$$\int_0^t c_u \lambda_u \left(1 + c_u \lambda_u \frac{e^{s c_\lambda} - 1}{c_\lambda}\right)^{-1} E^{s c_\lambda} \, ds$$

$$-\text{Log}[c_\lambda] + \text{Log}\left[c_\lambda + \left(-1 + e^{t c_\lambda}\right) c_u \lambda_u\right]$$

$$\int_0^1 c_u \lambda_u \left(1 + c_u \lambda_u \frac{e^{s c_\lambda} - 1}{c_\lambda}\right)^{-1} E^{s c_\lambda} \, ds$$

$$-\text{Log}[c_\lambda] + \text{Log}[c_\lambda + (-1 + e^{c_\lambda}) c_u \lambda_u]$$