

Program EVALPLOT
(Version 2017-1)

by

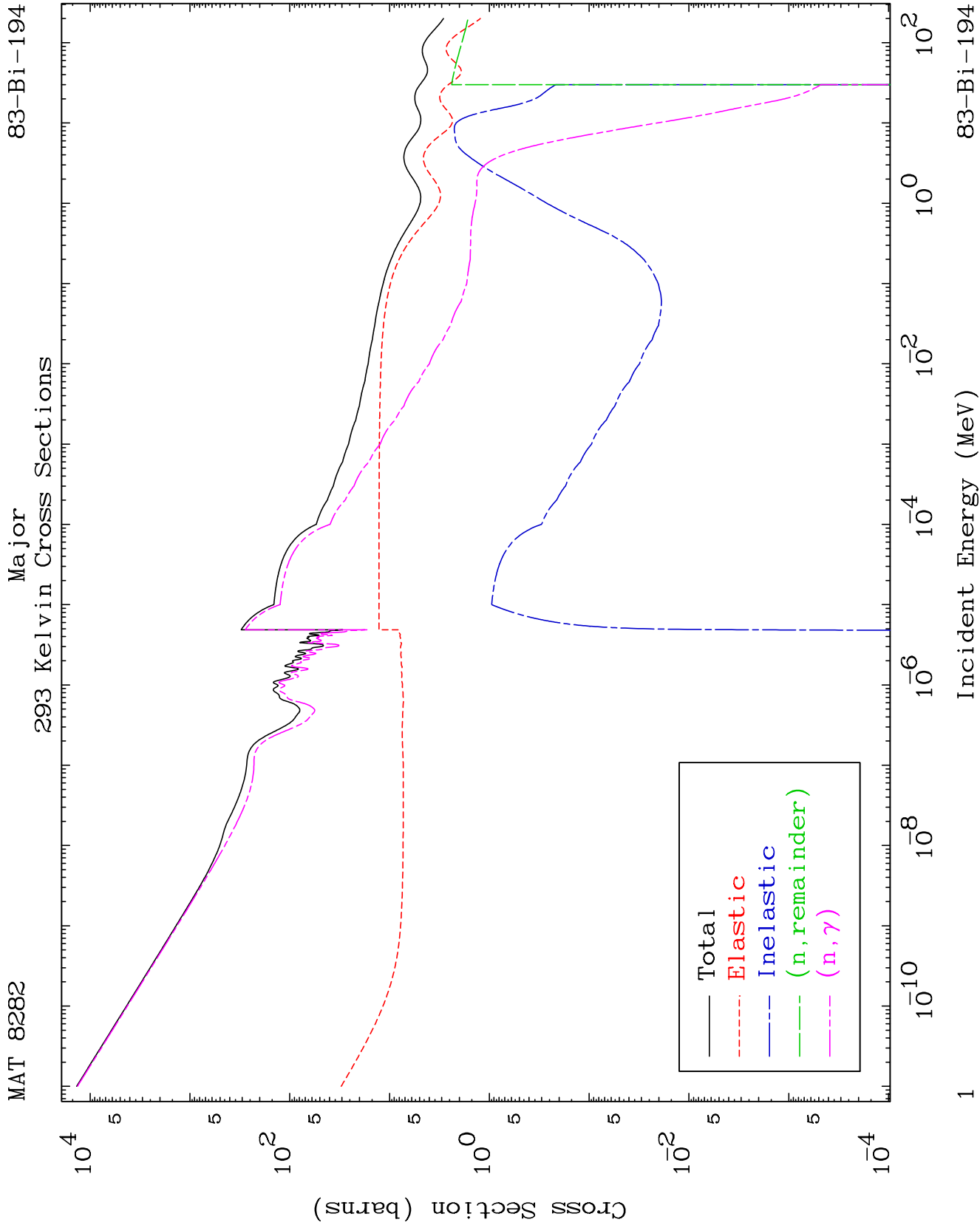
Dermott E. Cullen
(Present Contact Information)

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

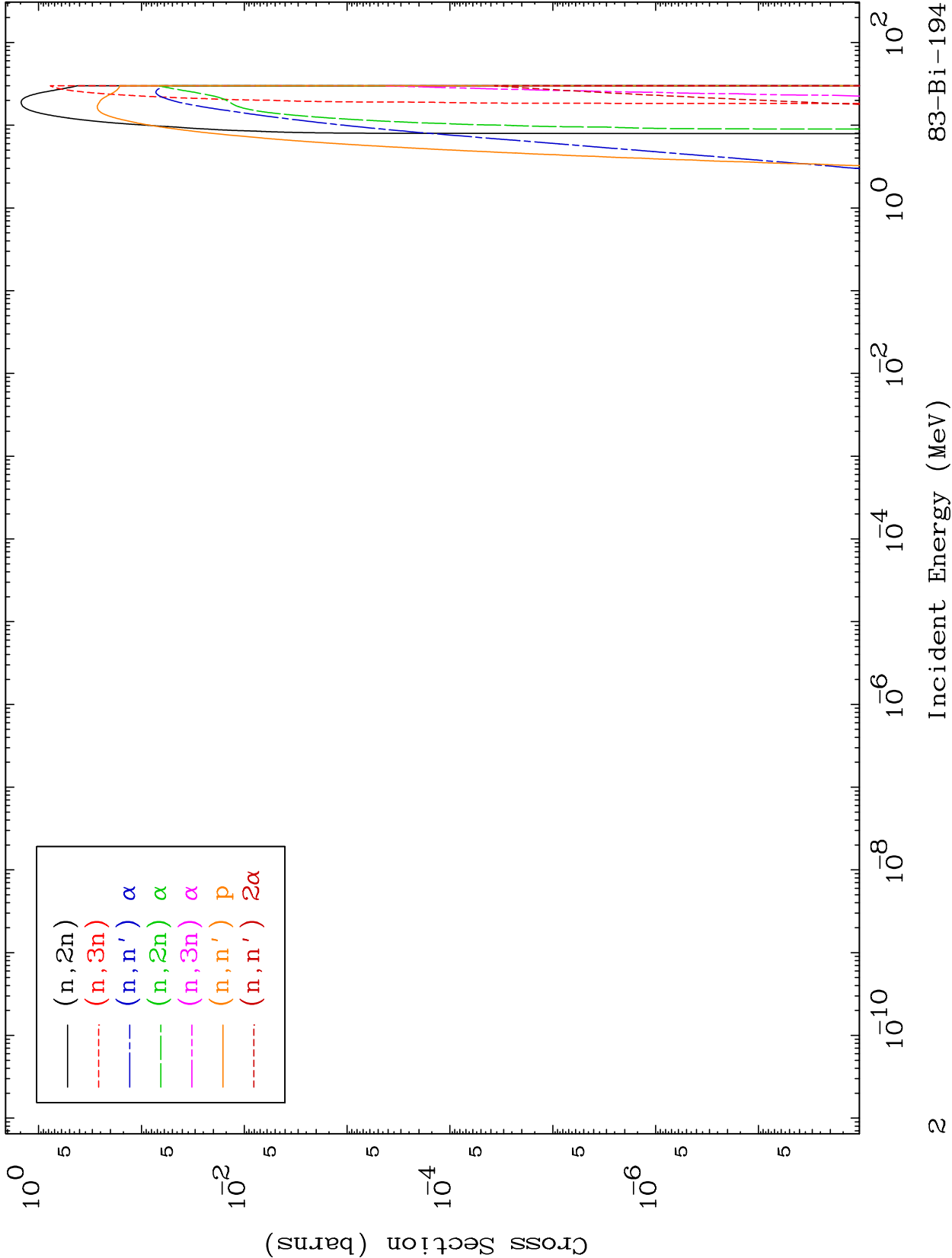
Press Mouse Button to Start

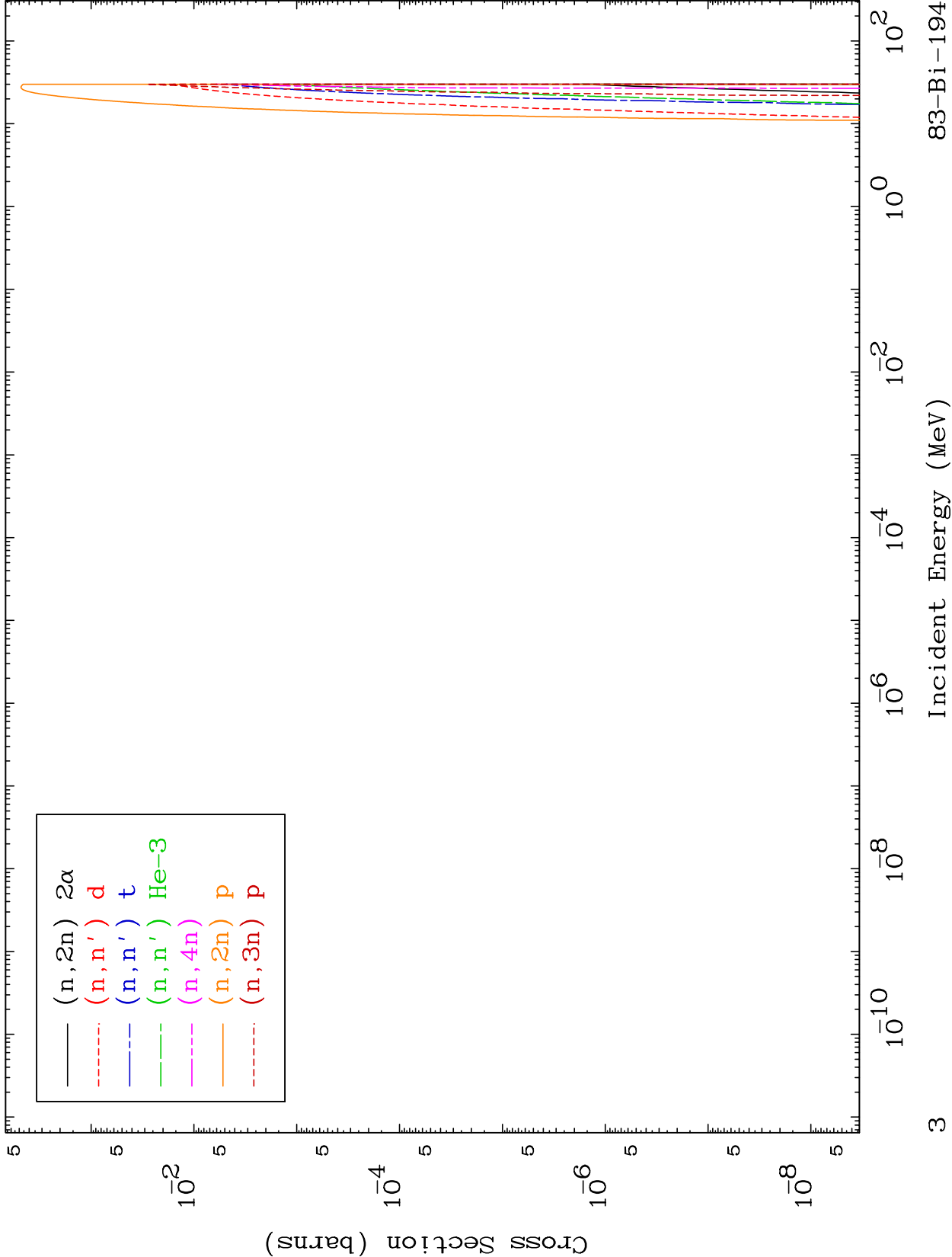


MAT 8282

Neutron Production
293 Kelvin Cross Sections

83-Bi-194

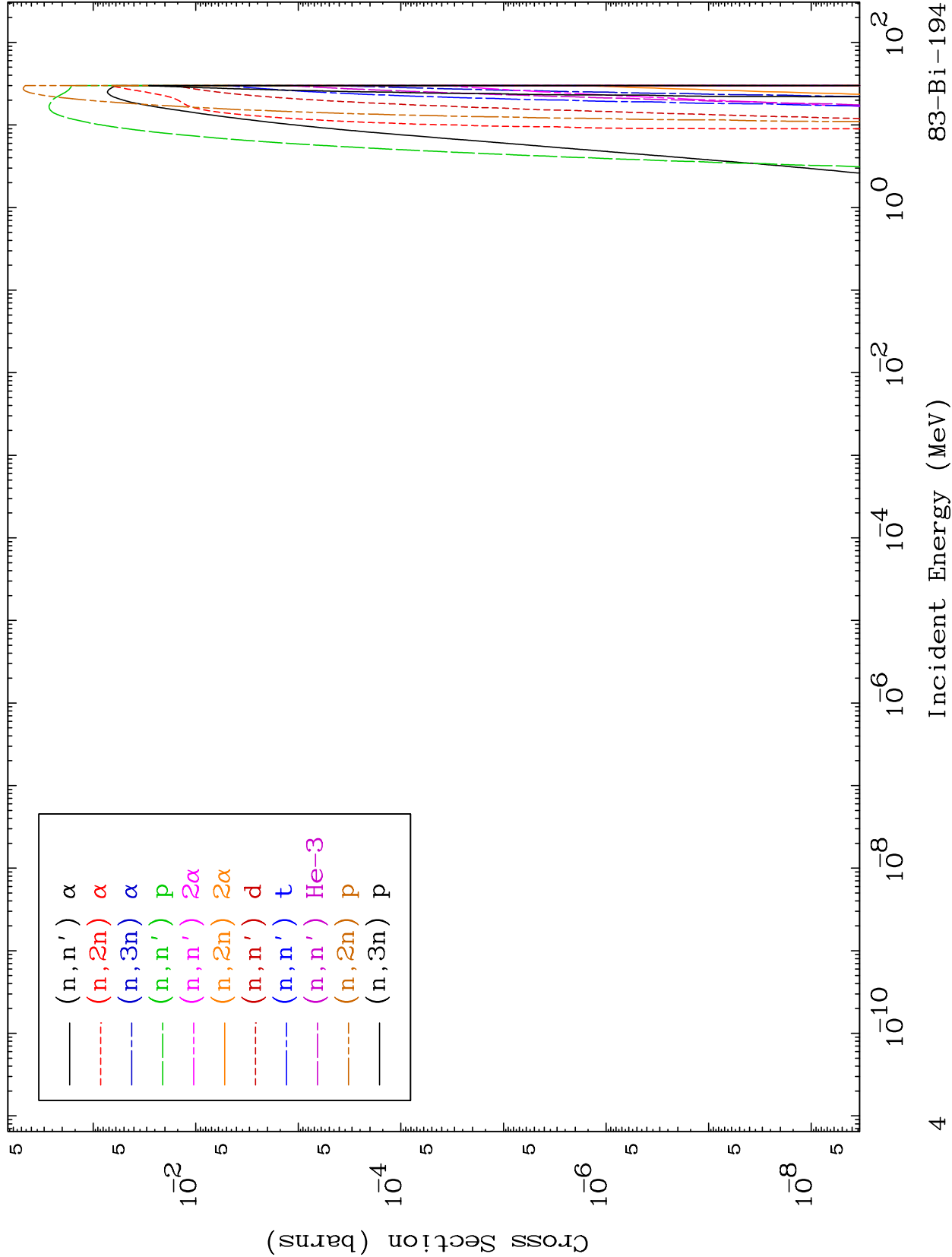


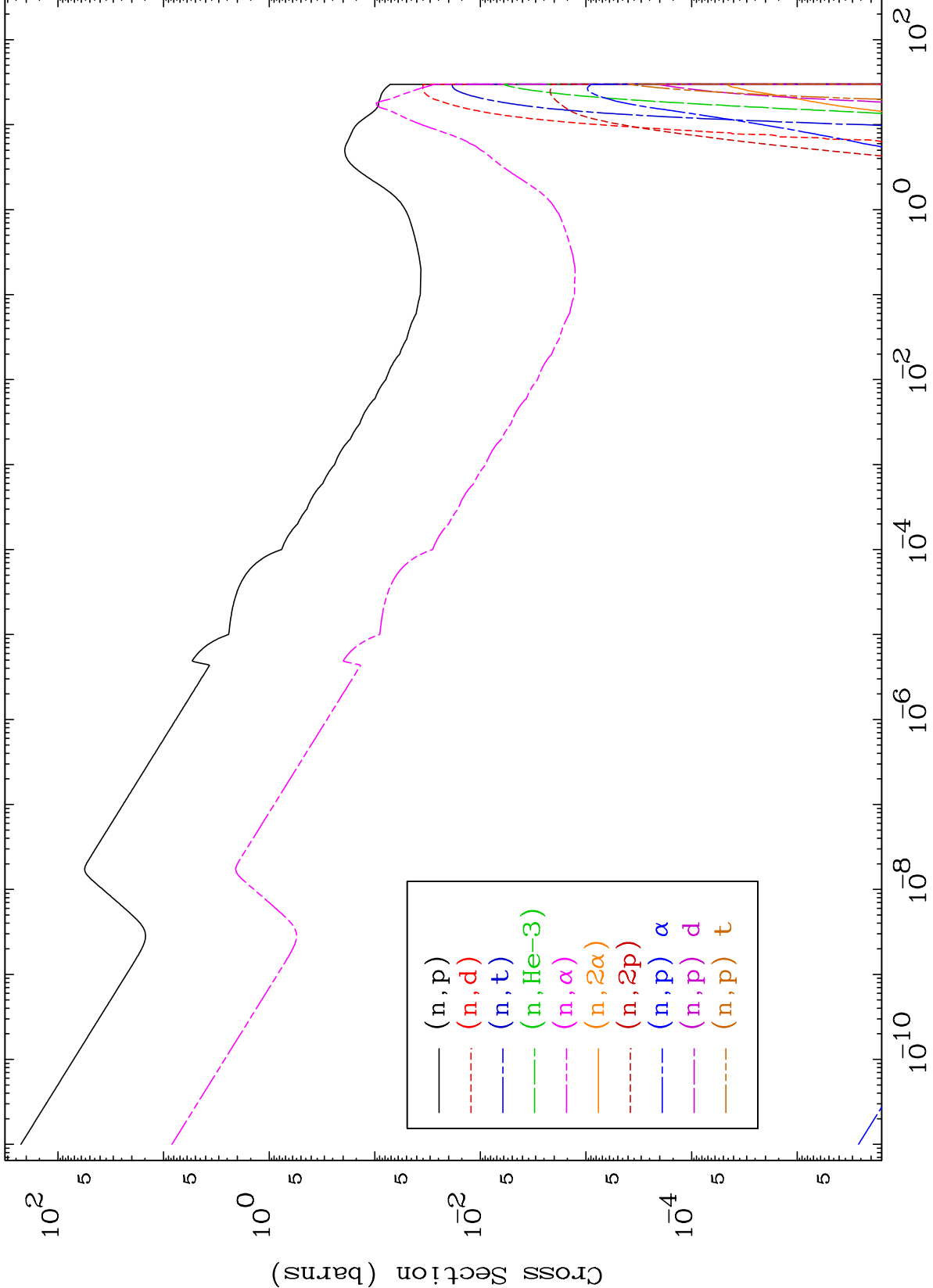


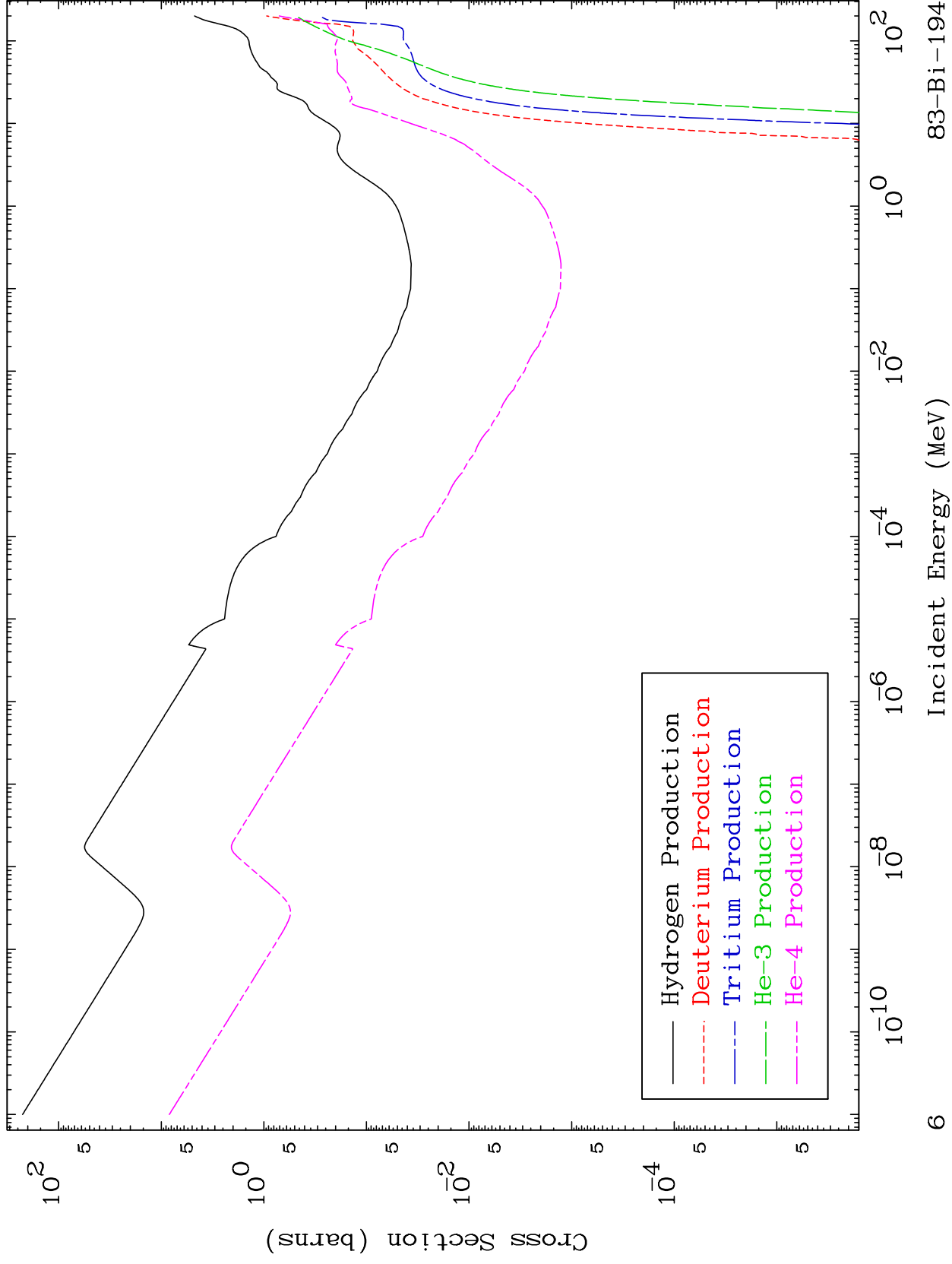
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Charged Particle
293 Kelvin Cross Sections

83-Bi-194



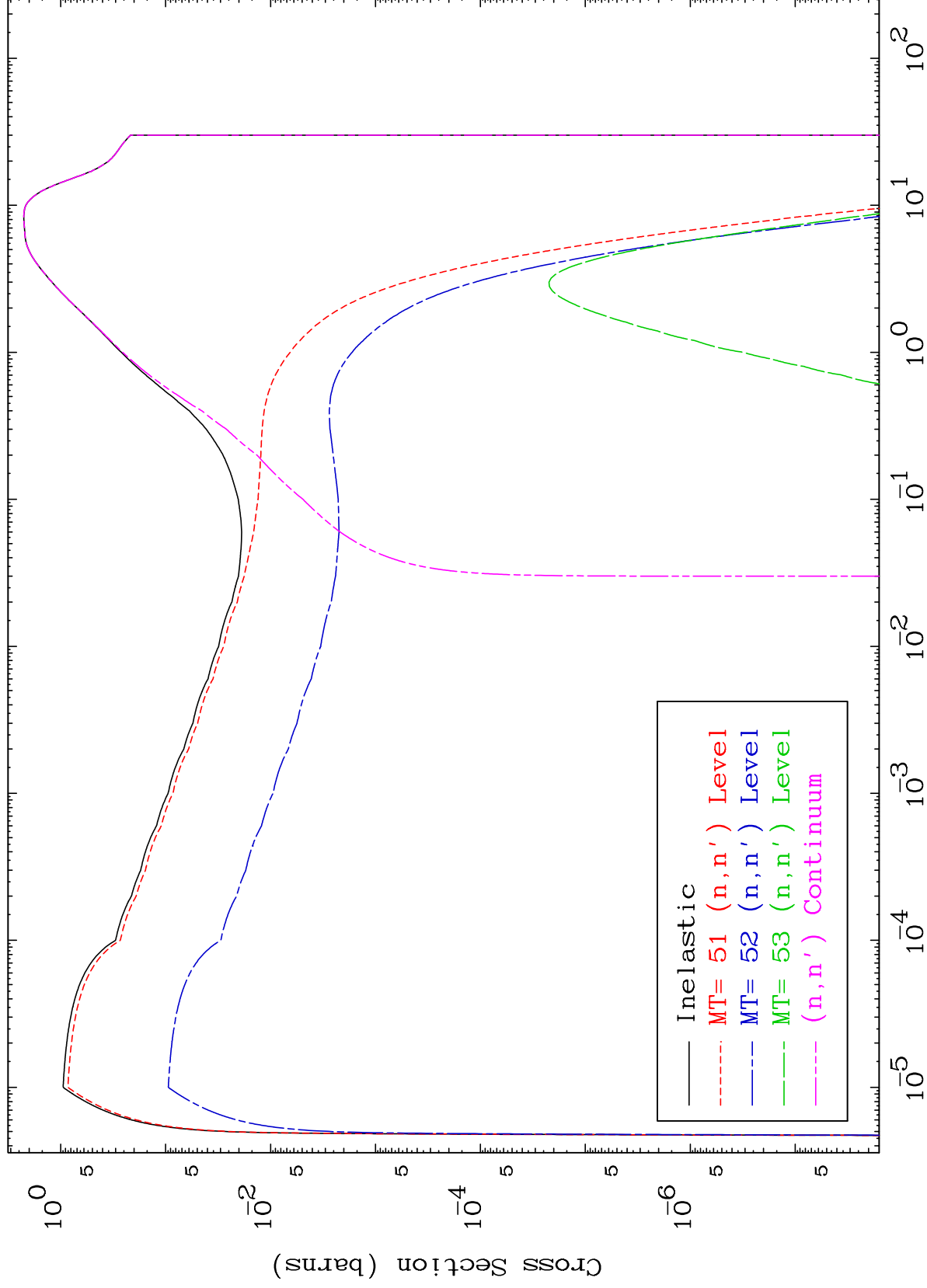




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83-Bi-194

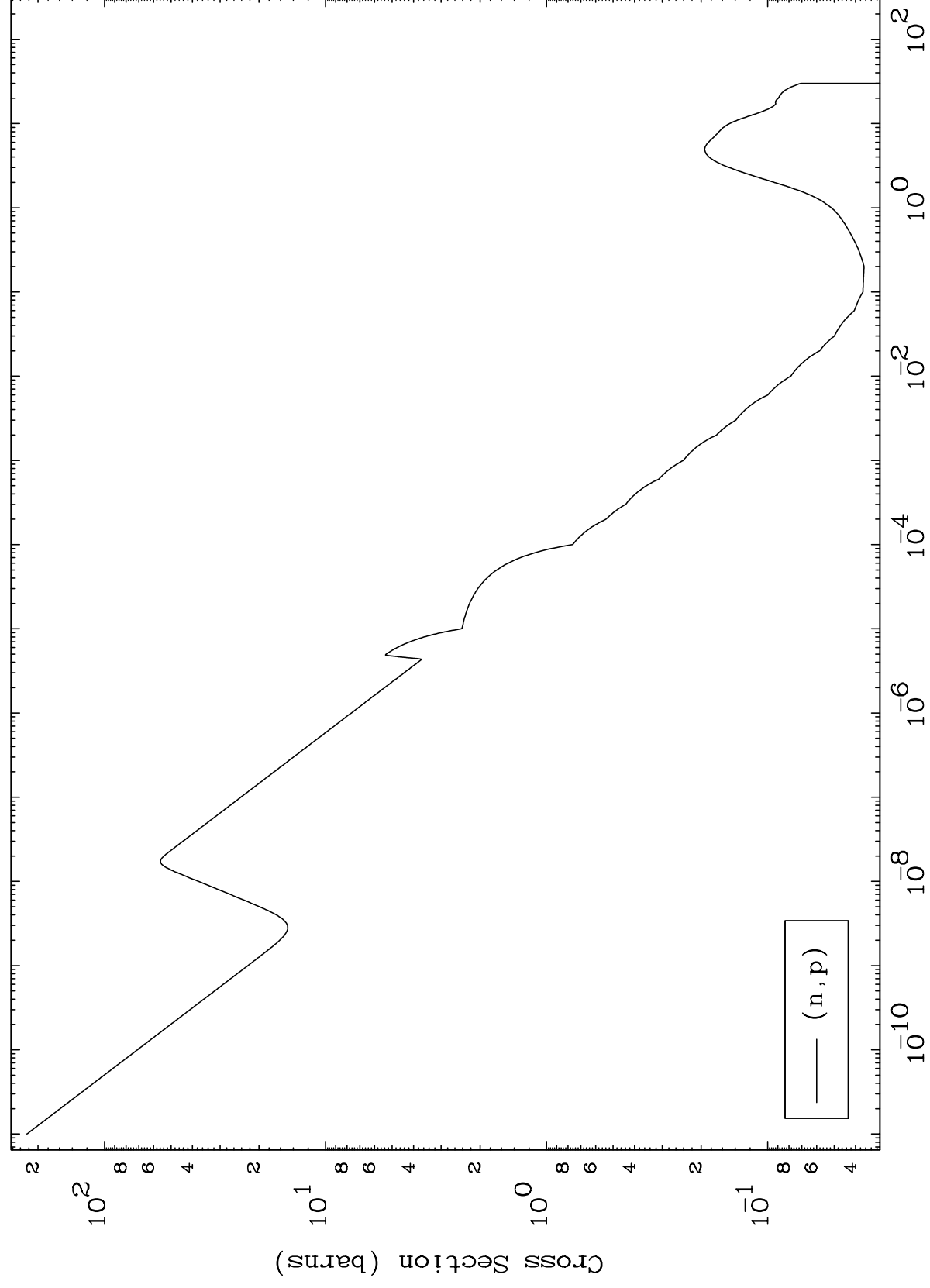
(n,n') Level
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

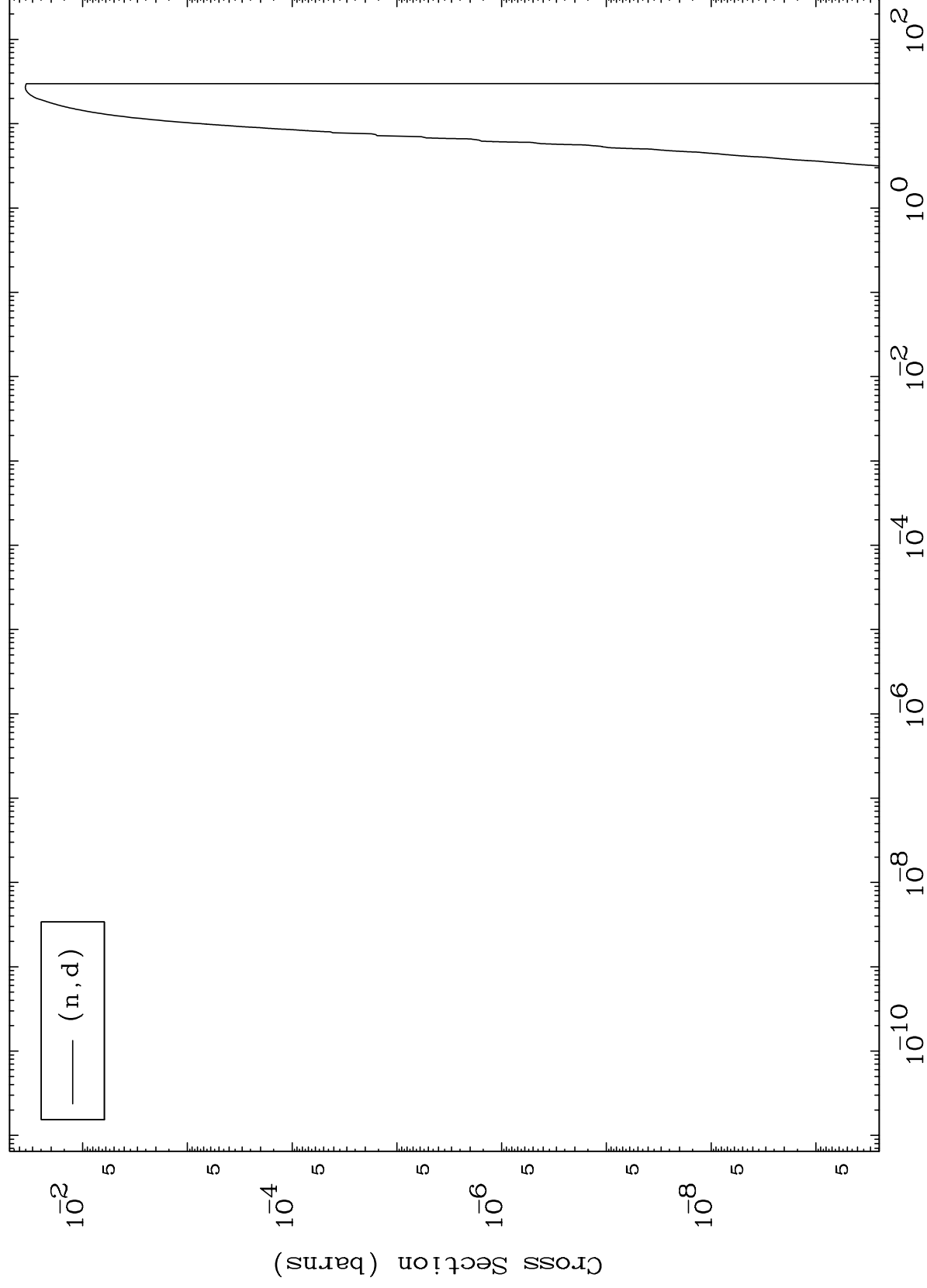
83-Bi-194



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(n,d) Levels
293 Kelvin Cross Sections

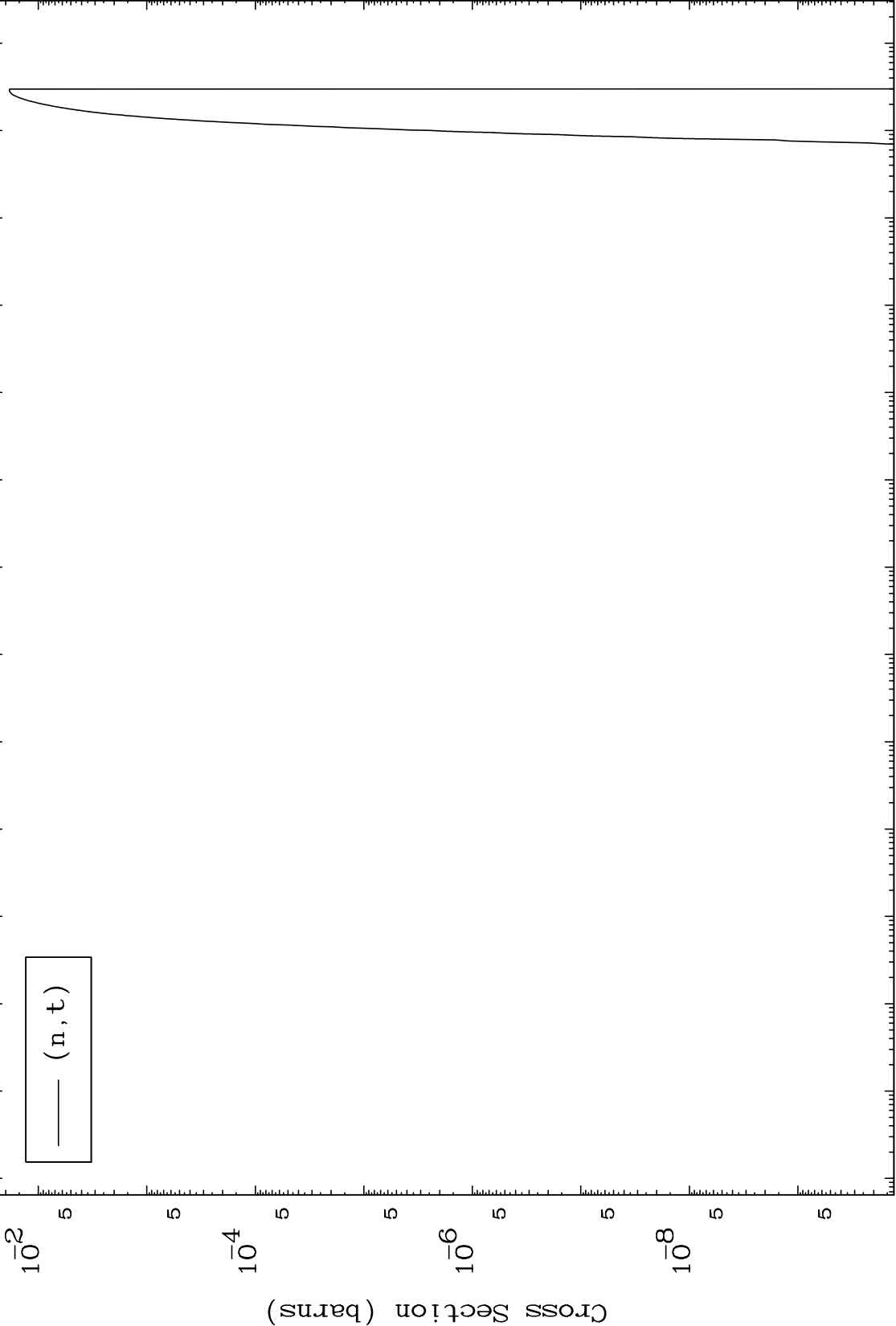
83-Bi-194



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(n,t) Levels
293 Kelvin Cross Sections

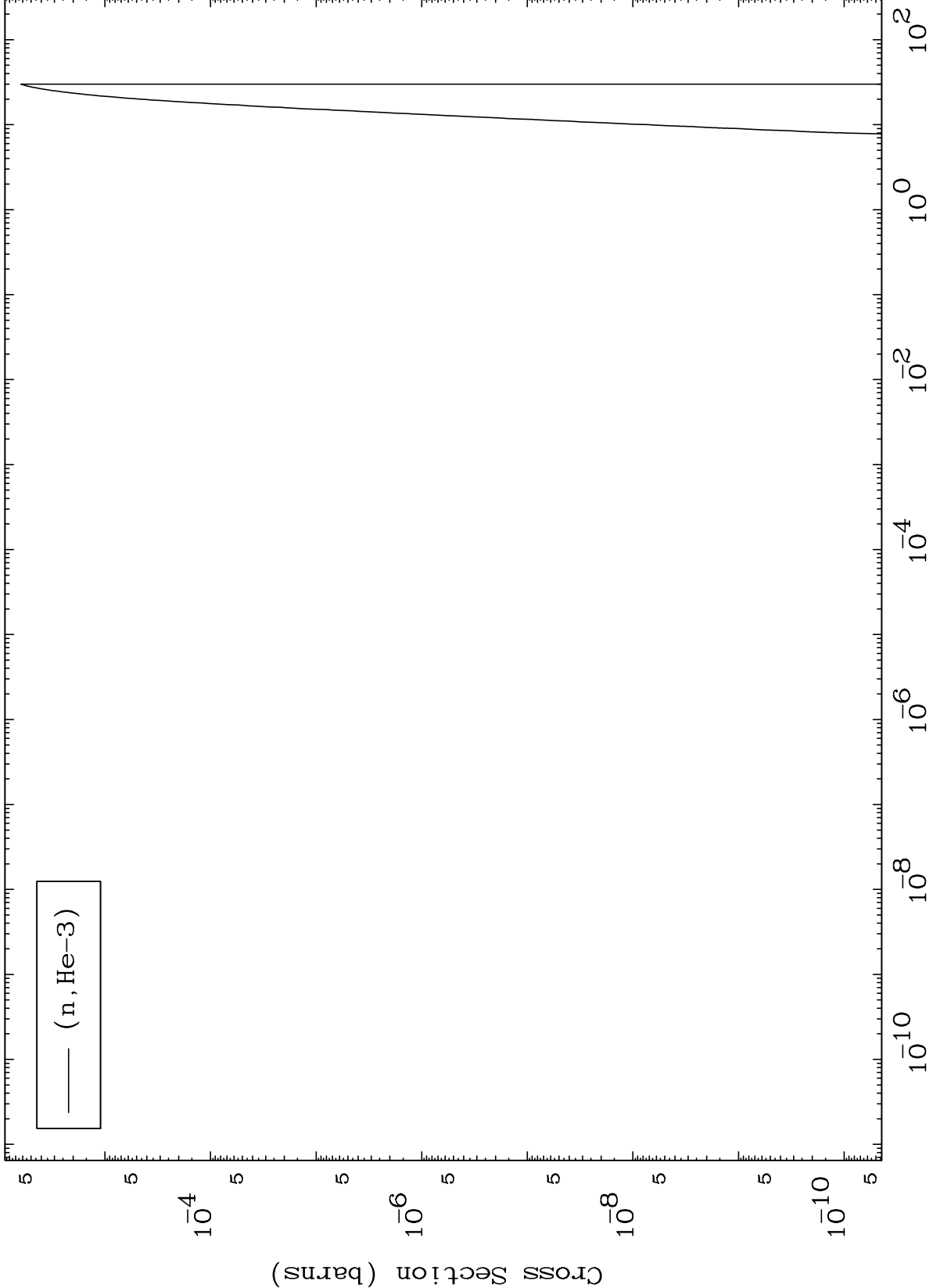
83-Bi-194



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Incident Energy (MeV)

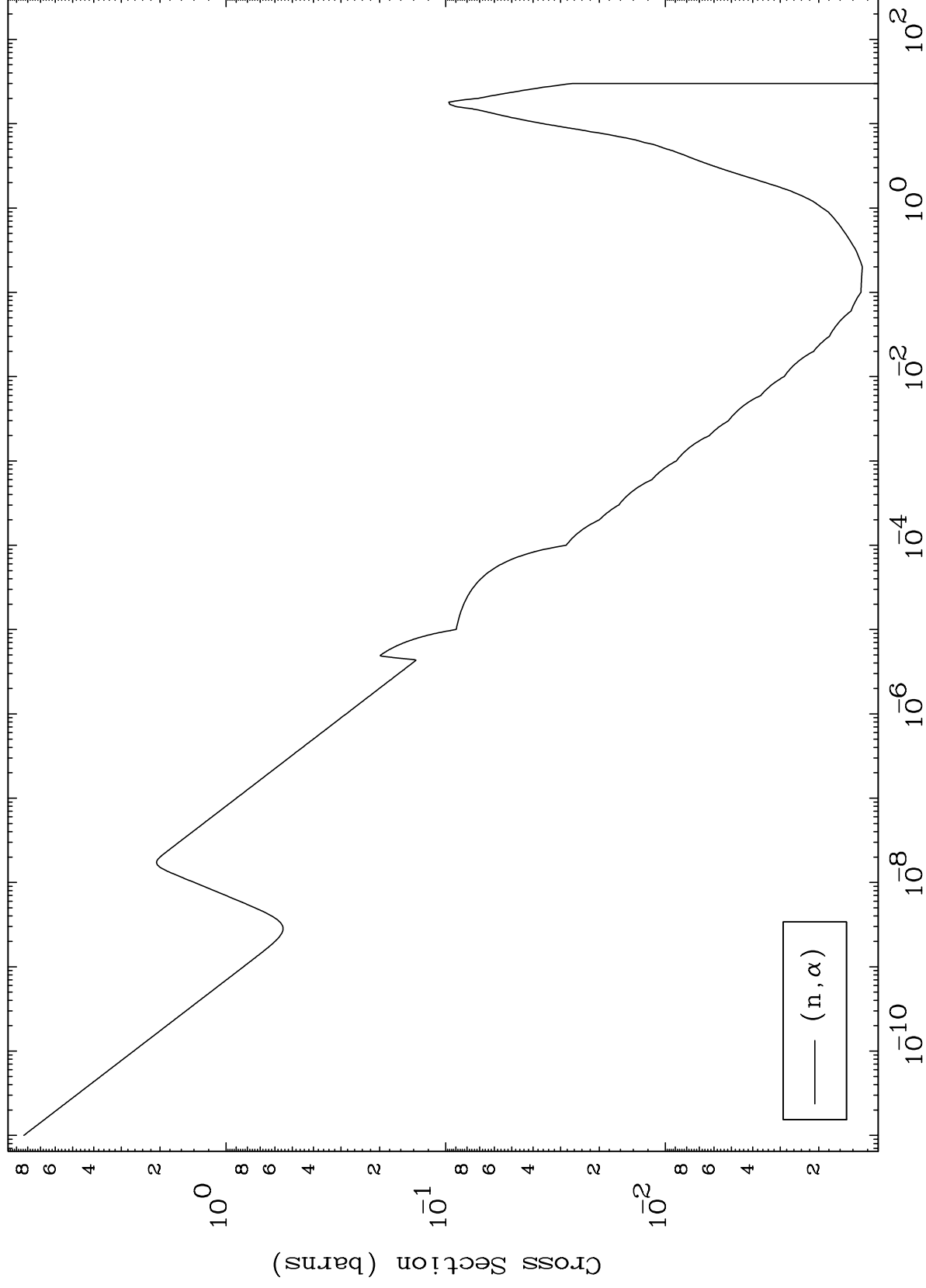
83-Bi-194



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83-Bi-194

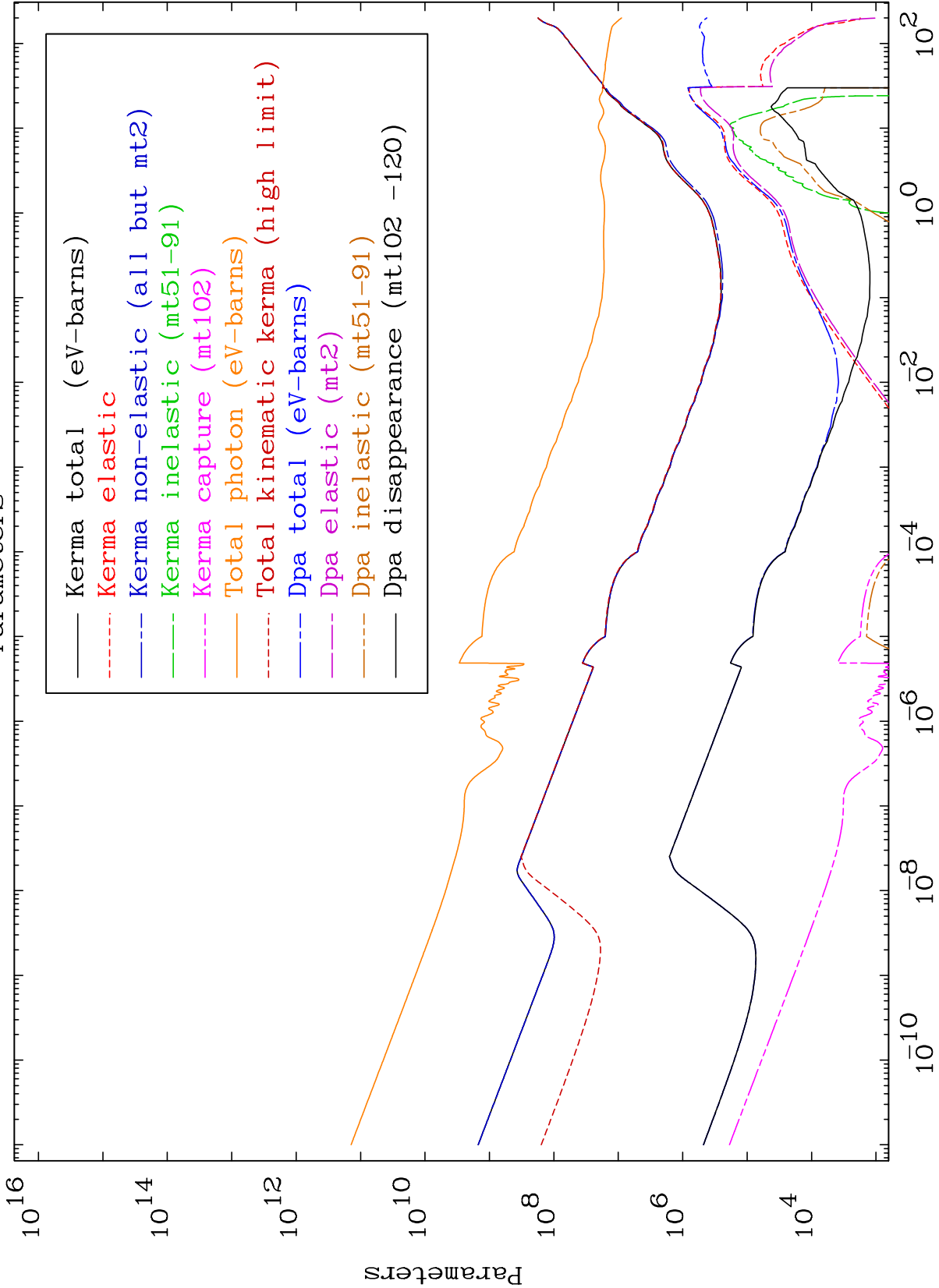
(n, α) Levels
293 Kelvin Cross Sections

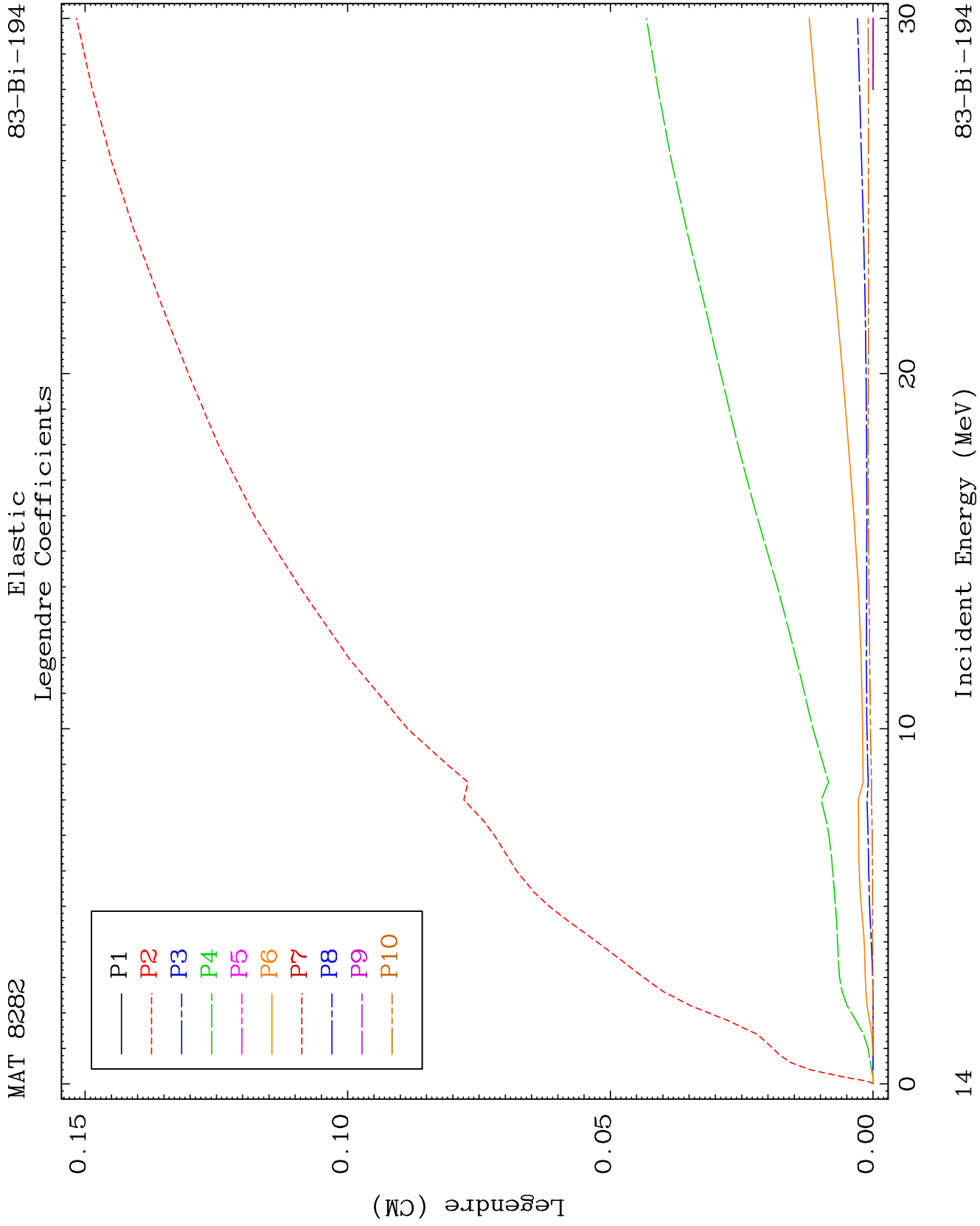


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Incident Energy (MeV)

83-Bi-194

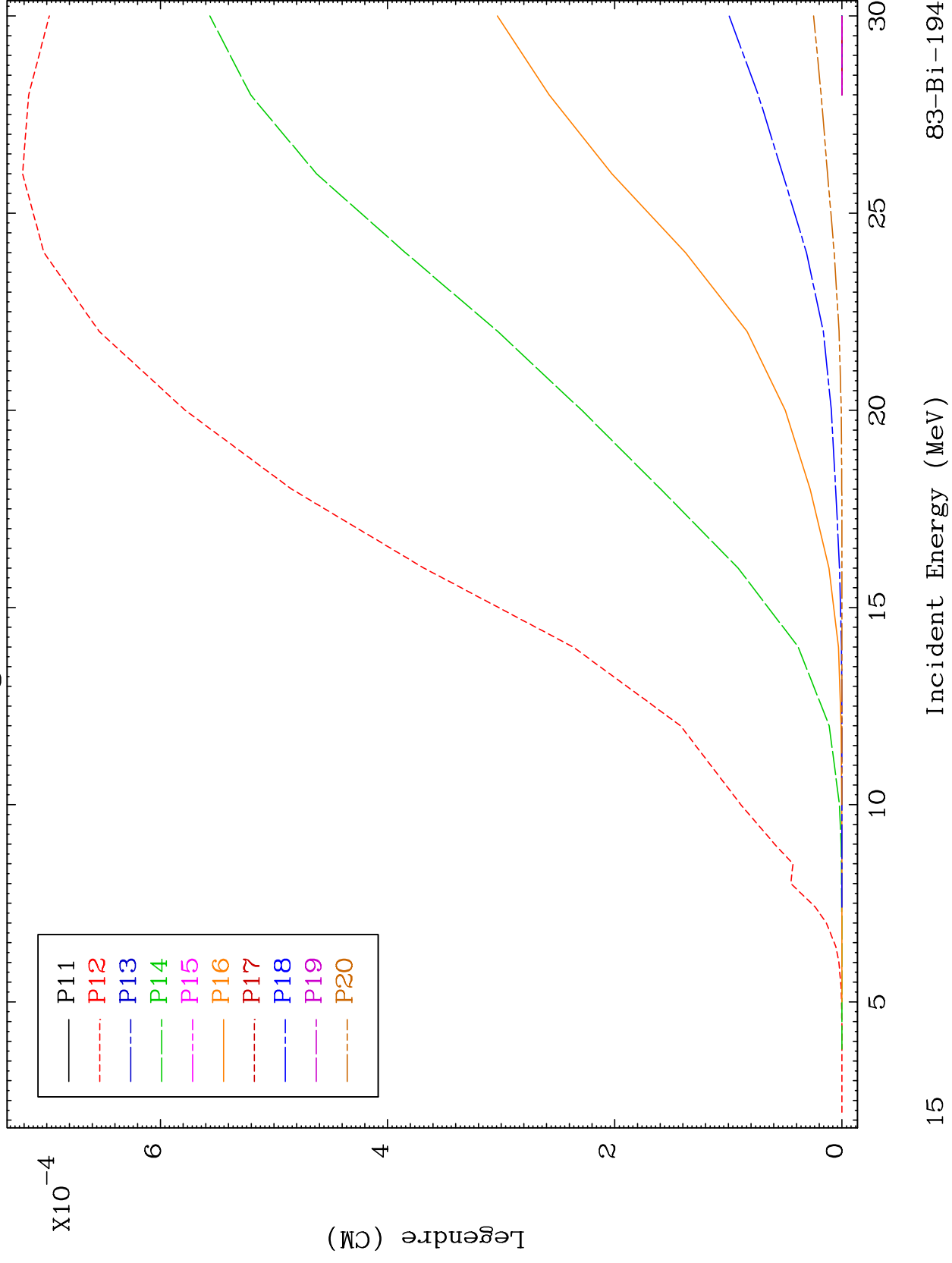


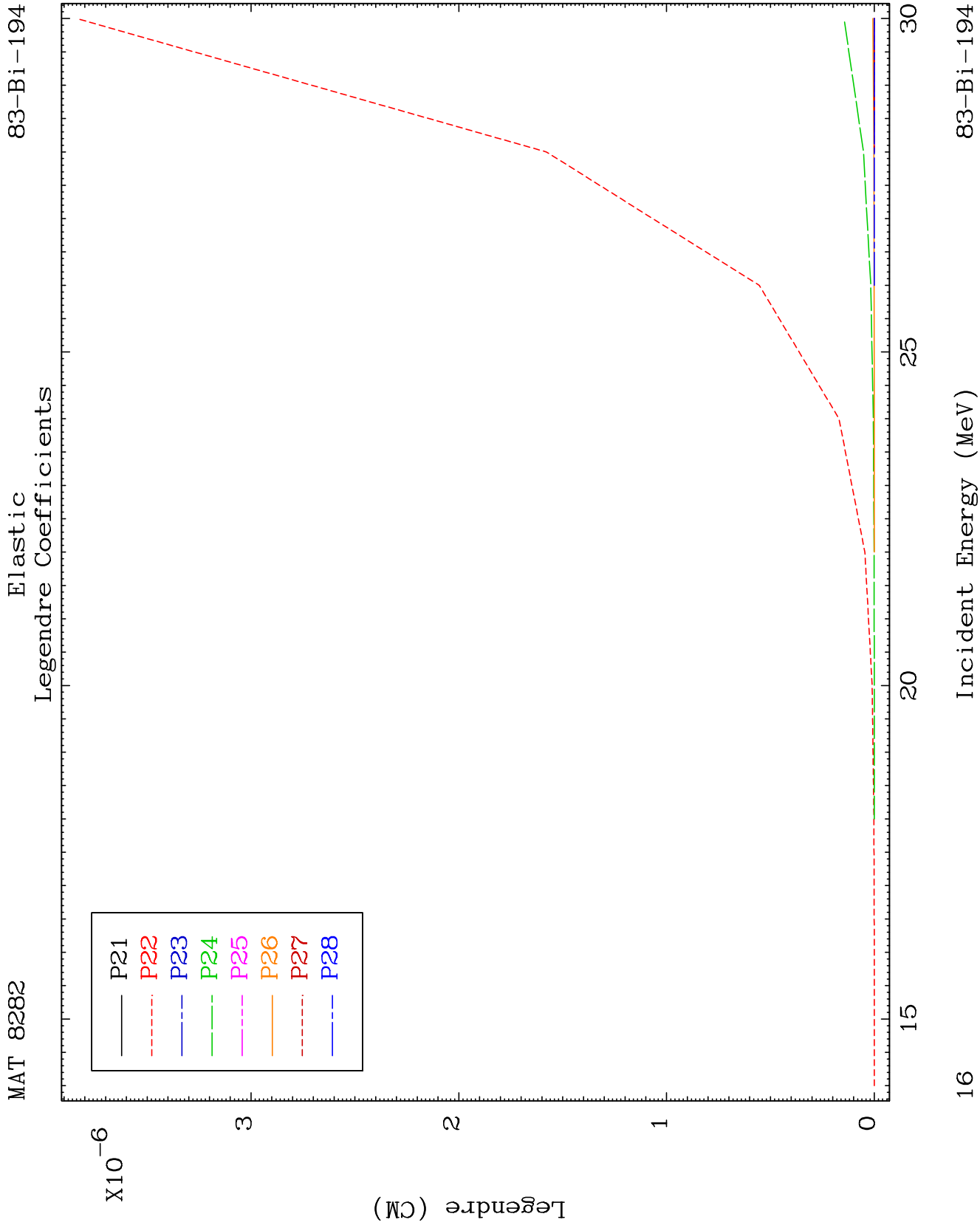


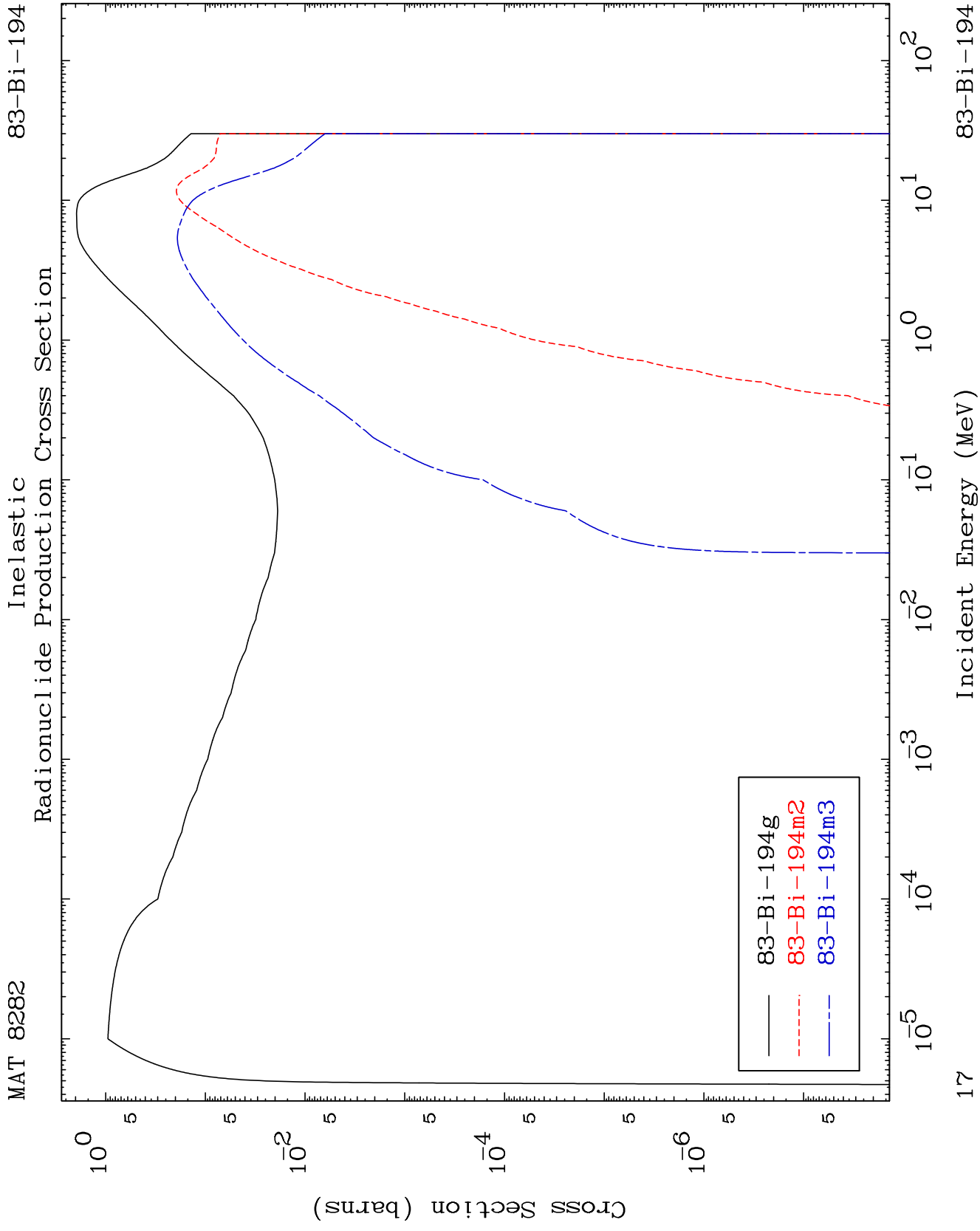
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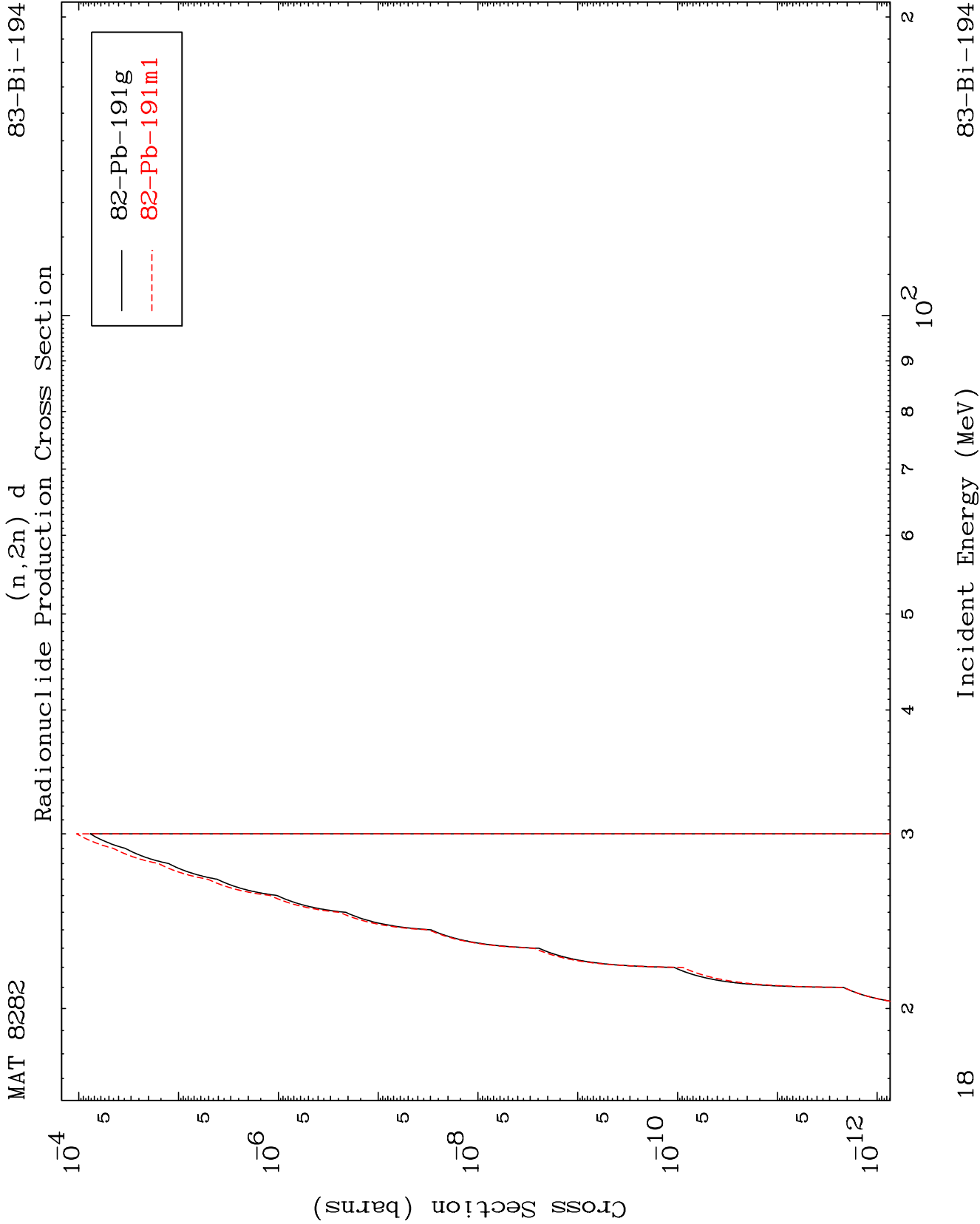
Elastic Legendre Coefficients

83-Bi-194

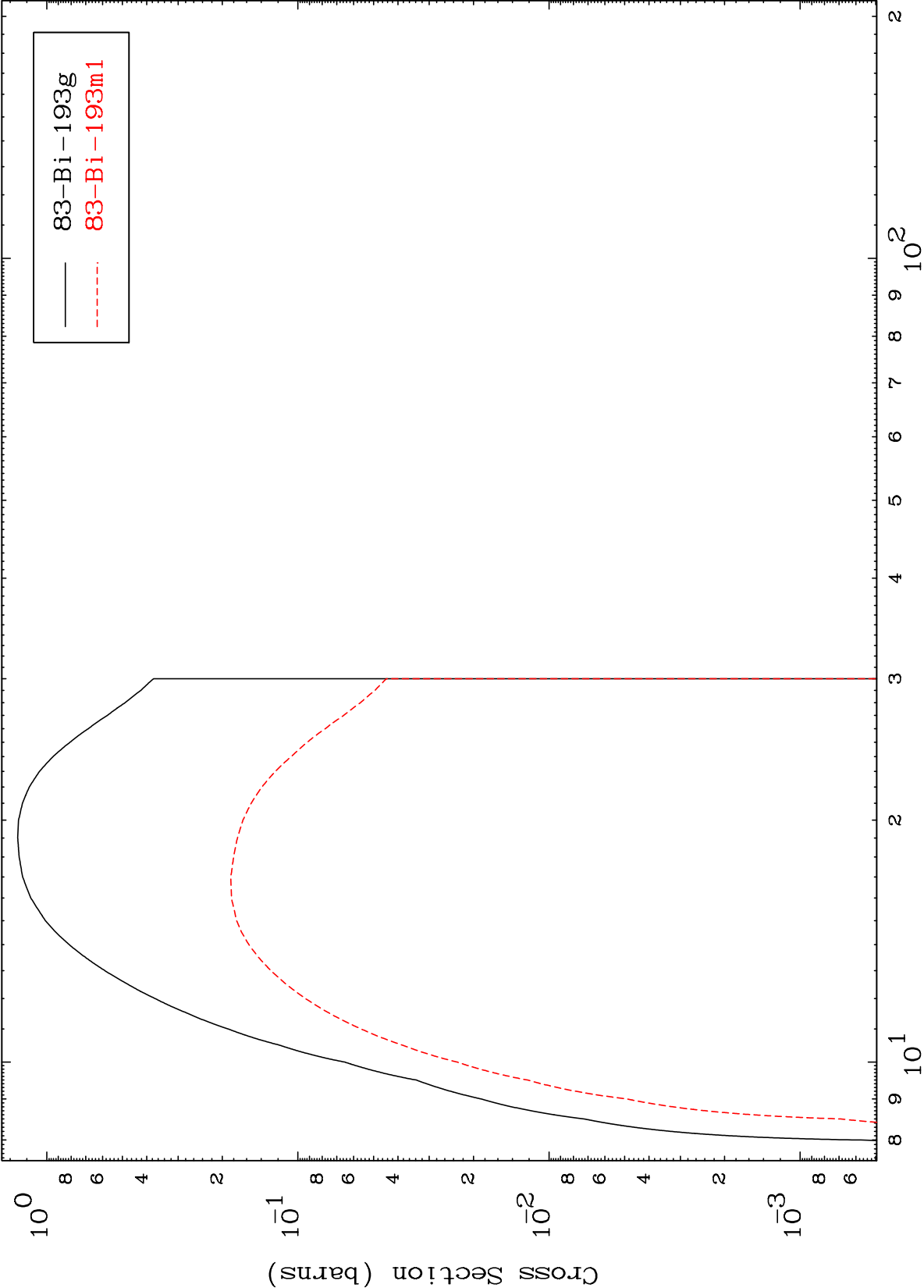




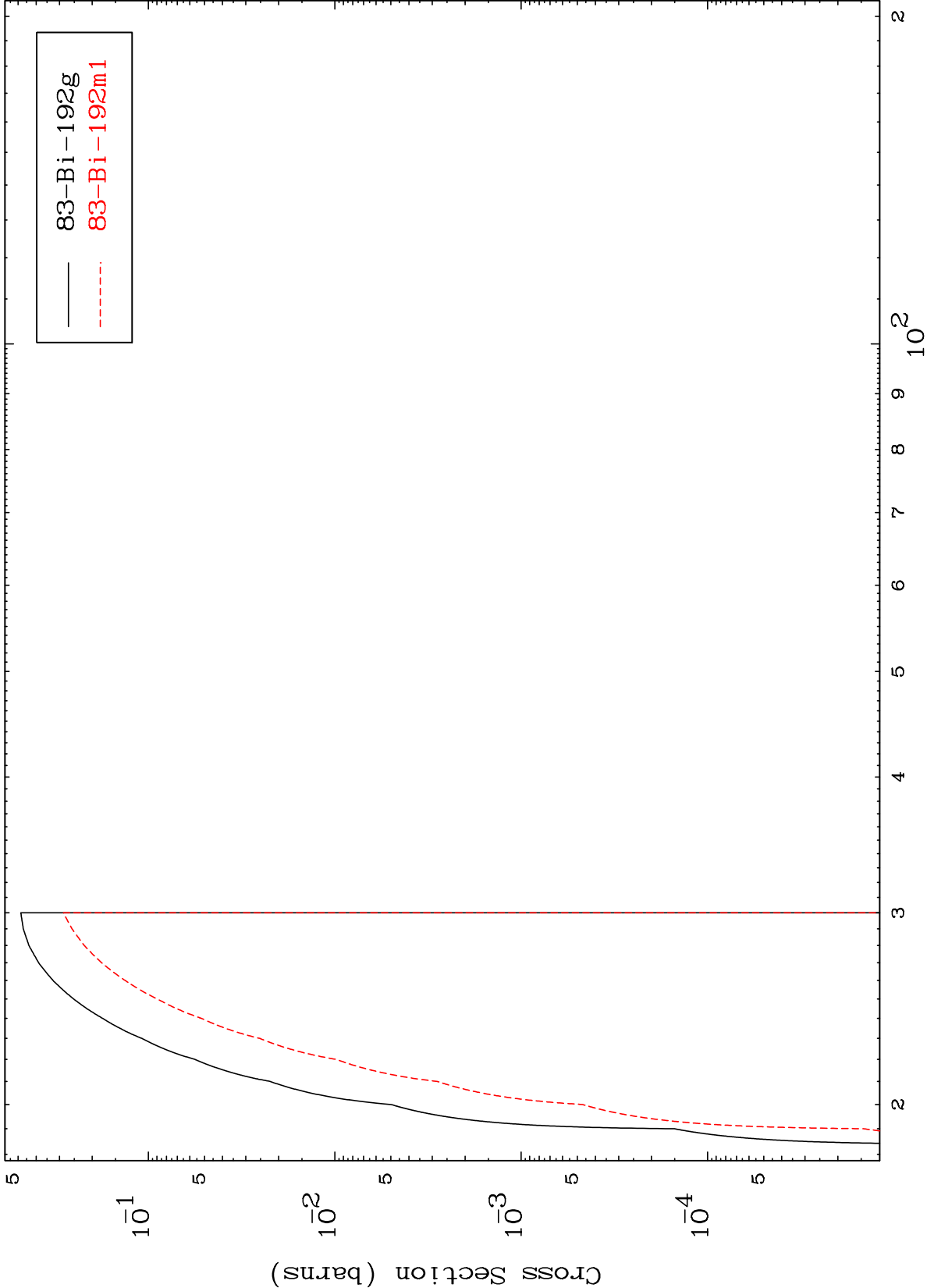




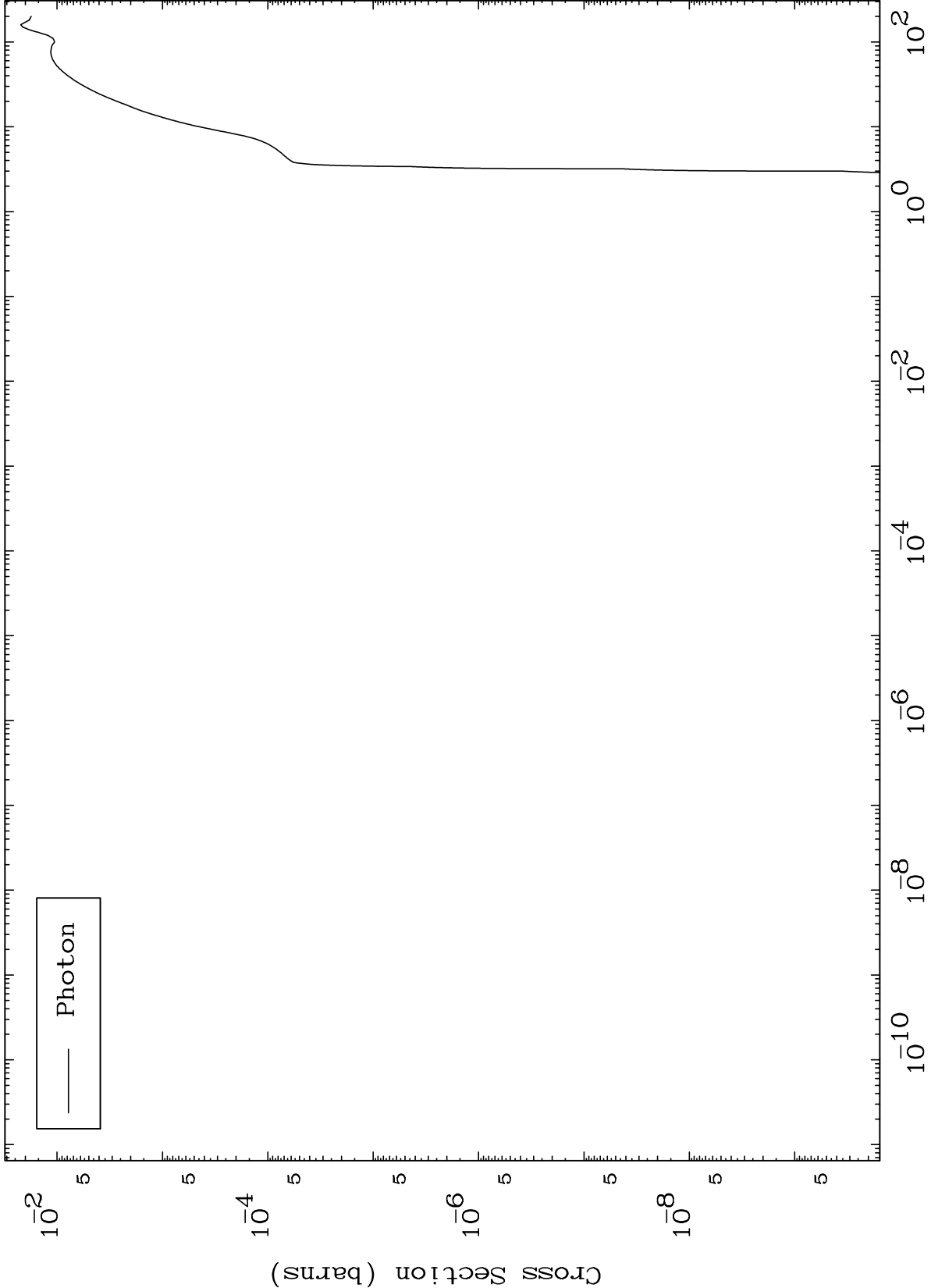
(n,2n)
Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section



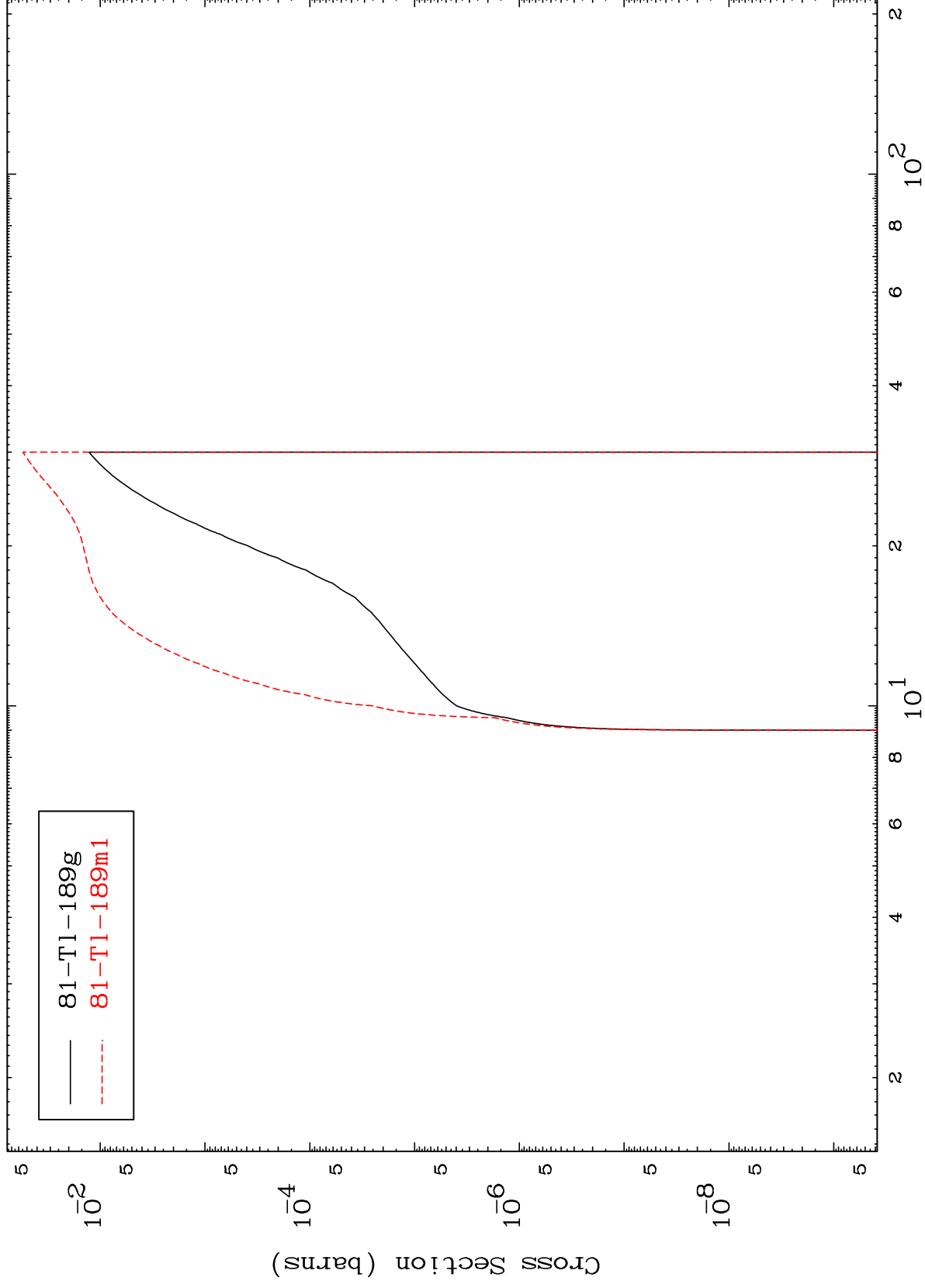
Fission
Radionuclide Production Cross Section



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Radionuclide Production Cross Section
(n,2n) α

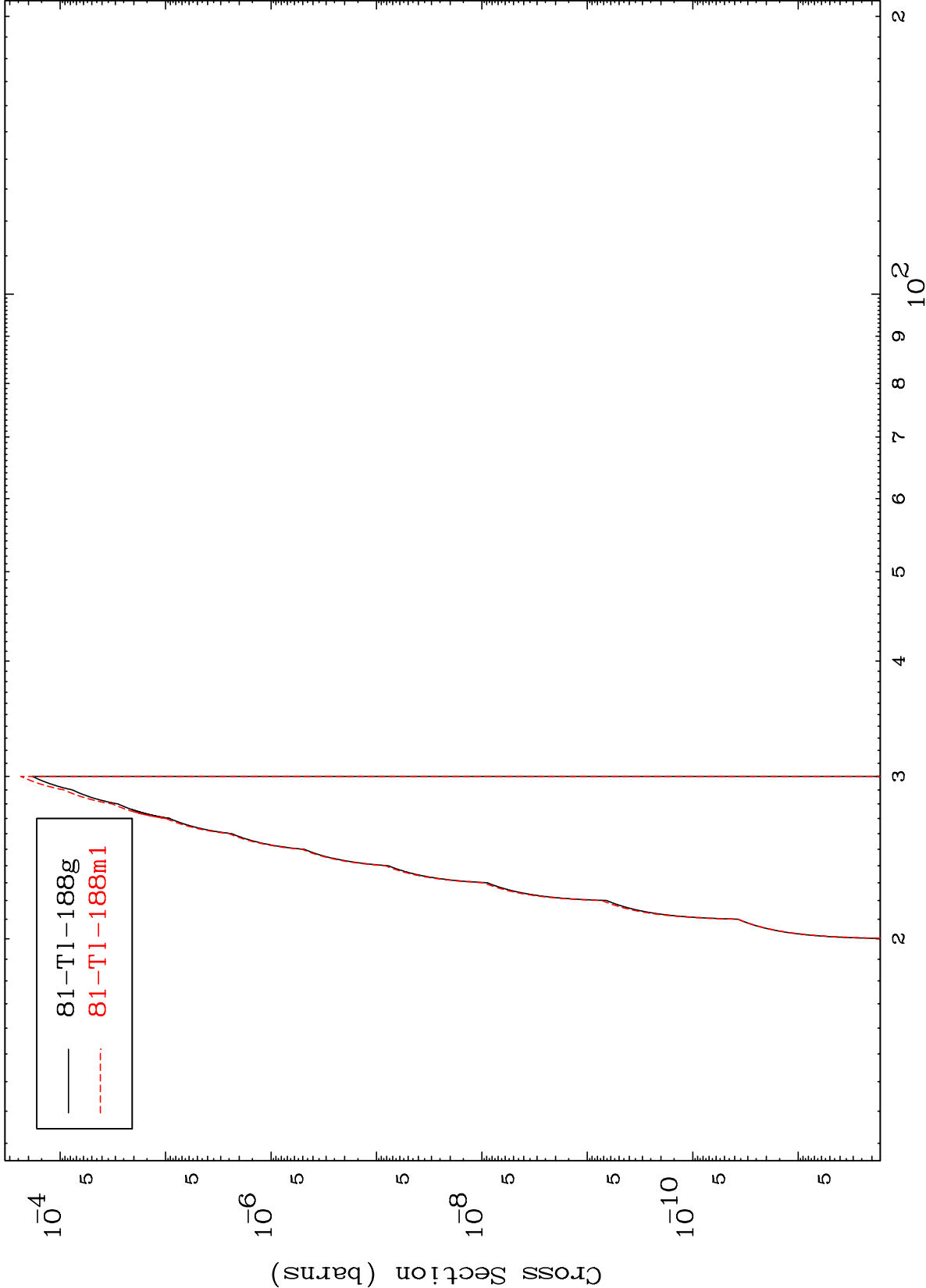


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Incident Energy (MeV)

83-Bi-194

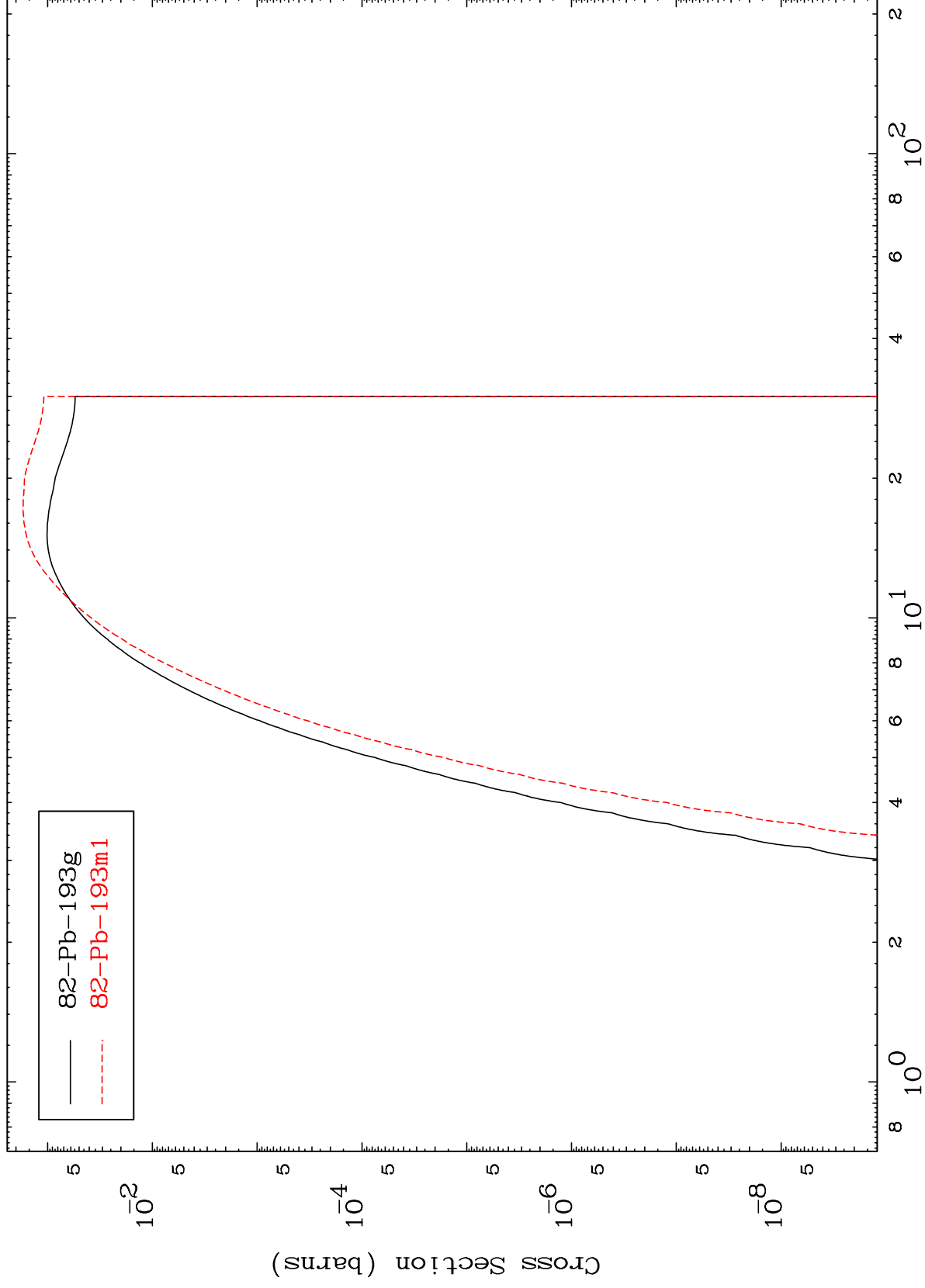
Radionuclide Production Cross Section
(n,3n) α



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83-Bi-194

(n,n') p
Radionuclide Production Cross Section

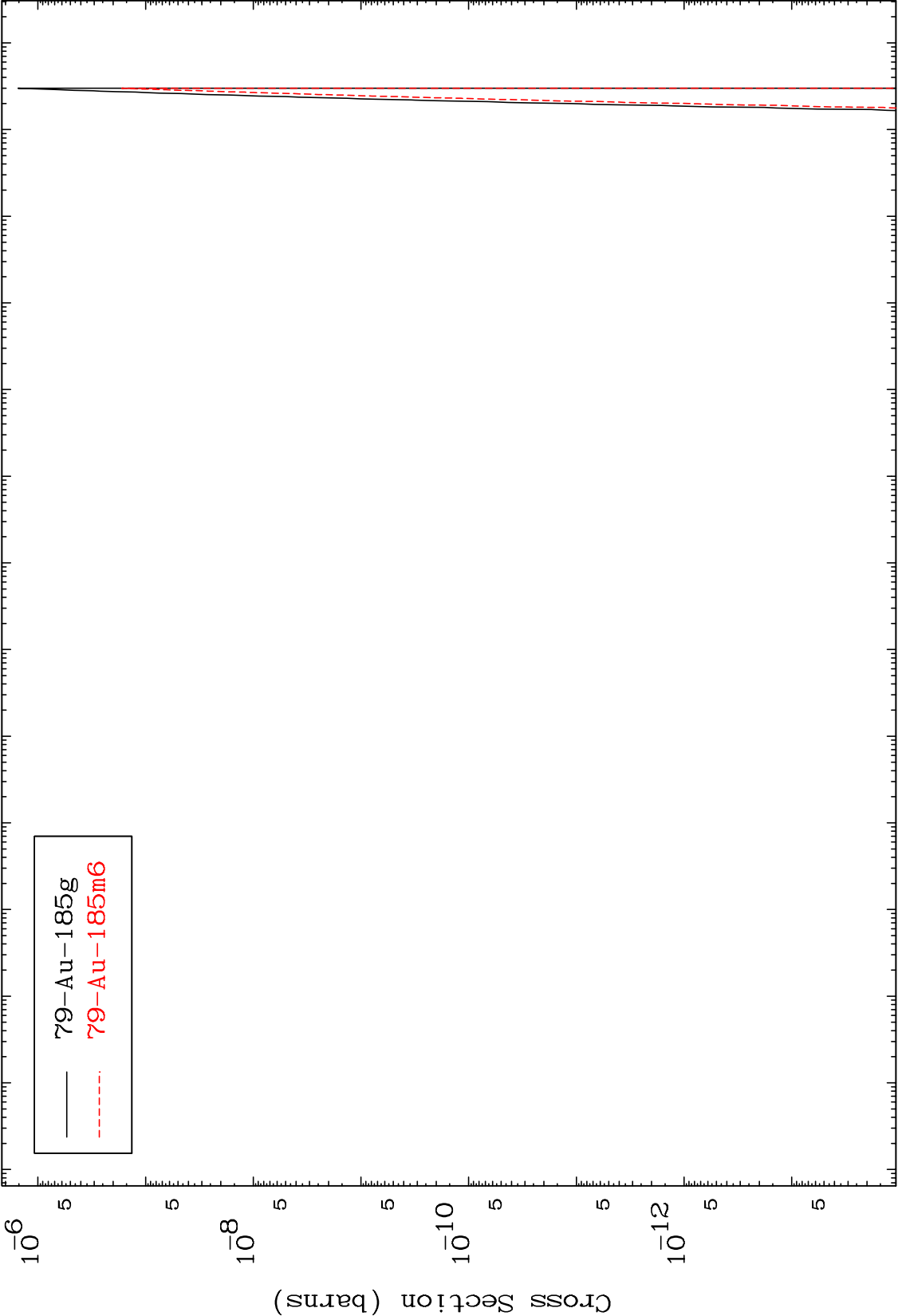


24

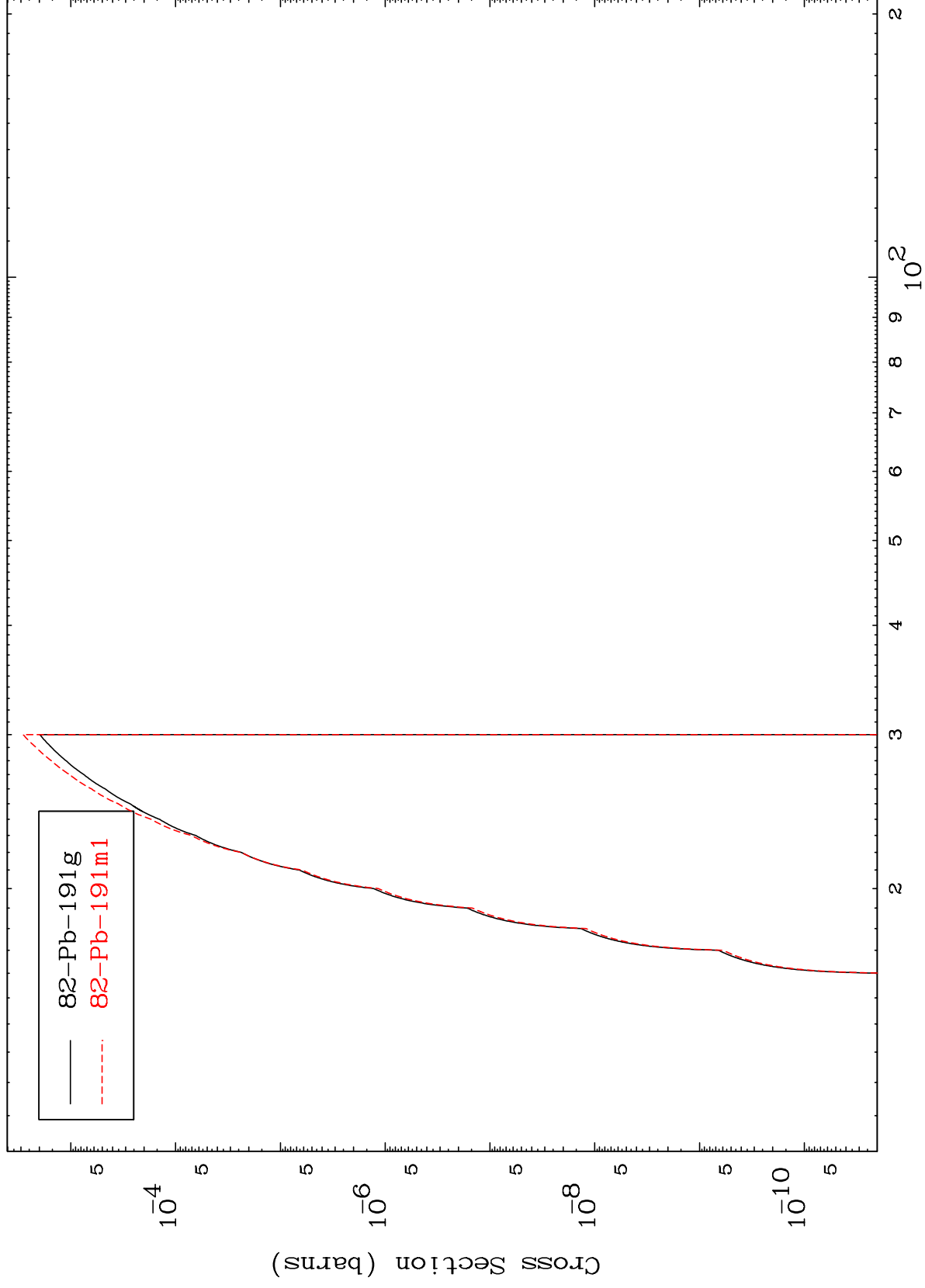
Incident Energy (MeV)

83-Bi-194

Radionuclide Production Cross Section



(n,n') t
Radionuclide Production Cross Section

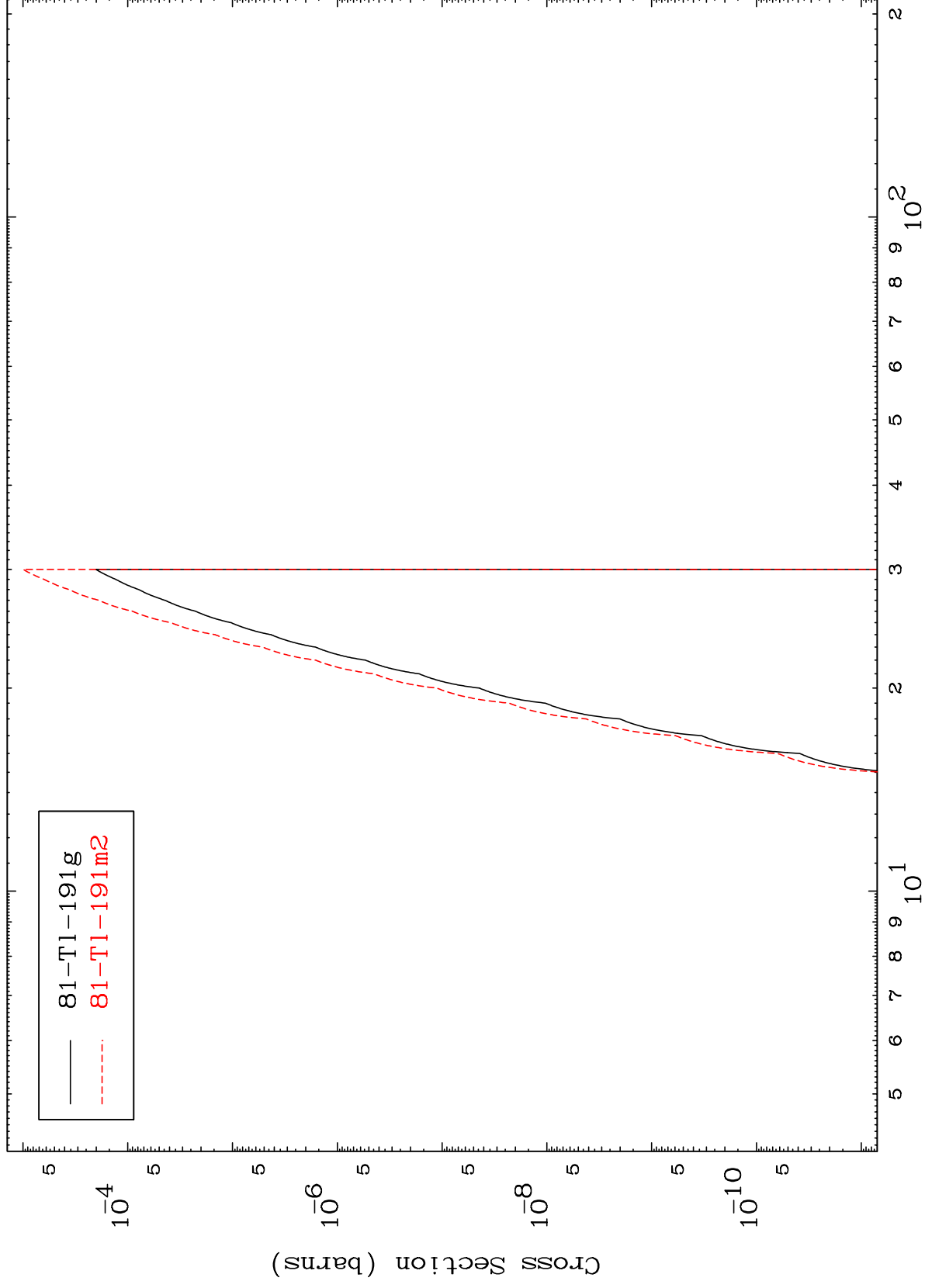


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(n,n') He-3

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Radionuclide Production Cross Section



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

27

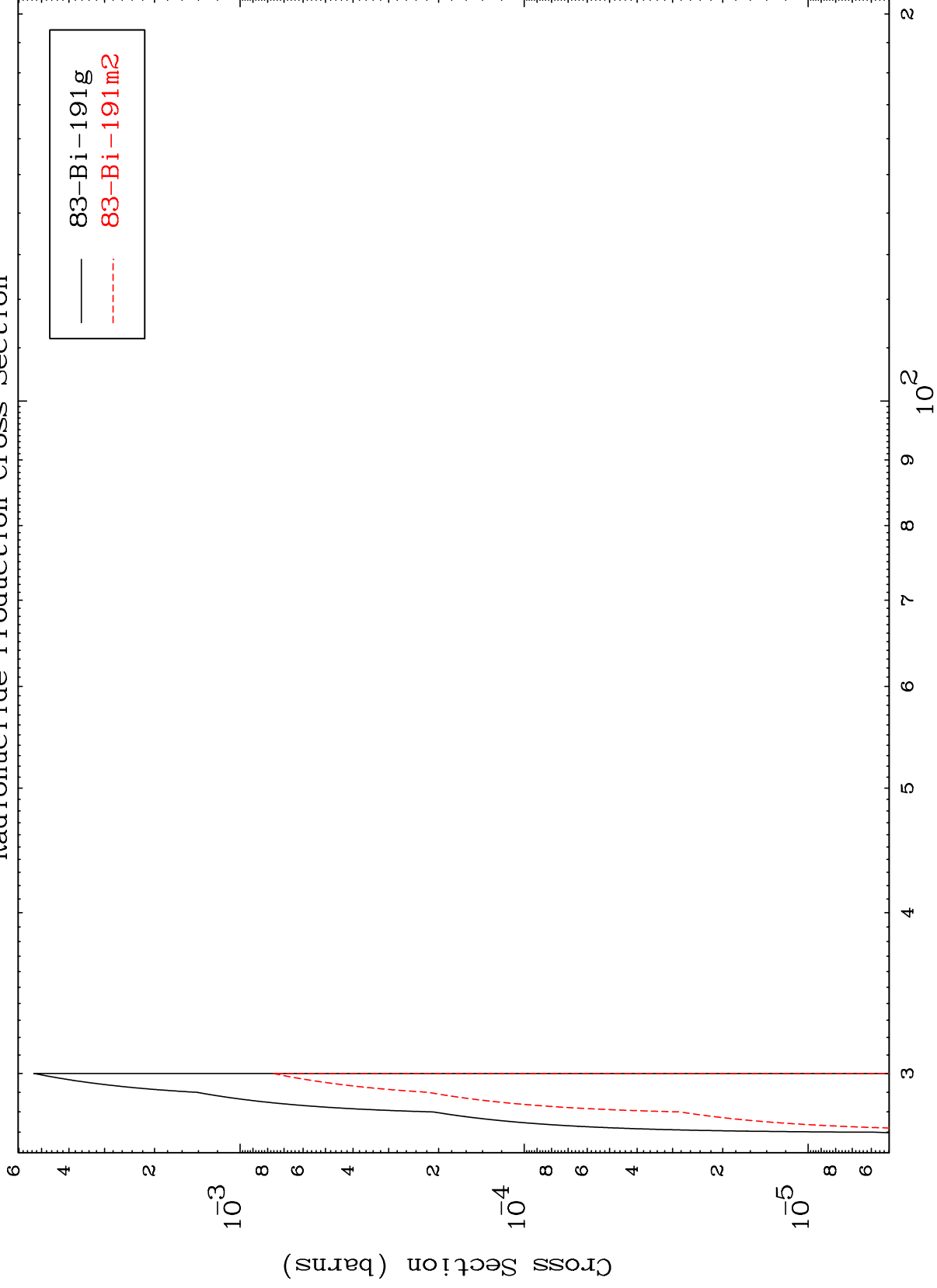
Incident Energy (MeV)

83-Bi-194

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83-Bi-194

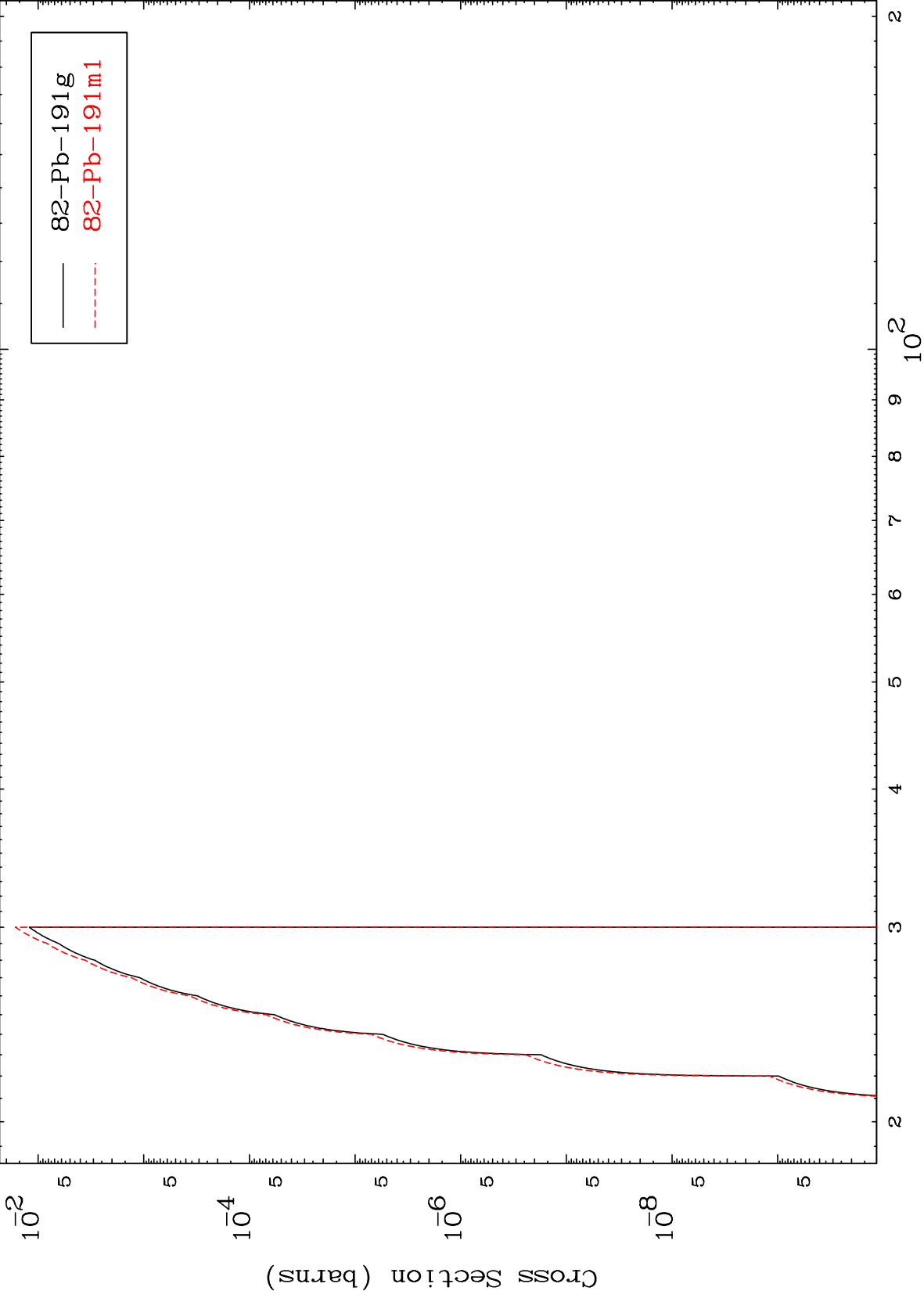
(n,4n)
Radionuclide Production Cross Section



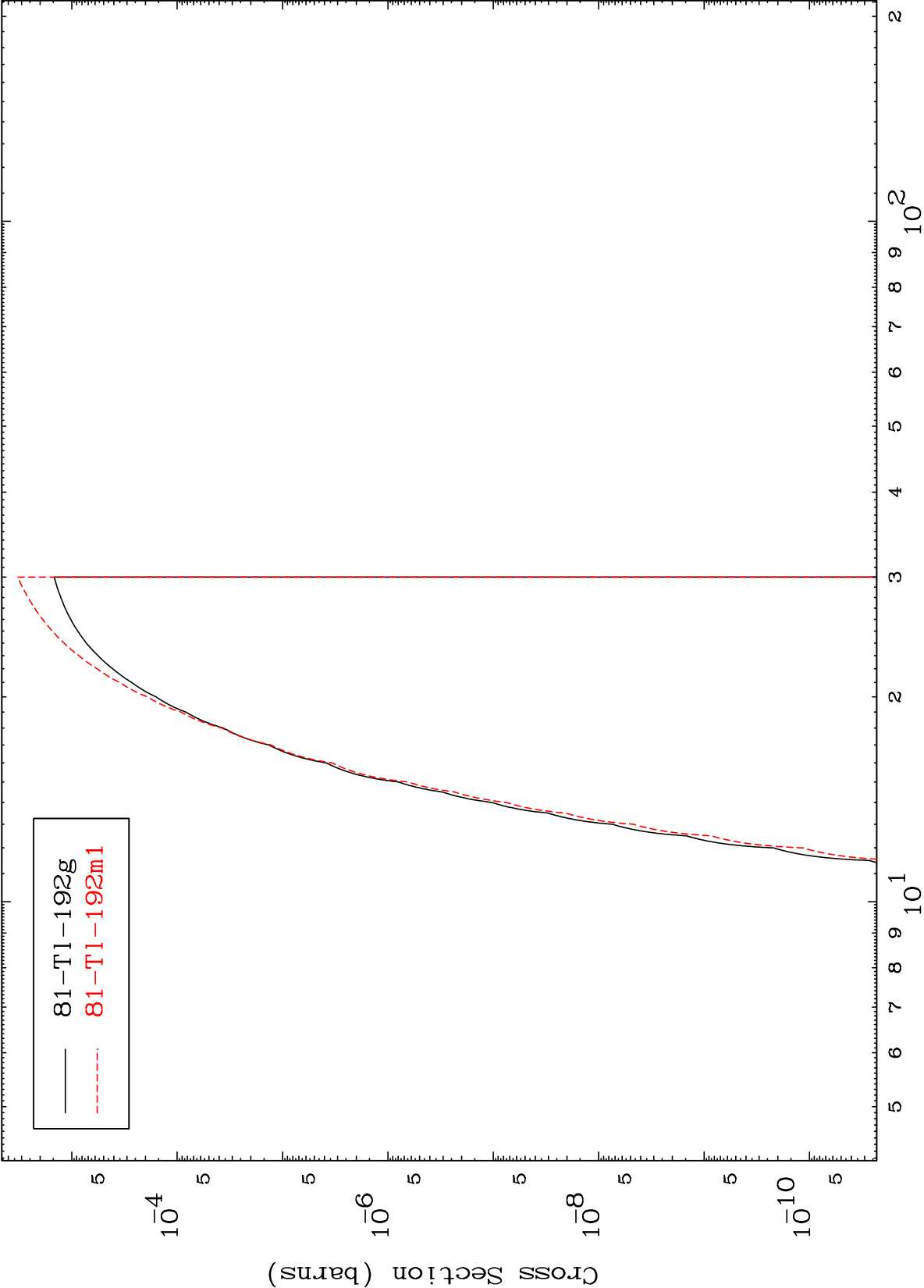
28

83-Bi-194

Radionuclide Production Cross Section

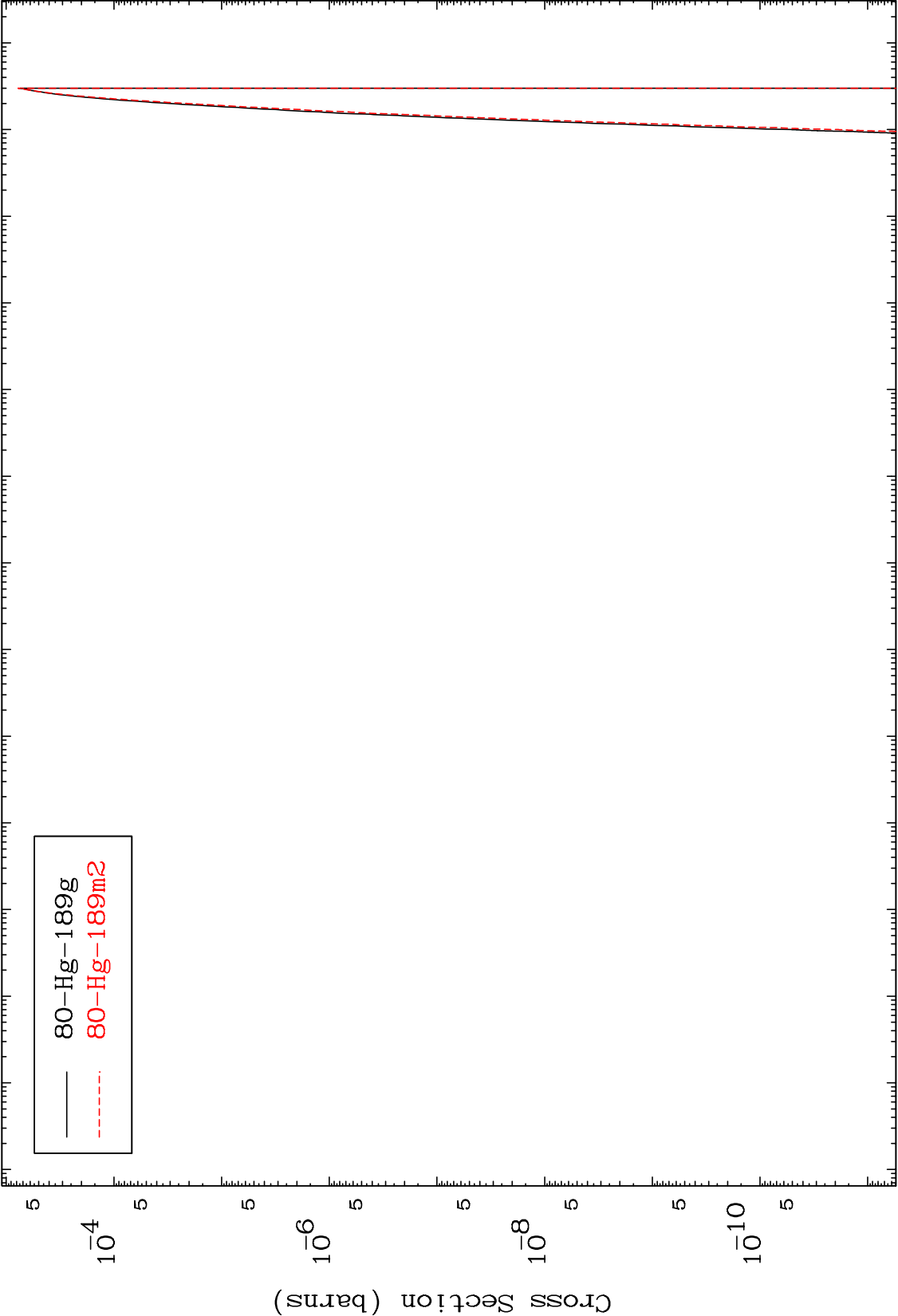


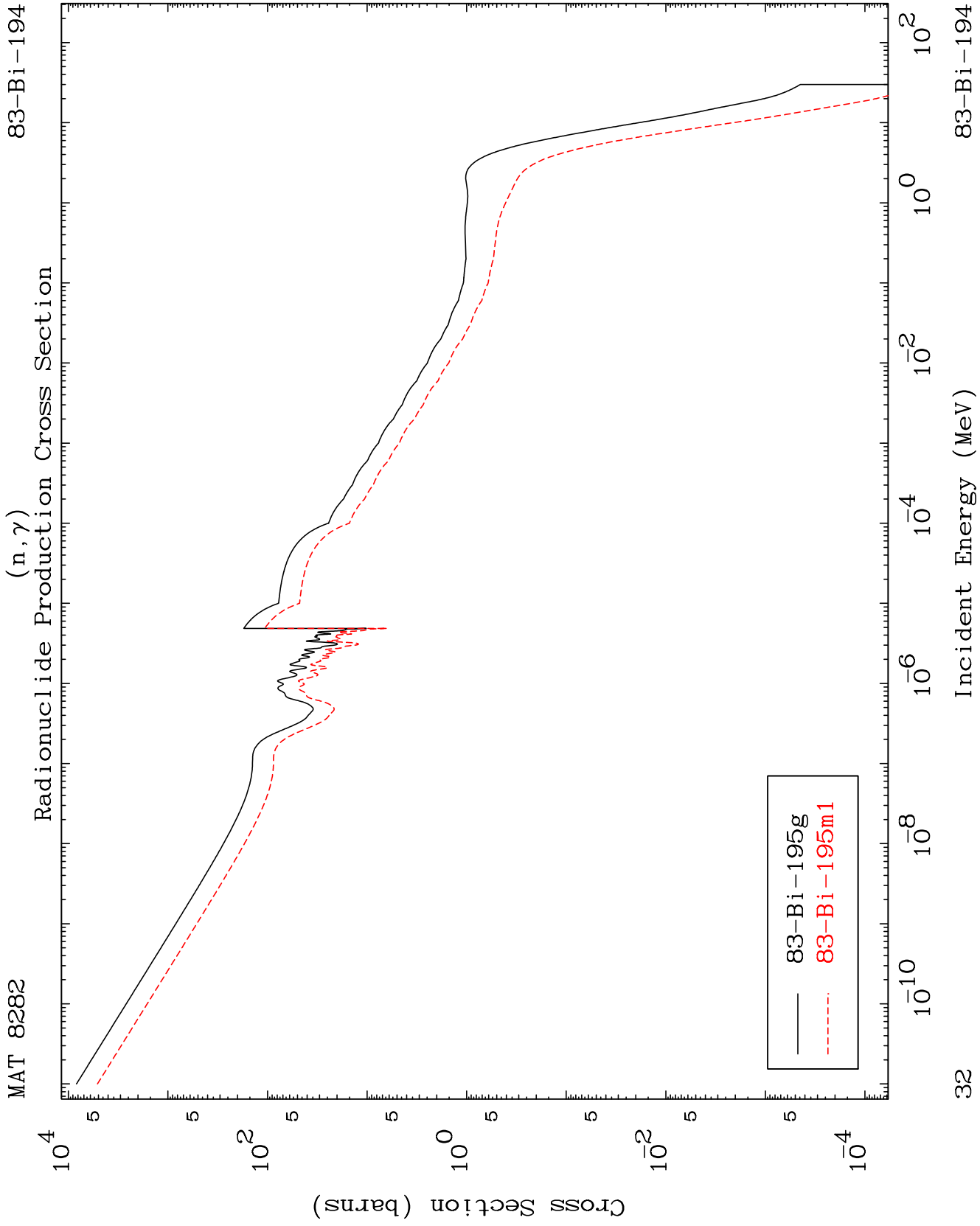
Radionuclide Production Cross Section



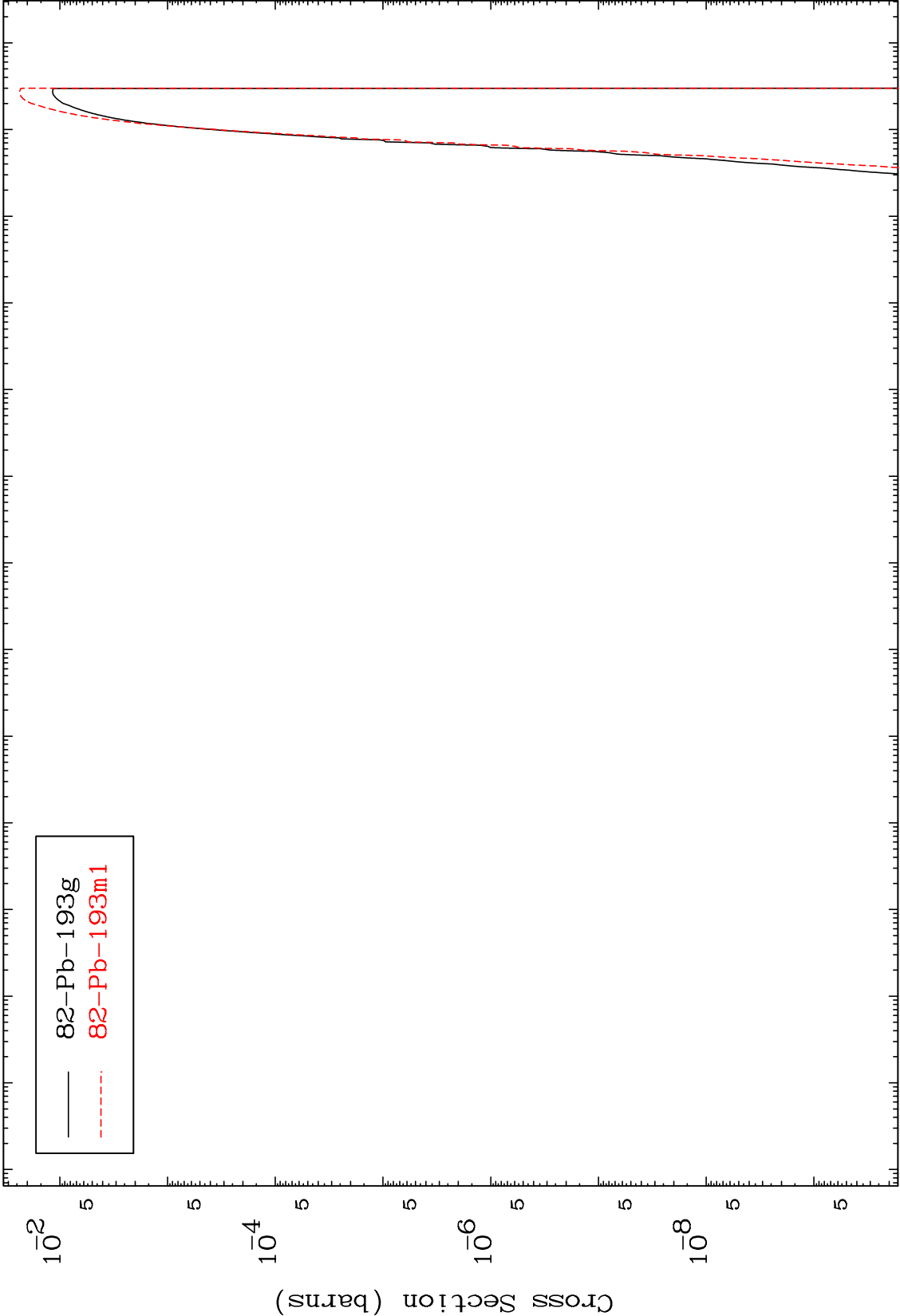
Incident Energy (MeV)

Radionuclide Production Cross Section





Radionuclide Production Cross Section

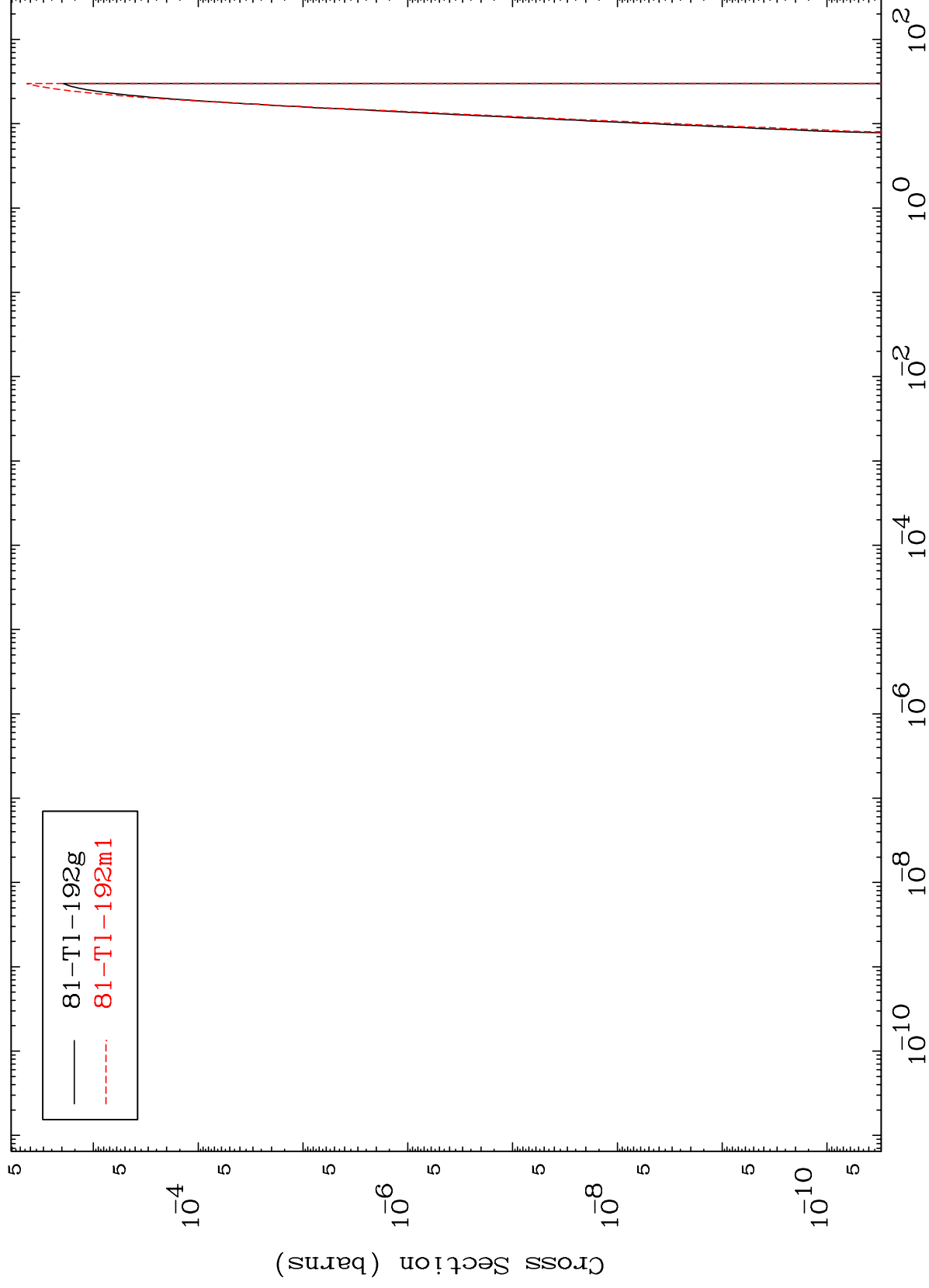


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(n,He-3)

83-Bi-194

Radionuclide Production Cross Section



34

Incident Energy (MeV)

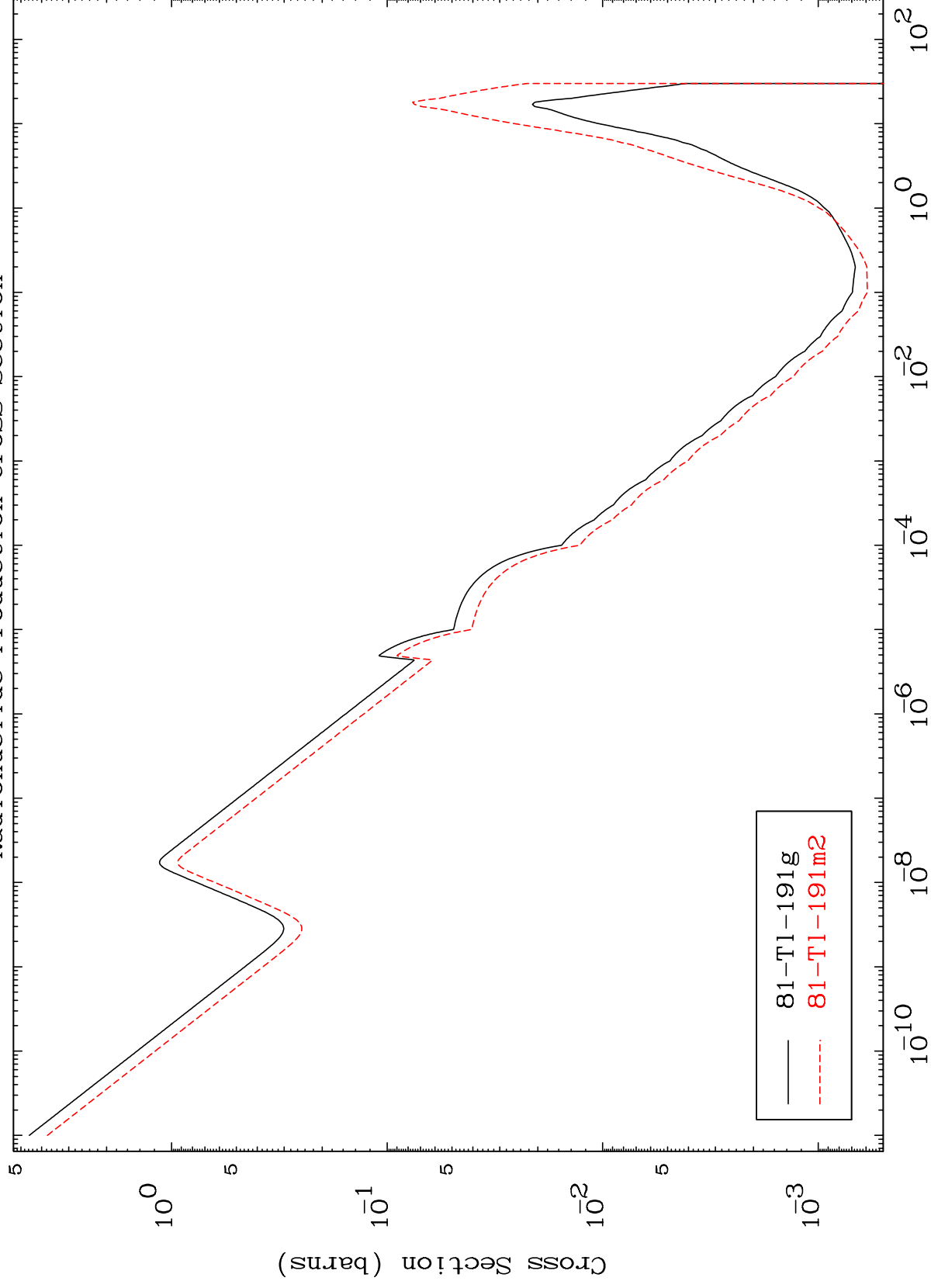
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(n, α)

83-Bi-194

Radionuclide Production Cross Section



35

Incident Energy (MeV)

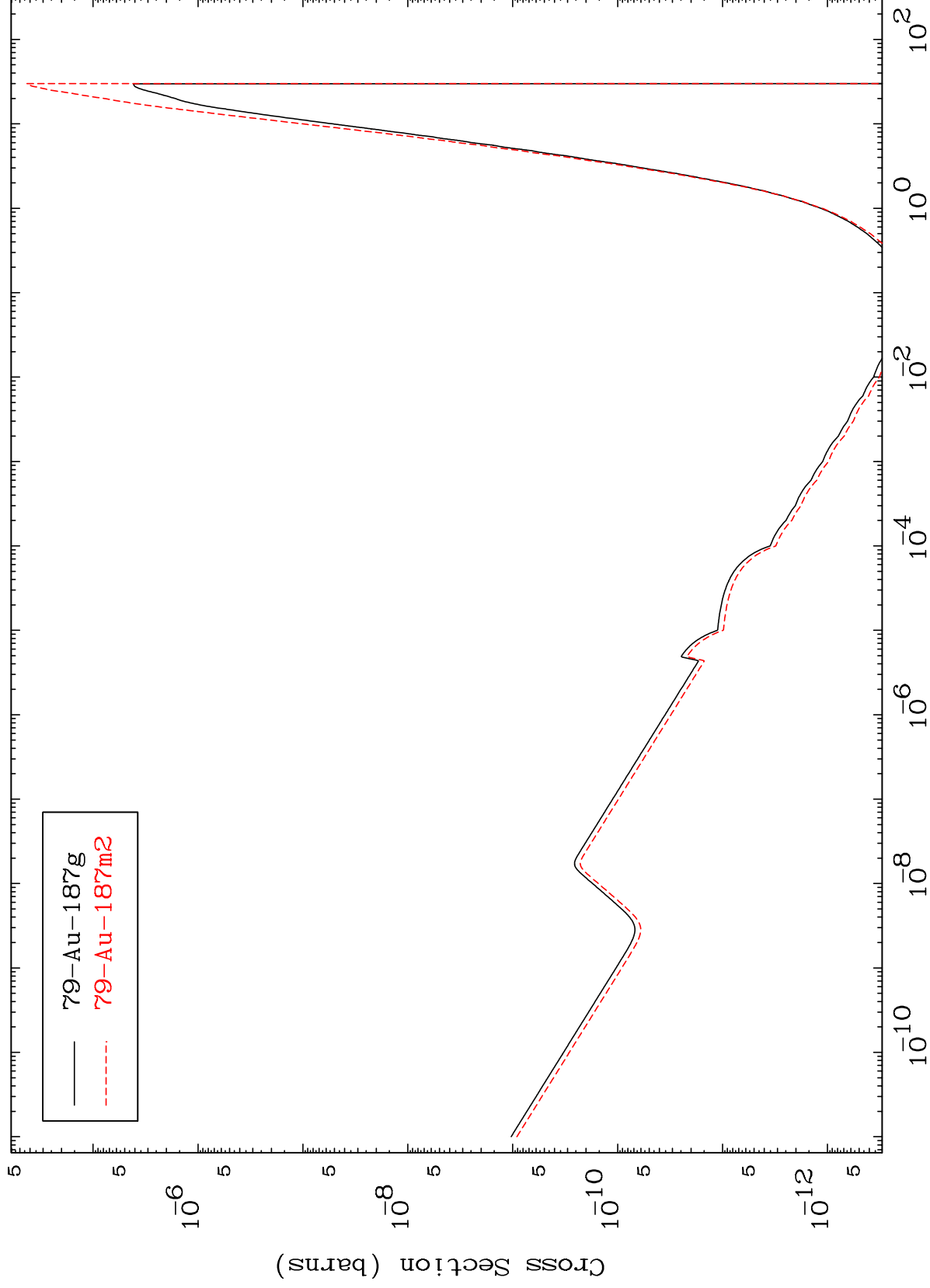
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(n,2α)

83-Bi-194

Radionuclide Production Cross Section



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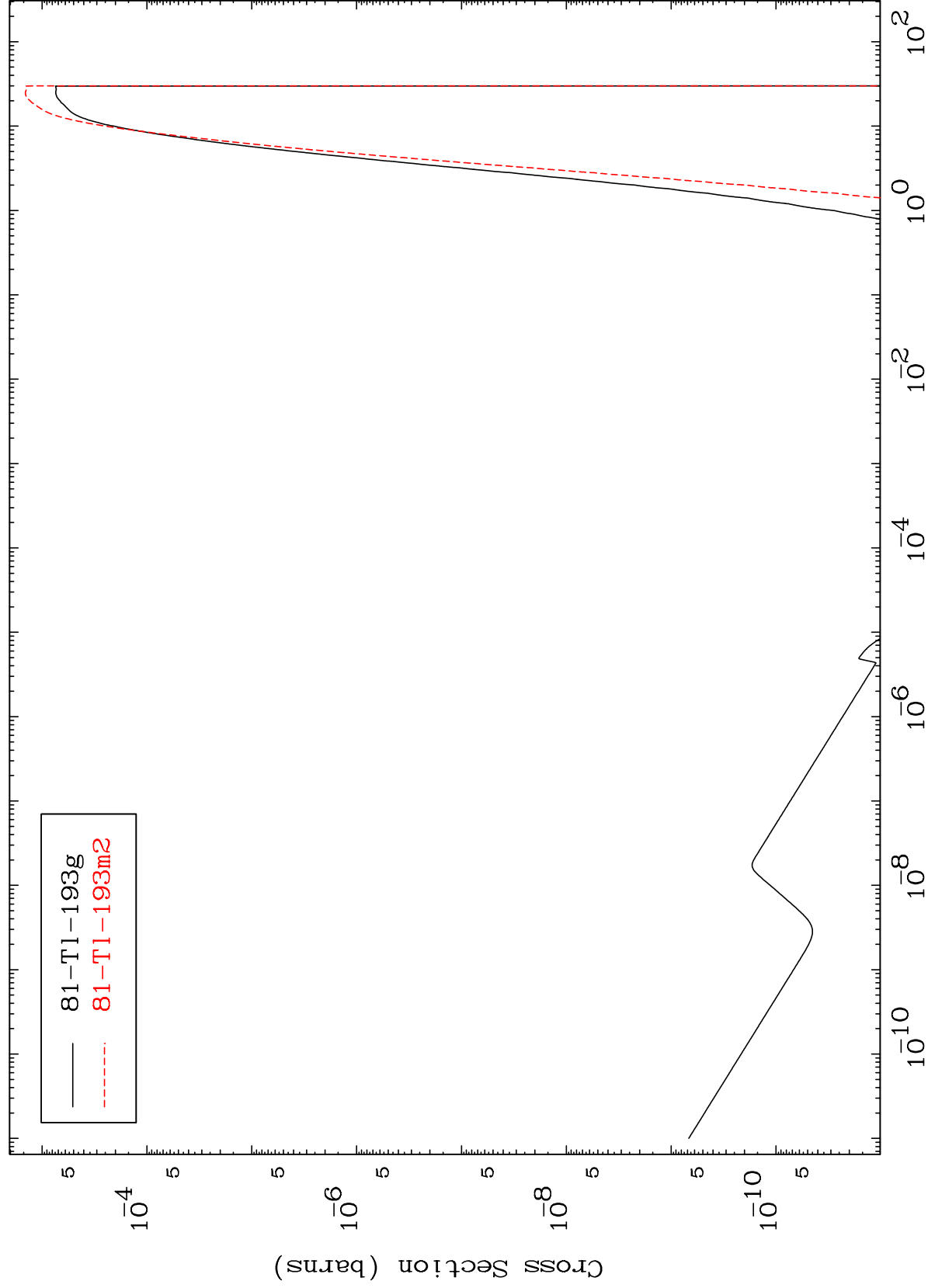
Incident Energy (MeV)

83-Bi-194

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83-Bi-194

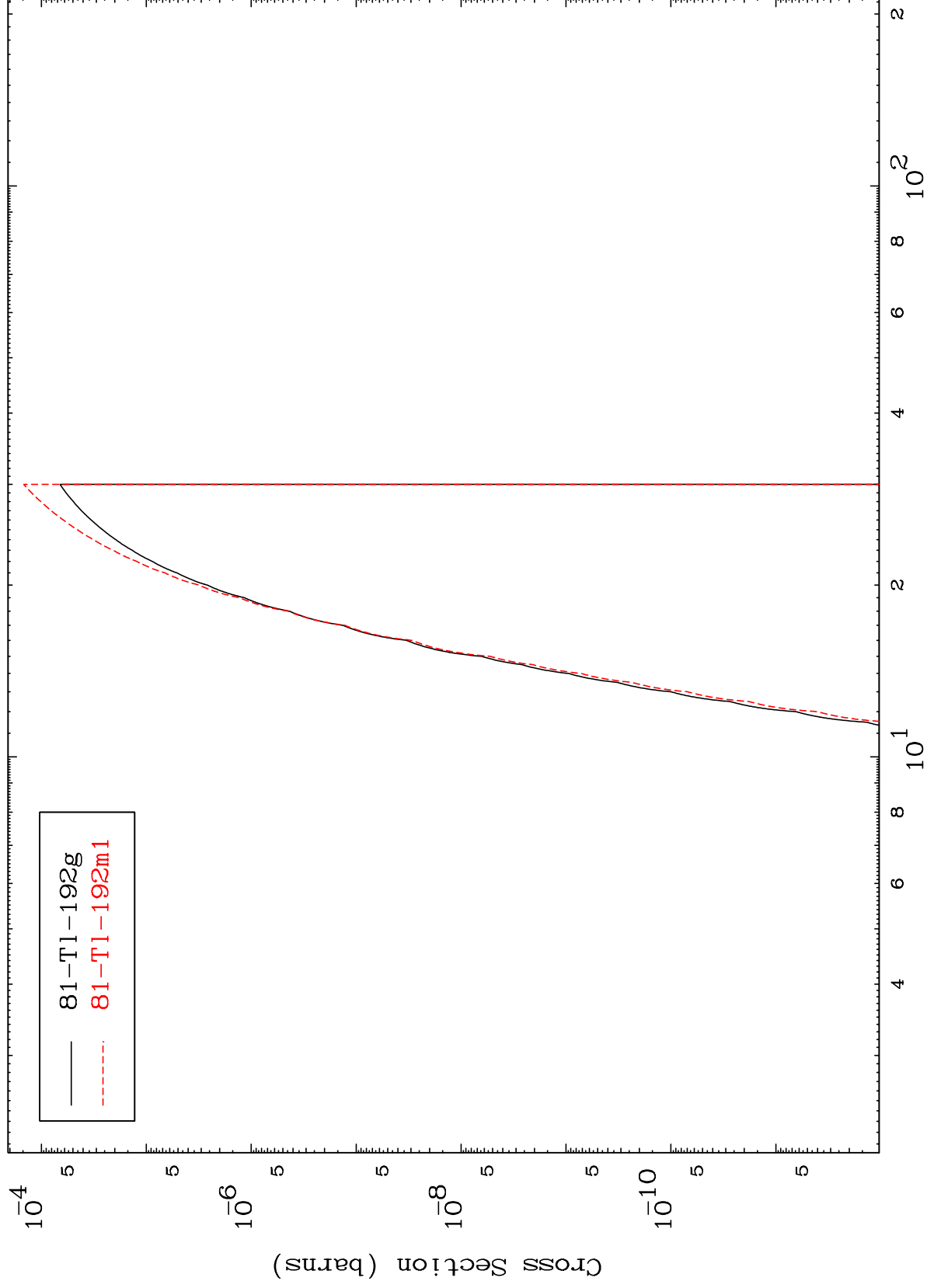
(n,2p)
Radionuclide Production Cross Section



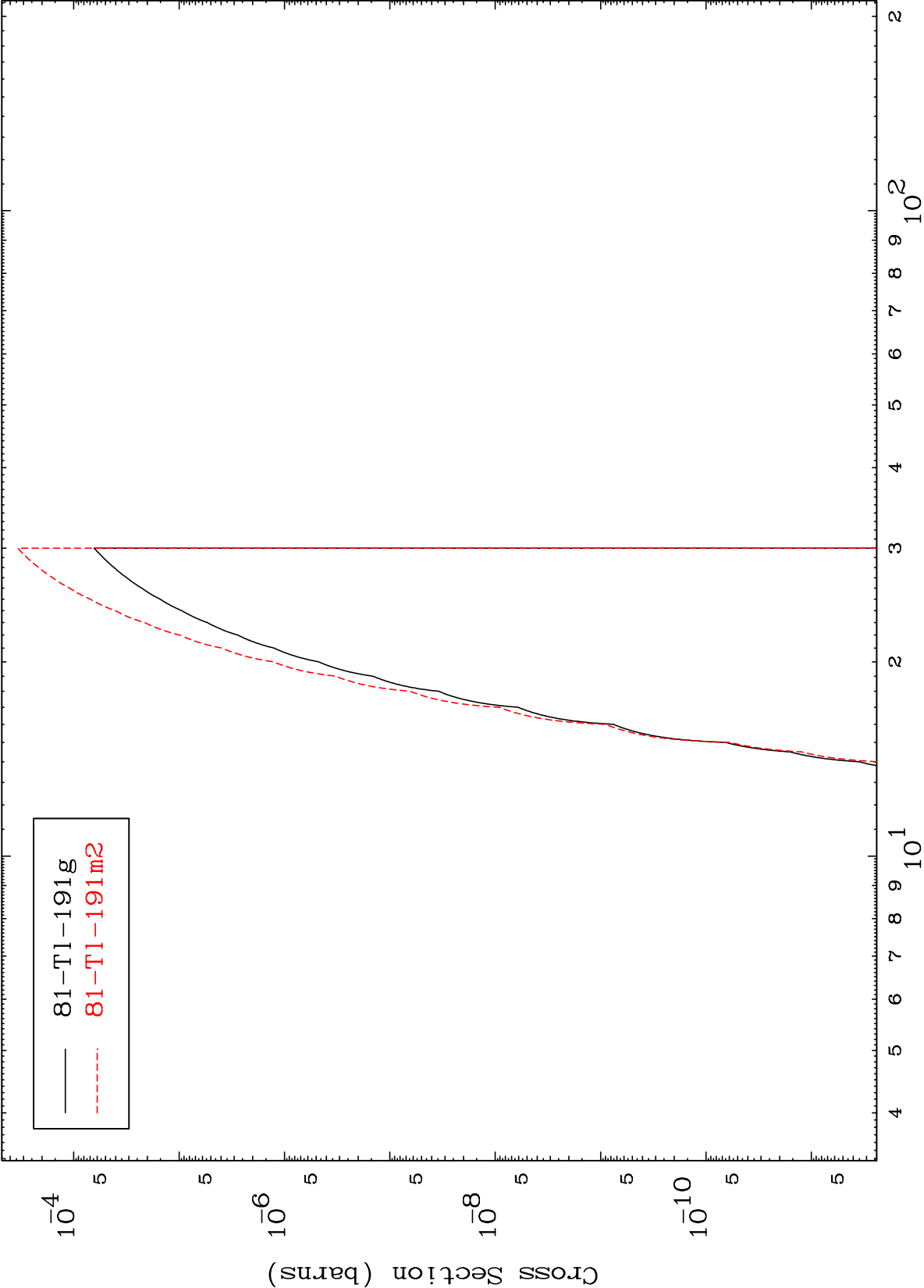
37

83-Bi-194

(n,p) d
Radionuclide Production Cross Section



Radionuclide Production Cross Section

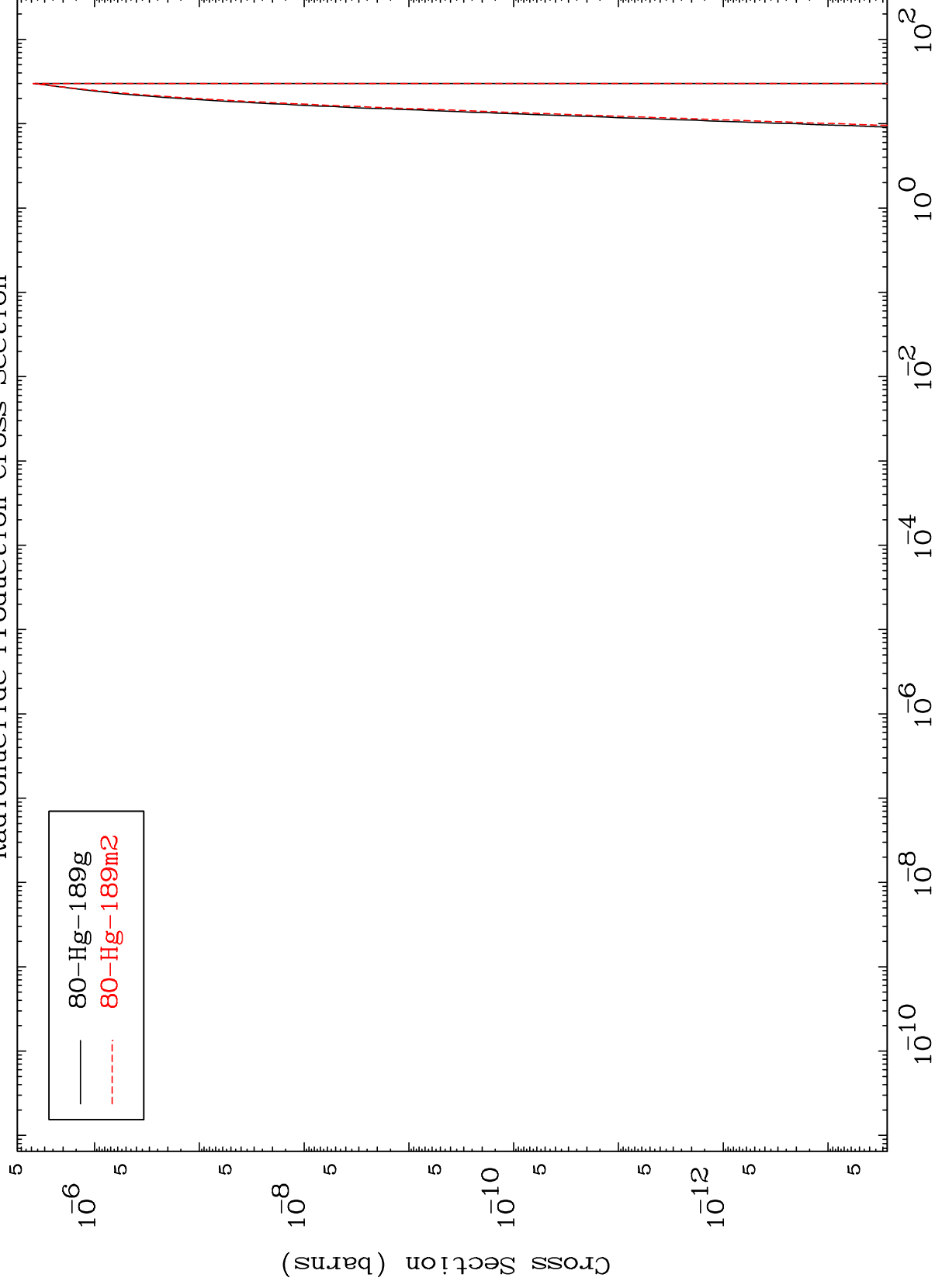


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(n,d) α

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Radionuclide Production Cross Section



40

Incident Energy (MeV)

10^0

83-Bi-194