

FORMULA 3.334

$$\int_0^{\infty} (e^x - 1)^{\nu-1} \exp\left[-\frac{b}{e^x - 1} - \mu x\right] dx = \Gamma(\mu - \nu - 1) e^{b/2} b^{\frac{\nu-1}{2}} W_{\frac{\nu-2\mu-1}{2}, -\frac{\nu}{2}}(b)$$