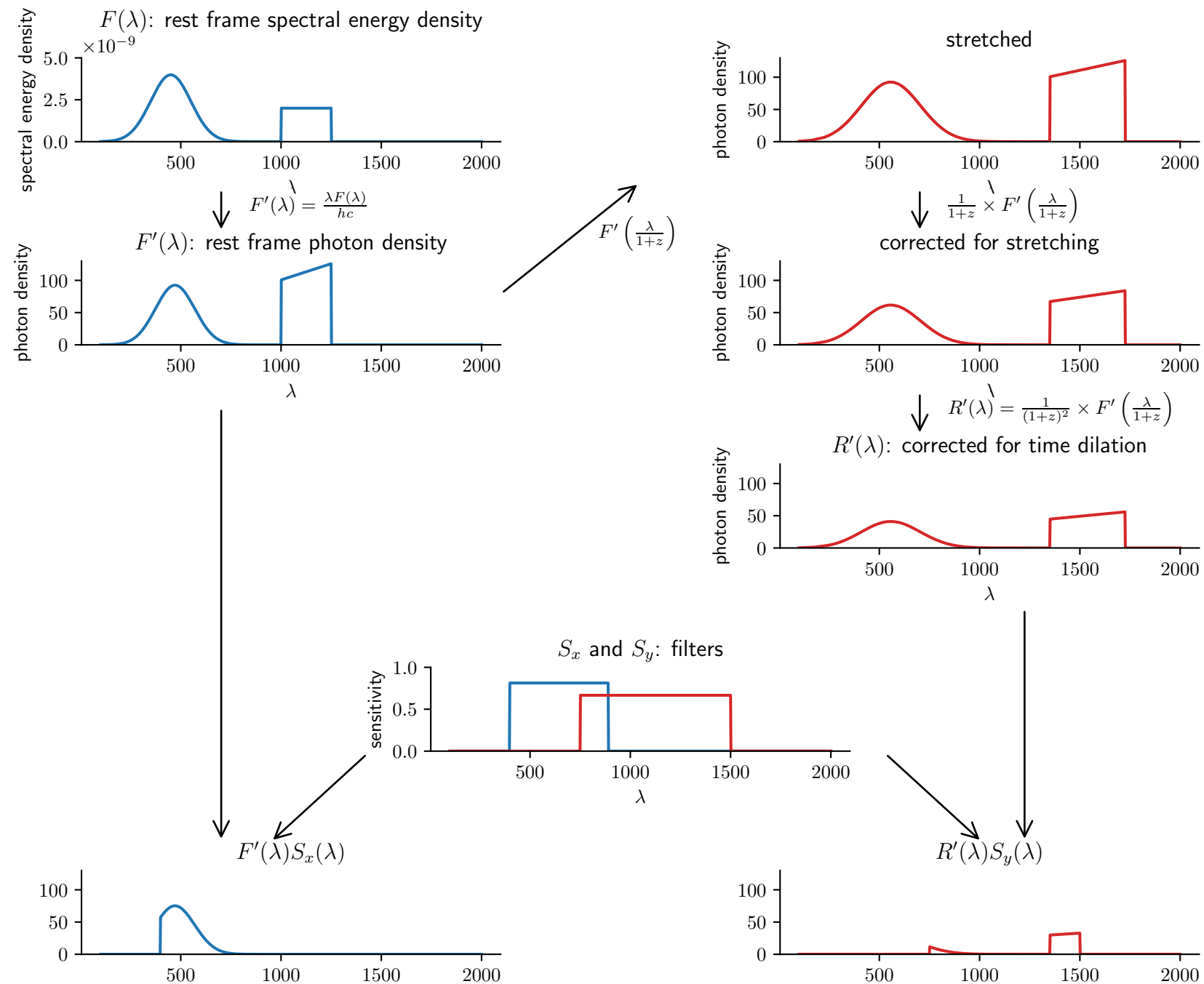


Calculating  $K'_{xy}$ , the ratio of rest frame to observation frame counts for  $z = 0.5$



$$K'_{xy} = \frac{\int F'(\lambda) S_x(\lambda) d\lambda}{\int R'(\lambda) S_y(\lambda) d\lambda} = \frac{14302.09}{5668.13} = 2.52$$