

Program EVALPLOT
(Version 2021-1)

by

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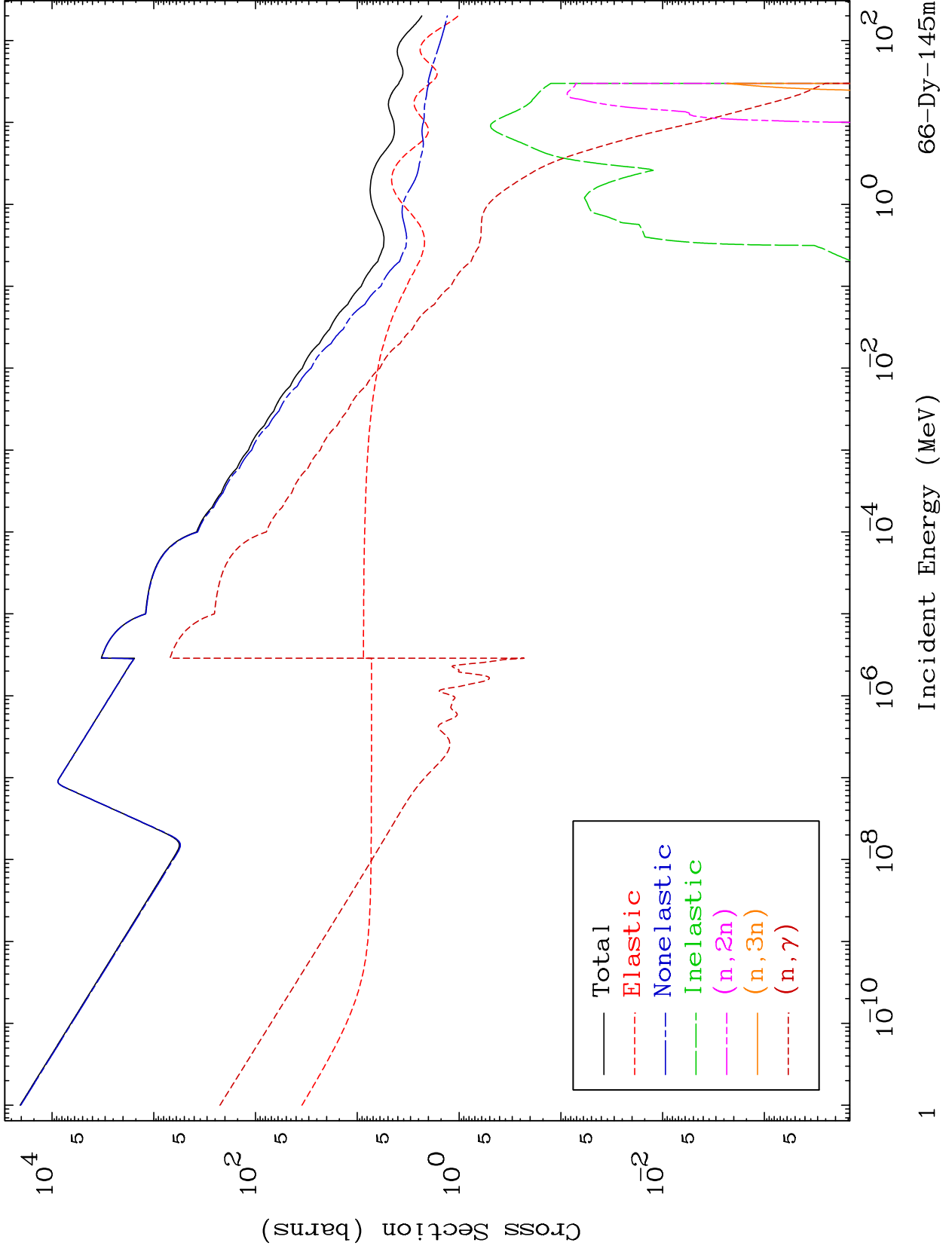
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6593

Neutron Major
293 Kelvin Cross Sections

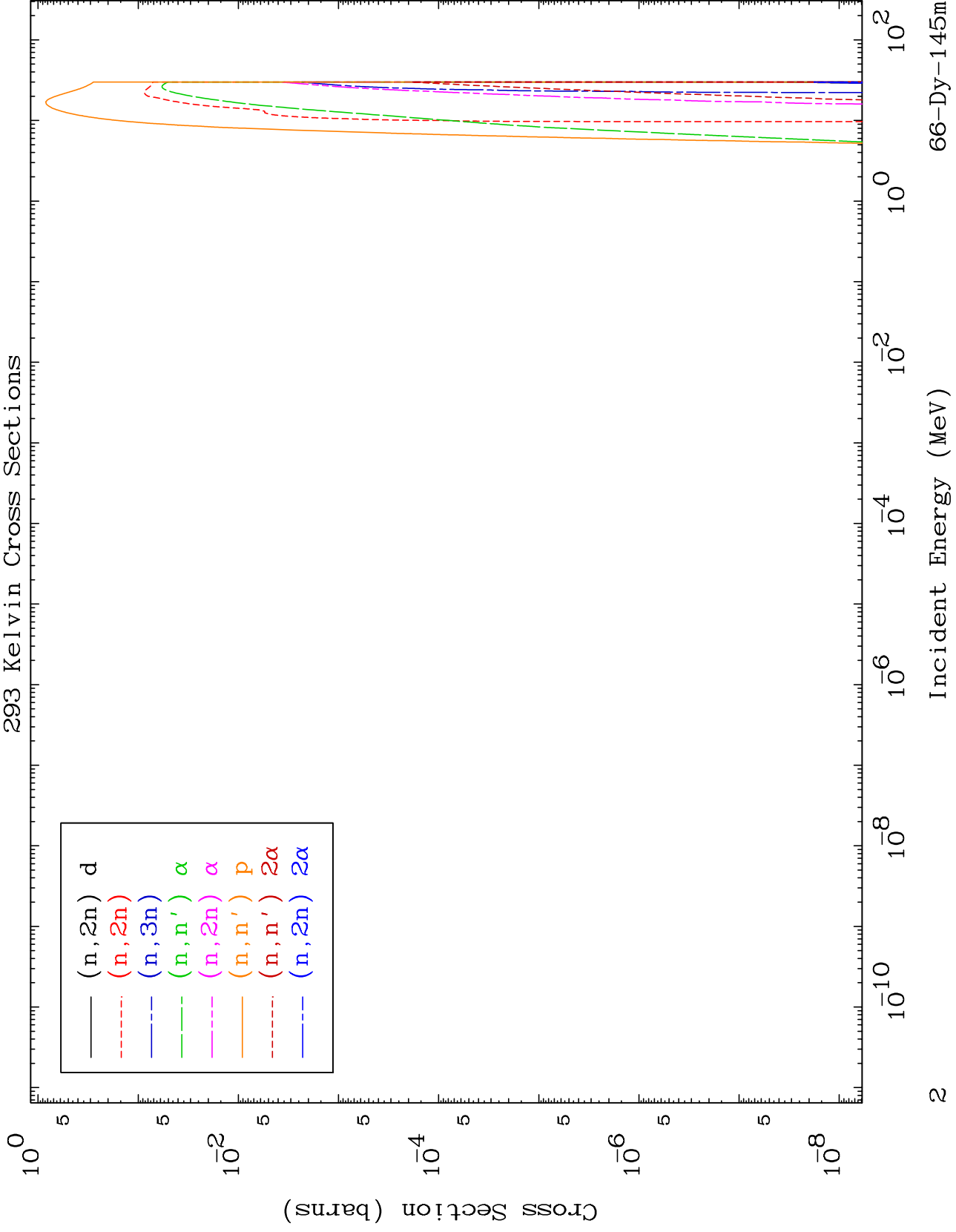
66-Dy-145m



MAT 6593

Neutron Absorption
293 Kelvin Cross Sections

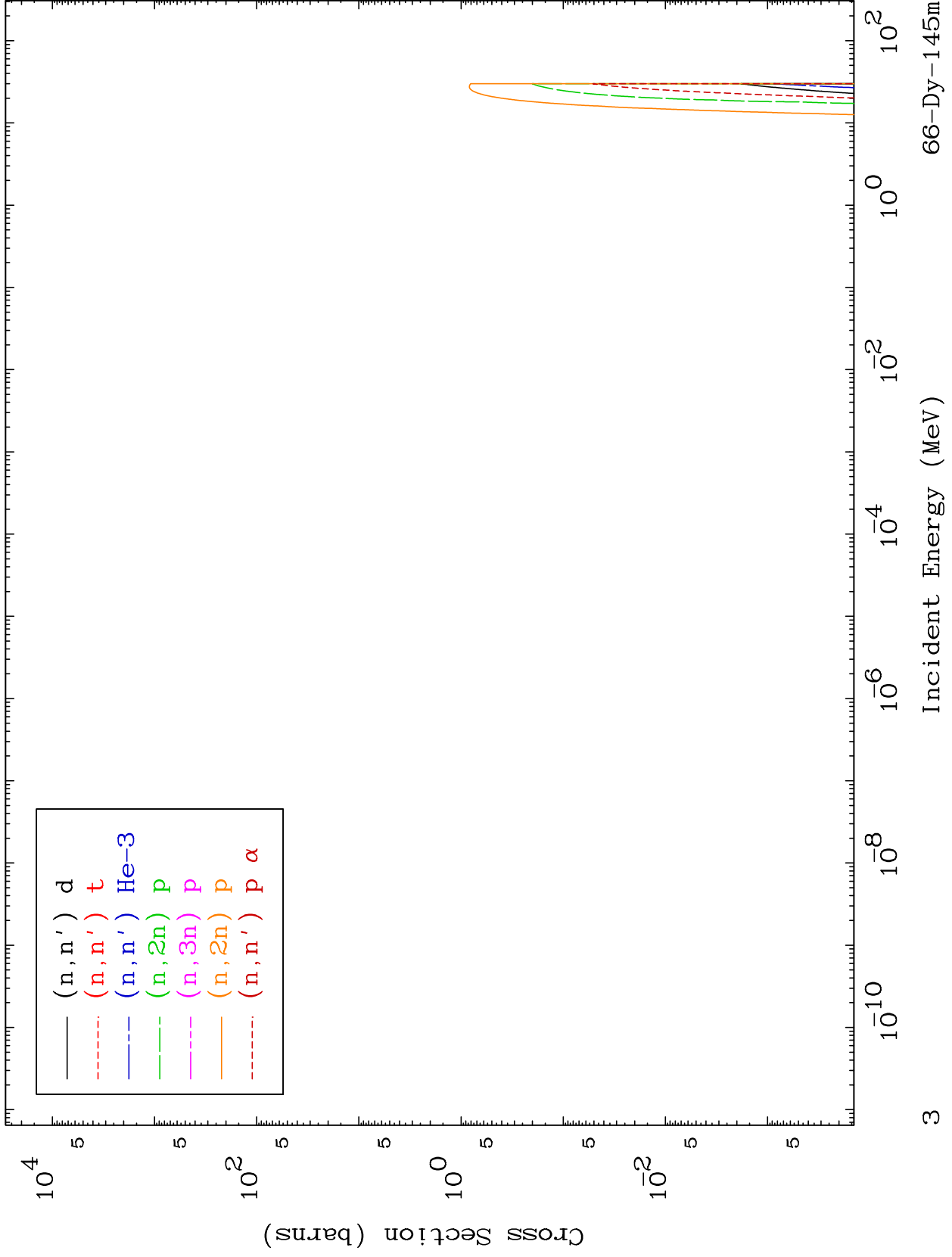
66-Dy-145m



MAT 6593

Neutron Absorption
293 Kelvin Cross Sections

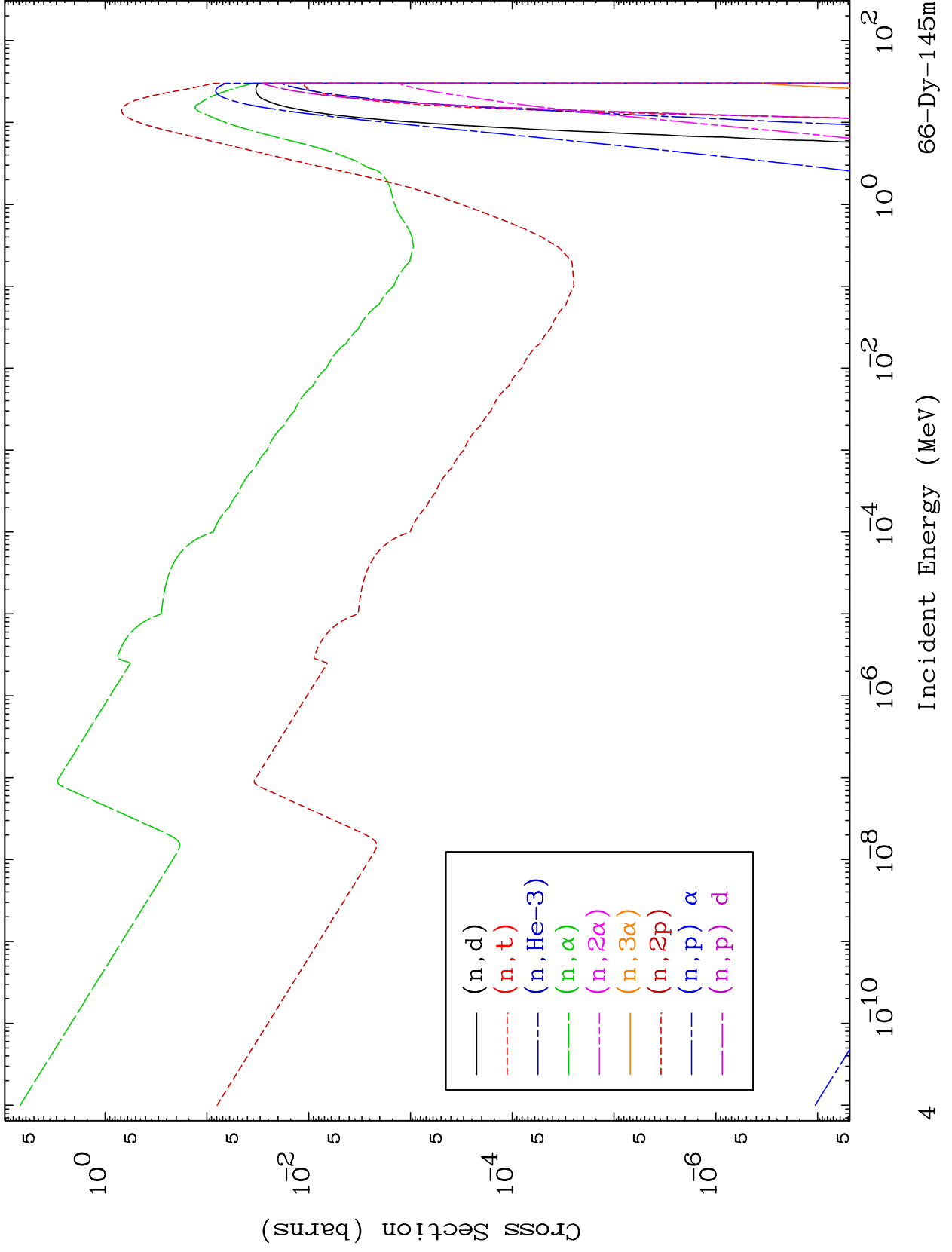
66-Dy-145m



MAT 6593

Neutron Absorption
293 Kelvin Cross Sections

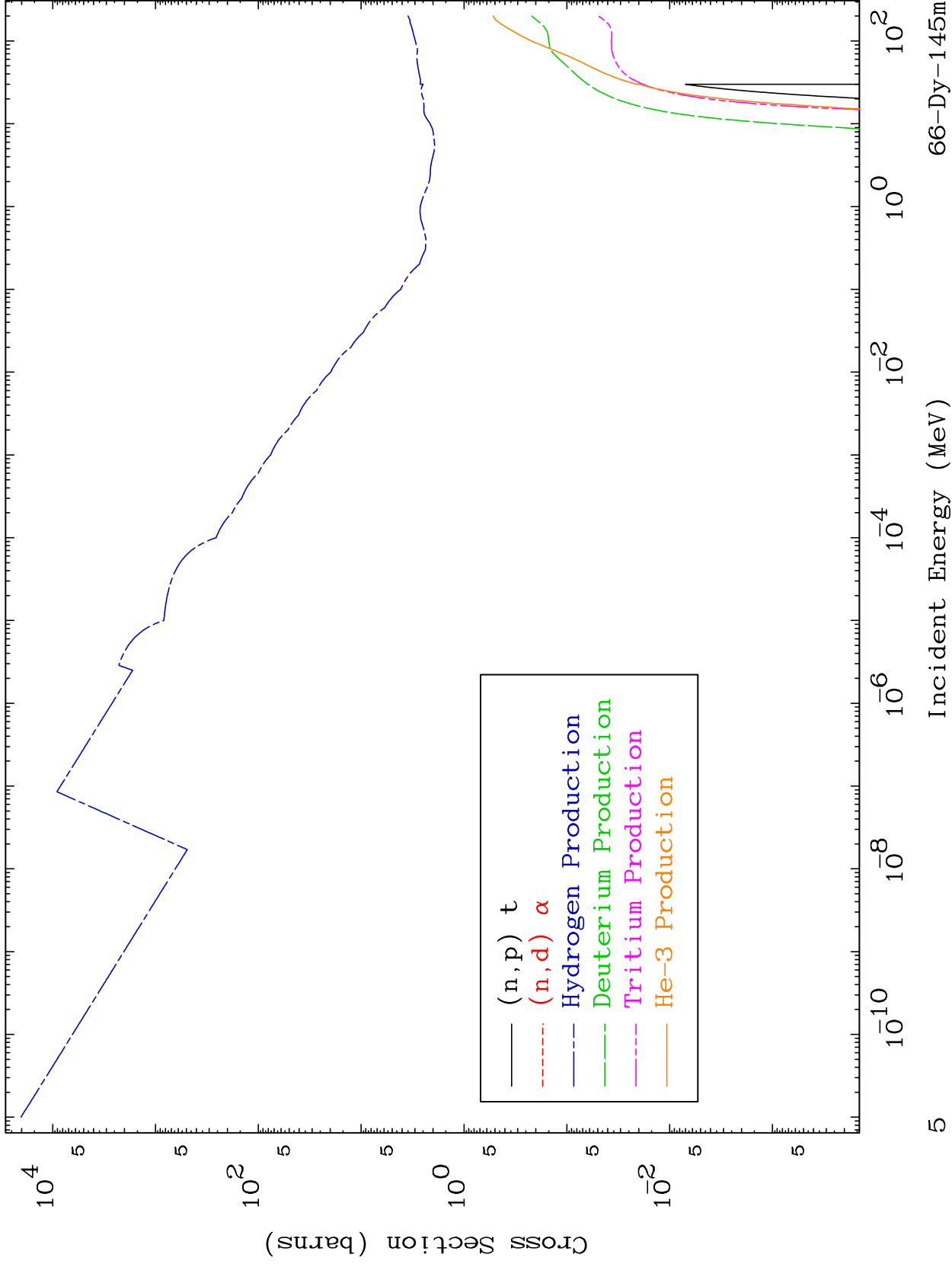
66-Dy-145m

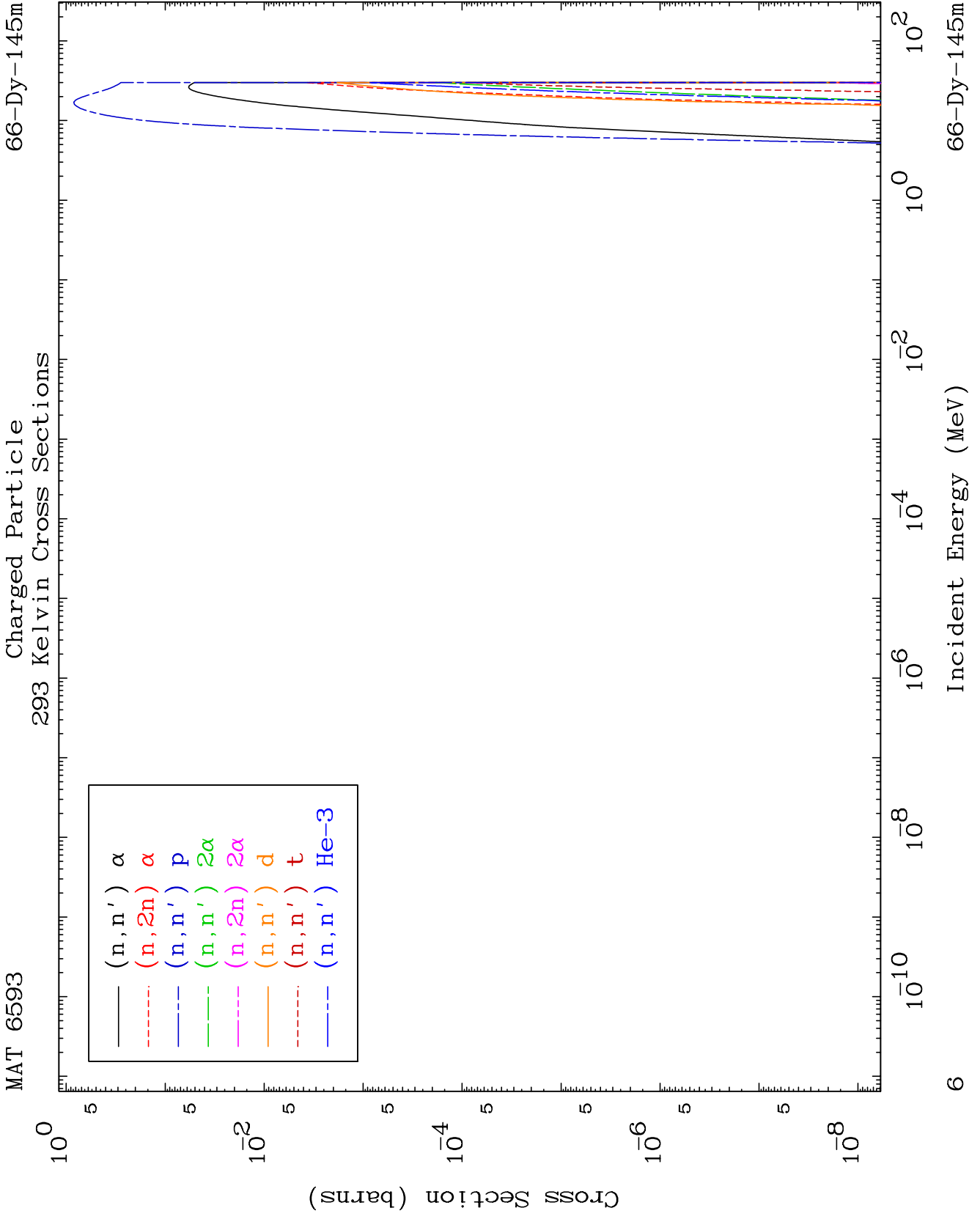


MAT 6593

Neutron Absorption
293 Kelvin Cross Sections

66-Dy-145m

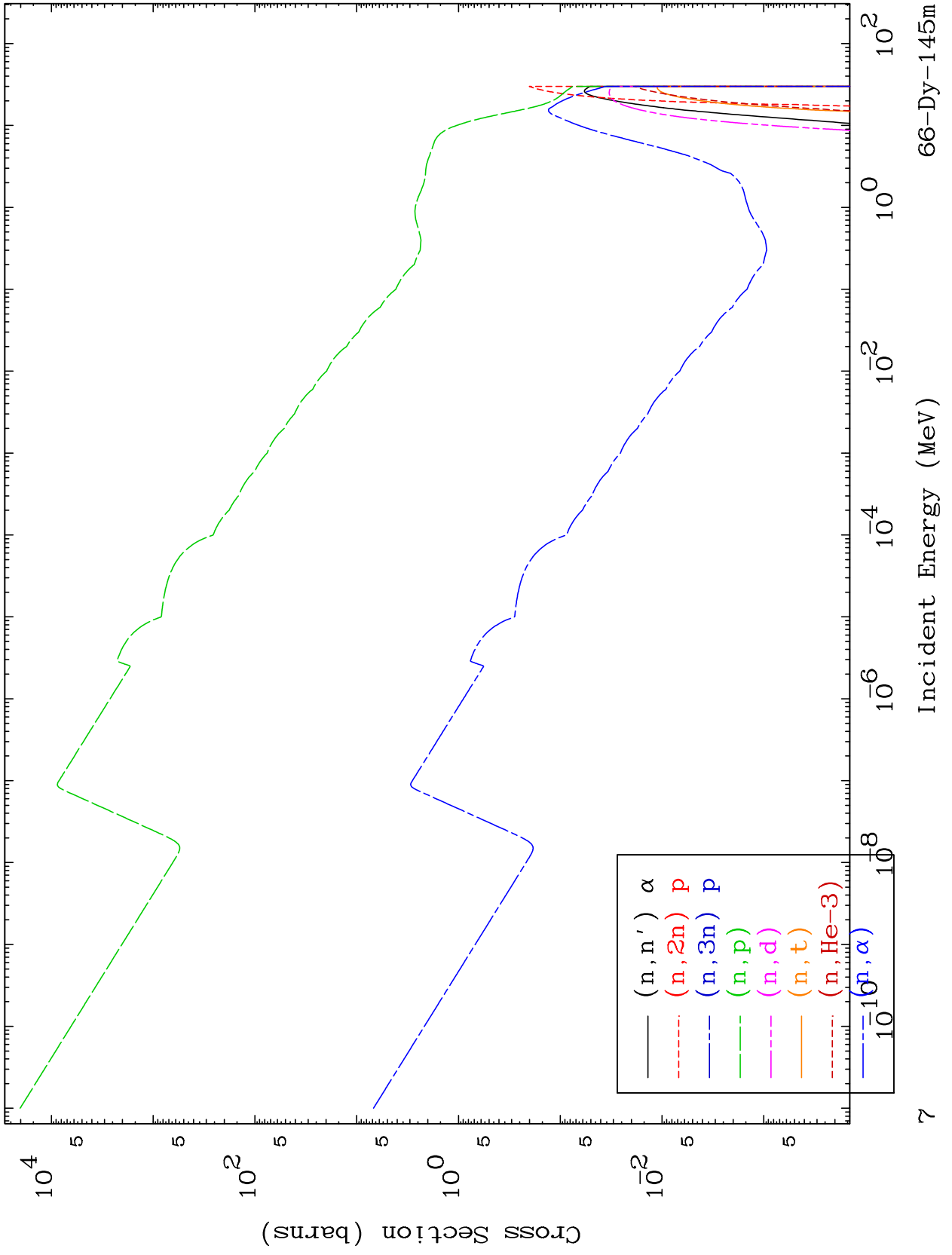




MAT 6593

Charged Particle
293 Kelvin Cross Sections

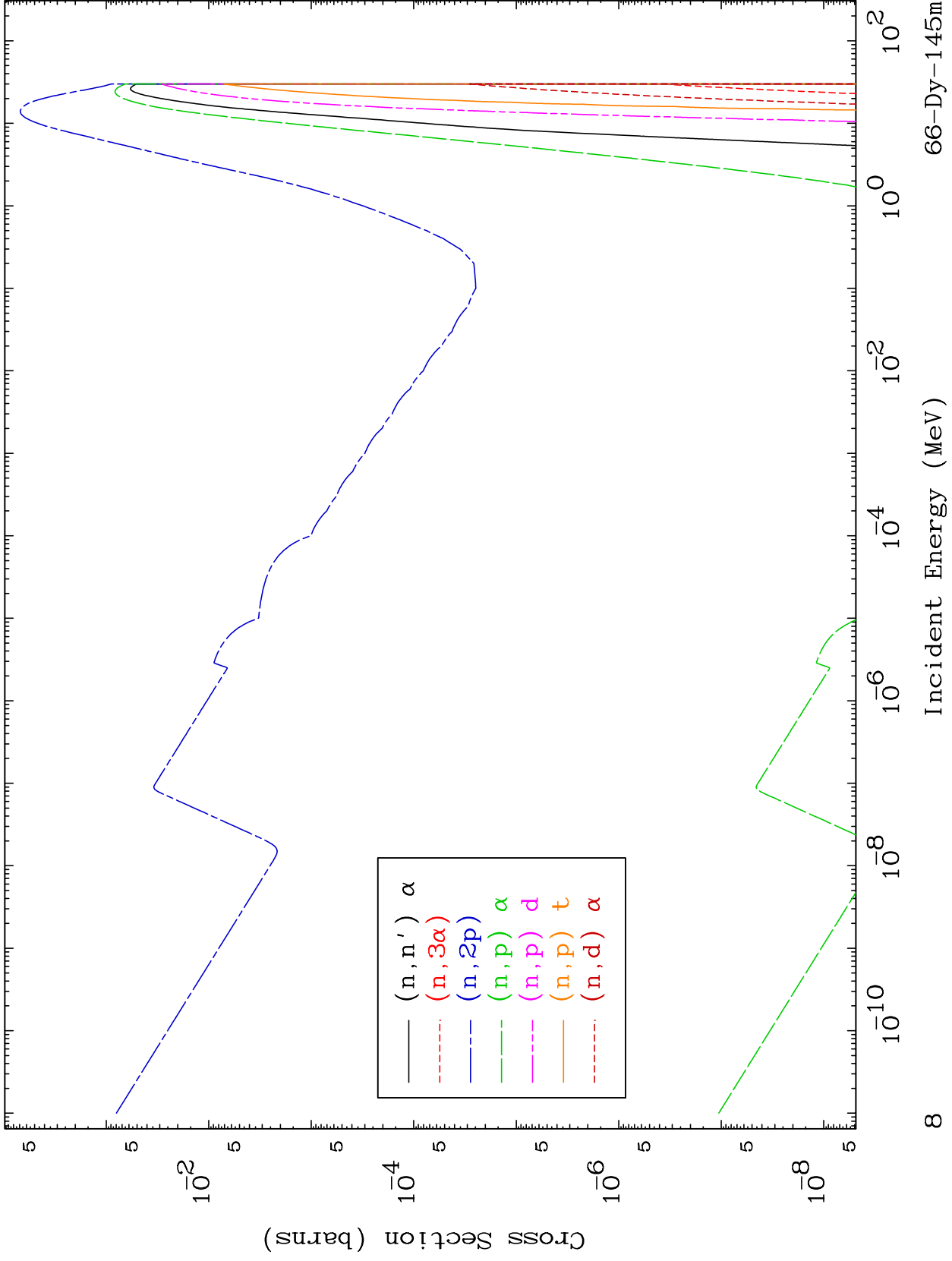
66-Dy-145m



MAT 6593

Charged Particle
293 Kelvin Cross Sections

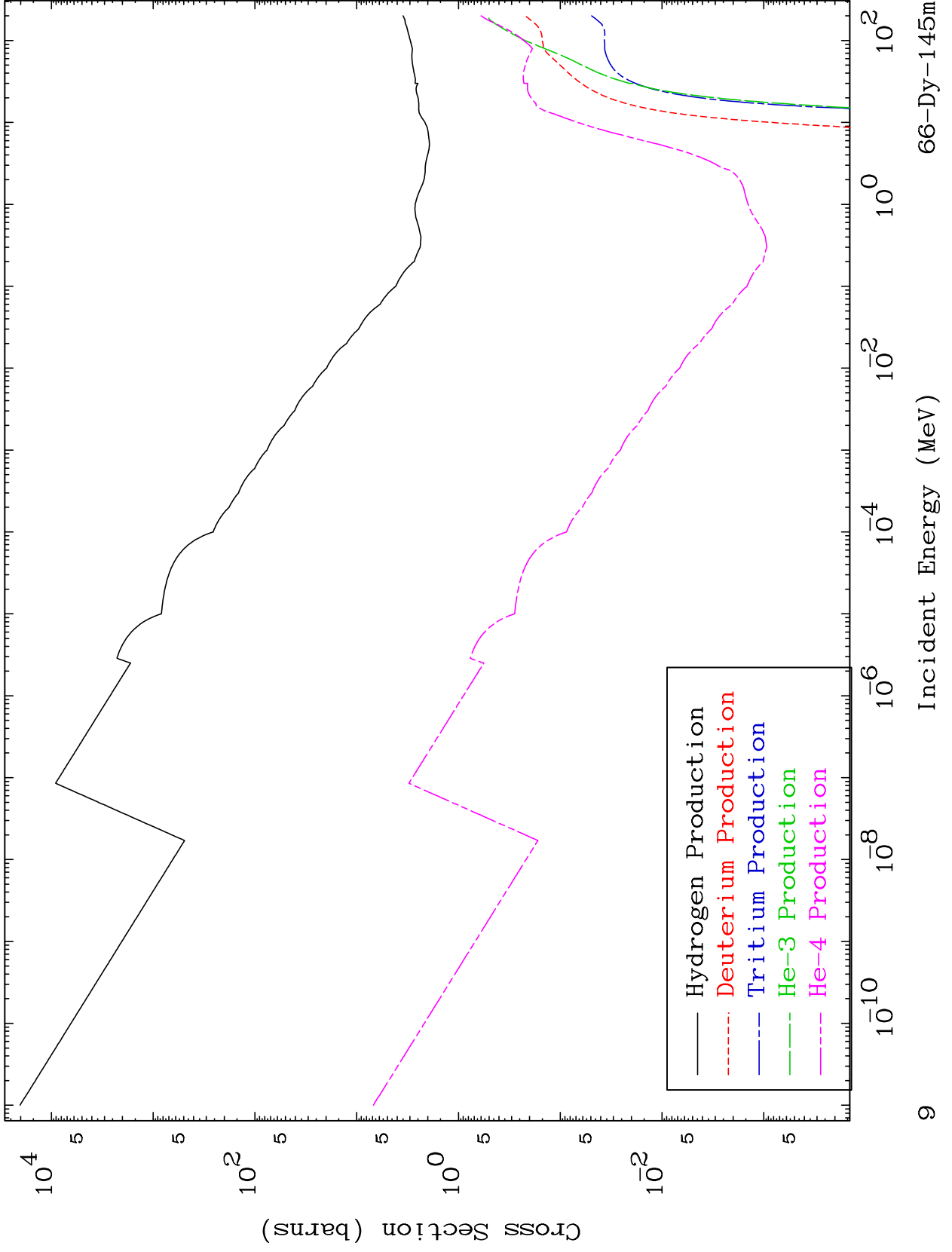
66-Dy-145m



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Particle Production
293 Kelvin Cross Sections

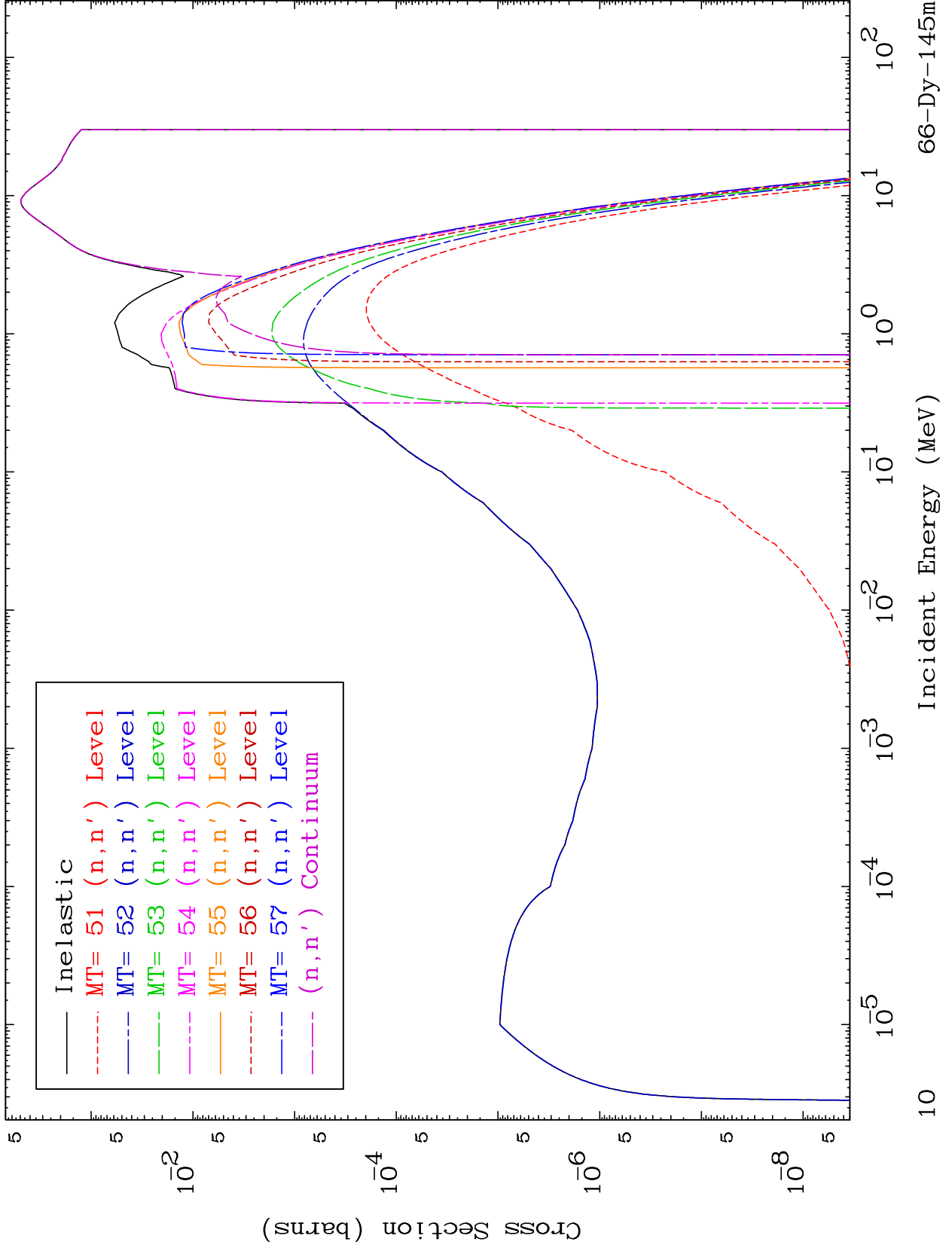
66-Dy-145m



MAT 6593

(n,n') Levels
293 Kelvin Cross Sections

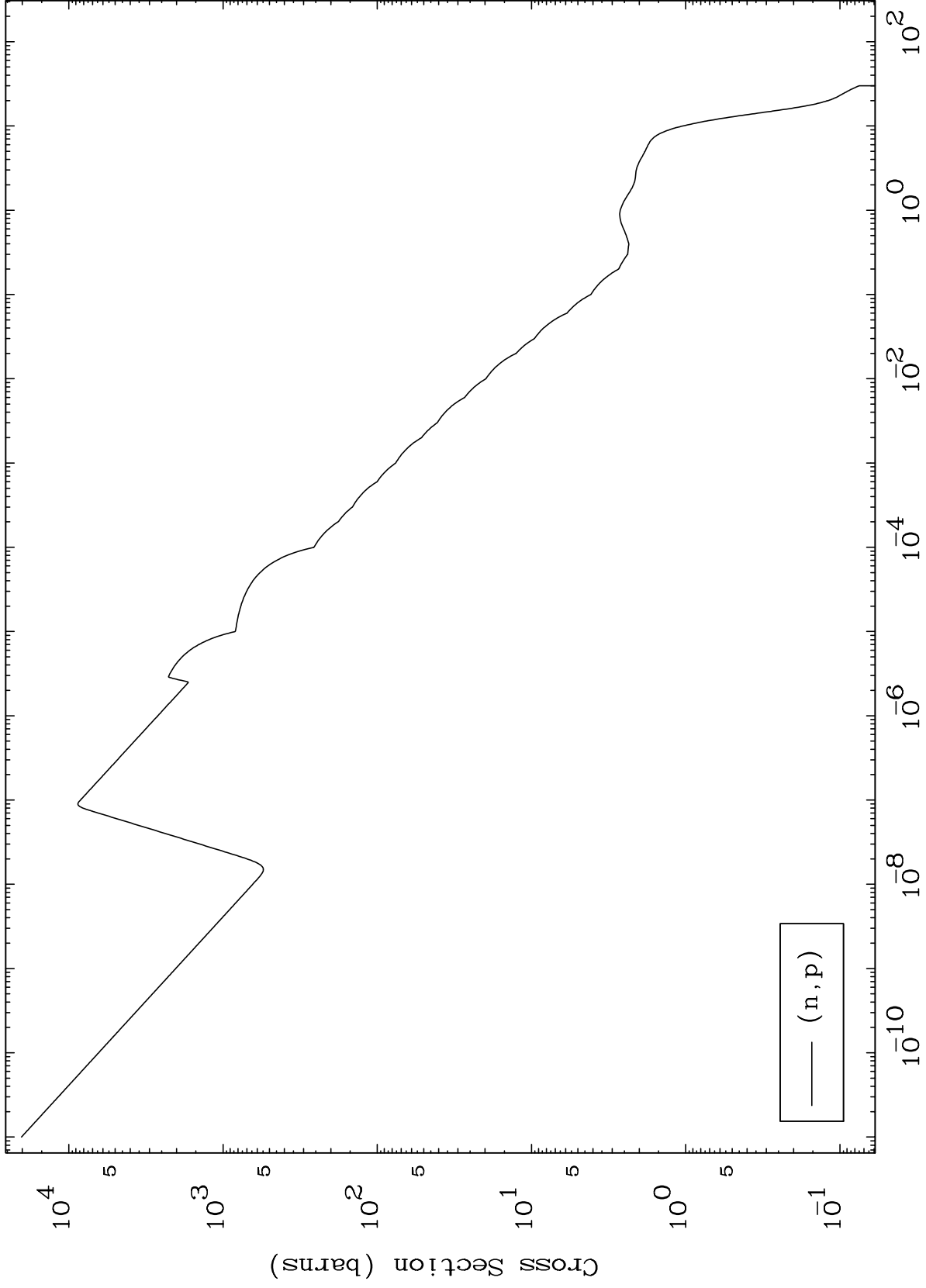
66-Dy-145m



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(n,p) Levels
293 Kelvin Cross Sections

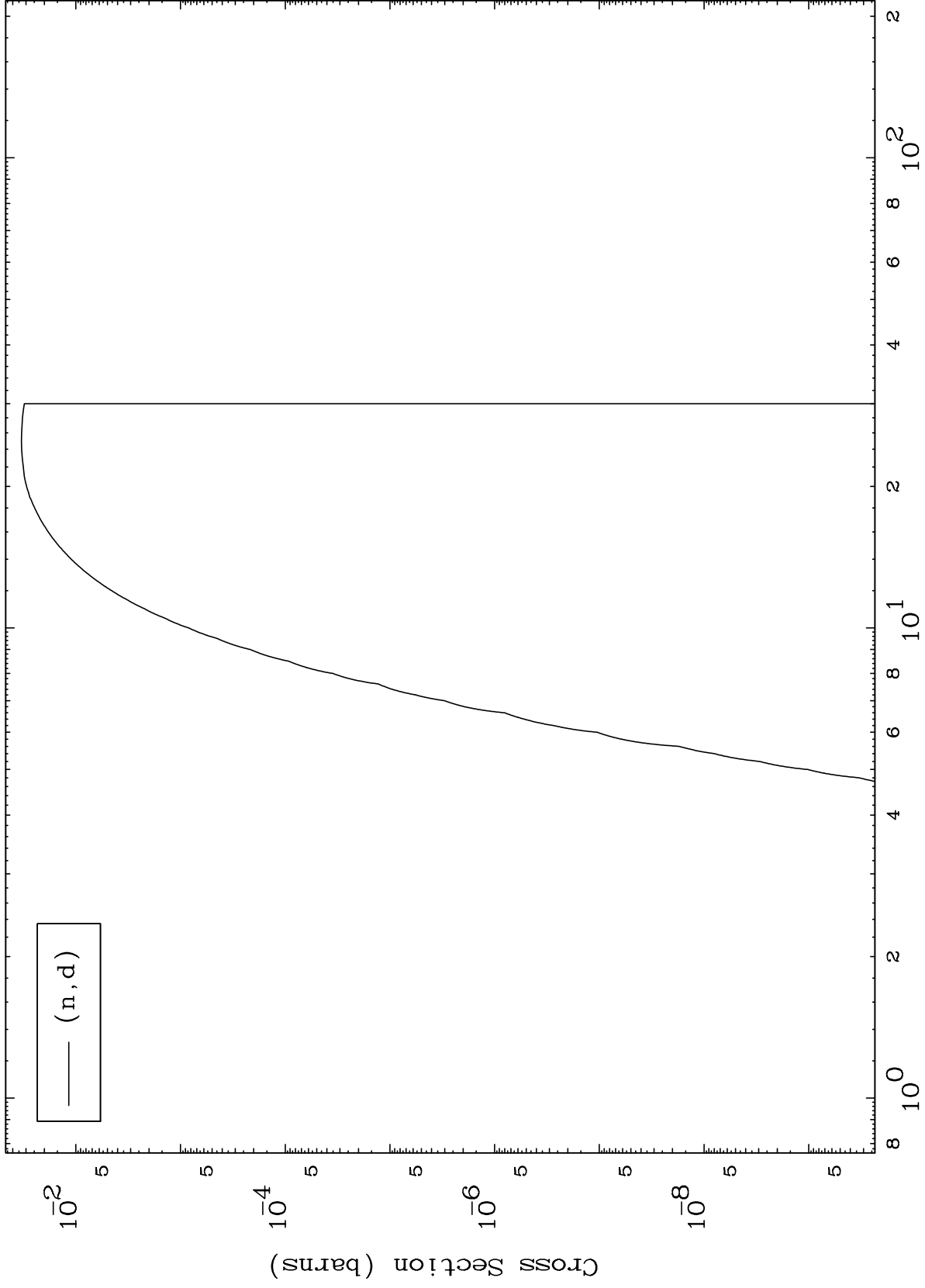
66-Dy-145m



MAT 6593

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-145m



Incident Energy (MeV)

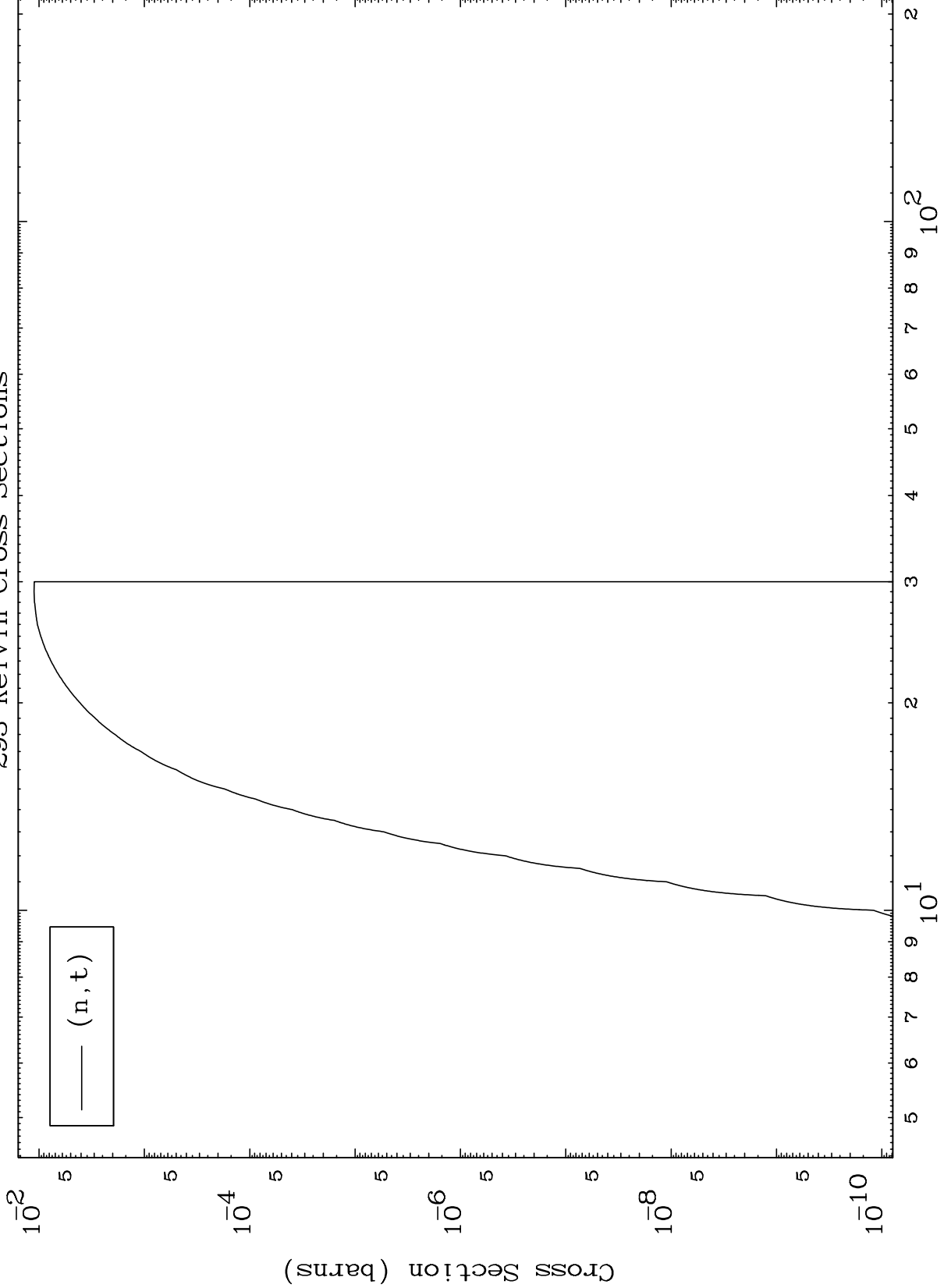
66-Dy-145m

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(n,t) Levels
293 Kelvin Cross Sections

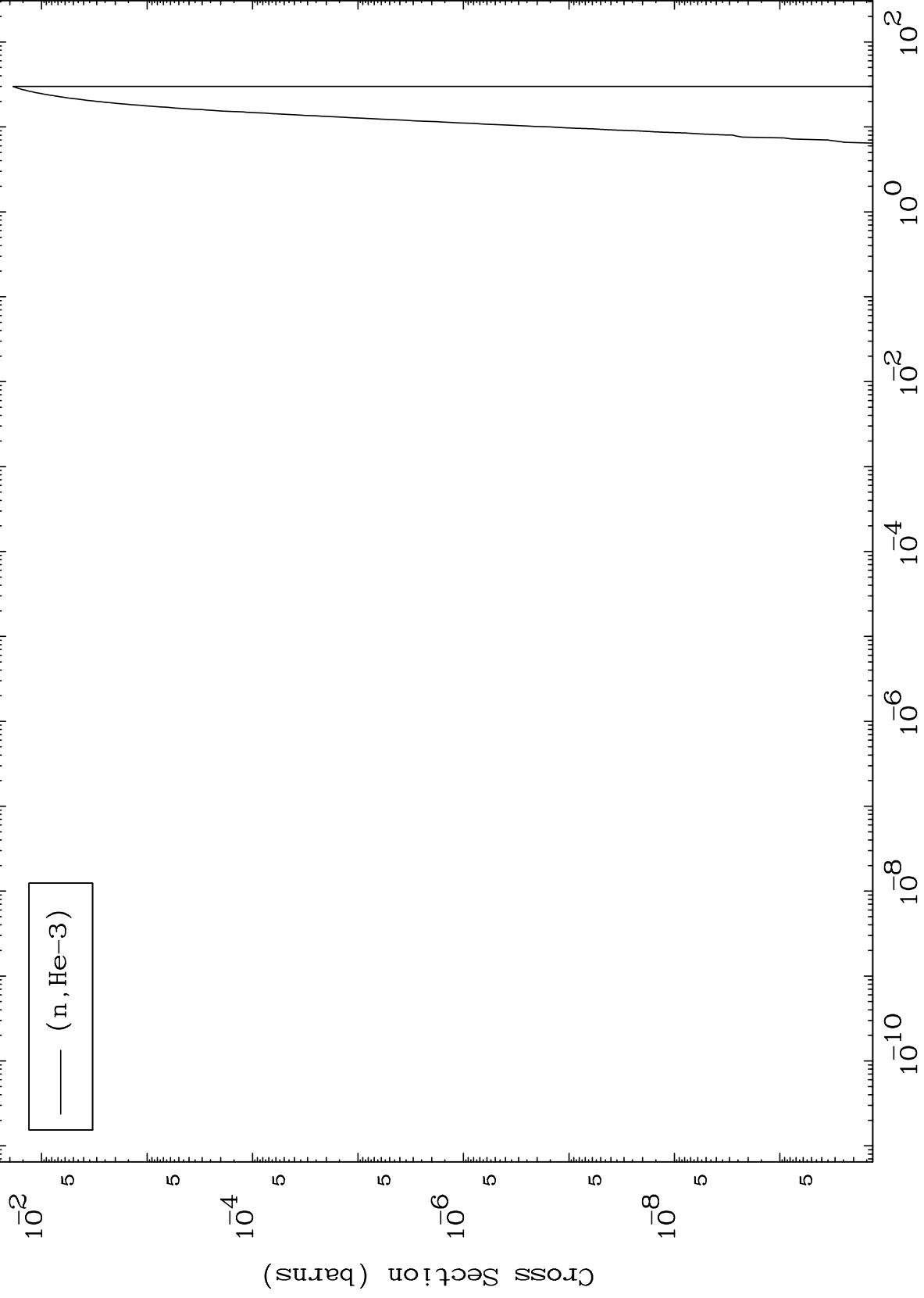
66-Dy-145m



MAT 6593

(n,He3) Levels
293 Kelvin Cross Sections

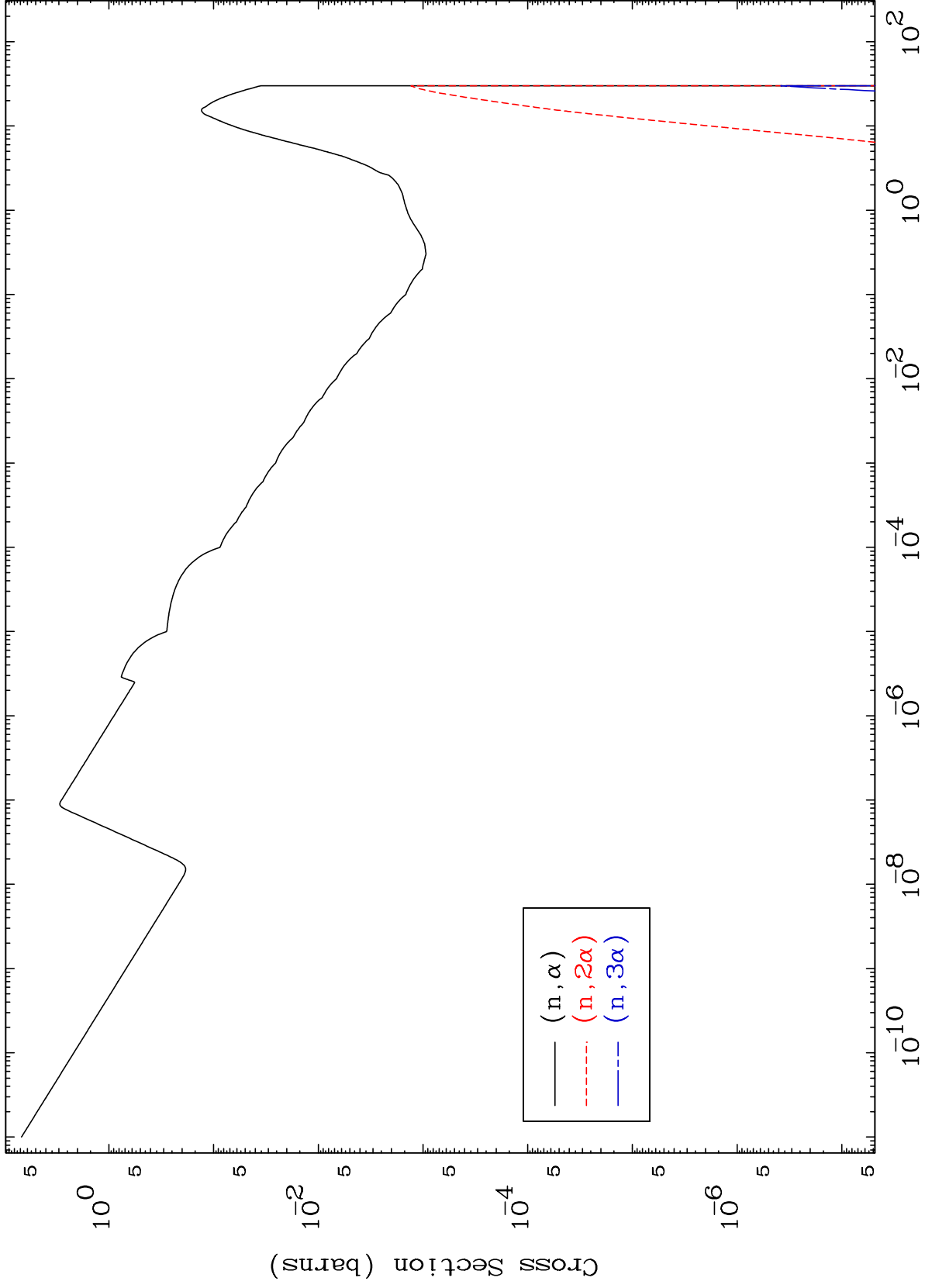
66-Dy-145m



MAT 6593

(n, α) Levels
293 Kelvin Cross Sections

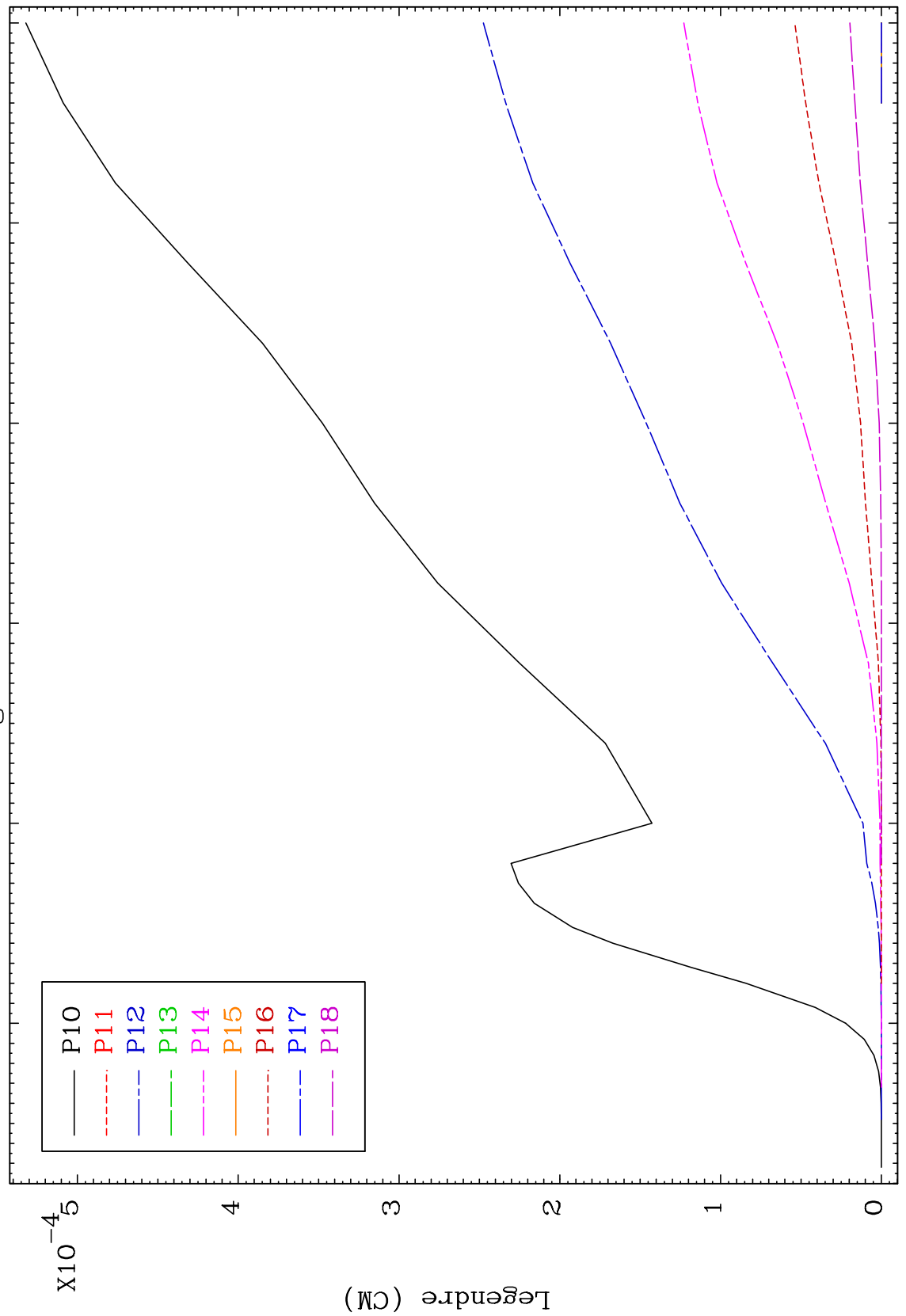
66-Dy-145m



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Elastic Legendre Coefficients

66-Dy-145m



17

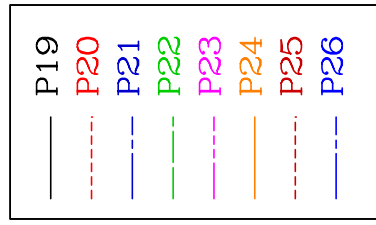
66-Dy-145m

Incident Energy (MeV)

MAT 6593

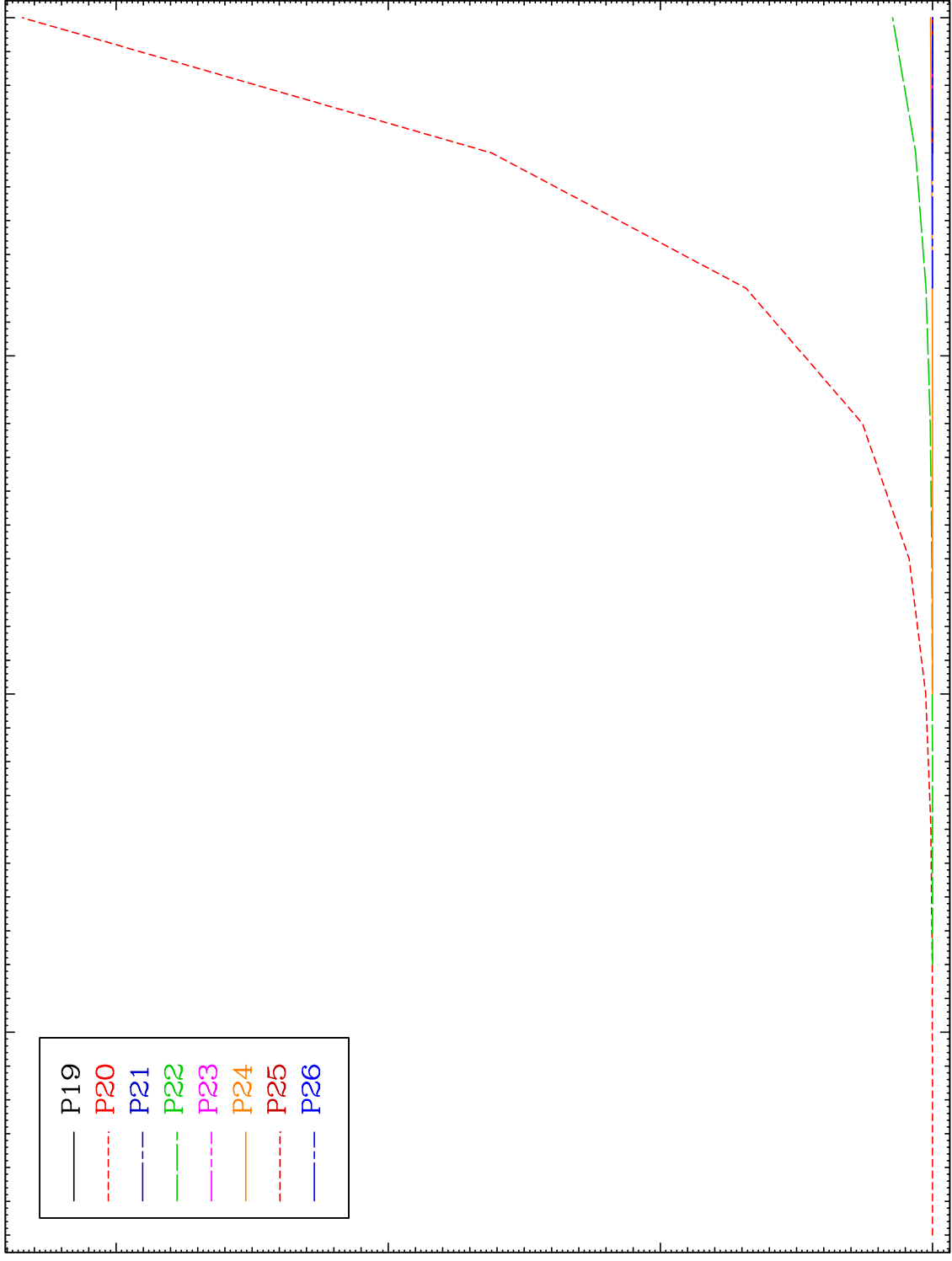
Elastic Legendre Coefficients

66-Dy-145m



$\times 10^{-6}$

Legendre (CM)



18

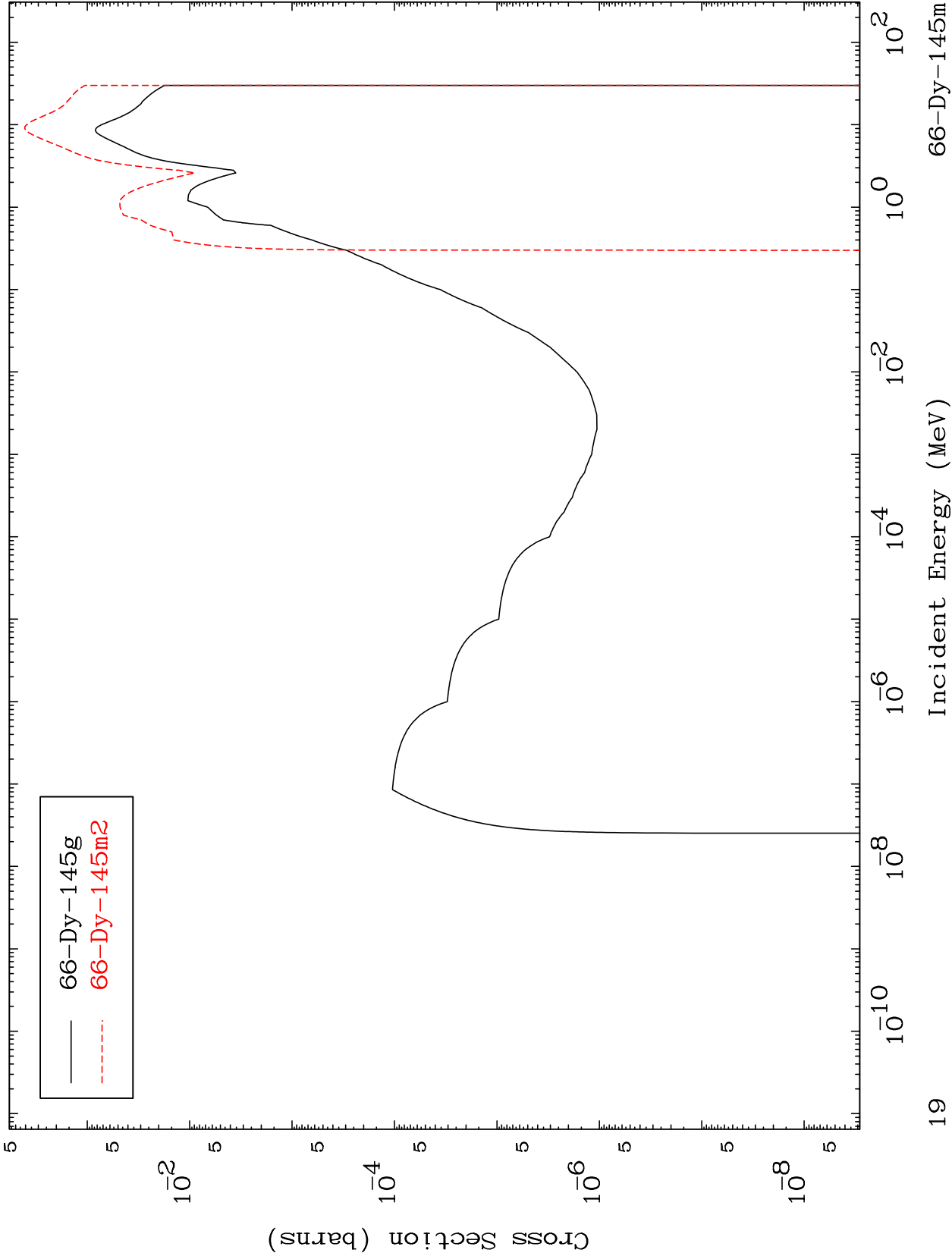
Incident Energy (MeV)

66-Dy-145m

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Inelastic
Radionuclide Production Cross Section

66-Dy-145m

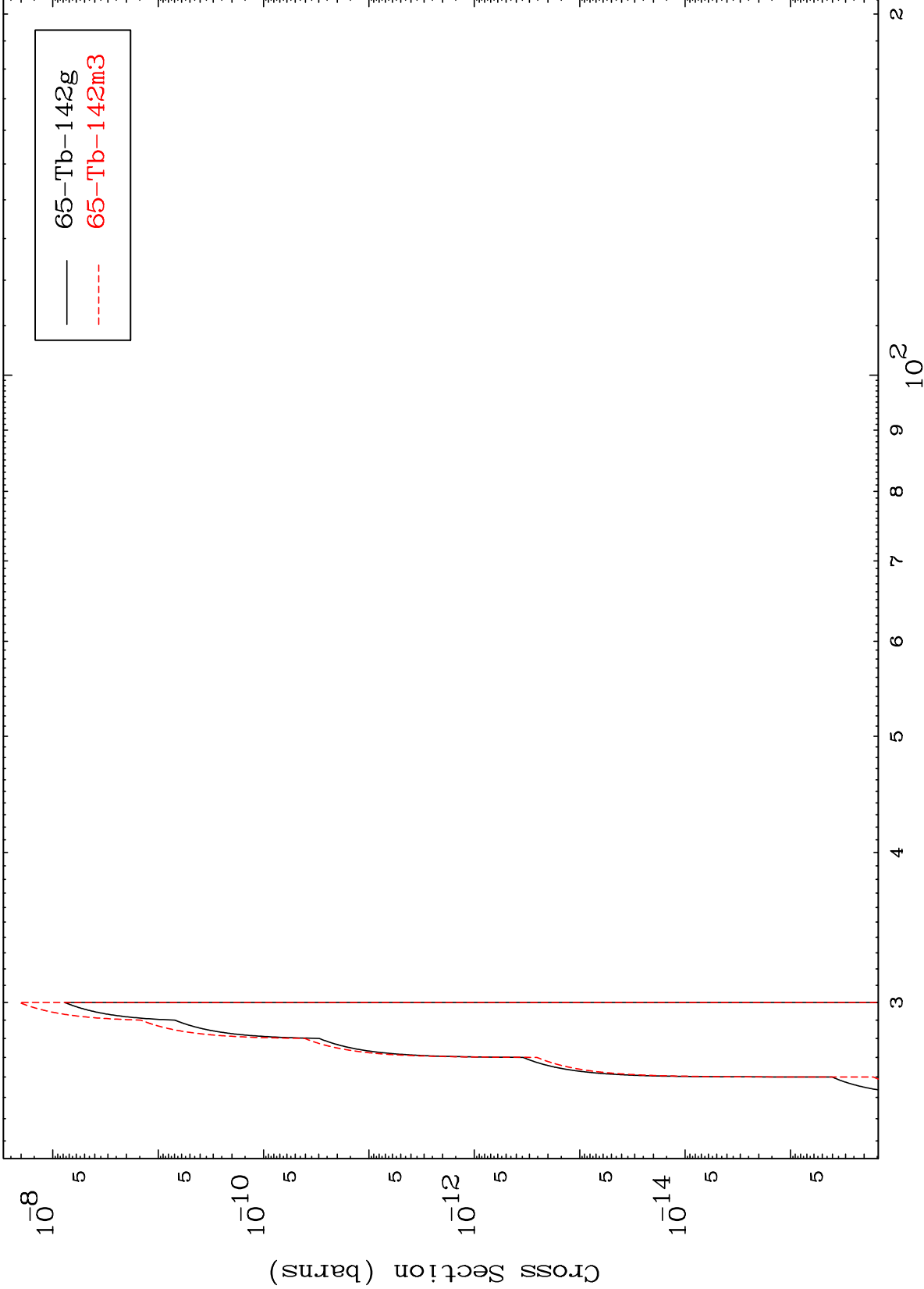


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(n,2n) d

66-Dy-145m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

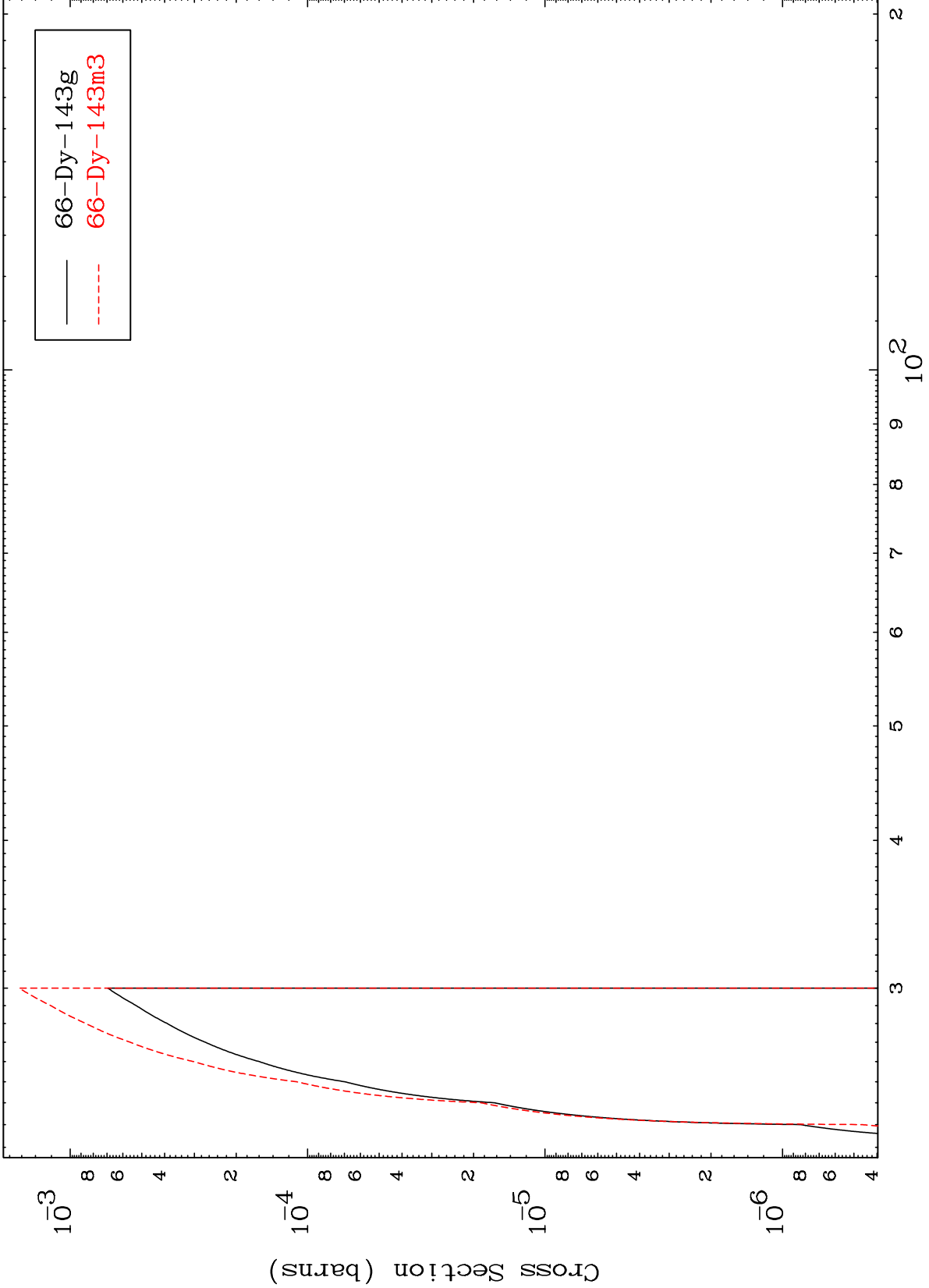
66-Dy-145m

MAT 6593

(n,3n)

66-Dy-145m

Radionuclide Production Cross Section

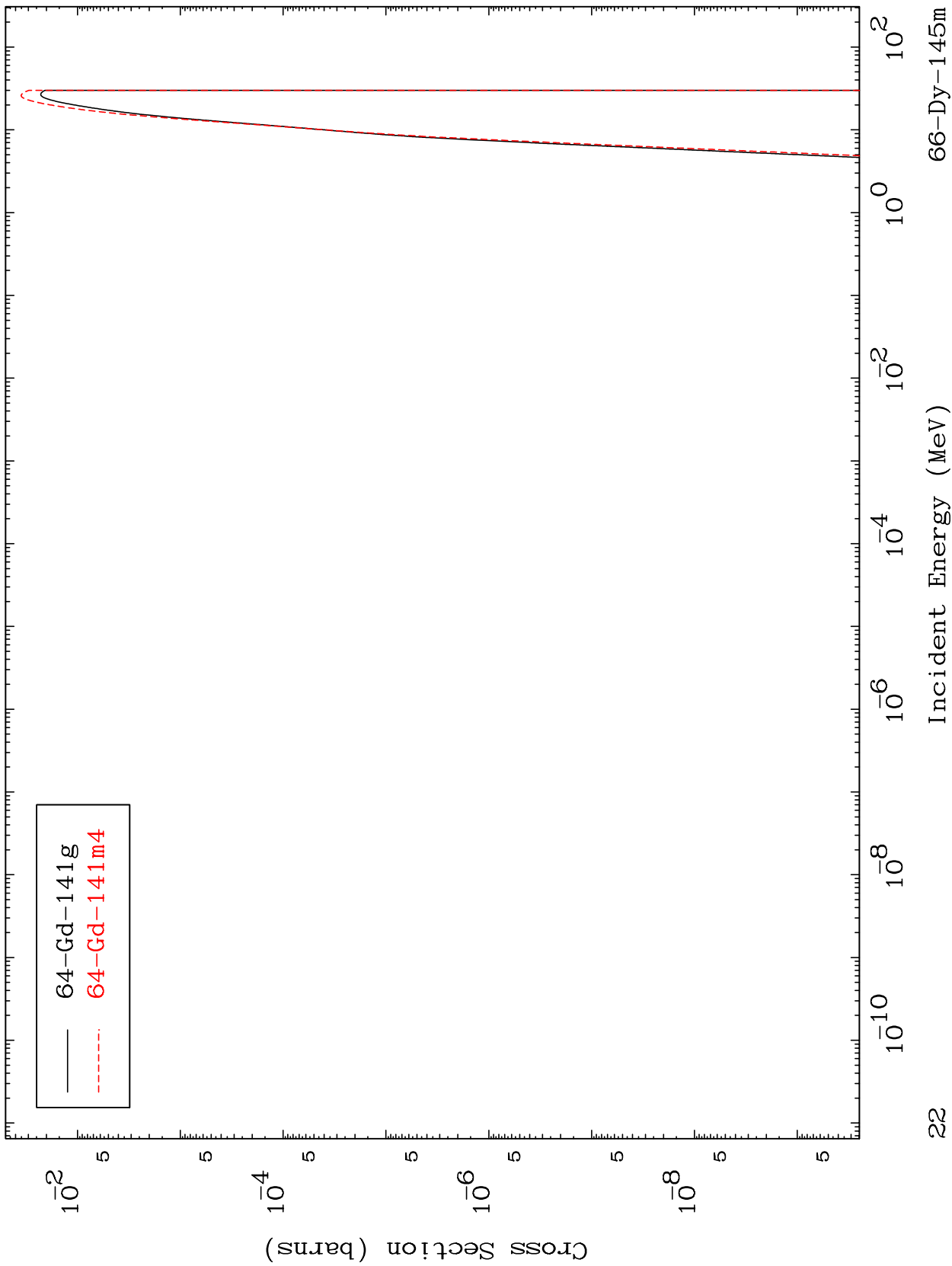


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(n, n') α

66-Dy-145m

Radionuclide Production Cross Section

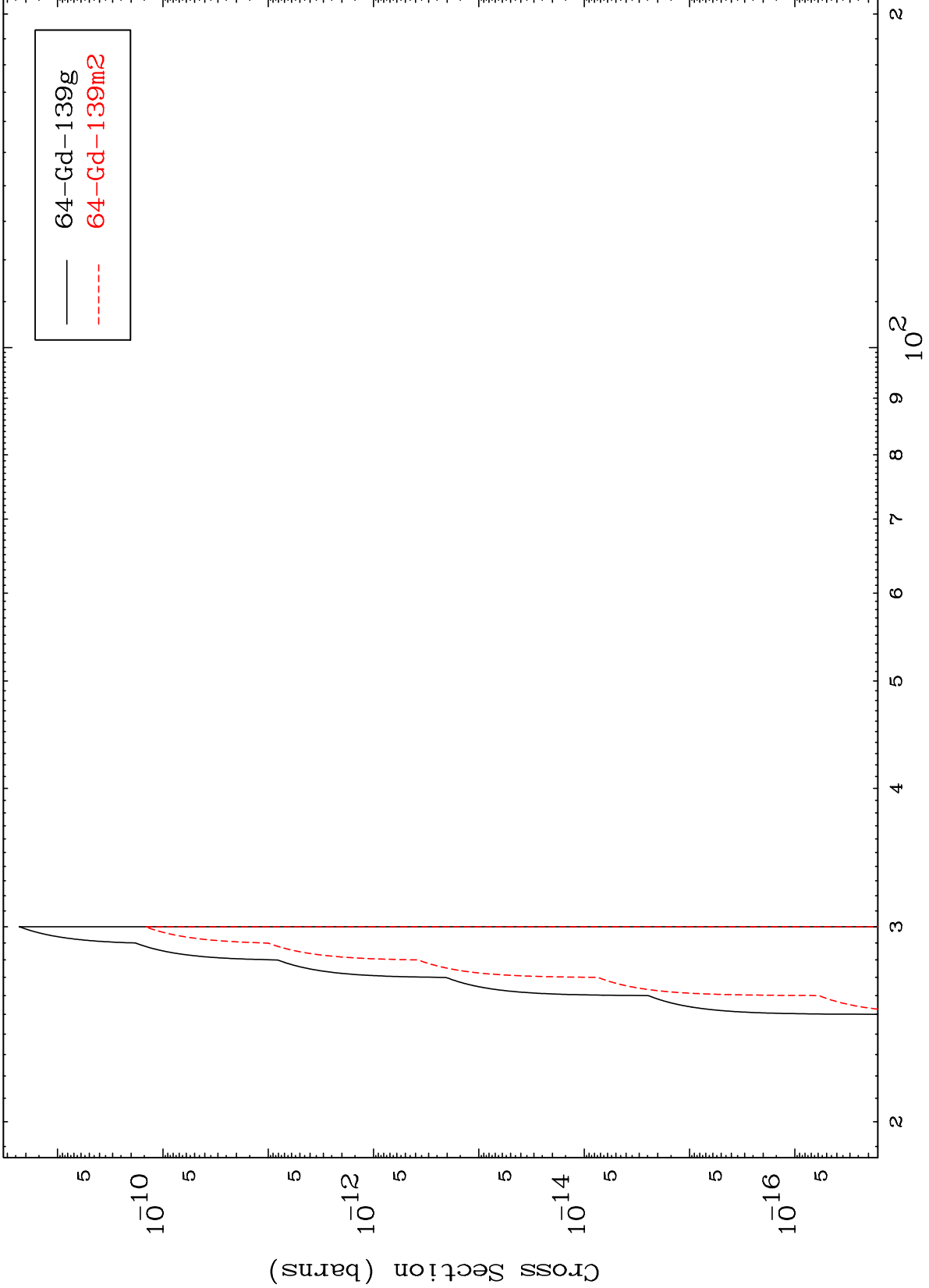


MAT 6593

(n,3n) α

66-Dy-145m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

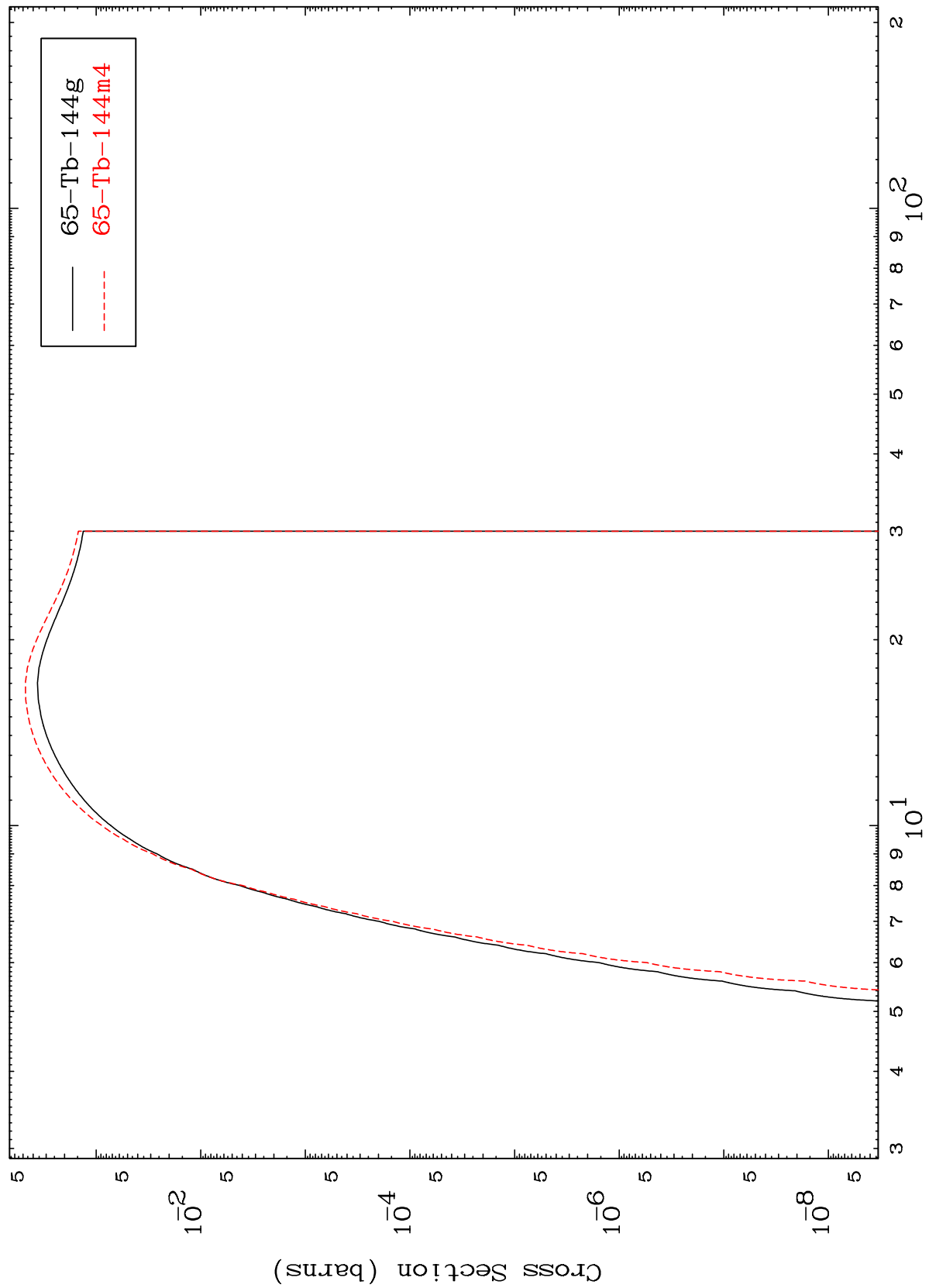
66-Dy-145m

MAT 6593

(n,n') p

66-Dy-145m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

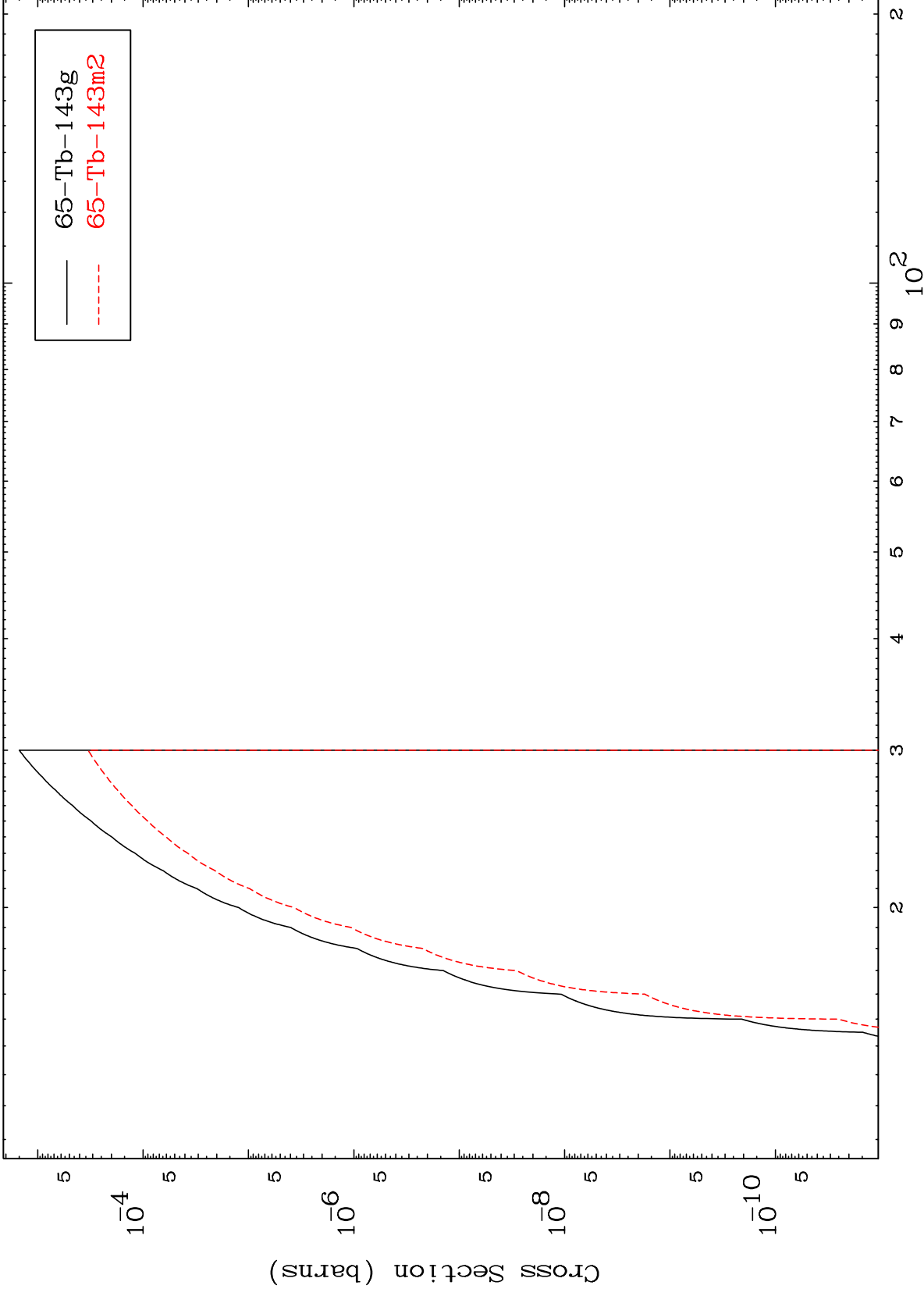
66-Dy-145m

MAT 6593

(n,n') d

66-Dy-145m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

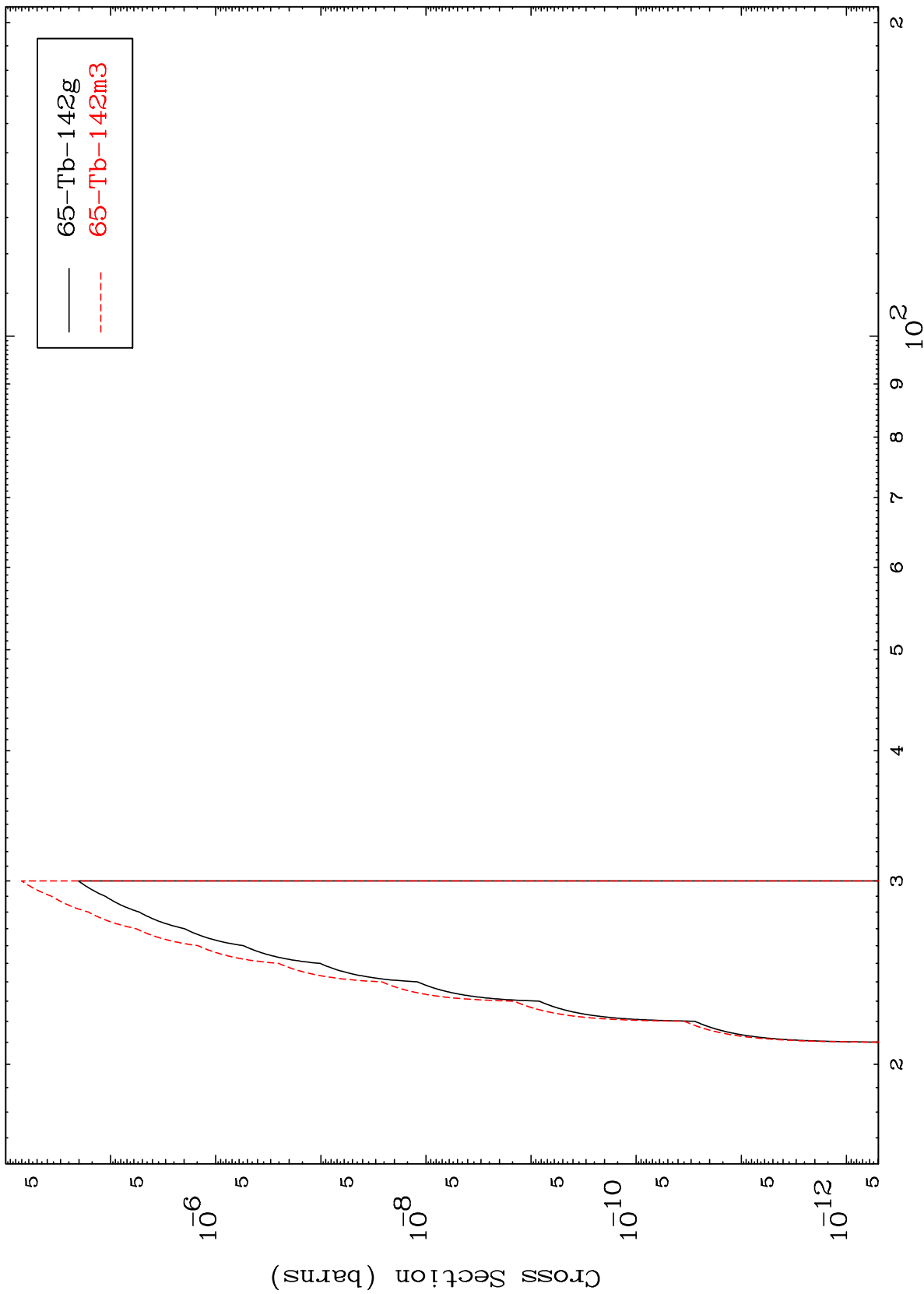
66-Dy-145m

MAT 6593

(n,n') t

66-Dy-145m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

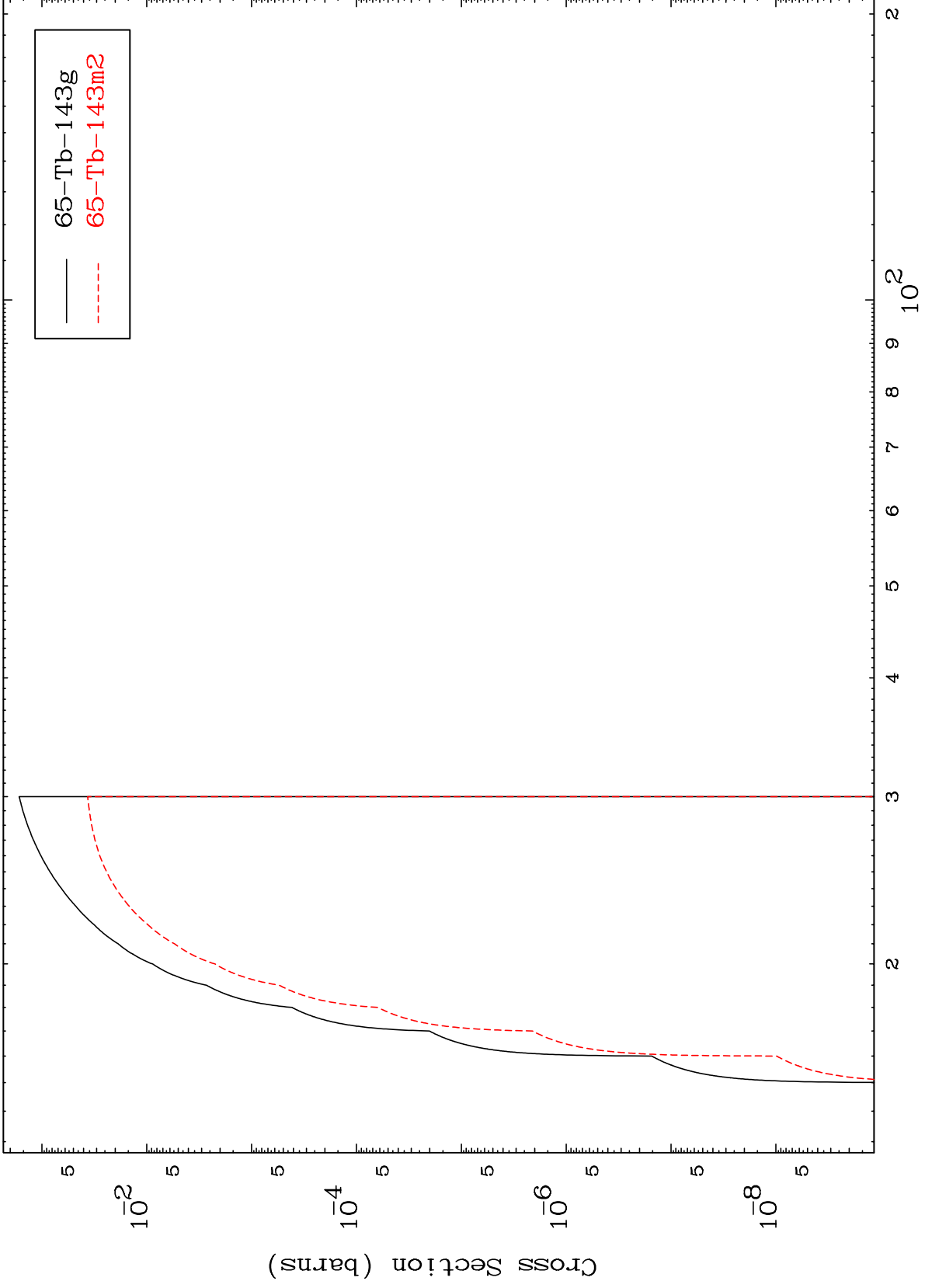
66-Dy-145m

MAT 6593

(n,2n) p

66-Dy-145m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

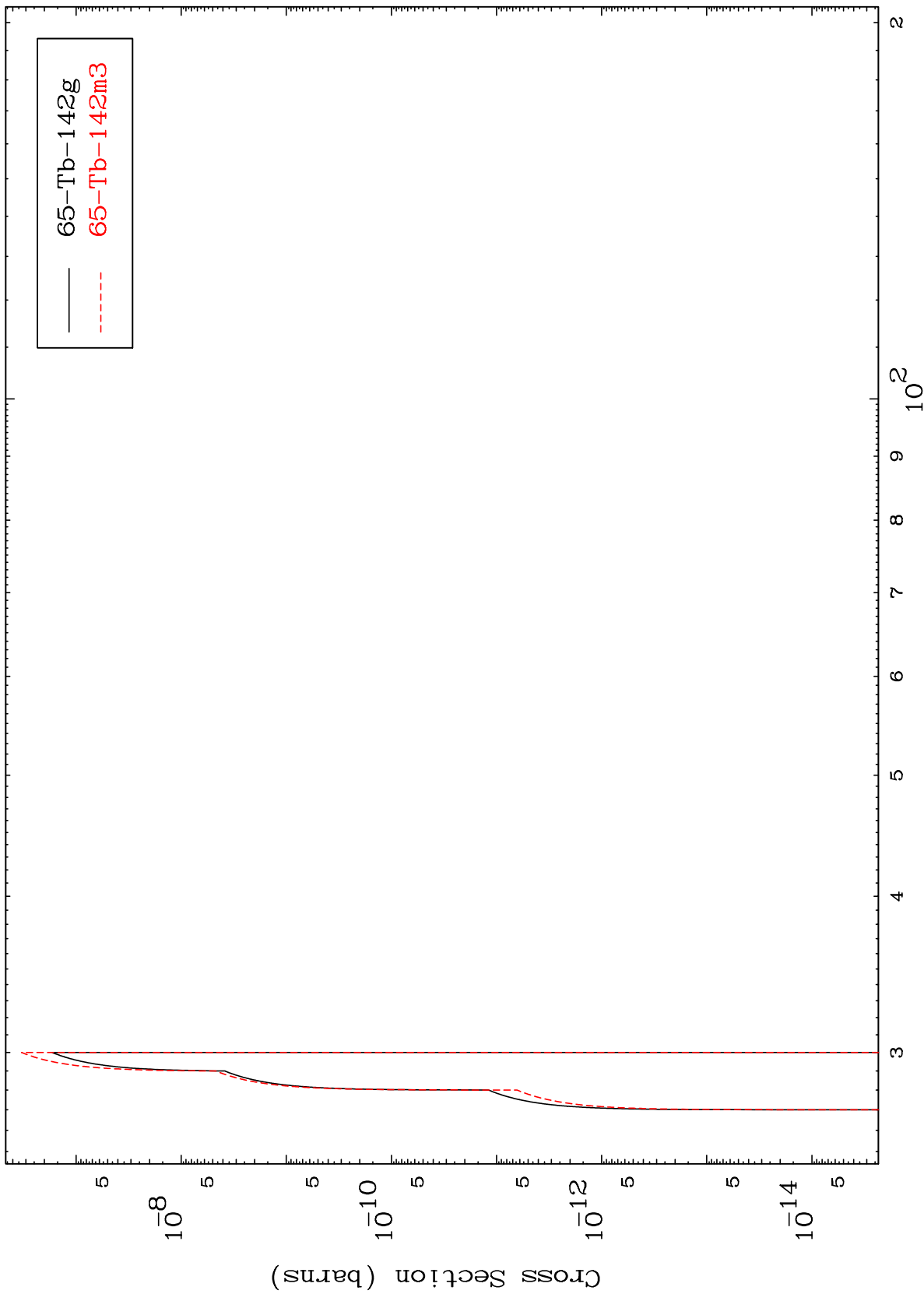
66-Dy-145m

MAT 6593

(n,3n) p

66-Dy-145m

Radionuclide Production Cross Section



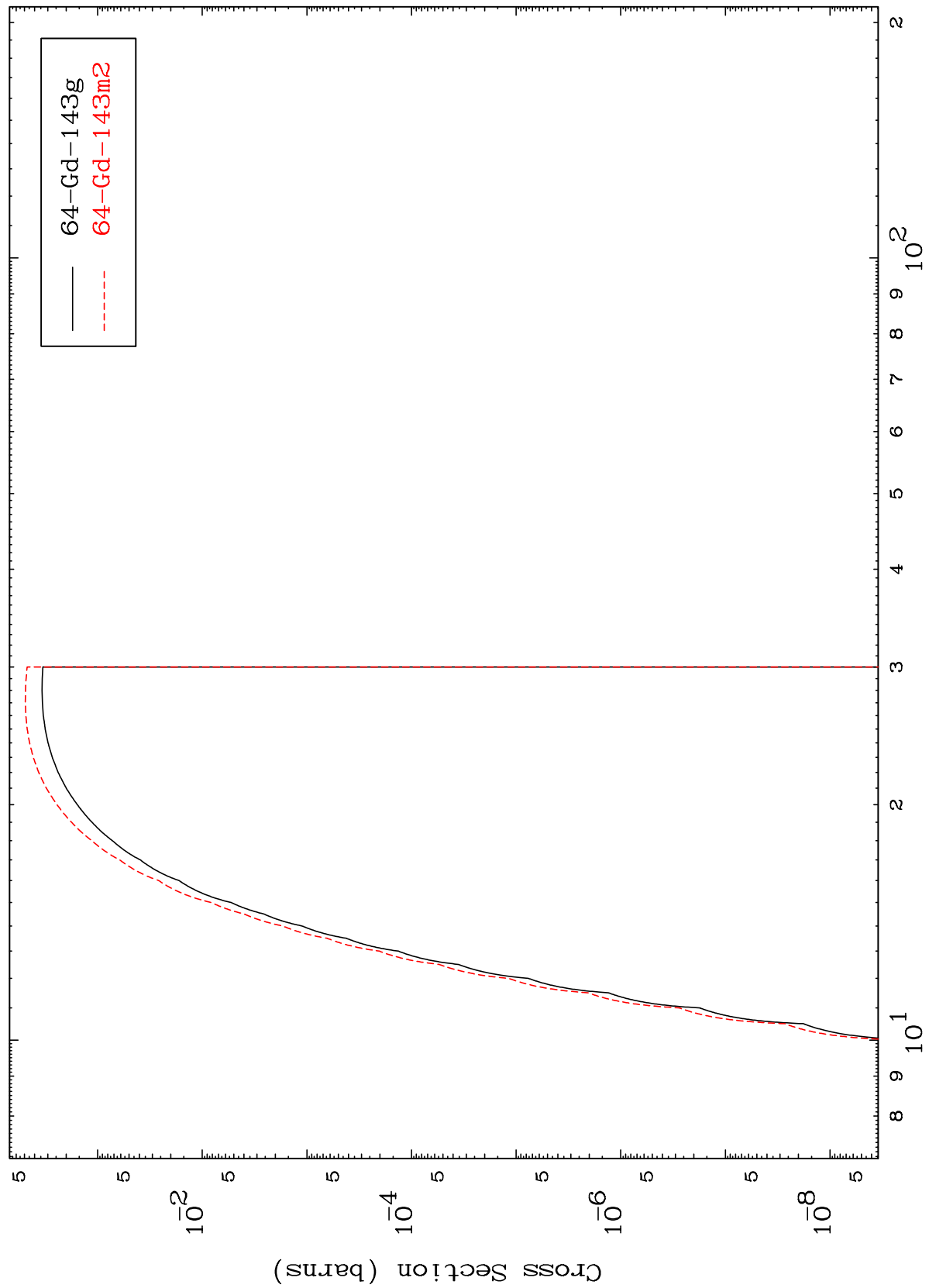
65-Tb-142g
65-Tb-142m3

MAT 6593

(n,2n) p

66-Dy-145m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

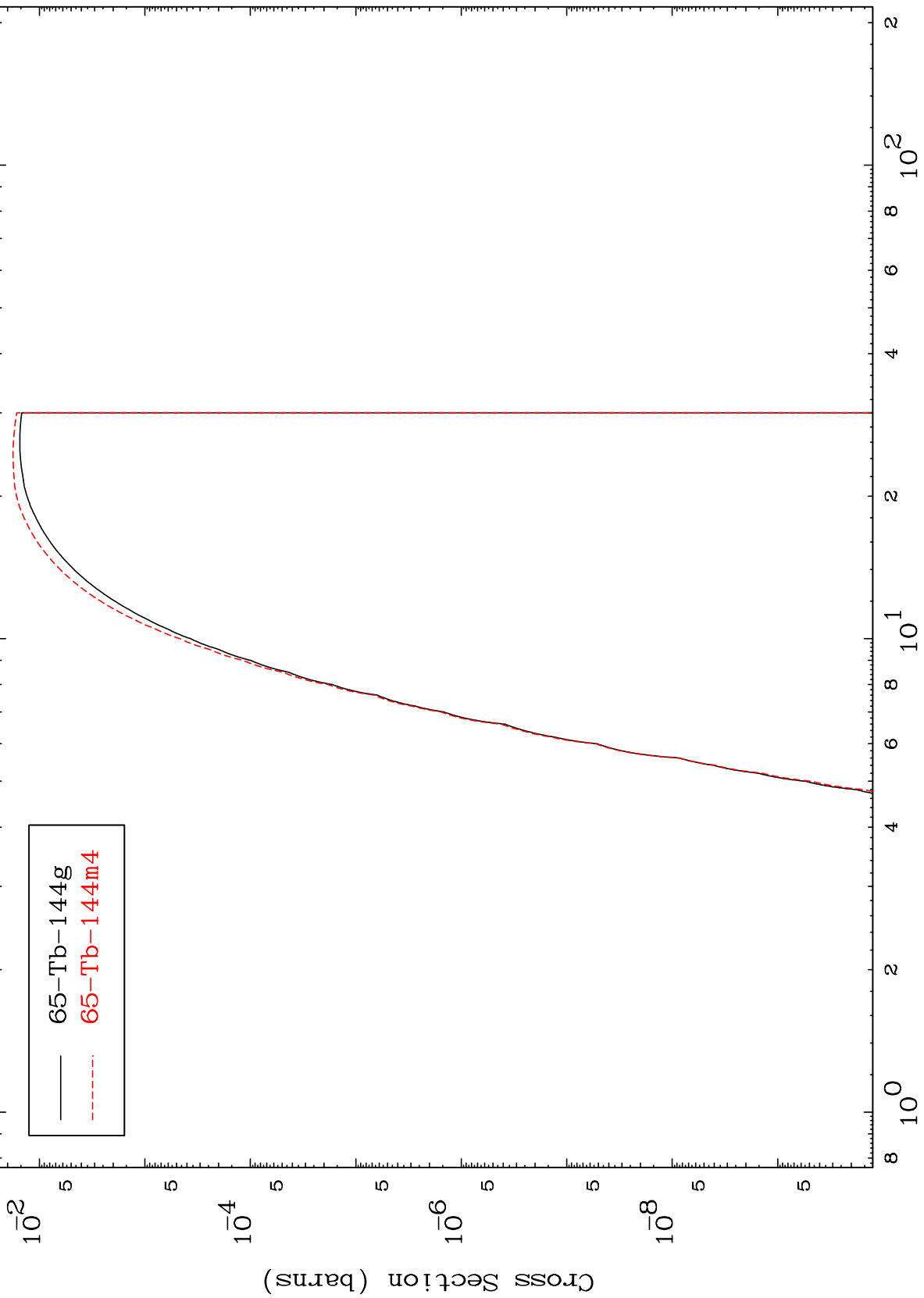
66-Dy-145m

MAT 6593

(n,d)

66-Dy-145m

Radionuclide Production Cross Section



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

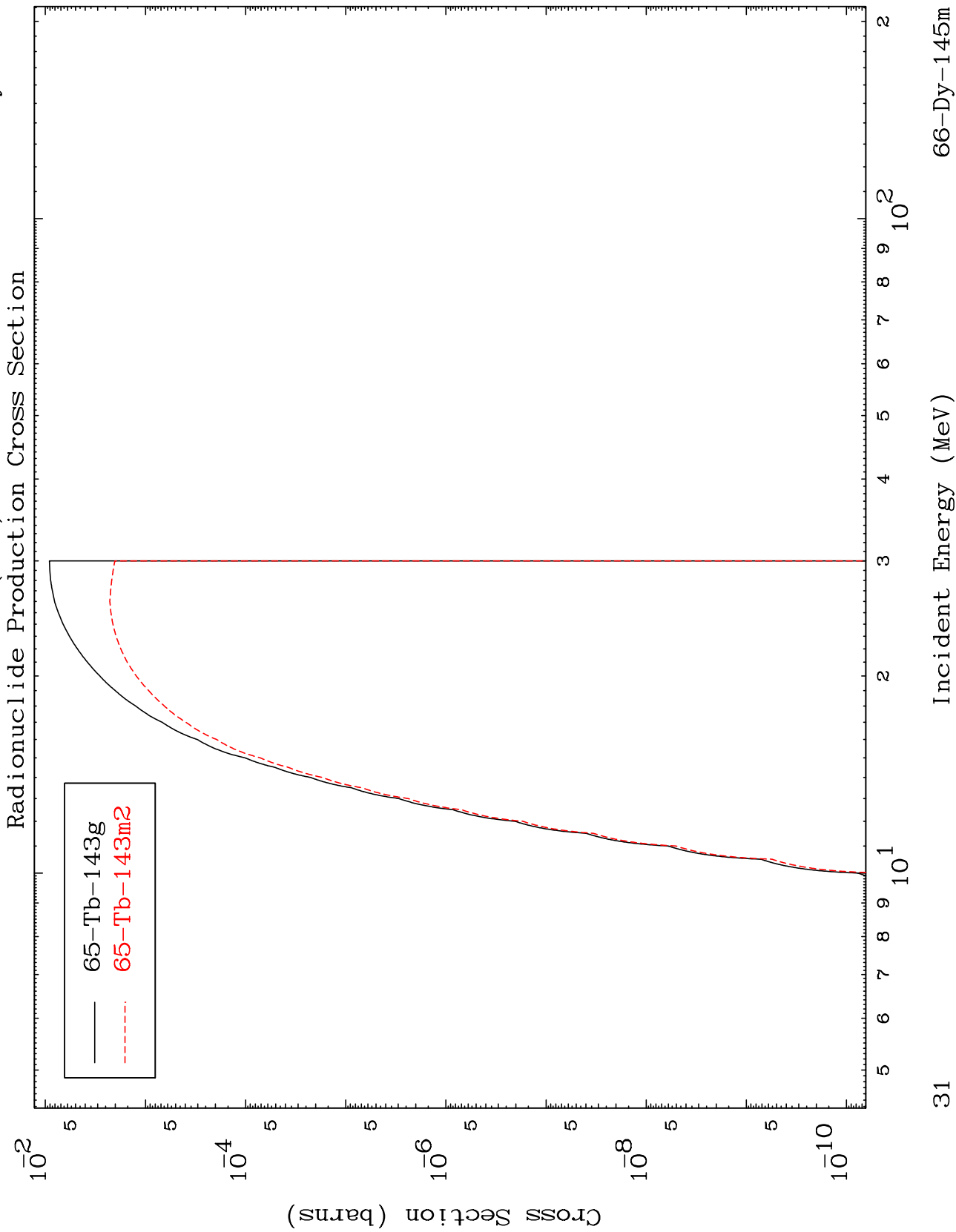
30

Incident Energy (MeV)

66-Dy-145m

MAT 6593

66-Dy-145m

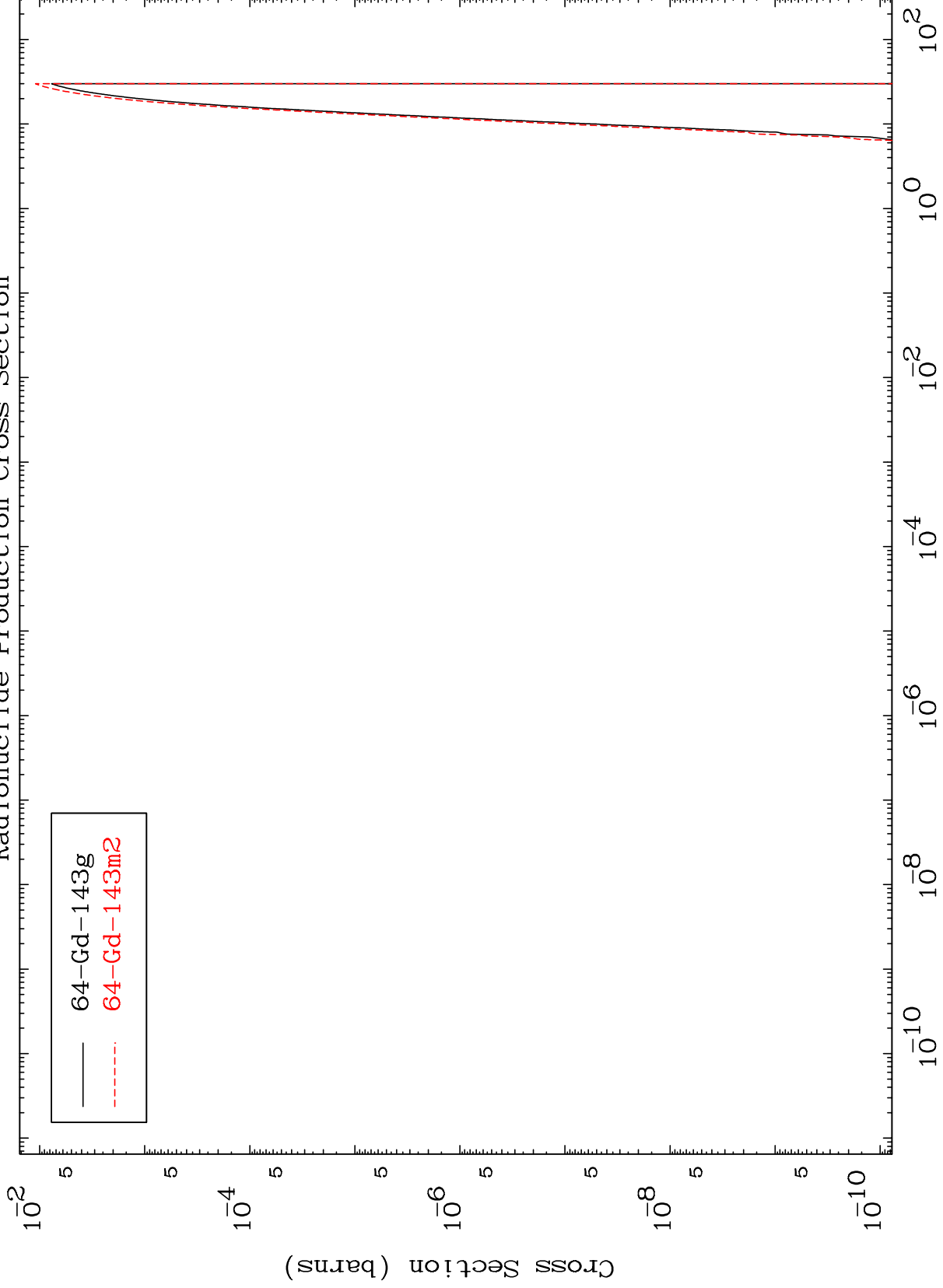


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(n,He-3)

66-Dy-145m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

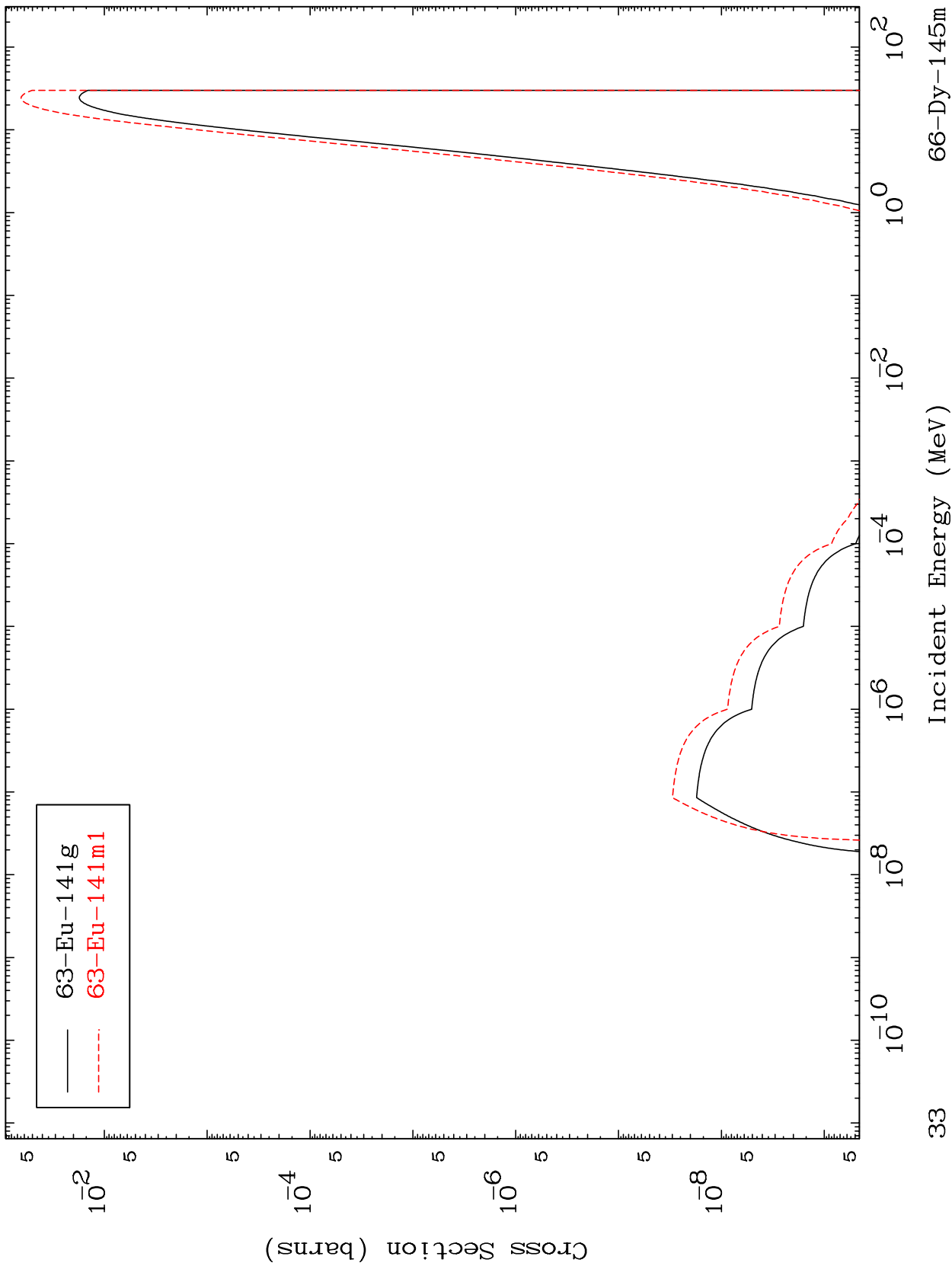
66-Dy-145m

MAT 6593

(n,p) α

66-Dy-145m

Radionuclide Production Cross Section

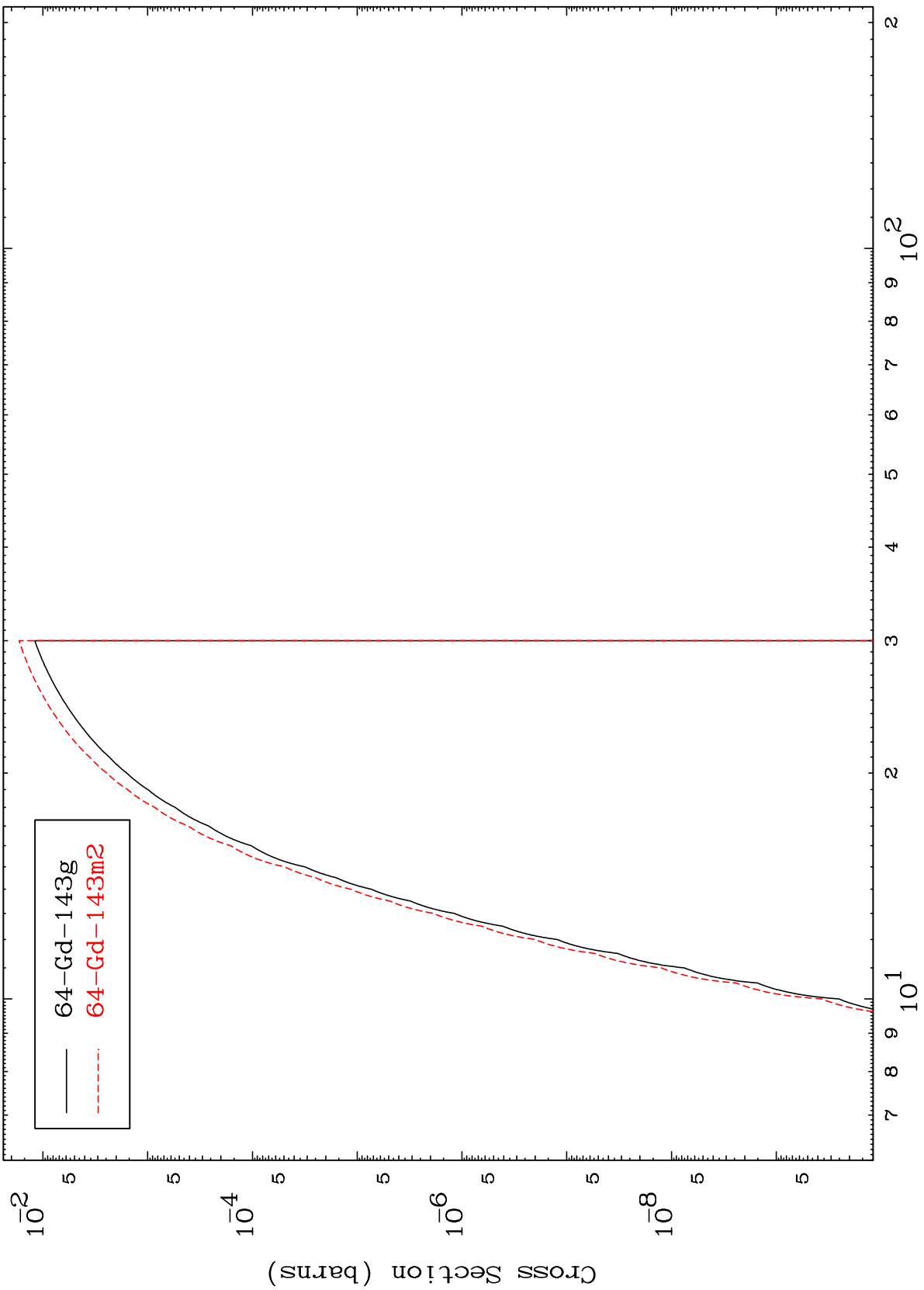


MAT 6593

(n,p) d

66-Dy-145m

Radionuclide Production Cross Section



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

Incident Energy (MeV)

66-Dy-145m

34