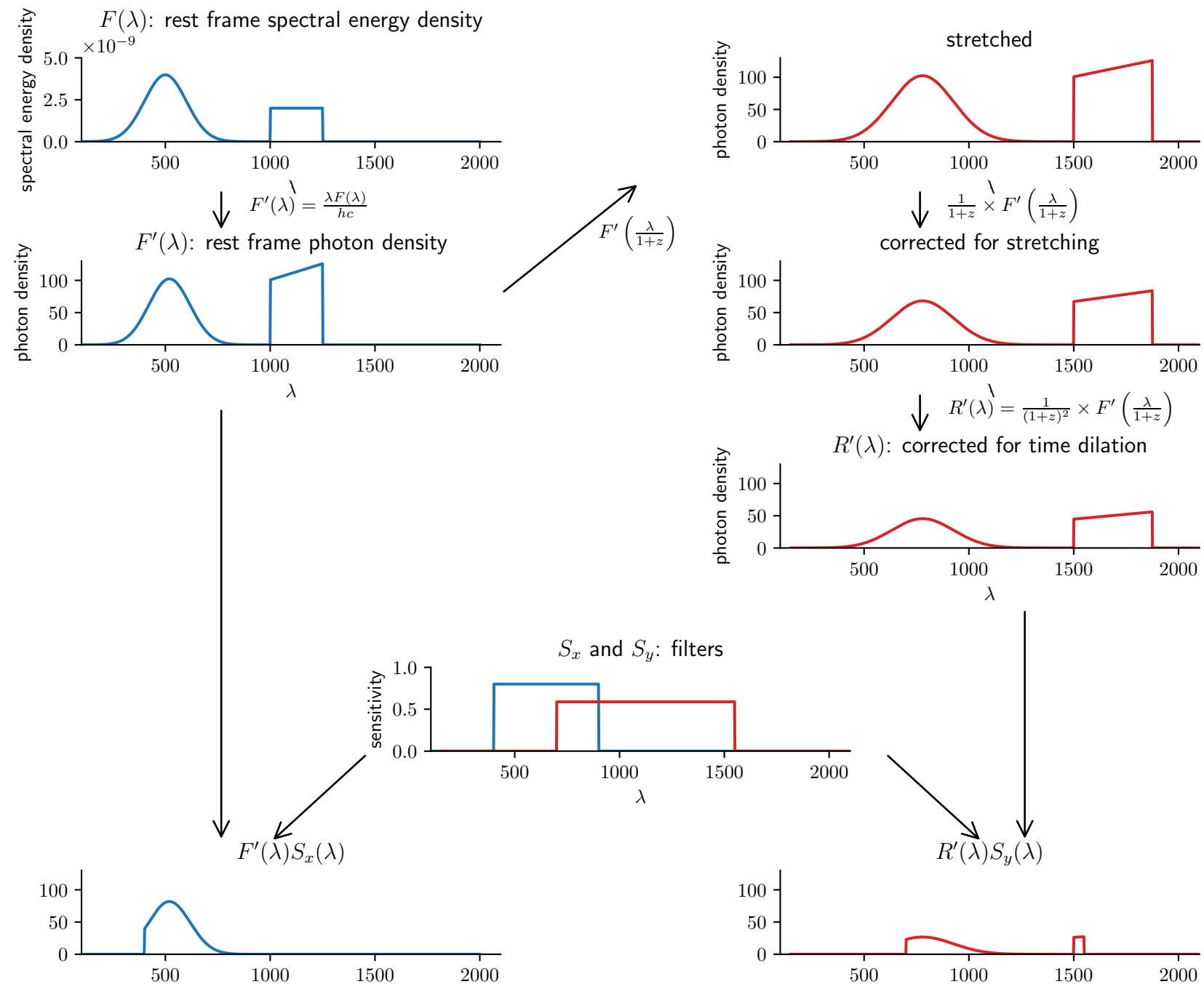


Calculating K'_{xy} , the ratio of rest frame to observation frame counts for $z = 0.5$



$$K'_{xy} = \frac{\int F'(\lambda) S_x(\lambda) d\lambda}{\int R'(\lambda) S_y(\lambda) d\lambda} = \frac{17928.35}{8293.36} = 2.16$$