$ heta/$ $^{\circ}$	$\Delta heta/^\circ$
8213492000000000.0	$1.6808694466521494 \pm 0.03528585567829066$
740228291358024.6	$1.3171822691915511 {\pm} 0.0400919276617812$
687597380733944.9	$1.1059500226207155 \pm 0.03950488685061469$
549070435897435.9	$0.5742287928566299 \pm 0.041313583159141326$
518672072664359.9	$0.5161411843675587 \pm 0.048065019042455706$
8213492000000000.0	$1.6957619829763646 \pm 0.039411563080188526$