

Program EVALPLOT
(Version 2021-1)

by

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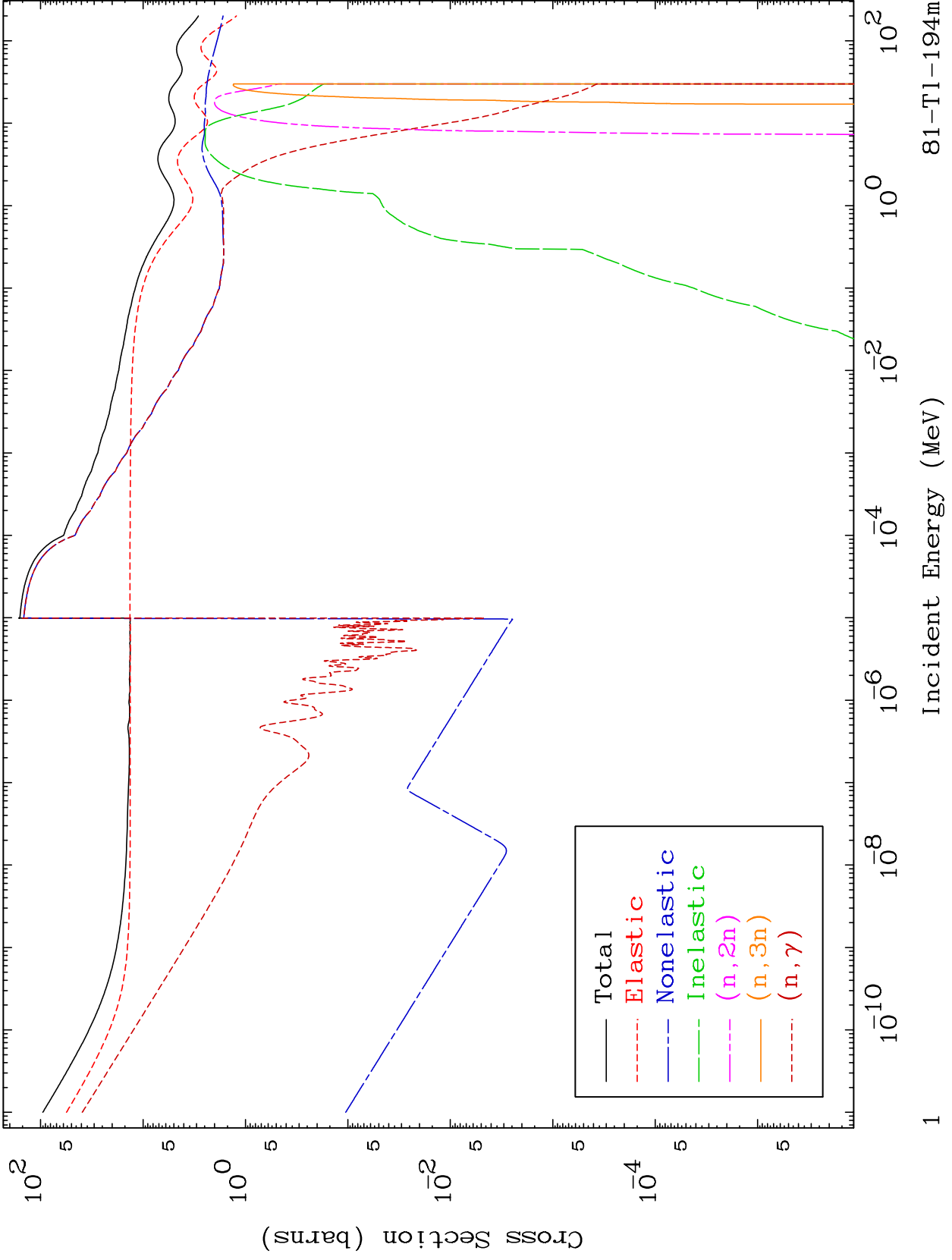
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8099

Neutron Major
293 Kelvin Cross Sections

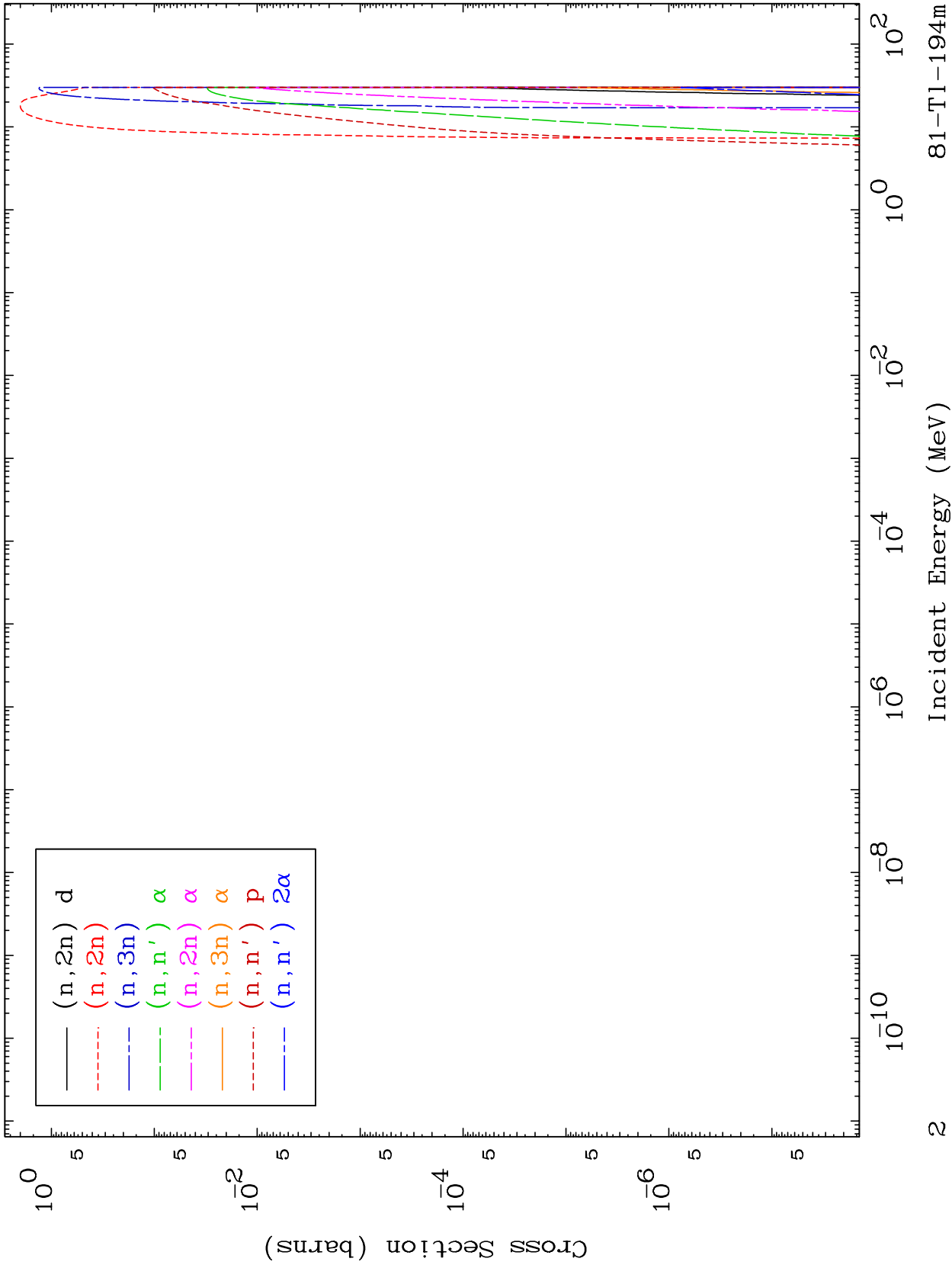
81-Tl-194m



MAT 8099

Neutron Absorption
293 Kelvin Cross Sections

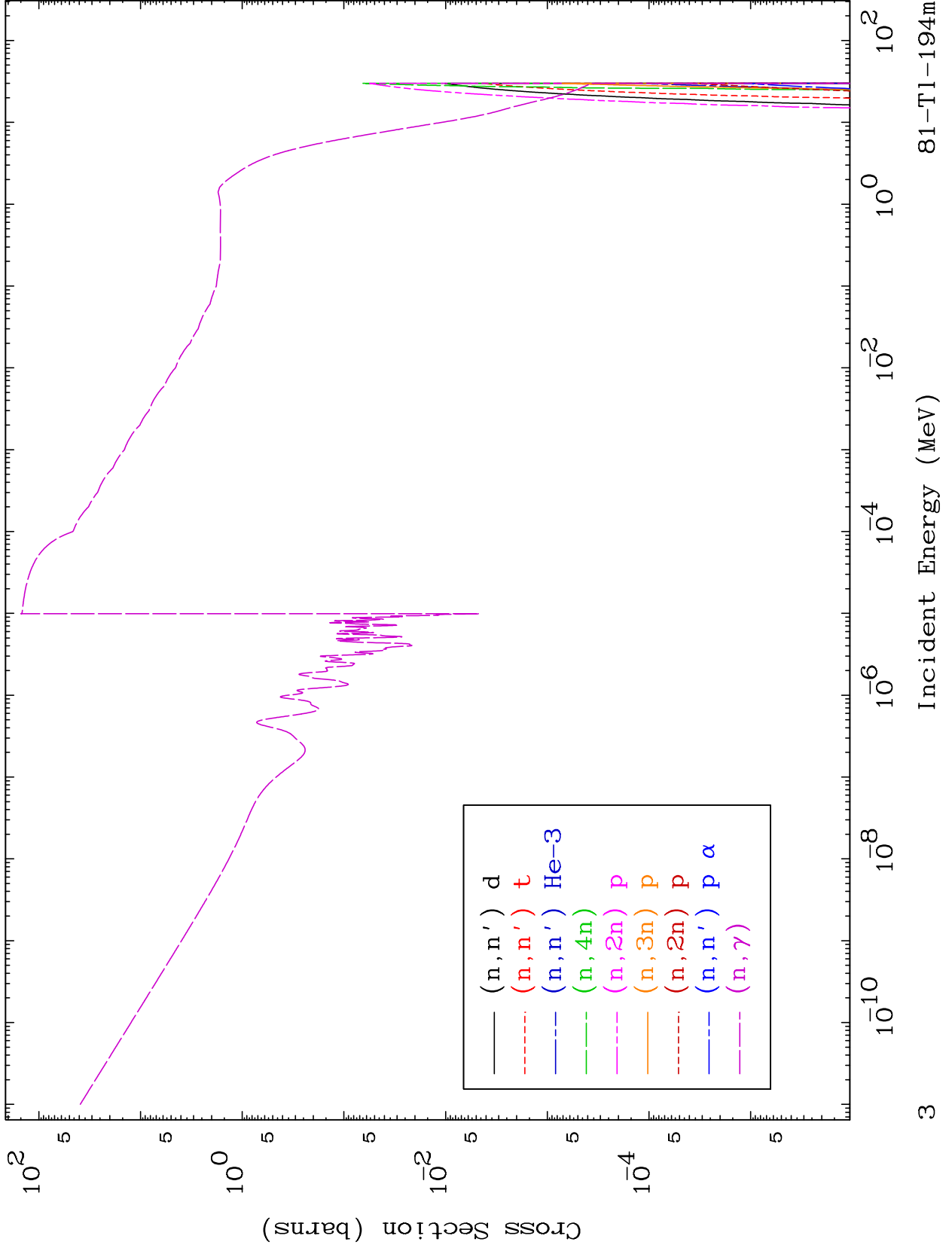
81-Tl-194m



MAT 8099

Neutron Absorption
293 Kelvin Cross Sections

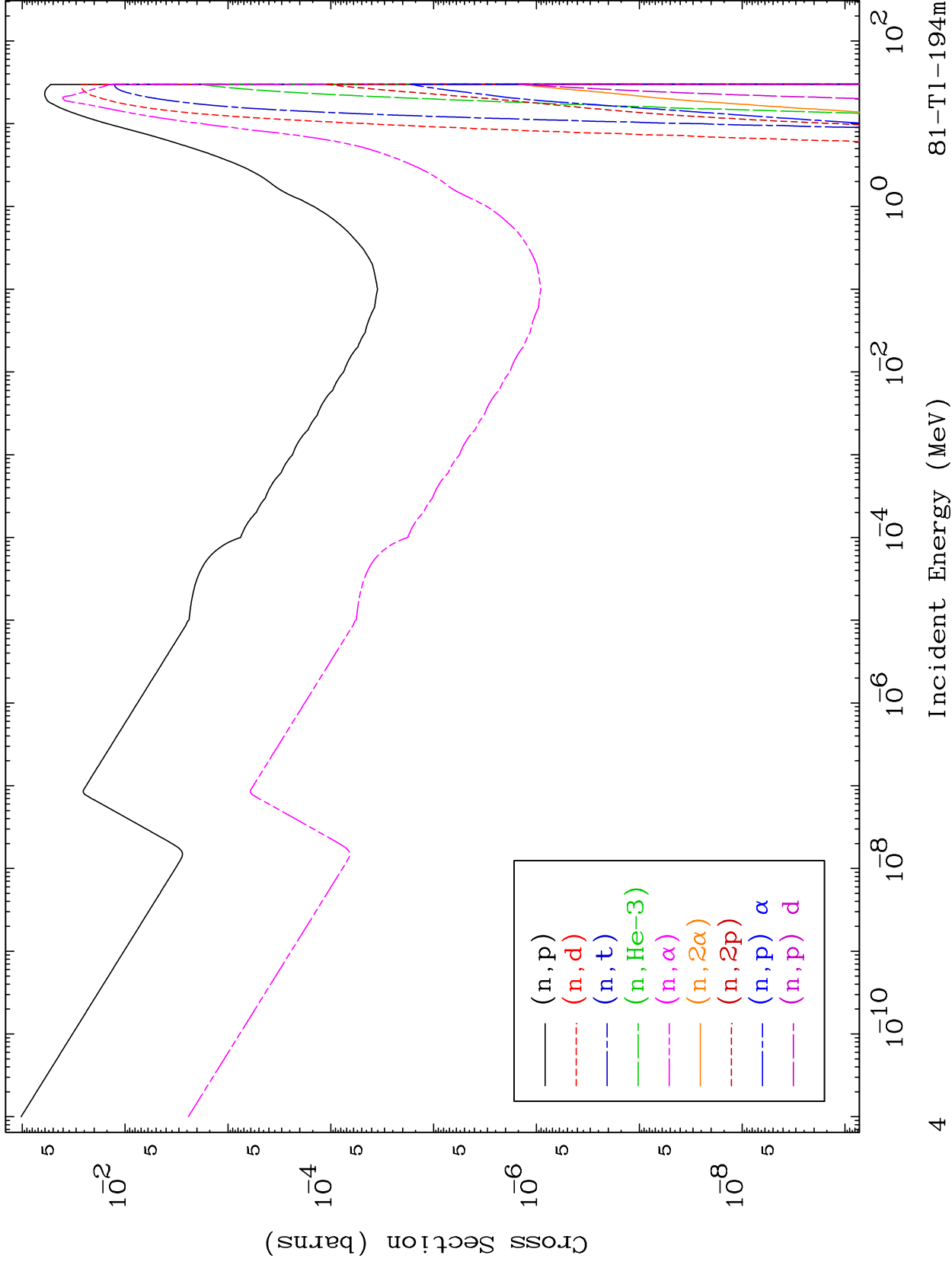
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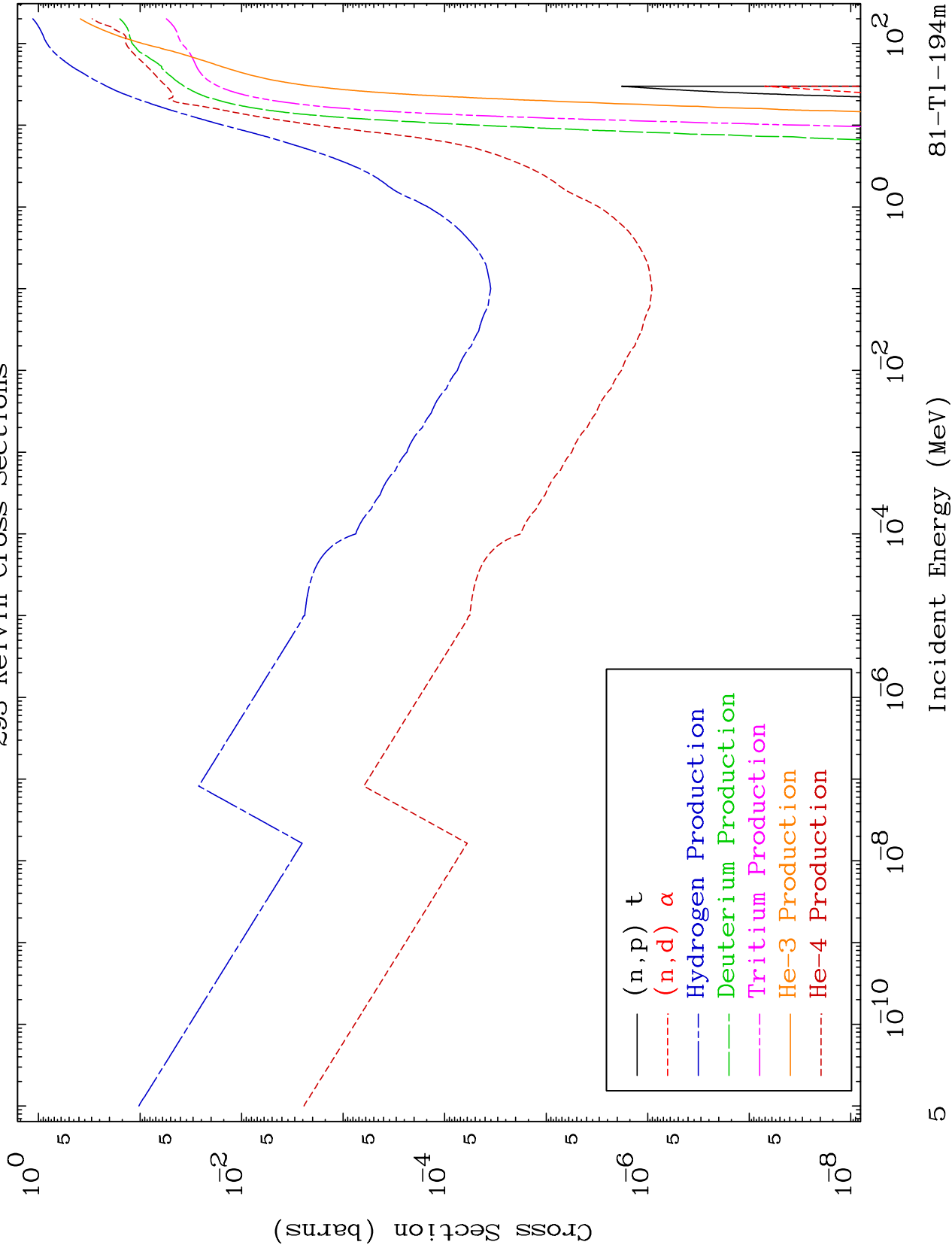


MAT 8099

Neutron Absorption
293 Kelvin Cross Sections

81-TI-194m

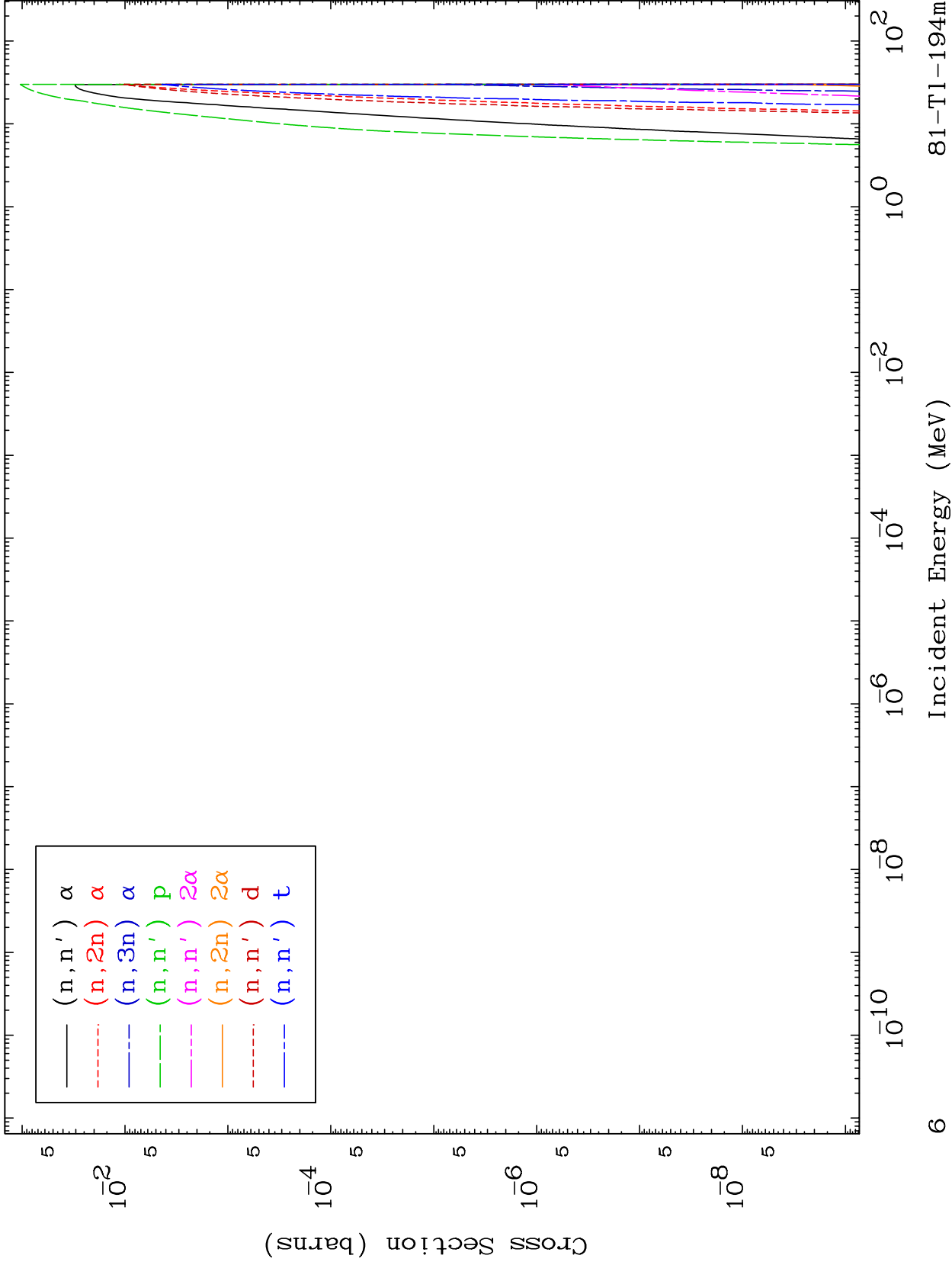




MAT 8099

Charged Particle
293 Kelvin Cross Sections

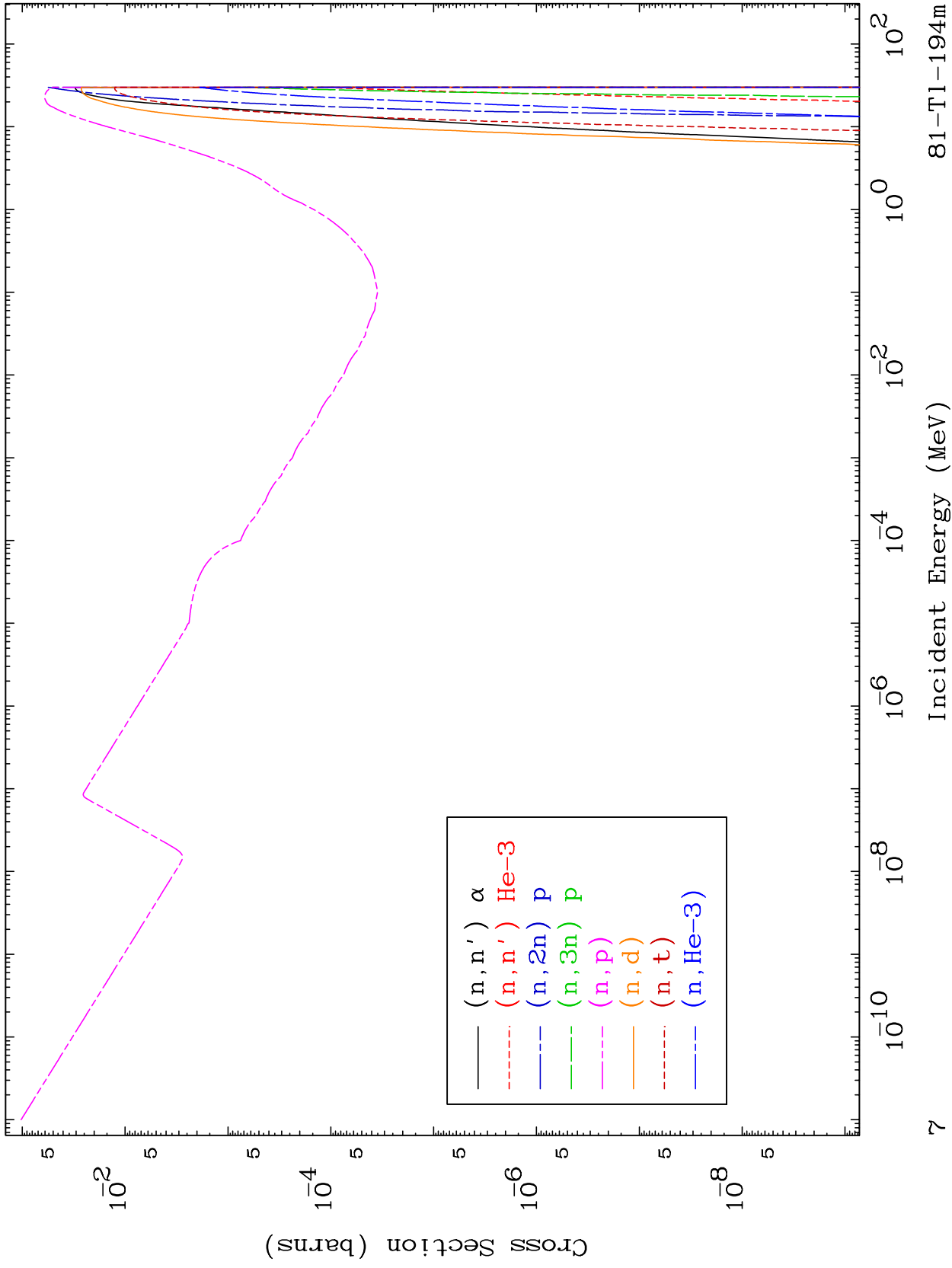
81-Tl-194m



MAT 8099

Charged Particle
293 Kelvin Cross Sections

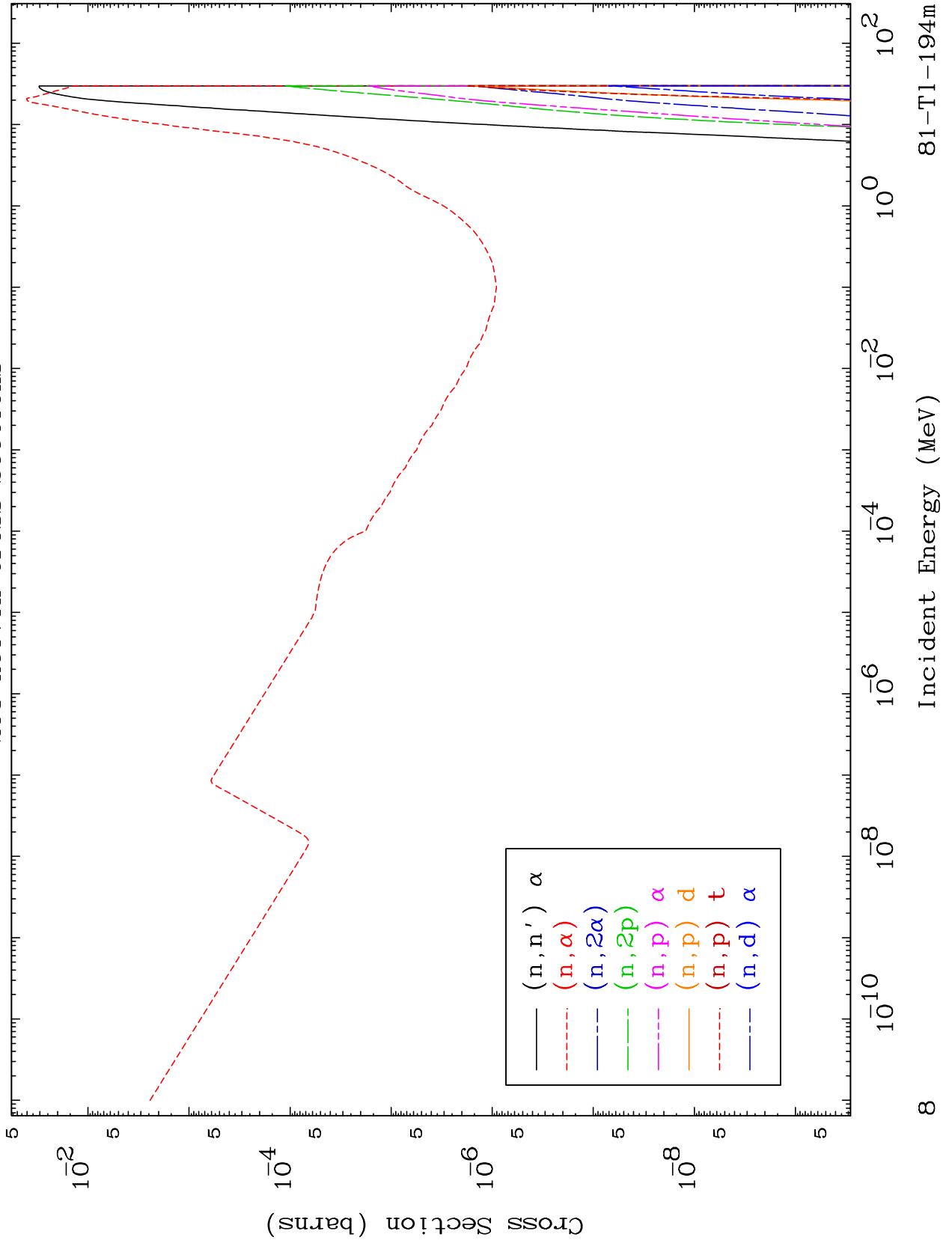
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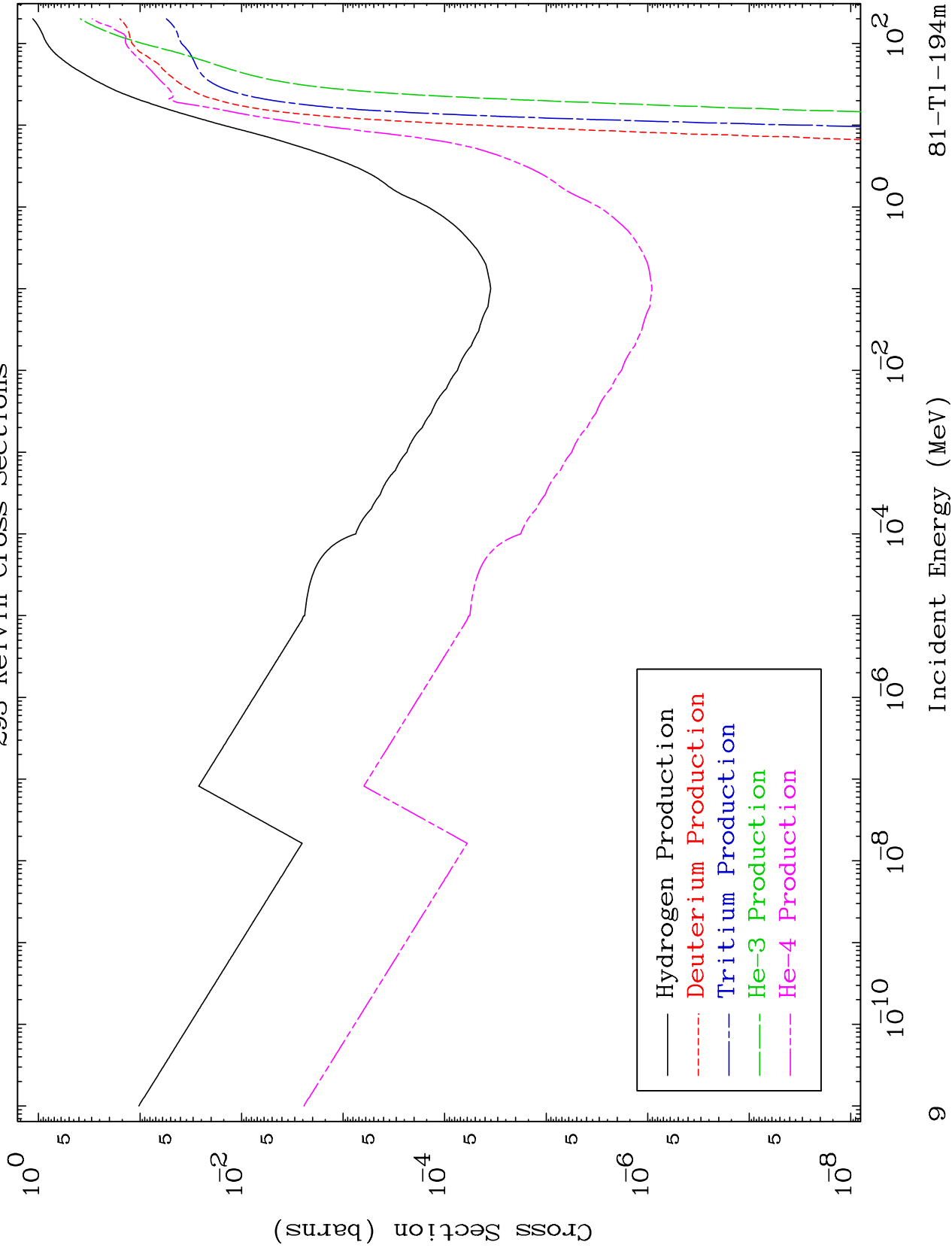


MAT 8099

Charged Particle
293 Kelvin Cross Sections

81-Tl-194m

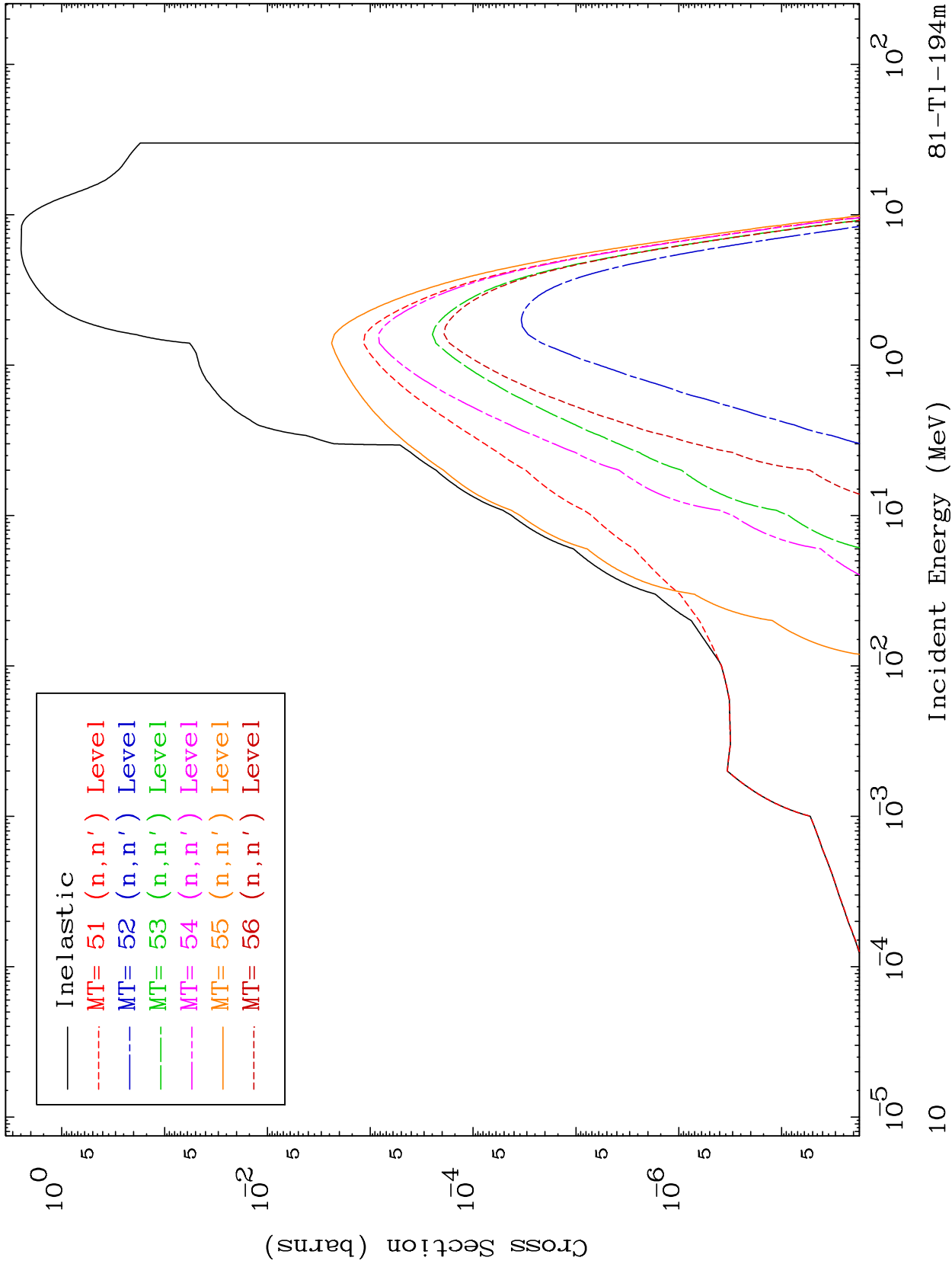




MAT 8099

(n,n') Levels
293 Kelvin Cross Sections

81-Tl-194m

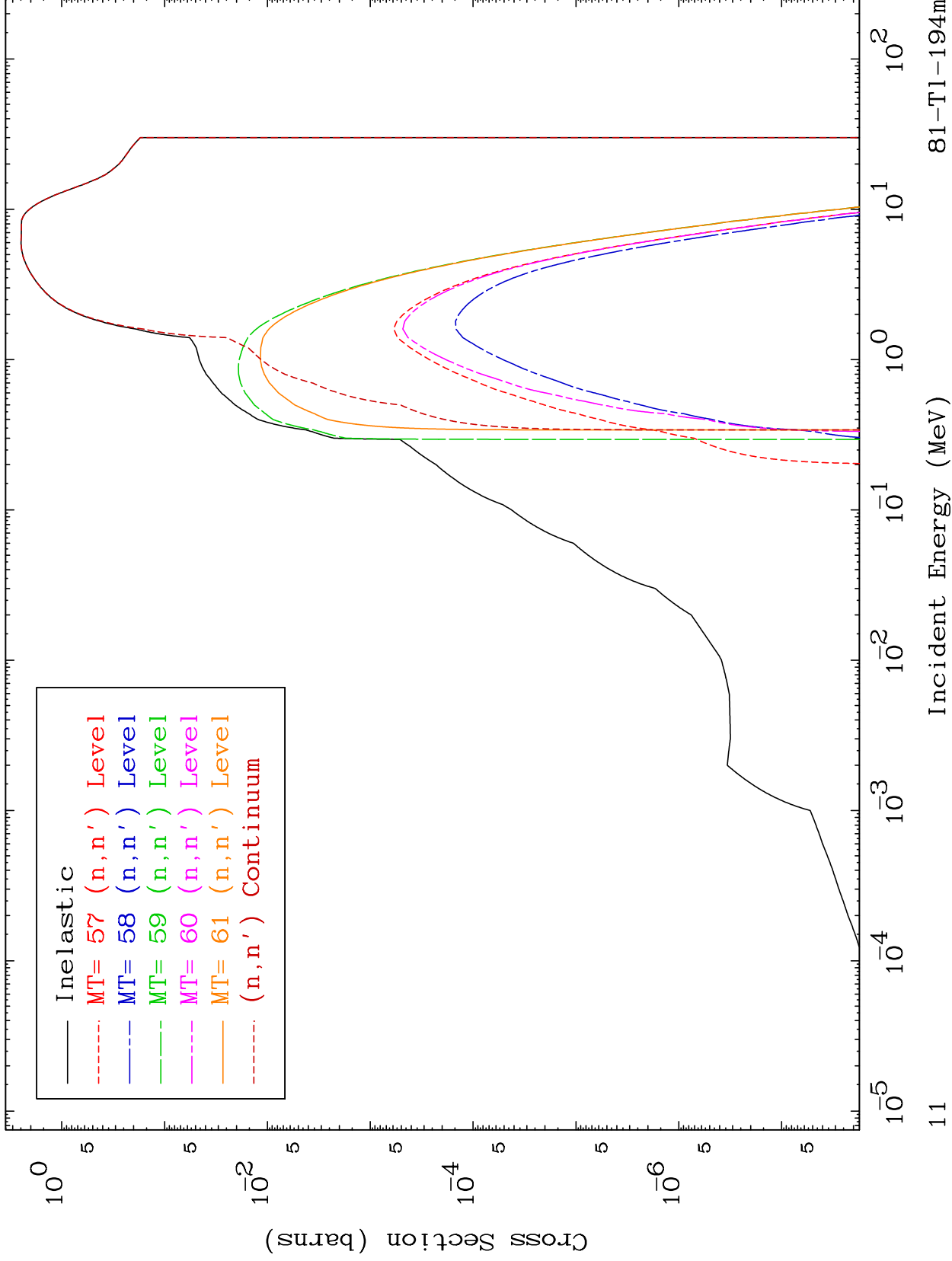


MAT 8099

(n,n') Levels

81-Tl-194m

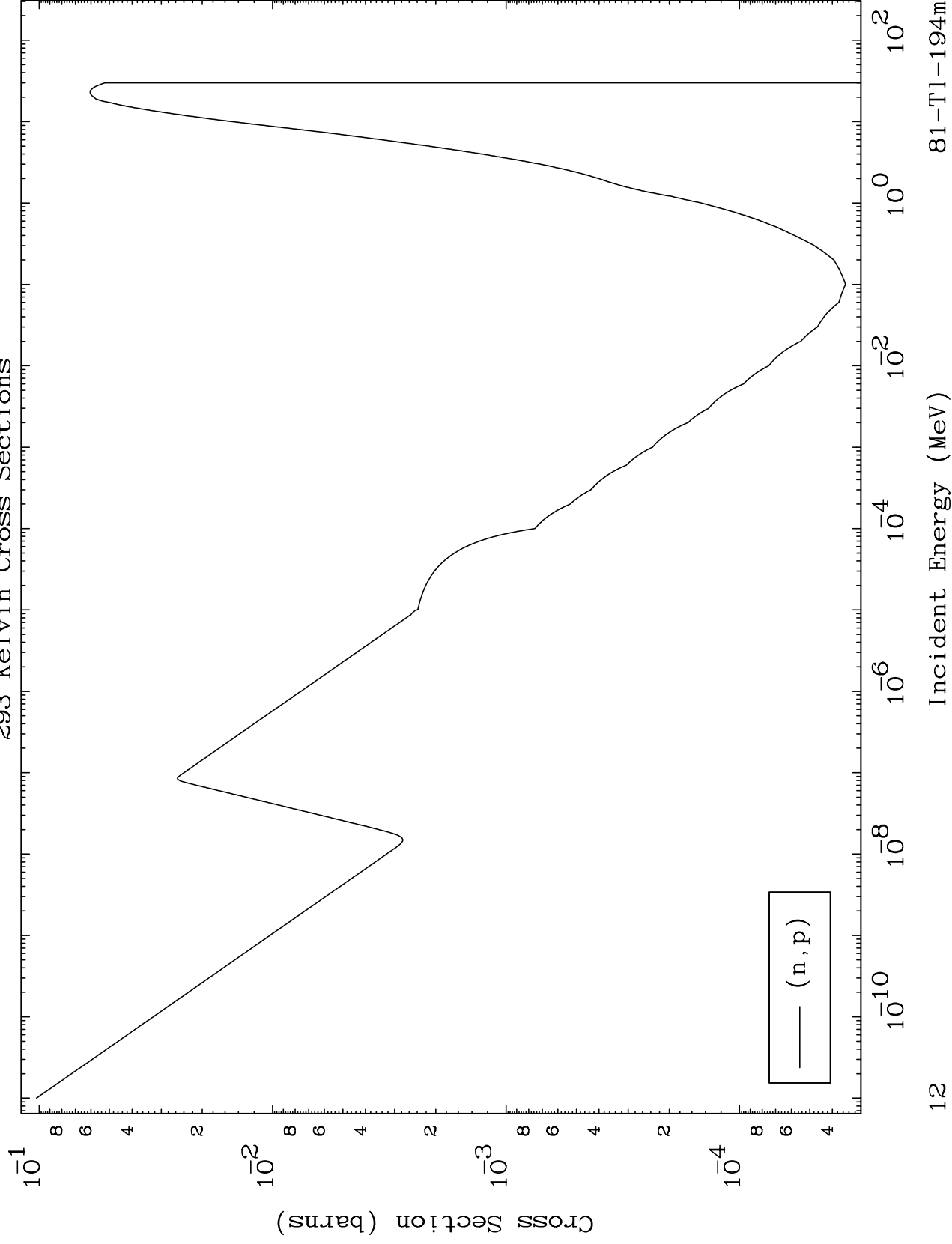
293 Kelvin Cross Sections



MAT 8099

(n,p) Levels
293 Kelvin Cross Sections

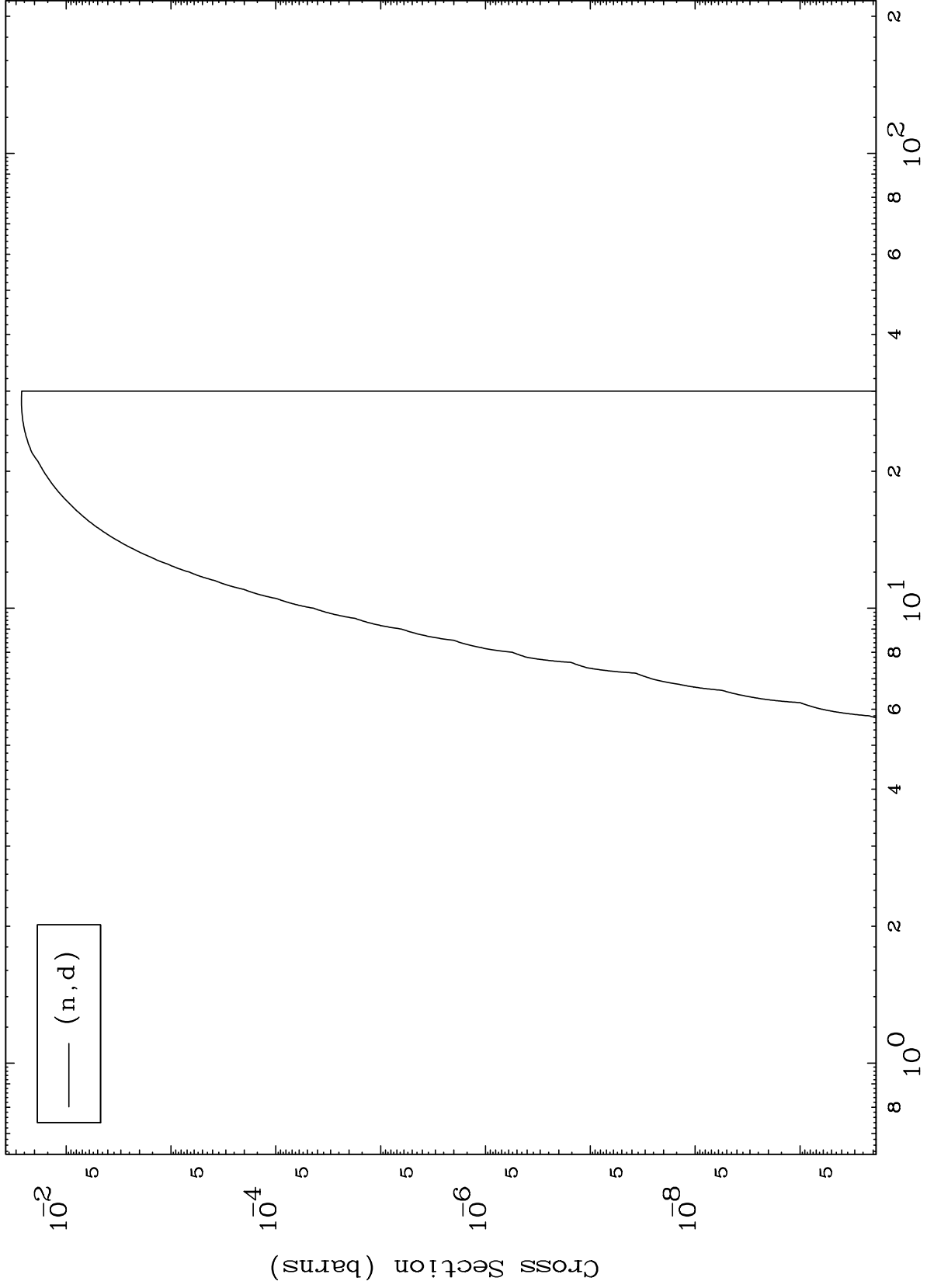
81-Tl-194m



MAT 8099

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-194m



13

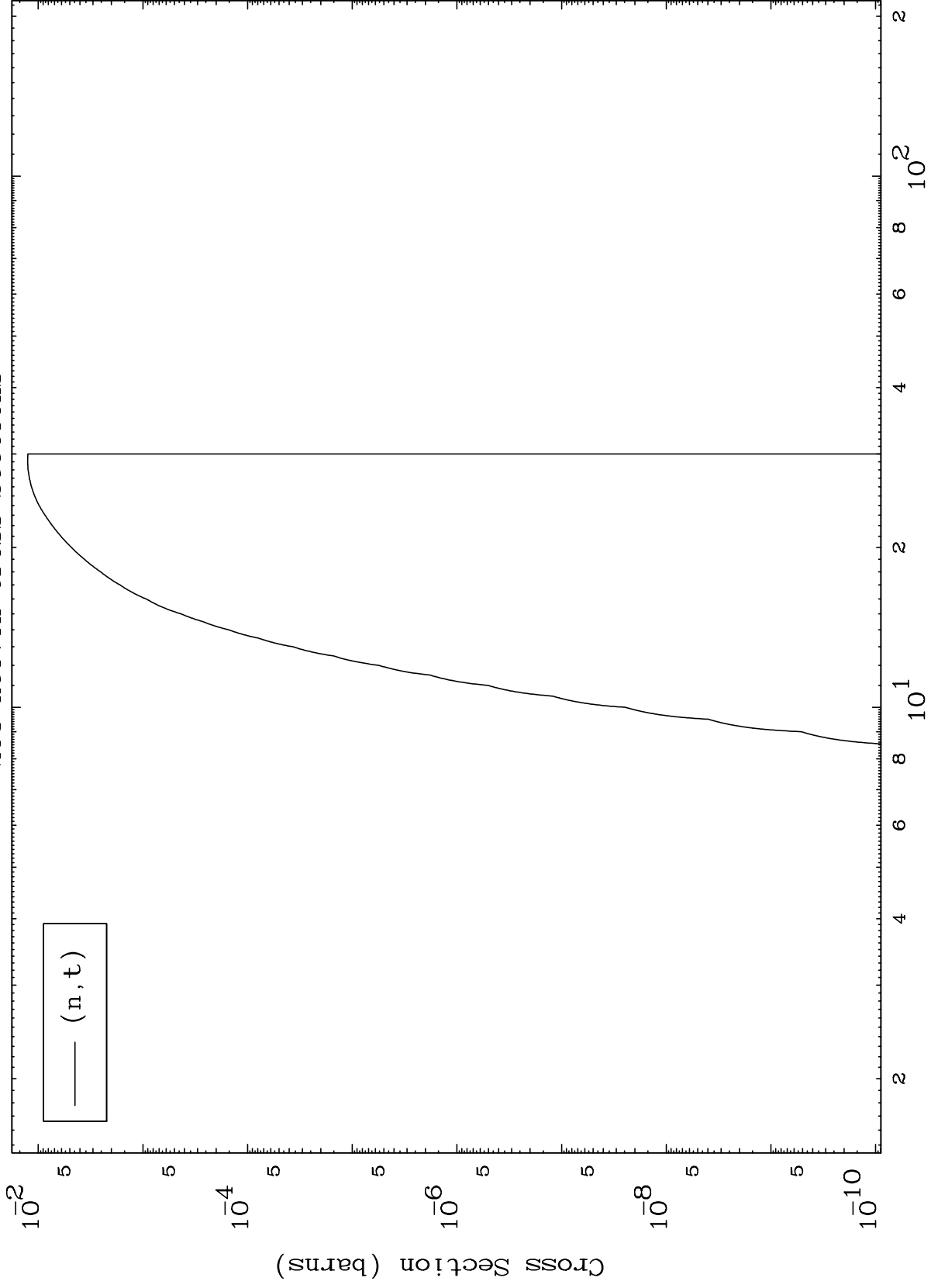
Incident Energy (MeV)

81-Tl-194m

MAT 8099

(n,t) Levels
293 Kelvin Cross Sections

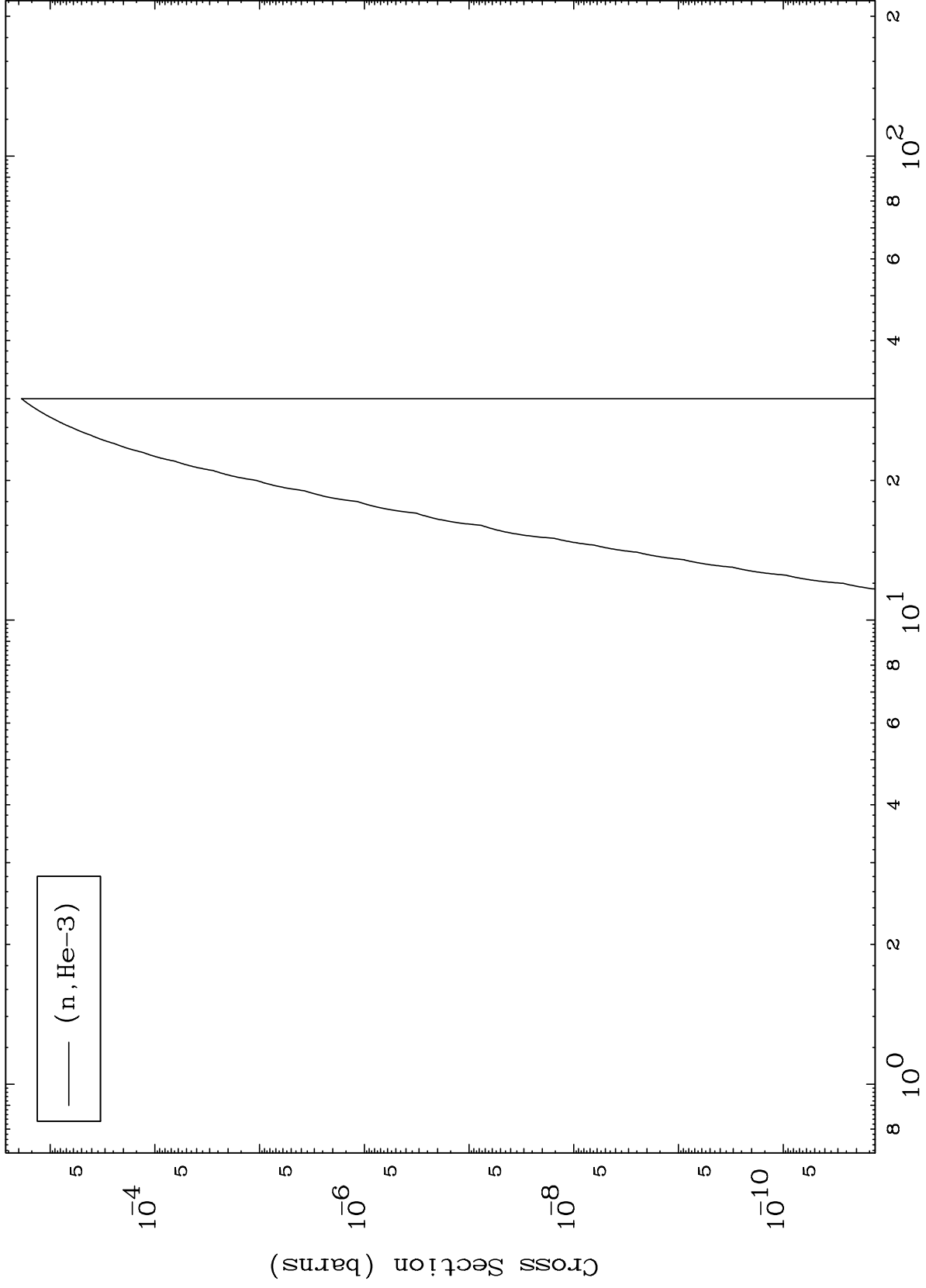
81-Tl-194m



MAT 8099

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-194m



15

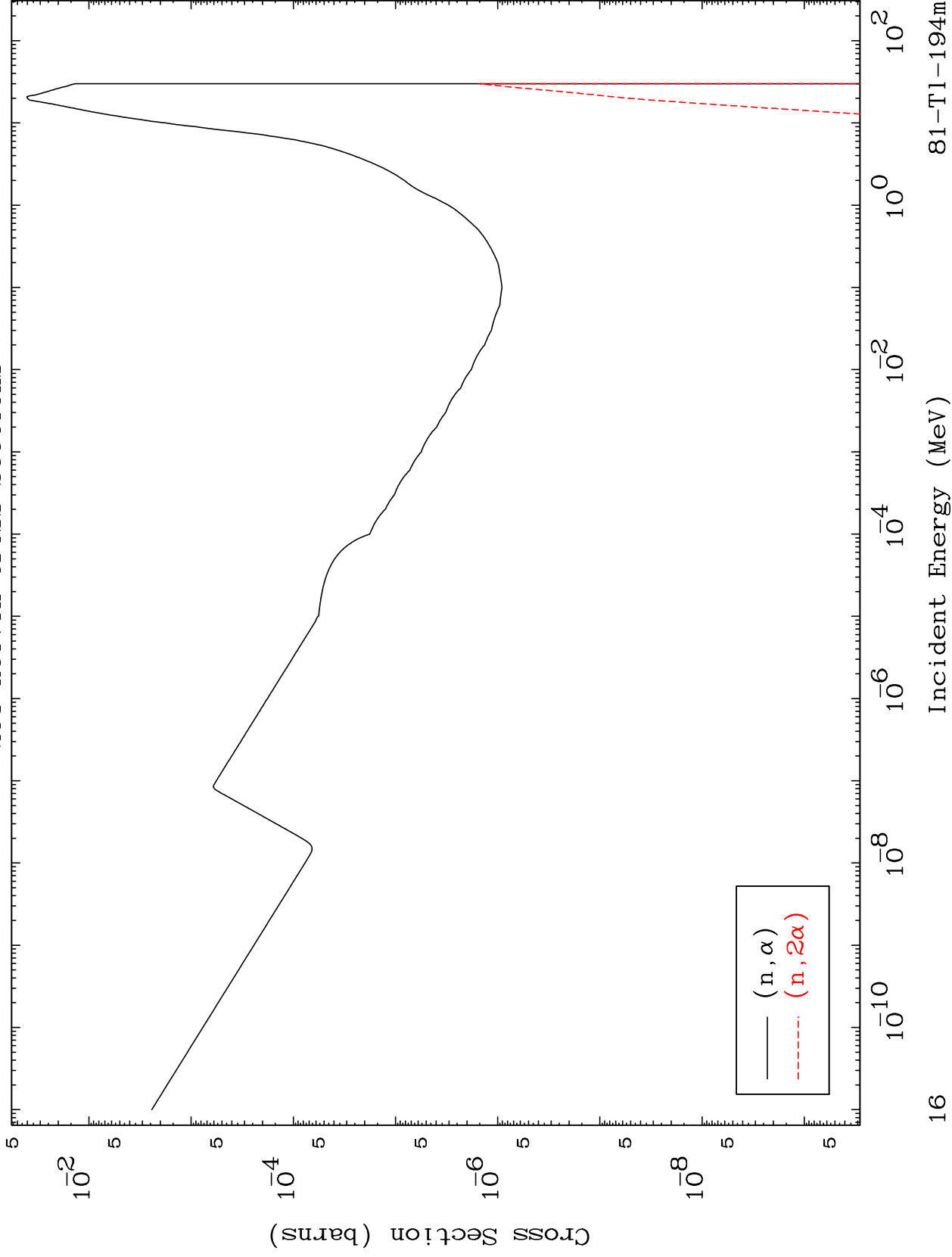
Incident Energy (MeV)

81-Tl-194m

MAT 8099

(n,α) Levels
293 Kelvin Cross Sections

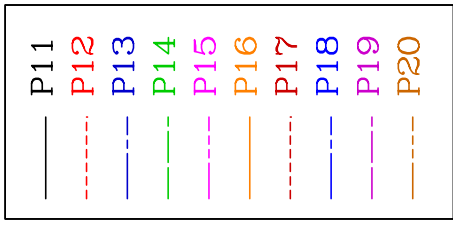
81-Tl-194m



MAT 8099

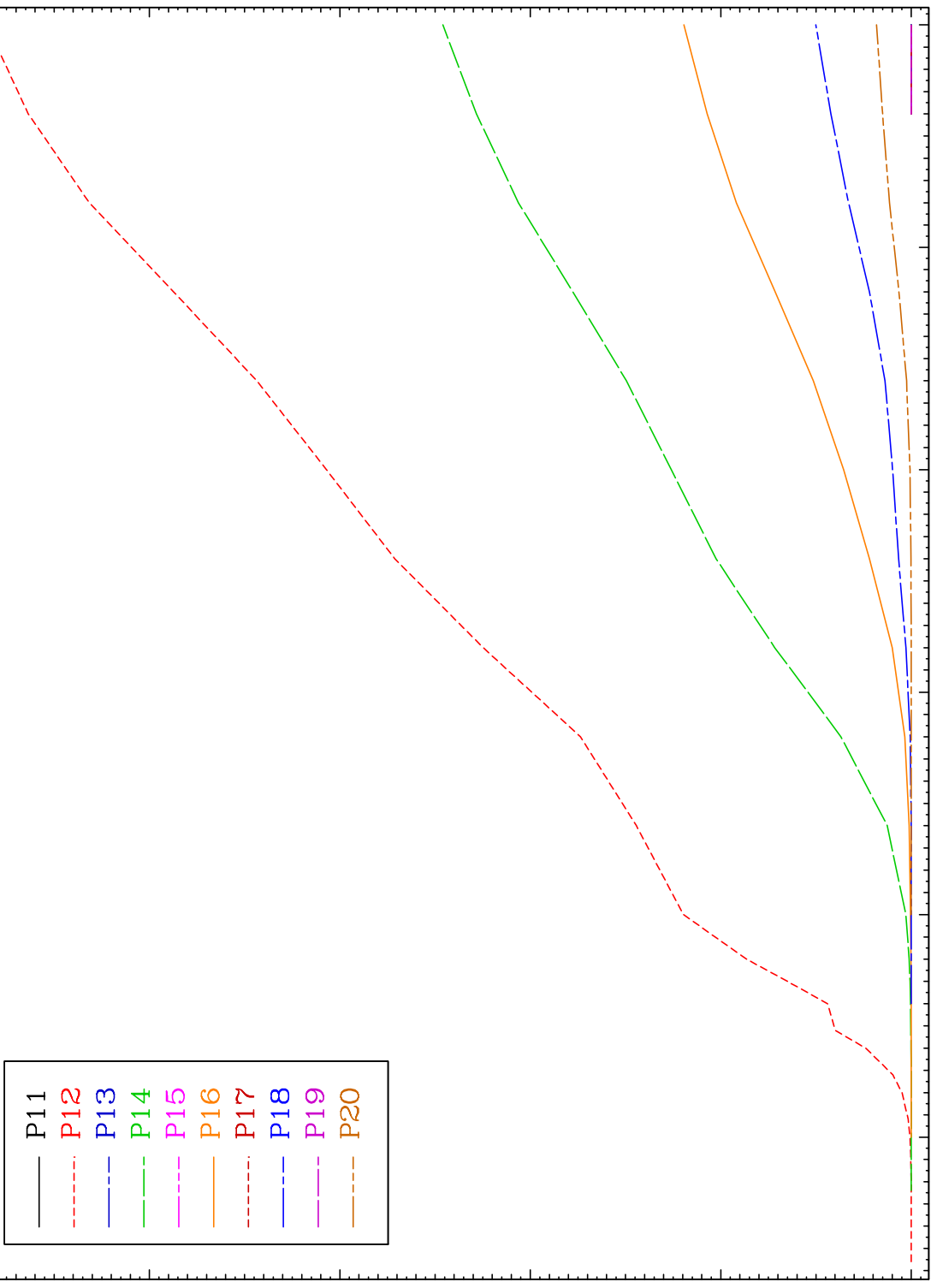
Elastic Legendre Coefficients

81-TI-194m



$\times 10^{-4}$

Legendre (CM)



30

25

20

15

10

5

18

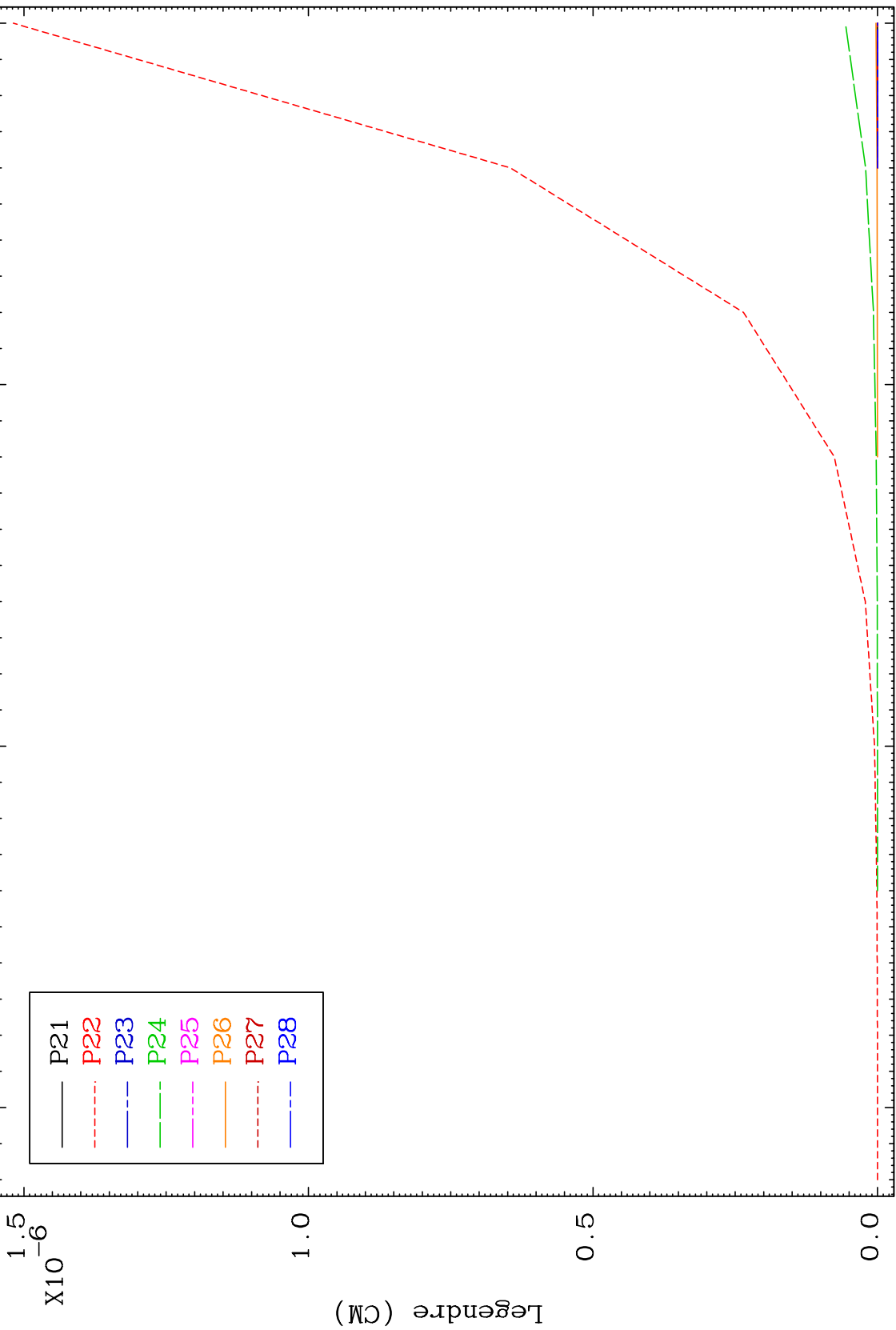
Incident Energy (MeV)

81-TI-194m

MAT 8099

Elastic Legendre Coefficients

81-Tl-194m



19

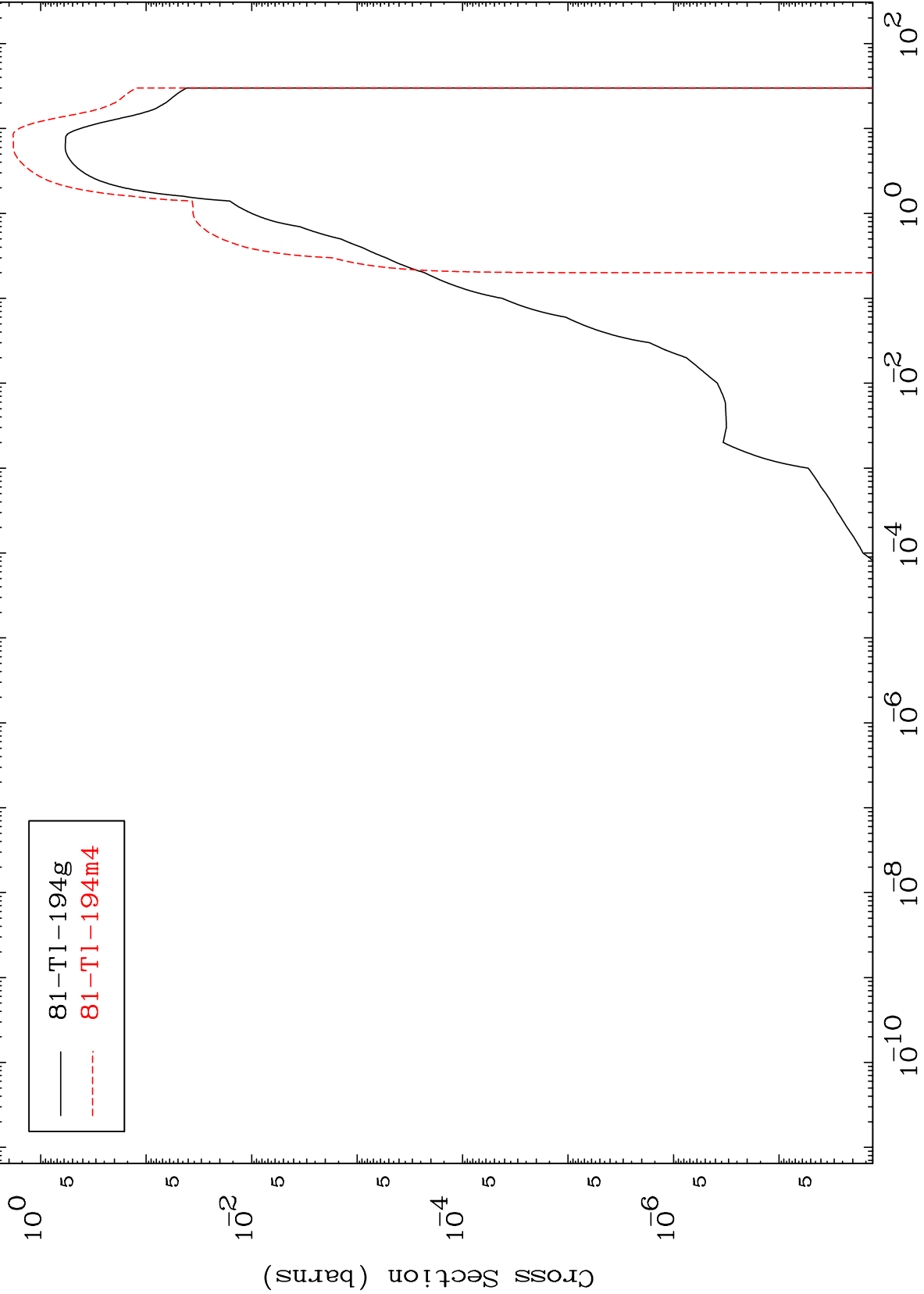
Incident Energy (MeV)

81-Tl-194m

MAT 8099

Inelastic
Radionuclide Production Cross Section

81-Tl-194m



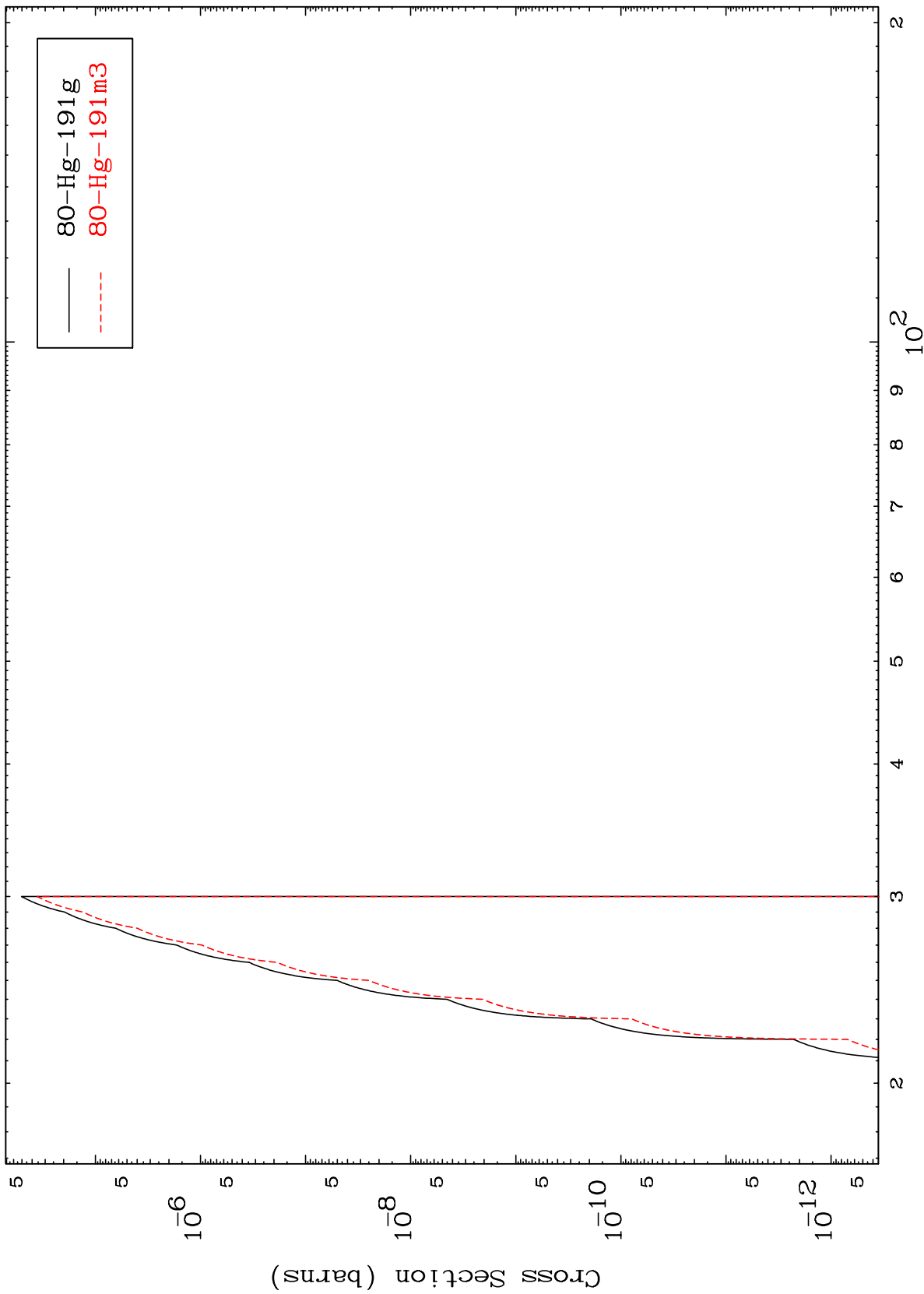
81-Tl-194m

MAT 8099

(n,2n) d

81-TI-194m

Radionuclide Production Cross Section



21

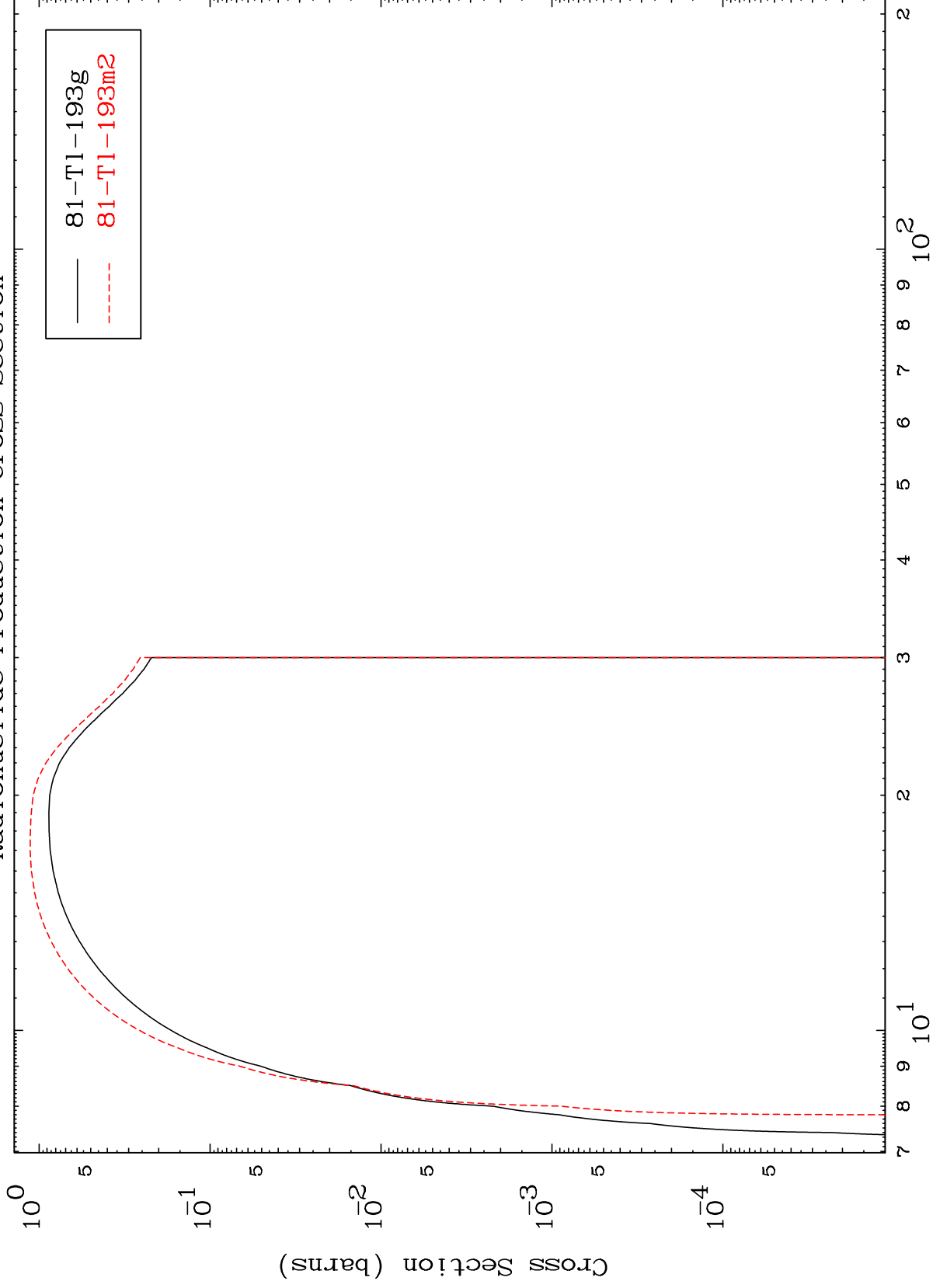
Incident Energy (MeV)

81-TI-194m

MAT 8099

81-Tl-194m

(n,2n)
Radionuclide Production Cross Section



81-Tl-194m

Incident Energy (MeV)

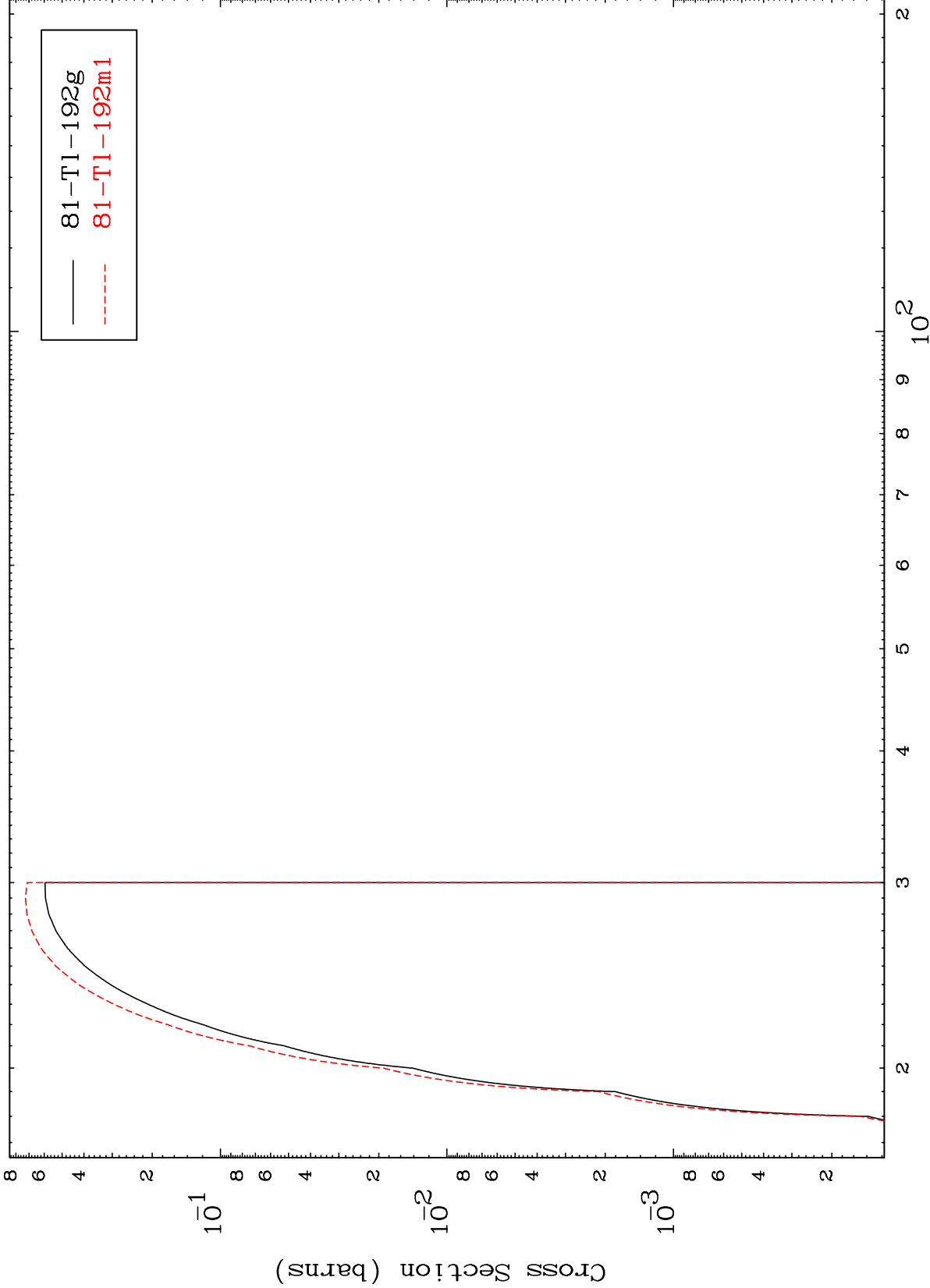
22

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(n,3n)

81-Tl-194m

Radionuclide Production Cross Section

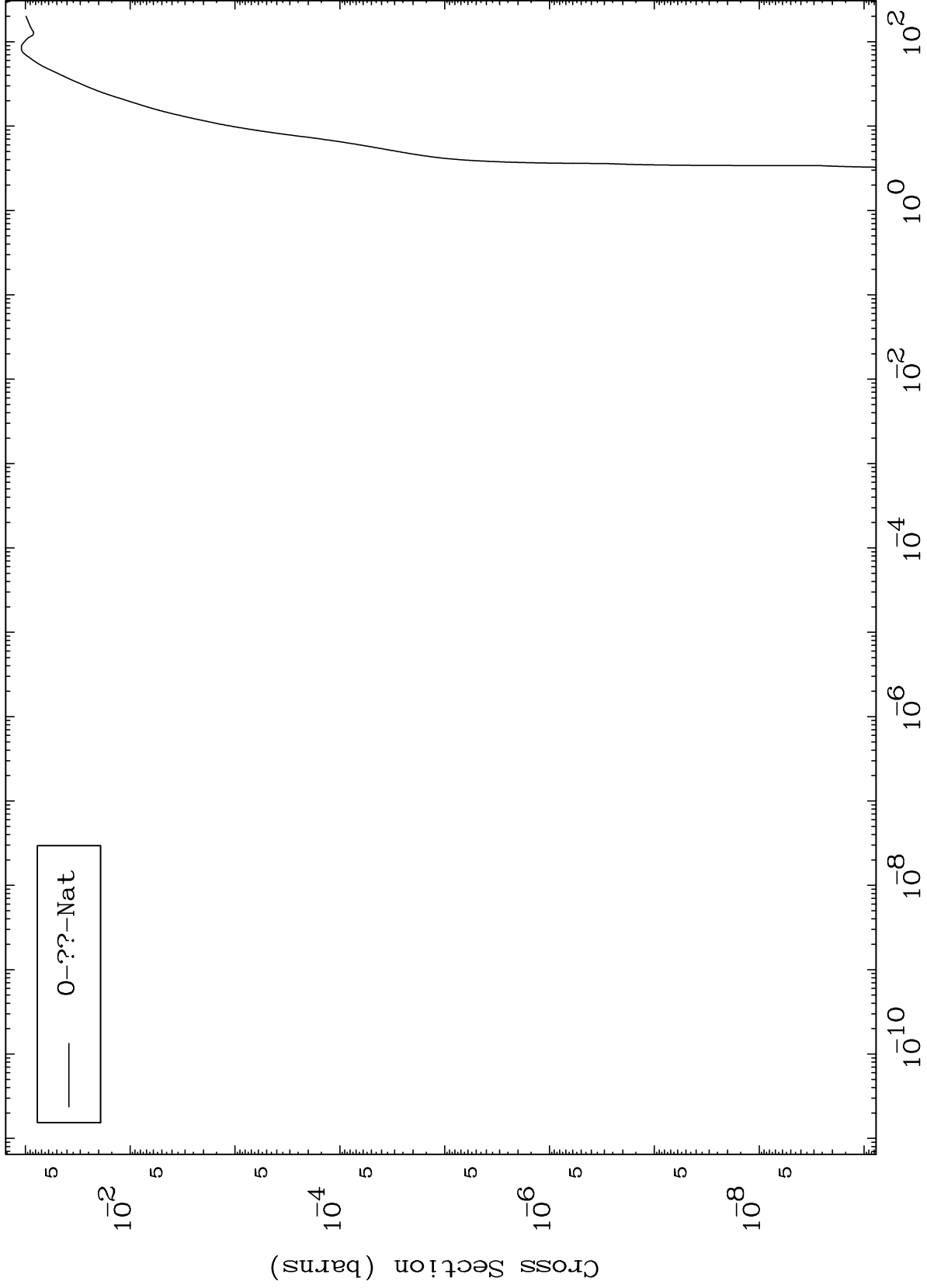


MAT 8099

Fission

81-Tl-194m

Radionuclide Production Cross Section

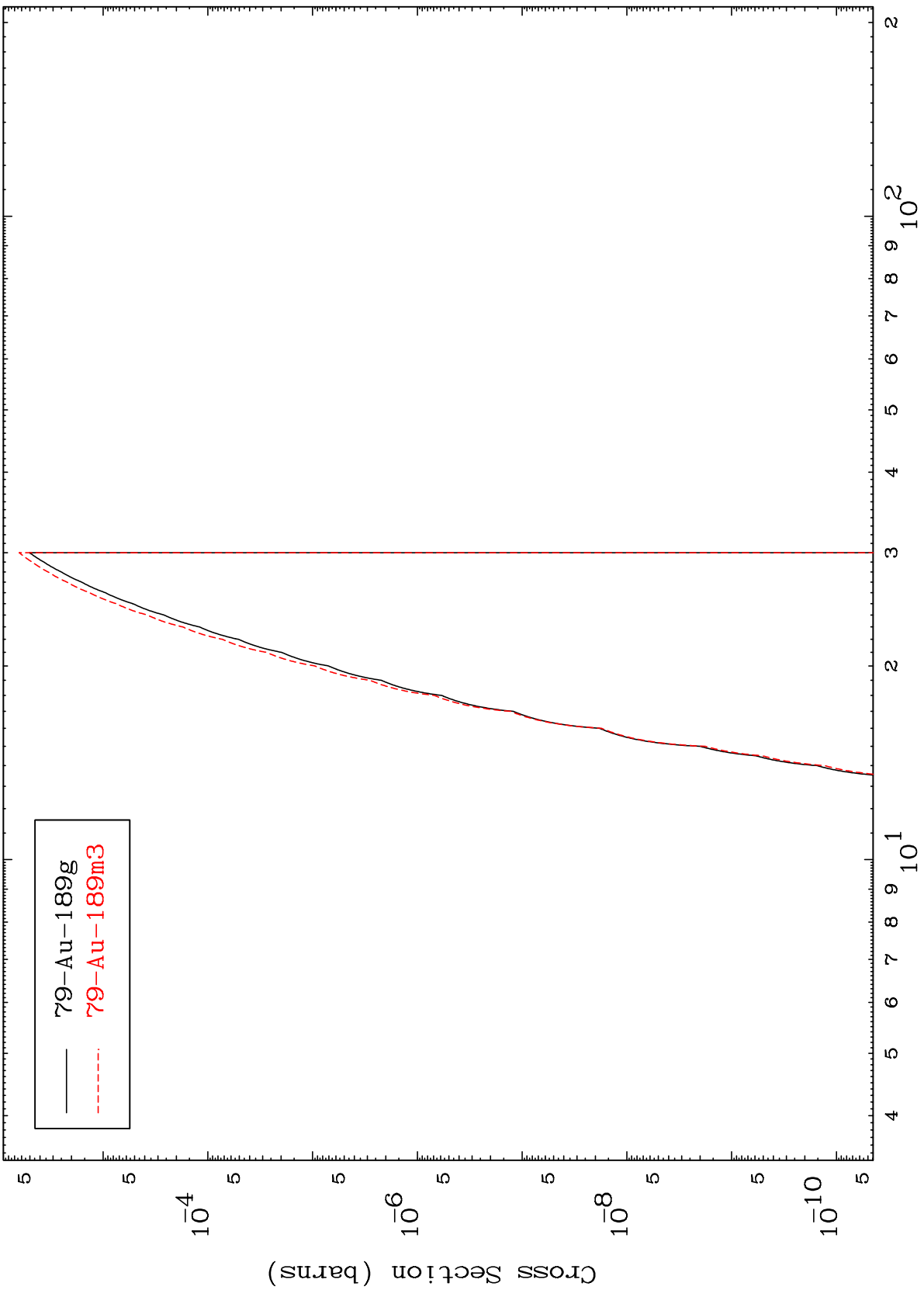


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(n,2n) α

81-Tl-194m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

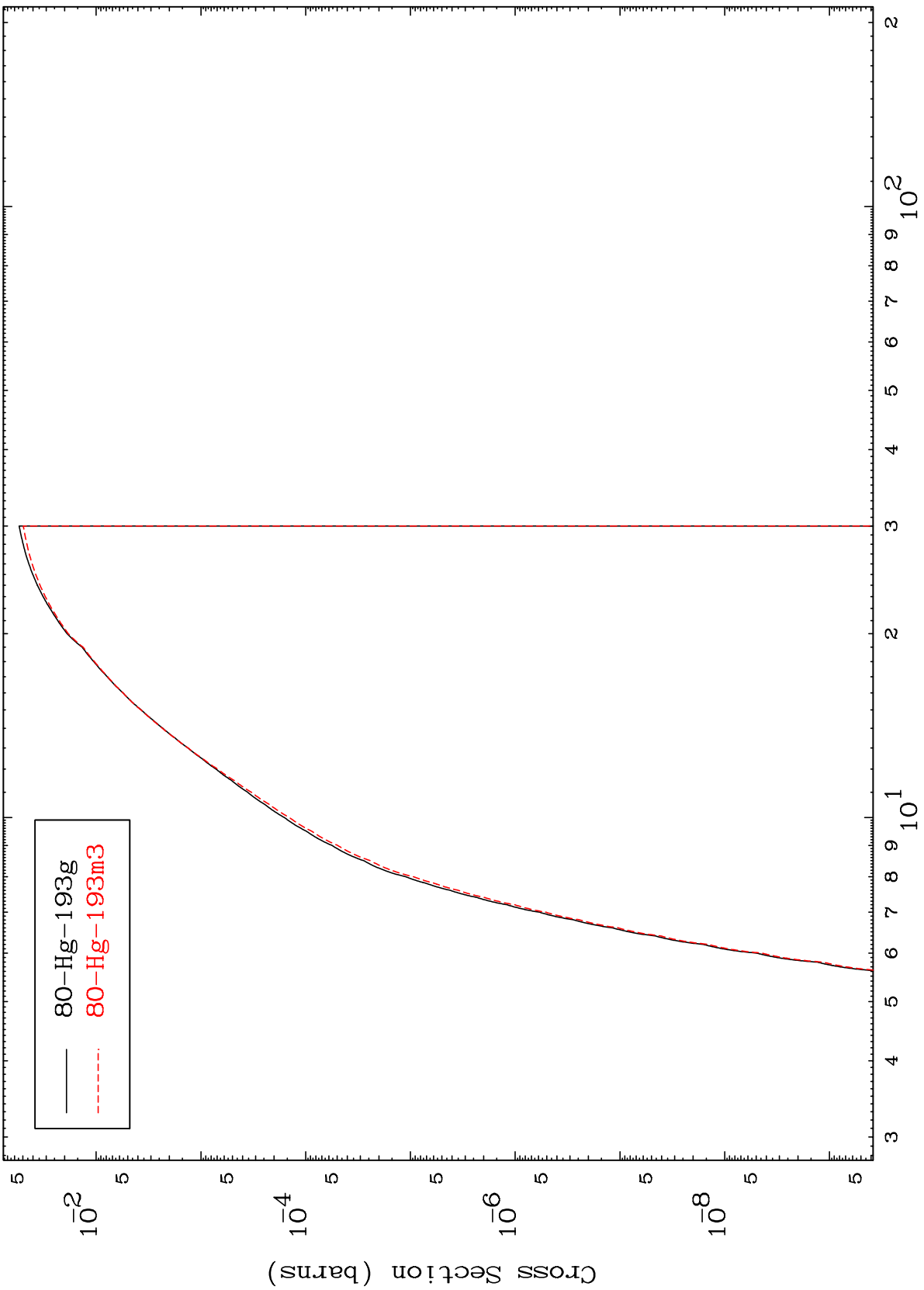
81-Tl-194m

MAT 8099

(n,n') p

81-Tl-194m

Radionuclide Production Cross Section



80-Hg-193g
80-Hg-193m3

Incident Energy (MeV)

81-Tl-194m

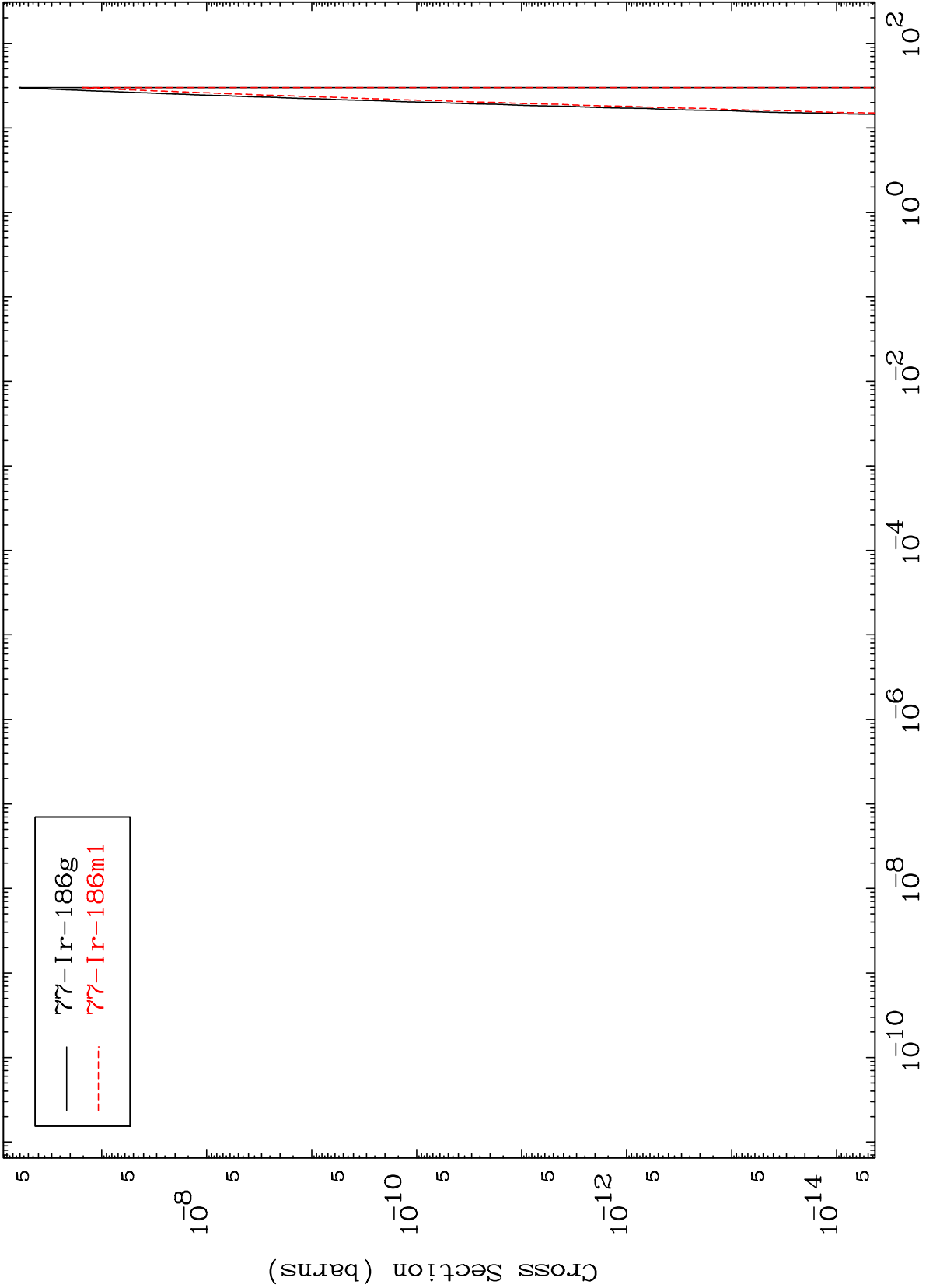
26

MAT 8099

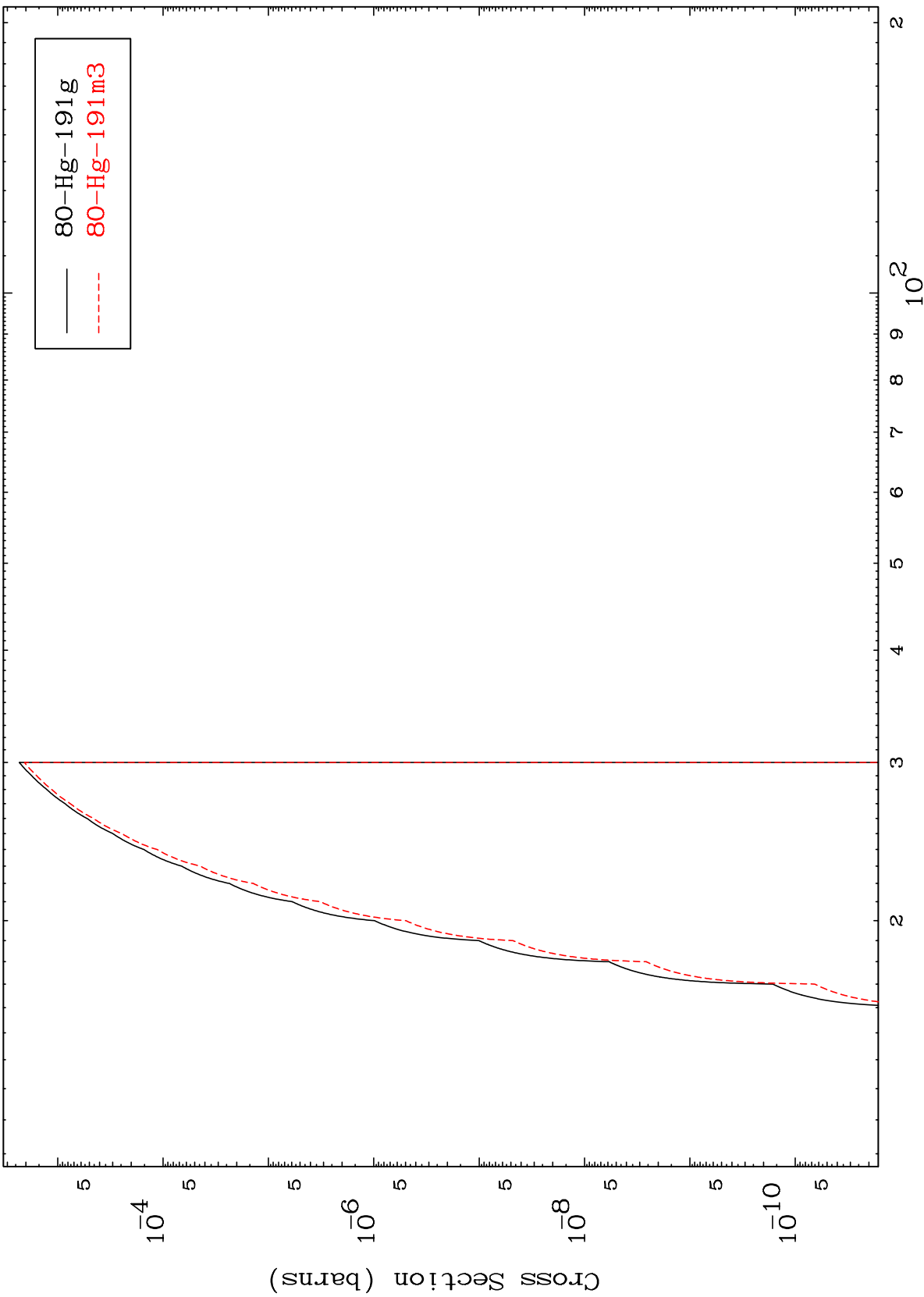
(n,n') 2 α

81-Tl-194m

Radionuclide Production Cross Section



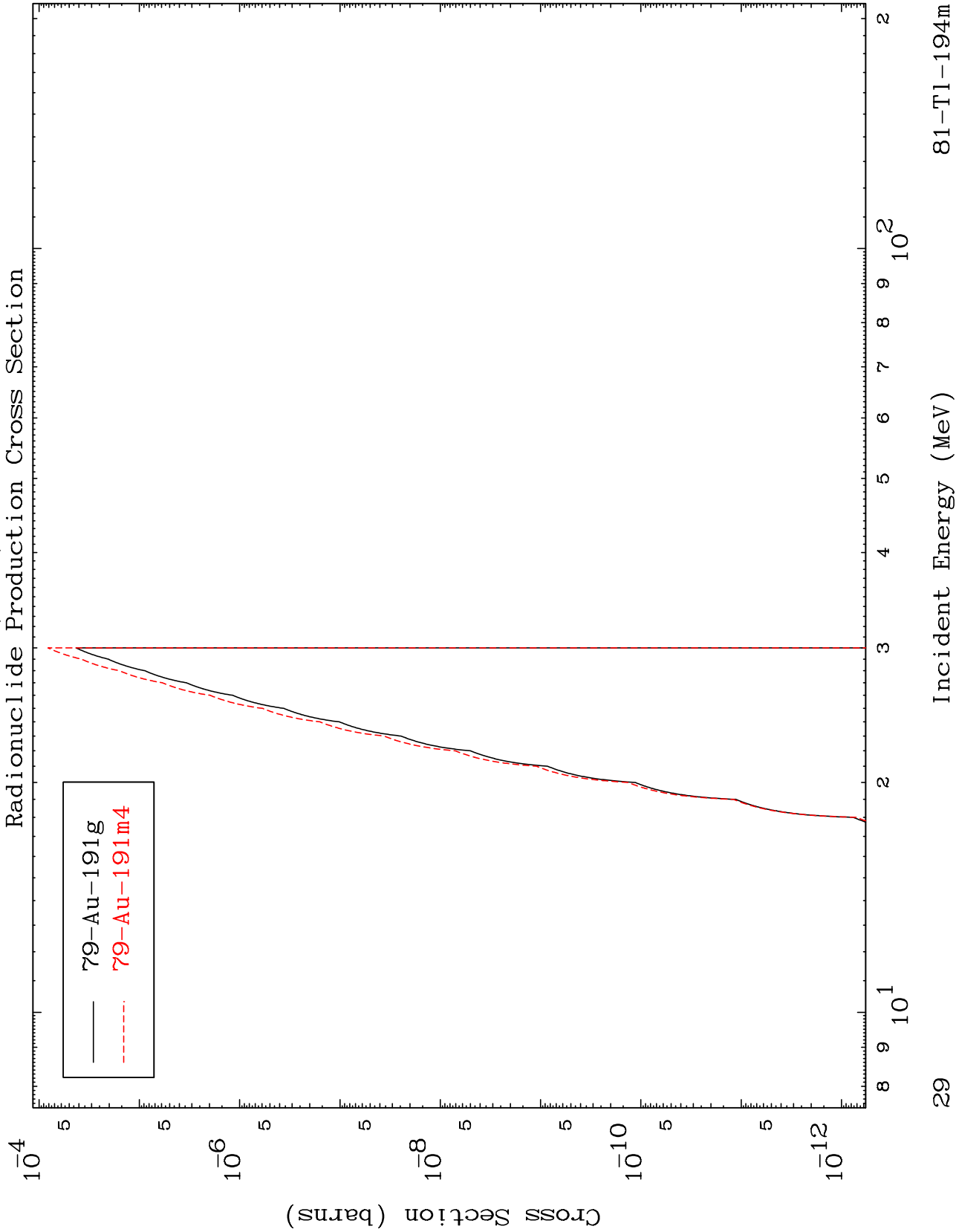
Radionuclide Production Cross Section



MAT 8099

(n,n') He-3

81-Tl-194m

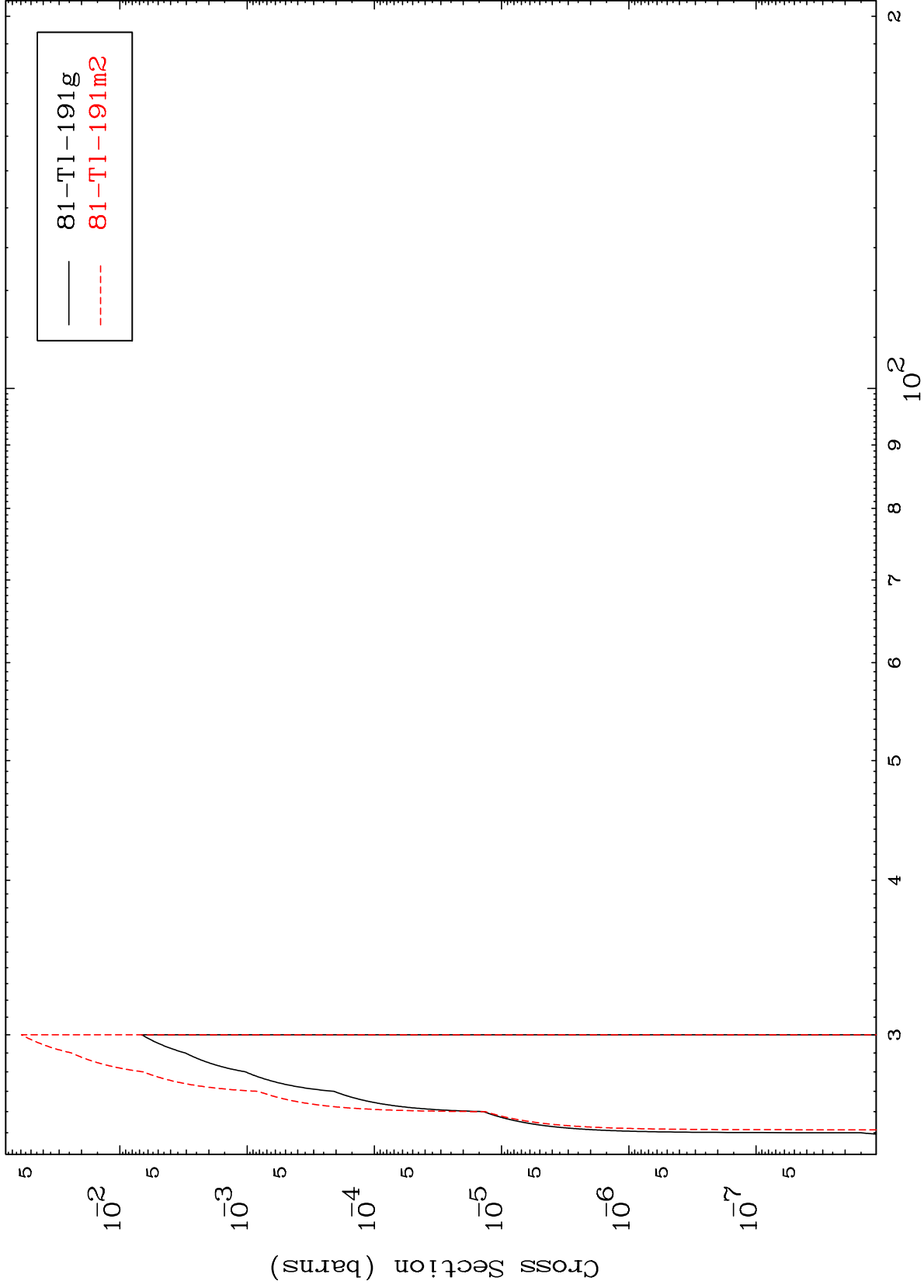


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(n,4n)

81-Tl-194m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

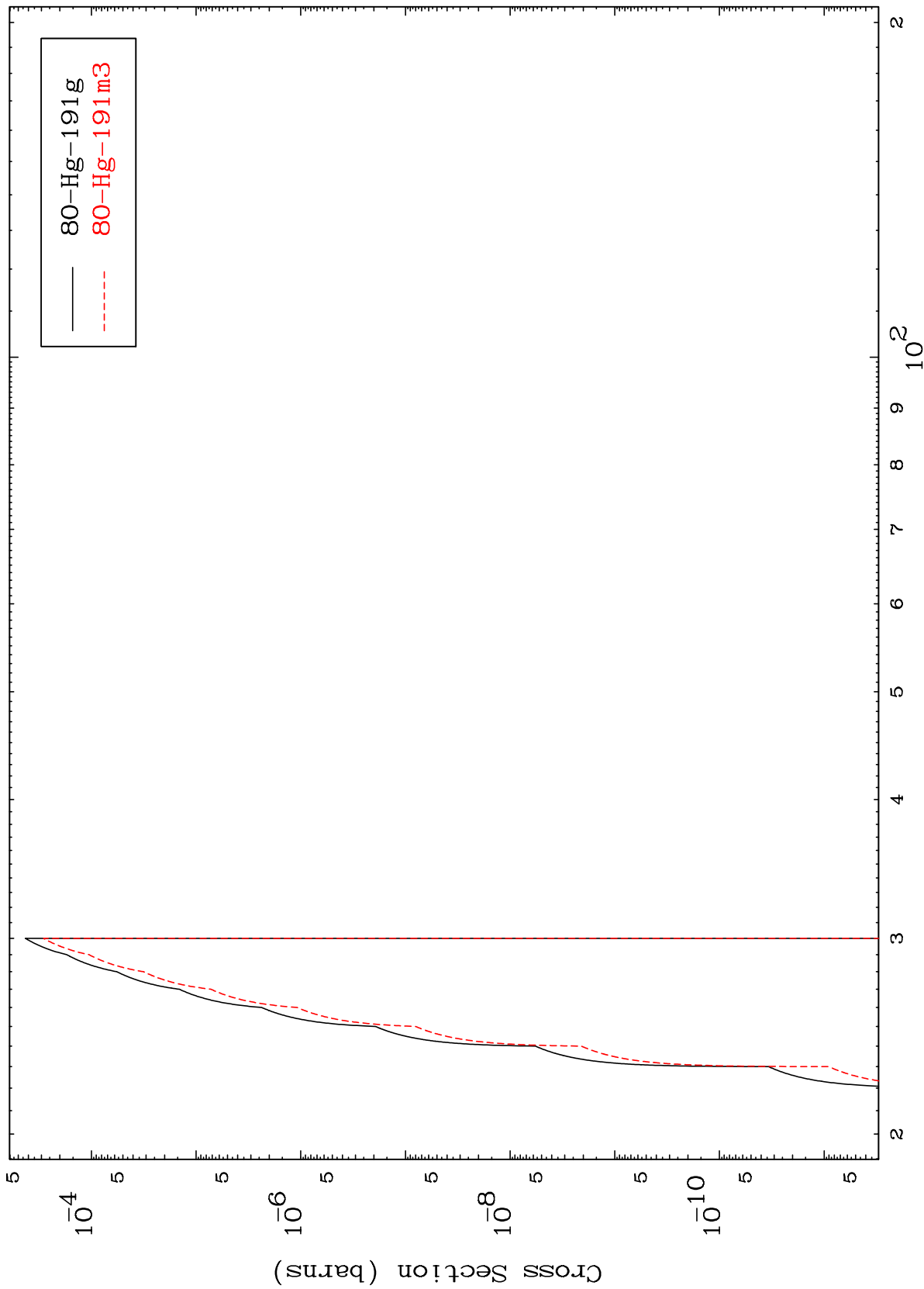
81-Tl-194m

MAT 8099

(n,3n) p

81-TI-194m

Radionuclide Production Cross Section



80-Hg-191g
80-Hg-191m3

31

Incident Energy (MeV)

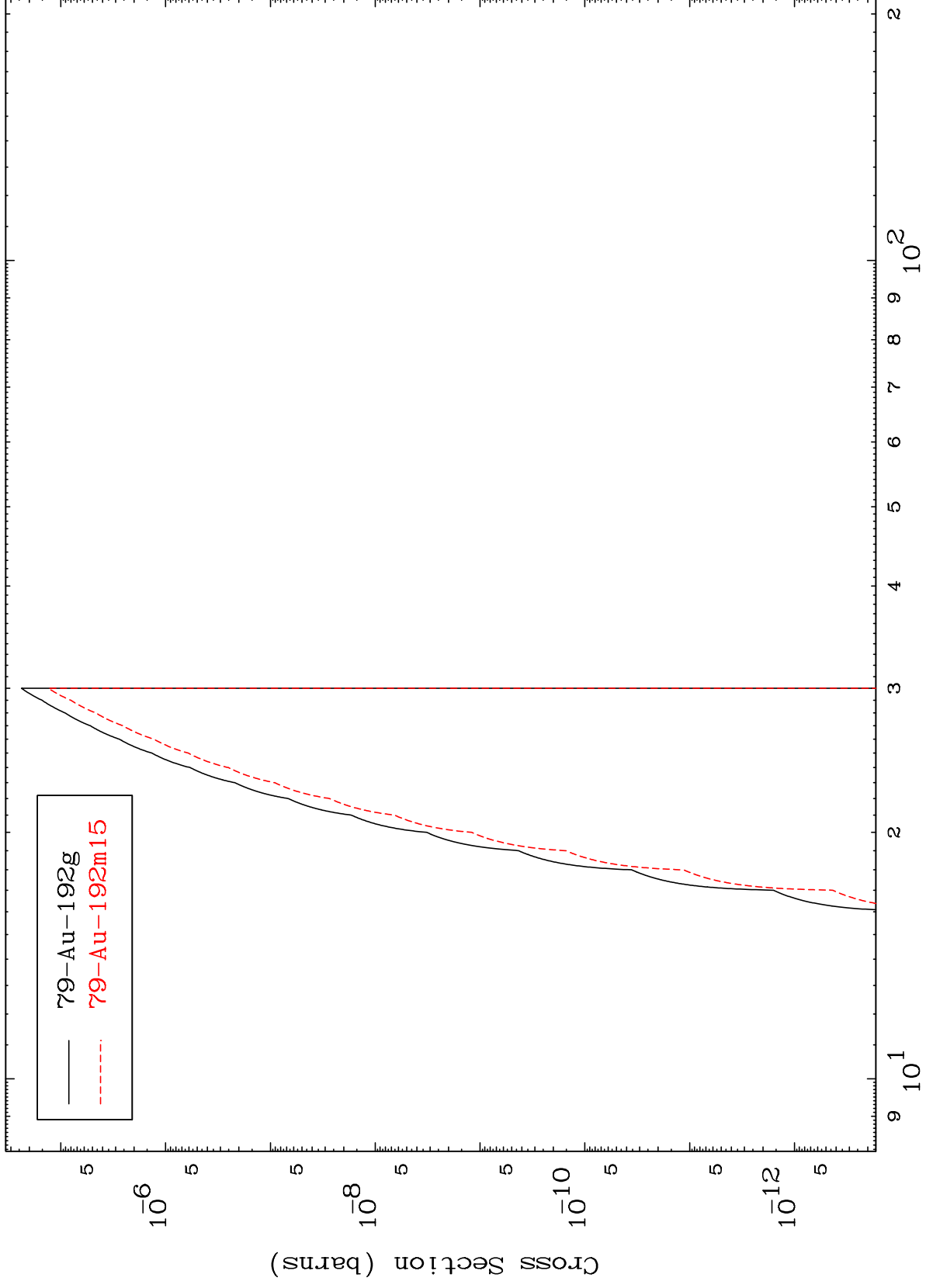
81-TI-194m

MAT 8099

(n,2n) p

81-Tl-194m

Radionuclide Production Cross Section



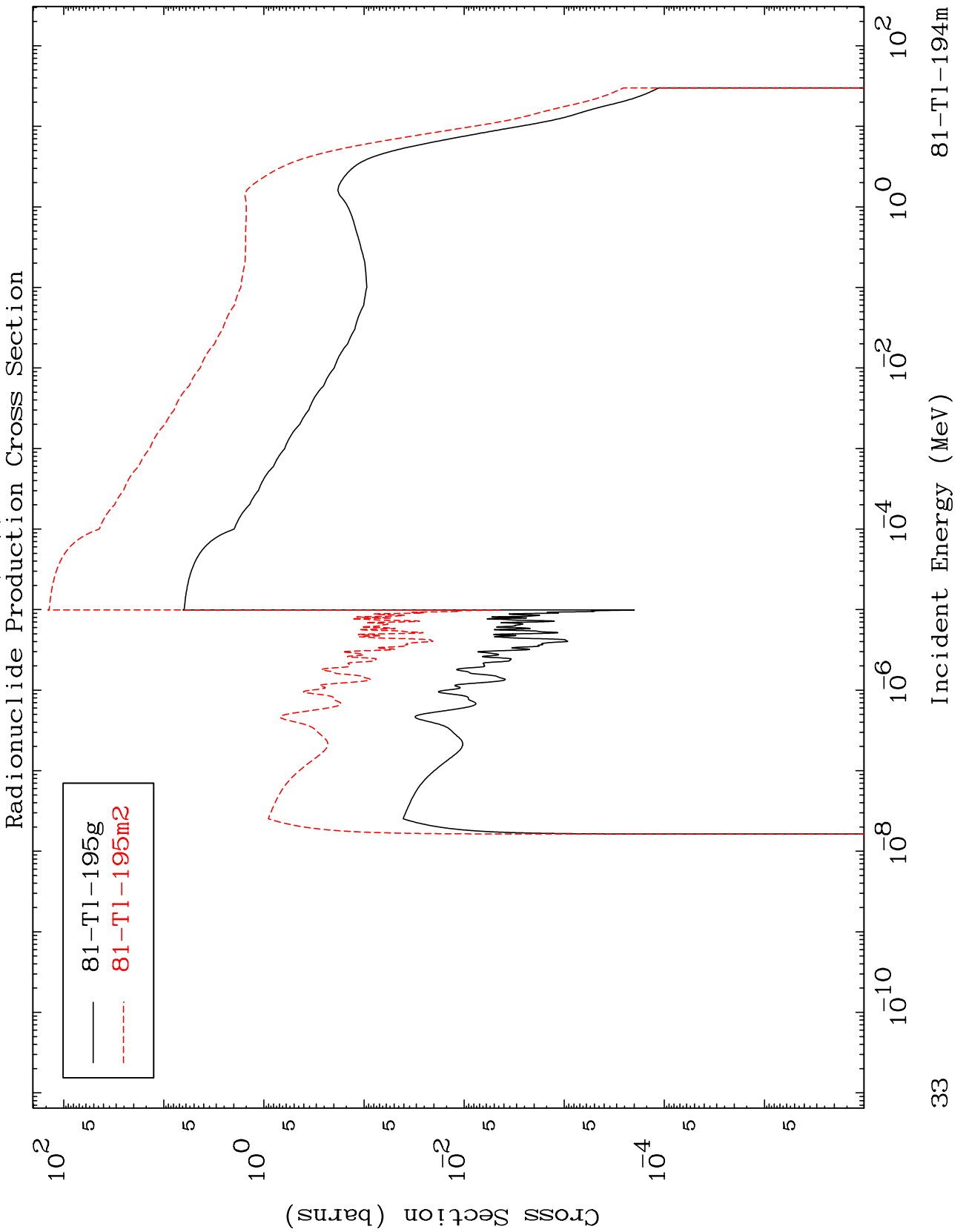
32

Incident Energy (MeV)

81-Tl-194m

MAT 8099

81-Tl-194m

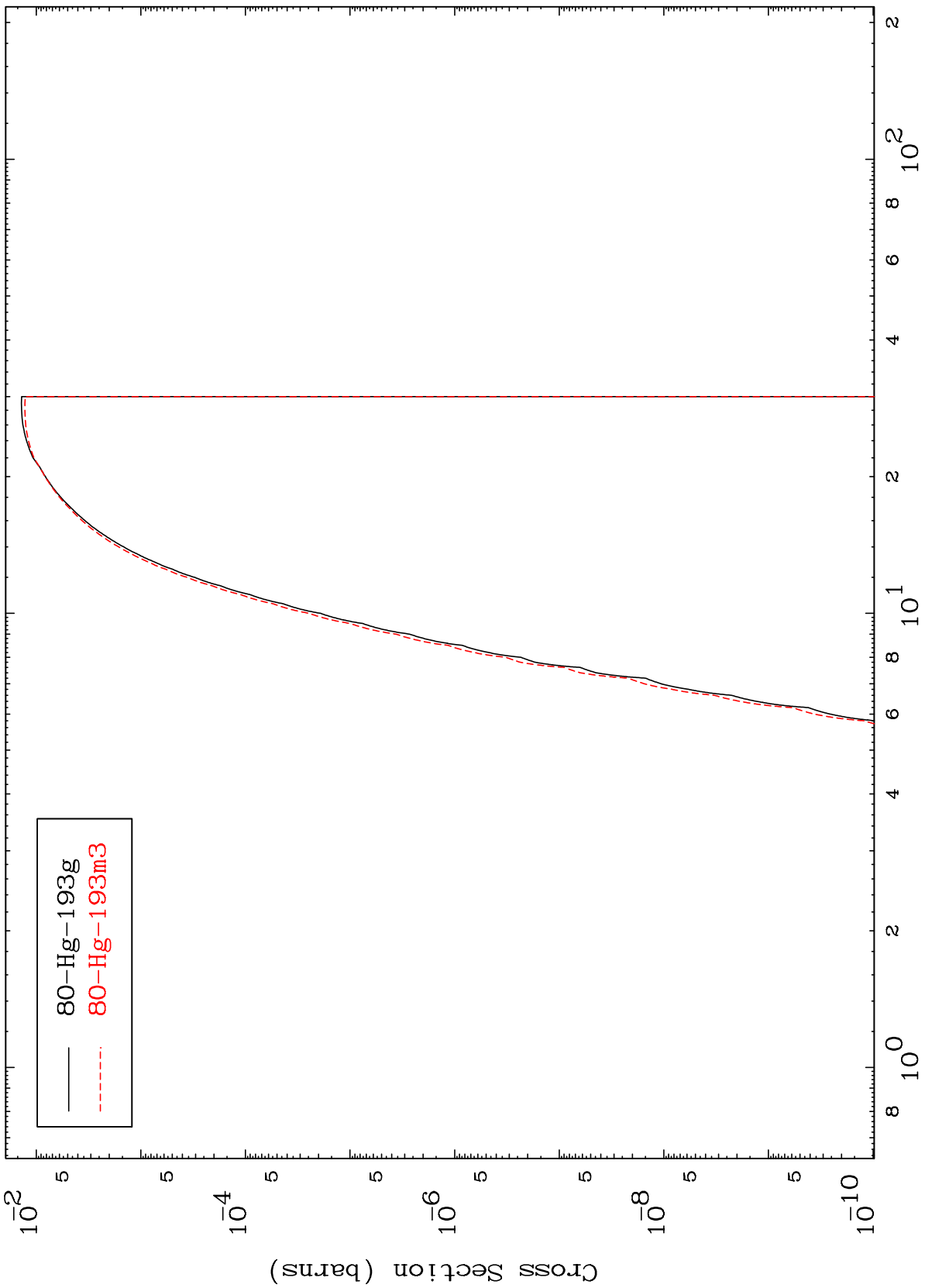


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(n,d)

81-Tl-194m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

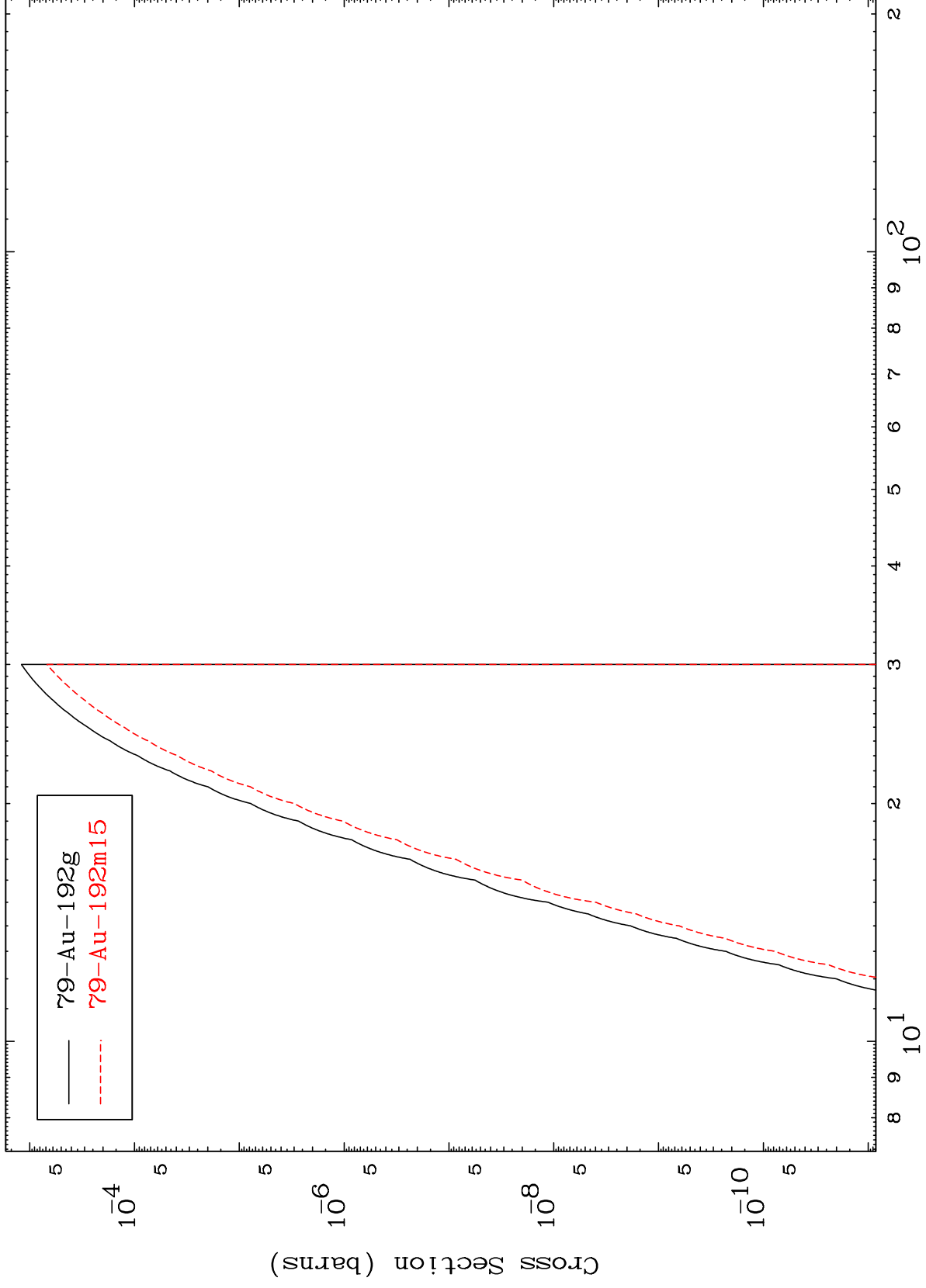
81-Tl-194m

MAT 8099

(n,He-3)

81-Tl-194m

Radionuclide Production Cross Section



35

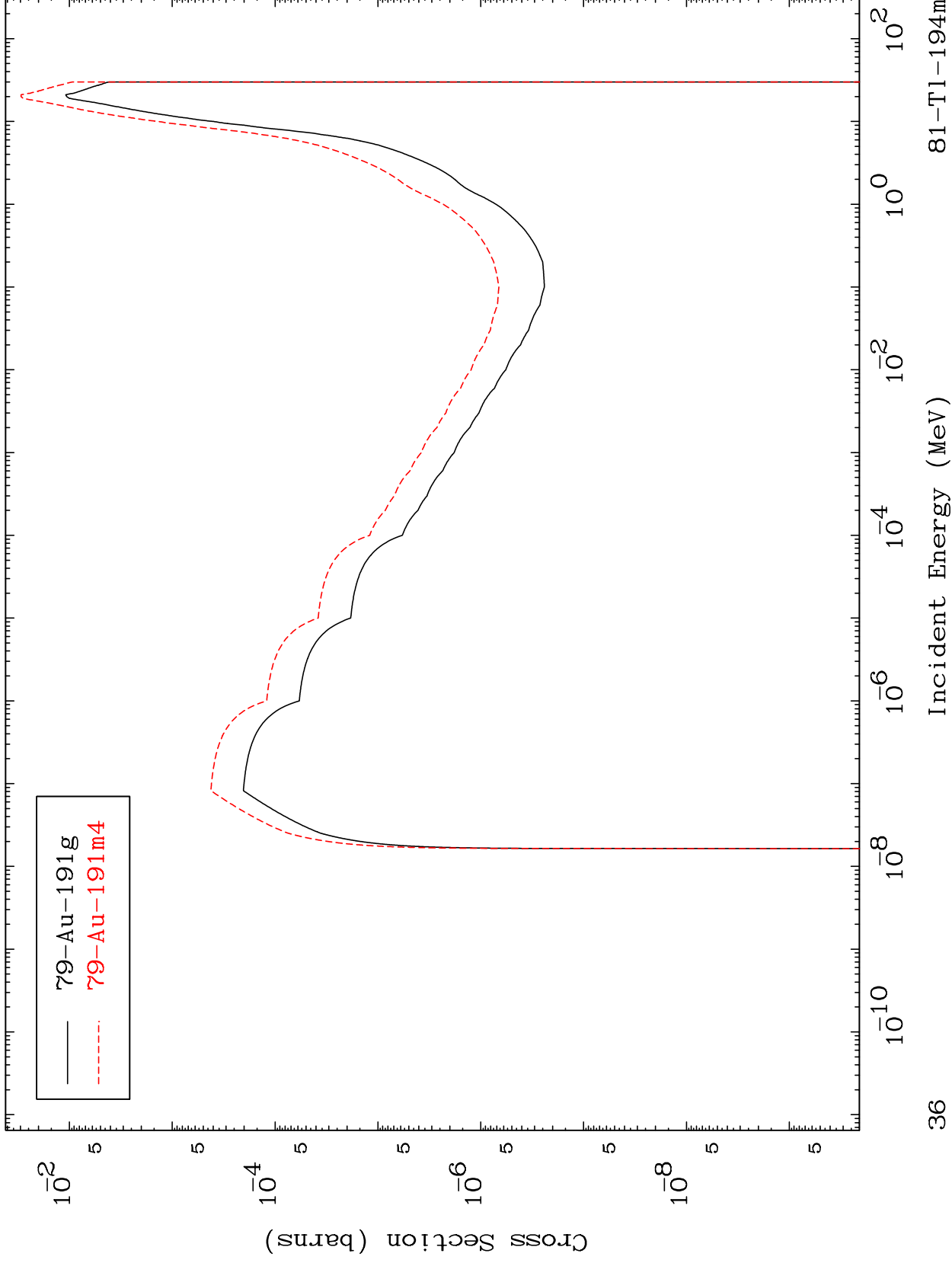
Incident Energy (MeV)

81-Tl-194m

MAT 8099

81-Tl-194m

Radionuclide Production Cross Section
(n, α)

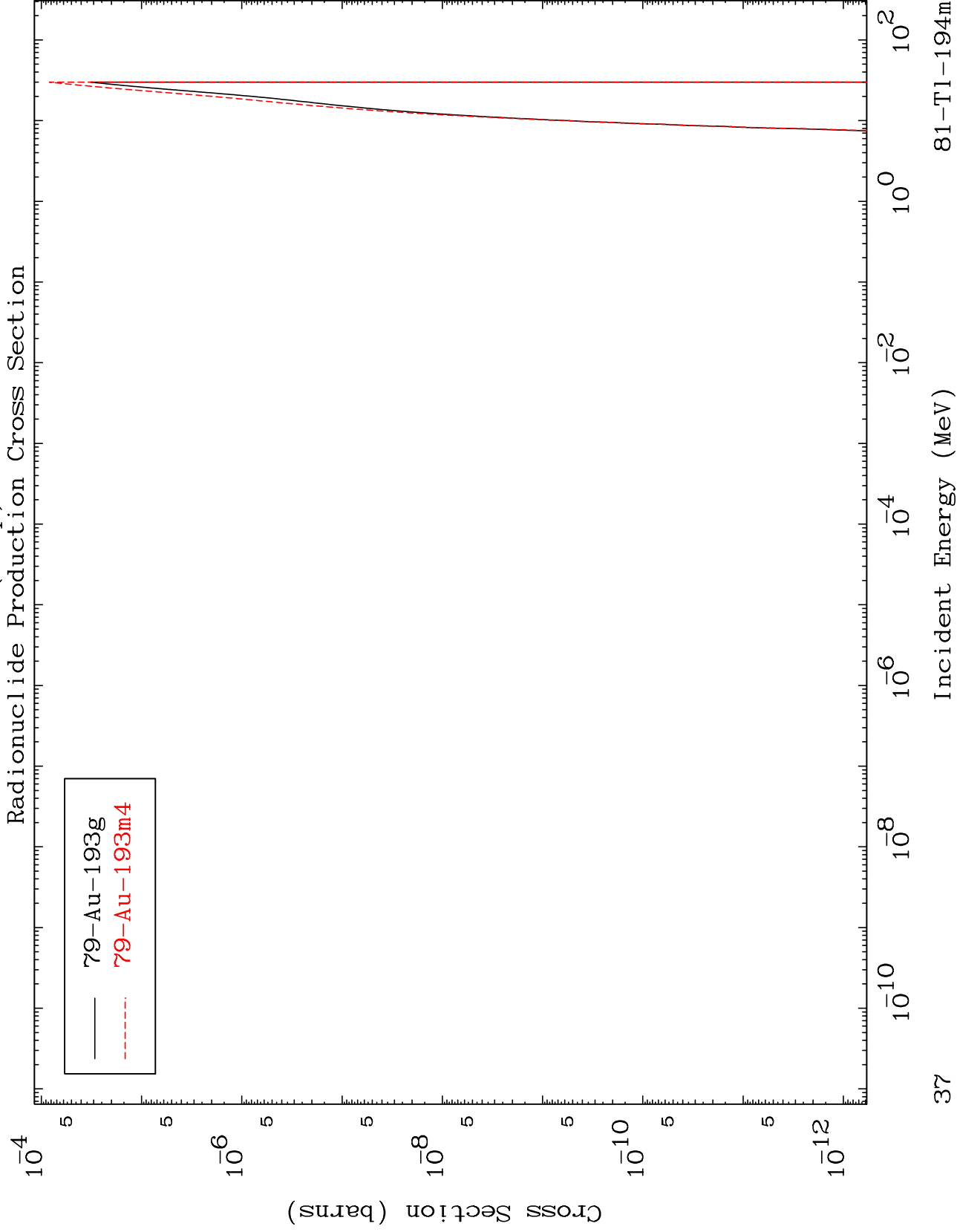


MAT 8099

(n,2p)

81-Tl-194m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

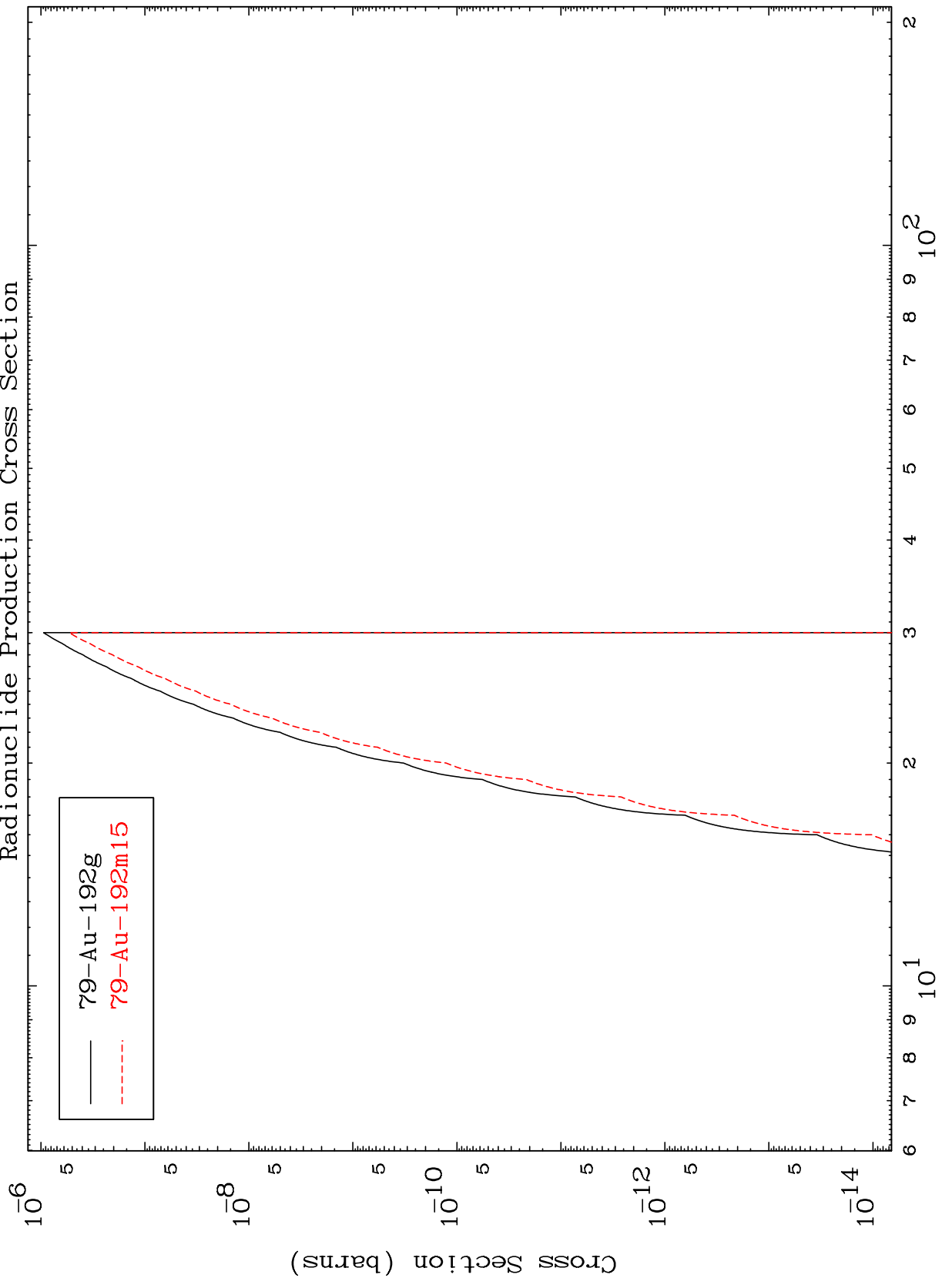
81-Tl-194m

MAT 8099

(n,p) d

81-Tl-194m

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-194m

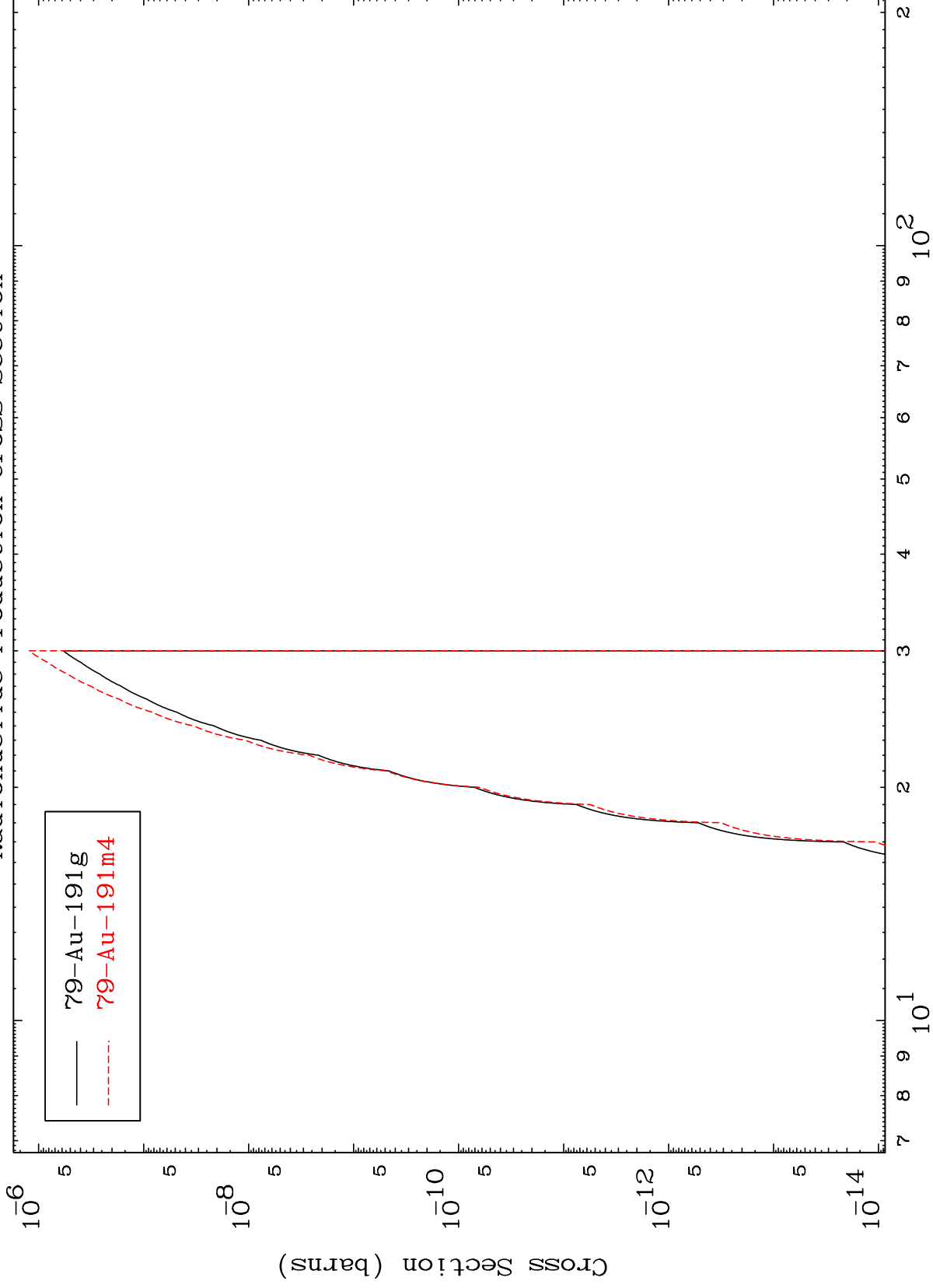
38

MAT 8099

(n,p) t

81-Tl-194m

Radionuclide Production Cross Section



39

Incident Energy (MeV)

81-Tl-194m