Formules for ete

We will use just one method called A.

Zun = Zun + Zun (unlike syn)

Zun - Zun + Zun, (like sign)

the = the + the , (charged hodrows)

Generic cross section

atimuthel us du letra is in co, 24.



Unpolericed frequentation function.

We start from defention of Yuan et al

b space fregmentation

$$D_{2}(z,b) = \frac{D_{2}(z)}{z^{2}} e^{-\frac{b^{2}}{2}} \frac{g_{1}}{z^{2}} = \frac{b^{2}(z)}{z^{2}} e^{-\frac{b^{2}}{2}} \frac{g_{1}}{z^{2}}$$

Structure function Zun in 6 space is:

Pt speci

$$= \sum_{i=1}^{n} e_{i}^{2} + \sum_{i=1}^{n} (e_{i}) P_{i}(e_{i}) \qquad \frac{P_{i}^{2} + 2}{n} (e_{i}^{2}) + 2 \sum_{i=1}^{n} (e_{i}^{2}) P_{i}(e_{i}^{2}) P_{i}(e_{i}^{2}) \qquad \frac{P_{i}^{2} + 2}{n} (e_{i}^{2}) P_{i}(e_{i}^{2}) P_$$

(3)

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

$$= \frac{P_{7}}{kP_{7}}$$

Inserce Fourier definition

4

Contribution from Coller freedom.

$$\frac{1}{2c} = \frac{1}{4!} \int \frac{db}{ds} \frac{b^3}{J_2(\frac{P_7b}{2!})} e^{-\left(\frac{9n_1-9c.1}{2!} + \frac{9n_2-9c.2}{2!}\right)b^2}$$

Reletion of HI's and Cally FF

We use the following parameters thou

so that:

$$\frac{P_{+}^{2}}{2^{2}} = \frac{P_{+}^{2}}{2^{2}} + \frac{P_{+}^{2}}{2^{2}}$$

Fruelly

x Pr 4 Mu 23-26

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

then

20 = Z = +1-1(3)(e,1) +1-1(e) = -P-1/e-7+1-1

-20 = Z = +1-1(3)(e,1) +1-1(e) (e) T(P-7)+1-1

x P1 4 M2 212

Let us derive formulas for integrated SF (6) $\int dP_{+} P_{7} = \frac{2uu(P_{7})}{q} = \frac{2}{q} \frac{p_{1}^{q}(z_{1})}{p_{1}^{q}(z_{2})} \frac{p_{1}^{q}(z_{2})}{p_{1}^{q}(z_{2})}$ $\int dP_{7} P_{7} = \frac{2}{q} \frac{q^{2}}{q} \frac{H_{1}^{(3)}(z_{1})}{p_{1}^{q}(z_{2})} \frac{H_{1}^{(3)}(z_{2})}{p_{1}^{q}(z_{2})}$

Jalt 17 (43) 2 2 1 (Pi) 2 4 2 3)

= - Z eg H^(0)(21)+1+10(2) 2((pi)3+122+(pi)2+1)

•

$$\widehat{\mathcal{H}}$$

$$F_{q(SI)} N = \frac{1}{4} \frac{2_1 2_2}{2_1^2 + 2_2^2} 514^2 \theta_2 \sum_{i=1}^{2} \frac{2_i^2 N_i}{2_i^2 + 2_2^2} D(R_i)$$

$$\frac{2e P_{i,T}}{M_e^2 + (\tilde{p}_{i,T}^2)} exp \left[-\frac{P_{i,T}}{\tilde{p}_{i,e}^2} - \frac{P_{i,T}}{\tilde{p}_{i,e}^2} \right]$$

$$\tilde{M}_e^2 + (\tilde{p}_{i,T}^2) = \tilde{p}_{i,t}^2 \tilde{p}_{i,t}^2$$

$$\tilde{M}_e^2 + (\tilde{p}_{i,T}^2) = \tilde{p}_{i,t}^2 \tilde{p}_{i,t}^2$$

where
$$\tilde{H}_c^2 = M_c^2 = \frac{3^2 + 3^2}{3^2}$$
, $\tilde{e}_i^2 > = \langle P_i^2 \rangle = \frac{2^2 + 3^2}{3^2}$

$$E_{q(30)} D = (1 + \cos^{2}\theta_{0}) Z e_{1}^{2} D e_{1} D e_{1} D e_{1}) \frac{e^{-P_{1}^{2}} \langle \vec{p}_{1}^{2} \rangle}{\pi \langle \vec{p}_{1}^{2} \rangle}$$

It corresponds to result of page(3)

Let us chech N:

and Auselmuno does not distruguish 1 and 2.

Now let us colculede Hi (1) (2) from Toranos perometeration

H(1)(+) = 2 Mn N°(+1 D,(+) (2e 1 1 (ps2) 22° m/2

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

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

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

(7)