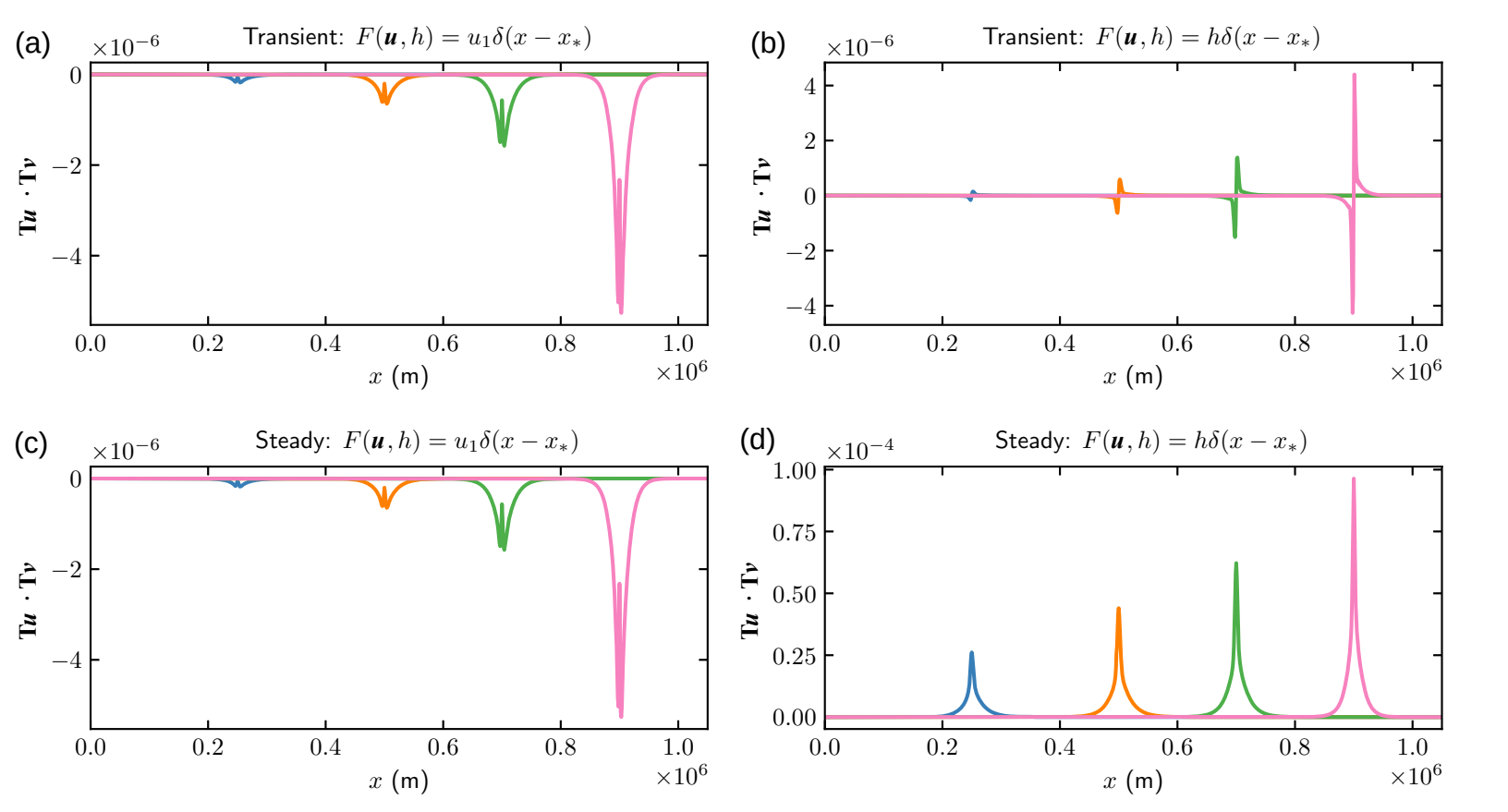
(a)
Transient: $F(\boldsymbol{u}, h) = u_1\delta(x - x_*)$
$\times 10^{-6}$
$\mathbf{Tu} \cdot \mathbf{Tv}$
x (m)
$\times 10^{6}$
(b)
Transient: $F(\boldsymbol{u}, h) = h\delta(x - x_*)$
$\times 10^{-6}$
$\mathbf{Tu} \cdot \mathbf{Tv}$
x (m)
$\times 10^{6}$
(c)
Steady: $F(\boldsymbol{u}, h) = u_1\delta(x - x_*)$
$\times 10^{-6}$
$\mathbf{Tu} \cdot \mathbf{Tv}$
x (m)
$\times 10^{6}$
(d)
Steady: $F(\boldsymbol{u}, h) = h\delta(x - x_*)$
$\times 10^{-4}$
$\mathbf{Tu} \cdot \mathbf{Tv}$
x (m)
$\times 10^{6}$