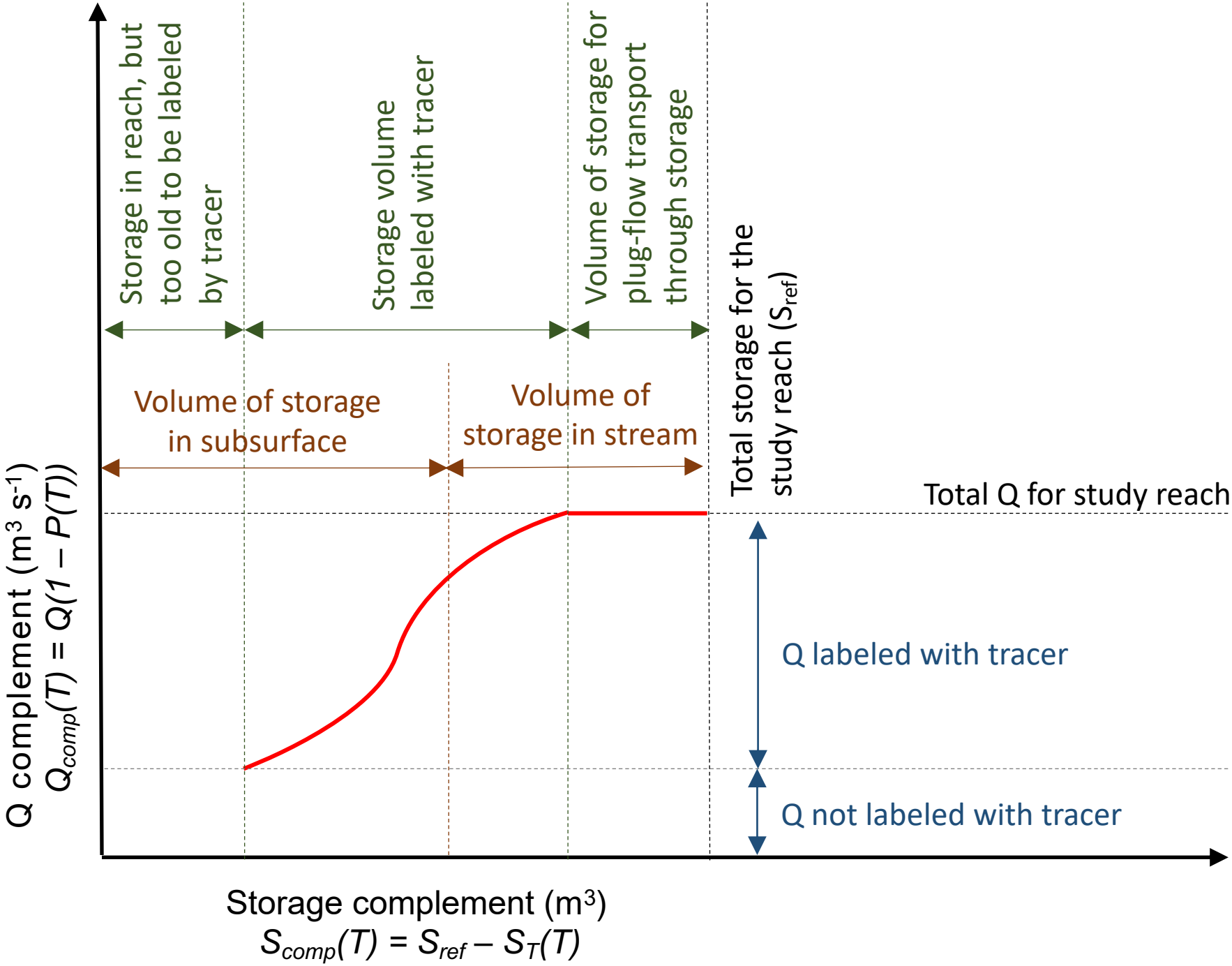
Storage in reach, but too old to be labeled by tracer
Storage volume labeled with tracer
Volume of storage for plug-flow transport through storage
Total storage for the study reach (S_{ref})
Volume of storage in subsurface
Volume of storage in stream
Total Q for study reach
Q labeled with tracer
Q not labeled with tracer
Q complement (m^3 s^{-1})
$Q_{comp}(T) = Q(1 - P(T))$
Storage complement (m^3)
$S_{comp}(T) = S_{ref} - S_T(T)$