Formules for ete

We will use just one method called A.

Zun = Zun + Zun (unlike syn)

Zun - tun + tun, (leke sign)

the thin + tun, (changed hodrows)

Generic cross section

atimuthel us de letra is in co, 2%.



Unpolericed frequentation function.

We start from defention of Yuan extel

b space fregmentation

$$D_{2}(z,b) = D_{2}(z) = D_{3}(z) = D_{3}(z$$

Structure function Zun in b space is:

P+ Spece & Such Jo (bp) Zuch =

3

If we cell 
$$(P_{7}) = D_{2}(+1)D_{2}(+1) = \frac{2i^{2}(P_{1})^{2}+2i^{2}(P_{1})^{2}}{7(P_{7})}$$

Luseice Fourier defention

4

Contribution from Collin furction.

$$\frac{1}{2c} = \frac{1}{4!} \int \frac{db}{ds} \frac{ds}{ds} \int_{2}^{3} \left( \frac{P_{7}b}{2} \right) e^{-\left( \frac{g_{ni} - g_{C,1}}{2} + \frac{g_{ni} - g_{C,1}}{2} \right) b^{2}}$$

$$\times \left[ \frac{g^{2}}{4!} + \frac{1}{4!} \frac{g_{ni} - g_{C,1}}{2} + \frac{g_{ni} - g_{C,1}}{2} + \frac{g_{ni} - g_{C,1}}{2} \right] e^{-\left( \frac{g_{ni} - g_{C,1}}{2} + \frac{g_{ni} - g_{C,1}}{2} \right) b^{2}}$$

$$= \frac{1}{4!} \int \frac{db}{ds} \frac{b^{3}}{2} \int_{2}^{3} \left( \frac{P_{7}b}{2} \right) e^{-\left( \frac{g_{ni} - g_{C,1}}{2} + \frac{g_{ni} - g_{C,1}}{2} \right) b^{2}} e^{-\left( \frac{g_{ni} - g_{C,1}}{2} + \frac{g_{ni} - g_{C,1}}{2} \right) b^{2}}$$

$$= \frac{1}{4!} \int \frac{db}{ds} \frac{b^{3}}{2} \int_{2}^{3} \left( \frac{P_{7}b}{2} \right) e^{-\left( \frac{g_{ni} - g_{C,1}}{2} + \frac{g_{ni} - g_{C,1}}{2} \right) b^{2}} e^{-\left( \frac{g_{ni} - g_{C,1}}{2} + \frac{g_{ni} - g_{C,1}}{2} \right) b^{2}}$$

$$= \frac{1}{2} e_{q}^{2} + \frac{1}{3} (21) + \frac{1}{3} (31) + \frac{1}{3} (31)$$

Reletion of HISI and Cally FF

We use the following presunt restron

so that:

$$2c = \frac{P_{+}^{2} + 2^{2}}{q} + \frac{P_{+}^{2} + P_{+}^{2} + P_{+}^{2}}{q} + \frac{P_{+}^{2} + P_{+}^{2}}{q} + \frac{P$$

Fruelly

If we define 
$$(P_{+}^{2})_{++}^{2} = (P_{-}^{2})_{++}^{2} + (P_{-}^{2})_{++}^{2}$$

Let us derive formulas for integrated SF (6)  $\int dP_{+} P_{7} = \frac{2}{9} u_{1}(P_{7}) = \frac{1}{9} e_{q}^{2} D_{1}^{q}(2_{1}) D_{1}^{q}(2_{2})$   $\int dP_{7} P_{7} = \frac{2}{9} e_{q}^{2} H_{1}^{(3)}(2_{1}) H_{1}^{(3)}(2_{1}) H_{2}^{(3)}(2_{1})$ 

X ( ( Pray 2 3 4 ( pray 2 3 )

= - \( \begin{align\*} & = - \b

$$F_{q(3)} N = \frac{1}{4} \frac{2_1 2_2}{2_1^2 + 2_2^2} 514^2 Q_2 \sum_{i=1}^{2} Q_2 \sum_{i=1}^{2} N D Q_{i,i} \sum_{i=1}^{2} N D Q_{i,i}$$

$$\frac{2e P_{i,1}}{2e^2 + 2e^2} exp \left[ -\frac{P_{i,1}}{H^2} - \frac{P_{i,1}}{ep_{i,2}} \right]$$

$$\frac{2e P_{i,1}}{M_e^2 + 2e^2} \sum_{i=1}^{2} N D Q_{i,i} \sum_{i=1}^{2} N D Q_{i,i}$$

$$\frac{2e P_{i,1}}{M_e^2 + 2e^2} \sum_{i=1}^{2} N D Q_{i,i} \sum_{i=1}^{2} N D Q_{i,i}$$

$$\frac{2e P_{i,1}}{M_e^2 + 2e^2} \sum_{i=1}^{2} N D Q_{i,i} \sum_{i=1}^{2} N D Q_{i,i}$$

where 
$$\tilde{H}_{c}^{2} = M_{c}^{2} = \frac{2i^{2} + 2i^{2}}{2i^{2}}$$
,  $\tilde{Q}_{c}^{3} = \tilde{Q}_{c}^{3} > \frac{2i^{2} + 2i^{2}}{2i^{2}}$ 

$$E_{q(30)} D = (4 + \cos^{2}\theta_{0}) Z e_{1}^{2} D e_{1} D e_{1} D e_{1} ) \frac{e^{-\frac{p_{1}^{2}}{2}}}{\pi \epsilon p_{1}^{2}}$$

It corresponds to result of poge(3)

Let us chech N:

and Auselmon does not distriguish 1 and 2.

Now let us colculese Hi (1) (2) from Tourness peremeteration

$$\frac{(2i+2i')^{3}}{M_{n}^{2}} = \frac{P_{iT}^{2}/(p_{i}^{2})^{2}}{(M_{c}^{2}+cp_{i}^{2})^{2}} = \frac{P_{iT}^{2}/(p_{i}^{2})^{2}}{(2p_{i}^{2}+1)^{2}} = \frac{P_{iT}^{2}/(p_{i}^{2}+1)^{2}}{(2p_{i}^{2}+1)^{2}} = \frac{P_{iT}^{2}/(p_{i}^{2}+1)^$$

$$M_{n}^{2} = \frac{P_{17}^{2}}{\sqrt{(P_{7}^{2})^{3}+1}} = \frac{P_{17}^{2}}{\sqrt{(P_{7}^{2})^{3}+1}} = \frac{P_{17}^{2}}{\sqrt{(P_{7}^{2})^{3}+1}}$$