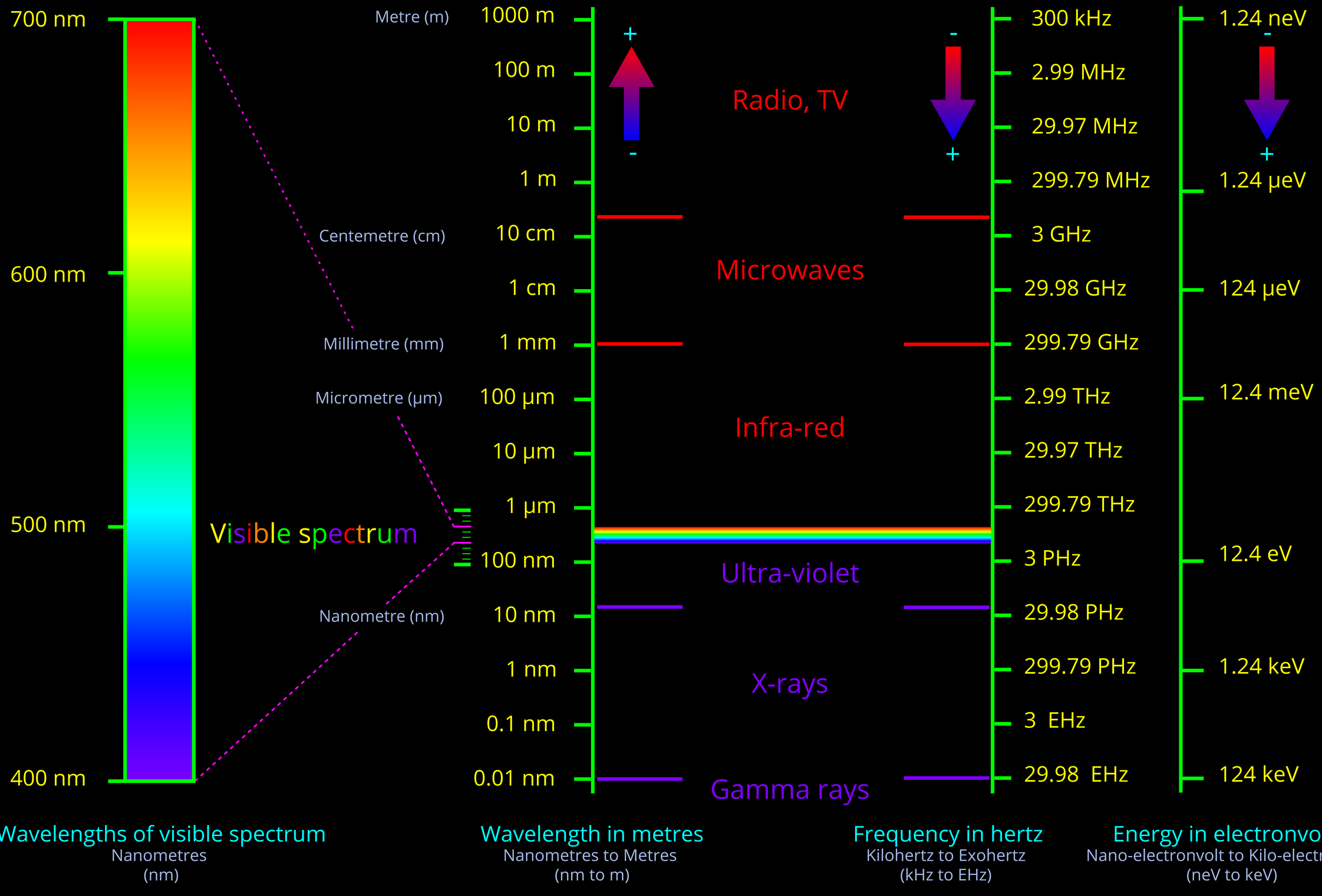# ELECTROMAGNETIC SPECTRUM