N-> p+e-+Ve Decalmento B (() pete) = 24 1/4:12 P(E) | EL=E: Regala d'ovo di Fermi P(E) = S(Ef-Ei) dy HT = GF 11> = 1n> (f) = 1peve> Mfi = -i f d3r fpfe fr GF fn = -i GF fdr fryn te tre Le = e i p.r V = e i q.r 百里尼 有三克 E KYLO Pe = e (P+9). FL s E' 1 P+9 1

Ei= Mx = My+Ky+ Ee+ EV = Ef

ET = MX-MY = Ee+EV enersic tresferite 17/ ~ 1 fm n→pfetre wn-mp= 1MeV

17+91.121 = 1 Merx 1 Pm ~ 1 Mer 700 Mer \$ e (P49). P = 0 (1949. P)) 4 - $Mf_{i} = -i\frac{G_{i}}{V} \int_{V} d^{3}v \, \psi_{p} \, \psi_{n} = -i\frac{G_{f}}{V} N$ Calcolo teorico NI y 1 te z eijo. v 1 d3 14 = 1 Le a tro 4e = 100 e 17.7 Mf:=-i GFN | Mf: | = Mf: Mf: = GF | NN|2 P(E): densité degli stati 0 = Py + Pe + Pu Conserv. dust in pulso. Py = - (Pe+Pv) Rillato => x non he gradi d' 166. X -> y + e +V. O Py+Pe+P 1841 20 = Pe 2-Pie pril fecto du

$$\frac{1}{\sqrt{\frac{1}{2}}} = \frac{1}{2} \ln \left(\frac{1}{2} \times \frac{1}{2} \right)$$

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$$=>$$
 $P_X = N_X \frac{TT}{L_X}$

$$N_{S} = N_{S} + n_{S} + n_{S} = N_{S} = N_{S} + n_{S} = N_{S} = N_{S} = N_{S} + n_{S} = N_{S$$

$$d^{3}P = dP_{X}dP_{Y}dP_{T} = \frac{\overline{u}^{3}}{L_{X}L_{Y}L_{Z}} du_{Y}du_{Z} = \frac{\overline{T}^{3}}{V} dh$$

$$\int_{\mathcal{R}} Gu P^2 dP = \frac{T^3}{V} dN.$$

$$\Rightarrow du = \frac{V}{(2\pi)^3} 4\pi P^2 dP$$

$$\delta(-) \quad q^{2}dq \quad p^{2}dp \longrightarrow \frac{V^{2}}{(2\pi)^{6}} (\hbar \sigma)^{2} (E_{1}-E_{2})^{2} p^{2}dp$$

$$\rho(E) = \frac{V^{2}}{(2\pi)^{6}} (4\pi)^{2} \int (E_{1}-E_{2})^{2} p^{2}dp$$

$$E^{2} = p^{2} + m^{2} \implies EE dE = kPdP.$$

$$e^{1} = kPdP = kPdP.$$

$$e^{1} = kPdP.$$

prendere cerso ET=MX-MY > 1 abb- grende. Te = Pe >> me ((ET-EL) E E E e dE e d (ET) 5 = (MX-MY) TI(X-YEVE) & GF (MX-MY)5 Regola di Sargent r→ e Je VM y - E = D(rne Very) & GF (My) S ET = MJ - MV = MM T & GF MM $MV \neq 0 \Rightarrow E_{\overline{l}} = M_{X} - M_{Y} - M_{V}$ M Gréfico di Kuvie endpoint

