

Program EVALPLOT  
(Version 2021-1)

by

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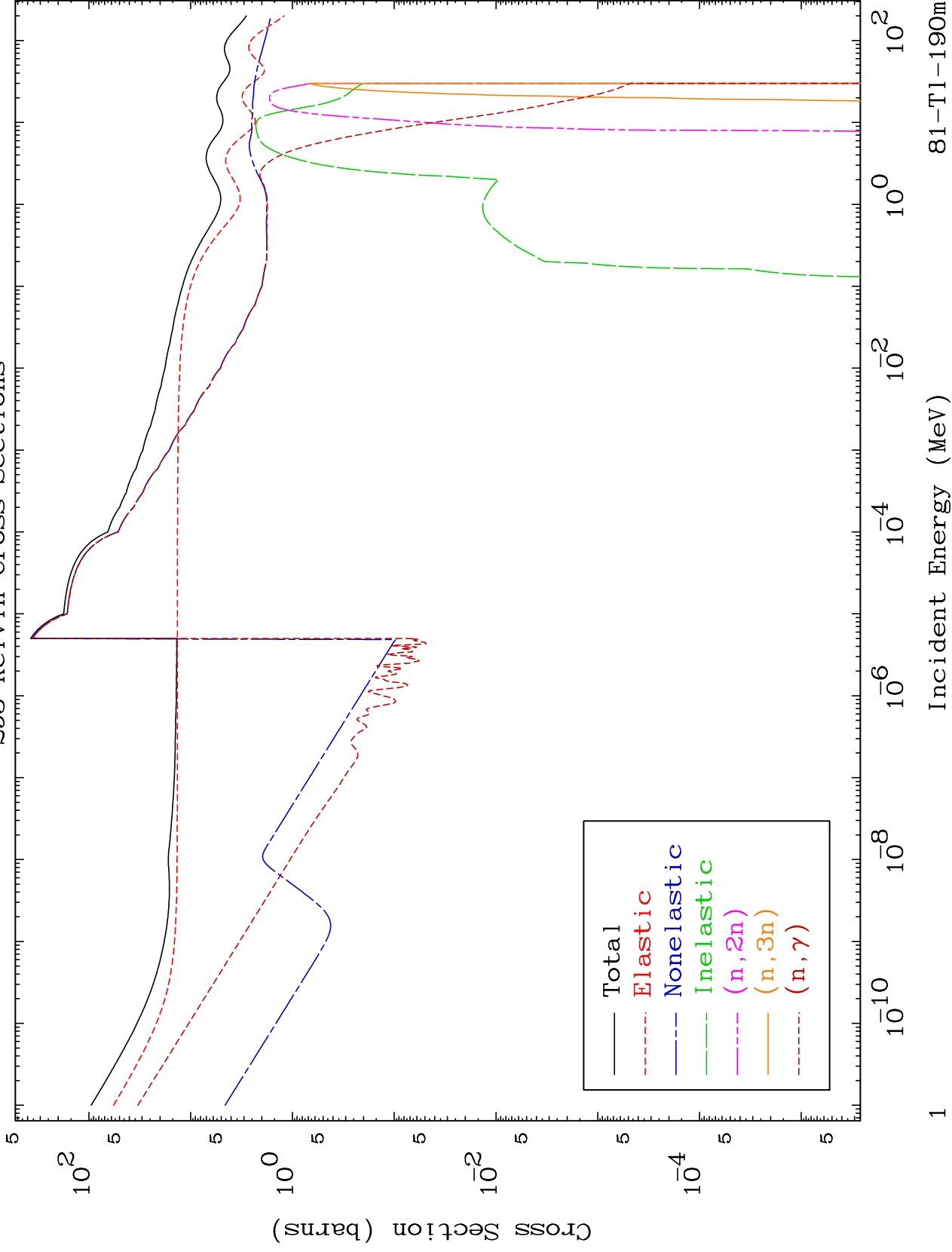
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8087

Neutron Major  
293 Kelvin Cross Sections

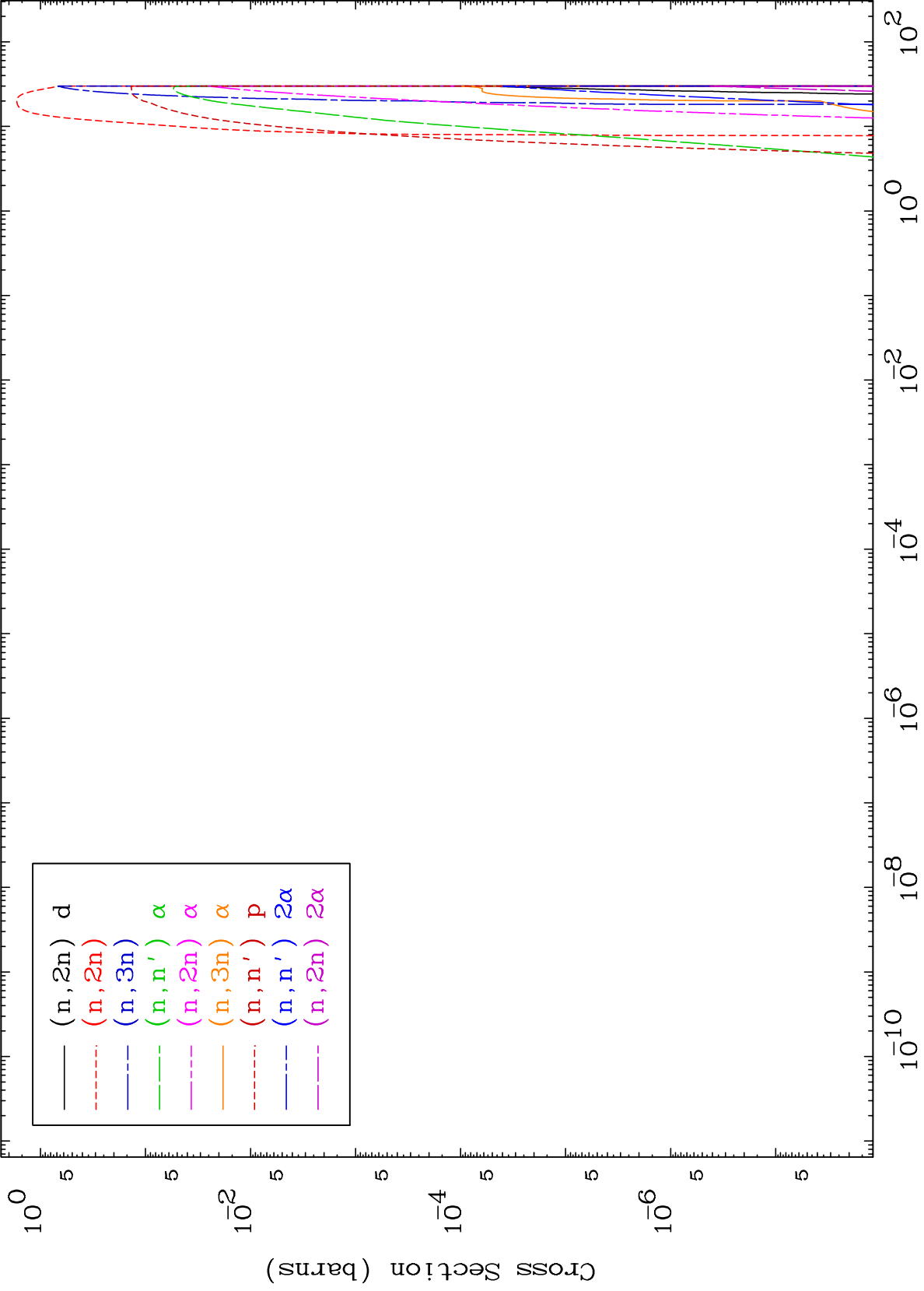
81-TI-190m



MAT 8087

Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-190m



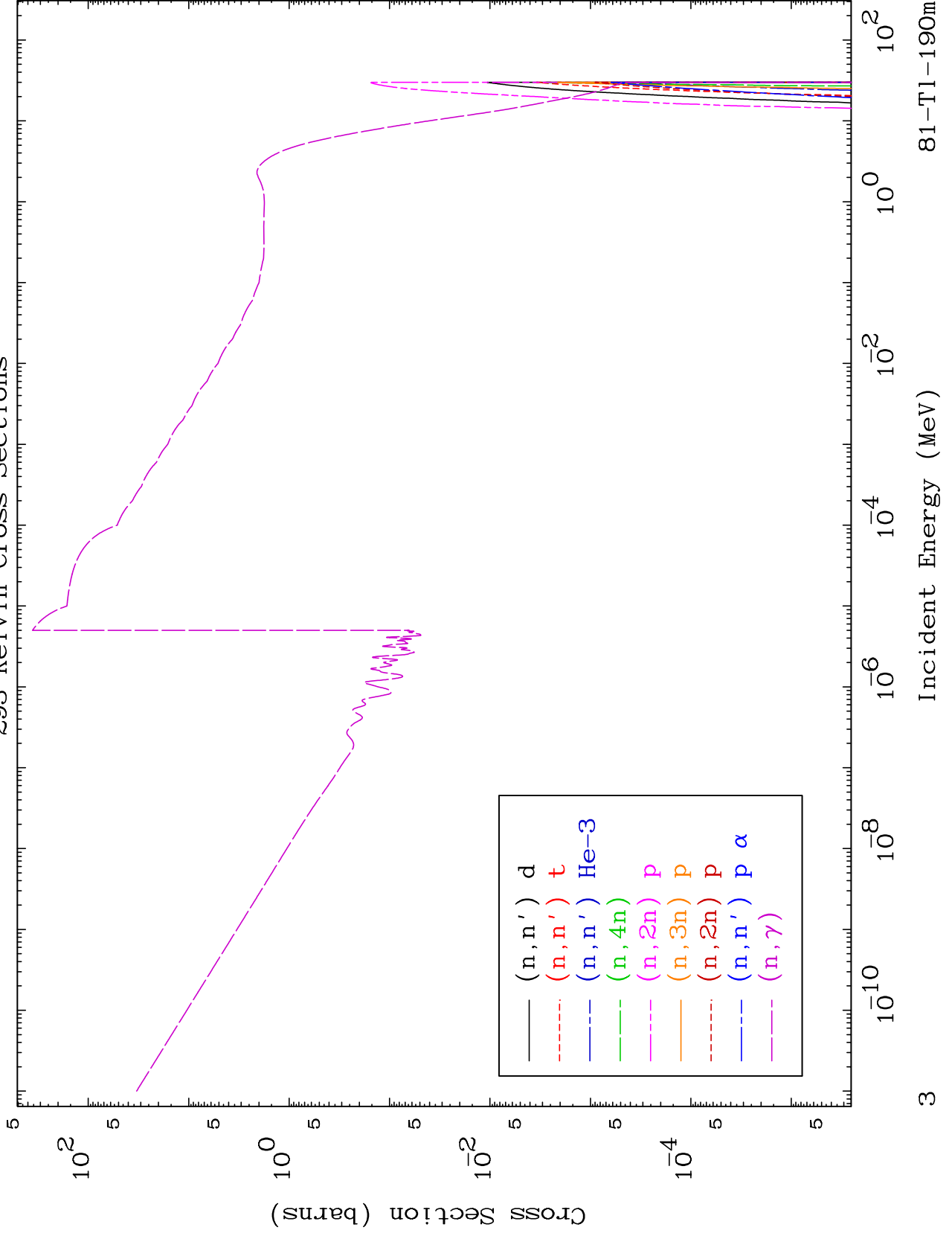
81-Tl-190m

Incident Energy (MeV)

MAT 8087

Neutron Absorption  
293 Kelvin Cross Sections

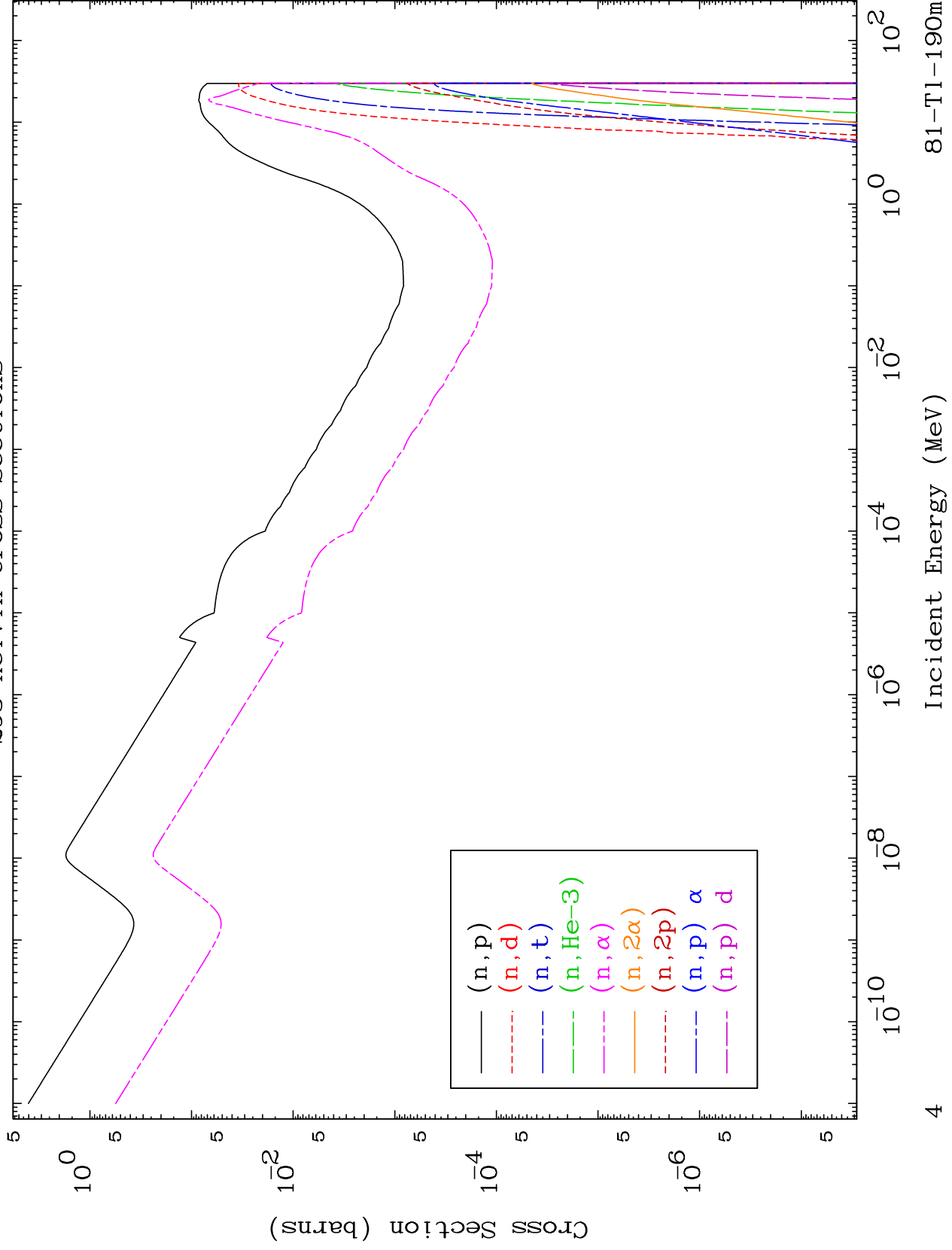
81-Tl-190m



MAT 8087

Neutron Absorption  
293 Kelvin Cross Sections

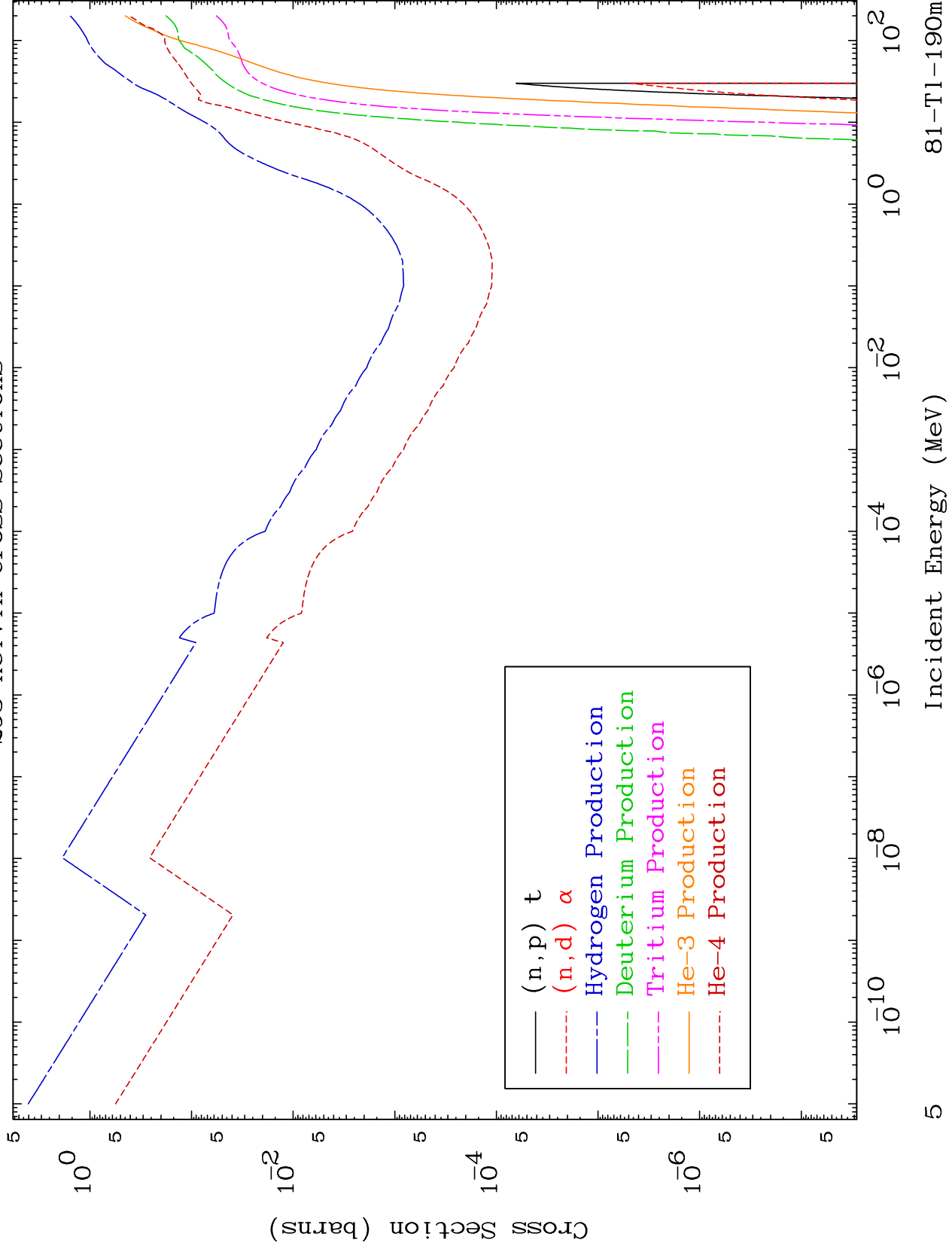
81-TI-190m



MAT 8087

Neutron Absorption  
293 Kelvin Cross Sections

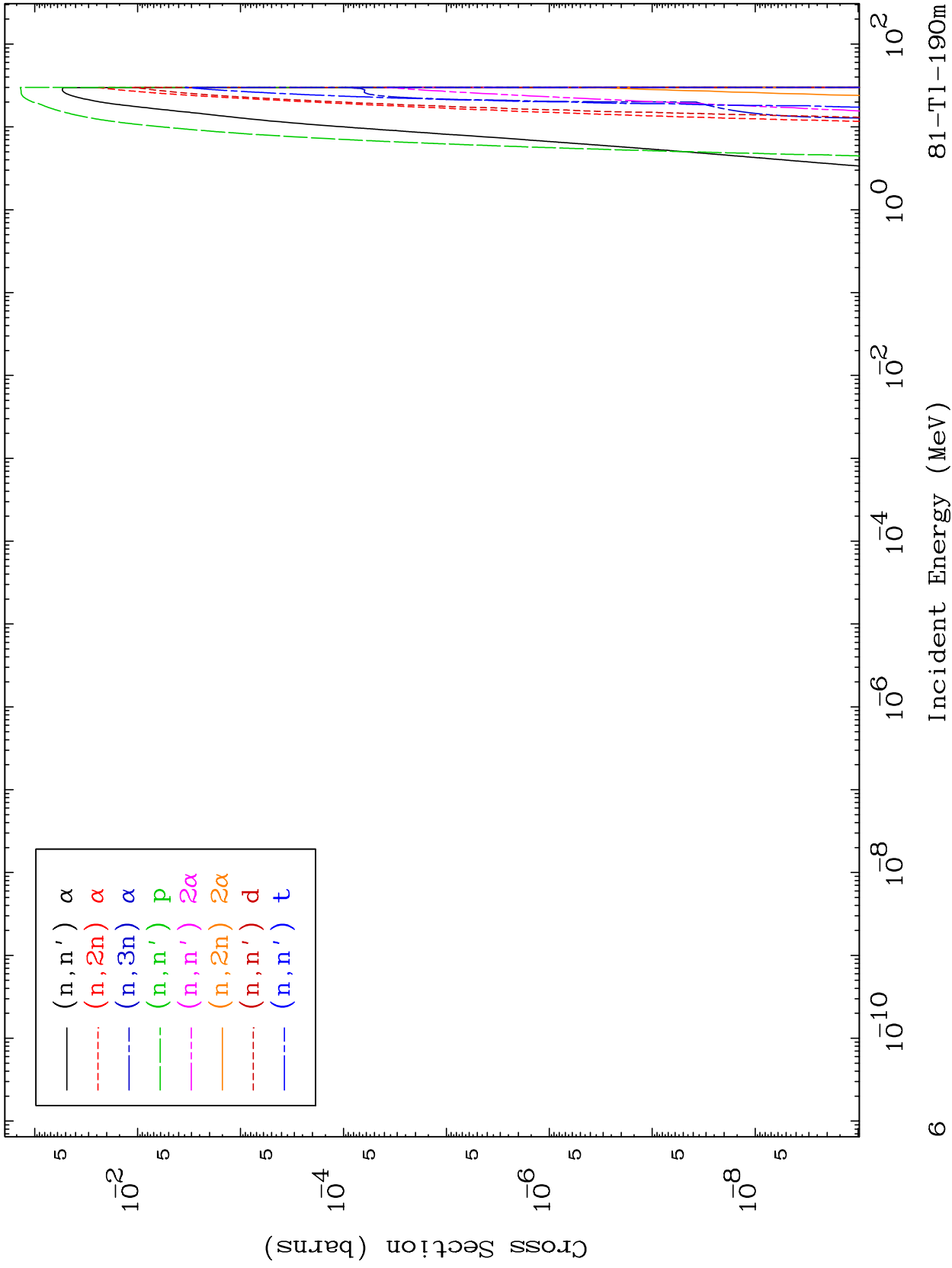
81-TI-190m



MAT 8087

Charged Particle  
293 Kelvin Cross Sections

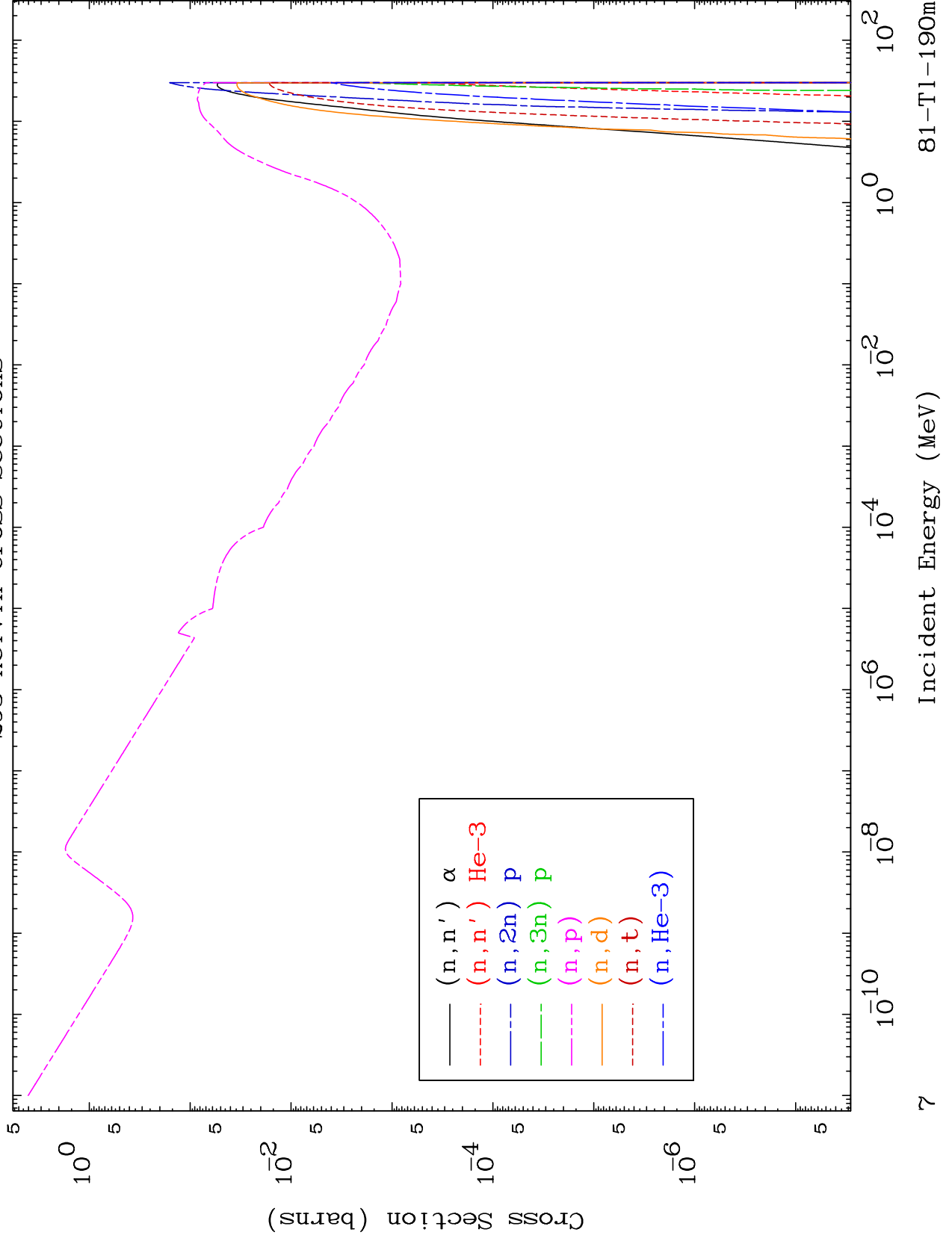
81-Tl-190m



MAT 8087

Charged Particle  
293 Kelvin Cross Sections

81-Tl-190m

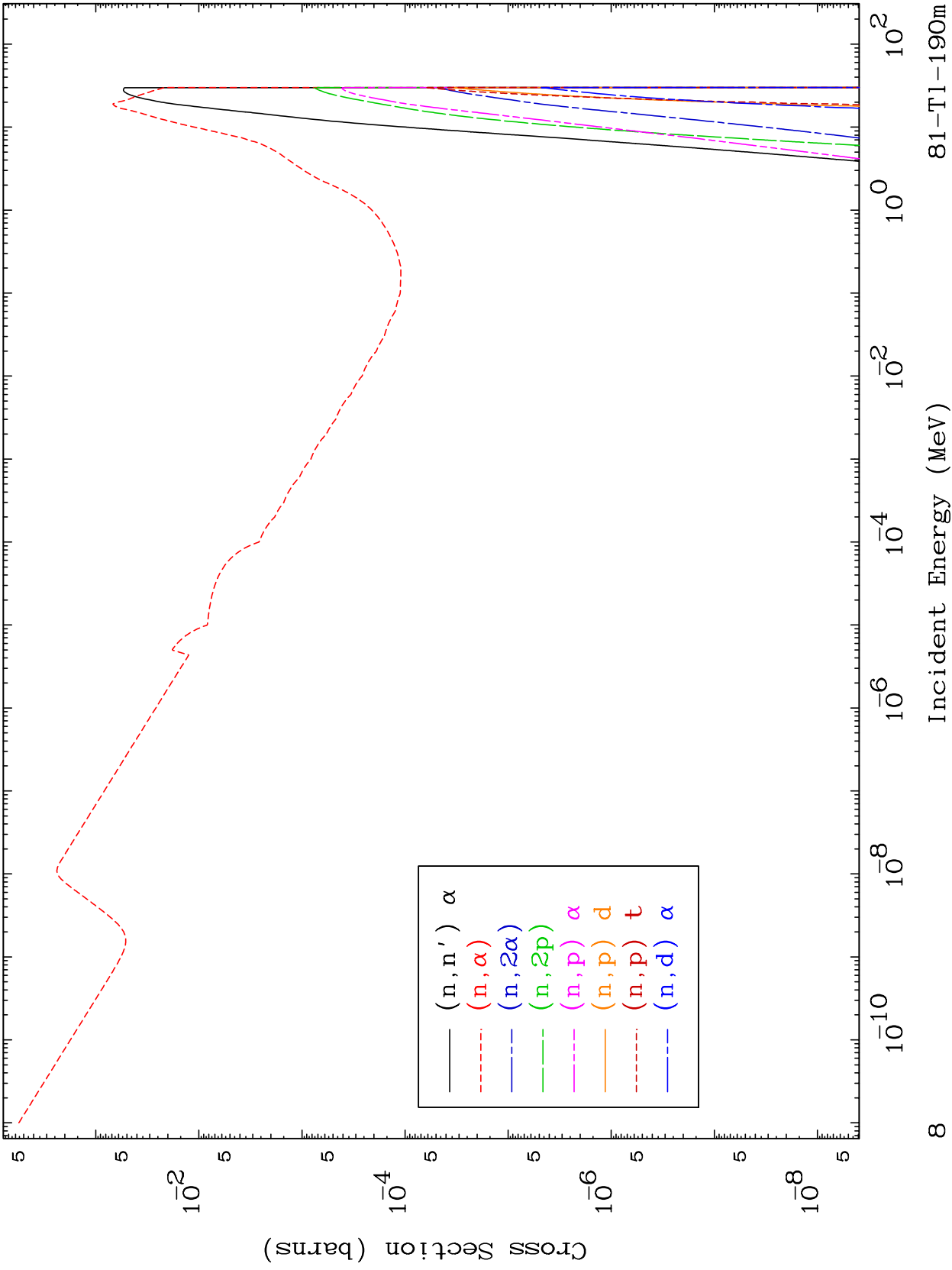




MAT 8087

Charged Particle  
293 Kelvin Cross Sections

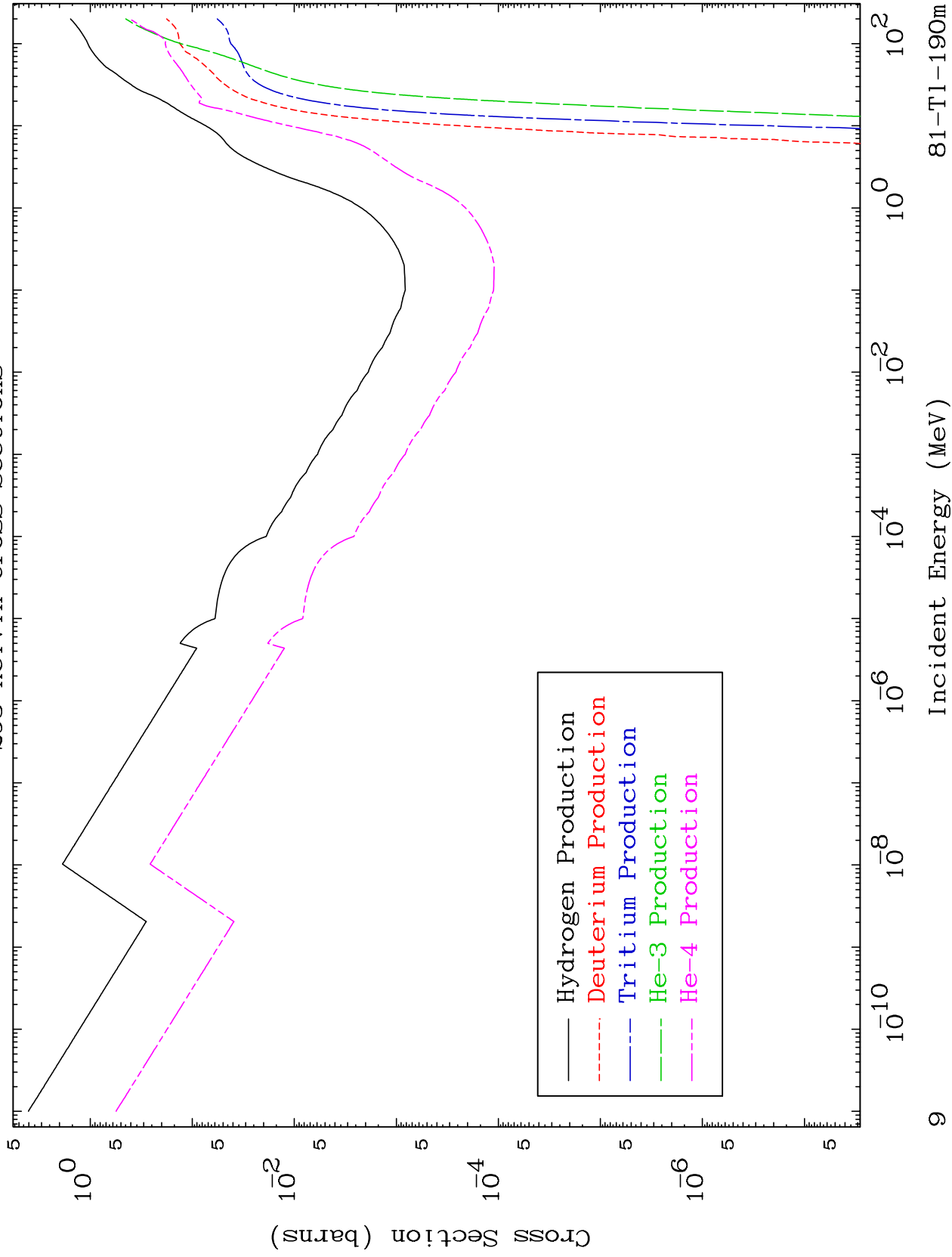
81-Tl-190m



MAT 8087

Particle Production  
293 Kelvin Cross Sections

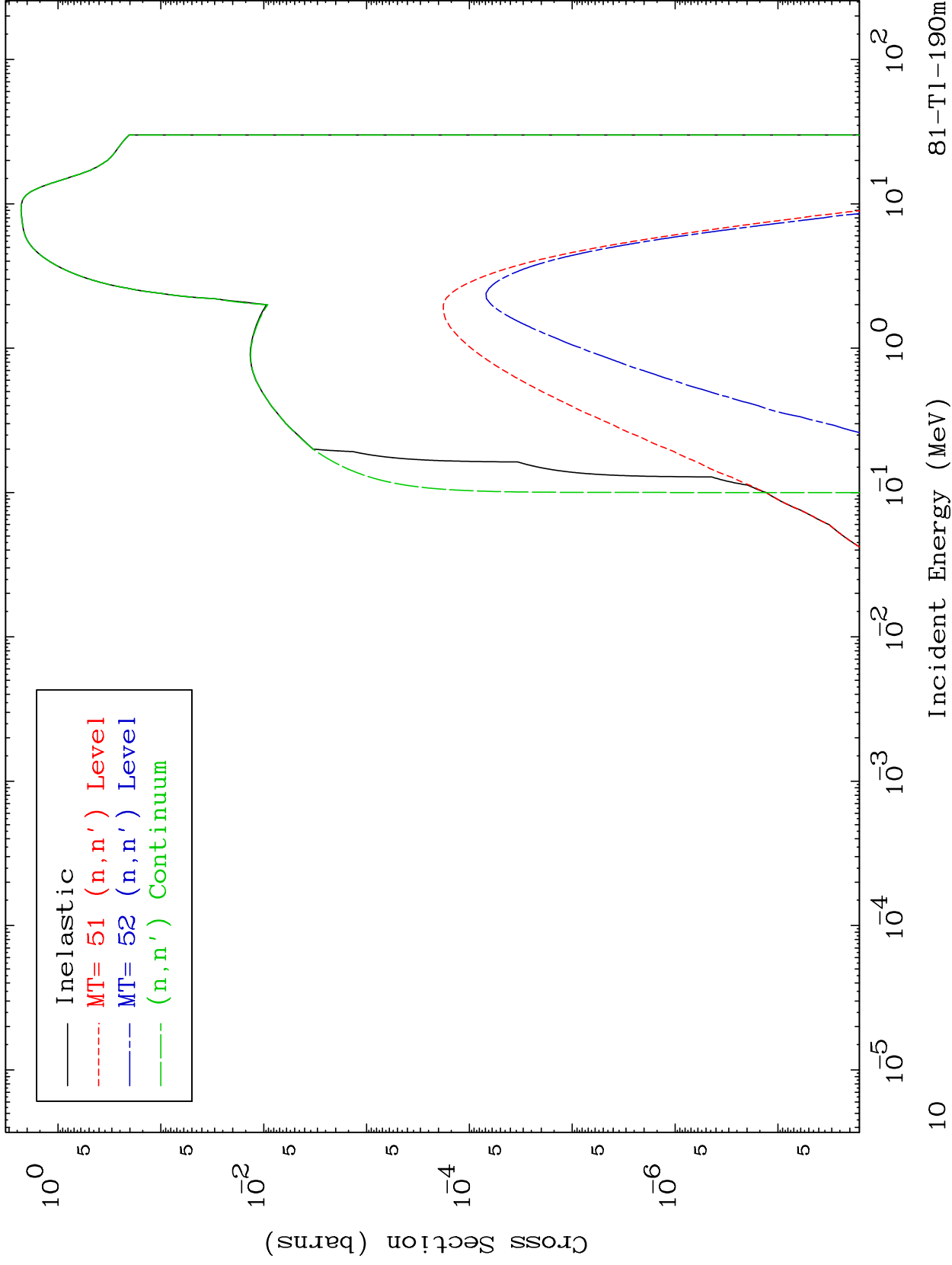
81-Tl-190m



MAT 8087

(n,n') Levels  
293 Kelvin Cross Sections

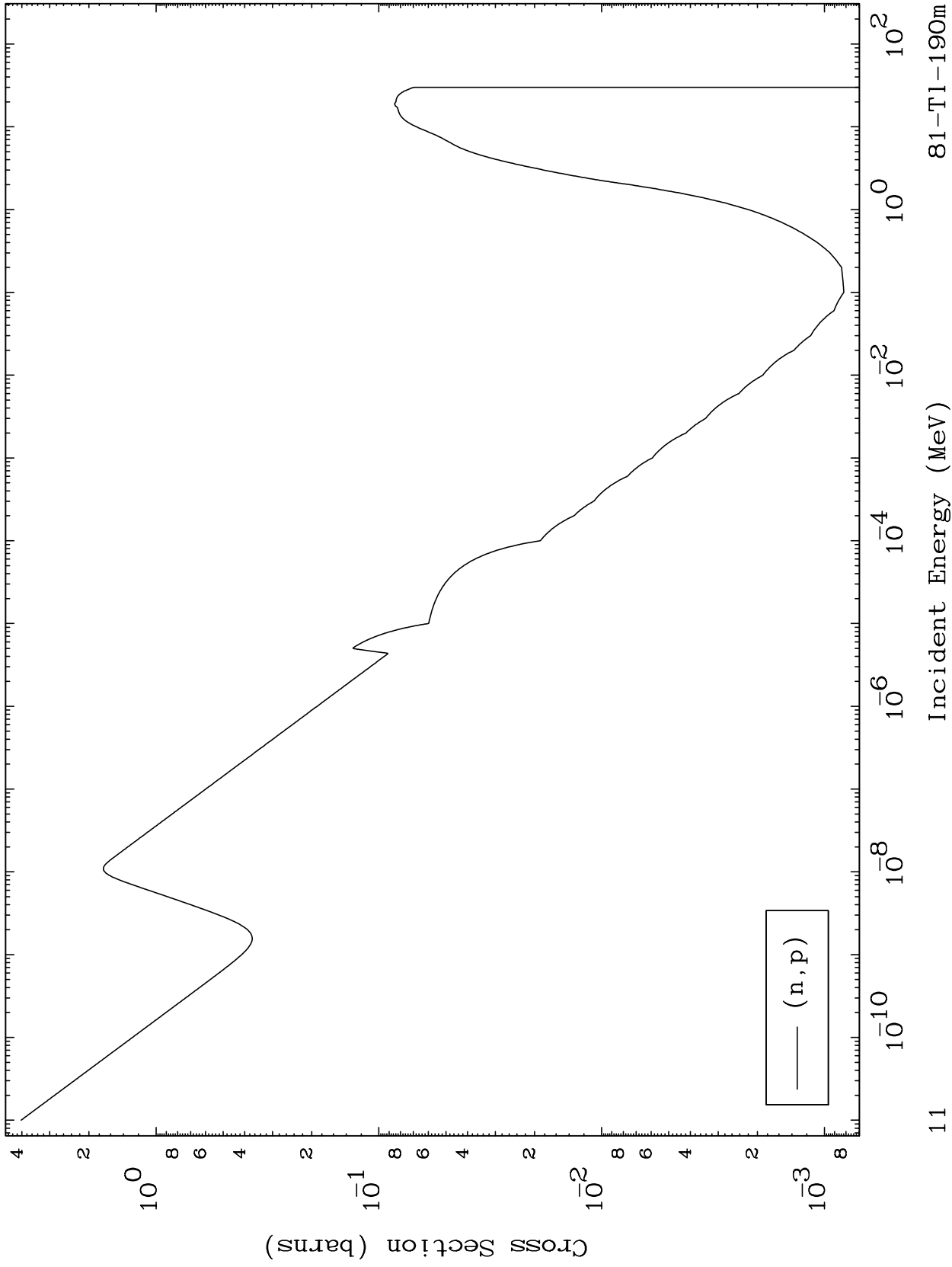
81-Tl-190m



MAT 8087

(n,p) Levels  
293 Kelvin Cross Sections

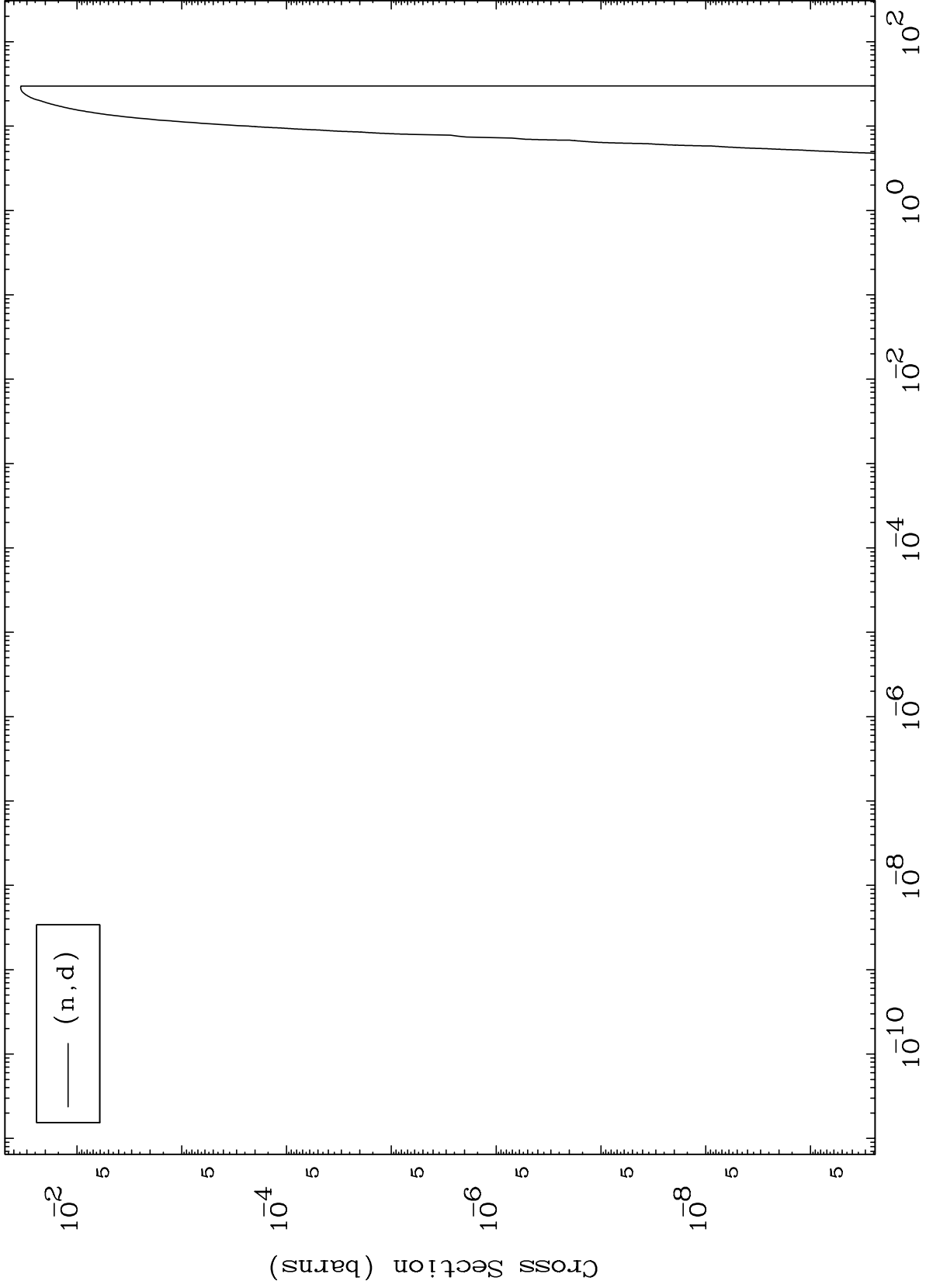
81-Tl-190m



MAT 8087

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-190m



12

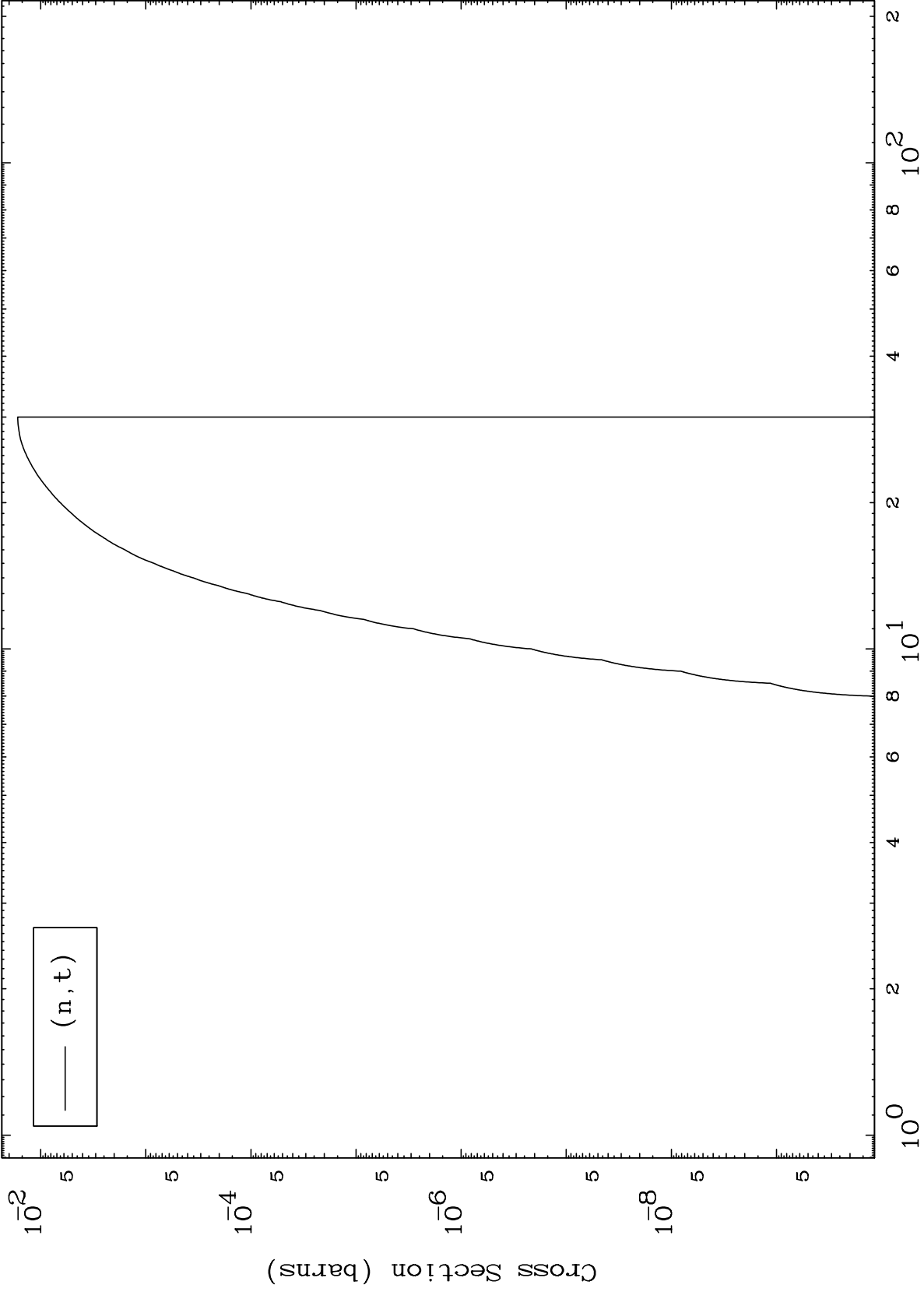
Incident Energy (MeV)

81-Tl-190m

MAT 8087

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-190m



13

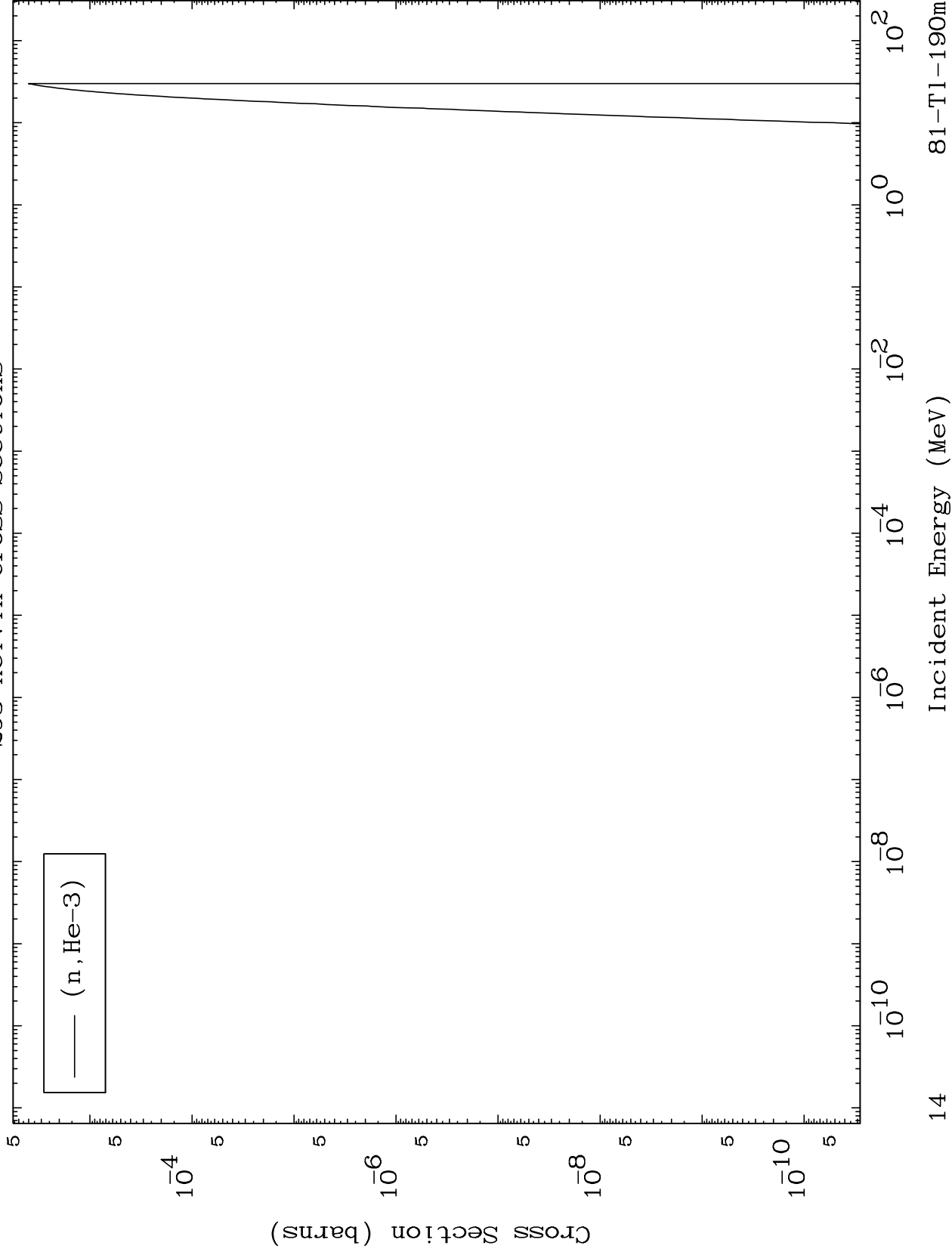
Incident Energy (MeV)

81-Tl-190m

MAT 8087

(n,He3) Levels  
293 Kelvin Cross Sections

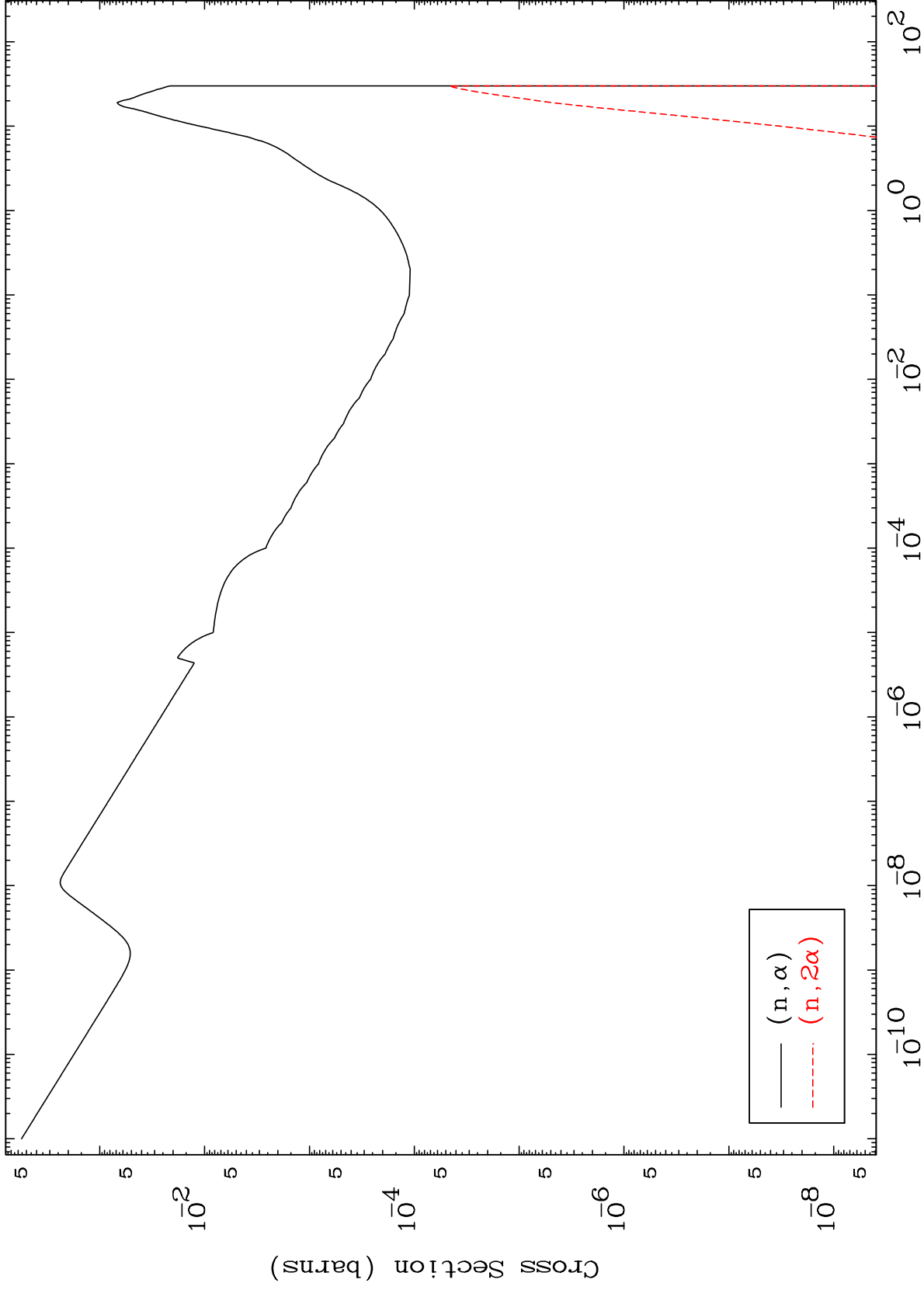
81-Tl-190m



MAT 8087

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

81-Tl-190m



Incident Energy (MeV)

81-Tl-190m

15

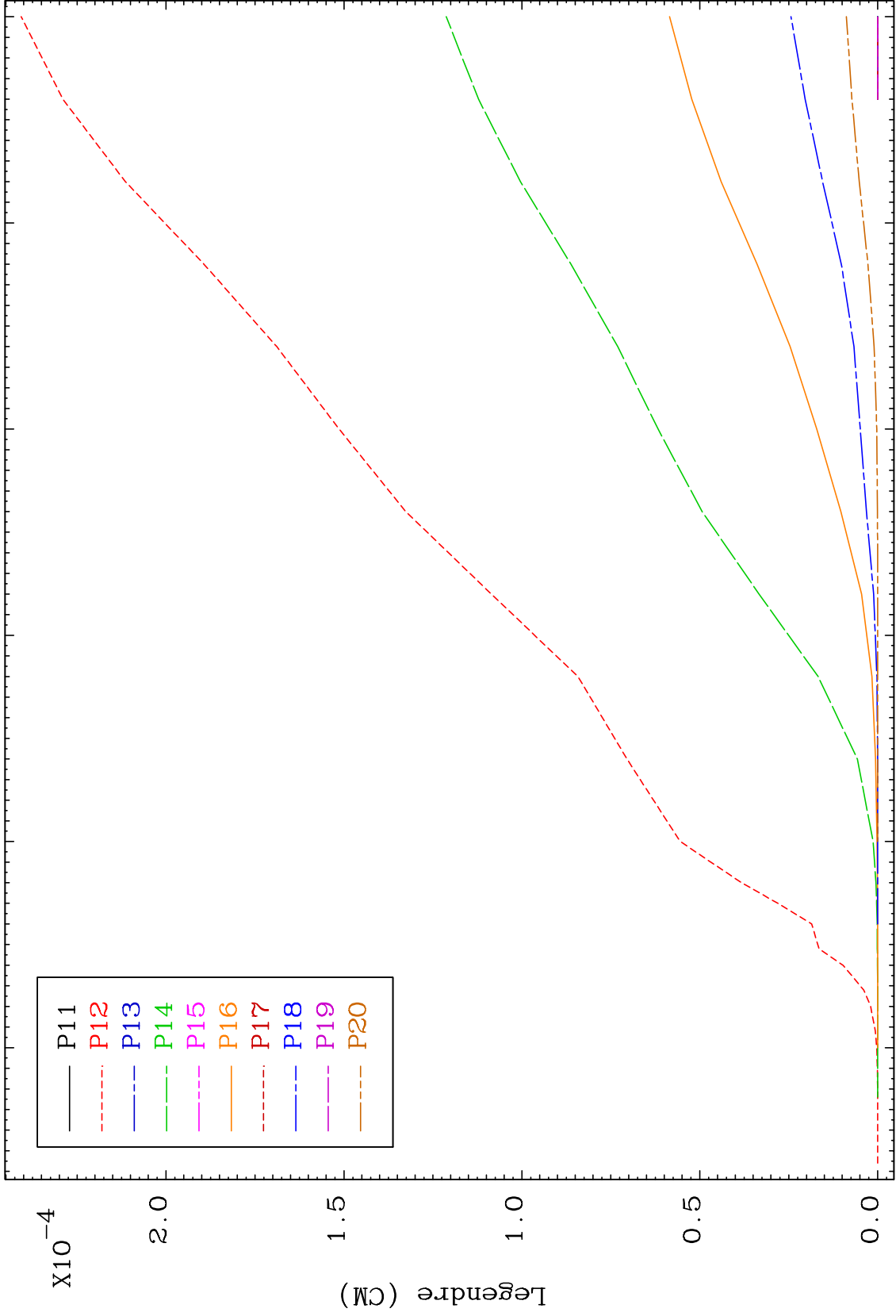




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Elastic Legendre Coefficients

81-TI-190m



17

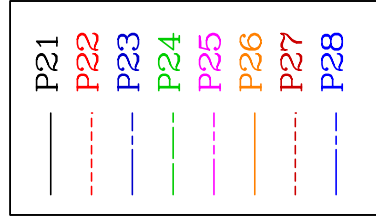
Incident Energy (MeV)

81-TI-190m

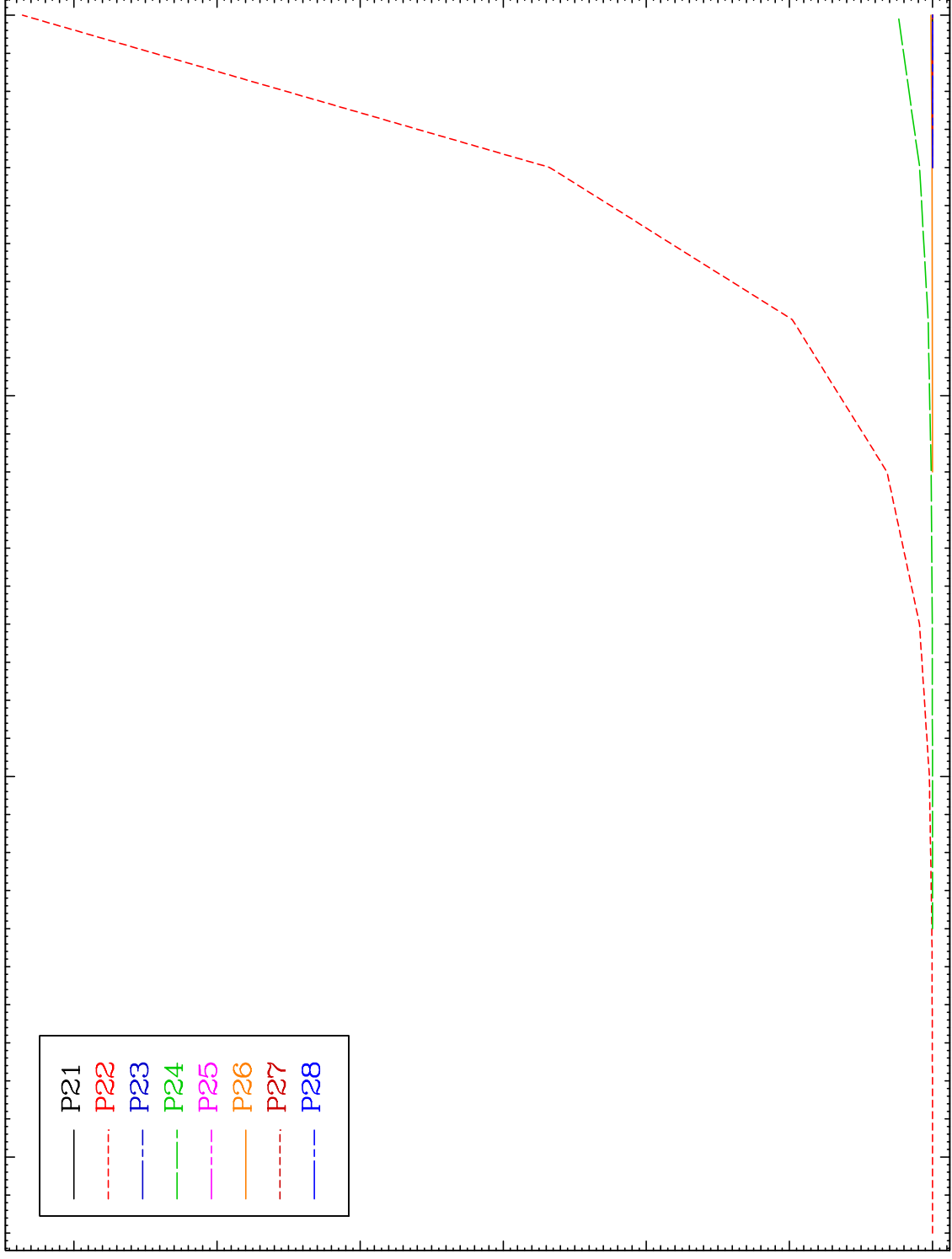
MAT 8087

Elastic Legendre Coefficients

81-TI-190m



Legendre (CM)  $\times 10^{-6}$



18

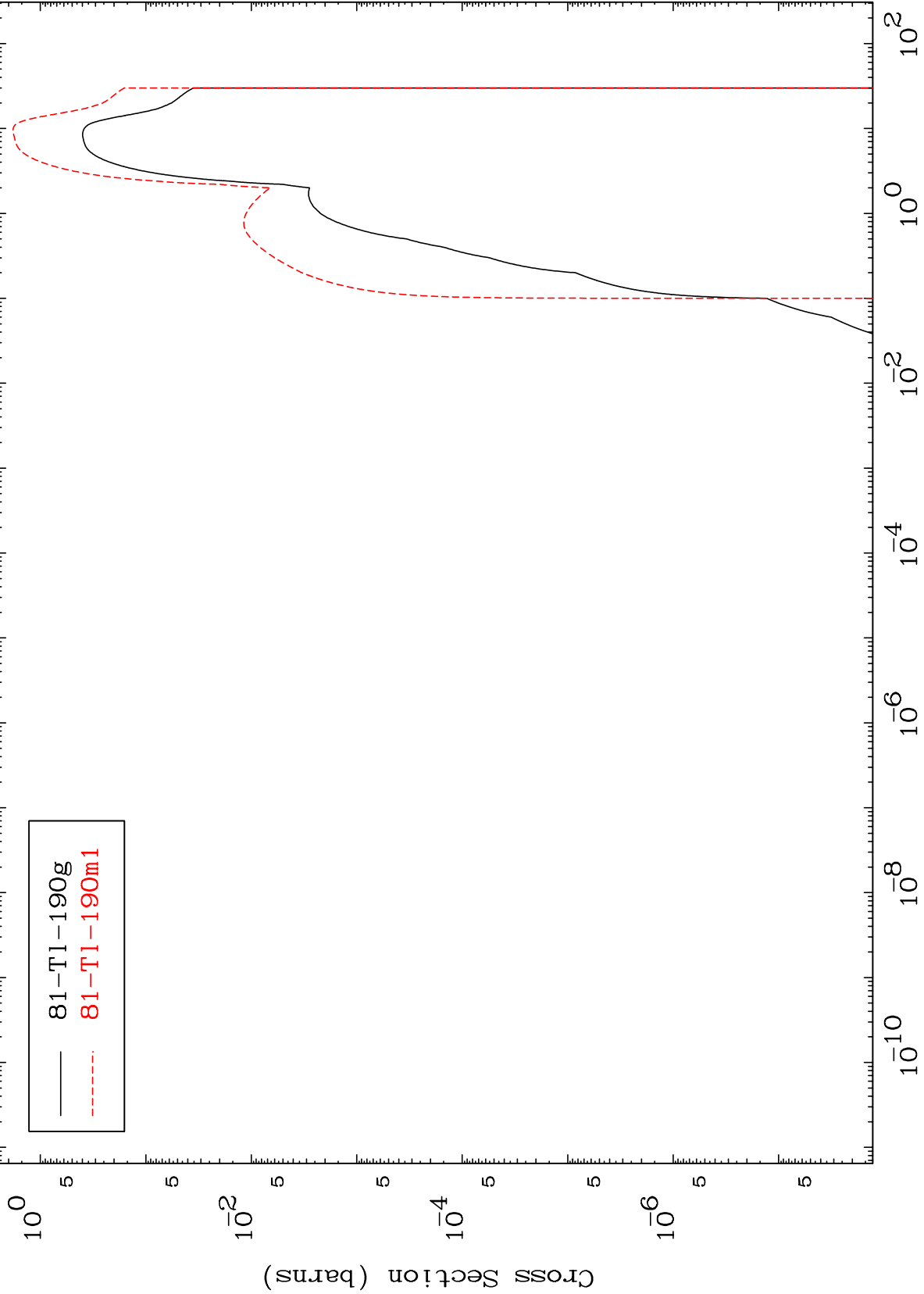
Incident Energy (MeV)

81-TI-190m

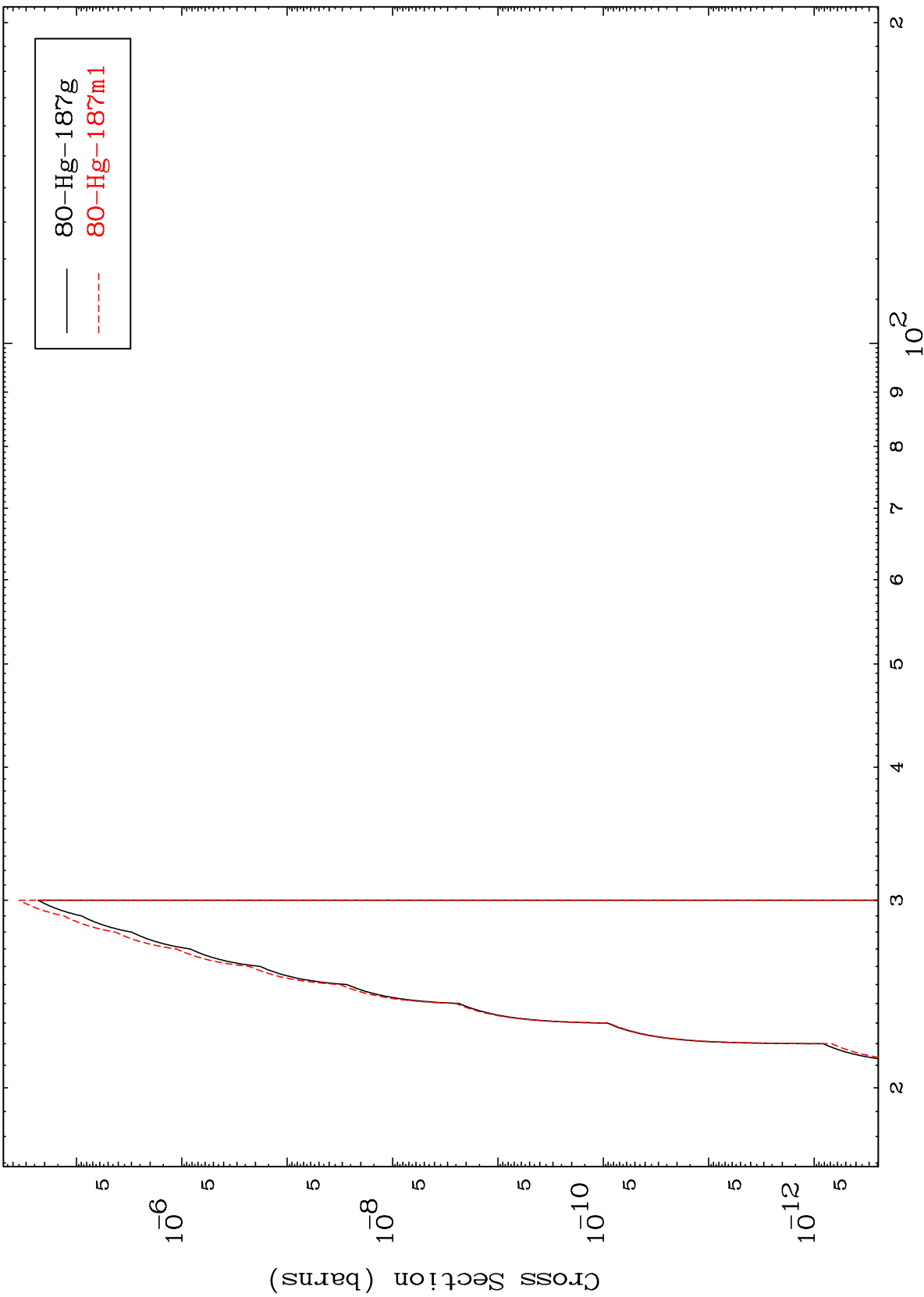
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Inelastic  
Radionuclide Production Cross Section

81-Tl-190m

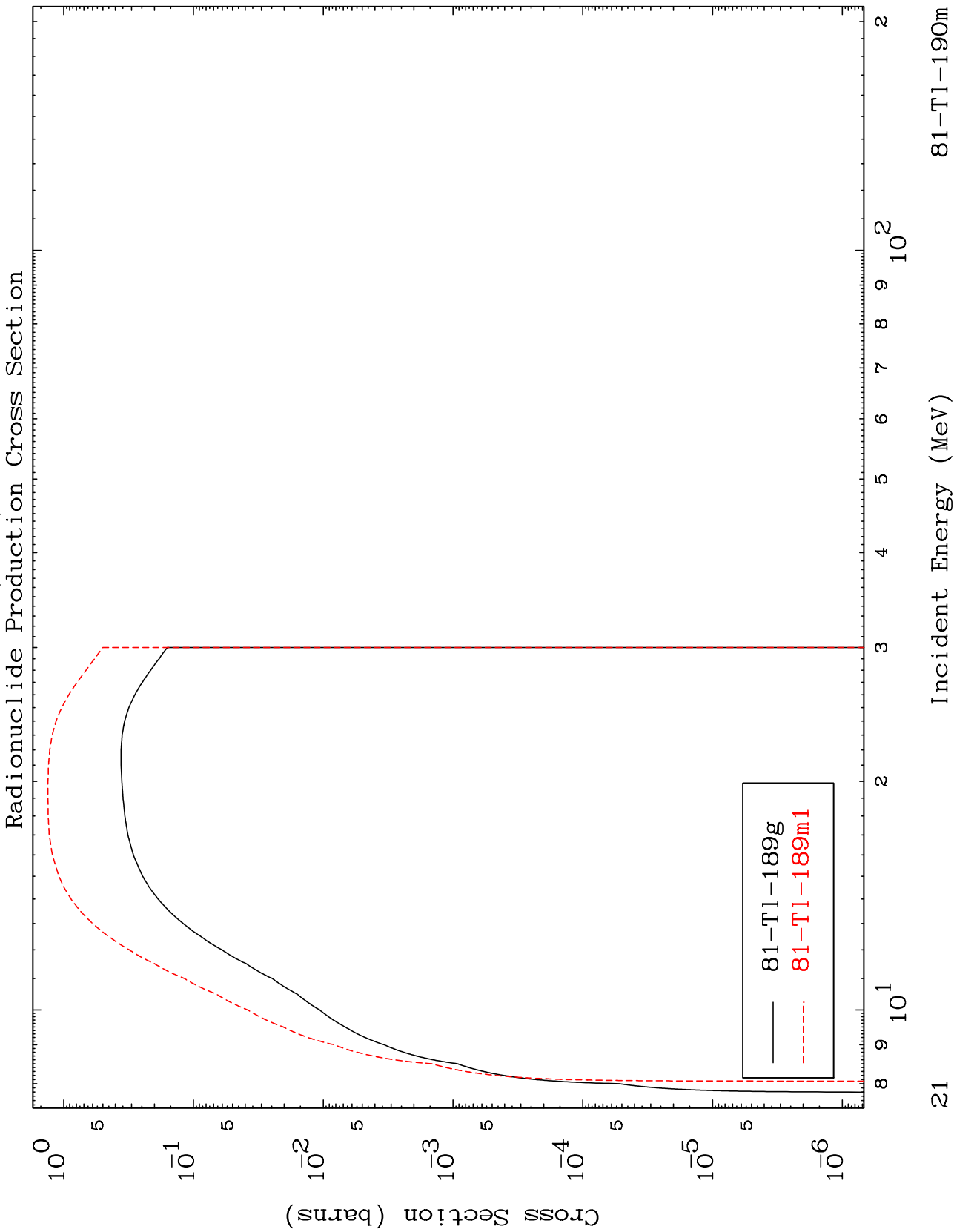


Radionuclide Production Cross Section

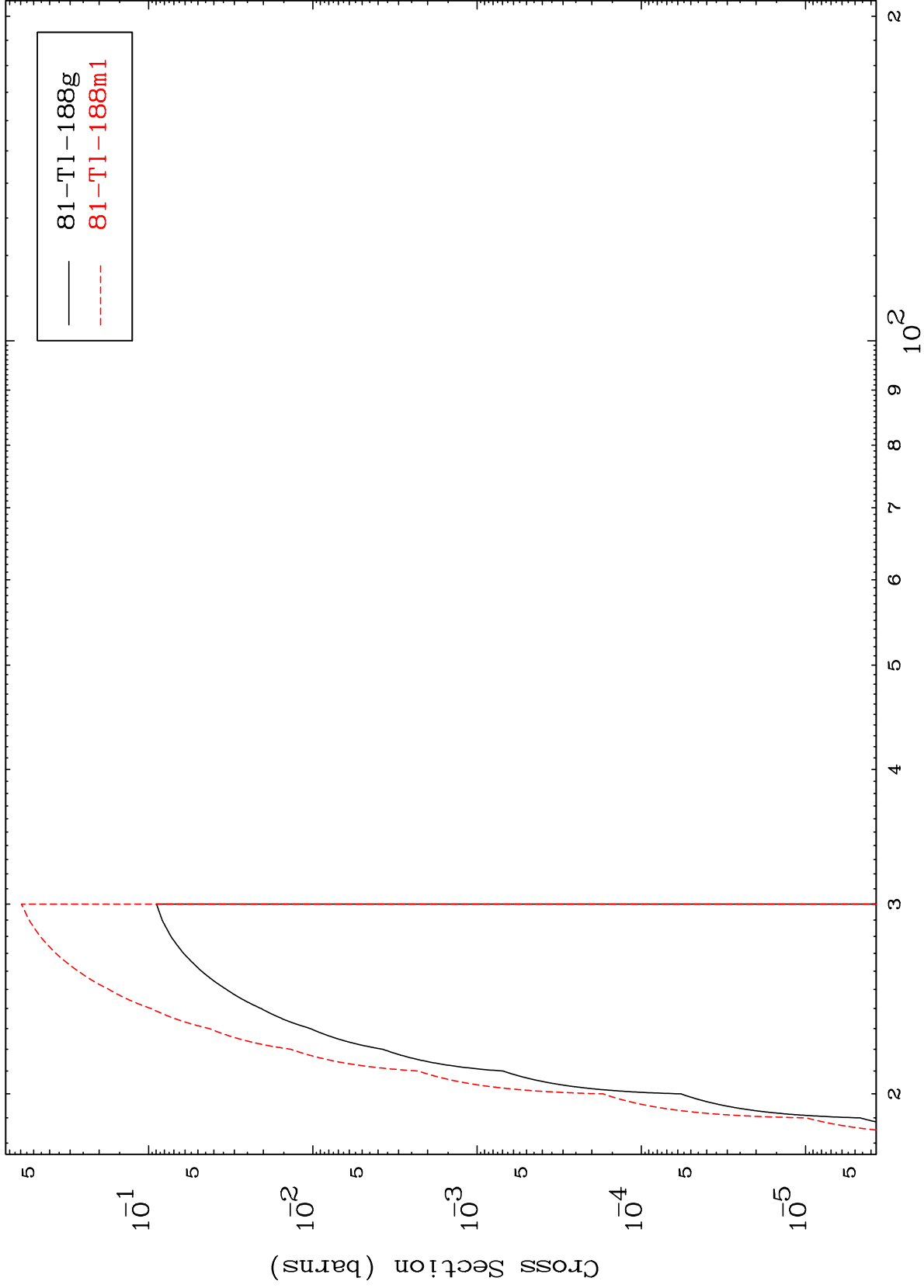


MAT 8087

81-Tl-190m



Radionuclide Production Cross Section

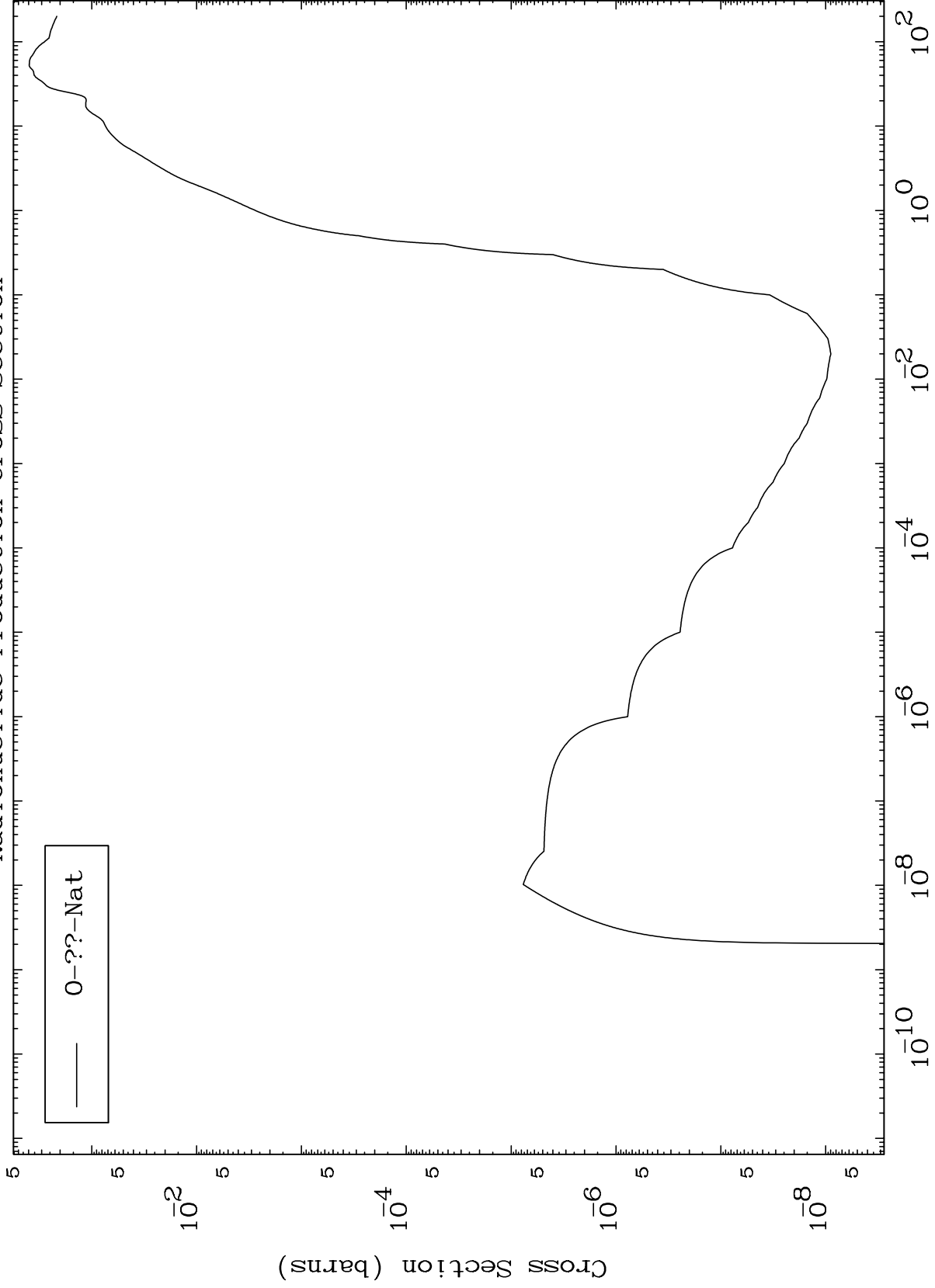


MAT 8087

Fission

81-Tl-190m

Radionuclide Production Cross Section



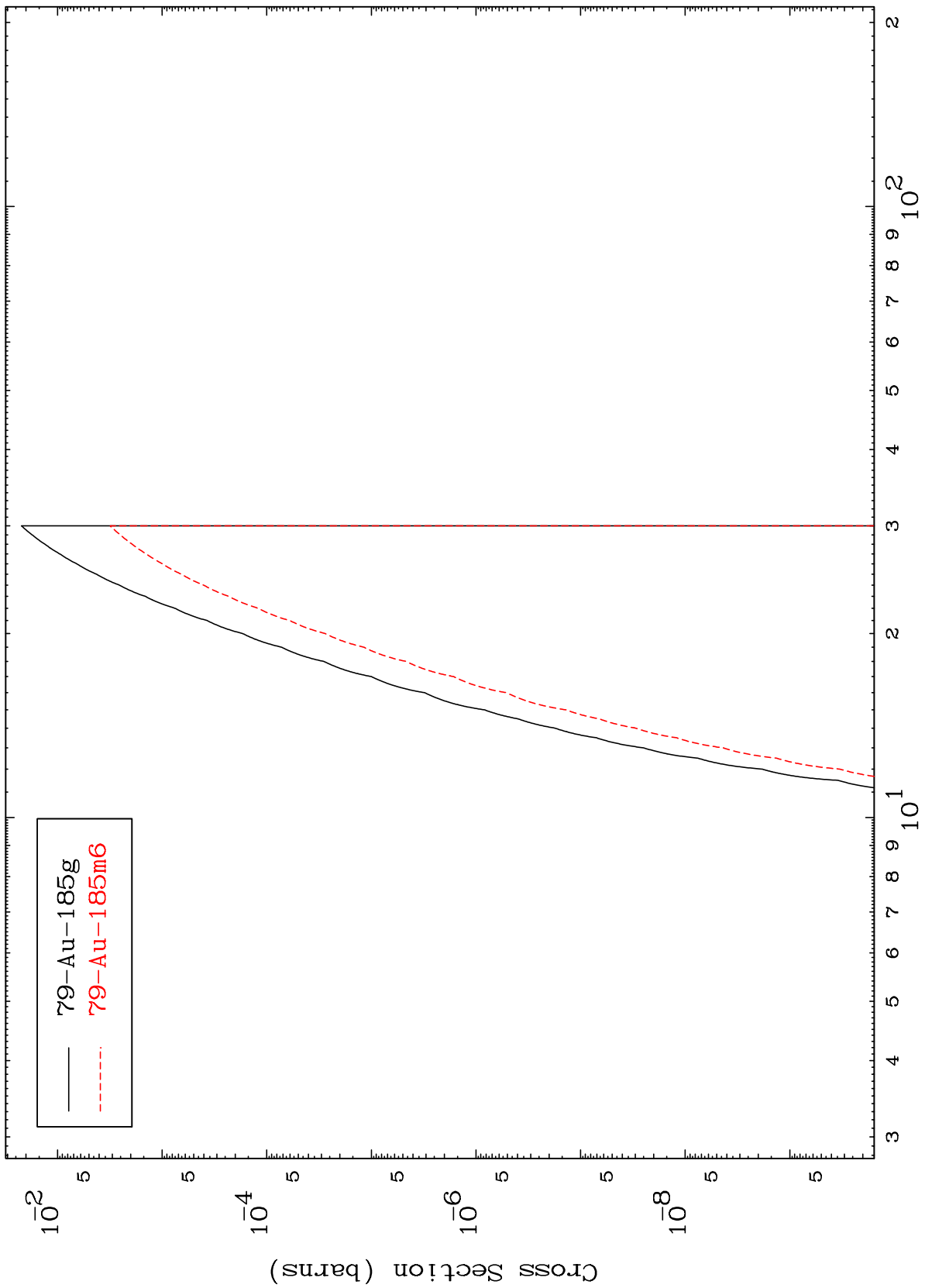


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(n,2n)  $\alpha$

81-Tl-190m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

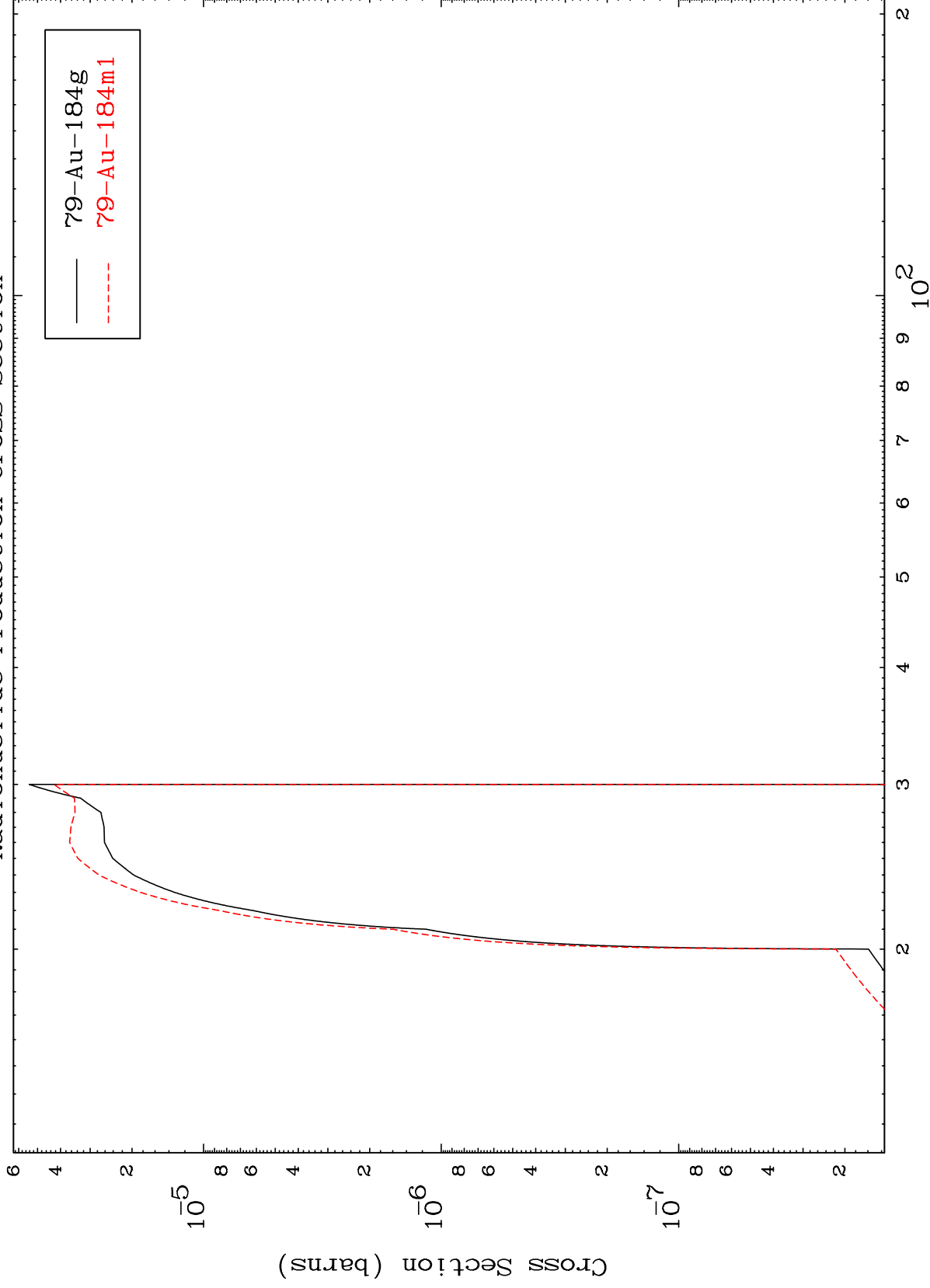
81-Tl-190m

MAT 8087

(n,3n)  $\alpha$

81-Tl-190m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

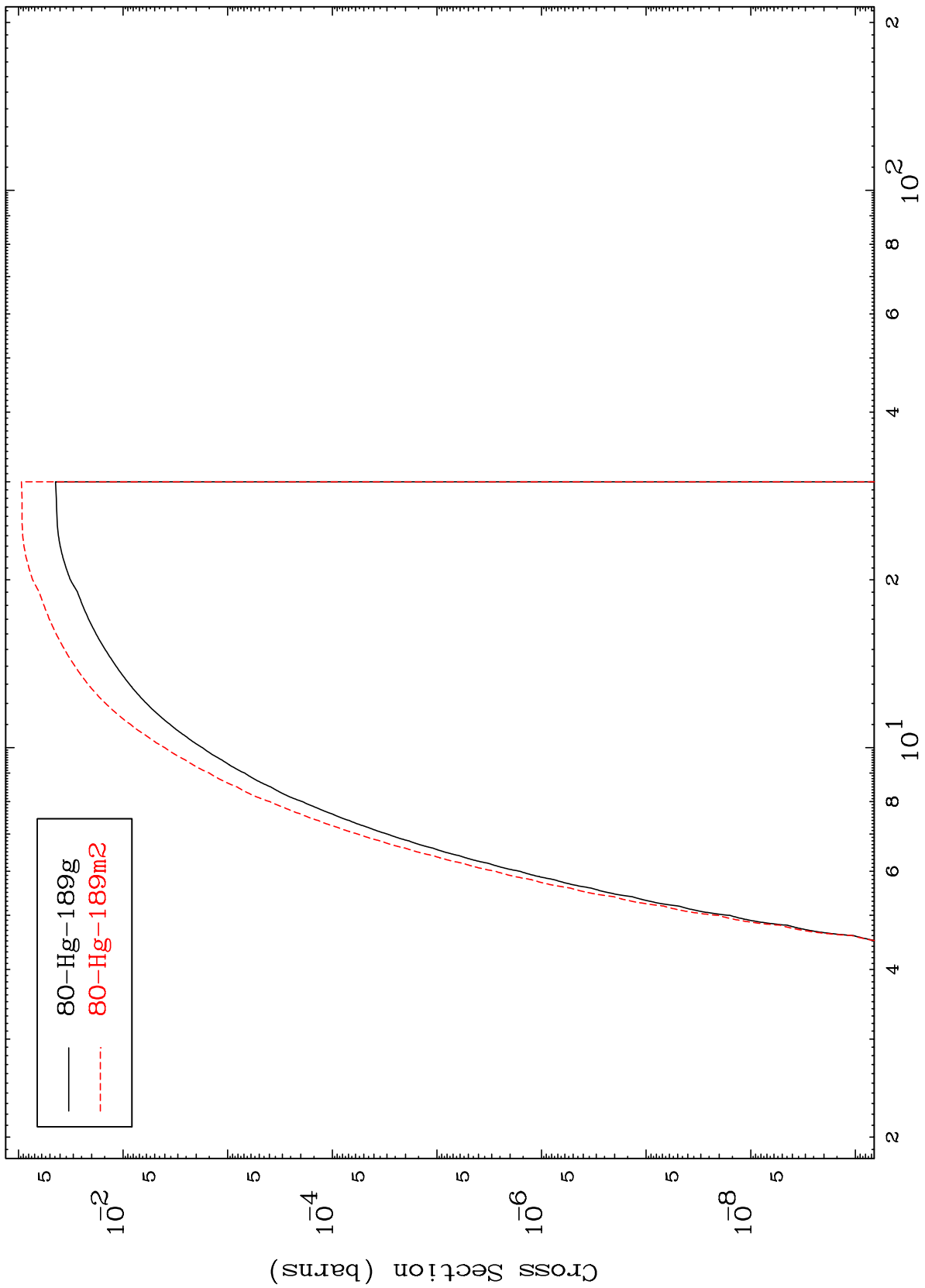
81-Tl-190m

MAT 8087

(n,n') p

81-Tl-190m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

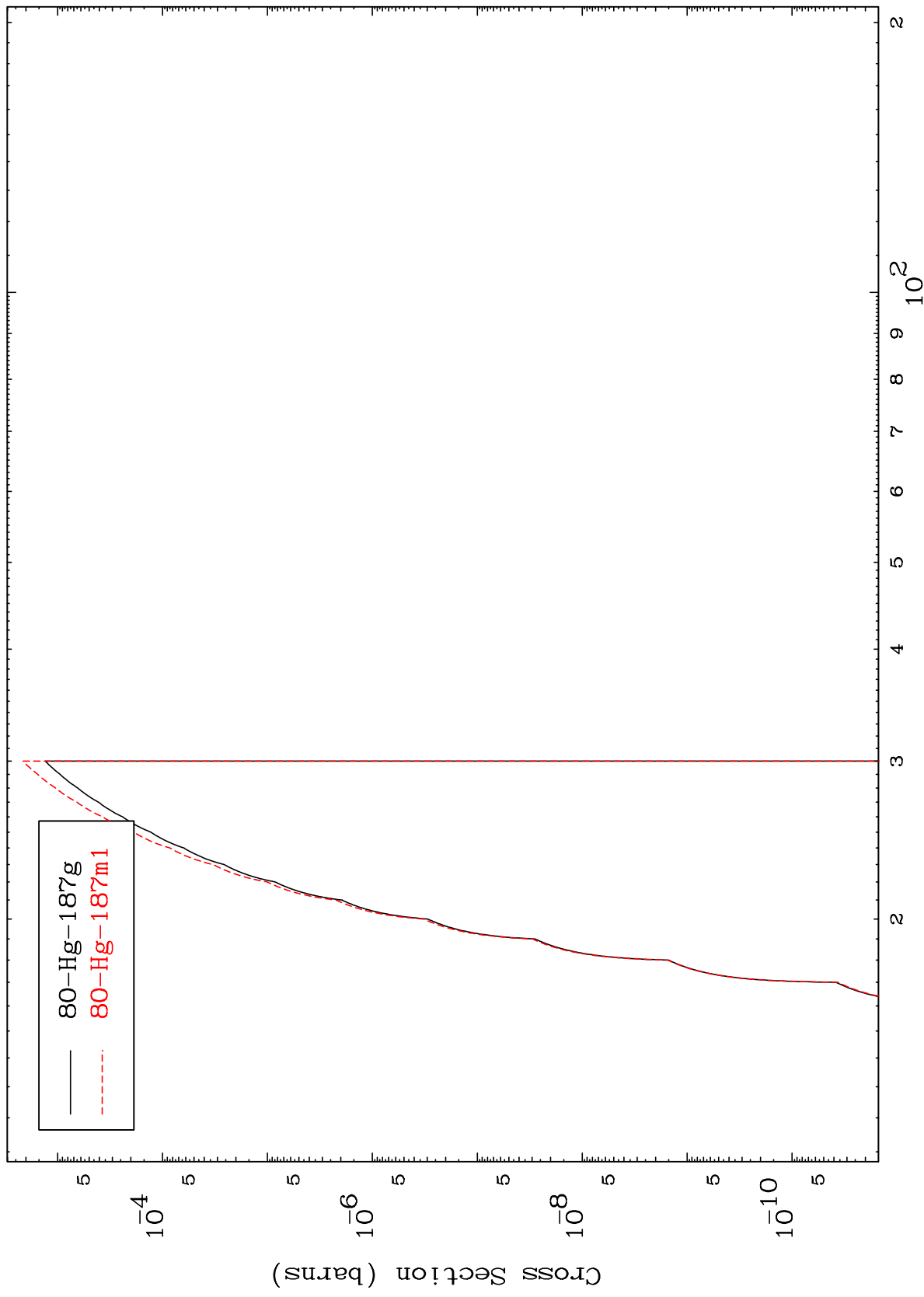
81-Tl-190m

MAT 8087

(n,n') t

81-Tl-190m

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-190m

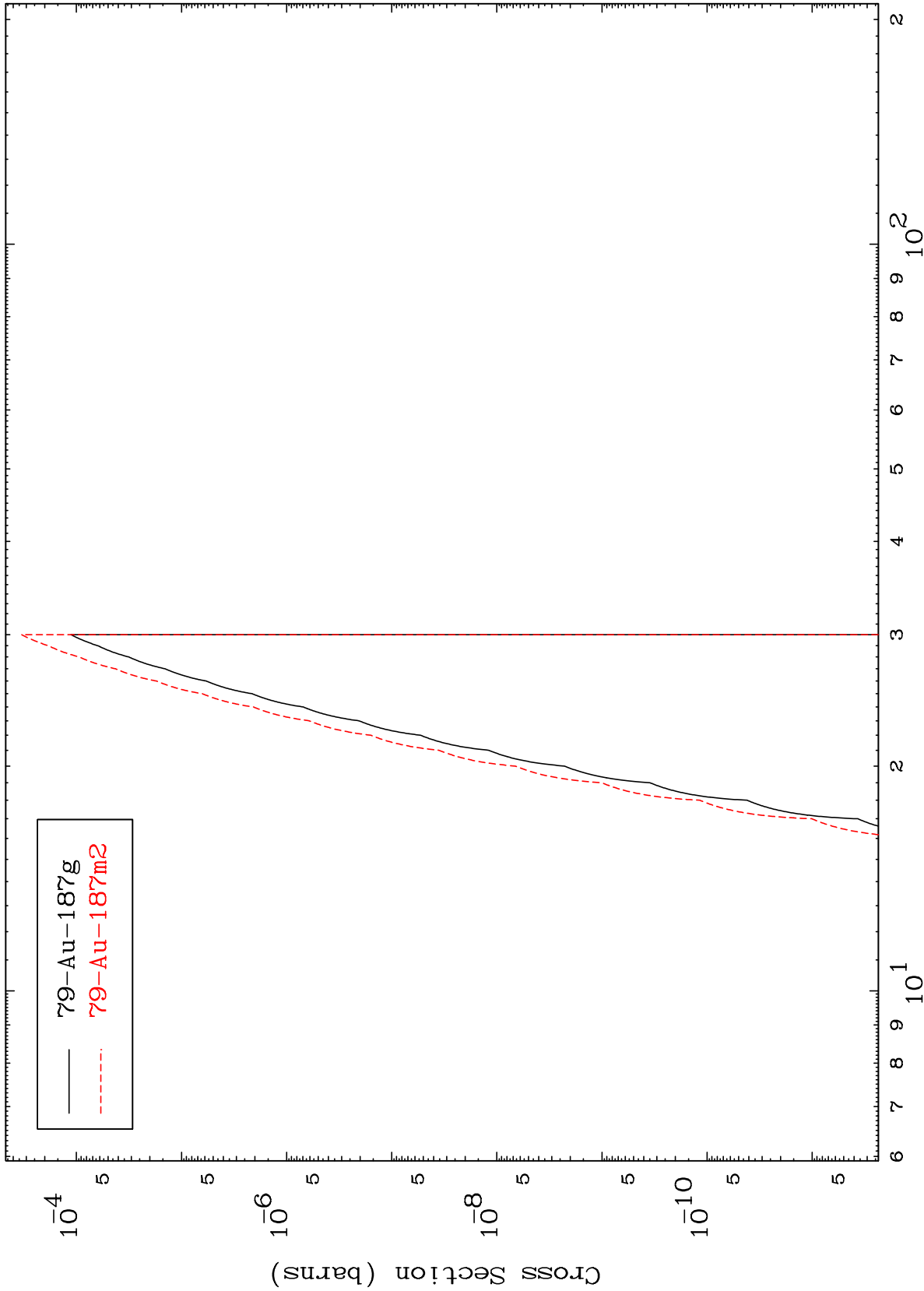
27

MAT 8087

(n,n') He-3

81-Tl-190m

Radionuclide Production Cross Section



28

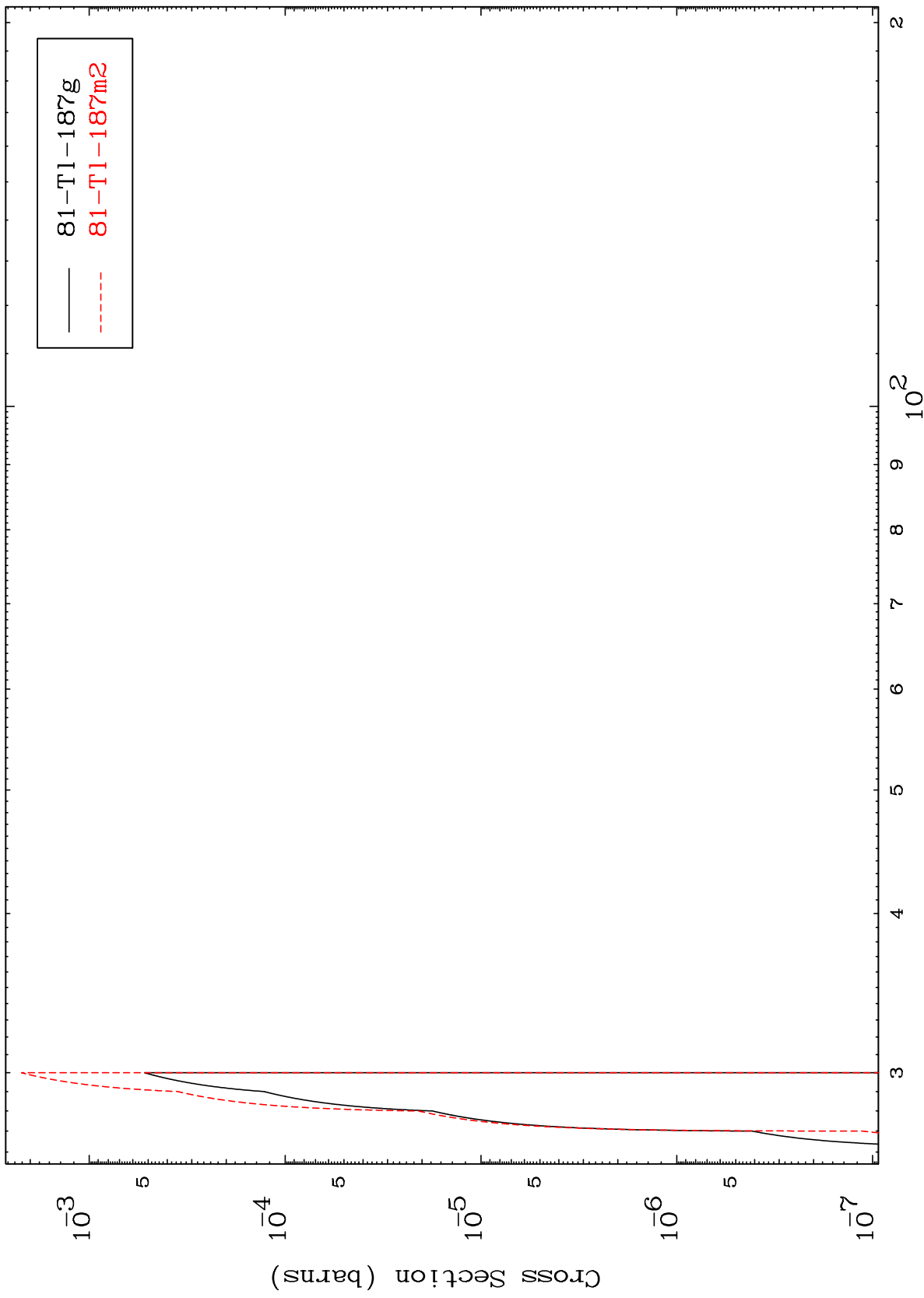
Incident Energy (MeV)

81-Tl-190m

MAT 8087

81-Tl-190m

(n,4n)  
Radionuclide Production Cross Section



29

Incident Energy (MeV)

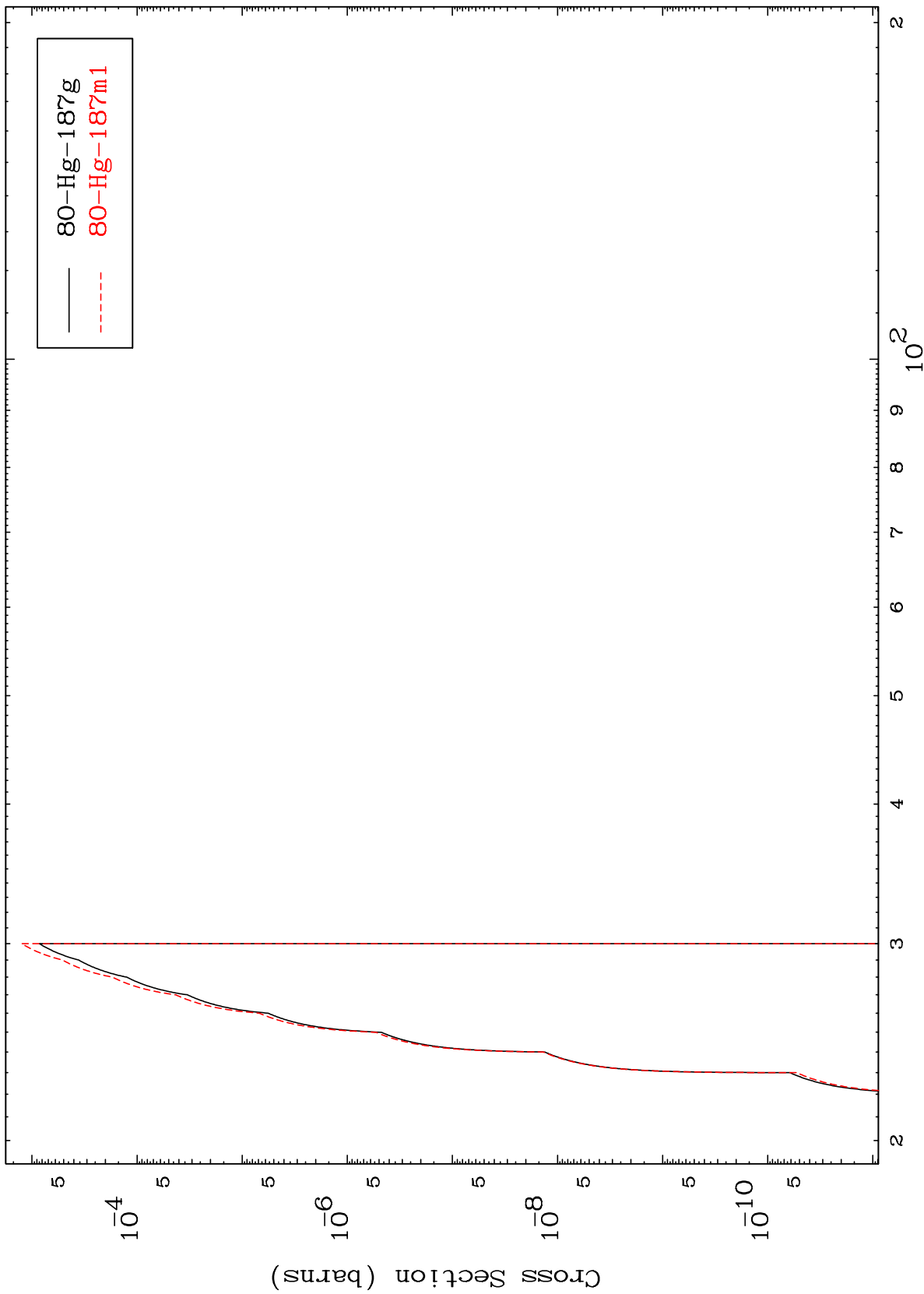
81-Tl-190m

MAT 8087

(n,3n) p

81-Tl-190m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

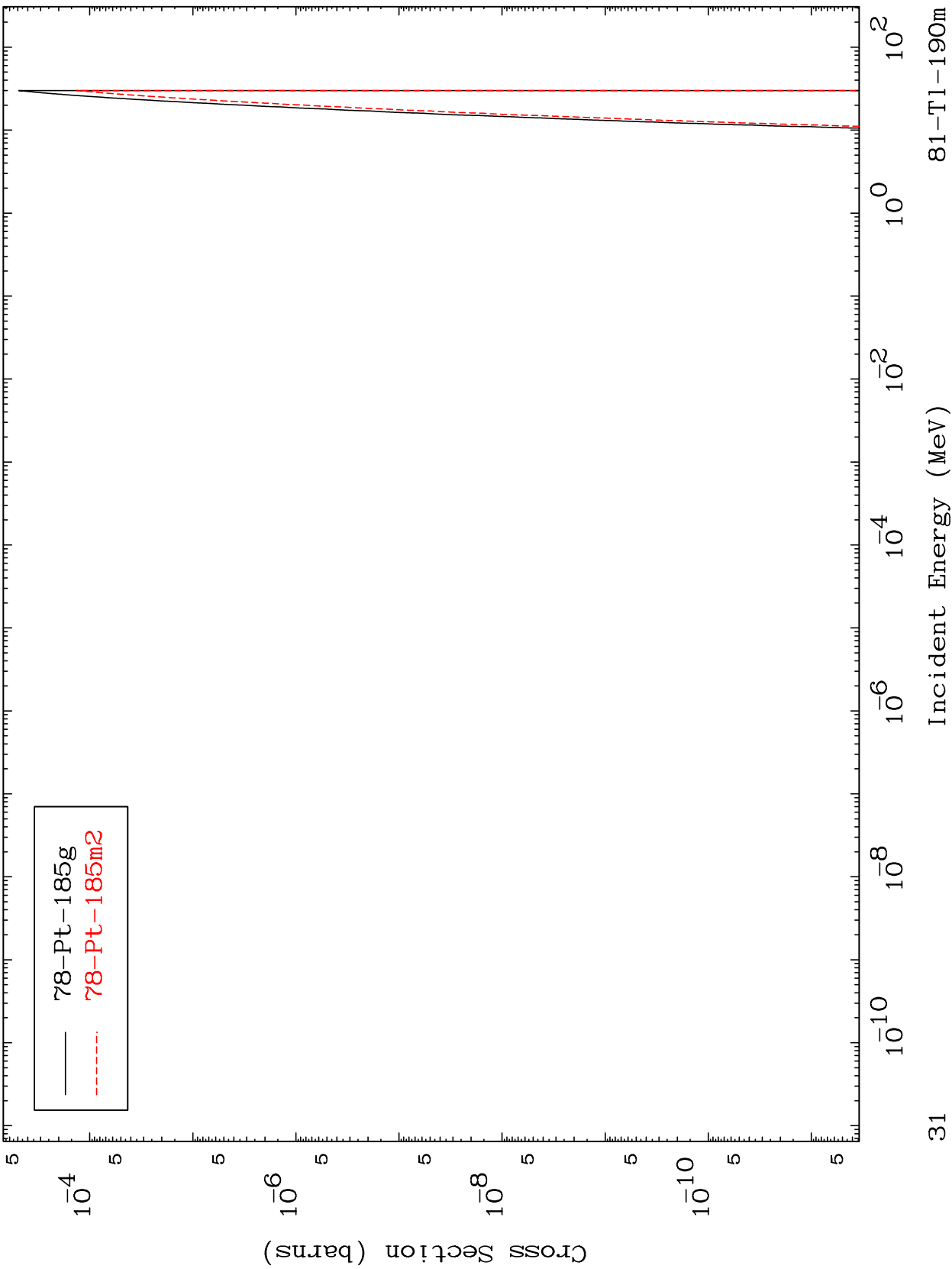
81-Tl-190m

MAT 8087

(n,n') p  $\alpha$

81-Tl-190m

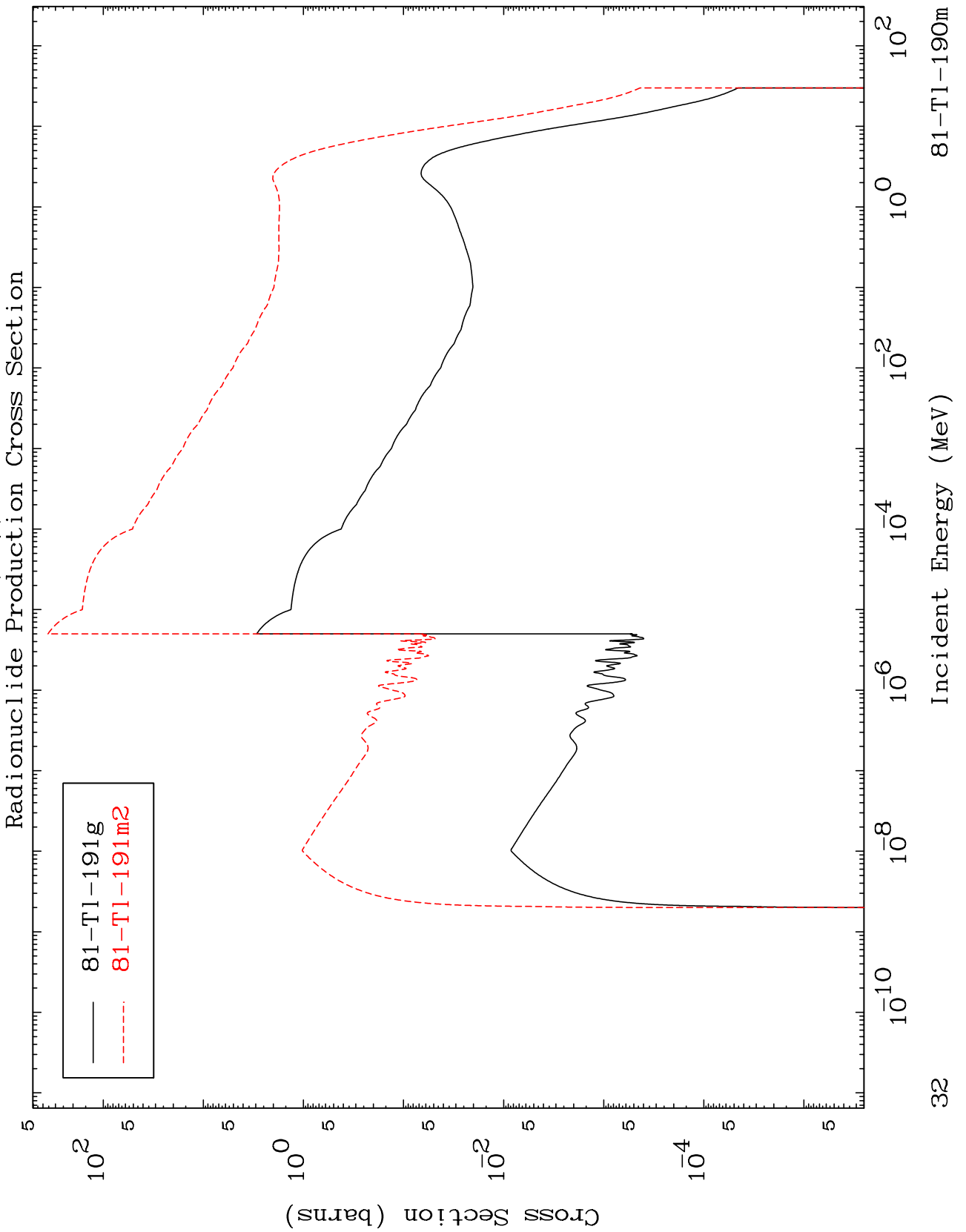
Radionuclide Production Cross Section





MAT 8087

81-Tl-190m

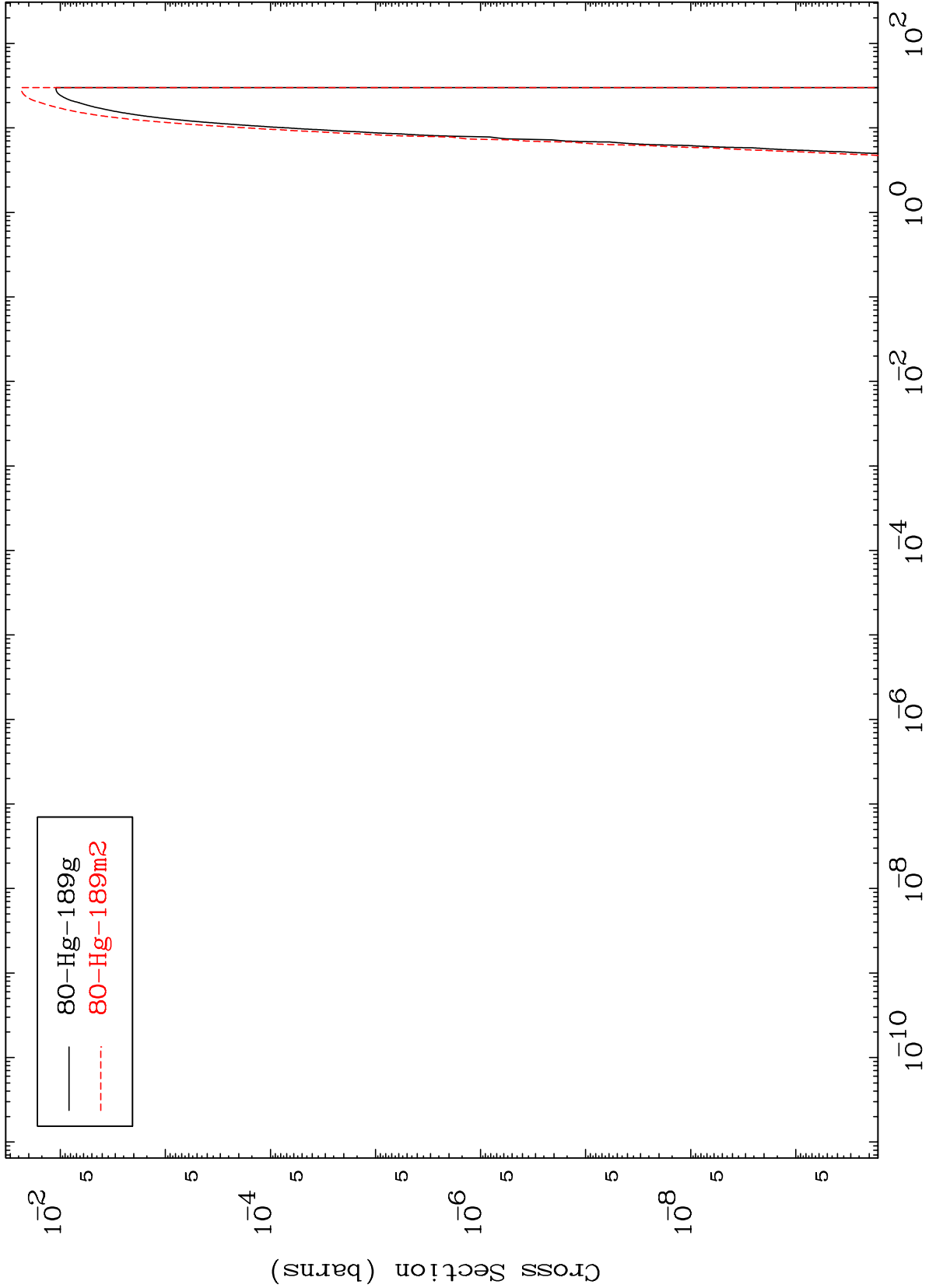


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(n,d)

81-Tl-190m

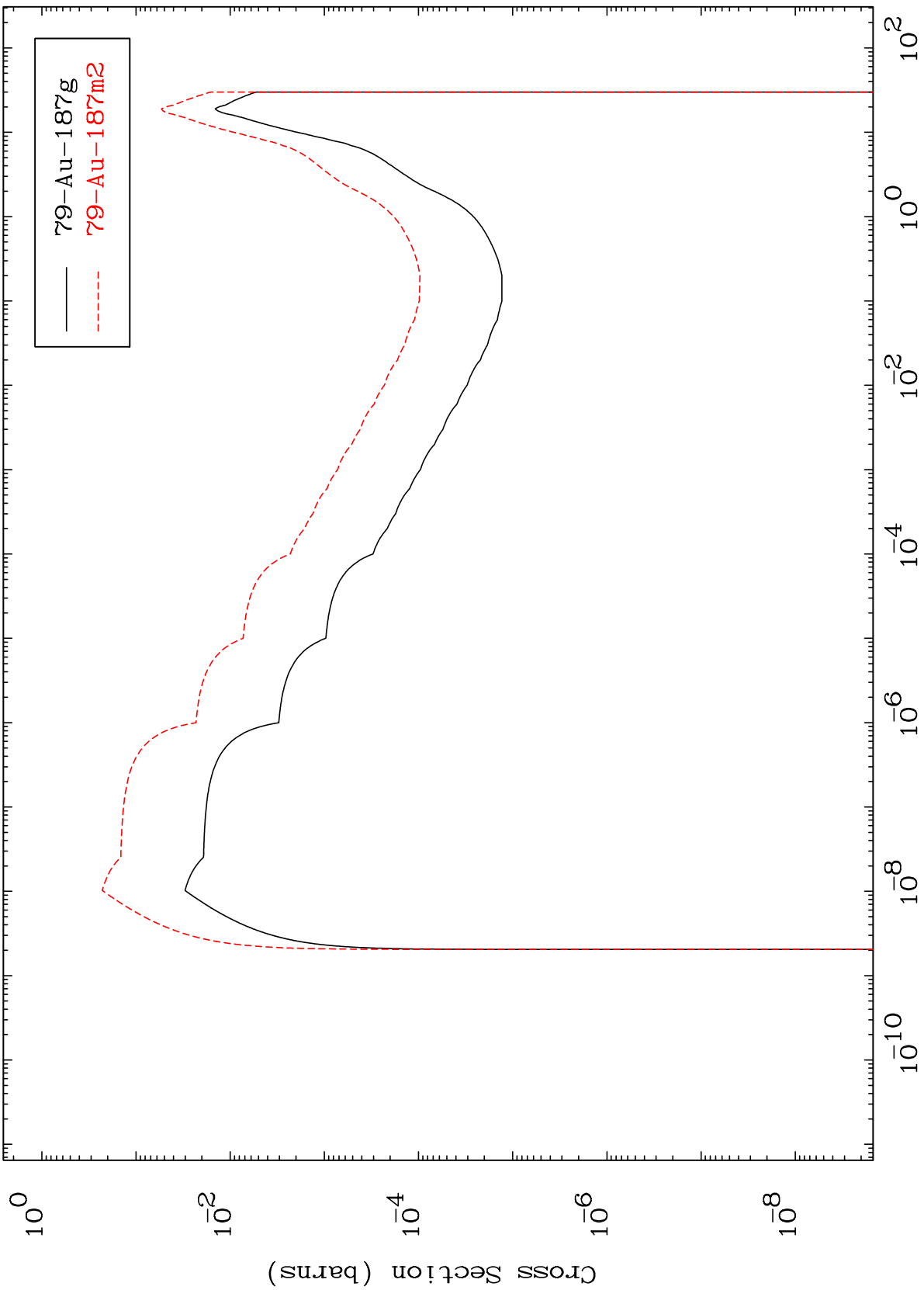
Radionuclide Production Cross Section



MAT 8087

81-Tl-190m

$(n, \alpha)$   
Radionuclide Production Cross Section

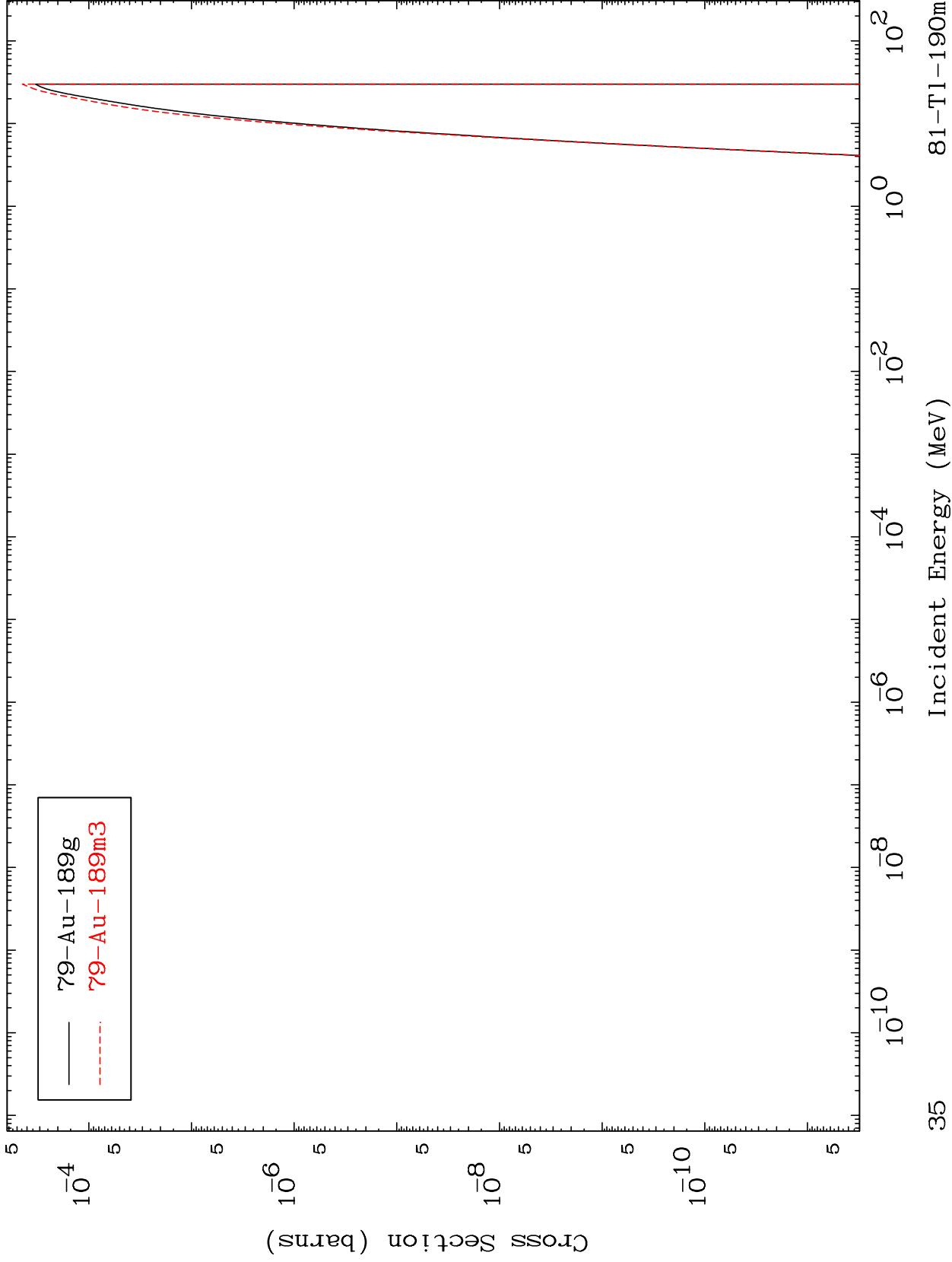


MAT 8087

(n,2p)

81-Tl-190m

Radionuclide Production Cross Section

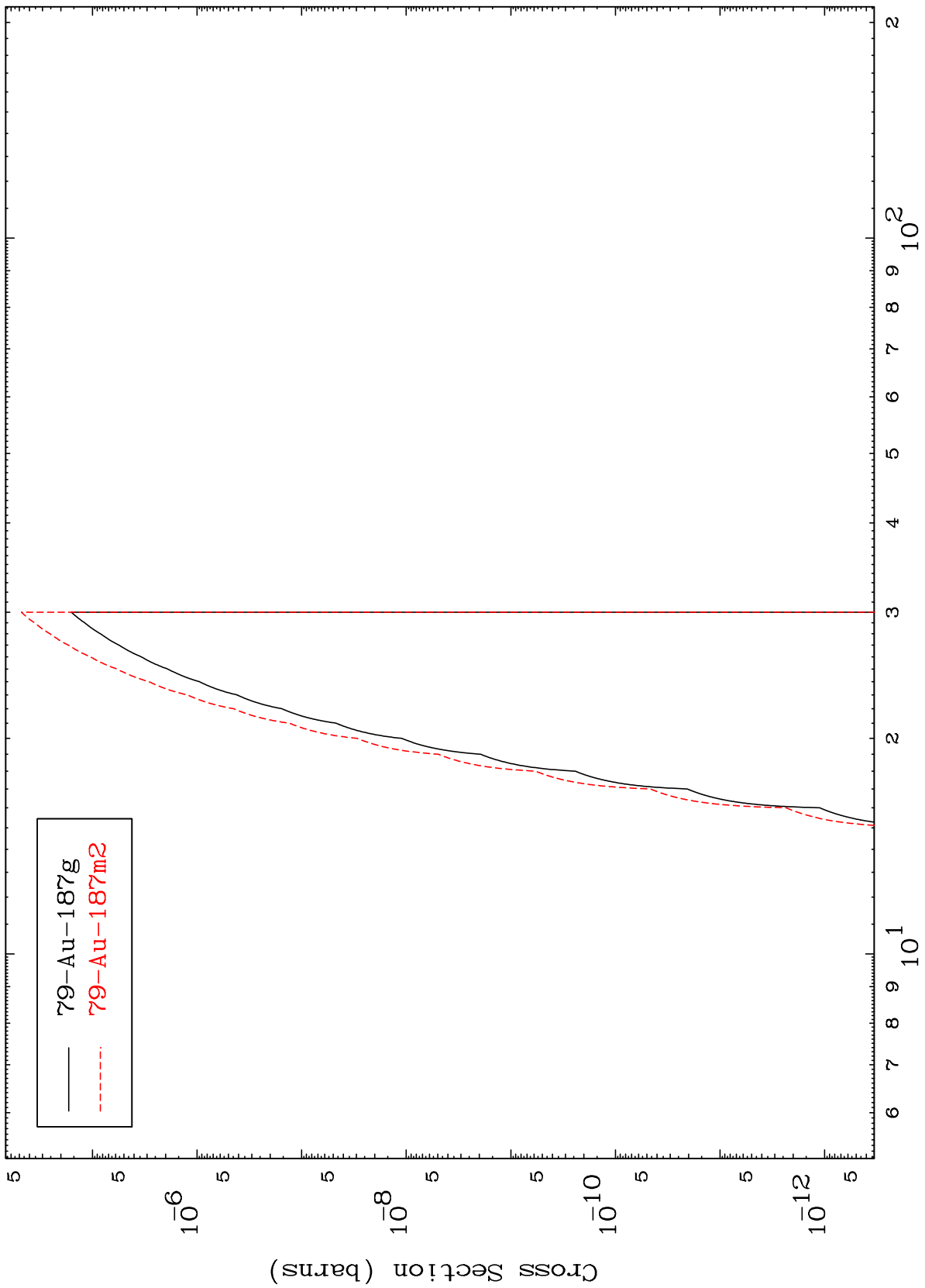


MAT 8087

(n,p) t

81-Tl-190m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

81-Tl-190m

MAT 8087

(n,d)  $\alpha$

81-Tl-190m

Radionuclide Production Cross Section

