

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

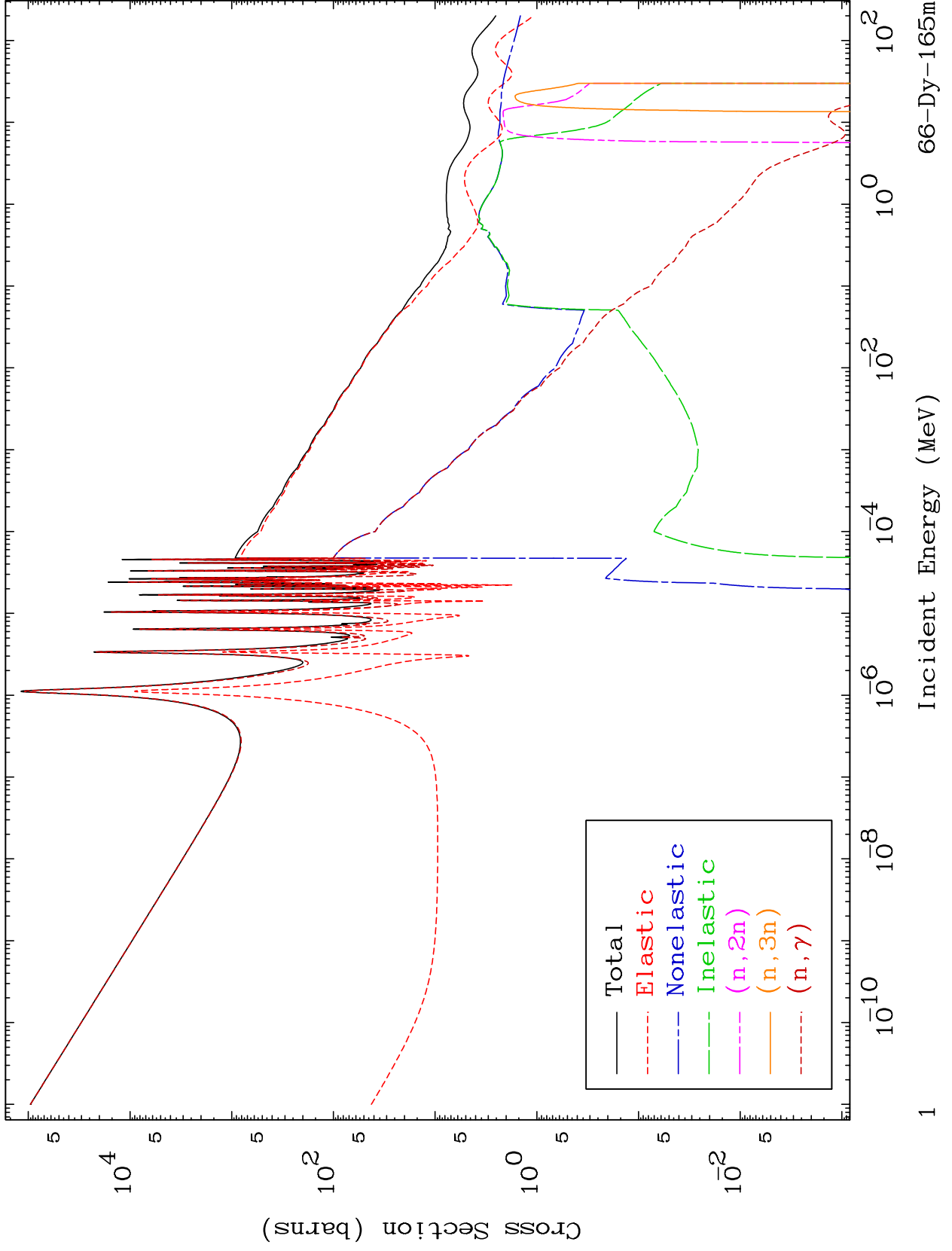
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Press Mouse Button to Start

MAT 6653

Neutron Major
293 Kelvin Cross Sections

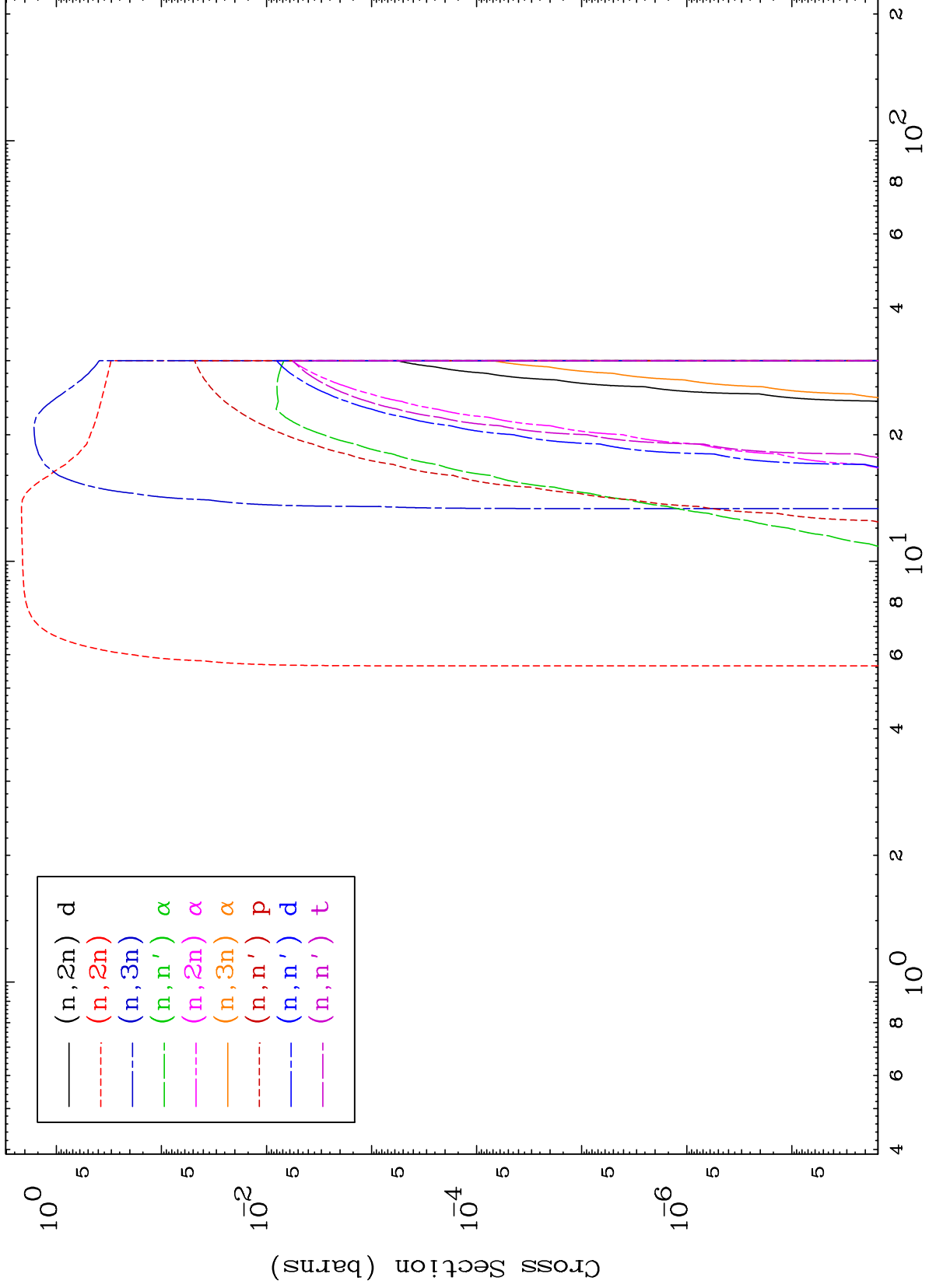
66-Dy-165m



MAT 6653

Neutron Absorption
293 Kelvin Cross Sections

66-Dy-165m



Incident Energy (MeV)

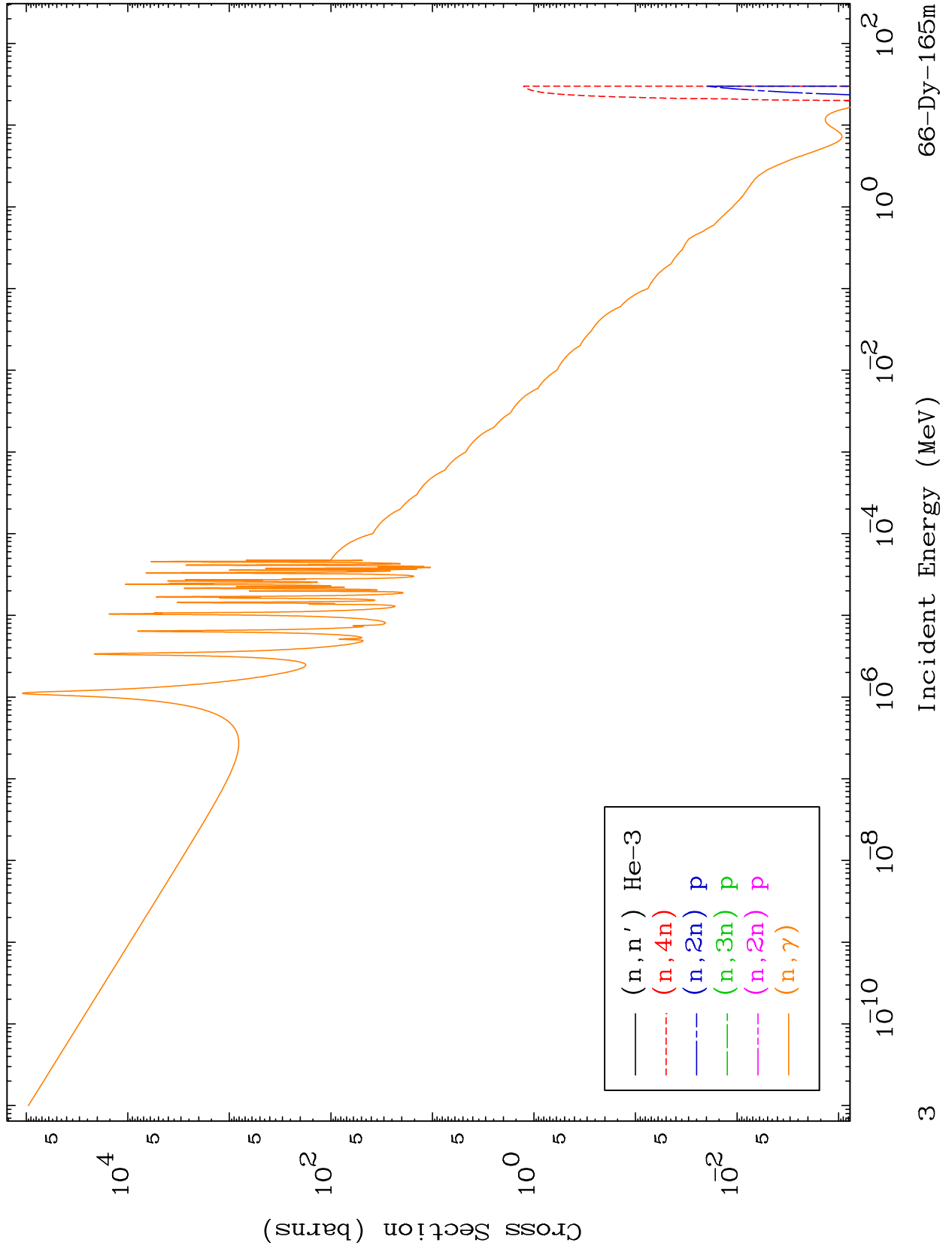
66-Dy-165m

2

MAT 6653

Neutron Absorption
293 Kelvin Cross Sections

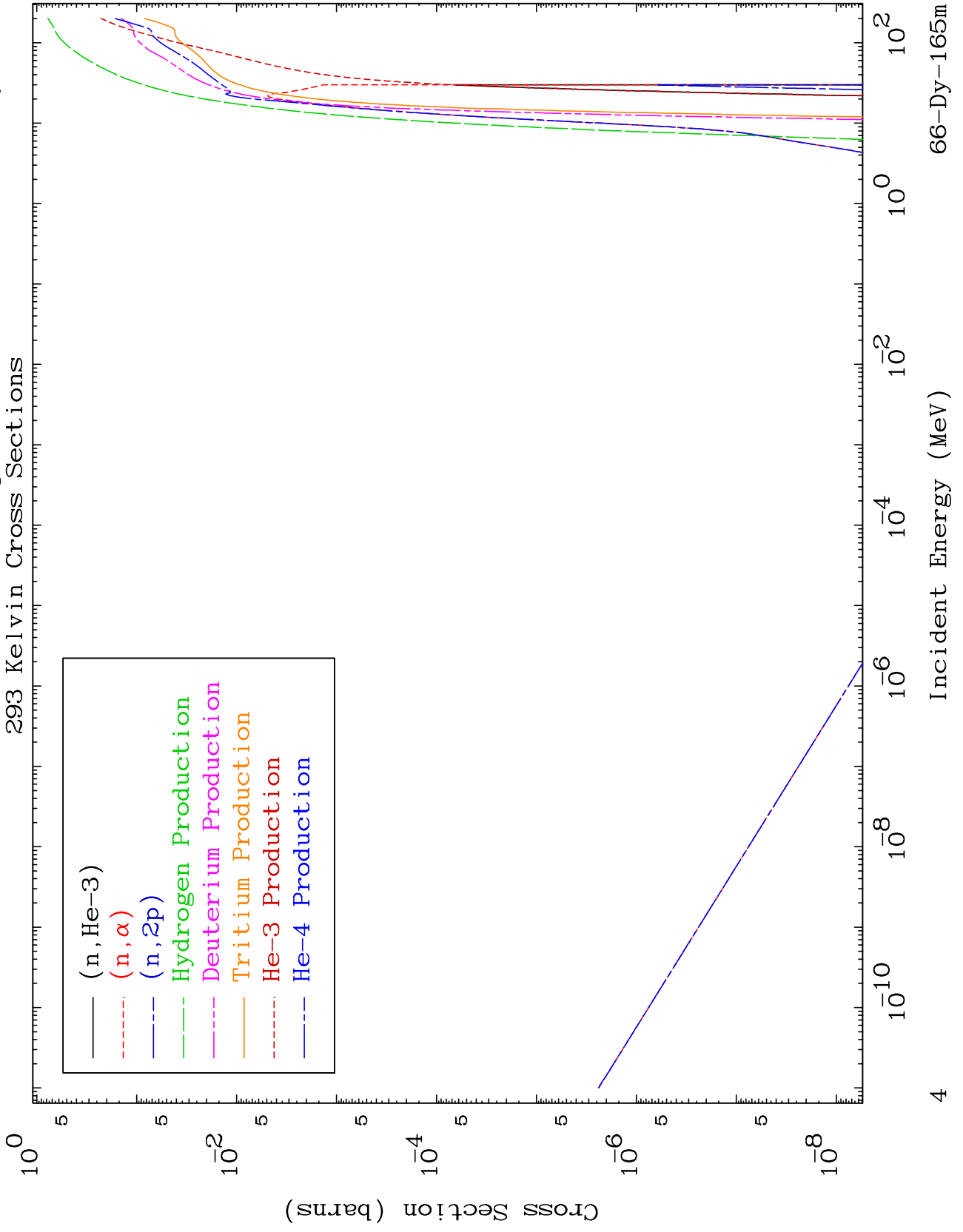
66-Dy-165m



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Neutron Absorption
293 Kelvin Cross Sections

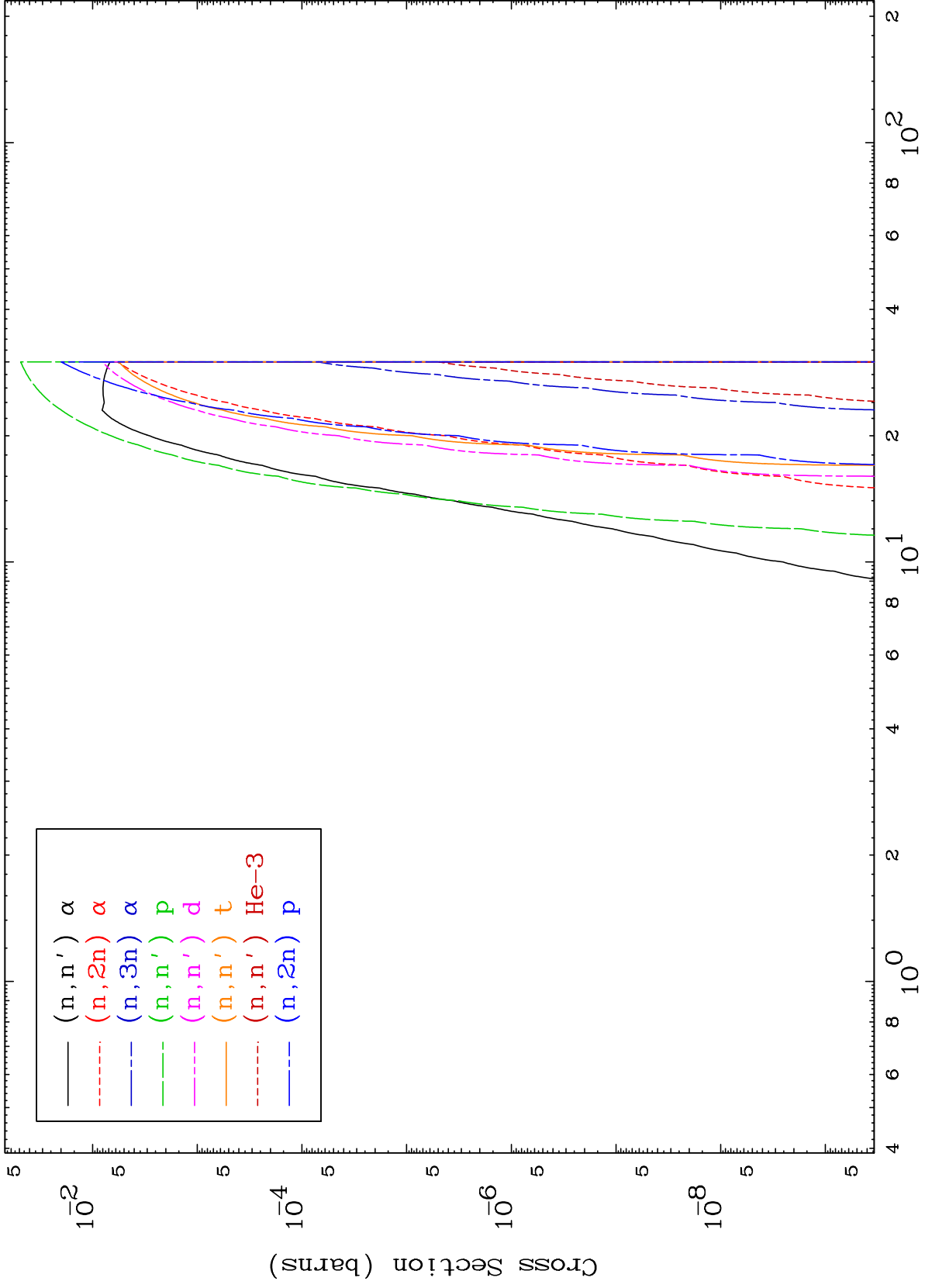
66-Dy-165m



MAT 6653

Charged Particle
293 Kelvin Cross Sections

66-Dy-165m



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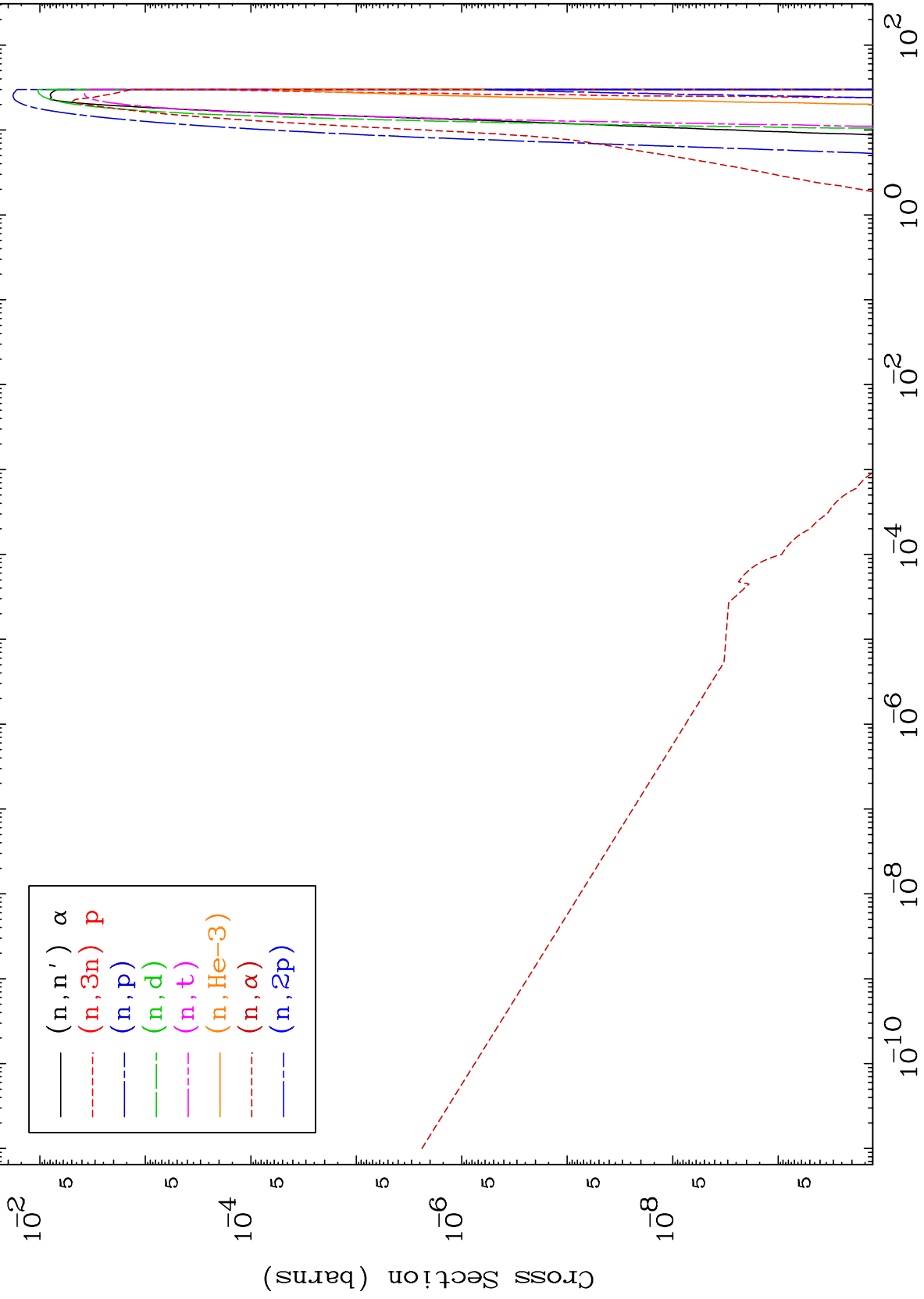
Incident Energy (MeV)

66-Dy-165m

MAT 6653

Charged Particle
293 Kelvin Cross Sections

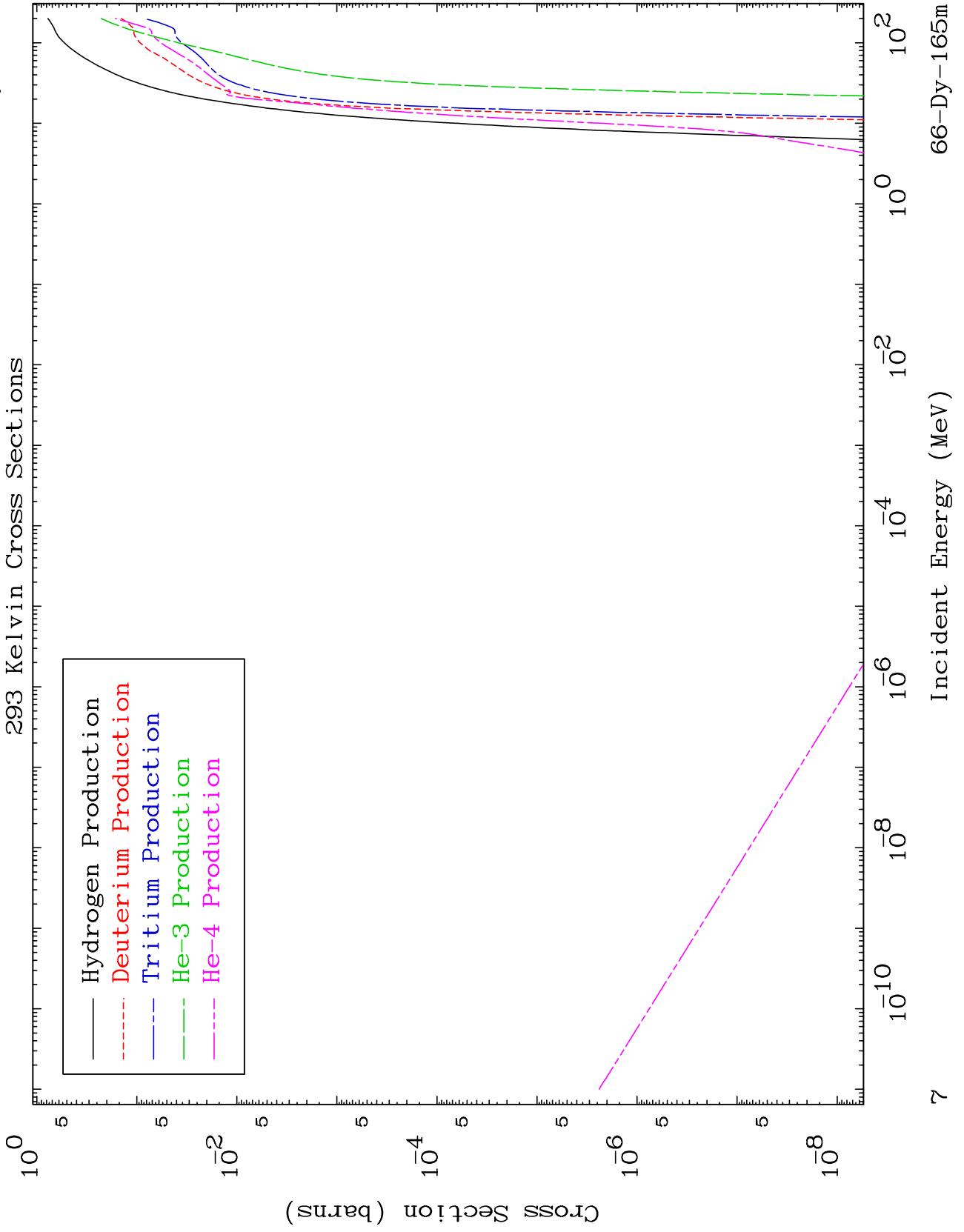
66-Dy-165m



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Particle Production
293 Kelvin Cross Sections

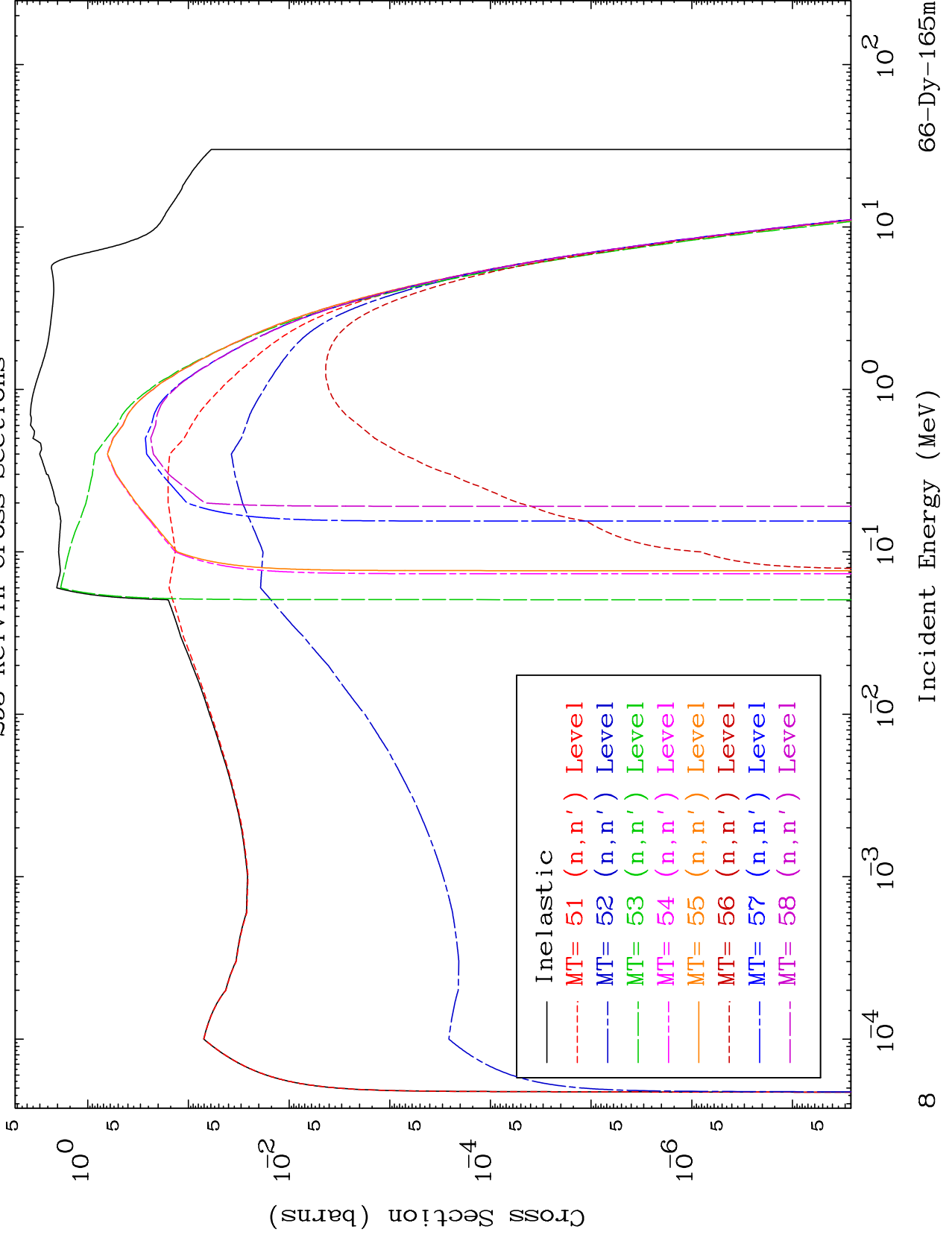
66-Dy-165m



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(n,n') Levels
293 Kelvin Cross Sections

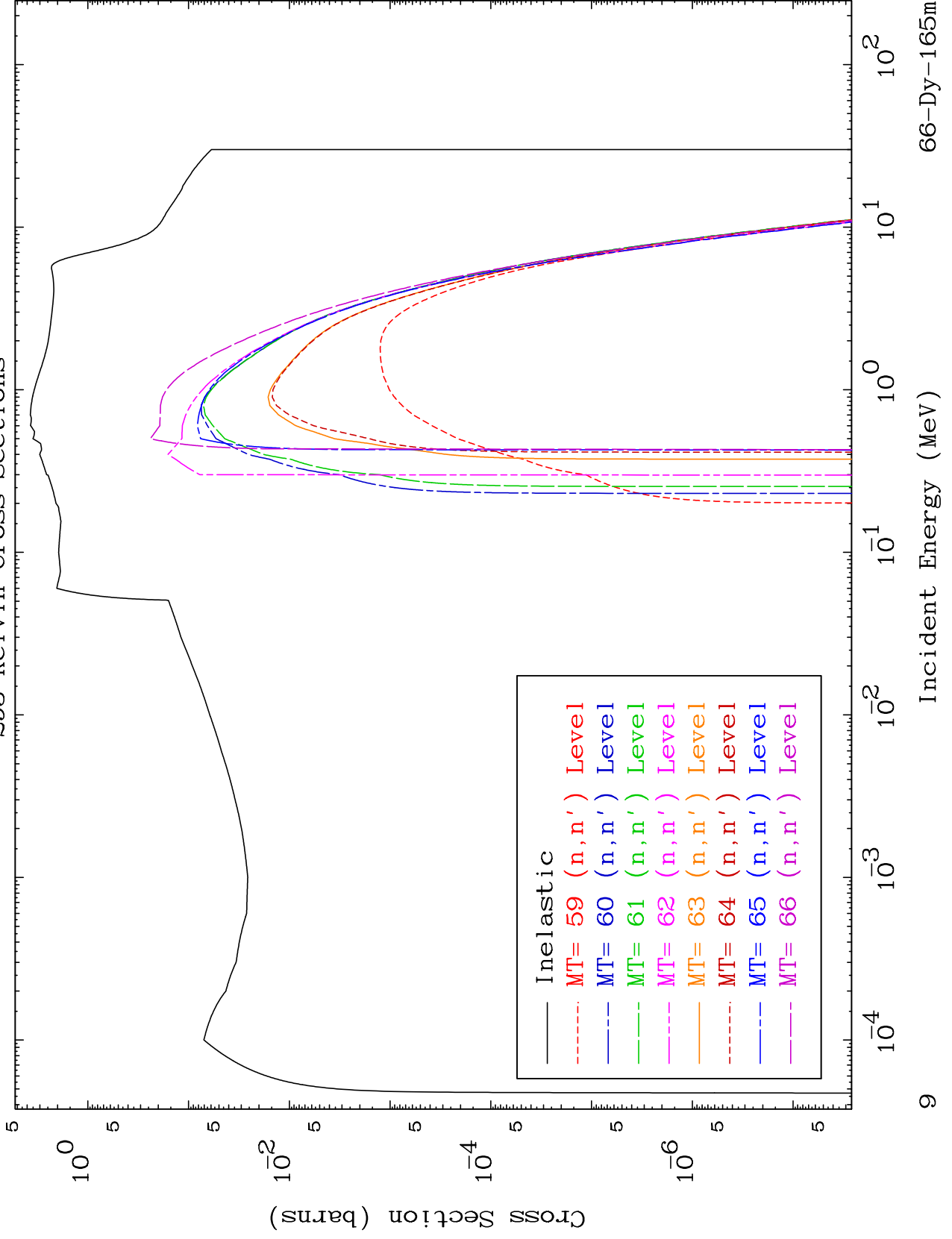
66-Dy-165m



MAT 6653

(n,n') Levels
293 Kelvin Cross Sections

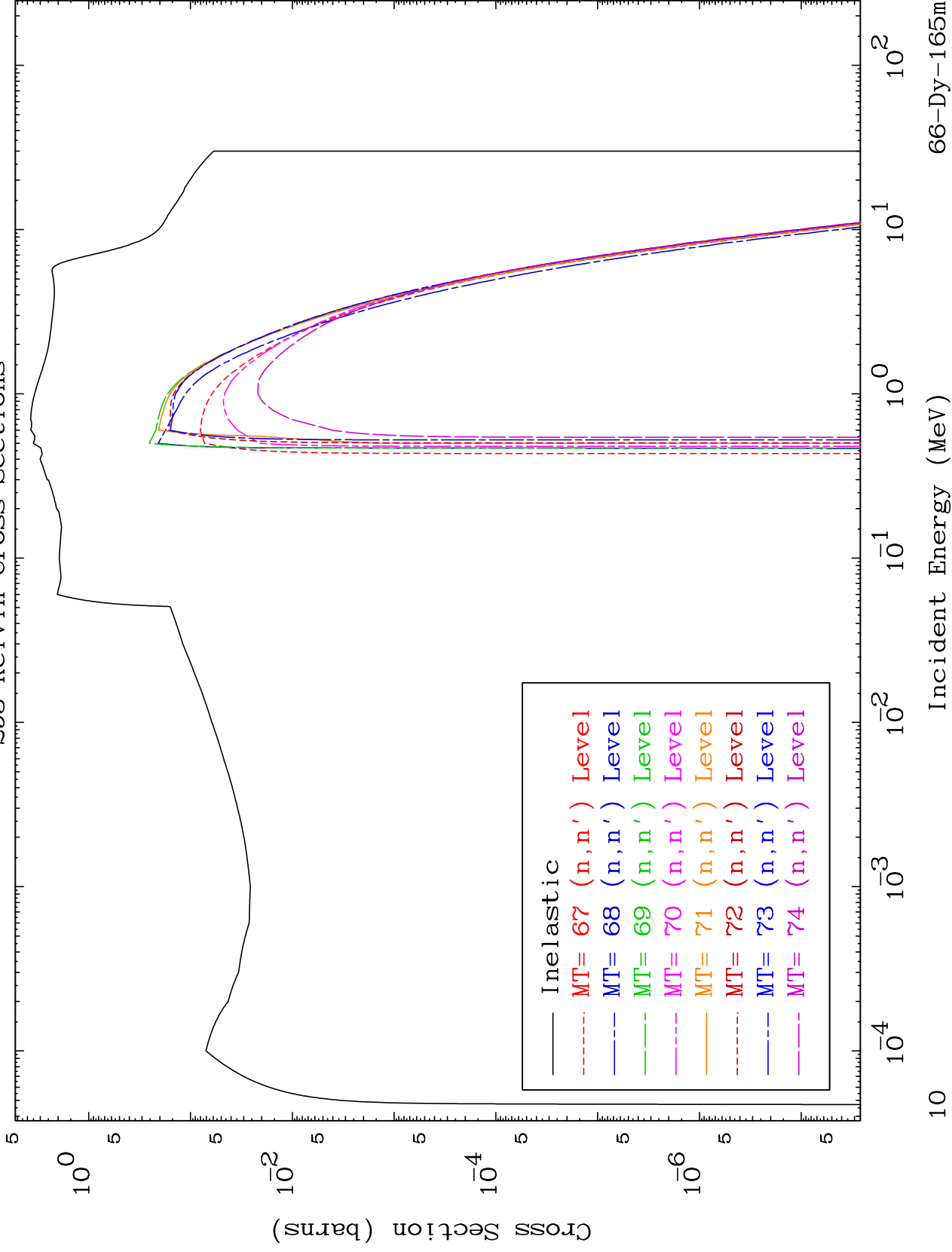
66-Dy-165m



MAT 6653

(n,n') Levels
293 Kelvin Cross Sections

66-Dy-165m



66-Dy-165m

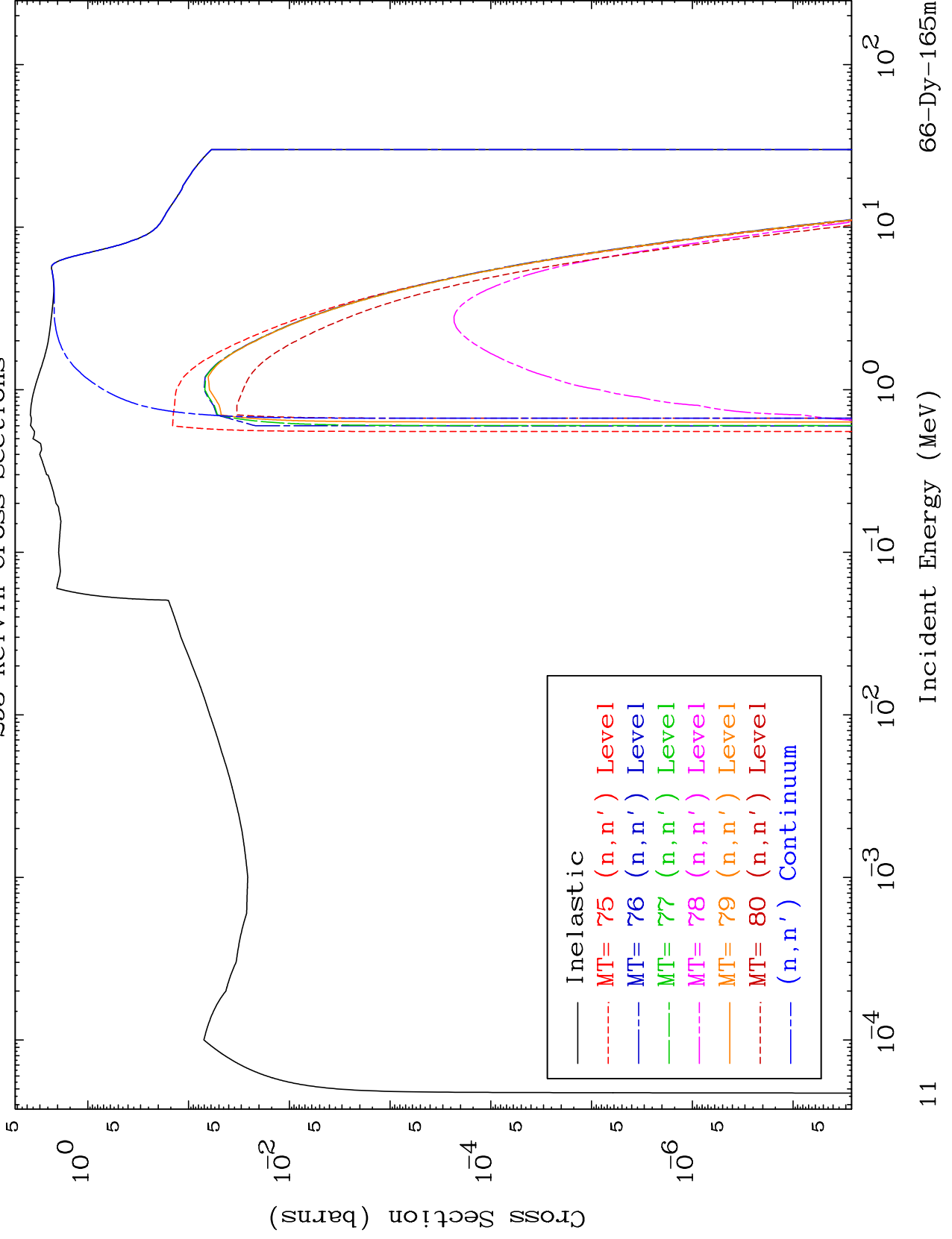
Incident Energy (MeV)

10

MAT 6653

(n,n') Levels
293 Kelvin Cross Sections

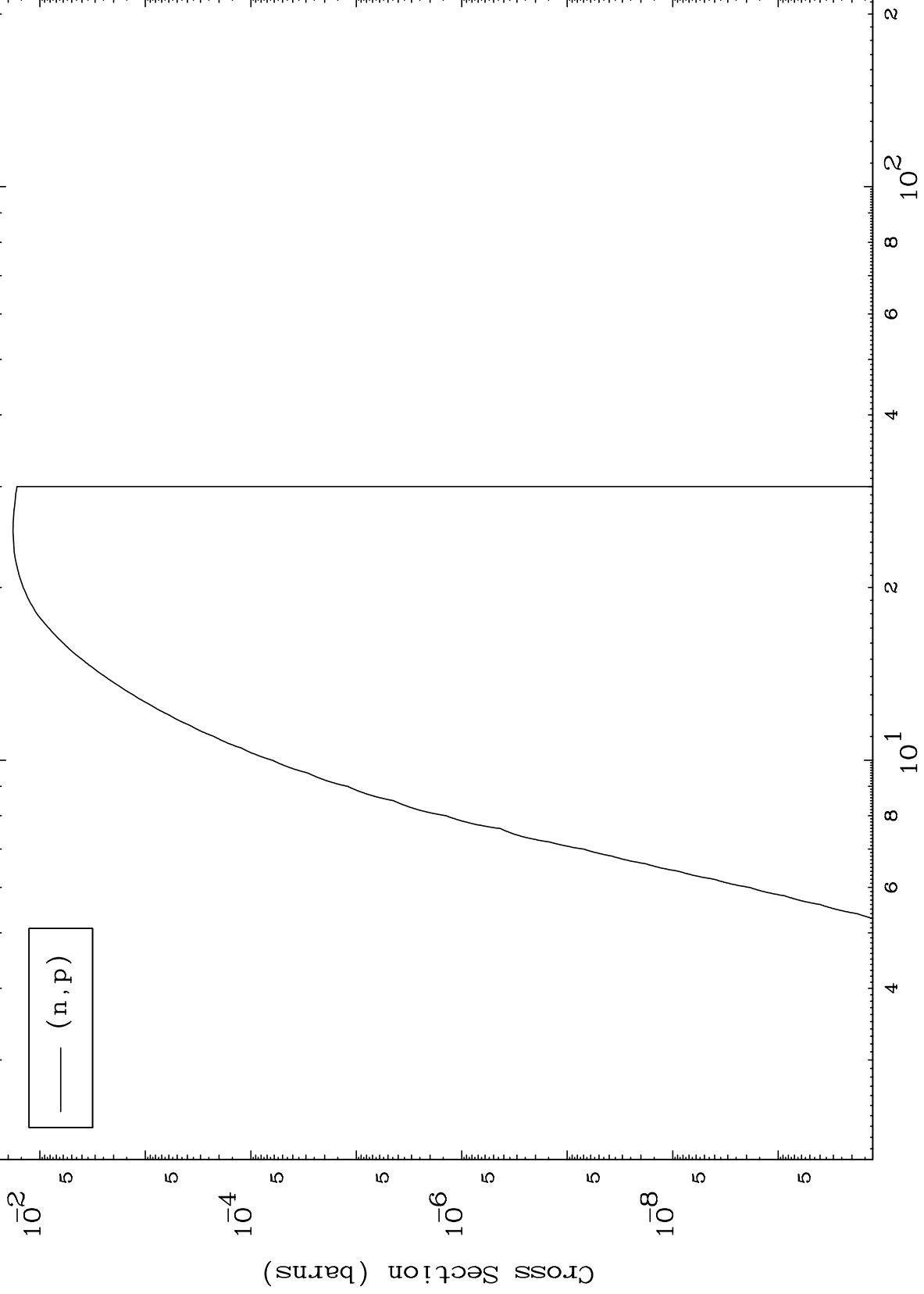
66-Dy-165m



MAT 6653

(n,p) Levels
293 Kelvin Cross Sections

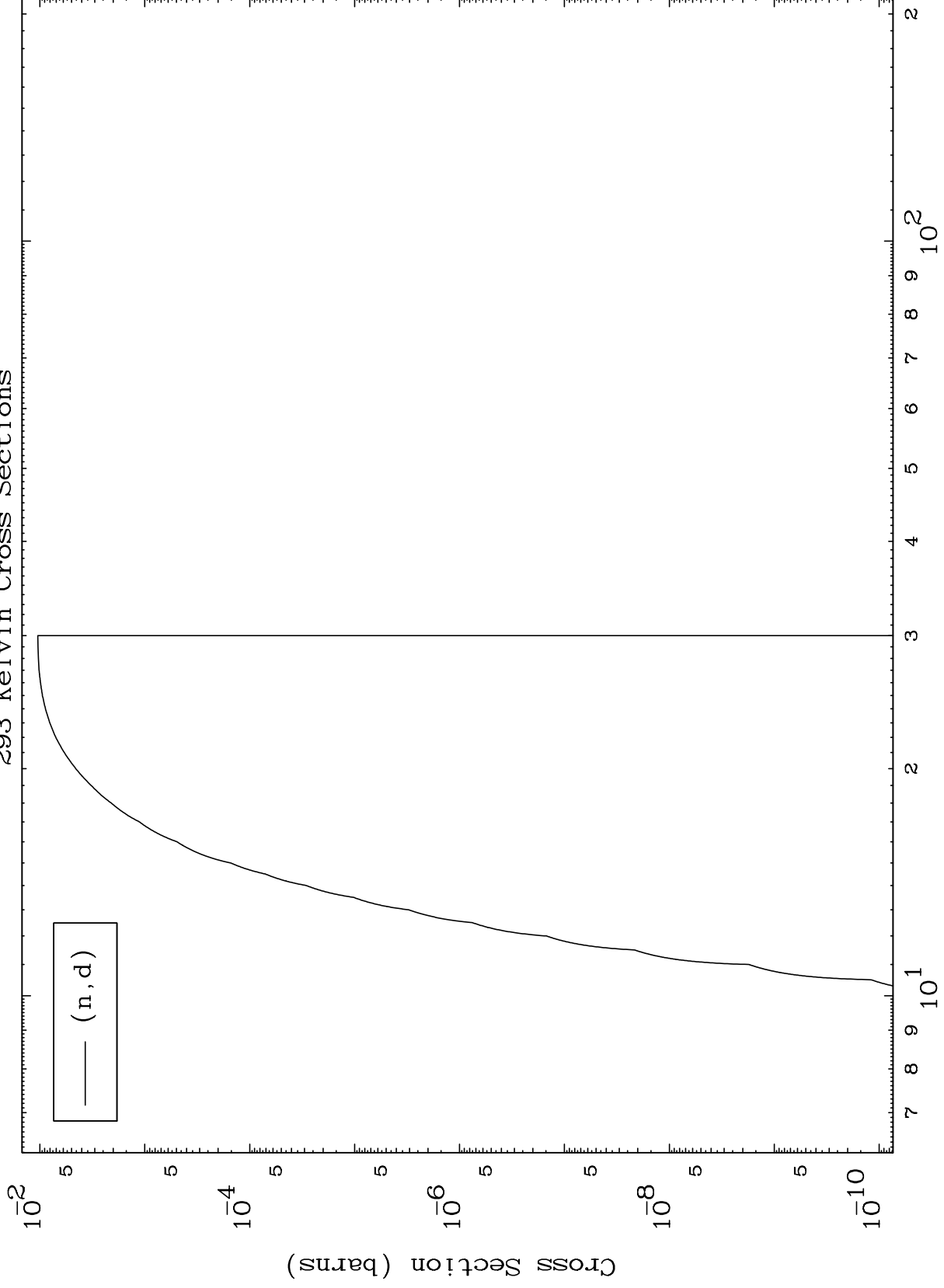
66-Dy-165m



MAT 6653

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-165m



13

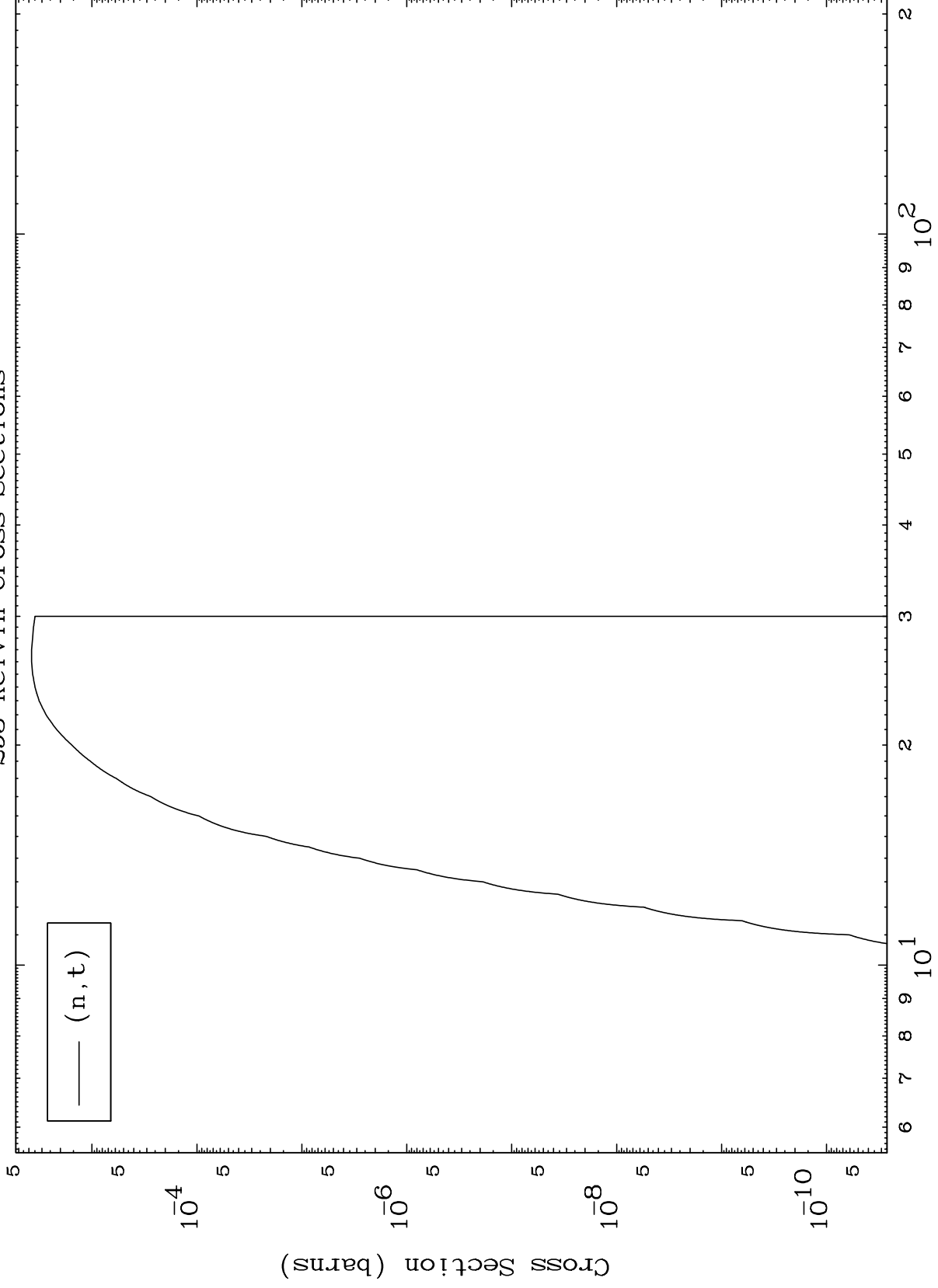
Incident Energy (MeV)

66-Dy-165m

MAT 6653

(n, t) Levels
293 Kelvin Cross Sections

66-Dy-165m



14

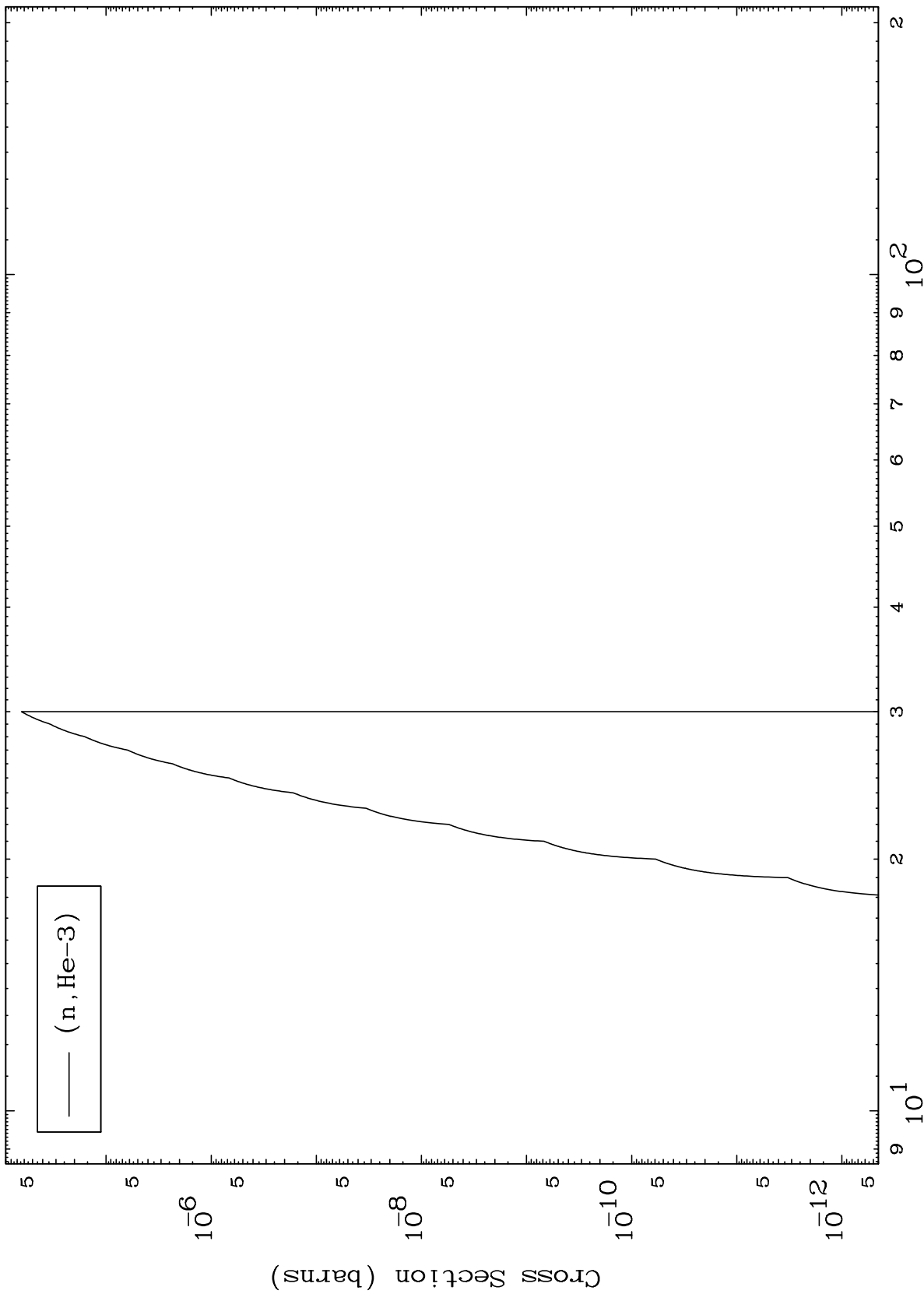
Incident Energy (MeV)

66-Dy-165m

MAT 6653

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-165m



Incident Energy (MeV)

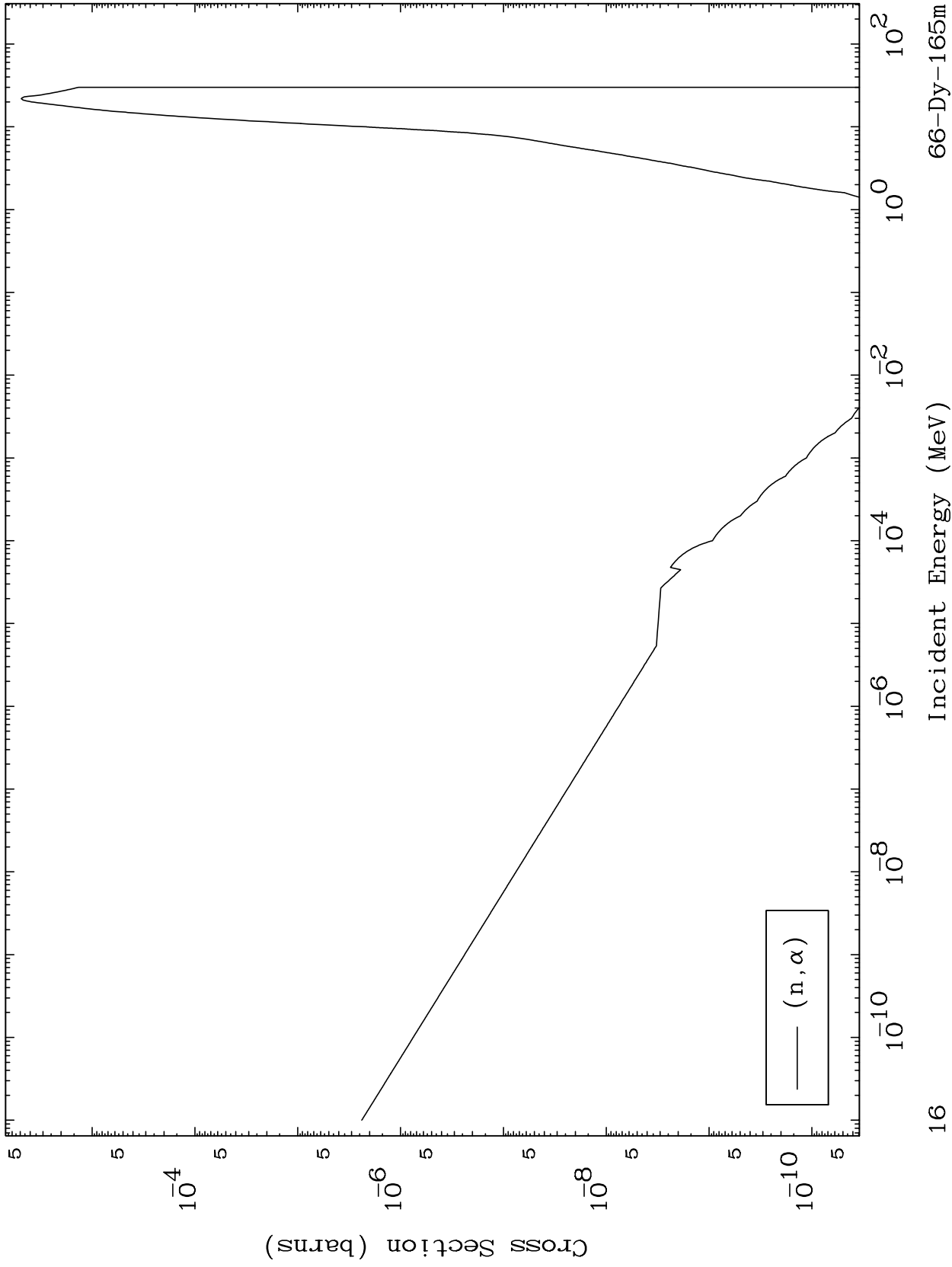
66-Dy-165m

15

MAT 6653

(n, α) Levels
293 Kelvin Cross Sections

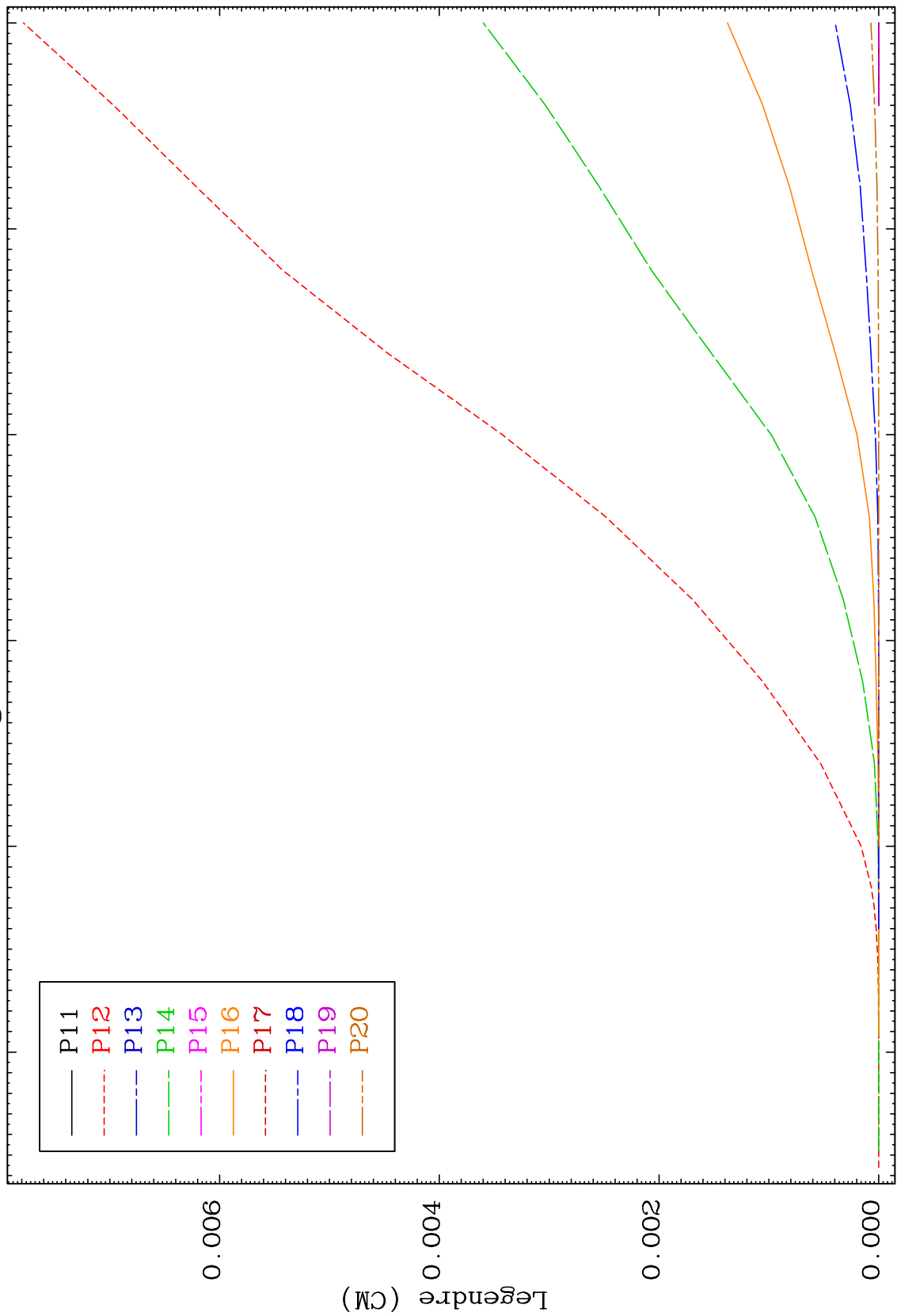
66-Dy-165m



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Elastic Legendre Coefficients

66-Dy-165m



18

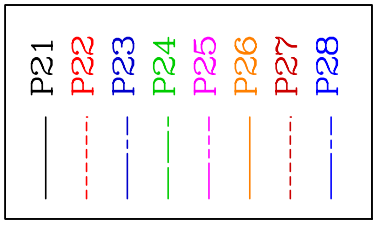
Incident Energy (MeV)

66-Dy-165m

MAT 6653

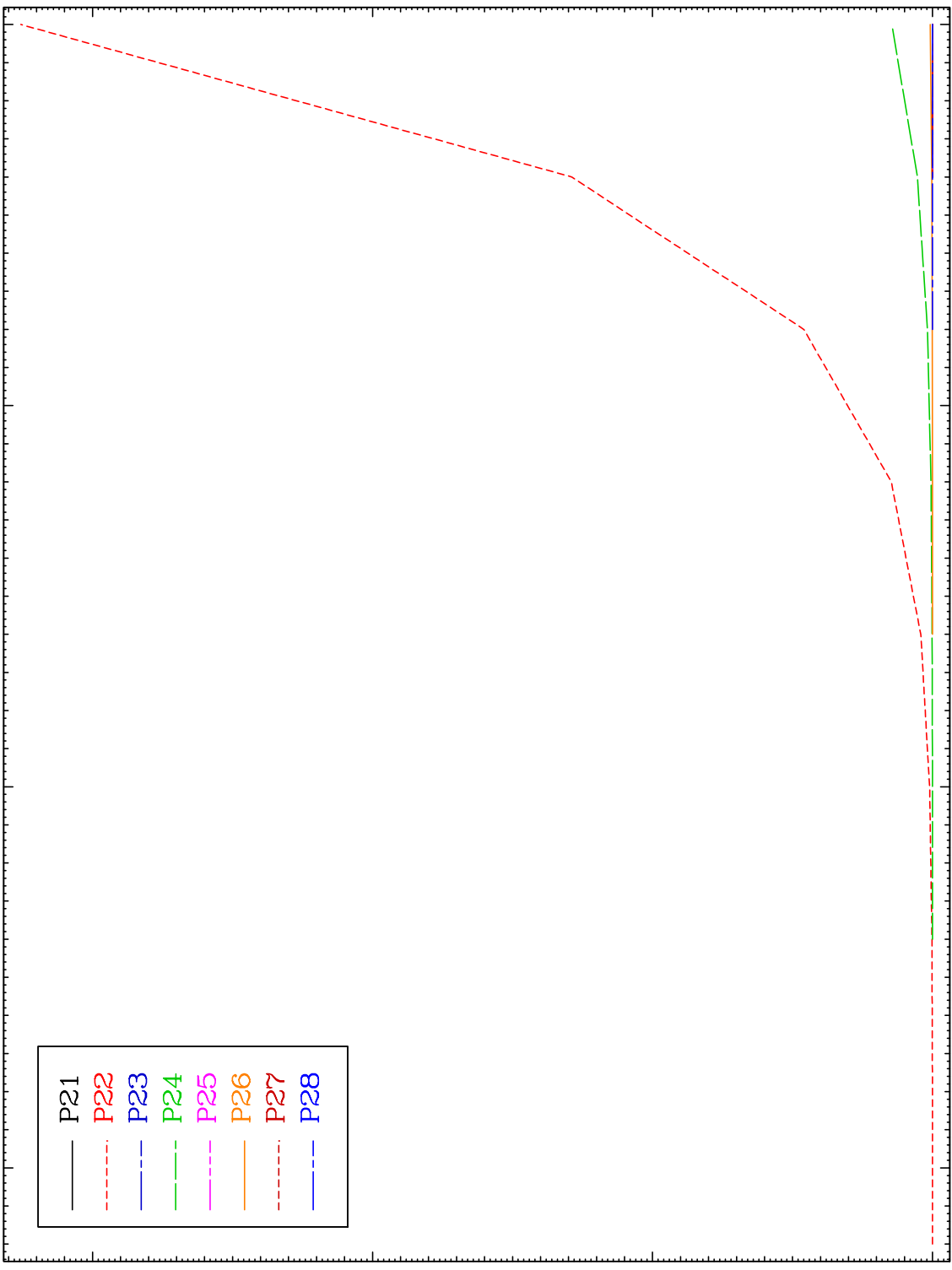
Elastic Legendre Coefficients

66-Dy-165m



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

19

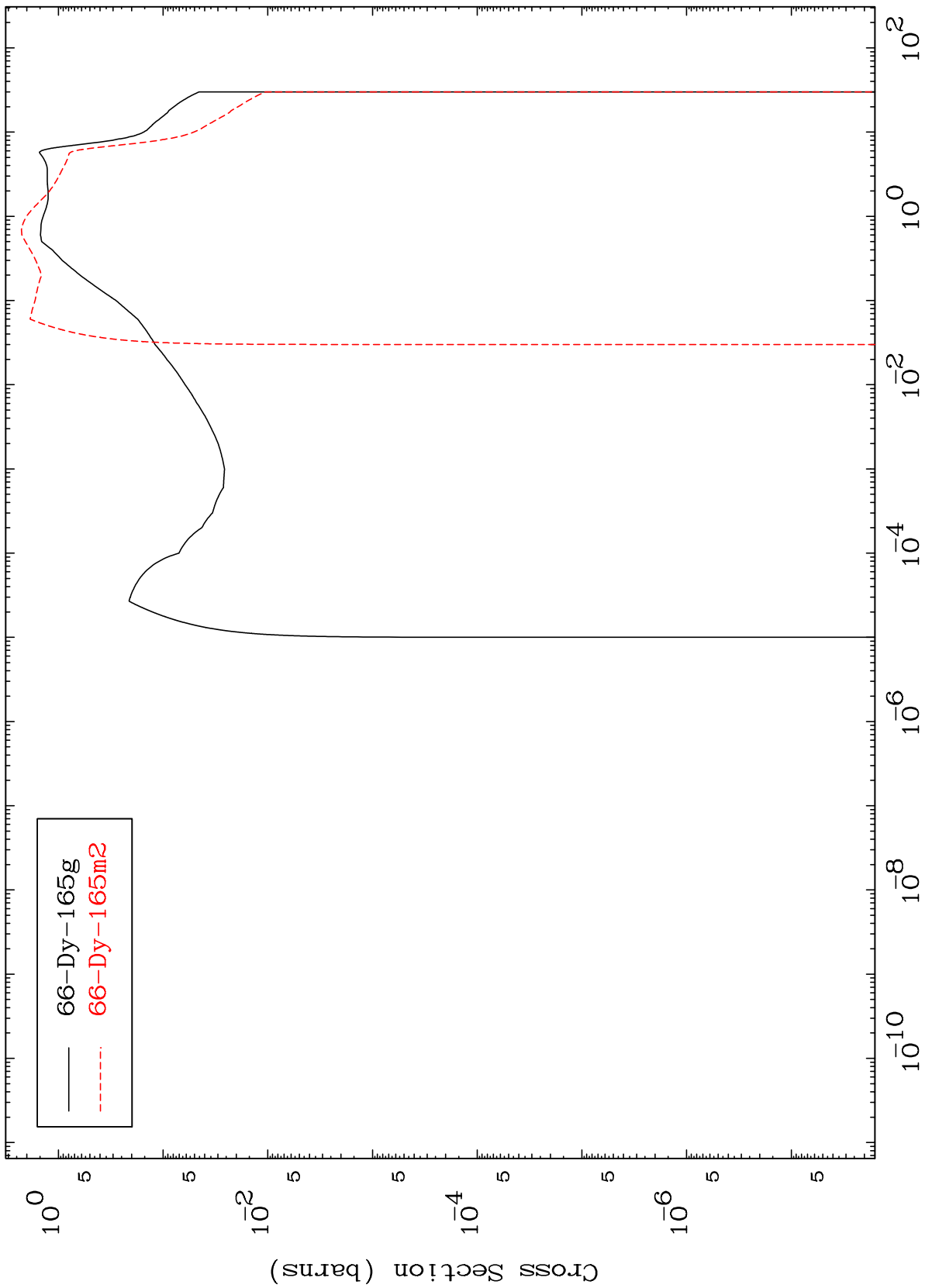
Incident Energy (MeV)

66-Dy-165m

MAT 6653

66-Dy-165m

Inelastic
Radionuclide Production Cross Section



66-Dy-165g
66-Dy-165m2