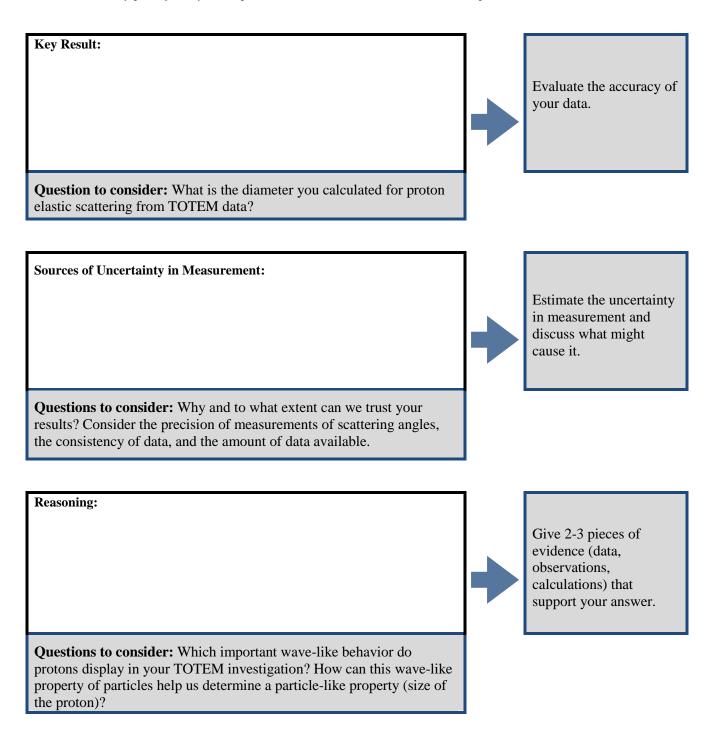
## **Student Report: TOTEM Data Express**

What is the key physics idea behind this investigation?

Please attach any plots from your experiment and calculations made, with explanations.



## Implications:

Use scientific principles to explain *why* you got these data. Use and explain relevant scientific terms. What is the value of what you learned?

**Questions to consider:** How might this method work for determining the size of other particles? Might all moving objects have wave-like properties? (Hint: For larger particles, what might be the relative wavelength?) How could you use this evidence to convince someone that a particle can also have wave-like characteristics?