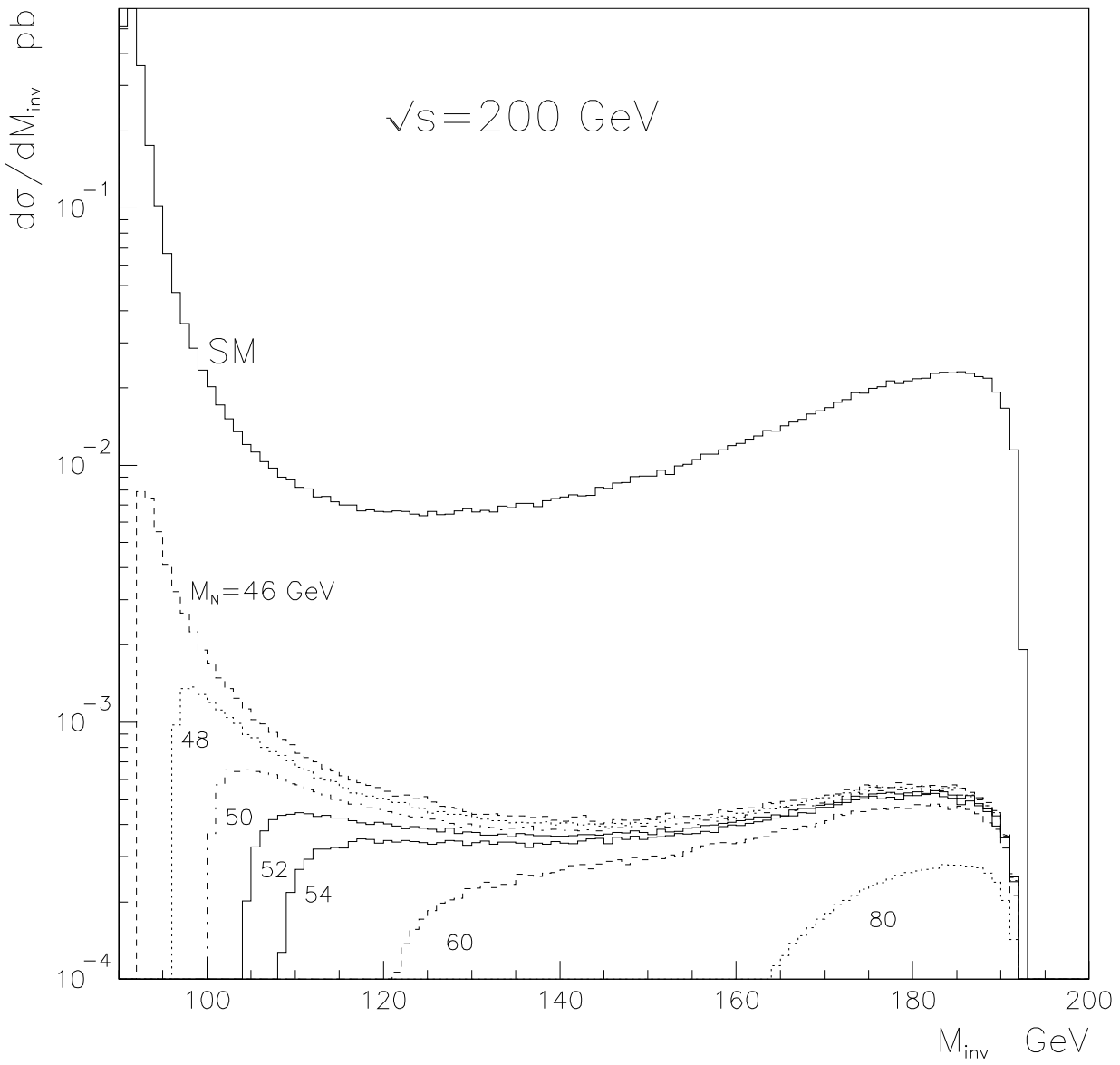
50 GeV neutrino at LEP-200

$$e^+e^- \to \gamma + \mathrm{N\bar{N}}$$



$d\sigma/dM_{inv}$ (in pb) for Standard Model and for the different values of m_N. Cuts applied: $|\cos\vartheta_\gamma| < 0.95$ and $p_T^\gamma > 0.0375\sqrt{s}$. The photon detection efficiency 74%.