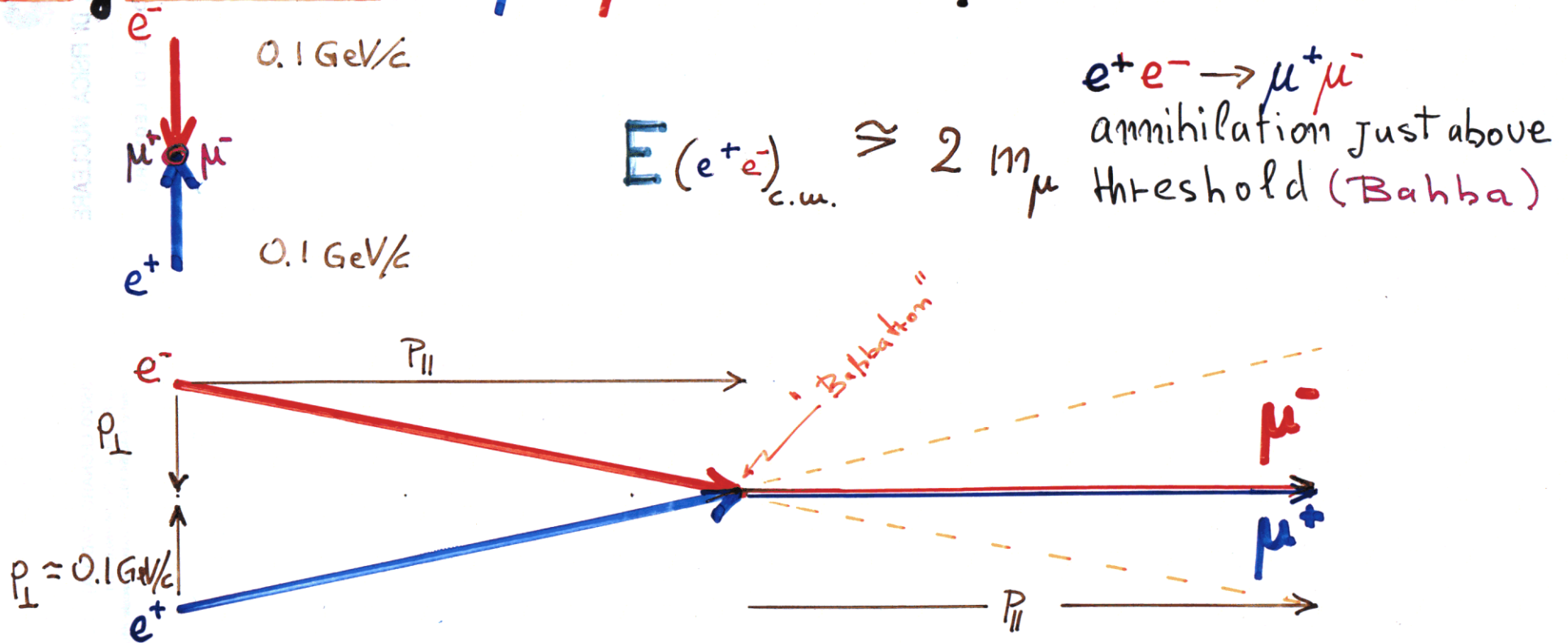


High brilliance $\mu^+ \mu^-$ SOURCE for MUON COLLIDERS



$$E(e^+e^-)_{\text{Lab}} = E_{e^+} + E_{e^-} = E_{\mu^+} + E_{\mu^-}$$

$$P(e^+e^-)_{\text{Lab}} = P_{||e^+} + P_{||e^-} = P_{\mu^+} + P_{\mu^-}$$

$$\sigma = 3 \cdot 10^{-30} \text{ cm}^2$$

$$L = 10^{34} \text{ cm}^{-2} \text{ s}^{-1}$$

$\rightarrow 3 \cdot 10^4 / \text{s}$