

Program EVALPLOT
(Version 2015-2)

by

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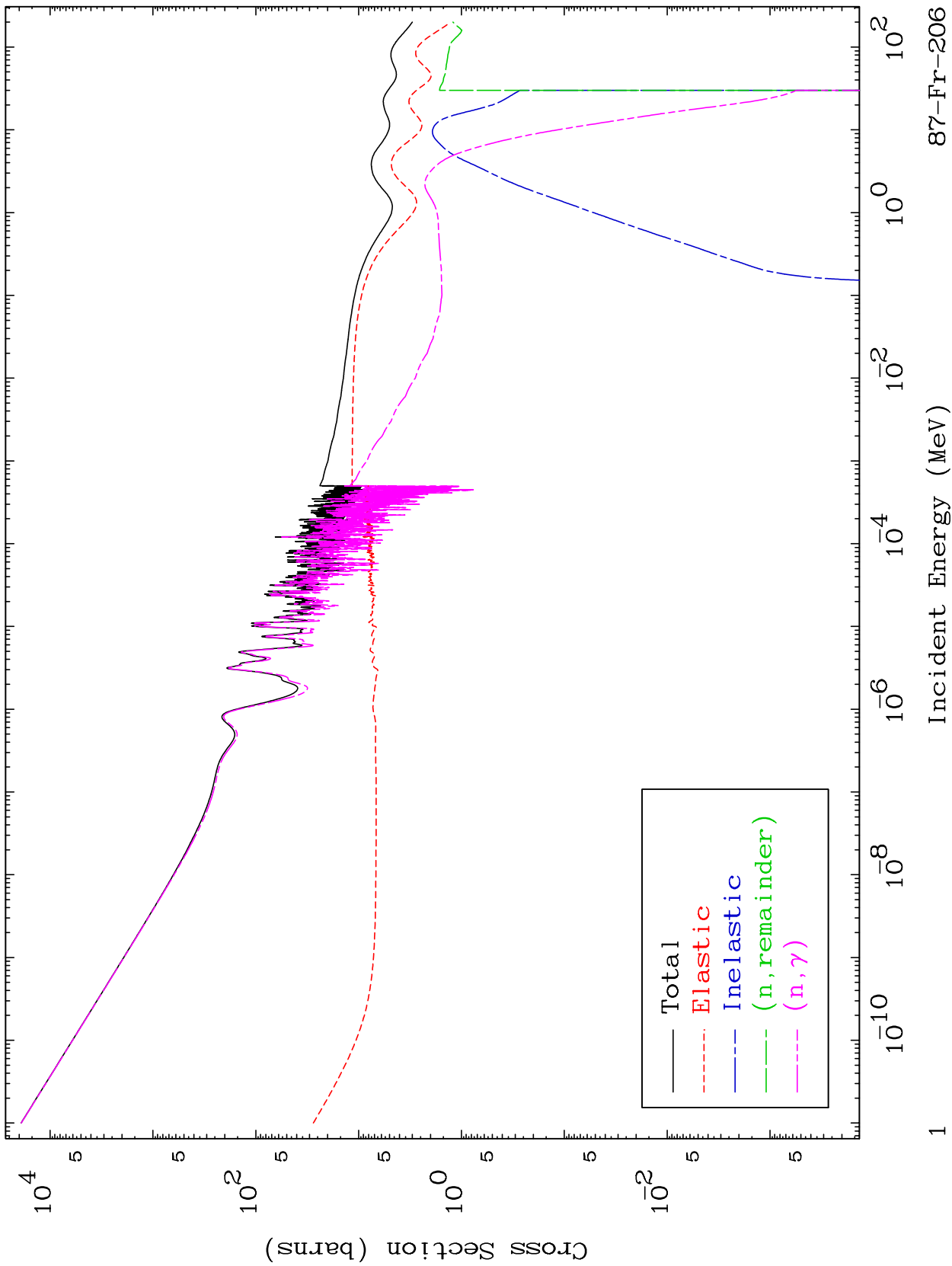
Press Mouse Button to Start

MAT 8708

Major

293 Kelvin Cross Sections

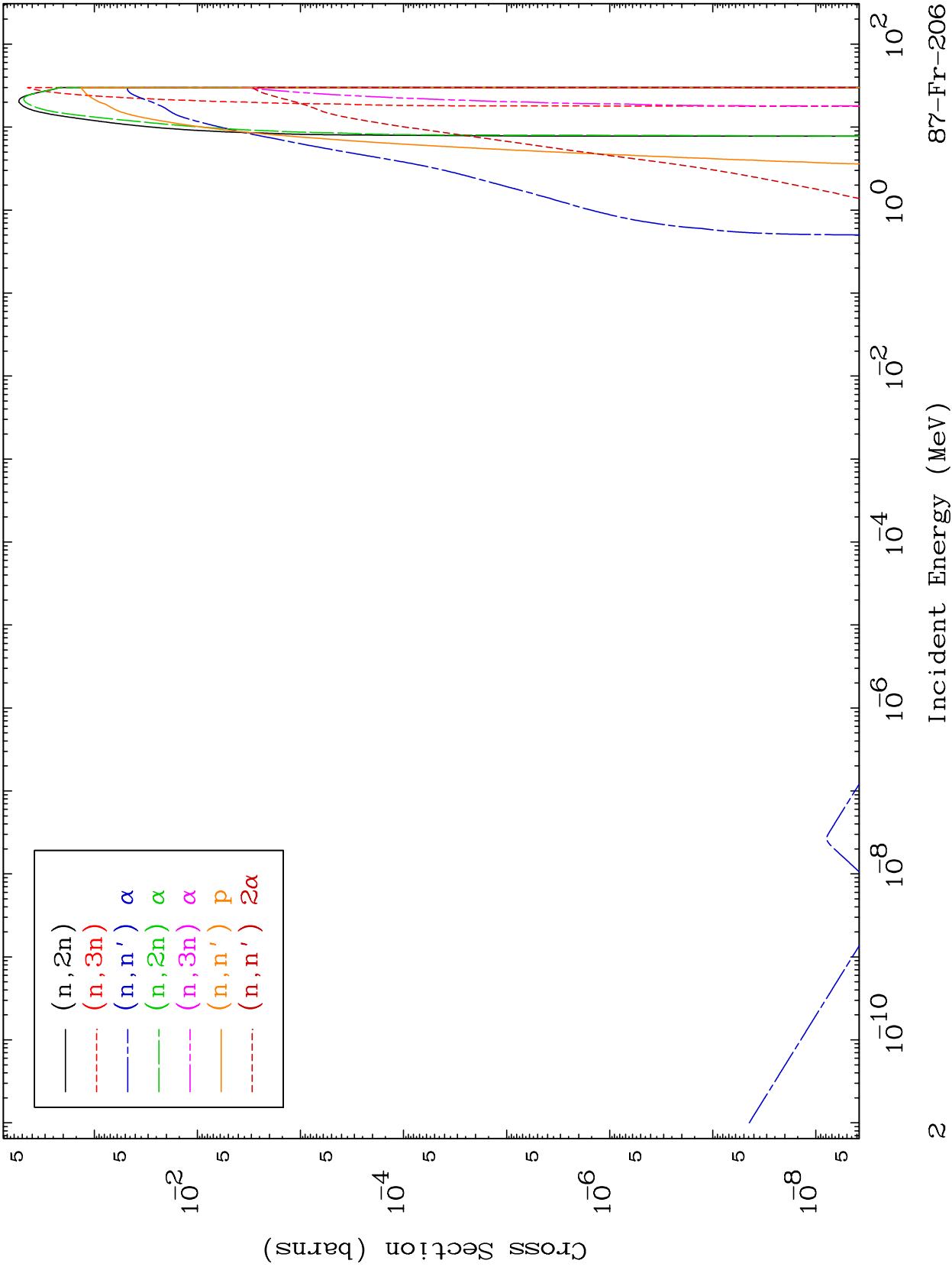
87-Fr-206



MAT 8708

Neutron Production
293 Kelvin Cross Sections

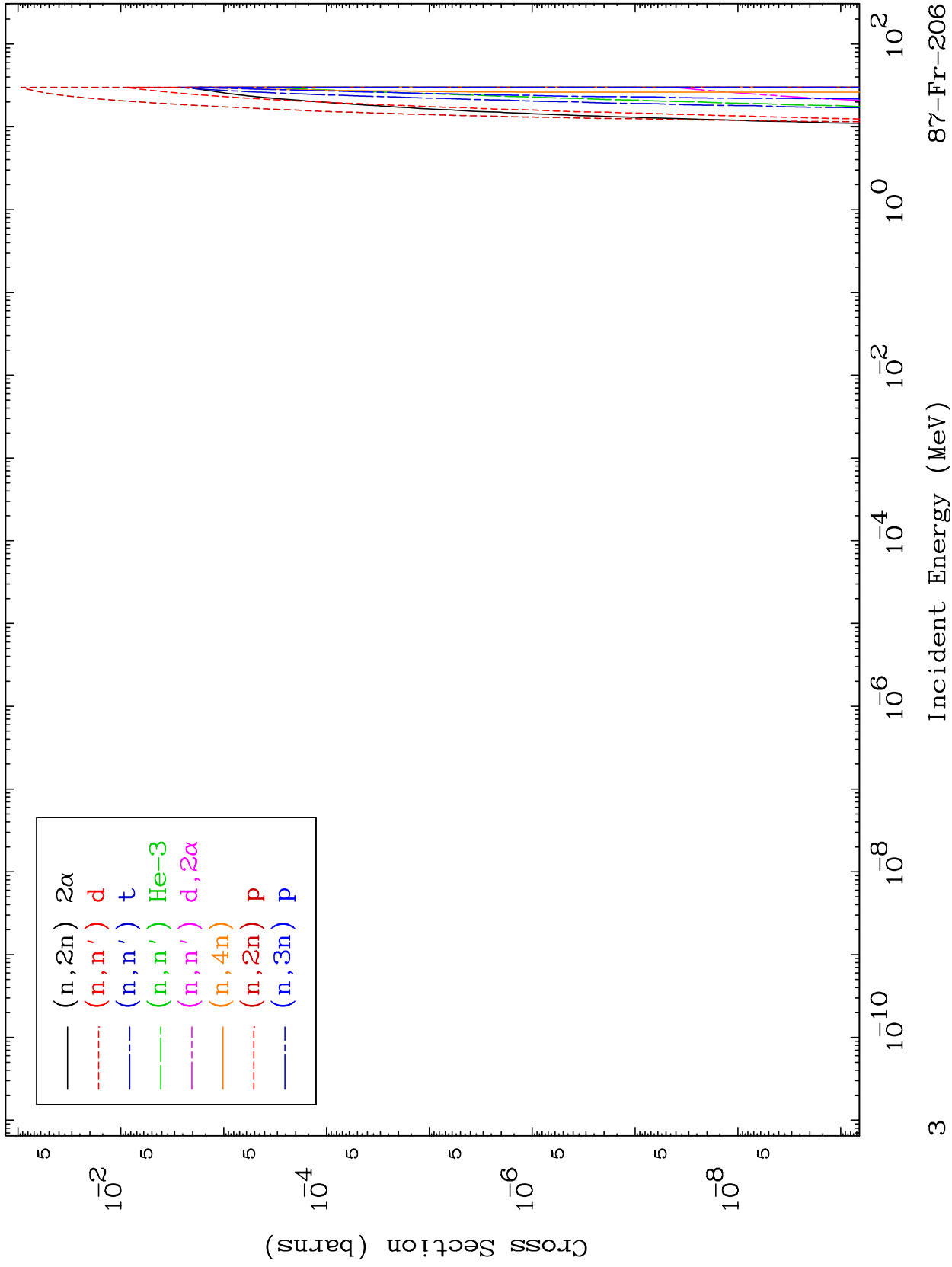
87-Fr-206



MAT 8708

Neutron Production
293 Kelvin Cross Sections

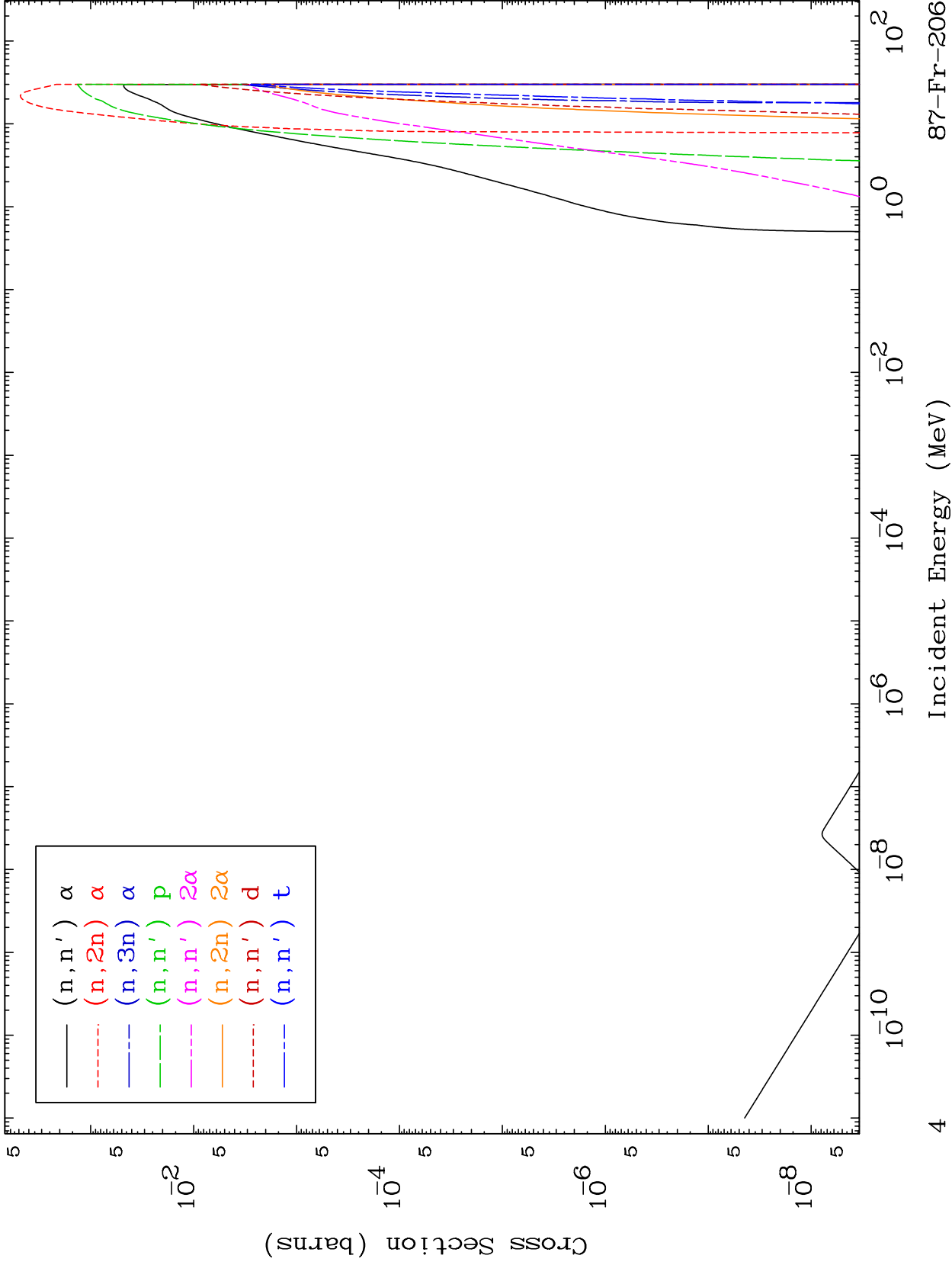
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MAT 8708

Charged Particle
293 Kelvin Cross Sections

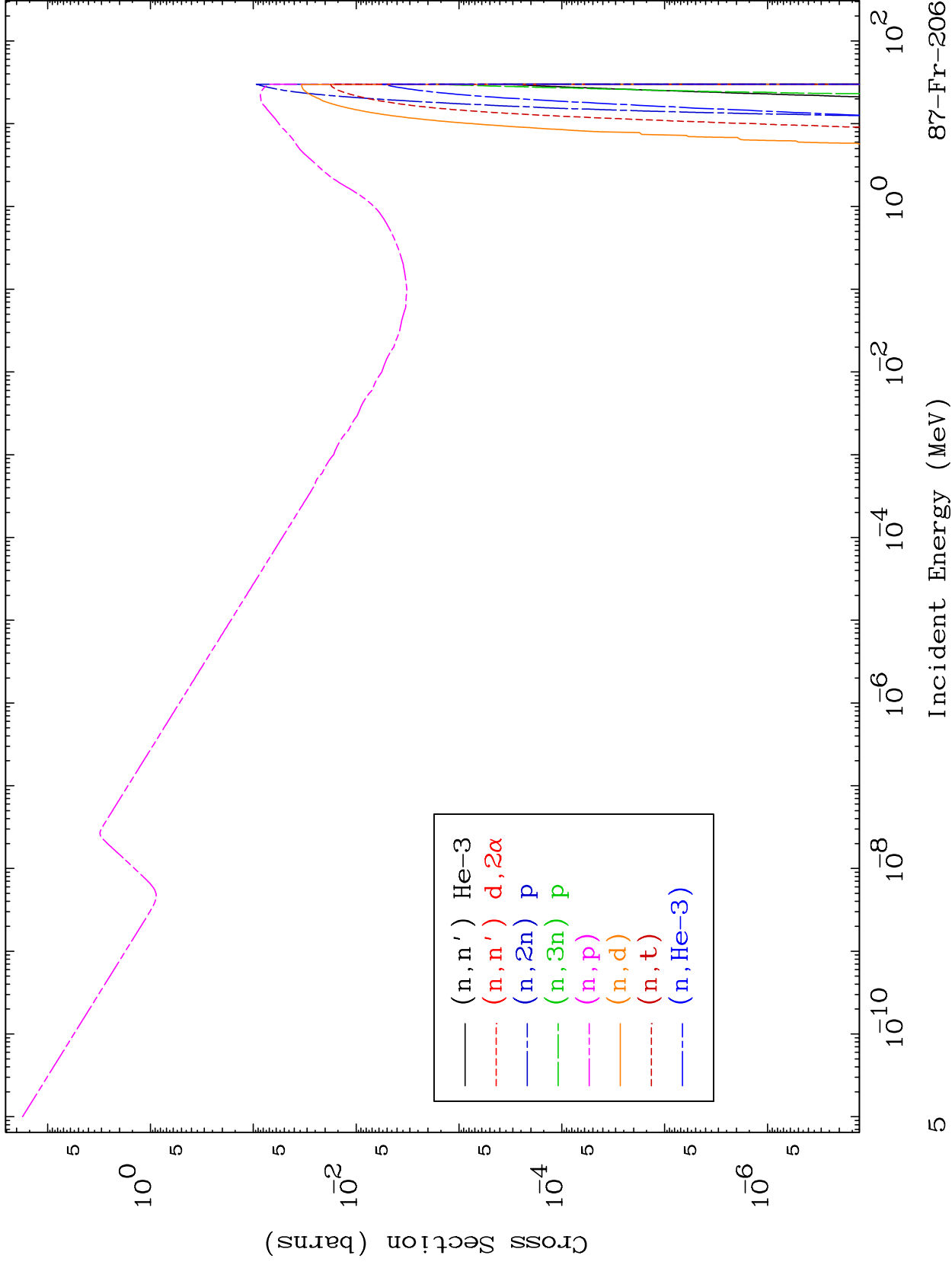
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MAT 8708

Charged Particle
293 Kelvin Cross Sections

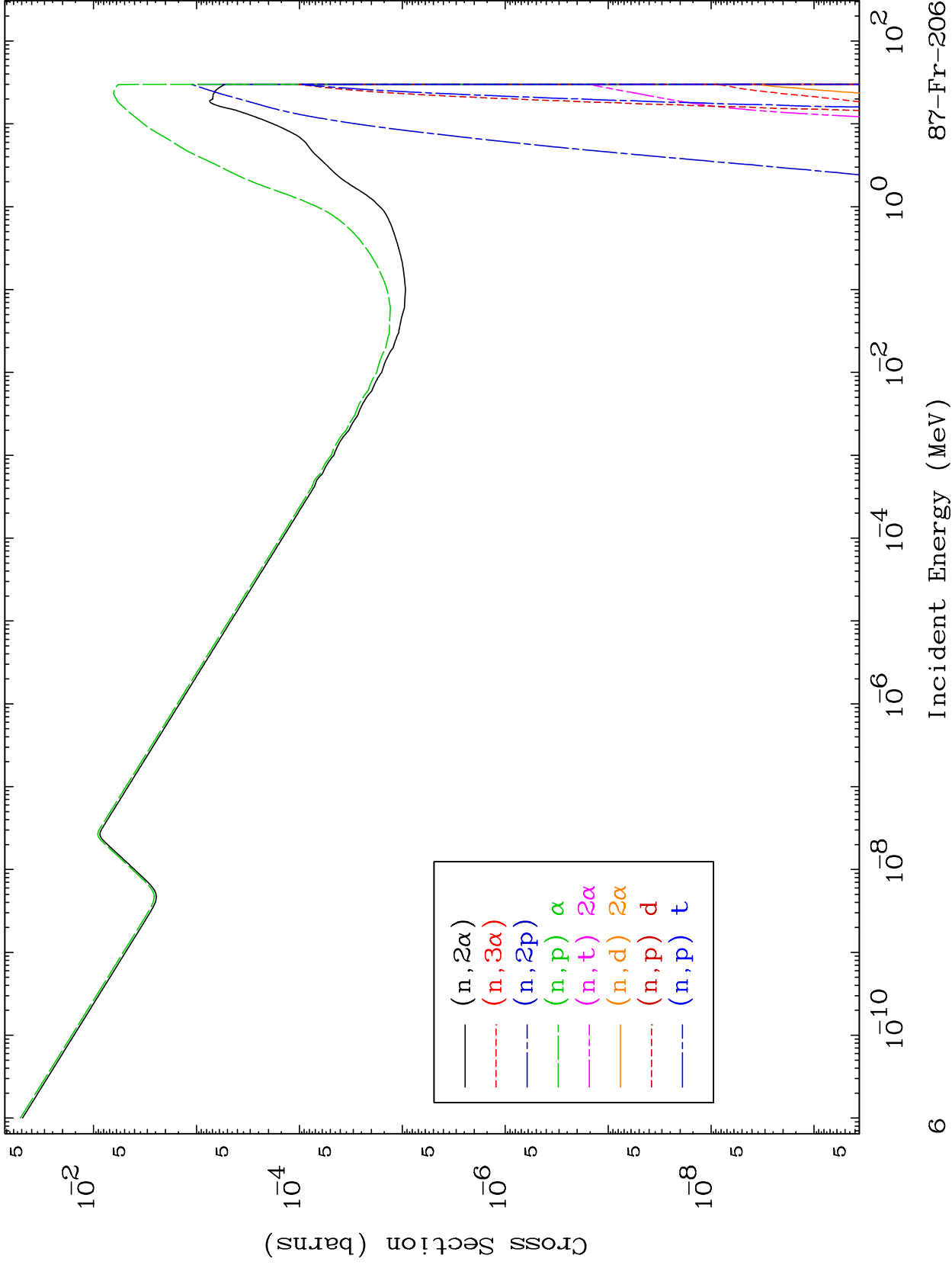
87-Fr-206



MAT 8708

Charged Particle
293 Kelvin Cross Sections

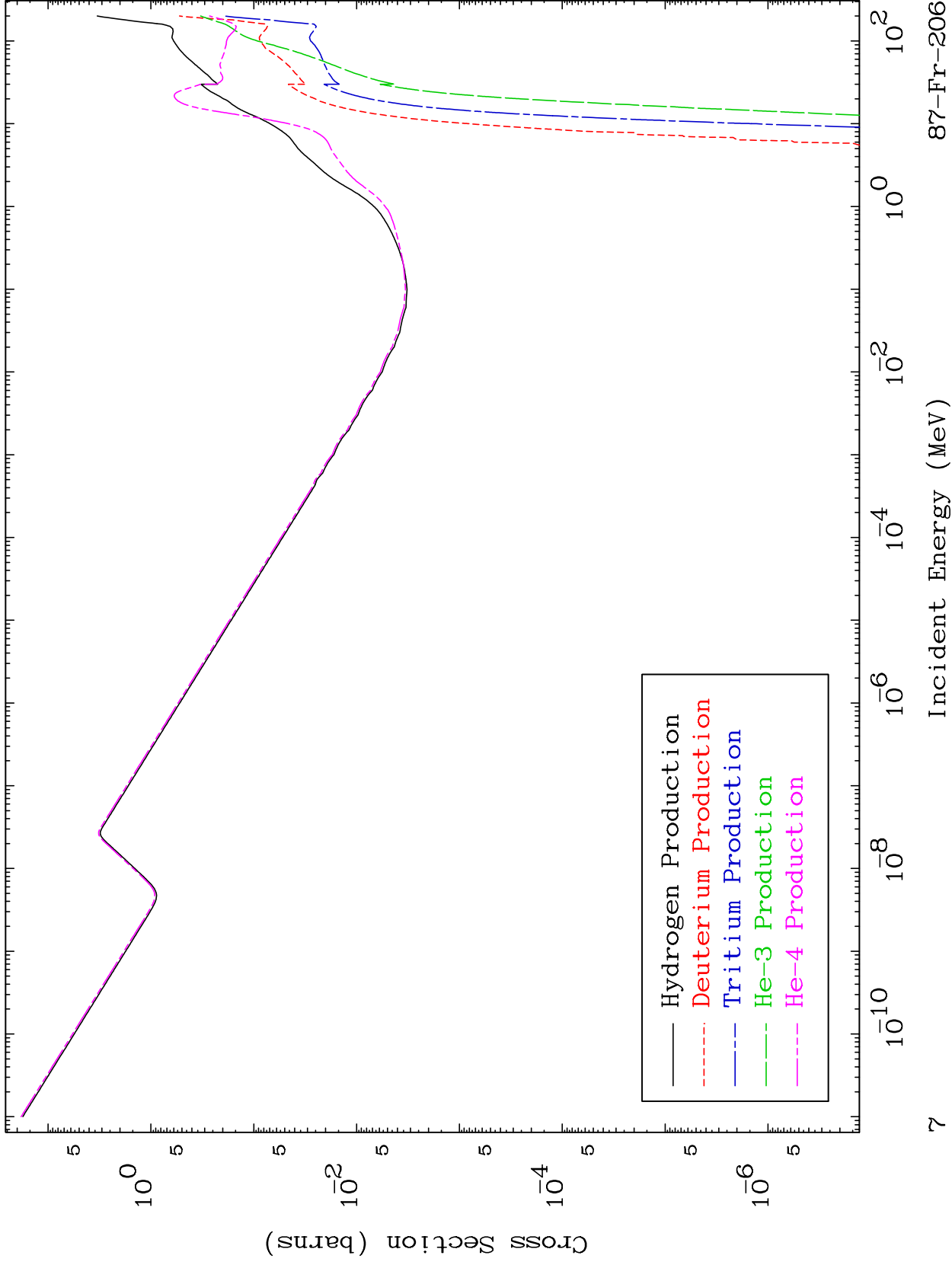
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Particle Production
293 Kelvin Cross Sections

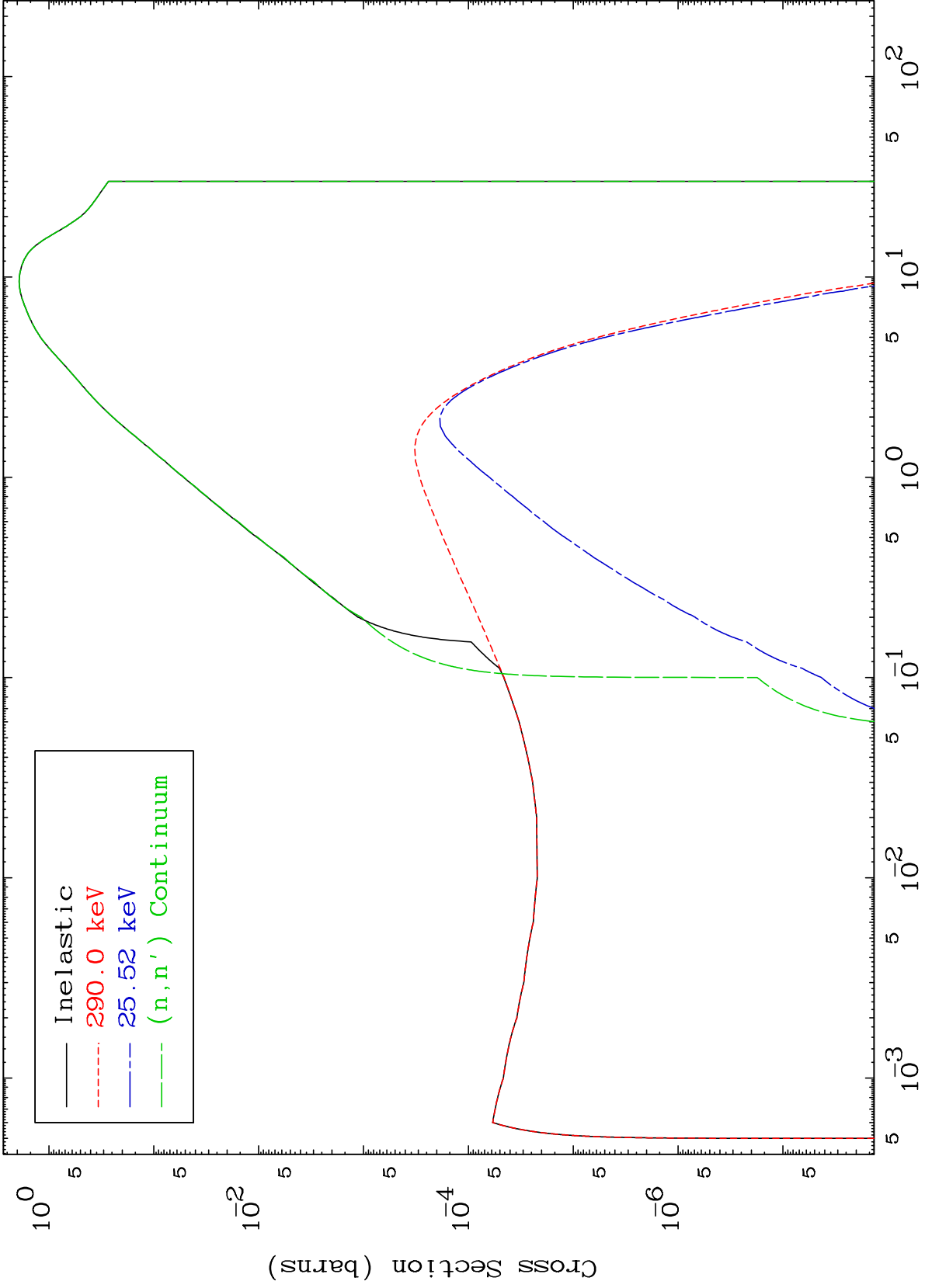
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293 Kelvin Cross Sections
(n,n') Level

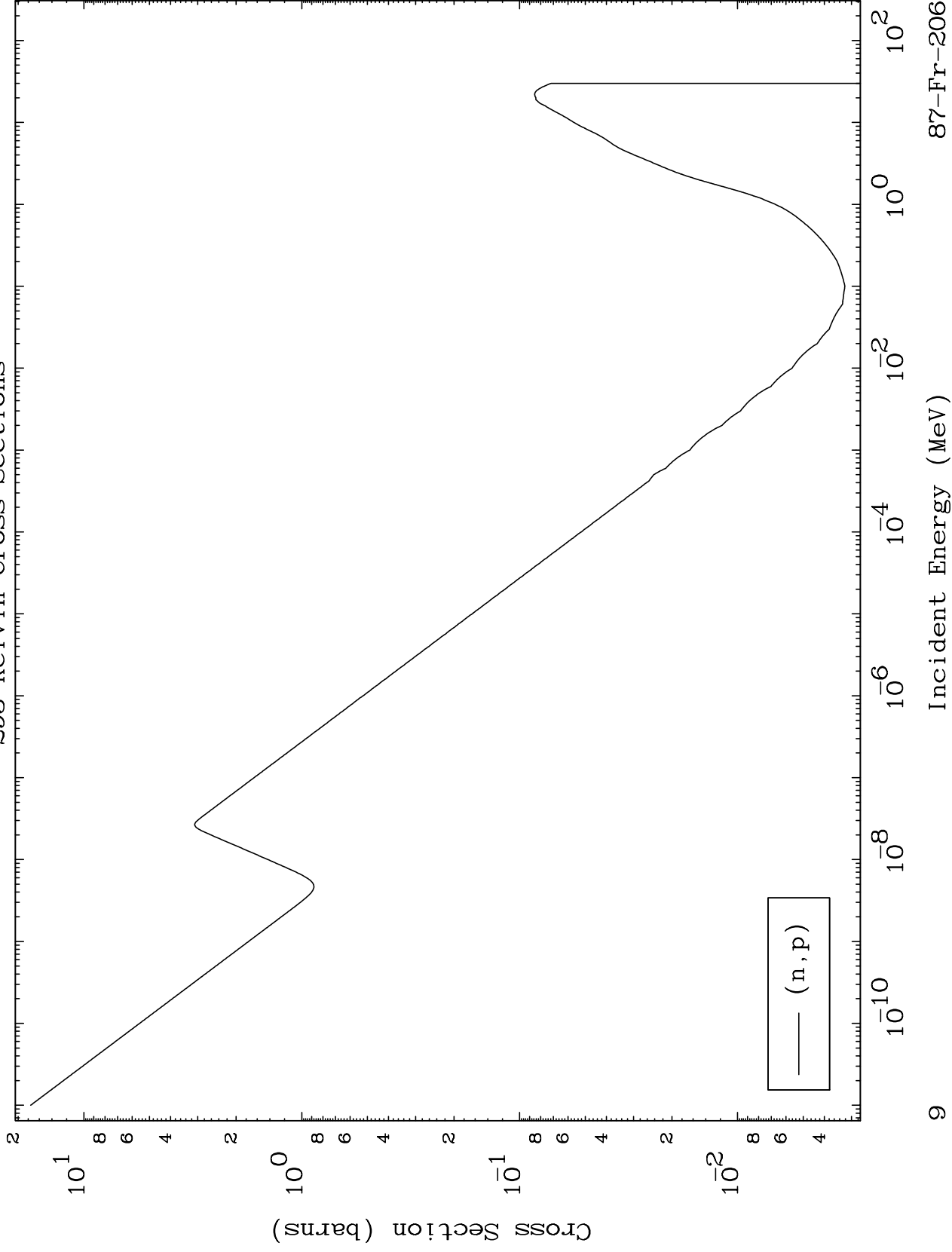
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(n,p) Levels
293 Kelvin Cross Sections

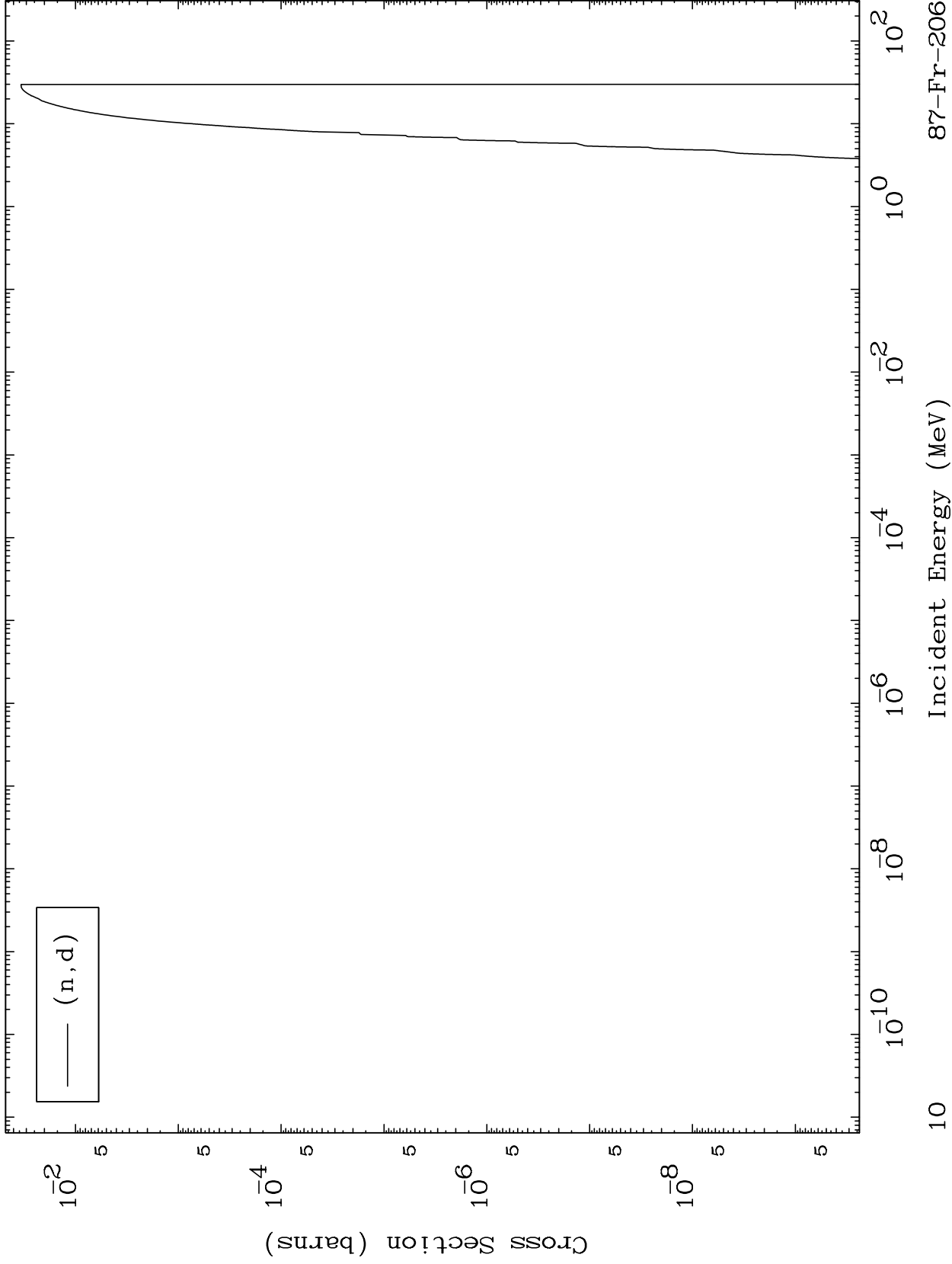
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(n,d) Levels
293 Kelvin Cross Sections

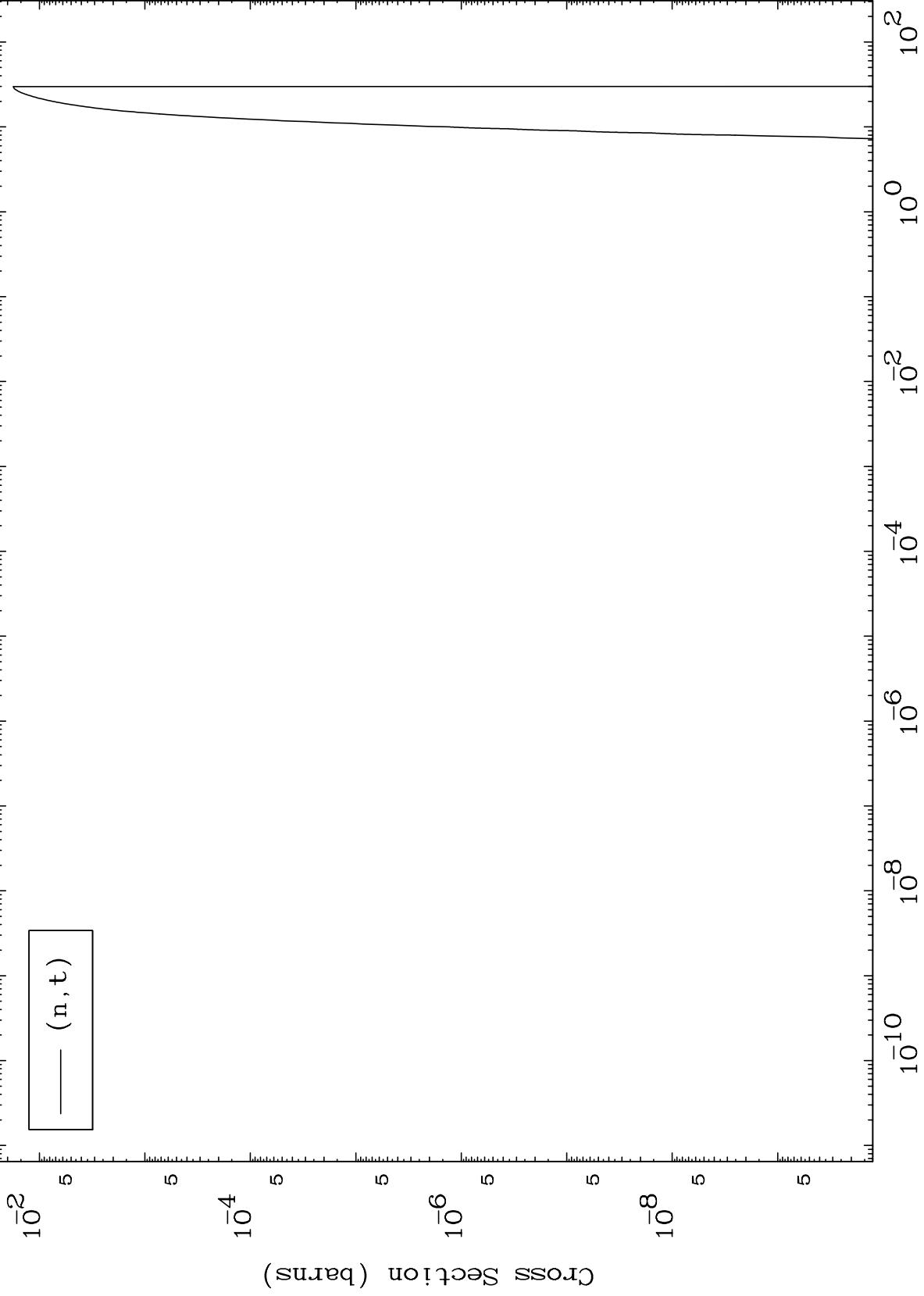
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(n,t) Levels
293 Kelvin Cross Sections

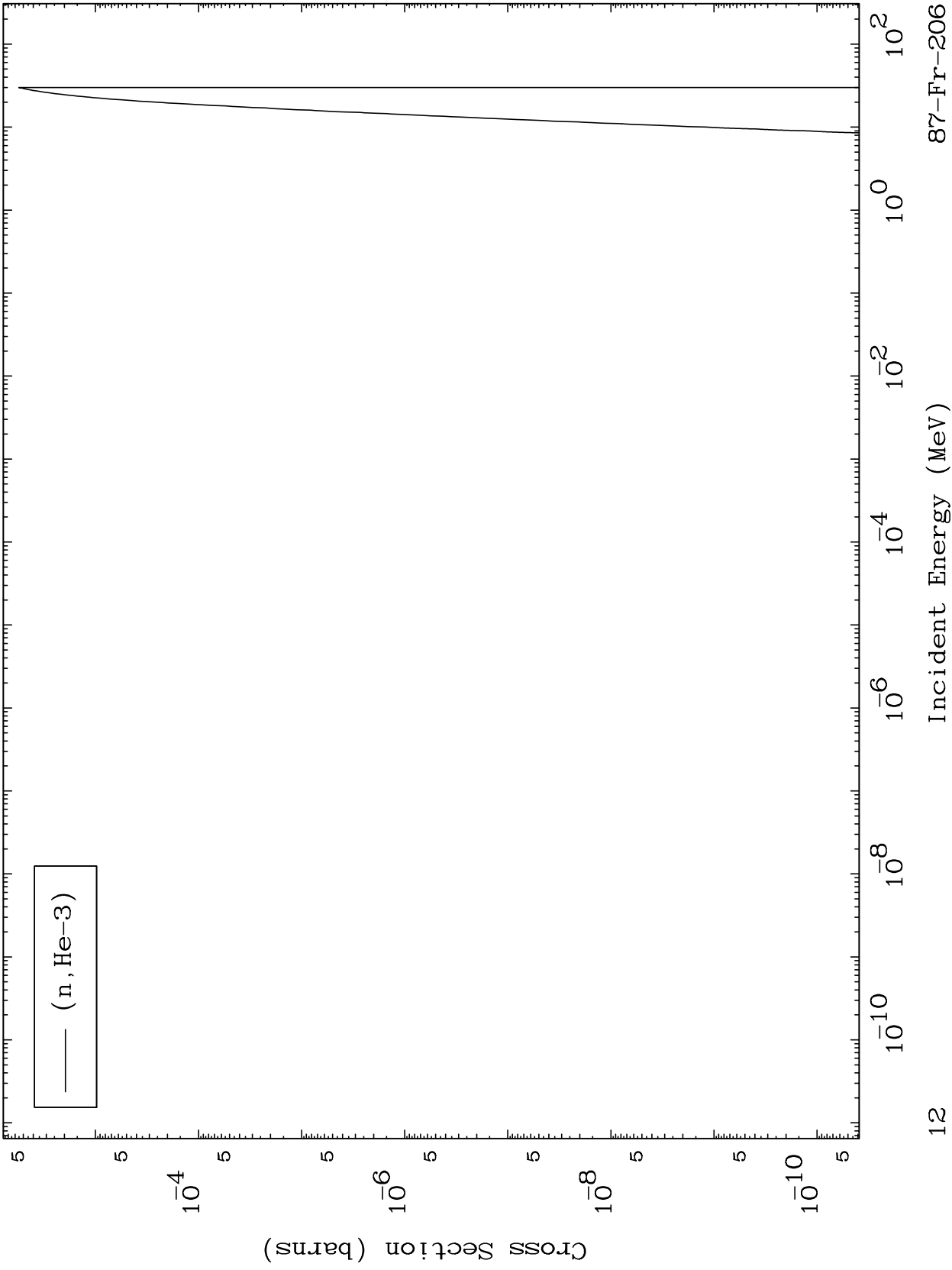
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(n,He3) Levels
293 Kelvin Cross Sections

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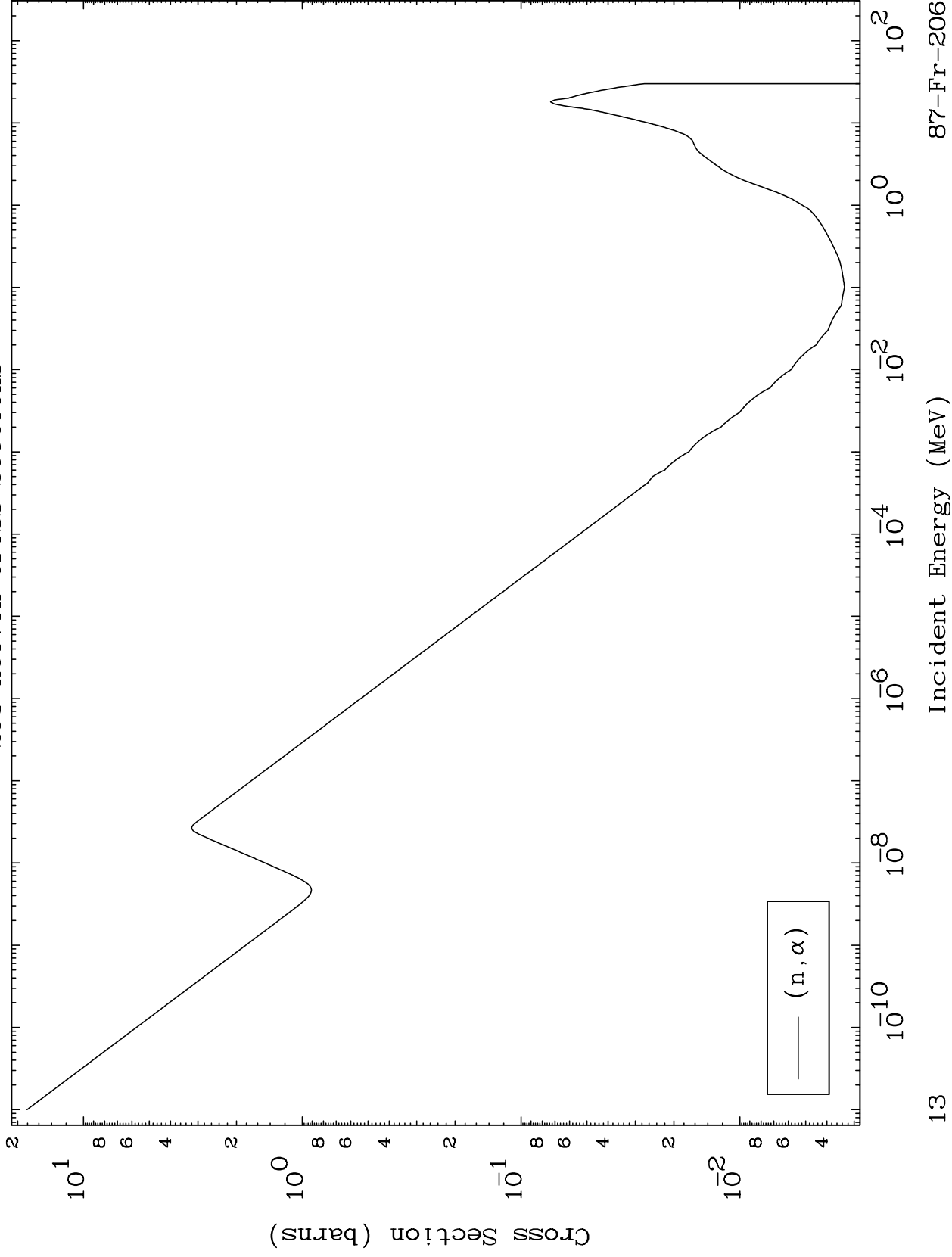
Incident Energy (MeV)

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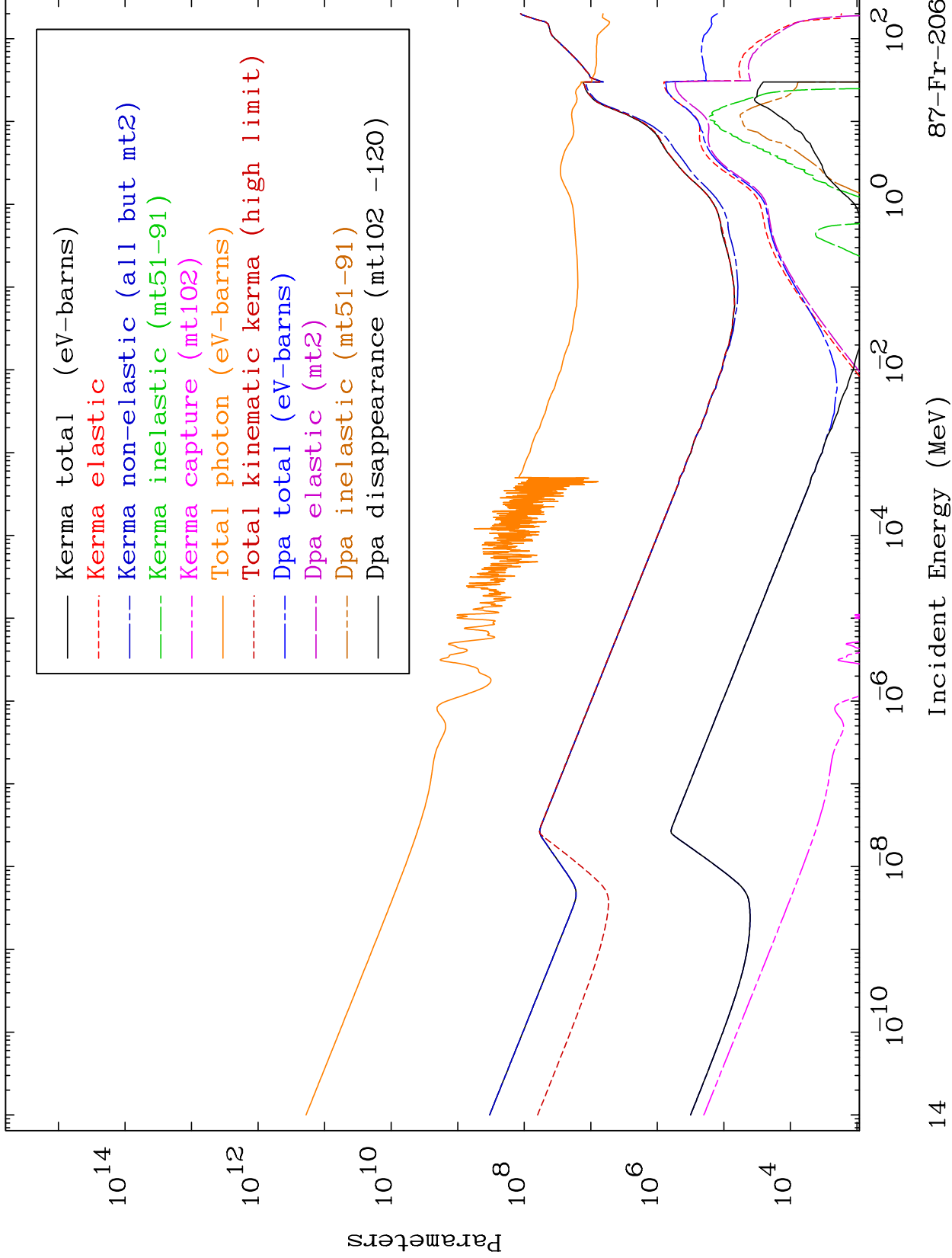
(n,α) Levels
293 Kelvin Cross Sections

87-Fr-206



13

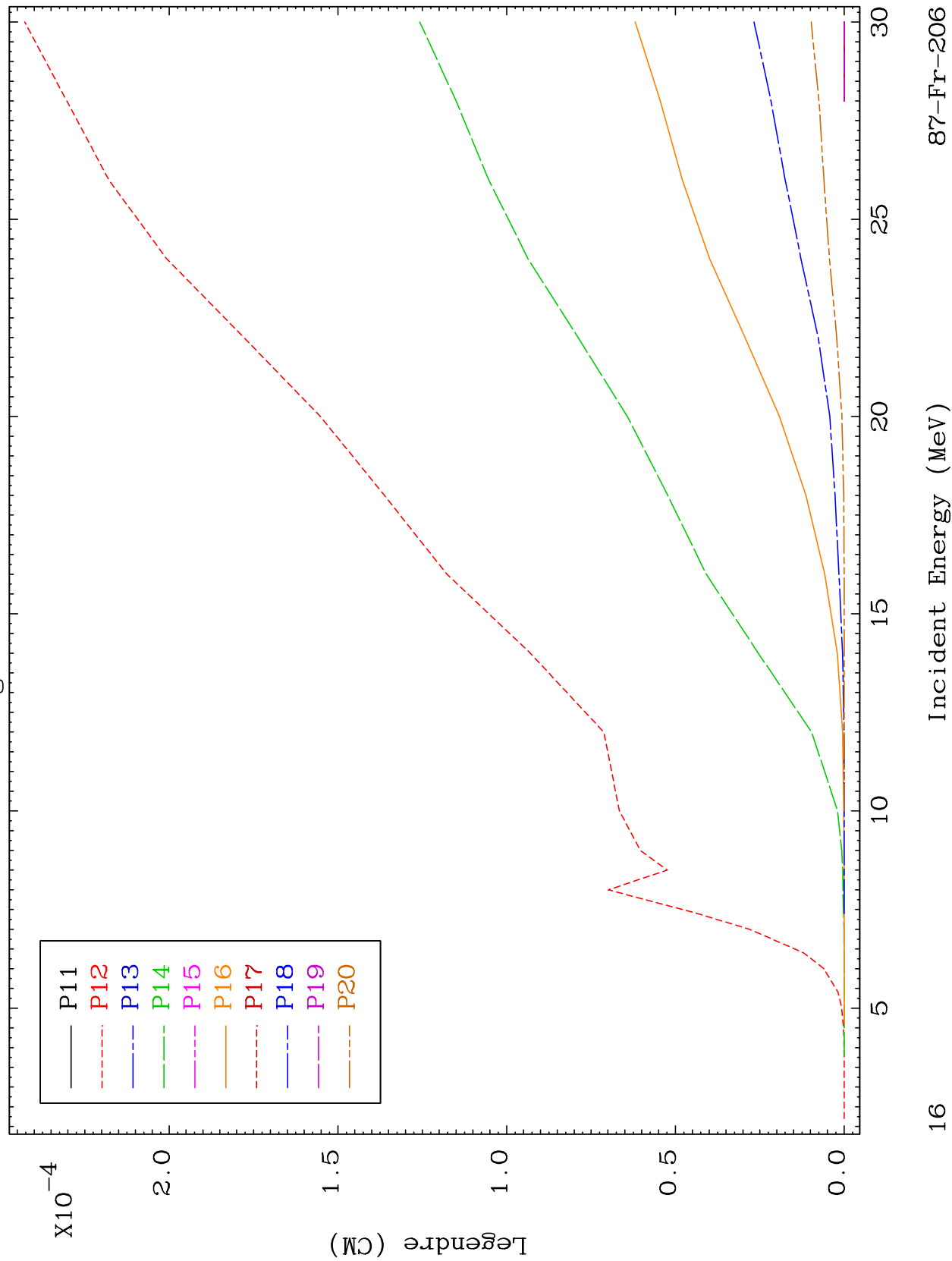
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Elastic Legendre Coefficients

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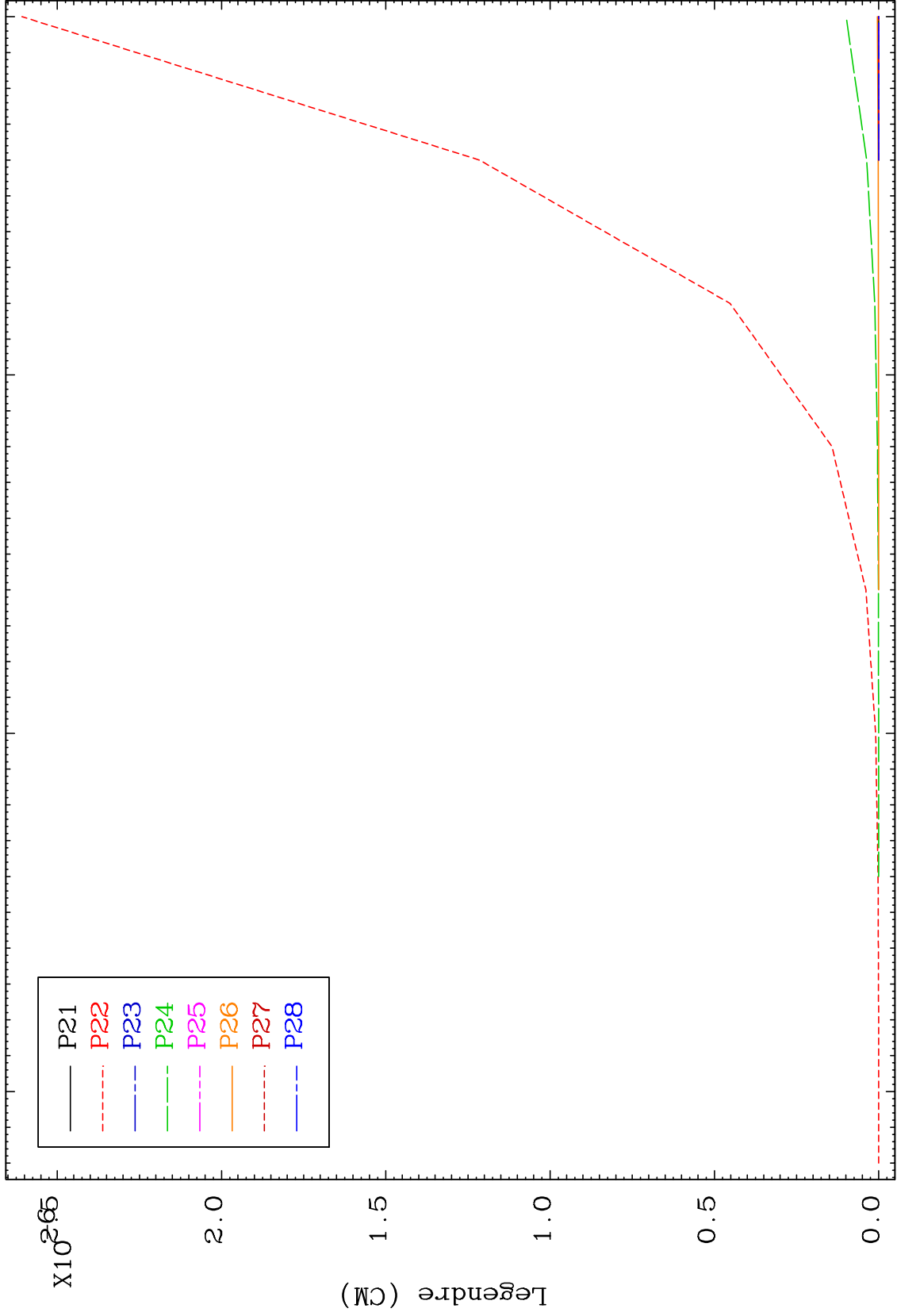
16

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Elastic
Legendre Coefficients

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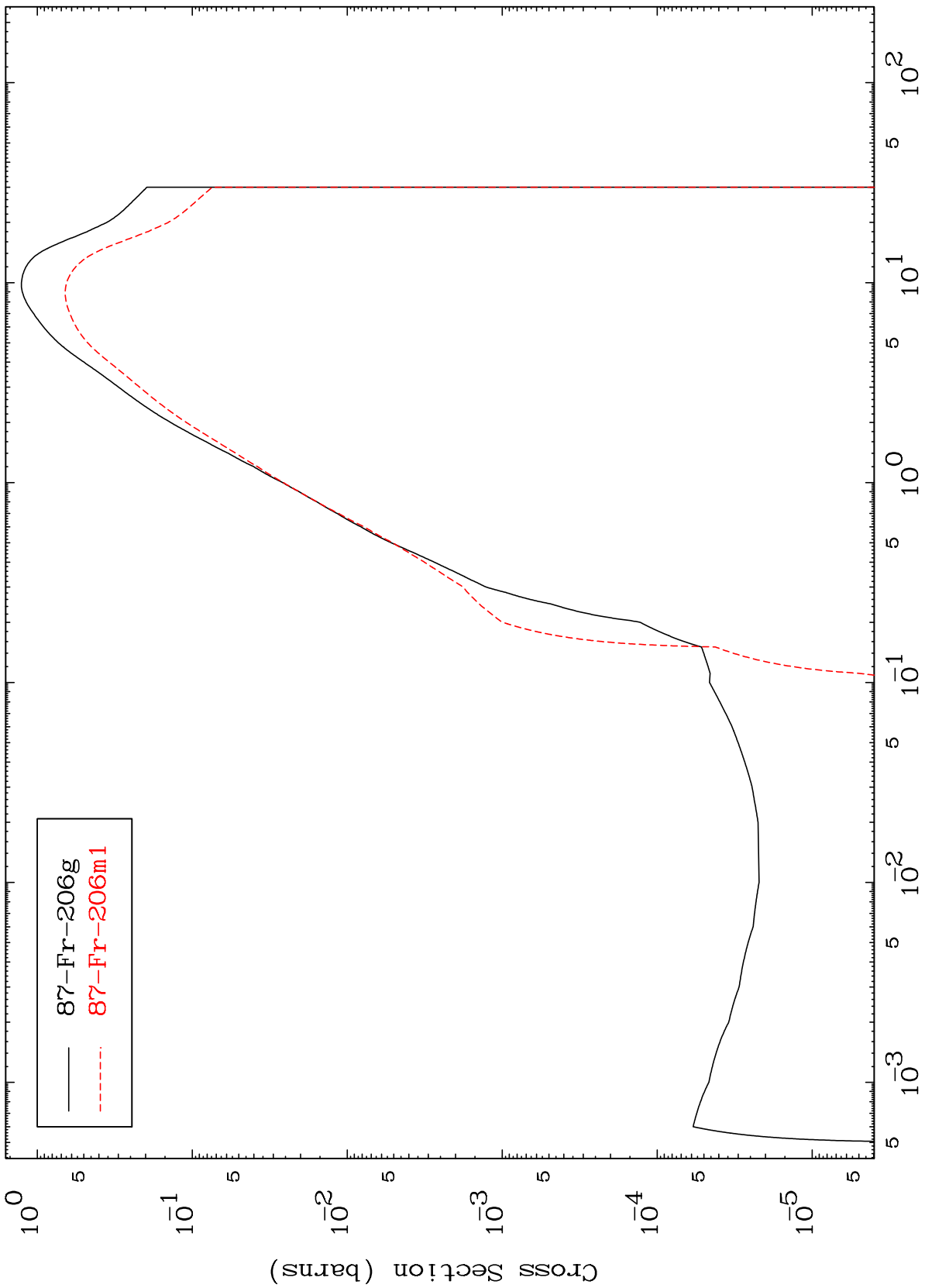
Incident Energy (MeV)

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Inelastic
Radionuclide Production Cross Section

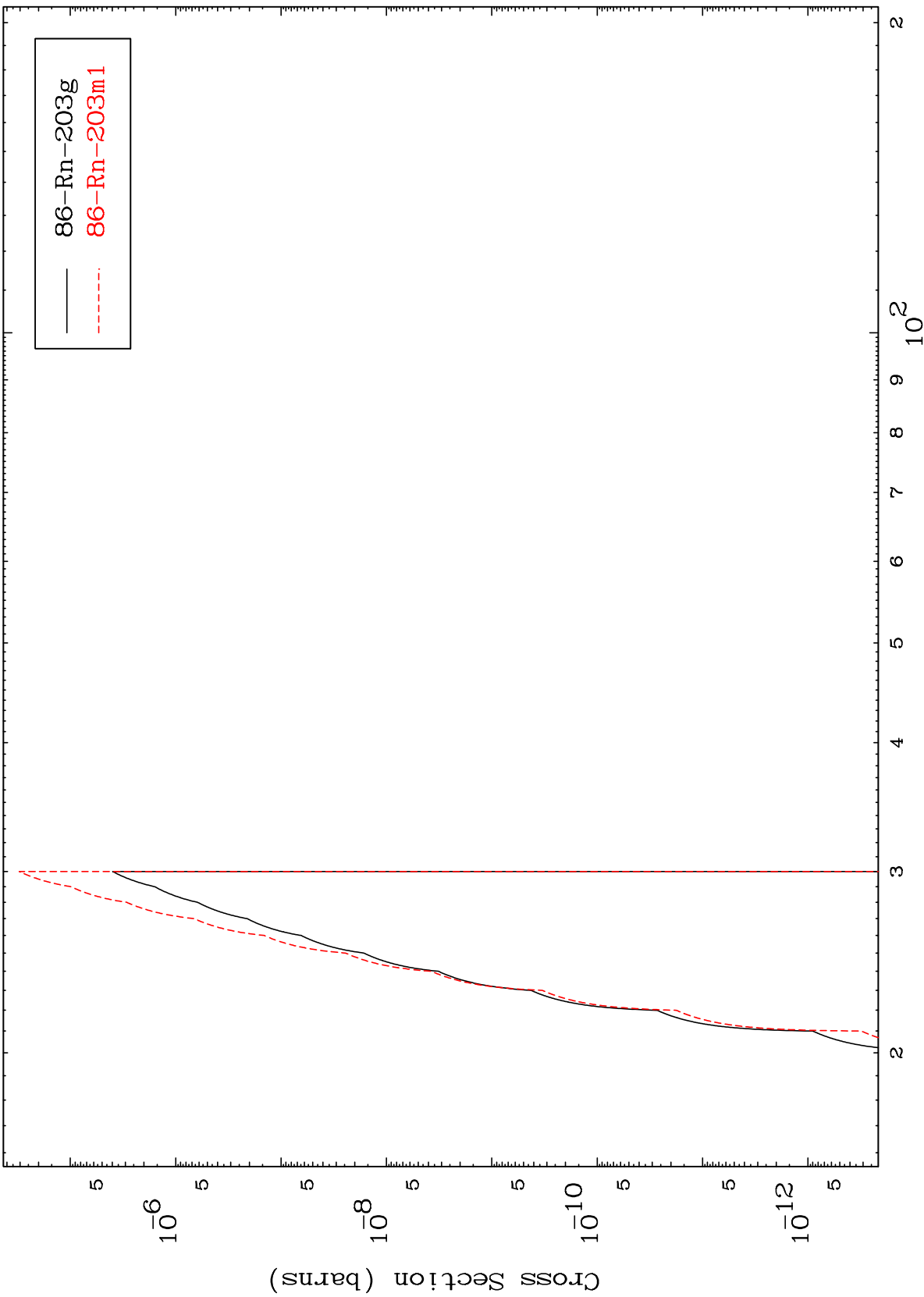


18

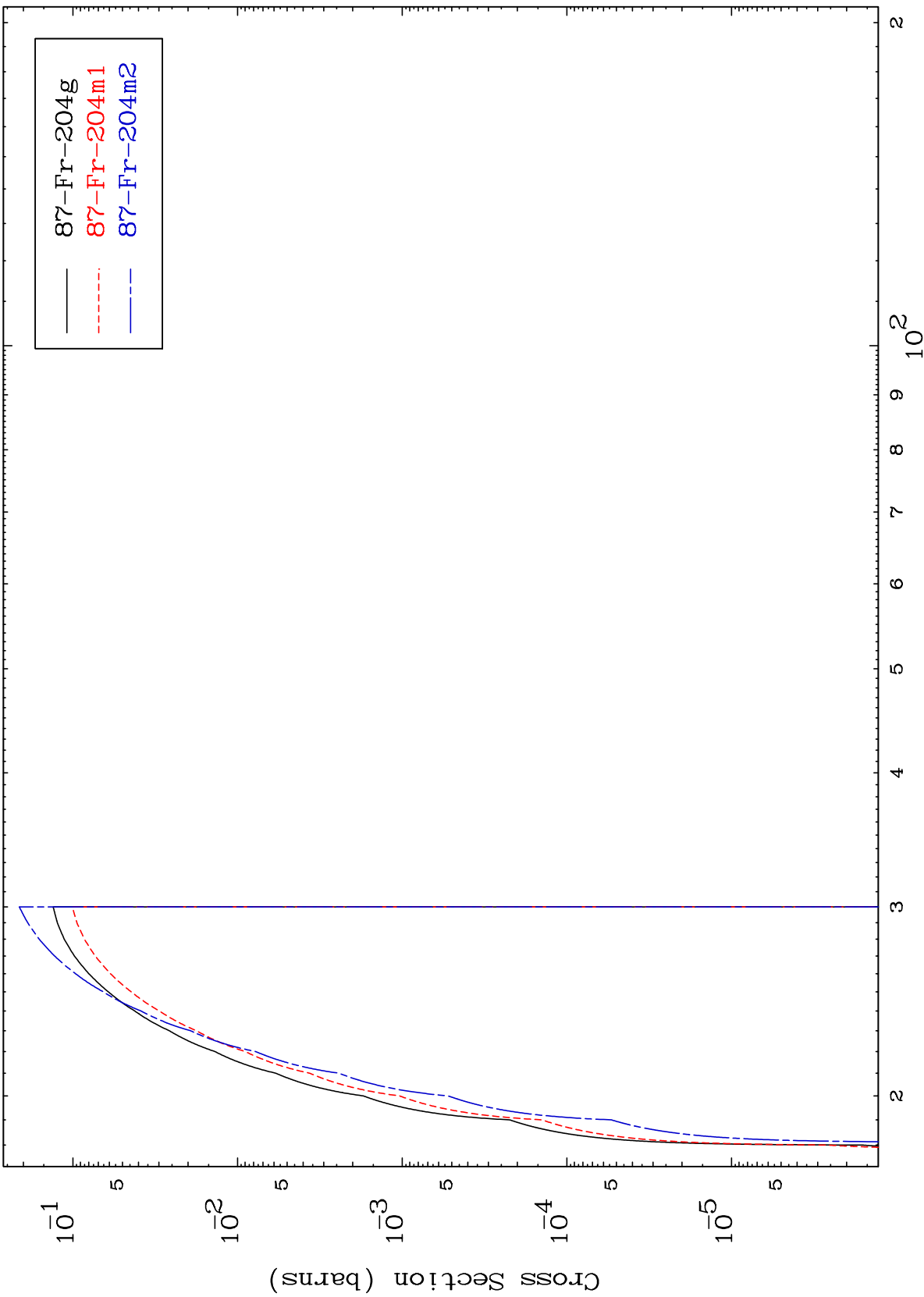
Incident Energy (MeV)

87-Fr-206

Radionuclide Production Cross Section



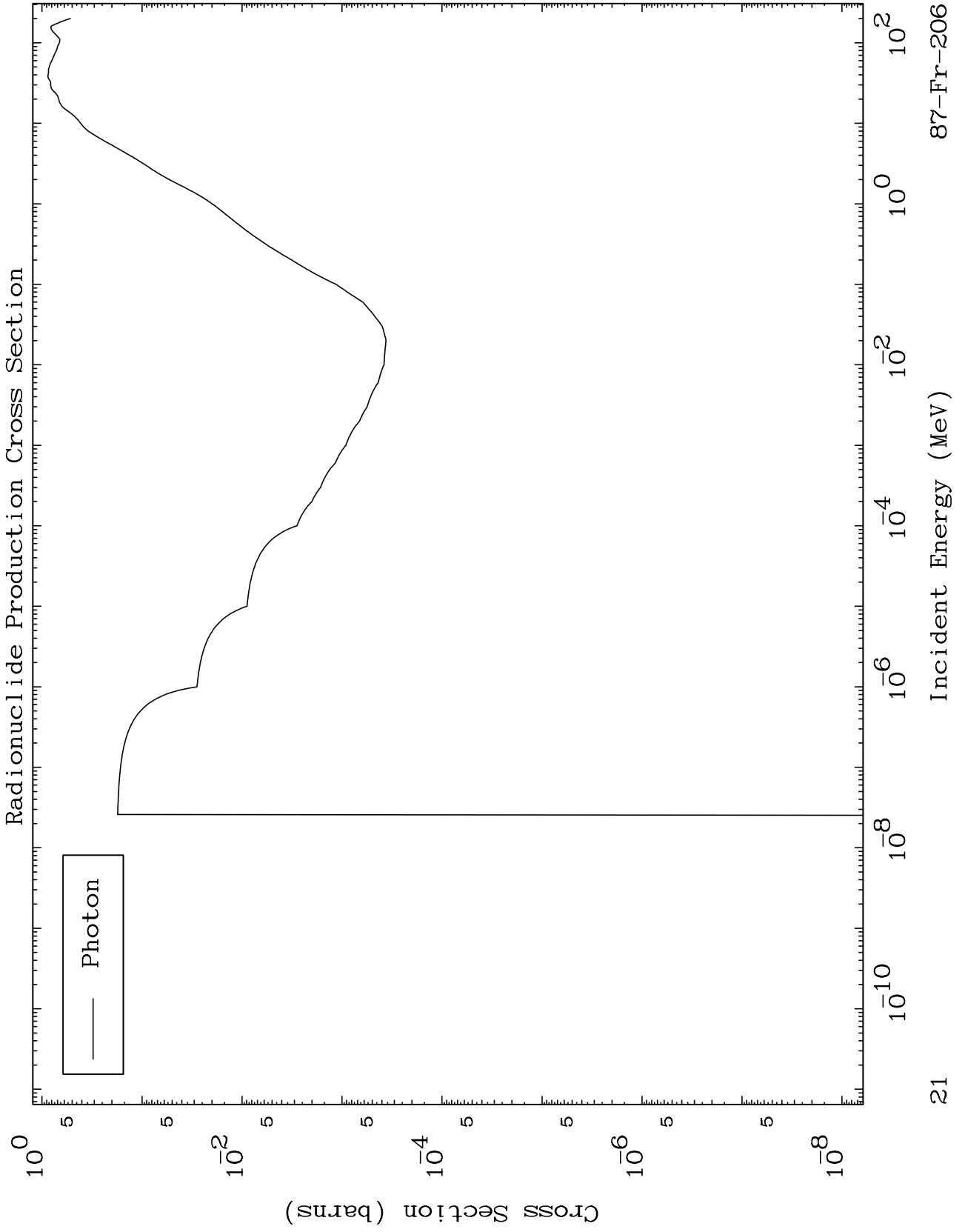
(n,3n)
Radionuclide Production Cross Section



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Fission

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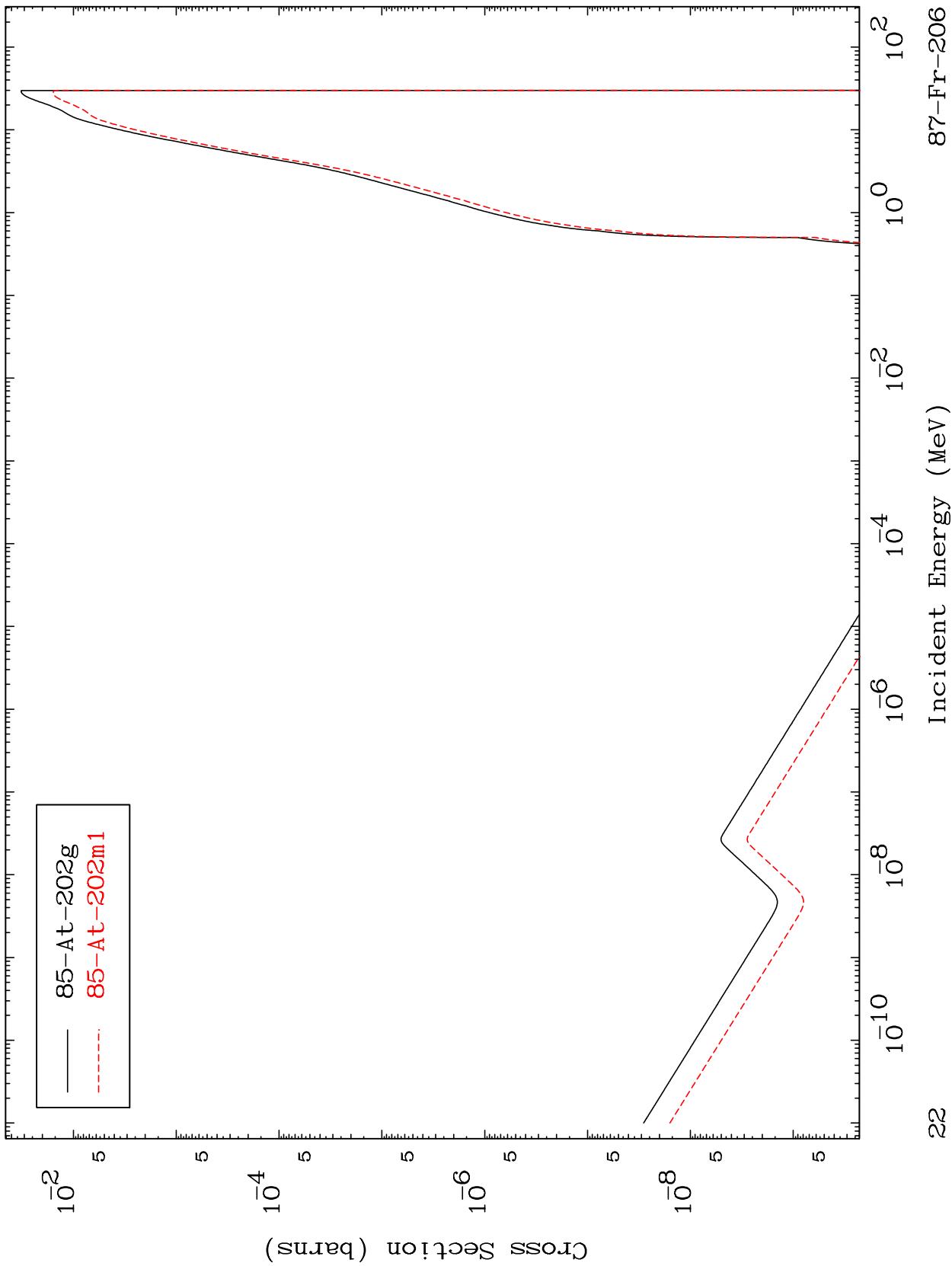


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$(n, n') \alpha$

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Radionuclide Production Cross Section

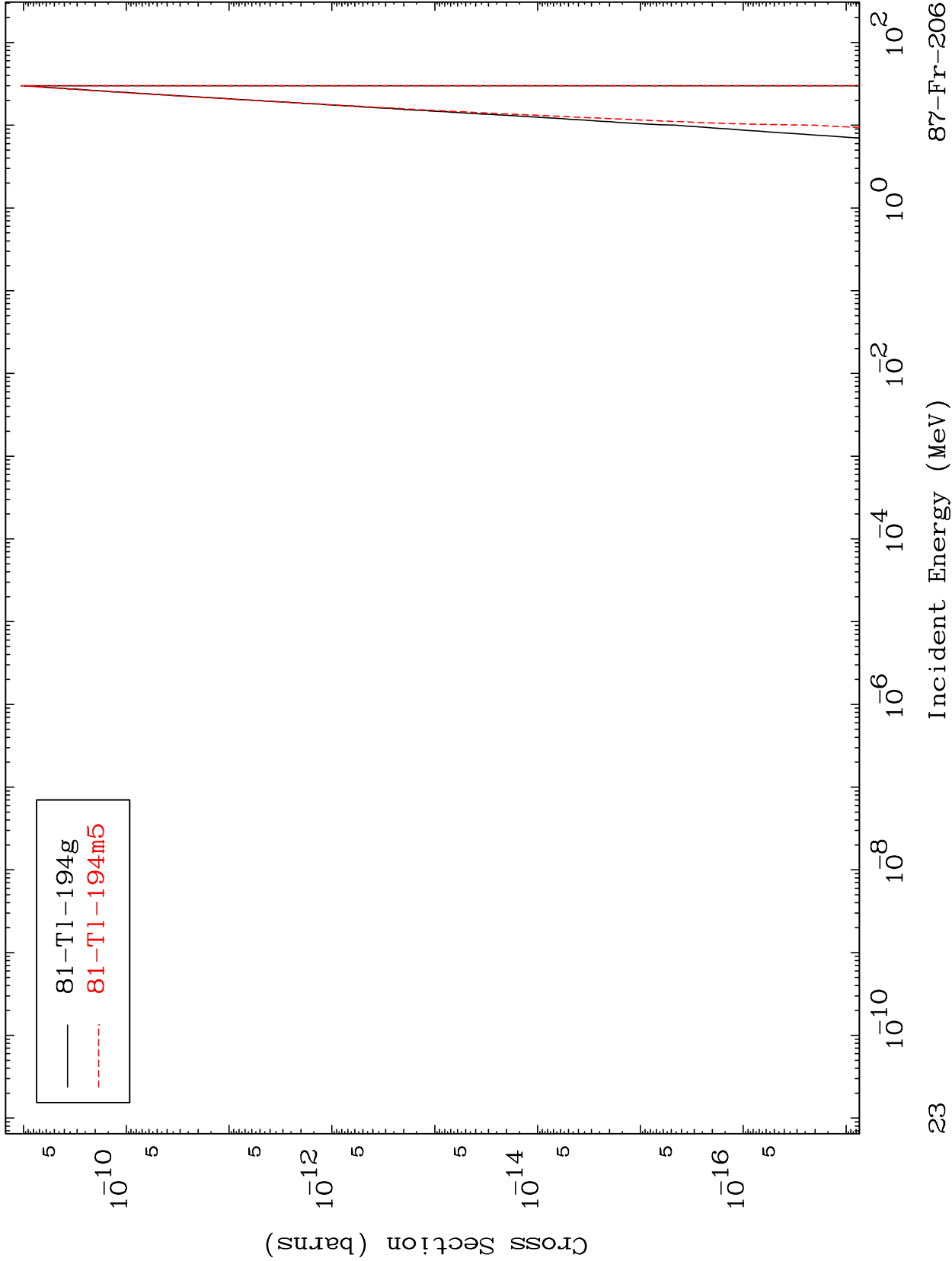


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(n,n') 3 α

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Radionuclide Production Cross Section



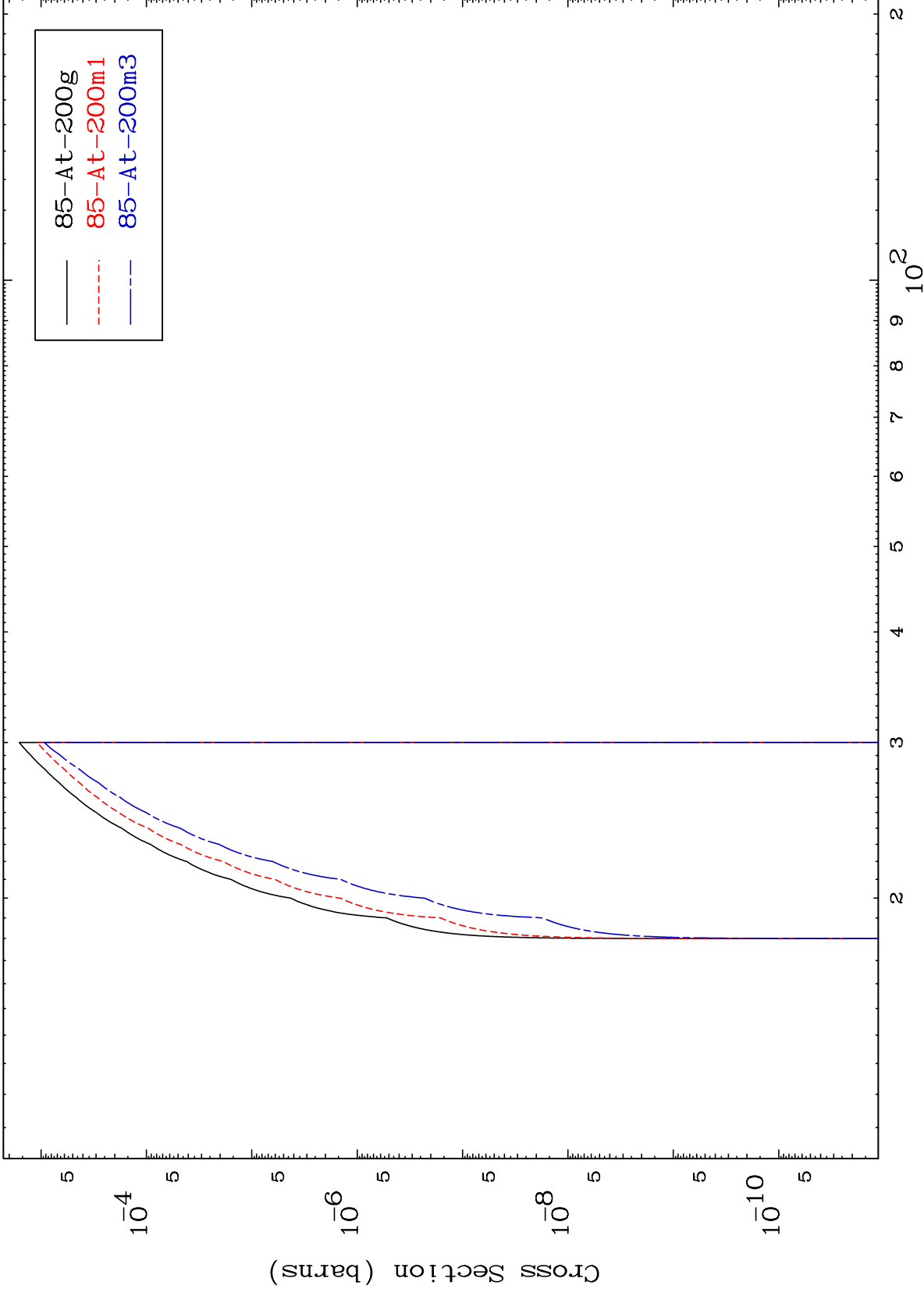
81-Tl-194g
81-Tl-194m5

MAT 8708

$(n,3n) \alpha$

87-Fr-206

Radionuclide Production Cross Section



24

Incident Energy (MeV)

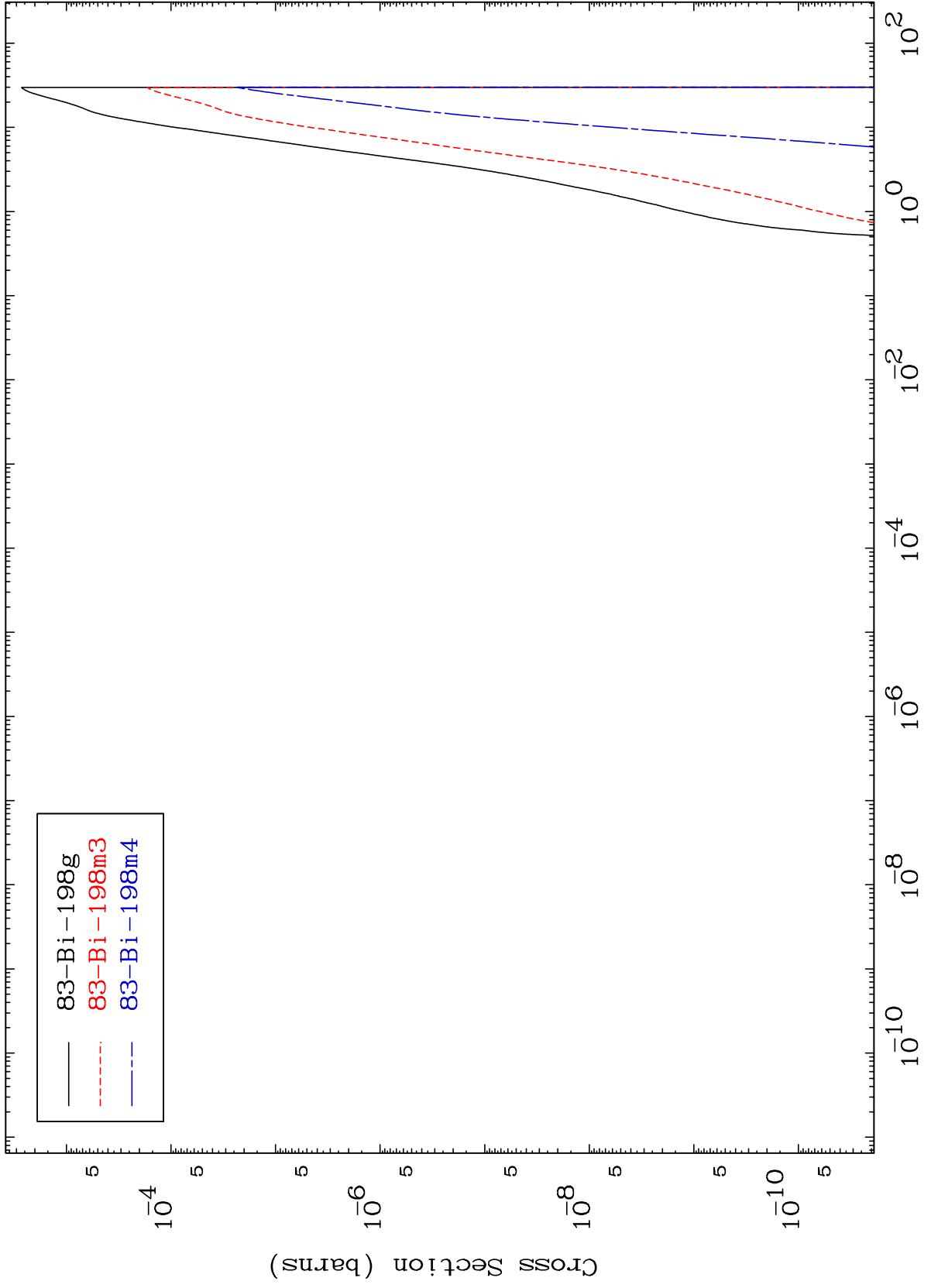
87-Fr-206

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(n,n') 2 α

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Radionuclide Production Cross Section



25

Incident Energy (MeV)

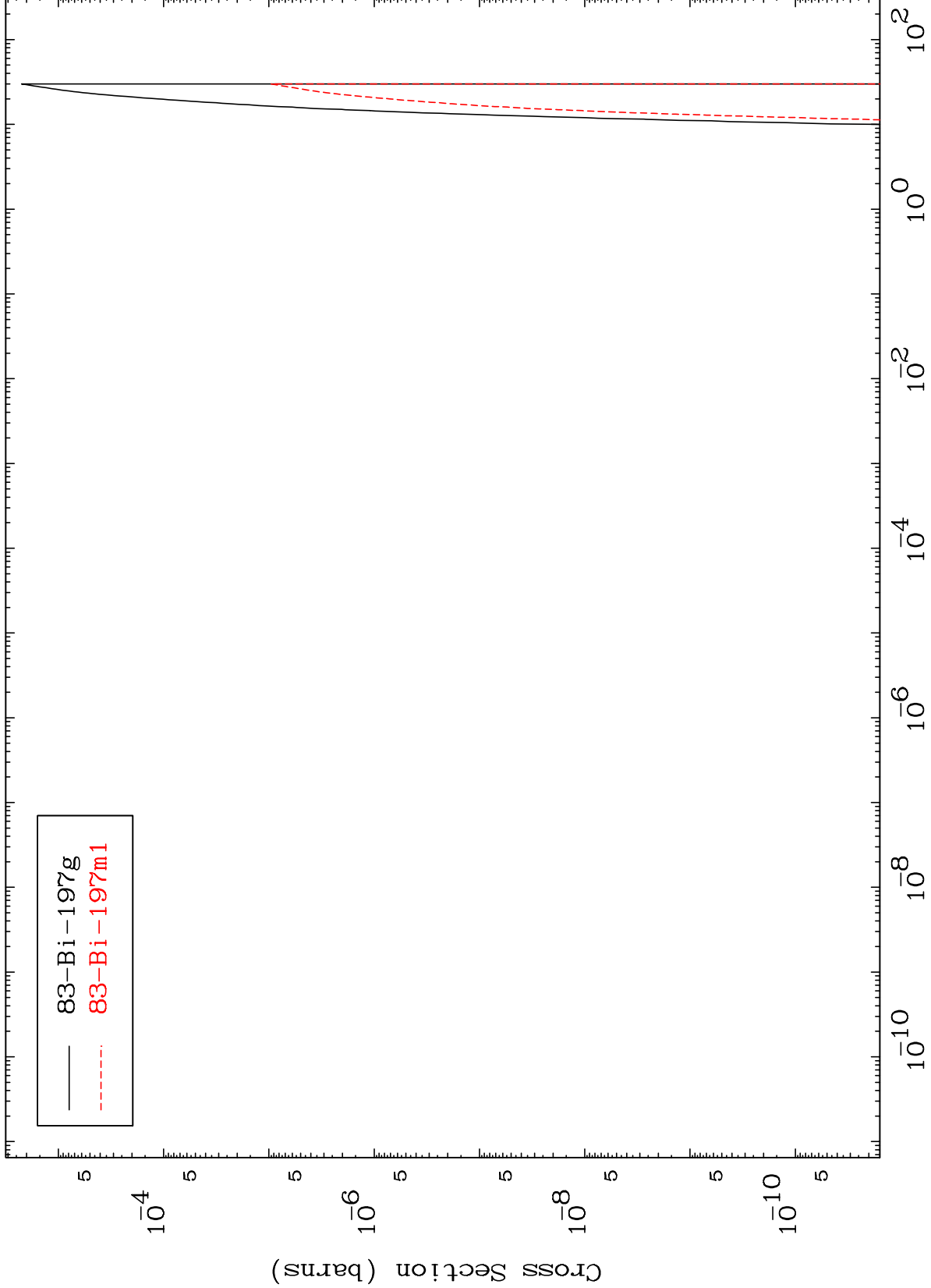
87-Fr-206

MAT 8708

(n,2n) 2 α

87-Fr-206

Radionuclide Production Cross Section



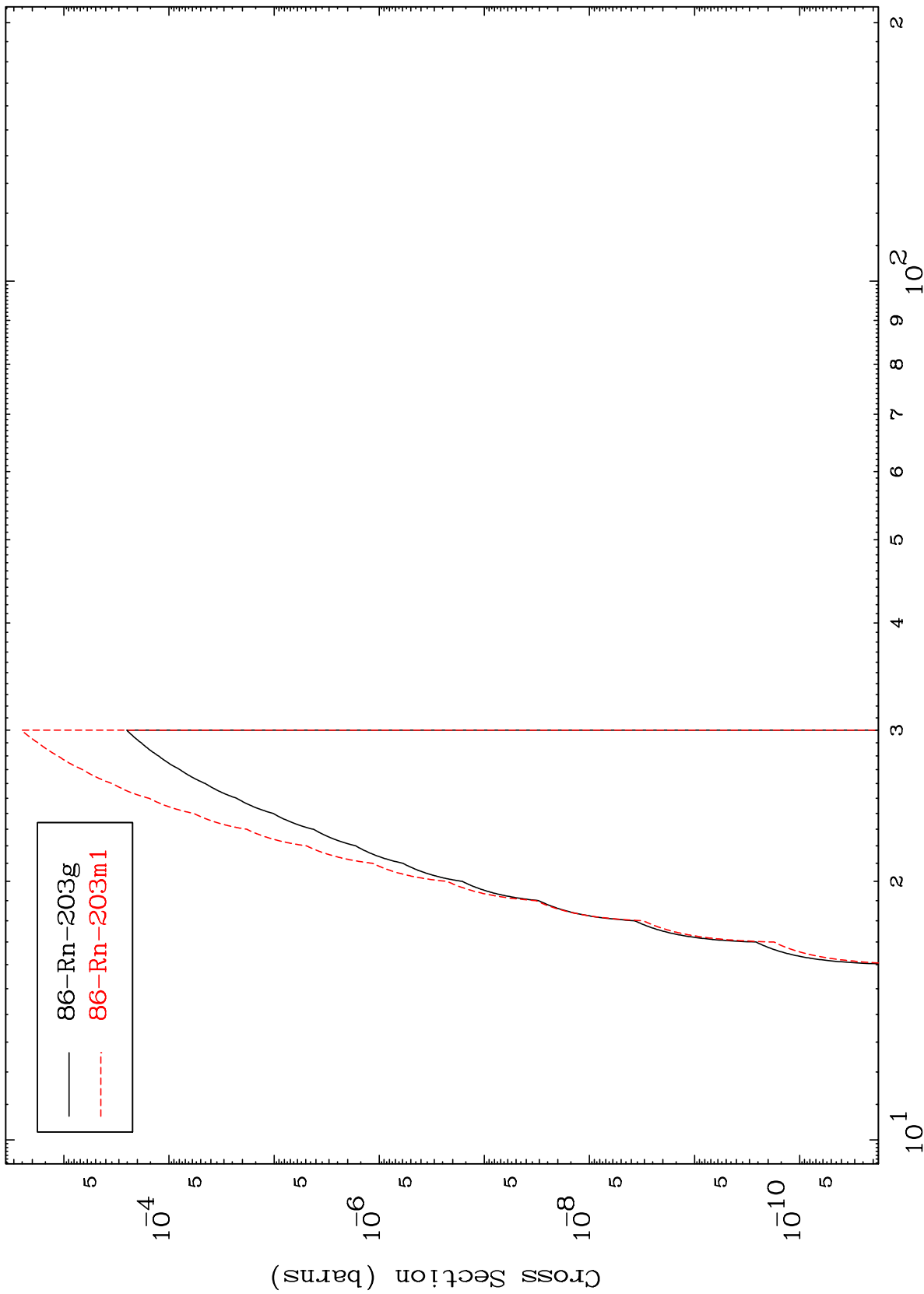
83-Bi-197g
83-Bi-197m1

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(n,n') t

87-Fr-206

Radionuclide Production Cross Section



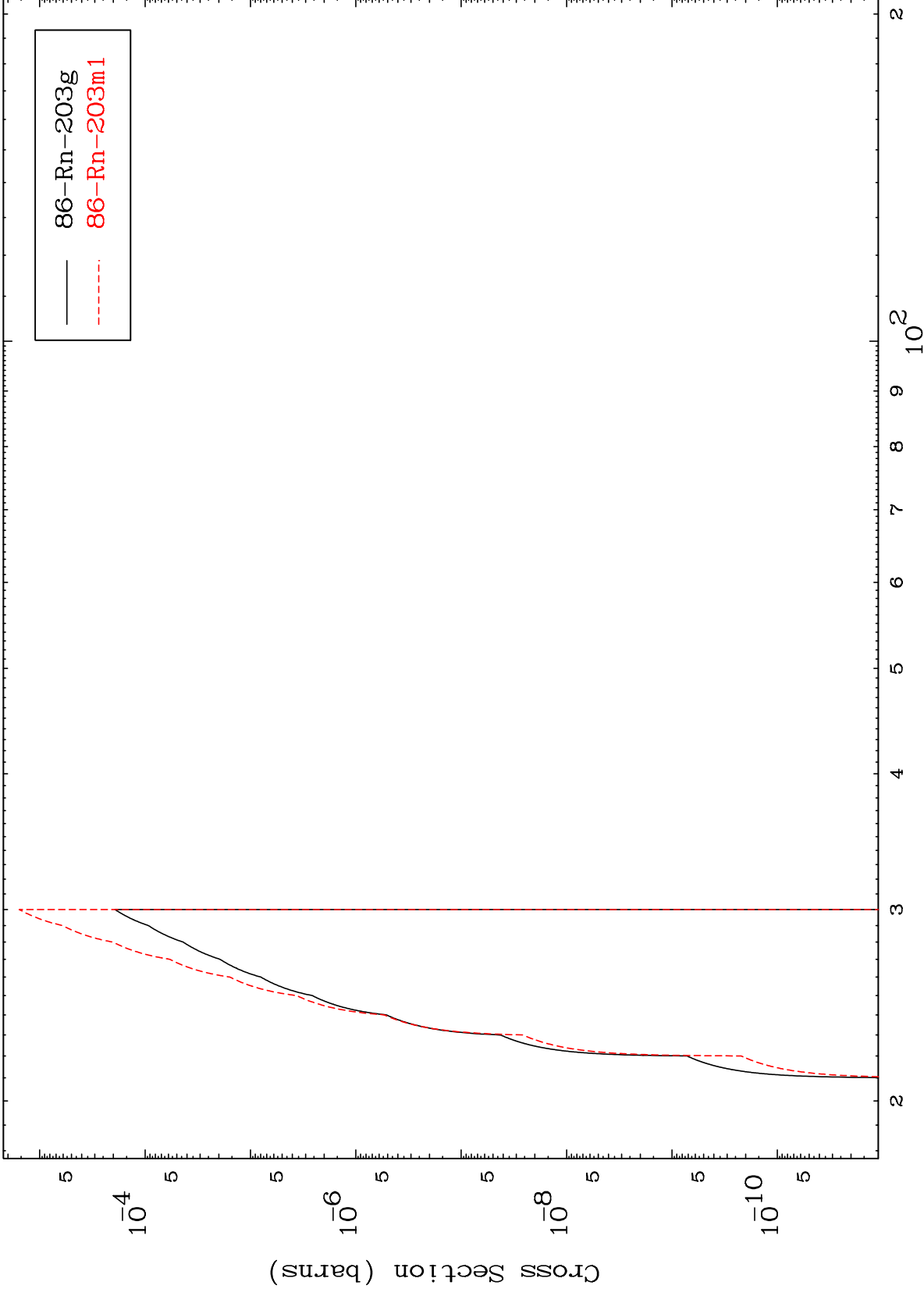
86-Rn-203g
86-Rn-203m1

27

Incident Energy (MeV)

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Radionuclide Production Cross Section



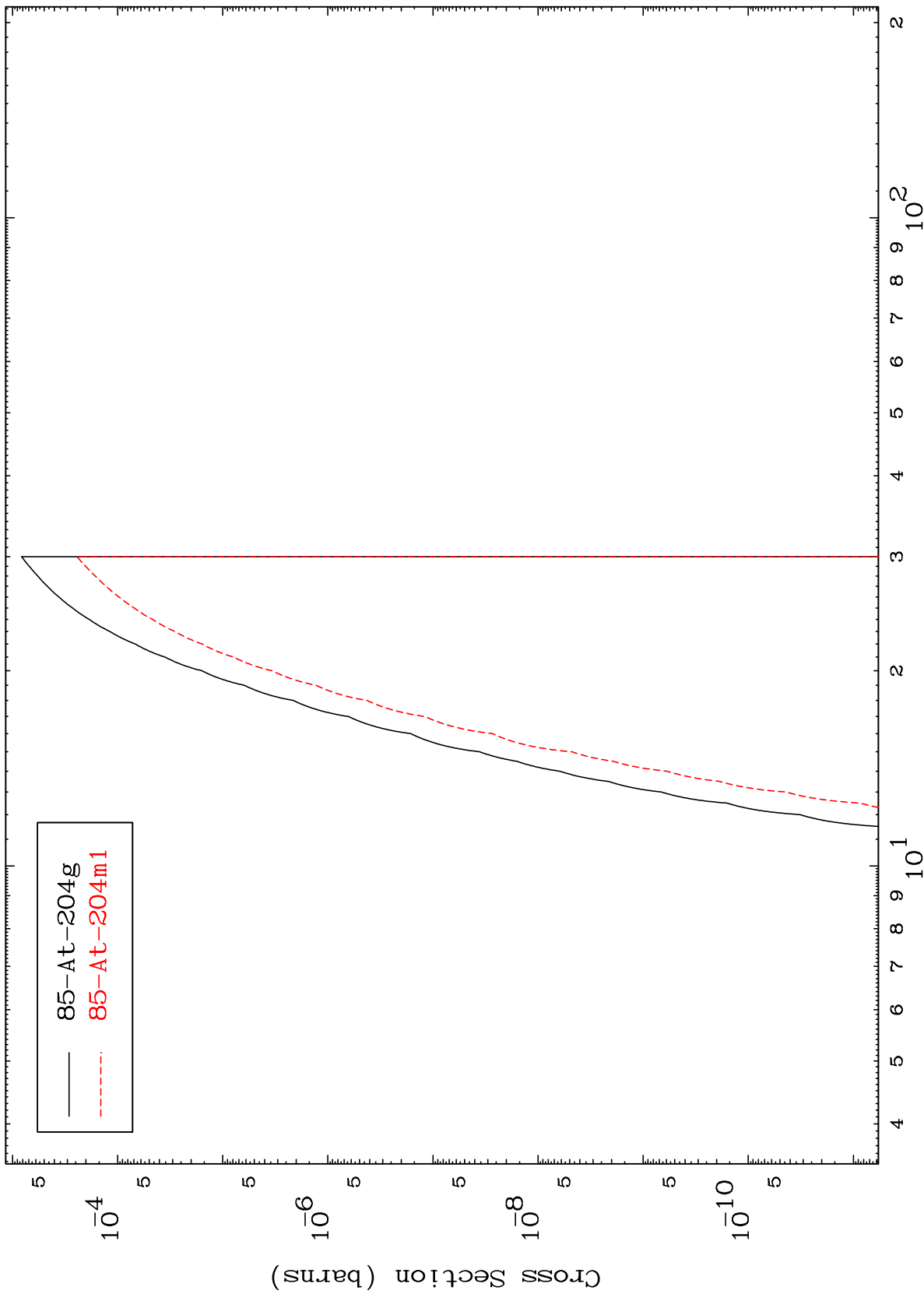
86-Rn-203g
86-Rn-203m1

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(n,2n) p

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Radionuclide Production Cross Section



29

Incident Energy (MeV)

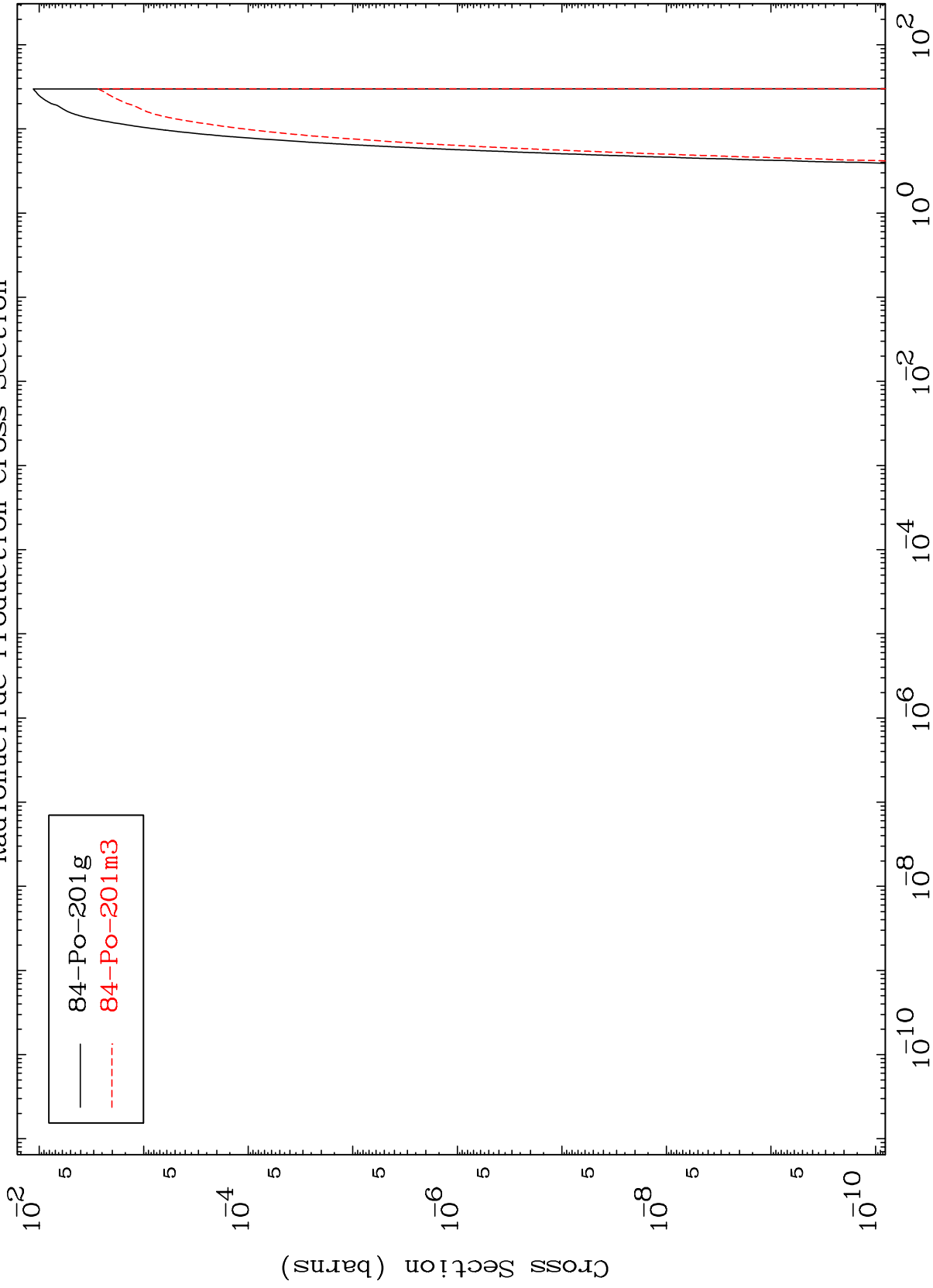
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MAT 8708

(n,n') p α

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Radionuclide Production Cross Section



30

Incident Energy (MeV)

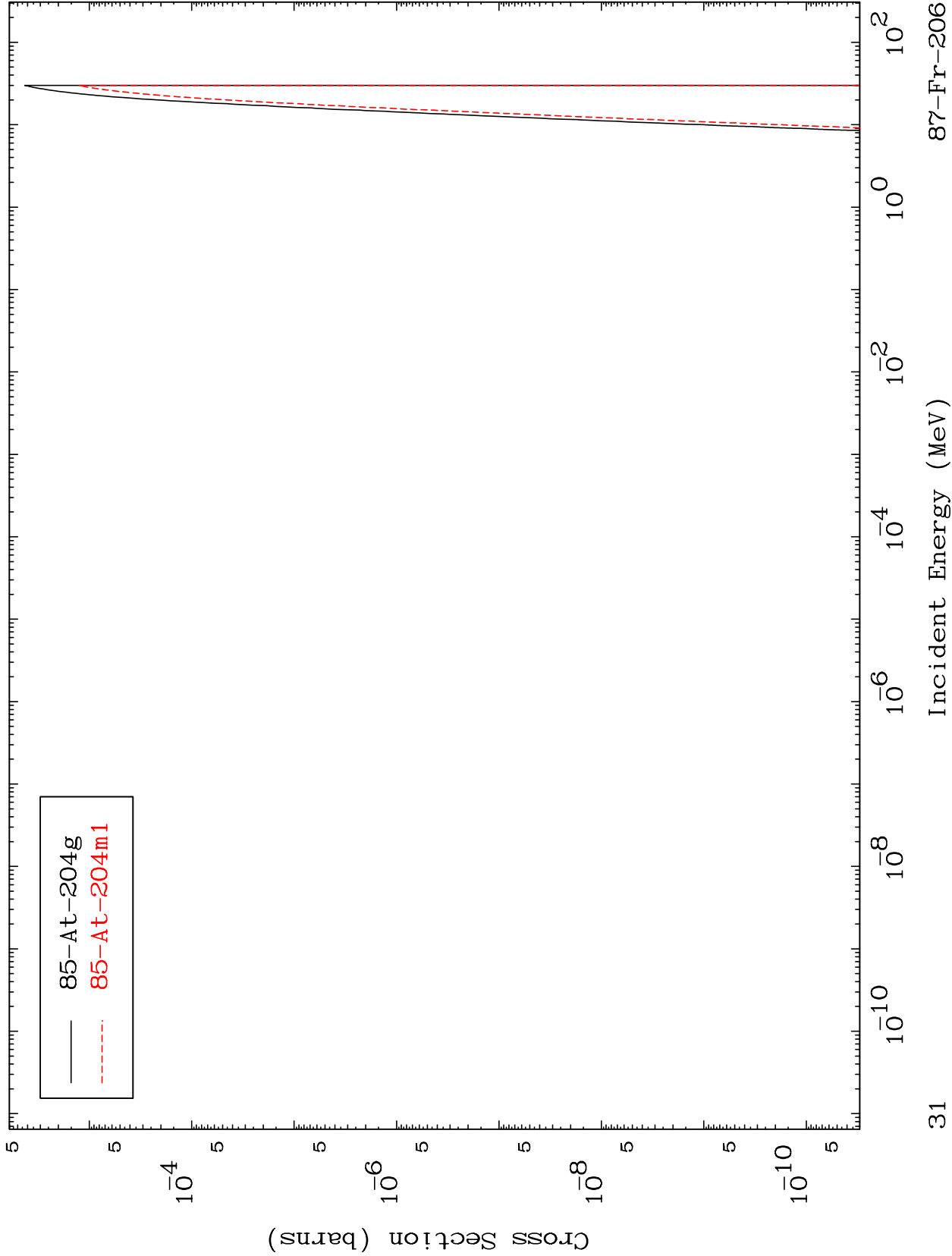
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(n,He-3)

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Radionuclide Production Cross Section

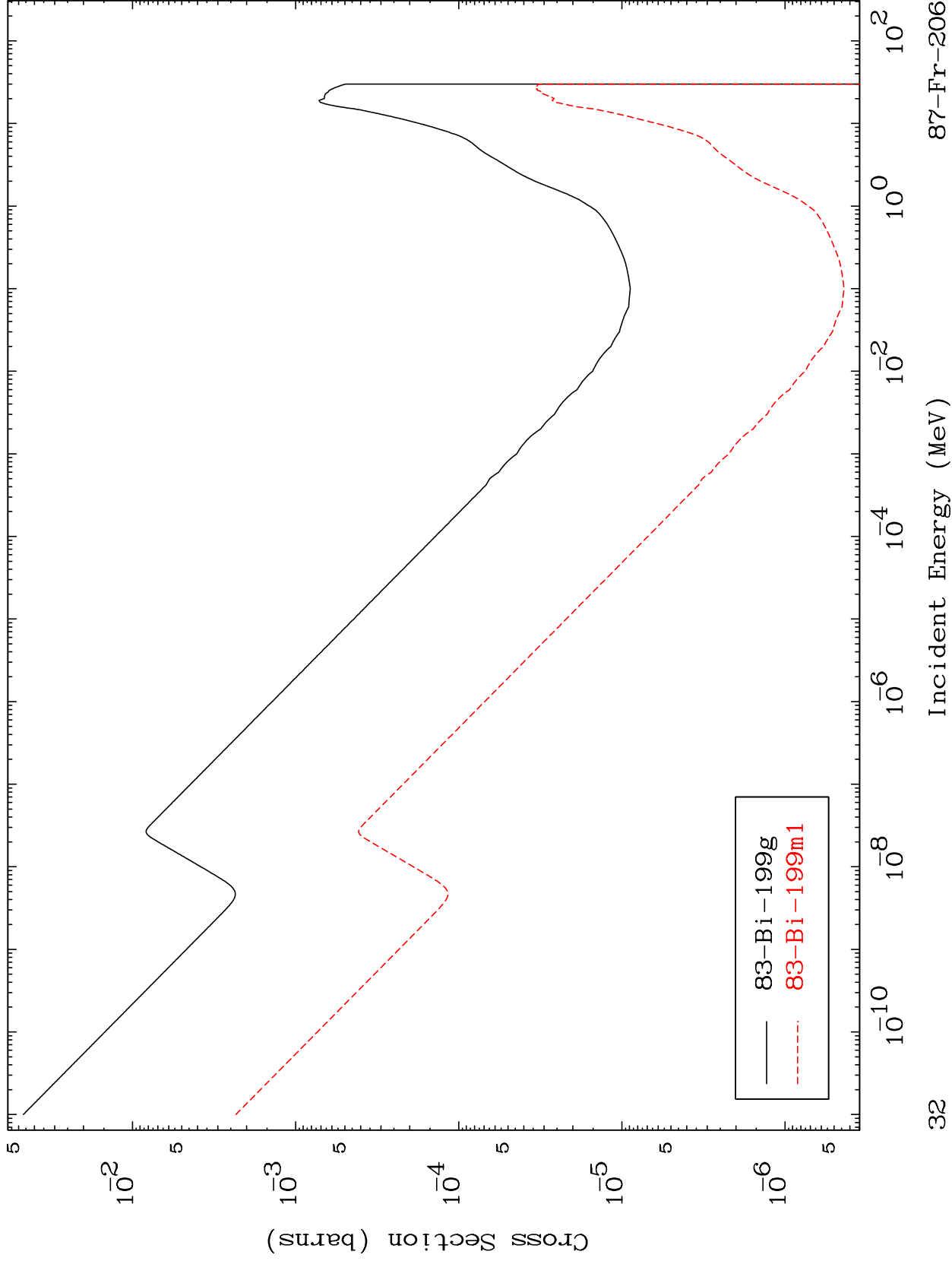


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(n,2 α)

87-Fr-206

Radionuclide Production Cross Section

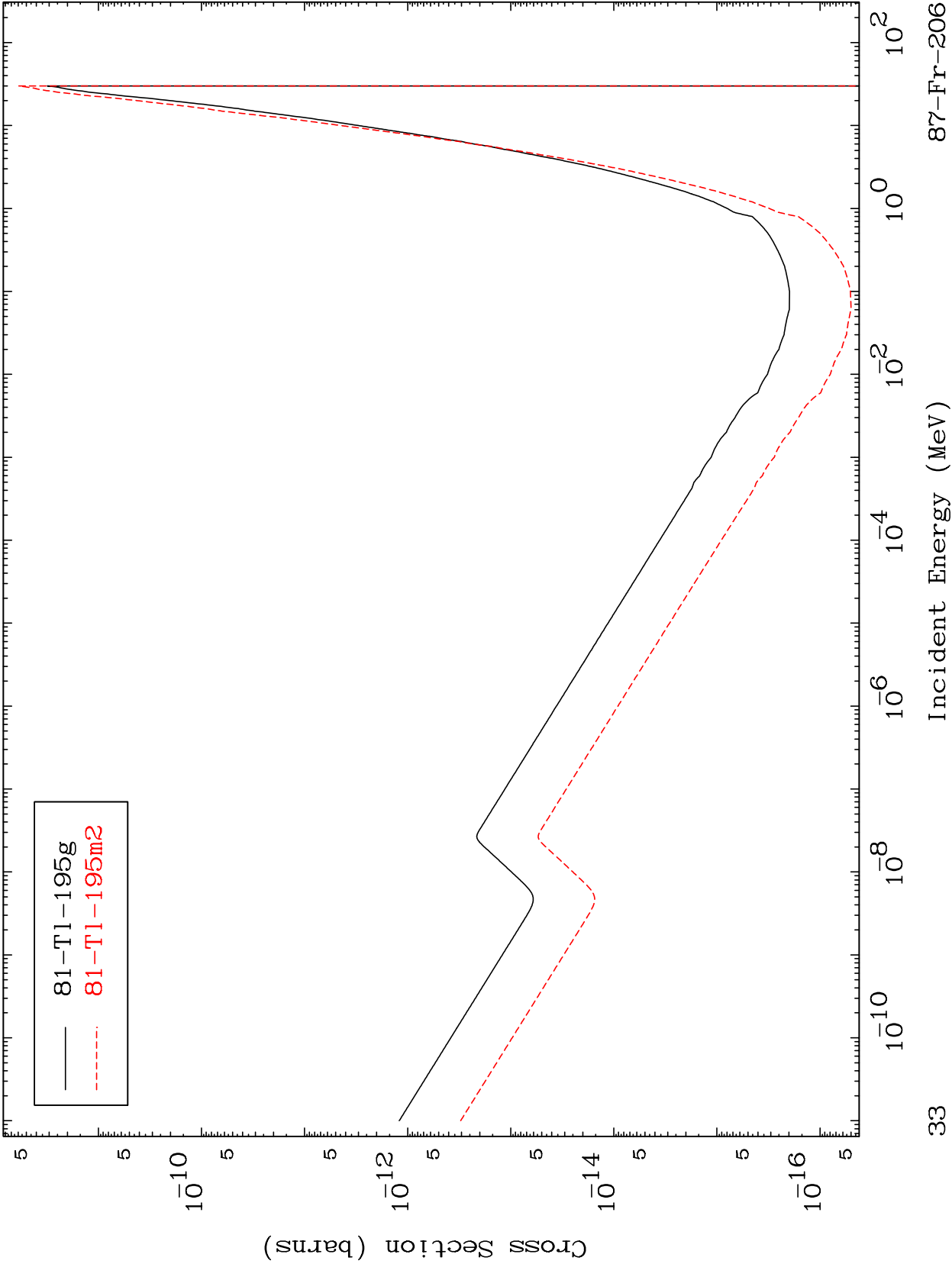


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(n, 3α)

87-Fr-206

Radionuclide Production Cross Section

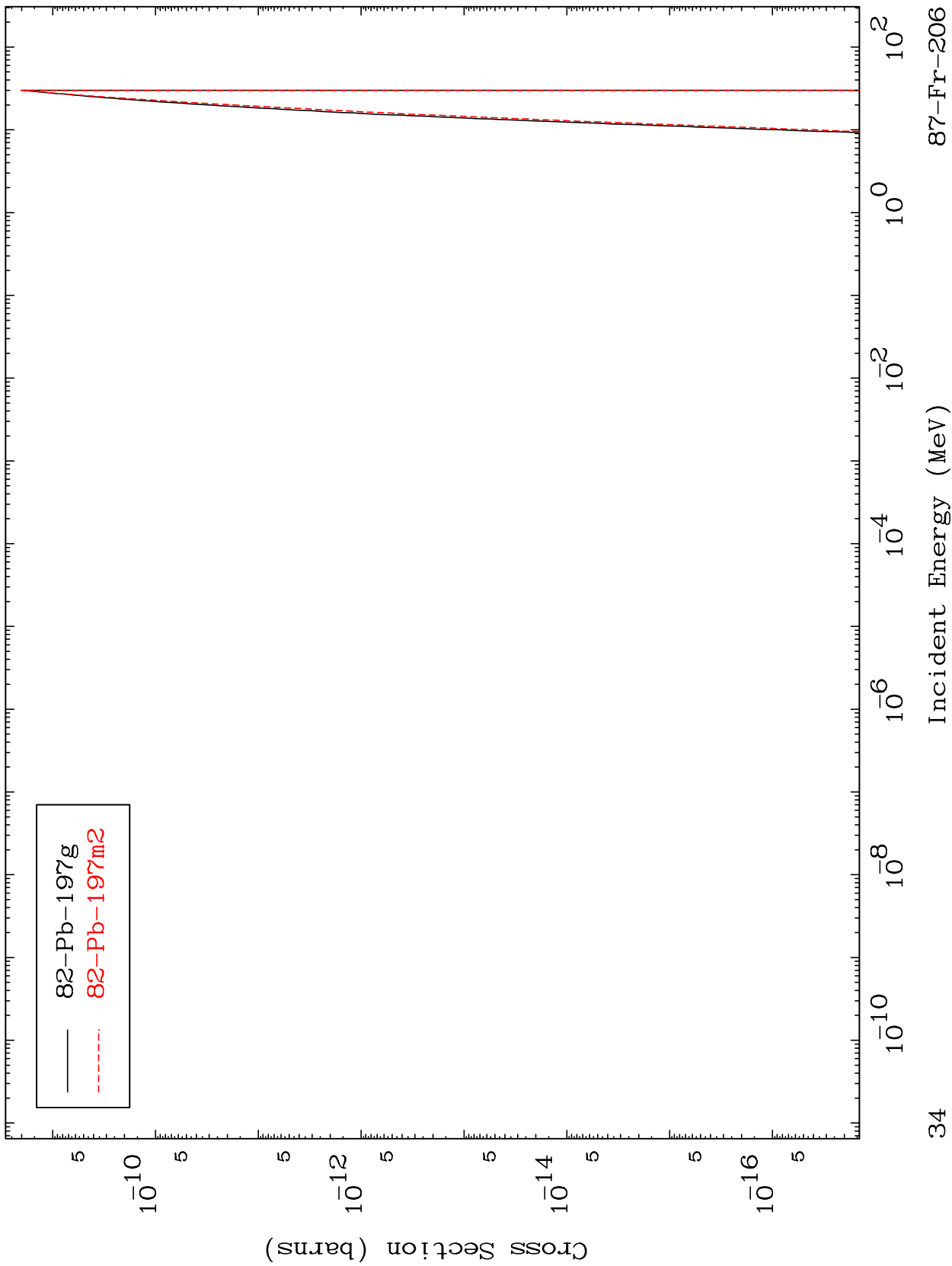


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(n,d) 2 α

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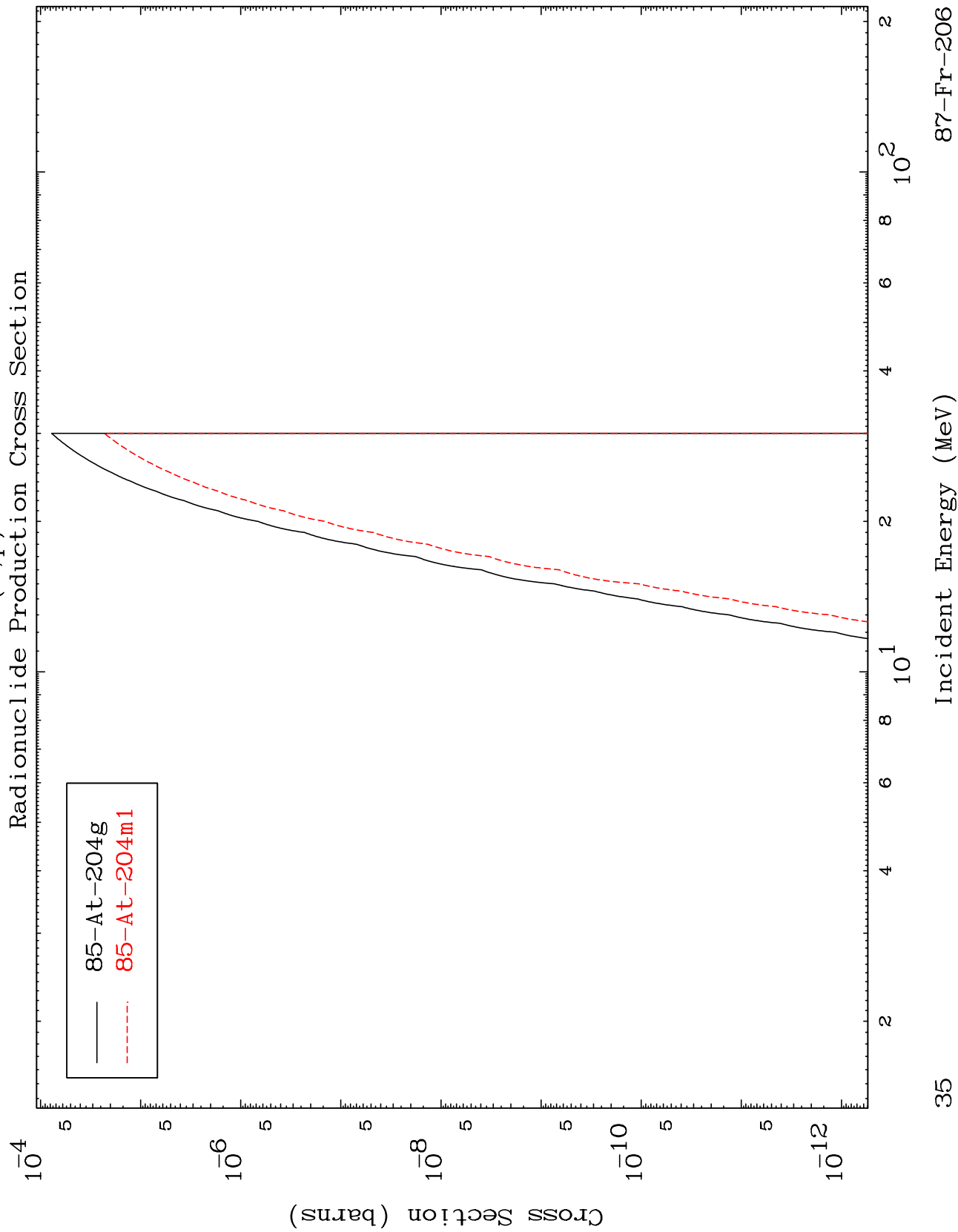
Radionuclide Production Cross Section



MAT 8708

(n,p) d

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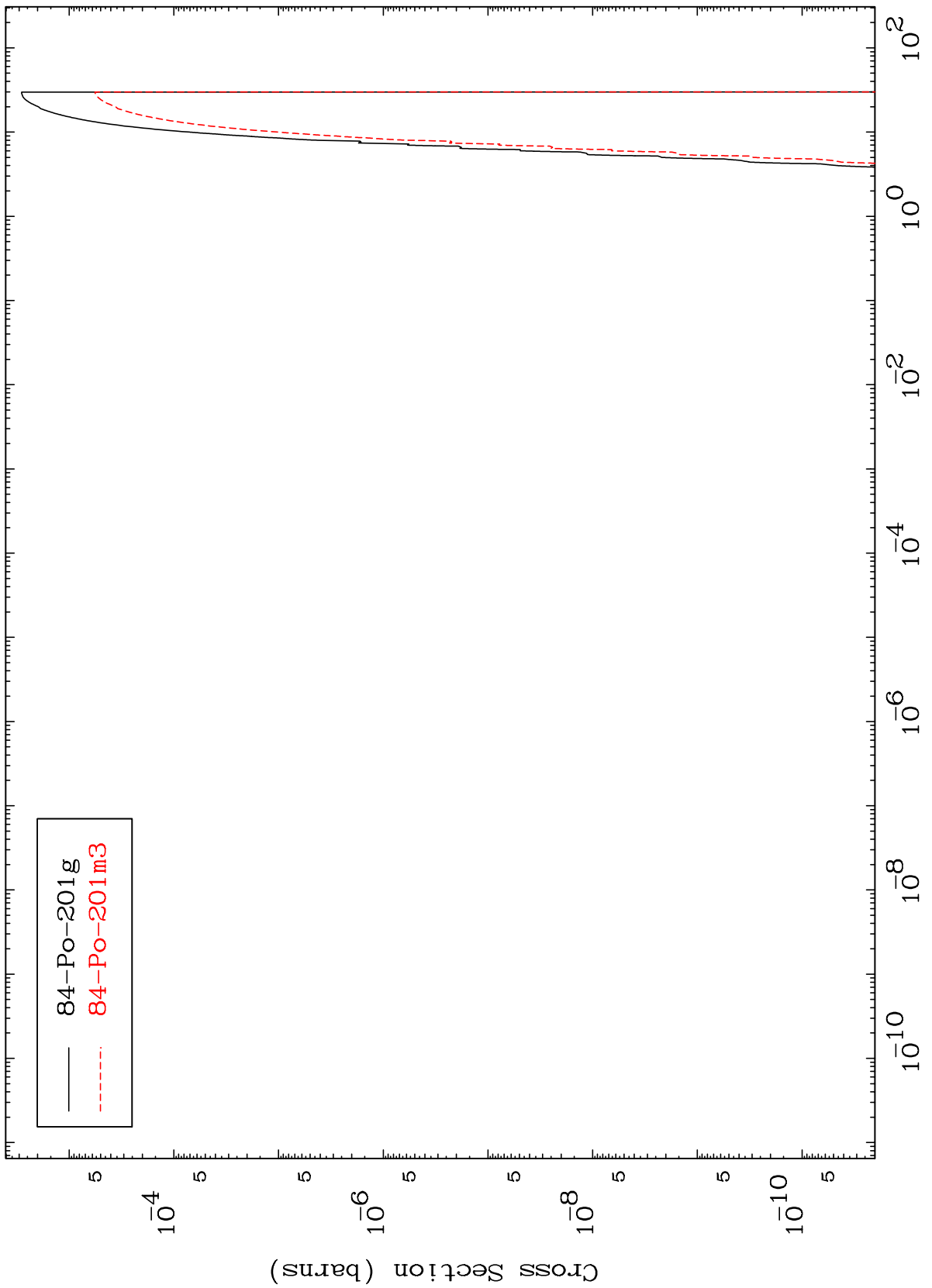


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(n,d) α

87-Fr-206

Radionuclide Production Cross Section



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Incident Energy (MeV)

87-Fr-206