

Program EVALPLOT
(Version 2017-1)

by

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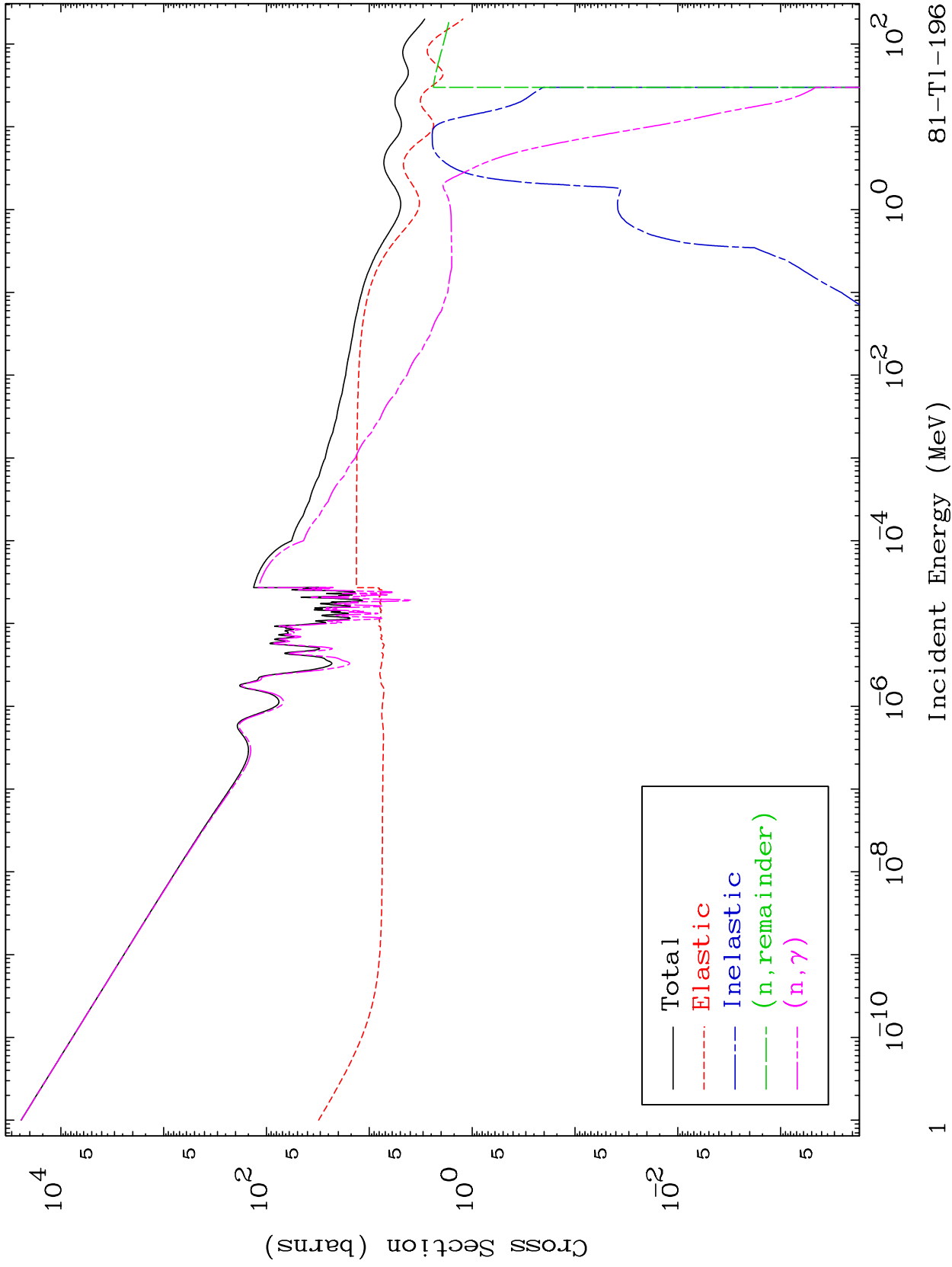
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Press Mouse Button to Start

MAT 8105

Major
293 Kelvin Cross Sections

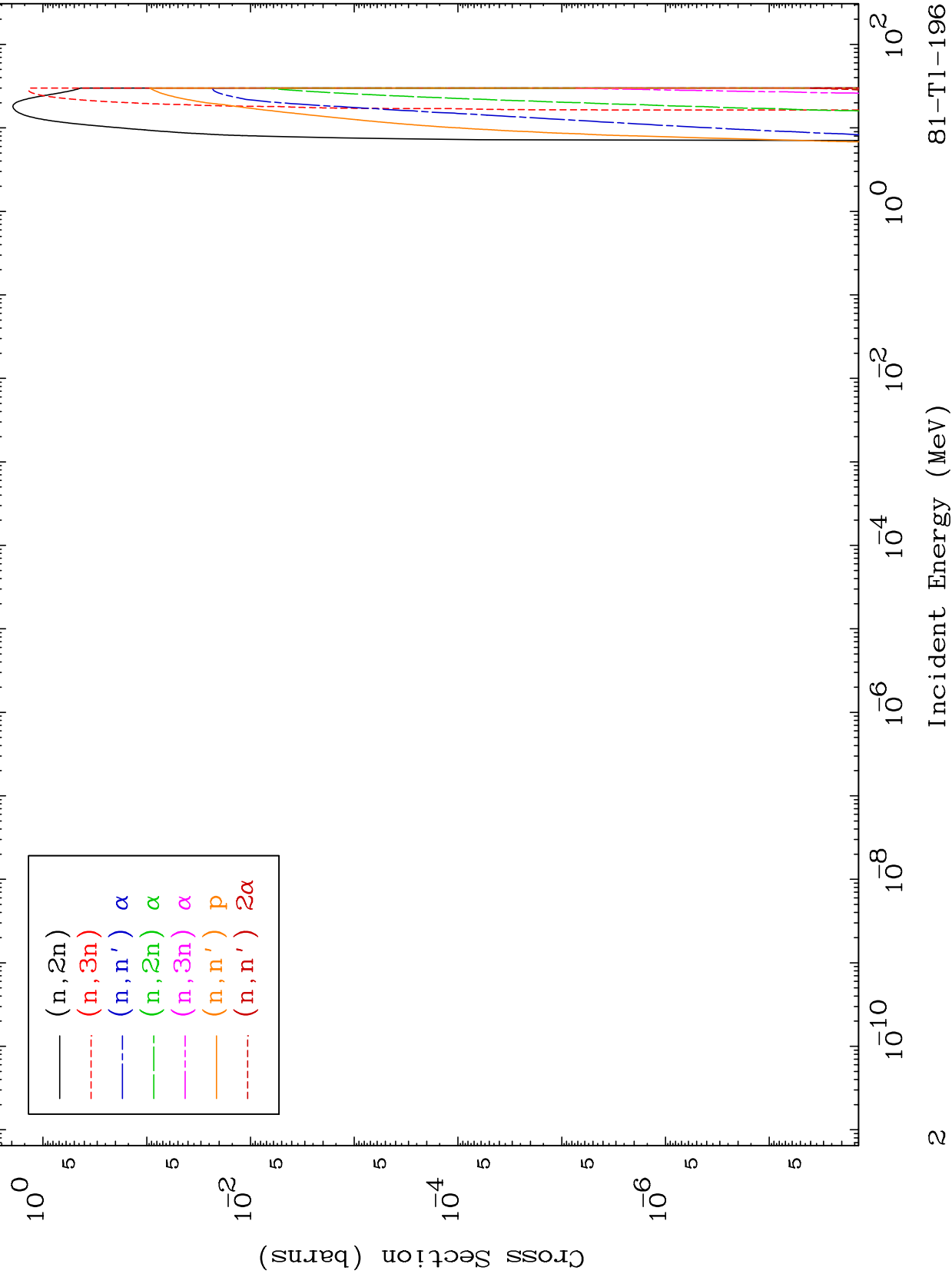
81-T1-196

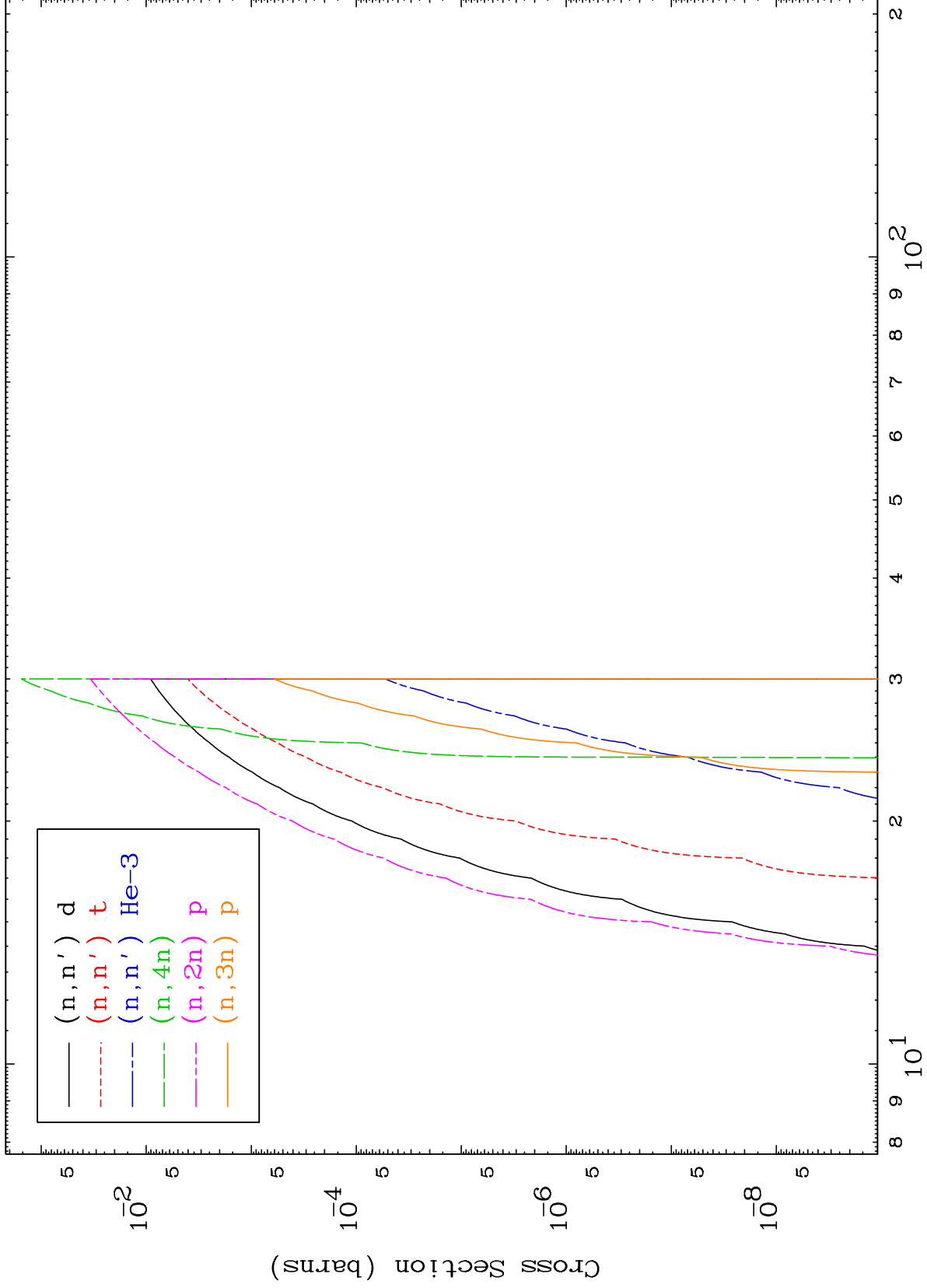


MAT 8105

Neutron Production
293 Kelvin Cross Sections

81-Tl-196

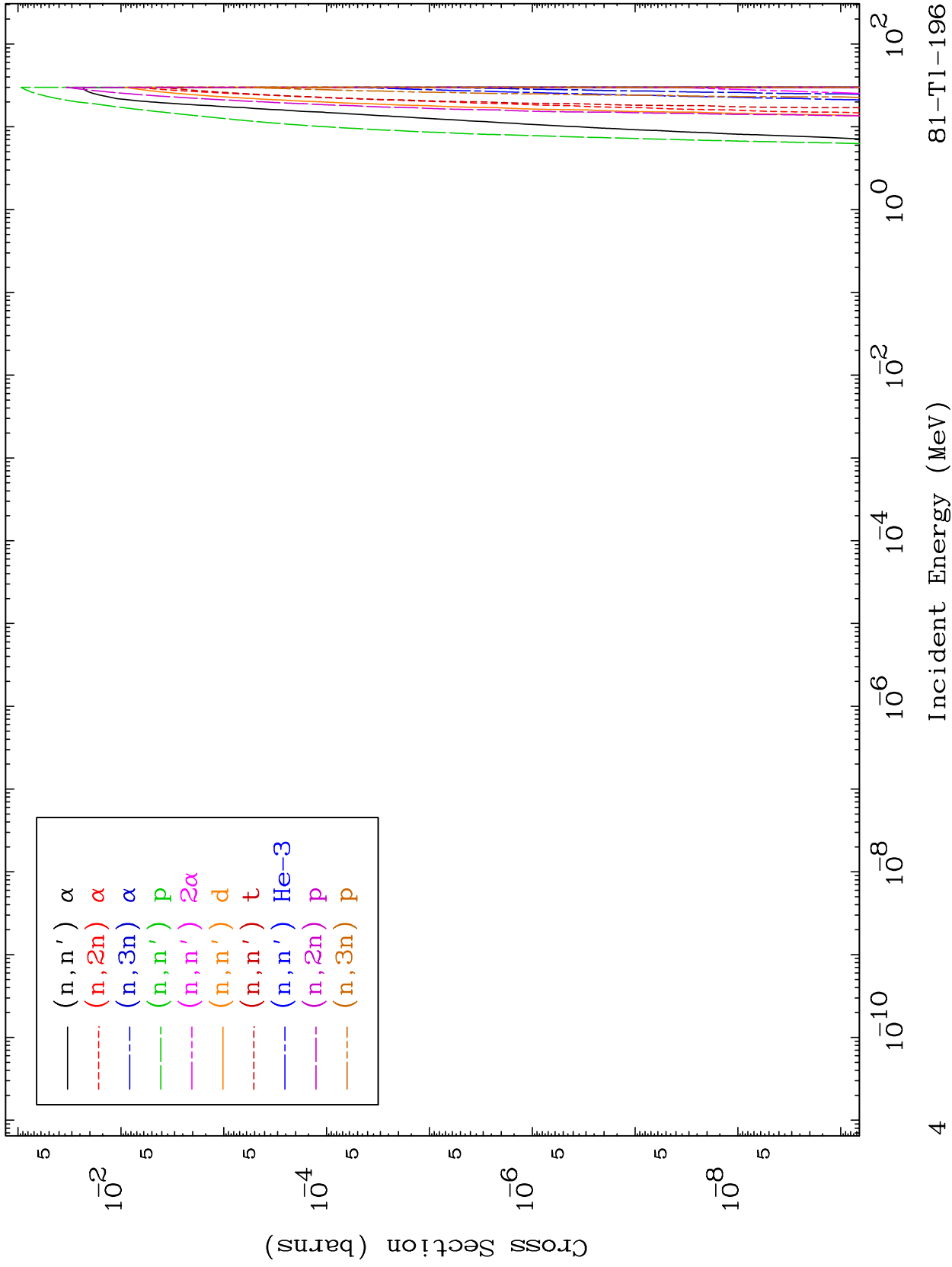




MAT 8105

Charged Particle
293 Kelvin Cross Sections

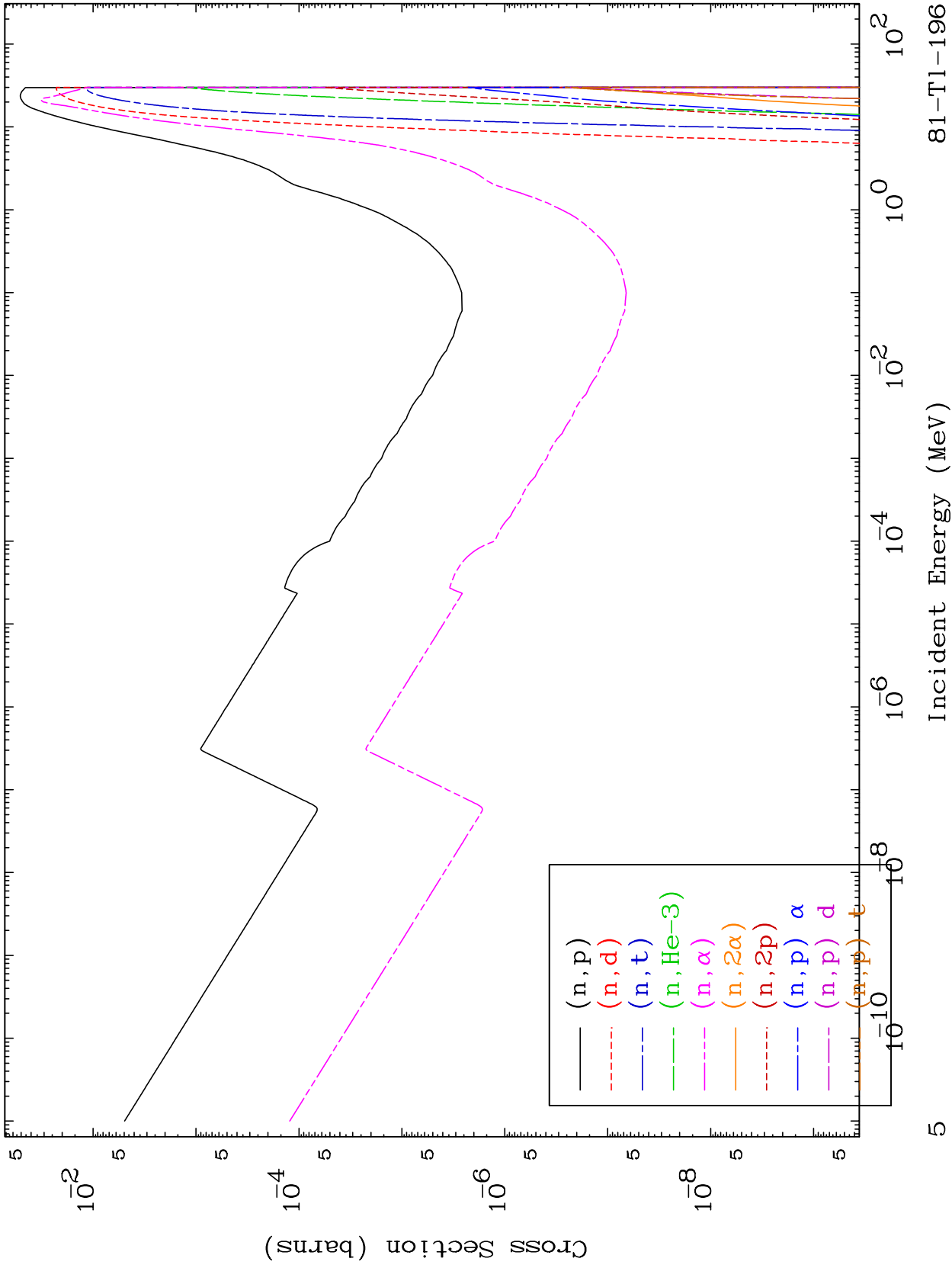
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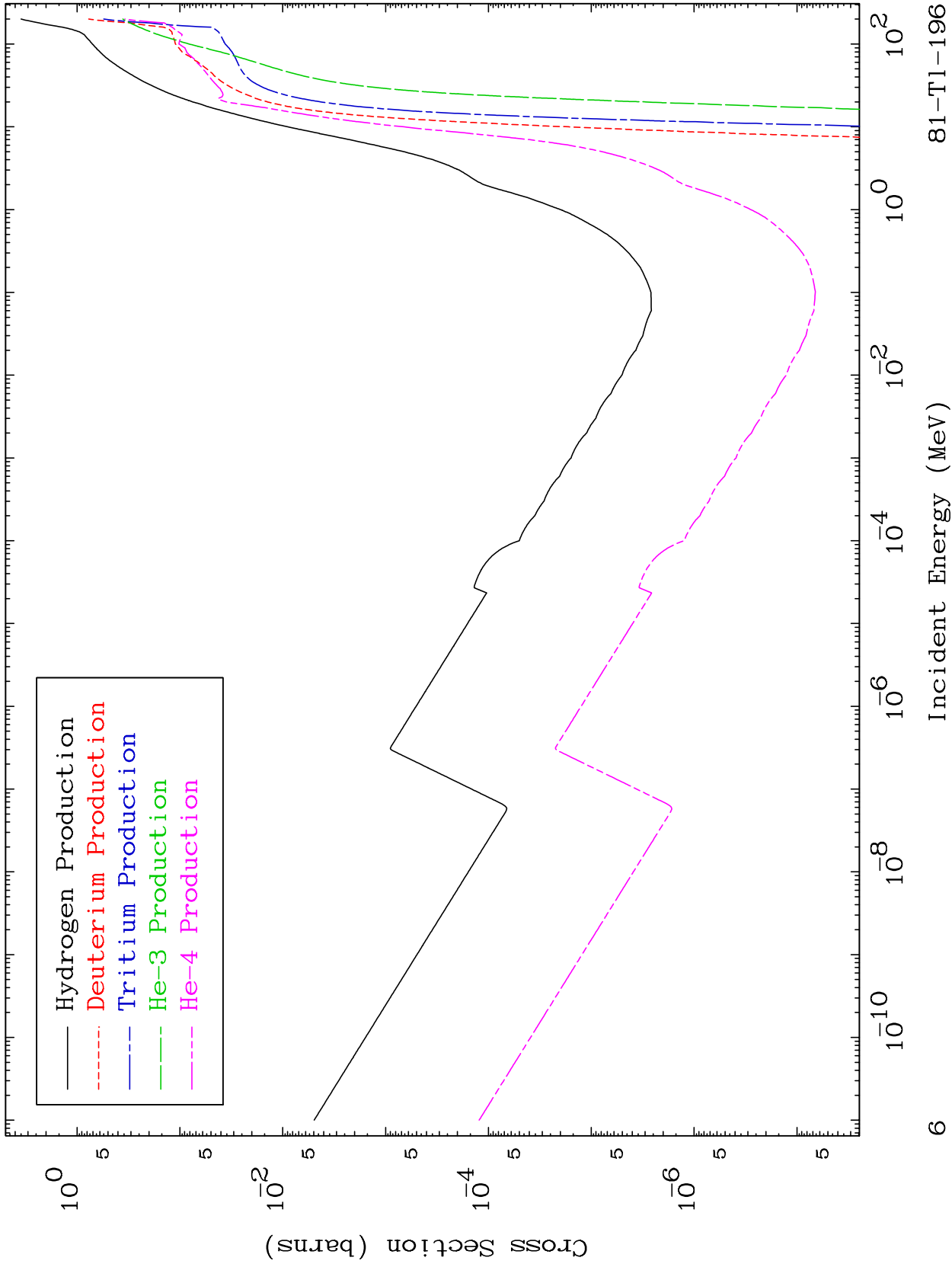


MAT 8105

Charged Particle
293 Kelvin Cross Sections

81-Tl-196



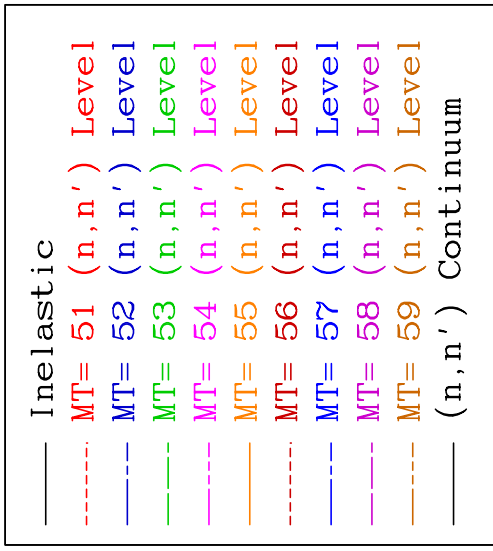
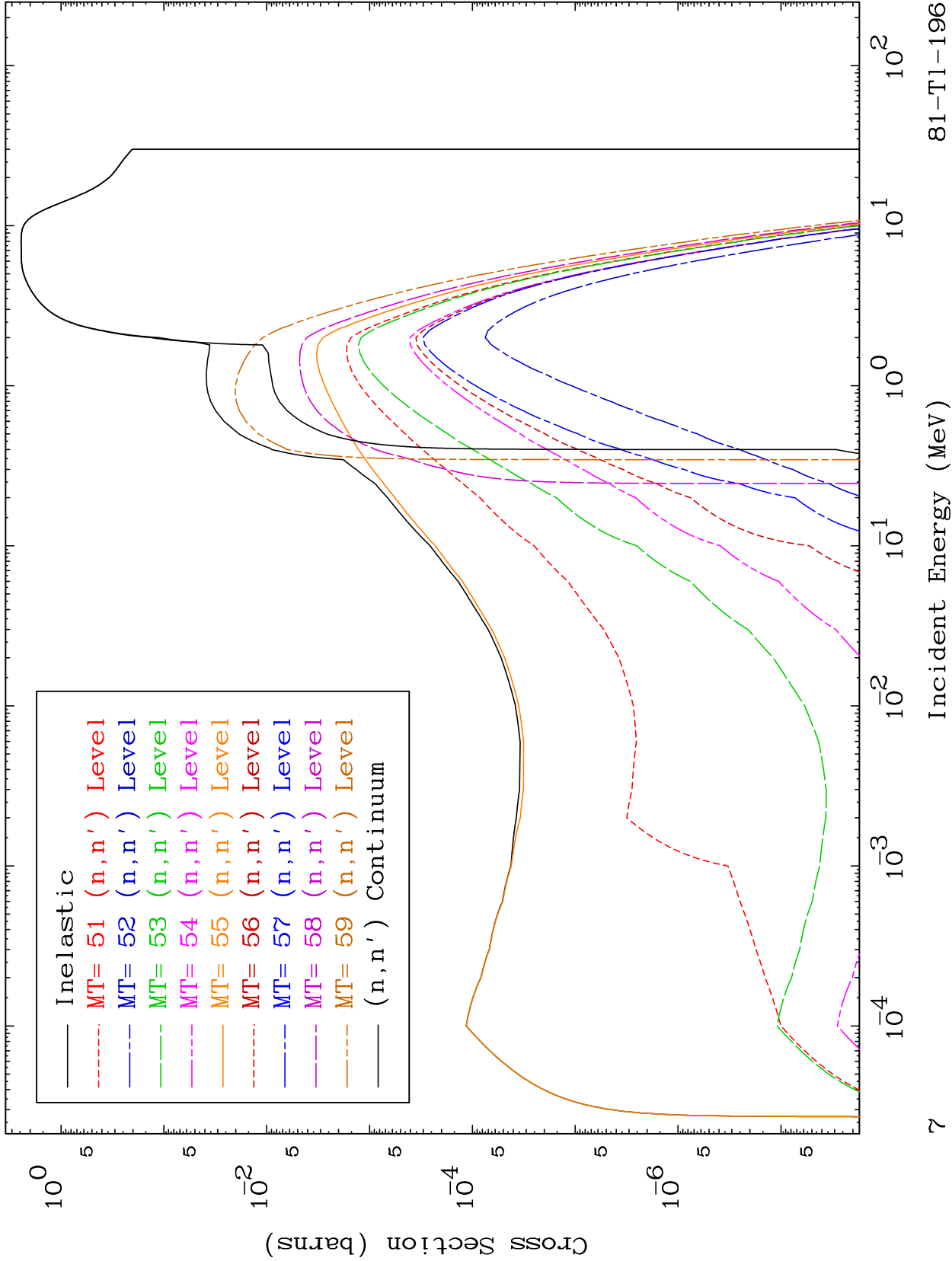


MAT 8105

(n,n') Level

81-Tl-196

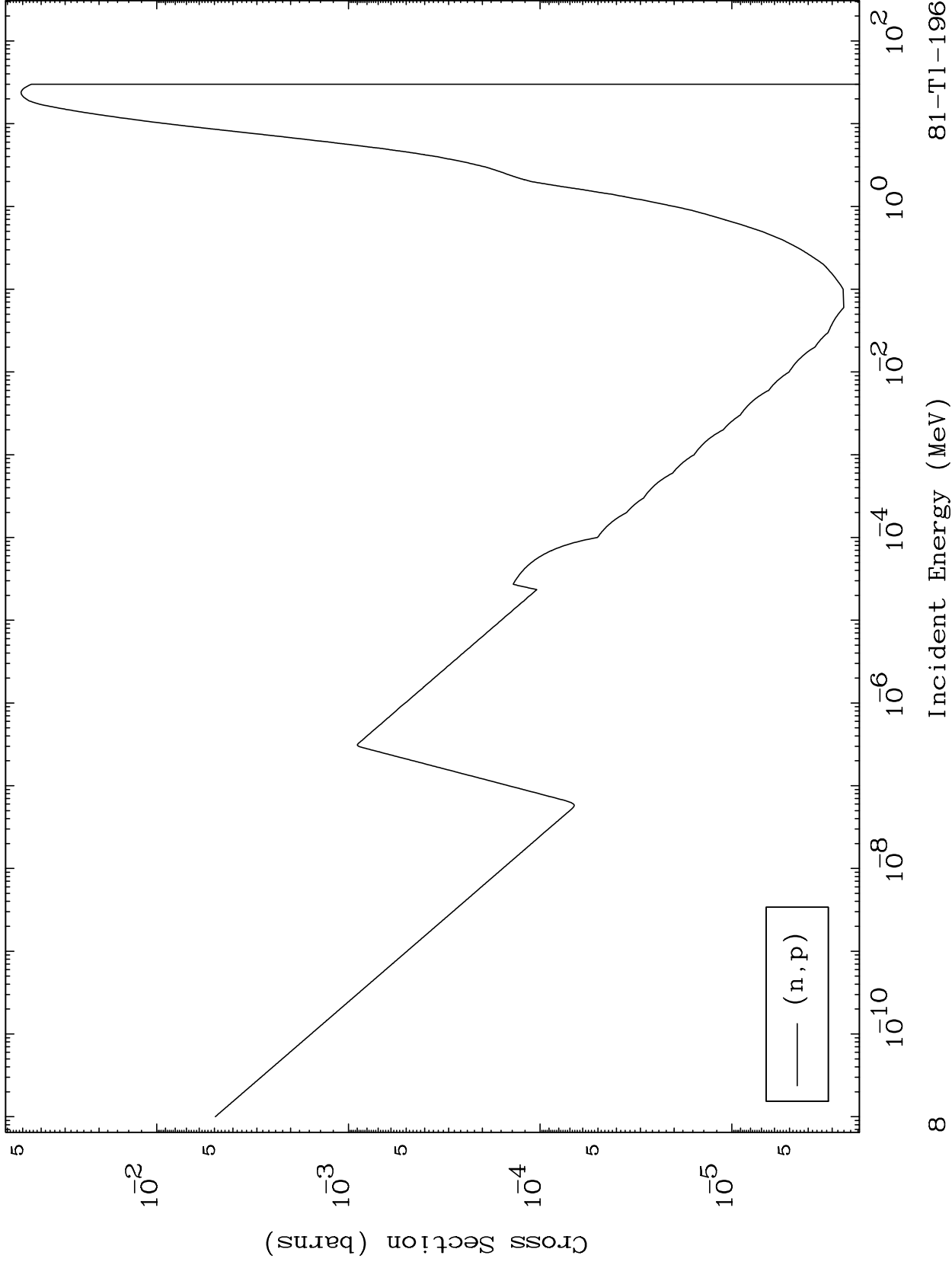
293 Kelvin Cross Sections



MAT 8105

(n,p) Levels
293 Kelvin Cross Sections

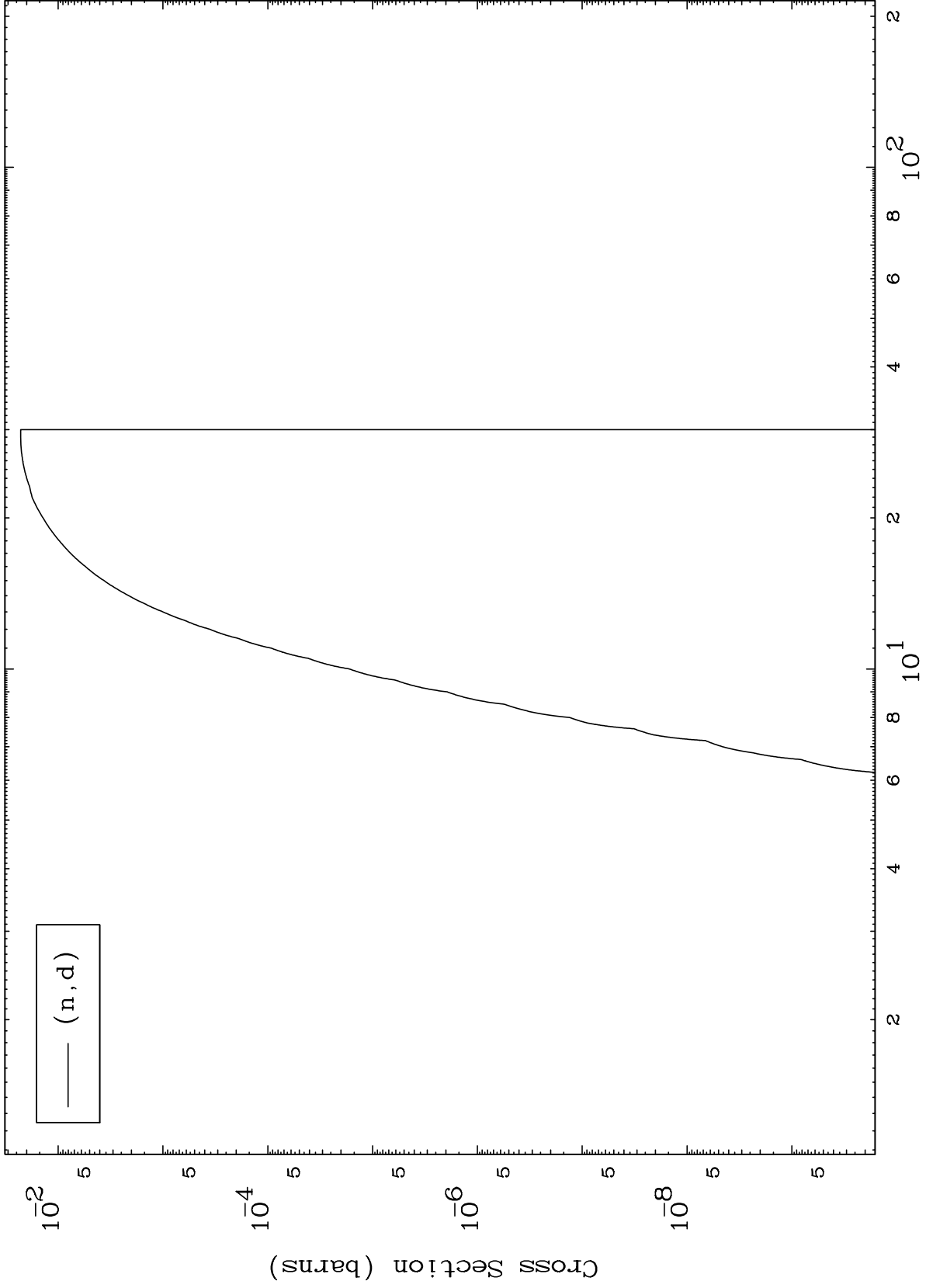
81-Tl-196



MAT 8105

(n,d) Levels
293 Kelvin Cross Sections

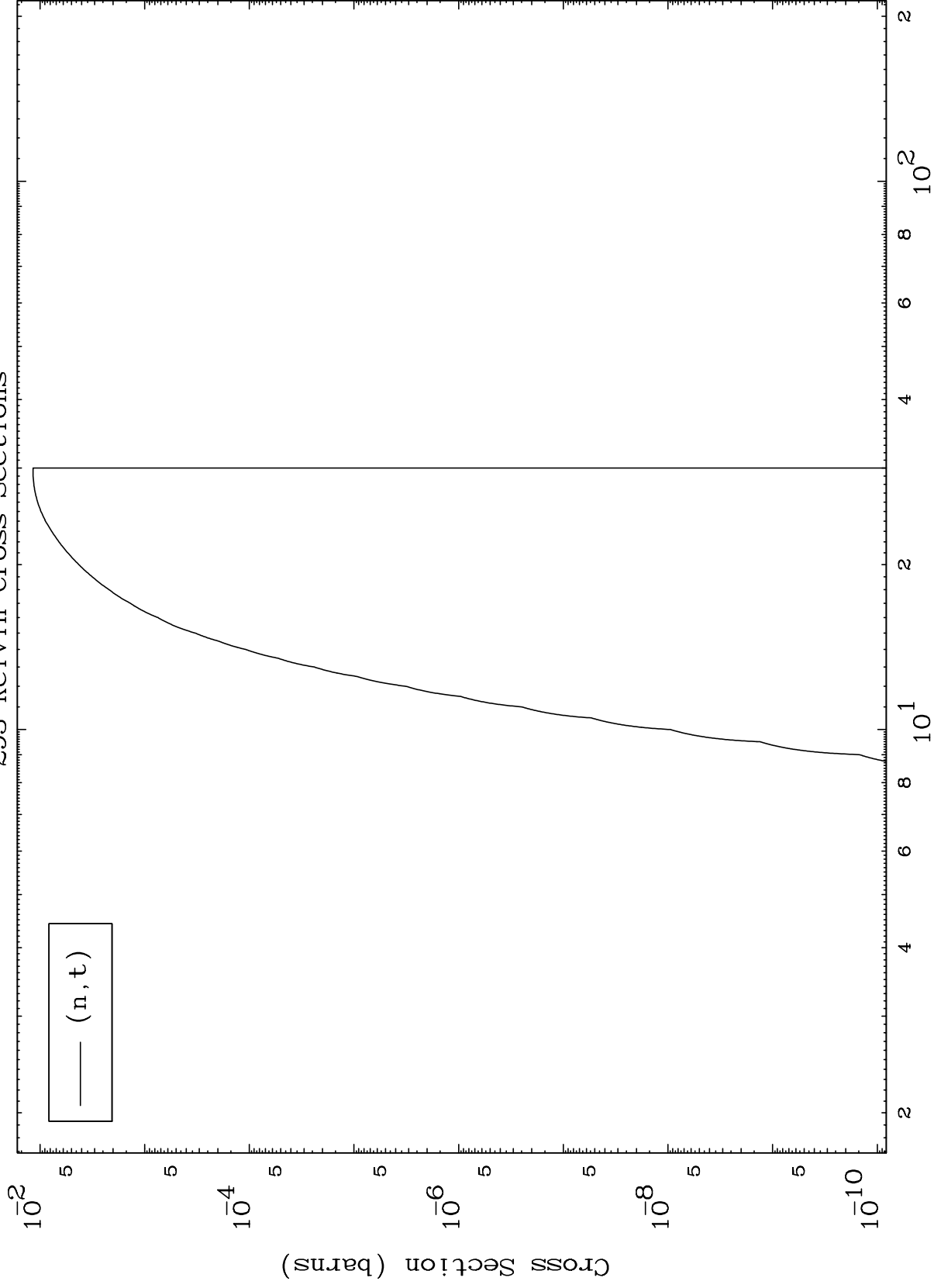
81-Tl-196



MAT 8105

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-196



10

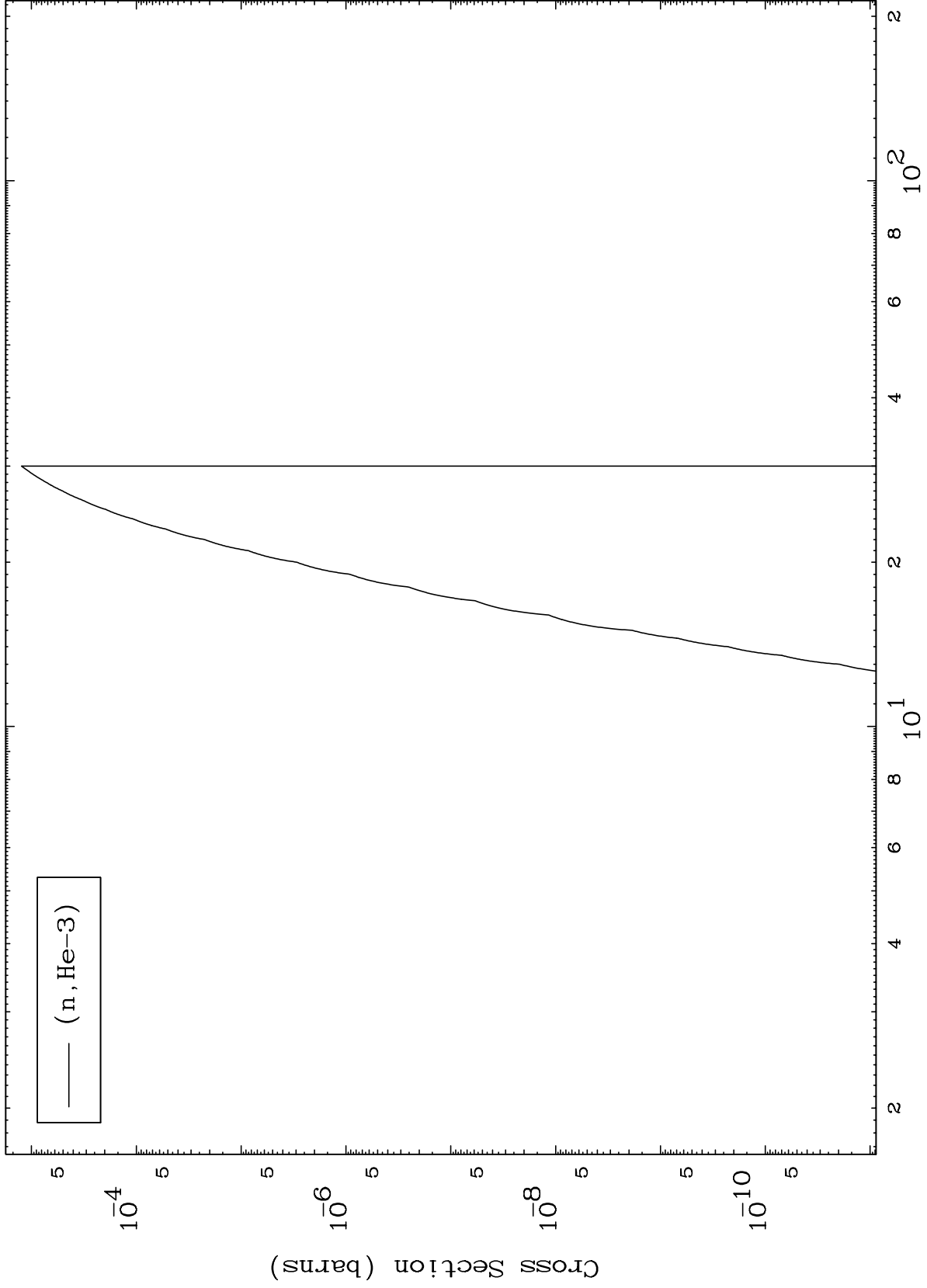
Incident Energy (MeV)

81-Tl-196

MAT 8105

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-196



11

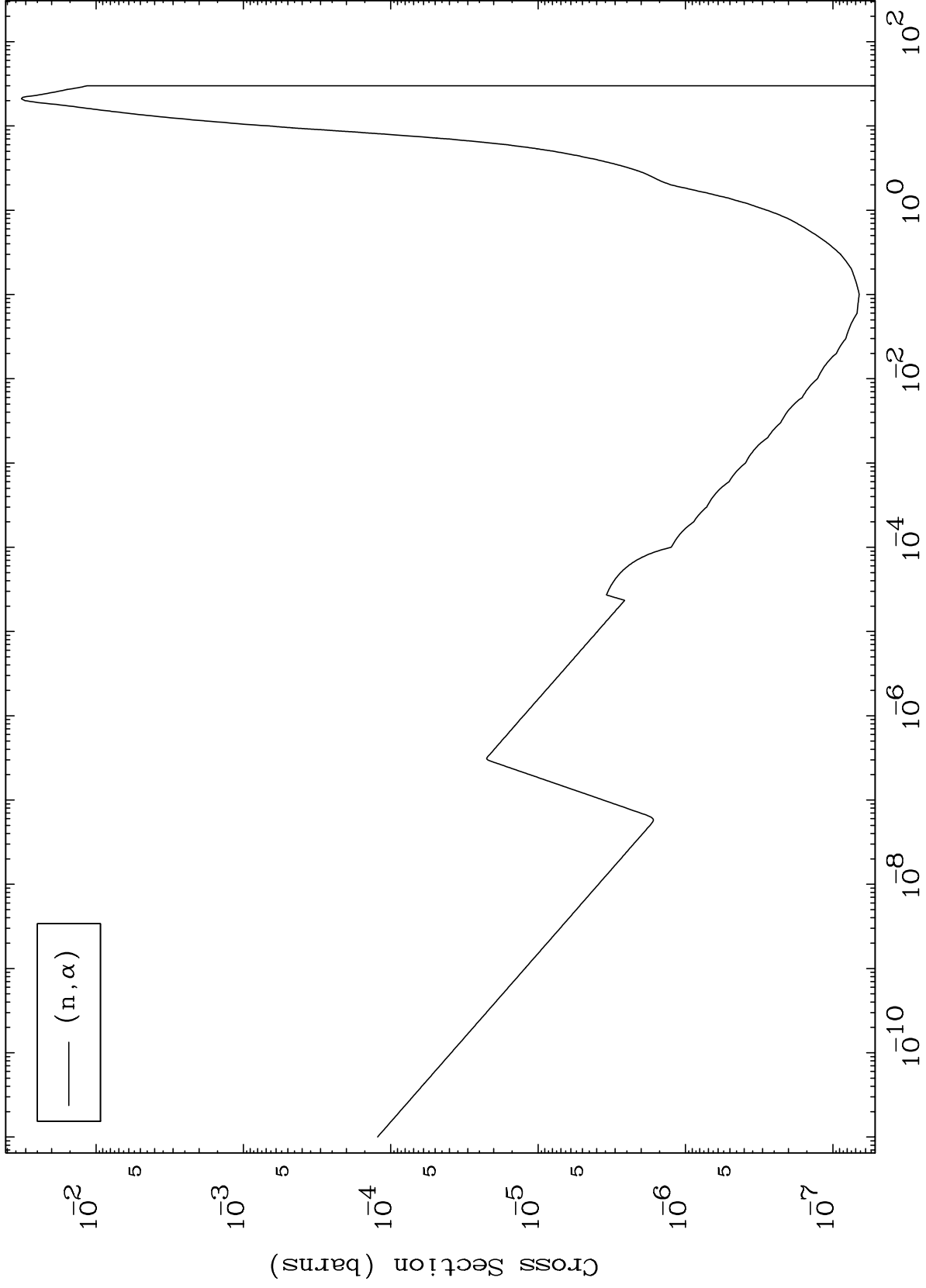
Incident Energy (MeV)

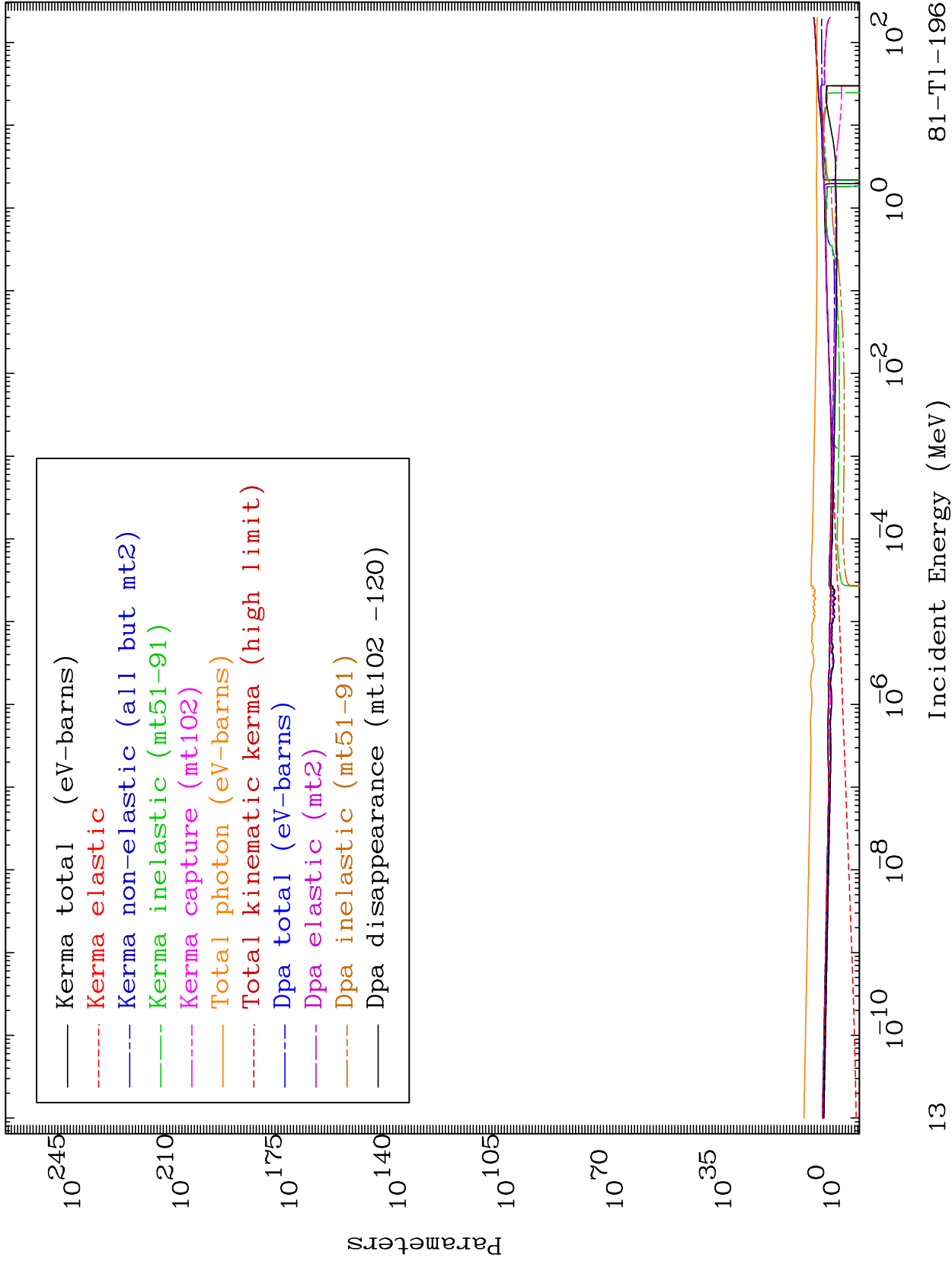
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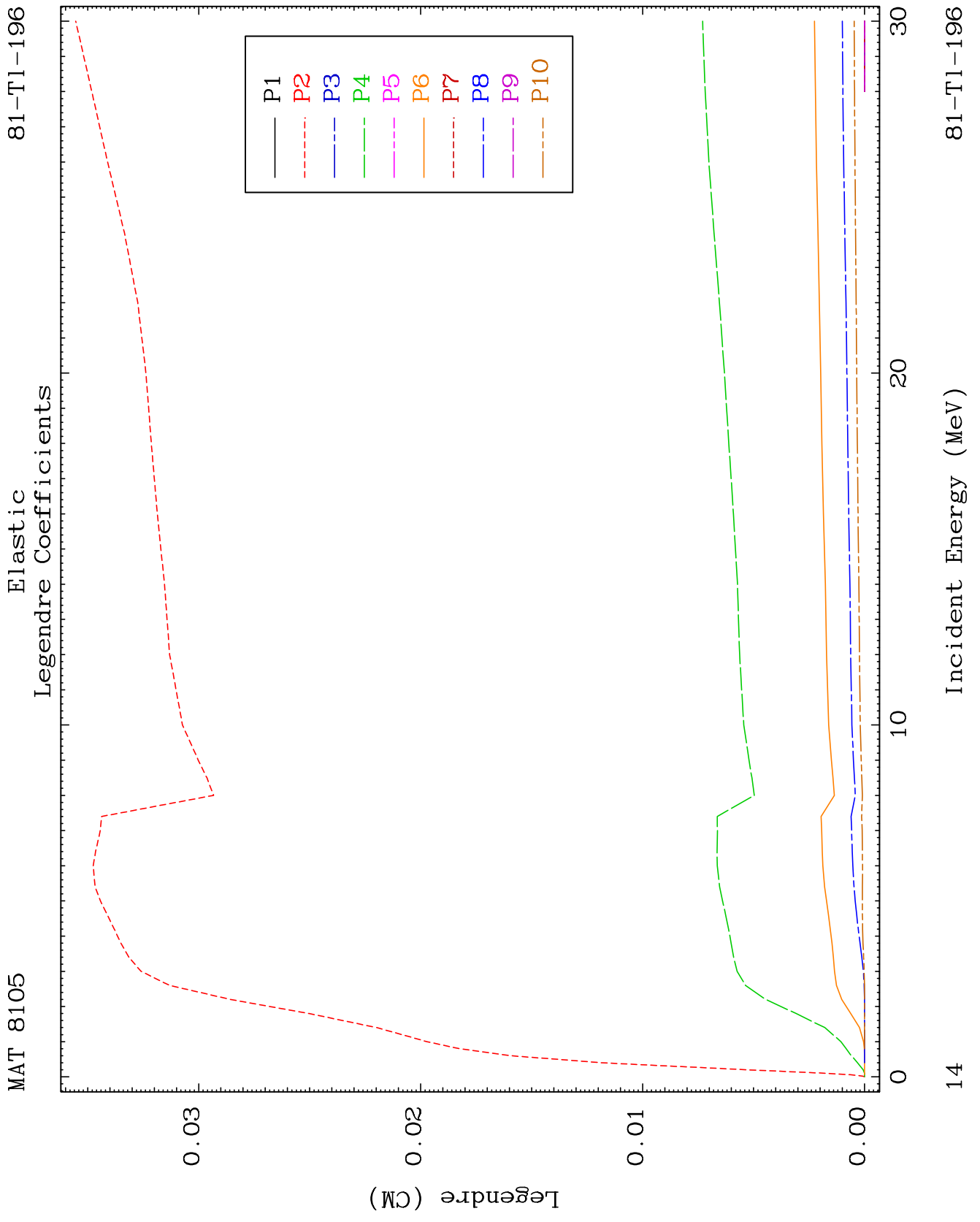
MAT 8105

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-196



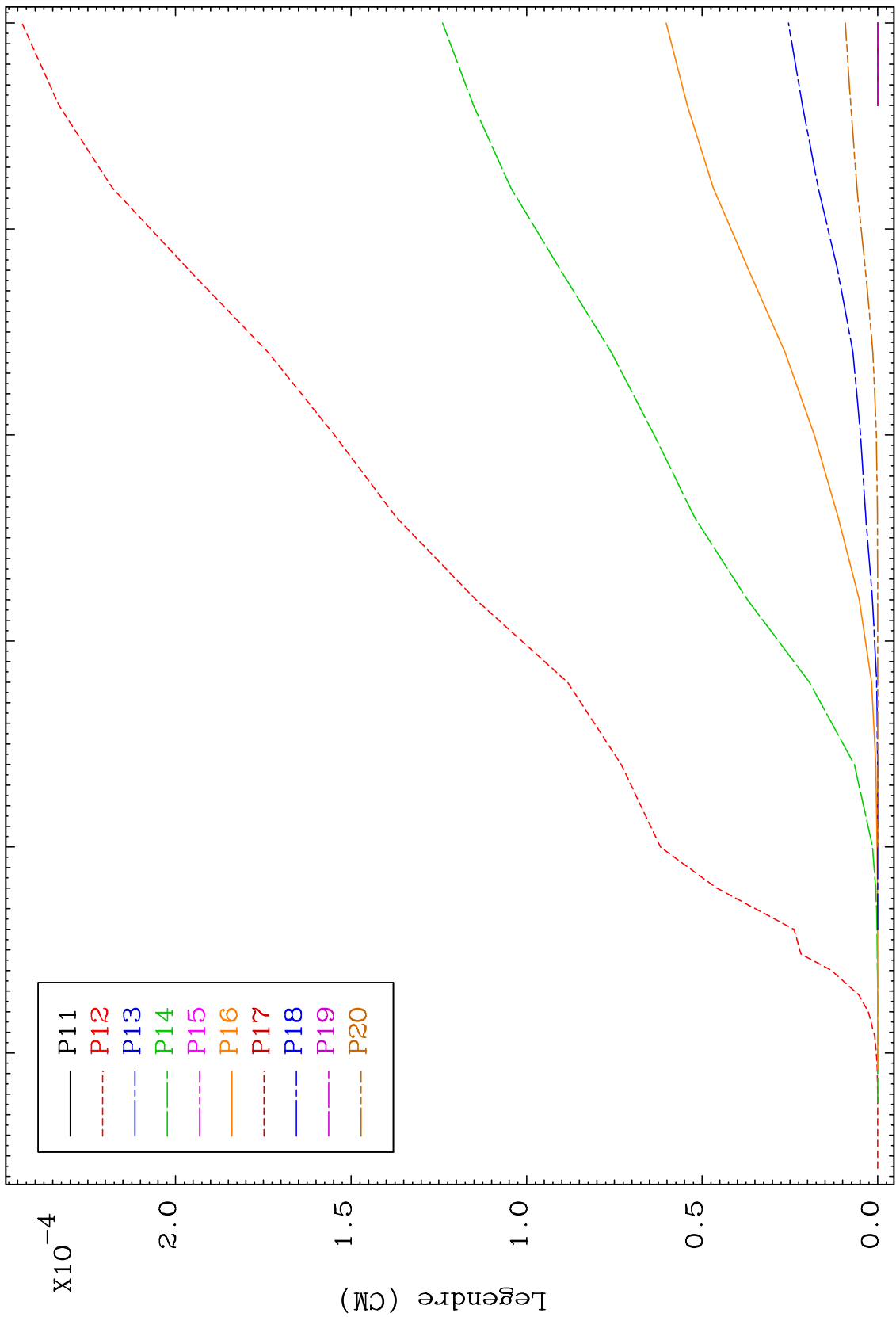




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Elastic Legendre Coefficients

81-T1-196



15

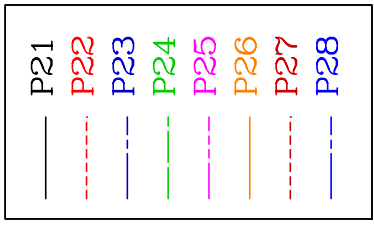
Incident Energy (MeV)

81-T1-196

MAT 8105

Elastic Legendre Coefficients

81-T1-196



$\times 10^{-6}$

Legendre (CM)



30

25

20

15

16

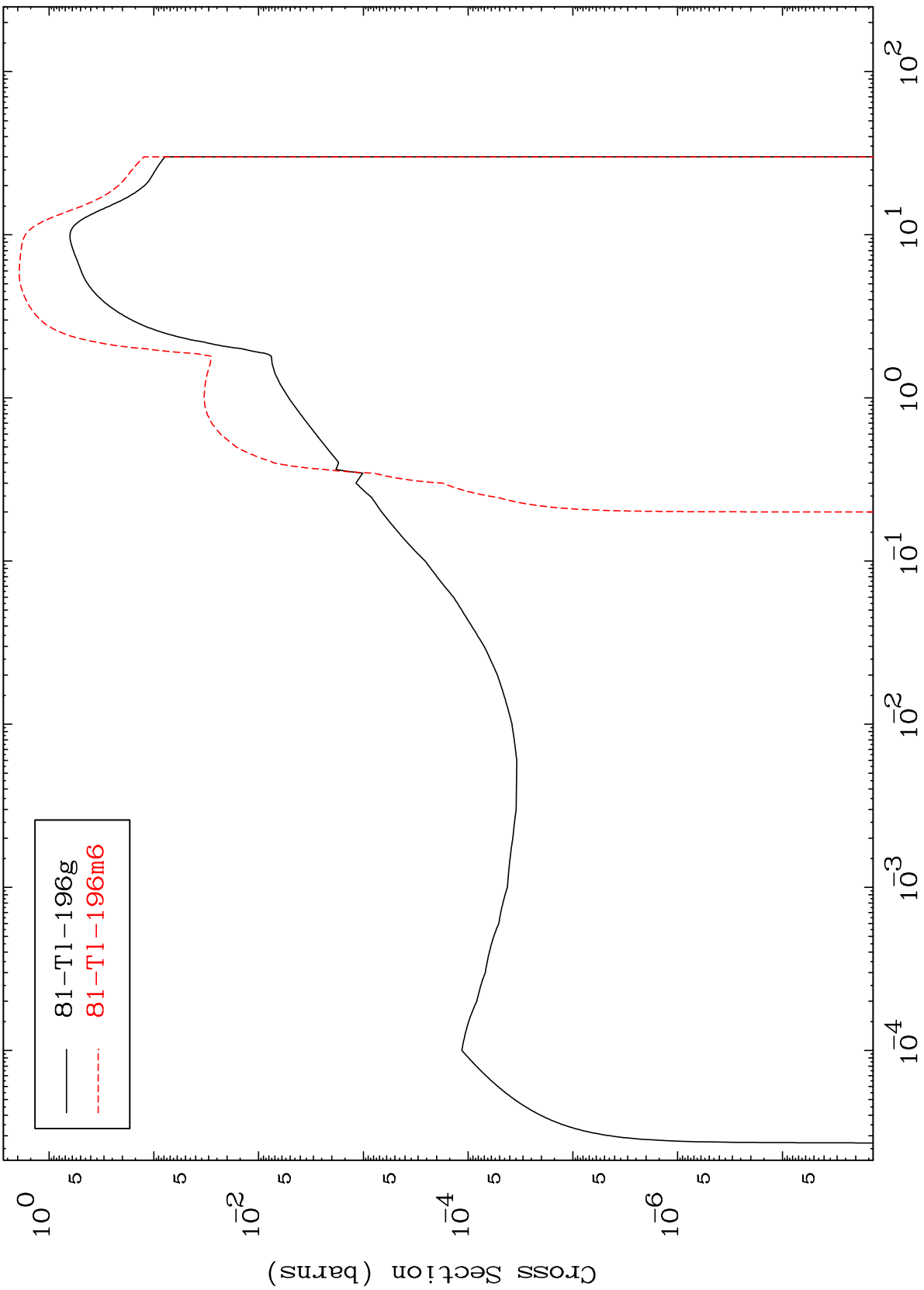
Incident Energy (MeV)

81-T1-196

MAT 8105

81-Tl-196

Inelastic
Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

81-Tl-196

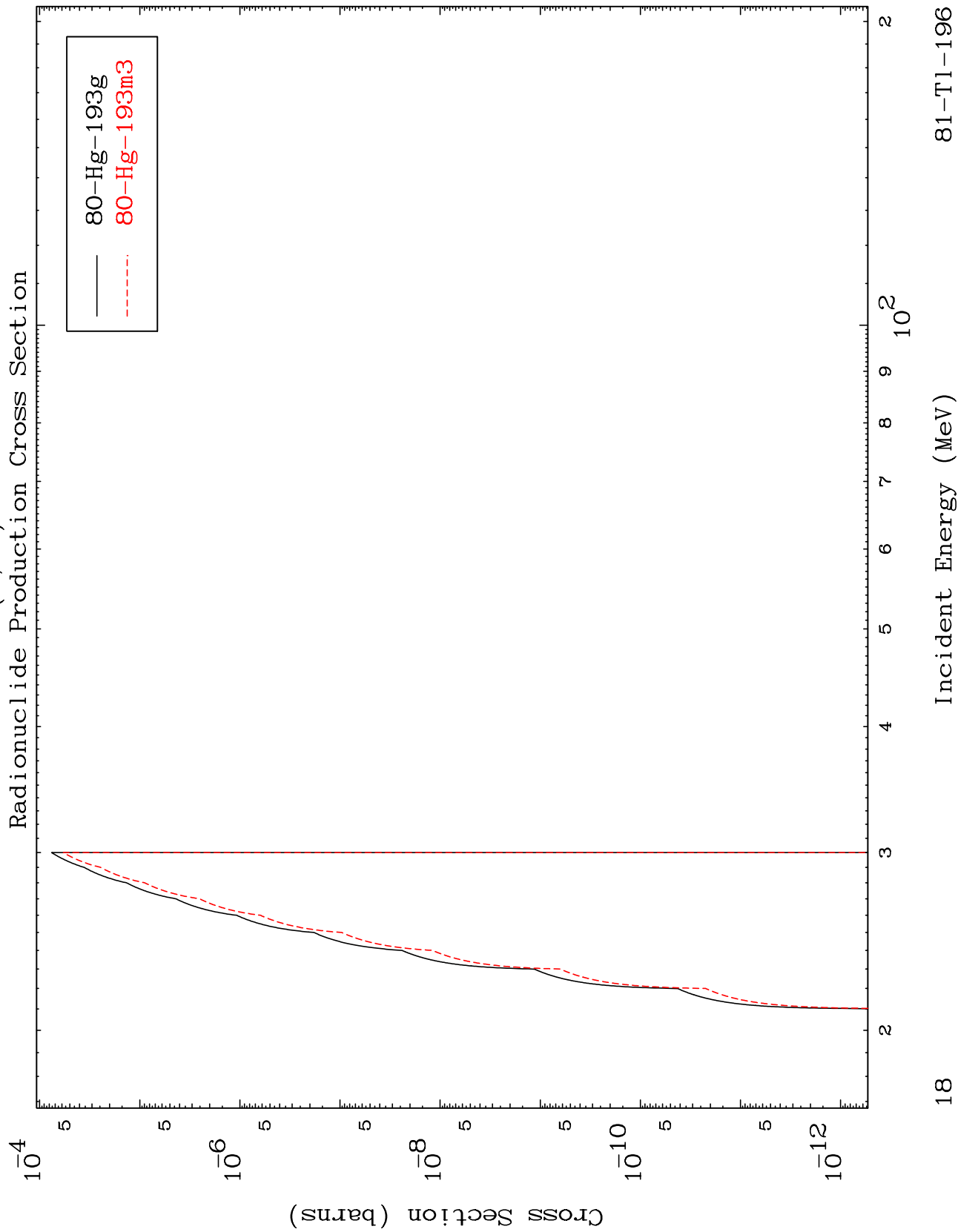
Incident Energy (MeV)

17

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(n,2n) d

81-Tl-196



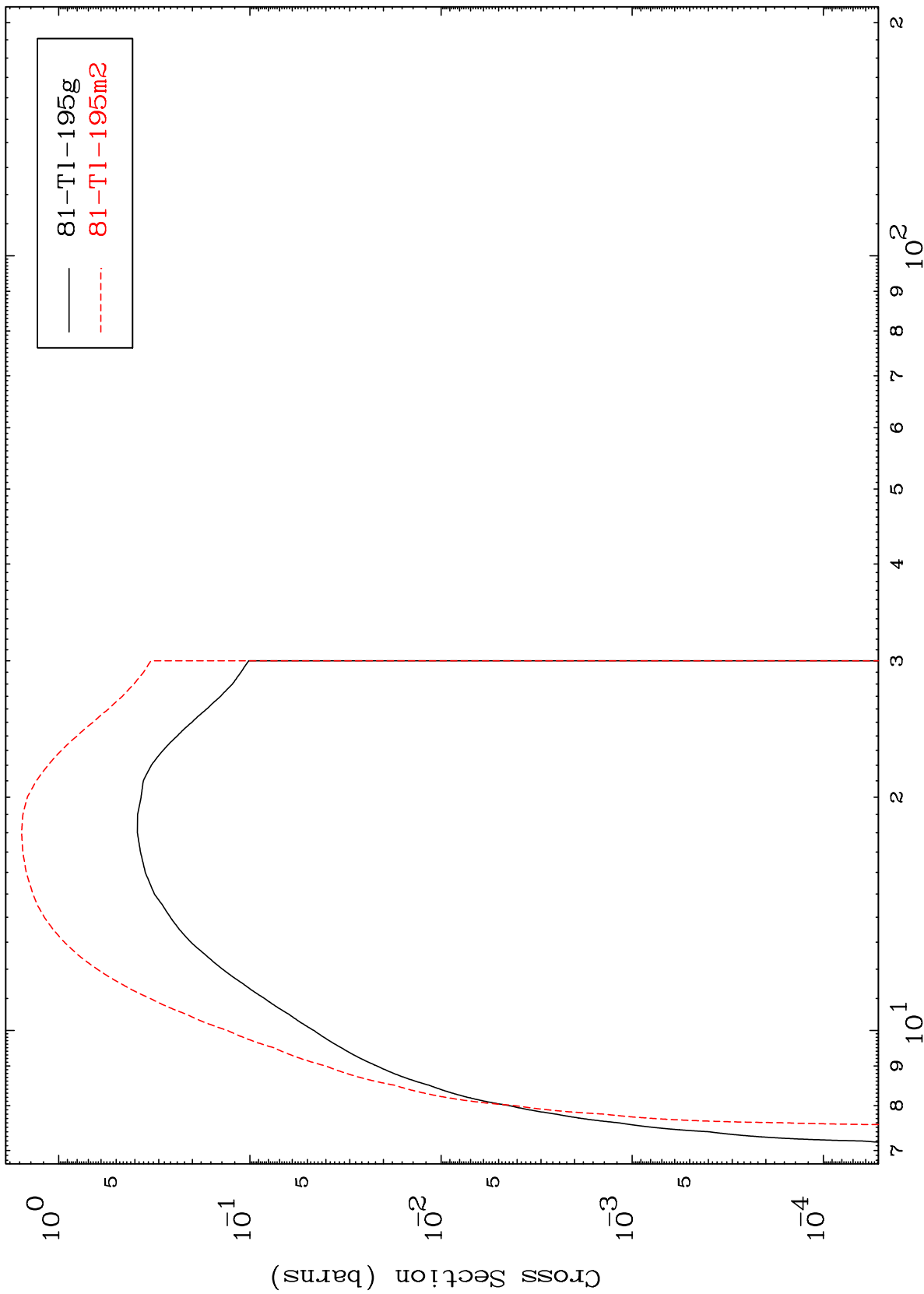
18

81-Tl-196

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81-Tl-196

(n,2n)
Radionuclide Production Cross Section



19

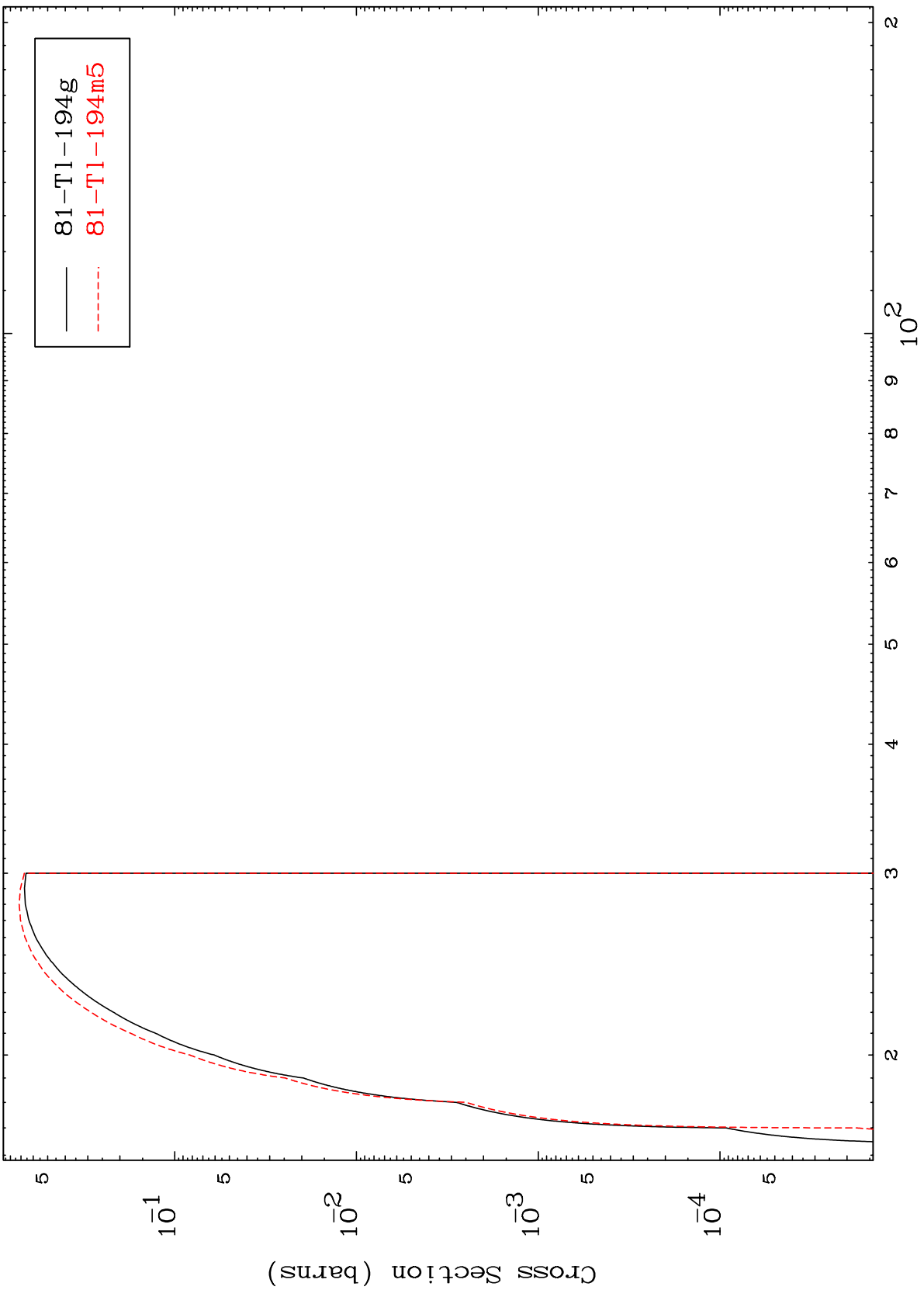
Incident Energy (MeV)

81-Tl-196

MAT 8105

81-Tl-196

(n,3n)
Radionuclide Production Cross Section



20

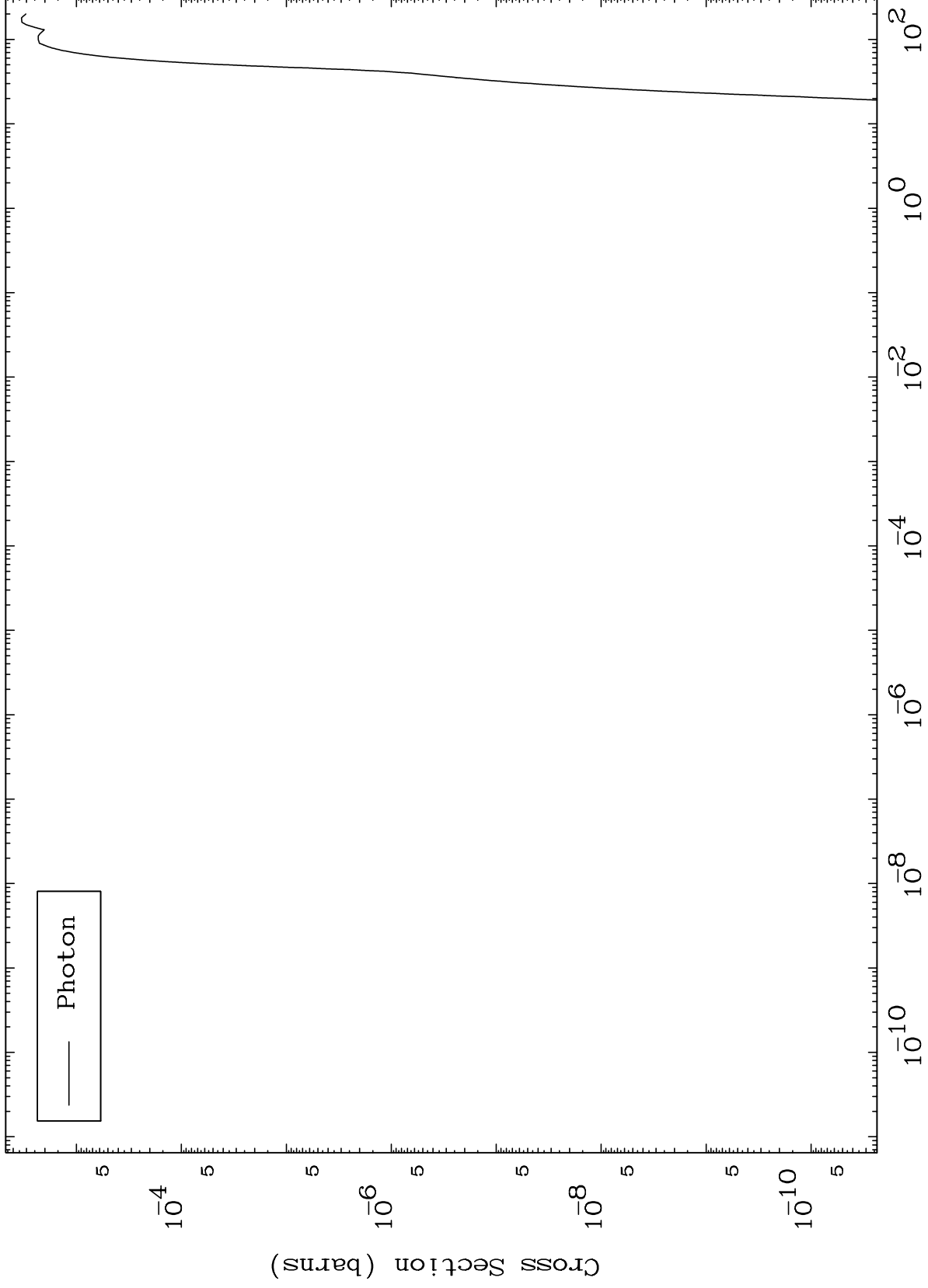
Incident Energy (MeV)

81-Tl-196

MAT 8105

Fission
Radionuclide Production Cross Section

81-Tl-196



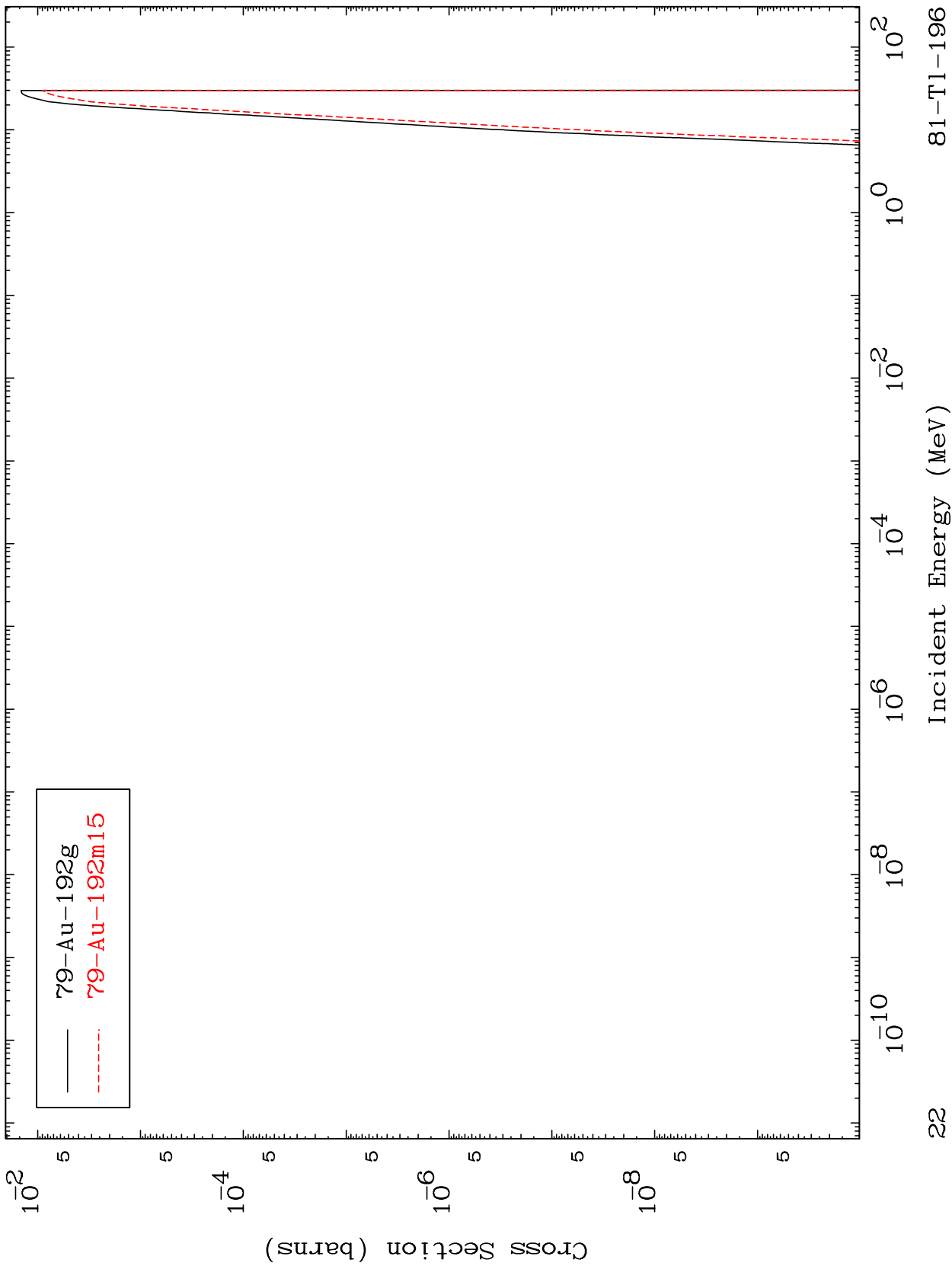
81-Tl-196

MAT 8105

$(n, n') \alpha$

81-Tl-196

Radionuclide Production Cross Section

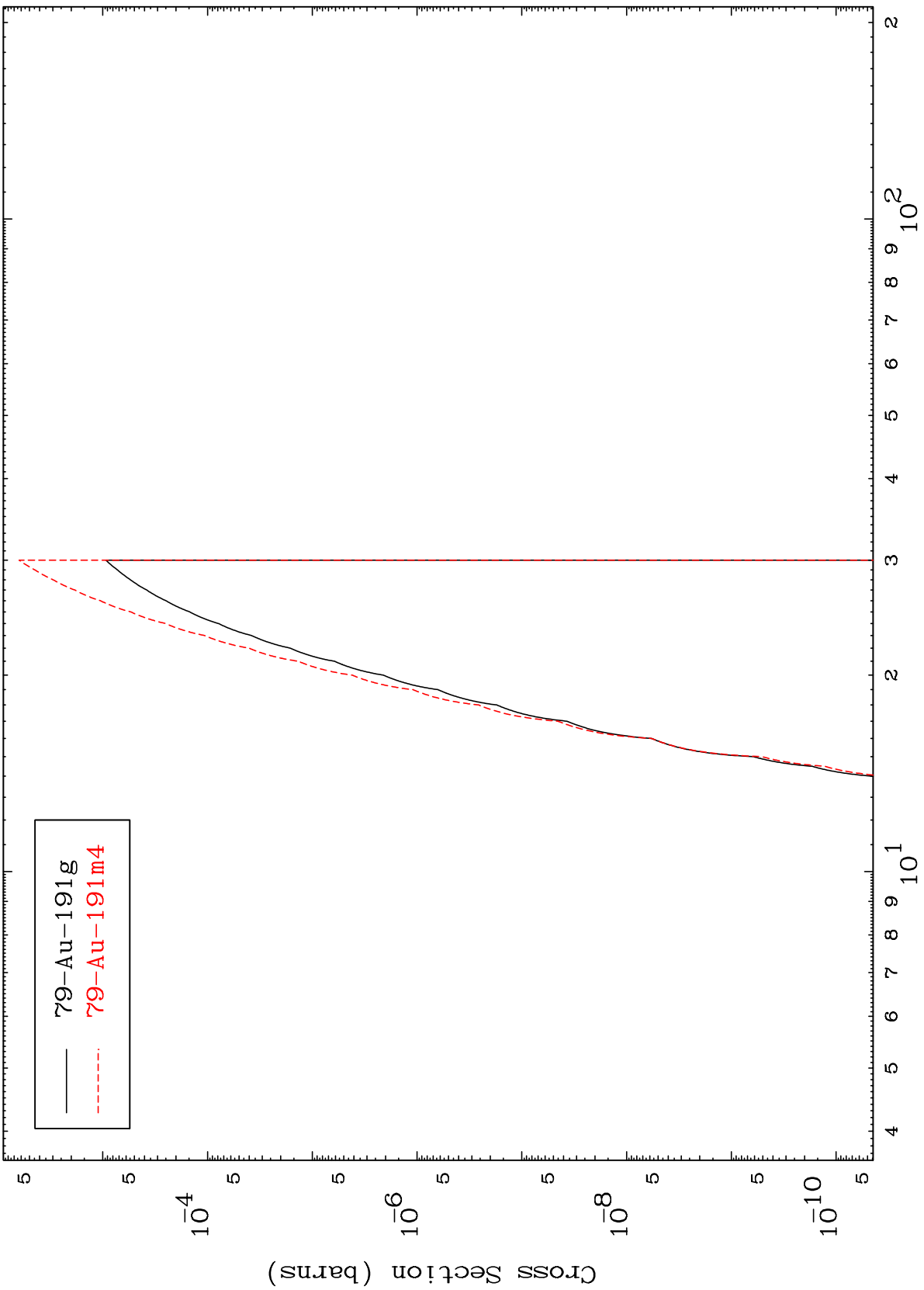


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(n,2n) α

81-Tl-196

Radionuclide Production Cross Section



23

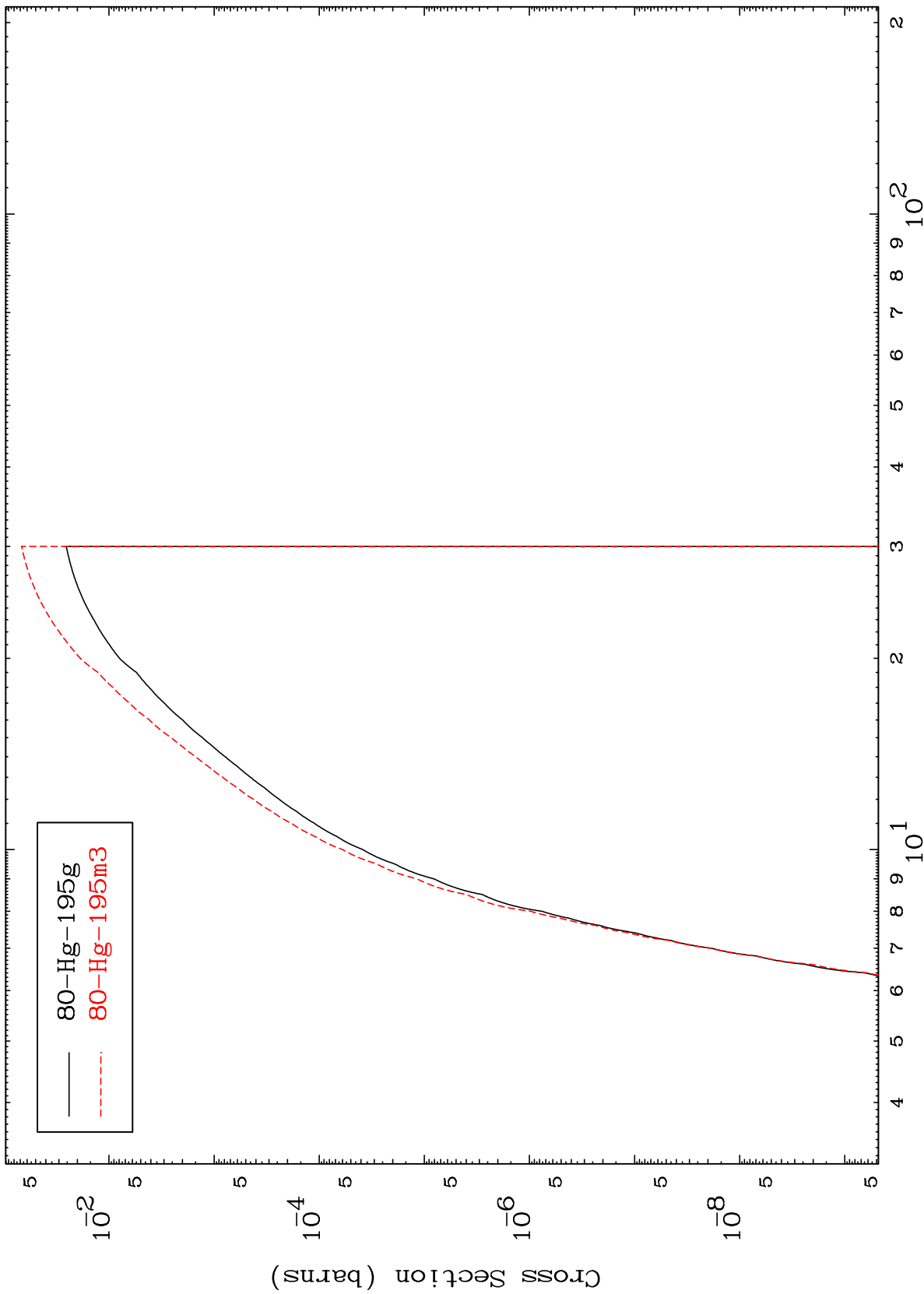
Incident Energy (MeV)

81-Tl-196

MAT 8105

81-T1-196

(n,n') p
Radionuclide Production Cross Section

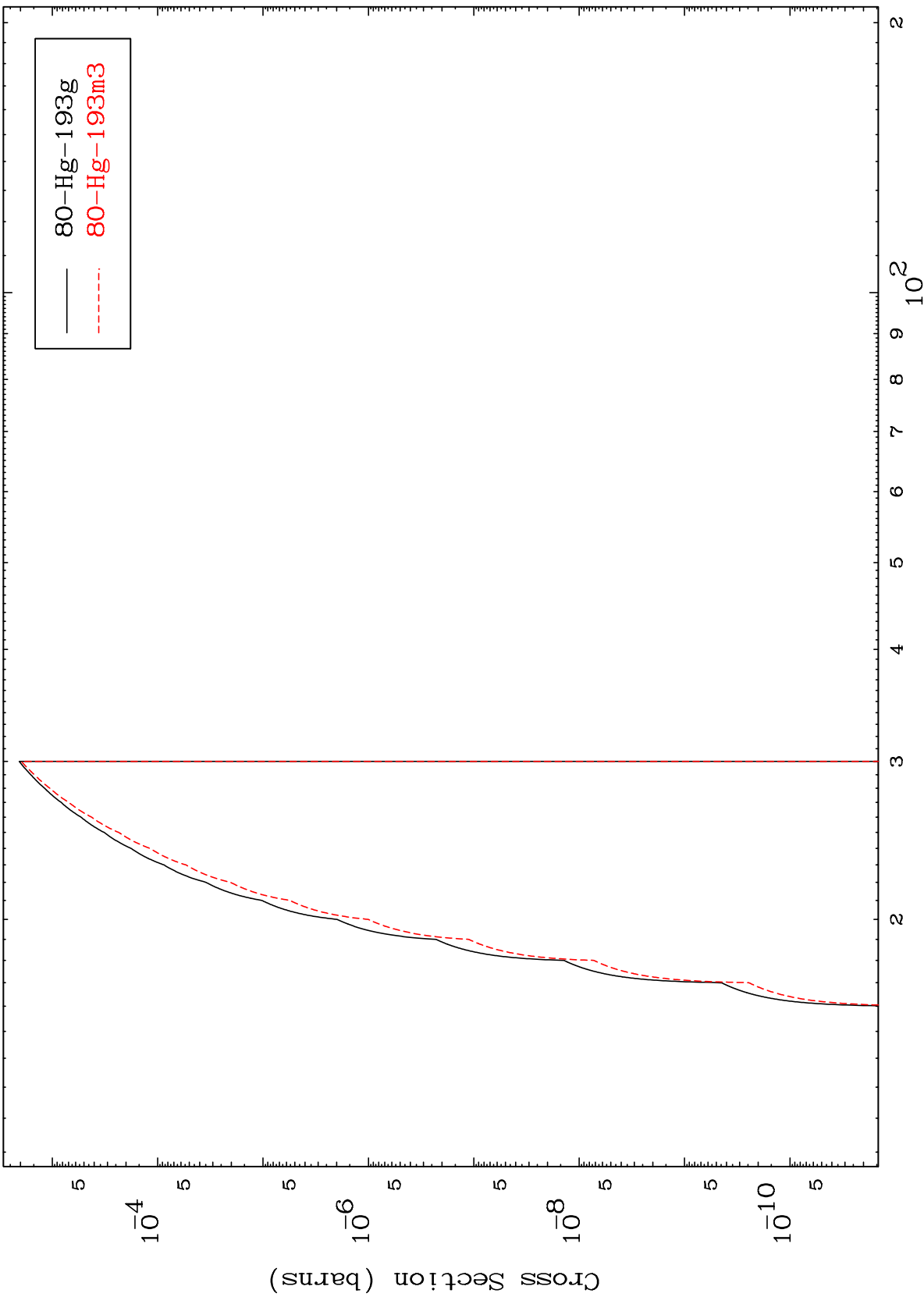


24

Incident Energy (MeV)

81-T1-196

Radionuclide Production Cross Section

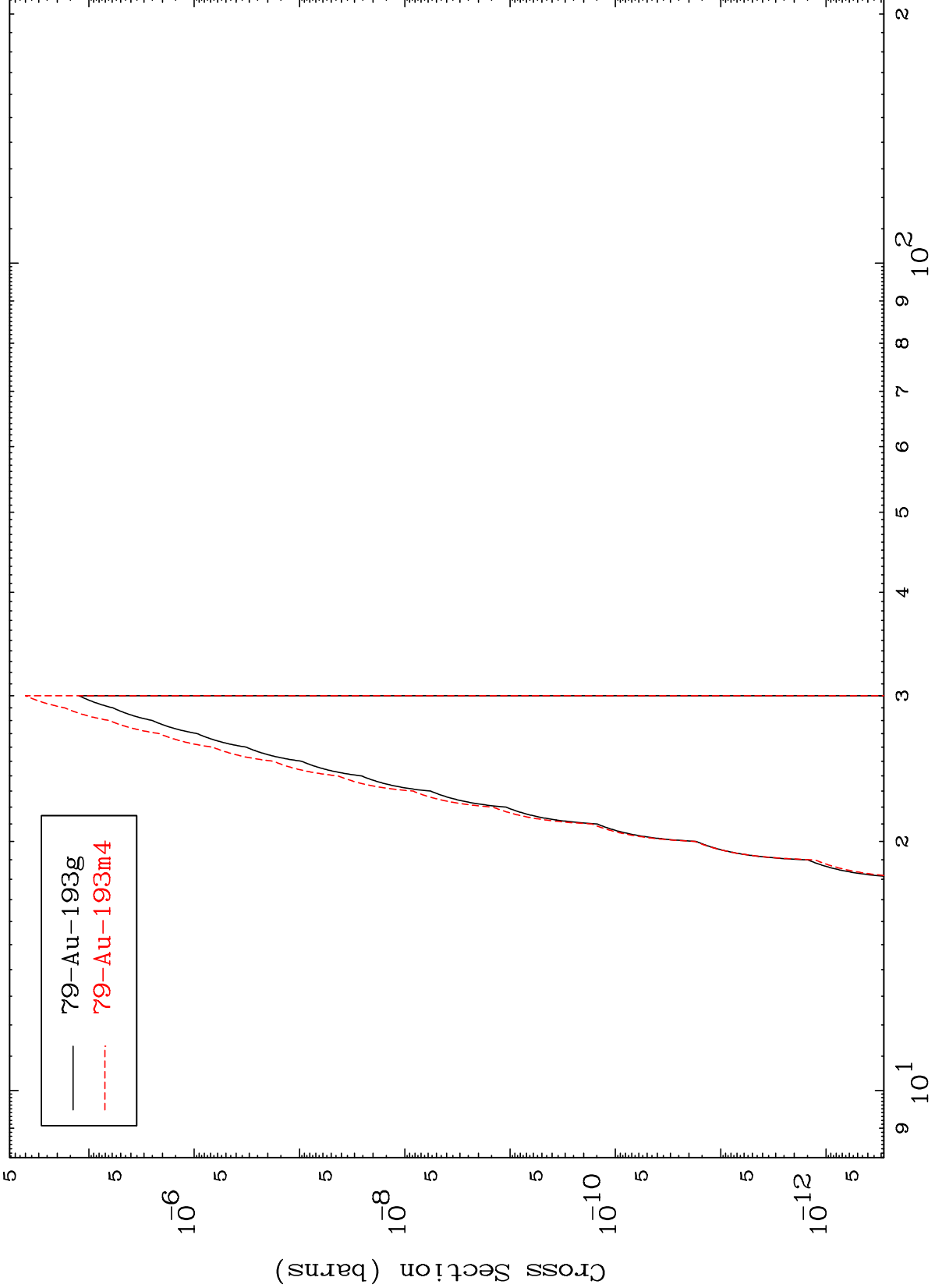


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(n,n') He-3

81-Tl-196

Radionuclide Production Cross Section



26

Incident Energy (MeV)

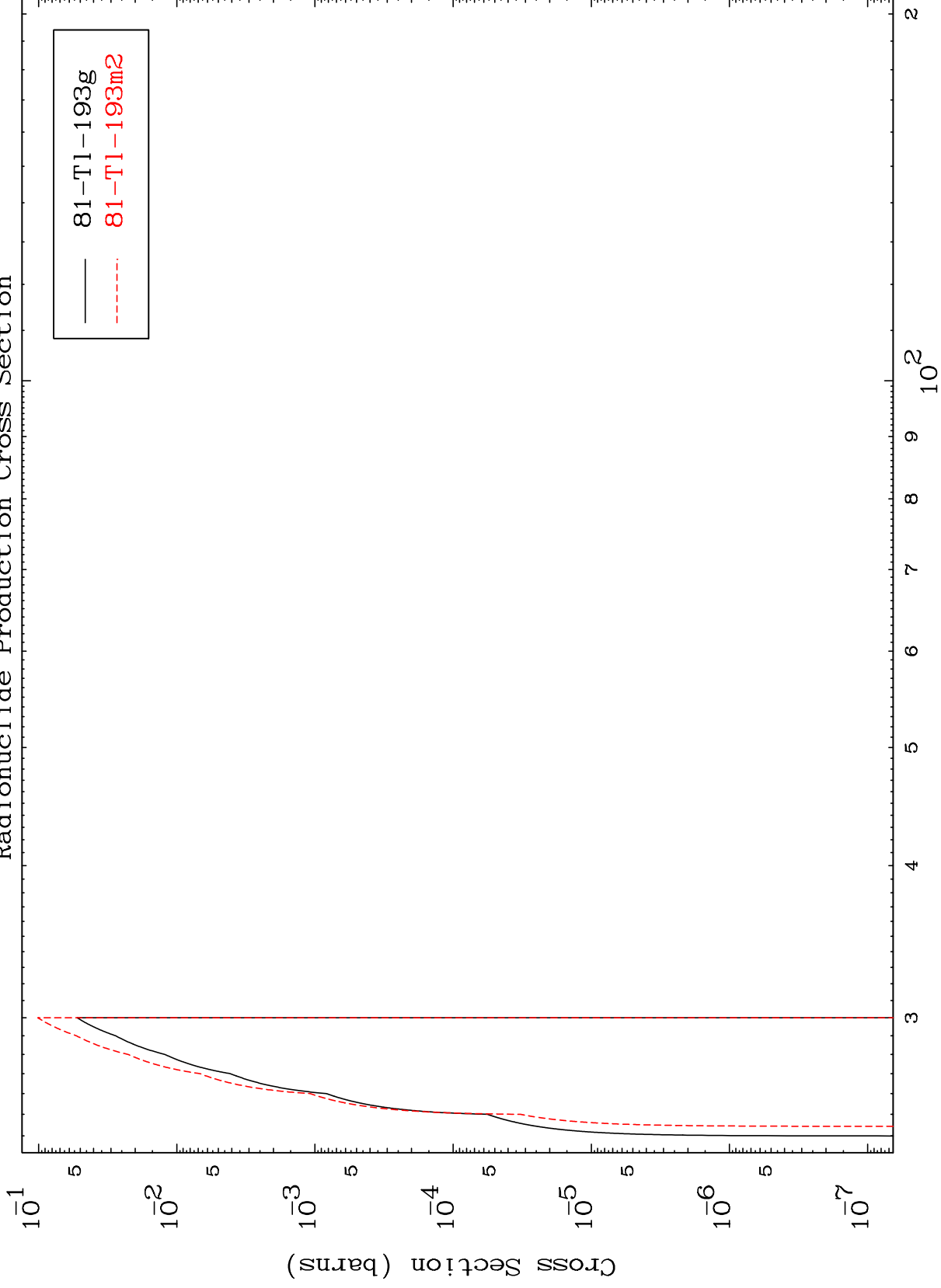
81-Tl-196

MAT 8105

(n,4n)

81-Tl-196

Radionuclide Production Cross Section



27

Incident Energy (MeV)

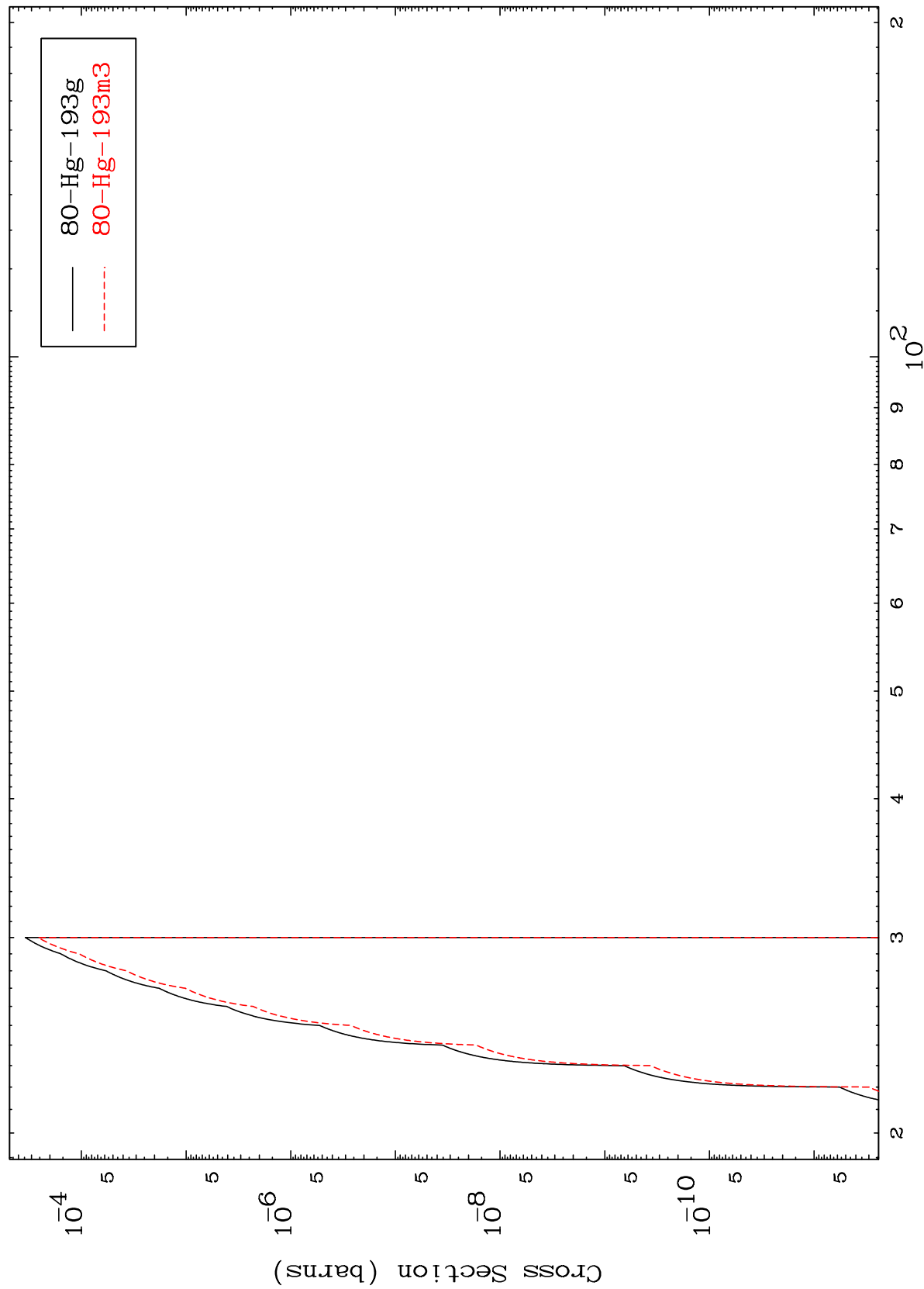
81-Tl-196

MAT 8105

(n,3n) p

81-Tl-196

Radionuclide Production Cross Section



28

Incident Energy (MeV)

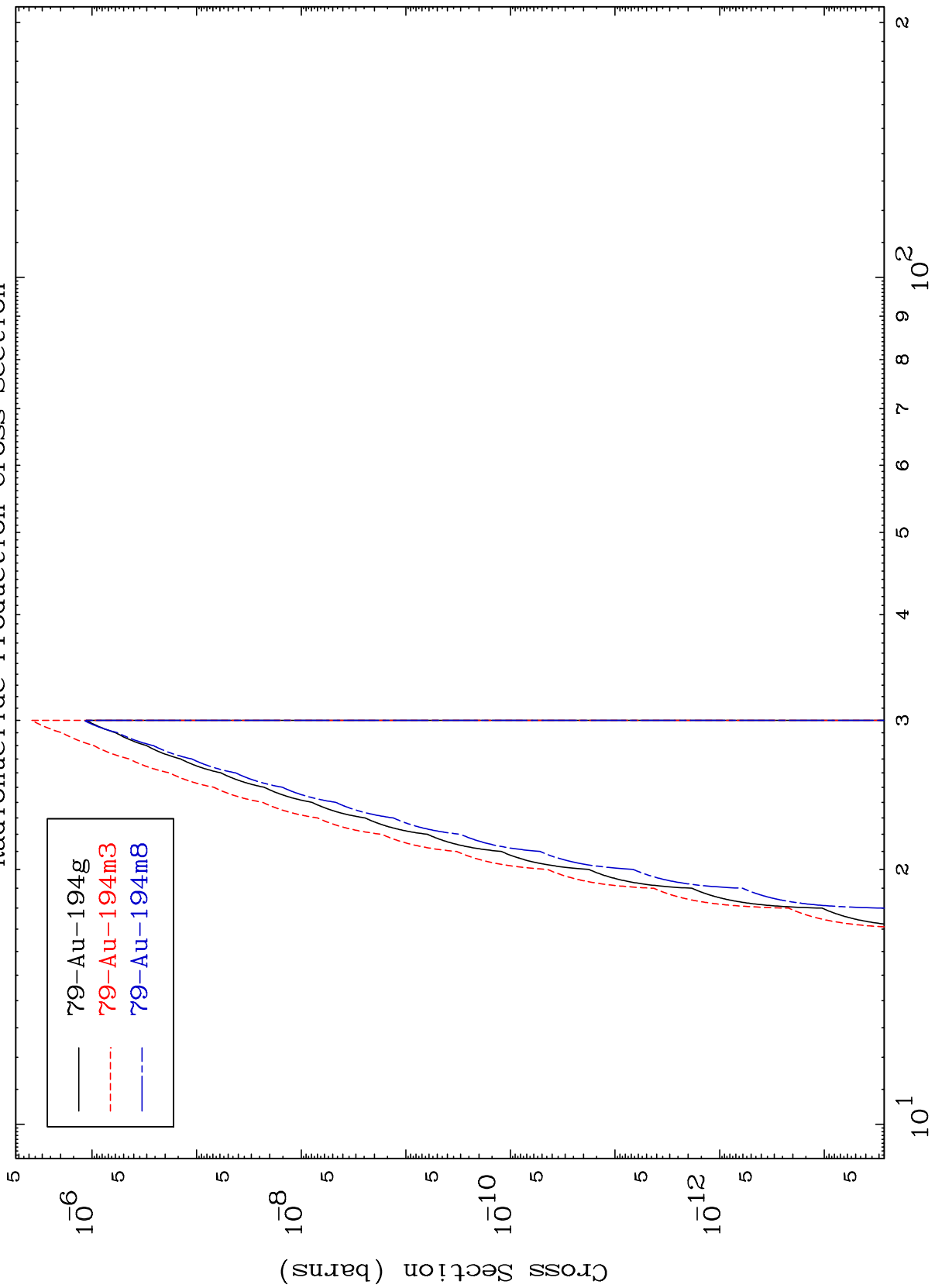
81-Tl-196

MAT 8105

(n,2n) p

81-Tl-196

Radionuclide Production Cross Section



29

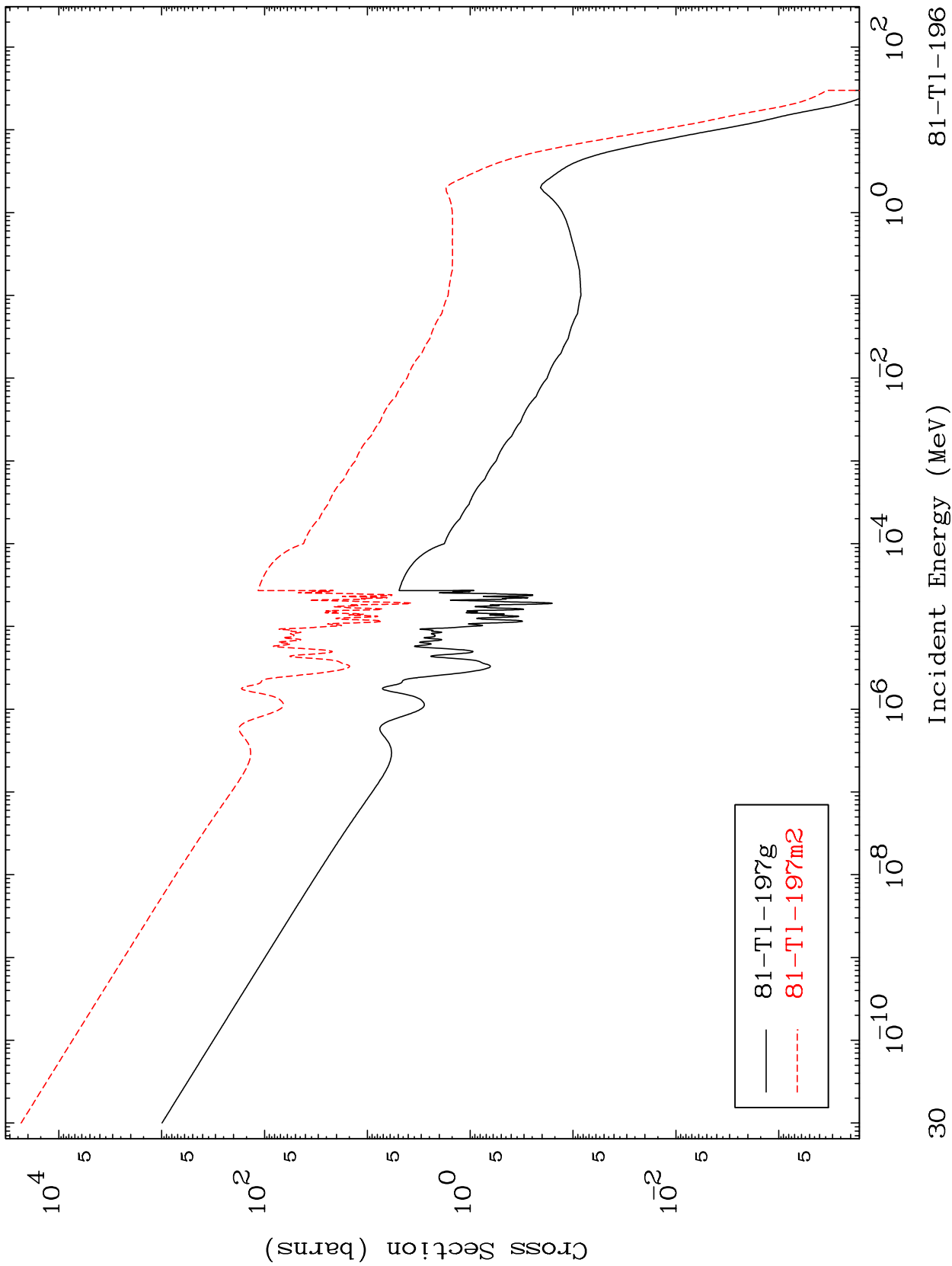
Incident Energy (MeV)

81-Tl-196

MAT 8105

81-Tl-196

(n, γ)
Radionuclide Production Cross Section



30

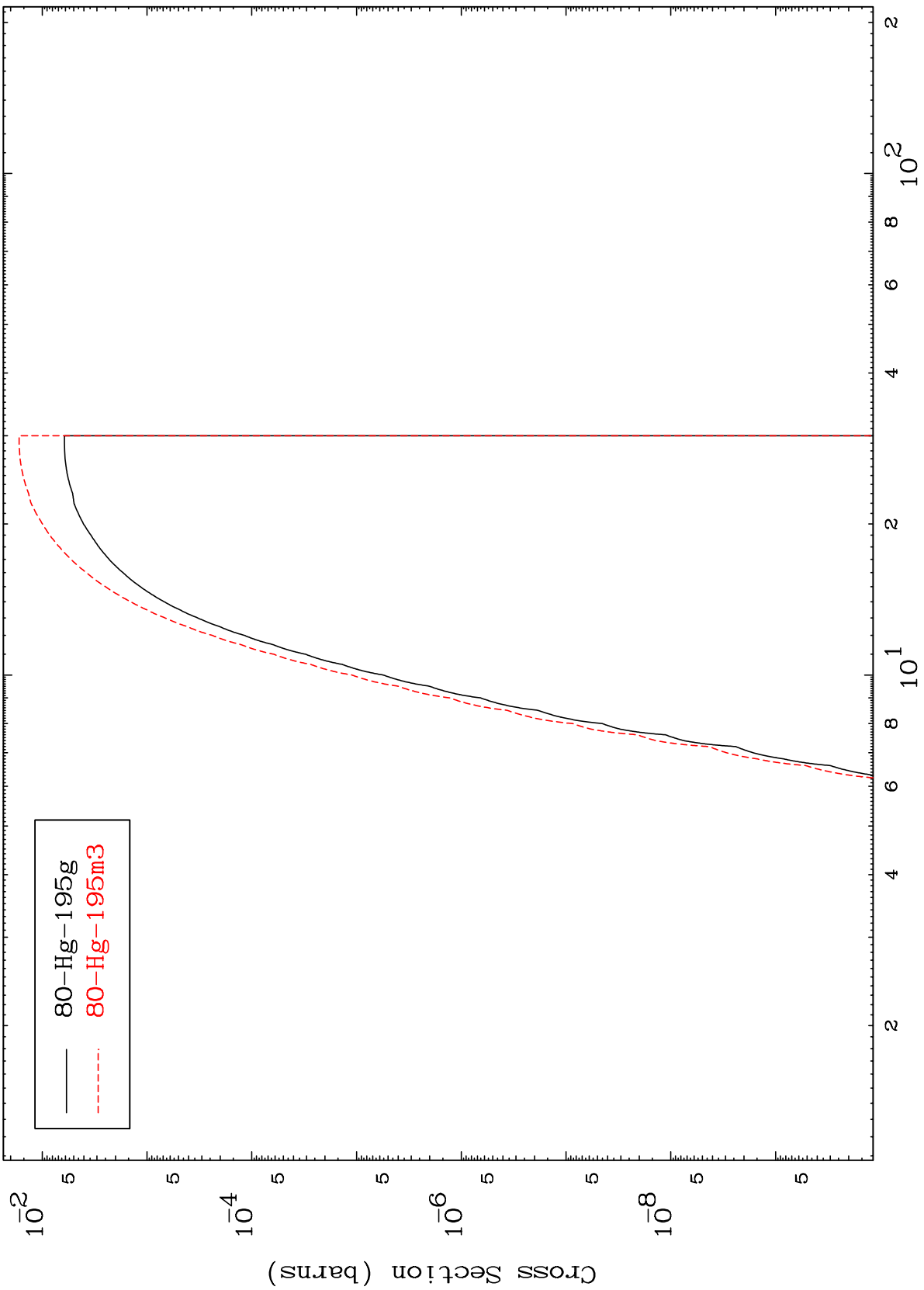
81-Tl-196

MAT 8105

(n,d)

81-Tl-196

Radionuclide Production Cross Section



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

Incident Energy (MeV)

81-Tl-196

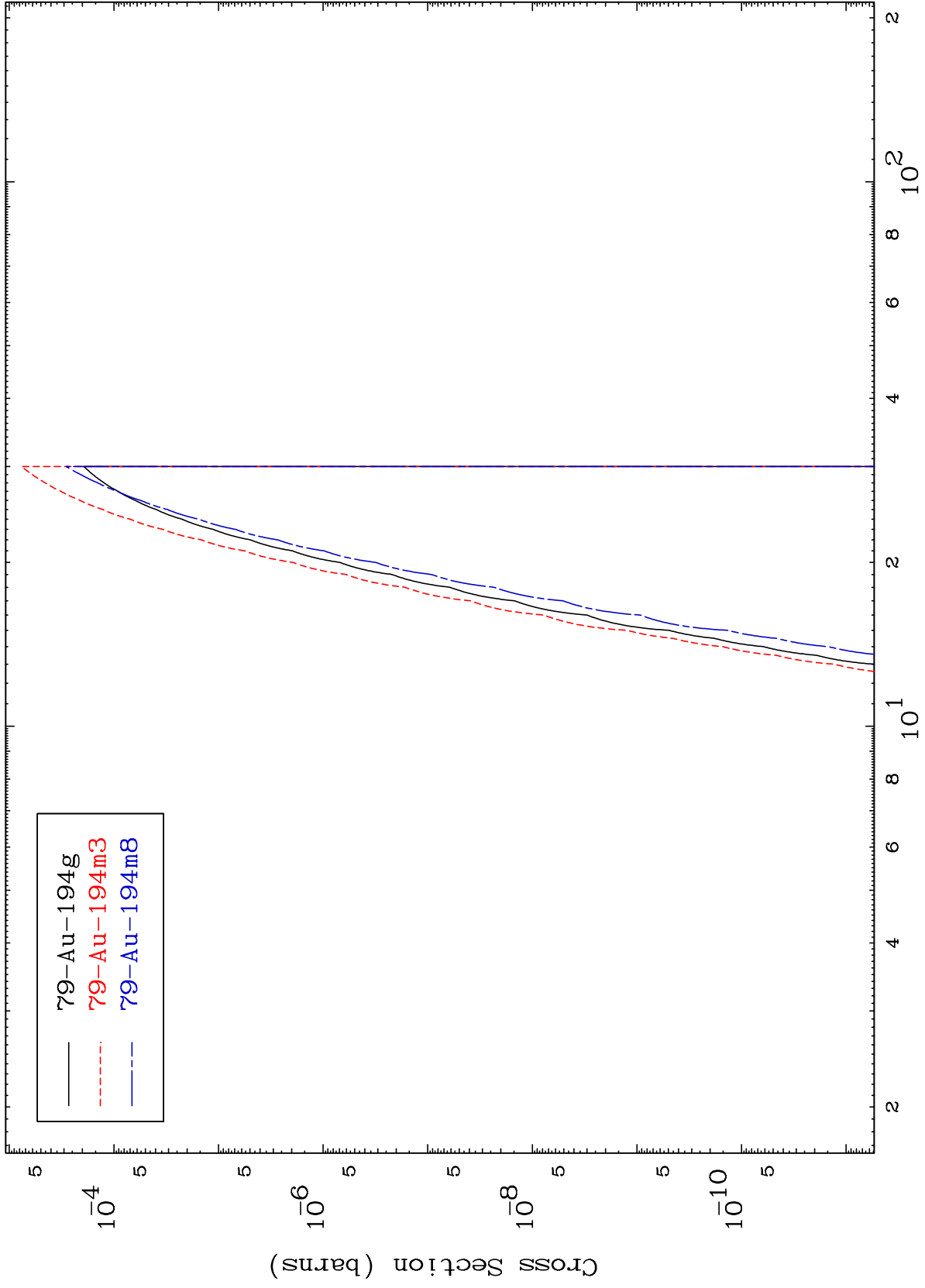
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(n,He-3)

81-Tl-196

Radionuclide Production Cross Section



32

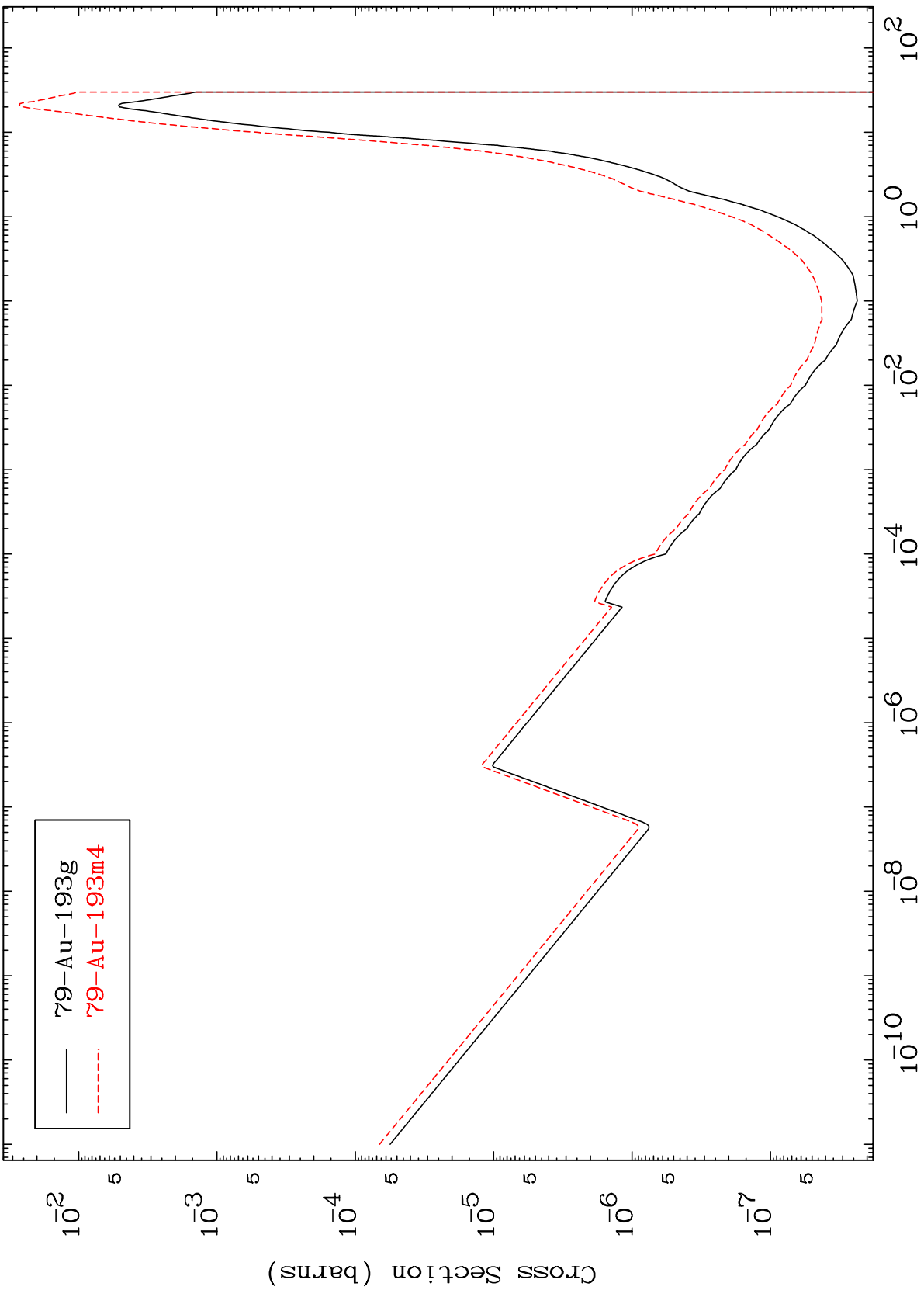
Incident Energy (MeV)

81-Tl-196

MAT 8105

81-Tl-196

Radionuclide Production Cross Section



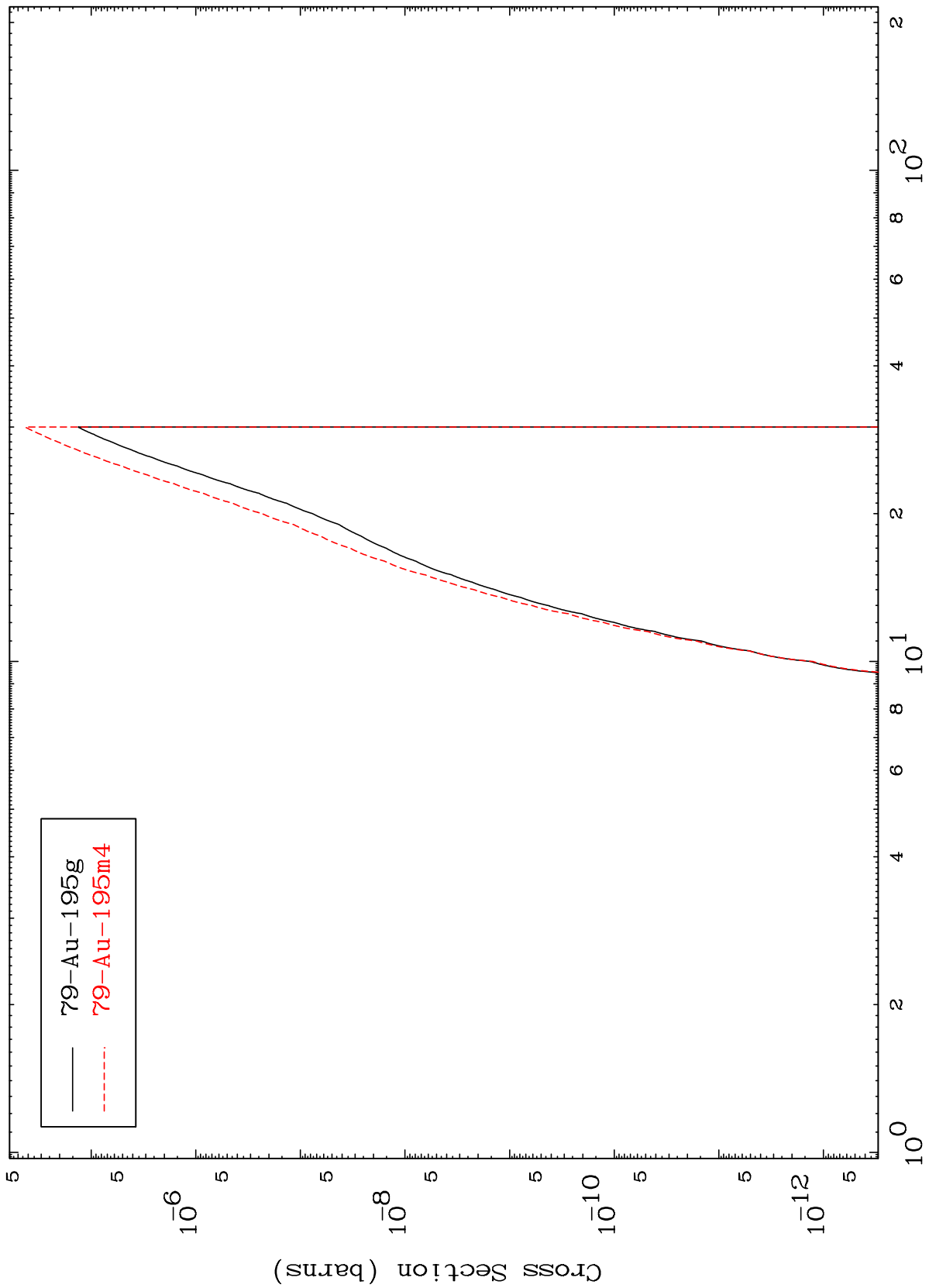
Incident Energy (MeV)

81-Tl-196

MAT 8105

81-Tl-196

(n,2p)
Radionuclide Production Cross Section

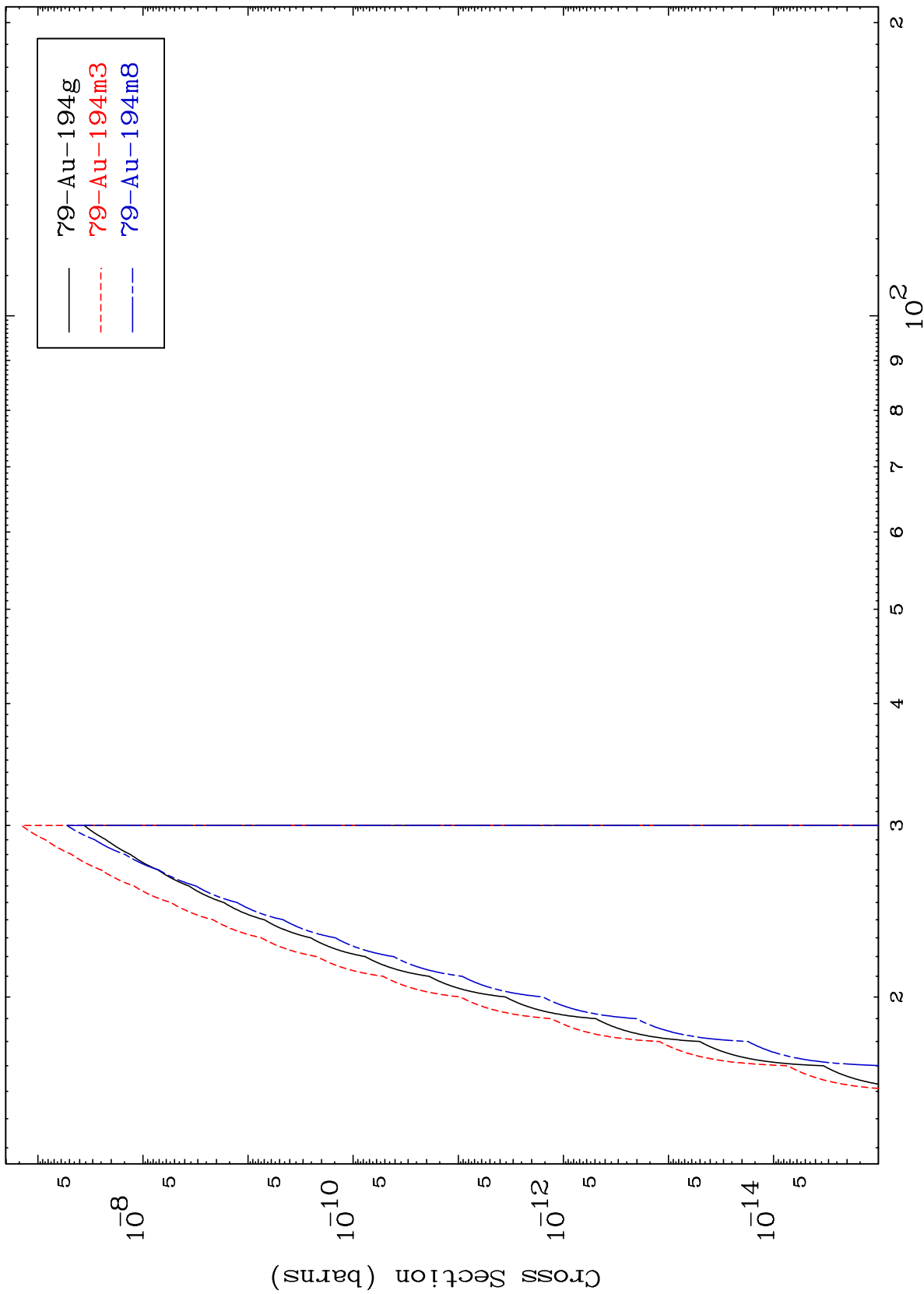


81-Tl-196

Incident Energy (MeV)

34

Radionuclide Production Cross Section



Radionuclide Production Cross Section

