Atmospheric Neutrinos at Super-Kamiokande

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Outline

ν_μ/ν_e Ratio measurements

Zenith angle rates

ν_μ - ν_τ oscillations

ν_μ - ν_s oscillations

Updates since June 1998

DATA

736 Days of Fully Contained Data ← previously 535 Days

685 Days of Partially Contained Data ← previously 535 Days

Monte Carlo

Generated new 20 year sample ← previous sample 10 years

DIS use GRV 1994 PDF ← previously CCFR structure functions

Assume solar minimum ← previously solar average