5 equal cross section bands

6 bounds $(\sigma_0 = 0, \sigma_1, \sigma_2, \sigma_3, \sigma_4, \sigma_5)$ $\overset{\text{max}}{\swarrow}$

$$\sigma_{g_1} = \int \sigma^*(E)\, dE \quad \text{where} \quad \sigma^*(E) = \begin{cases} \sigma(E) & \sigma_0 < \sigma(E) < \sigma_1 \\ 0 & \text{else} \end{cases}$$

Repeat for each group