What is the most probable value of $r$ for an electron in the hydrogen atom which has the following radial wave function?

$$R_{21}(r) = \frac{1}{\sqrt{3}(2a_0)^{3/2}} \left( \frac{r}{a_0} \right)^3 e^{-r/2a_0}$$  \hfill (1)

Follows what we learned in class:  
$r_{mp} = n^2 a_0$ for $l = n - 1$. 