

Program EVALPLOT  
(Version 2021-1)

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

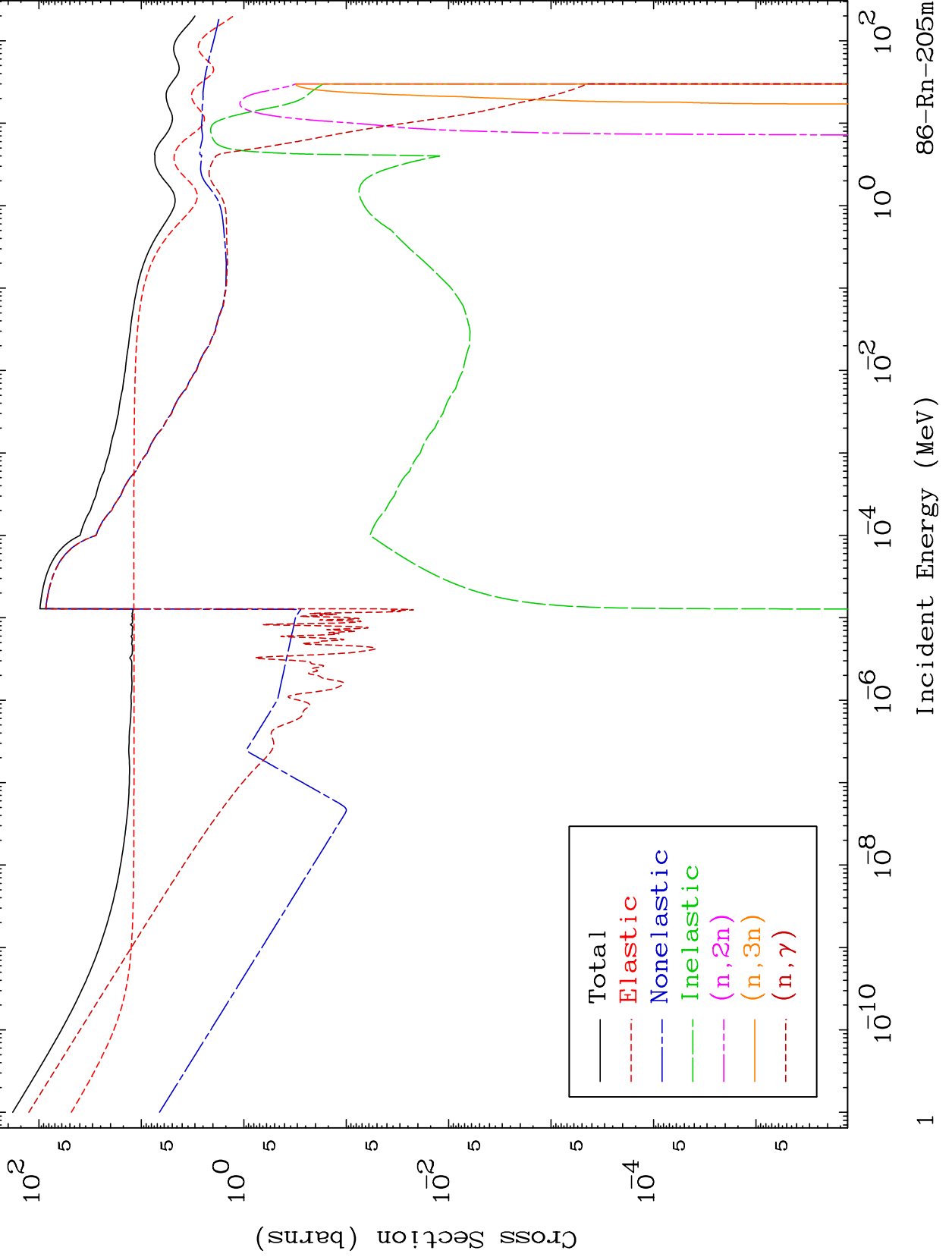
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Press Mouse Button to Start

MAT 8608

Neutron Major  
293 Kelvin Cross Sections

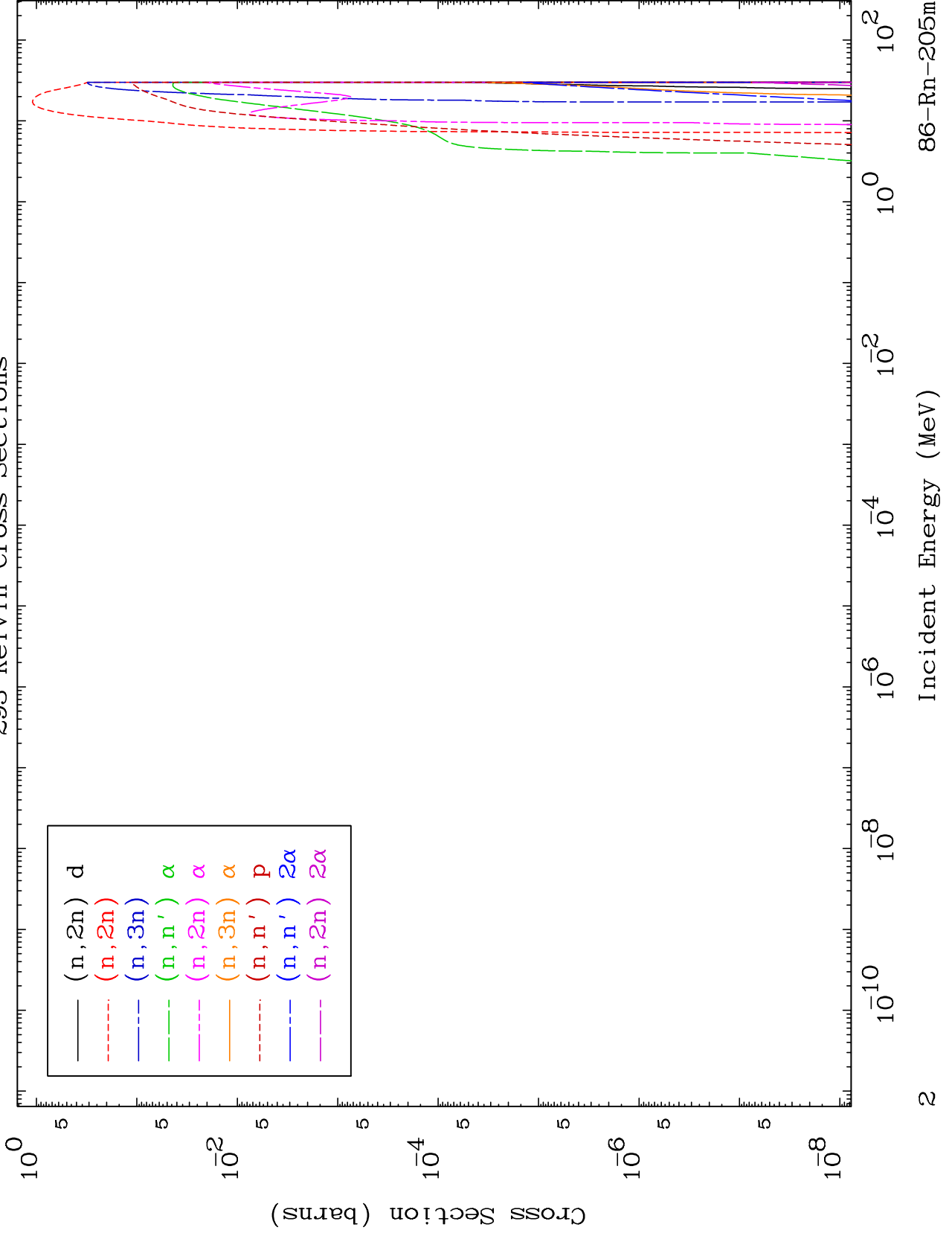
86-Rn-205m



MAT 8608

Neutron Absorption  
293 Kelvin Cross Sections

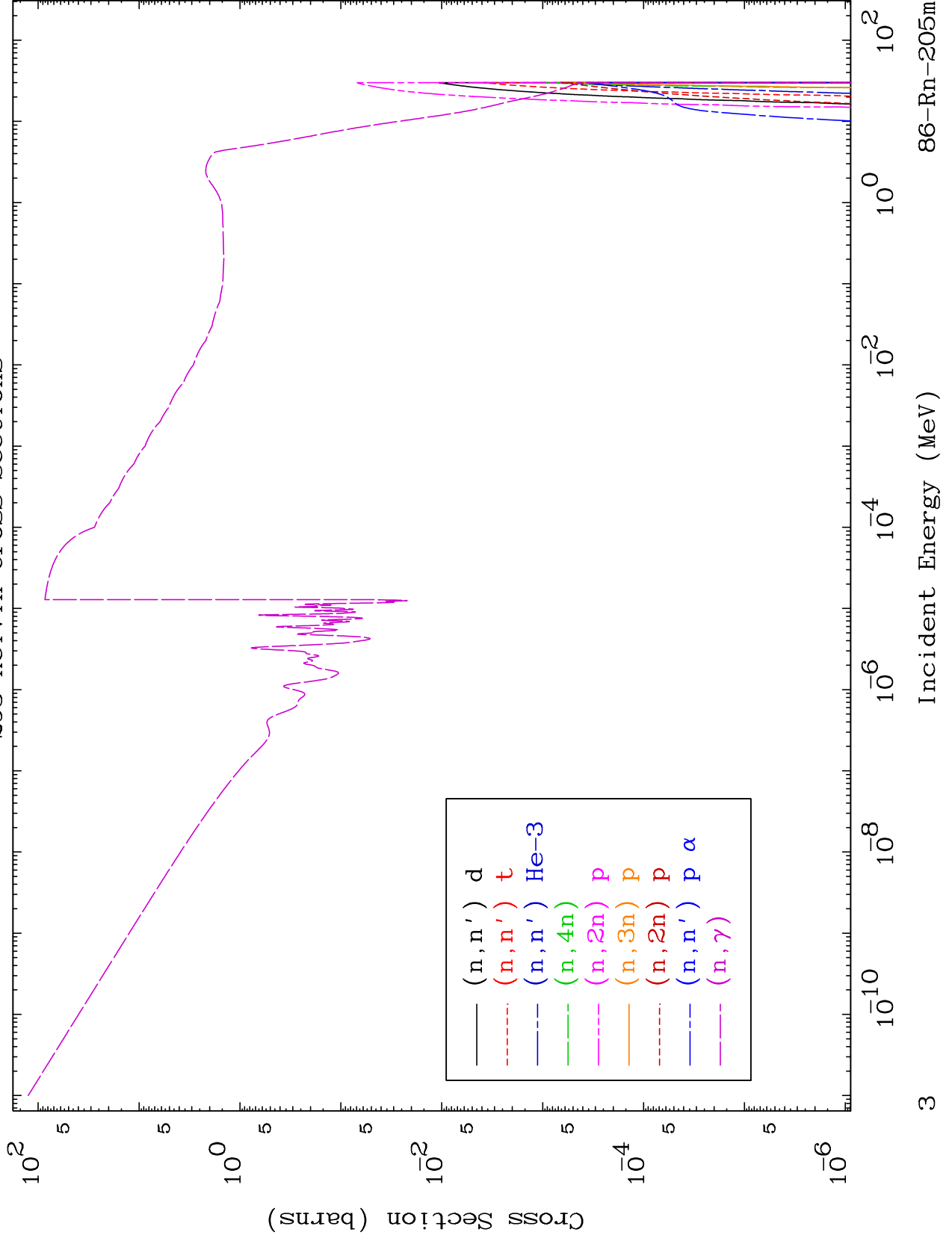
86-Rn-205m



MAT 8608

Neutron Absorption  
293 Kelvin Cross Sections

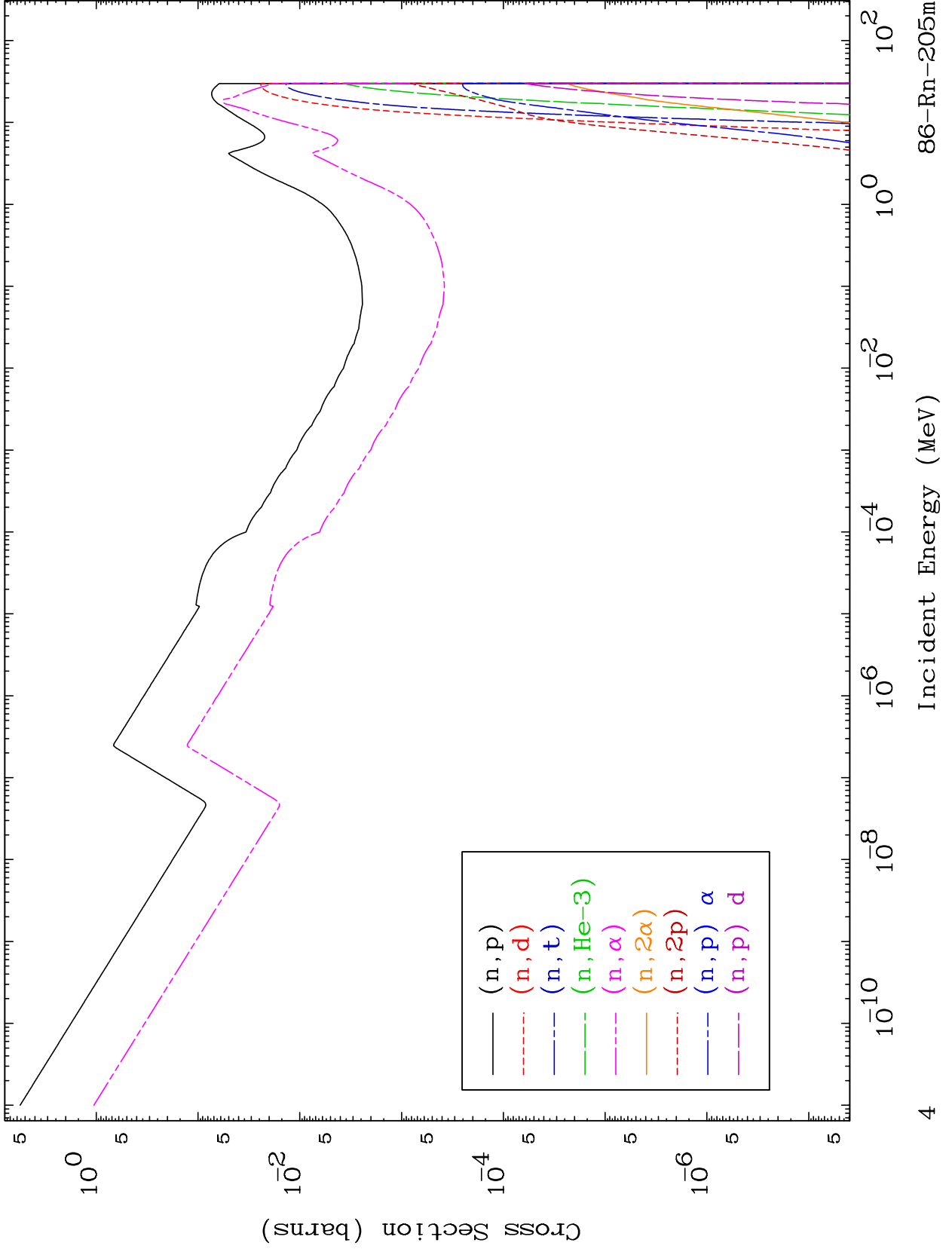
86-Rn-205m



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Neutron Absorption  
293 Kelvin Cross Sections

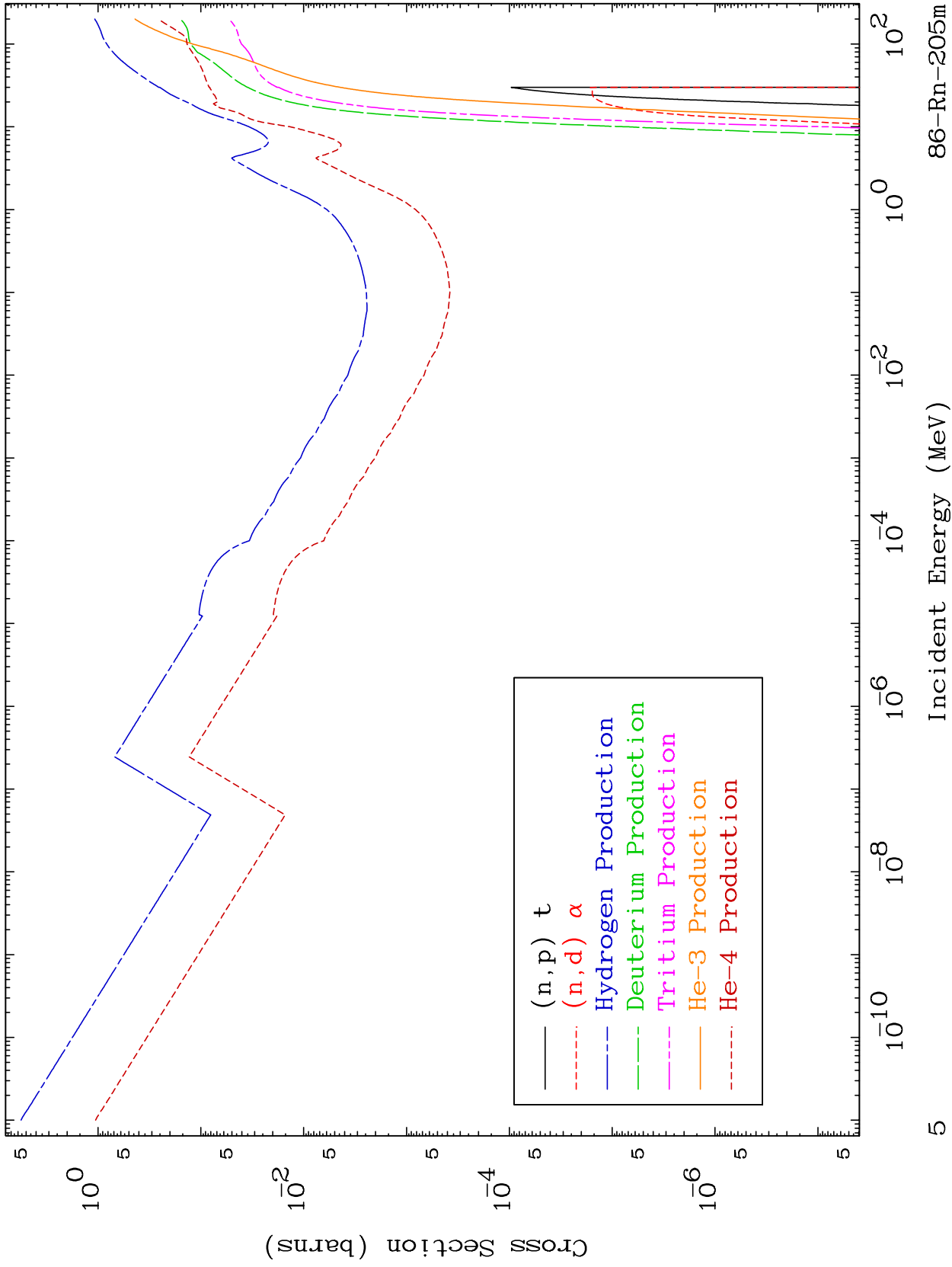
86-Rn-205m



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Neutron Absorption  
293 Kelvin Cross Sections

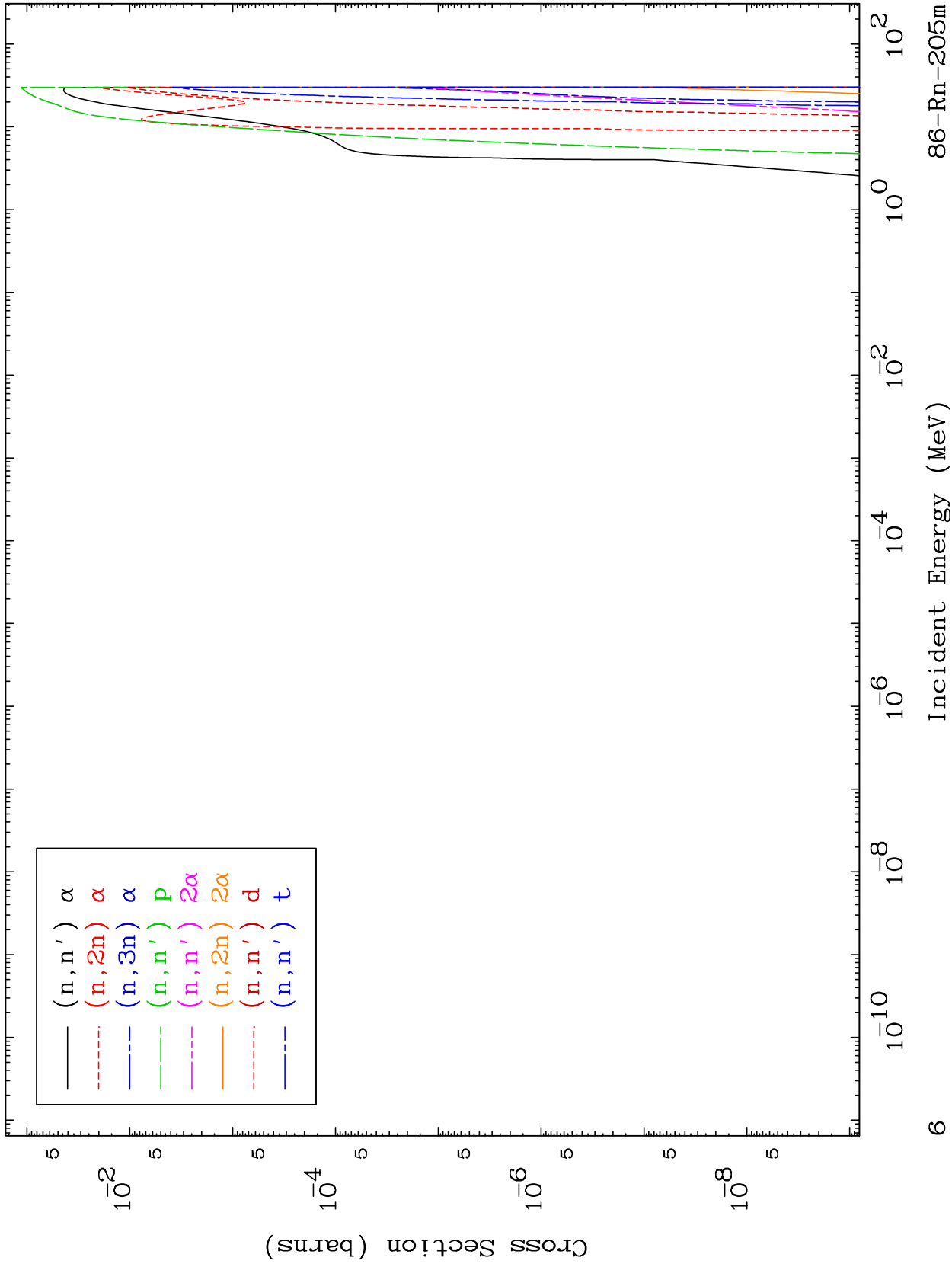
86-Rn-205m



MAT 8608

Charged Particle  
293 Kelvin Cross Sections

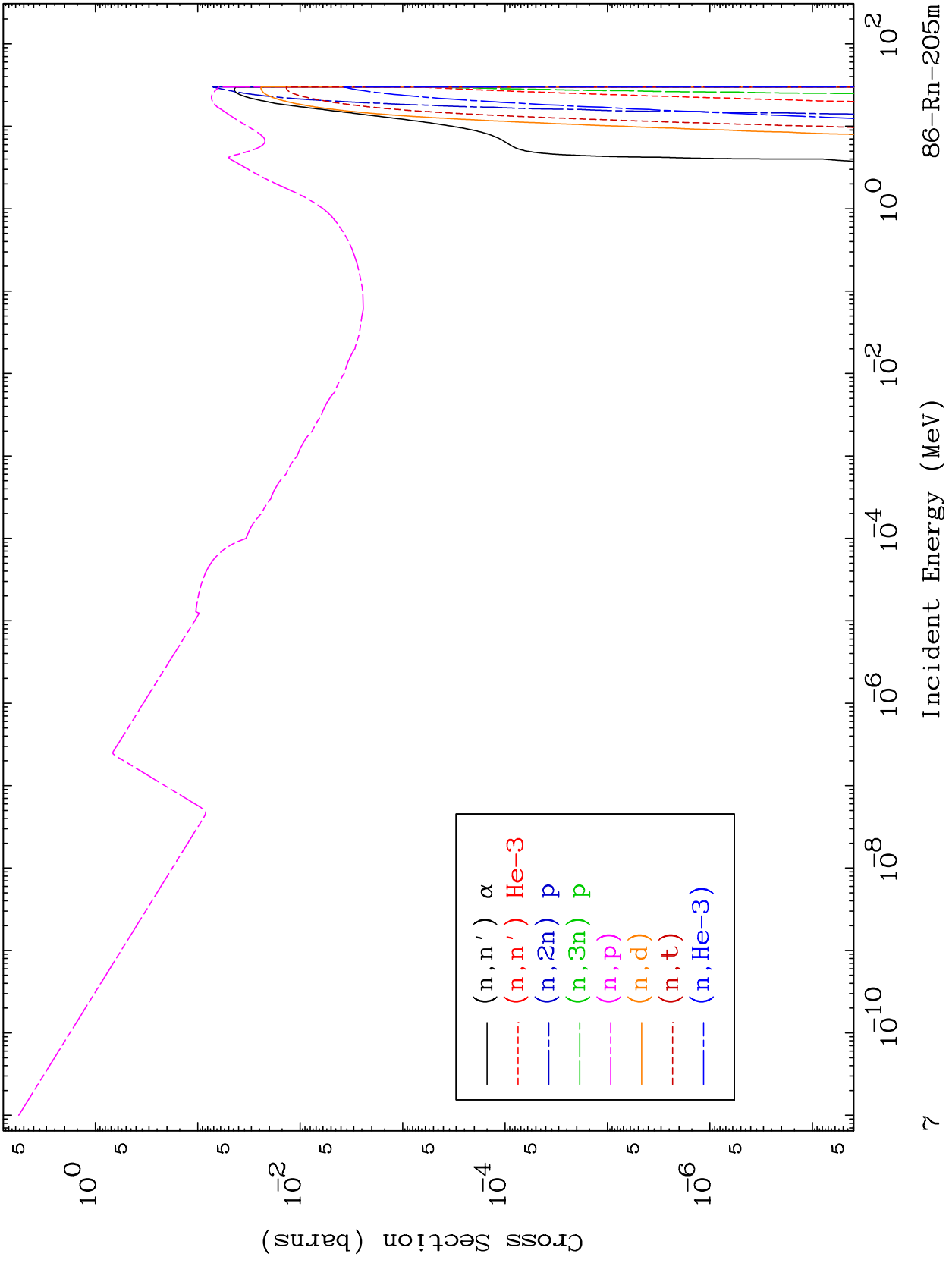
86-Rn-205m



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Charged Particle  
293 Kelvin Cross Sections

86-Rn-205m

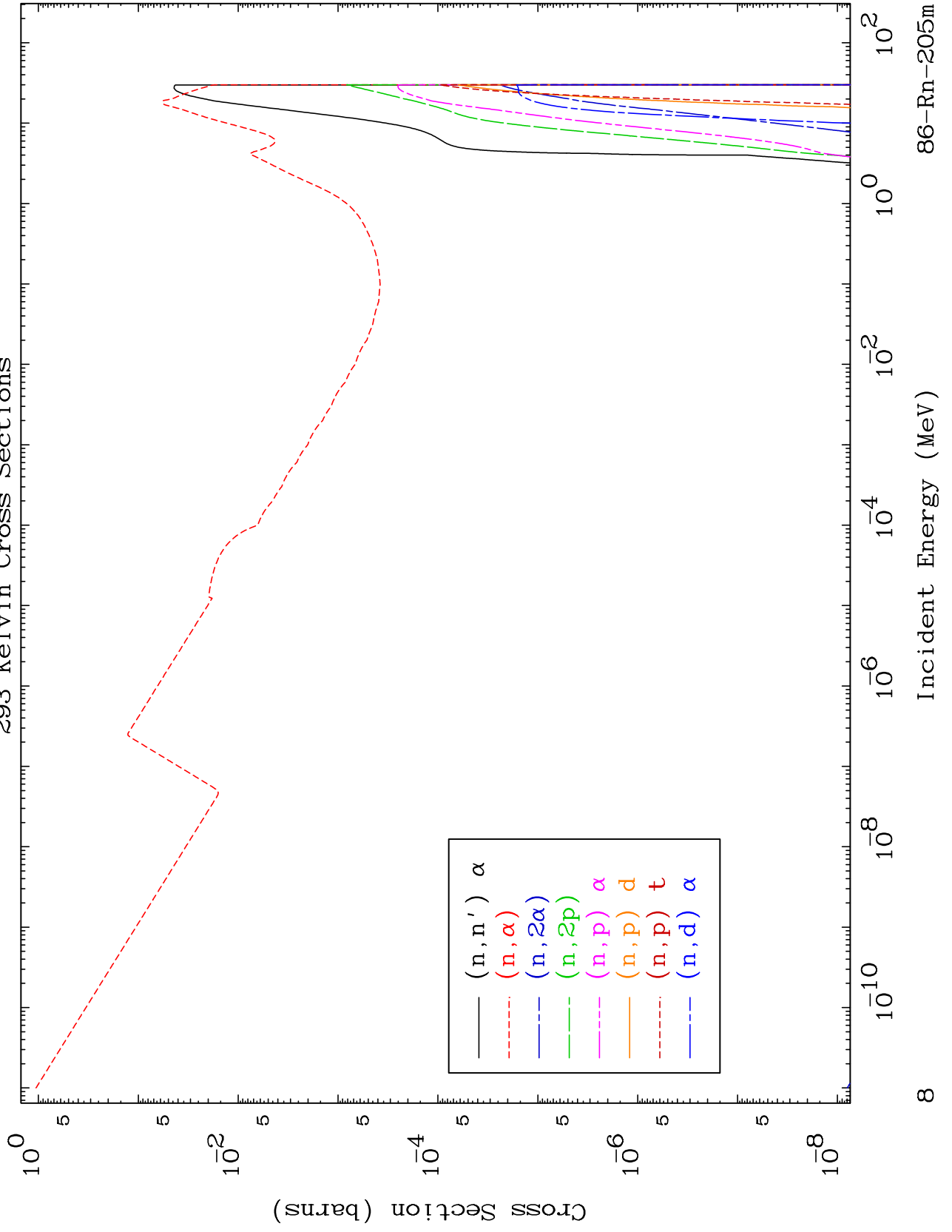




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Charged Particle  
293 Kelvin Cross Sections

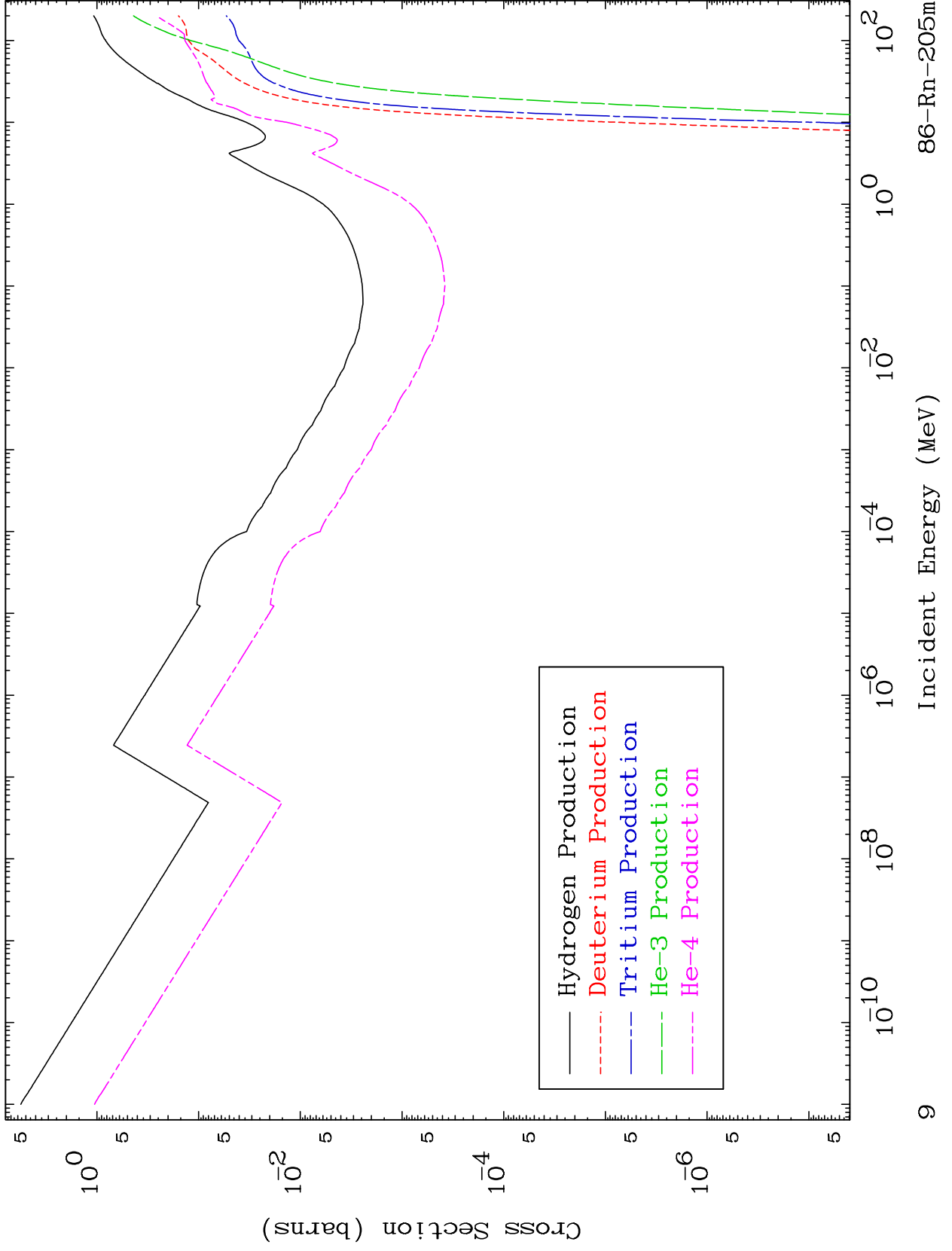
86-Rn-205m



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Particle Production  
293 Kelvin Cross Sections

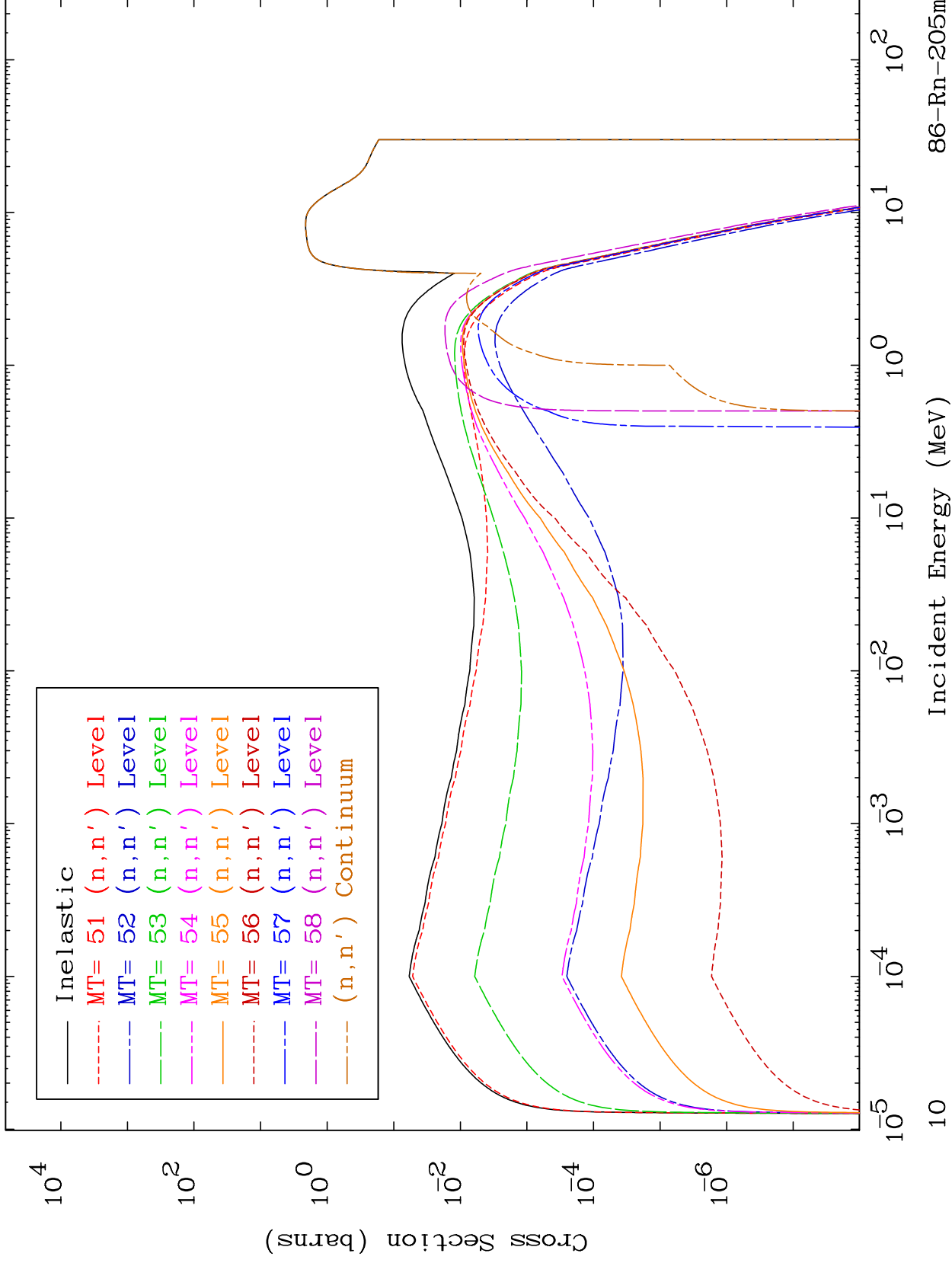
86-Rn-205m



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(n,n') Levels  
293 Kelvin Cross Sections

86-Rn-205m



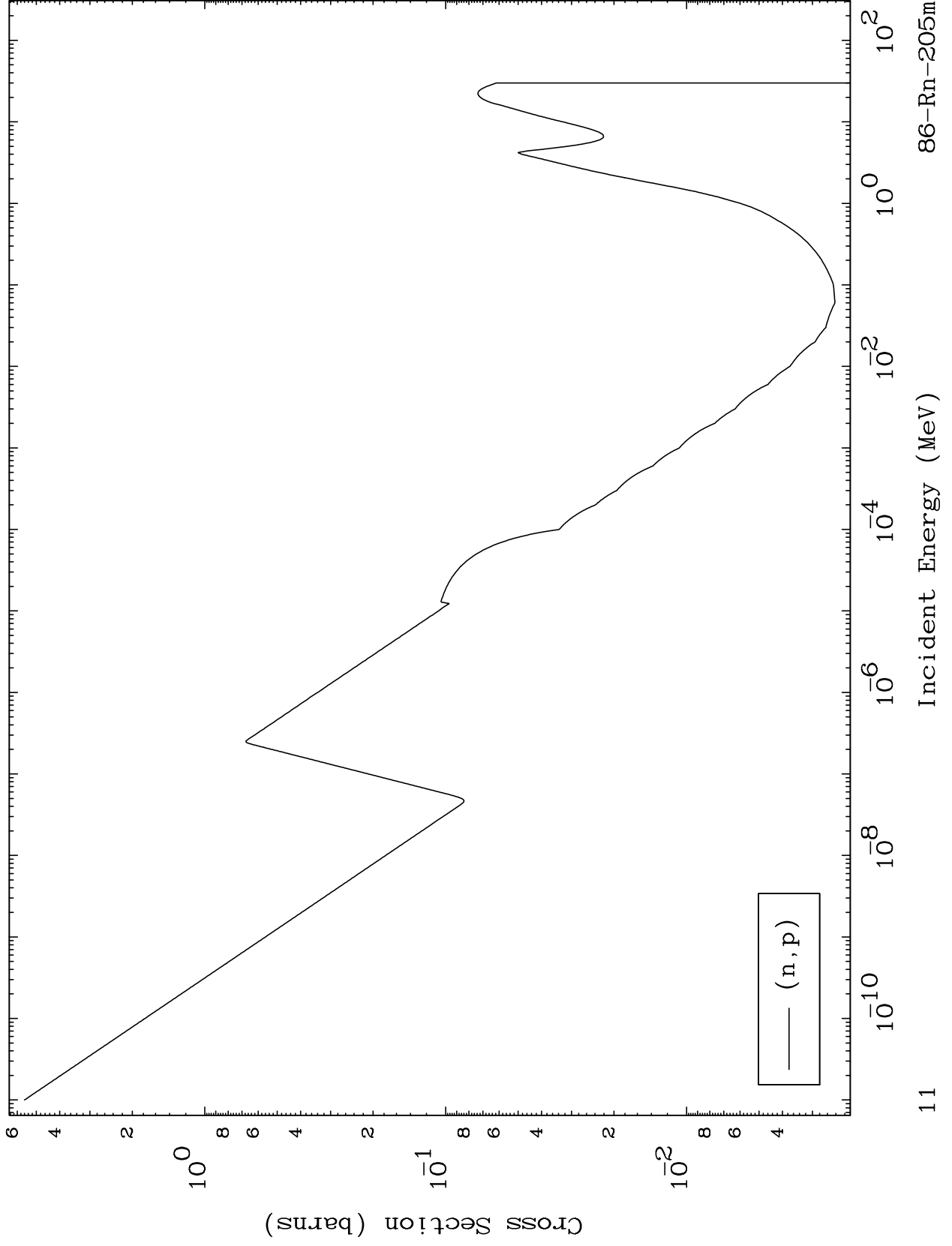
86-Rn-205m

Incident Energy (MeV)

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(n,p) Levels  
293 Kelvin Cross Sections

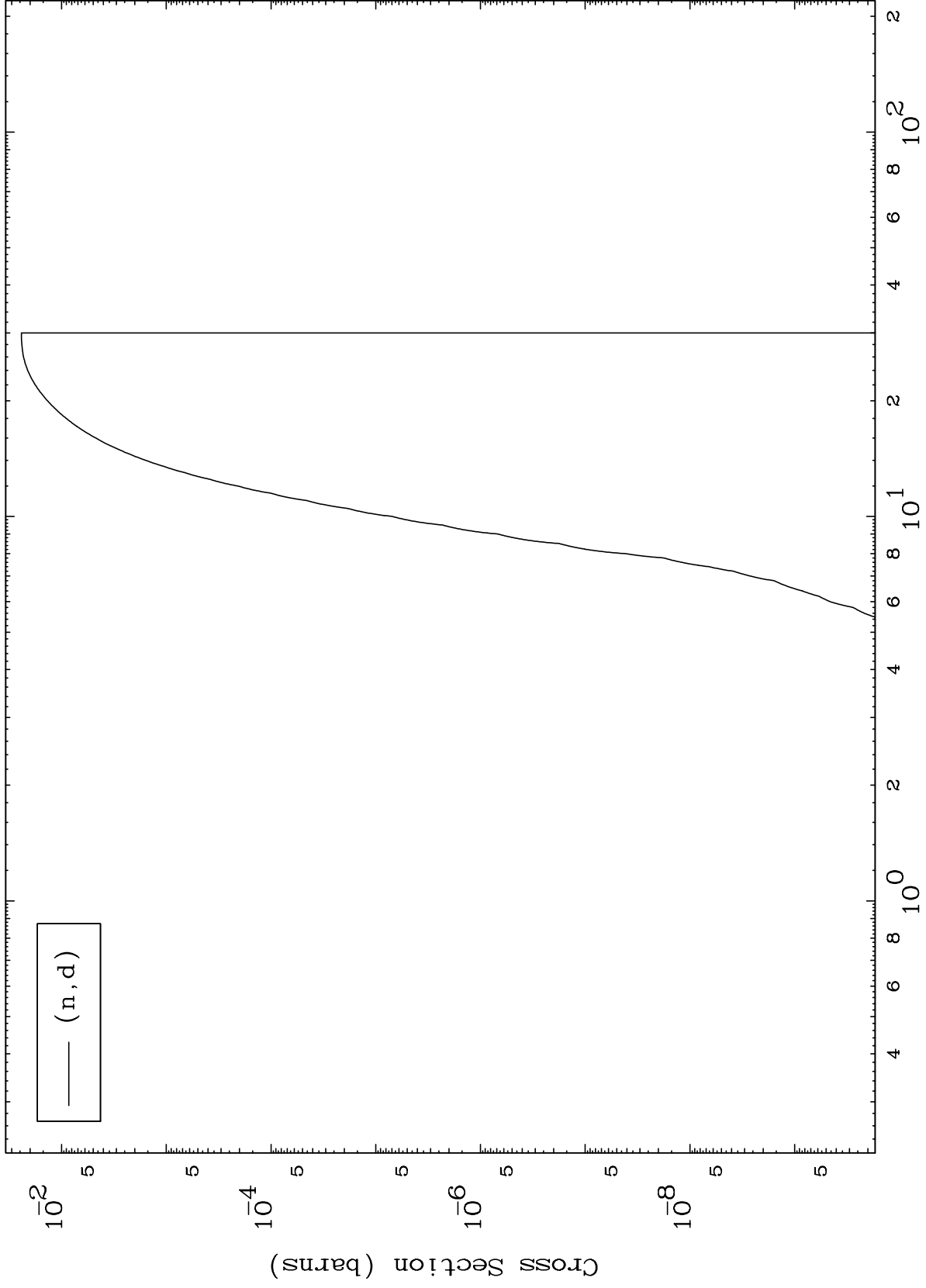
86-Rn-205m



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(n,d) Levels  
293 Kelvin Cross Sections

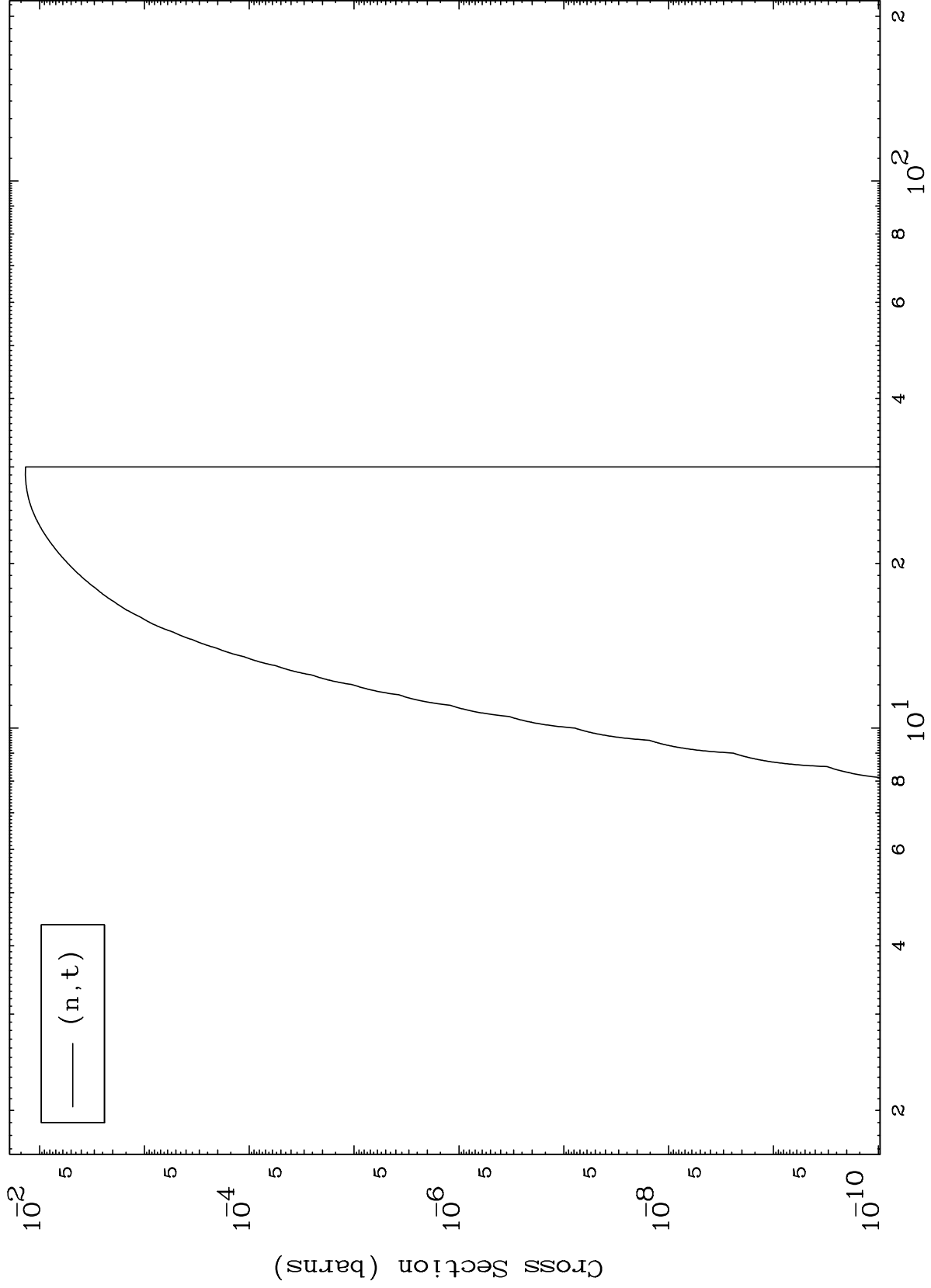
86-Rn-205m



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(n,t) Levels  
293 Kelvin Cross Sections

86-Rn-205m



13

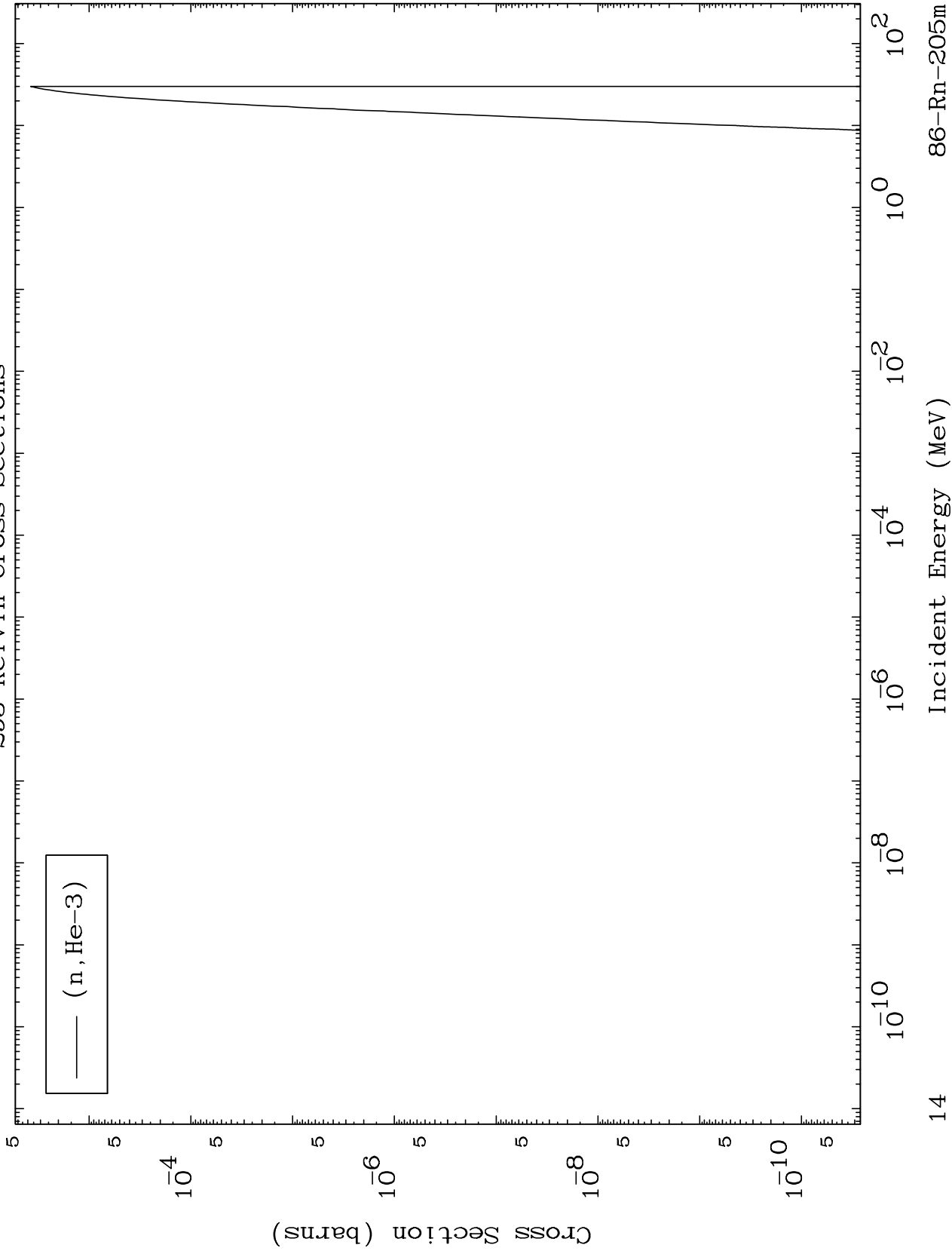
Incident Energy (MeV)

86-Rn-205m

MAT 8608

(n,He3) Levels  
293 Kelvin Cross Sections

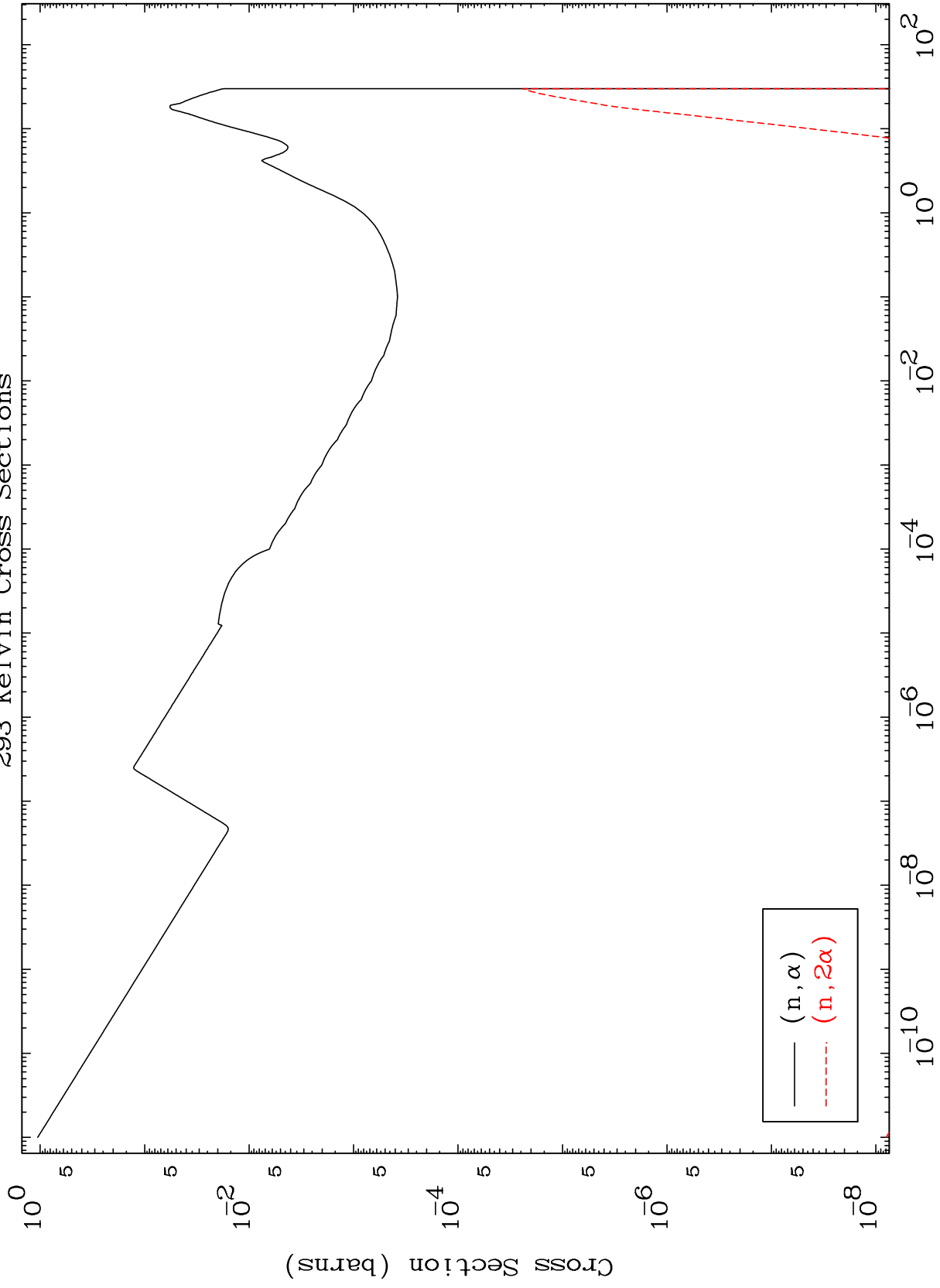
86-Rn-205m



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

86-Rn-205m

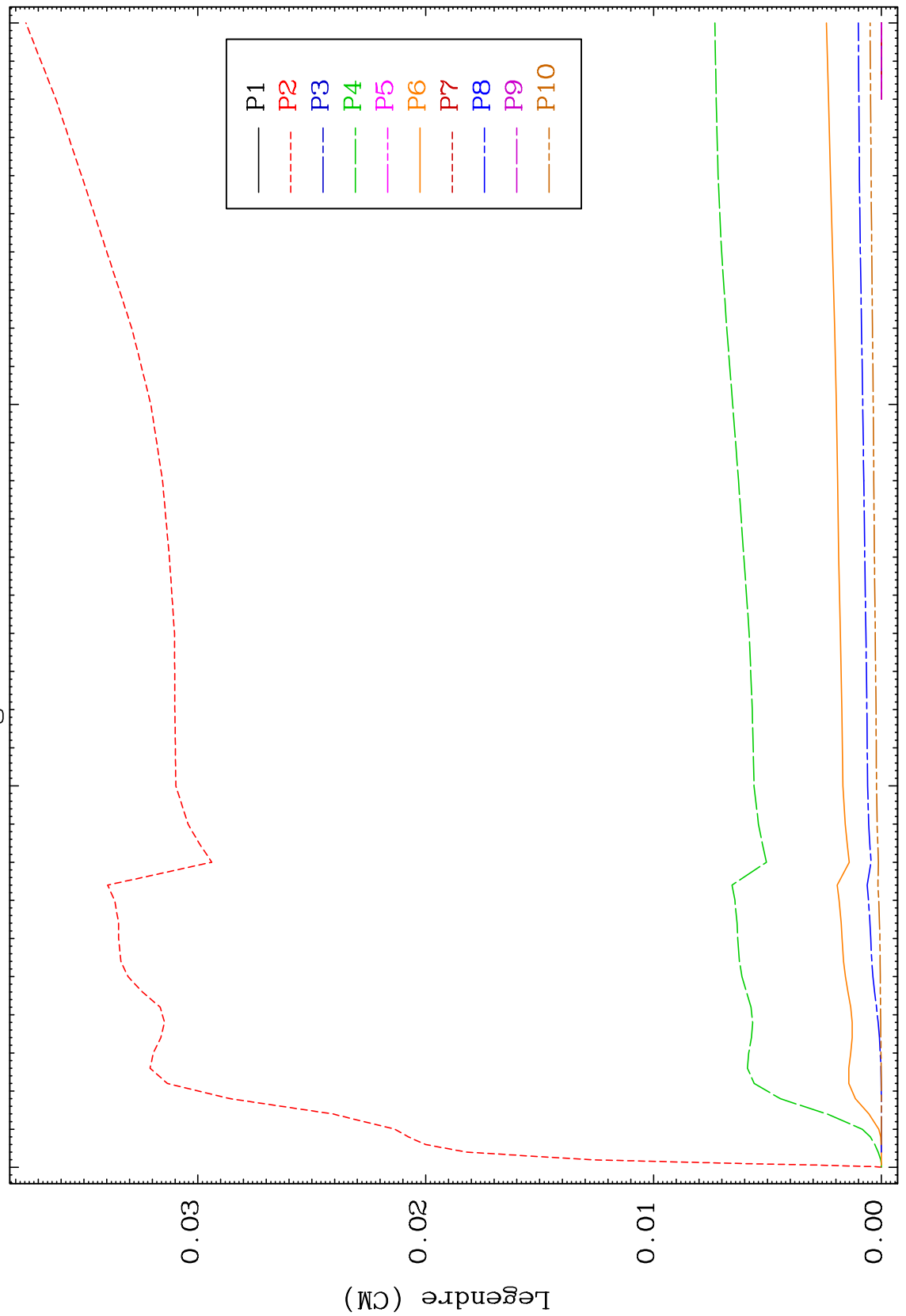




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Elastic Legendre Coefficients

86-Rn-205m



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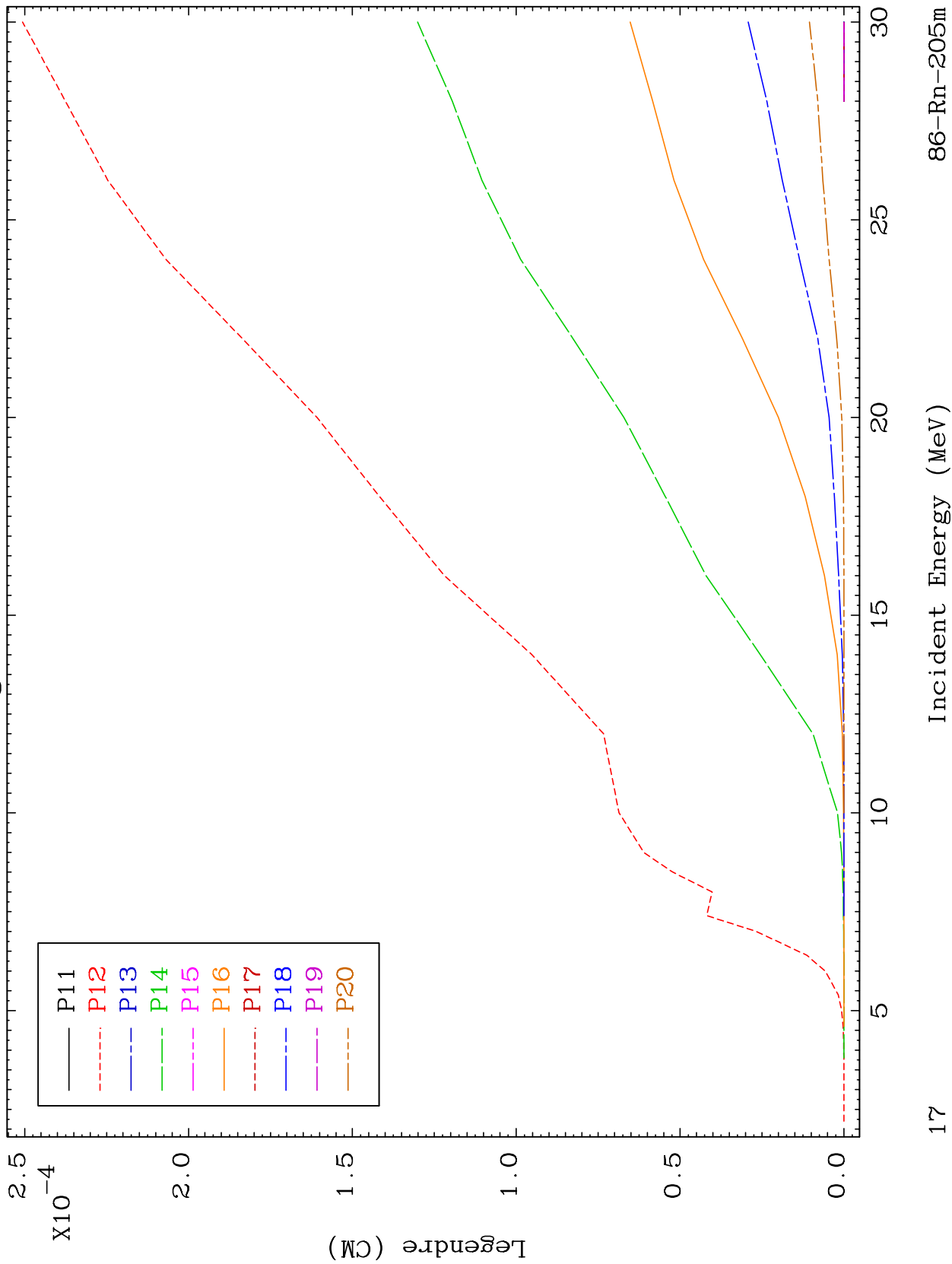
Incident Energy (MeV)

86-Rn-205m

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Elastic  
Legendre Coefficients

86-Rn-205m



17

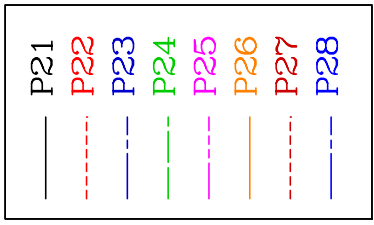
86-Rn-205m

Incident Energy (MeV)

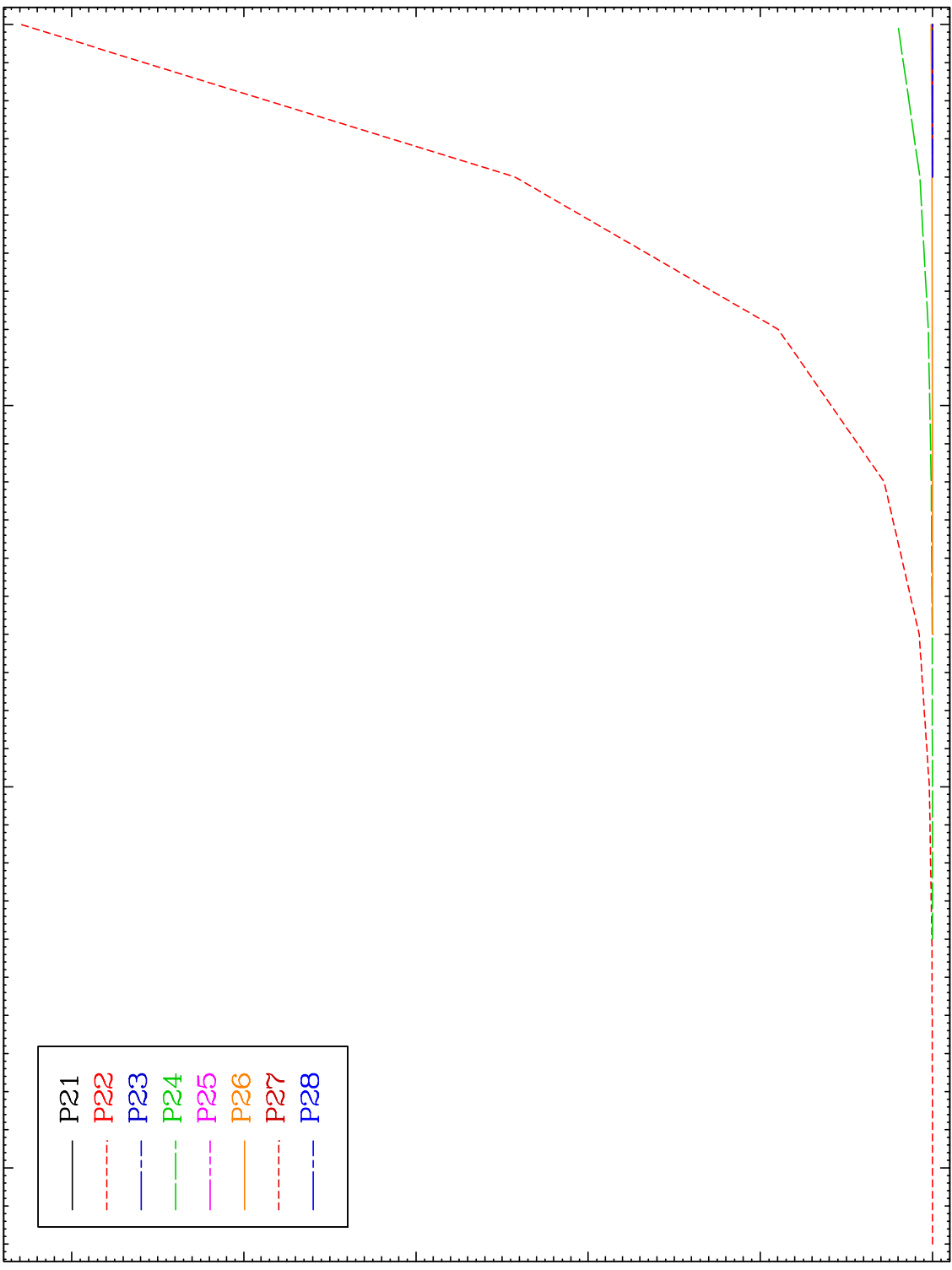
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Elastic Legendre Coefficients

86-Rn-205m



$\times 10^{-6}$   
Legendre (CM)  
0.5  
2.0  
1.5  
1.0  
0.5  
0.0



30

15

18

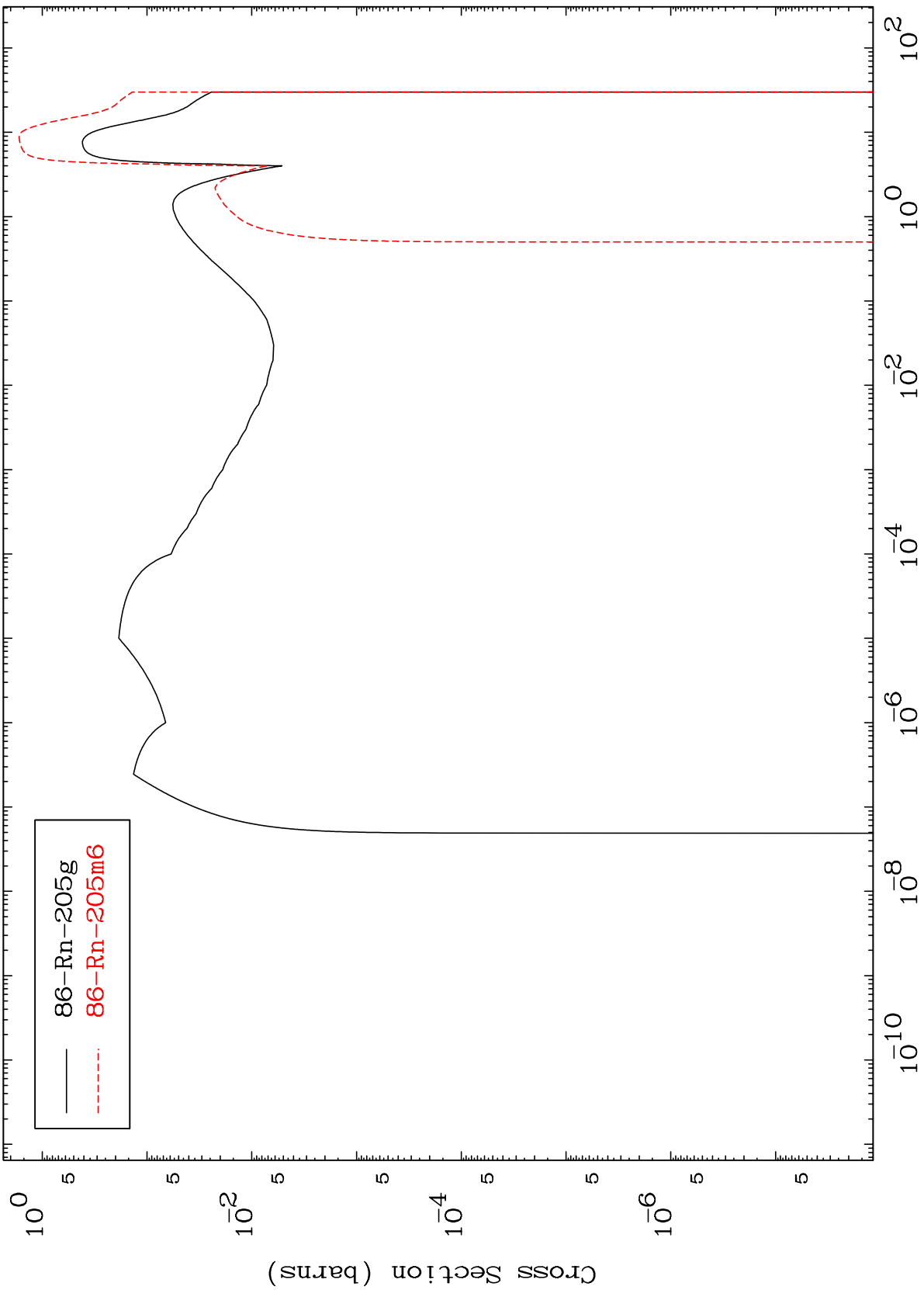
Incident Energy (MeV)

86-Rn-205m

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86-Rn-205m

Inelastic  
Radionuclide Production Cross Section

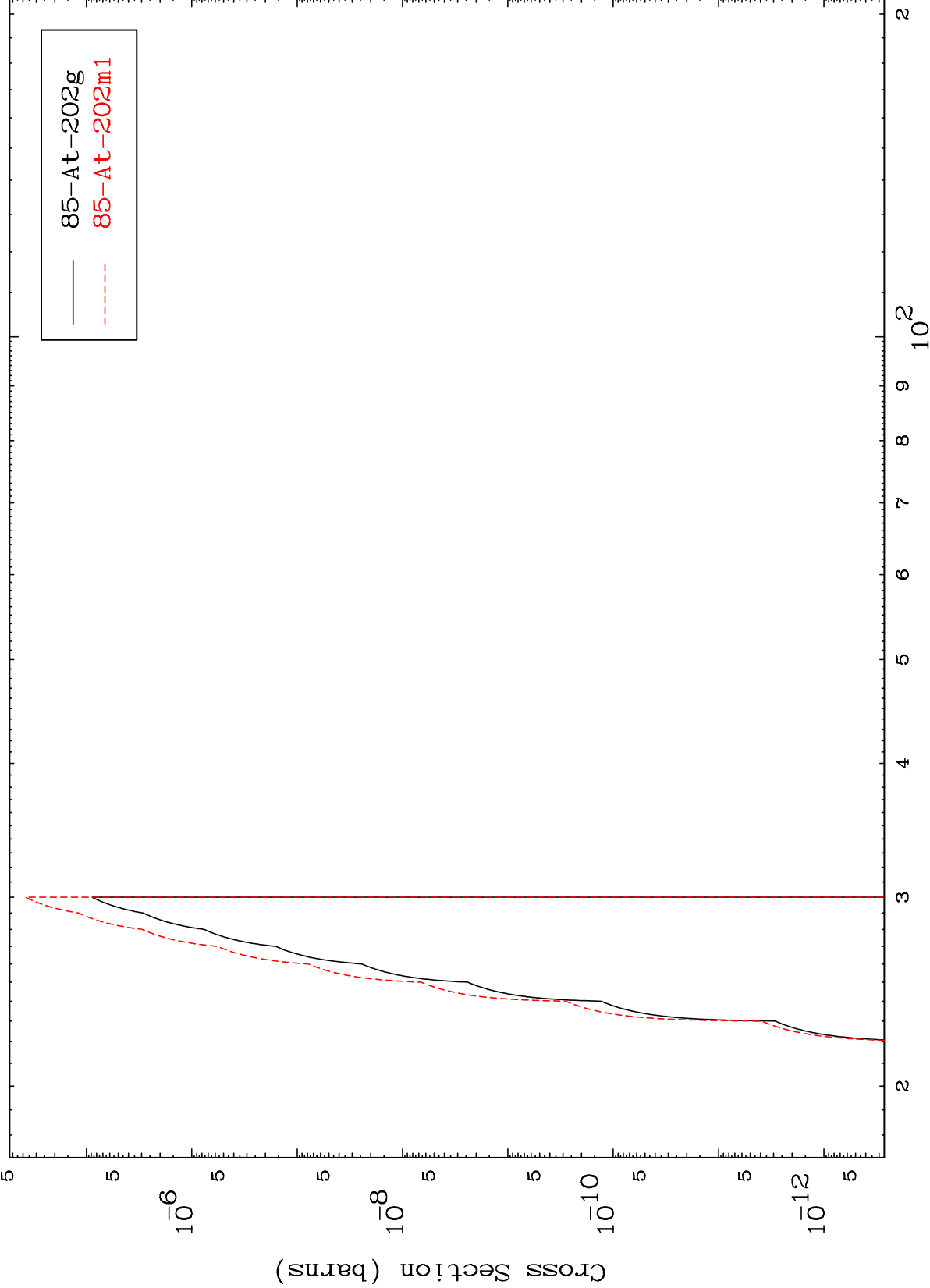


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(n,2n) d

86-Rn-205m

Radionuclide Production Cross Section



20

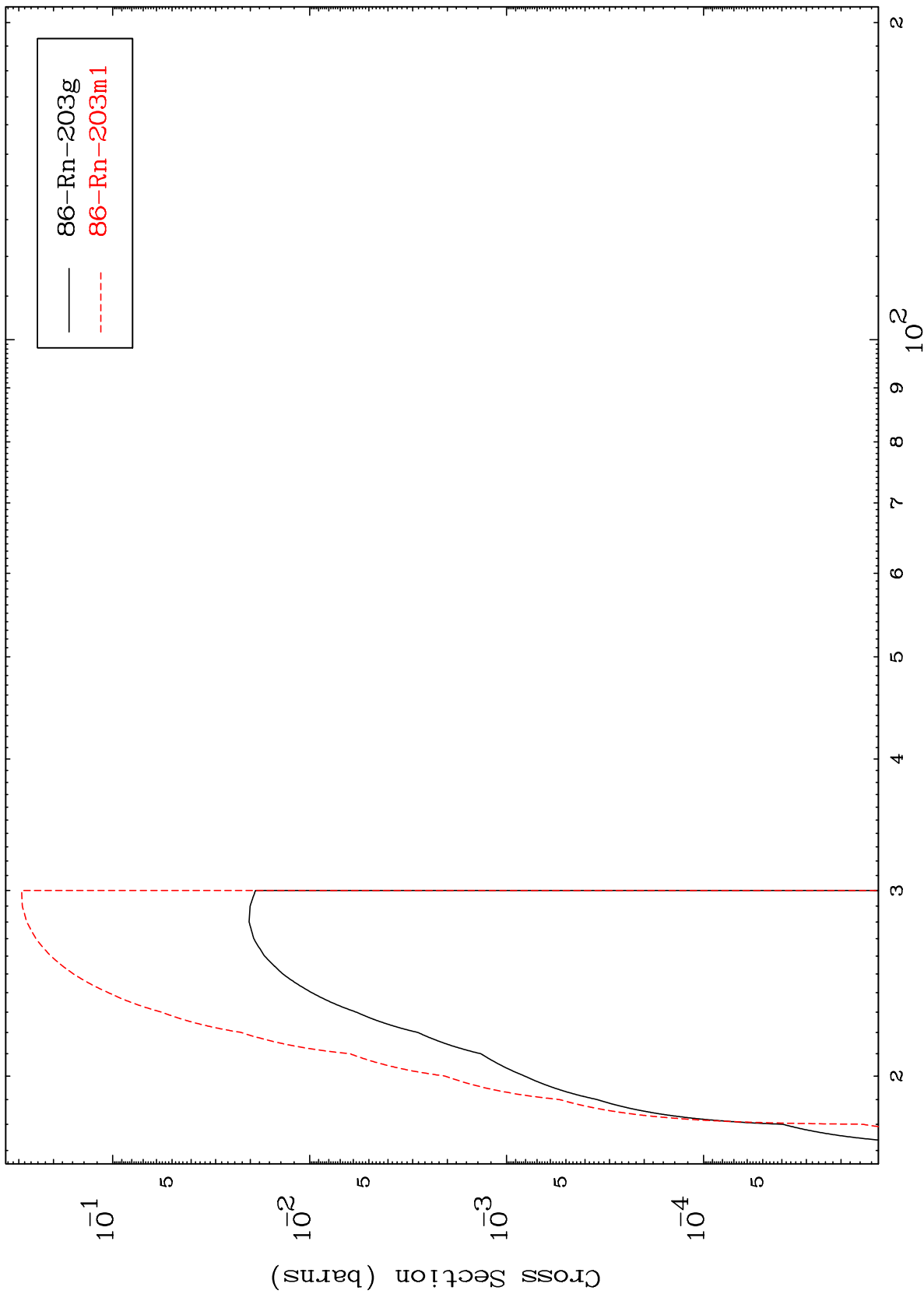
Incident Energy (MeV)

86-Rn-205m

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86-Rn-205m

(n,3n)  
Radionuclide Production Cross Section



21

Incident Energy (MeV)

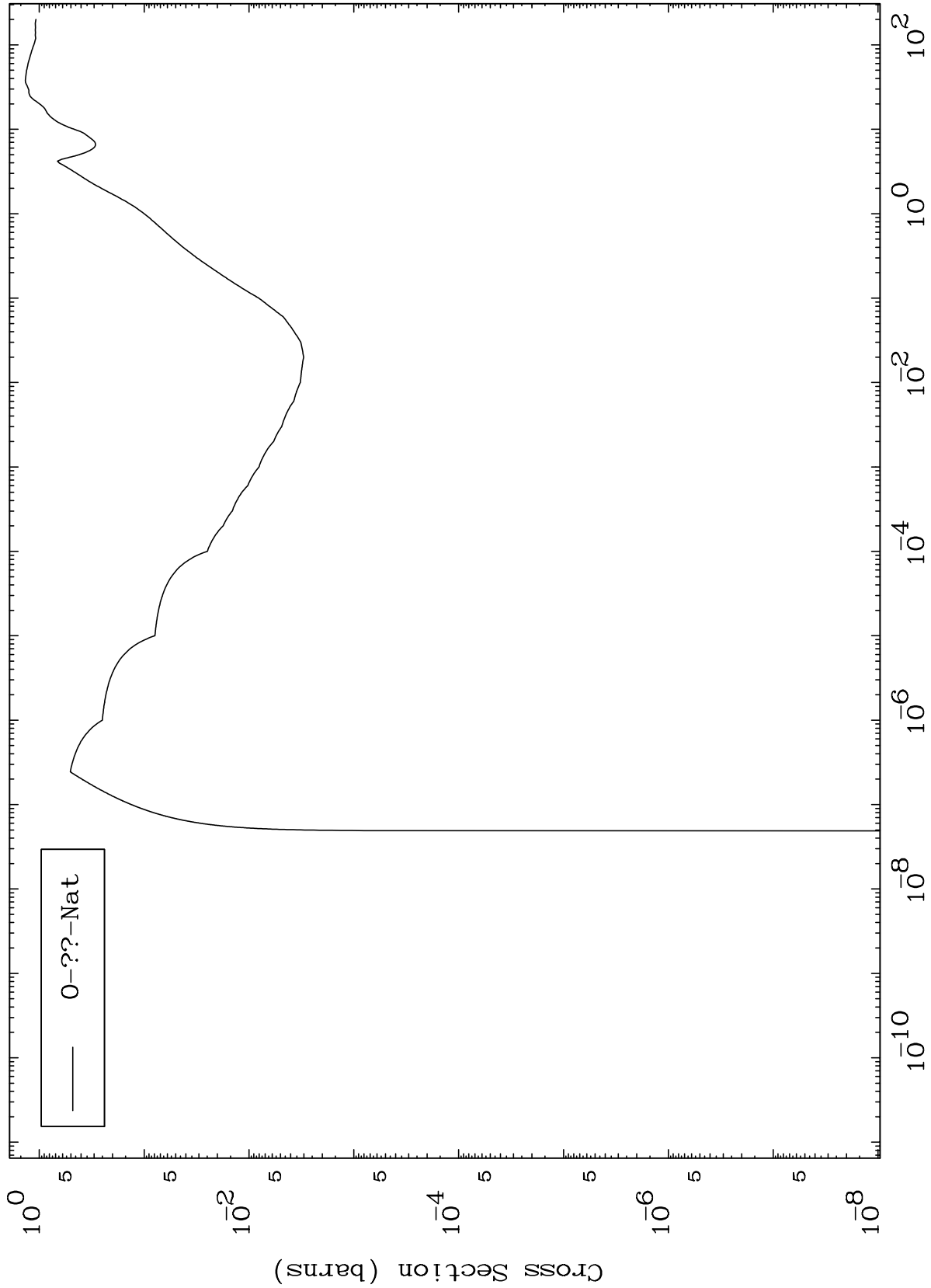
86-Rn-205m

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Fission

86-Rn-205m

Radionuclide Production Cross Section

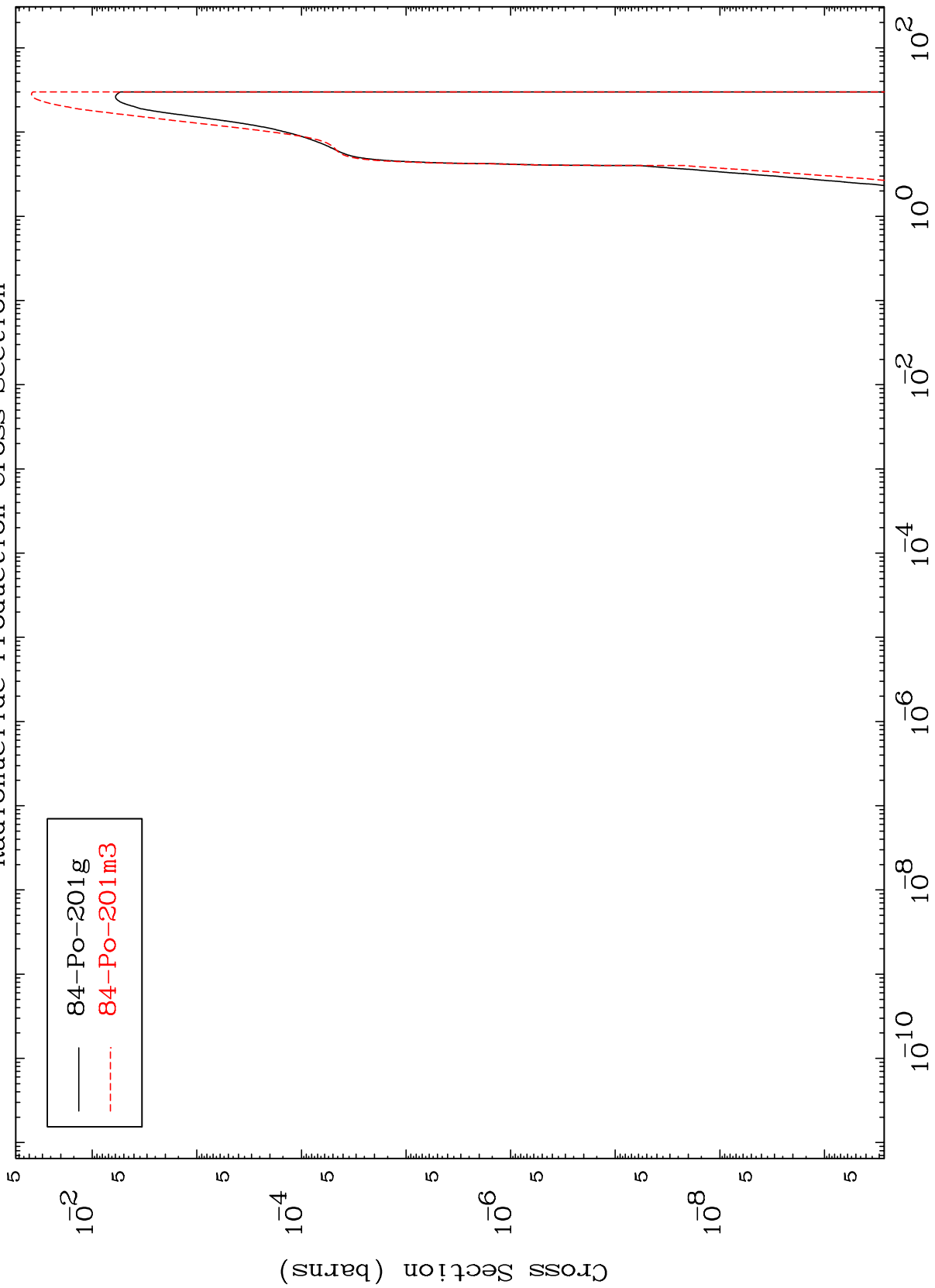


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$(n, n') \alpha$

86-Rn-205m

Radionuclide Production Cross Section



84-Po-201g  
84-Po-201m3

Incident Energy (MeV)

86-Rn-205m

23

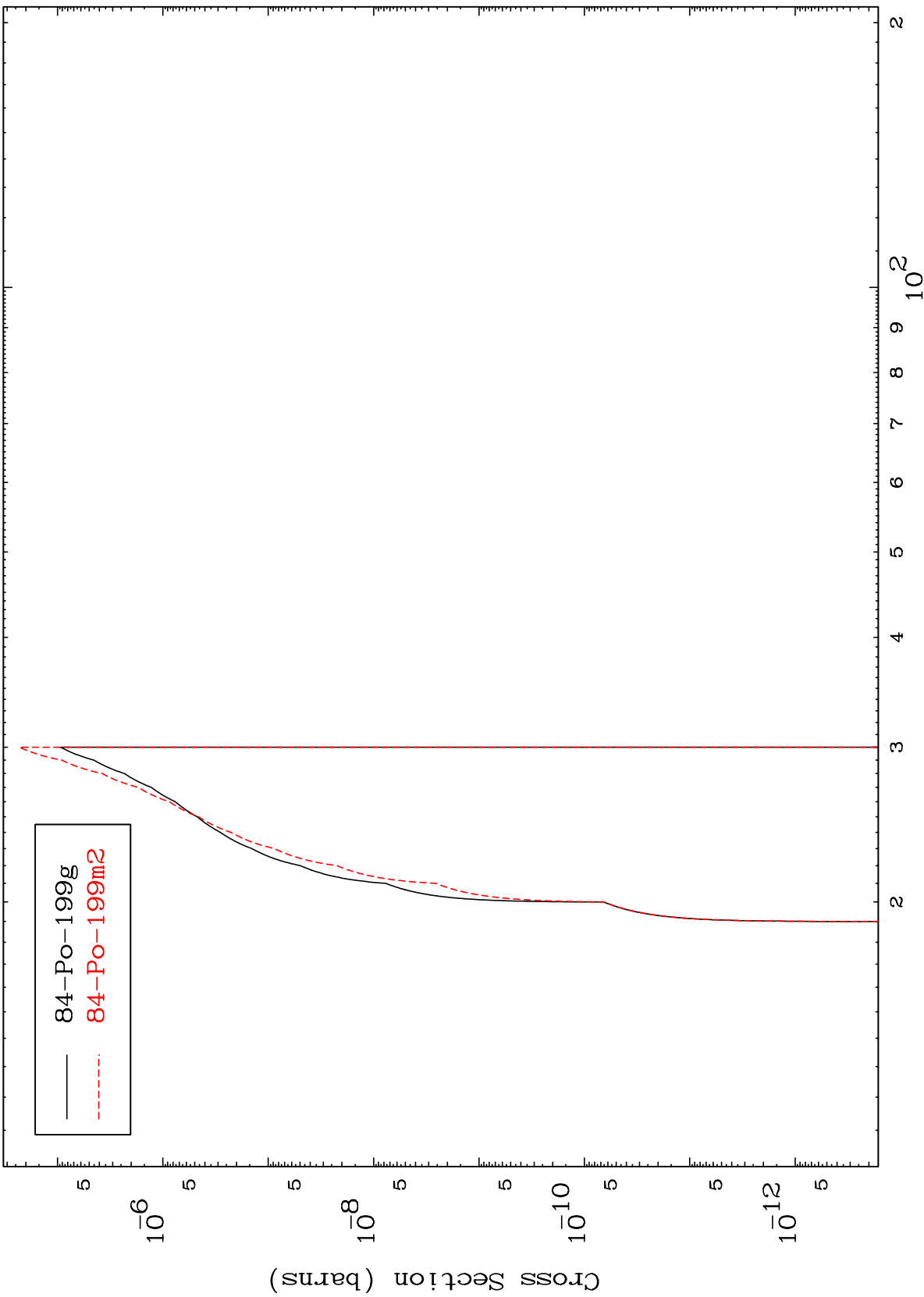


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(n,3n)  $\alpha$

86-Rn-205m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

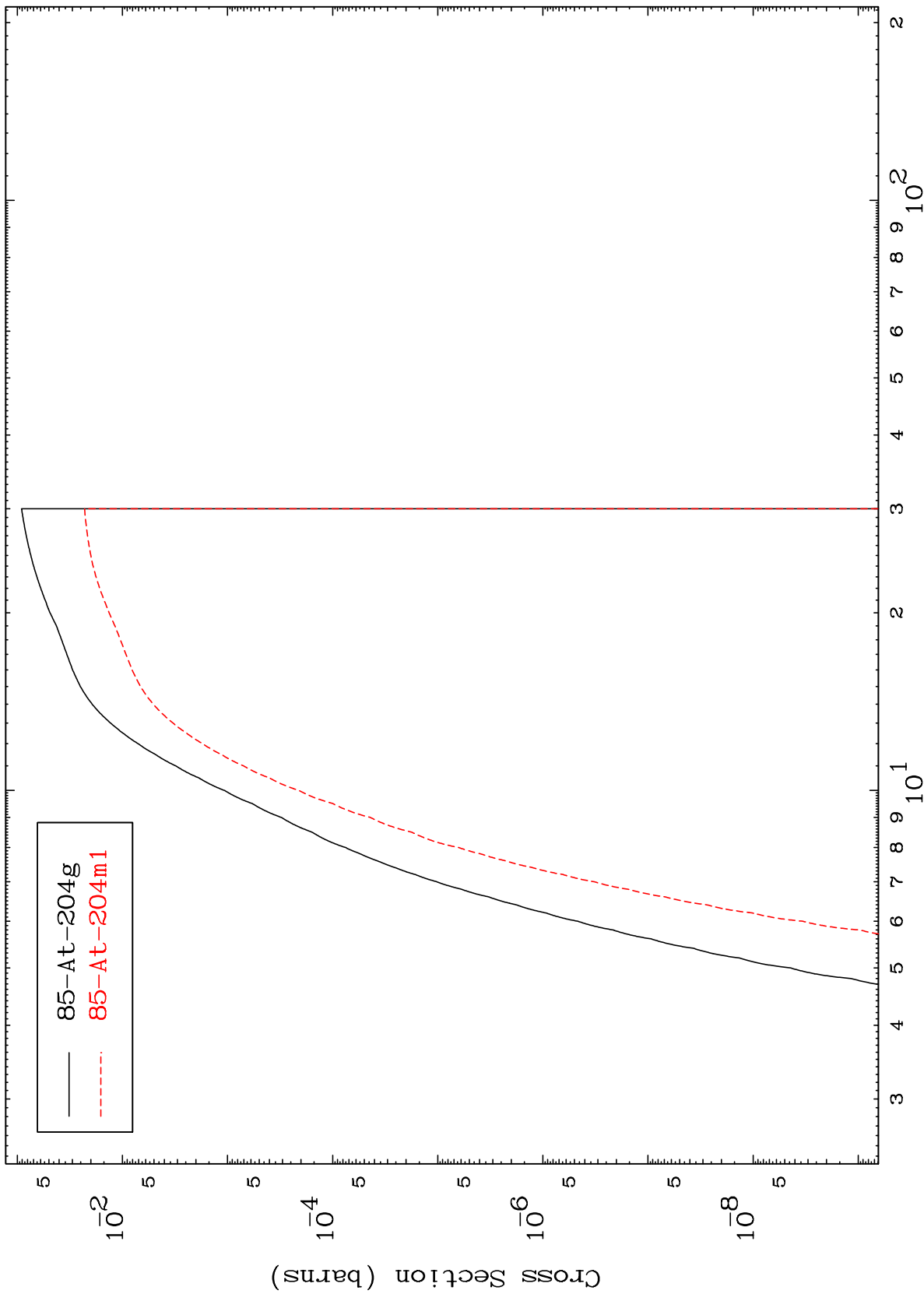
86-Rn-205m

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(n,n') p

86-Rn-205m

Radionuclide Production Cross Section



Incident Energy (MeV)

86-Rn-205m

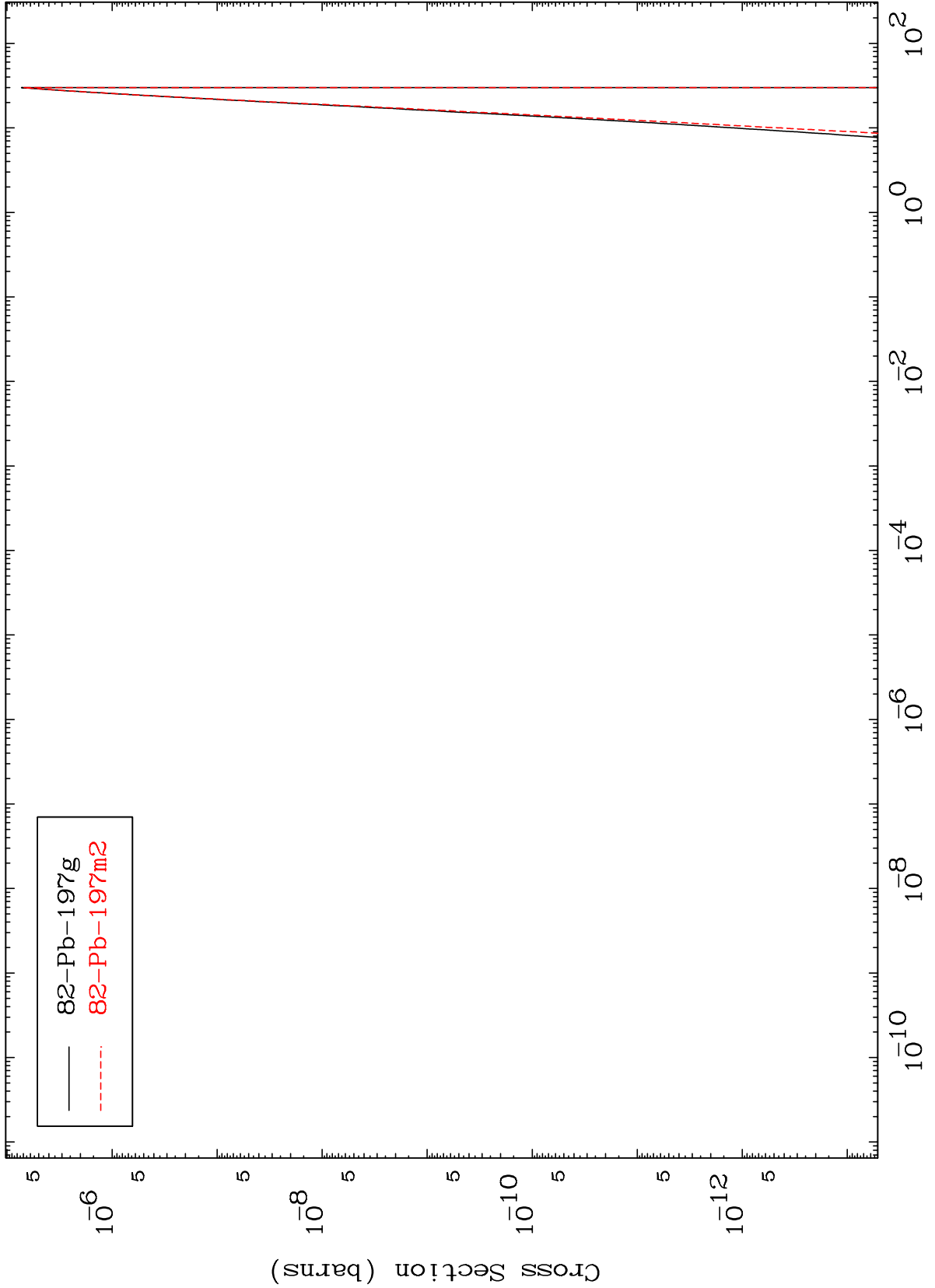
25

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(n,n') 2α

86-Rn-205m

Radionuclide Production Cross Section

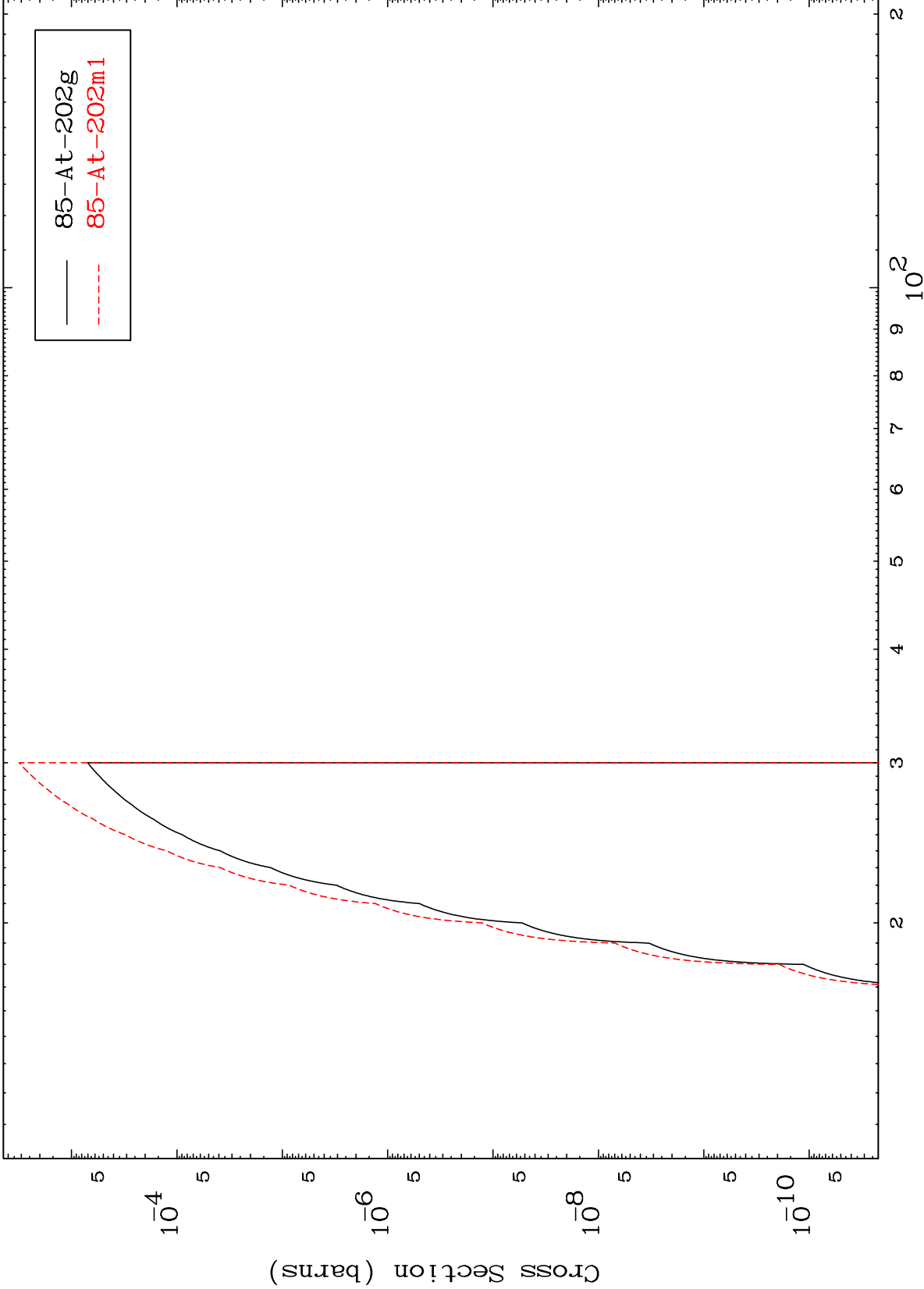


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(n,n') t

86-Rn-205m

Radionuclide Production Cross Section

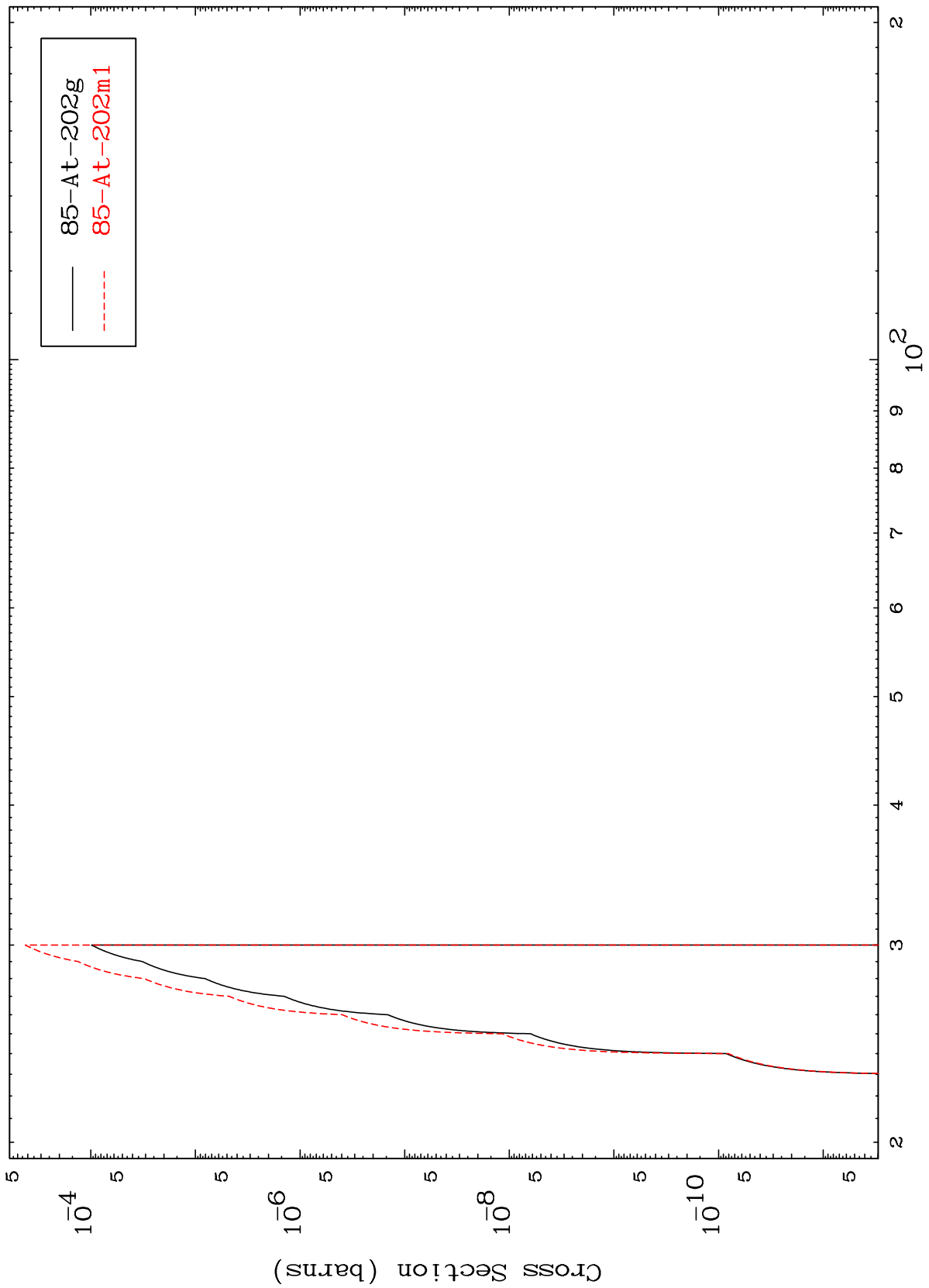


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(n,3n) p

86-Rn-205m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

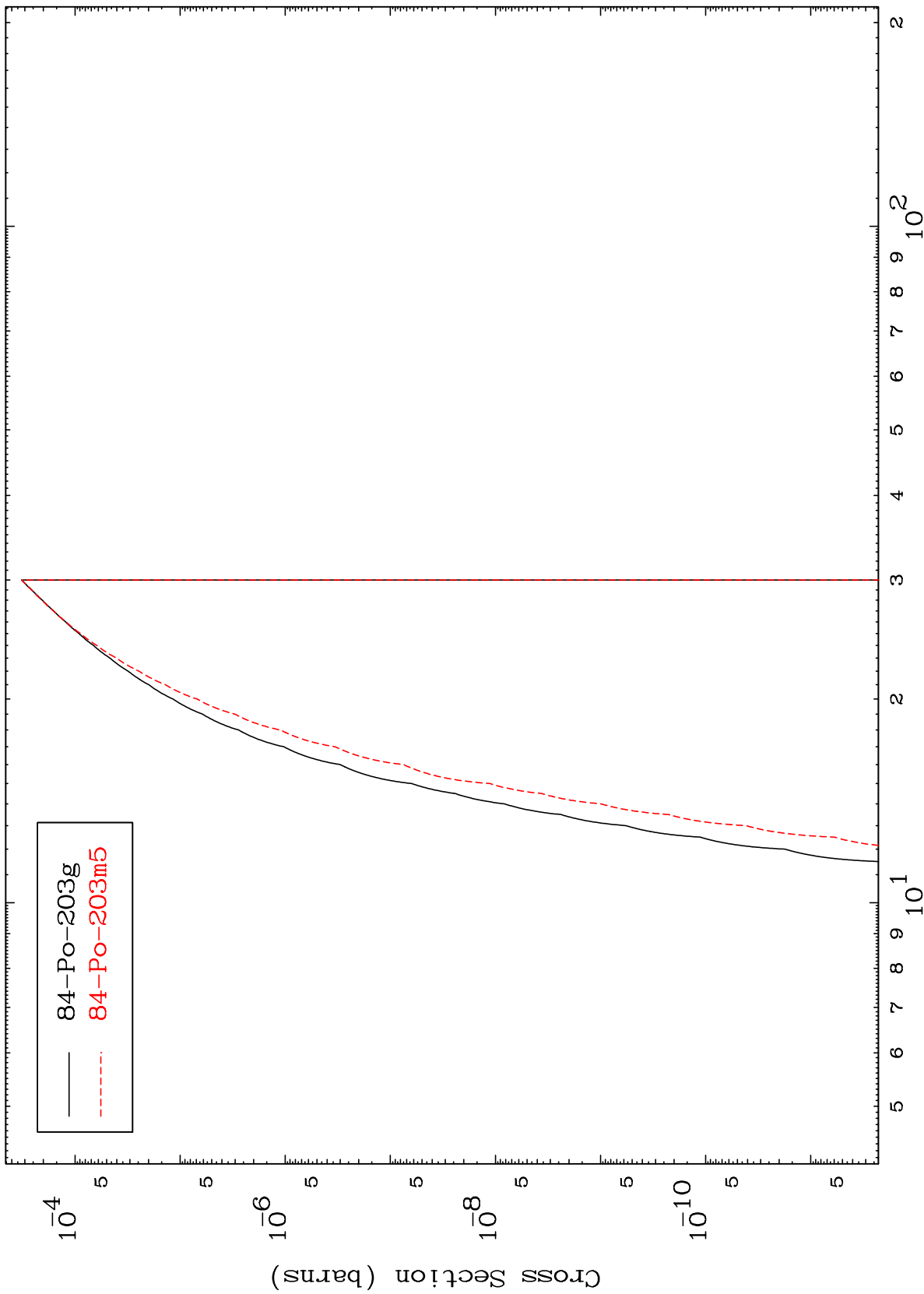
86-Rn-205m

MAT 8608

(n,2n) p

86-Rn-205m

Radionuclide Production Cross Section



Incident Energy (MeV)

86-Rn-205m

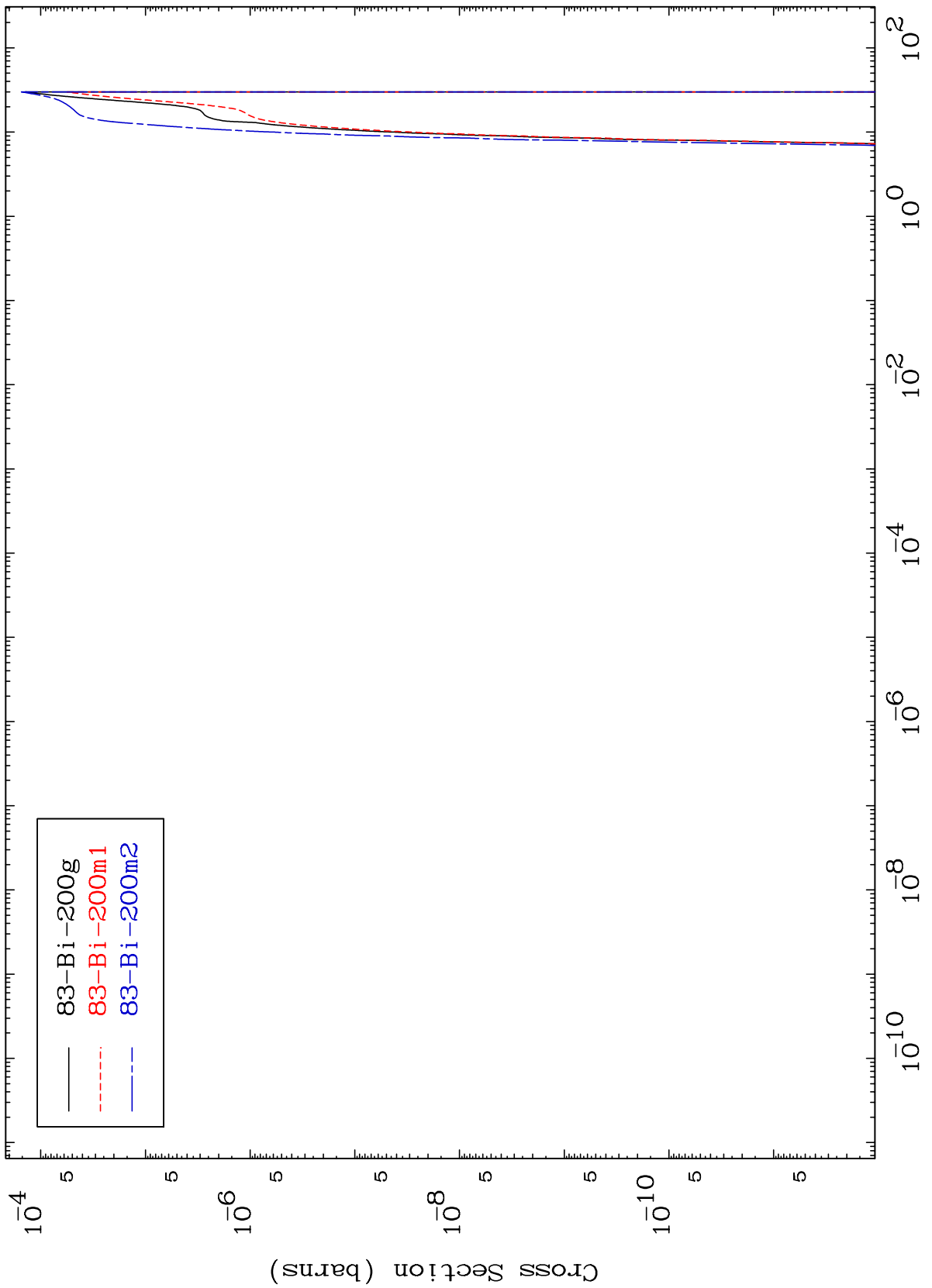
29

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(n,n') p  $\alpha$

86-Rn-205m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

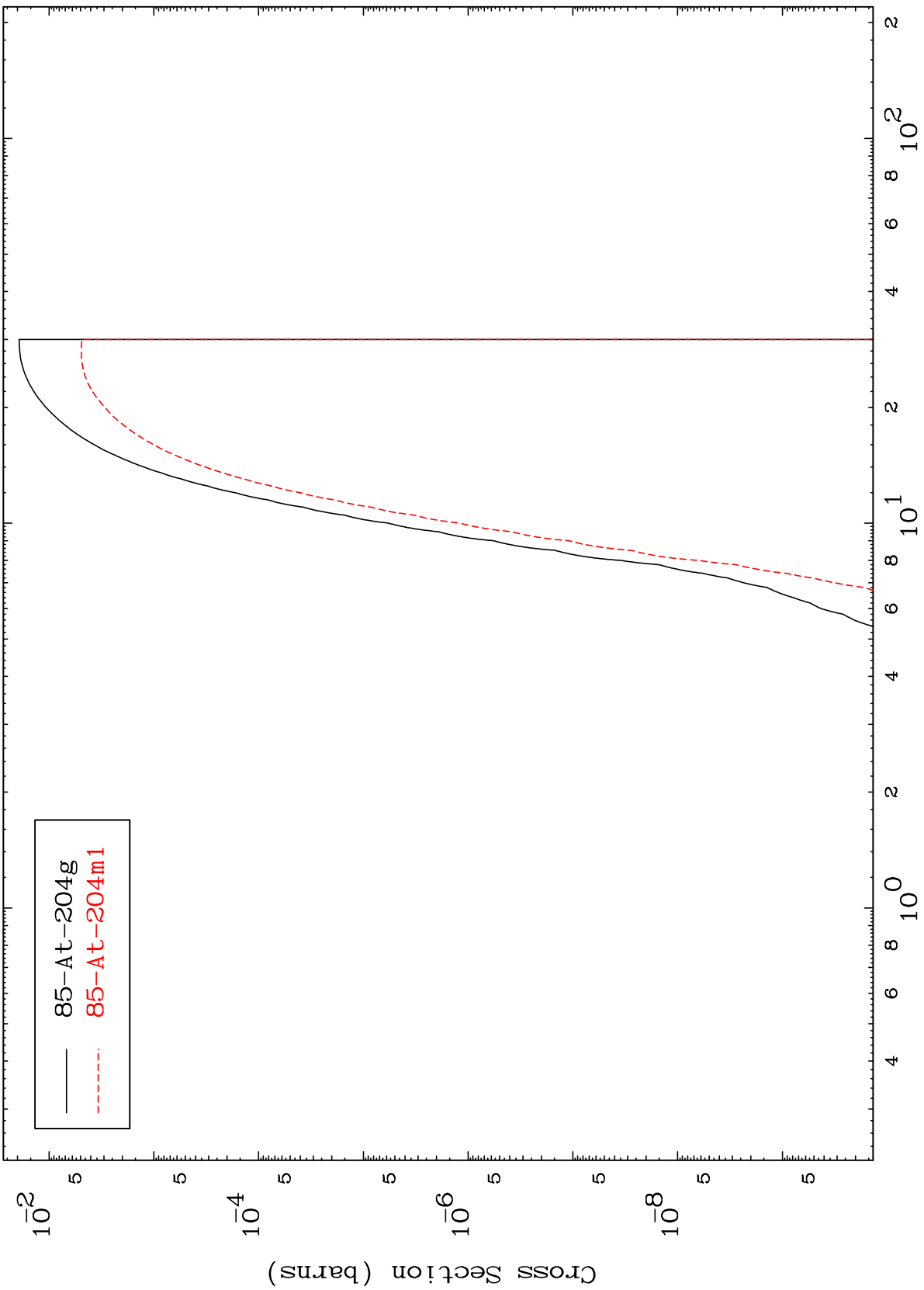
86-Rn-205m

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(n, d)

86-Rn-205m

Radionuclide Production Cross Section



Incident Energy (MeV)

86-Rn-205m

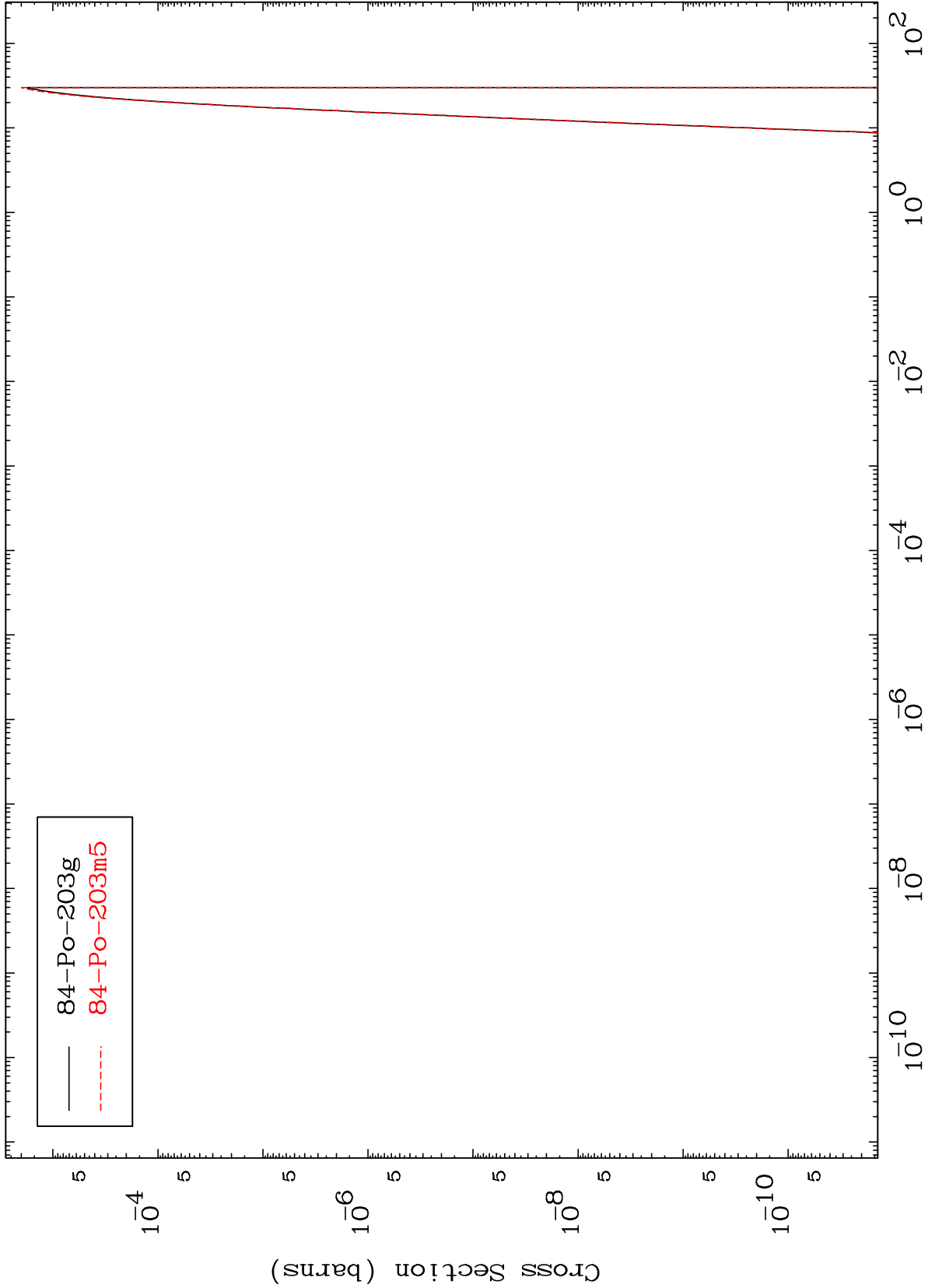


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(n,He-3)

86-Rn-205m

Radionuclide Production Cross Section

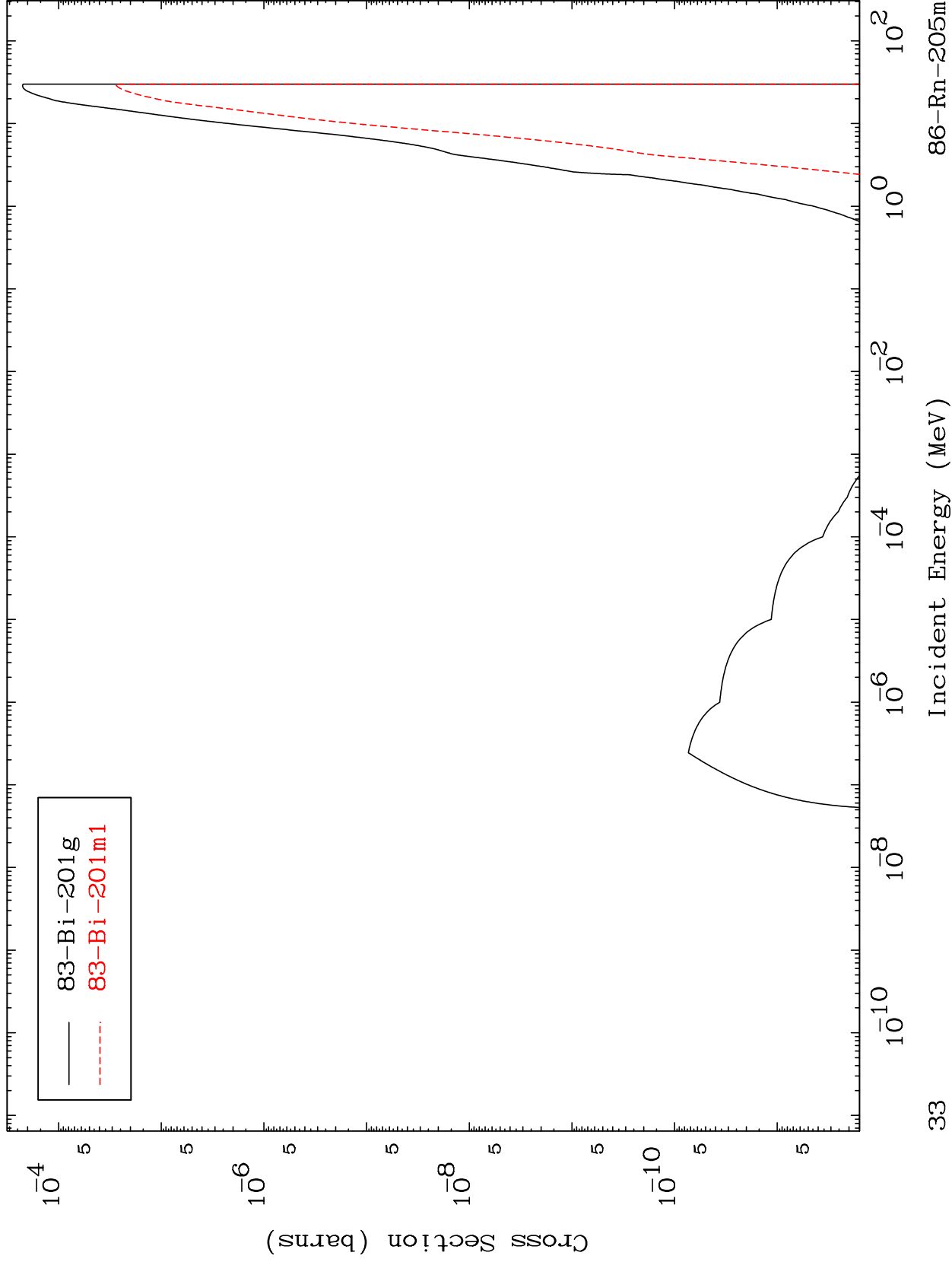


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(n,p)  $\alpha$

86-Rn-205m

Radionuclide Production Cross Section

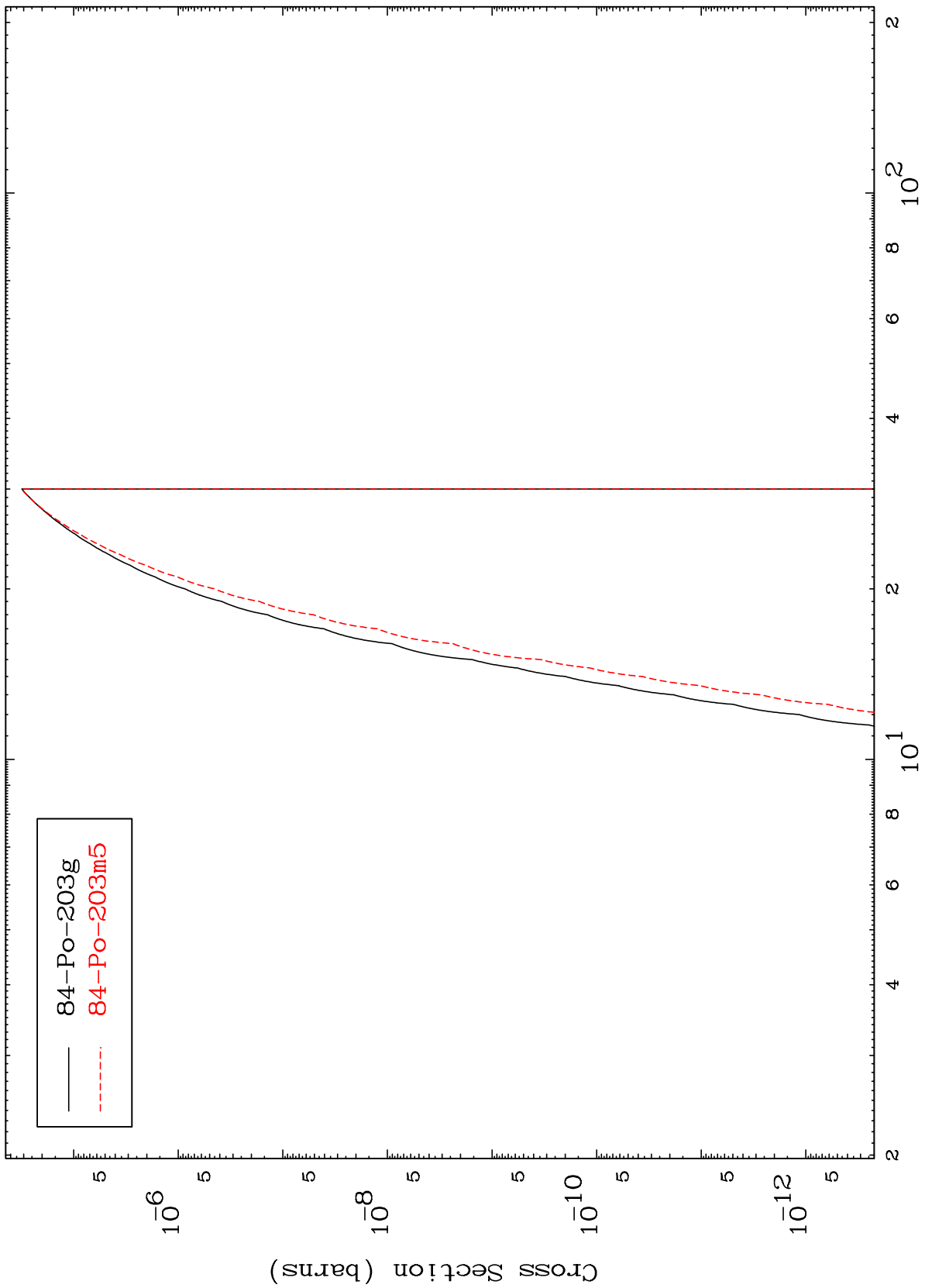


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(n,p) d

86-Rn-205m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

86-Rn-205m

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(n,d)  $\alpha$

86-Rn-205m

Radionuclide Production Cross Section

