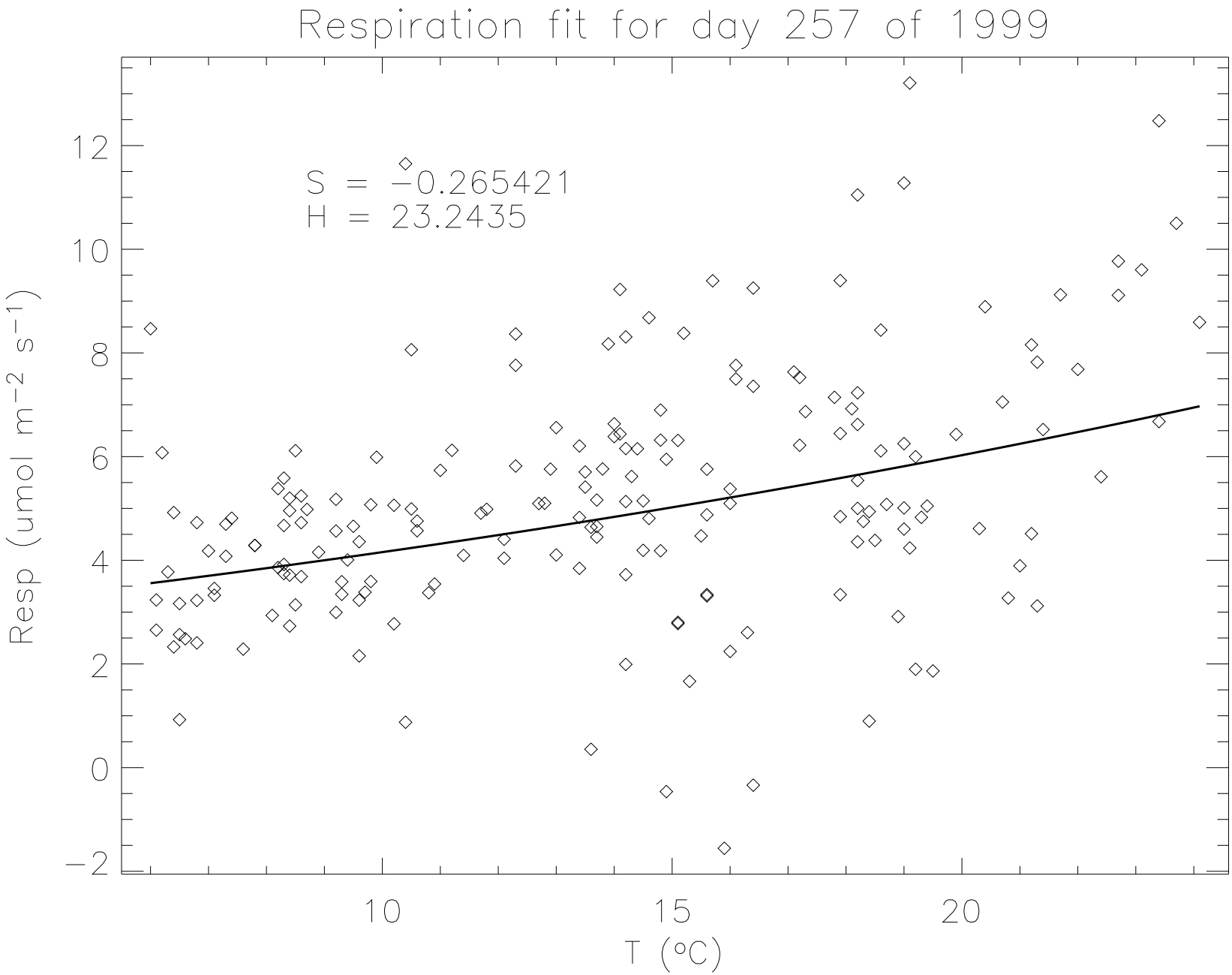
Respiration fit for day 252 of 1999
S = −0.255071
H = 26.0800
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
15
20

Respiration fit for day 253 of 1999
S = −0.263137
H = 23.8006
Resp (umol m−2 s−1)
0
5
10
15
20
25
T (°C)
10
15
20

Respiration fit for day 254 of 1999
S = −0.264992
H = 23.3351
Resp (umol m−2 s−1)
12
10
8
6
4
2
0
−2
10
15
20
T (°C)

Respiration fit for day 255 of 1999
S = 0.265259
H = 23.2917
Resp (umol m-2 s-1)
T (°C)
10
15
20
12
10
8
6
4
2
0
-2

Respiration fit for day 256 of 1999
S = 0.265632
H = 23.1782
Resp (umol m-2 s-1)
T (°C)
10
15
20
-2
0
2
4
6
8
10
12



Respiration fit for day 257 of 1999
S = −0.265421
H = 23.2435
Resp (umol m−2 s−1)
T (°C)
12
10
8
6
4
2
0
−2
10
15
20

Respiration fit for day 258 of 1999
S = −0.254748
H = 26.3702
Resp (umol m−2 s−1)
−2
0
2
4
6
8
10
12
T (°C)
10
15
20

Respiration fit for day 259 of 1999
S = −0.237088
H = 31.5512
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
10
12
5
10
15
20

Respiration fit for day 260 of 1999
S = −0.230947
H = 33.3438
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
0
2
4
6
8
10
12

Respiration fit for day 261 of 1999
S = −0.233190
H = 32.7122
Resp (umol m−2 s−1)
T (°C)
5
10
15
20
0
2
4
6
8
10
12

Respiration fit for day 262 of 1999
S = −0.232622
H = 32.9437
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
10
12
5
10
15
20

Respiration fit for day 263 of 1999
S = −0.212686
H = 38.6820
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
10
12
5
10
15
20

Respiration fit for day 264 of 1999
S = −0.212279
H = 38.84538
Resp (umol m−2 s−1)
T (°C)
12
10
8
6
4
2
0
−2
5
10
15
20

Respiration fit for day 265 of 1999
S = −0.192751
H = 44.4860
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
12
5
10
15
20

Respiration fit for day 266 of 1999
S = −0.199011
H = 42.7258
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
12
5
10
15
20

Respiration fit for day 267 of 1999
S = −0.221632
H = 36.3776
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
12
5
10
15
20

Respiration fit for day 268 of 1999
S = −0.232203
H = 33.5187
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
12
5
10
15
20

Respiration fit for day 269 of 1999
Resp (umol m^{-2} s^{-1})
T (°C)
S = −0.2297771
H = 34.2412
0
2
4
6
8
10
12
5
10
15
20

Respiration fit for day 270 of 1999
S = −0.232590
H = 33.4627
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
12
5
10
15
20

Respiration fit for day 271 of 1999
S = −0.240265
H = 31.3509
Resp (umol m−2 s−1)
T (°C)
0
2
4
6
8
10
12
5
10
15
20

Respiration fit for day 272 of 1999
S = −0.217945
H = 37.8839
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
5
10
15
20

Respiration fit for day 273 of 1999
S = −0.209577
H = 40.3792
Resp (umol m−2 s−1)
−2
0
2
4
6
8
T (°C)
5
10
15
20

Respiration fit for day 274 of 1999
S = −0.208403
H = 40.7303
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
5
10
15
20

Respiration fit for day 275 of 1999
S = −0.215508
H = 38.6895
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
5
10
15
20

Respiration fit for day 276 of 1999
S = −0.217363
H = 38.1777
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
5
10
15
20

Respiration fit for day 277 of 1999
S = −0.215882
H = 38.6654
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
5
10
15
20

Respiration fit for day 278 of 1999
S = −0.213633
H = 39.3868
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
5
10
15
20

Respiration fit for day 279 of 1999
S = −0.206005
H = 41.6650
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
5
10
15
20

Respiration fit for day 280 of 1999
S = −0.193136
H = 45.4024
Resp (umol m−2 s−1)
−2
0
2
4
6
8
T (°C)
5
10
15
20

Respiration fit for day 281 of 1999
S = −0.170473
H = 52.0046
Resp (umol m−2 s−1)
−2
0
2
4
6
8
T (°C)
5
10
15
20

Respiration fit for day 282 of 1999
S = −0.170516
H = 52.2246
Resp (umol m−2 s−1)
−2
0
2
4
6
8
T (°C)
5
10
15
20

Respiration fit for day 283 of 1999
S = −0.162659
H = 54.6352
Resp (umol m−2 s−1)
−2
0
2
4
6
8
T (°C)
5
10
15
20

Respiration fit for day 284 of 1999
S = −0.160817
H = 55.2466
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
5
10
15
20

Respiration fit for day 285 of 1999
S = −0.172668
H = 51.9693
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
5
10
15
20

Respiration fit for day 286 of 1999
S = −0.1627223
H = 54.8111
Resp (umol m−2 s−1)
−2
0
2
4
6
8
T (°C)
5
10
15
20

Respiration fit for day 287 of 1999
S = −0.169414
H = 53.0340
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
5
10
15
20

Respiration fit for day 288 of 1999
S = −0.173901
H = 51.7909
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
5
10
15
20

Respiration fit for day 289 of 1999
S = −0.183581
H = 49.1028
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
5
10
15
20

Respiration fit for day 290 of 1999
S = −0.179906
H = 50.2049
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
5
10
15
20

Respiration fit for day 291 of 1999
S = −0.166552
H = 54.0183
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
5
10
15
20

Respiration fit for day 292 of 1999
S = −0.166552
H = 54.0183
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
5
10
15
20

Respiration fit for day 293 of 1999
S = −0.163710
H = 54.8481
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
0
5
10
15
20

Respiration fit for day 294 of 1999
S = −0.170234
H = 53.0212
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
0
5
10
15
20

Respiration fit for day 295 of 1999
S = −0.169930
H = 53.1227
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
0
5
10
15
20

Respiration fit for day 296 of 1999
S = −0.184479
H = 49.1182
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
0
5
10
15
20

Respiration fit for day 297 of 1999
S = −0.209926
H = 42.0286
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
0
5
10
15
20

Respiration fit for day 298 of 1999
S = −0.240064
H = 33.6223
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
0
5
10
15

Respiration fit for day 299 of 1999
S = −0.250443
H = 30.7603
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
0
5
10
15

Respiration fit for day 300 of 1999
S = −0.255663
H = 29.2715
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
0
5
10
15

Respiration fit for day 301 of 1999
S = −0.256526
H = 29.0280
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
0
5
10
15

Respiration fit for day 302 of 1999
S = −0.2675527
H = 25.94888
Resp (umol m−2 s−1)
−2
0
2
4
T (°C)
0
5
10
15

Respiration fit for day 303 of 1999
S = −0.269663
H = 25.3447
Resp (umol m−2 s−1)
−2
0
2
4
T (°C)
0
5
10
15

Respiration fit for day 304 of 1999
S = −0.276319
H = 23.5113
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
0
5
10
15

Respiration fit for day 305 of 1999
S = −0.272530
H = 24.6563
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
0
5
10
15

Respiration fit for day 306 of 1999
S = −0.263406
H = 27.2876
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
0
5
10
15

Respiration fit for day 307 of 1999
S = −0.247886
H = 31.7110
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
0
5
10
15

Respiration fit for day 308 of 1999
S = −0.244896
H = 32.6114
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
0
5
10
15

Respiration fit for day 309 of 1999
S = −0.234778
H = 35.5161
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
0
5
10
15

Respiration fit for day 310 of 1999
S = −0.254569
H = 29.9996
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
0
5
10
15

Respiration fit for day 311 of 1999
S = −0.2529538
H = 30.4777
Resp (umol m−2 s−1)
−2
0
2
4
6
0
5
10
15
T (°C)

Respiration fit for day 312 of 1999
S = −0.259776
H = 28.5317
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
0
5
10
15

Respiration fit for day 313 of 1999
S = −0.261157
H = 28.0427
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
0
5
10
15

Respiration fit for day 314 of 1999
S = −0.253680
H = 30.0353
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
0
5
10
15

Respiration fit for day 315 of 1999
S = −0.267014
H = 26.1859
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
0
5
10
15

Respiration fit for day 316 of 1999
S = −0.284645
H = 21.2405
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
0
5
10
15

Respiration fit for day 317 of 1999
S = −0.299272
H = 17.0729
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 318 of 1999
S = −0.325736
H = 9.68211
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 319 of 1999
S = −0.360921
H = −0.00000
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 320 of 1999
S = −0.361152
H = −0.00000
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 321 of 1999
S = −0.361096
H = −0.00000
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 322 of 1999
S = −0.361096
H = −0.00000
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 323 of 1999
S = −0.360946
H = −0.00000
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 324 of 1999
S = −0.360978
H = −0.00000
Resp (umol m−2 s−1)
6
4
2
0
−2
T (°C)
−5
0
5
10
15

Respiration fit for day 325 of 1999
S = −0.322129
H = 10.8101
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 326 of 1999
S = −0.322051
H = 10.8309
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 327 of 1999
S = −0.322252
H = 10.7787
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 328 of 1999
S = −0.361527
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−5
0
5
10
15

Respiration fit for day 329 of 1999
S = −0.361565
H = −0.00000
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 330 of 1999
S = −0.3616773
H = −0.00000
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 331 of 1999
S = −0.361851
H = −0.00000
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 332 of 1999
S = −0.361874
H = −0.00000
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5
10
15

Respiration fit for day 353 of 1999
S = −0.362021
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
8
−6
−4
−2
0
2
4
6

Respiration fit for day 334 of 1999
S = −0.362027
H = −0.00000
Resp (umol m−2 s−1)
−2
0
2
4
6
T (°C)
−5
0
5

Respiration fit for day 335 of 1999
S = −0.362228
H = −0.00000
Resp (umol m⁻² s⁻¹)
T (°C)
−2
0
2
4
6
−15
−10
−5
0
5

Respiration fit for day 336 of 1999
S = −0.362172
H = −0.00000
Resp (umol m⁻² s⁻¹)
−2
0
2
4
6
−15
−10
−5
0
5
T (°C)

Respiration fit for day 337 of 1999
S = −0.362086
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−15
−10
−5
0
5

Respiration fit for day 338 of 1999
S = −0.308927
H = 14.4083
Resp (umol m−2 s−1)
T (°C)
−2
0
2
4
6
−15
−10
−5
0
5

Respiration fit for day 339 of 1999
S = −0.312843
H = 13.3090
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
−6
−4
−2
0
2
4

Respiration fit for day 340 of 1999
S = −0.361744
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
4
2
0
2
4
6

Respiration fit for day 341 of 1999
S = −0.361901
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
4
2
0
2
4
6

Respiration fit for day 342 of 1999
Resp (umol m-2 s-1)
T (°C)
S = −0.362026
H = −0.00000
−20
−15
−10
−5
0
5
4
2
0
2
4
6

Respiration fit for day 343 of 1999
S = −0.361864
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
−6
−4
−2
0
2
4

Respiration fit for day 344 of 1999
S = −0.361808
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
4
2
0
2
4
6

Respiration fit for day 345 of 1999
S = −0.361493
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−20
−15
−10
−5
0
5

Respiration fit for day 346 of 1999
S = −0.361764
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−20
−15
−10
−5
0
5

Respiration fit for day 347 of 1999
Resp (umol m^{-2} s^{-1})
T (°C)
S = −0.361847
H = −0.00000
6
4
2
0
−2
−4
−6
−20
−15
−10
−5
0
5

Respiration fit for day 348 of 1999
S = −0.361924
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
−6
−4
−2
0
2
4
6

Respiration fit for day 349 of 1999
S = −0.362176
H = −0.00000
Resp (umol m−2 s−1)
6
4
2
0
−2
−4
−6
T (°C)
−20
−15
−10
−5
0
5

Respiration fit for day 350 of 1999
Resp (umol m^{-2} s^{-1})
T (°C)
S = −0.362321
H = −0.00000
6
4
2
0
−2
−4
−6
−20
−15
−10
−5
0
5

Respiration fit for day 351 of 1999
S = −0.362159
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
−6
−4
−2
0
2
4
6

Respiration fit for day 352 of 1999
S = −0.362252
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−20
−15
−10
−5
0
5

Respiration fit for day 353 of 1999
Resp (umol m-2 s-1)
T (°C)
S = -0.362252
H = -0.00000
6
4
2
0
-2
-4
-6
-20
-15
-10
-5
0
5

Respiration fit for day 354 of 1999
S = −0.362551
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−20
−15
−10
−5
0
5

Respiration fit for day 355 of 1999
S = −0.362562
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
6
4
2
0
−2
−4
−6
−20
−15
−10
−5
0
5

Respiration fit for day 356 of 1999
Resp (umol m-2 s-1)
T (°C)
S = −0.362024
H = −0.00000
6
4
2
0
−2
−4
−6
−20
−15
−10
−5
0
5

Respiration fit for day 357 of 1999
S = −0.361989
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
−6
−4
−2
0
2
4
6

Respiration fit for day 358 of 1999
S = −0.361989
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
−6
−4
−2
0
2
4
6

Respiration fit for day 359 of 1999
S = −0.361989
H = −0.00000
Resp (umol m−2 s−1)
6
4
2
0
−2
−4
−6
T (°C)
−20
−15
−10
−5
0
5

Respiration fit for day 360 of 1999
Resp (umol m-2 s-1)
T (°C)
S = -0.361989
H = -0.00000
6
4
2
0
-2
-4
-6
-20
-15
-10
-5
0
5

Respiration fit for day 361 of 1999
S = −0.361989
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
−6
−4
−2
0
2
4
6

Respiration fit for day 362 of 1999
Resp (umol m-2 s-1)
T (°C)
S = -0.361989
H = -0.00000
6
4
2
0
-2
-4
-6
-20
-15
-10
-5
0
5

Respiration fit for day 363 of 1999
S = −0.361989
H = −0.00000
Resp (umol m−2 s−1)
T (°C)
−20
−15
−10
−5
0
5
−6
−4
−2
0
2
4
6

Respiration fit for day 364 of 1999
Resp (umol m-2 s-1)
T (°C)
S = −0.361989
H = −0.00000
6
4
2
0
−2
−4
−6
−20
−15
−10
−5
0
5

Respiration fit for day 365 of 1999
Resp (umol m^{-2} s^{-1})
T (°C)
S = −0.361989
H = −0.00000
6
4
2
0
−2
−4
−6
−20
−15
−10
−5
0
5