TOV solution for a DANS. The BM obeys the soft and $\alpha = 0.0966348624122434$. $p_{soft}(r)$ 1.0 $---p_{DM}(r)$ m(r) $m_{soft}(r)$ -- $m_{DM}(r)$ [0.8 - W] W ⊗ 0.6 - 0.6 0.0 10 *r* [*km*]