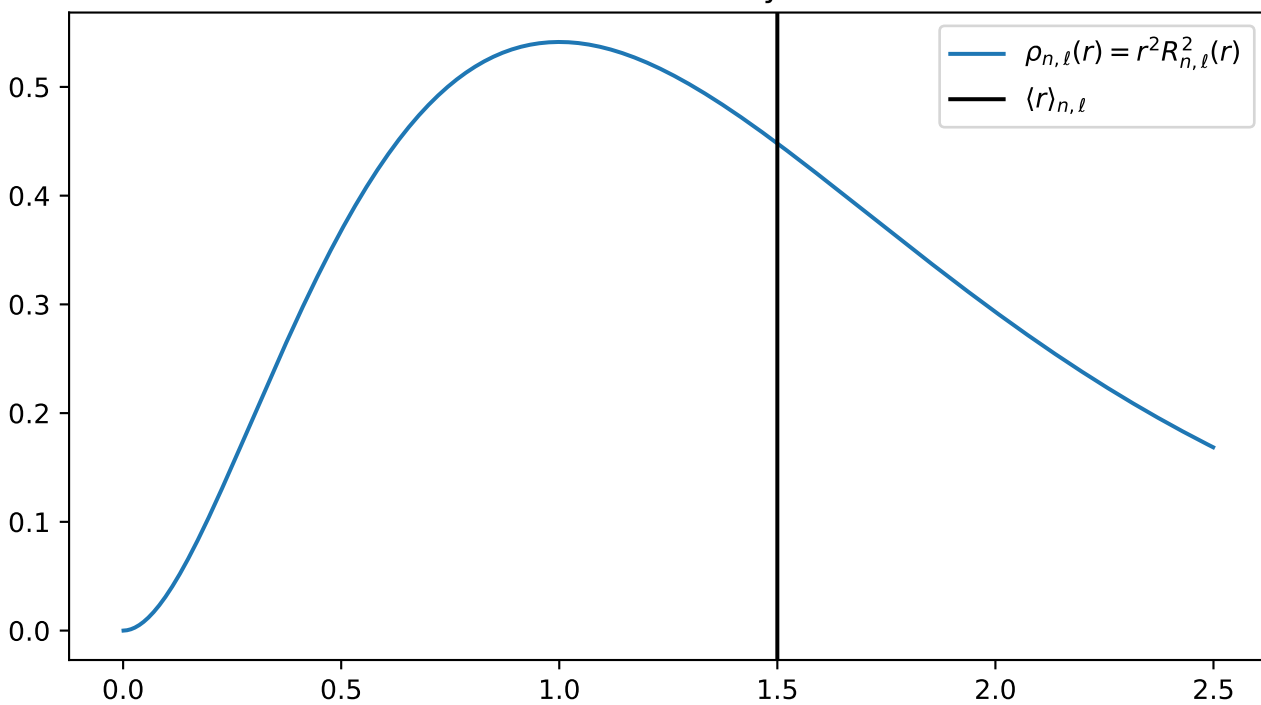
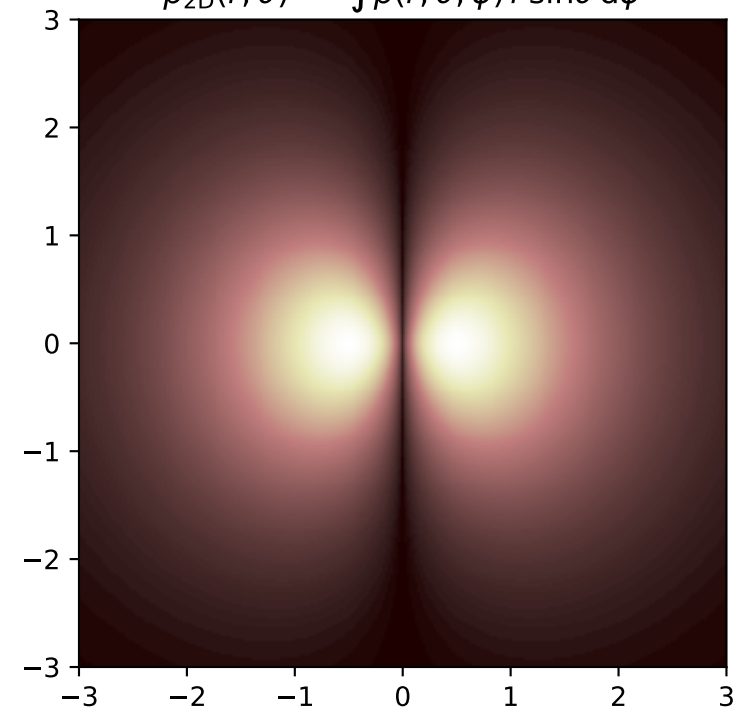


$$n = 1, \ell = 0, m = 0$$

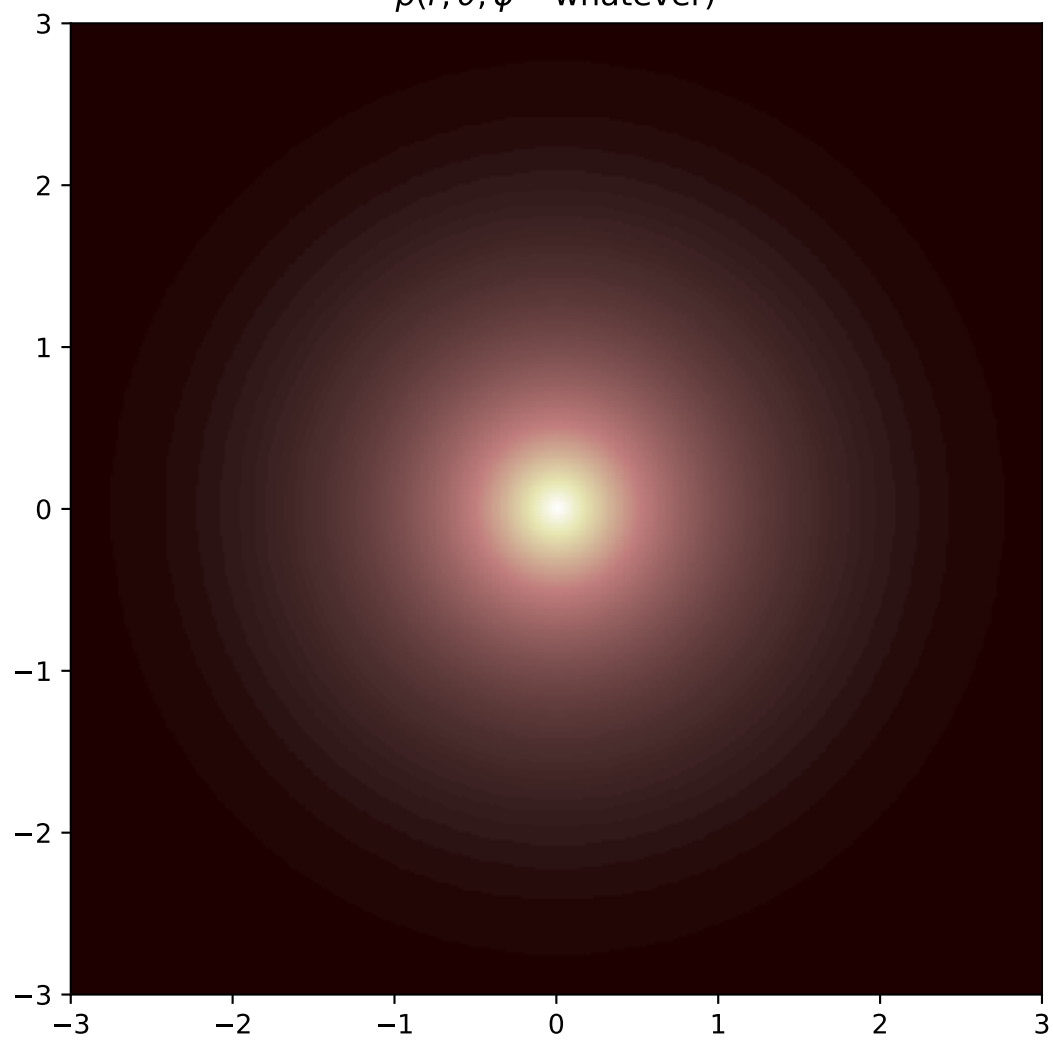
Radial density



$$\rho_{2D}(r, \theta) = \int \rho(r, \theta, \phi) r \sin \theta d\phi$$



$\rho(r, \theta, \phi = \text{whatever})$



Probability current $j_\phi(r, \theta)$

