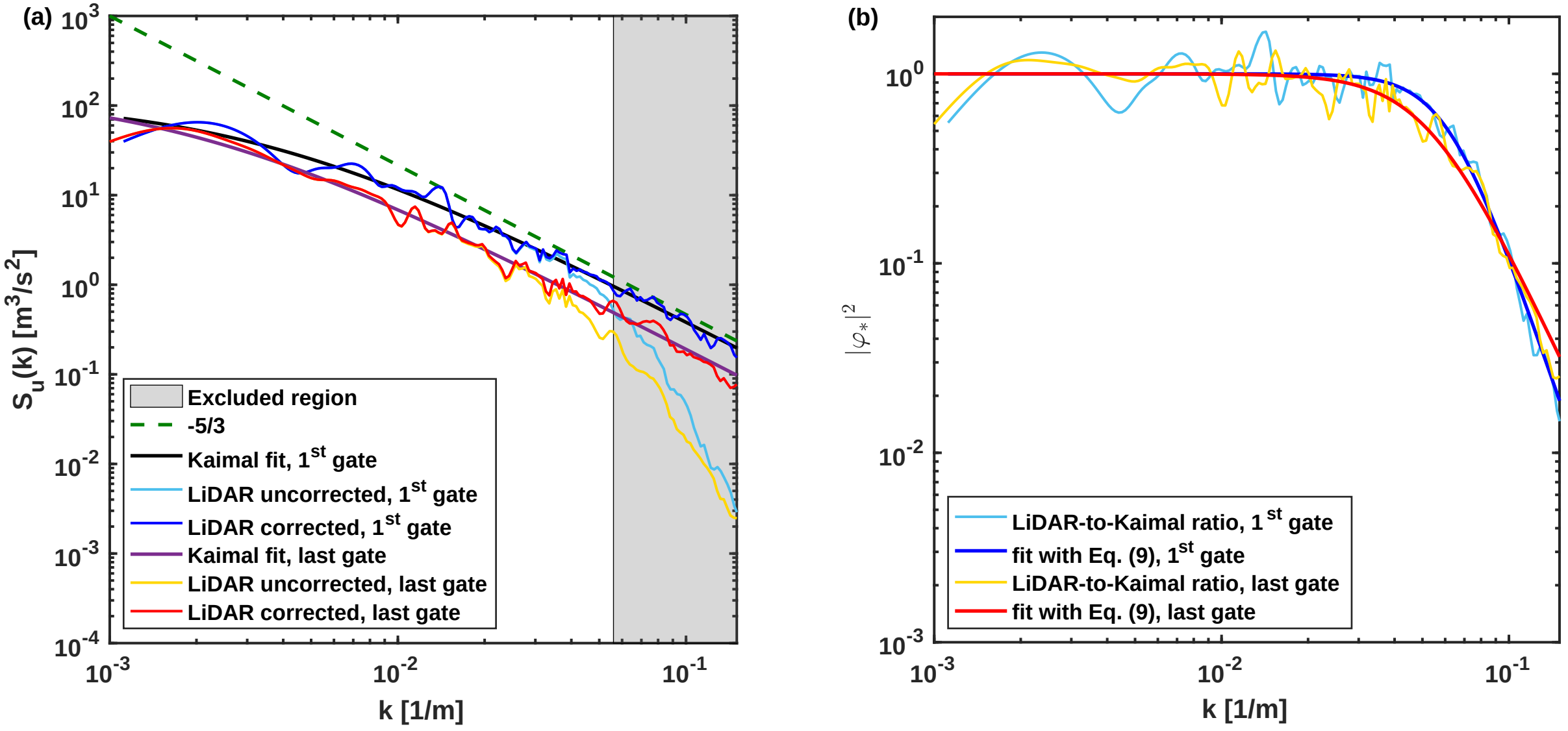
(a)
$S_u(k)$ [m^3/s^2]
k [1/m]
Excluded region
-5/3
Kaimal fit, 1st gate
LiDAR uncorrected, 1st gate
LiDAR corrected, 1st gate
Kaimal fit, last gate
LiDAR uncorrected, last gate
LiDAR corrected, last gate
(b)
$|\varphi_*|^2$
k [1/m]
LiDAR-to-Kaimal ratio, 1st gate
fit with Eq. (9), 1st gate
LiDAR-to-Kaimal ratio, last gate
fit with Eq. (9), last gate