Number of atmospheric neutrino events  $10^{0}$  $10^{1}$  $10^{2}$  $10^{-48}$ SI discovery limit at 100 GeV [cm<sup>2</sup>] Xenon  $\frac{\delta\Phi_{\text{Atm}}}{2} = 25\%$  $\overline{\Phi}_{\mathrm{Atm}}$  $\frac{\delta\Phi_{\mathrm{Atm}}}{\Phi_{\mathrm{Atm}}} = 10\%$  $\nu$ -floor (2013) Nondirectional  $10^{-49}$ Stationary, A = 0.5Stationary, A = 0.75Stationary, A = 1Cygnus Tracking, A = 1Head-Tail, A = 1 $\overline{10^3}$  $10^{4}$  $10^1$  $10^2$ Exposure [ton year]