

Program EVALPLOT
(Version 2018-1)

by

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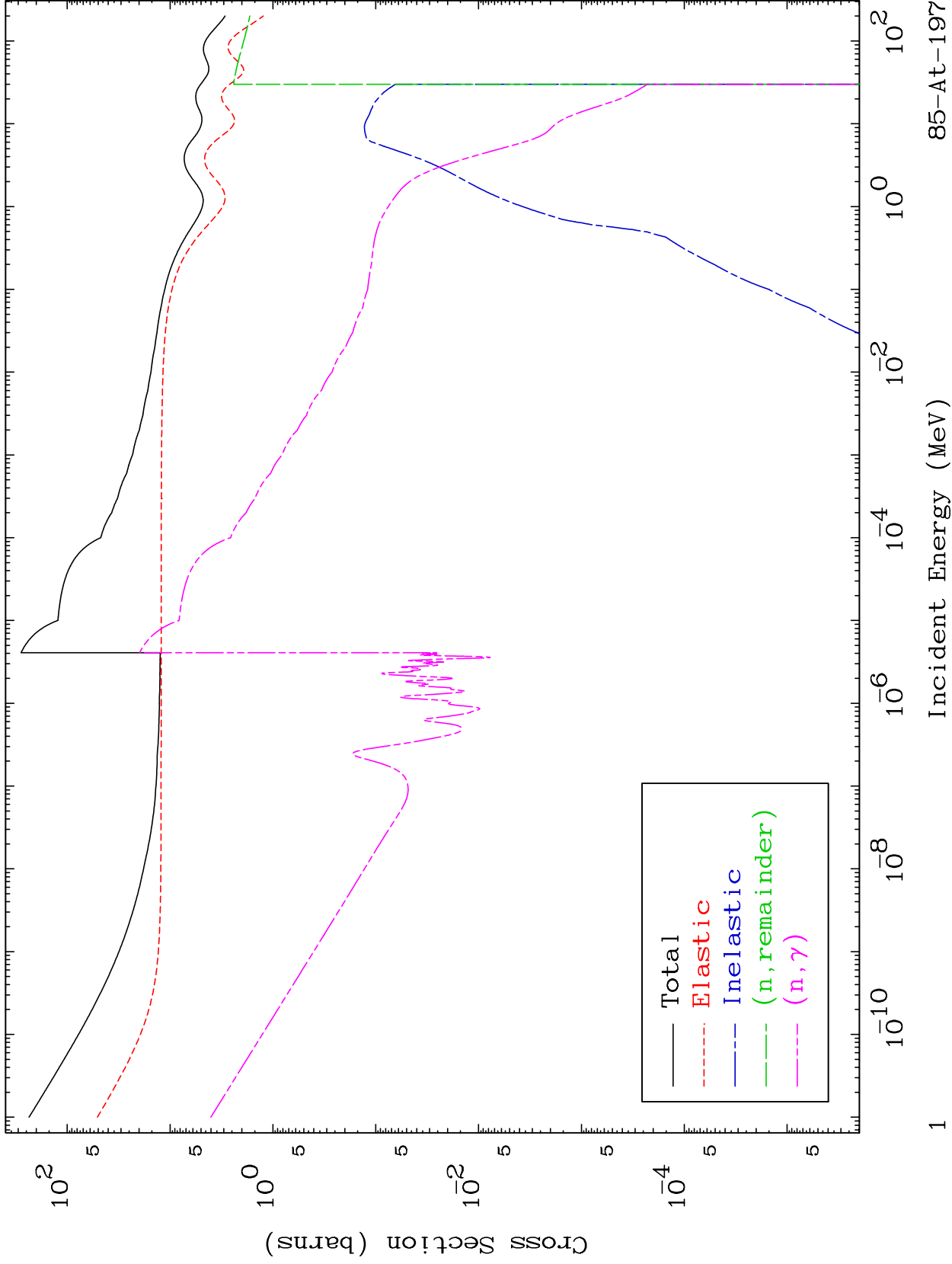
Press Mouse Button to Start

MAT 8508

Major

293 Kelvin Cross Sections

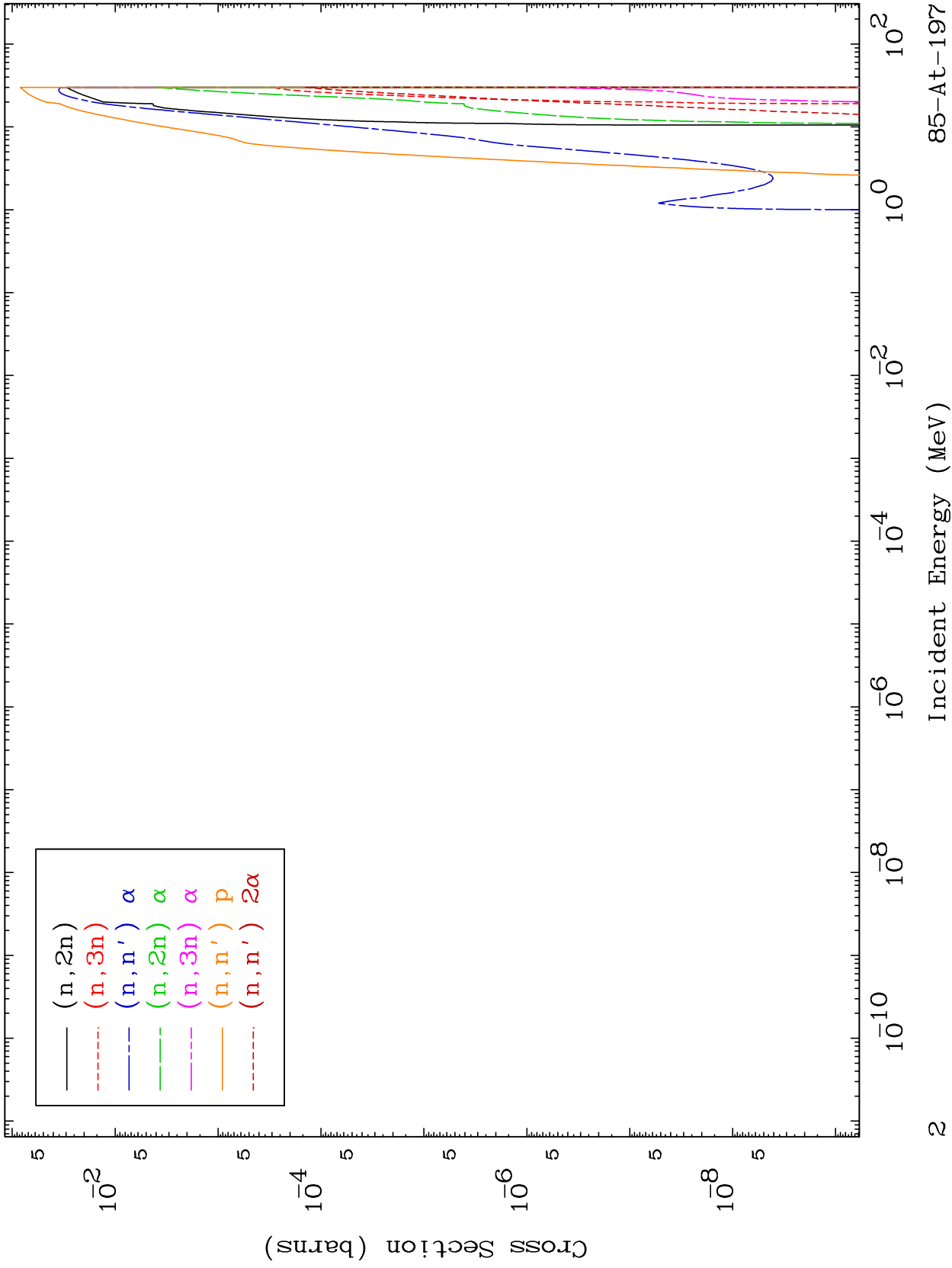
85-At-197



MAT 8508

Neutron Production
293 Kelvin Cross Sections

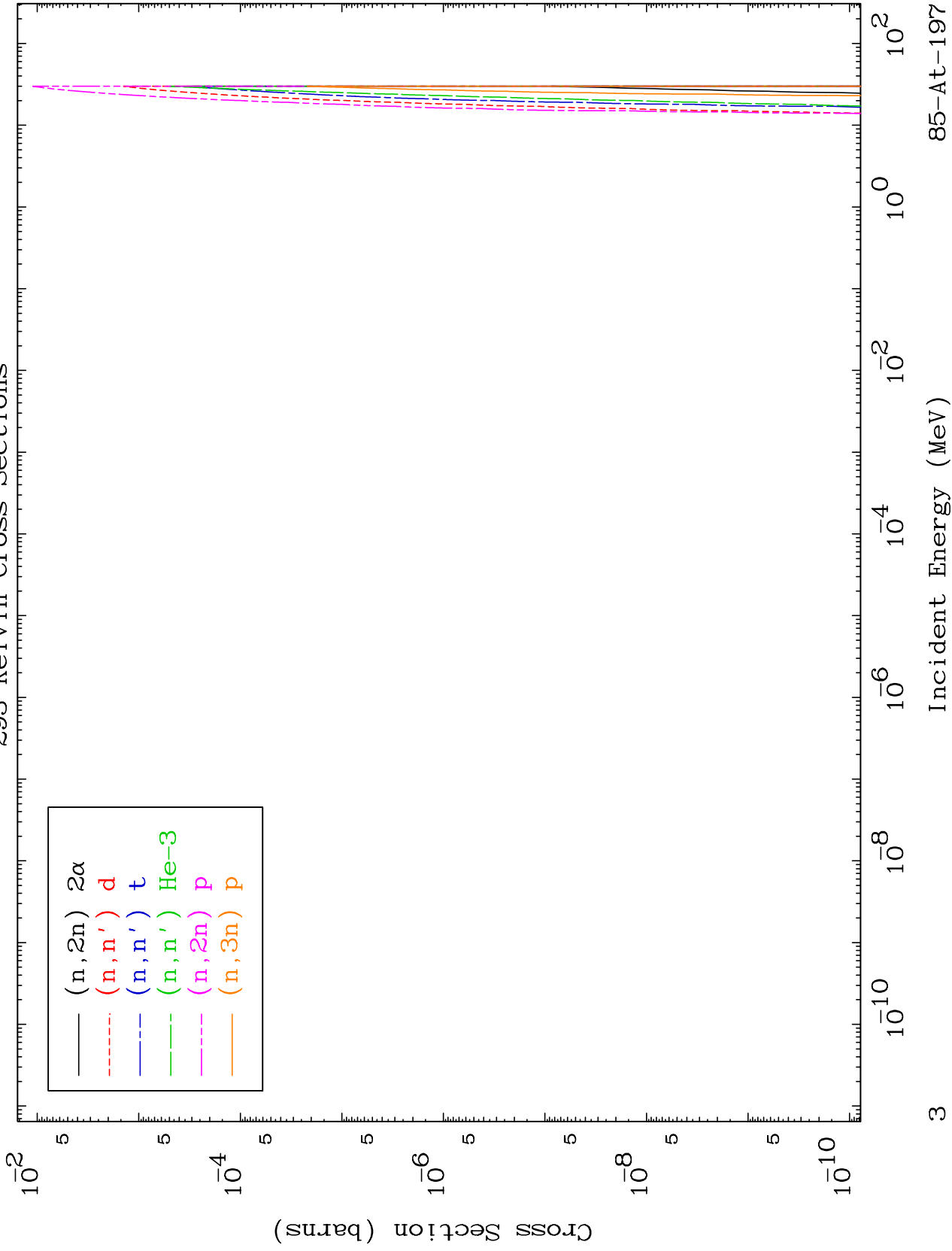
85-At-197



MAT 8508

Neutron Production
293 Kelvin Cross Sections

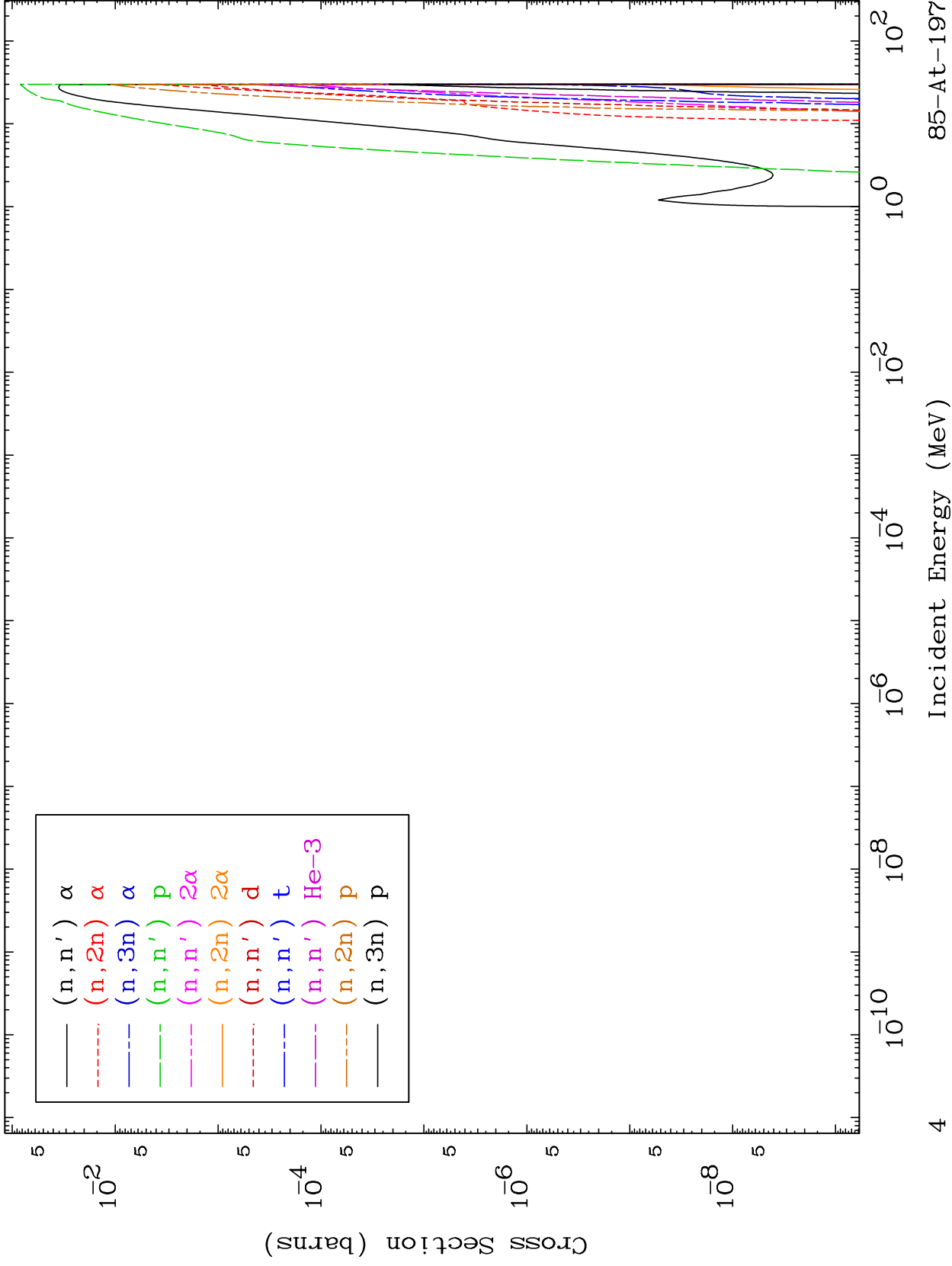
85-At-197



MAT 8508

Charged Particle
293 Kelvin Cross Sections

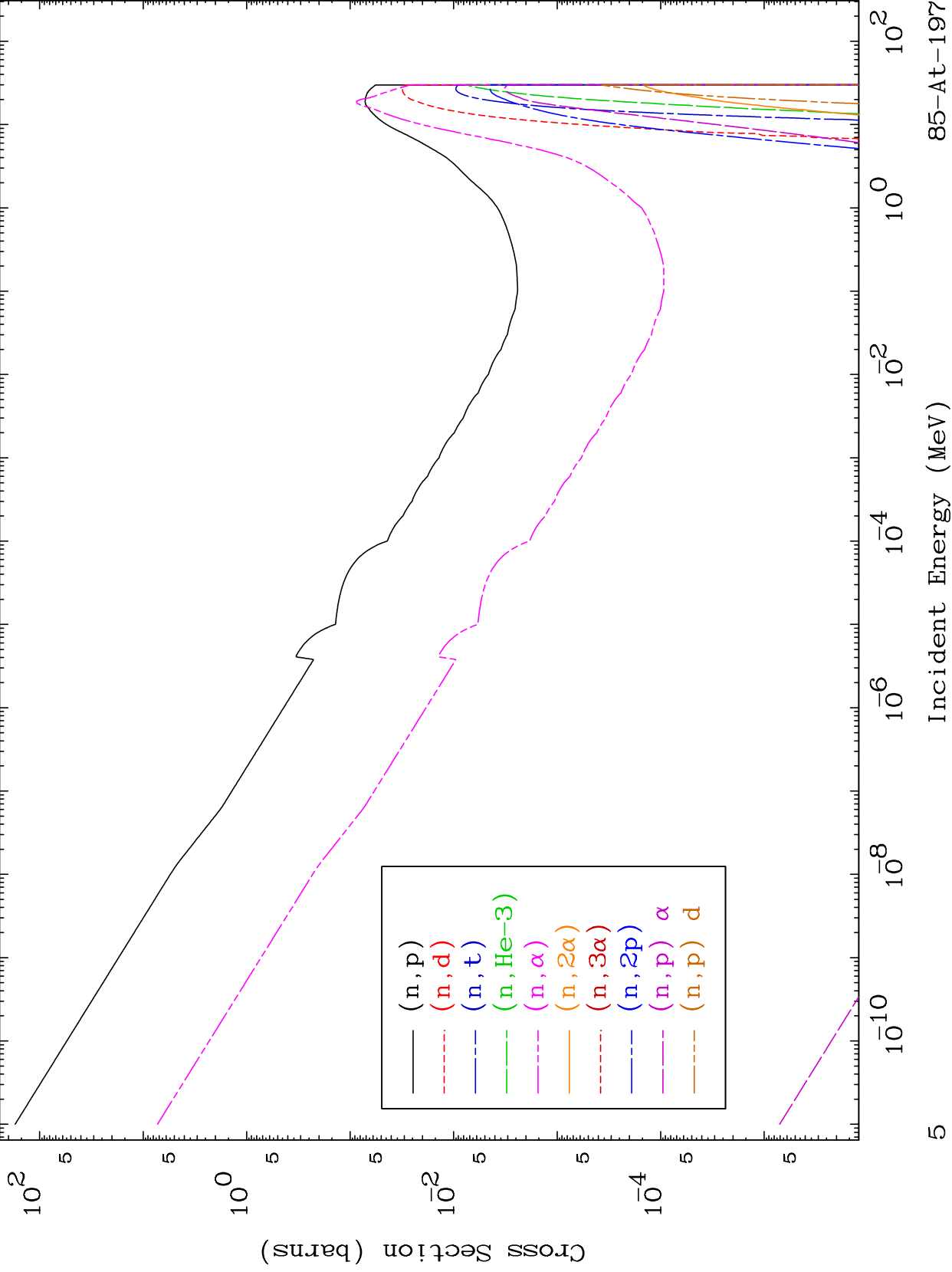
85-At-197

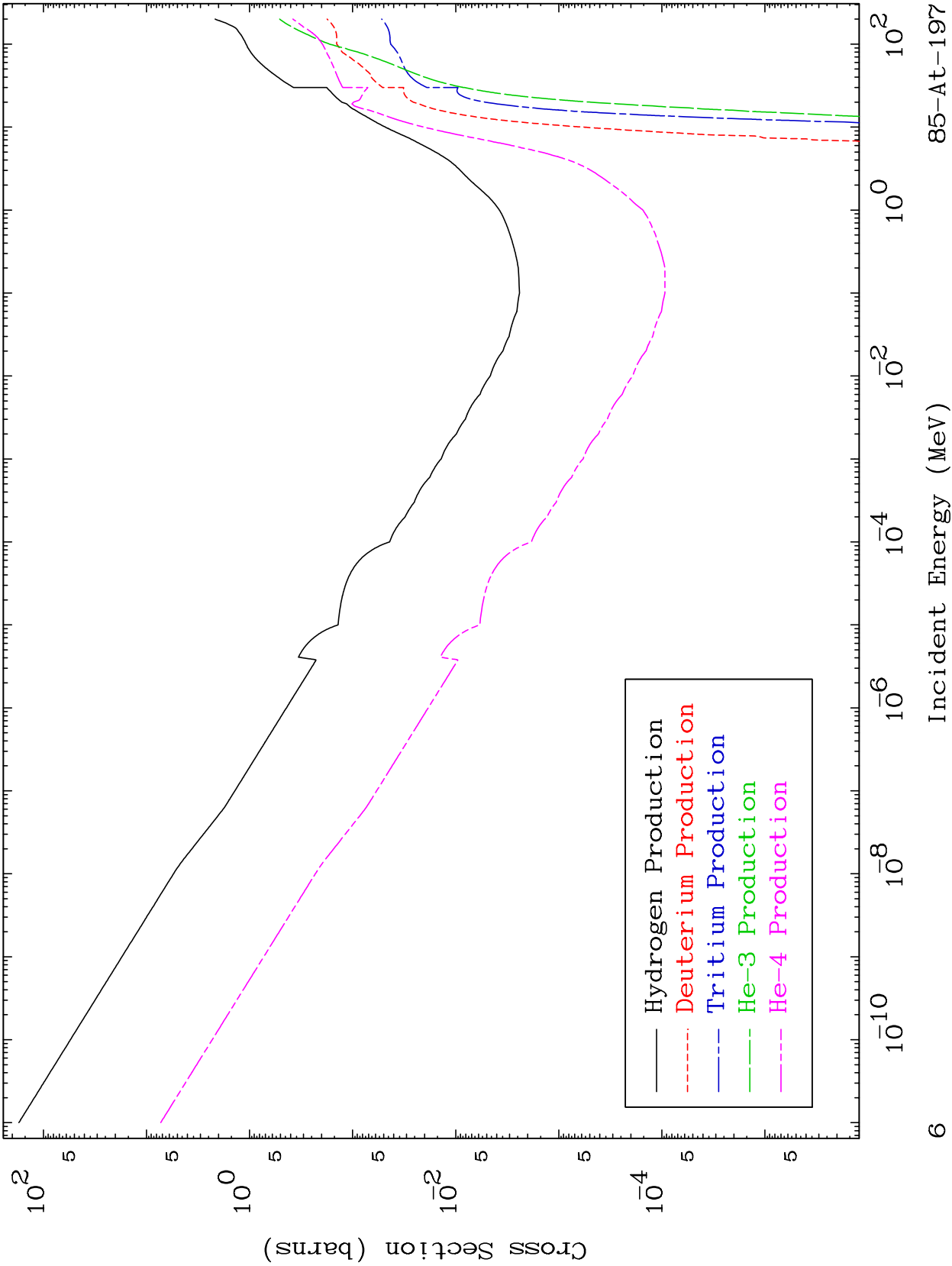


MAT 8508

Charged Particle
293 Kelvin Cross Sections

85-At-197



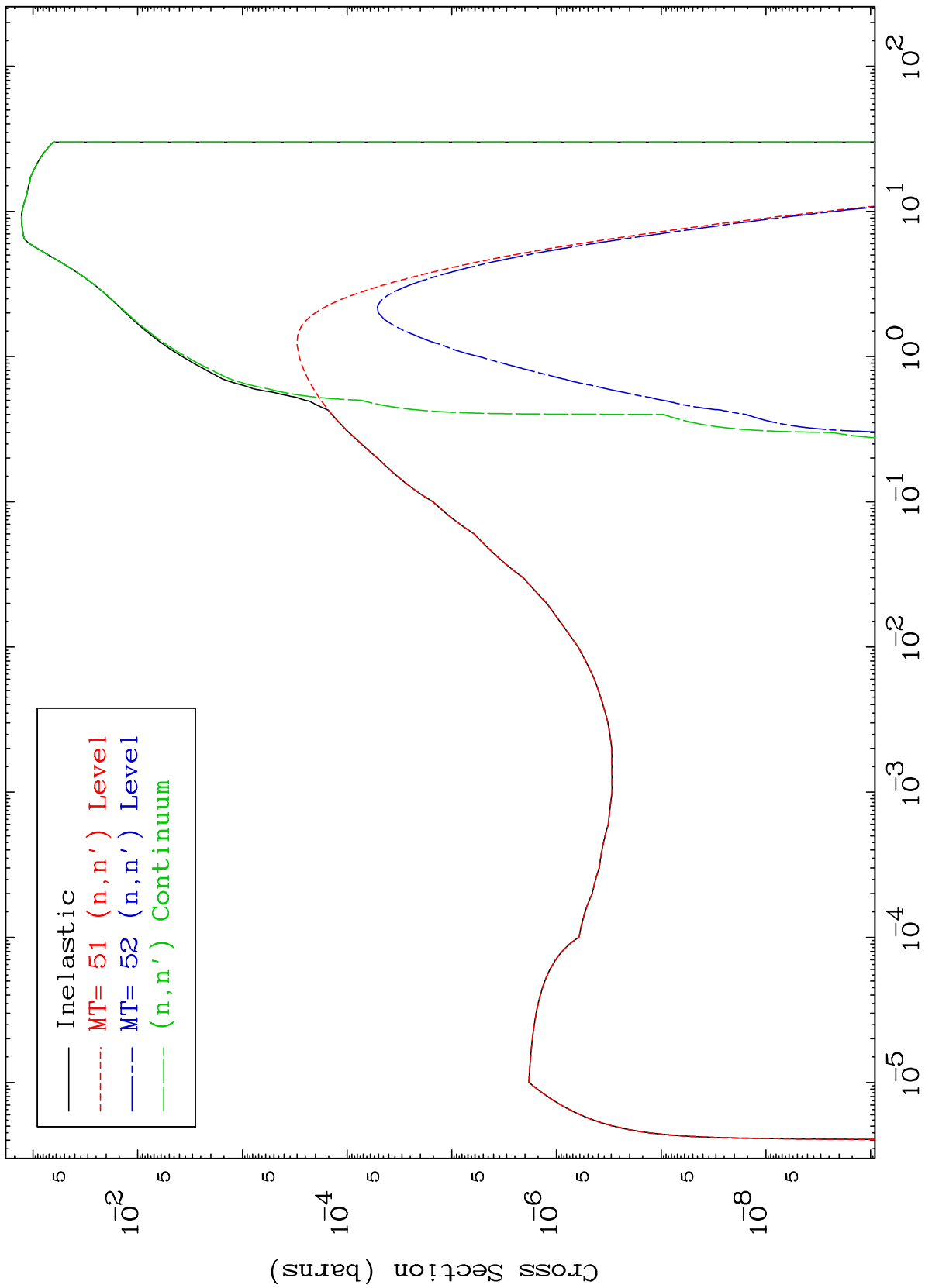


MAT 8508

(n,n') Level

85-At-197

293 Kelvin Cross Sections

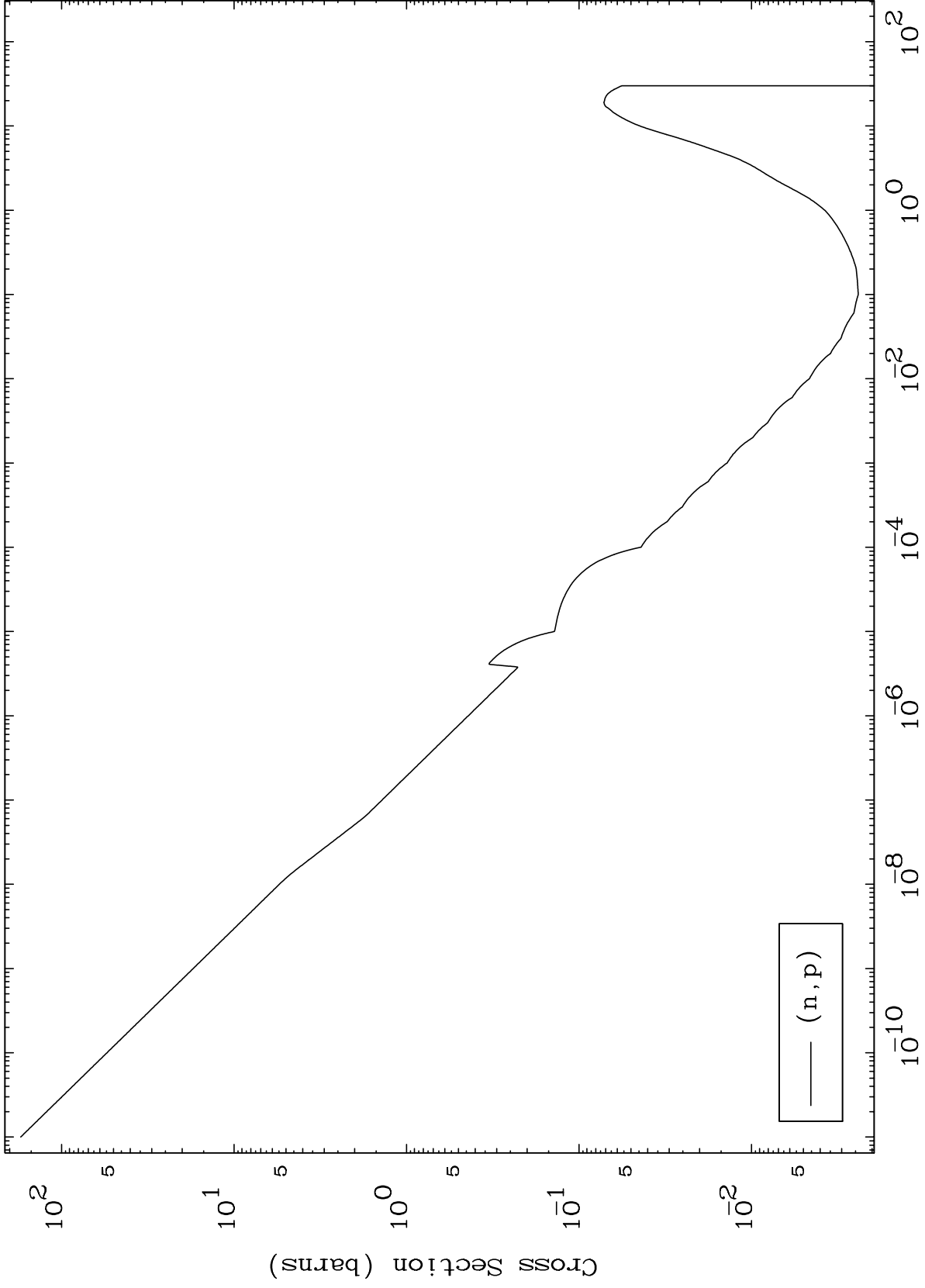


Legend:
— Inelastic
- - - MT= 51 (n,n') Level
- · - · MT= 52 (n,n') Level
- - - (n,n') Continuum

MAT 8508

(n,p) Levels
293 Kelvin Cross Sections

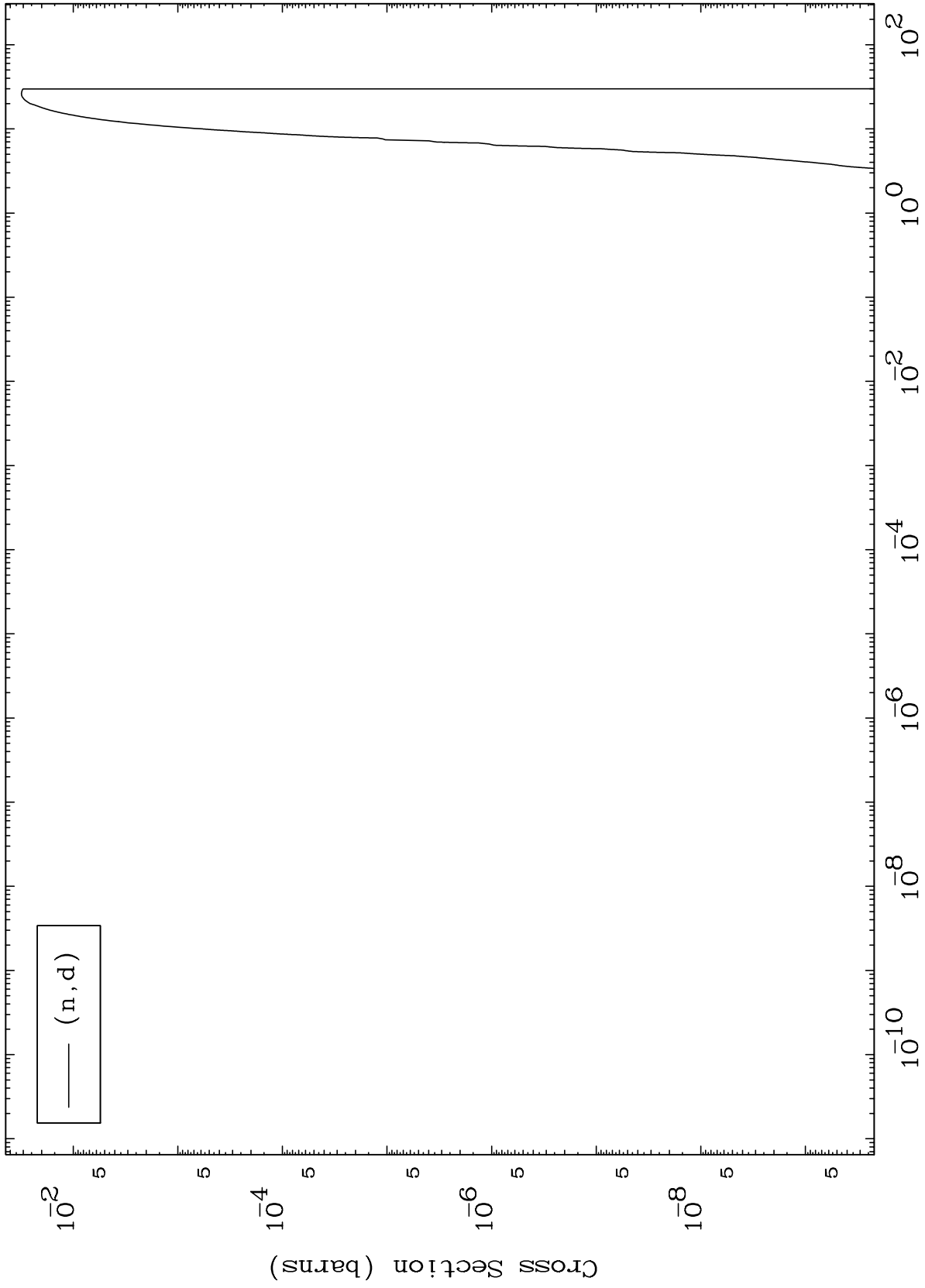
85-At-197



MAT 8508

(n,d) Levels
293 Kelvin Cross Sections

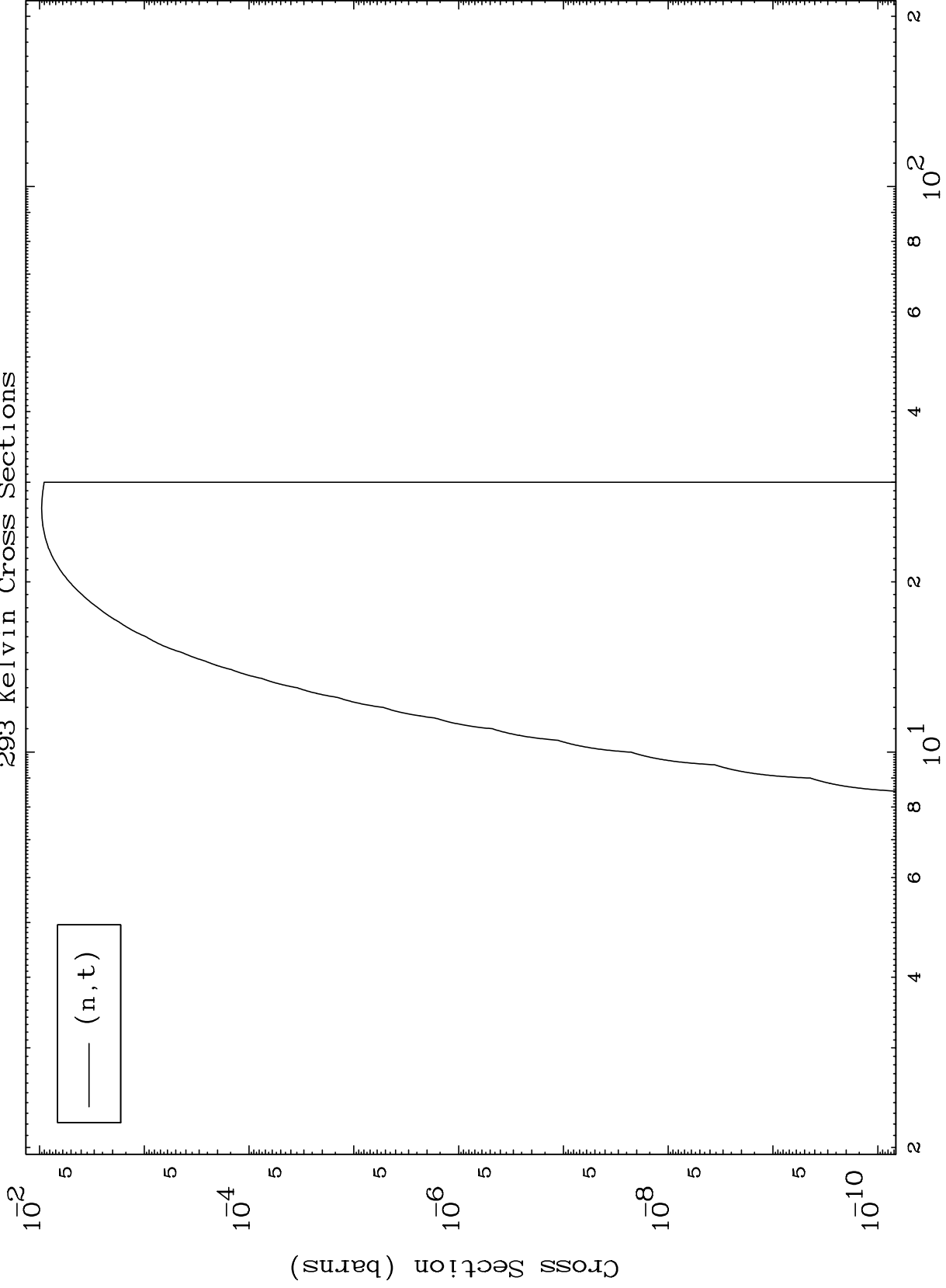
85-At-197



MAT 8508

(n,t) Levels
293 Kelvin Cross Sections

85-At-197



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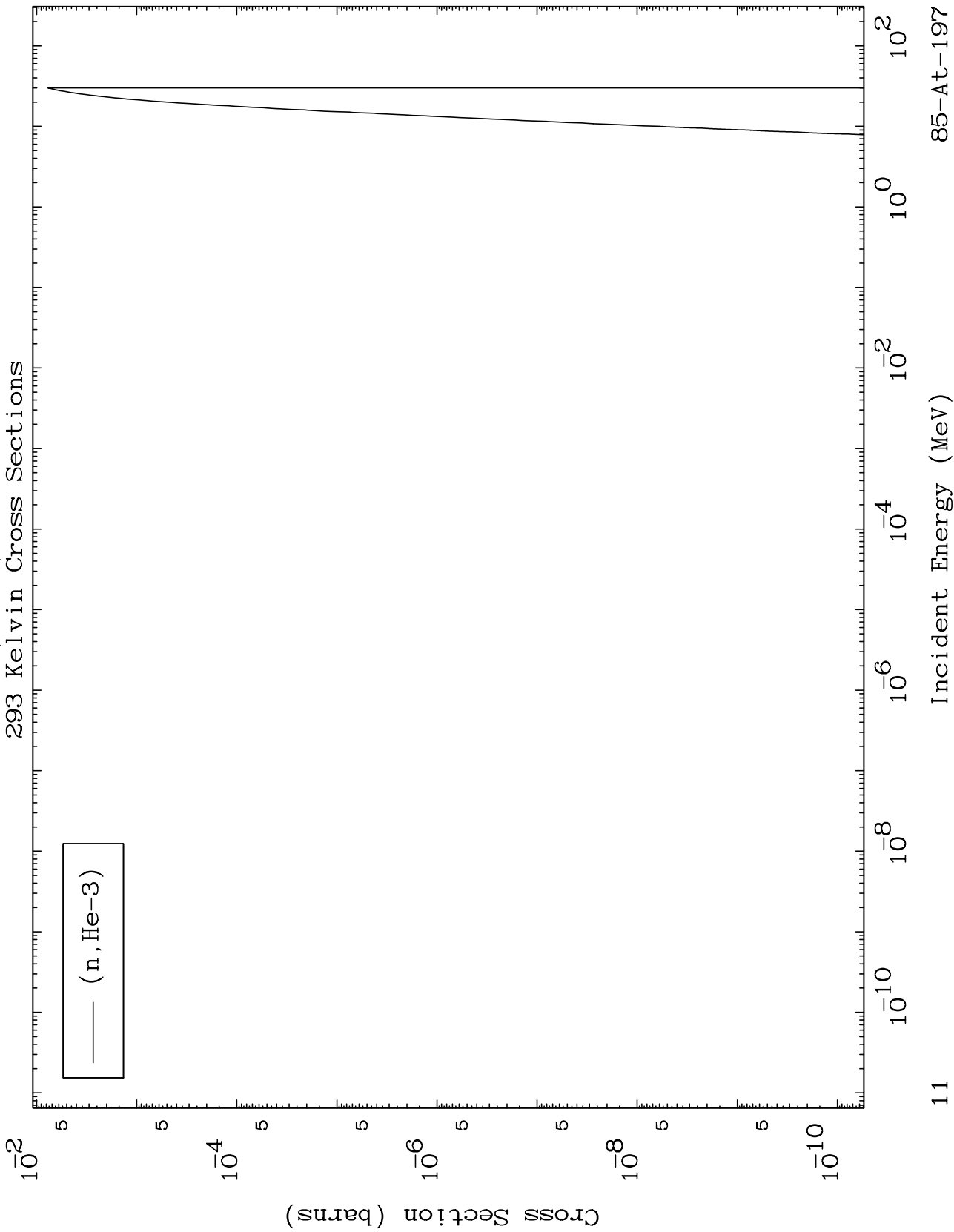
Incident Energy (MeV)

85-At-197

MAT 8508

(n,He3) Levels
293 Kelvin Cross Sections

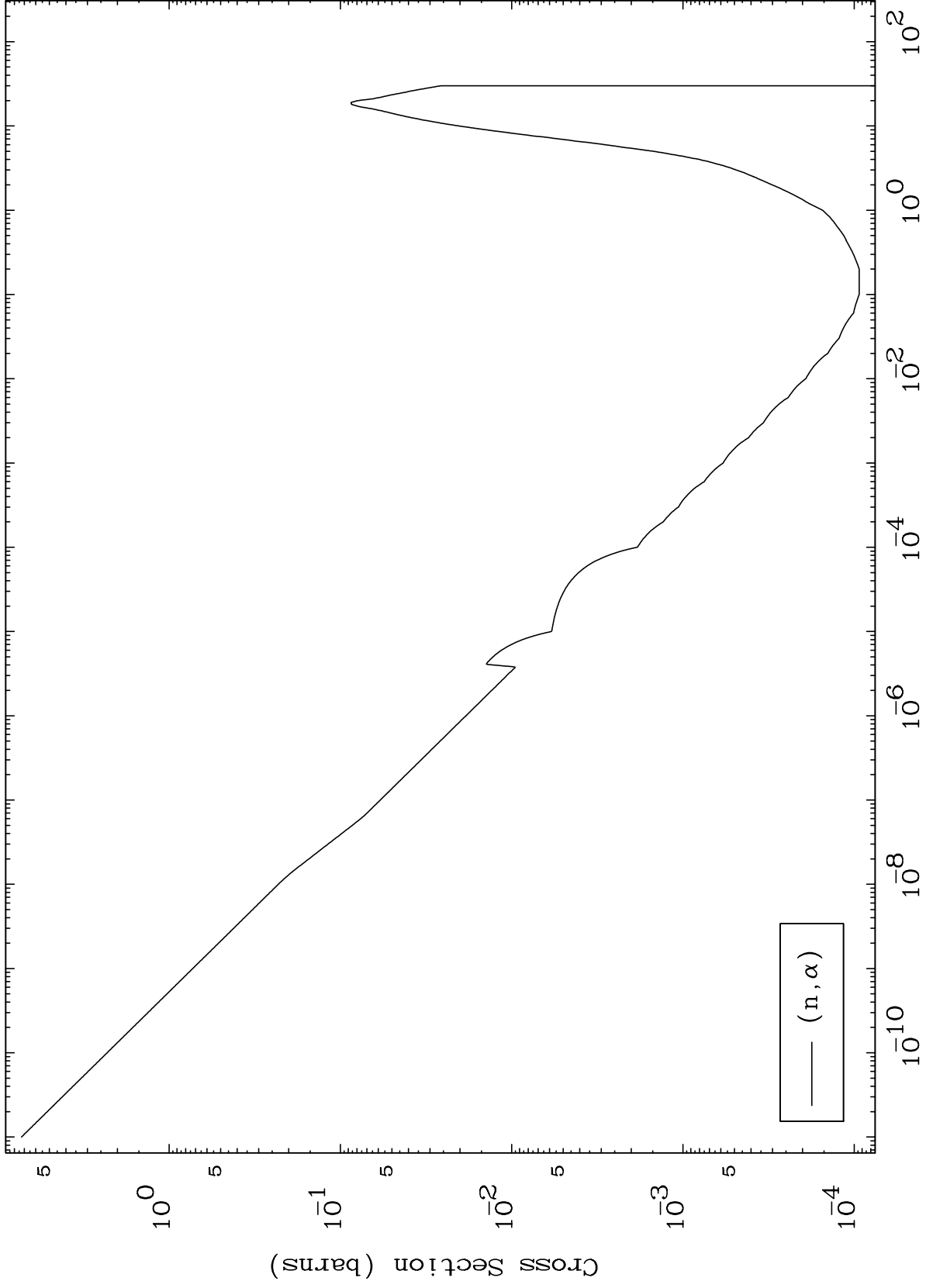
85-At-197

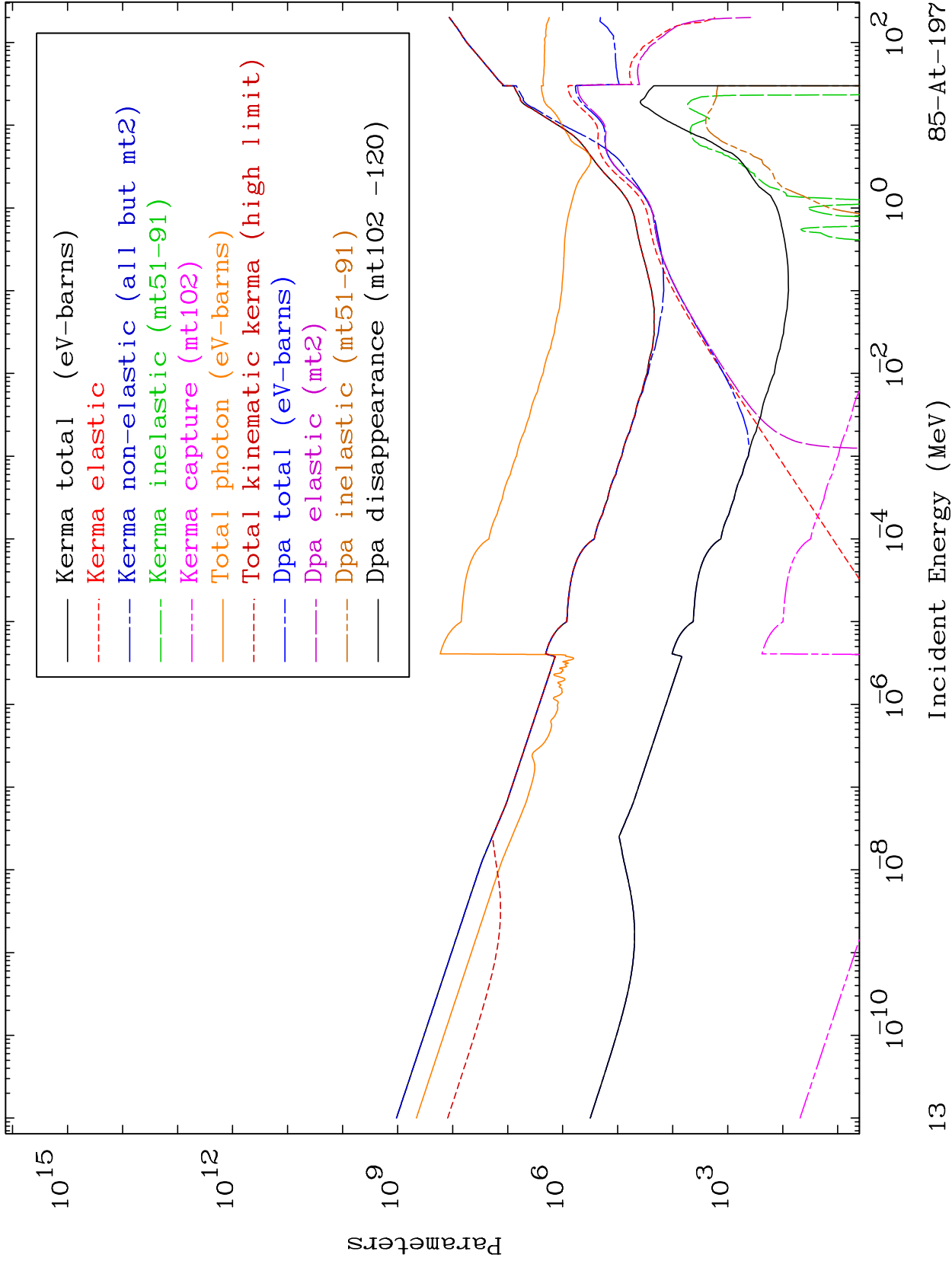


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(n,α) Levels
293 Kelvin Cross Sections

85-At-197

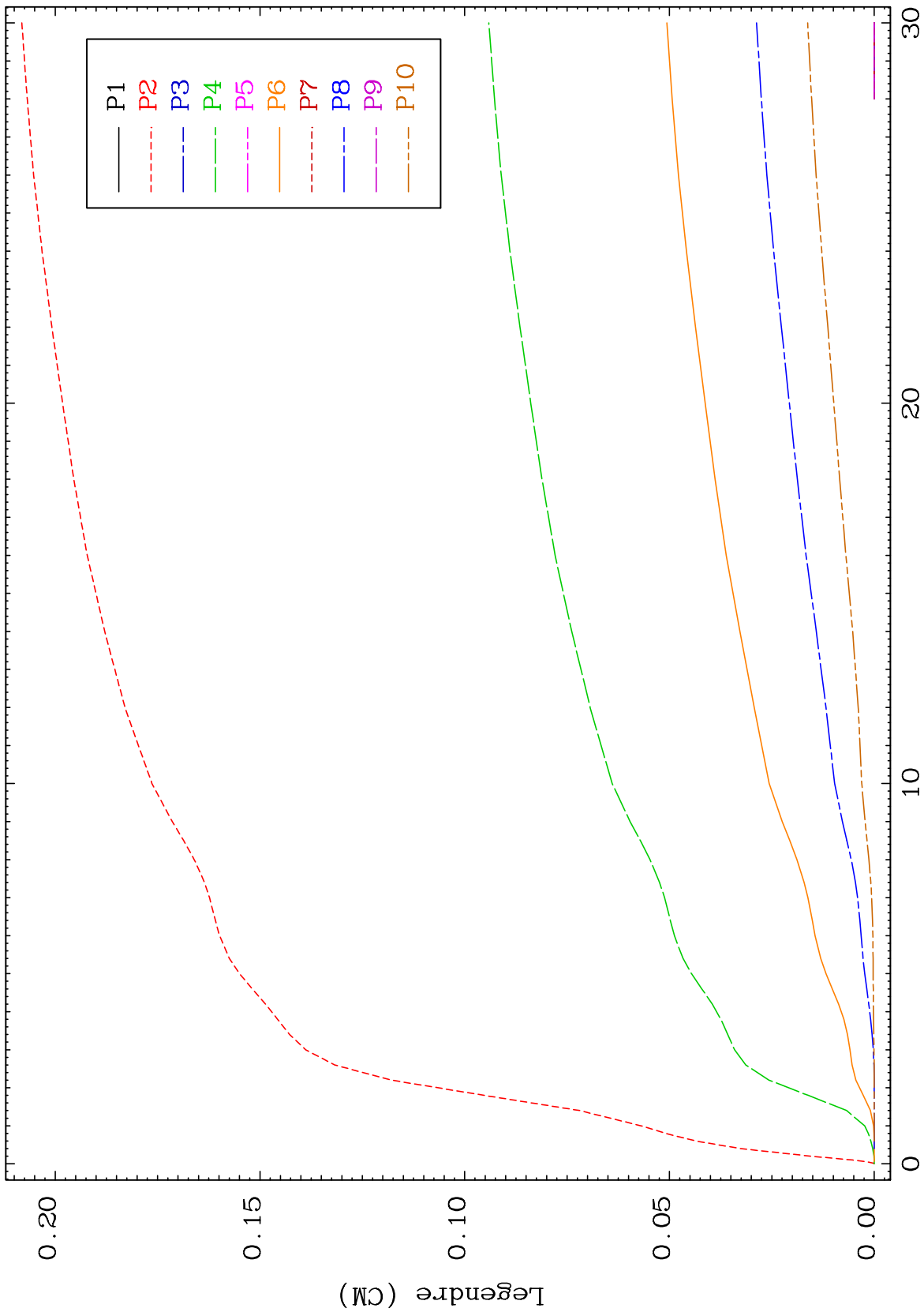




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Elastic Legendre Coefficients

85-At-197



85-At-197

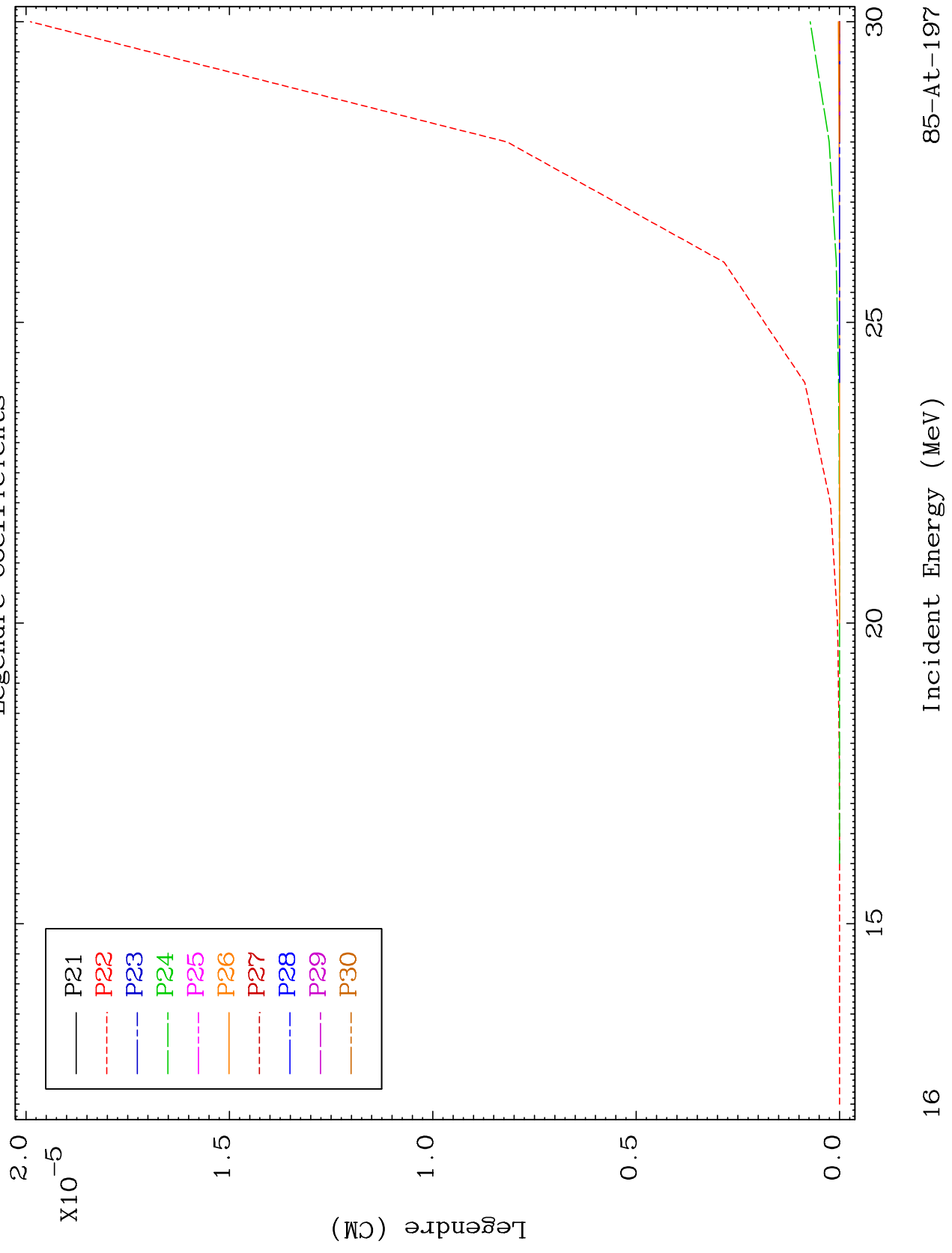
Incident Energy (MeV)

14

MAT 8508

Elastic Legendre Coefficients

85-At-197



16

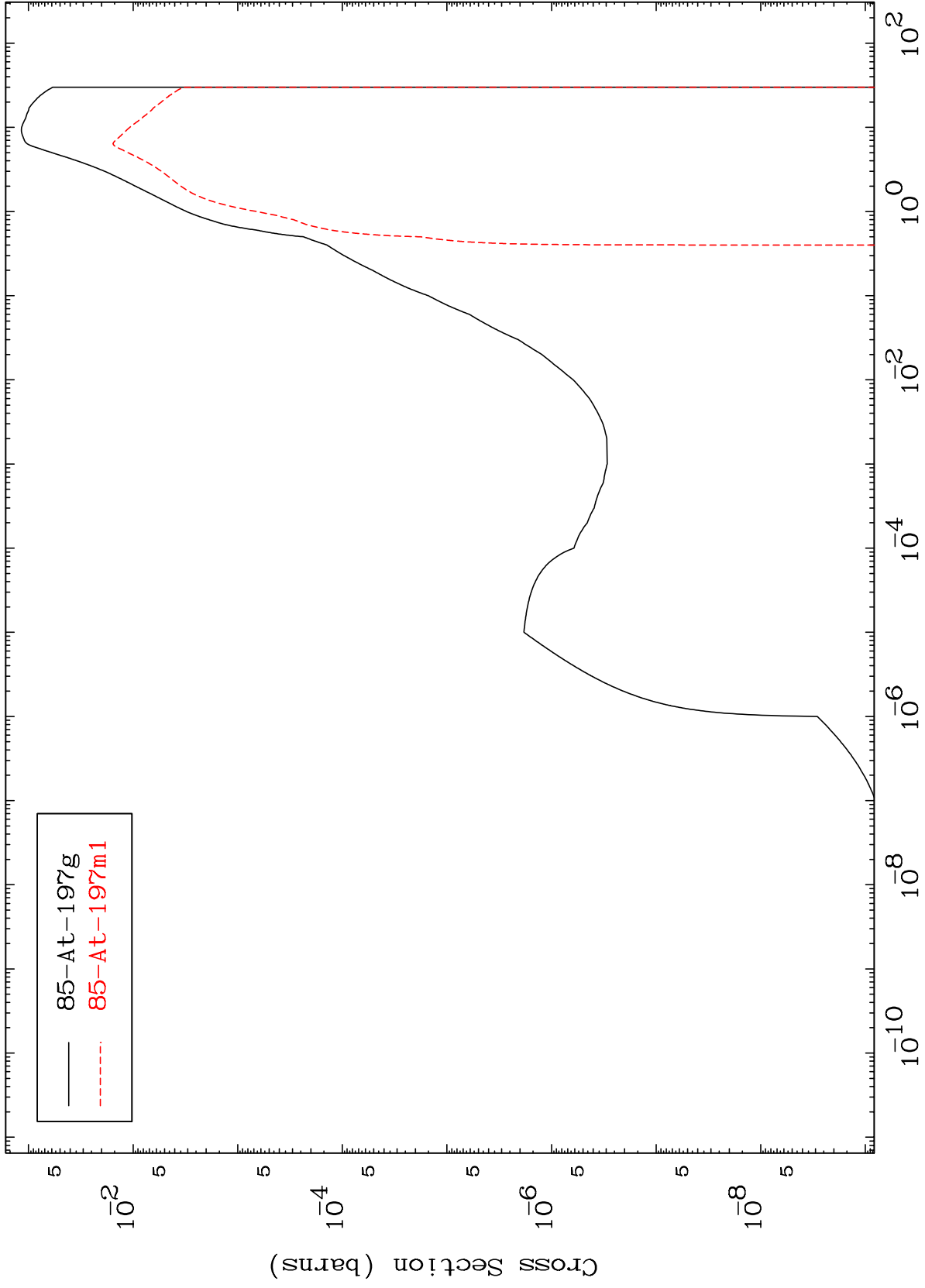
Incident Energy (MeV)

85-At-197

MAT 8508

Inelastic
Radionuclide Production Cross Section

85-At-197

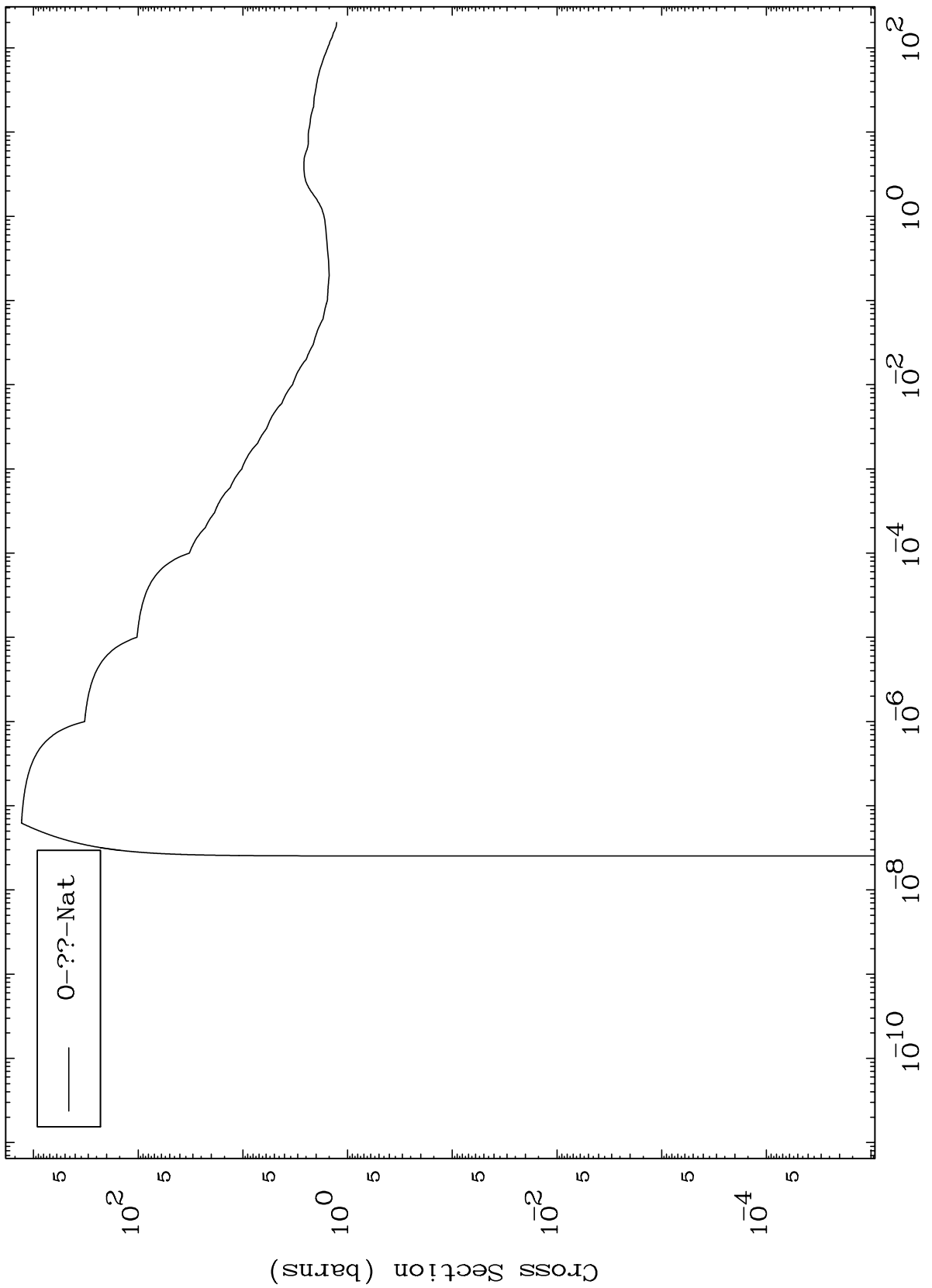


85-At-197

MAT 8508

85-At-197

Fission
Radionuclide Production Cross Section

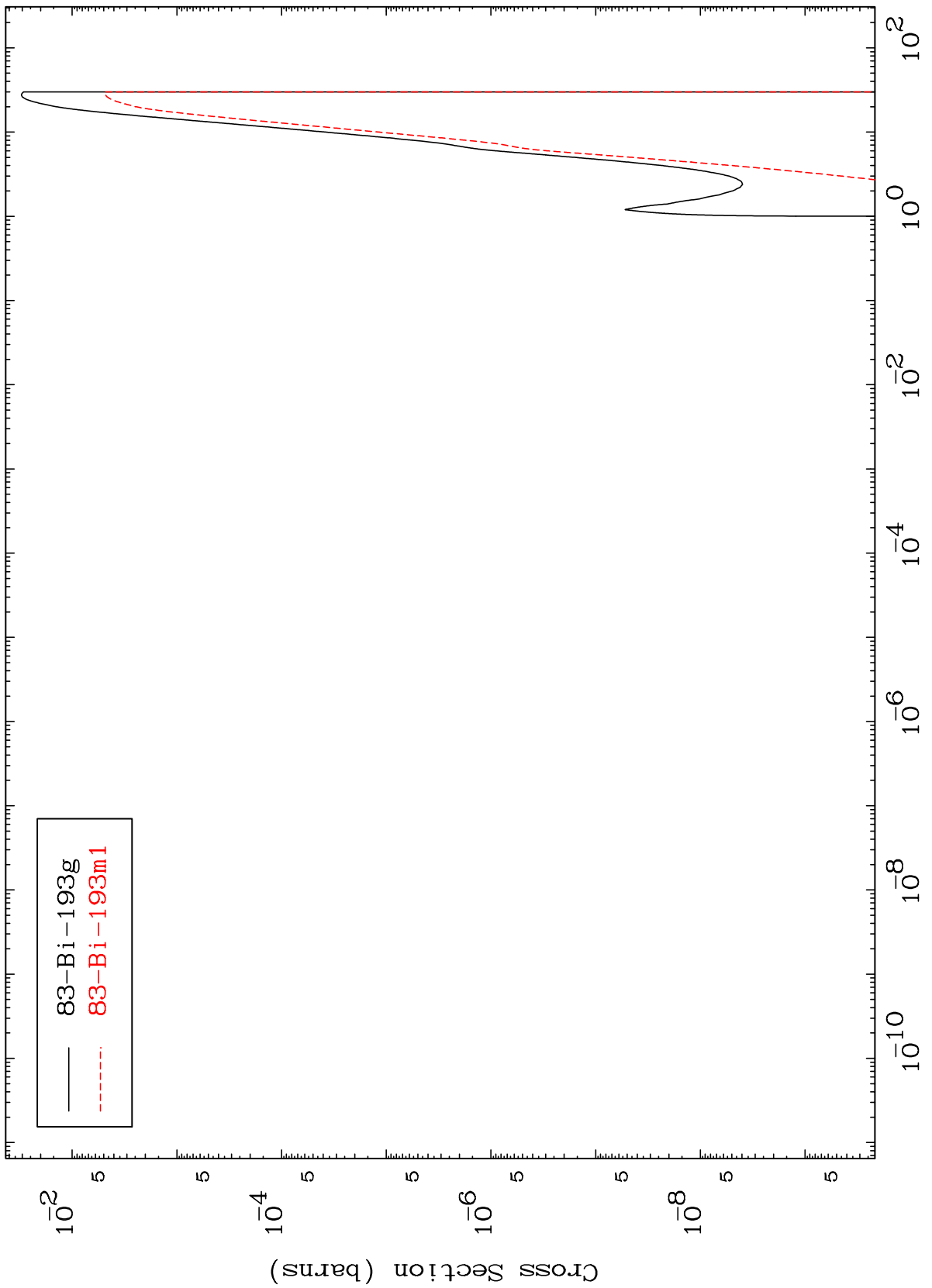


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(n,n') α

85-At-197

Radionuclide Production Cross Section

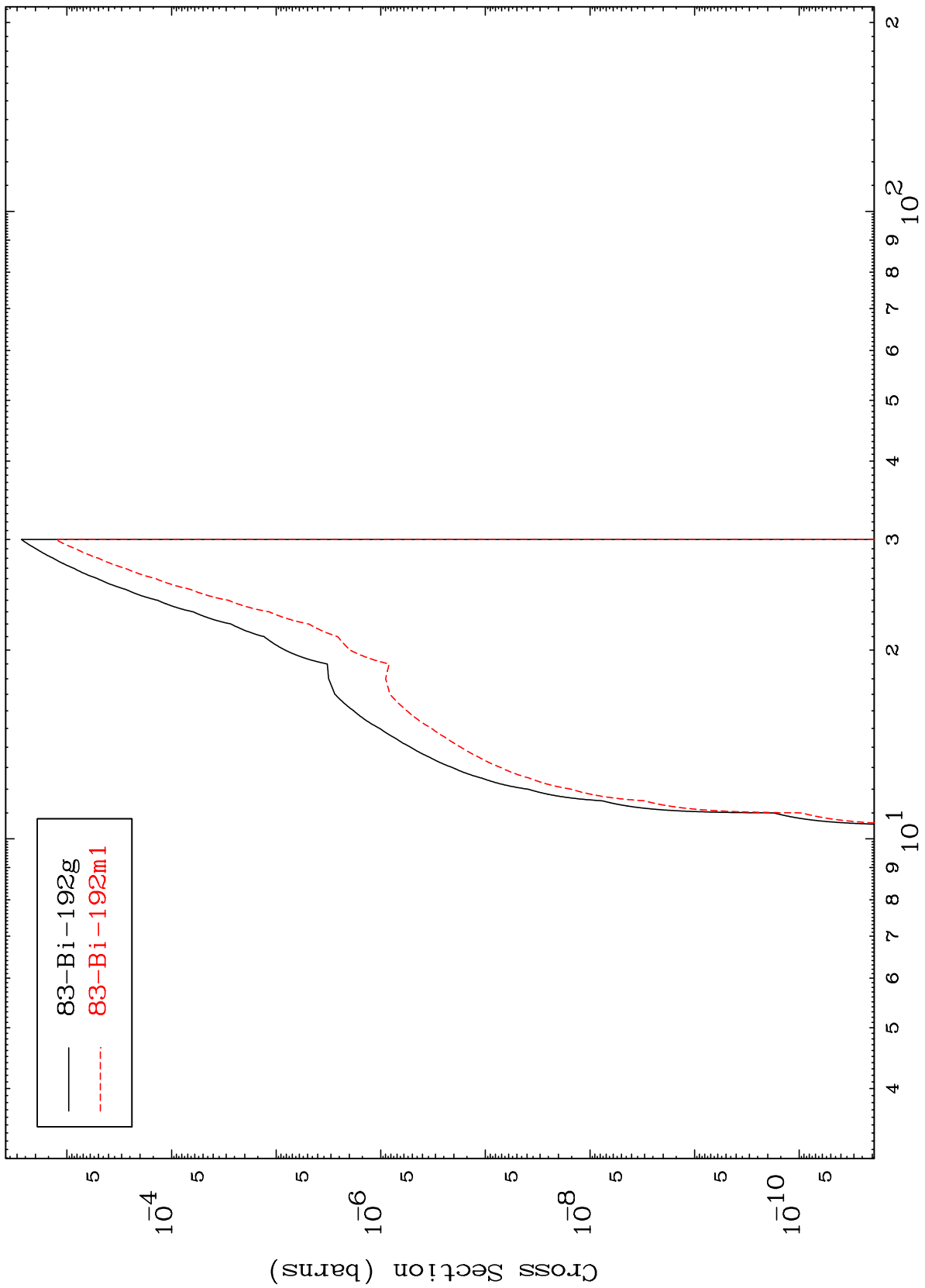


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85-At-197

(n,2n) α

Radionuclide Production Cross Section



20

Incident Energy (MeV)

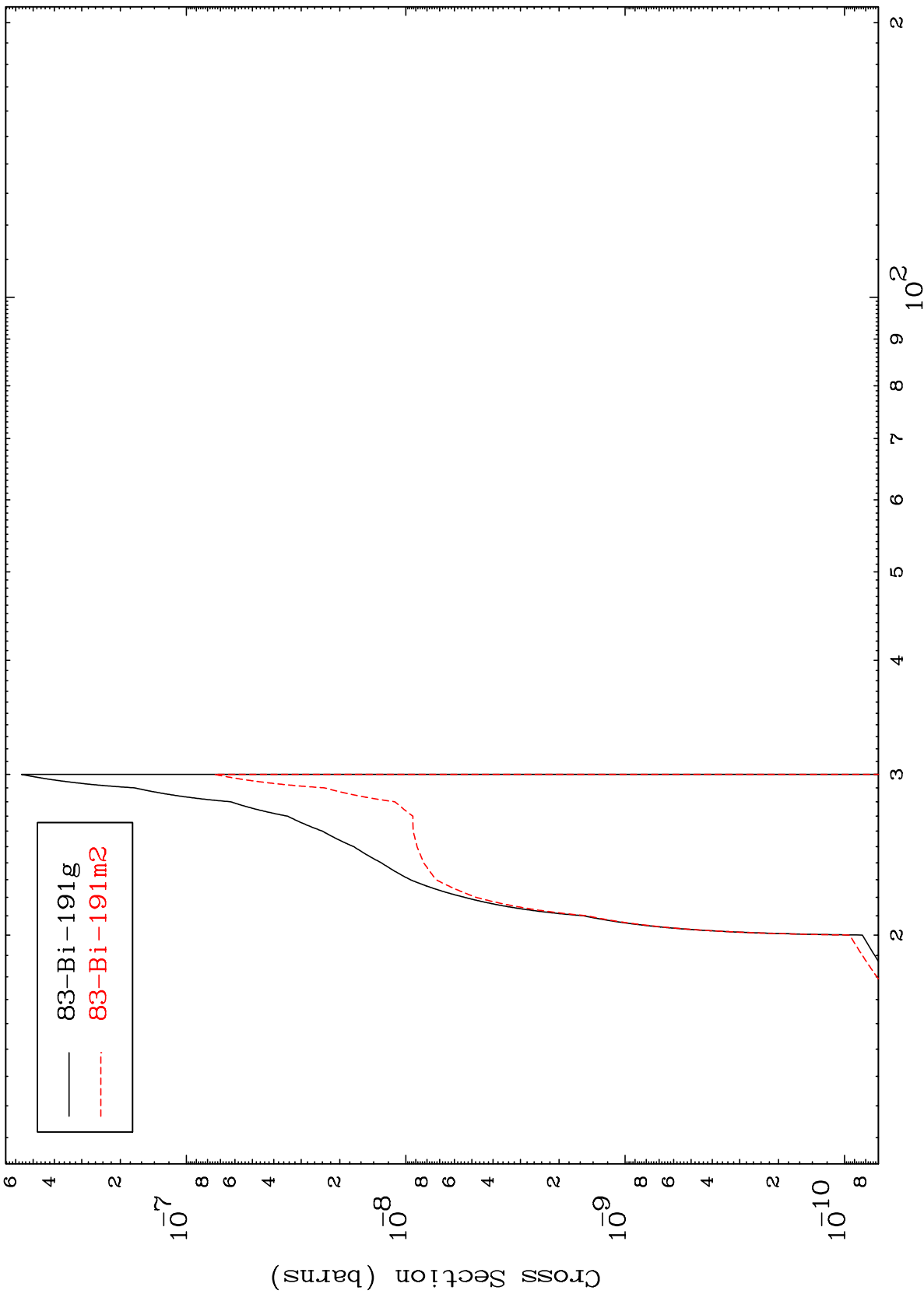
85-At-197

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(n,3n) α

85-At-197

Radionuclide Production Cross Section

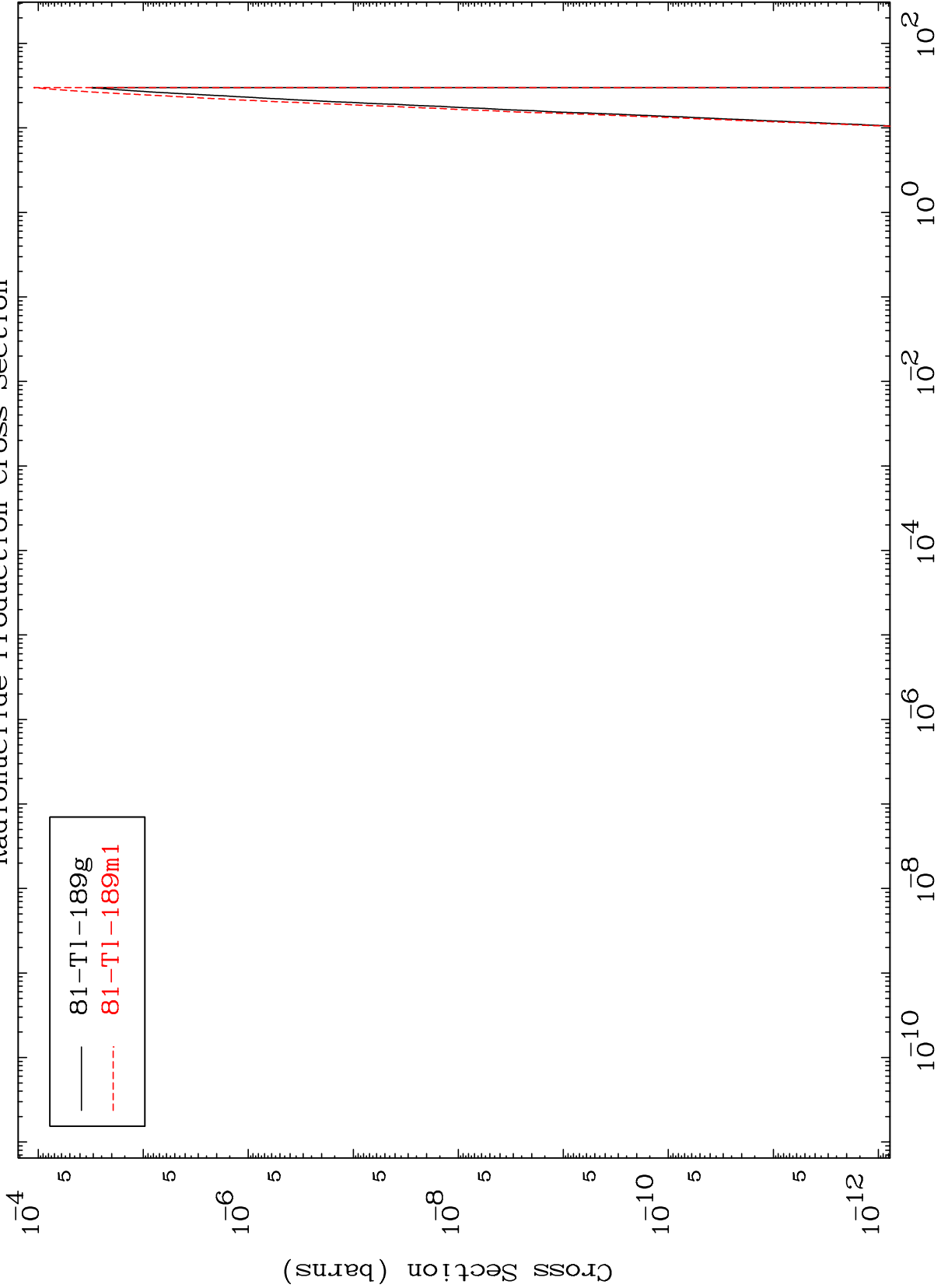


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(n,n') 2 α

85-At-197

Radionuclide Production Cross Section



81-Tl-189g
81-Tl-189m1

Incident Energy (MeV)

85-At-197

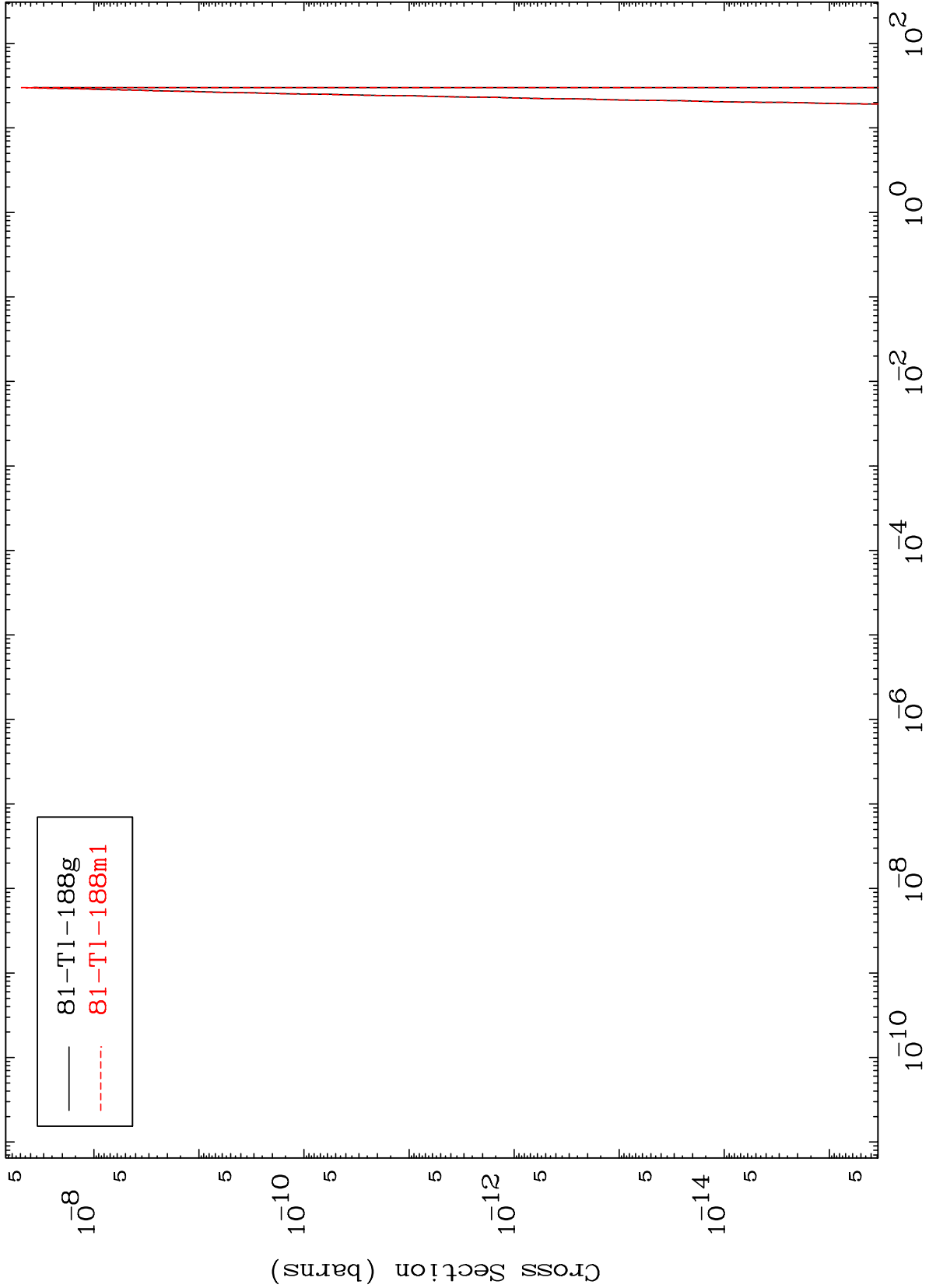
22

MAT 8508

(n,2n) 2α

85-At-197

Radionuclide Production Cross Section

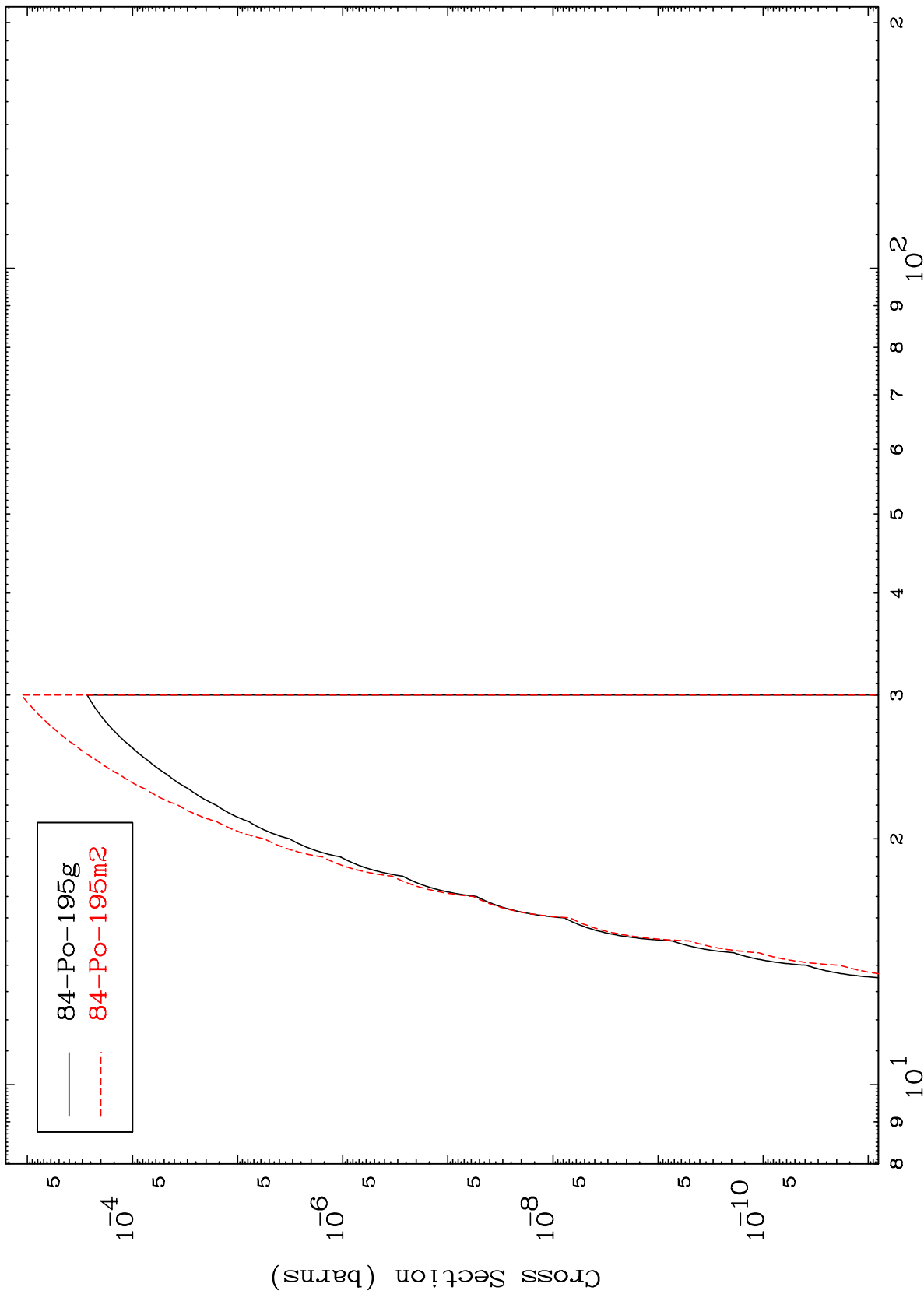


MAT 8508

(n,n') d

85-At-197

Radionuclide Production Cross Section



24

Incident Energy (MeV)

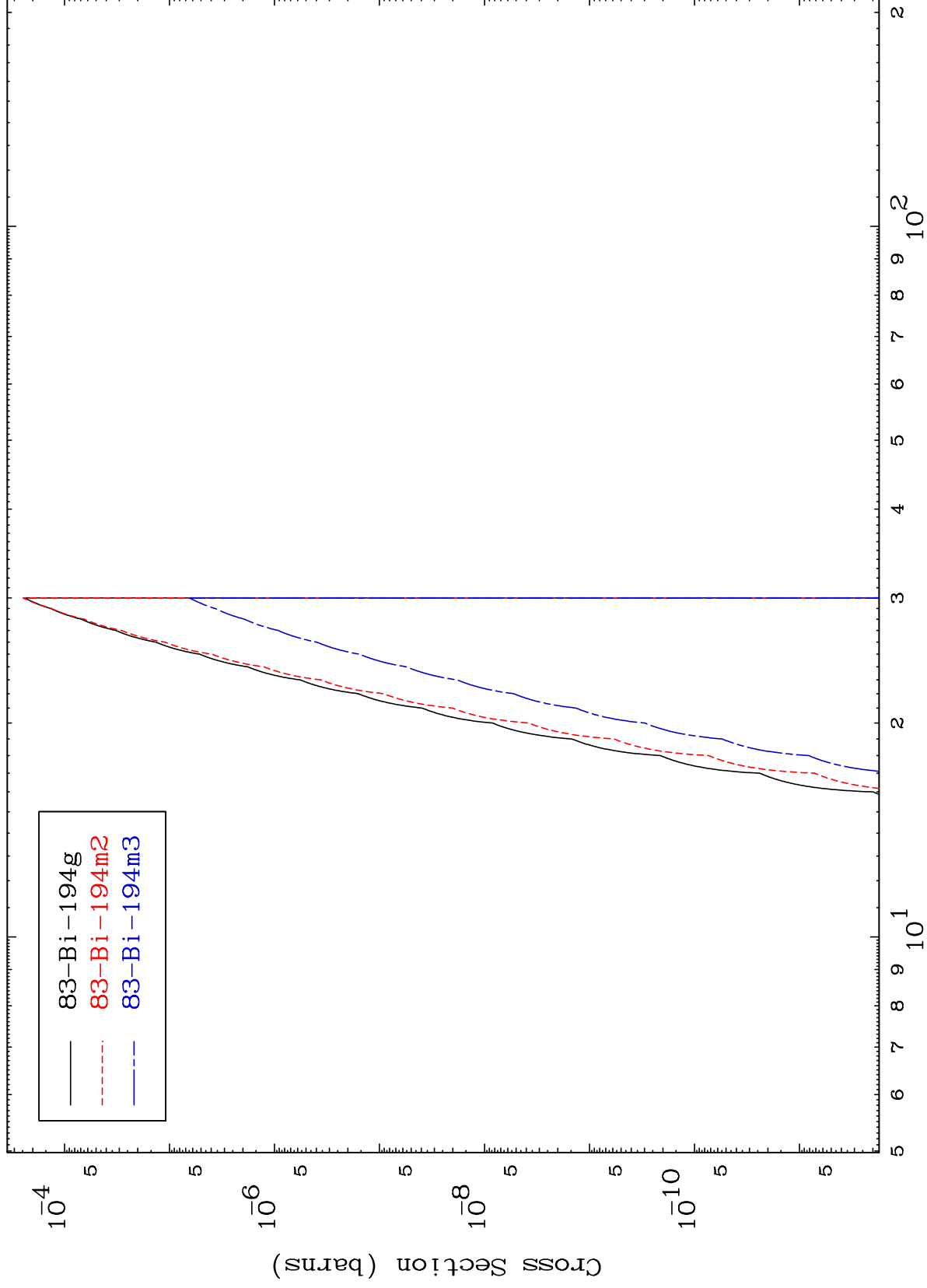
85-At-197

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(n,n') He-3

85-At-197

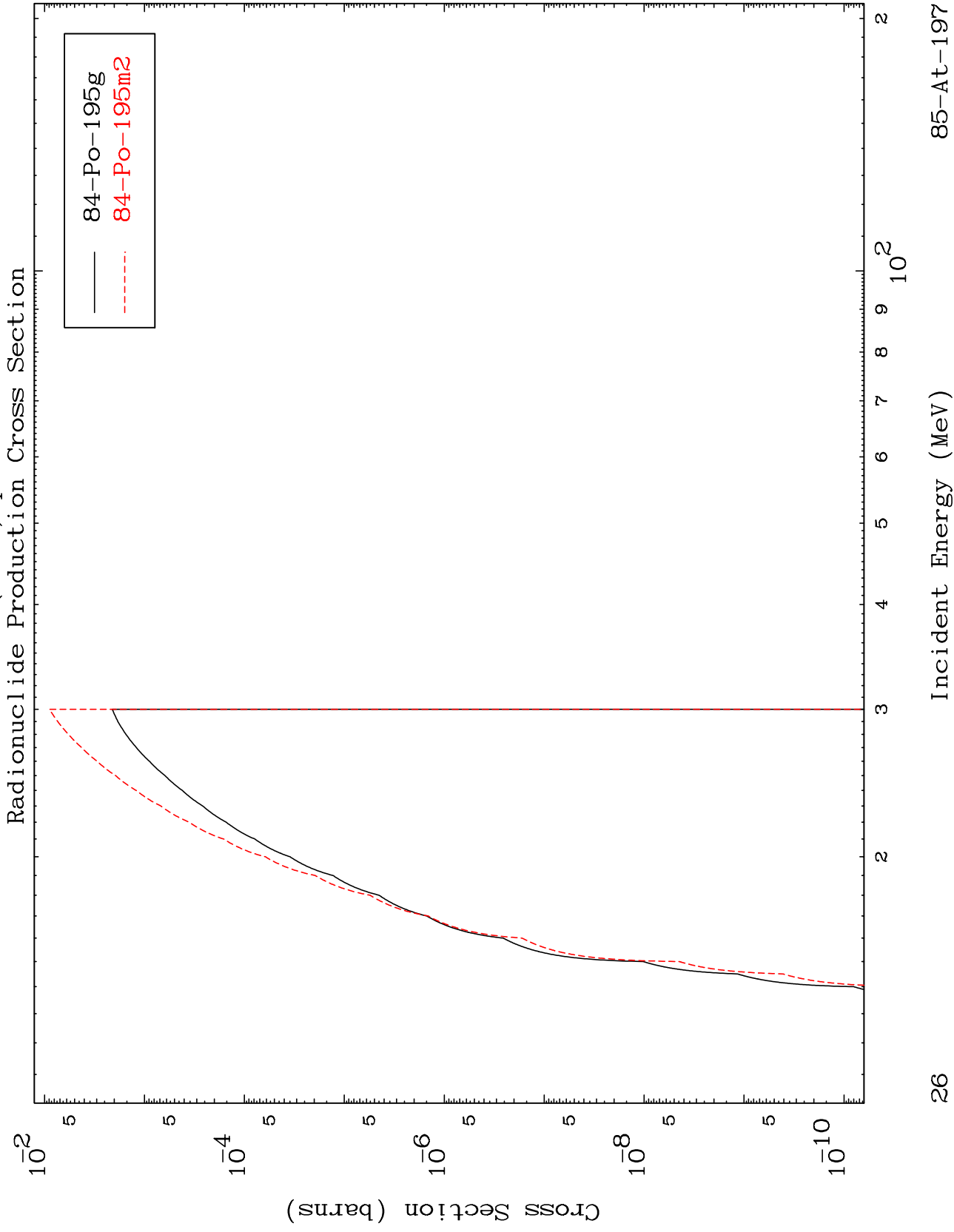
Radionuclide Production Cross Section



25

Incident Energy (MeV)

85-At-197

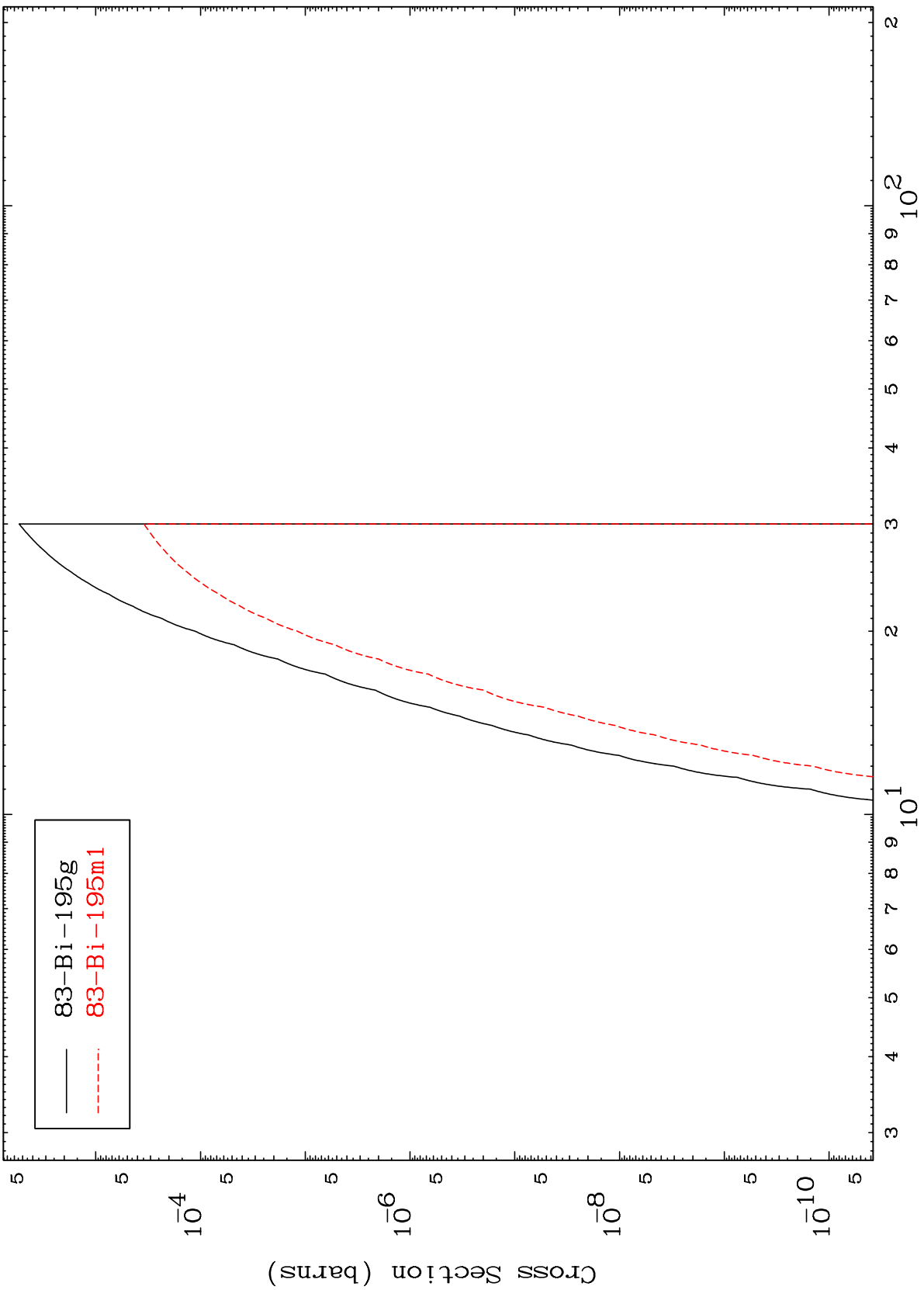


MAT 8508

85-At-197

(n,2n) p

Radionuclide Production Cross Section



83-Bi-195g
83-Bi-195m1

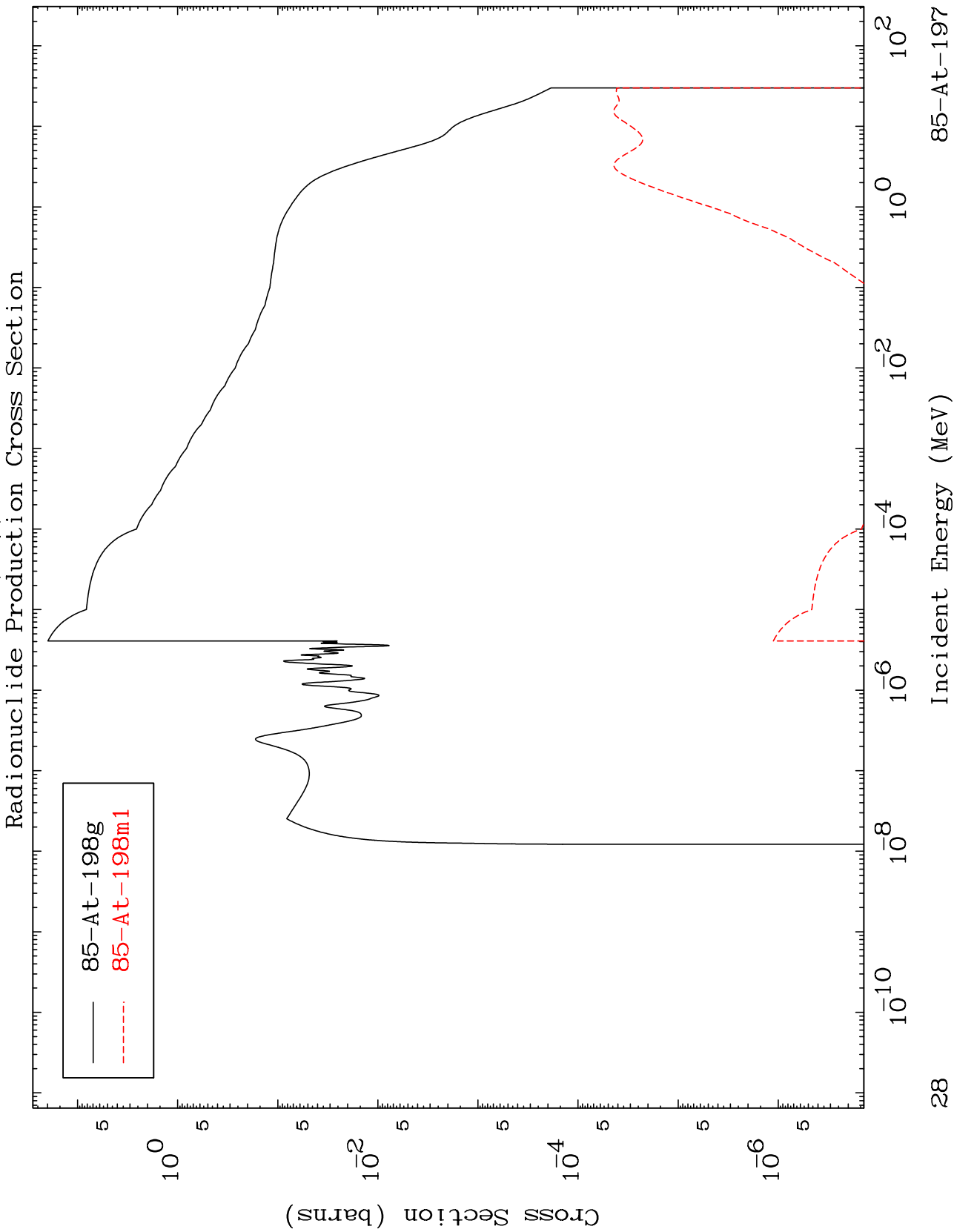
27

Incident Energy (MeV)

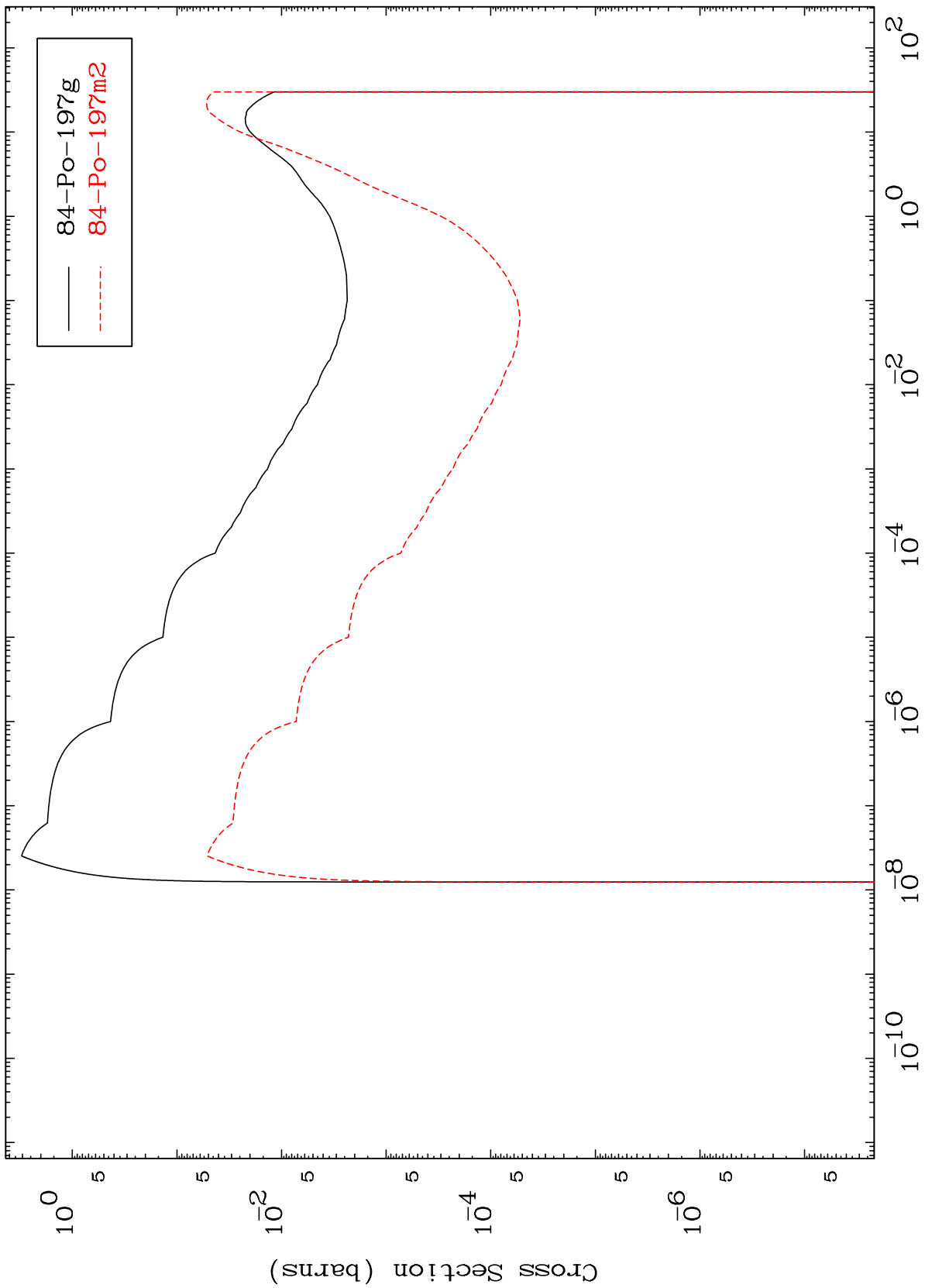
85-At-197

MAT 8508

85-At-197

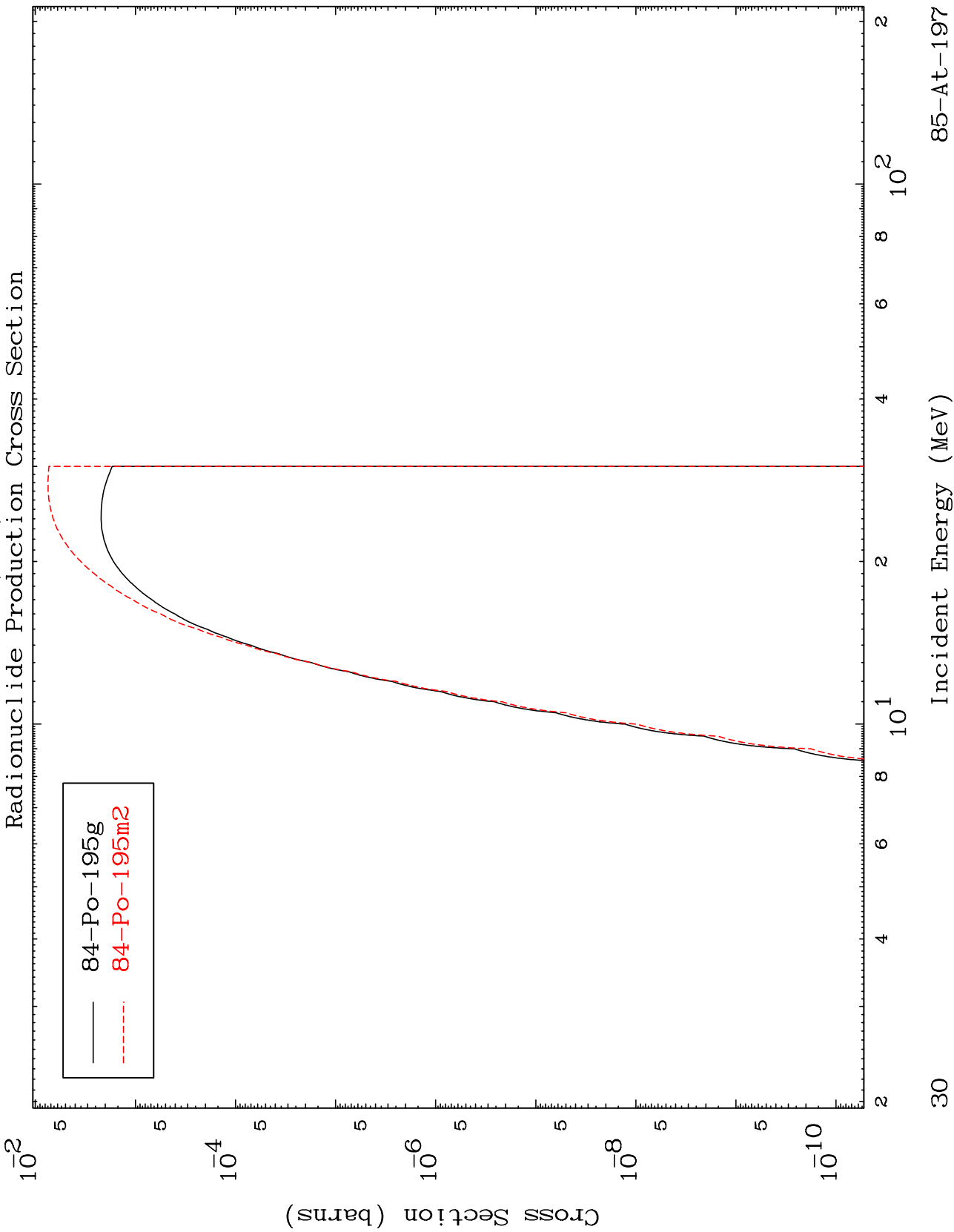


(n,p)
Radionuclide Production Cross Section



MAT 8508

85-At-197



85-At-197

Incident Energy (MeV)

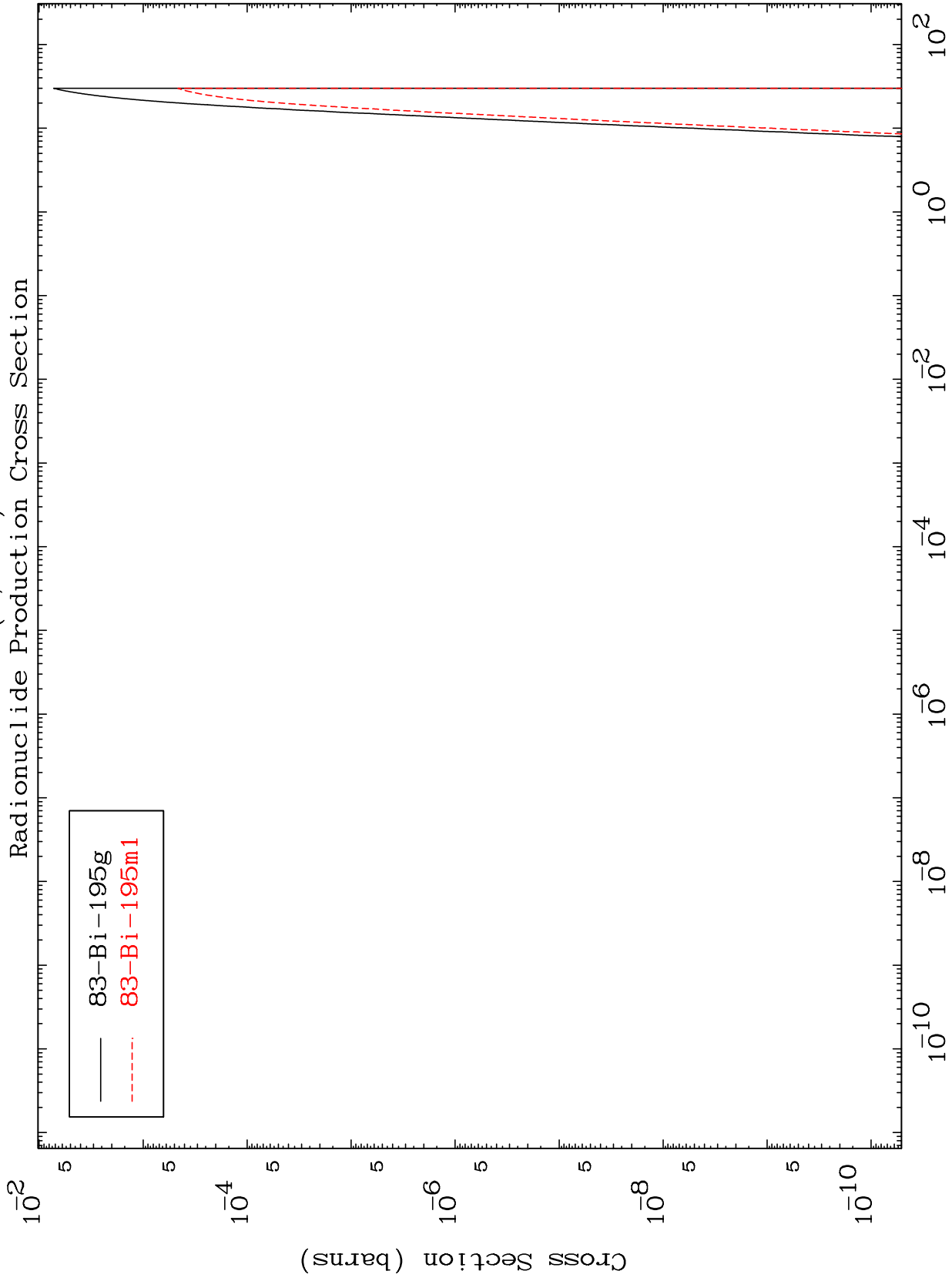
30

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(n,He-3)

85-At-197

Radionuclide Production Cross Section



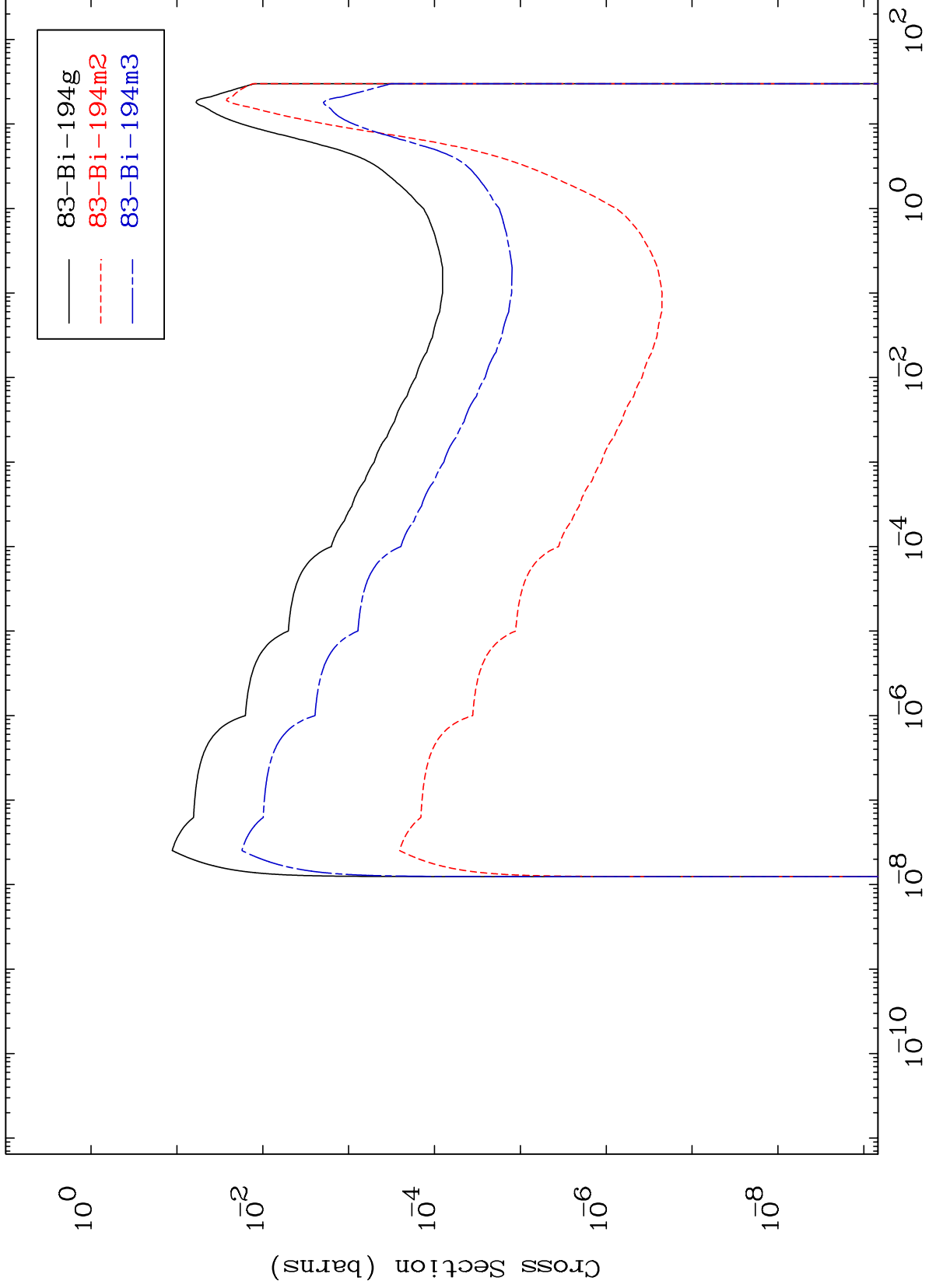
83-Bi-195g
83-Bi-195m1

Incident Energy (MeV)

85-At-197

31

(n, α)
Radionuclide Production Cross Section

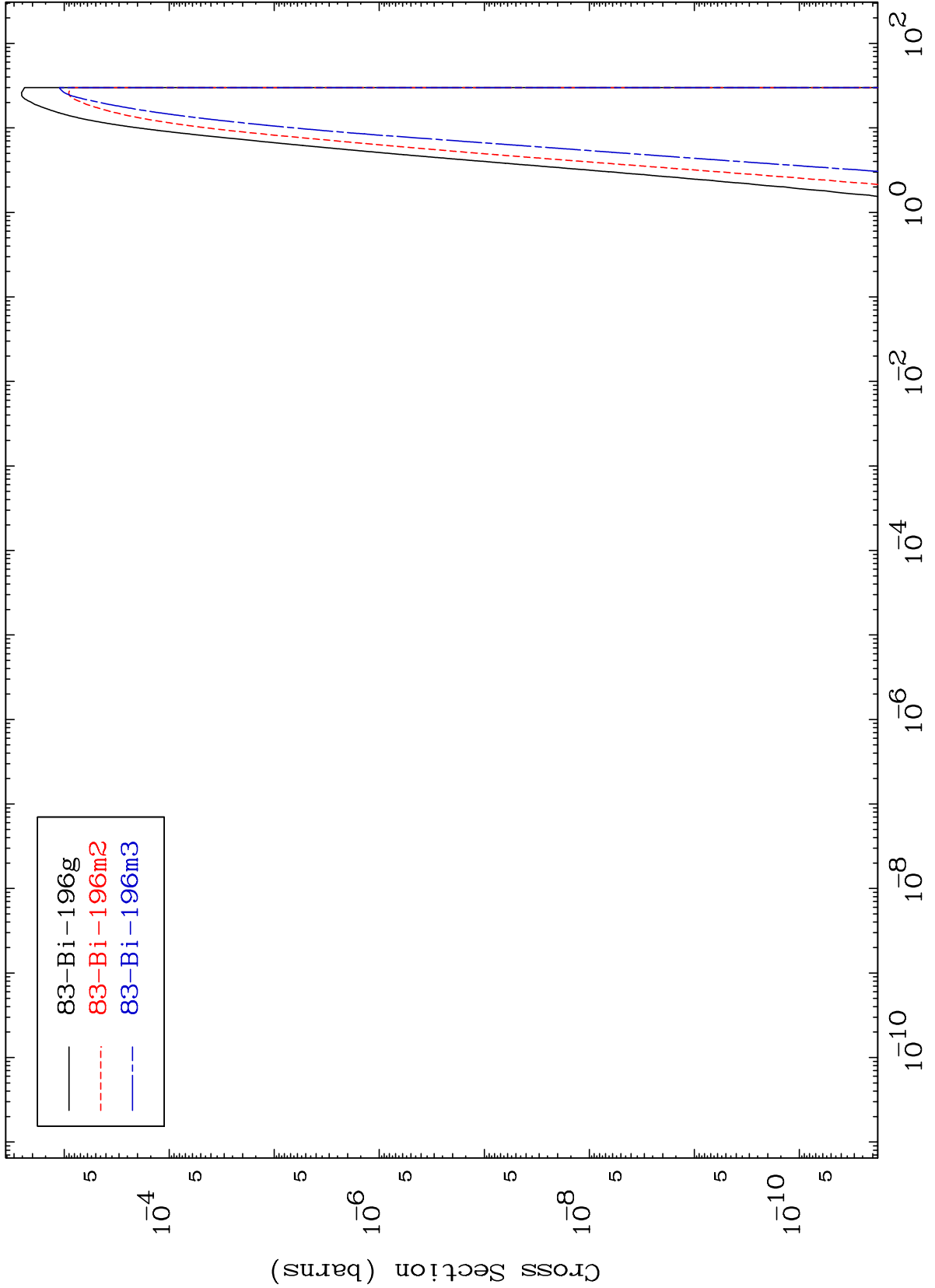


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(n,2p)

85-At-197

Radionuclide Production Cross Section

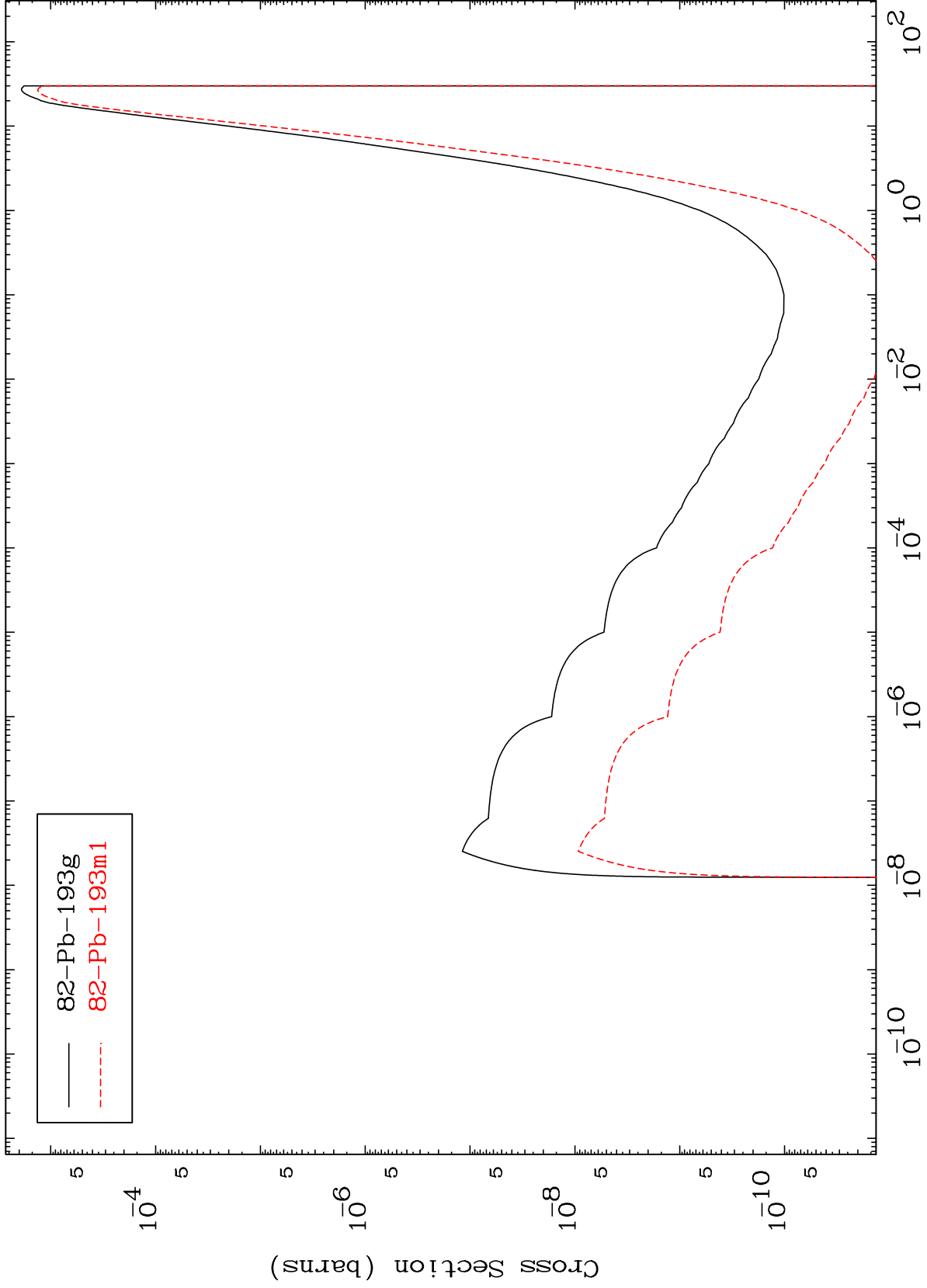


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(n,p) α

85-At-197

Radionuclide Production Cross Section

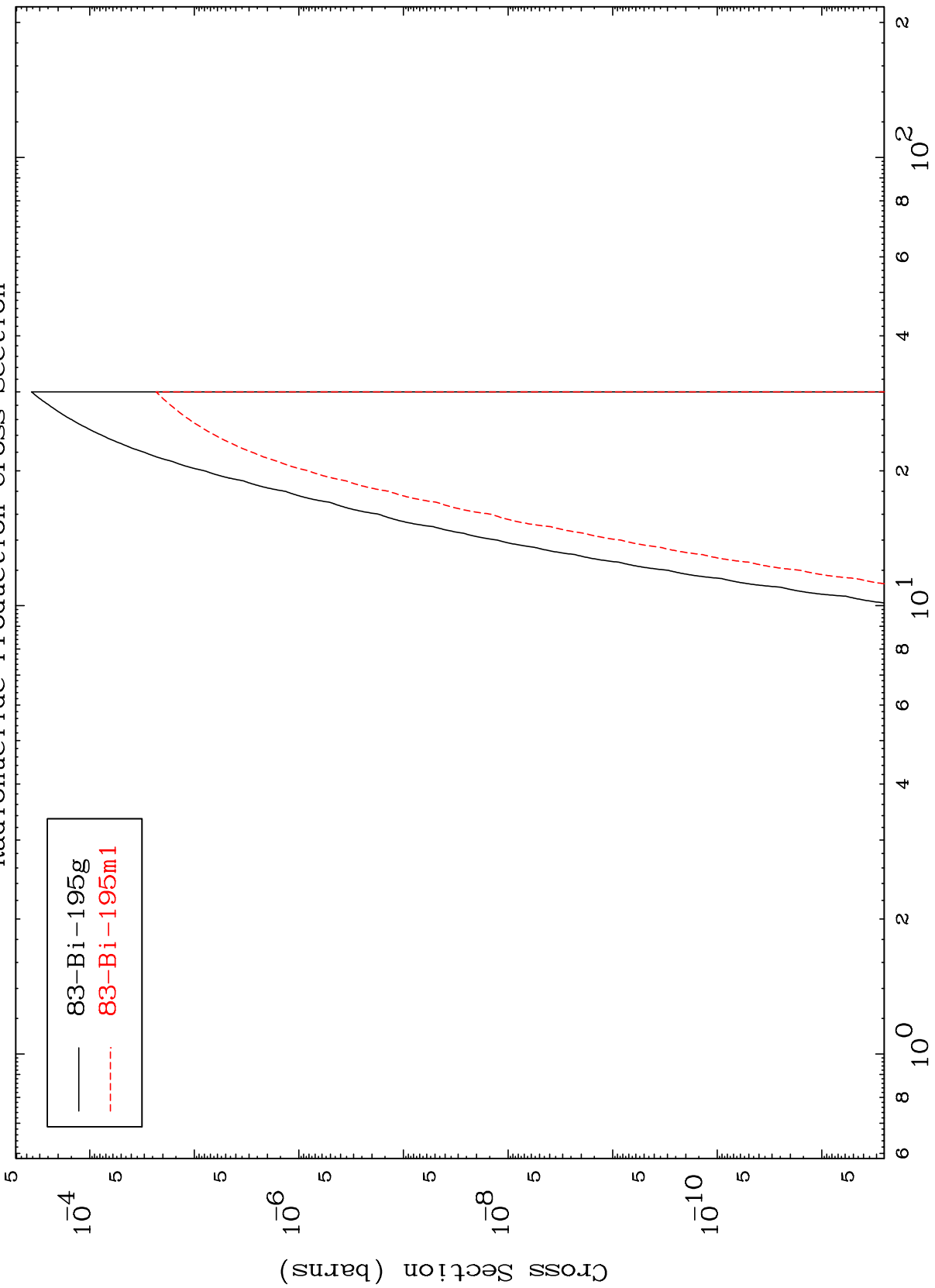


MAT 8508

(n,p) d

85-At-197

Radionuclide Production Cross Section



35

Incident Energy (MeV)

85-At-197

Radionuclide Production Cross Section

