Tosh Whitehead NUC 3100 $\frac{(w-x)_i \times_i b_x (1-b)_{w-x}}{H^{\infty}}$ where ~ = 12 : P(8) = 12! 8!(0.5)8 (1-2) 12.1% men X : pn = 11,25 n 215 P = 0.75 10 = variance = X = 11.25 std der: JO2 = J11.25 = 3.35 3) $b(x) = \frac{(0-x)(x)}{(1-b)} b_x (1-b) b_{-x}$ P(0) 216,2% P= 16

Josh whitehead Just John Rock 00/5 JUN Hw5 H a, b, e, d m= 871-6242 247 O= (871+624 = 38.7 :. n 247 + 38.7 For 10 min Source + baltground! 753-10-502 counts .. n = 502 - 58 = 444 O- 1 SOZ+58 - 23.7 : ~ HUH +237 HH.H+237 Counts re-5.350 ans-5350 12.42 5 125.085 2152.1 counts NO= 4.653 ONB = 4.653 JAS.45 MDA - ND - 304,2 0.15 (45.60) 0.85 ~ 0.884 Bq

- Josephin	W TROES		2057	whitehead
-		4. 6		
2	14w5			
0	Pulse - Separate electrical pulse is generated For each interaction			
9	to each interaction			
3	Current - mensures interaction rate X charge guerated			
79	Sell of the A charge granter			
-		18.2	0,010	
	MSV - Blocks standy State component and squares			
9	the varying component which is proportional			
10				
		STATE OF THE STATE		-
	Party State	mad himse		(a)
1		J. man	che-(n) L	
0.0	Pulse	Current	MSV	
Pro	Preserve into	usery for high	- Detect Masses	
	on energy and	event rates	Alberrapergrakion	
	timing of	27 (on) - 2	mixed radiation	
•	each event	2971-	The state of the s	Ť.
-	- Good Every	1	7/-	1
9	resolution (l + ((m) al + y/s	- 560) NE	
Con	1 2 441	- 51		
W.	for high	- Slow response	Colo I to	
	adaption benefix	to rapid	-not good for	
3	MANNEY MENERS	Changes in	shutifum llows	
9		radiation	events	
9			028751=000	
-	100000-0-			
	10000			
1				
		1 1 3	110 0 -	
	/ = 30x10.5 -/			
		A second		

Josh whitehead brother too Hw 5 AARD ENDS - 490-435= \$5 - 92/19 · Ryss = 55 - 0.1264 concert - trained between erude Rygo = 55 = 0.1122 11.22 612.64) -7/11.2/o 10 Jon- (on) - lond - (on) il may = - 10 = - 16 + 1 (00) - 16 = 300 - 2 (10) de -1 + ext - h (mo) + ext h(m) 3h(n) = 2 xt (4+ h(m)) + h(m) 6×6-1 X= 1/21 + t=40 m, = 93344 ~ = 13+340 7 No-200,691 min -2.01x105 -

Josh whitehead ルン・ニュ チェ 1- 三 一 7 7 - 1-19000 - 2.63×10 Sec :. 50000 = = = = = T = 50000 e-1 = 7.36×W-6 sec