

Study of Nucleon Structure by Measurement of Angular Distribution in Drell-Yan Process

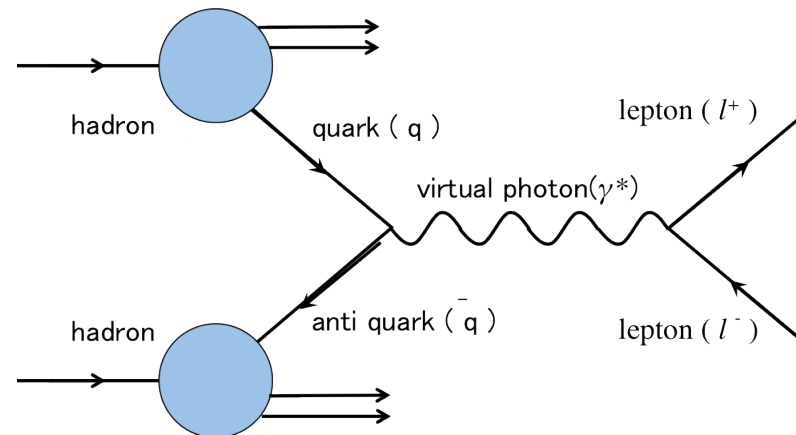
Drell-Yan 過程の角度分布測定による核子構造の研究

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What is the Drell-Yan process ?

- Hadron-hadron collision and annihilation of a quark and an anti-quark
- Lepton pair is produced in the final state.



The Angular distribution of produced lepton pair : $\frac{d\sigma}{d\Omega} \propto 1 + \lambda \cos^2 \theta + \mu \sin 2\theta \cos \phi + \frac{\nu}{2} \sin^2 \theta \cos 2\phi$



Unexplained problem about λ , μ and ν