











































4 WA70_Norm

3 Norm_NA10-286

2 Norm_NA10-194

1 Luminosity_E615

Dataset	GRV
E615-6	15 / 11
NA10-194-6	47 / 9
WA70-4	4.7 / 10
NA10-286-8	23 / 8
E615-4	12 / 11
WA70plus-2	1.1 / 5
NA10-286-1	3.6 / 5
NA10-194-4	8.3 / 8
WA70-2	1.8 / 10
E615-2	23 / 11
NA10-194-2	21 / 7
WA70-0	2.2 / 10
E615-16	12 / 6
NA10-286-3	2.3 / 6
E615-0	16 / 7
NA10-194-0	7.9 / 6
E615-14	27 / 7
WA70plus-0	2.3 / 5
WA70plus-5	1.6 / 3
NA10-286-5	26 / 8
E615-9	27 / 10
E615-7	26 / 11
NA10-286-7	8.4 / 9
NA10-194-7	62 / 8
WA70-5	8.0 / 10
WA70plus-3	2.2 / 5
NA10-286-0	21 / 4
E615-5	11 / 11
NA10-194-5	15 / 8
WA70-3	4.5 / 10
E615-3	19 / 12
NA10-286-9	14 / 9
E615-17	23 / 6
NA10-194-3	5.4 / 7
WA70-1	2.8 / 10
NA10-286-2	7.1 / 5
WA70plus-1	3.2 / 5
E615-1	17 / 10
NA10-194-1	14 / 6
E615-15	4.8 / 8
WA70plus-6	1.6 / 3
NA10-286-10	18 / 4
NA10-286-4	10.0 / 7
E615-13	48 / 8
WA70plus-4	0.26 / 5
NA10-286-6	13 / 8
E615-8	24 / 11
NA10-194-8	15 / 8
WA70-6	1.4 / 8
Correlated χ^2	101
Log penalty χ^2	-146.46
Total χ^2 / dof	638 / 378
χ^2 p-value	0.00

Parameter	GRV
'Ag'	1.0000
'As'	6.91 ± 0.98
'Av'	1.0000
'Bg'	−2.361
'Bs'	−5.528
'Bv'	0.02827
'Cg'	1.720
'Cs'	2.787
'Cv'	0.8410
'Dg'	1.292
'Ds'	3.359
'Dv'	0.4763
'Eg'	−1.006
'Es'	−0.7480
'Fg'	0.09158
'Fs'	1.100
'Gg'	0.7949
'Gs'	1.896
'Hg'	1.276
'Ng'	0.9020
'Ns'	1.0000
'Nv'	0.6627
Fit status	converged
Uncertainties	undefined