58. We obtain

$$\begin{aligned} Q &= (m_{\mathrm{V}} - m_{\mathrm{Ti}})\, c^2 - E_K \\ &= (48.94852\,\mathrm{u} - 48.94787\,\mathrm{u})\,(931.5\,\mathrm{MeV/u}) - 0.00547\,\mathrm{MeV} \\ &= 0.600\ \mathrm{MeV}\ . \end{aligned}$$