Integration of o- double exponential between rin and ro and between a and 20

$$I = 4\pi \int_{R_{in}}^{R_{in}} \int_{0}^{R_{in}} \int_{0}^{$$

Integration of a distribution which is
exponential in vertical direction and constant.

I'm redial direction  $I = 4\pi \int_{0}^{K_{in}} \left\{ \frac{\chi_{o}}{2} \right\} \int_{0}^{K_{in}} \left\{ \frac{\chi_{o$  $(1-e^{-\frac{\chi_0}{2s}}) = 2\pi R_{in} \chi_s (1-e^{-\frac{\chi_0}{2s}}) \text{ and}$ I = 21 Rin 75 (1-e- 75) and For the cose that the aristor is the value of an experiental function in radial direction at r=rin =) I = 2T/kin 7/2 (1-e - 7/2 ). A. e - 1/2 / 1/2 where A would be the central emissivity of a double experiented