

C4282

! For an efficient use of these tables, first read [HowTo.pdf](#).

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T2.67B. Integrands involving product of powers of logarithm functions and rational functions on the interval $(0, 1/e)$.

$$1. \int_0^{1/e} \frac{x^{1/q} dx}{x \sqrt{-(1 + \ln x)}} = \frac{\sqrt{q\pi}}{e^{1/q}}, \quad q > 0.$$

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