

446,9 MeV			comes from gyromagnetic momentum of Muon with SPK.			GeV/c <sup>2</sup>	MeV/c <sup>2</sup>	Compare mass kg				
4n <sup>2</sup>	PK1 itself	PK2 in n=2	Braking mass	Movement mass	both in MeV	MPK	Internal mass kg by		5,200224E+14	debit from above		
Head Level n	Level L	Quantity	m in kg	M PK in kg	SRT-Factor	Momentum mass-res.	Dilatation onto:	Differences:	Complete mass	Addition step by step.	5,200224E+14	actual from below
1 s		1	7,9668E-28	5,95E+11	874,55	<b>390838,4</b>	0,51100308		5,9461E+11	5,946141587E+11	<b>5,2002E+14</b>	
2 s		4	8,3470E-28	5,68E+11	874,55	<b>409489,6</b>	0,535	18651,2	2,2701E+12	2,864738095E+12	5,1943E+14	In addition
2 p		12	8,7453E-28	5,42E+11	874,55	429030,9	0,561	19541,3	6,5002E+12	9,364914655E+12	5,1716E+14	vice versa from
3 3s		4	9,1626E-28	5,17E+11	874,55	449504,7	0,588	20473,8	2,0680E+12	1,143295130E+13	5,1066E+14	a comparable
3 3p		12	9,5999E-28	4,93E+11	874,55	470955,5	0,616	21450,8	5,9215E+12	1,735447966E+13	5,0859E+14	Small Bang.
3 3d		20	1,0058E-27	4,71E+11	874,55	493430,0	0,645	22474,5	9,4197E+12	2,677417582E+13	5,0267E+14	
4 4s		4	1,0360E-27	4,57E+11	874,55	508232,9	0,664	14802,9	1,8291E+12	2,860324304E+13	4,9325E+14	
4 4p		12	1,0671E-27	4,44E+11	874,55	523479,9	0,684	15247,0	5,3274E+12	3,393062327E+13	4,9142E+14	
4 4d		20	1,0991E-27	4,31E+11	874,55	539184,3	0,705	15704,4	8,6204E+12	4,255097964E+13	4,8609E+14	
4 4f		28	1,1320E-27	4,18E+11	874,55	555359,8	0,726	16175,5	1,1717E+13	5,426796889E+13	4,7747E+14	
5 s		4	1,1660E-27	4,06E+11	874,55	572020,6	0,748	16660,8	1,6251E+12	5,589307142E+13	4,6575E+14	
5 p		12	1,2010E-27	3,94E+11	874,55	589181,2	0,770	17160,6	4,7333E+12	6,062637976E+13	4,6413E+14	
5 d		20	1,2370E-27	3,83E+11	874,55	606856,6	0,793	17675,4	7,6591E+12	6,828545474E+13	4,5940E+14	
5 f		28	1,2741E-27	3,72E+11	874,55	625062,3	0,817	18205,7	1,0410E+13	7,869584792E+13	4,5174E+14	
5 g		36	1,3123E-27	3,61E+11	874,55	643814,2	0,842	18751,9	1,2995E+13	9,169079087E+13	4,4133E+14	
6 s		4	1,3517E-27	3,50E+11	874,55	663128,6	0,867	19314,4	1,4018E+12	9,309261859E+13	4,2833E+14	
6 p		12	1,3923E-27	3,40E+11	874,55	683022,5	0,893	19893,9	4,0830E+12	9,717561194E+13	4,2693E+14	
6 d		20	1,4340E-27	3,30E+11	874,55	703513,2	0,920	20490,7	6,6068E+12	1,037823973E+14	4,2285E+14	
6 f		28	1,4770E-27	3,21E+11	874,55	7,25E+05	0,947	21105,4	8,9801E+12	1,127624939E+14	4,1624E+14	
6 g		36	1,5214E-27	3,11E+11	874,55	7,46E+05	0,976	2,17E+04	1,1210E+13	1,239720458E+14	4,0726E+14	
6 h		44	1,5670E-27	3,02E+11	874,55	7,69E+05	1,005	2,24E+04	1,3302E+13	1,372735638E+14	3,9605E+14	
7		4	1,6140E-27	2,94E+11	874,55	7,92E+05	1,035	2,31E+04	1,1740E+12	1,384475724E+14	3,8275E+14	
7		12	1,6624E-27	2,85E+11	874,55	8,16E+05	1,066	2,38E+04	3,4194E+12	1,418670151E+14	3,8157E+14	
7		20	1,7123E-27	2,77E+11	874,55	8,40E+05	1,098	2,45E+04	5,5331E+12	1,474000938E+14	3,7816E+14	
7		28	1,7637E-27	2,69E+11	874,55	8,65E+05	1,131	2,52E+04	7,5207E+12	1,549207833E+14	3,7262E+14	
7		36	1,8166E-27	2,61E+11	874,55	8,91E+05	1,165	2,60E+04	9,3878E+12	1,643086066E+14	3,6510E+14	
7		44	1,8711E-27	2,53E+11	874,55	9,18E+05	1,200	2,67E+04	1,1140E+13	1,754484185E+14	3,5571E+14	
7		52	1,9272E-27	2,46E+11	874,55	9,45E+05	etc.	2,75E+04	1,2782E+13	1,882301973E+14	3,4457E+14	
8		4	1,9850E-27	2,39E+11	874,55	9,74E+05		2,84E+04	9,5458E+11	1,891847738E+14	3,3179E+14	
8		12	2,0446E-27	2,32E+11	874,55	1,00E+06		2,92E+04	2,7803E+12	1,919650936E+14	3,3084E+14	
8		20	2,1059E-27	2,25E+11	874,55	1,03E+06		3,01E+04	4,4989E+12	1,964639929E+14	3,2806E+14	
8		28	2,1691E-27	2,18E+11	874,55	1,06E+06		3,10E+04	6,1150E+12	2,025790017E+14	3,2356E+14	
8		36	2,2342E-27	2,12E+11	874,55	1,10E+06		3,19E+04	7,6332E+12	2,102121612E+14	3,1744E+14	
8		44	2,3012E-27	2,06E+11	874,55	1,13E+06		3,29E+04	9,0577E+12	2,192698476E+14	3,0981E+14	
8		52	2,3702E-27	2,00E+11	874,55	1,16E+06		3,39E+04	1,0393E+13	2,296626035E+14	3,0075E+14	
8		60	2,4413E-27	1,94E+11	874,55	1,20E+06		3,49E+04	1,1642E+13	2,413049738E+14	2,9036E+14	
9		4	2,5146E-27	1,88E+11	874,55	1,23E+06		3,59E+04	7,5355E+11	2,420585253E+14	2,7872E+14	
9		12	2,5900E-27	1,83E+11	874,55	1,27E+06		3,70E+04	2,1948E+12	2,442533354E+14	2,7796E+14	
9		20	2,6677E-27	1,78E+11	874,55	1,31E+06		3,81E+04	3,5515E+12	2,478048081E+14	2,7577E+14	
9		28	2,7477E-27	1,72E+11	874,55	1,35E+06		3,93E+04	4,8272E+12	2,526320525E+14	2,7222E+14	
9		36	2,8302E-27	1,67E+11	874,55	1,39E+06		4,04E+04	6,0257E+12	2,586577390E+14	2,6739E+14	
9		44	2,9151E-27	1,63E+11	874,55	1,43E+06		4,17E+04	7,1502E+12	2,658079604E+14	2,6136E+14	
9		52	3,0025E-27	1,58E+11	874,55	1,47E+06		4,29E+04	8,2041E+12	2,740120978E+14	2,5421E+14	
9		60	3,0926E-27	1,53E+11	874,55	1,52E+06		4,42E+04	9,1906E+12	2,832026924E+14	2,4601E+14	
9		68	3,1854E-27	1,49E+11	874,55	1,56E+06		4,55E+04	1,0113E+13	2,933153208E+14	2,3682E+14	
10		4	3,2810E-27	1,44E+11	874,55	1,61E+06		4,69E+04	5,7753E+11	2,938928553E+14	2,2671E+14	
10		12	3,3794E-27	1,40E+11	874,55	1,66E+06		4,83E+04	1,6821E+12	2,955749945E+14	2,2613E+14	
10		20	3,4808E-27	1,36E+11	874,55	1,71E+06		4,97E+04	2,7219E+12	2,982969026E+14	2,2445E+14	
10		28	3,5852E-27	1,32E+11	874,55	1,76E+06		5,12E+04	3,6997E+12	3,019965835E+14	2,2173E+14	
10		36	3,6927E-27	1,28E+11	874,55	1,81E+06		5,28E+04	4,6182E+12	3,066147704E+14	2,1803E+14	
10		44	3,8035E-27	1,25E+11	874,55	1,87E+06		5,43E+04	5,4800E+12	3,120948197E+14	2,1341E+14	
10		52	3,9176E-27	1,21E+11	874,55	1,92E+06		5,60E+04	6,2878E+12	3,183826079E+14	2,0793E+14	
10		60	4,0352E-27	1,17E+11	874,55	1,98E+06		5,77E+04	7,0438E+12	3,254264334E+14	2,0164E+14	
10		68	4,1562E-27	1,14E+11	874,55	2,04E+06		5,94E+04	7,7505E+12	3,331769210E+14	1,9460E+14	

10	76	4,2809E-27	1,11E+11	874,55	2,10E+06	6,12E+04	8,4100E+12	3,415869304E+14	1,8685E+14
11	4	4,4093E-27	1,07E+11	874,55	2,16E+06	6,30E+04	4,2974E+11	3,420166703E+14	1,7844E+14
11	12	4,5416E-27	1,04E+11	874,55	2,23E+06	6,49E+04	1,2517E+12	3,432683398E+14	1,7801E+14
11	20	4,6779E-27	1,01E+11	874,55	2,29E+06	6,68E+04	2,0254E+12	3,452936951E+14	1,7675E+14
11	28	4,8182E-27	9,83E+10	874,55	2,36E+06	6,88E+04	2,7529E+12	3,480466051E+14	1,7473E+14
11	36	4,9627E-27	9,55E+10	874,55	2,43E+06	7,09E+04	3,4364E+12	3,514829700E+14	1,7198E+14
11	44	5,1116E-27	9,27E+10	874,55	2,51E+06	7,30E+04	4,0777E+12	3,555606413E+14	1,6854E+14
11	52	5,2650E-27	9,00E+10	874,55	2,58E+06	7,52E+04	4,6787E+12	3,602393462E+14	1,6446E+14
11	60	5,4229E-27	8,74E+10	874,55	2,66E+06	7,75E+04	5,2413E+12	3,654806139E+14	1,5978E+14
11	68	5,5856E-27	8,48E+10	874,55	2,74E+06	7,98E+04	5,7671E+12	3,712477046E+14	1,5454E+14
11	76	5,7532E-27	8,23E+10	874,55	2,82E+06	8,22E+04	6,2578E+12	3,775055414E+14	1,4877E+14
11	84	5,9258E-27	7,99E+10	874,55	2,91E+06	8,47E+04	6,7151E+12	3,842206447E+14	1,4252E+14
12	4	6,1035E-27	7,76E+10	874,55	2,99E+06	8,72E+04	3,1045E+11	3,845310980E+14	1,3580E+14
12	12	6,2866E-27	7,54E+10	874,55	3,08E+06	8,98E+04	9,0423E+11	3,854353307E+14	1,3549E+14
12	20	6,4752E-27	7,32E+10	874,55	3,18E+06	9,25E+04	1,4632E+12	3,868984904E+14	1,3459E+14
12	28	6,6695E-27	7,10E+10	874,55	3,27E+06	9,53E+04	1,9888E+12	3,888872512E+14	1,3312E+14
12	36	6,8696E-27	6,90E+10	874,55	3,37E+06	9,82E+04	2,4825E+12	3,913697543E+14	1,3114E+14
12	44	7,0757E-27	6,69E+10	874,55	3,47E+06	1,01E+05	2,9458E+12	3,943155508E+14	1,2865E+14
12	52	7,2879E-27	6,50E+10	874,55	3,58E+06	1,04E+05	3,3800E+12	3,976955468E+14	1,2571E+14
12	60	7,5066E-27	6,31E+10	874,55	3,68E+06	1,07E+05	3,7864E+12	4,014819501E+14	1,2233E+14
12	68	7,7318E-27	6,13E+10	874,55	3,79E+06	1,10E+05	4,1663E+12	4,056482191E+14	1,1854E+14
12	76	7,9637E-27	5,95E+10	874,55	3,91E+06	1,14E+05	4,5208E+12	4,101690135E+14	1,1437E+14
12	84	8,2026E-27	5,78E+10	874,55	4,02E+06	1,17E+05	4,8511E+12	4,150201471E+14	1,0985E+14
12	92	8,4487E-27	5,61E+10	874,55	4,14E+06	1,21E+05	5,1584E+12	4,201785415E+14	1,0500E+14
13	4	8,7022E-27	5,44E+10	874,55	4,27E+06	1,24E+05	2,1775E+11	4,203962872E+14	9,9844E+13
13	12	8,9633E-27	5,29E+10	874,55	4,40E+06	1,28E+05	6,3421E+11	4,210304978E+14	9,9626E+13
13	20	9,2322E-27	5,13E+10	874,55	4,53E+06	1,32E+05	1,0262E+12	4,220567286E+14	9,8992E+13
13	28	9,5091E-27	4,98E+10	874,55	4,67E+06	1,36E+05	1,3949E+12	4,234516054E+14	9,7966E+13
13	36	9,7944E-27	4,84E+10	874,55	4,80E+06	1,40E+05	1,7412E+12	4,251927831E+14	9,6571E+13
13	44	1,0088E-26	4,70E+10	874,55	4,95E+06	1,44E+05	2,0661E+12	4,272589055E+14	9,4830E+13
13	52	1,0391E-26	4,56E+10	874,55	5,10E+06	1,48E+05	2,3707E+12	4,296295667E+14	9,2763E+13
13	60	1,0703E-26	4,43E+10	874,55	5,25E+06	1,53E+05	2,6557E+12	4,322852738E+14	9,0393E+13
13	68	1,1024E-26	4,30E+10	874,55	5,41E+06	1,58E+05	2,9221E+12	4,352074110E+14	8,7737E+13
13	76	1,1354E-26	4,17E+10	874,55	5,57E+06	1,62E+05	3,1708E+12	4,383782053E+14	8,4815E+13
13	84	1,1695E-26	4,05E+10	874,55	5,74E+06	1,67E+05	3,4025E+12	4,417806928E+14	8,1644E+13
13	92	1,2046E-26	3,93E+10	874,55	5,91E+06	1,72E+05	3,6180E+12	4,453986868E+14	7,8242E+13
13	100	1,2407E-26	3,82E+10	874,55	6,09E+06	1,77E+05	3,8181E+12	4,492167473E+14	7,4624E+13
14	4	1,2779E-26	3,71E+10	874,55	6,27E+06	1,83E+05	1,4827E+11	4,493650215E+14	7,0806E+13
14	12	1,3163E-26	3,60E+10	874,55	6,46E+06	1,88E+05	4,3187E+11	4,497968881E+14	7,0657E+13
14	20	1,3558E-26	3,49E+10	874,55	6,65E+06	1,94E+05	6,9881E+11	4,504957013E+14	7,0225E+13
14	28	1,3964E-26	3,39E+10	874,55	6,85E+06	2,00E+05	9,4984E+11	4,514455445E+14	6,9527E+13
14	36	1,4383E-26	3,29E+10	874,55	7,06E+06	2,06E+05	1,1857E+12	4,526312018E+14	6,8577E+13
14	44	1,4815E-26	3,20E+10	874,55	7,27E+06	2,12E+05	1,4069E+12	4,540381306E+14	6,7391E+13
14	52	1,5259E-26	3,10E+10	874,55	7,49E+06	2,18E+05	1,6143E+12	4,556524355E+14	6,5984E+13
14	60	1,5717E-26	3,01E+10	874,55	7,71E+06	2,25E+05	1,8084E+12	4,574608428E+14	6,4370E+13
14	68	1,6189E-26	2,93E+10	874,55	7,94E+06	2,31E+05	1,9898E+12	4,594506761E+14	6,2562E+13
14	76	1,6674E-26	2,84E+10	874,55	8,18E+06	2,38E+05	2,1592E+12	4,616098327E+14	6,0572E+13
14	84	1,7175E-26	2,76E+10	874,55	8,43E+06	2,45E+05	2,3169E+12	4,639267611E+14	5,8413E+13
14	92	1,7690E-26	2,68E+10	874,55	8,68E+06	2,53E+05	2,4637E+12	4,663904390E+14	5,6096E+13
14	100	1,8220E-26	2,60E+10	874,55	8,94E+06	2,60E+05	2,5999E+12	4,689903524E+14	5,3632E+13
14	108	1,8767E-26	2,52E+10	874,55	9,21E+06	2,68E+05	2,7261E+12	4,717164752E+14	5,1032E+13
15	4	1,9330E-26	2,45E+10	874,55	9,48E+06	2,76E+05	9,8027E+10	4,718145019E+14	4,8306E+13
15	12	1,9910E-26	2,38E+10	874,55	9,77E+06	2,84E+05	2,8551E+11	4,721000166E+14	4,8208E+13
15	20	2,0507E-26	2,31E+10	874,55	1,01E+07	2,93E+05	4,6200E+11	4,725620144E+14	4,7922E+13
15	28	2,1122E-26	2,24E+10	874,55	1,04E+07	3,02E+05	6,2796E+11	4,731899727E+14	4,7460E+13
15	36	2,1756E-26	2,18E+10	874,55	1,07E+07	3,11E+05	7,8386E+11	4,739738318E+14	4,6832E+13
15	44	2,2409E-26	2,11E+10	874,55	1,10E+07	3,20E+05	9,3015E+11	4,749039775E+14	4,6049E+13
15	52	2,3081E-26	2,05E+10	874,55	1,13E+07	3,30E+05	1,0672E+12	4,759712233E+14	4,5118E+13

15	60	2,3774E-26	1,99E+10	874,55	1,17E+07	3,40E+05	1,1956E+12	4,771667935E+14	4,4051E+13
15	68	2,4487E-26	1,93E+10	874,55	1,20E+07	3,50E+05	1,3155E+12	4,784823077E+14	4,2856E+13
15	76	2,5221E-26	1,88E+10	874,55	1,24E+07	3,60E+05	1,4275E+12	4,799097646E+14	4,1540E+13
15	84	2,5978E-26	1,82E+10	874,55	1,27E+07	3,71E+05	1,5318E+12	4,814415272E+14	4,0113E+13
15	92	2,6757E-26	1,77E+10	874,55	1,31E+07	3,82E+05	1,6288E+12	4,830703086E+14	3,8581E+13
15	100	2,7560E-26	1,72E+10	874,55	1,35E+07	3,94E+05	1,7188E+12	4,847891576E+14	3,6952E+13
15	108	2,8387E-26	1,67E+10	874,55	1,39E+07	4,06E+05	1,8023E+12	4,865914459E+14	3,5233E+13
15	116	2,9238E-26	1,62E+10	874,55	1,43E+07	4,18E+05	1,8794E+12	4,884708548E+14	3,3431E+13
16	4	3,0116E-26	1,57E+10	874,55	1,48E+07	4,30E+05	6,2920E+10	4,885337744E+14	3,1552E+13
16	12	3,1019E-26	1,53E+10	874,55	1,52E+07	4,43E+05	1,8326E+11	4,887170354E+14	3,1489E+13
16	20	3,1950E-26	1,48E+10	874,55	1,57E+07	4,57E+05	2,9654E+11	4,890135742E+14	3,1305E+13
16	28	3,2908E-26	1,44E+10	874,55	1,61E+07	4,70E+05	4,0306E+11	4,894166368E+14	3,1009E+13
16	36	3,3895E-26	1,40E+10	874,55	1,66E+07	4,84E+05	5,0313E+11	4,899197661E+14	3,0606E+13
16	44	3,4912E-26	1,36E+10	874,55	1,71E+07	4,99E+05	5,9703E+11	4,905167912E+14	3,0103E+13
16	52	3,5960E-26	1,32E+10	874,55	1,76E+07	5,14E+05	6,8502E+11	4,912018157E+14	2,9506E+13
16	60	3,7038E-26	1,28E+10	874,55	1,82E+07	5,29E+05	7,6739E+11	4,919692067E+14	2,8821E+13
16	68	3,8150E-26	1,24E+10	874,55	1,87E+07	5,45E+05	8,4438E+11	4,928135852E+14	2,8053E+13
16	76	3,9294E-26	1,21E+10	874,55	1,93E+07	5,61E+05	9,1623E+11	4,937298155E+14	2,7209E+13
16	84	4,0473E-26	1,17E+10	874,55	1,99E+07	5,78E+05	9,8318E+11	4,947129956E+14	2,6293E+13
16	92	4,1687E-26	1,14E+10	874,55	2,05E+07	5,96E+05	1,0455E+12	4,957584484E+14	2,5309E+13
16	100	4,2938E-26	1,10E+10	874,55	2,11E+07	6,14E+05	1,1033E+12	4,968617122E+14	2,4264E+13
16	108	4,4226E-26	1,07E+10	874,55	2,17E+07	6,32E+05	1,1568E+12	4,980185324E+14	2,3161E+13
16	116	4,5553E-26	1,04E+10	874,55	2,23E+07	6,51E+05	1,2063E+12	4,992248535E+14	2,2004E+13
16	124	4,6919E-26	1,01E+10	874,55	2,30E+07	6,70E+05	1,2520E+12	5,004768104E+14	2,0798E+13
17	4	4,8327E-26	9,80E+09	874,55	2,37E+07	6,91E+05	3,9209E+10	5,005160198E+14	1,9546E+13
17	12	4,9777E-26	9,52E+09	874,55	2,44E+07	7,11E+05	1,1420E+11	5,006302220E+14	1,9506E+13
17	20	5,1270E-26	9,24E+09	874,55	2,52E+07	7,33E+05	1,8479E+11	5,008150152E+14	1,9392E+13
17	28	5,2808E-26	8,97E+09	874,55	2,59E+07	7,55E+05	2,5118E+11	5,010661904E+14	1,9207E+13
17	36	5,4392E-26	8,71E+09	874,55	2,67E+07	7,77E+05	3,1353E+11	5,013797240E+14	1,8956E+13
17	44	5,6024E-26	8,46E+09	874,55	2,75E+07	8,01E+05	3,7205E+11	5,017517703E+14	1,8643E+13
17	52	5,7705E-26	8,21E+09	874,55	2,83E+07	8,25E+05	4,2688E+11	5,021786549E+14	1,8271E+13
17	60	5,9436E-26	7,97E+09	874,55	2,92E+07	8,49E+05	4,7821E+11	5,026568676E+14	1,7844E+13
17	68	6,1219E-26	7,74E+09	874,55	3,00E+07	8,75E+05	5,2619E+11	5,031830564E+14	1,7366E+13
17	76	6,3055E-26	7,51E+09	874,55	3,09E+07	9,01E+05	5,7096E+11	5,037540208E+14	1,6839E+13
17	84	6,4947E-26	7,29E+09	874,55	3,19E+07	9,28E+05	6,1269E+11	5,043667062E+14	1,6268E+13
17	92	6,6896E-26	7,08E+09	874,55	3,28E+07	9,56E+05	6,5149E+11	5,050181978E+14	1,5656E+13
17	100	6,8902E-26	6,88E+09	874,55	3,38E+07	9,85E+05	6,8752E+11	5,057057153E+14	1,5004E+13
17	108	7,0969E-26	6,67E+09	874,55	3,48E+07	1,01E+06	7,2089E+11	5,064266074E+14	1,4317E+13
17	116	7,3099E-26	6,48E+09	874,55	3,59E+07	1,04E+06	7,5174E+11	5,071783468E+14	1,3596E+13
17	124	7,5292E-26	6,29E+09	874,55	3,69E+07	1,08E+06	7,8018E+11	5,079585250E+14	1,2844E+13
17	132	7,7550E-26	6,11E+09	874,55	3,80E+07	1,11E+06	8,0632E+11	5,087648475E+14	1,2064E+13
18	4	7,9877E-26	5,93E+09	874,55	3,92E+07	1,14E+06	2,3722E+10	5,087885698E+14	1,1258E+13
18	12	8,2273E-26	5,76E+09	874,55	4,04E+07	1,18E+06	6,9094E+10	5,088576641E+14	1,1234E+13
18	20	8,4741E-26	5,59E+09	874,55	4,16E+07	1,21E+06	1,1180E+11	5,089694670E+14	1,1165E+13
18	28	8,7283E-26	5,43E+09	874,55	4,28E+07	1,25E+06	1,5197E+11	5,091214321E+14	1,1053E+13
18	36	8,9902E-26	5,27E+09	874,55	4,41E+07	1,28E+06	1,8969E+11	5,093111251E+14	1,0901E+13
18	44	9,2599E-26	5,12E+09	874,55	4,54E+07	1,32E+06	2,2509E+11	5,095362193E+14	1,0711E+13
18	52	9,5377E-26	4,97E+09	874,55	4,68E+07	1,36E+06	2,5827E+11	5,097944914E+14	1,0486E+13
18	60	9,8238E-26	4,82E+09	874,55	4,82E+07	1,40E+06	2,8933E+11	5,100838180E+14	1,0228E+13
18	68	1,0119E-25	4,68E+09	874,55	4,96E+07	1,45E+06	3,1835E+11	5,104021709E+14	9,9386E+12
18	76	1,0422E-25	4,55E+09	874,55	5,11E+07	1,49E+06	3,4544E+11	5,107476137E+14	9,6202E+12
18	84	1,0735E-25	4,41E+09	874,55	5,27E+07	1,53E+06	3,7068E+11	5,111182984E+14	9,2748E+12
18	92	1,1057E-25	4,28E+09	874,55	5,42E+07	1,58E+06	3,9416E+11	5,115124616E+14	8,9041E+12
18	100	1,1389E-25	4,16E+09	874,55	5,59E+07	1,63E+06	4,1596E+11	5,119284210E+14	8,5099E+12
18	108	1,1730E-25	4,04E+09	874,55	5,75E+07	1,68E+06	4,3615E+11	5,123645726E+14	8,0940E+12
18	116	1,2082E-25	3,92E+09	874,55	5,93E+07	1,73E+06	4,5481E+11	5,128193873E+14	7,6578E+12
18	124	1,2445E-25	3,81E+09	874,55	6,11E+07	1,78E+06	4,7202E+11	5,132914079E+14	7,2030E+12
18	132	1,2818E-25	3,70E+09	874,55	6,29E+07	1,83E+06	4,8784E+11	5,137792463E+14	6,7310E+12

18	140	1,3202E-25	3,59E+09	874,55	6,48E+07	1,89E+06	5,0233E+11	5,142815806E+14	6,2431E+12
19 s	4	1,3598E-25	3,48E+09	874,55	6,67E+07	1,94E+06	1,3934E+10	5,142955150E+14	5,7408E+12
19 p	12	1,4006E-25	3,38E+09	874,55	6,87E+07	2,00E+06	4,0586E+10	5,143361006E+14	5,7269E+12
19 d	20	1,4427E-25	3,28E+09	874,55	7,08E+07	2,06E+06	6,5672E+10	5,144017730E+14	5,6863E+12
19 f	28	1,4859E-25	3,19E+09	874,55	7,29E+07	2,12E+06	8,9264E+10	5,144910365E+14	5,6206E+12
19 g	36	1,5305E-25	3,10E+09	874,55	7,51E+07	2,19E+06	1,1142E+11	5,146024611E+14	5,5313E+12
19 h	44	1,5764E-25	3,00E+09	874,55	7,73E+07	2,25E+06	1,3222E+11	5,147346802E+14	5,4199E+12
19 i	52	1,6237E-25	2,92E+09	874,55	7,97E+07	2,32E+06	1,5171E+11	5,148863879E+14	5,2877E+12
19 k	60	1,6724E-25	2,83E+09	874,55	8,20E+07	2,39E+06	1,6995E+11	5,150563368E+14	5,1360E+12
19 l	68	1,7226E-25	2,75E+09	874,55	8,45E+07	2,46E+06	1,8700E+11	5,152433355E+14	4,9660E+12
19 m	76	1,7743E-25	2,67E+09	874,55	8,70E+07	2,54E+06	2,0291E+11	5,154462468E+14	4,7790E+12
19 n	84	1,8275E-25	2,59E+09	874,55	8,97E+07	2,61E+06	2,1774E+11	5,156639850E+14	4,5761E+12
19 o	92	1,8823E-25	2,52E+09	874,55	9,23E+07	2,69E+06	2,3153E+11	5,158955143E+14	4,3584E+12
19 p	100	1,9388E-25	2,44E+09	874,55	9,51E+07	2,77E+06	2,4433E+11	5,161398466E+14	4,1269E+12
19 q	108	1,9970E-25	2,37E+09	874,55	9,80E+07	2,85E+06	2,5619E+11	5,163960397E+14	3,8825E+12
19 r	116	2,0569E-25	2,30E+09	874,55	1,01E+08	2,94E+06	2,6716E+11	5,166631954E+14	3,6263E+12
19 s	124	2,1186E-25	2,24E+09	874,55	1,04E+08	3,03E+06	2,7726E+11	5,169404578E+14	3,3592E+12
19 t	132	2,1822E-25	2,17E+09	874,55	1,07E+08	3,12E+06	2,8655E+11	5,172270114E+14	3,0819E+12
19 u	140	2,2476E-25	2,11E+09	874,55	1,10E+08	3,21E+06	2,9507E+11	5,175220799E+14	2,7954E+12
<b>19 v</b>	<b>148</b>	<b>2,3151E-25</b>	<b>2,05E+09</b>	<b>874,55</b>	<b>1,14E+08</b>	<b>3,31E+06</b>	<b>3,0284E+11</b>	<b>5,178249241E+14</b>	<b>2,5003E+12</b> Muon
20 s	4	2,3845E-25	1,99E+09	874,55	1,17E+08	3,41E+06	7,9466E+09	5,178328707E+14	2,1975E+12
20 p	12	2,4560E-25	1,93E+09	874,55	1,20E+08	3,51E+06	2,3145E+10	5,178560160E+14	2,1895E+12
20 d	20	2,5297E-25	1,87E+09	874,55	1,24E+08	3,61E+06	3,7452E+10	5,178934681E+14	2,1664E+12
20 f	28	2,6056E-25	1,82E+09	874,55	1,28E+08	3,72E+06	5,0906E+10	5,179443739E+14	2,1289E+12
20 g	36	2,6838E-25	1,77E+09	874,55	1,32E+08	3,83E+06	6,3544E+10	5,180079178E+14	2,0780E+12
20 h	44	2,7643E-25	1,71E+09	874,55	1,36E+08	3,95E+06	7,5403E+10	5,180833205E+14	2,0145E+12
20 i	52	2,8472E-25	1,66E+09	874,55	1,40E+08	4,07E+06	8,6517E+10	5,181698372E+14	1,9391E+12
20 k	60	2,9326E-25	1,62E+09	874,55	1,44E+08	4,19E+06	9,6919E+10	5,182667567E+14	1,8525E+12
20 l	68	3,0206E-25	1,57E+09	874,55	1,48E+08	4,32E+06	1,0664E+11	5,183733995E+14	1,7556E+12
20 m	76	3,1112E-25	1,52E+09	874,55	1,53E+08	4,45E+06	1,1572E+11	5,184891169E+14	1,6490E+12
20 n	84	3,2046E-25	1,48E+09	874,55	1,57E+08	4,58E+06	1,2417E+11	5,186132900E+14	1,5333E+12
20 o	92	3,3007E-25	1,44E+09	874,55	1,62E+08	4,72E+06	1,3204E+11	5,187453279E+14	1,4091E+12
20 p	100	3,3997E-25	1,39E+09	874,55	1,67E+08	4,86E+06	1,3934E+11	5,188846672E+14	1,2771E+12
20 q	108	3,5017E-25	1,35E+09	874,55	1,72E+08	5,00E+06	1,4610E+11	5,190307706E+14	1,1377E+12
20 r	116	3,6068E-25	1,31E+09	874,55	1,77E+08	5,15E+06	1,5236E+11	5,191831257E+14	9,9161E+11
20 s	124	3,7150E-25	1,28E+09	874,55	1,82E+08	5,31E+06	1,5812E+11	5,193412446E+14	8,3926E+11
20 t	132	3,8264E-25	1,24E+09	874,55	1,88E+08	5,47E+06	1,6342E+11	5,195046621E+14	6,8114E+11
20 u	140	3,9412E-25	1,20E+09	874,55	1,93E+08	5,63E+06	1,6827E+11	5,196729355E+14	5,1772E+11
20 v	148	4,0595E-25	1,17E+09	874,55	1,99E+08	5,80E+06	1,7271E+11	5,198456434E+14	3,4945E+11
20 w	156	4,1812E-25	1,13E+09	874,55	2,05E+08	5,97E+06	1,7674E+11	5,200223845E+14	<b>1,7674E+11</b> close to Tau-lepton

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