

Program EVALPLOT  
(Version 2021-1)

by

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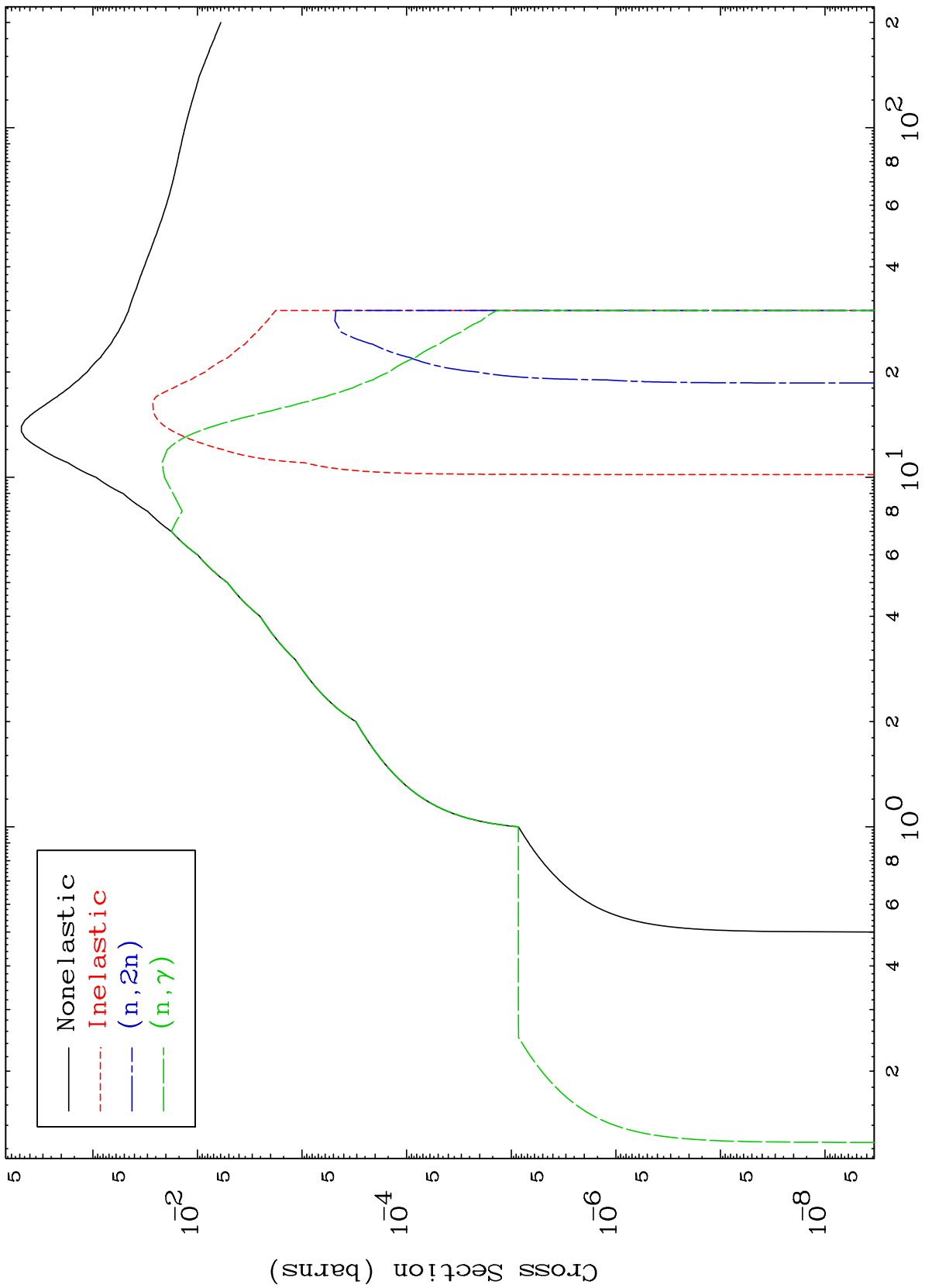
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8513

Photon Major  
0 Kelvin Cross Sections

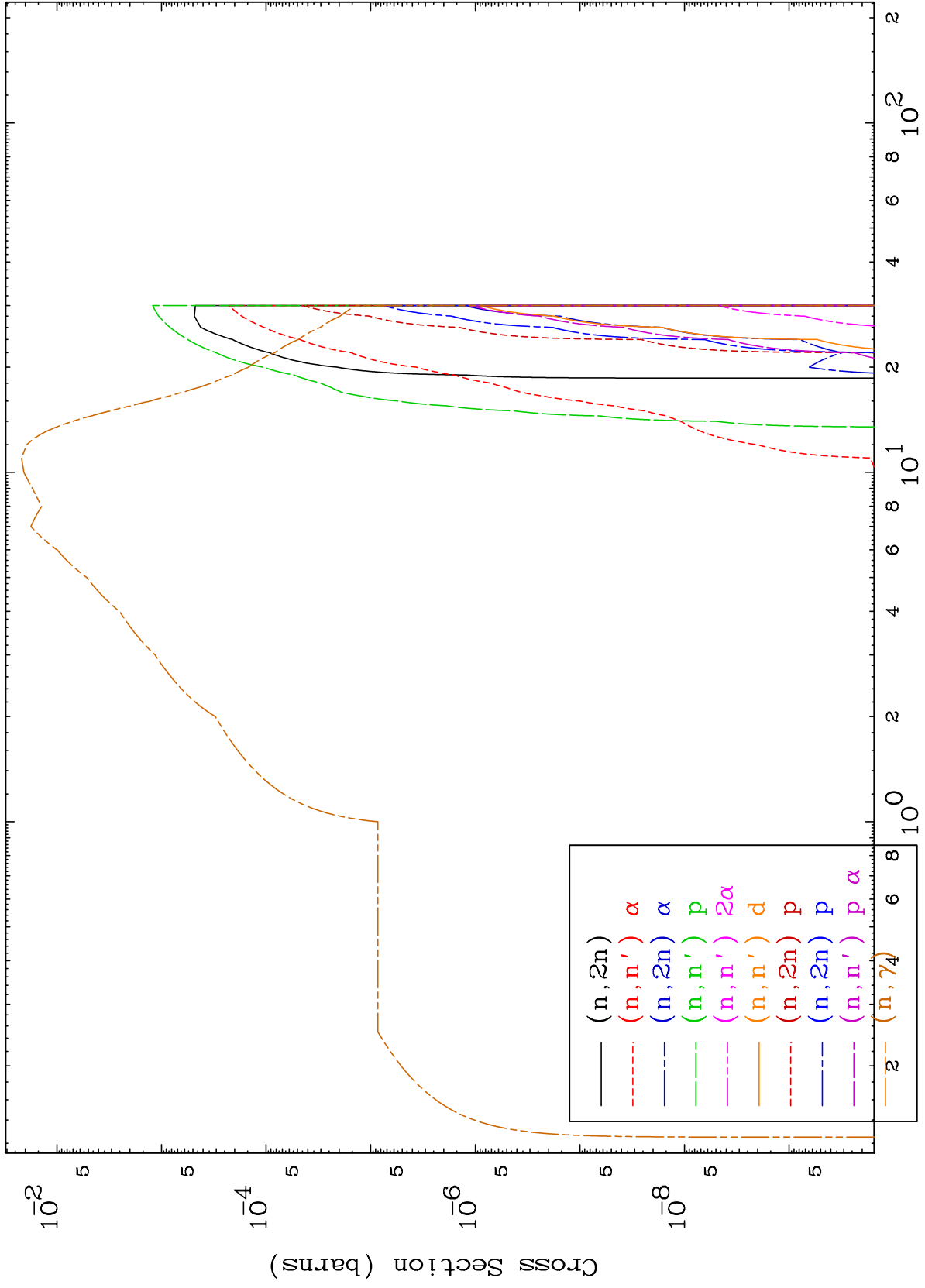
85-At-199

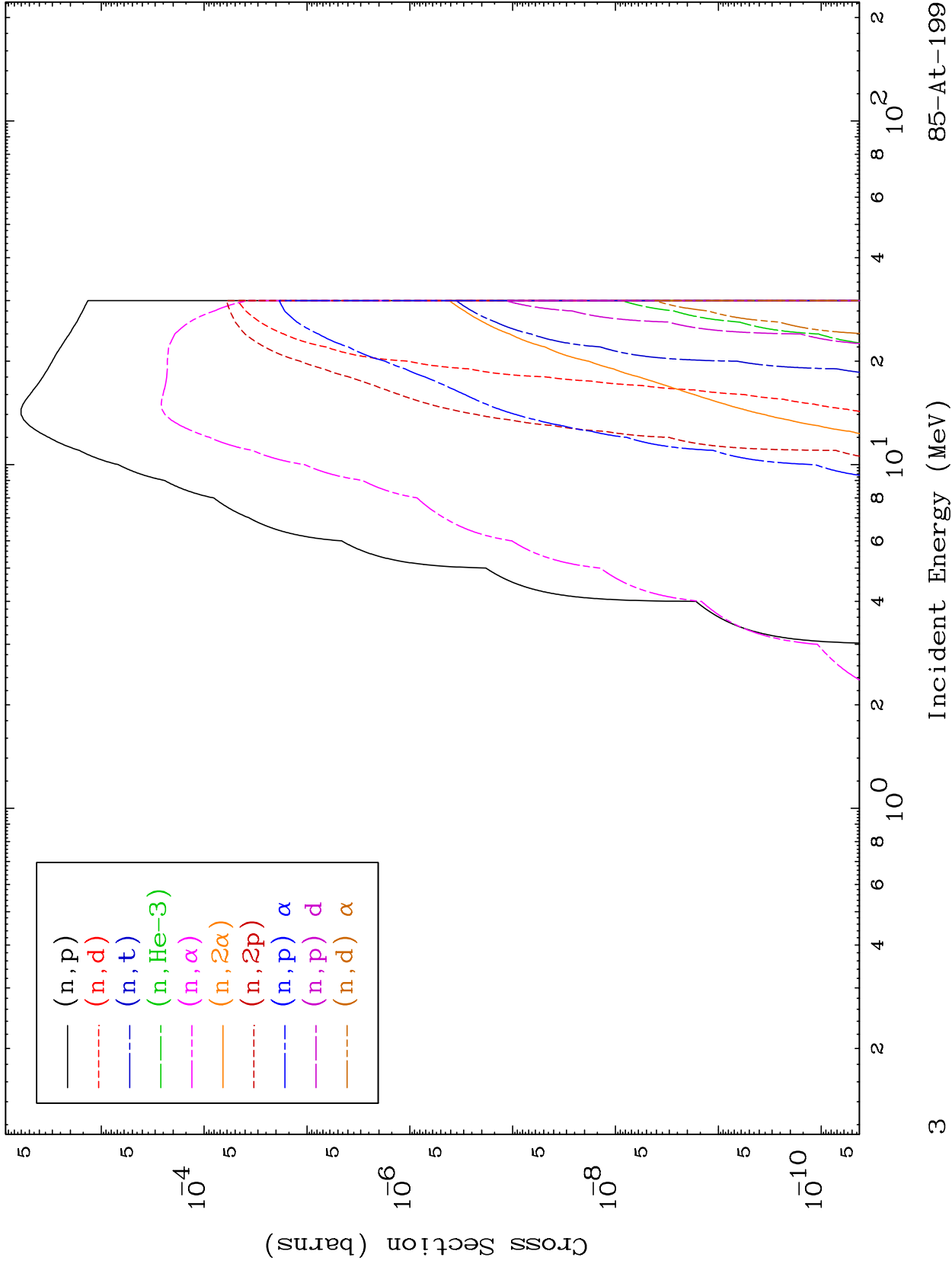


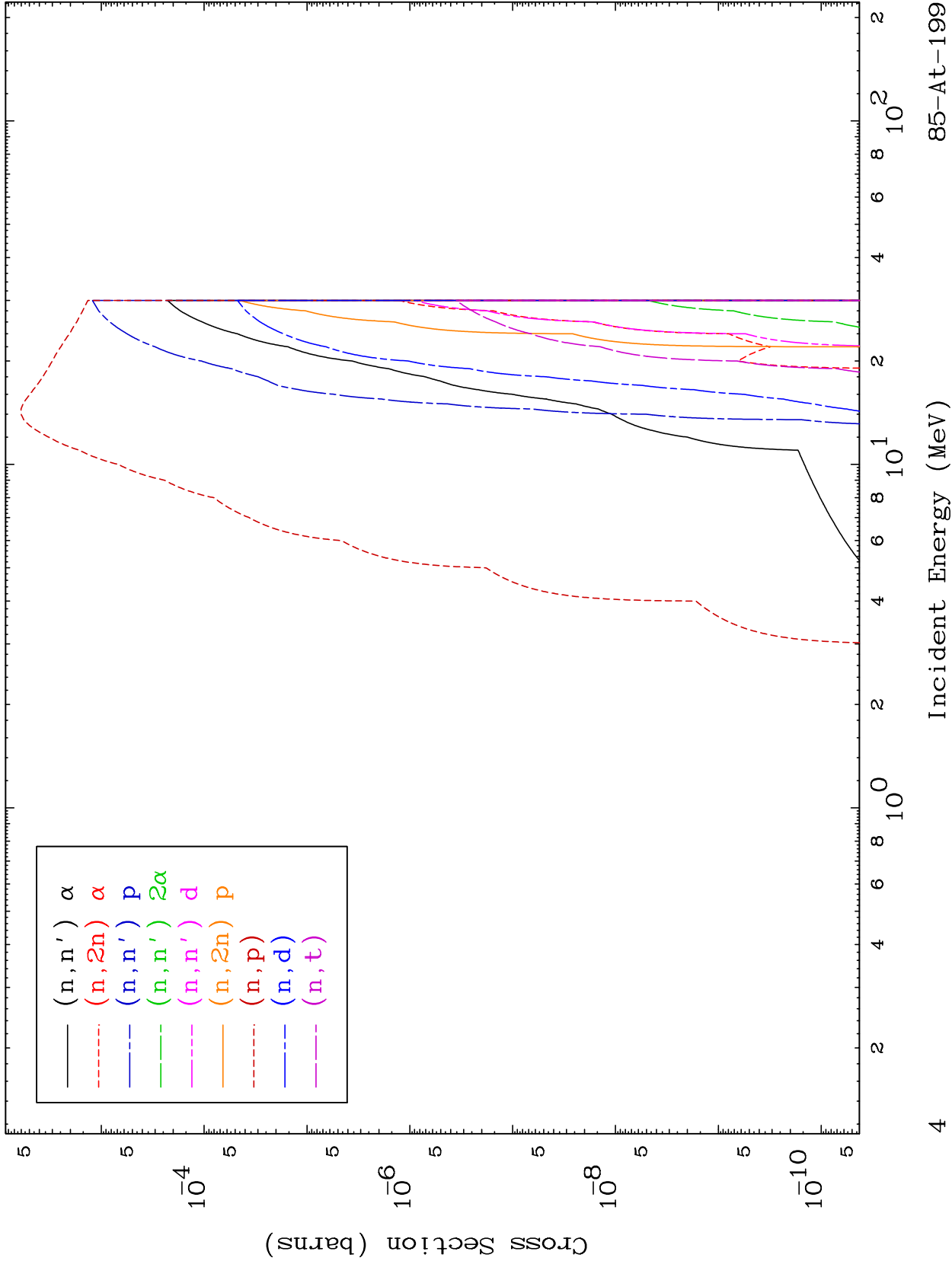
MAT 8513

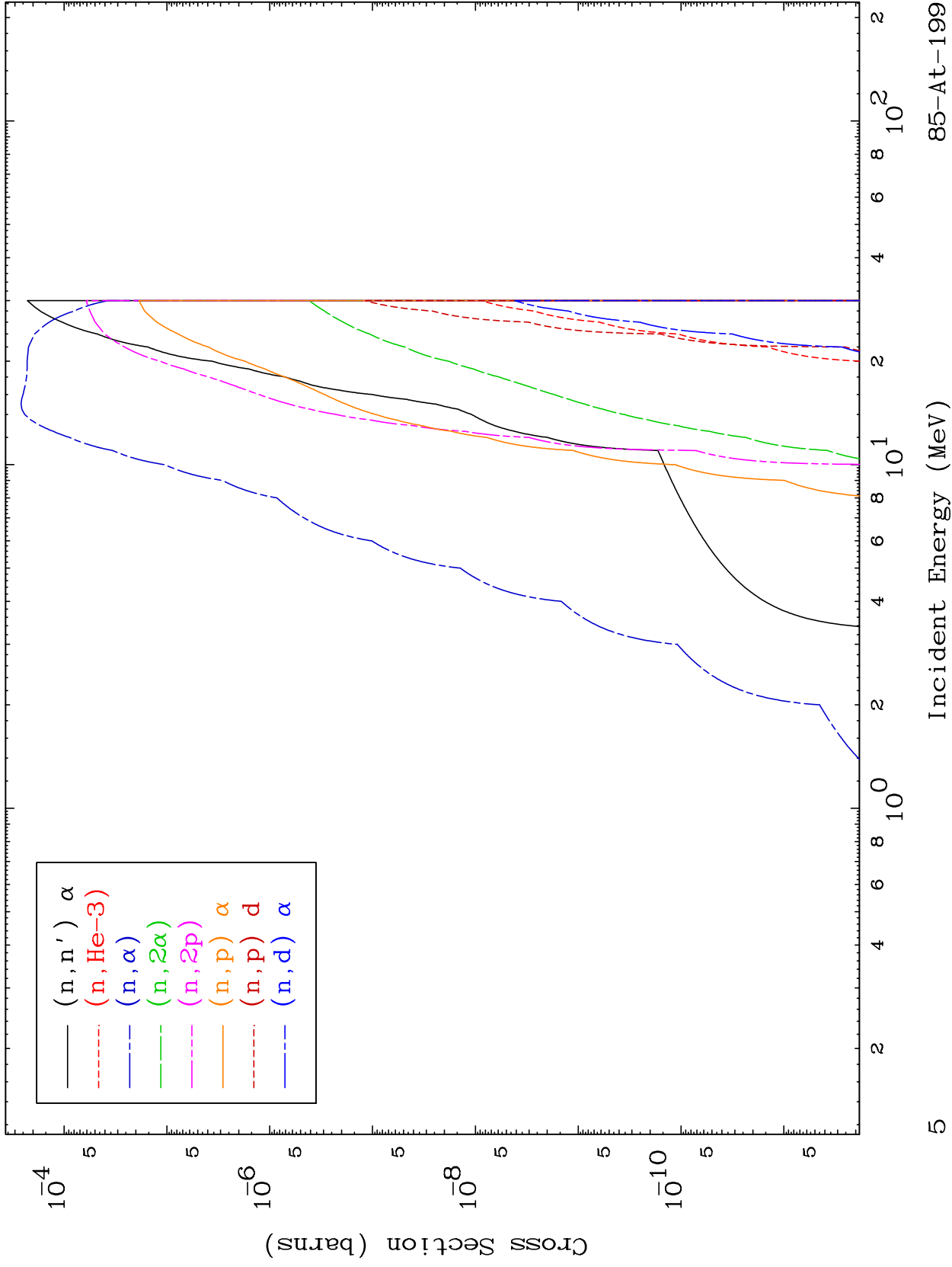
Photon Neutron Absorption  
0 Kelvin Cross Sections

85-At-199







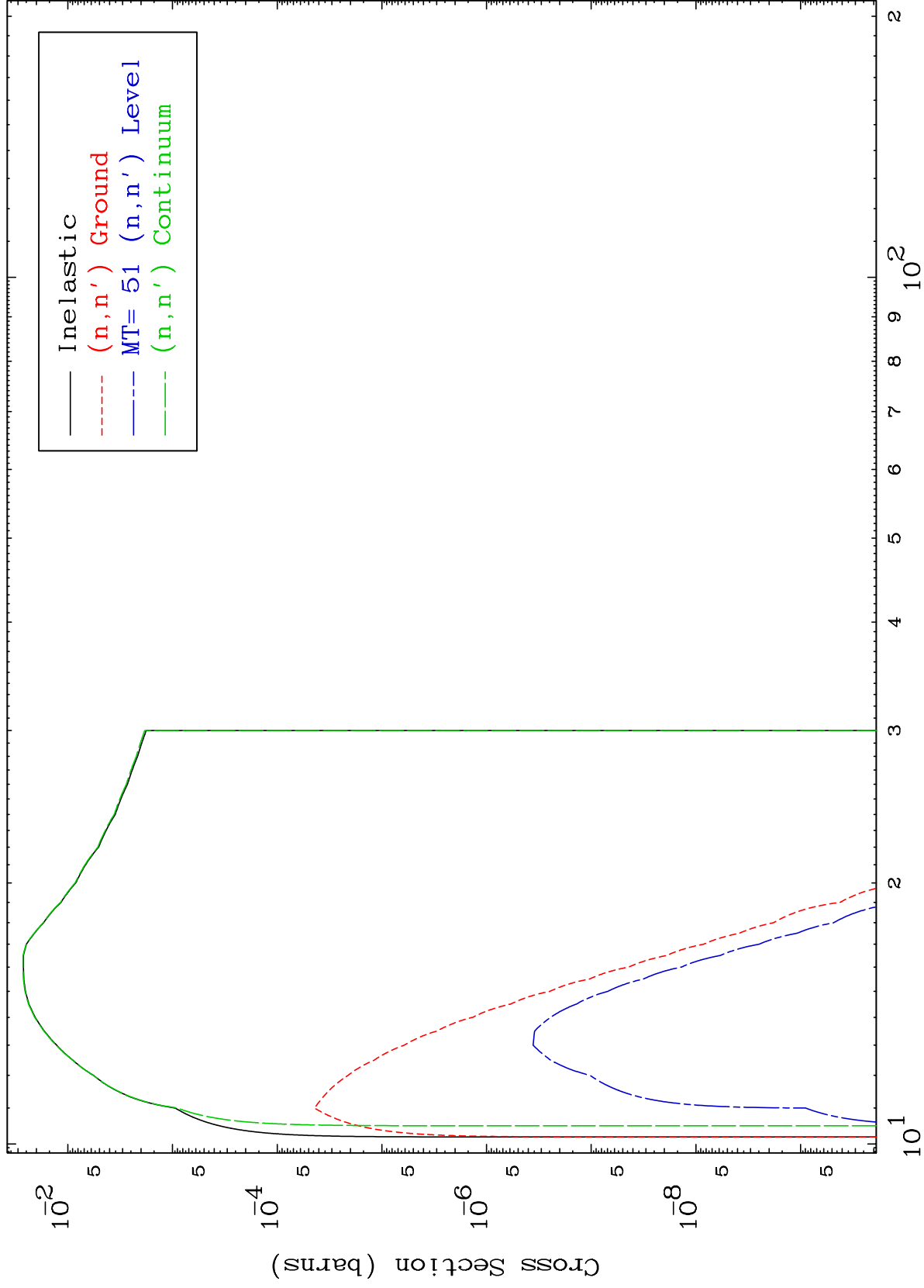


MAT 8513

( $\gamma, n'$ ) Levels

85-At-199

0 Kelvin Cross Sections



Incident Energy (MeV)

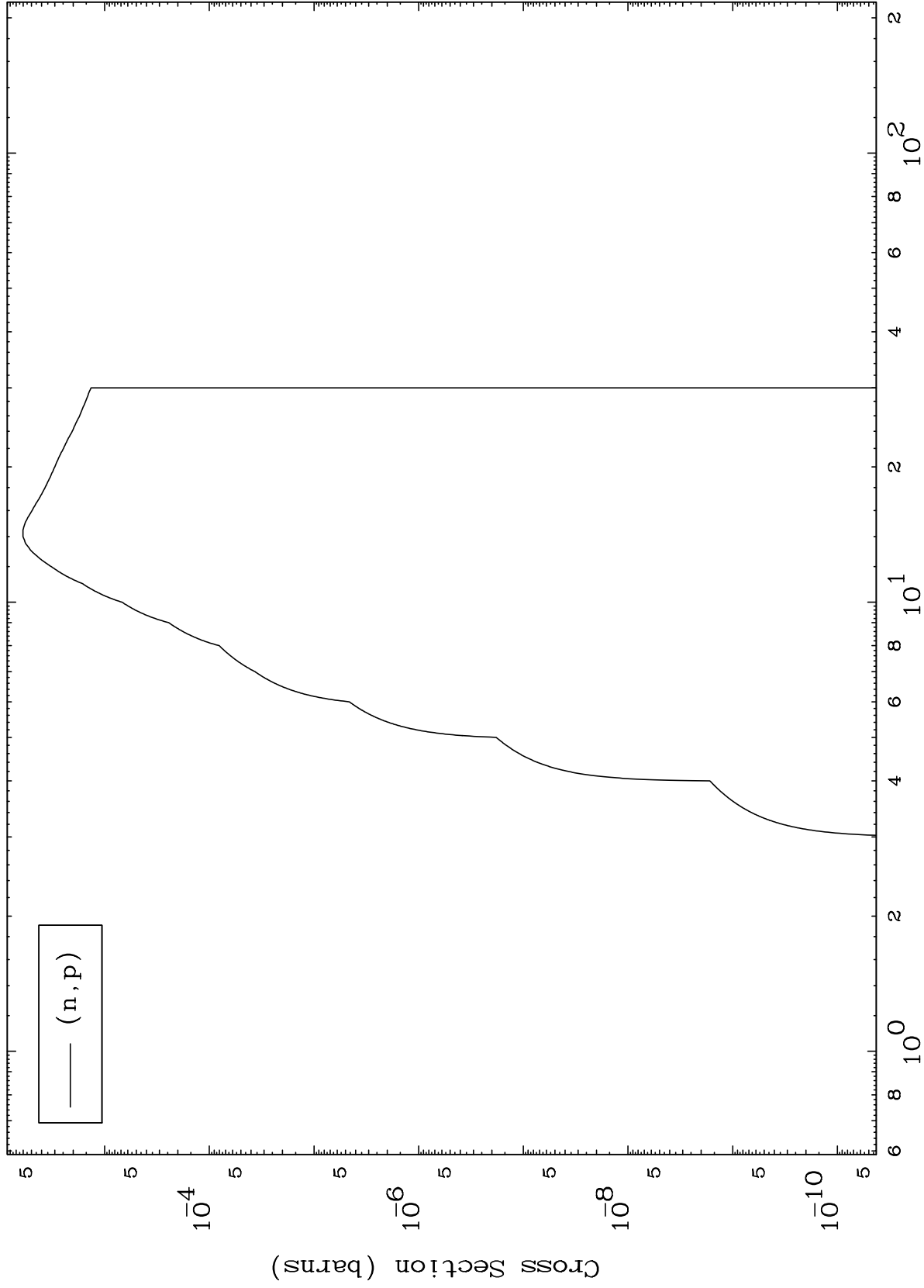
85-At-199

MAT 8513

( $\gamma, p$ ) Levels

85-At-199

0 Kelvin Cross Sections



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Incident Energy (MeV)

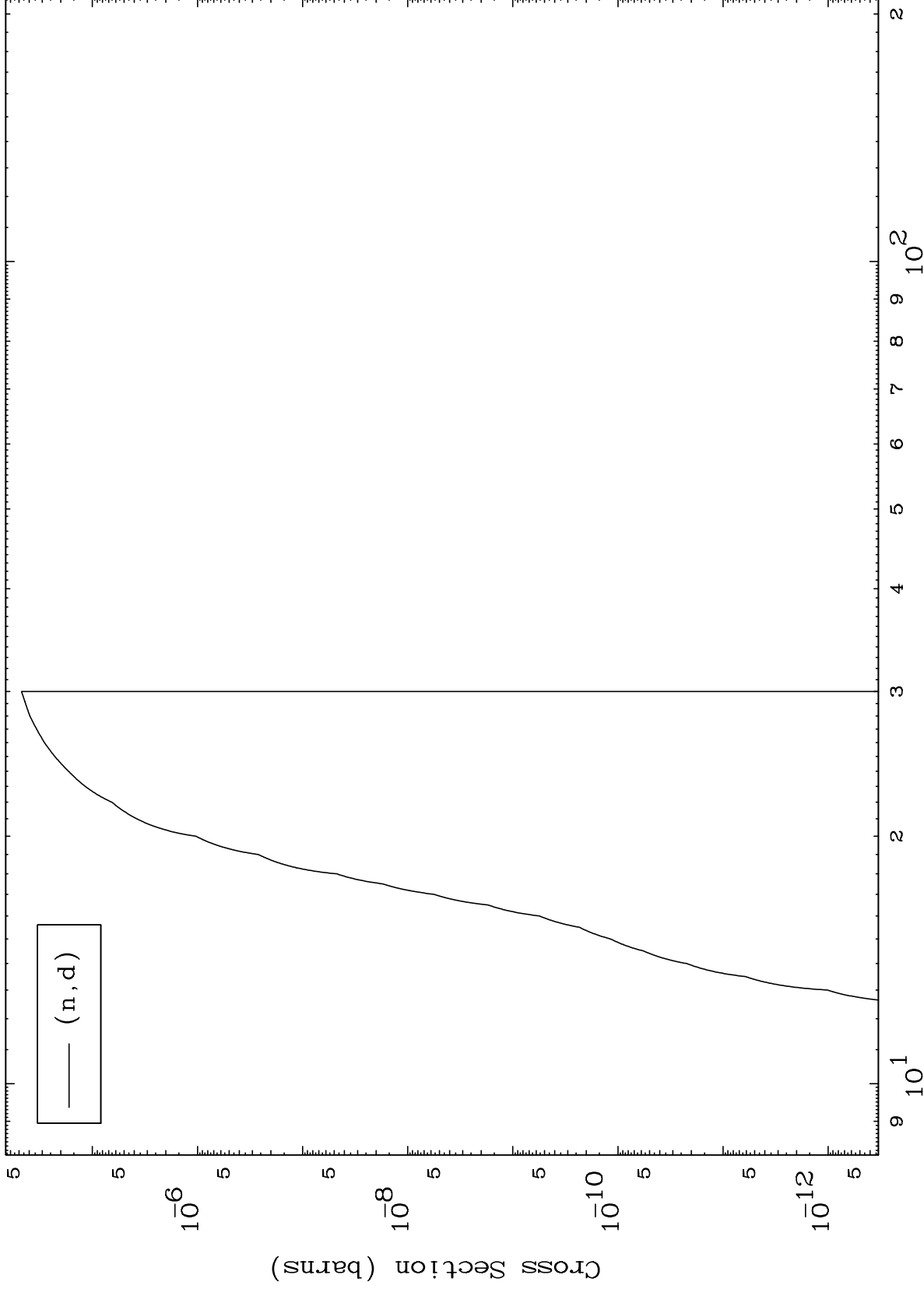
85-At-199



MAT 8513

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

85-At-199



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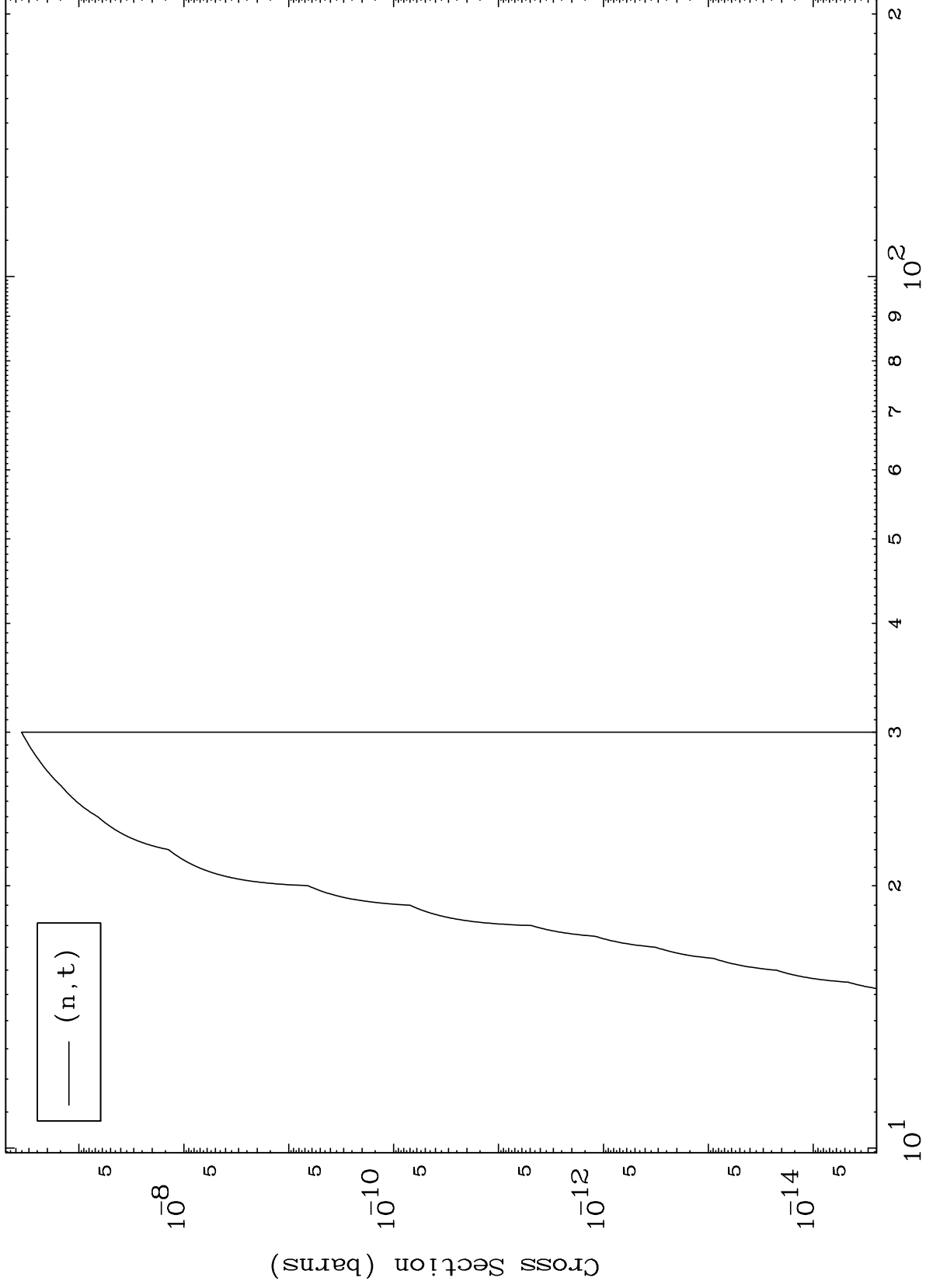
Incident Energy (MeV)

85-At-199

MAT 8513

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

85-At-199



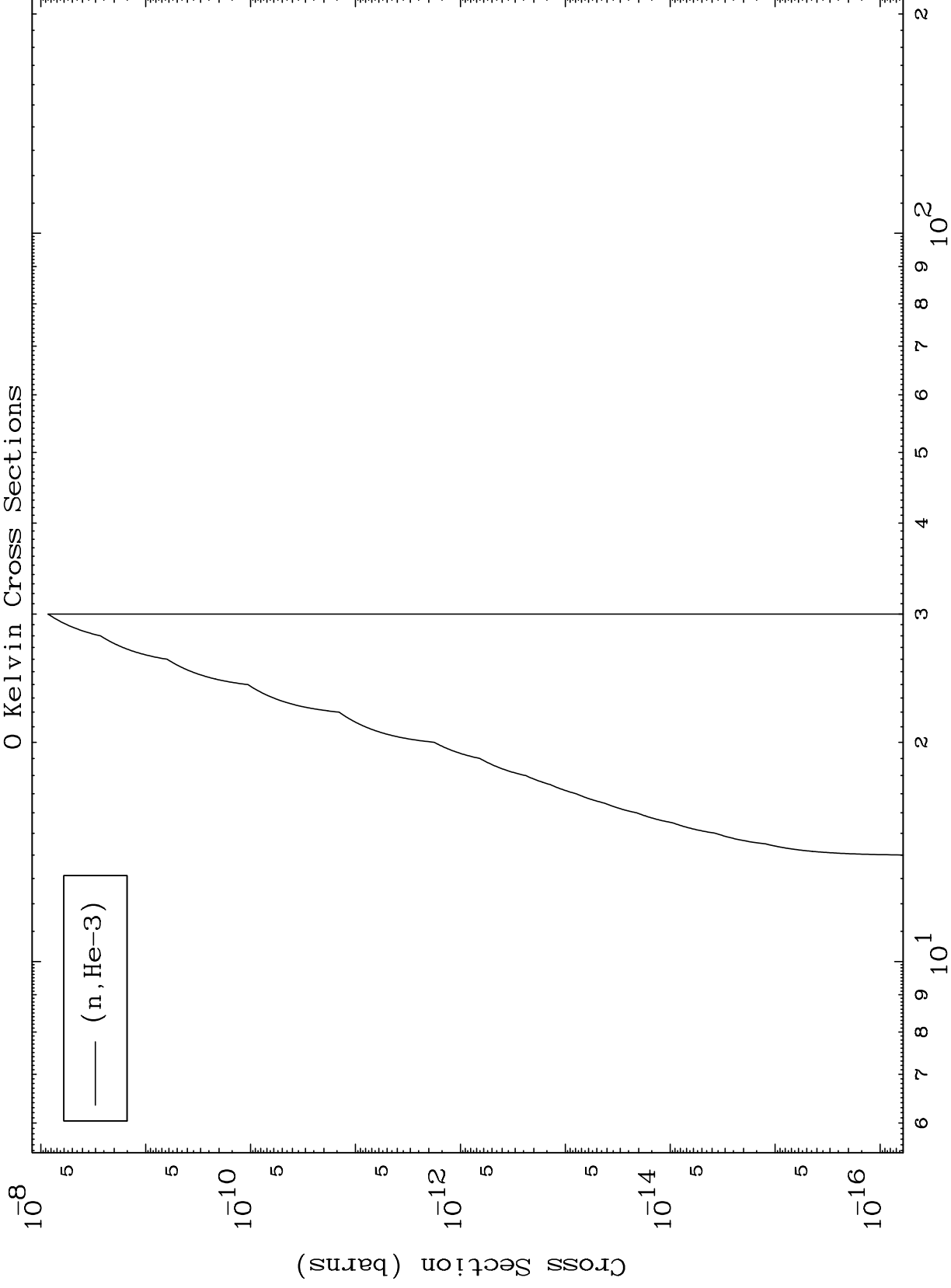
Incident Energy (MeV)

85-At-199

MAT 8513

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

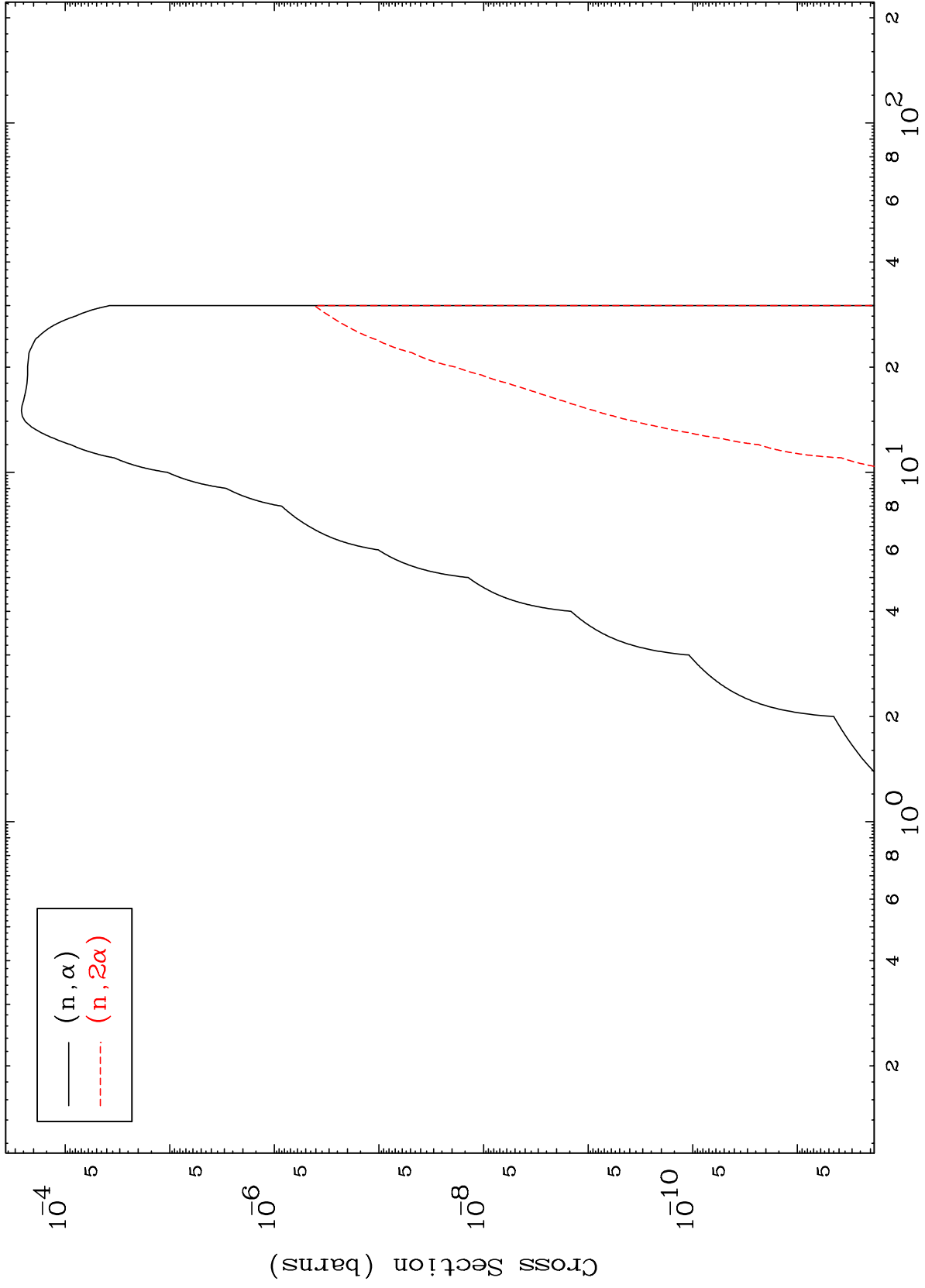
85-At-199



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Incident Energy (MeV)

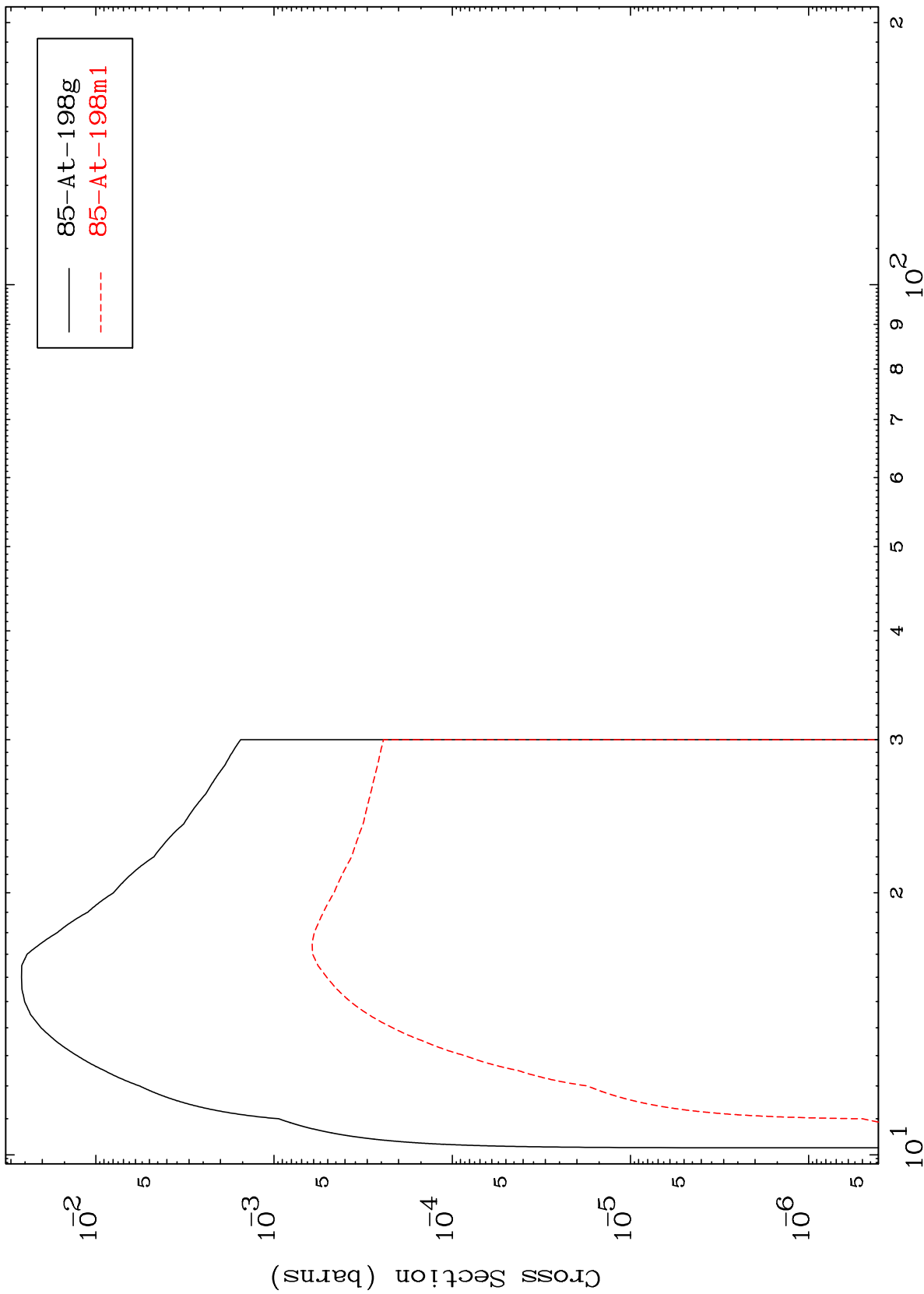
85-At-199



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85-At-199

Inelastic  
Radionuclide Production Cross Section



85-At-199

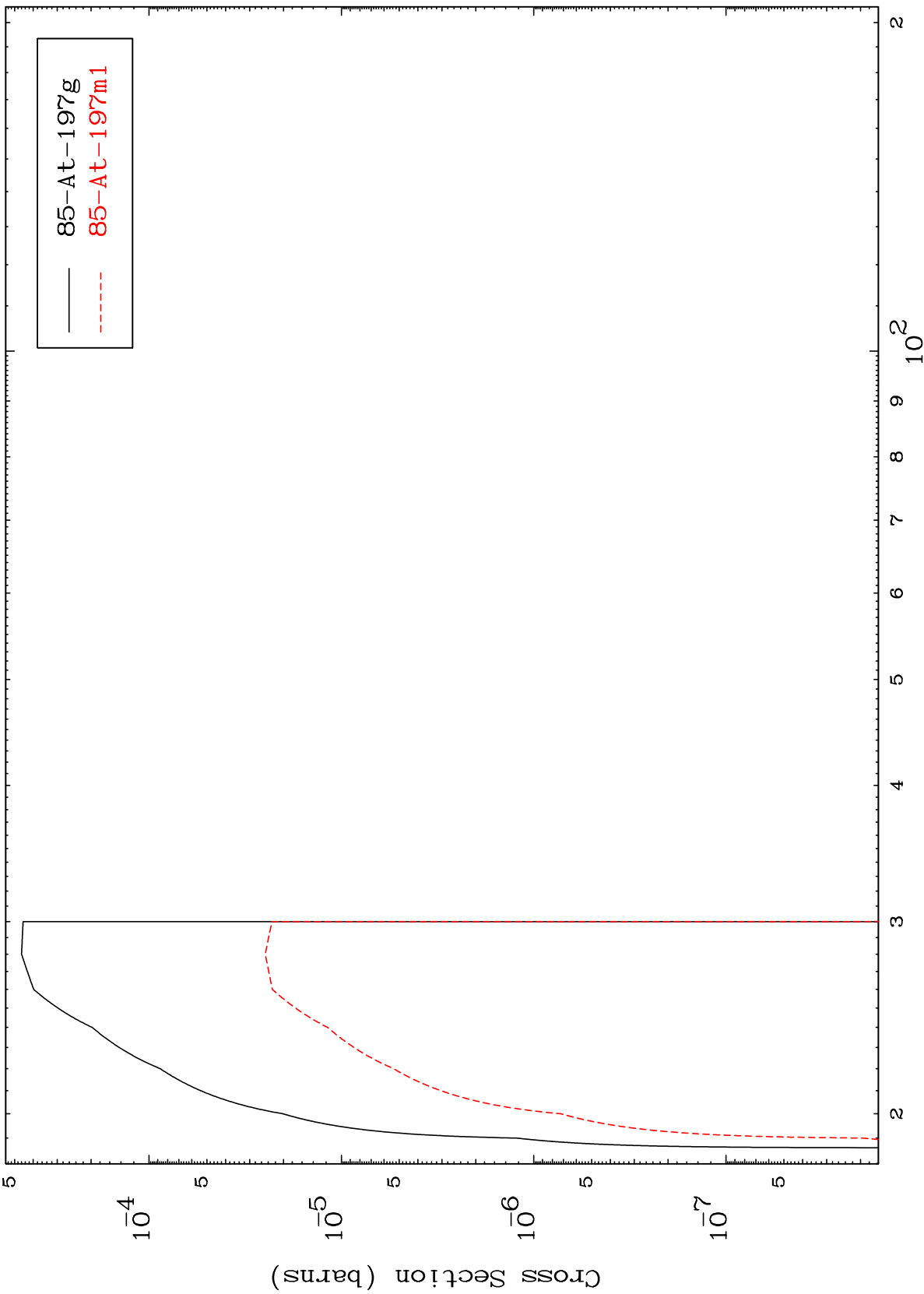
Incident Energy (MeV)

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85-At-199

(n,2n)  
Radionuclide Production Cross Section



13

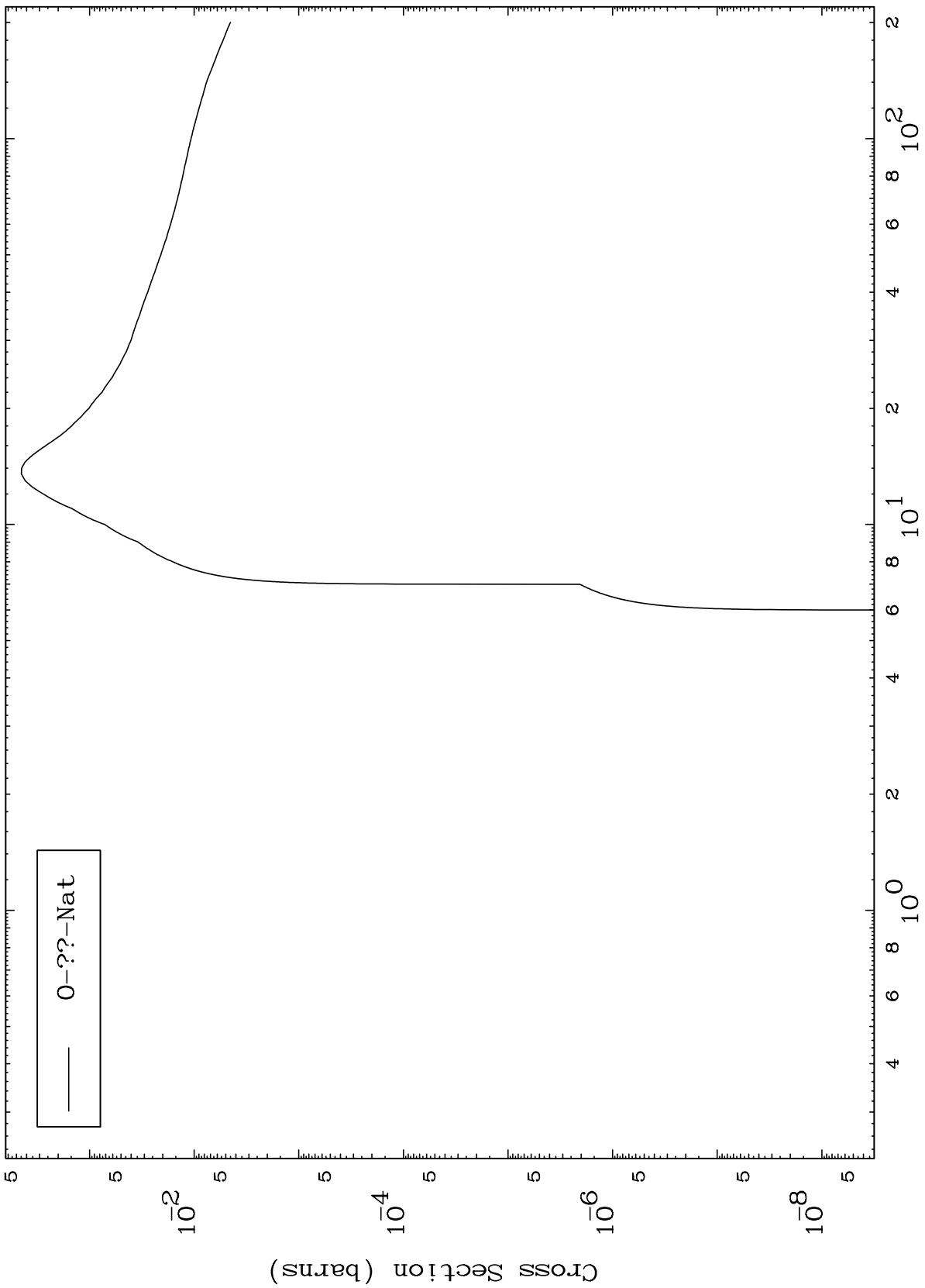
85-At-199

Incident Energy (MeV)

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Fission  
Radionuclide Production Cross Section



14

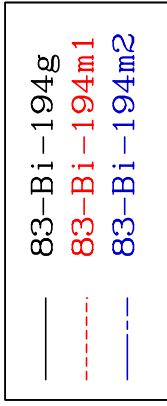
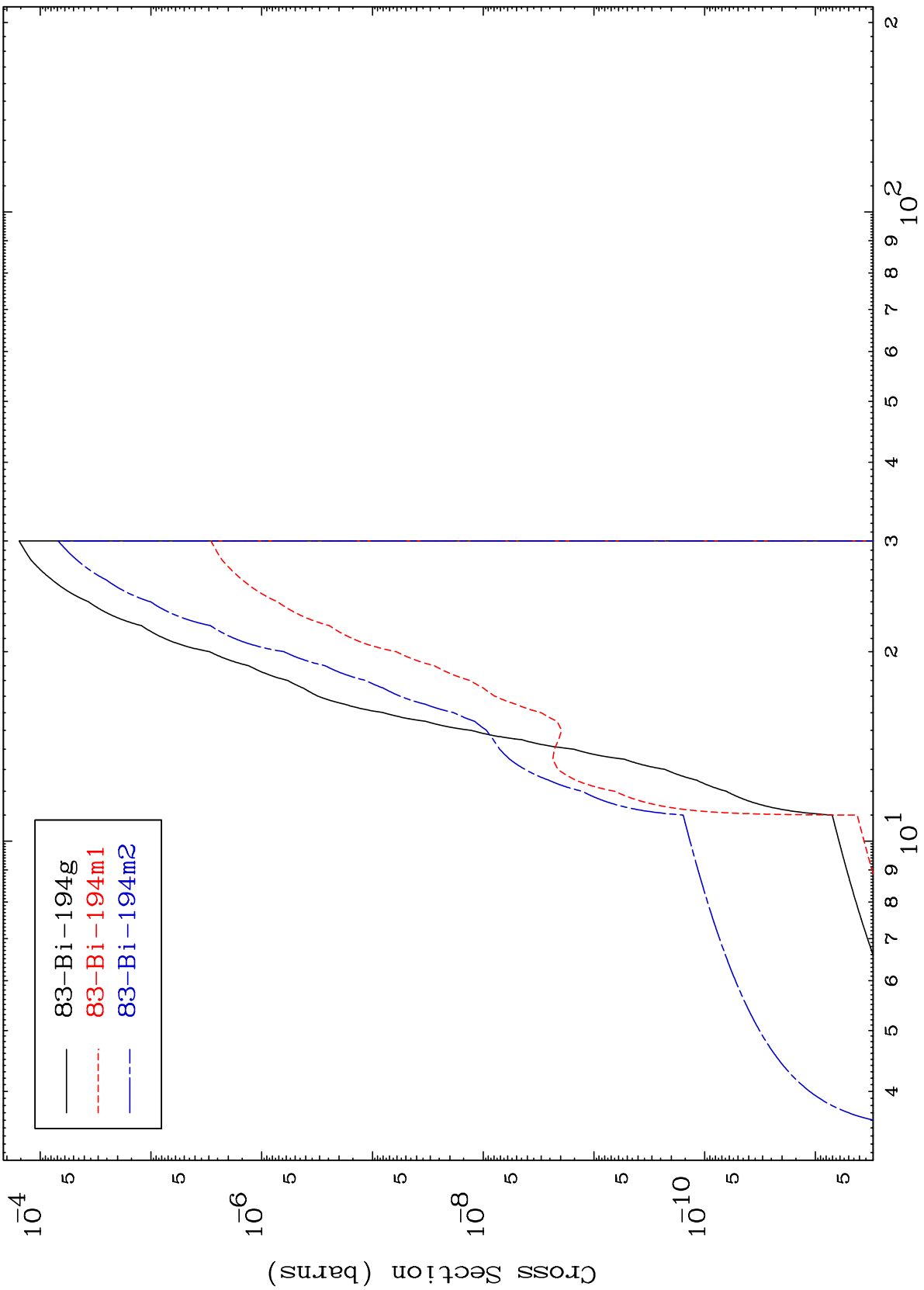
85-At-199

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(n,n')  $\alpha$

85-At-199

Radionuclide Production Cross Section



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Incident Energy (MeV)

85-At-199

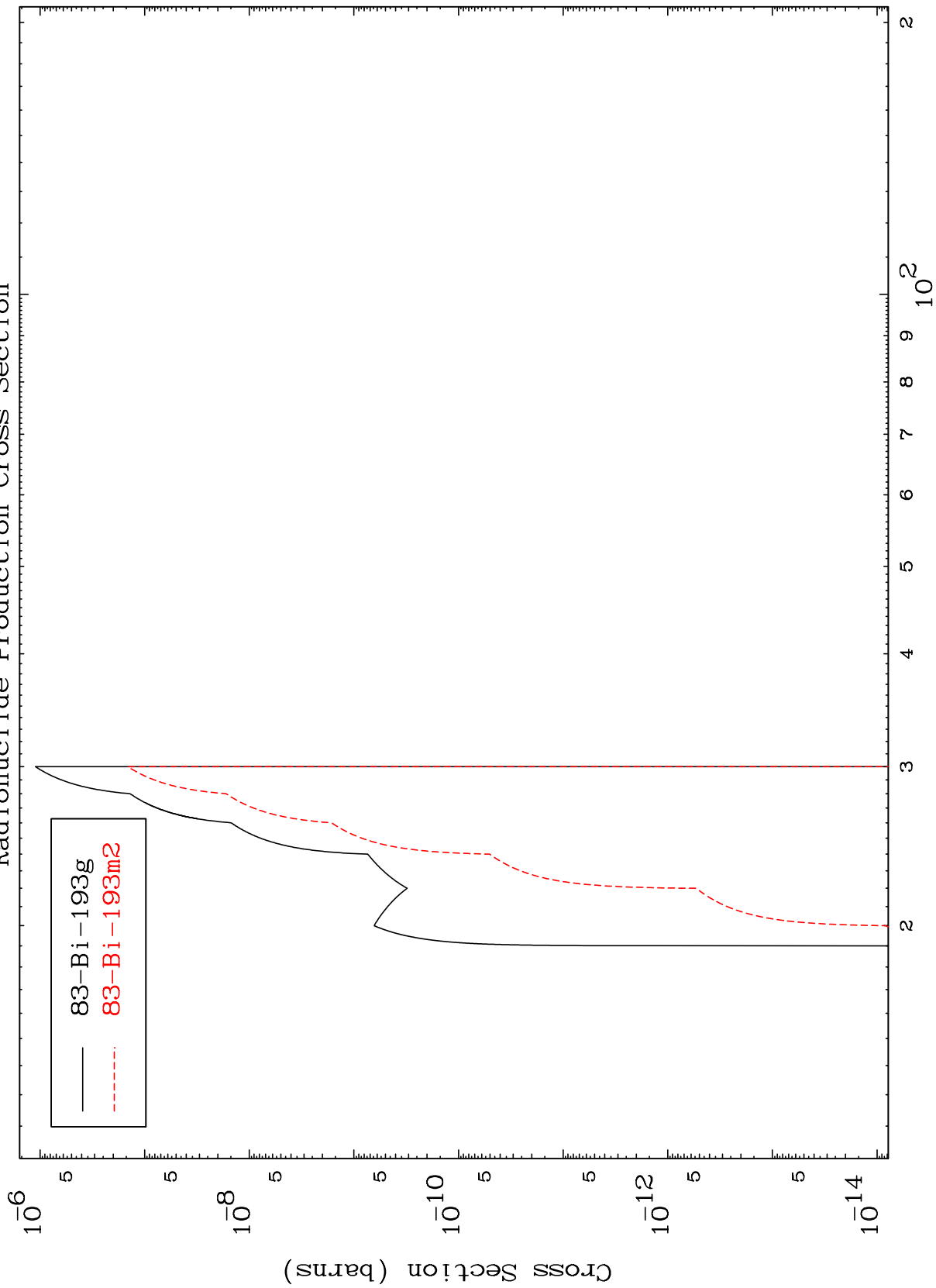


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(n,2n)  $\alpha$

85-At-199

Radionuclide Production Cross Section

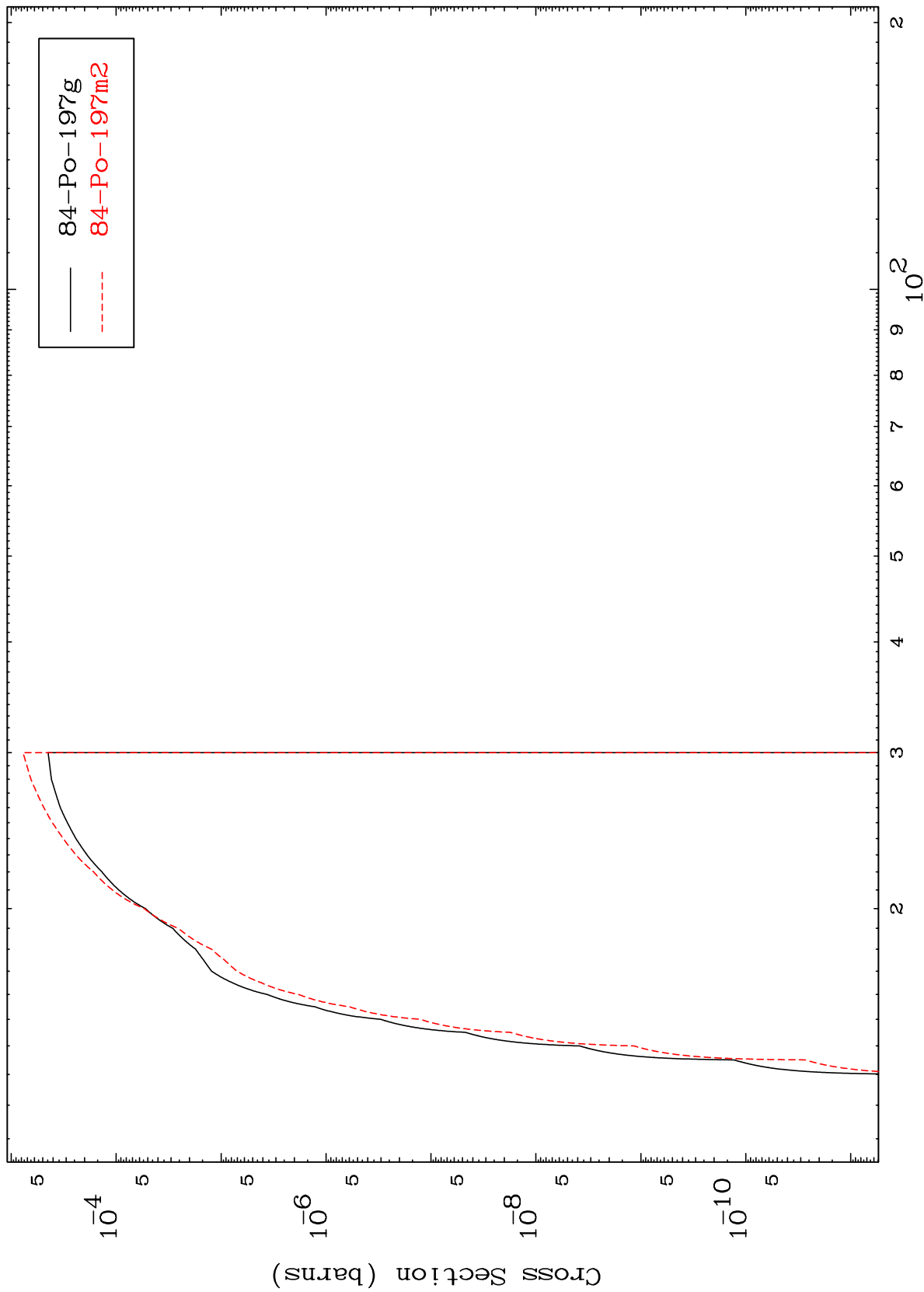


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Incident Energy (MeV)

85-At-199

Radionuclide Production Cross Section

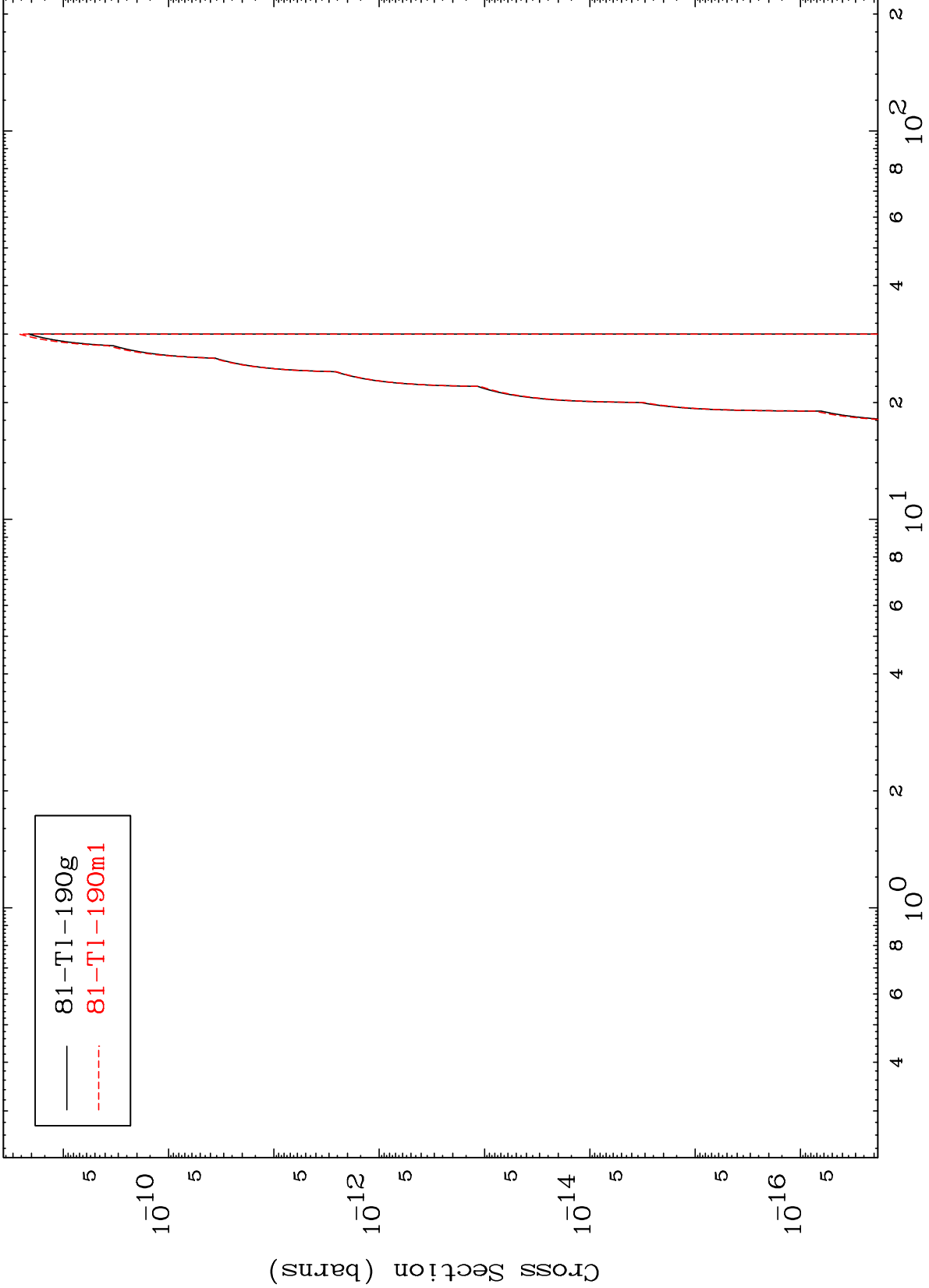


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(n,n') 2α

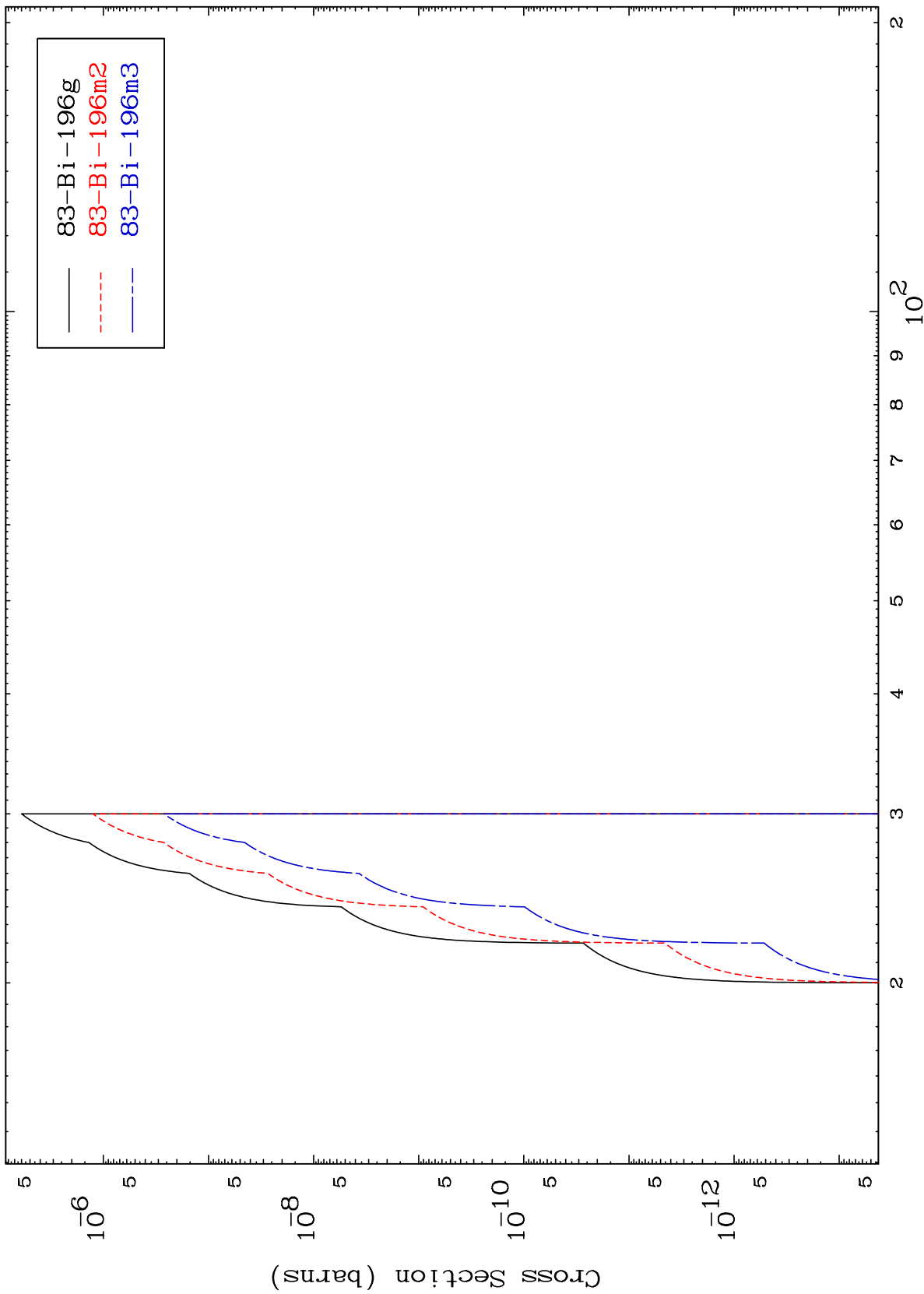
85-At-199

Radionuclide Production Cross Section



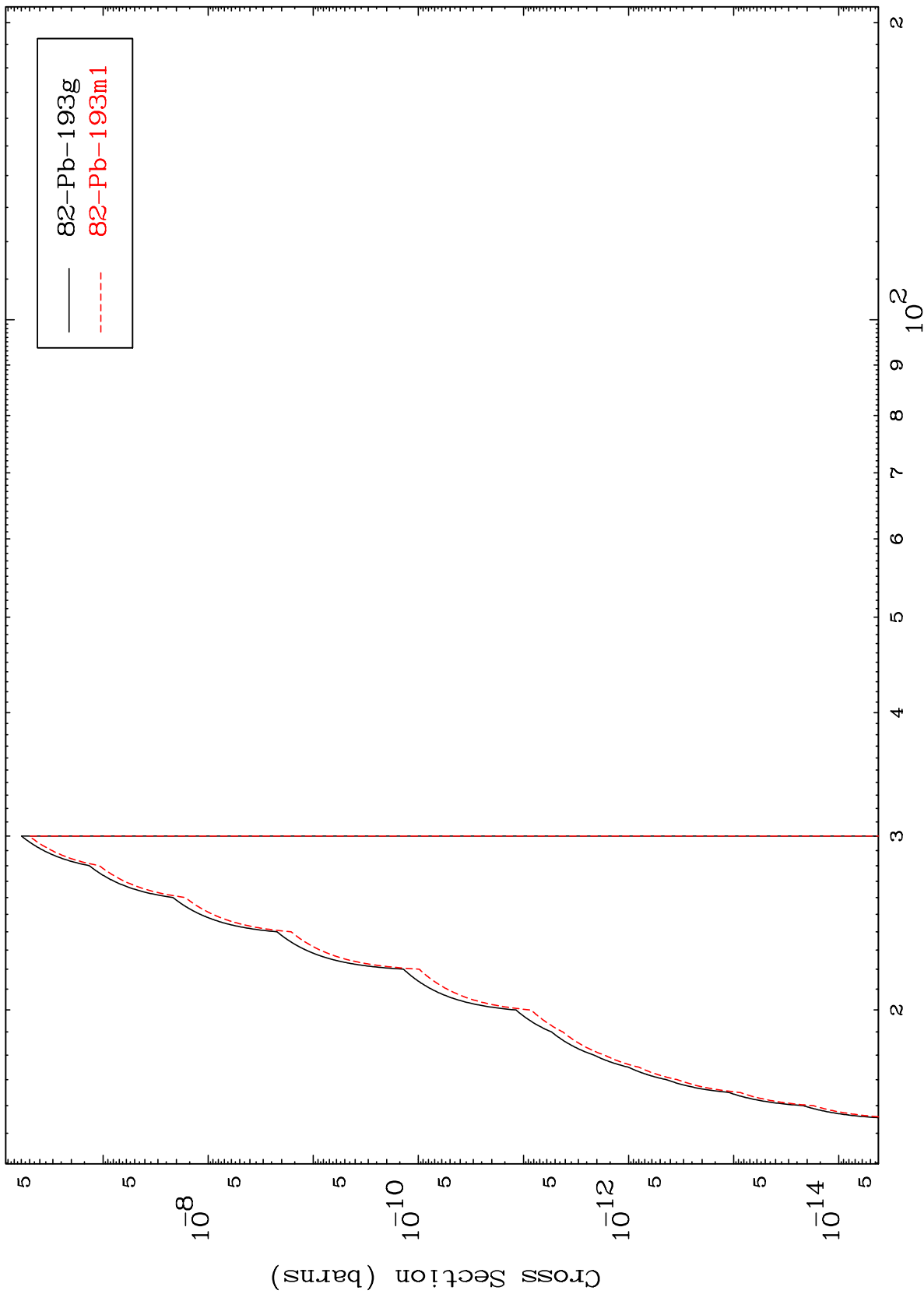
81-Tl-190g  
81-Tl-190m1

Radionuclide Production Cross Section

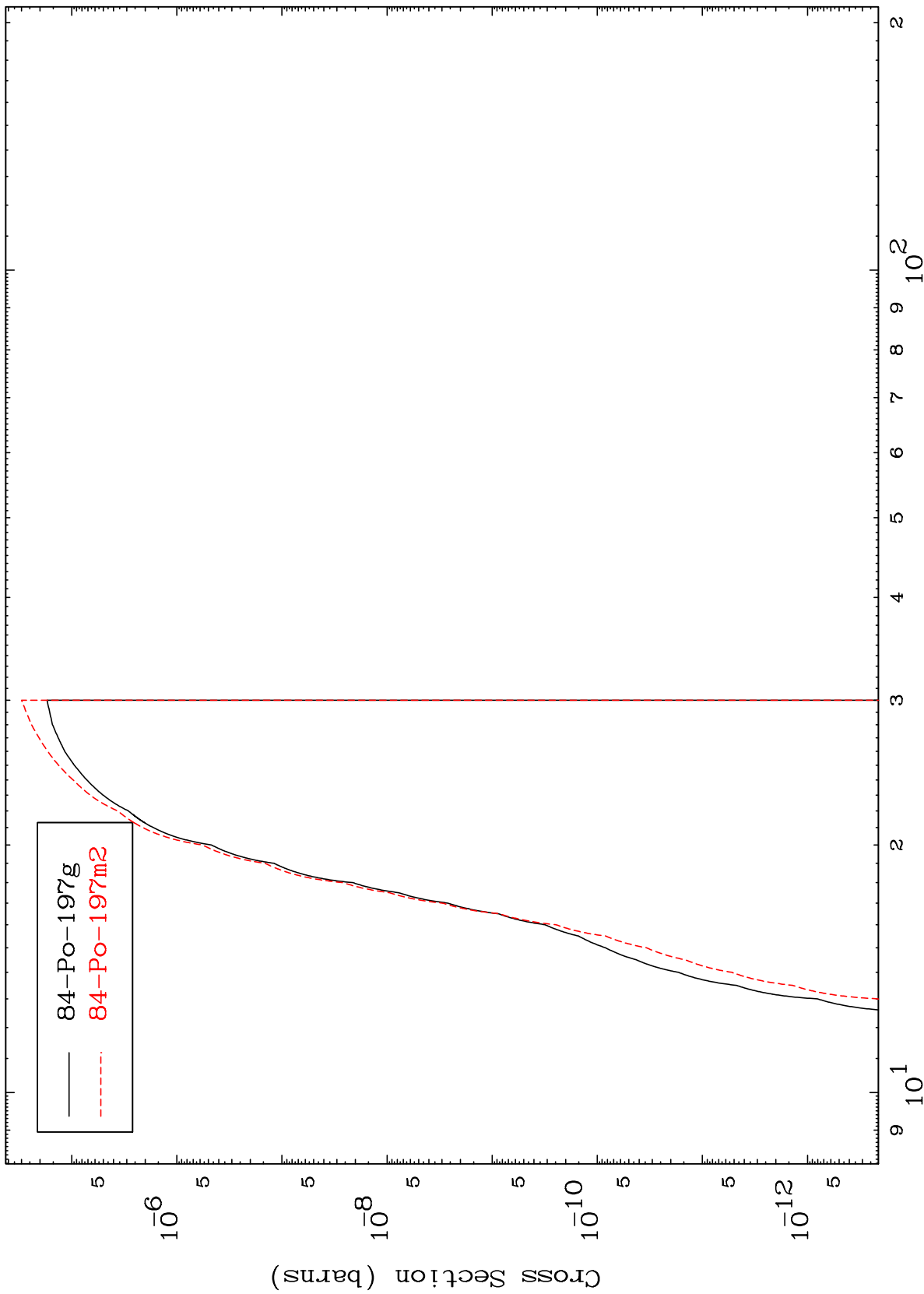


83-Bi-196g  
83-Bi-196m2  
83-Bi-196m3

Radionuclide Production Cross Section

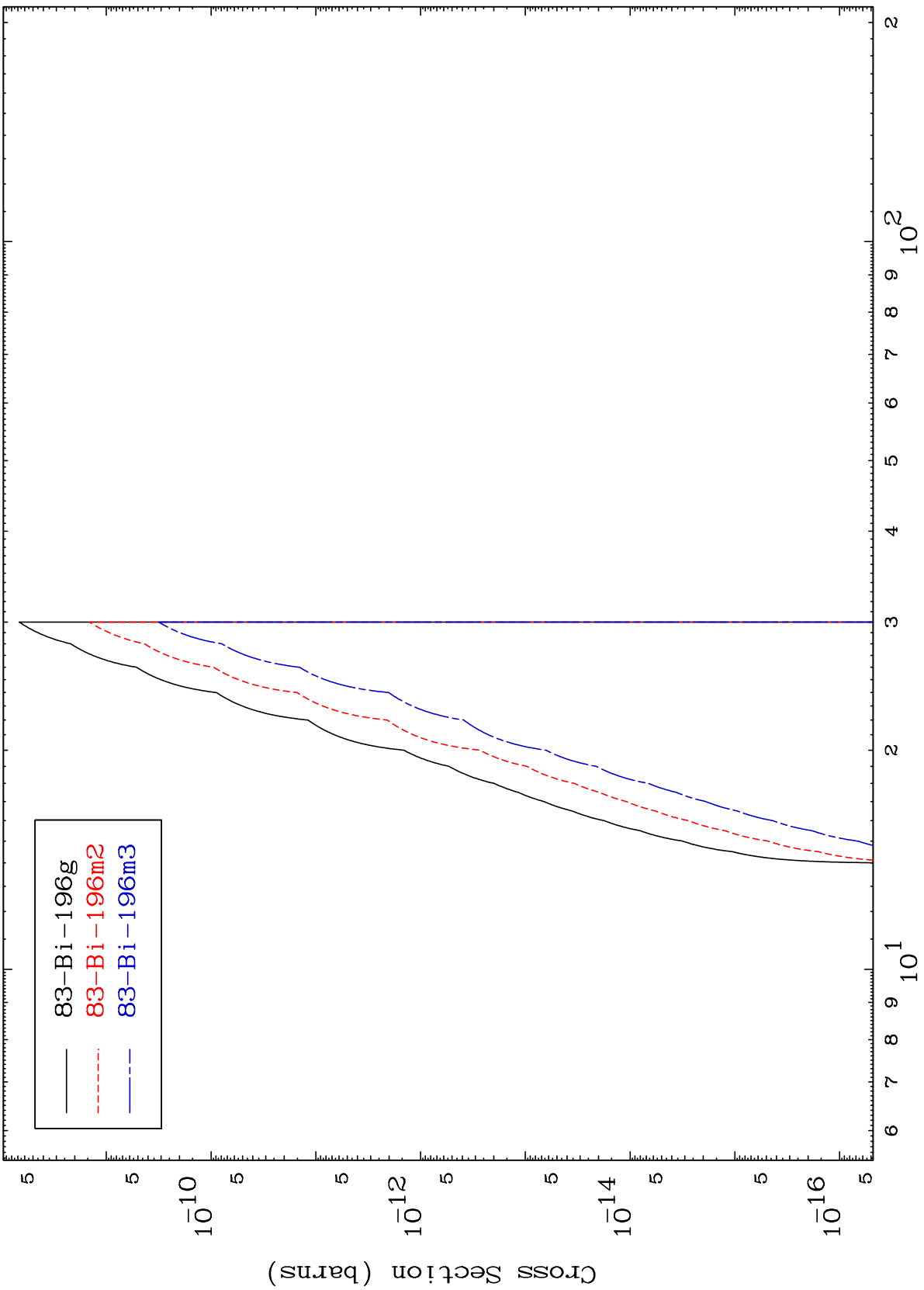


(n,d)  
Radionuclide Production Cross Section



84-Po-197g  
84-Po-197m2

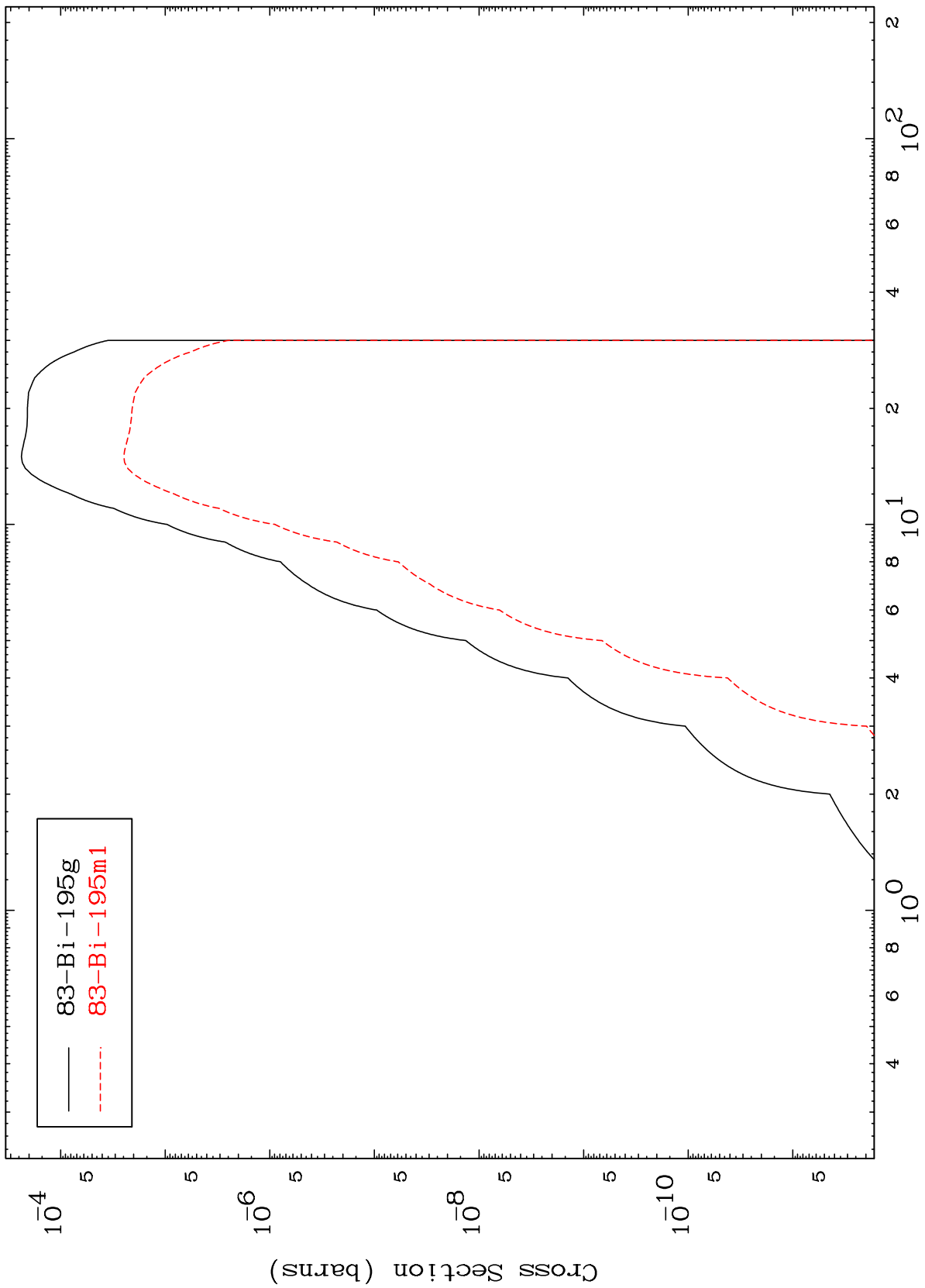
Radionuclide Production Cross Section (n,He-3)



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85-At-199

(n,  $\alpha$ )  
Radionuclide Production Cross Section



— 83-Bi-195g  
- - - 83-Bi-195m1

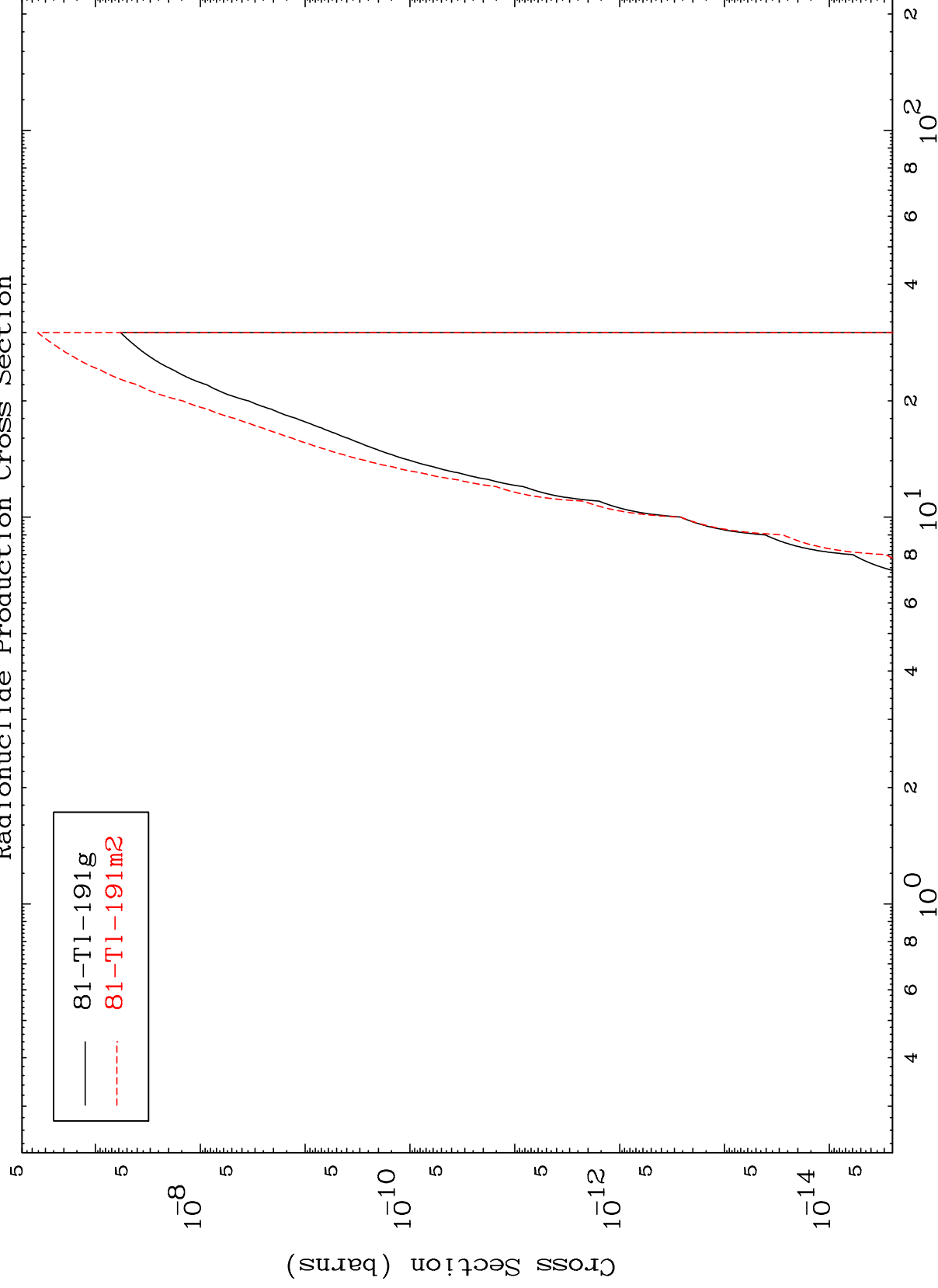


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(n,2α)

85-At-199

Radionuclide Production Cross Section

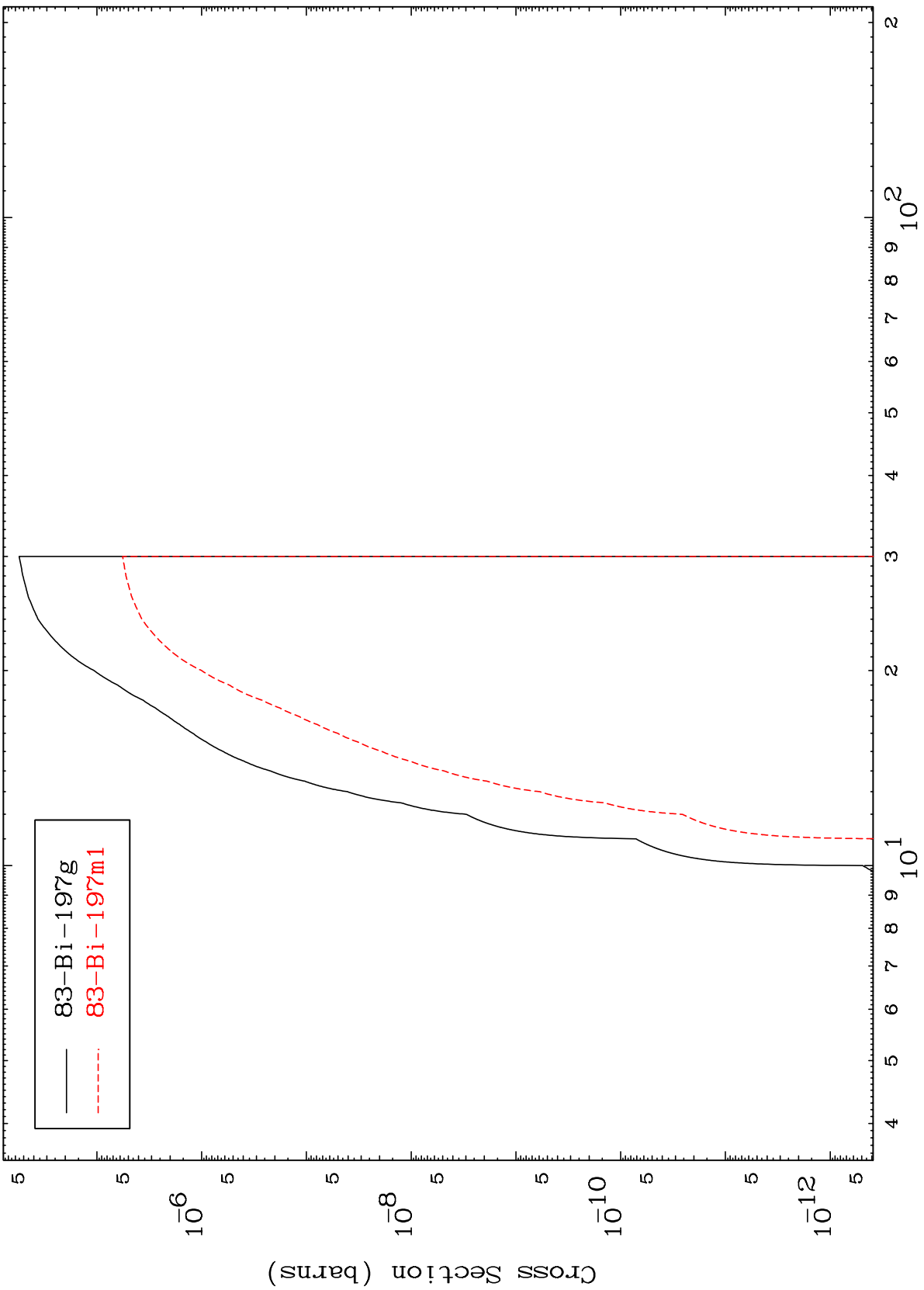


81-Tl-191g  
81-Tl-191m2

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85-At-199

Radionuclide Production Cross Section  
(n,2p)

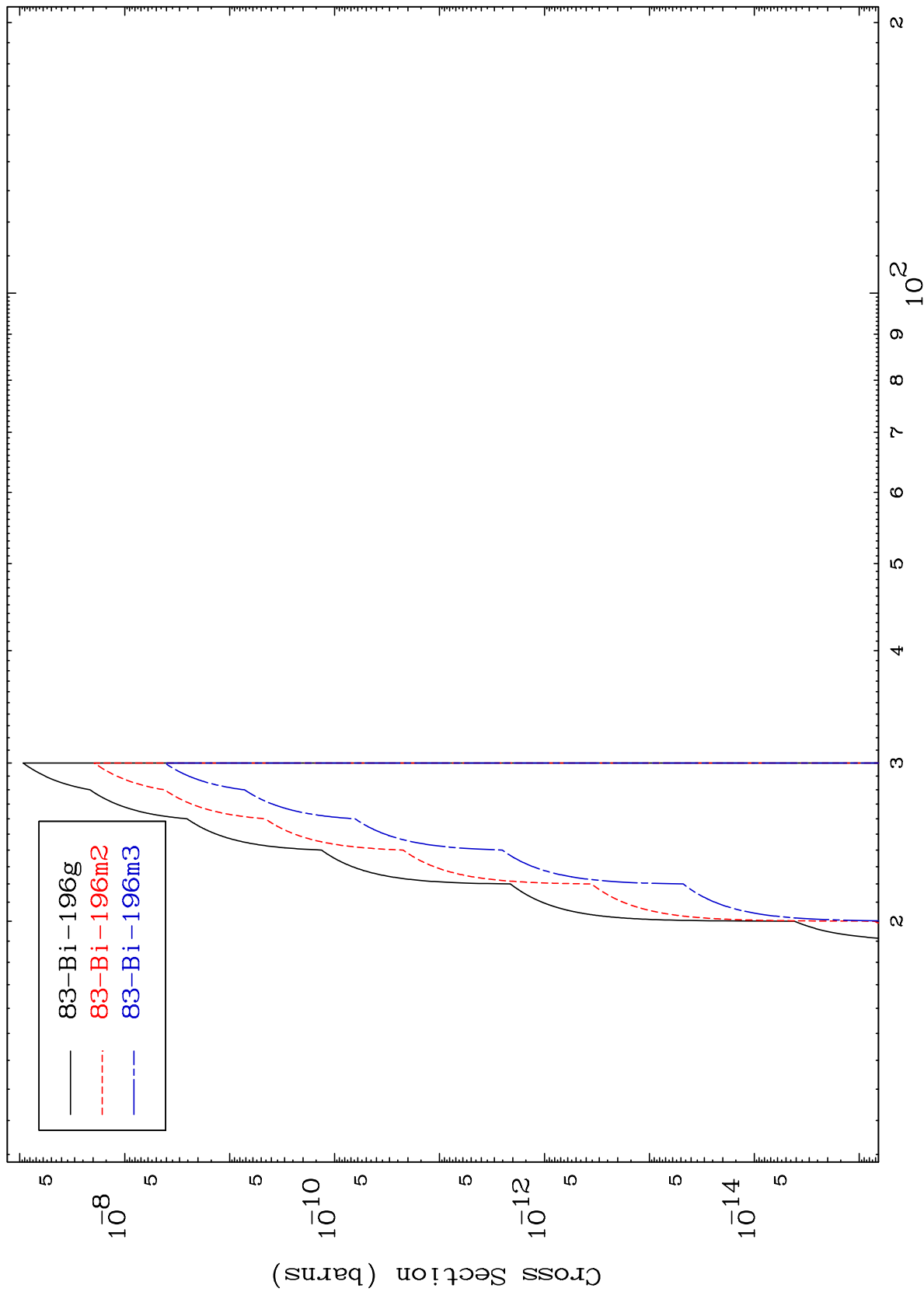


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Incident Energy (MeV)

85-At-199

Radionuclide Production Cross Section

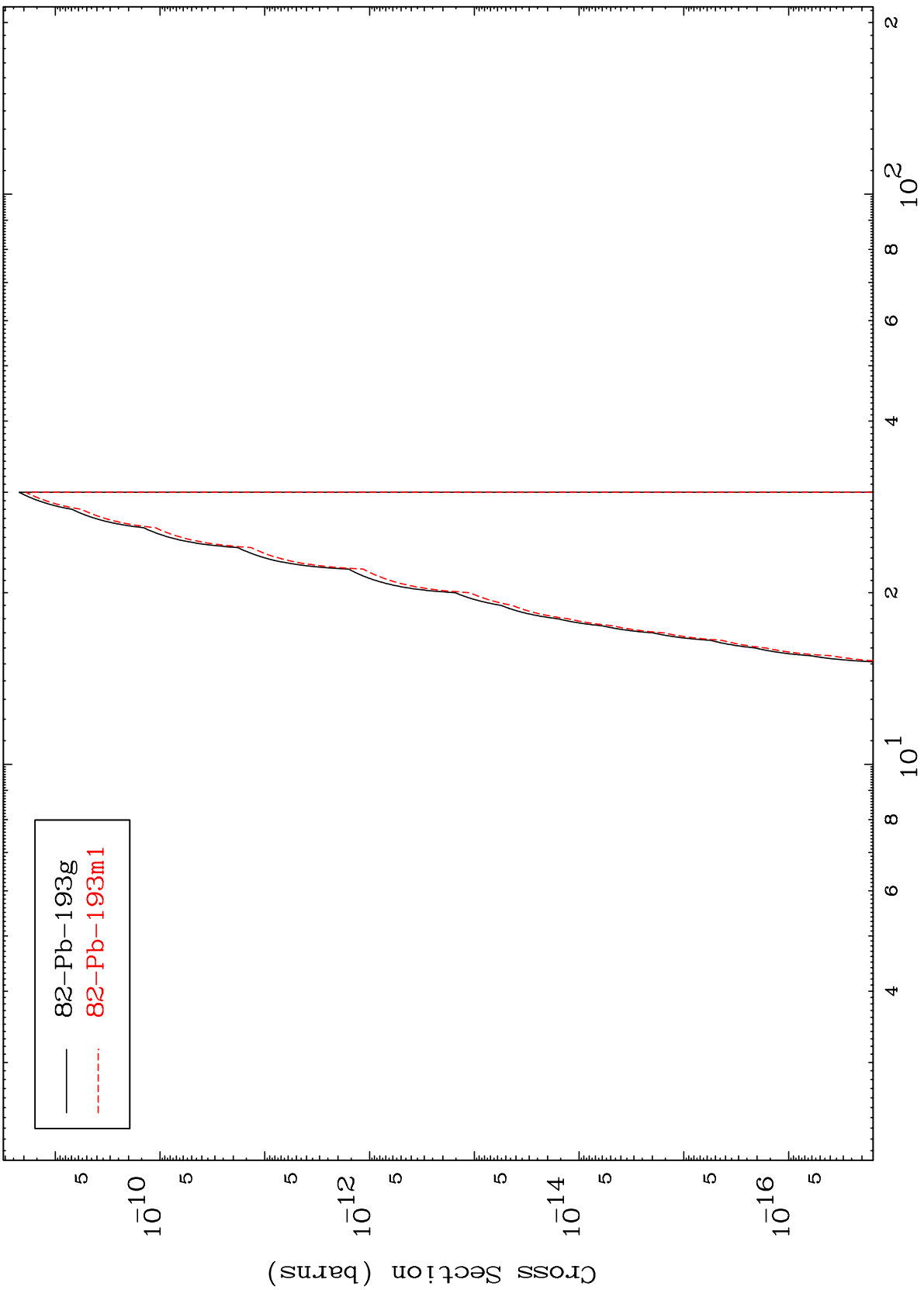


MAT 8513

(n,d)  $\alpha$

85-At-199

Radionuclide Production Cross Section



— 82-Pb-193g  
- - - 82-Pb-193m1