$$\begin{array}{c|c}
\Pi_{A,C} \\
\downarrow \\
\sigma_{B=1} \\
\downarrow \\
R_1(A,B)
\end{array}$$

$$\begin{array}{c|c}
\sigma_{B=1 \land C \in [100,200]} \\
\downarrow \\
R_2(B,C)
\end{array}$$