

BP-1

BLOCK	MASS	#	Mass spectrum	
#	PDG	Code	mass	particle
		5	4.18000000E+00	# MB(MB)
		6	1.73400000E+02	# MTOP (POLE MASS)
		15	1.77700000E+00	# MTAU
		23	9.11870000E+01	# MZ
		24	8.03545000E+01	# MW
		35	9.74478902E+01	# lightest neutral scalar
		25	1.24592723E+02	# second neutral scalar
		45	6.79708376E+02	# third neutral scalar
		36	3.52547775E+00	# lightest pseudoscalar
		46	6.78152290E+02	# second pseudoscalar
		37	6.79933432E+02	# charged Higgs
1000001			1.01013893E+03	# ~d_L
2000001			1.00882229E+03	# ~d_R
1000002			1.00720475E+03	# ~u_L
2000002			1.00792595E+03	# ~u_R
1000003			1.01013893E+03	# ~s_L
2000003			1.00882229E+03	# ~s_R
1000004			1.00720475E+03	# ~c_L
2000004			1.00792595E+03	# ~c_R
1000005			1.00646333E+03	# ~b_1
2000005			9.91138095E+02	# ~b_2
1000006			8.42428918E+02	# ~t_1
2000006			1.11172295E+03	# ~t_2
1000011			3.03243448E+02	# ~e_L
2000011			3.02853828E+02	# ~e_R
1000012			2.93807710E+02	# ~nue_L
1000013			3.03243448E+02	# ~mu_L
2000013			3.02853828E+02	# ~mu_R
1000014			2.93807710E+02	# ~numu_L
1000015			2.96489208E+02	# ~tau_1
2000015			3.09479393E+02	# ~tau_2
1000016			2.93807710E+02	# ~nutau_L
1000021			1.92260801E+03	# ~g
1000022			8.69831544E+01	# neutralino(1)
1000023			-1.36141792E+02	# neutralino(2)
1000025			1.43246641E+02	# neutralino(3)
1000035			5.54120379E+02	# neutralino(4)
1000045			1.19237022E+03	# neutralino(5)
1000024			1.24000773E+02	# chargino(1)
1000037			1.19236630E+03	# chargino(2)

Higgs Mixing

(CP Even) Neutral

	H_d_0	H_u_0	S
h_1_0	2.454957	16.719363	80.825680
h_2_0	2.316358	79.104115	18.579527
h_3_0	95.228685	4.176522	0.594793

(CP Odd) Neutral

	H_d_0	H_u_0	S
a_1_0	0.345660	0.013826	99.640693
a_2_0	95.808174	3.832327	0.359306

Neutralino Mixing

	lambda_1	lambda_2_3	psi_d	psi_u	psi_S
Chi_1_0	0.320680	0.197841	13.328004	30.003066	56.150409
Chi_2_0	0.115830	0.108399	48.913186	47.970174	2.892412
Chi_3_0	0.362250	0.191615	37.602506	20.886812	40.956817
Chi_4_0	99.198971	0.012254	0.114357	0.674065	0.000353
Chi_5_0	0.002269	99.489891	0.041947	0.465883	0.000009

Chargino Mixing

U-Mix (-ve)

	lambda(-)	psi_d(-)
Chi_1(-)	0.08326	99.91674
Chi_2(-)	99.91674	0.08326

V-Mix (+ve)

	lambda(+)	psi_u(+)
Chi_1(+)	0.930861	99.069139
Chi_2(+)	99.069139	0.930861

BP-2

BLOCK	MASS	#	Mass spectrum	particle
#	PDG	Code	mass	
		5	4.18000000E+00	# MB(MB)
		6	1.73400000E+02	# MTOP (POLE MASS)
		15	1.77700000E+00	# MTAU
		23	9.11870000E+01	# MZ
		24	8.03545000E+01	# MW
		35	6.21403577E+01	# lightest neutral scalar
		25	1.24559689E+02	# second neutral scalar
		45	7.38895574E+02	# third neutral scalar
		36	7.47870457E+00	# lightest pseudoscalar
		46	7.37871904E+02	# second pseudoscalar
		37	7.38953037E+02	# charged Higgs
1000001			1.04141476E+03	# ~d_L
2000001			1.04016115E+03	# ~d_R
1000002			1.03862270E+03	# ~u_L
2000002			1.03931232E+03	# ~u_R
1000003			1.04141476E+03	# ~s_L
2000003			1.04016115E+03	# ~s_R
1000004			1.03862270E+03	# ~c_L
2000004			1.03931232E+03	# ~c_R
1000005			1.03853160E+03	# ~b_1
2000005			1.02882787E+03	# ~b_2
1000006			9.36279240E+02	# ~t_1
2000006			1.11224769E+03	# ~t_2
1000011			3.03246385E+02	# ~e_L
2000011			3.02836851E+02	# ~e_R
1000012			2.93822177E+02	# ~nu_e_L
1000013			3.03246385E+02	# ~mu_L
2000013			3.02836851E+02	# ~mu_R
1000014			2.93822177E+02	# ~nu_mu_L
1000015			2.96479264E+02	# ~tau_1
2000015			3.09475185E+02	# ~tau_2
1000016			2.93822177E+02	# ~nu_tau_L
1000021			1.38702689E+03	# ~g
1000022			6.36071459E+01	# neutralino(1)
1000023			1.24812278E+02	# neutralino(2)
1000025			-1.39030539E+02	# neutralino(3)
1000035			2.46936283E+02	# neutralino(4)
1000045			5.22350880E+02	# neutralino(5)
1000024			1.18127645E+02	# chargino(1)
1000037			5.22279633E+02	# chargino(2)

Higgs Mixing

(CP Even) Neutral

	H_d_0	H_u_0	S
h_1_0	2.290484	15.868900	81.840615
h_2_0	2.352371	80.040322	17.607307
h_3_0	95.357145	4.090777	0.552078

(CP Odd) Neutral

	H_d_0	H_u_0	S
a_1_0	0.425614	0.017025	99.557536
a_2_0	95.728511	3.829140	0.442463

Neutralino Mixing

	lambda_1	lambda_2_3	psi_d	psi_u	psi_S
Chi_1_0	1.701236	0.893546	7.807837	22.751104	66.846277
Chi_2_0	5.071716	1.493432	42.428411	21.501150	29.505291
Chi_3_0	0.395048	0.462209	47.205044	48.372153	3.565547
Chi_4_0	92.759868	0.536164	2.054436	4.568319	0.081212
Chi_5_0	0.072132	96.614649	0.504272	2.807275	0.001672

Chargino Mixing

U-Mix (-ve)

	lambda(-)	psi_d(-)
Chi_1(-)	0.972588	99.027412
Chi_2(-)	99.027412	0.972588

V-Mix (+ve)

	lambda(+)	psi_u(+)
Chi_1(+)	5.5782	94.4218
Chi_2(+)	94.4218	5.5782