

Program EVALPLOT
(Version 2015-2)

by

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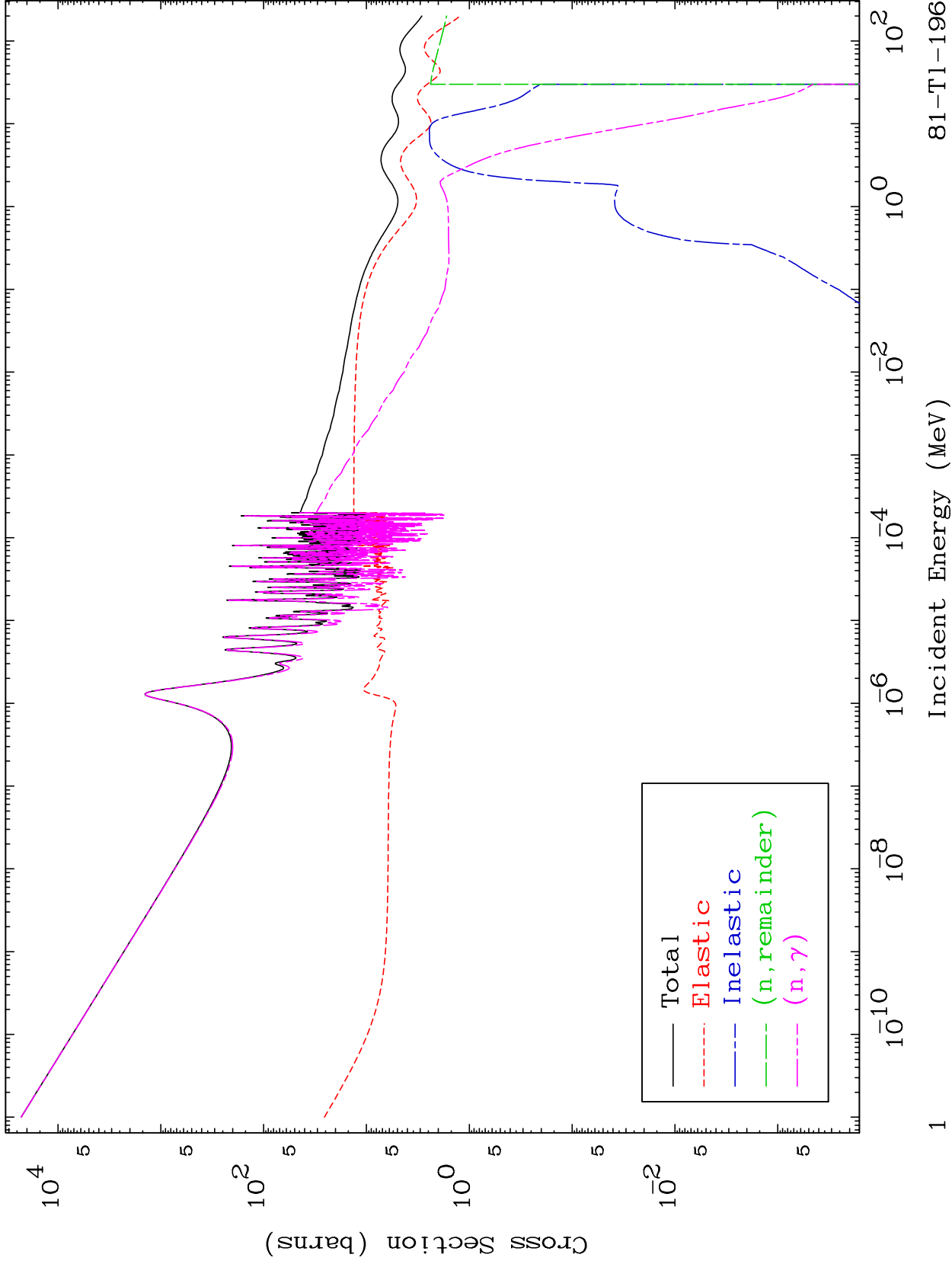
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8105

Major
293 Kelvin Cross Sections

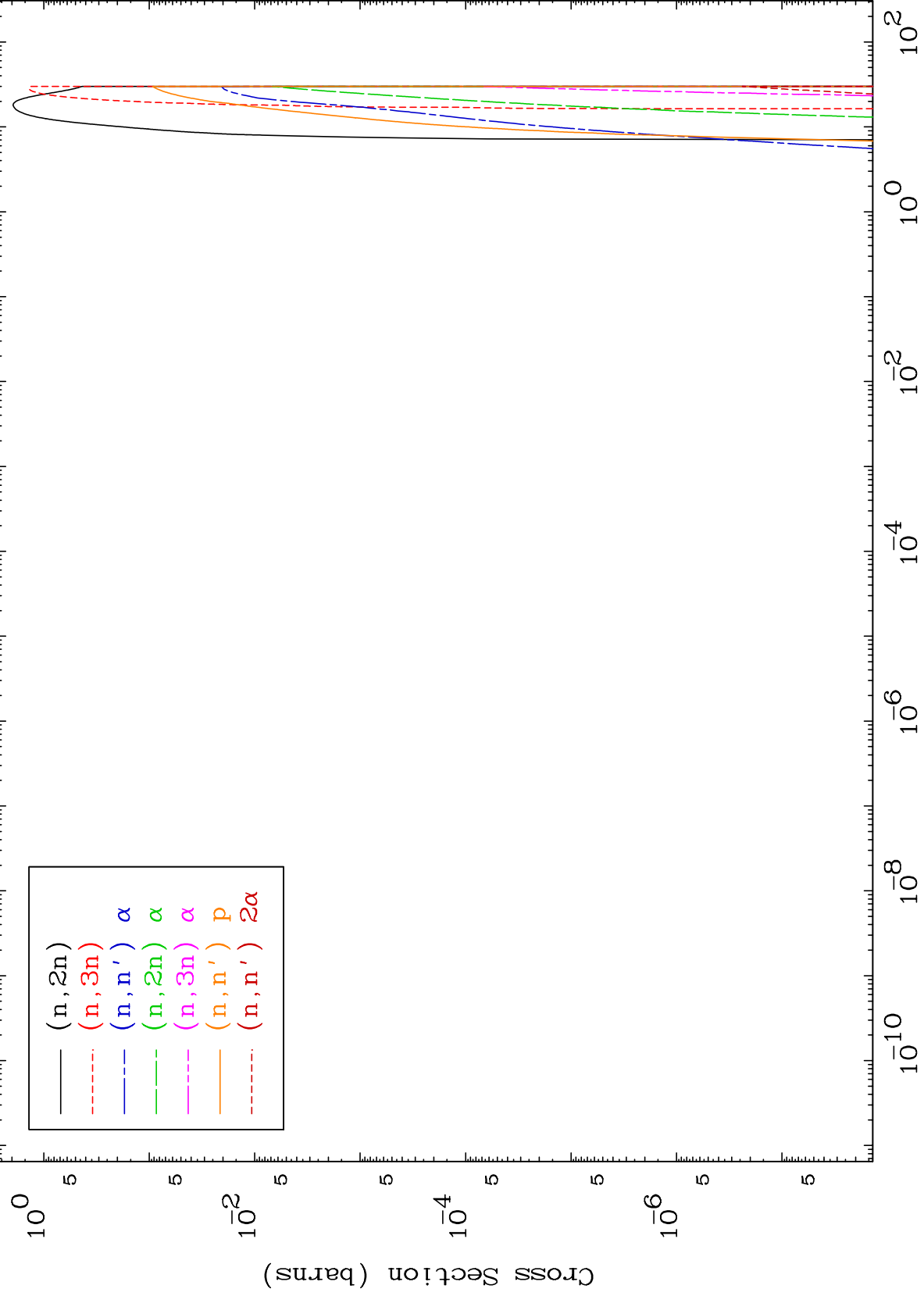
81-T1-196



MAT 8105

Neutron Production
293 Kelvin Cross Sections

81-Tl-196



81-Tl-196

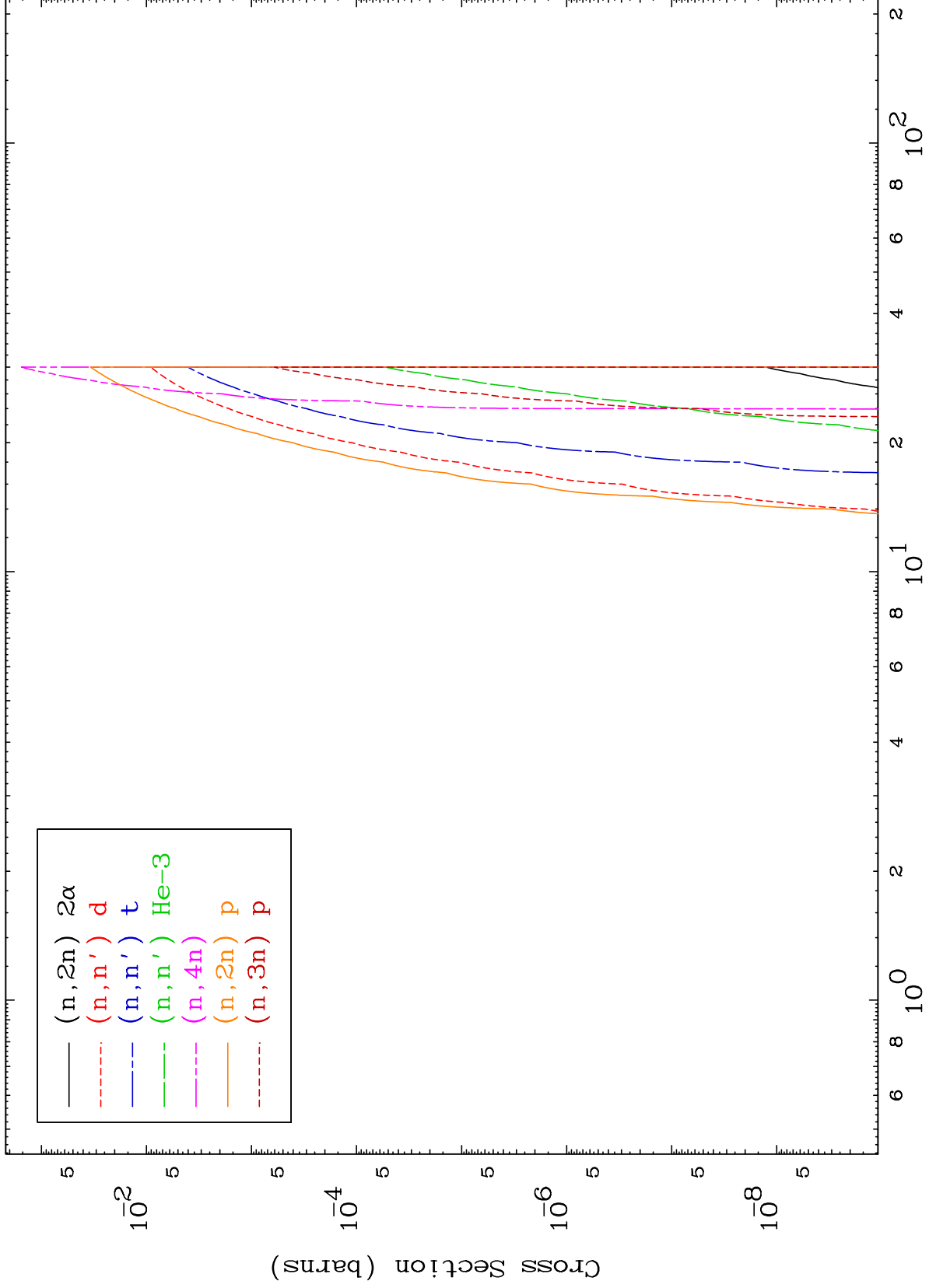
Incident Energy (MeV)

MAT 8105

Neutron Production

81-Tl-196

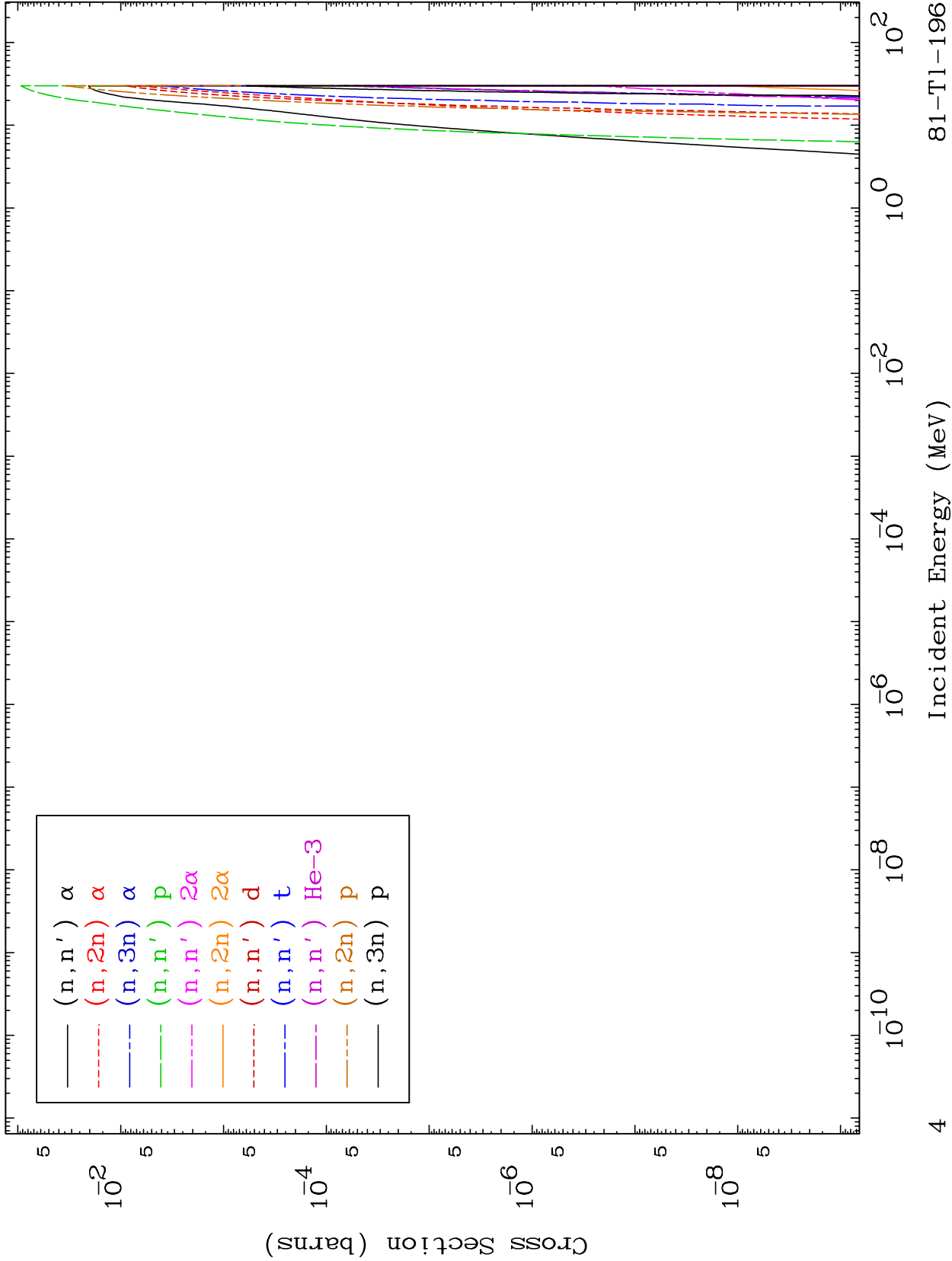
293 Kelvin Cross Sections



MAT 8105

Charged Particle
293 Kelvin Cross Sections

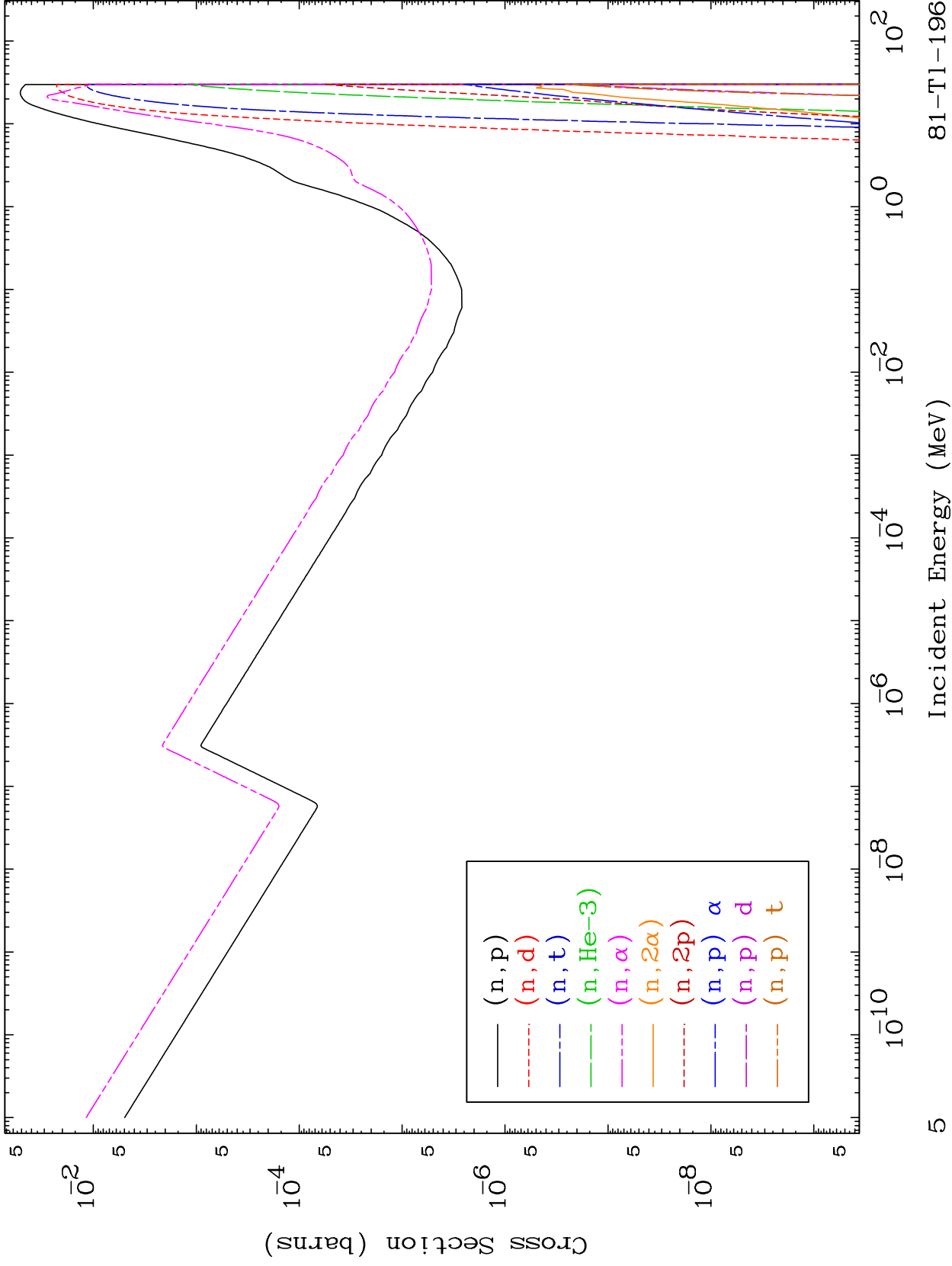
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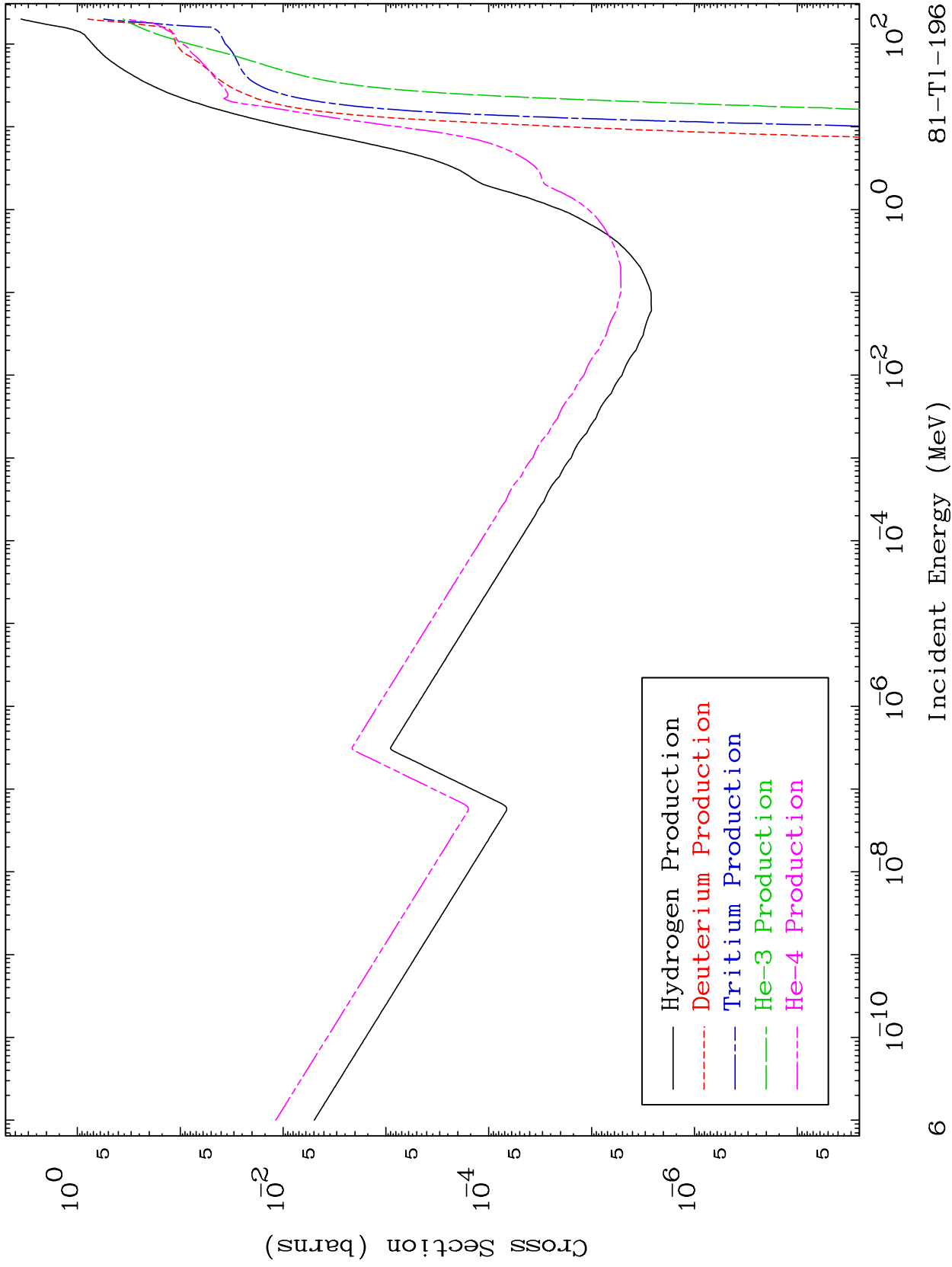


MAT 8105

Charged Particle
293 Kelvin Cross Sections

81-Tl-196

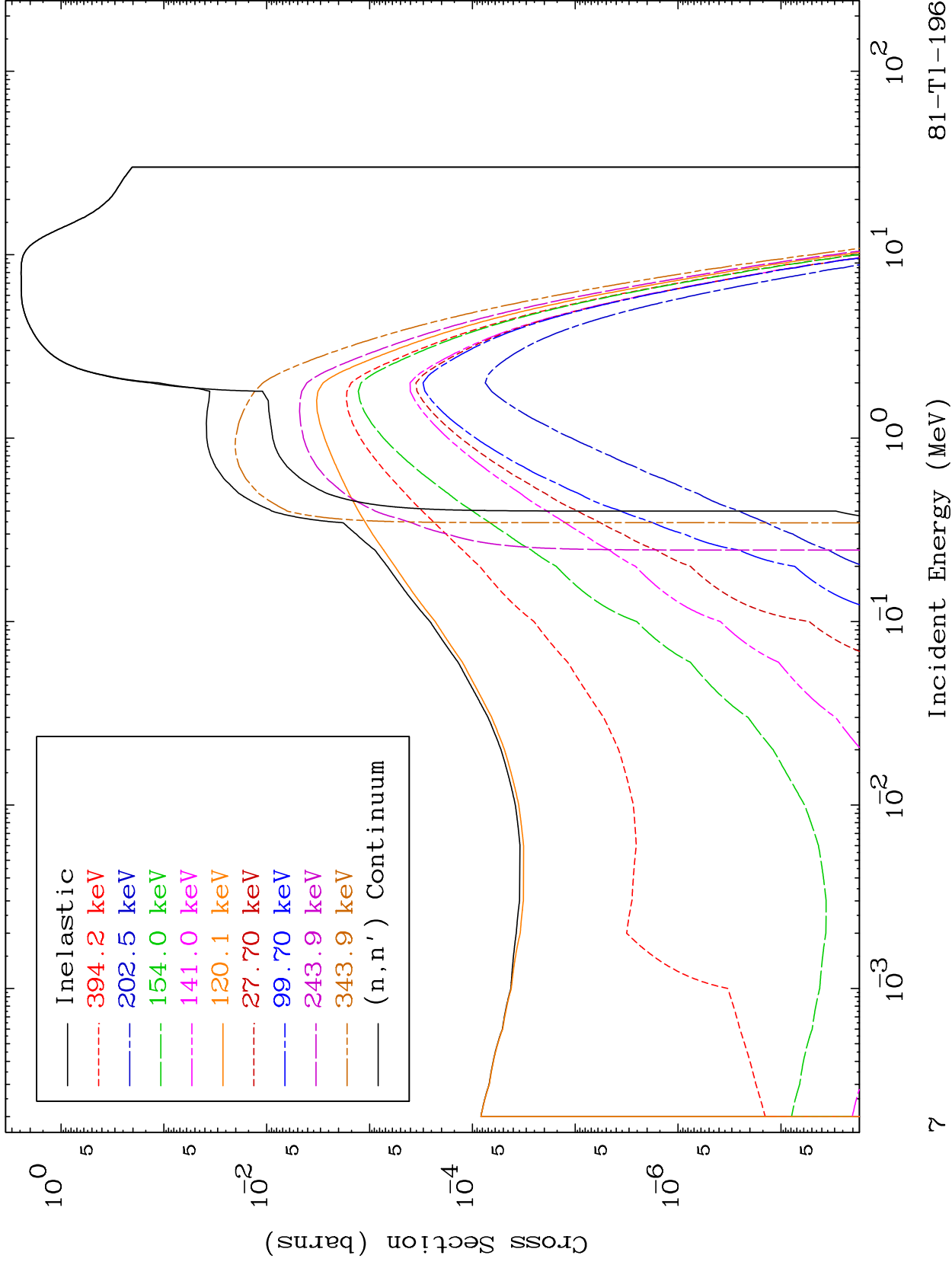




MAT 8105

(n,n') Level
293 Kelvin Cross Sections

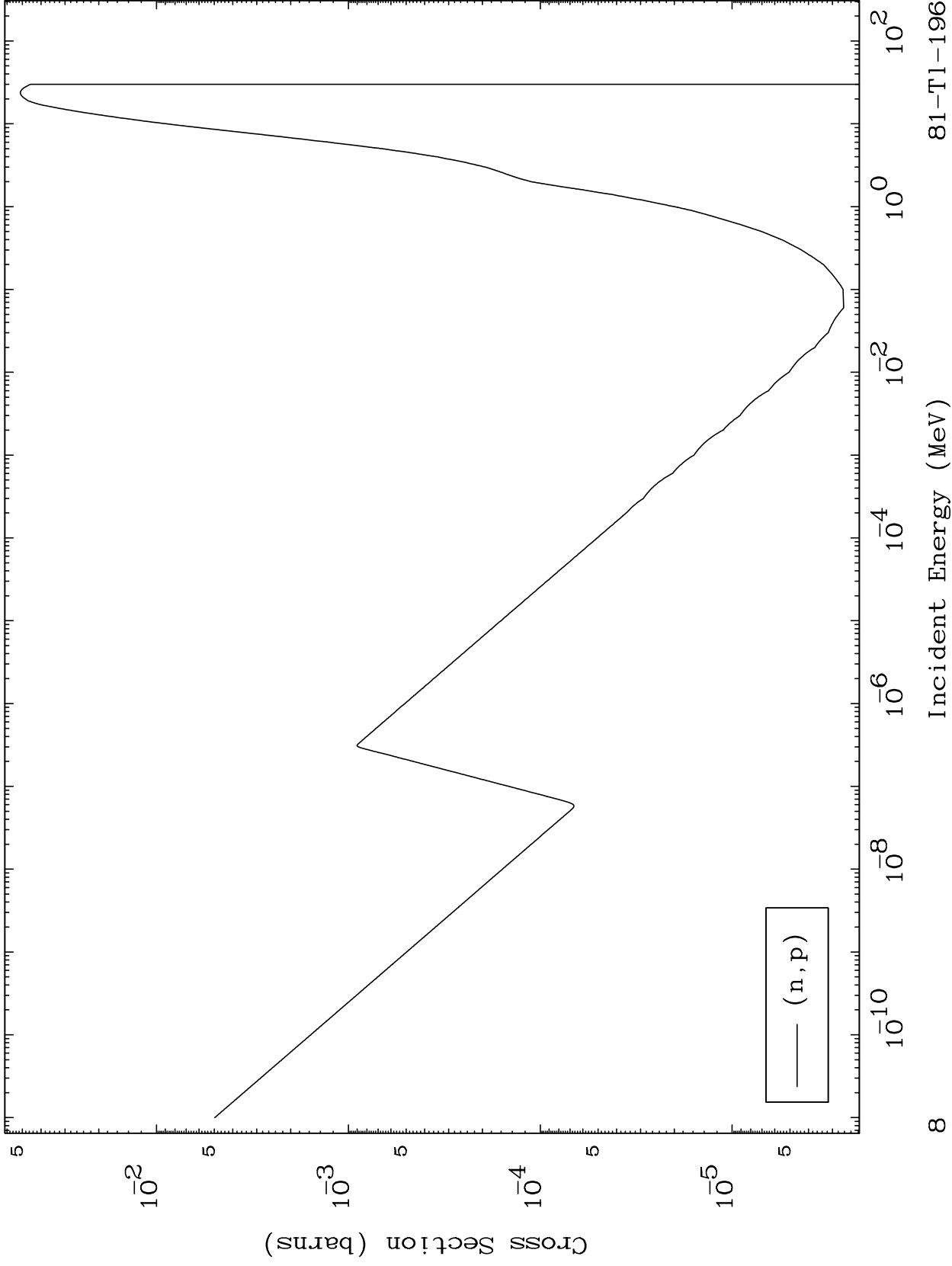
81-Tl-196



MAT 8105

(n,p) Levels
293 Kelvin Cross Sections

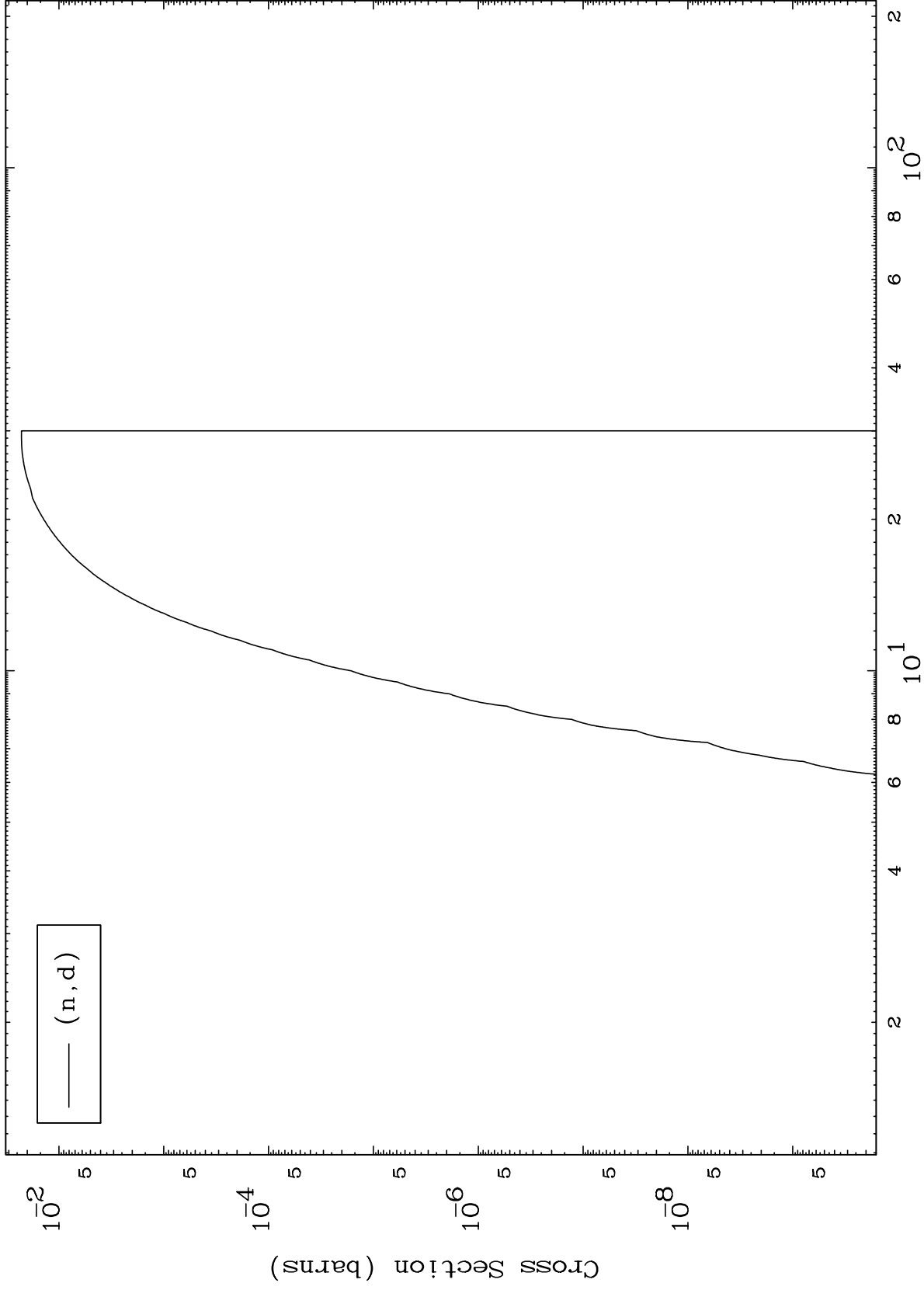
81-Tl-196



MAT 8105

(n,d) Levels
293 Kelvin Cross Sections

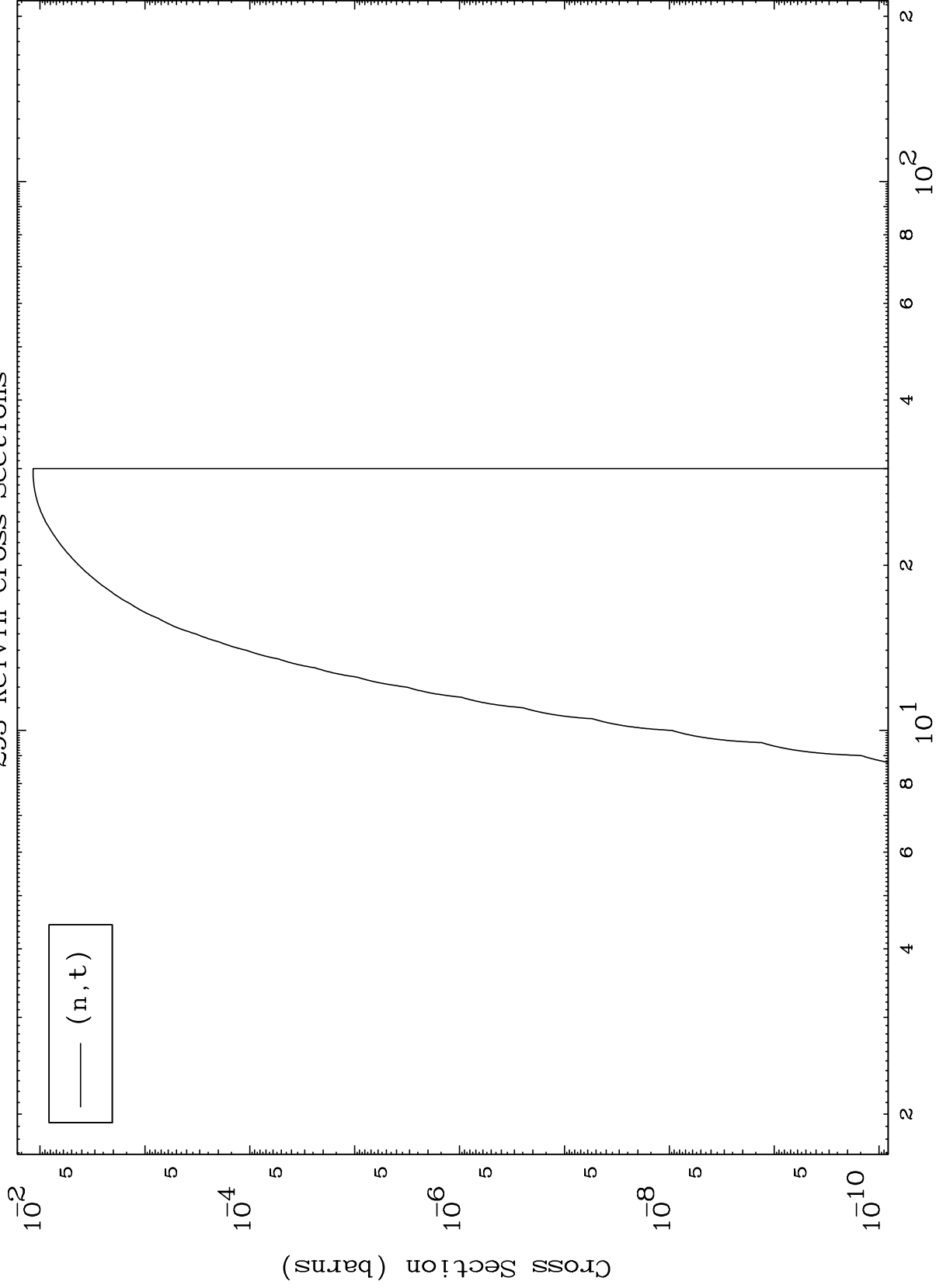
81-Tl-196



MAT 8105

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-196



10

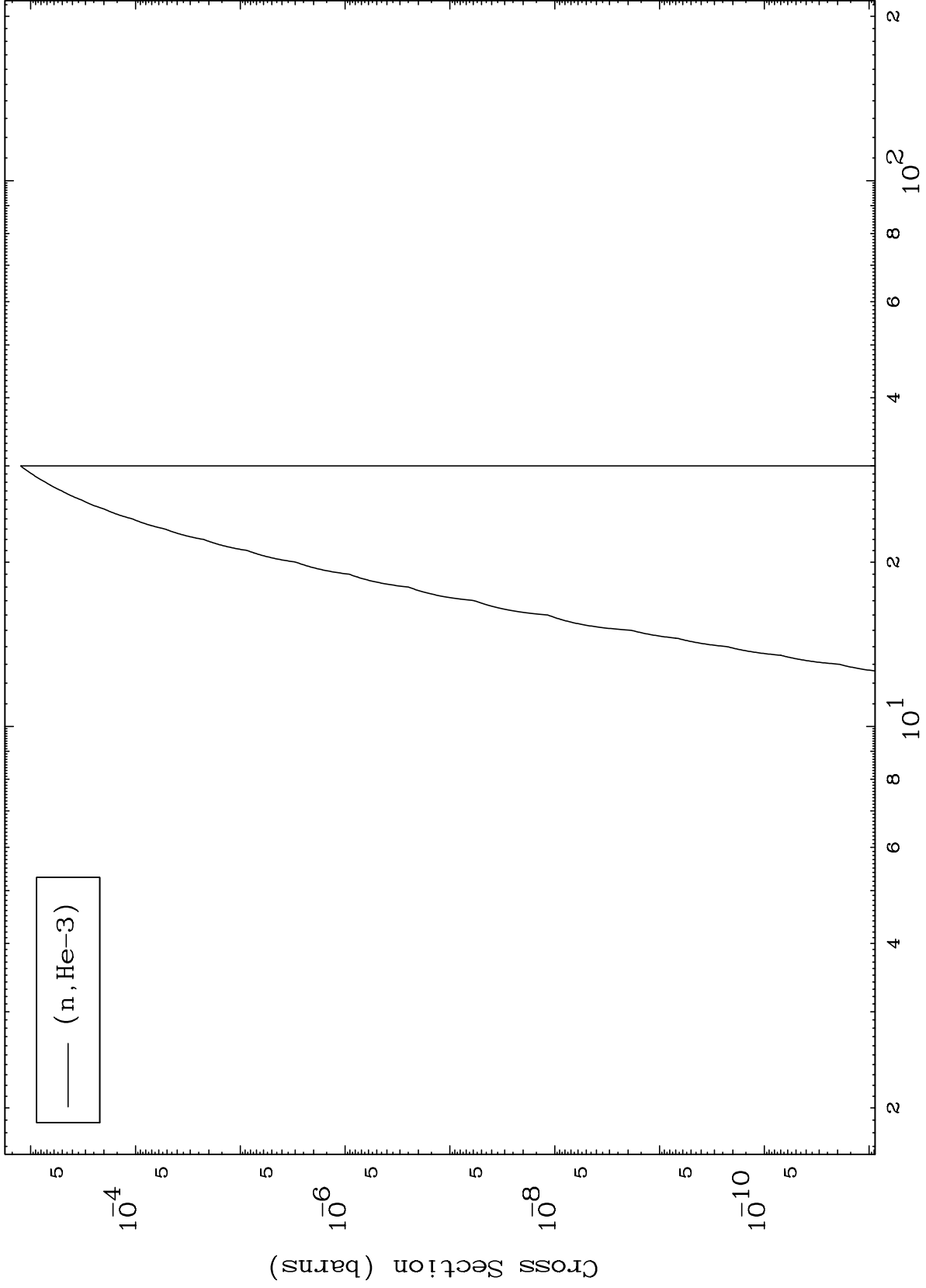
Incident Energy (MeV)

81-Tl-196

MAT 8105

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-196



11

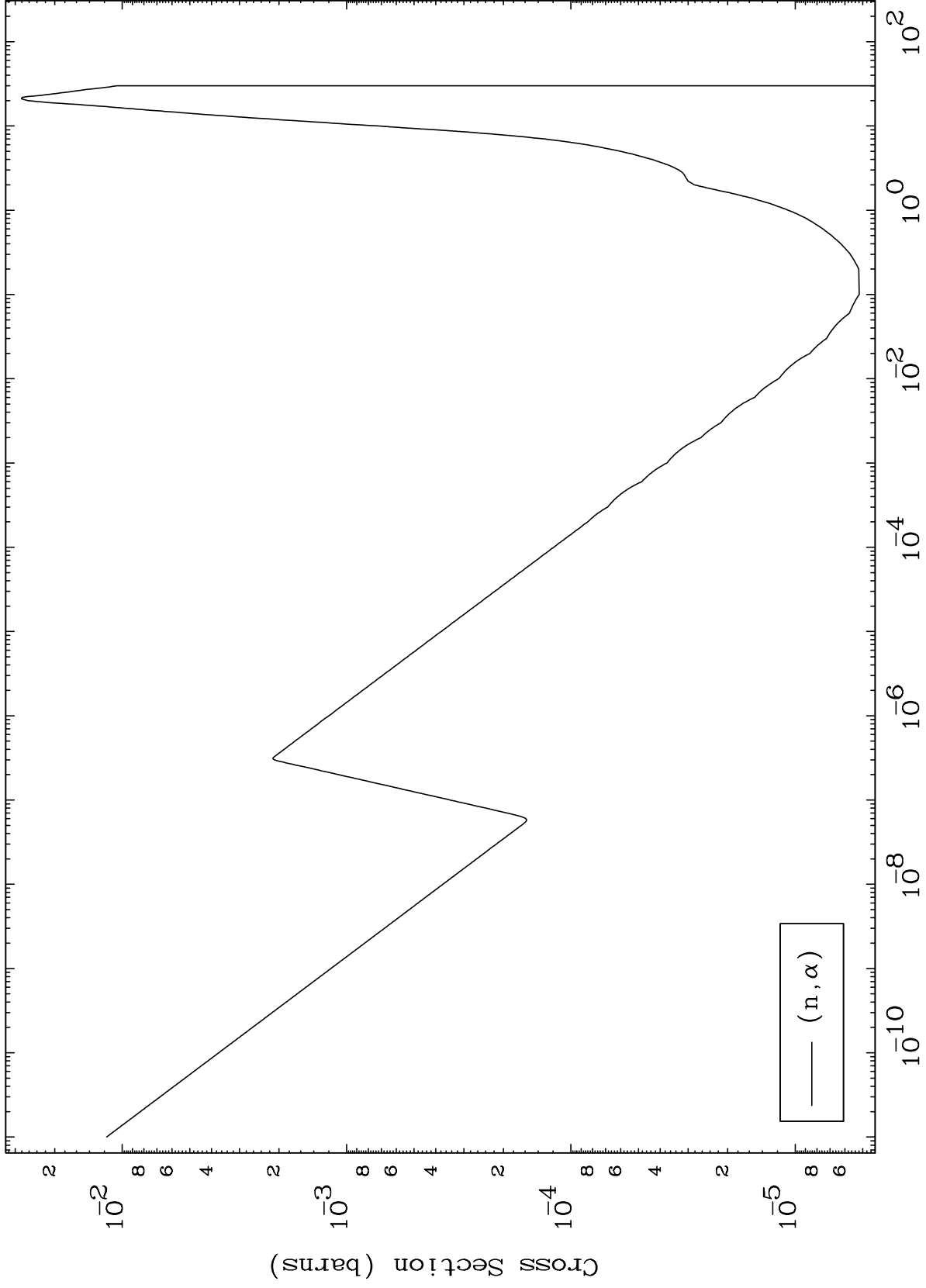
Incident Energy (MeV)

81-T1-196

MAT 8105

(n,α) Levels
293 Kelvin Cross Sections

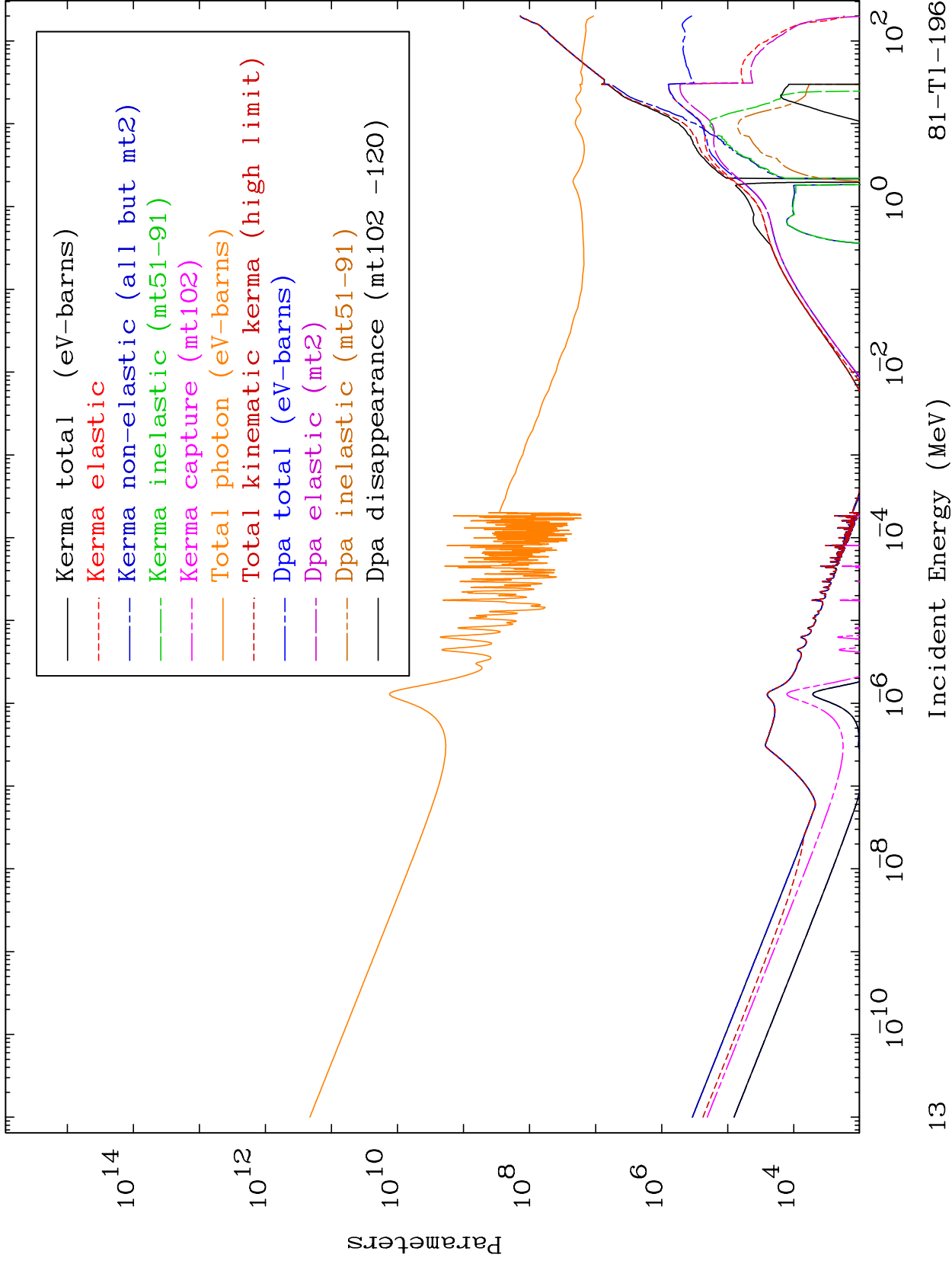
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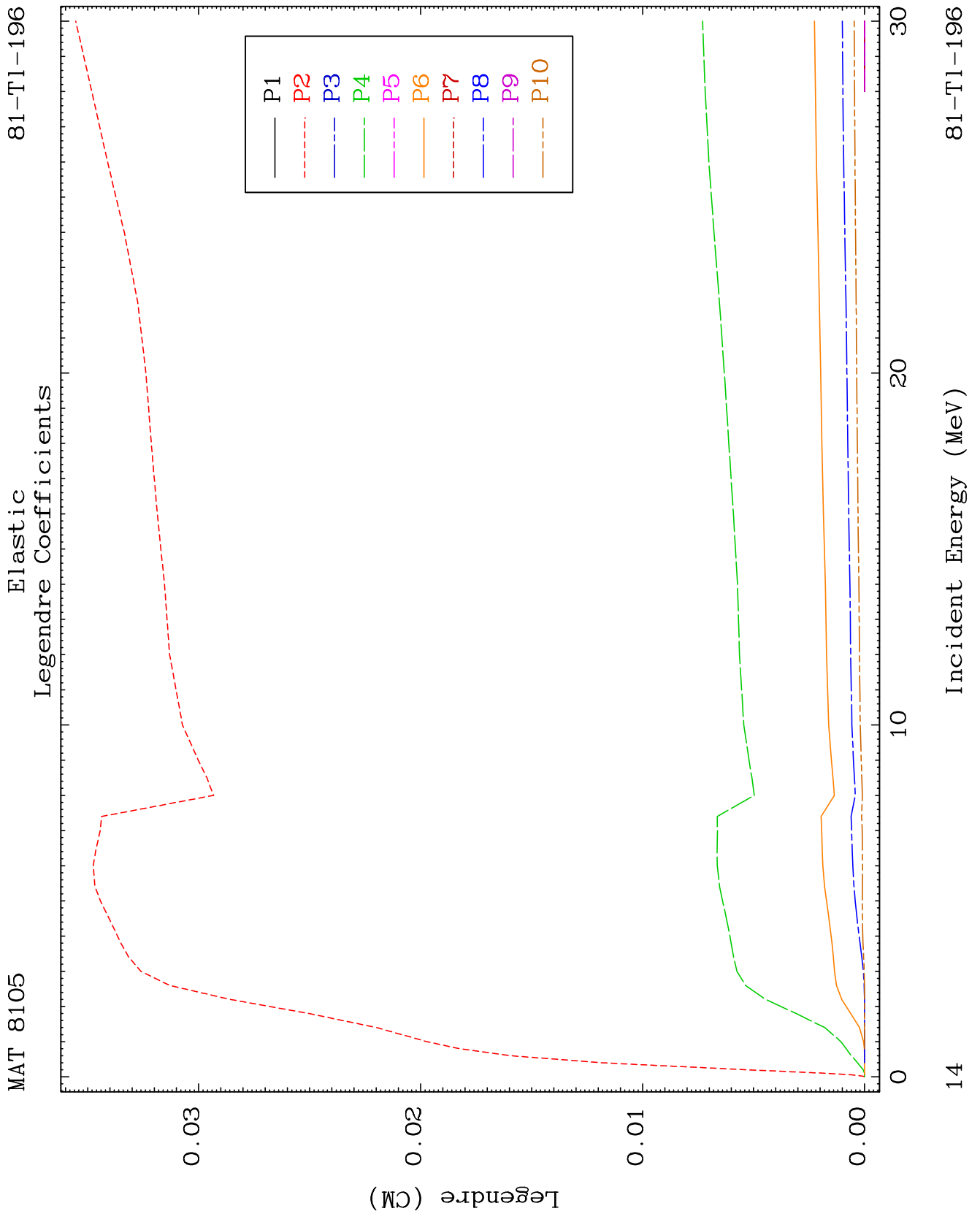


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Incident Energy (MeV)

81-Tl-196

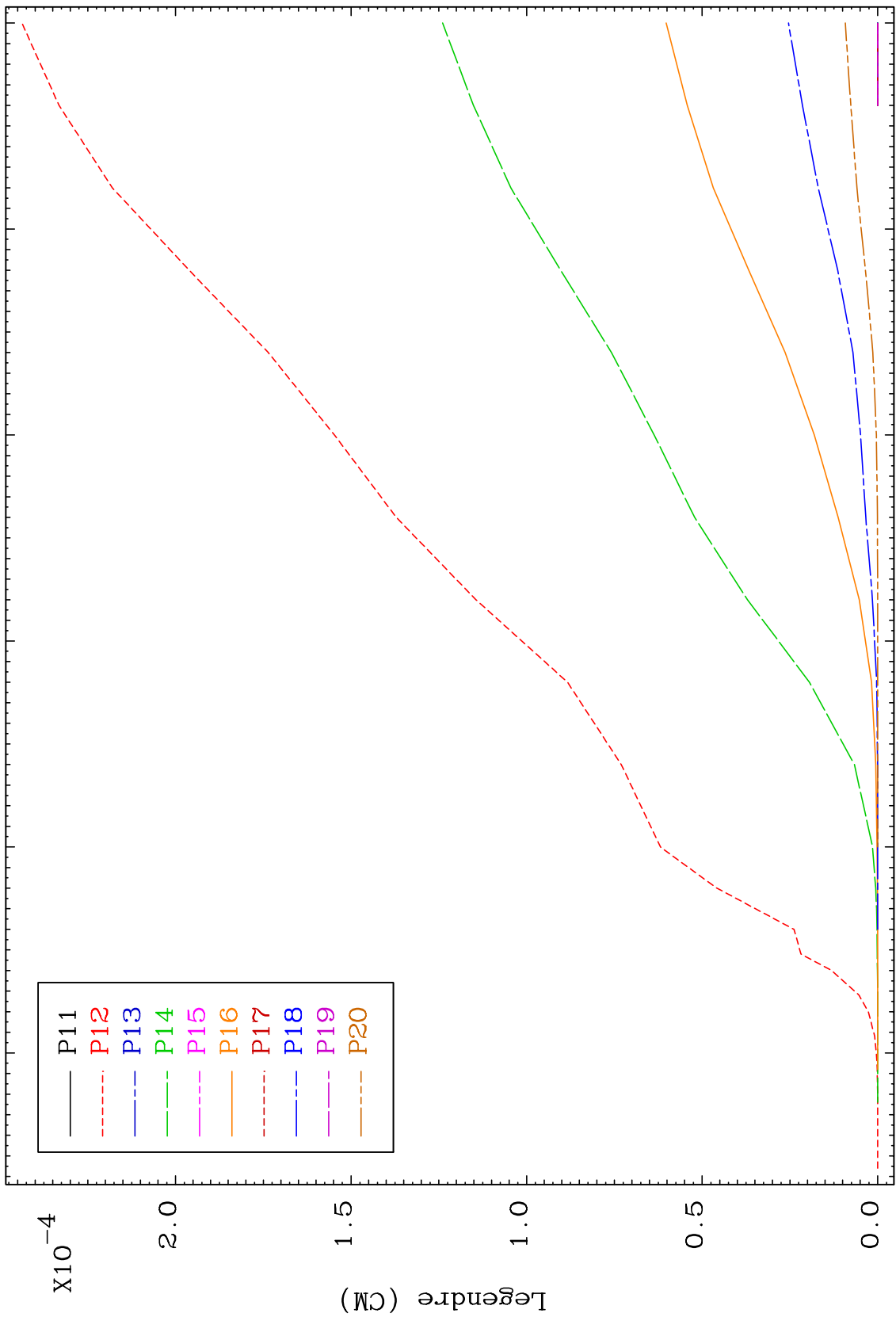




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Elastic Legendre Coefficients

81-T1-196



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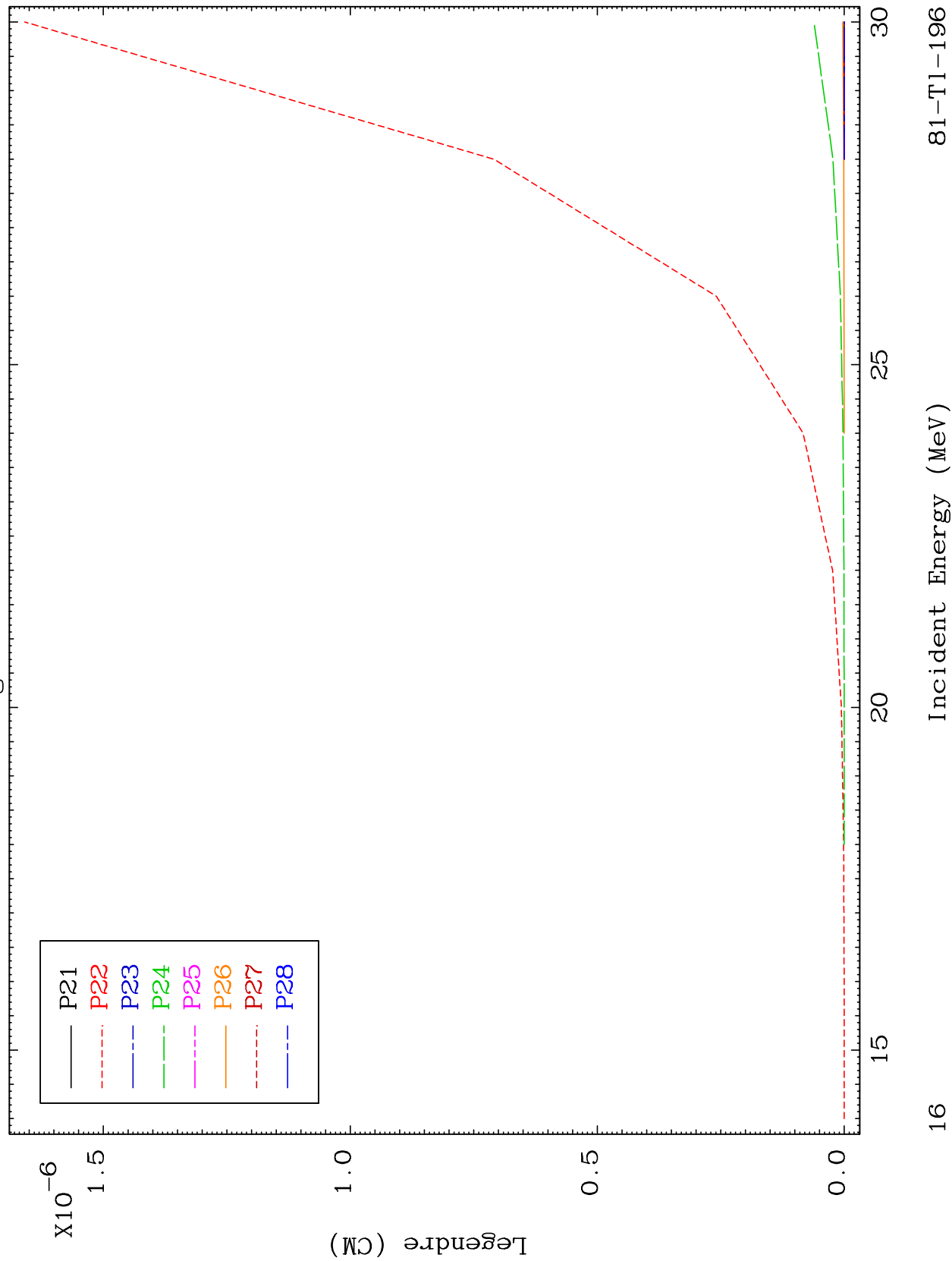
Incident Energy (MeV)

81-T1-196

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Elastic Legendre Coefficients

81-T1-196



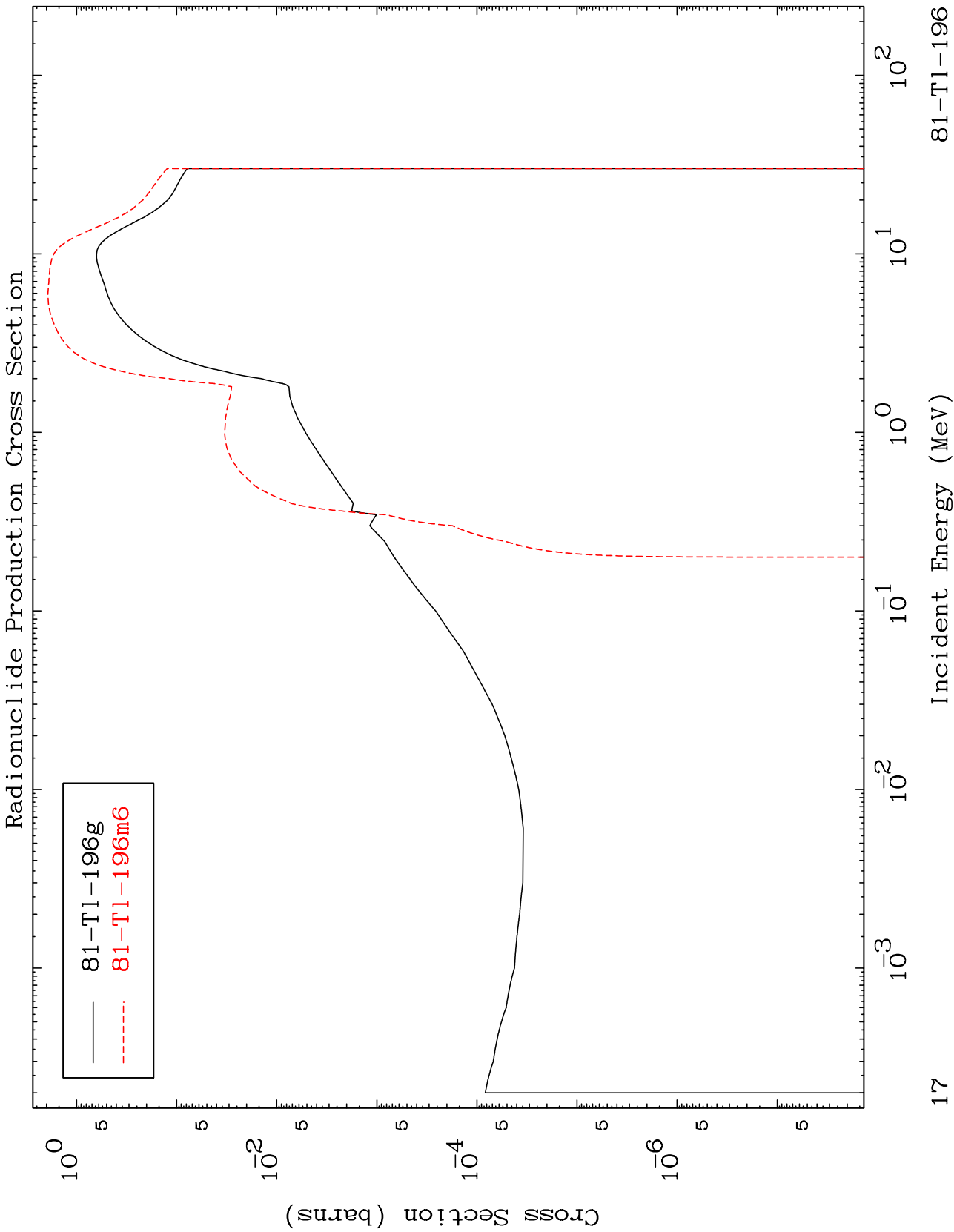
16

81-T1-196

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81-Tl-196

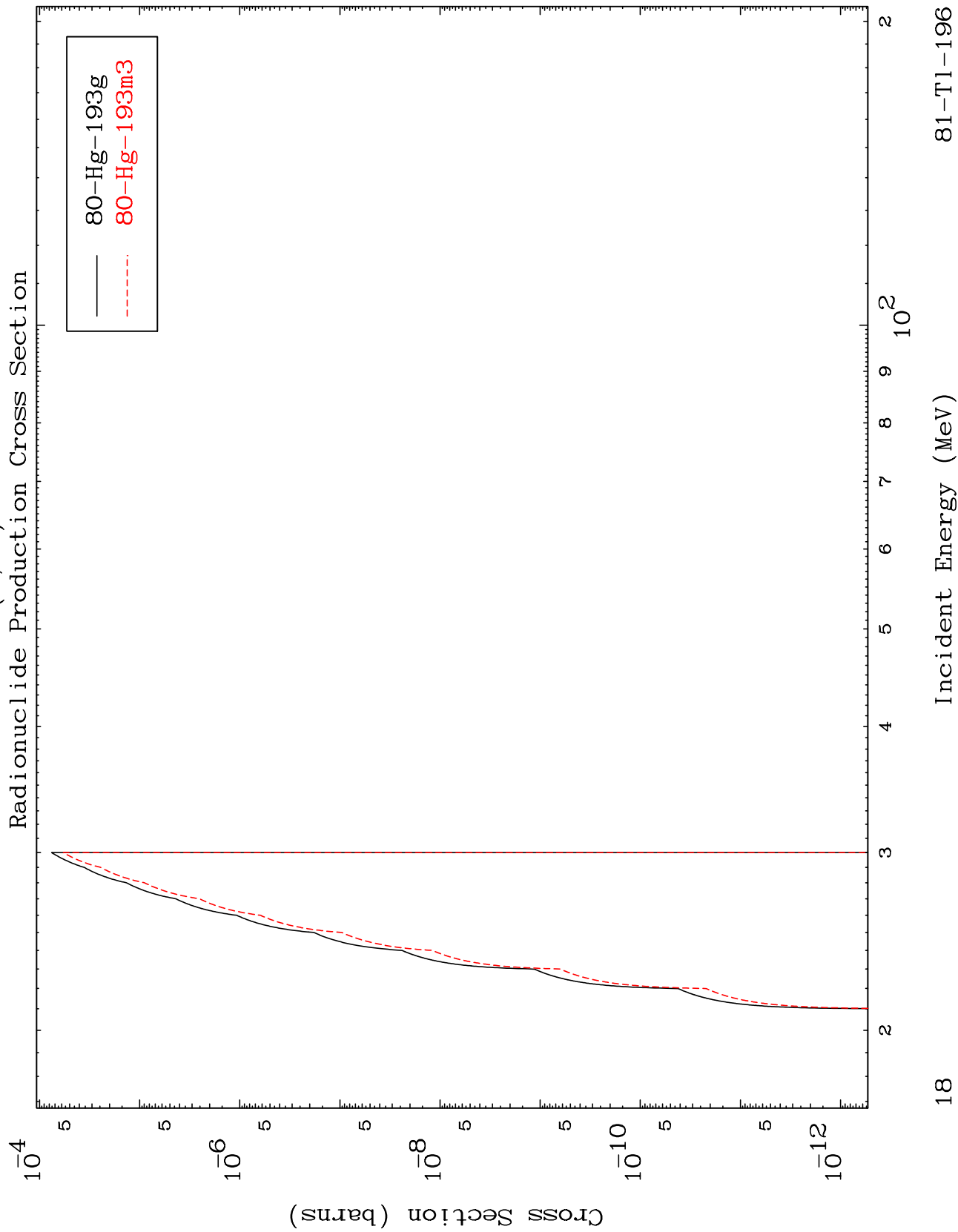
Inelastic
Radionuclide Production Cross Section



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(n,2n) d

81-Tl-196



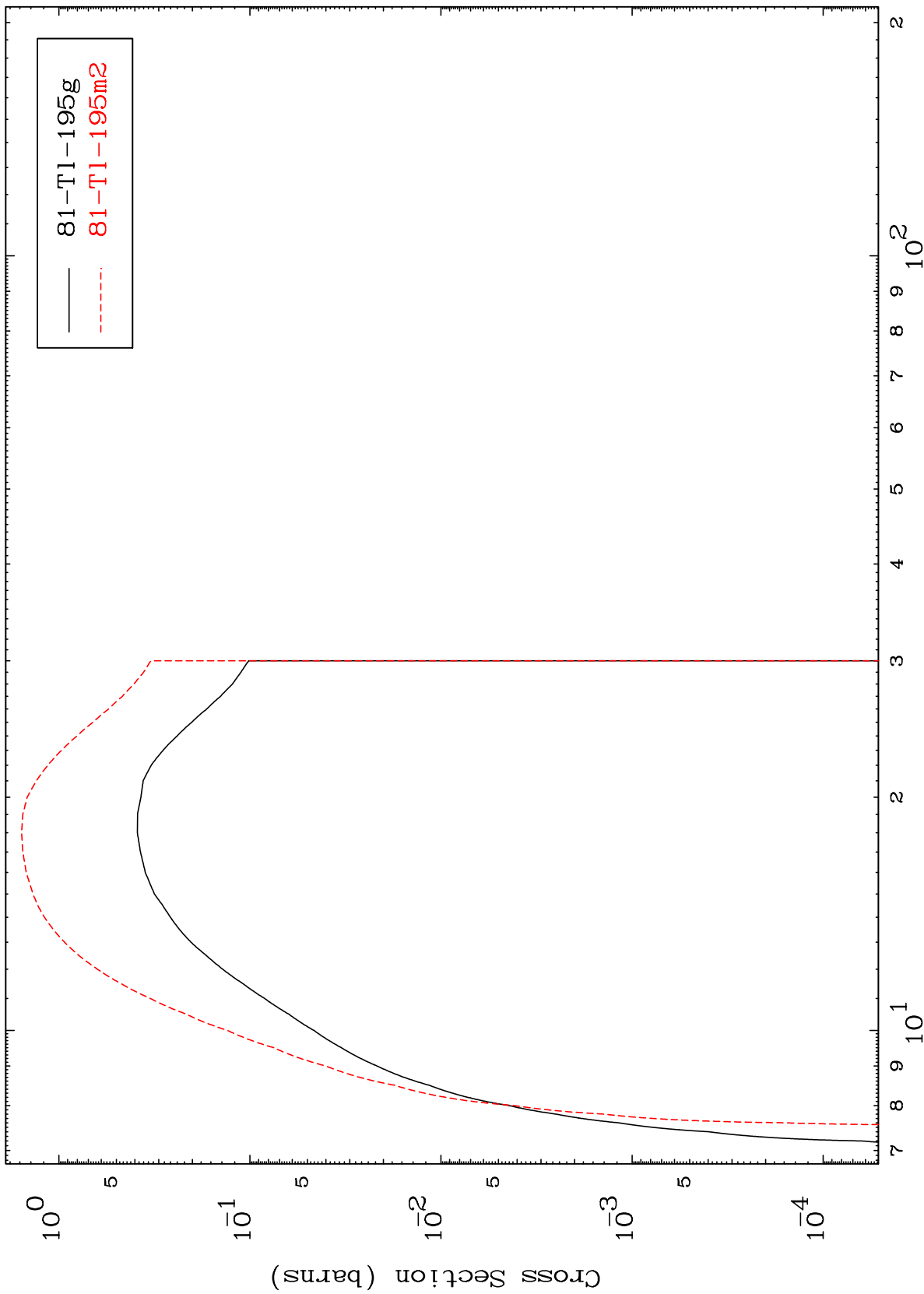
18

81-Tl-196

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81-Tl-196

(n,2n)
Radionuclide Production Cross Section



19

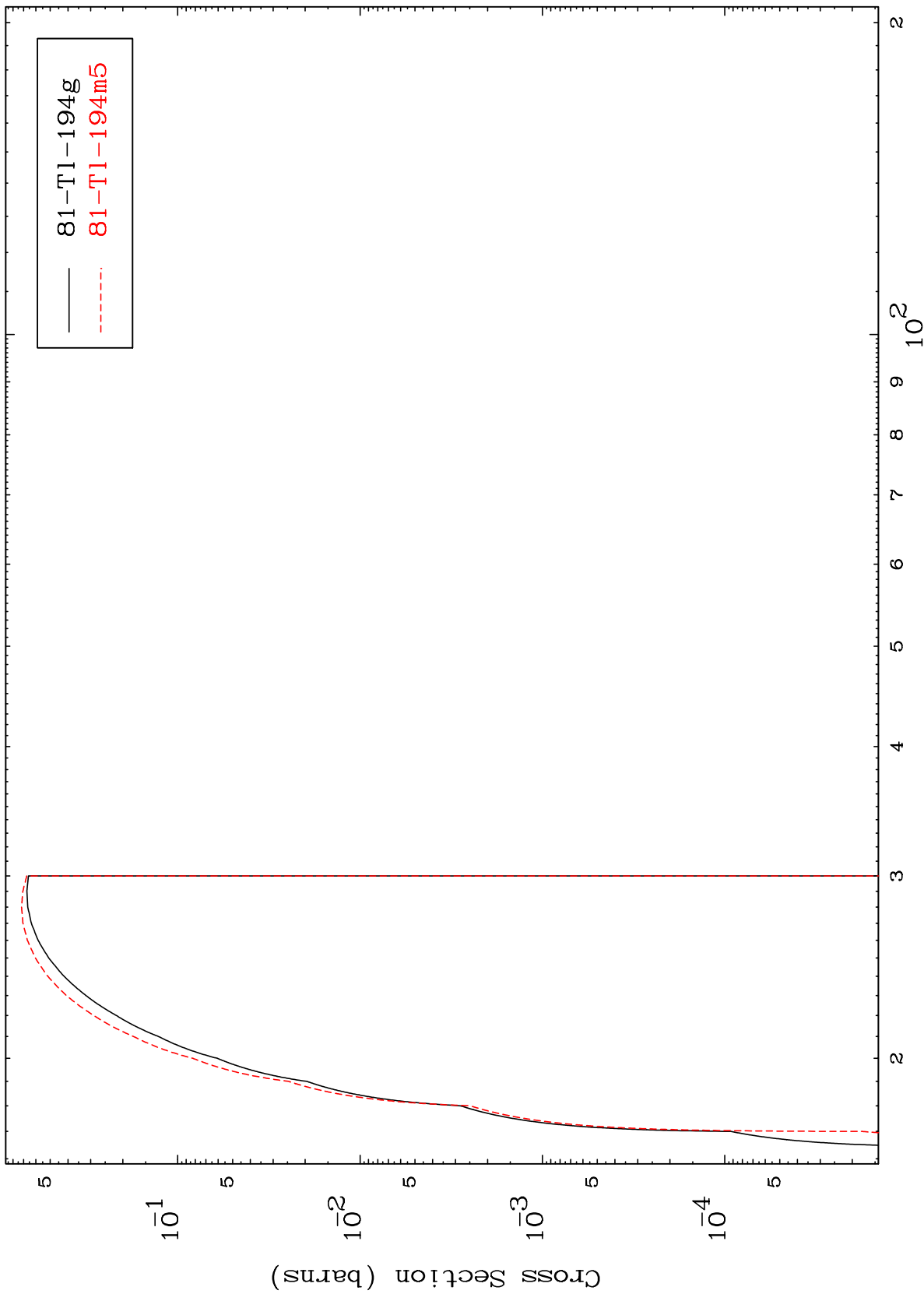
Incident Energy (MeV)

81-Tl-196

MAT 8105

81-Tl-196

(n,3n)
Radionuclide Production Cross Section



20

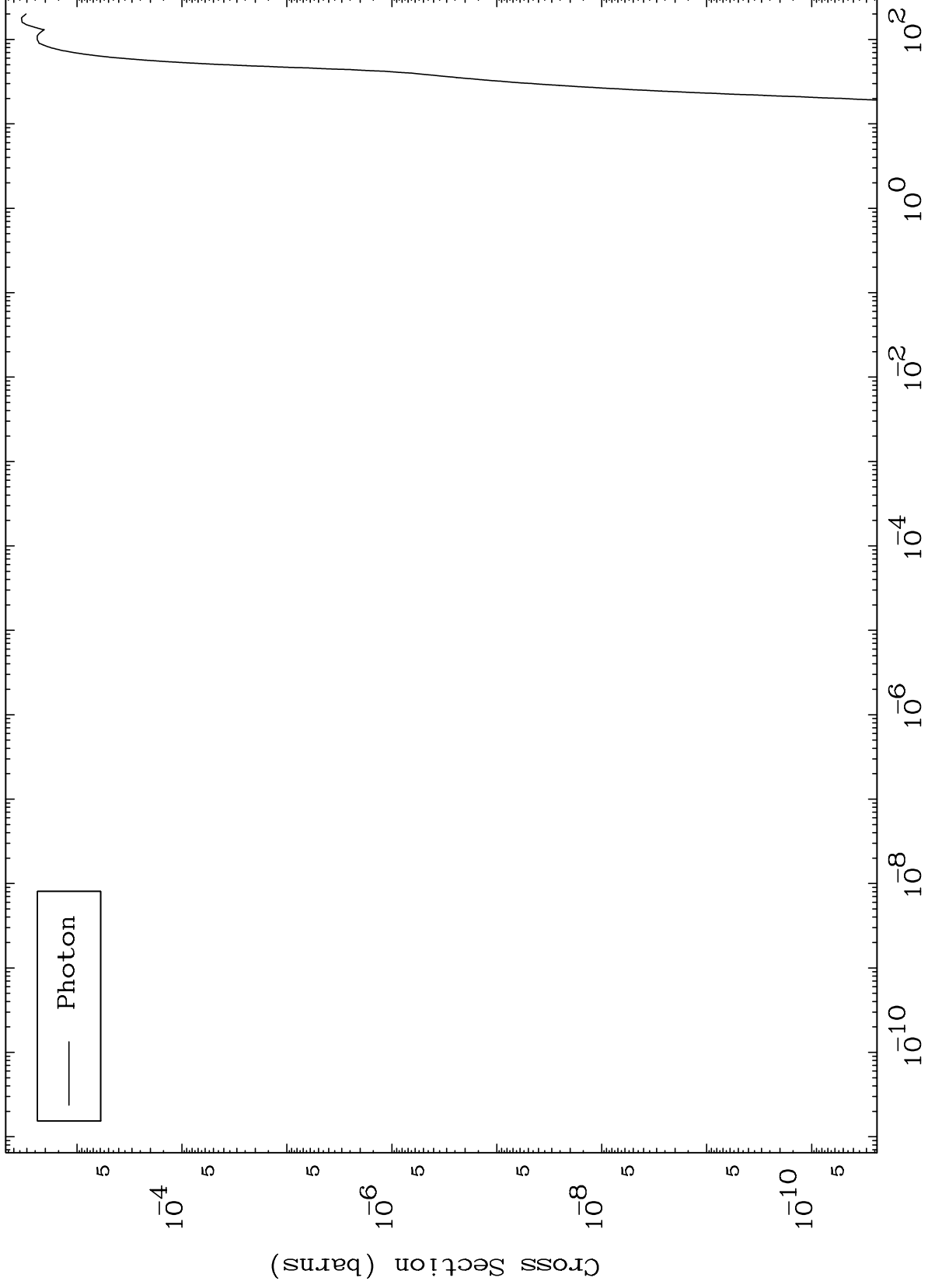
Incident Energy (MeV)

81-Tl-196

MAT 8105

Fission
Radionuclide Production Cross Section

81-Tl-196



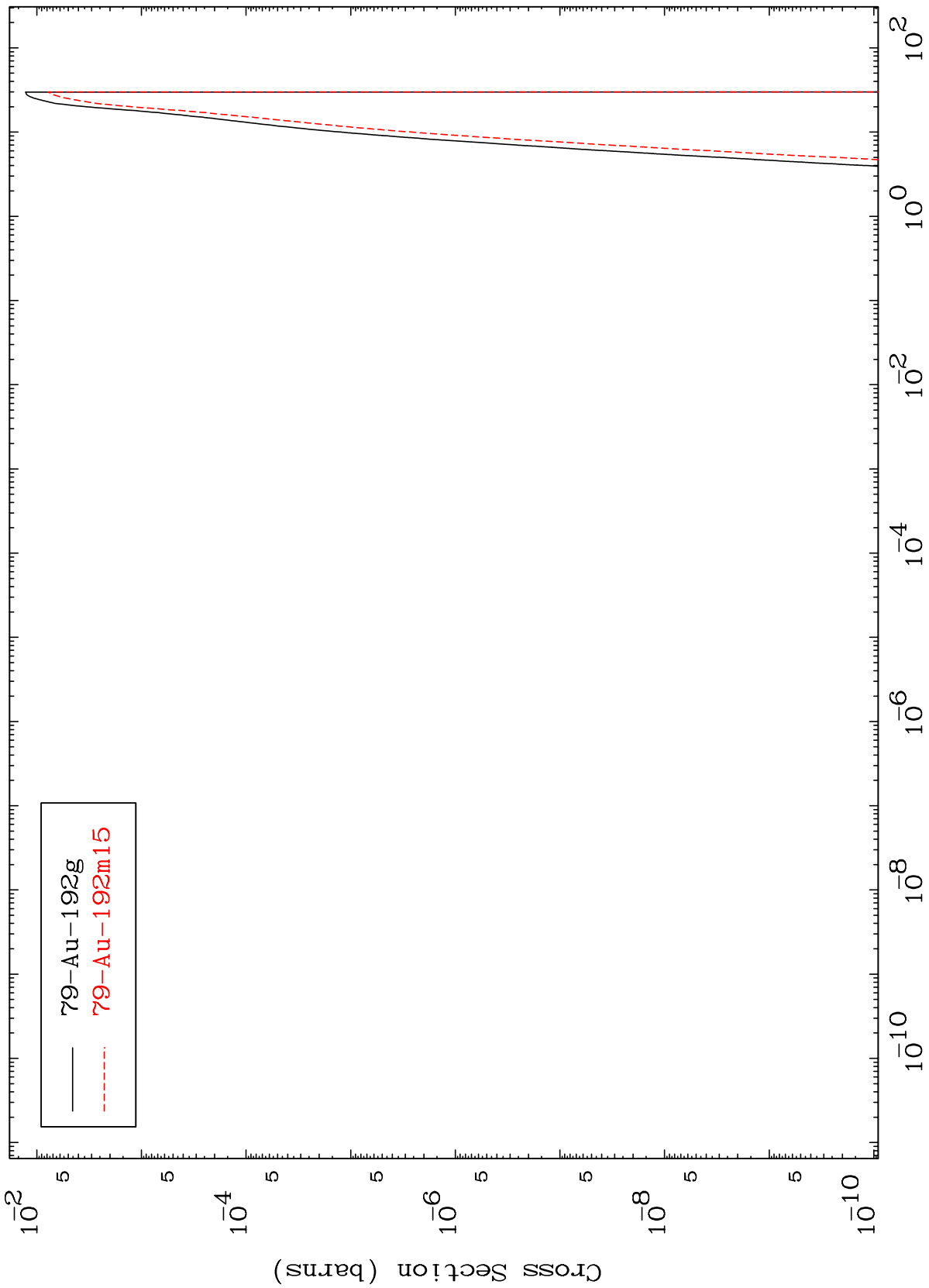
81-Tl-196

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$(n, n') \alpha$

81-Tl-196

Radionuclide Production Cross Section



— 79-Au-192g
- - - 79-Au-192m15

Incident Energy (MeV)

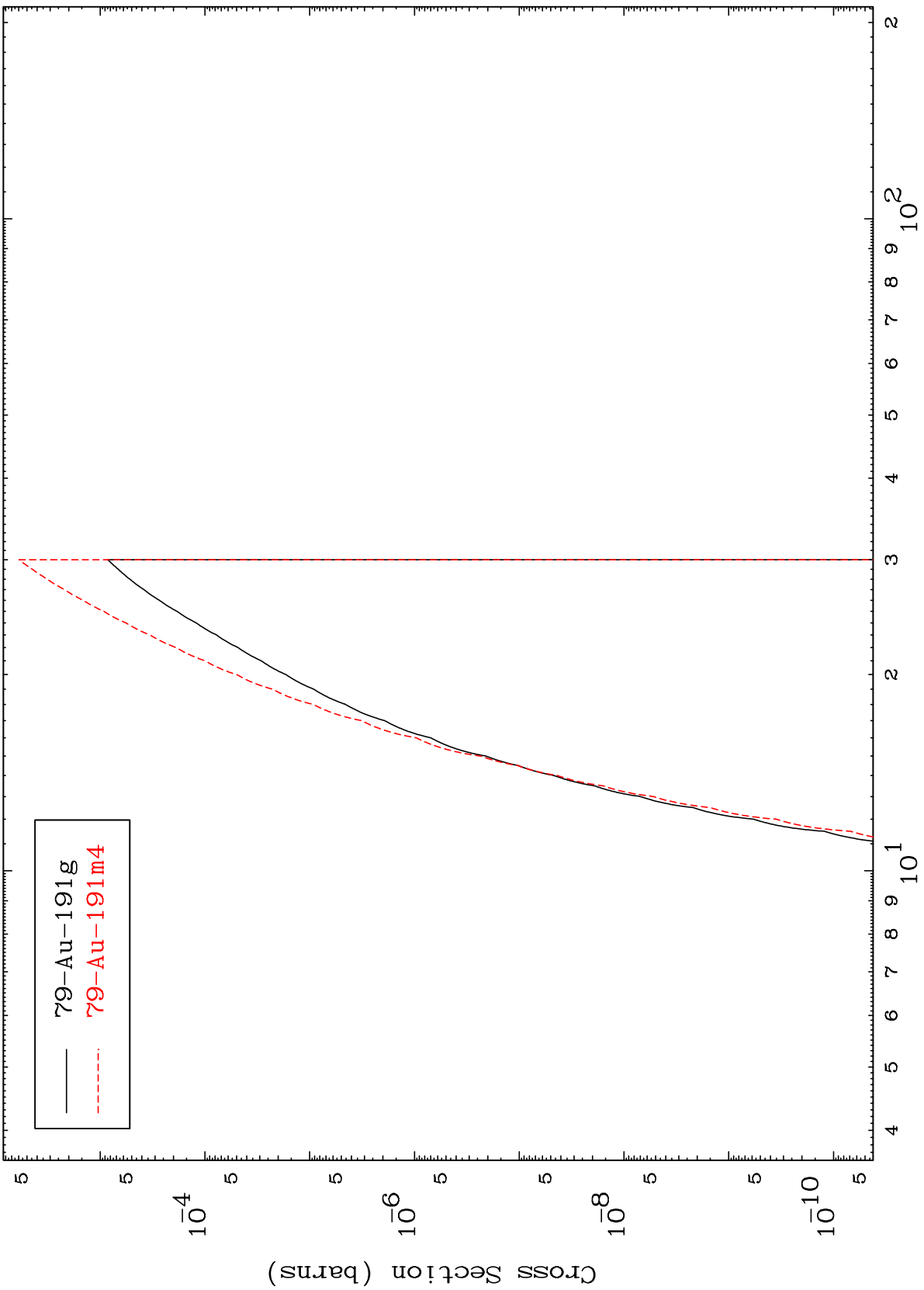
81-Tl-196

MAT 8105

(n,2n) α

81-Tl-196

Radionuclide Production Cross Section



— ^{191}gAu
- - - $^{191}\text{m4Au}$

23

Incident Energy (MeV)

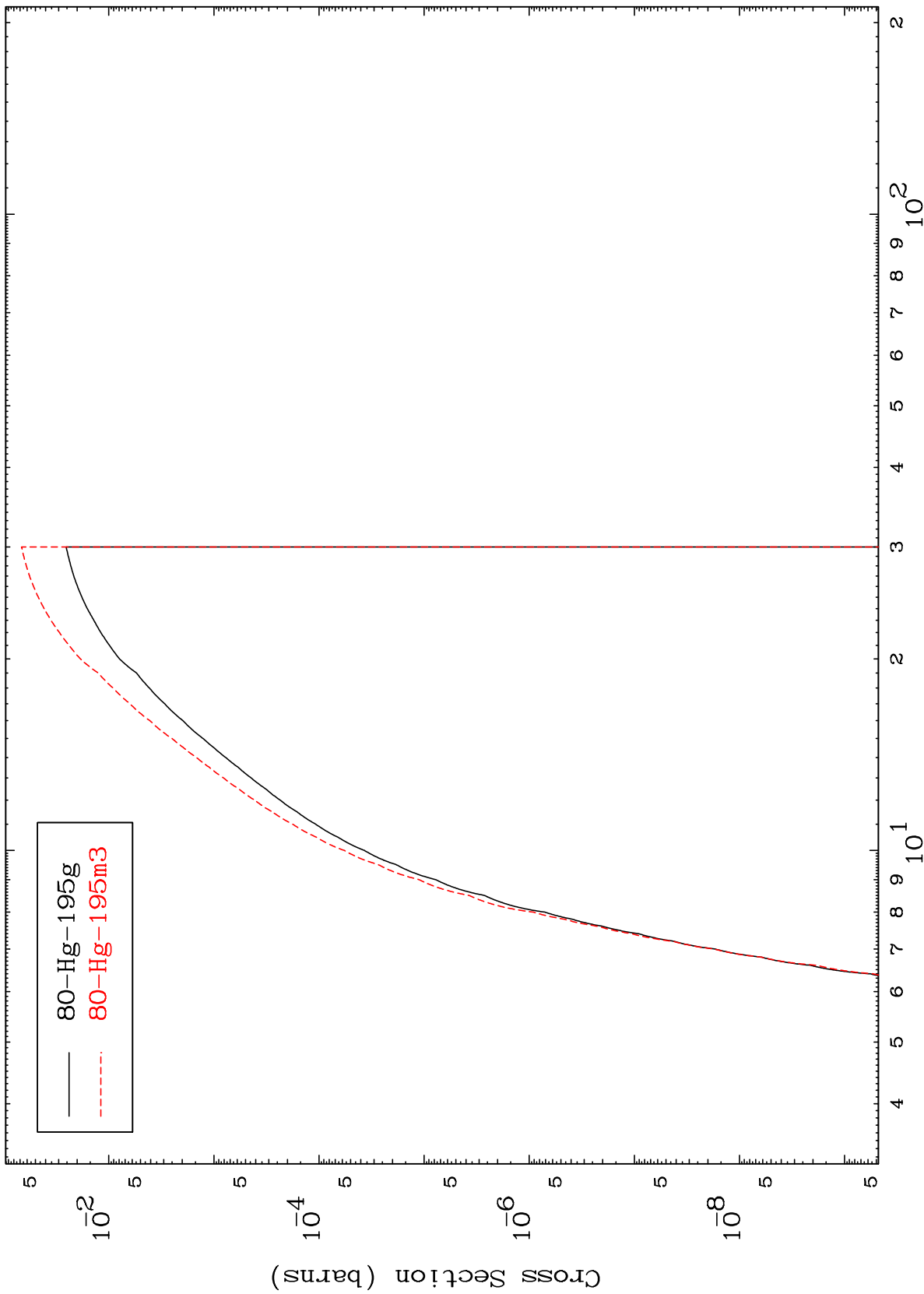
81-Tl-196

MAT 8105

81-Tl-196

(n,n') p

Radionuclide Production Cross Section



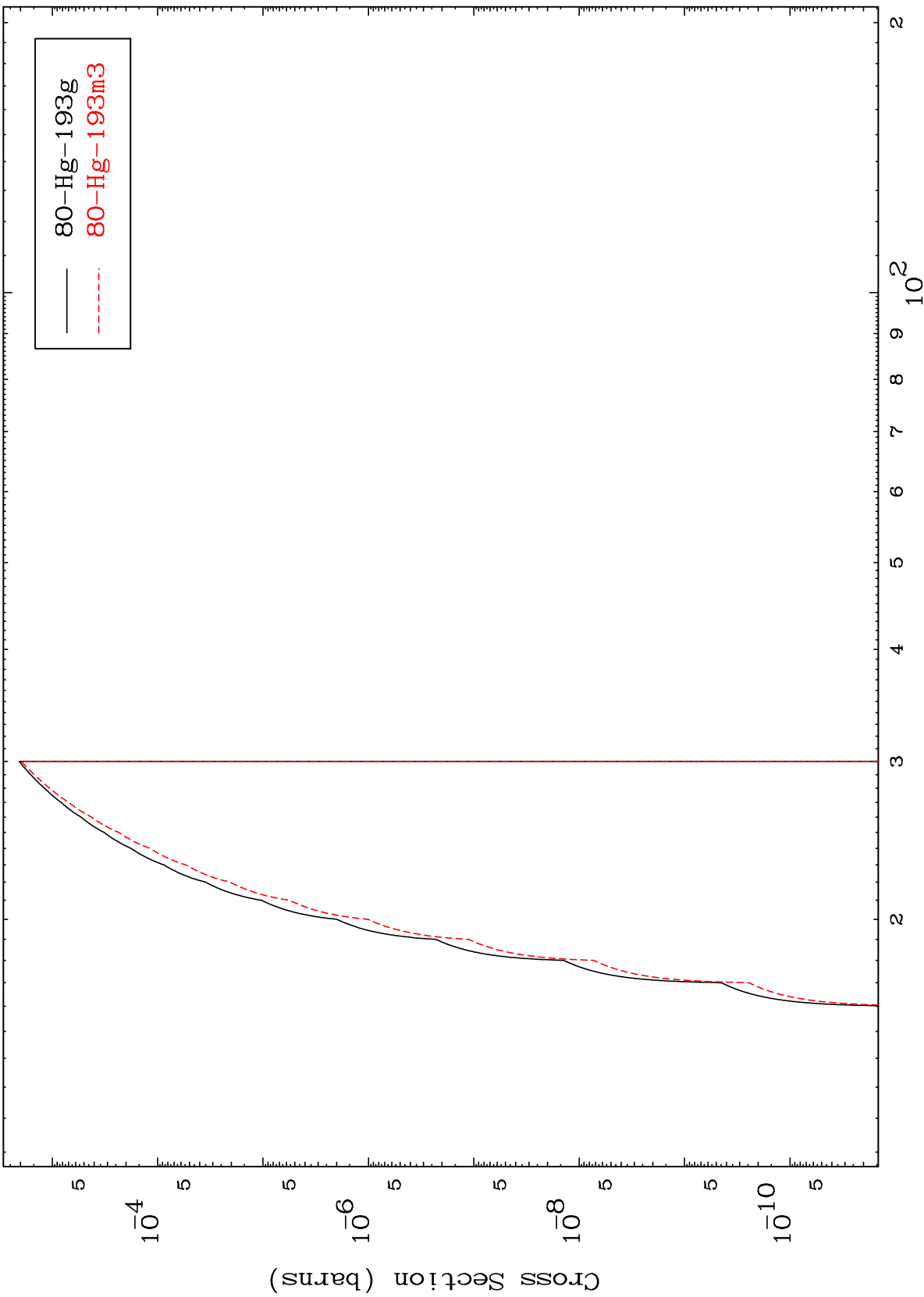
80-Hg-195g
80-Hg-195m3

24

Incident Energy (MeV)

81-Tl-196

Radionuclide Production Cross Section

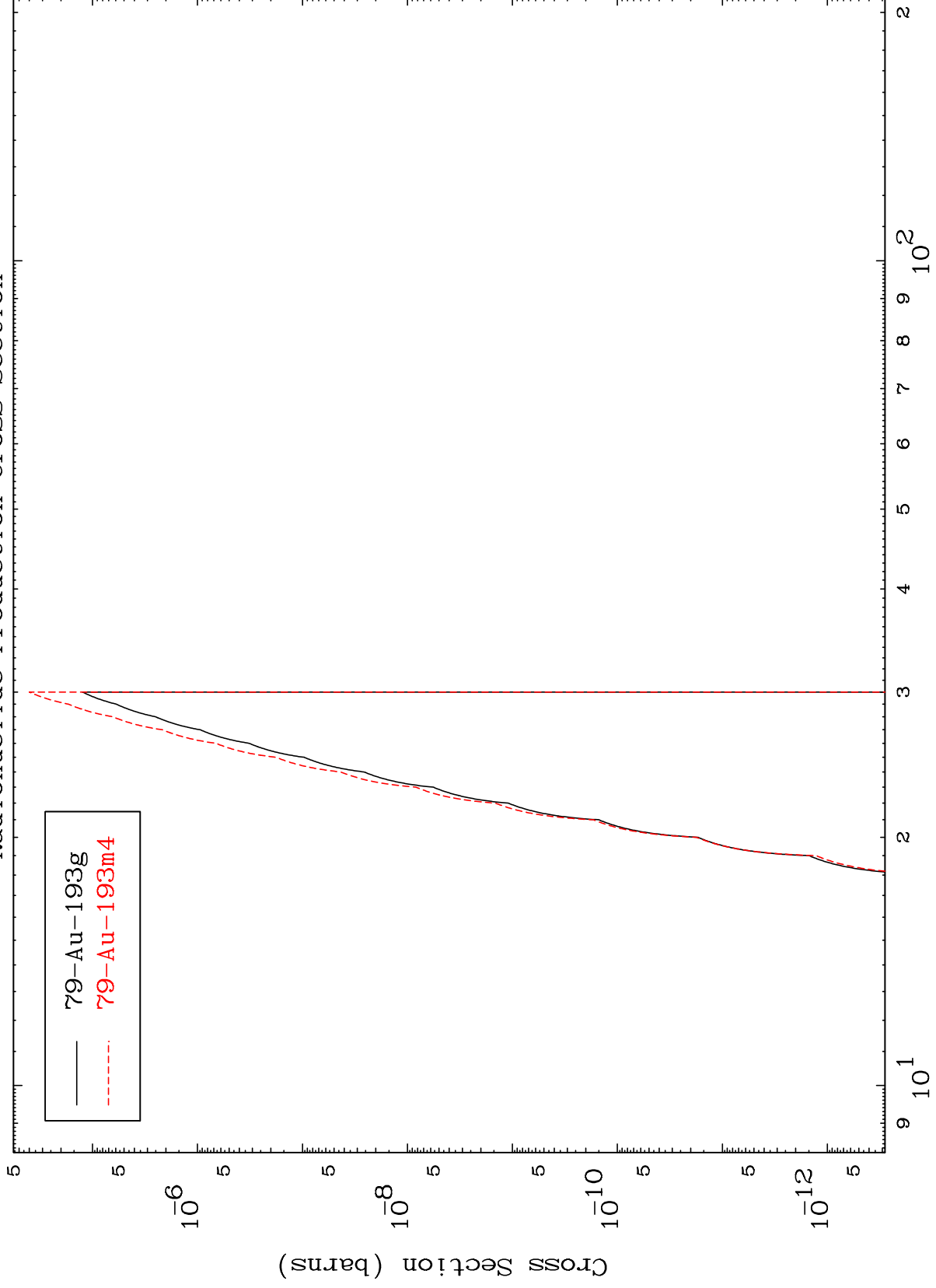


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(n,n') He-3

81-Tl-196

Radionuclide Production Cross Section



26

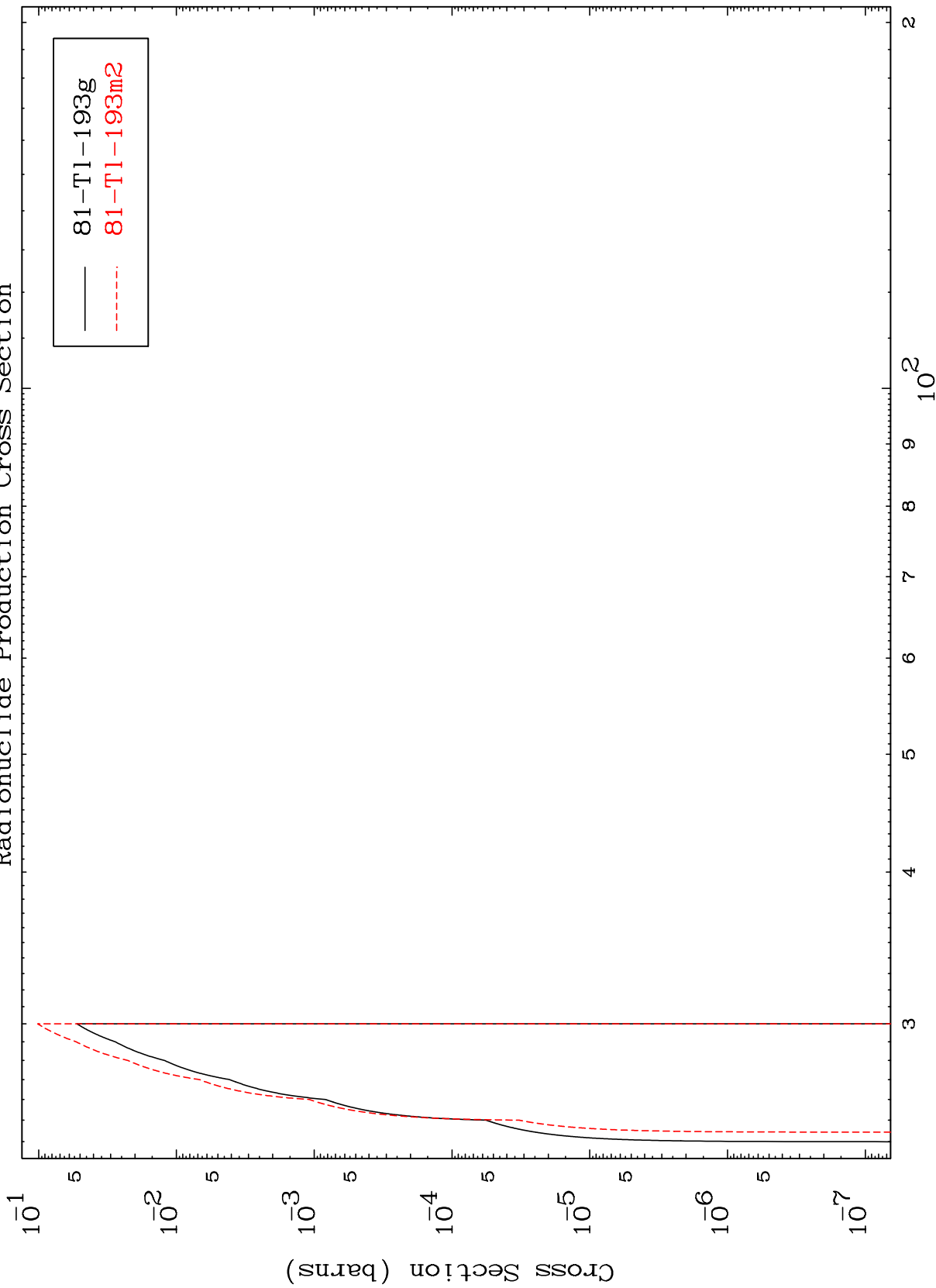
Incident Energy (MeV)

81-Tl-196

MAT 8105

81-Tl-196

(n,4n)
Radionuclide Production Cross Section



27

81-Tl-196

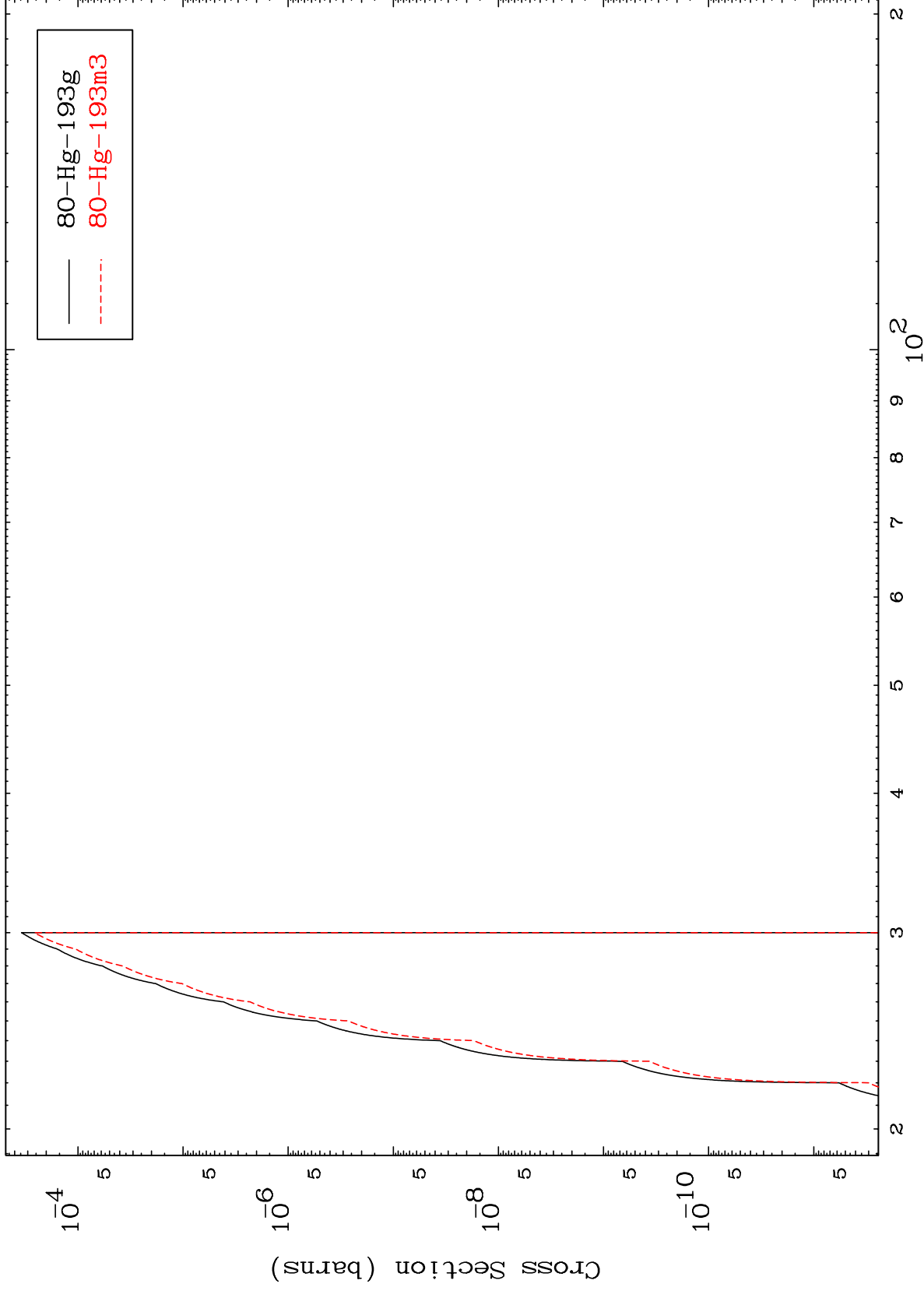
Incident Energy (MeV)

MAT 8105

(n,3n) p

81-Tl-196

Radionuclide Production Cross Section



28

Incident Energy (MeV)

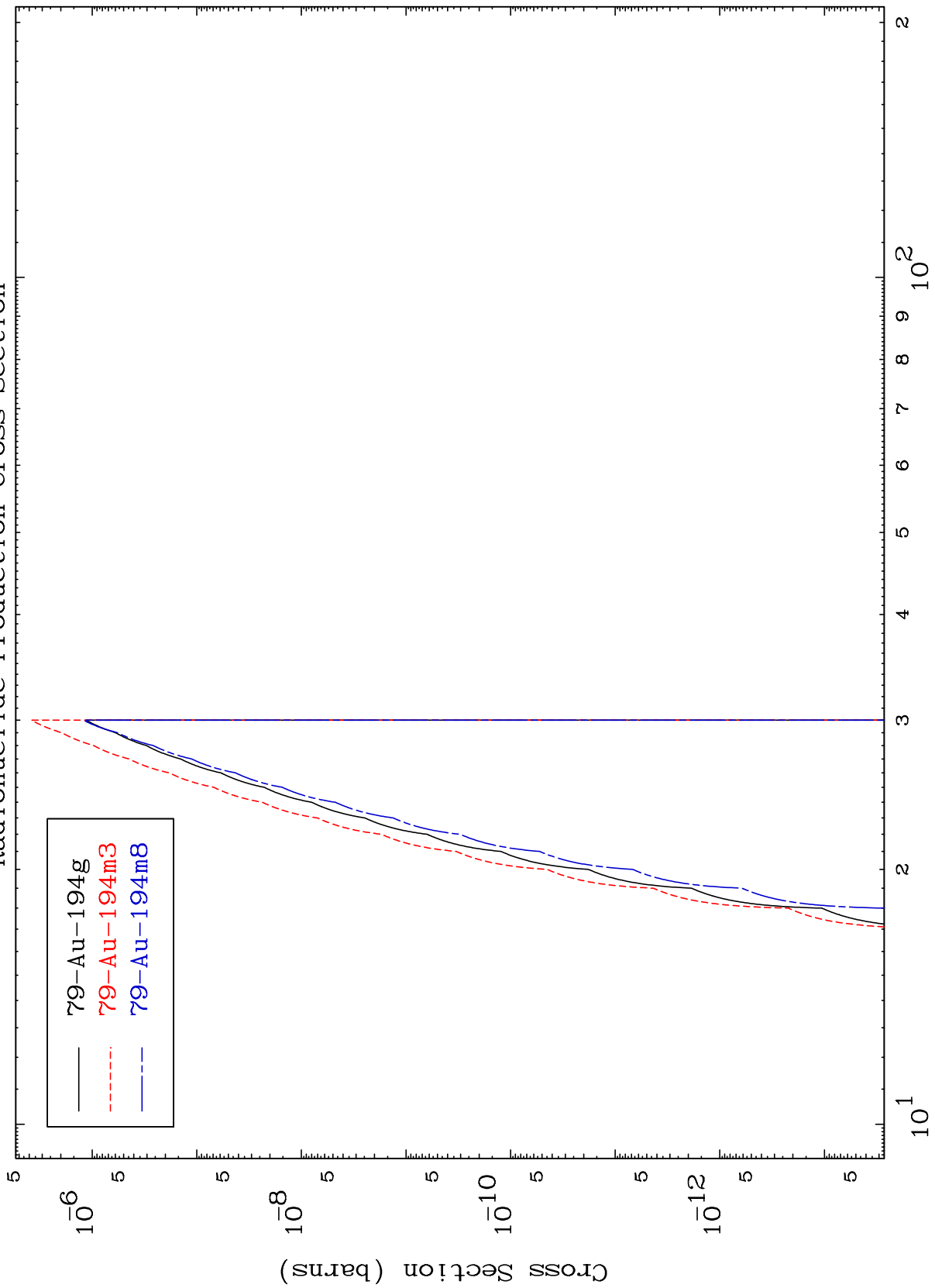
81-Tl-196

MAT 8105

(n,2n) p

81-Tl-196

Radionuclide Production Cross Section



29

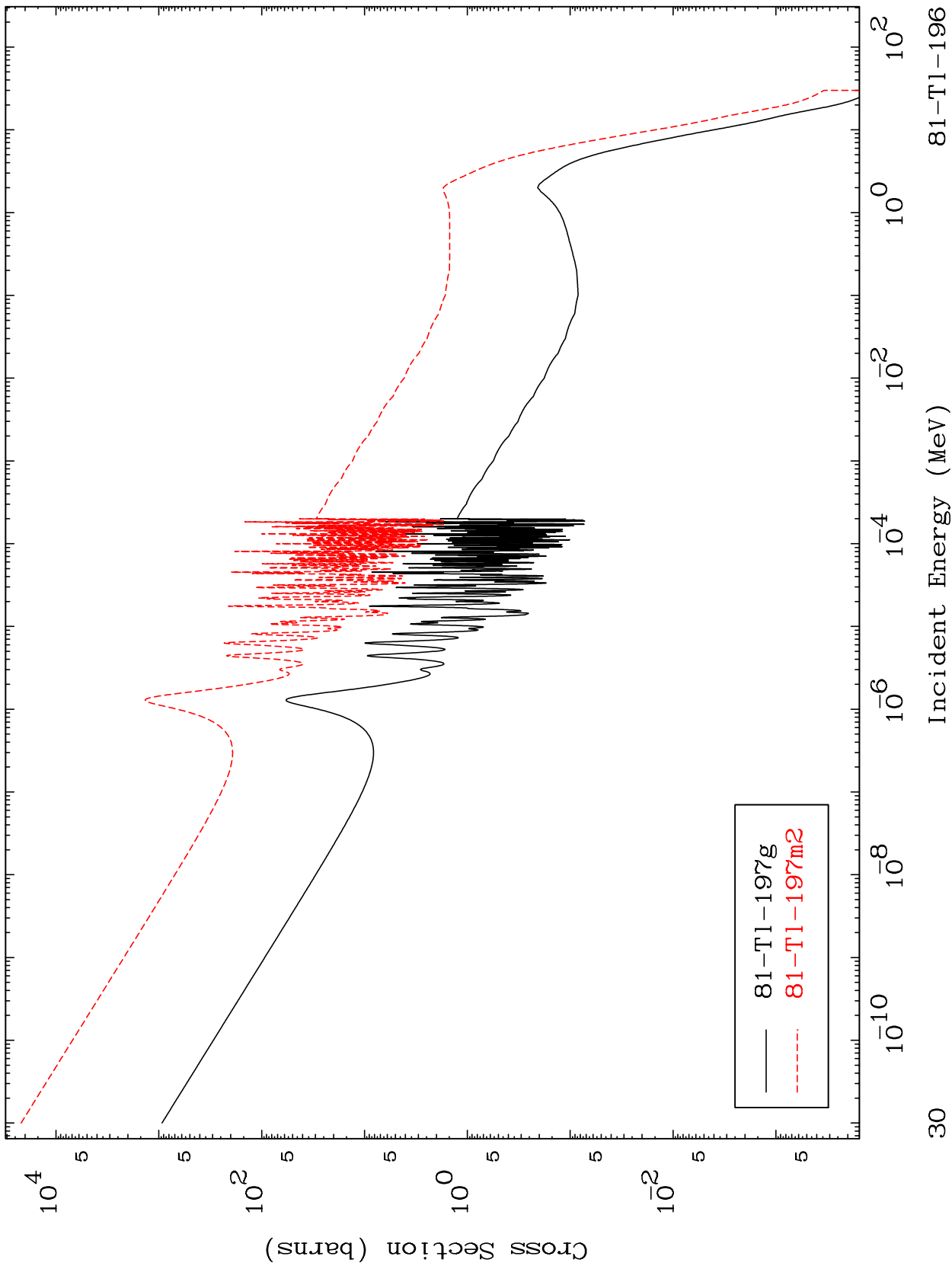
Incident Energy (MeV)

81-Tl-196

MAT 8105

81-Tl-196

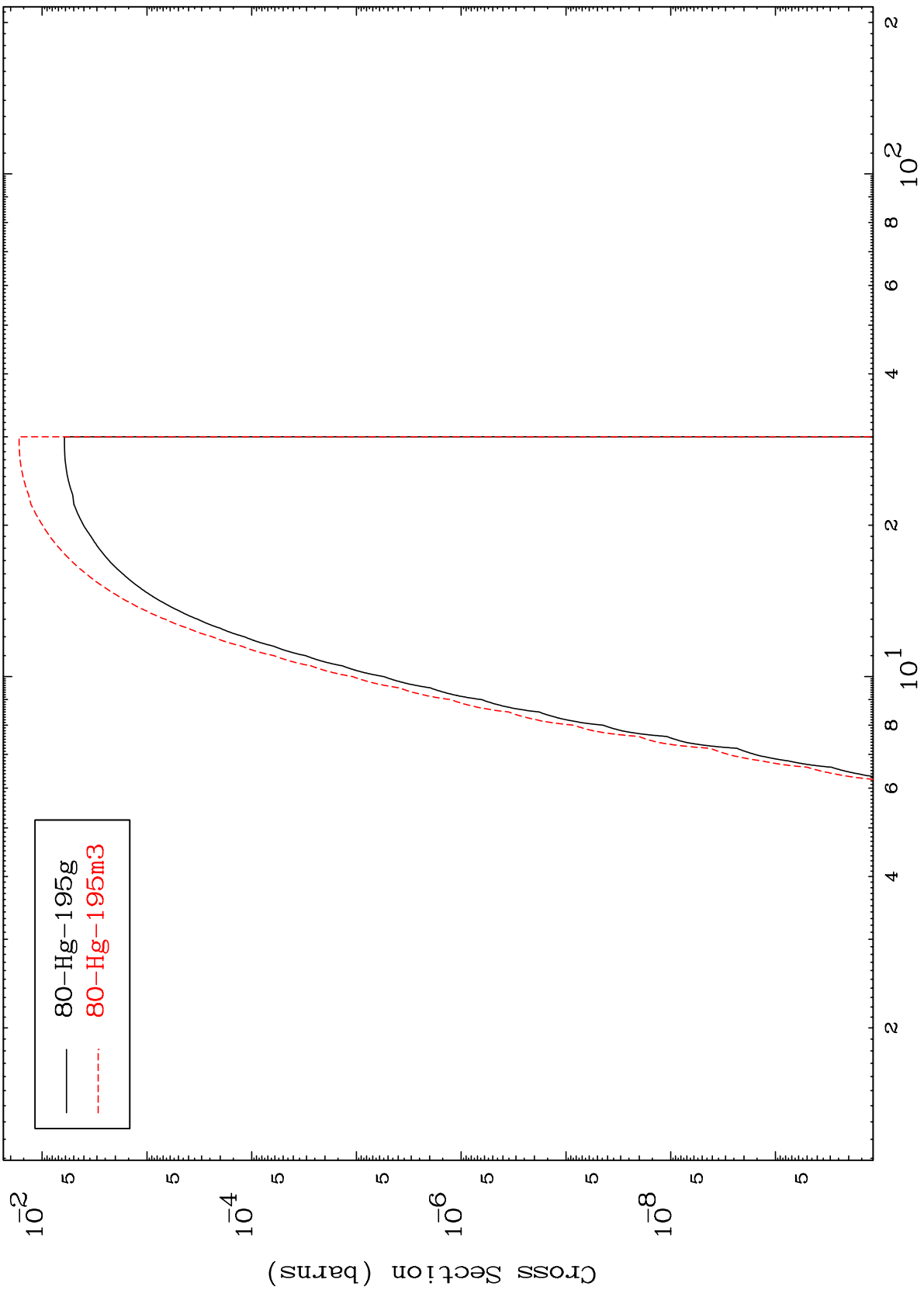
(n, γ)
Radionuclide Production Cross Section



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81-Tl-196

(n,d)
Radionuclide Production Cross Section

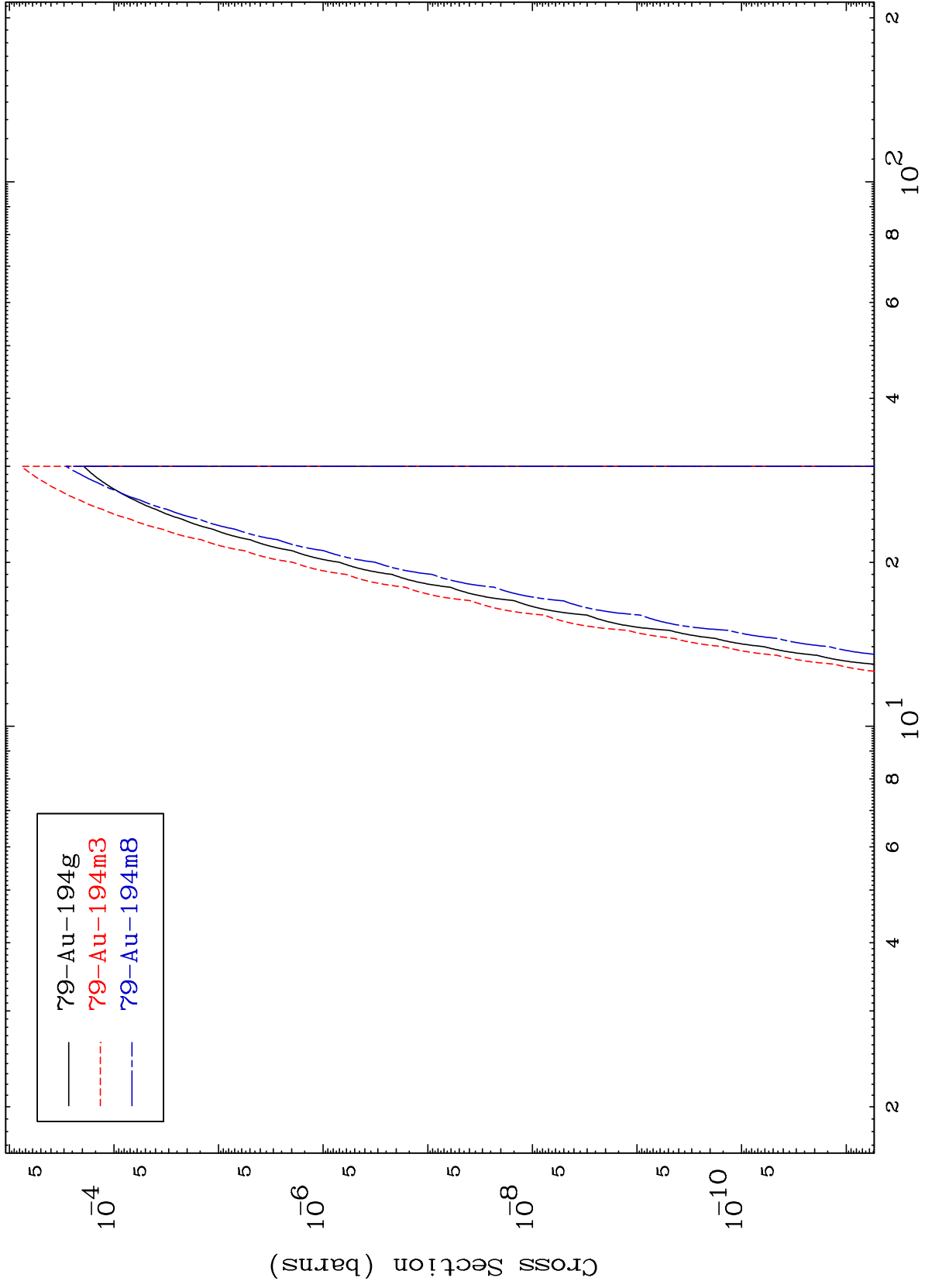


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(n,He-3)

81-Tl-196

Radionuclide Production Cross Section



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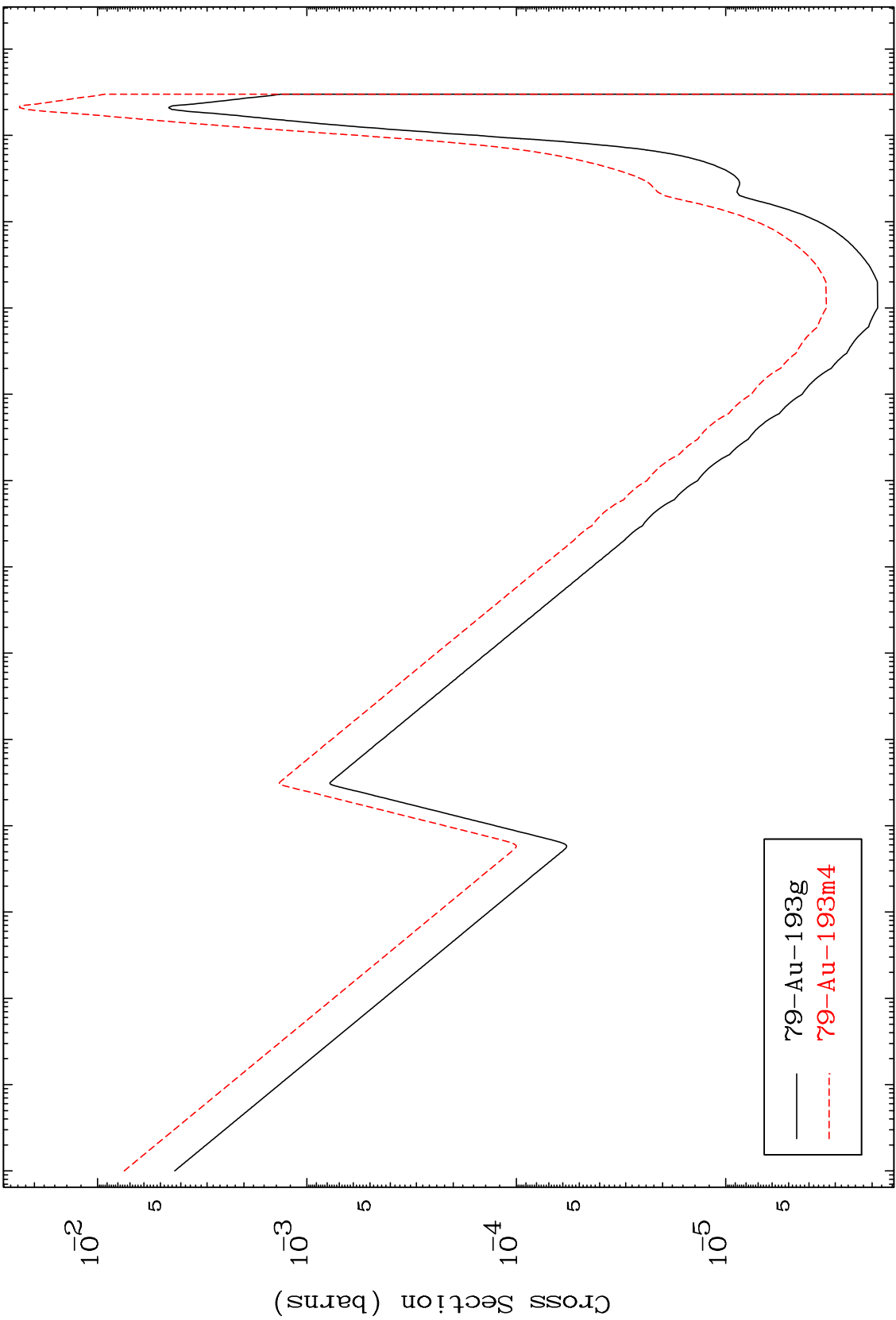
Incident Energy (MeV)

81-Tl-196

MAT 8105

81-Tl-196

Radionuclide Production Cross Section



79-Au-193g
79-Au-193m4

81-Tl-196

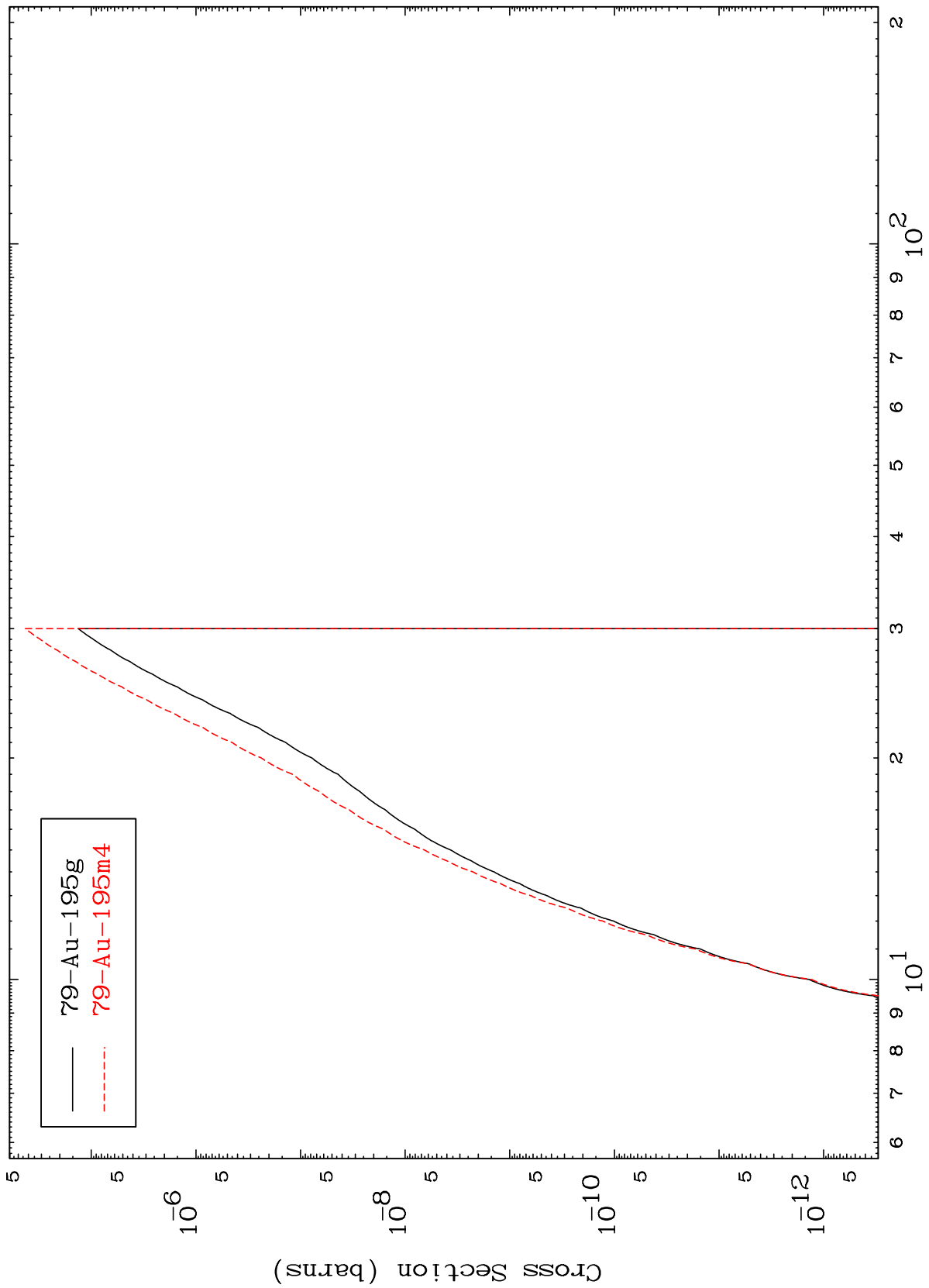
Incident Energy (MeV)

33

MAT 8105

81-Tl-196

(n,2p)
Radionuclide Production Cross Section

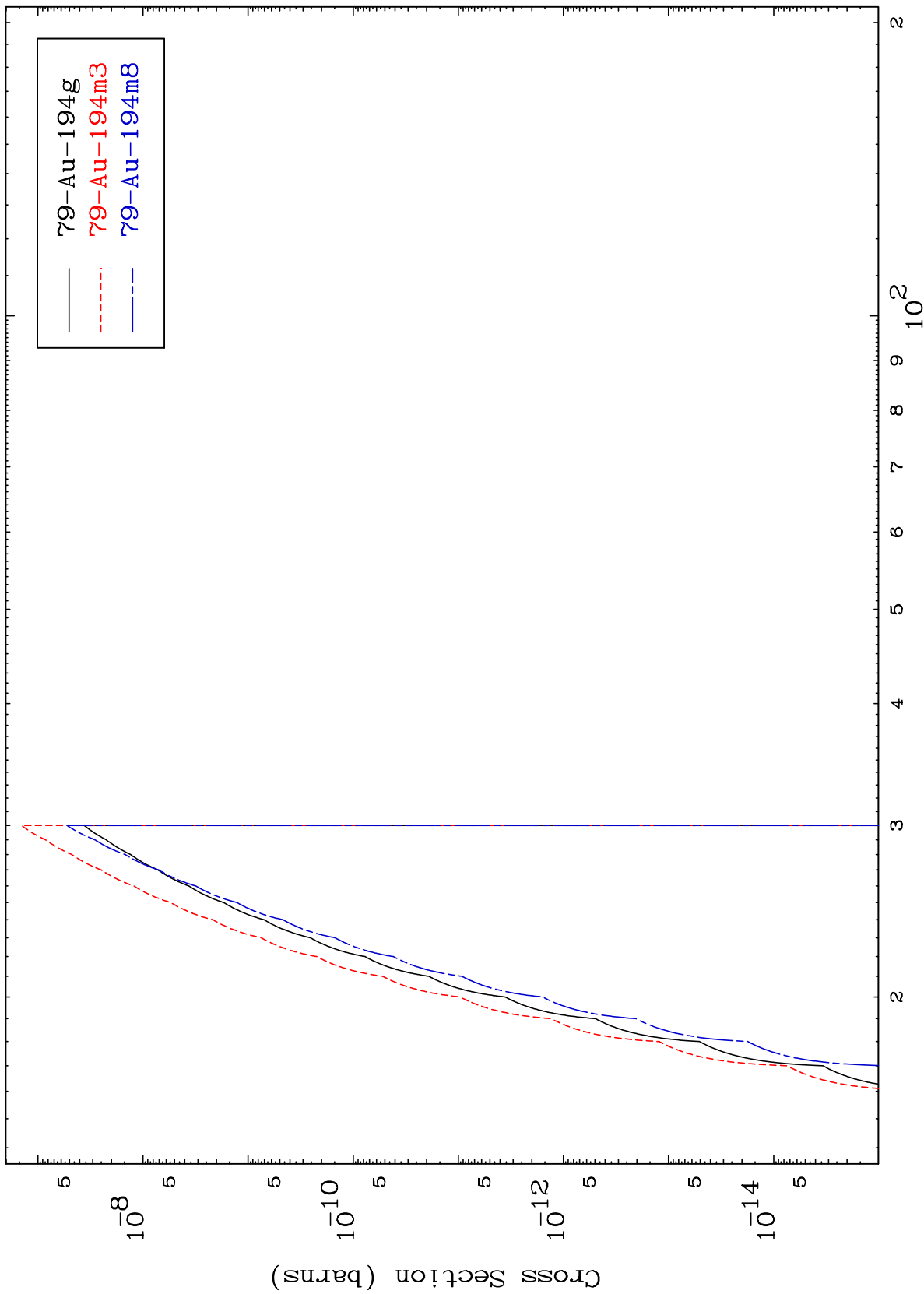


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Incident Energy (MeV)

81-Tl-196

Radionuclide Production Cross Section



Radionuclide Production Cross Section

