

Data Input

Upload File

Gaussian .log, ORCA .out, CSV, or TXT

Manual Entry:

Angle (°)

Energy (kJ/mol)

Add Point

Angle (°)	Energy	Action
10.0	30.000	
30.0	12.000	
45.0	50.000	

Analyze

CSV

Report

Clear

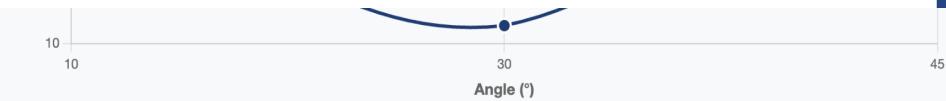
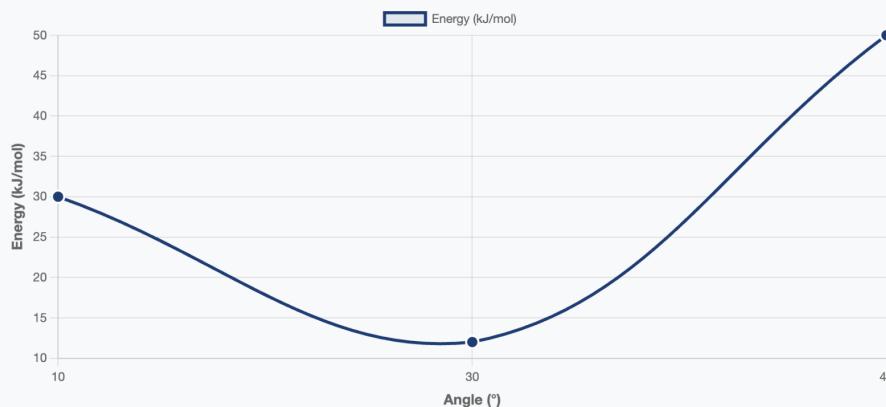
Global Minimum**Energy:** 12.000000 kJ/mol**Angle:** 30.00°**Statistics****3**

Data Points

38.00

Energy Range (kJ/mol)

Interactive Visualization



Advanced Analysis Results

Global Minimum

Angle: 30.00°

Energy: 12.000000 kJ/mol**Local Minima (1)**

Minimum 1: 30.00° | 12.000000 kJ/mol | Relative: 0.0000 kJ/mol

Generate Annotated Plot

Download Plot

Conformational Stability

Summary

Most Stable Conformation:
Angle: 30.00°
Energy: 12.000000 kJ/mol

Least Stable Conformation:
Angle: 45.00°
Energy: 50.000000 kJ/mol

Stability Range:
38.0000 kJ/mol (9.0822 kcal/mol)

Boltzmann Population (top 3)

The populations correspond to the points in the input dataset (index starting at 0).

1. Point index 1: 99.9301 %
2. Point index 0: 0.0699 %
3. Point index 2: 0.0000 %

Full Boltzmann Populations

Index	Population (%)
0	0.069899%
1	99.930079%
2	0.000022%