Command Prom	pt - Faults	-		_ D X	
State(21): State(22):	ChebCoeff_02 Bkg_Scale_01	0.22356 0.25361	0.20000 0.02600	1.00000 1.00000	_
=> Iteration	2 R-Factor	= 4.7140	Chi2 =	0.3400	
	Scale Factor	1.00850	1.00676	1.00000	
	cell_a	3.12935	3.12857	1.00000	
	cell_b	3.12935	3.12857	1.00000	
State(4):	u	0.01346	0.01909	1.00000	
State(5):	alpha0401	0.10691	0.10604	-1.00000	
State(6):	alpha0404	0.89309	0.89396	1.00000	
State(7):	Dg	447.77664	438.82492	1.00000	
State(8):	num_layers	30.07755	27.07360	1.00000	
State(9):	pos_z0201	0.22262	0.22241	1.00000	
State(10):	pos_z0202	0.22262	0.22241	1.00000	
	D1	454.88370	431.11209	1.00000	
State(12):	alpha0101	0.81239	0.82070	-2.00000	_
State(13):	alpha0102	0.09381	0.08965	1.00000	
State(14): State(15):	alpha0104 alpha0202	0.09381 0.92024	0.08965 0.91589	1.00000 -1.00000	
State(15):	a1pha0202 a1pha0203	0.07976	0.91589 0.08411	1.00000	
State(17):	alpha0301	0.13771	0.13474	-1.00000	
	alpha0303	0.86229	0.86526	1.00000	
	cell_c	4.60875	4.60913	1.00000	
State(20):	ChebCoeff_01	_0 12444	-0.18202	1.00000	
State(21):	ChebCoeff_02	0.13713 0.25370	0.22356	1.00000	
State(22):	Bkg Scale 01	0.23310	0.25361	1.00000	
=> Iteration	3 R-Factor	= 2.2782	Chi2 =	0.0927	
State(1):	Scale_Factor	1.01231	1.00850	1.00000	
State(2):	cell_a	3.12877	3.12935	1.00000	
	cell_b	3.12877	3.12935	1.00000	
State(4):	u_	0.04624	0.01346	1.00000	
	alpha0401	0.10830	0.10691	-1.00000	
State(6):	alpha0404	0.89170	0.89309	1.00000	
	Dg	483.88968	447.77664	1.00000	
State(8): State(9):	num_layers pos_z0201	30.12982 0.22294	30.07755 0.22262	1.00000 1.00000	
State(10):	pos_z0202 pos_z0202	0.22294	0.22262	1.00000	
	pos_20202 D1	461.69067	454.88370	1.00000	
State(12):	alpha0101	0.80535	0.81239	-2.00000	
State(13):	alpha0102	0.09733	0.09381	1.00000	
State(14):	alpha0104	0.09733	0.09381	1.00000	
State(15):	a1pha0202	0.92046	0.92024	-1.00000	
	a1pha0203	0.07954	0.07976	1.00000	
State(17):	alpha0301	0.13469	0.13771	-1.00000	
State(18):	alpha0303	0.86531	0.86229	1.00000	
State(19):	cell_c	4.60853	4.60875	1.00000	
	ChebCoeff_01	-0.12781	-0.13444	1.00000	
	ChebCoeff_02	0.13290	0.13713	1.00000	
	Bkg_Scale_01	0.25355	0.25370	1.00000	
=> Iteration	4 R-Factor	= 2.0229	Chi2 =	0.0673	Ŧ
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