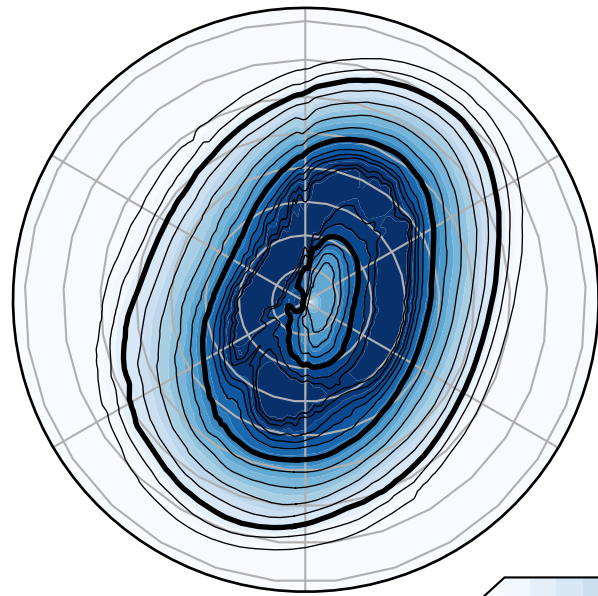
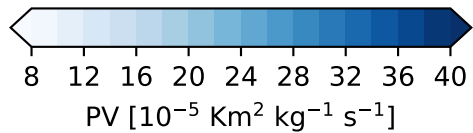
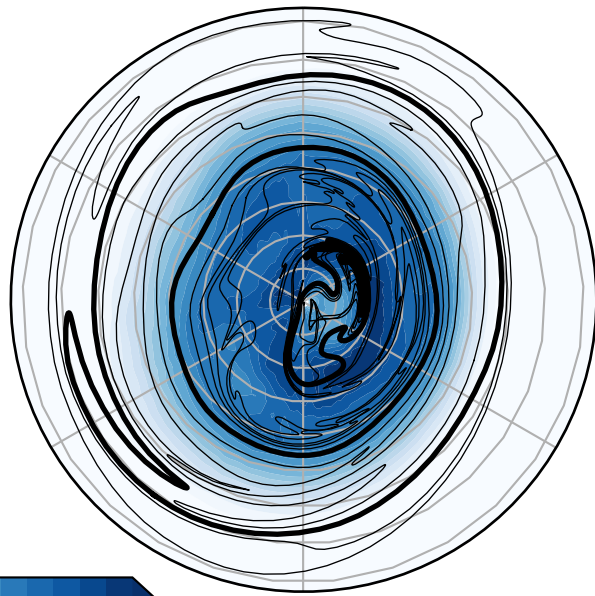


(a)  $t = 0$  sols,  $L_s = 240.4^\circ$



(b)  $t = 4$  sols,  $L_s = 243.0^\circ$



(c)

