

Program EVALPLOT
(Version 2021-1)

by

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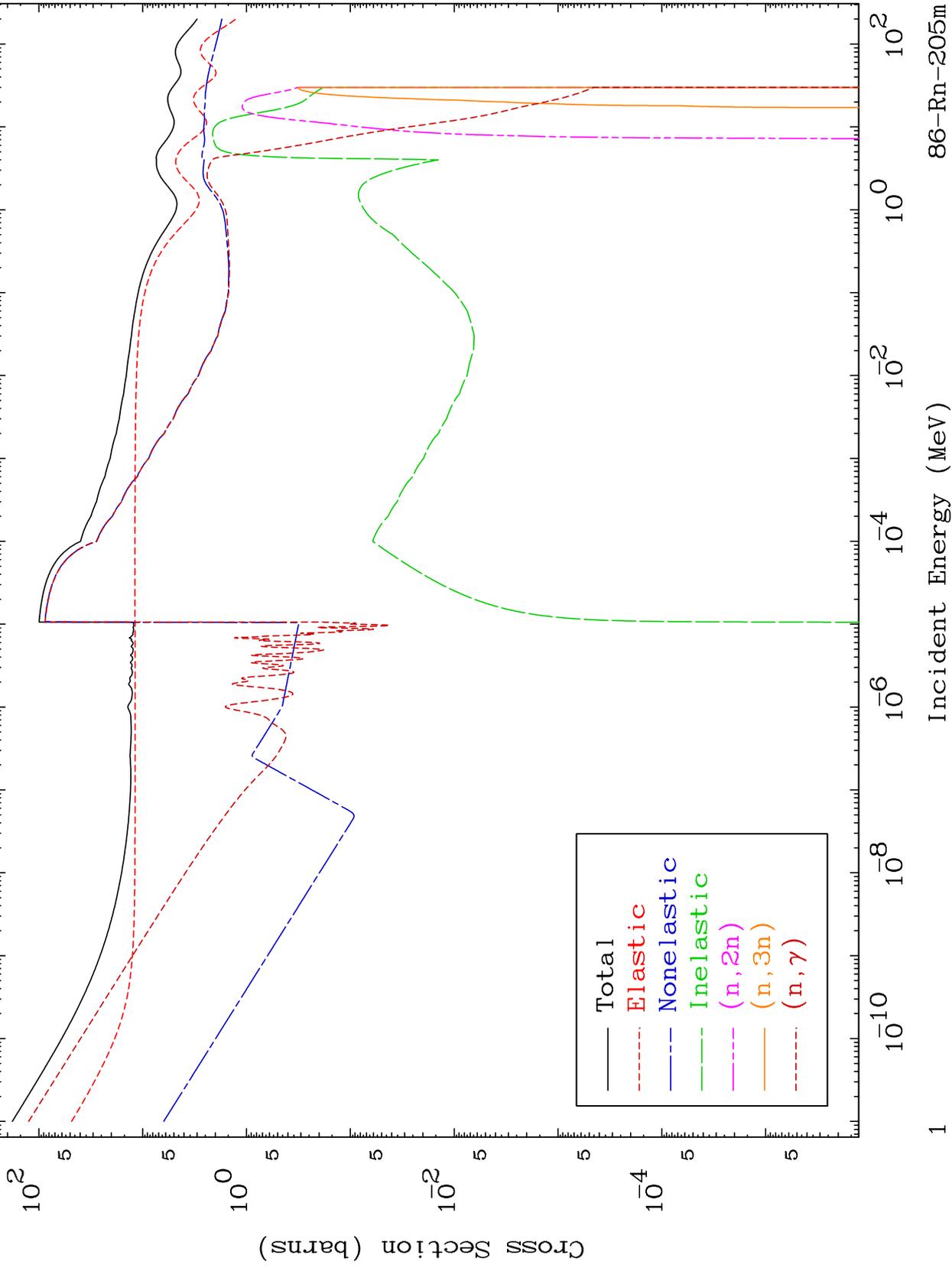
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Press Mouse Button to Start

MAT 8608

Neutron Major
293 Kelvin Cross Sections

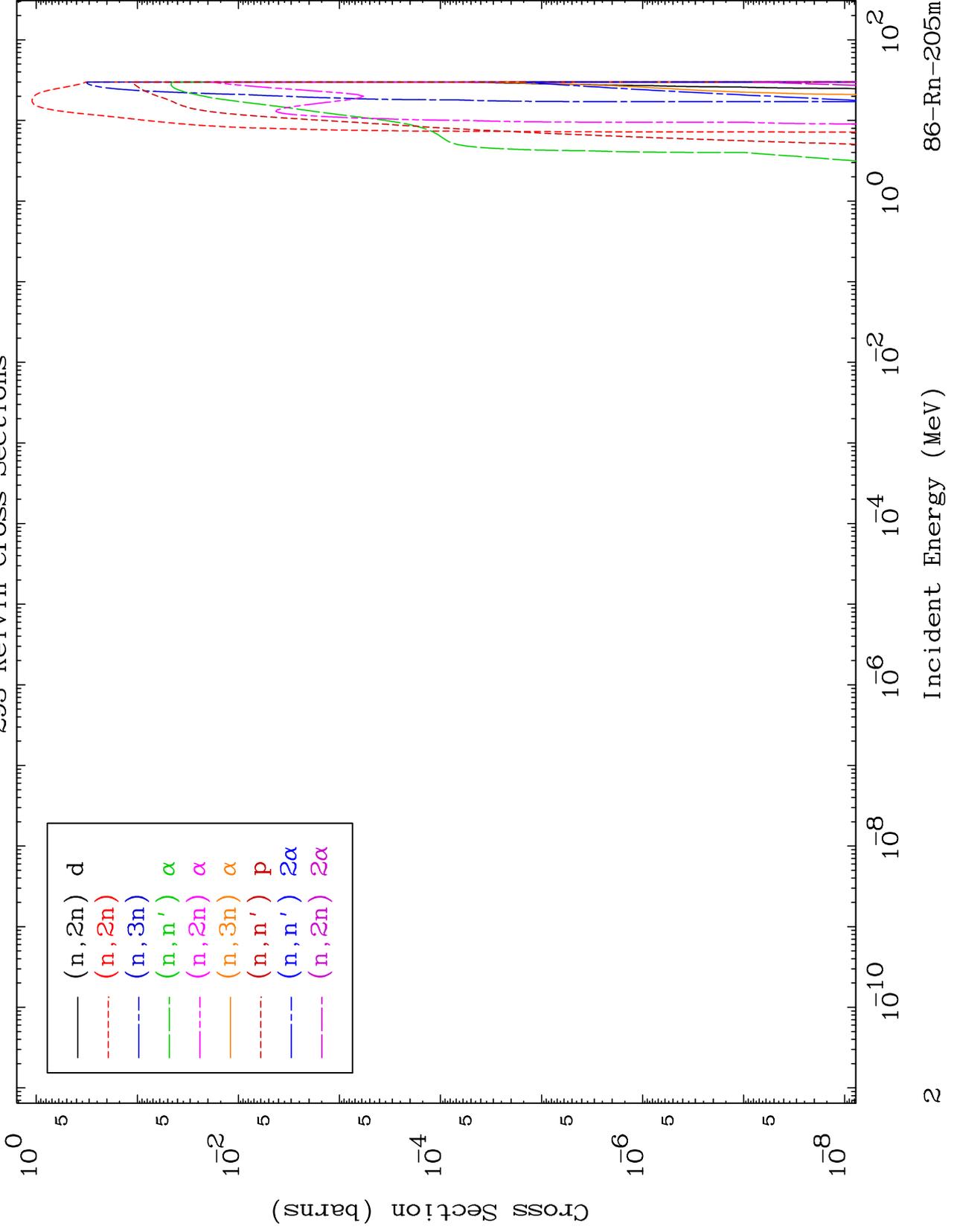
86-Rn-205m



MAT 8608

Neutron Absorption
293 Kelvin Cross Sections

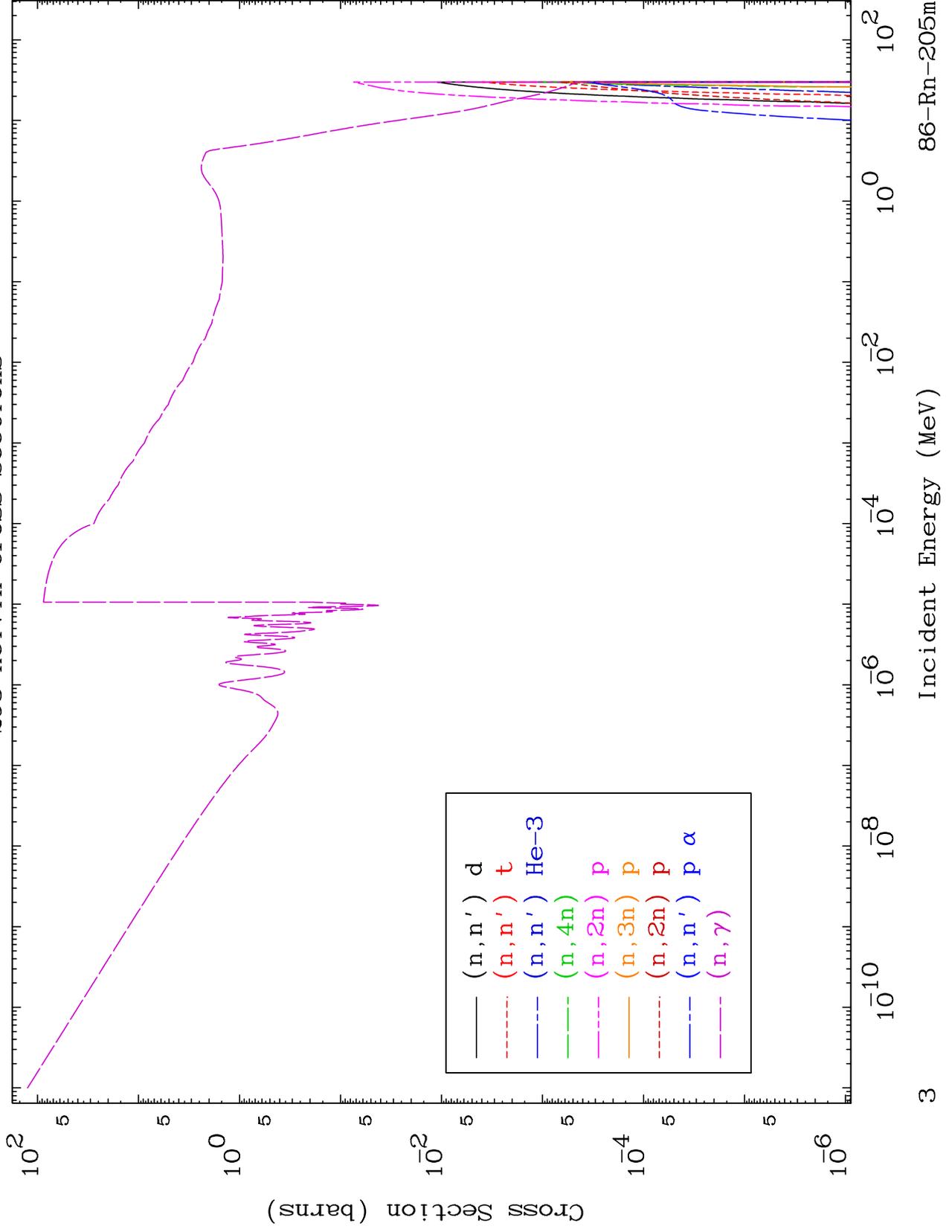
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Neutron Absorption
293 Kelvin Cross Sections

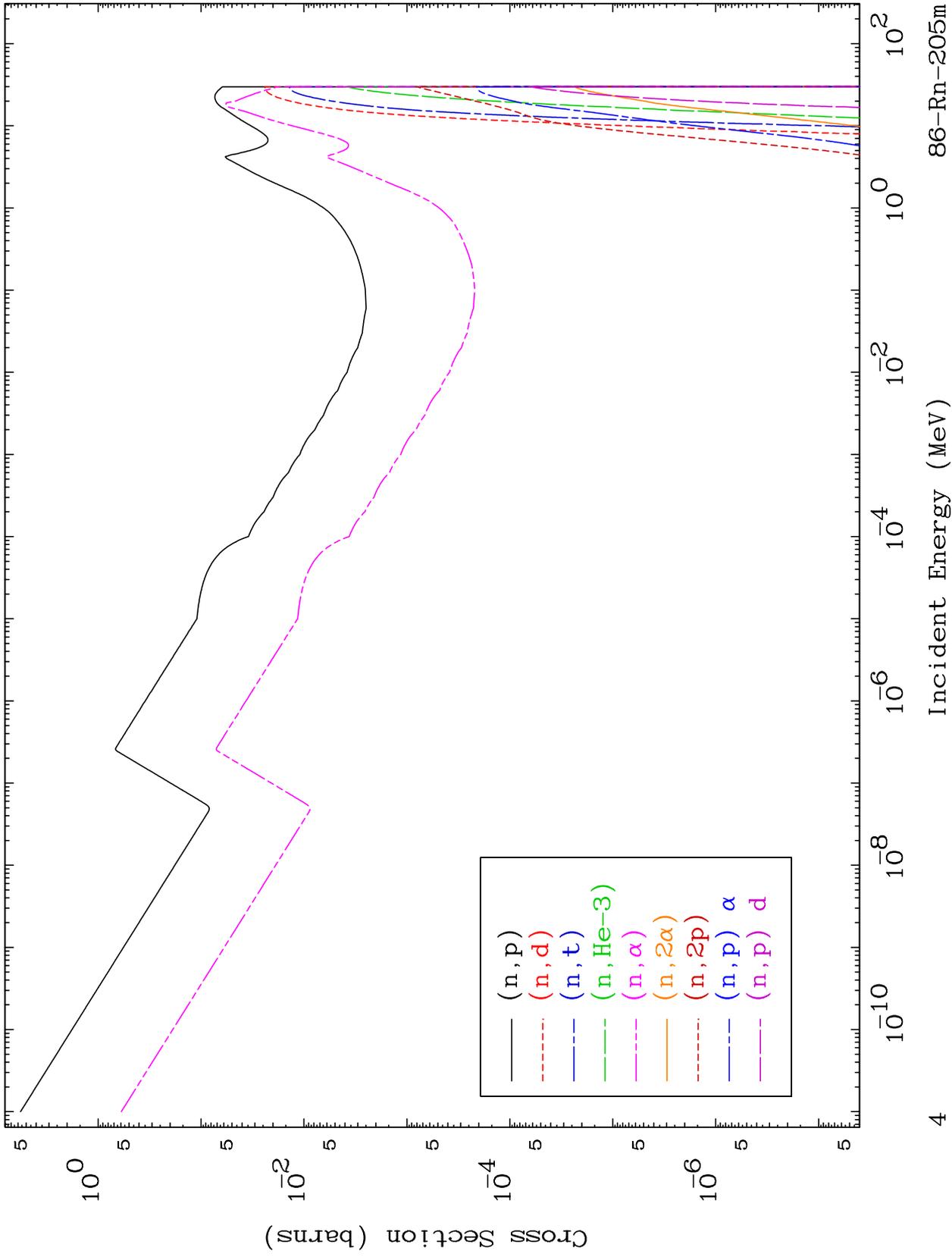
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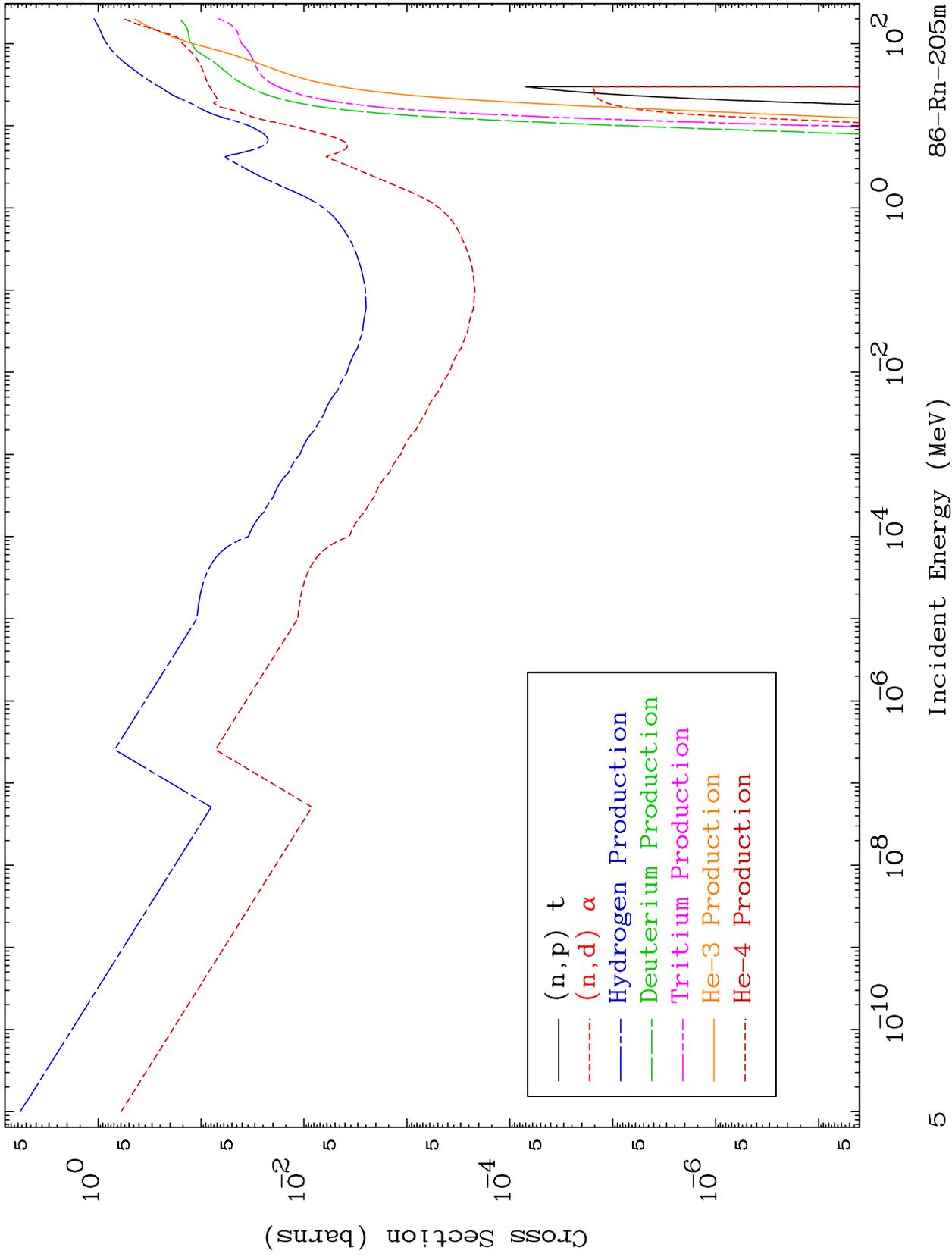


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Neutron Absorption
293 Kelvin Cross Sections

86-Rn-205m

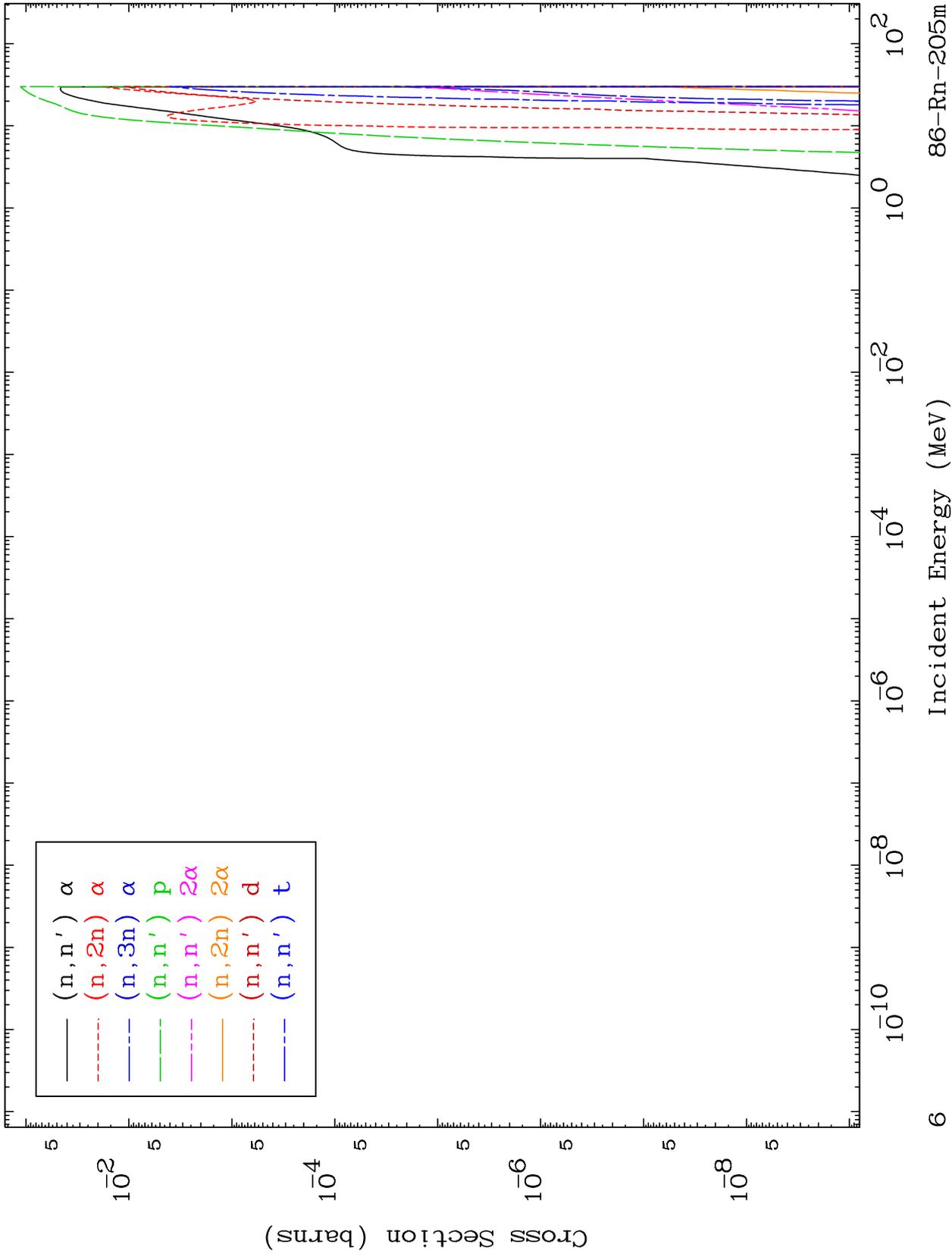




MAT 8608

Charged Particle
293 Kelvin Cross Sections

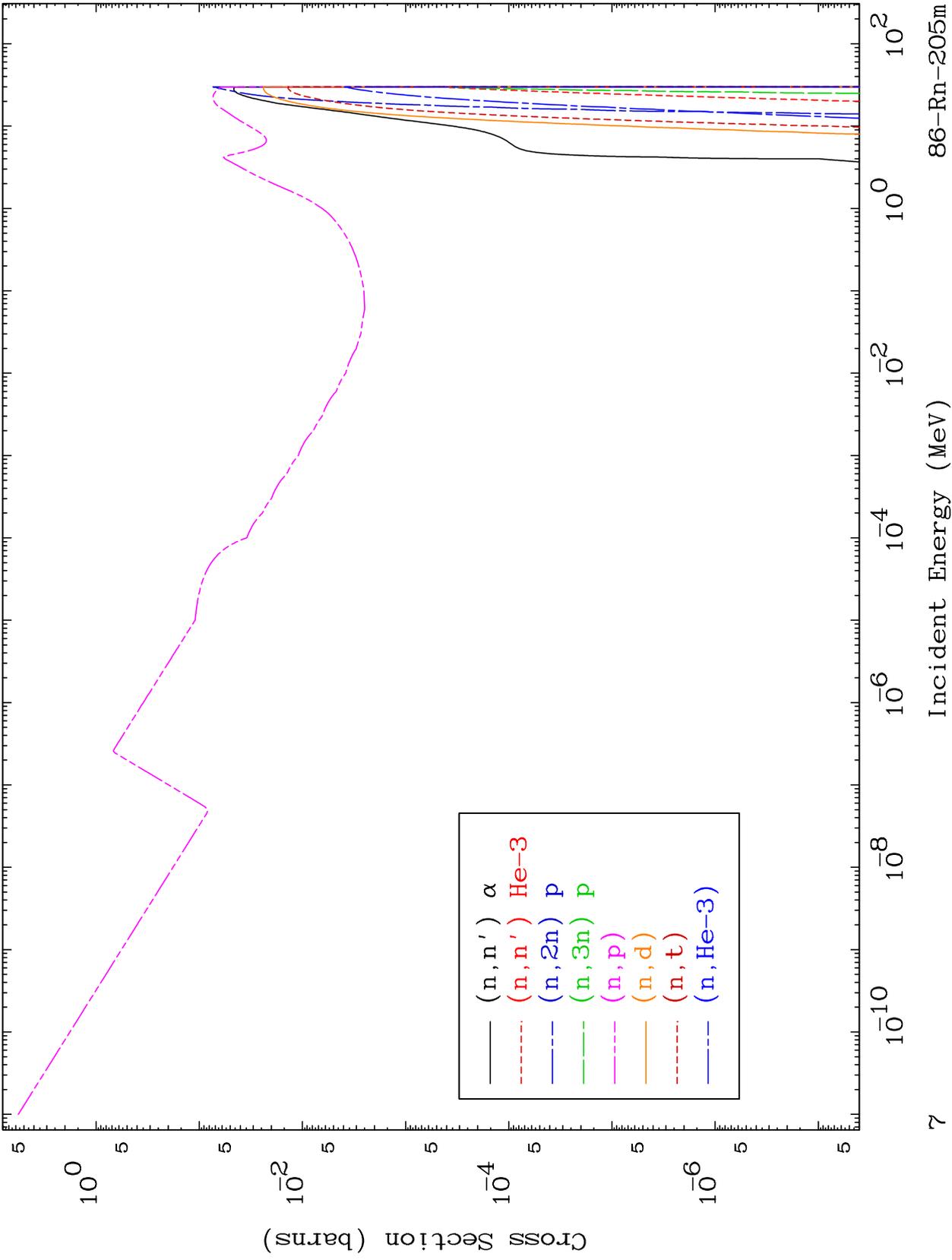
86-Rn-205m



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Charged Particle
293 Kelvin Cross Sections

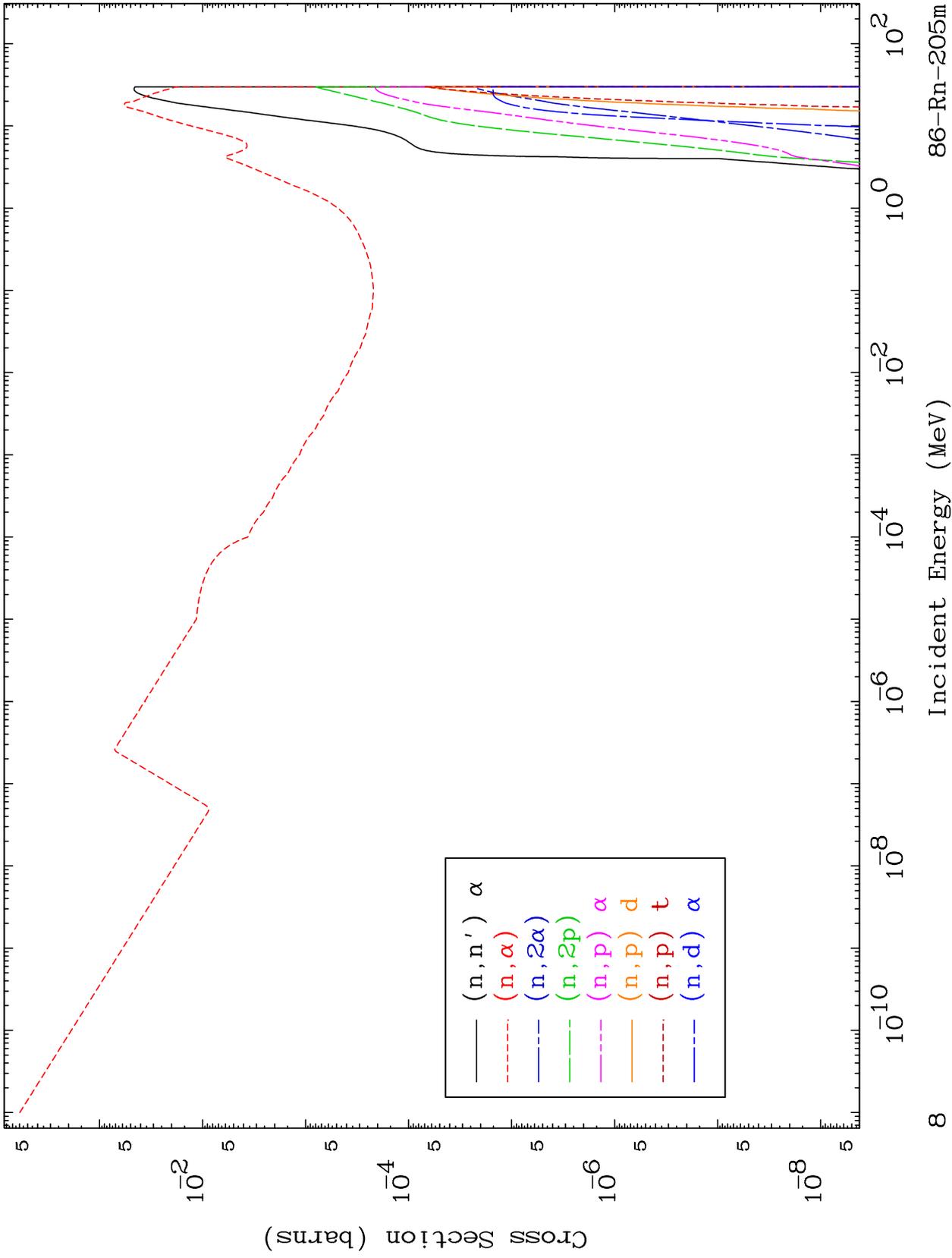
86-Rn-205m



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Charged Particle
293 Kelvin Cross Sections

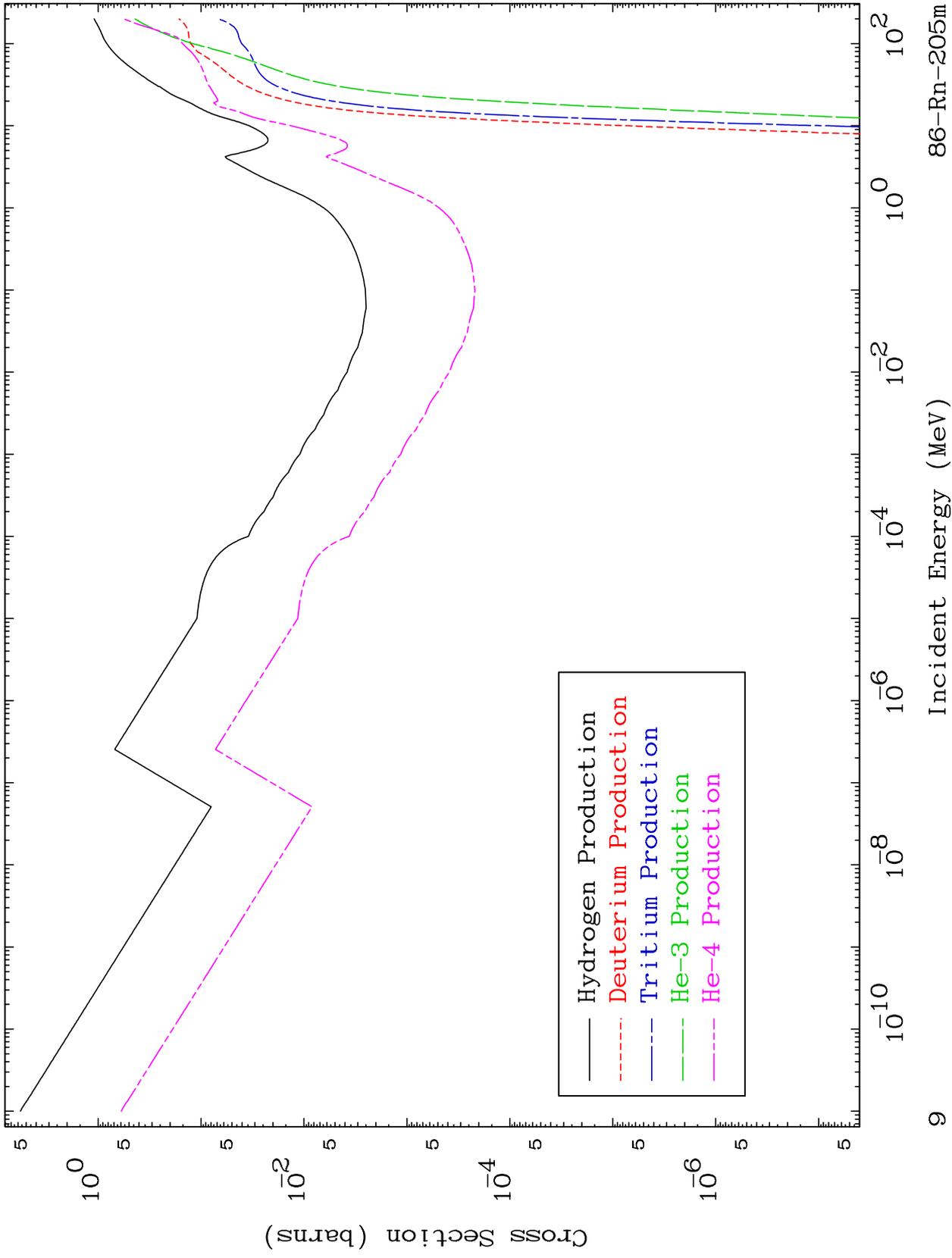
86-Rn-205m



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Particle Production
293 Kelvin Cross Sections

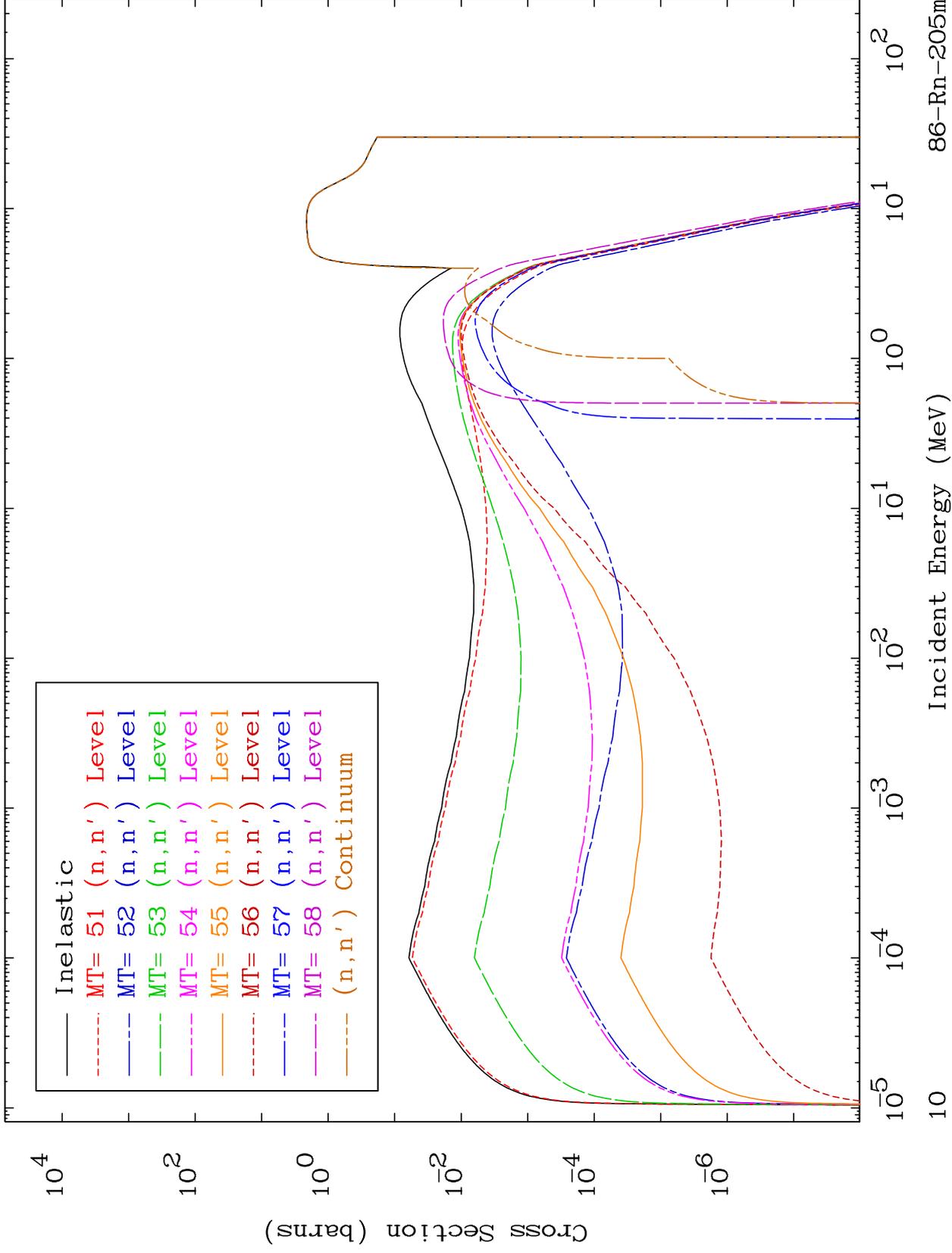
86-Rn-205m



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(n,n') Levels
293 Kelvin Cross Sections

86-Rn-205m



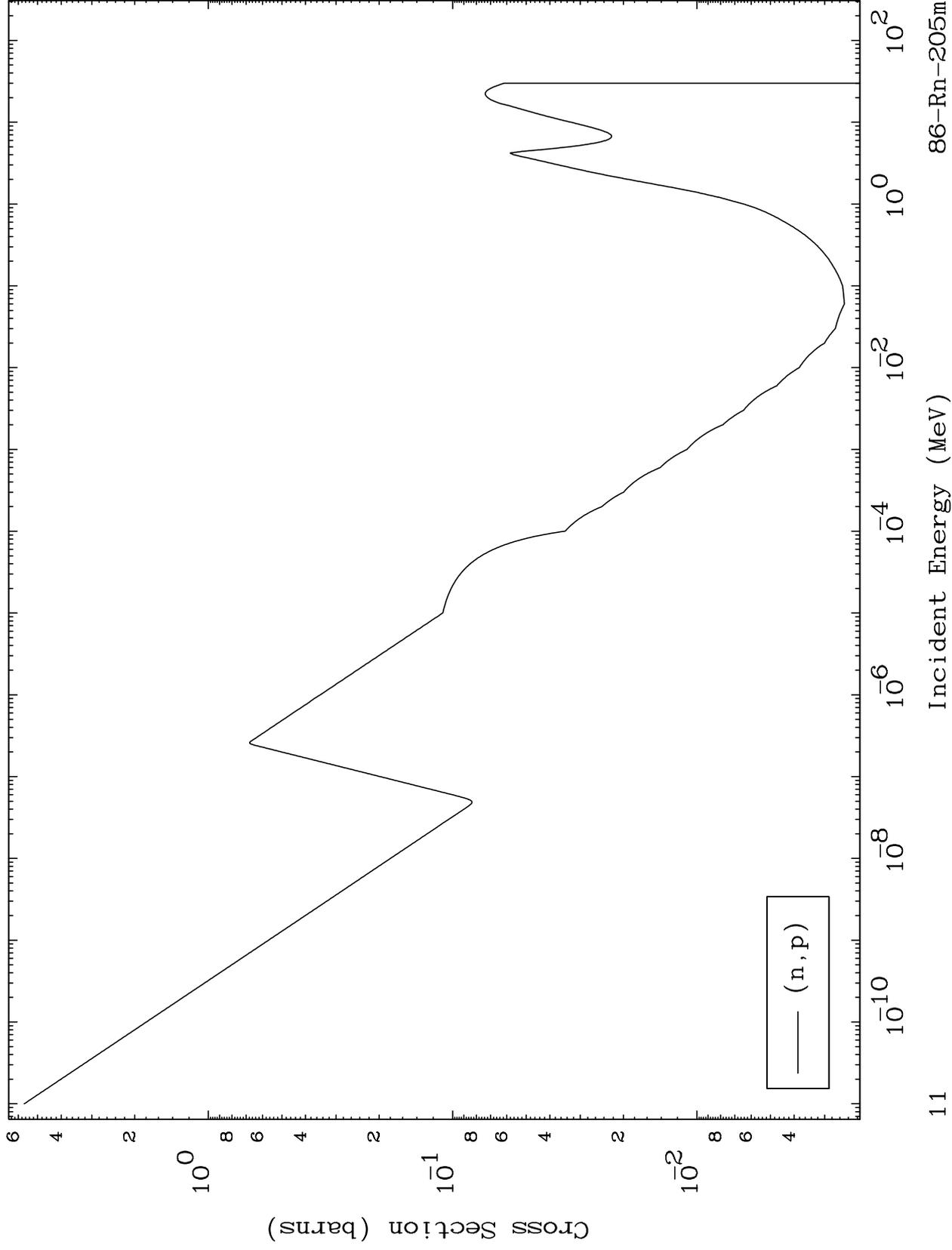
86-Rn-205m

Incident Energy (MeV)

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(n,p) Levels
293 Kelvin Cross Sections

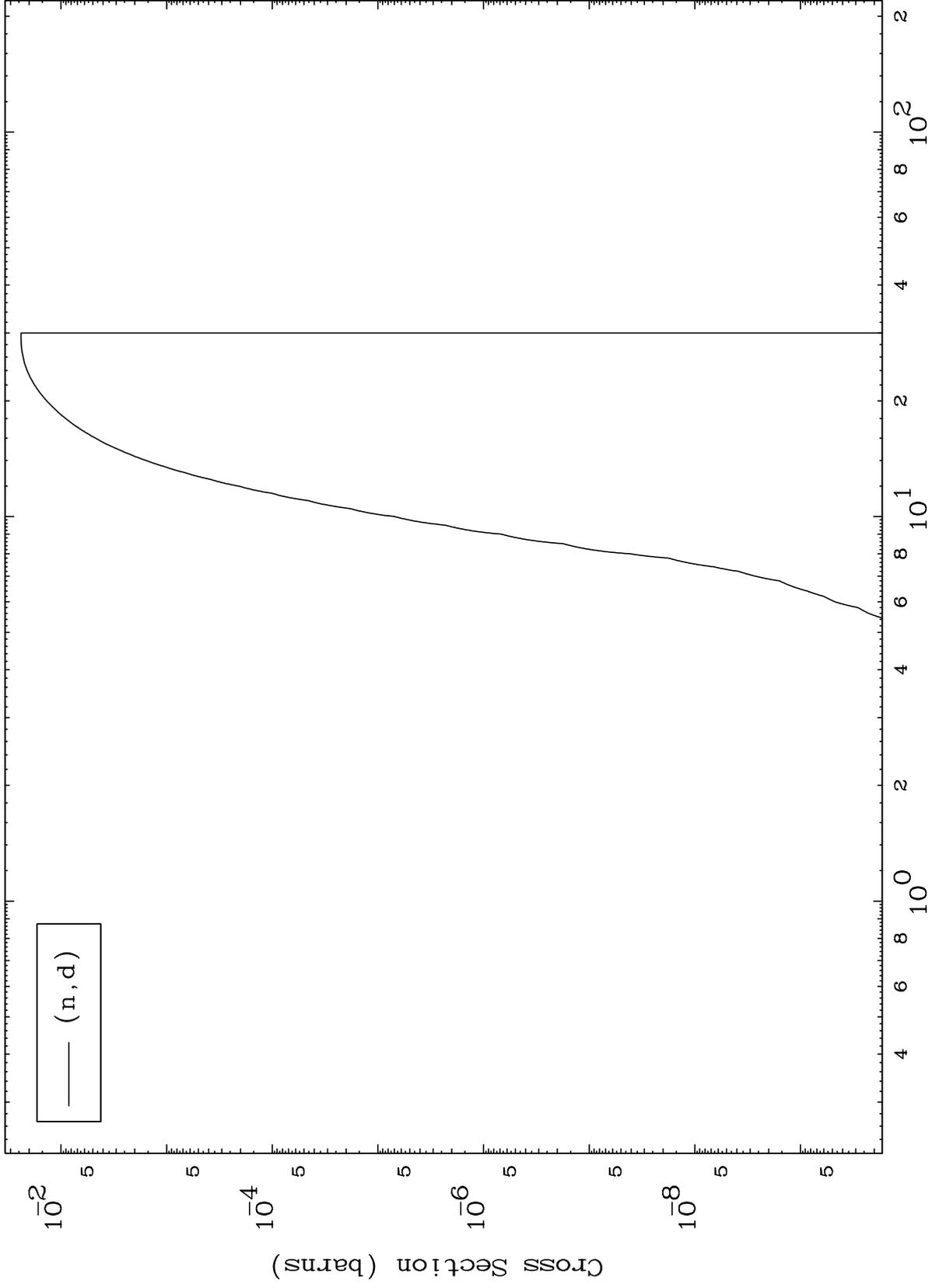
86-Rn-205m



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(n,d) Levels
293 Kelvin Cross Sections

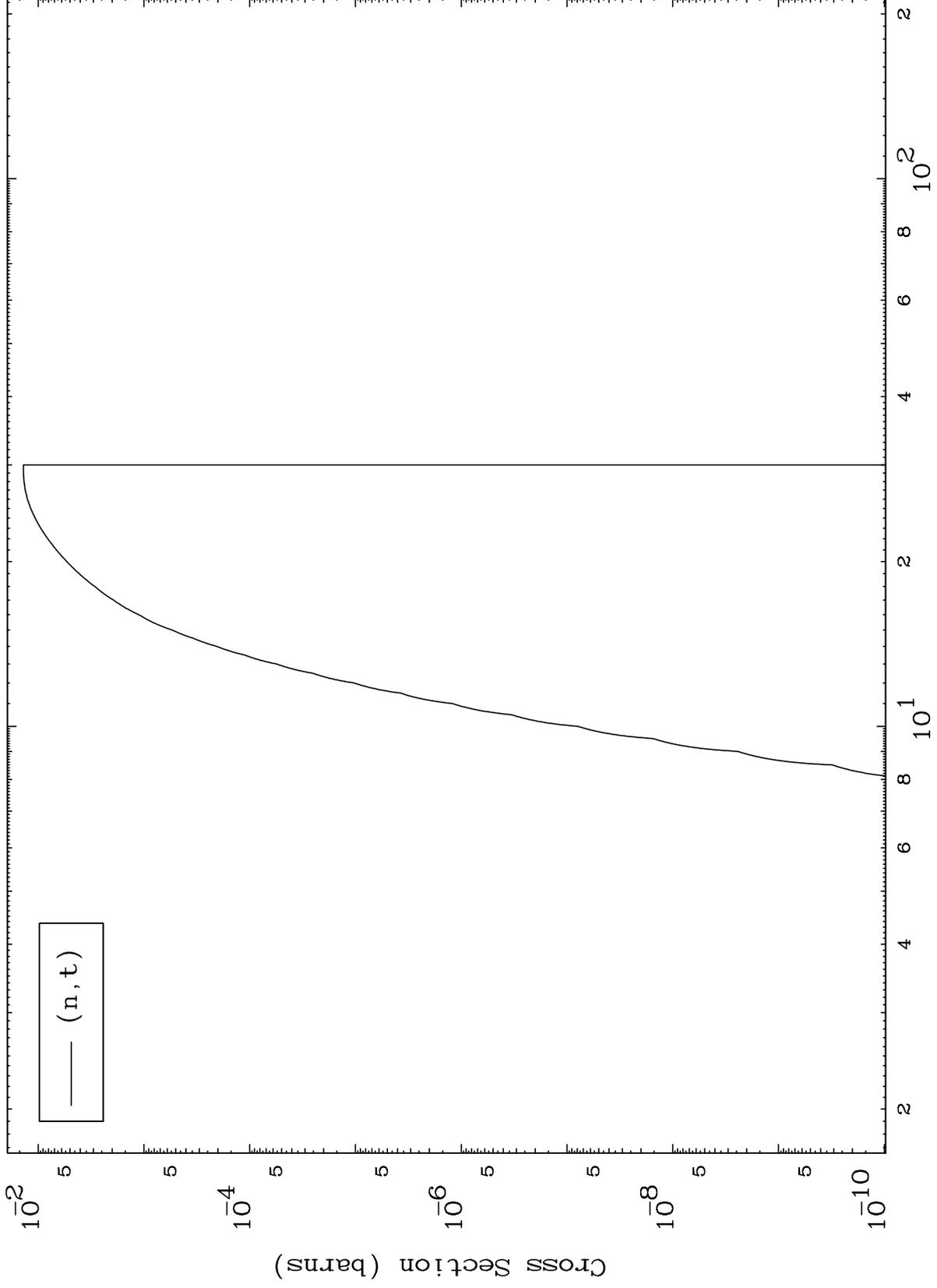
86-Rn-205m



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(n,t) Levels
293 Kelvin Cross Sections

86-Rn-205m



13

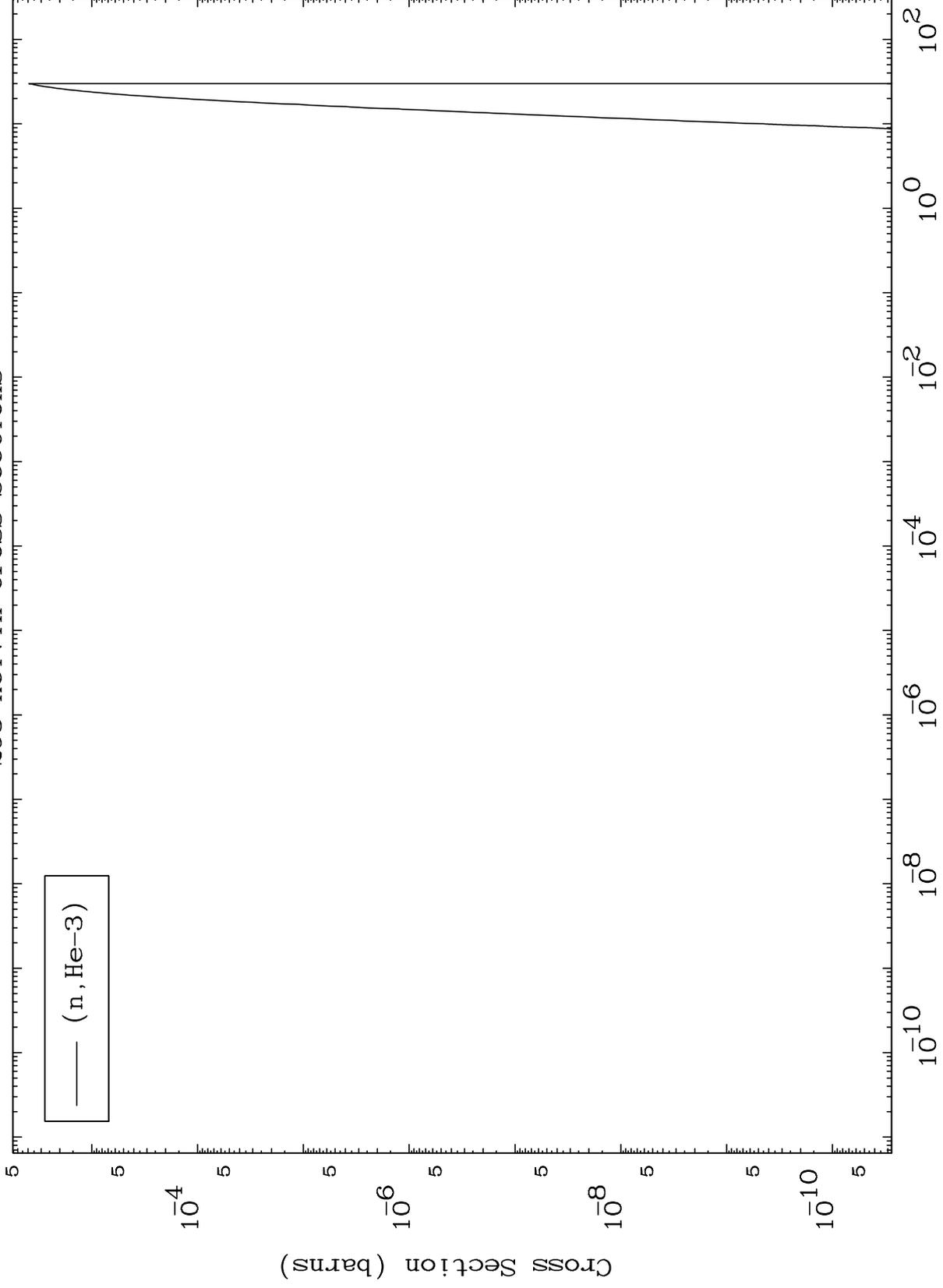
Incident Energy (MeV)

86-Rn-205m

MAT 8608

(n,He3) Levels
293 Kelvin Cross Sections

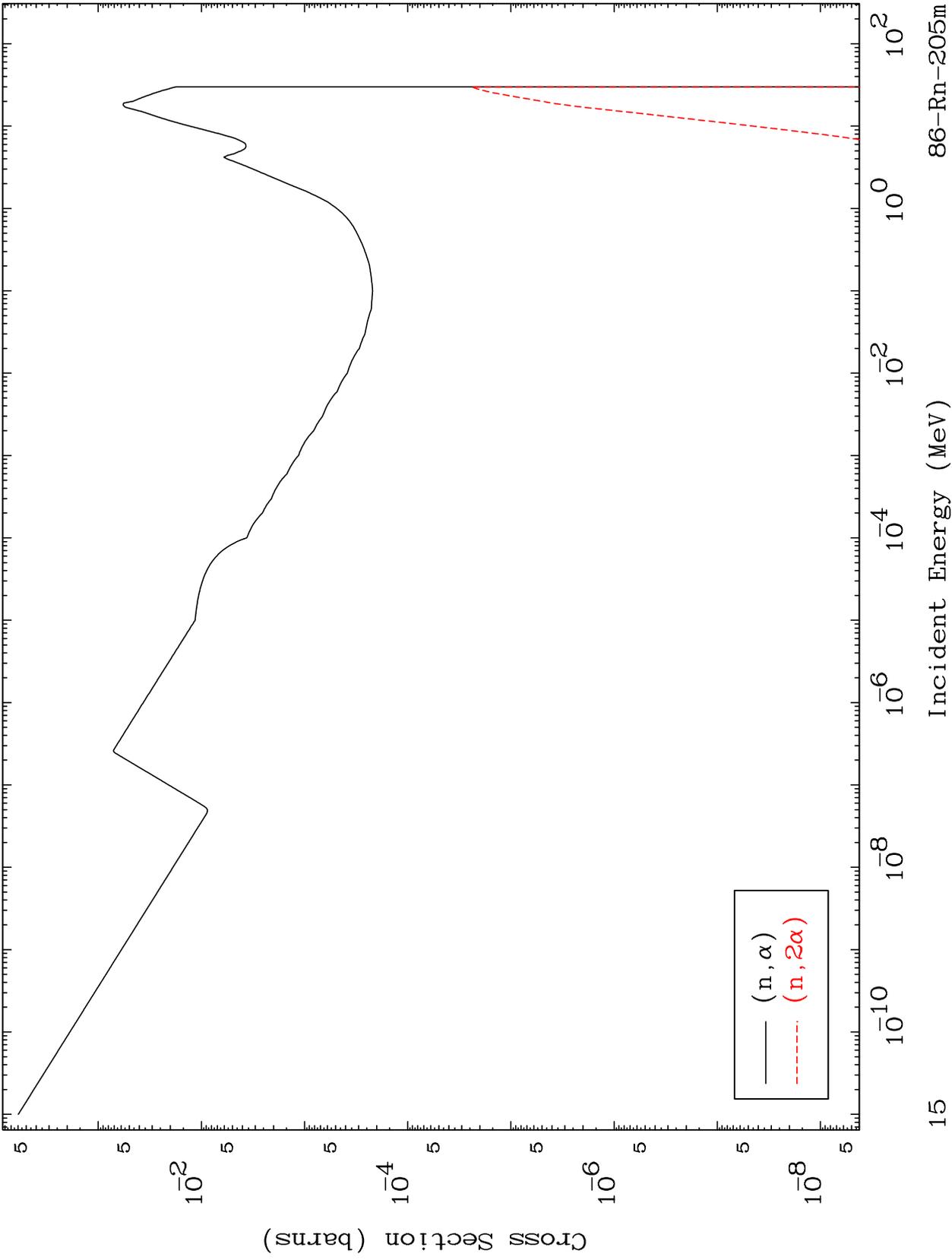
86-Rn-205m



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(n, α) Levels
293 Kelvin Cross Sections

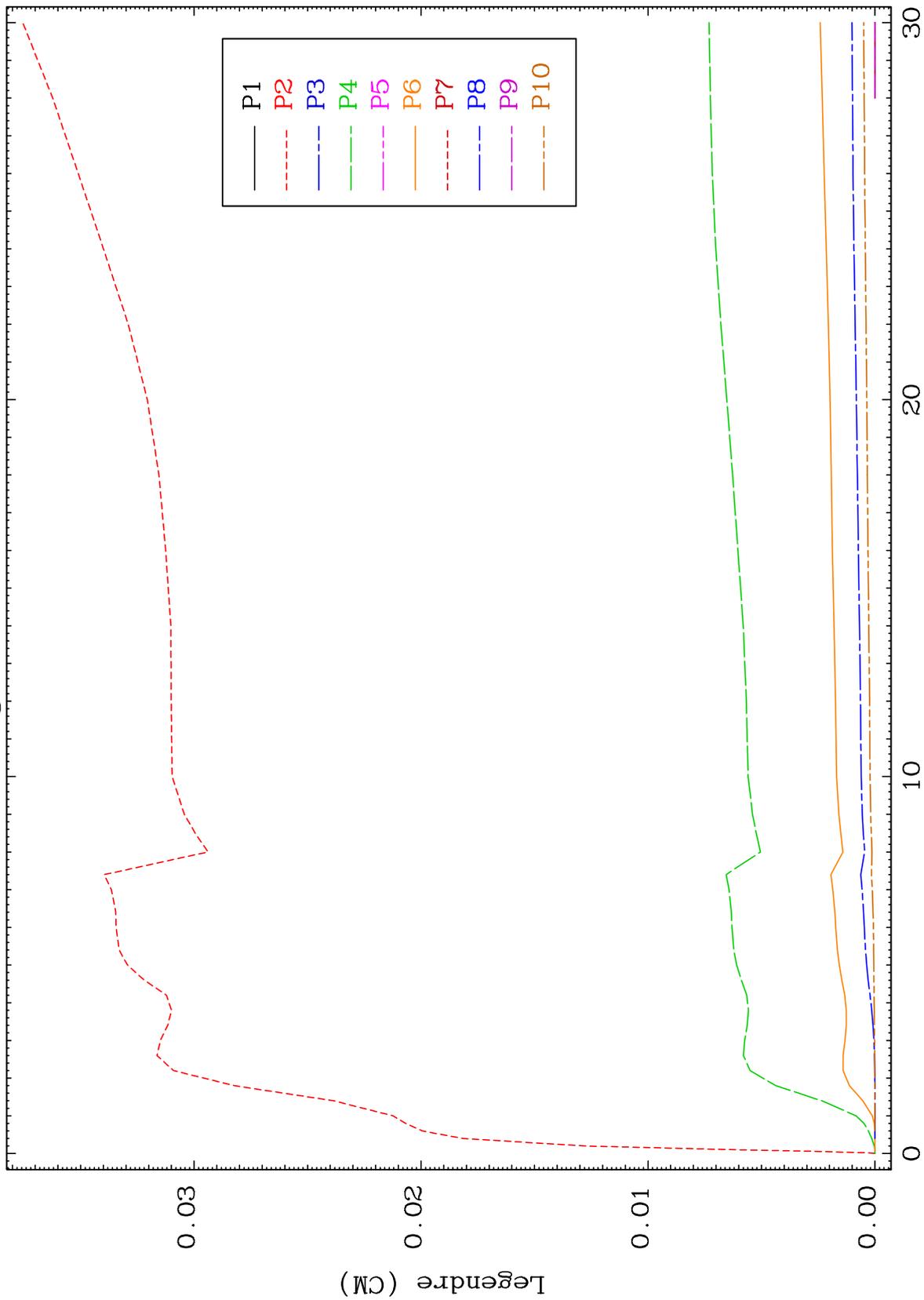
86-Rn-205m



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Elastic Legendre Coefficients

86-Rn-205m



16

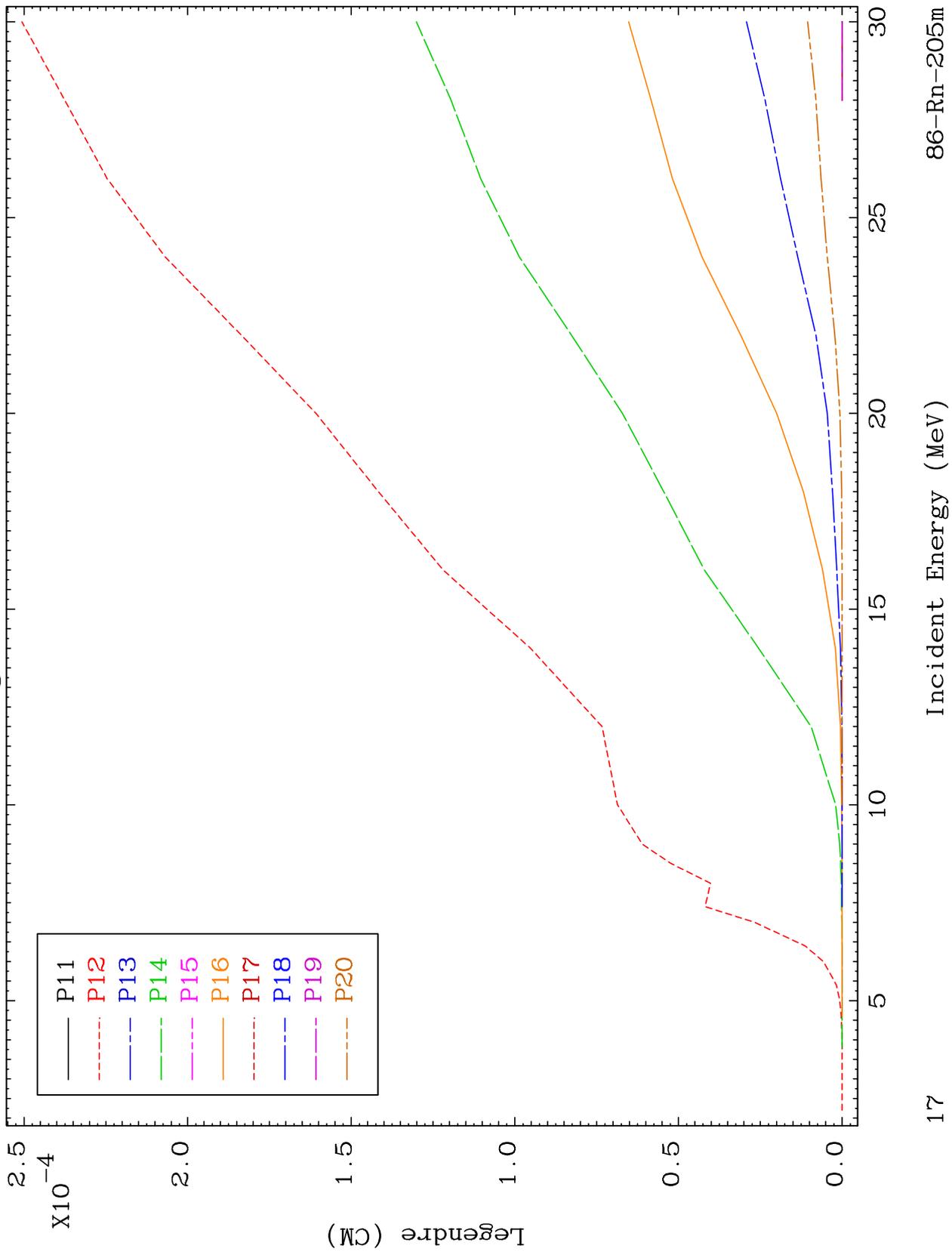
Incident Energy (MeV)

86-Rn-205m

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Elastic
Legendre Coefficients

86-Rn-205m



17

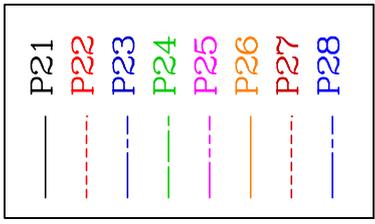
86-Rn-205m

Incident Energy (MeV)

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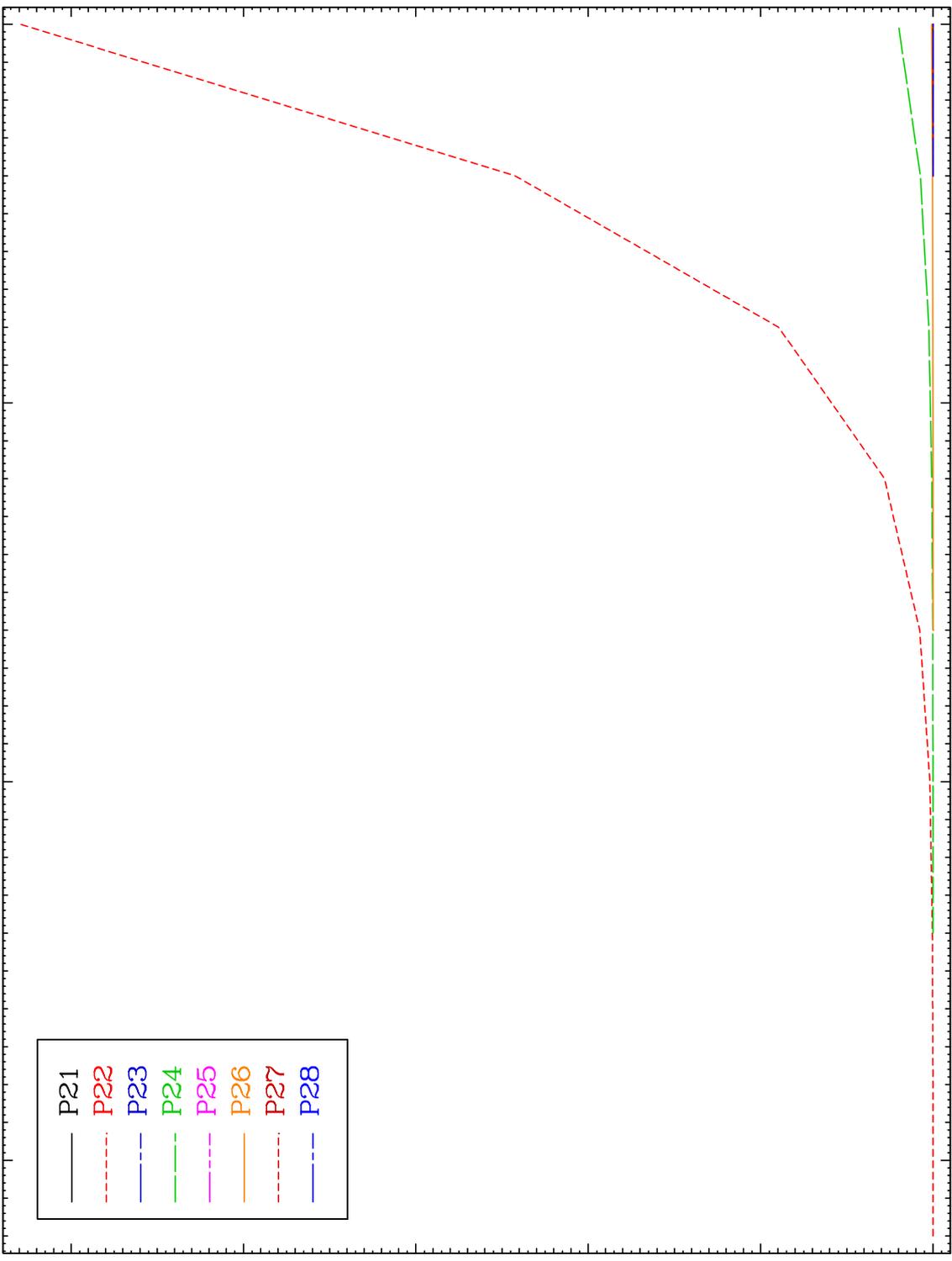
Elastic Legendre Coefficients

86-Rn-205m



$\times 10^{-6}$

Legendre (CM)



30

15

18

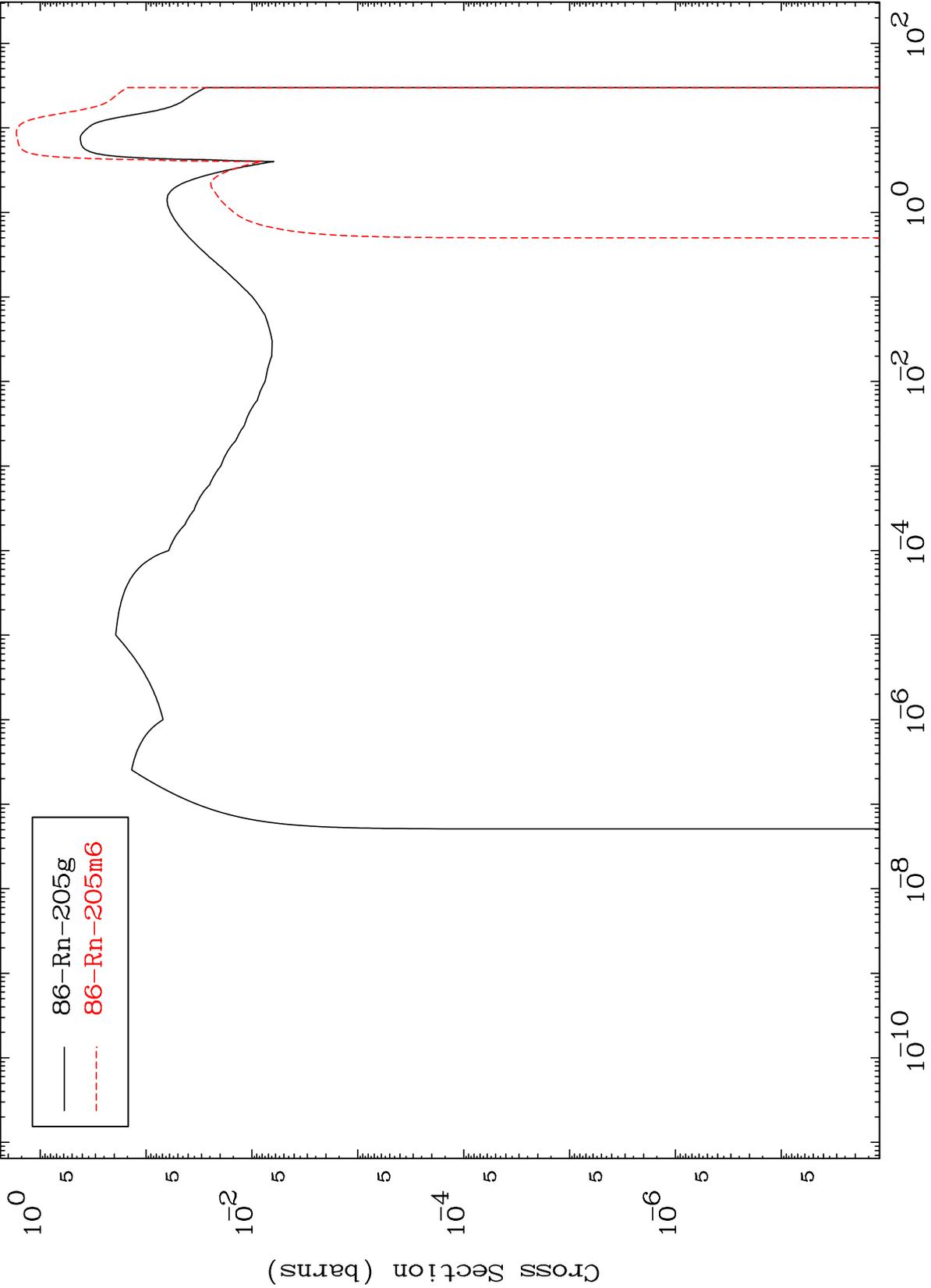
Incident Energy (MeV)

86-Rn-205m

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Inelastic
Radionuclide Production Cross Section

86-Rn-205m

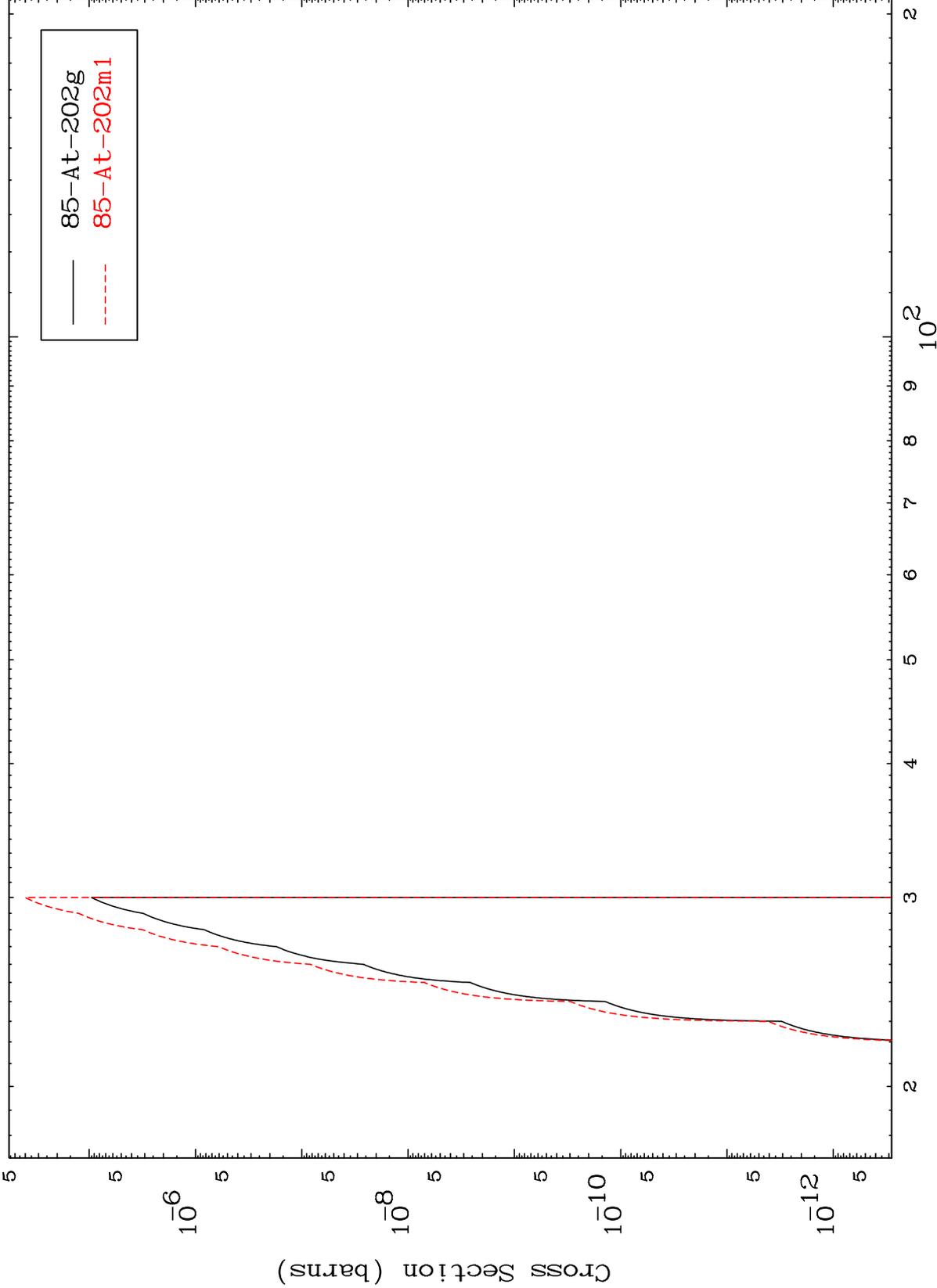


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(n,2n) d

86-Rn-205m

Radionuclide Production Cross Section



20

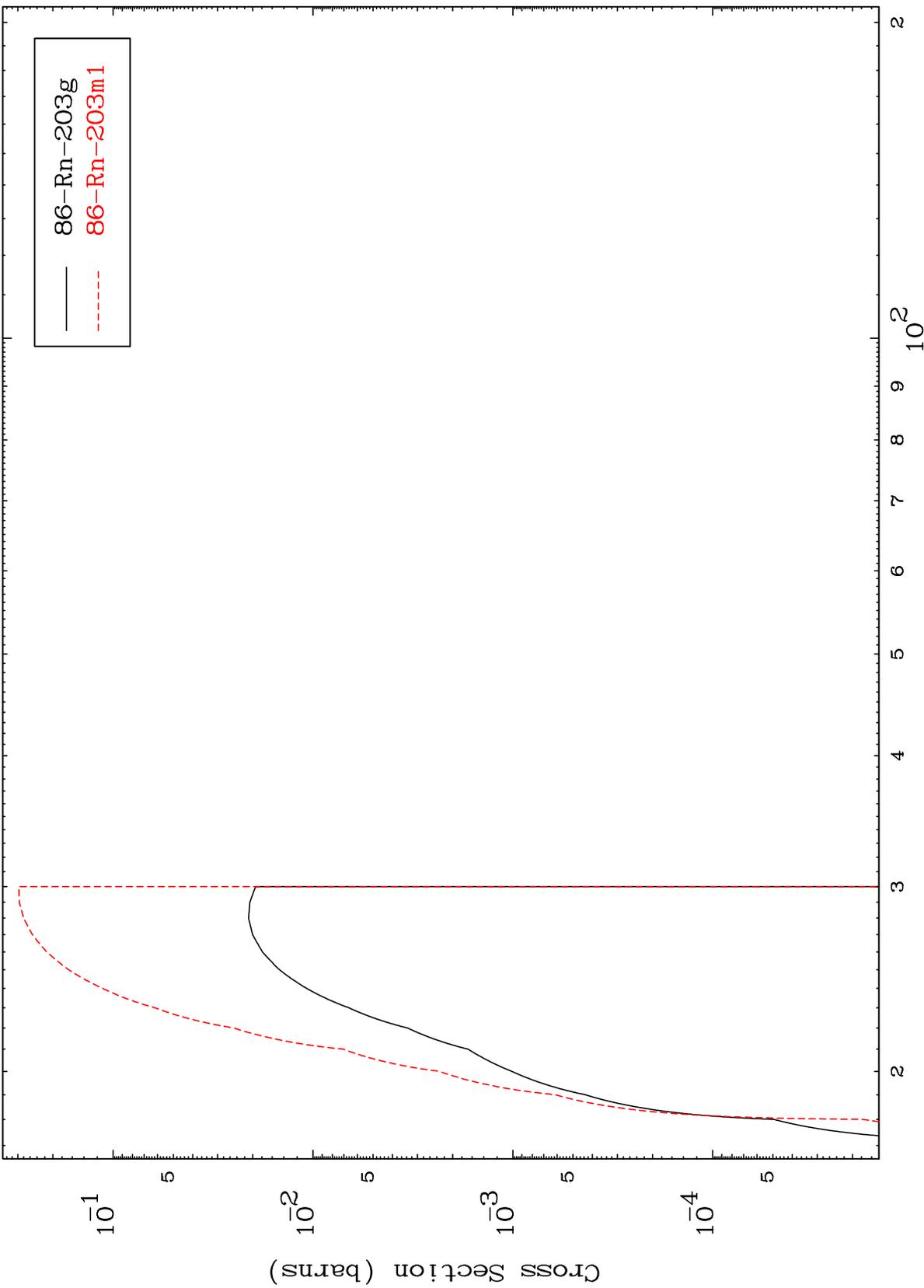
Incident Energy (MeV)

86-Rn-205m

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86-Rn-205m

(n,3n)
Radionuclide Production Cross Section



86-Rn-203g
86-Rn-203m1

86-Rn-205m

Incident Energy (MeV)

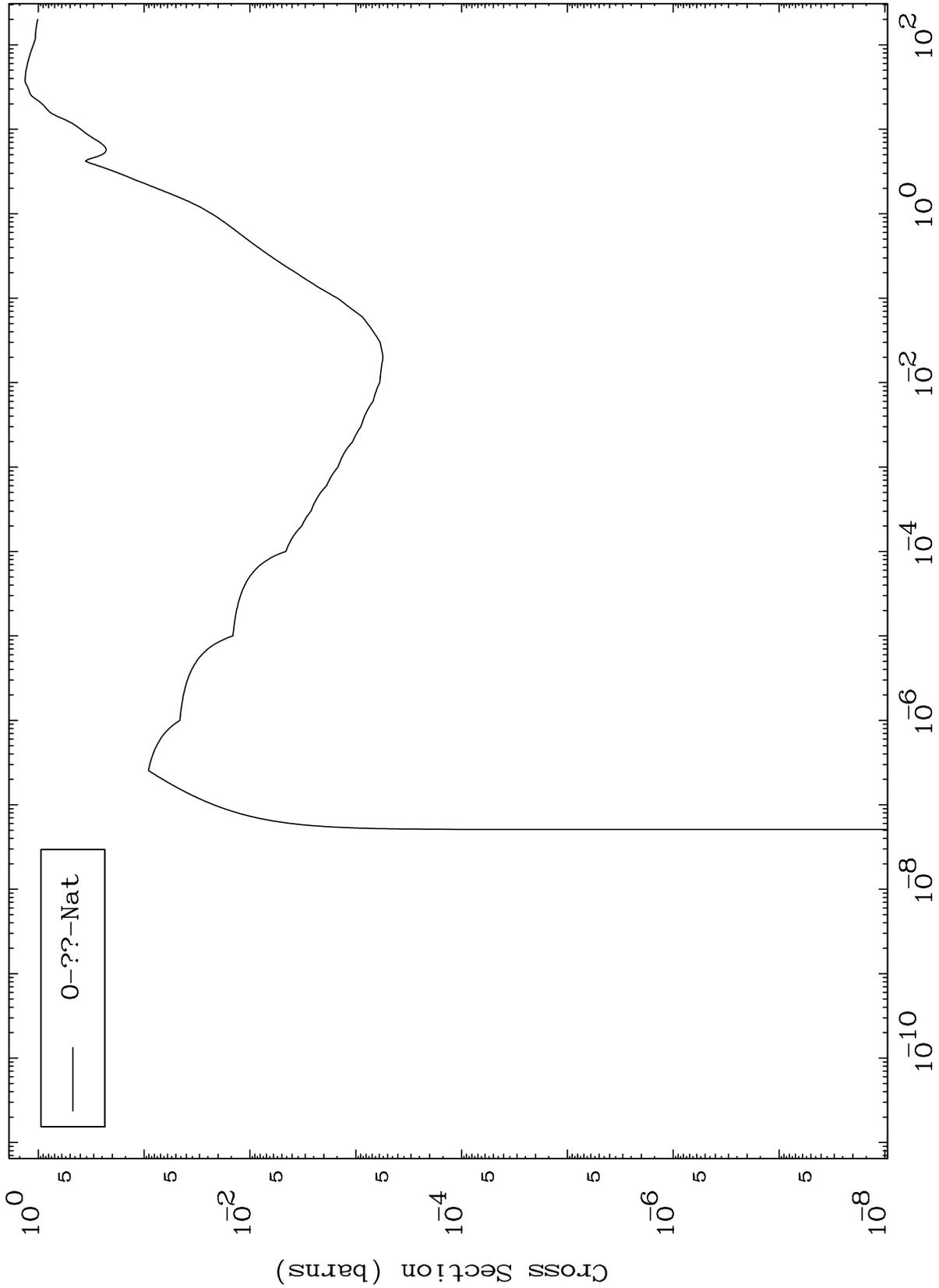
21

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Fission

⁸⁶Rn-205m

Radionuclide Production Cross Section

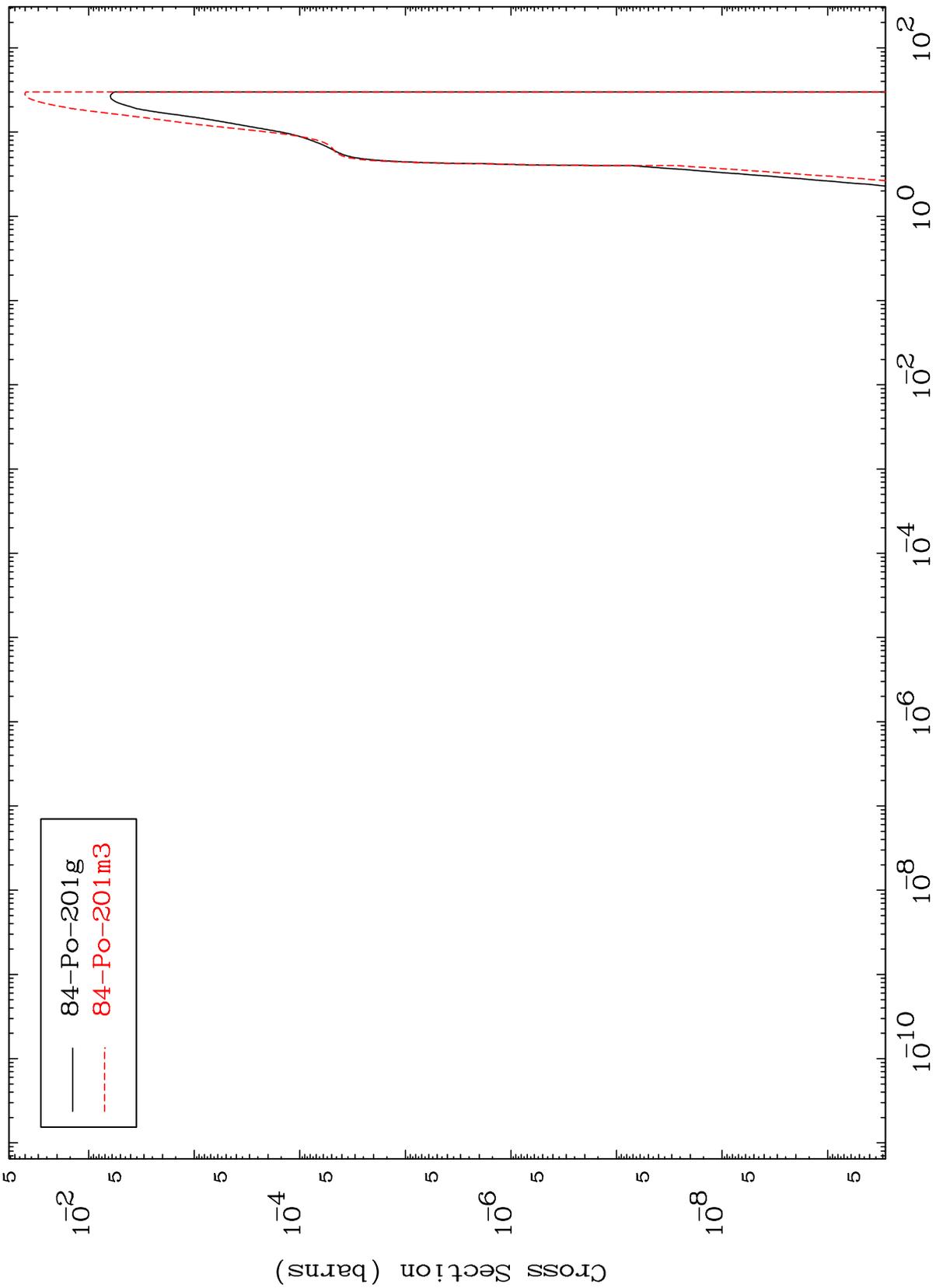


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$(n, n') \alpha$

86-Rn-205m

Radionuclide Production Cross Section

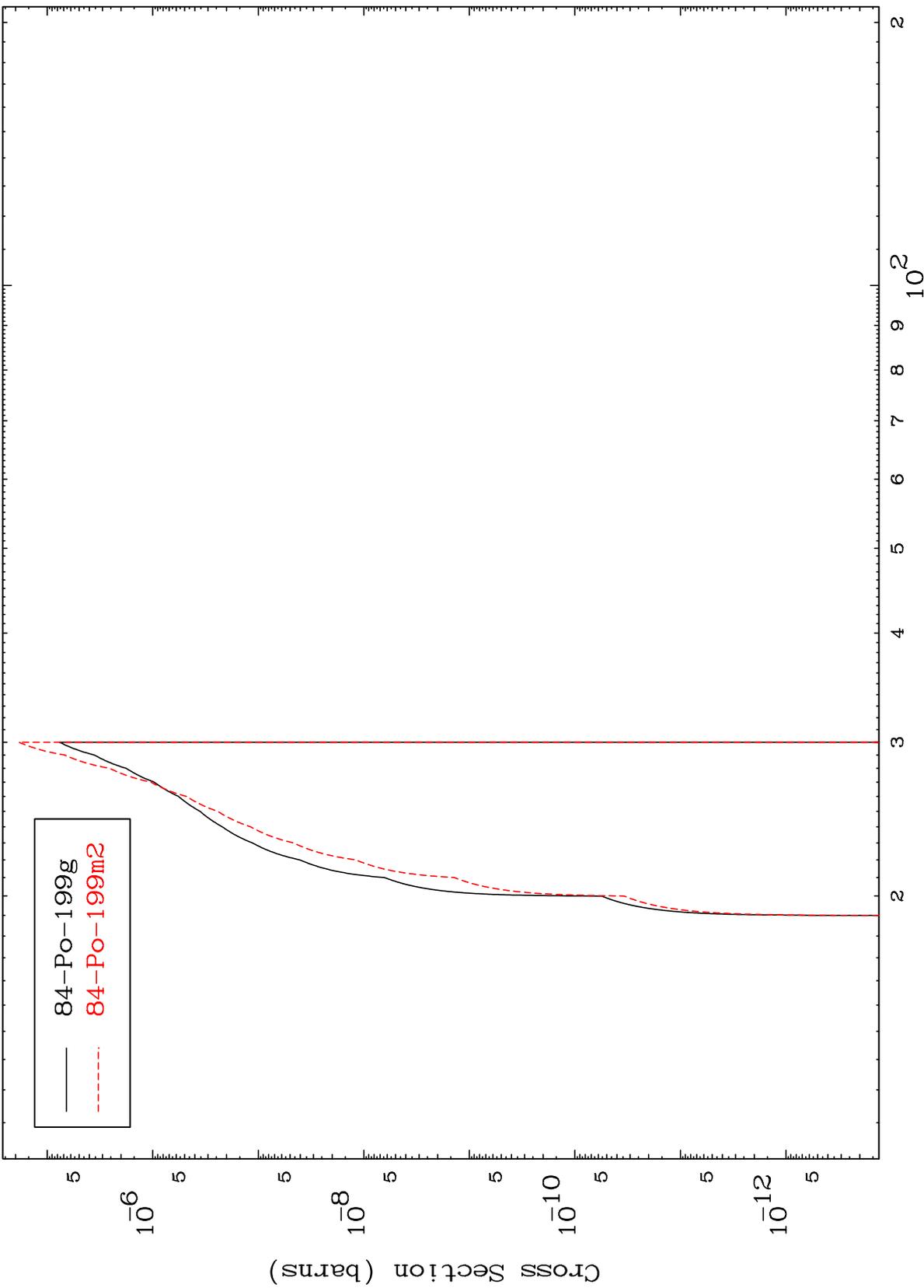


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(n,3n) α

86-Rn-205m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

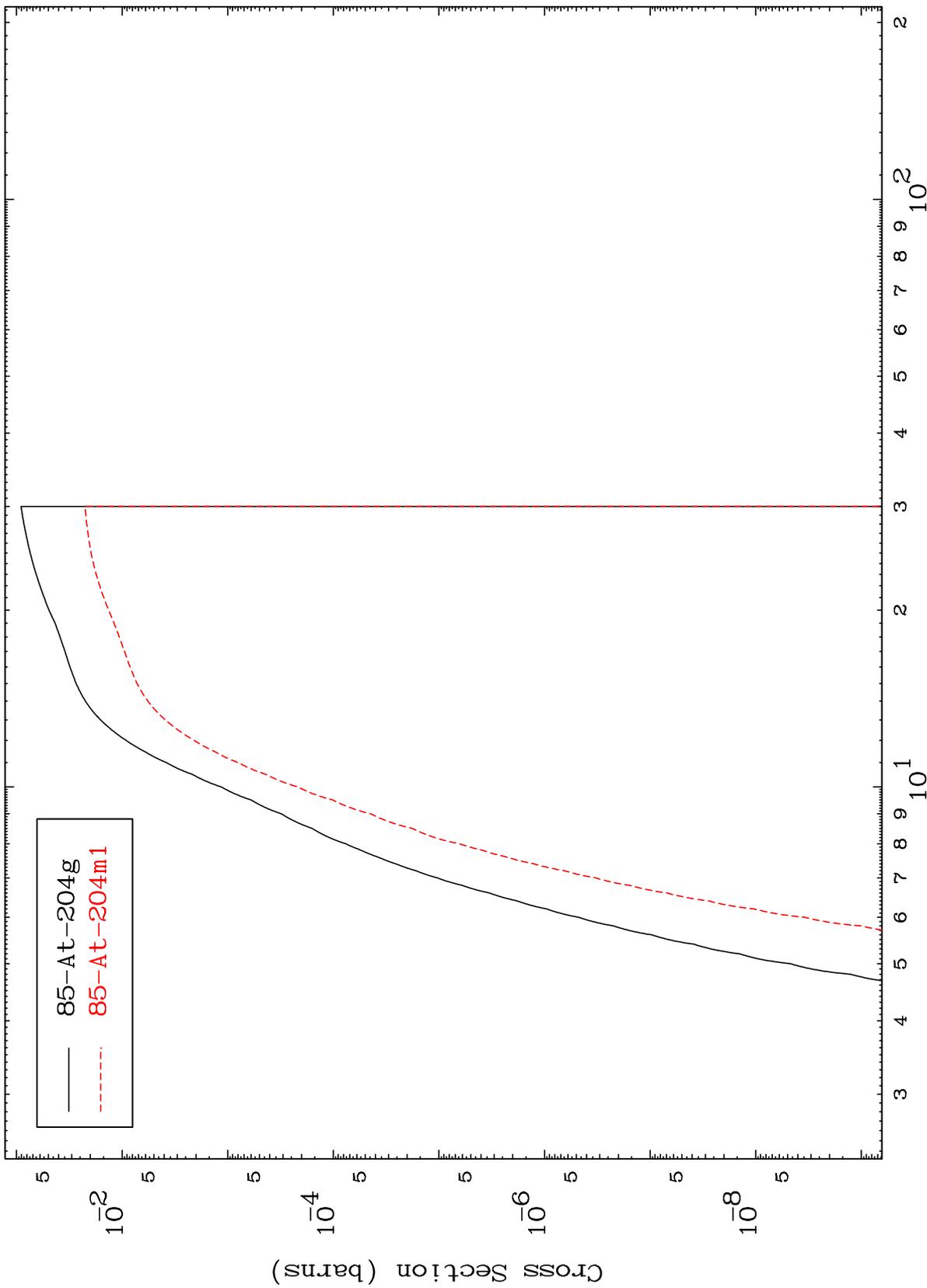
86-Rn-205m

MAT 8608

(n,n') p

86-Rn-205m

Radionuclide Production Cross Section



85-At-204g
85-At-204m1

Incident Energy (MeV)

86-Rn-205m

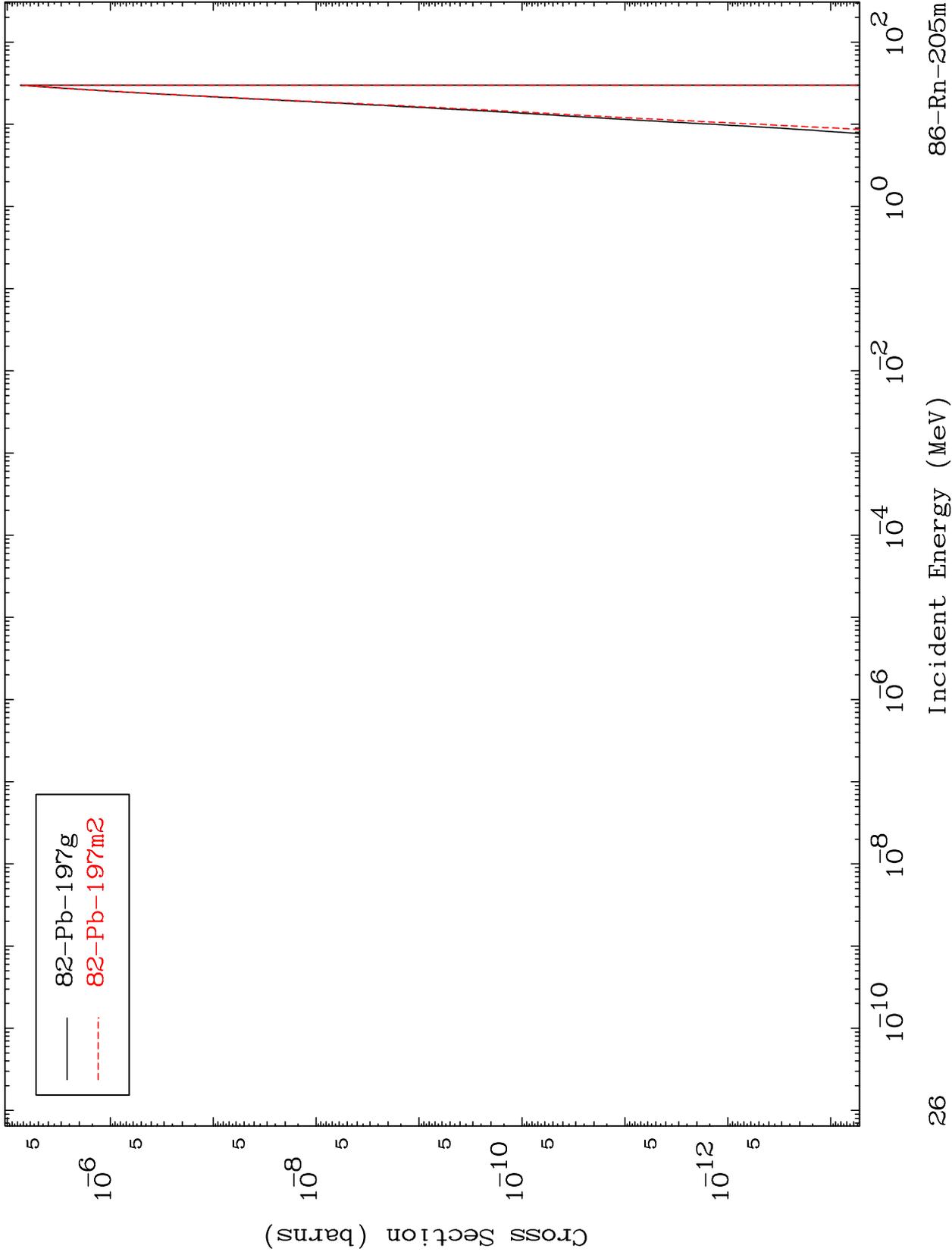
25

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(n,n') 2α

86-Rn-205m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

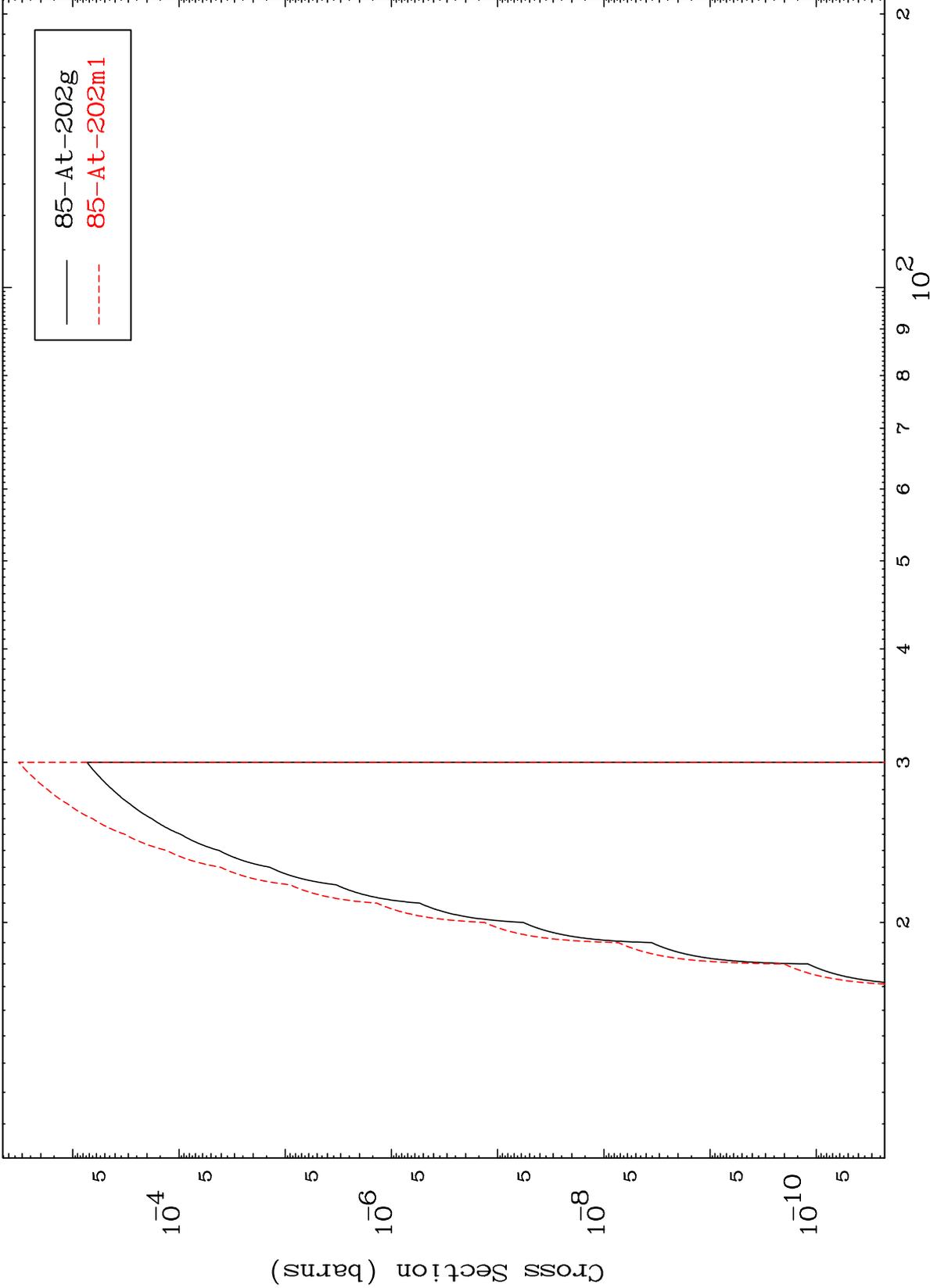
86-Rn-205m

MAT 8608

(n,n') t

86-Rn-205m

Radionuclide Production Cross Section

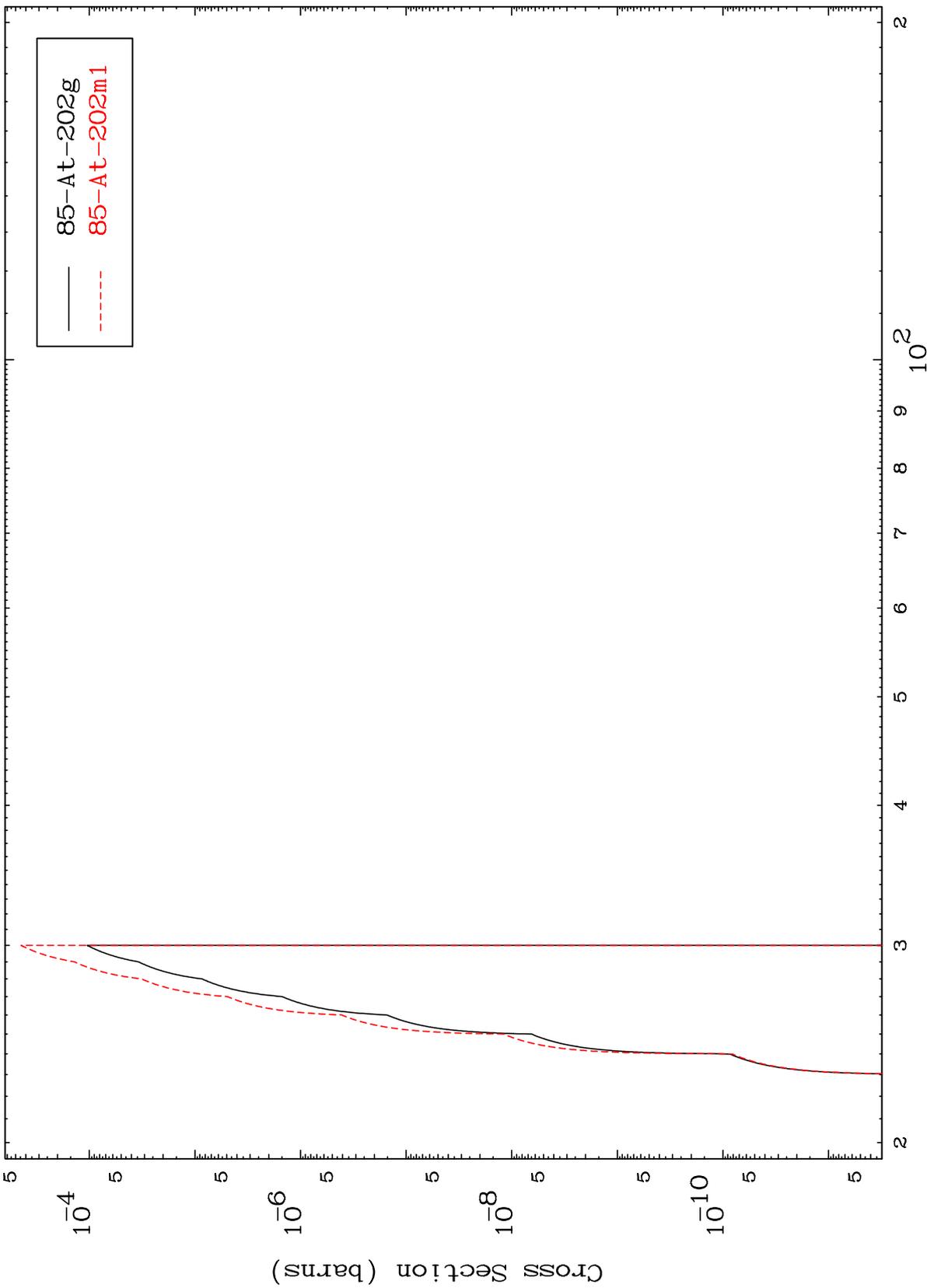


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(n,3n) p

86-Rn-205m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

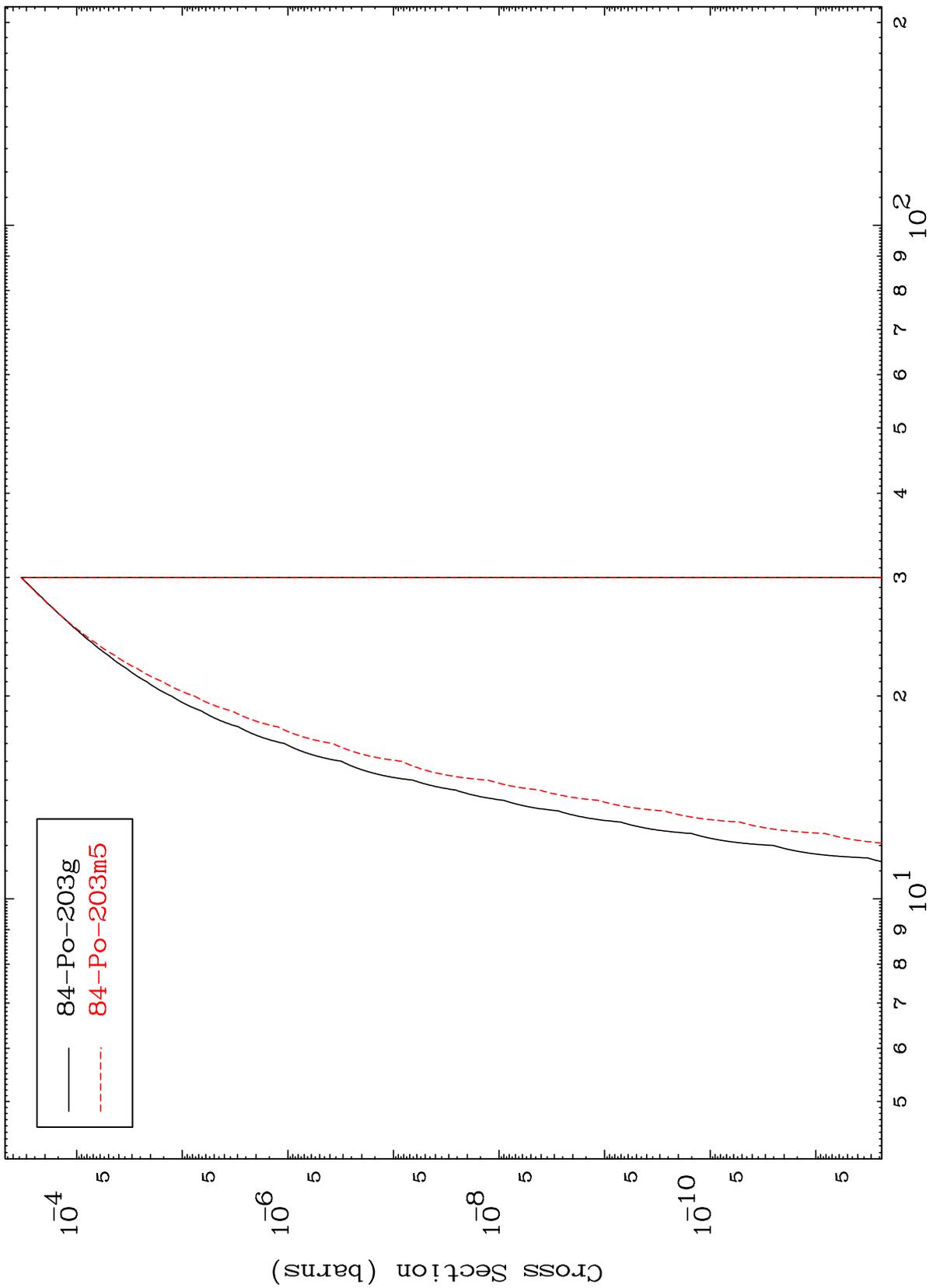
86-Rn-205m

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(n,2n) p

86-Rn-205m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

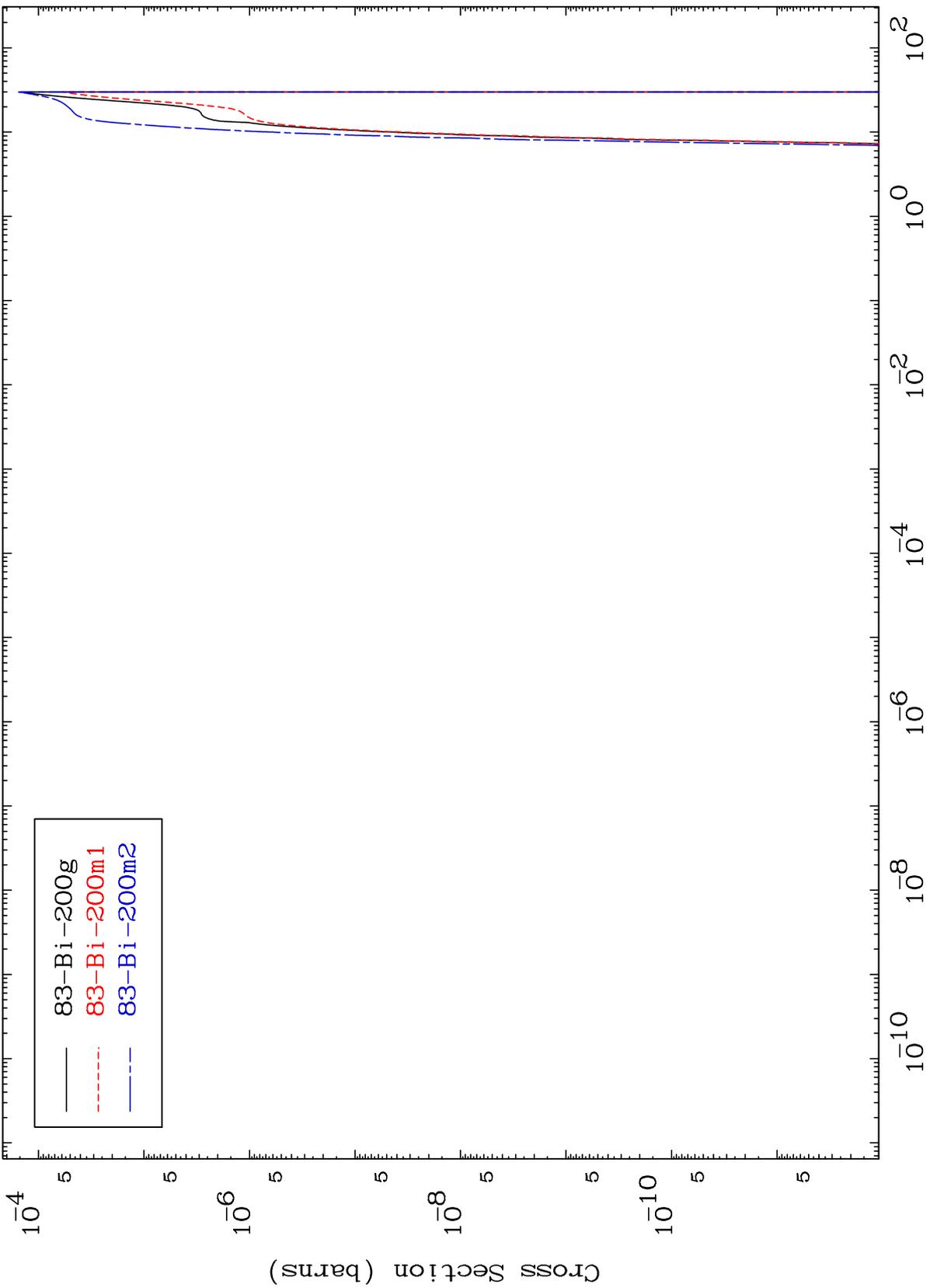
86-Rn-205m

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(n,n') p α

86-Rn-205m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

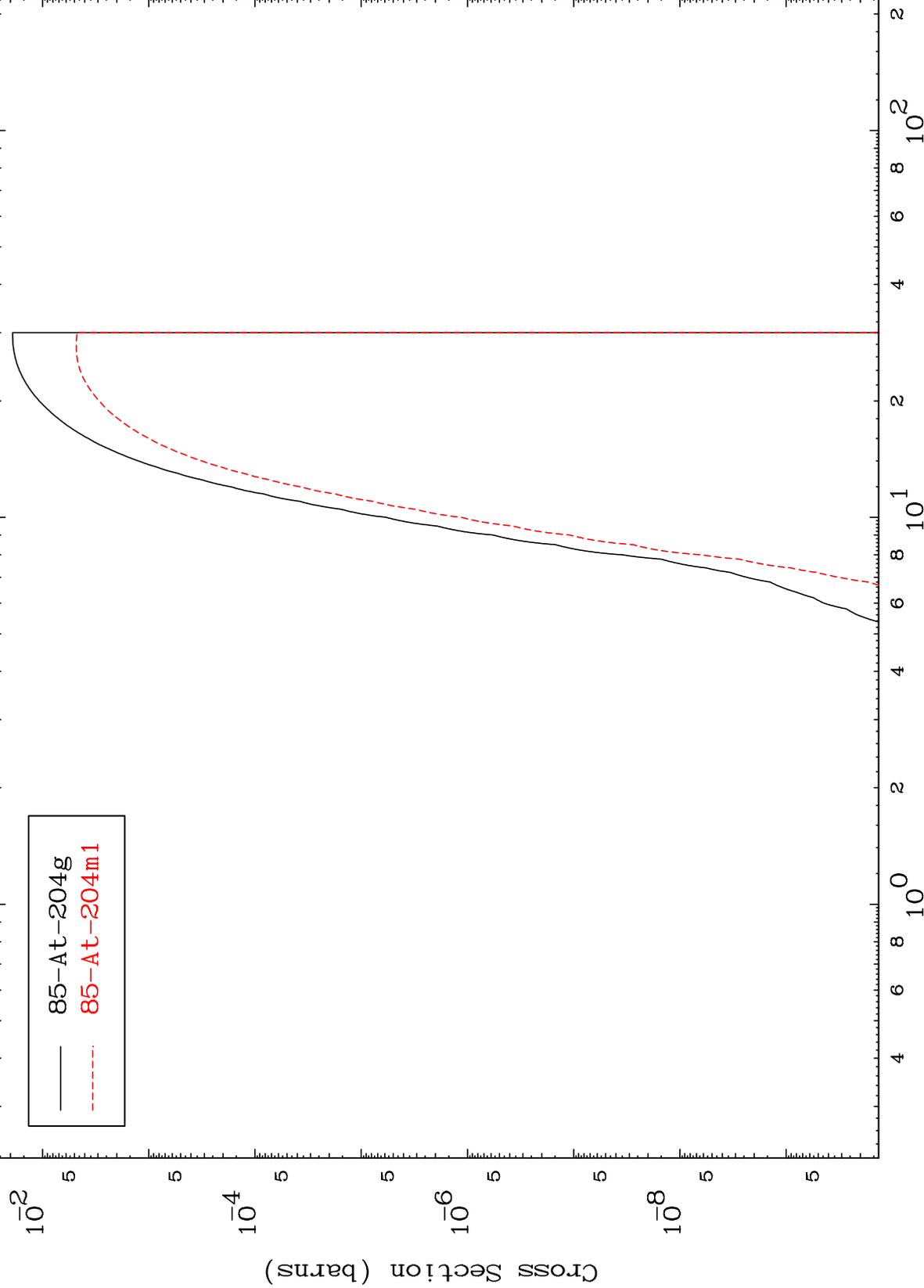
86-Rn-205m

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(n, d)

86-Rn-205m

Radionuclide Production Cross Section

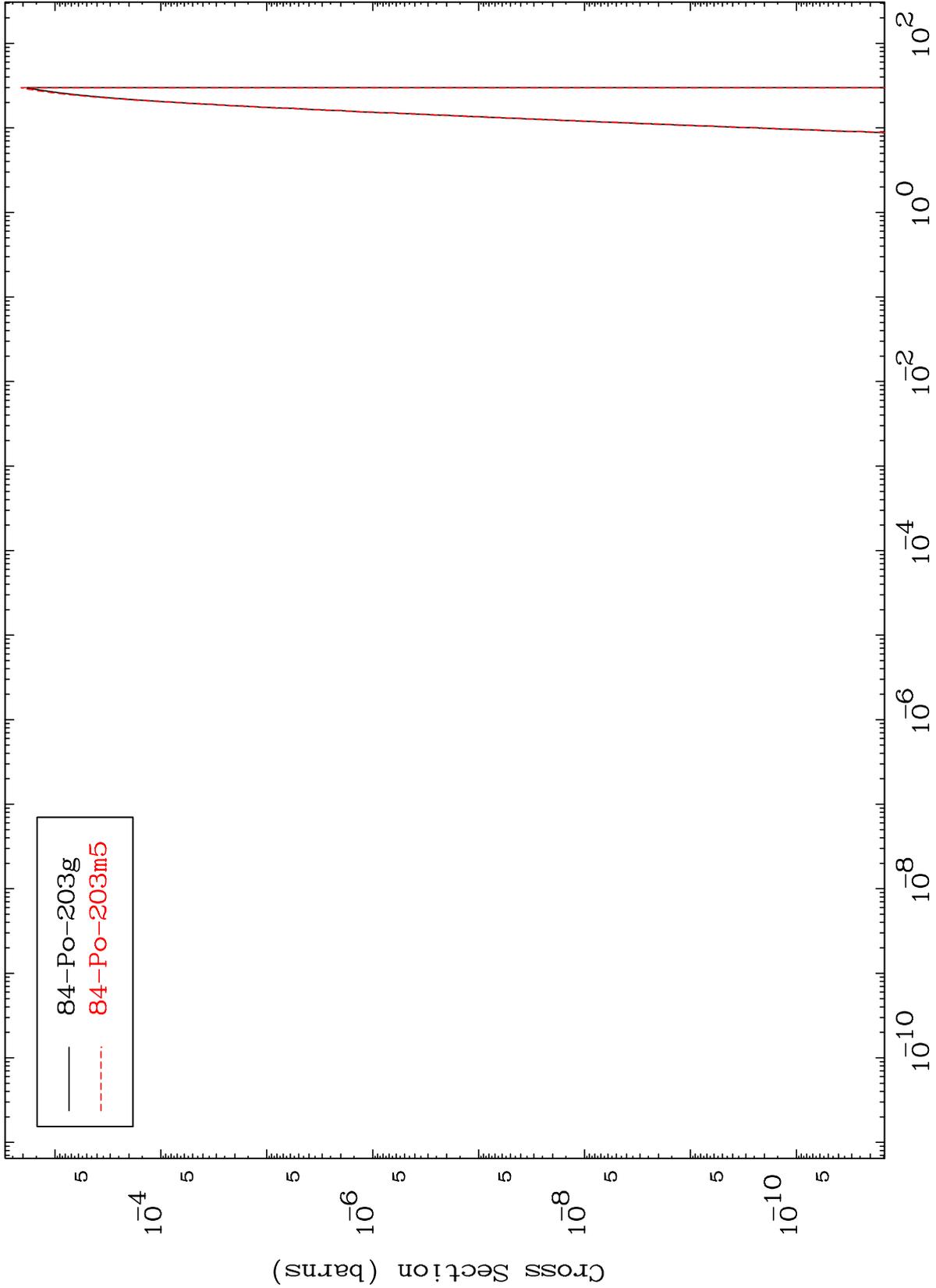


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(n,He-3)

86-Rn-205m

Radionuclide Production Cross Section

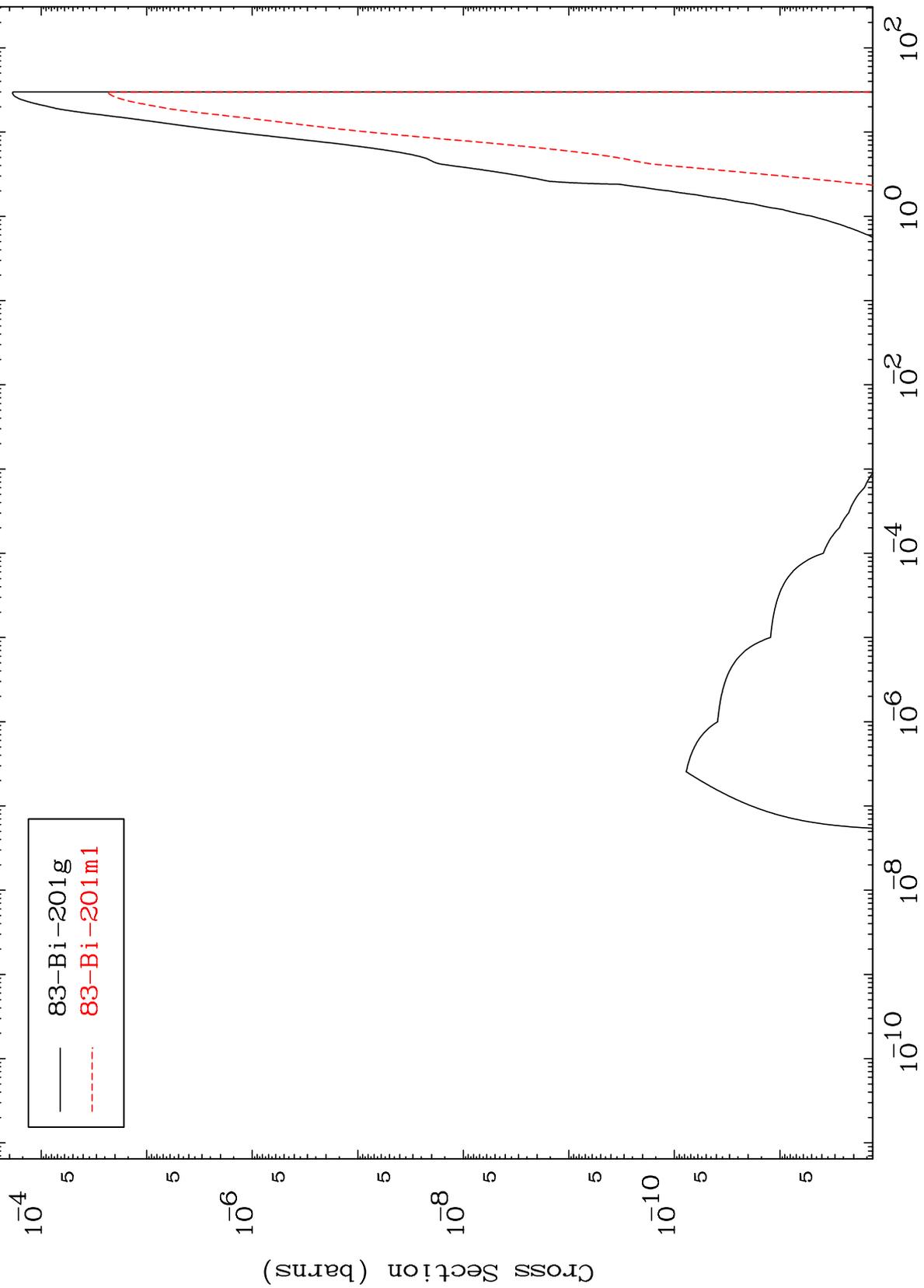


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(n,p) α

86-Rn-205m

Radionuclide Production Cross Section

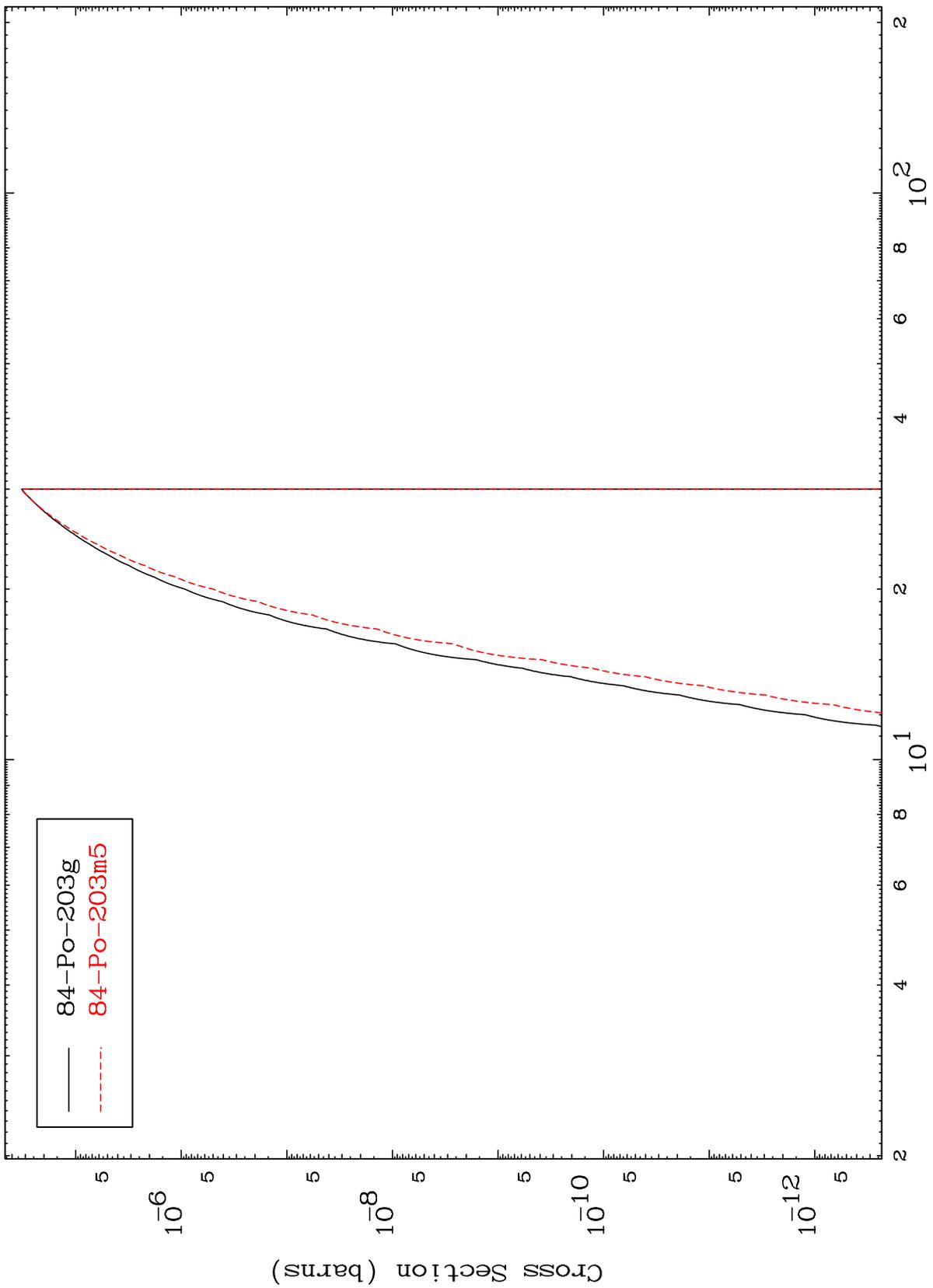


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(n,p) d

86-Rn-205m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

86-Rn-205m

MAT 8608

(n,d) α

86-Rn-205m

Radionuclide Production Cross Section

