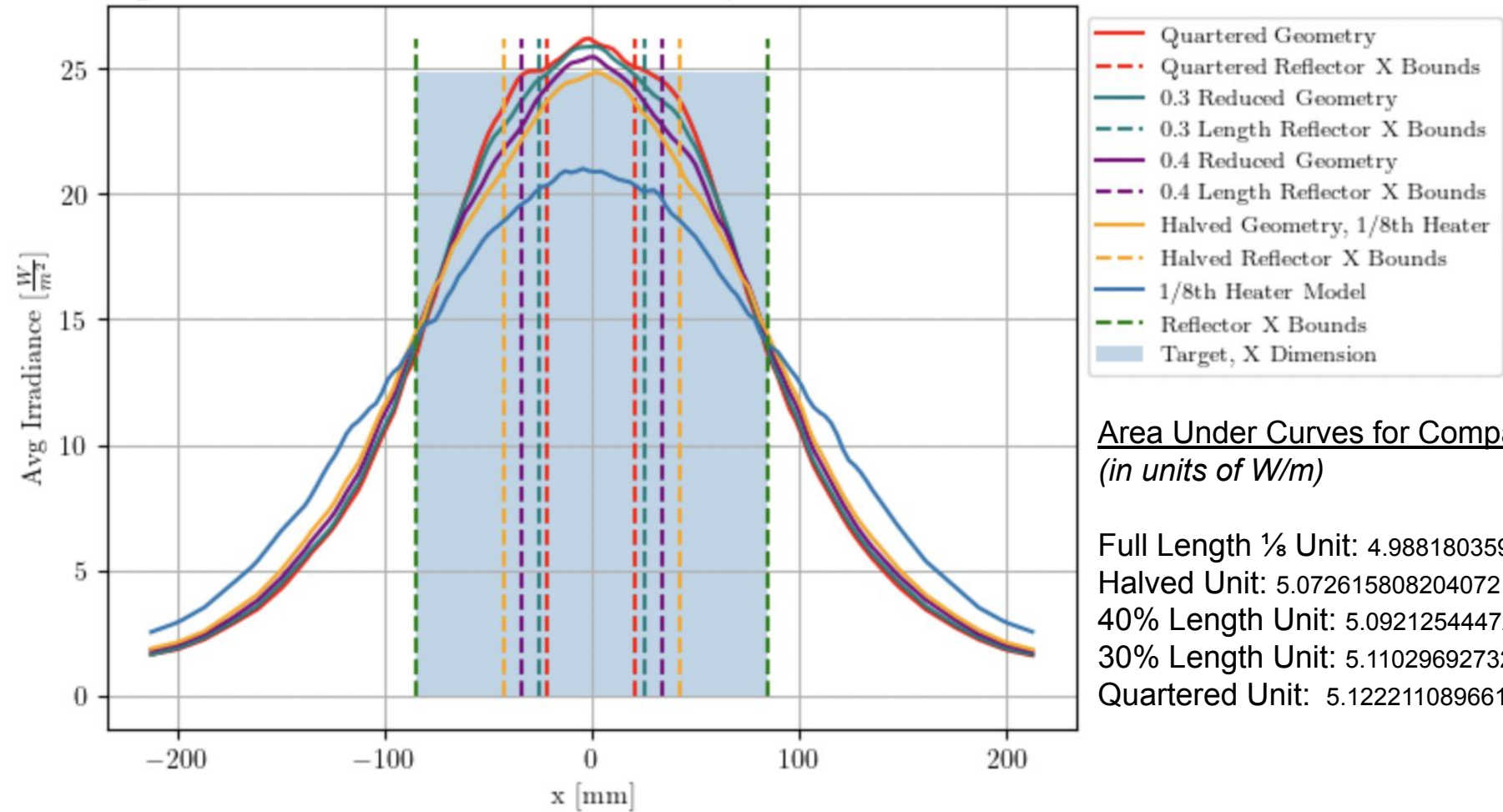


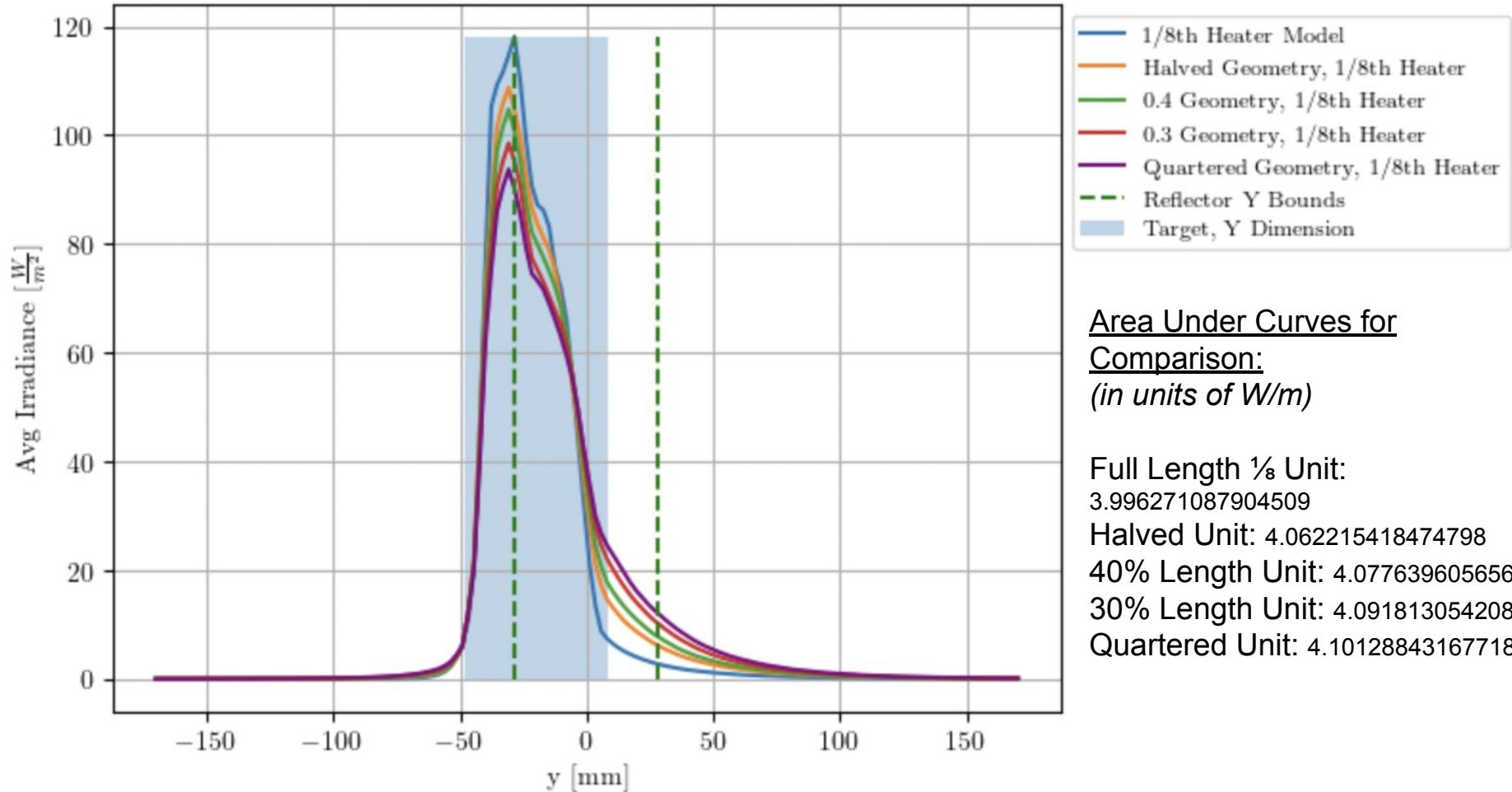
Average Horizontal Distribution of Irradiance: 1/8th Heater Extruded Model



Area Under Curves for Comparison:
(in units of W/m)

Full Length $\frac{1}{8}$ Unit: 4.988180359828554
Halved Unit: 5.072615808204072
40% Length Unit: 5.092125444722964
30% Length Unit: 5.110296927327112
Quartered Unit: 5.122211089661336

Average Vertical Distribution of Irradiance: 1/8th Heater Extruded Model



Area Under Curves for Comparison:
(in units of W/m)

Full Length $\frac{1}{8}$ Unit:

3.996271087904509

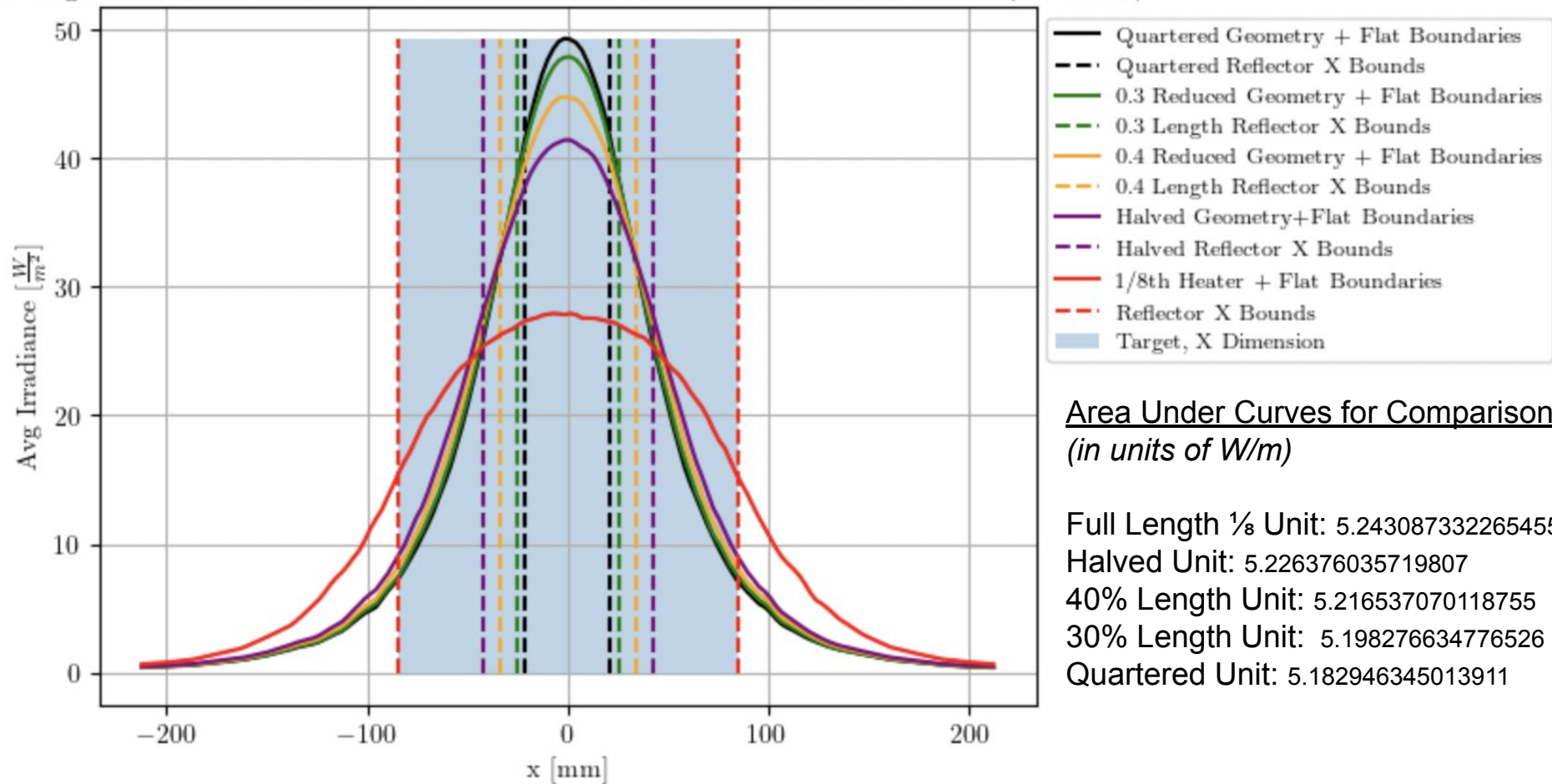
Halved Unit: 4.062215418474798

40% Length Unit: 4.077639605656323

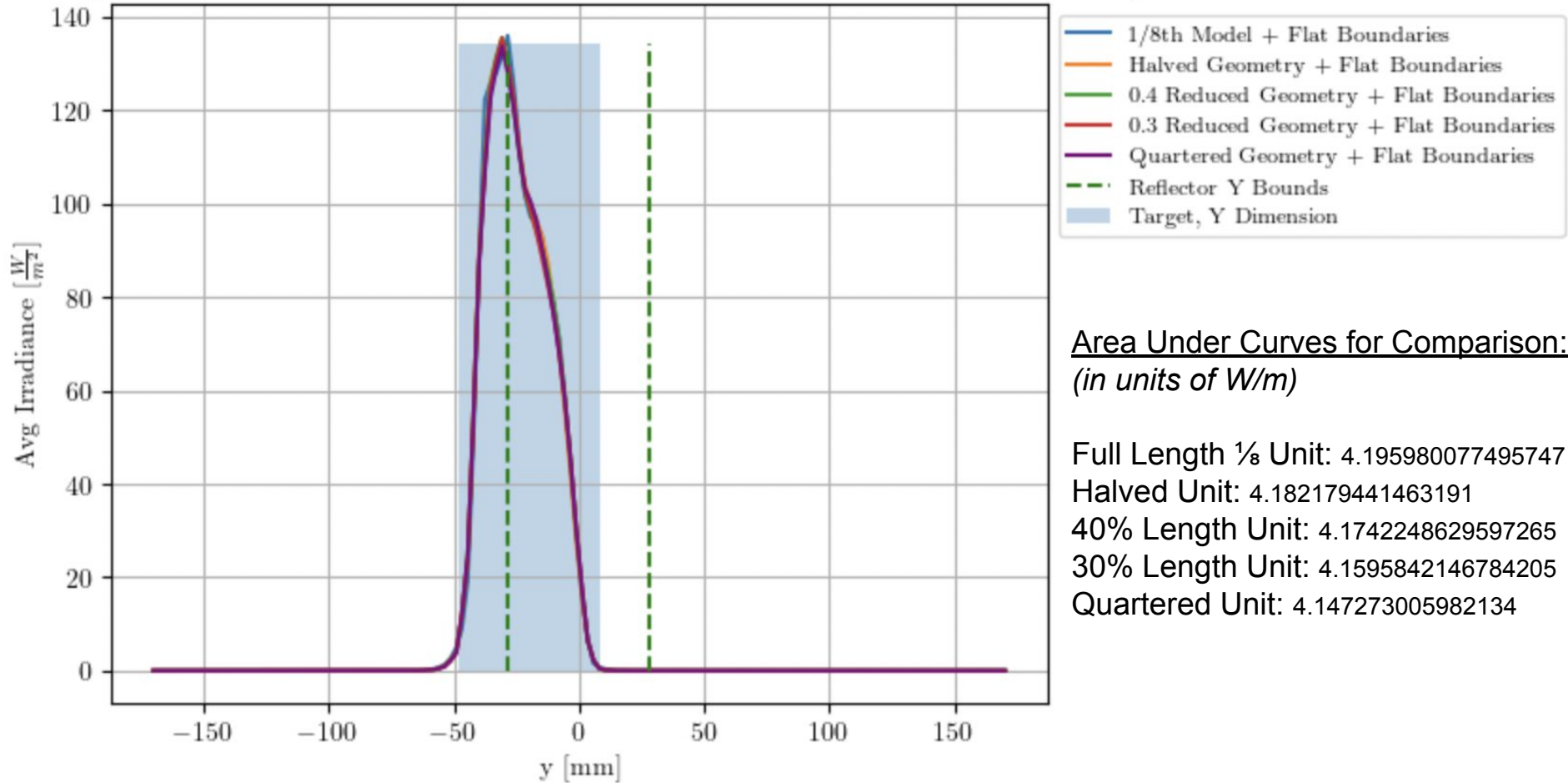
30% Length Unit: 4.091813054208512

Quartered Unit: 4.1012884316771805

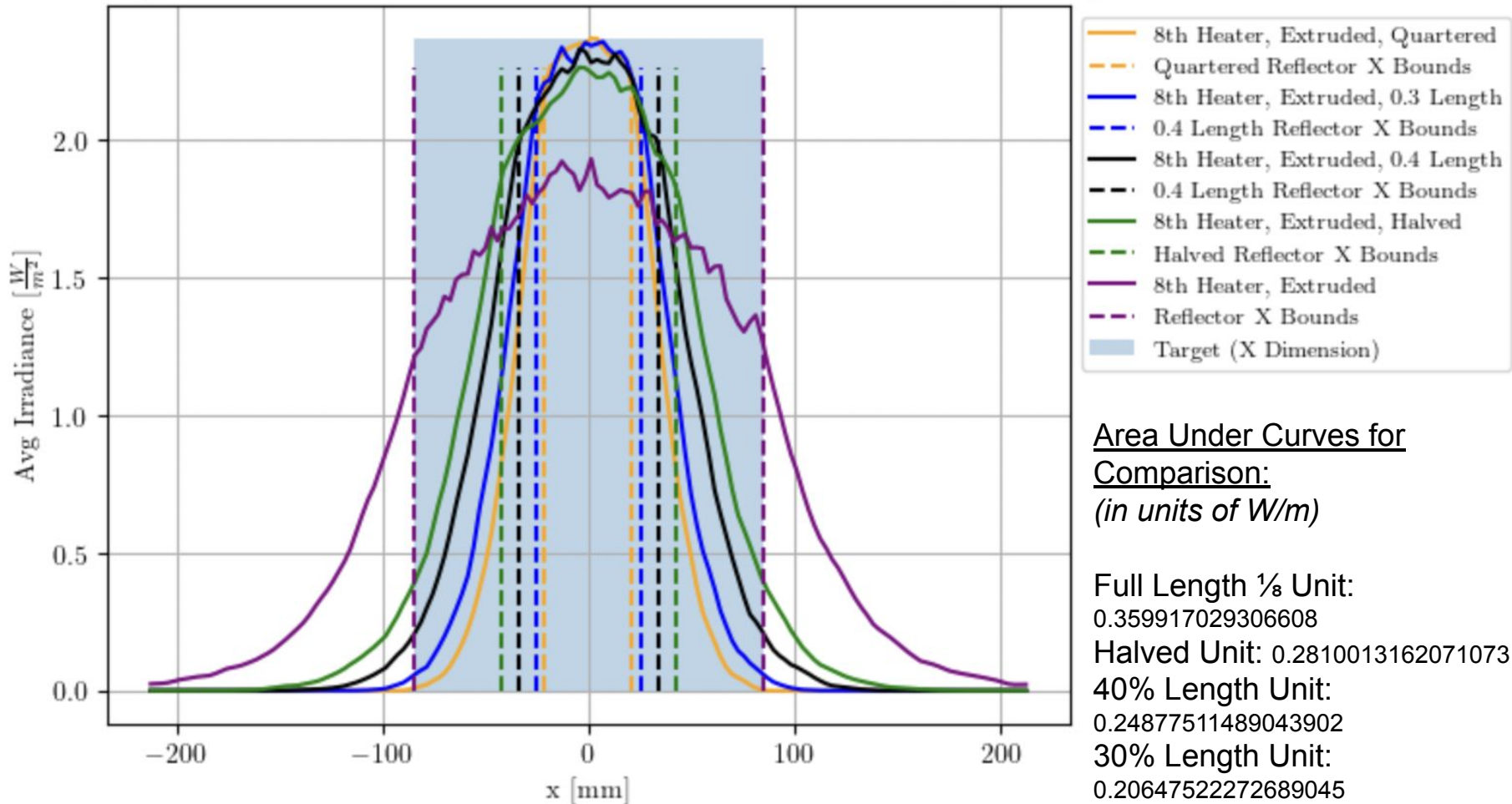
Average Horizontal Distribution of Irradiance: 8th Heater Extruded Model (Bounded)



Average Vertical Distribution of Irradiance: 8th Heater Extruded Model (Bounded)



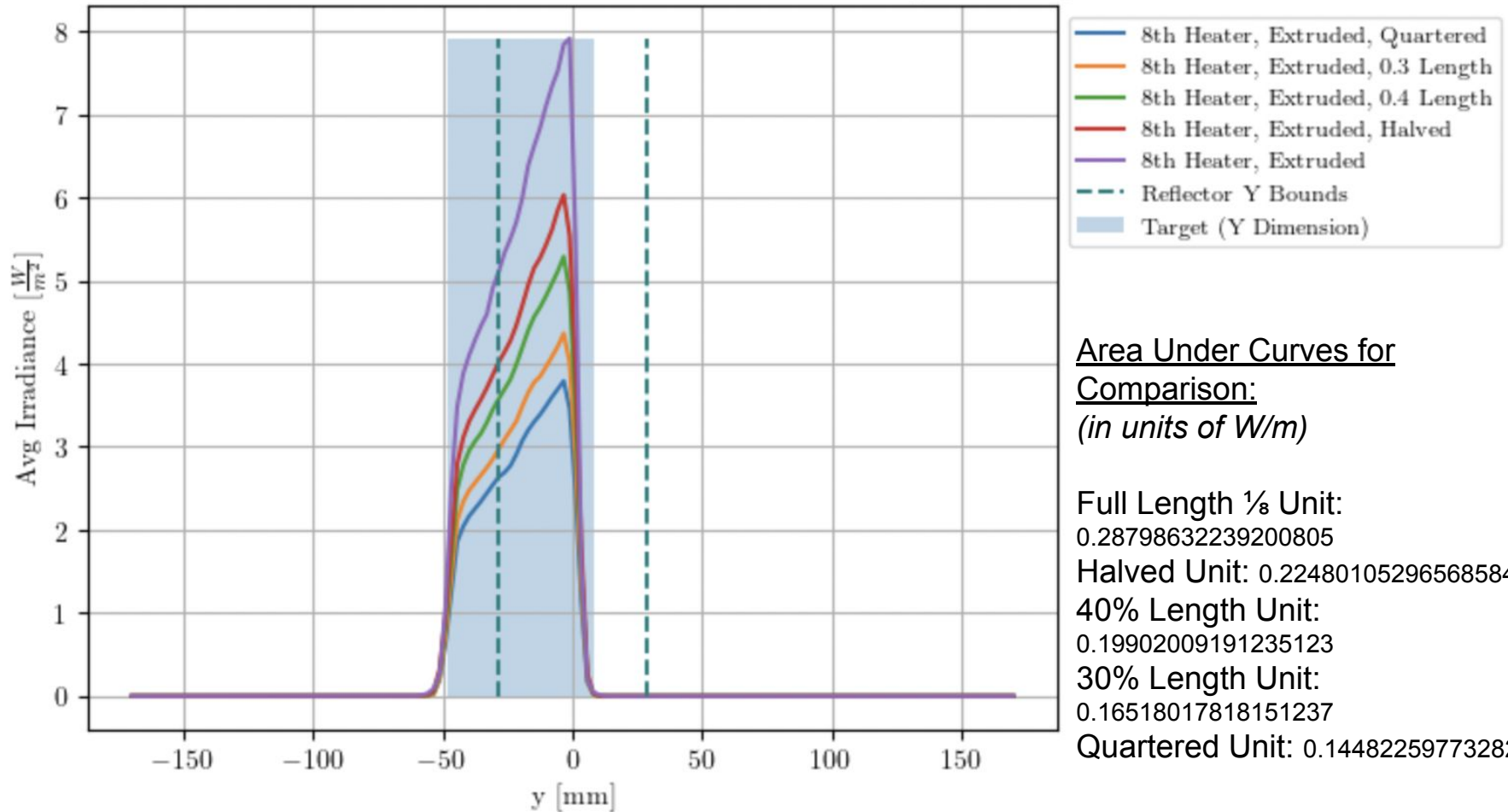
Average Horizontal Distribution of Irradiance: Direct Bottom Aperture Rays



Area Under Curves for Comparison:
(in units of W/m)

- Full Length $\frac{1}{8}$ Unit: 0.359917029306608
- Halved Unit: 0.2810013162071073
- 40% Length Unit: 0.24877511489043902
- 30% Length Unit: 0.20647522272689045
- Quartered Unit: 0.18102824716603522

Average Vertical Distribution of Irradiance: Direct Bottom Aperture Rays



Area Under Curves for Comparison:
(in units of W/m)

Full Length 1/8 Unit:

0.28798632239200805

Halved Unit: 0.22480105296568584

40% Length Unit:

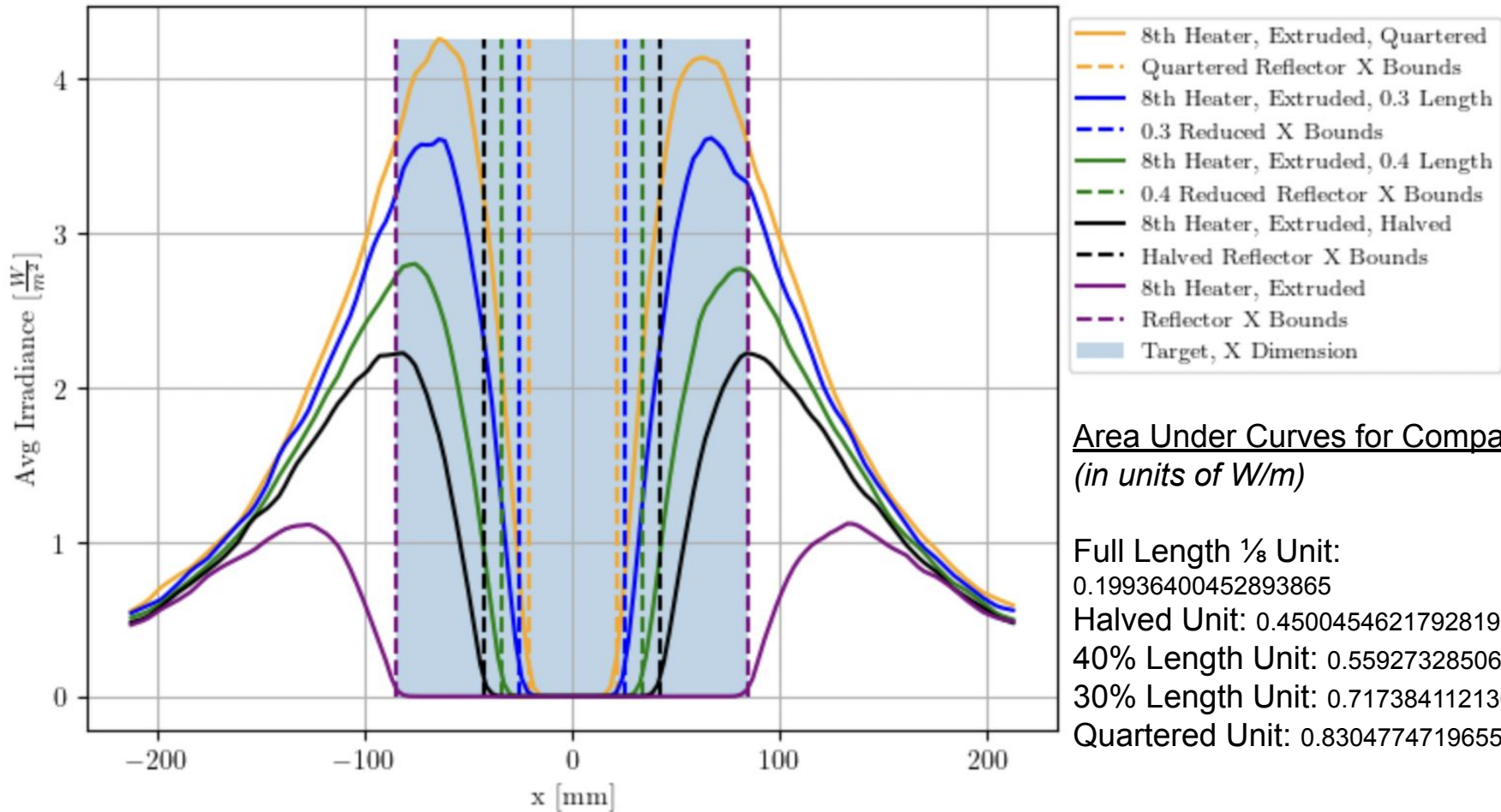
0.19902009191235123

30% Length Unit:

0.16518017818151237

Quartered Unit: 0.14482259773282818

Average Horizontal Distribution of Irradiance: Direct Edge Aperture Rays



Area Under Curves for Comparison:
(in units of W/m)

Full Length $\frac{1}{8}$ Unit:

0.19936400452893865

Halved Unit: 0.45004546217928193

40% Length Unit: 0.559273285065193

30% Length Unit: 0.7173841121300857

Quartered Unit: 0.8304774719655866

Average Vertical Distribution of Irradiance: Direct Edge Aperture Rays

