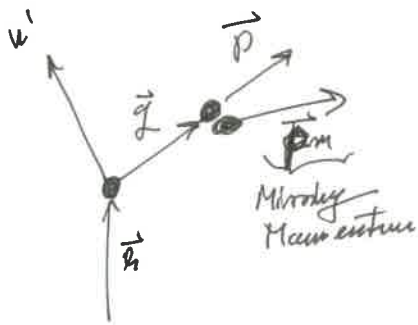


①

$$E_{\text{beam}} + M_D = E' + E_{BB} + E_{m} \quad \text{Missing Energy}$$



$$E_{BB} = \sqrt{p_B^2 + M_{BB}^2}$$

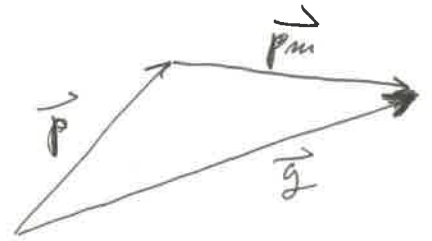
$$E_m = \sqrt{p_m^2 + M_m^2}$$

②

$$\vec{k} = \vec{k}' + \vec{p} + \vec{p}_m$$

$$\vec{k} - \vec{k}' = \vec{p} + \vec{p}_m$$

$$\vec{g} = \vec{p} + \vec{p}_m$$



$$\vec{p} = \vec{g} - \vec{p}_m$$

~~$$p^2 = g^2 =$$~~

$$\vec{p}_m = \vec{g} - \vec{p}$$

$$p_m^2 = g^2 + p^2 - 2\vec{p} \cdot \vec{g} =$$

$$= g^2 + p^2 - 2p \cdot g \cdot \cos \alpha$$

кат угол
stream! Тегер
миссия, зато
те кэте
упорядку!

$$E_{\text{beam}} - E' + M_D = \sqrt{p_{BB}^2 + M_{BB}^2} + \sqrt{p_m^2 + M_m^2}$$

$$E_{\text{beam}} - E' + M_D = \sqrt{p_{BB}^2 + M_{BB}^2} + \sqrt{M_m^2 + g^2 + p_{BB}^2 - 2\vec{p}_{BB} \cdot \vec{g}}$$

$$\underbrace{E_{\text{beam}} - E' + \frac{M_D}{c}}_{\mathcal{H}} = \sqrt{p_{BB}^2 + \underline{M_{BB}^2}} + \sqrt{\underline{M_m^2} + g^2 + p_{BB}^2 - 2\vec{p}_{BB} \cdot \vec{g}}$$

Imam Tau ratlhore more!

$$\mathcal{H} = \sqrt{p_{BB}^2 + M_{BB}^2} + \sqrt{M_m^2 + g^2 + p_{BB}^2 - 2\vec{p}_{BB} \cdot \vec{g}}$$

$$\begin{aligned} \vec{p}_{BB} \cdot \vec{g} &= (g_x, g_y, g_z) \cdot (p_{BB}^x + p_{BB}^y, p_{BB}^z) = \\ &= p_{BB}^x g_x + p_{BB}^y g_y + p_{BB}^z g_z = (*) \end{aligned}$$

$$\left. \begin{aligned} p_{BB}^x &= p_{BB}^z \cdot \text{tg } \varphi \\ p_{BB}^y &= p_{BB}^z \cdot \text{tg } \psi \end{aligned} \right\} p_{BB} = p_{BB}^z \sqrt{(1 + \text{tg}^2 \varphi + \text{tg}^2 \psi)}$$

$$(*) = p_{BB} \cdot \frac{(g_x \cdot \text{tg}^2 \varphi + g_y \cdot \text{tg}^2 \psi + p_{BB} g_z)}{\sqrt{(1 + \text{tg}^2 \varphi + \text{tg}^2 \psi)}} = p_{BB} \cdot A^{\leftarrow}$$

$$H = \sqrt{p_{BB}^2 + H_{BB}^2} + \sqrt{M_H^2 + q^2 + p_{BB}^2 - 2 \cdot p_{BB} \cdot A}$$

08/12/10

Deuteron Mass: 1.87561339 GeV

Ko patej metode perkusiamo dulvosti gibalno kulvostu delca (D-elastic, H-elastic) v BB, vidimo, da svet izjela za H, ne izjela pa za D, lje jo gibalno kulvostu vedu za. $\sim 10 \text{ MeV}$ previdka!

Opazil sem, da se gledam rezultate za $T_{\text{g}} P_{\text{H}}$, imam nek efekt v katu, ki ludo radeva na gibalno kulvostu!

Nekaj moj novum sedaj popravit le effekte in postorbeto, da bom dalsi novode rezultate za gibalno kulvostu!

Pomenstvo Vprašanje!

Kulvostu del fakulne novine v vedu opremeljivostu palenjem z elastiditumom, ki jo imam no velja!

Sedaj le, bom pogledal, kaj dobim! iskane metode z elastiditum, in