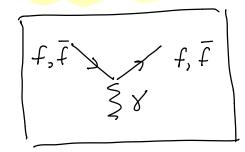
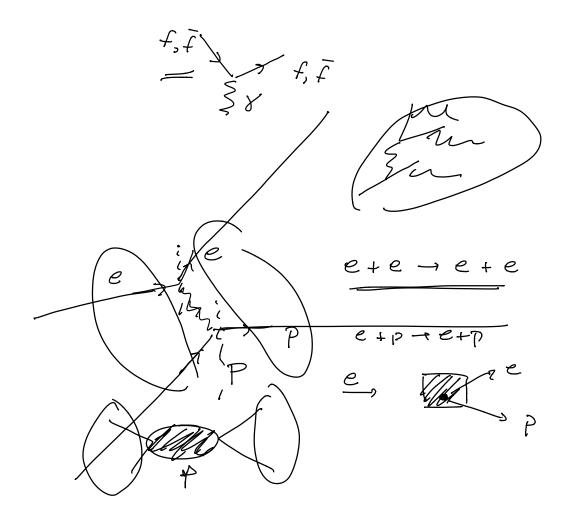
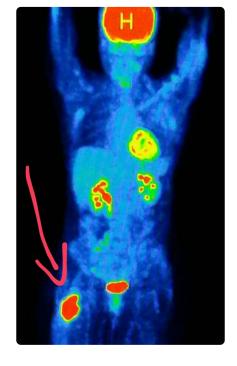


" pair annihi latini

## PRIMTIUE DIAGRAM







PET

scan of a tumor in the leg...

10 11....

$$\stackrel{\overline{e}}{\longrightarrow}$$
  $\stackrel{\overline{e}}{\sim}$   $\stackrel{\circ}{\sim}$ 

positinium

mowanten

After

$$m_e c^2 + m_{\bar{e}} c^2 = 2E_g$$

$$E_y = hf$$

$$f = E_y = \frac{8 \times 10^{-14} \text{ J}}{-34}$$