

Weekly Meeting

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IHEP

Limits at combined low mass points

mass	observed	p2s	p1s	median	m1s	m2s
260	2.11309 +/- 0.0111571	2.07581	1.42334	1.08808	0.879735	0.802369
270	1.72685 +/- 0.00765673	2.50989	1.74018	1.31274	1.06166	0.857206
280	1.73839 +/- 0.00698019	2.45764	1.69051	1.26004	0.99007	0.831951
285	2.10208 +/- 0.0751333	2.48266	1.70867	1.2609	0.995483	0.768715
290	1.96176 +/- 0.0147565	2.50215	1.74253	1.28782	0.999928	0.811976
295	1.81748 +/- 0.00702011	2.4862	1.69678	1.26359	0.97282	0.798412
300	2.01773 +/- 0.0199151	2.4237	1.66701	1.22899	0.951838	0.74206
305	1.35584 +/- 0.0068937	2.30787	1.56943	1.16222	0.913053	0.758399
310	1.37339 +/- 0.00699742	2.28629	1.54909	1.14656	0.905184	0.74364
315	1.44288 +/- 0.00569636	2.25933	1.51379	1.12846	0.880794	0.7368
320	1.48775 +/- 0	2.16532	1.48607	1.0854	0.869352	0.691319
325	2.01485 +/- 0.0674136	2.19544	1.48667	1.0925	0.855708	0.676501
330	1.65714 +/- 0.00620289	2.12174	1.45638	1.07158	0.857393	0.681667
340	1.64382 +/- 0.00769825	1.98965	1.34735	1.0006	0.810659	0.66476
350	1.52466 +/- 0.00712565	1.79065	1.21544	0.894872	0.718122	0.54226
360	0.997656 +/- 0.00637516	1.65647	1.11583	0.831144	0.668357	0.576087
380	1.14975 +/- 0.00522262	1.49408	1.02081	0.759396	0.600338	0.525909
400	0.826408 +/- 0.0031466	1.11527	0.752155	0.562243	0.44382	0.38508
420	0.740053 +/- 0.00326572	1.01919	0.690478	0.506196	0.393958	0.330365
440	0.701854 +/- 0.00384945	0.938594	0.632745	0.461594	0.363215	0.308882
460	0.671114 +/- 0.00328034	0.866039	0.588047	0.435275	0.346032	0.288107
480	0.640361 +/- 0.00295732	0.824745	0.551227	0.403807	0.318537	0.277039
500	0.61057 +/- 0.0032239	0.768345	0.517581	0.380112	0.301746	0.259852

P-value at combined high mass points and bbbb

mass/p-value		combined		bbbb
500		0.430043		0.59775
520		0.145394		0.25467
540		0.352587		0.490459
560		0.413132		0.543149
580		0.340356		0.437247
600		0.371796		0.463837
620		0.453126		0.539965
640		0.691601		0.755516
660		0.707307		0.766805
680		0.572916		0.63629
700		0.525734		0.585183
720		0.485292		0.542237
740		0.486748		0.539702
760		0.452588		0.512822
780		0.222775		0.263569
800		0.078931		0.098495
820		0.033796		0.041285
840		0.059202		0.075452
860		0.241993		0.285572
880		0.620787		0.660173
900		0.897756		0.908363
920		0.93428		0.940561
940		0.93222		0.935733
960		0.922606		0.901585
980		0.919106		0.912776
1000		0.91747		0.919121

P-value at combined low mass points and bbyy

mass	p-value	previous	bbyy-p-value
	July 11th	June 3td	July 11th
260	0.0067	0.00612	0.060561
270	0.0977	0.09325	0.095454
280	0.0996	0.09171	0.123149
285	0.0144	0.01392	0.014855
290	0.0211	0.0204	0.01634
295	0.0245	0.02721	0.014015
300	0.0047	0.0054	0.001387
305	0.1753	0.17682	0.14671
310	0.1665	0.1625	0.145492
315	0.1419	0.13394	0.11722
320	0.1161	0.11295	0.140519
325	0.0129	0.0117	0.015483
330	0.0792	0.07746	0.133088
340	0.0609	0.06193	0.100905
350	0.0529	0.04918	0.11471
360	0.4795	0.99396	0.66506
380	0.2796	0.99511	0.654473
400	0.1679	0.1785	0.646505
420	0.1704	0.17115	0.639473
440	0.169	0.16167	0.634848
460	0.1318	0.14153	0.629017
480	0.1296	0.12857	0.626415
500	0.1221	0.12195	0.929268

P-value plot

