$$M_{\ell-1} \quad \Delta_{p_\ell} \qquad\qquad \sigma_\ell$$

$$m_{\ell-2}\, \underbrace{\quad}_{\sigma_{\ell-1}} m_{\ell-1} \underbrace{\quad}_{\sigma_\ell} m_\ell \qquad\longrightarrow\qquad m_{\ell-2} \underbrace{\quad}_{\sigma_{\ell-1}} m_\ell$$