



Seasonal Variations of the Unfolded Atmospheric Neutrino Spectrum with IceCube

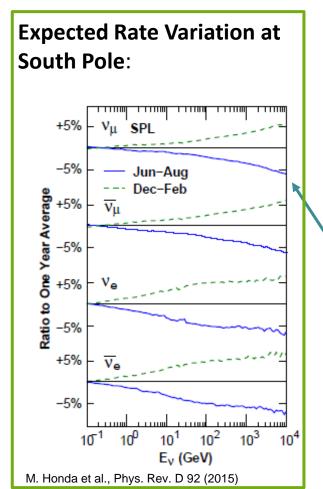
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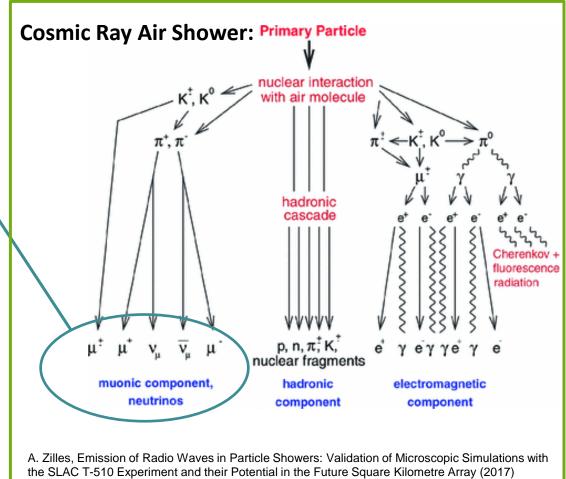






Seasonal Variation of Atmospheric Neutrinos











Can we observe seasonal variations on the energy spectrum?

Spectrum Reconstruction machine-learning-based unfolding

2 Uncertainty Treatment

Determination of seasonal variation by the flux ratio to the annual mean

