The graph shows the relationship between the interaction length in logarithmic scale and the energy level in logarithmic scale. The lines represent different cross sections, including $\sigma_{BH}$, $\sigma_{Mig}$, $\sigma_{\gamma A}$, and $\sigma_{Mig} + \sigma_{\gamma A}$. The y-axis represents the log base 10 of the interaction length in meters, ranging from 0 to 5. The x-axis represents the log base 10 of the energy level in eV, ranging from 10 to 26.