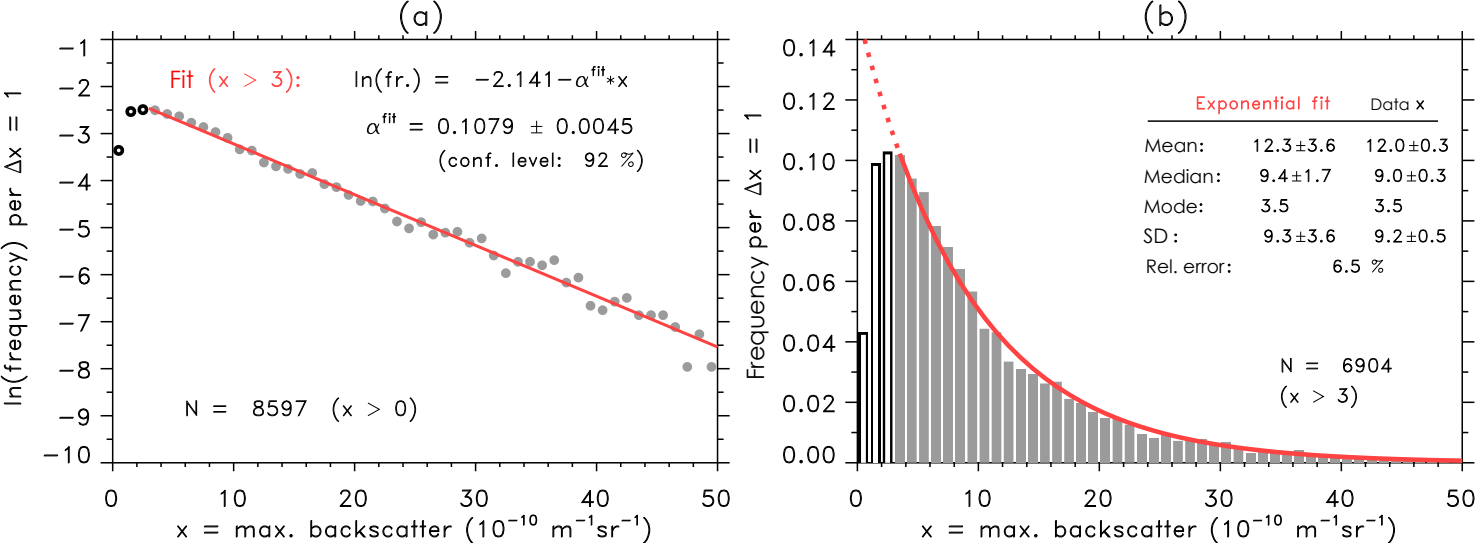
(a)
Fit (x > 3): ln(fr.) = −2.141−α^fit*x
α^fit = 0.1079 ± 0.0045
(conf. level: 92 %)
N = 8597 (x > 0)
ln(frequency) per Δx = 1
x = max. backscatter (10^−10 m^−1sr^−1)
(b)
Exponential fit
Data x
Mean: 12.3±3.6 12.0±0.3
Median: 9.4±1.7 9.0±0.3
Mode: 3.5 3.5
SD: 9.3±3.6 9.2±0.5
Rel. error: 6.5 %
N = 6904
(x > 3)
Frequency per Δx = 1
x = max. backscatter (10^−10 m^−1sr^−1)