

Program EVALPLOT
(Version 2018-1)

by

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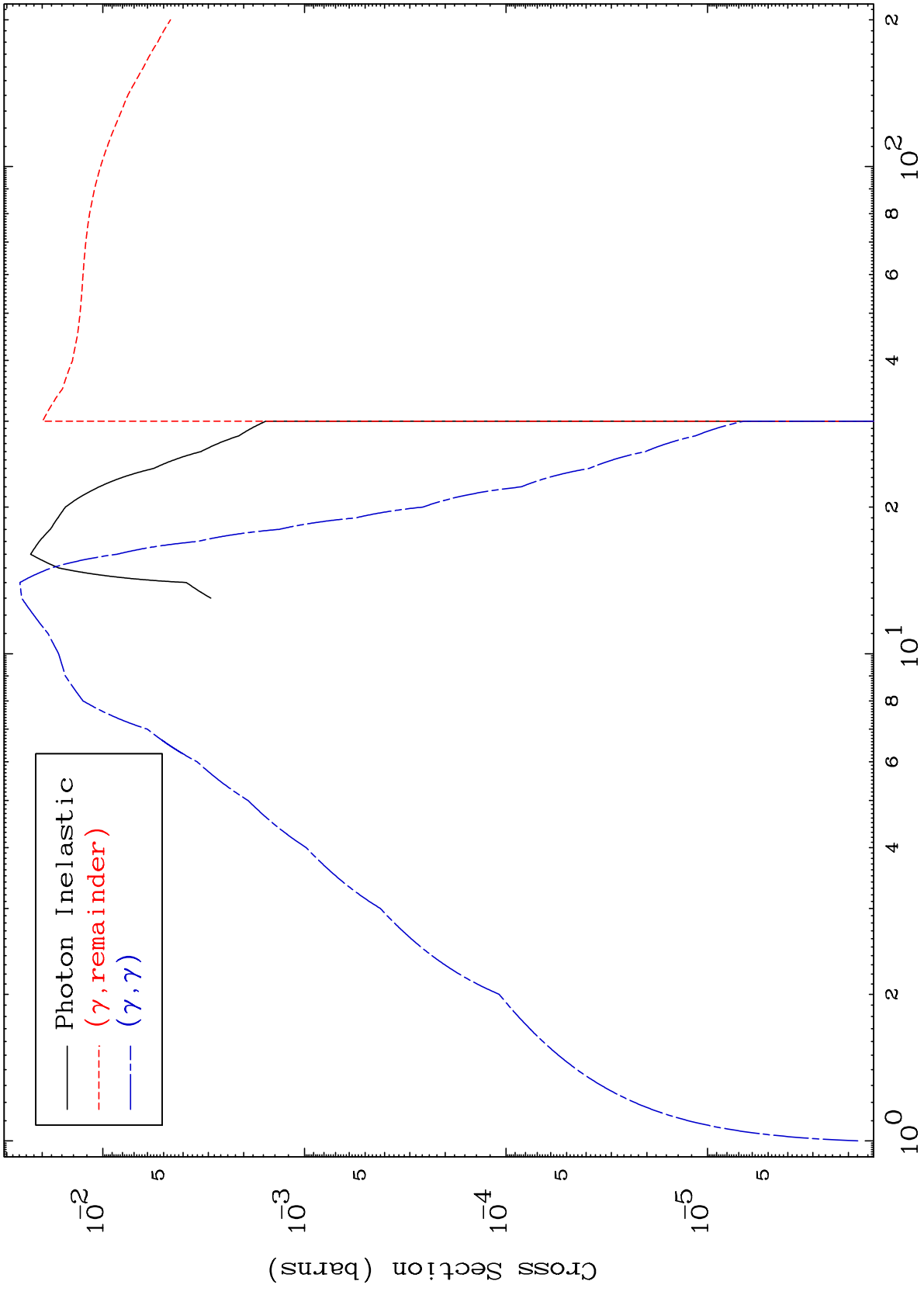
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6595

Photon Major
0 Kelvin Cross Sections

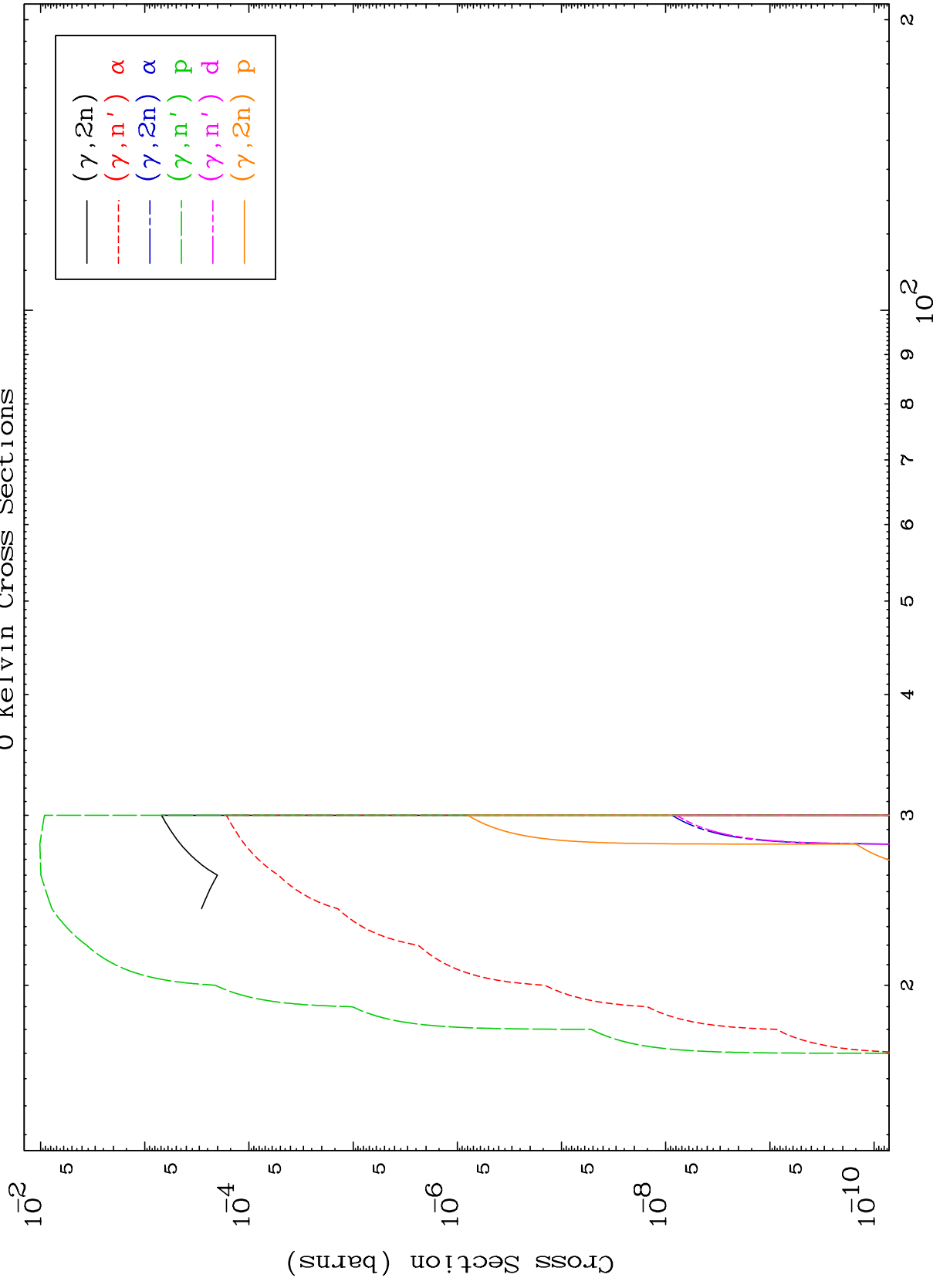
66-Dy-146



Photon Inelastic
(γ, remainder)
(γ, γ)

Incident Energy (MeV)

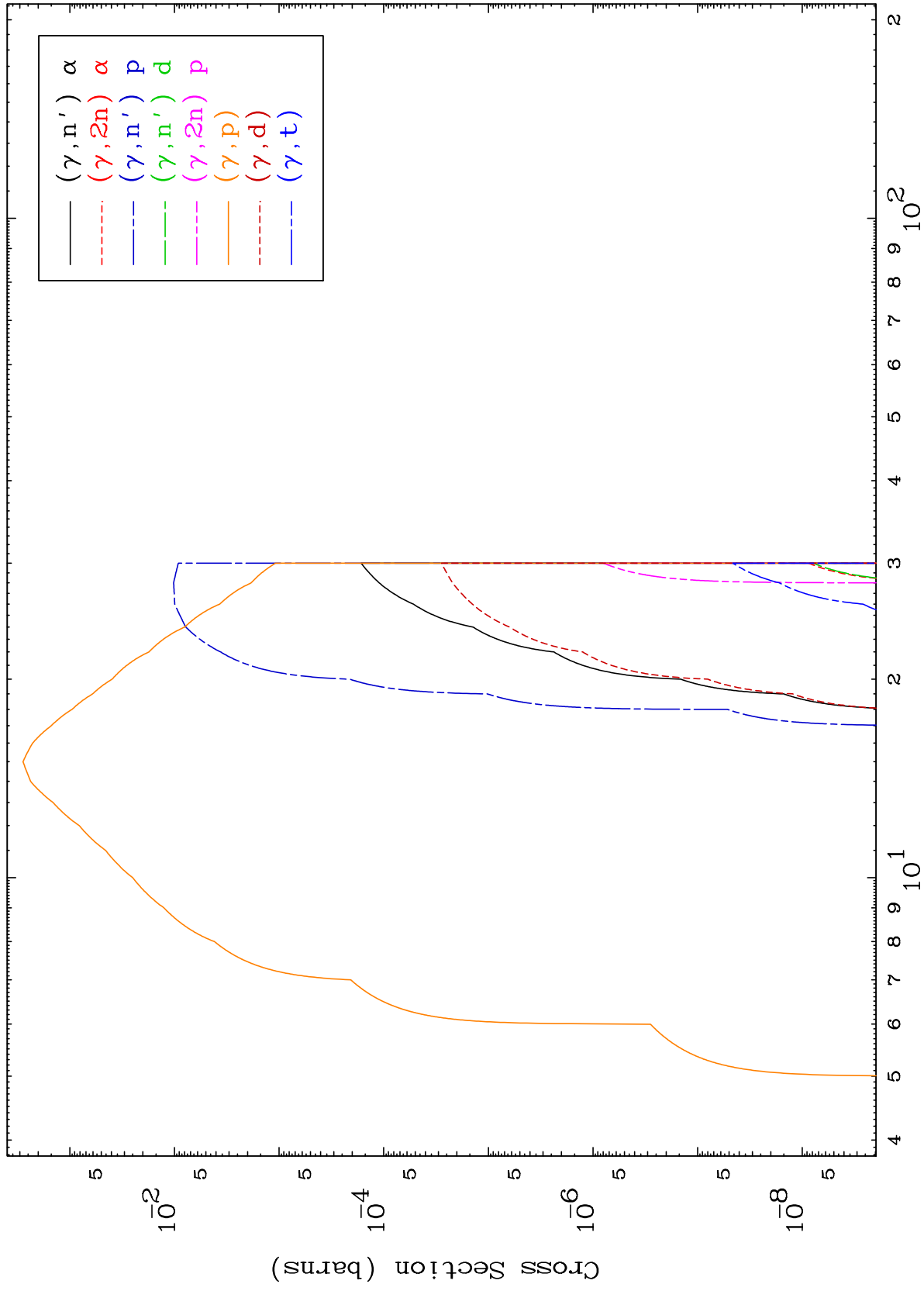
66-Dy-146



MAT 6595

Photon Charged Particle
0 Kelvin Cross Sections

66-Dy-146



3

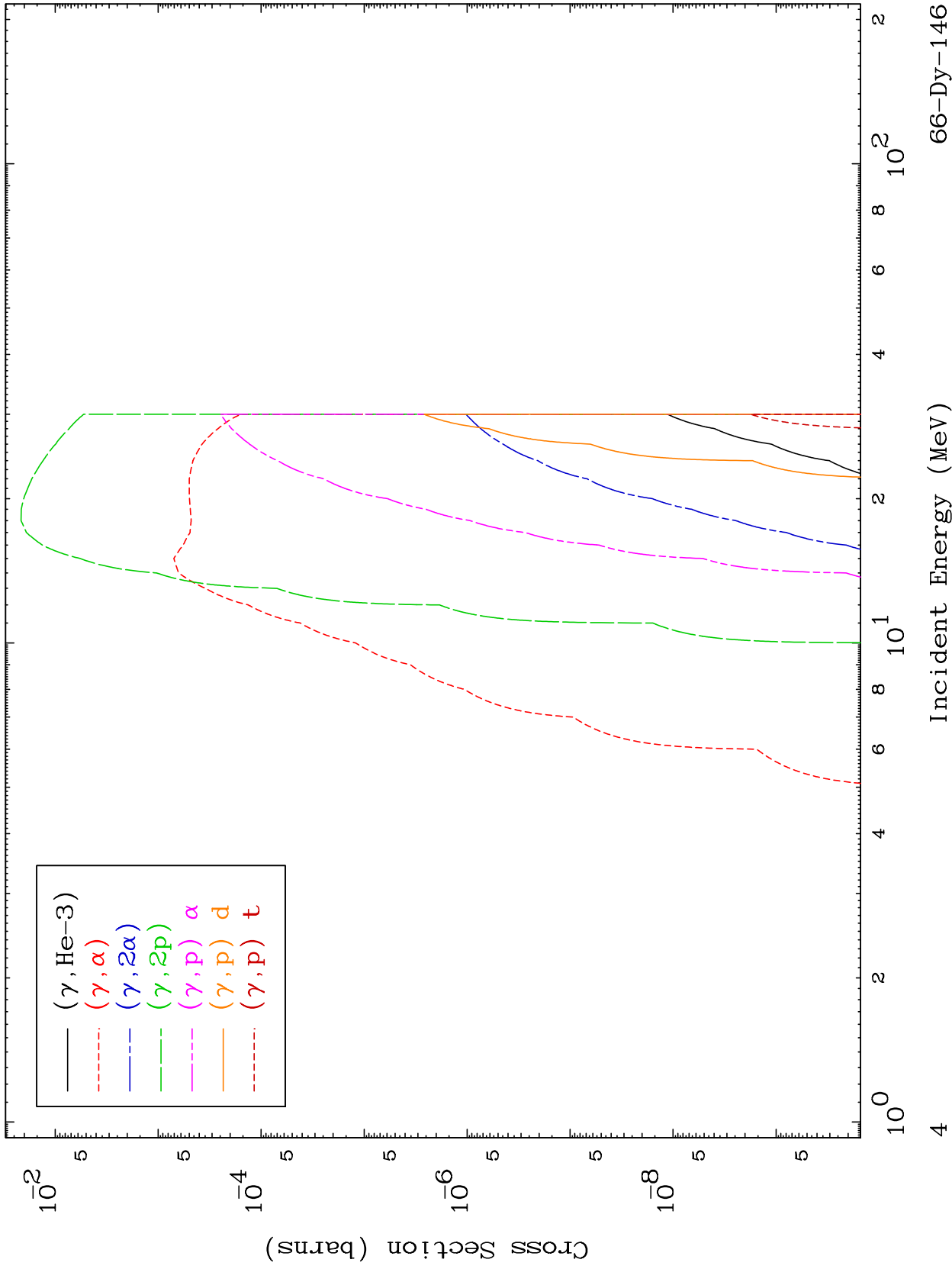
Incident Energy (MeV)

66-Dy-146

MAT 6595

Photon Charged Particle
0 Kelvin Cross Sections

66-Dy-146

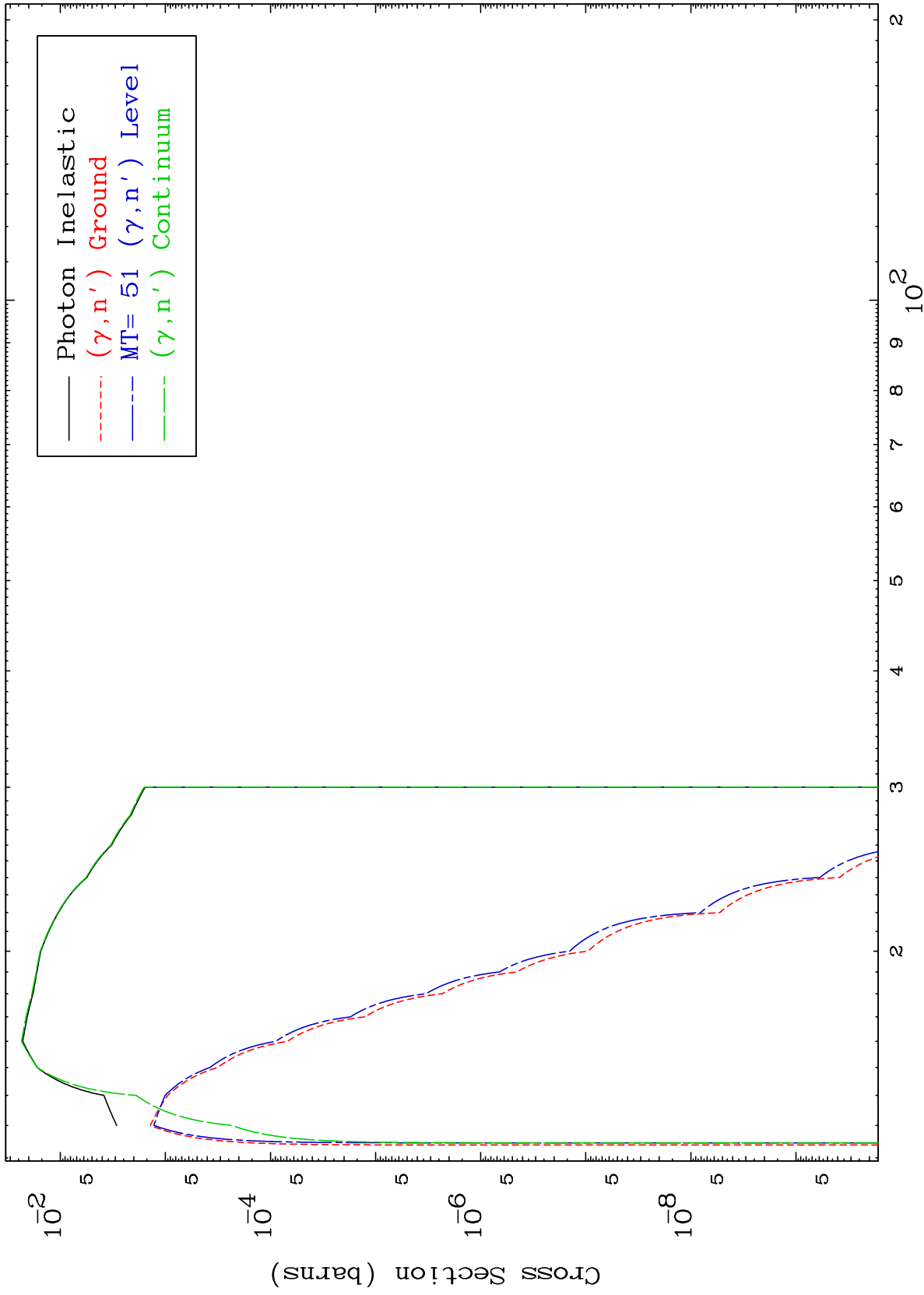


66-Dy-146

MAT 6595

(γ, n') Level
0 Kelvin Cross Sections

66-Dy-146



5

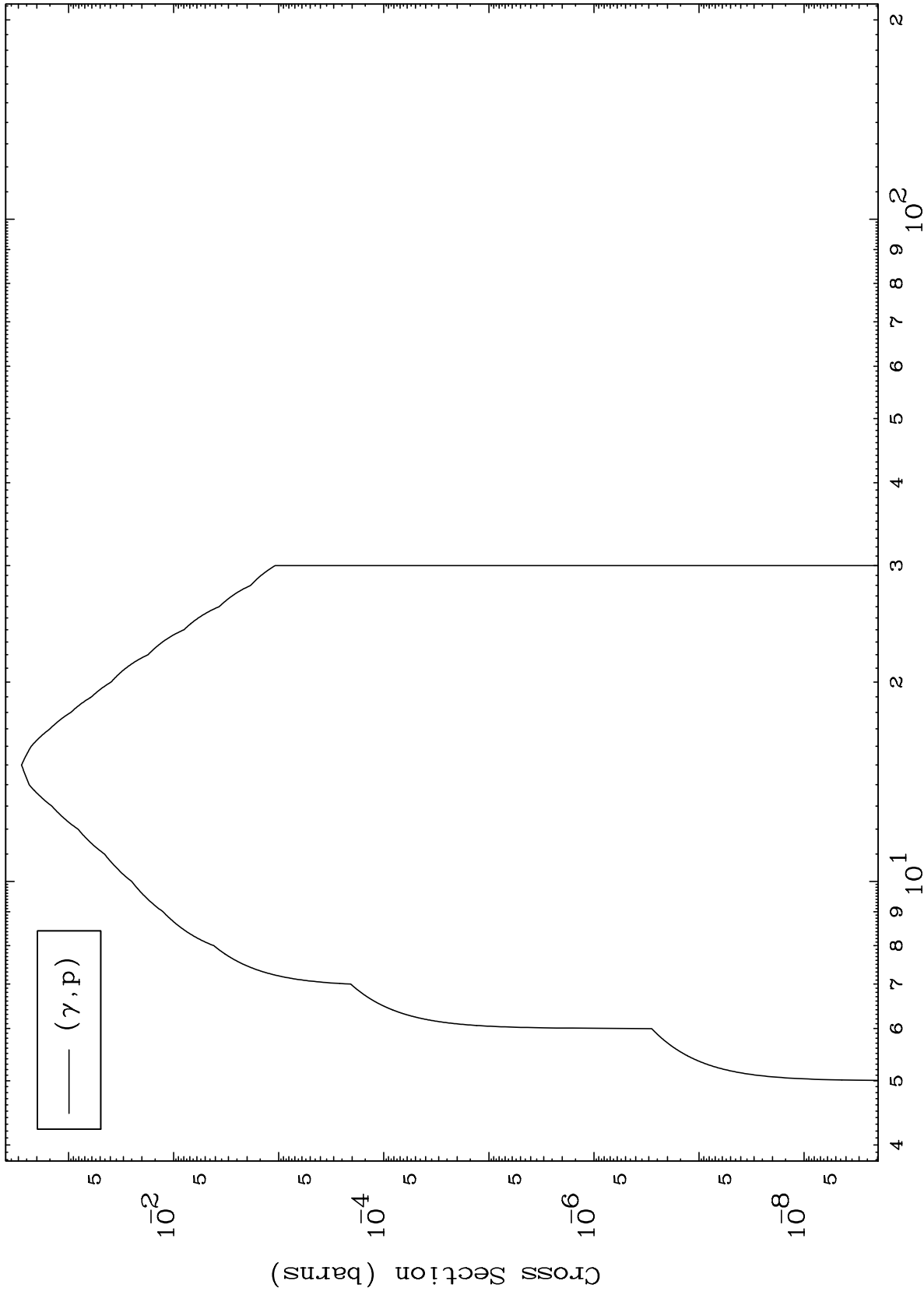
Incident Energy (MeV)

66-Dy-146

MAT 6595

(γ, p) Levels
0 Kelvin Cross Sections

66-Dy-146



6

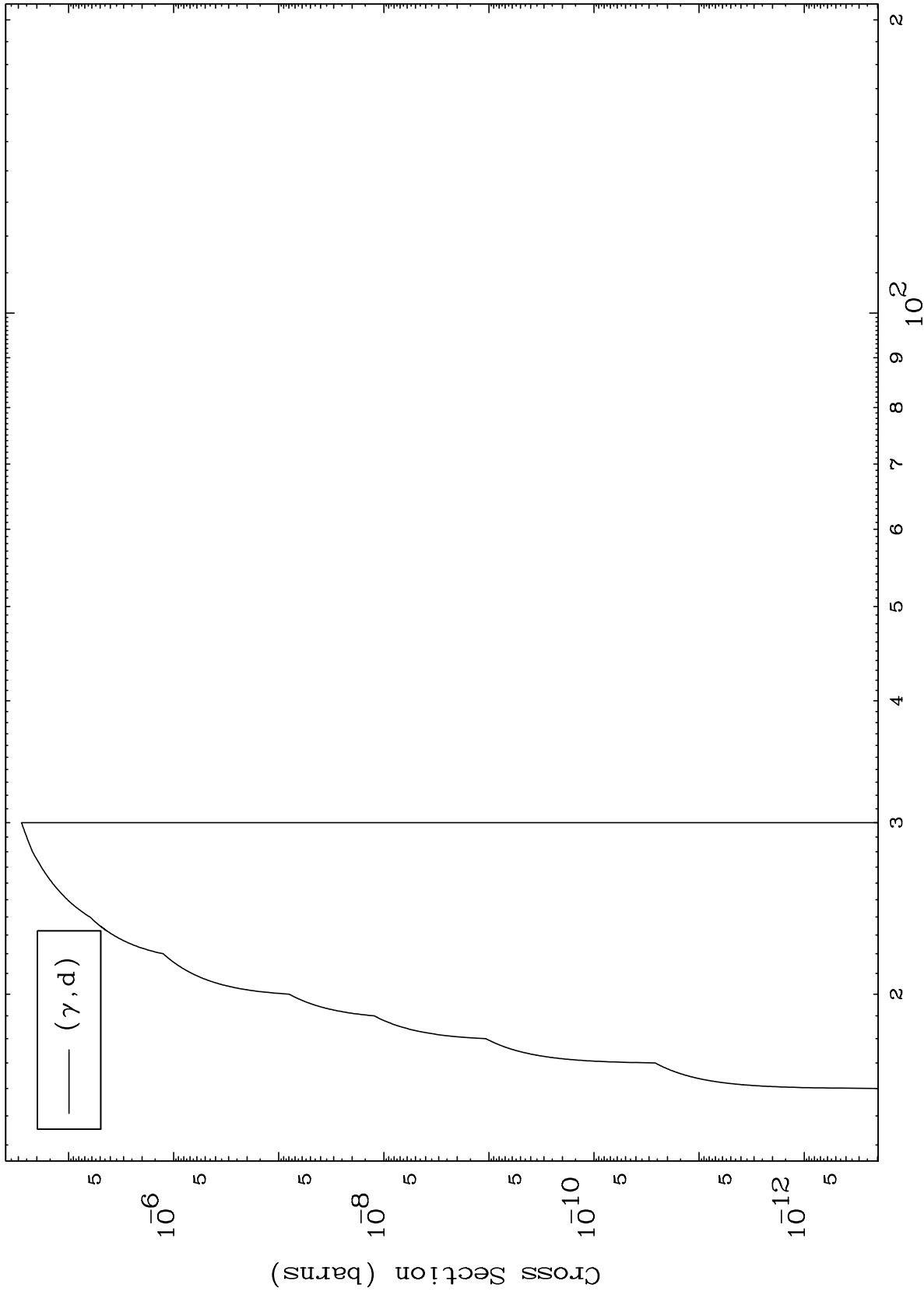
Incident Energy (MeV)

66-Dy-146

MAT 6595

(γ, d) Levels
0 Kelvin Cross Sections

66-Dy-146



7

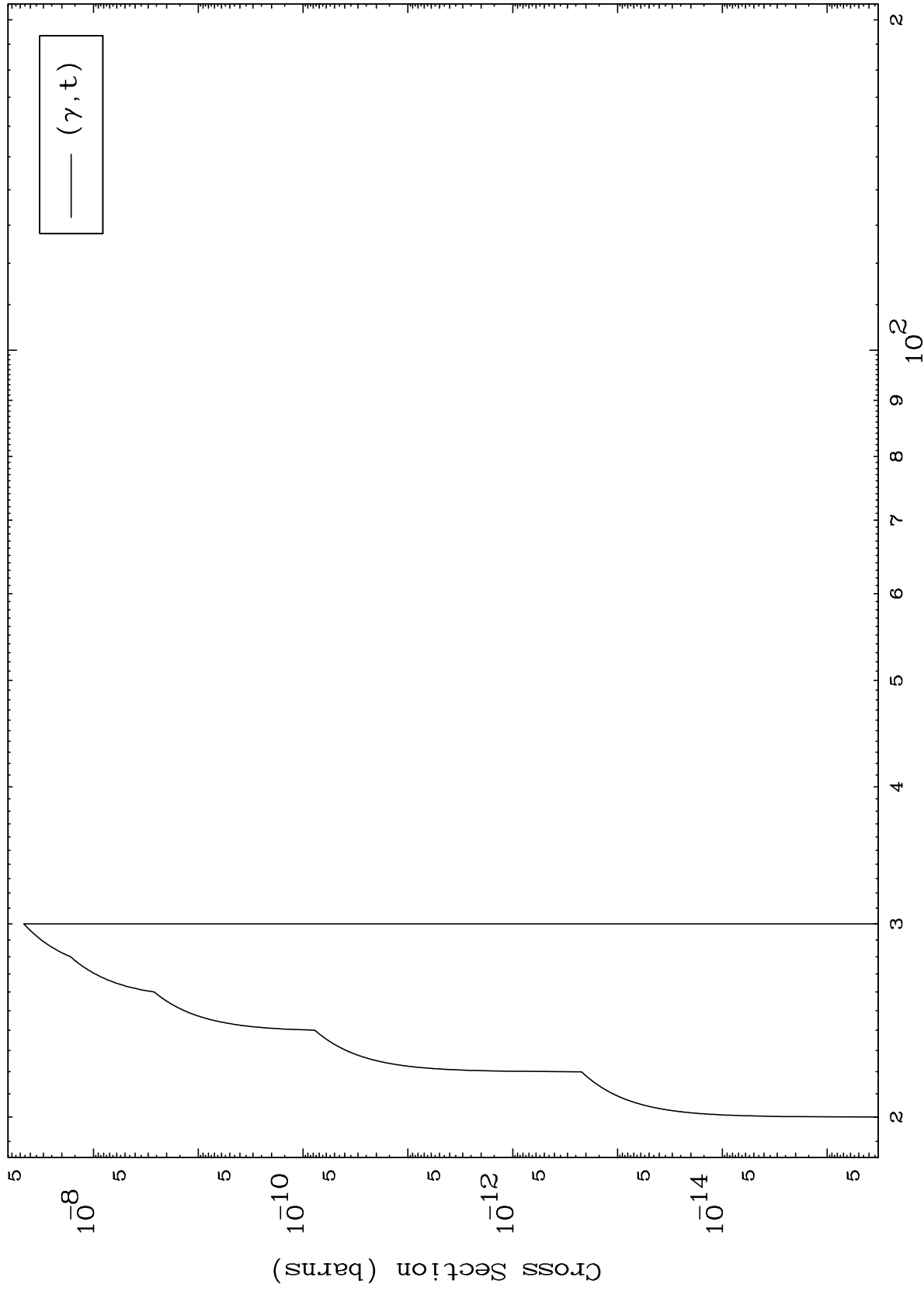
Incident Energy (MeV)

66-Dy-146

MAT 6595

(γ, t) Levels
0 Kelvin Cross Sections

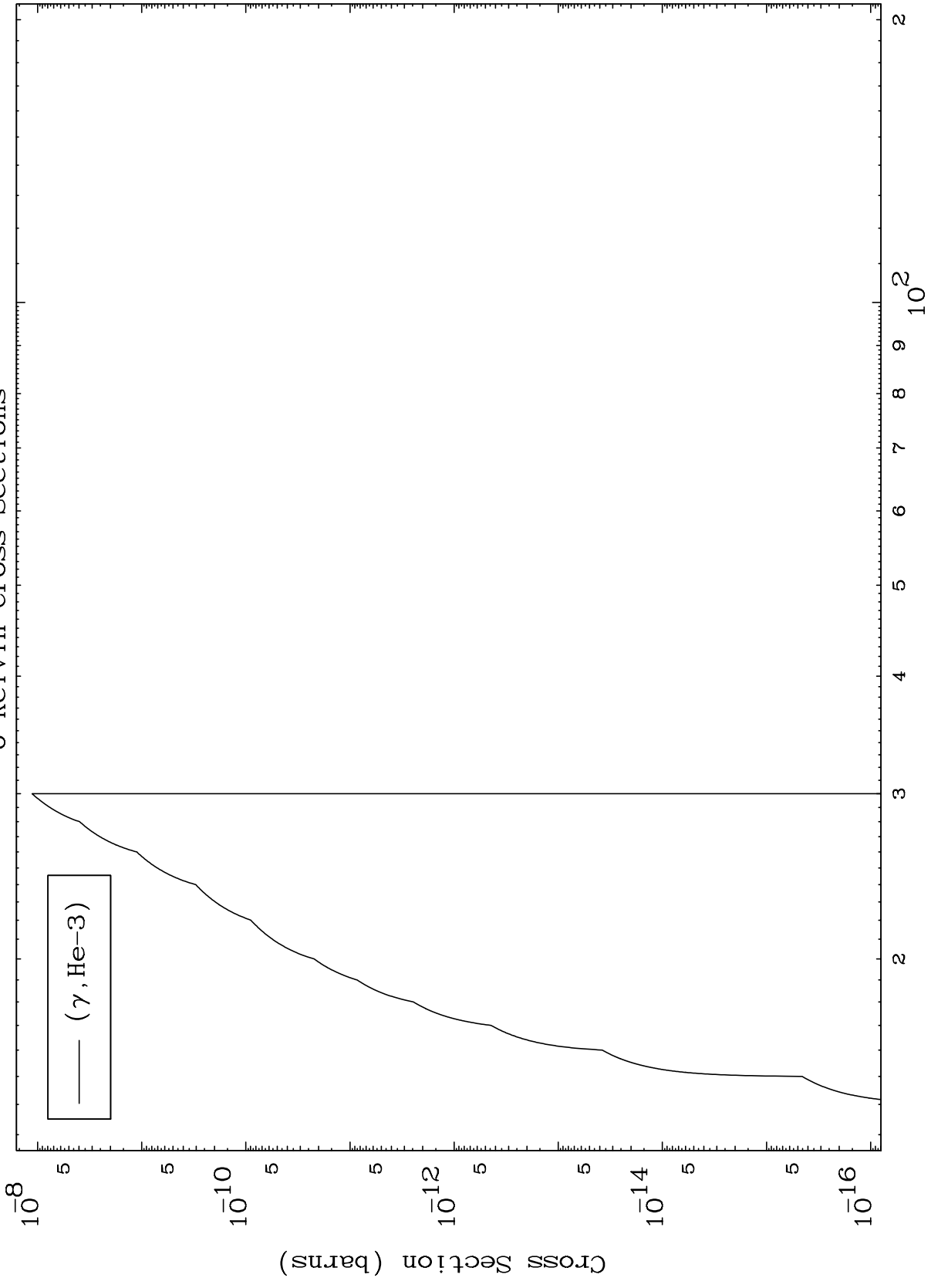
66-Dy-146



8

Incident Energy (MeV)

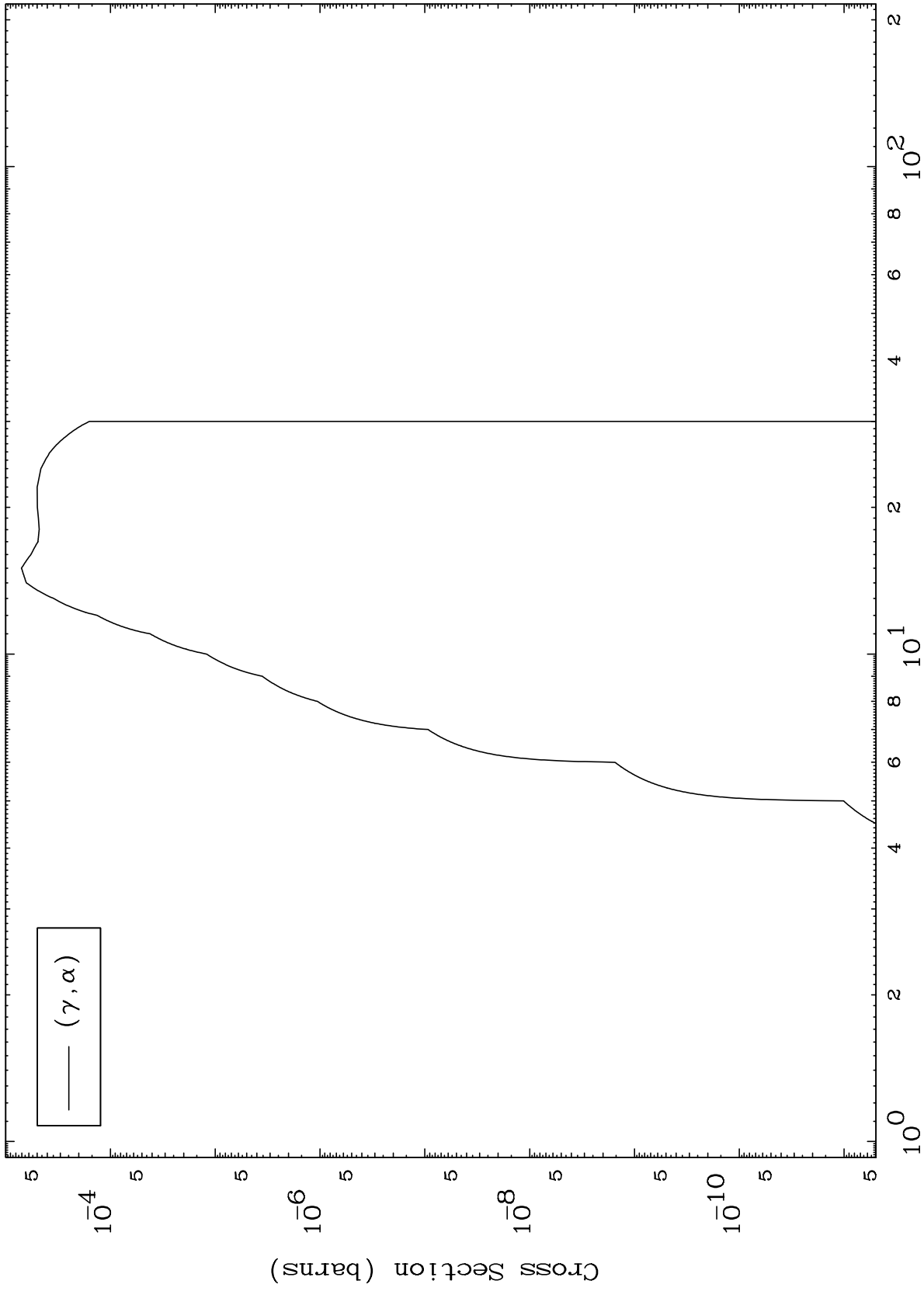
66-Dy-146



MAT 6595

(γ, α) Levels
0 Kelvin Cross Sections

66-Dy-146



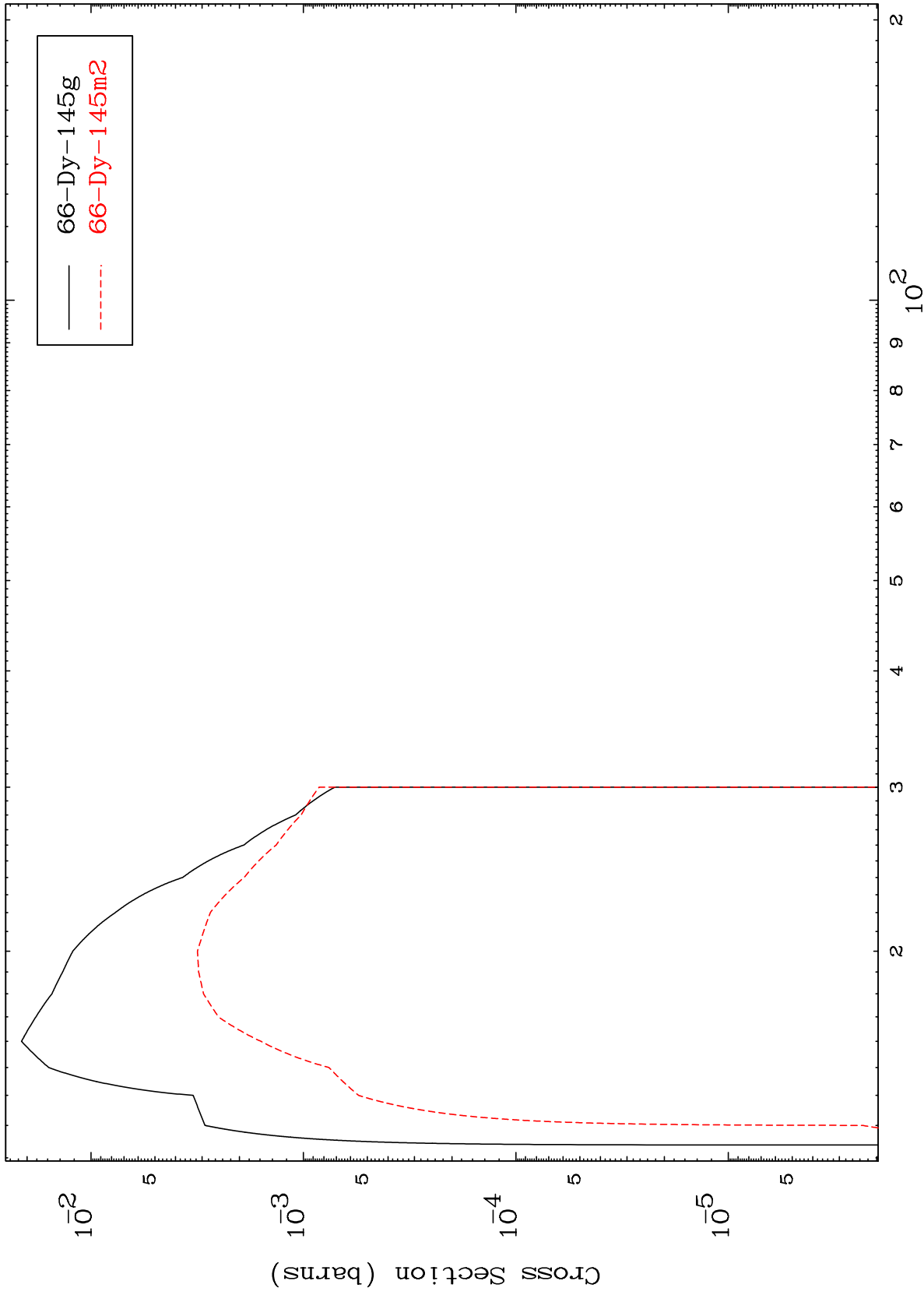
Incident Energy (MeV)

66-Dy-146

MAT 6595

Photon Inelastic
Radionuclide Production Cross Section

66-Dy-146



11

Incident Energy (MeV)

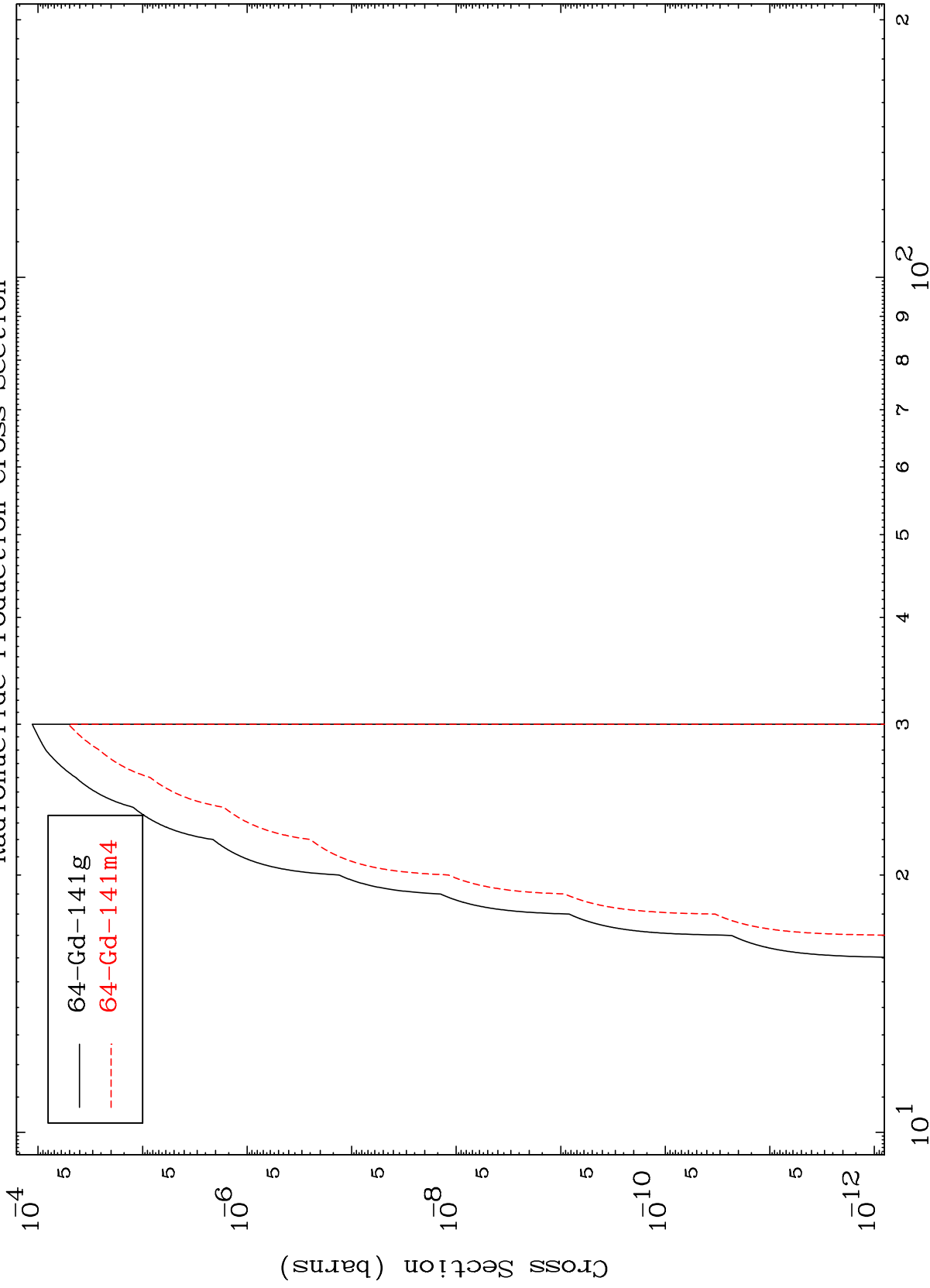
66-Dy-146

MAT 6595

(γ, n') α

66-Dy-146

Radionuclide Production Cross Section



64-Gd-141g
64-Gd-141m4

12

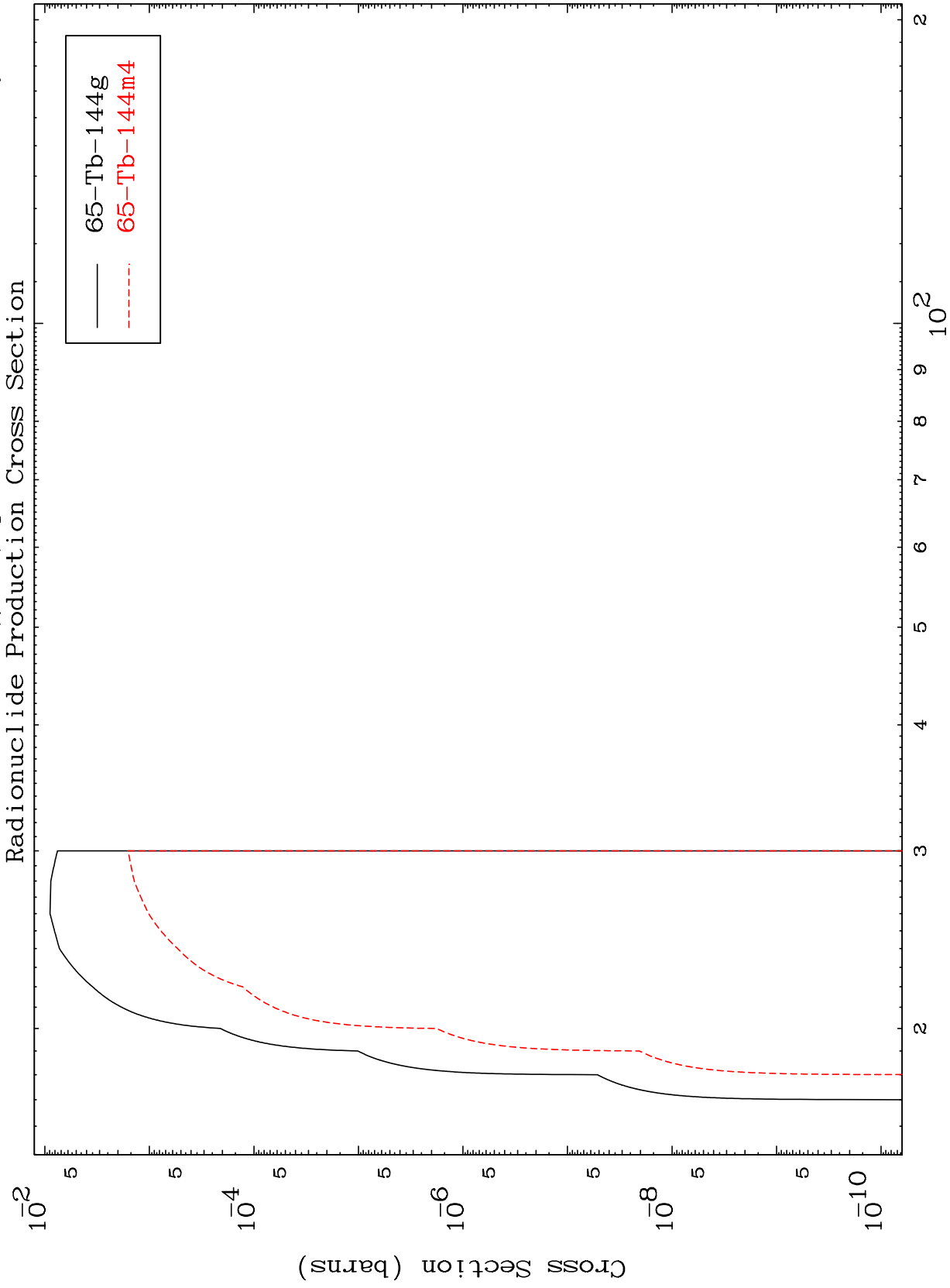
Incident Energy (MeV)

66-Dy-146

MAT 6595

(γ, n') p

66-Dy-146



13

Incident Energy (MeV)

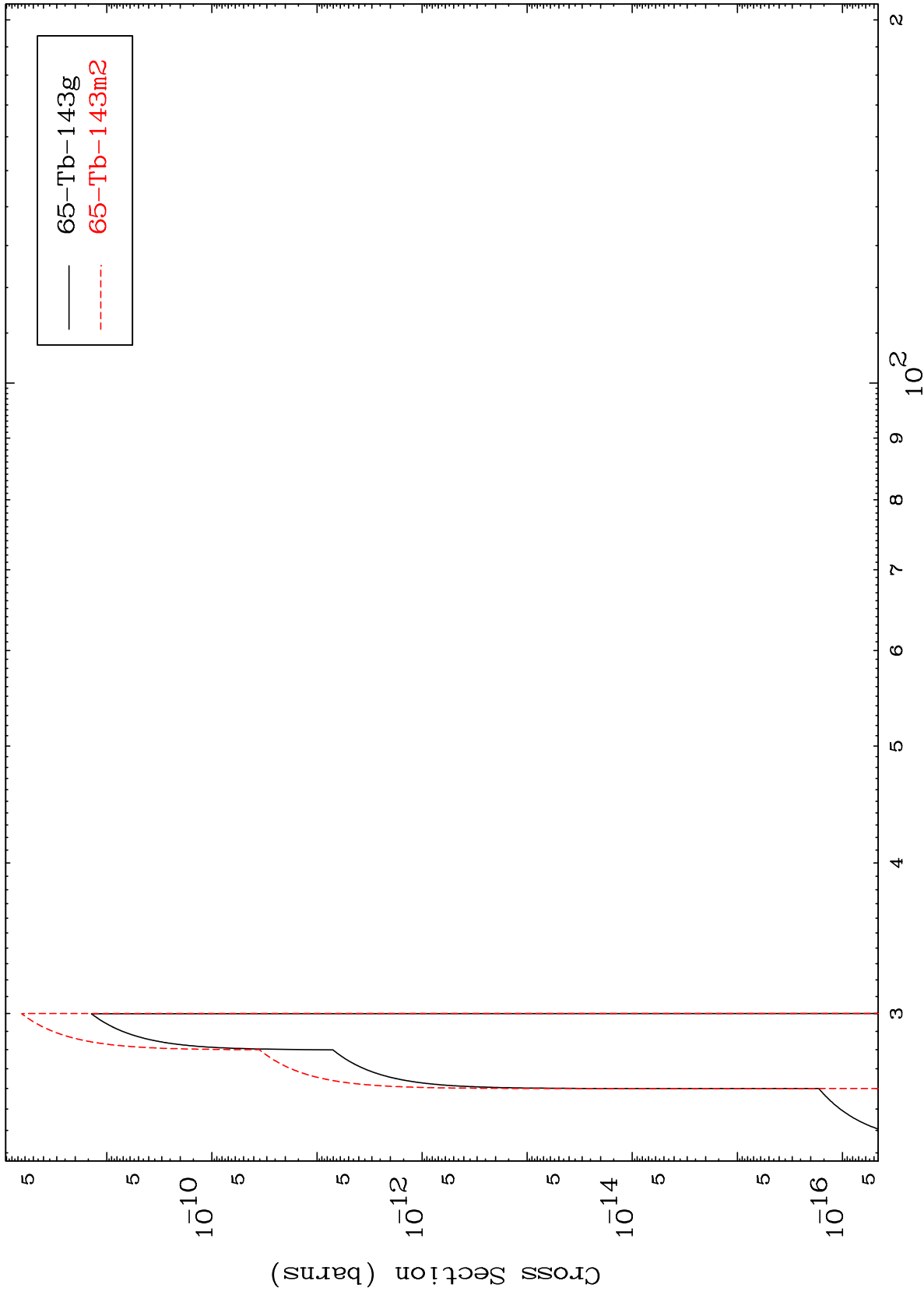
66-Dy-146

MAT 6595

(γ, n') d

66-Dy-146

Radionuclide Production Cross Section



14

Incident Energy (MeV)

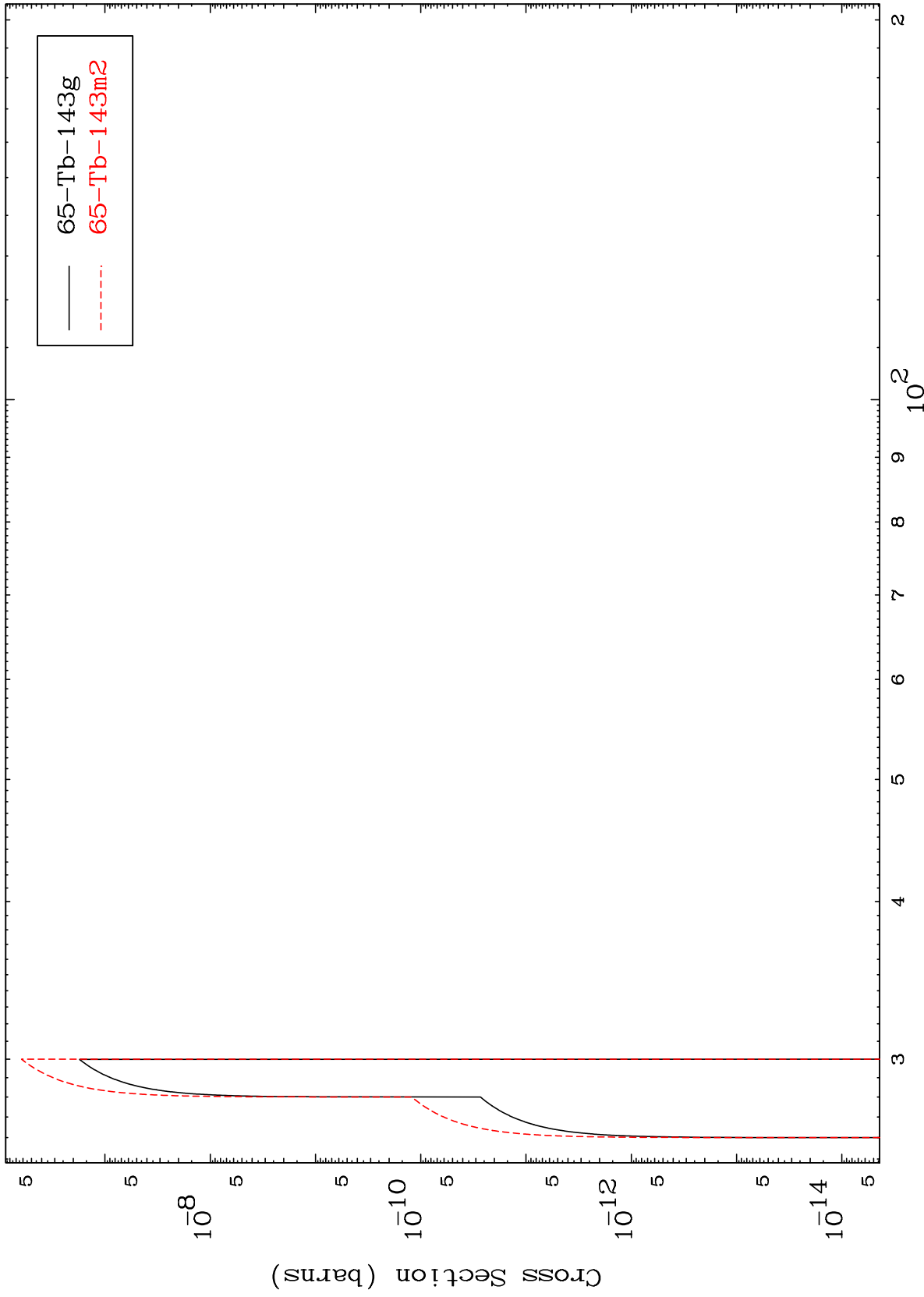
66-Dy-146

MAT 6595

($\gamma, 2n$) p

66-Dy-146

Radionuclide Production Cross Section



15

Incident Energy (MeV)

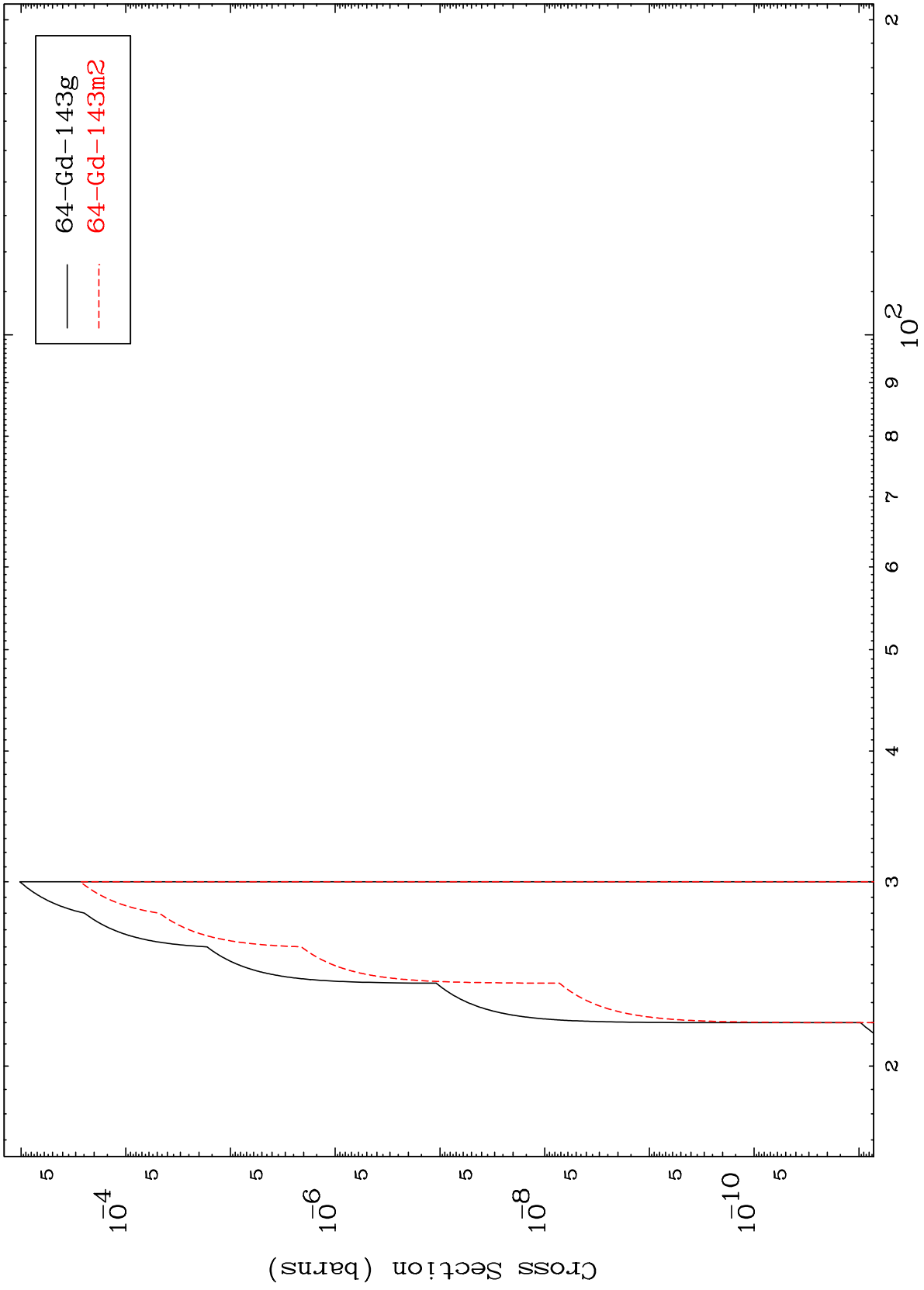
66-Dy-146

MAT 6595

($\gamma, 2n$) p

66-Dy-146

Radionuclide Production Cross Section



16

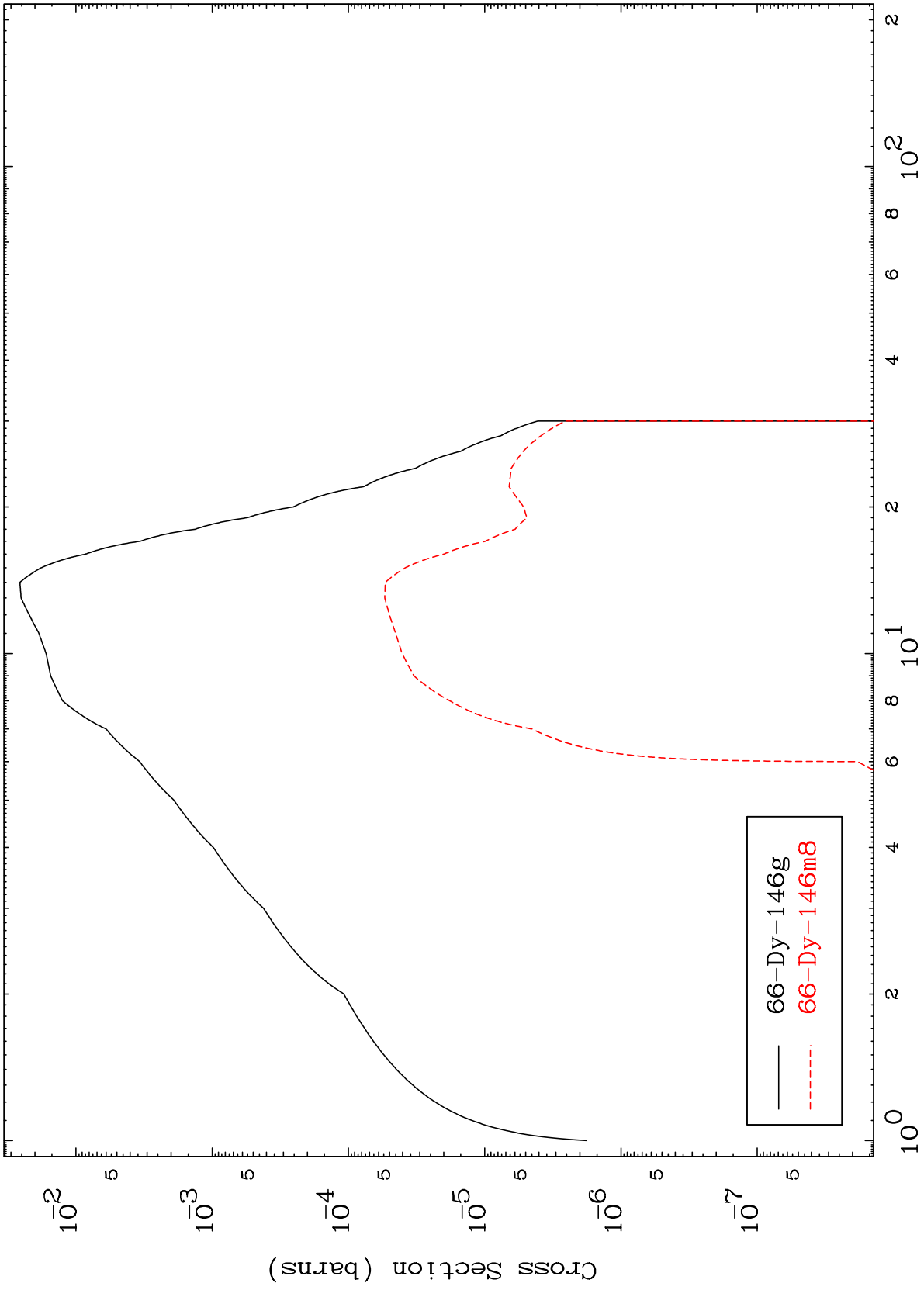
Incident Energy (MeV)

66-Dy-146

MAT 6595

Radionuclide Production Cross Section
(γ, γ)

66-Dy-146



— 66-Dy-146g
- - - 66-Dy-146m8

17

Incident Energy (MeV)

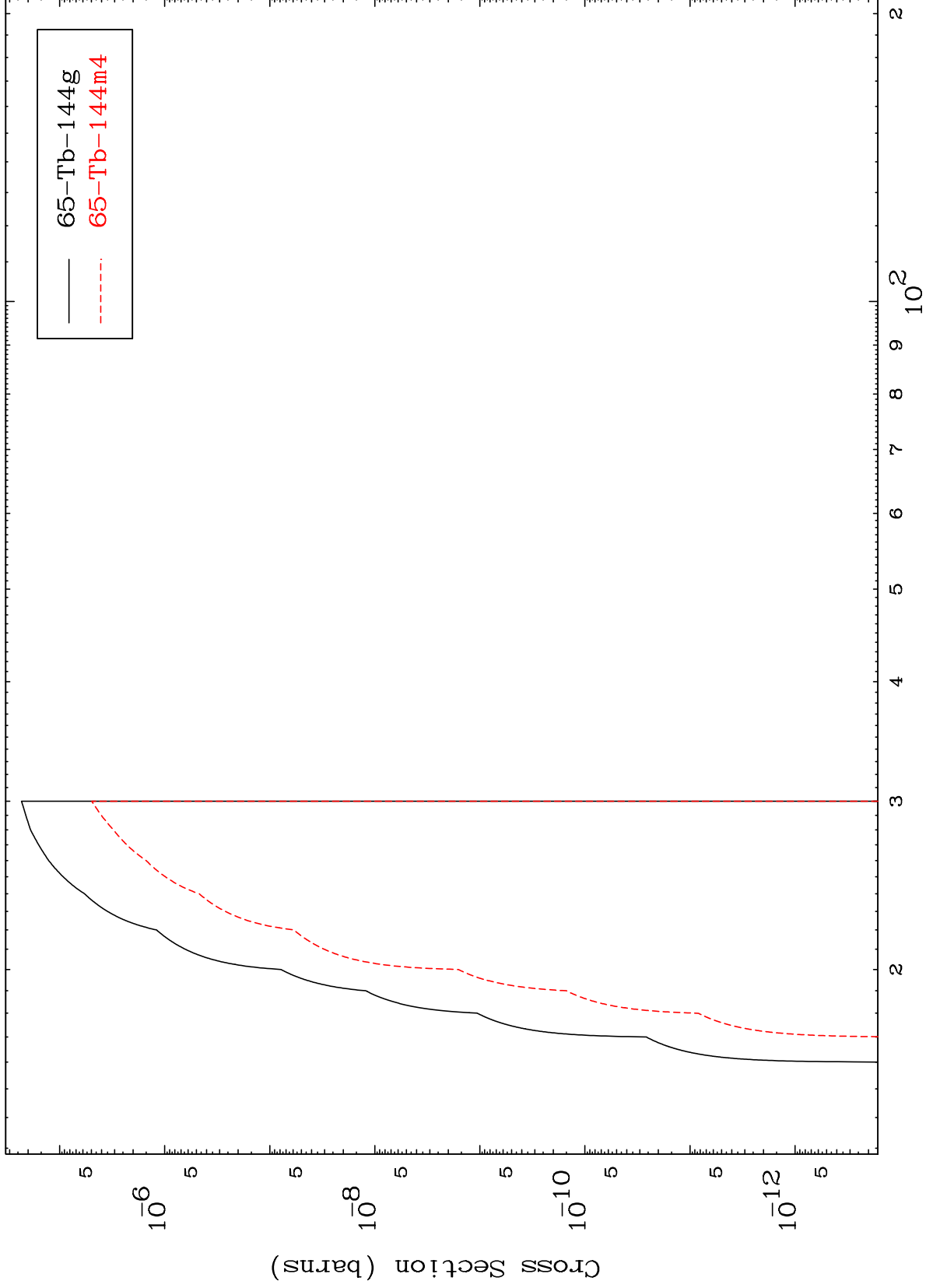
66-Dy-146

MAT 6595

(γ, d)

66-Dy-146

Radionuclide Production Cross Section



18

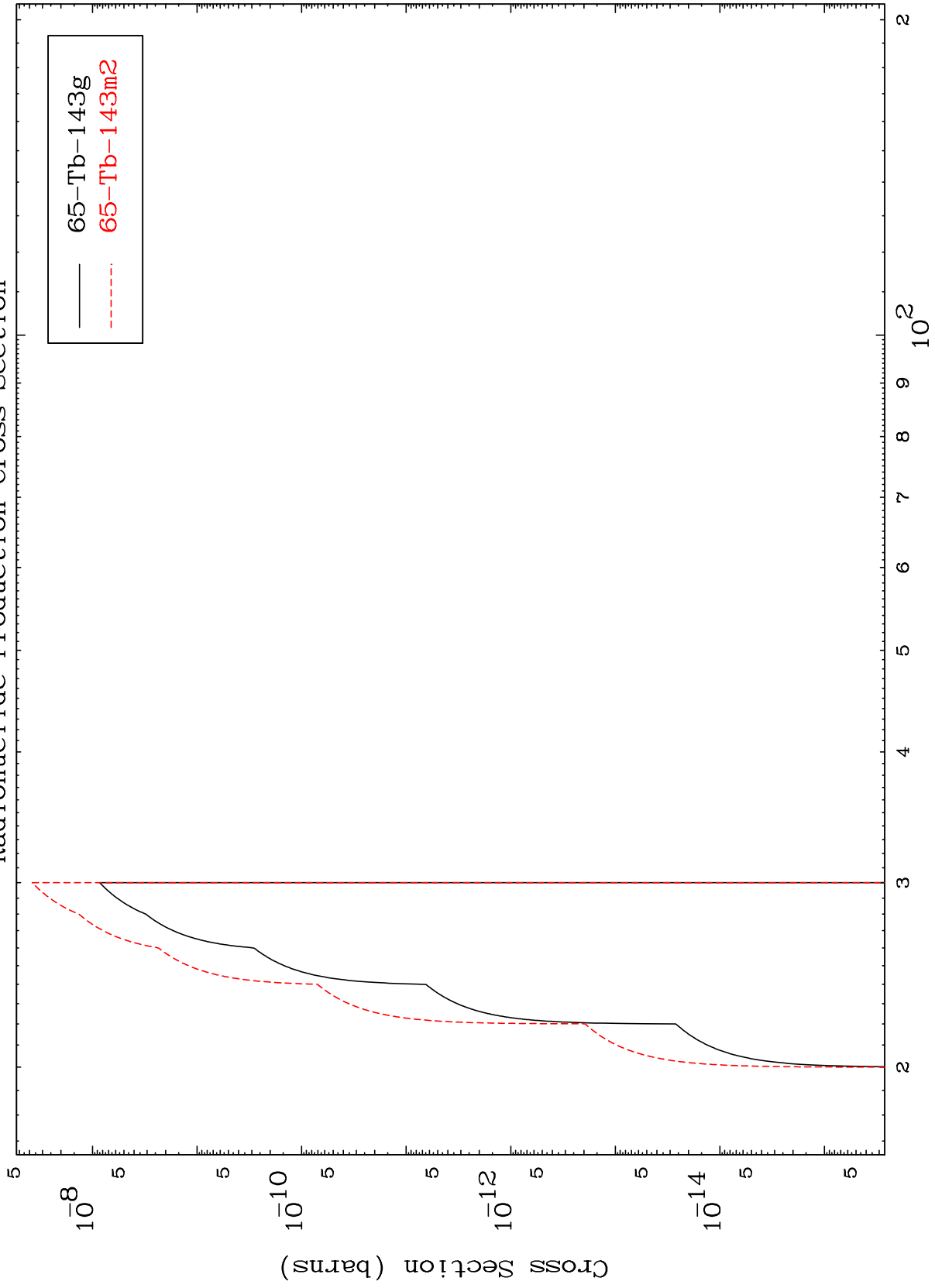
Incident Energy (MeV)

66-Dy-146

MAT 6595

66-Dy-146

(γ, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

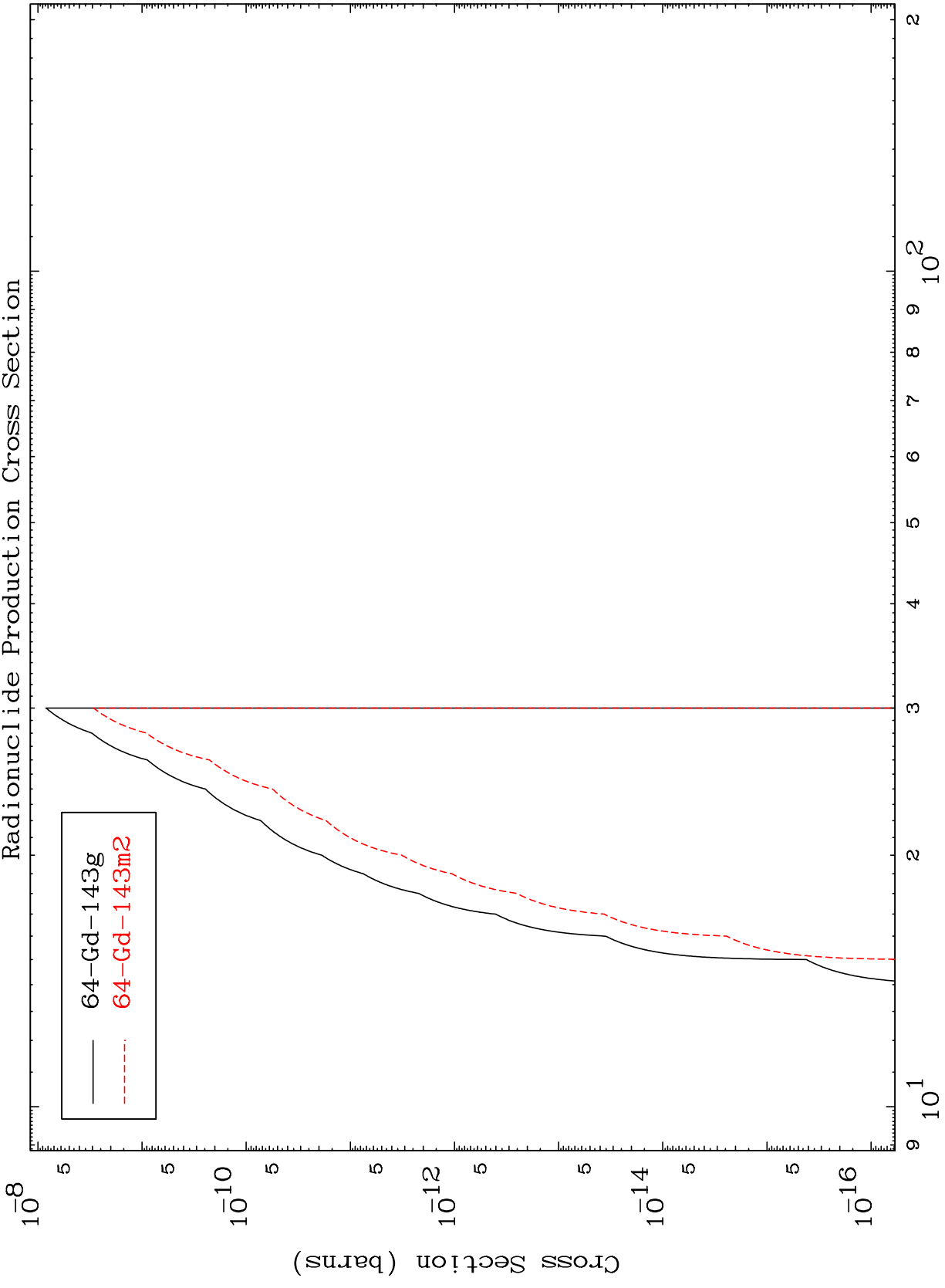
66-Dy-146

MAT 6595

($\gamma, \text{He-3}$)

66-Dy-146

Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

20

Incident Energy (MeV)

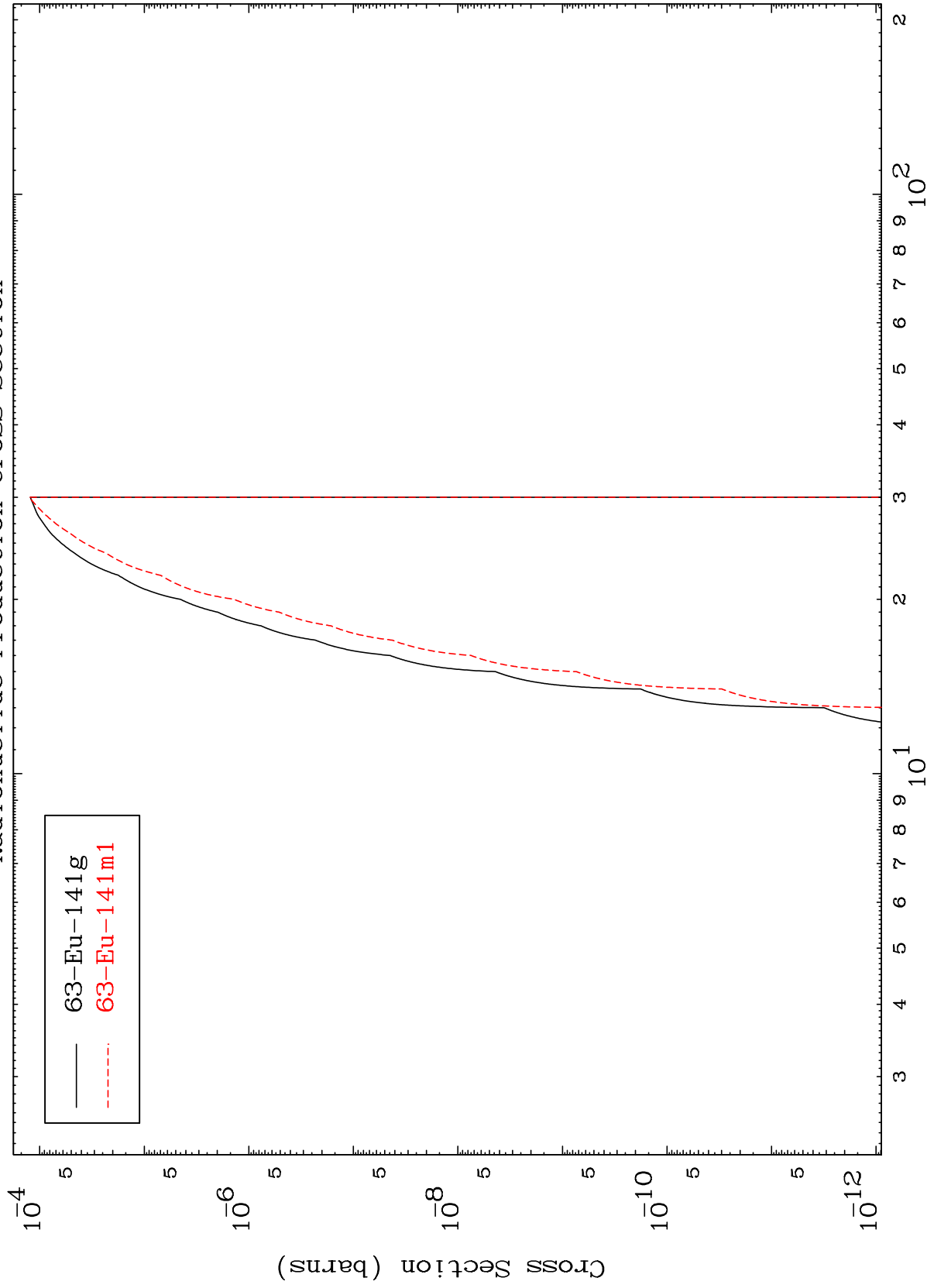
66-Dy-146

MAT 6595

(γ, p) α

66-Dy-146

Radionuclide Production Cross Section



21

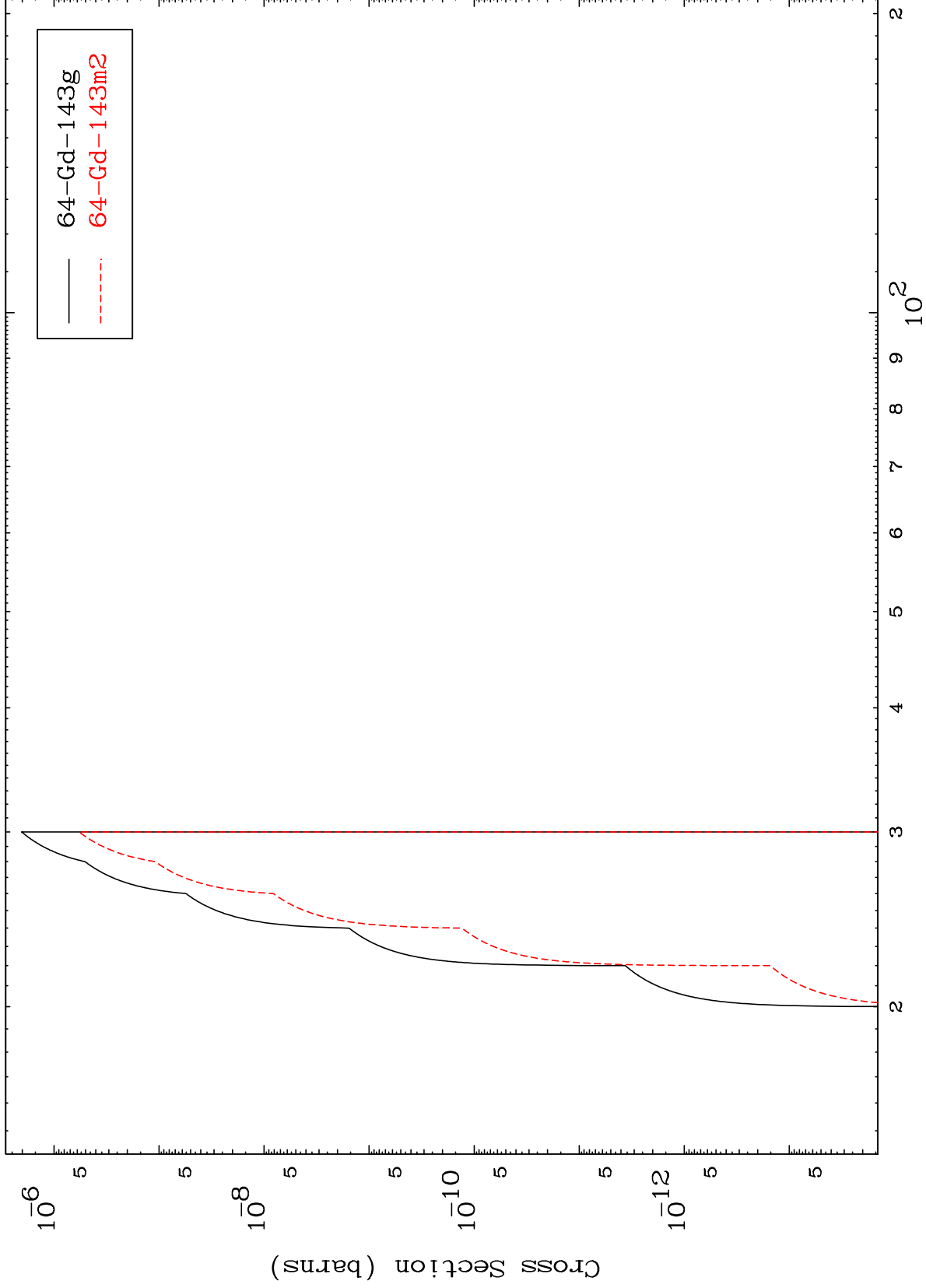
66-Dy-146

MAT 6595

(γ, p) d

66-Dy-146

Radionuclide Production Cross Section



22

Incident Energy (MeV)

66-Dy-146