

Program EVALPLOT
(Version 2021-1)

by

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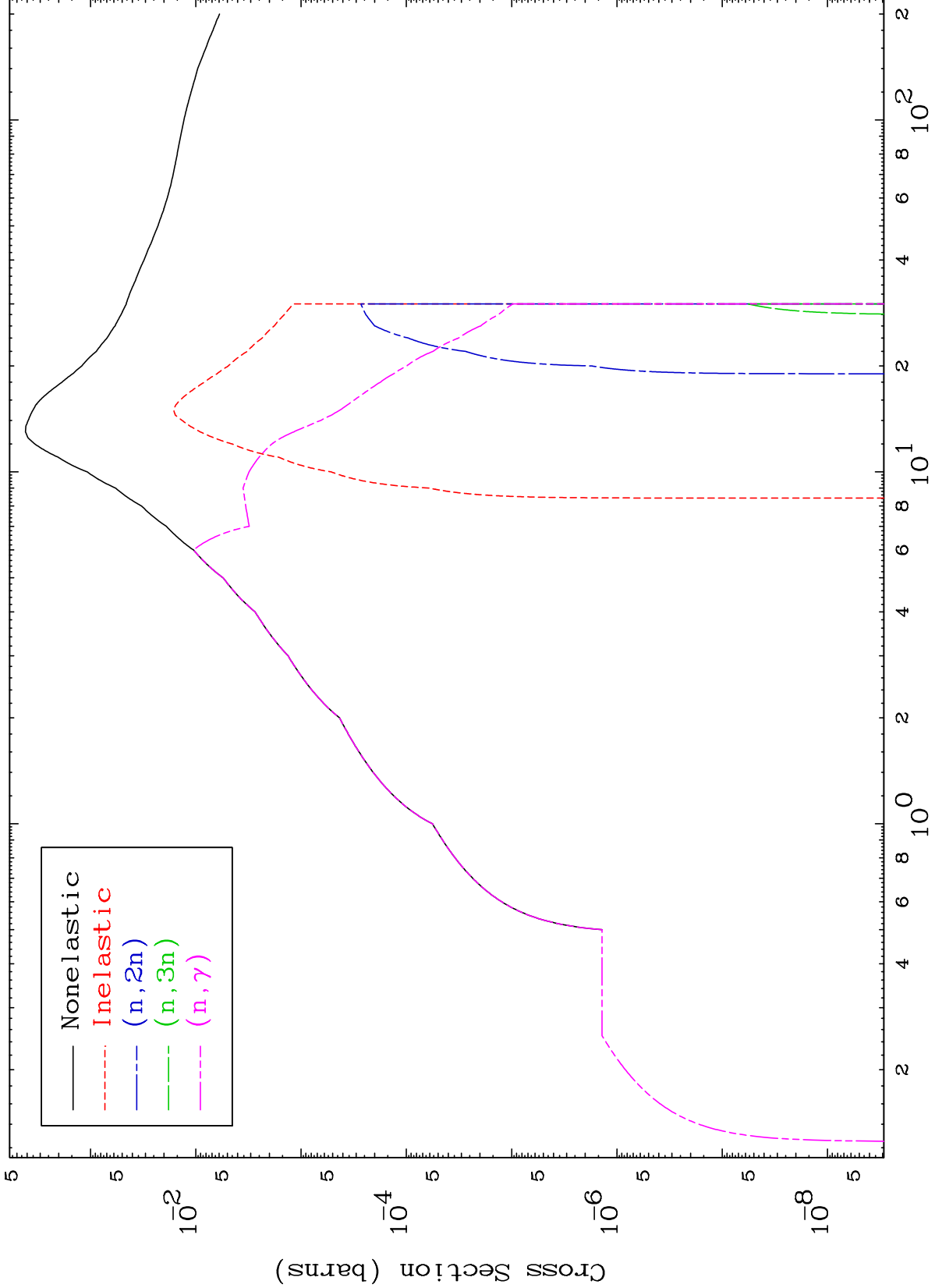
Press Mouse Button to Start

MAT 8510

Photon Major

85-At-198

0 Kelvin Cross Sections



1

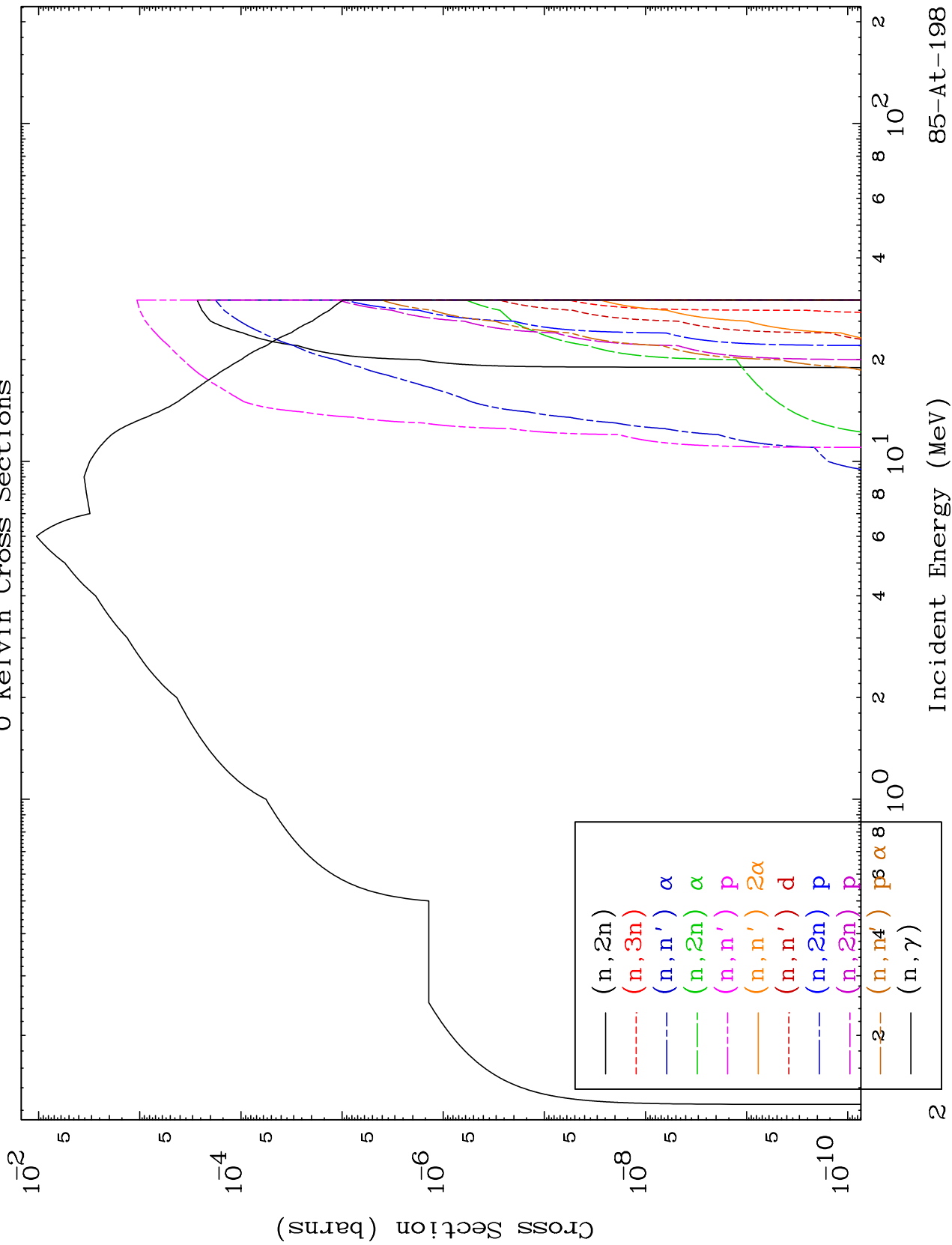
Incident Energy (MeV)

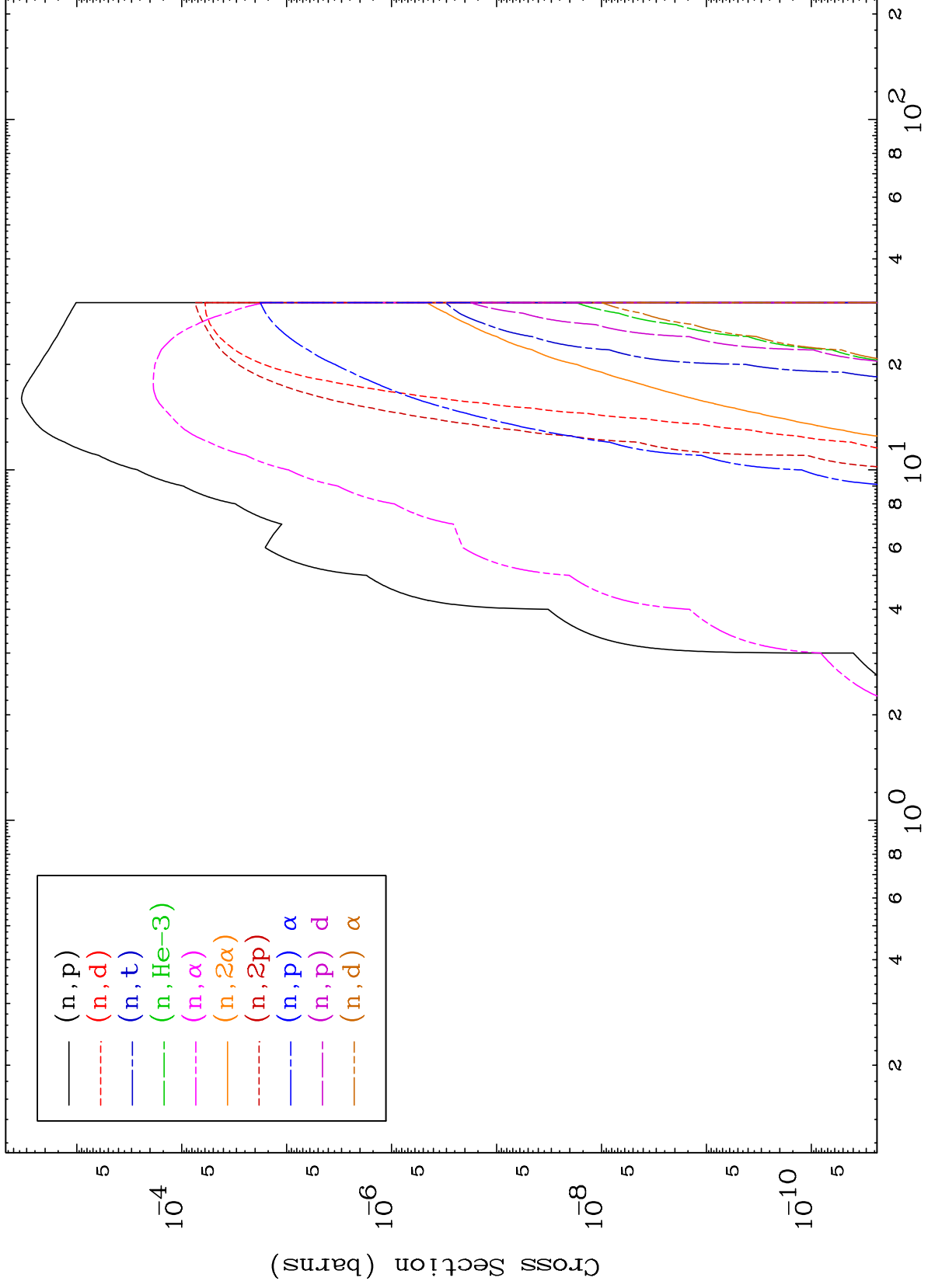
85-At-198

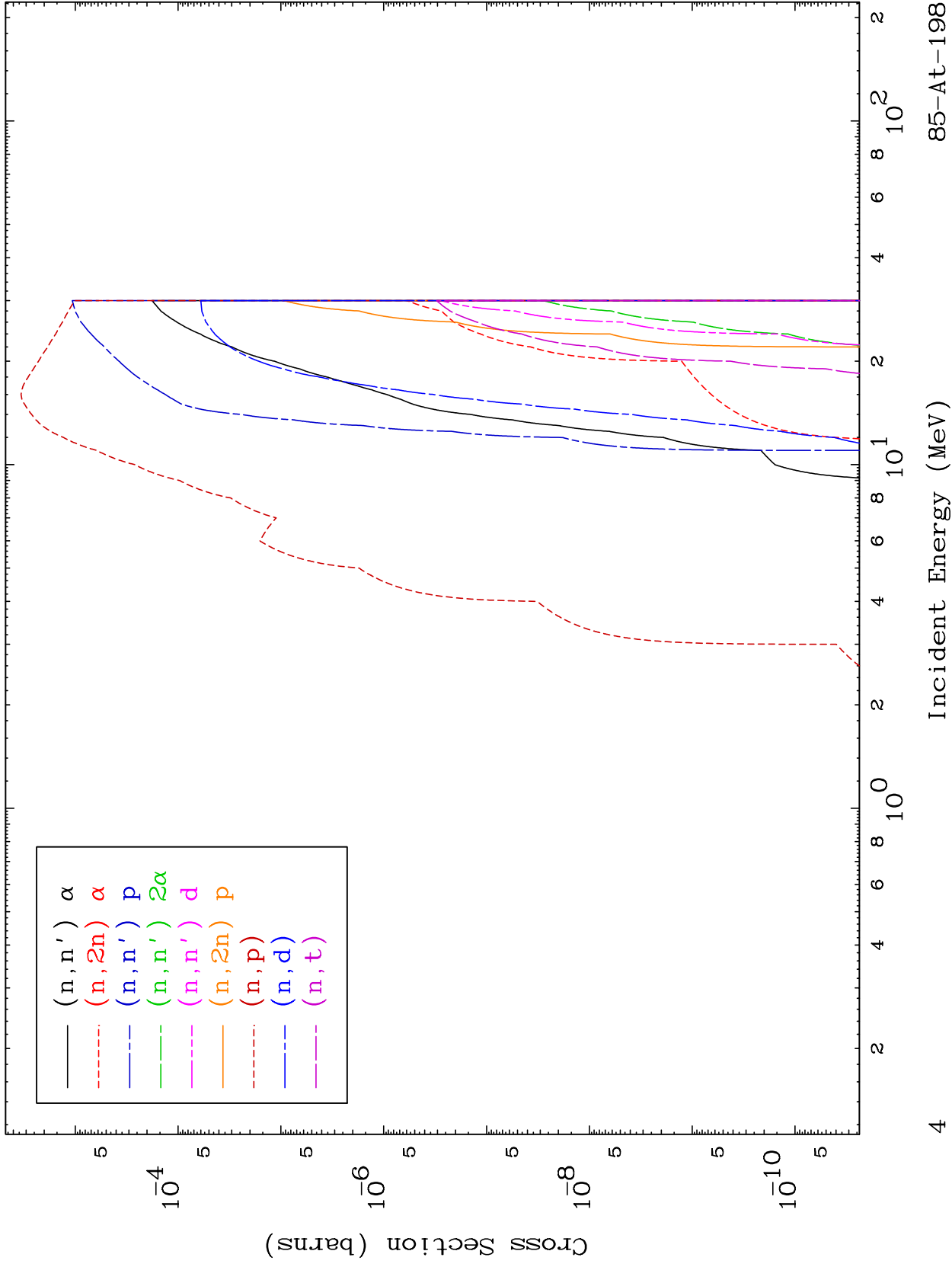
MAT 8510

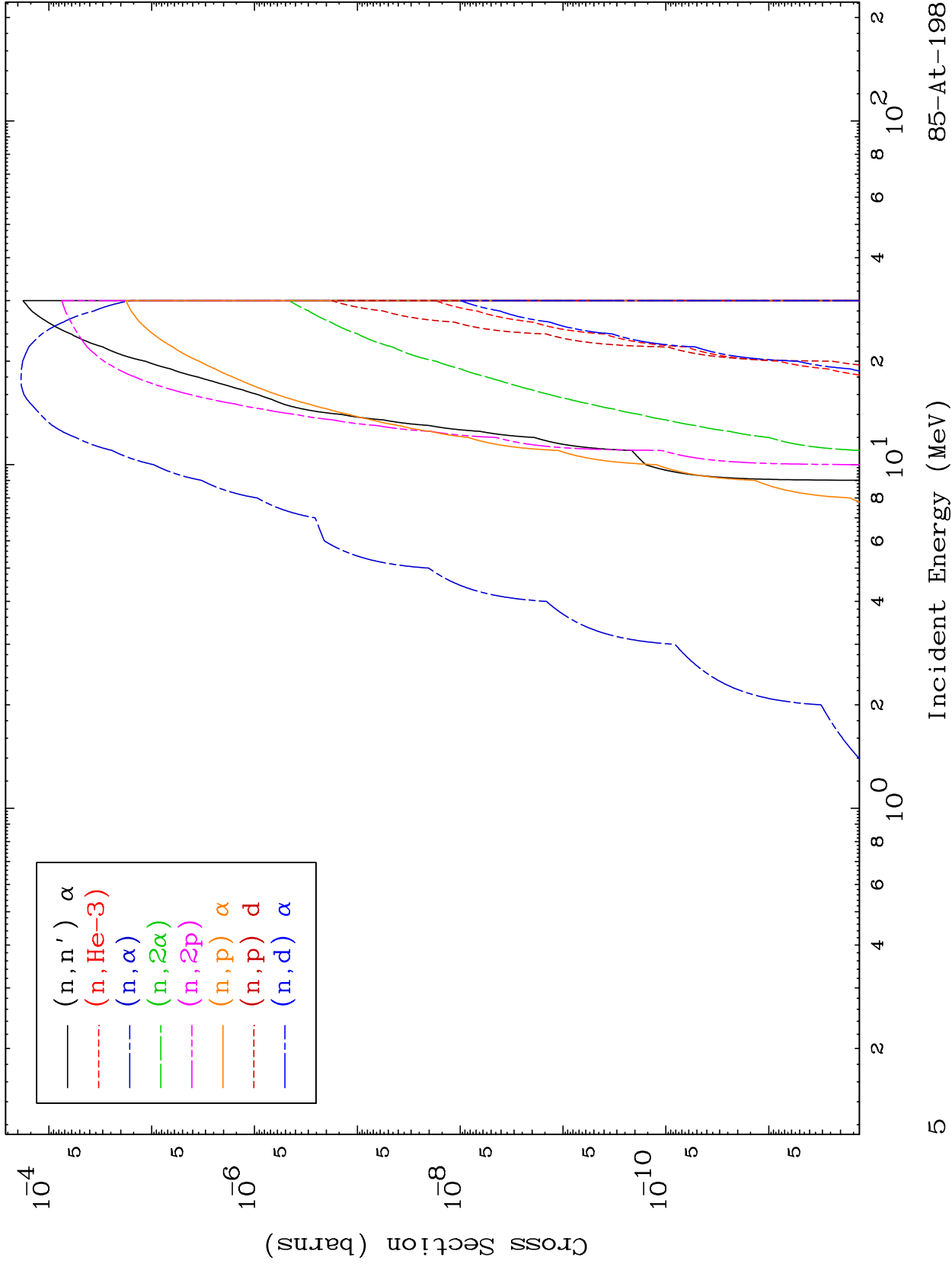
Photon Neutron Absorption
0 Kelvin Cross Sections

85-At-198







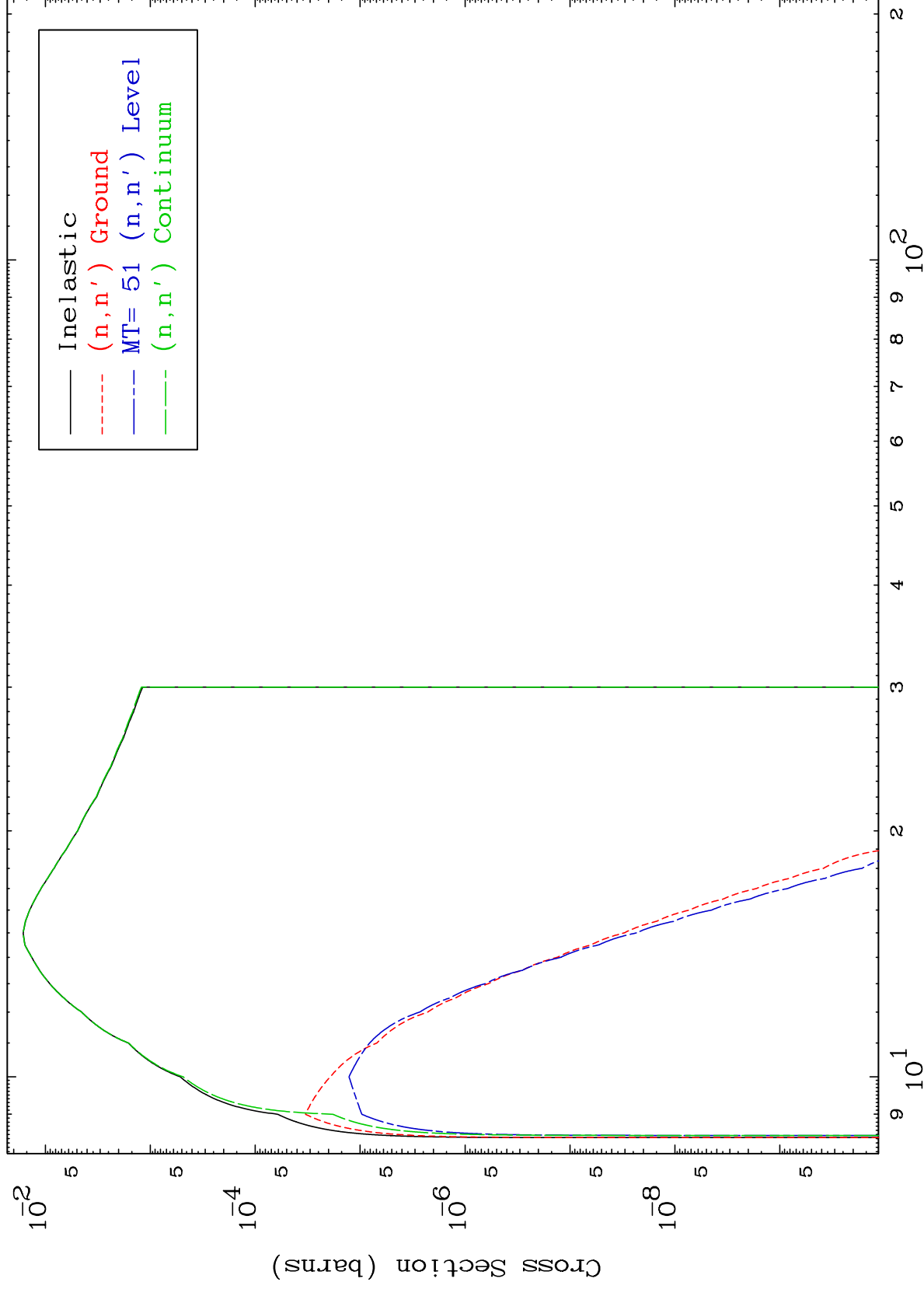


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(γ, n') Levels

85-At-198

0 Kelvin Cross Sections



Incident Energy (MeV)

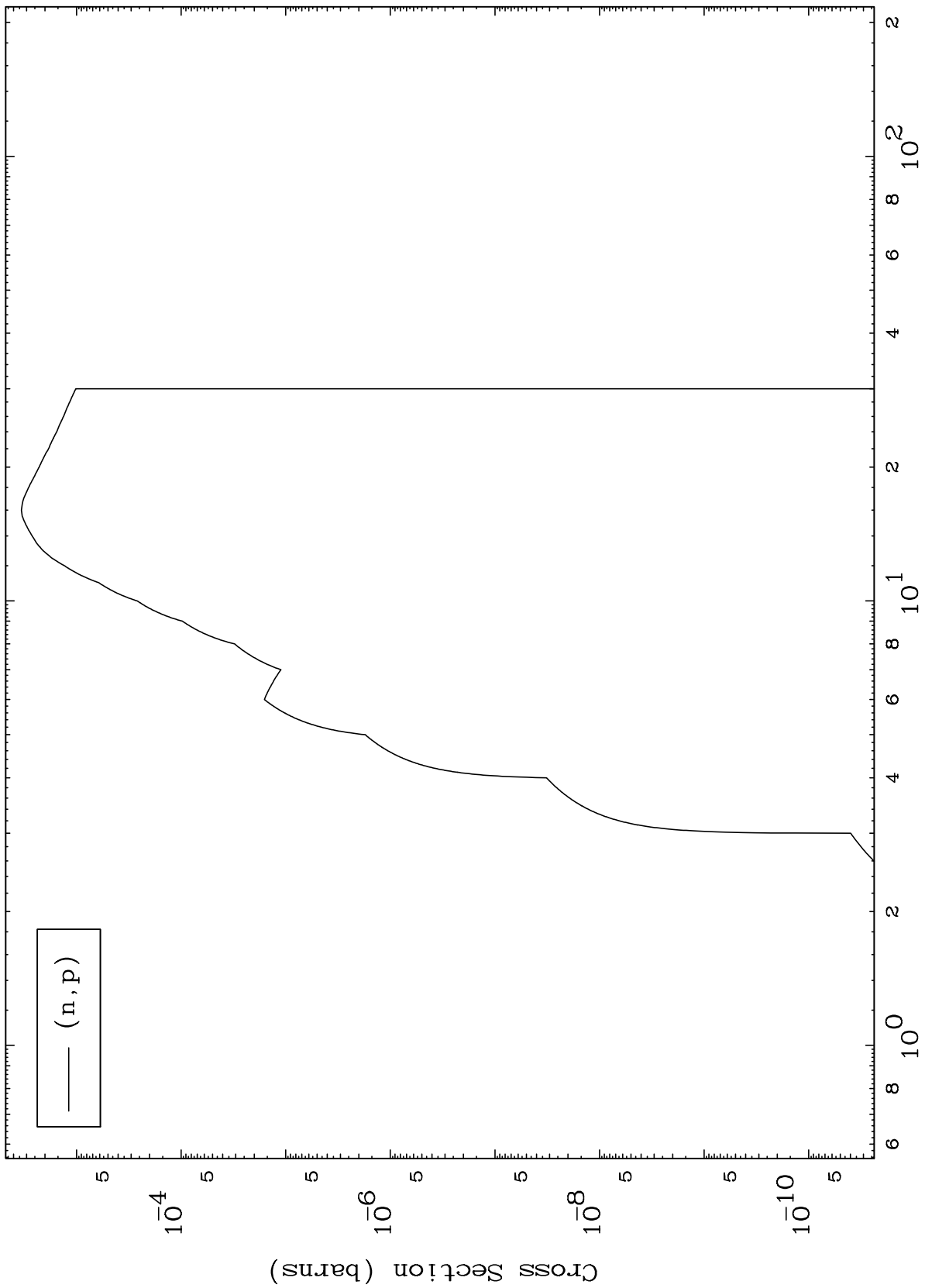
85-At-198

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85-At-198

(γ, p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

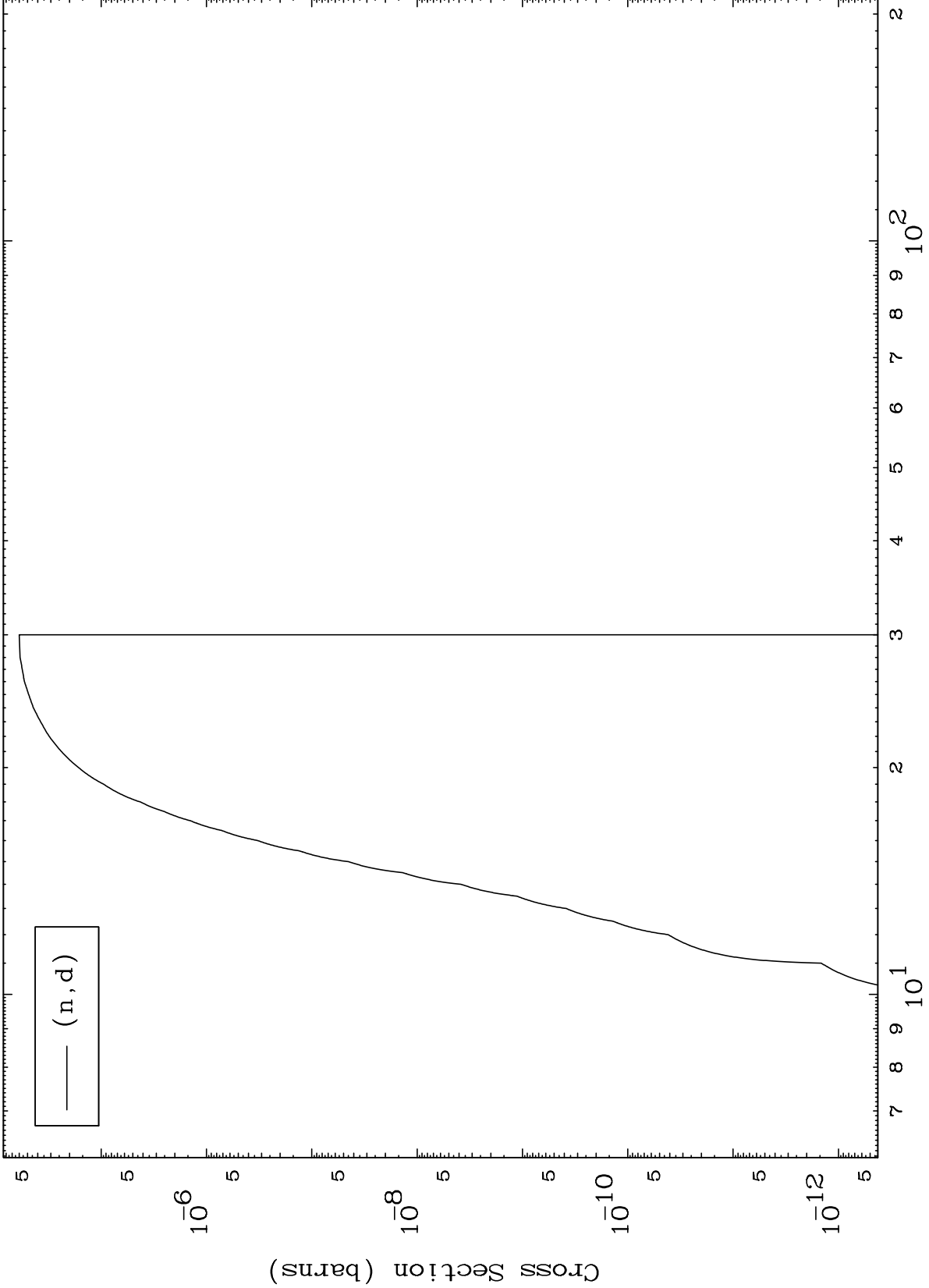
85-At-198

MAT 8510

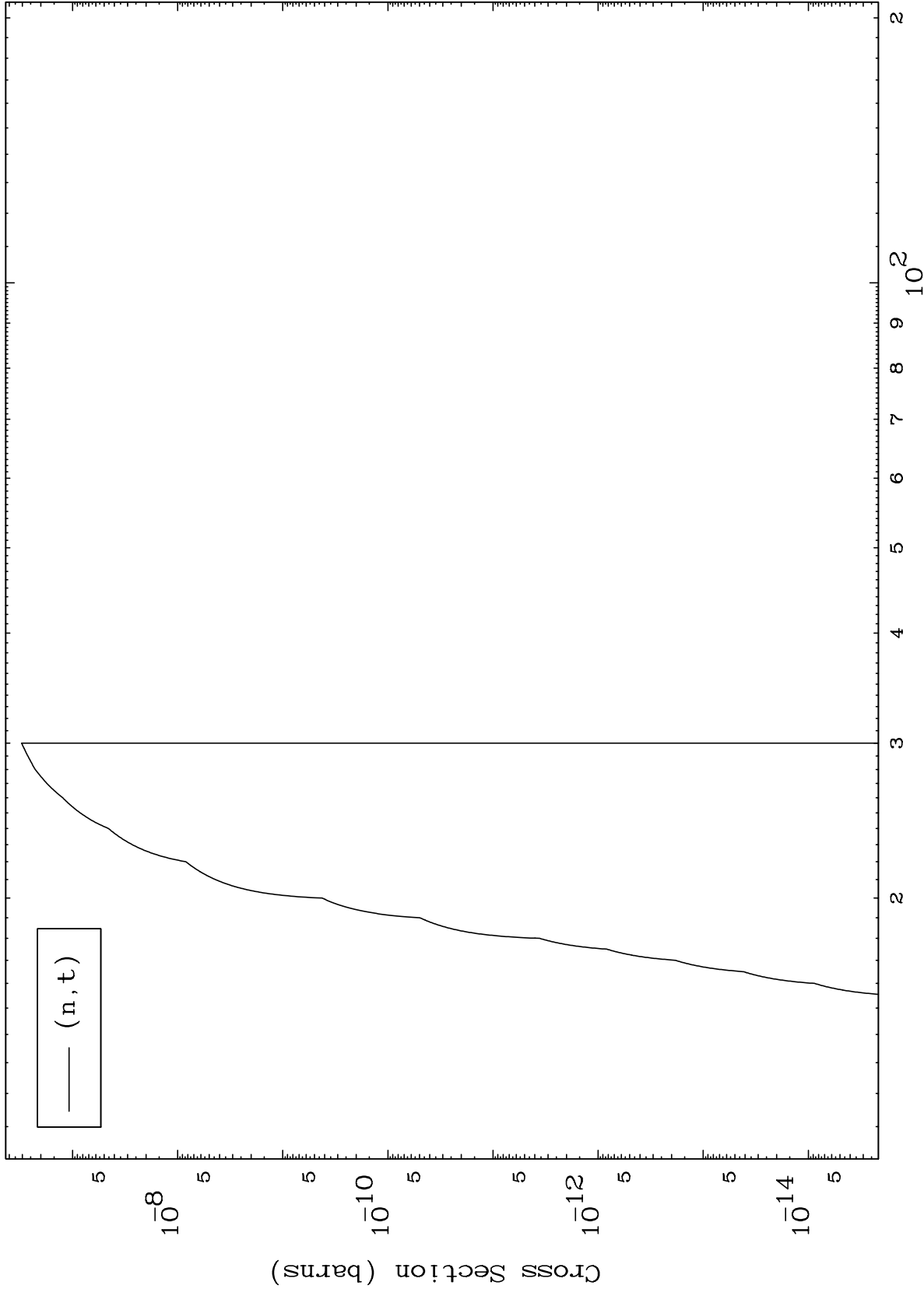
(γ, d) Levels

85-At-198

0 Kelvin Cross Sections



0 Kelvin Cross Sections

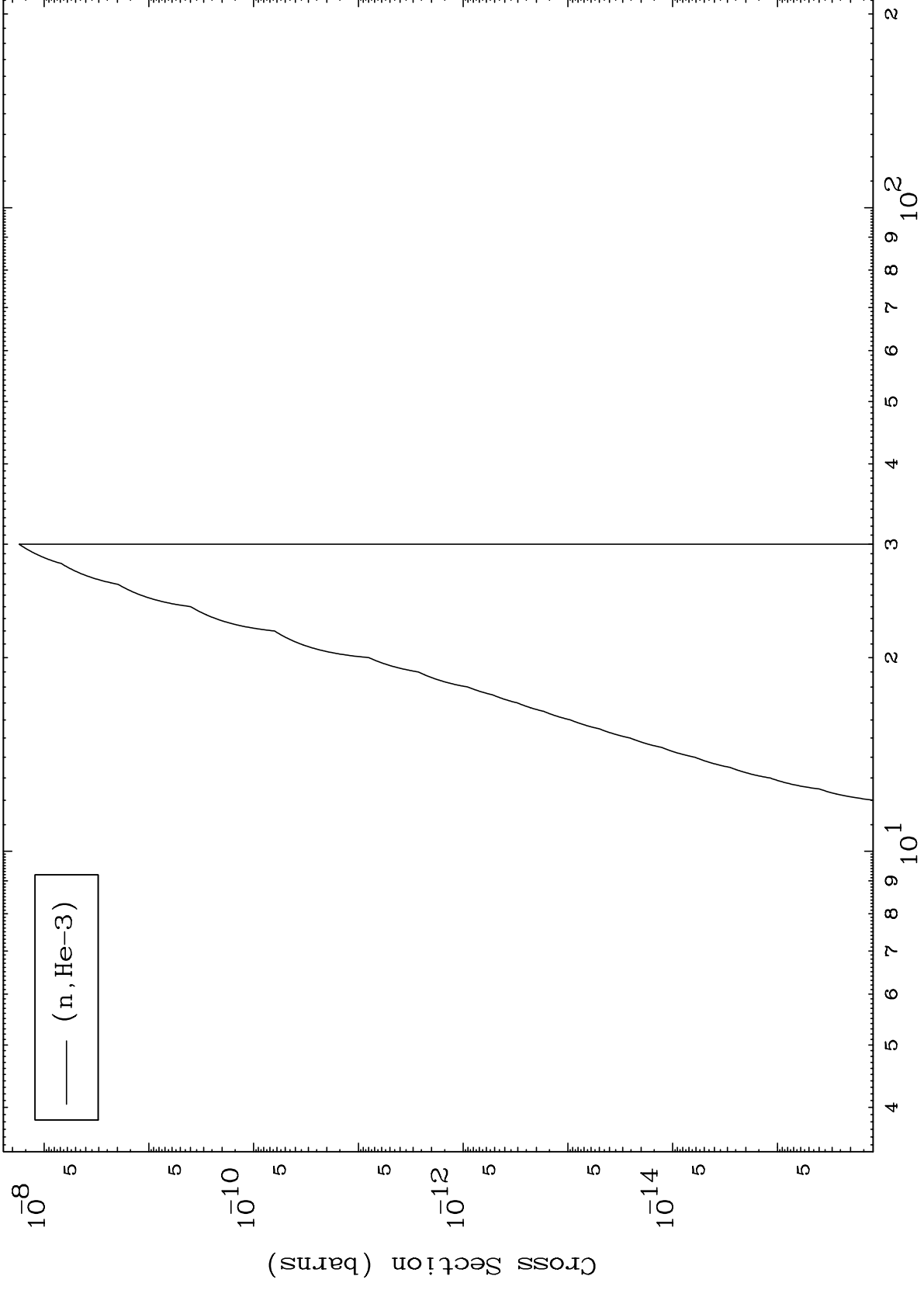


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(γ ,He3) Levels

85-At-198

0 Kelvin Cross Sections



10

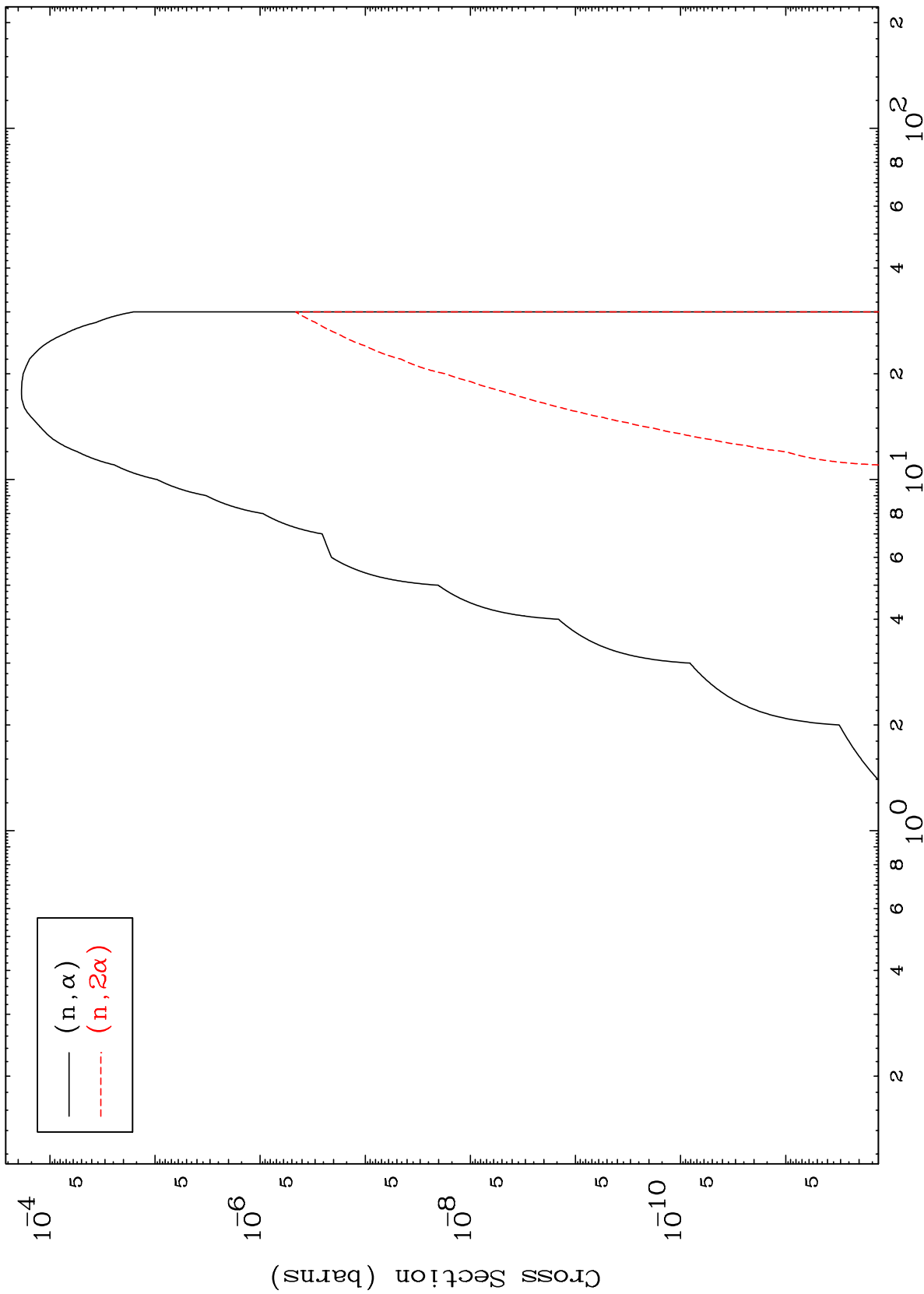
Incident Energy (MeV)

85-At-198

MAT 8510

85-At-198

(γ, α) Levels
0 Kelvin Cross Sections



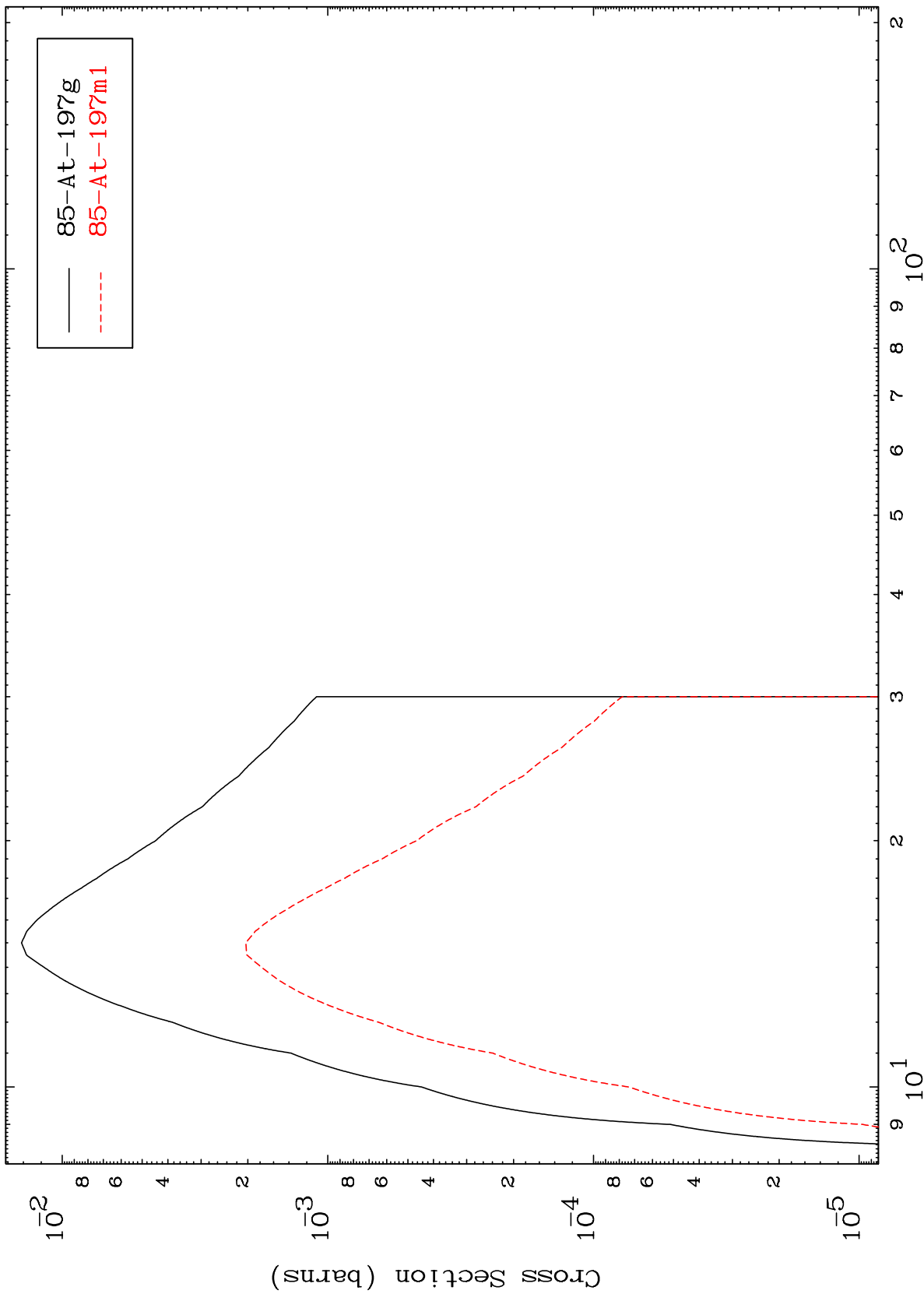
85-At-198

Incident Energy (MeV)

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85-At-198

Inelastic
Radionuclide Production Cross Section



85-At-198

Incident Energy (MeV)

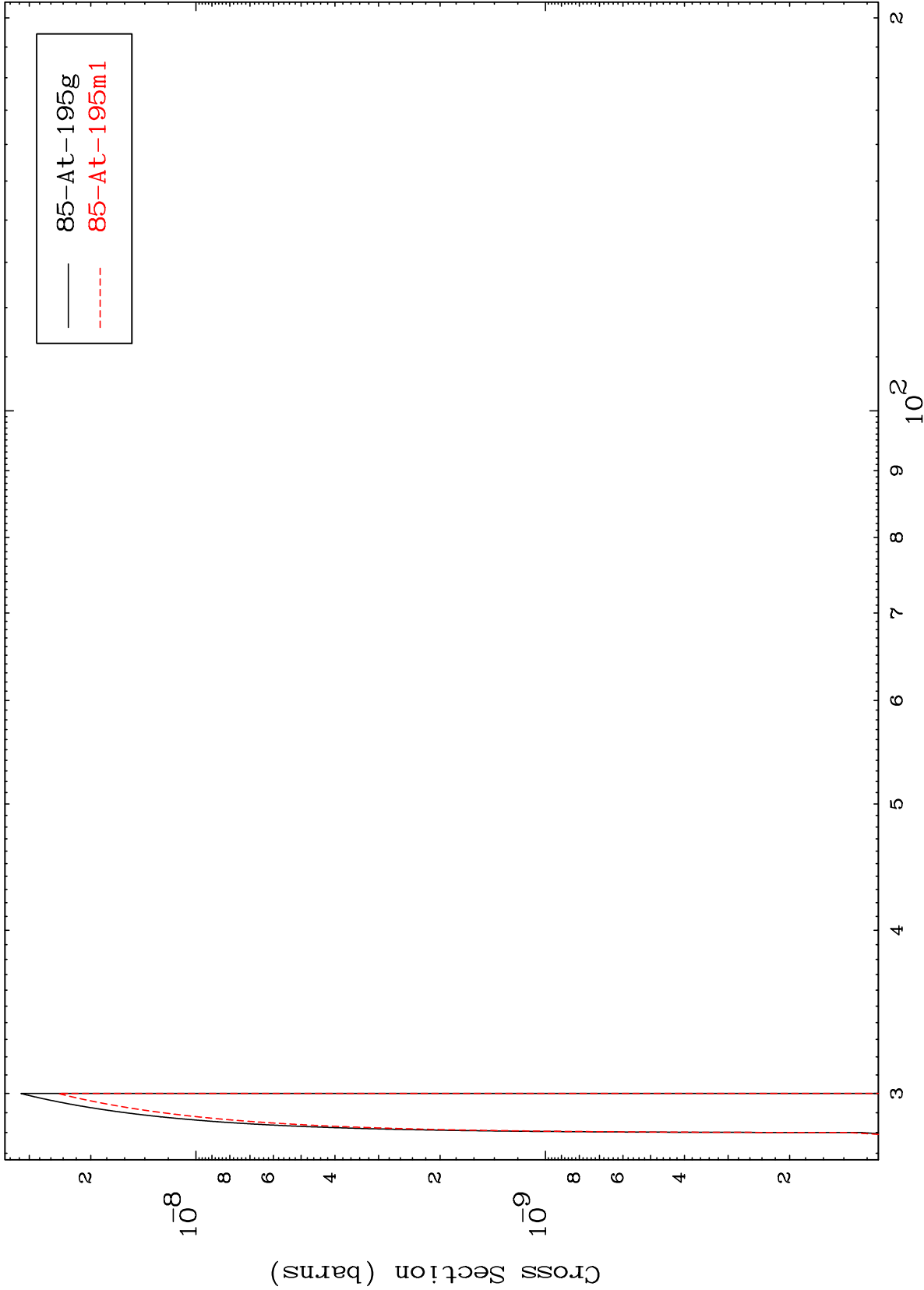
12

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(n,3n)

85-At-198

Radionuclide Production Cross Section



13

Incident Energy (MeV)

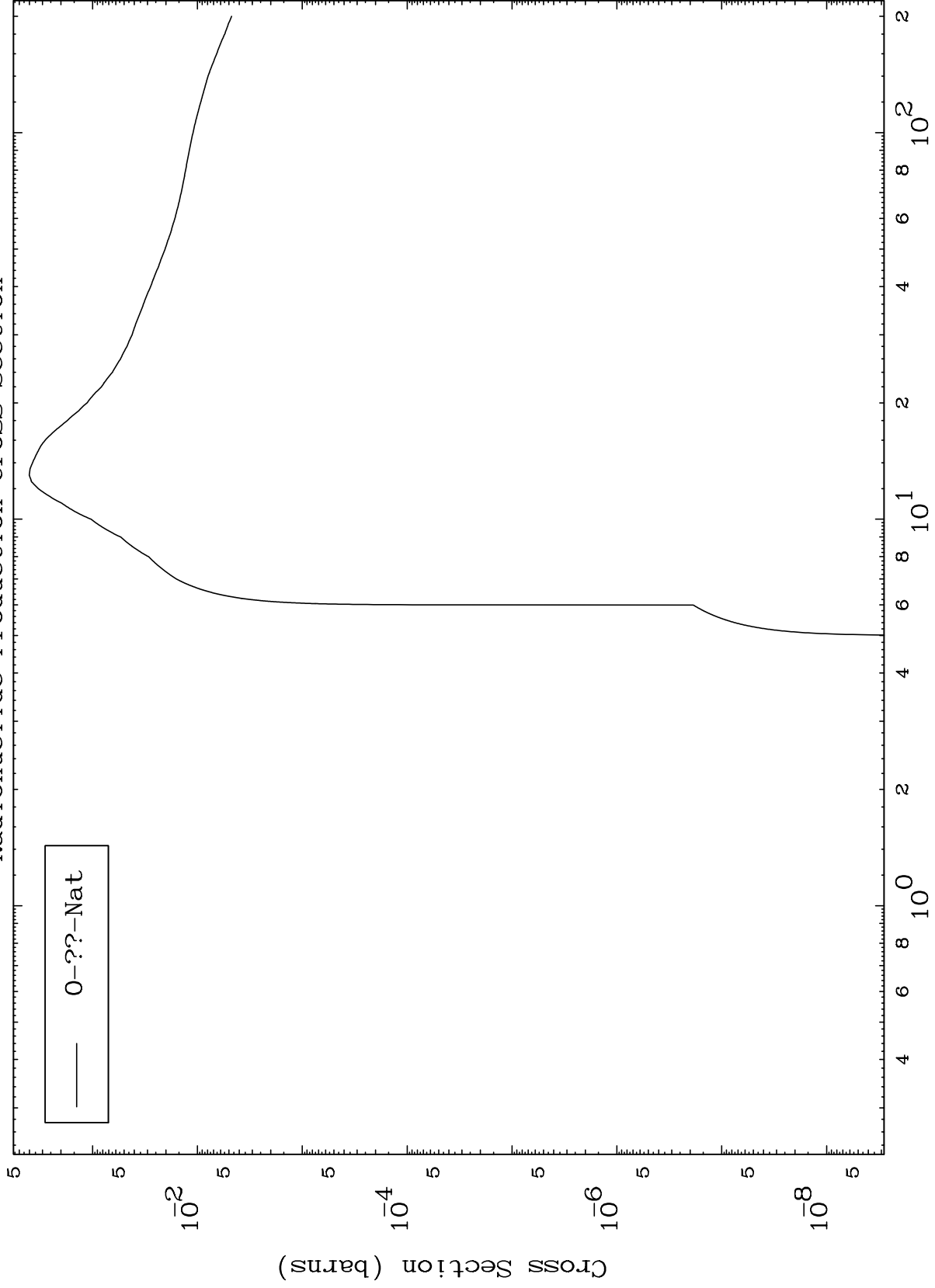
85-At-198

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Fission

85-At-198

Radionuclide Production Cross Section



14

Incident Energy (MeV)

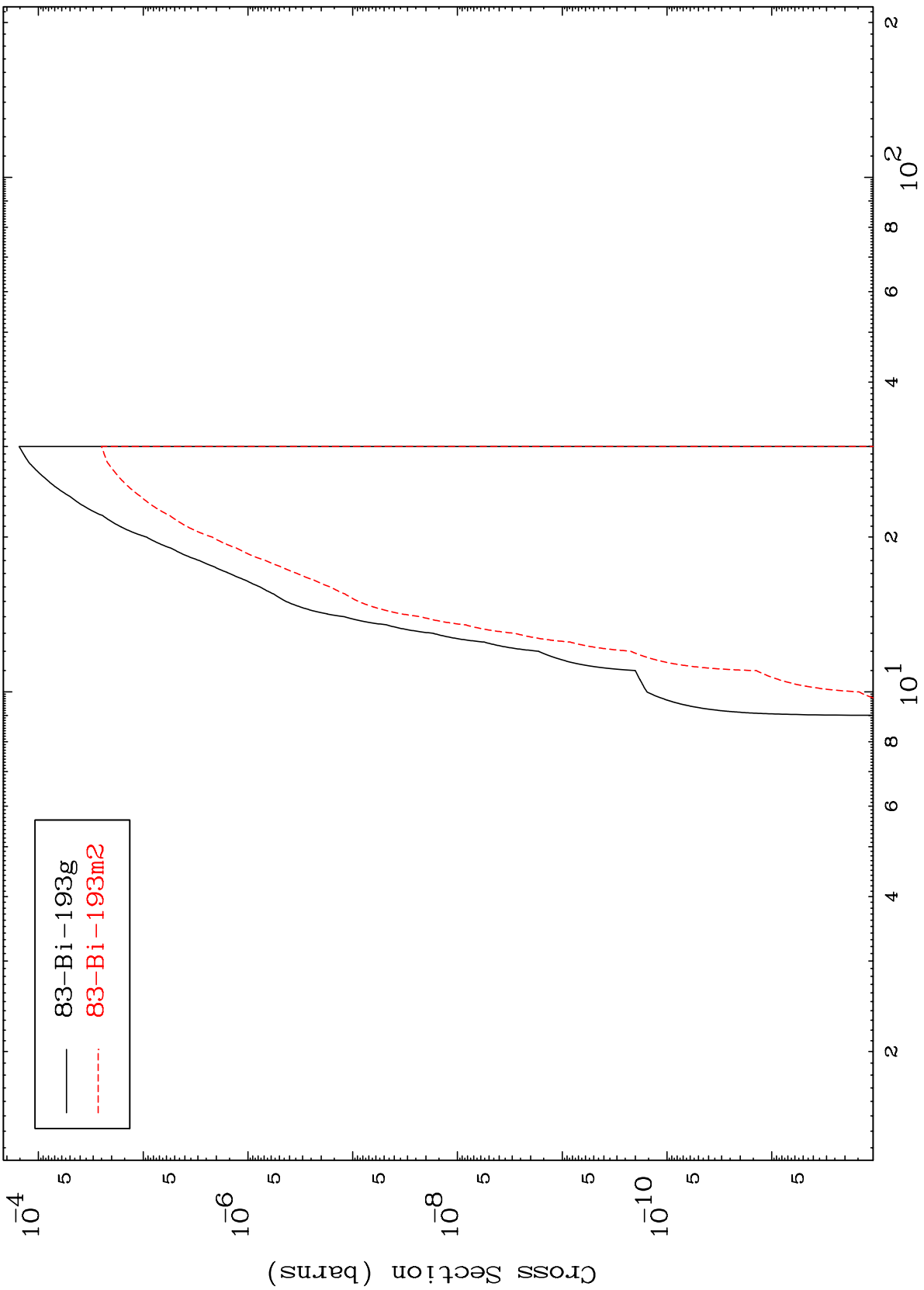
85-At-198

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(n,n') α

85-At-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

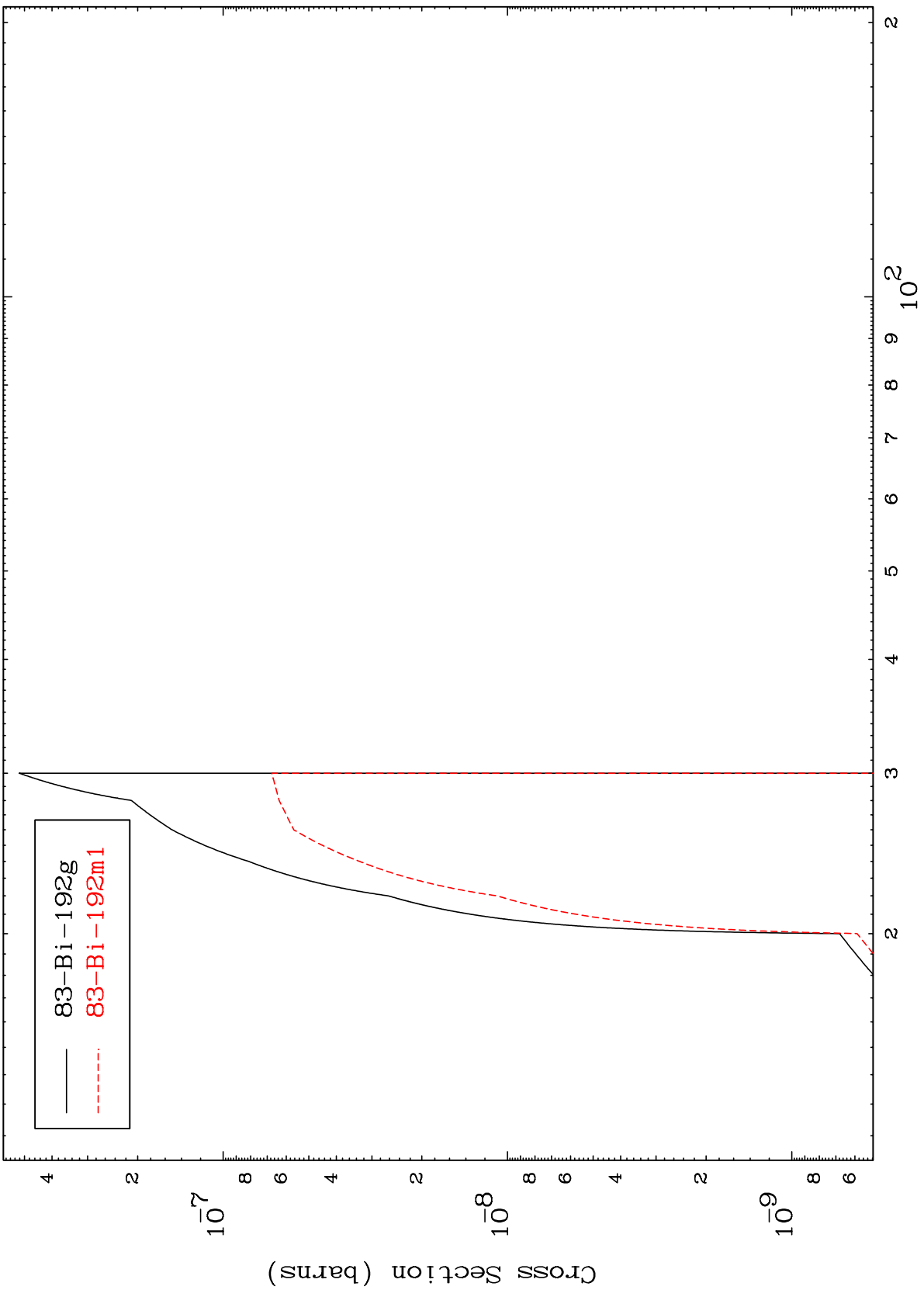
85-At-198

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(n,2n) α

85-At-198

Radionuclide Production Cross Section



16

Incident Energy (MeV)

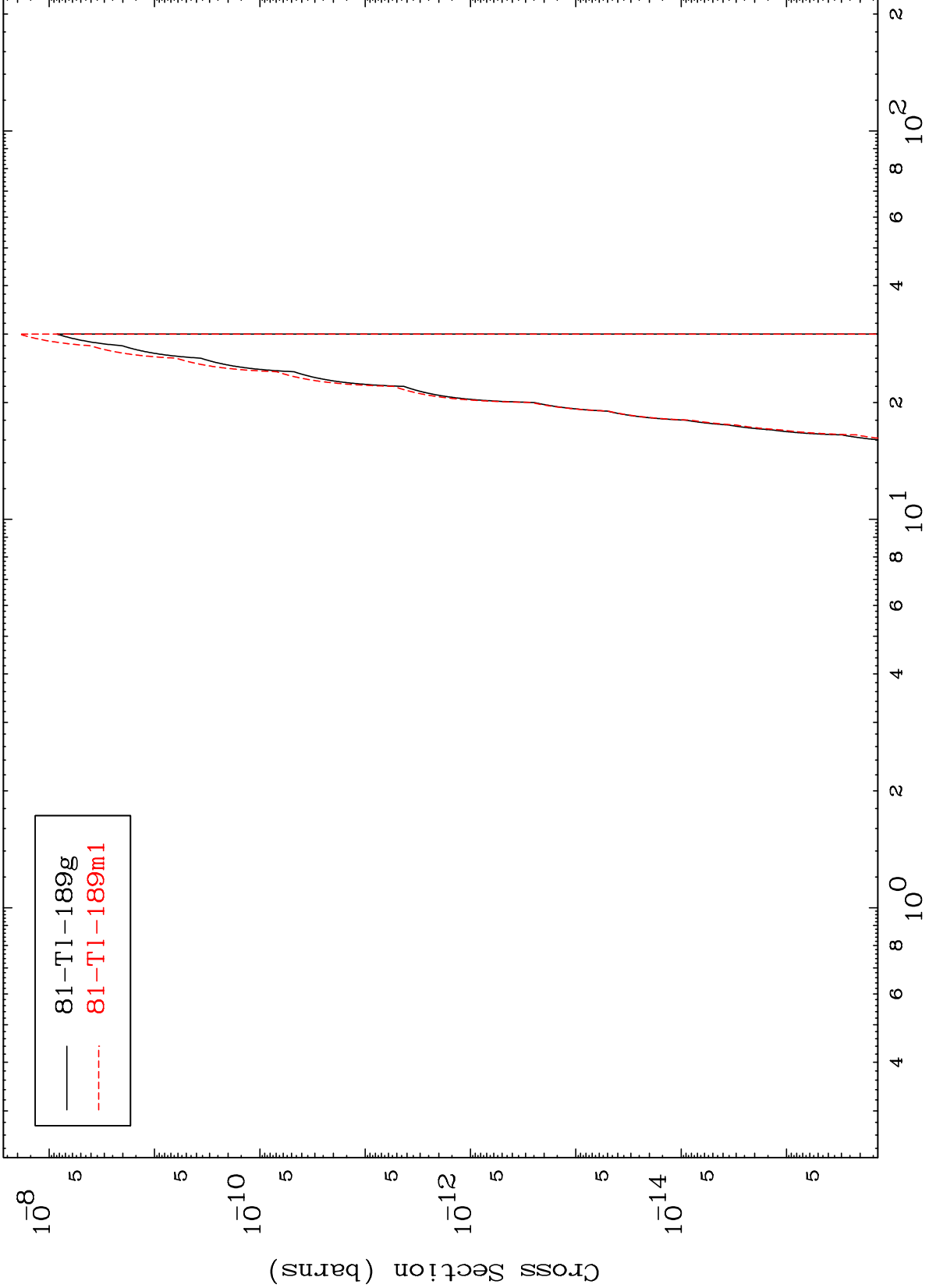
85-At-198

MAT 8510

(n,n') 2α

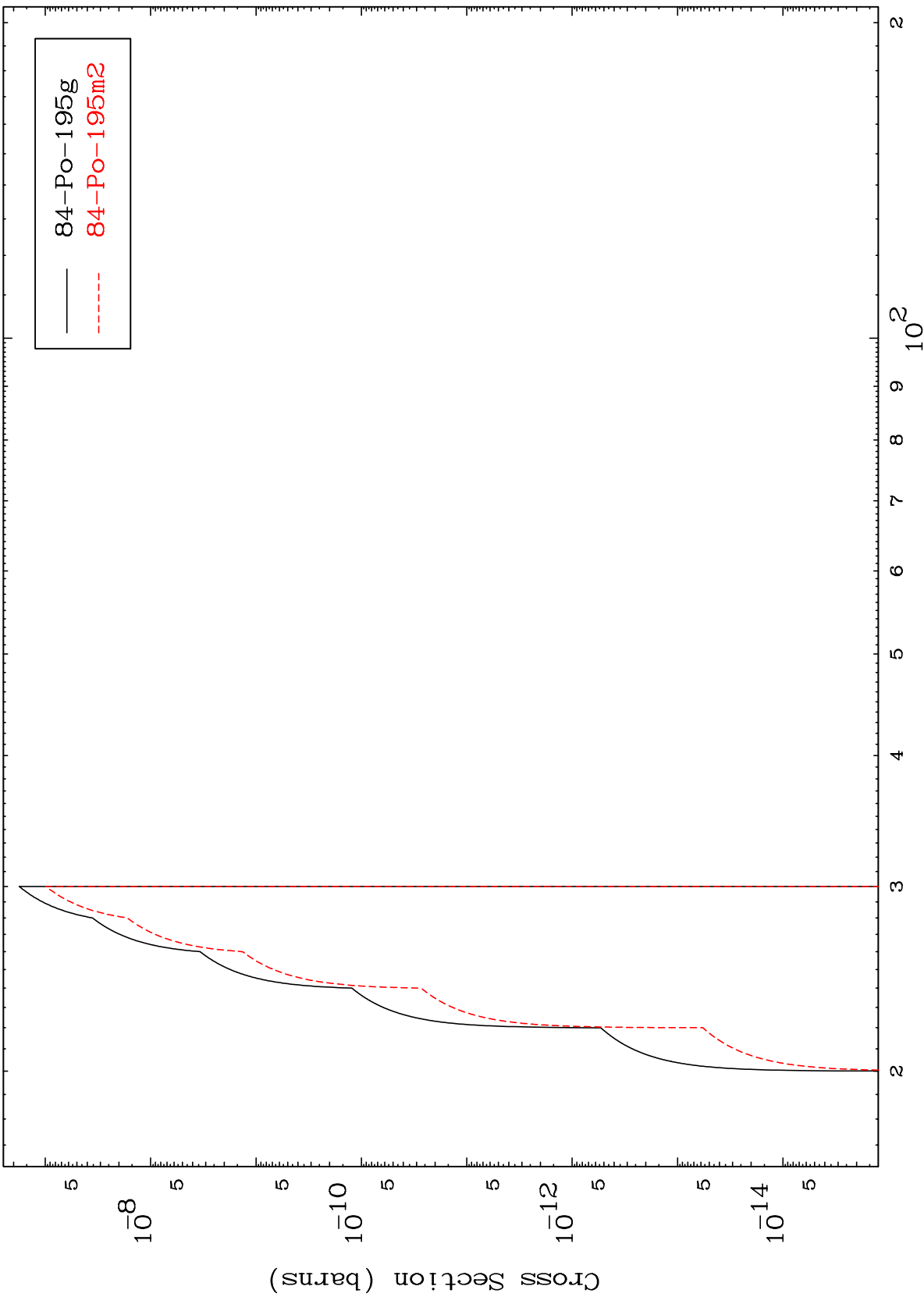
85-At-198

Radionuclide Production Cross Section

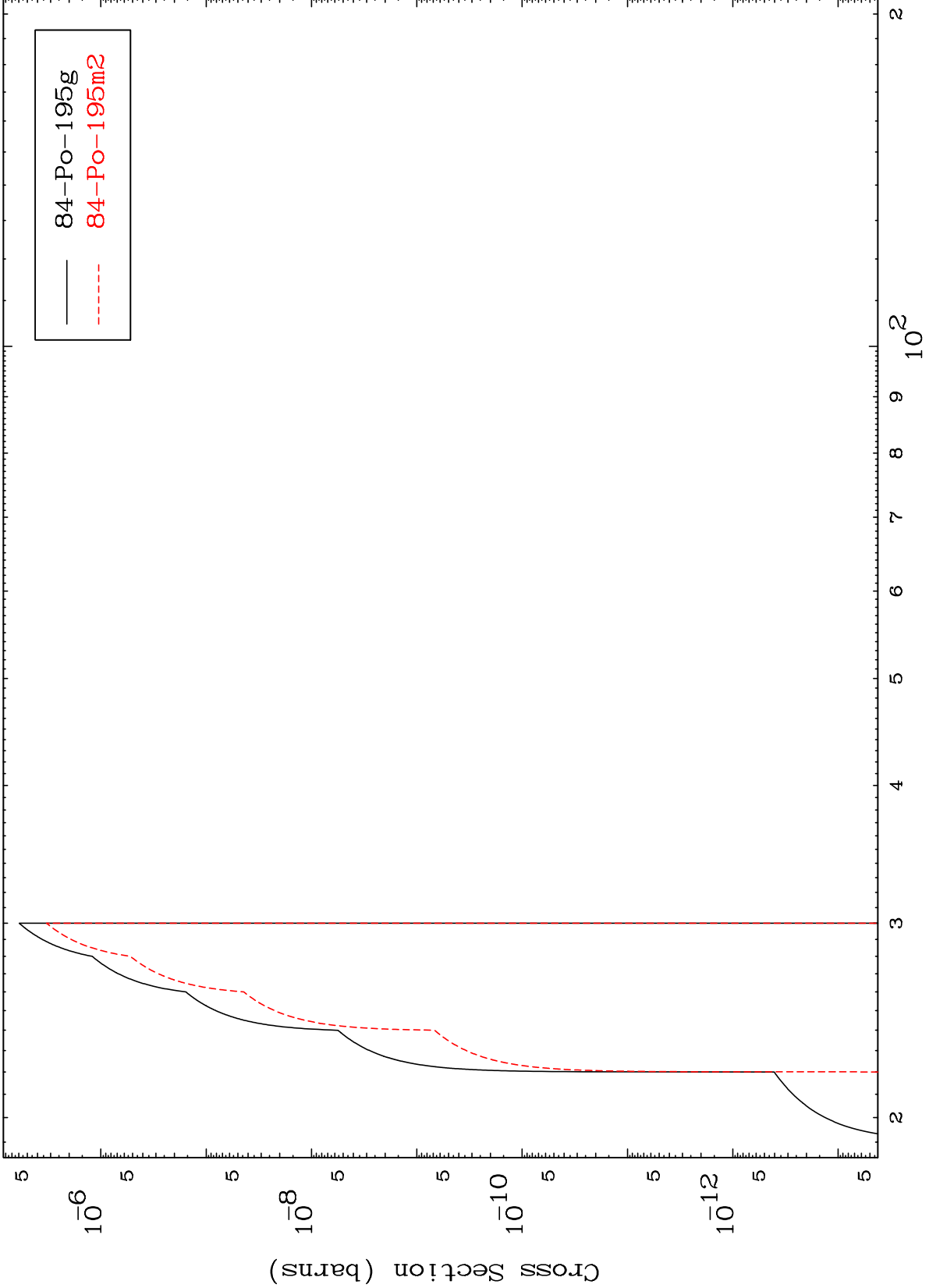


81-Tl-189g
81-Tl-189m1

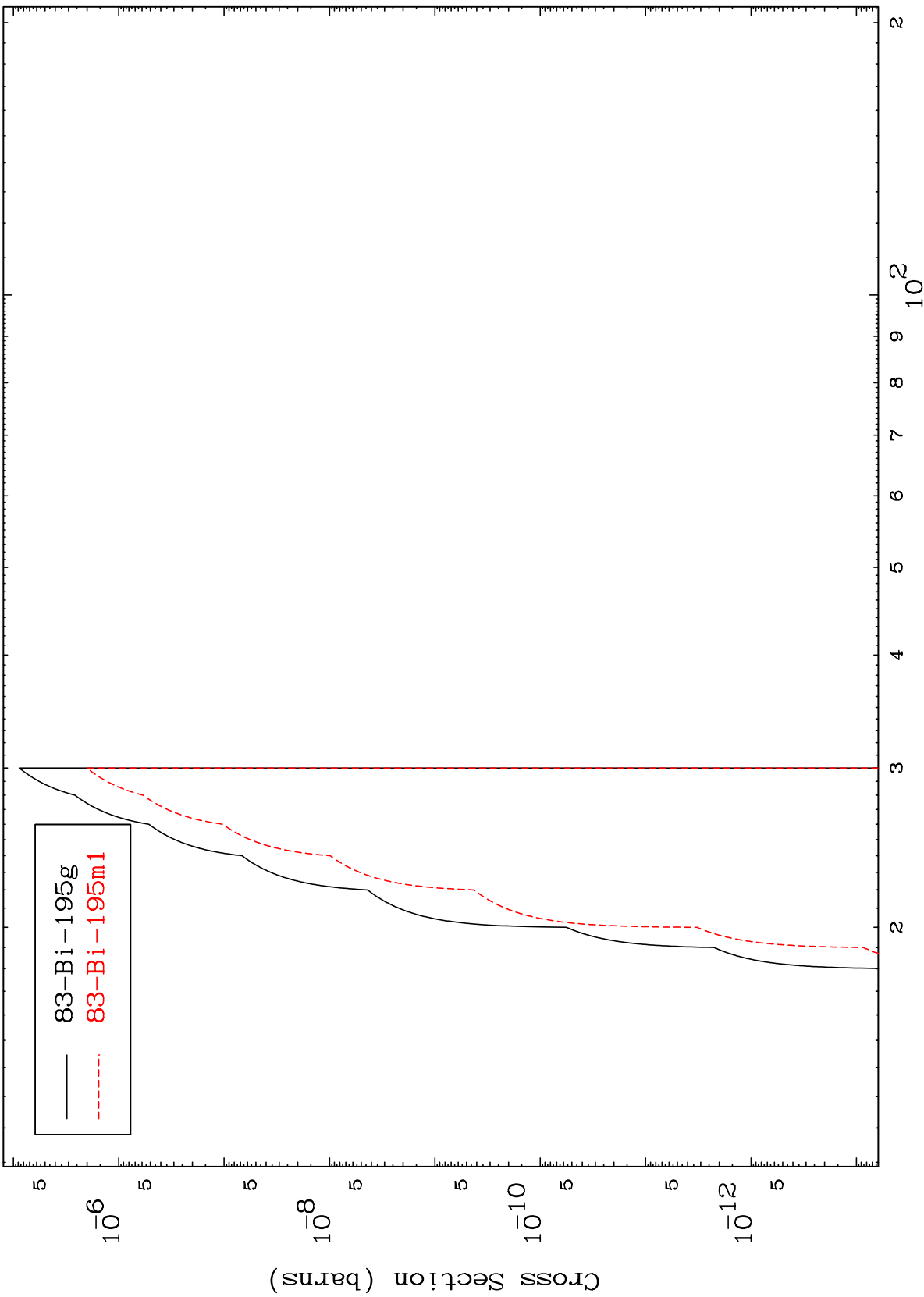
Radionuclide Production Cross Section



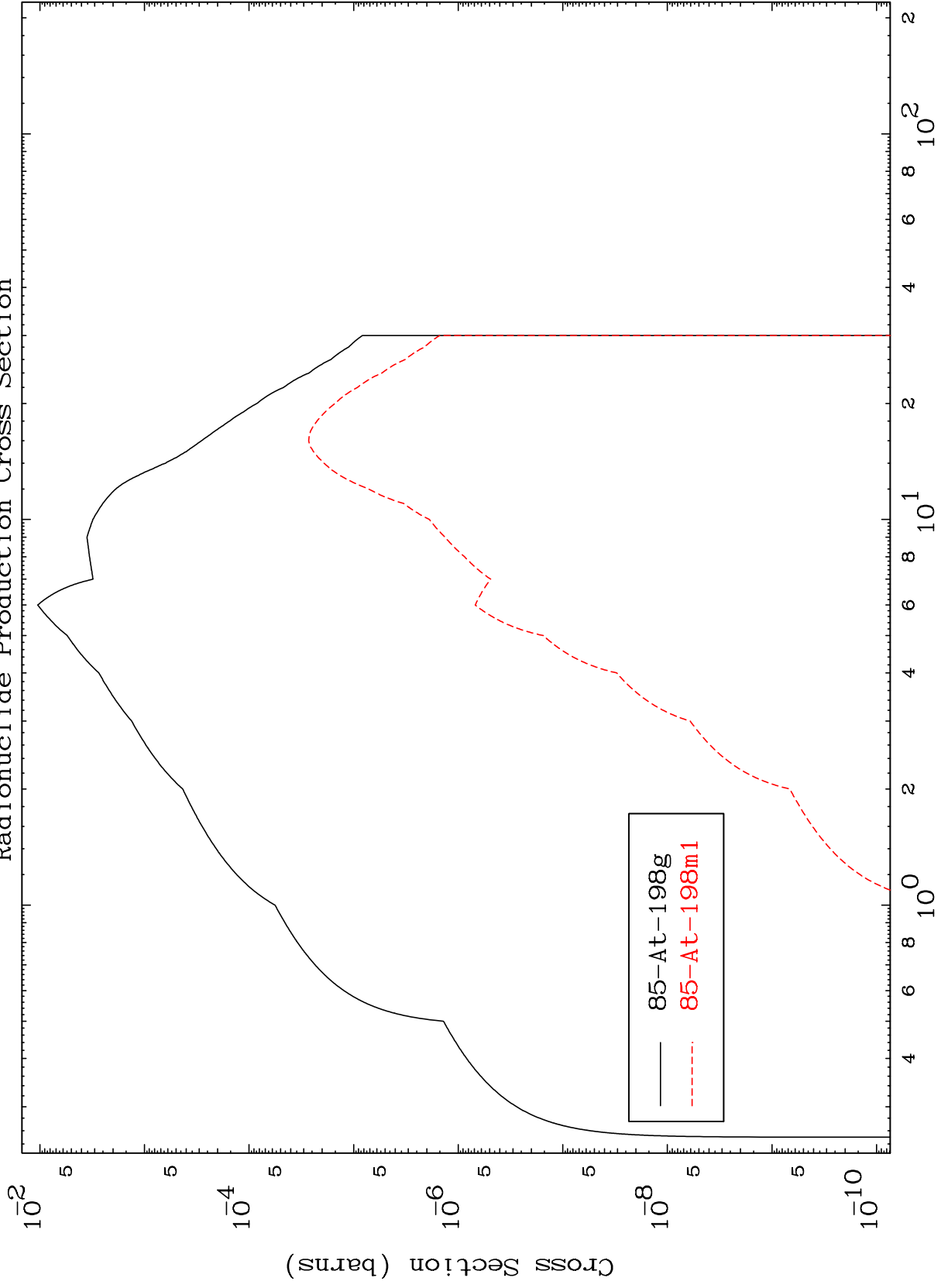
Radionuclide Production Cross Section



Radionuclide Production Cross Section



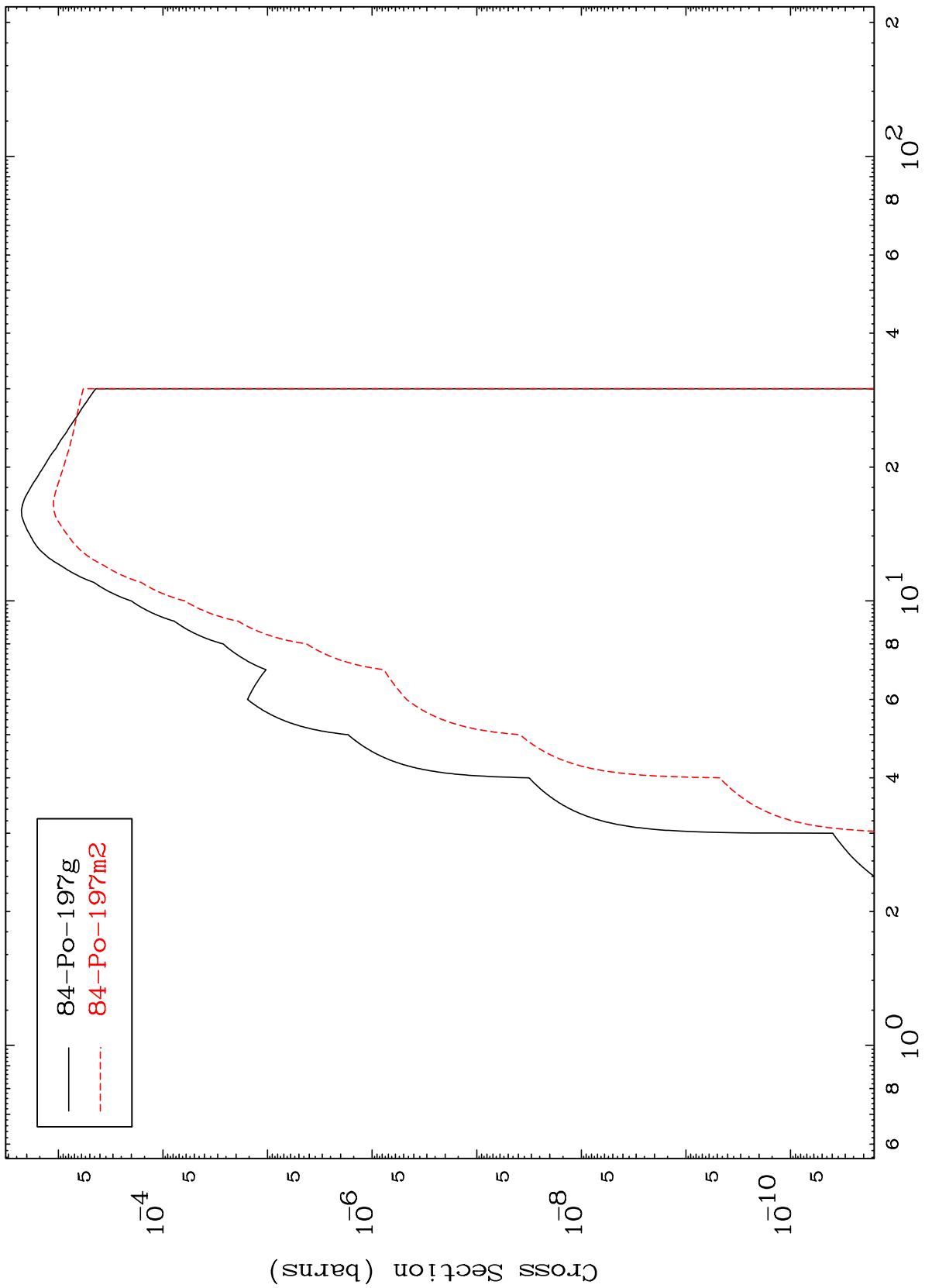
(n, γ)
Radionuclide Production Cross Section



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85-At-198

Radionuclide Production Cross Section (n,p)

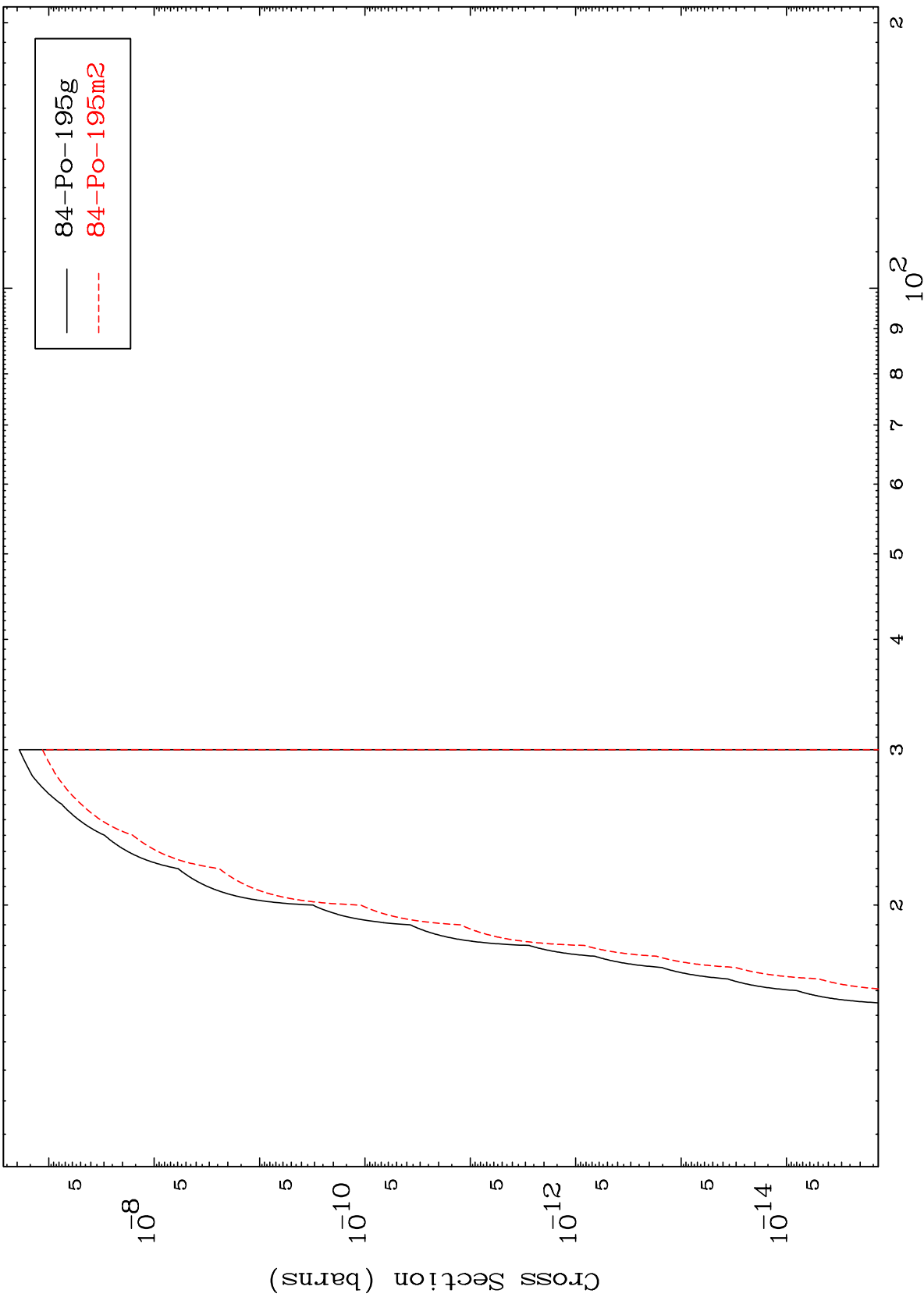


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85-At-198

Incident Energy (MeV)

(n,t)
Radionuclide Production Cross Section

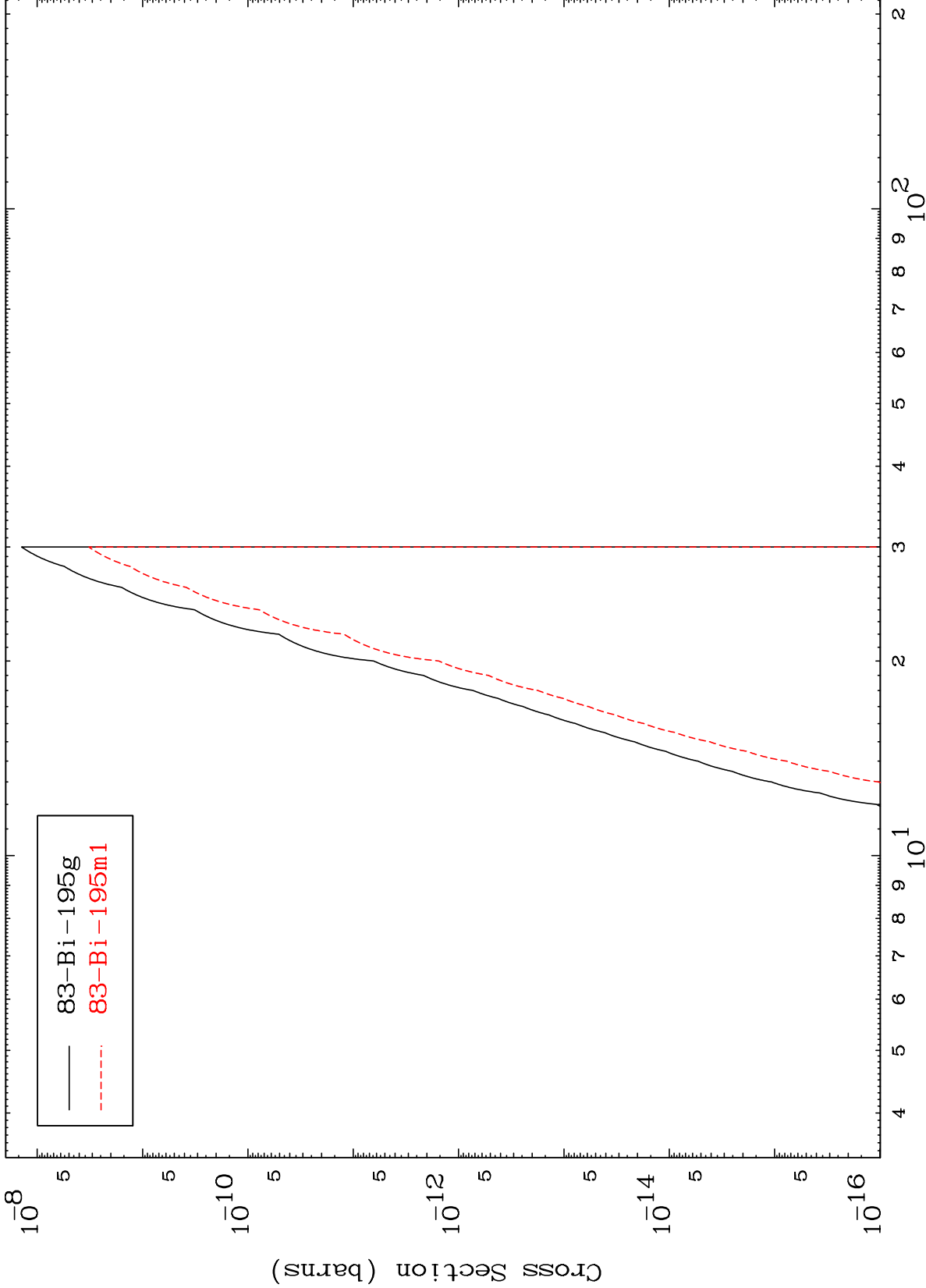


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(n,He-3)

85-At-198

Radionuclide Production Cross Section

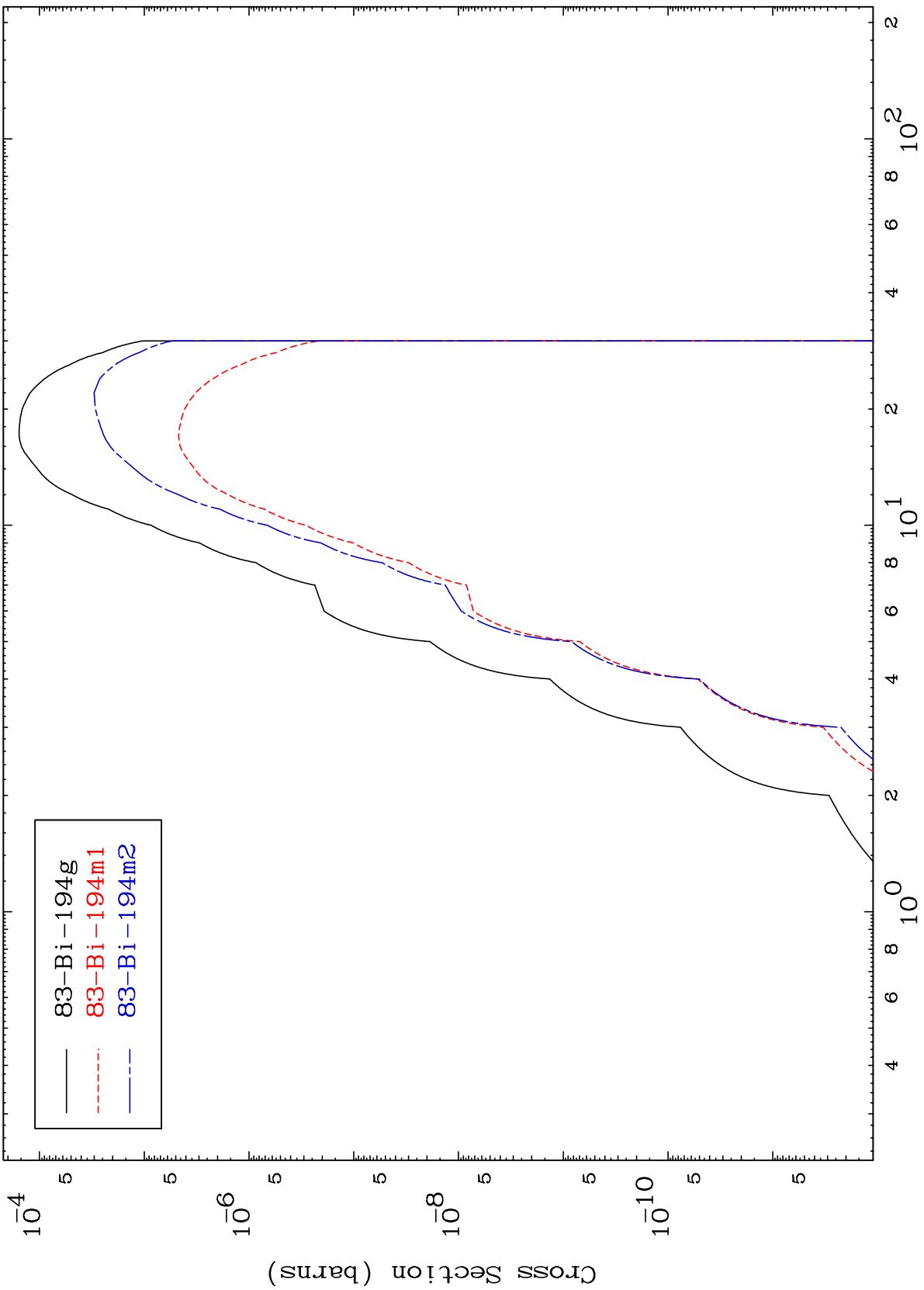


83-Bi-195g
83-Bi-195m1

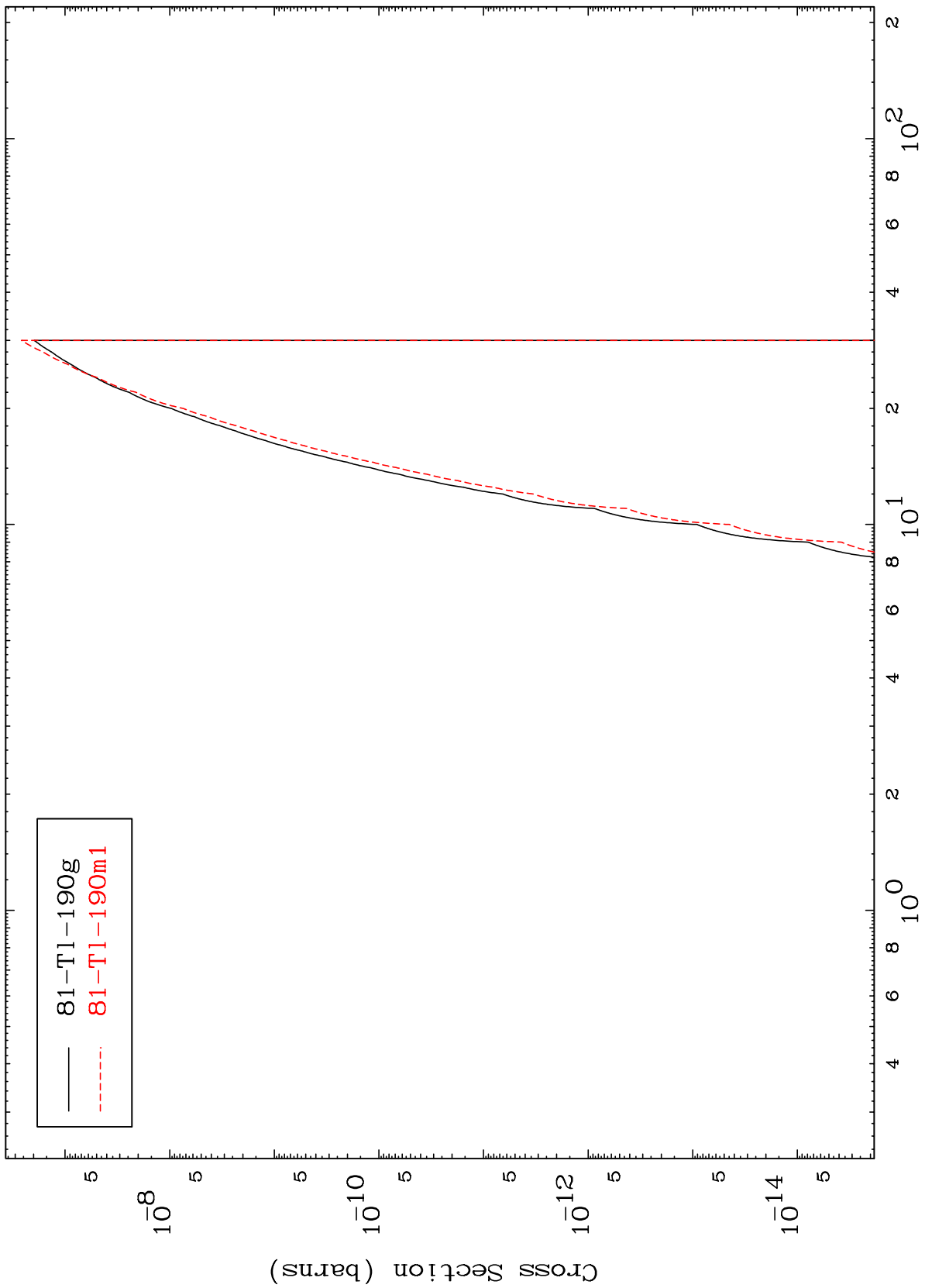
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85-At-198

(n, α)
Radionuclide Production Cross Section



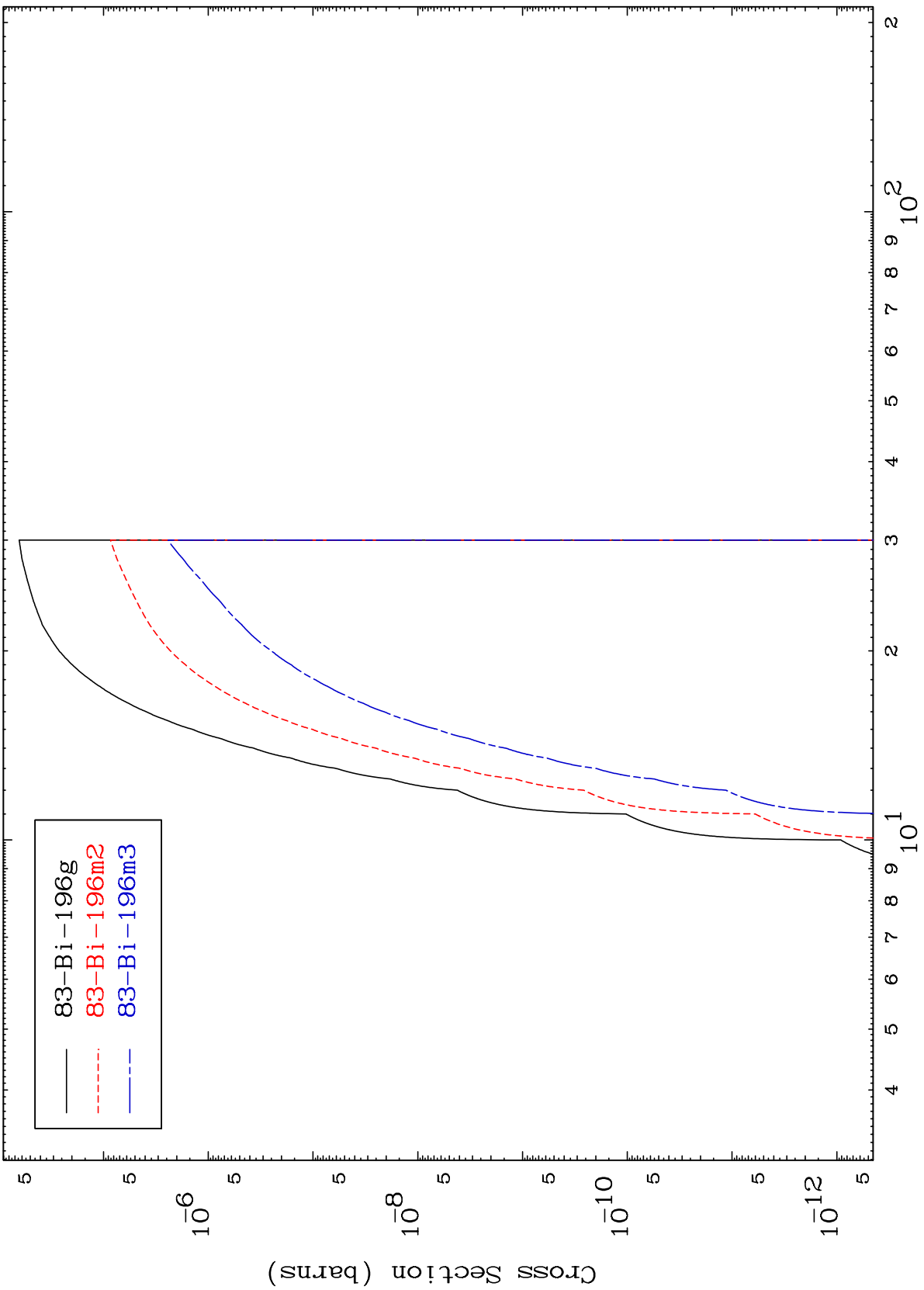
Radionuclide Production Cross Section
(n,2α)



MAT 8510

85-At-198

(n,2p)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

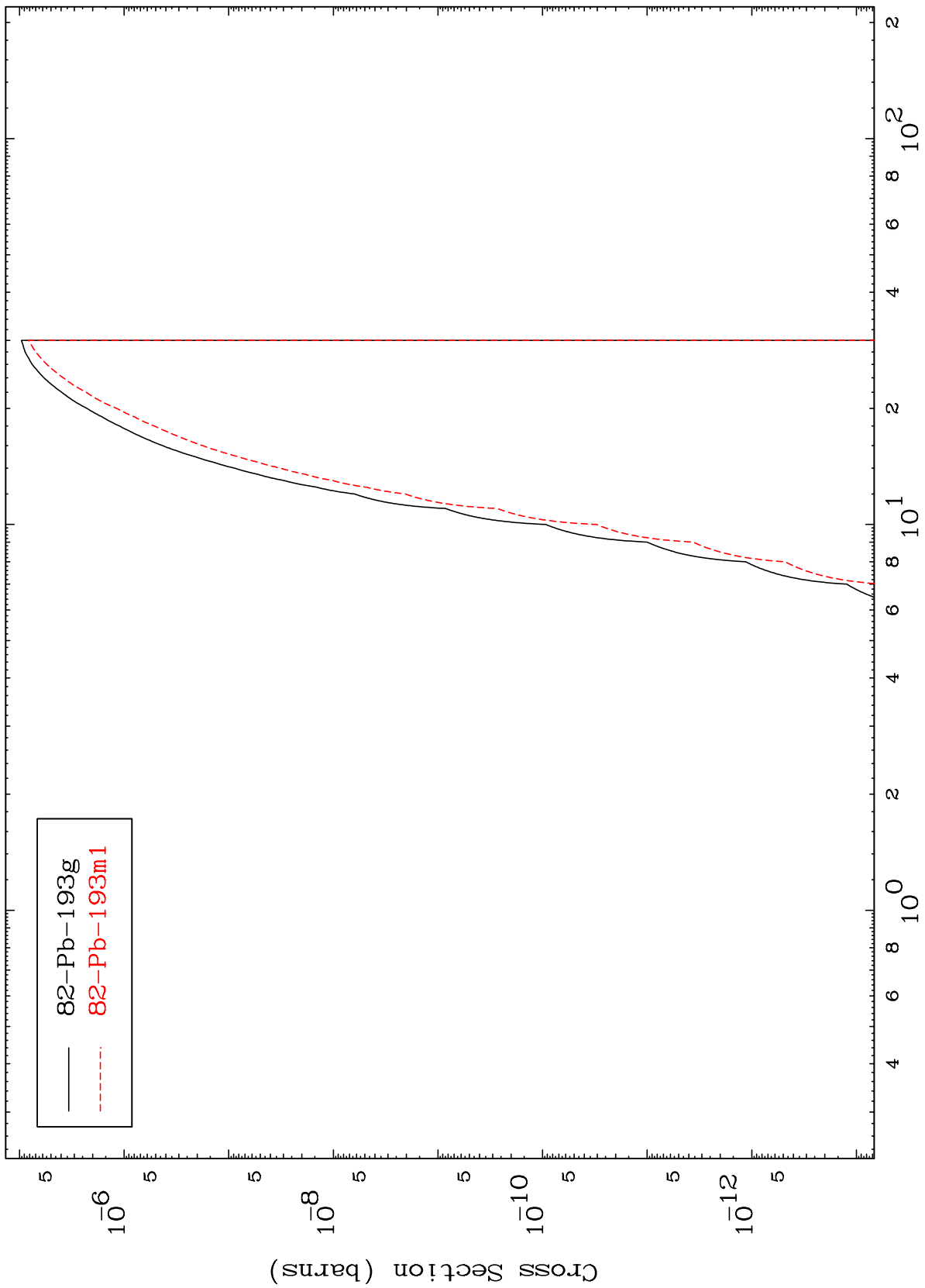
85-At-198

MAT 8510

(n,p) α

85-At-198

Radionuclide Production Cross Section

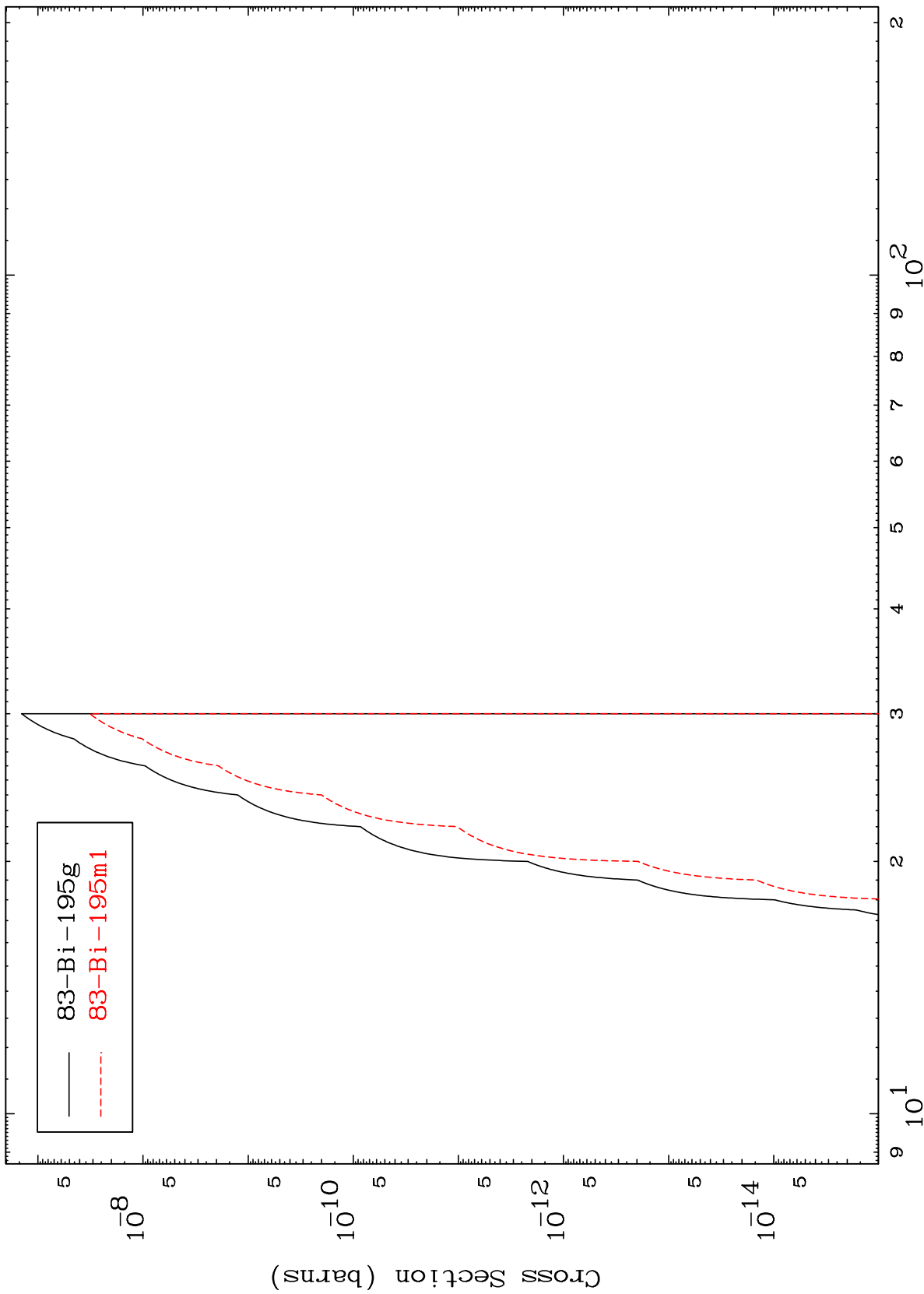


MAT 8510

(n,p) d

85-At-198

Radionuclide Production Cross Section



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Incident Energy (MeV)

85-At-198