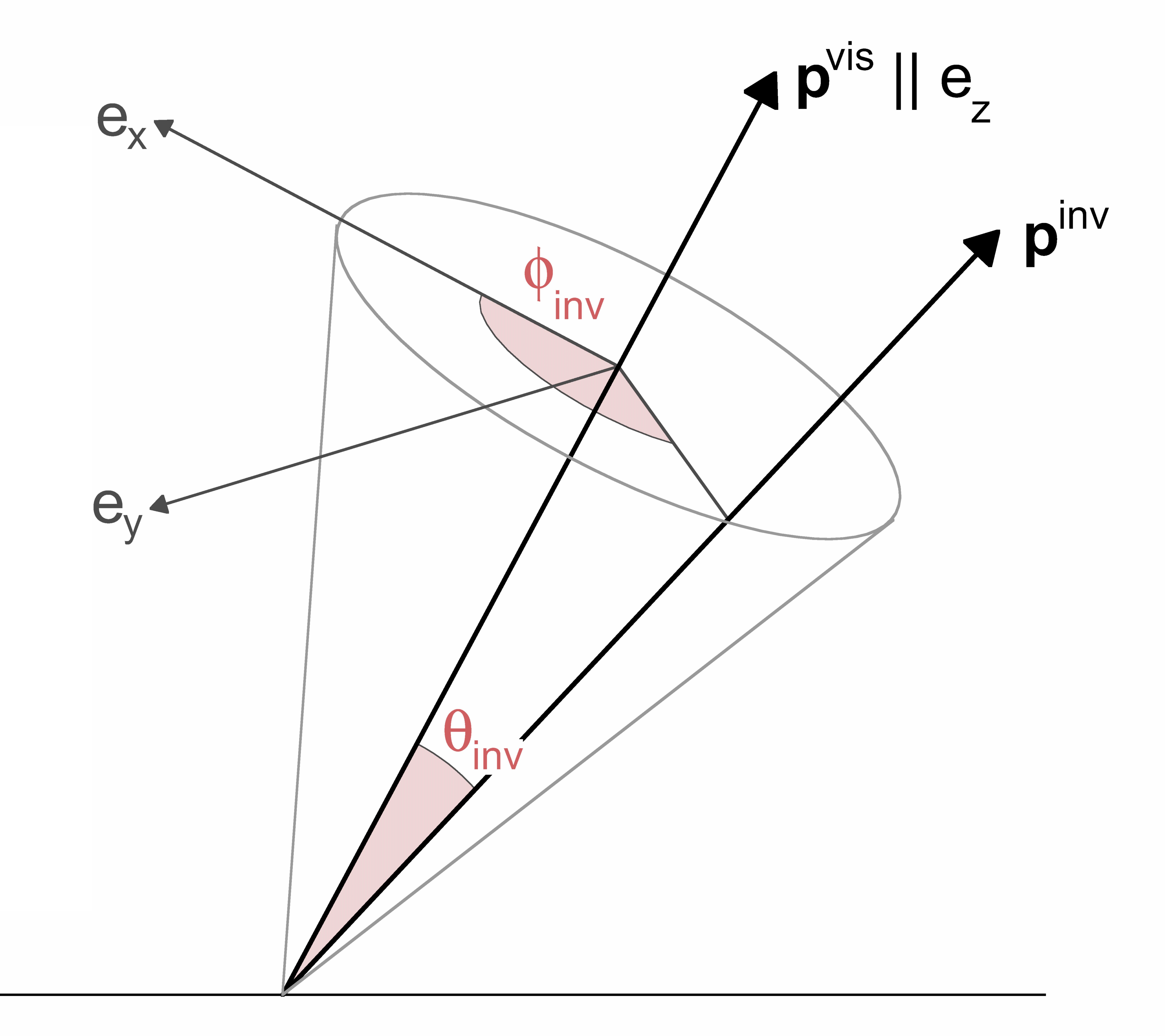
$$e_z = \frac{\mathbf{p}^{\text{vis}}}{|\mathbf{p}^{\text{vis}}|}$$

$$e_y = \frac{e_z \times (0, 0, 1)}{|e_z \times (0, 0, 1)|}$$

$$e_x = e_y \times e_x$$



beam axis