Antineutrino energy minus positron energy vs cos θ $E_{\nu} = 2 \text{ MeV}$ $E_{\nu} = 3 \text{ MeV}$ 1.425 $E_{\nu} = 4 \text{ MeV}$ $E_{\nu} = 5 \text{ MeV}$ $E_{\nu} = 6 \text{ MeV}$ 1.400 $E_{\nu} = 7 \text{ MeV}$ \textit{E}_{e} [MeV] $E_{\nu} = 8 \text{ MeV}$ $E_{\nu} = 9 \text{ MeV}$ 1.375 1.350 1.325 1.300 -1.0-0.50.0 0.5 1.0 $\cos \theta$