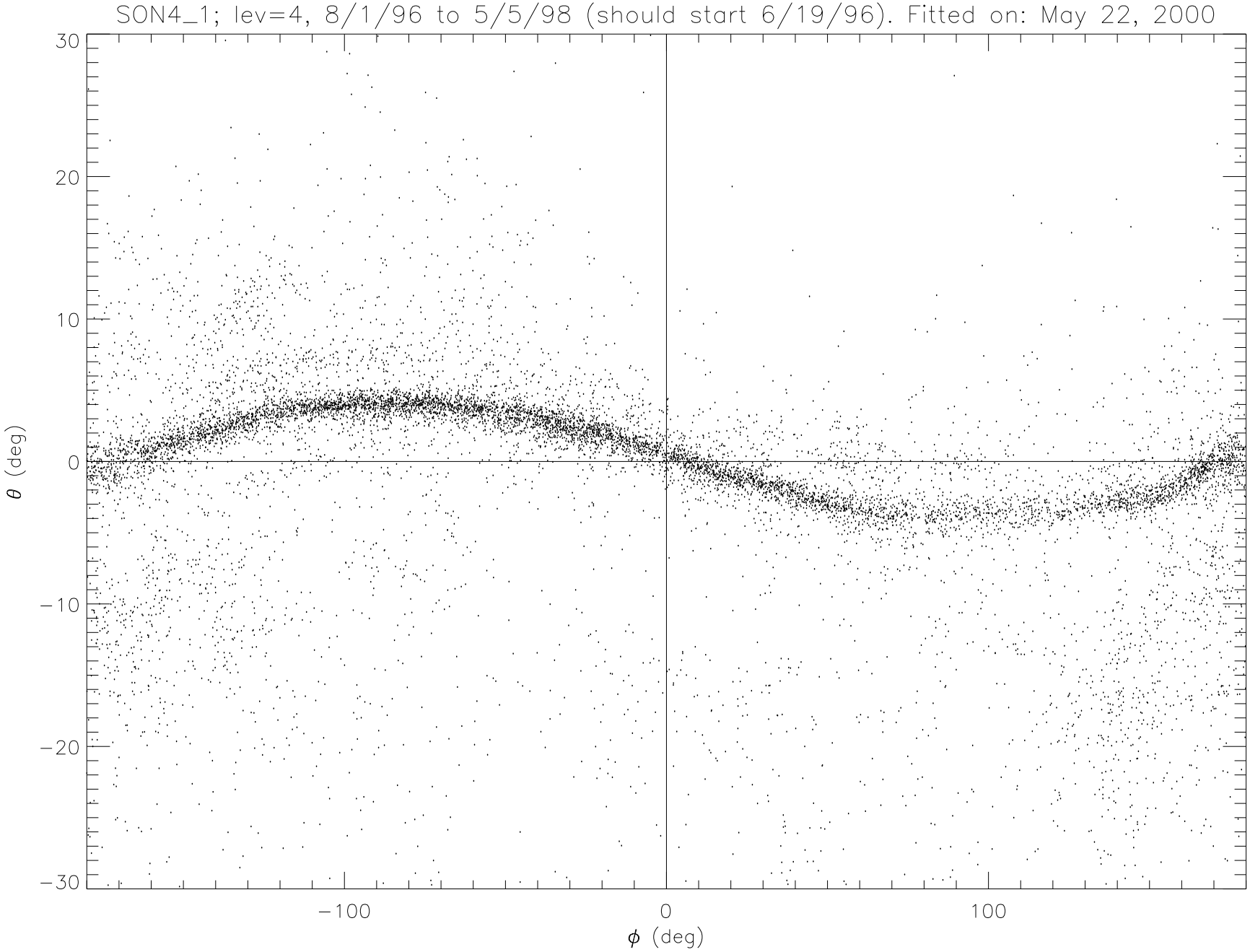
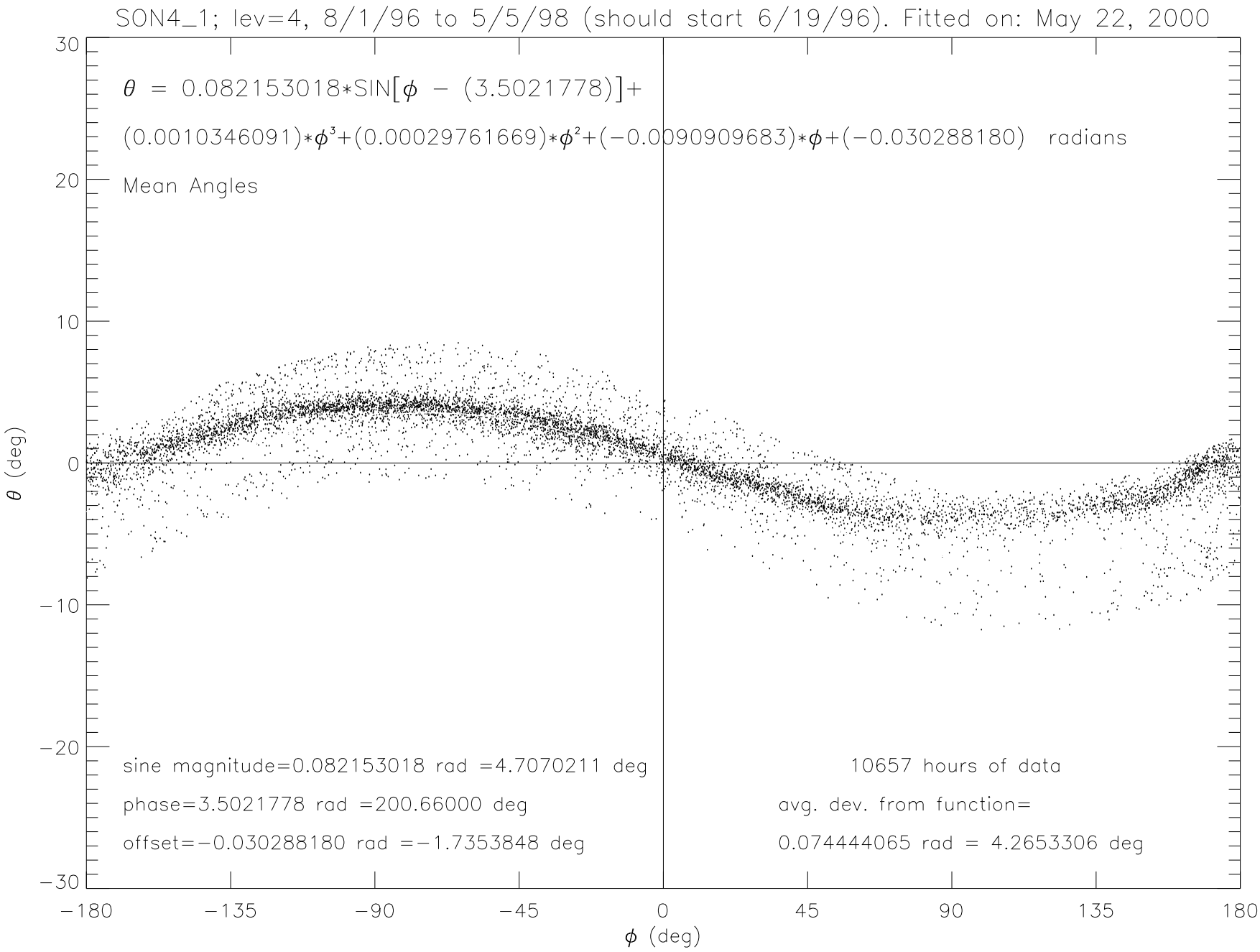
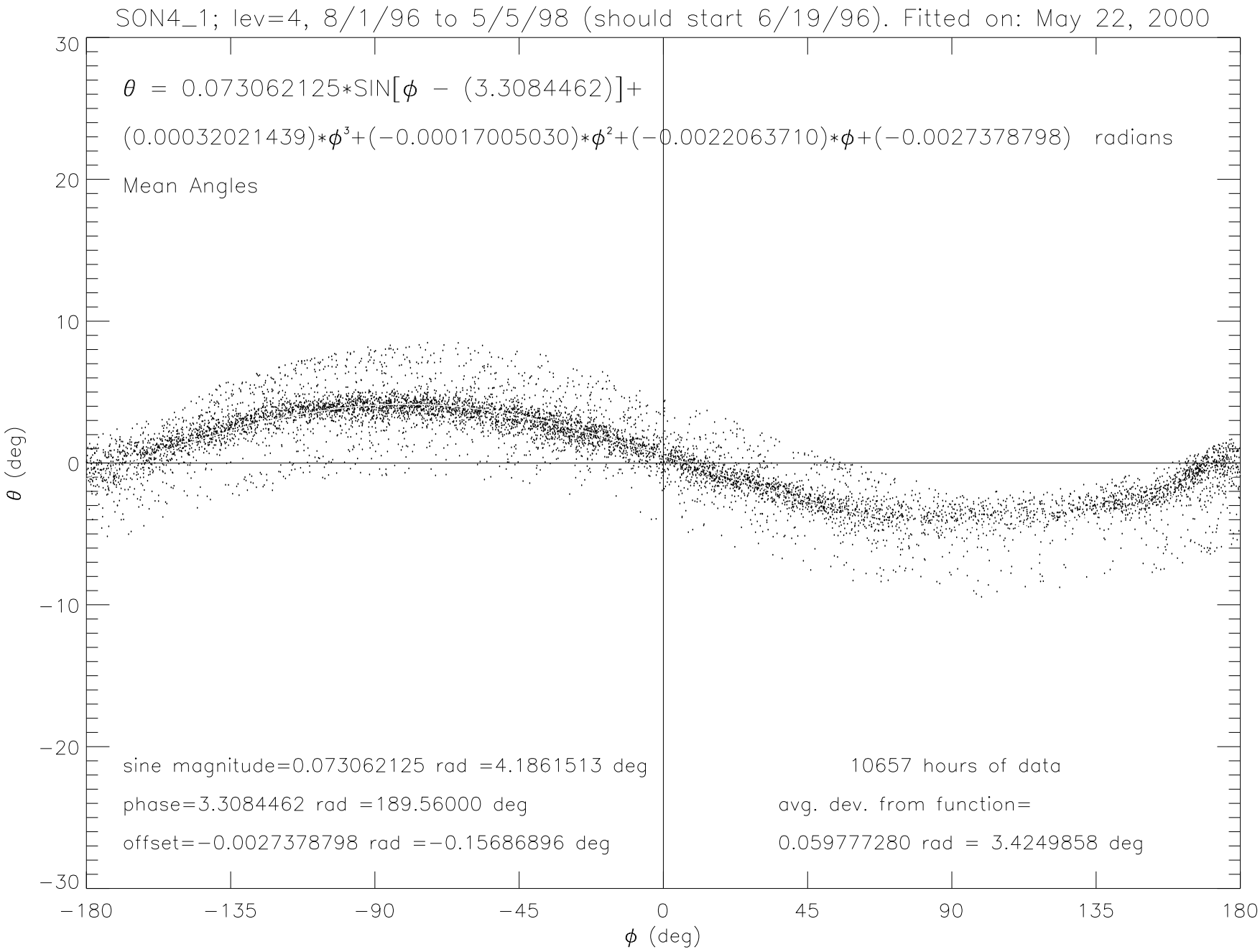
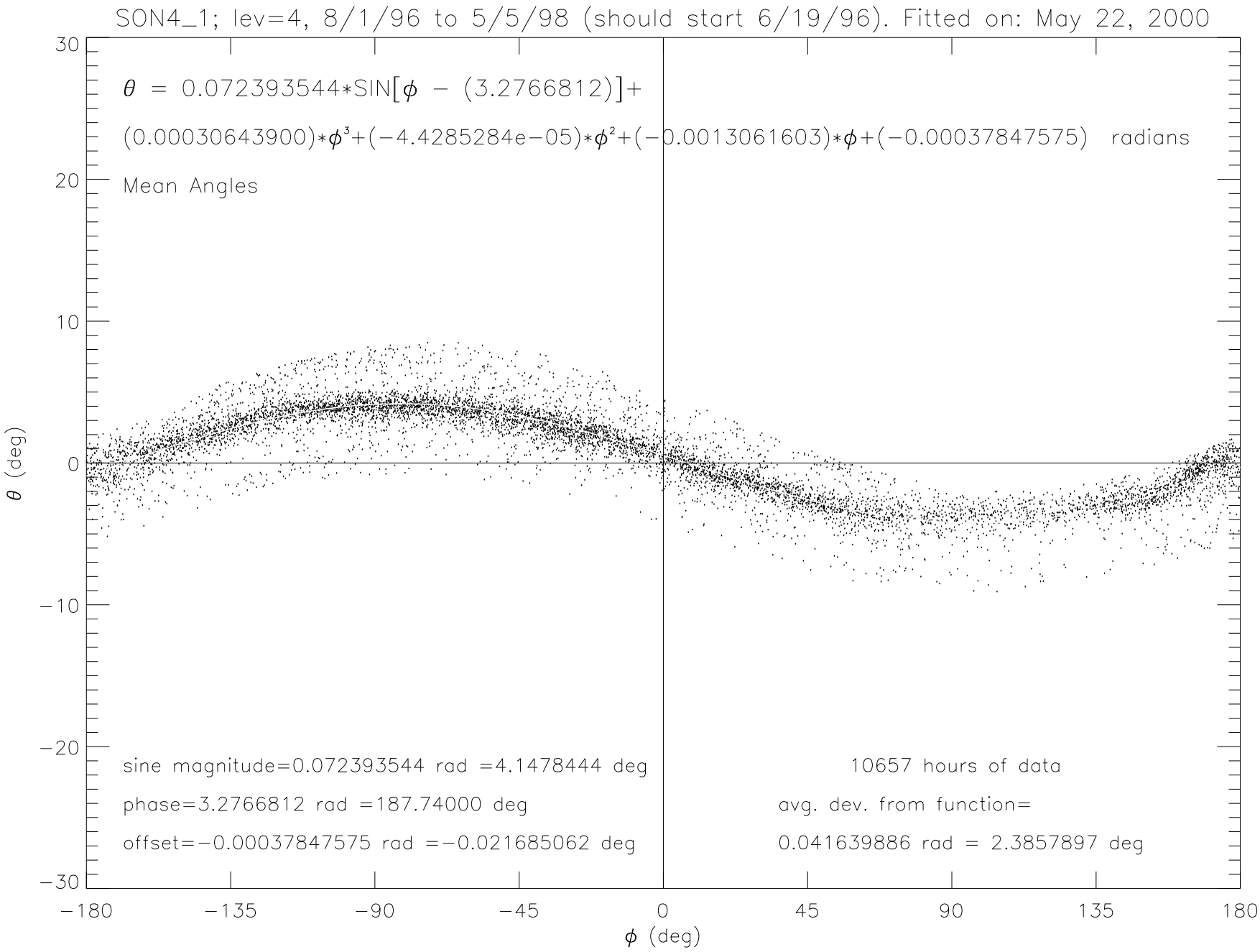
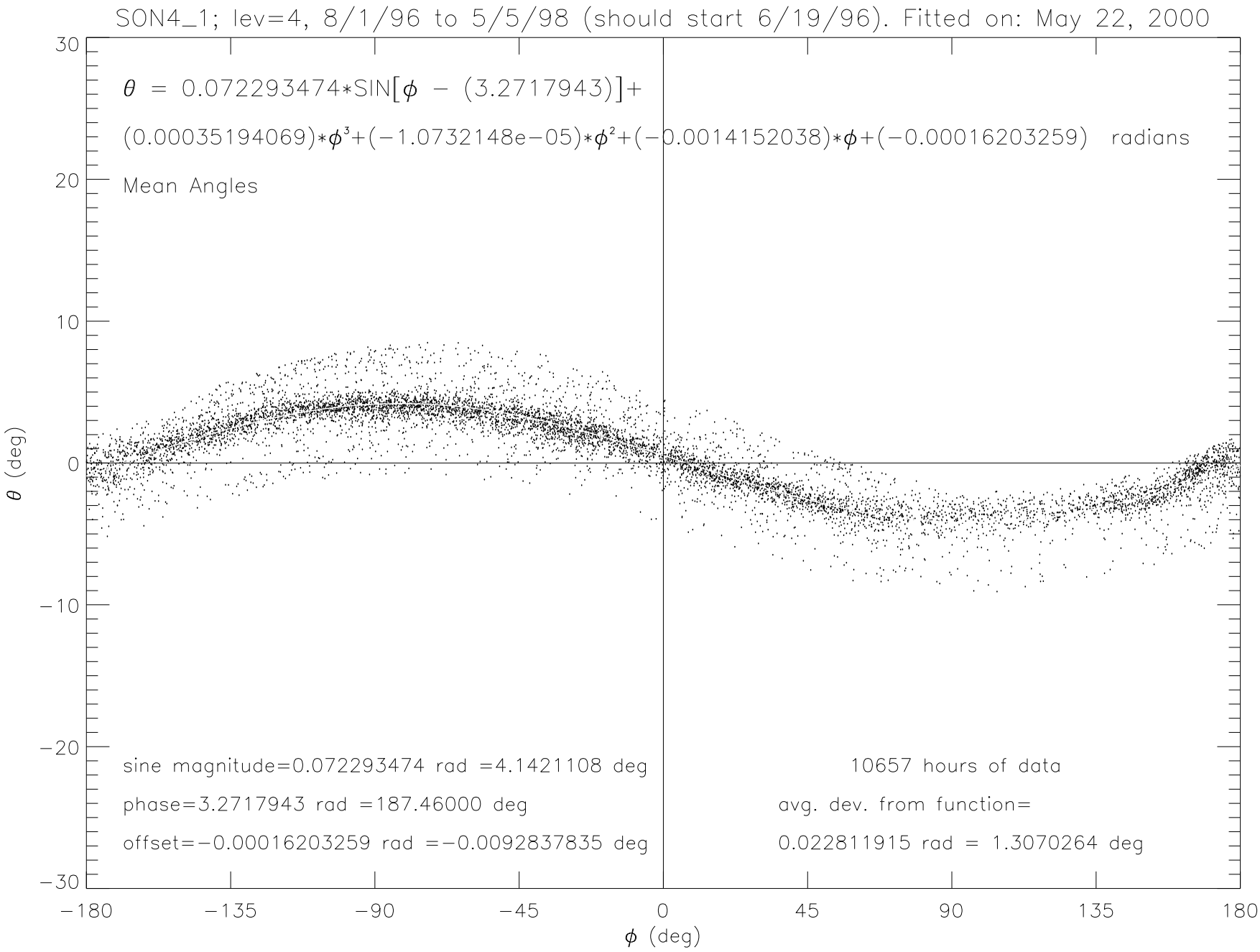
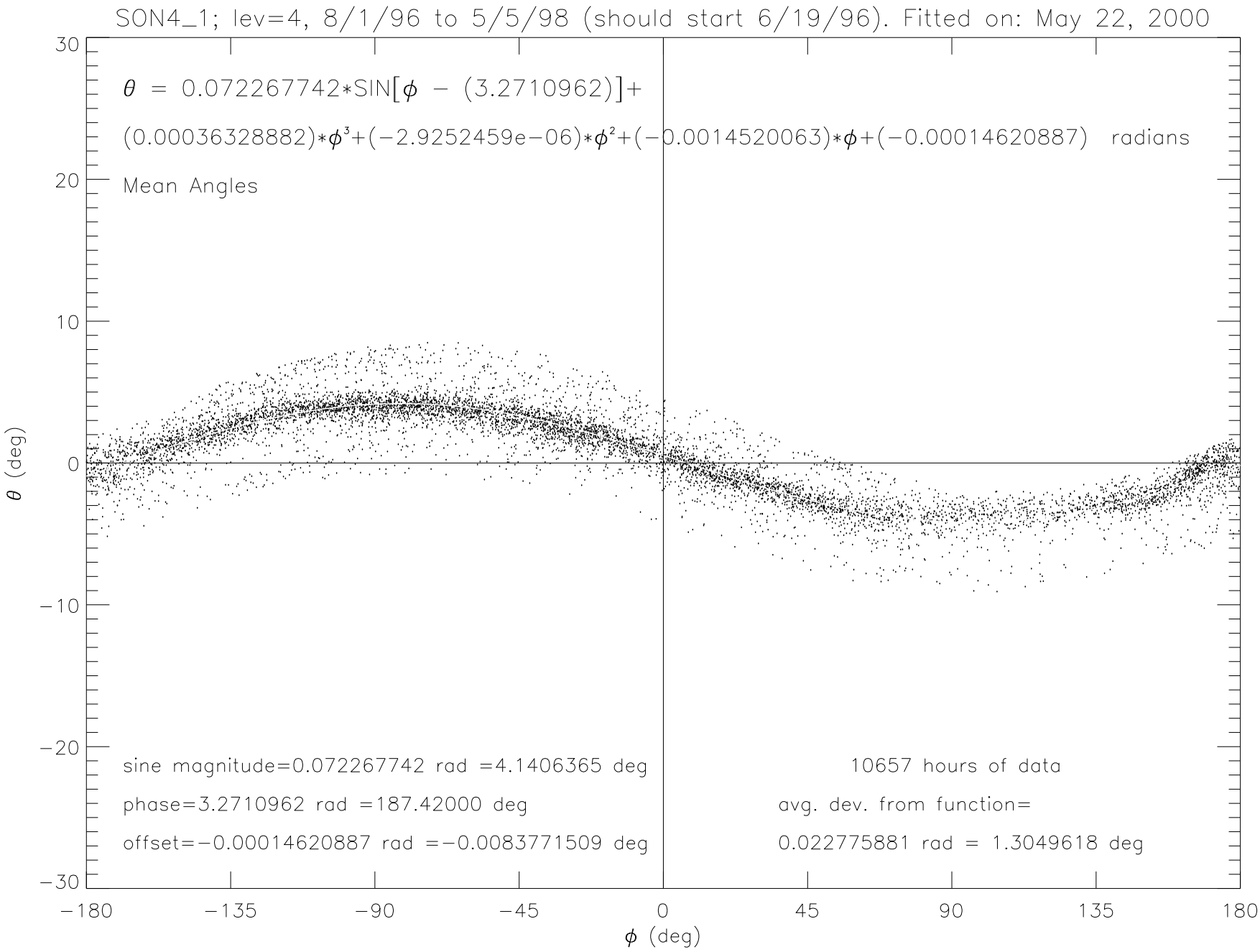

SON4_1; lev=4, 8/1/96 to 5/5/98 (should start 6/19/96). Fitted on: May 22, 2000
30
20
10
0
−10
−20
−30
θ (deg)
−100
0
100
ϕ (deg)

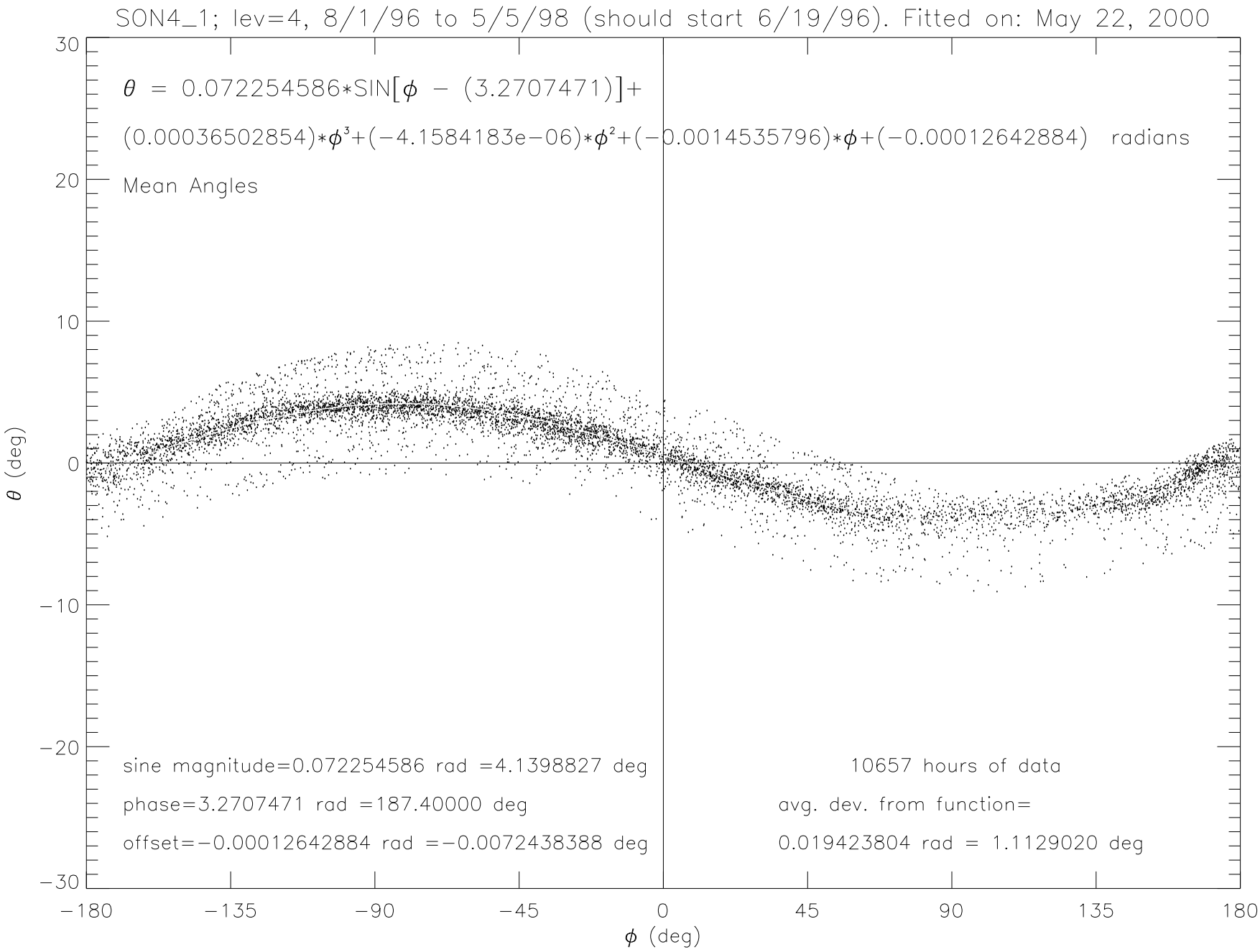

SON4_1; lev=4, 8/1/96 to 5/5/98 (should start 6/19/96). Fitted on: May 22, 2000
θ = 0.082153018*SIN[φ − (3.5021778)]+
(0.0010346091)*φ³+(0.00029761669)*φ²+(−0.0090909683)*φ+(−0.030288180) radians
Mean Angles
sine magnitude=0.082153018 rad =4.7070211 deg
phase=3.5021778 rad =200.66000 deg
offset=−0.030288180 rad =−1.7353848 deg
10657 hours of data
avg. dev. from function=
0.074444065 rad = 4.2653306 deg
θ (deg)
φ (deg)
30
20
10
0
−10
−20
−30
−180
−135
−90
−45
0
45
90
135
180

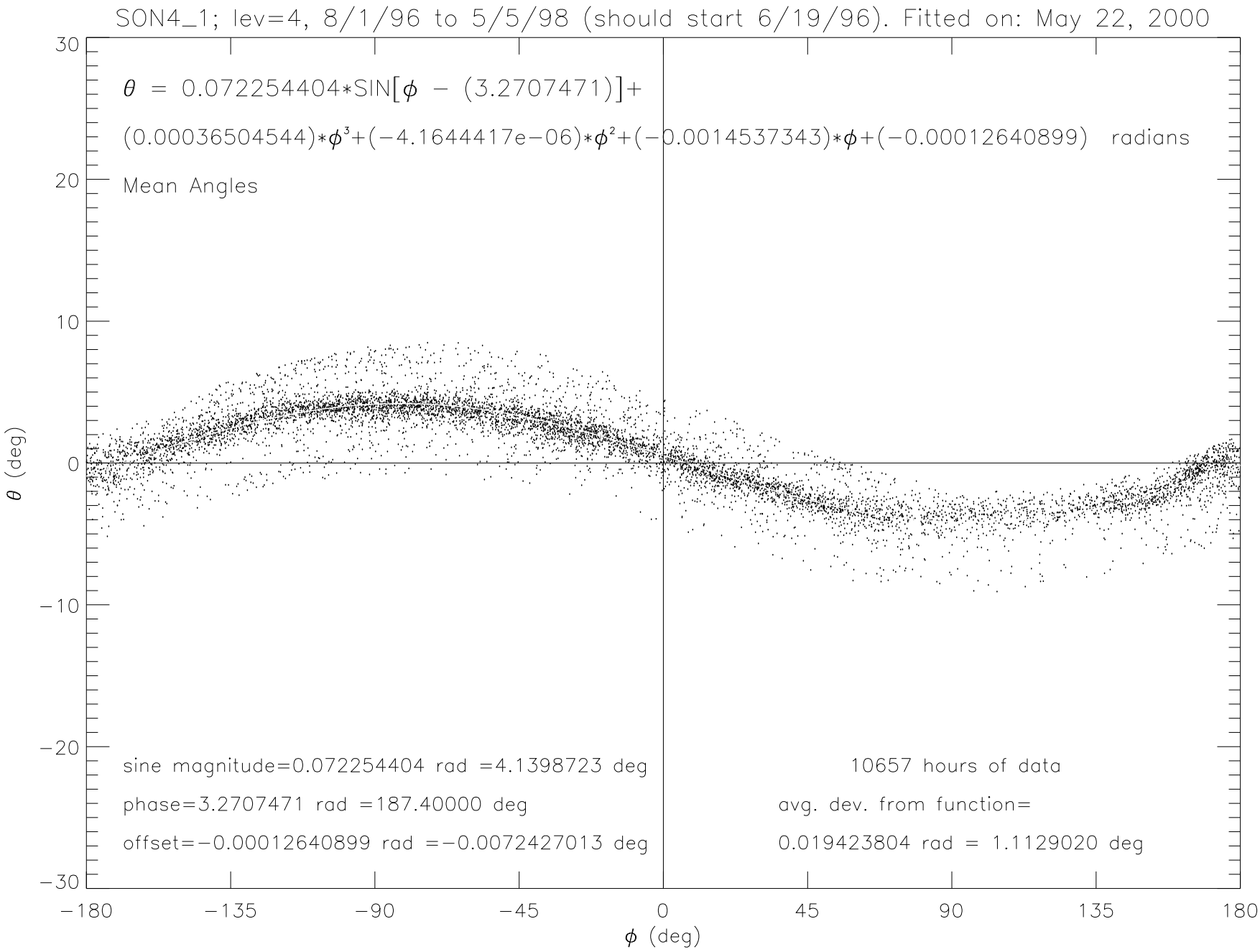

SON4_1; lev=4, 8/1/96 to 5/5/98 (should start 6/19/96). Fitted on: May 22, 2000
θ = 0.073062125*SIN[φ − (3.3084462)]+
(0.00032021439)*φ³+(−0.00017005030)*φ²+(−0.0022063710)*φ+(−0.0027378798) radians
Mean Angles
sine magnitude=0.073062125 rad =4.1861513 deg
phase=3.3084462 rad =189.56000 deg
offset=−0.0027378798 rad =−0.15686896 deg
10657 hours of data
avg. dev. from function=
0.059777280 rad = 3.4249858 deg
θ (deg)
φ (deg)
30
20
10
0
−10
−20
−30
−180
−135
−90
−45
0
45
90
135
180


SON4_1; lev=4, 8/1/96 to 5/5/98 (should start 6/19/96). Fitted on: May 22, 2000
θ = 0.072393544*SIN[φ − (3.2766812)]+
(0.00030643900)*φ³+(−4.4285284e−05)*φ²+(−0.0013061603)*φ+(−0.00037847575) radians
Mean Angles
sine magnitude=0.072393544 rad =4.1478444 deg
phase=3.2766812 rad =187.74000 deg
offset=−0.00037847575 rad =−0.021685062 deg
10657 hours of data
avg. dev. from function=
0.041639886 rad = 2.3857897 deg
θ (deg)
φ (deg)
30
20
10
0
−10
−20
−30
−180
−135
−90
−45
0
45
90
135
180


SON4_1; lev=4, 8/1/96 to 5/5/98 (should start 6/19/96). Fitted on: May 22, 2000
θ = 0.072293474*SIN[φ − (3.2717943)]+
(0.00035194069)*φ³+(−1.0732148e−05)*φ²+(−0.0014152038)*φ+(−0.00016203259) radians
Mean Angles
sine magnitude=0.072293474 rad =4.1421108 deg
phase=3.2717943 rad =187.46000 deg
offset=−0.00016203259 rad =−0.0092837835 deg
10657 hours of data
avg. dev. from function=
0.022811915 rad = 1.3070264 deg
θ (deg)
φ (deg)
30
20
10
0
−10
−20
−30
−180
−135
−90
−45
0
45
90
135
180


SON4_1; lev=4, 8/1/96 to 5/5/98 (should start 6/19/96). Fitted on: May 22, 2000
θ = 0.072267742*SIN[φ − (3.2710962)]+
(0.00036328882)*φ³+(−2.9252459e−06)*φ²+(−0.0014520063)*φ+(−0.00014620887) radians
Mean Angles
sine magnitude=0.072267742 rad =4.1406365 deg
phase=3.2710962 rad =187.42000 deg
offset=−0.00014620887 rad =−0.0083771509 deg
10657 hours of data
avg. dev. from function=
0.022775881 rad = 1.3049618 deg
θ (deg)
φ (deg)
30
20
10
0
−10
−20
−30
−180
−135
−90
−45
0
45
90
135
180


SON4_1; lev=4, 8/1/96 to 5/5/98 (should start 6/19/96). Fitted on: May 22, 2000
θ = 0.072254586*SIN[φ − (3.2707471)]+
(0.00036502854)*φ³+(−4.1584183e−06)*φ²+(−0.0014535796)*φ+(−0.00012642884) radians
Mean Angles
sine magnitude=0.072254586 rad =4.1398827 deg
phase=3.2707471 rad =187.40000 deg
offset=−0.00012642884 rad =−0.0072438388 deg
10657 hours of data
avg. dev. from function=
0.019423804 rad = 1.1129020 deg
θ (deg)
φ (deg)
30
20
10
0
−10
−20
−30
−180
−135
−90
−45
0
45
90
135
180


SON4_1; lev=4, 8/1/96 to 5/5/98 (should start 6/19/96). Fitted on: May 22, 2000
θ = 0.072254404*SIN[φ − (3.2707471)]+
(0.00036504544)*φ³+(−4.1644417e−06)*φ²+(−0.0014537343)*φ+(−0.00012640899) radians
Mean Angles
sine magnitude=0.072254404 rad =4.1398723 deg
phase=3.2707471 rad =187.40000 deg
offset=−0.00012640899 rad =−0.0072427013 deg
10657 hours of data
avg. dev. from function=
0.019423804 rad = 1.1129020 deg
θ (deg)
φ (deg)
30
20
10
0
−10
−20
−30
−180
−135
−90
−45
0
45
90
135
180