TOV solution for a DANS. The BM obeys the soft and $\alpha = 0.0258313837779326568$.

Legend:
- $p_{soft}(r)$
- $m_{soft}(r)$
- $p_{DM}(r)$
- $m_{DM}(r)$
- $m(r)$

Y-axis: $p \cdot 10^5 [M_\odot / km^3]$ & $m [M_\odot]$

X-axis: $r [km]$