



Fig. 13. Models of strike-slip deformation of Maxwell Montes, following creation of proto-Maxwell Montes. (a) In-place, strike-slip offset with no rotation of the CSDs. Domain e remains stationary while the other domains move relative to it. This requires NNW-SSE compression as indicated by the large arrows. (b) In-place, strike-slip offset with rotation of the CSDs. The point marked by the cross at 5°E/64°N is considered fixed, while the domains are offset. The domains and CSDs are then effectively rotated. (c) Lateral movement of Maxwell Montes within two converging shear zones. Overall rotation may or may not occur in addition to east-west motion, so the maximum possible offset, defined by the geometry of the shear zones, the reconstruction, and the assumption of no rotation is shown. A lateral transport of Maxwell Montes to the west over 1000 km is indicated by this geometry.