

Program EVALPLOT
(Version 2018-1)

by

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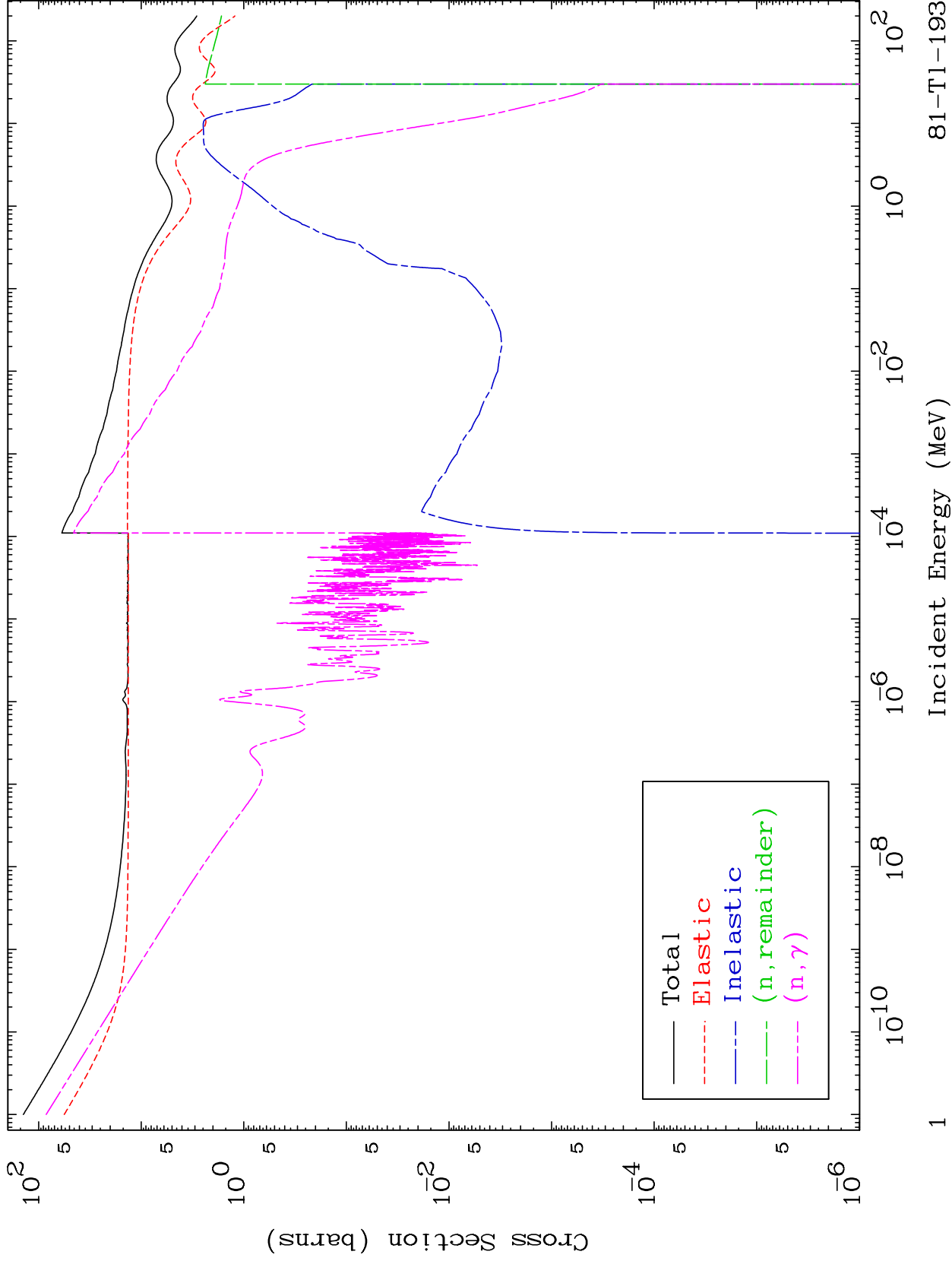
Press Mouse Button to Start

MAT 8096

Major

293 Kelvin Cross Sections

81-Tl-193



1

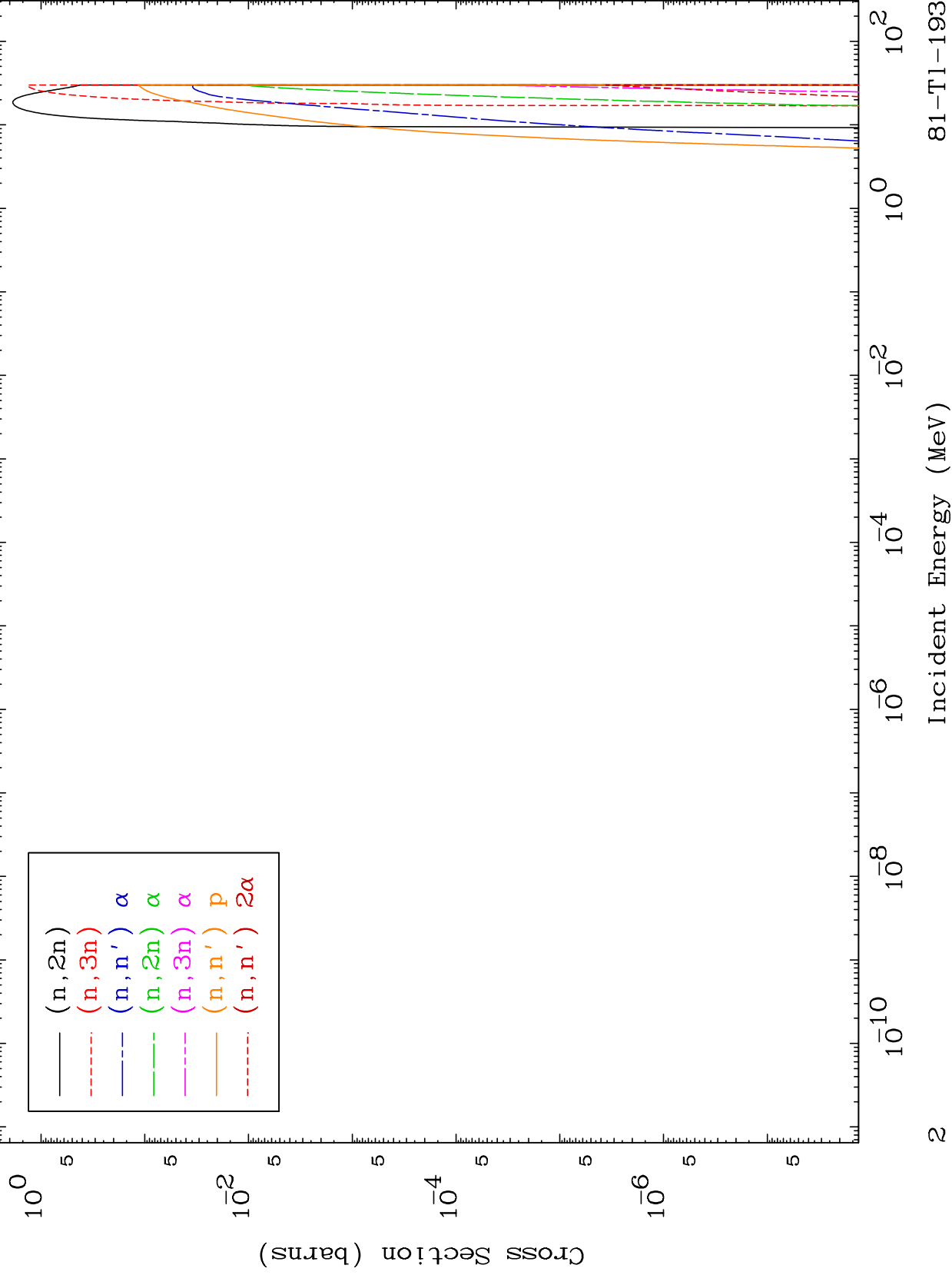
Incident Energy (MeV)

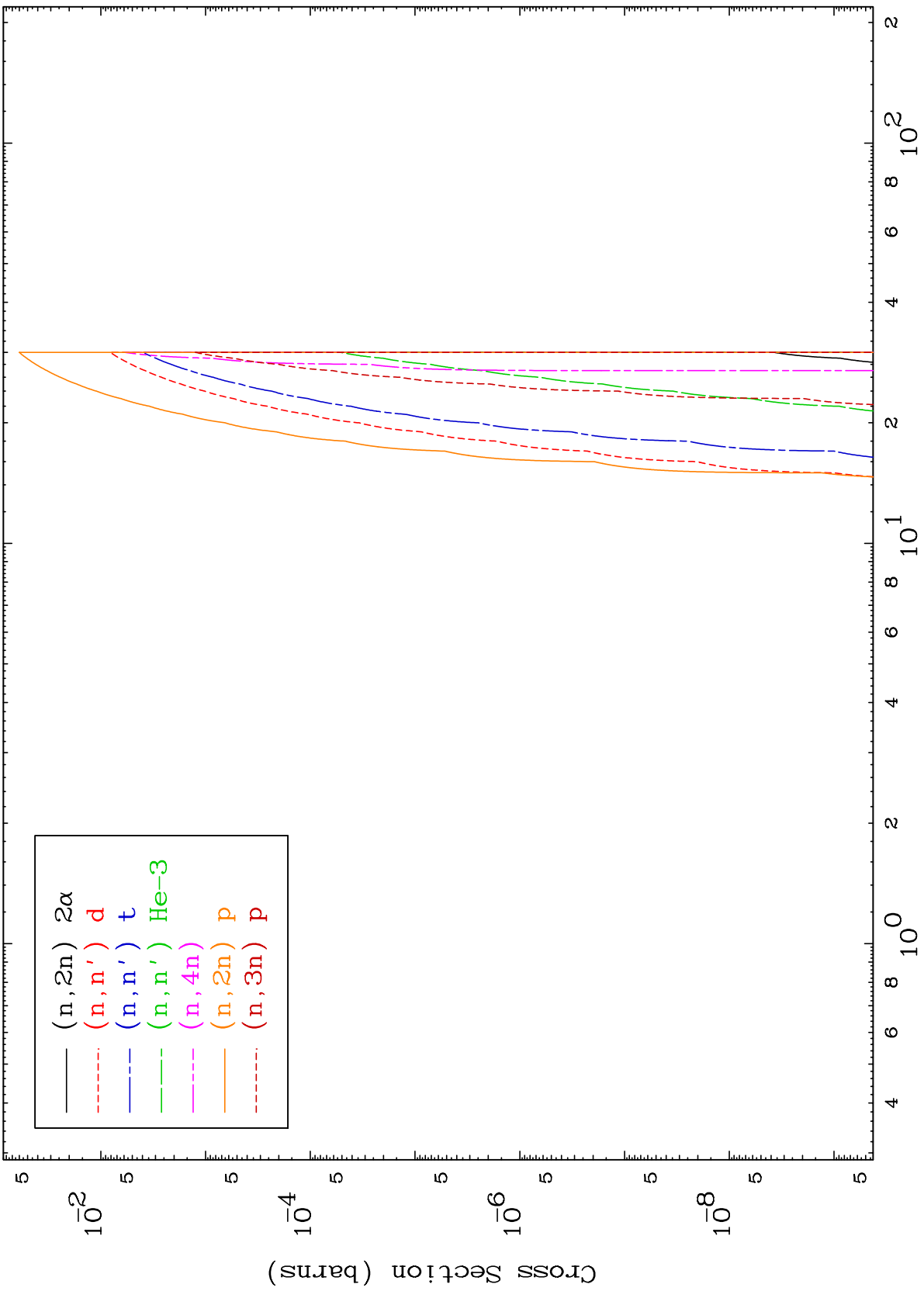
81-Tl-193

MAT 8096

Neutron Production
293 Kelvin Cross Sections

81-Tl-193

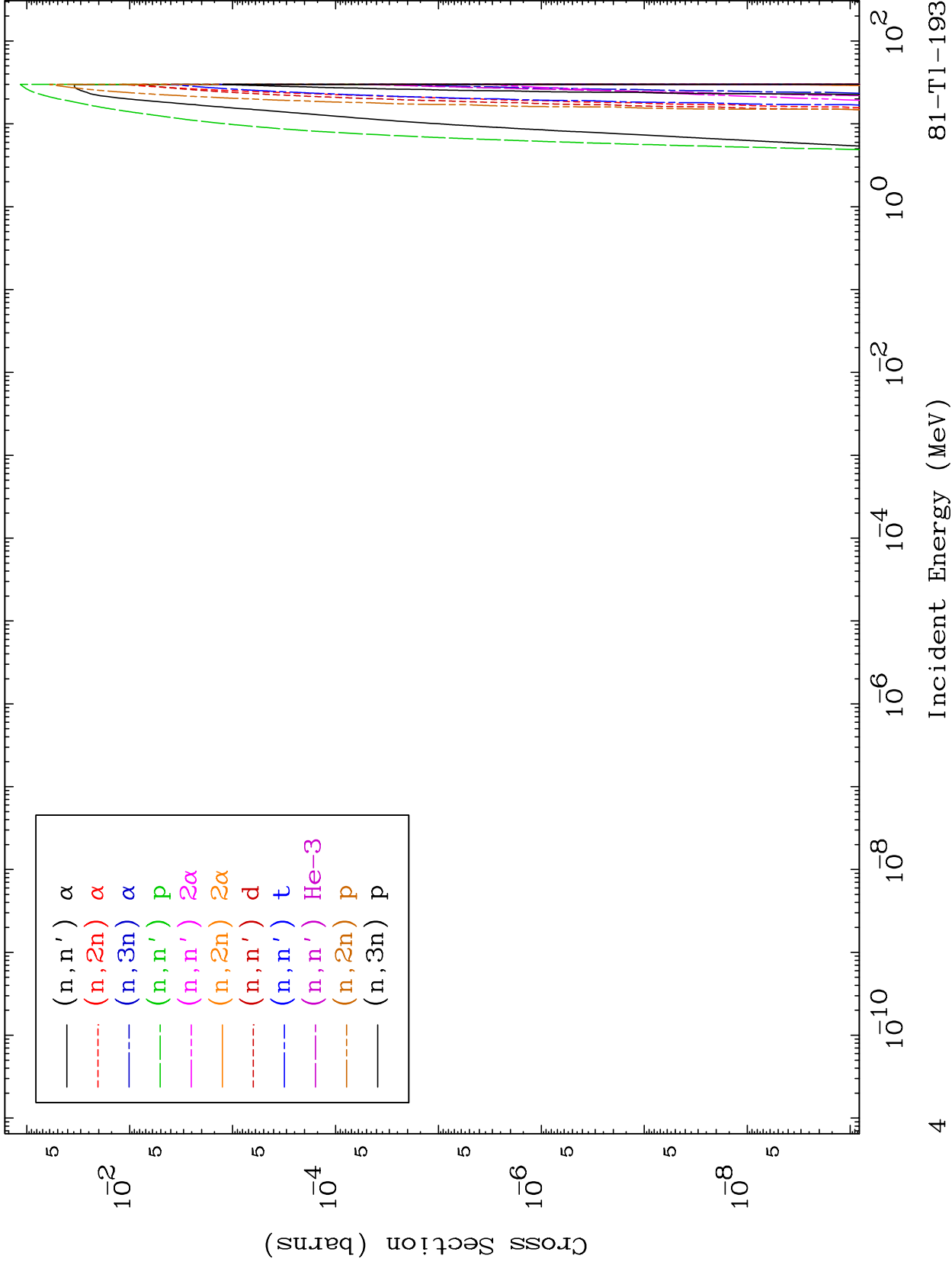




MAT 8096

Charged Particle
293 Kelvin Cross Sections

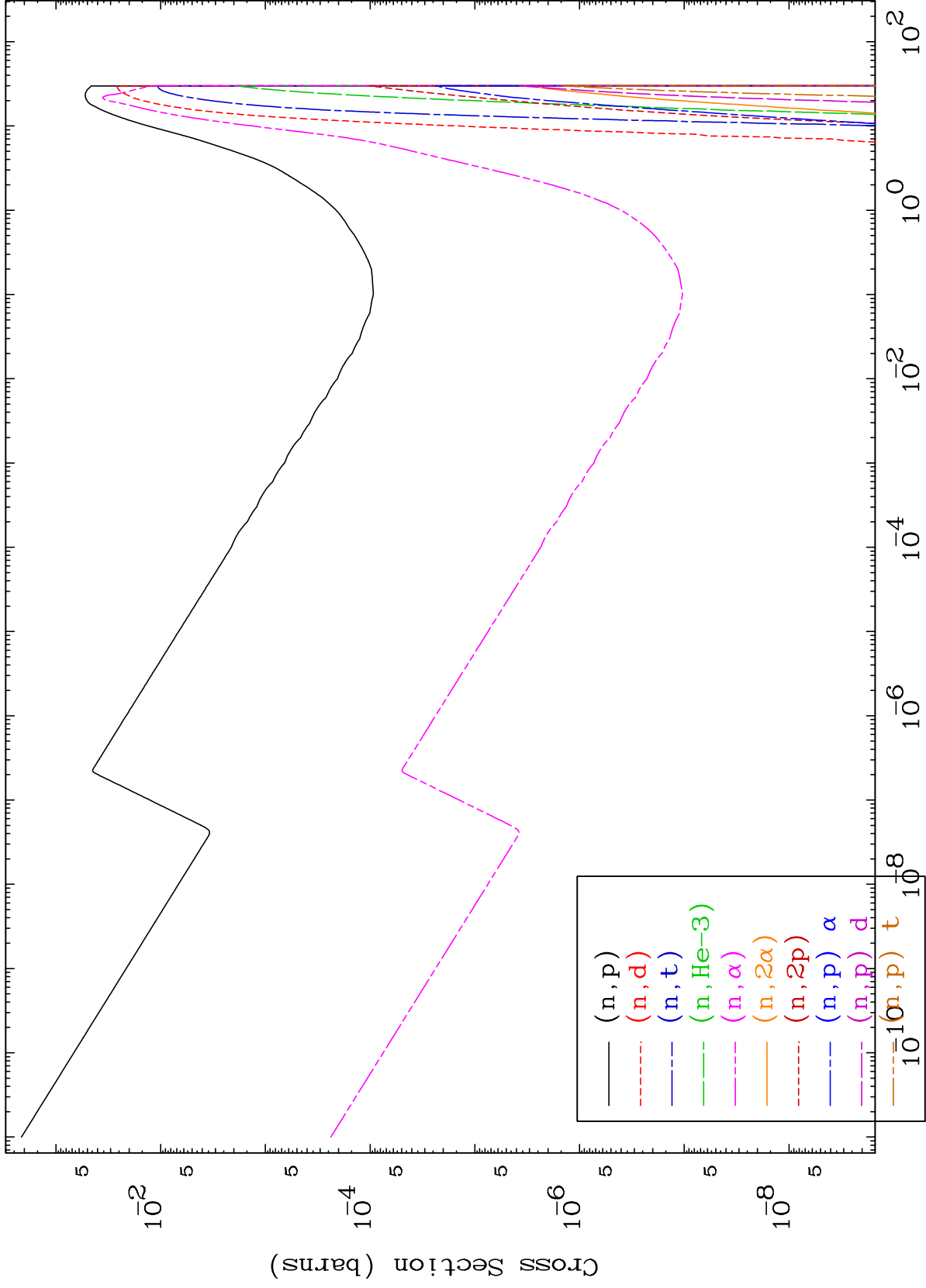
81-Tl-193



MAT 8096

Charged Particle
293 Kelvin Cross Sections

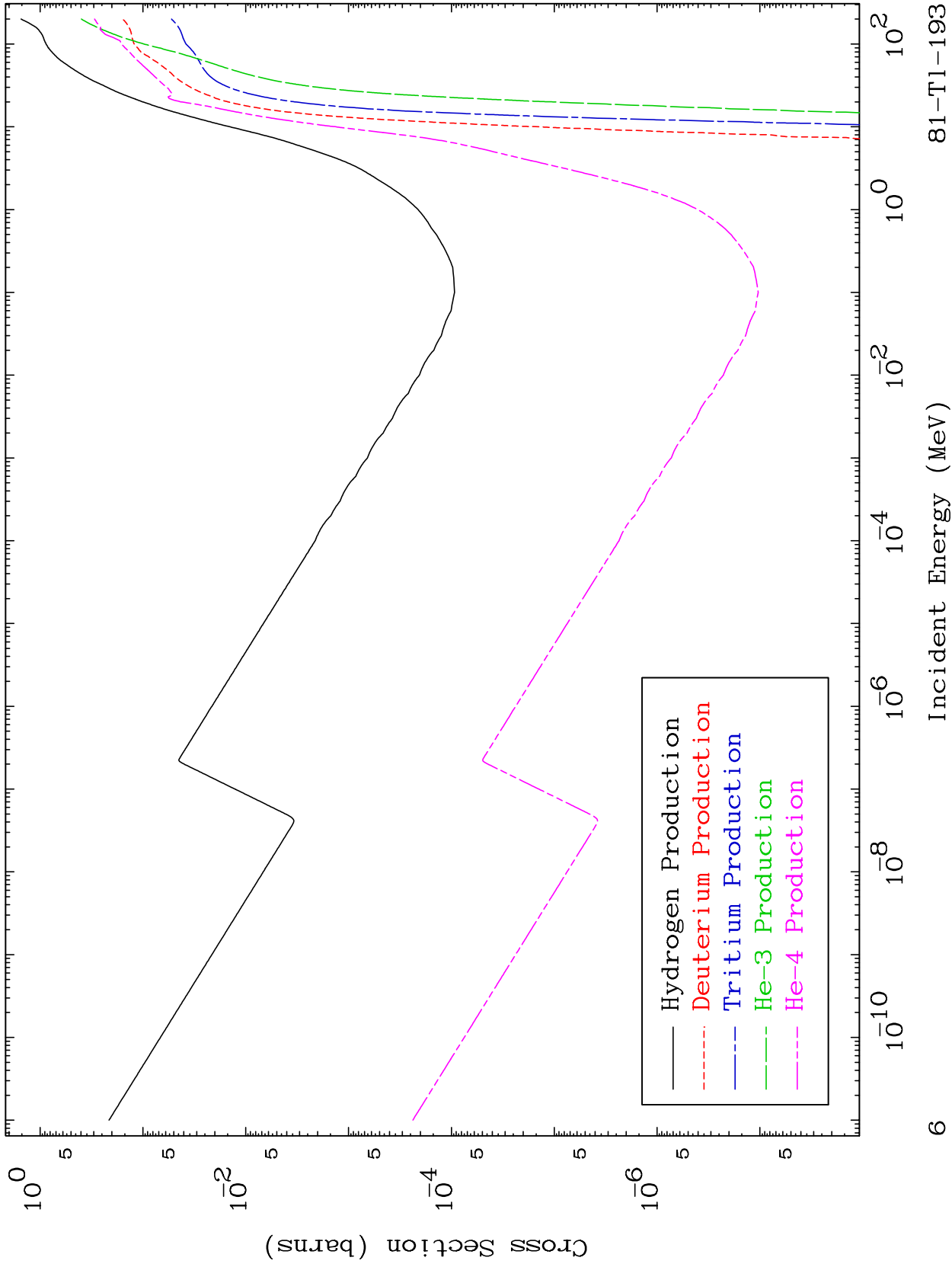
81-Tl-193



5

Incident Energy (MeV)

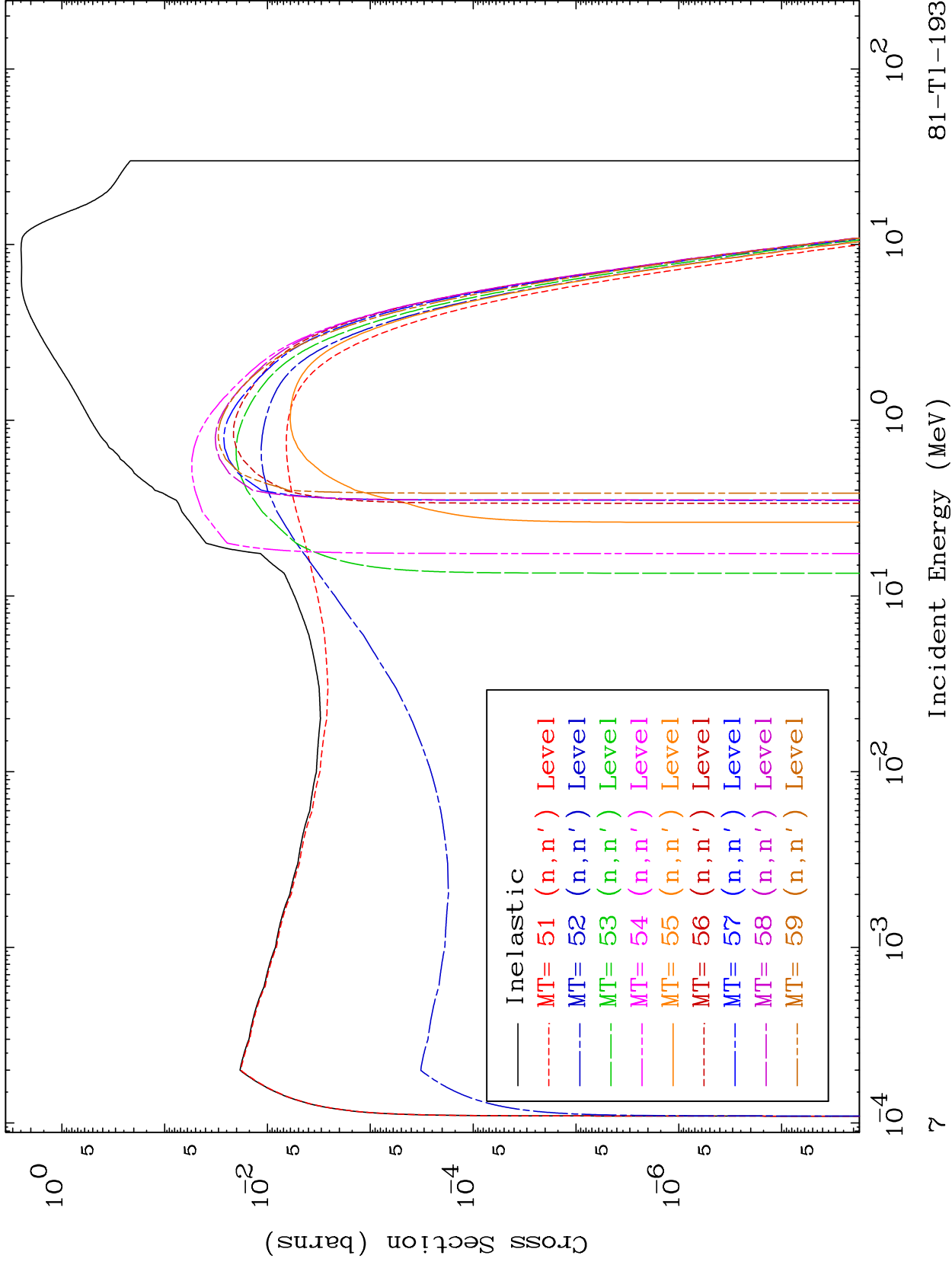
81-Tl-193



MAT 8096

(n,n') Level
293 Kelvin Cross Sections

81-T1-193



81-T1-193

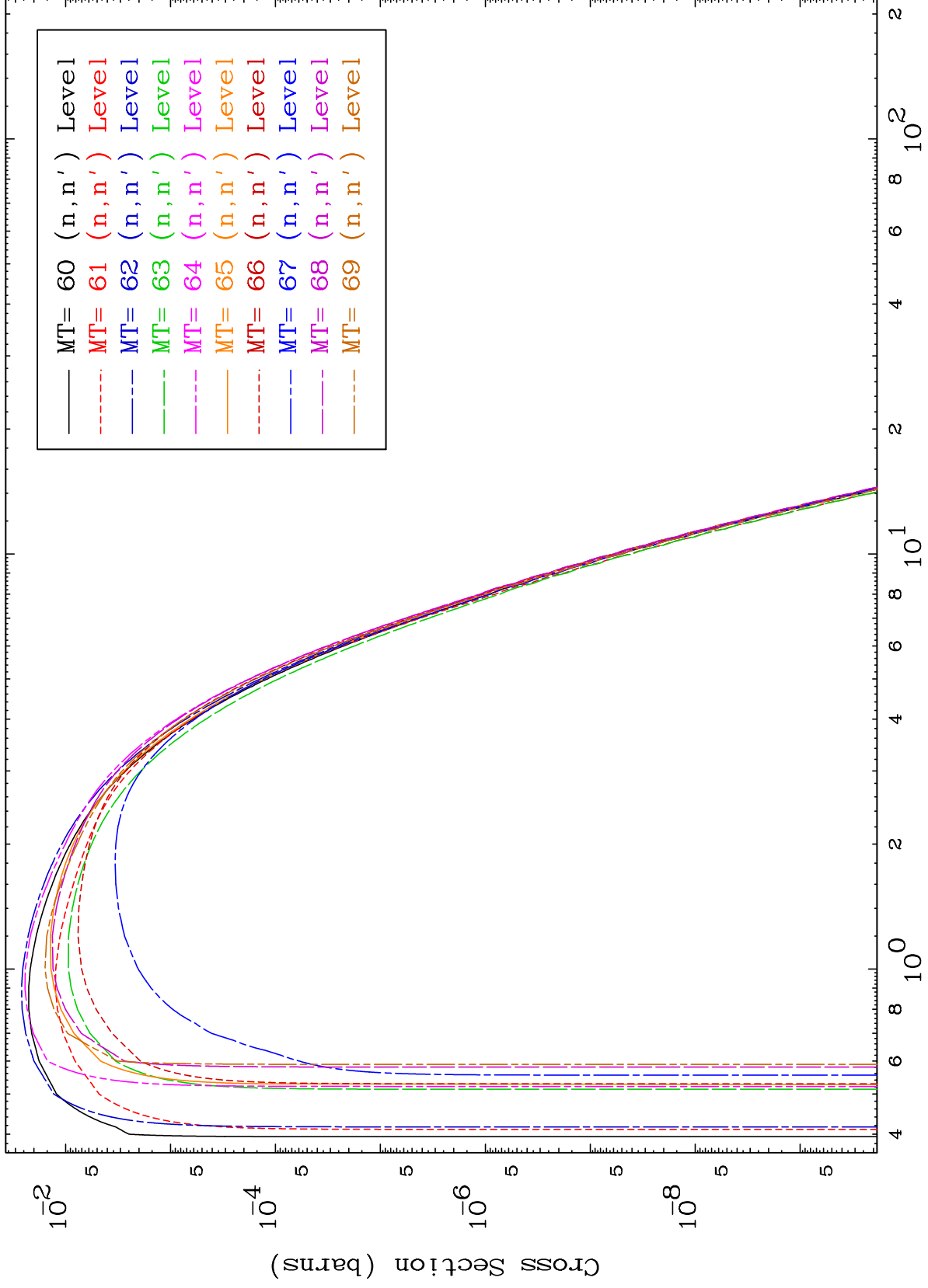
Incident Energy (MeV)

MAT 8096

(n,n') Level

81-Tl-193

293 Kelvin Cross Sections



Incident Energy (MeV)

81-Tl-193

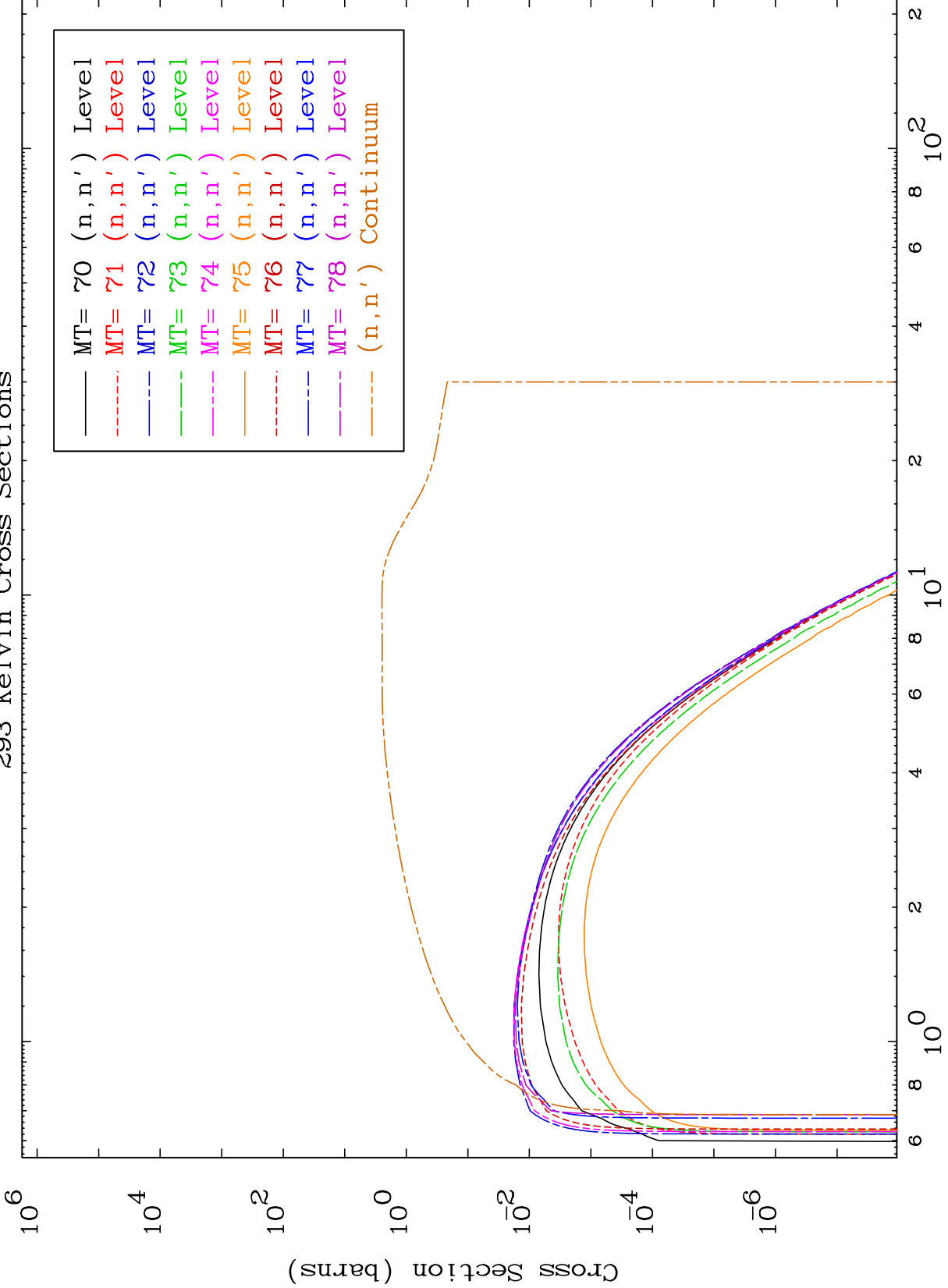
8

MAT 8096

(n,n') Level

81-Tl-193

293 Kelvin Cross Sections



9

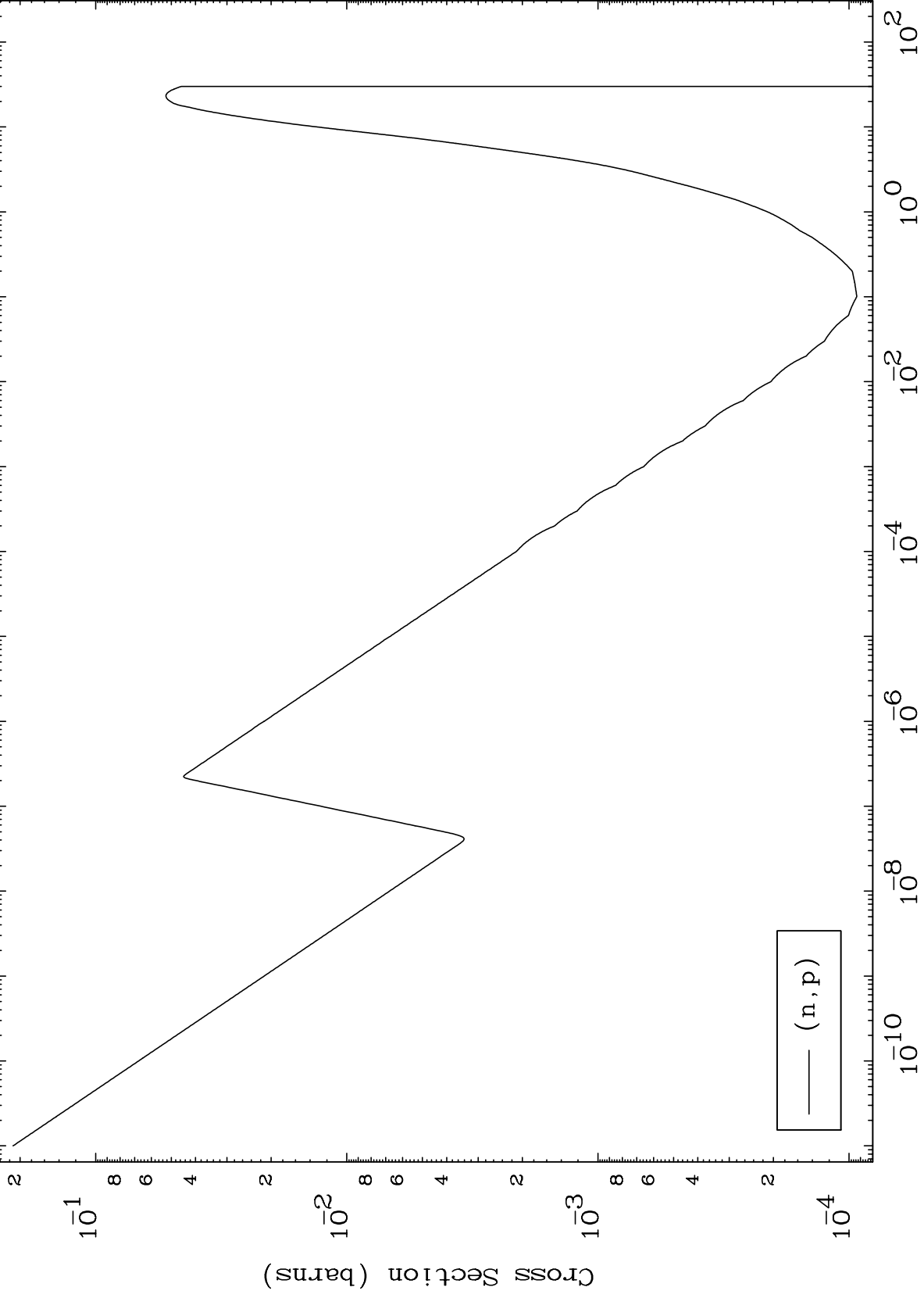
Incident Energy (MeV)

81-Tl-193

MAT 8096

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-193



10

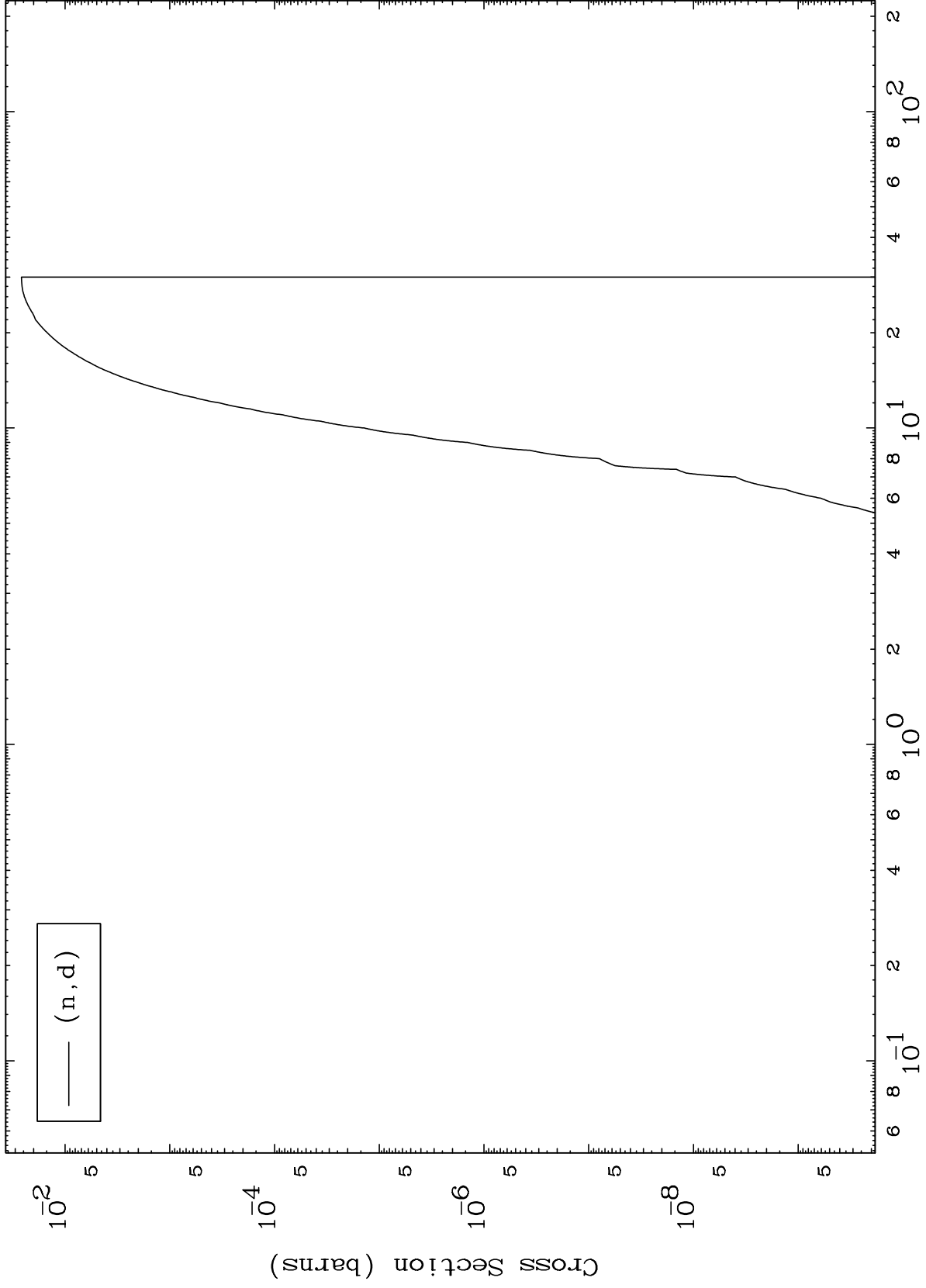
Incident Energy (MeV)

81-Tl-193

MAT 8096

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-193



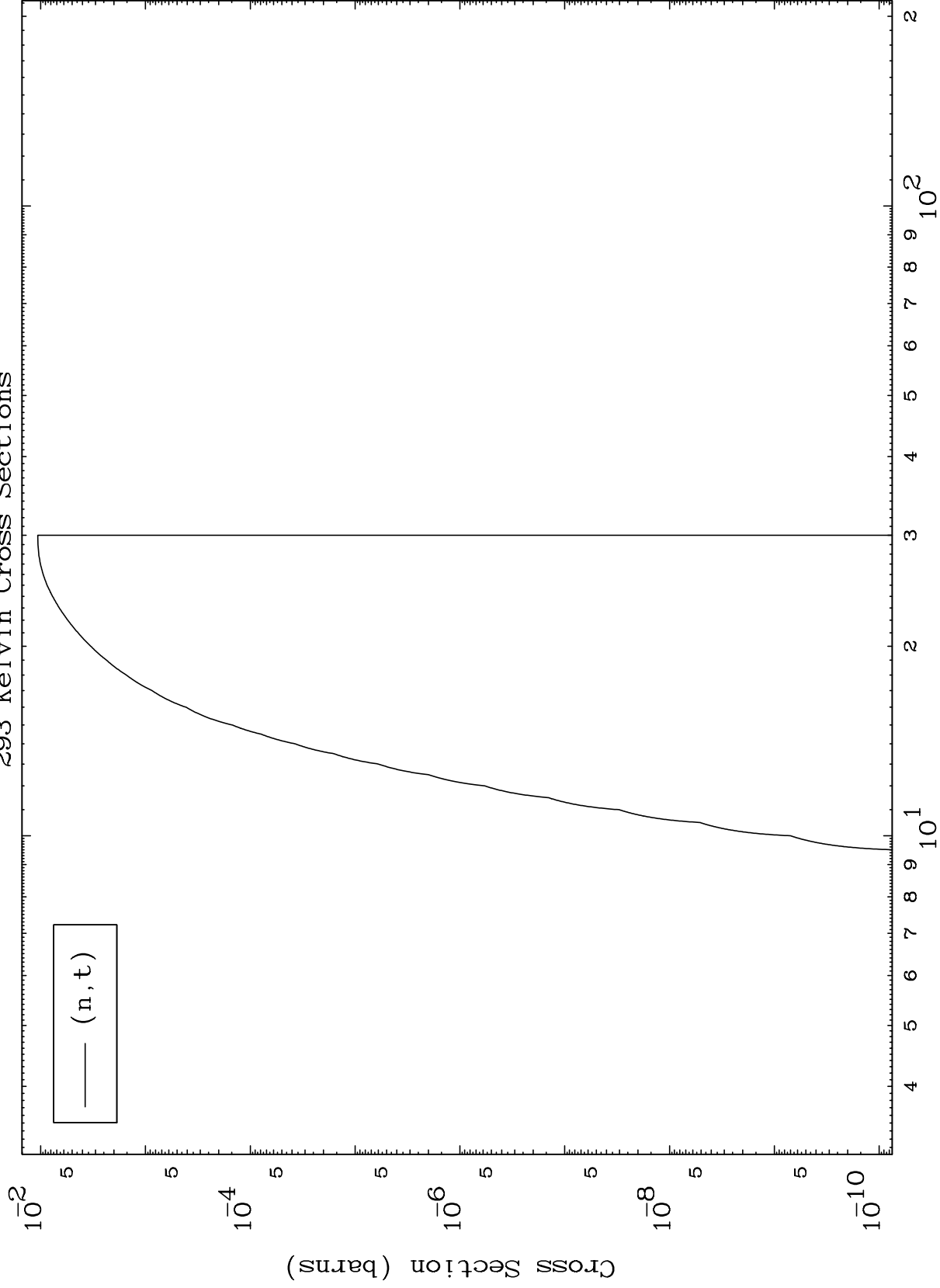
81-Tl-193

Incident Energy (MeV)

MAT 8096

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-193



12

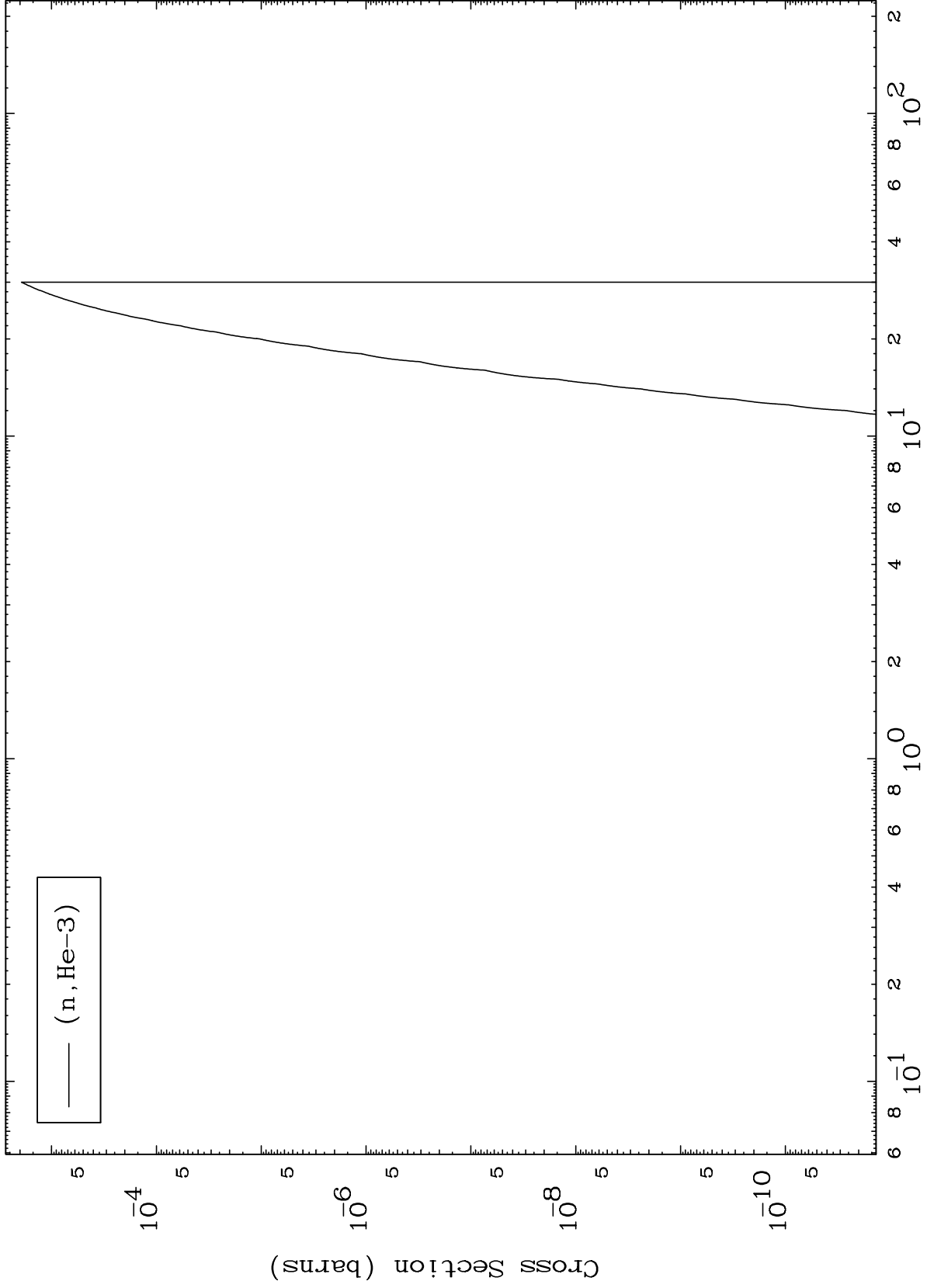
Incident Energy (MeV)

81-Tl-193

MAT 8096

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-193



13

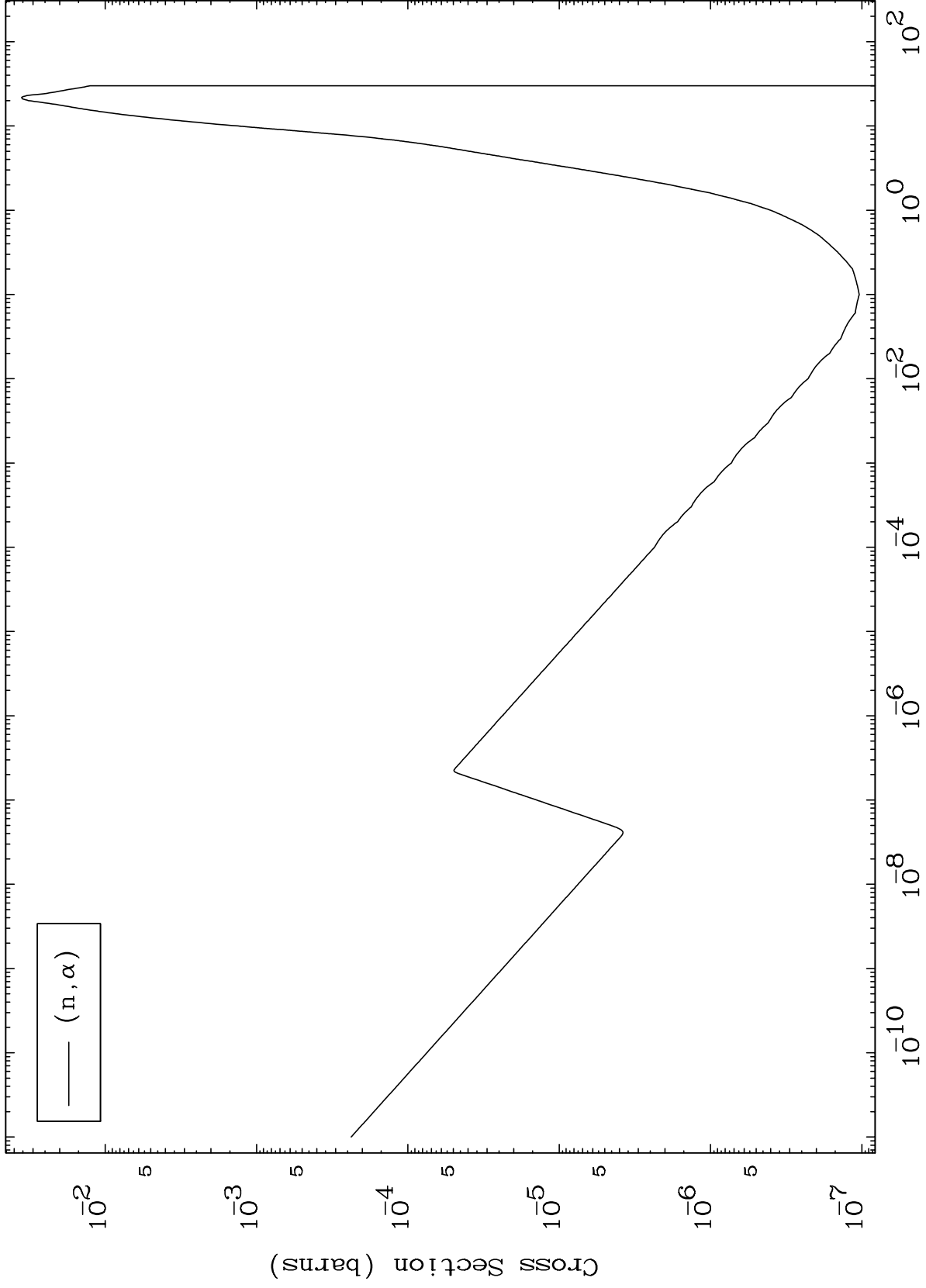
Incident Energy (MeV)

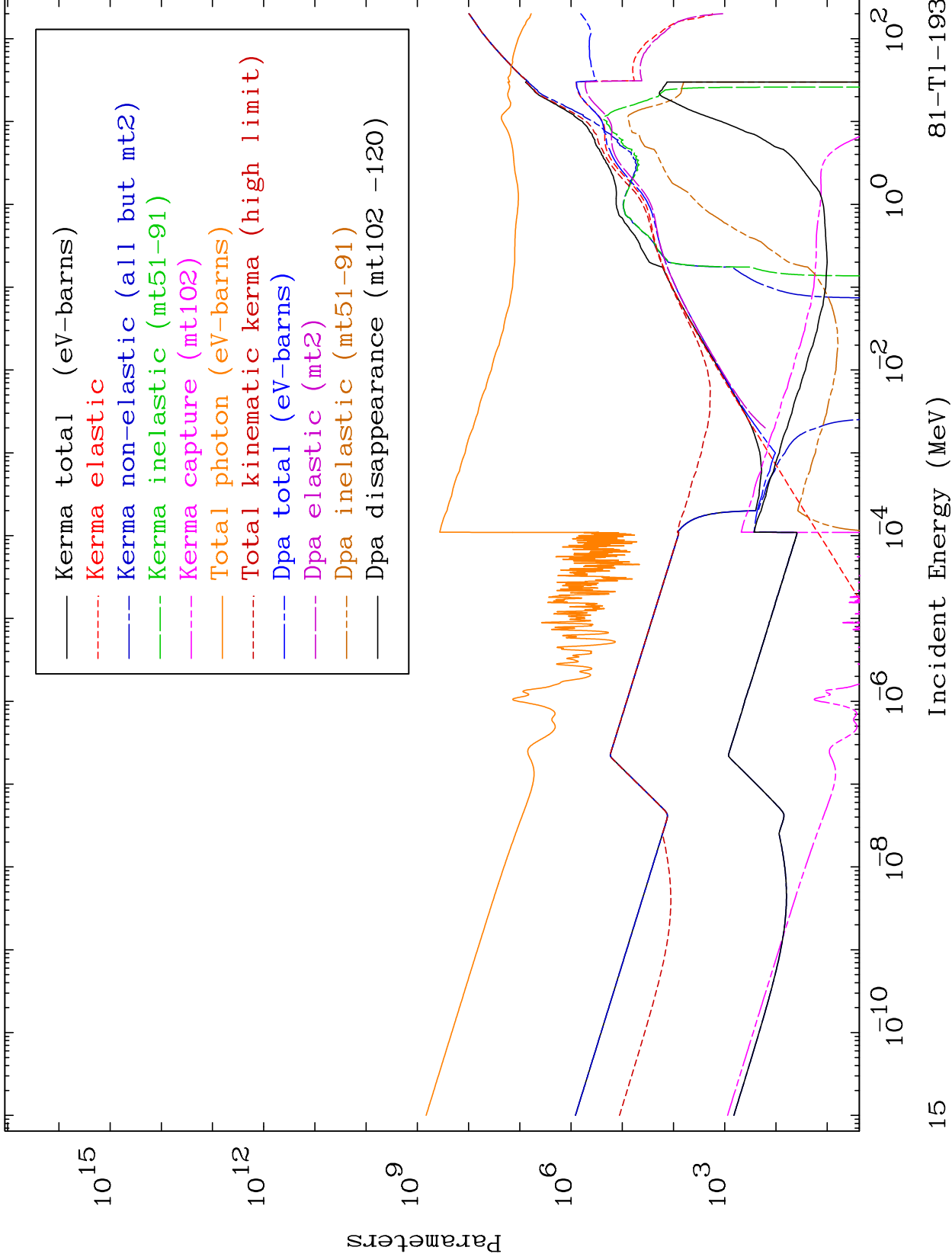
81-T1-193

MAT 8096

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-193

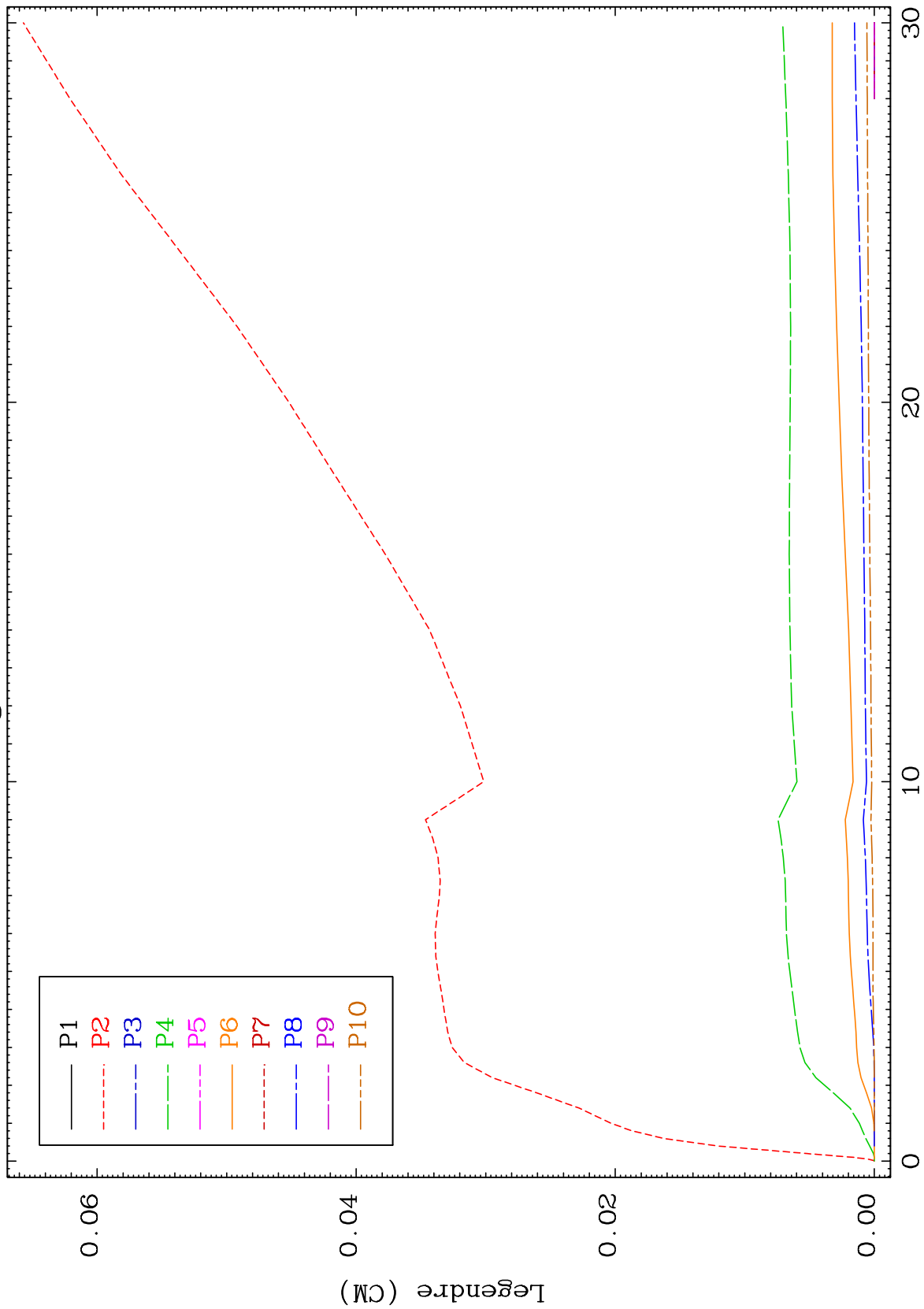




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Elastic
Legendre Coefficients

81-T1-193



16

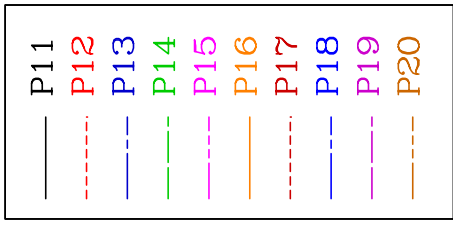
Incident Energy (MeV)

81-T1-193

MAT 8096

Elastic Legendre Coefficients

81-Tl-193



17

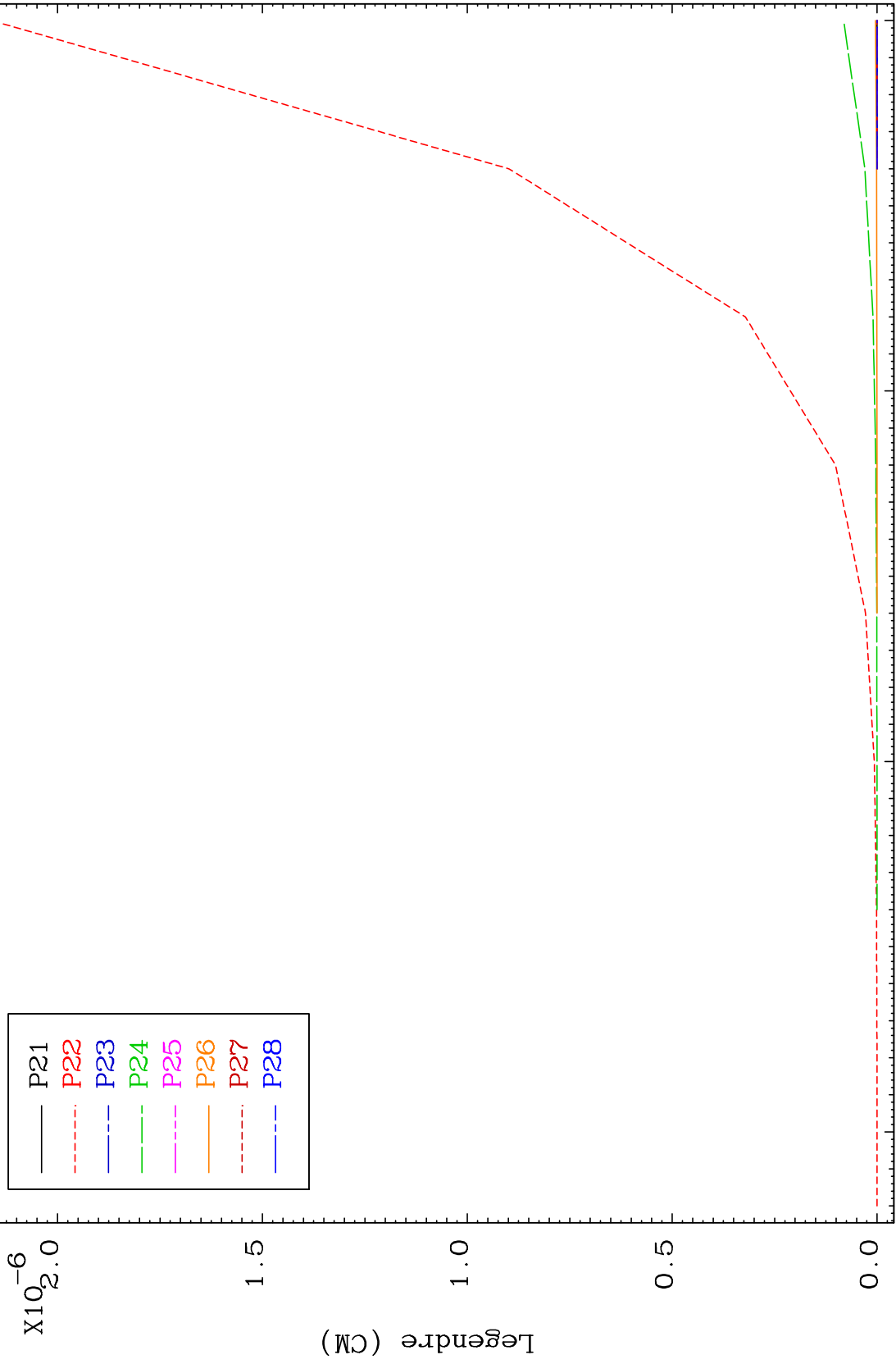
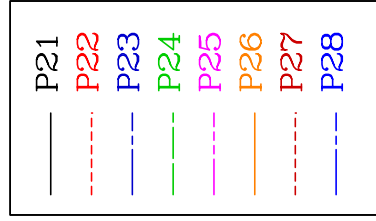
Incident Energy (MeV)

81-Tl-193

MAT 8096

Elastic Legendre Coefficients

81-T1-193



18

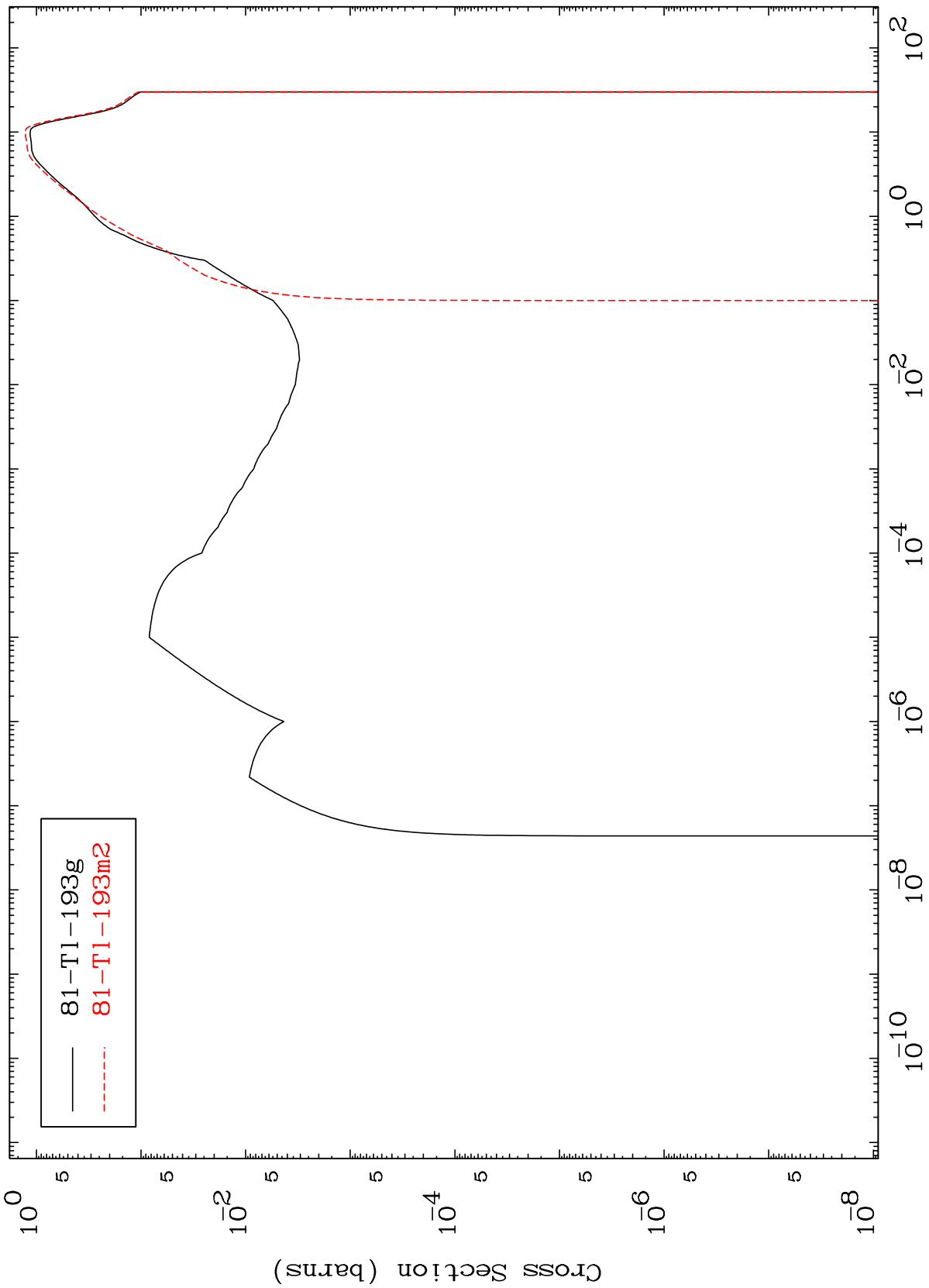
Incident Energy (MeV)

81-T1-193

MAT 8096

81-Tl-193

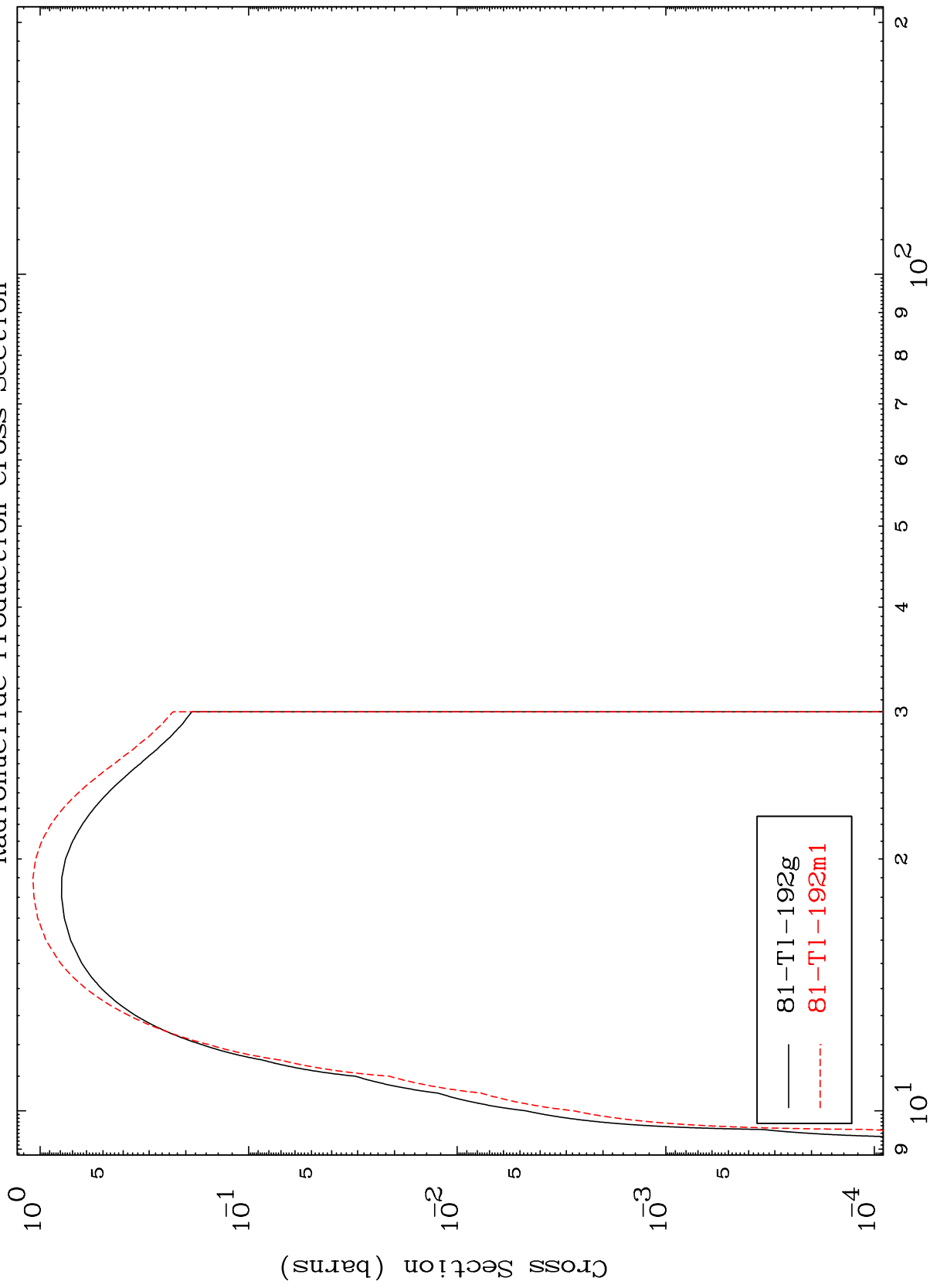
Inelastic
Radionuclide Production Cross Section



MAT 8096

81-Tl-193

Radionuclide Production Cross Section
(n,2n)



81-Tl-193

Incident Energy (MeV)

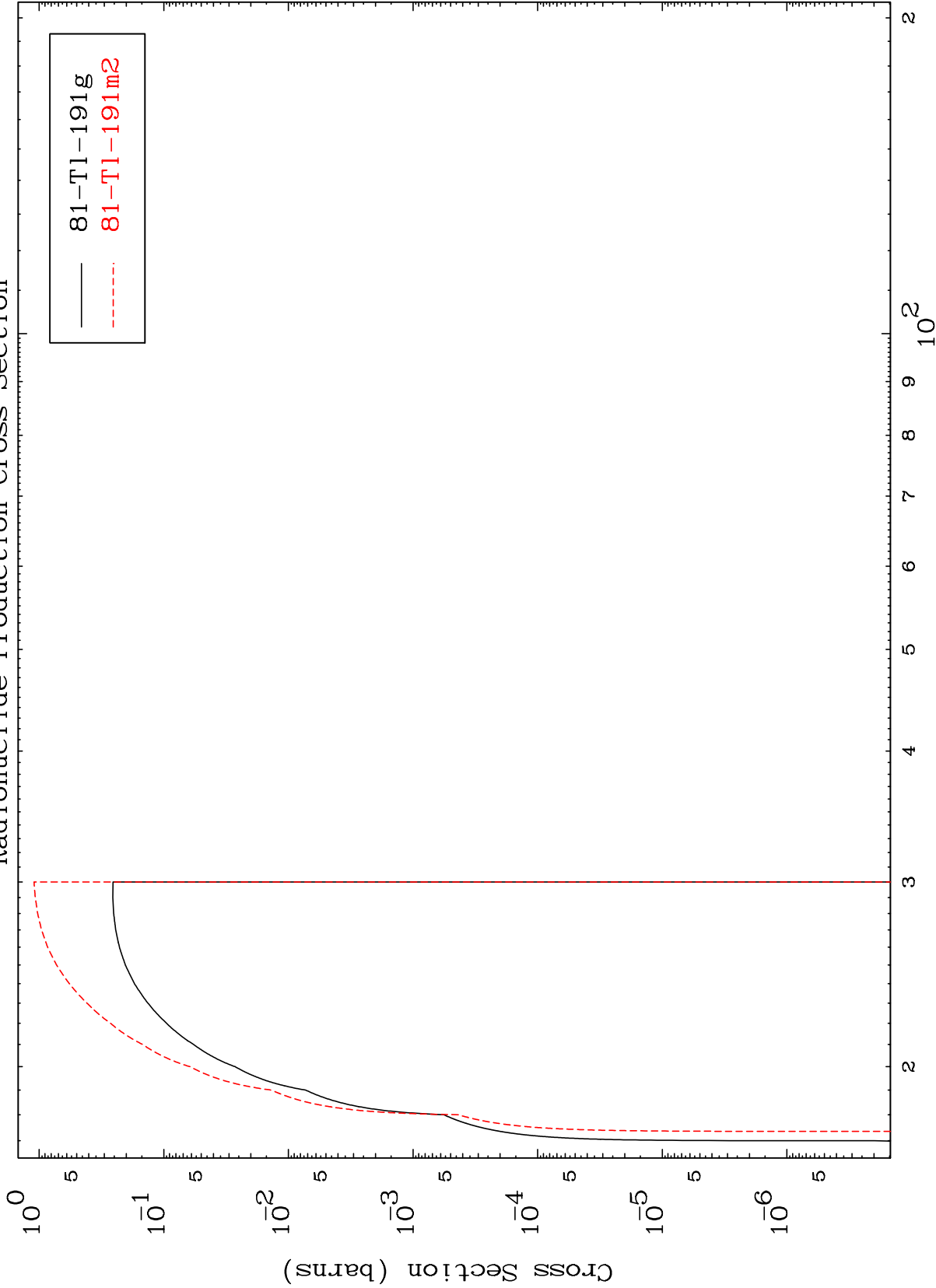
20

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(n,3n)

81-Tl-193

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

21

Incident Energy (MeV)

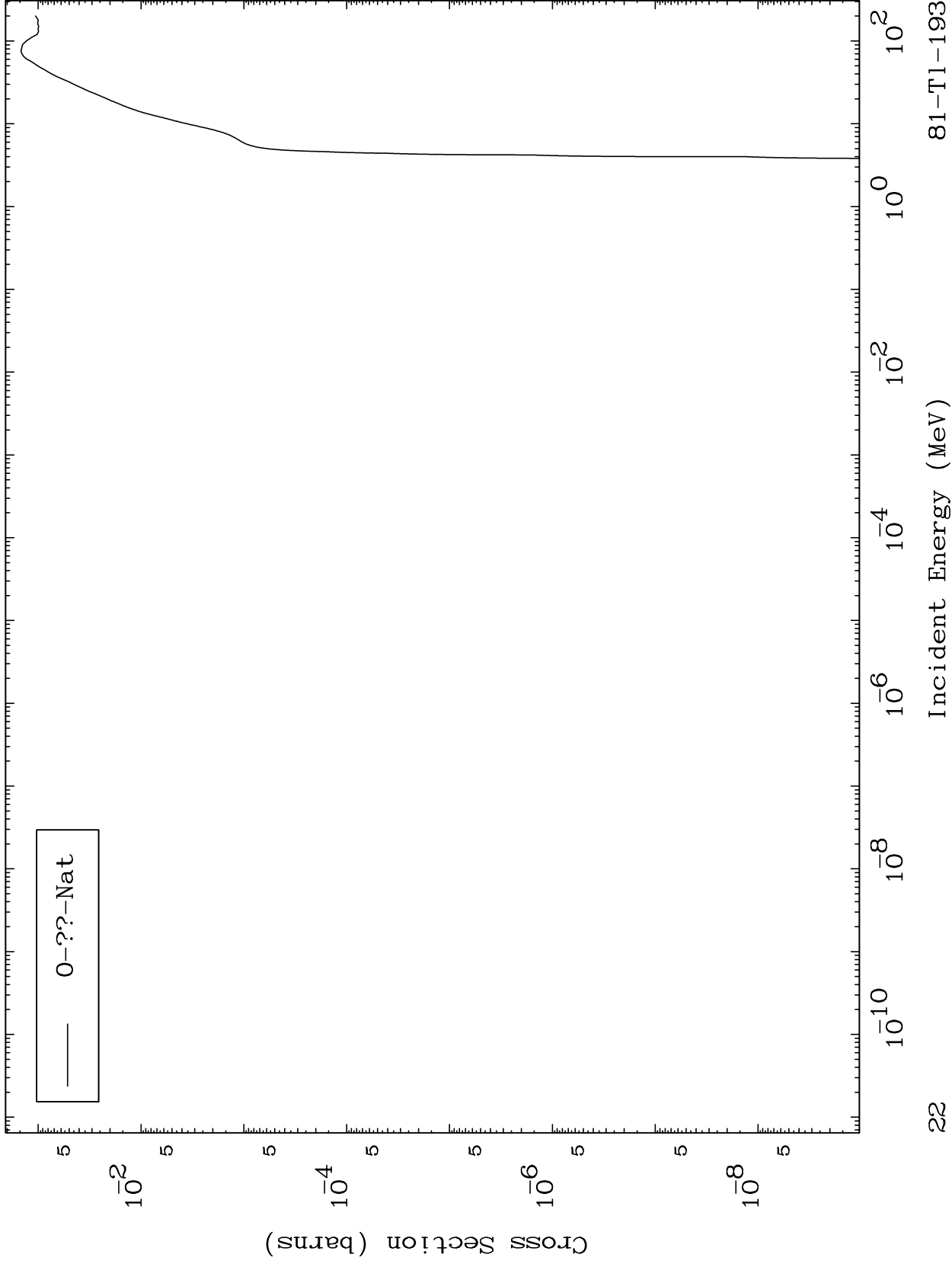
81-Tl-193

MAT 8096

Fission

81-Tl-193

Radionuclide Production Cross Section

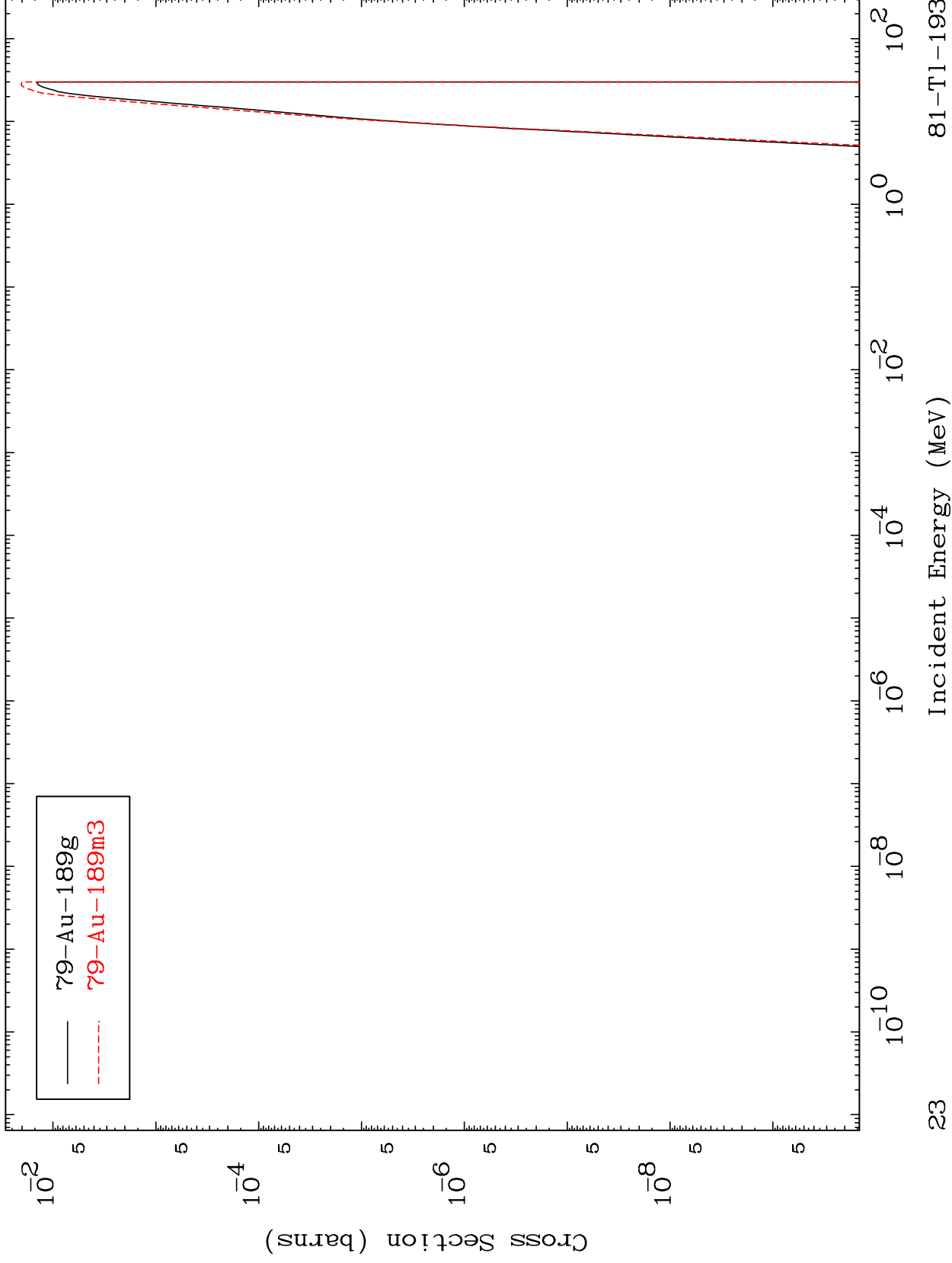


MAT 8096

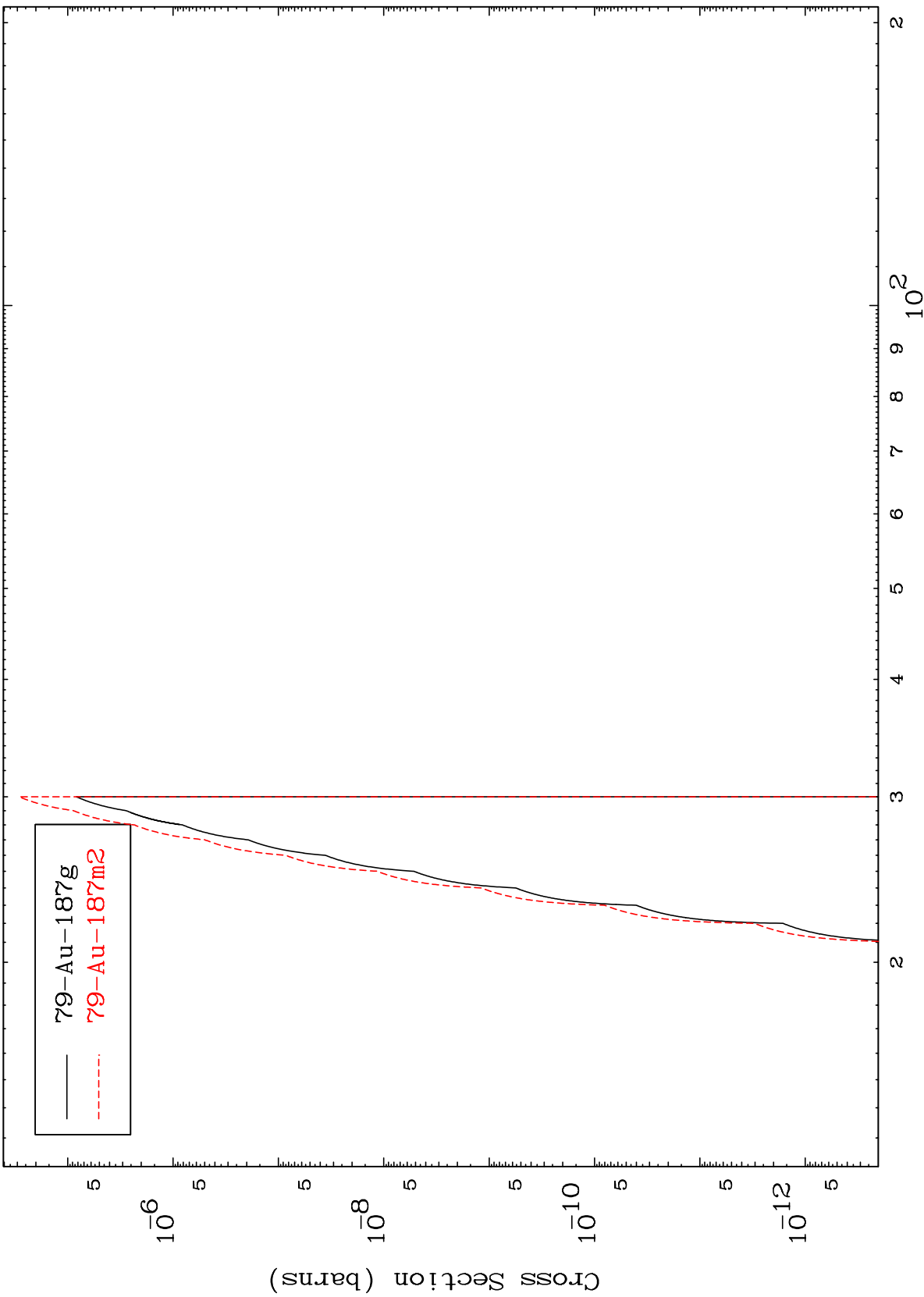
$(n, n') \alpha$

81-Tl-193

Radionuclide Production Cross Section



Radionuclide Production Cross Section

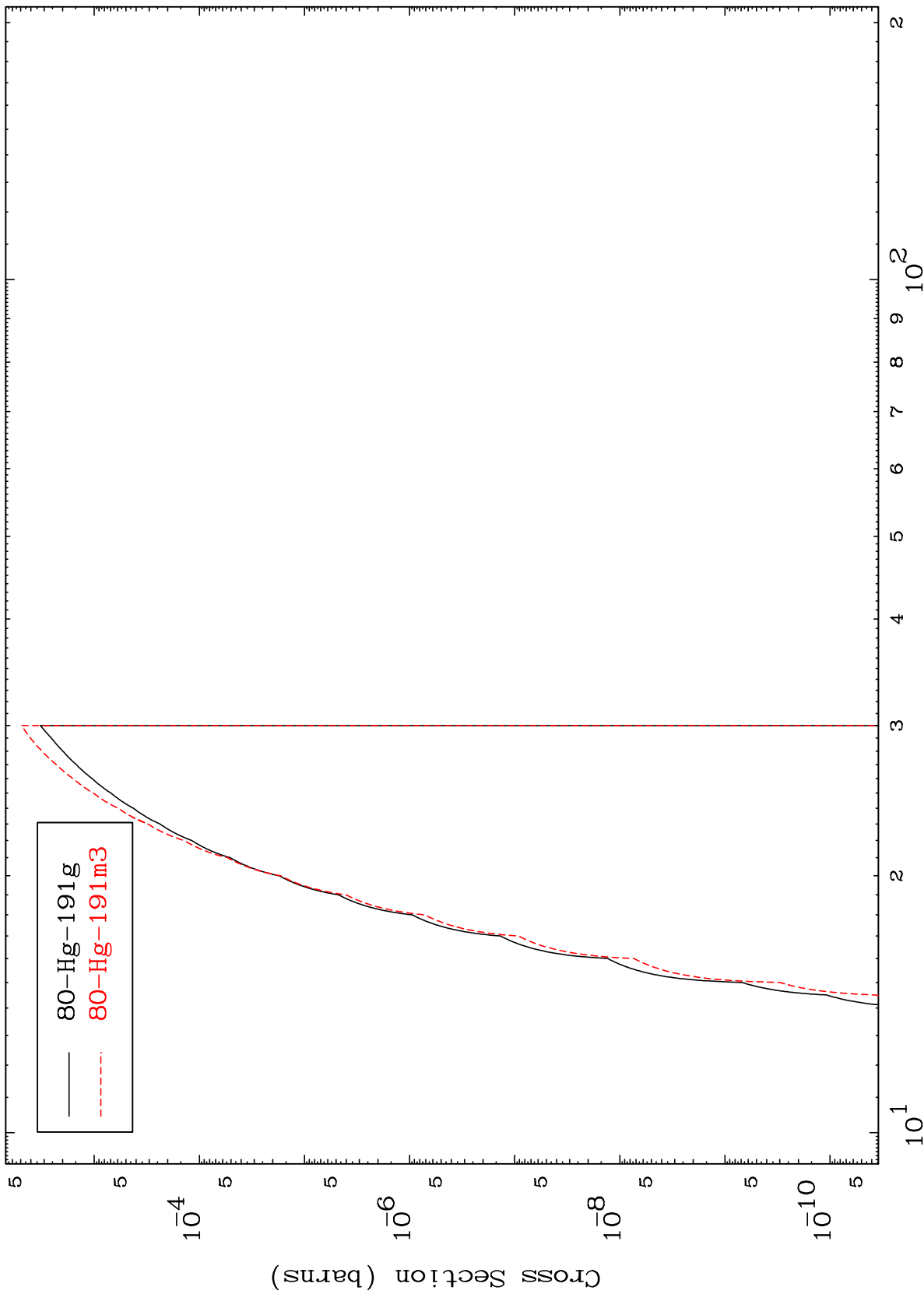


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(n,n') d

81-T1-193

Radionuclide Production Cross Section



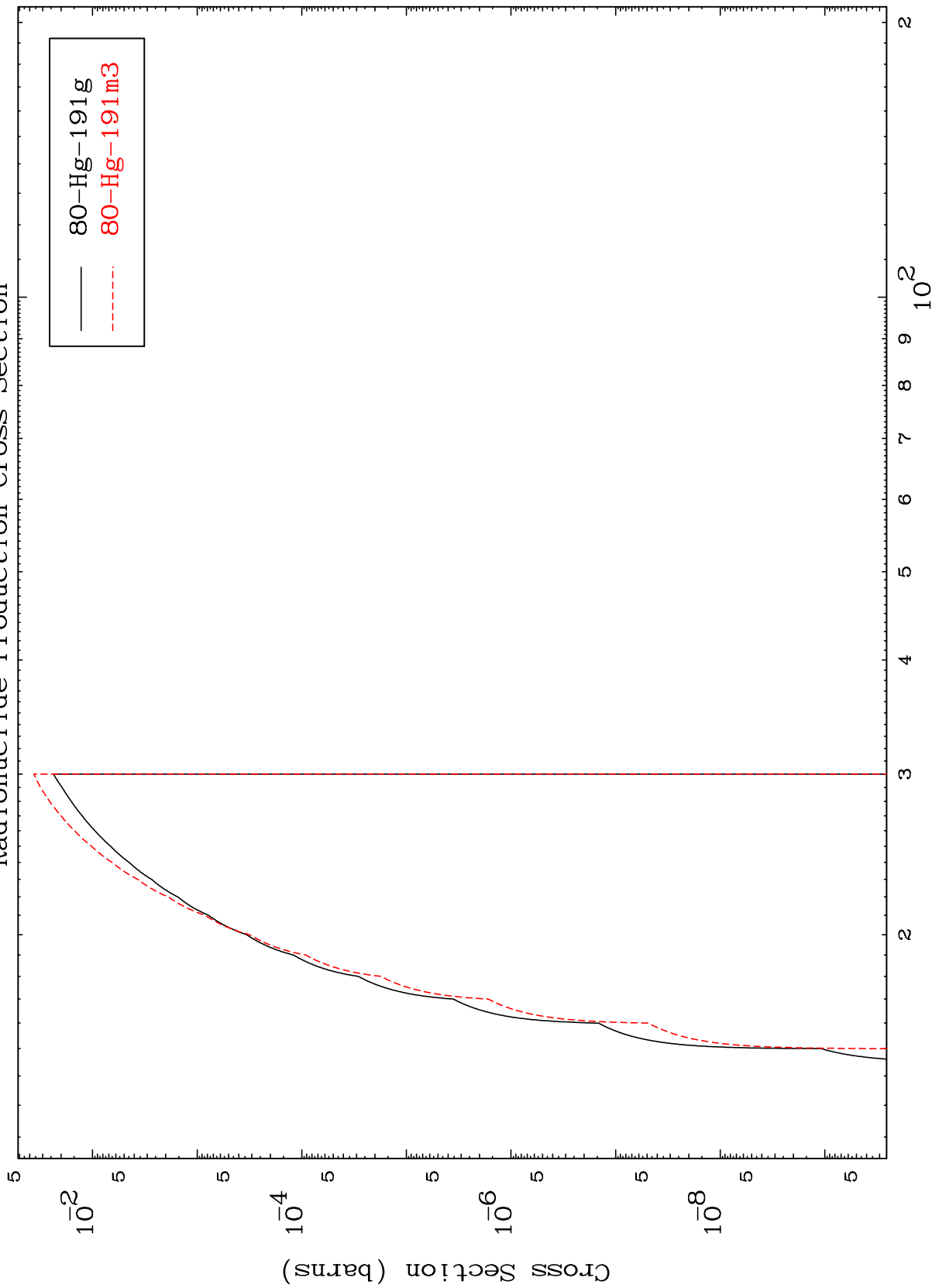
80-Hg-191g
80-Hg-191m3

Incident Energy (MeV)

81-T1-193

25

Radionuclide Production Cross Section

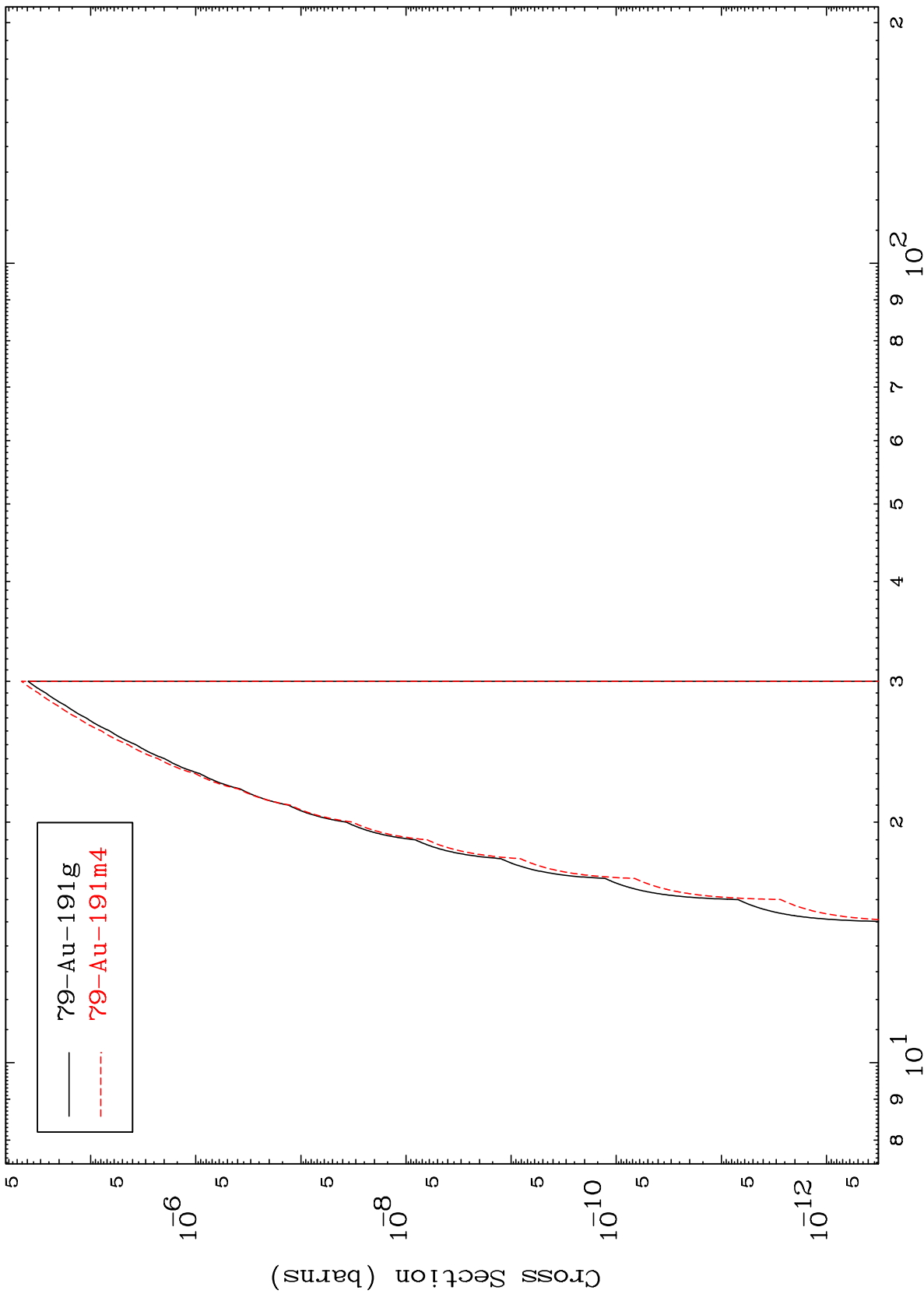


MAT 8096

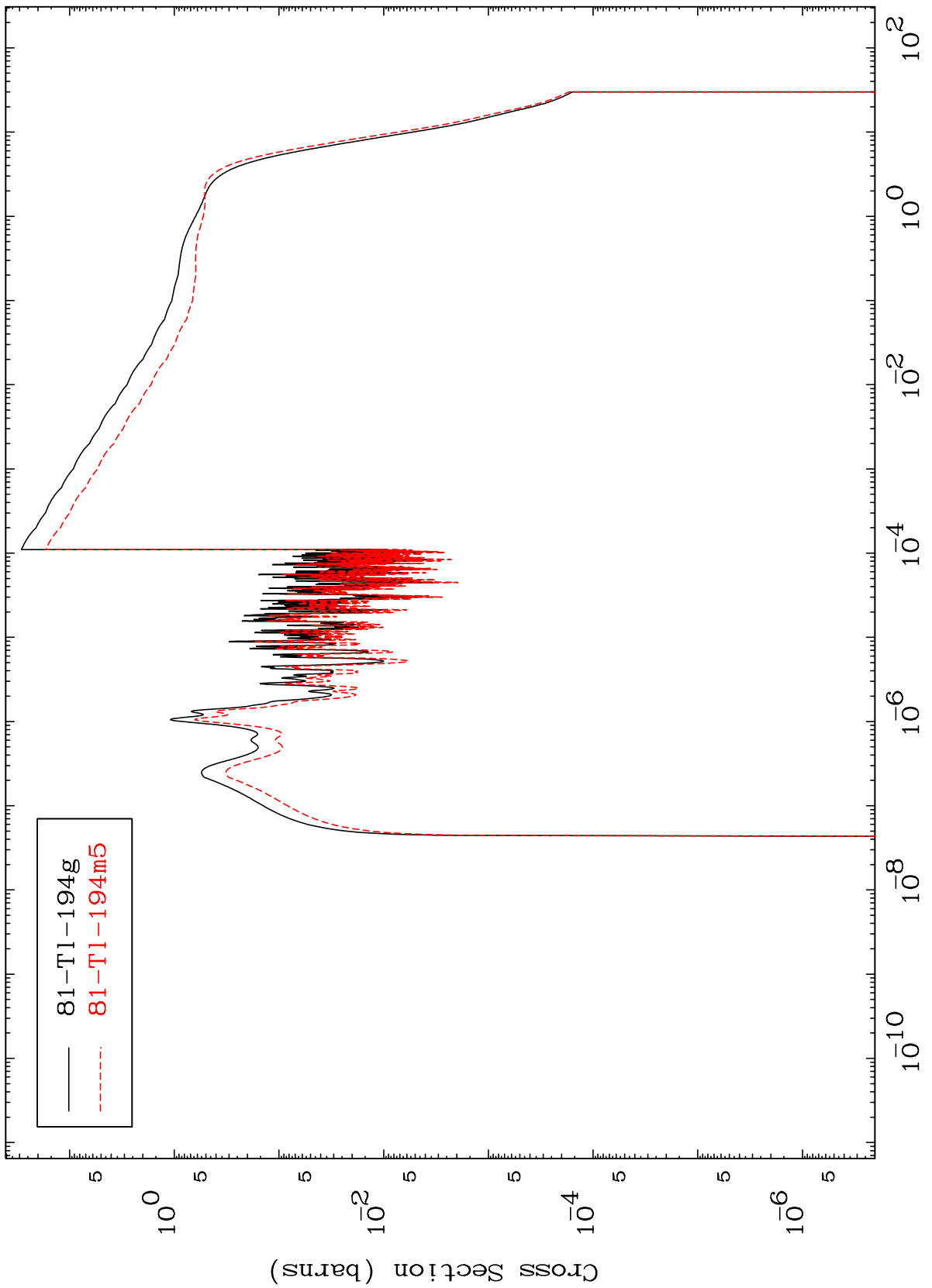
(n,2n) p

81-Tl-193

Radionuclide Production Cross Section



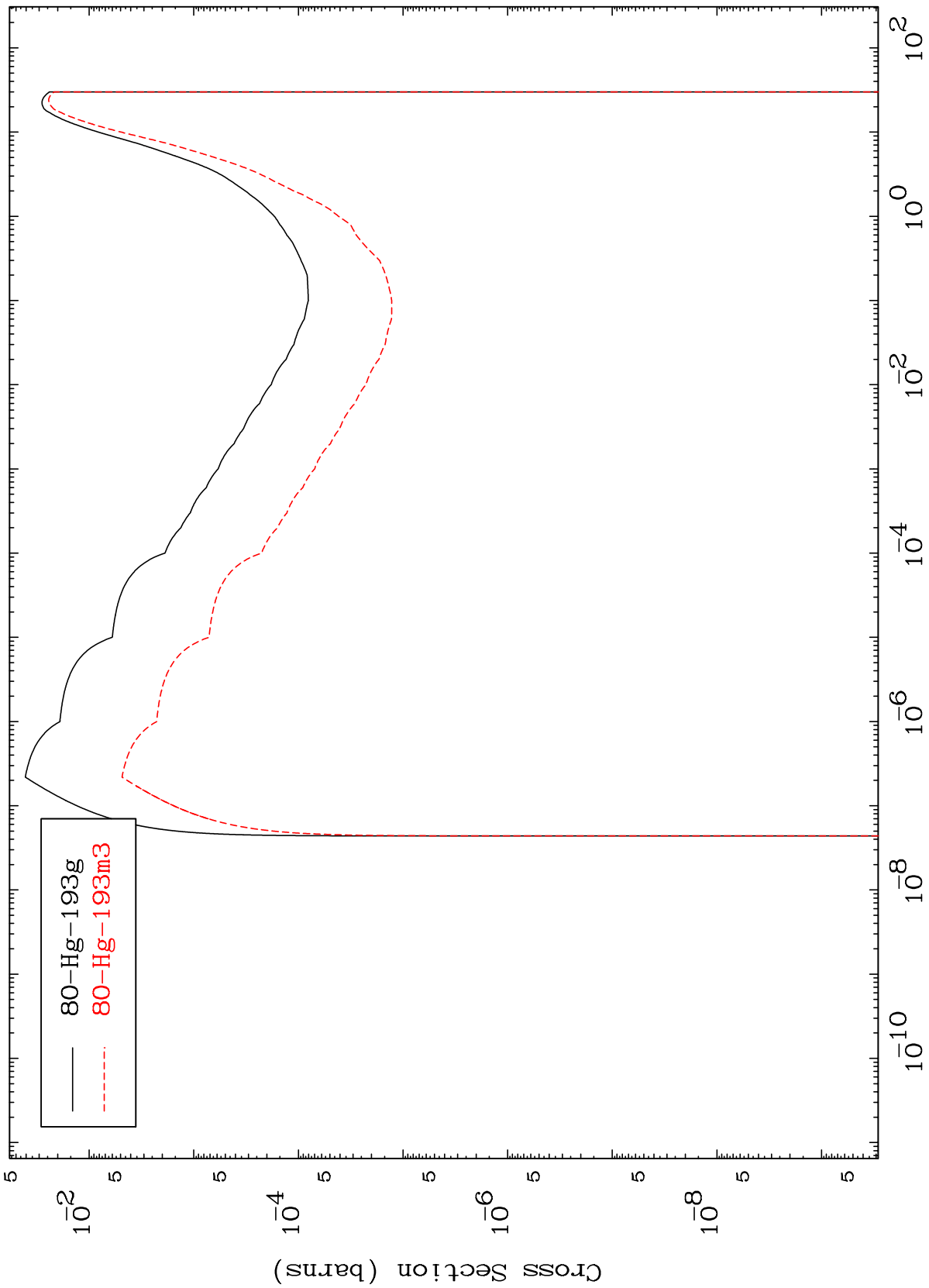
(n, γ)
Radionuclide Production Cross Section



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81-Tl-193

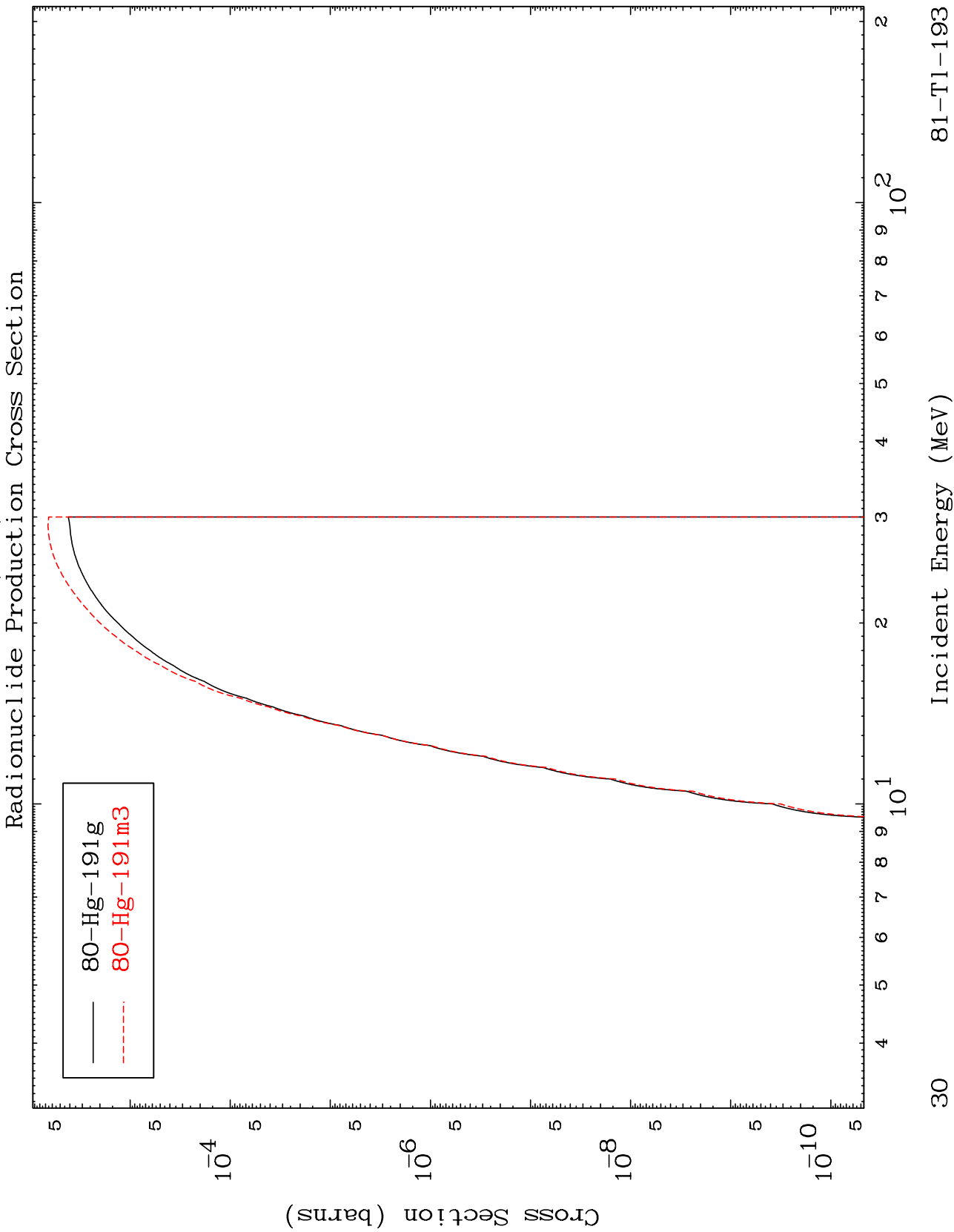
(n,p)
Radionuclide Production Cross Section



— 80-Hg-193g
- - - 80-Hg-193m3

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81-Tl-193



30

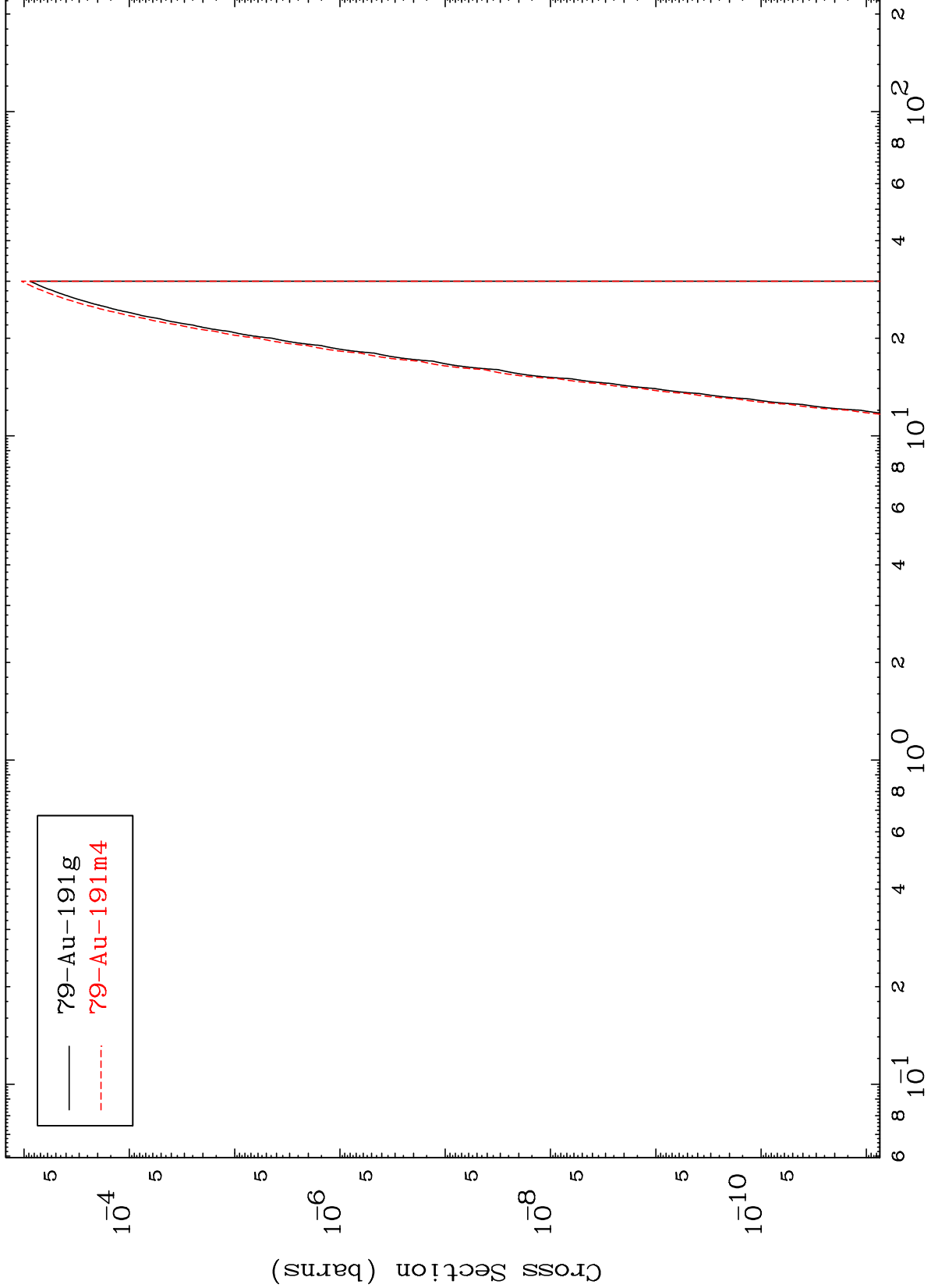
81-Tl-193

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(n,He-3)

81-Tl-193

Radionuclide Production Cross Section



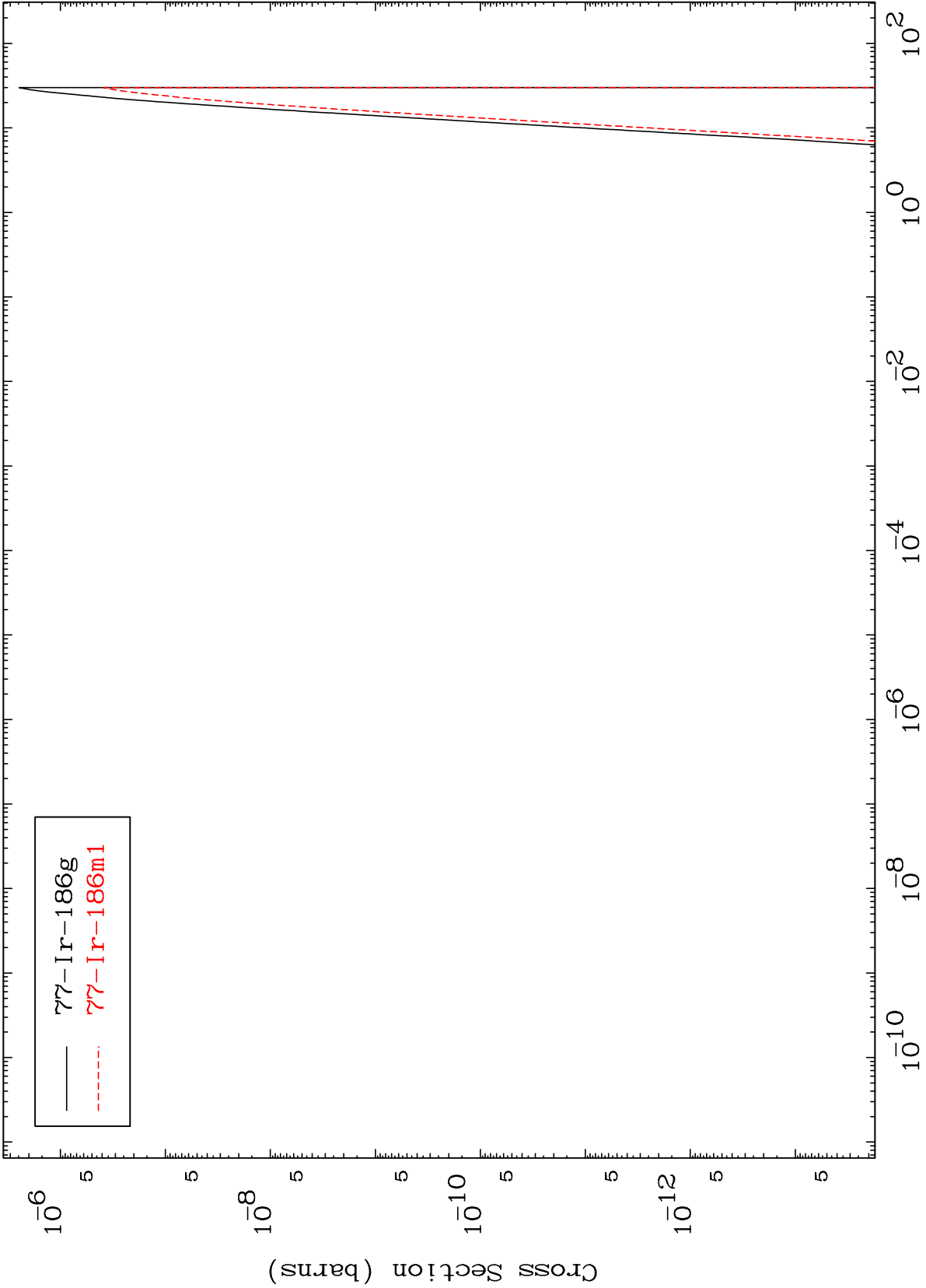
— $^{191}\text{gAu-79}$
- - - $^{191}\text{m4Au-79}$

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(n,2α)

81-Tl-193

Radionuclide Production Cross Section



— 77-Ir-186g
- - - 77-Ir-186m1

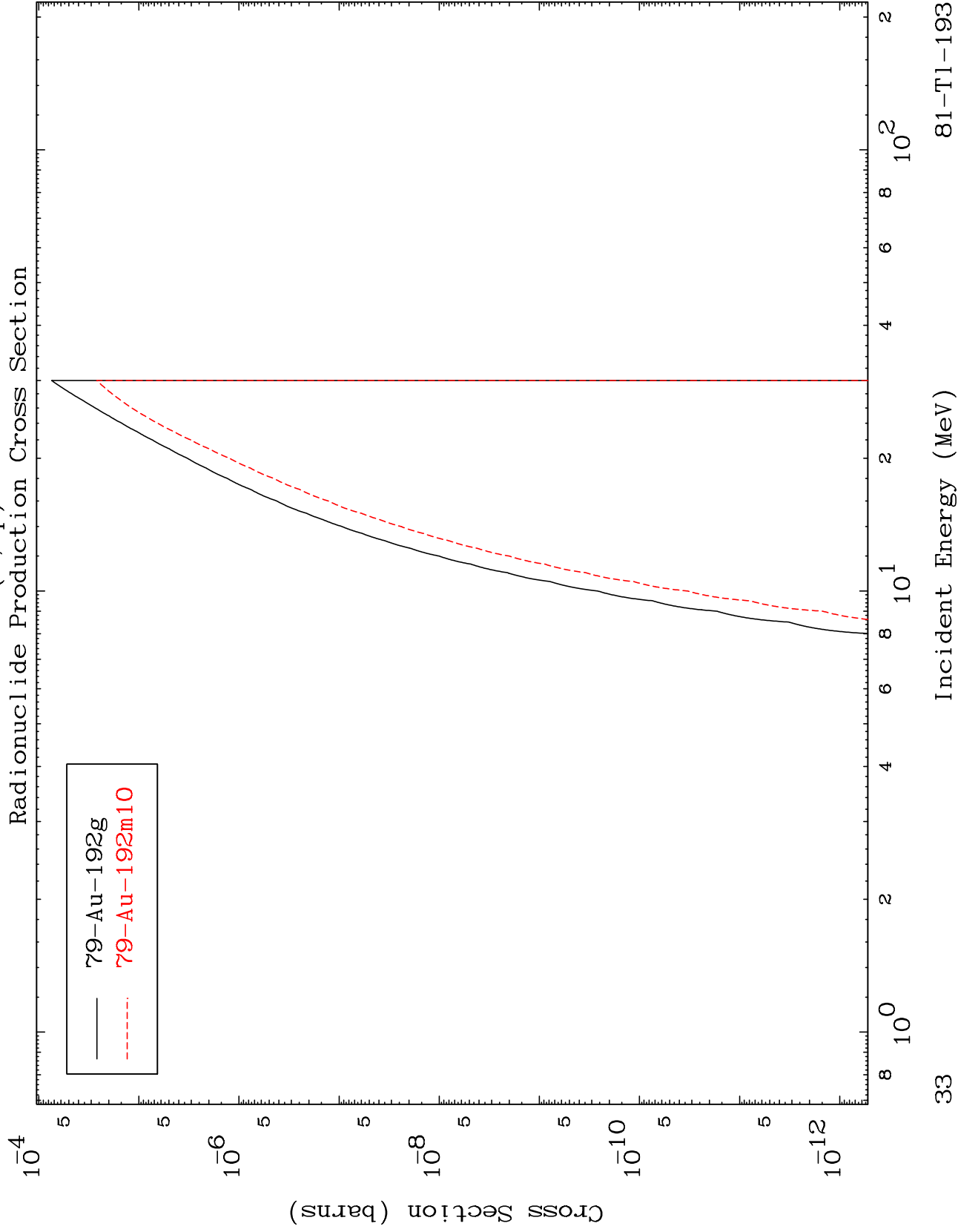
Incident Energy (MeV)

81-Tl-193

MAT 8096

(n,2p)

81-Tl-193



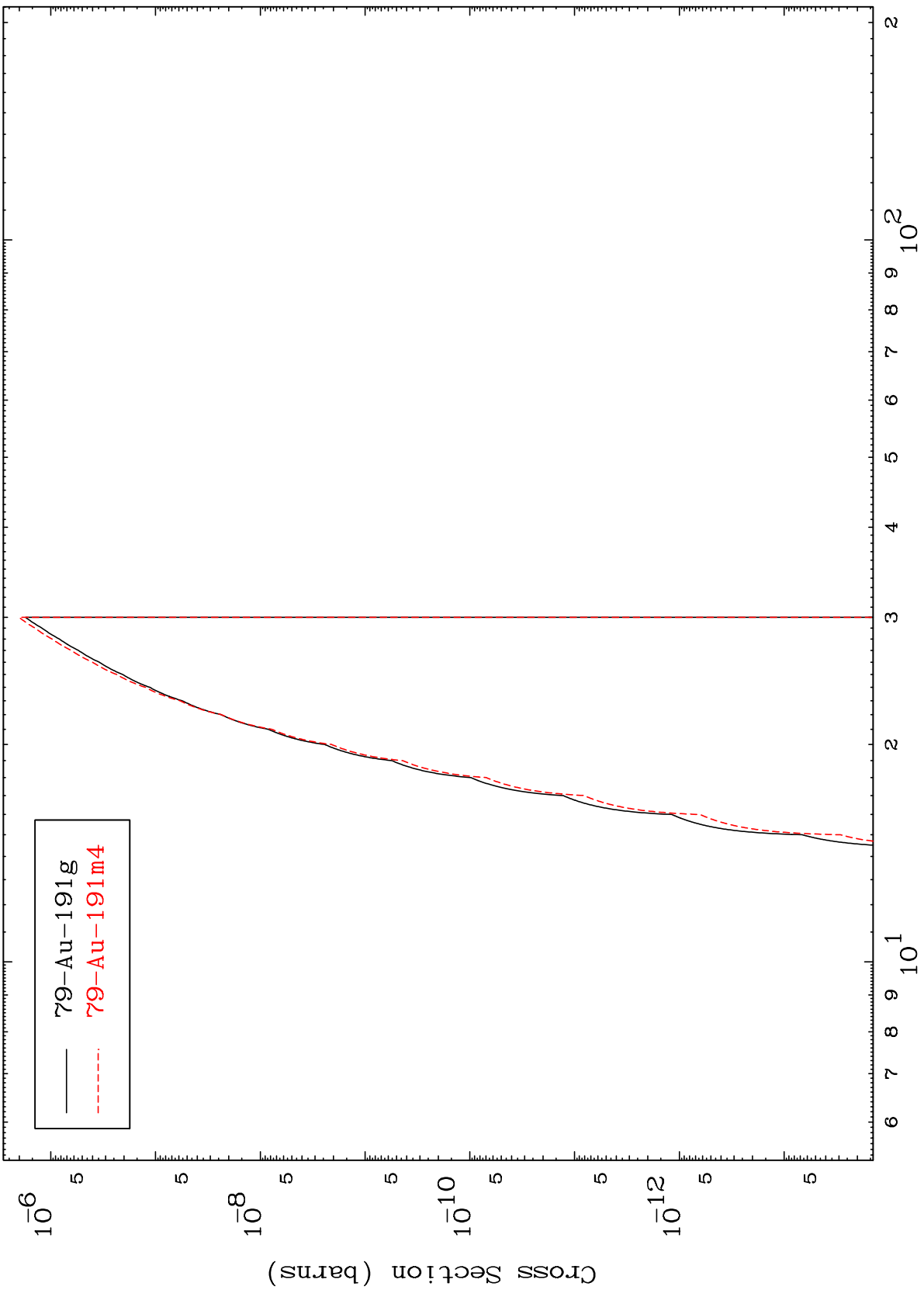
33

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(n,p) d

81-Tl-193

Radionuclide Production Cross Section



34

Incident Energy (MeV)

81-Tl-193