



Figure 6: Uncertainties in  $V$  estimation due to  $k$  errors: true  $k = 0.0024 \text{ cm}^2 \text{ s}^{-1}$  (a-d), underestimation of  $V$  with the DRM (a) and HRM (b) using constant  $k = 0.0021 \text{ cm}^2 \text{ s}^{-1}$  and overestimation with the DRM (c) and HRM (d) for constant  $k = 0.003 \text{ cm}^2 \text{ s}^{-1}$ . Errors in the corrected velocity using  $k$  estimated with the DRM are in (e). Note the underestimation at higher velocity with the HRM in (d) is a result of negative bias (see Fig. 1).