

Program EVALPLOT  
(Version 2021-1)

by

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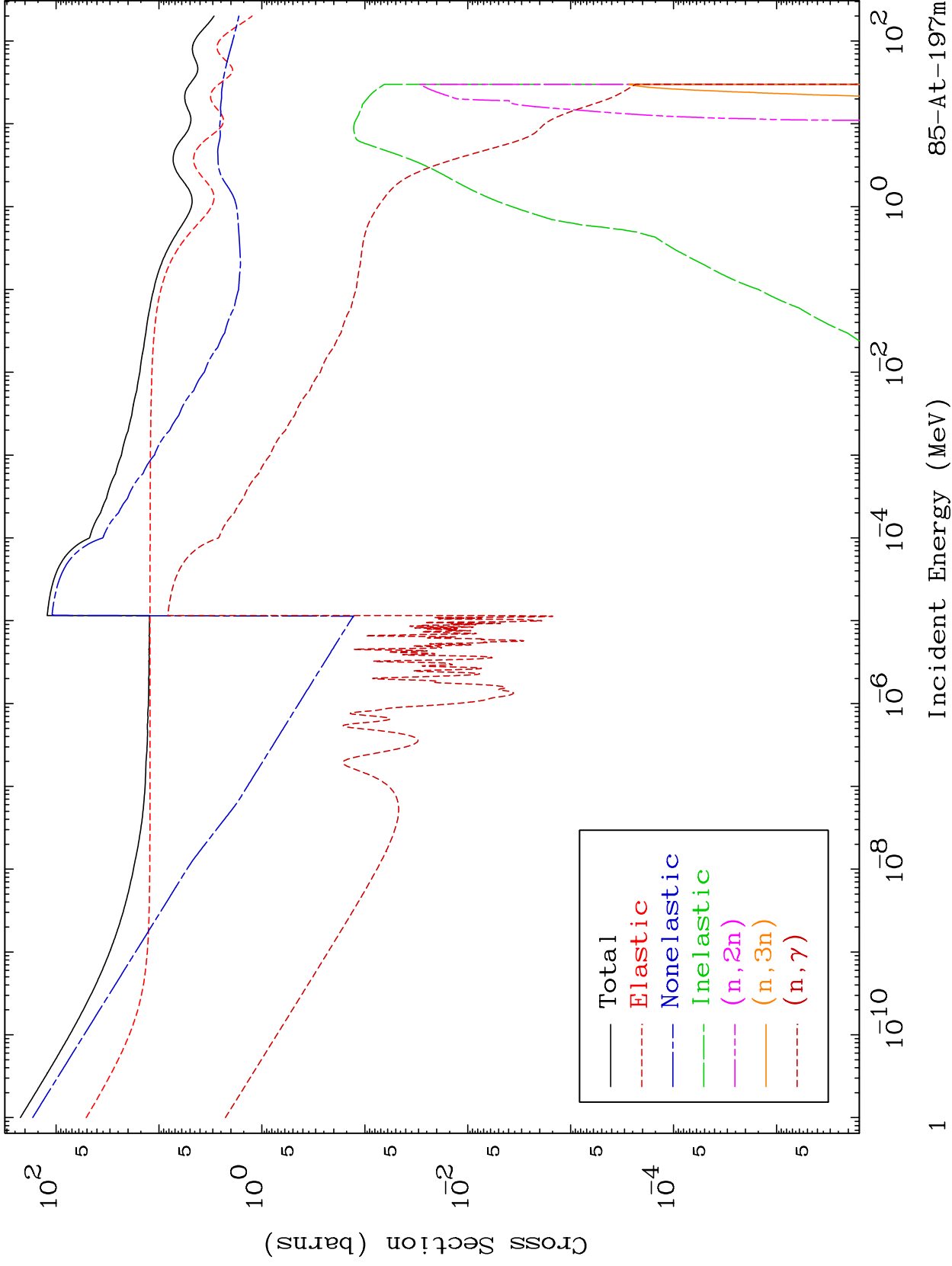
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8508

Neutron Major  
293 Kelvin Cross Sections

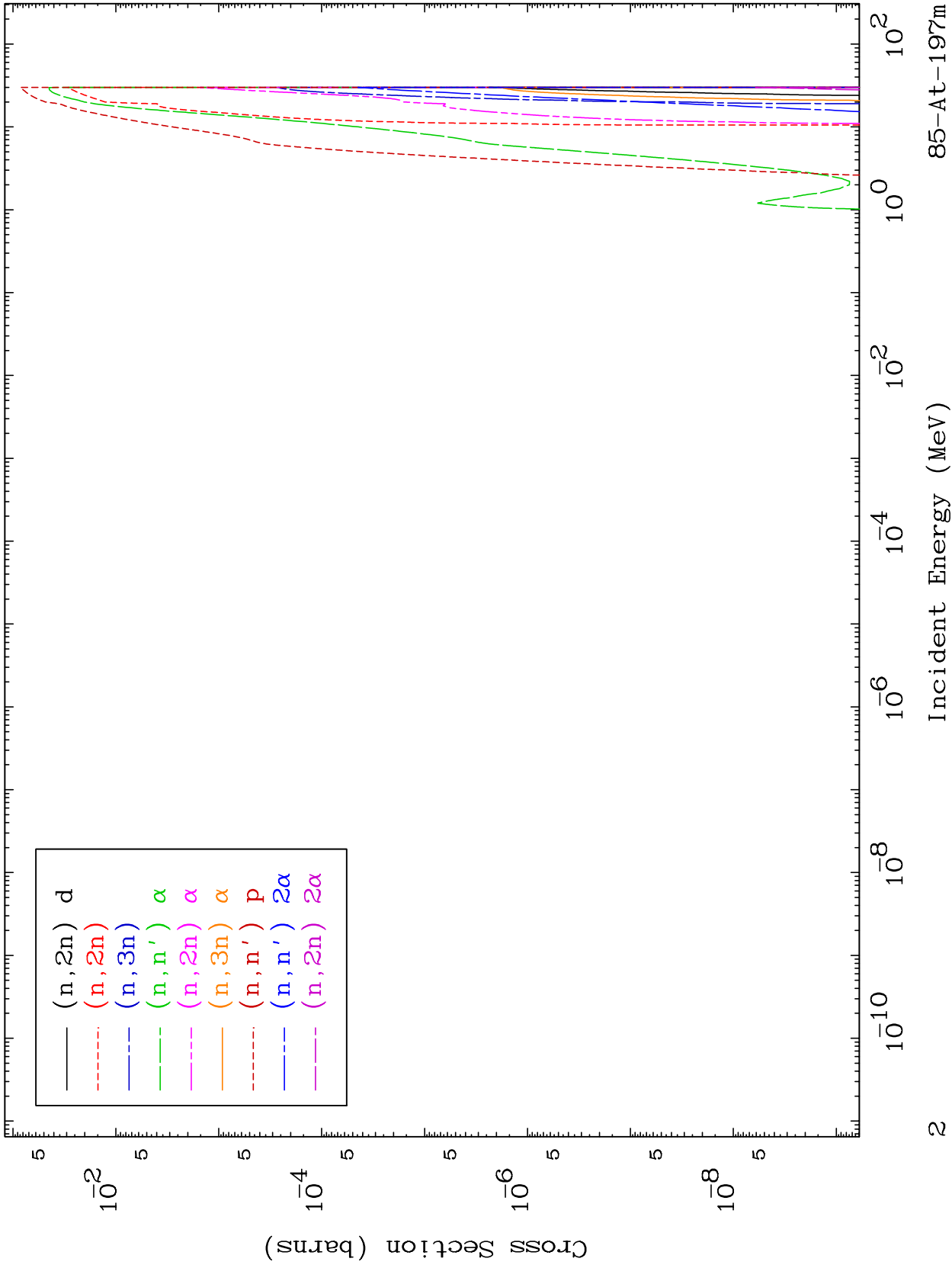
85-At-197m



MAT 8508

Neutron Absorption  
293 Kelvin Cross Sections

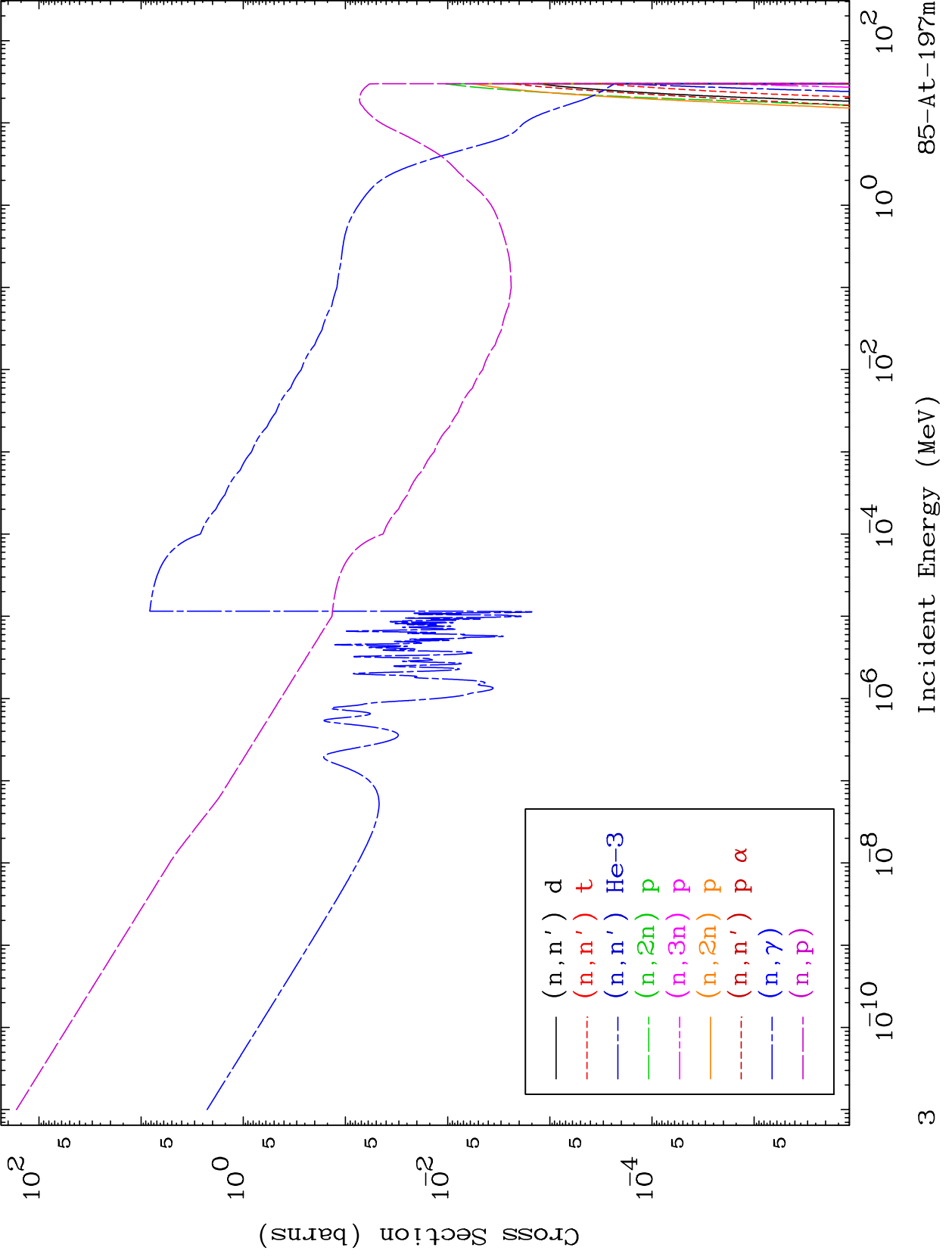
85-At-197m



MAT 8508

Neutron Absorption  
293 Kelvin Cross Sections

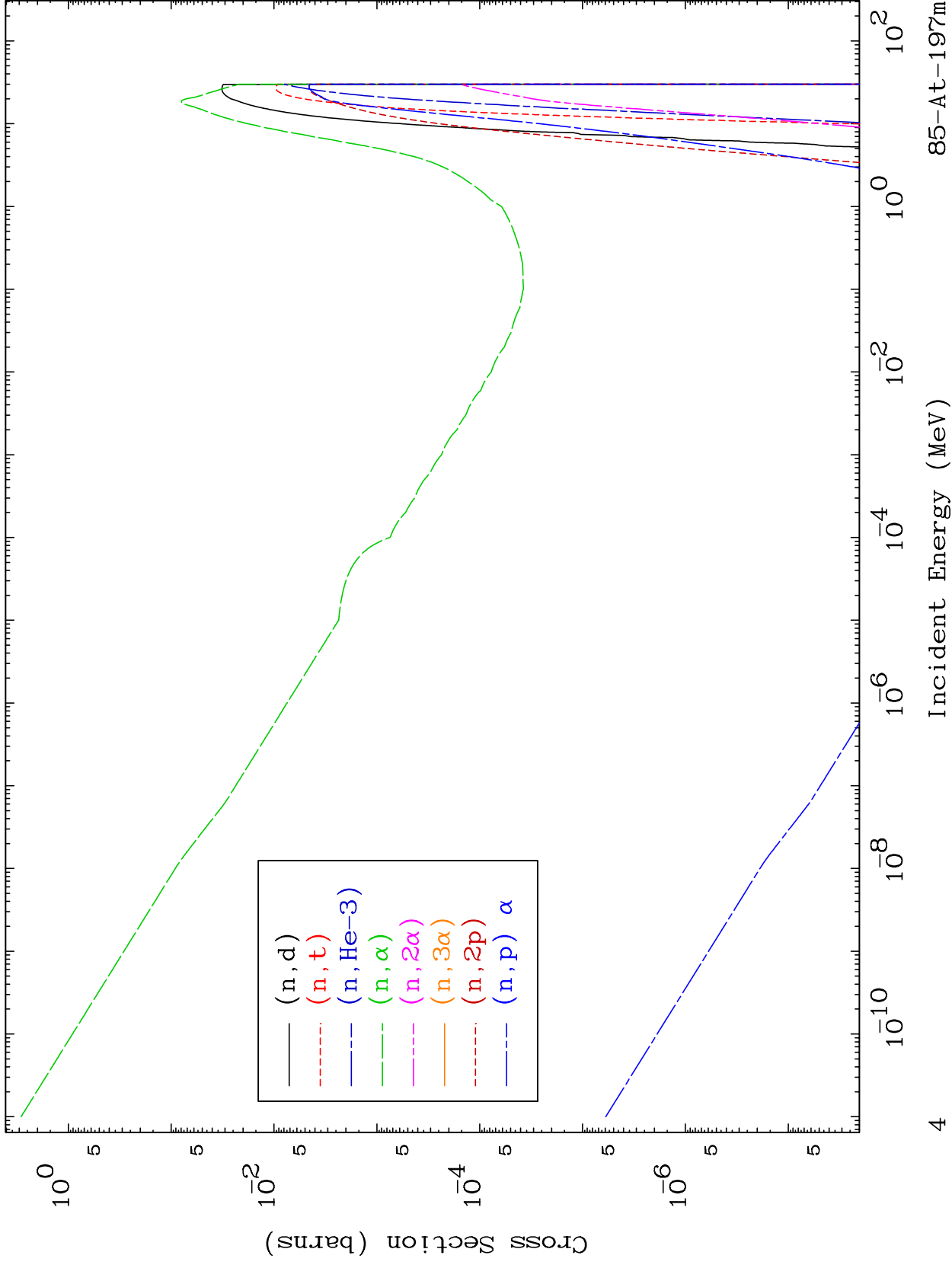
85-At-197m



MAT 8508

Neutron Absorption  
293 Kelvin Cross Sections

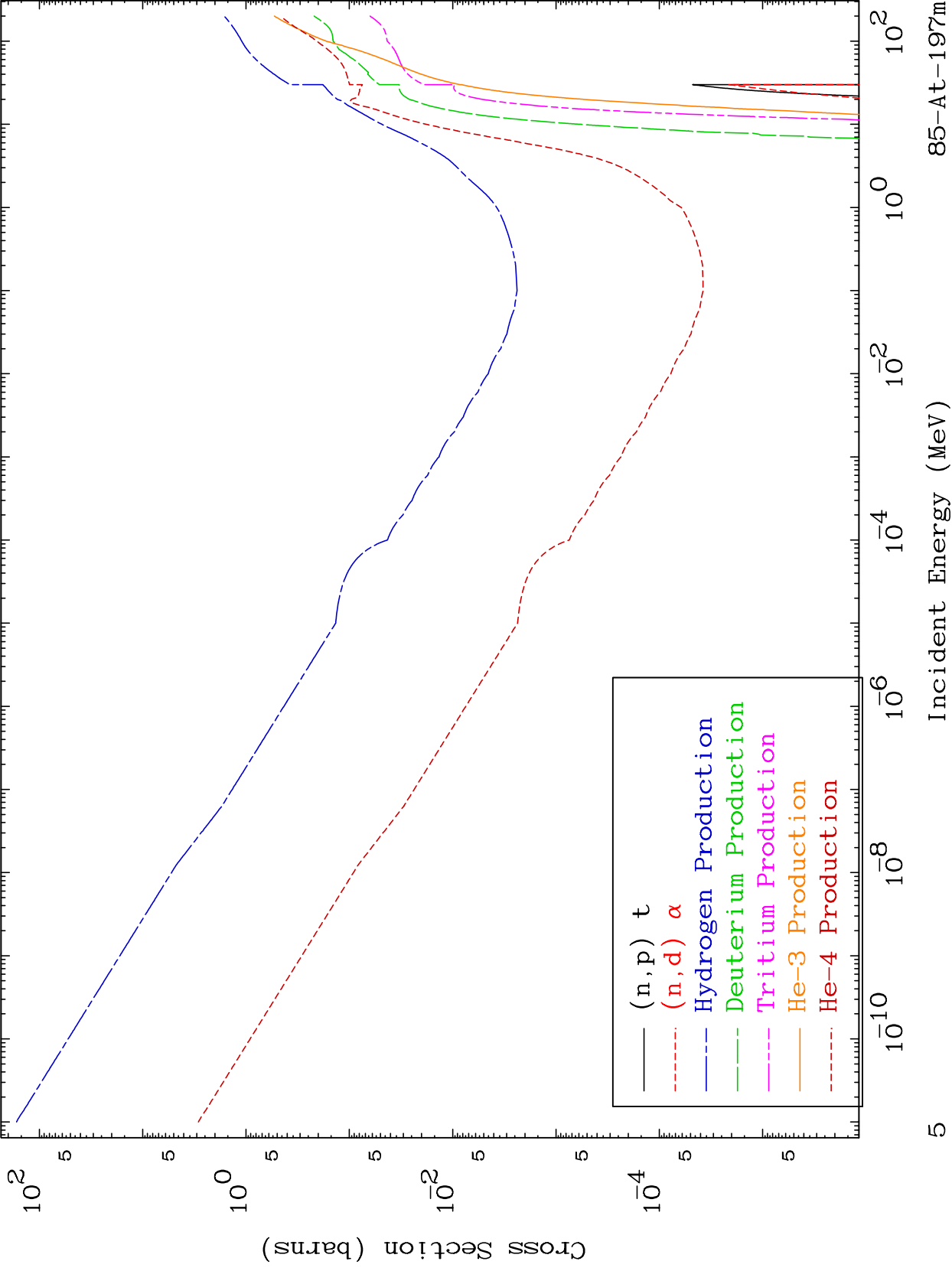
85-At-197m



MAT 8508

Neutron Absorption  
293 Kelvin Cross Sections

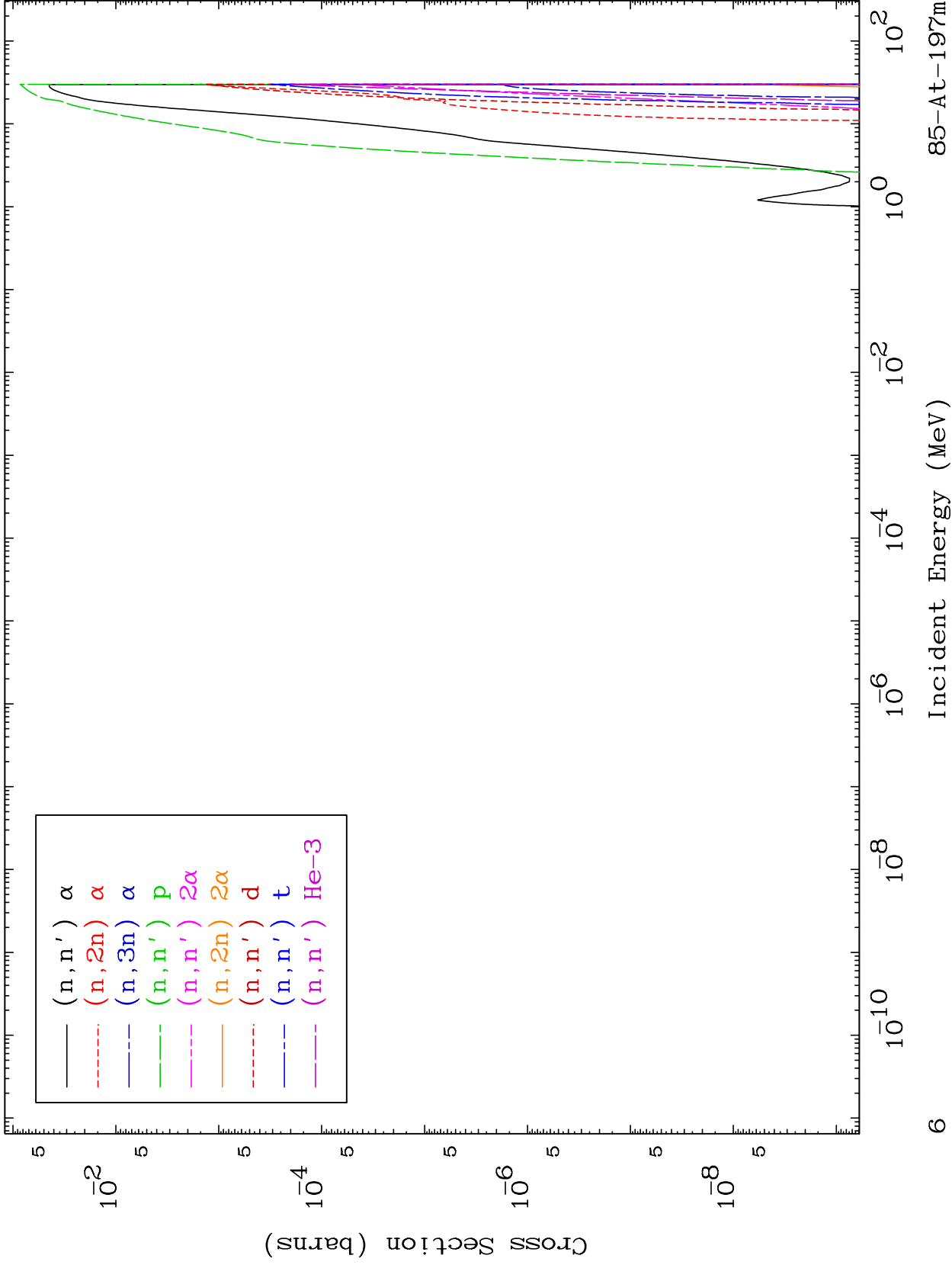
85-At-197m



MAT 8508

Charged Particle  
293 Kelvin Cross Sections

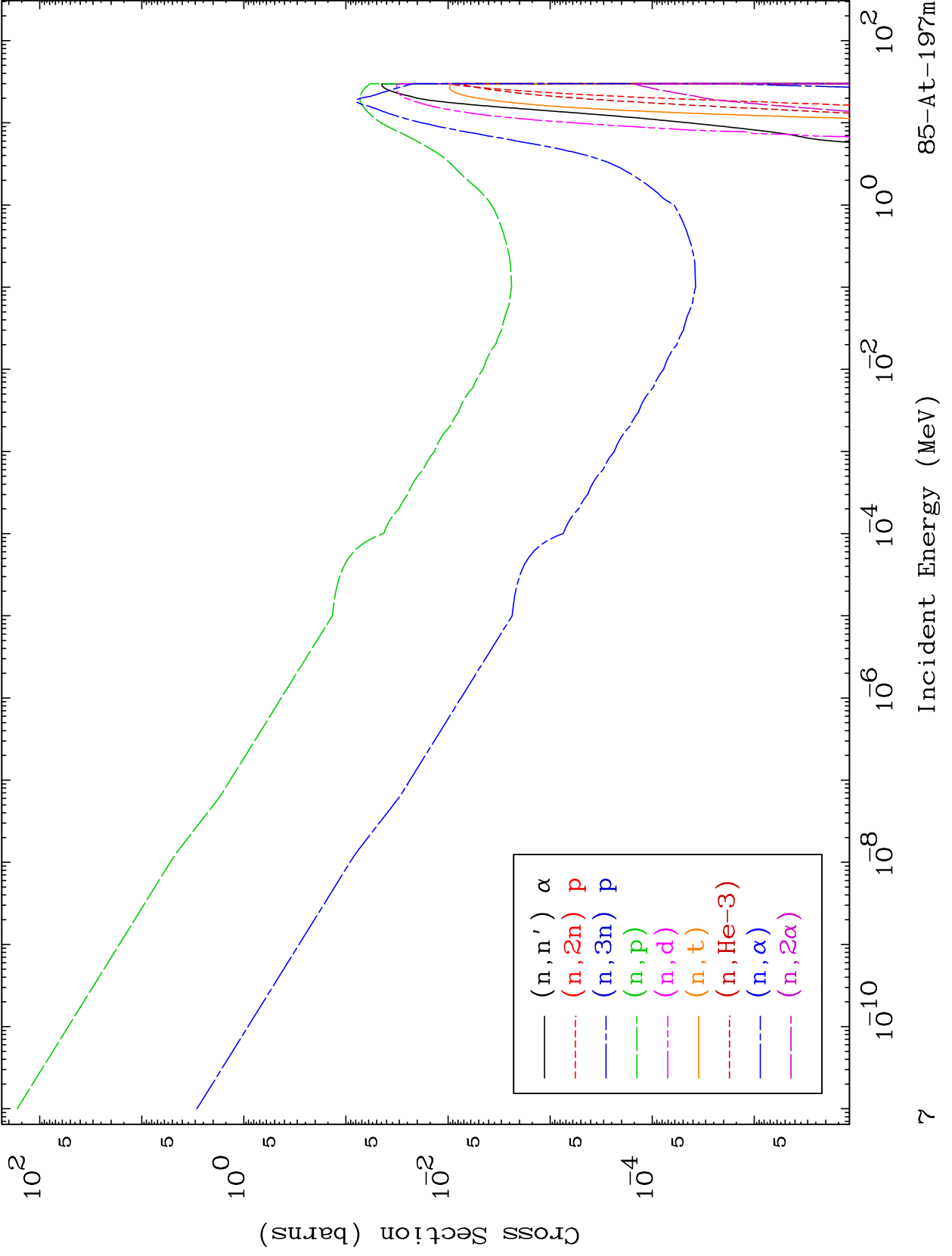
85-At-197m



MAT 8508

Charged Particle  
293 Kelvin Cross Sections

85-At-197m

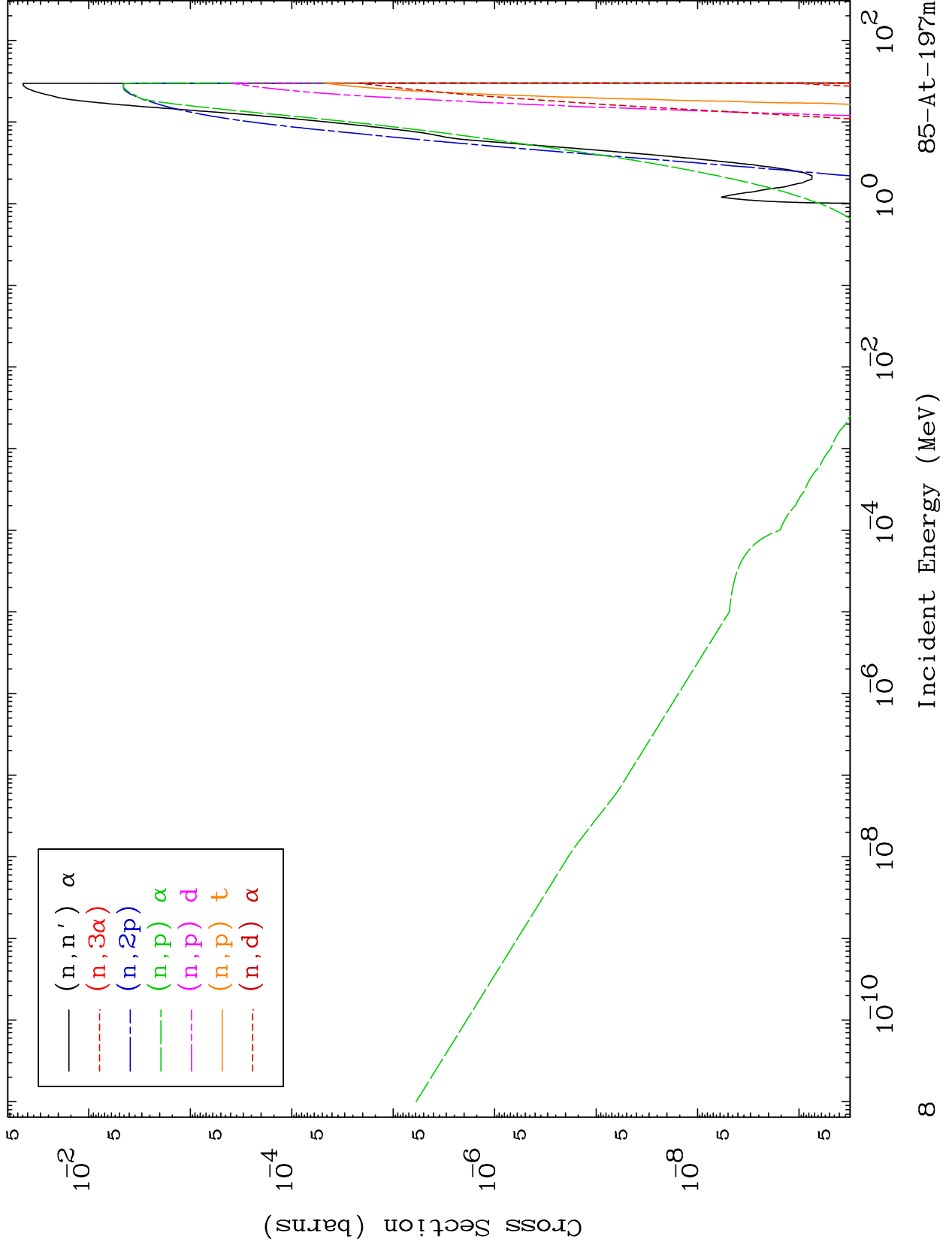




MAT 8508

Charged Particle  
293 Kelvin Cross Sections

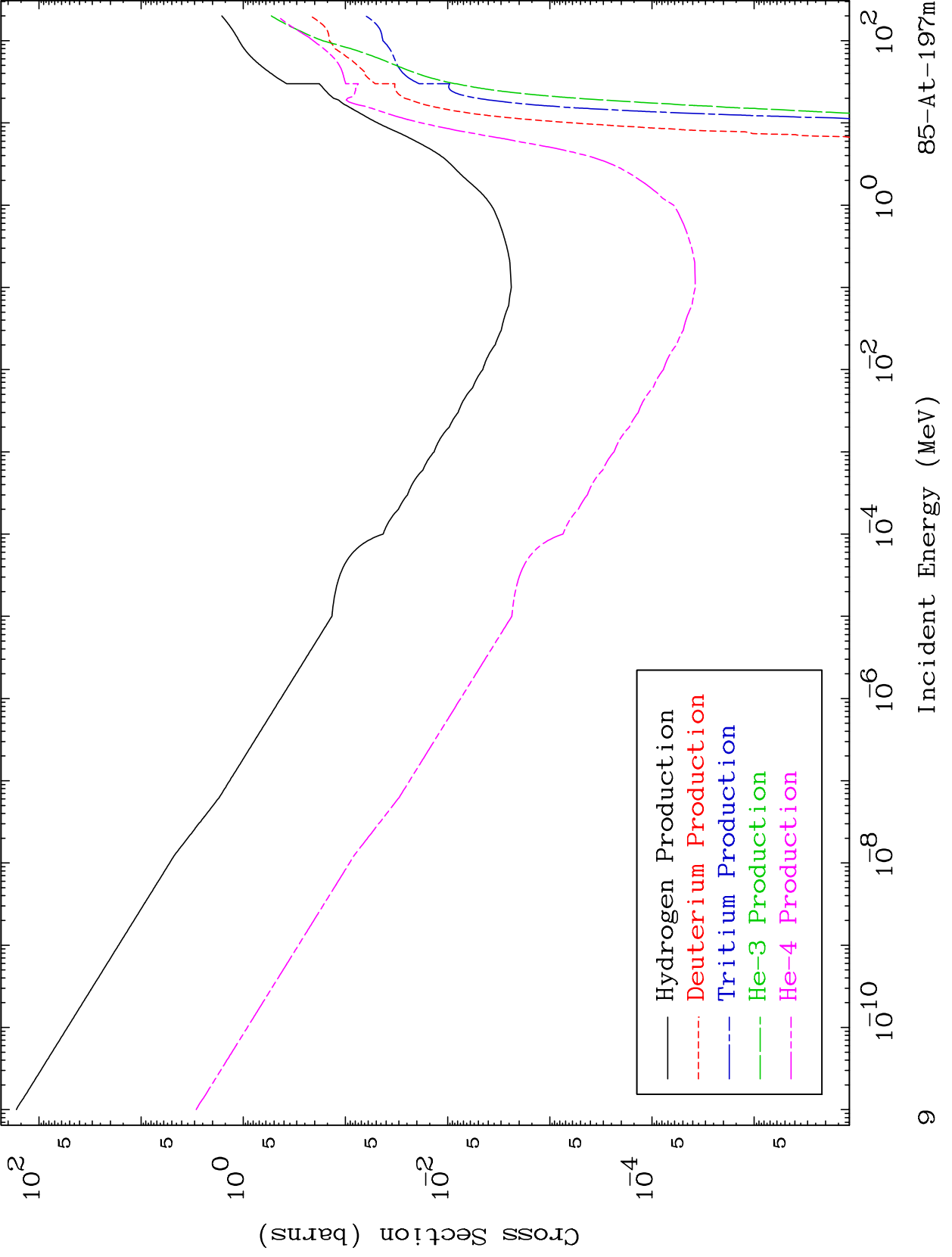
85-At-197m



MAT 8508

Particle Production  
293 Kelvin Cross Sections

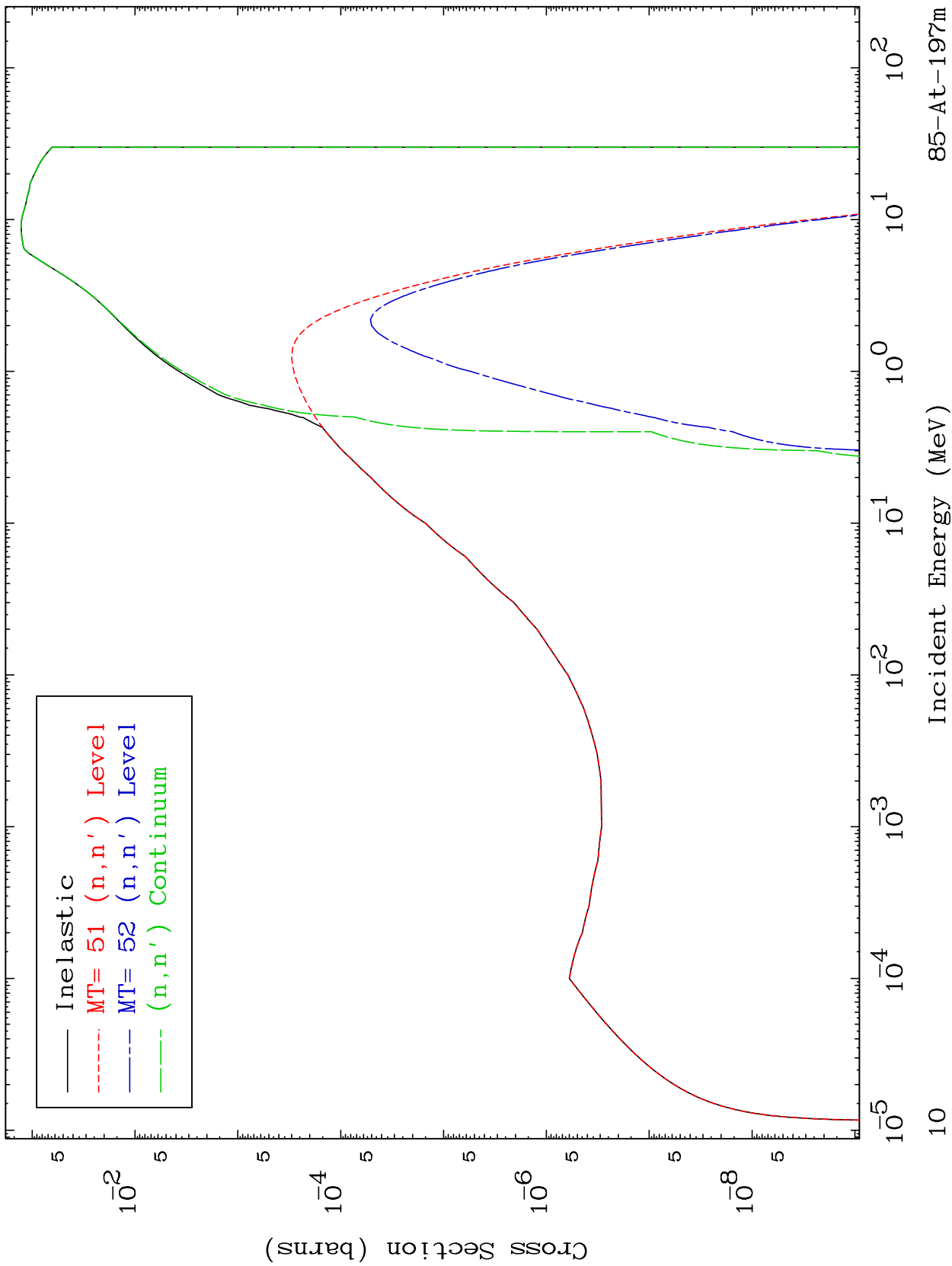
85-At-197m



MAT 8508

(n,n') Levels  
293 Kelvin Cross Sections

85-At-197m



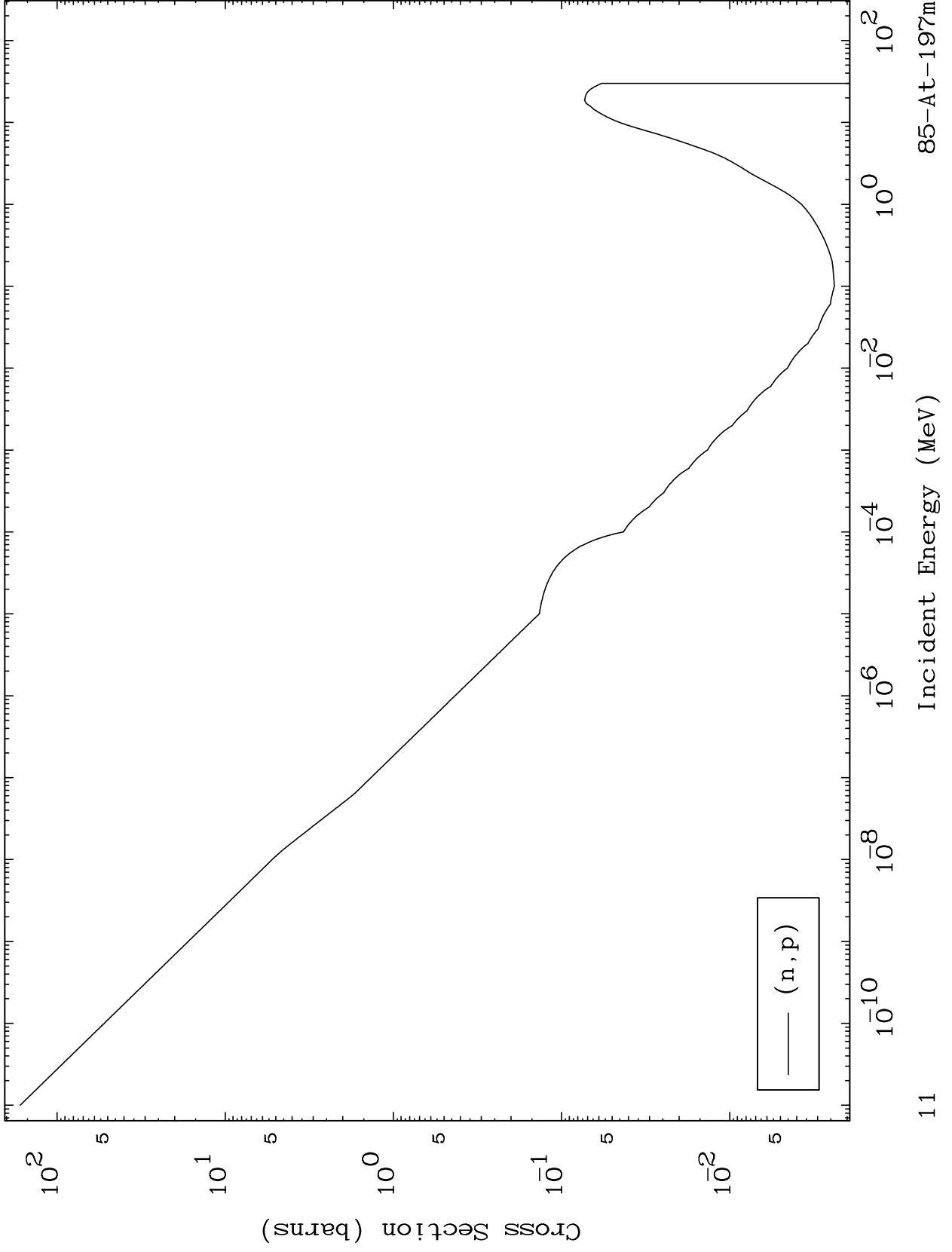
85-At-197m

Incident Energy (MeV)

MAT 8508

(n,p) Levels  
293 Kelvin Cross Sections

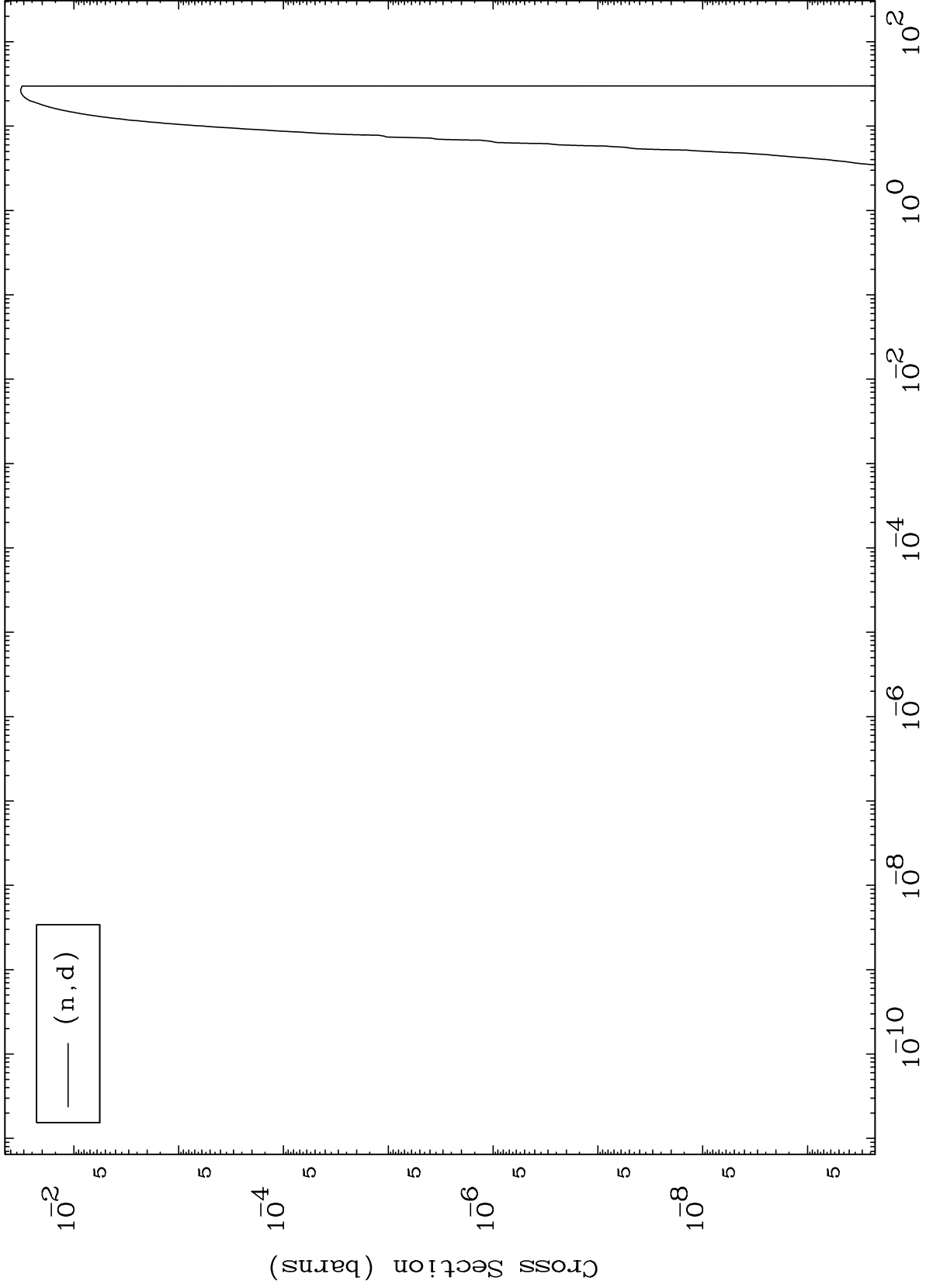
85-At-197m



MAT 8508

(n,d) Levels  
293 Kelvin Cross Sections

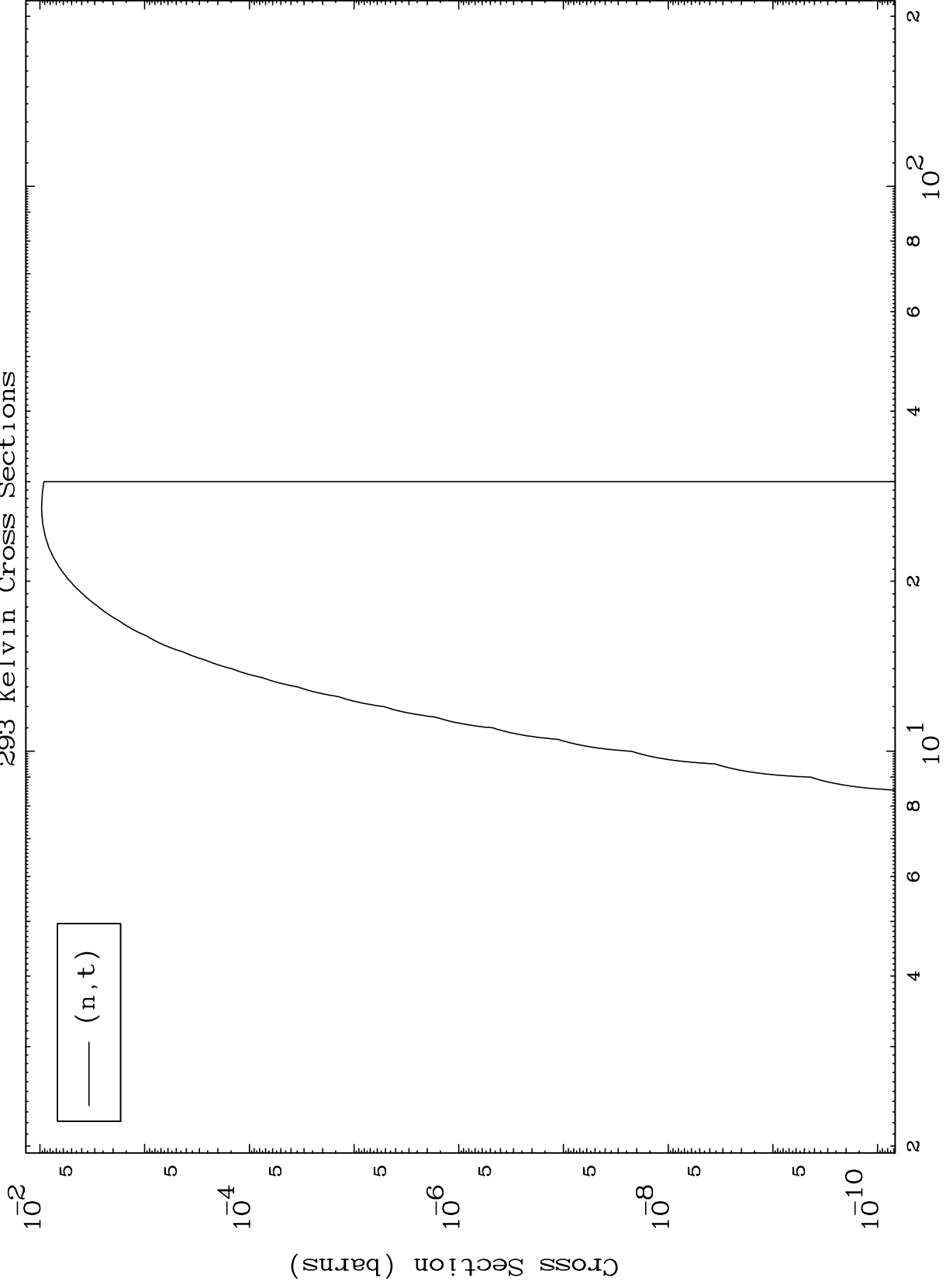
85-At-197m



MAT 8508

(n,t) Levels  
293 Kelvin Cross Sections

85-At-197m



13

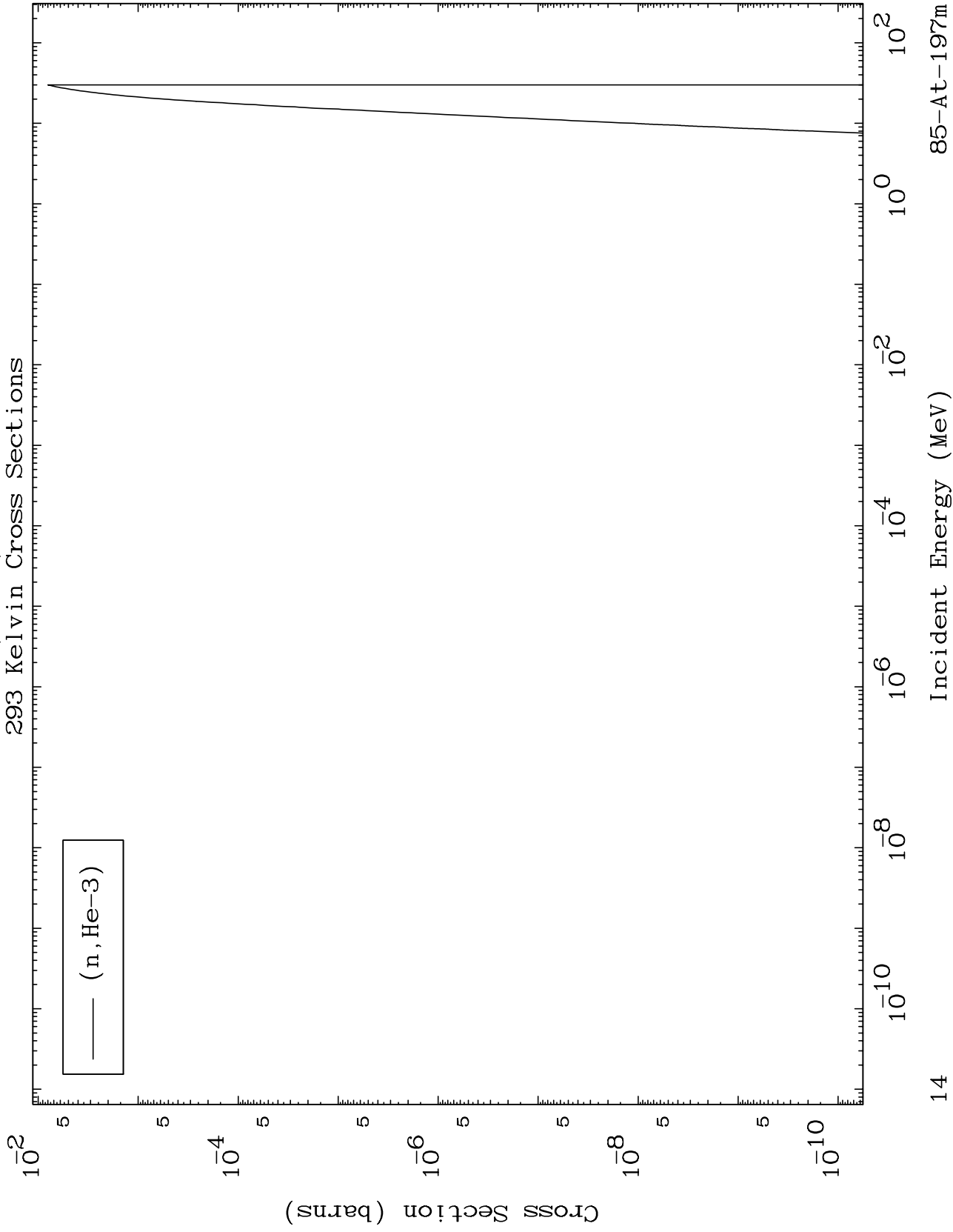
Incident Energy (MeV)

85-At-197m

MAT 8508

(n,He3) Levels  
293 Kelvin Cross Sections

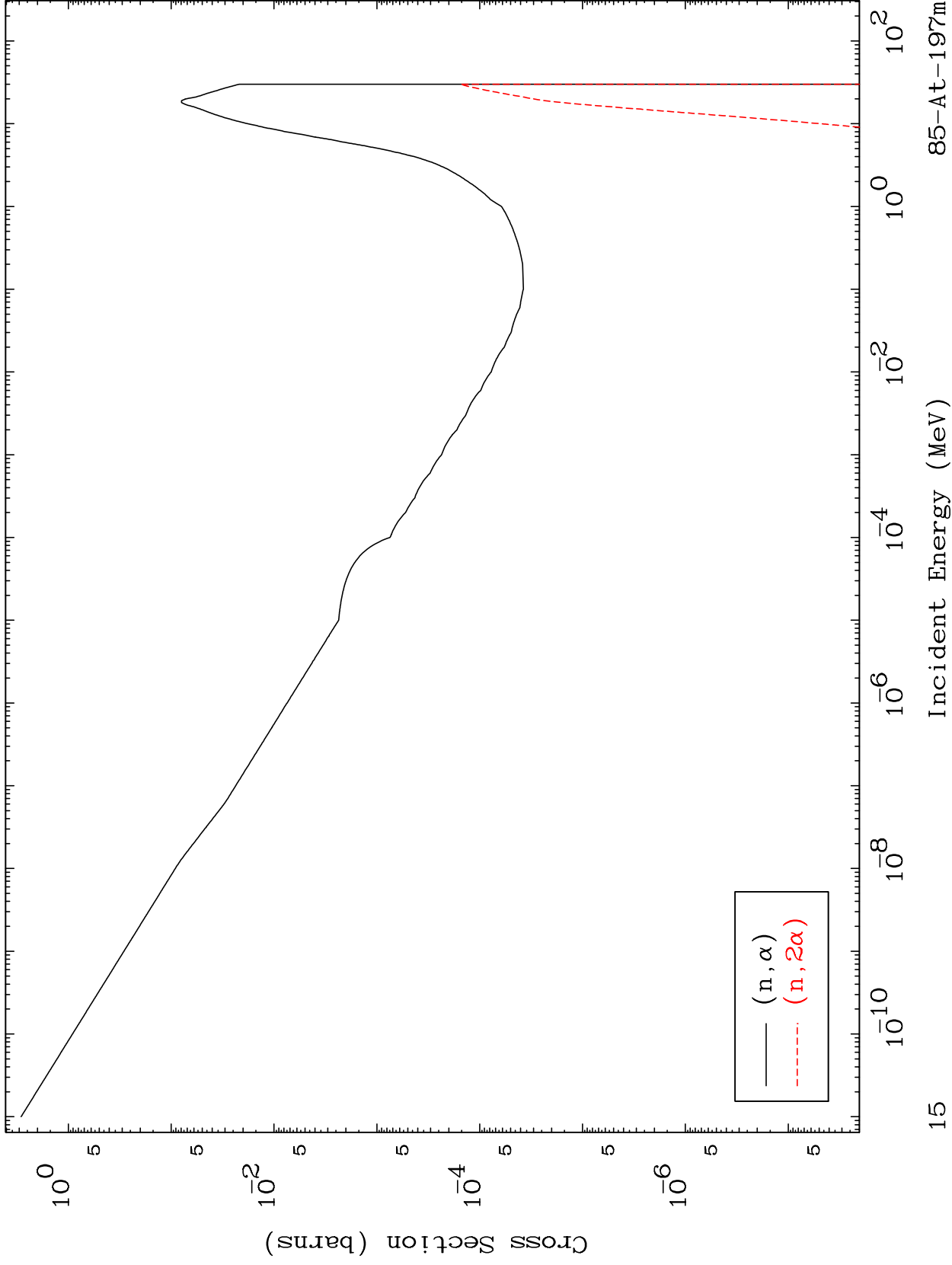
85-At-197m



MAT 8508

(n,α) Levels  
293 Kelvin Cross Sections

85-At-197m



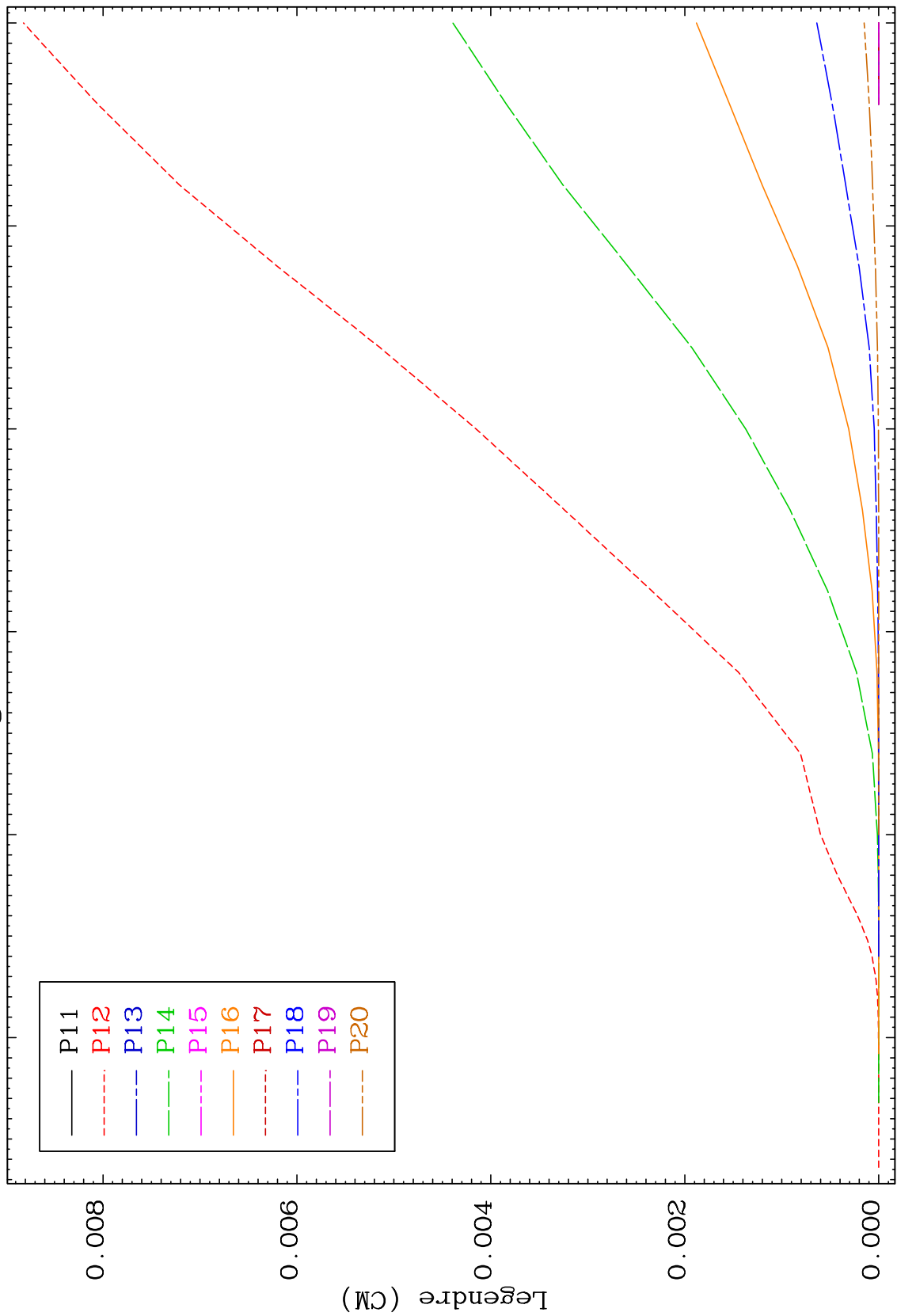




MAT 8508

Elastic  
Legendre Coefficients

85-At-197m



17

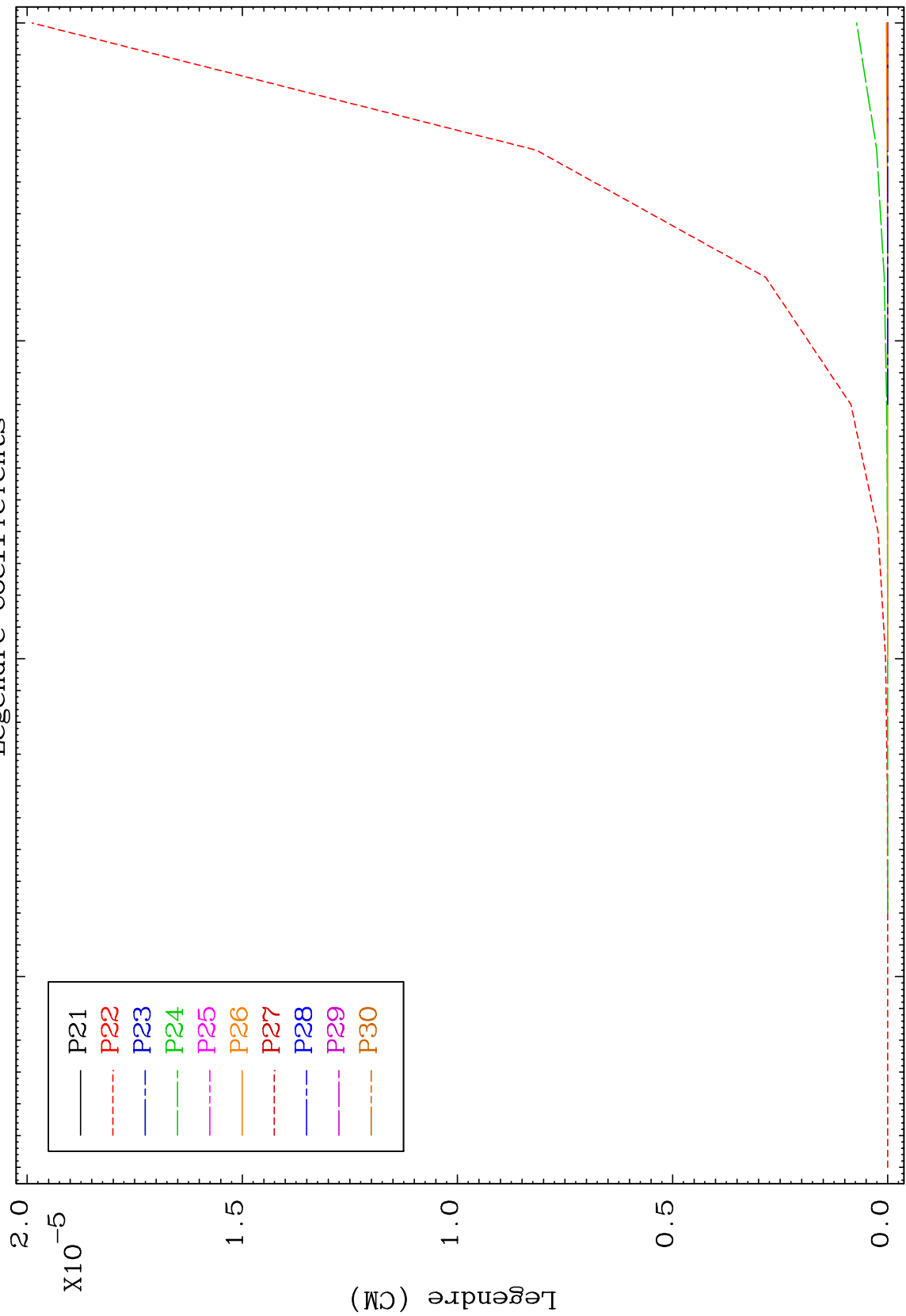
Incident Energy (MeV)

85-At-197m

MAT 8508

Elastic Legendre Coefficients

85-At-197m



18

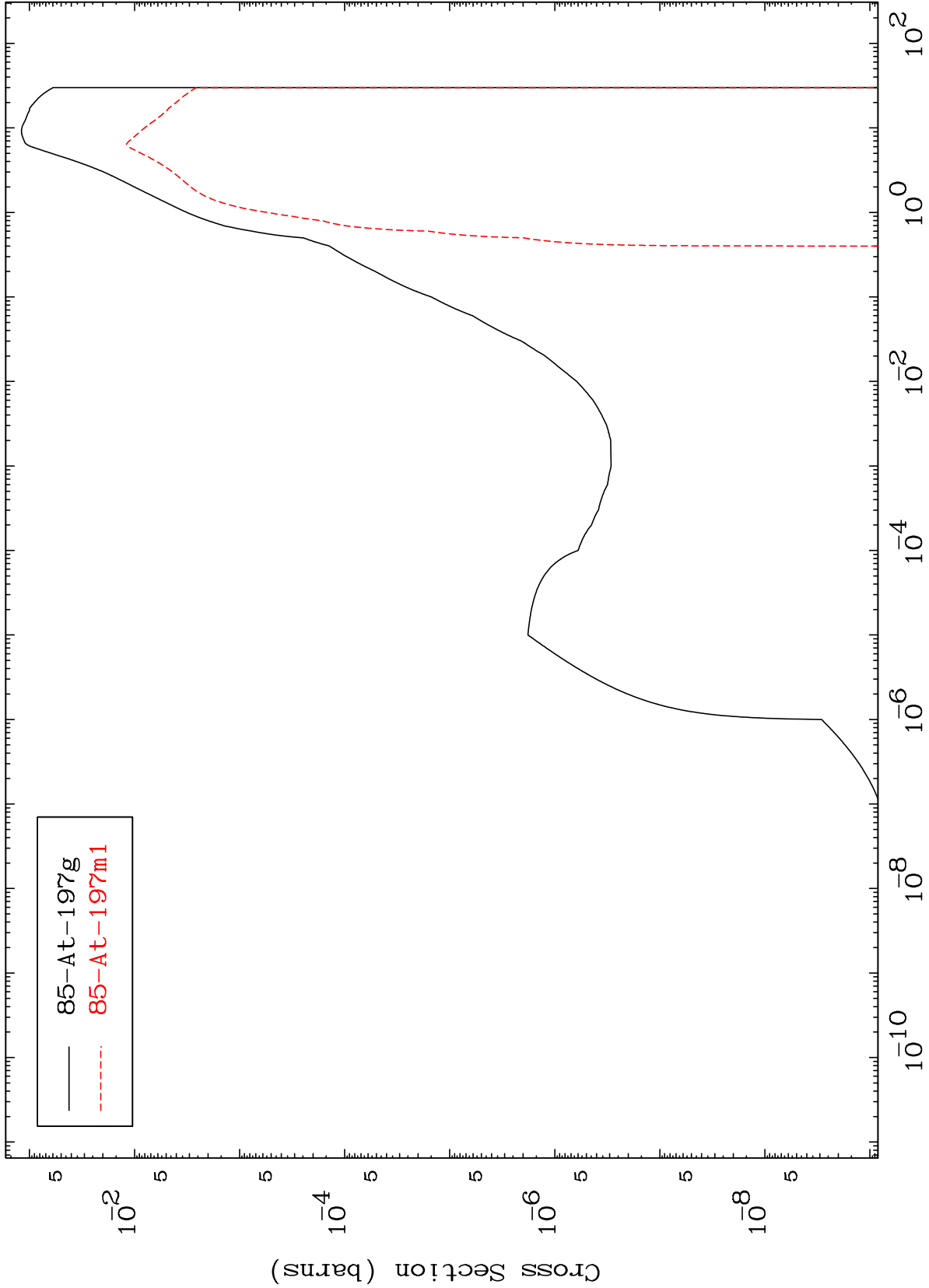
Incident Energy (MeV)

85-At-197m

MAT 8508

Inelastic  
Radionuclide Production Cross Section

85-At-197m



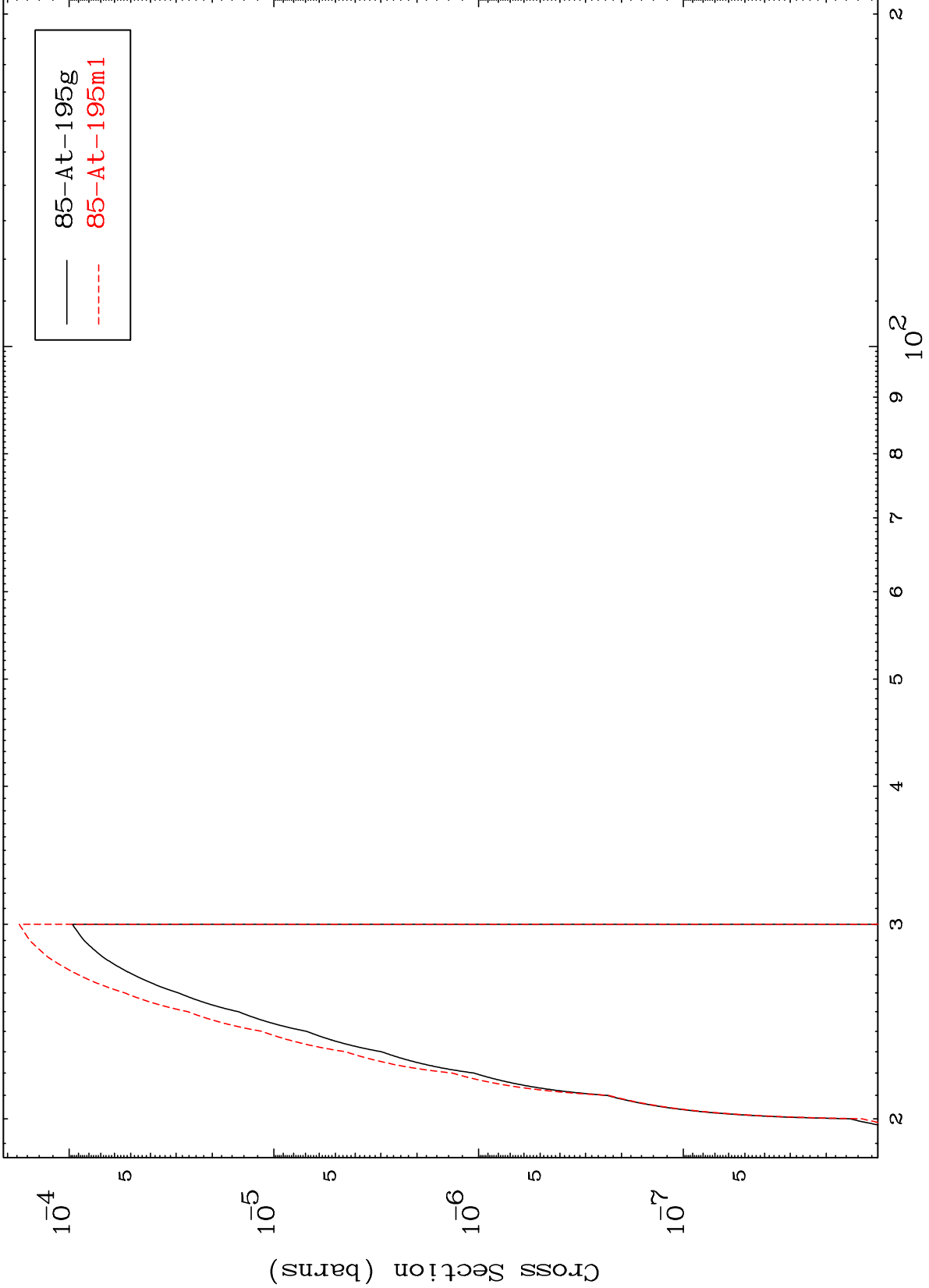
85-At-197g  
85-At-197m1

MAT 8508

(n,3n)

85-At-197m

Radionuclide Production Cross Section



20

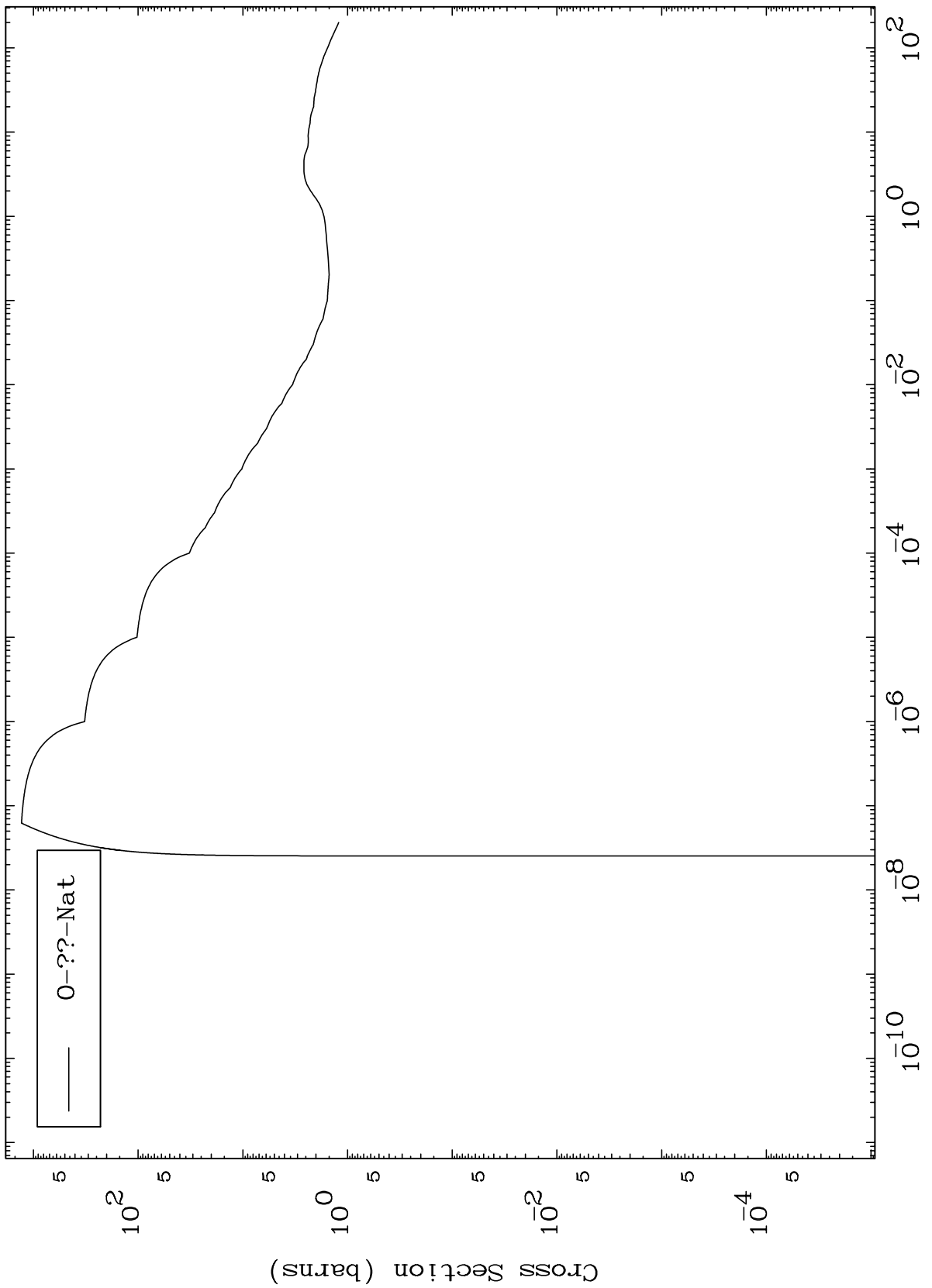
Incident Energy (MeV)

85-At-197m

MAT 8508

85-At-197m

Fission  
Radionuclide Production Cross Section

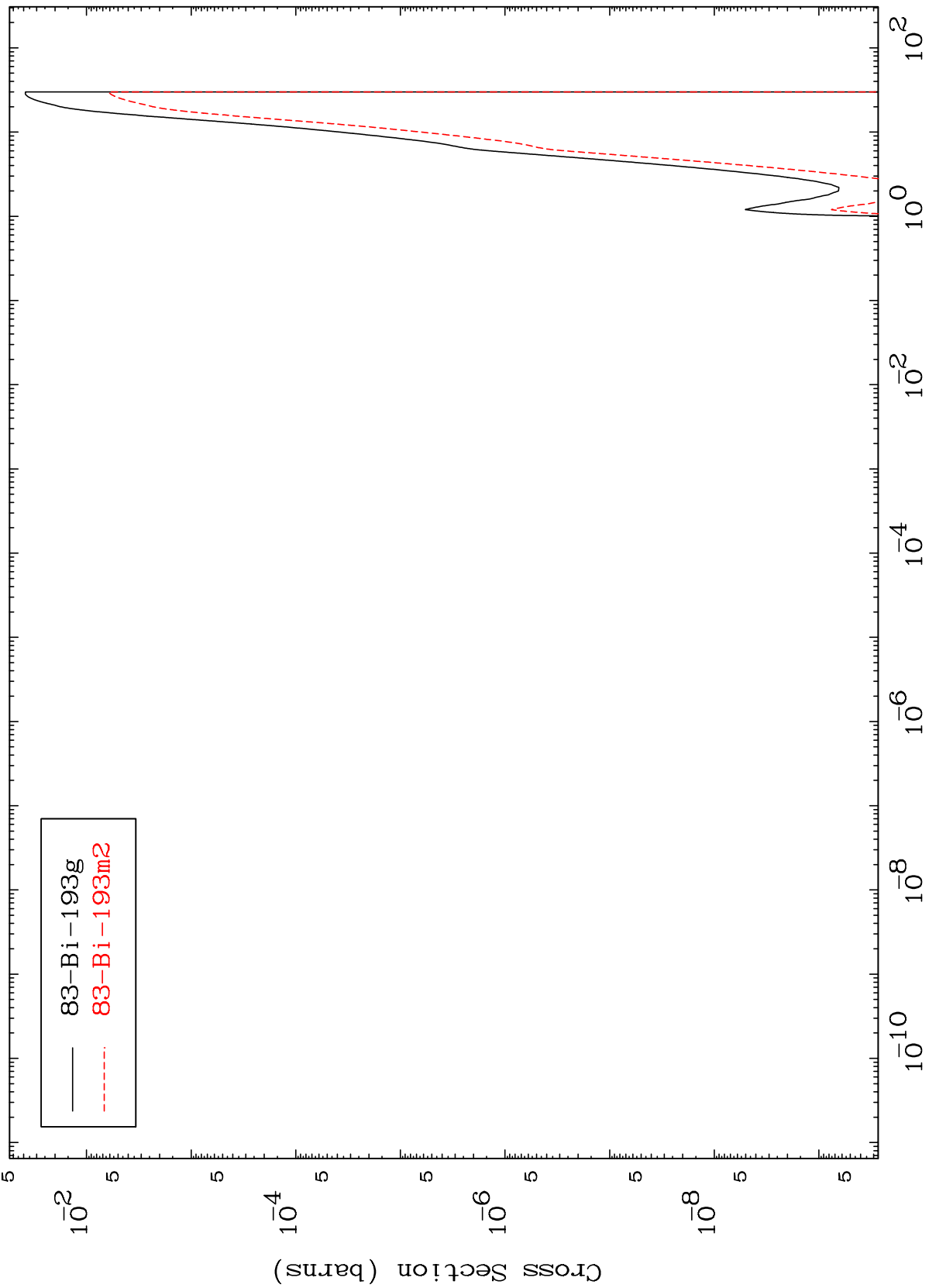


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$(n, n') \alpha$

85-At-197m

Radionuclide Production Cross Section

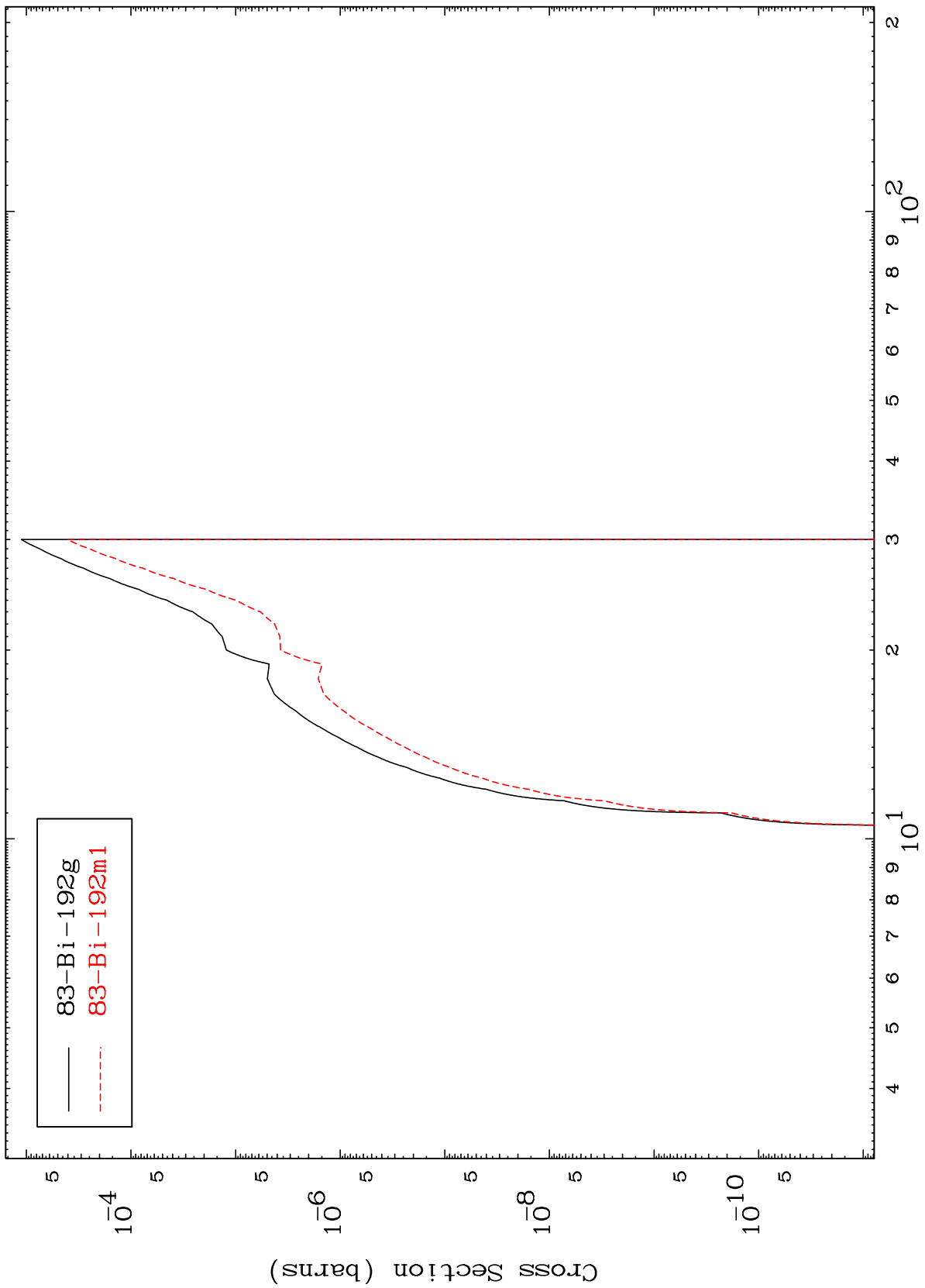


MAT 8508

(n,2n)  $\alpha$

85-At-197m

Radionuclide Production Cross Section



— 83-Bi-192g  
- - - 83-Bi-192m1

Incident Energy (MeV)

85-At-197m

23

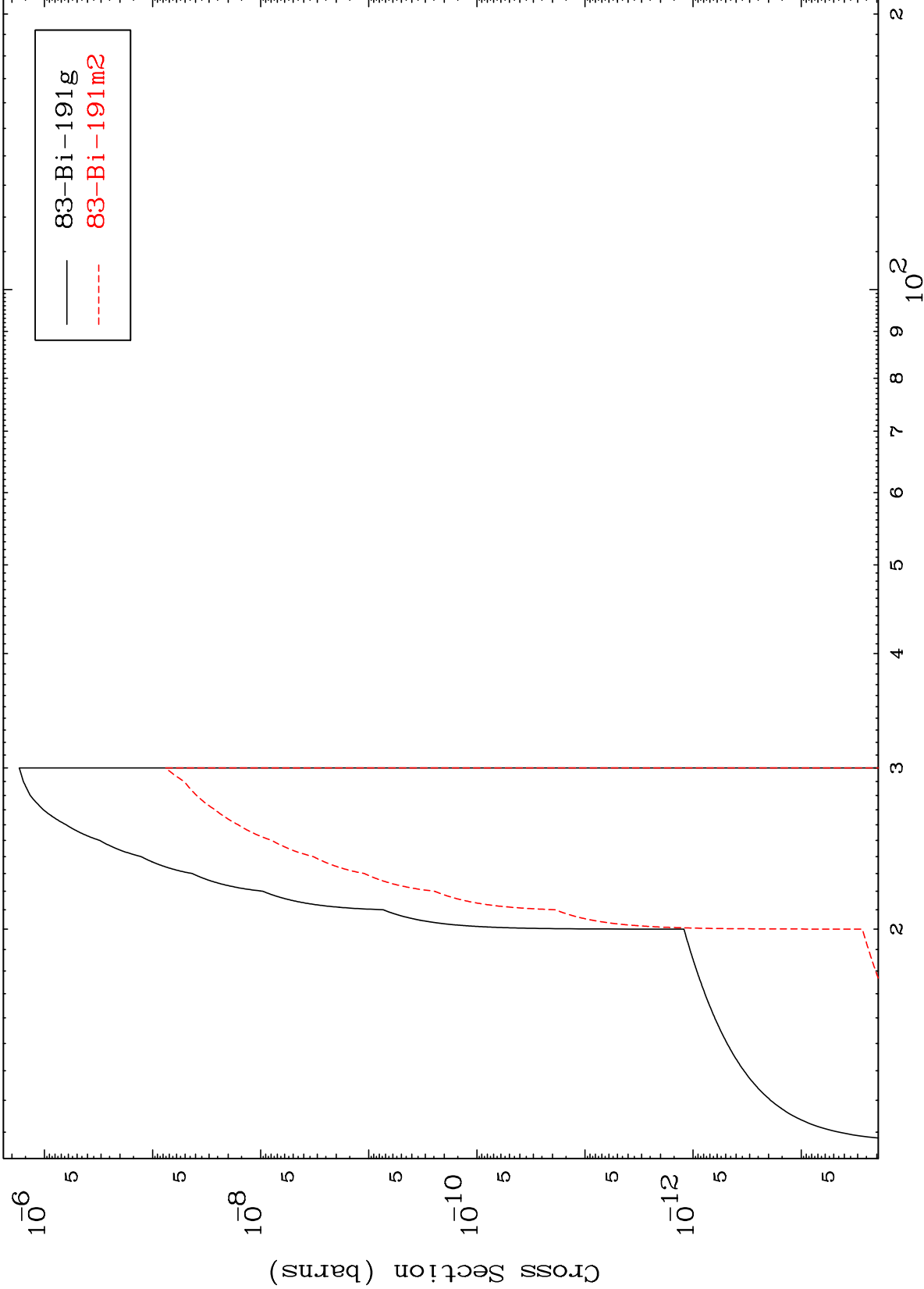


MAT 8508

(n,3n)  $\alpha$

85-At-197m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

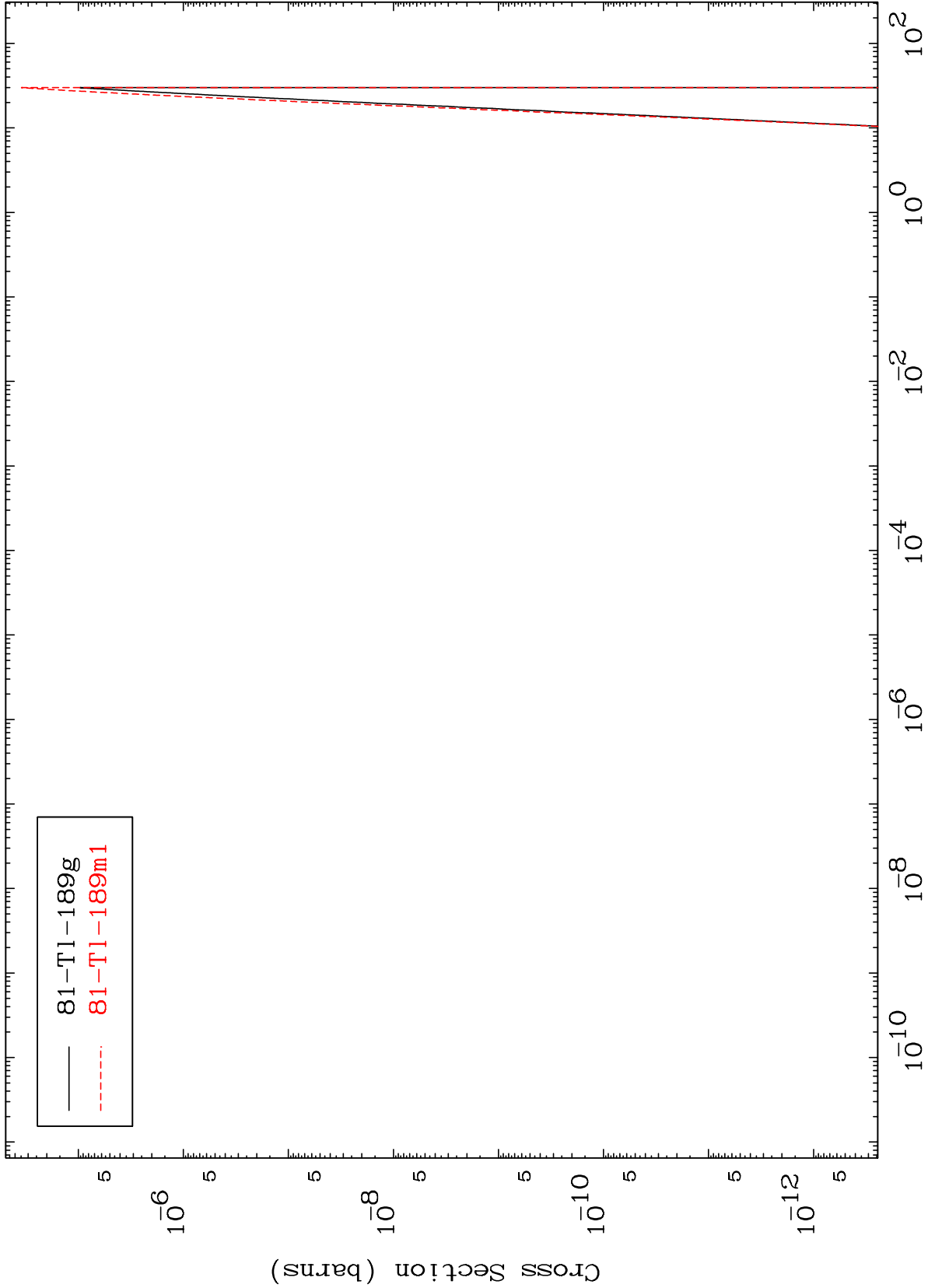
85-At-197m

MAT 8508

(n,n') 2 $\alpha$

85-At-197m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

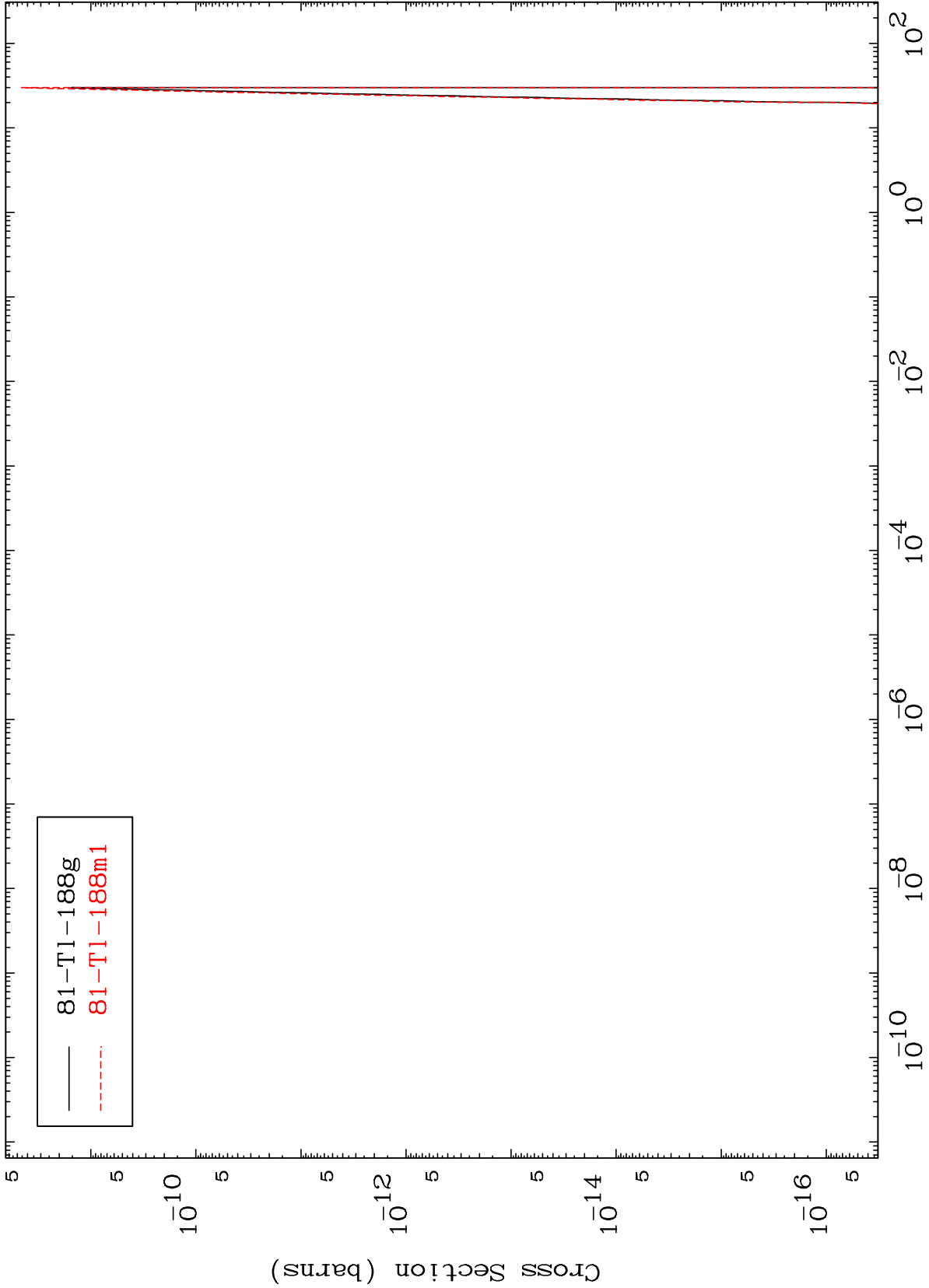
85-At-197m

MAT 8508

(n,2n) 2α

85-At-197m

Radionuclide Production Cross Section

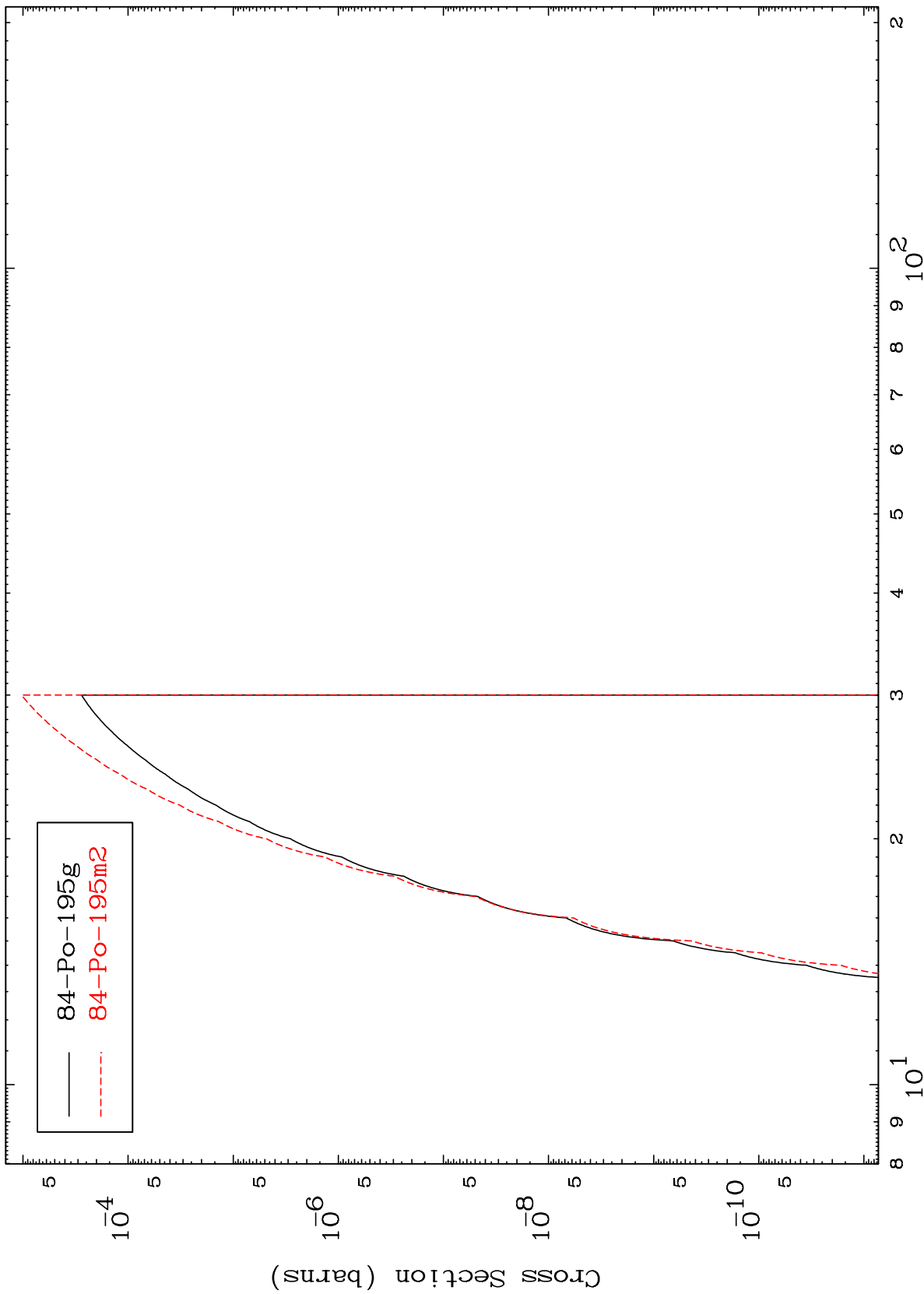


MAT 8508

(n,n') d

85-At-197m

Radionuclide Production Cross Section



27

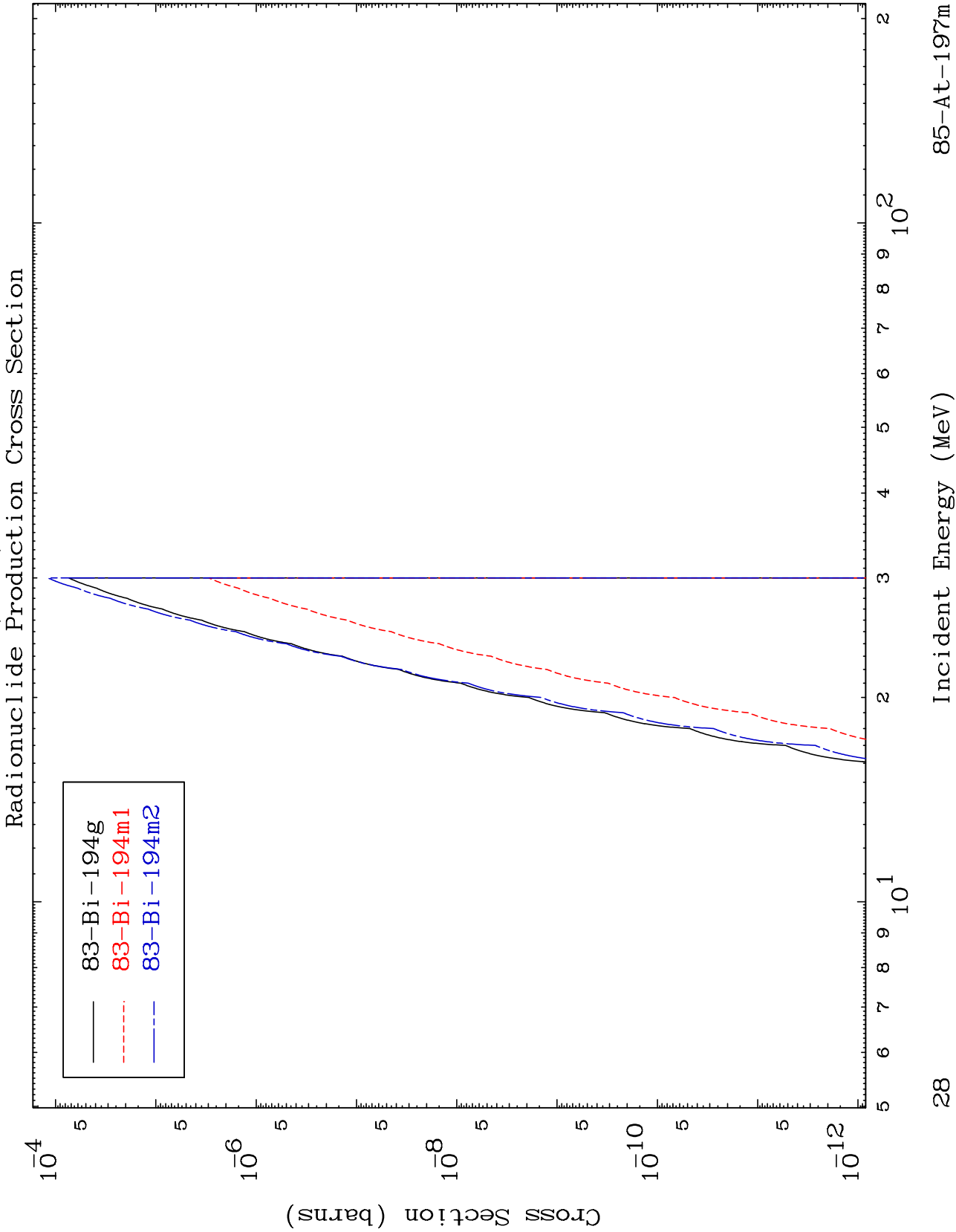
Incident Energy (MeV)

85-At-197m

MAT 8508

(n,n') He-3

85-At-197m



28

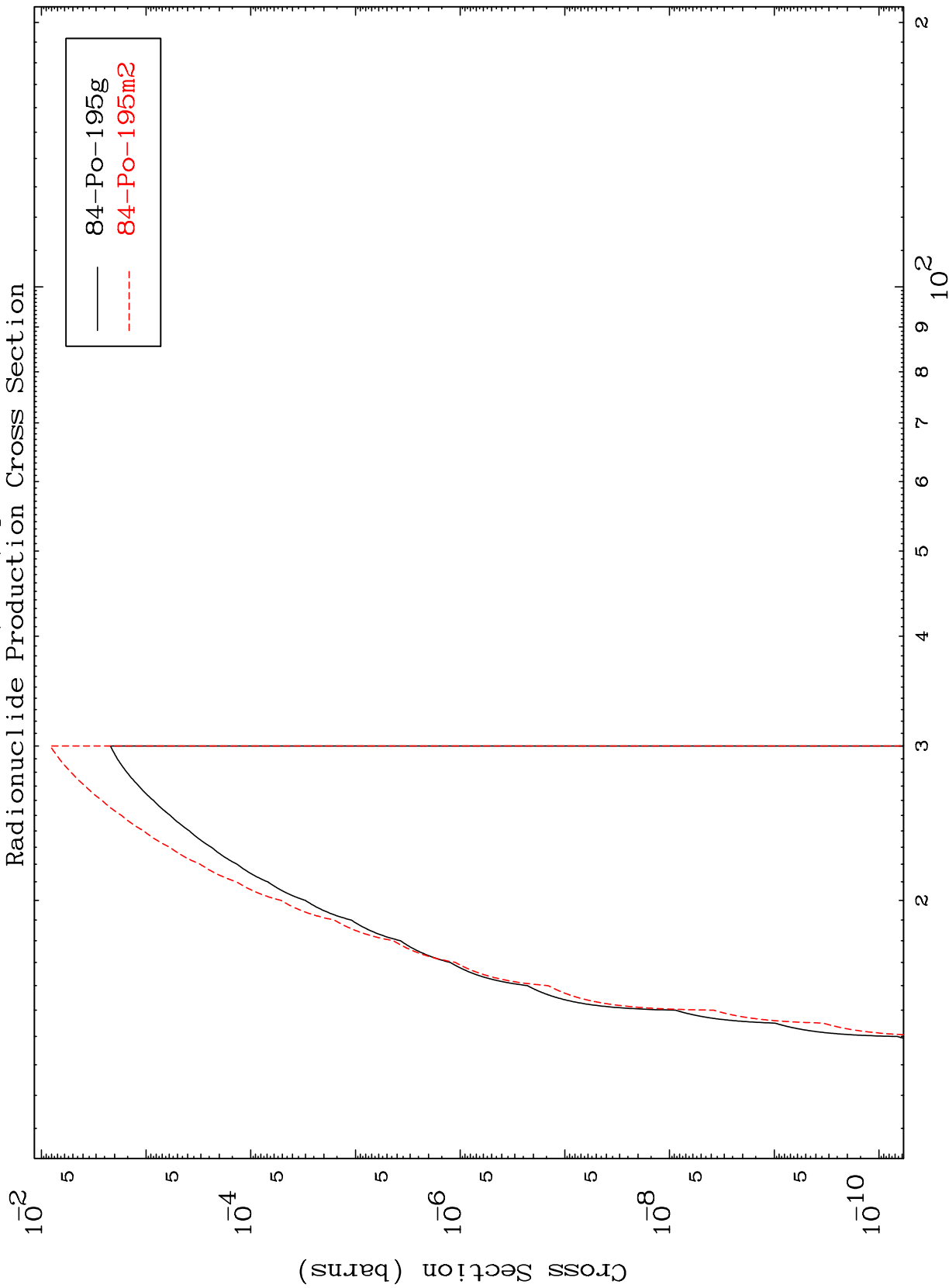
Incident Energy (MeV)

85-At-197m

MAT 8508

85-At-197m

(n,2n) p  
Radionuclide Production Cross Section

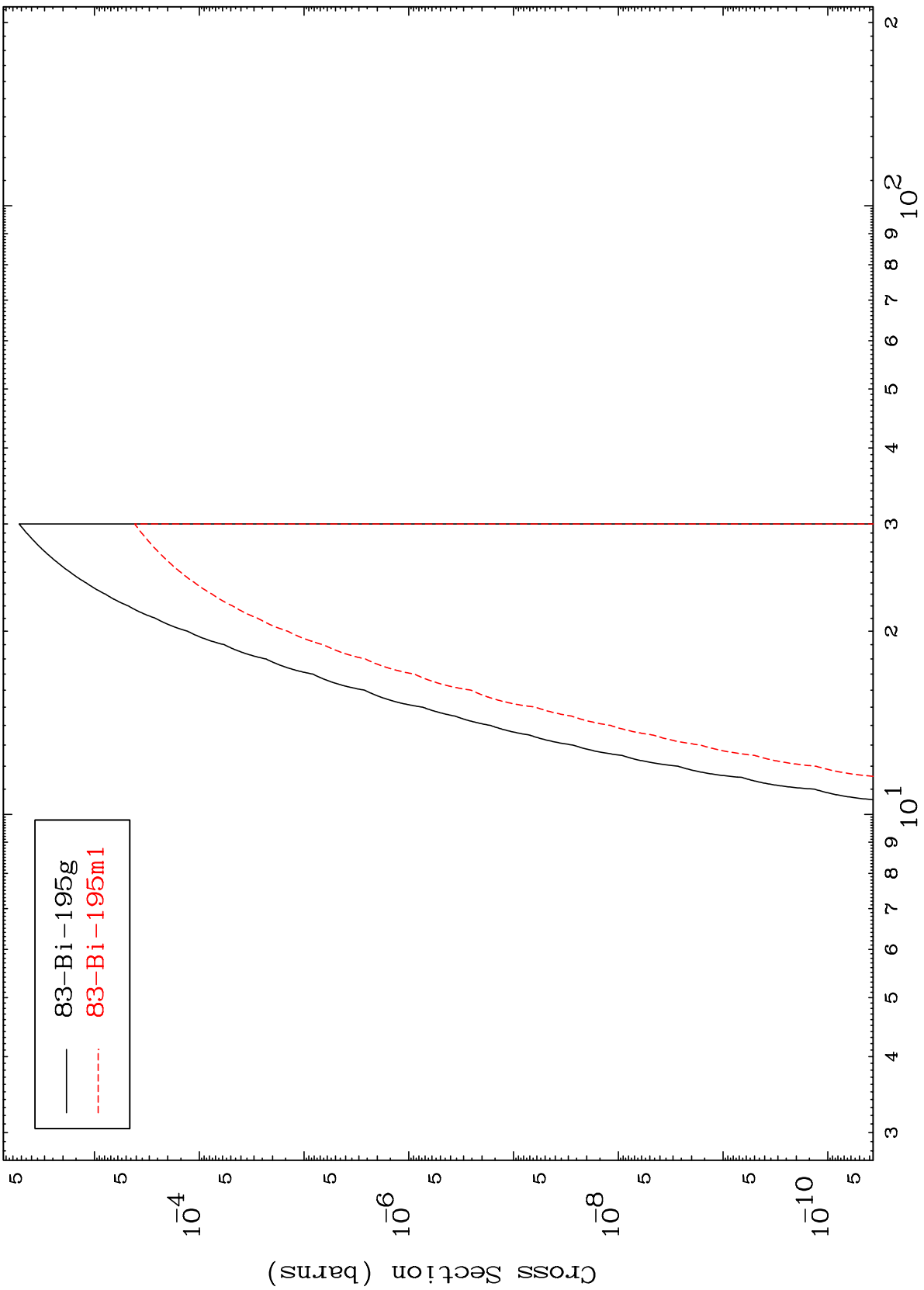


MAT 8508

(n,2n) p

85-At-197m

Radionuclide Production Cross Section



83-Bi-195g  
83-Bi-195m1

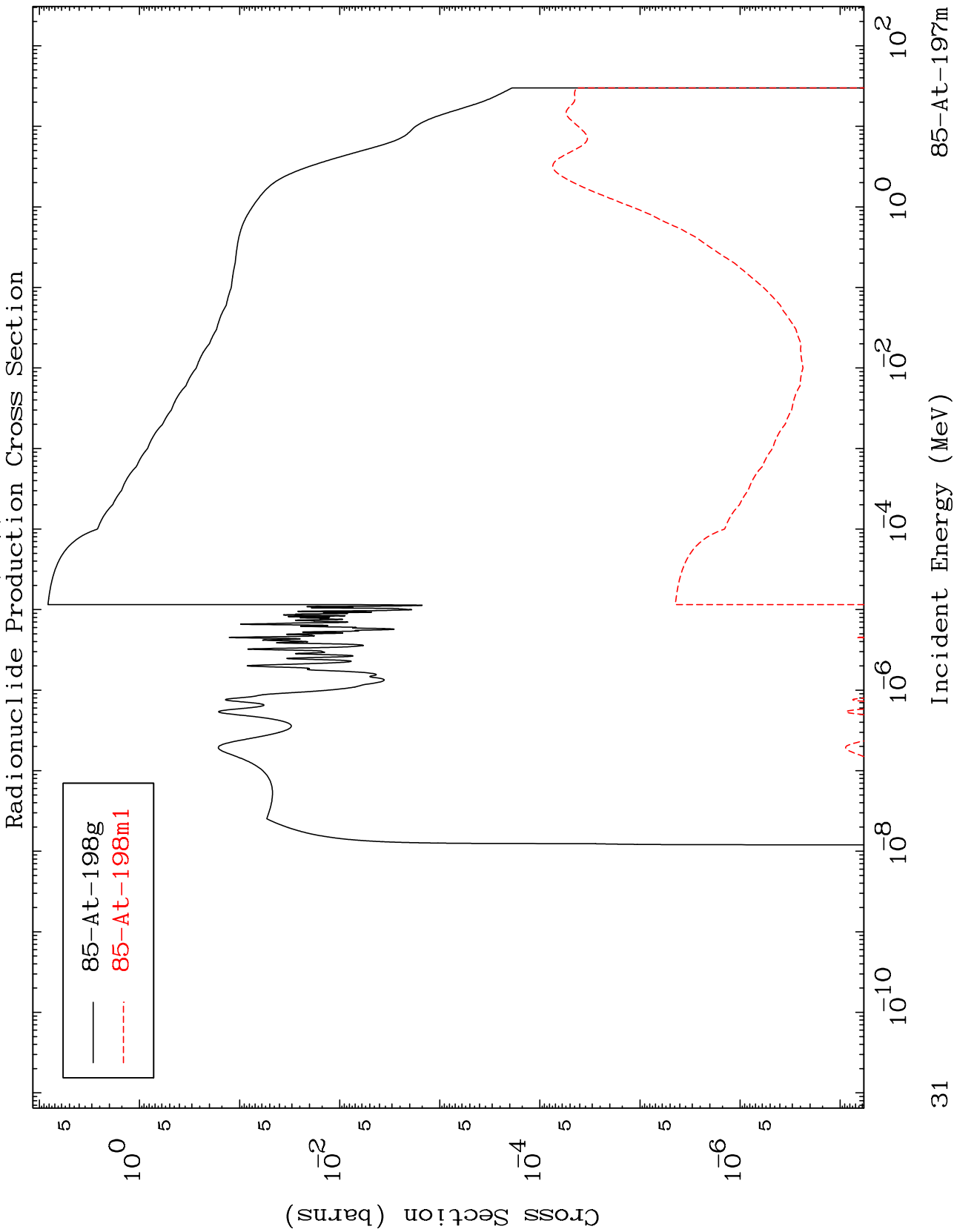
Incident Energy (MeV)

85-At-197m

30

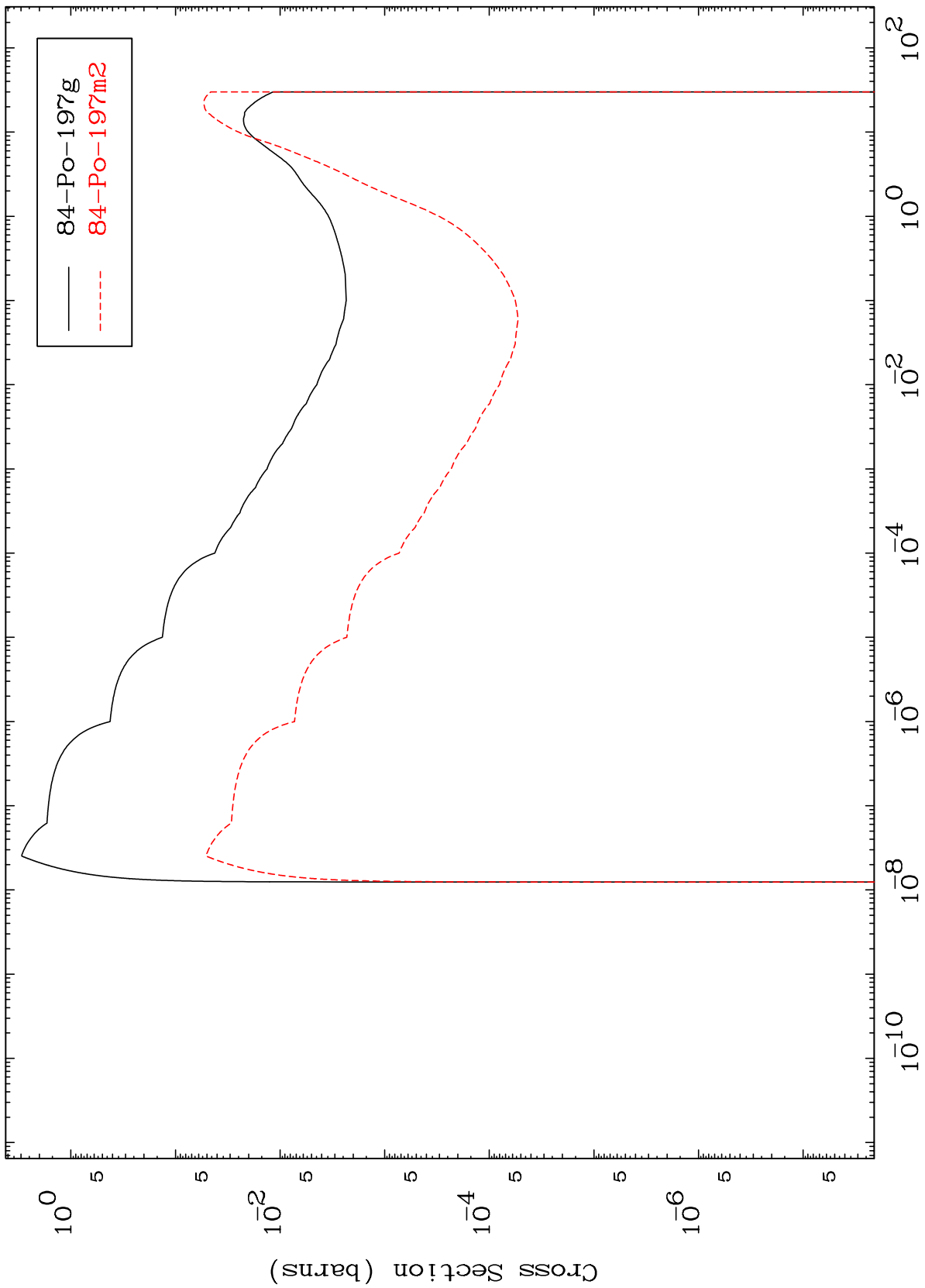
MAT 8508

85-At-197m



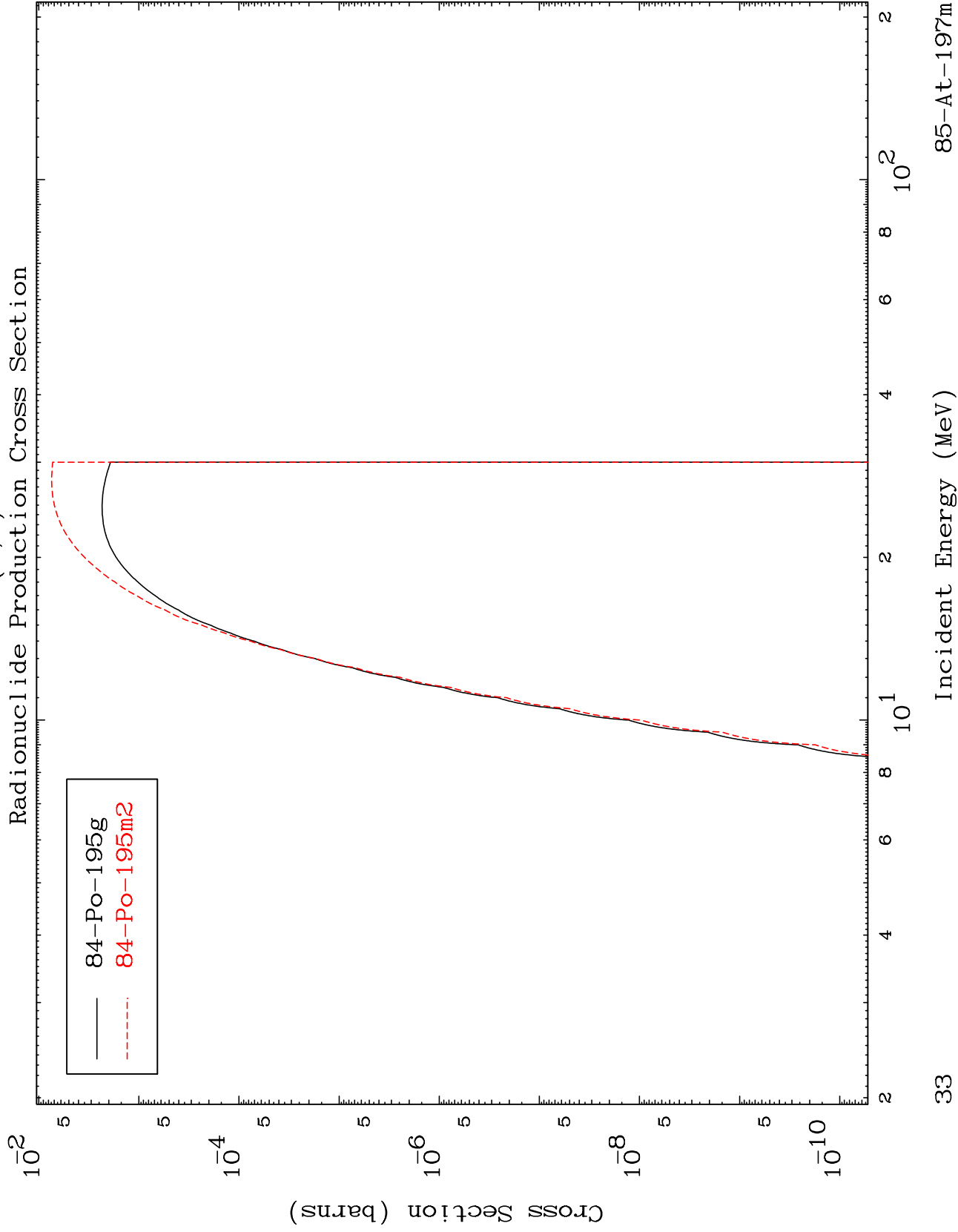


(n,p)  
Radionuclide Production Cross Section



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85-At-197m



33

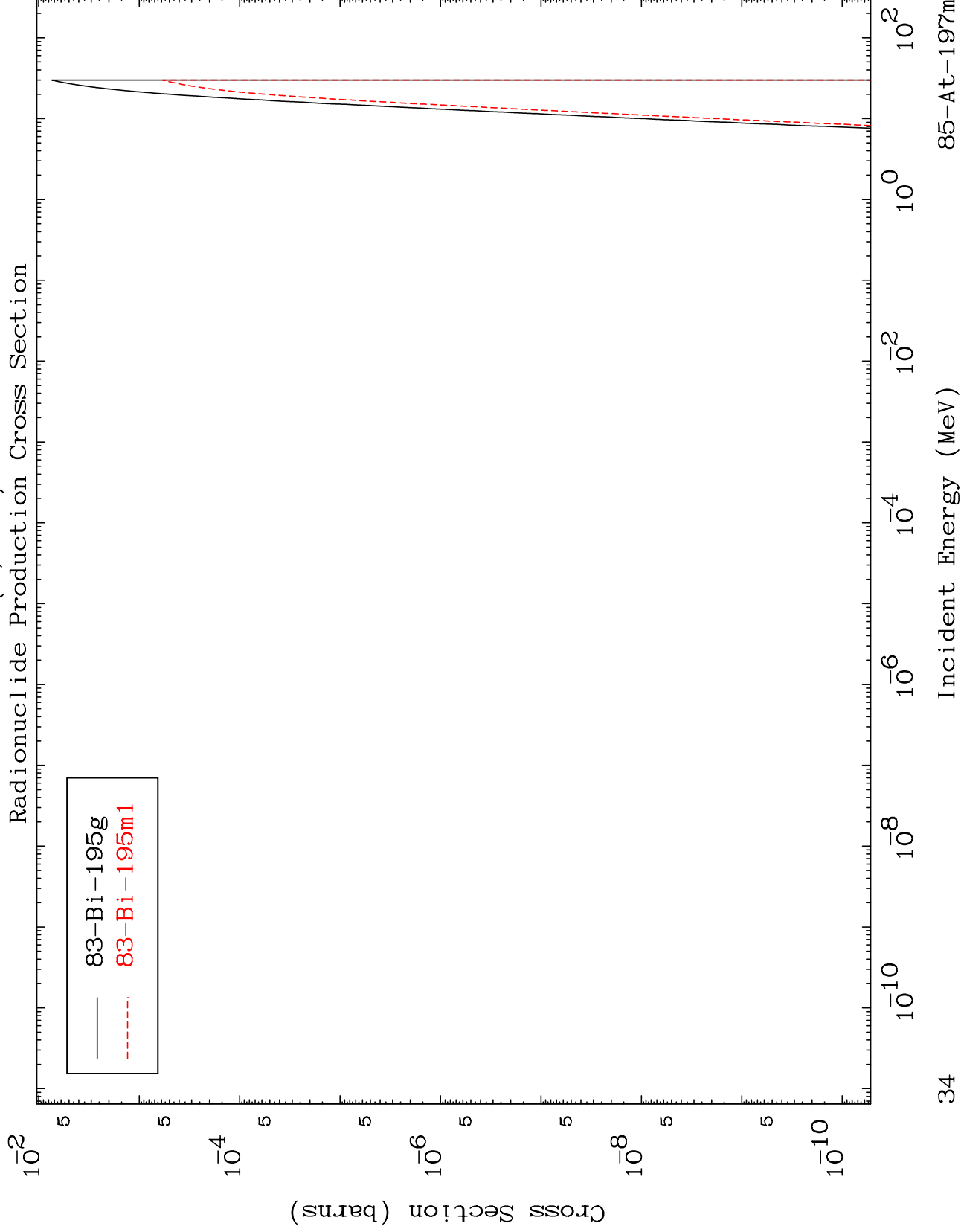
85-At-197m

MAT 8508

(n,He-3)

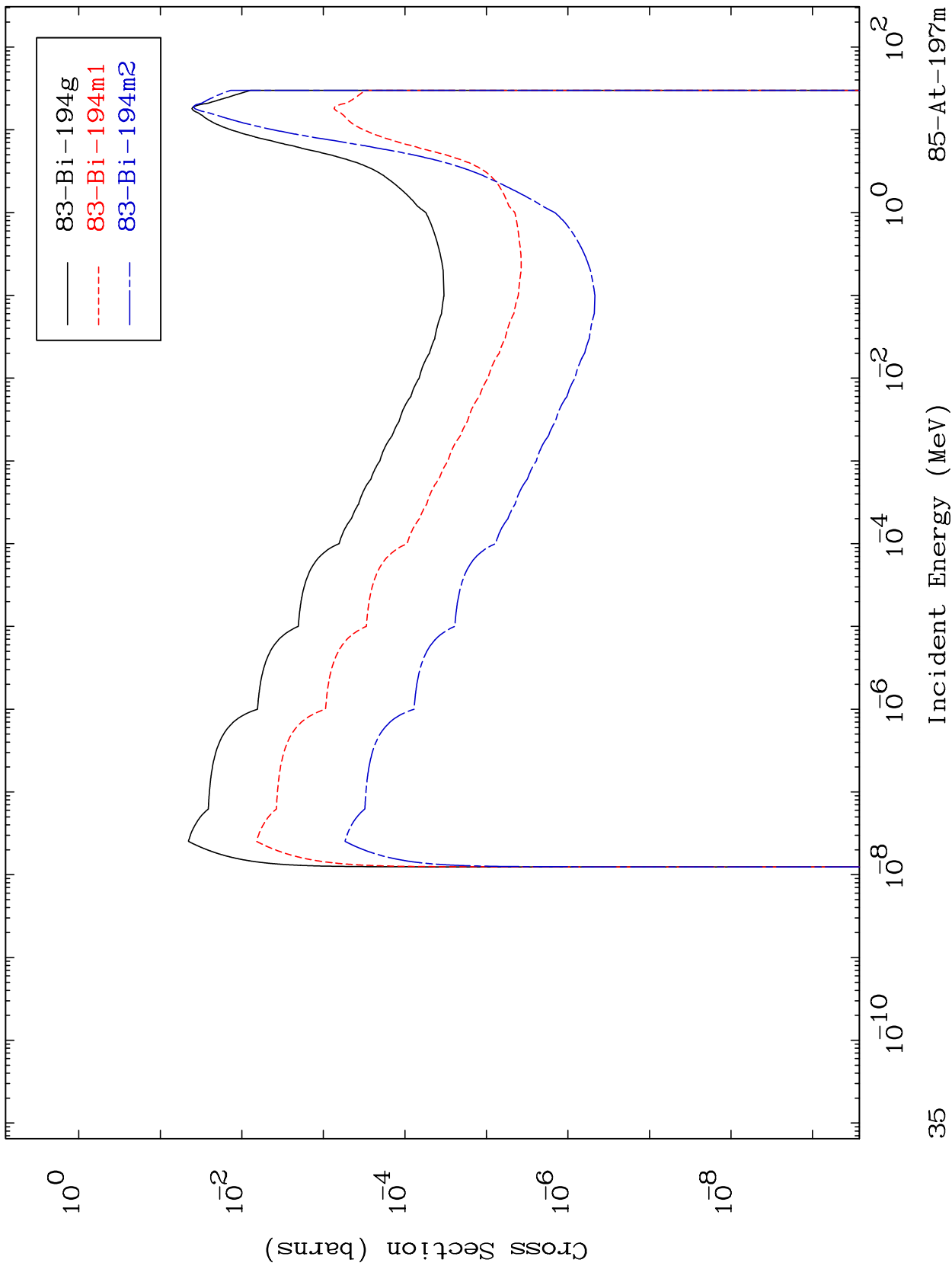
85-At-197m

Radionuclide Production Cross Section



— 83-Bi-195g  
- - - 83-Bi-195m1

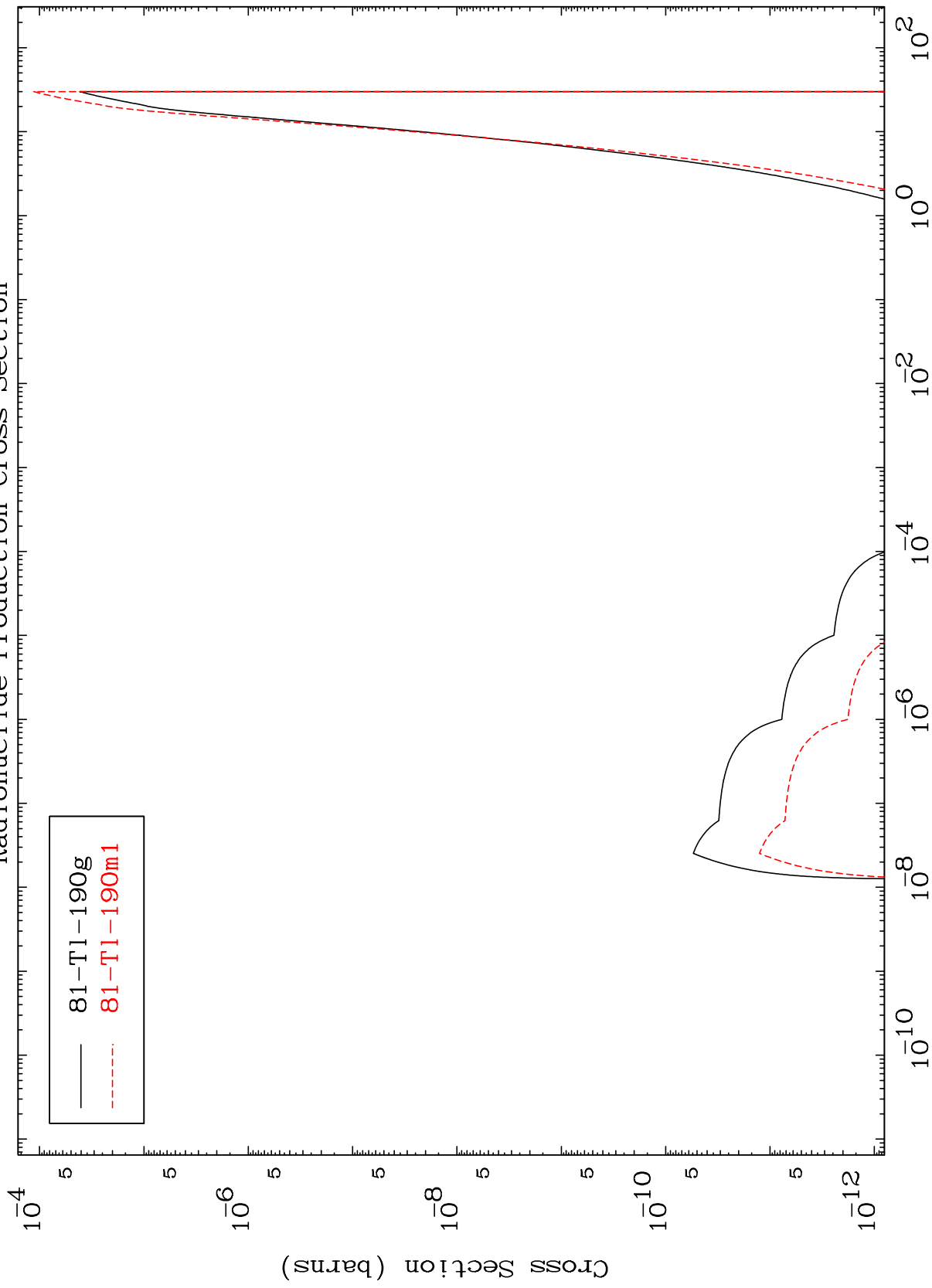
Radionuclide Production Cross Section  
(n,  $\alpha$ )



MAT 8508

85-At-197m

Radionuclide Production Cross Section  
(n,2 $\alpha$ )



Incident Energy (MeV)

85-At-197m

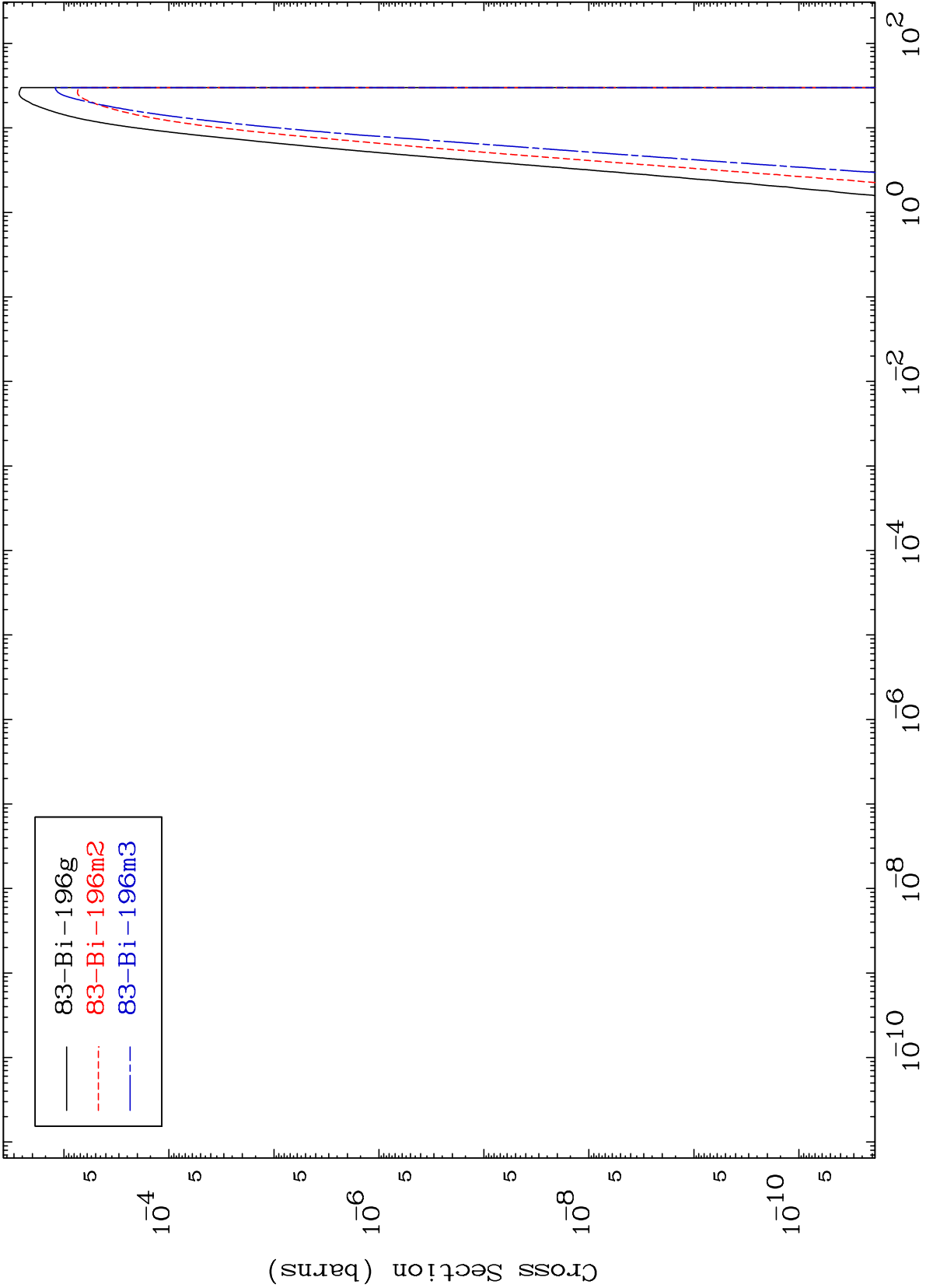
36

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(n,2p)

85-At-197m

Radionuclide Production Cross Section

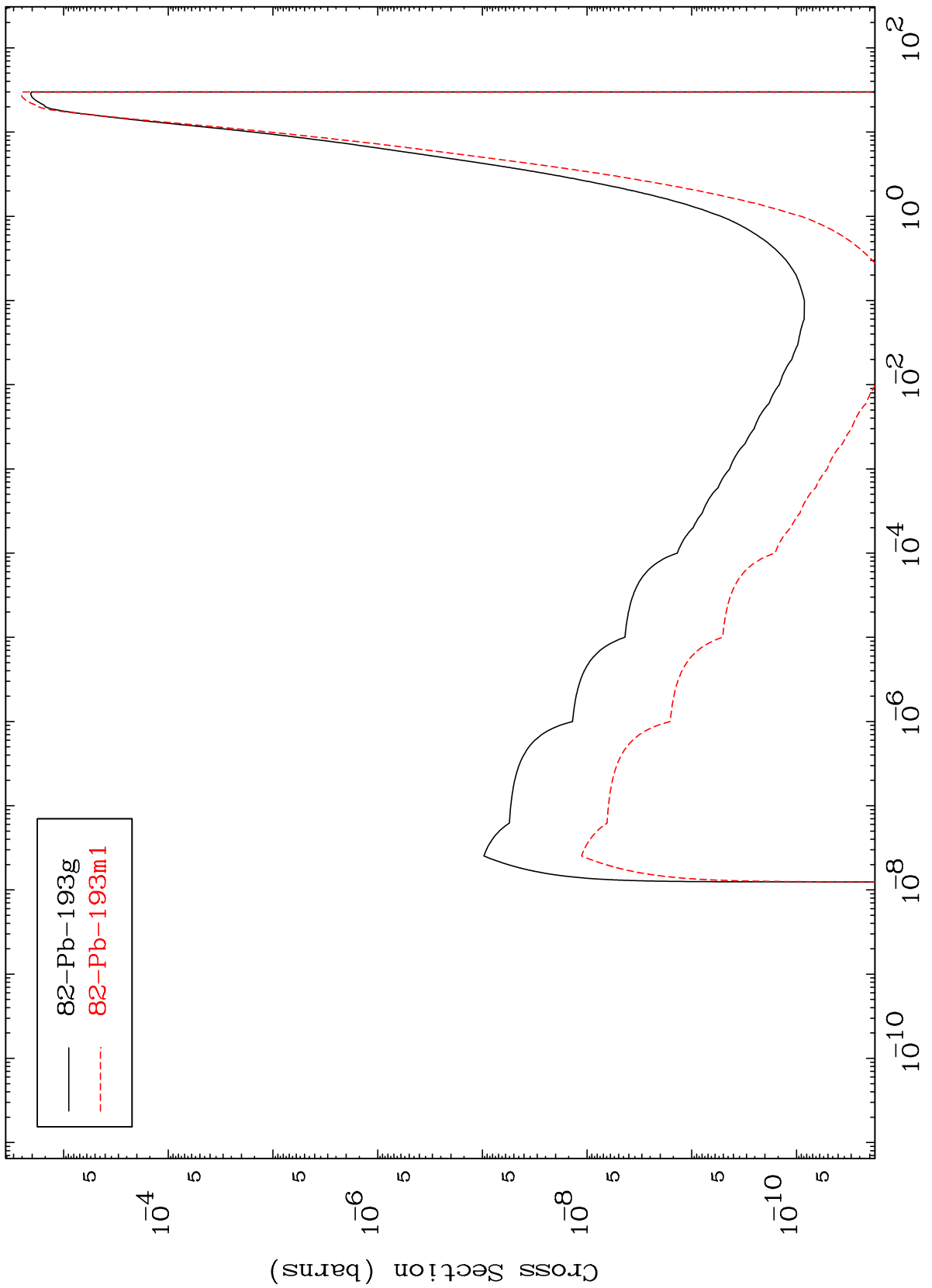
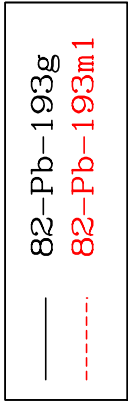


MAT 8508

(n,p)  $\alpha$

85-At-197m

Radionuclide Production Cross Section

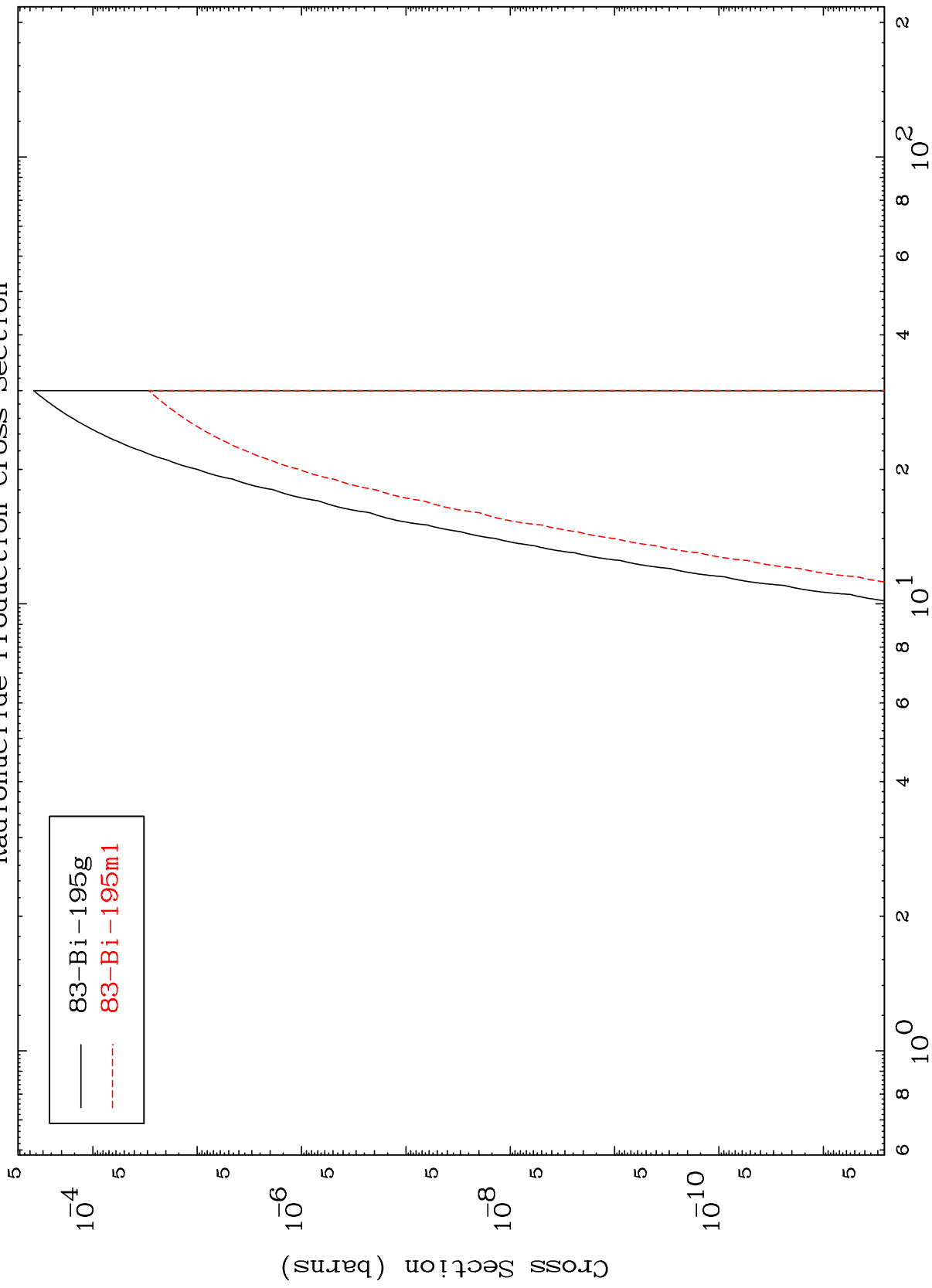


MAT 8508

(n,p) d

85-At-197m

Radionuclide Production Cross Section



39

Incident Energy (MeV)

85-At-197m

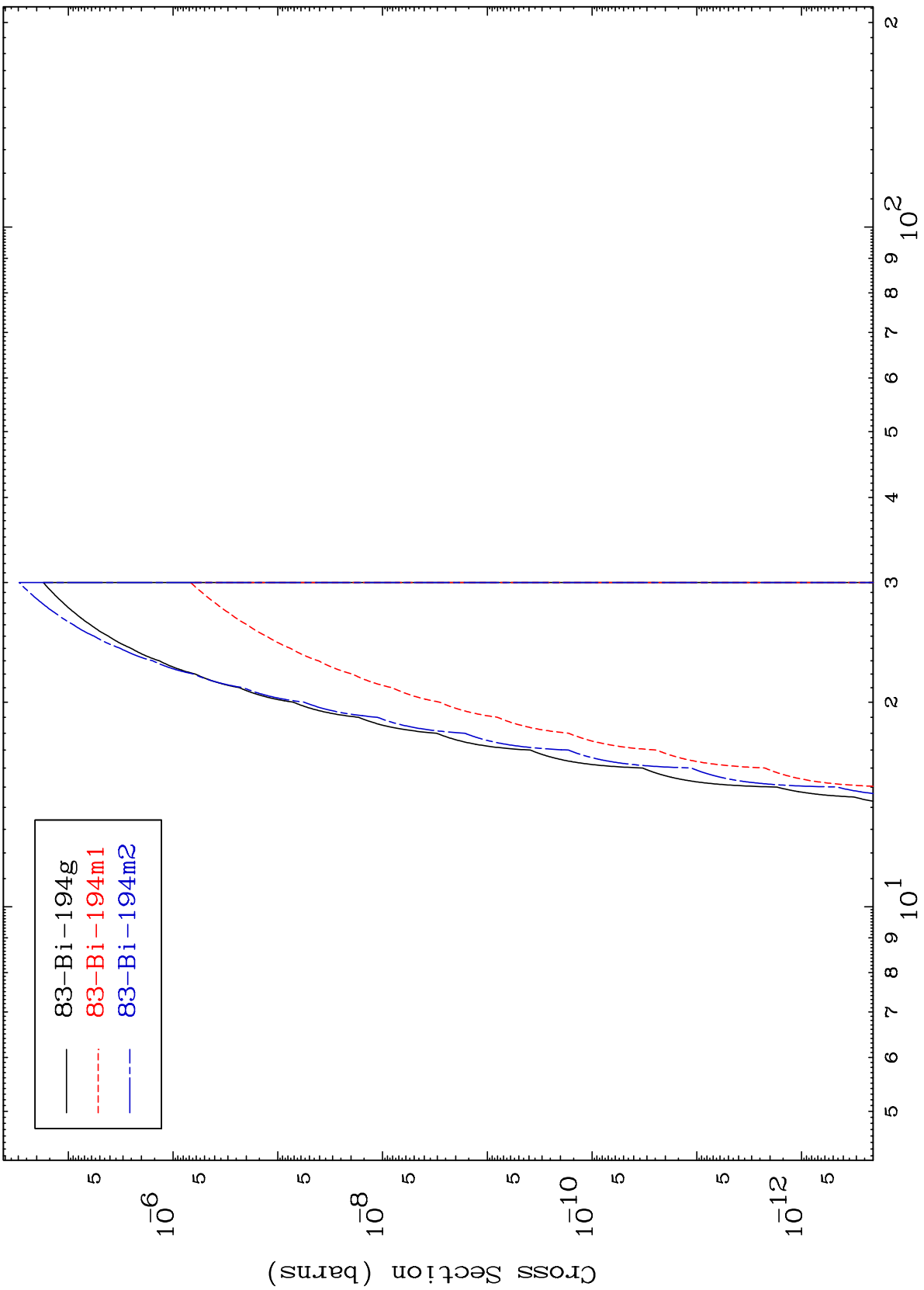


MAT 8508

(n,p) t

85-At-197m

Radionuclide Production Cross Section



40

Incident Energy (MeV)

85-At-197m