

Program EVALPLOT
(Version 2021-1)

by

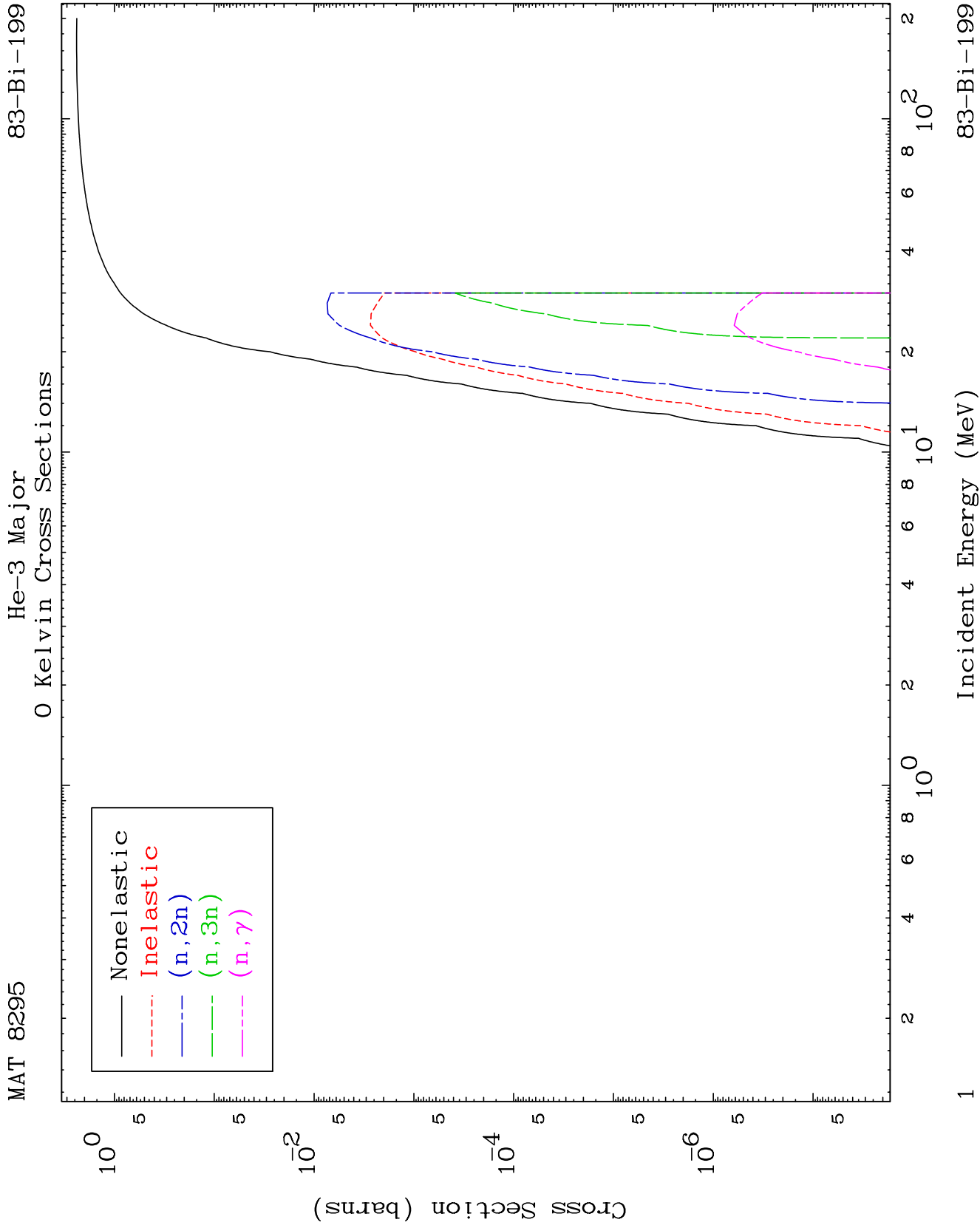
Dermott E. Cullen
(Present Contact Information)

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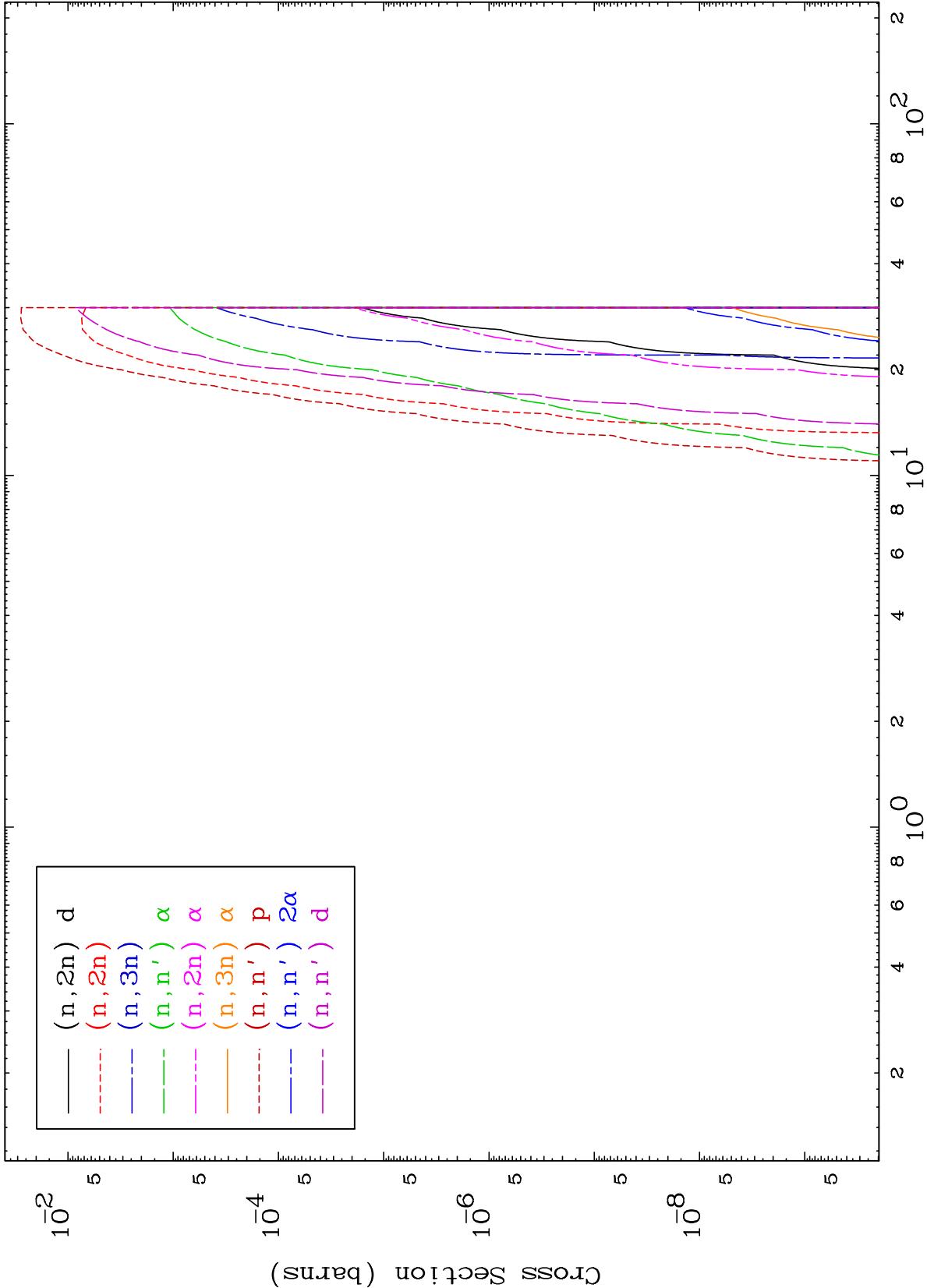
Press Mouse Button to Start

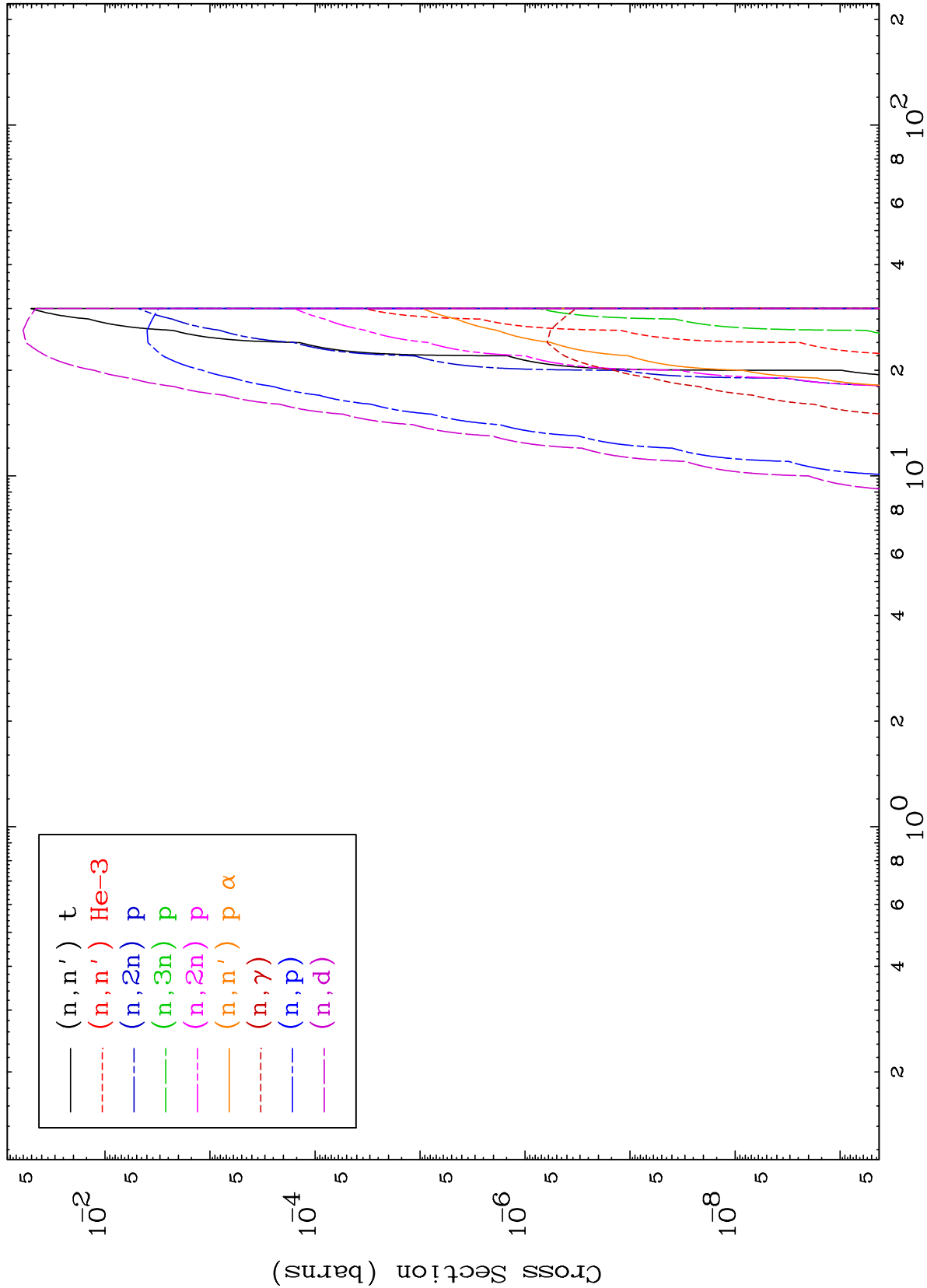


MAT 8295

He-3 Neutron Absorption
0 Kelvin Cross Sections

83-Bi-199

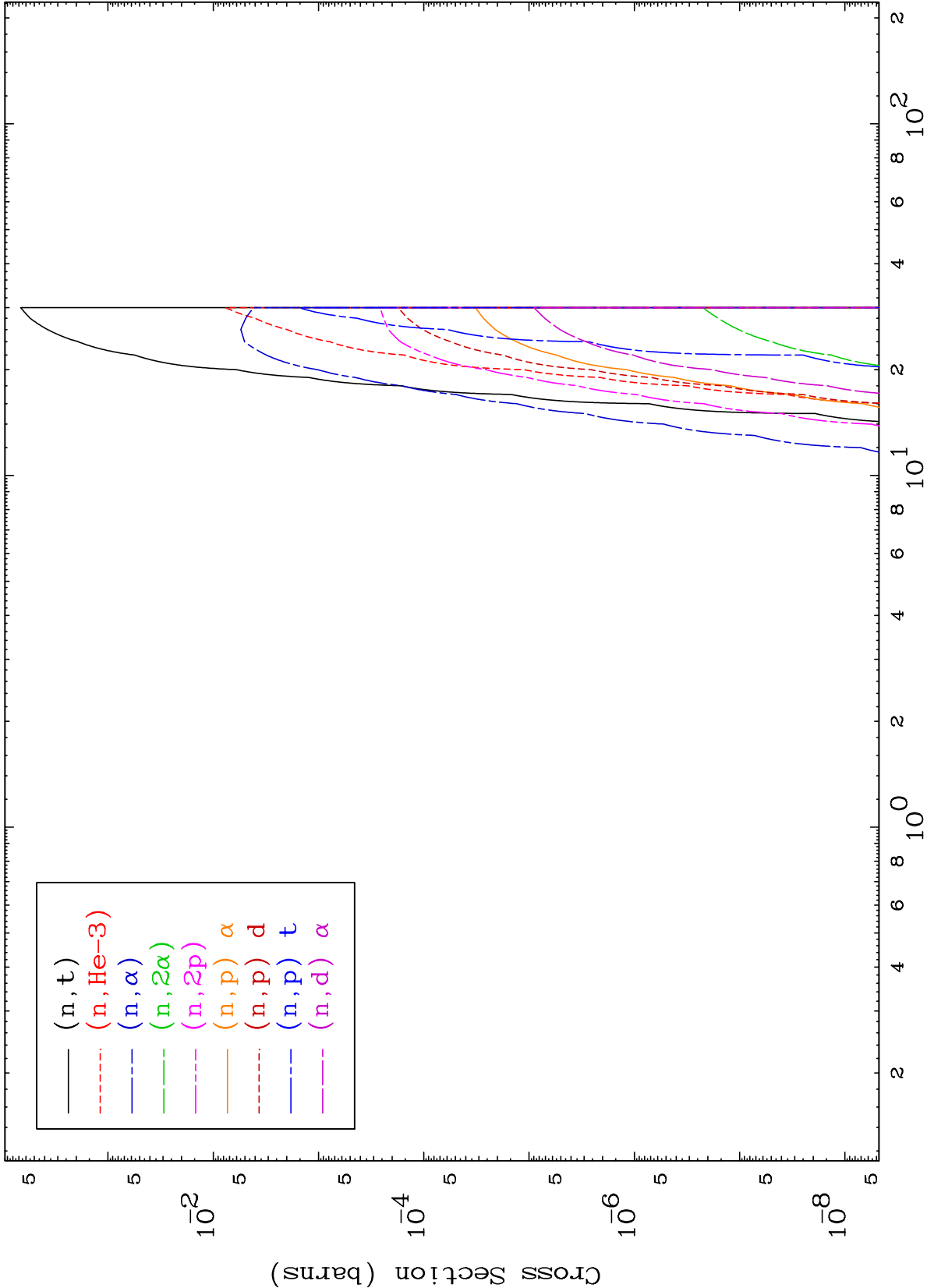


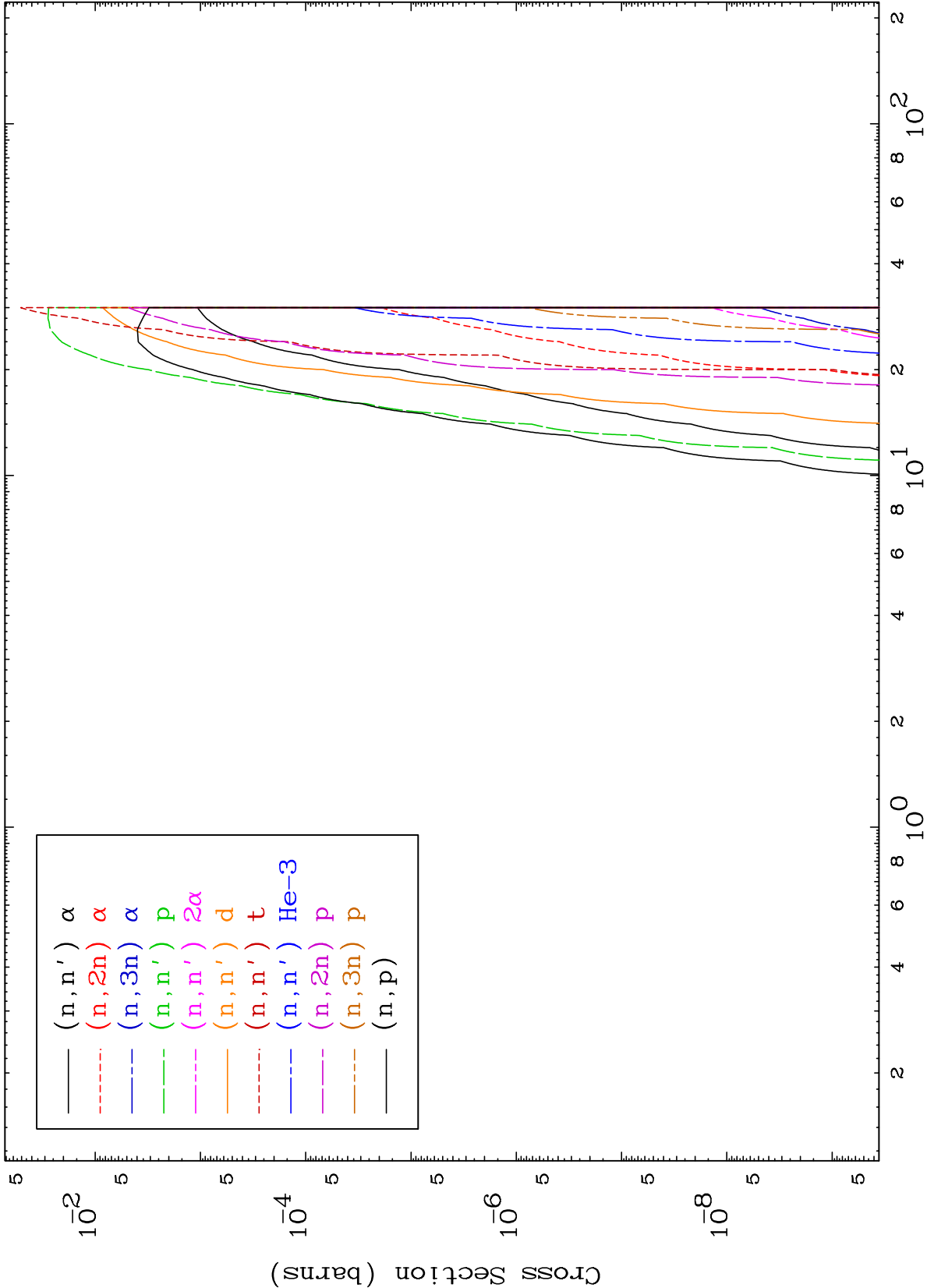


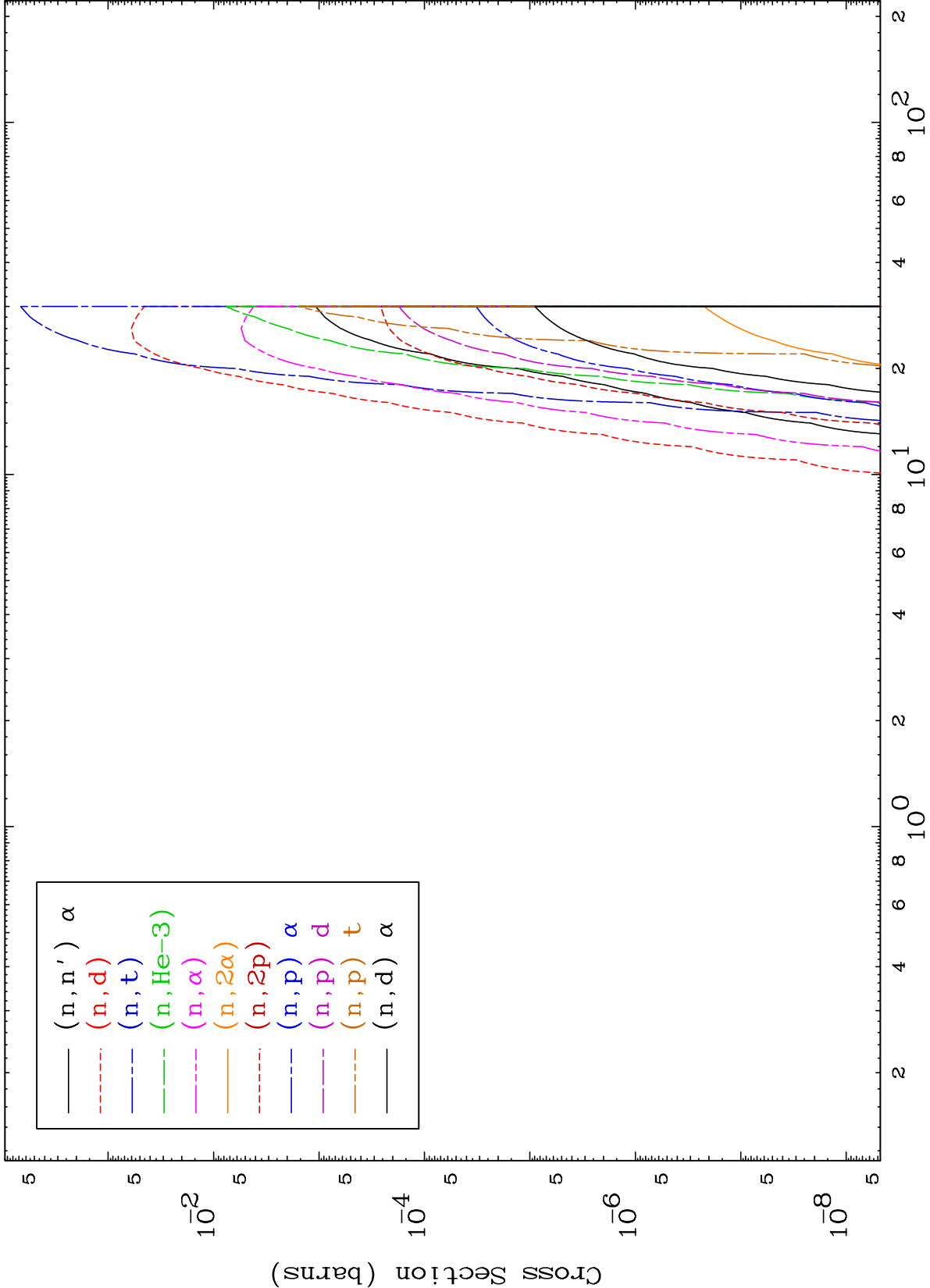
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He-3 Neutron Absorption
0 Kelvin Cross Sections

83-Bi-199



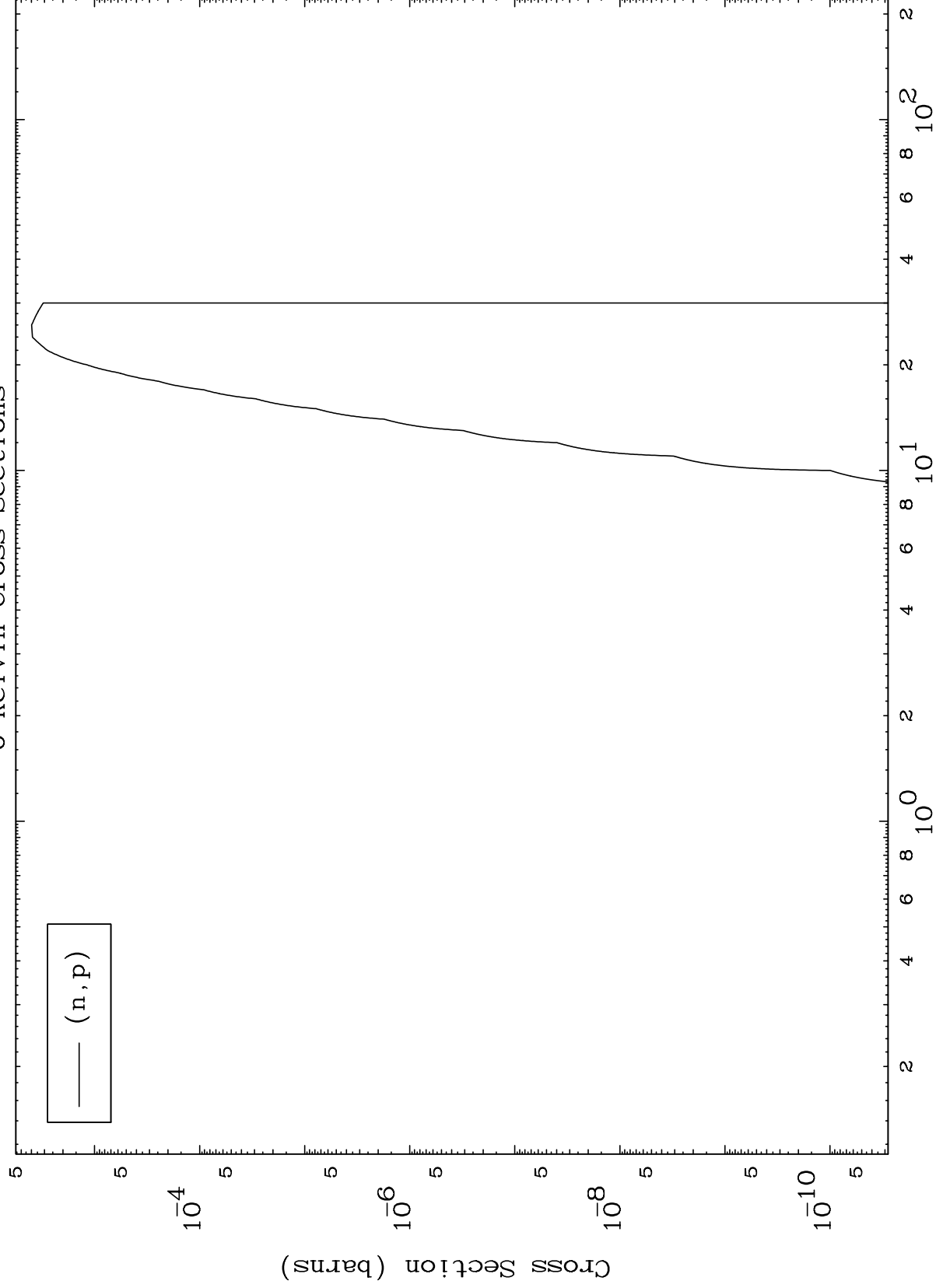




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83-Bi-199

(He-3,p) Levels
0 Kelvin Cross Sections



— (n,p)

83-Bi-199

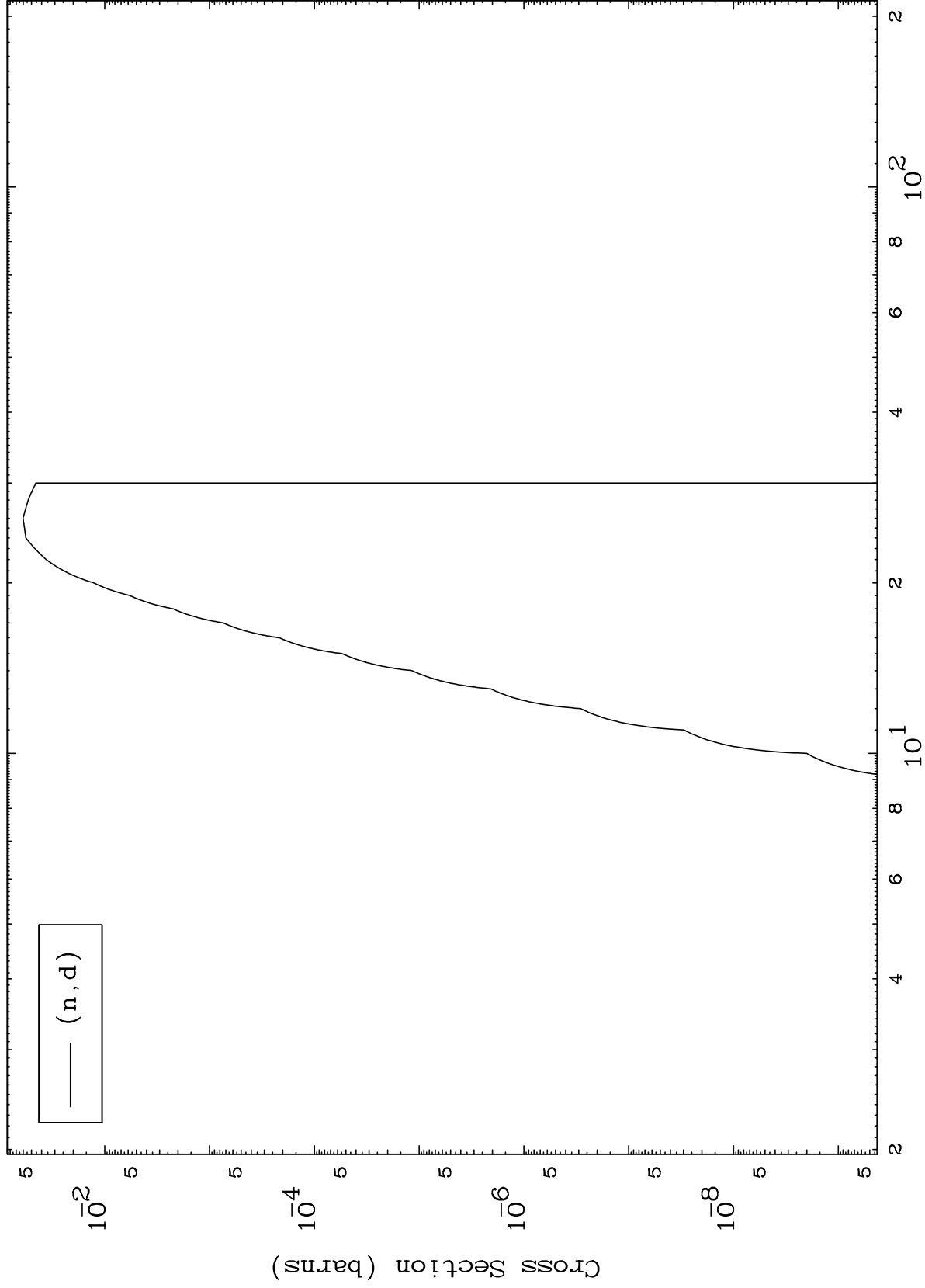
Incident Energy (MeV)

7

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(He-3,d) Levels
0 Kelvin Cross Sections



83-Bi-199

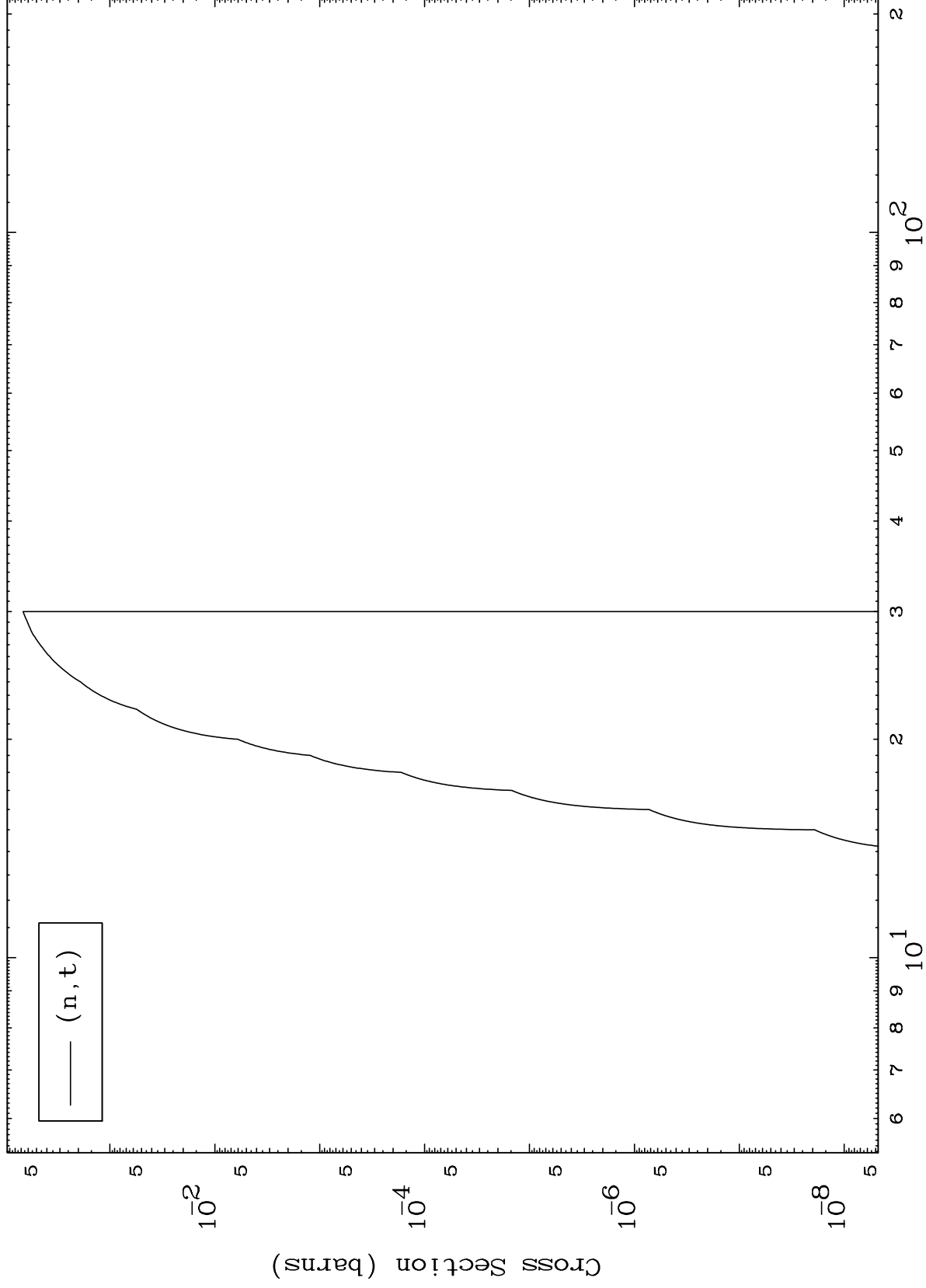
Incident Energy (MeV)

8

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83-Bi-199

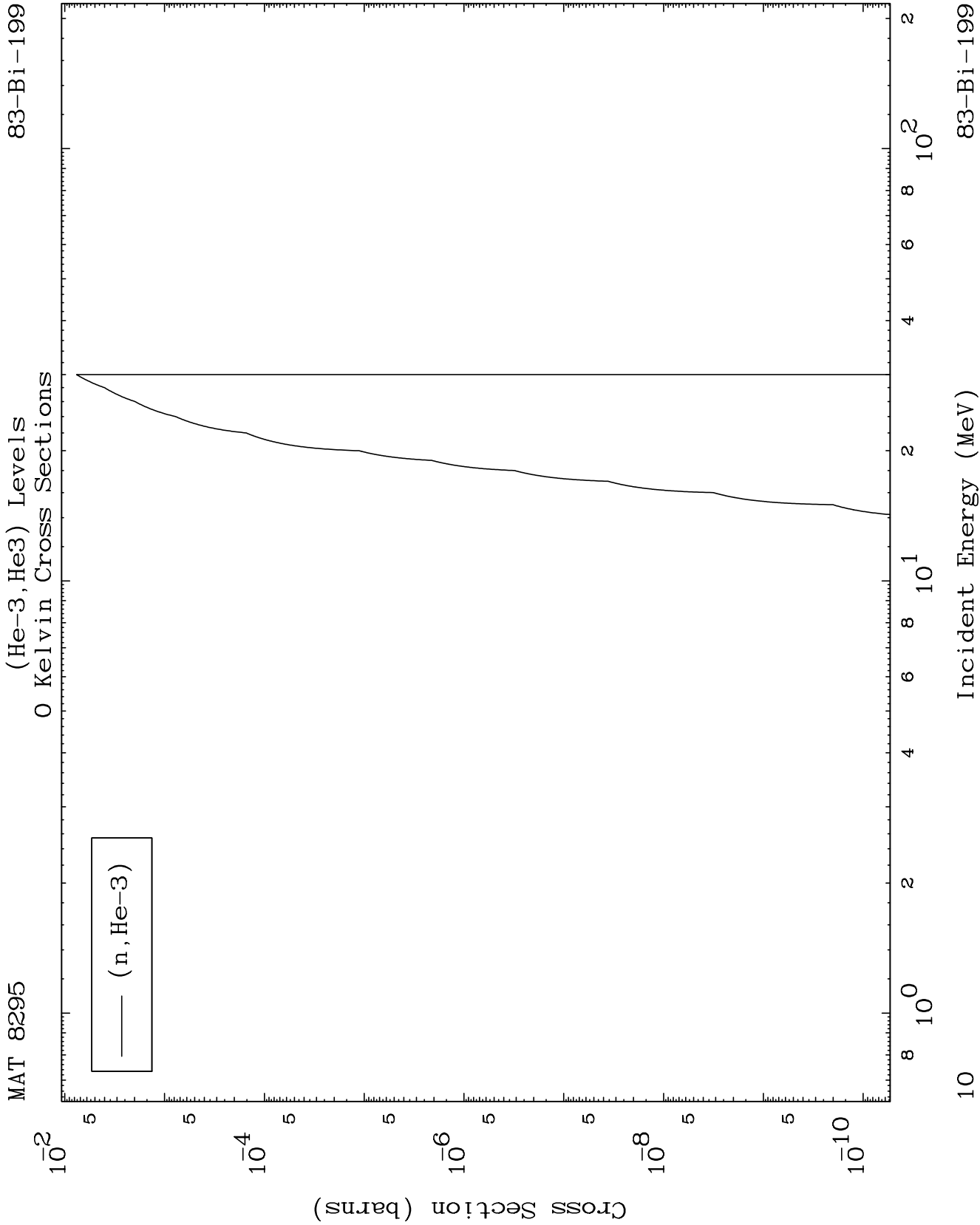
(He-3,t) Levels
0 Kelvin Cross Sections



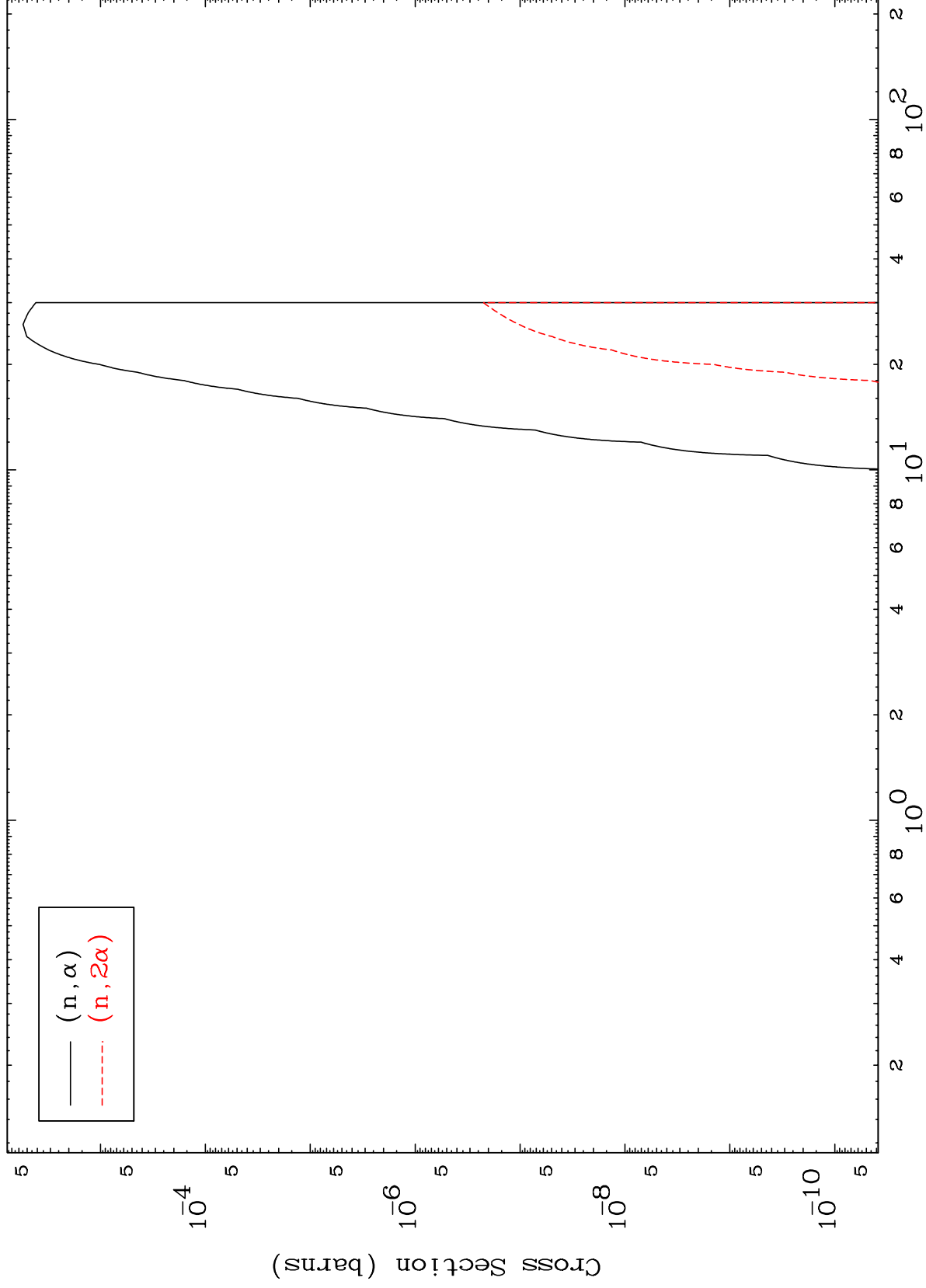
9

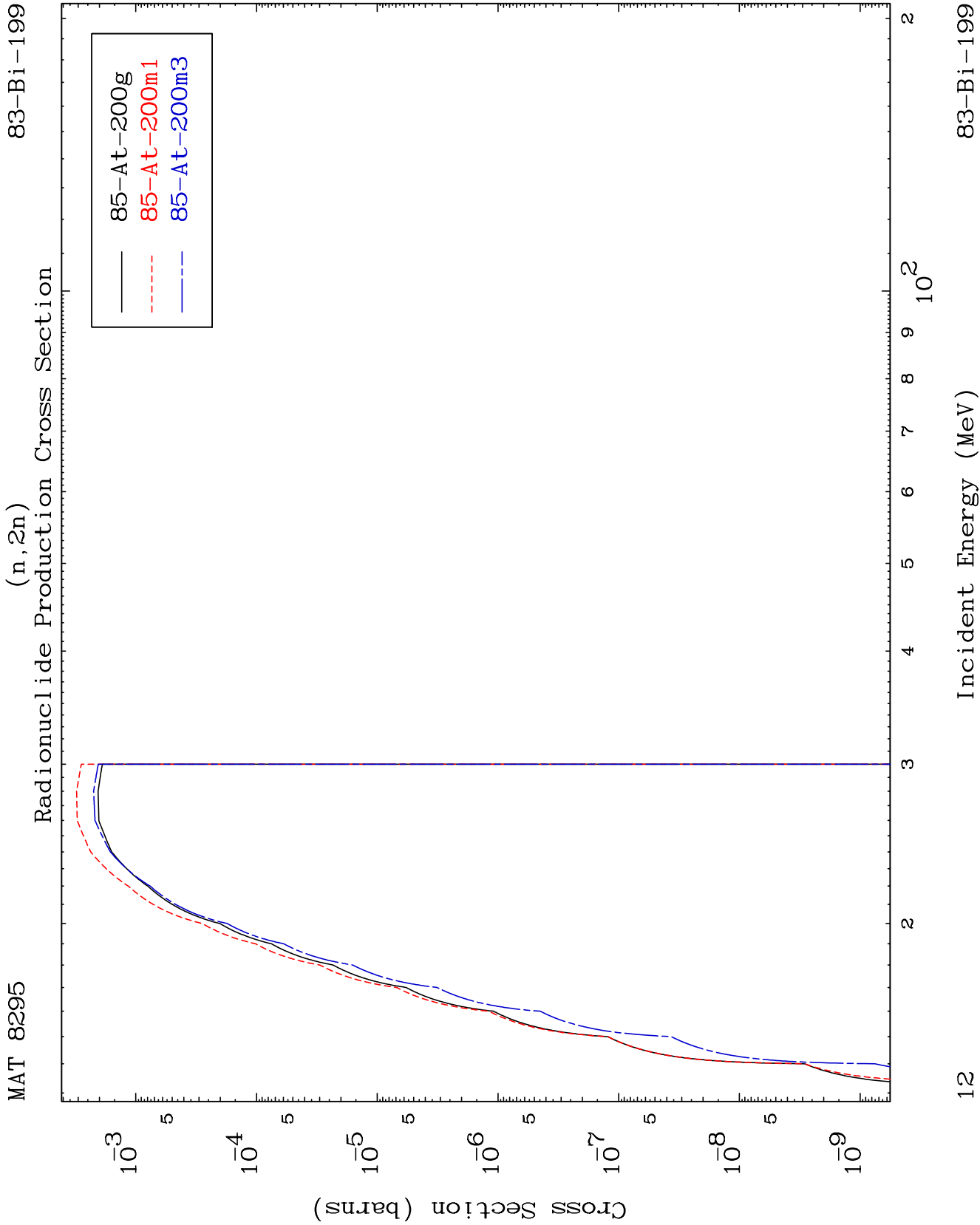
Incident Energy (MeV)

83-Bi-199



(He-3, α) Levels
0 Kelvin Cross Sections



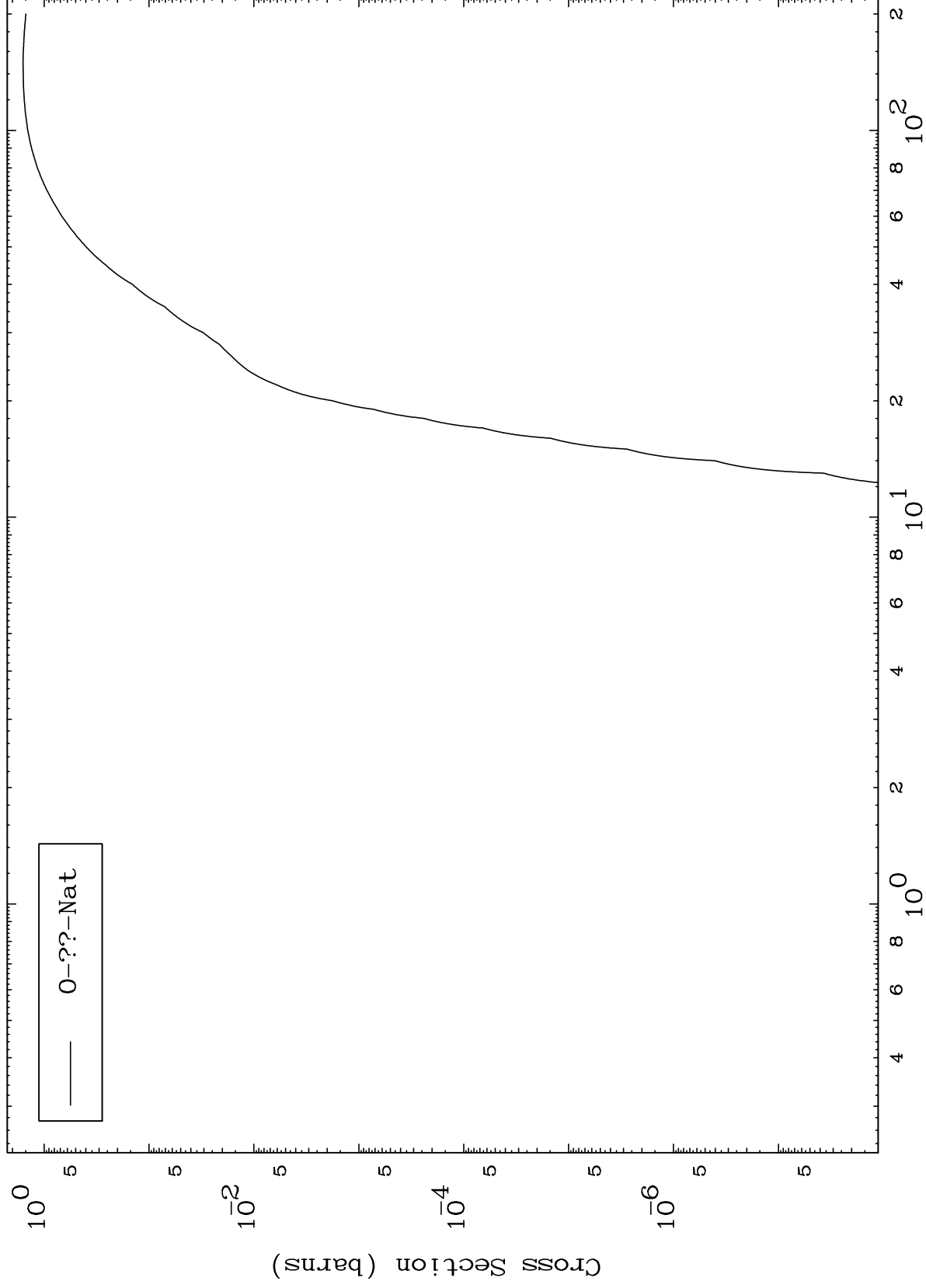


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Fission

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Radionuclide Production Cross Section



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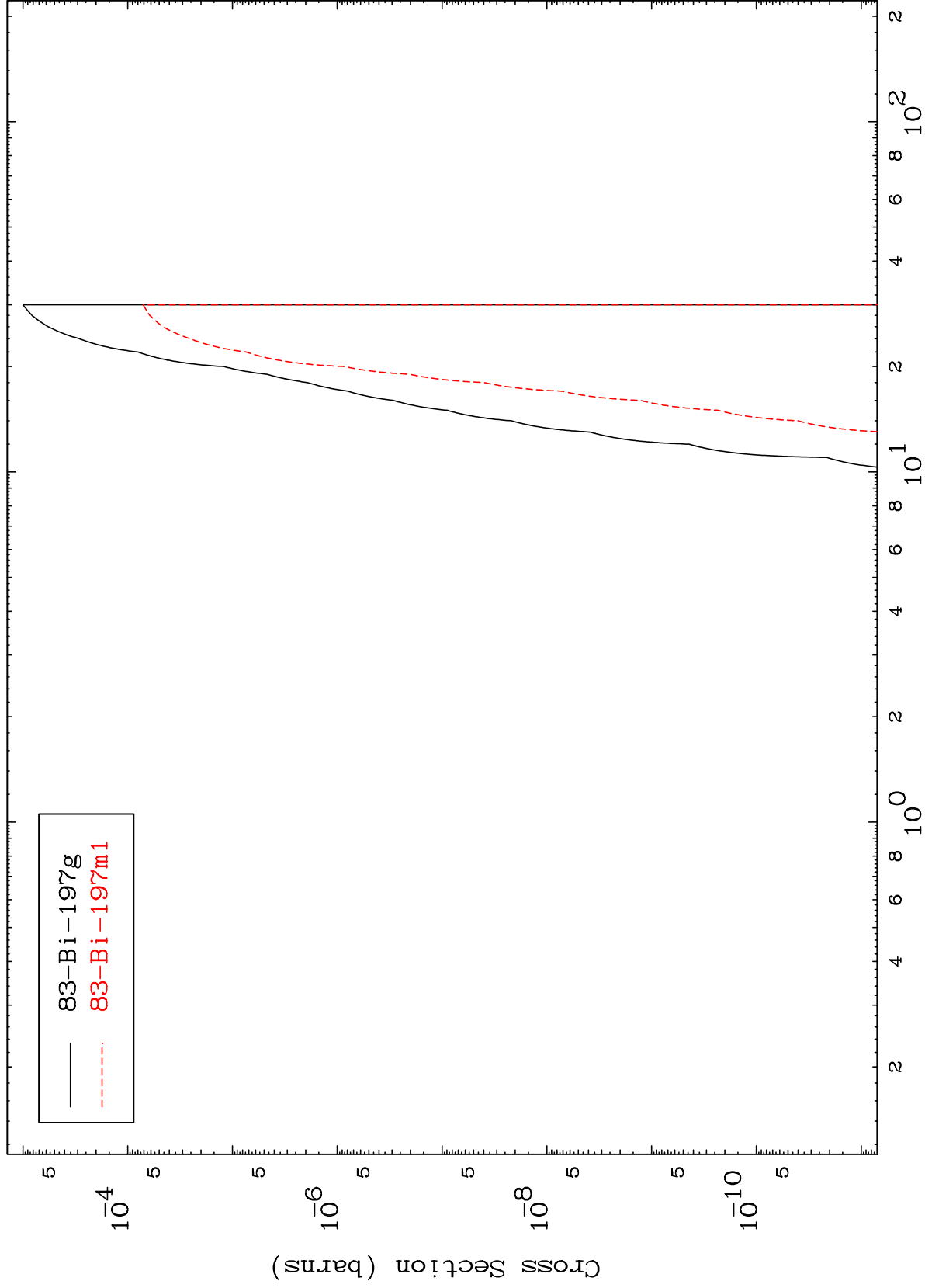
Incident Energy (MeV)

83-Bi-199

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83-Bi-199

Radionuclide Production Cross Section
(n,n') α



83-Bi-199

Incident Energy (MeV)

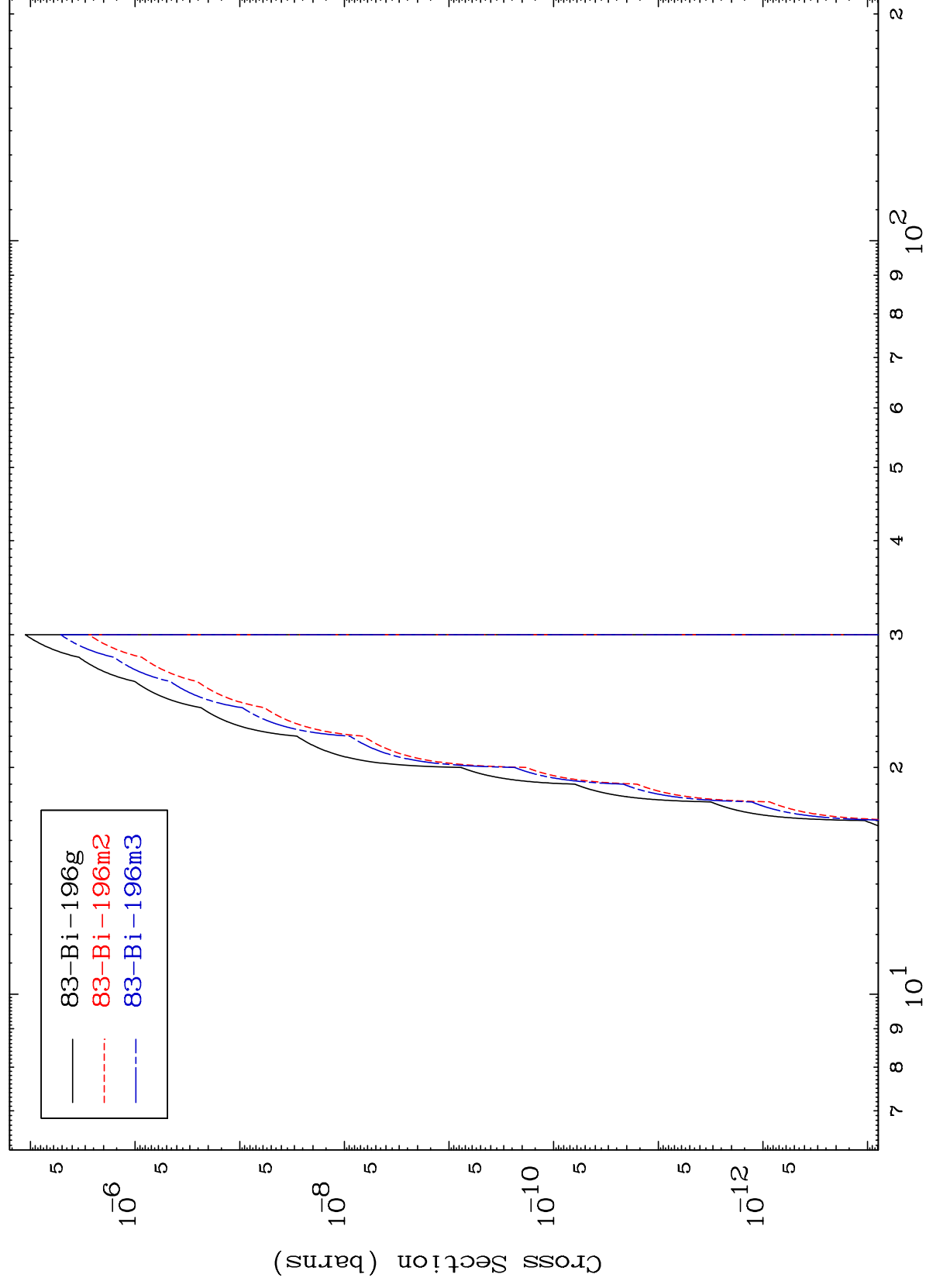
14

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83-Bi-199

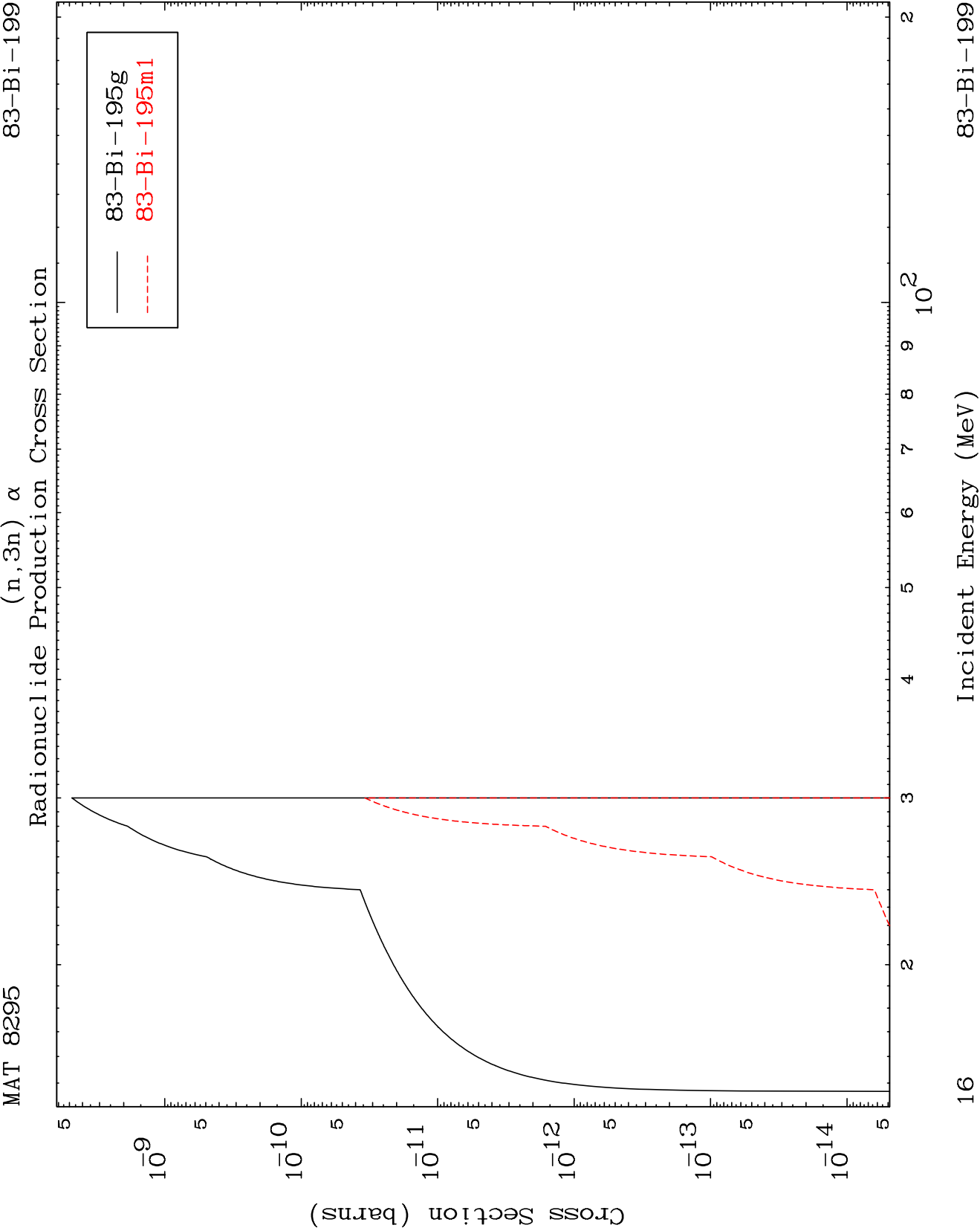
$$(n, 2n) \propto$$

Radionuclide Production Cross Section

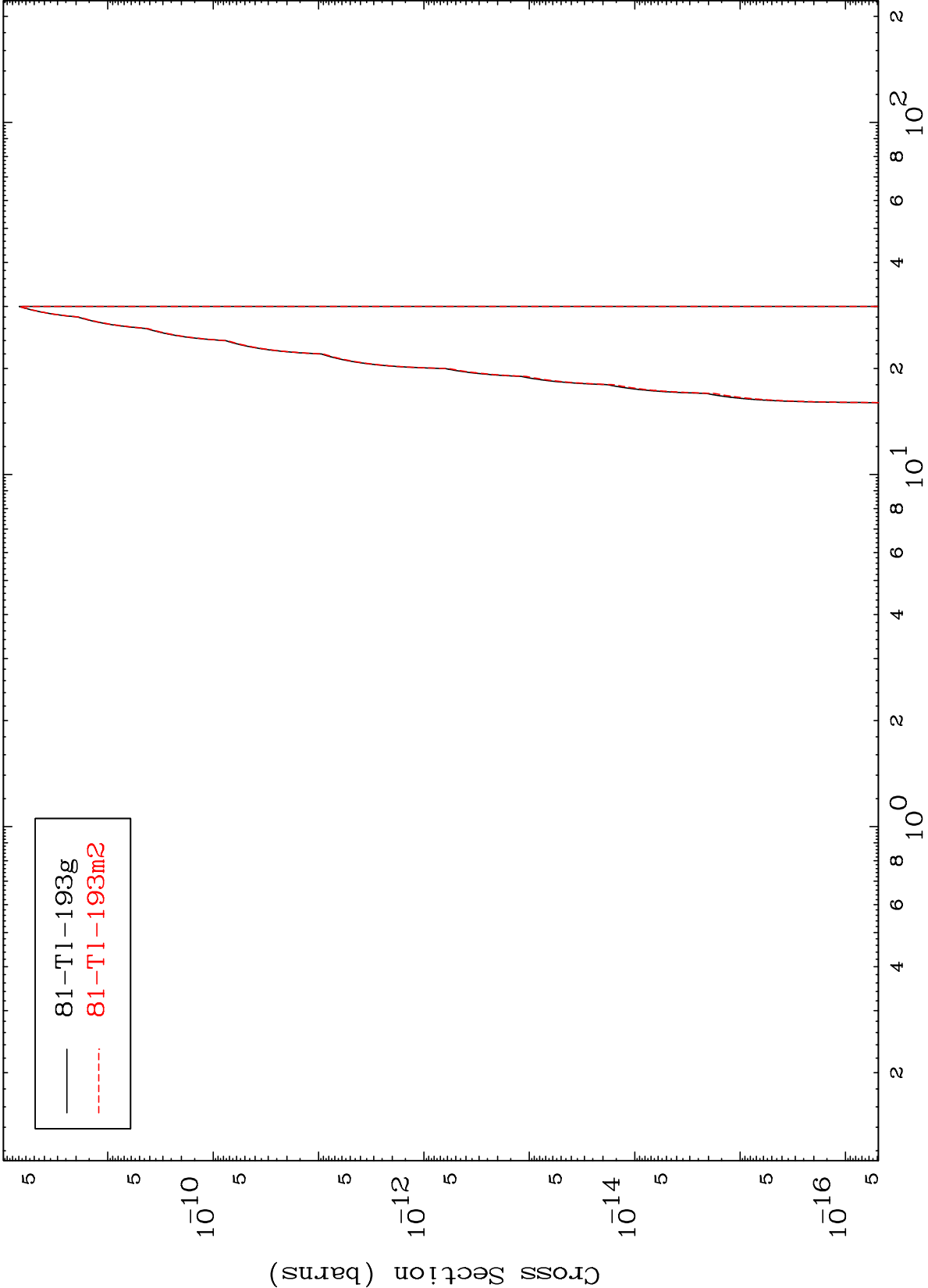


83-Bi-199

Incident Energy (MeV)



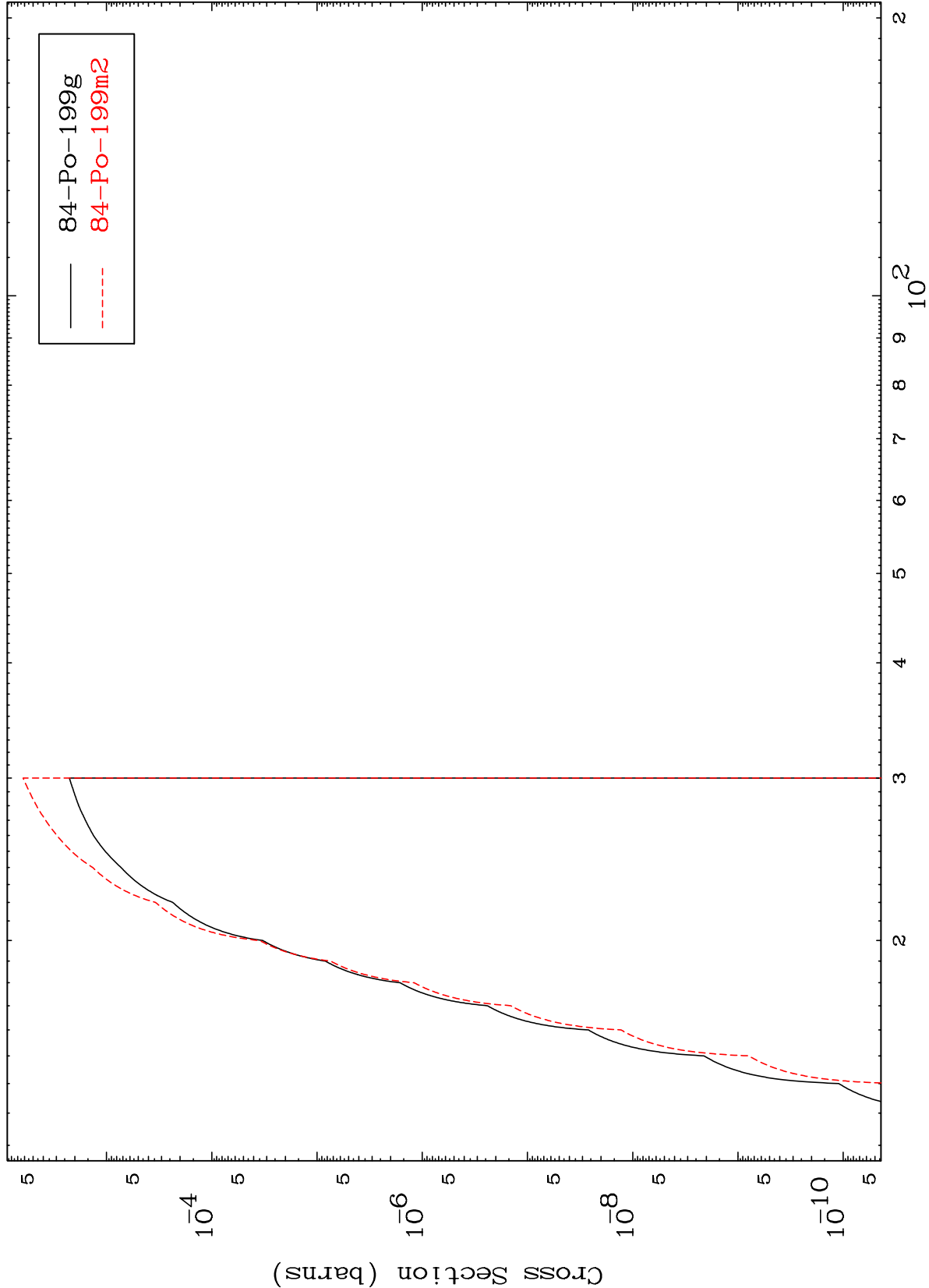
Radionuclide Production Cross Section



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(n,n') d
Radionuclide Production Cross Section



18

Incident Energy (MeV)

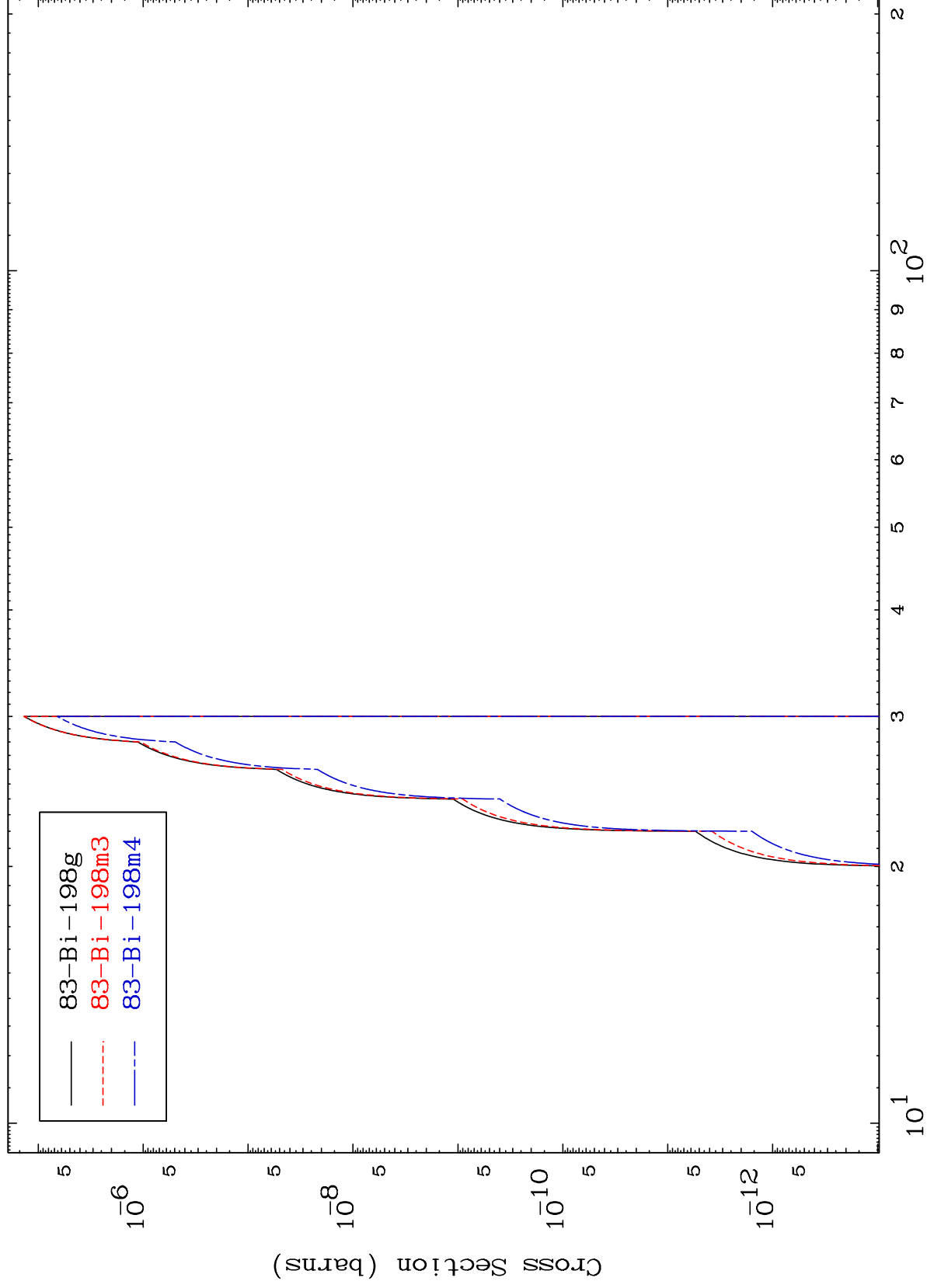
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(n,n') He-3

83-Bi-199

Radionuclide Production Cross Section



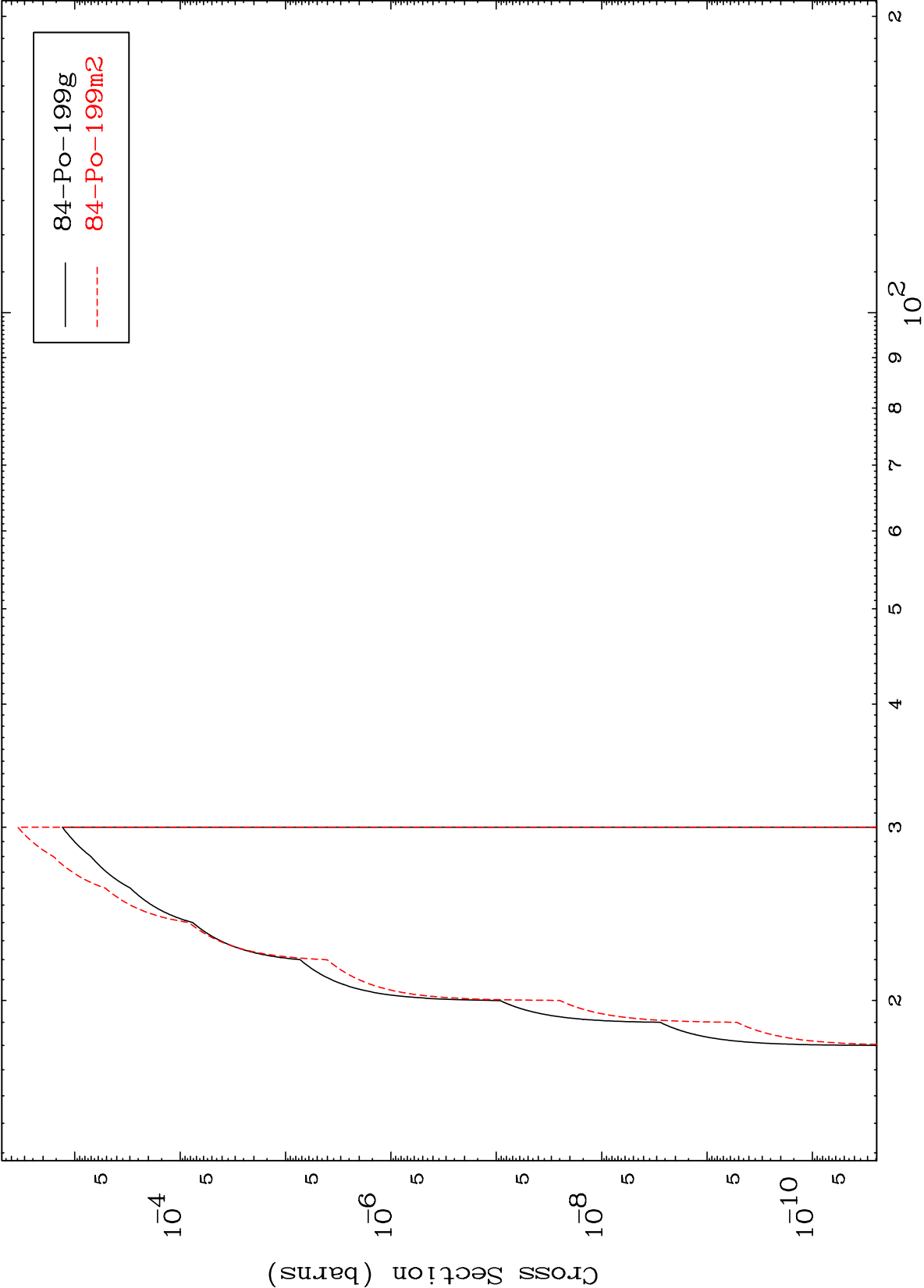
Incident Energy (MeV)

83-Bi-199

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83-Bi-199

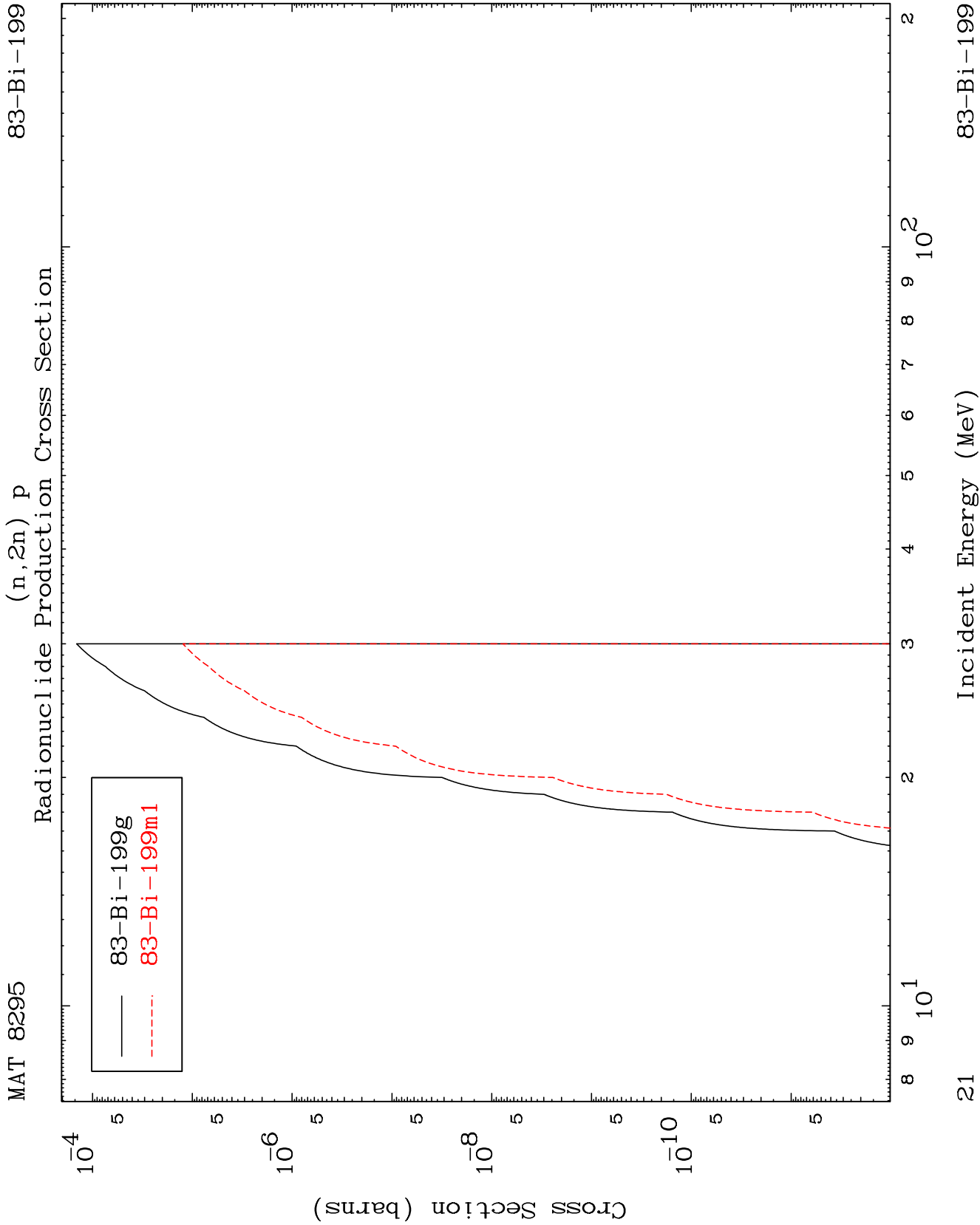
(n,2n) p
Radionuclide Production Cross Section



20

Incident Energy (MeV)

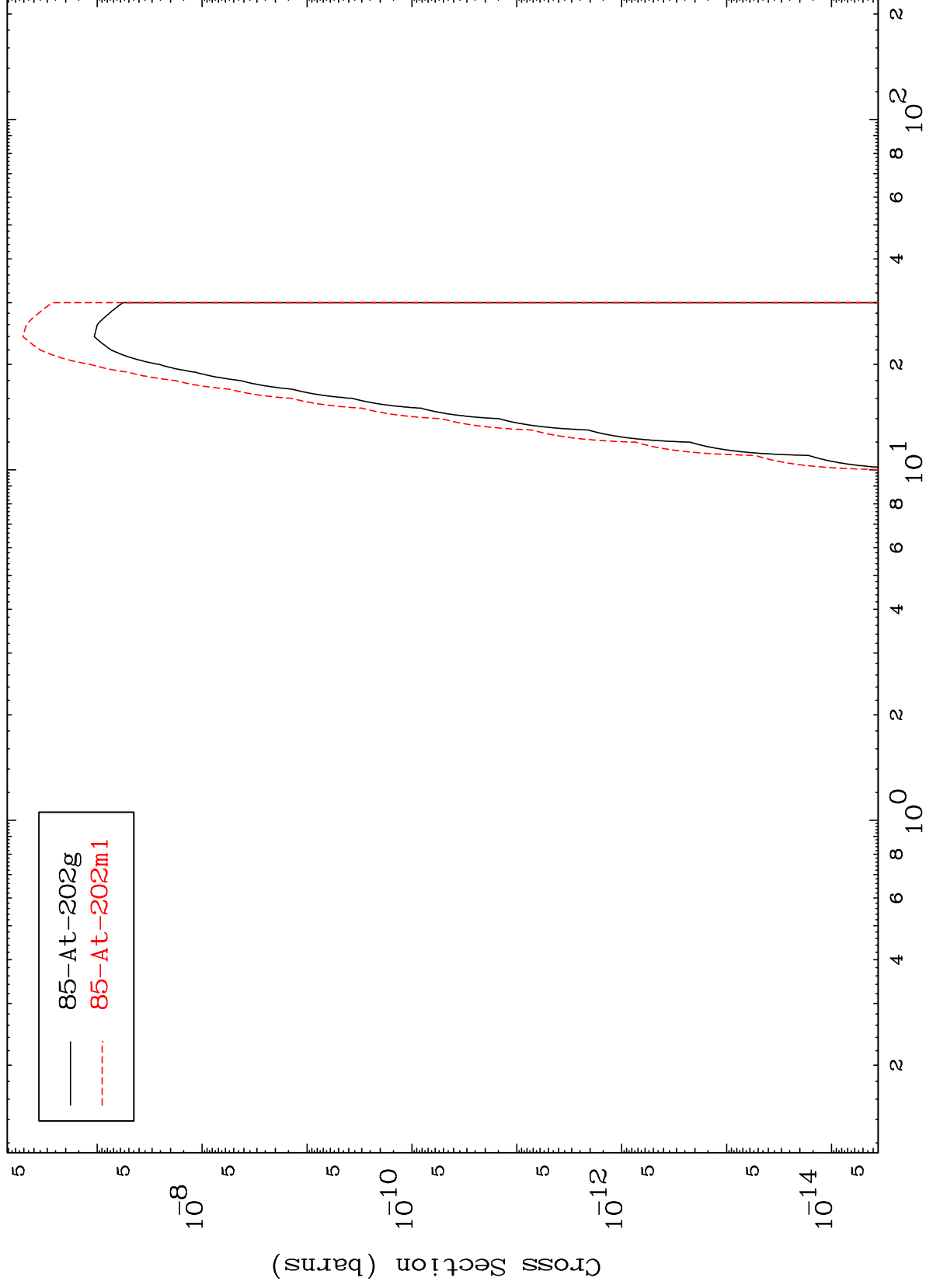
83-Bi-199



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83-Bi-199

Radionuclide Production Cross Section
(n, γ)



22

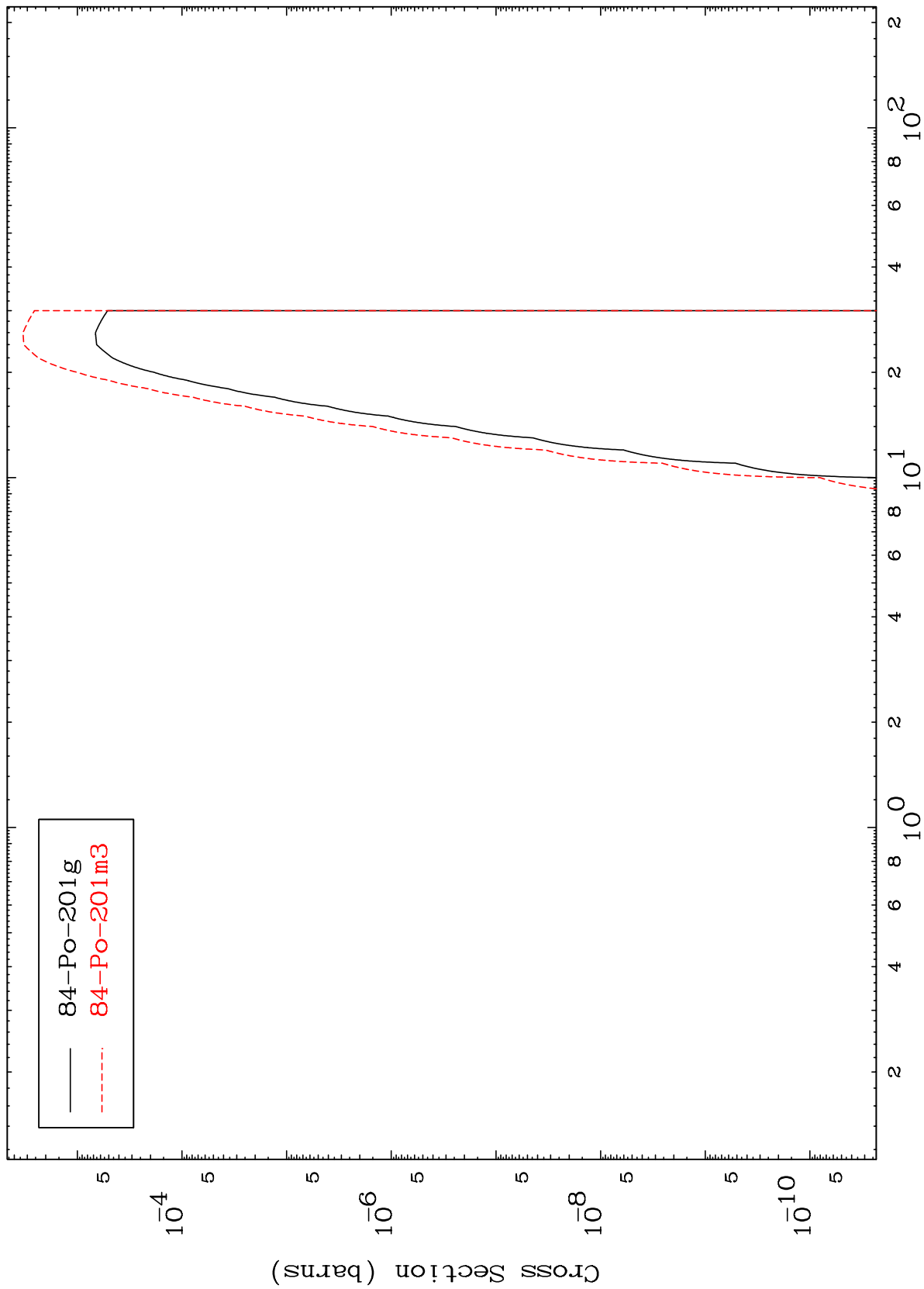
Incident Energy (MeV)

83-Bi-199

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83-Bi-199

Radionuclide Production Cross Section
(n,p)



23

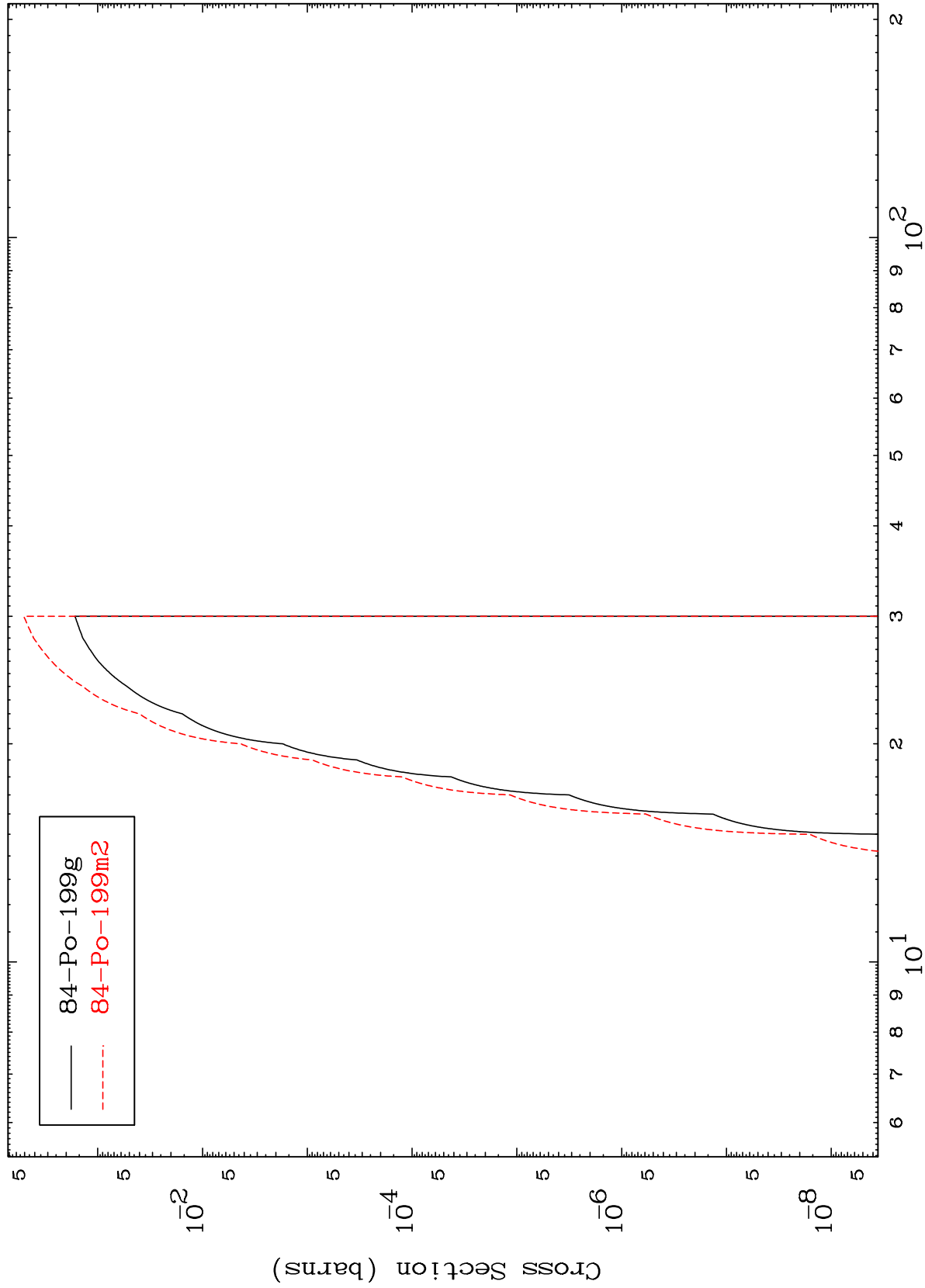
Incident Energy (MeV)

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83-Bi-199

Radionuclide Production Cross Section



24

Incident Energy (MeV)

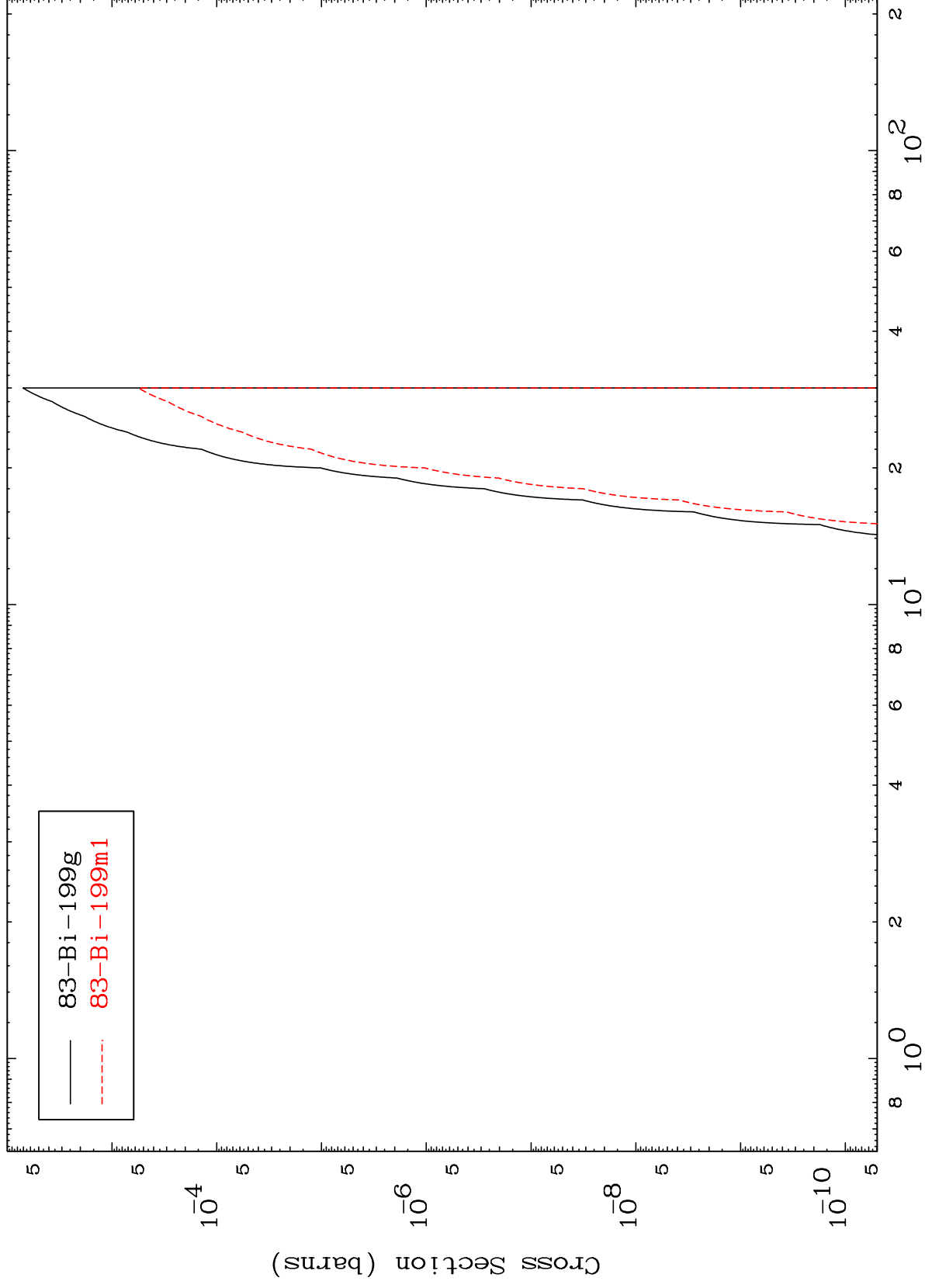
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(n,He-3)

83-Bi-199

Radionuclide Production Cross Section

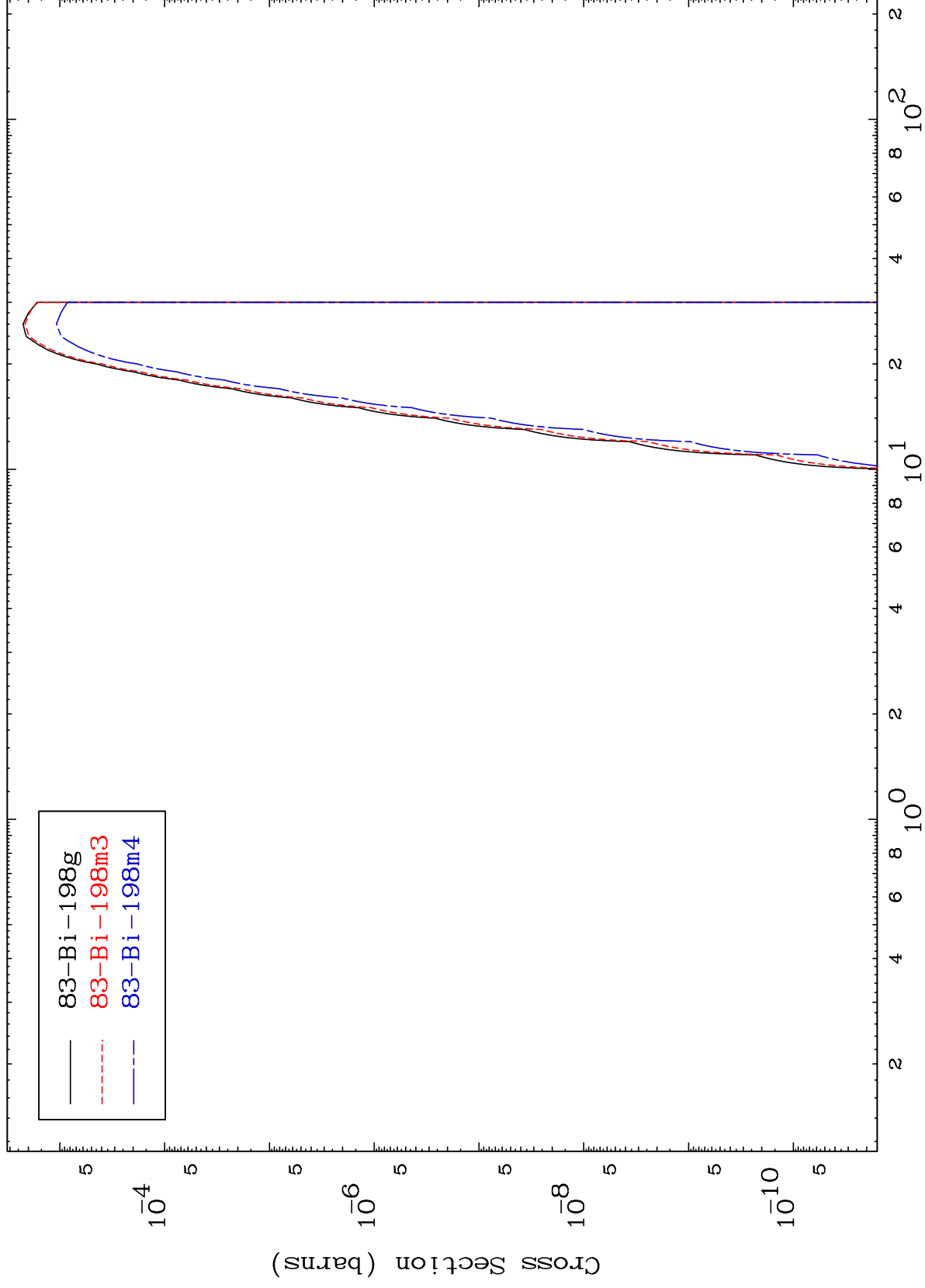


25

Incident Energy (MeV)

83-Bi-199

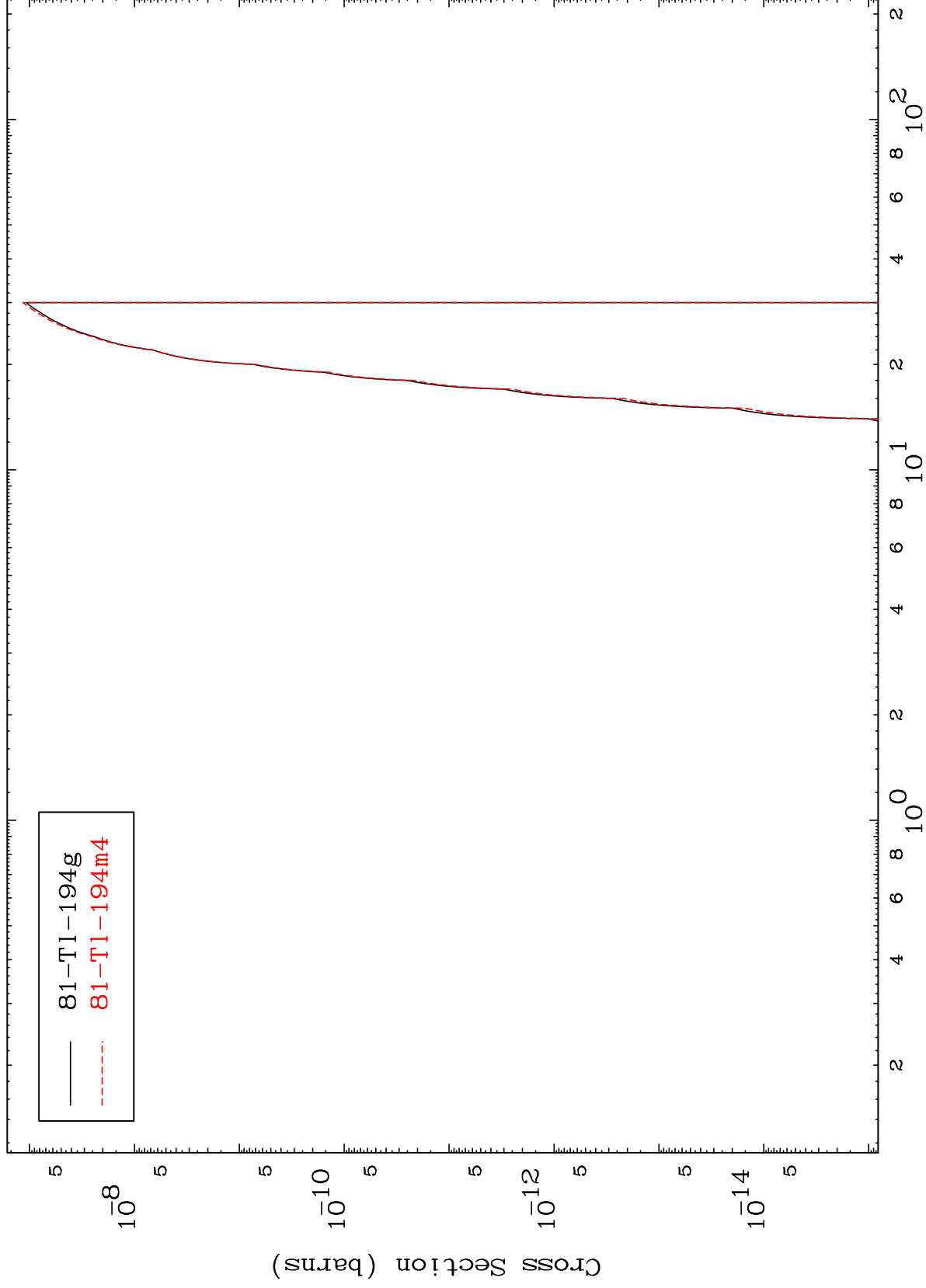
Radionuclide Production Cross Section
(n, α)



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Radionuclide Production Cross Section
(n,2 α)

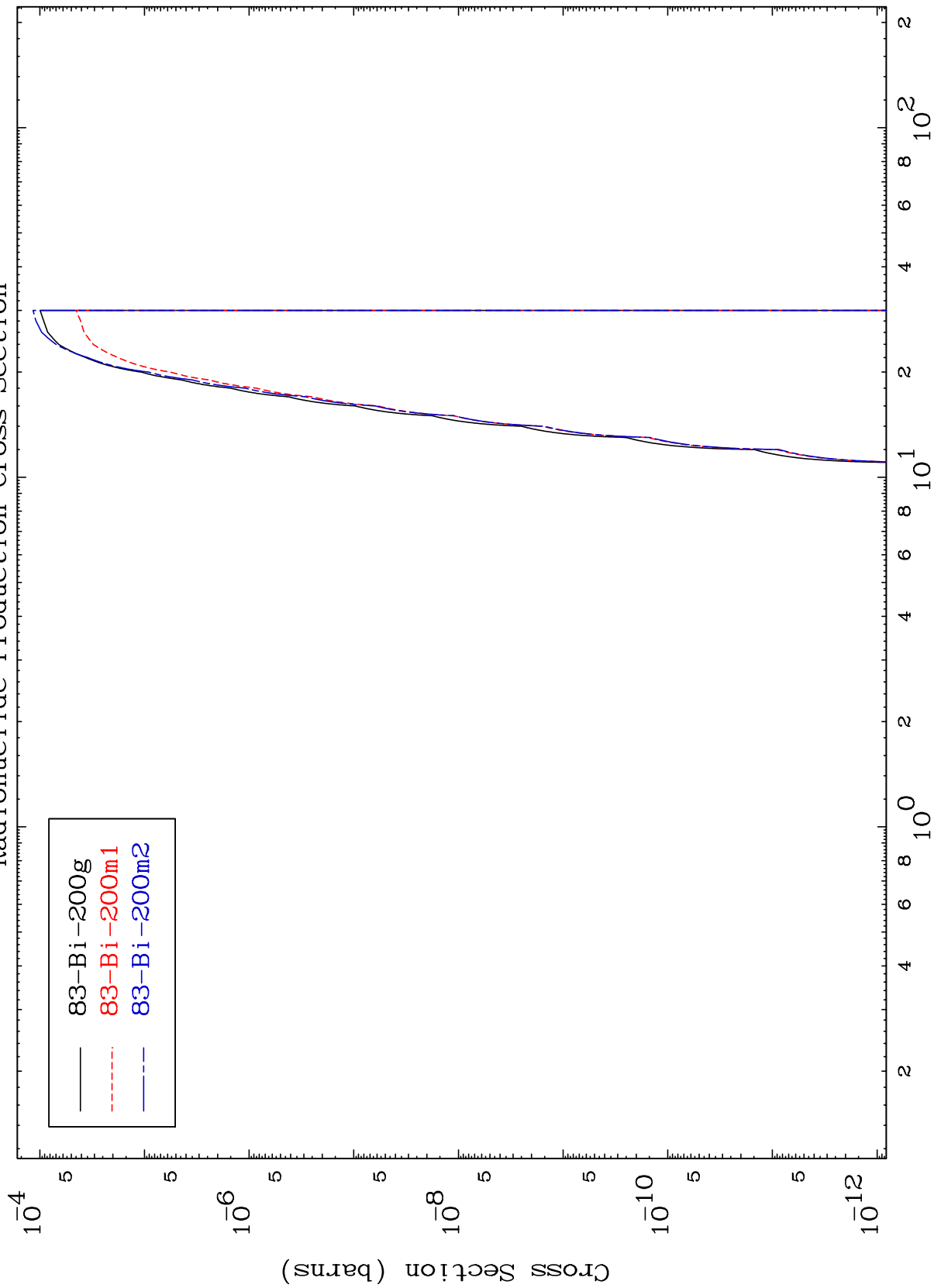


27

Incident Energy (MeV)

83-Bi-199

Radionuclide Production Cross Section
(n,2p)

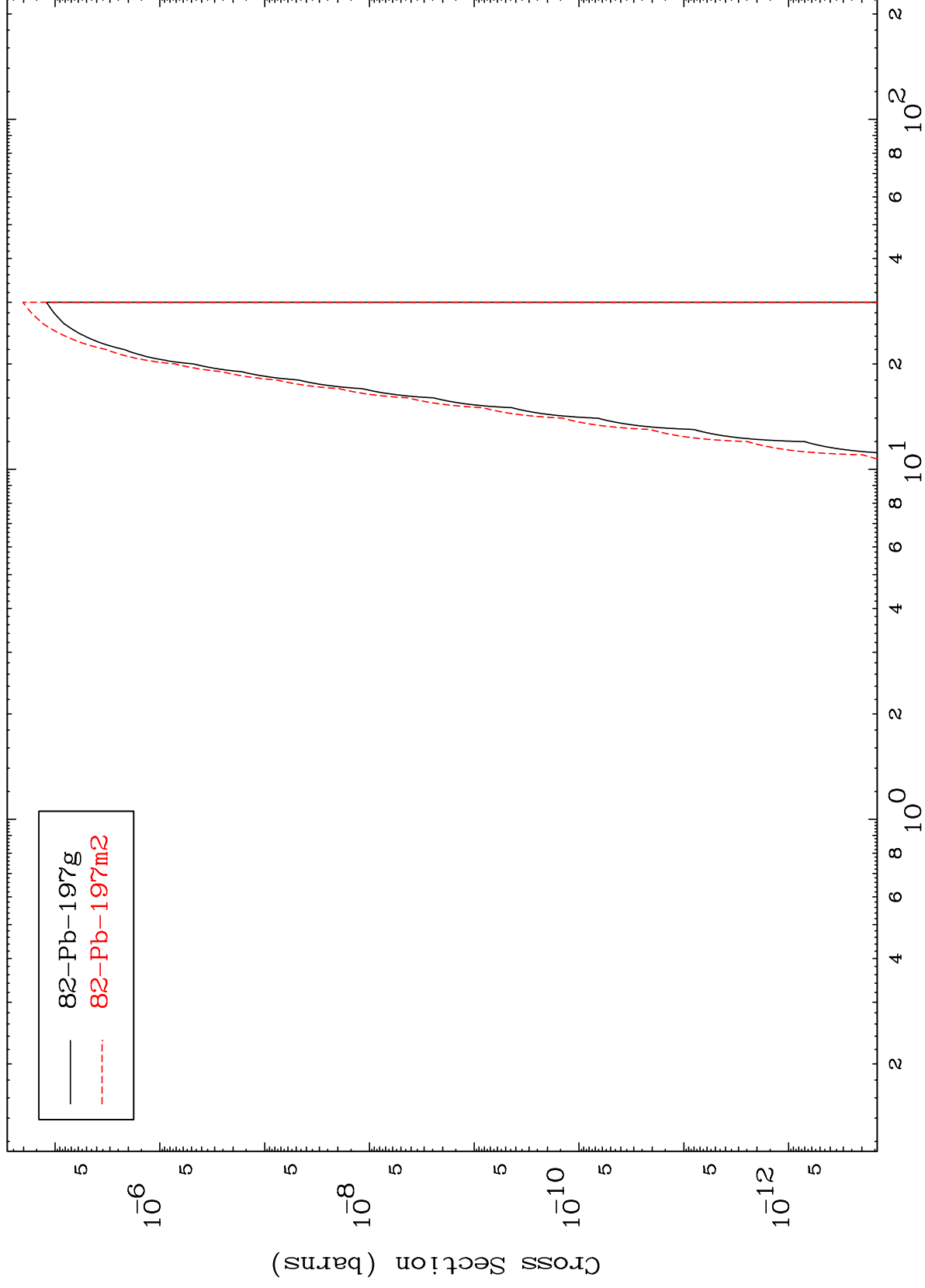


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(n,p) α

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Radionuclide Production Cross Section



29

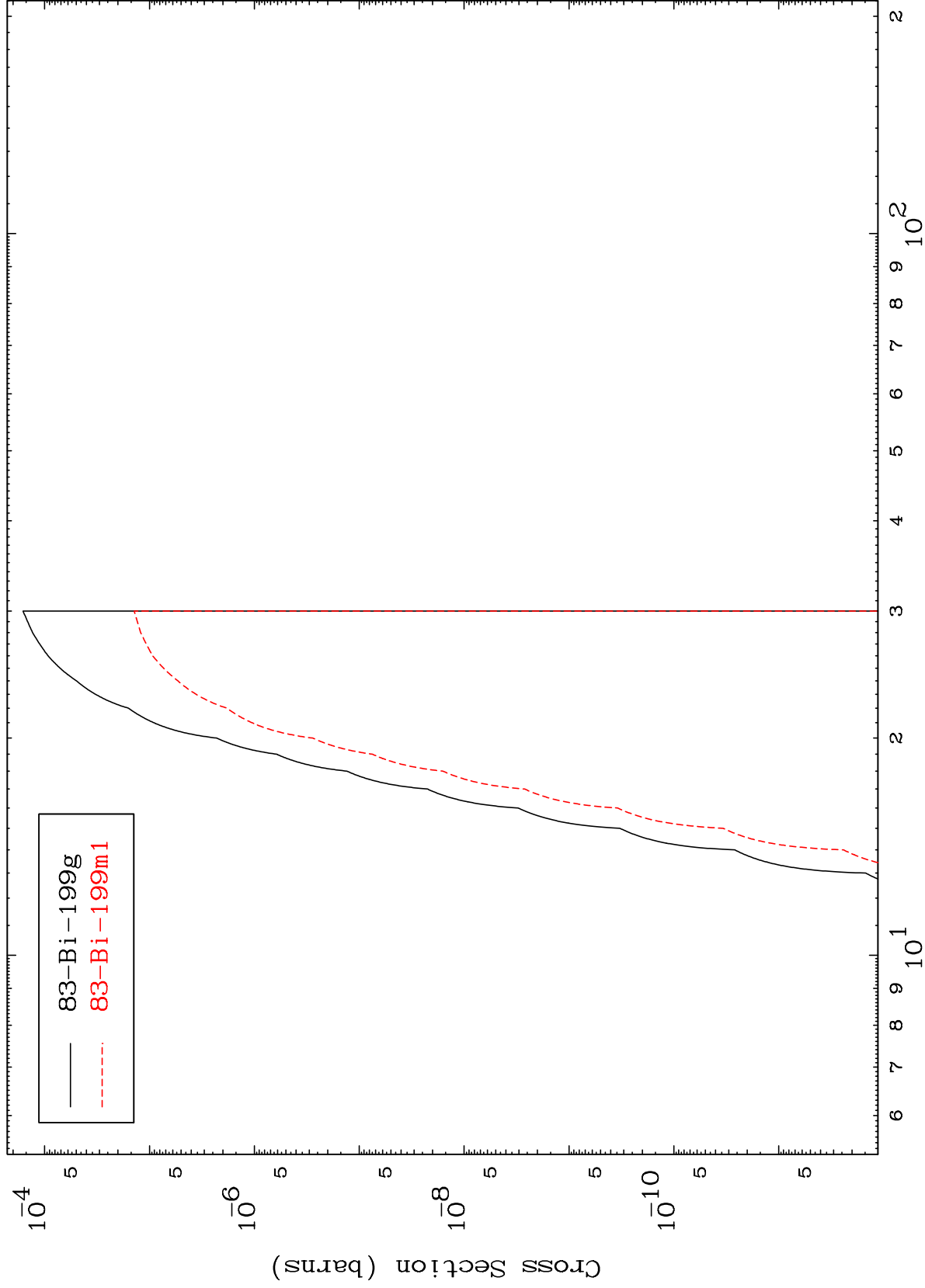
Incident Energy (MeV)

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83-Bi-199

(n,p) d
Radionuclide Production Cross Section



30

Incident Energy (MeV)

83-Bi-199

