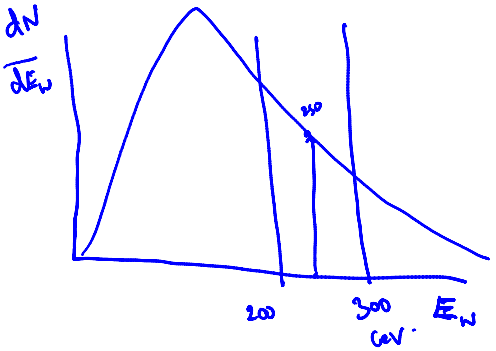
Thursday, June 05, 2014
10:42 AM



$$\langle E \rangle = \frac{\int_{200}^{300} E \frac{dN}{dE_N} dE}{\int_{200}^{300} \frac{dN}{dE}}$$

W_+ $\quad \frac{dN}{d\cos\theta_{lab} dE}$

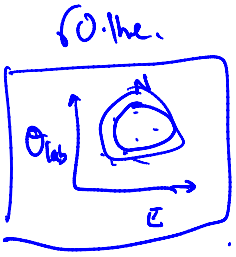
$W_+ \rightarrow \quad \frac{dN}{d\cos\theta_{tilt}} = (1 + \cos\theta)^2$

$$\int \left(\frac{dN}{d\cos\theta_{lab} dE} \right) dE = \frac{dN}{d\cos\theta_{lab}}$$

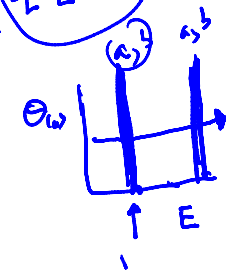
250 GeV

$$\int \frac{dN}{d\cos\theta_{lab} dE} = \frac{dN}{dE}$$

$\frac{dN}{d\cos\theta_{lab} dE}$

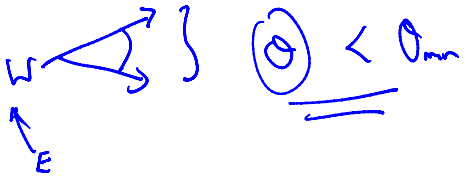


$$\frac{dN}{d\cos\theta_{lab}} = a\,D_T[\cos\theta] + b\,D_L[\cos\theta]$$

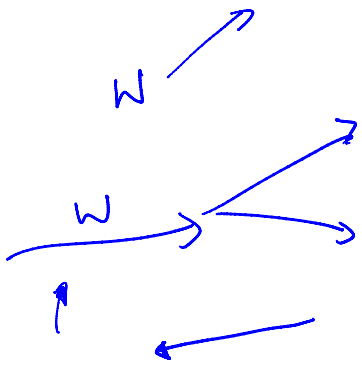


$$\theta_{min} = \frac{2m_W}{E}$$

$$\frac{dN}{dE}$$



$$\theta_{min} = \frac{2\sqrt{E^2 - p^2}}{E}$$



$$E^2 - p^2 \neq m_W^2$$