

I am trying to integrate the Weibull distribution :

Given:

$$f := \frac{\gamma}{B} y^{\gamma-1} e^{-\frac{y^\gamma}{B}}$$

Maple has the Integral =

$$\xrightarrow{\text{integrate w.r.t. } y} -\frac{\beta}{B e^{\frac{y^\gamma}{\beta}}}$$

I tried Integration by parts but could not prove the solution. Please show your work & thank you very much.