$v_{\mu}$ e total cross-section at 1 GeV htemp 50000 **Entries** 1000000 4.142e-15 Mean RMS 3.784e-17 40000 30000 20000 10000 0 4.05 4.2 4.25 4.35 3.95 4.1 4.15 4.3 cross-section (GeV<sup>-2</sup>)