

FIT 1 ** 9 **MINOS

FCN= 72.81721 FROM MINOS STATUS=SUCCESSFUL 825 CALLS 1308 TOTAL
 EDM= 0.77E-08 STRATEGY=1 ERROR MATRIX UNCERTAINTY= 3.0%

EXT PARAMETER			PARABOLIC	MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
1	x	0.39768	0.43584E-01	-0.42977E-01	0.42719E-01
2	y	0.63571	0.23534E-01	-0.23269E-01	0.23388E-01
3	delta	0.26034	0.56723E-01	-0.57563E-01	0.55359E-01
4	rd	0.34361	0.11755E-02	-0.11641E-02	0.11682E-02
5	ad	0.0000	fixed		
6	qovp	1.0000	fixed		
7	phi	0.0000	fixed		
8	delta2	0.43051	0.38663	-0.39380	0.37604
9	ap	0.21172	0.51290E-01	-0.51178E-01	0.51179E-01
10	ak	0.54585E-01	0.43423E-01	-0.43350E-01	0.43349E-01

FIT 2a ** 16 **MINOS

FCN= 72.79741 FROM MINOS STATUS=SUCCESSFUL 992 CALLS 2474 TOTAL
 EDM= 0.46E-08 STRATEGY=1 ERROR MATRIX UNCERTAINTY= 0.1%

EXT PARAMETER			PARABOLIC	MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
1	x	0.40473	0.43077E-01	-0.43316E-01	0.43035E-01
2	y	0.63805	0.23285E-01	-0.23375E-01	0.23486E-01
3	delta	0.26511	0.55262E-01	-0.56756E-01	0.54683E-01
4	rd	0.34371	0.11581E-02	-0.11674E-02	0.11714E-02
5	ad	0.0000	fixed		
6	qovp	1.0000	fixed		
7	phi	-0.13464E-02	0.33271E-02	-0.33158E-02	0.33057E-02
8	delta2	0.42527	0.38532	-0.39305	0.37509
9	ap	0.22226	0.57359E-01	-0.57350E-01	0.57350E-01
10	ak	0.65469E-01	0.50924E-01	-0.50913E-01	0.50914E-01

FIT 2b ** 23 **MINOS

FCN= 72.79741 FROM MINOS STATUS=SUCCESSFUL 843 CALLS 3503 TOTAL
 EDM= 0.55E-12 STRATEGY=1 ERROR MATRIX UNCERTAINTY= 0.0%

EXT PARAMETER			PARABOLIC	MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
5	ad	0.0000	fixed		
6	qovp	1.0021	0.52193E-02	-0.52074E-02	0.52520E-02
7	phi	0.0000	fixed		

FIT 2c ** 30 **MINOS

FCN= 72.72955 FROM MINOS STATUS=SUCCESSFUL 906 CALLS 4625 TOTAL
 EDM= 0.37E-13 STRATEGY=1 ERROR MATRIX UNCERTAINTY= 1.1%

EXT PARAMETER			PARABOLIC	MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
1	x12	0.40893	0.44335E-01	-0.44351E-01	0.44301E-01
2	y12	0.63718	0.23496E-01	-0.23440E-01	0.23550E-01
3	delta	0.26259	0.55514E-01	-0.56631E-01	0.54731E-01
4	rd	0.34373	0.11723E-02	-0.11701E-02	0.11745E-02
5	ad	0.0000	fixed		
7	phi12	-0.13583E-01	0.28176E-01	-0.28389E-01	0.27994E-01
8	delta2	0.42027	0.38447	-0.39300	0.37503
9	ap	0.20205	0.54978E-01	-0.54822E-01	0.54914E-01
10	ak	0.44567E-01	0.48010E-01	-0.47893E-01	0.48028E-01

FIT 3a ** 41 **MINOS

FCN= 71.00955 FROM MINOS STATUS=SUCCESSFUL 1203 CALLS 7273 TOTAL
 EDM= 0.30E-10 STRATEGY=1 ERROR MATRIX UNCERTAINTY= 0.7%

EXT PARAMETER			PARABOLIC	MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
1	x12	0.40594	0.43033E-01	-0.43170E-01	0.42902E-01
2	y12	0.63522	0.23501E-01	-0.23426E-01	0.23560E-01
3	delta	0.25705	0.56124E-01	-0.57457E-01	0.55199E-01
4	rd	0.34364	0.11719E-02	-0.11703E-02	0.11743E-02
5	ad	0.0000	fixed		
6	phi^G	0.35407E-01	0.26583E-01	-0.26525E-01	0.26912E-01
7	phi^M	-0.57260E-03	0.12256E-01	-0.12466E-01	0.12175E-01
8	delta2	0.42169	0.38527	-0.39327	0.37537
9	ap	0.22428	0.57372E-01	-0.57373E-01	0.57374E-01
10	ak	0.67334E-01	0.50936E-01	-0.50936E-01	0.50936E-0

FIT 3b ** 51 **MINOS

FCN= 70.71058 FROM MINOS STATUS=SUCCESSFUL 1413 CALLS 10786 TOTAL
 EDM= 0.11E-10 STRATEGY=1 ERROR MATRIX UNCERTAINTY= 1.1%

EXT PARAMETER			PARABOLIC	MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
1	x	0.40535	0.43147E-01	-0.43214E-01	0.42945E-01
2	y	0.63560	0.23594E-01	-0.23475E-01	0.23611E-01
3	delta	0.25768	0.56201E-01	-0.57456E-01	0.55215E-01
4	rd	0.34360	0.11673E-02	-0.11650E-02	0.11690E-02
5	ad	-0.81046	0.88166	-0.88208	0.88209
6	qovp	0.98315	0.14509E-01	-0.14429E-01	0.14622E-01
7	phi	-0.26335E-01	0.18119E-01	-0.18491E-01	0.18053E-01
8	delta2	0.42252	0.38490	-0.39325	0.37535
9	ap	0.22453	0.57363E-01	-0.57358E-01	0.57359E-01
10	ak	0.67604E-01	0.50926E-01	-0.50919E-01	0.50919E-01

PARAMETER CORRELATION COEFFICIENTS

NO.	GLOBAL	1	2	3	4	5	6	7	8	9	10
1	0.77604	1.000	-0.025	-0.129	0.312	-0.002	-0.037	0.066	-0.117	0.008	0.010
2	0.97892	-0.025	1.000	0.935	0.234	-0.005	0.102	0.153	0.055	-0.003	-0.003
3	0.98390	-0.129	0.935	1.000	0.448	-0.004	0.113	0.163	0.064	-0.006	-0.006
4	0.87286	0.312	0.234	0.448	1.000	-0.002	0.022	0.096	-0.023	0.000	0.000
5	0.11612	-0.002	-0.005	-0.004	-0.002	1.000	-0.007	0.051	-0.000	-0.027	-0.033
6	0.89617	-0.037	0.102	0.113	0.022	-0.007	1.000	0.848	0.009	0.134	0.160
7	0.89763	0.066	0.153	0.163	0.096	0.051	0.848	1.000	-0.000	-0.108	-0.121
8	0.12812	-0.117	0.055	0.064	-0.023	-0.000	0.009	-0.000	1.000	-0.001	-0.001
9	0.86941	0.008	-0.003	-0.006	0.000	-0.027	0.134	-0.108	-0.001	1.000	0.869
10	0.88195	0.010	-0.003	-0.006	0.000	-0.033	0.160	-0.121	-0.001	0.869	1.000