

Sheet1

run#	Tot # of events	# of events w/ single n (Nwn)	# of events w/o n (Nwon)
4118	1668482	9227	1659255
4119	2135901	11750	2124151
4133	1704331	8517	1695814
4134	1732490	8963	1723527
4135	1603604	8297	1595307
4137	800699	4138	796561
4144	1645667	8037	1637630
4145	1544605	7082	1537523
4146	510826	2285	508541
4153	1750657	26272	1724385
4154	1631436	7965	1623471
4155	1062048	5438	1056610
4166	214600	742	213858
4169	191592	756	190836
4170	429974	1560	428414
4171	1141113	6812	1134301
4172	650734	2867	647867
4173	354992	1802	353190
4174	953831	3761	950070
4175	299086	1226	297860
4176	144774	538	144236
4177	225877	2864	223013
4203	659050	8987	650063
4204	1636192	8330	1627862
totals	24692561	148216	24544345

Nnorm = 1.2154380336175E-010

$$N_{norm}^{uncor} = \frac{\left(\frac{N_{wn}}{N_{wn} + N_{won}}\right)^2}{4 \cdot \left(\frac{N_{wn}}{2}\right)} = 1.22 \cdot 10^{-10}$$