

CHROMATICITY FACTOR FOR THE SPS FAST INSTABILITY

E. Metral

PARAMETERS USED

$$p = 26 \text{ GeV}/c$$

$$f_{rev} = 43.4 \text{ kHz}$$

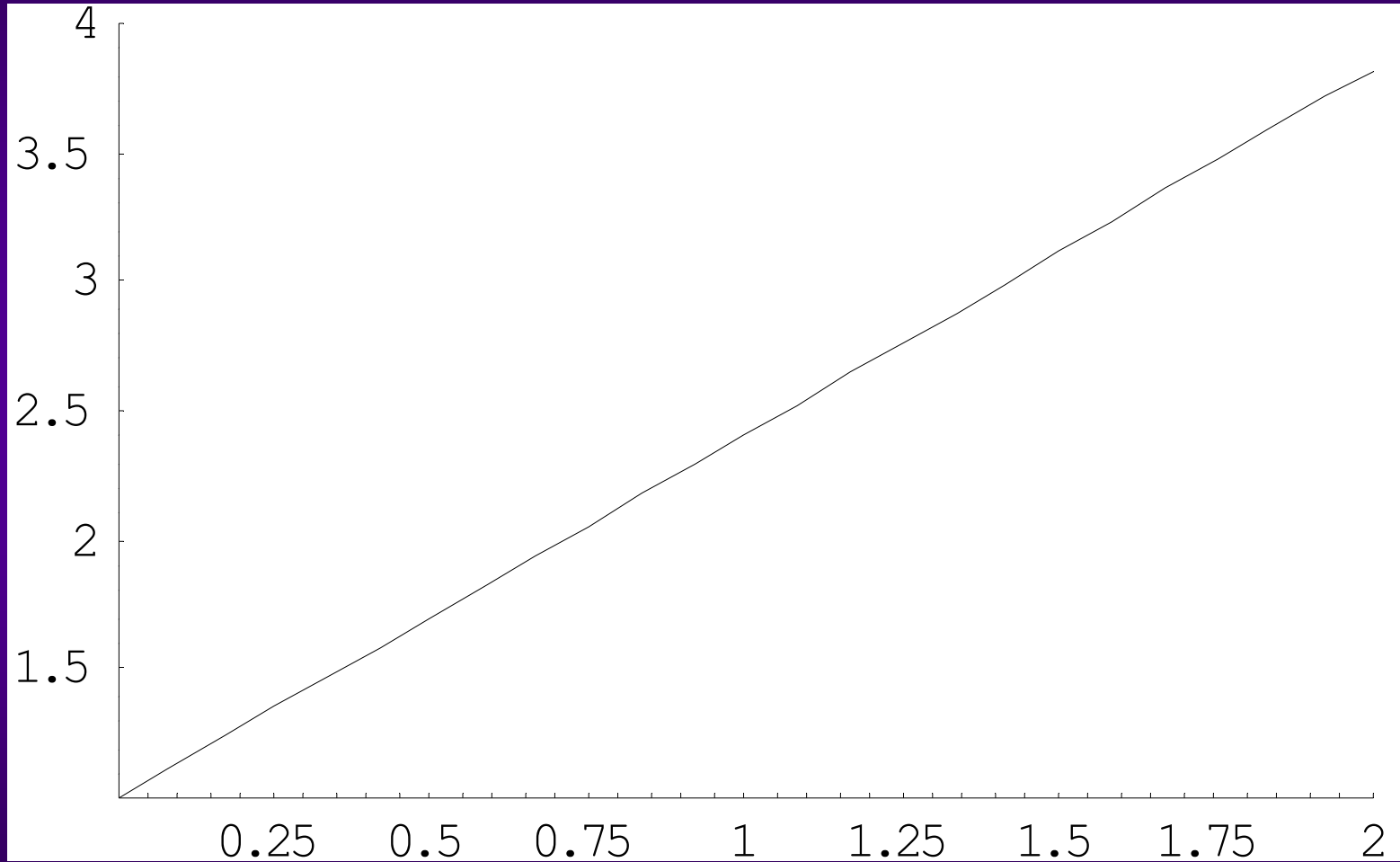
$$\gamma_t = 22.83$$

$$Q_y = 26.13$$

$$\Rightarrow \eta = 6.18 \times 10^{-4}$$

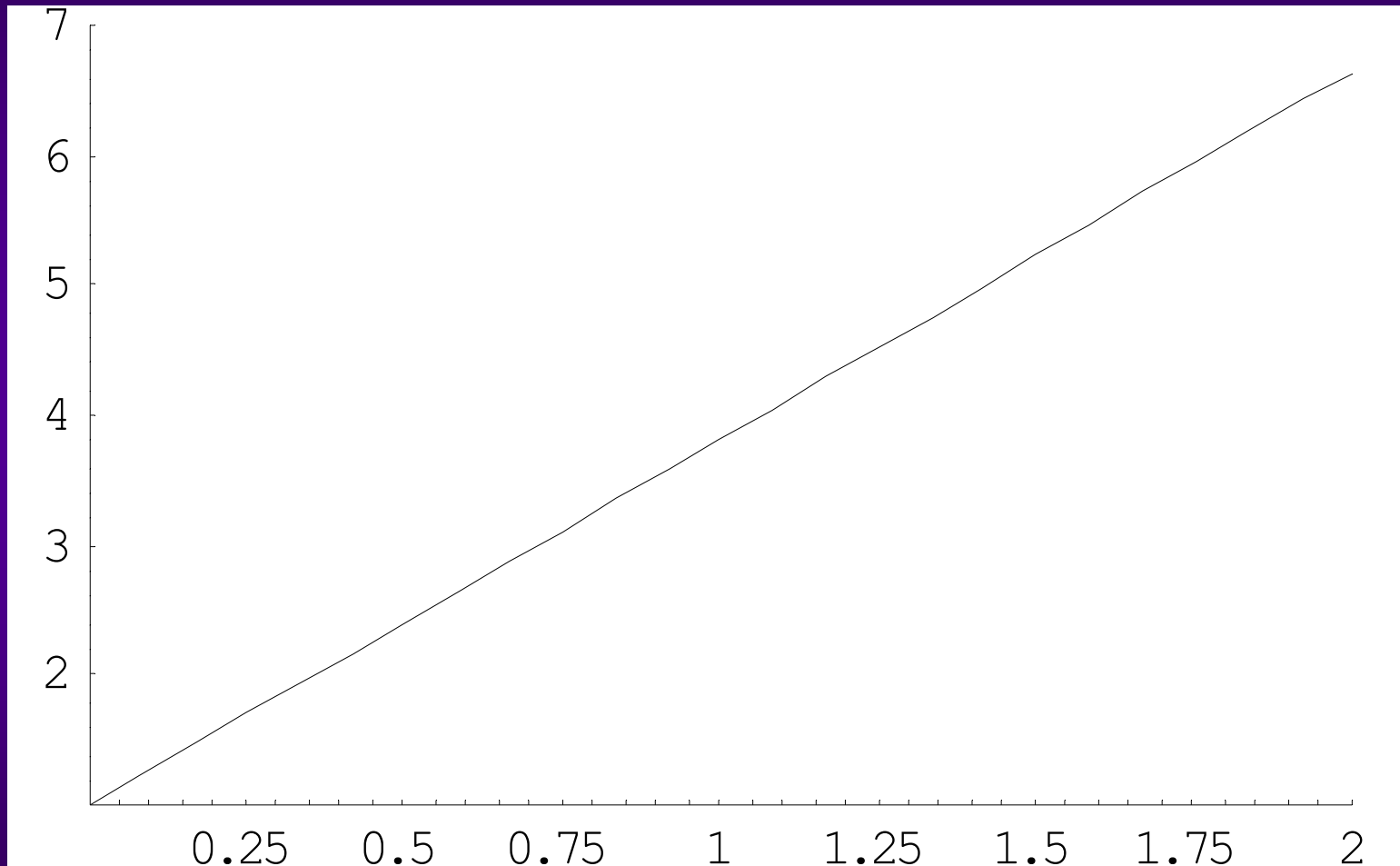
$$F = 1 + \frac{f_{\xi_y}}{f_r}$$

$$f_r = 1.3 \text{ GHz}$$

 ξ_y

$$F = 1 + \frac{f_{\xi_y}}{f_r}$$

$$f_r = 0.65 \text{ GHz}$$

 ξ_y