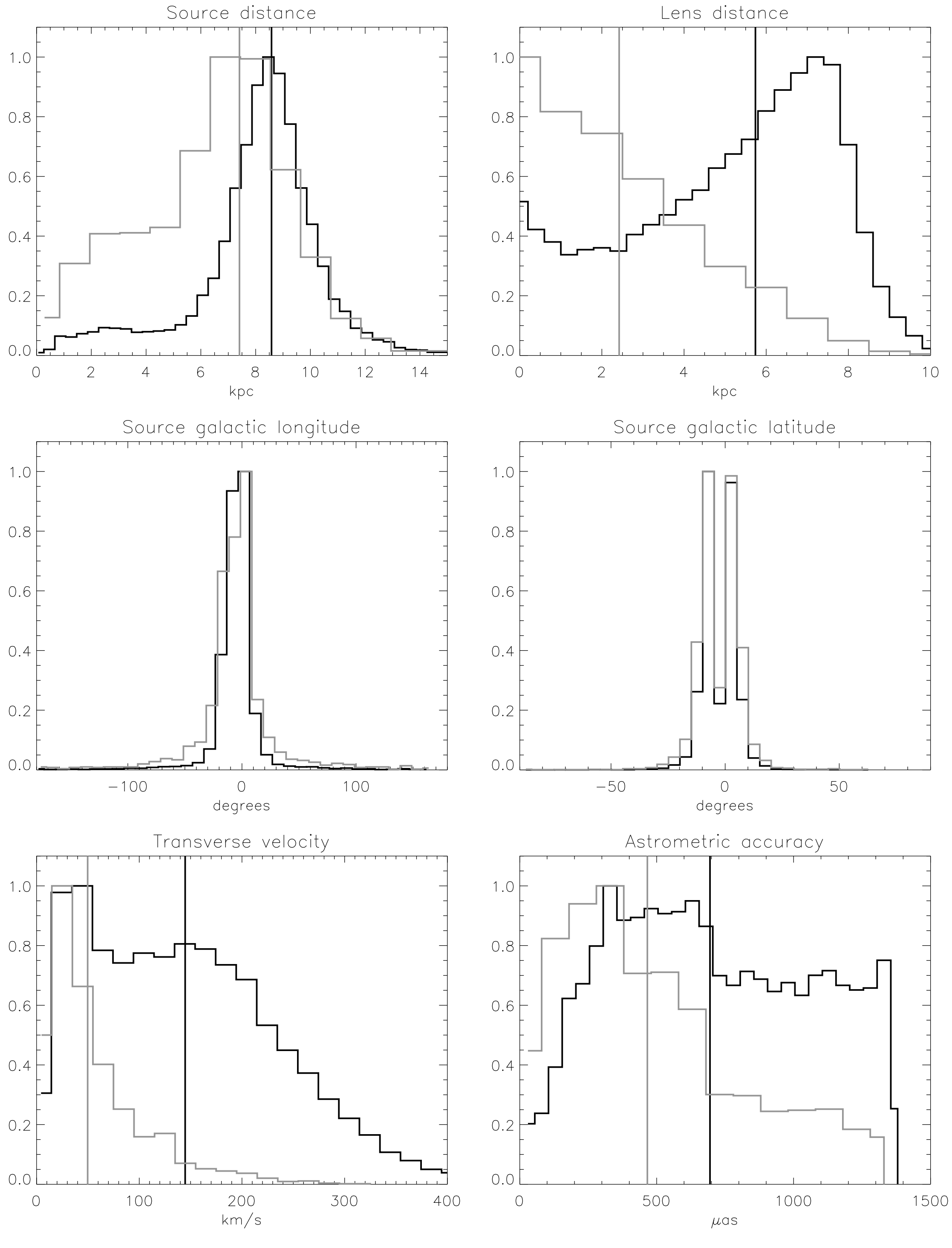

Figure 6.15: Distributions of source distance $D_{\rm s}$, lens distance $D_{\rm l}$, source coordinates (ℓ, b), transverse velocity v and astrometric accuracy $\sigma_{\rm a}$ for the simulated datasets. The histogram in black lines refers to the whole sample, grey lines to the sub-sample of high quality events. The distributions are all normalized to a maximum value of unity. The medians are indicated by vertical bars.

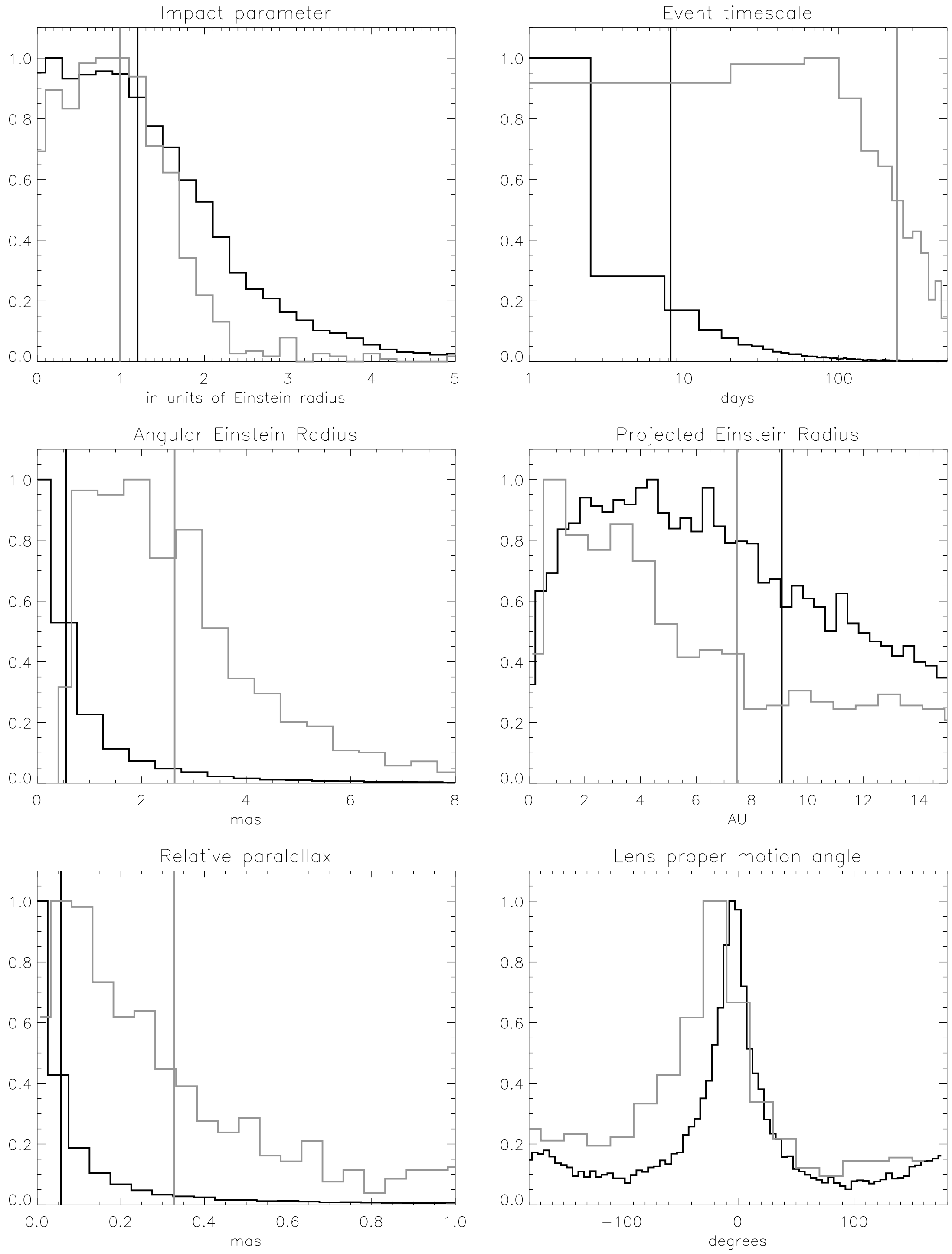

Figure 6.16: Distributions of impact parameter u_0, event duration $t_{\rm ae}$, angular Einstein radius $\theta_{\rm E}$, projected Einstein radius $\tilde{r}_{\rm E}$, relative parallax $\pi_{\rm rel}$ and lens proper motion angle ϕ for the simulated datasets. The histogram in black lines refers to the whole sample, grey lines to the sub-sample of high quality events. The distributions are all normalized to a maximum value of unity. The medians are indicated by vertical bars.