

└ 7 ' 002491 └ ' ε 'E _" ' 2019-049

ε H M 'E_

' G K ů 'E

'E_ ů H Ψ η r G H ρ ã % ã ~
X ã Â

ε H M 'E_ ^ γ Ÿ l' 'E_ Lı

83.82% 1 'E_u M 31.52% A

55,994,172 4.44%

$M = 45,627,086$ ~ 1 $\dot{t}$ E_{rt} M 81.49% 1 E_{rt} M

3.62% $\hat{A}$ κ $\hat{a}$ L_{-} $\hat{u}$ $\hat{i}$ $\bar{w}$ $\hat{u}$ $\hat{r}$ 530,470,093 $\hat{u}$

$M = 443,327,086 \sim 10^{11} M_{\odot}$ $\Rightarrow$ $\rho = 83.57\% \sim 10^4 \text{ g cm}^{-3}$

0 4 35.14% Â

$$\hat{A}^2 \sim \frac{E}{K} \quad M \sim \frac{1}{\sqrt{E}}$$
$$\Psi \in E_{\nu_n} \quad L \in \hat{E}_{\nu_n} \quad \gamma \in \hat{E}_{\nu_n}$$
$$L_{\mu} \quad , \quad \tilde{U} \quad H \quad H^+ \quad \hat{A}$$

Đ

$$(1) \quad M \quad \overset{v}{U}$$
 $\hat{E} \quad \hat{A}$
$$\varepsilon \quad \text{H} \quad \text{M} \quad \text{'E}_{\text{v}} \quad \text{H}_0 \quad \Psi$$
$$\mathbb{H} \quad \bar{w} \ddot{K} \neq \gamma$$