



Fig. 4: a) X-Y space trajectories for $\mu = 0.01$ keV/nT, $K=0$; b) X-Y space trajectories for $\mu = 0.01$ keV/nT, $K=100$; c) $K=100$ Equatorial pitch angles α , contours every 2° ; and, d) $B_m(K)/\sqrt{\mu(B_m(K) - B_{eq})}$ for $\mu=0.01$ keV/nT, $K=100$.

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