Sensitivty Analysis - Launch Angle's Effect on Downrange Distance

Downrange Distance (m) vs θ [°]

Legend:
- ○ Distance Acheived with varied θ
- ·······Practical Low Limit on $\theta = 10$ [°]
- ·······Practical High Limit on $\theta = 80$ [°]
- ☆ Optimal $\theta = 46.1$ [°]