

Program EVALPLOT
(Version 2021-1)

by

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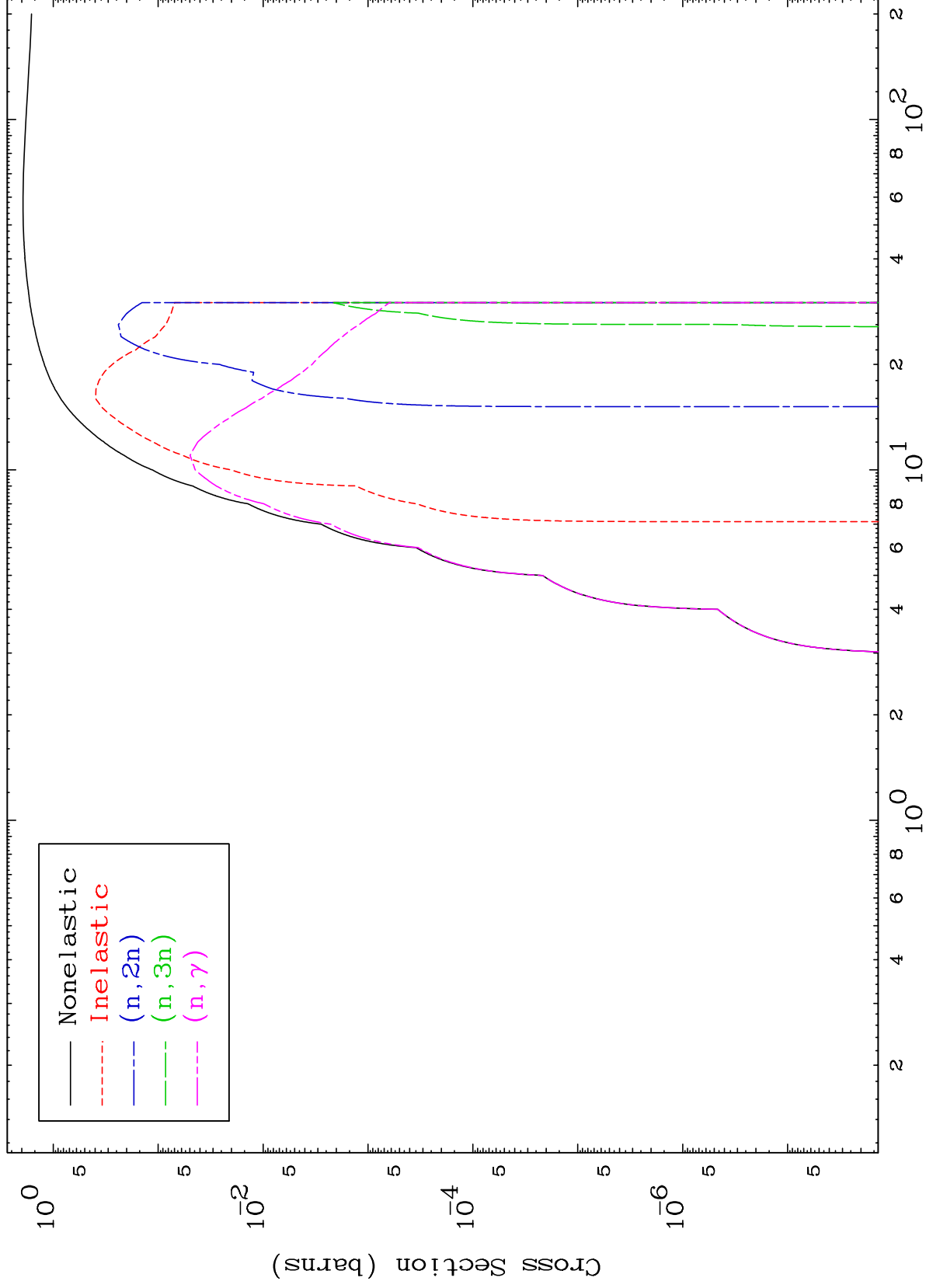
Press Mouse Button to Start

MAT 8289

Proton Major

83-Bi-197

0 Kelvin Cross Sections



1

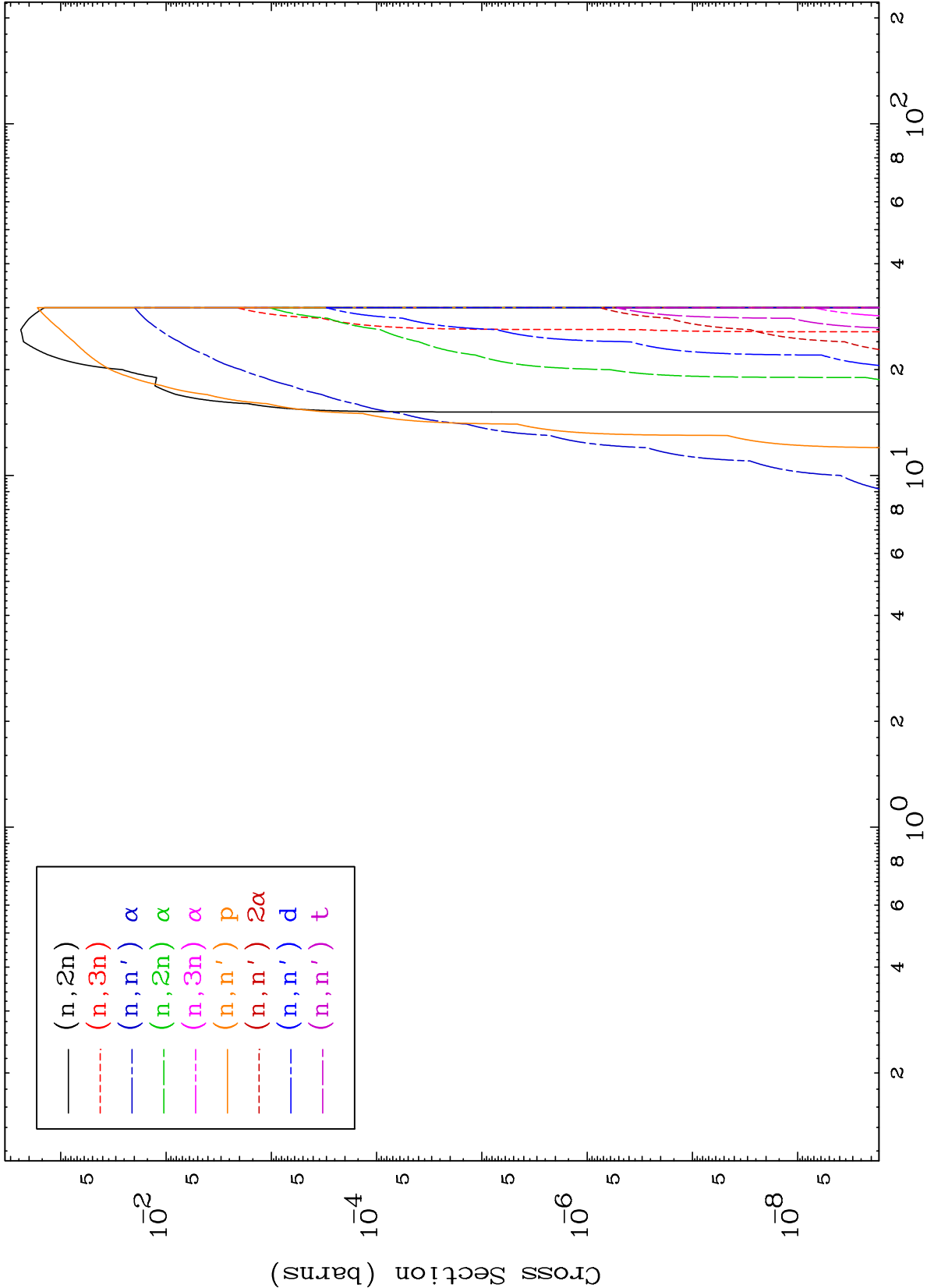
Incident Energy (MeV)

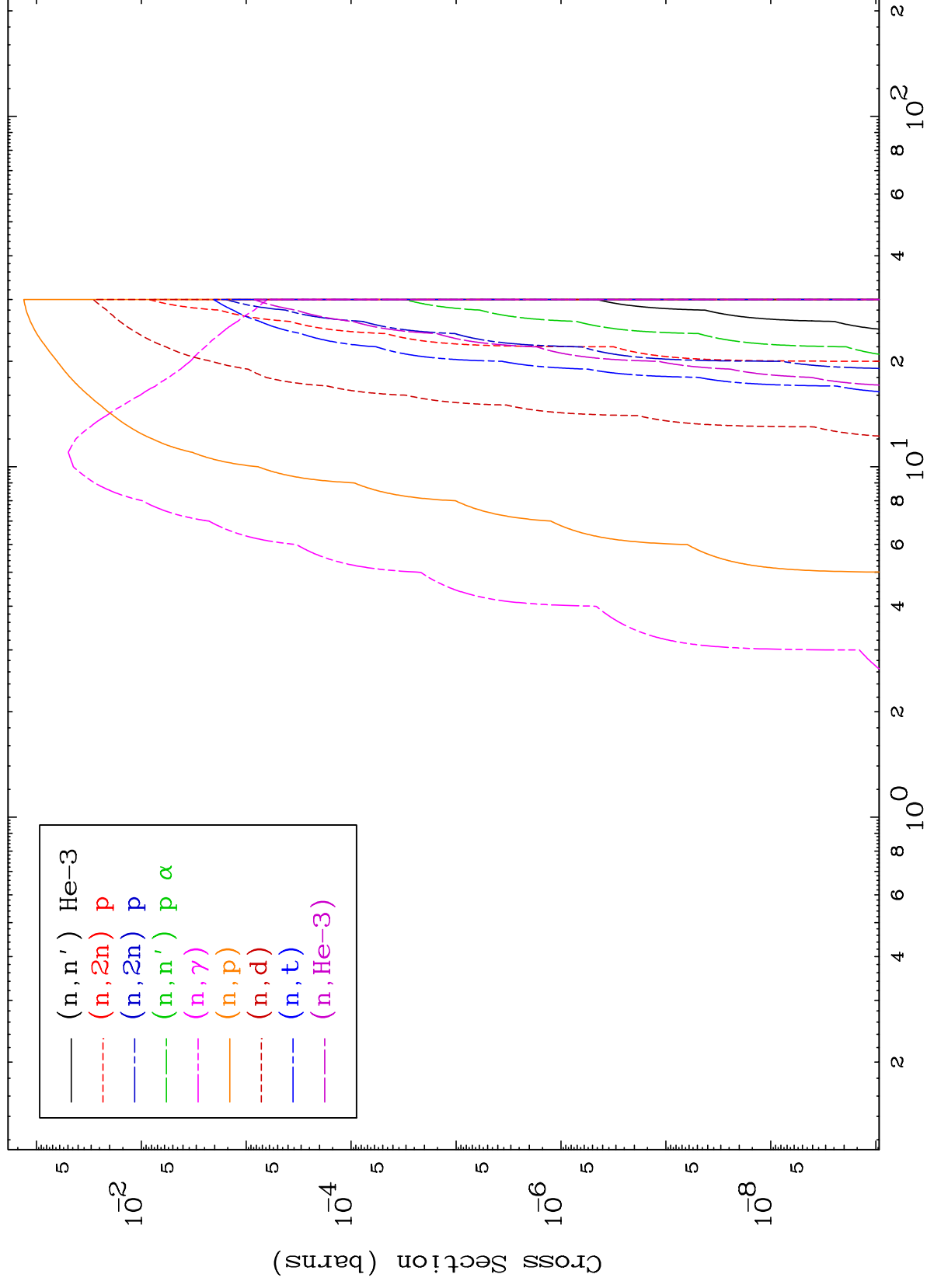
83-Bi-197

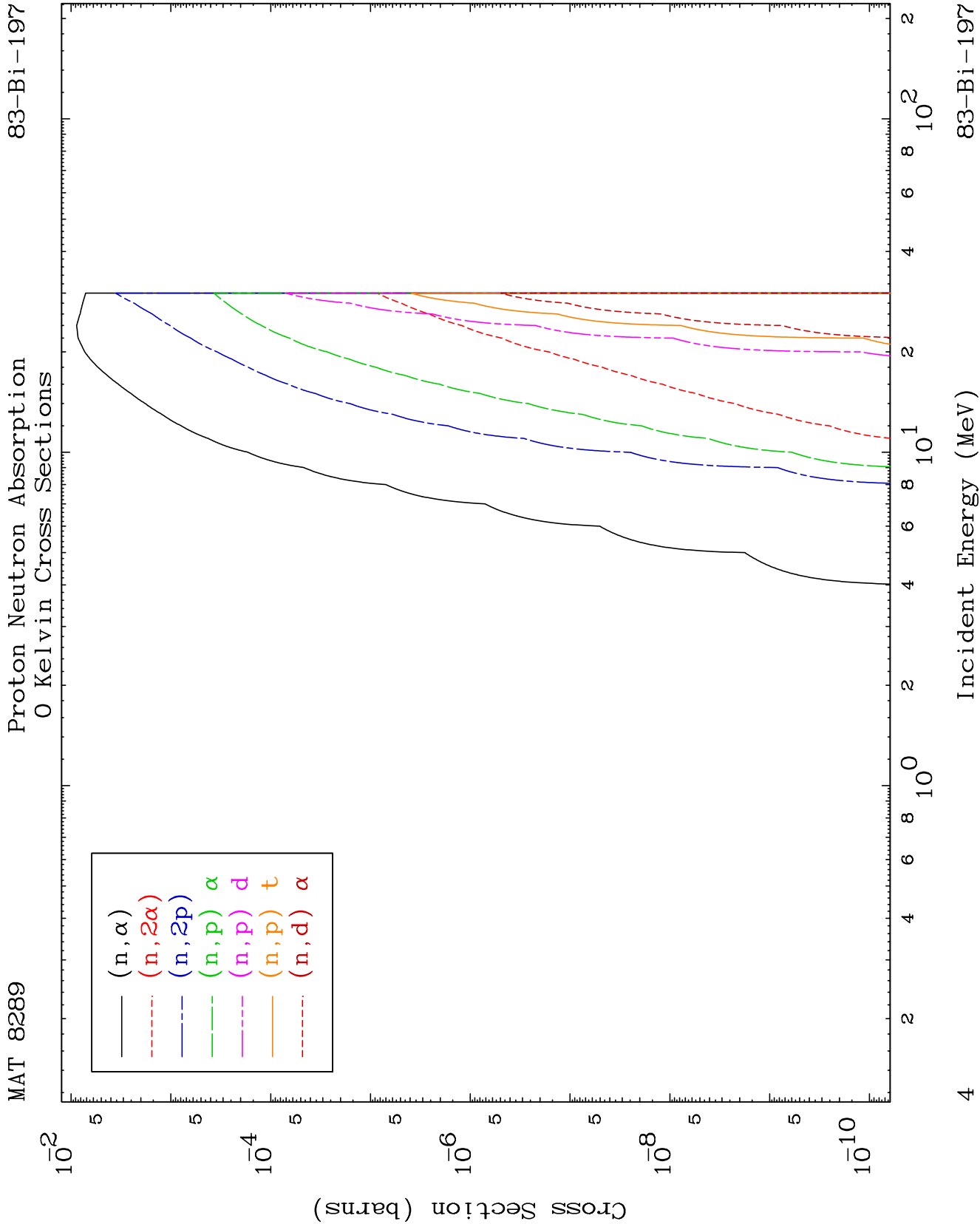
MAT 8289

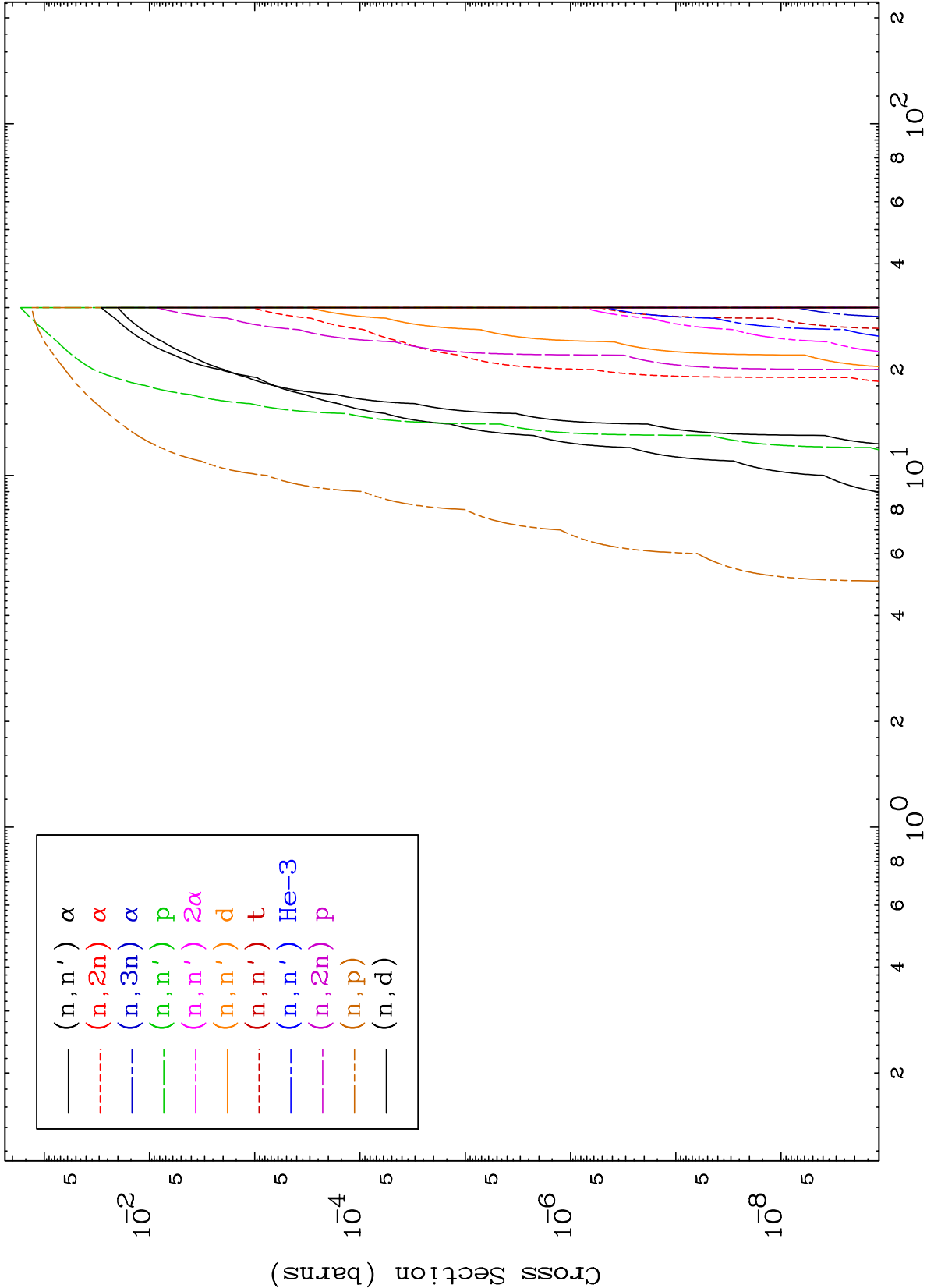
Proton Neutron Absorption
0 Kelvin Cross Sections

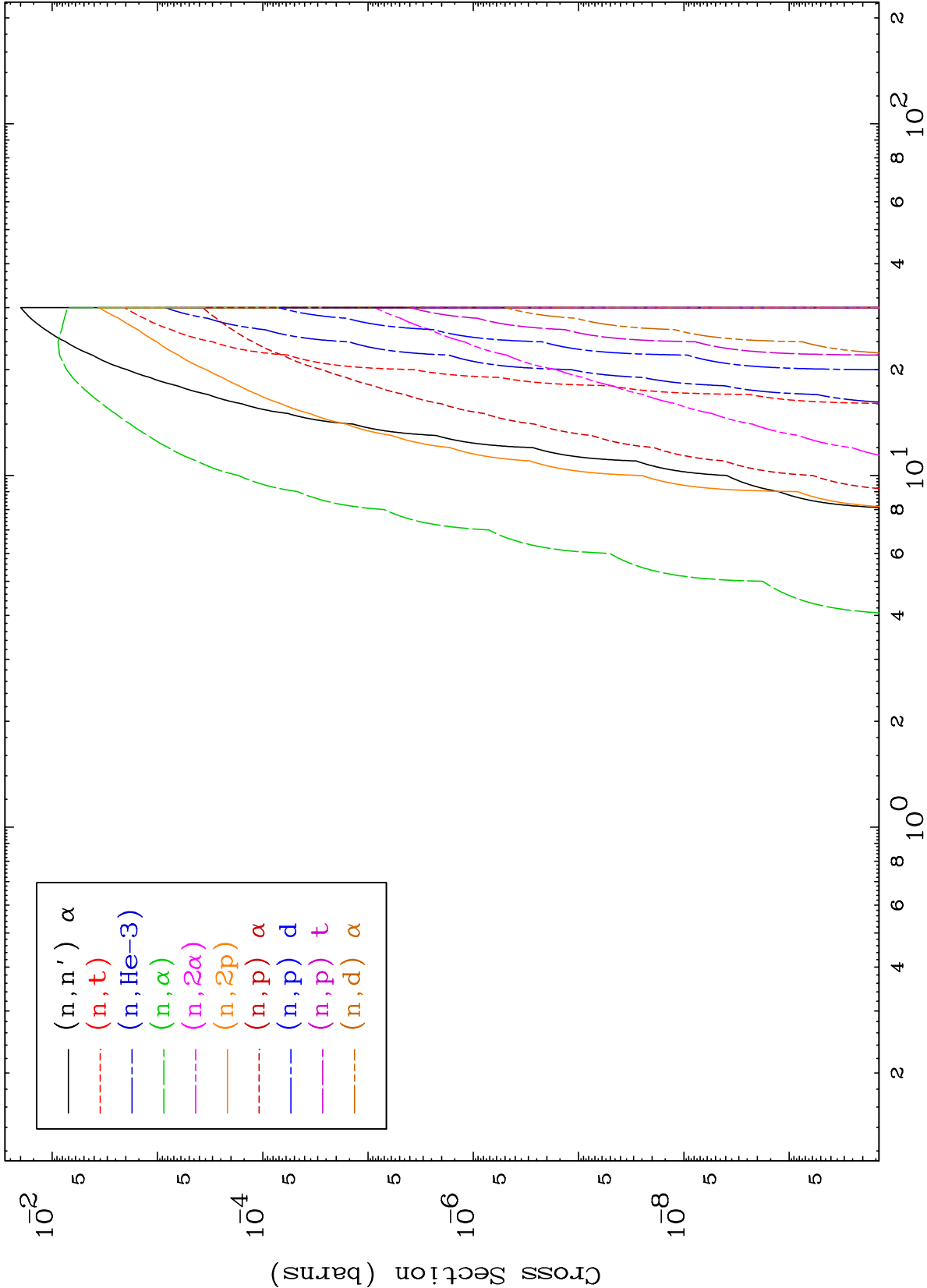
83-Bi-197







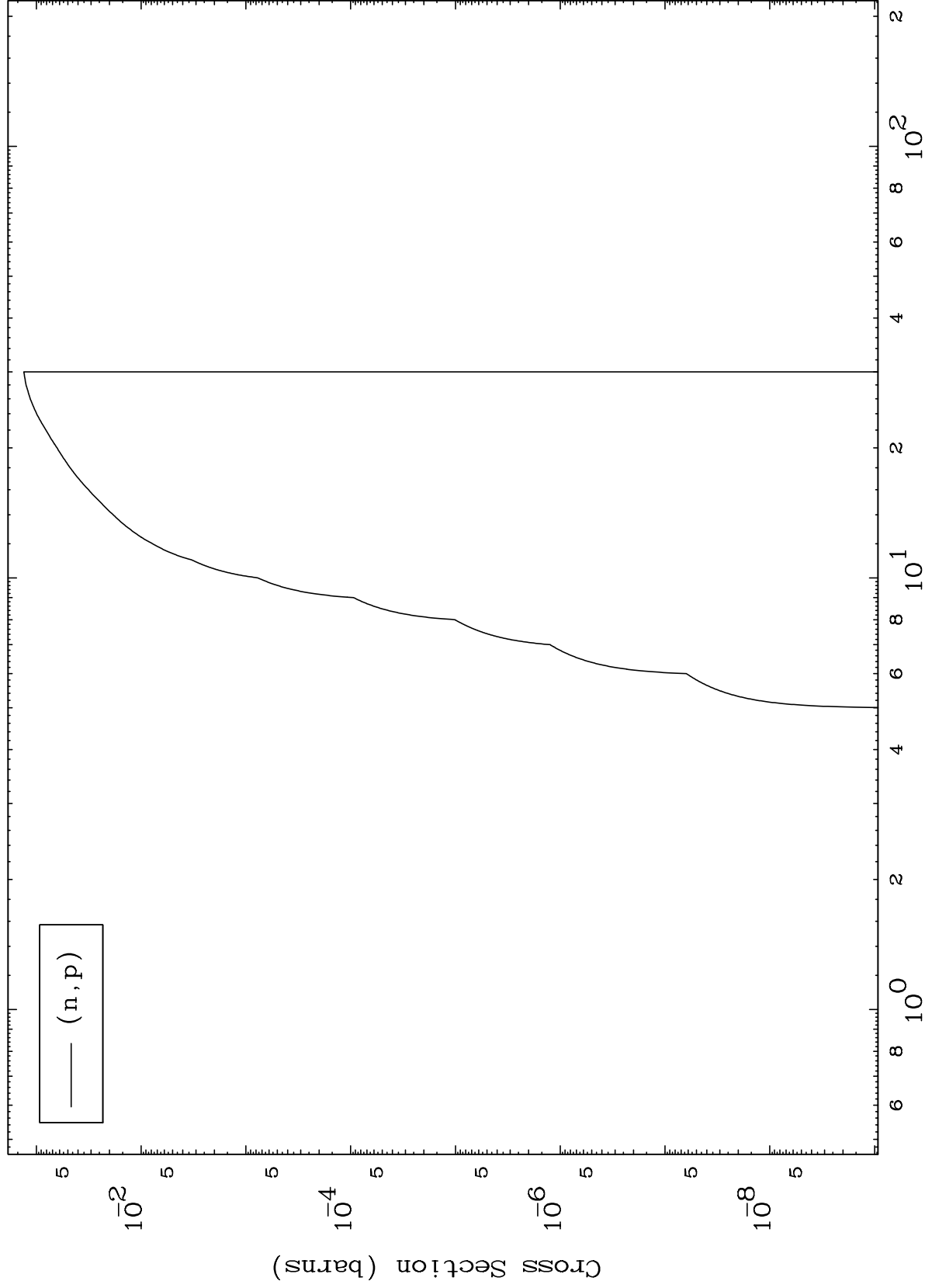




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83-Bi-197

(p,p) Levels
0 Kelvin Cross Sections

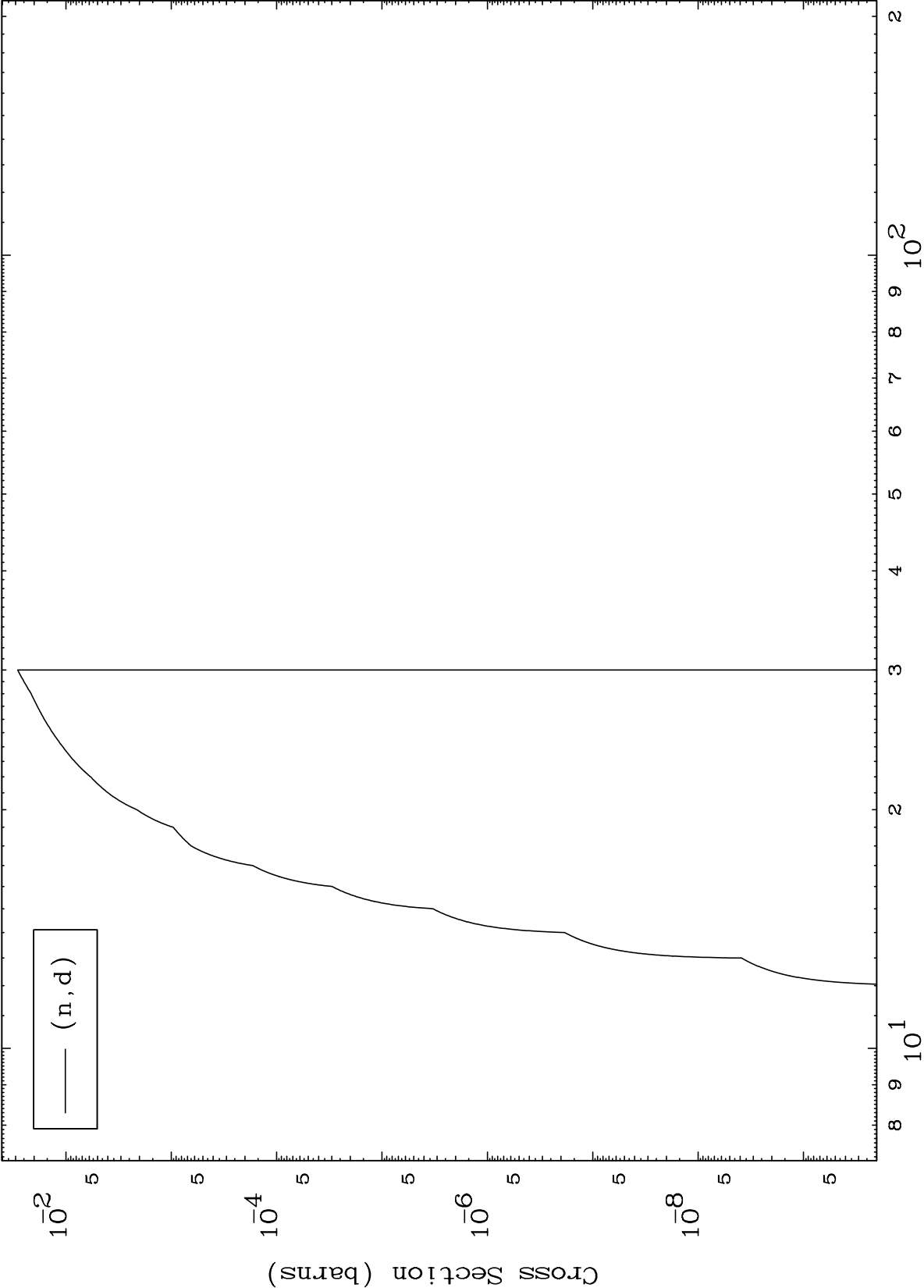


7

Incident Energy (MeV)

83-Bi-197

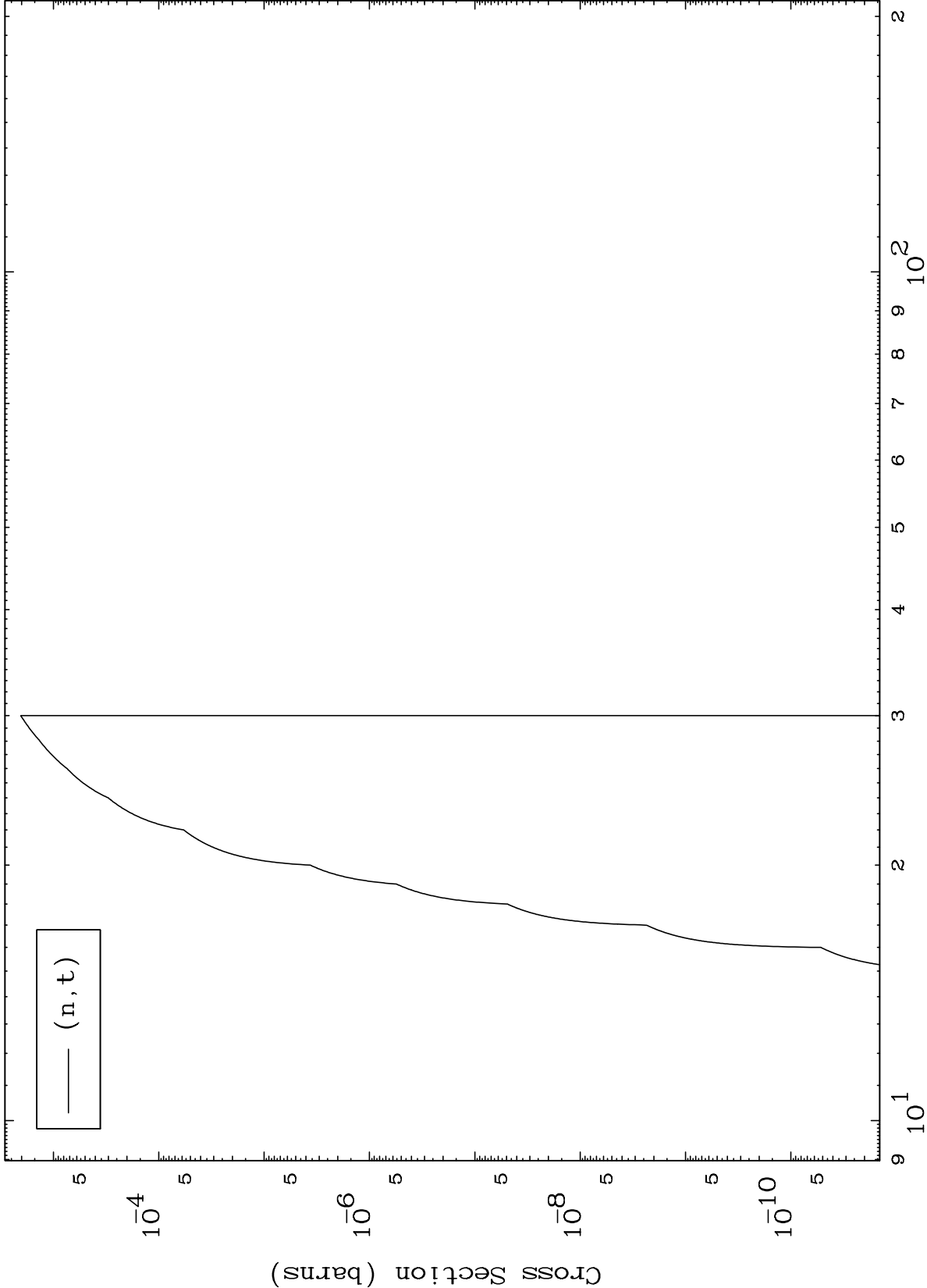
(p,d) Levels
0 Kelvin Cross Sections



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(p,t) Levels
0 Kelvin Cross Sections

83-Bi-197



Incident Energy (MeV)

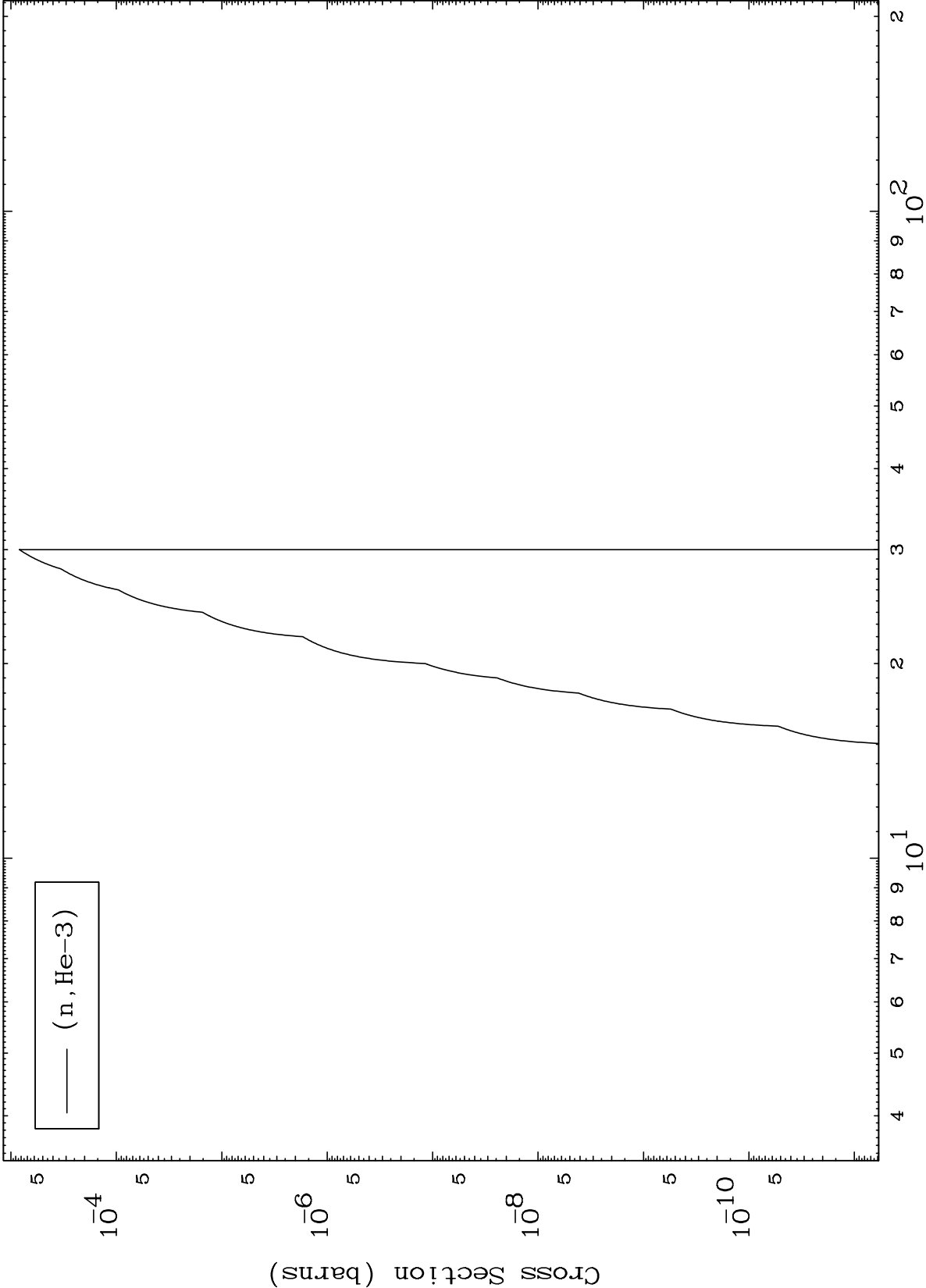
83-Bi-197

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(p,He3) Levels

83-Bi-197

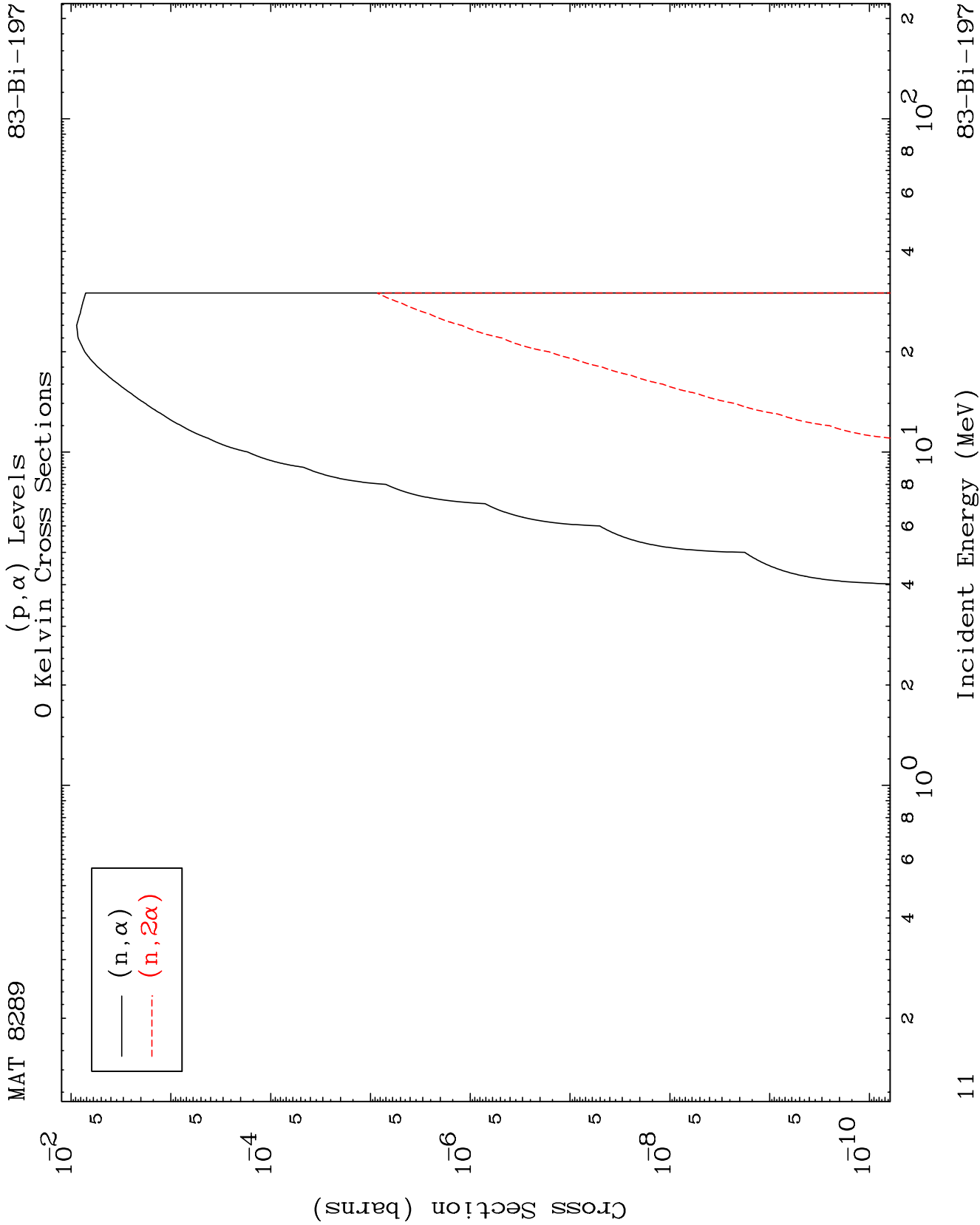
0 Kelvin Cross Sections



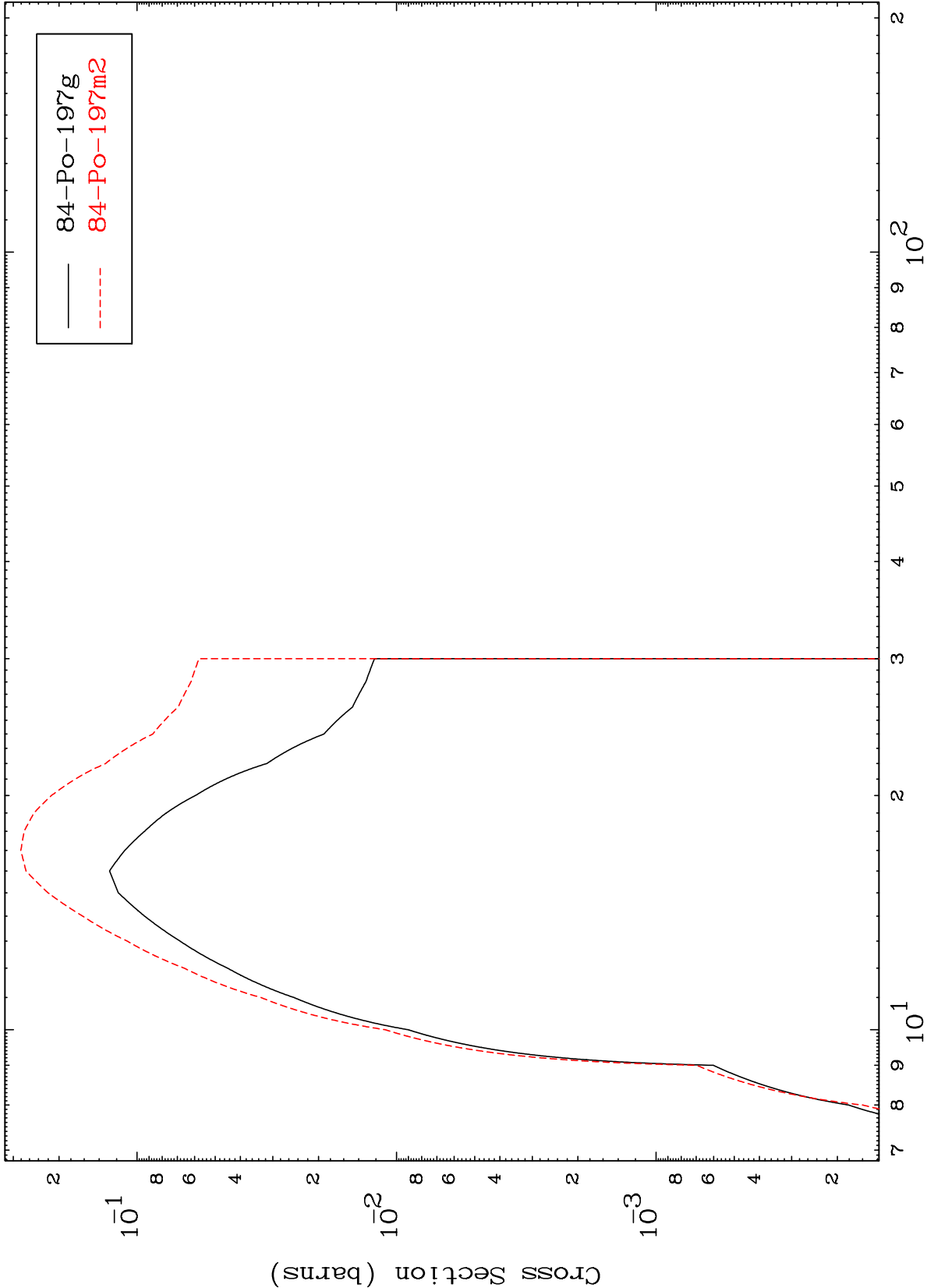
10

Incident Energy (MeV)

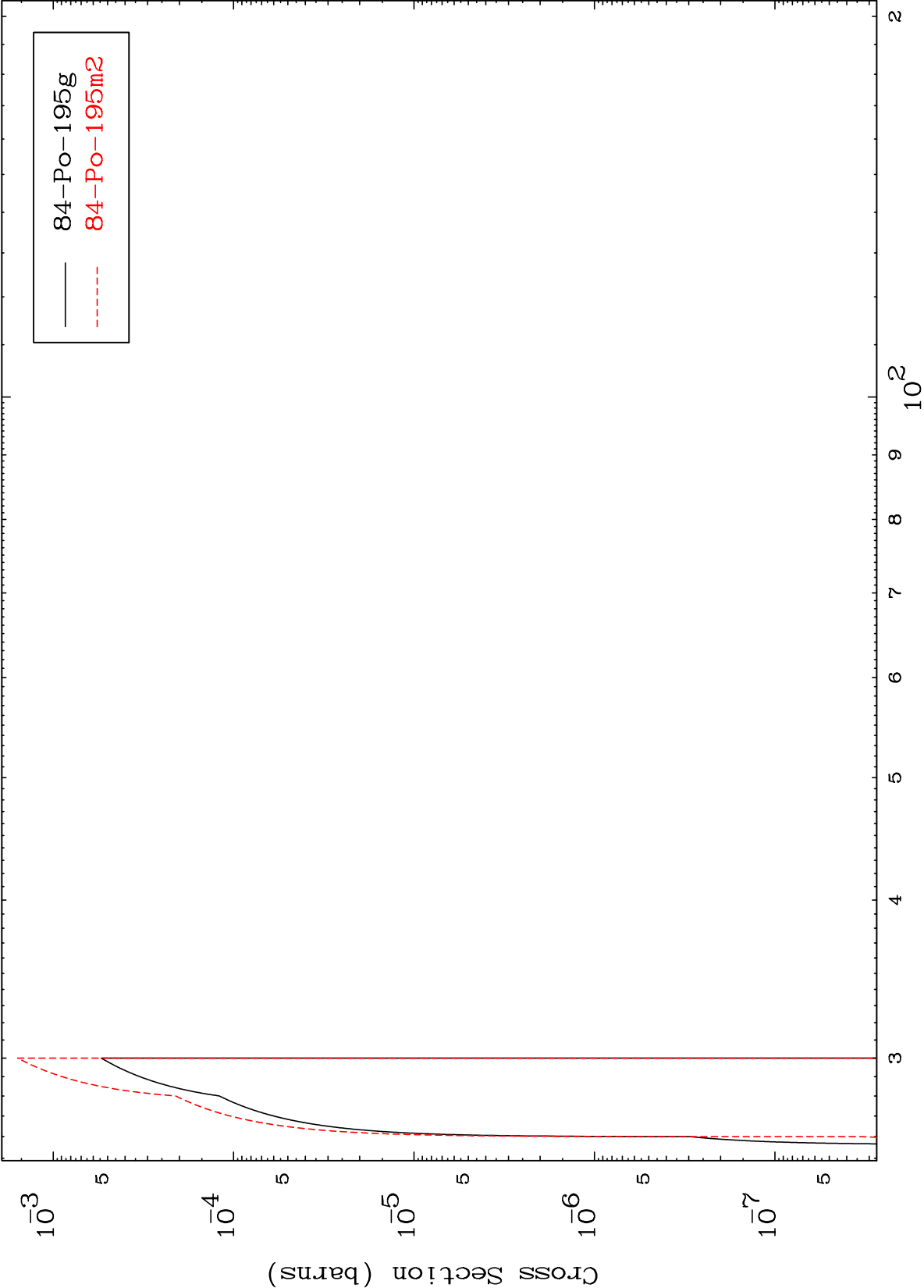
83-Bi-197



Inelastic
Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

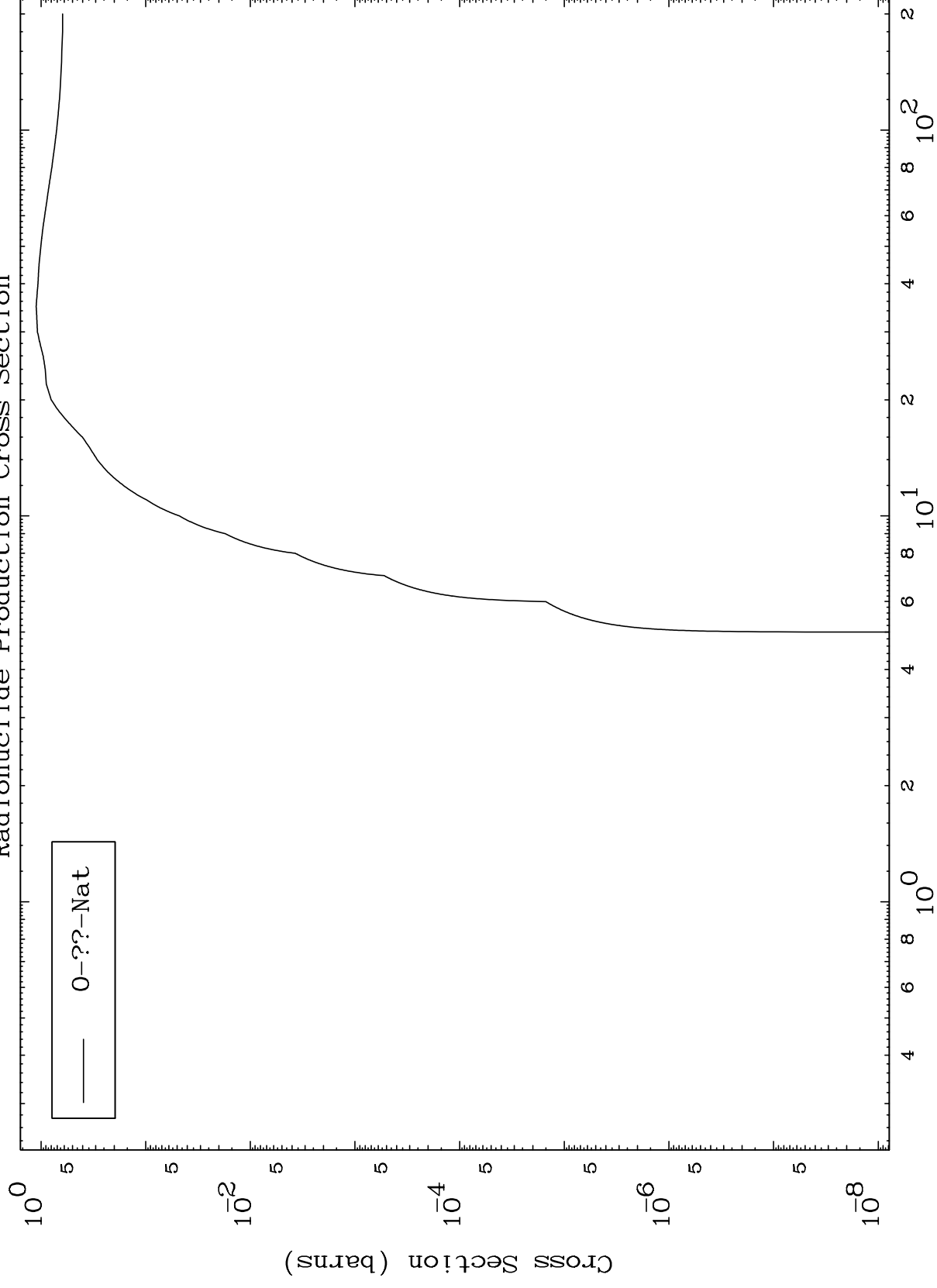


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Fission

83-Bi-197

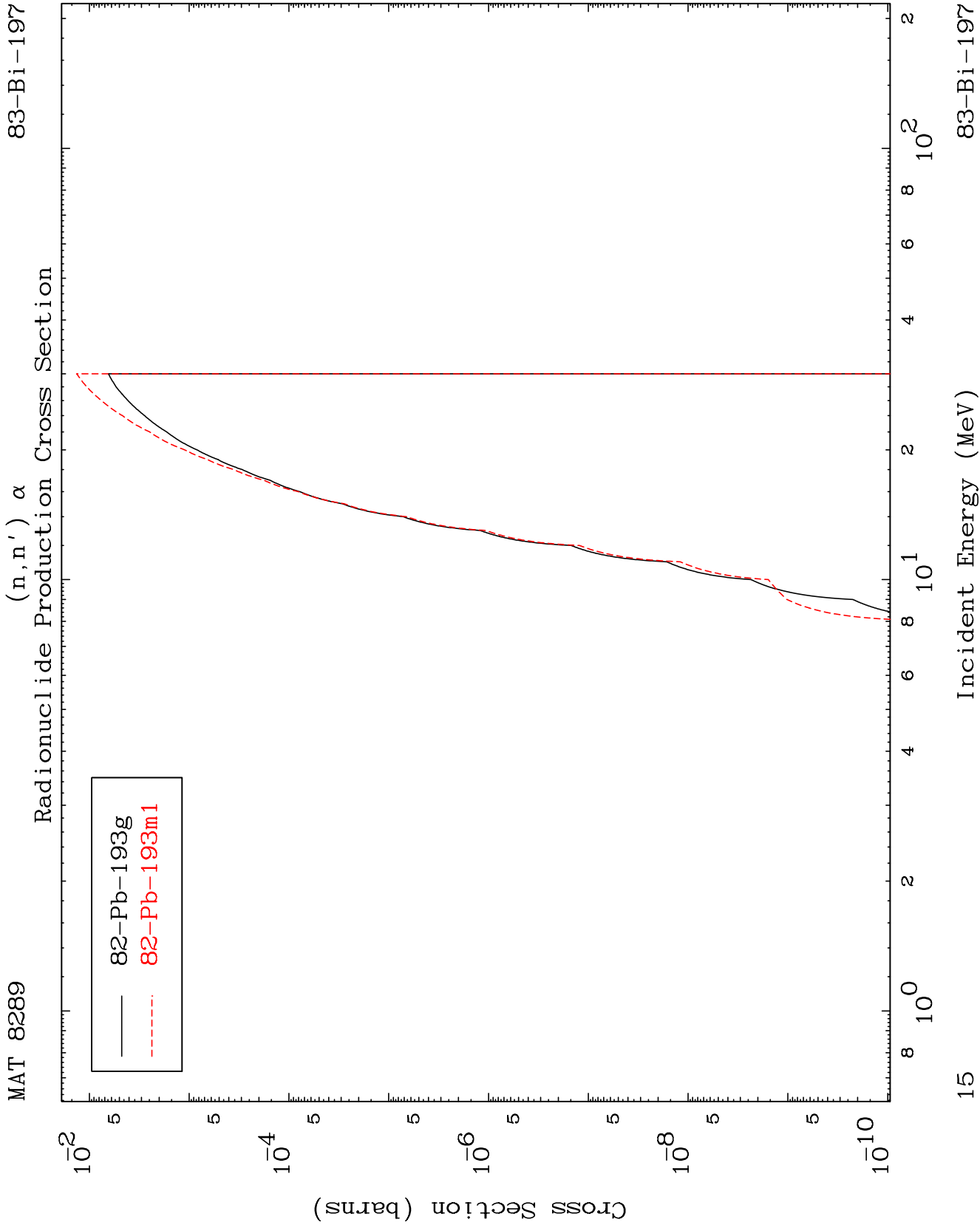
Radionuclide Production Cross Section



14

Incident Energy (MeV)

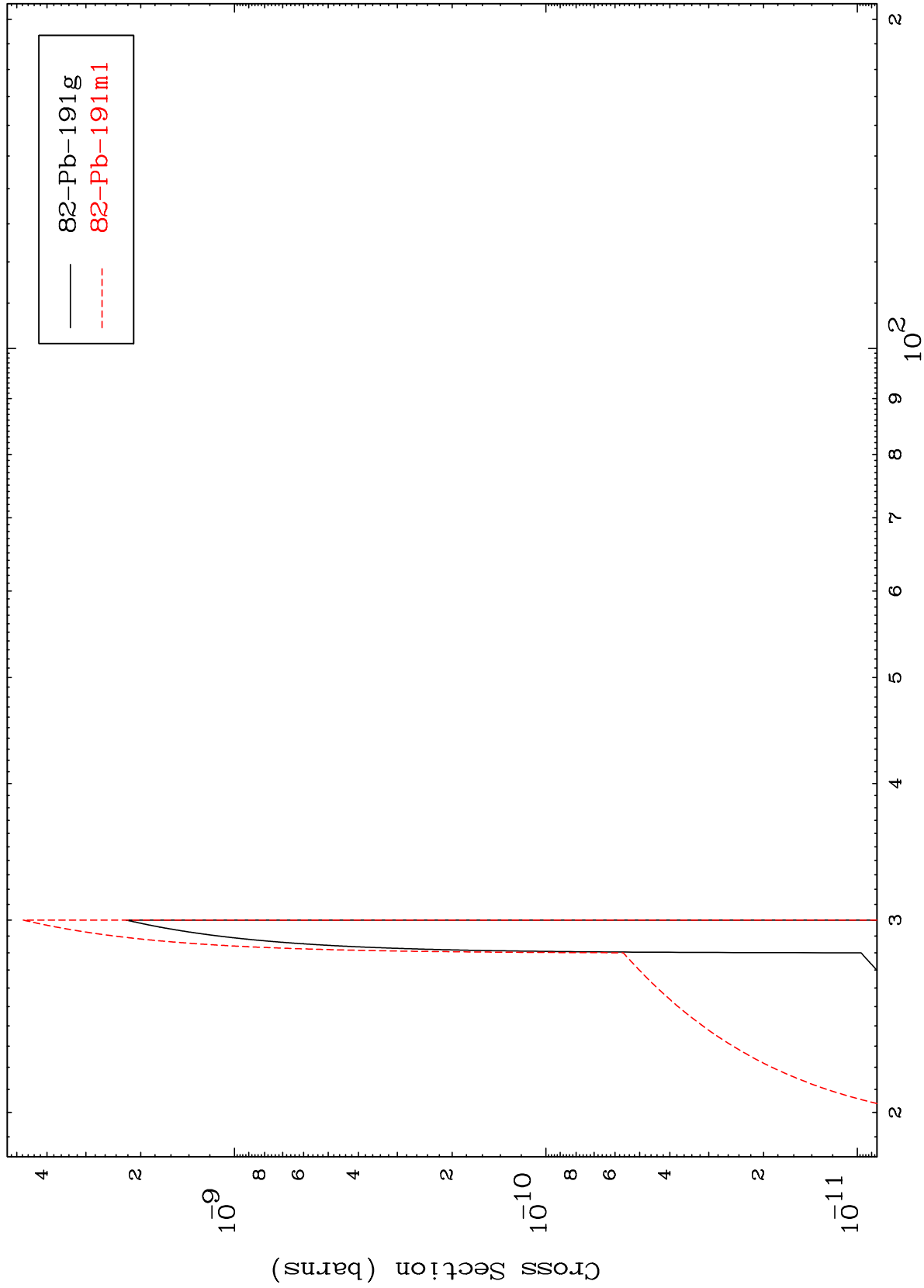
83-Bi-197



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83-Bi-197

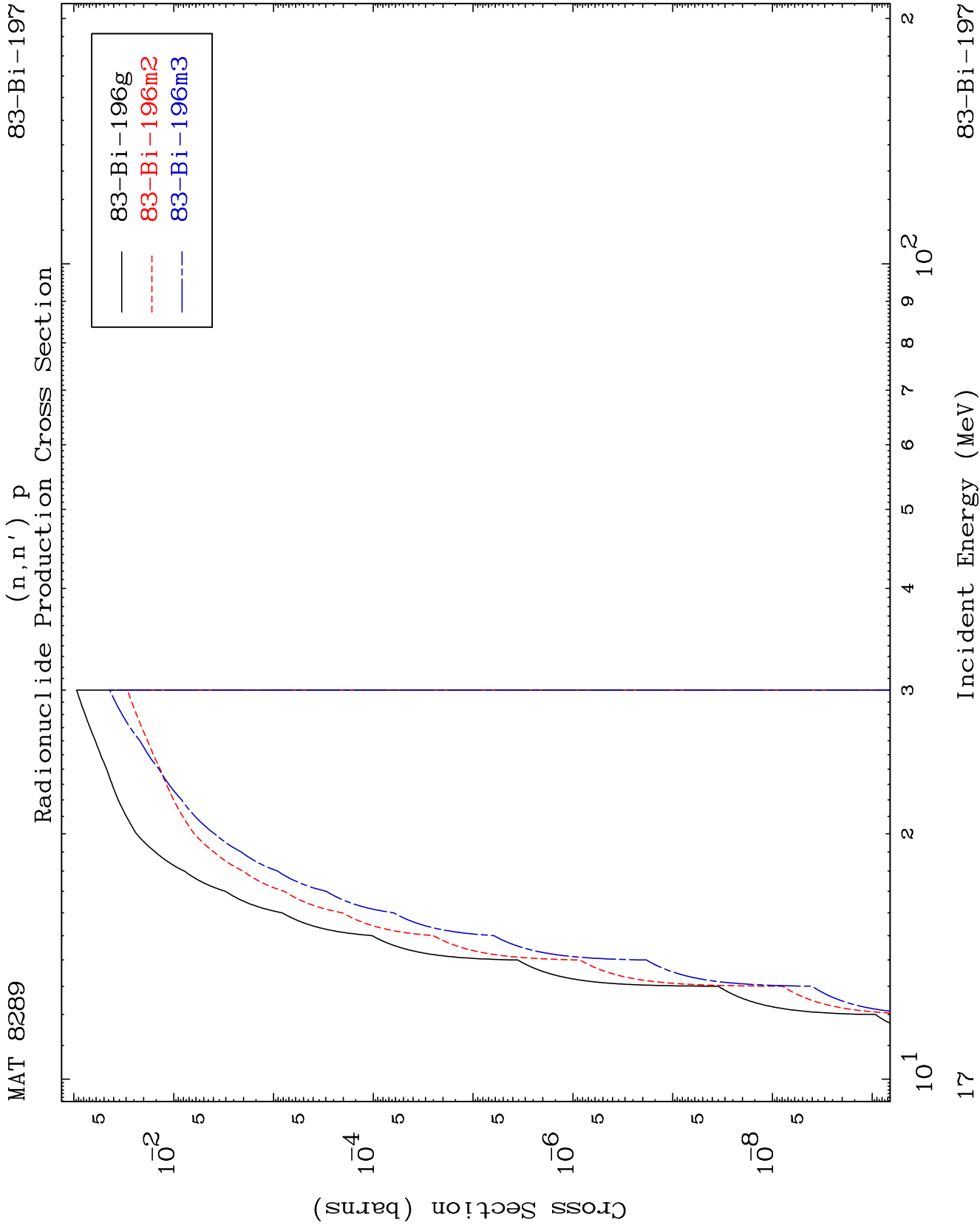
$(n,3n) \alpha$
Radionuclide Production Cross Section



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Incident Energy (MeV)

16

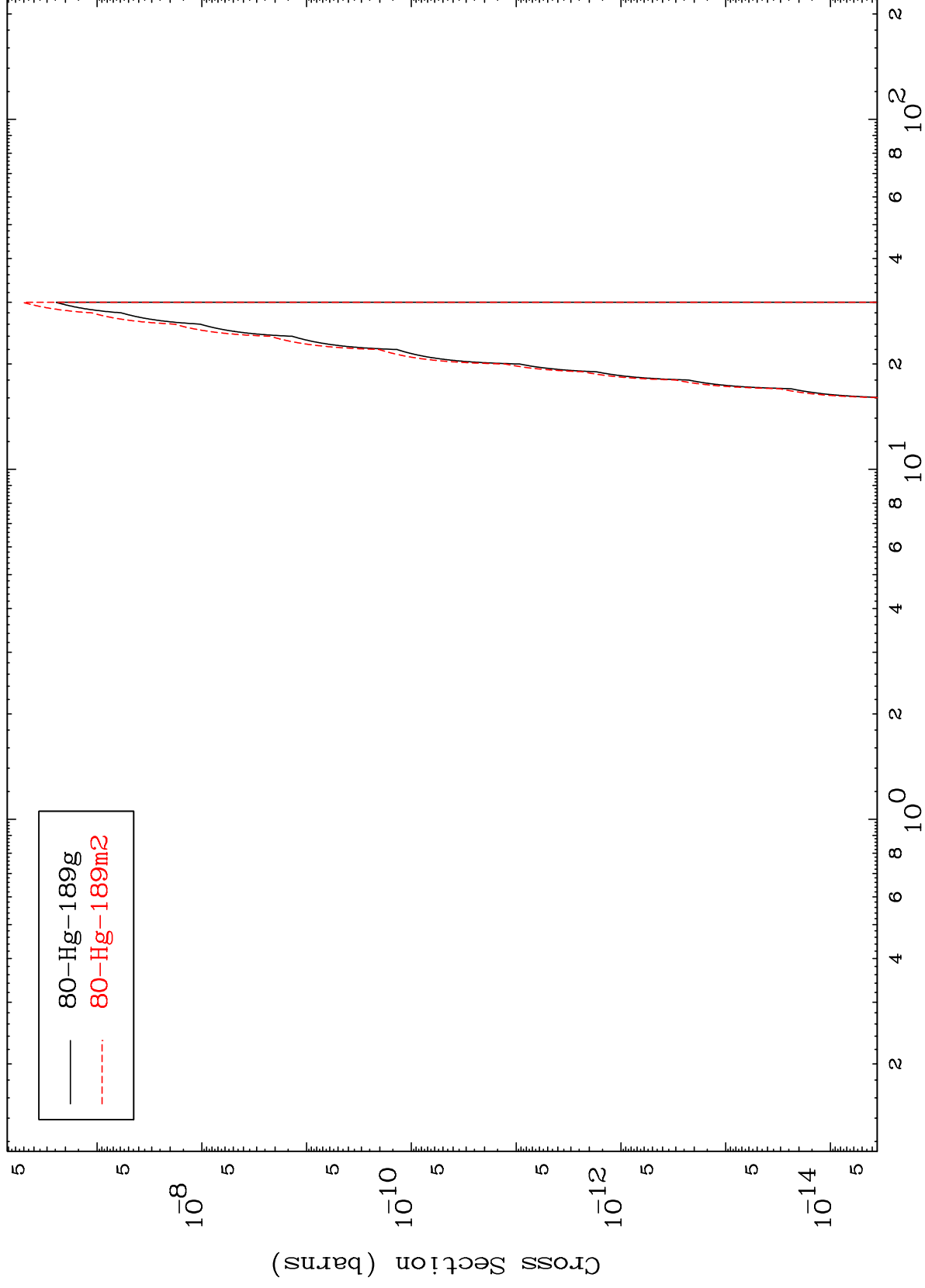


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(n,n') 2 α

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Radionuclide Production Cross Section

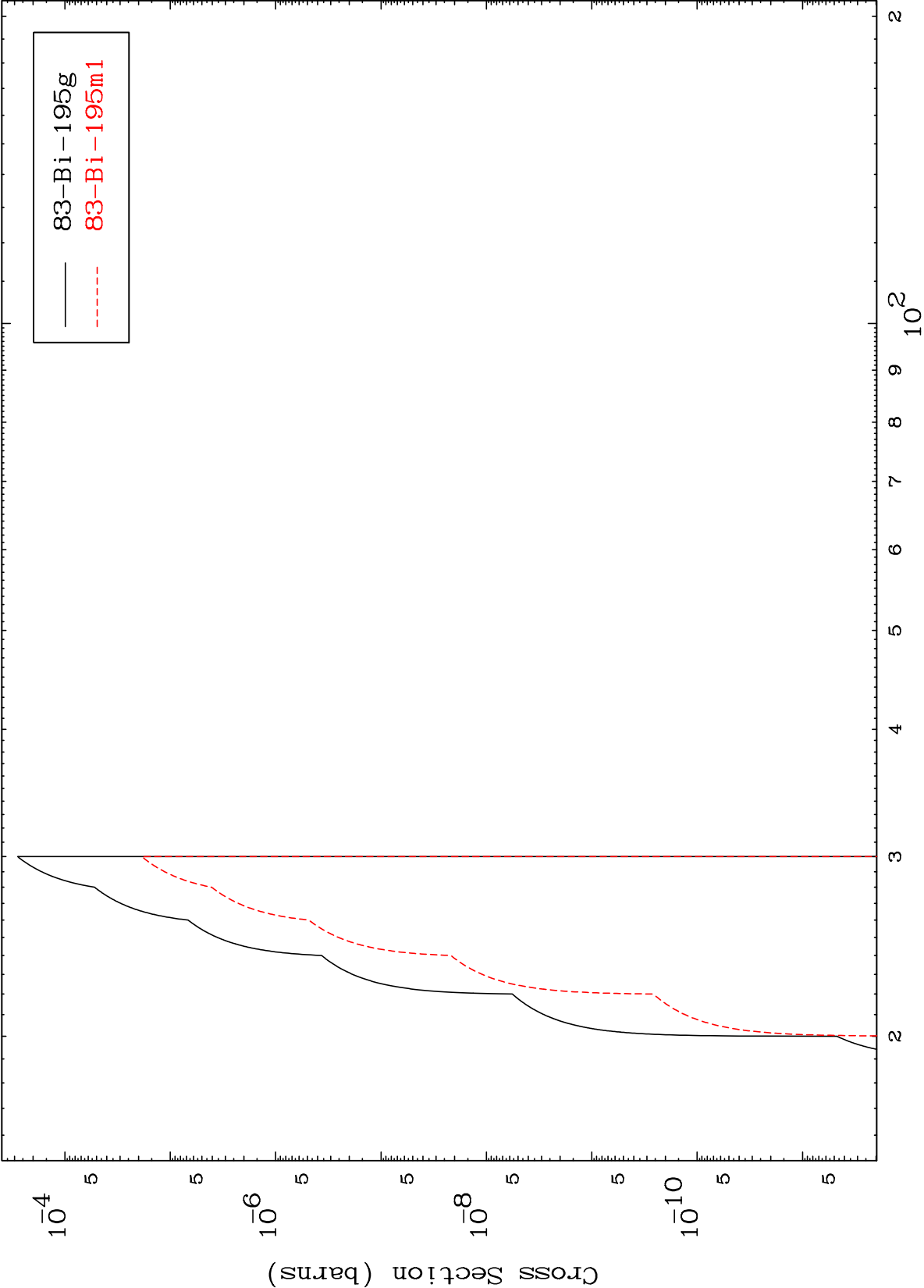


18

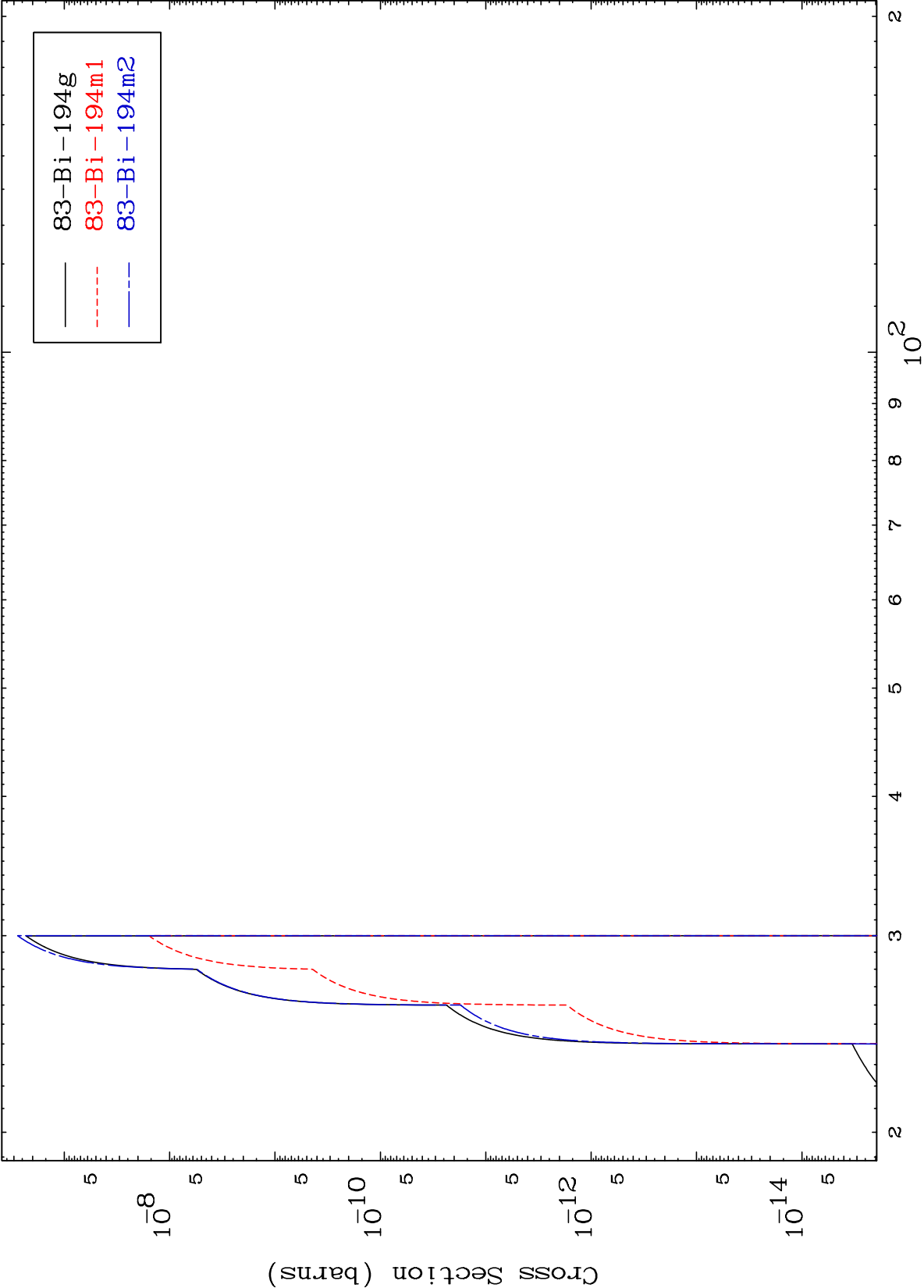
Incident Energy (MeV)

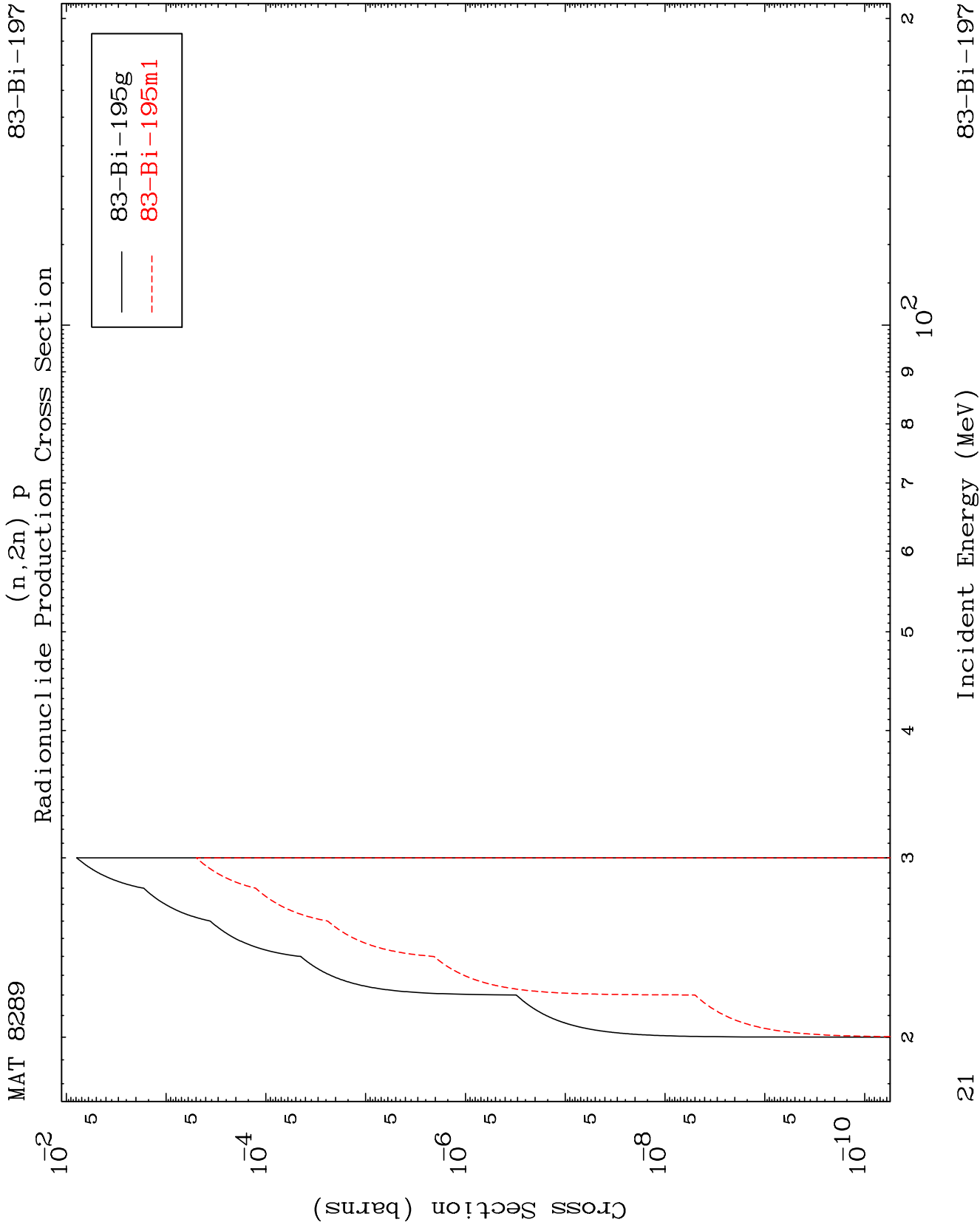
83-Bi-197

Radionuclide Production Cross Section

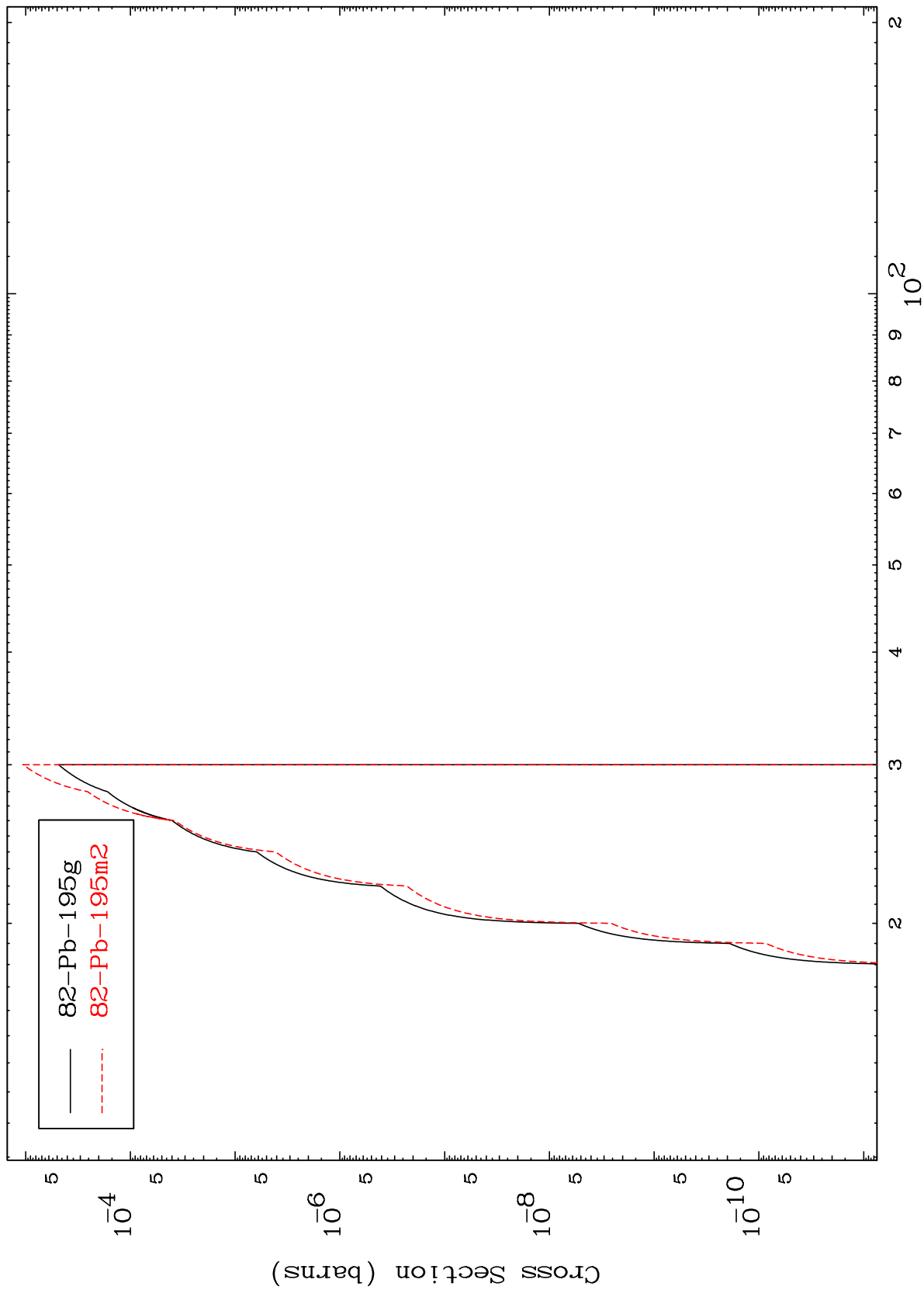


(n,n') t
Radionuclide Production Cross Section





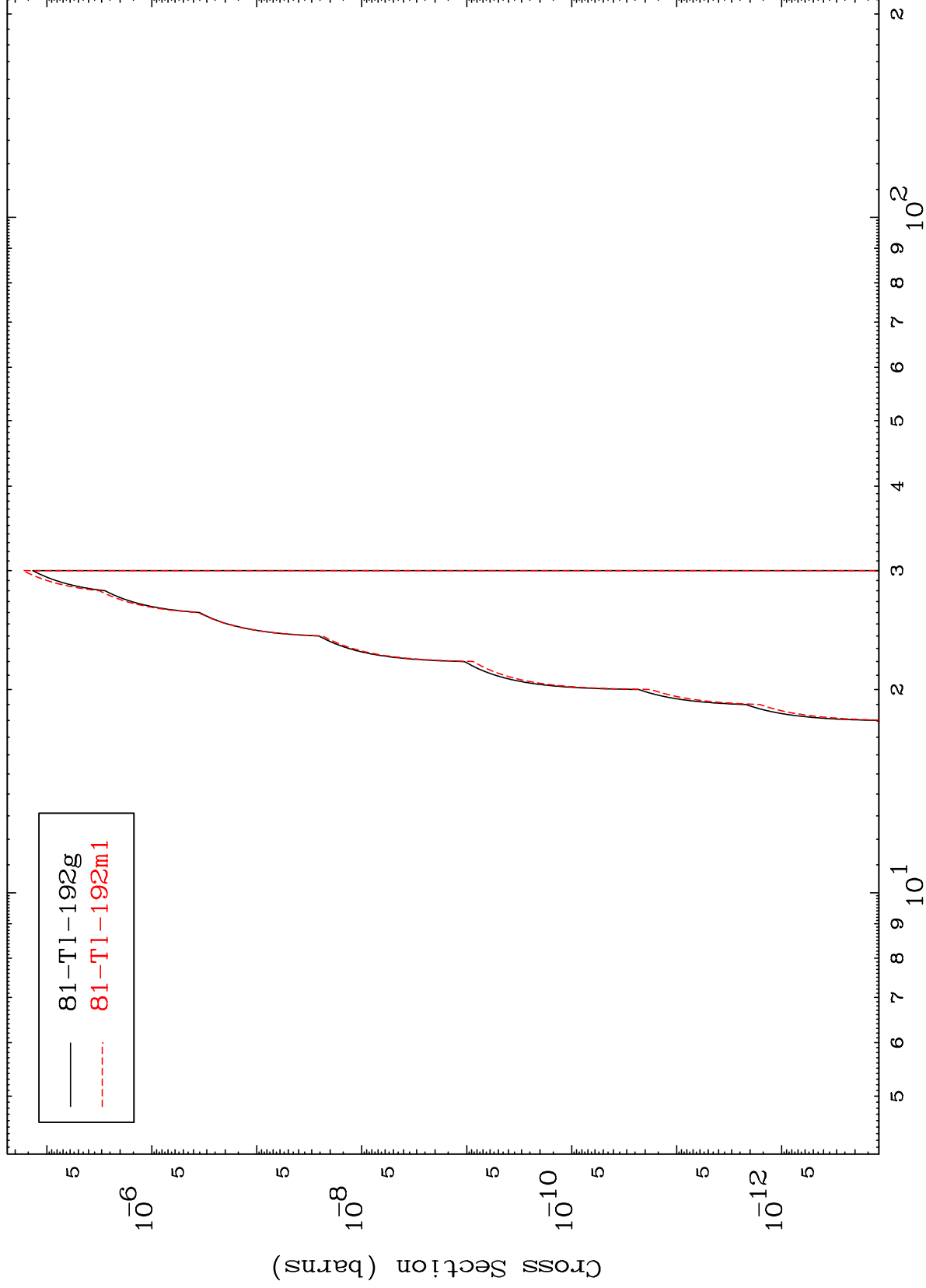
(n,2n) p
Radionuclide Production Cross Section



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(n,n') p α
Radionuclide Production Cross Section



83-Bi-197

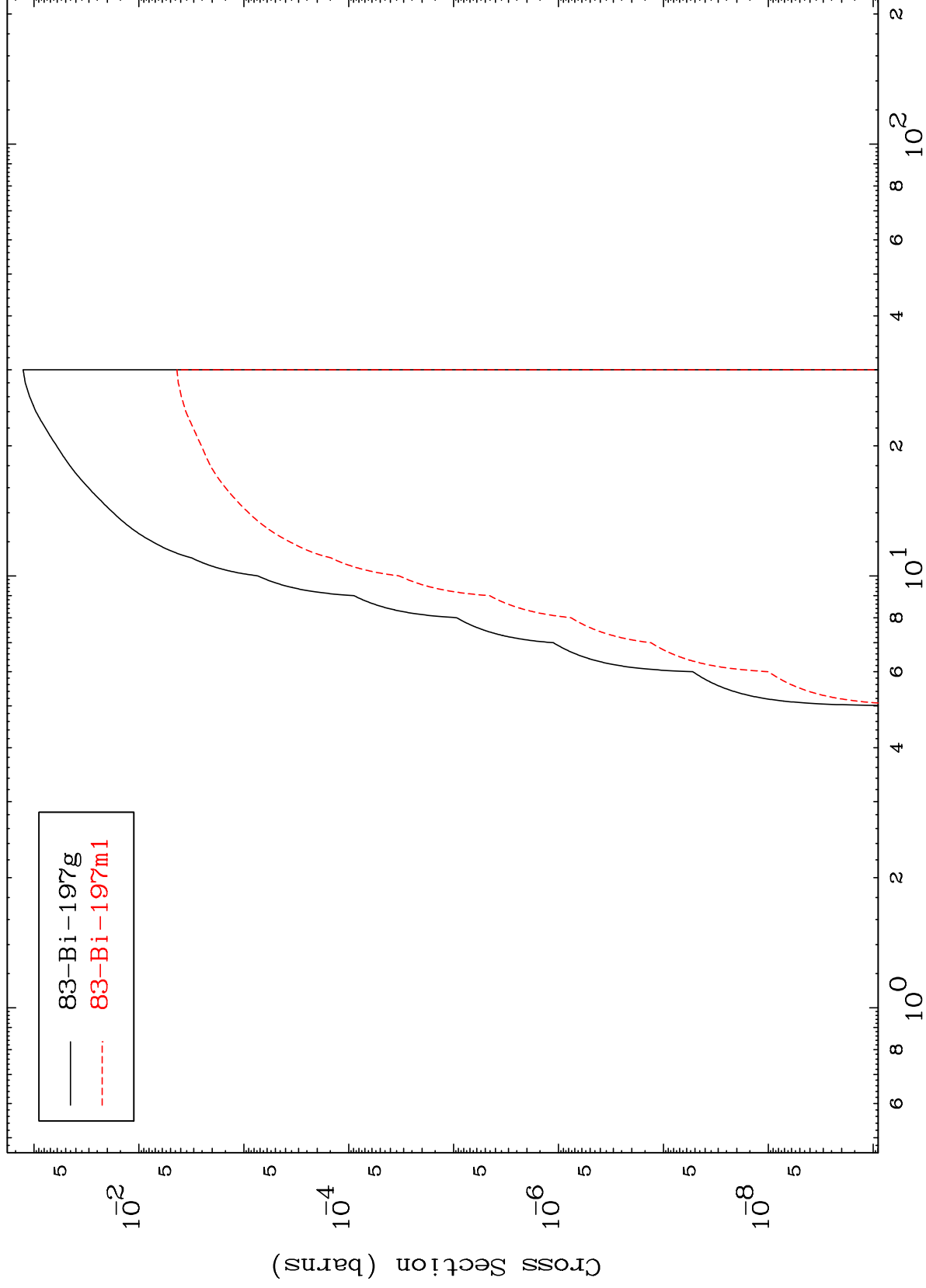
Incident Energy (MeV)

23

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Radionuclide Production Cross Section



24

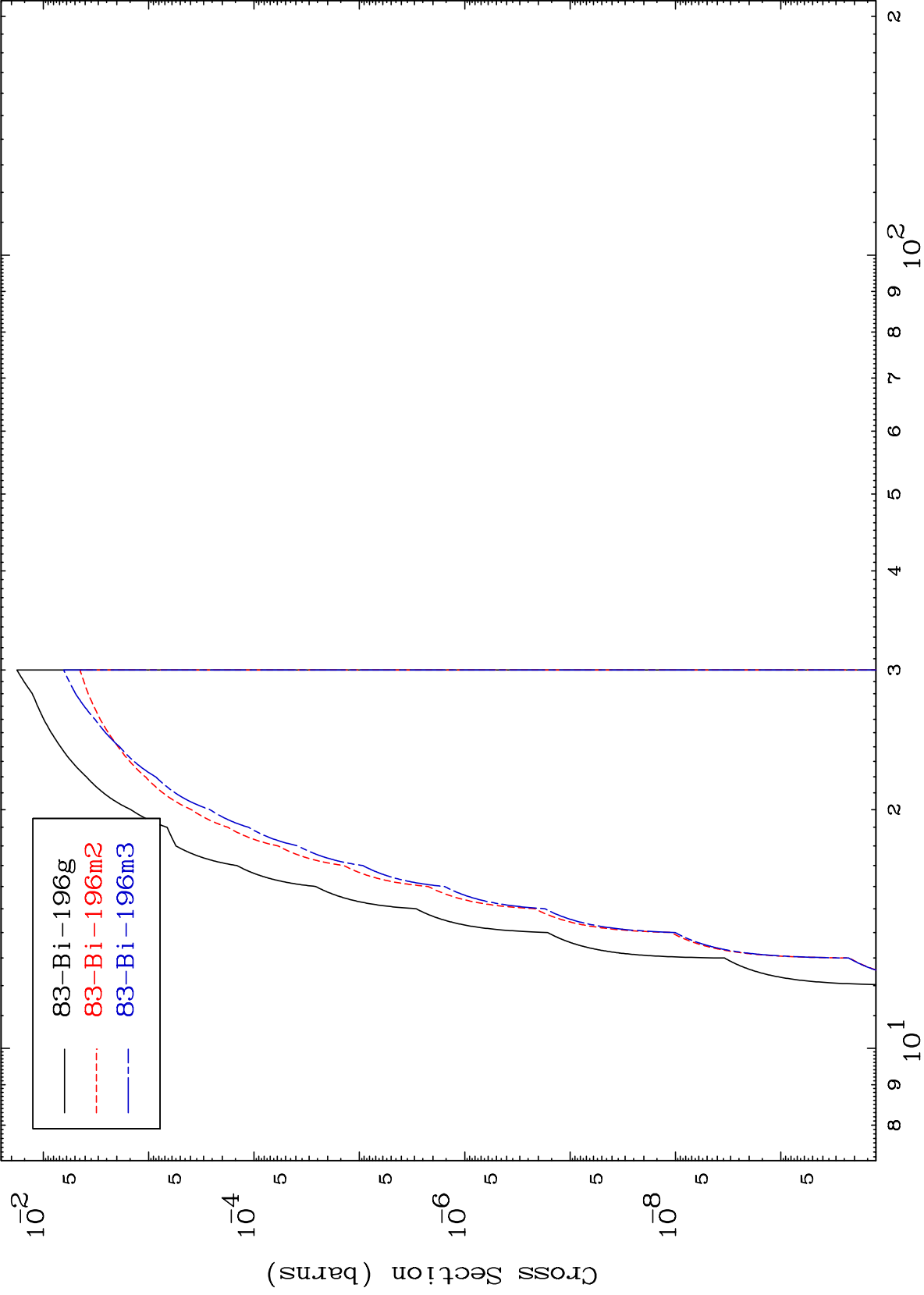
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Incident Energy (MeV)

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83-Bi-197

Radionuclide Production Cross Section
(n,d)

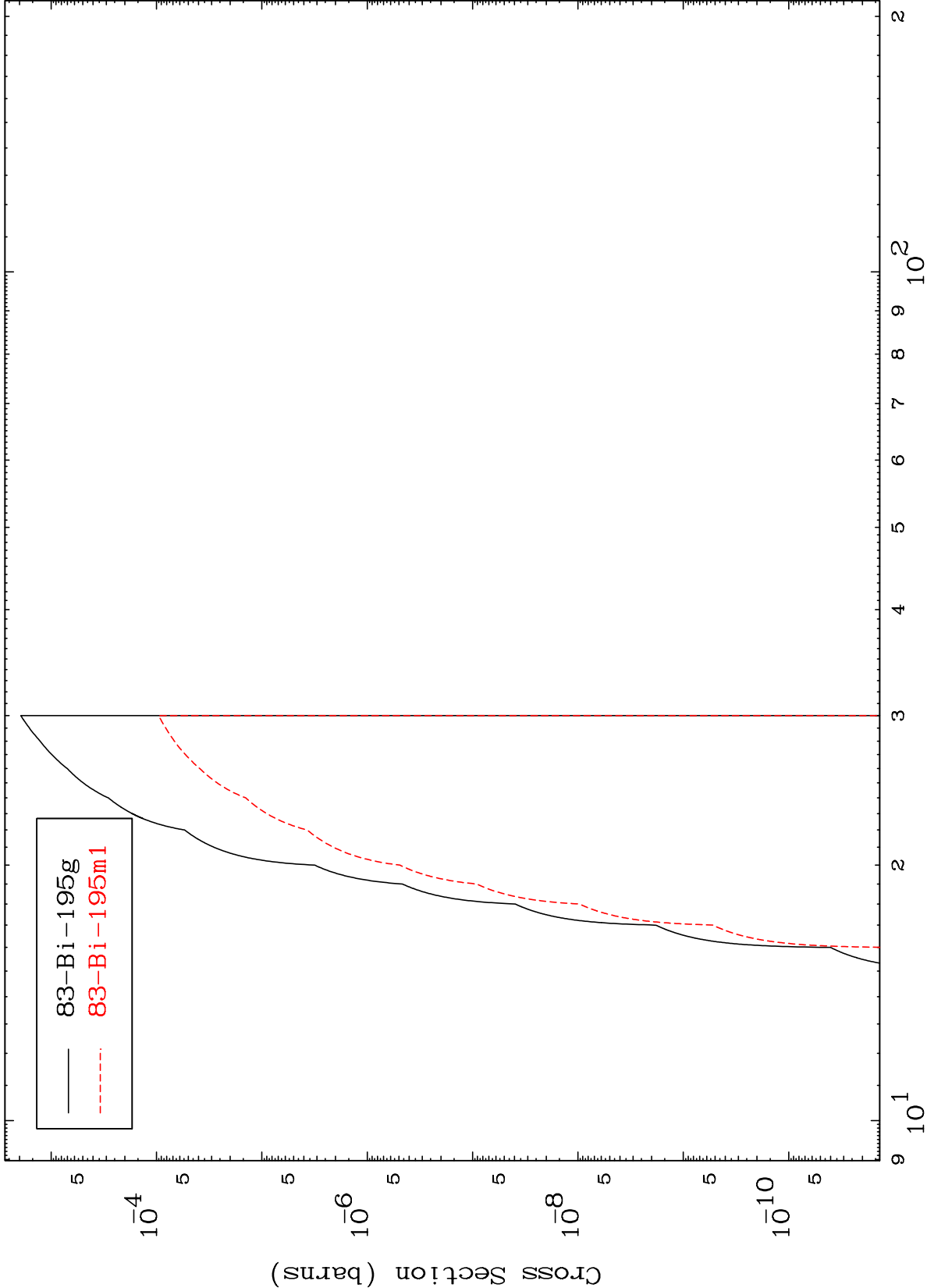


25

Incident Energy (MeV)

83-Bi-197

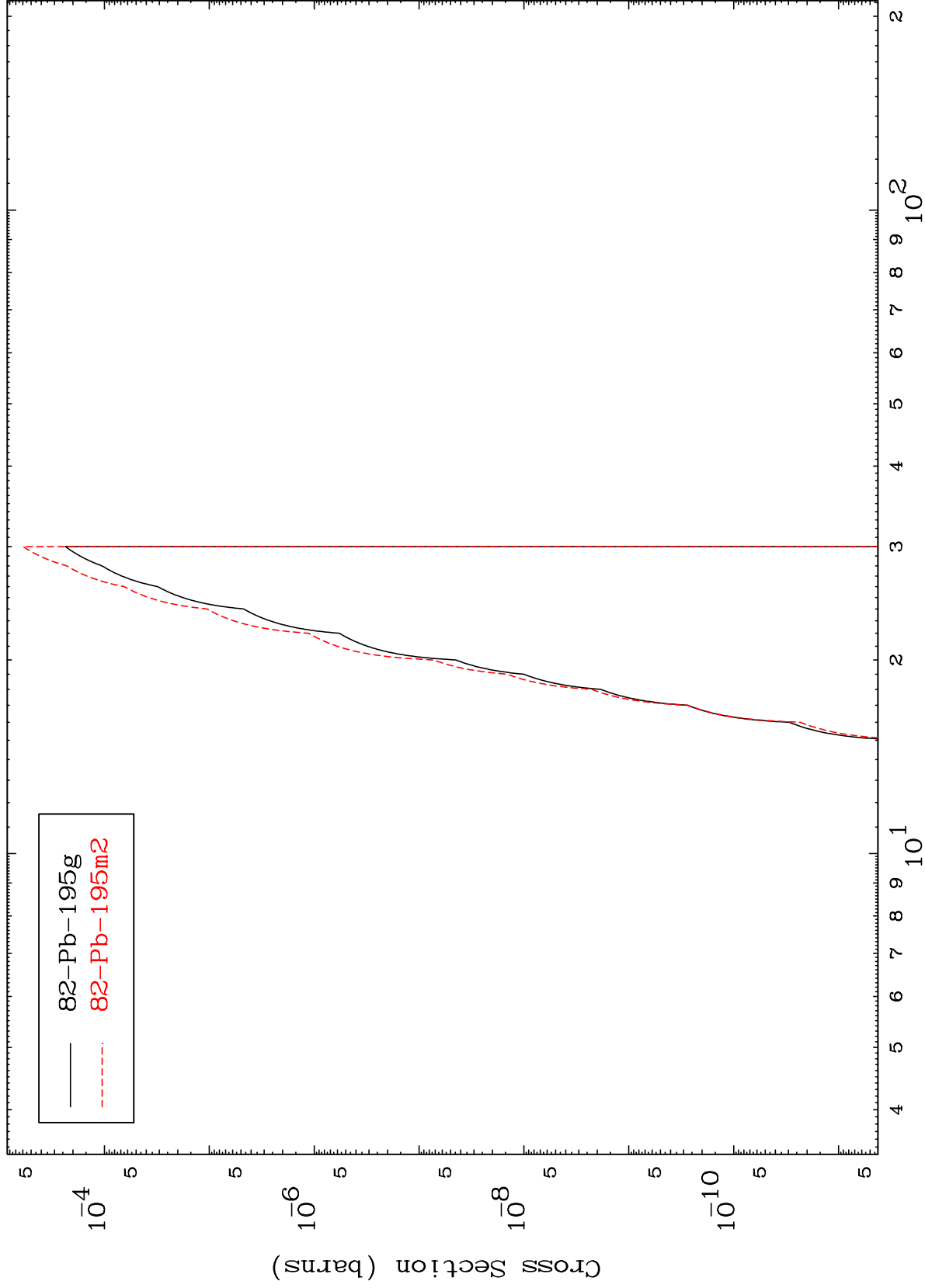
(n,t)
Radionuclide Production Cross Section



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(n,He-3)
Radionuclide Production Cross Section

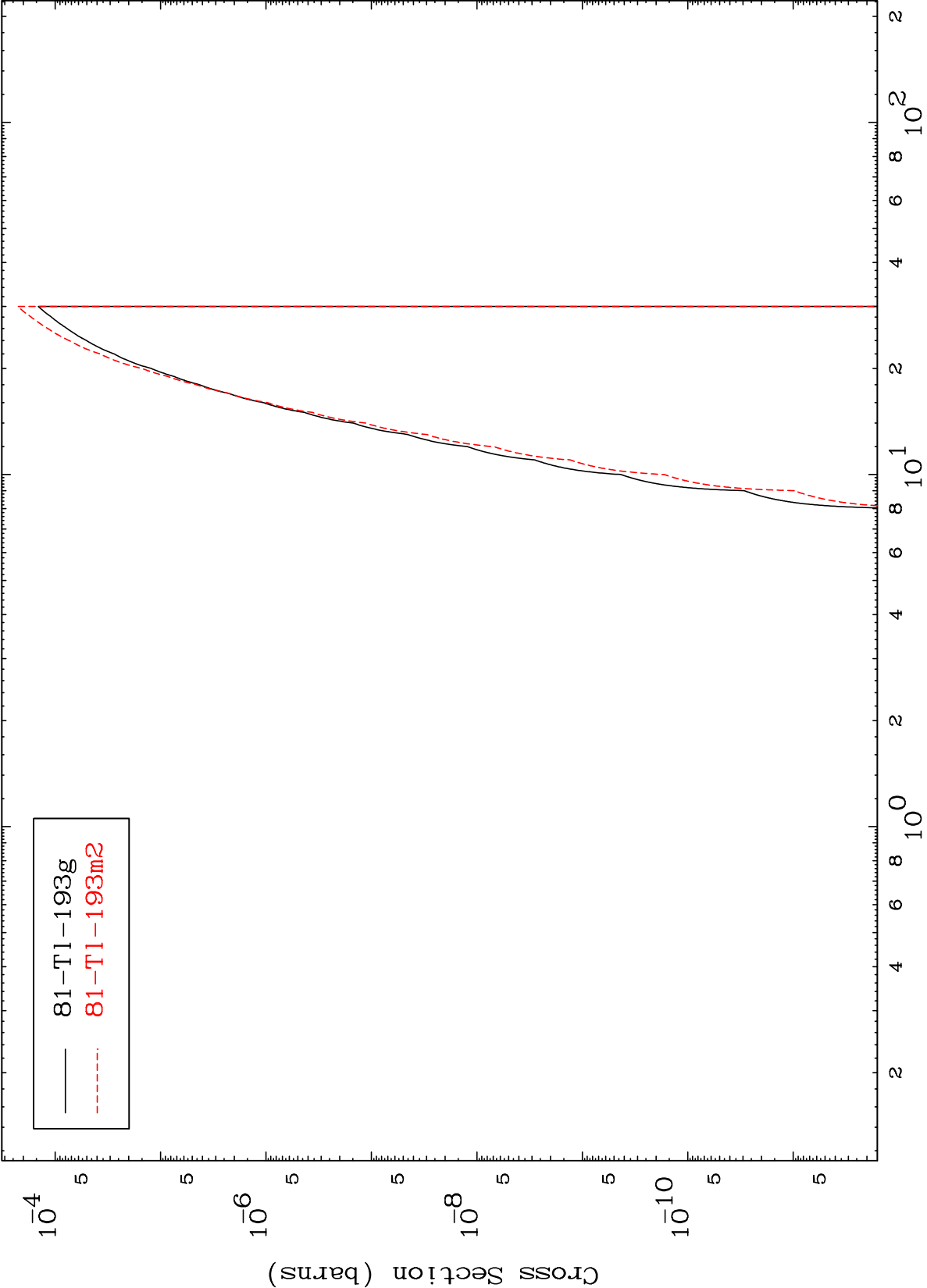


27

Incident Energy (MeV)

83-Bi-197

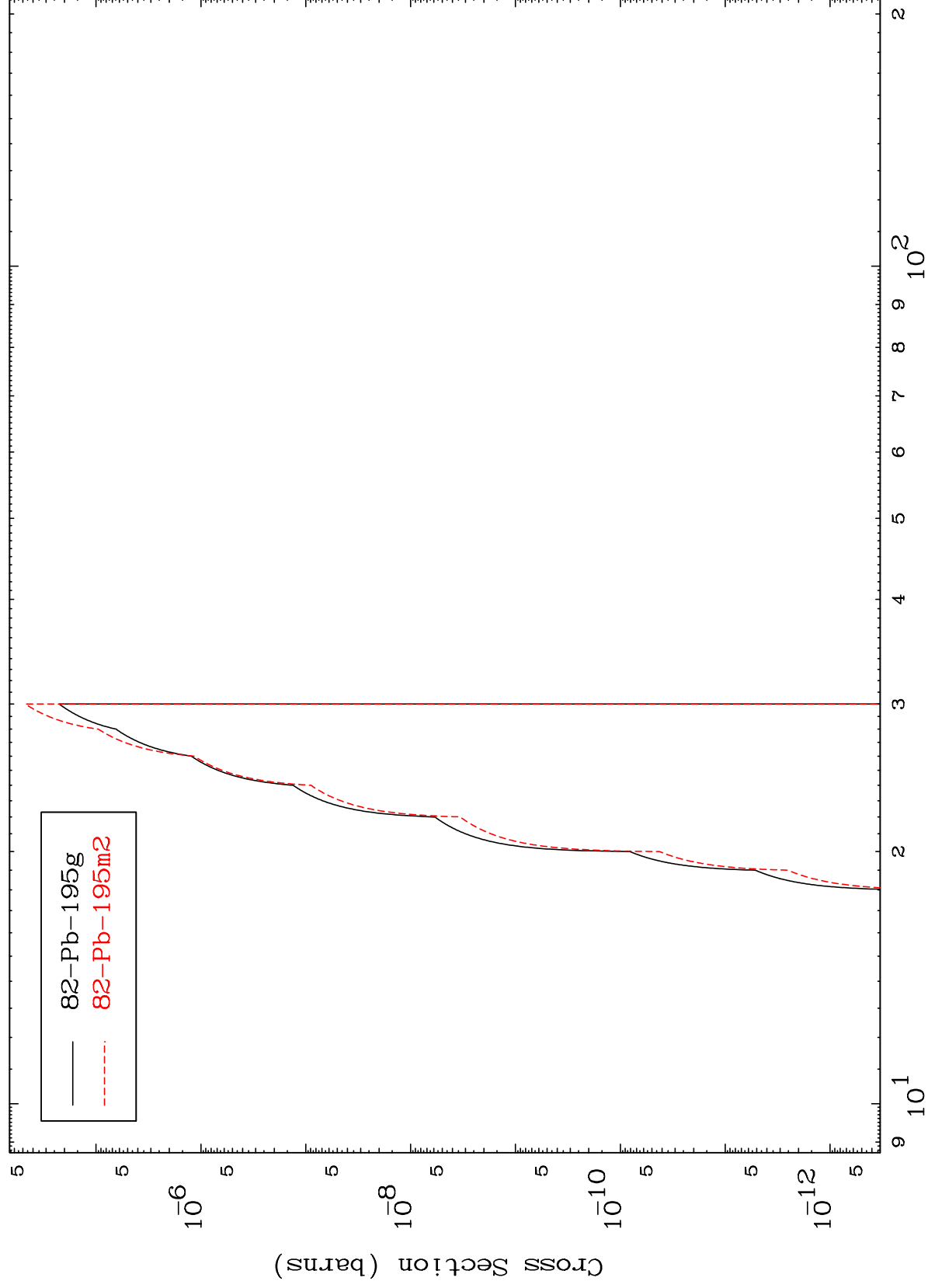
Radionuclide Production Cross Section



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83-Bi-197

(n,p) d
Radionuclide Production Cross Section



83-Bi-197

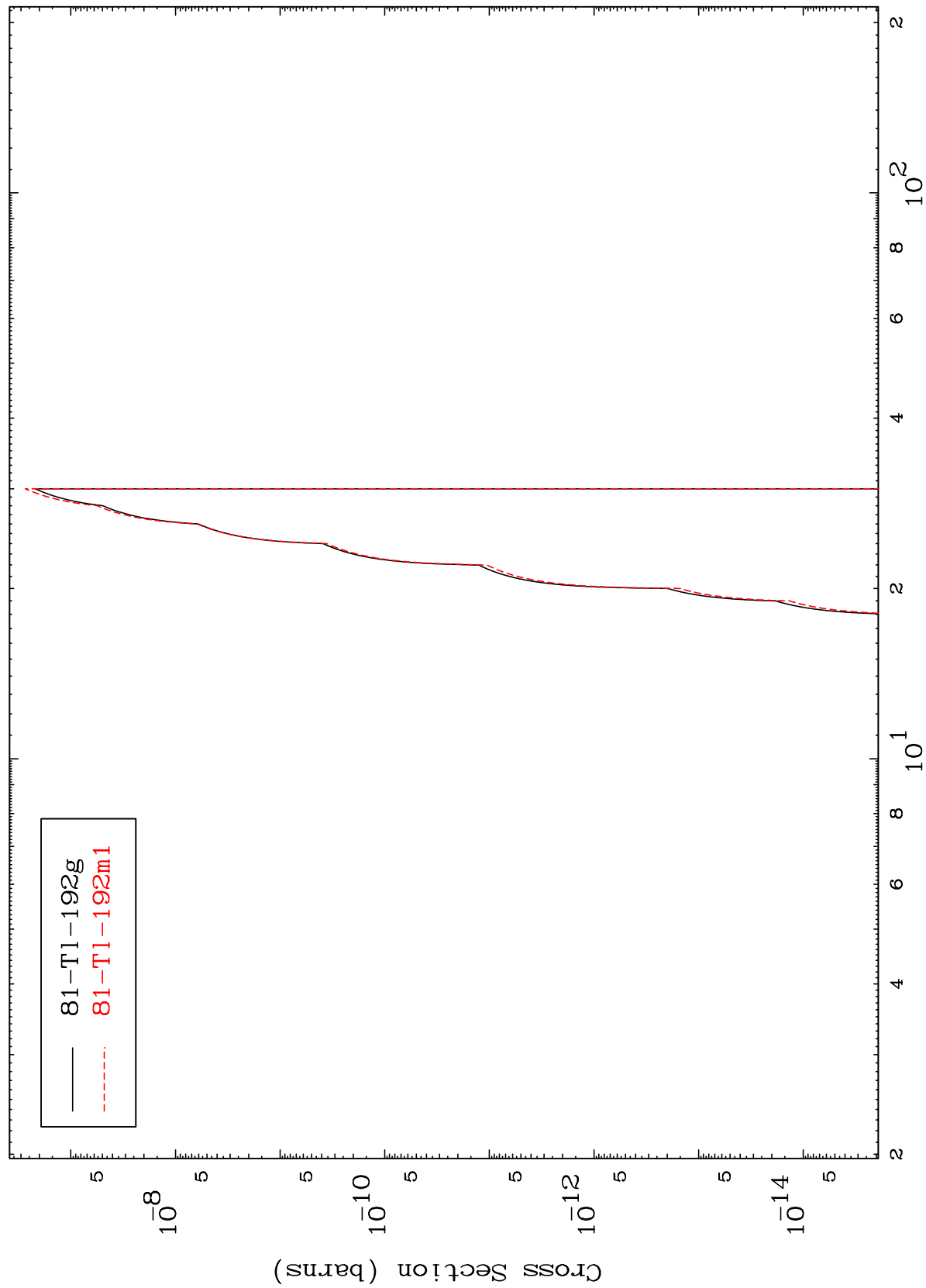
Incident Energy (MeV)

29

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83-Bi-197

(n,d) α
Radionuclide Production Cross Section



30

Incident Energy (MeV)

83-Bi-197