

k=2, P=1

		Eta11	Eta12	Eta11*Eta11	Eta12*Eta12	Eta11*Eta12
N						
42	N(2000)	2011,04746789	2011,04746789	2011,04746789	2011,04746789	2011,04746789
42	Xi(2500)	2481,78371217	2481,78371217	2481,78371217	2481,78371217	2481,78371217

Match the table of Mr. Heim

Match the table of Mr. Heim

k=2, P=2

		Eta11	Eta12	Eta11*Eta11	Eta12*Eta12	Eta11*Eta12
N						
13	Sigma(1385)	1354,89748074	1358,86972066	1382,88804058	1389,68213977	1382,96772851
16	Sigma(1440)	1402,74434742	1410,38519626	1434,48530769	1450,61725389	1440,92775835
42	Sigma(1880)	1828,95929260	1826,77418643	1866,16099988	1886,08650985	1884,54802916
63	Sigma(2000)	2094,99673711	2093,19899755	2134,64296417	2156,60825480	2003,74785320
136	Sigma(3000)	2958,21423189	2965,30006859	2985,99968903	3001,06008080	2993,12498703

Match the table of Mr. Heim

Match the table of Mr. Heim

Match the table of Mr. Heim

Match the table of Mr. Heim

Match the table of Mr. Heim

k=2, P=3

The values are wrong, I'll do more calculations to detect the fault.