$$F_\pi(s) = (1-\gamma)\frac{1}{(1-\frac{s}{\mathcal{M}_\rho^2})} + \gamma\frac{1}{(1-\frac{s}{\mathcal{M}_\rho^2})(1-\frac{s}{\mathcal{M}_{\rho'}^2})(1-\frac{s}{\mathcal{M}_{\rho''}^2})}$$