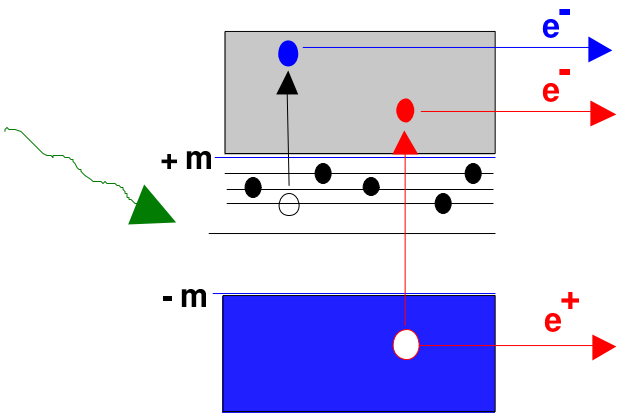
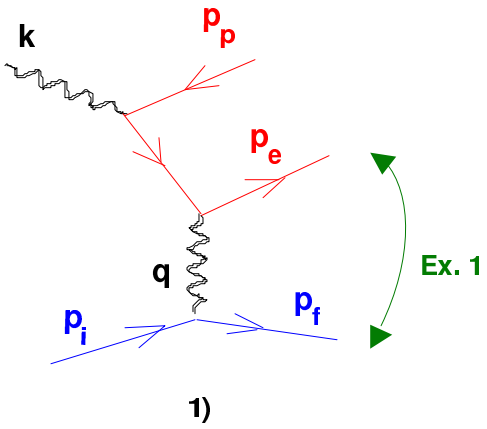
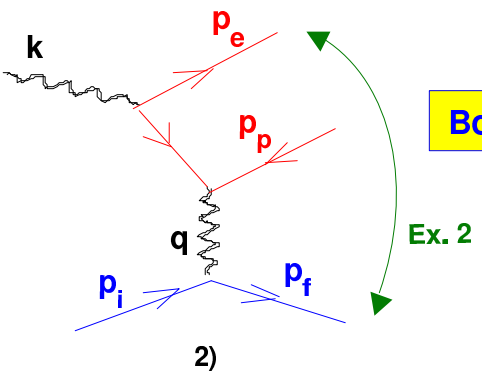
QED-process: **Ionization of a bound e^- accompanied by pair creation in the field of that e^-**

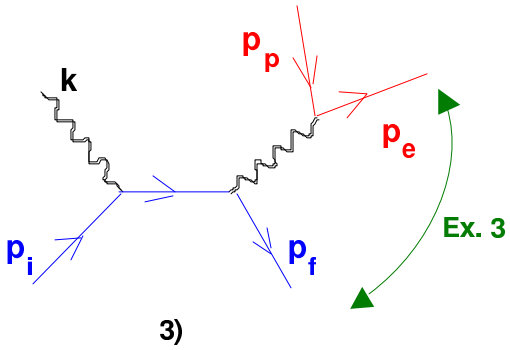


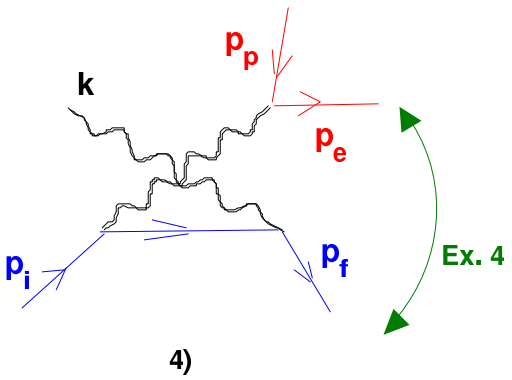
For free electrons:





Borsellino-Diagrams





Compton-like

8 Feynman diagrams in 3rd order QED

Mork '66, Haug '75, Maximon & Gimm '80 (free e)