HW15 ay Tariok; Aurioomag: mg =100; Ru=3.1
Optically thin = Iv = (Buctals)] pals Kuls ds = BUCTDKUEd = BUKUPO Jds Since optically thin = Fu= ju.V (previous HW) PakubuV = Makubu=Tu ju=du Su

	1 2 2 T 4 4 4 4 4 4 2 2 2 2 2 2 2 2 2 2 2	(
	b, λ=? T=1 for Av=100mag	-
	Optically thin = To = fpd Kods = Kosid=1	-
	N(H) = 1.9.1021 for RD = 3.1 =) N(H) = 1.9.1021 AD	-
	AU Ed= MMHN(H) = 1.404.1.67.10.24. Av.1.9.1021	-0
	= 0.445 cm² q Table	-0
	= 1 Kv = 1/5d = 2.2472 cm²g-1 ~ > > 5.72.102 mm	_0
	= 10-25 ergs-10m 2Hz = 1.1027 Wm2	0
	1) = 600 Um : d = 186 m : Fn - O + Tv : T-10K	0
	FU= Md KDBU & Md= FUDZ = 1850 = 4166.1018 m	0
	D2 Ku Bbc = 2hc2 1 = 0.227w·m?ster	9
	De Kubb = $2hc^2$ 1 = 0.227w·m ² ster Table λ^5 etc/AKT 1 λ^5 etc/AKT 1 λ^5 etc/AKT 2 λ^5 etc/AKT 2	6
	$\approx 0.2775 \text{ m}^2 \text{kg}^{-1}$	6
	-) Hd = 1.5-27 (D m/2 . (4.166.1018)m/2 = 2.755.10" Kg	Ø
	-) Md = 1.527 W m/2 . (4.166.1018) m/2 = 2.755.10" kg 6.2775 m/2 kg-1. 6.227 W. m/2. ster:	0
Ter .	mg =100 = mg = 2,755.1013 kg	9
- 14	md = 2,783.1013 kg = 14	6
Sign 1	Only 50% form \$ 1 M/2 = 1.89.1013 kg	6
		9
	0.08 Mo = 0.08.1.99.1030 kg = 1.59.1028 kg >714	- 6
	= This gas+dus+ thingy can't form brow drawf = no	-
	detection.	-6
		(
N. B. C.		1