FORMULA 4.271.10

$$\int_0^1 \frac{\ln^{2n-1} x\, dx}{1-x^2} = \frac{1}{2}\int_0^\infty \frac{\ln^{2n-1} x\, dx}{1-x^2} = \frac{1-2^{2n}}{4n}|B_{2n}|\pi^{2n}$$