The R2-value of the predicted model is 0.9192437447080442.

The R2-value of the predicted squared model is 0.9984915694986646

The model that fits better is the squared model. This is apparent in the visual model and through the R2-value, as the model almost precisely overlays the plotted points, and the R2 value is closer to 1 than the regular predicted model.

Applying a log transformation to this data for modeling purposes might be helpful because it can help distribute the data more evenly. As the raw data involves many varied amounts, applying a log transformation makes it easier to interpret as a model.