

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

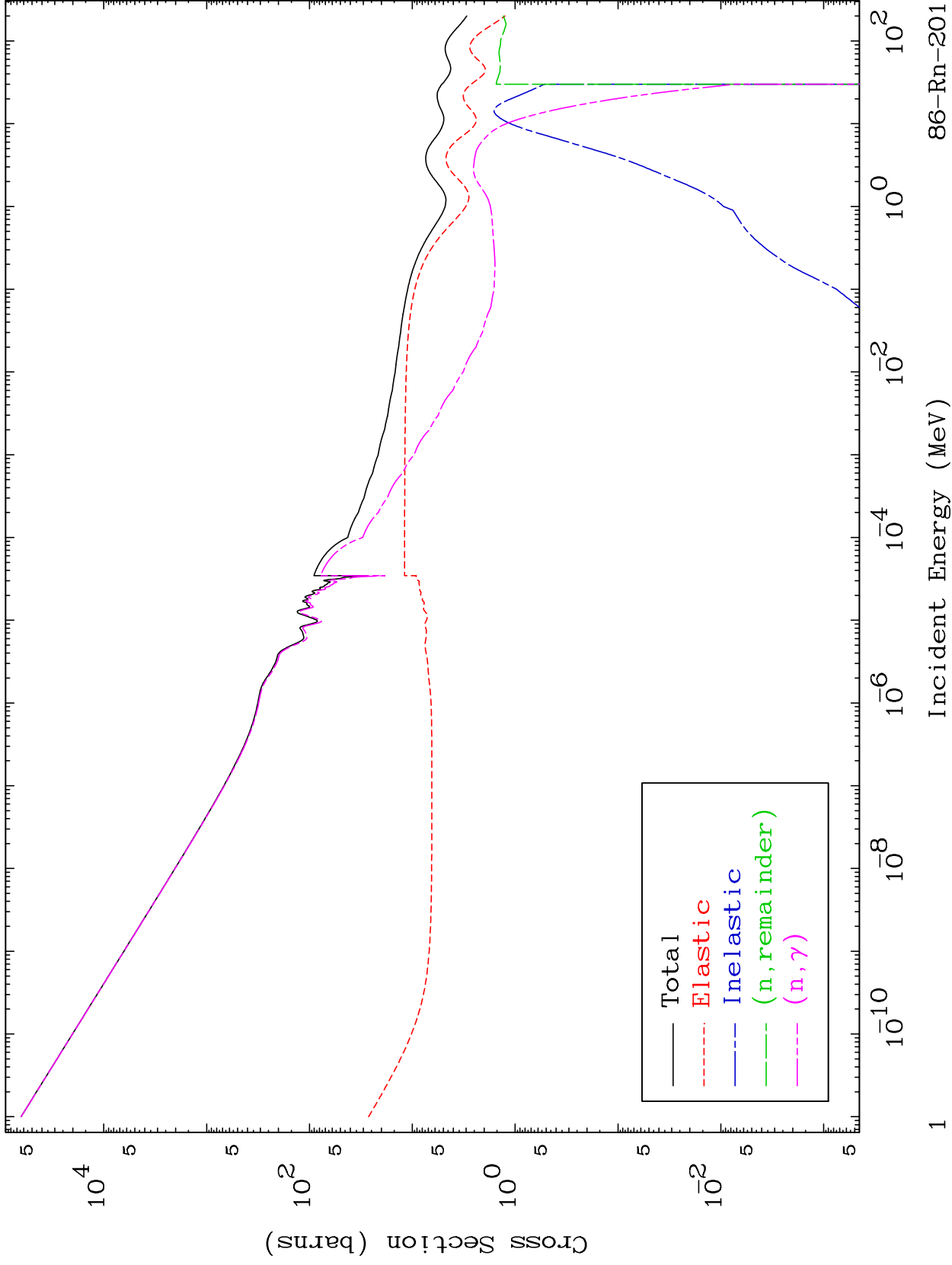
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8596

Major  
293 Kelvin Cross Sections

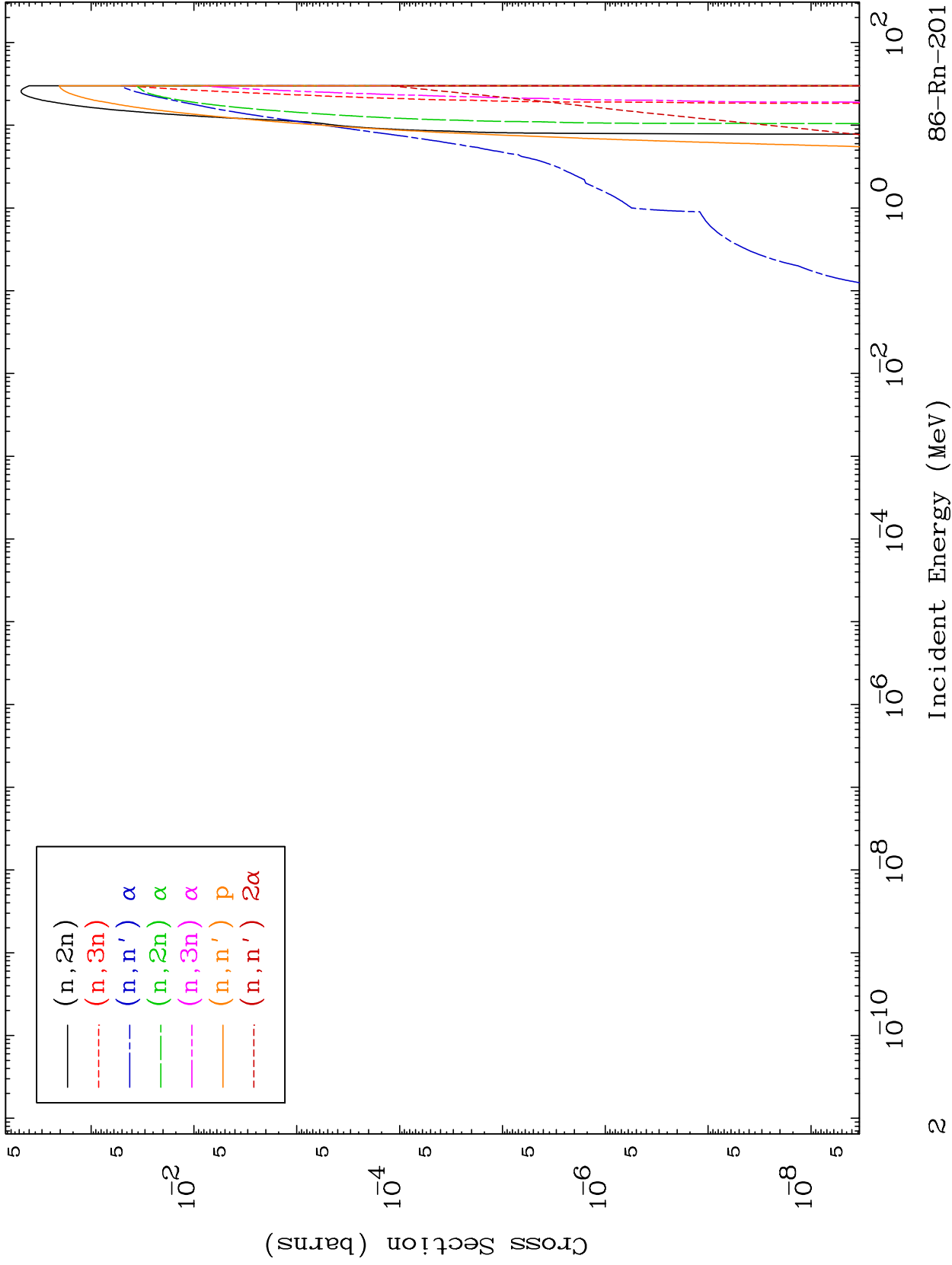
86-Rn-201



MAT 8596

Neutron Production  
293 Kelvin Cross Sections

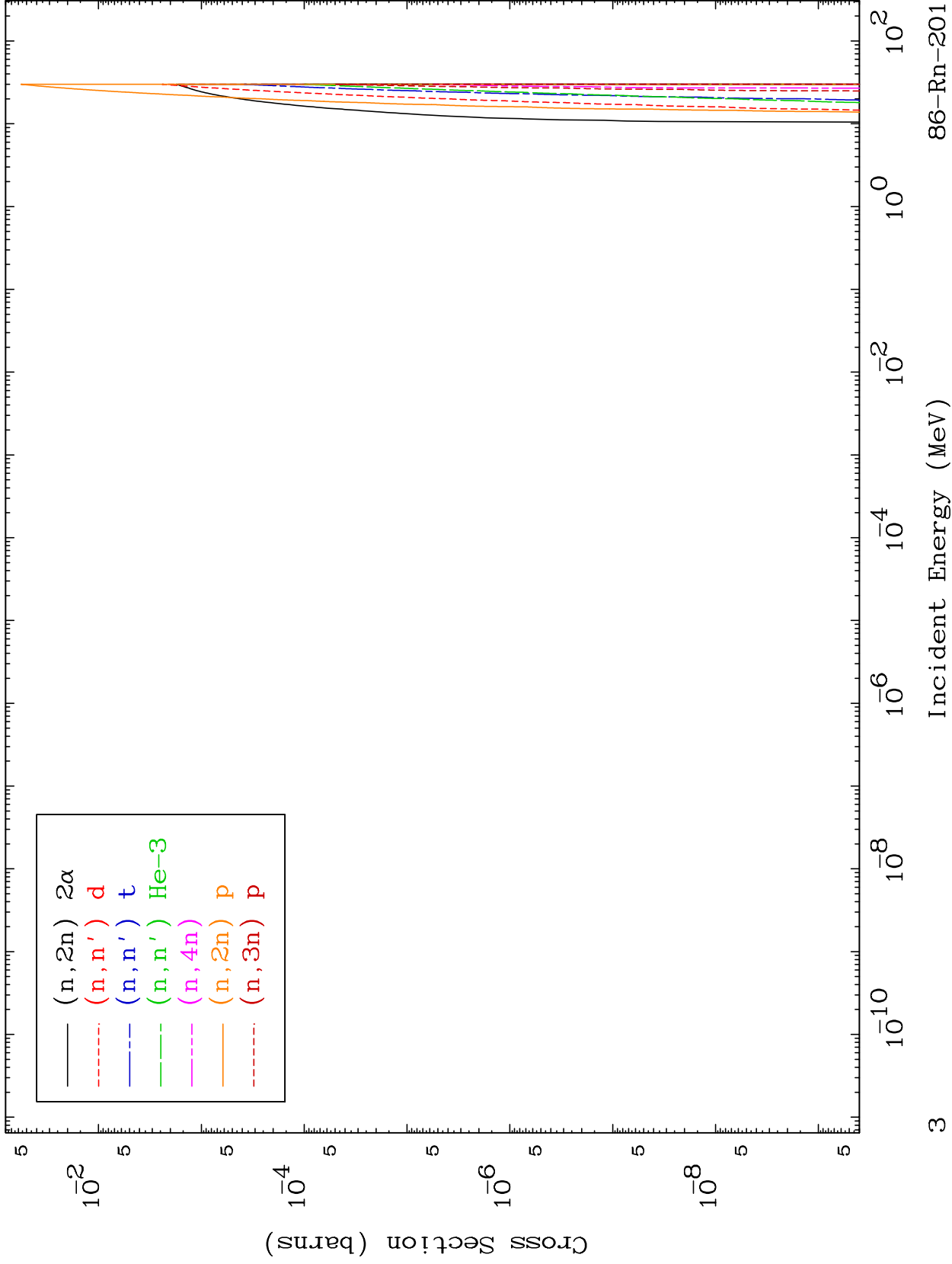
86-Rn-201



MAT 8596

Neutron Production  
293 Kelvin Cross Sections

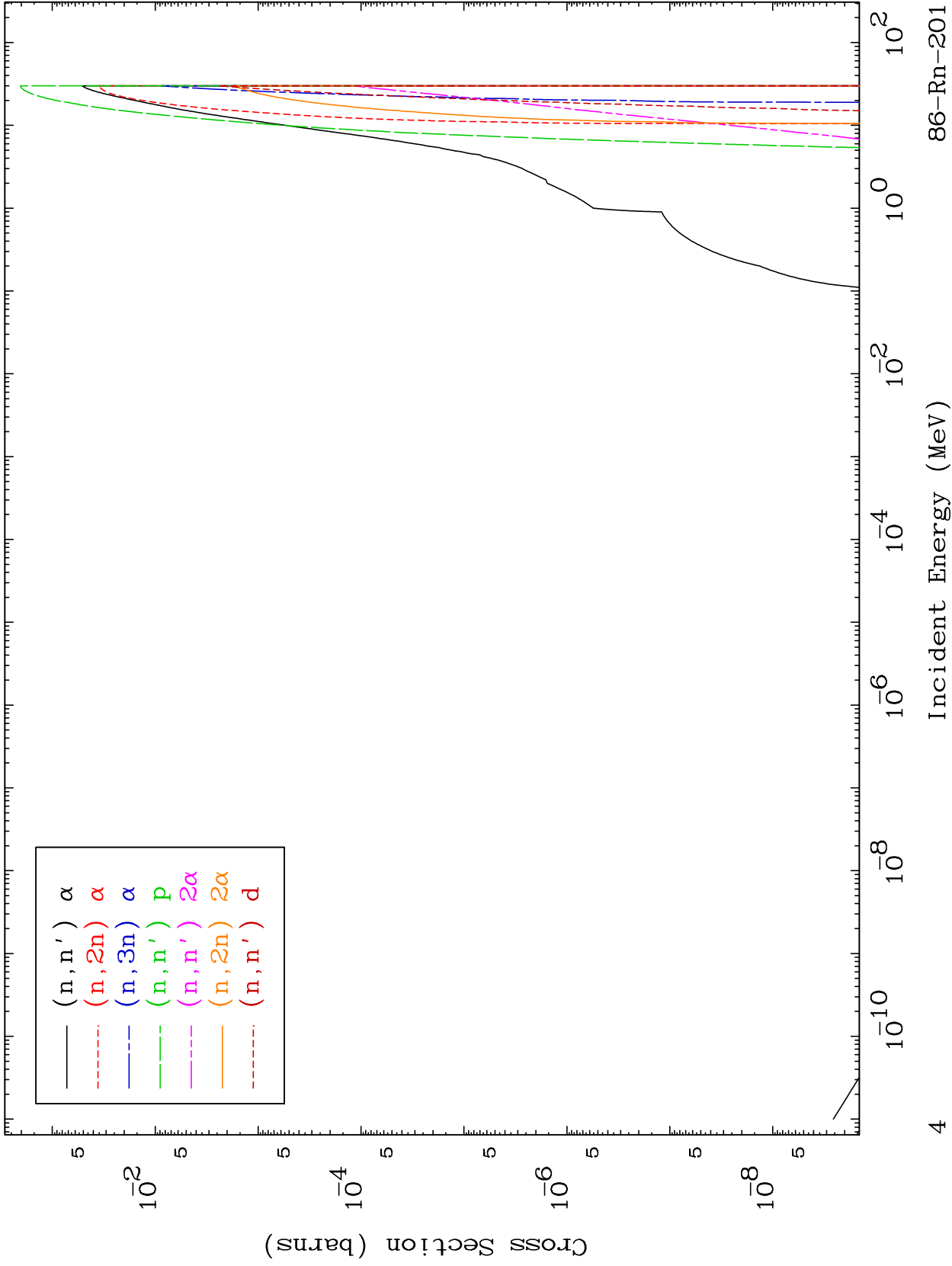
86-Rn-201



MAT 8596

Charged Particle  
293 Kelvin Cross Sections

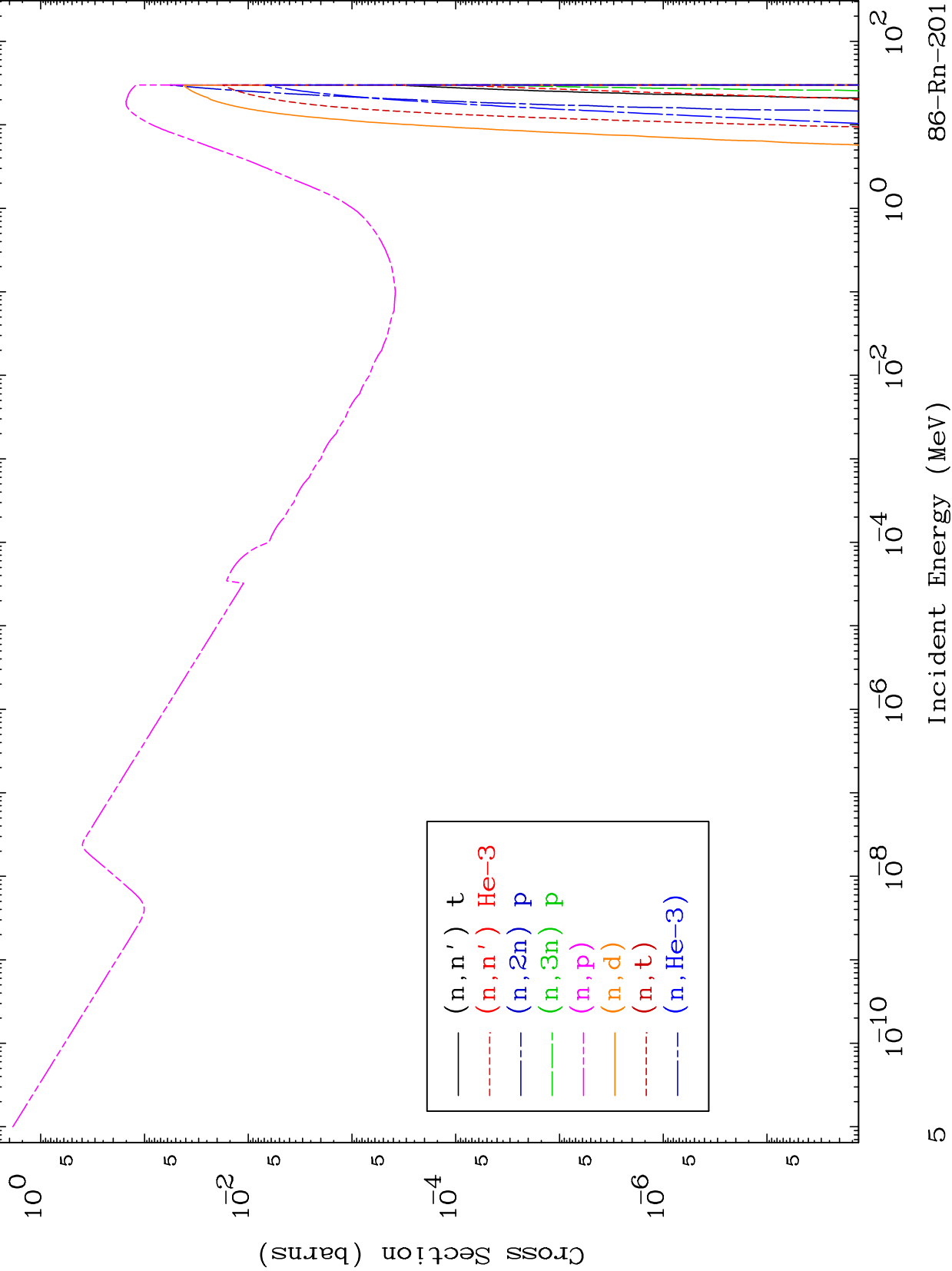
86-Rn-201



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Charged Particle  
293 Kelvin Cross Sections

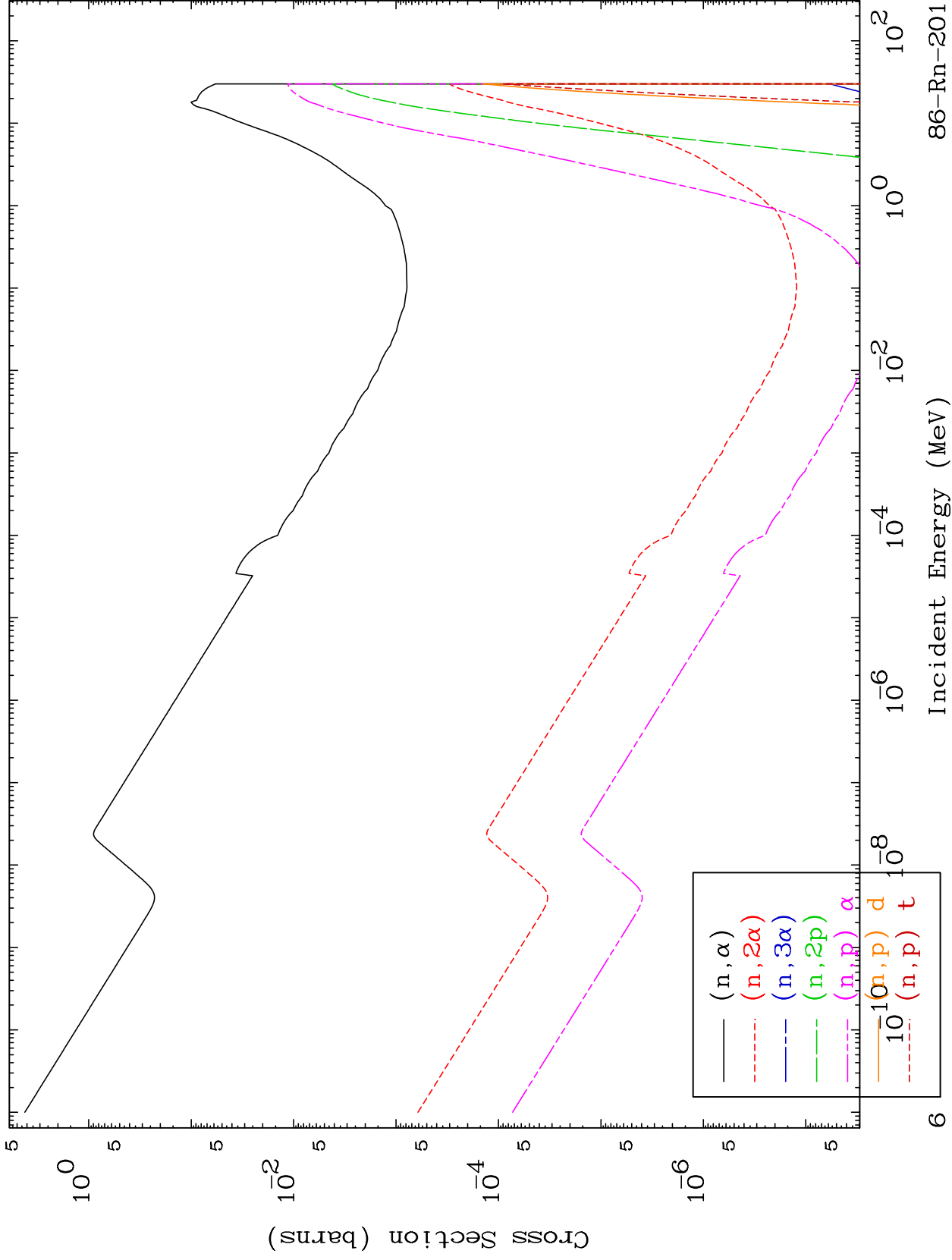
86-Rn-201



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Charged Particle  
293 Kelvin Cross Sections

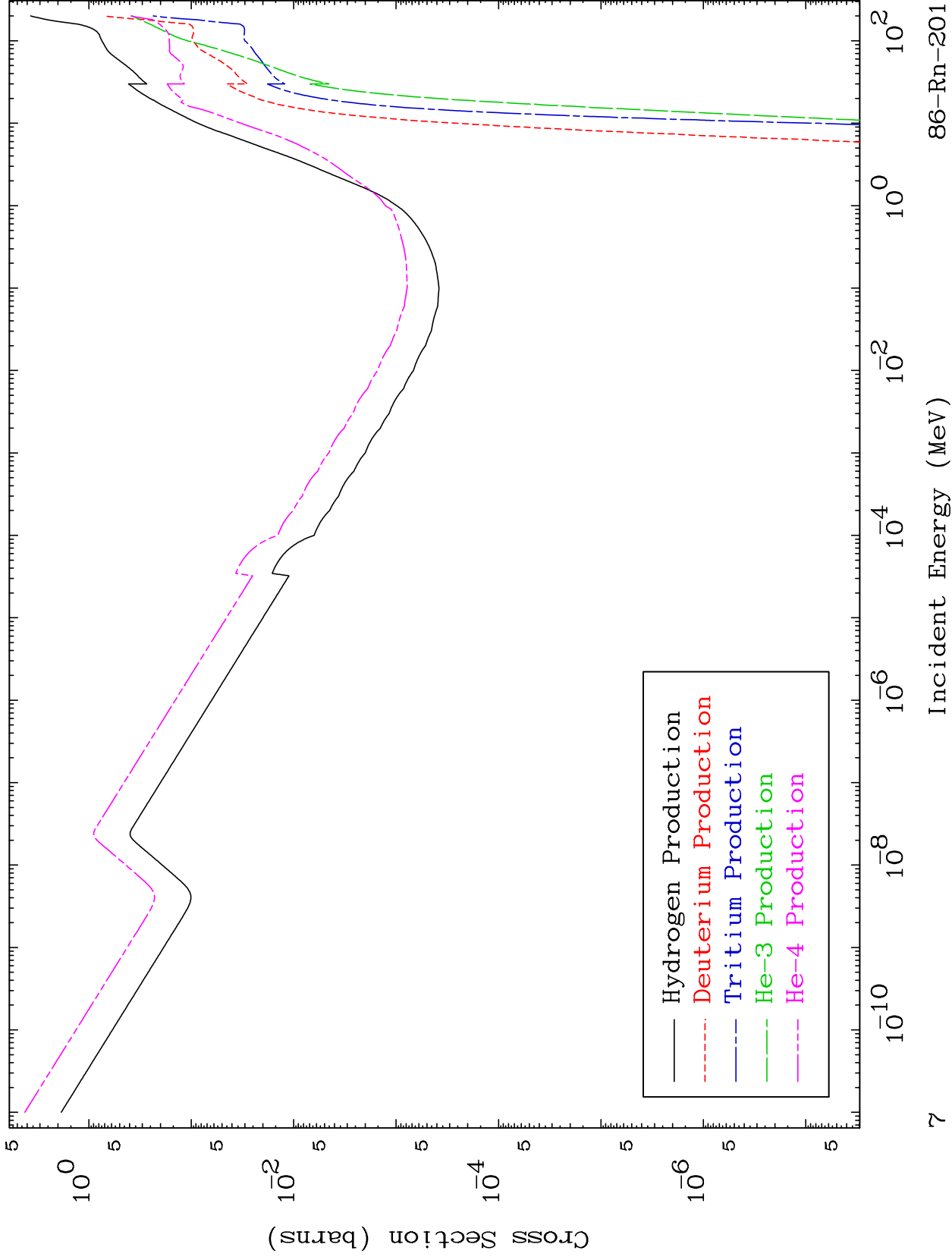
86-Rn-201



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Particle Production  
293 Kelvin Cross Sections

86-Rn-201

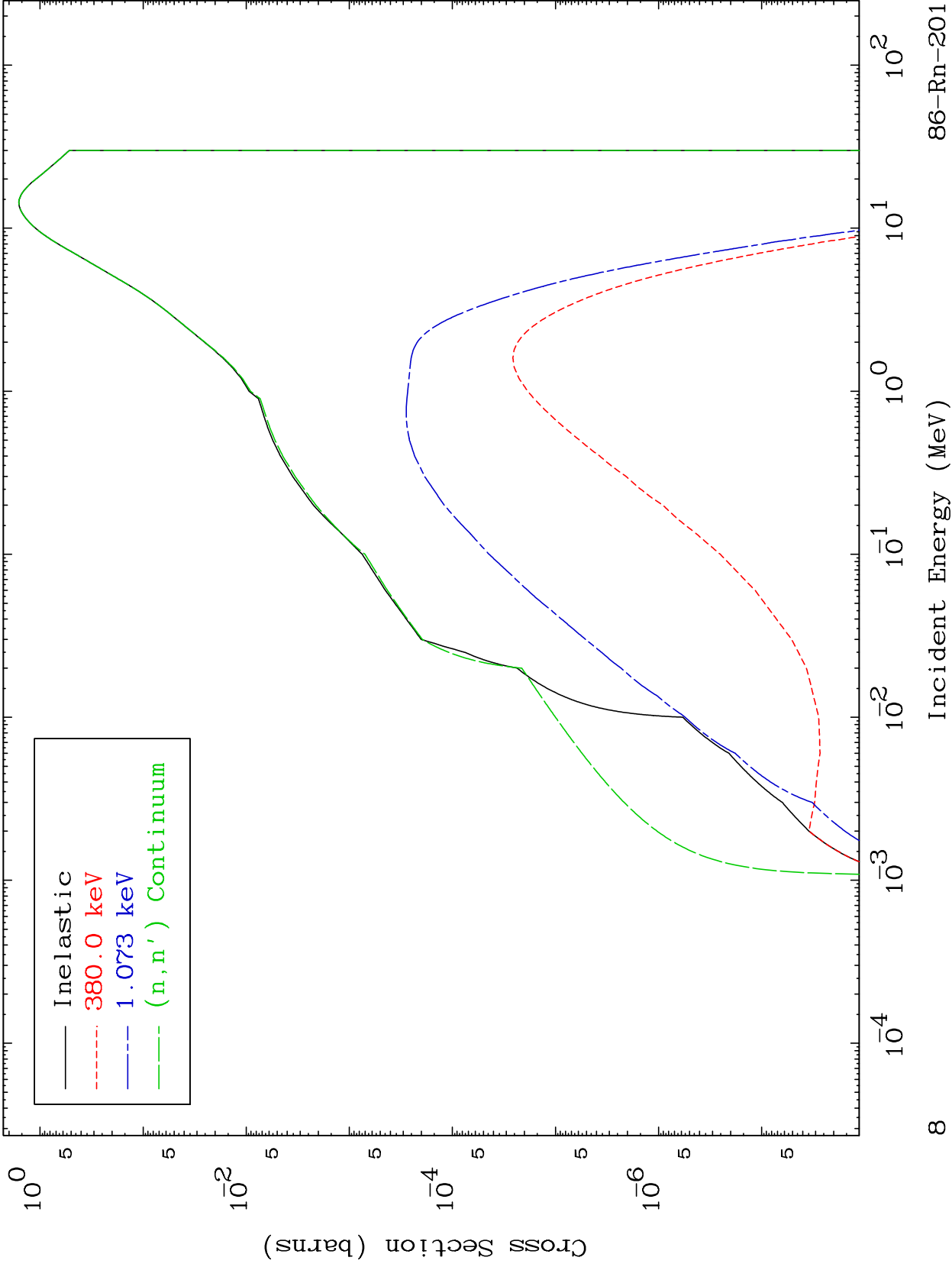




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293 Kelvin Cross Sections  
(n,n') Level

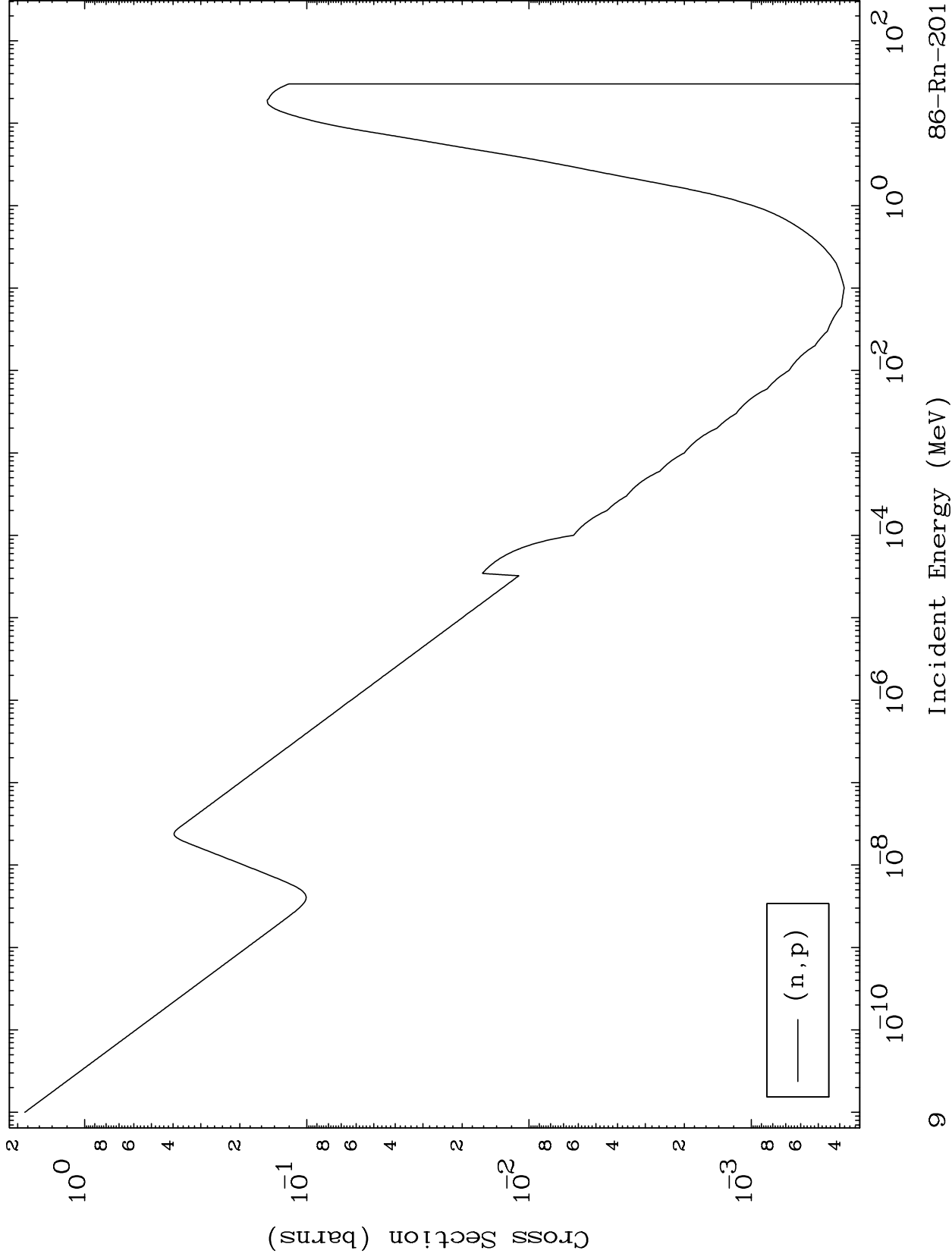
86-Rn-201



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(n,p) Levels  
293 Kelvin Cross Sections

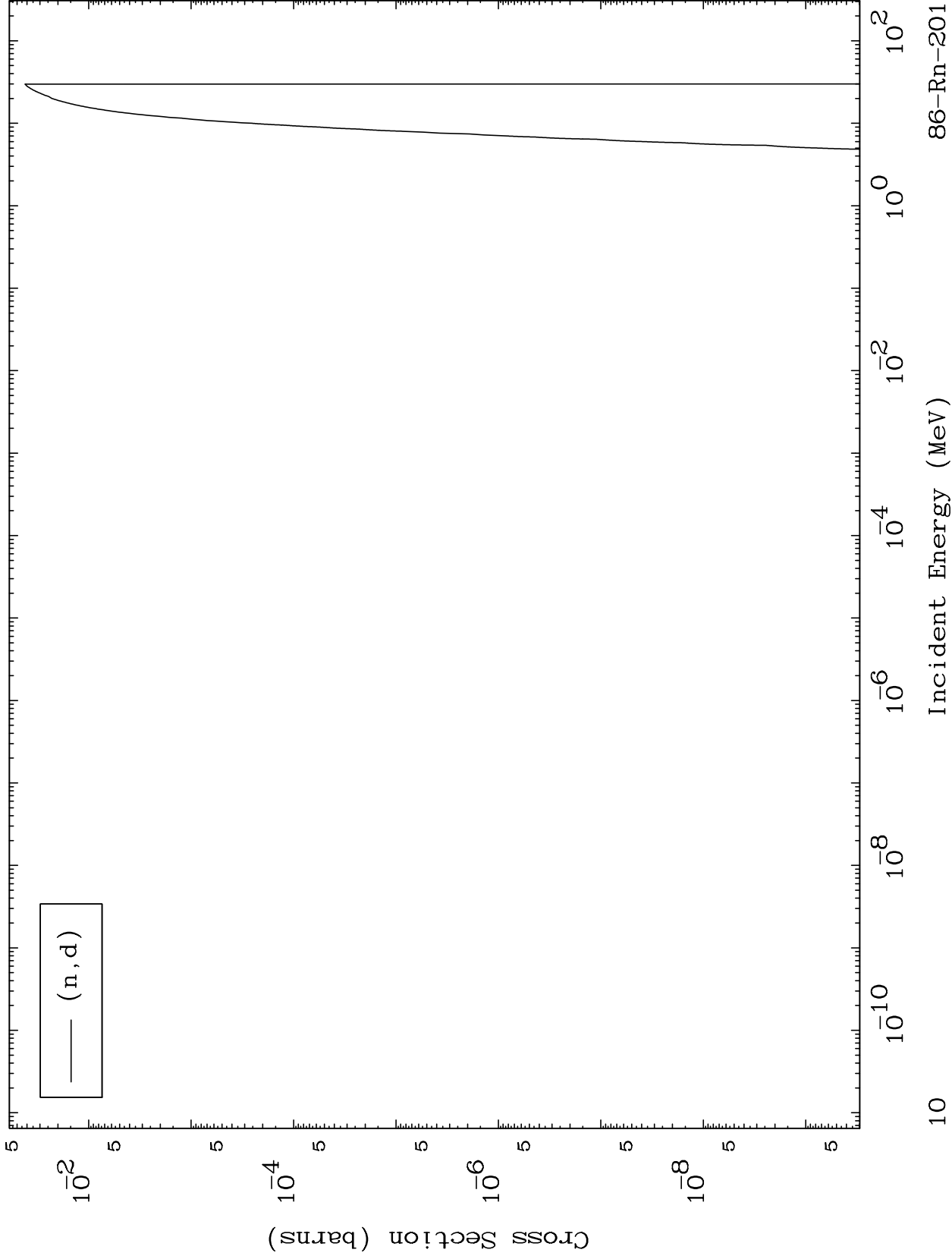
86-Rn-201



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(n,d) Levels  
293 Kelvin Cross Sections

86-Rn-201



(n,d)

10

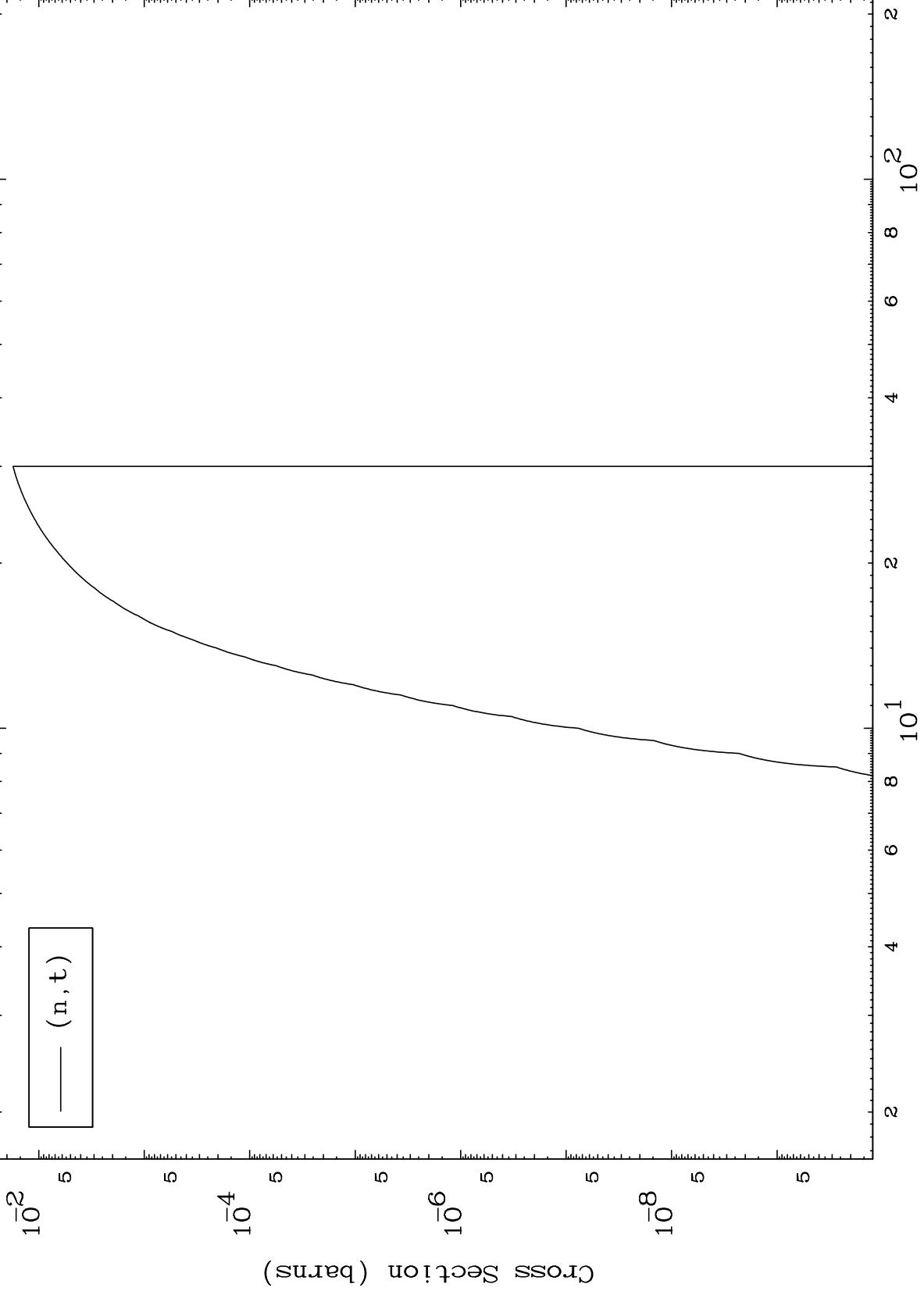
Incident Energy (MeV)

86-Rn-201

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(n,t) Levels  
293 Kelvin Cross Sections

86-Rn-201



11

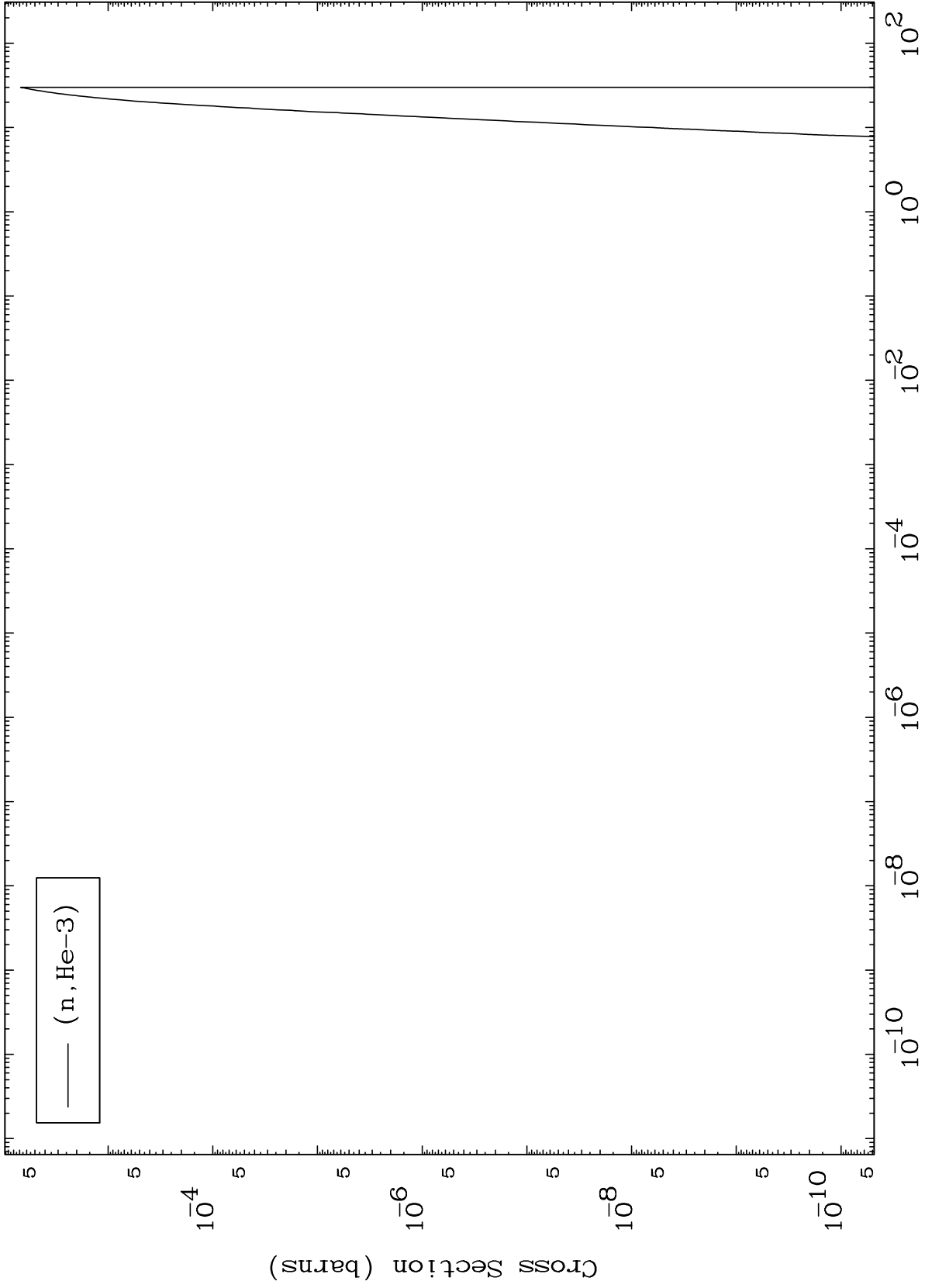
Incident Energy (MeV)

86-Rn-201

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(n,He3) Levels  
293 Kelvin Cross Sections

86-Rn-201



12

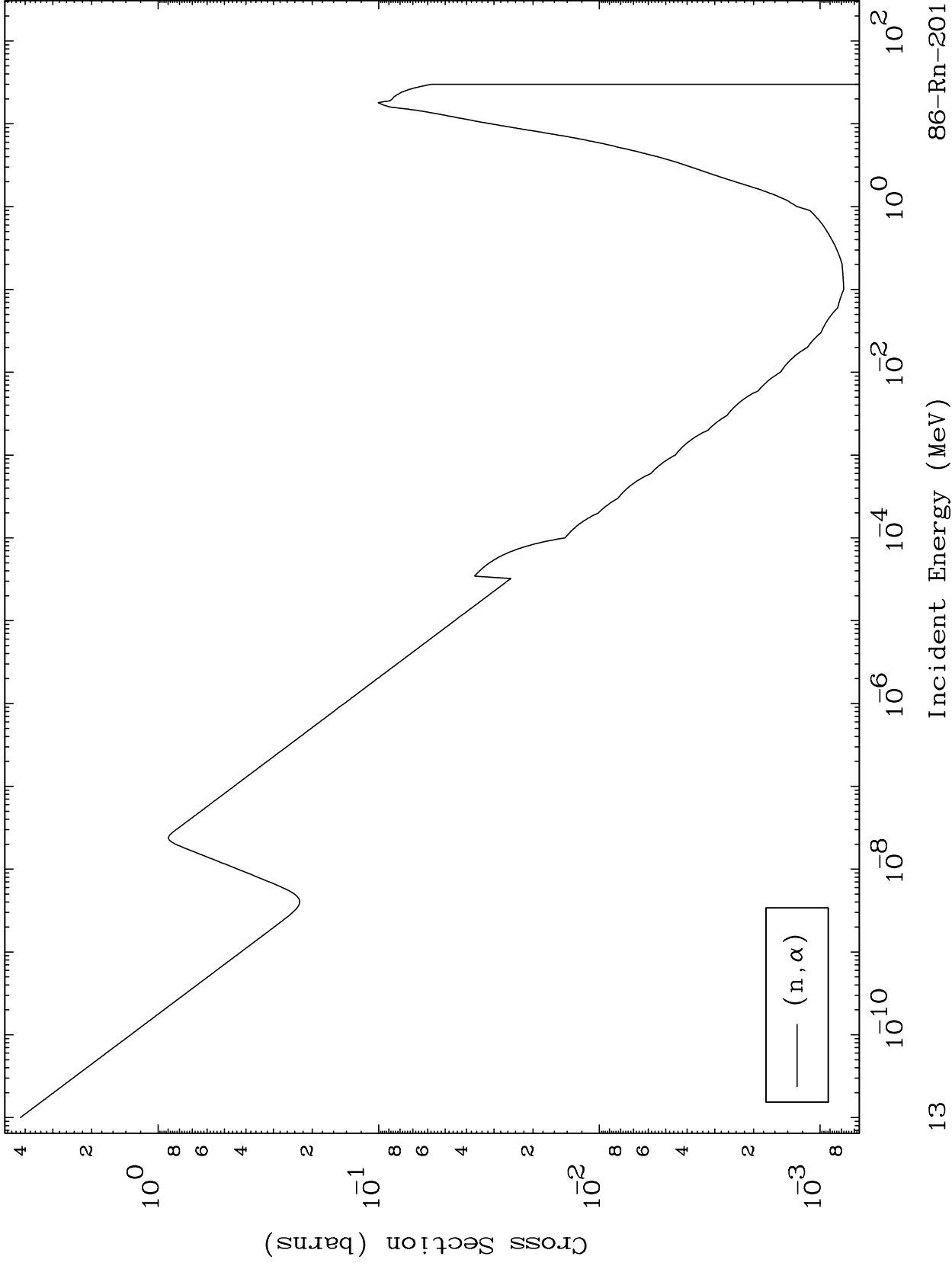
Incident Energy (MeV)

86-Rn-201

MAT 8596

(n,α) Levels  
293 Kelvin Cross Sections

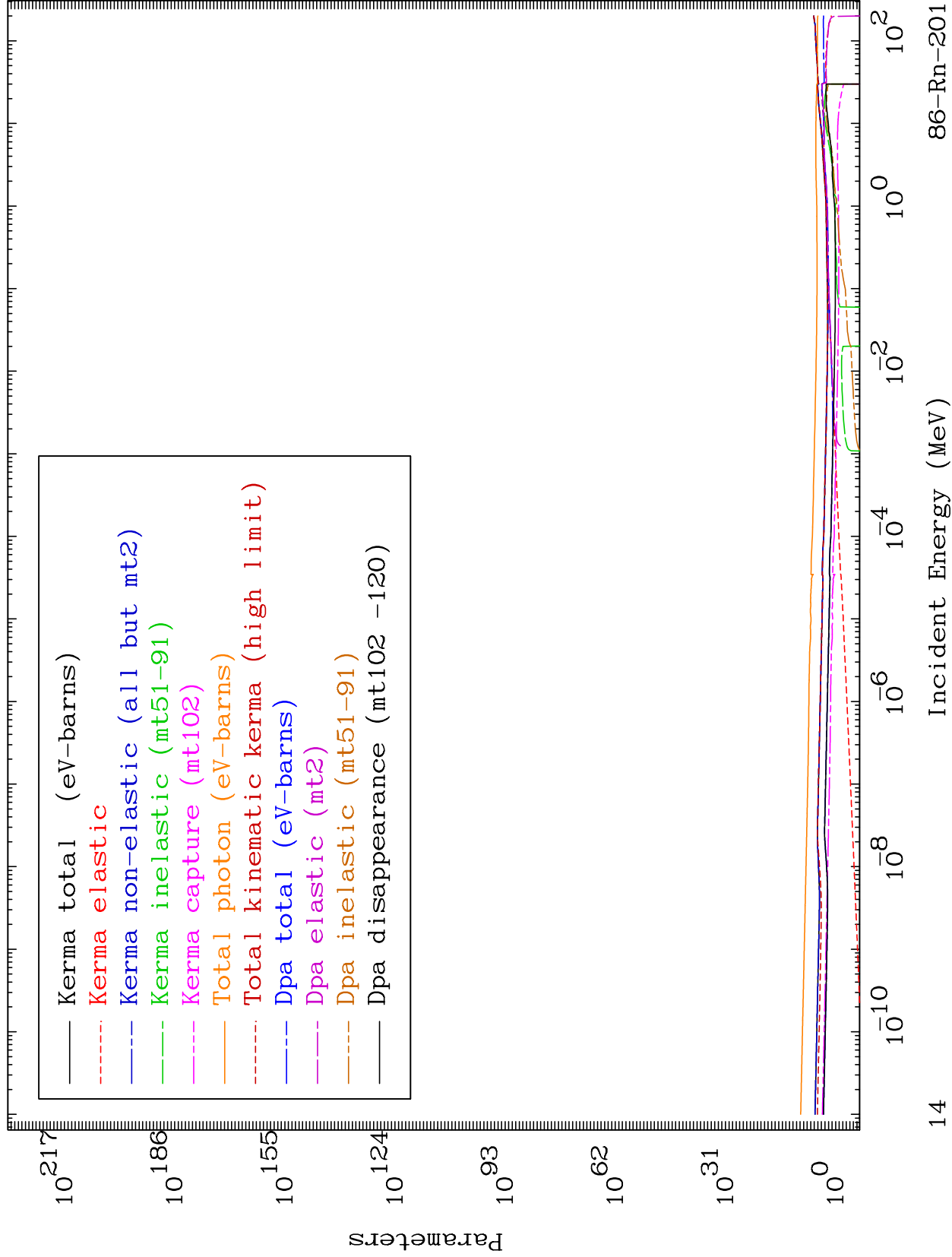
86-Rn-201



13

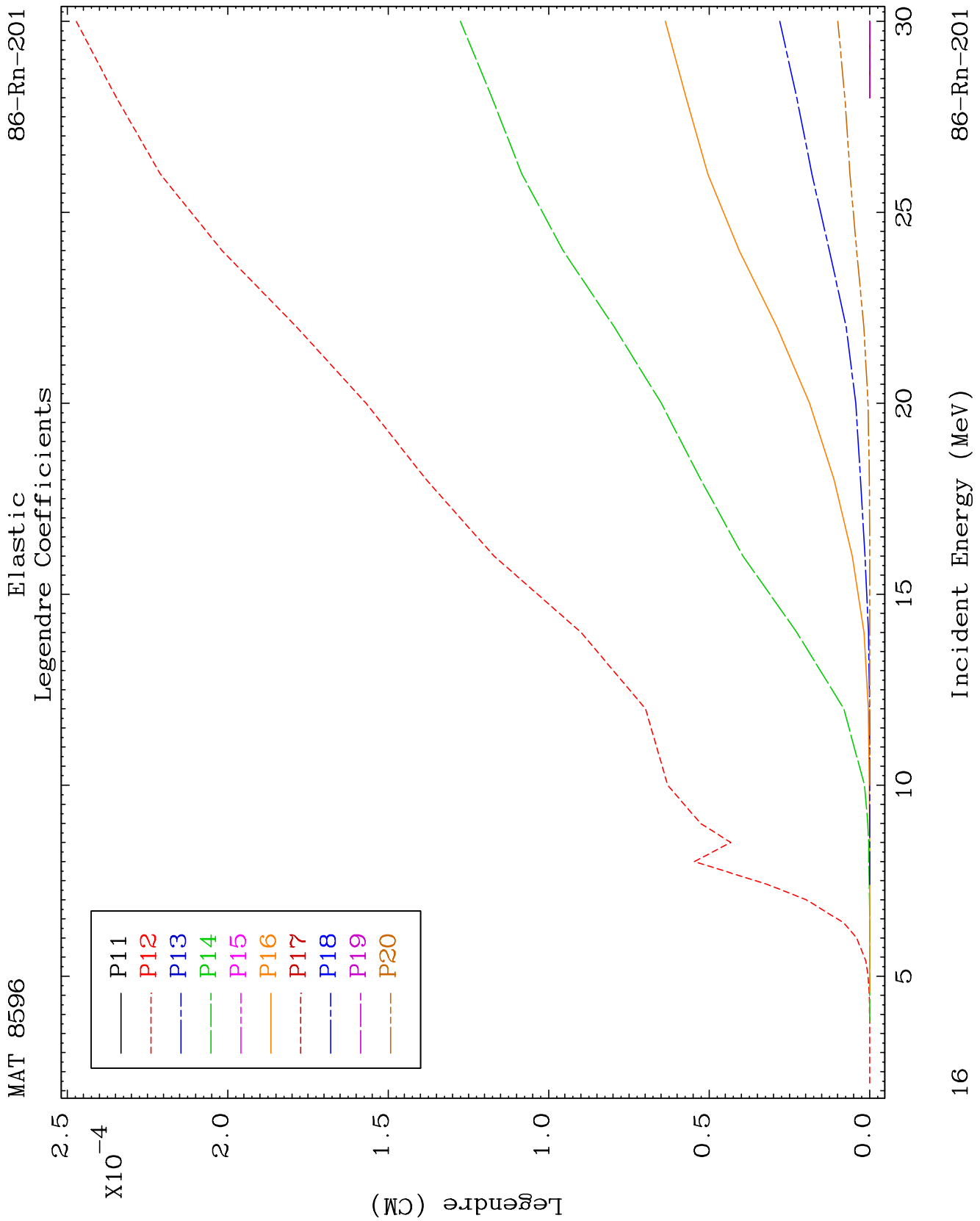
Incident Energy (MeV)

86-Rn-201





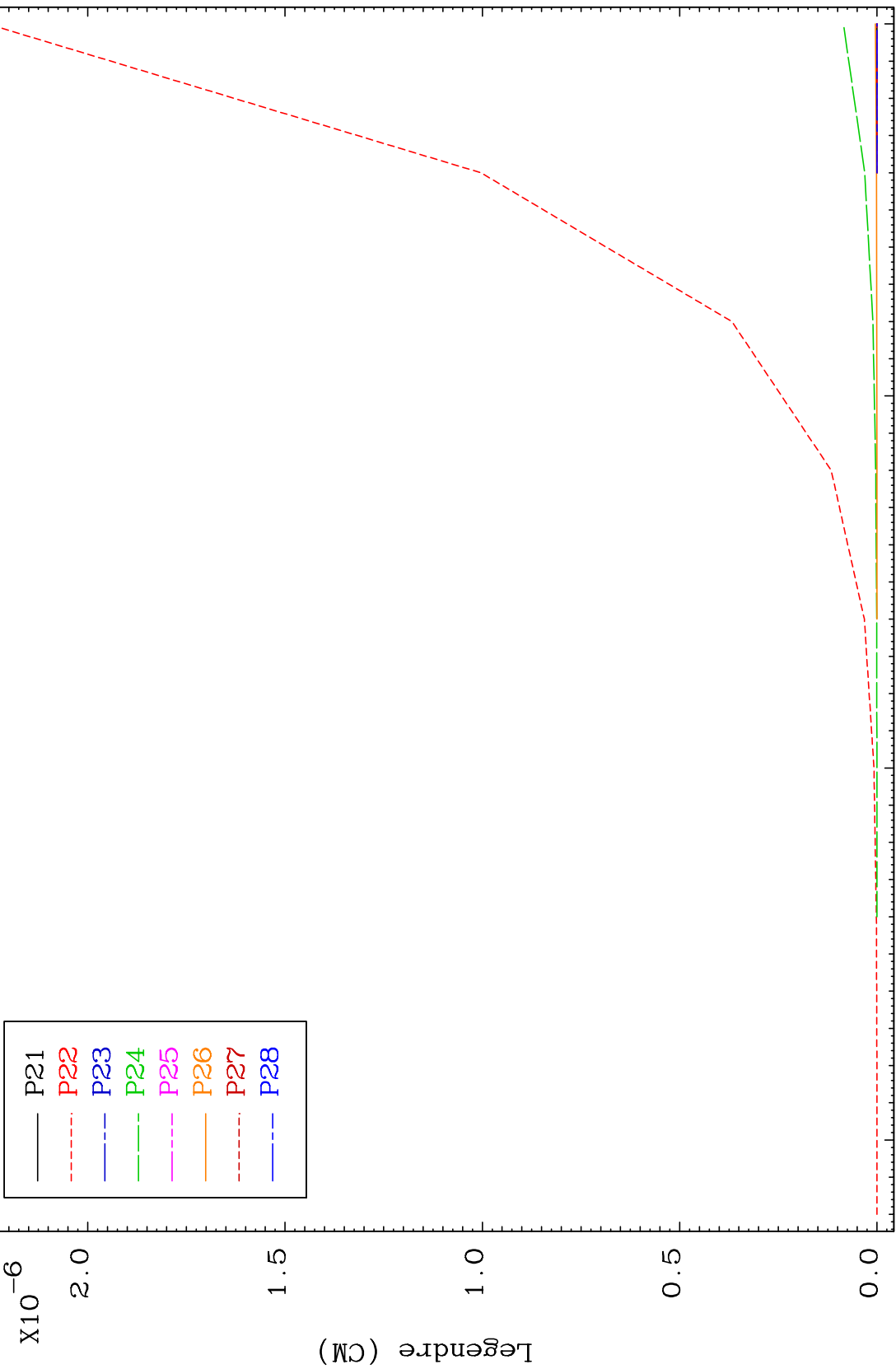
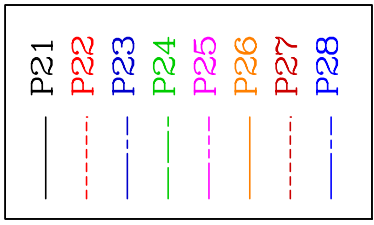




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### Elastic Legendre Coefficients

86-Rn-201



17

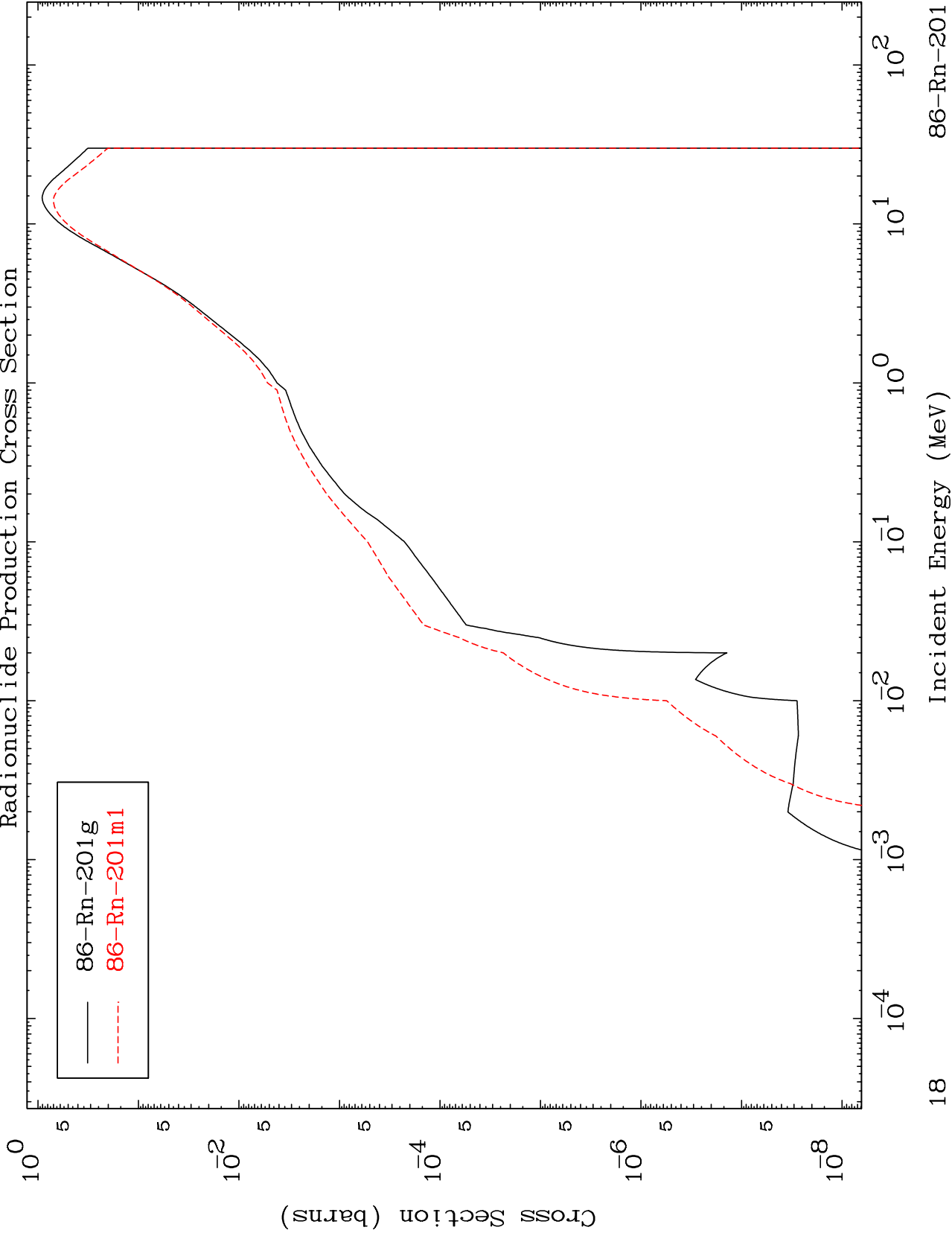
Incident Energy (MeV)

86-Rn-201

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86-Rn-201

Inelastic  
Radionuclide Production Cross Section



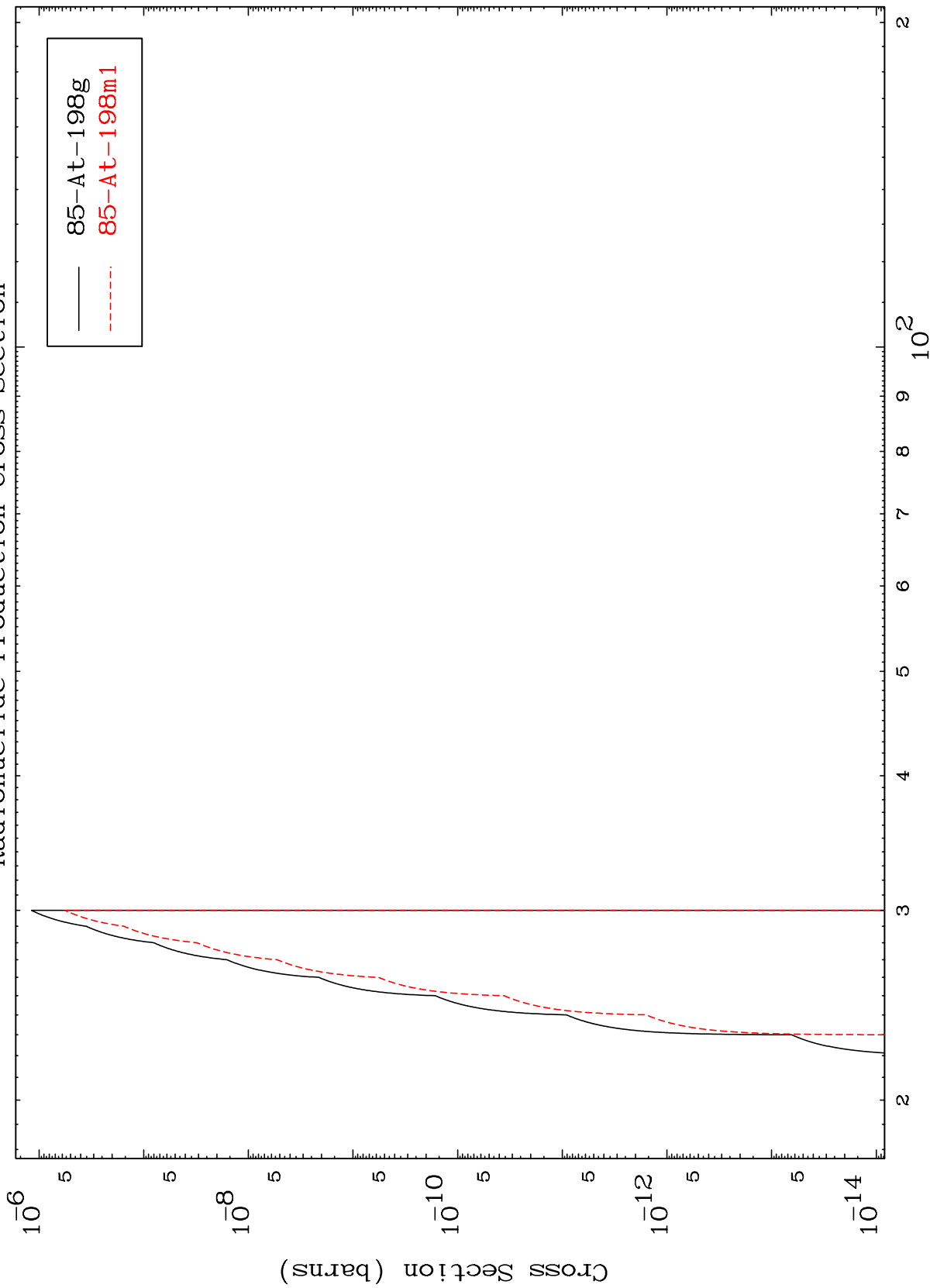
86-Rn-201 g  
86-Rn-201 m1

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(n,2n) d

86-Rn-201

Radionuclide Production Cross Section



85-At-198g  
85-At-198m1

19

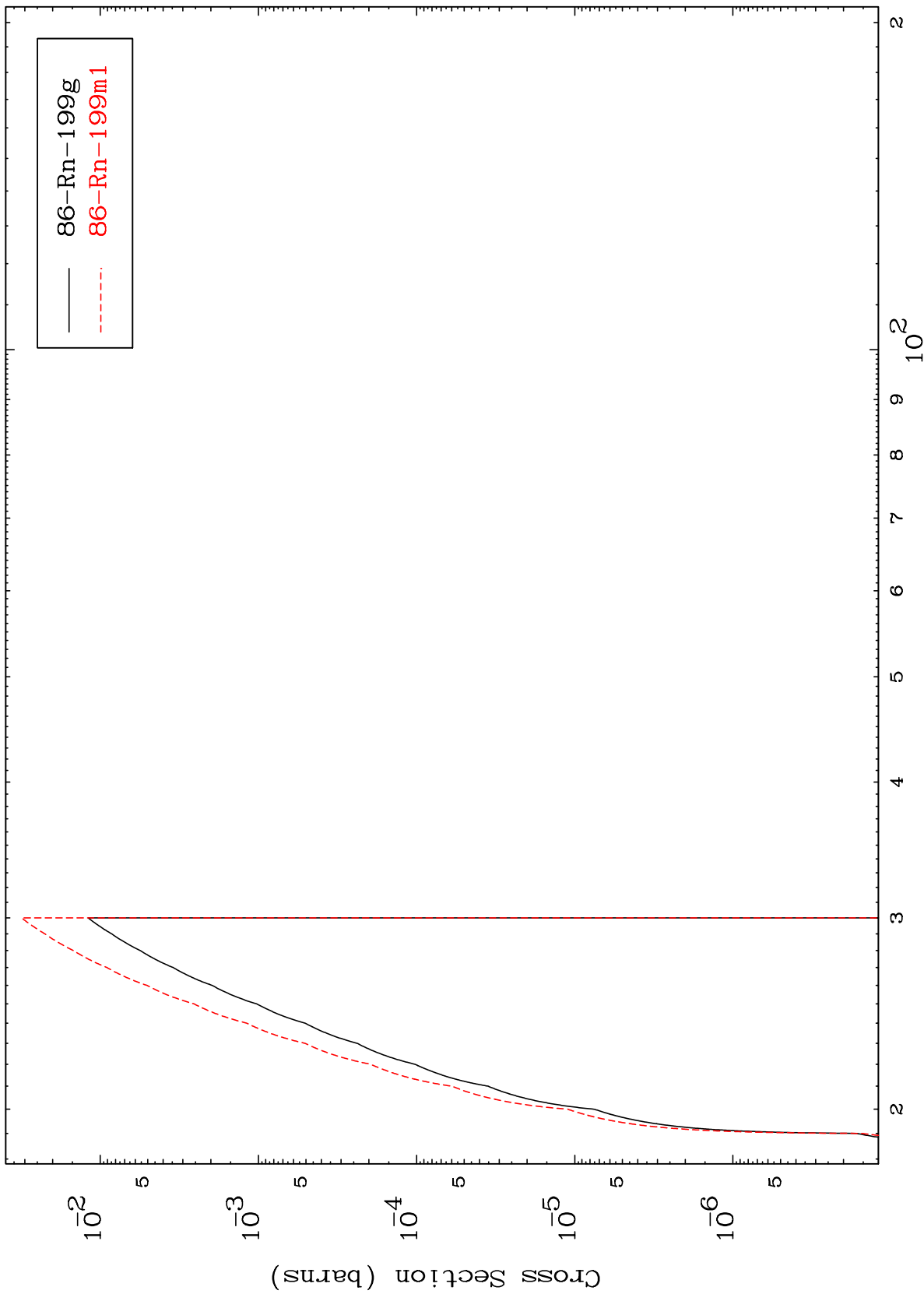
Incident Energy (MeV)

86-Rn-201

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86-Rn-201

(n,3n)  
Radionuclide Production Cross Section



86-Rn-201

Incident Energy (MeV)

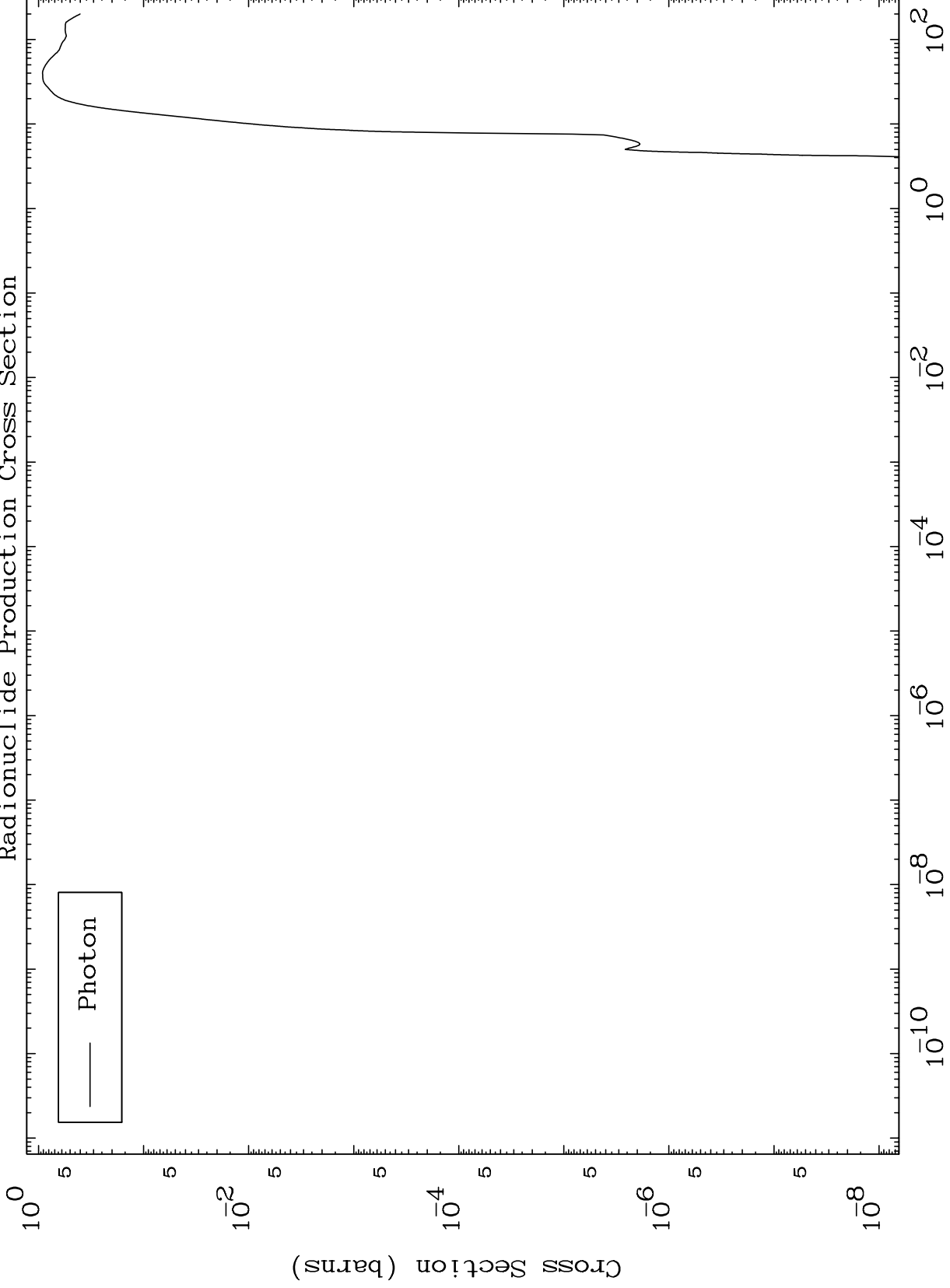
20

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Fission

86-Rn-201

Radionuclide Production Cross Section

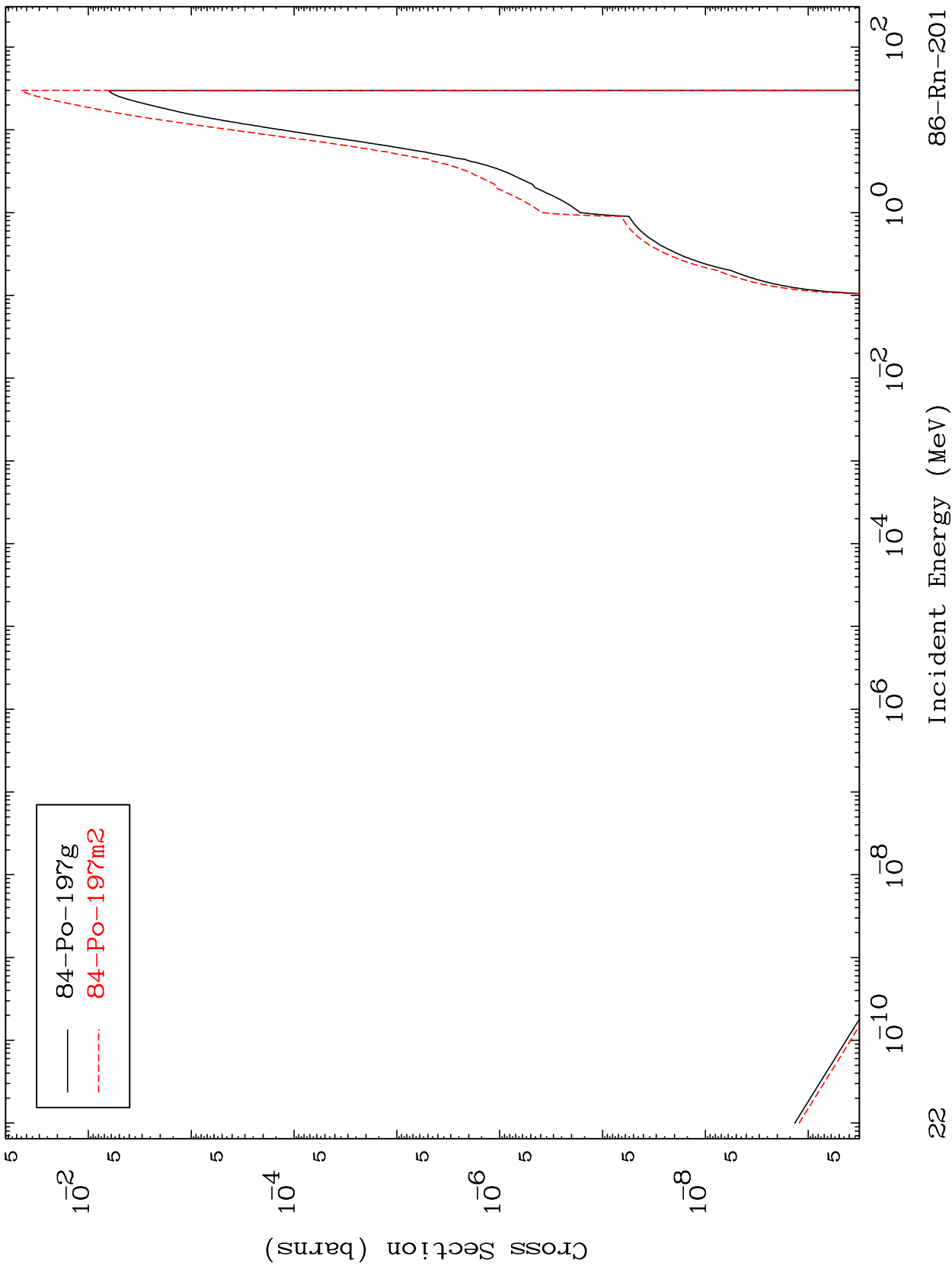


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$(n, n') \alpha$

86-Rn-201

Radionuclide Production Cross Section

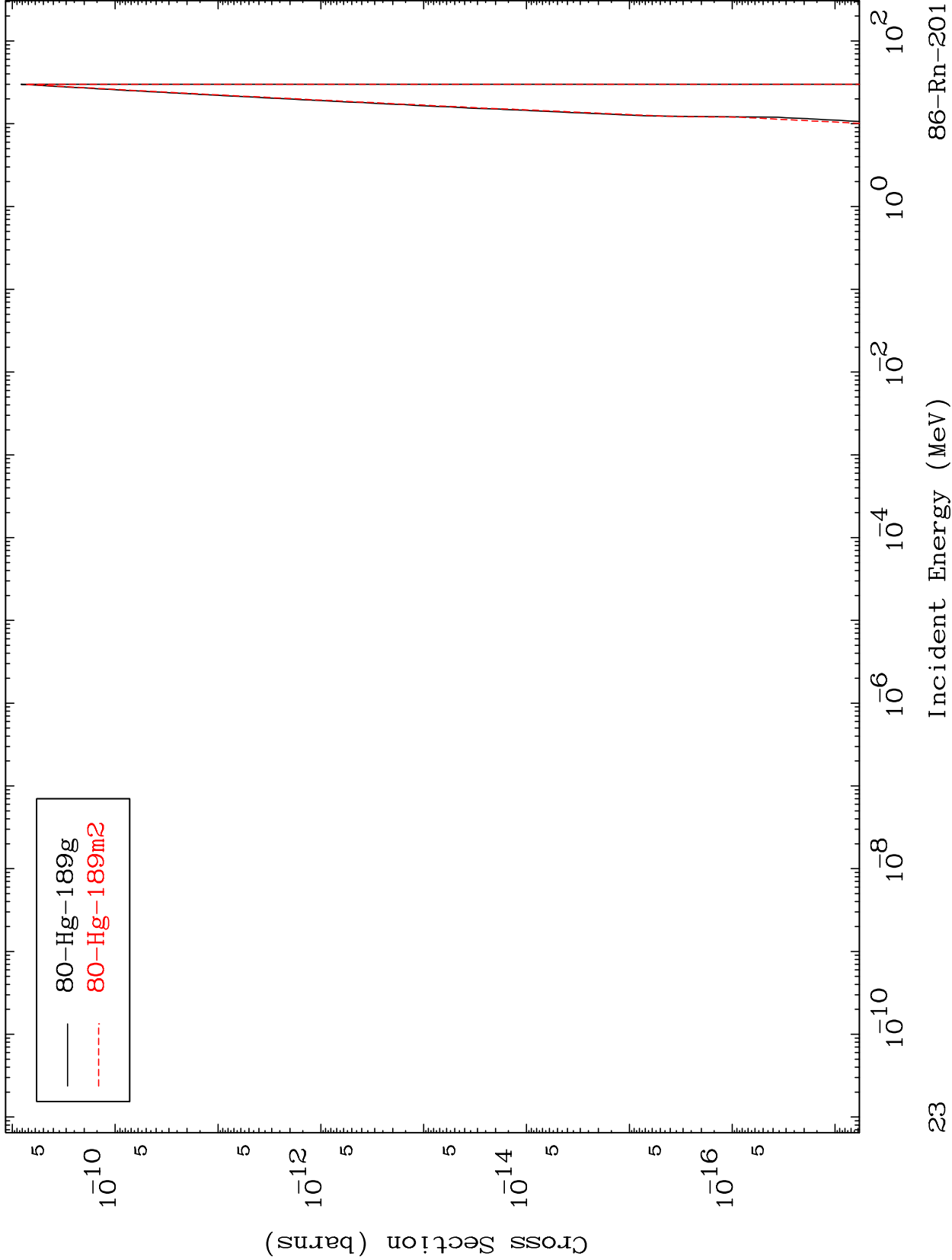


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(n,n') 3 $\alpha$

86-Rn-201

Radionuclide Production Cross Section



23

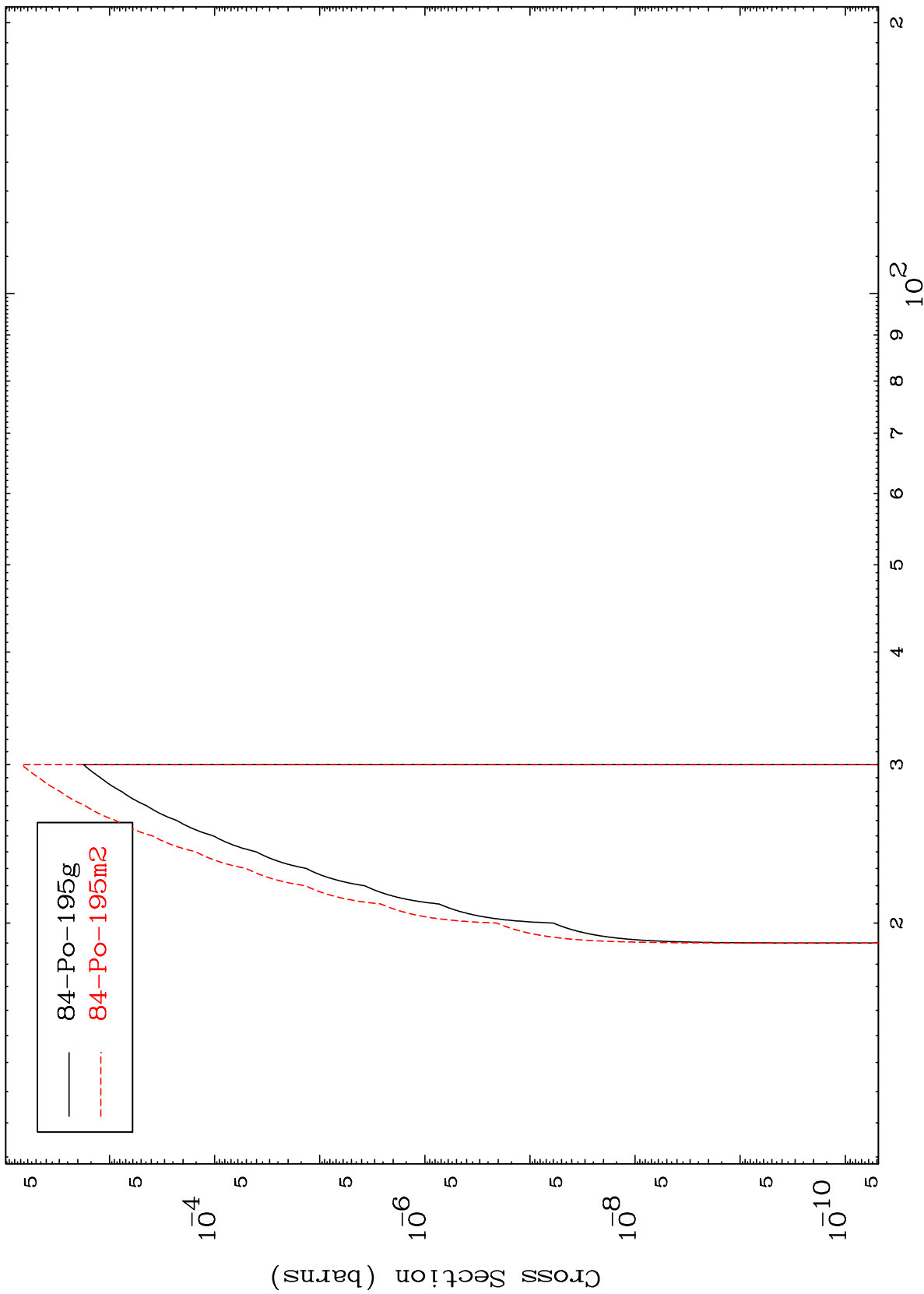


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(n,3n)  $\alpha$

86-Rn-201

Radionuclide Production Cross Section



24

Incident Energy (MeV)

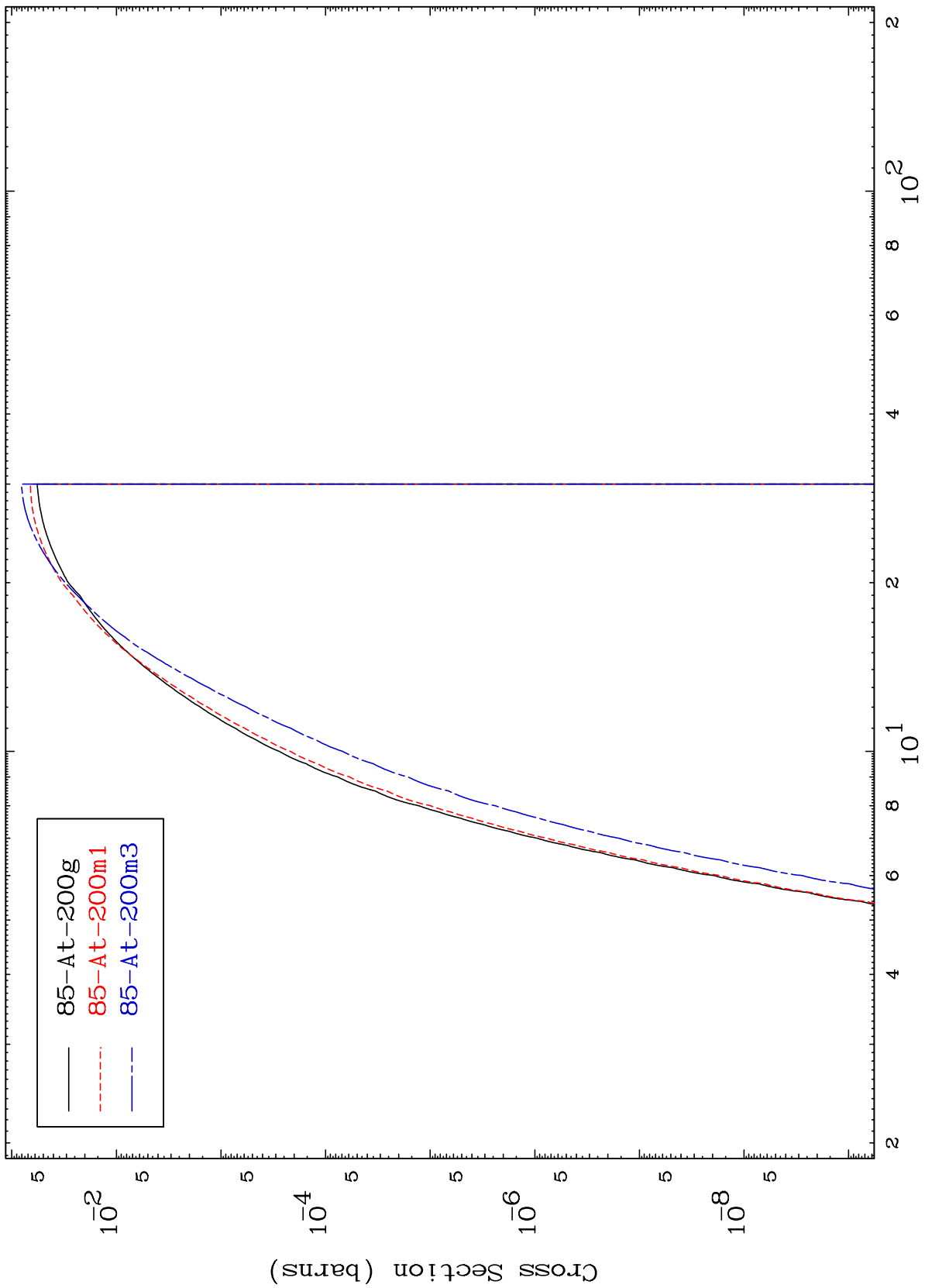
86-Rn-201

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(n,n') p

86-Rn-201

Radionuclide Production Cross Section



85-At-200g  
85-At-200m1  
85-At-200m3

25

Incident Energy (MeV)

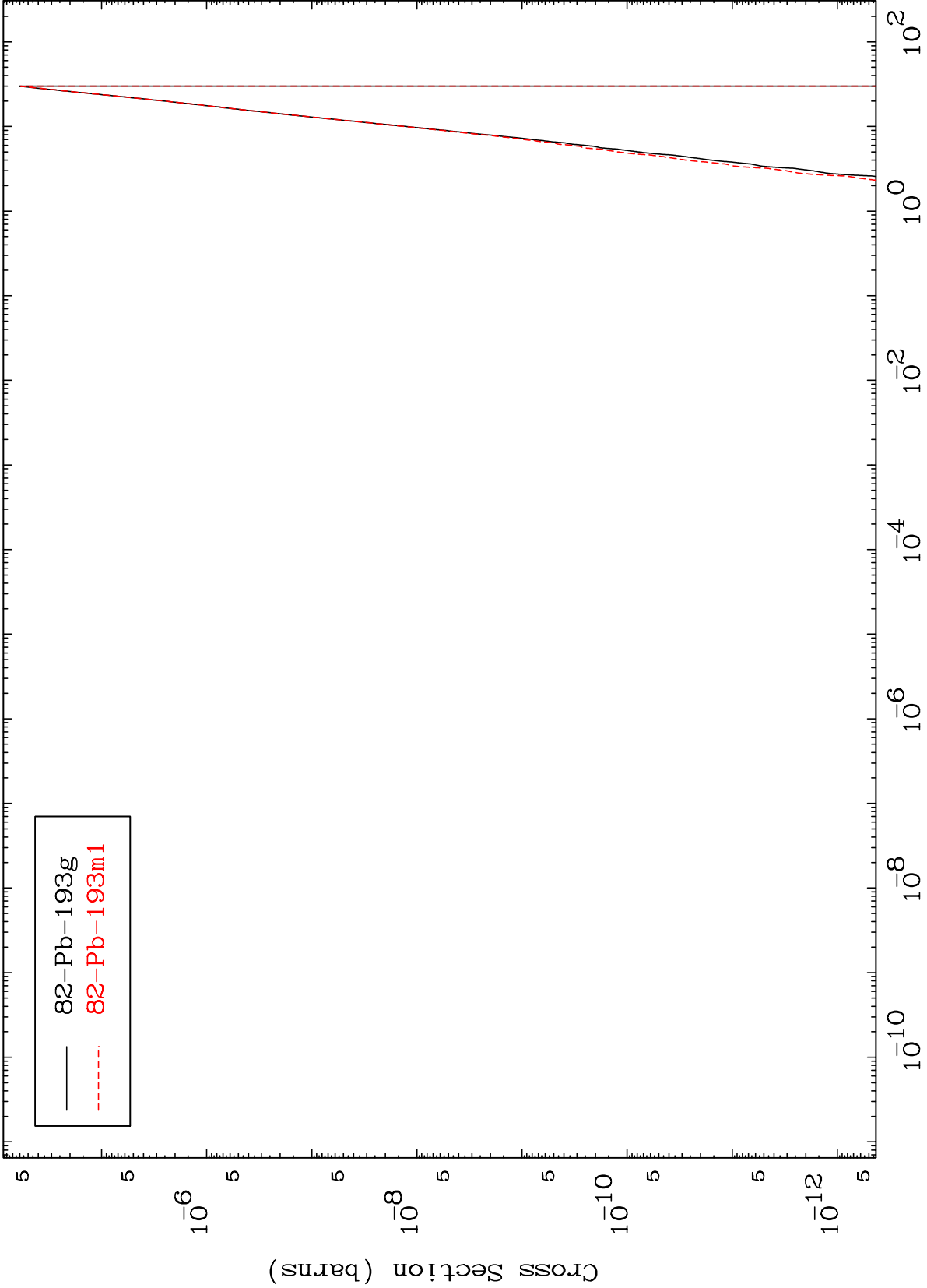
86-Rn-201

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(n,n') 2α

86-Rn-201

Radionuclide Production Cross Section



26

Incident Energy (MeV)

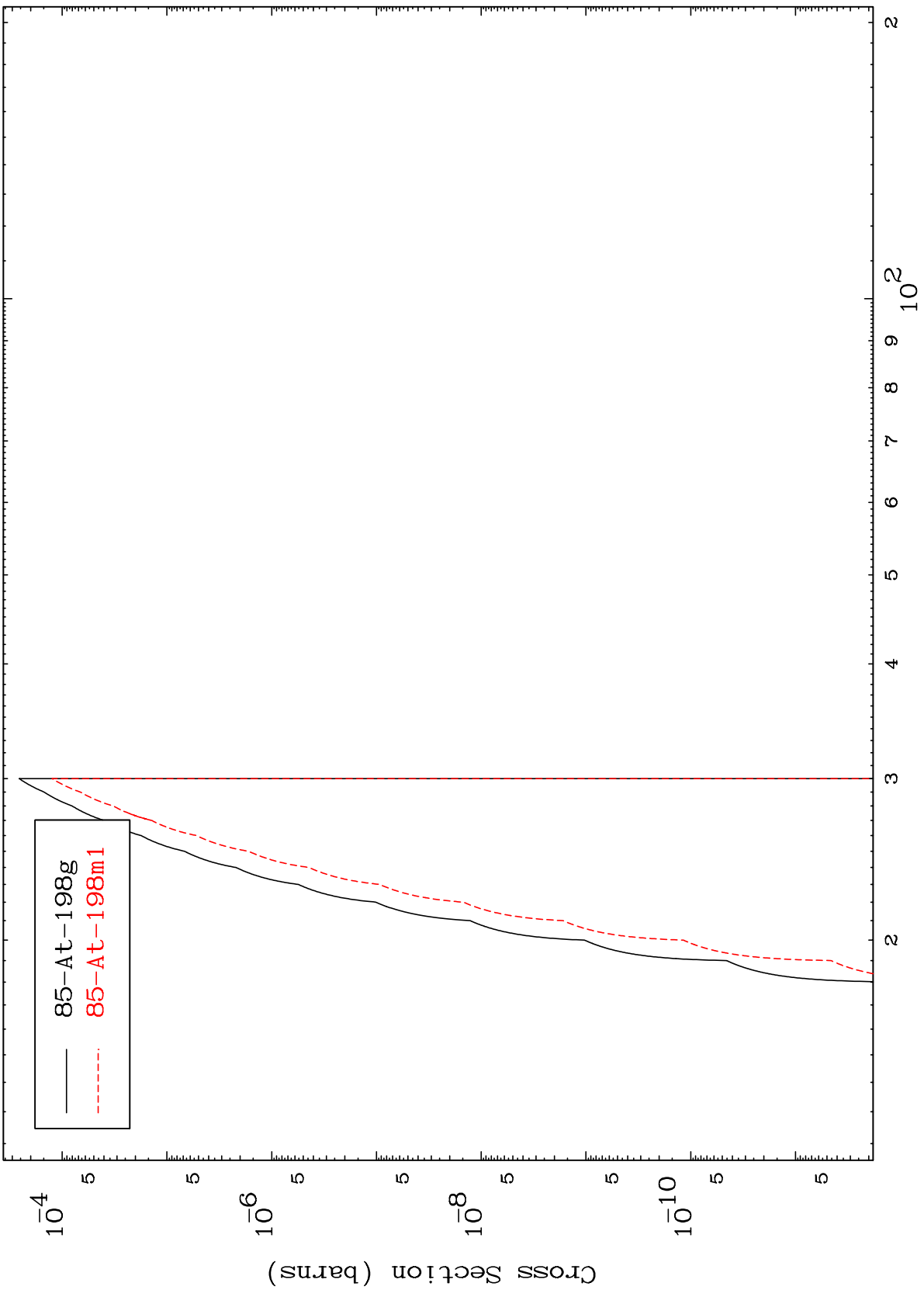
86-Rn-201

MAT 8596

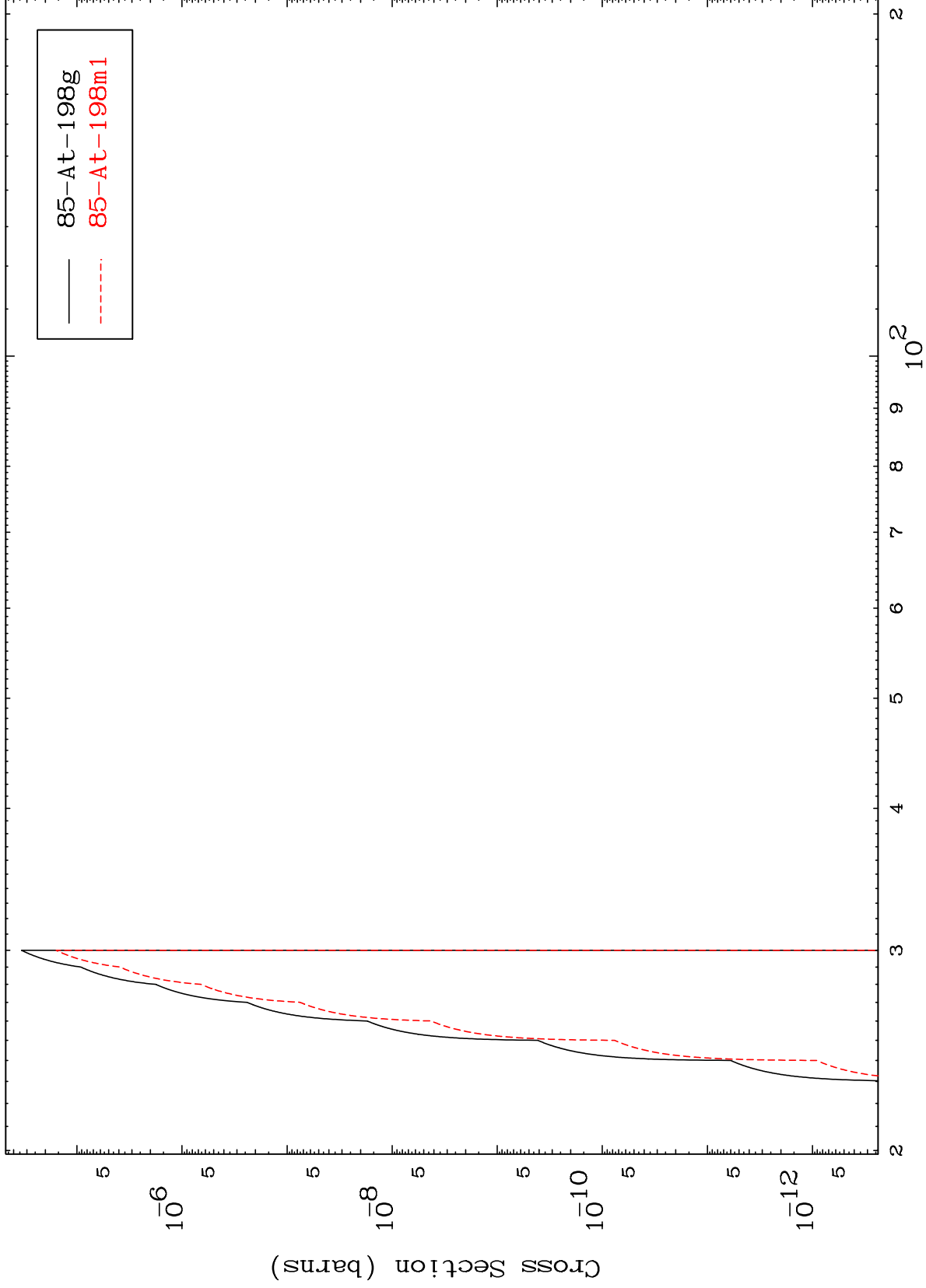
(n,n') t

86-Rn-201

Radionuclide Production Cross Section



Radionuclide Production Cross Section

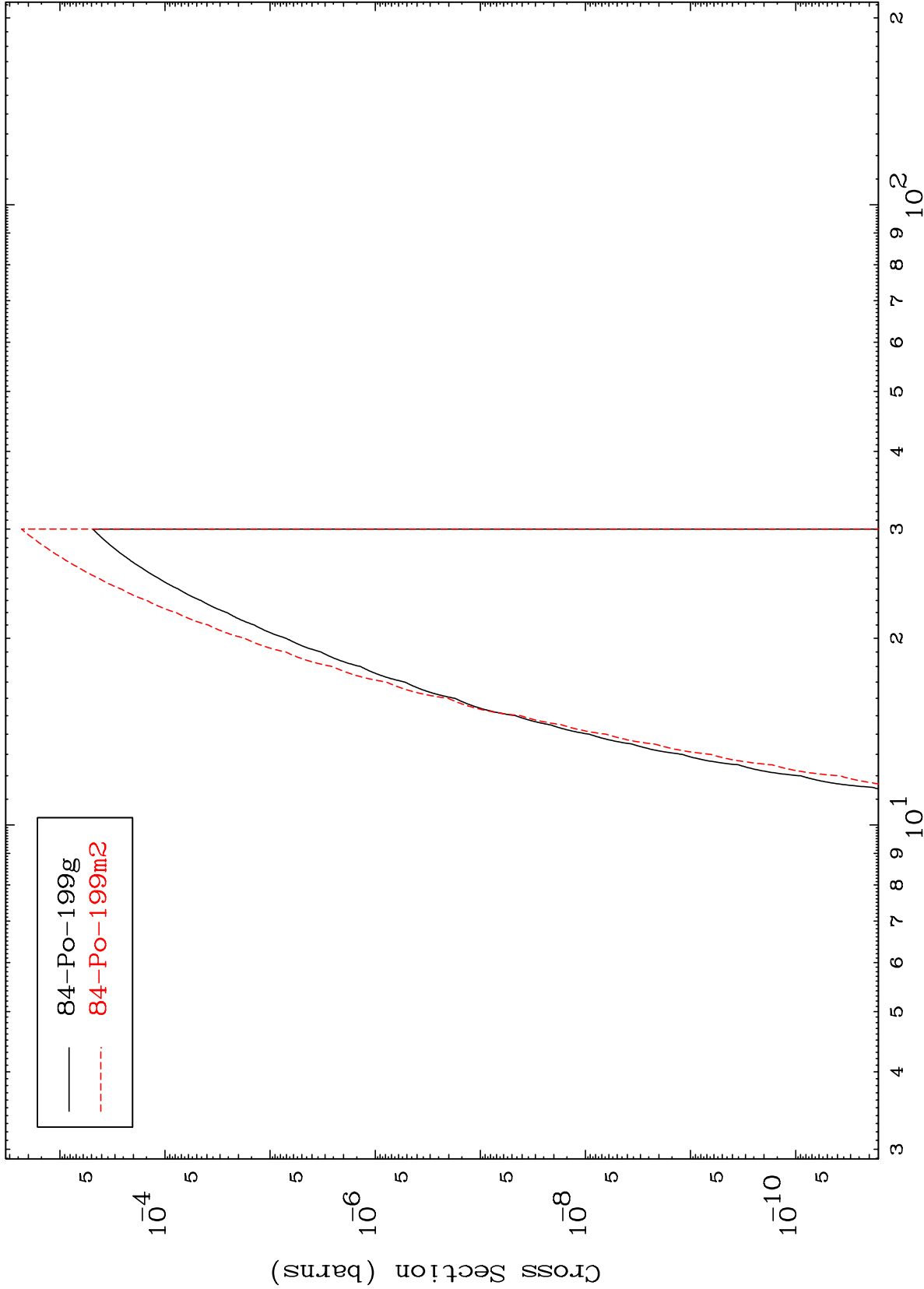


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86-Rn-201

(n,2n) p

Radionuclide Production Cross Section



29

Incident Energy (MeV)

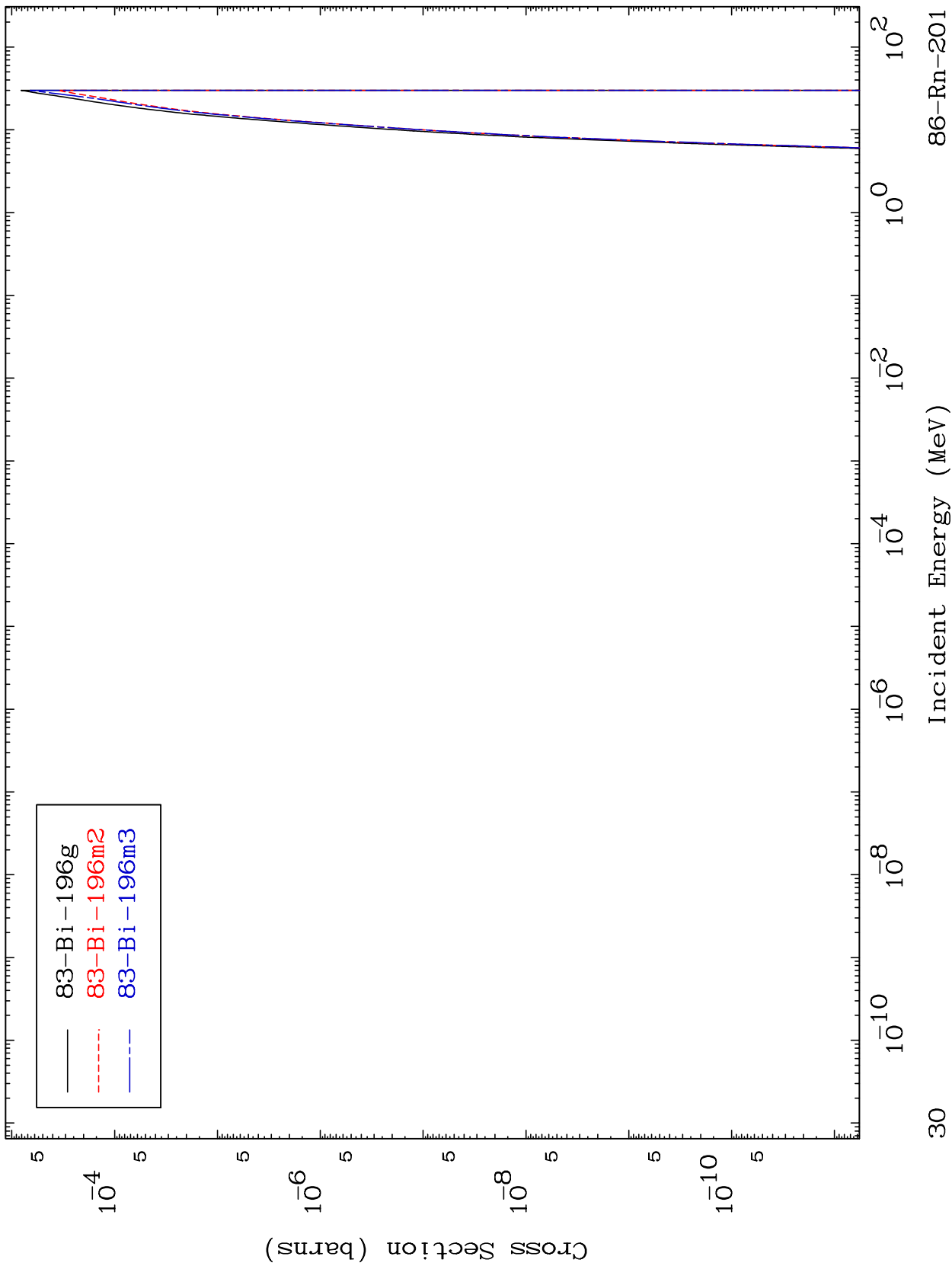
86-Rn-201

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(n,n') p  $\alpha$

86-Rn-201

Radionuclide Production Cross Section

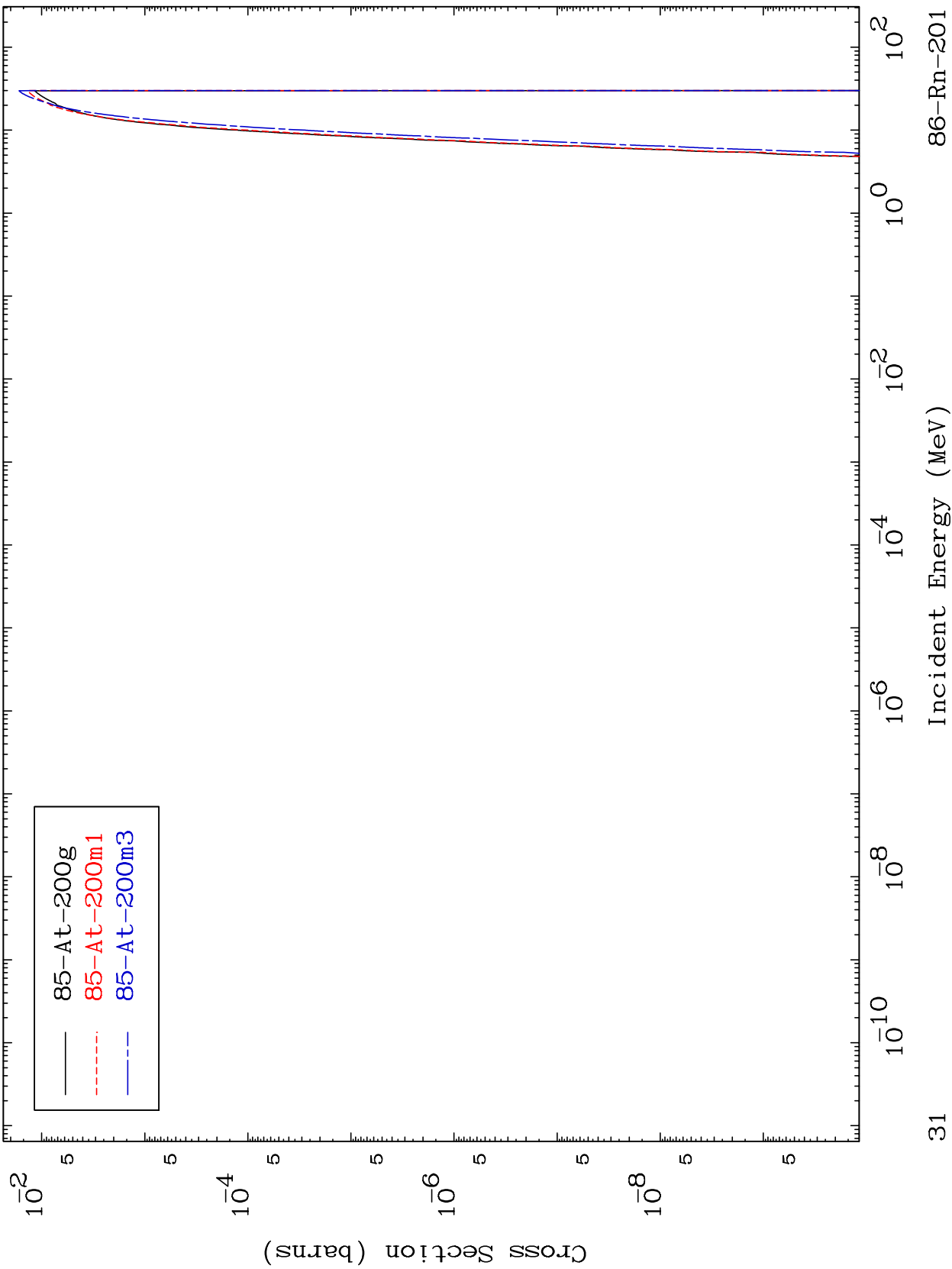


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(n,d)

86-Rn-201

Radionuclide Production Cross Section



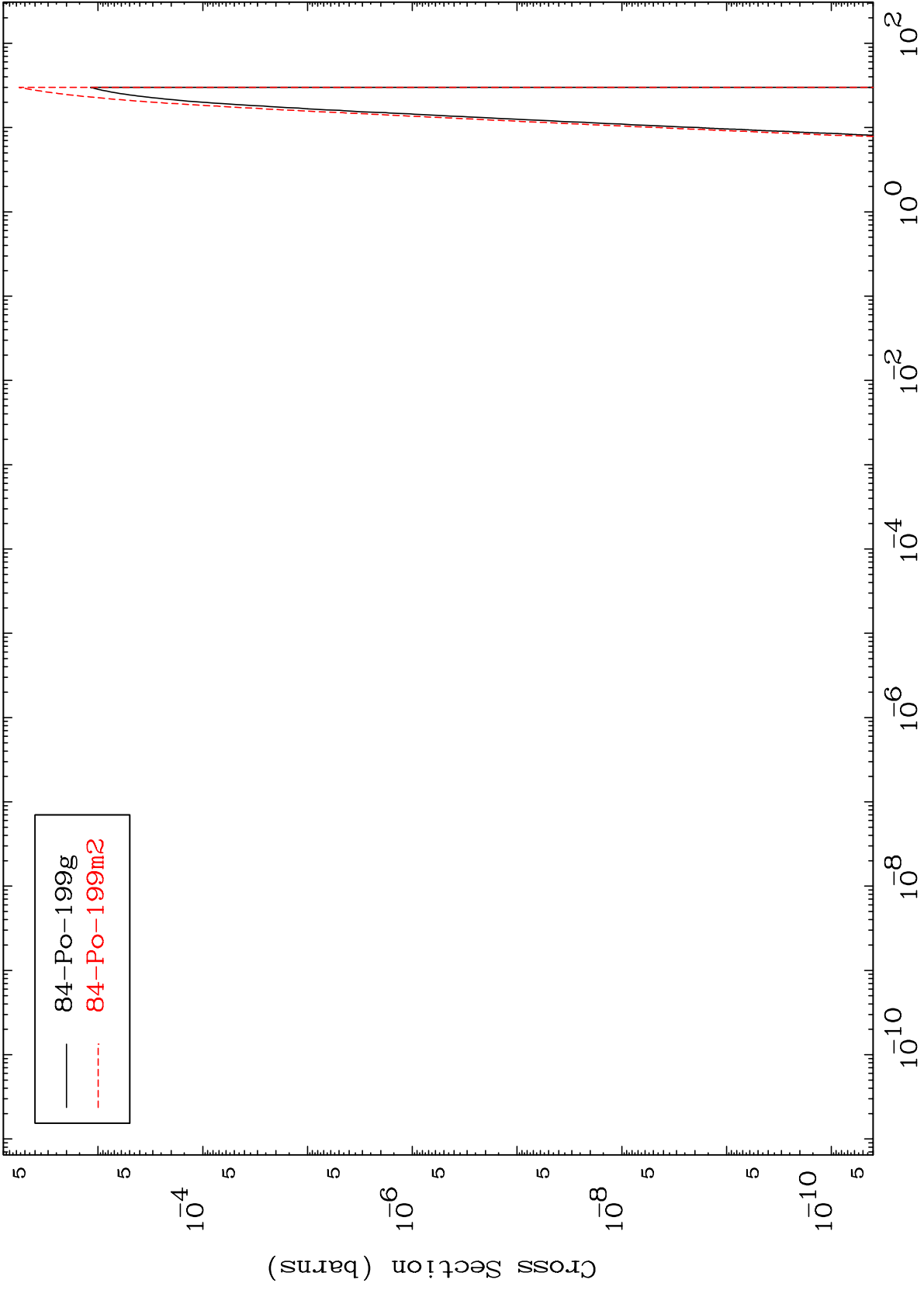


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(n,He-3)

86-Rn-201

Radionuclide Production Cross Section

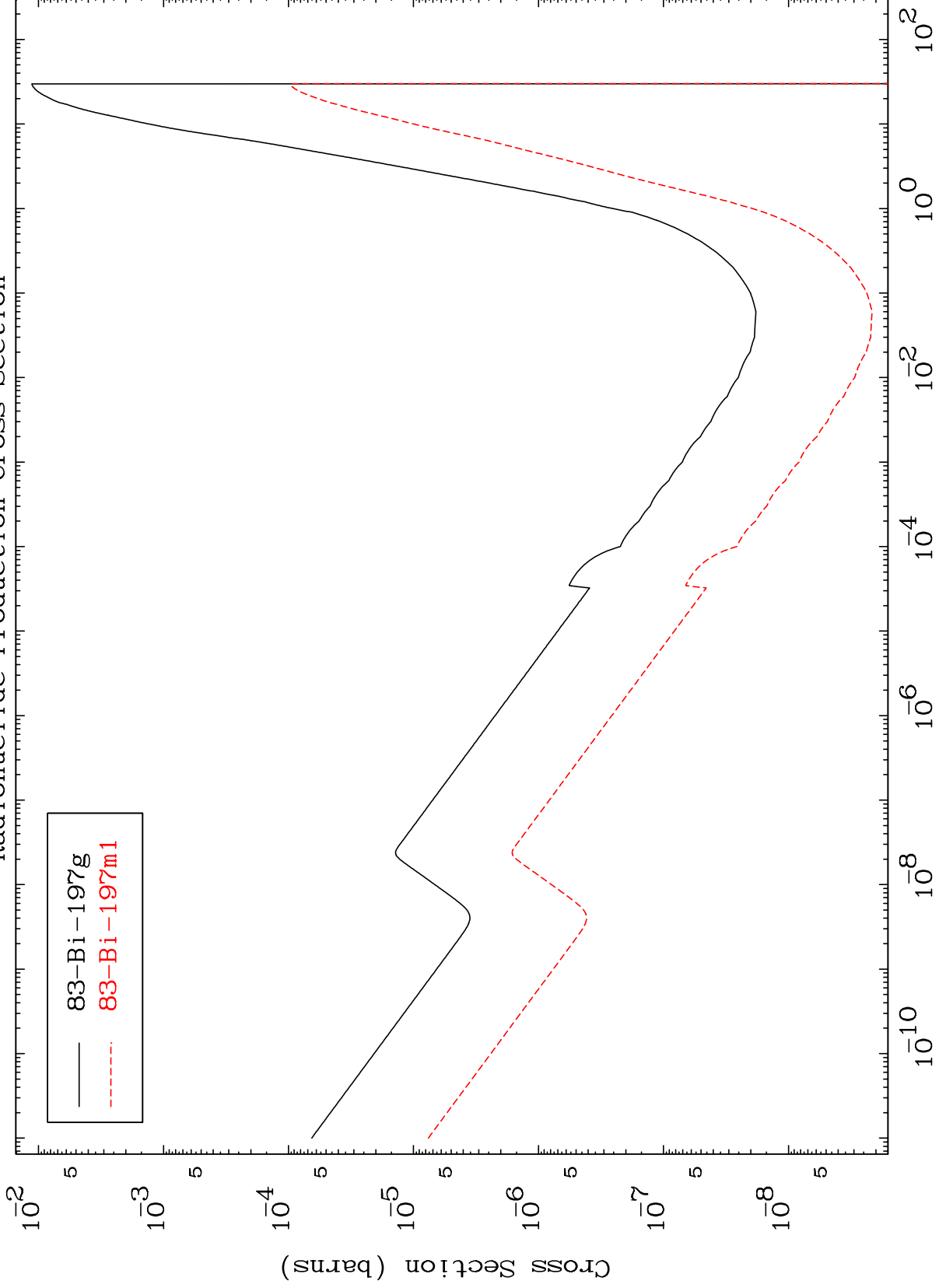


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(n,p)  $\alpha$

86-Rn-201

Radionuclide Production Cross Section



33

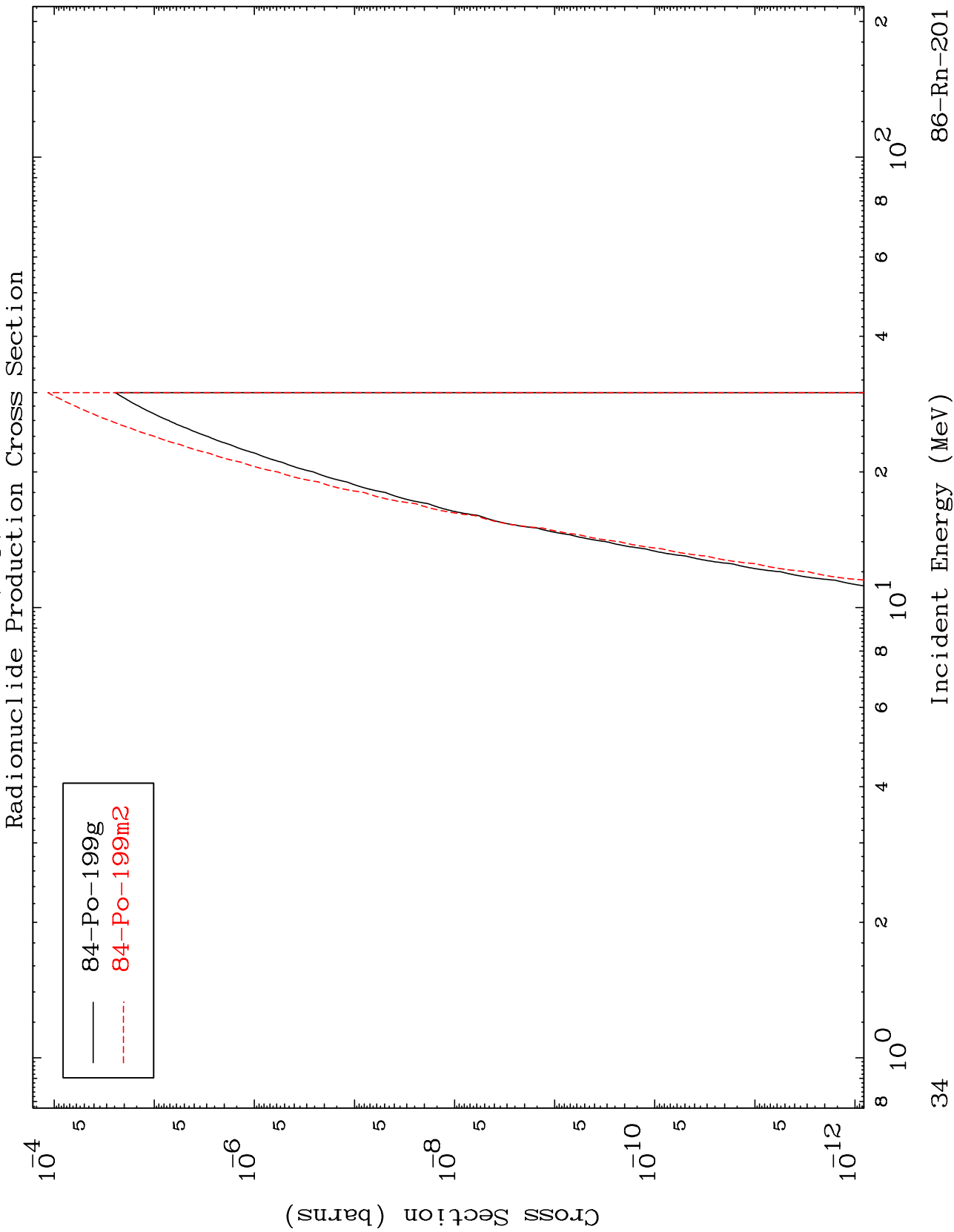
Incident Energy (MeV)

86-Rn-201

MAT 8596

(n,p) d

86-Rn-201



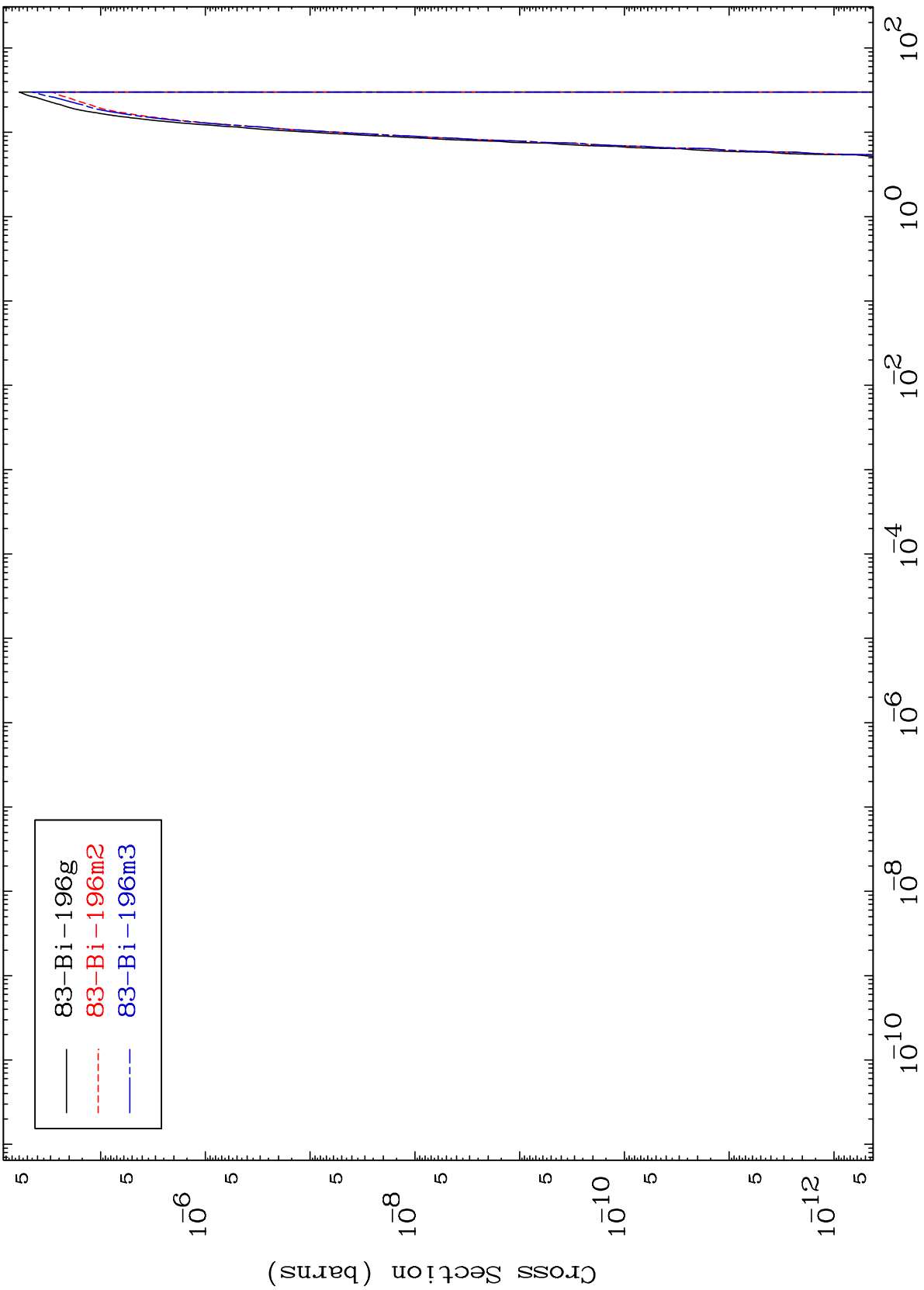
34

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(n,d)  $\alpha$

86-Rn-201

Radionuclide Production Cross Section



35

Incident Energy (MeV)

86-Rn-201