

MESONS

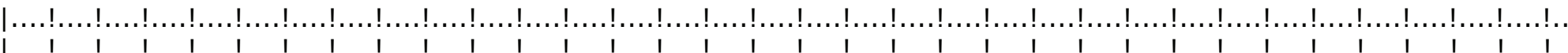
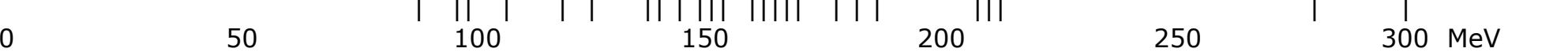
anti is 2nd

0 not shown

+= +1

- = -1

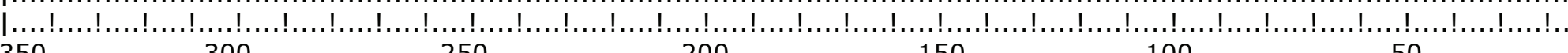
da1-da2 138..217 139.252 ub1-ub1 181.847 db1-db1 da1-sa4
 +ub1-db2 125.023 139.838 da1-db2 186.979 db1-sa4
 ua1-ub1 db2-db2 120.136 144.683 +ub1-da1 211.306 sa4-sa4
 +ub1-da2 +ua1-db2 ua1-ua1 108.124 148.513 +ua1-da1 213.550 sb4-da2 280.849 sb4-sa4
 db2-da2 99.502 db1-da2 151.478 161.819 sa4-db2 222.345 sb4-db2 303.685 sb4-sb4
 +ua1-da2 96.625 +ua1-db1 153.715 162.766+ub1-db1;163.552 da1-da1
 da2-da2 84.545 db1-db2 161.108 166.674 sa4-da2;167.215 +ua1-sa4



534.074 sb2-sa1;534.162 sb4-sb1 + sb1-ua1 sb1-db1 511.370;sb1-db2 511856 365.540 sb2-da2
 582.354 sa1-sa1 516.703 sb1-da2 sb1.sa4 506.484 367.080 sb2-db2
 590.573 sb2-sb1 515.995 sb1-da1 sa1-sa4 476.277 375.920 sb2-sa4
 629.143 sb1-sa1 512.760 sb1-ub1 -1 sb4-sa1 472.503 sb4-sb2 412.124
 469.139 sb2-sb2;470.760 sa1-ua1 -1 sa1-db1 445.670;da2-sa1 442.845
 672.476 sb1-sb1 463.688 sa1-db1 sa1-da1 446.494;da1-sa1 448.494
 451.009 db2-sa1;451.585 +ua1-sa1 +ub1-sa1 450.499

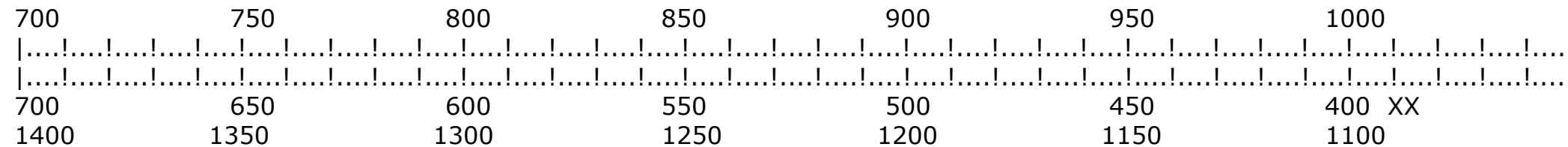
+ub1-sa1 450.499 451.009 db2-sa1;451.585 +ua1-sa1
 sa1-da1 446.494;da1-sa1 448.494 463.688 sa1-db1

sa1-db1 445.670;da2-sa1 442.845 469.139 sb2-sb2;470.760 sa1-ua1-1
 sb4-sb2 412.124 sb4-sa1 472.503 512.760 sb1-ub1-1 672.476 sb1-sb1
 375.920 sb2-sa4 sa1-sa4 476.277 515.995 sb1-da1 590.573 sb2-sb1 678.659 ua1-ua1,ua1-ua1
 367.080 sb2-db2 sb1.sa4 506.484 516.703 sb1-da2 582.354 sa1-sa1
 365.540 sb2-da2 sb1-ua1-1 & sb1-db1 511.370;sb1-db2 511856 534.074 sb2-sa1;534.162 sb4-sb1 629.143 sb1-sa1



166.674 sa4-da2;167.215 +ua1-sa4 db1-db2 161.108 da2-da2 84.545
 303.685 sb4-sb4 162.766+ub1-db1;163.552 da1-da1 +ua1-db1 153.715 +ua1-da2 96.625
 280.849 sb4-sa4 222.345 sb4-db2 161.819 sa4-db2 db1-da2 151.478 db2-da2 99.502
 213.550 sb4-da2 148.513 +ua1-da1 +ub1-da2 +ua1-db2 ua1-ua1 108.124
 211.306 sa4-sa4 144.683 +ub1-da1 ua1-ub1 db2-db2 120.136
 186.979 db1-sa4 139.838 da1-db2 +ub1-db2 125.023

181.847 db1-db1 da1-sa4 139.252 ub1-ub1 da1-da2 138..217 FOR TWICE-GROUPED MATCHES
 179.651 +ub1-sa4 da1-db1 170.807 TO 4 QUARK/QUARKLET MESONS



REST NOT NEEDED FOR LIGHT UNFLAVORED MESON SERIES---WILL BE NEEDED FOR MORE MASSIVE SERIES WHEN TRIED.

-- FOR CONVENIENT SELECTION OF FIRST MESON PAIR SETS THAT CAN BE FEASIBLE IN A PDG MESON MASS CALCULATION.

-- ALSO WORKS FOR DOUBLE AND TRIPLE PAIRS AS NEEDED. SEE NOTE: ONLY 2 VALUES COMBINE PER STEP CALC.

METHOD--COMPUTE ALL PAIRS' SUBMASSES PER LAW EQUATION FOR STEP ONE. MARK VALUE & IDENTIFY ON BOTH TOP & BOTTOM SCALES. PRINT, CUT SCALES APART & ADD DOUBLE LENGTHS. SLIDE SO ONE SUM EQUALS REQUIRED SUM

