

Майнор. Астрофизика.

Семинар 7. (14.10)

(1) The panaec Gaia 54c (10%) V=15 Migarcos 100gc 10% -> 1 4cc 5 kgc: =7 " = 5 000 = 0.0002 1090 =7 " = 100 = 0.01

Jeans. Sit C) ETOT = EVAN+ EXH JETO Me cles. SO <0 | ETOT <0 cles. ZEKM+ Epot = 0 $N = \frac{M}{M_{\rm b}}$ 2-3/21-N=3/8 M= 4523 P (15 ET)/2 MS = SET RY = 3 MD TOK RT TO TO CM

 \angle ___ VH(P) . / 0 < 5 J60 = n 1/25

eme: La She + clevolæ a nomace whole dP = - FM(r) P(r) Food= -3 PV FM-L-R-R= (3 / M) 3 ~ M/3 P= Cons P = & & T = > & T = & & M2 mb = =

L= 50 0 1 = 45 (3 M 9) 0 (8 Mms) L ~ M²/3 M M ~ M³/3 L= Near Epean 23 ste Roll ~ M/L ~ M -2,... Crn ~ ZAMpg.res Lung. 2 14 may j. 25.

Ex ~ Frof Ex=3kt.w~ m. kt E = ((& dm, dm, r

) Myrkcaymu. 2 = DP => Cs ~ J/9 P-61/2 P~HR -3 Ppuls ~ P/Cs ~ 16p $|C_0|_{S} = 2\pi \left(\frac{1}{2} - \frac{1}{2$

V, \subset Bu ap2/c tieraguah V_{σ}

C= >> Bakon rmens. Bunc Mpeck~ = 5,87510 14 Vpear = T. Epeak = 3 let 10 K -> ~ 1 = B

Execut 200 eV 12 Je Frence ToeV 7. WSK $B(r,T) = \frac{2hr}{c^2} \frac{h}{h}$ ex=1+xxx1 $B(r, 1) = \frac{2hv^3}{2hv^2} + \frac{2hv^2}{2hv^2}$

Bunolanin x Coes V-sol Bunolanin x Coes V-sol Bunolanin x Coes V-sol Elyka SSI Bunolanin x Coes V-sol Elyka SSI Coes V-sol Elyka SSI Coes V-sol Coes V-sol