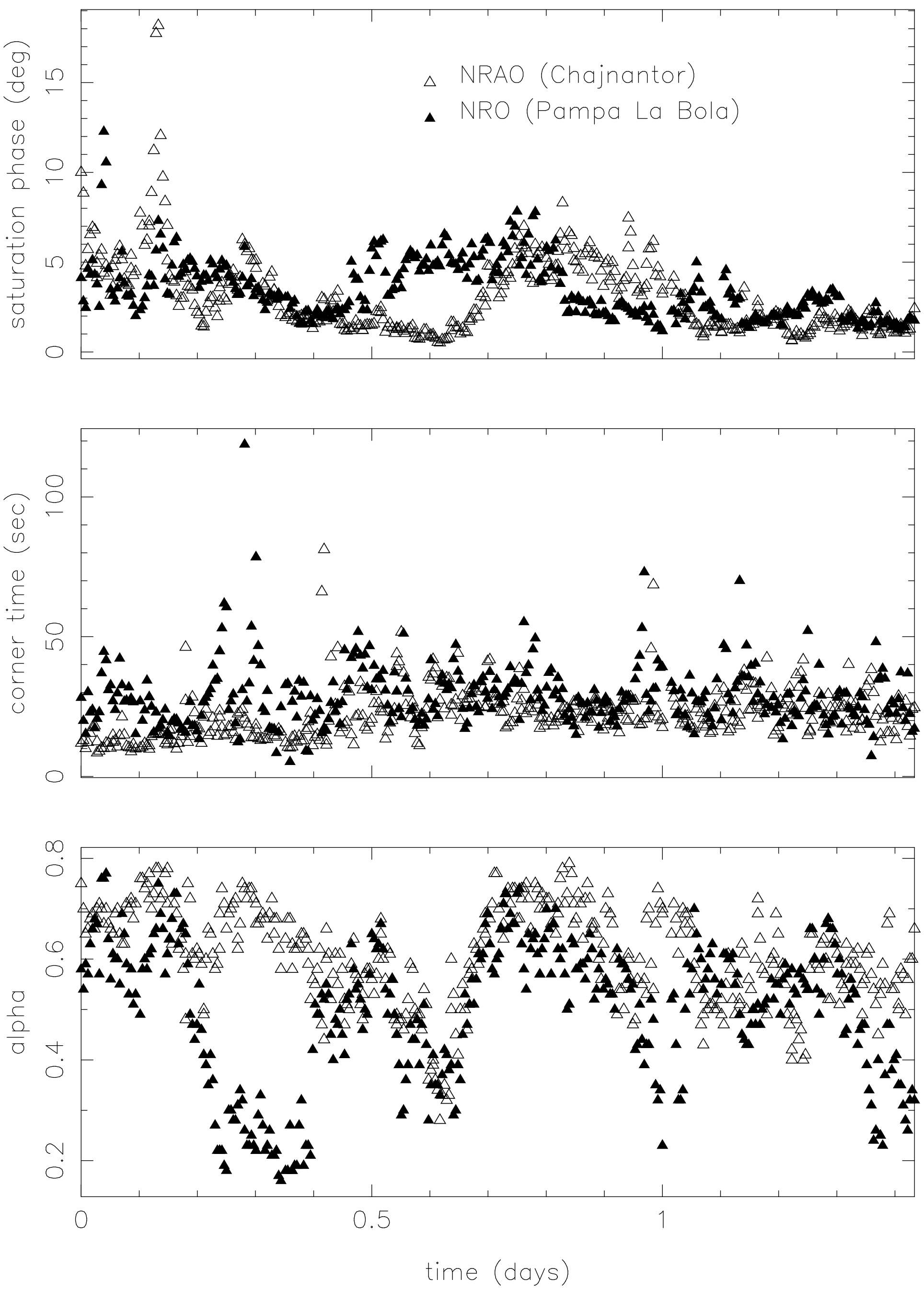
Chajnantor & Pampa La Bola STI comparison

Goal is to compare the phase stability of the Chajnantor and Pampa La Bola sites from the site testing interferometers.

A preliminary attempt at this was done in 1997 (MMA memo 176 - Holdaway, Matsushita, & Saito), but only used about 6 weeks of data.

This should be undertaken with the full sets of overlapping data (which are now more extensive).

An Example - data from 30Sep and 01Oct1997



median values:

$\alpha_{Chaj} = 0.61$; $\alpha_{Pamp} = 0.53$

$t_{Chaj} = 20.9$ s ; $t_{Pamp} = 27.2$ s

$\phi_{Chaj} = 2.32°$; $\phi_{Pamp} = 3.07°$