

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

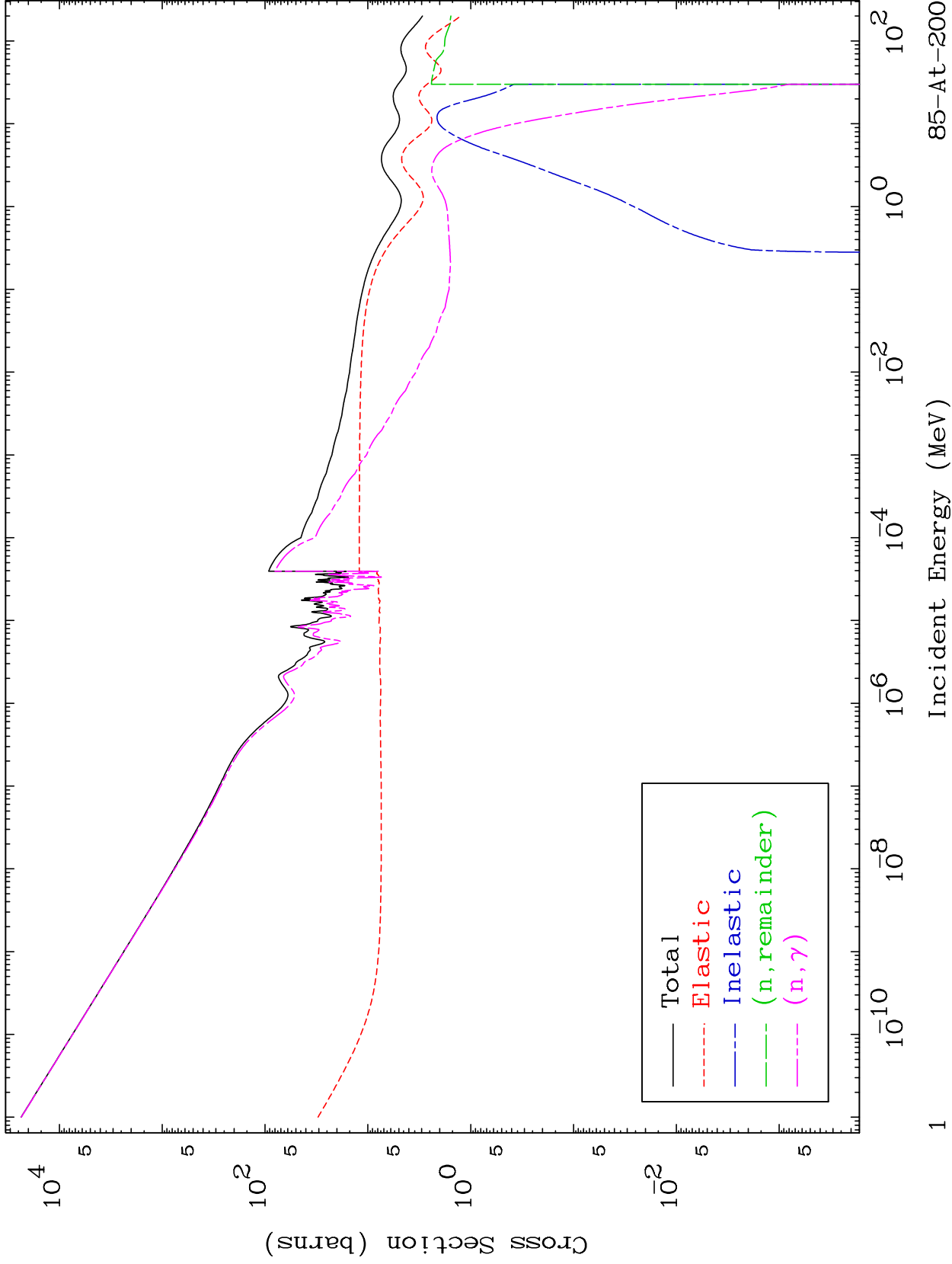
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8517

Major  
293 Kelvin Cross Sections

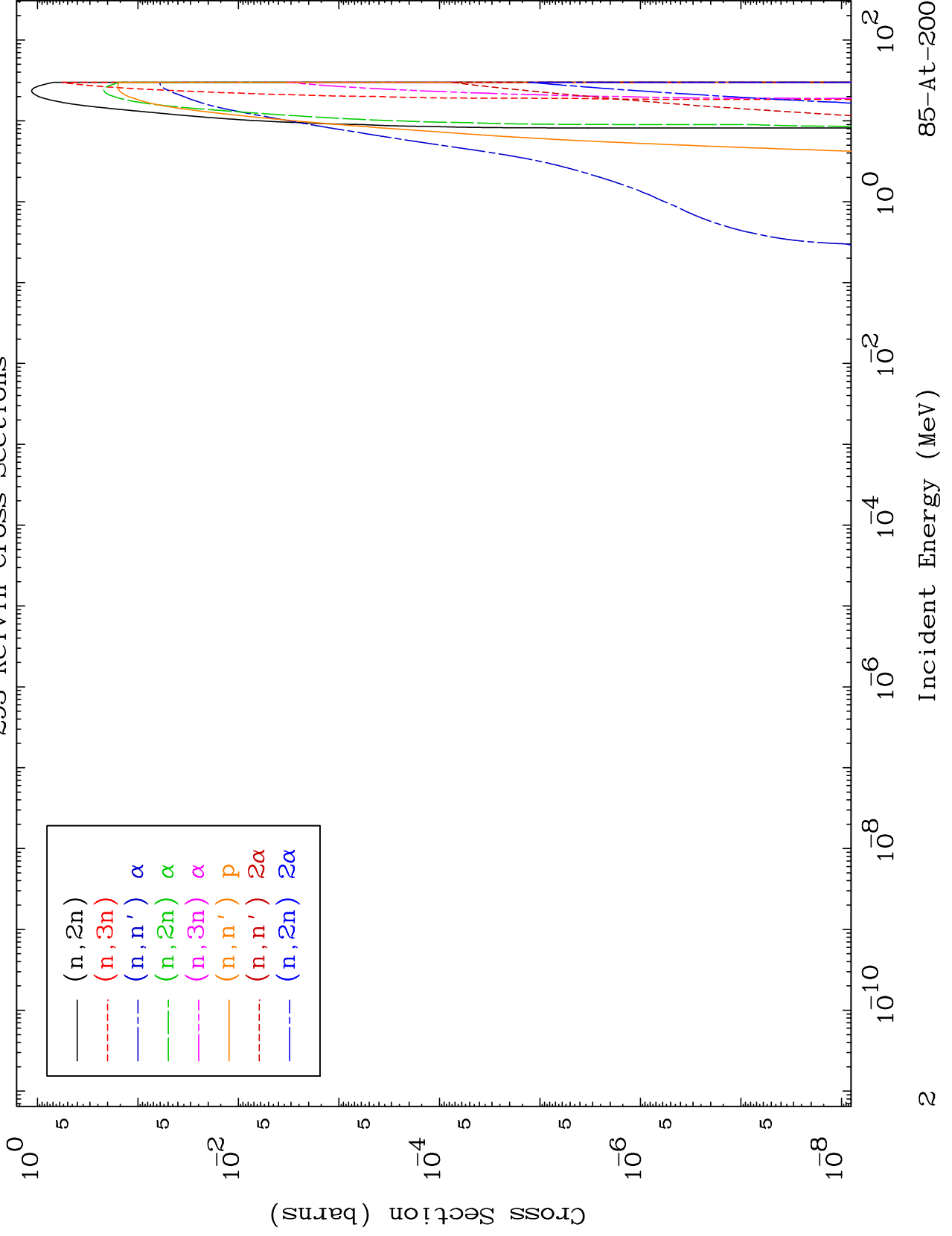
85-At-200



MAT 8517

Neutron Production  
293 Kelvin Cross Sections

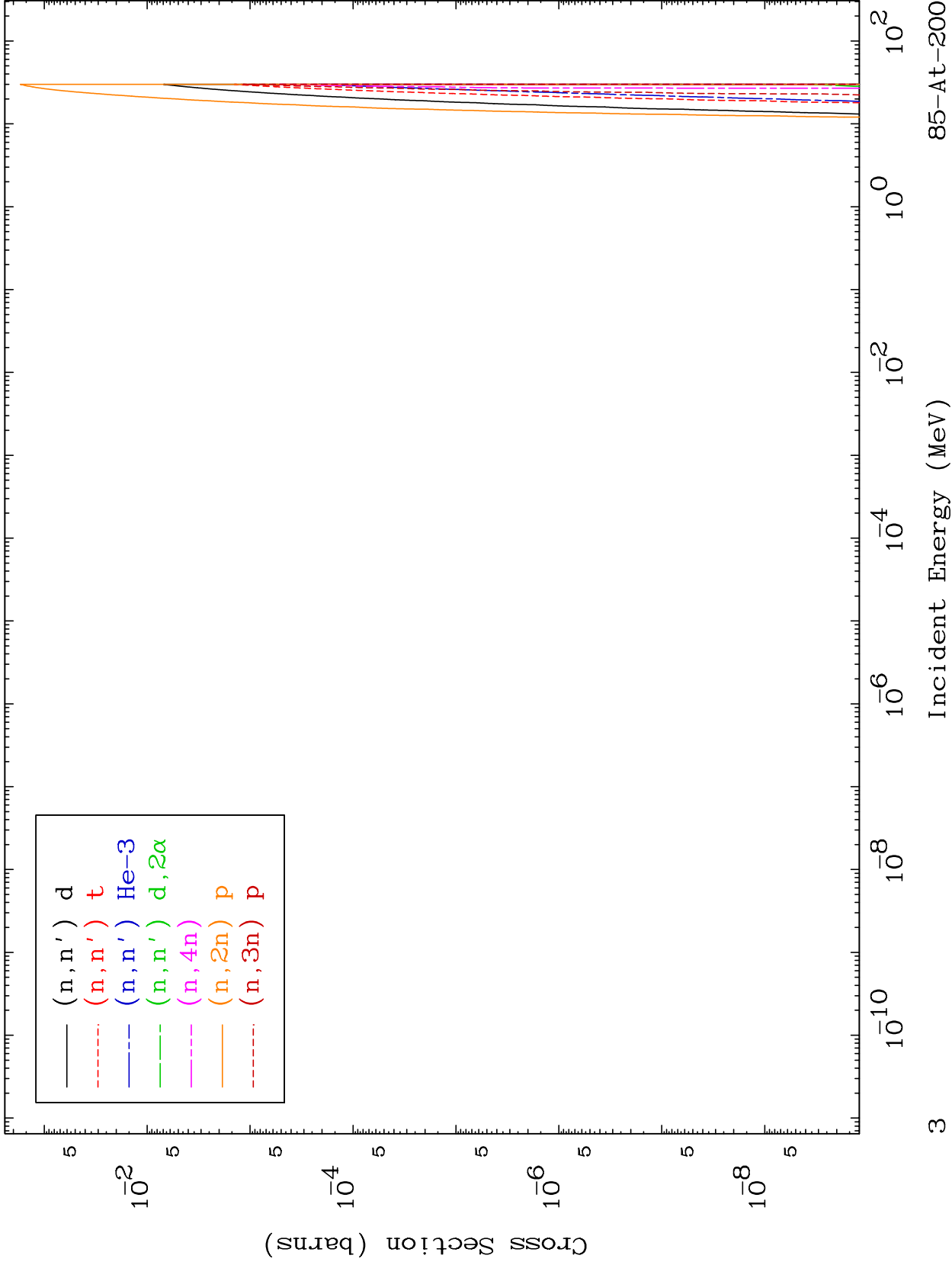
85-At-200



MAT 8517

Neutron Production  
293 Kelvin Cross Sections

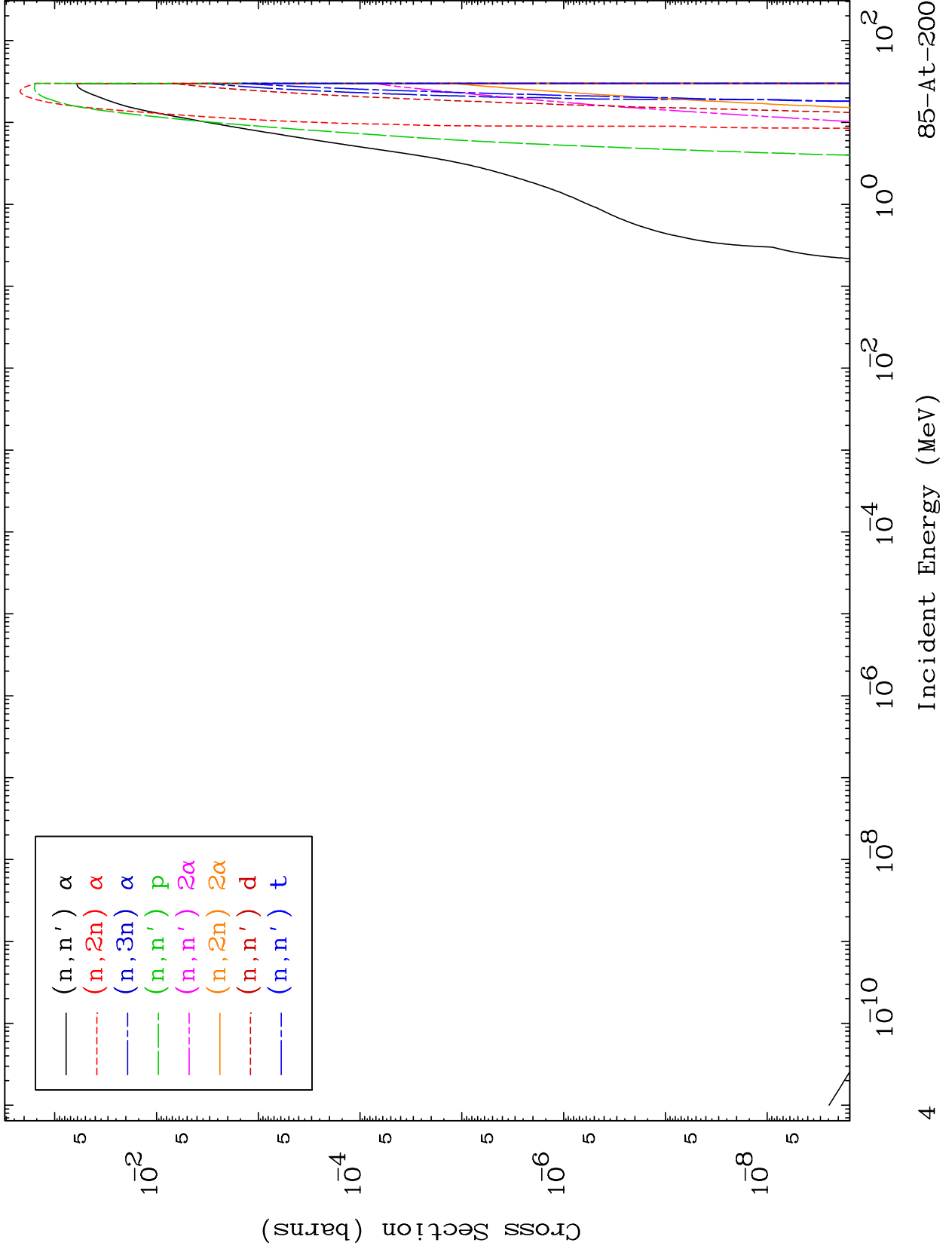
85-At-200



MAT 8517

Charged Particle  
293 Kelvin Cross Sections

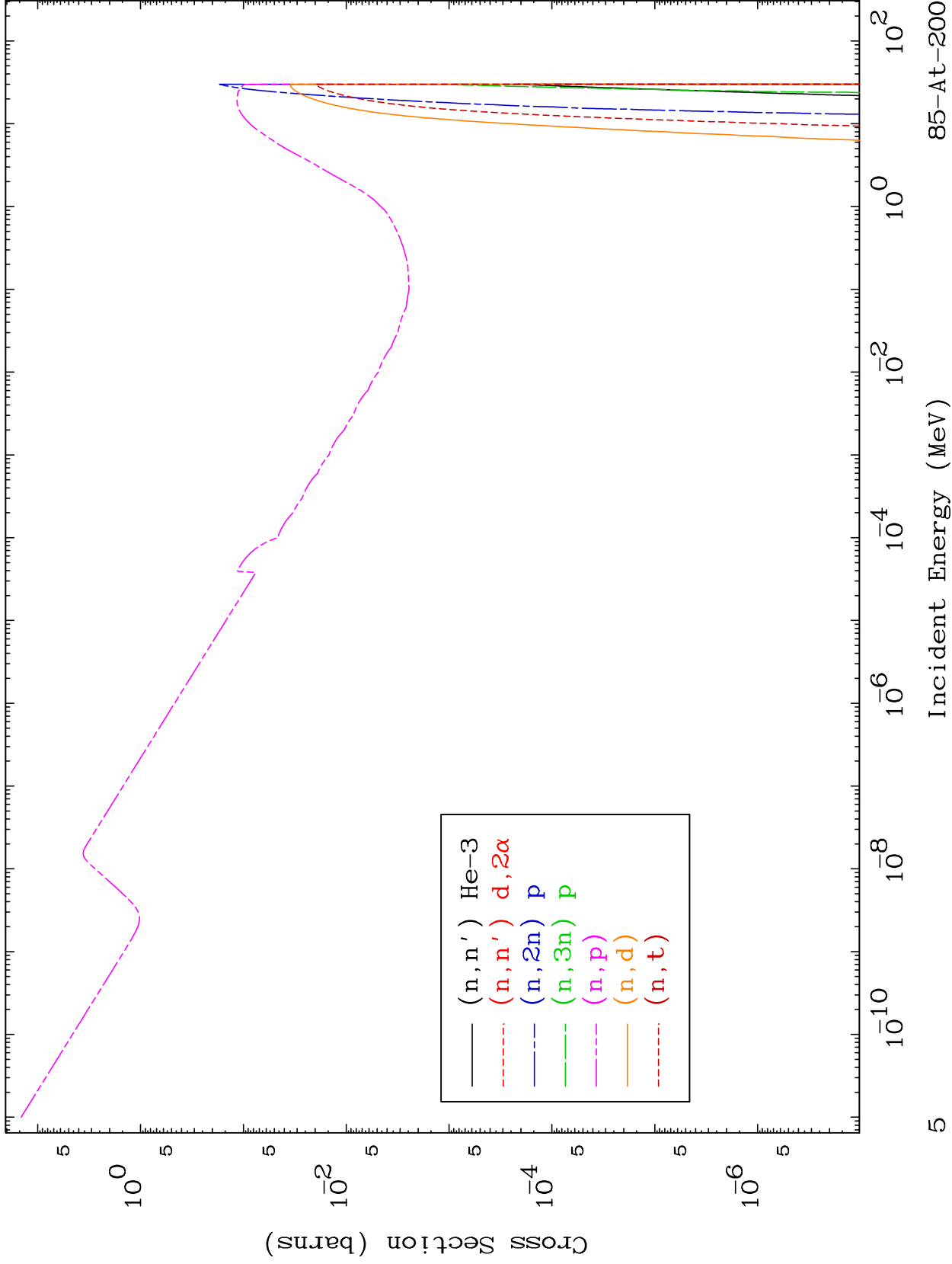
85-At-200



MAT 8517

Charged Particle  
293 Kelvin Cross Sections

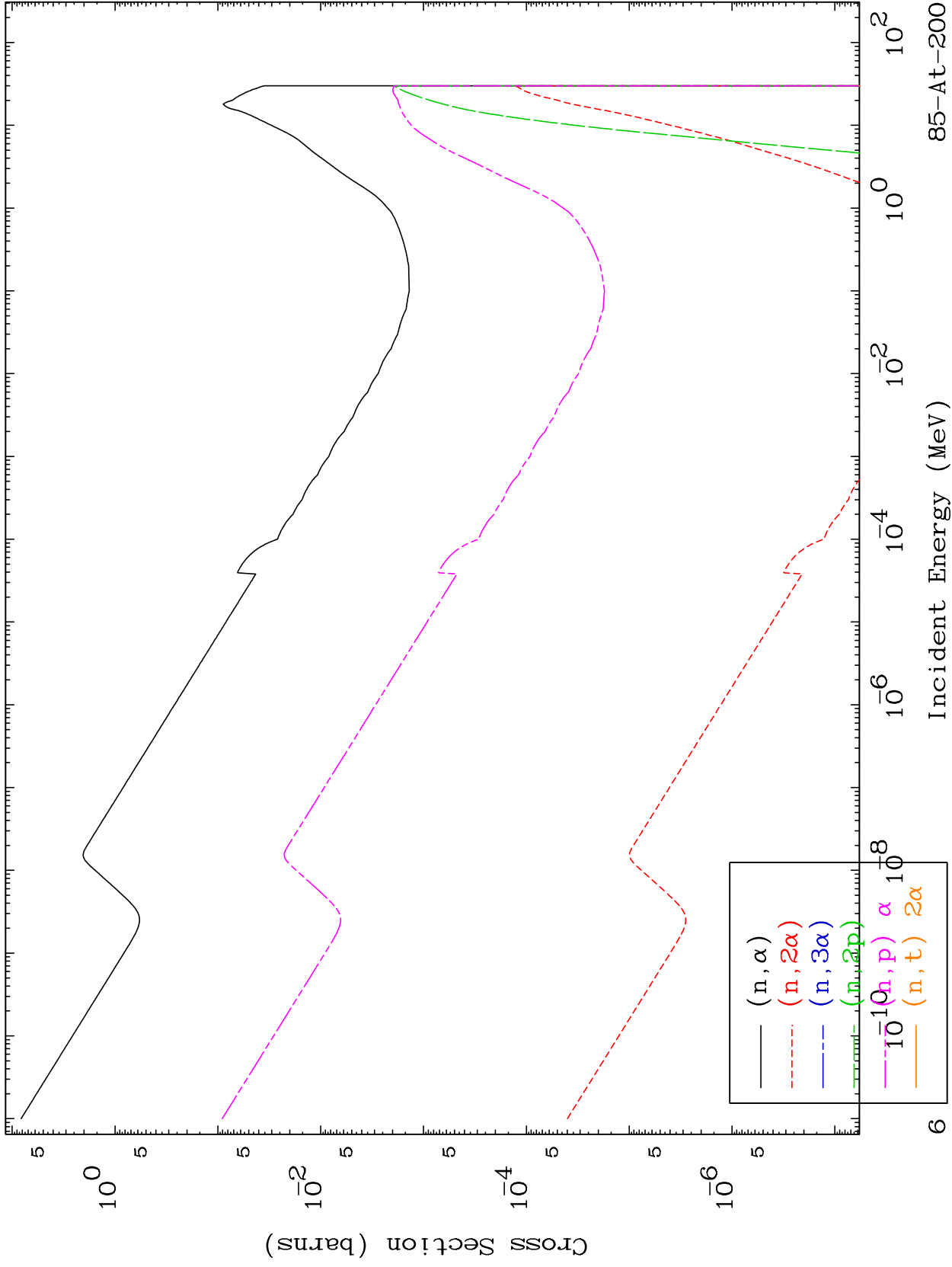
85-At-200



MAT 8517

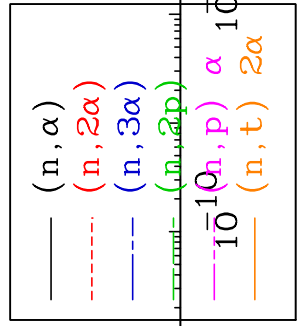
Charged Particle  
293 Kelvin Cross Sections

85-At-200



Incident Energy (MeV)

85-At-200

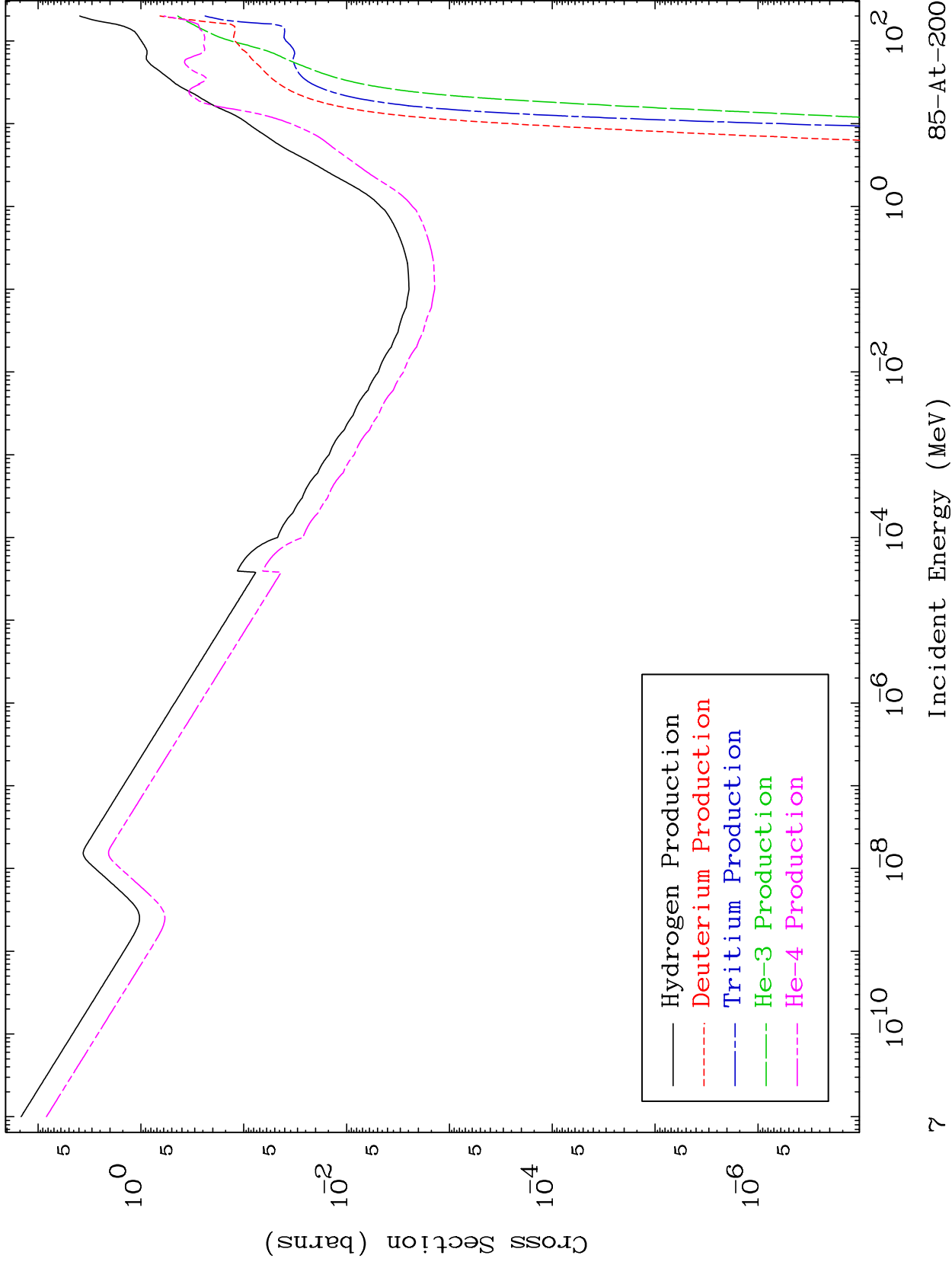


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MAT 8517

Particle Production  
293 Kelvin Cross Sections

85-At-200

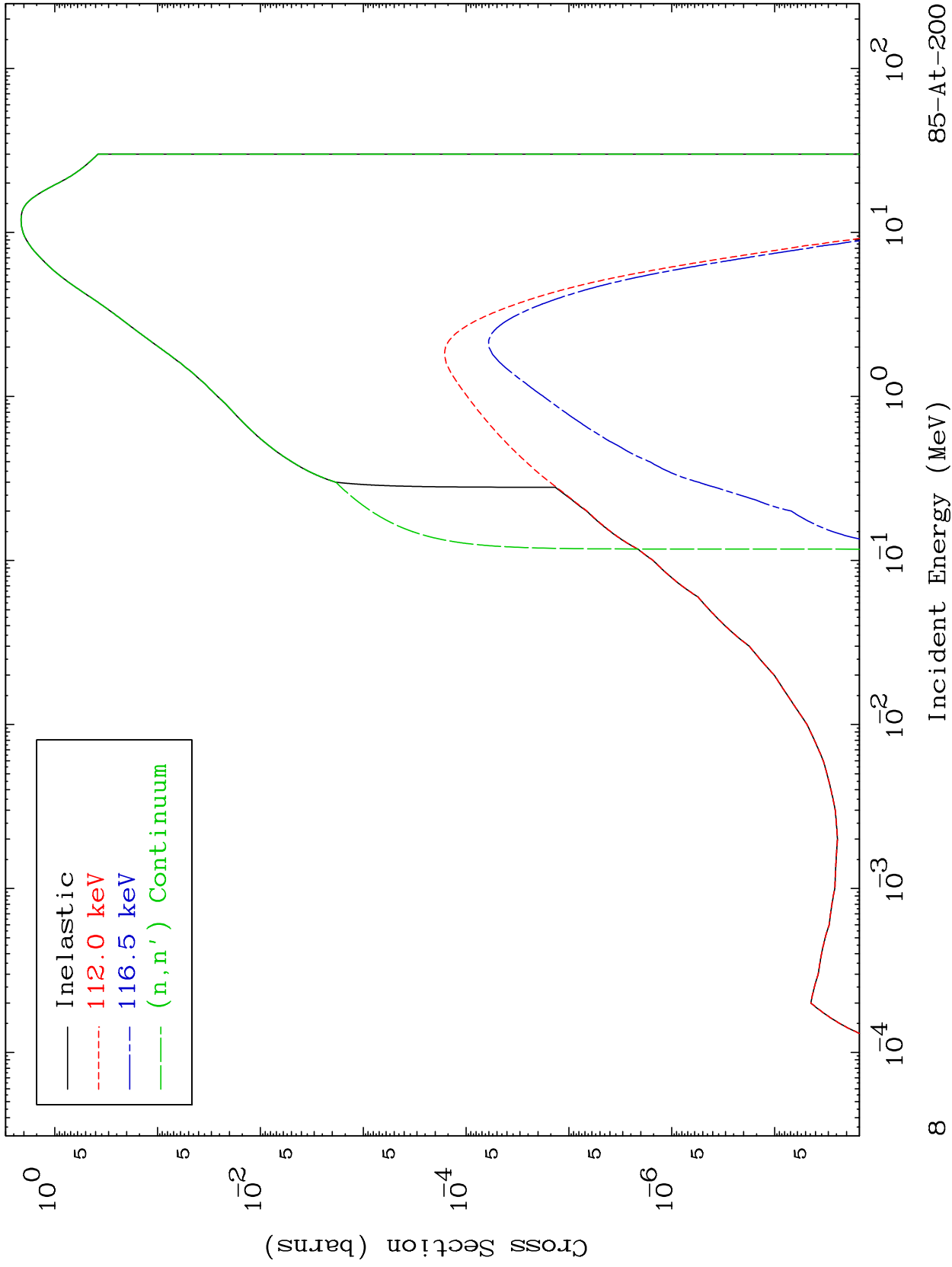




MAT 8517

(n,n') Level  
293 Kelvin Cross Sections

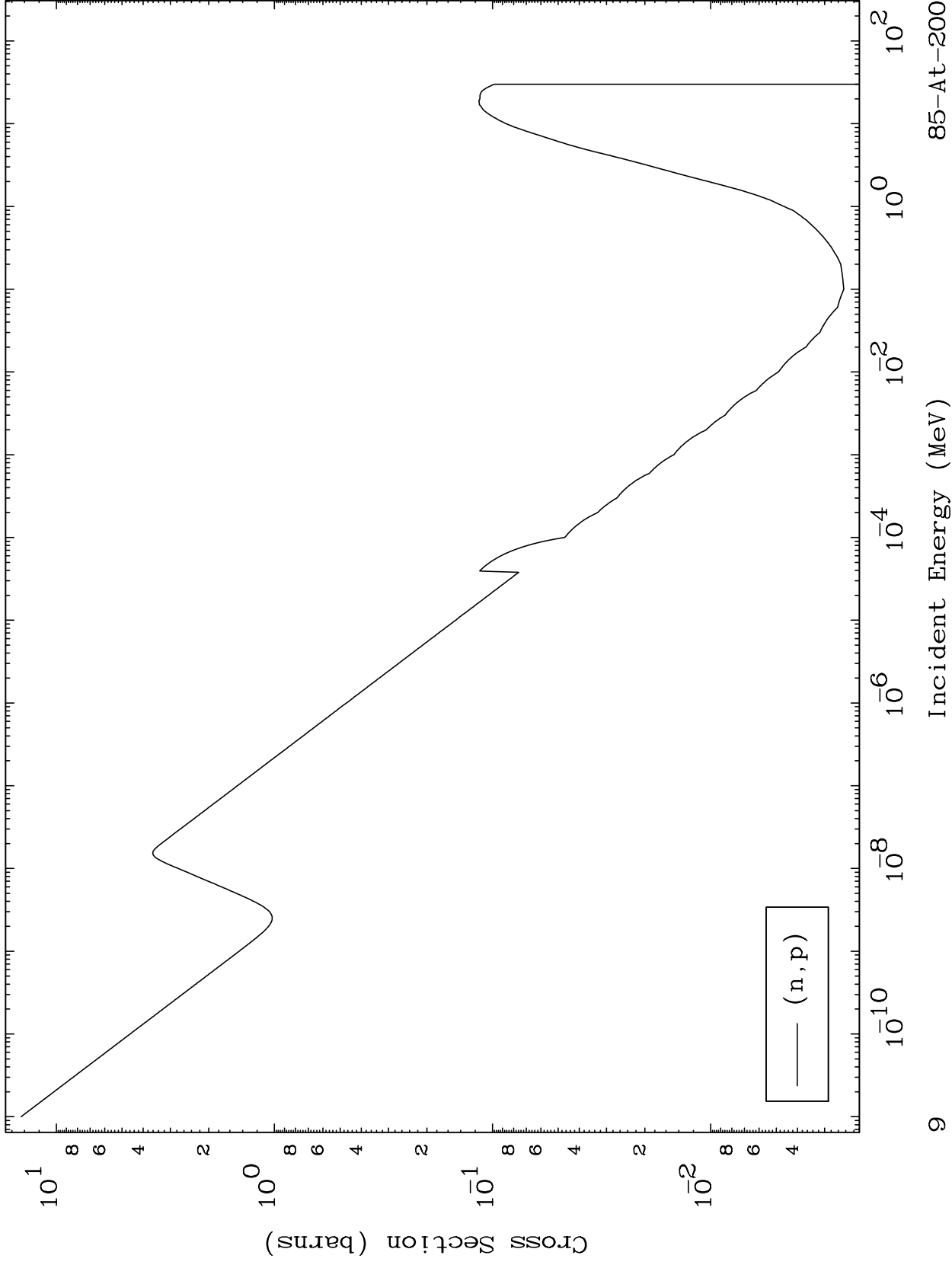
85-At-200



MAT 8517

(n,p) Levels  
293 Kelvin Cross Sections

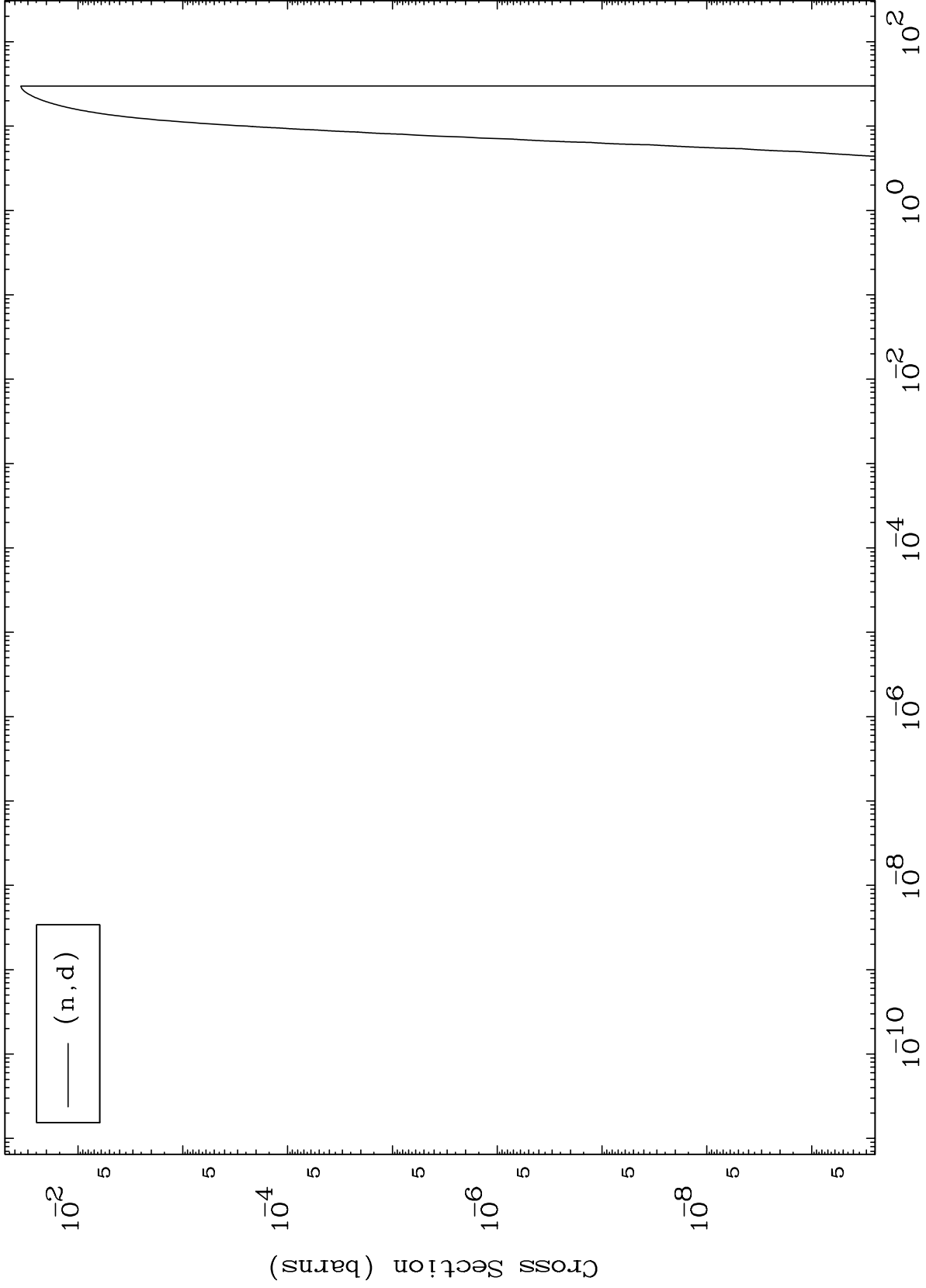
85-At-200



MAT 8517

(n,d) Levels  
293 Kelvin Cross Sections

85-At-200



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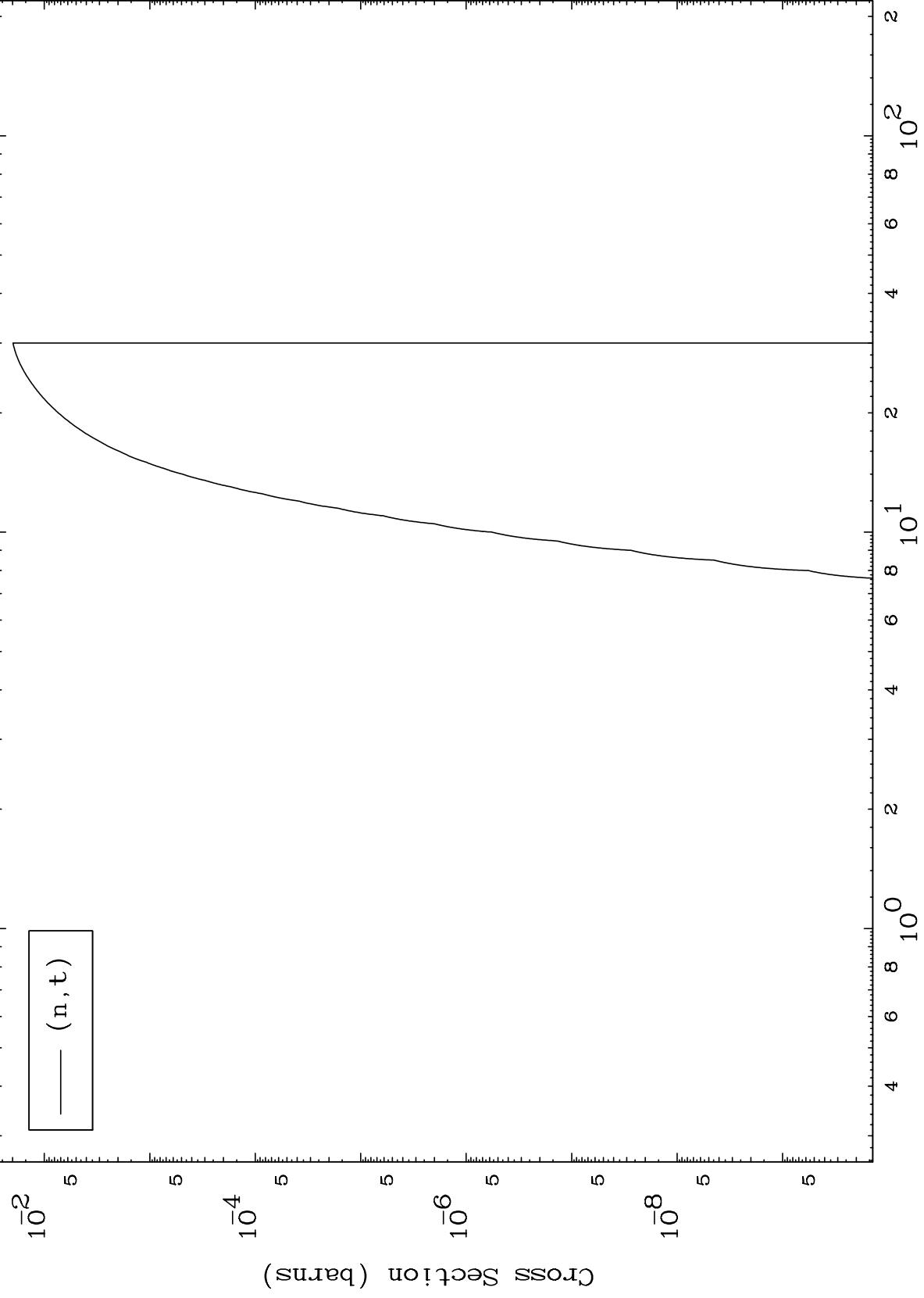
Incident Energy (MeV)

85-At-200

MAT 8517

(n,t) Levels  
293 Kelvin Cross Sections

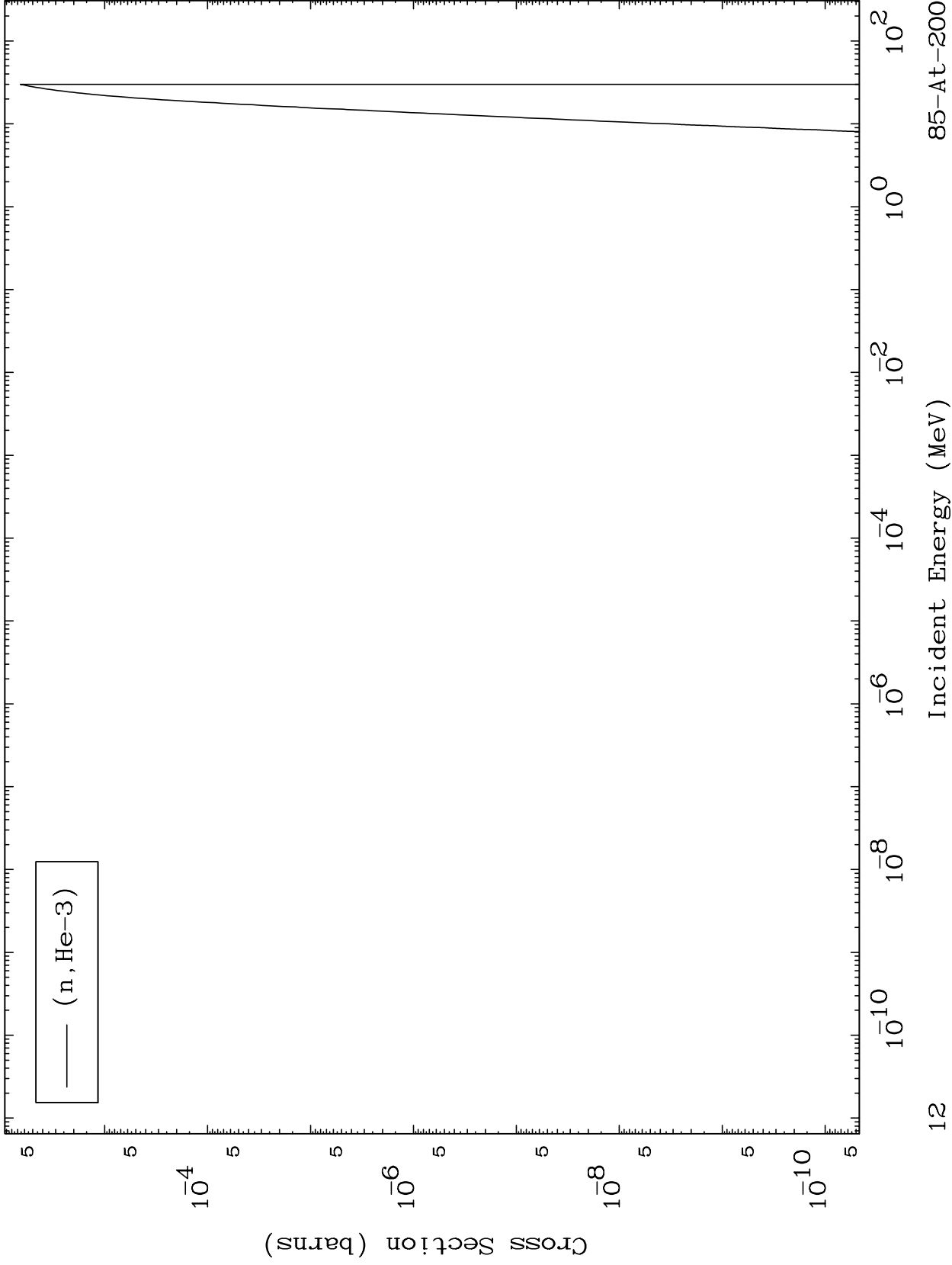
85-At-200



MAT 8517

(n,He3) Levels  
293 Kelvin Cross Sections

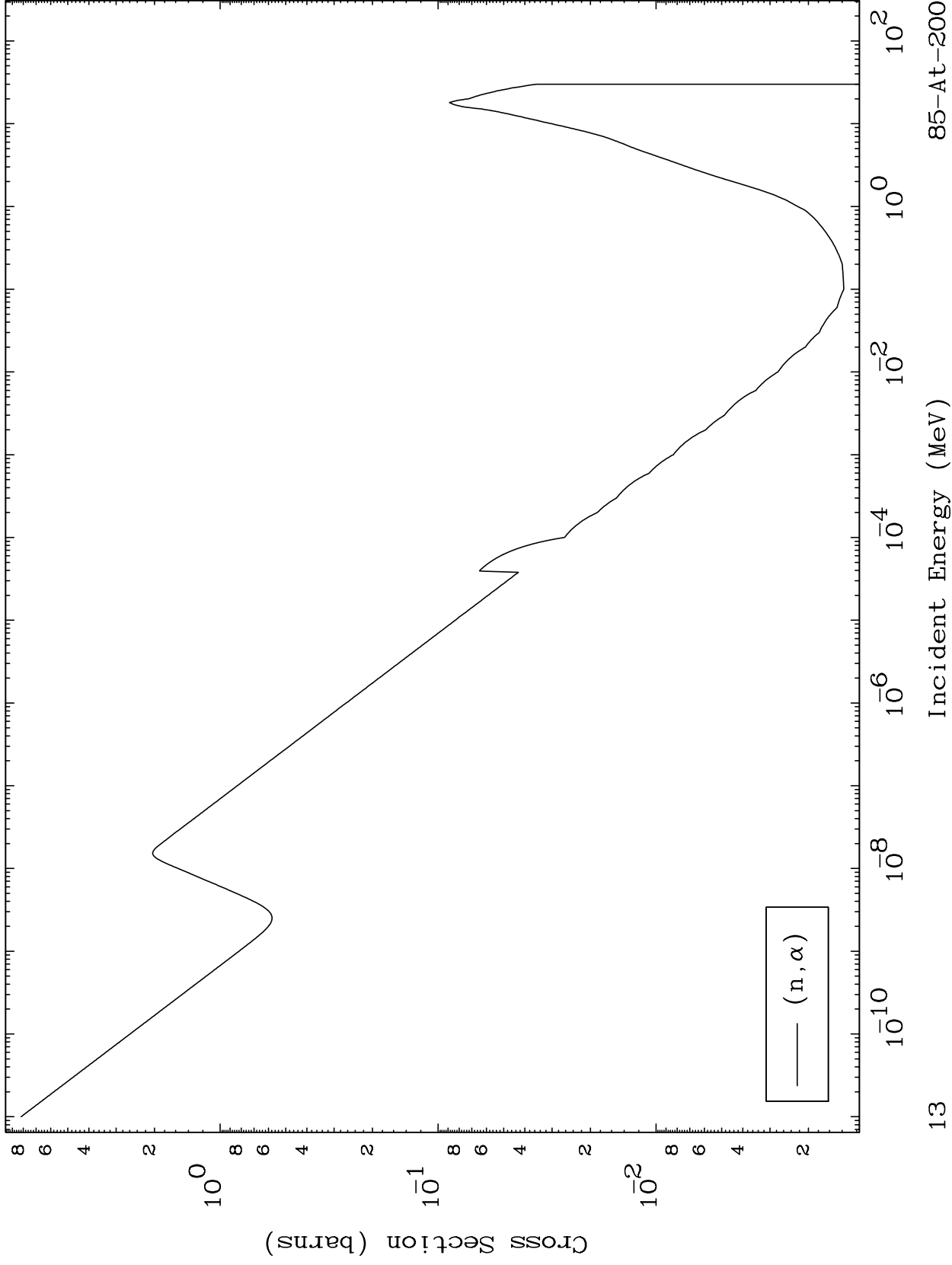
85-At-200

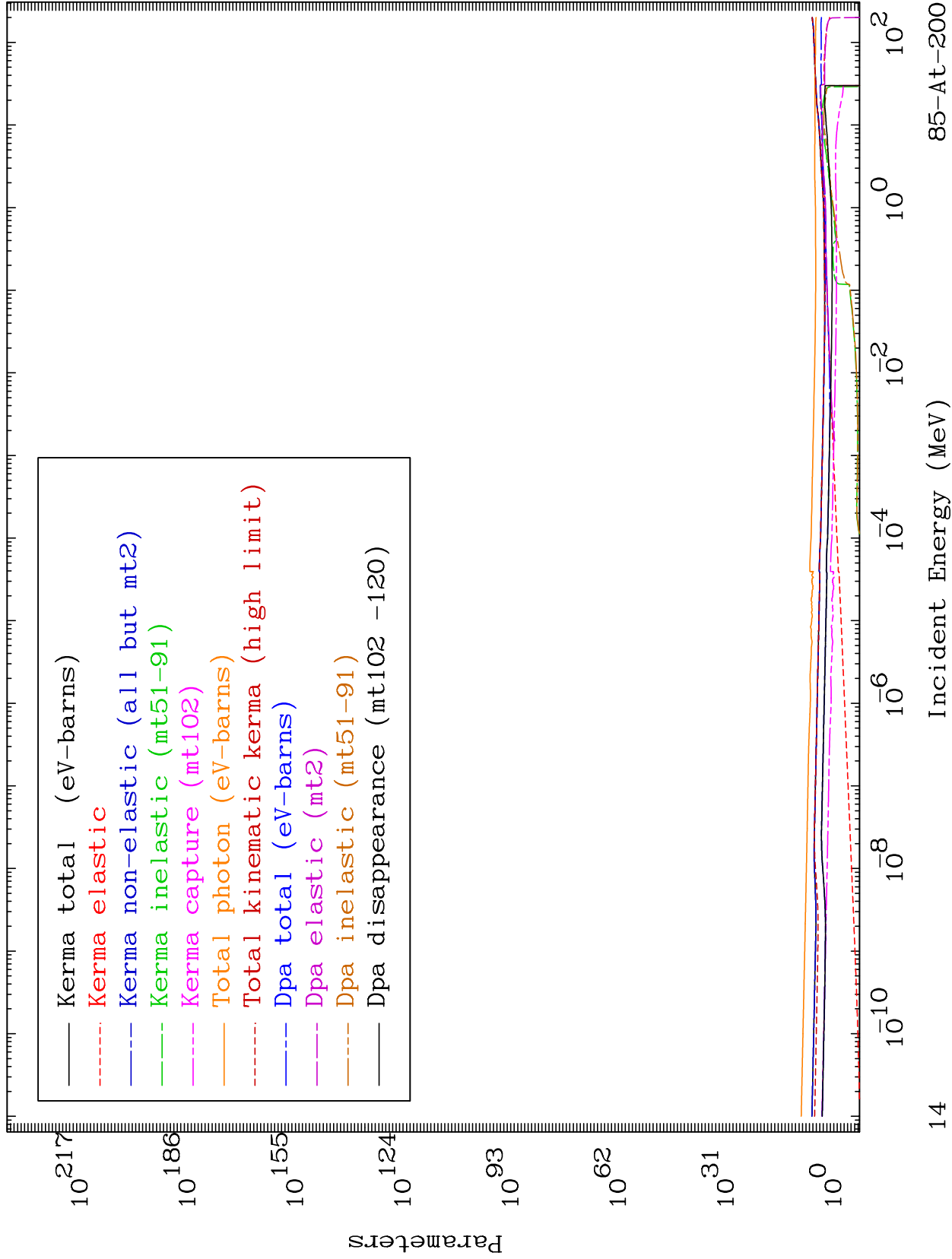


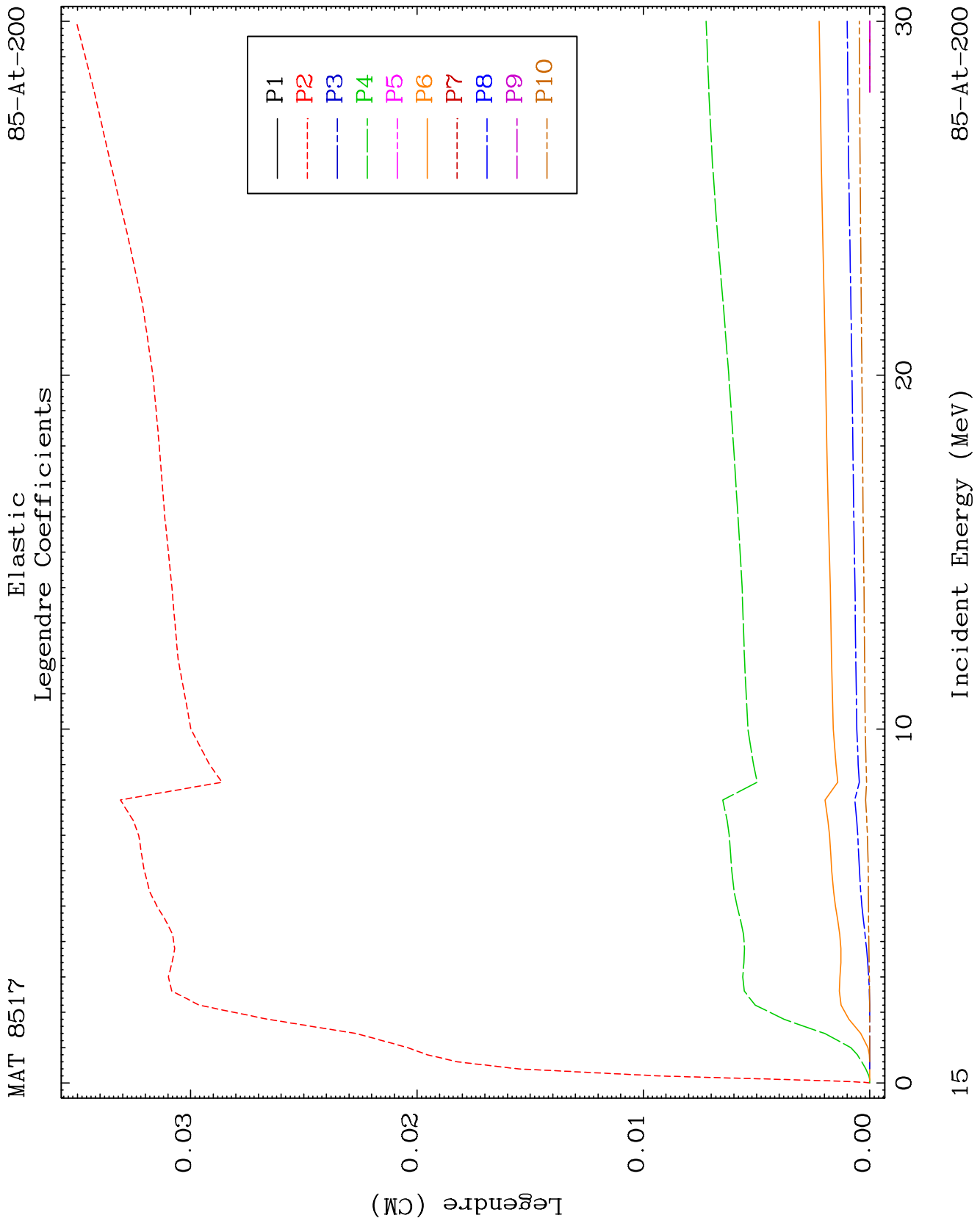
MAT 8517

(n,α) Levels  
293 Kelvin Cross Sections

85-At-200





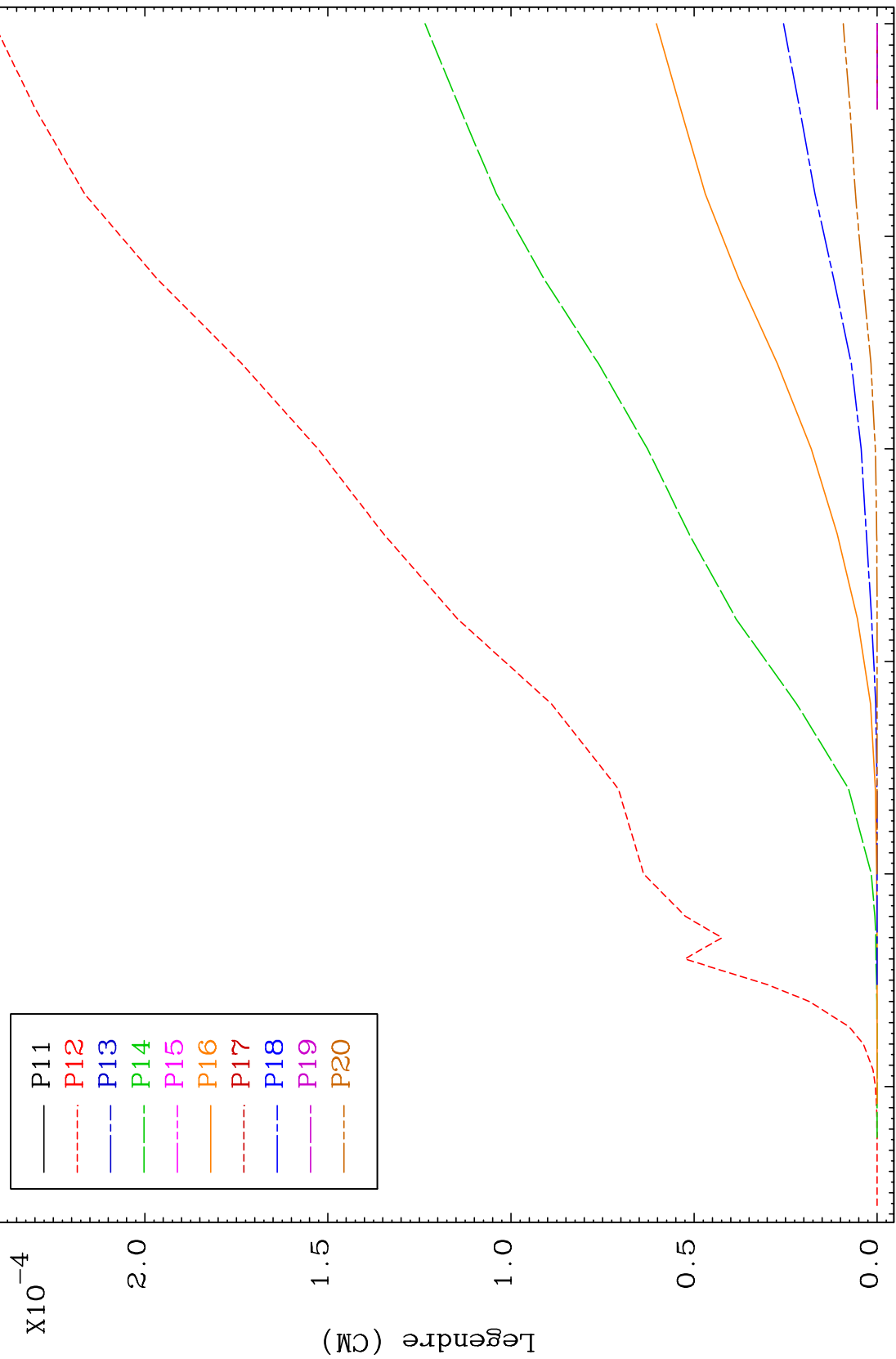
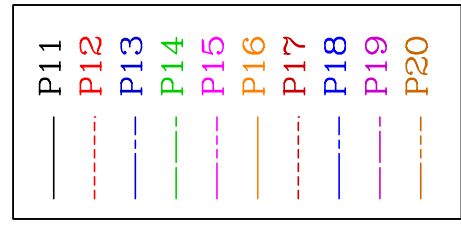




MAT 8517

Elastic Legendre Coefficients

85-At-200



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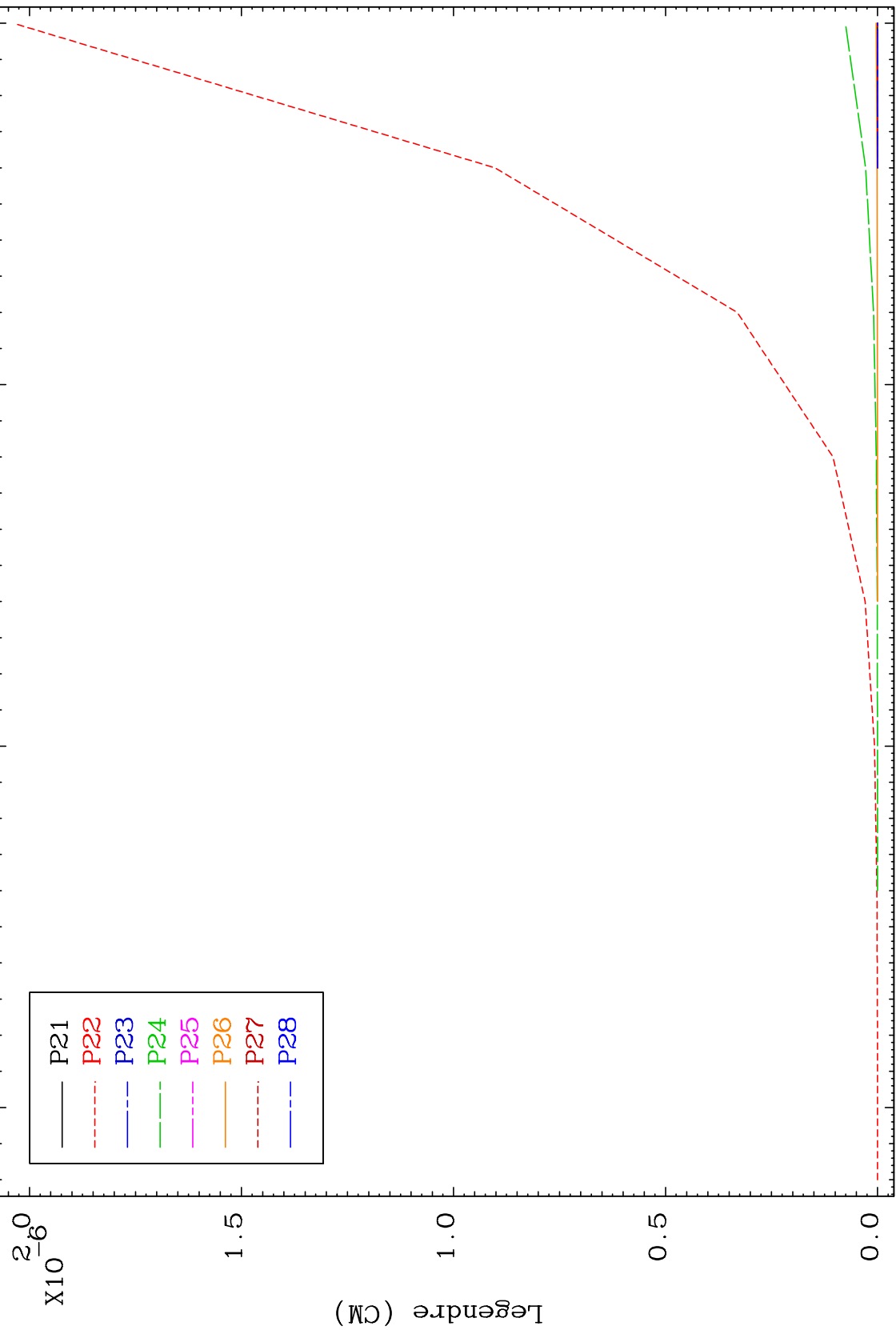
Incident Energy (MeV)

85-At-200

MAT 8517

Elastic  
Legendre Coefficients

85-At-200



17

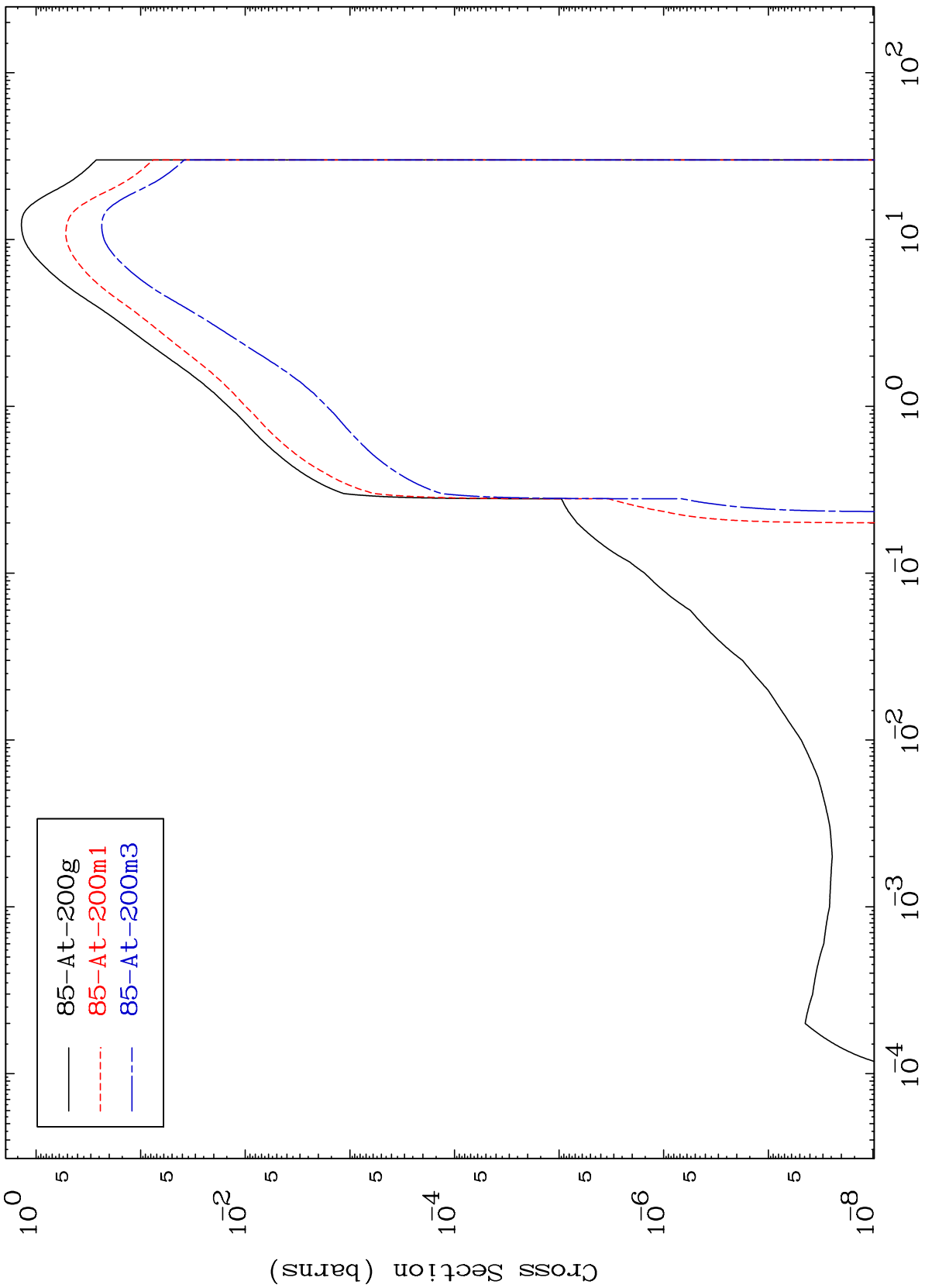
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

Inelastic  
Radionuclide Production Cross Section

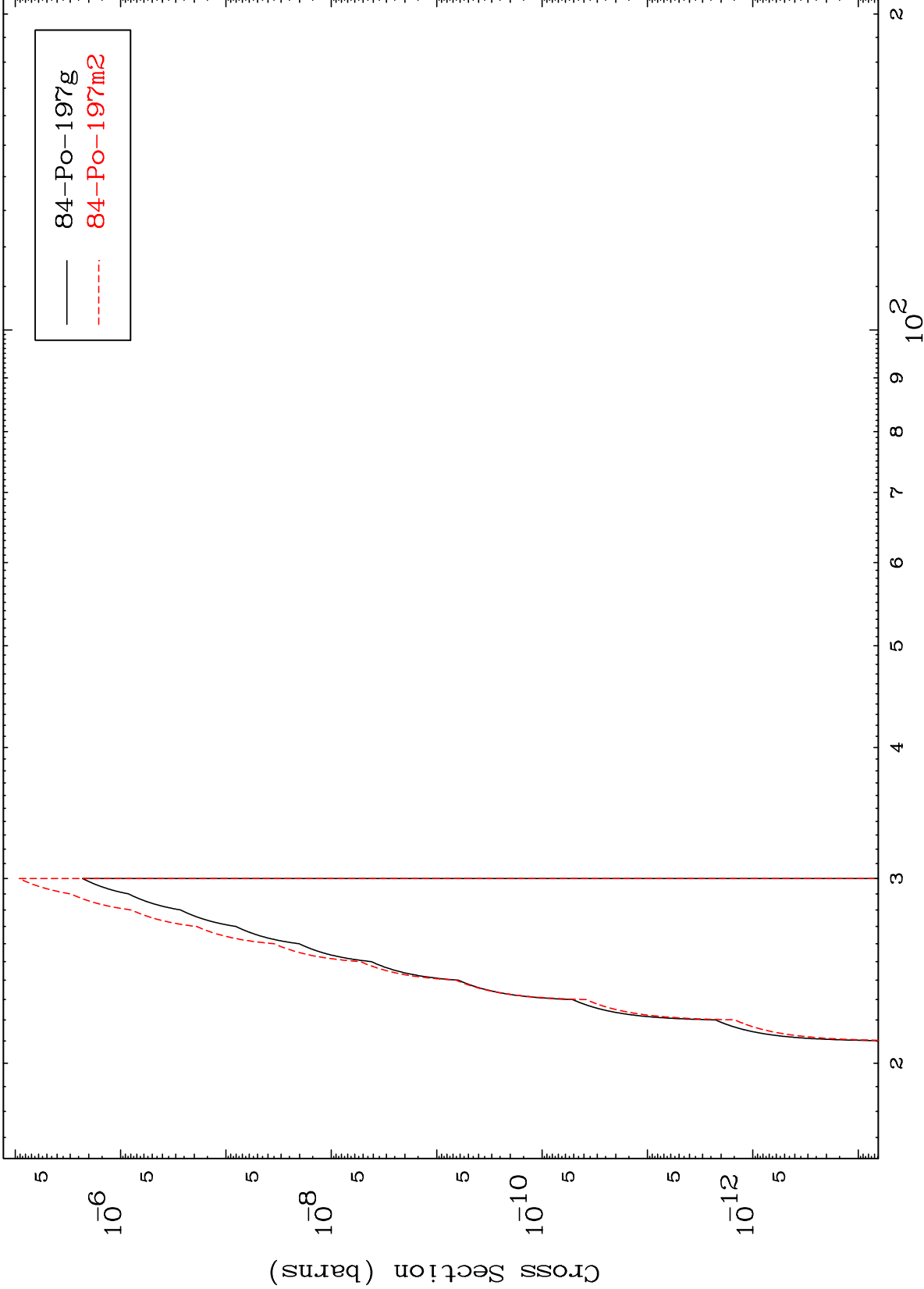


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85-At-200

Incident Energy (MeV)

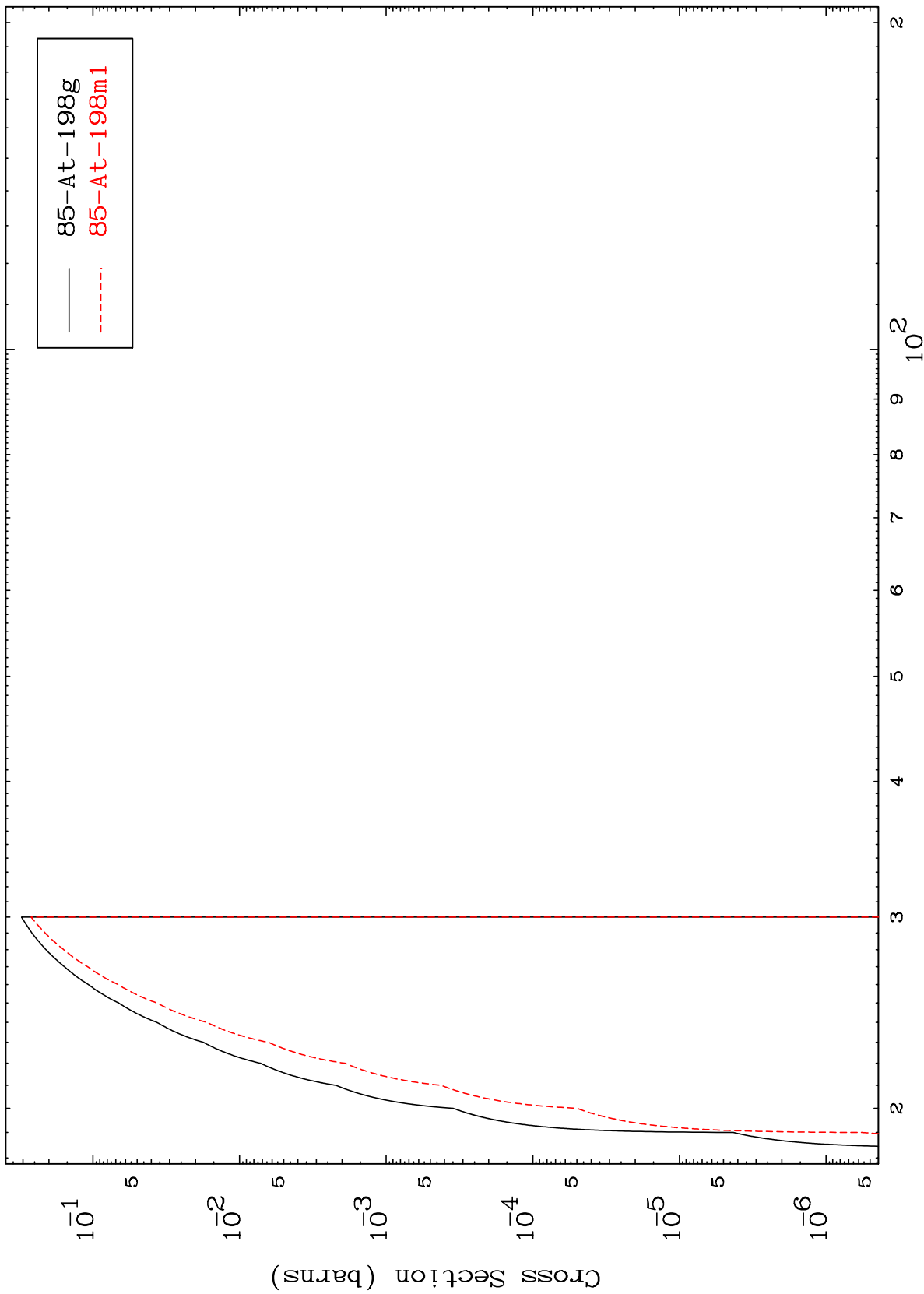
Radionuclide Production Cross Section



MAT 8517

85-At-200

(n,3n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

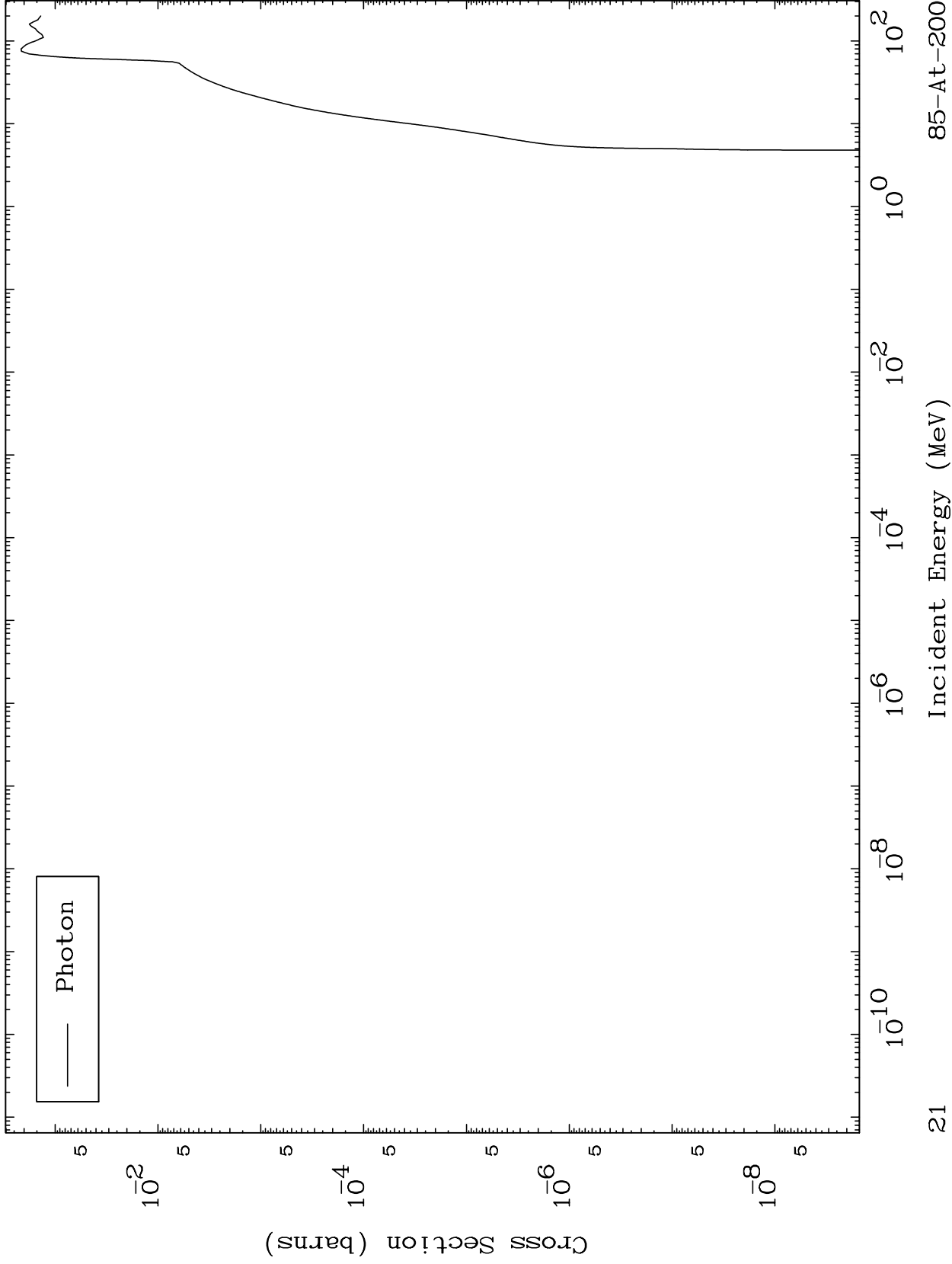
85-At-200

MAT 8517

Fission

85-At-200

Radionuclide Production Cross Section

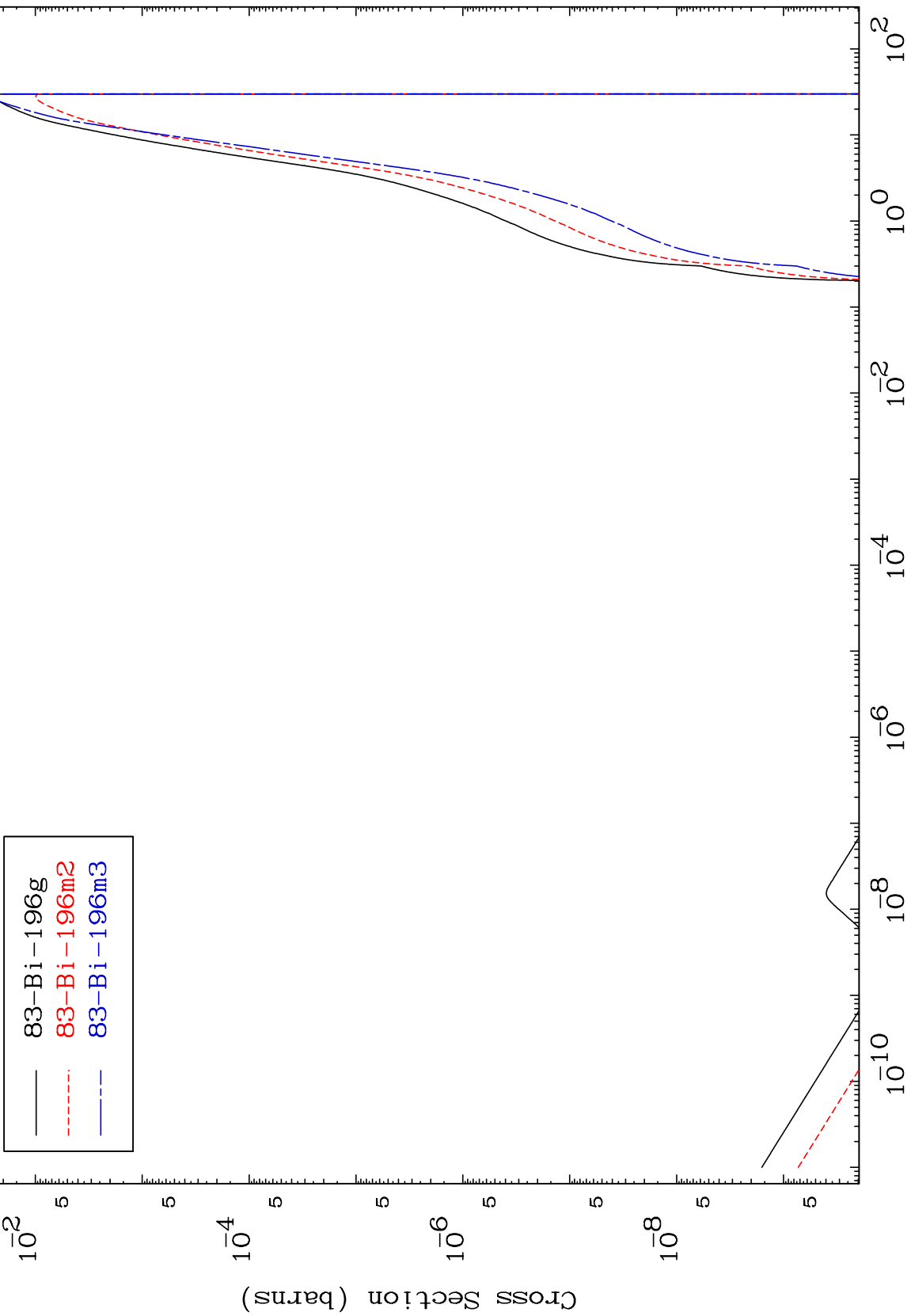
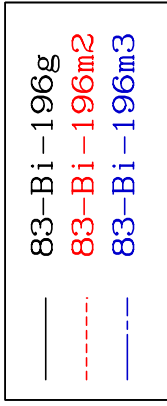


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$(n, n') \alpha$

85-At-200

Radionuclide Production Cross Section

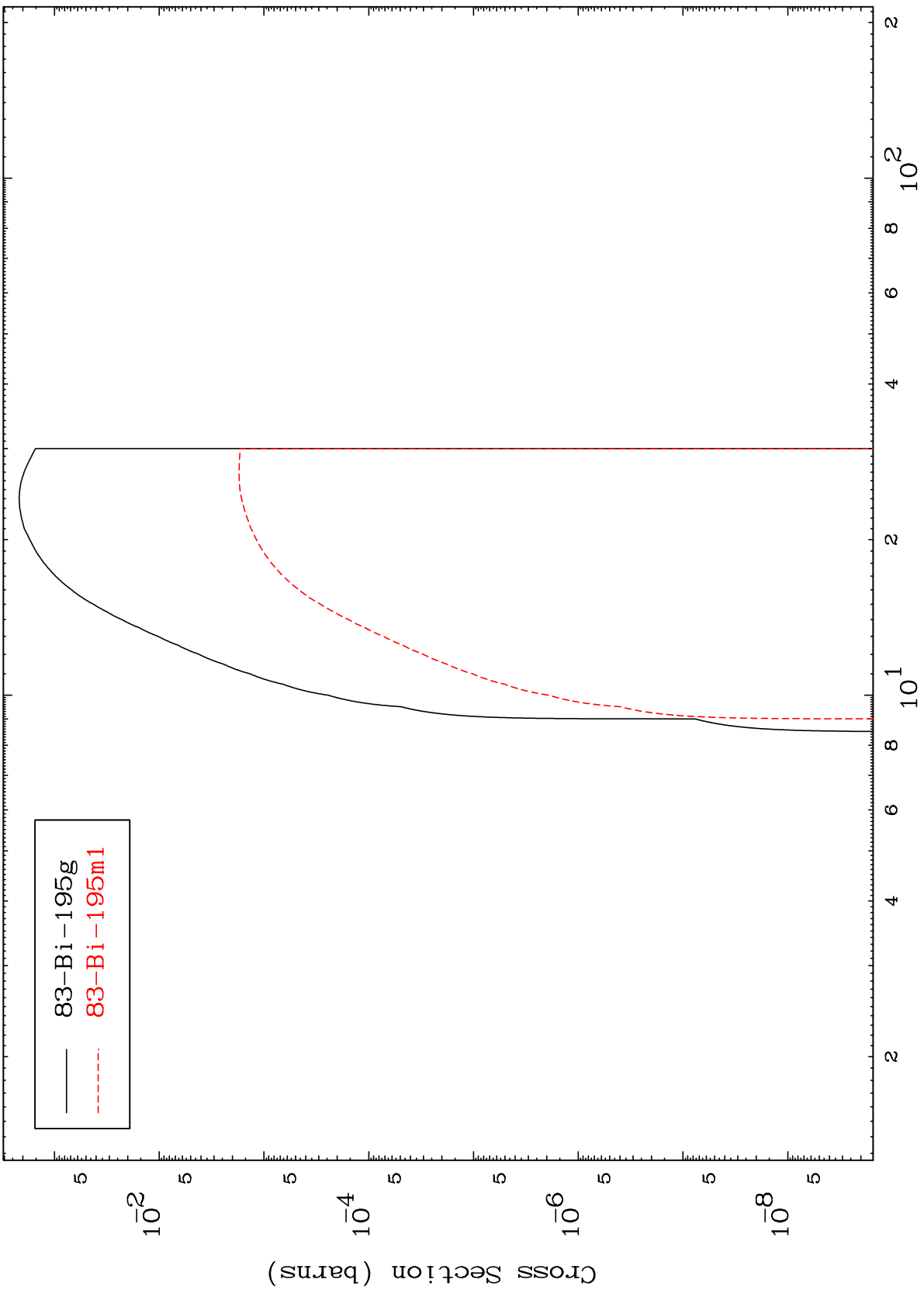


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(n,2n)  $\alpha$

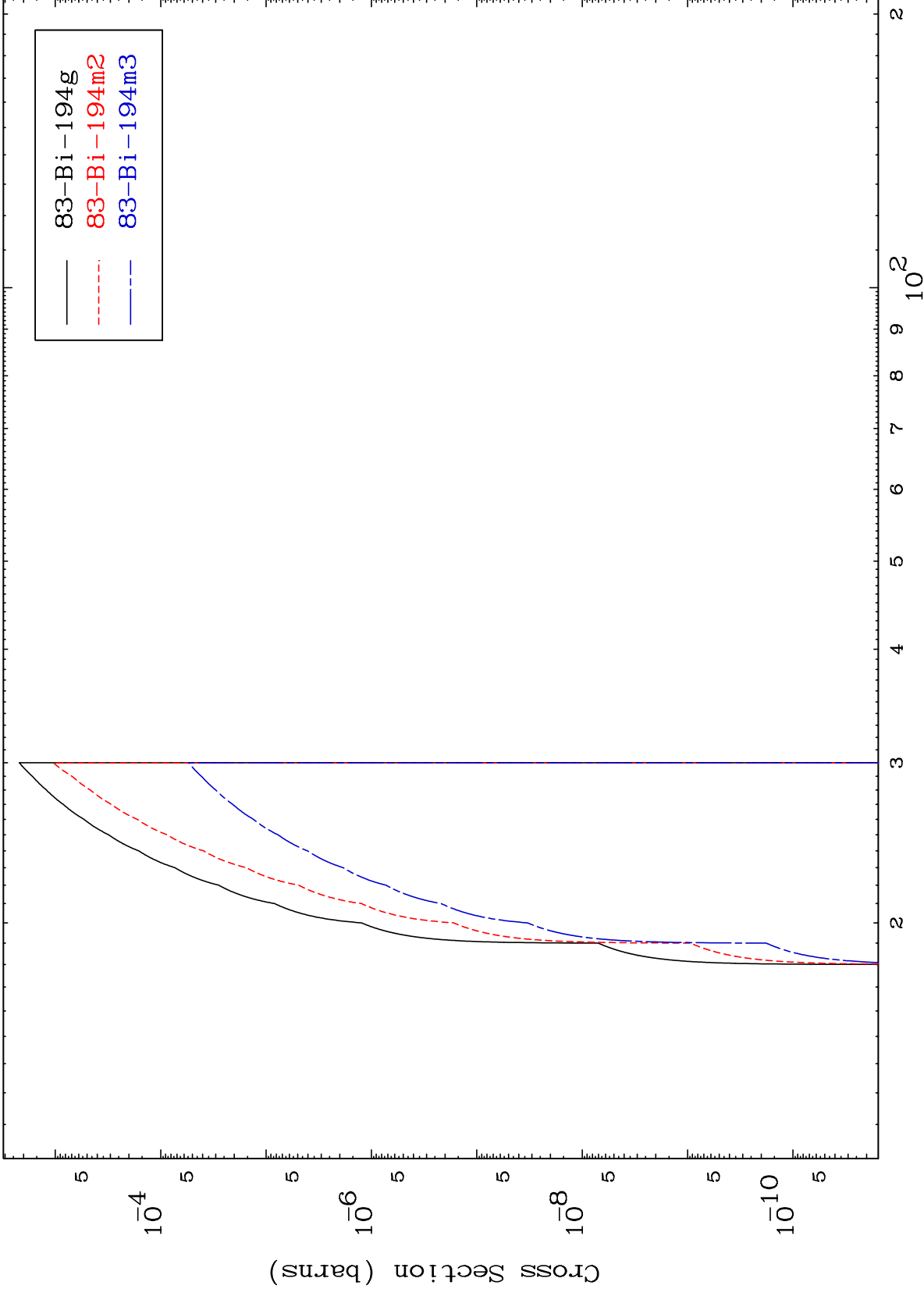
85-At-200

Radionuclide Production Cross Section





Radionuclide Production Cross Section



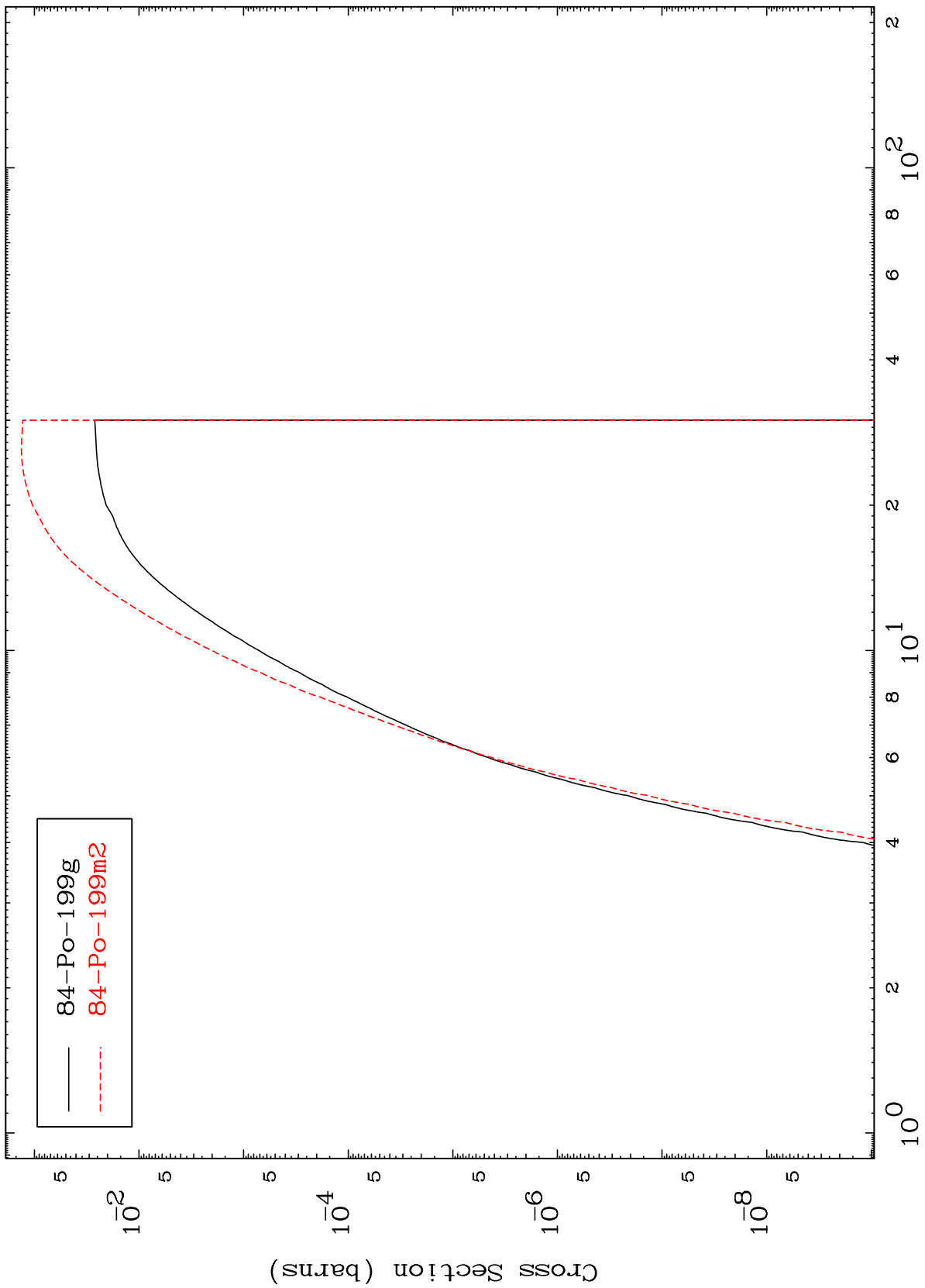
83-Bi-194g  
83-Bi-194m2  
83-Bi-194m3

MAT 8517

(n,n') p

85-At-200

Radionuclide Production Cross Section



25

Incident Energy (MeV)

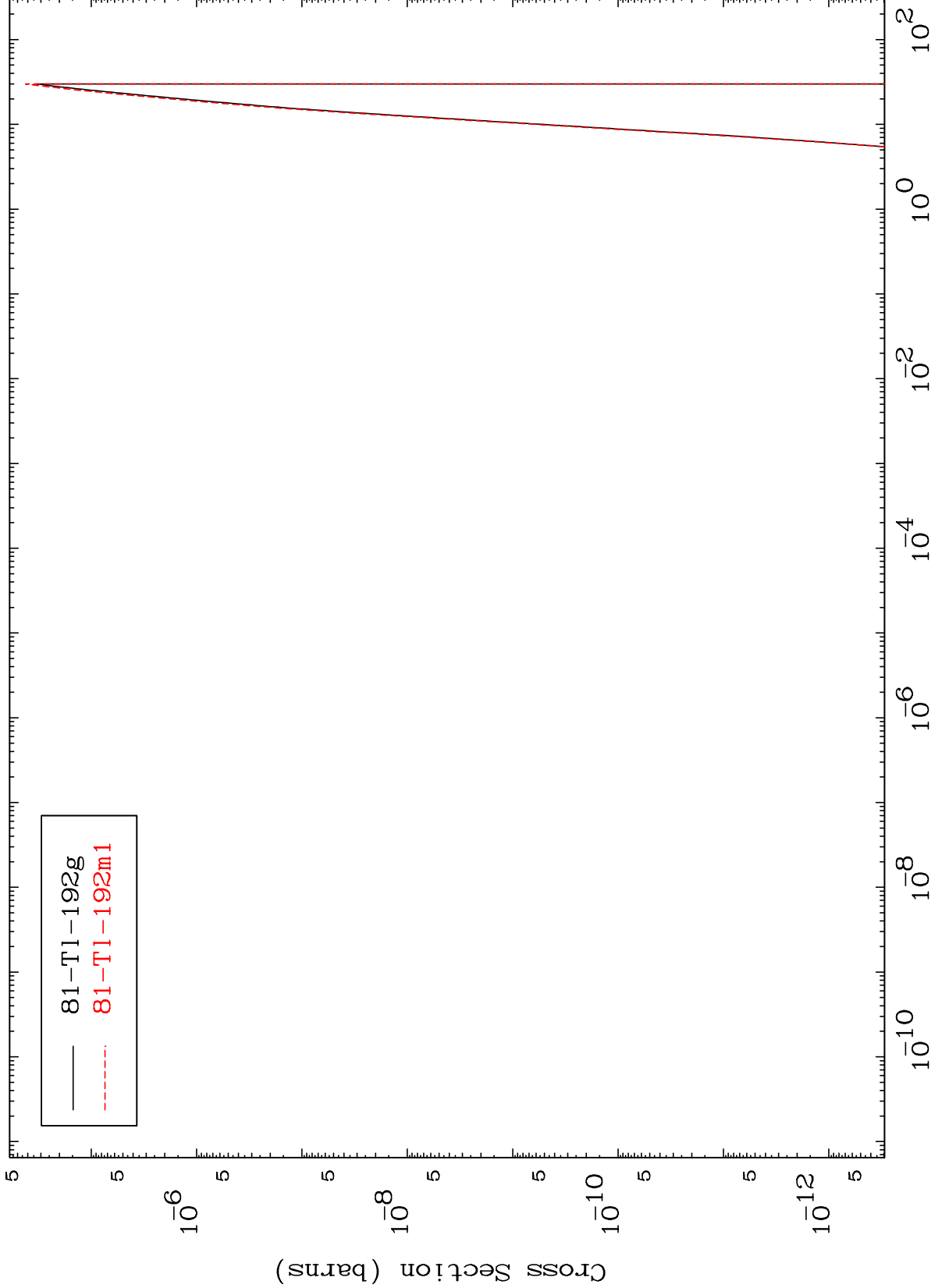
85-At-200

MAT 8517

(n,n') 2α

85-At-200

Radionuclide Production Cross Section



26

Incident Energy (MeV)

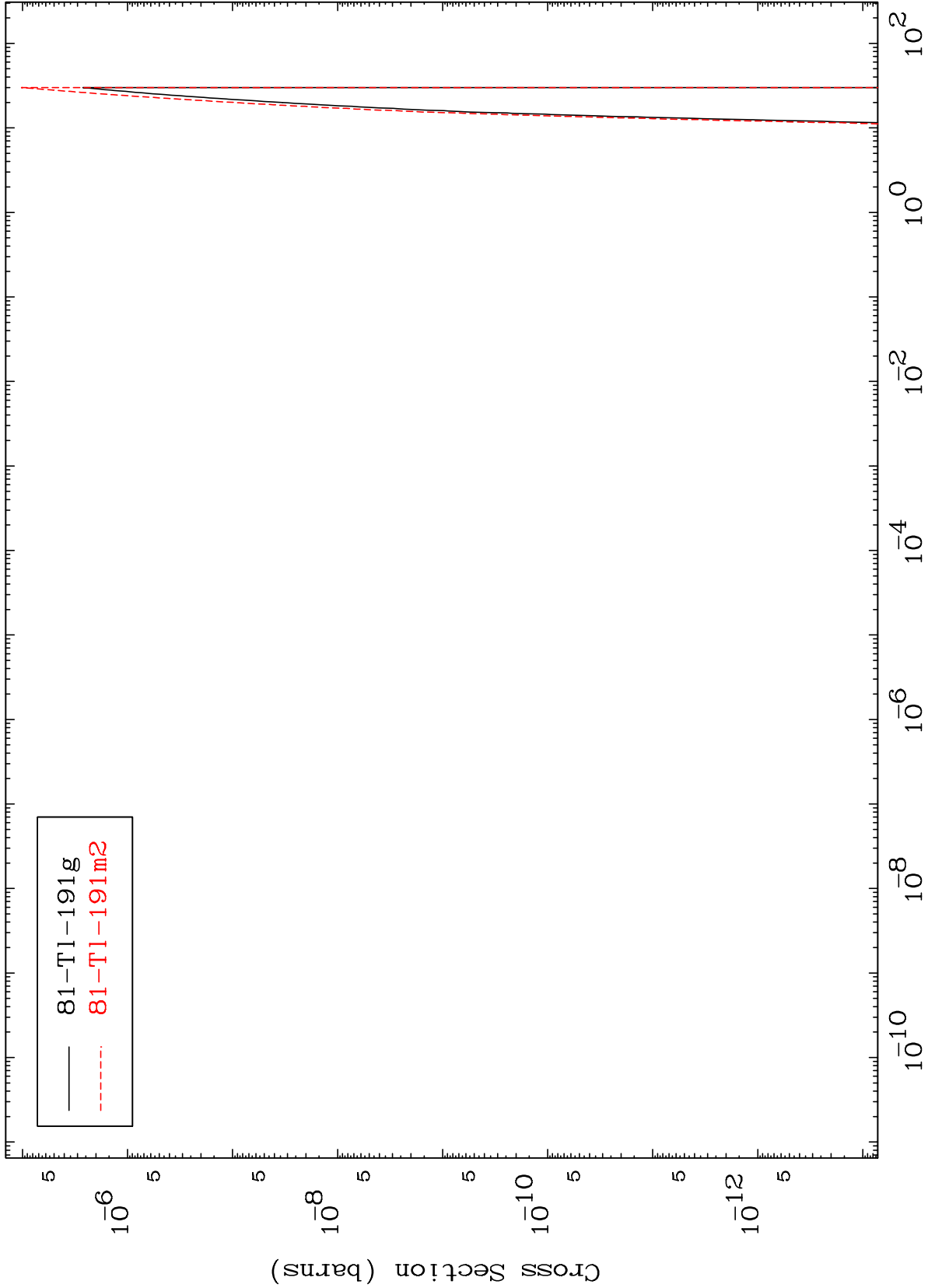
85-At-200

MAT 8517

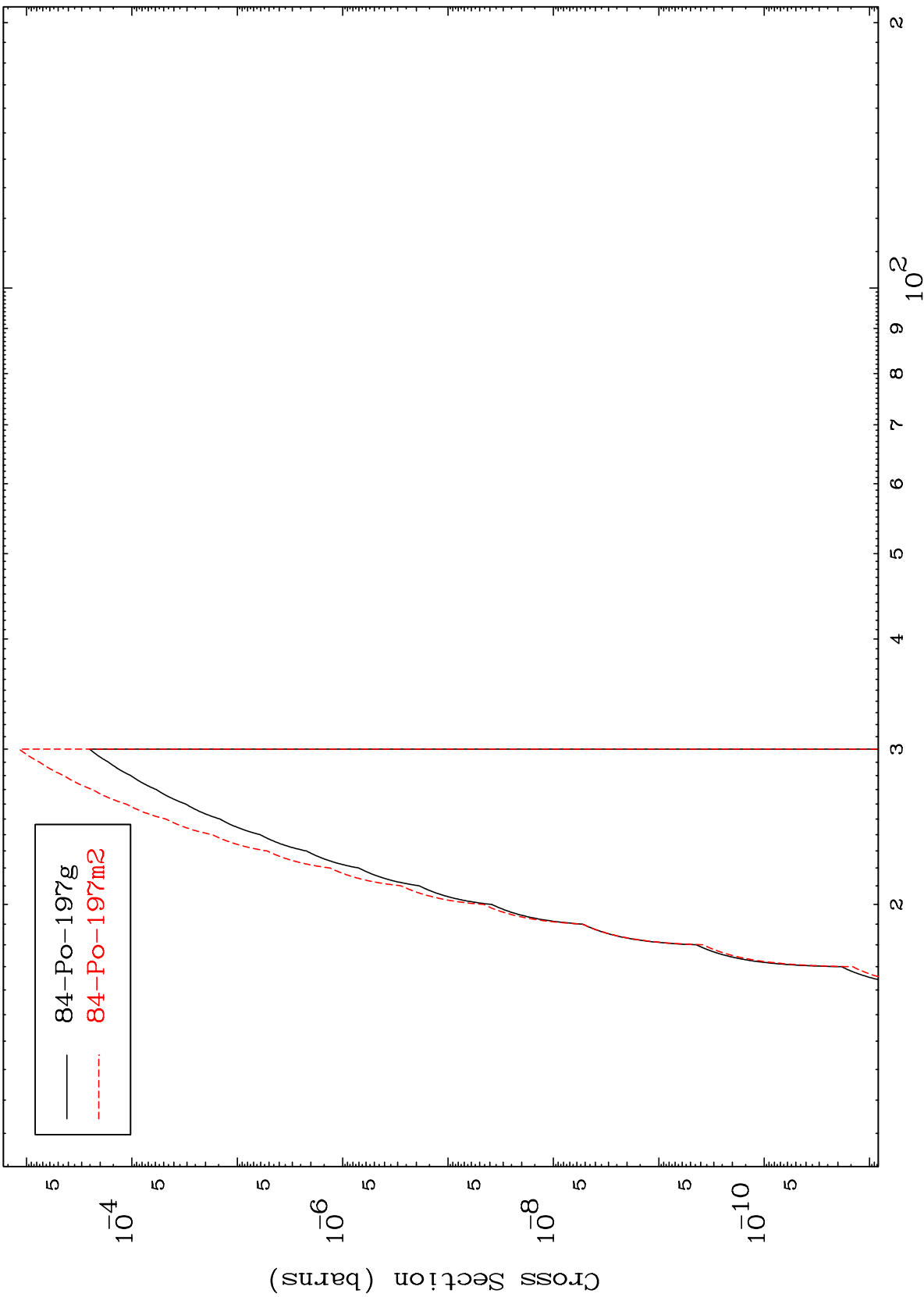
(n,2n) 2α

85-At-200

Radionuclide Production Cross Section



Radionuclide Production Cross Section

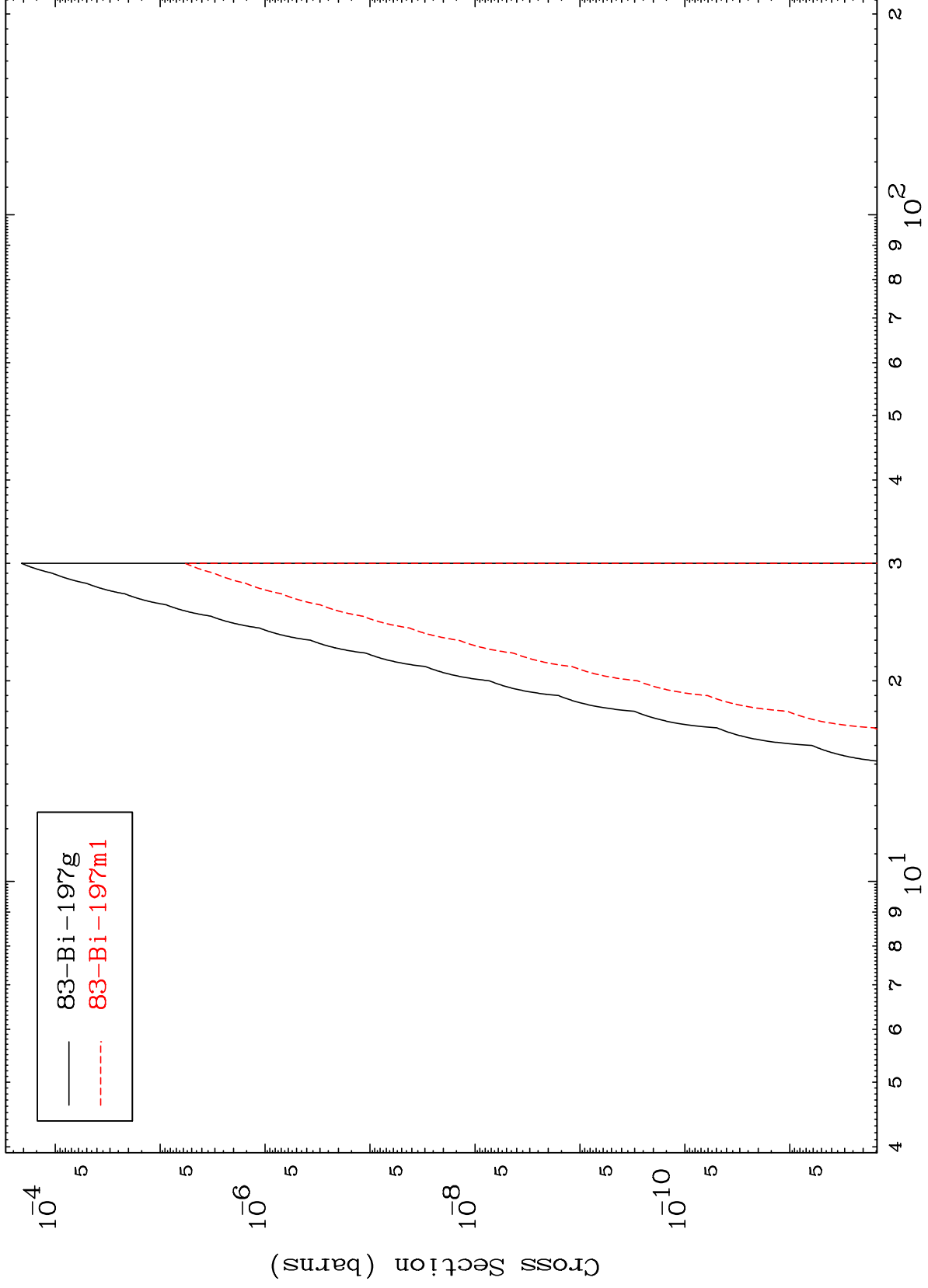


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(n,n') He-3

85-At-200

Radionuclide Production Cross Section



29

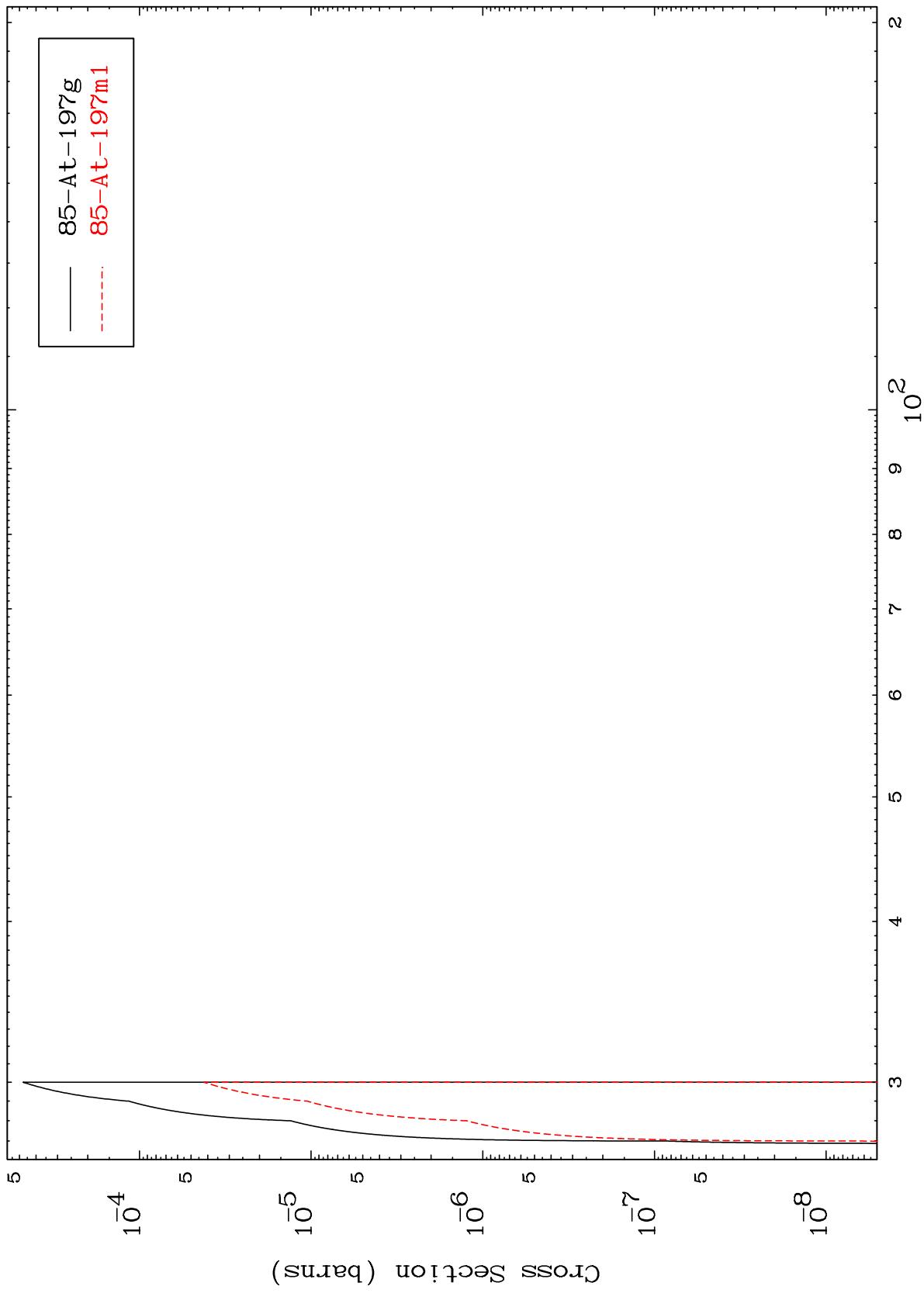
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

(n,4n)  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

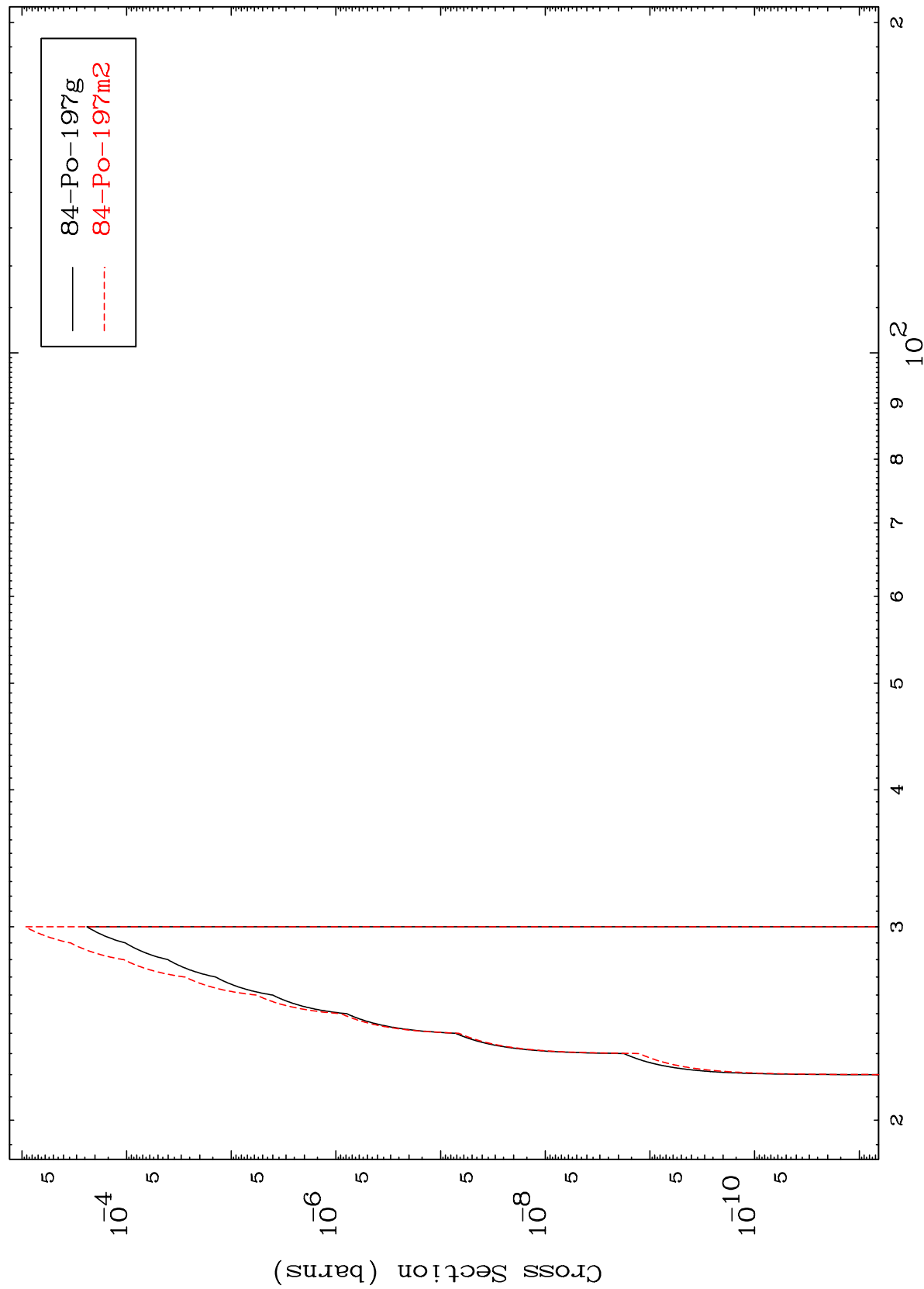
85-At-200

MAT 8517

(n,3n) p

85-At-200

Radionuclide Production Cross Section



31

Incident Energy (MeV)

85-At-200

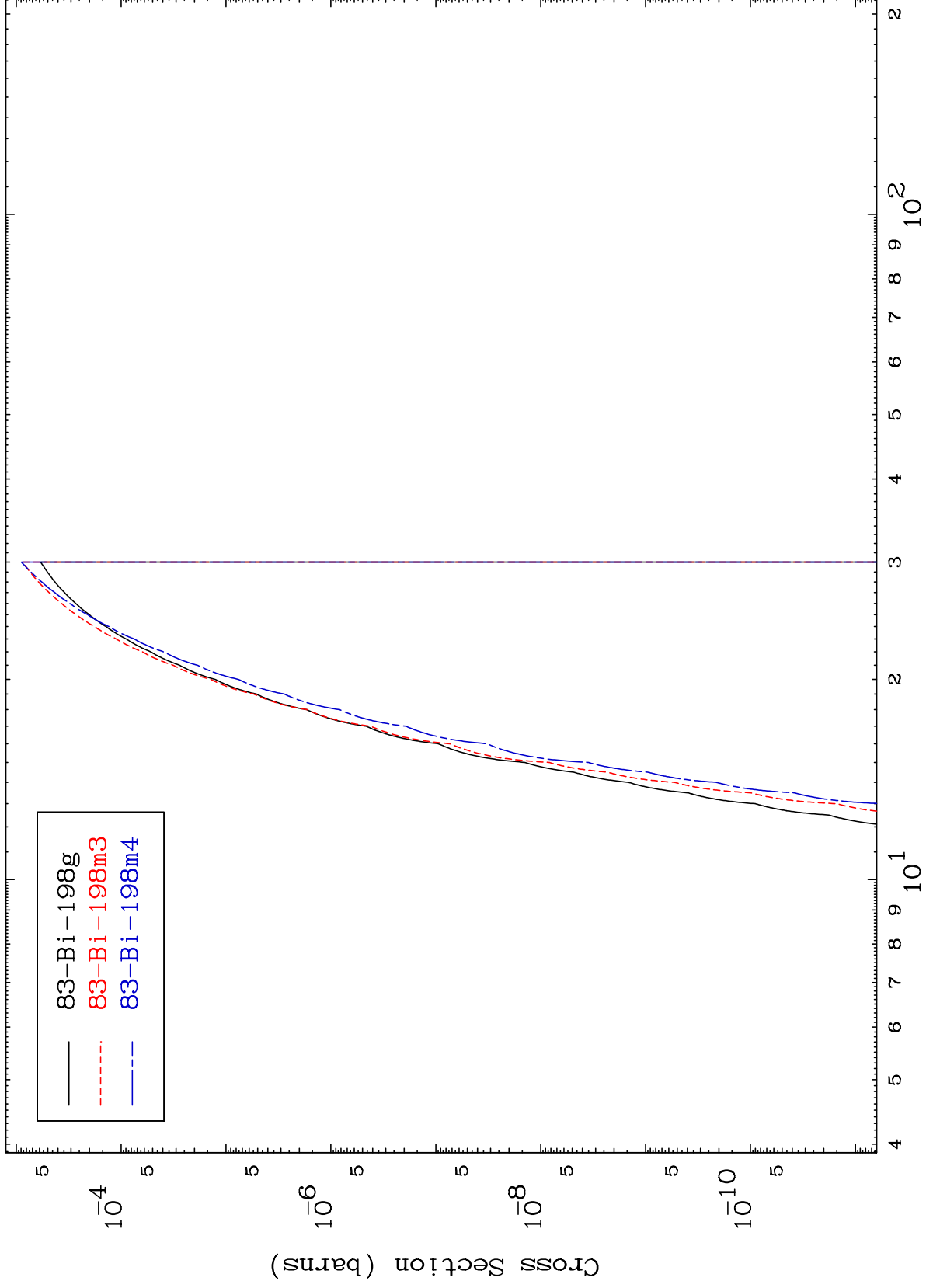


MAT 8517

(n,2n) p

85-At-200

Radionuclide Production Cross Section



32

Incident Energy (MeV)

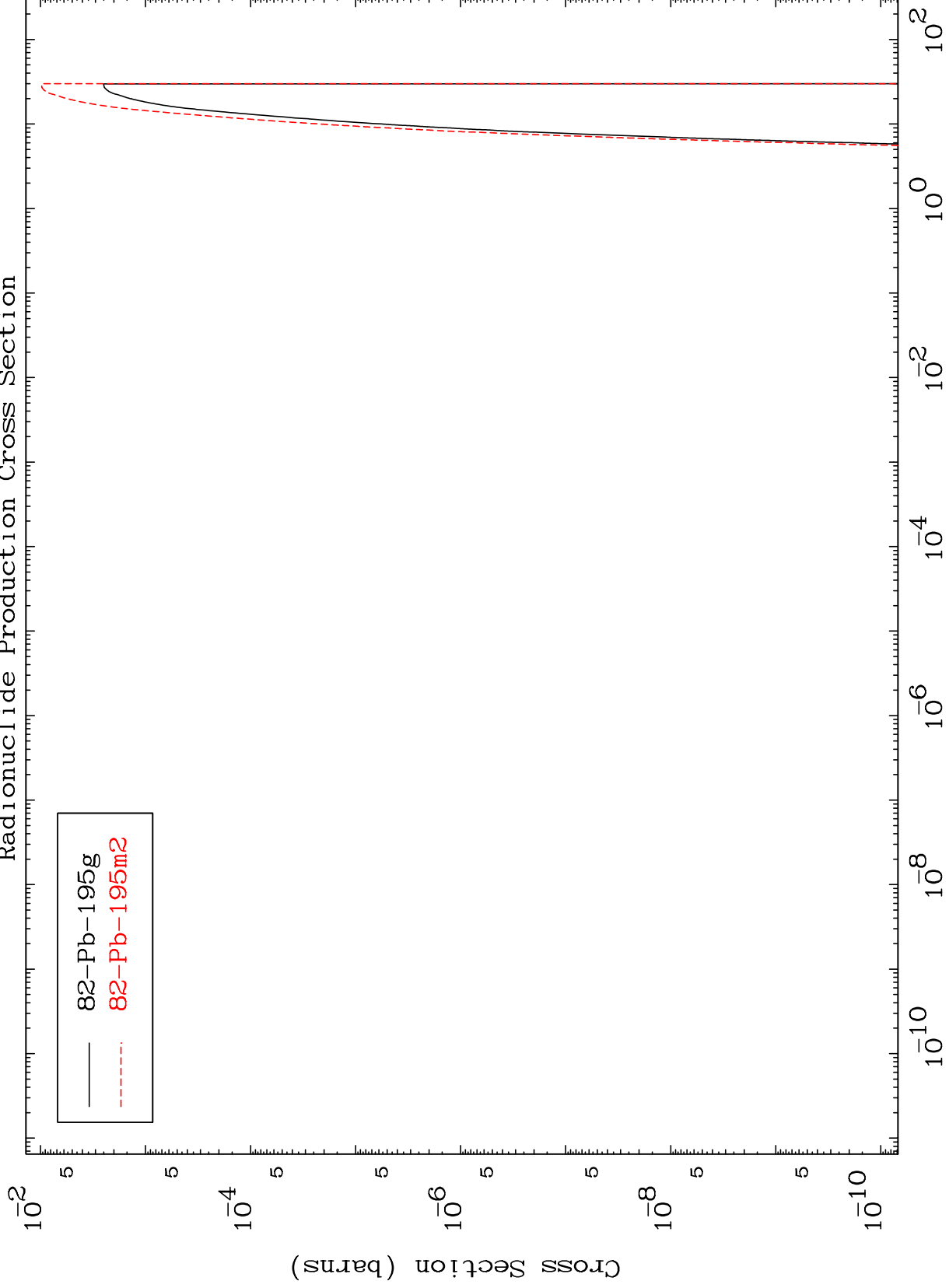
85-At-200

MAT 8517

(n,n') p  $\alpha$

85-At-200

Radionuclide Production Cross Section



33

Incident Energy (MeV)

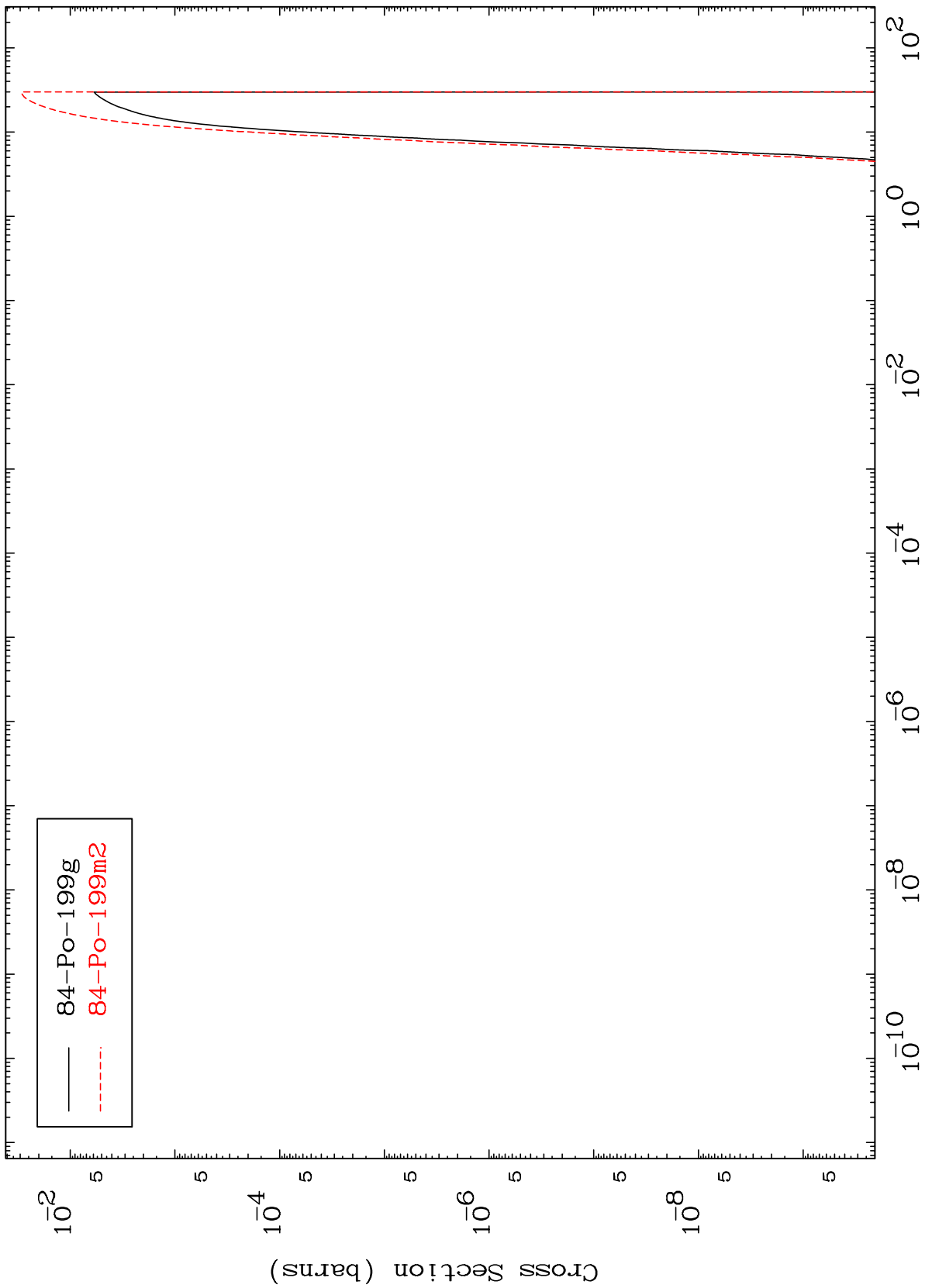
85-At-200

MAT 8517

(n,d)

85-At-200

Radionuclide Production Cross Section

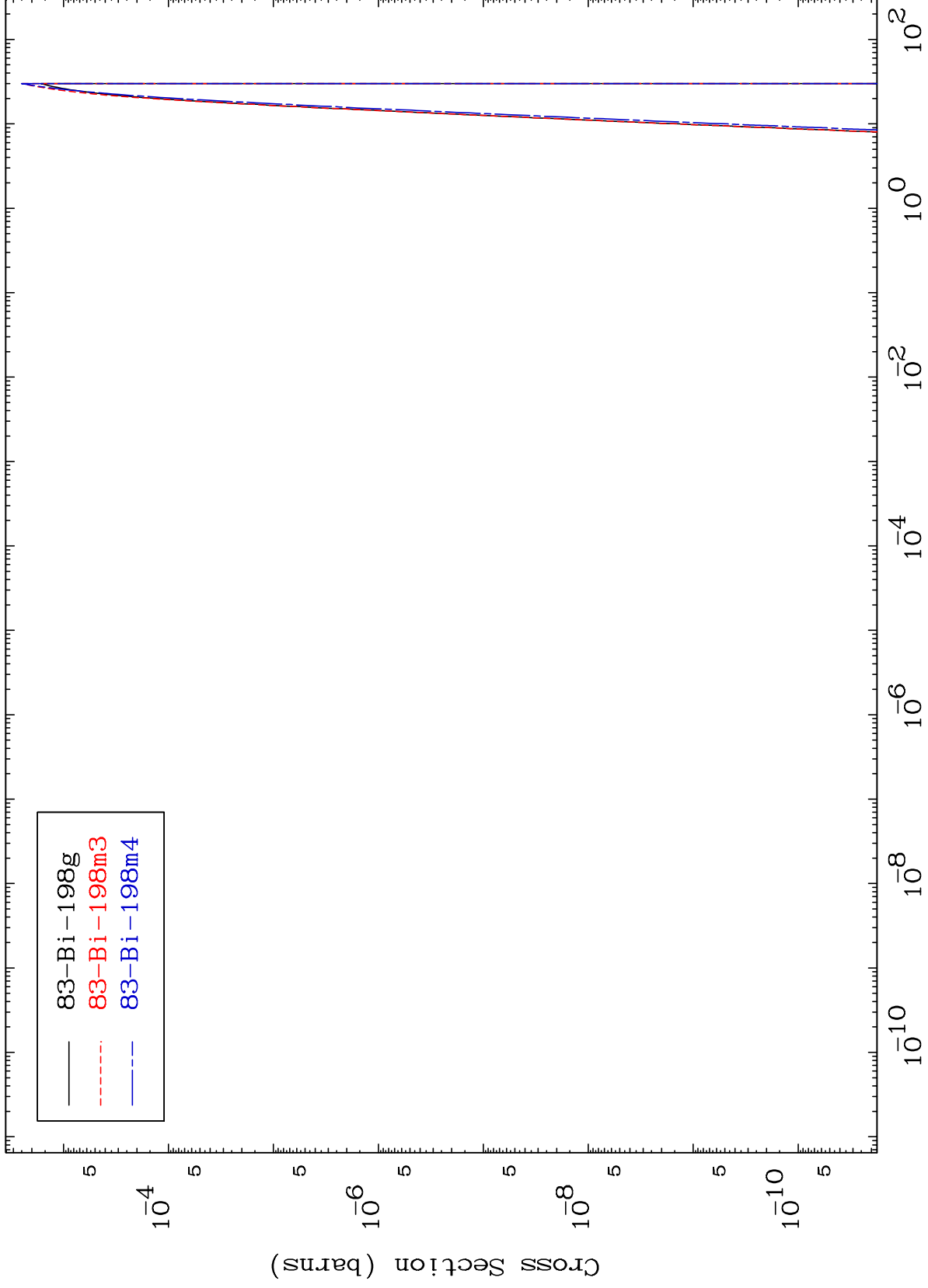


MAT 8517

(n,He-3)

85-At-200

Radionuclide Production Cross Section



35

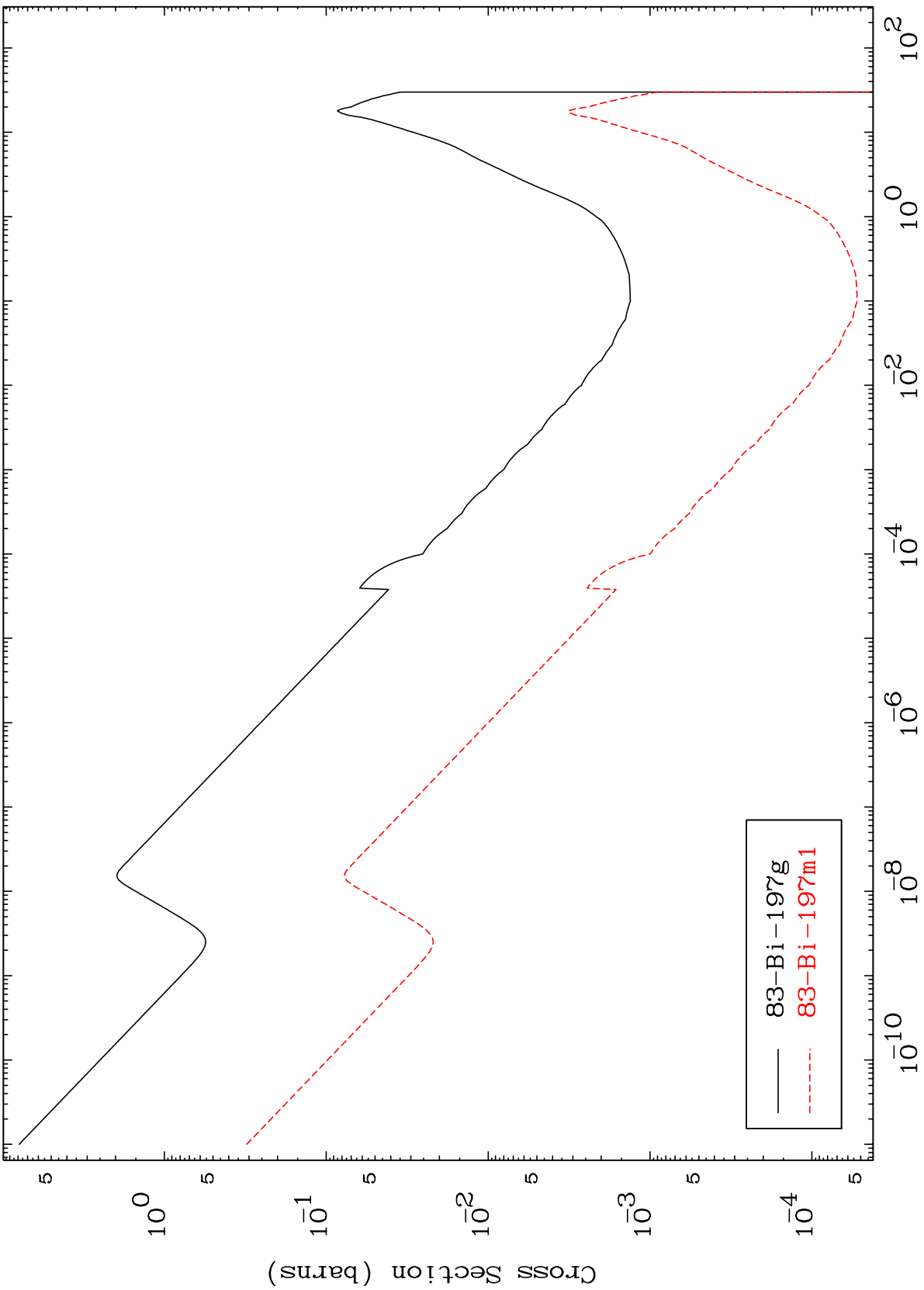
Incident Energy (MeV)

85-At-200

MAT 8517

85-At-200

Radionuclide Production Cross Section (n,α)



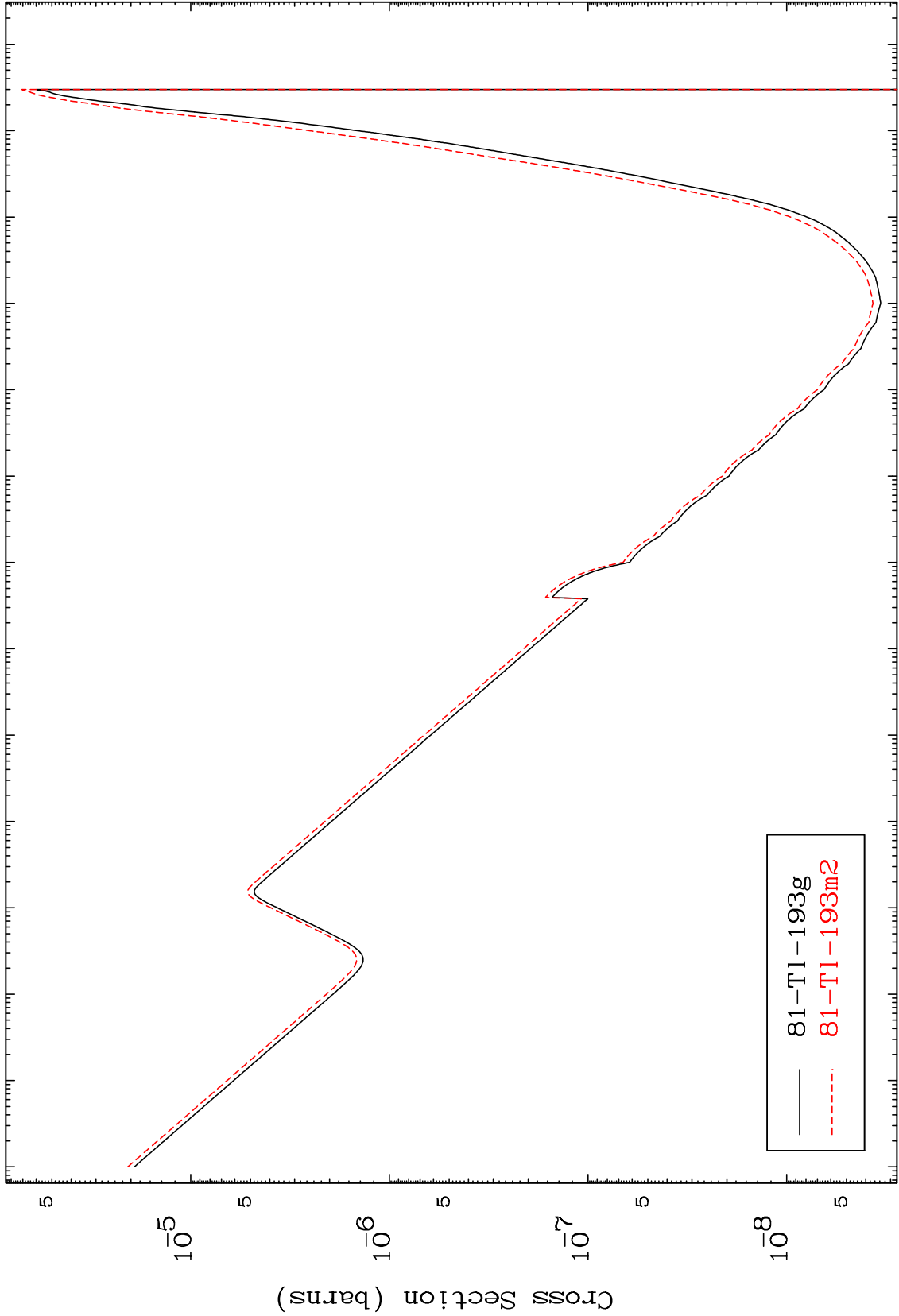
83-Bi-197g  
83-Bi-197m1

MAT 8517

(n,2α)

85-At-200

Radionuclide Production Cross Section

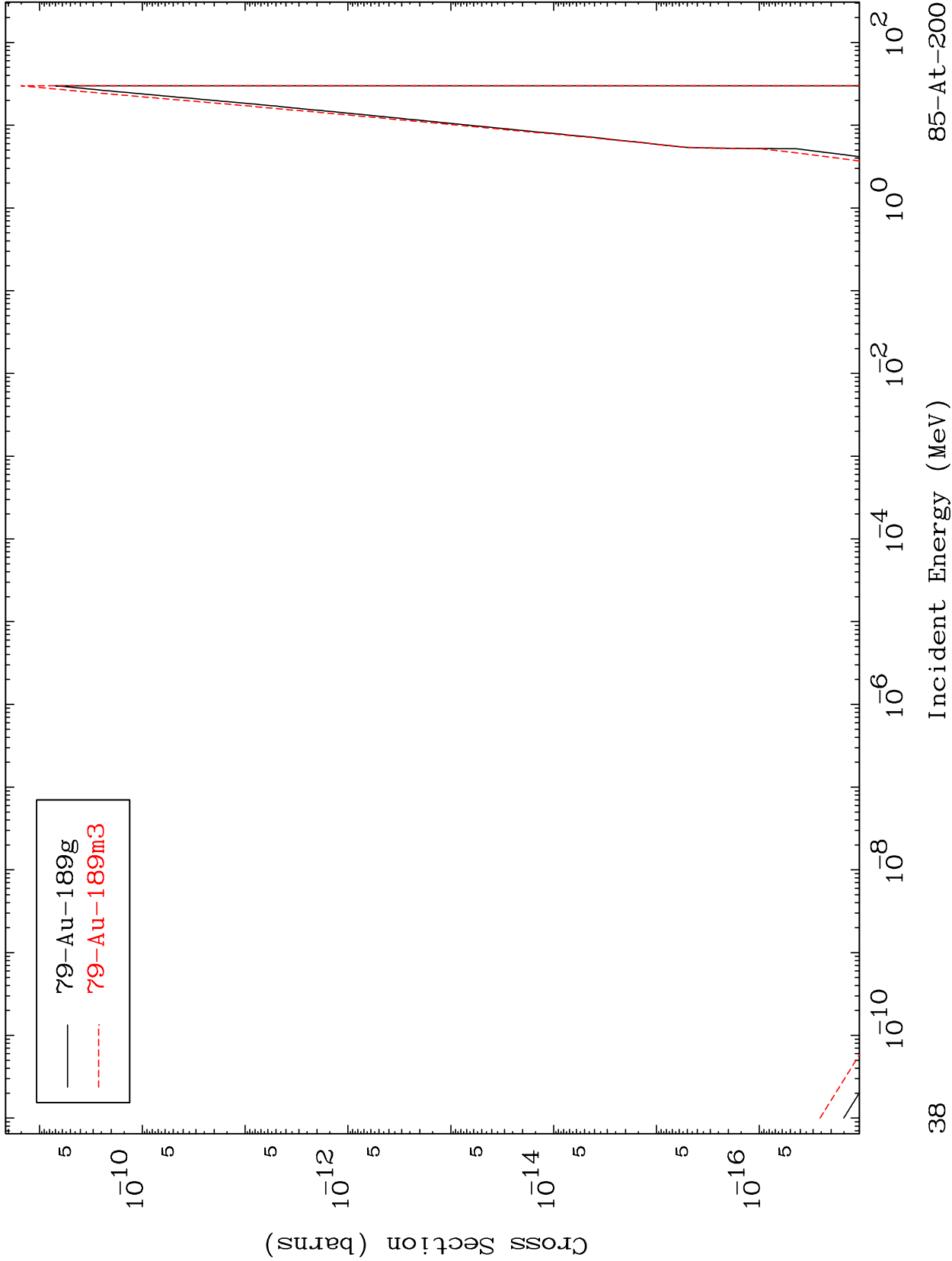


MAT 8517

(n, 3α)

85-At-200

Radionuclide Production Cross Section

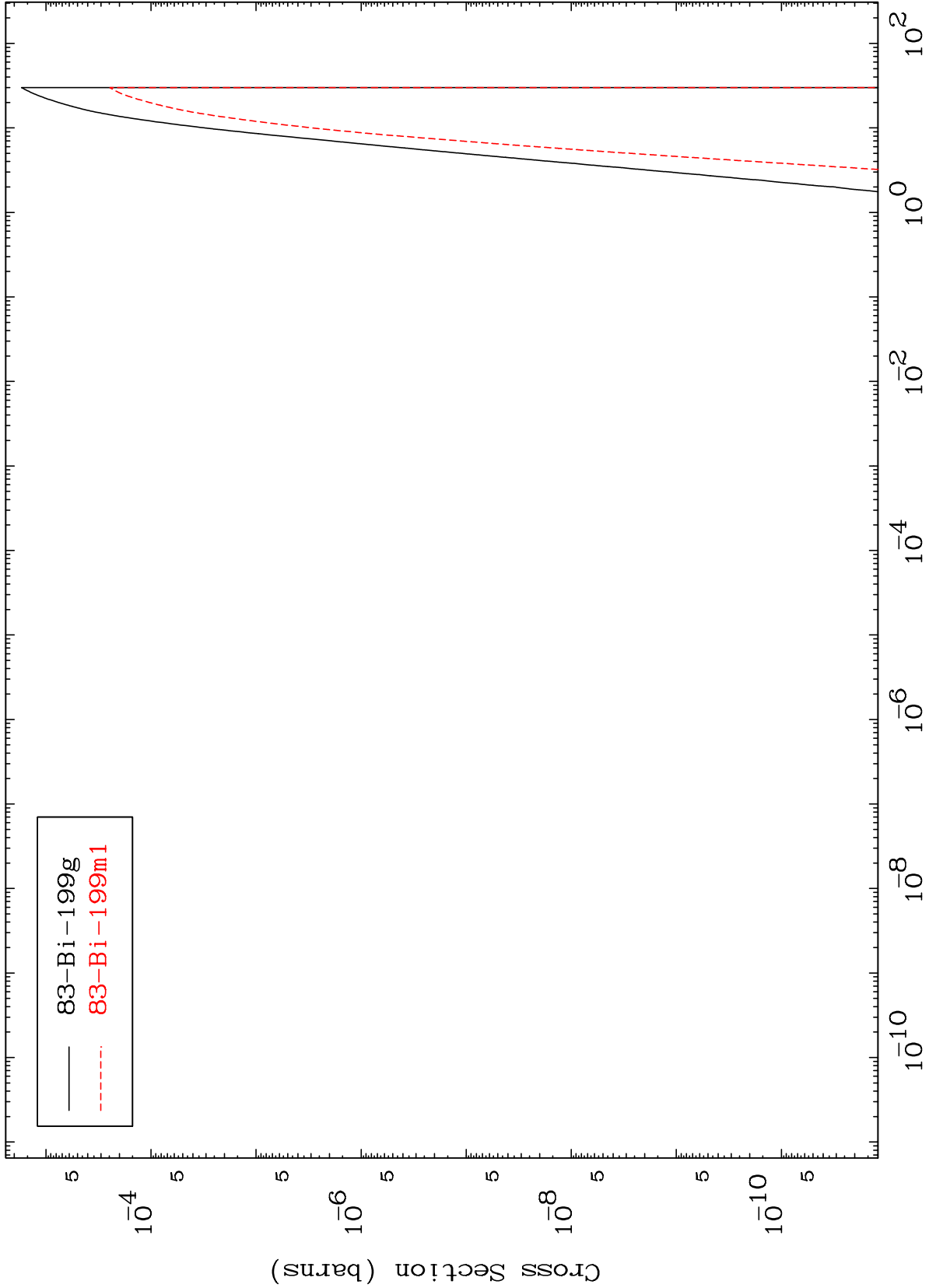


MAT 8517

(n,2p)

85-At-200

Radionuclide Production Cross Section



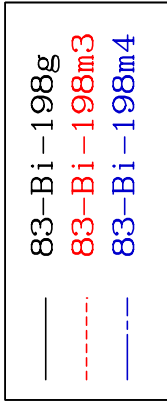
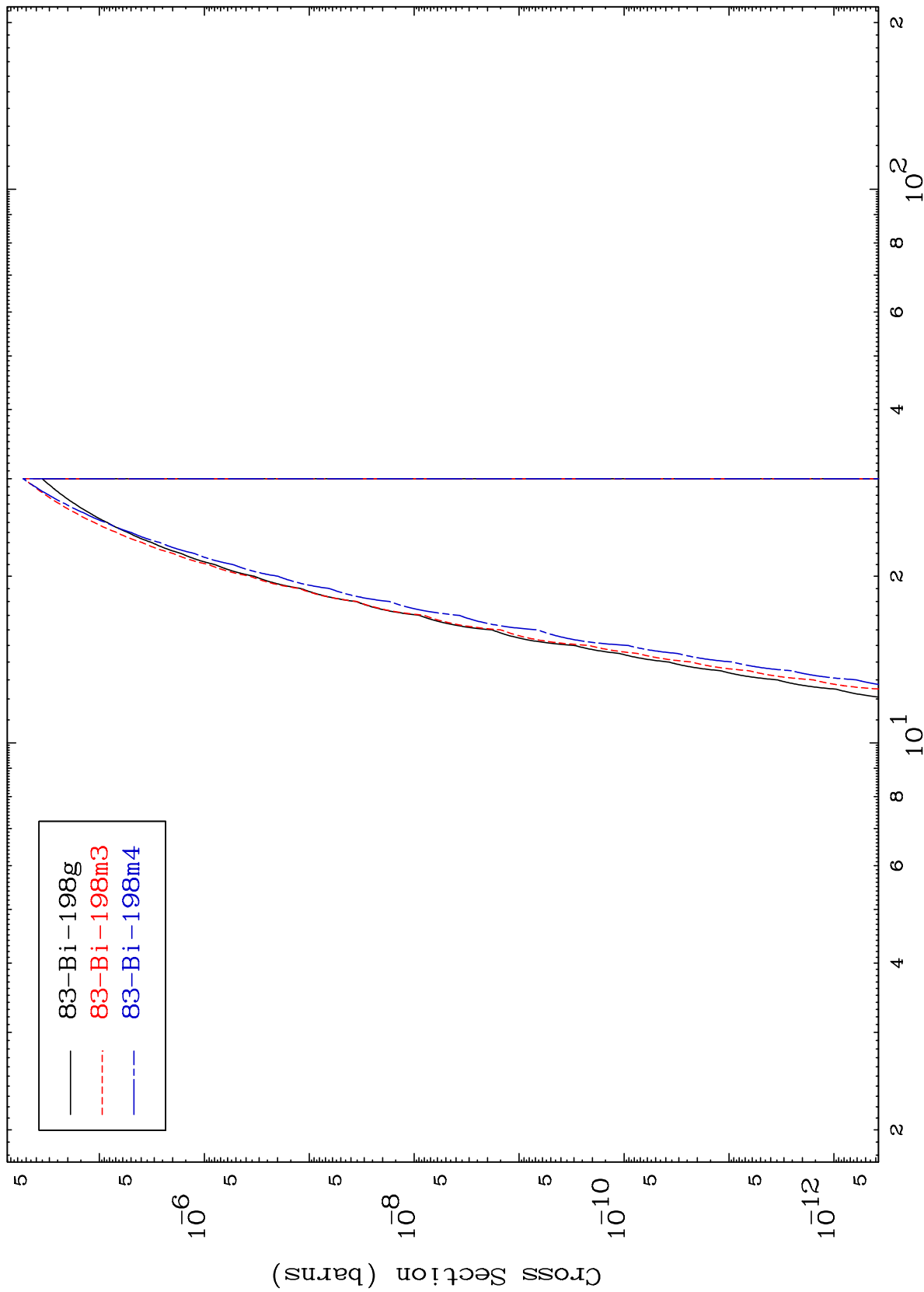


MAT 8517

(n,p) d

85-At-200

Radionuclide Production Cross Section



40

Incident Energy (MeV)

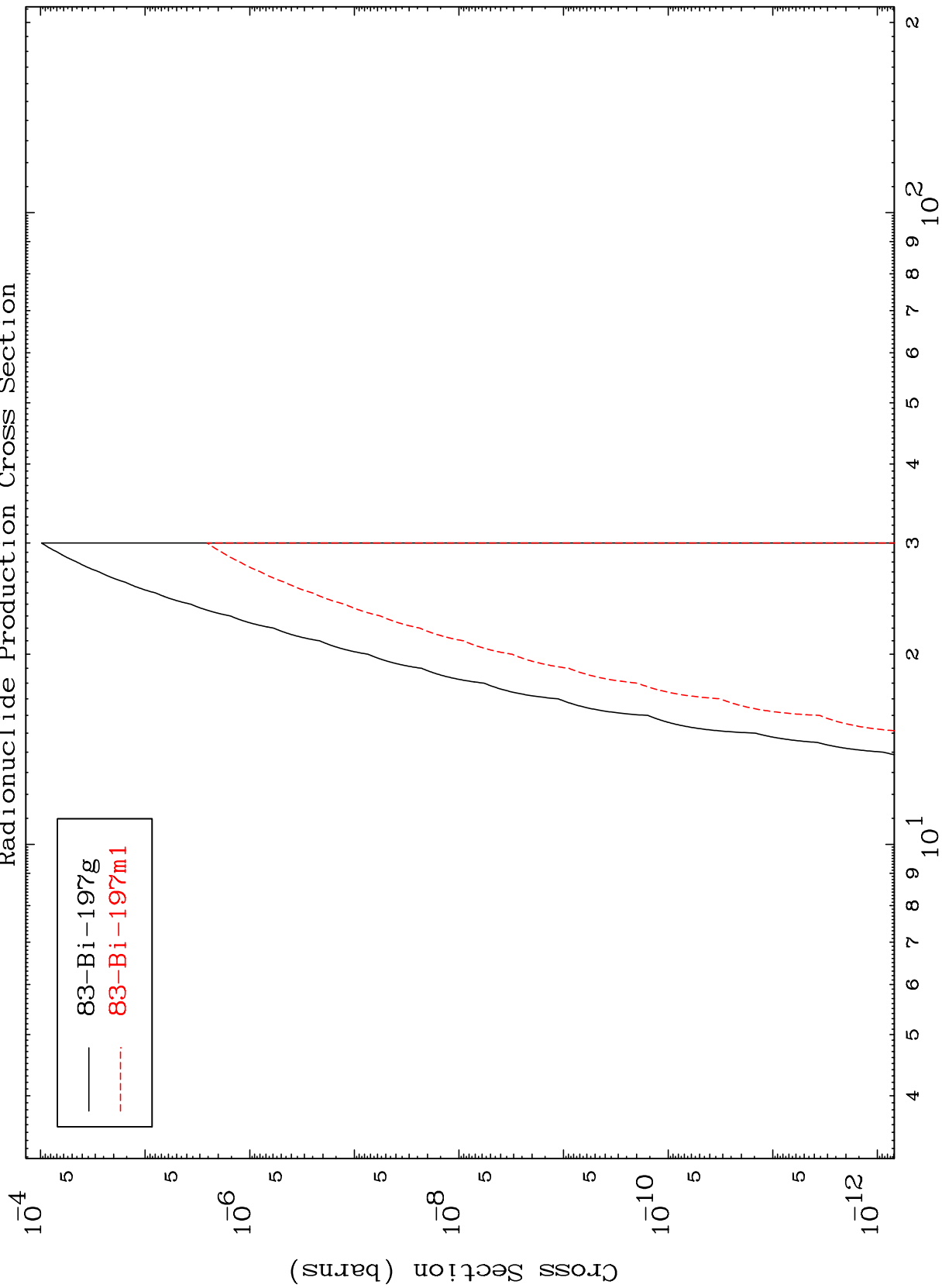
85-At-200

MAT 8517

(n,p) t

85-At-200

Radionuclide Production Cross Section



83-Bi-197g  
83-Bi-197m1

MAT 8517

(n,d)  $\alpha$

85-At-200

Radionuclide Production Cross Section

