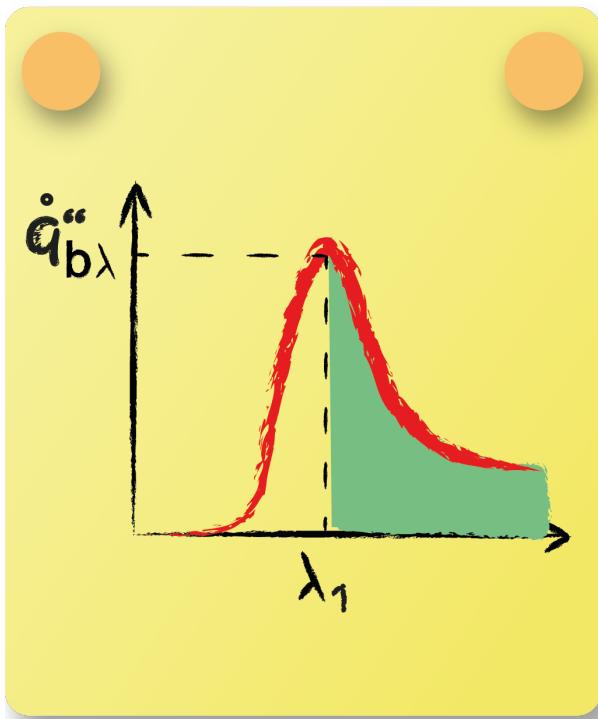


## Surface Brightness: Task 33



The diagram shows the distribution of black body radiation with respect to the wave length.

1



$$\dot{q}_{b,\lambda_1 \rightarrow \infty}'' = \dot{q}_b''(1 - F_{0 \rightarrow \lambda_1})$$

2



An expression for radiation in interval  $[\lambda_1, \infty]$  is obtained from the product of black body radiation  $\dot{q}_b''$  and function  $F_{0 \rightarrow \lambda_1}$ , which gives the corresponding fraction.