$$\frac{S}{N}\beta I$$

$$S \xrightarrow{\frac{S}{N}\beta I} \gamma I$$

$$\begin{array}{c|c} & \frac{S}{N}\beta I \\ \hline \end{array} \qquad \begin{array}{c|c} & \sigma E \\ \hline \end{array} \qquad \begin{array}{c|c} & \gamma I \\ \hline \end{array}$$

