$$B \xrightarrow{\omega_{a}} S(a,a) \qquad B \xrightarrow{\omega_{a}} S(a,a)$$

$$\downarrow \omega_{f} \qquad \downarrow S(a,f) \qquad \qquad \omega_{a'} \qquad \downarrow \omega_{f'} \qquad \downarrow S(a,f') \qquad \downarrow S(a$$