$$(E_{0},\vec{k})$$

$$(v,\vec{q})$$

$$(M,\vec{p}_{0})$$

$$(\sqrt{M^{2}+\vec{p}^{2}},\vec{p})$$

$$(\sqrt{M^{2}+\vec{p}^{2}},\vec{p})$$

$$(\sqrt{M^{2}+\vec{p}^{2}},\vec{p})$$

$$(\sqrt{M^{2}+\vec{p}^{2}},\vec{p})$$