

Program EVALPLOT
(Version 2021-1)

by

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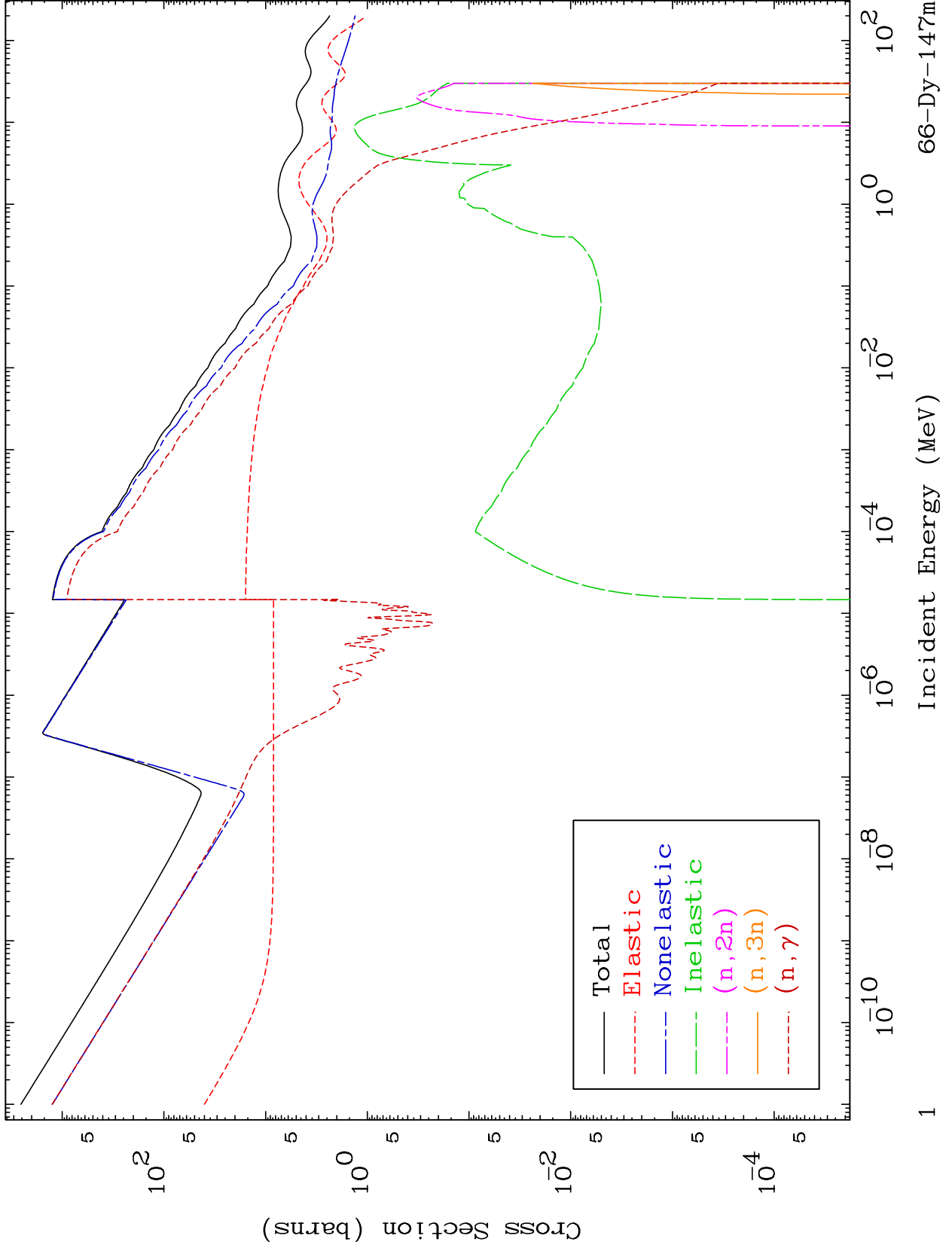
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6599

Neutron Major
293 Kelvin Cross Sections

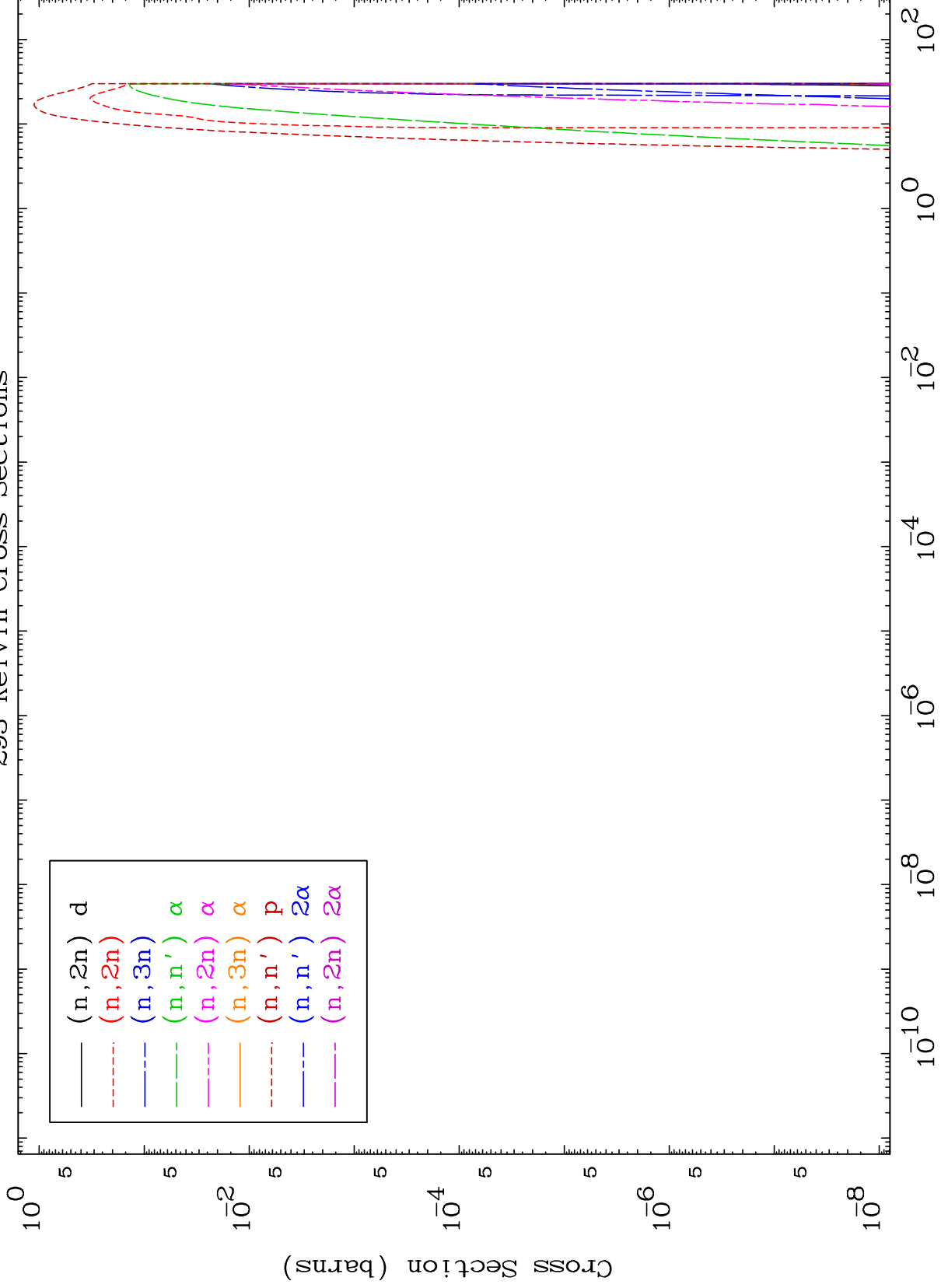
66-Dy-147m



MAT 6599

Neutron Absorption
293 Kelvin Cross Sections

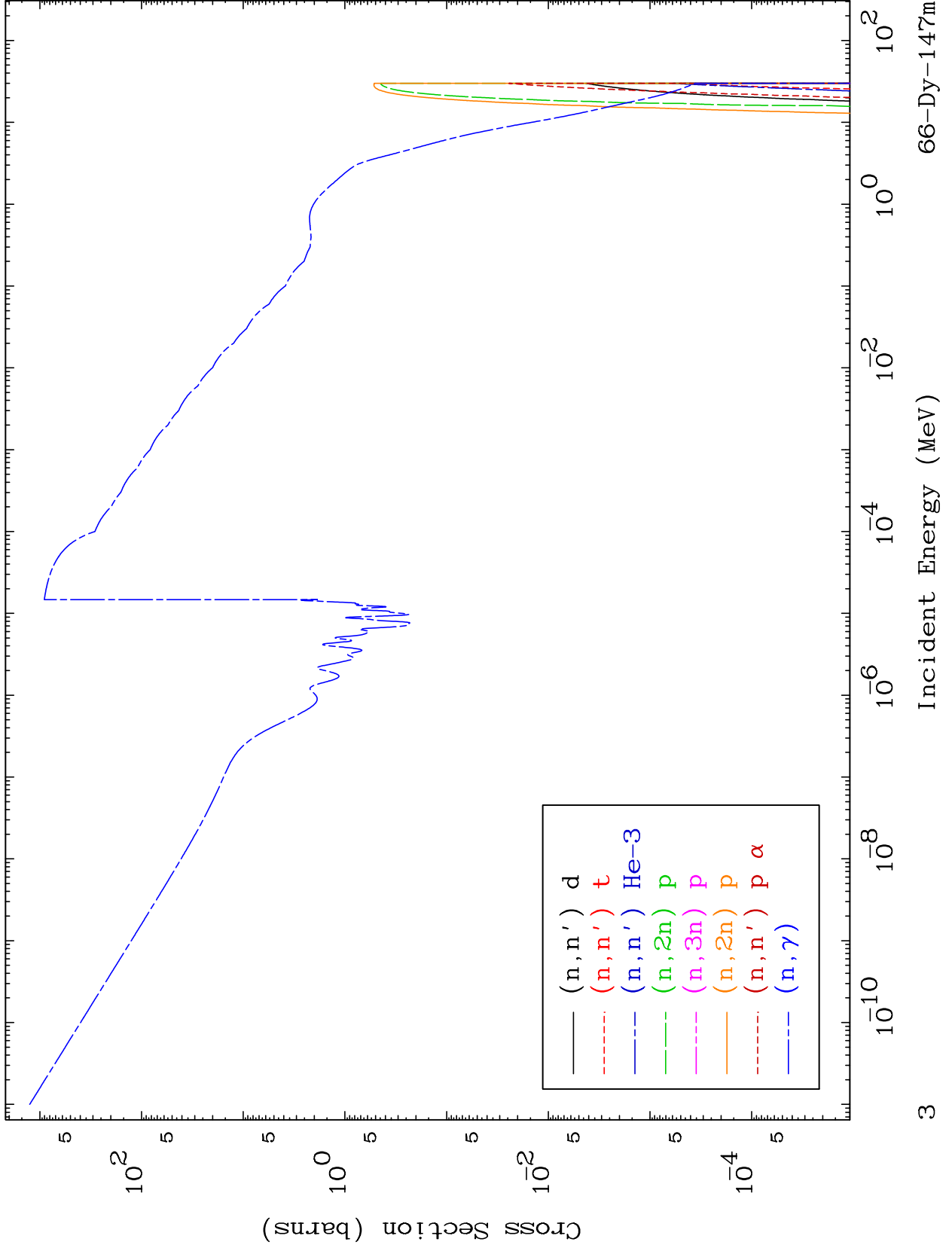
66-Dy-147m



MAT 6599

Neutron Absorption
293 Kelvin Cross Sections

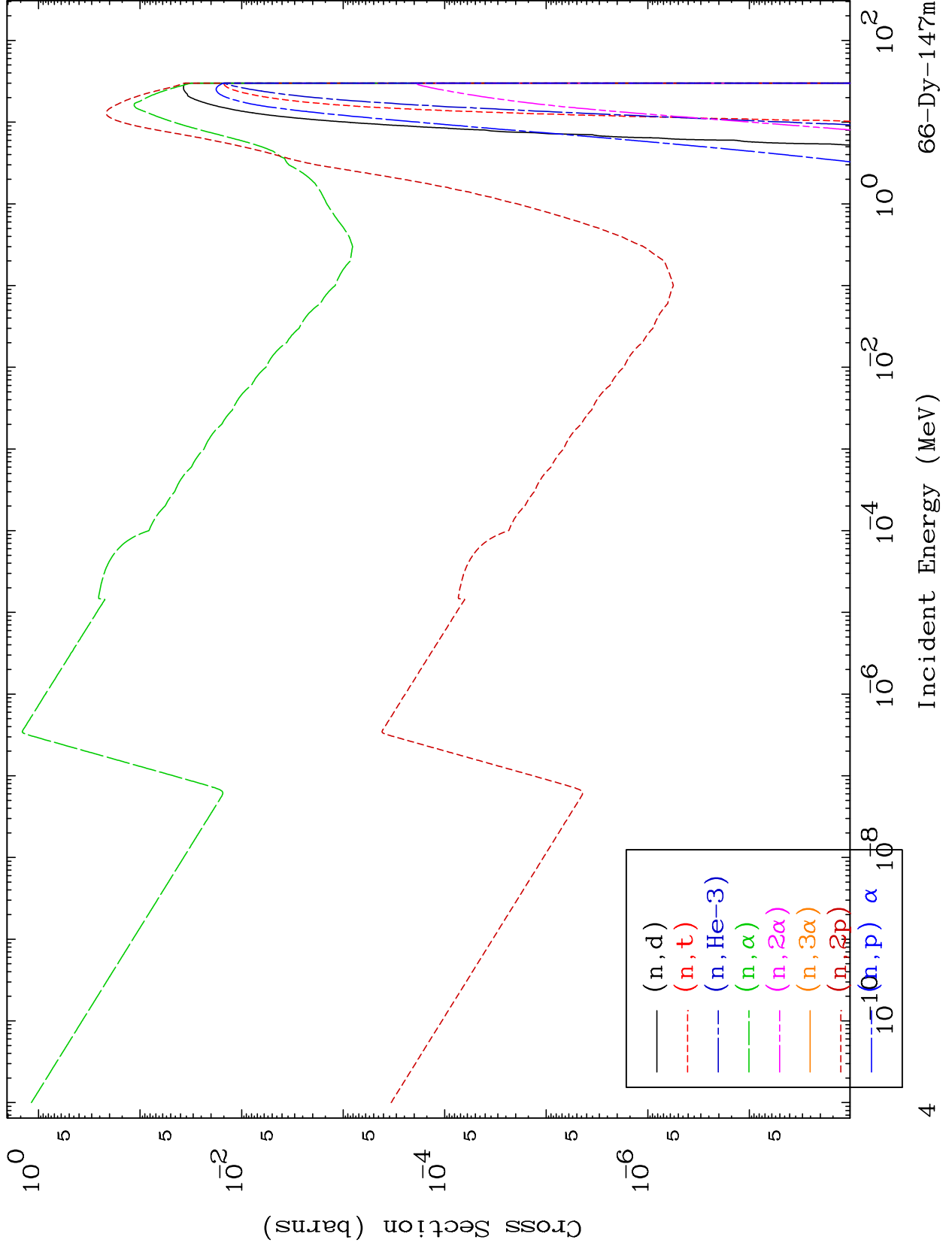
66-Dy-147m

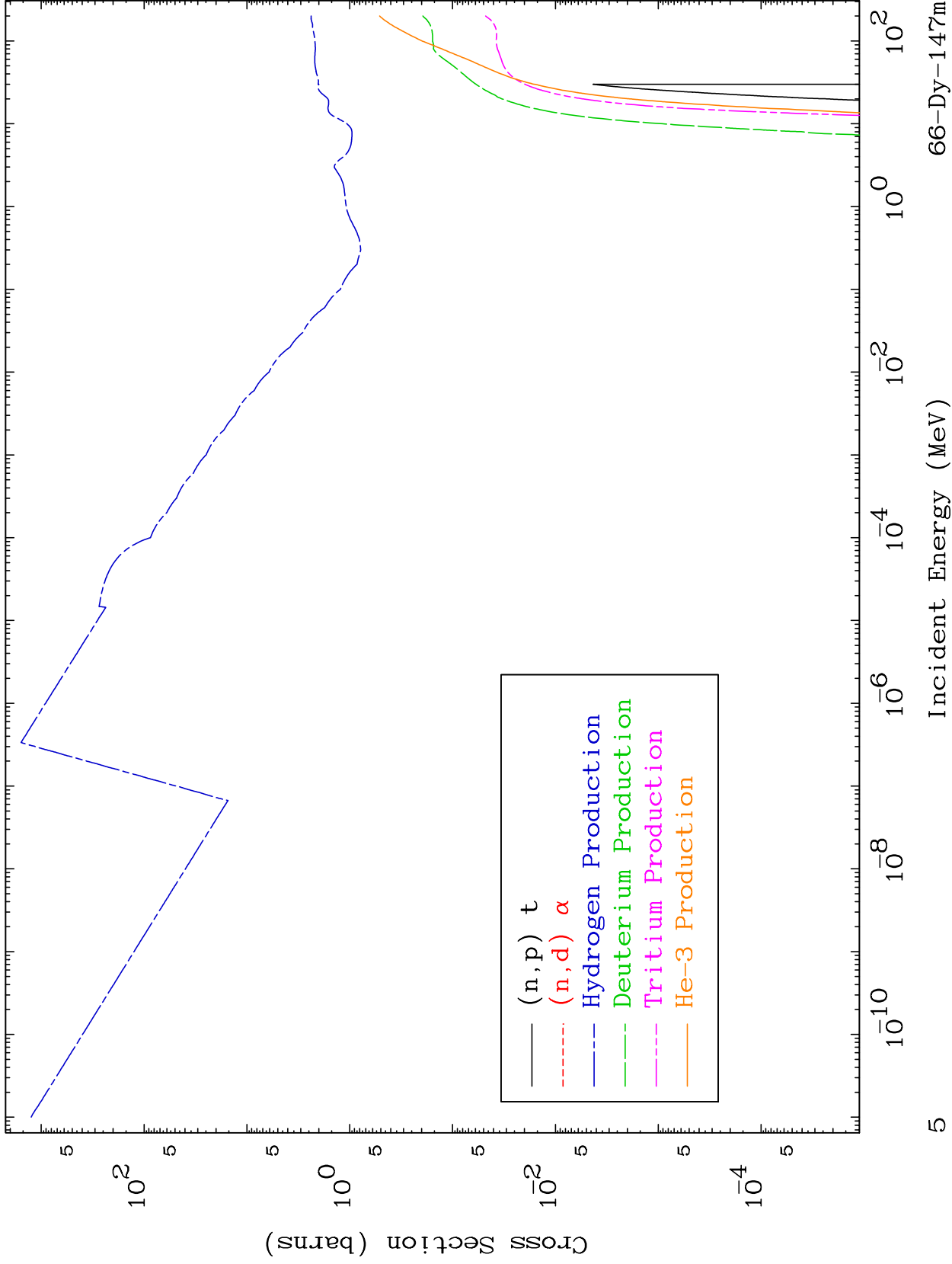


MAT 6599

Neutron Absorption
293 Kelvin Cross Sections

66-Dy-147m

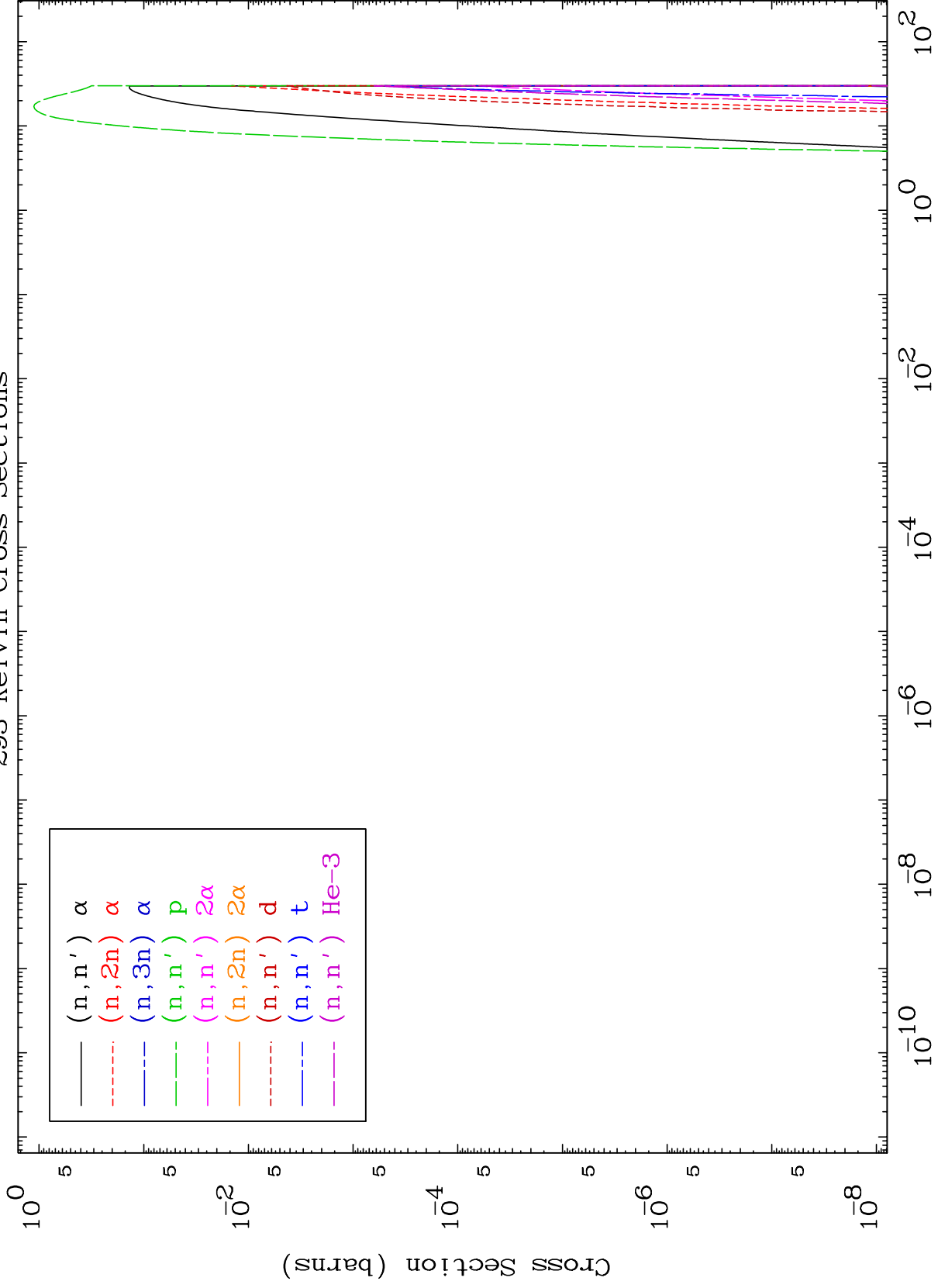




MAT 6599

Charged Particle
293 Kelvin Cross Sections

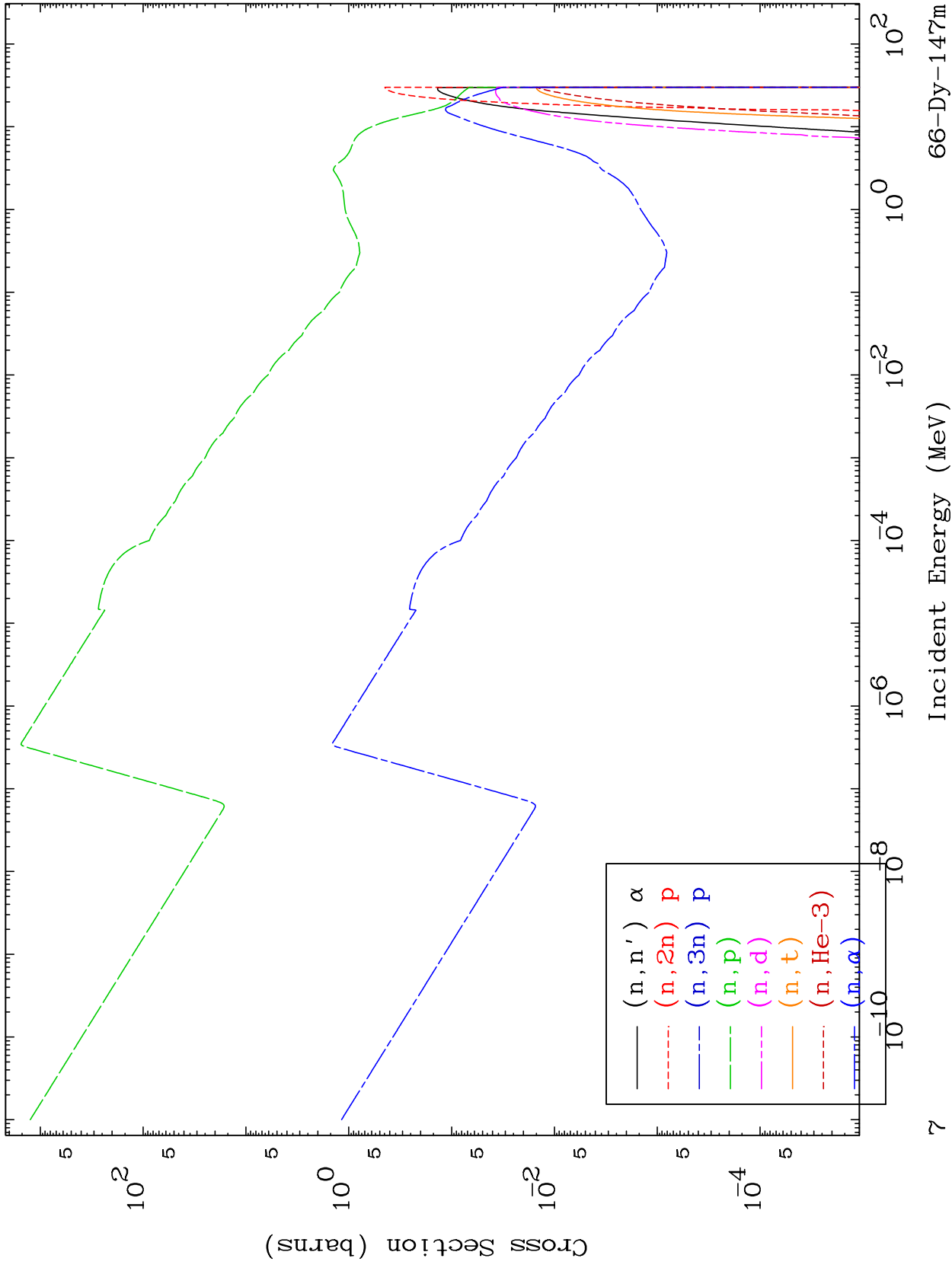
66-Dy-147m



MAT 6599

Charged Particle
293 Kelvin Cross Sections

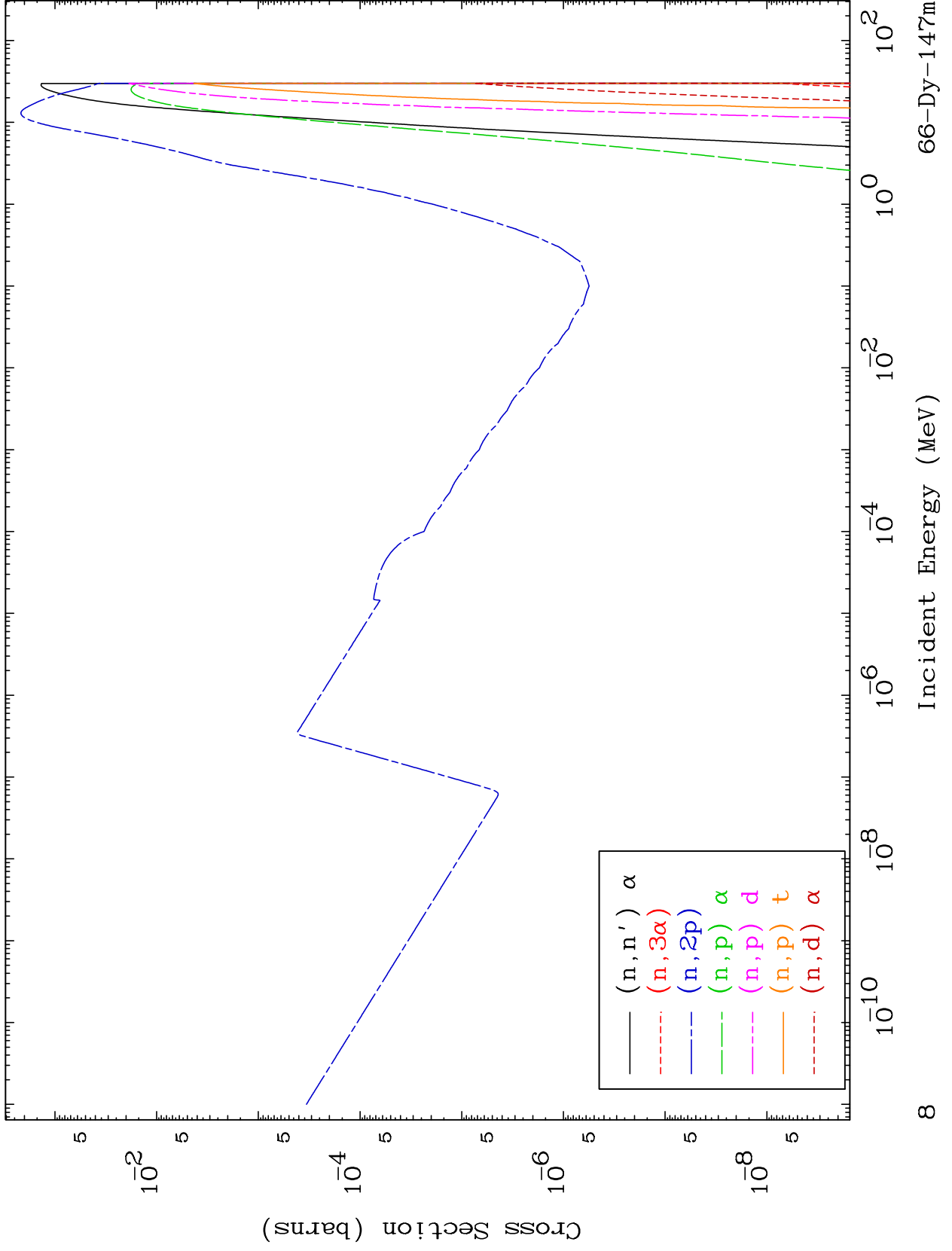
66-Dy-147m



MAT 6599

Charged Particle
293 Kelvin Cross Sections

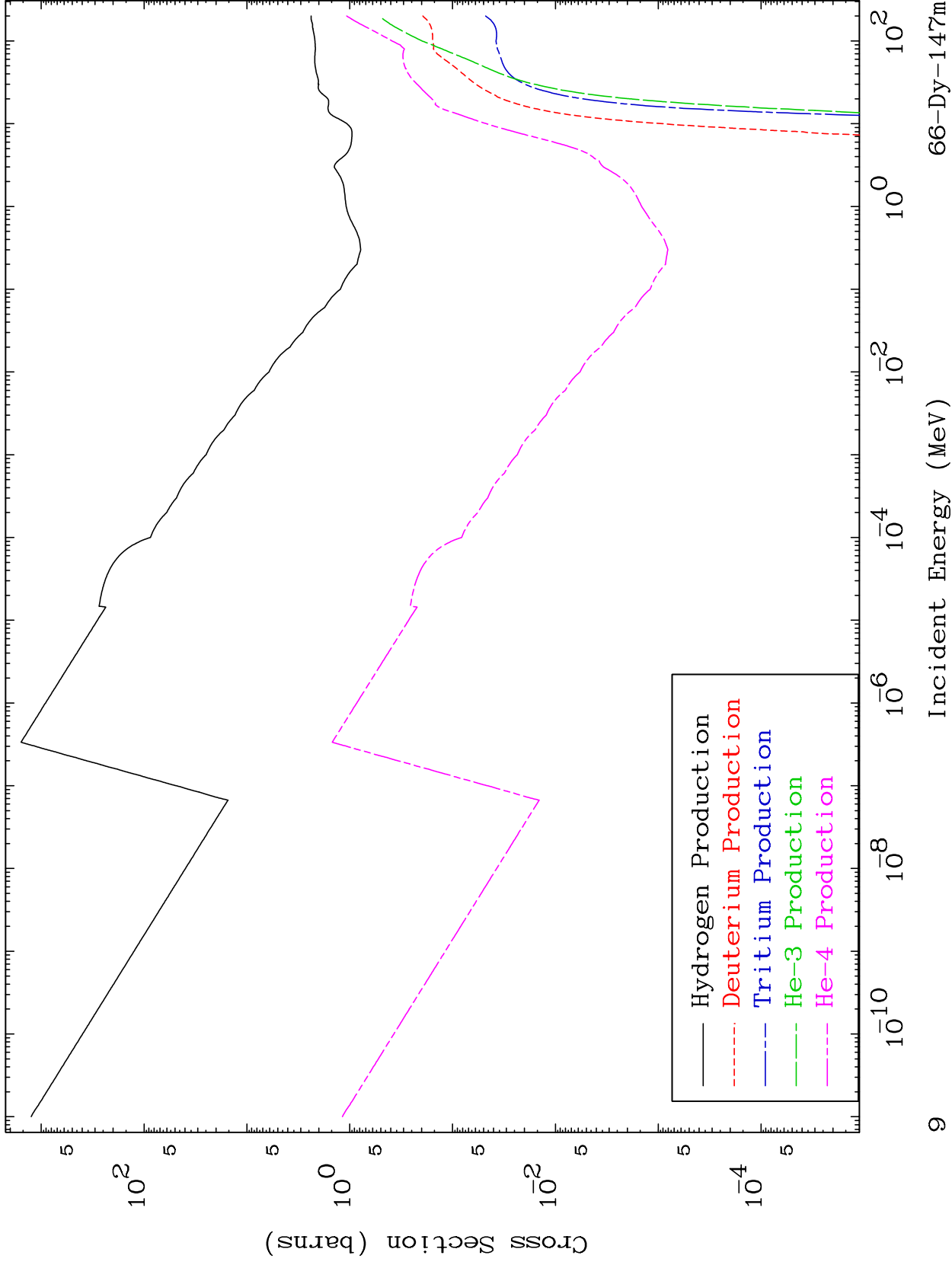
66-Dy-147m



MAT 6599

Particle Production
293 Kelvin Cross Sections

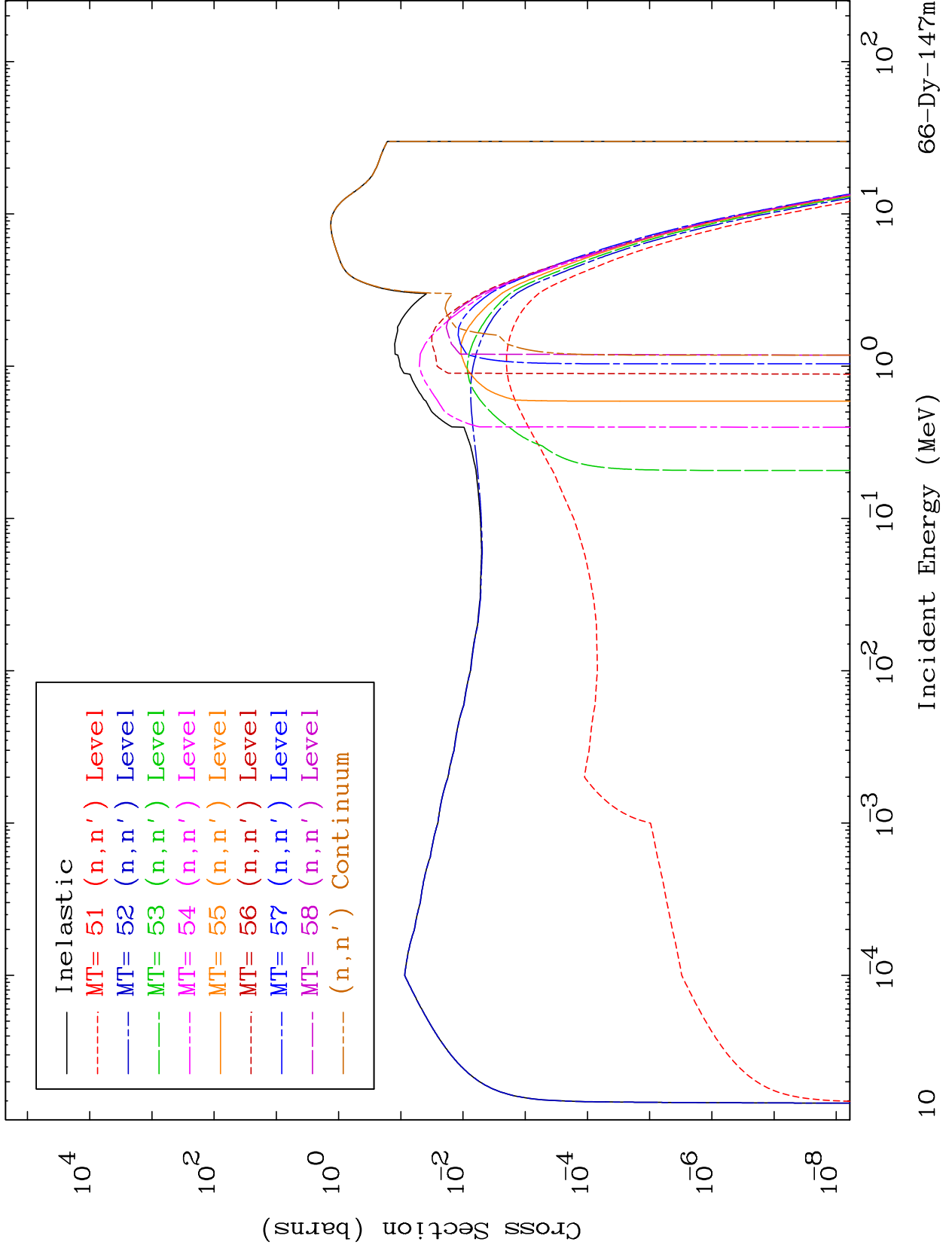
66-Dy-147m



MAT 6599

(n,n') Levels
293 Kelvin Cross Sections

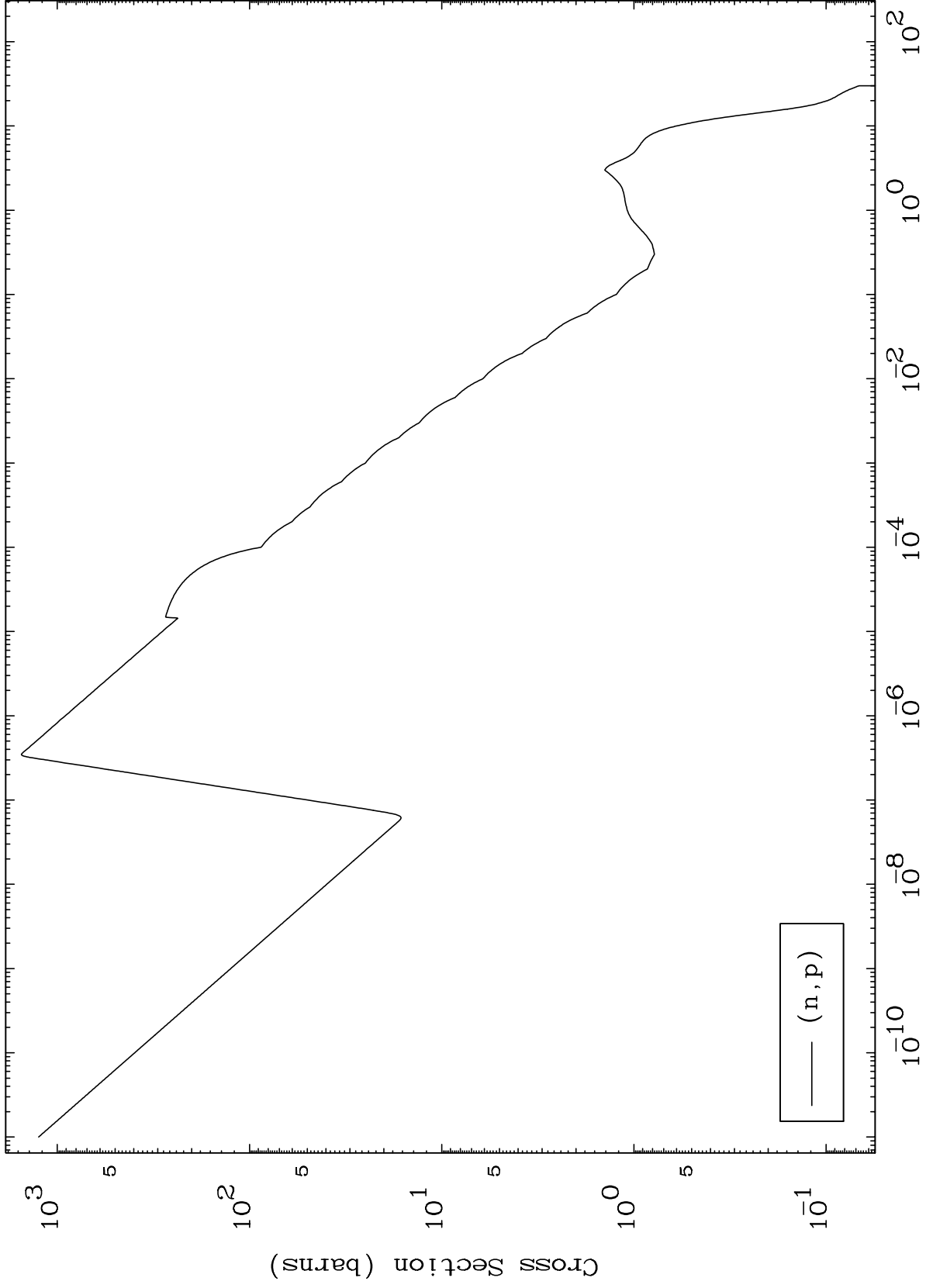
66-Dy-147m



MAT 6599

(n,p) Levels
293 Kelvin Cross Sections

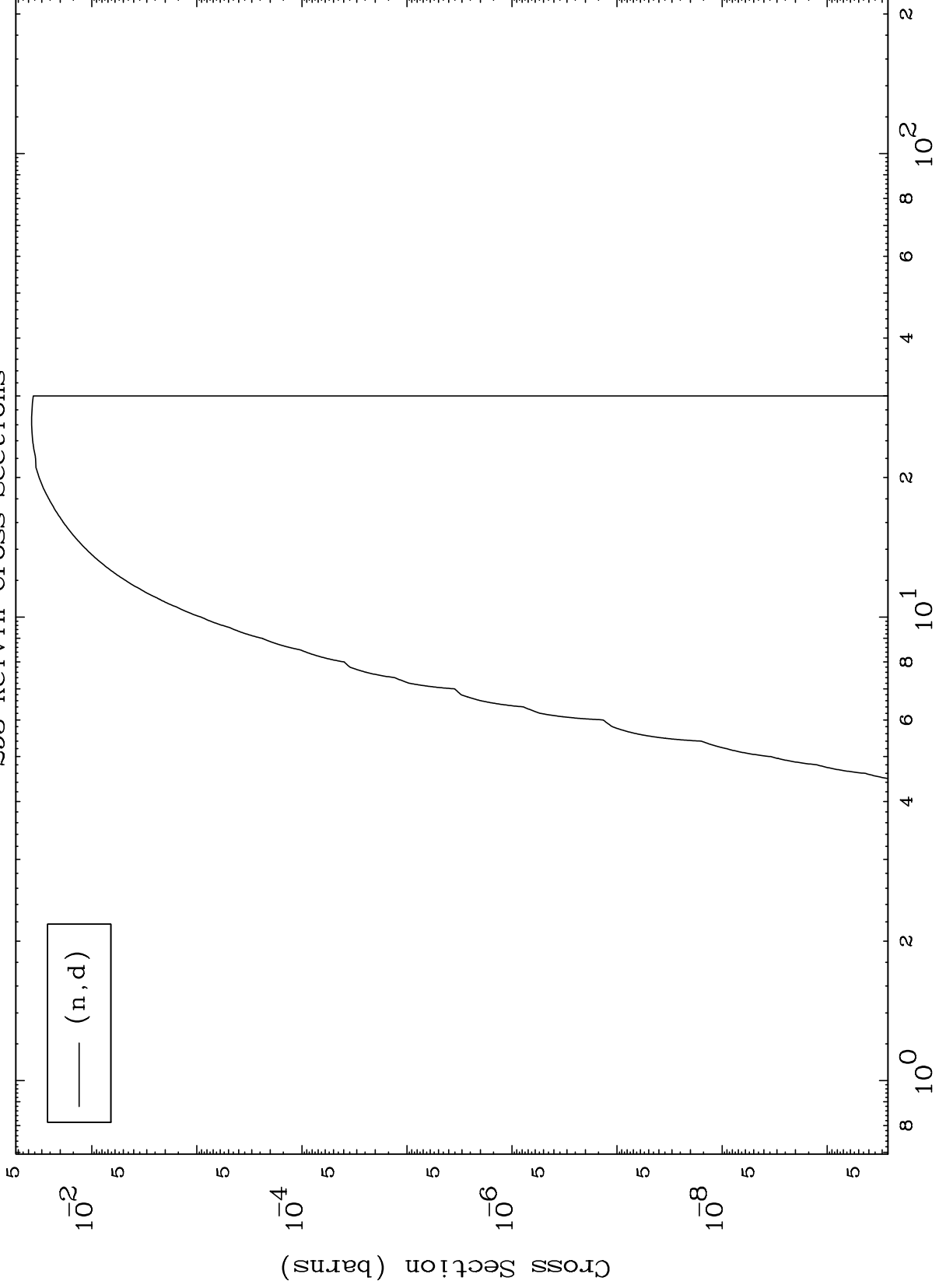
66-Dy-147m



MAT 6599

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-147m



12

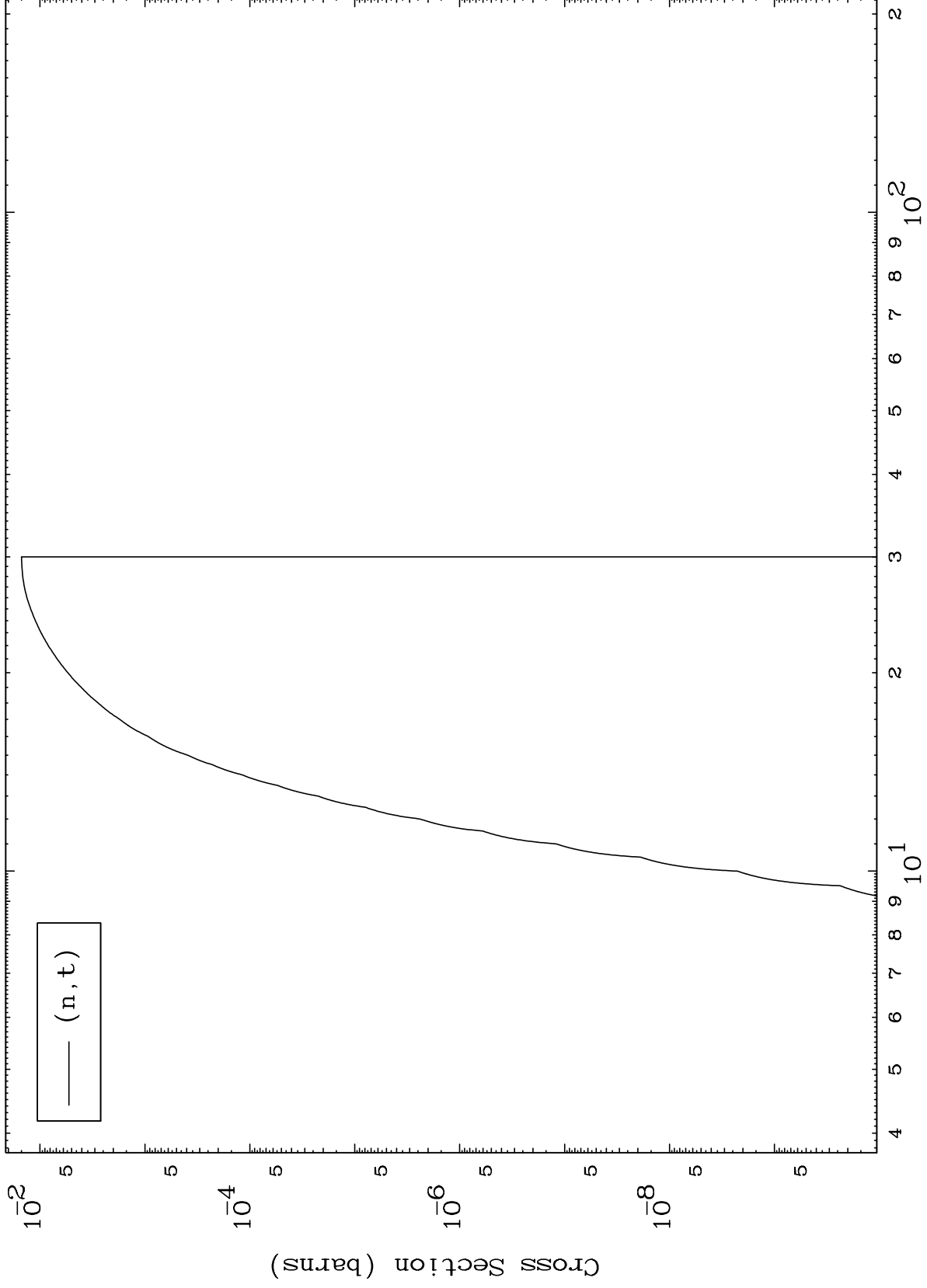
Incident Energy (MeV)

66-Dy-147m

MAT 6599

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-147m



13

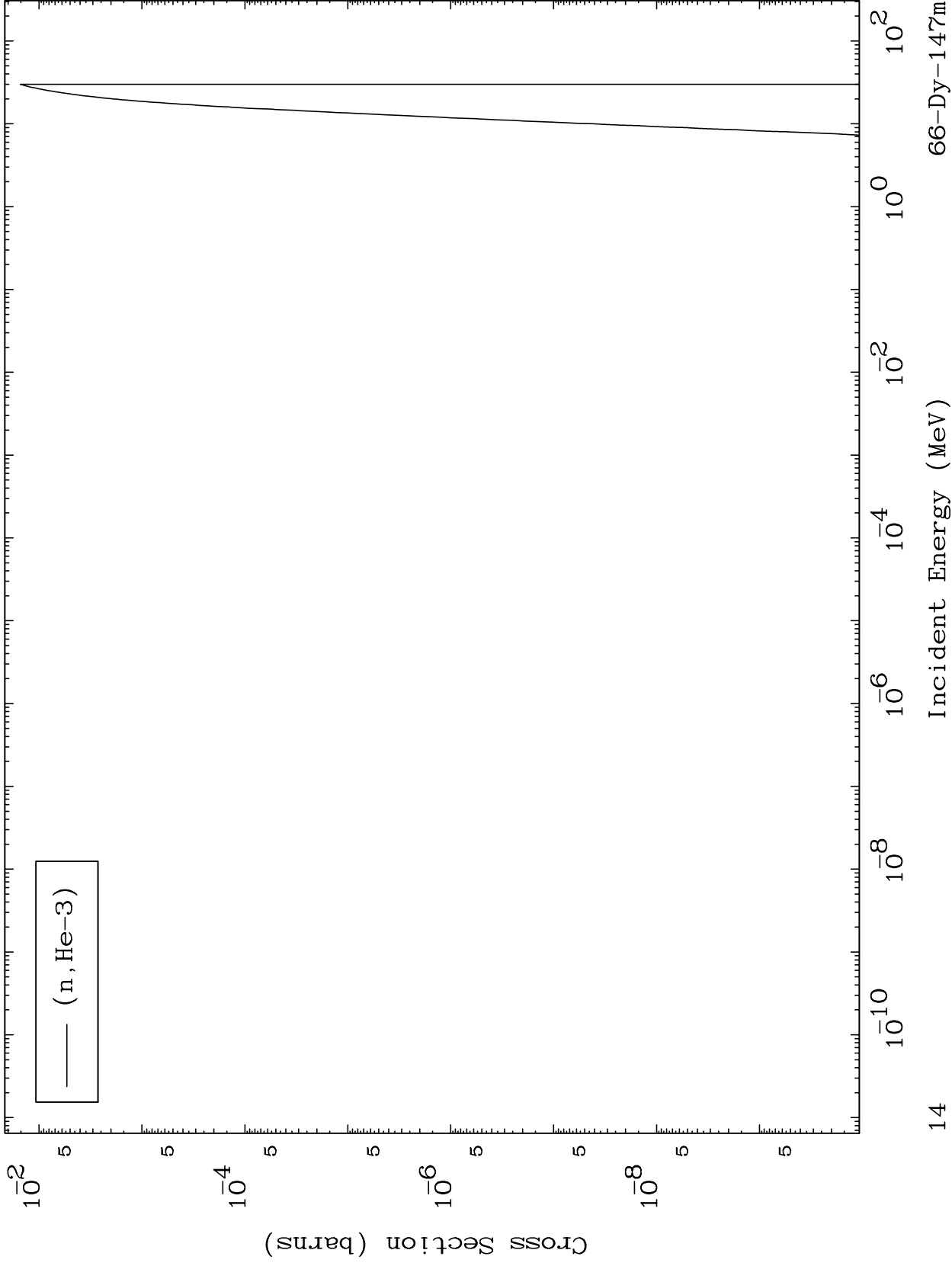
Incident Energy (MeV)

66-Dy-147m

MAT 6599

(n,He3) Levels
293 Kelvin Cross Sections

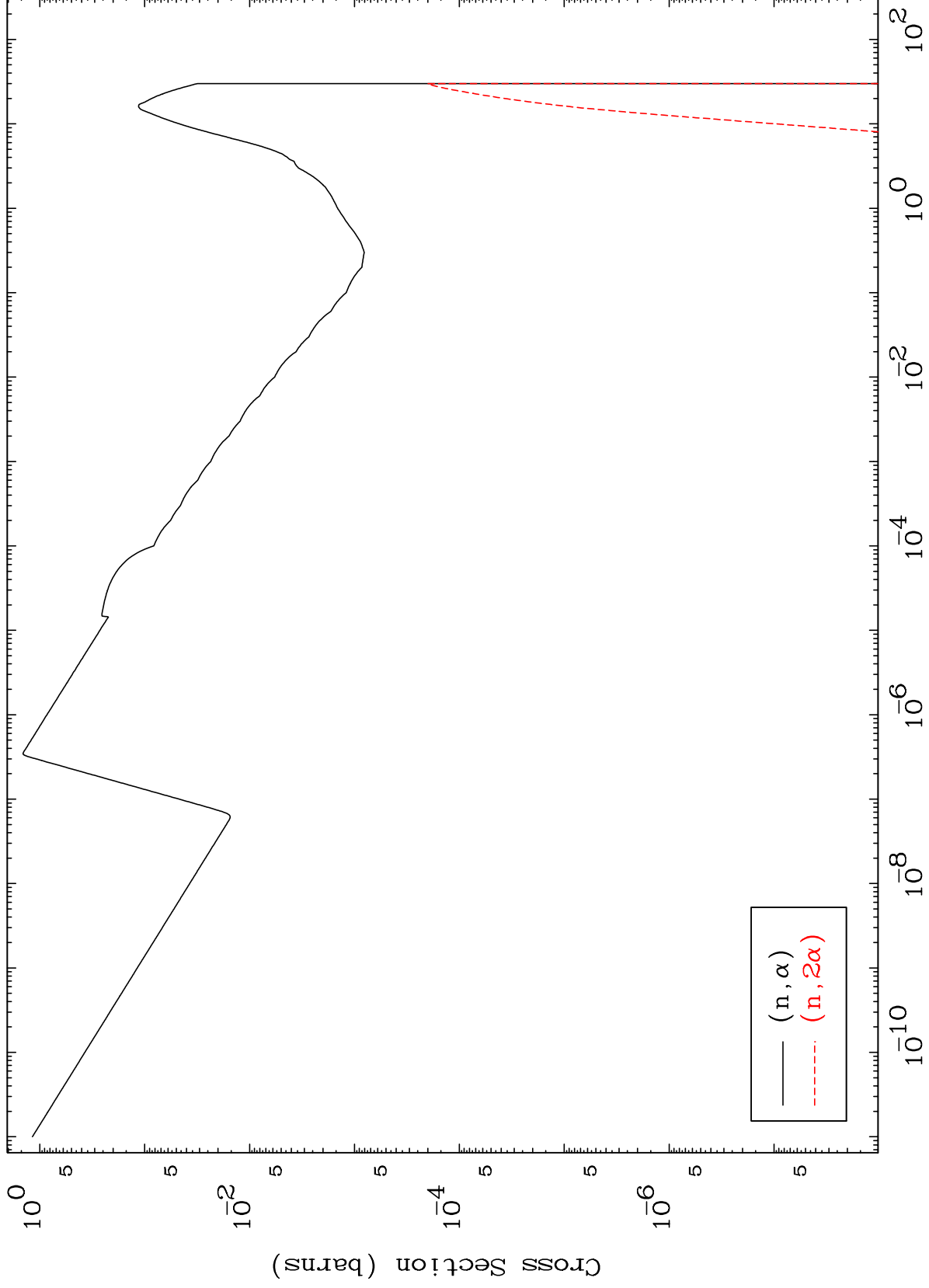
66-Dy-147m



MAT 6599

(n, α) Levels
293 Kelvin Cross Sections

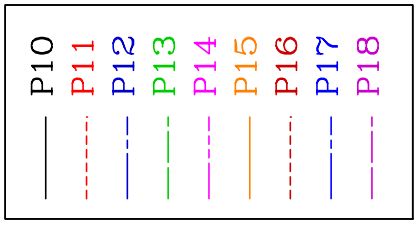
66-Dy-147m



MAT 6599

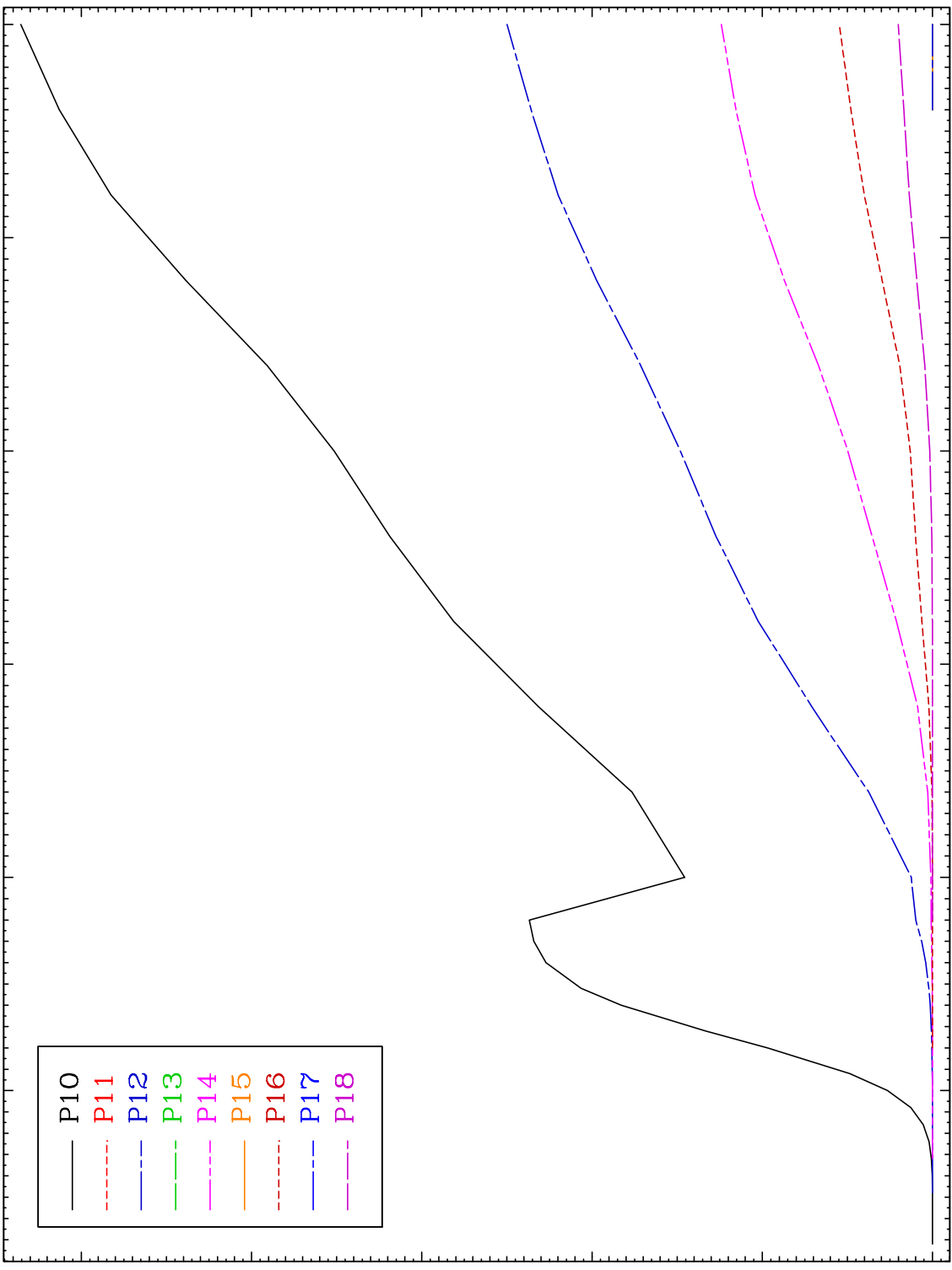
Elastic Legendre Coefficients

66-Dy-147m



$\times 10^{-4}$

Legendre (CM)



30

25

20

15

10

5

17

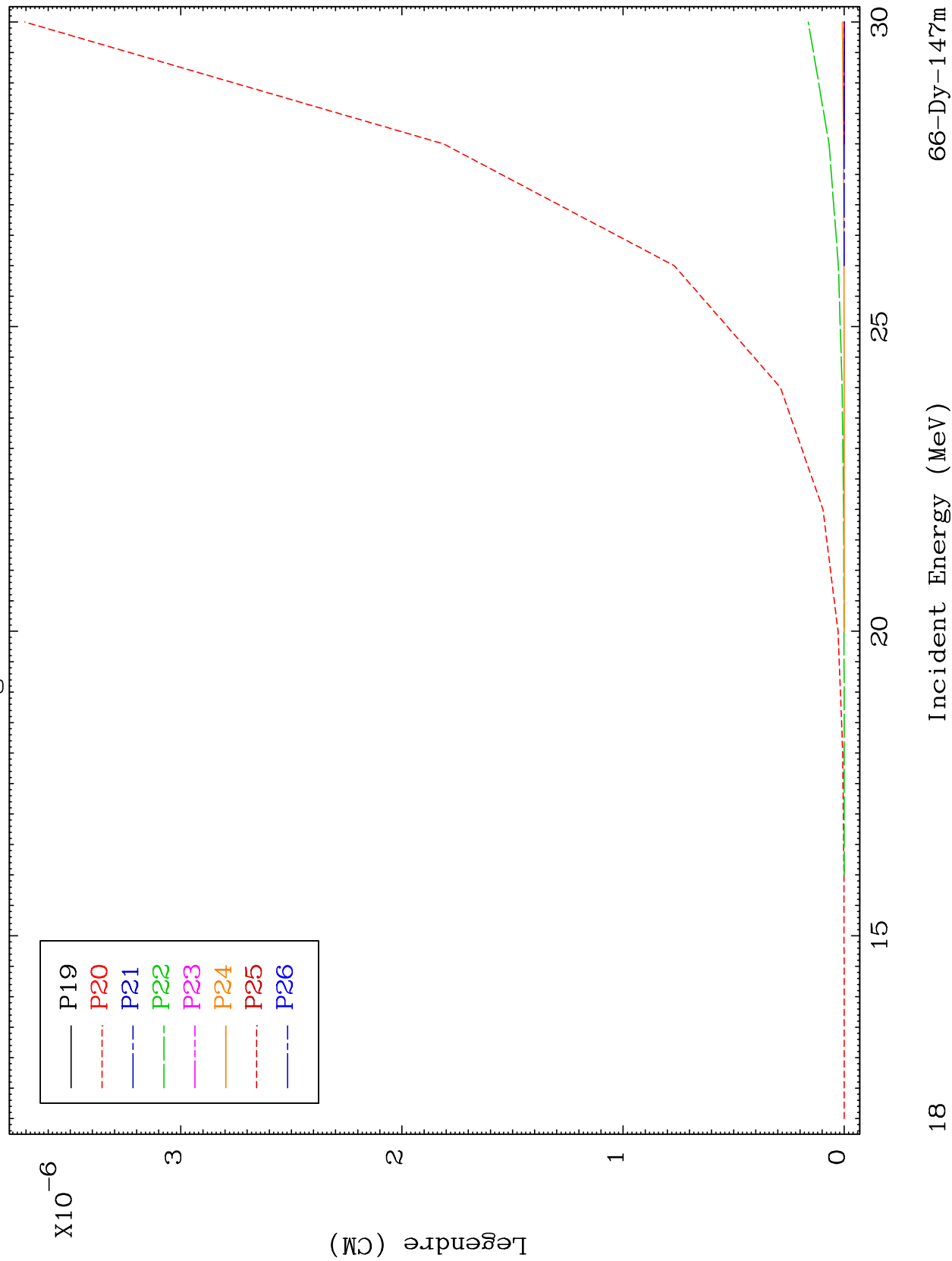
Incident Energy (MeV)

66-Dy-147m

MAT 6599

Elastic
Legendre Coefficients

66-Dy-147m



18

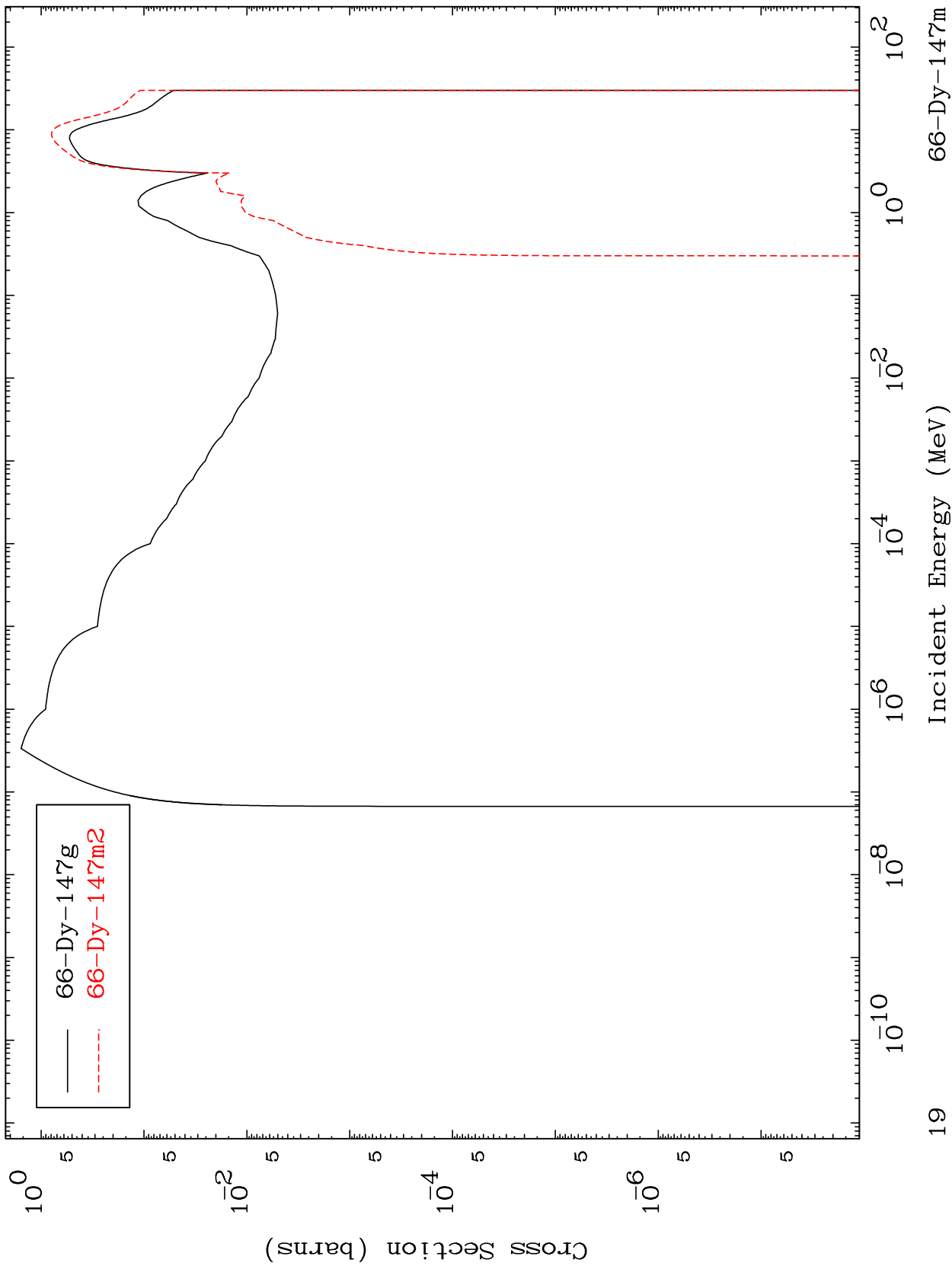
Incident Energy (MeV)

66-Dy-147m

MAT 6599

66-Dy-147m

Inelastic
Radionuclide Production Cross Section

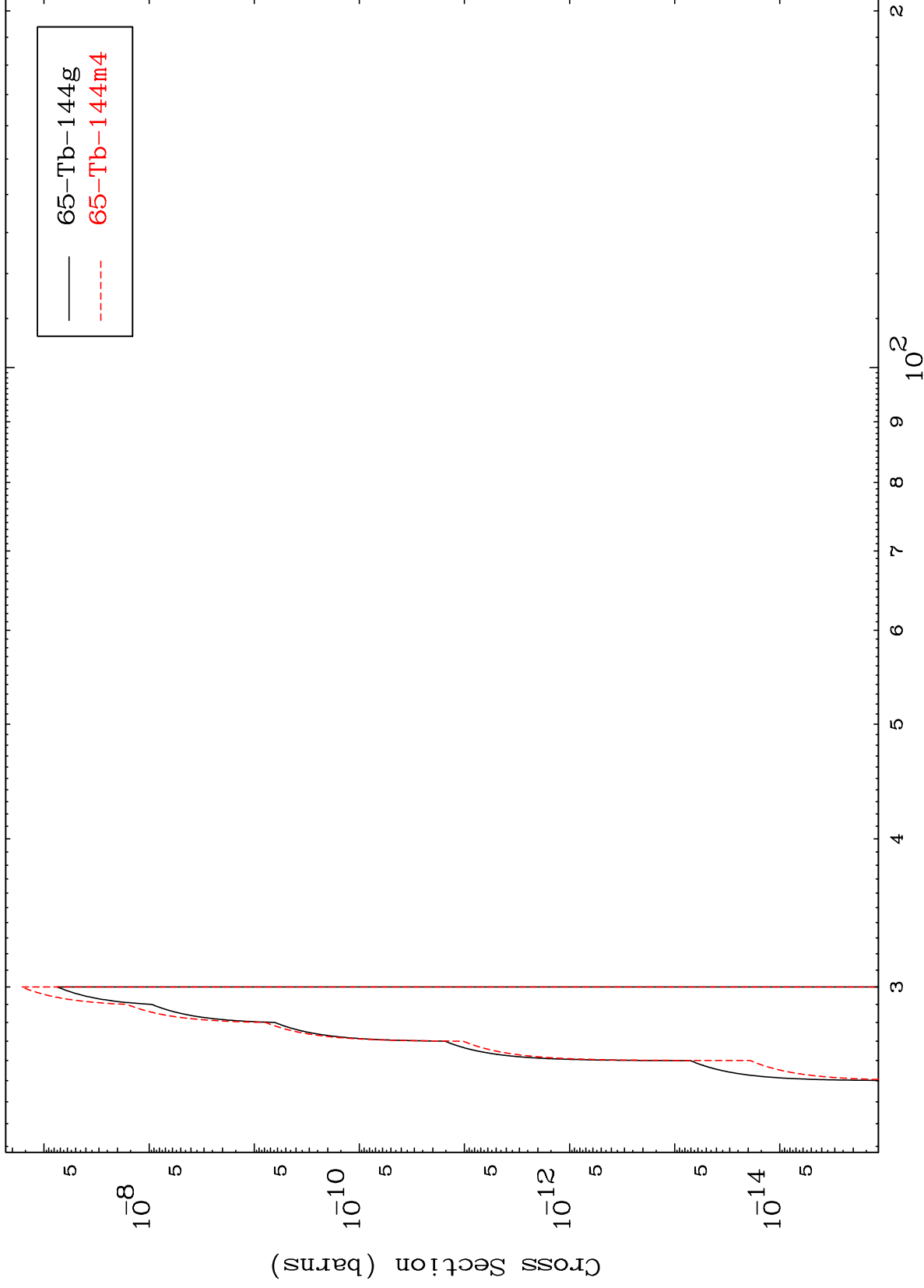


MAT 6599

(n,2n) d

66-Dy-147m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

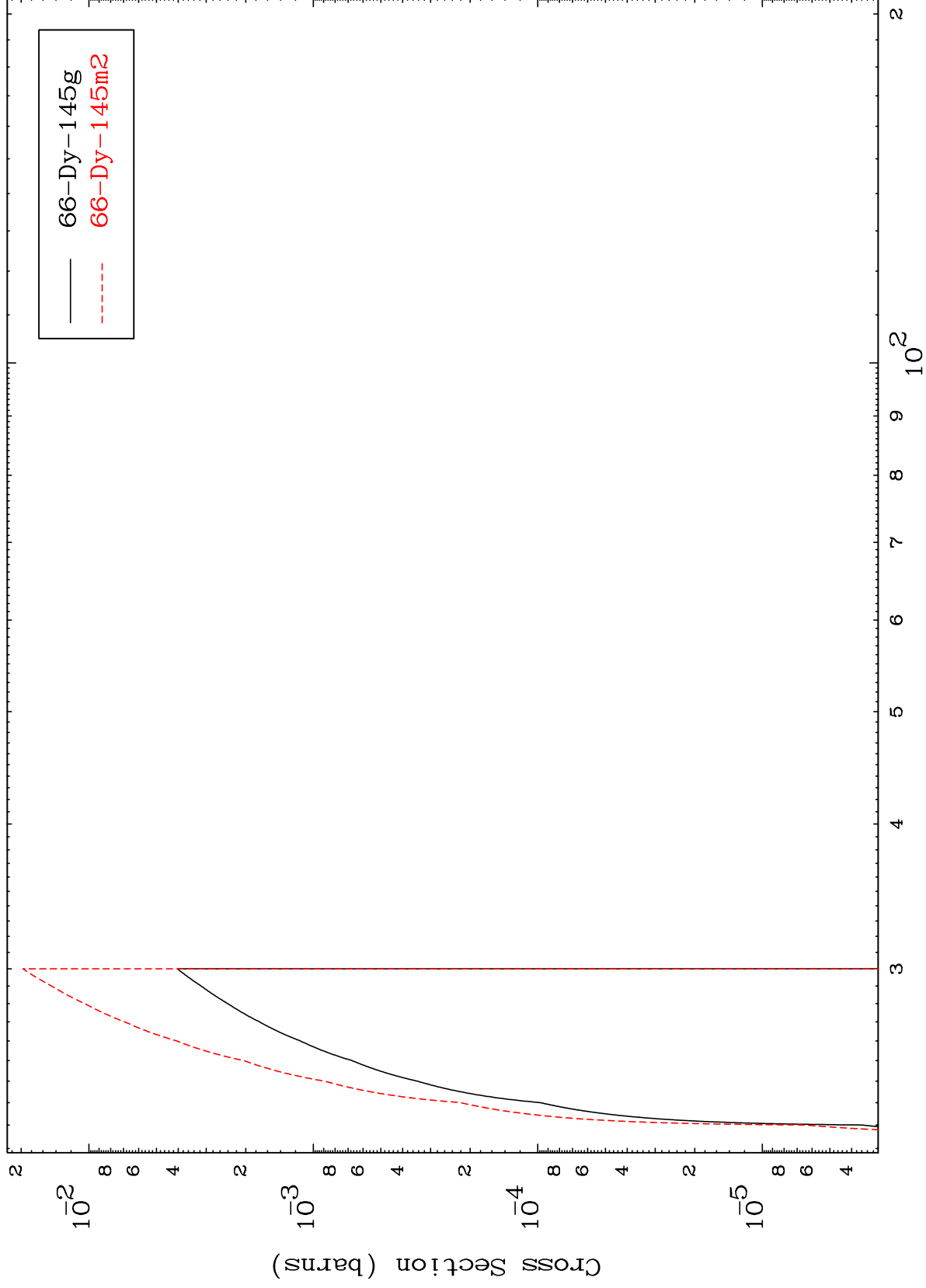
66-Dy-147m

MAT 6599

(n,3n)

66-Dy-147m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

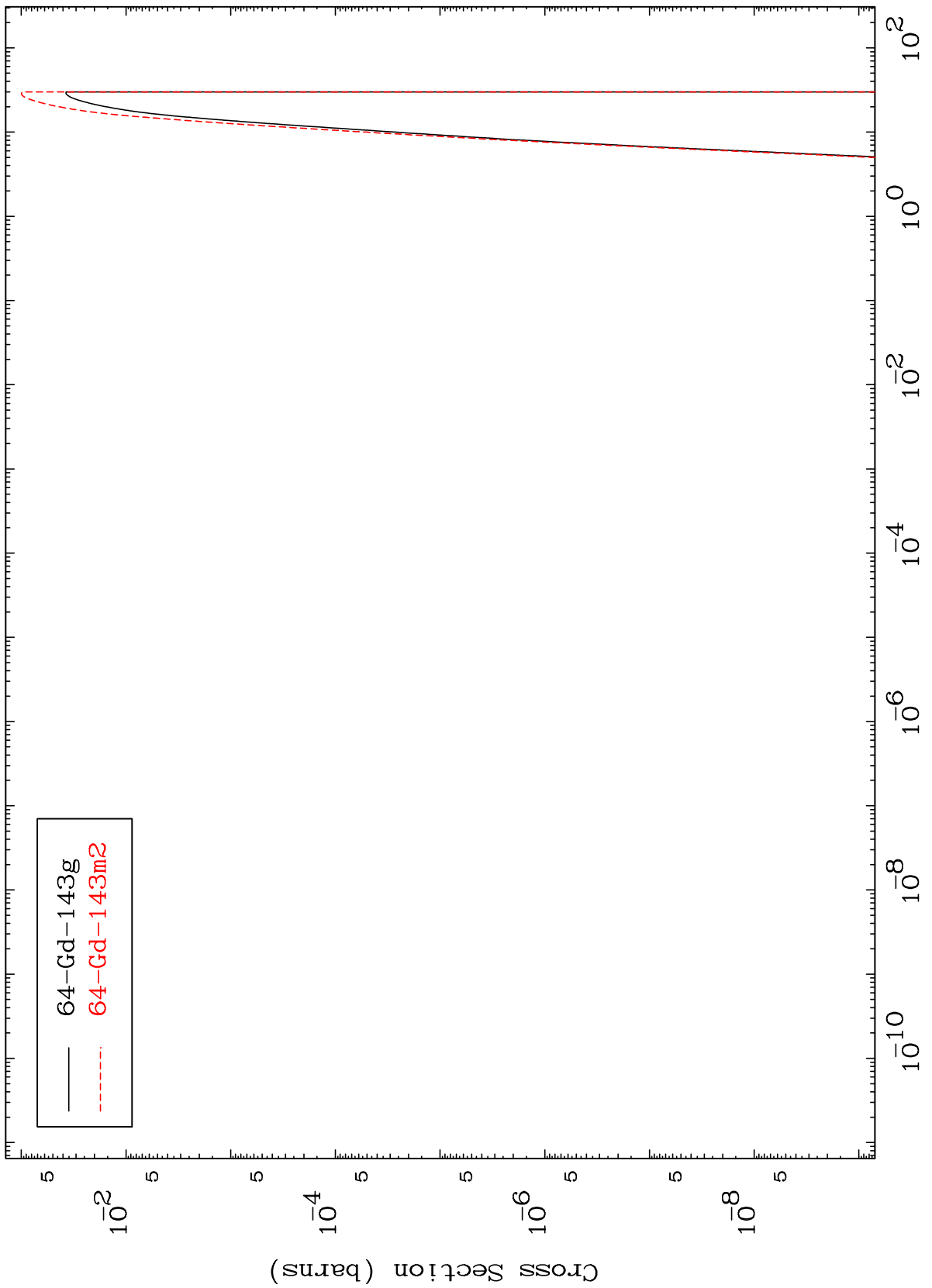
66-Dy-147m

MAT 6599

(n,n') α

66-Dy-147m

Radionuclide Production Cross Section

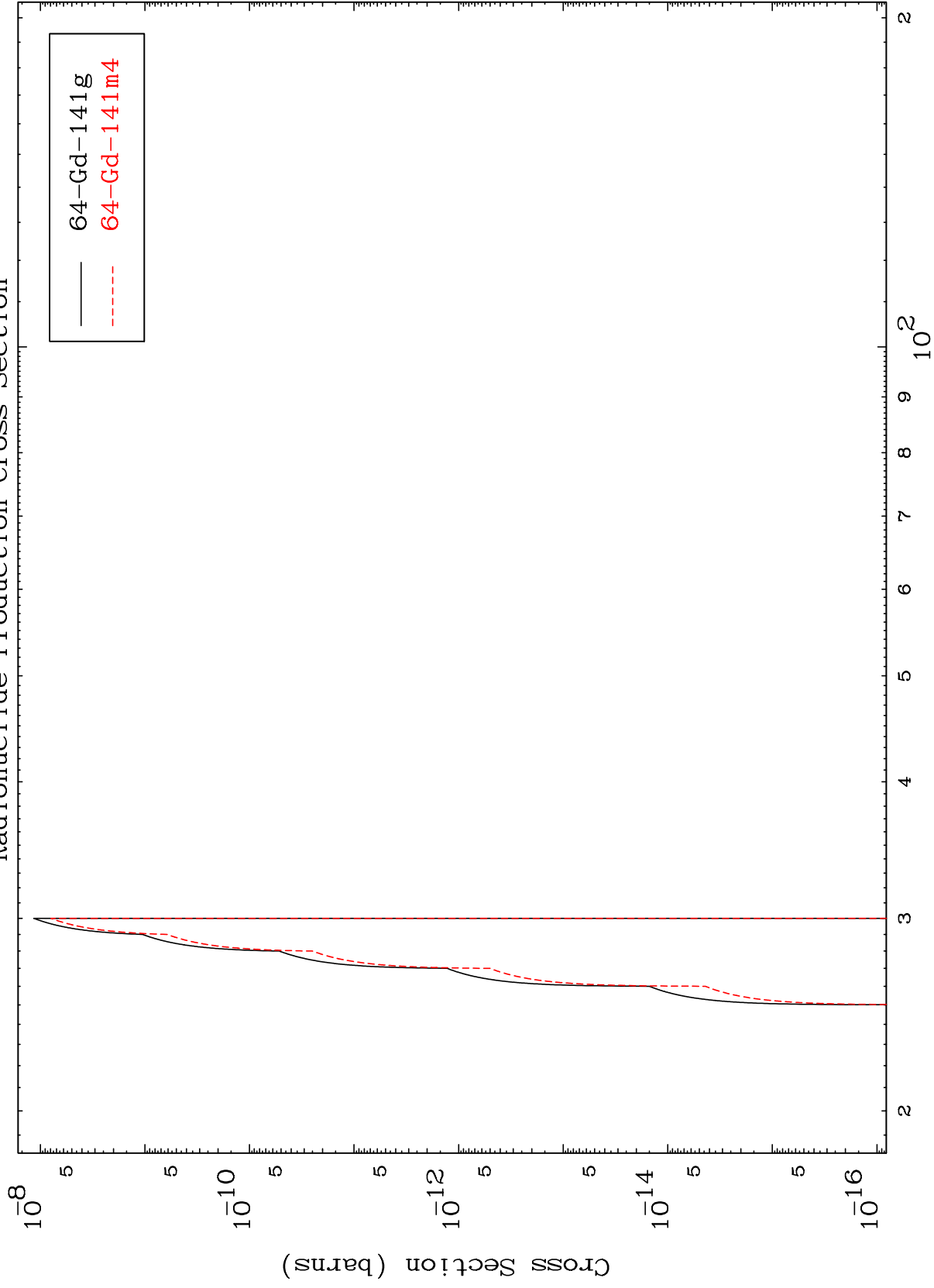


MAT 6599

(n,3n) α

66-Dy-147m

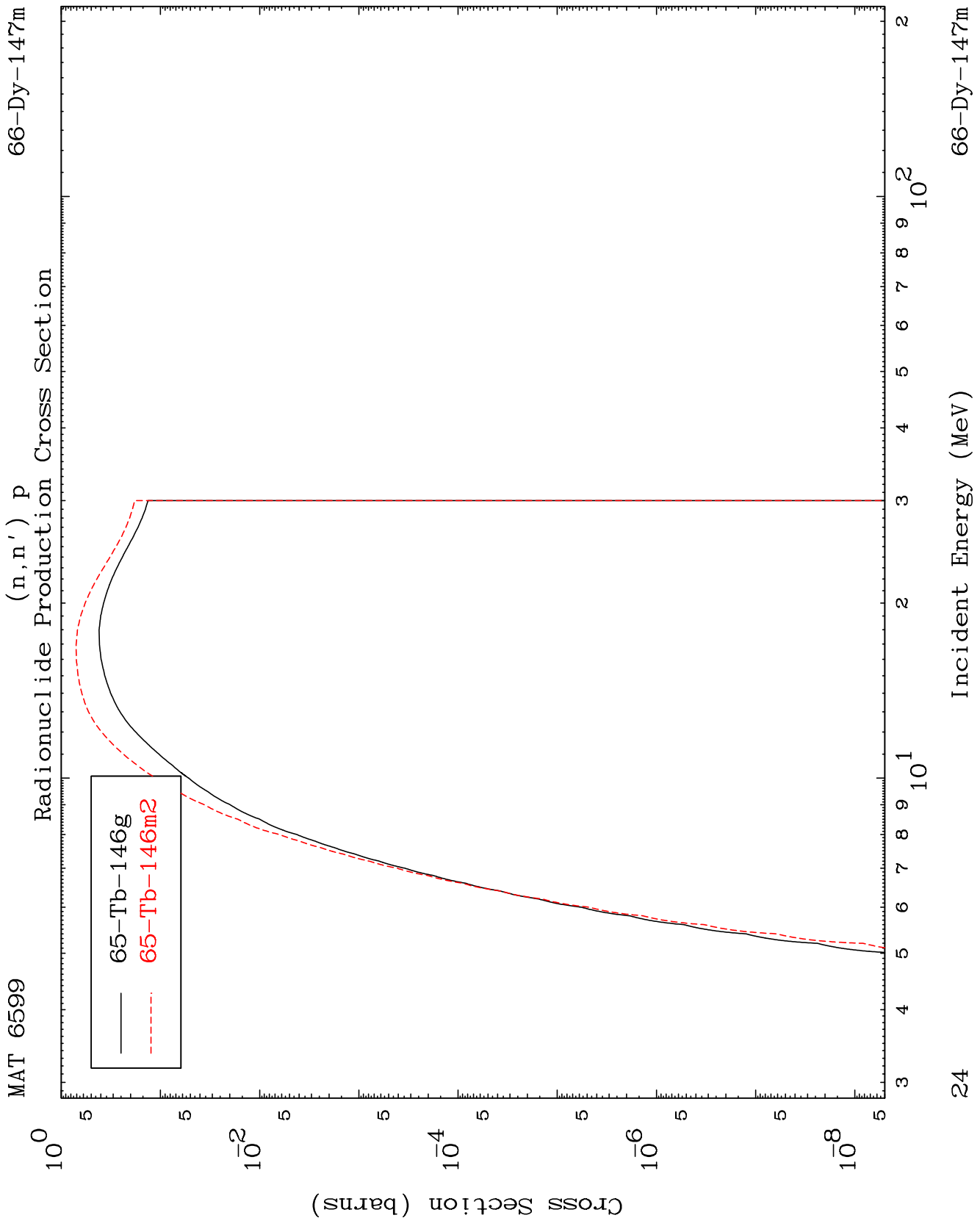
Radionuclide Production Cross Section



23

Incident Energy (MeV)

66-Dy-147m

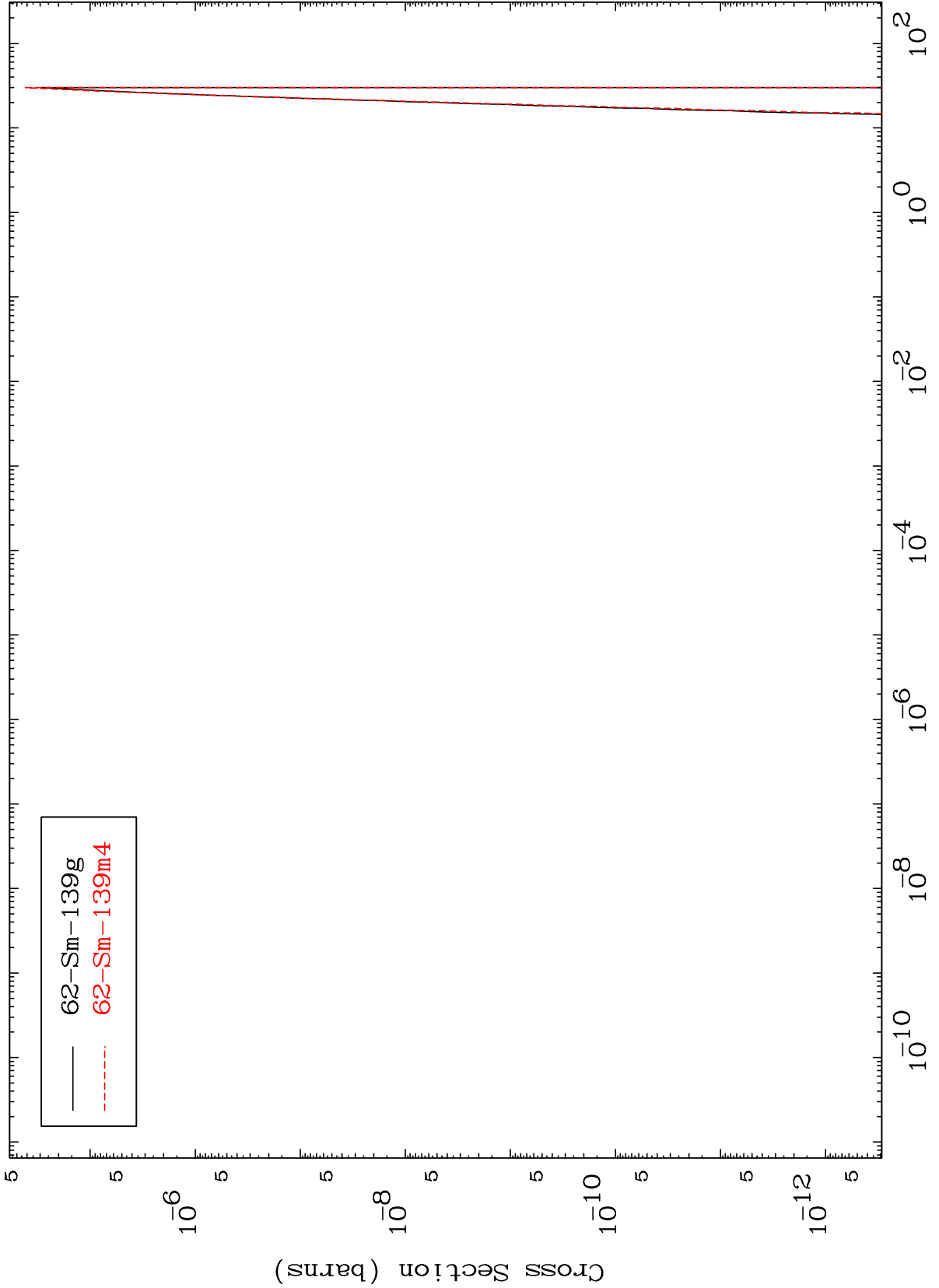


MAT 6599

(n,n') 2 α

66-Dy-147m

Radionuclide Production Cross Section



25

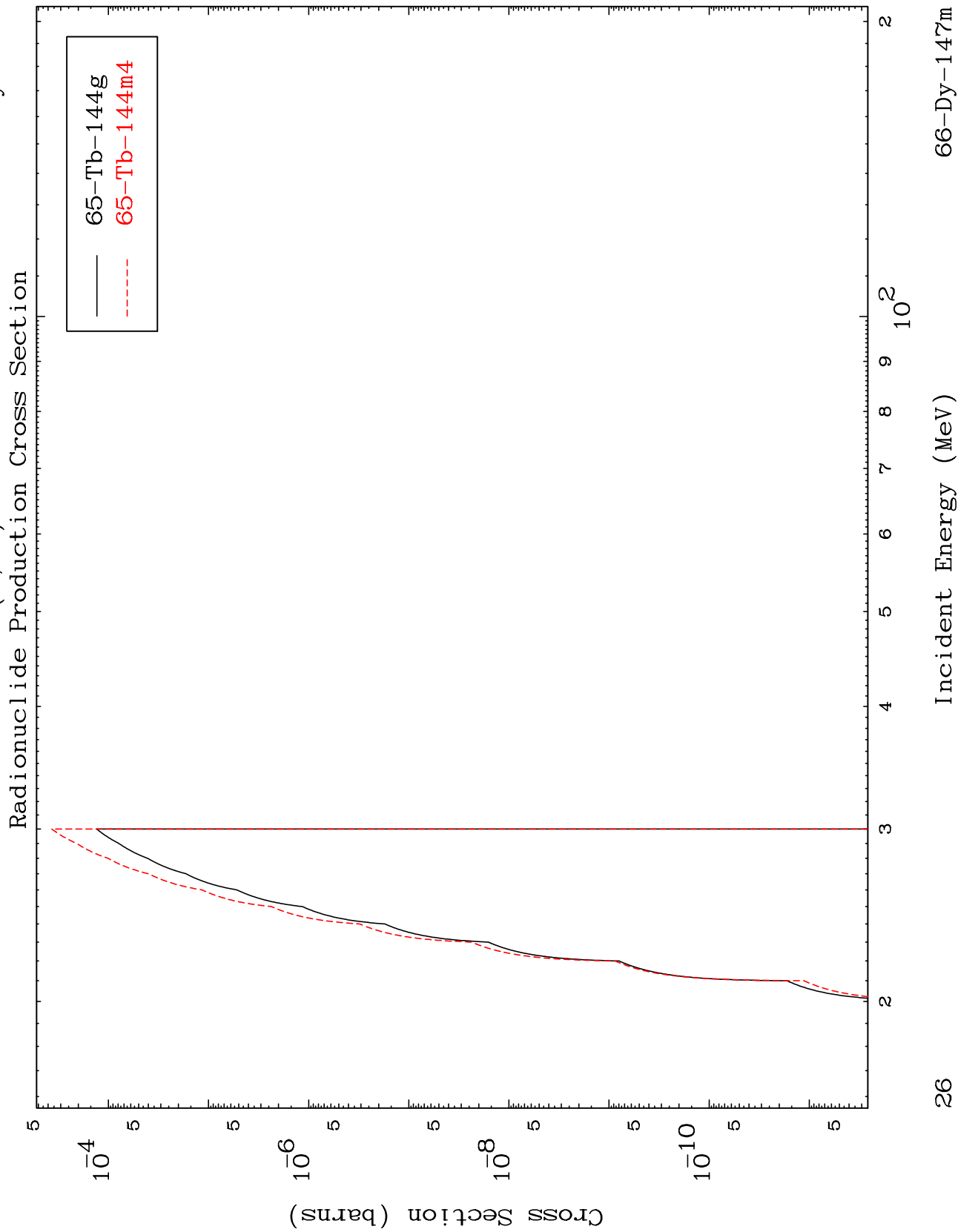
Incident Energy (MeV)

66-Dy-147m

MAT 6599

(n,n') t

66-Dy-147m

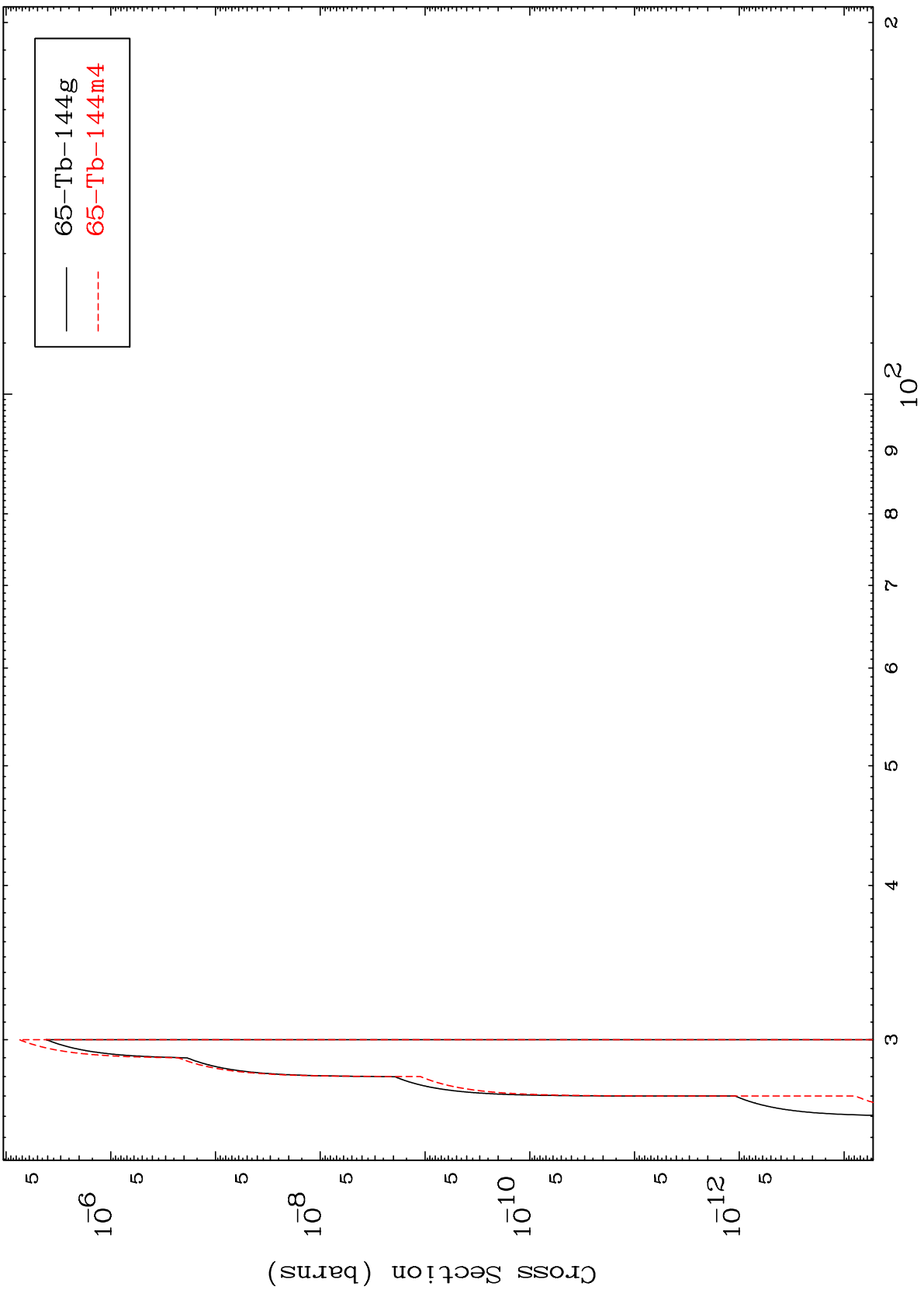


MAT 6599

(n,3n) p

66-Dy-147m

Radionuclide Production Cross Section



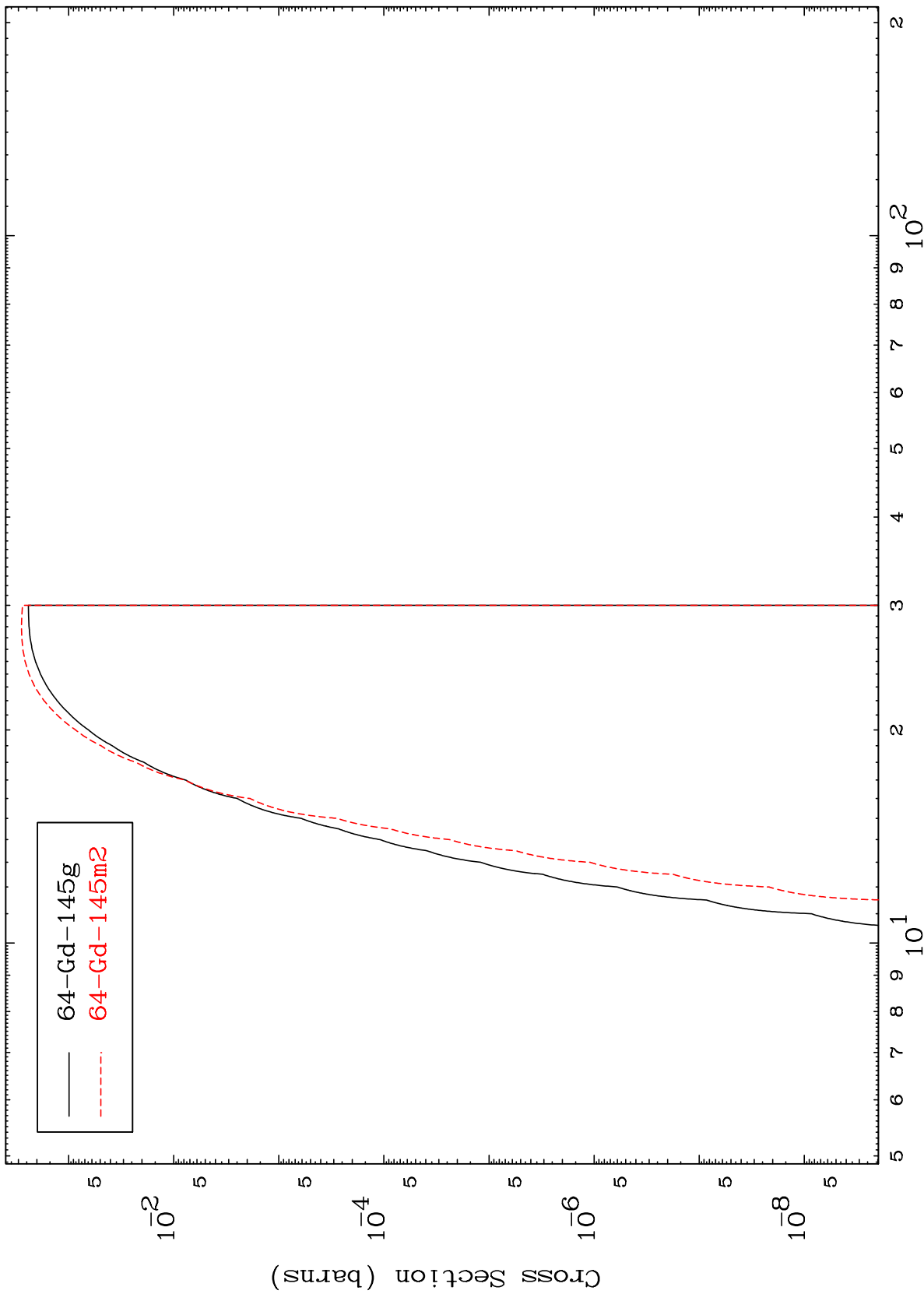
65-Tb-144g
65-Tb-144m4

MAT 6599

(n,2n) p

66-Dy-147m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

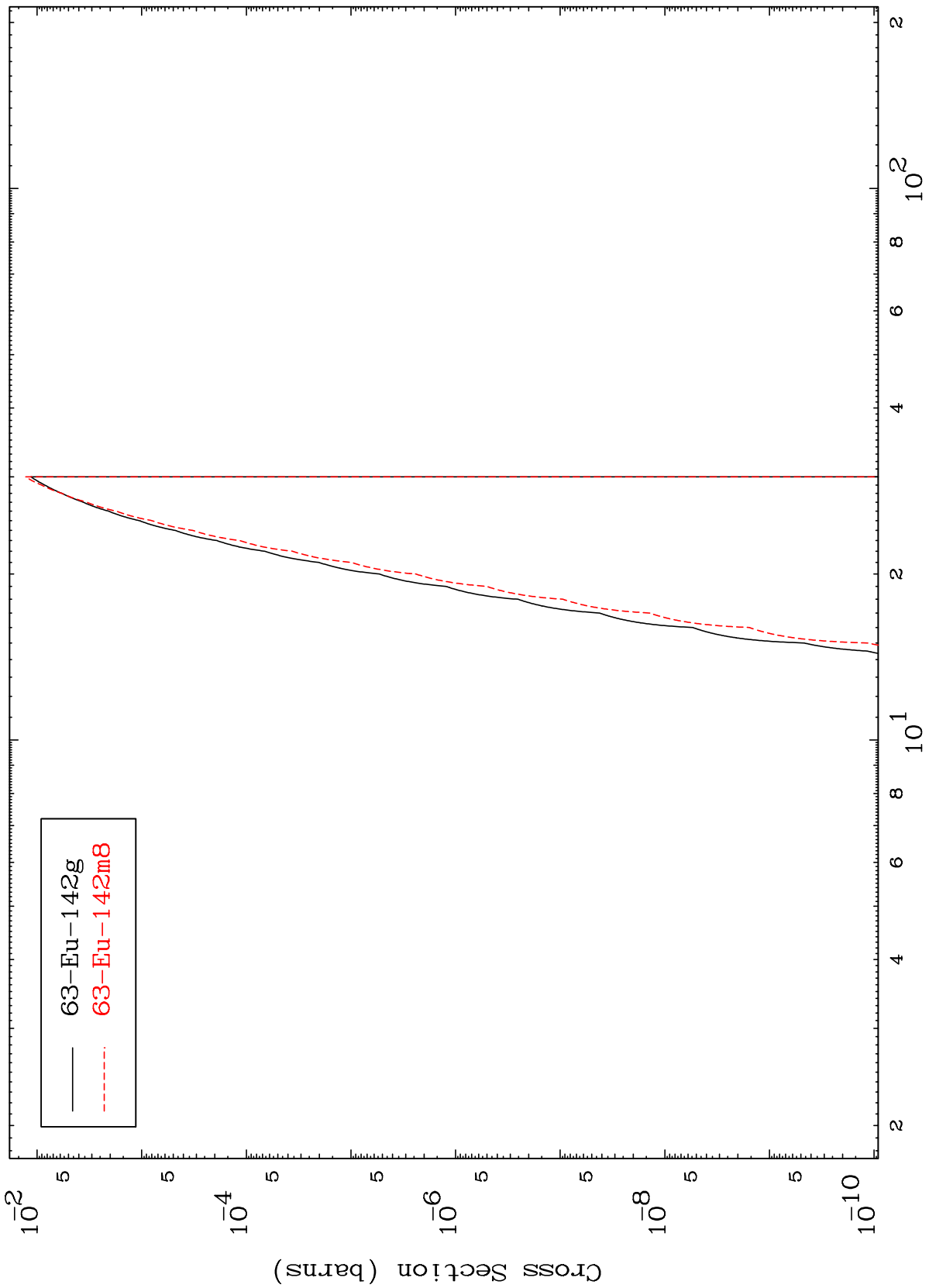
66-Dy-147m

MAT 6599

(n,n') p α

66-Dy-147m

Radionuclide Production Cross Section

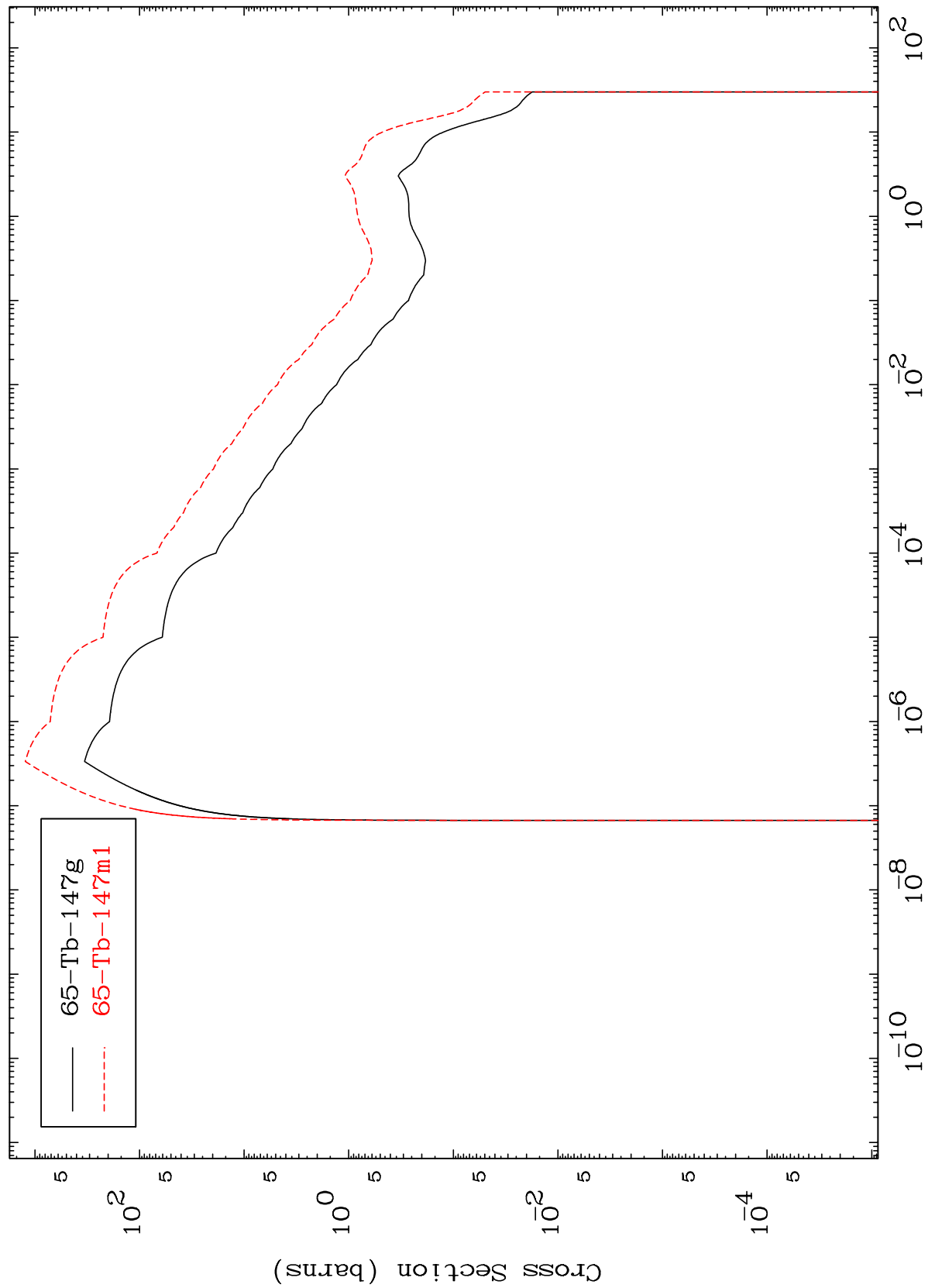


63-Eu-142g
63-Eu-142m8

MAT 6599

66-Dy-147m

(n,p)
Radionuclide Production Cross Section

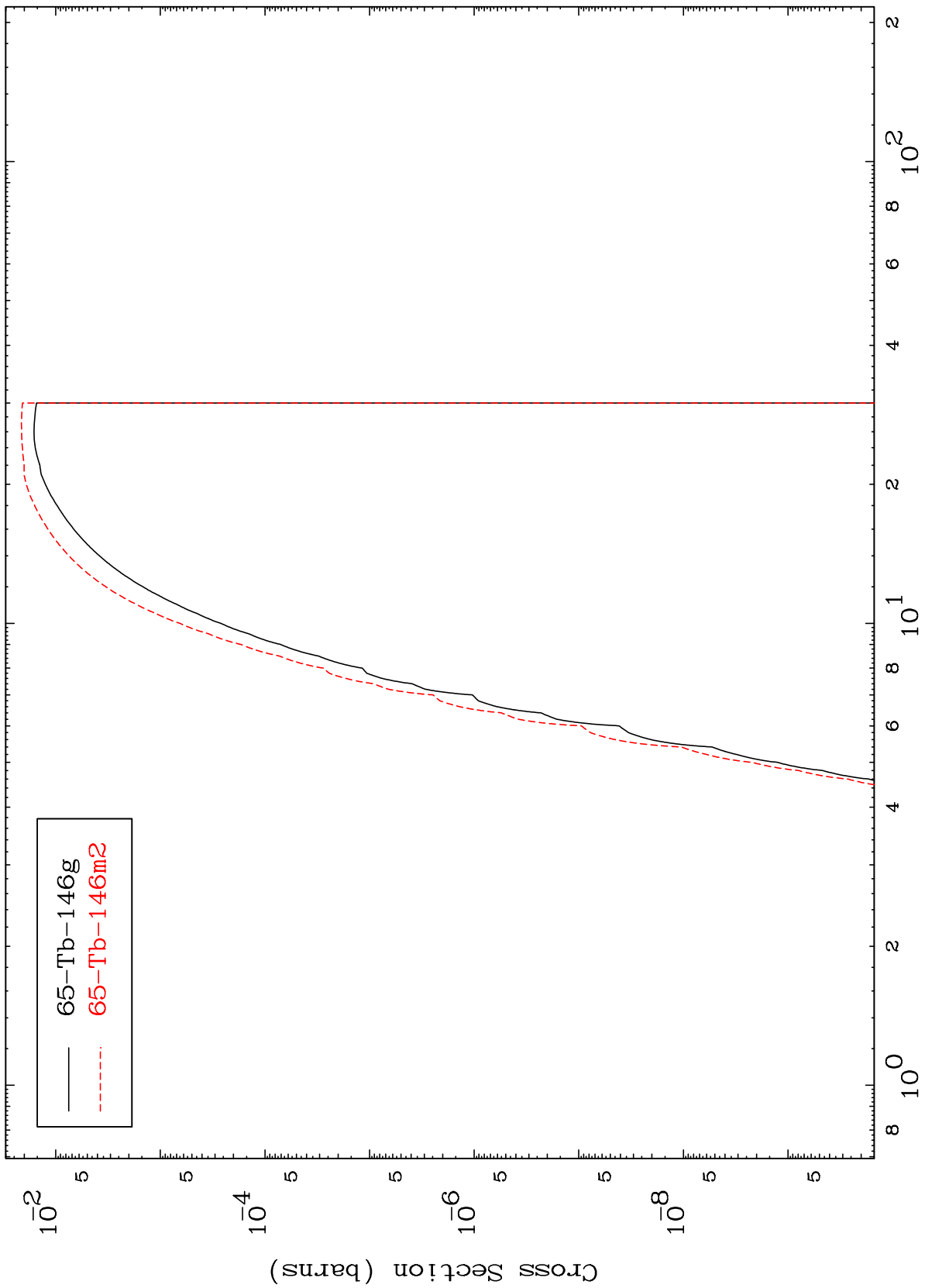


MAT 6599

(n,d)

66-Dy-147m

Radionuclide Production Cross Section

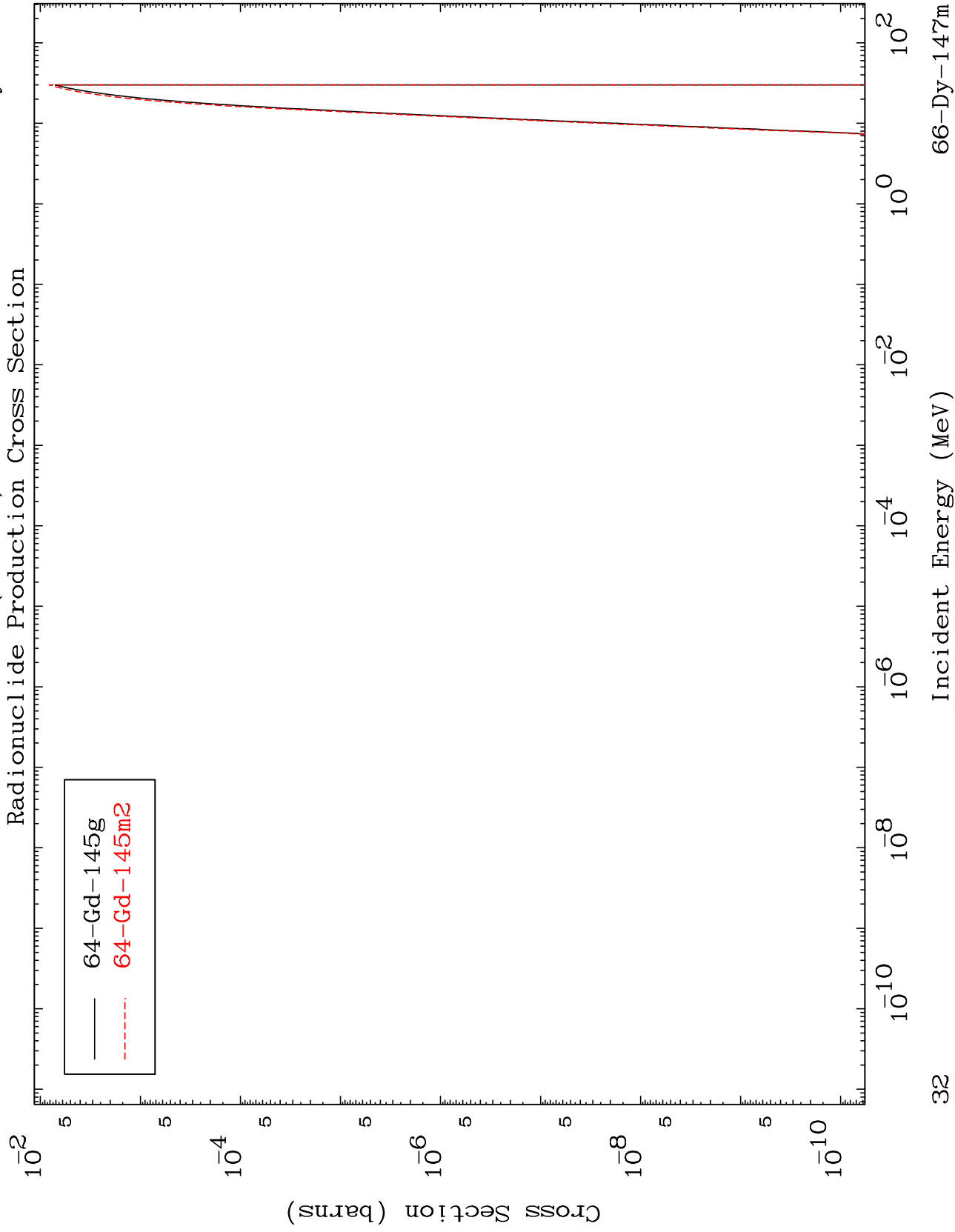


MAT 6599

(n,He-3)

66-Dy-147m

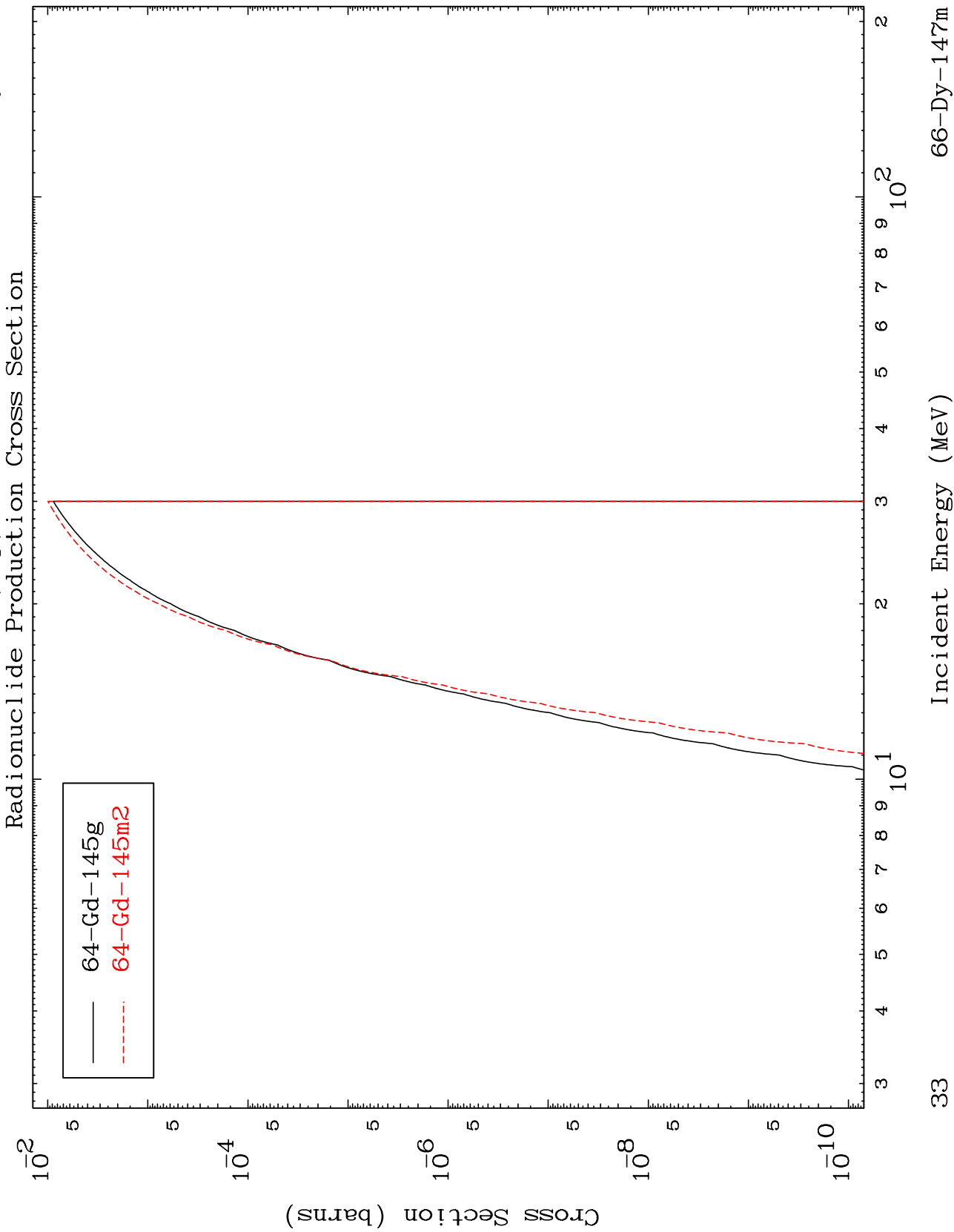
Radionuclide Production Cross Section



MAT 6599

(n,p) d

66-Dy-147m



MAT 6599

(n,d) α

66-Dy-147m

Radionuclide Production Cross Section

