5.2 
$$\beta_{x} = 18 \text{ m}$$
  $K = 3.7$ 
 $E_{x,n} = .4 \times 10^{-6} \text{ m}$   $\lambda_{u} = .03 \text{ m}$ 
 $E = 13.6 \text{ GeV}$   $K_{\beta x} = V_{\beta} = \frac{1}{1000} \text{ m}$ 
 $V = \frac{1}{1000} = 26614$ 
 $V = \frac{1}{1000} =$ 

Ox & Xw

Matched beam size is approximately equal to the Wiggle amplitude. This makes sense as both are faintions of Bx.