MATISSE OIFITS Quality Control Report

Filename	CALIB_RAW_INT_0001.fits
Observing date	2017-04-27T13:15:52.5696
Processing/report date	2017-06-26T14:05:36 2018-01-11T15:45:26
Product category, Chip name	CALIB_RAW_INT, HAWAII-2RG
DIL, PIL, POL, FIL, SFL, BCD1, BCD2	LOW, PHOTO, OPEN, OPEN, HOLE2, OUT, OUT
NDIT x DIT	506 x 0.02 s
Object name	Pichon star
Object RA, Dec, L, M	25.99 99.99 L = -7.0 M = -8.0
Telescope stations	GV1=T4=S4, GV2=T3=S3, GV3=T2=S2, GV4=T1=S1
Seeing Wind T0(V) T0(K)	not yet defined

Col 1 : Baseline
Col 2 : Average squared visibility per baseline (vis^2 ± std) ==> page 2
Col 3 : Average visibility amplitude per baseline (vis ± std) ==> page 3
Col 4 : Average diffential phase per baseline (visphi ± std), in degrees ==> page 5

Baseline	vis^2	vis	vis_phi
12	0.683 ± 0.014	+0.740 ± 0.000	-0.830 ± 2.730
13	0.630 ± 0.012	+0.192 ± 0.000	+6.583 ± 4.113
14	0.550 ± 0.012	+0.297 ± 0.000	+3.291 ± 2.539
23	0.558 ± 0.012	+0.301 ± 0.000	+2.777 ± 2.763
24	0.371 ± 0.011	-0.034 ± 0.000	+10.529 ± 4.374
34	0.244 ± 0.008	-0.028 ± 0.000	+3.727 ± 3.731

Average closure phase per triplet (t3phi ± std), in degrees ==> page 4

Triplet	[2 3 4]	[1 2 3]	[1 2 4]	[1 3 4]
Phi(deg)	+2.566 ± 1.106	+0.732 ± 0.903	-0.662 ± 1.068	+1.042 ± 0.997

Average photometric flux (1.0e+05 photo-e-/s/sp.channel ± std) ==> page 6

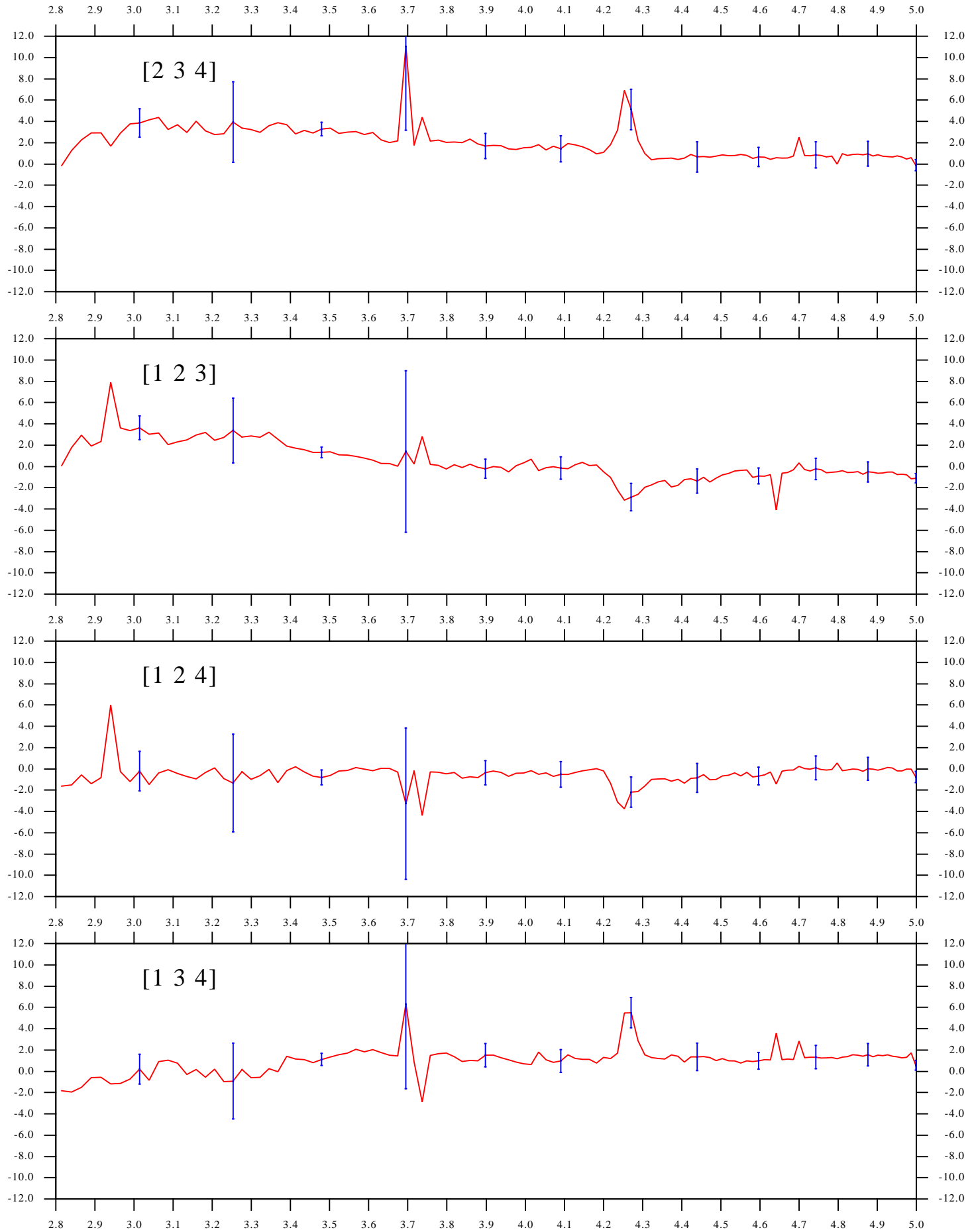| Telescope	Tel_1	Tel_2	Tel_3	Tel_4
Flux	2.180 ± 0.002	1.419 ± 0.002	1.587 ± 0.003	1.723 ± 0.003

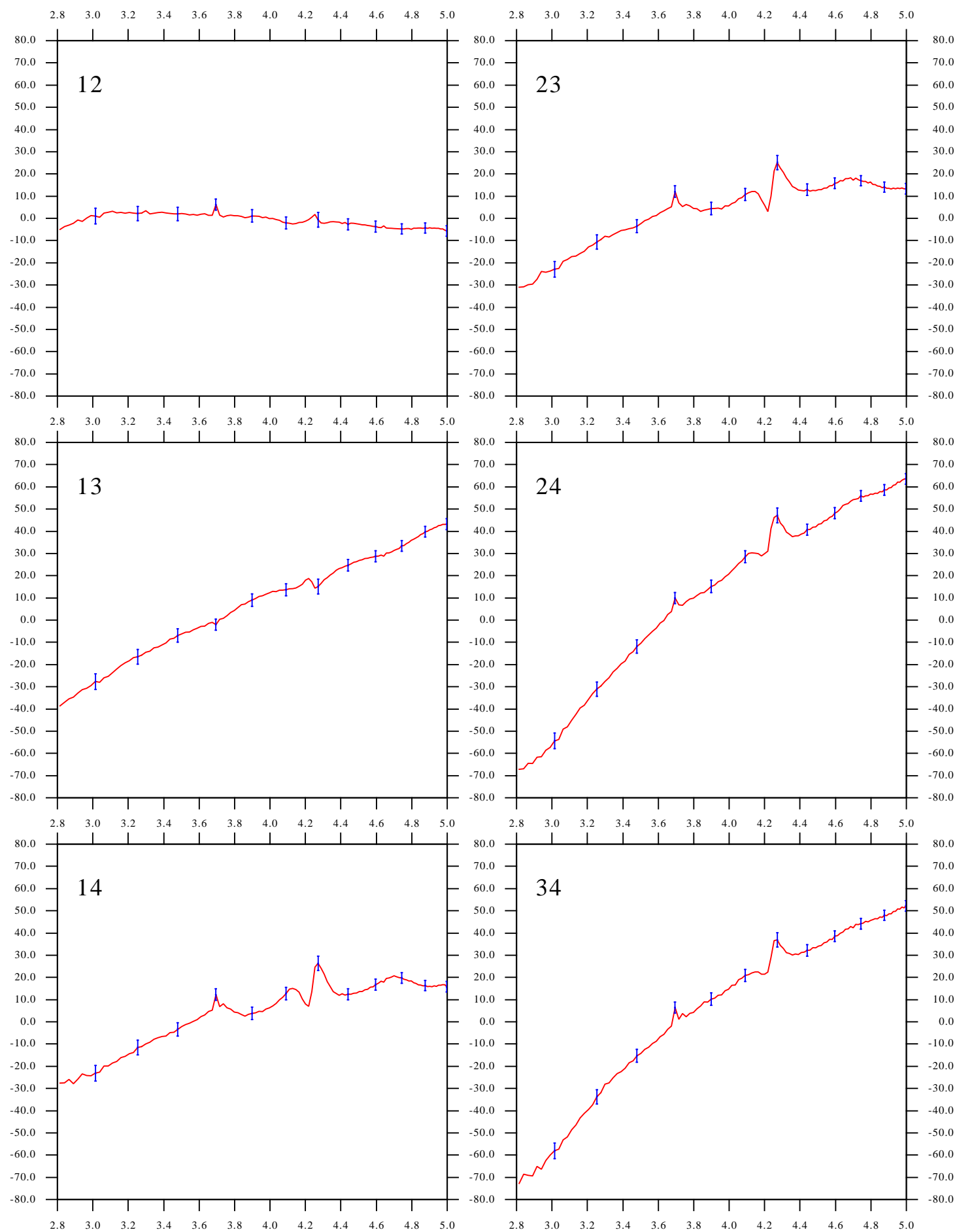# Squared visibility vs wavelength (in microns) ==> VIS2DATA

12

13

14

23

24

34
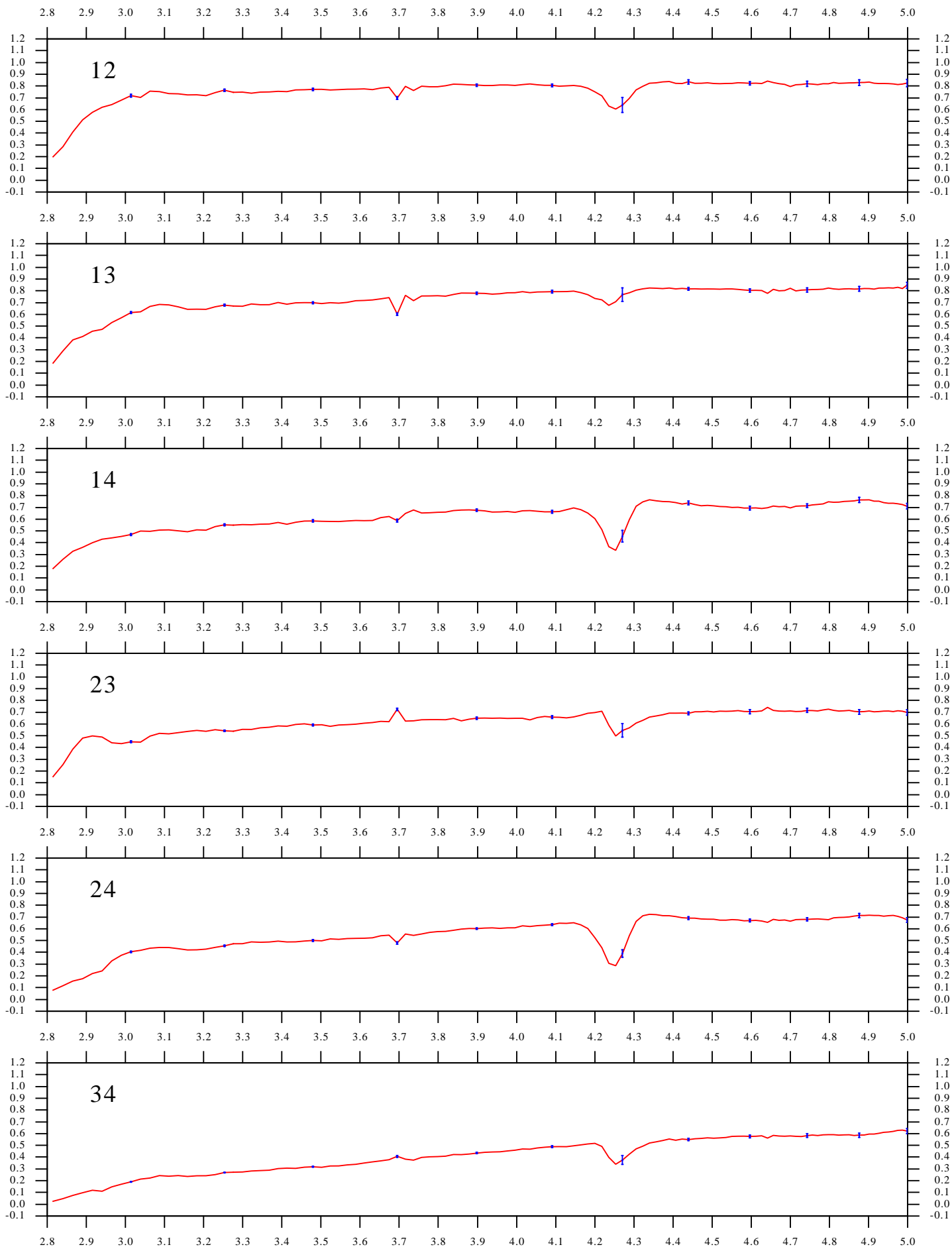
Time averaged visibility amp. vs wavelength (in microns) ==> VISAMP
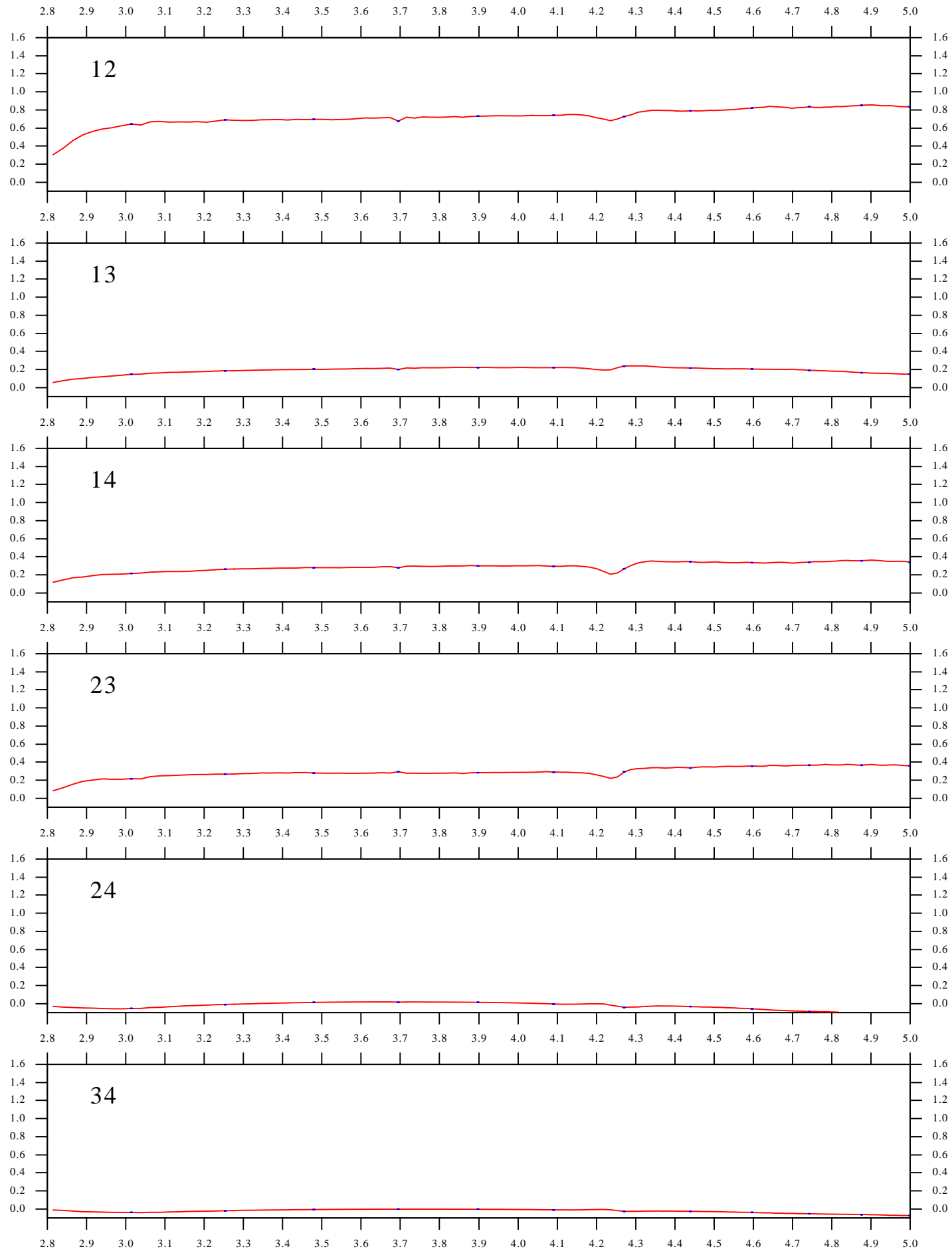
Closure phase (in degres) vs wavelength (in microns) ==> T3PHI

[2 3 4]

[1 2 3]

[1 2 4]

[1 3 4]

Differential closure phase (in degres) vs wavelength (in microns) ==> VISPHI

Average spectrum (in 1.0e+05 photo-e/DIT) vs wavelength (in microns)
==> OI_FLUX ; Tel1 = red, Tel2 = orange, Tel3 = blue, Tel4 = green