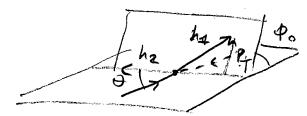
Formules for ete-

We will use just one method called A.

$$A_{o}^{UL(C)}(z_{1},z_{L},\theta,P_{u,1})=\frac{\langle sin^{2}\theta\rangle}{\langle zin^{2}\theta\rangle}\left(\frac{z_{u}}{z_{uu}}-\frac{z_{u}^{L(C)}}{z_{uu}^{L(C)}}\right)$$

Generic cross section

atimuthel un du Retron 1, 14 co, 20,



Unpolericed frequentation function.

$$D_{2}(t,p_{1}) = D_{3}(t) \frac{e^{-p_{1}^{2}/2p_{1}^{2}}}{\sqrt{2p_{1}^{2}}}$$

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

$$= \sum_{i=1}^{n} e_{i}^{2} + \sum_{i=1}^{n} \sum_{j=1}^{n} (e_{i}) + \sum_{j=1}^{n} (e_{j}^{2} + \sum_{j=1}^{n} (e_{j}^{2})^{2} + \sum_{j=1}^{n} (e_{j}^{2})^{2} + \sum_{j=1}^{n} (e_{j}^{2} + \sum_{j=1}^{n} (e_{j}^{2})^{2})$$

3

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

$$\frac{2}{2}(P_{+})^{2} = D_{2}(+1)D_{2}(+1) = \frac{e^{-P_{+}}/(P_{+})}{T(P_{+})^{2}}$$

Luseise Fourier definition

Contribution from Collin function,

$$\frac{2c}{z_{1}^{2}} = \frac{1}{4z_{1}^{2}} \int_{z_{1}}^{z_{1}} \frac{db}{db} \int_{z_{1}}^{3} \int_{z_{1}}^{2} \left(\frac{P_{7}b}{z_{1}}\right) e^{-\left(\frac{g_{n_{1}}-g_{c,1}}{z_{1}} + \frac{g_{n_{1}}-g_{c,2}}{z_{1}}\right)b^{2}}$$

$$\times \left[\frac{e^{2}}{z_{1}} + \frac{A^{(3)}}{z_{1}} + \frac{A^{(3)}}{z_{$$

= 2 eq2 H(3) (21 H(3)(4)) = 4(gn2-gc2)212+4(gn1-gc1)22 PT 2125

Reletion of HI 151 and Colling FF

We use the following parametresation

so that:

 $\frac{1}{H^{(3)}(4)} \frac{e^{-\frac{P_1'}{4}(g_1-g_2)}}{\pi (4(g_1-g_2))^2} P_1 = \frac{P_1}{H_{11}} \left(-\frac{1}{4}\right) H_{1}^{+}(4,P_1') I_{vert}$

$$\frac{P_{+} z_{1}}{2c} = \frac{P_{+} z_{1}}{4} + \frac{P_{+} z_{1}}{4} + \frac{P_{+} z_{1}}{4} + \frac{Z_{1}}{2}$$

$$\frac{P_{+} z_{1}}{4} + \frac{Z_{1}}{4} + \frac{Z_{1}}{4}$$

Finally

If we define
$$(P_{+}^{2})_{+,+}^{2} = \frac{(P_{+}^{2})_{+,+}^{2} + (P_{+}^{2})_{+,+}^{2}}{2!}$$

hen
$$2c = \frac{2}{9}e^{2} + \frac{1}{1} \frac{(2)}{(2)} \frac{(2)}{(2)} + \frac{1}{1} \frac{(2)}{(2)} \frac{e^{-\frac{1}{2}} \frac{(2)}{(2)}}{\pi (P_{1})^{2} + 1}$$

Let us derive formulas for integrated SF $\int dP_{+} P_{+} = \frac{2}{9} u_{1}(P_{+}) = \frac{1}{9} e_{q}^{2} D_{1}^{q}(z_{1}) D_{1}^{q}(z_{2}) \cdot \frac{1}{2\pi}$ $\int dP_{+} P_{+} = \frac{2}{9} e_{q}^{2} H_{1}^{(3)}(z_{1}) \hat{H}^{(3)}(z_{2}) \cdot \frac{1}{2\pi}$

X (< p² + + + = 2 + < p² > 2 + + + = 2)

= = +1(1)(21)+1+(1)(21)

[(<p:3++22+<p:2++21)

[(<p:3++22+<p:2++21)

]

)

Let us compere de Anselvino:

$$E_{q(SI)} N = \frac{1}{4} \frac{z_1 z_2}{z_1^2 + z_2^2} 514^2 Q_2 \sum_{eq} e_q^2 \tilde{A}^N D(z_1) \tilde{B}^N D(z_1)$$

$$\frac{2eP_1T}{\tilde{H}^2_e} exp \left[-\frac{P_1T}{\tilde{H}^2_e} - \frac{P_1T}{\tilde{P}_2^2} \right]$$

$$\frac{R^2_e + (\tilde{p}_1^2)}{\tilde{H}^2_e + (\tilde{p}_2^2)} J_1(\tilde{p}_2^2)$$

where
$$\widetilde{H}_{c}^{2} = M_{c}^{2} = \frac{2i^{2} + 2i^{2}}{2i^{2}}$$
, $\widetilde{C}_{p,s}^{2} > = \widetilde{C}_{p,s}^{2} > \frac{2i^{2} + 2i^{2}}{2i^{2}}$

$$E_{q(30)} D = (1 + \cos^{2}\theta_{1}) \sum_{i} e_{i}^{2} D(e_{i}) D(e_{i}) \frac{e^{-\frac{p_{17}}{2}}}{\pi \epsilon p_{1}^{2}}$$

It corresponds to result of poge(3)

Let us check N:

$$\frac{1}{\widetilde{H}_{c}^{2}} + \frac{1}{\widetilde{\mathcal{P}}_{+}^{2}} = \frac{1}{\widetilde{\mathcal{P}}_{c}^{2} + \widetilde{\mathcal{P}}_{c}^{2}} = \frac{1}{\widetilde{\mathcal{P}}_{c}^{2} + \widetilde{\mathcal{P}}_{c}^{2}} + \frac{1}{\widetilde{\mathcal{P}}_{c}^{2} + \widetilde{$$

and Auselmon does not distinguish 1 and 2.

Now let us celculese Hi (1) (1) from Torainos peremeteration

=)
$$H_{1}^{(2)}(z) = z m_{h} N^{c}(z) D_{1}(z) \sqrt{ze} \frac{1}{M_{c}} \frac{1}{\pi cp^{2}}, \frac{\overline{u} cp^{2}}{2z^{2} m_{h}}$$

$$= \frac{4 \cdot 2^{2} \cdot 2^{6}}{(2^{2} + 2^{2})^{3}} \quad \text{Sin}^{2} \Theta_{1} \quad \text{Zeq}^{2} \quad \text{Hi}^{1}(3)(4_{1}) \quad \text{Hi}^{1}(3)(4_{2})}{(2^{2} + 2^{2})^{3}} \quad \text{Q}$$

$$= \frac{(2^{2} + 2^{2})^{3}}{(2^{2} + 2^{2})^{3}} \quad \text{Q}$$

$$= \frac{(2^{2} + 2^{2})^{3}$$

$$\frac{P_{1}}{P_{1}} = \frac{P_{1}}{P_{1}} = \frac{P_{1}}{P$$

$$M_{n}^{2} = \frac{P_{17}}{\sqrt{P_{1}^{2}}} = \frac{P_{17}}{\sqrt{P_{17}^{2}}} = \frac{P_{17}$$