Random probability analysis of recent ^{48}Ca experiments

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A long experimental run was performed at the Dubna U400 Cyclotron Facility bombarding ^{249}Cf with ^{48}Ca aimed at producing isotopes of element 118. Recent independent data analysis of the information gathered during this experiment was performed at LLNL and shall be presented. Two interesting events shall be discussed in detail. The Monte Carlo random probability analysis developed at LLNL for such heavy element experiments was performed for these data and the implications from such analysis will be presented.

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