

Abstract Submitted
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Probabilistic aspects of isoscaling JORGE MUNOZ, JORGE LOPEZ,
The University of Texas at El Paso, CLAUDIO DORSO, Universidad de Buenos
Aires, CARLOS HERNANDEZ, Universidad Autonoma de Colima — The prob-
lem of isoscaling, found in nuclear reactions, was studied using simple probabilistic
arguments. Sampling two reservoirs containing different number of neutrons but
the same number of protons, produced isoscaling. The parameters alpha and beta
extracted from these results were found to depend on the number of protons and
neutrons in each reservoir. These results show that mere sampling is a major con-
tributor to isoscaling phenomena in nuclear reactions.

Jorge Munoz
The University of Texas at El Paso

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