

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

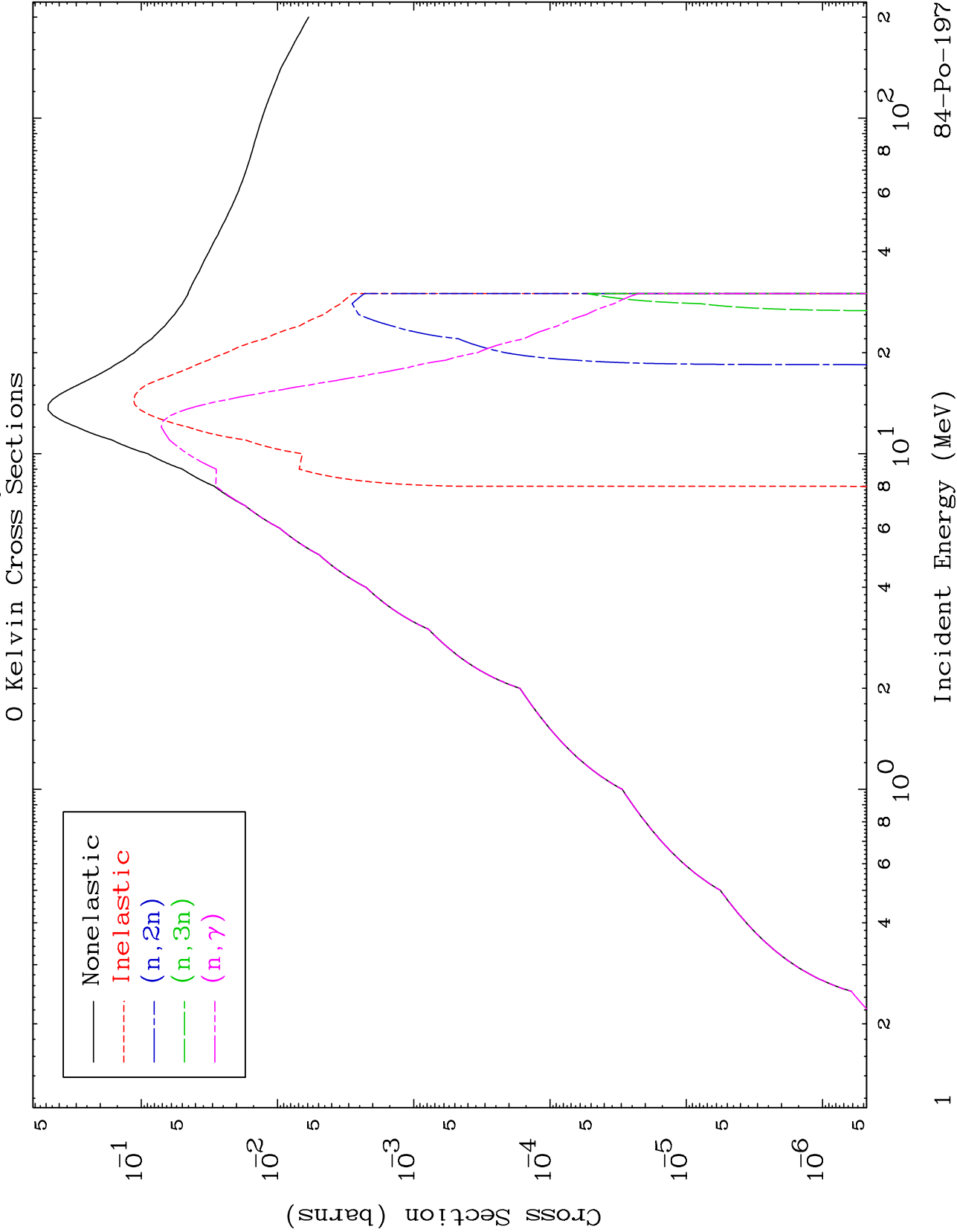
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

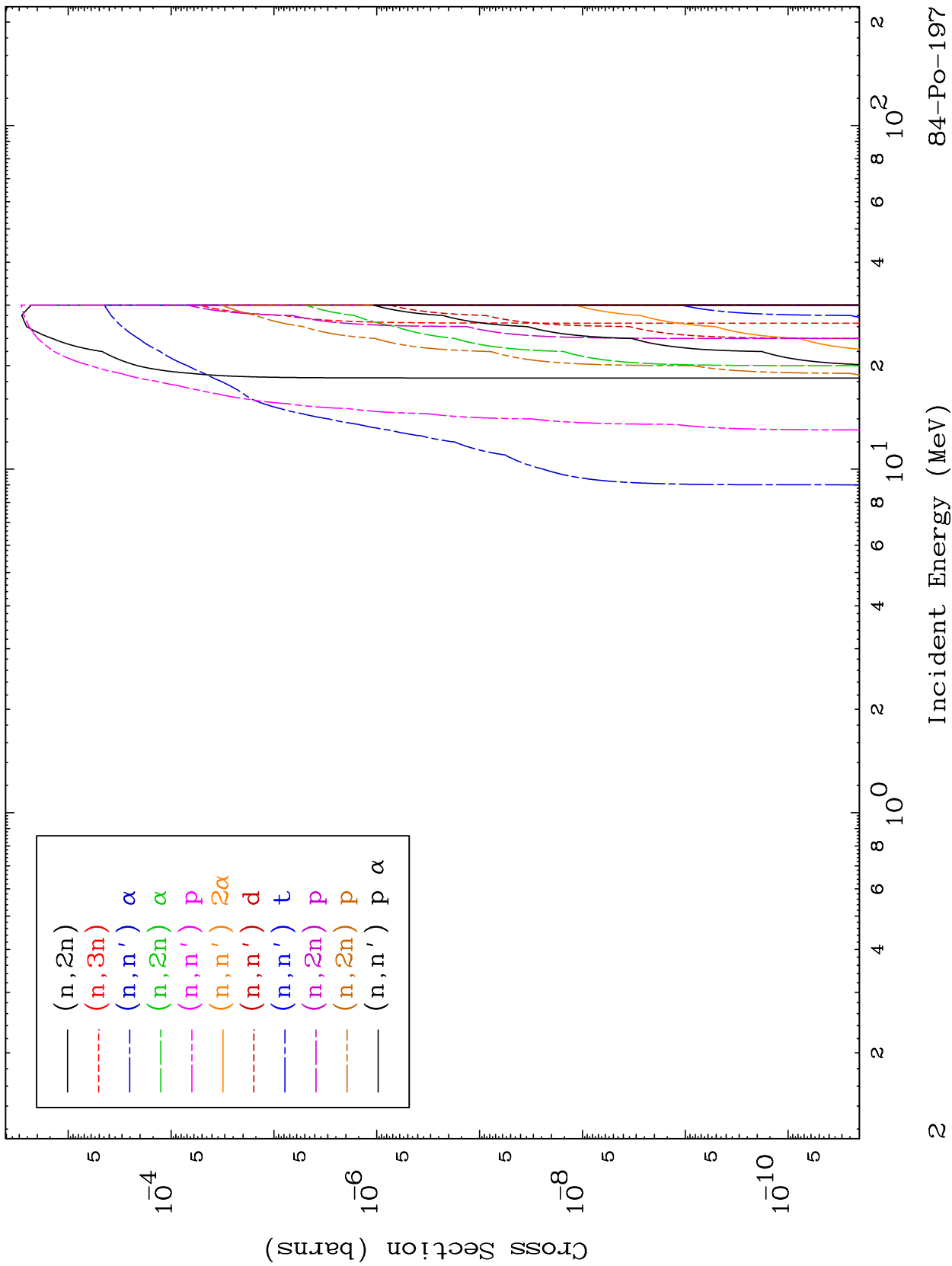
Tele: 925-443-1911

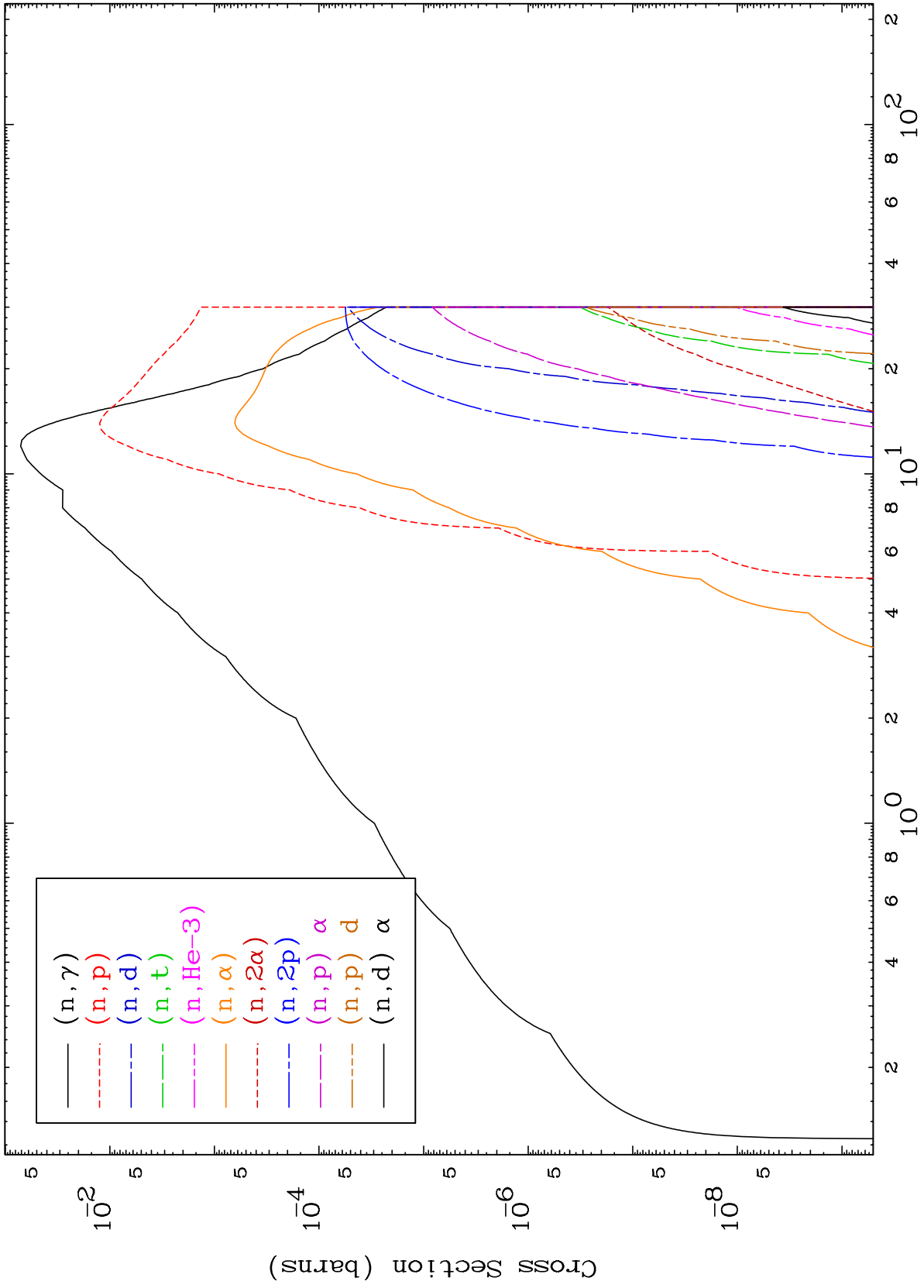
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



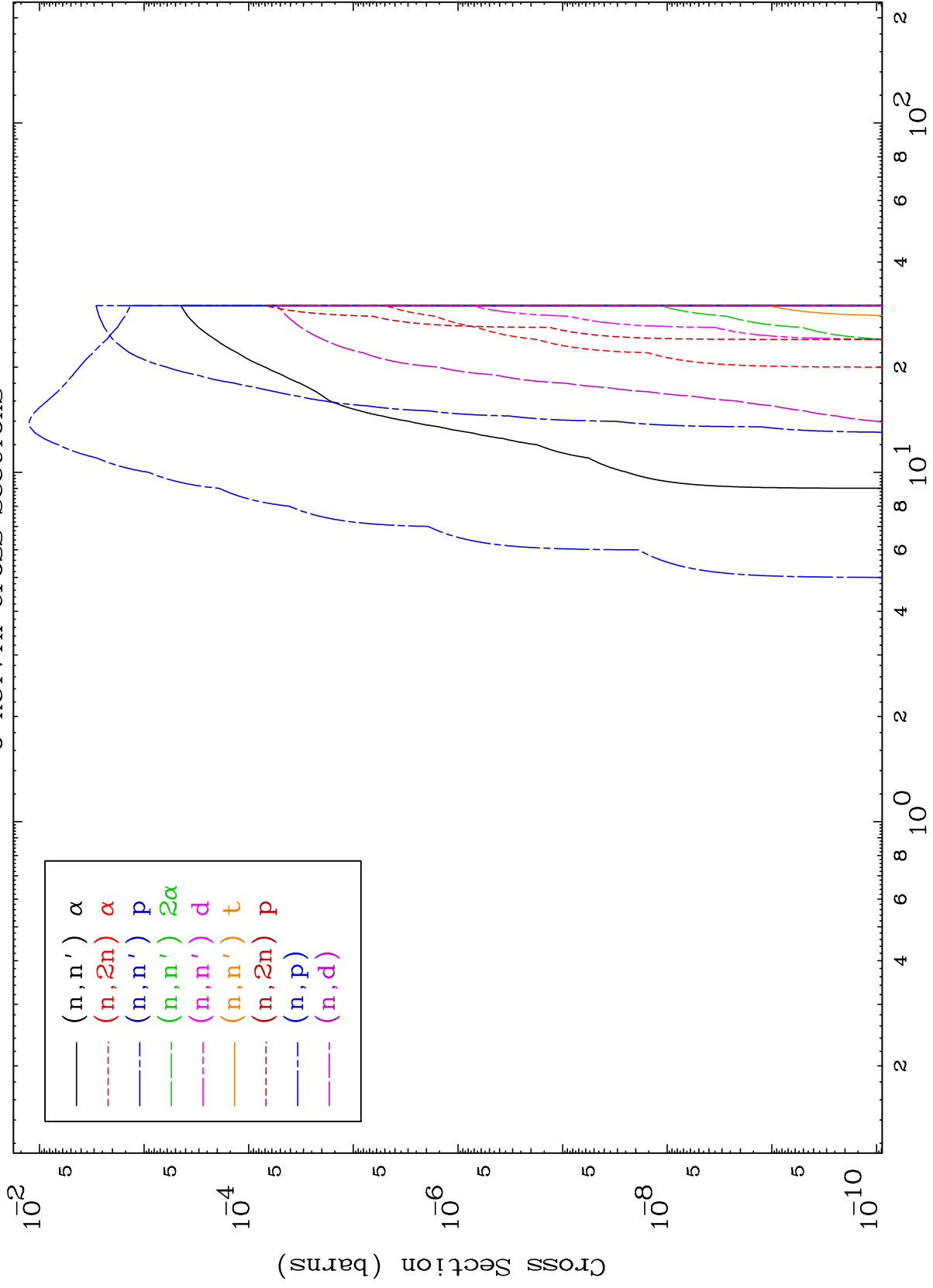


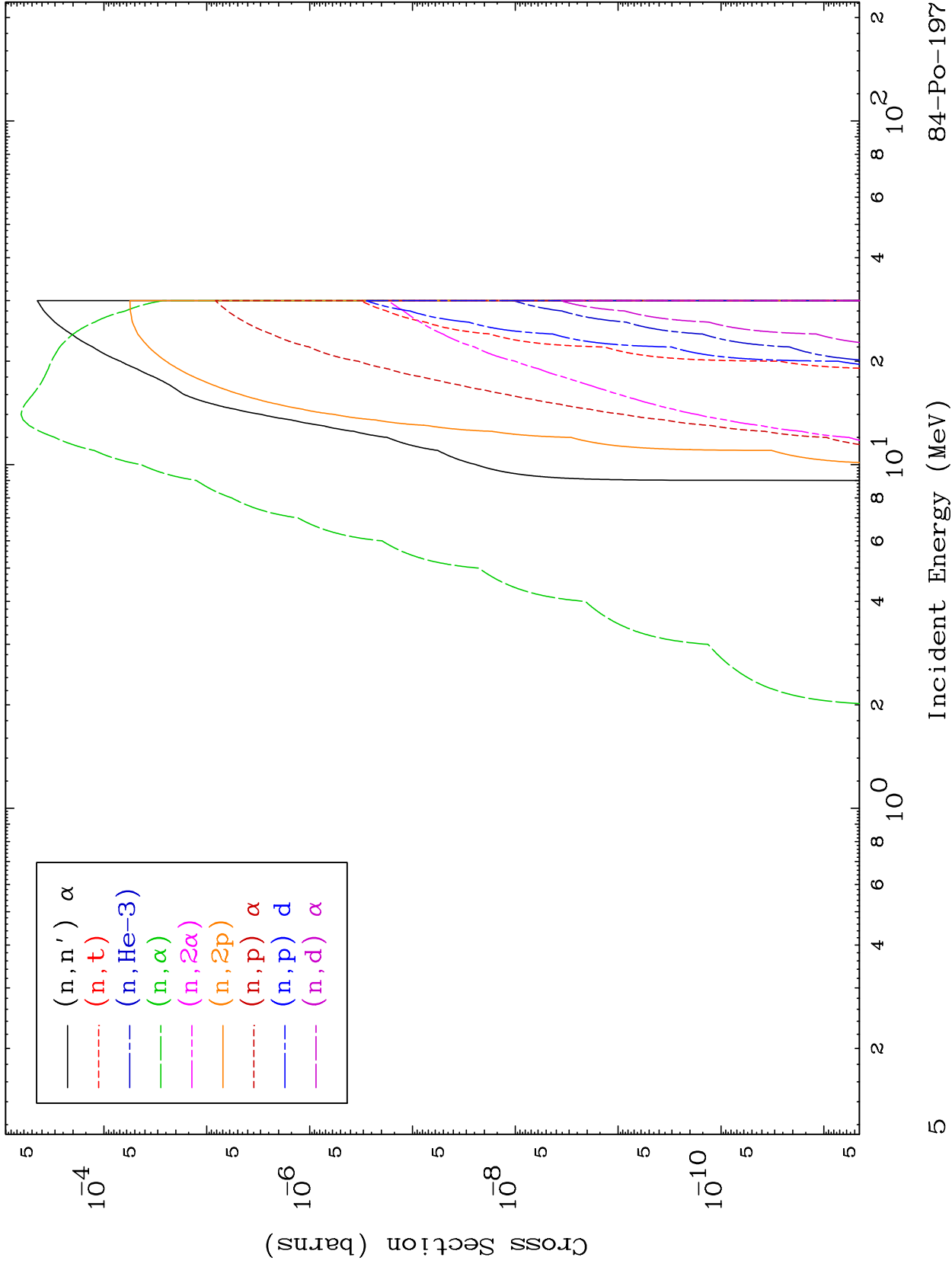


MAT 8398

Photon Charged Particle
0 Kelvin Cross Sections

84-Po-197



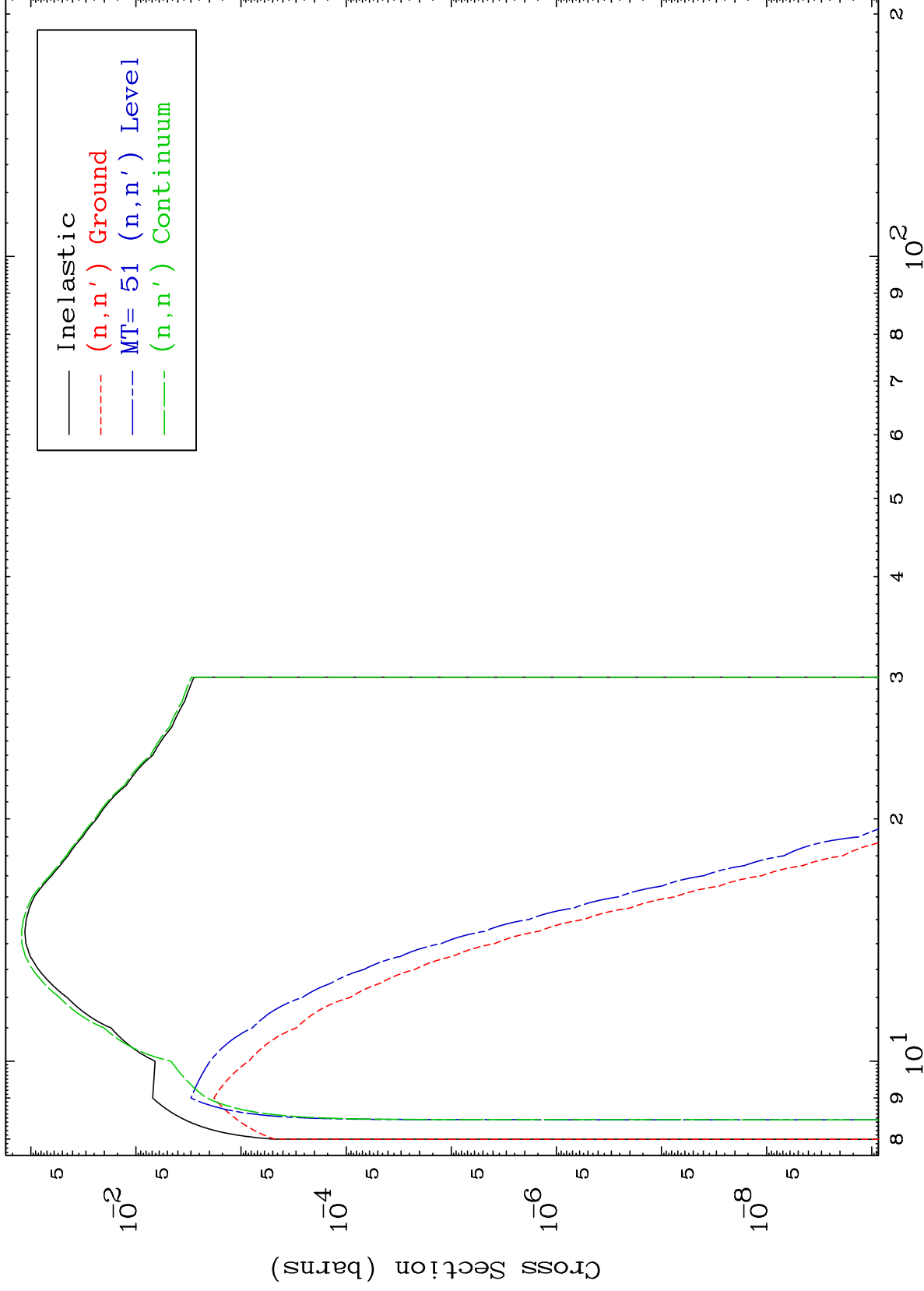


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(γ, n') Levels

84-Po-197

0 Kelvin Cross Sections



Incident Energy (MeV)

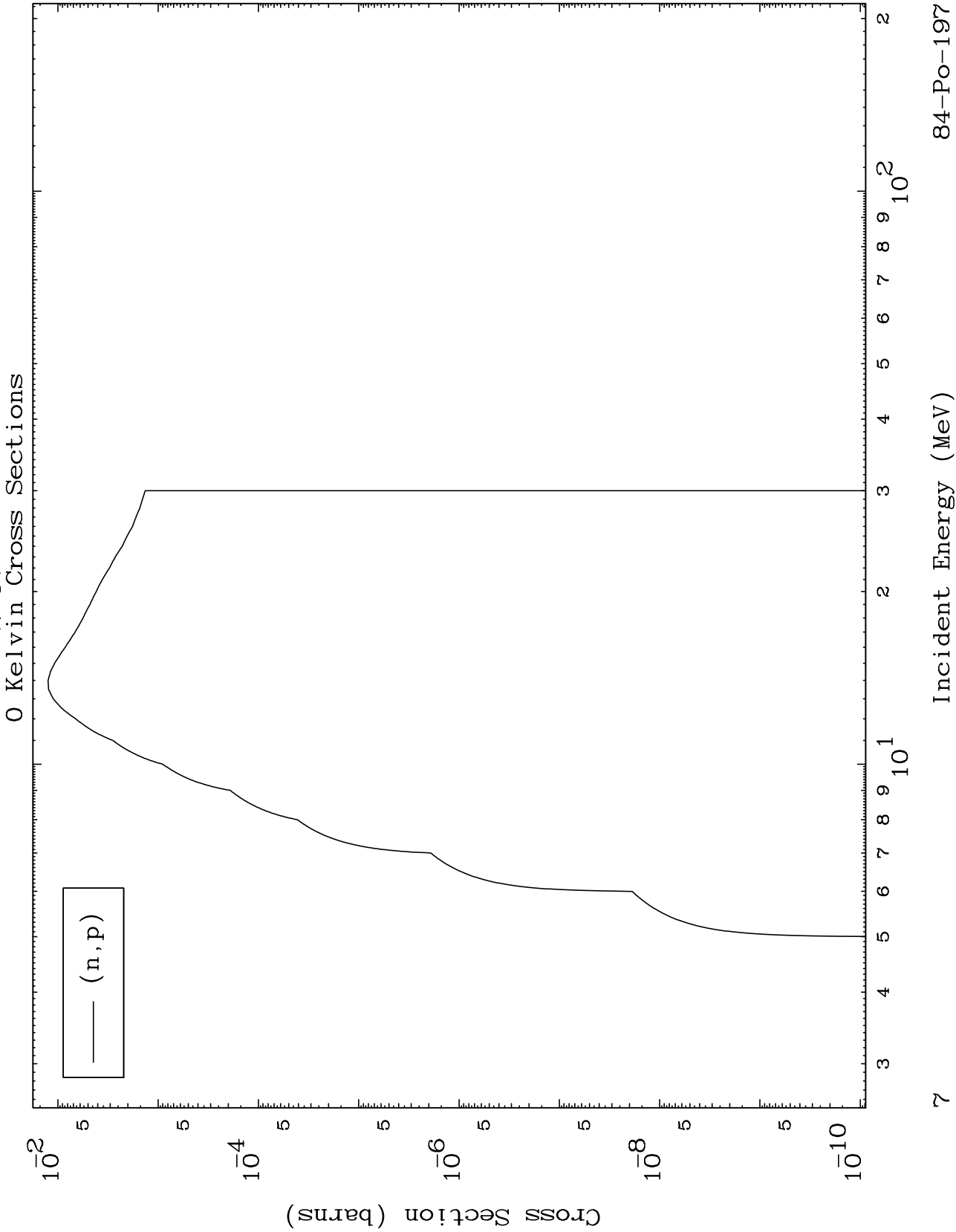
84-Po-197

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(γ, p) Levels

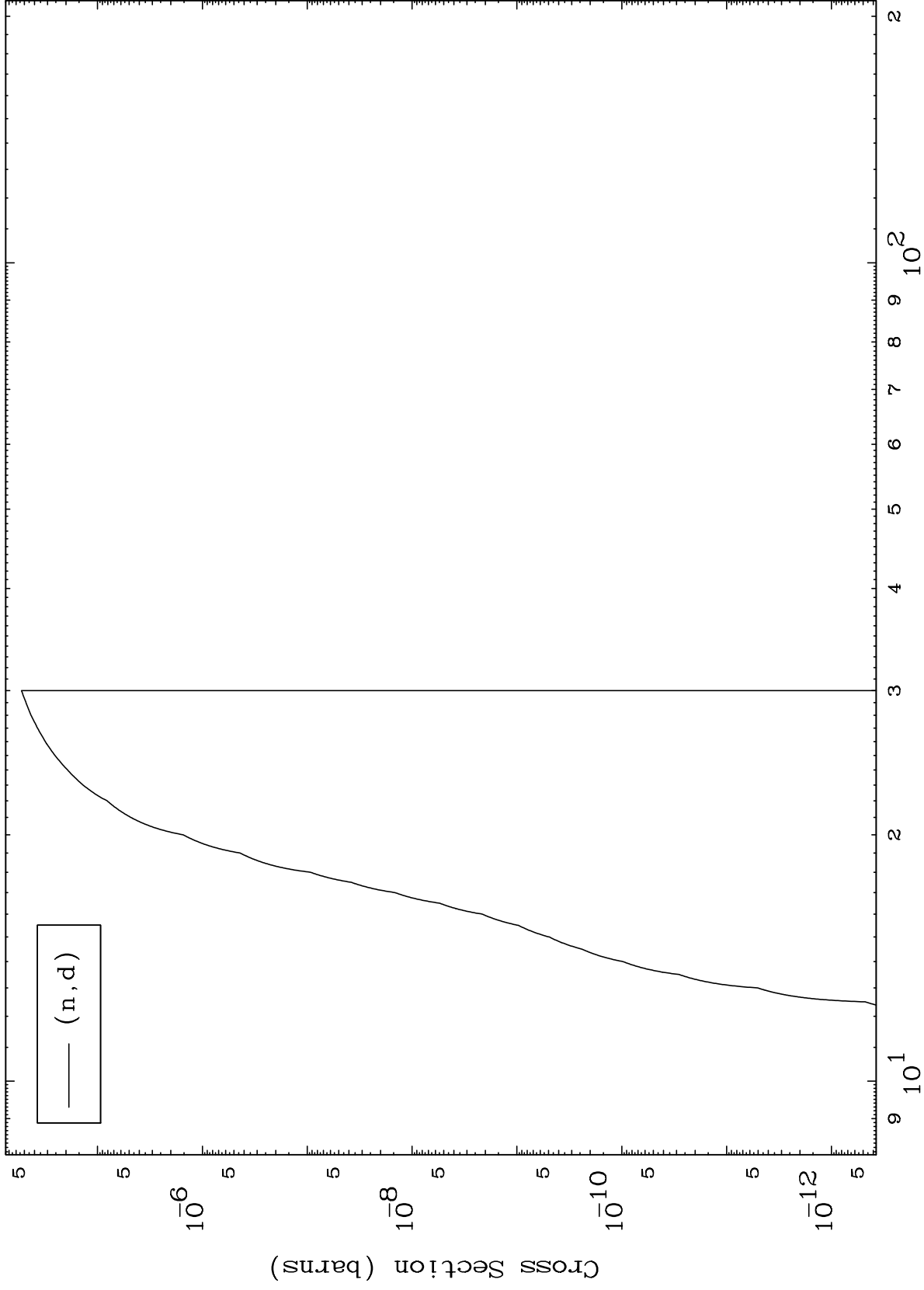
84-Po-197



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(γ, d) Levels
0 Kelvin Cross Sections

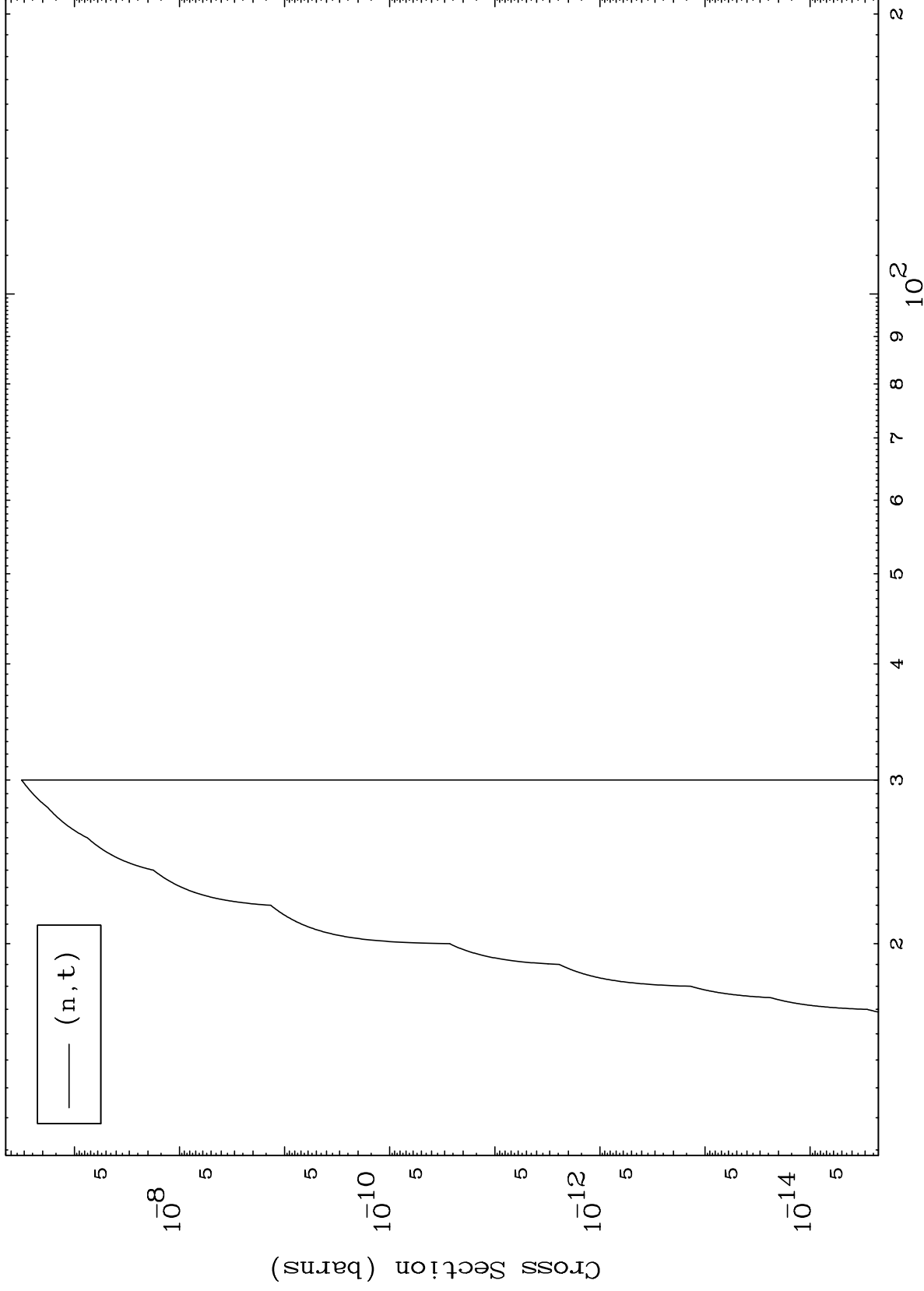
84-Po-197



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Incident Energy (MeV)

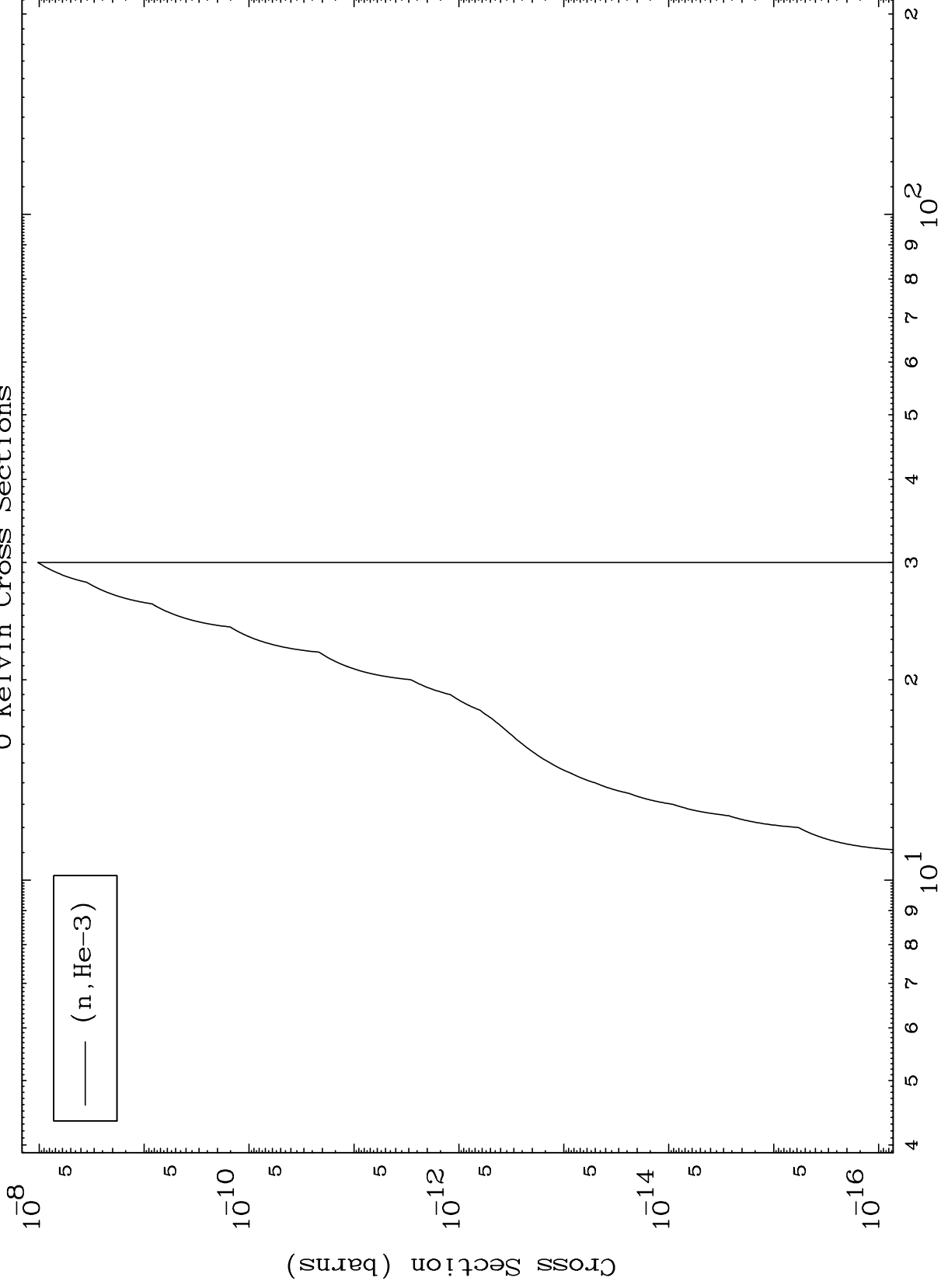
84-Po-197



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

84-Po-197

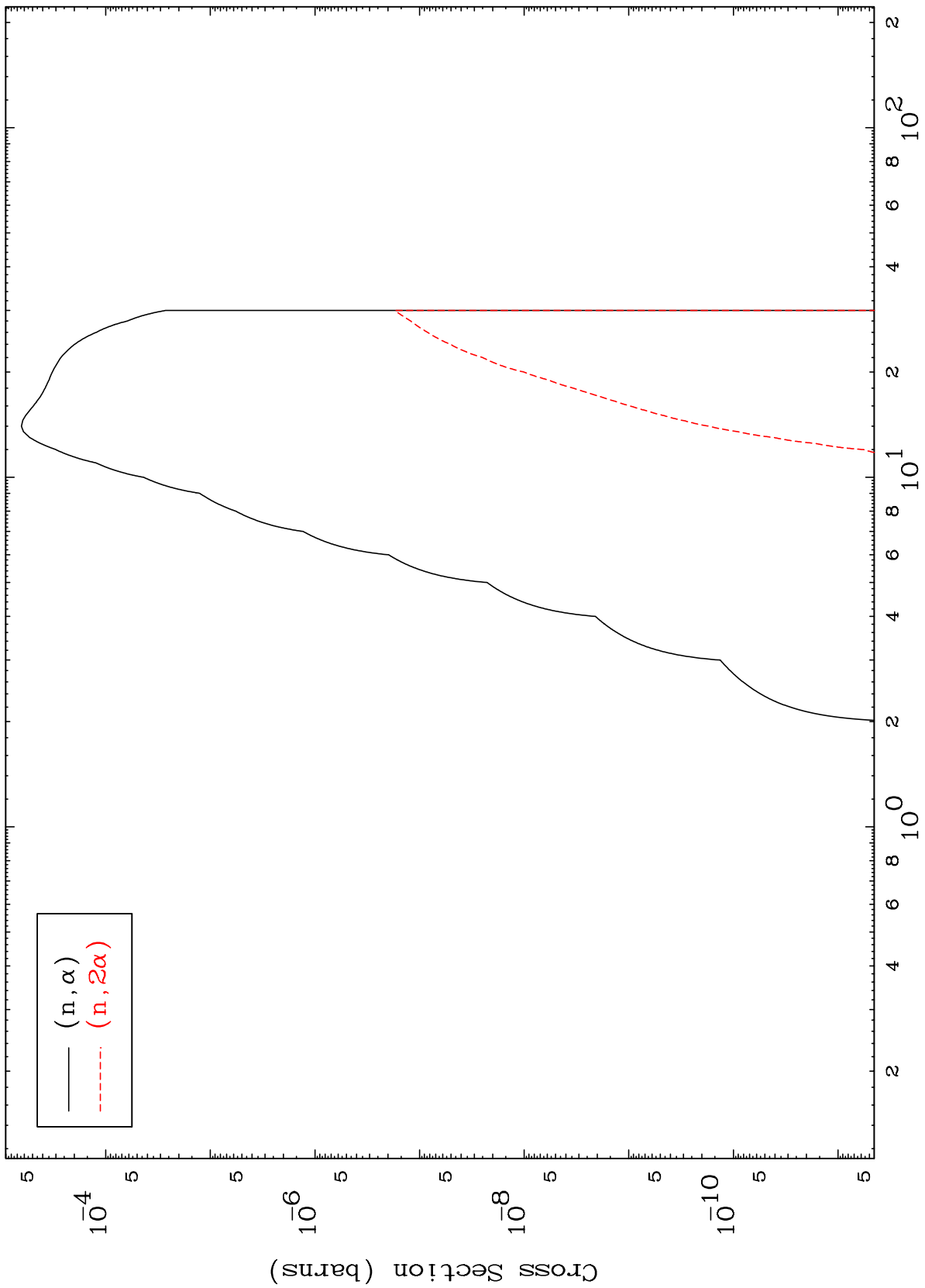


10

Incident Energy (MeV)

84-Po-197

0 Kelvin Cross Sections

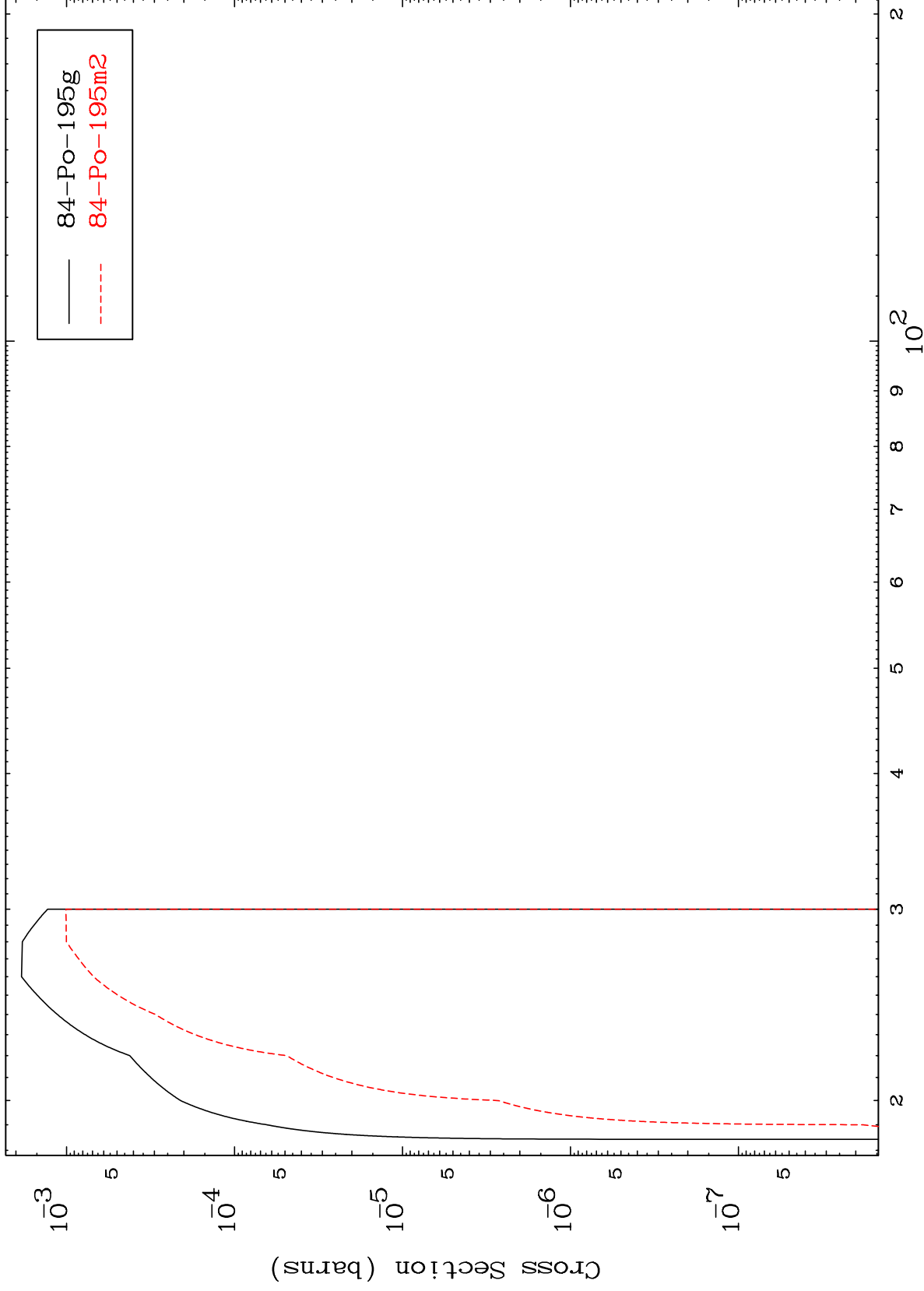


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(n,2n)

84-Po-197

Radionuclide Production Cross Section



12

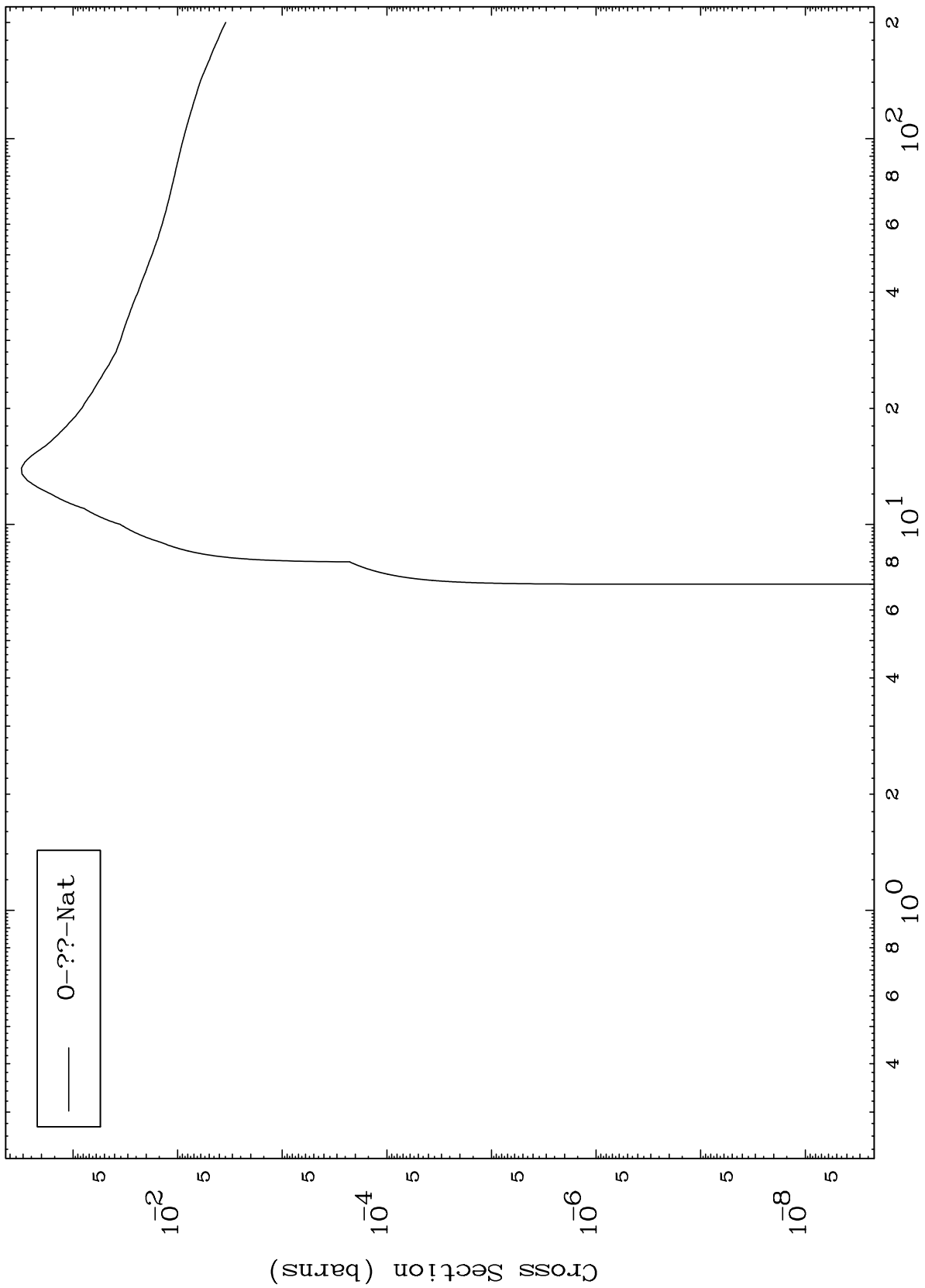
Incident Energy (MeV)

84-Po-197

MAT 8398

84-Po-197

Fission
Radionuclide Production Cross Section

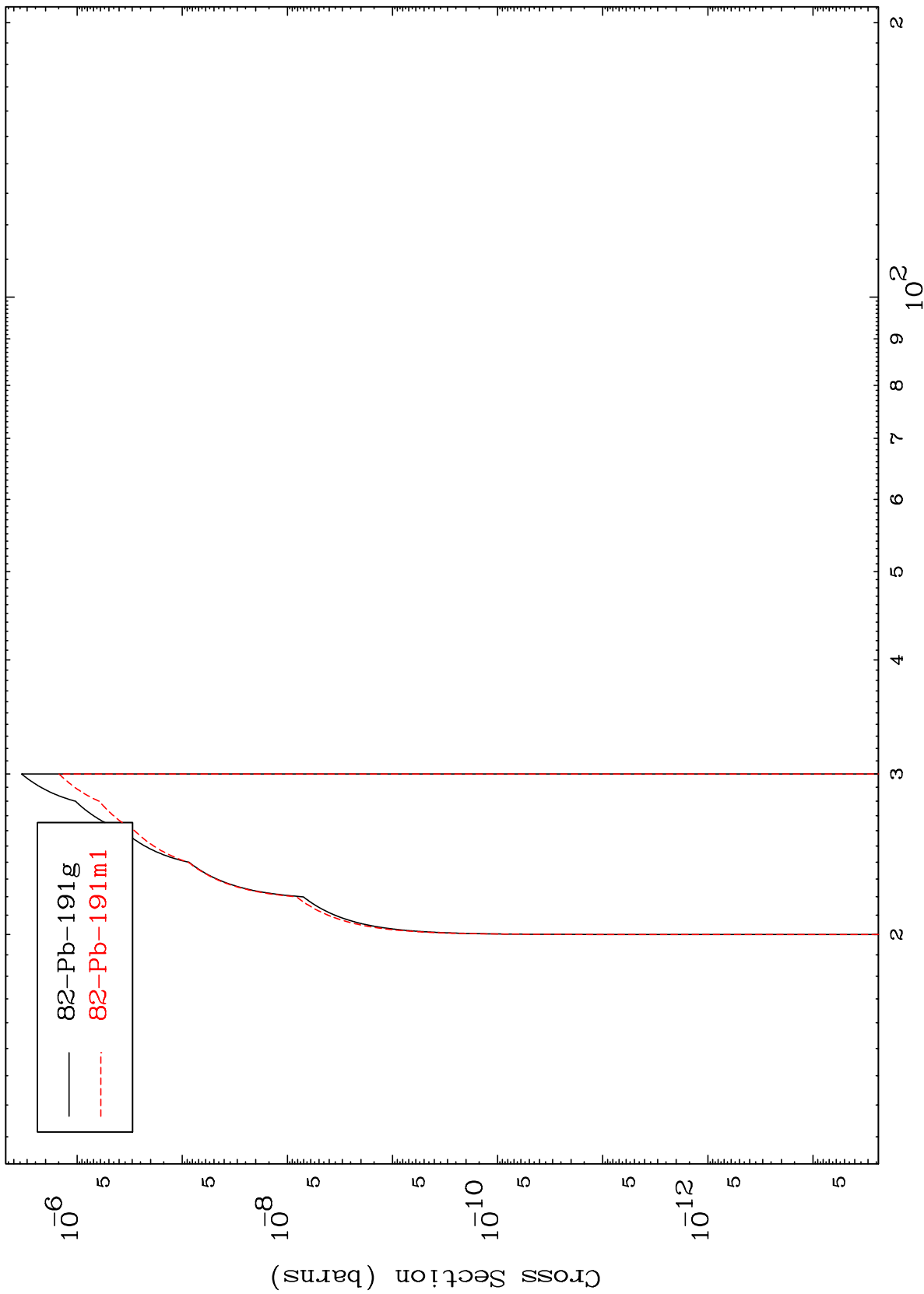


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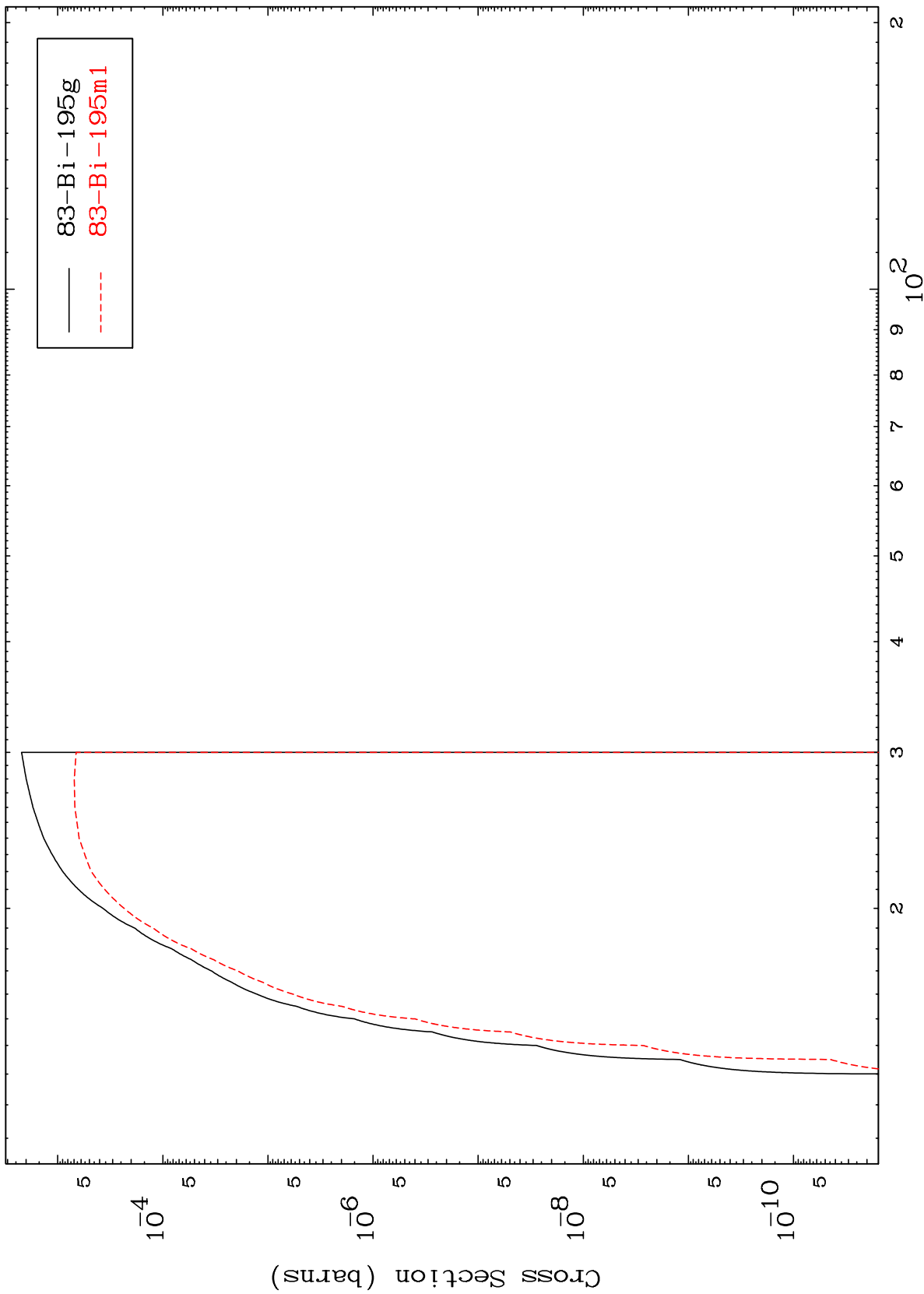
(n,2n) α

84-Po-197

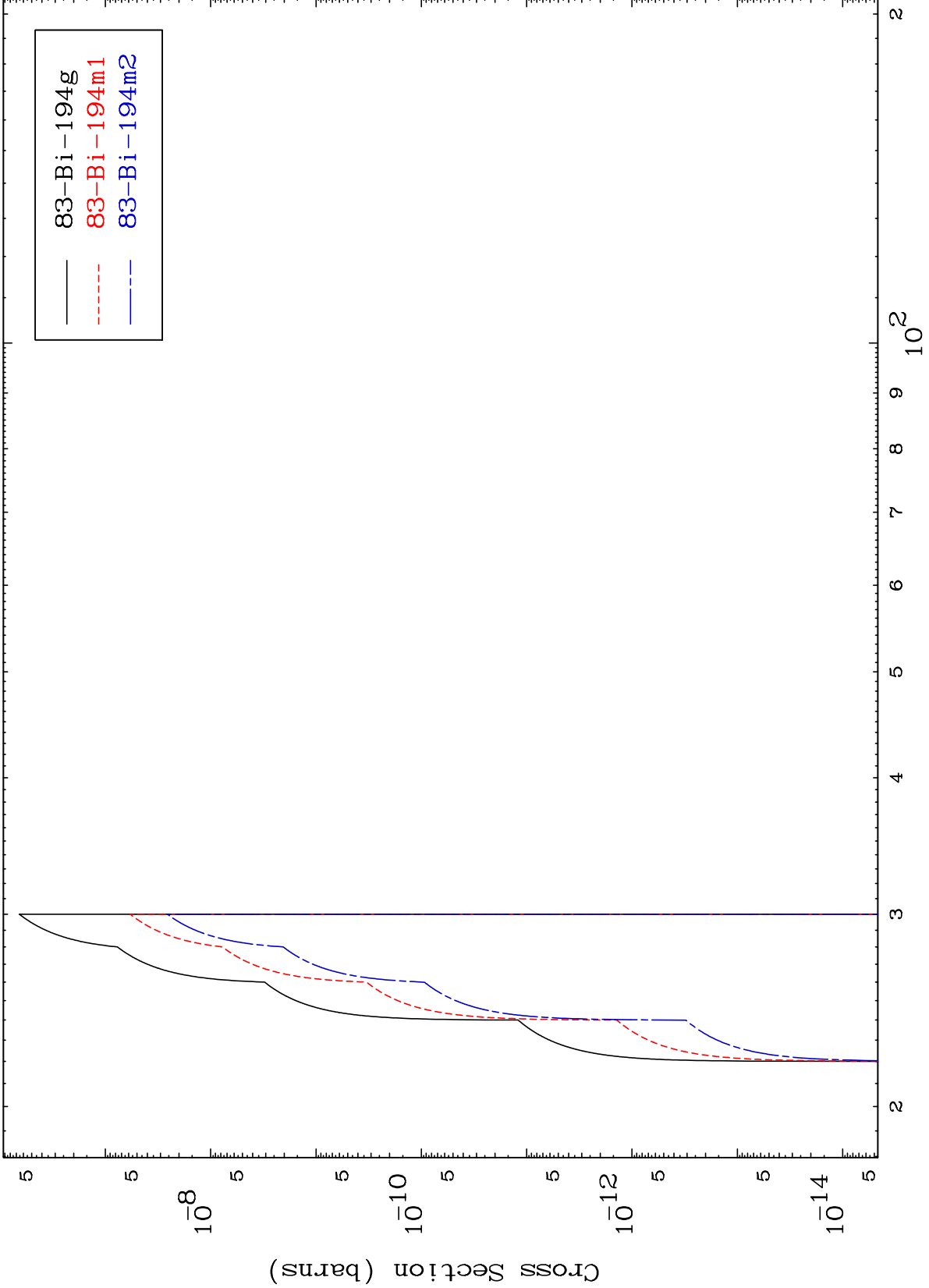
Radionuclide Production Cross Section



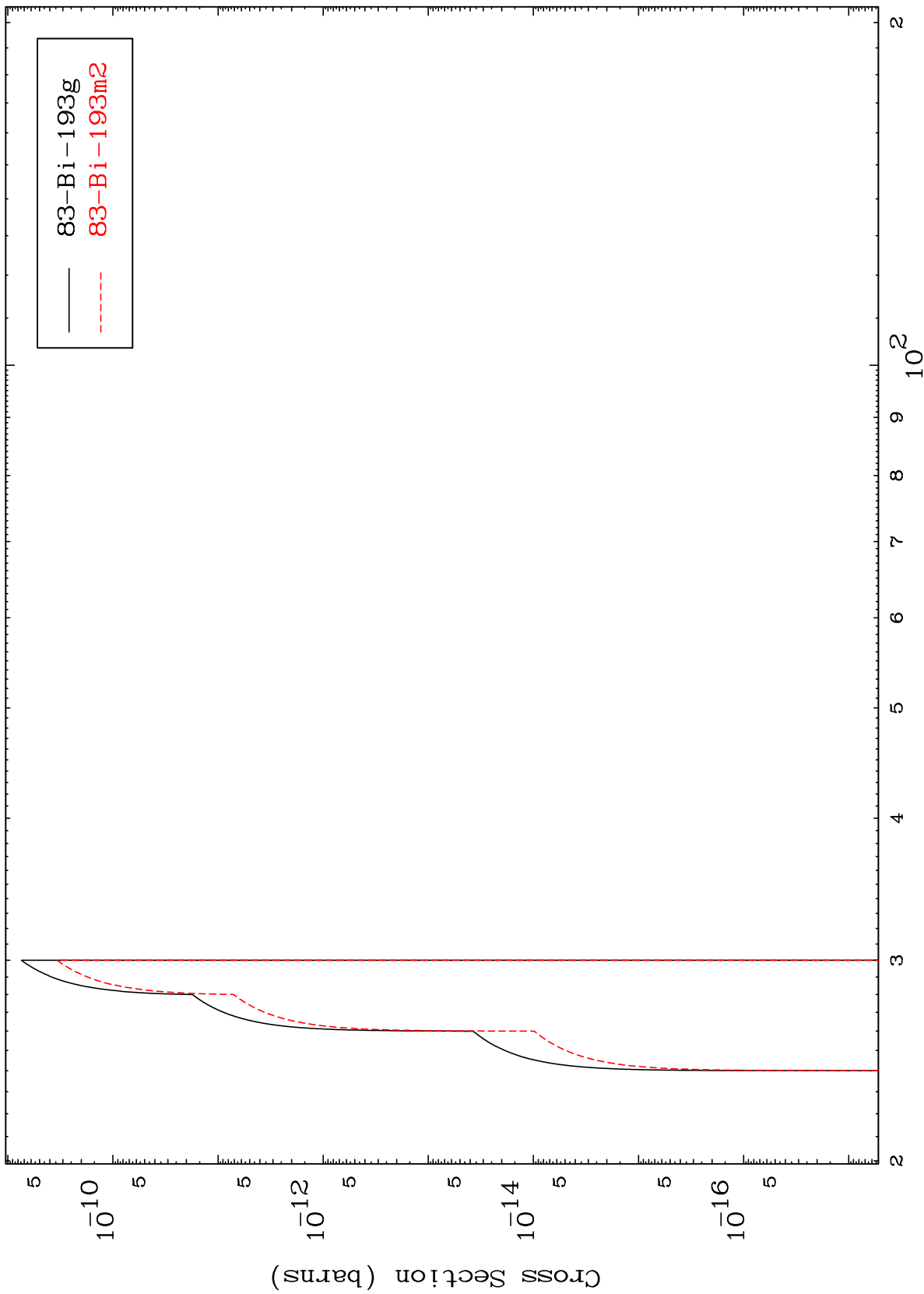
Radionuclide Production Cross Section



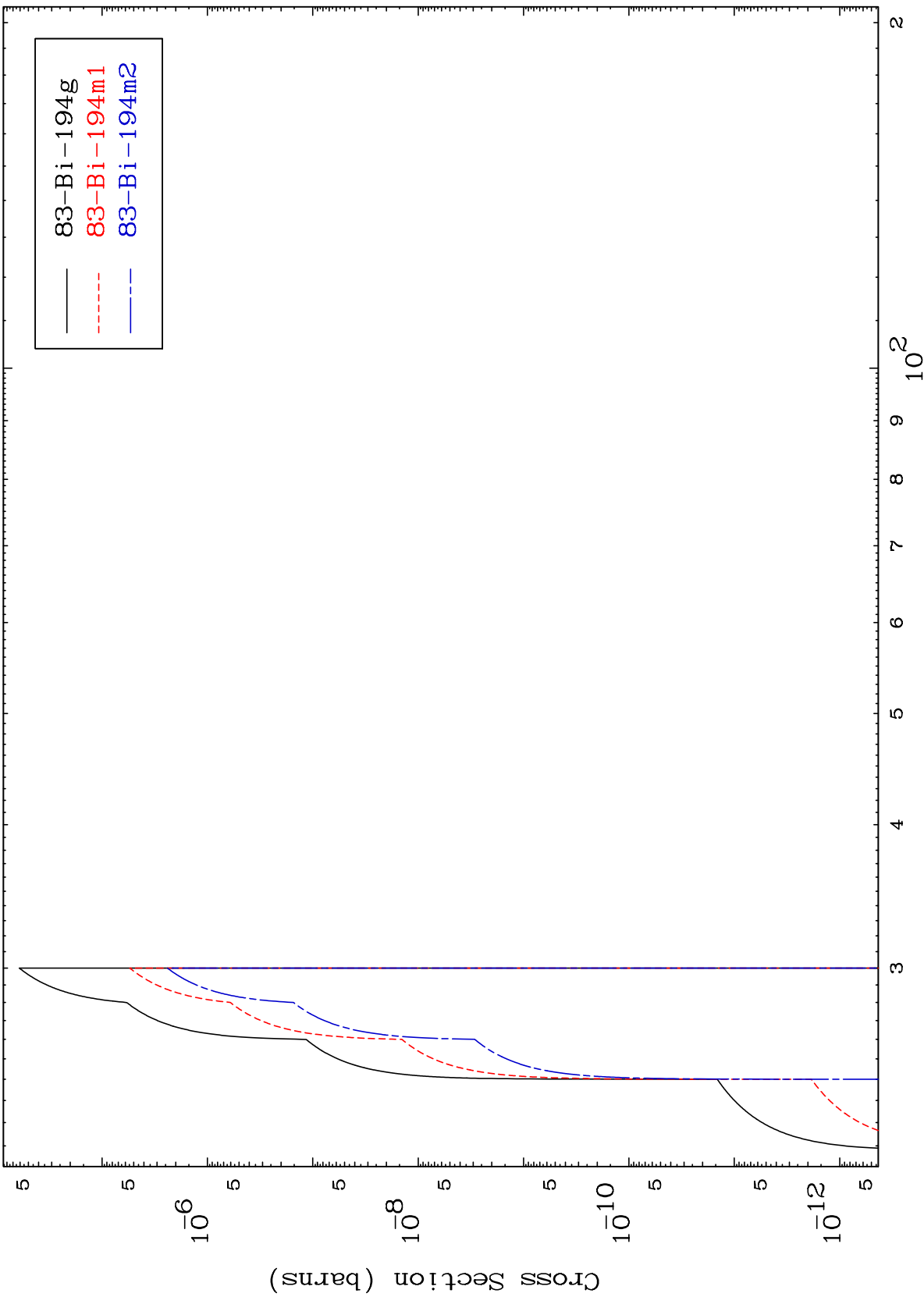
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section



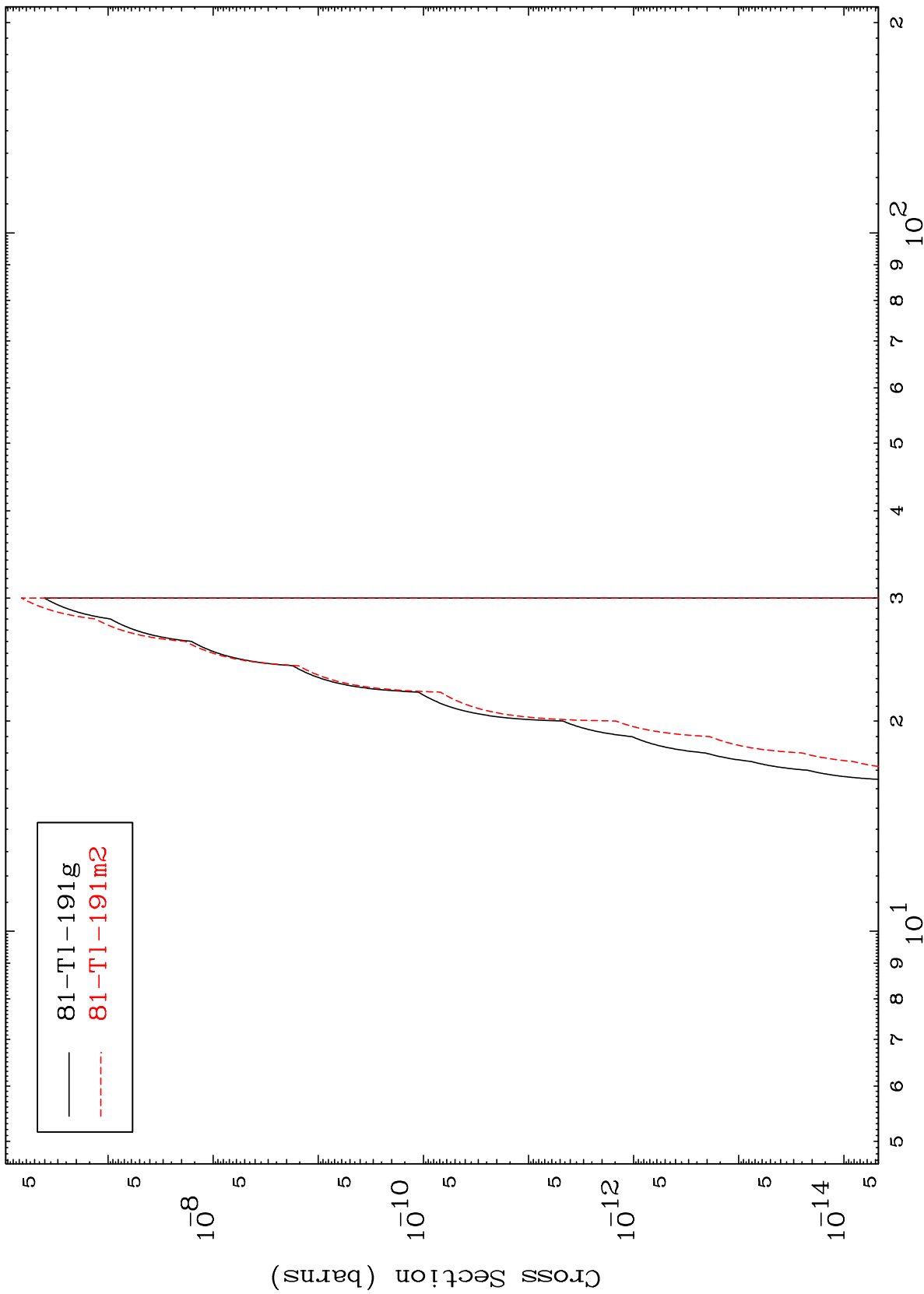
83-Bi-194g
83-Bi-194m1
83-Bi-194m2

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(n,n') p α

84-Po-197

Radionuclide Production Cross Section

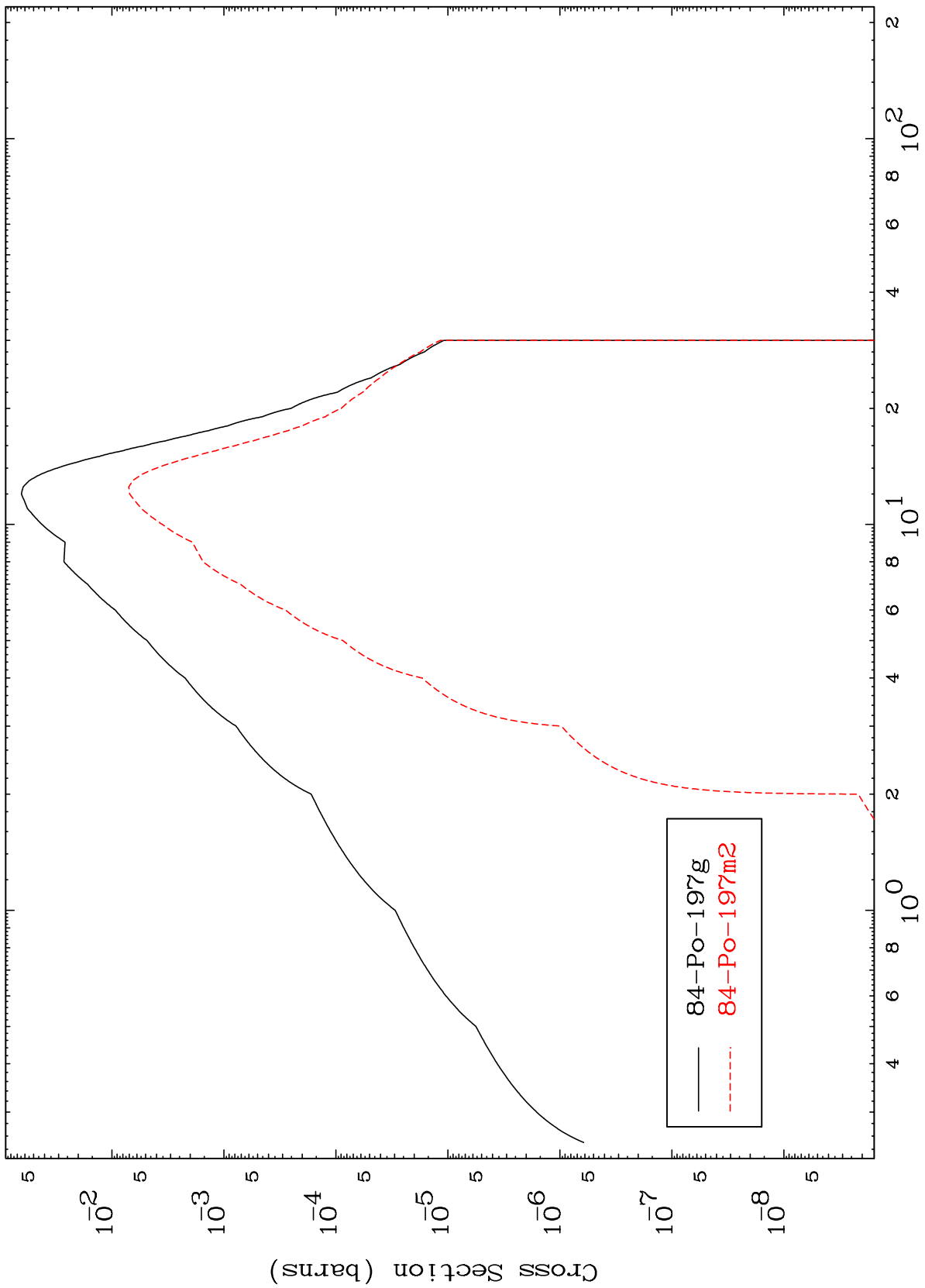


19

Incident Energy (MeV)

84-Po-197

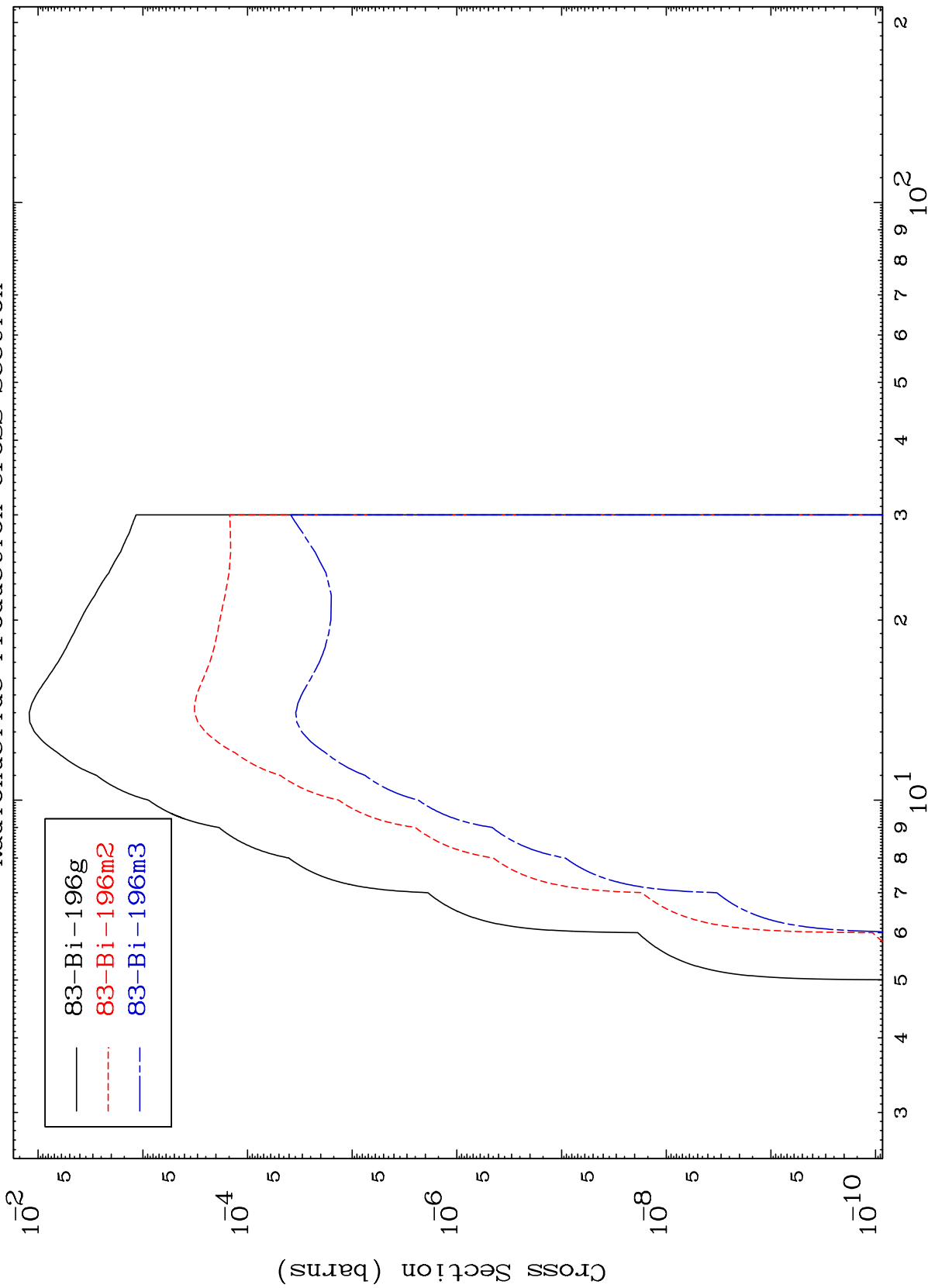
(n,γ)
Radionuclide Production Cross Section



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84-Po-197

(n,p)
Radionuclide Production Cross Section



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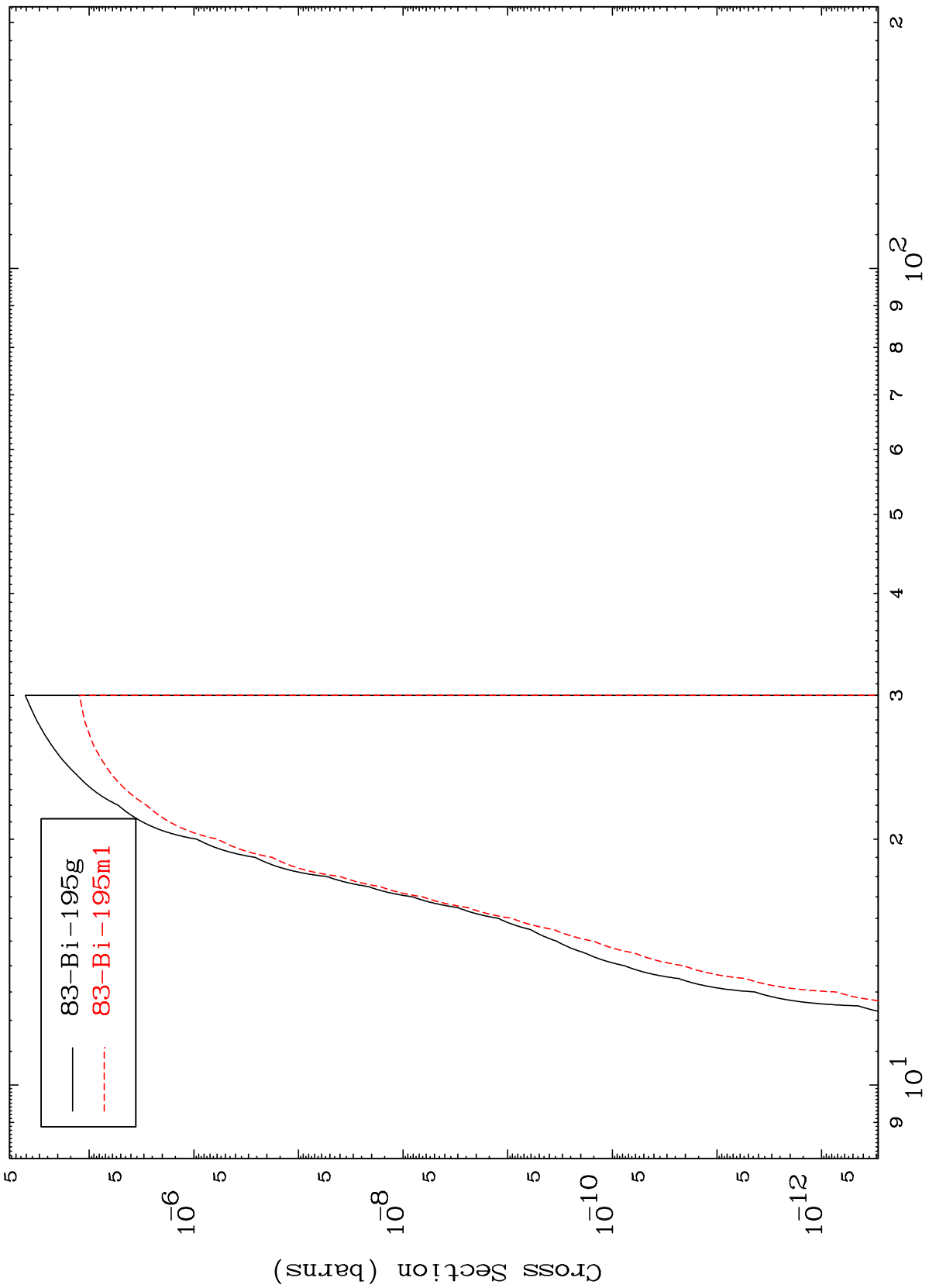
Incident Energy (MeV)

84-Po-197

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84-Po-197

(n,d)
Radionuclide Production Cross Section



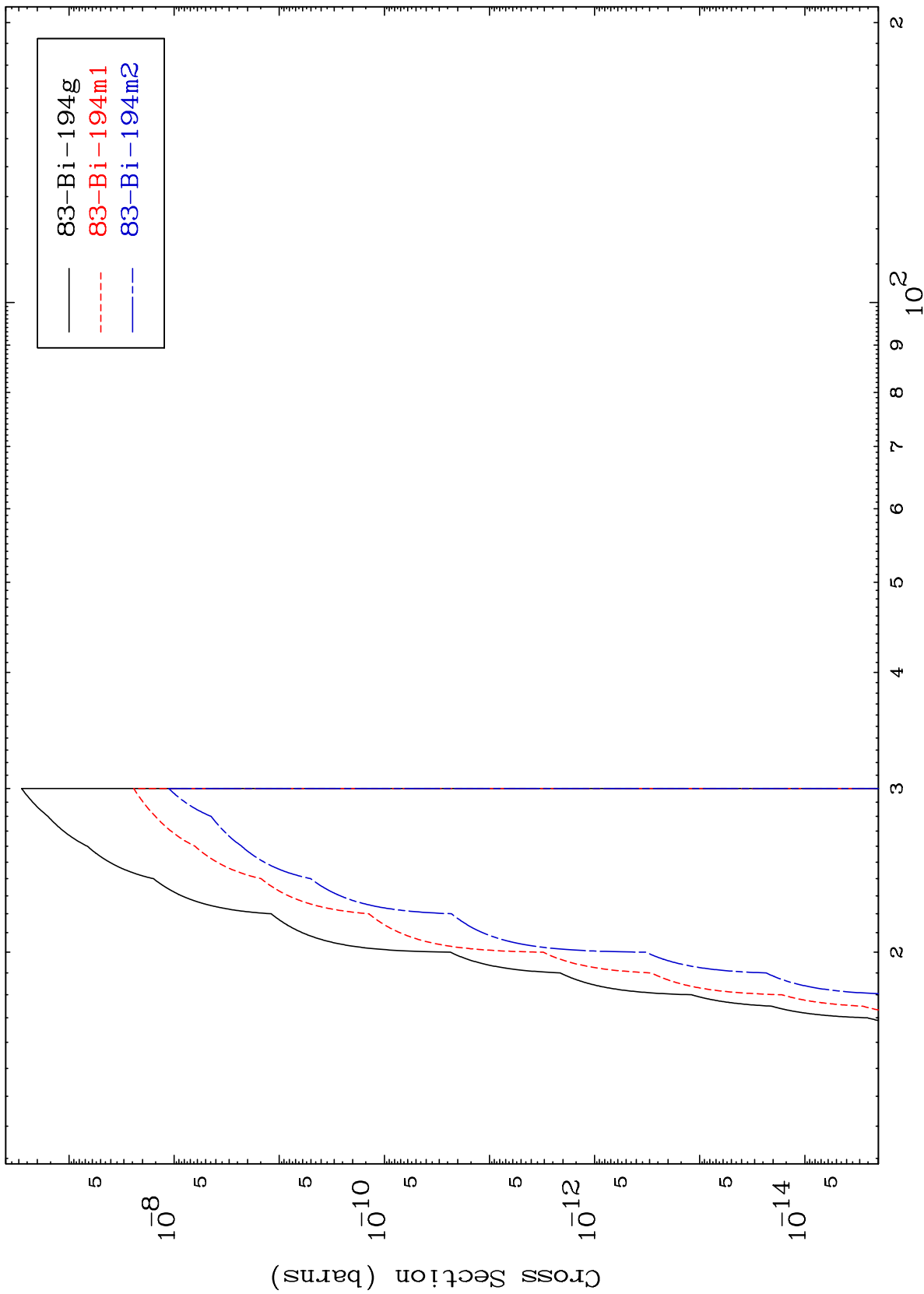
83-Bi-195g
83-Bi-195m1

84-Po-197

Incident Energy (MeV)

22

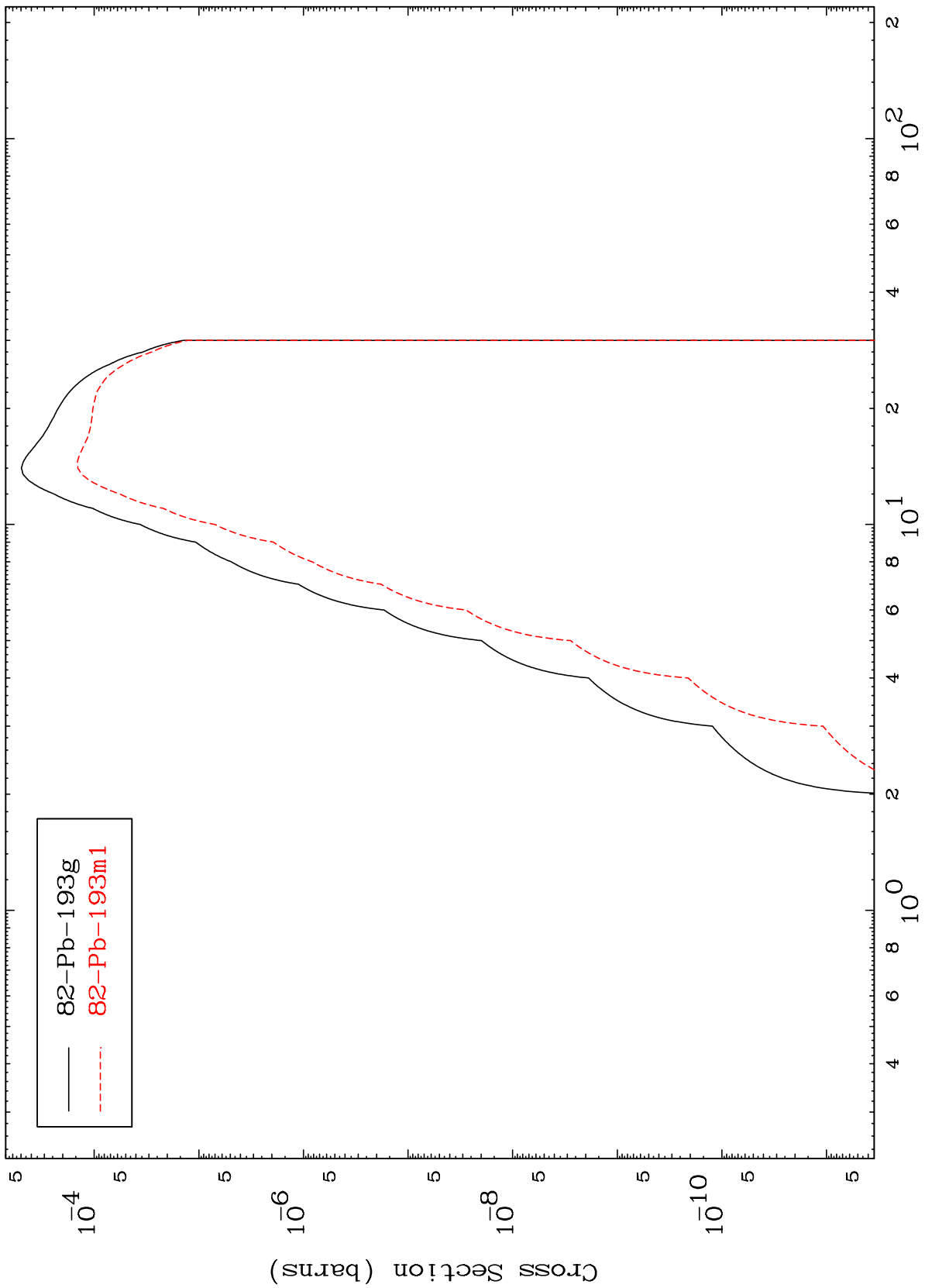
(n, t)
Radionuclide Production Cross Section



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84-Po-197

(n, α)
Radionuclide Production Cross Section



— 82-Pb-193g
- - - 82-Pb-193m1

24

Incident Energy (MeV)

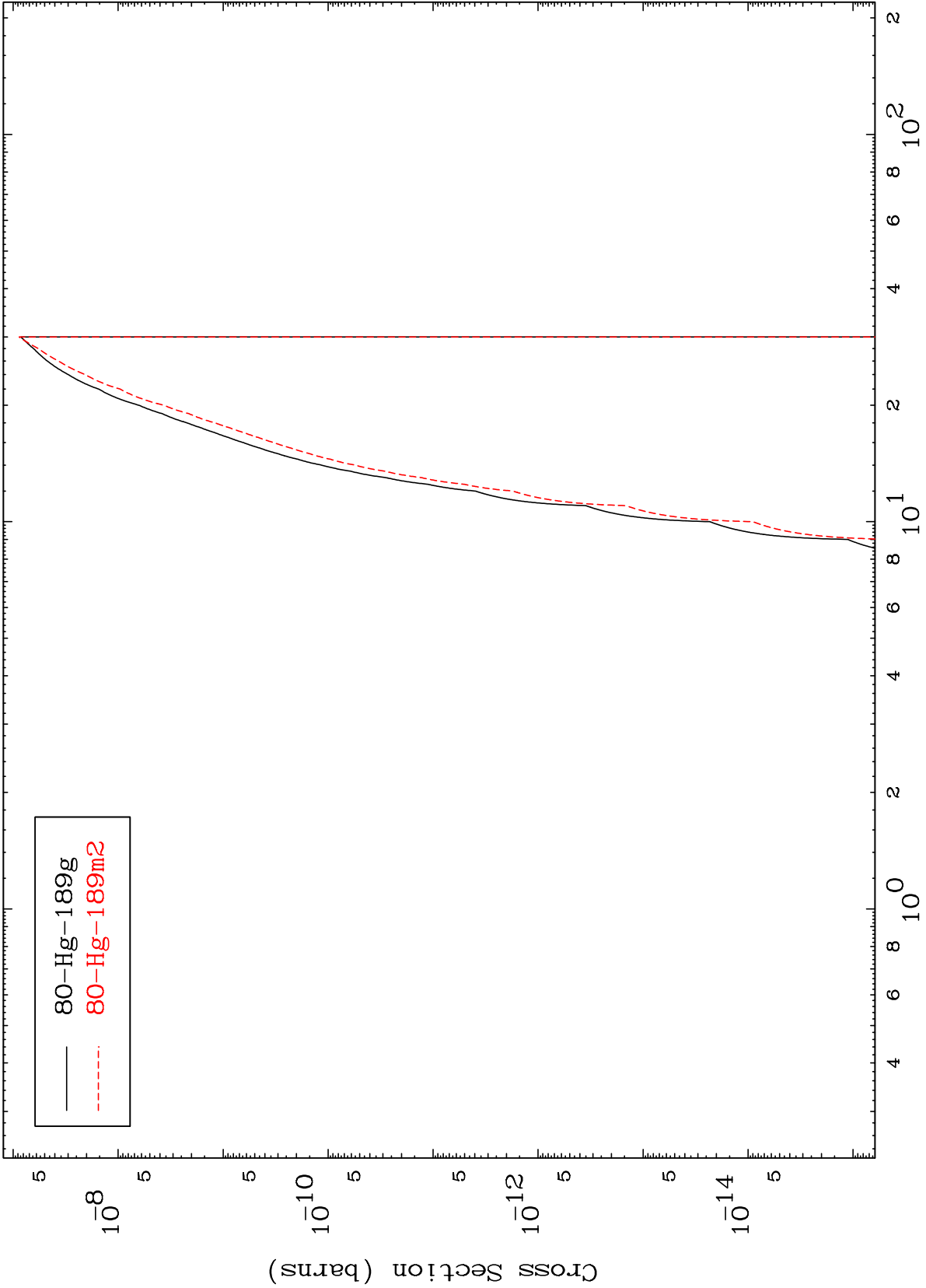
84-Po-197

MAT 8398

(n,2α)

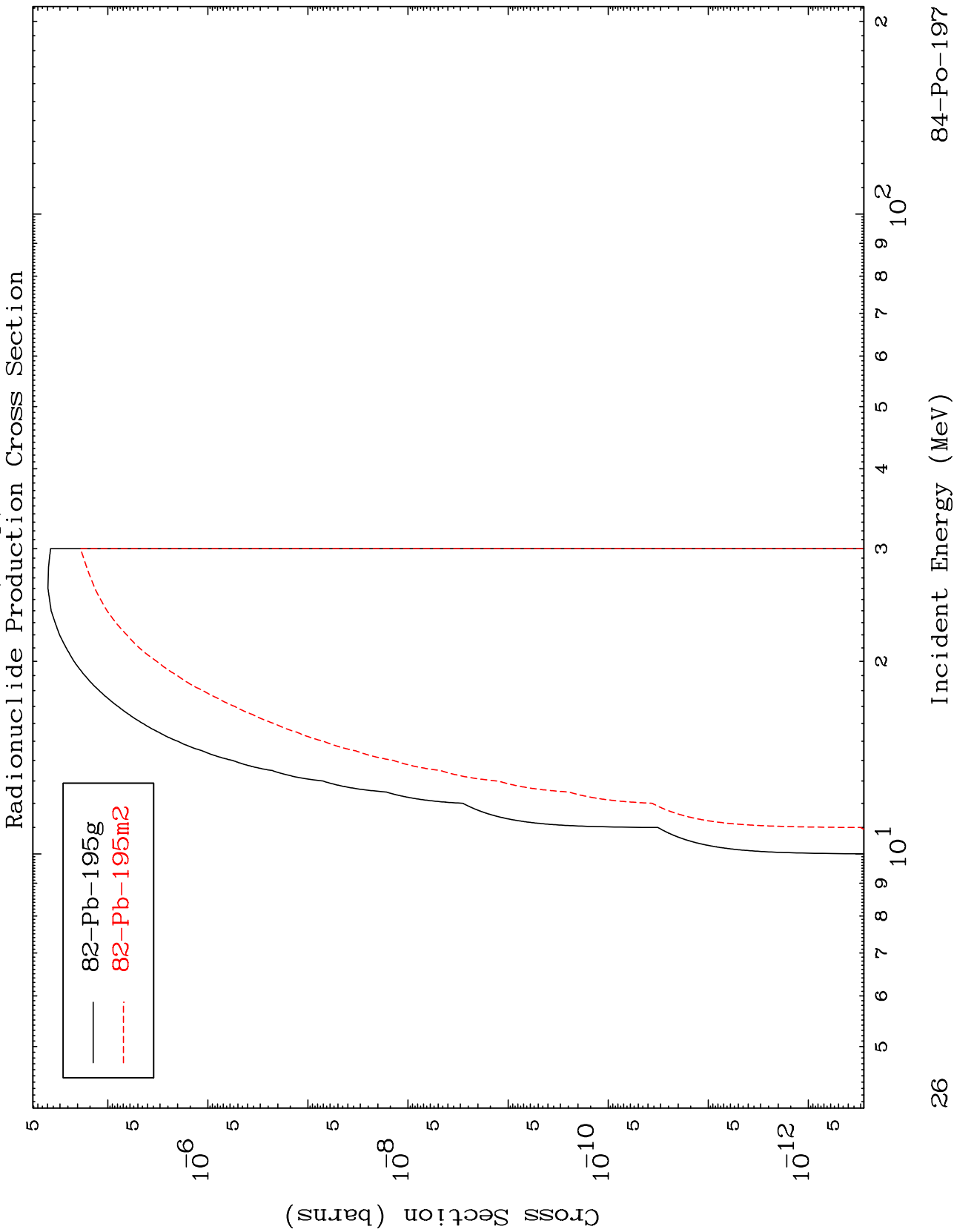
84-Po-197

Radionuclide Production Cross Section



MAT 8398

84-Po-197



Incident Energy (MeV)

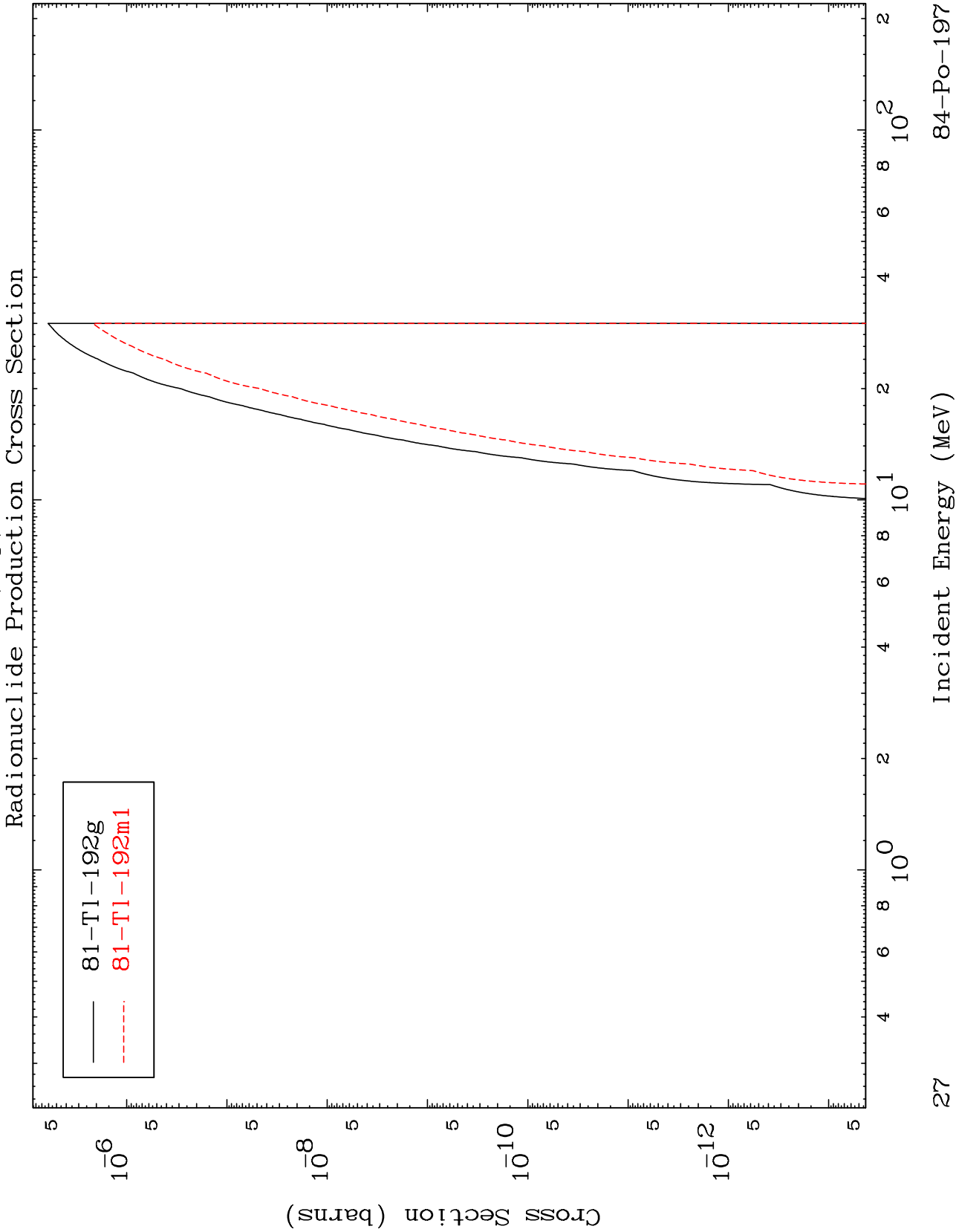
84-Po-197

26

MAT 8398

(n,p) α

84-Po-197

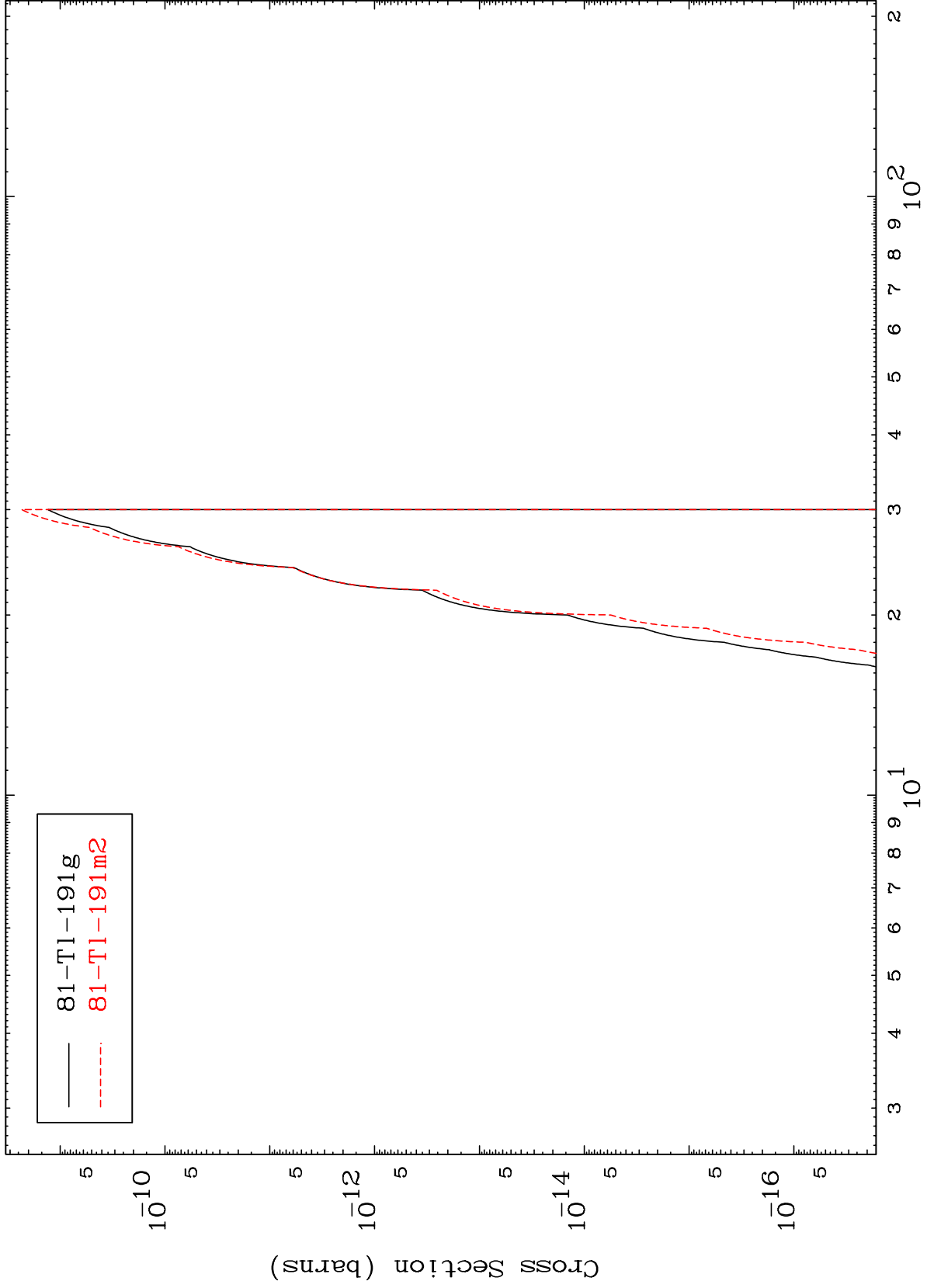


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(n,d) α

84-Po-197

Radionuclide Production Cross Section



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Incident Energy (MeV)

84-Po-197