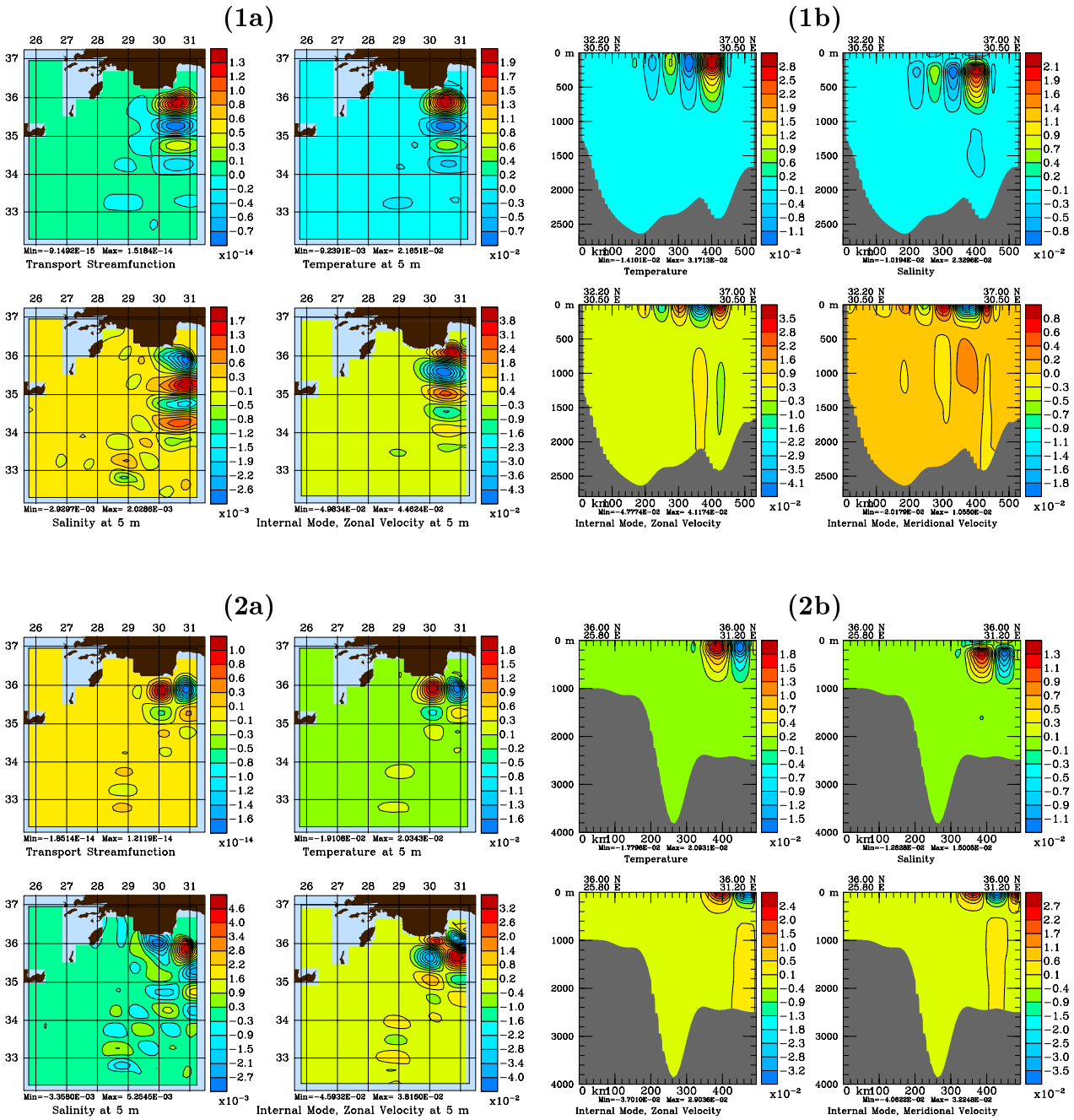

Fig. 25. First two multivariate eigenvectors of the normalized *a posteriori* mesoscale error covariance (columns of $\mathbf{E}^{a^*}$, App. A.3), as estimated by Case 2. The Panel number is the vector number, with index (a) for the surface (5 m) level, and (b) for a vertical cross-section along an axis of large amplitudes (30.50E for vector 1, 36N for vector 2). All variables are non-dimensional.