$$\int (x^{2}+1)(x^{3}+3x)^{4} dx \qquad \int (x^{2}+1) v^{4}(\frac{1}{3}dv)$$

$$U = x^{3}+34$$

$$du = 3(x^{2}+1)$$

$$\frac{1}{3}dv = x^{2}+1$$

$$29. \int 5^{4} 2en(5^{4}) dt \qquad \int v un(v)(\frac{1}{4n(5)} dv)$$

$$U = 5^{4} dv = 5^{4} ln(5)$$

$$\frac{1}{4n(5)}(-con(v))$$

$$\frac{$$