

FIT 1 ** 9 **MINOS

FCN= 98.45405 FROM MINOS STATUS=SUCCESSFUL 549 CALLS 1053 TOTAL
EDM= 0.40E-09 STRATEGY=1 ERROR MATRIX UNCERTAINTY= 0.1%

EXT PARAMETER			PARABOLIC	MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
1	x	0.43069	0.13427	-0.14211	0.12725
2	y	0.64743	0.24592E-01	-0.24505E-01	0.24681E-01
3	delta	0.20568	0.63107E-01	-0.64706E-01	0.66239E-01
4	rd	0.34421	0.21356E-02	-0.21059E-02	0.21719E-02
5	ad	0.0000	fixed		
6	qovp	1.0000	fixed		
7	phi	0.0000	fixed		
8	delta2	0.40754	0.40120	-0.40564	0.39933
9	ap	0.0000	fixed		
10	ak	0.0000	fixed		

FIT 2a ** 16 **MINOS

FCN= 66.19249 FROM MINOS STATUS=SUCCESSFUL 919 CALLS 2179 TOTAL
EDM= 0.73E-08 STRATEGY=1 ERROR MATRIX UNCERTAINTY= 0.2%

EXT PARAMETER			PARABOLIC	MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
1	x	0.40675	0.43794E-01	-0.44376E-01	0.44156E-01
2	y	0.64453	0.23813E-01	-0.23733E-01	0.23914E-01
3	delta	0.20179	0.64707E-01	-0.67094E-01	0.62945E-01
4	rd	0.34382	0.18005E-02	-0.18048E-02	0.18025E-02
5	ad	0.0000	fixed		
6	qovp	1.0000	fixed		
7	phi	-0.0031639	0.44037E-02	-0.45028E-02	0.44752E-02
8	delta2	0.42877	0.38131	-0.39229	0.37415
9	ap	0.027592	0.13682	-0.13683	0.13683
10	ak	-0.13227	0.13617	-0.13618	0.13618

FIT 2b ** 23 **MINOS

FCN= 66.19249 FROM MINOS STATUS=SUCCESSFUL 797 CALLS 3124 TOTAL
EDM= 0.15E-11 STRATEGY=1 ERROR MATRIX UNCERTAINTY= 0.0%

EXT PARAMETER			PARABOLIC	MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
6	qovp	1.0050	0.71321E-02	-0.71006E-02	0.71926E-02
7	phi	0.0000	fixed		

FIT 2c ** 30 **MINOS

FCN= 66.19249 FROM MINOS STATUS=SUCCESSFUL 827 CALLS 4117 TOTAL
EDM= 0.27E-12 STRATEGY=1 ERROR MATRIX UNCERTAINTY= 0.0%

EXT PARAMETER			PARABOLIC	MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
1	x12	0.40677	0.44273E-01	-0.44371E-01	0.44155E-01
2	y12	0.64454	0.23838E-01	-0.23733E-01	0.23914E-01
3	delta	0.20179	0.64730E-01	-0.67094E-01	0.62946E-01
4	rd	0.34382	0.18033E-02	-0.18047E-02	0.18026E-02
5	ad	0.0000	fixed		
6	qovp	1.0000	fixed		
7	phil2	0.011107	0.15754E-01	-0.15714E-01	0.15985E-01
8	delta2	0.42877	0.38360	-0.39229	0.37414
9	ap	0.027591	0.13683	-0.13683	0.13683
10	ak	-0.13227	0.13618	-0.13618	0.13618

FIT 3 ** 41 **MINOS

FCN= 63.76855 FROM MINOS STATUS=SUCCESSFUL 2315 CALLS 7765 TOTAL
EDM= 0.37E-06 STRATEGY=1 ERROR MATRIX UNCERTAINTY= 2.5%

EXT PARAMETER			PARABOLIC	MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
1	x12	0.40714	0.44201E-01	-0.44289E-01	0.44070E-01
2	y12	0.64256	0.23691E-01	-0.23656E-01	0.23875E-01
3	delta	0.19412	0.65116E-01	-0.67707E-01	0.63361E-01
4	rd	0.34371	0.18099E-02	-0.18067E-02	0.18050E-02
5	ad	0.0000	fixed		
6	phi^G	0.041629	0.26777E-01	-0.26782E-01	0.27017E-01
7	phi^M	0.0079782	0.15964E-01	-0.16068E-01	0.16096E-01
8	delta2	0.42683	0.38562	-0.39251	0.37433
9	ap	0.025775	0.29883E-01	-0.13731	0.13639
10	ak	-0.13424	0.32220E-01	-0.13666	0.13575

FIT 4 ** 44 **MINOS

FCN= 62.70137 FROM MINOS STATUS=SUCCESSFUL 1297 CALLS 11044 TOTAL
EDM= 0.15E-11 STRATEGY=1 ERROR MATRIX UNCERTAINTY= 1.3%

EXT PARAMETER		PARABOLIC		MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
1	x	0.40672	0.44373E-01	-0.44440E-01	0.44228E-01
2	y	0.64696	0.23760E-01	-0.23662E-01	0.23845E-01
3	delta	0.20459	0.64082E-01	-0.66399E-01	0.62430E-01
4	rd	0.34376	0.17889E-02	-0.17909E-02	0.17895E-02
5	ad	-0.76445	0.35243	-0.35189	0.35180
6	qovp	0.99356	0.15417E-01	-0.15252E-01	0.15507E-01
7	phi	-0.045290	0.19979E-01	-0.20103E-01	0.19899E-01
8	delta2	0.43087	0.38300	-0.39203	0.37382
9	ap	0.045010	0.13719	-0.13718	0.13718
10	ak	-0.11376	0.13659	-0.13658	0.13658

PARAMETER CORRELATION COEFFICIENTS

NO.	GLOBAL	1	2	3	4	5	6	7	8	9	10
1	0.54175	1.000	-0.030	-0.049	0.223	0.003	-0.107	0.086	-0.119	0.003	0.003
2	0.95439	-0.030	1.000	0.867	0.145	-0.084	-0.020	0.024	0.056	-0.008	-0.008
3	0.96829	-0.049	0.867	1.000	0.534	-0.088	-0.014	0.042	0.051	-0.010	-0.010
4	0.87445	0.223	0.145	0.534	1.000	-0.041	-0.058	0.023	-0.019	-0.005	-0.005
5	0.69765	0.003	-0.084	-0.088	-0.041	1.000	-0.298	0.323	-0.006	-0.073	-0.078
6	0.79139	-0.107	-0.020	-0.014	-0.058	-0.298	1.000	0.569	0.012	0.068	0.073
7	0.79503	0.086	0.024	0.042	0.023	0.323	0.569	1.000	-0.010	-0.029	-0.031
8	0.13058	-0.119	0.056	0.051	-0.019	-0.006	0.012	-0.010	1.000	-0.000	-0.000
9	0.97846	0.003	-0.008	-0.010	-0.005	-0.073	0.068	-0.029	-0.000	1.000	0.978
10	0.97850	0.003	-0.008	-0.010	-0.005	-0.078	0.073	-0.031	-0.000	0.978	1.000