

Program EVALPLOT
(Version 2021-1)

by

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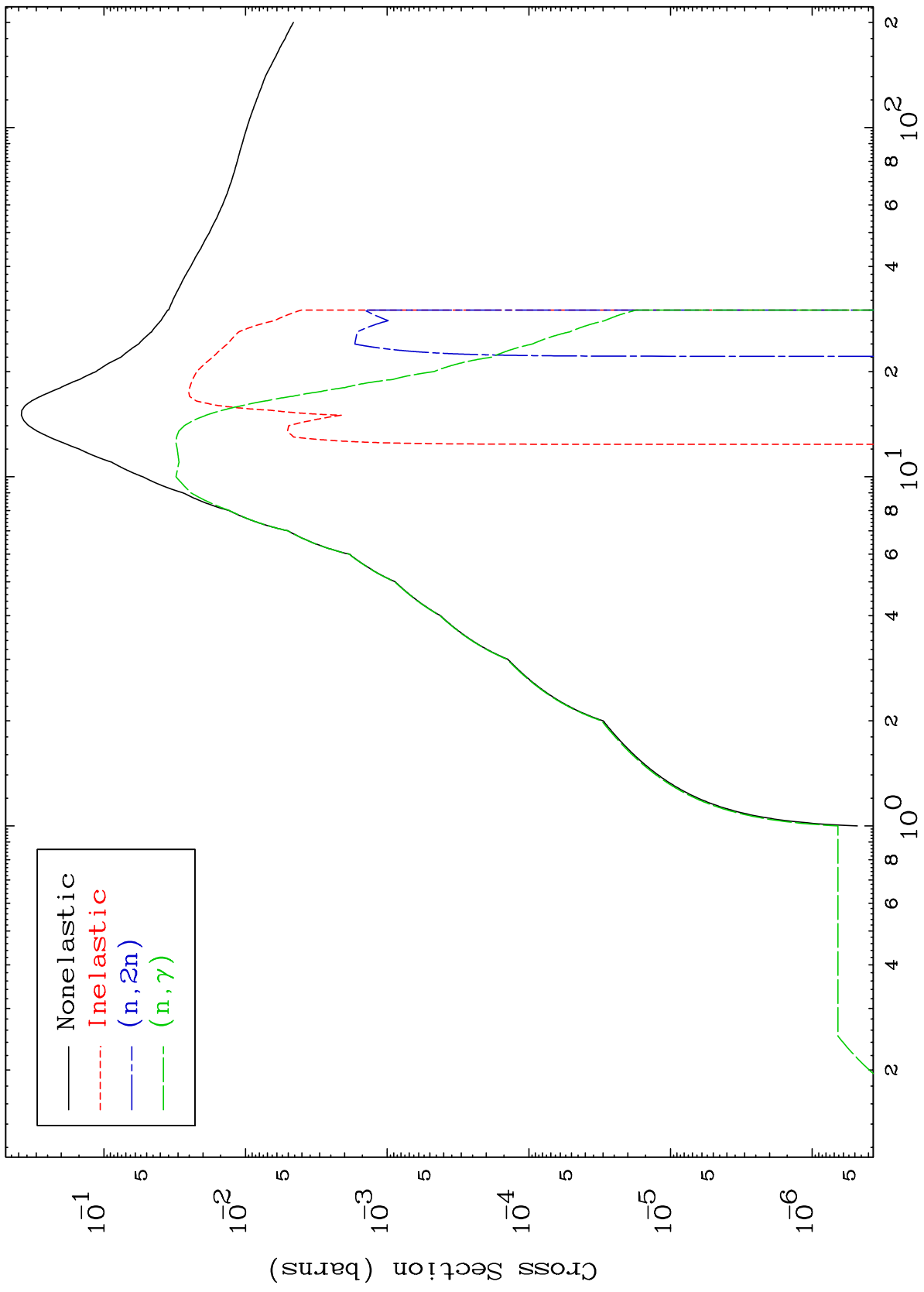
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6595

0 Kelvin Major
Photon Cross Sections

66-Dy-146

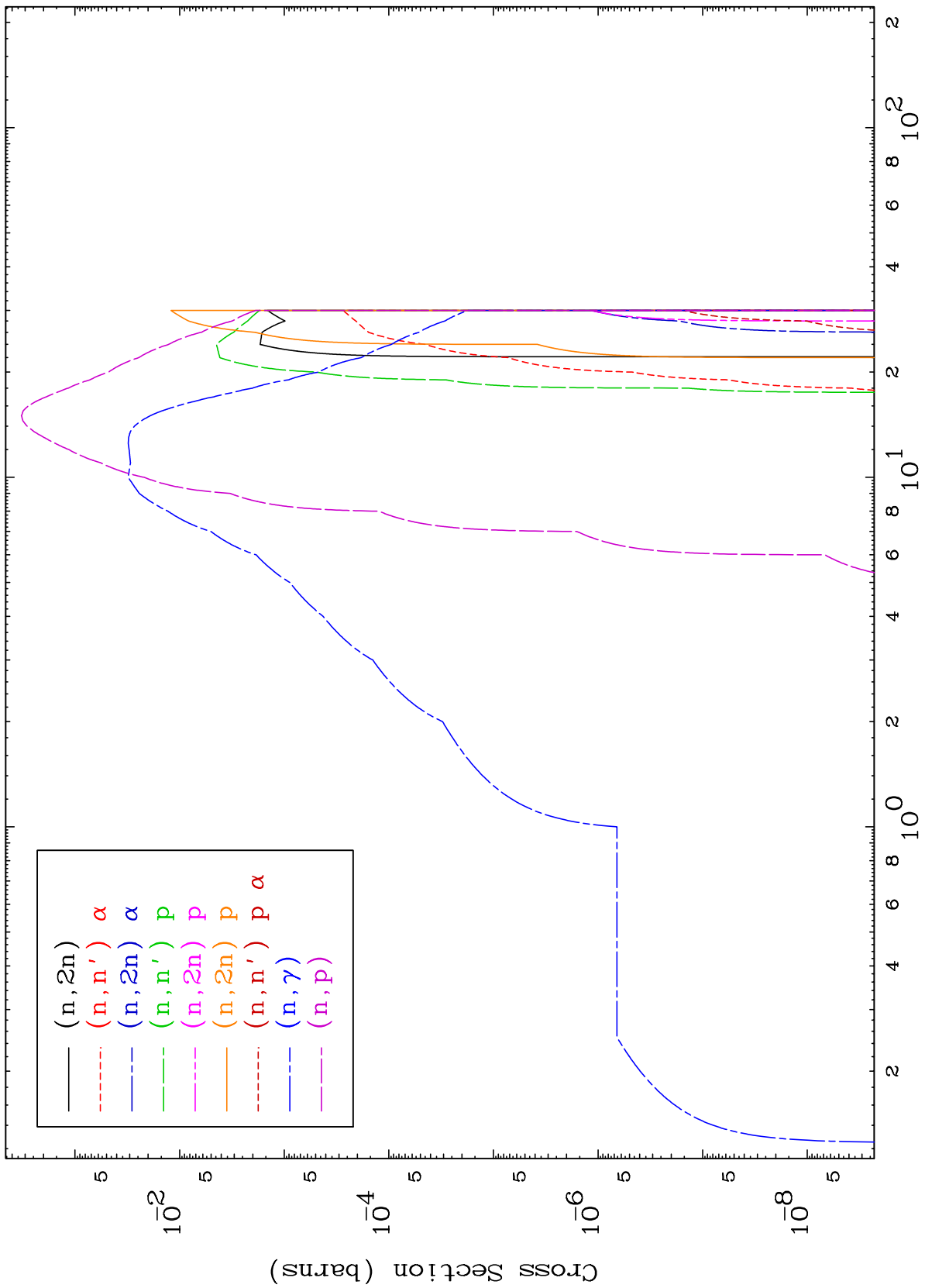


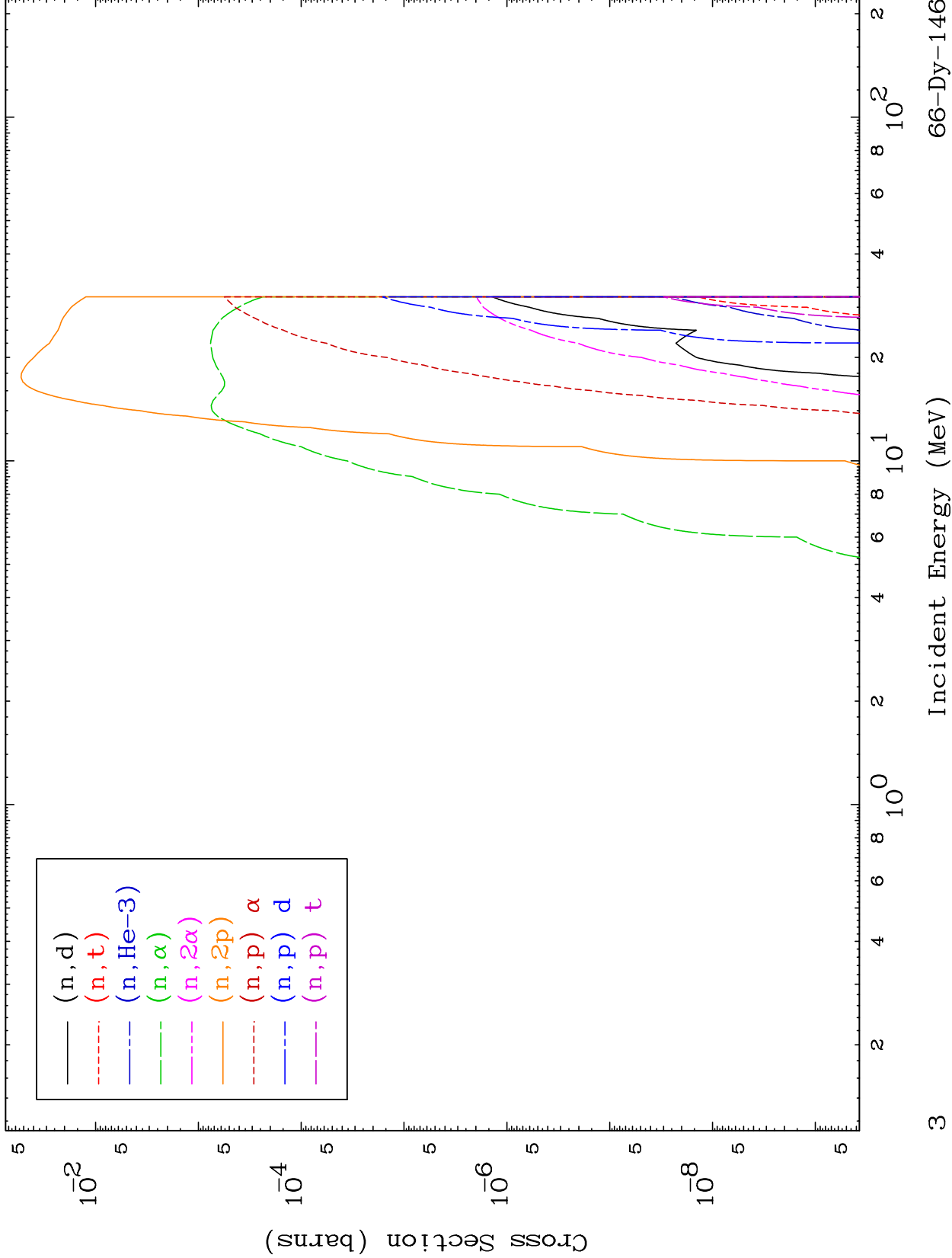
Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

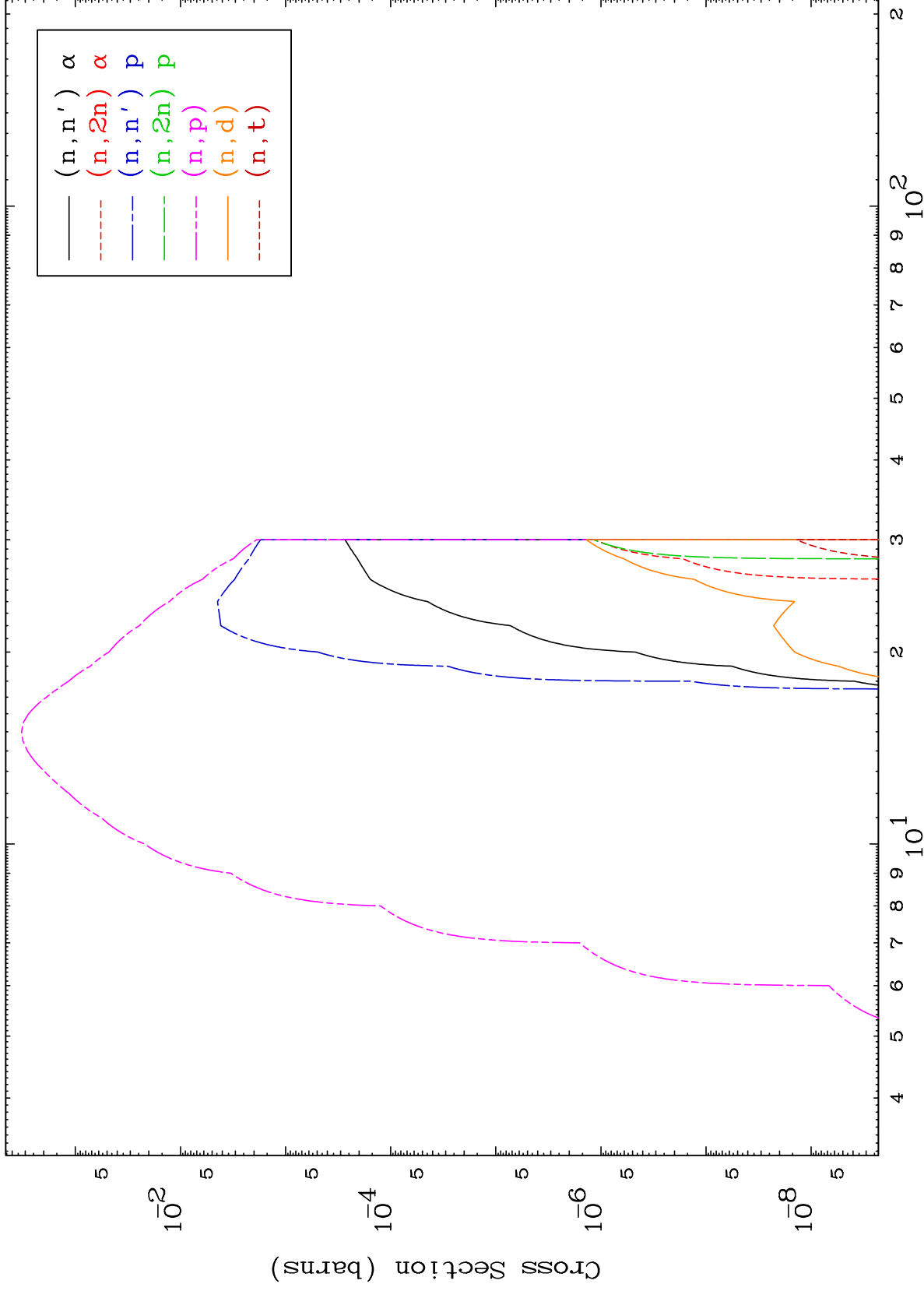
MAT 6595

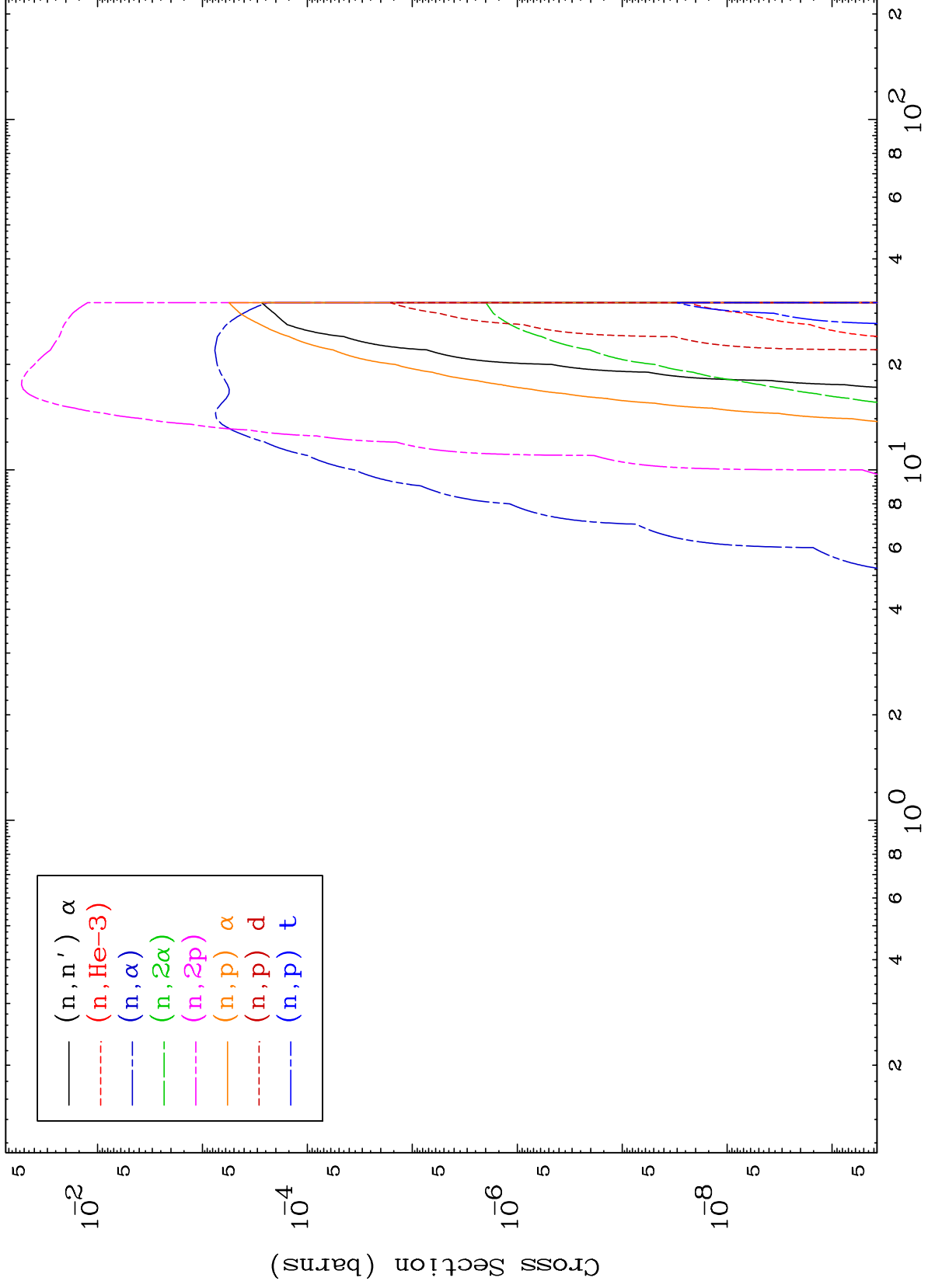
Photon Neutron Absorption
0 Kelvin Cross Sections

66-Dy-146

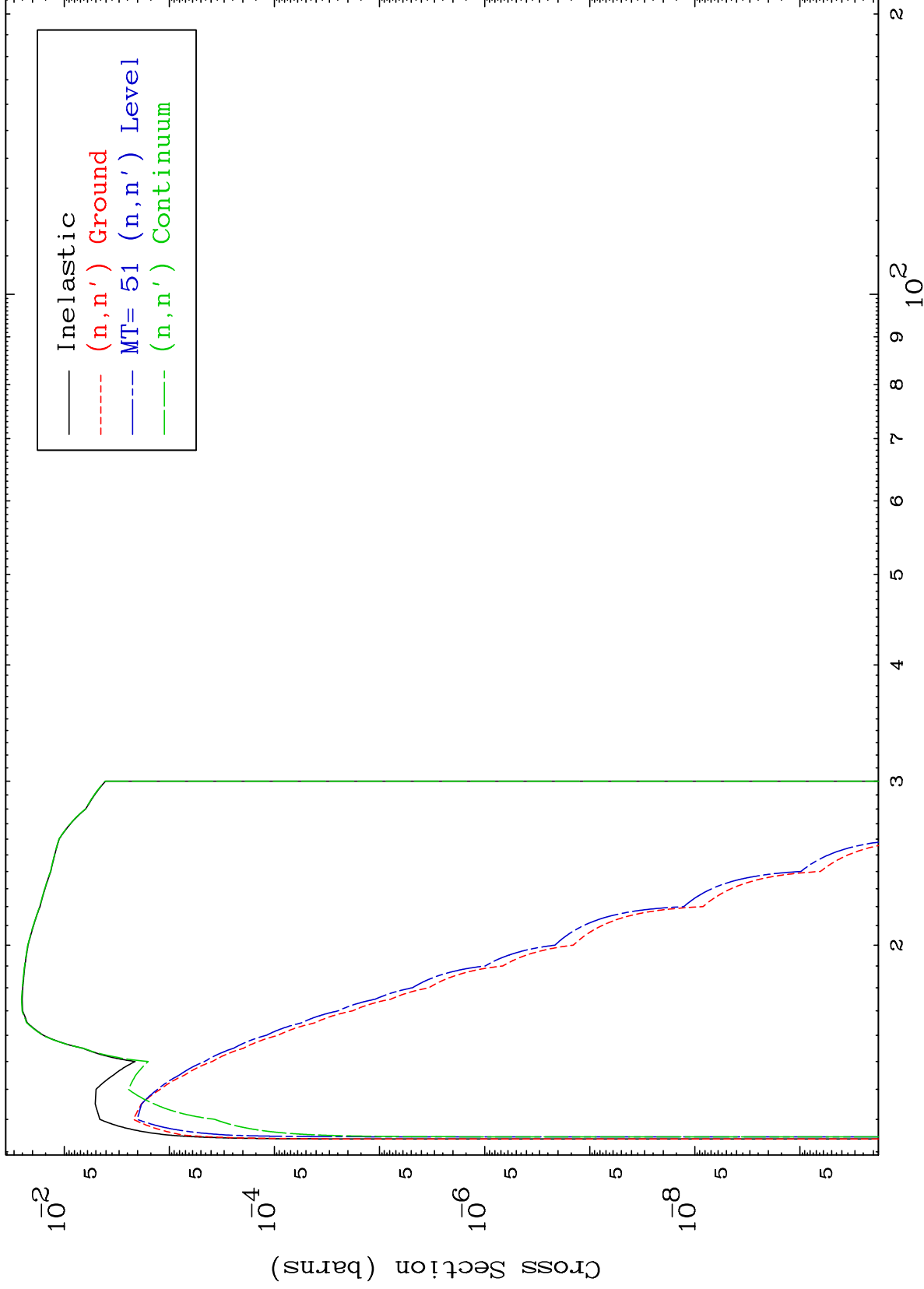








0 Kelvin Cross Sections

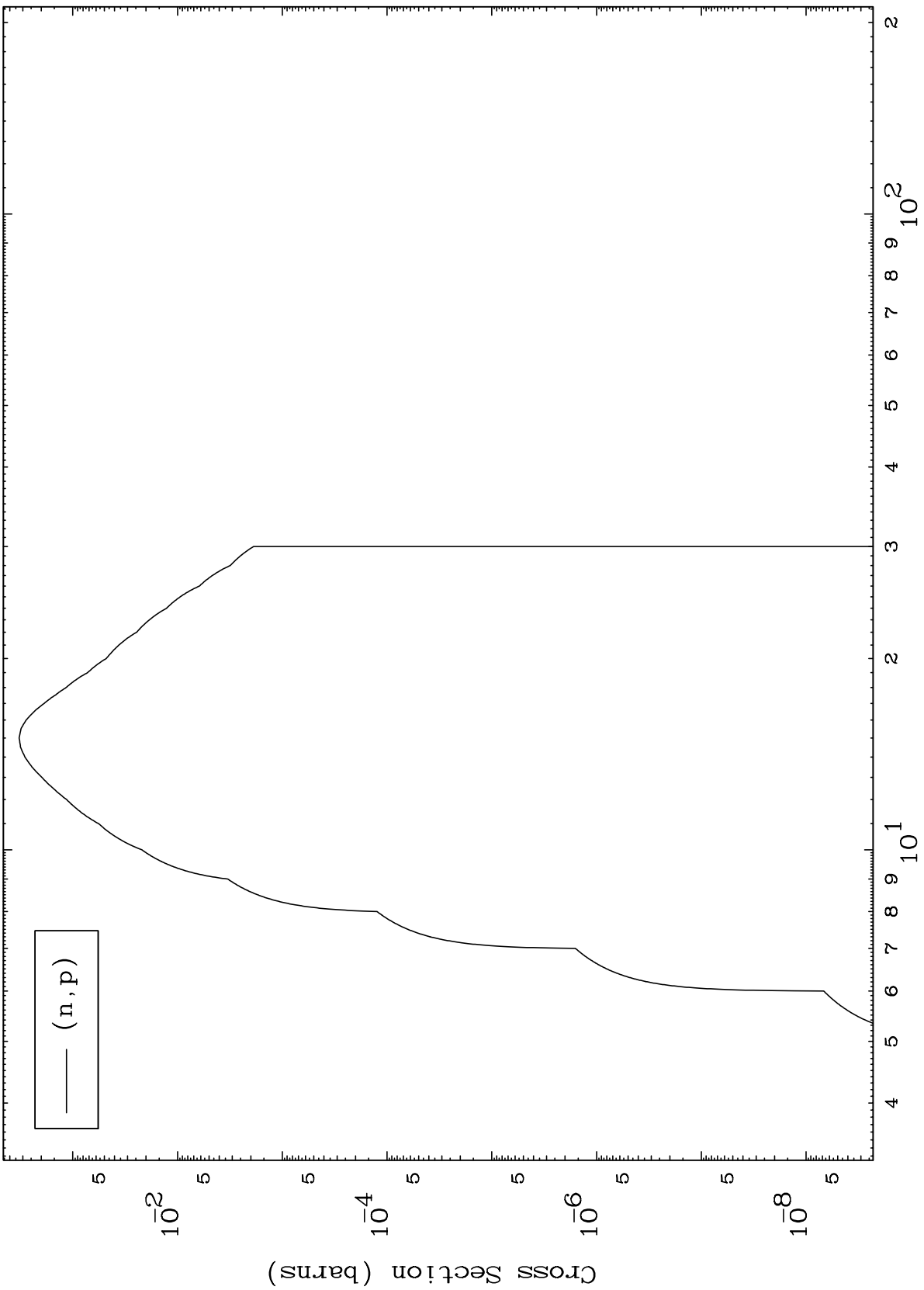


MAT 6595

(γ, p) Levels

66-Dy-146

0 Kelvin Cross Sections

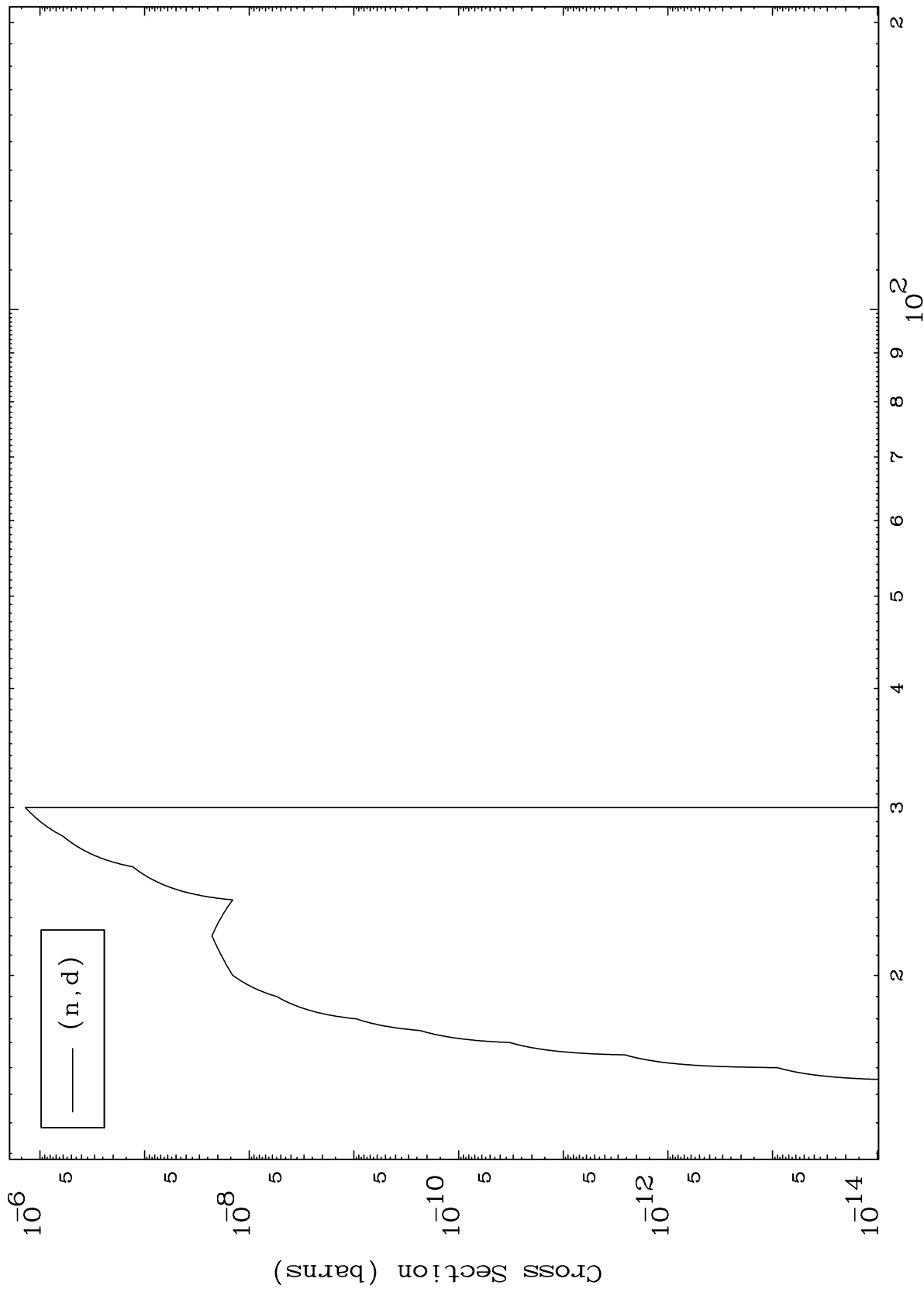


MAT 6595

(γ, d) Levels

66-Dy-146

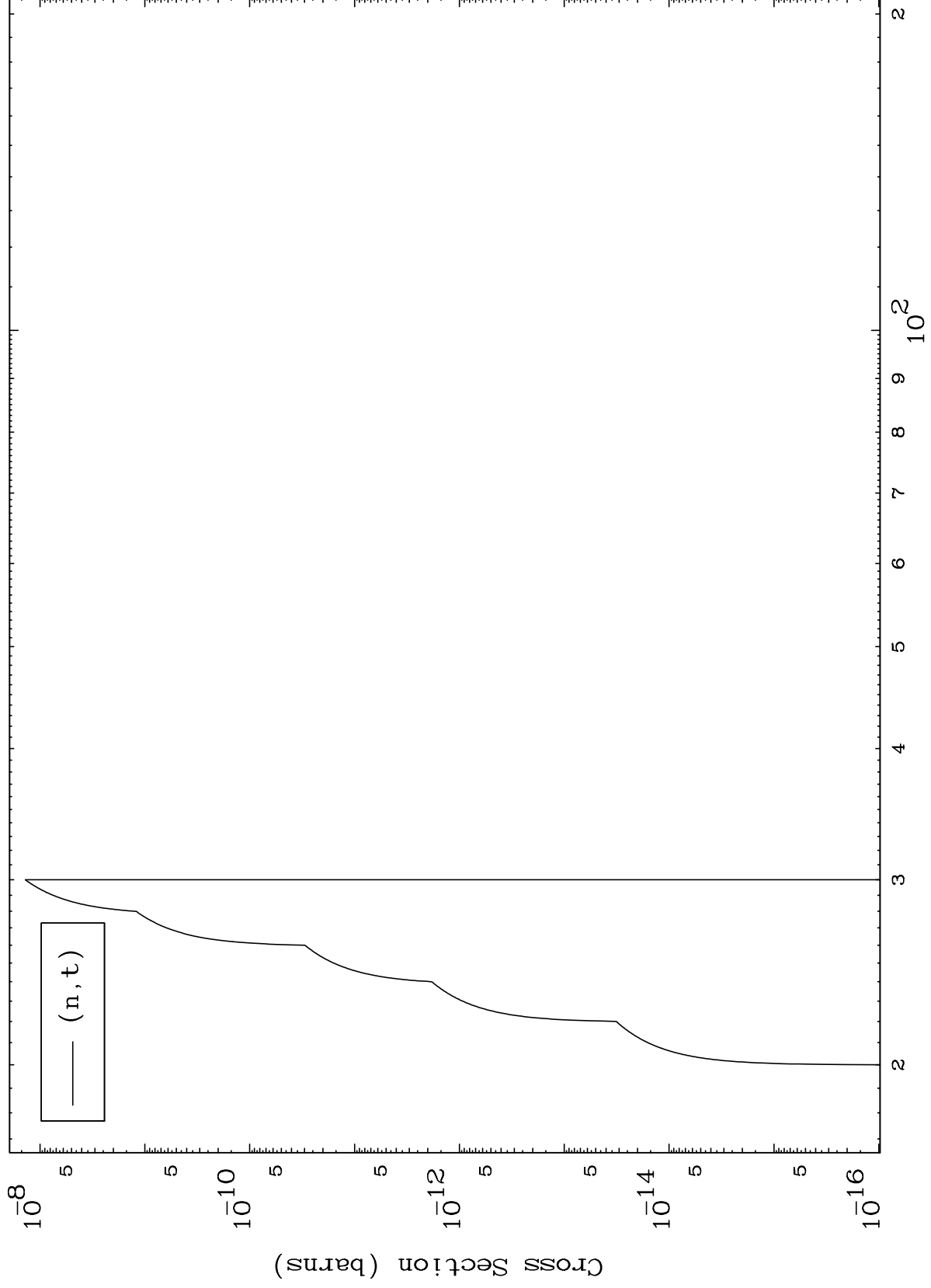
0 Kelvin Cross Sections



8

Incident Energy (MeV)

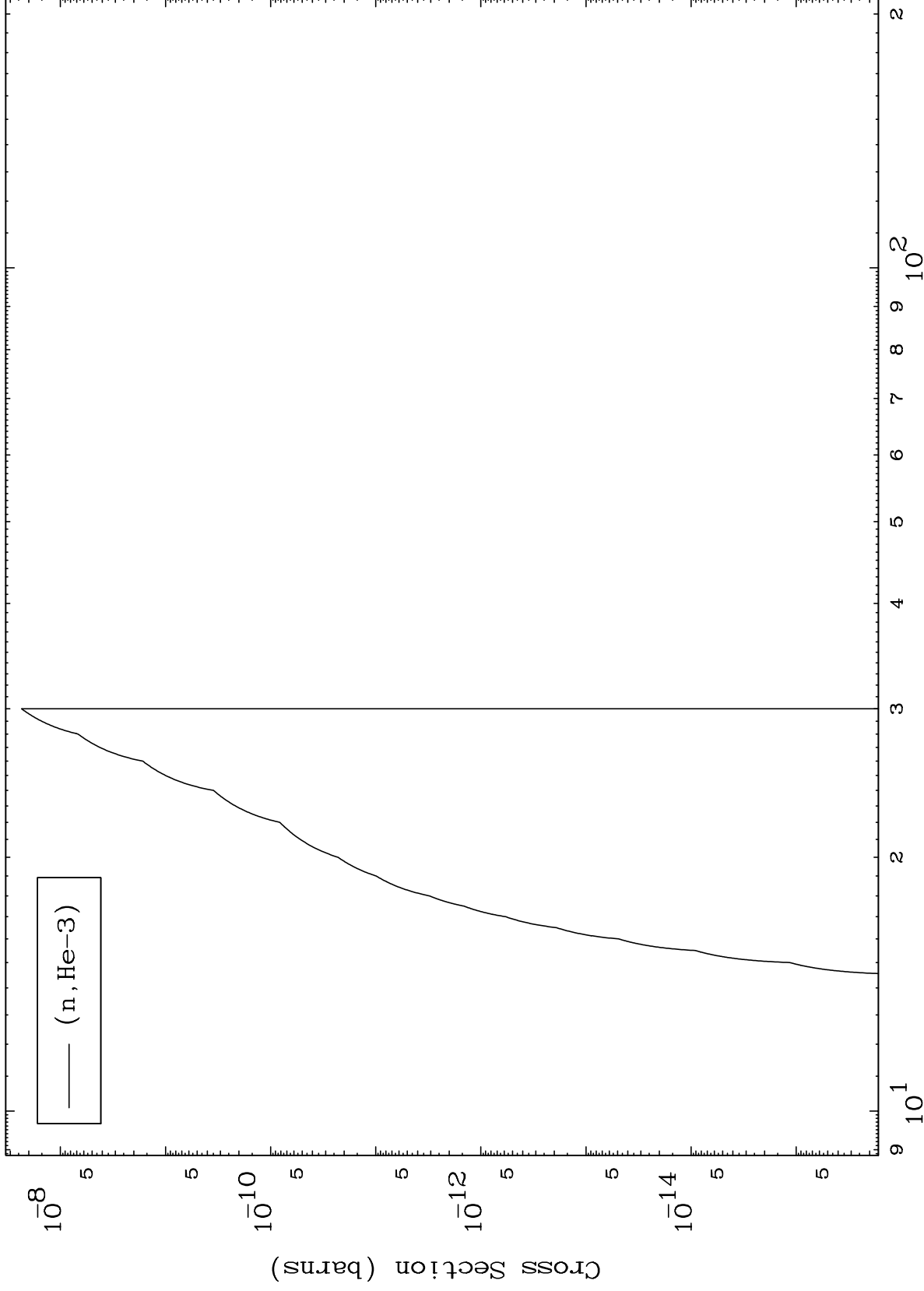
66-Dy-146



MAT 6595

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

66-Dy-146



Incident Energy (MeV)

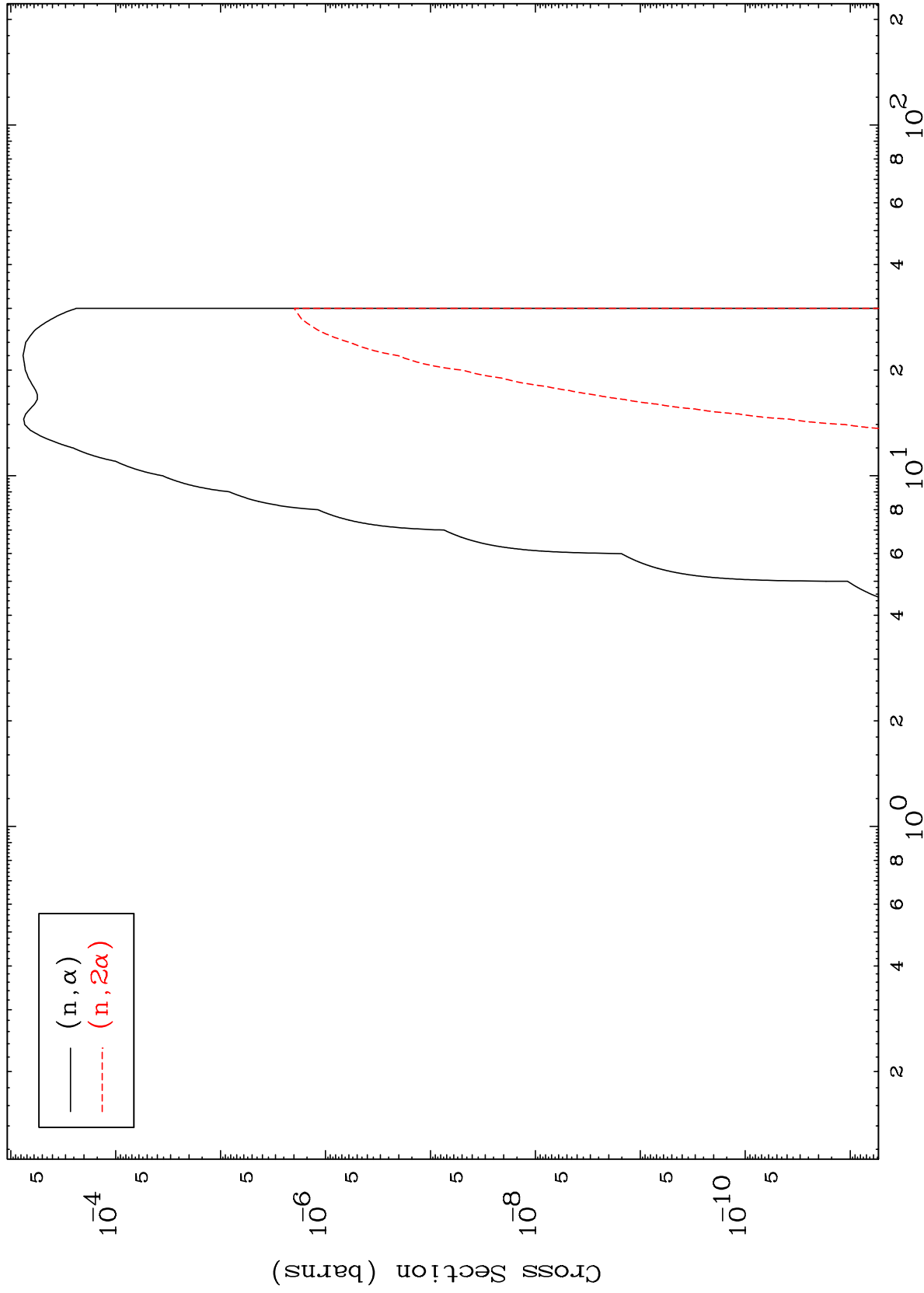
66-Dy-146

MAT 6595

(γ, α) Levels

66-Dy-146

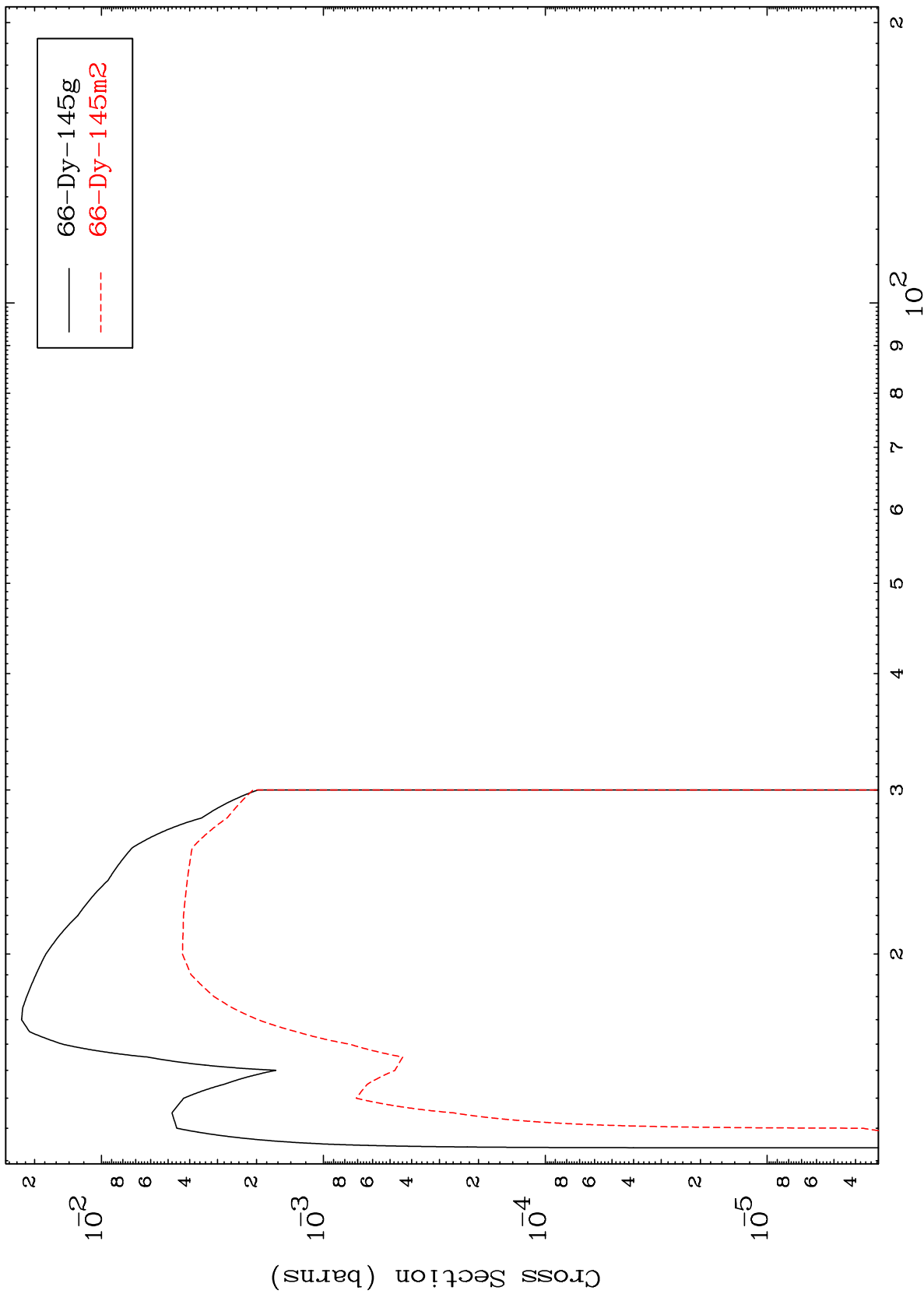
0 Kelvin Cross Sections



MAT 6595

66-Dy-146

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

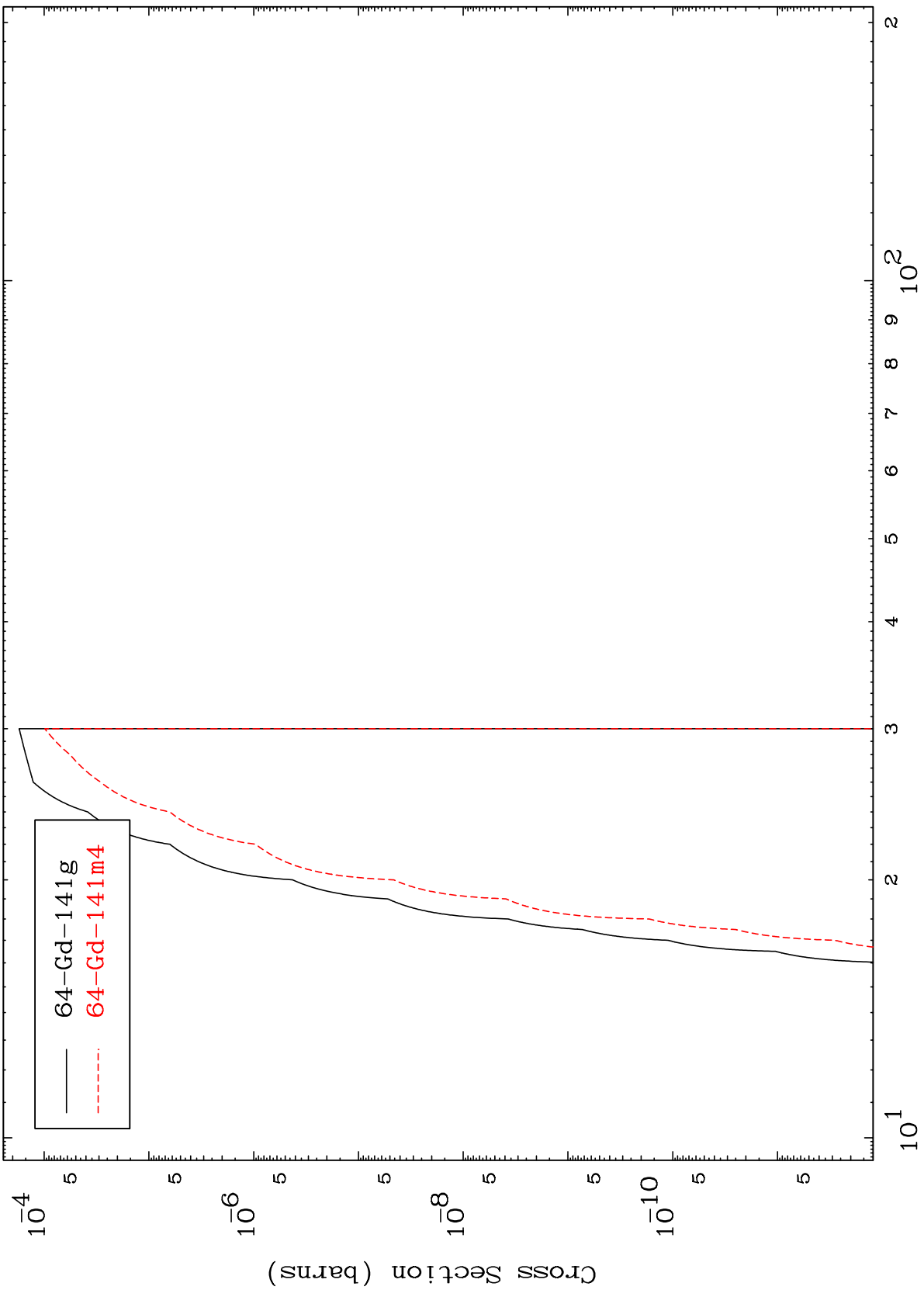
66-Dy-146

MAT 6595

(n,n') α

66-Dy-146

Radionuclide Production Cross Section



13

Incident Energy (MeV)

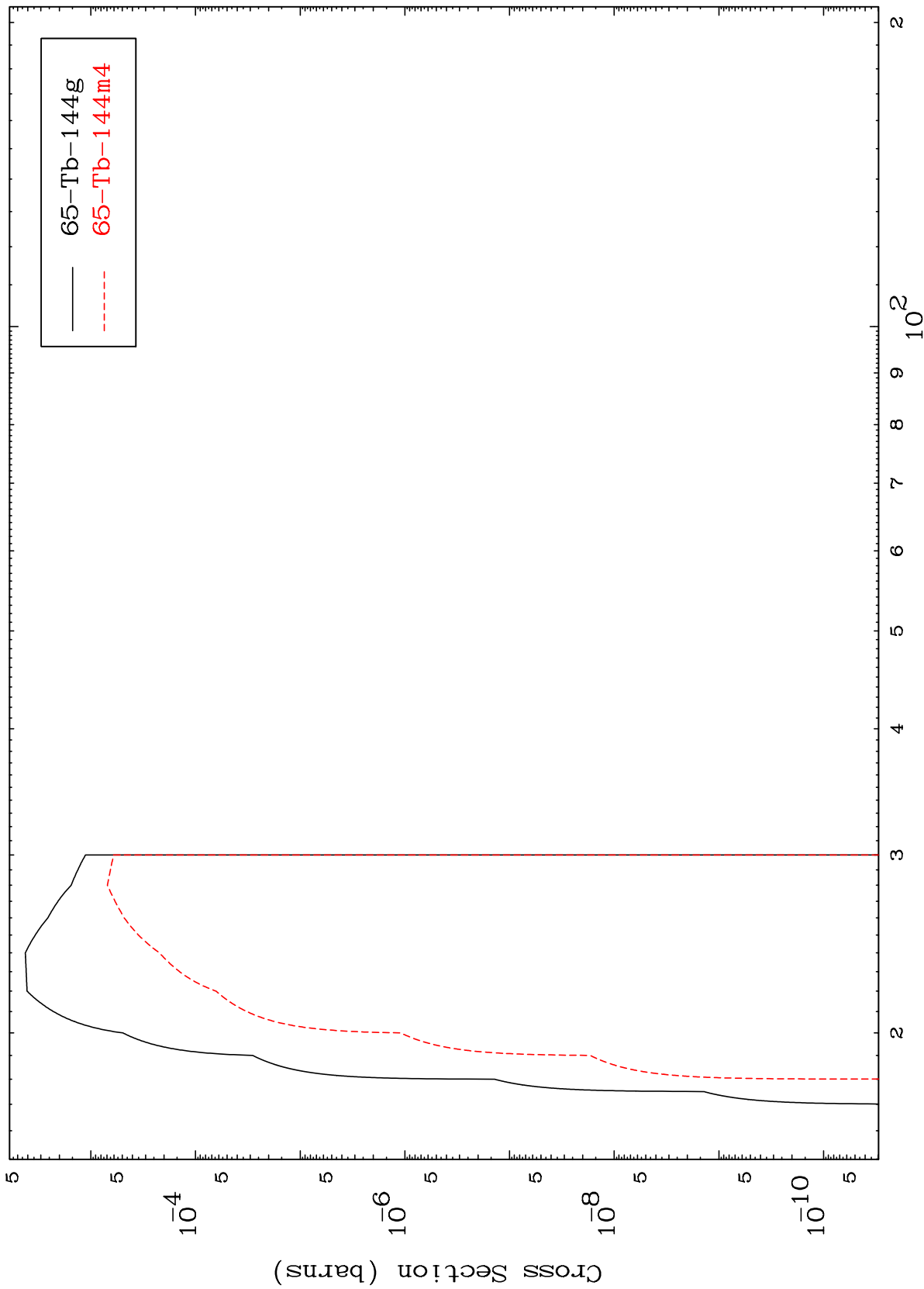
66-Dy-146

MAT 6595

(n,n') p

66-Dy-146

Radionuclide Production Cross Section



14

Incident Energy (MeV)

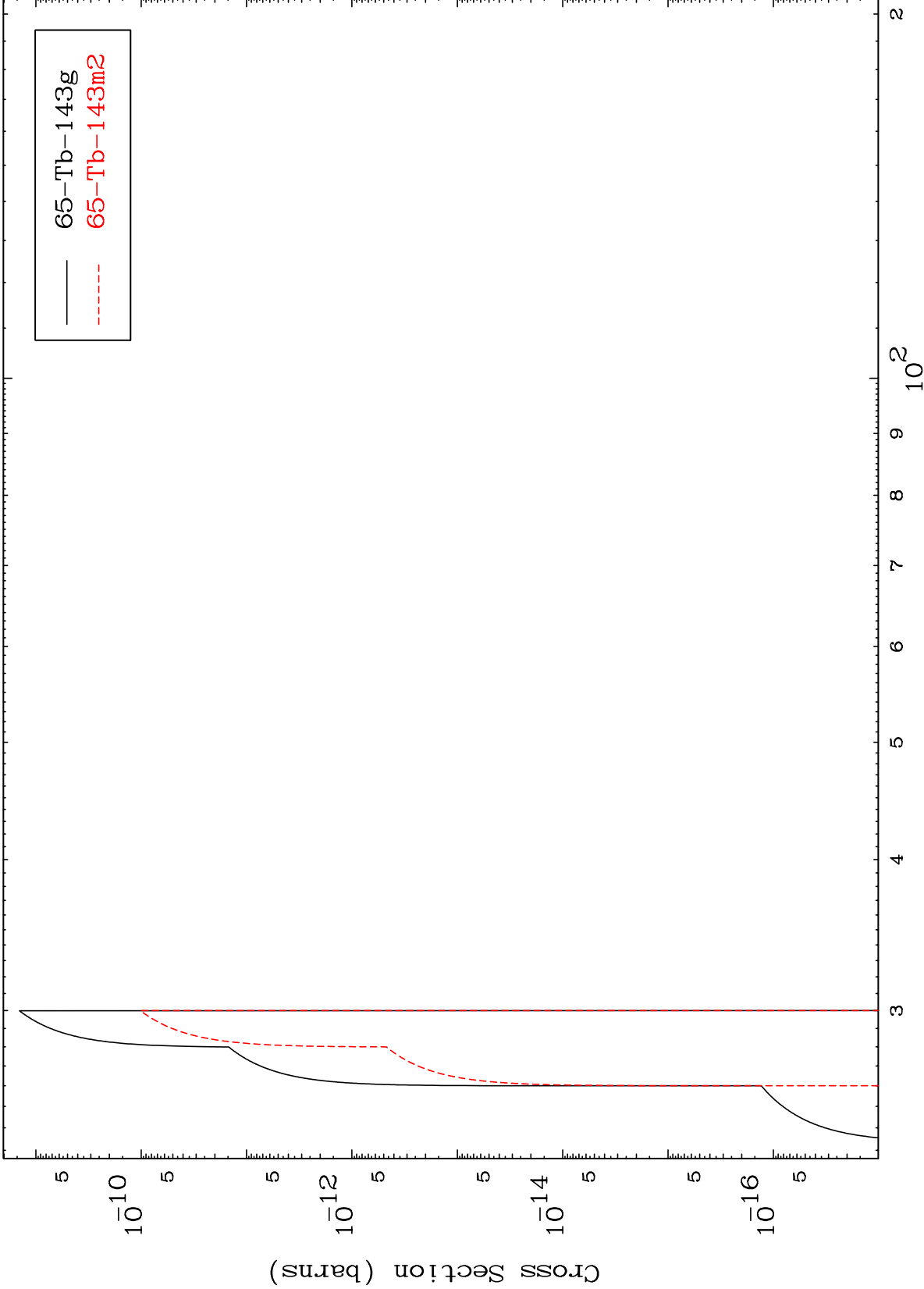
66-Dy-146

MAT 6595

(n,n') d

66-Dy-146

Radionuclide Production Cross Section



15

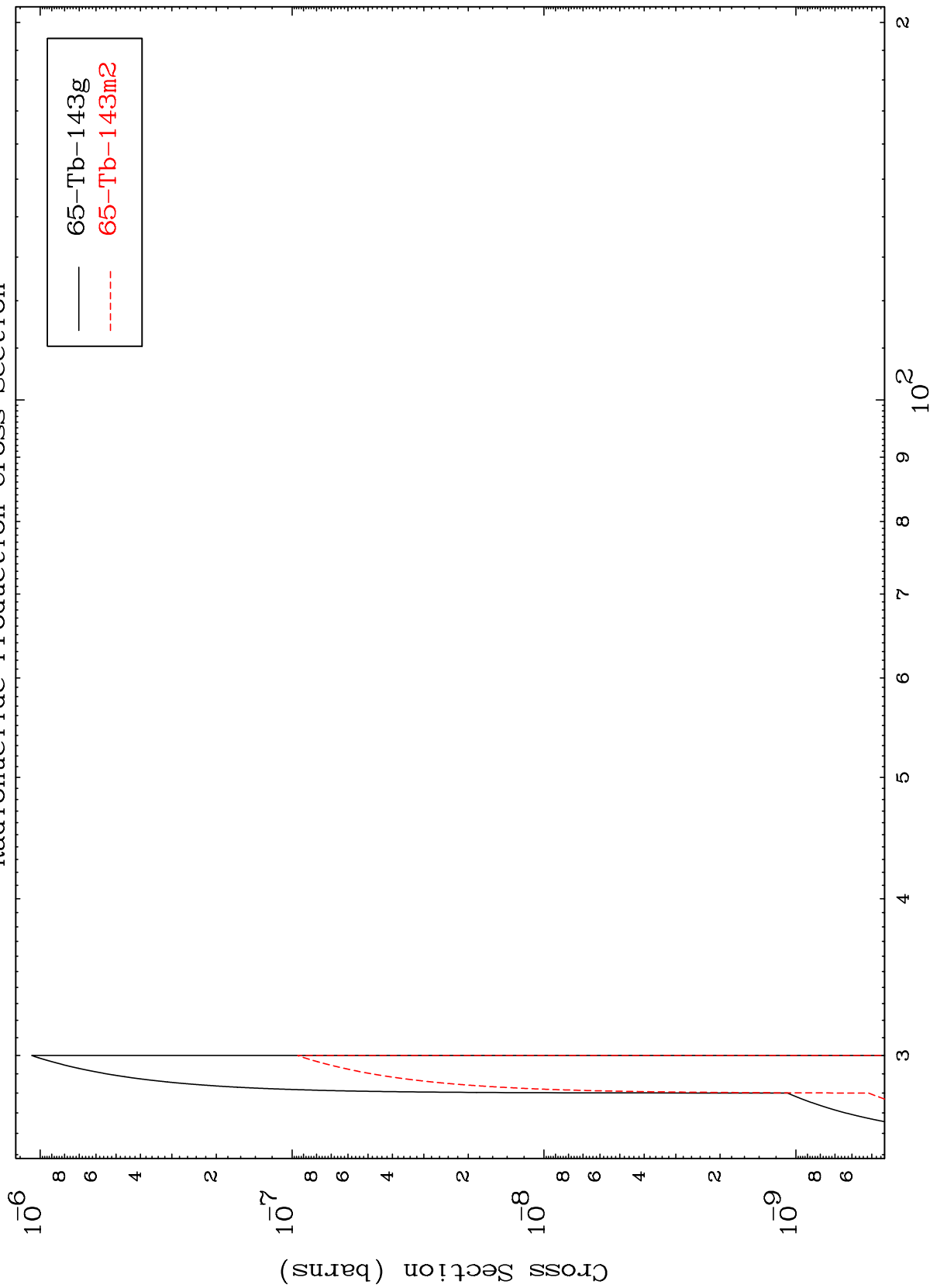
Incident Energy (MeV)

66-Dy-146

MAT 6595

66-Dy-146

(n,2n) p
Radionuclide Production Cross Section



66-Dy-146

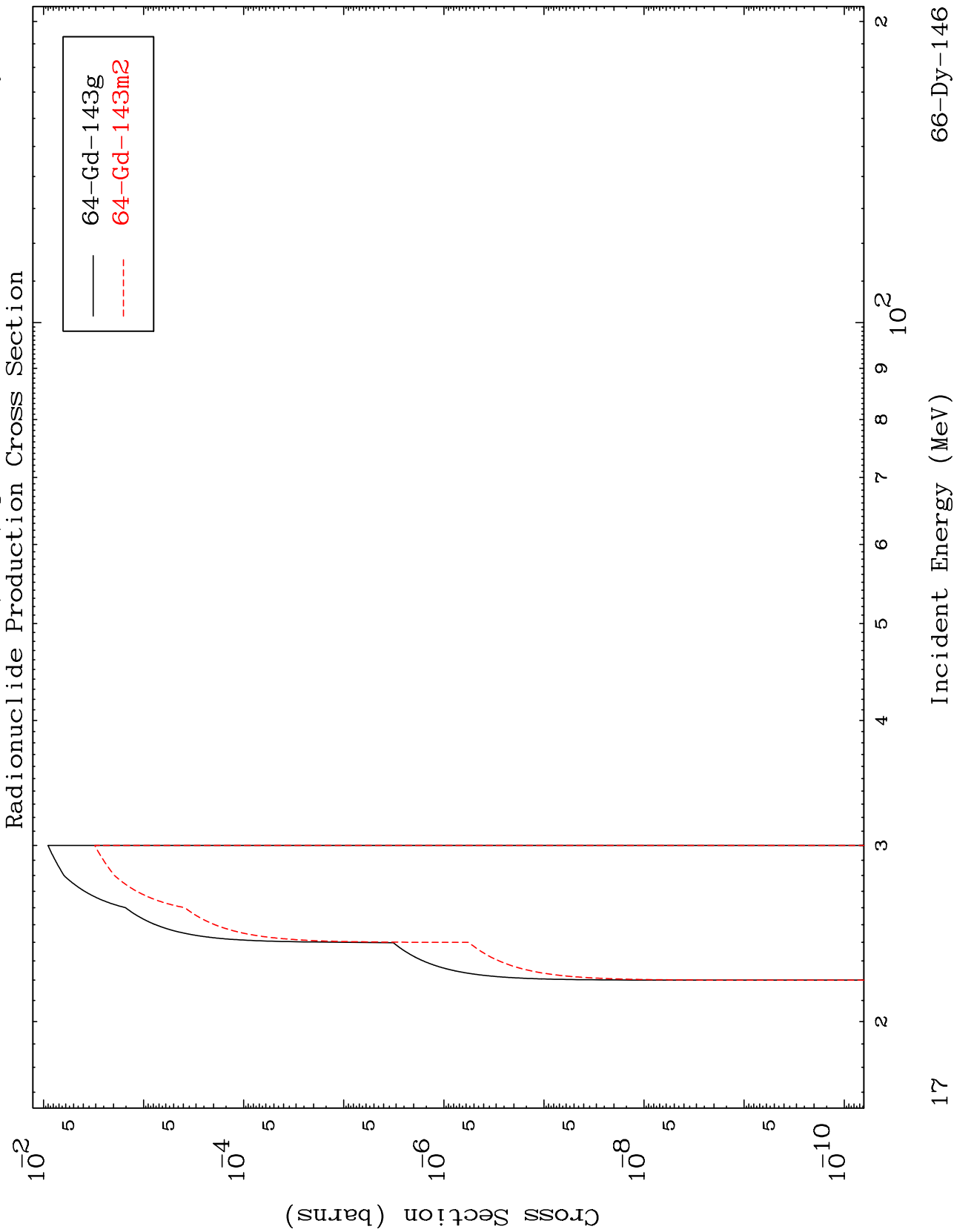
Incident Energy (MeV)

16

MAT 6595

(n,2n) p

66-Dy-146



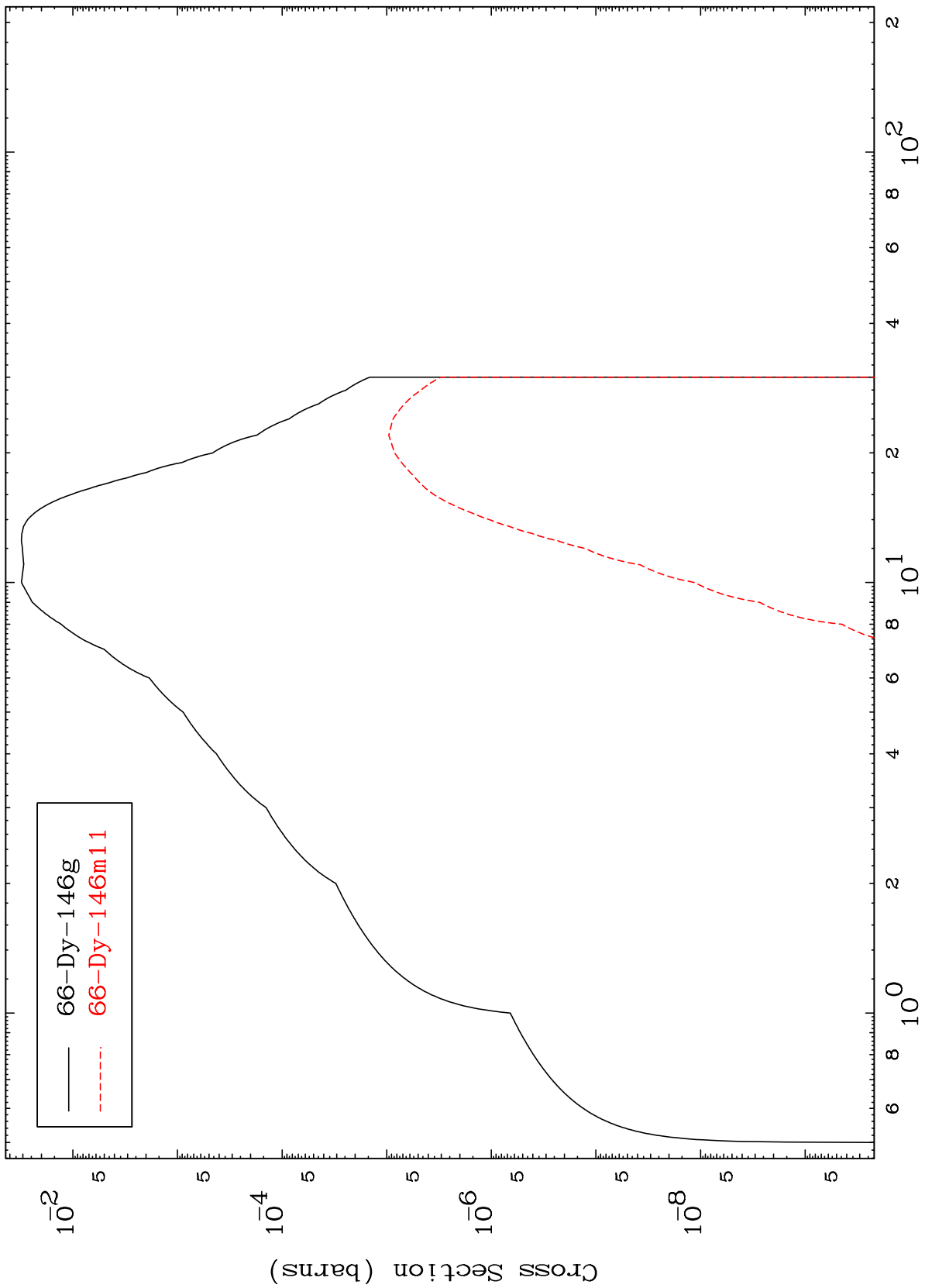
17

66-Dy-146

MAT 6595

66-Dy-146

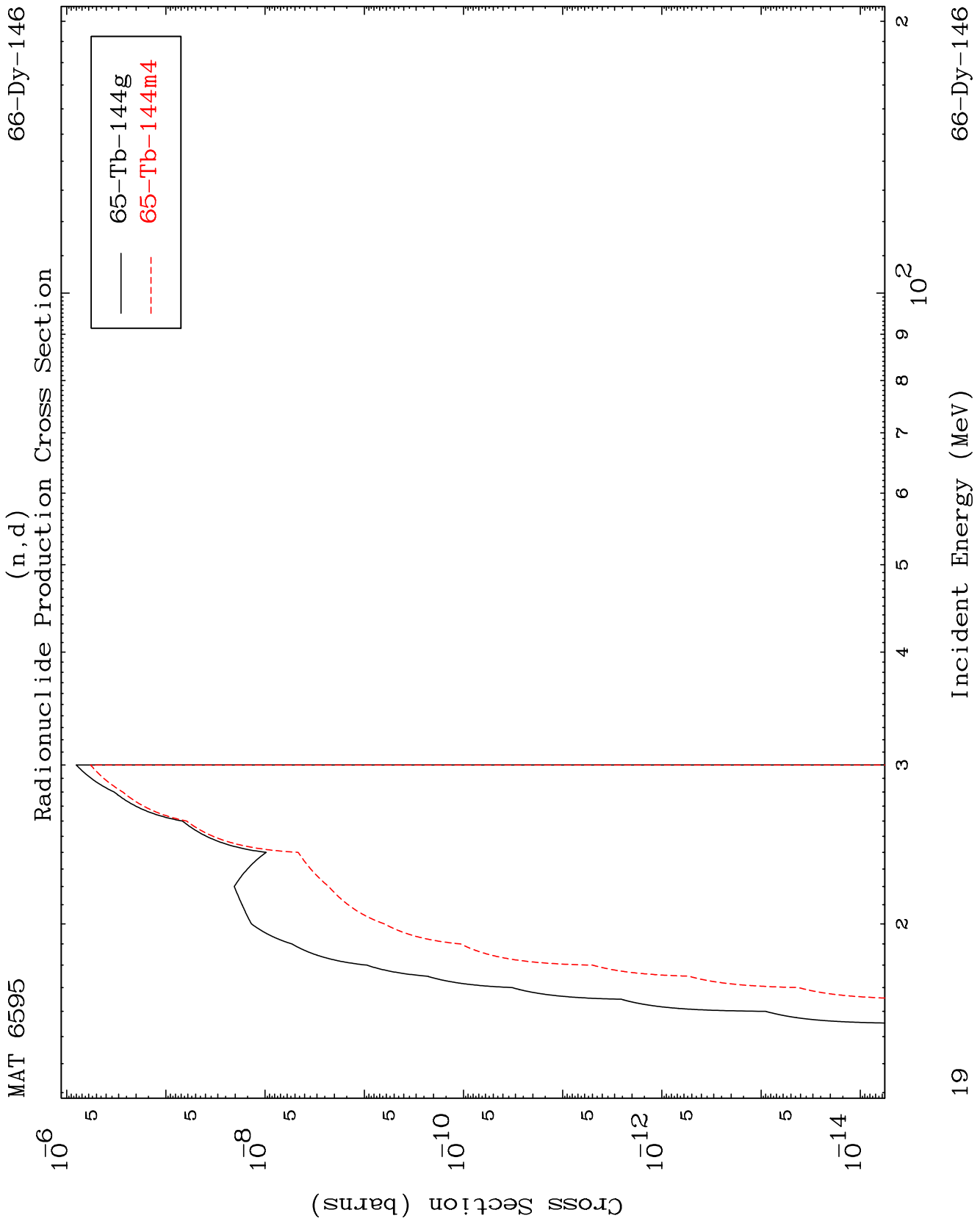
(n,γ)
Radionuclide Production Cross Section



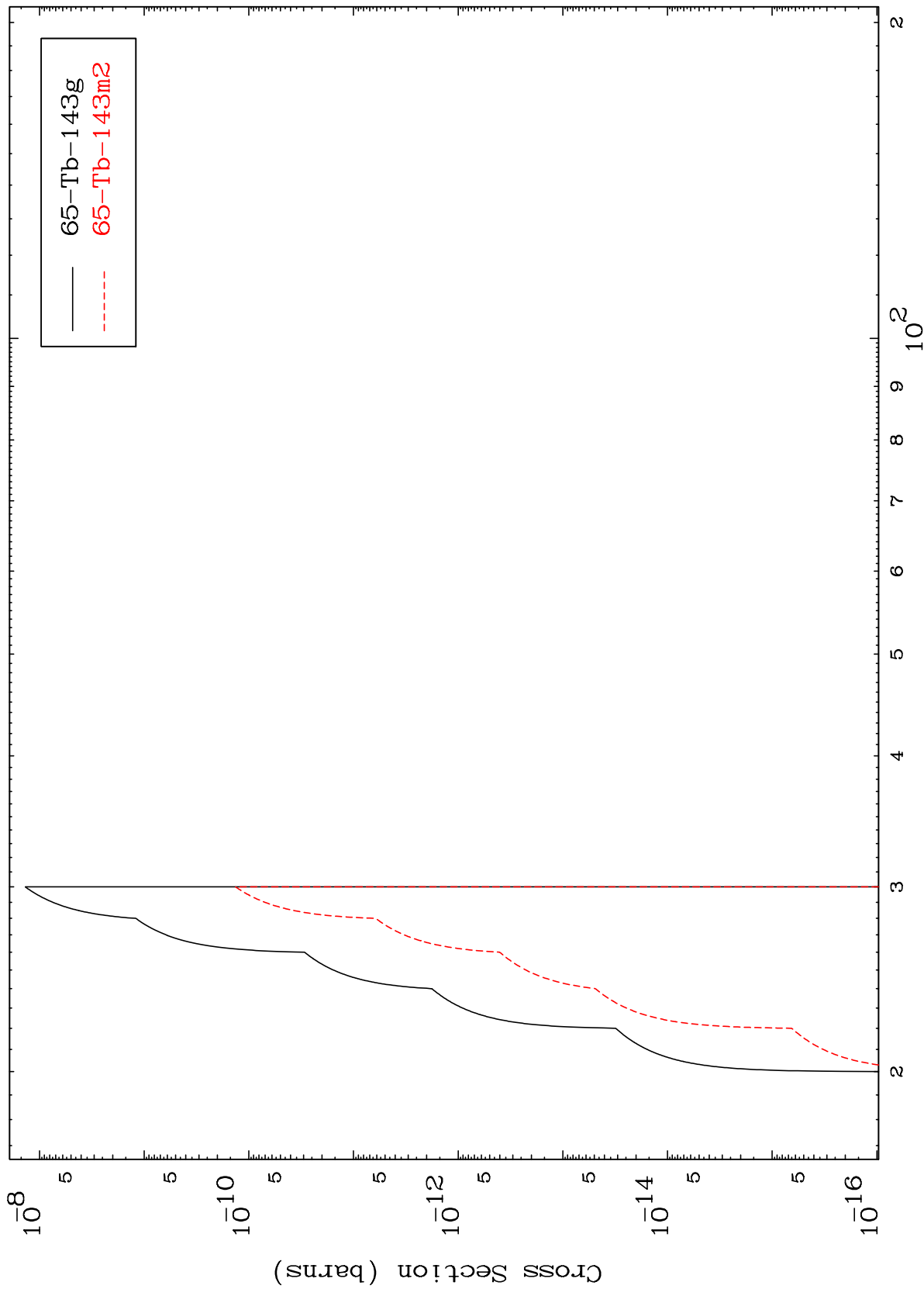
18

Incident Energy (MeV)

66-Dy-146



(n, t)
Radionuclide Production Cross Section

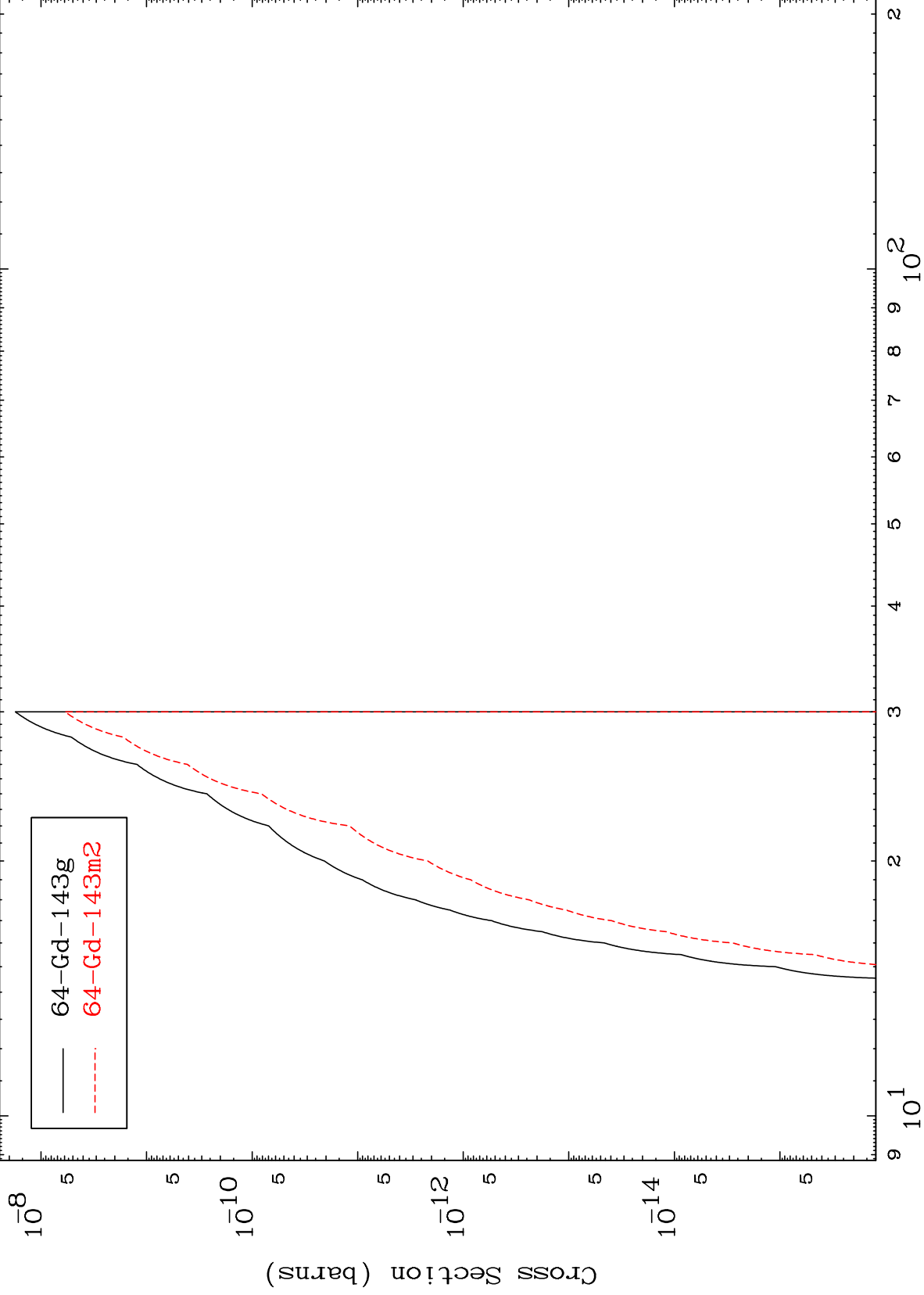


MAT 6595

(n,He-3)

66-Dy-146

Radionuclide Production Cross Section



21

Incident Energy (MeV)

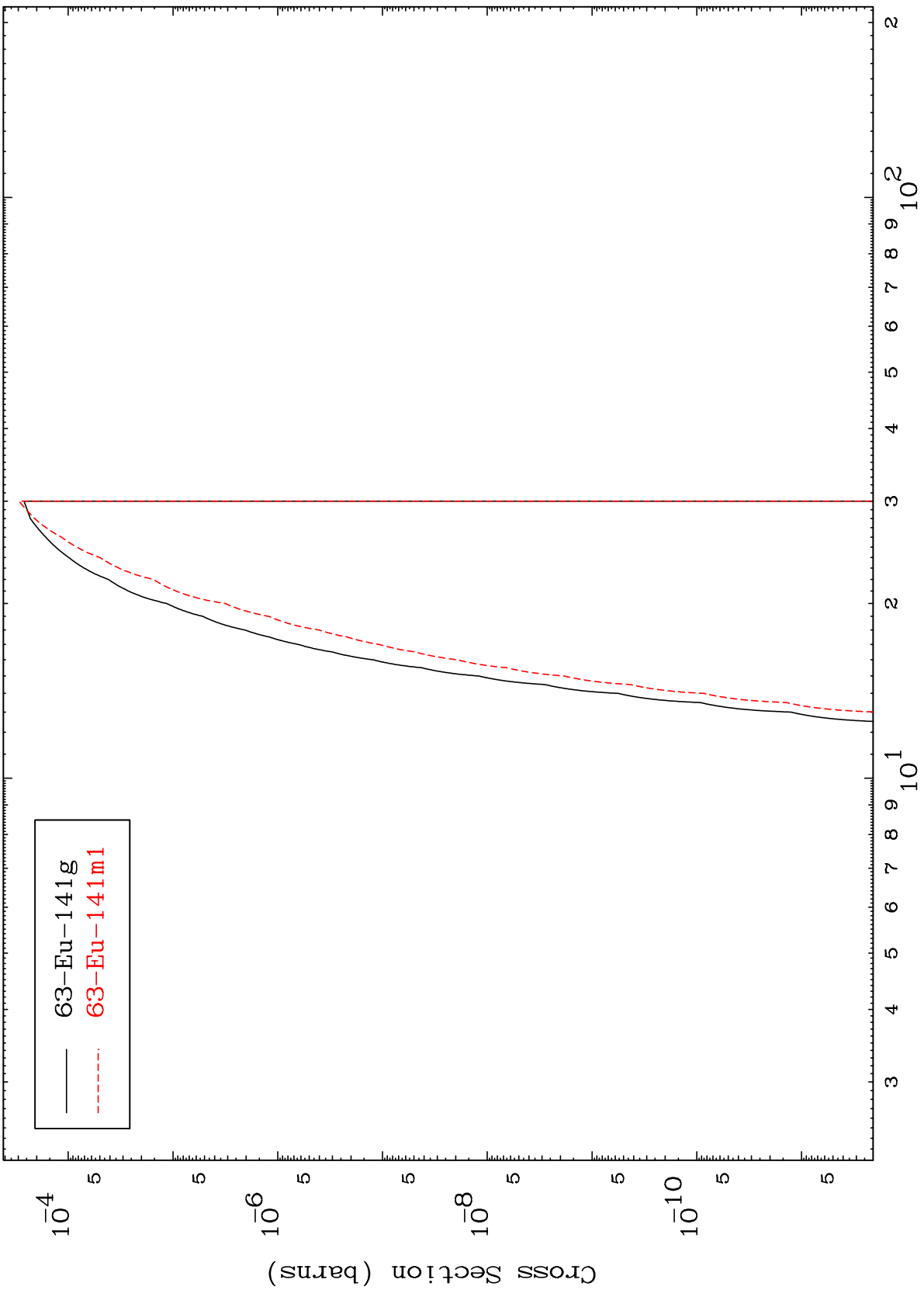
66-Dy-146

MAT 6595

(n,p) α

66-Dy-146

Radionuclide Production Cross Section



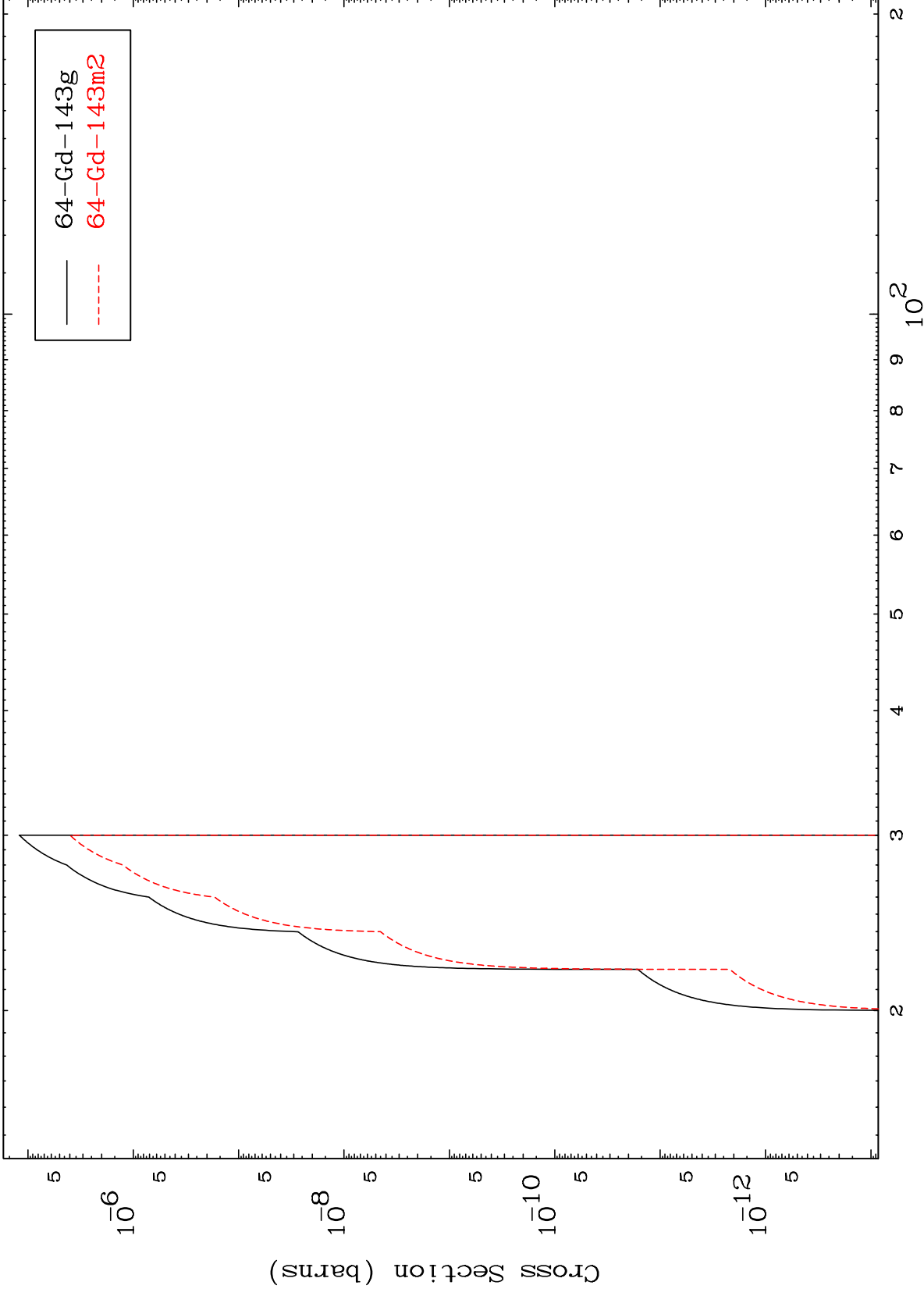
63-Eu-141g
63-Eu-141m1

MAT 6595

(n,p) d

66-Dy-146

Radionuclide Production Cross Section



23

Incident Energy (MeV)

66-Dy-146