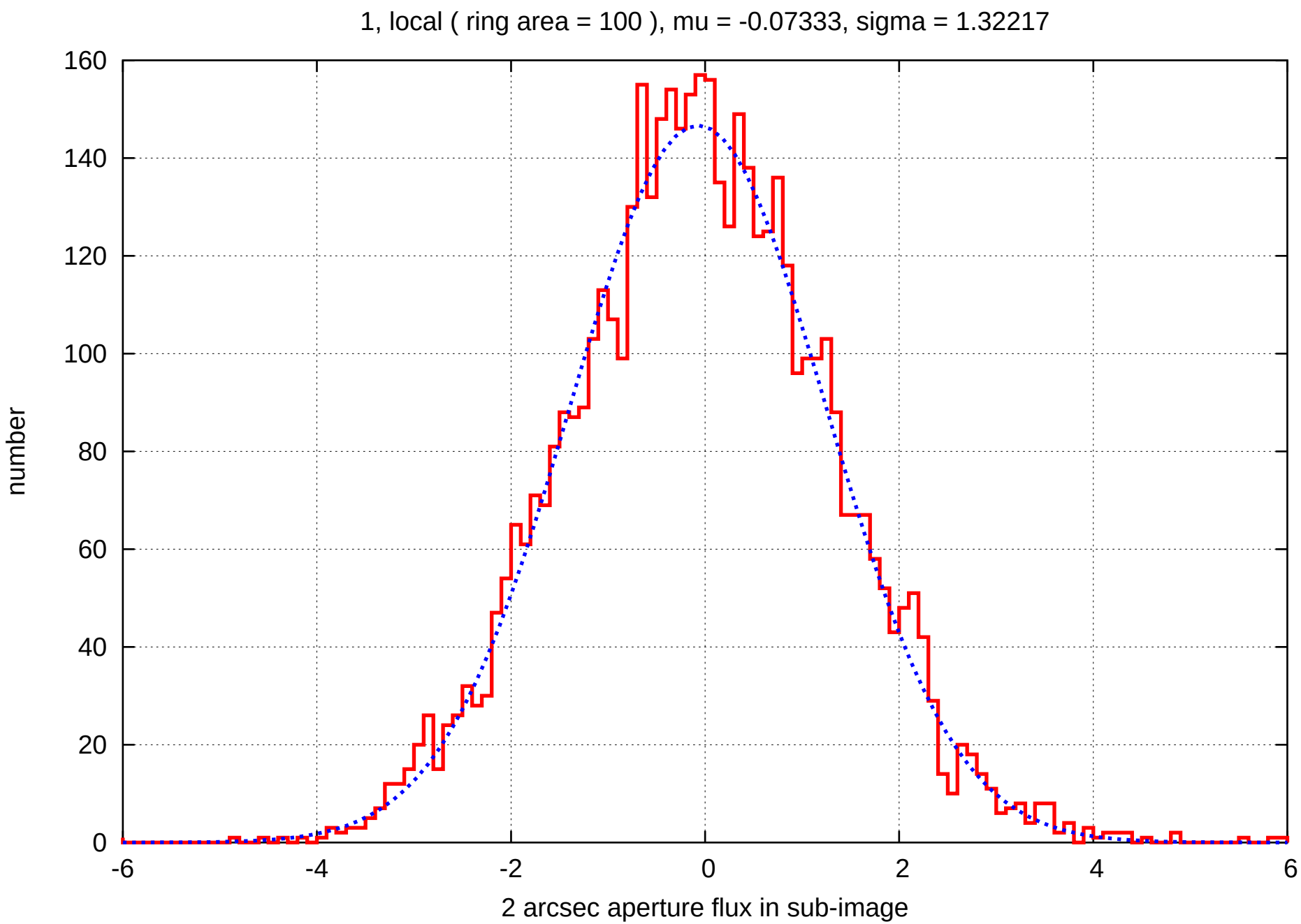
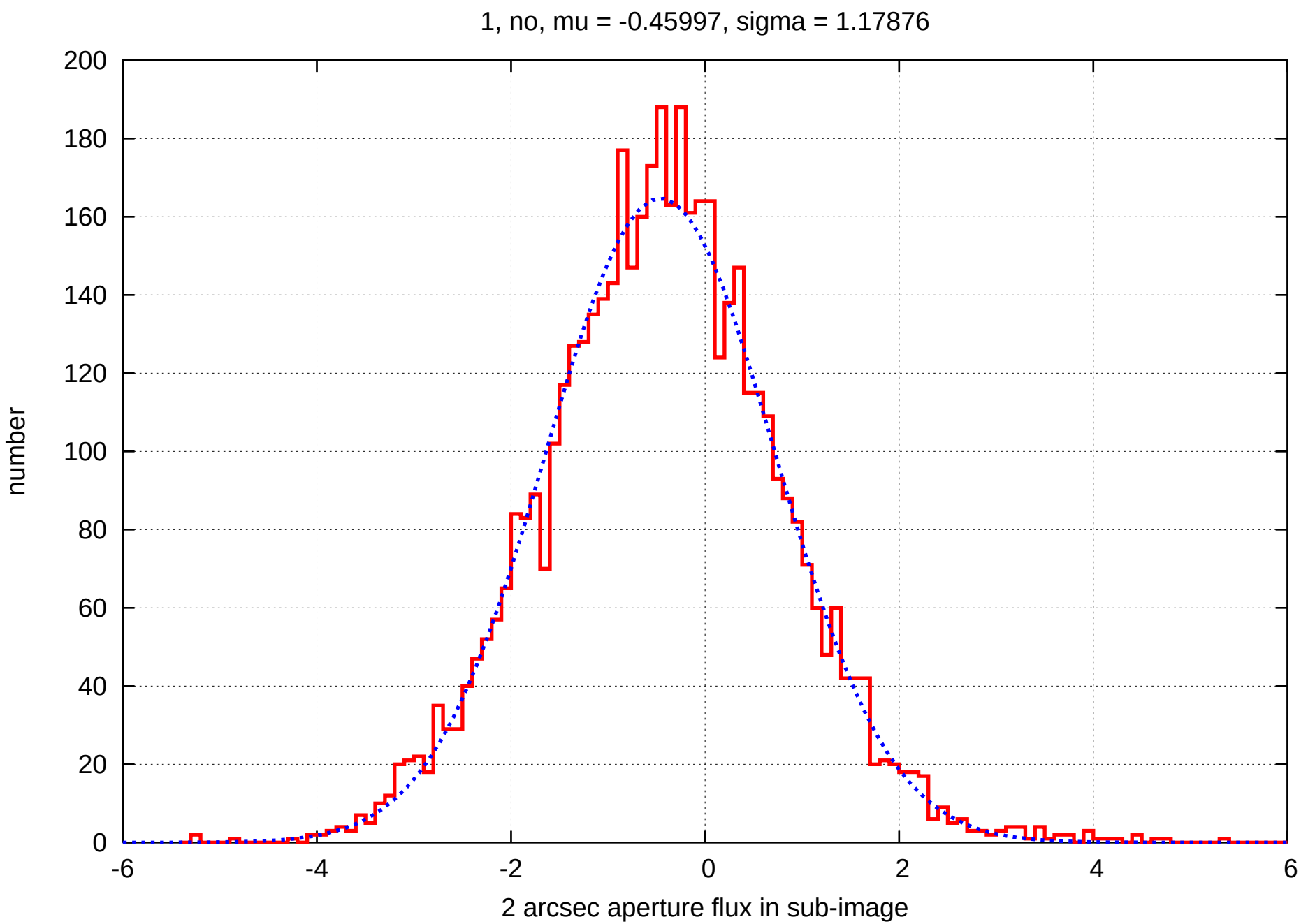
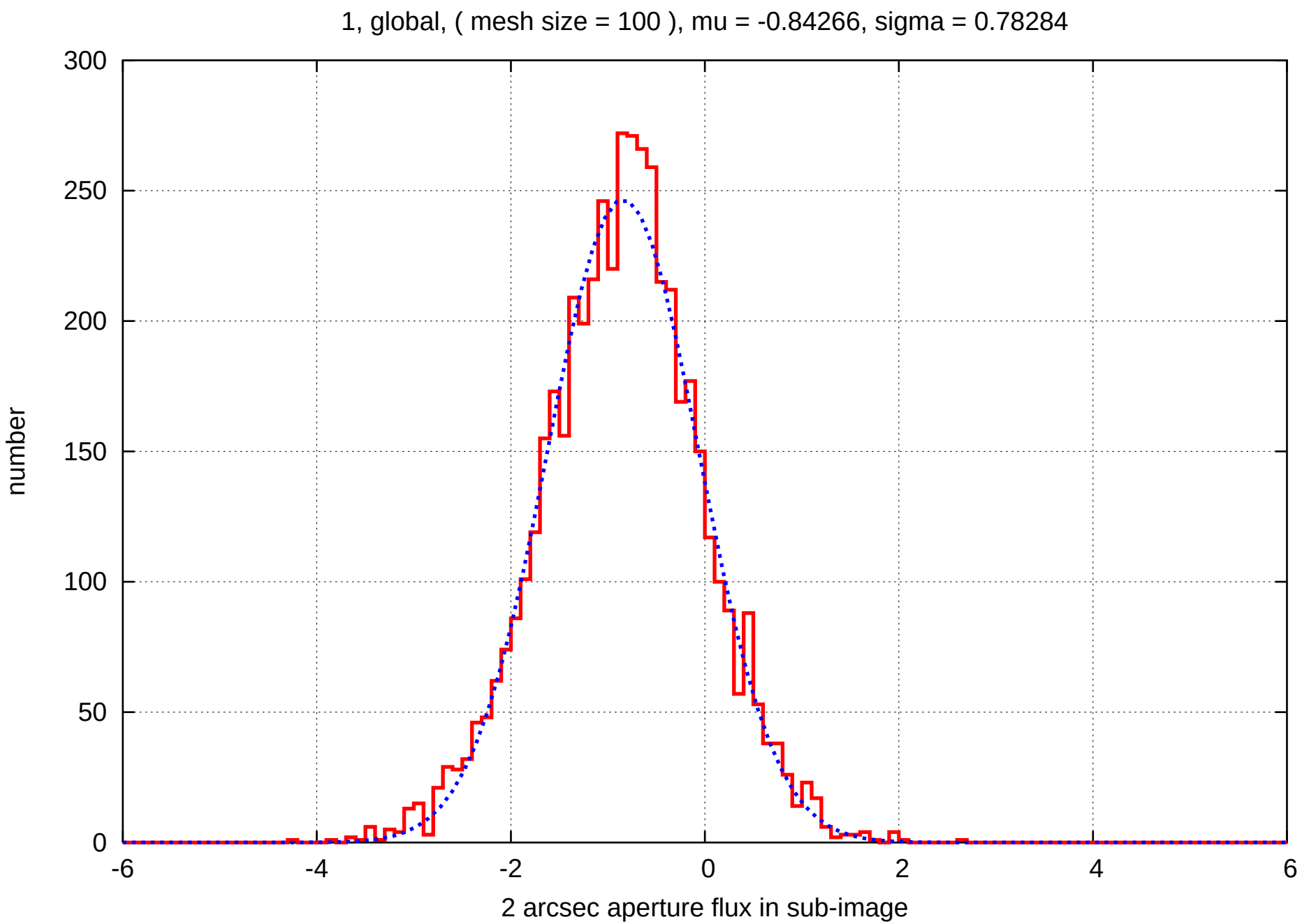
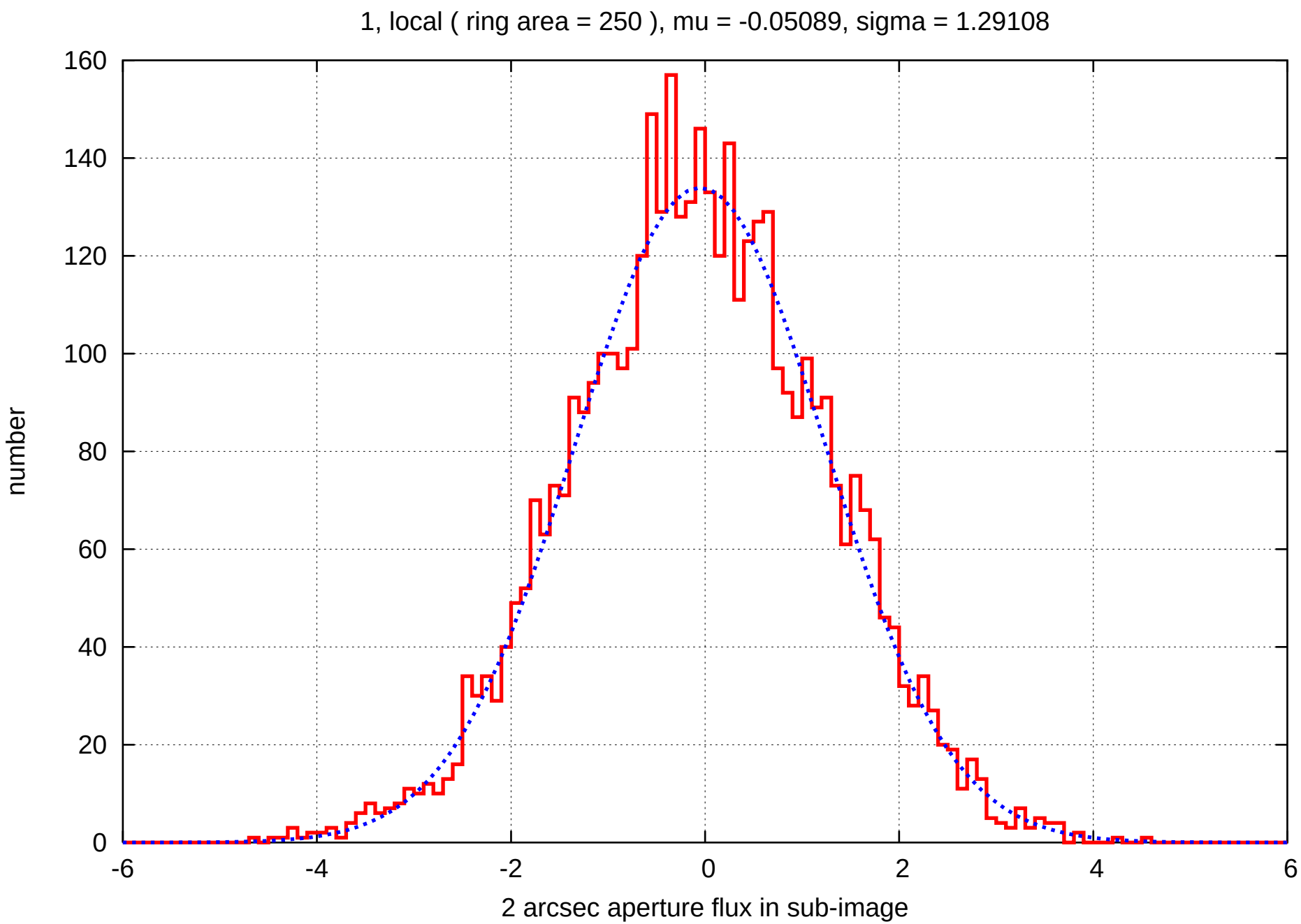
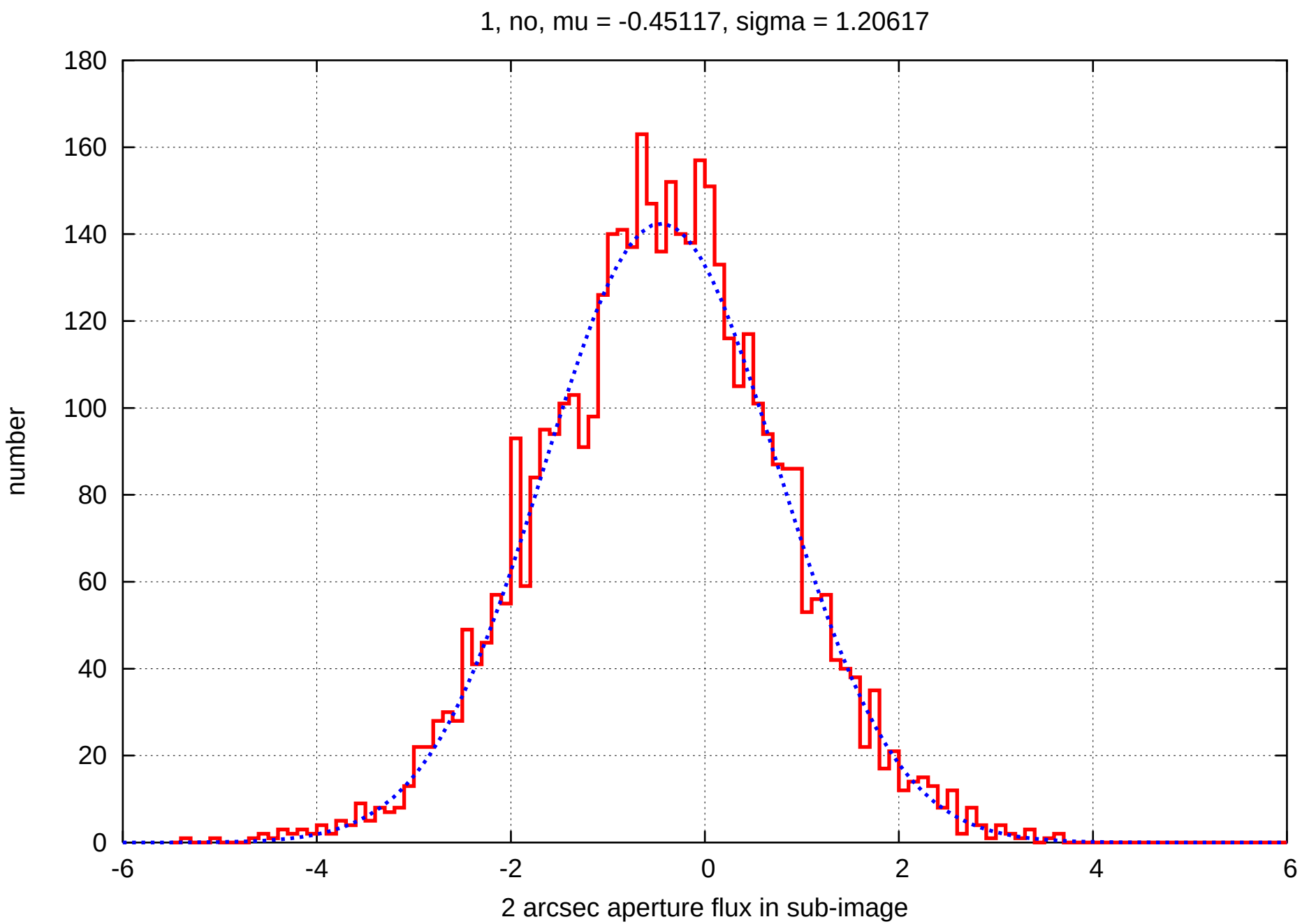
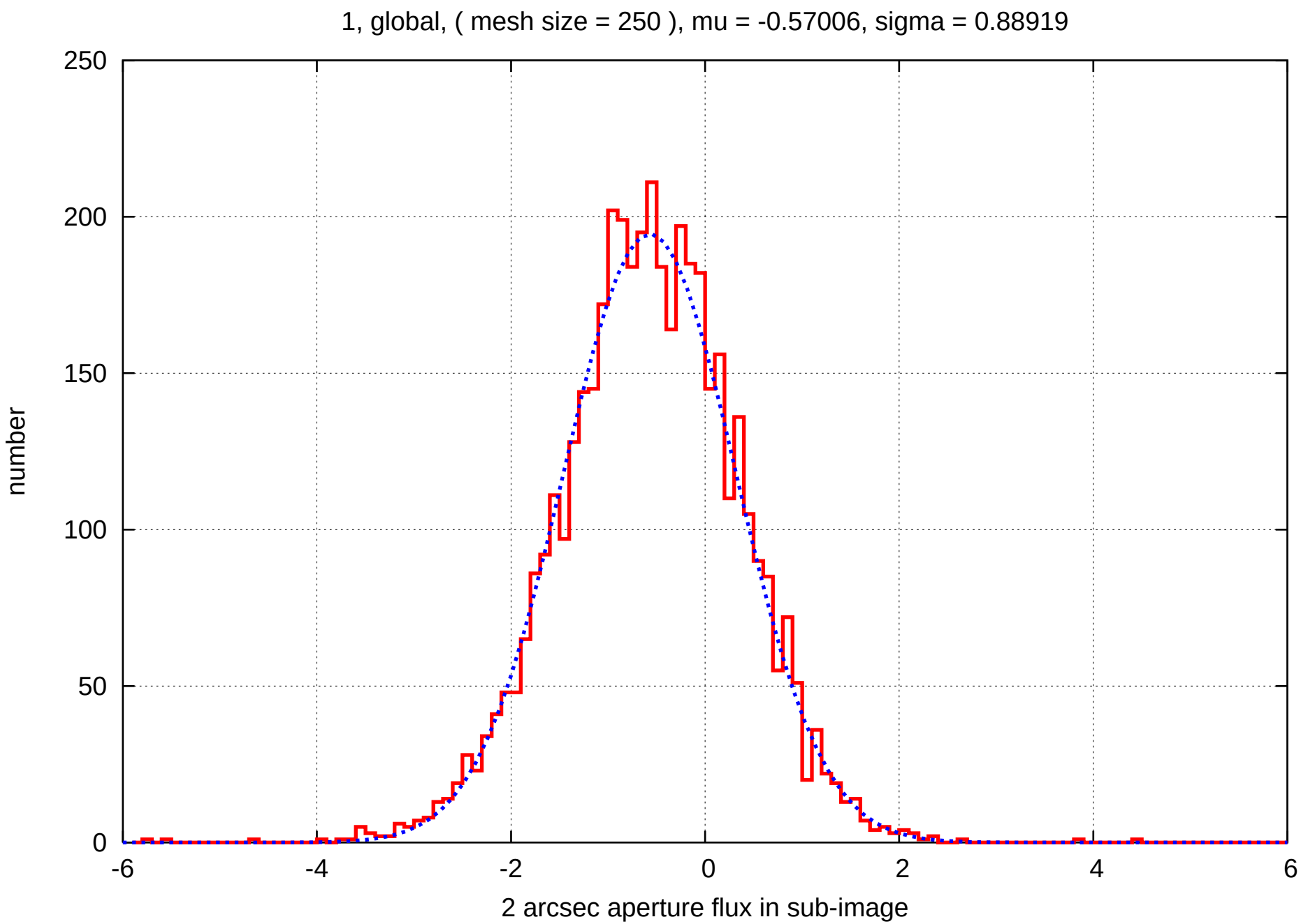

1, local ( ring area = 100 ), mu = -0.07333, sigma = 1.32217
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
-6
-4
-2
0
2
4
6

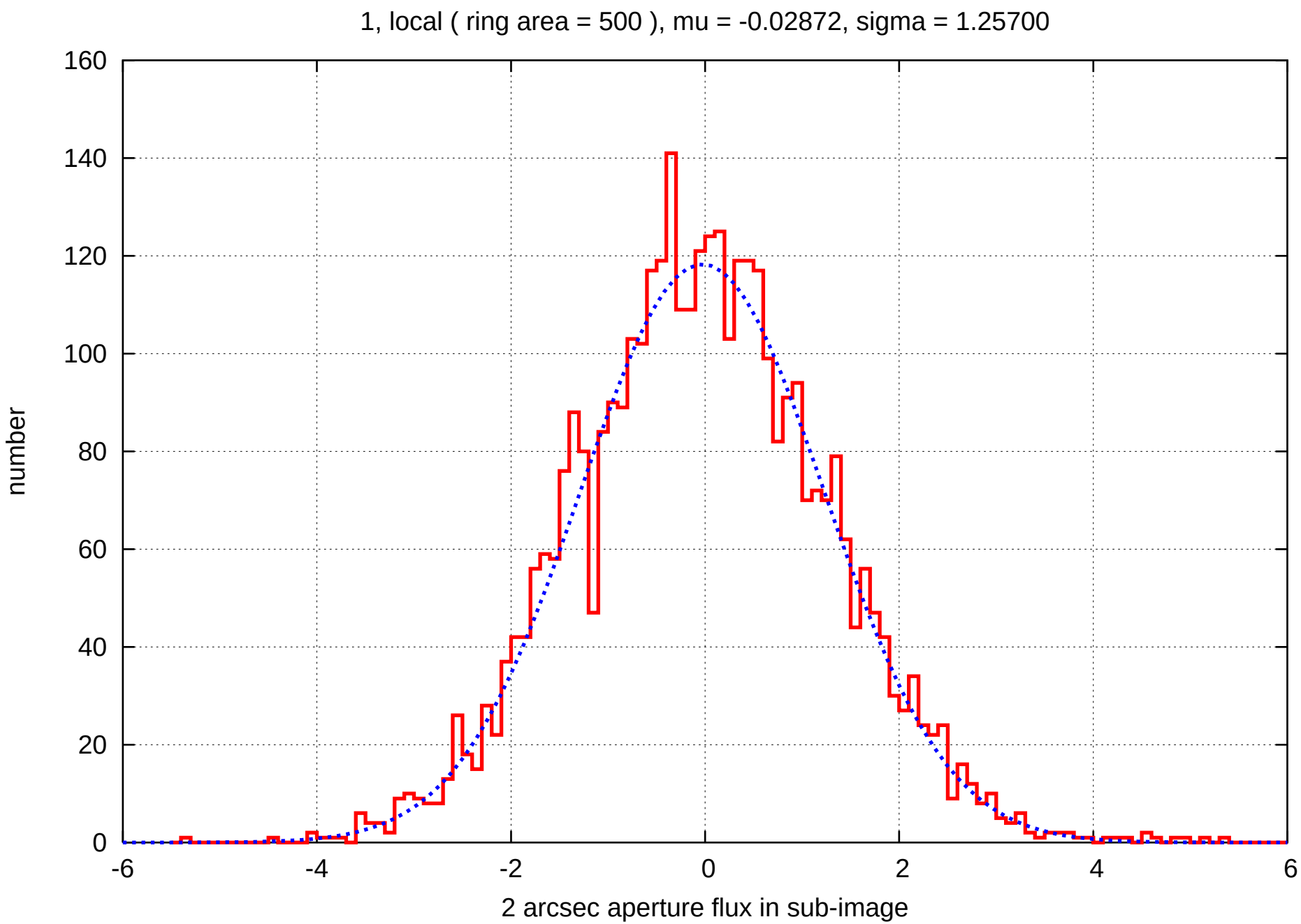

1, no, mu = -0.45997, sigma = 1.17876
number
2 arcsec aperture flux in sub-image
200
180
160
140
120
100
80
60
40
20
0
-6
-4
-2
0
2
4
6

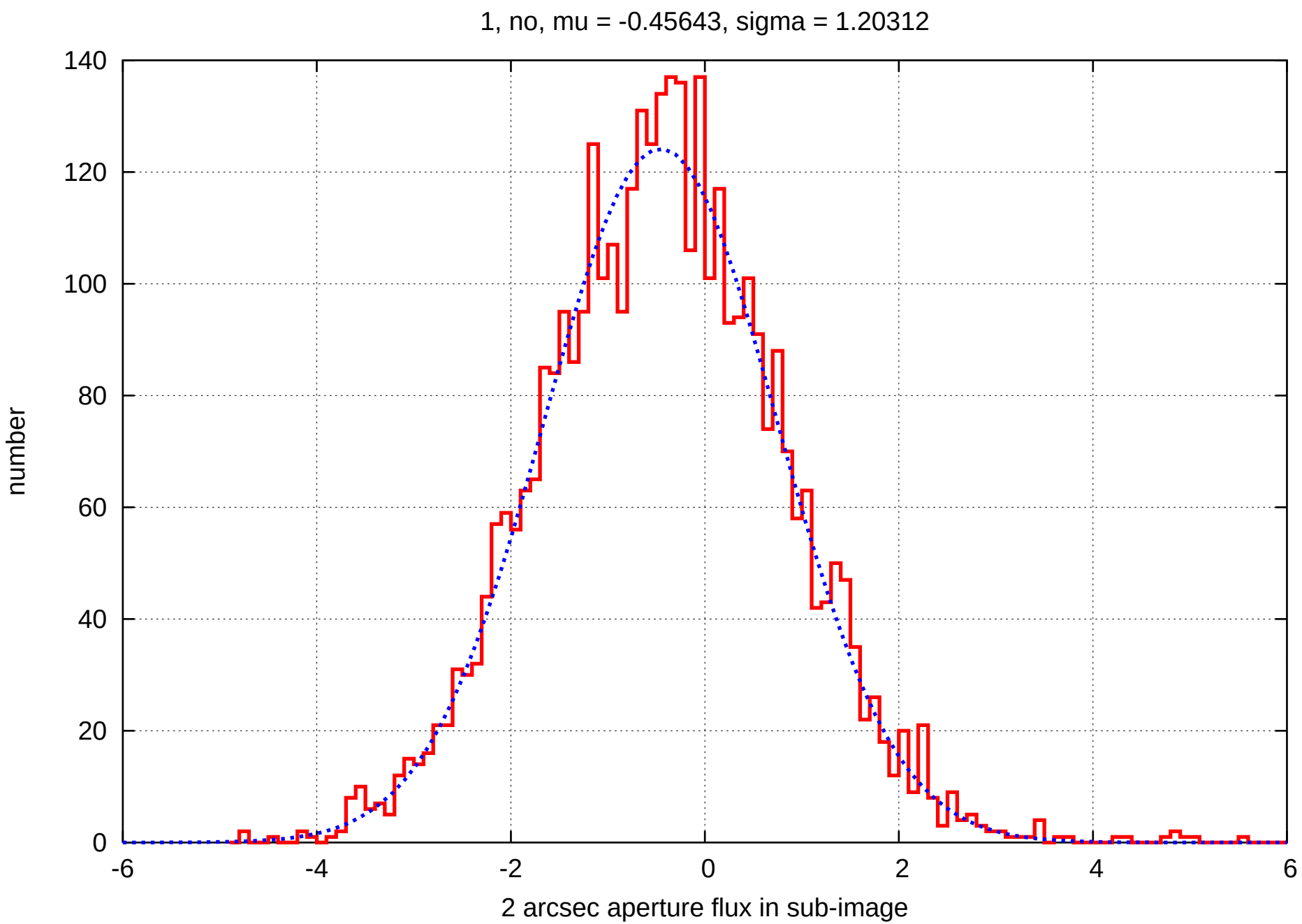

1, global, ( mesh size = 100 ), mu = -0.84266, sigma = 0.78284
number
2 arcsec aperture flux in sub-image
300
250
200
150
100
50
0
-6
-4
-2
0
2
4
6

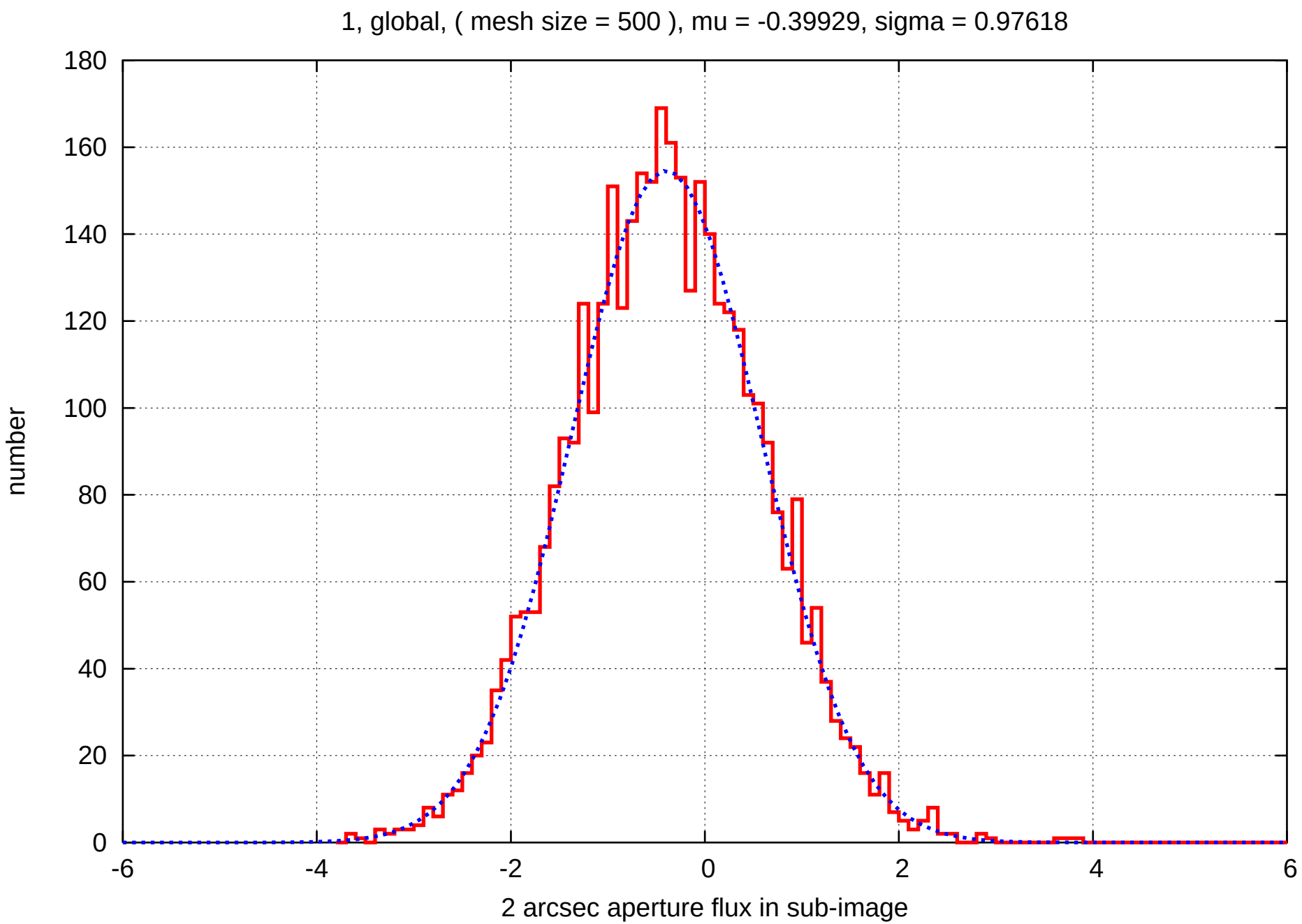

1, local ( ring area = 250 ), mu = -0.05089, sigma = 1.29108
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
-6
-4
-2
0
2
4
6

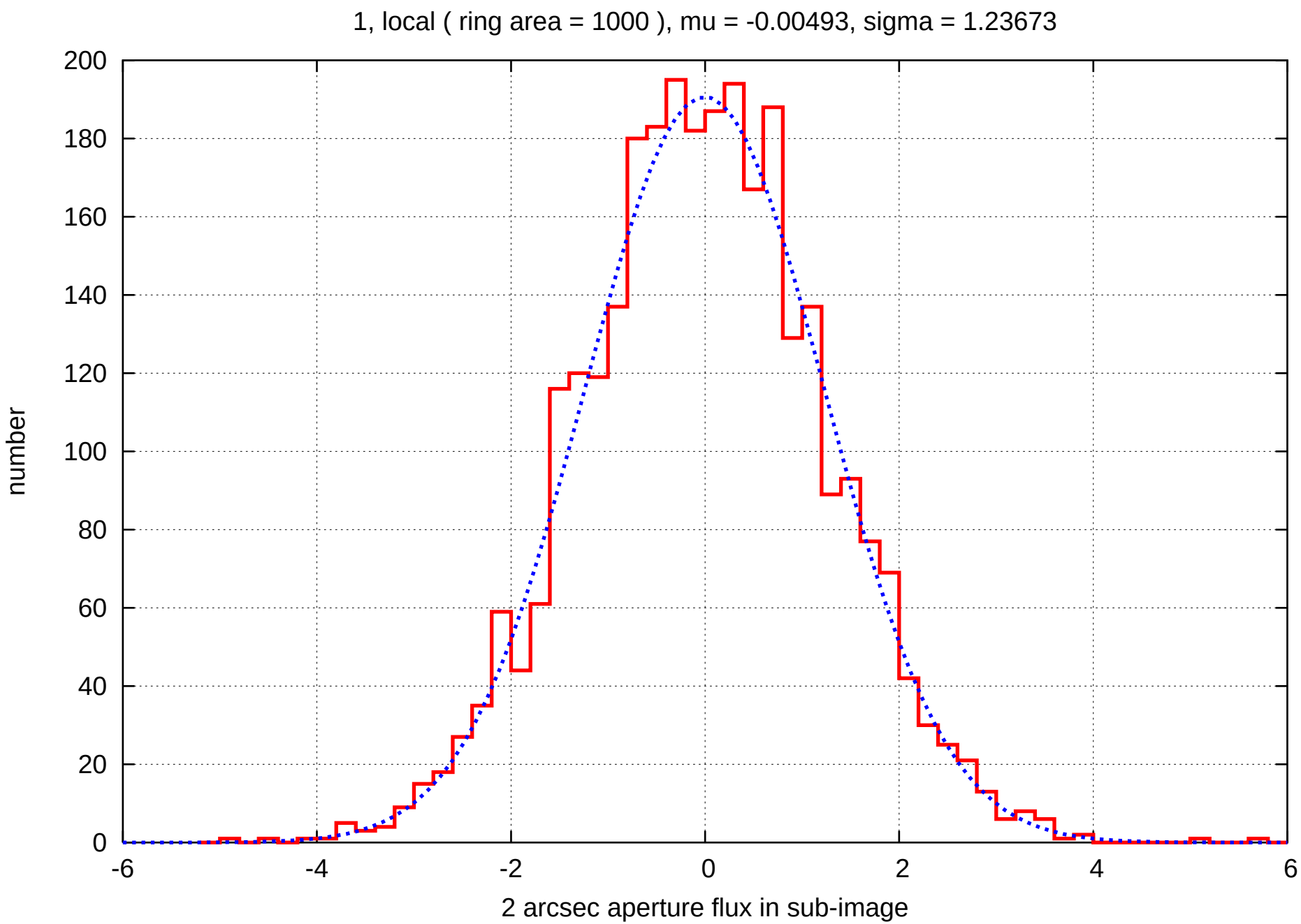

1, no, mu = -0.45117, sigma = 1.20617
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
180
-6
-4
-2
0
2
4
6

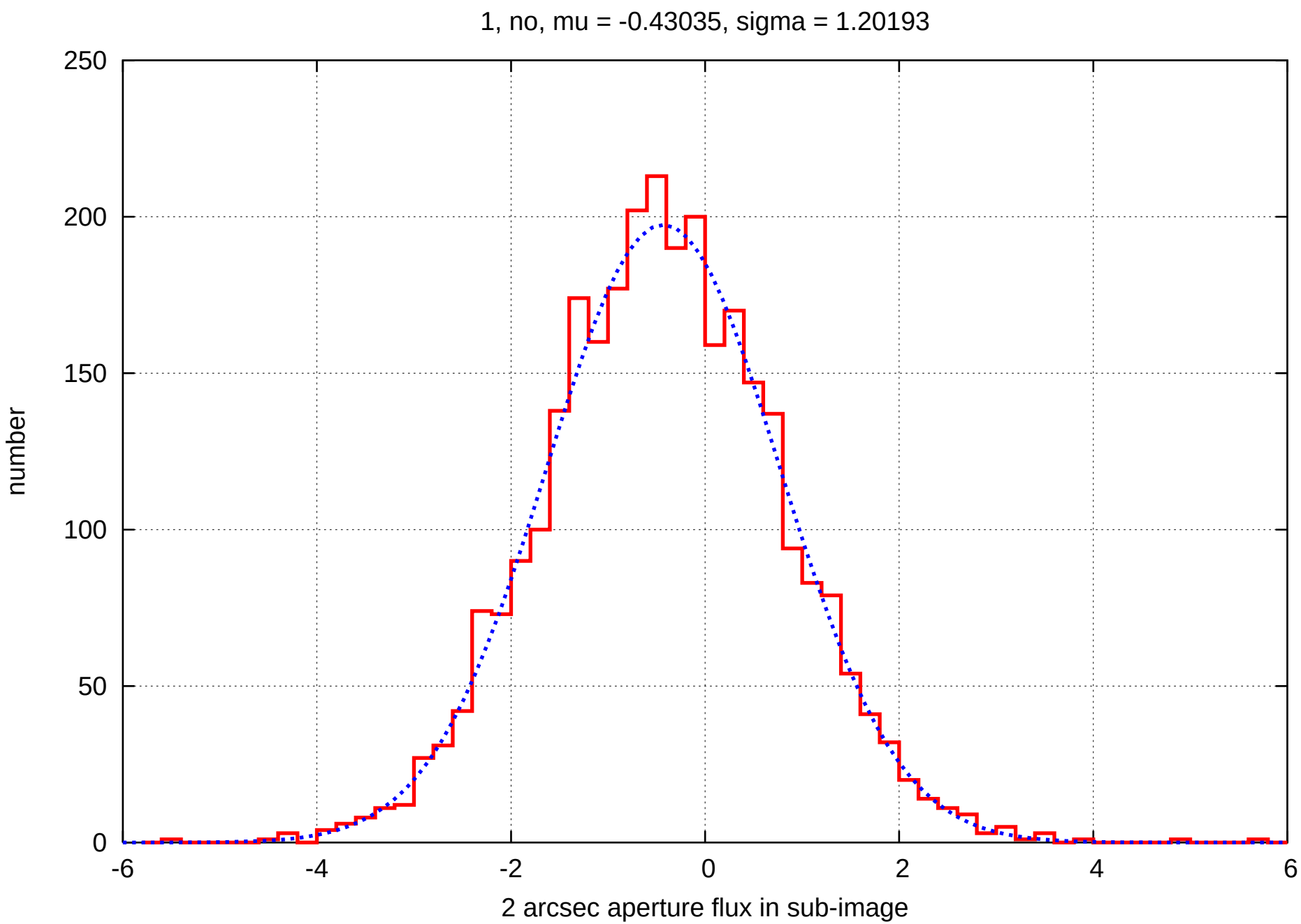

1, global, ( mesh size = 250 ), mu = -0.57006, sigma = 0.88919
number
2 arcsec aperture flux in sub-image
250
200
150
100
50
0
-6
-4
-2
0
2
4
6

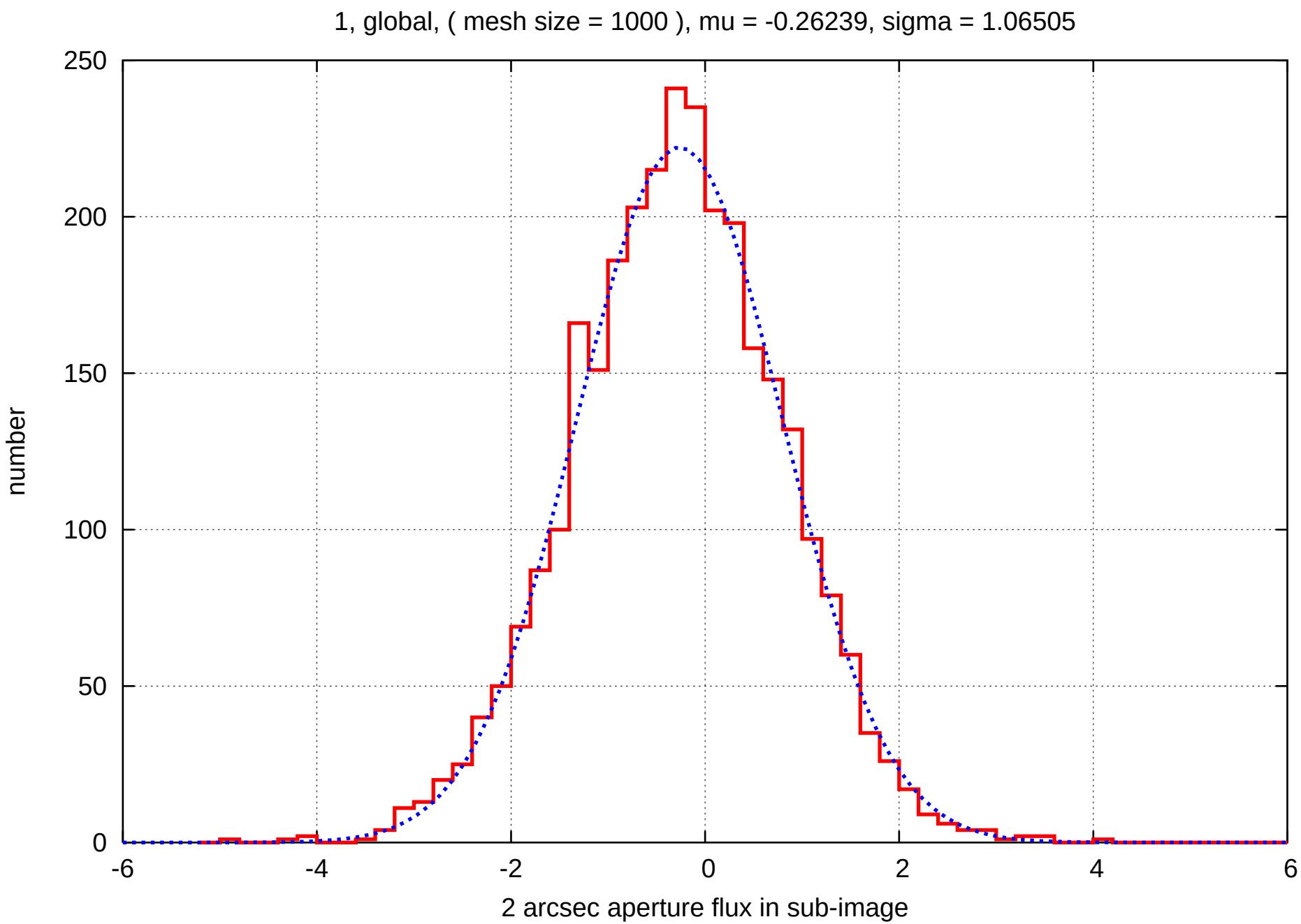

1, local ( ring area = 500 ), mu = -0.02872, sigma = 1.25700
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
-6
-4
-2
0
2
4
6

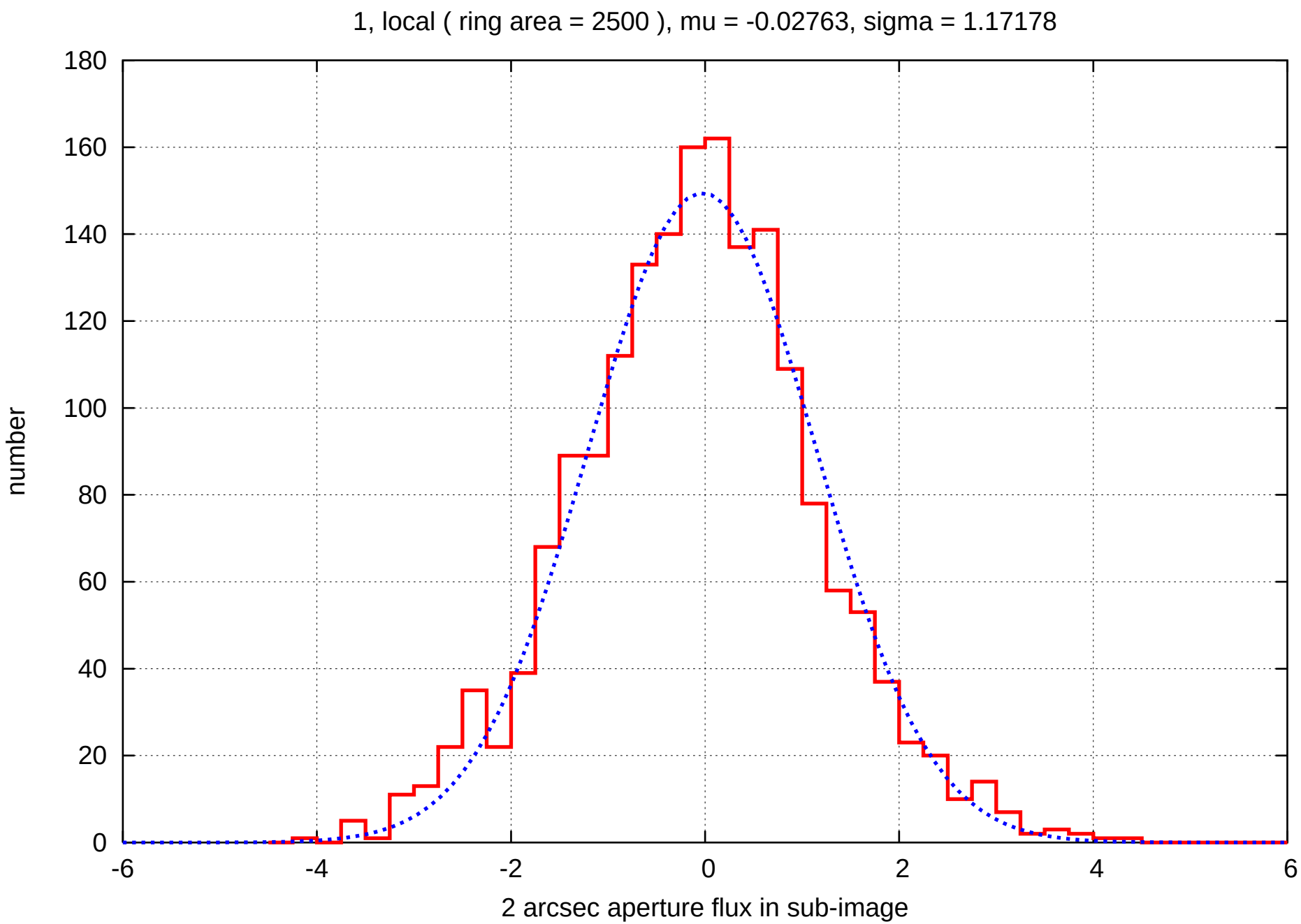

1, no, mu = -0.45643, sigma = 1.20312
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
-6
-4
-2
0
2
4
6

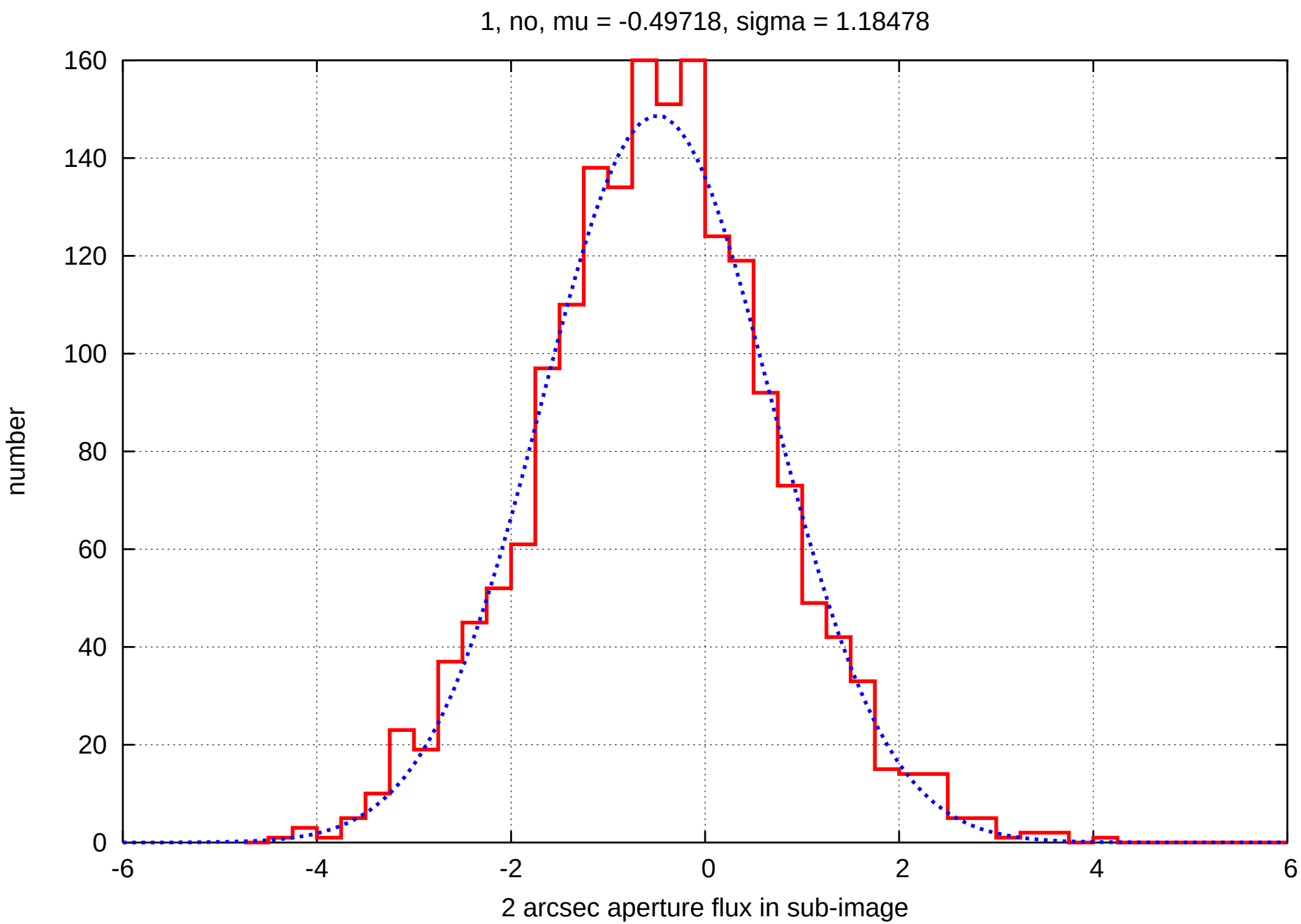

1, global, ( mesh size = 500 ), mu = -0.39929, sigma = 0.97618
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
180
-6
-4
-2
0
2
4
6

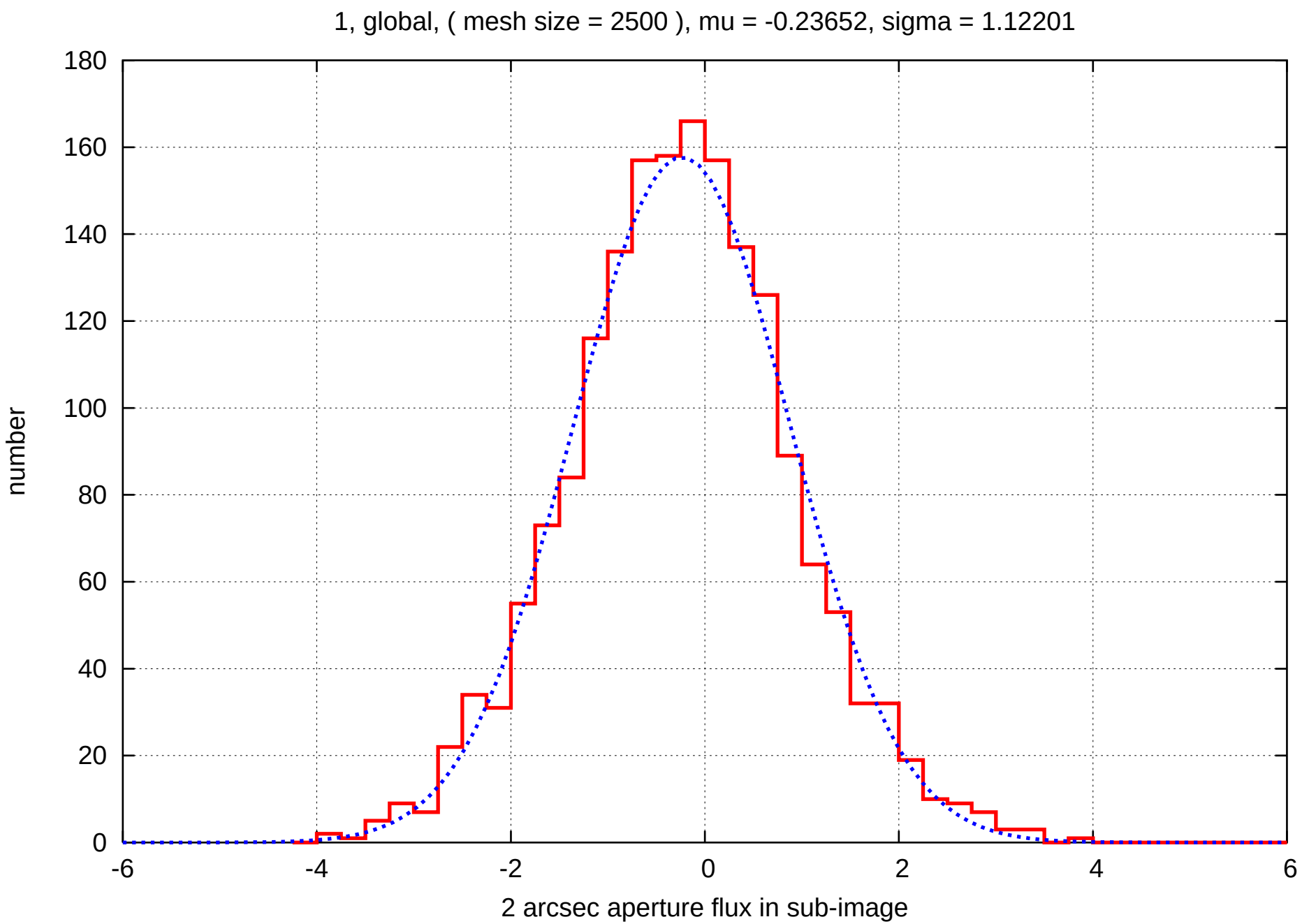

1, local ( ring area = 1000 ), mu = -0.00493, sigma = 1.23673
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
180
200
-6
-4
-2
0
2
4
6

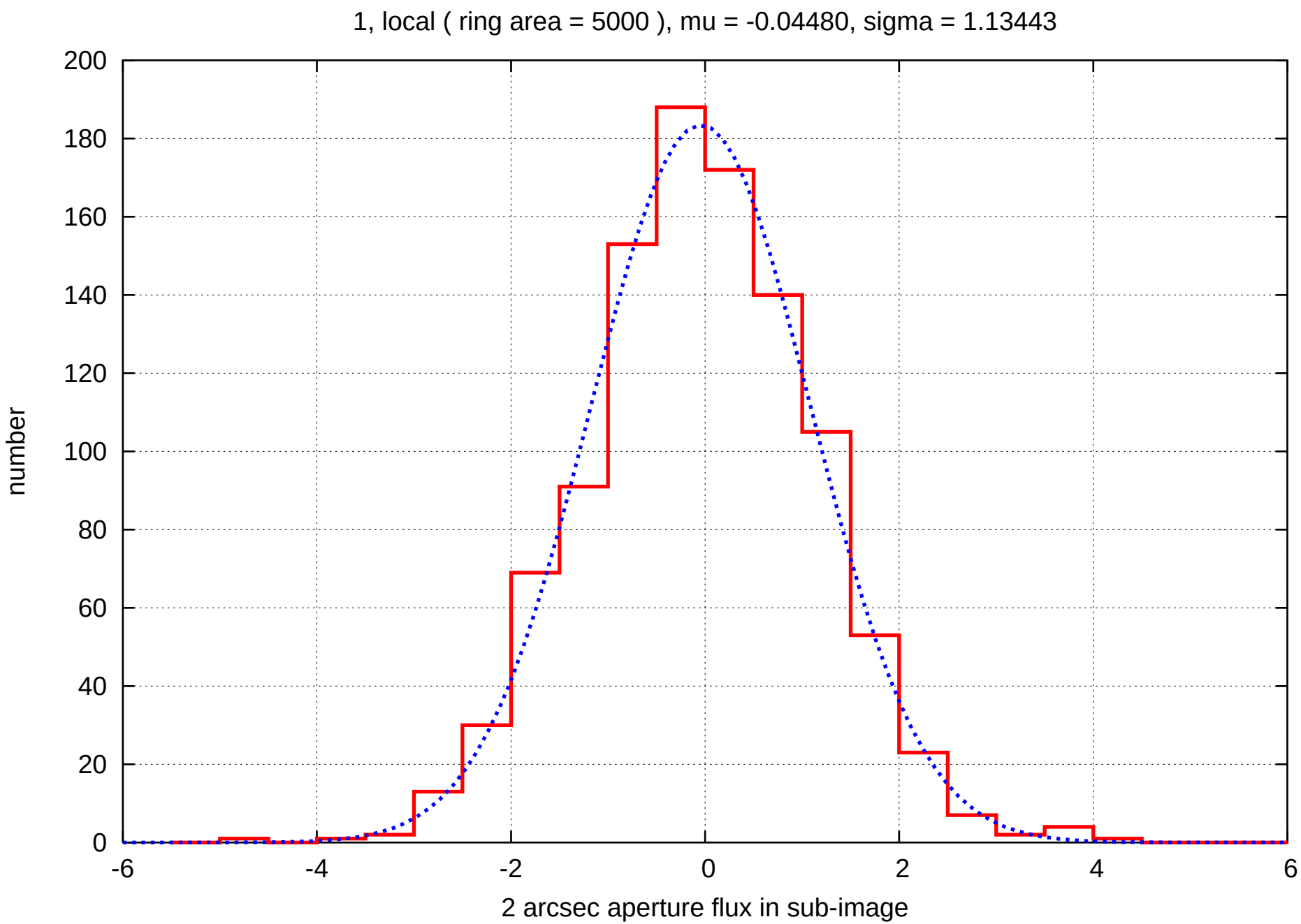

1, no, mu = -0.43035, sigma = 1.20193
number
2 arcsec aperture flux in sub-image
250
200
150
100
50
0
-6
-4
-2
0
2
4
6

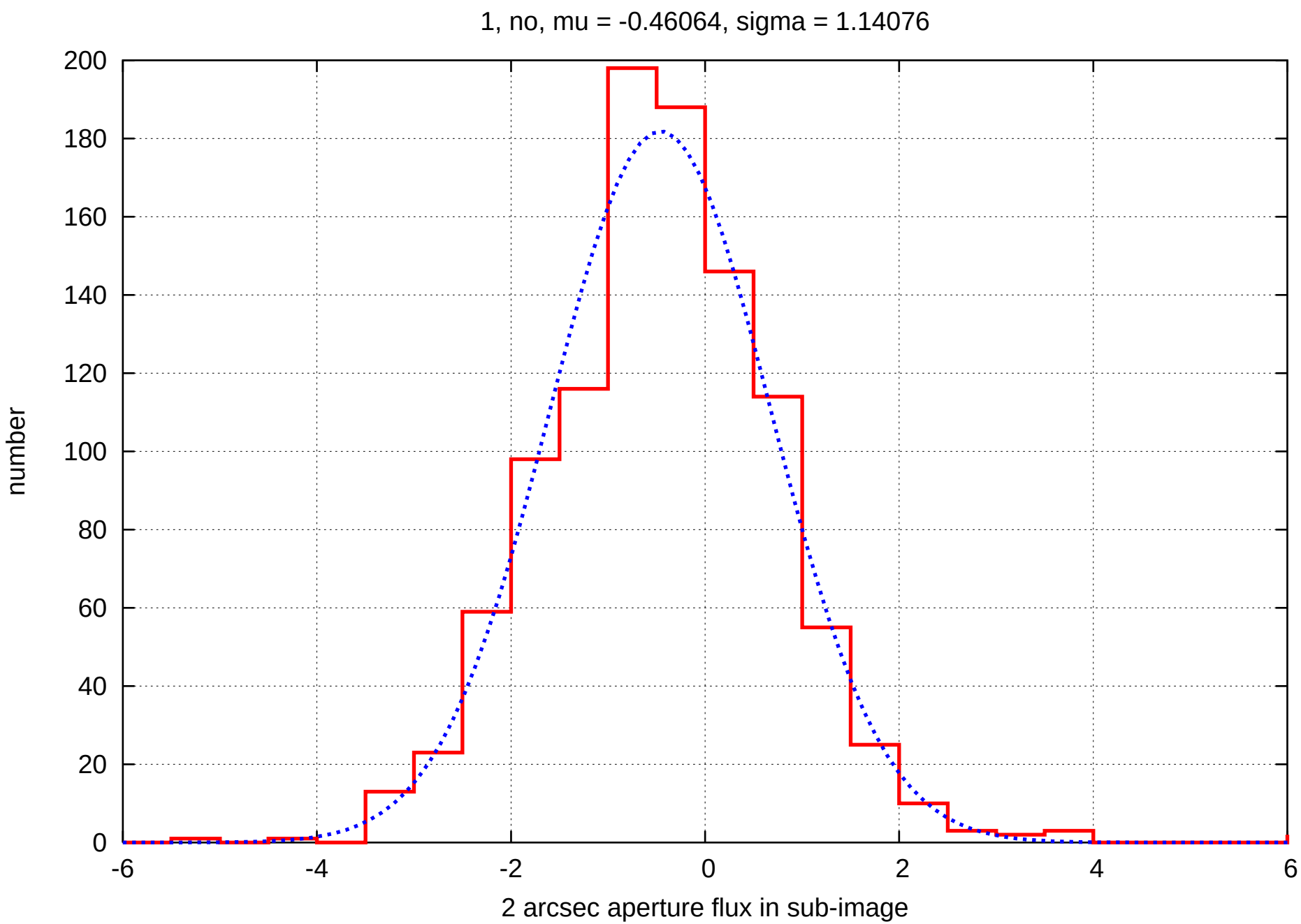

1, global, ( mesh size = 1000 ), mu = -0.26239, sigma = 1.06505
250
200
150
100
50
0
number
-6
-4
-2
0
2
4
6
2 arcsec aperture flux in sub-image

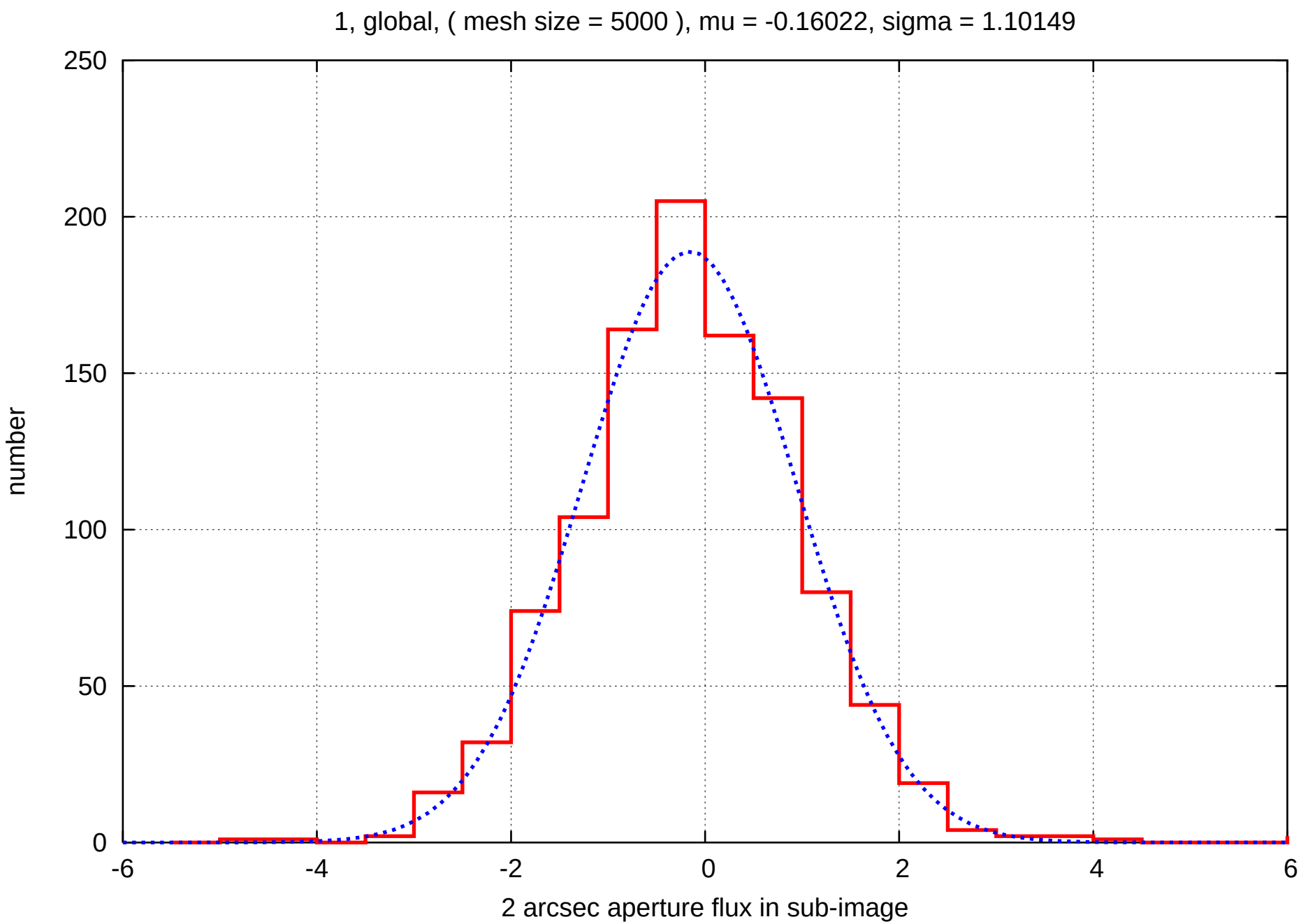

1, local ( ring area = 2500 ), mu = -0.02763, sigma = 1.17178
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
180
-6
-4
-2
0
2
4
6

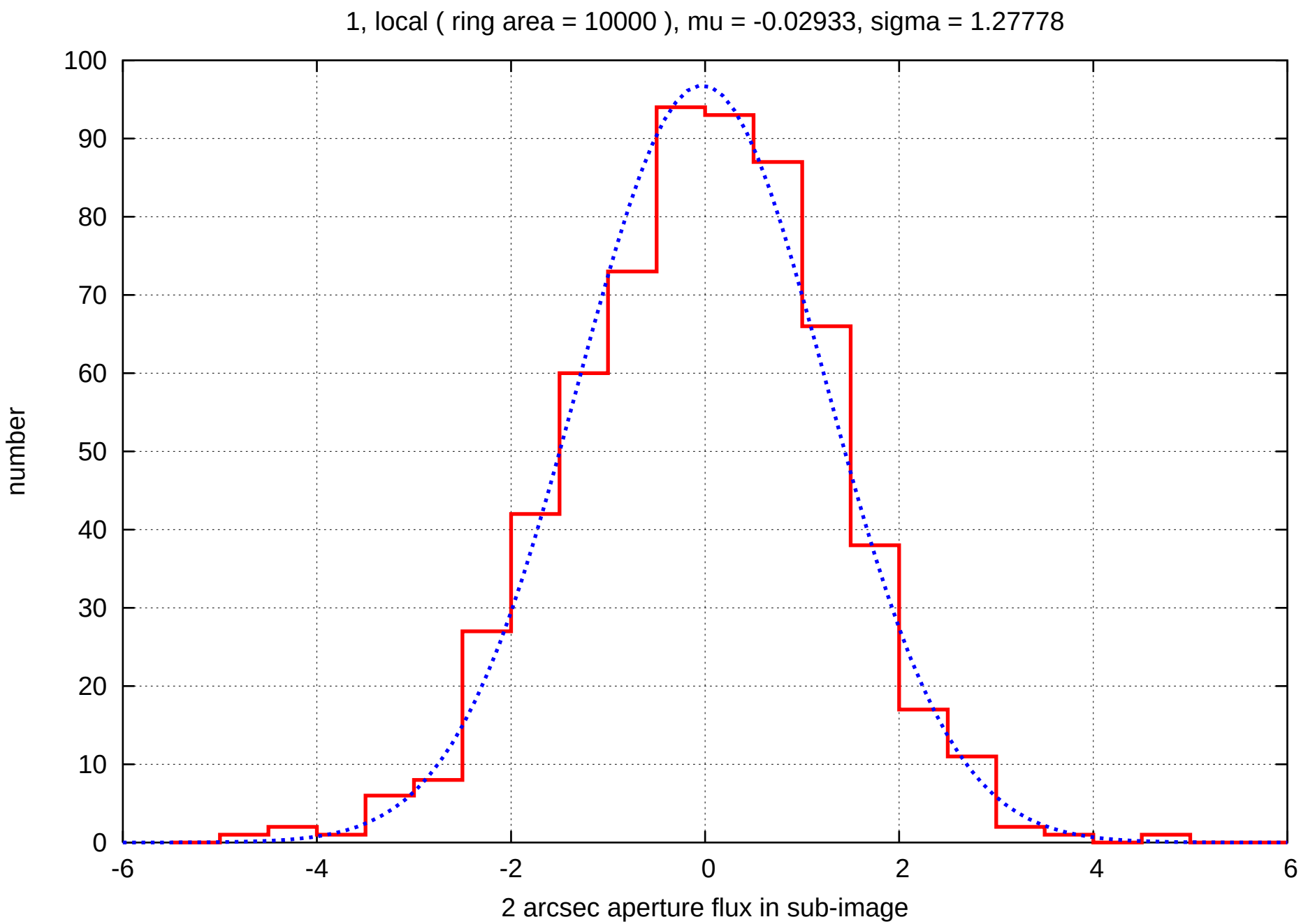

1, no, mu = -0.49718, sigma = 1.18478
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
-6
-4
-2
0
2
4
6

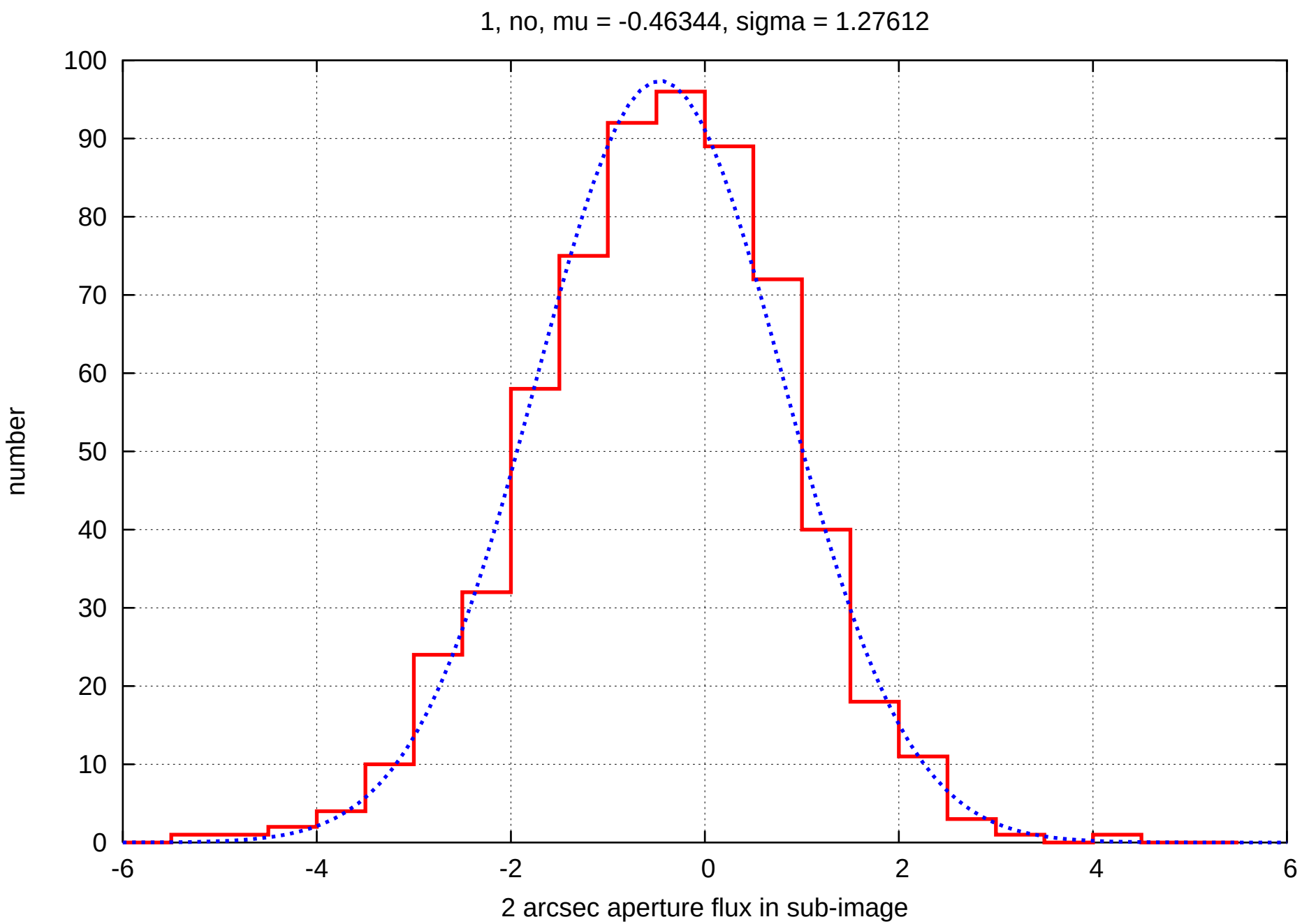

1, global, ( mesh size = 2500 ), mu = -0.23652, sigma = 1.12201
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
180
-6
-4
-2
0
2
4
6

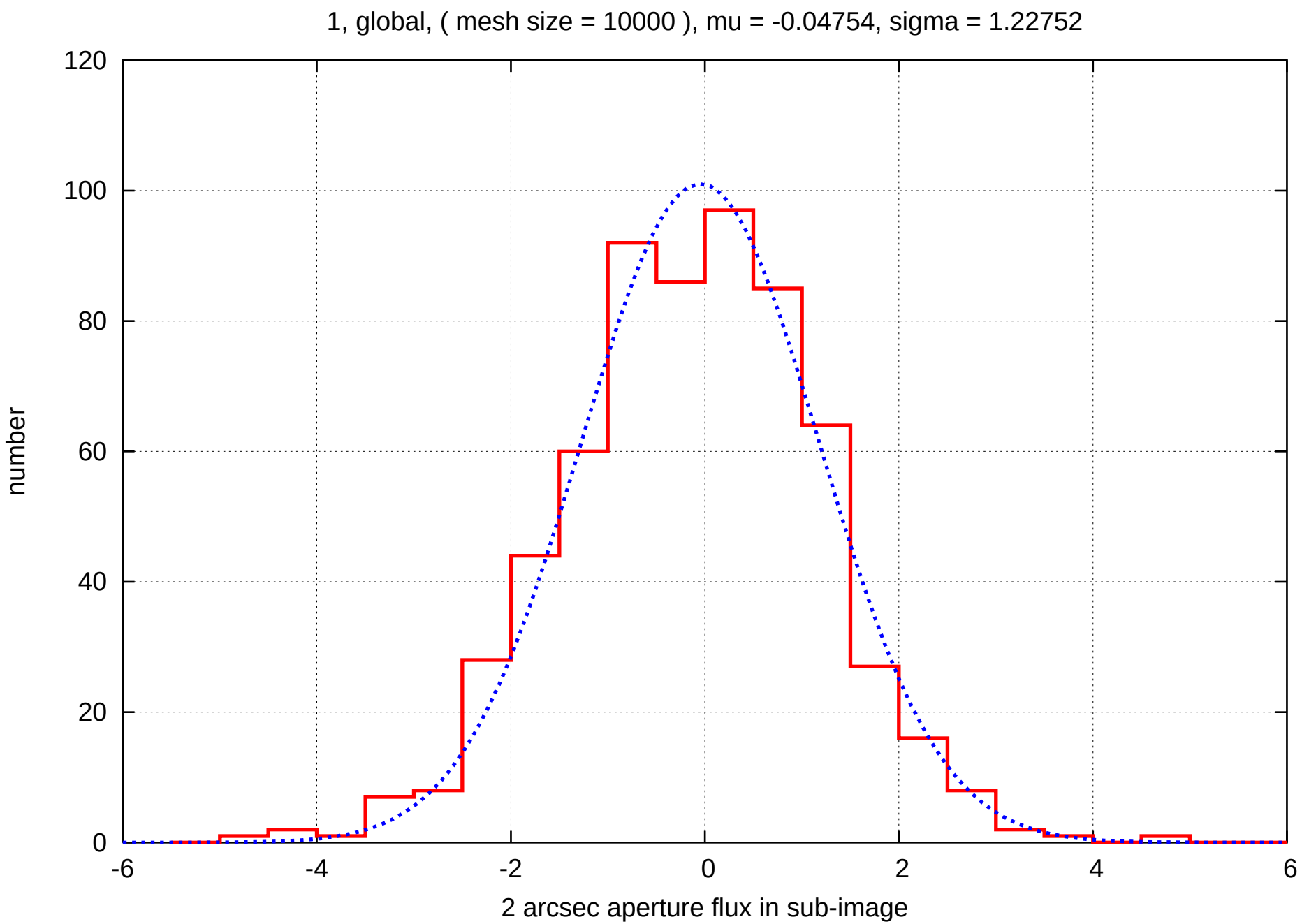

1, local ( ring area = 5000 ), mu = -0.04480, sigma = 1.13443
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
180
200
-6
-4
-2
0
2
4
6

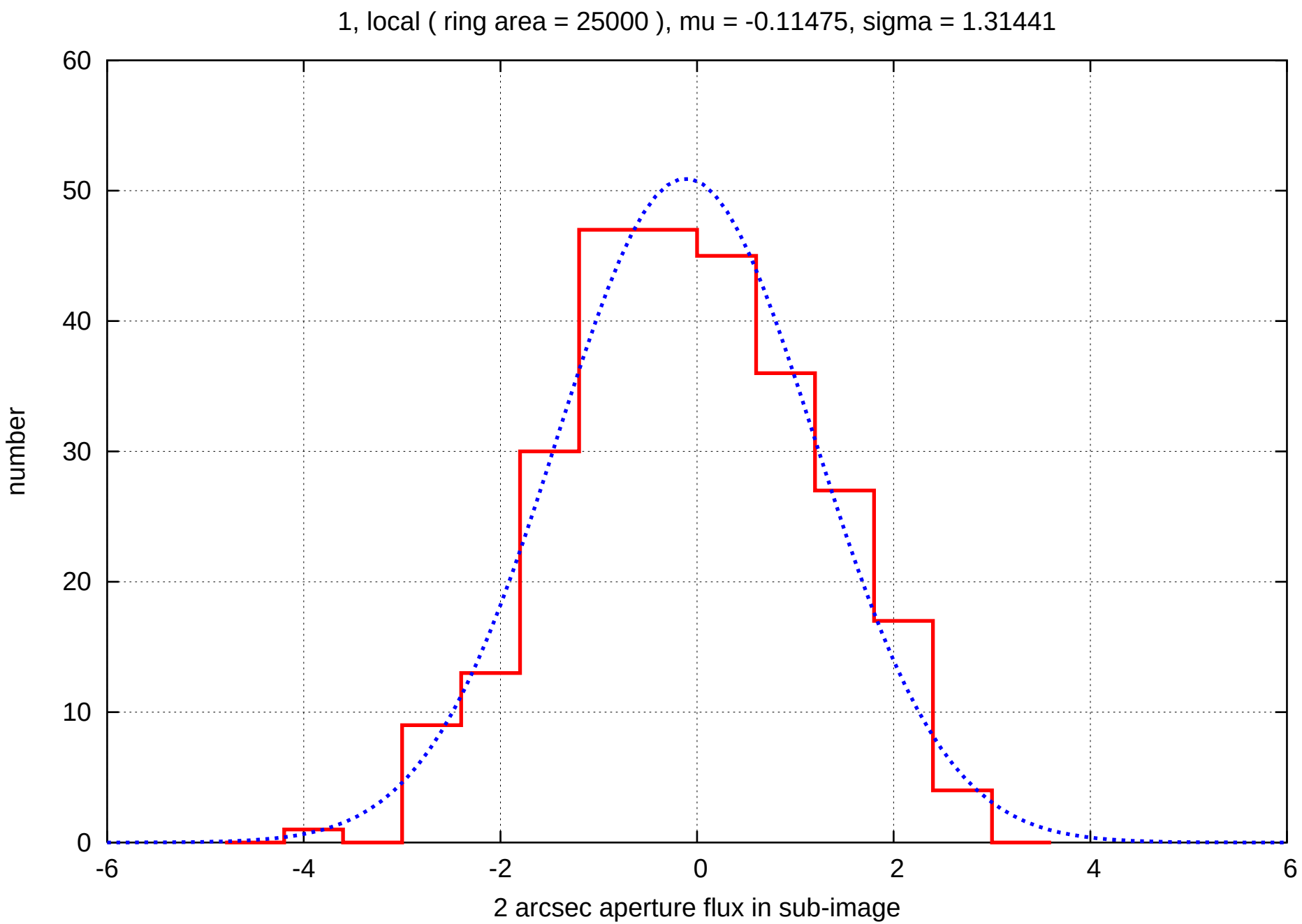

1, no, mu = -0.46064, sigma = 1.14076
number
2 arcsec aperture flux in sub-image
200
180
160
140
120
100
80
60
40
20
0
-6
-4
-2
0
2
4
6

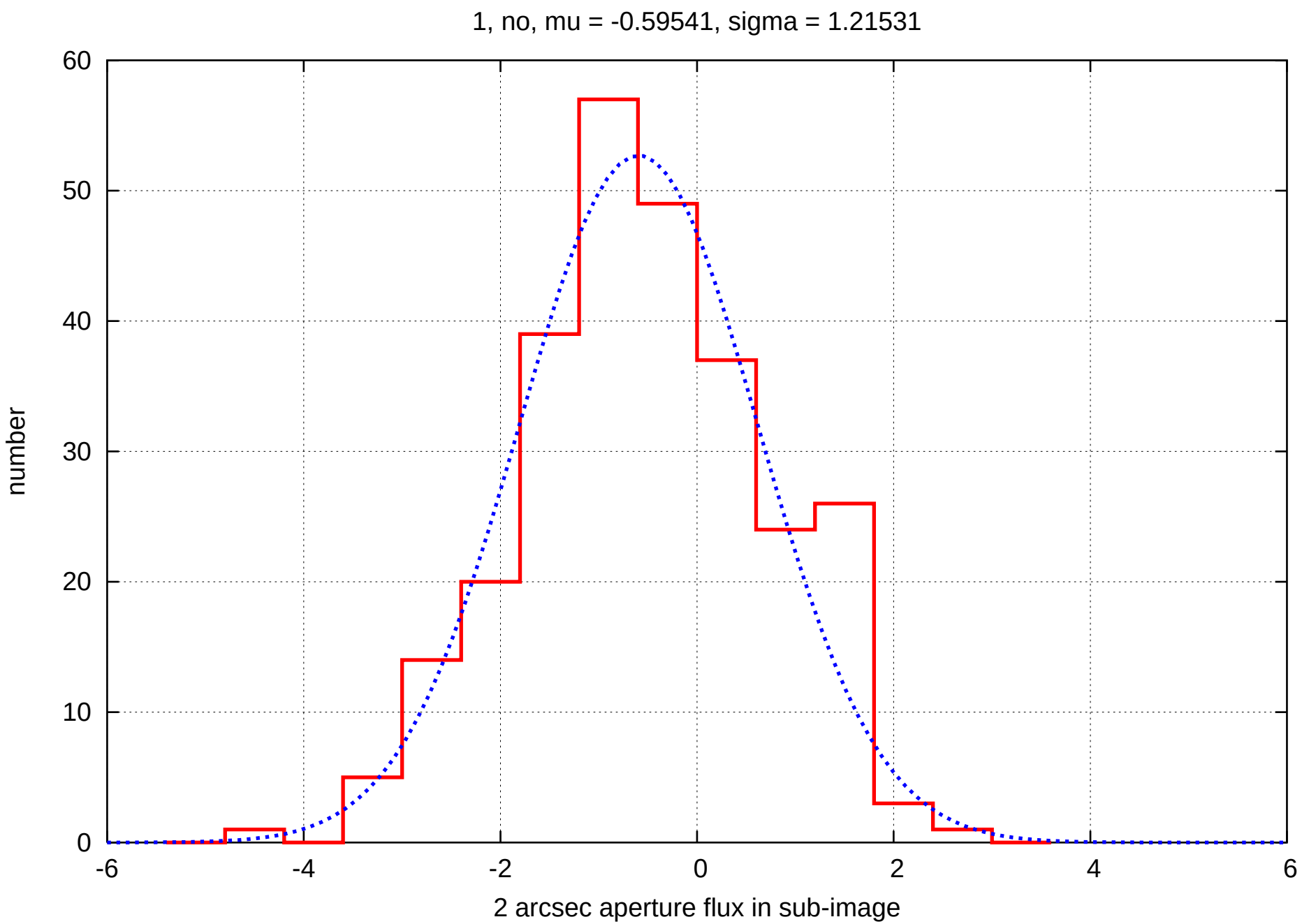

1, global, ( mesh size = 5000 ), mu = -0.16022, sigma = 1.10149
250
200
150
100
50
0
number
-6
-4
-2
0
2
4
6
2 arcsec aperture flux in sub-image

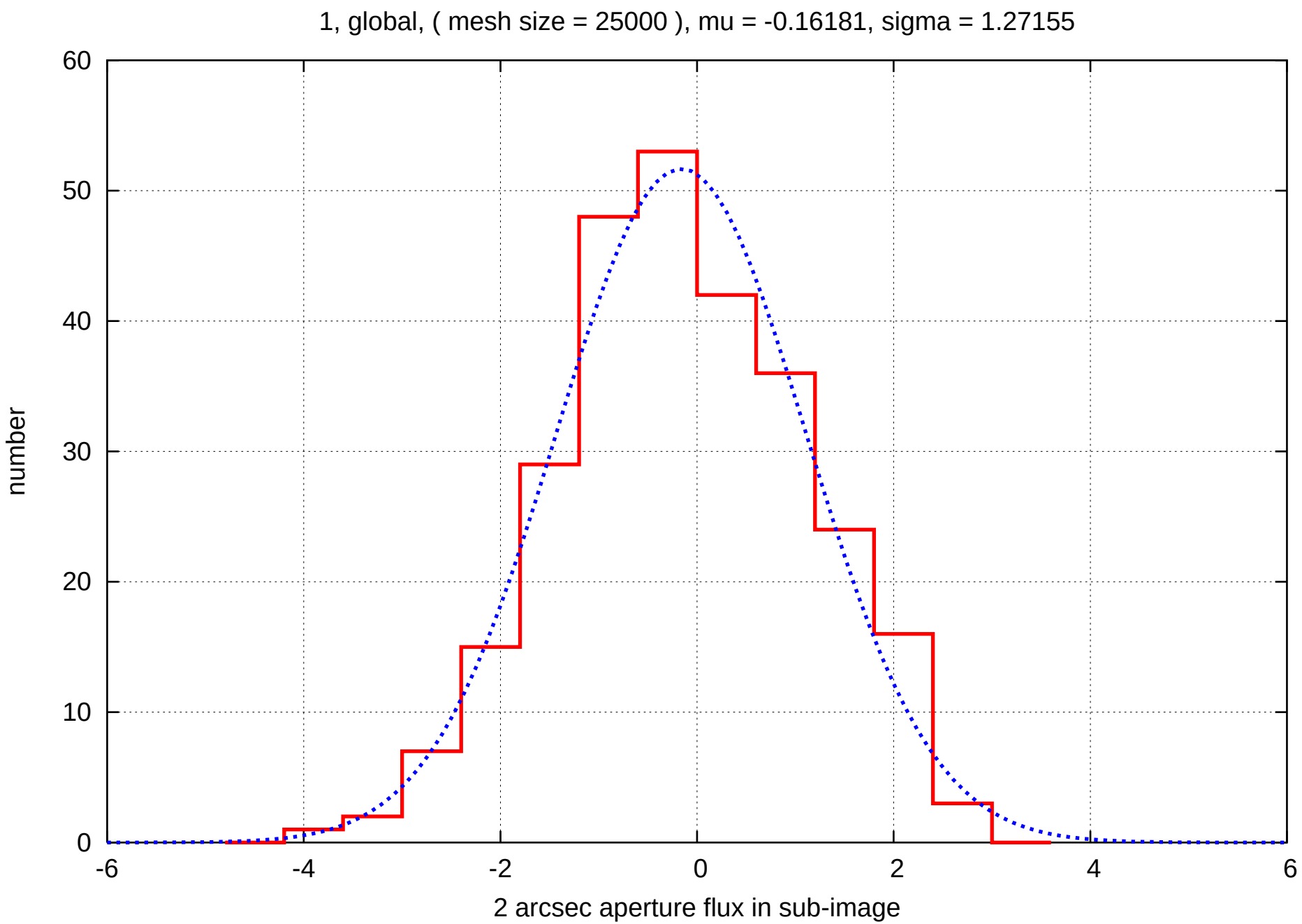

1, local ( ring area = 10000 ), mu = -0.02933, sigma = 1.27778
number
2 arcsec aperture flux in sub-image
100
90
80
70
60
50
40
30
20
10
0
-6
-4
-2
0
2
4
6

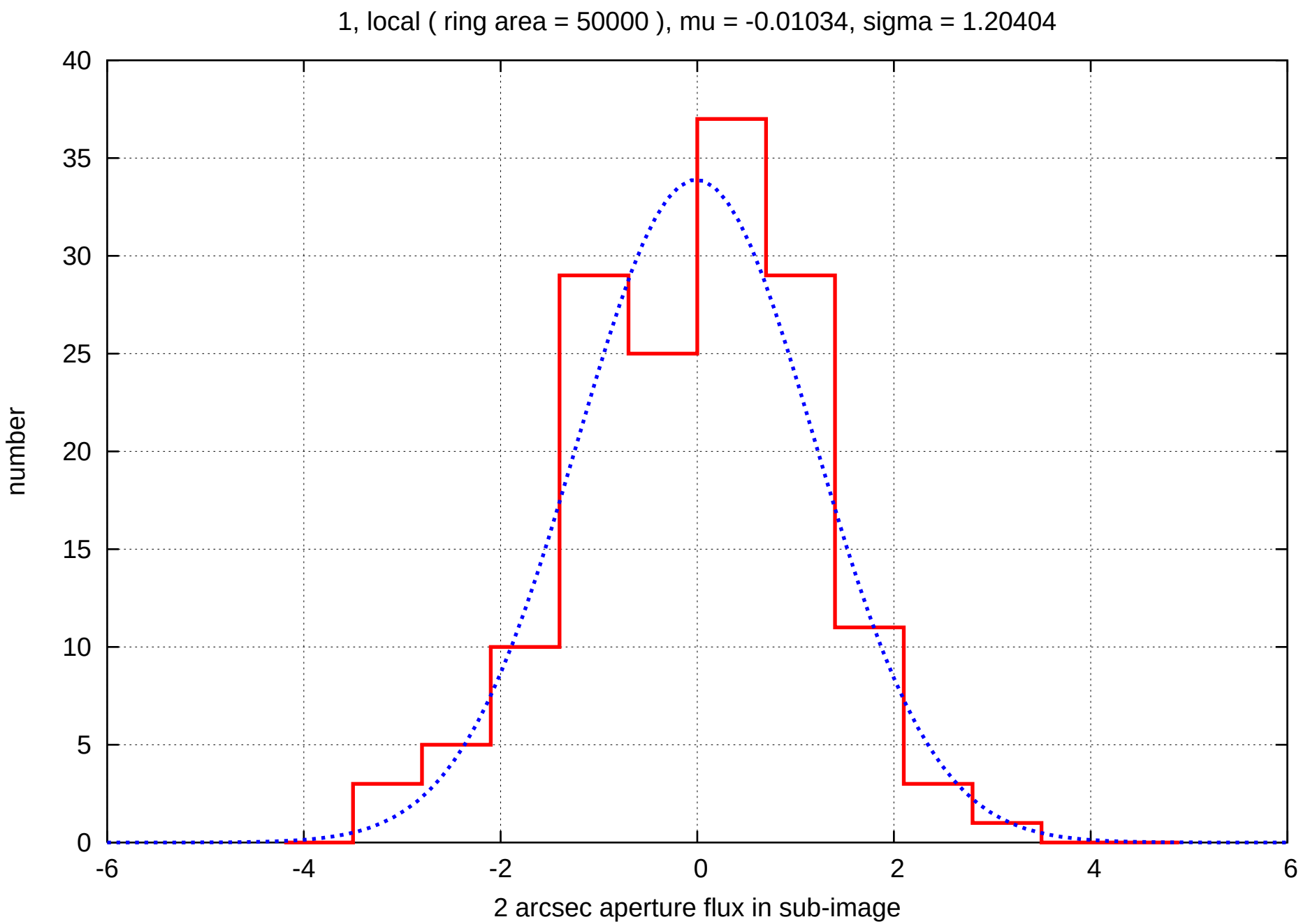

1, no, mu = -0.46344, sigma = 1.27612
number
2 arcsec aperture flux in sub-image
100
90
80
70
60
50
40
30
20
10
0
-6
-4
-2
0
2
4
6

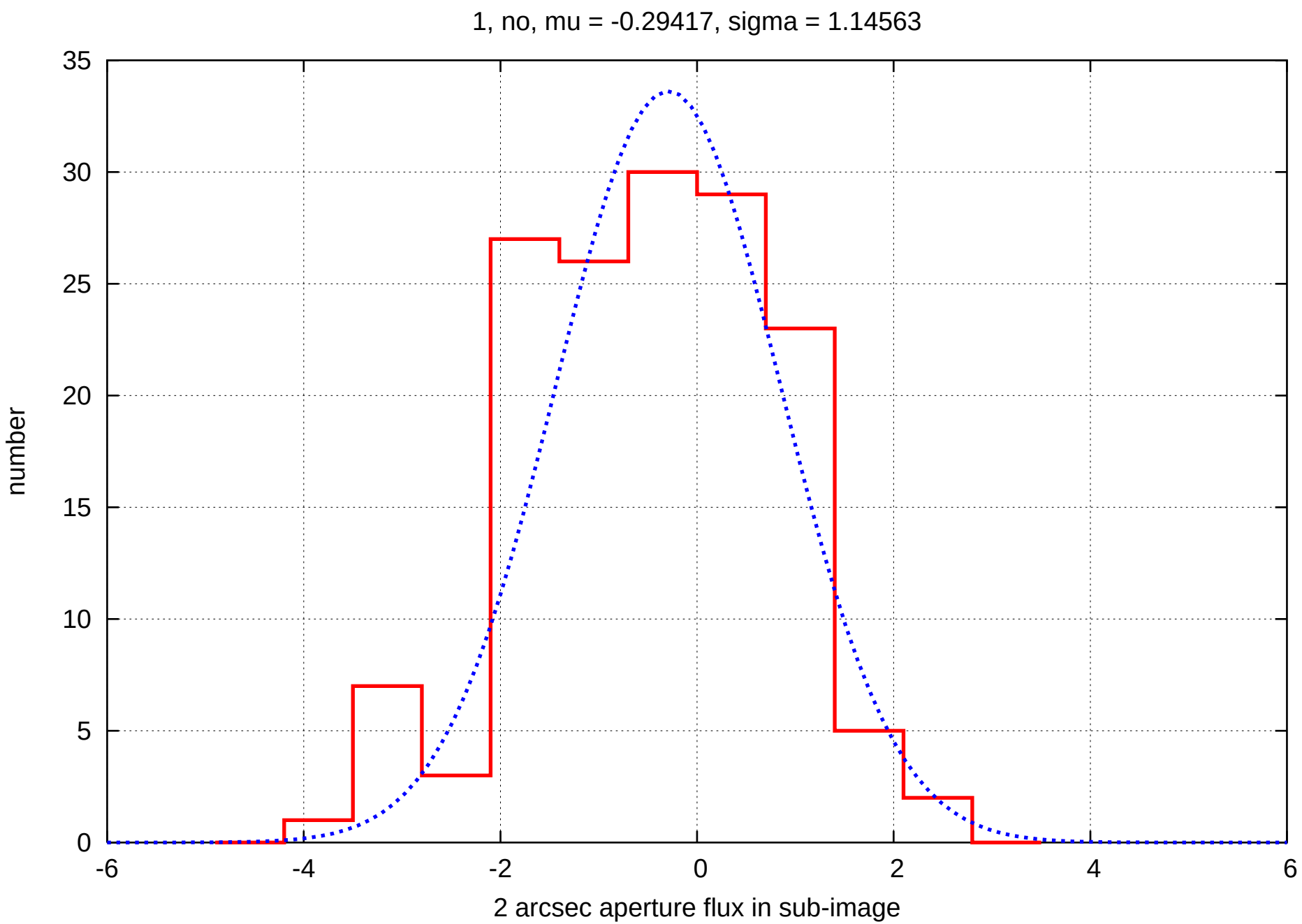

1, global, ( mesh size = 10000 ), mu = -0.04754, sigma = 1.22752
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
-6
-4
-2
0
2
4
6

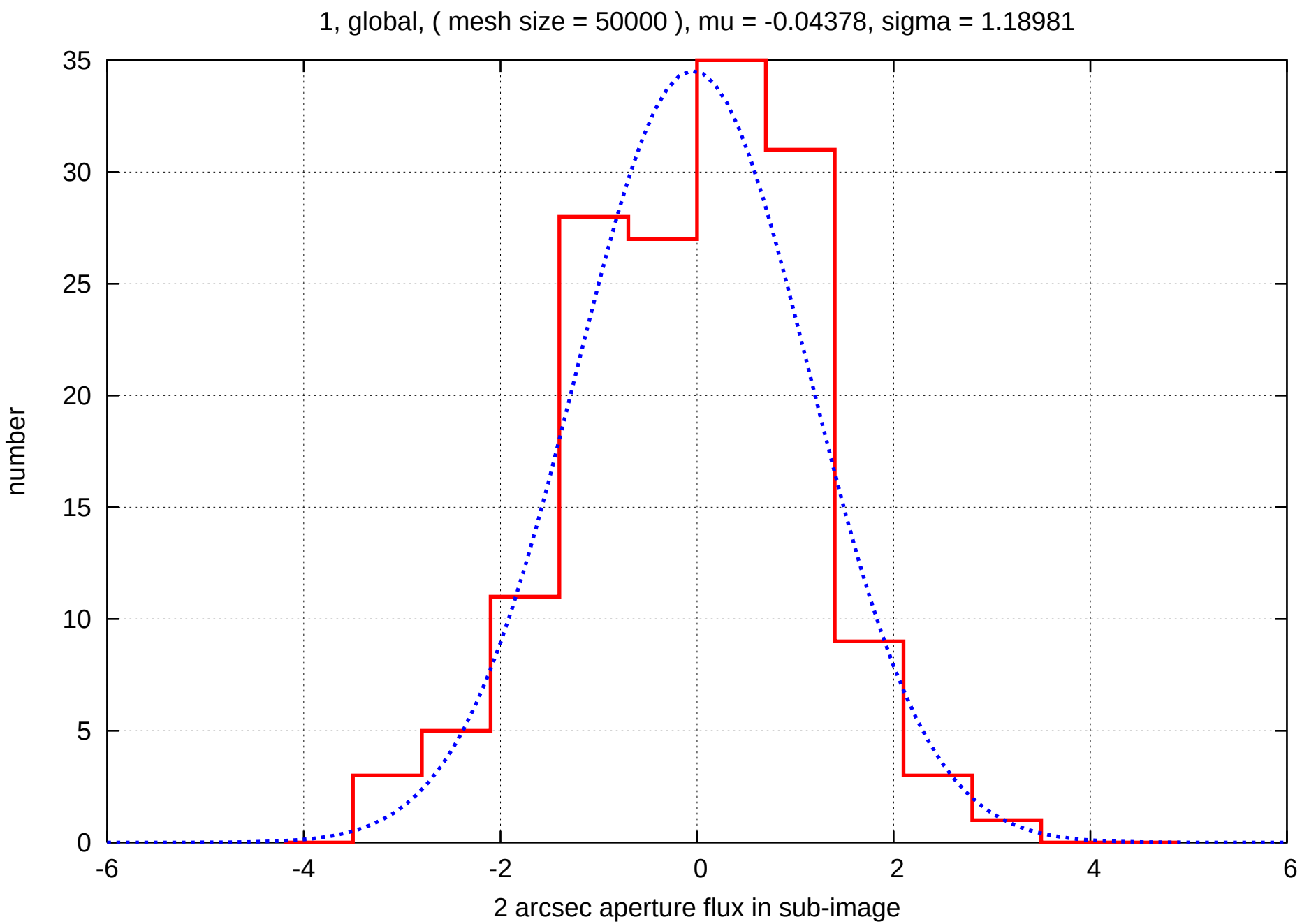

1, local ( ring area = 25000 ), mu = -0.11475, sigma = 1.31441
number
2 arcsec aperture flux in sub-image
0
10
20
30
40
50
60
-6
-4
-2
0
2
4
6

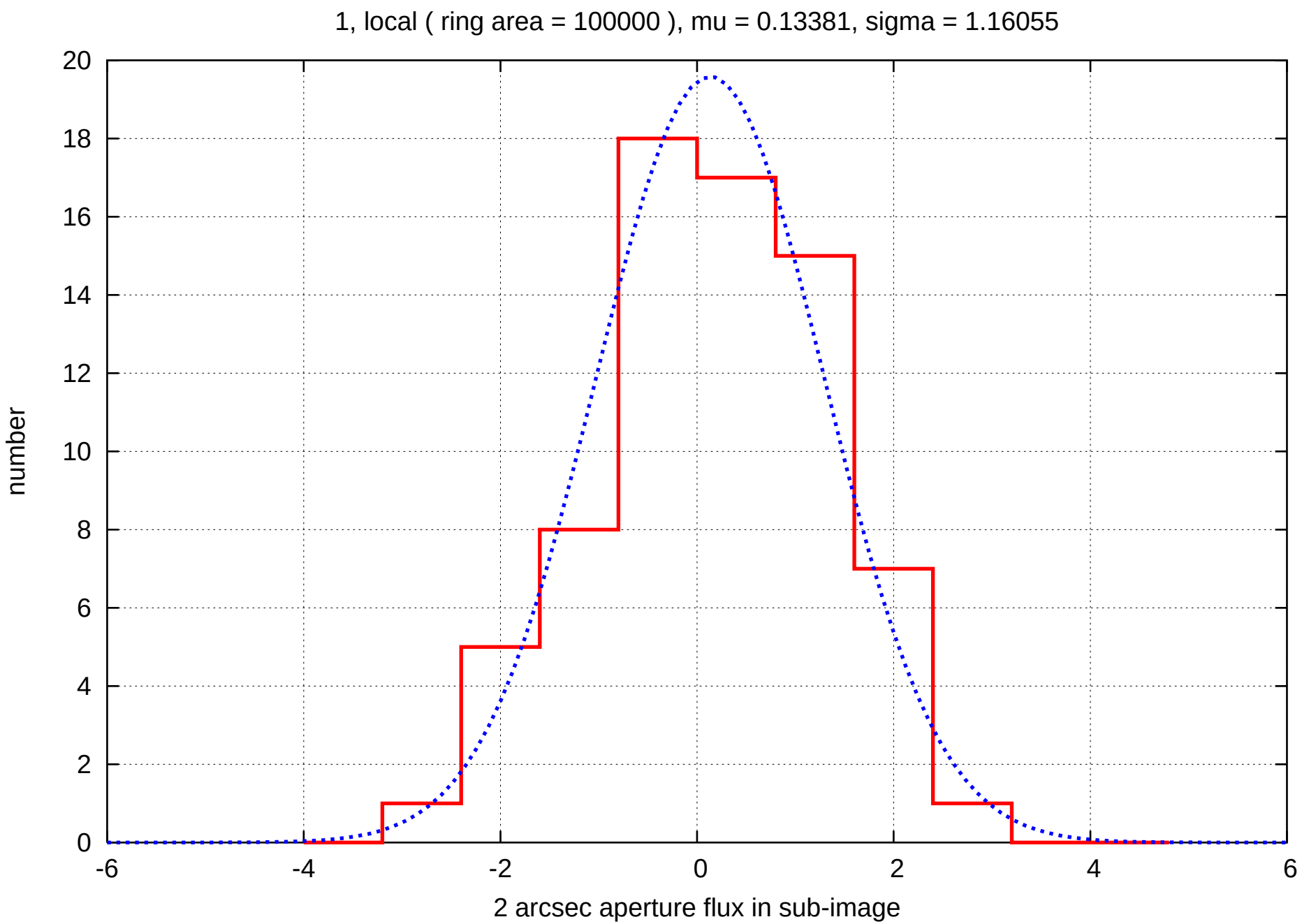

1, no, mu = -0.59541, sigma = 1.21531
number
2 arcsec aperture flux in sub-image
0
10
20
30
40
50
60
-6
-4
-2
0
2
4
6

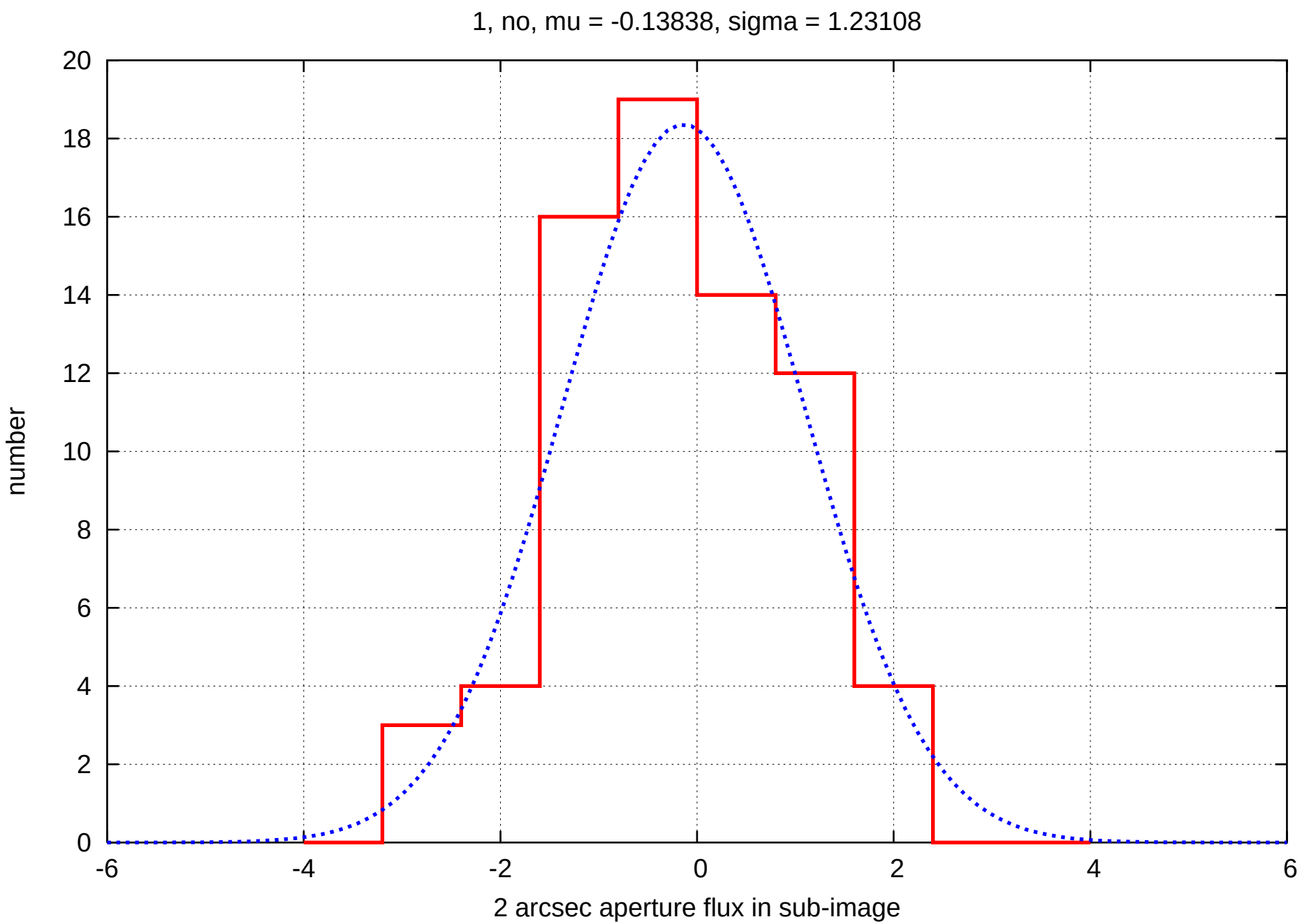

1, global, ( mesh size = 25000 ), mu = -0.16181, sigma = 1.27155
number
2 arcsec aperture flux in sub-image
0
10
20
30
40
50
60
-6
-4
-2
0
2
4
6

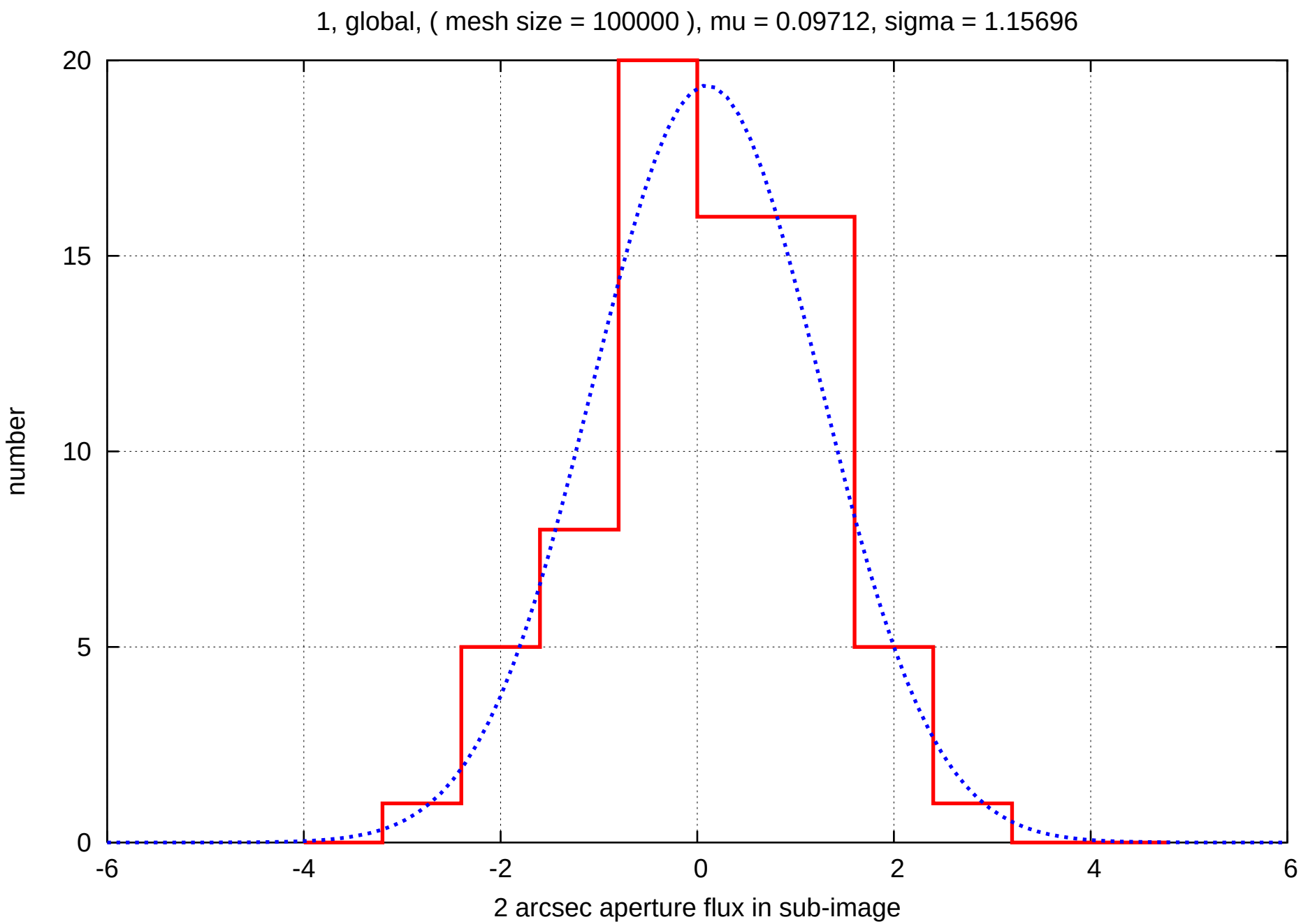

1, local ( ring area = 50000 ), mu = -0.01034, sigma = 1.20404
number
2 arcsec aperture flux in sub-image
0
5
10
15
20
25
30
35
40
-6
-4
-2
0
2
4
6

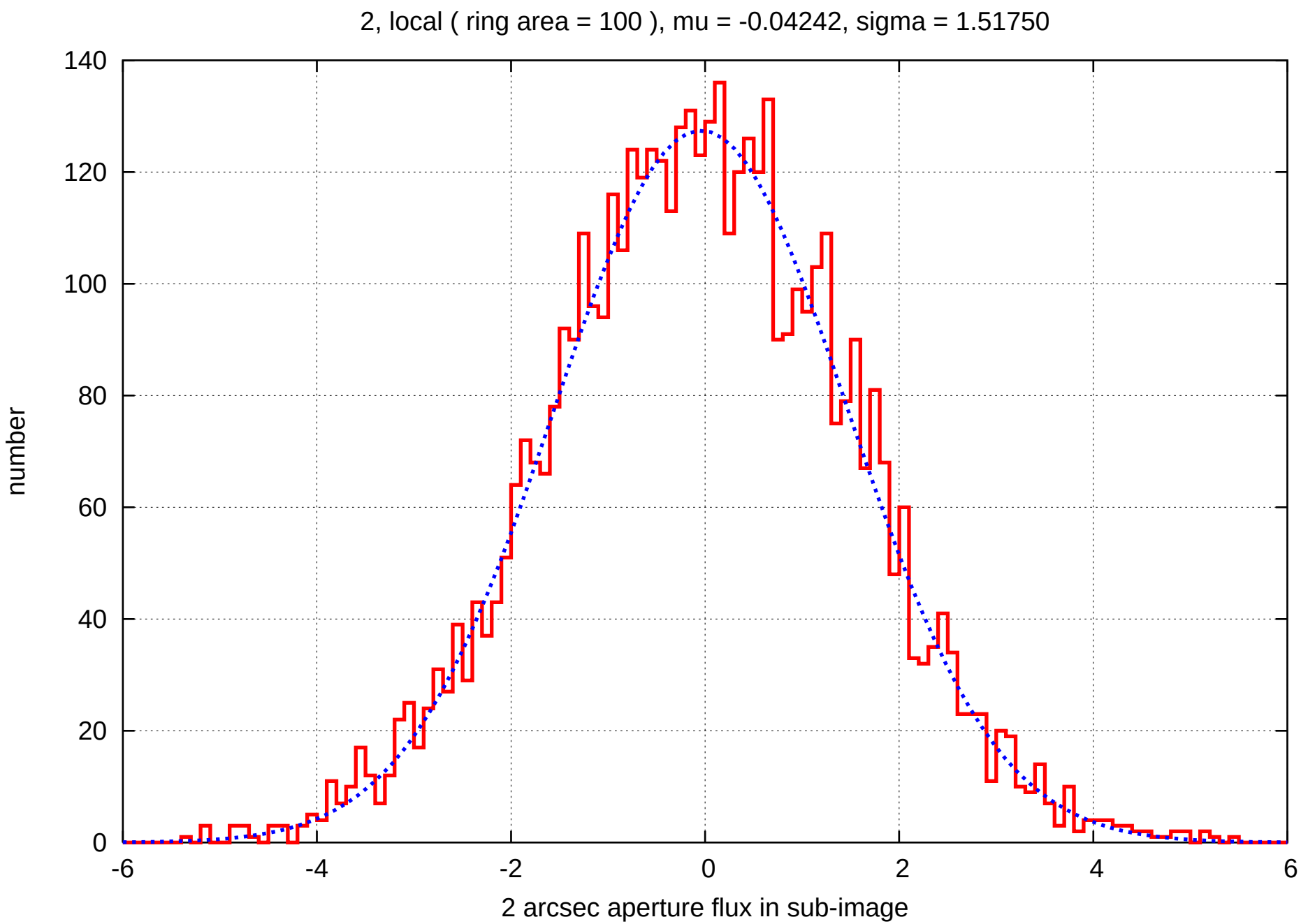

1, no, mu = -0.29417, sigma = 1.14563
number
2 arcsec aperture flux in sub-image
35
30
25
20
15
10
5
0
-6
-4
-2
0
2
4
6

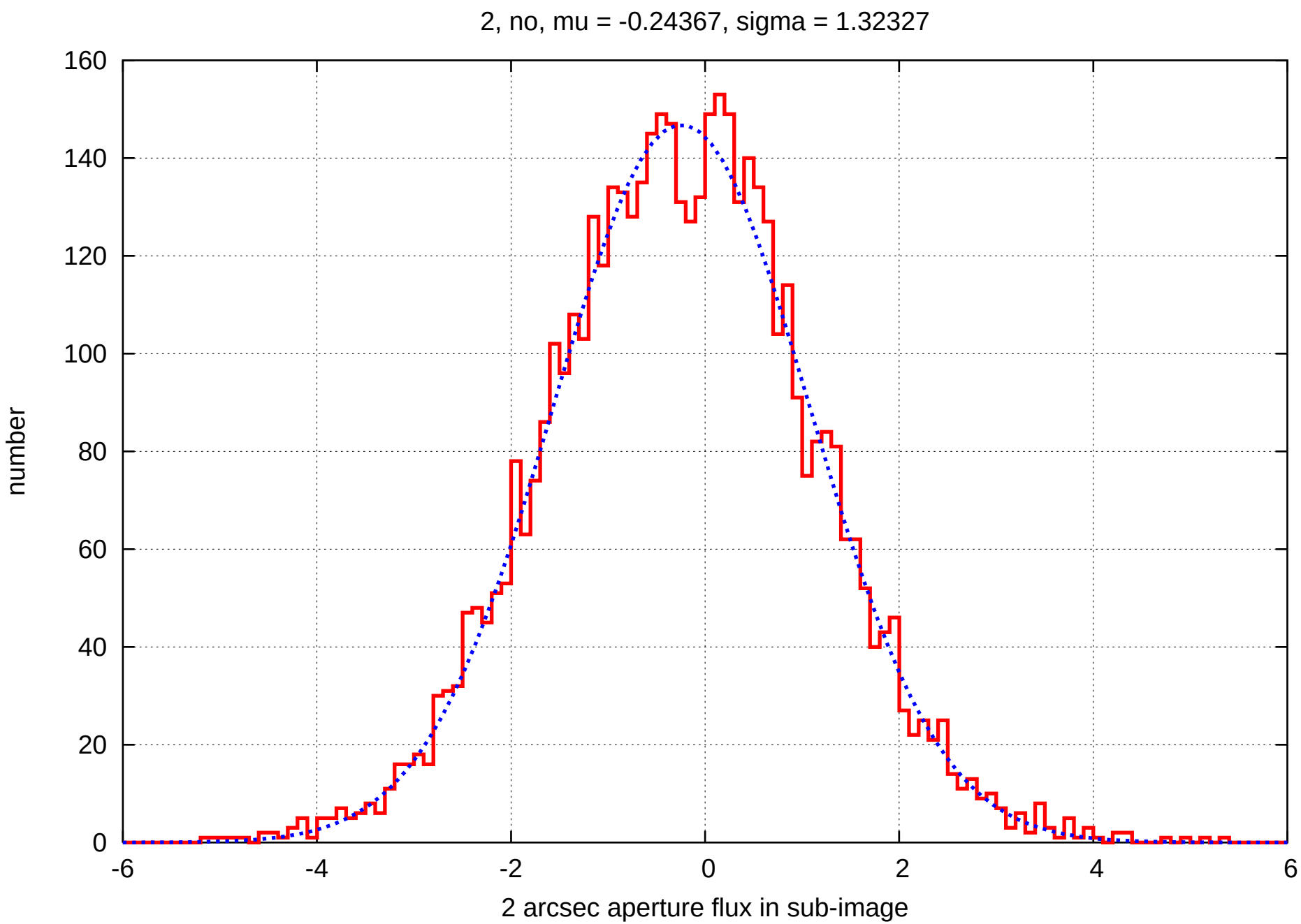

1, global, ( mesh size = 50000 ), mu = -0.04378, sigma = 1.18981
number
2 arcsec aperture flux in sub-image
0
5
10
15
20
25
30
35
-6
-4
-2
0
2
4
6

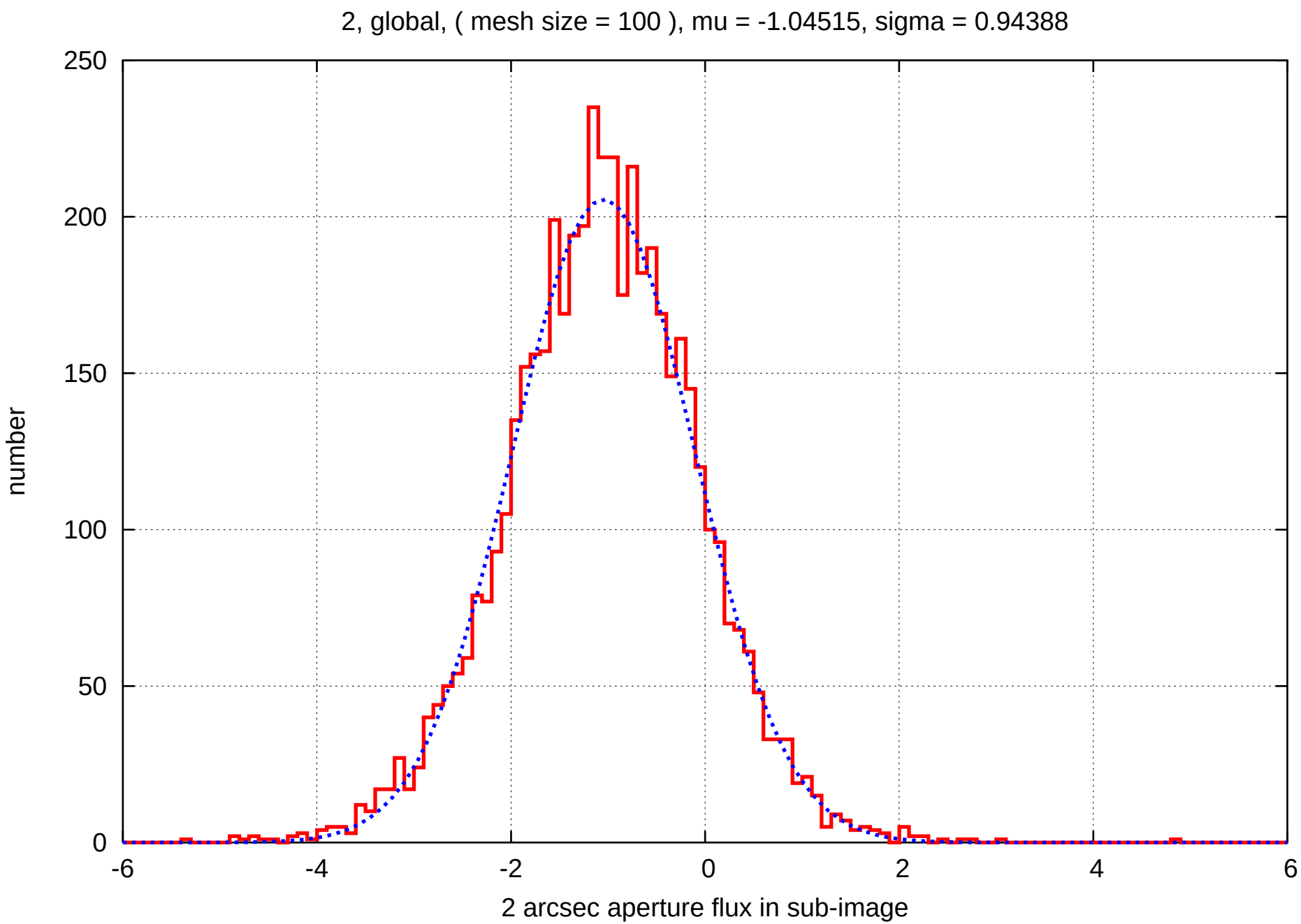

1, local ( ring area = 100000 ), mu = 0.13381, sigma = 1.16055
number
2 arcsec aperture flux in sub-image
0
2
4
6
8
10
12
14
16
18
20
-6
-4
-2
0
2
4
6

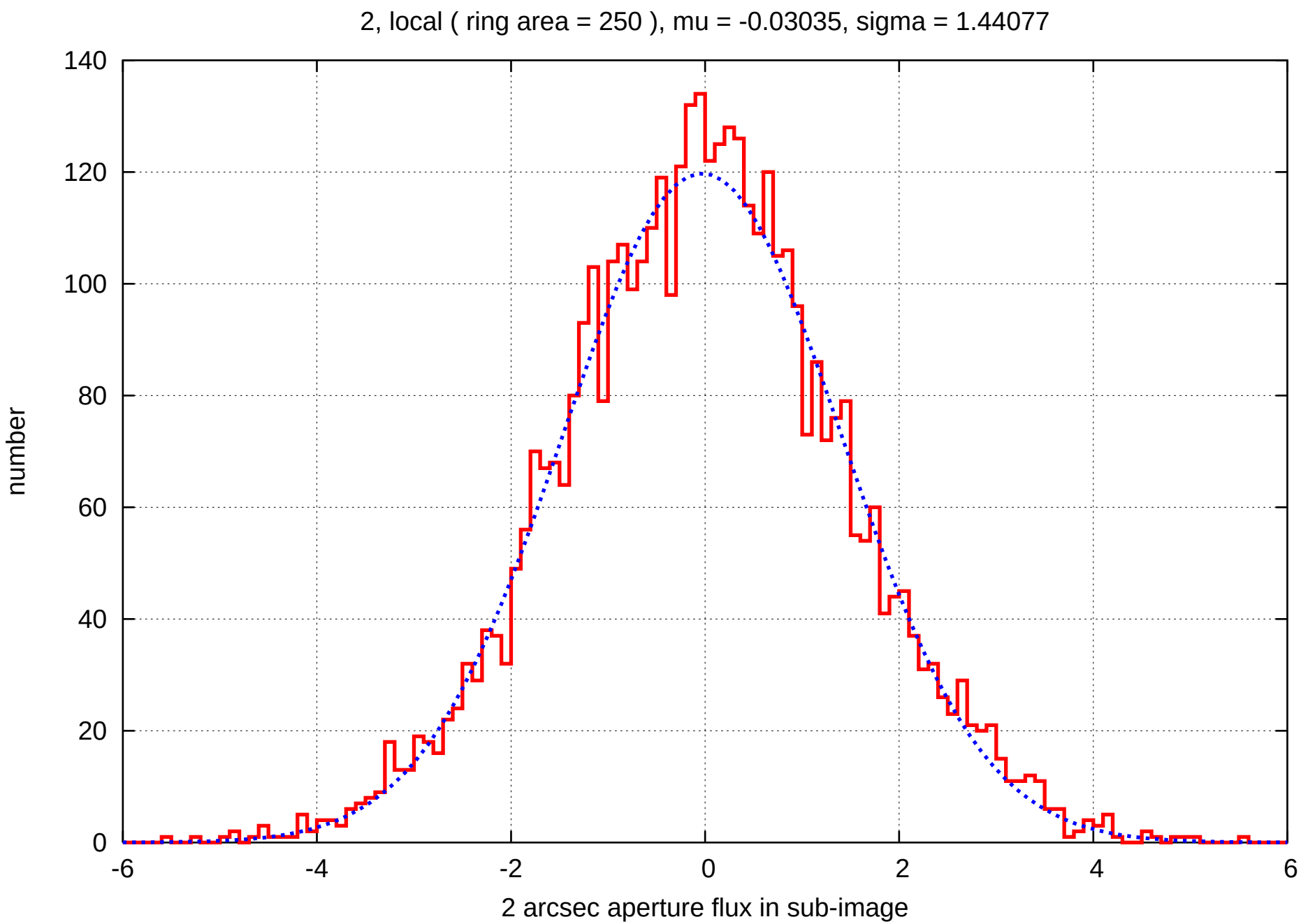

1, no, mu = -0.13838, sigma = 1.23108
number
2 arcsec aperture flux in sub-image
0
2
4
6
8
10
12
14
16
18
20
-6
-4
-2
0
2
4
6

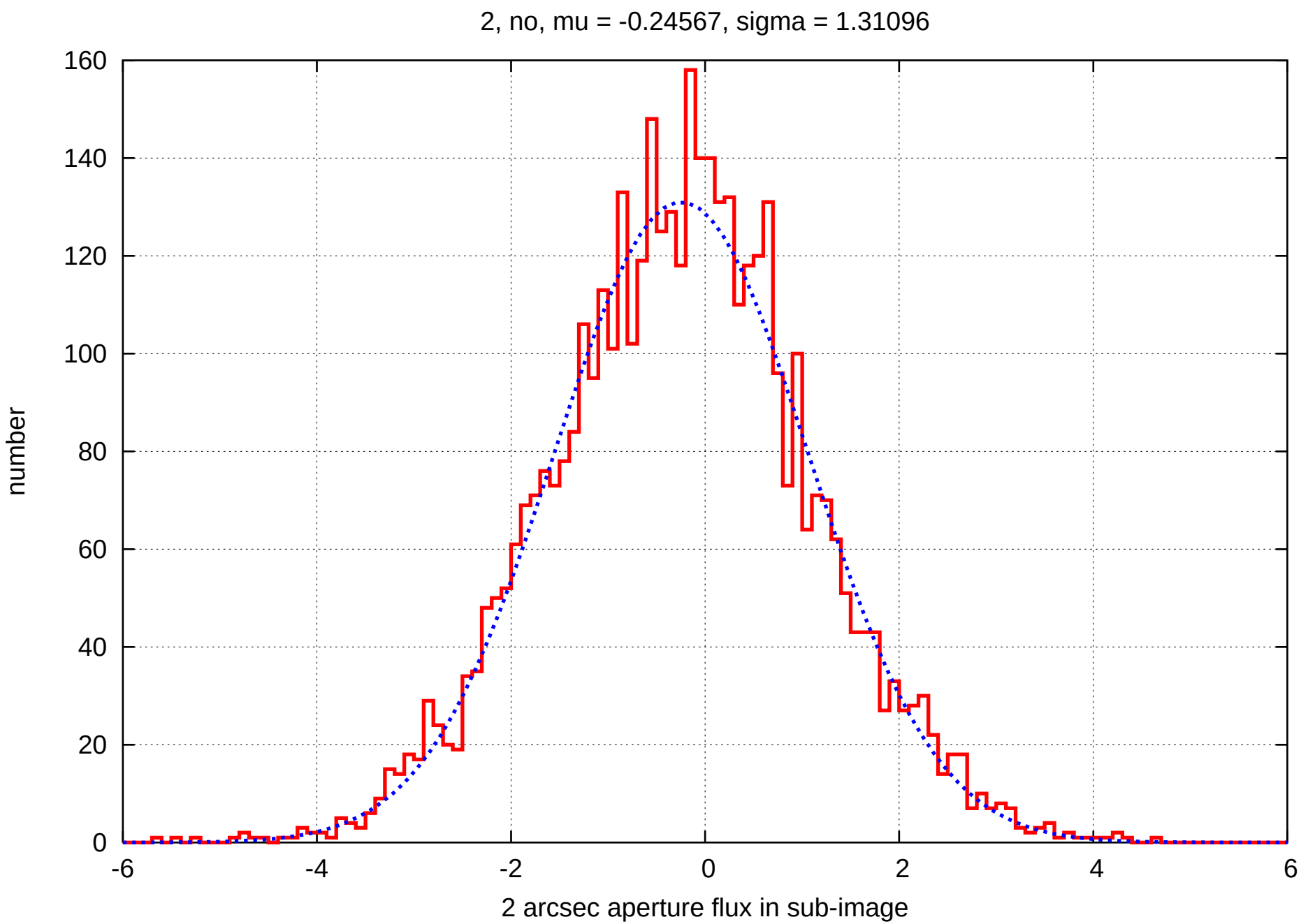

1, global, ( mesh size = 100000 ), mu = 0.09712, sigma = 1.15696
number
2 arcsec aperture flux in sub-image
0
5
10
15
20
-6
-4
-2
0
2
4
6

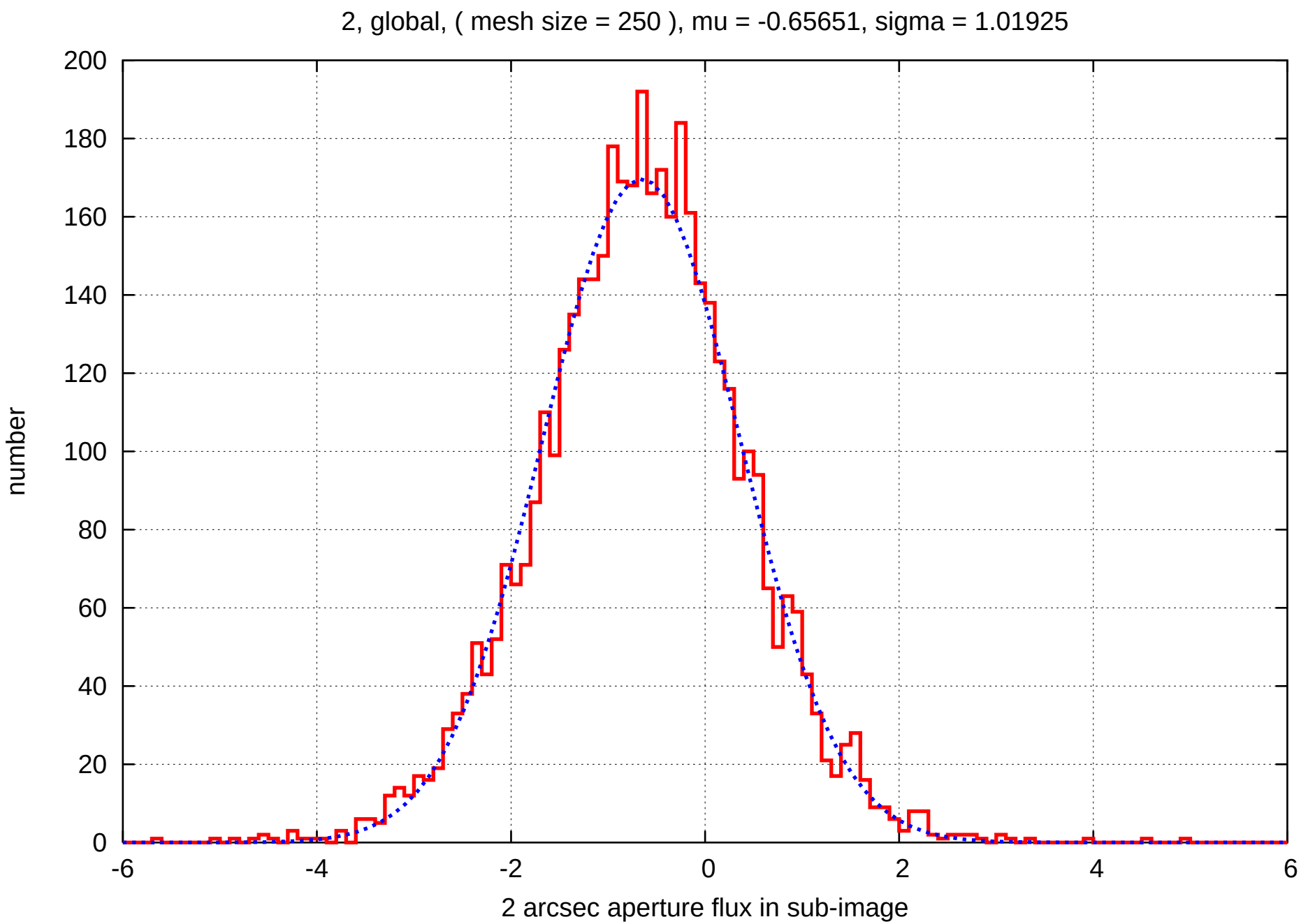

2, local ( ring area = 100 ), mu = -0.04242, sigma = 1.51750
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
-6
-4
-2
0
2
4
6

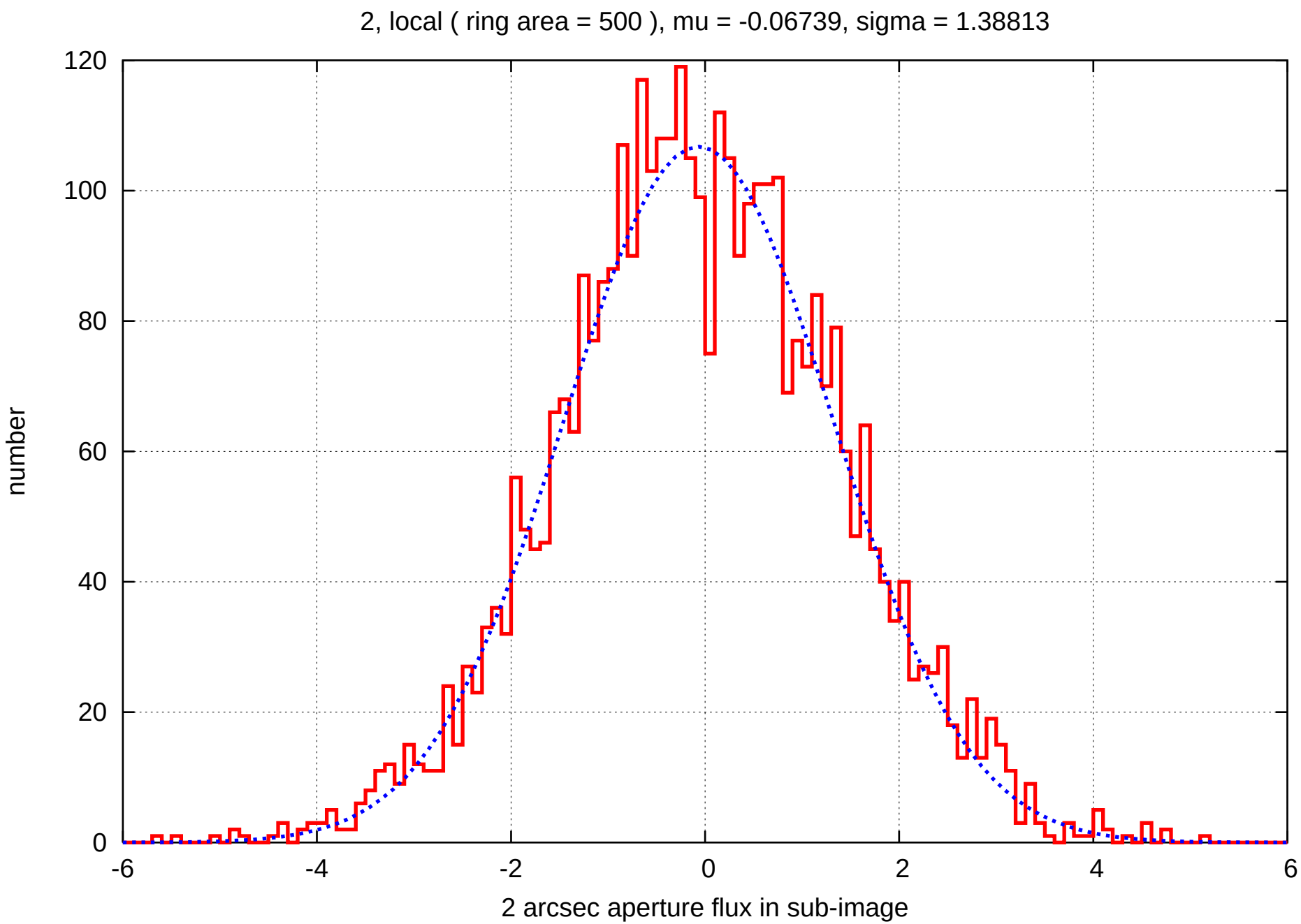

2, no, mu = -0.24367, sigma = 1.32327
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
-6
-4
-2
0
2
4
6

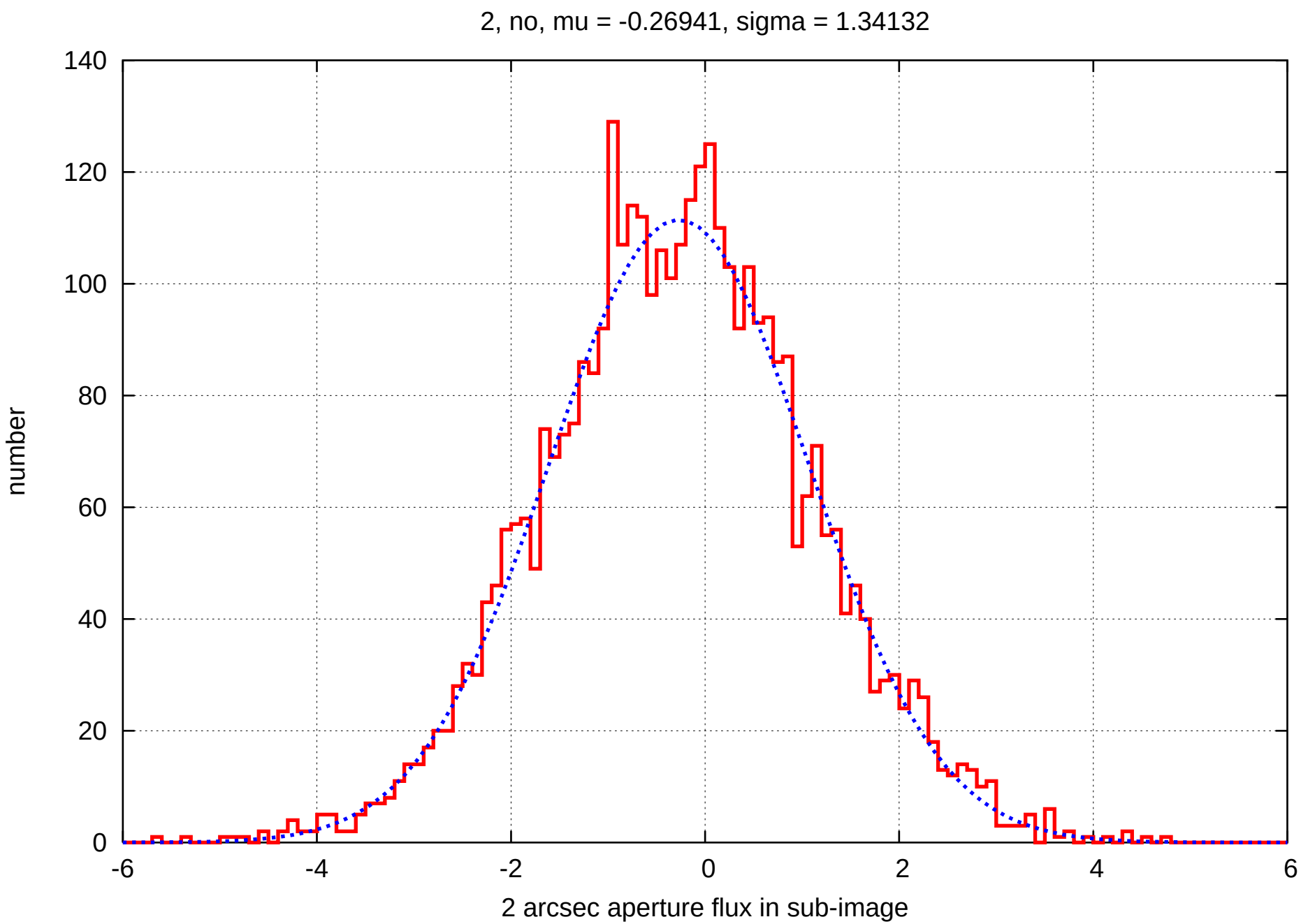

2, global, ( mesh size = 100 ), mu = -1.04515, sigma = 0.94388
number
250
200
150
100
50
0
-6
-4
-2
0
2
4
6
2 arcsec aperture flux in sub-image

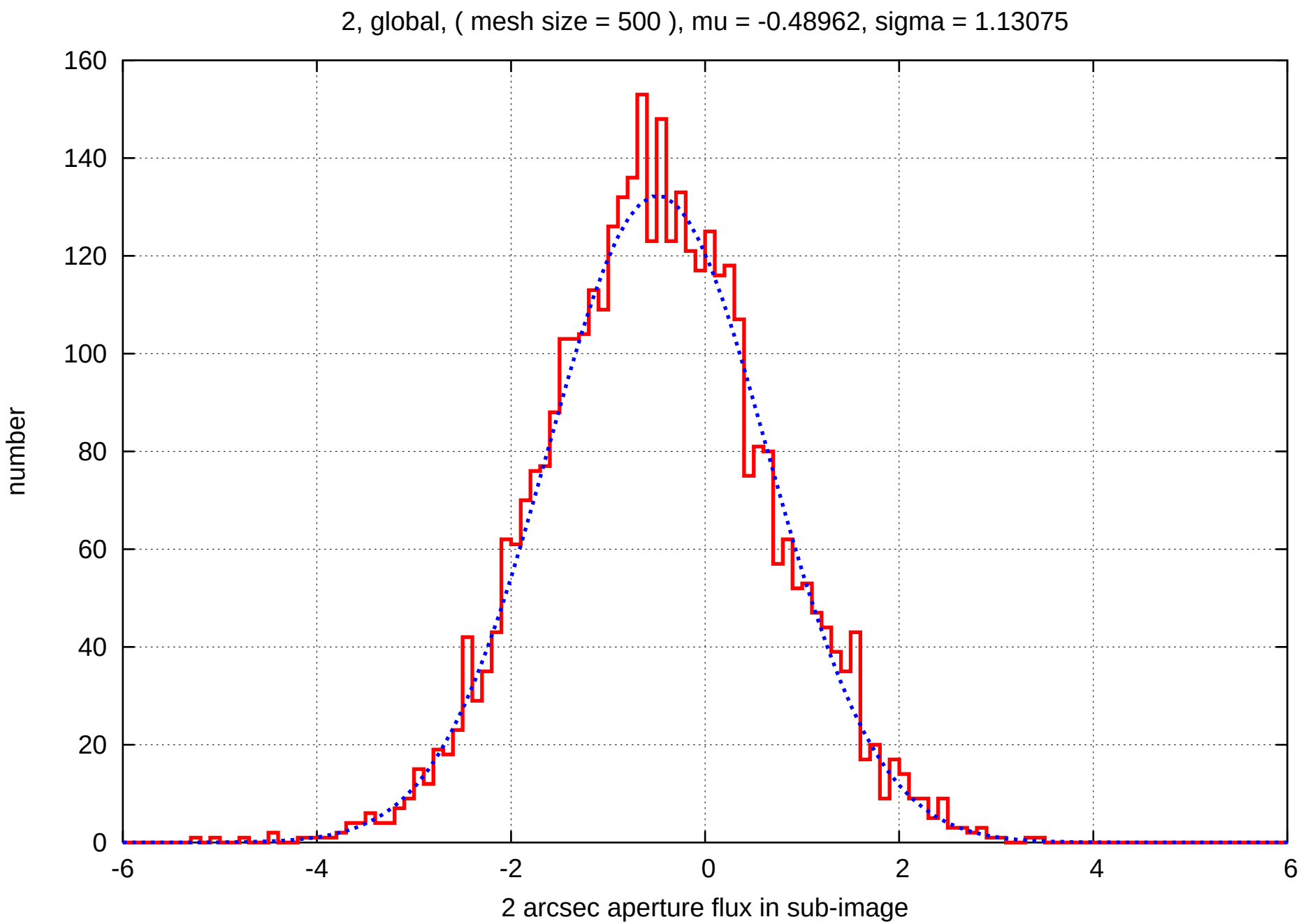

2, local ( ring area = 250 ), mu = -0.03035, sigma = 1.44077
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
-6
-4
-2
0
2
4
6

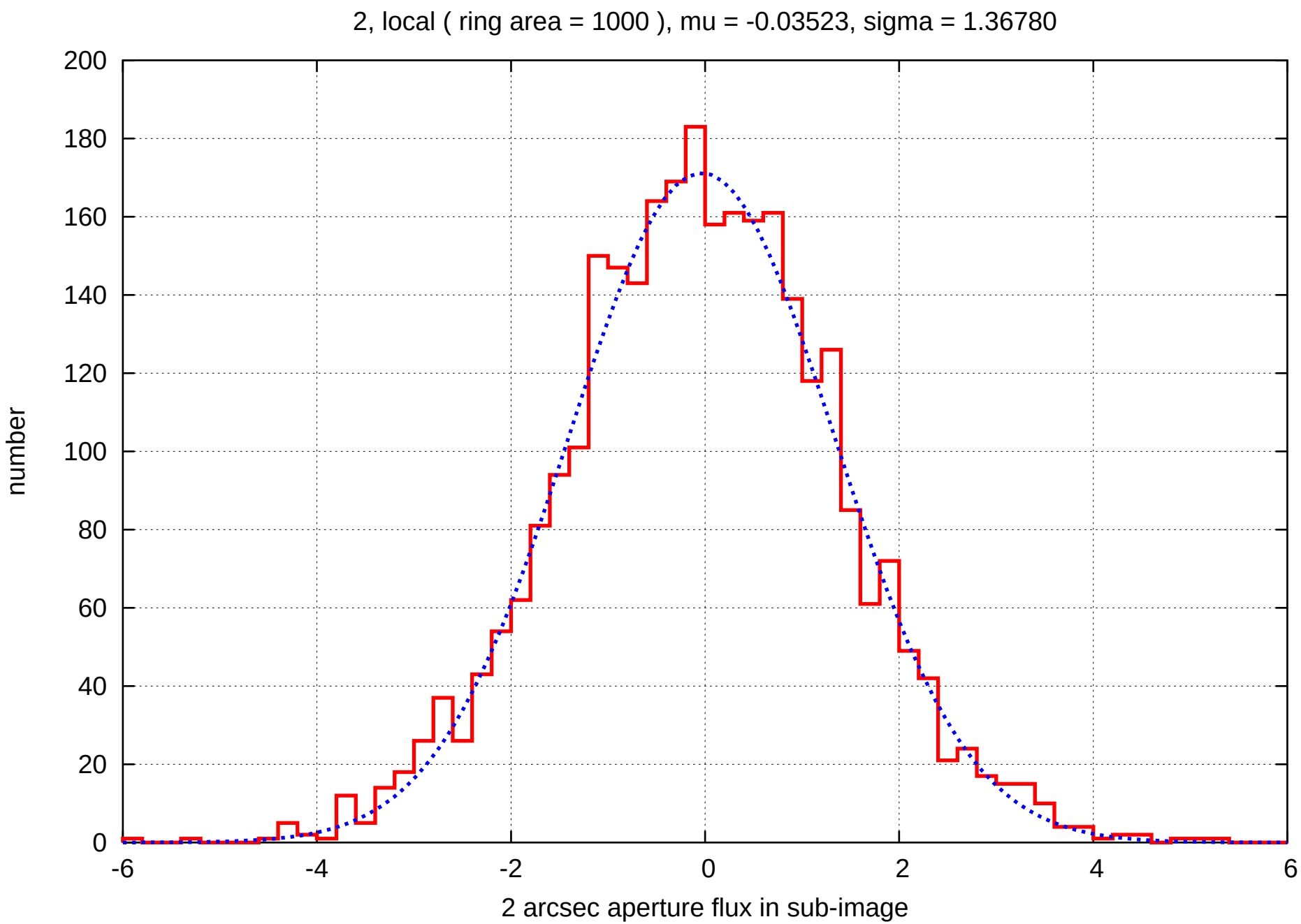

2, no, mu = -0.24567, sigma = 1.31096
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
-6
-4
-2
0
2
4
6

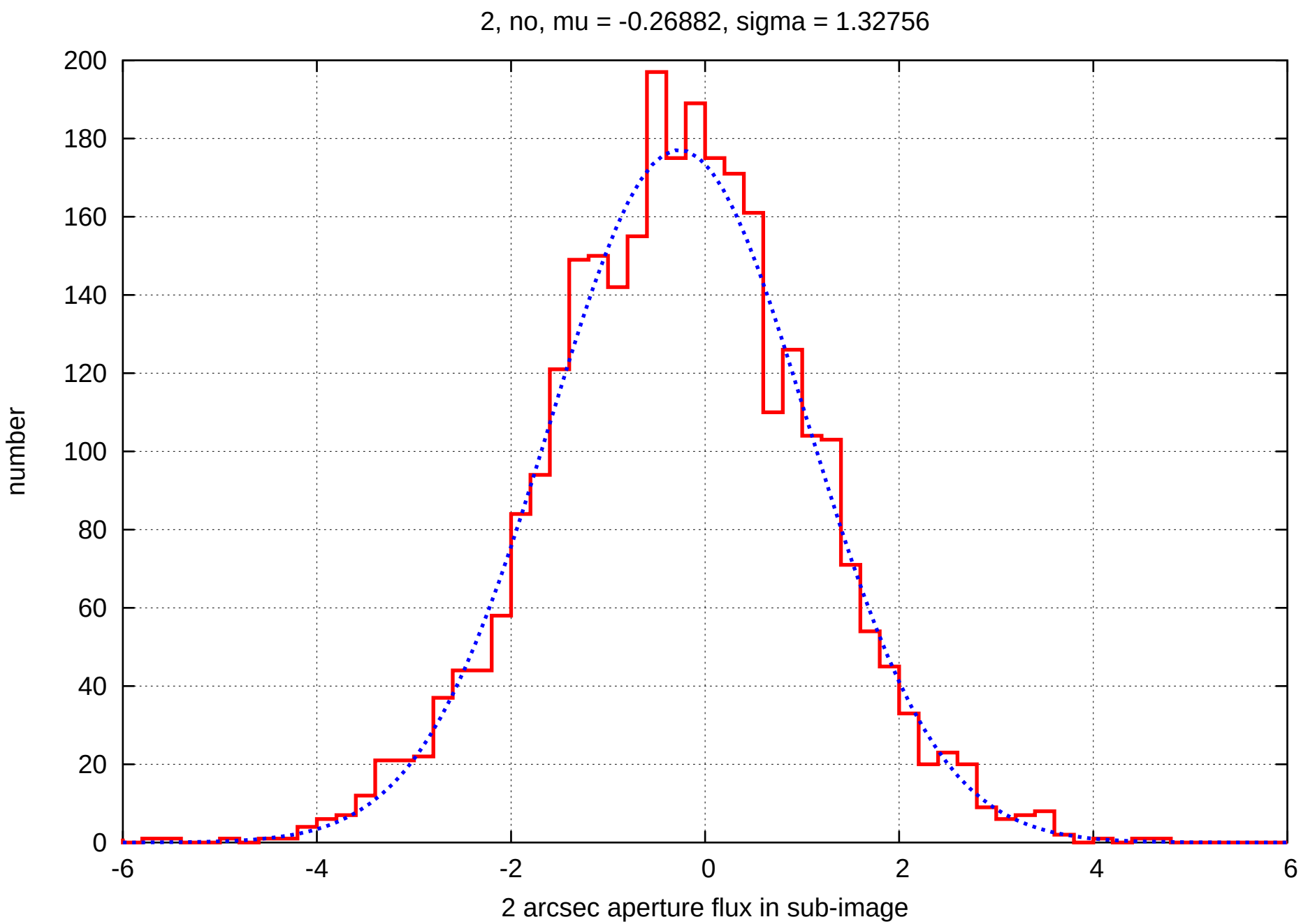

2, global, ( mesh size = 250 ), mu = -0.65651, sigma = 1.01925
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
180
200
-6
-4
-2
0
2
4
6

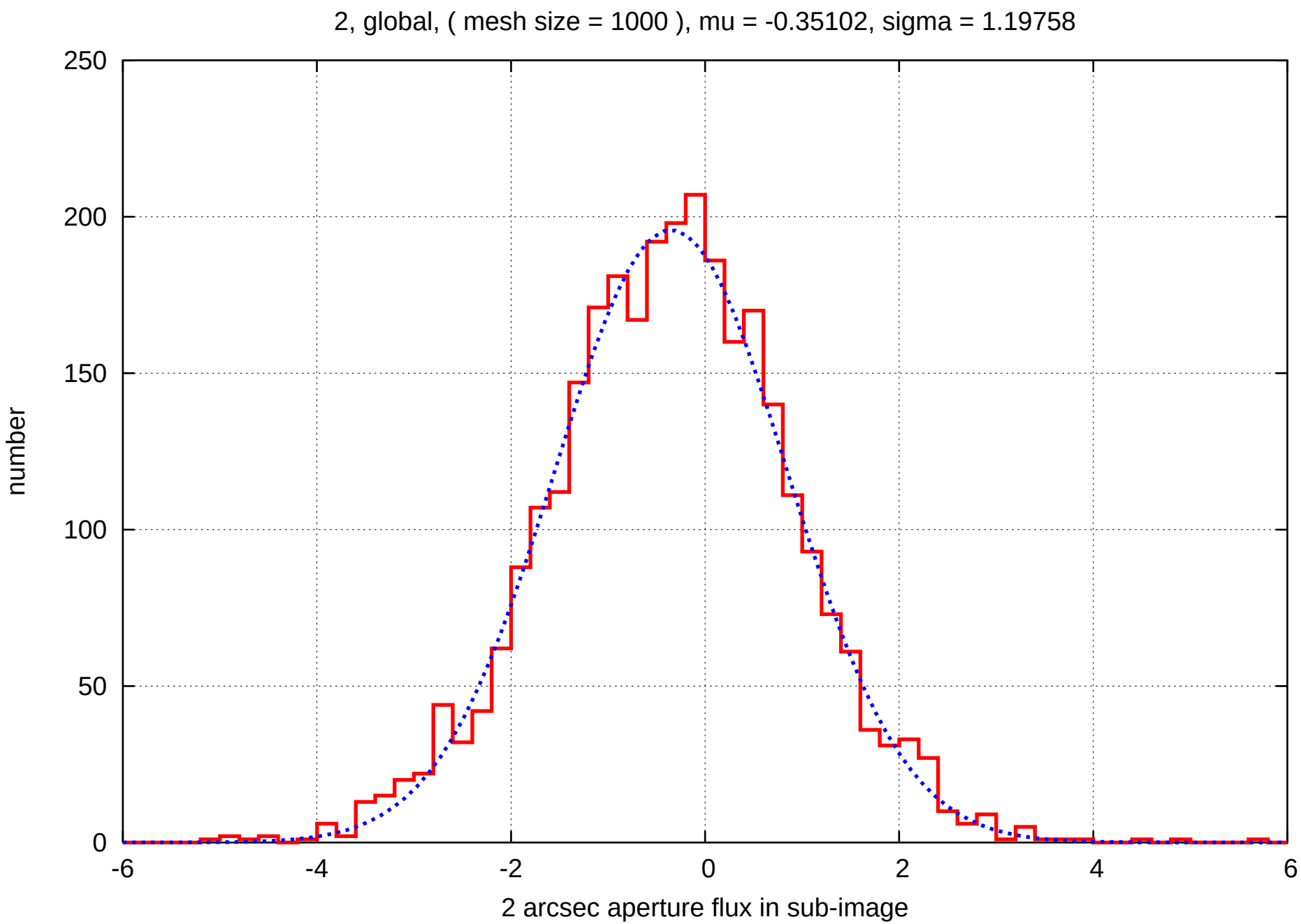

2, local ( ring area = 500 ), mu = -0.06739, sigma = 1.38813
number
2 arcsec aperture flux in sub-image
120
100
80
60
40
20
0
-6
-4
-2
0
2
4
6

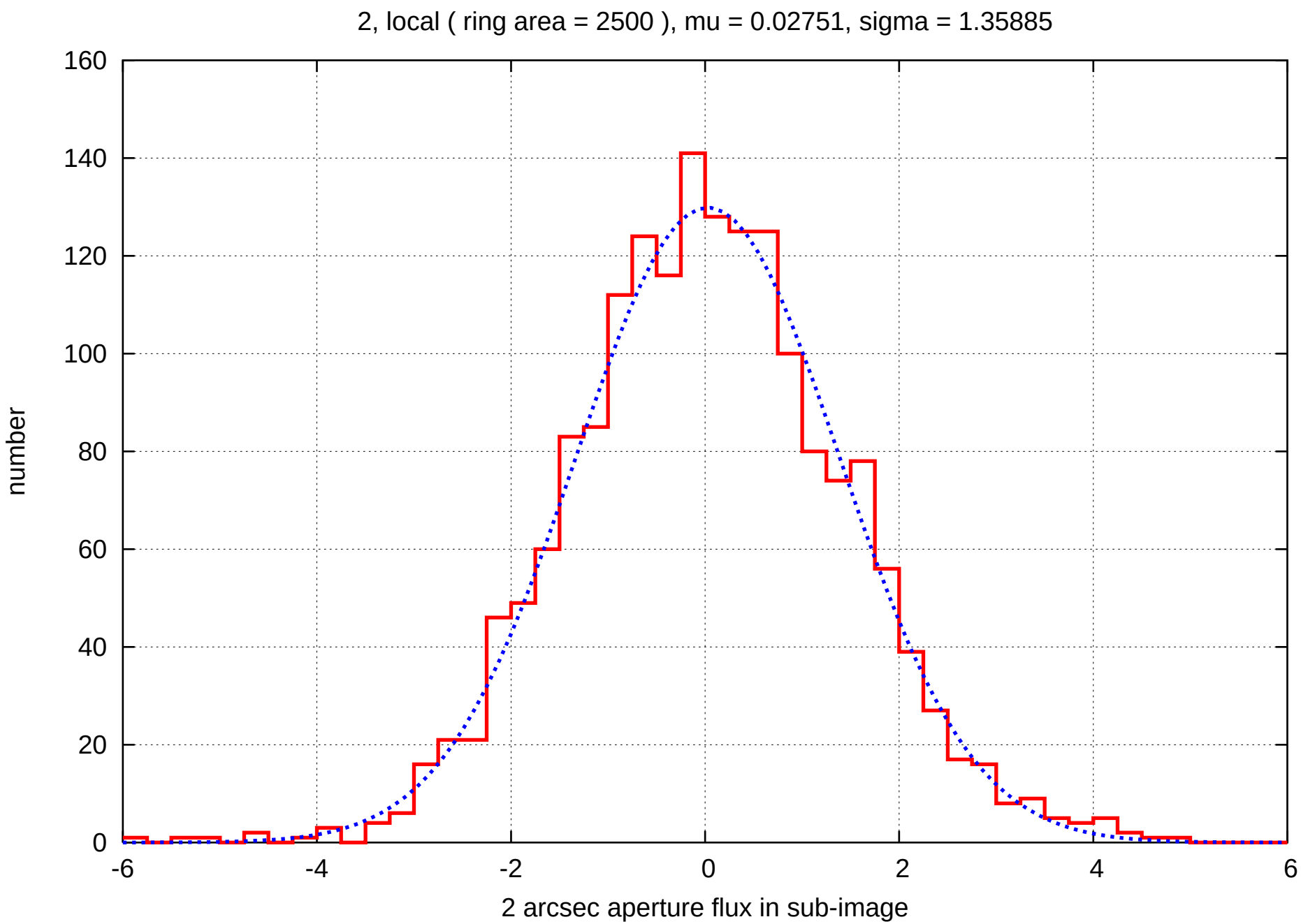

2, no, mu = -0.26941, sigma = 1.34132
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
-6
-4
-2
0
2
4
6

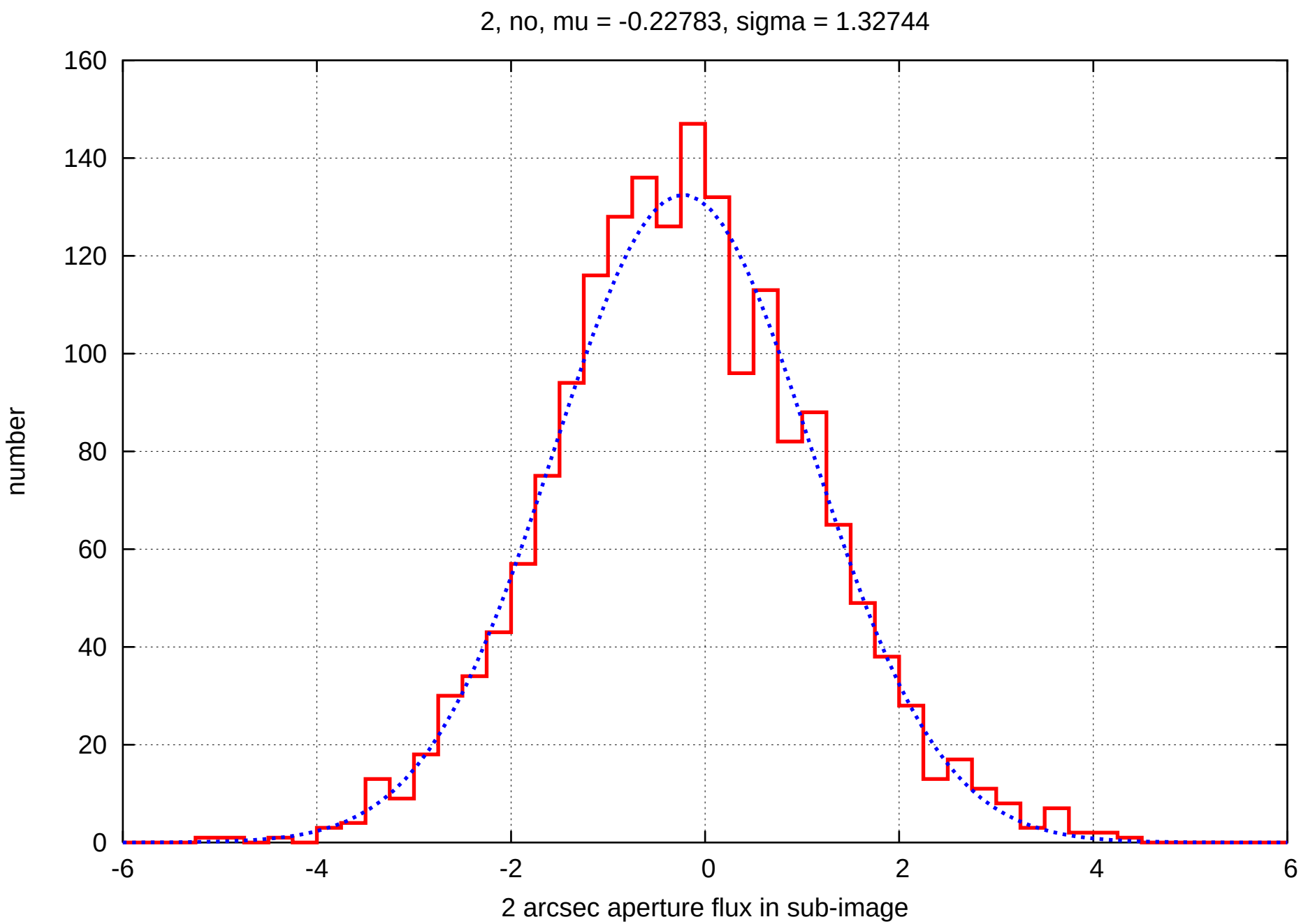

2, global, ( mesh size = 500 ), mu = -0.48962, sigma = 1.13075
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
-6
-4
-2
0
2
4
6

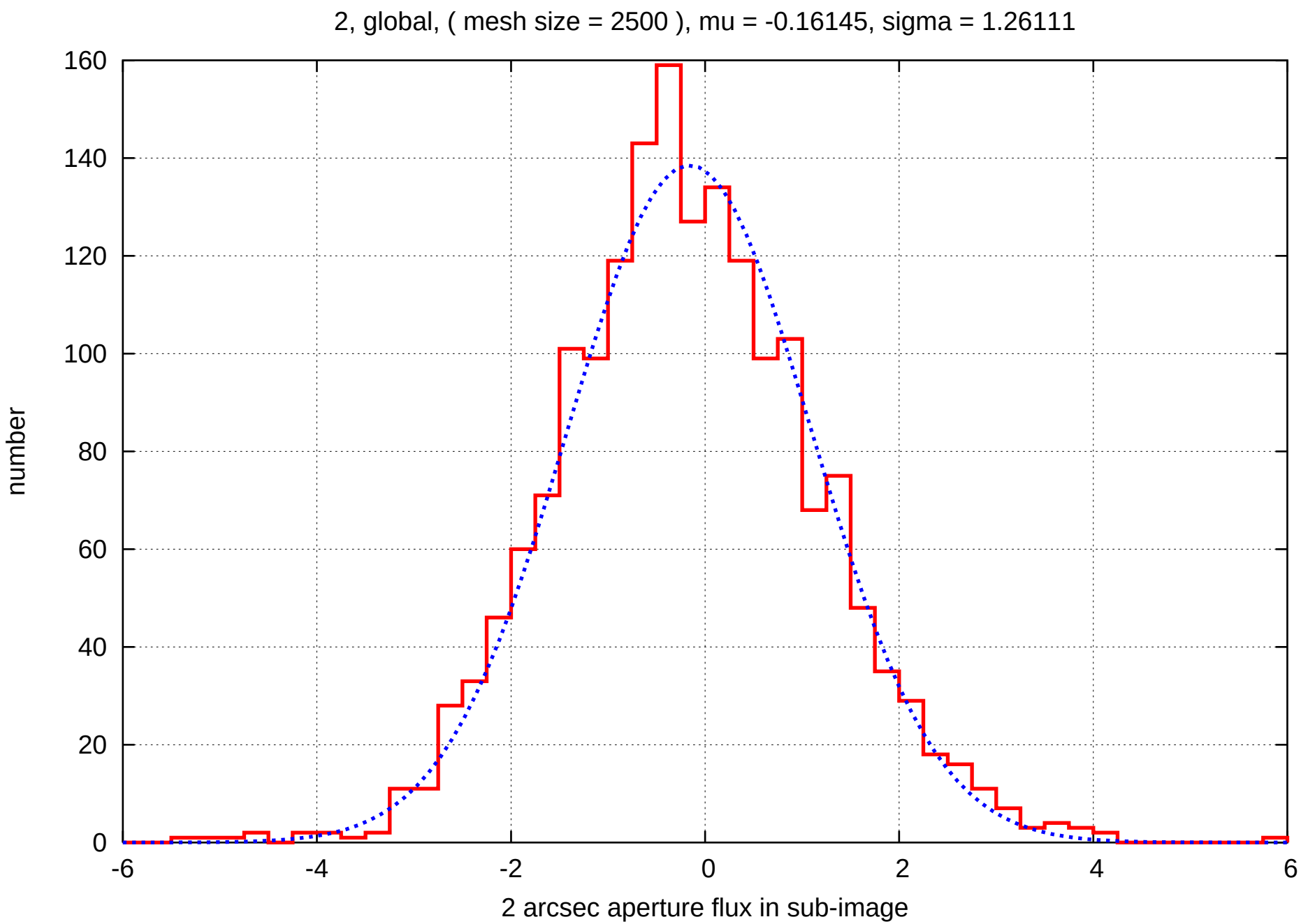

2, local ( ring area = 1000 ), mu = -0.03523, sigma = 1.36780
number
2 arcsec aperture flux in sub-image
200
180
160
140
120
100
80
60
40
20
0
-6
-4
-2
0
2
4
6

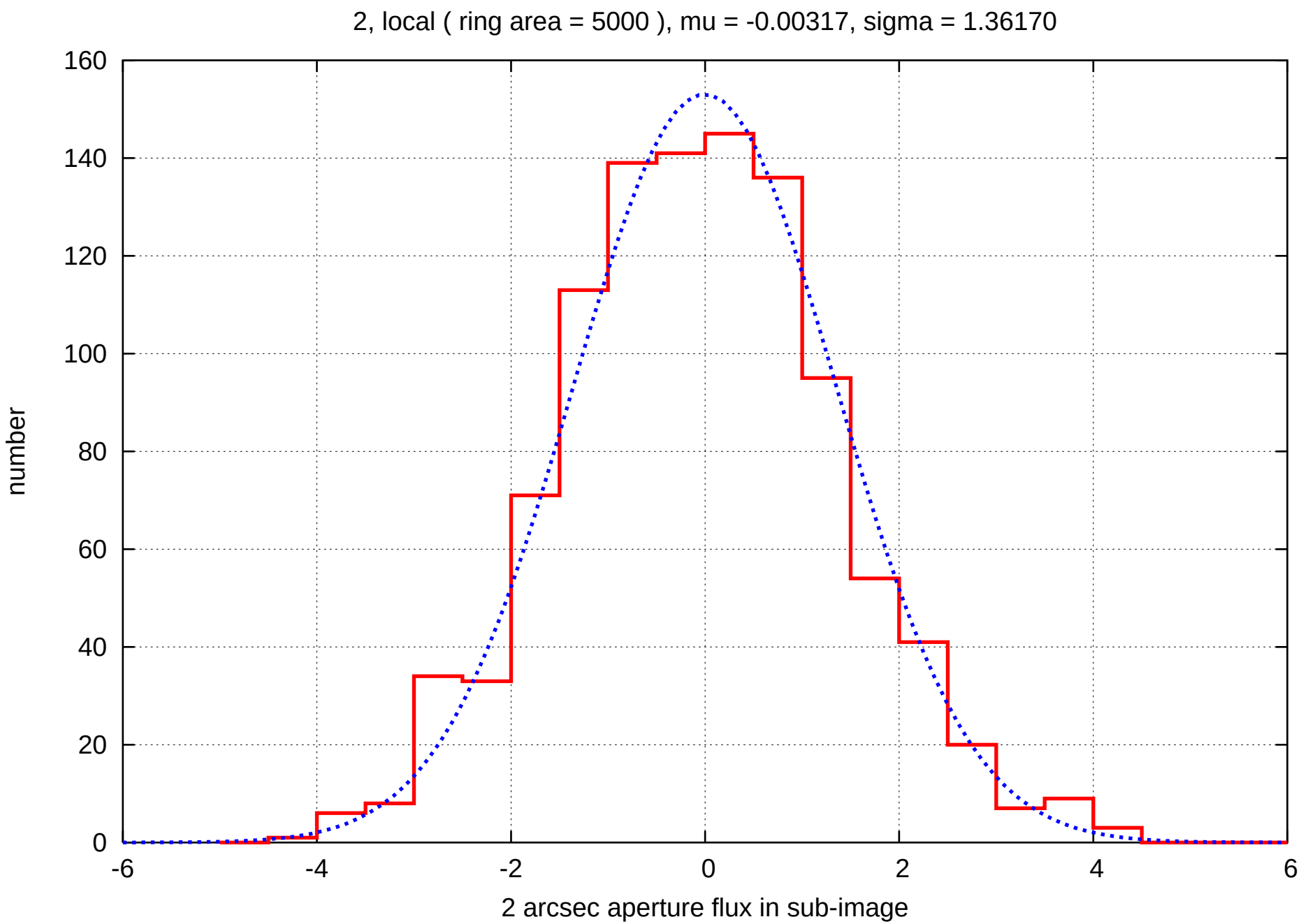

2, no, mu = -0.26882, sigma = 1.32756
number
2 arcsec aperture flux in sub-image
200
180
160
140
120
100
80
60
40
20
0
-6
-4
-2
0
2
4
6

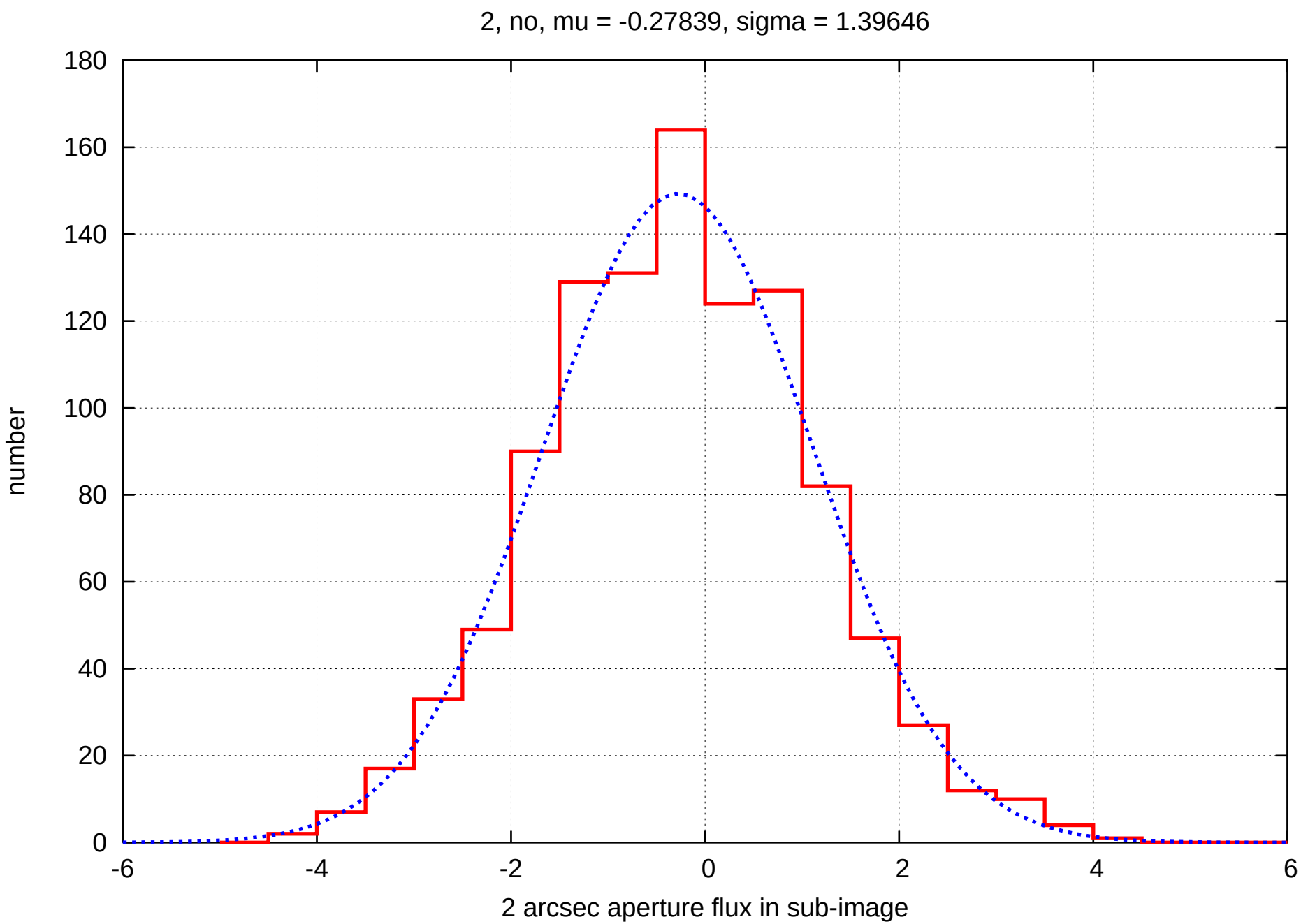

2, global, ( mesh size = 1000 ), mu = -0.35102, sigma = 1.19758
250
200
150
100
50
0
number
-6
-4
-2
0
2
4
6
2 arcsec aperture flux in sub-image

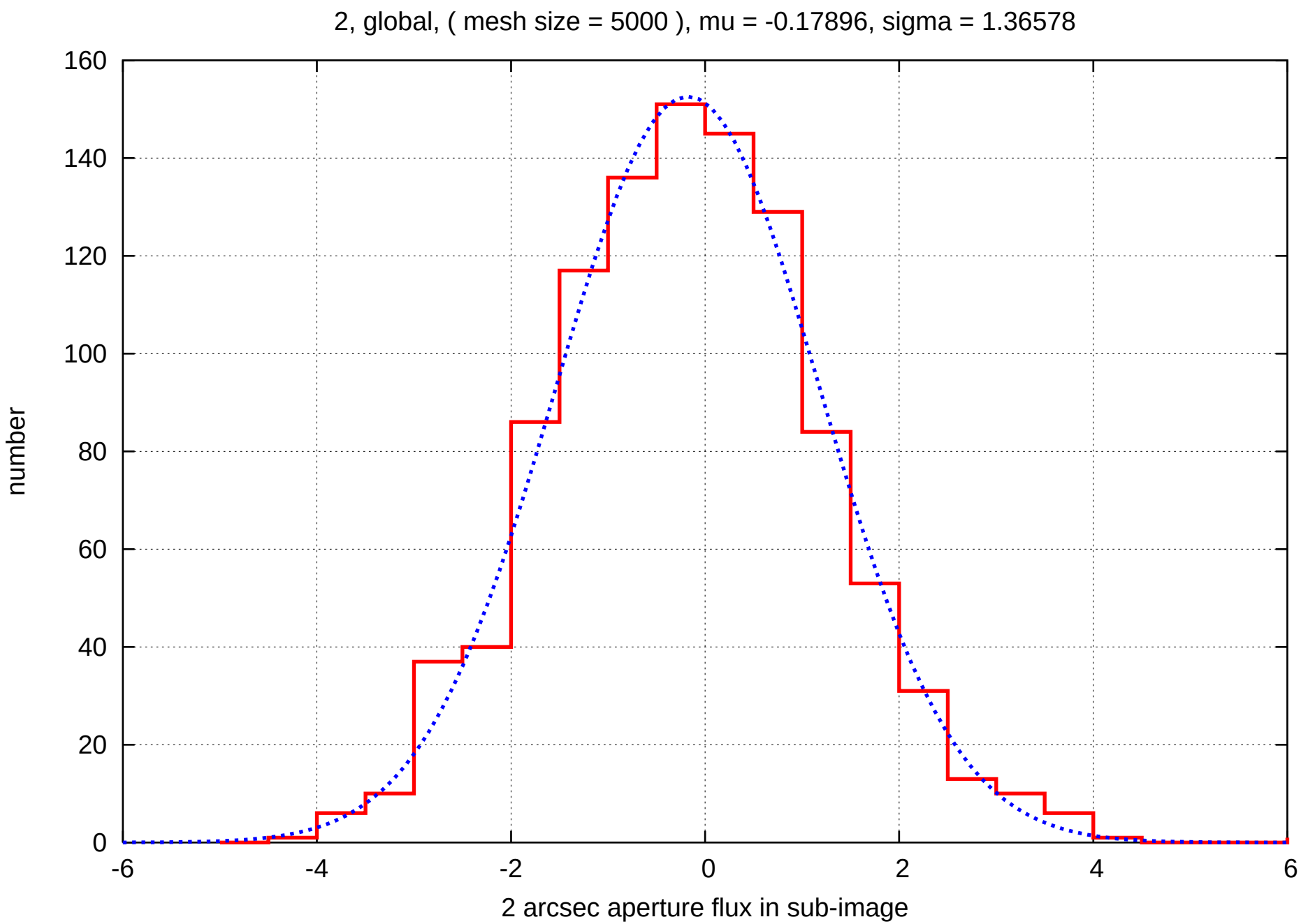

2, local ( ring area = 2500 ), mu = 0.02751, sigma = 1.35885
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
-6
-4
-2
0
2
4
6

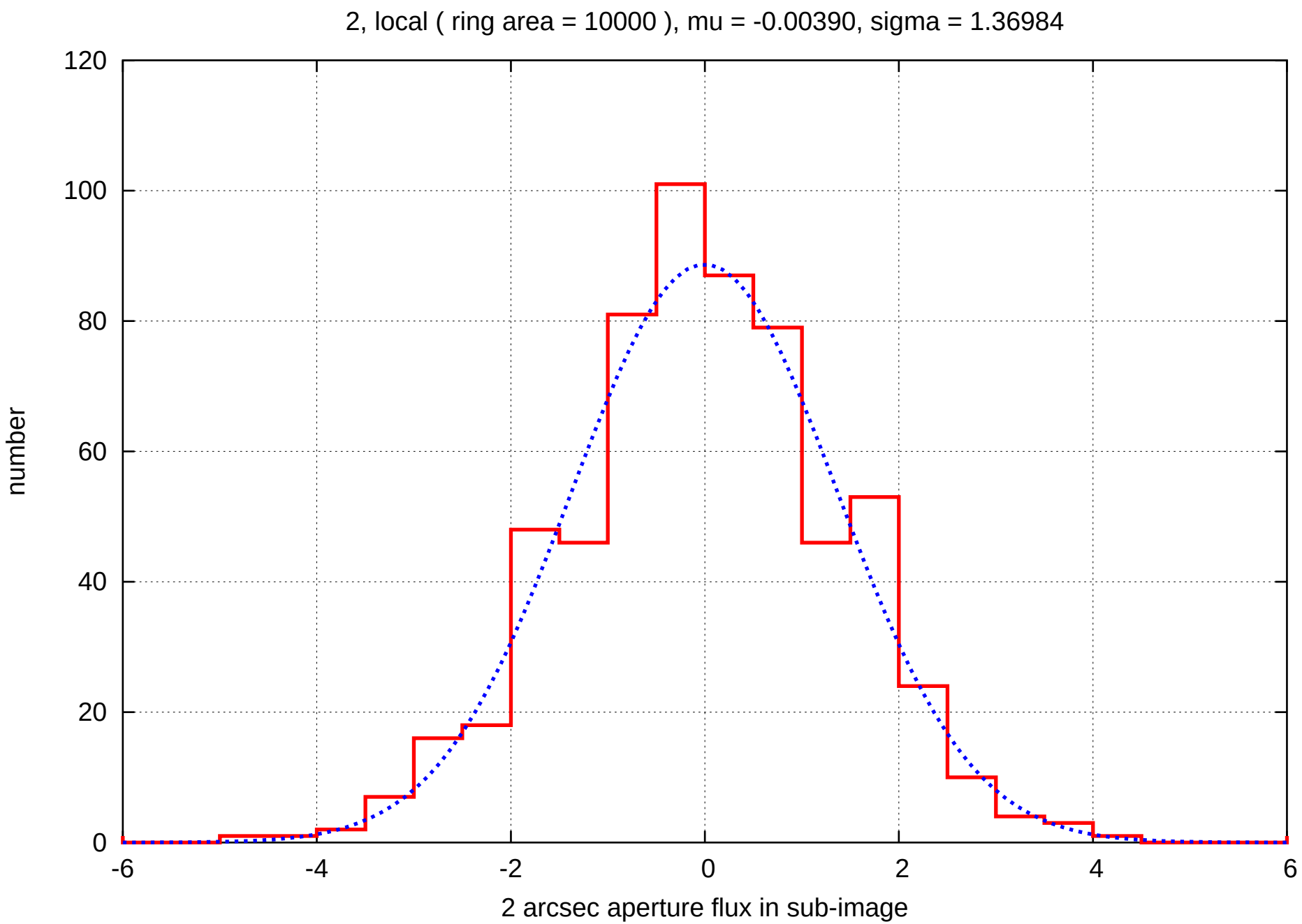

2, no, mu = -0.22783, sigma = 1.32744
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
-6
-4
-2
0
2
4
6

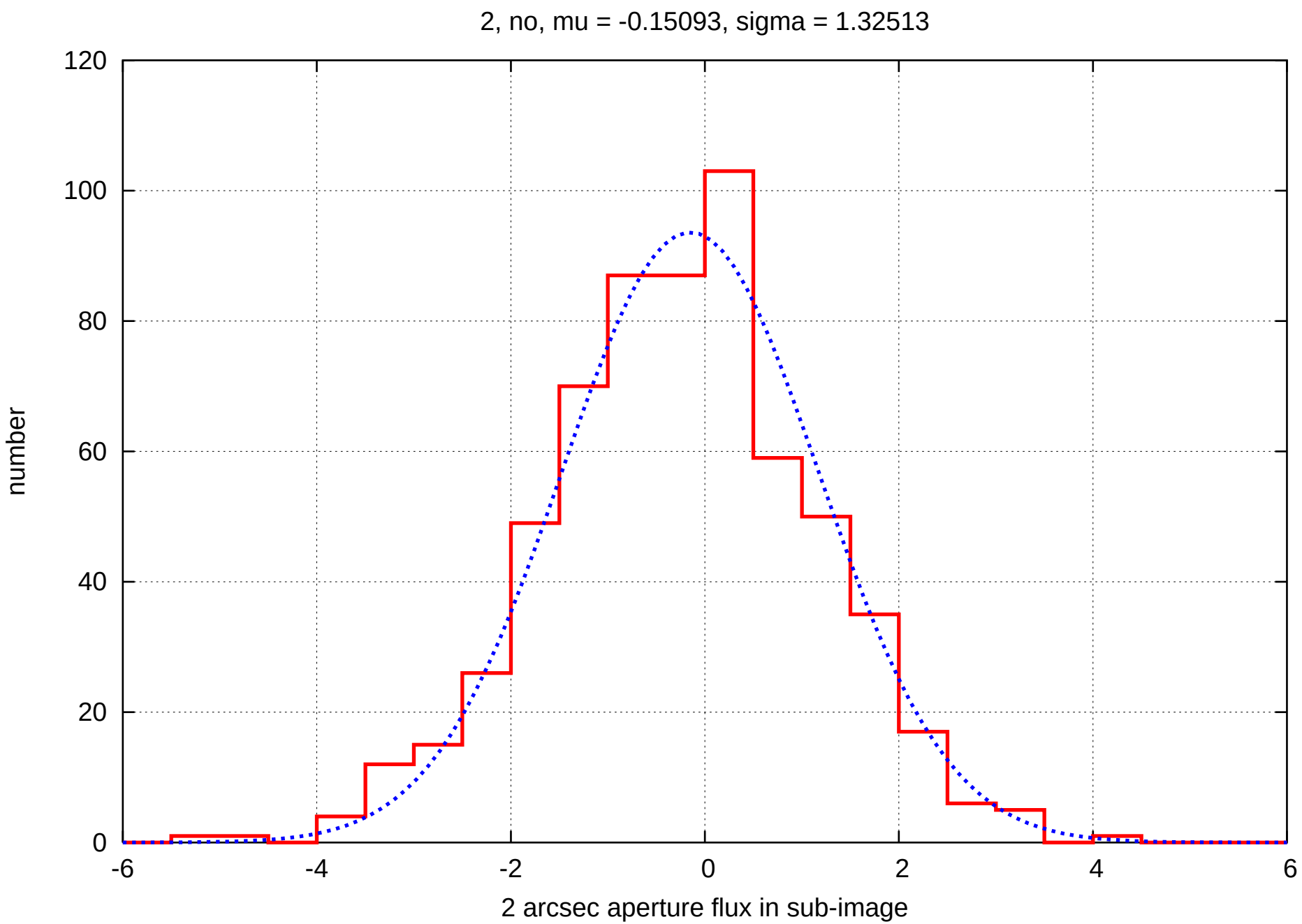

2, global, ( mesh size = 2500 ), mu = -0.16145, sigma = 1.26111
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
-6
-4
-2
0
2
4
6

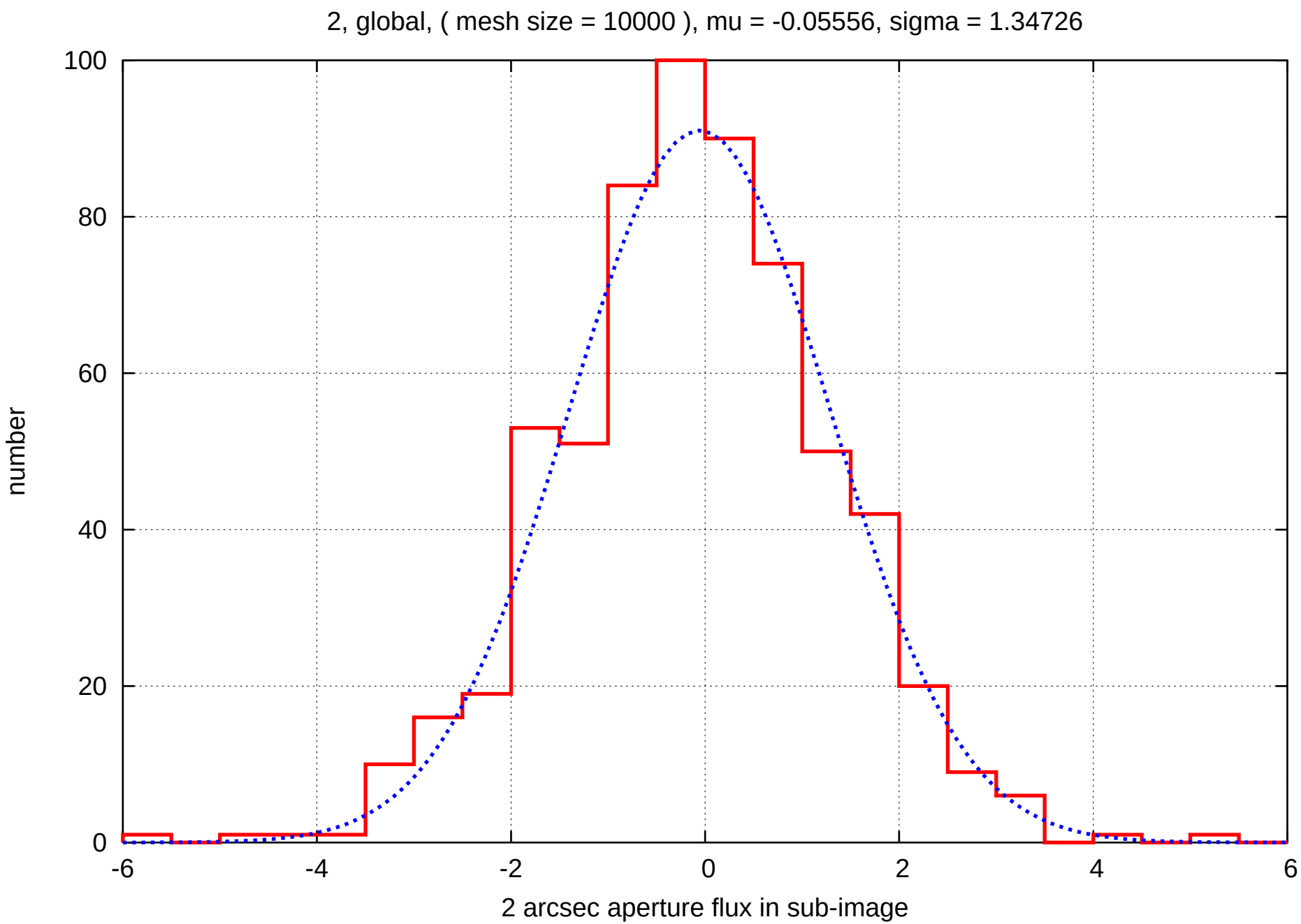

2, local ( ring area = 5000 ), mu = -0.00317, sigma = 1.36170
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
-6
-4
-2
0
2
4
6

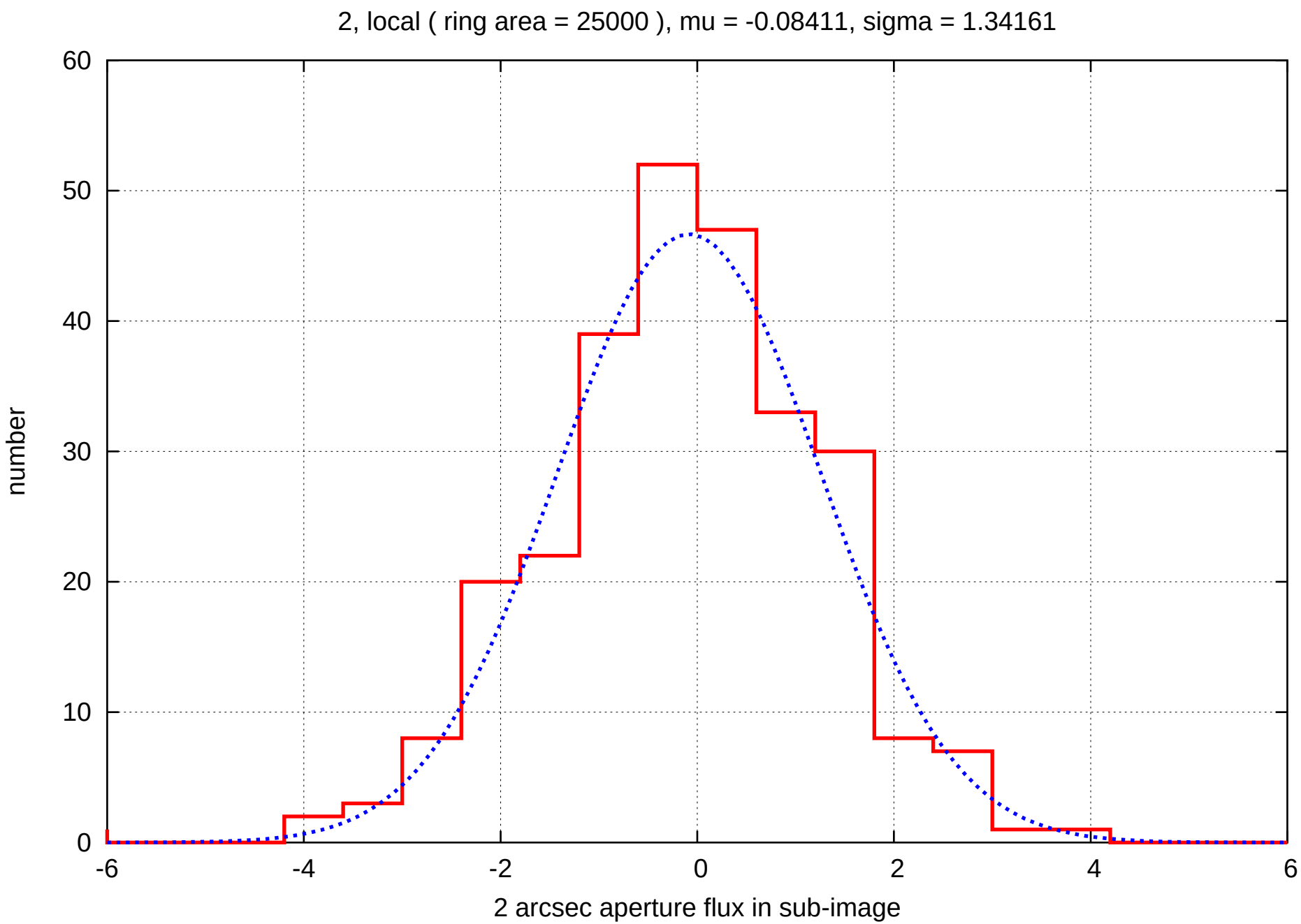

2, no, mu = -0.27839, sigma = 1.39646
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
180
-6
-4
-2
0
2
4
6

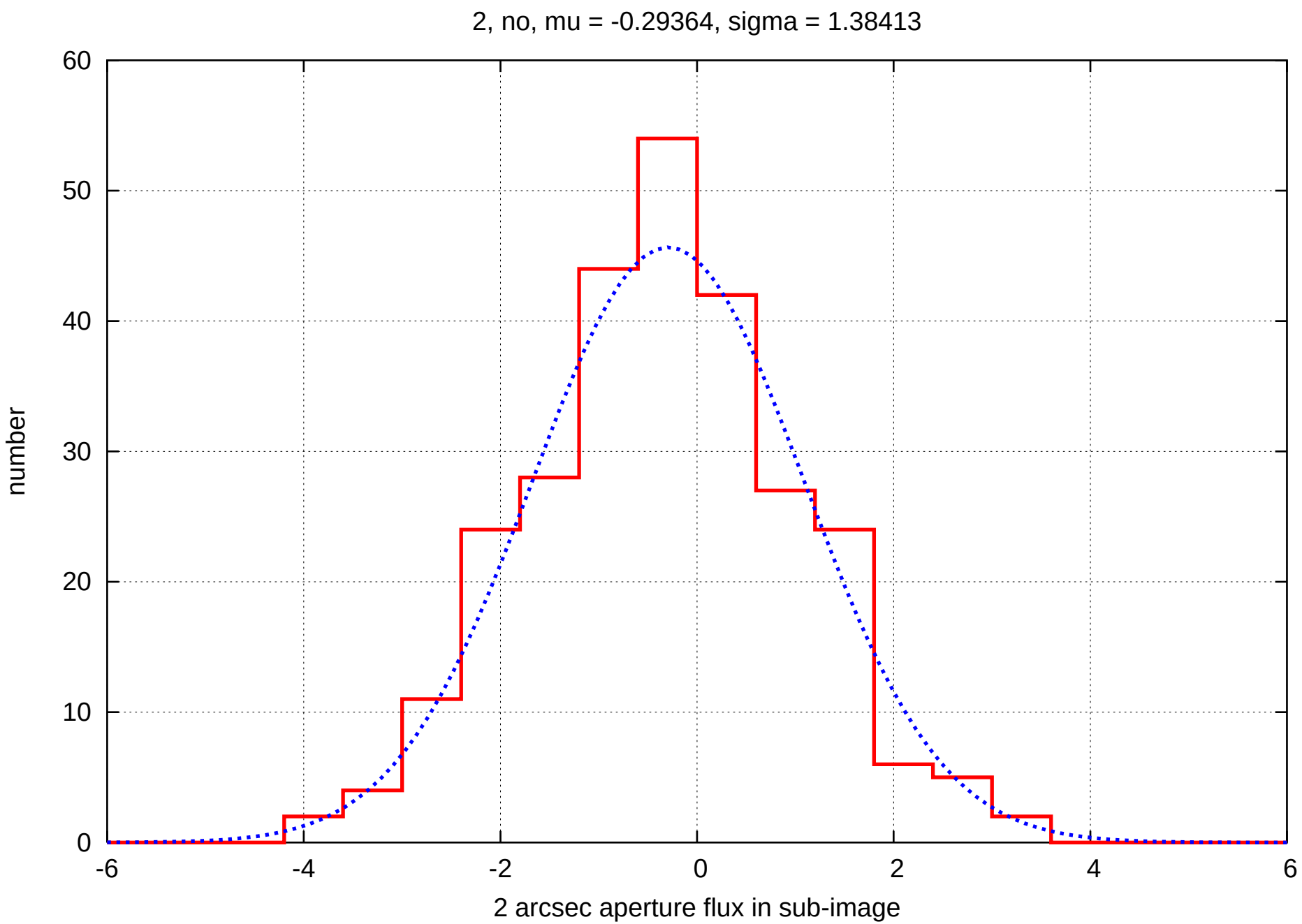

2, global, ( mesh size = 5000 ), mu = -0.17896, sigma = 1.36578
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
120
140
160
-6
-4
-2
0
2
4
6

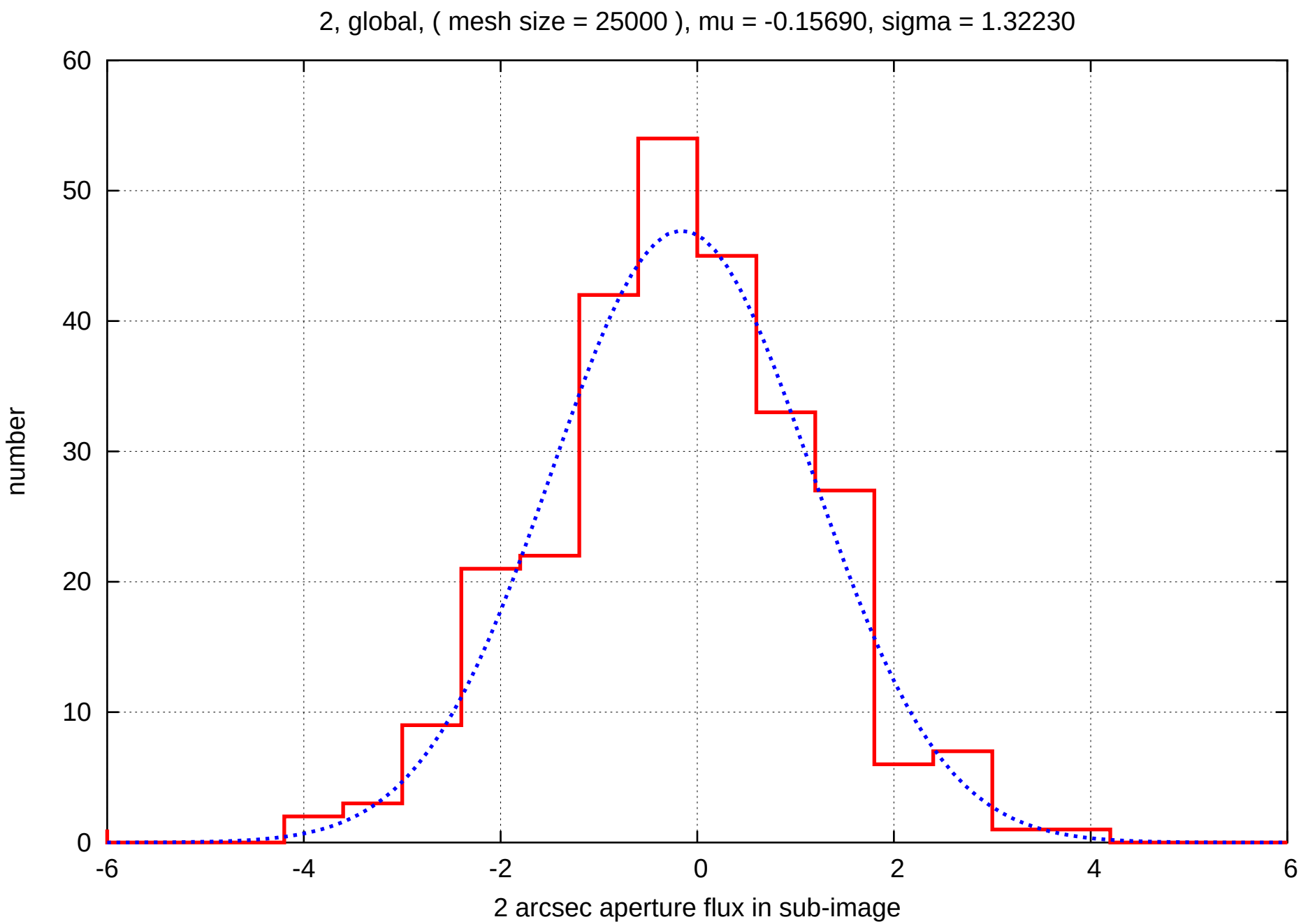

2, local ( ring area = 10000 ), mu = -0.00390, sigma = 1.36984
number
2 arcsec aperture flux in sub-image
120
100
80
60
40
20
0
-6
-4
-2
0
2
4
6

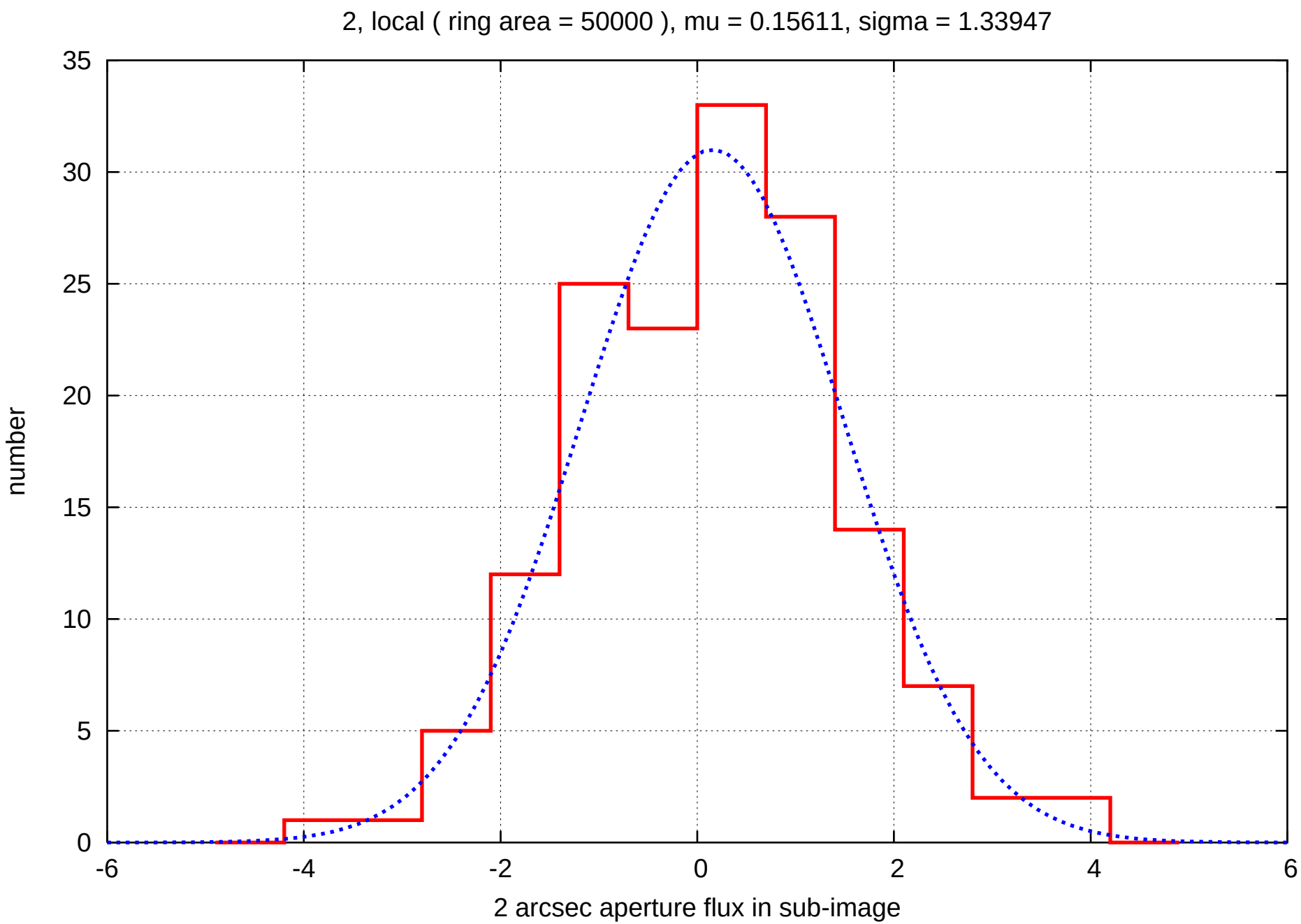

2, no, mu = -0.15093, sigma = 1.32513
number
2 arcsec aperture flux in sub-image
120
100
80
60
40
20
0
-6
-4
-2
0
2
4
6

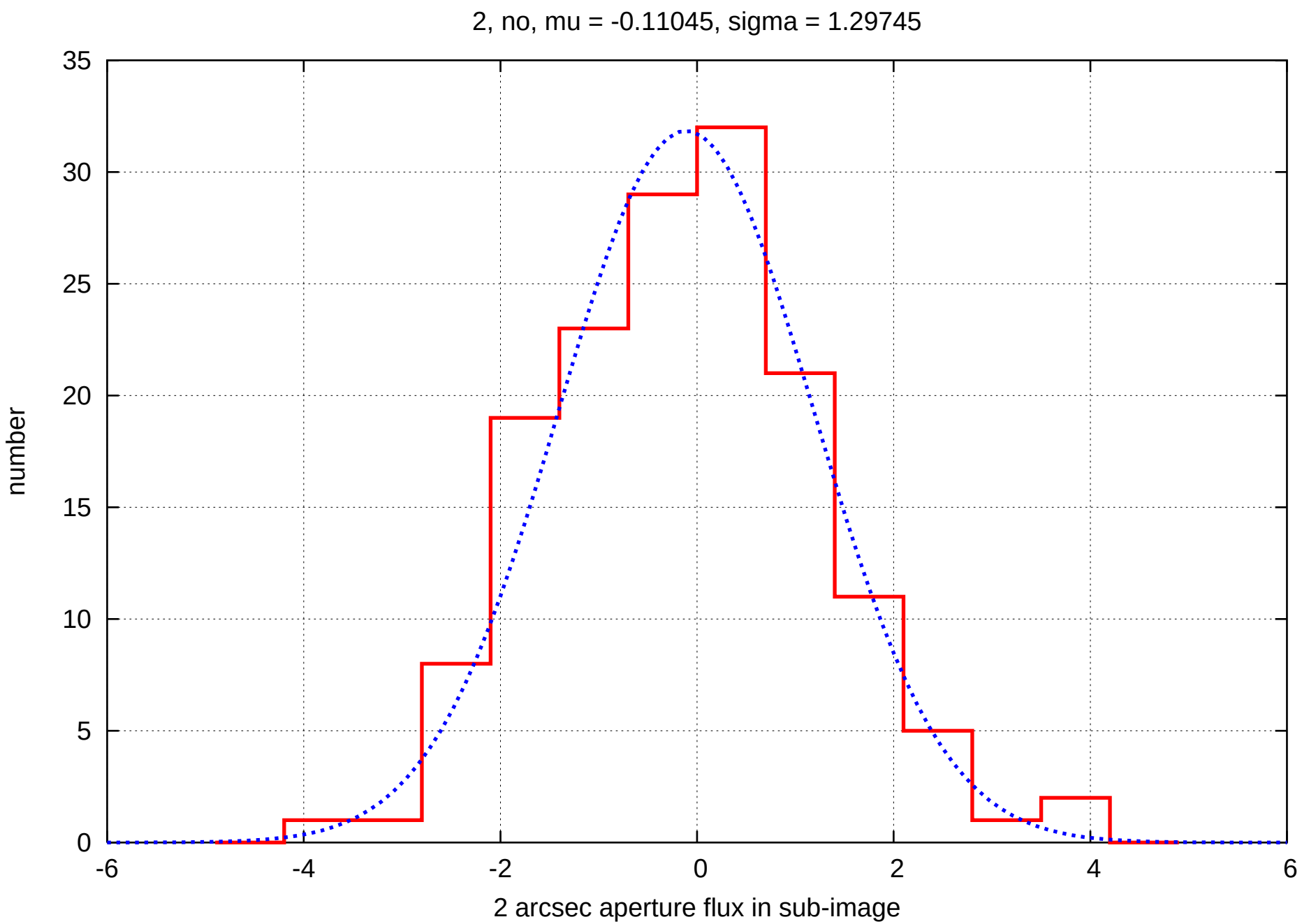

2, global, ( mesh size = 10000 ), mu = -0.05556, sigma = 1.34726
number
2 arcsec aperture flux in sub-image
0
20
40
60
80
100
-6
-4
-2
0
2
4
6

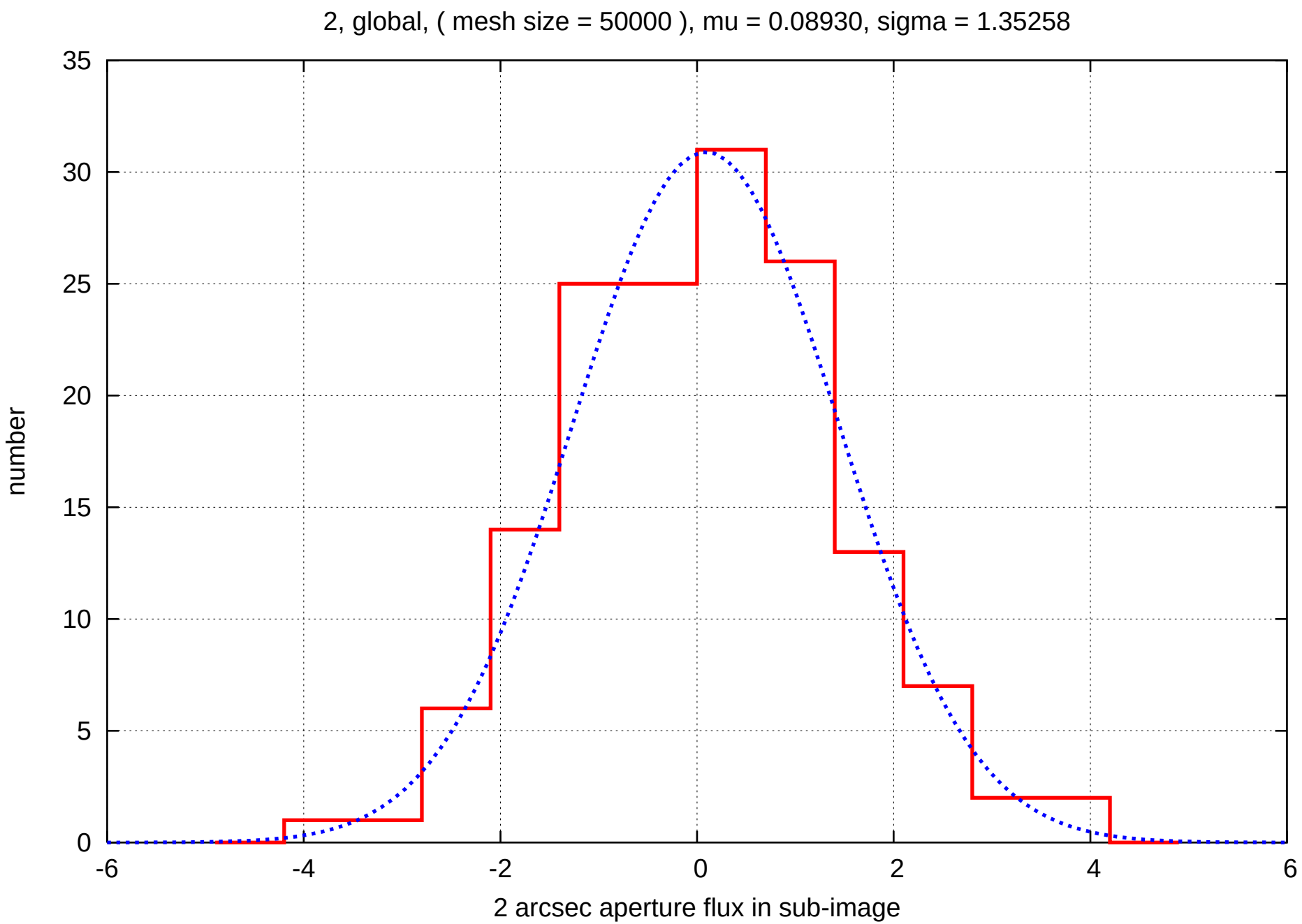

2, local ( ring area = 25000 ), mu = -0.08411, sigma = 1.34161
number
2 arcsec aperture flux in sub-image
0
10
20
30
40
50
60
-6
-4
-2
0
2
4
6

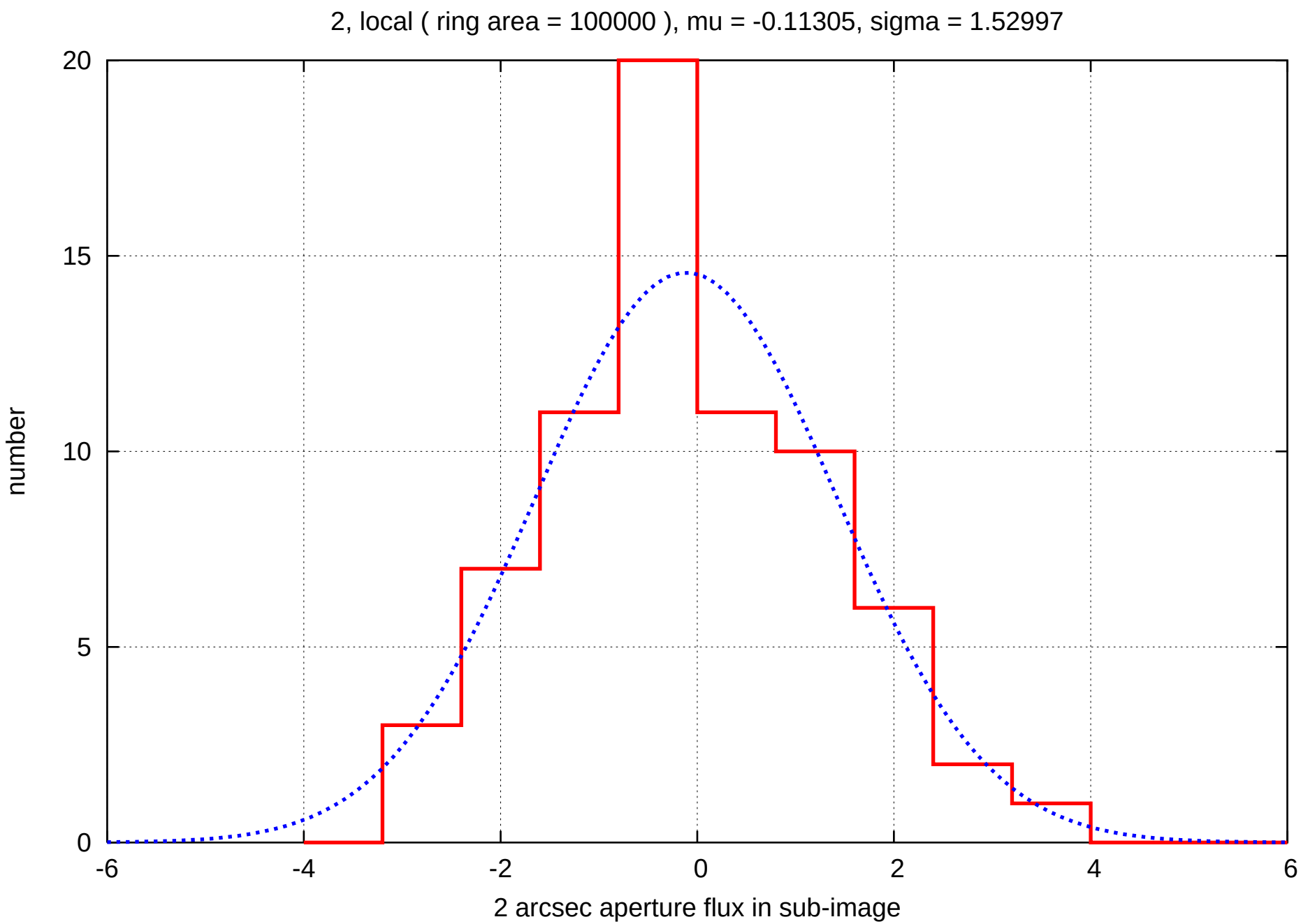

2, no, mu = -0.29364, sigma = 1.38413
number
2 arcsec aperture flux in sub-image
0
10
20
30
40
50
60
-6
-4
-2
0
2
4
6

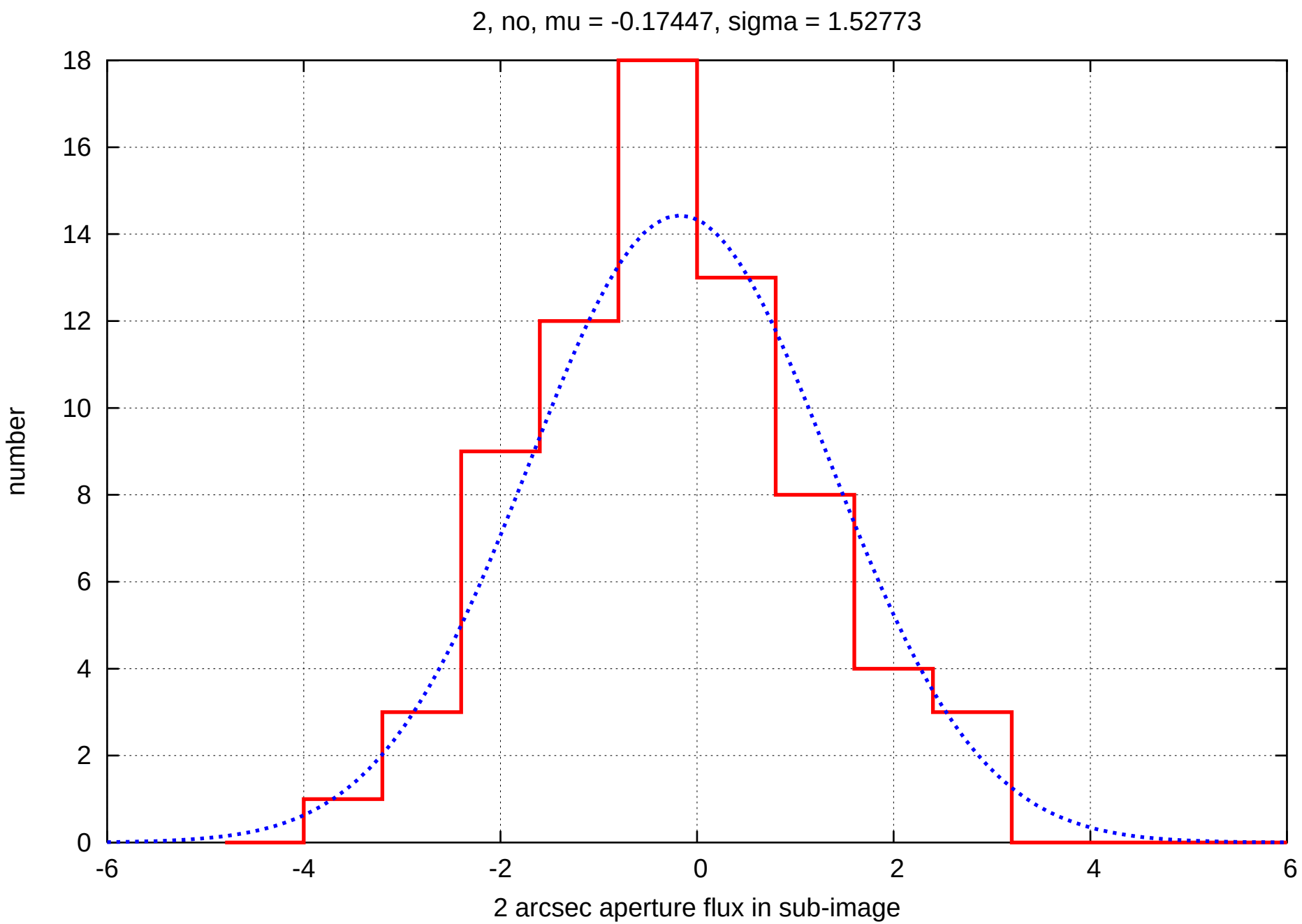

2, global, ( mesh size = 25000 ), mu = -0.15690, sigma = 1.32230
number
2 arcsec aperture flux in sub-image
0
10
20
30
40
50
60
-6
-4
-2
0
2
4
6

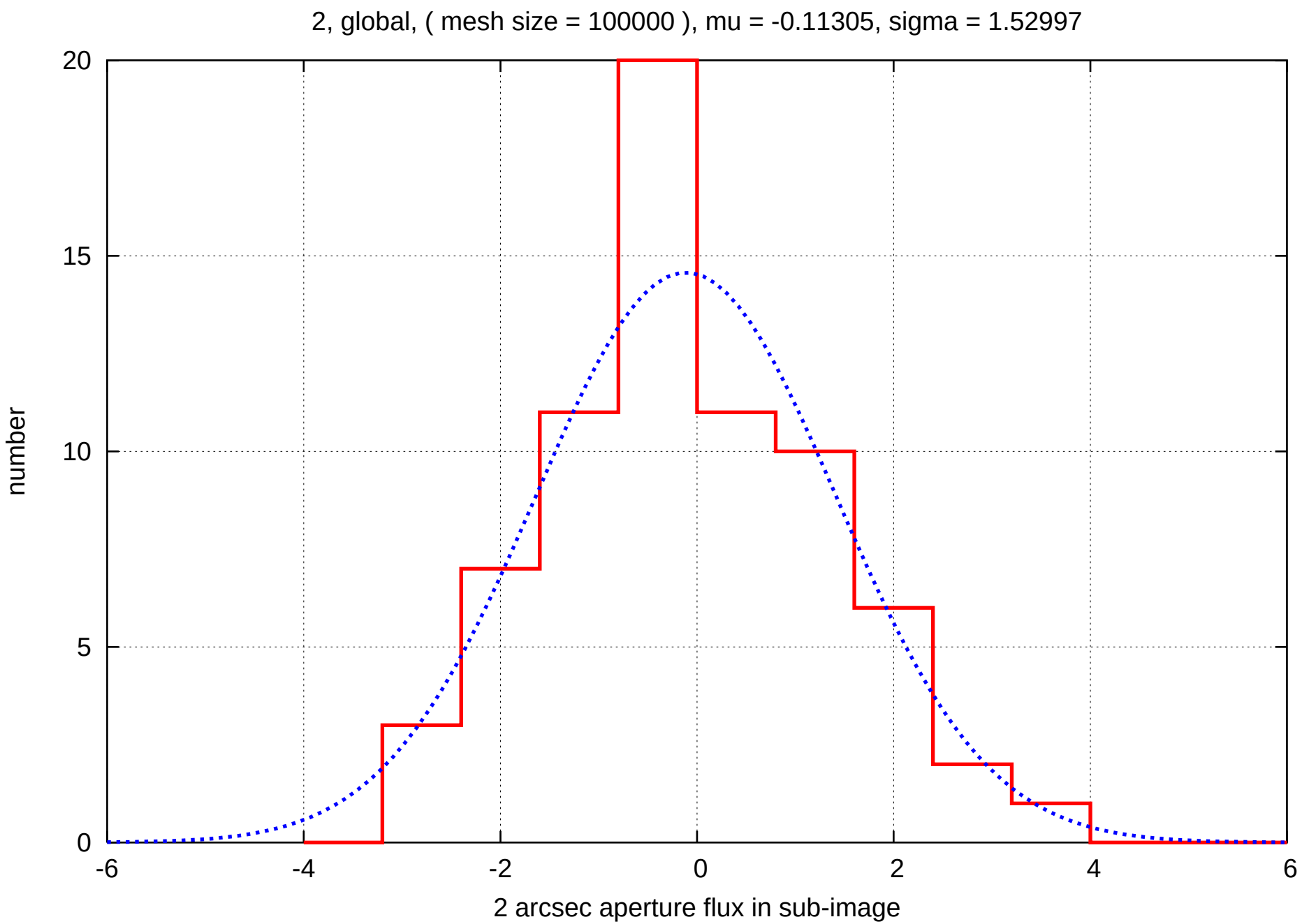

2, local ( ring area = 50000 ), mu = 0.15611, sigma = 1.33947
number
2 arcsec aperture flux in sub-image
0
5
10
15
20
25
30
35
-6
-4
-2
0
2
4
6


2, no, mu = -0.11045, sigma = 1.29745
number
2 arcsec aperture flux in sub-image
0
5
10
15
20
25
30
35
-6
-4
-2
0
2
4
6


2, global, ( mesh size = 50000 ), mu = 0.08930, sigma = 1.35258
number
2 arcsec aperture flux in sub-image
35
30
25
20
15
10
5
0
-6
-4
-2
0
2
4
6


2, local ( ring area = 100000 ), mu = -0.11305, sigma = 1.52997
number
20
15
10
5
0
-6
-4
-2
0
2
4
6
2 arcsec aperture flux in sub-image


2, no, mu = -0.17447, sigma = 1.52773
number
2 arcsec aperture flux in sub-image
0
2
4
6
8
10
12
14
16
18
-6
-4
-2
0
2
4
6


2, global, ( mesh size = 100000 ), mu = -0.11305, sigma = 1.52997
number
20
15
10
5
0
-6
-4
-2
0
2
4
6
2 arcsec aperture flux in sub-image