

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

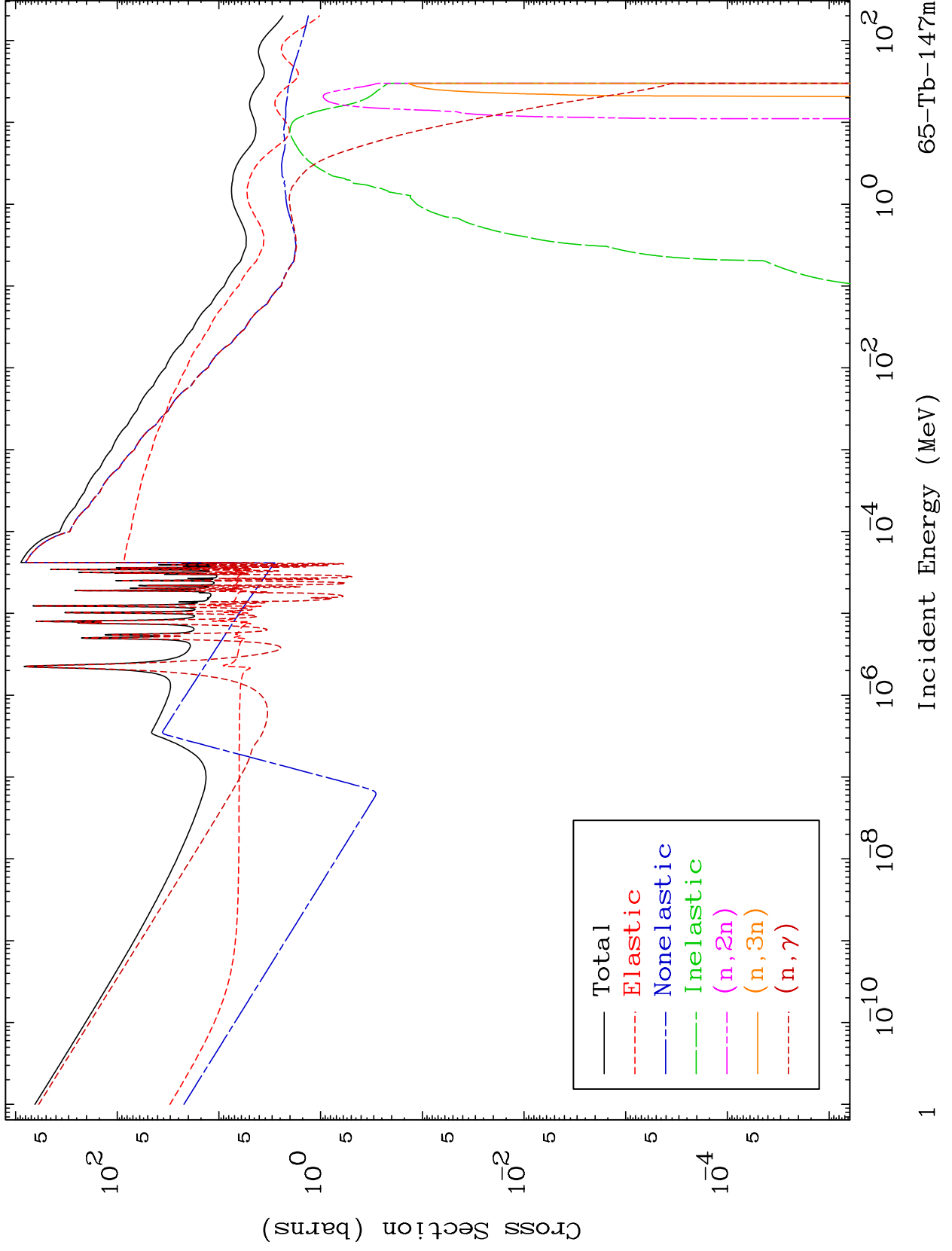
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6490

Neutron Major
293 Kelvin Cross Sections

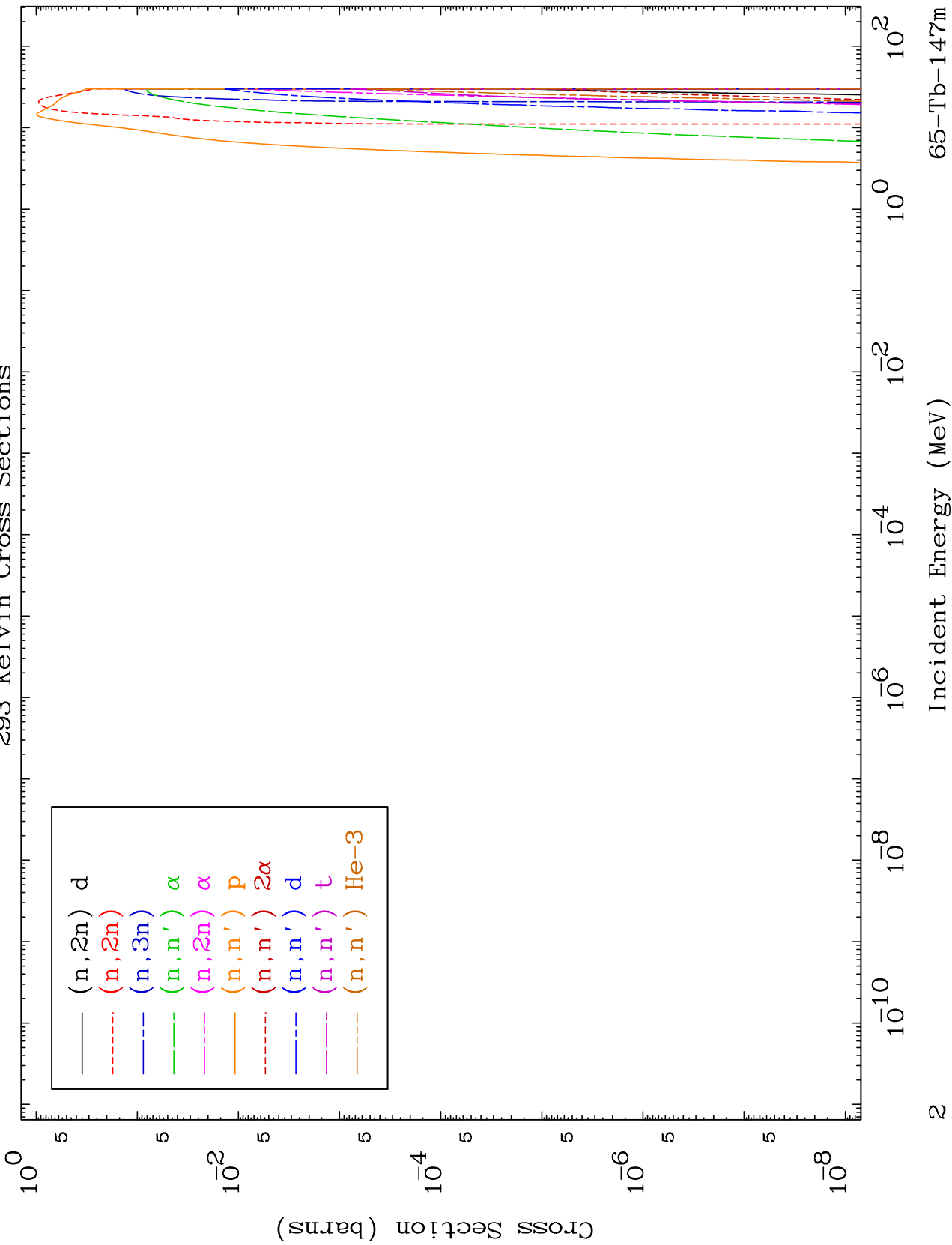
65-Tb-147m



MAT 6490

Neutron Absorption
293 Kelvin Cross Sections

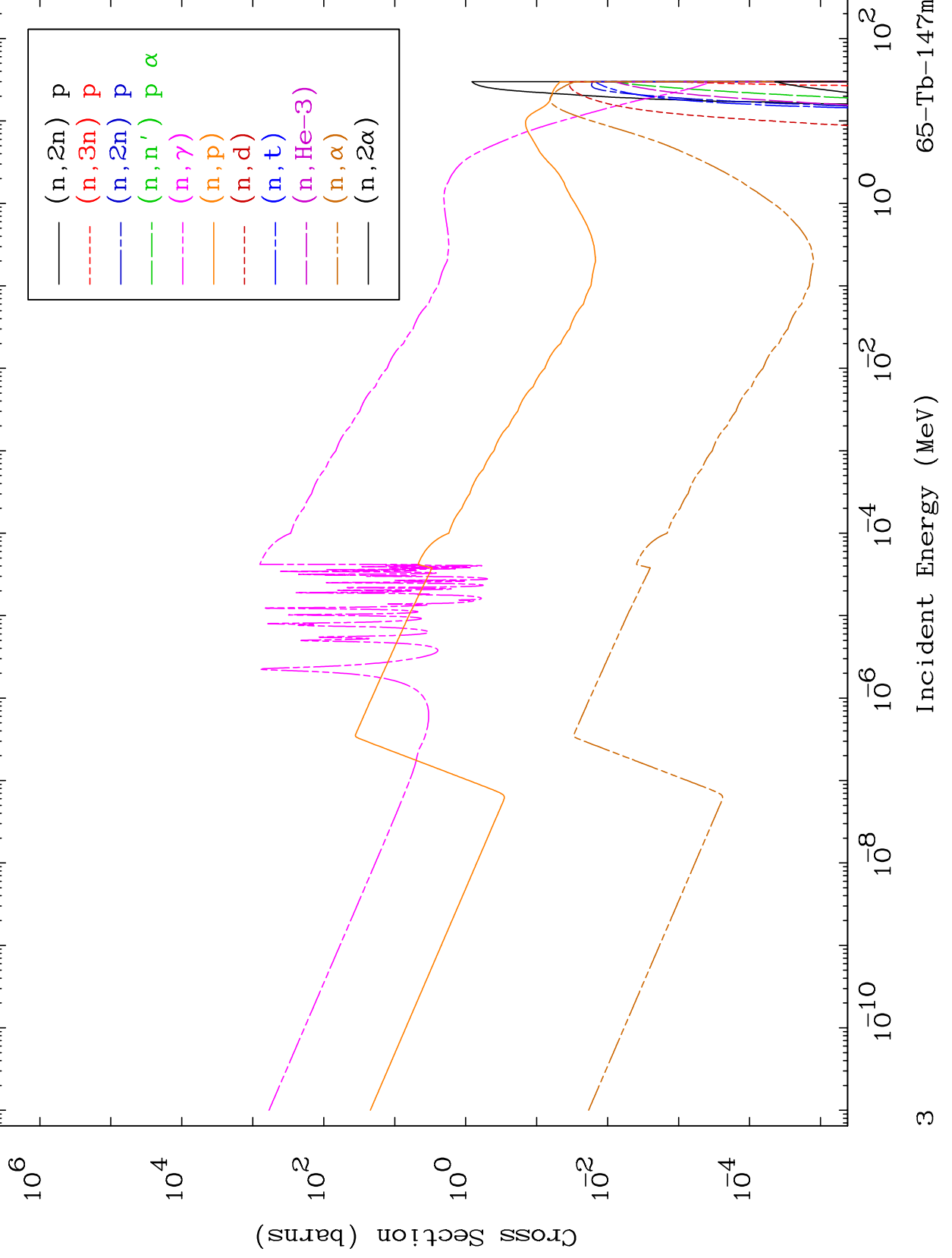
65-Tb-147m



MAT 6490

Neutron Absorption
293 Kelvin Cross Sections

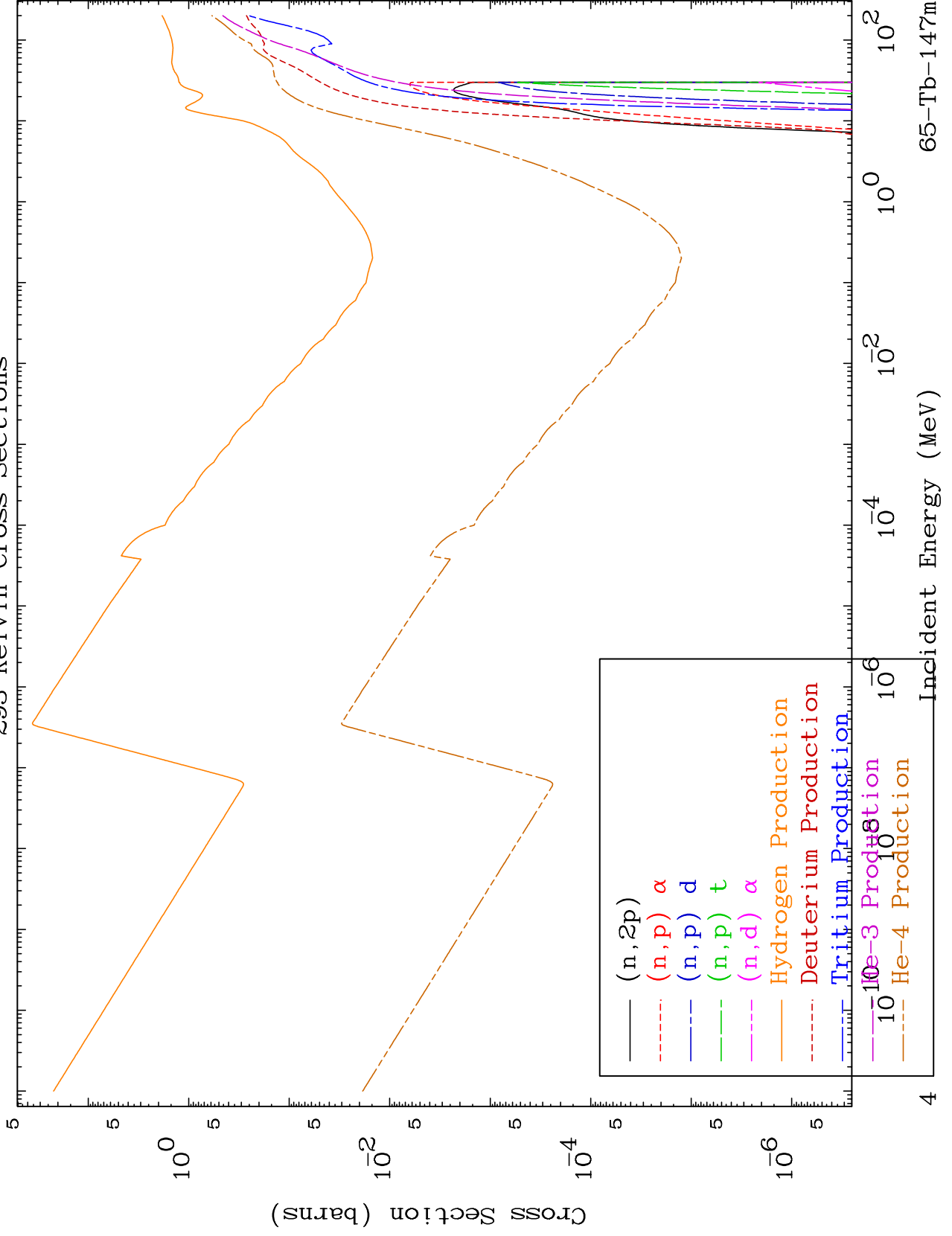
65-Tb-147m



MAT 6490

Neutron Absorption
293 Kelvin Cross Sections

65-Tb-147m



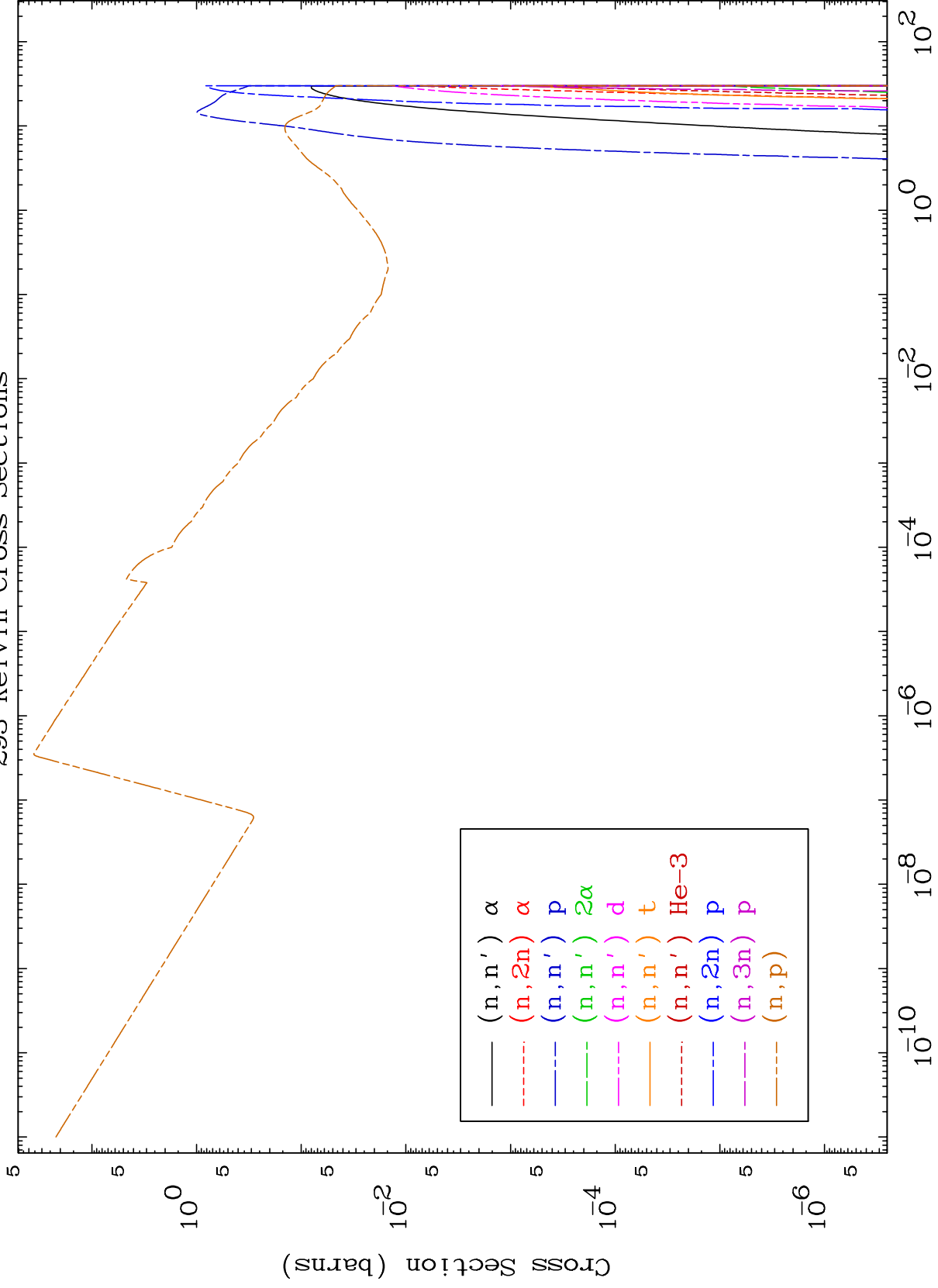
Incident Energy (MeV)

65-Tb-147m

MAT 6490

Charged Particle
293 Kelvin Cross Sections

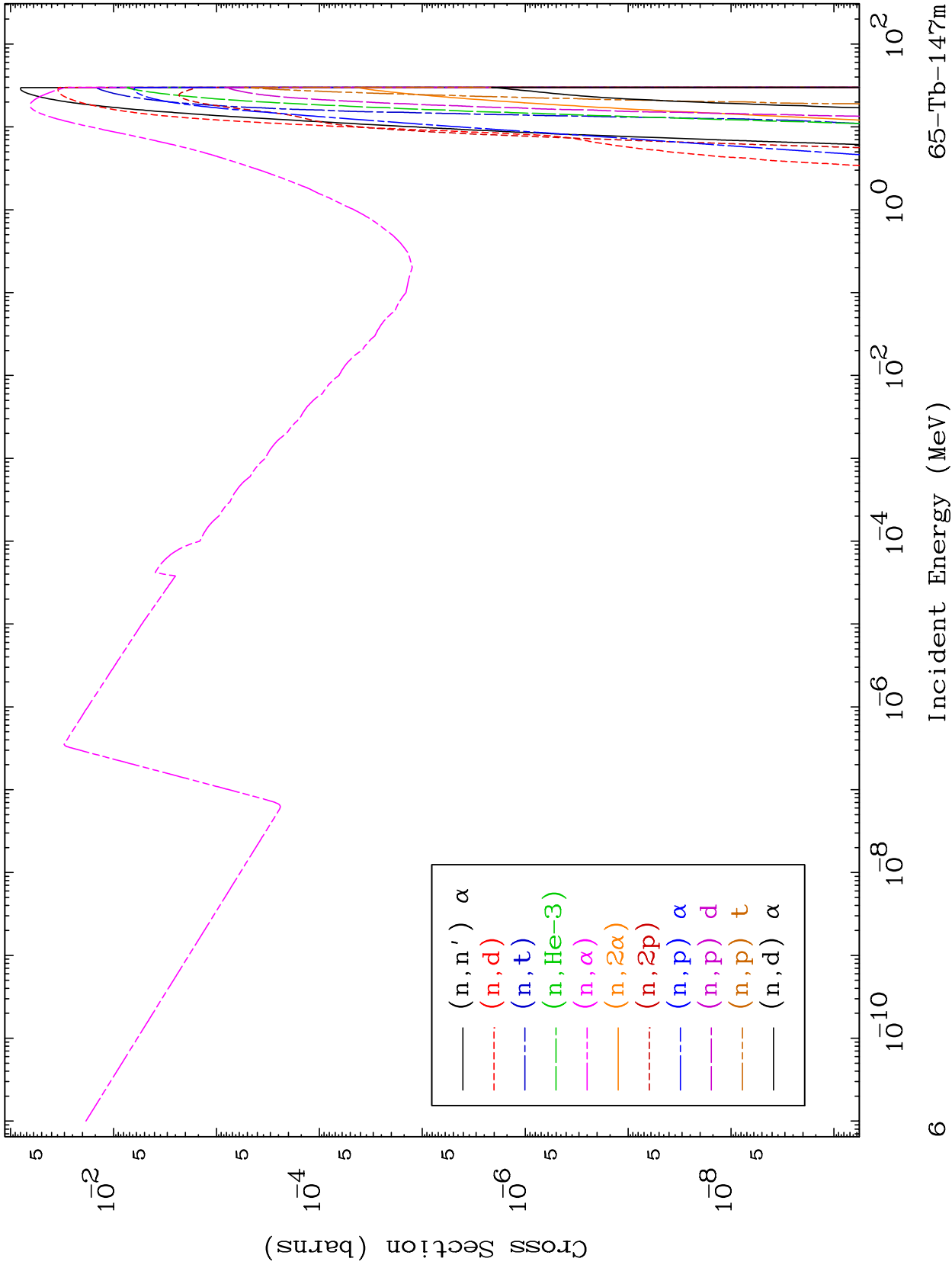
65-Tb-147m



MAT 6490

Charged Particle
293 Kelvin Cross Sections

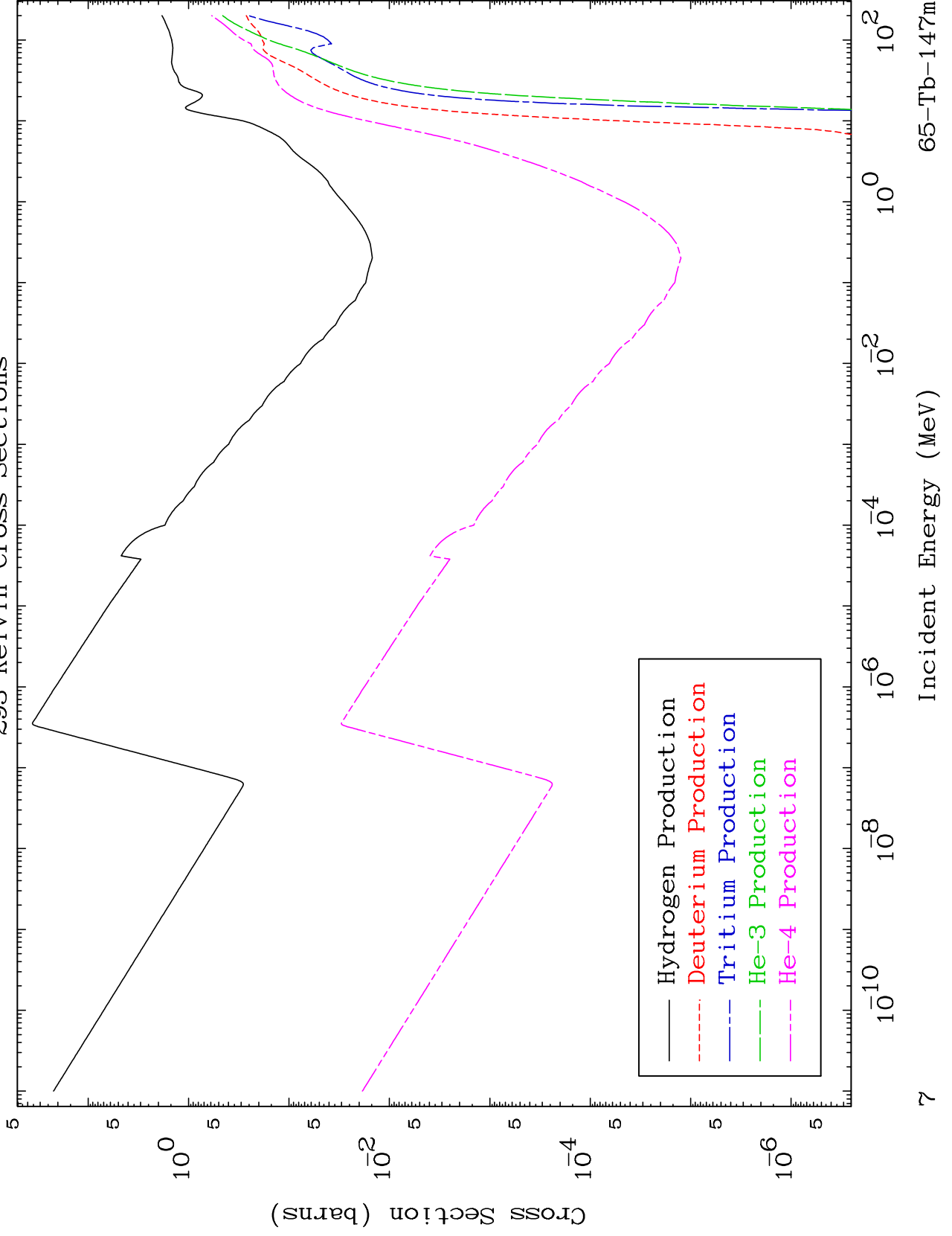
65-Tb-147m



MAT 6490

Particle Production
293 Kelvin Cross Sections

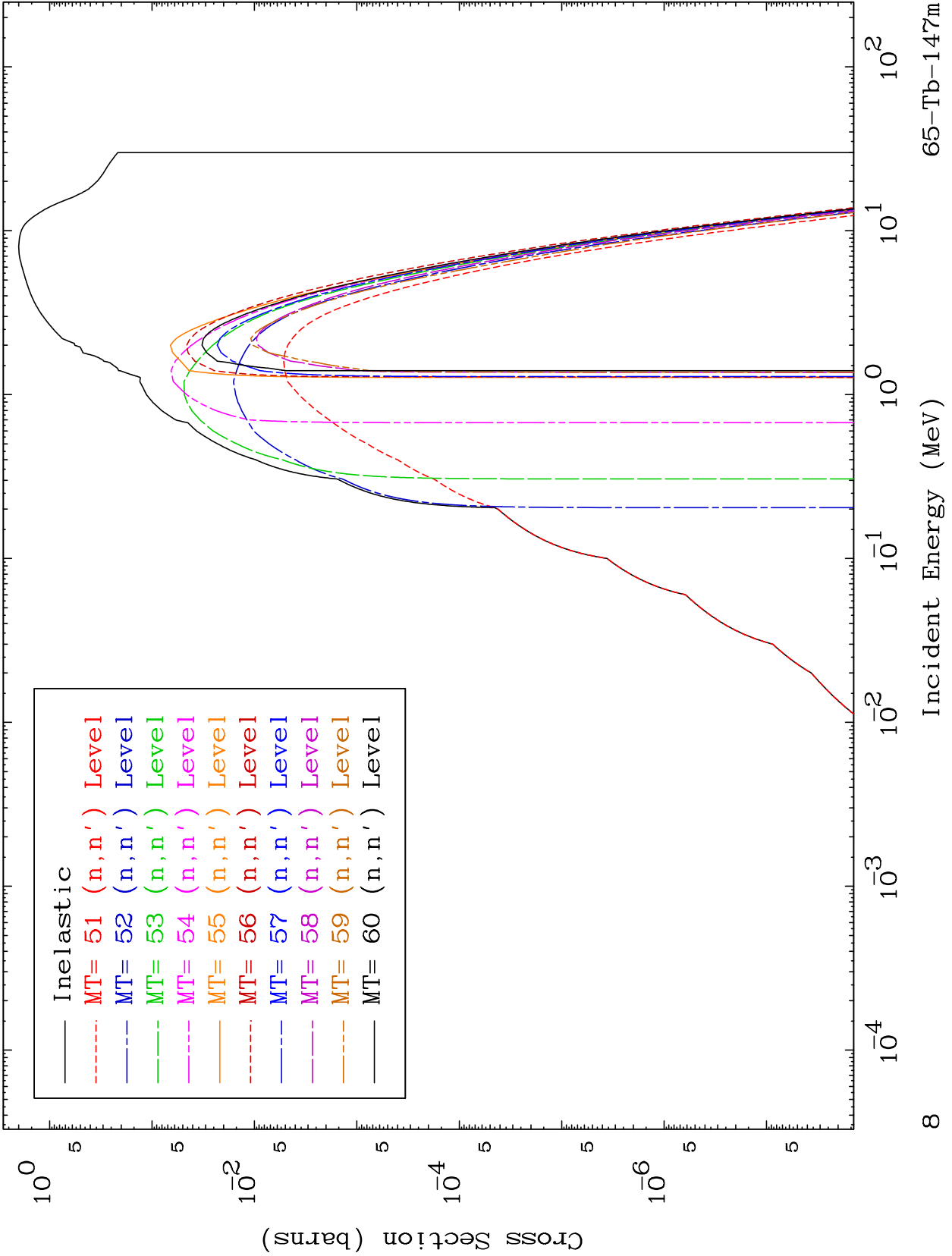
65-Tb-147m



MAT 6490

293 Kelvin Cross Sections
(n,n') Levels

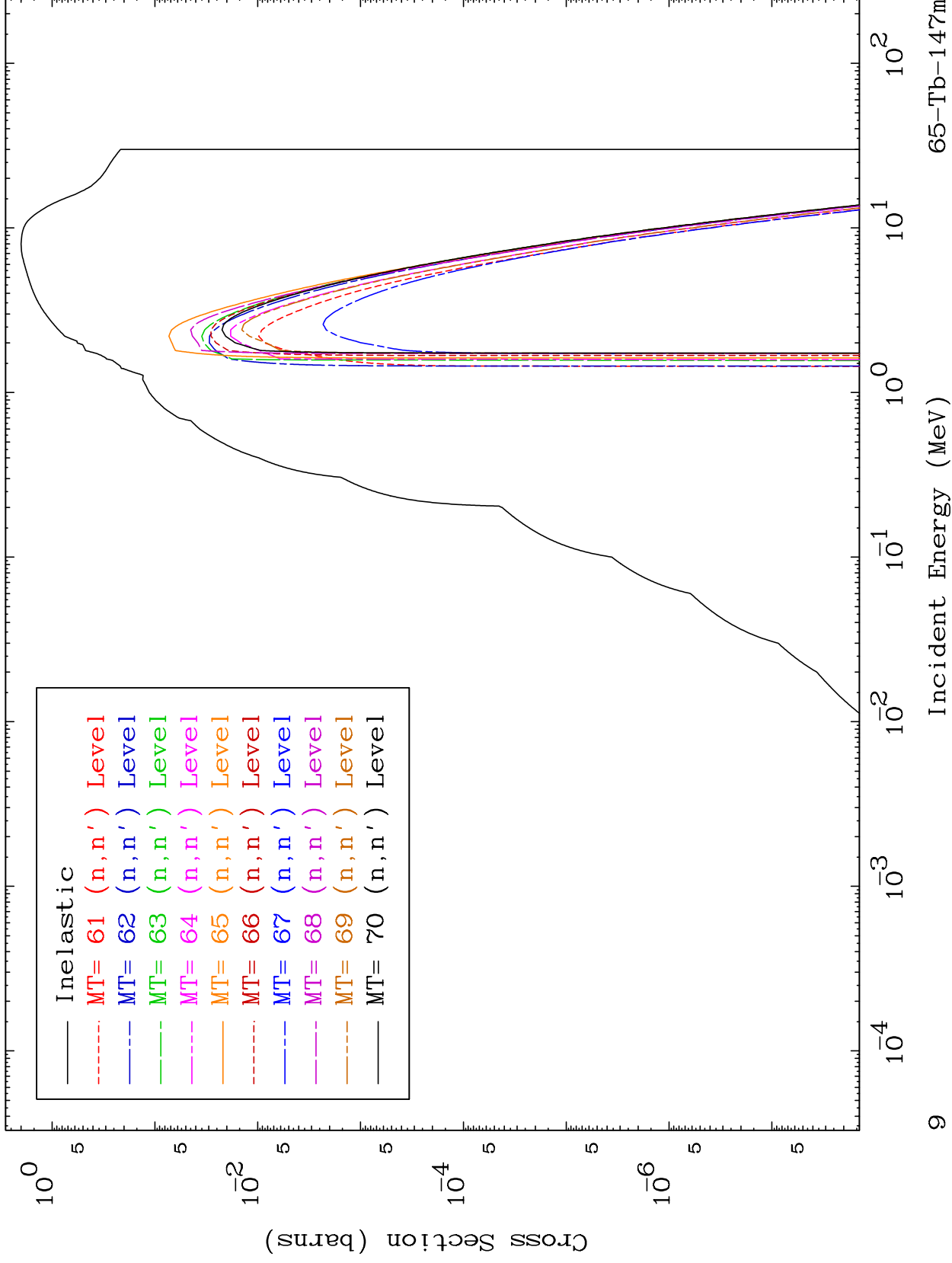
65-Tb-147m



MAT 6490

293 (n,n') Levels
Kelvin Cross Sections

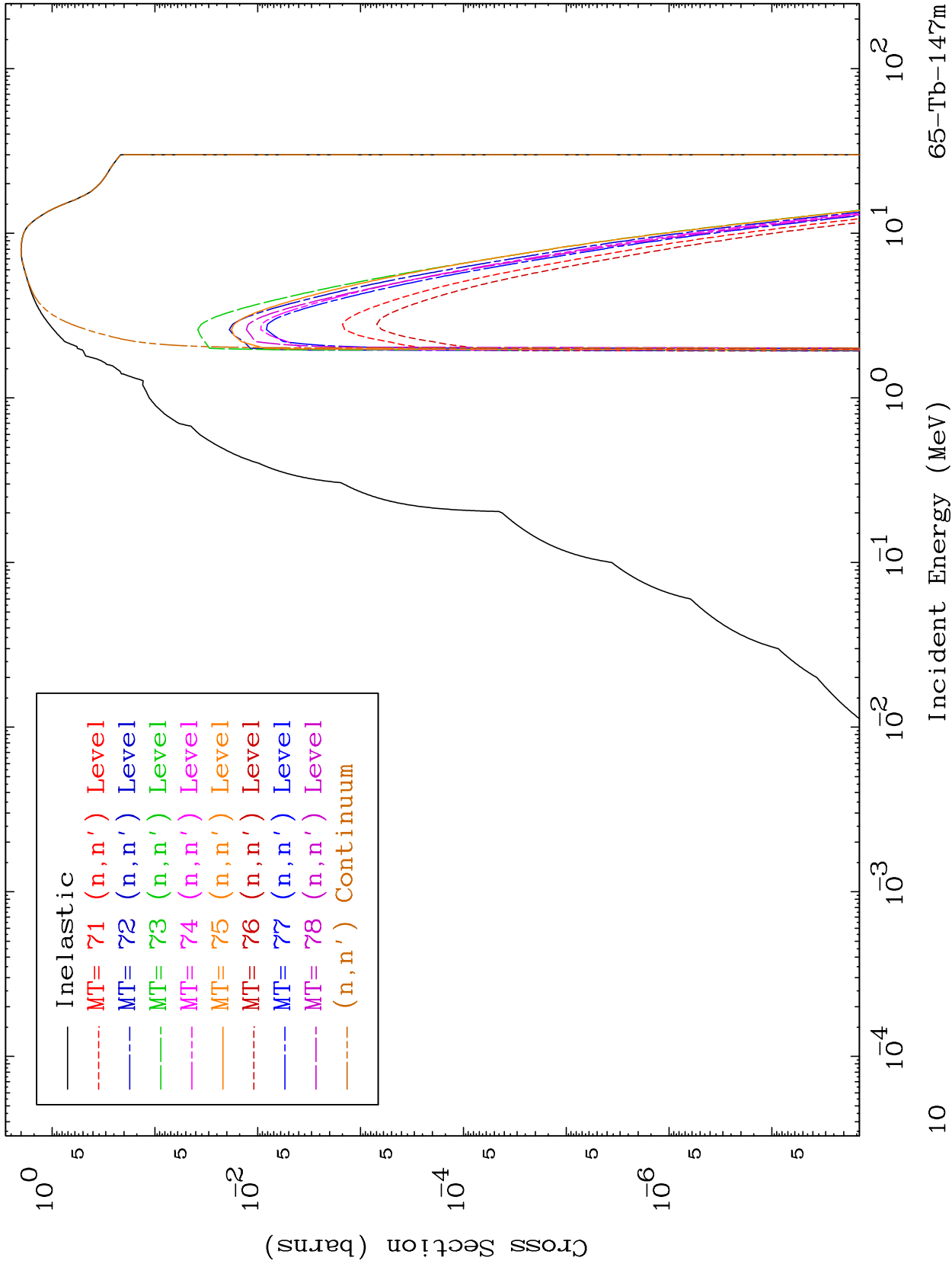
65-Tb-147m



MAT 6490

293 (n,n') Levels
Kelvin Cross Sections

65-Tb-147m



10

10⁻²

10⁻¹

10⁰

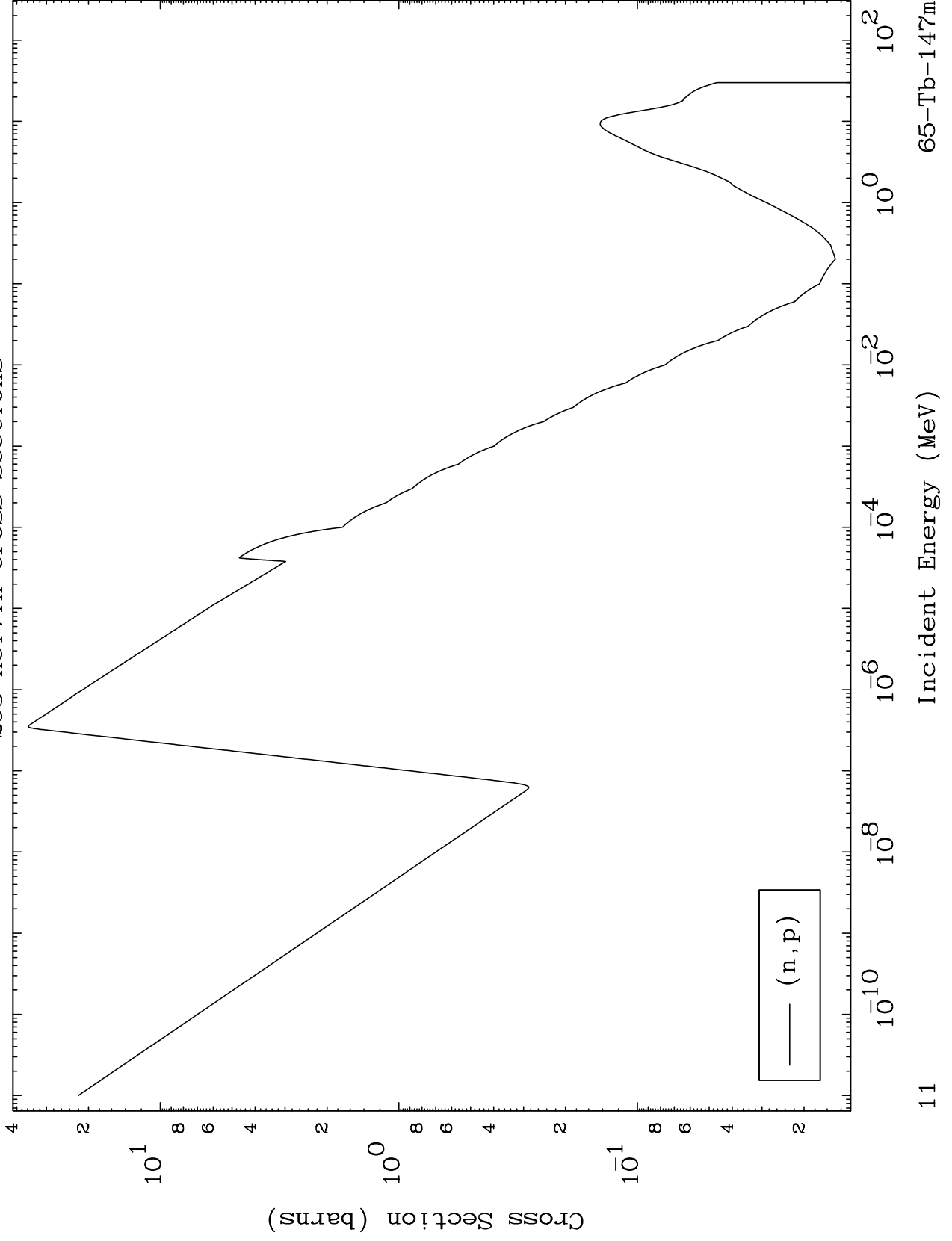
10¹

10²

MAT 6490

(n,p) Levels
293 Kelvin Cross Sections

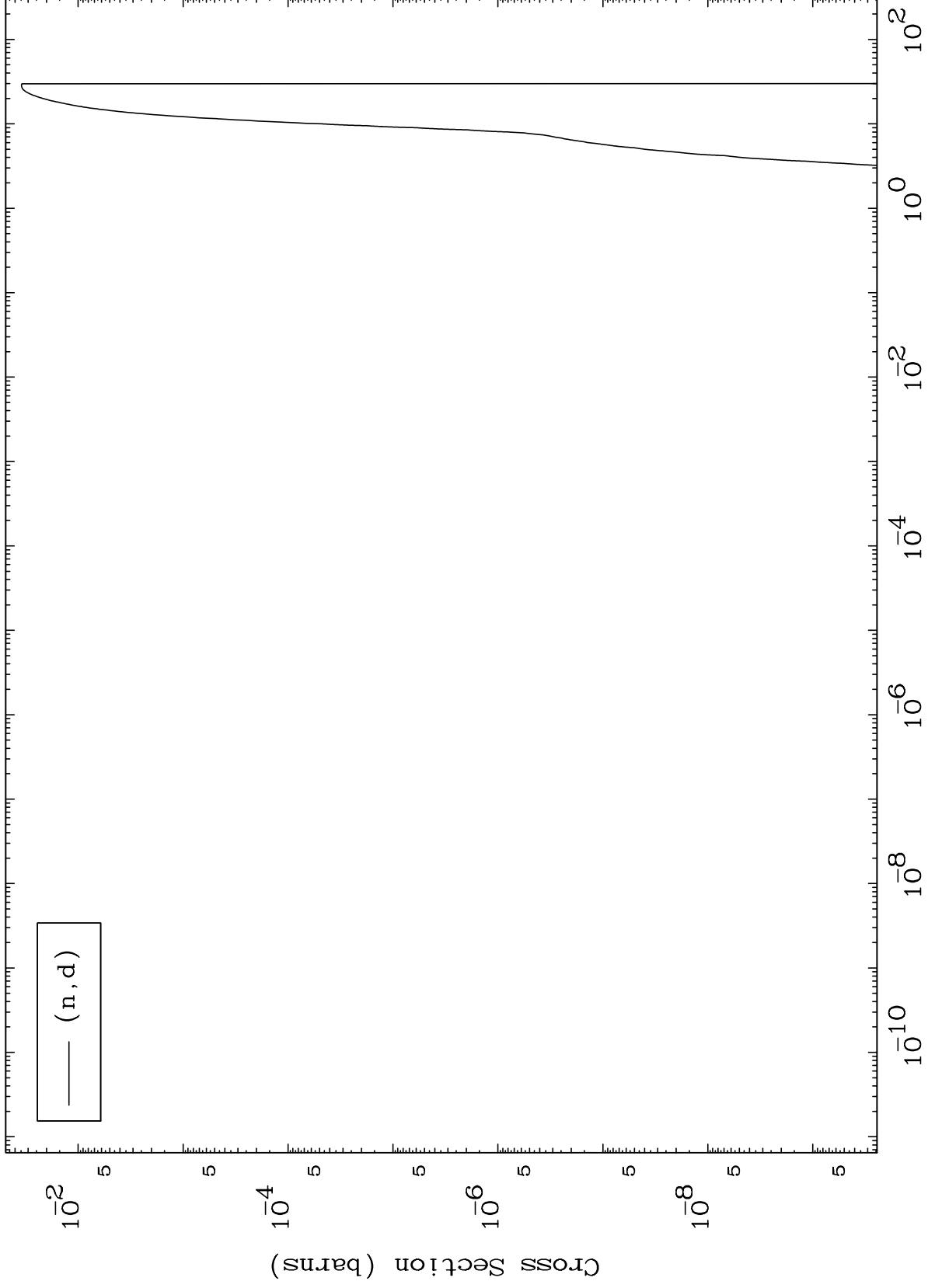
65-Tb-147m



MAT 6490

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-147m



12

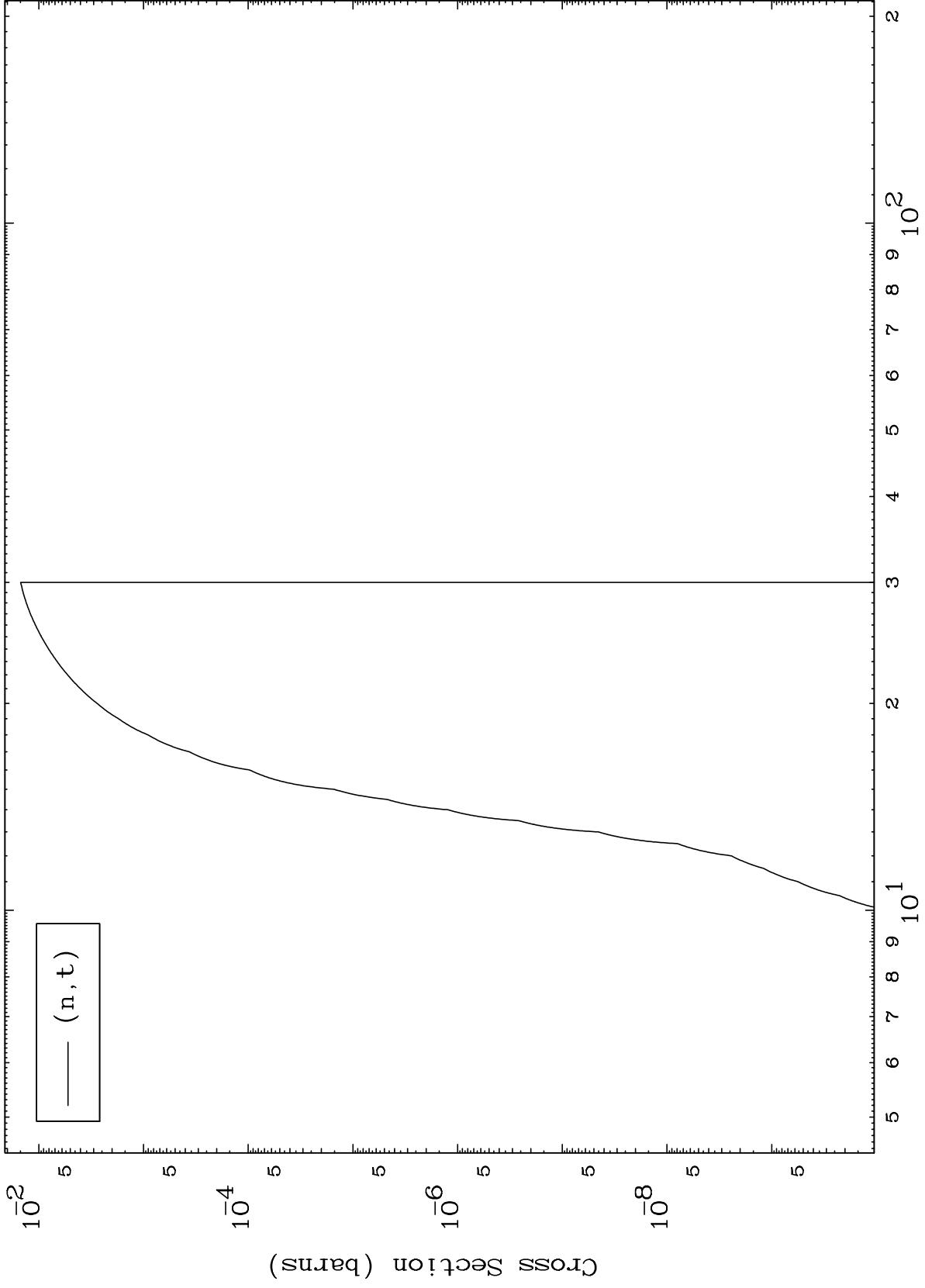
Incident Energy (MeV)

65-Tb-147m

MAT 6490

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-147m



13

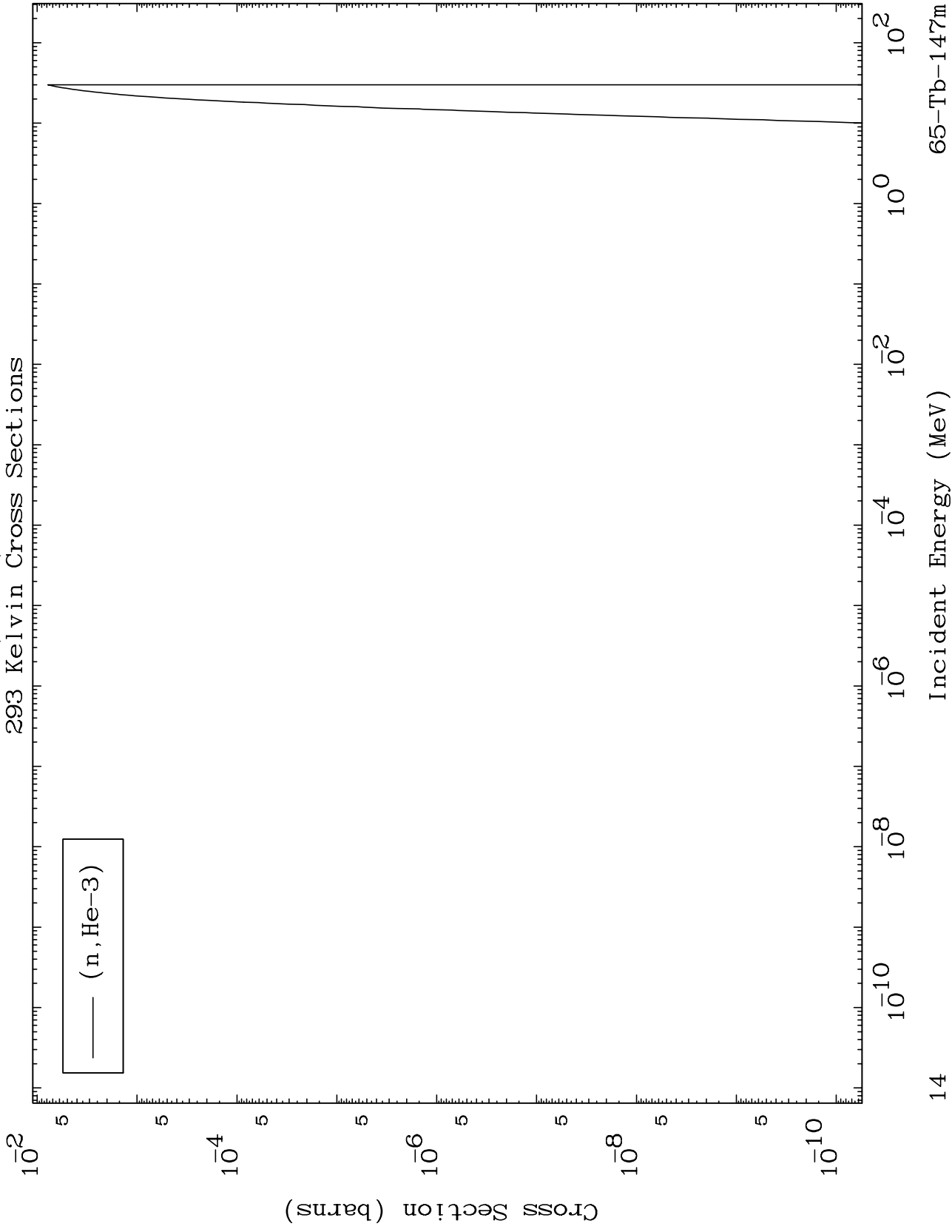
Incident Energy (MeV)

65-Tb-147m

MAT 6490

(n,He3) Levels
293 Kelvin Cross Sections

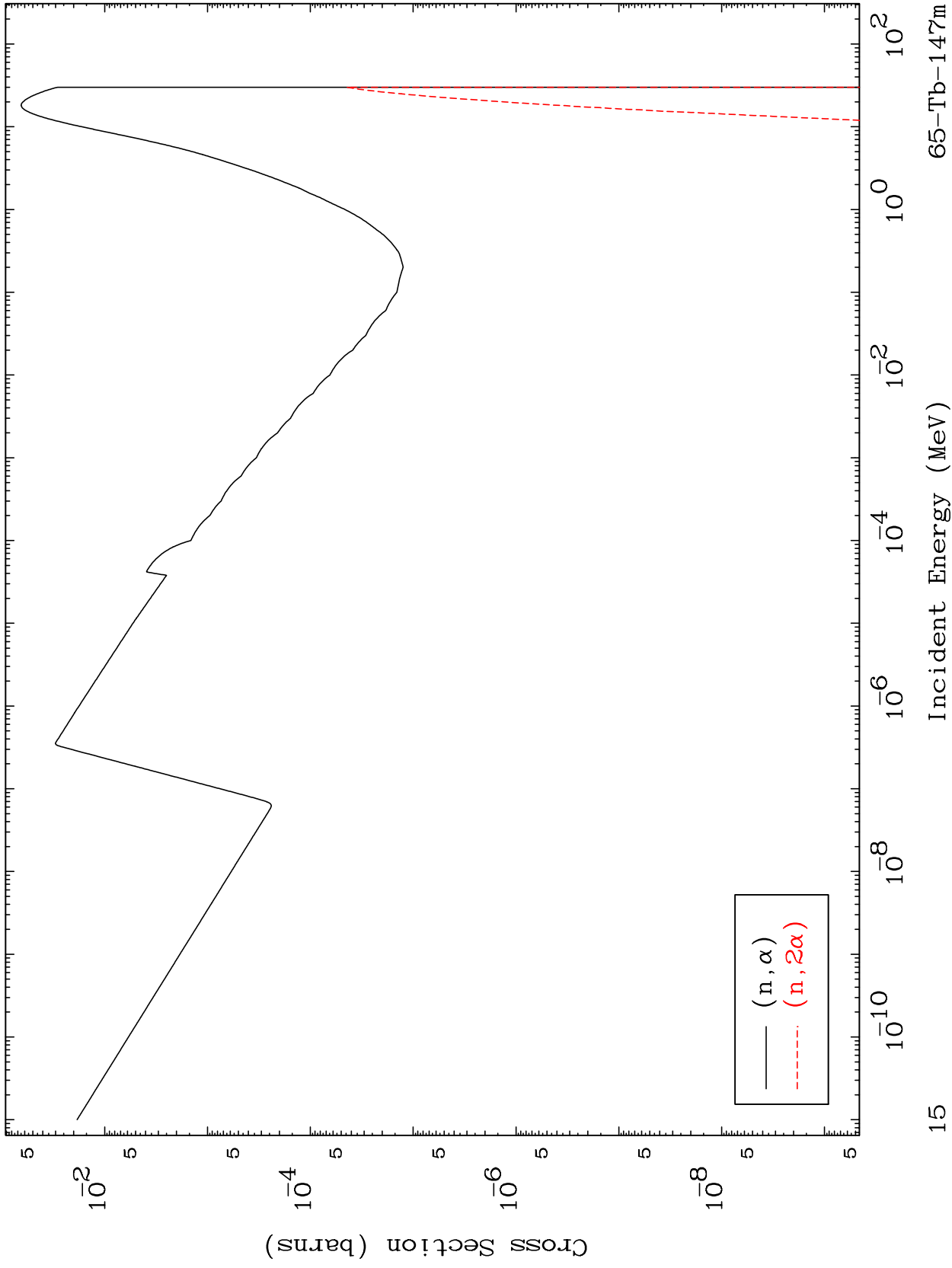
65-Tb-147m



MAT 6490

(n, α) Levels
293 Kelvin Cross Sections

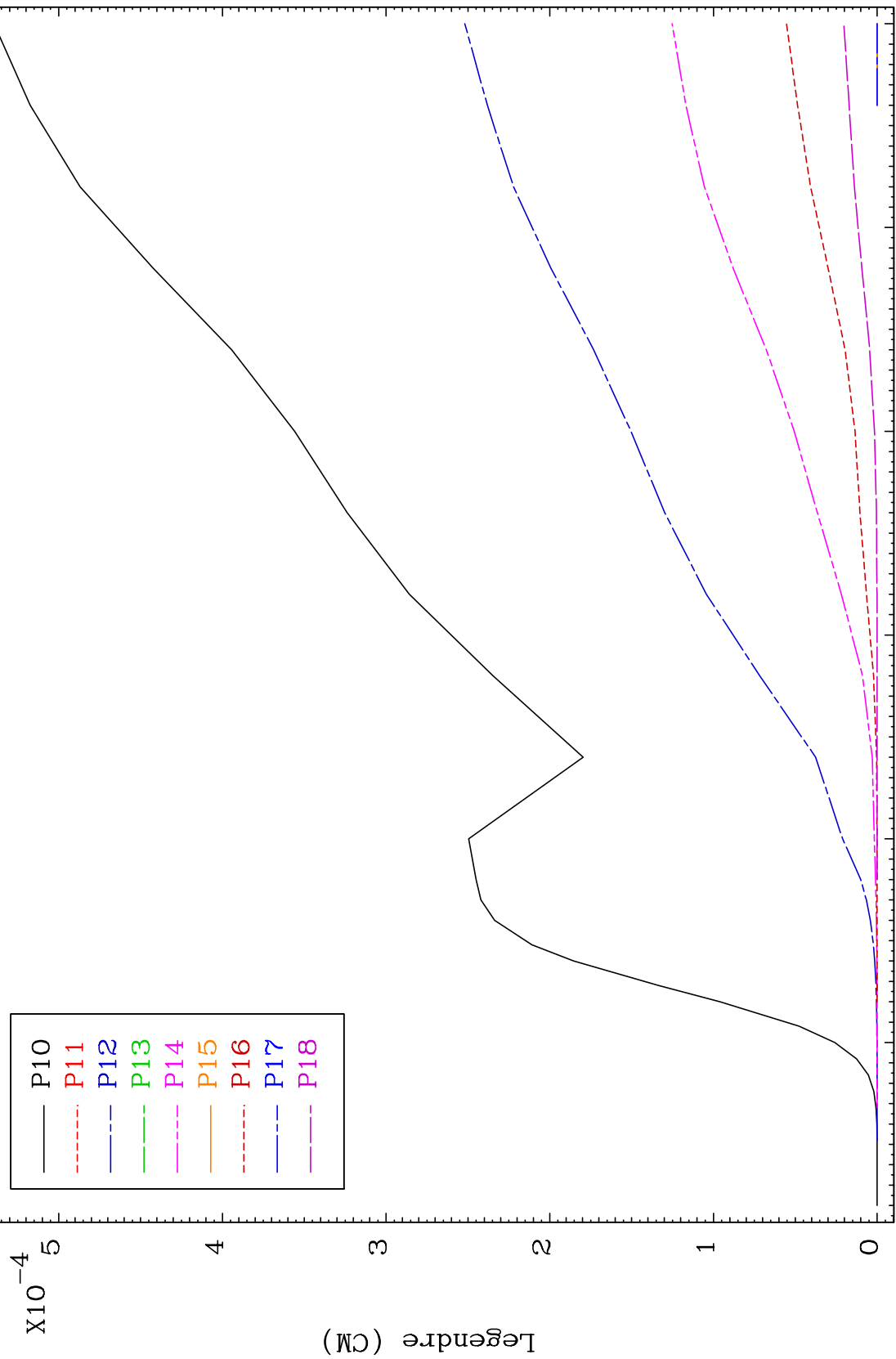
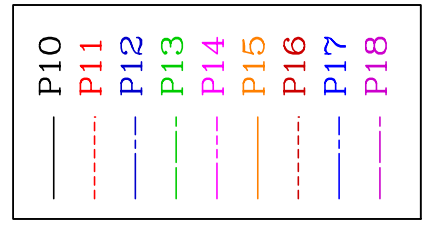
65-Tb-147m



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Elastic Legendre Coefficients

65-Tb-147m



17

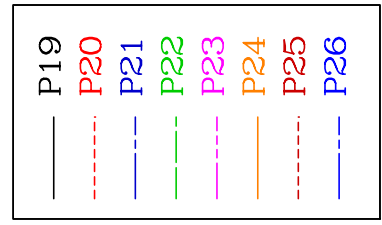
Incident Energy (MeV)

65-Tb-147m

MAT 6490

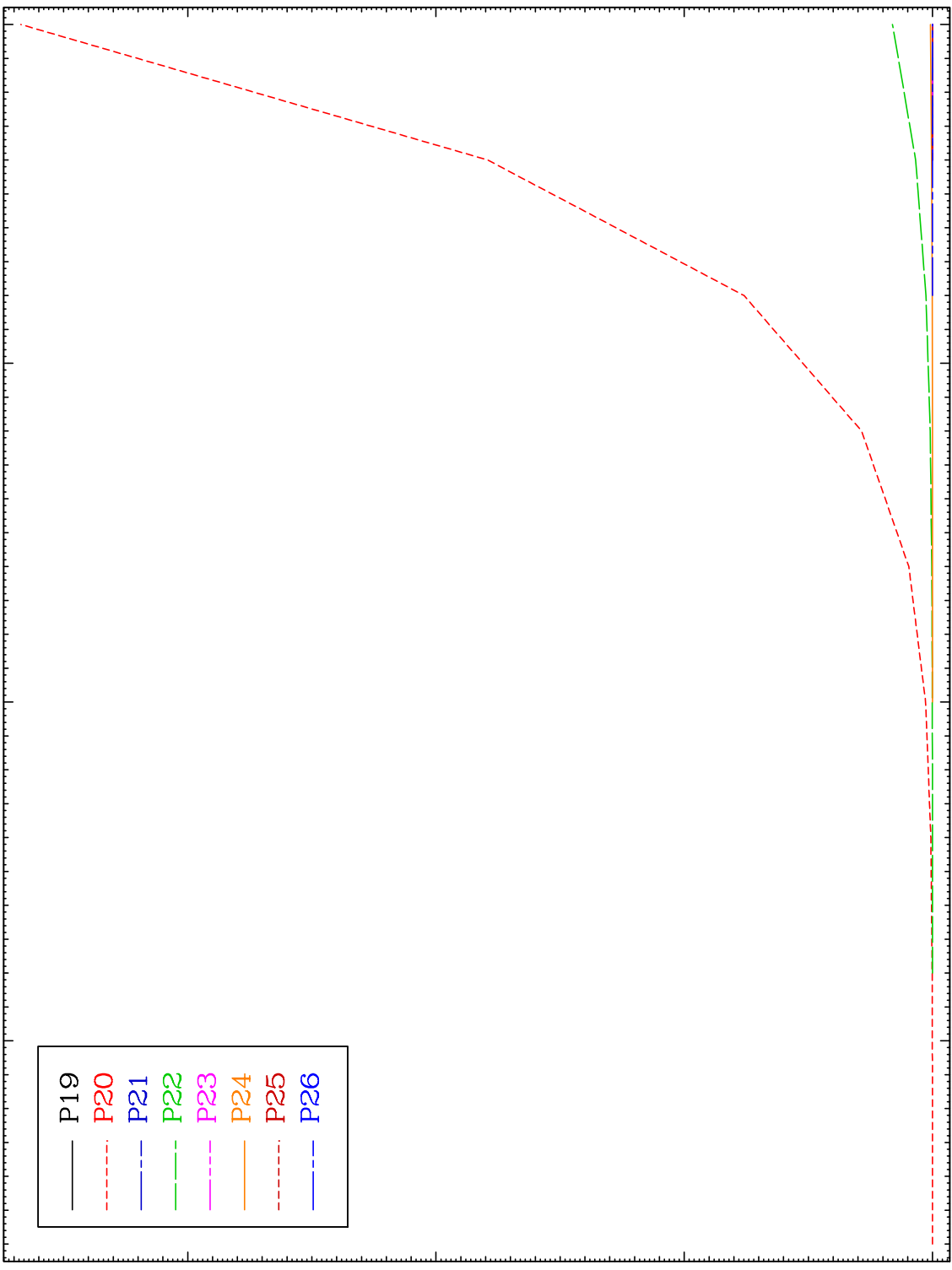
Elastic Legendre Coefficients

65-Tb-147m



$\times 10^{-6}$

Legendre (CM)



18

Incident Energy (MeV)

65-Tb-147m

30

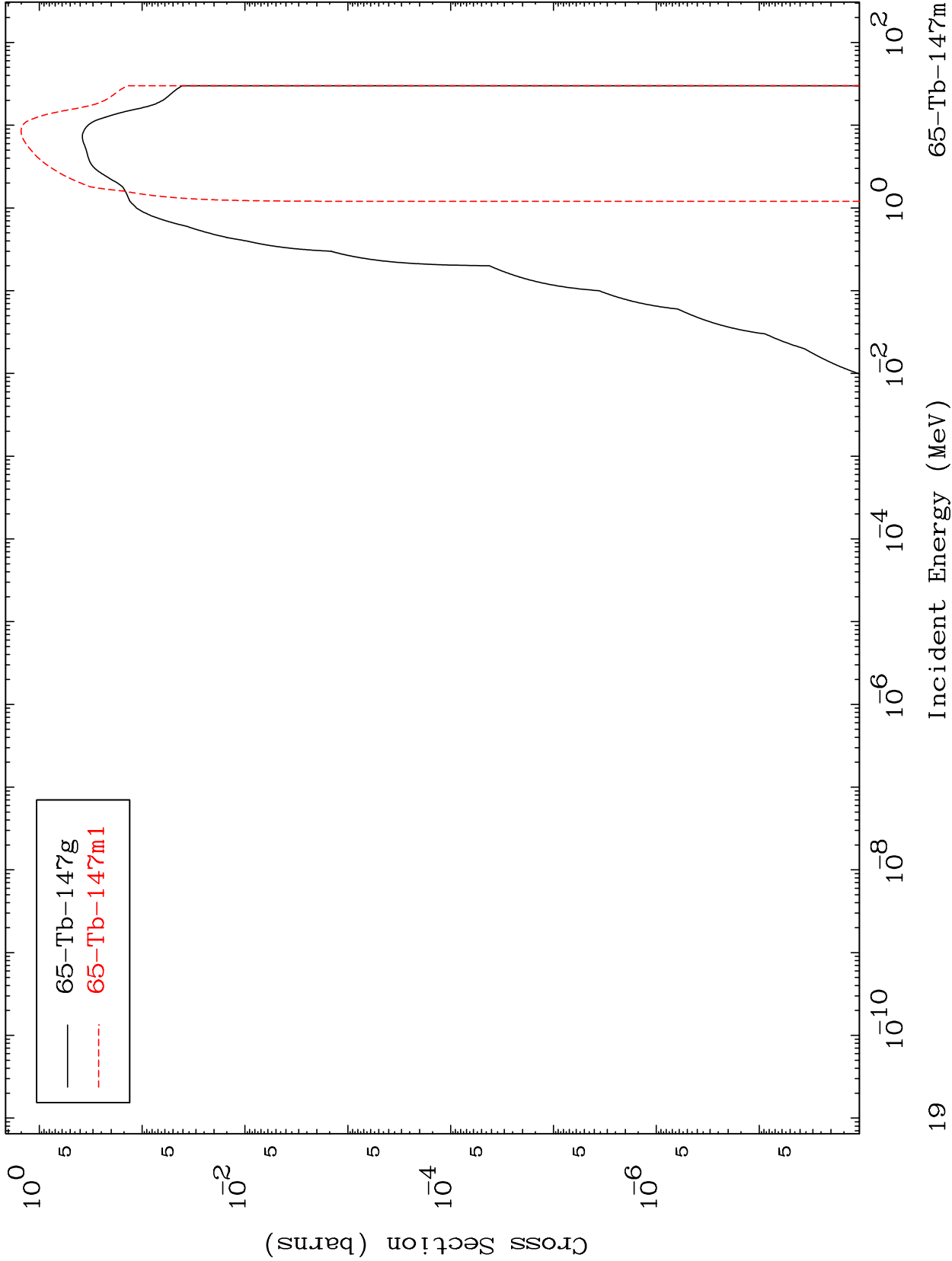
20

25

MAT 6490

Inelastic
Radionuclide Production Cross Section

65-Tb-147m

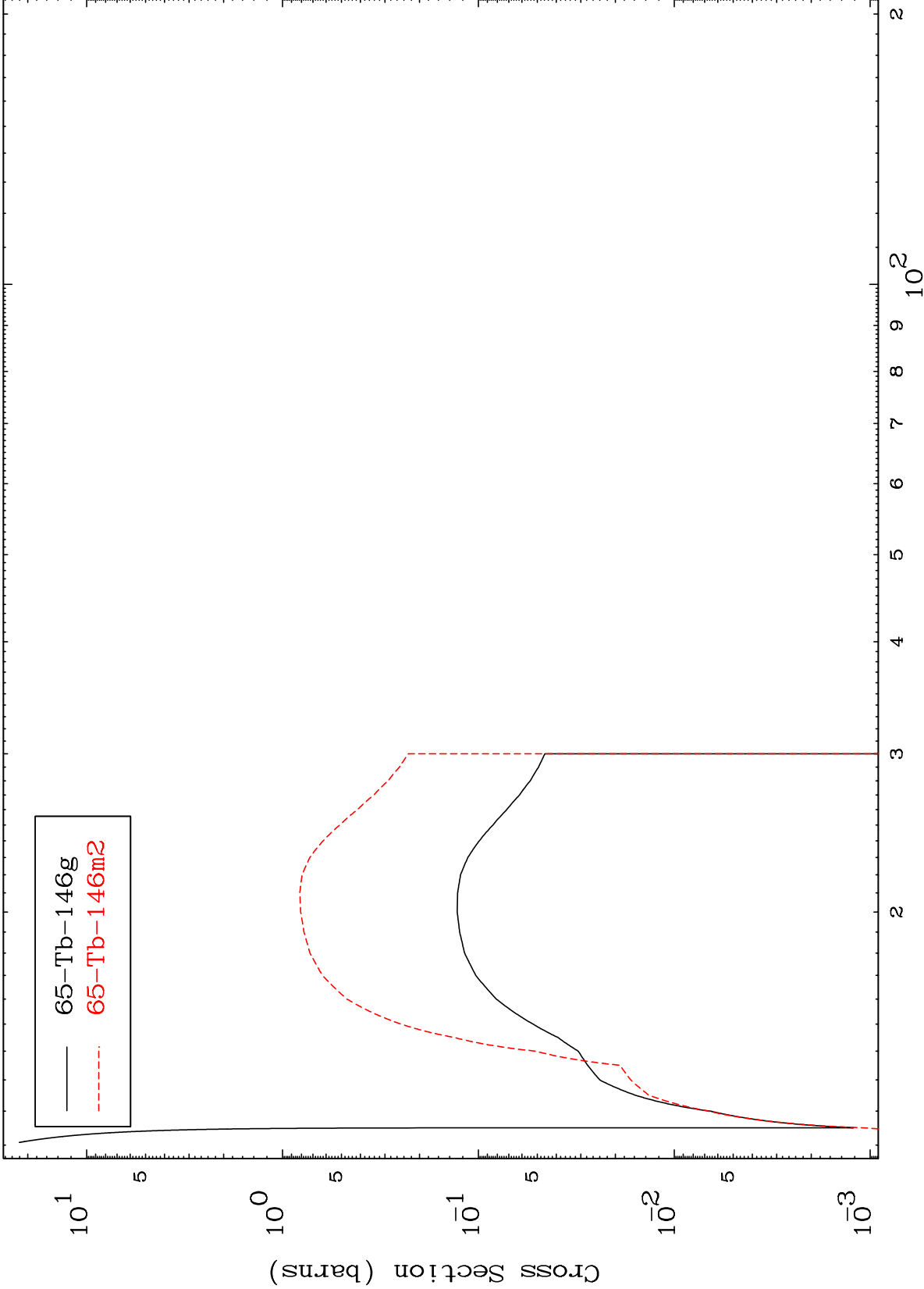


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(n,2n)

65-Tb-147m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

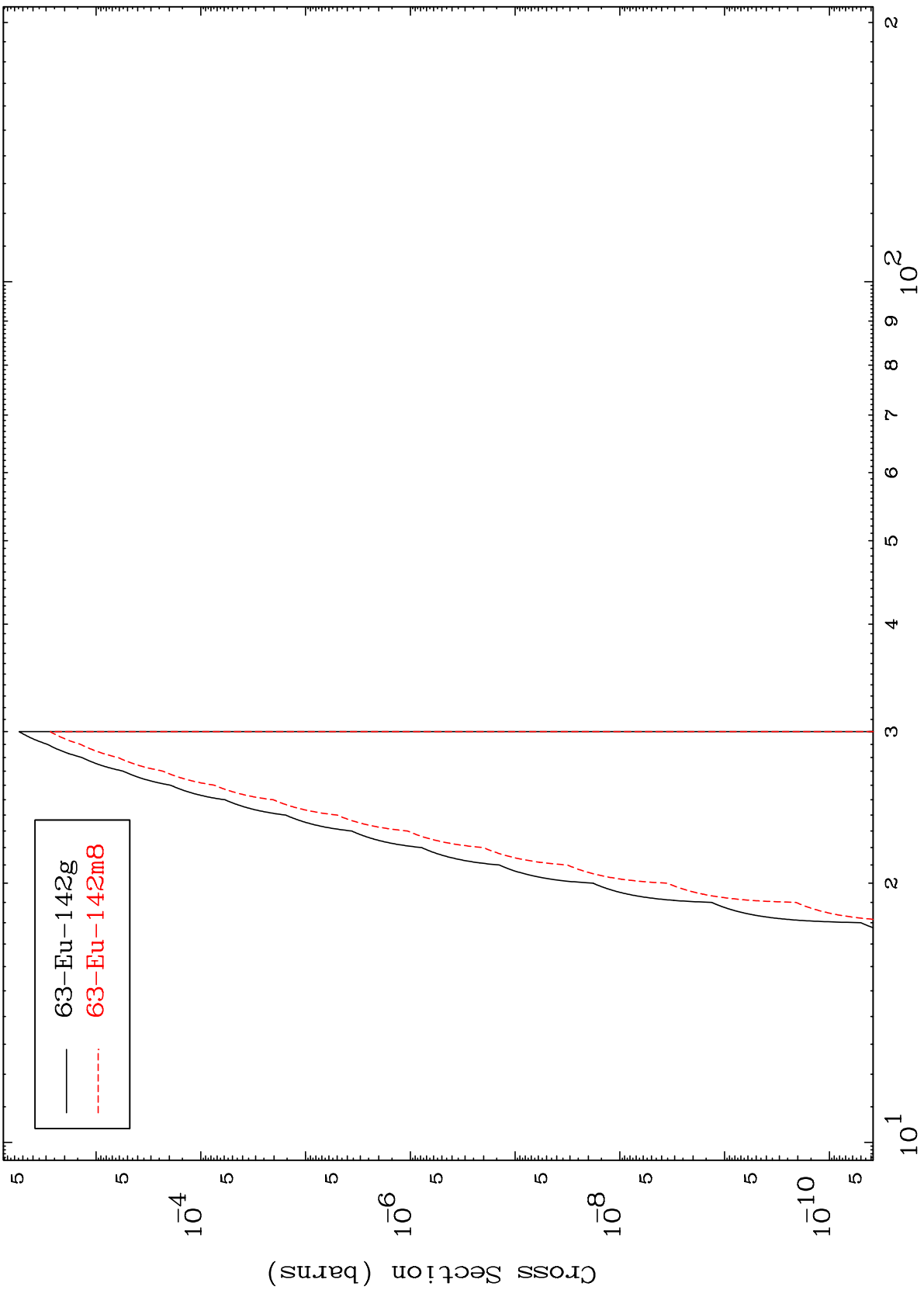
65-Tb-147m

MAT 6490

(n,2n) α

65-Tb-147m

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-147m

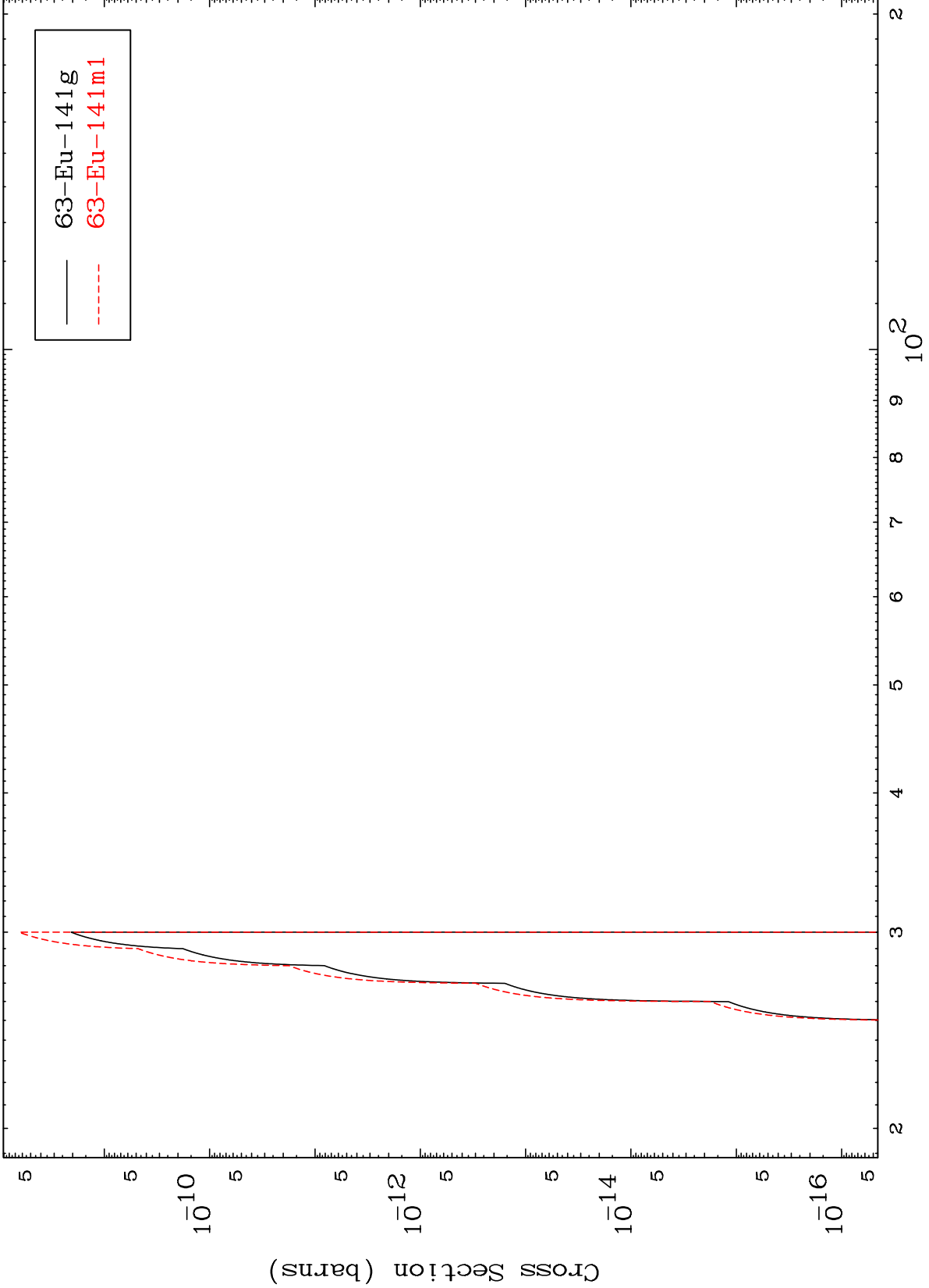
21

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(n,3n) α

65-Tb-147m

Radionuclide Production Cross Section



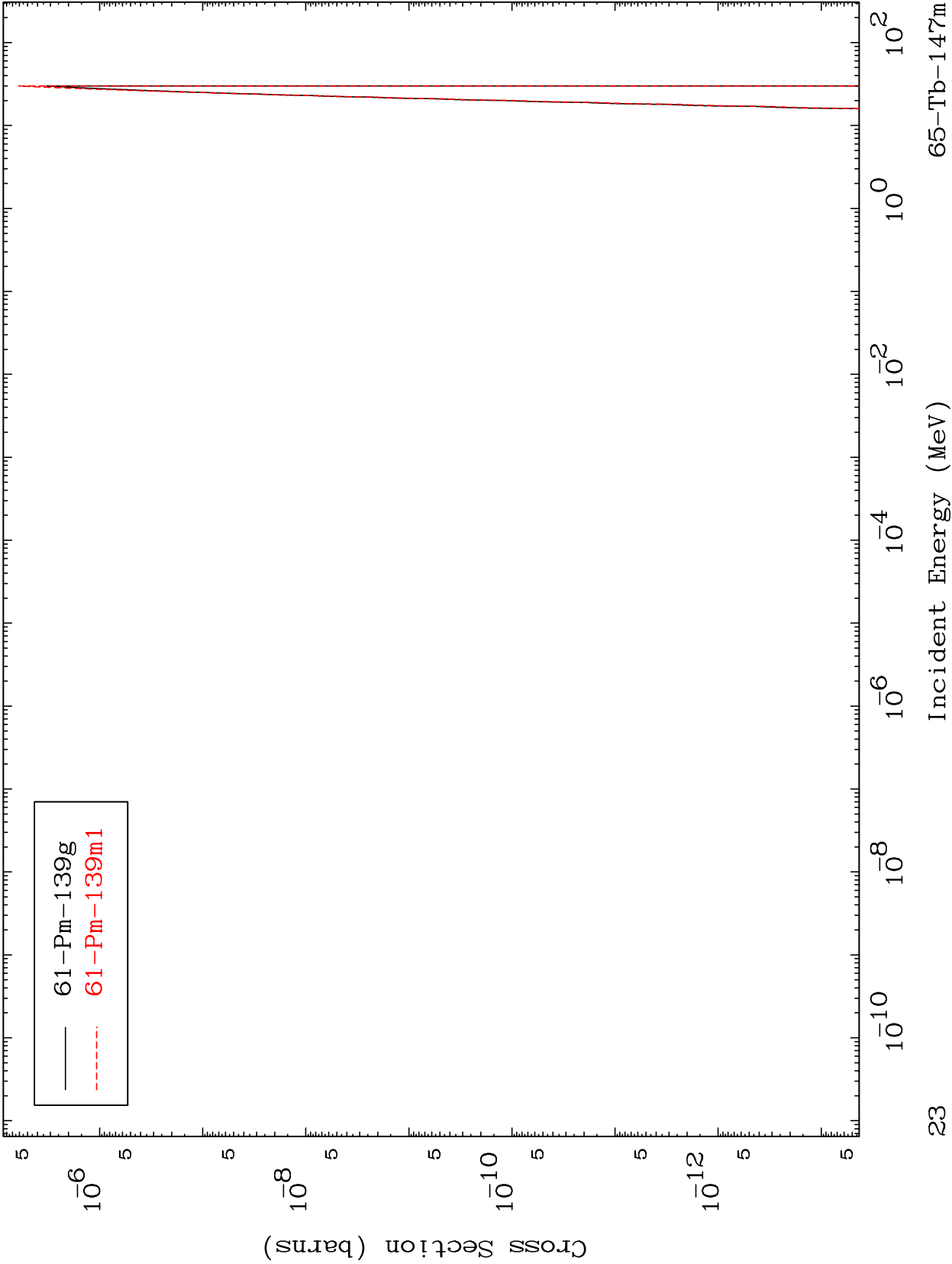
63-Eu-141g
63-Eu-141m1

MAT 6490

(n,n') 2 α

65-Tb-147m

Radionuclide Production Cross Section

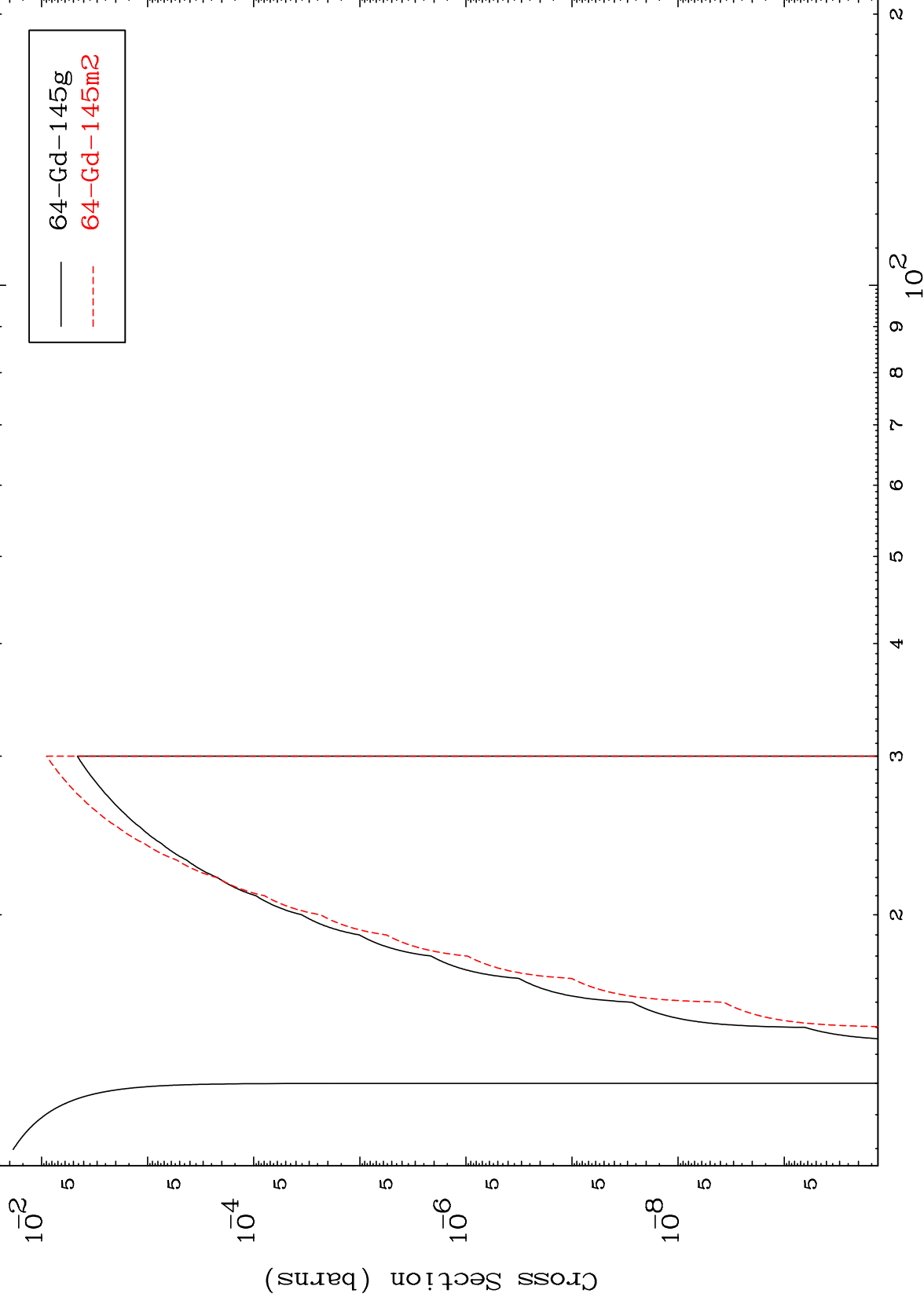


MAT 6490

(n,n') d

65-Tb-147m

Radionuclide Production Cross Section



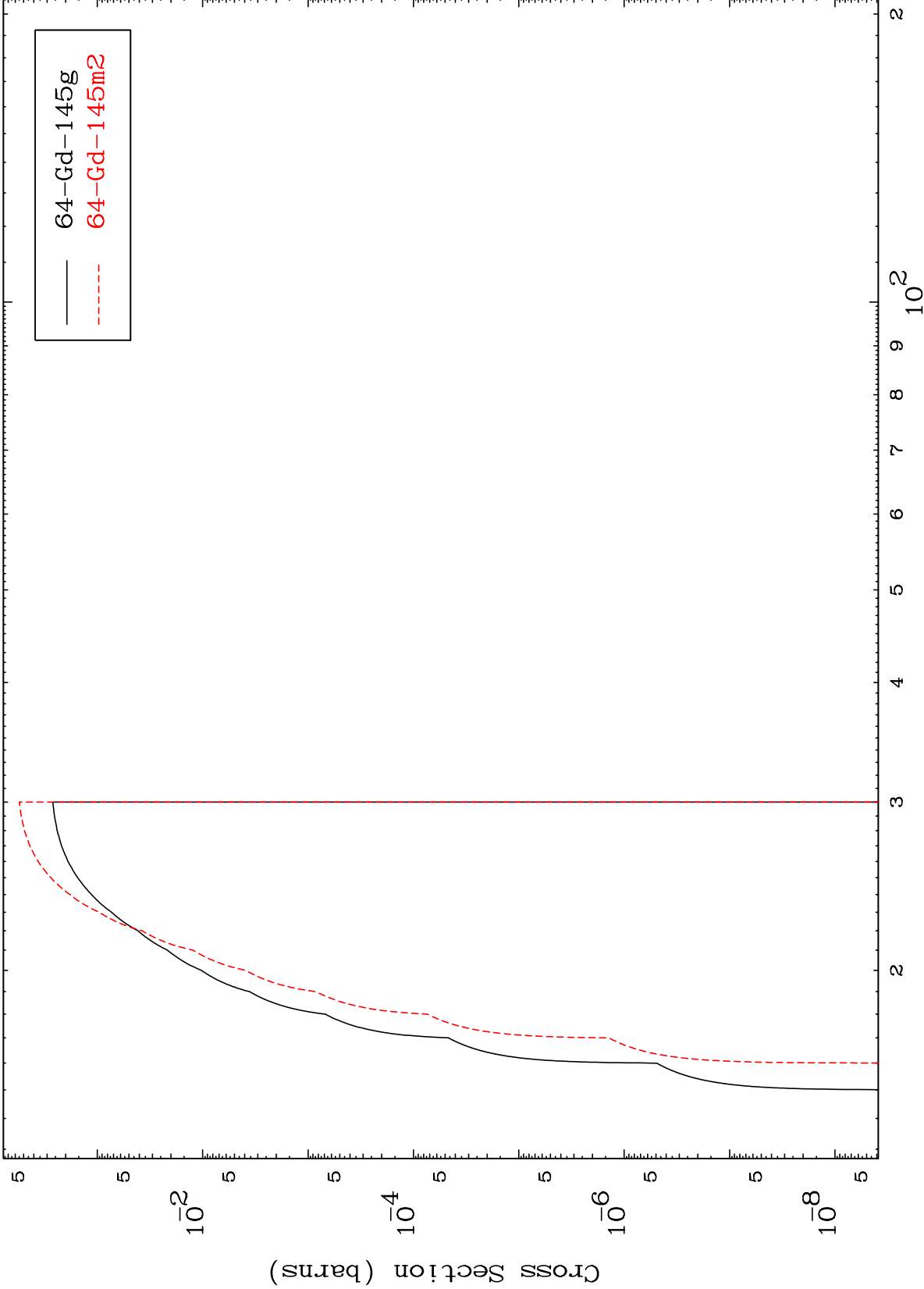
64-Gd-145g
64-Gd-145m2

24

Incident Energy (MeV)

65-Tb-147m

Radionuclide Production Cross Section

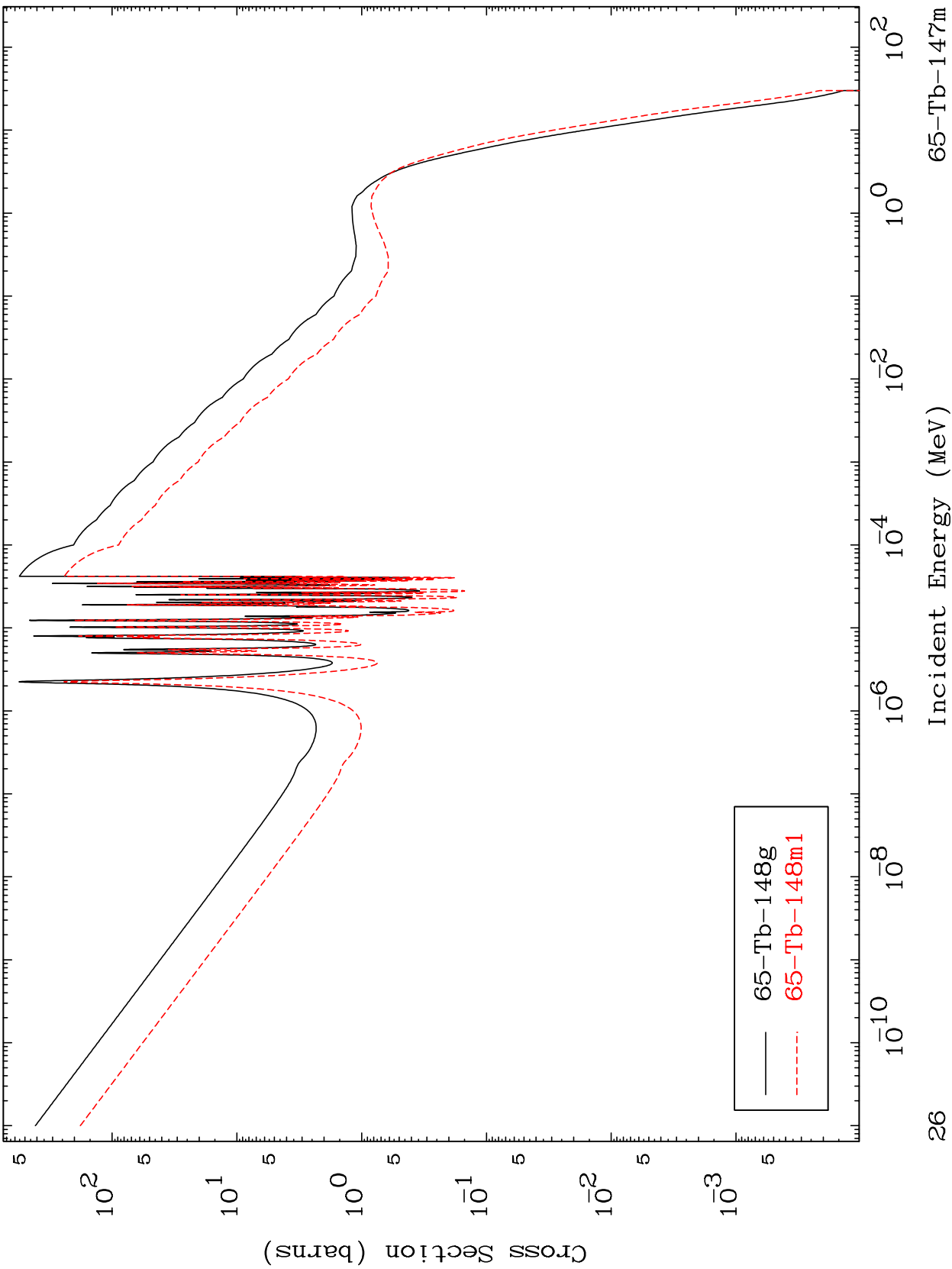


64-Gd-145g
64-Gd-145m2

MAT 6490

65-Tb-147m

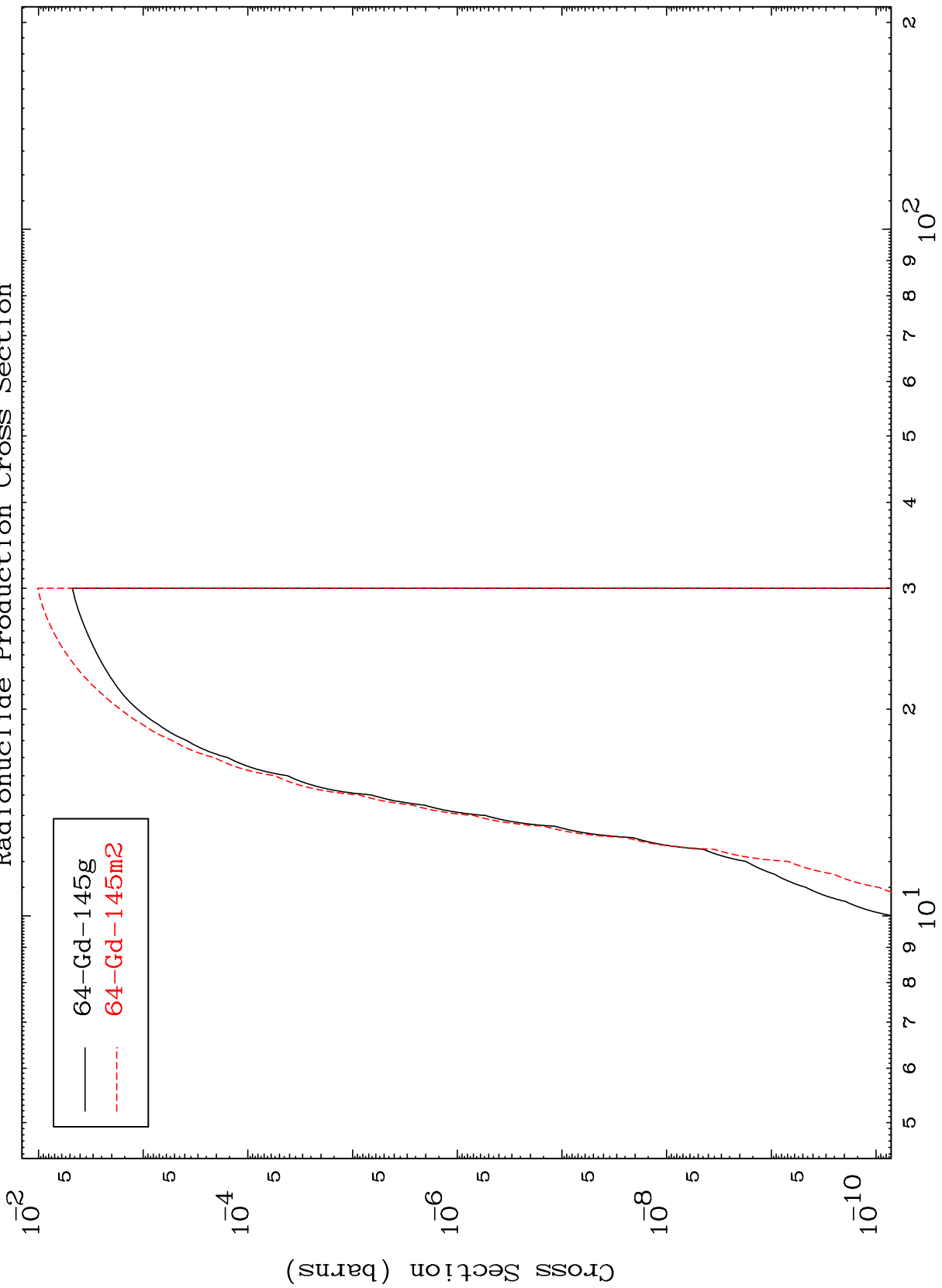
Radionuclide Production Cross Section
(n, γ)



MAT 6490

65-Tb-147m

Radionuclide Production Cross Section (n, t)



Incident Energy (MeV)

65-Tb-147m

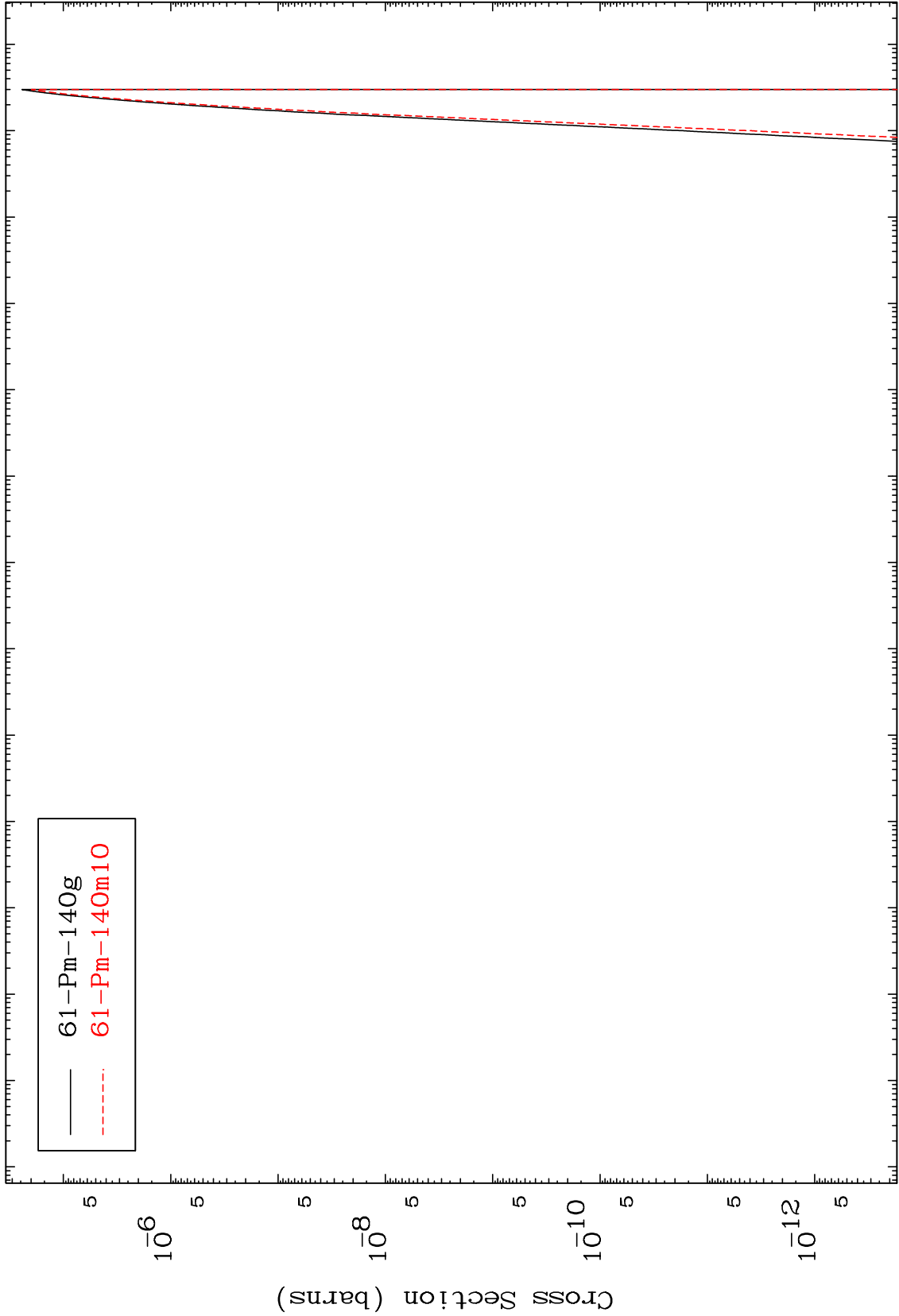
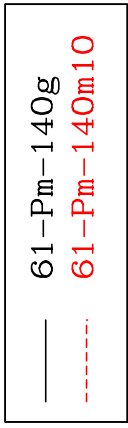
27

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(n,2α)

65-Tb-147m

Radionuclide Production Cross Section



MAT 6490

(n,p) α

65-Tb-147m

Radionuclide Production Cross Section

