

Program EVALPLOT
(Version 2017-1)

by

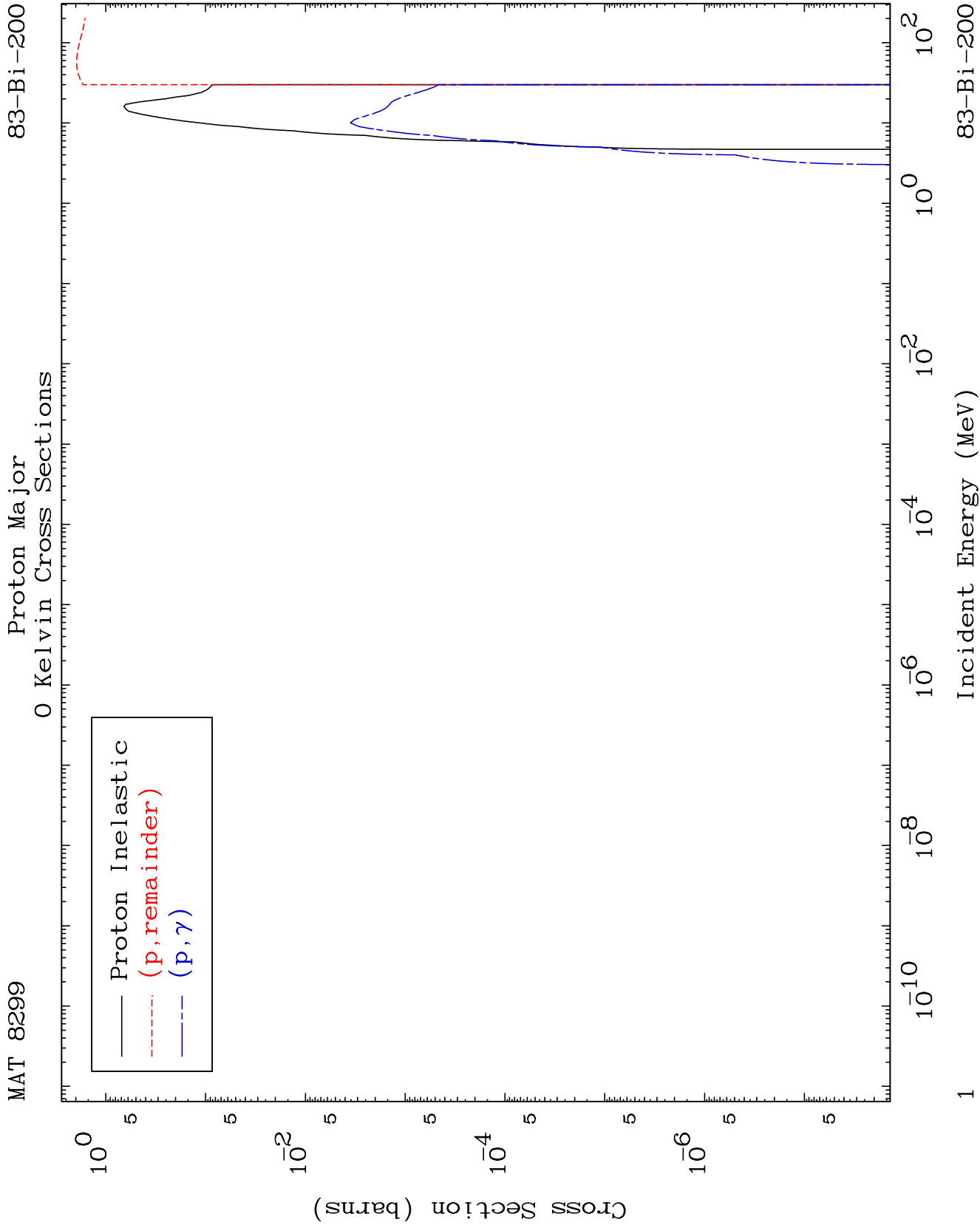
Dermott E. Cullen
(Present Contact Information)

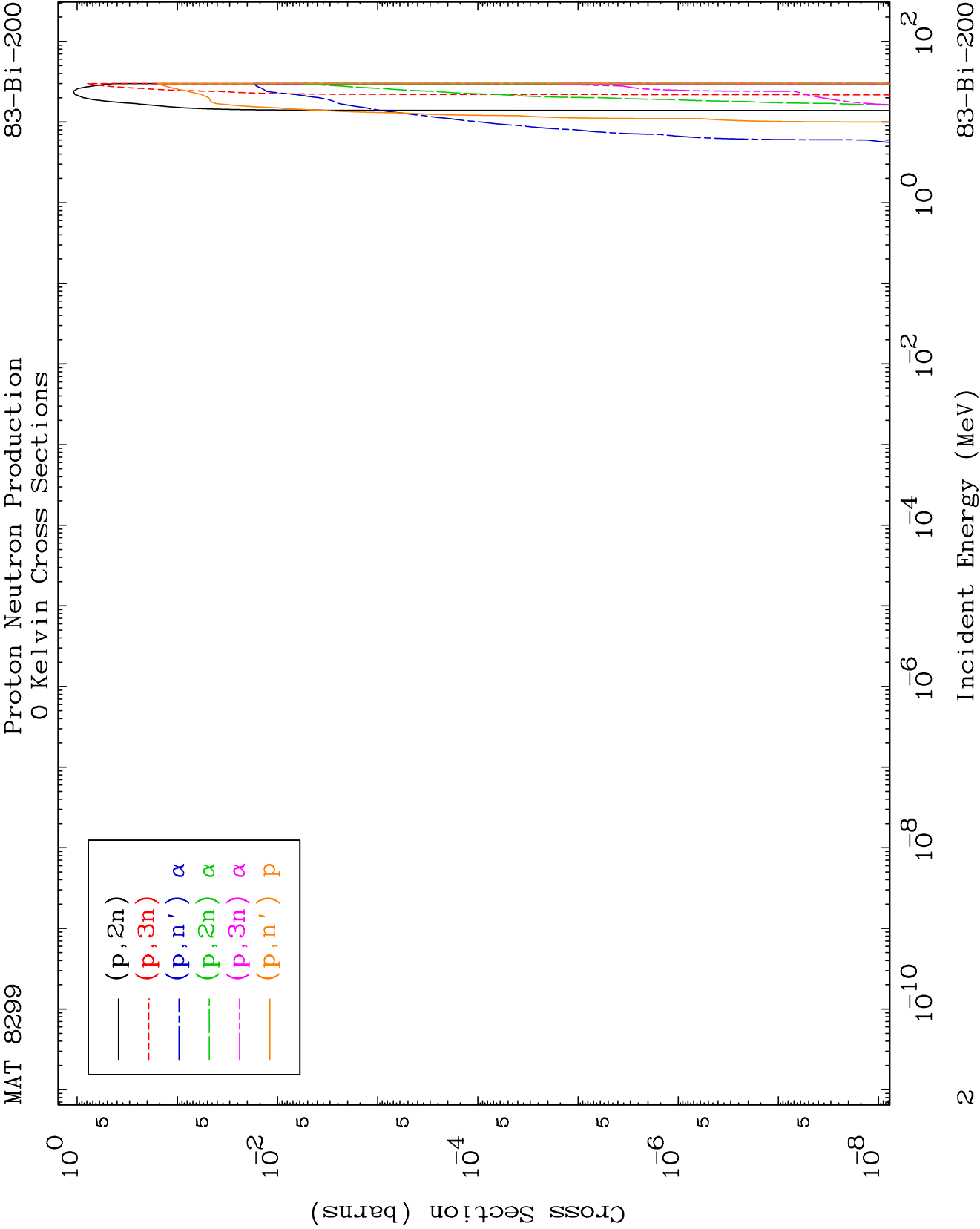
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Livermore, CA 94550
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E.Mail: redcullen1@comcast.net
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Press Mouse Button to Start

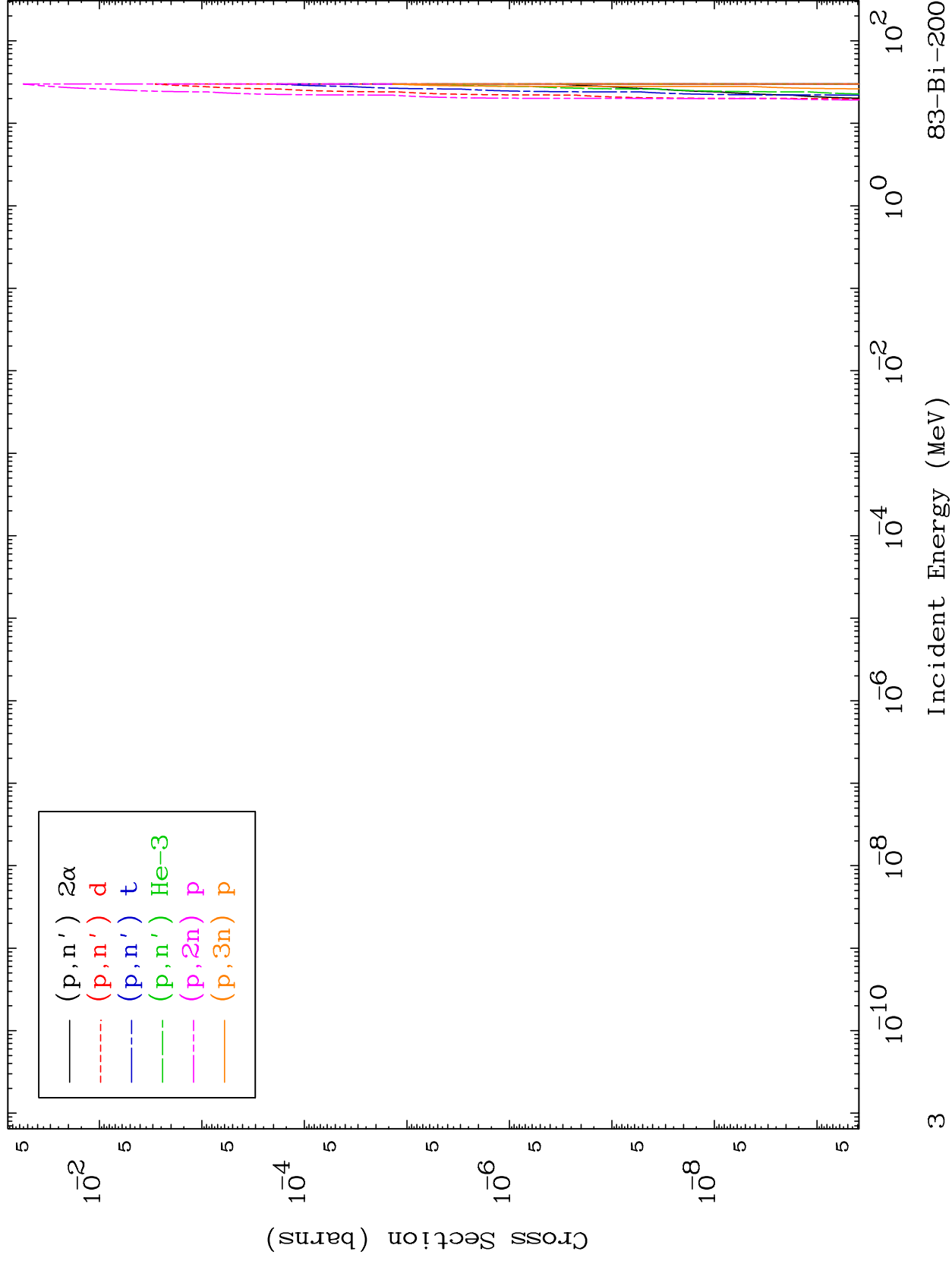


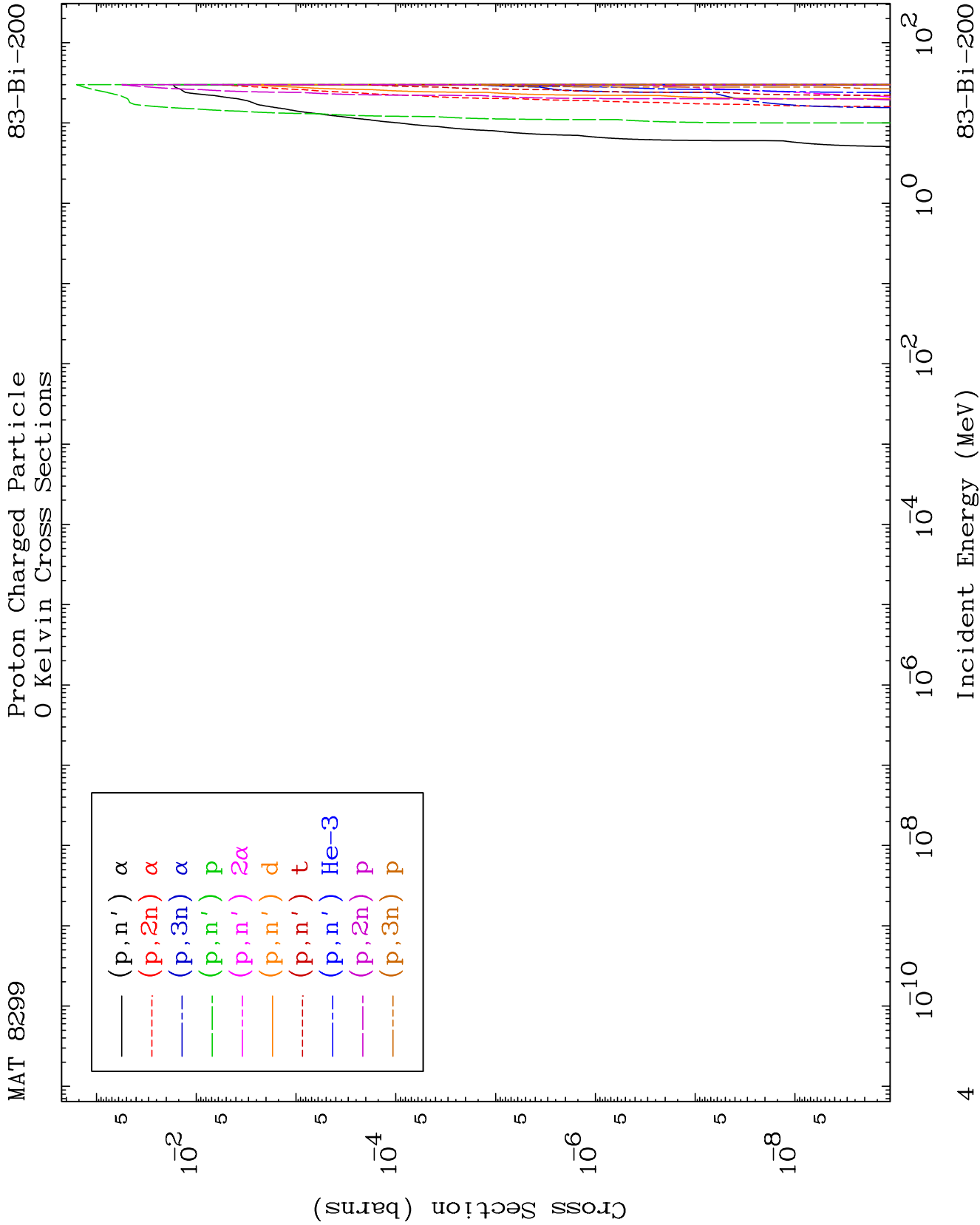


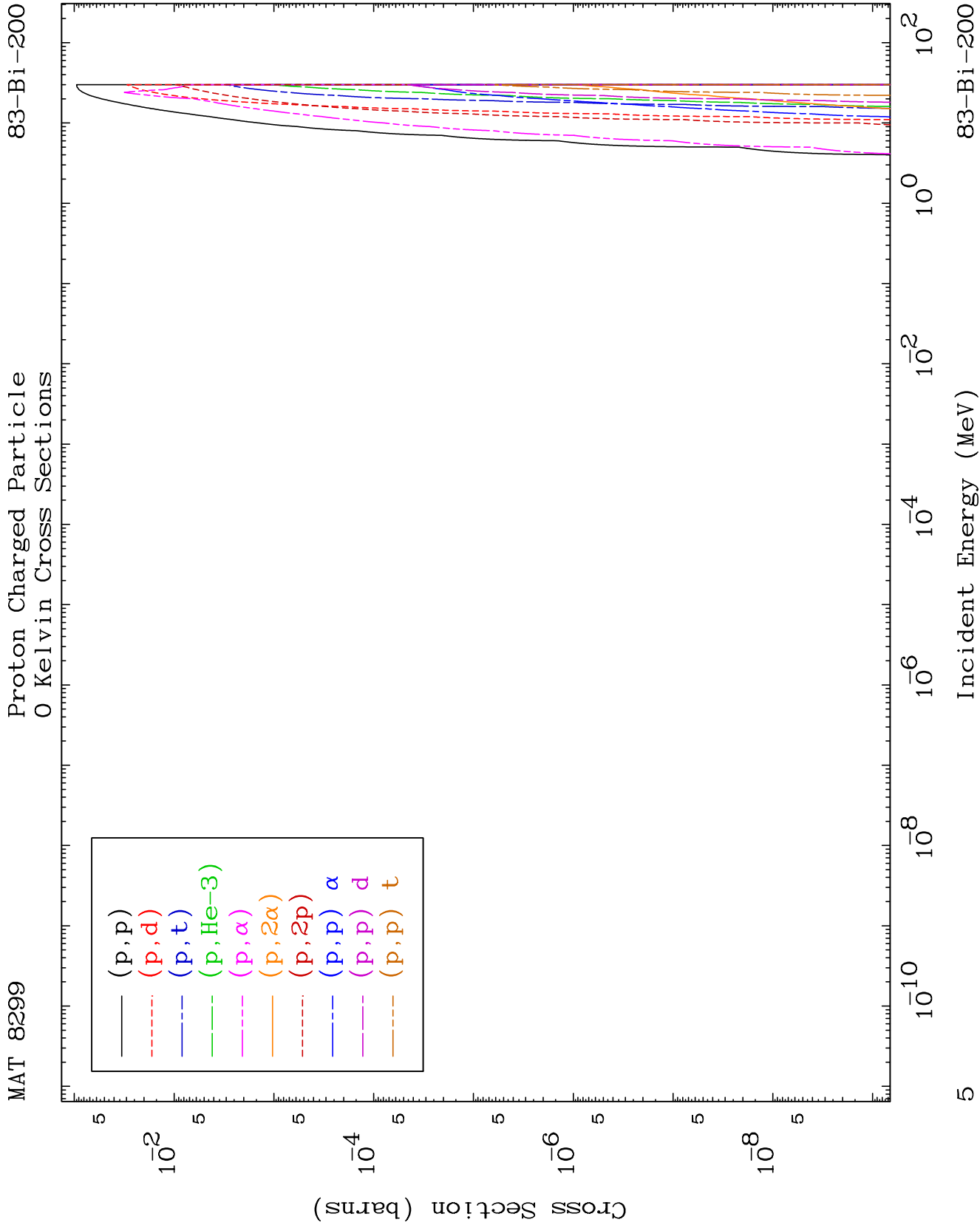
MAT 8299

Proton Neutron Production
0 Kelvin Cross Sections

83-Bi-200



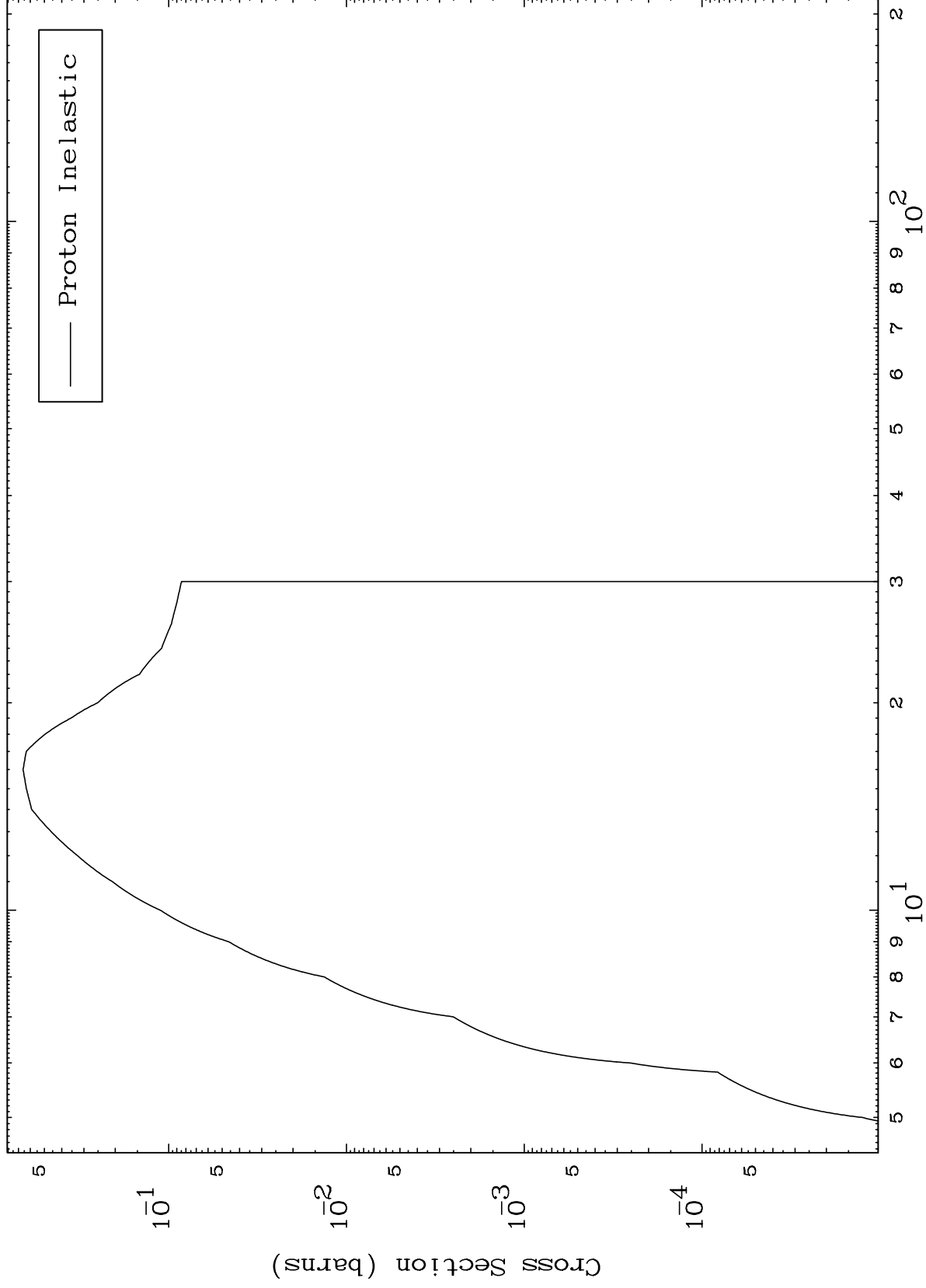




MAT 8299

83-Bi-200

(p,n') Level
0 Kelvin Cross Sections



83-Bi-200

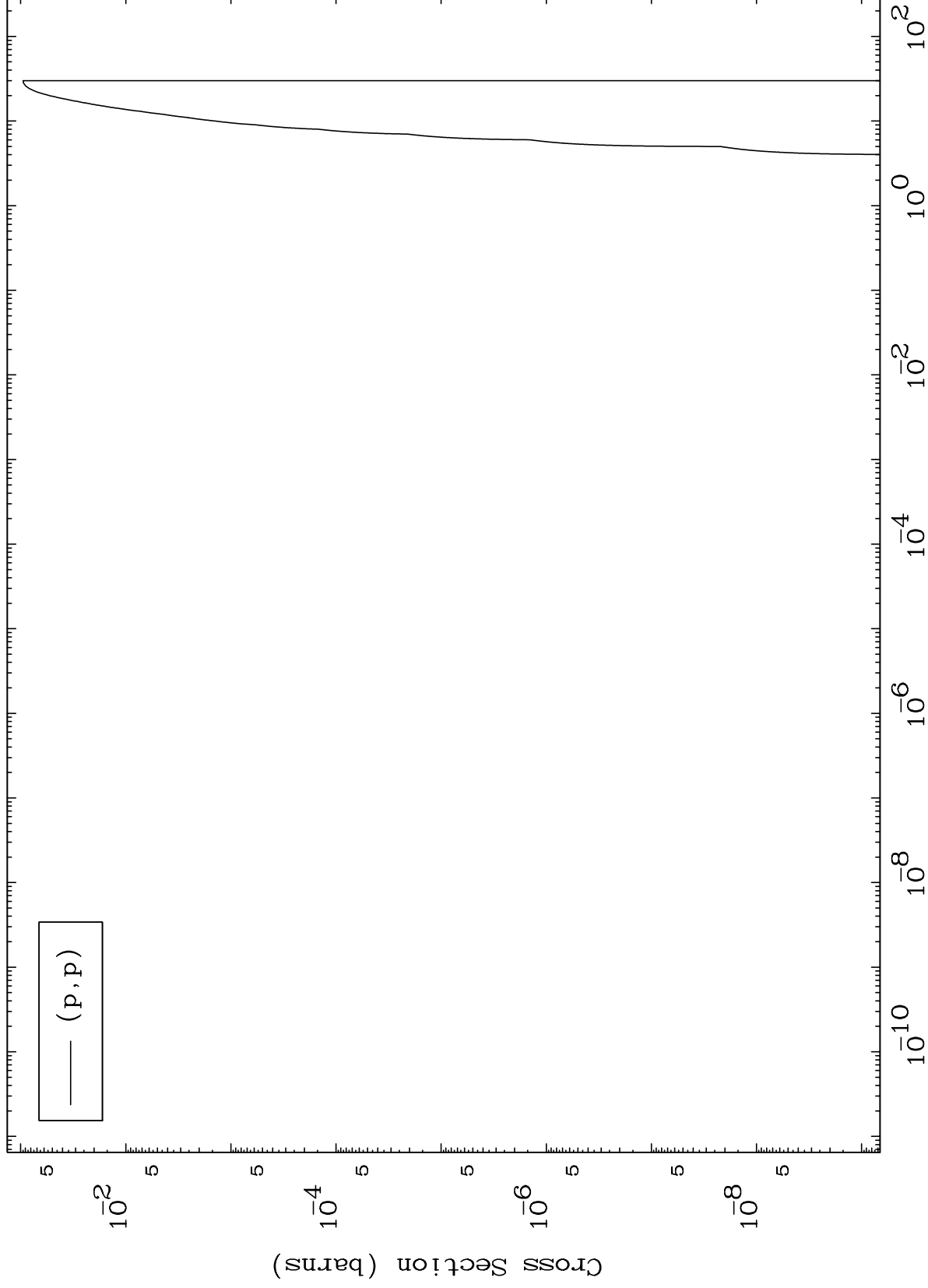
Incident Energy (MeV)

6

MAT 8299

83-Bi-200

(p,p) Levels
0 Kelvin Cross Sections



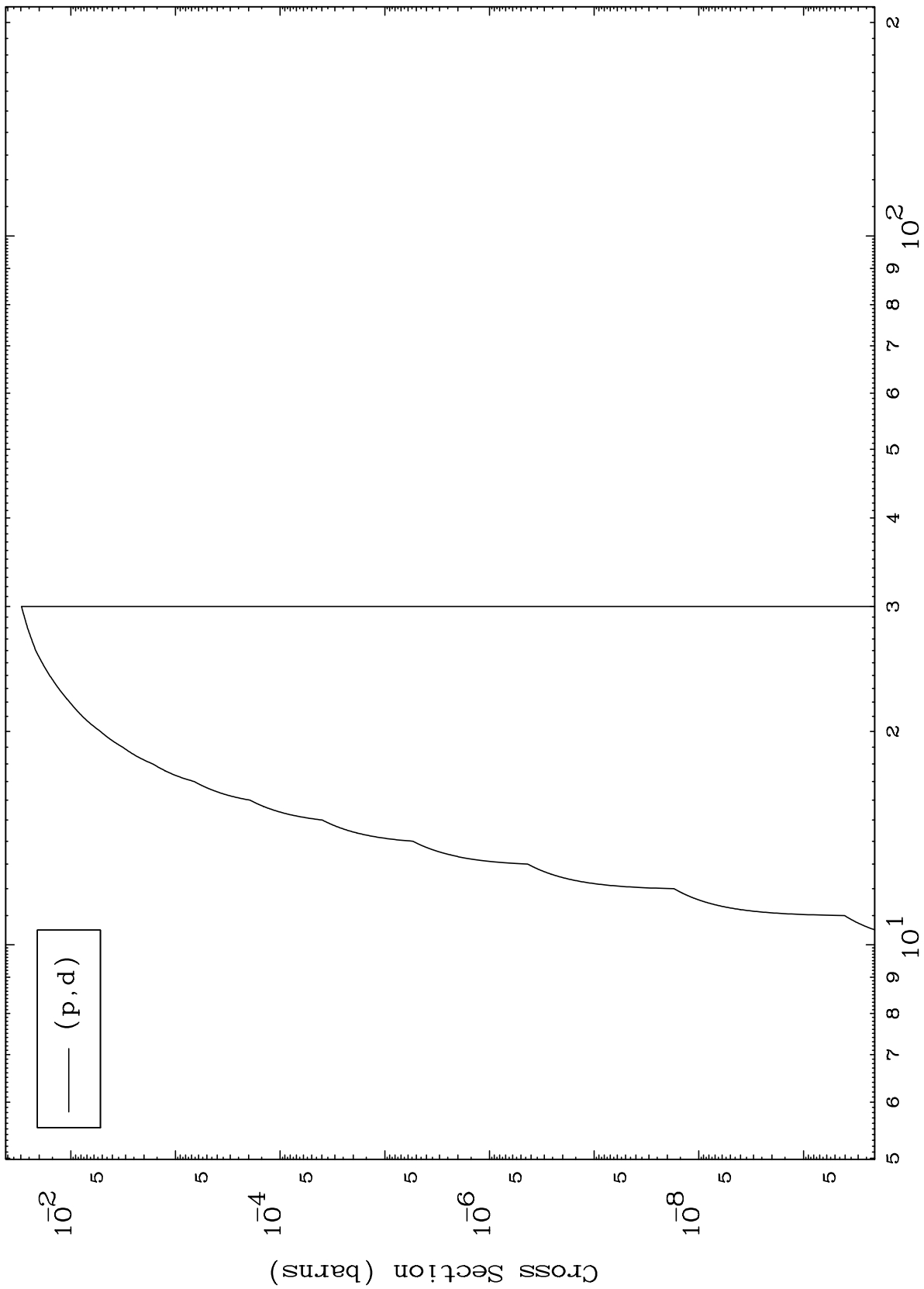
7

83-Bi-200

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83-Bi-200

(p,d) Levels
0 Kelvin Cross Sections



83-Bi-200

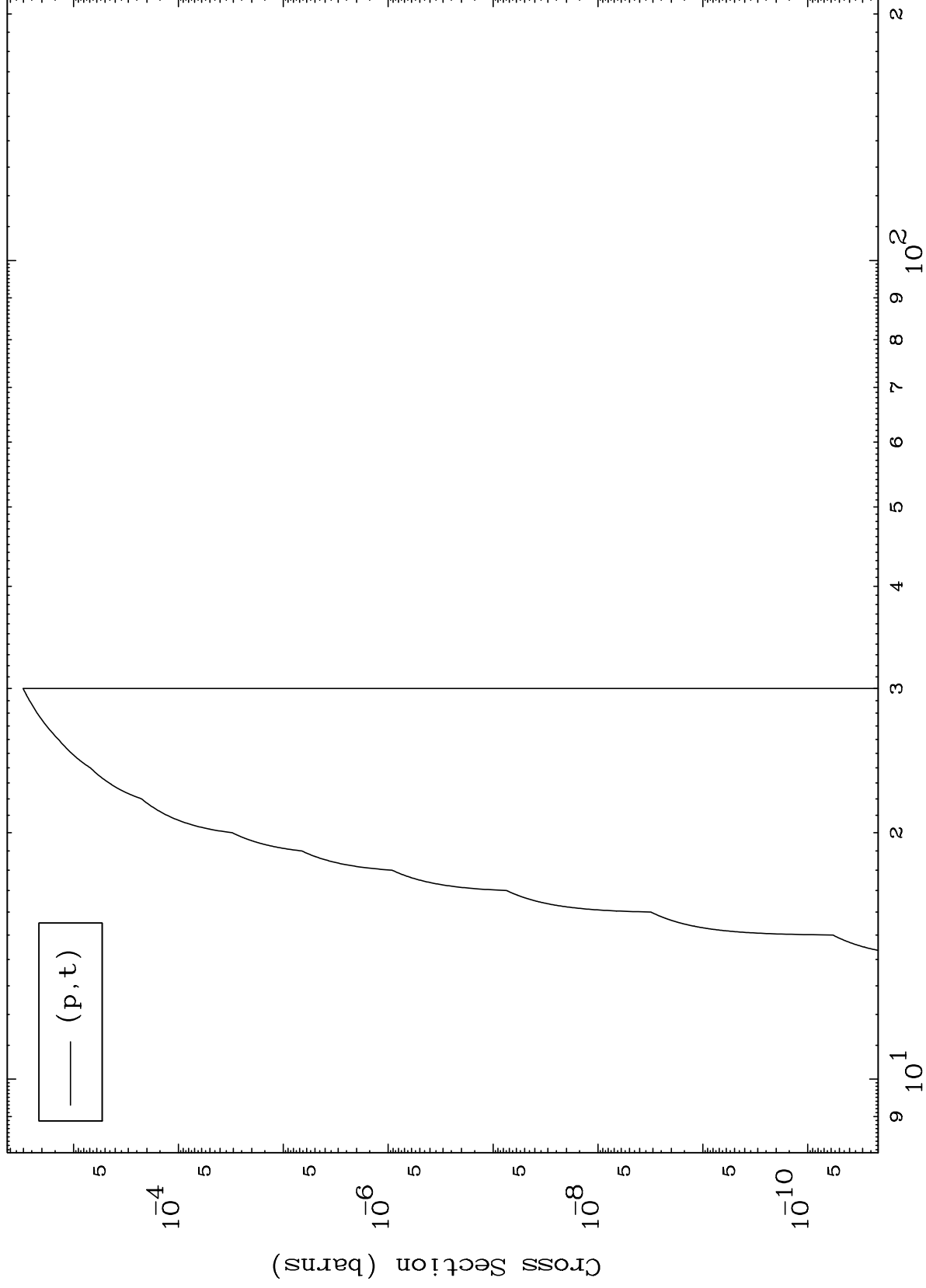
Incident Energy (MeV)

8

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83-Bi-200

(p,t) Levels
0 Kelvin Cross Sections



9

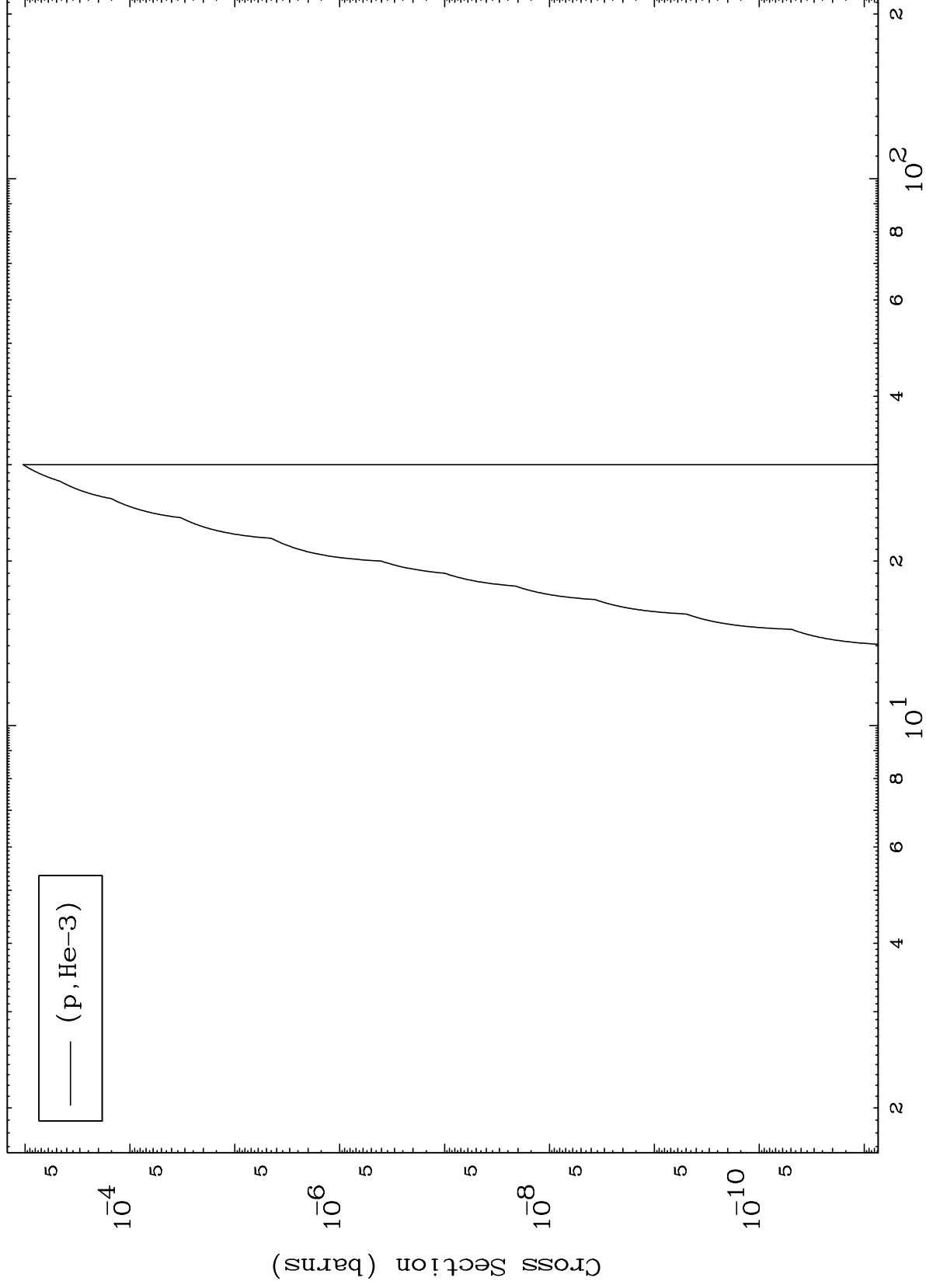
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

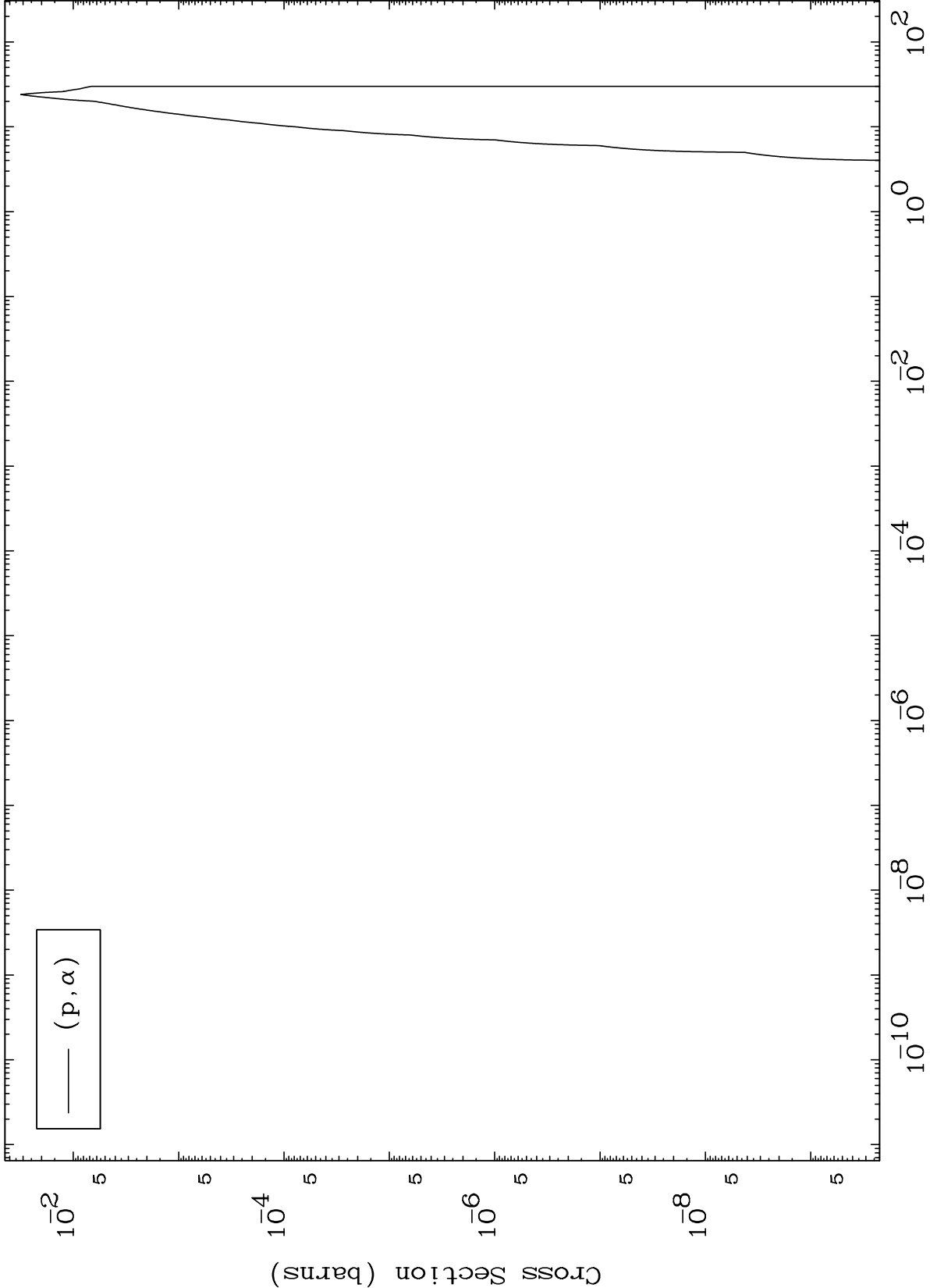
(p,He3) Levels
0 Kelvin Cross Sections

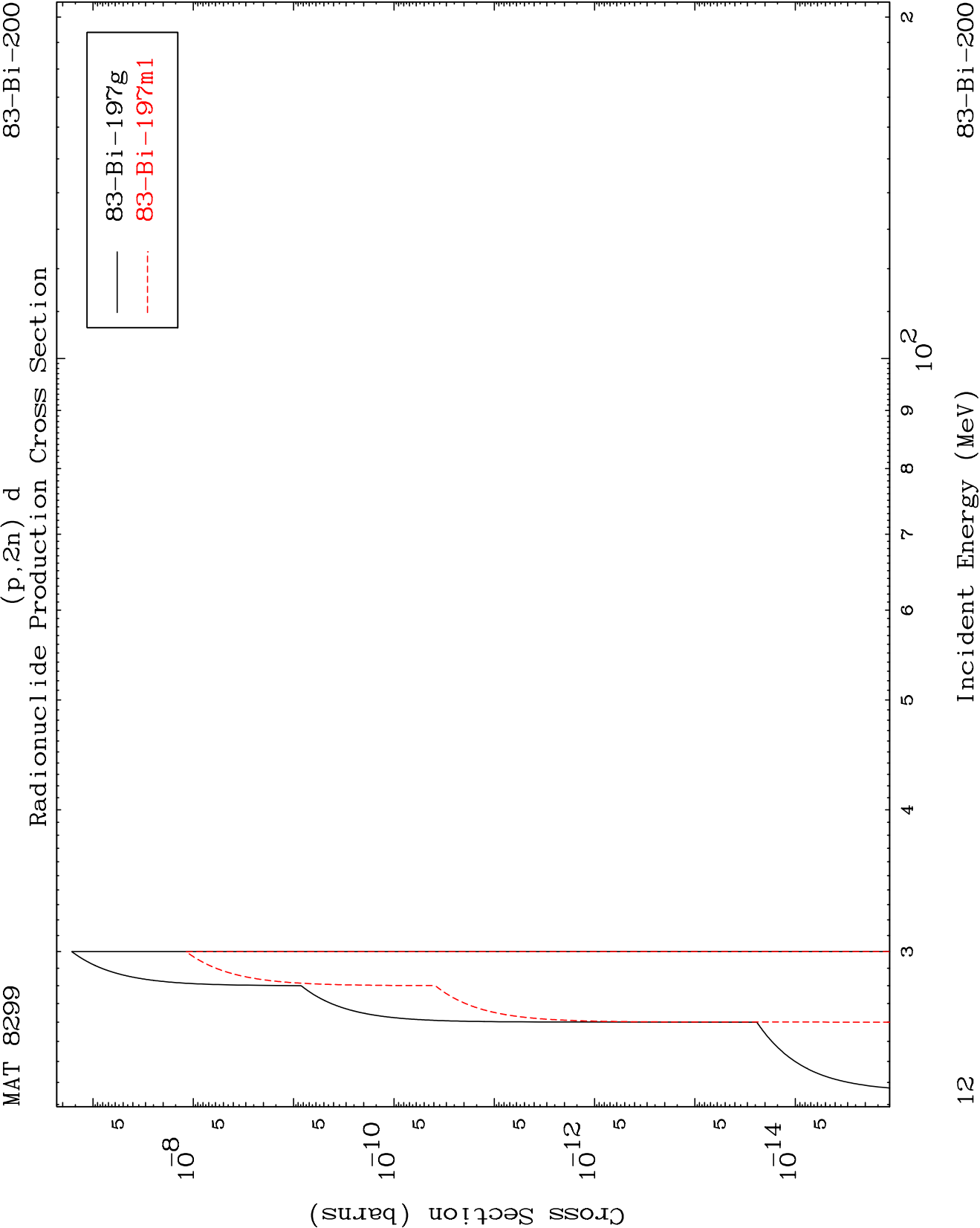


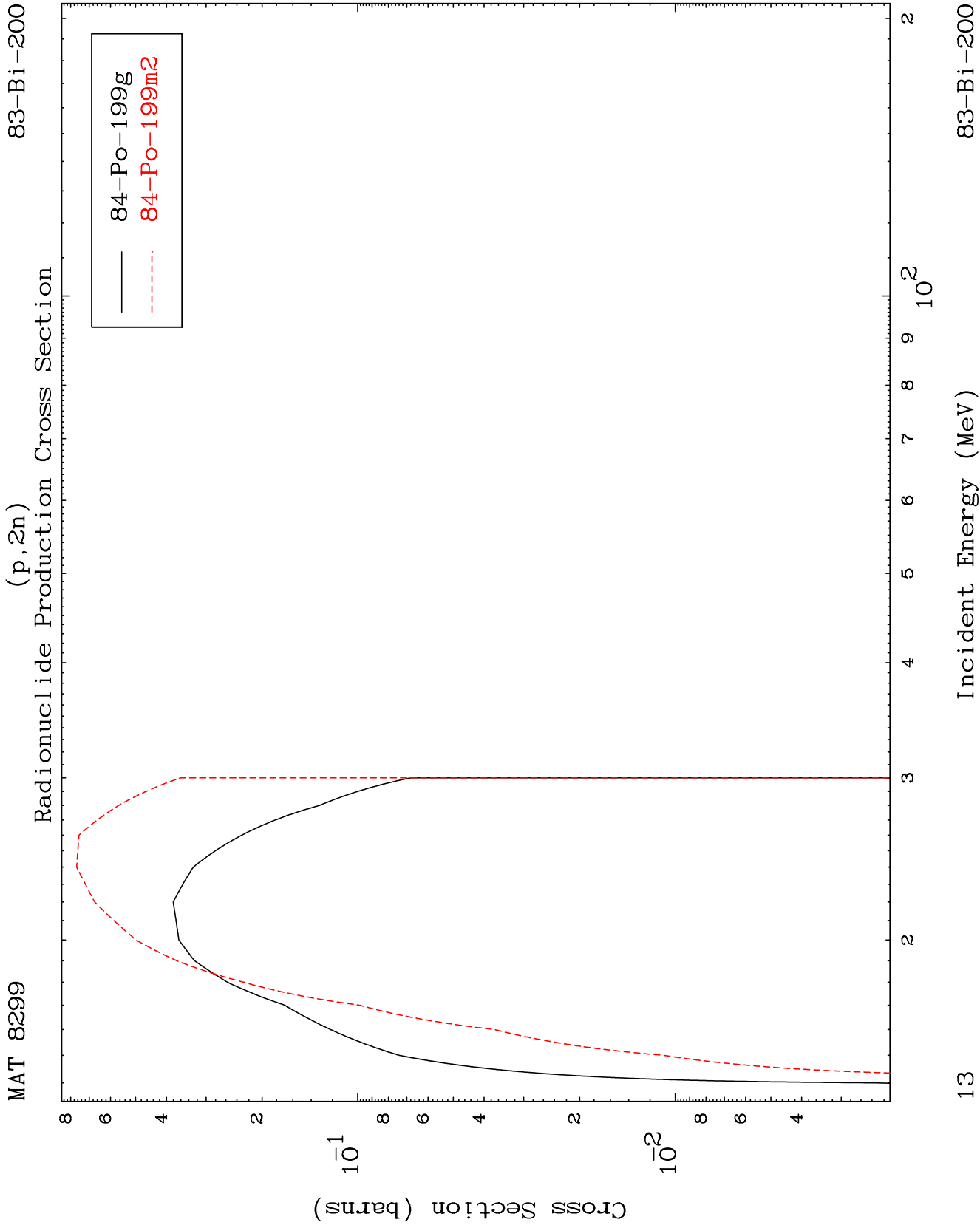
83-Bi-200

Incident Energy (MeV)

10





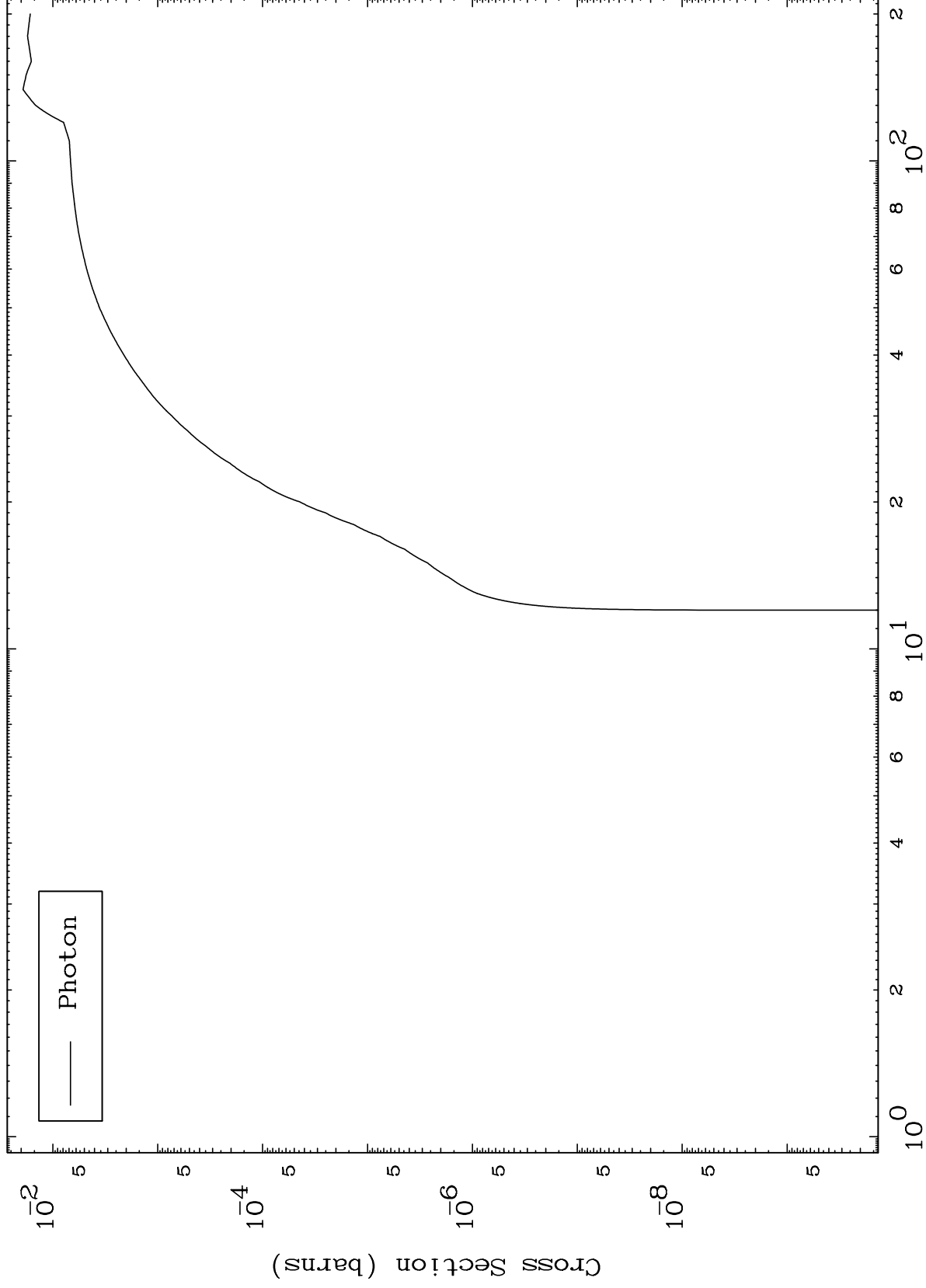


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Proton Fission

83-Bi-200

Radionuclide Production Cross Section

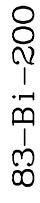


Incident Energy (MeV)

83-Bi-200

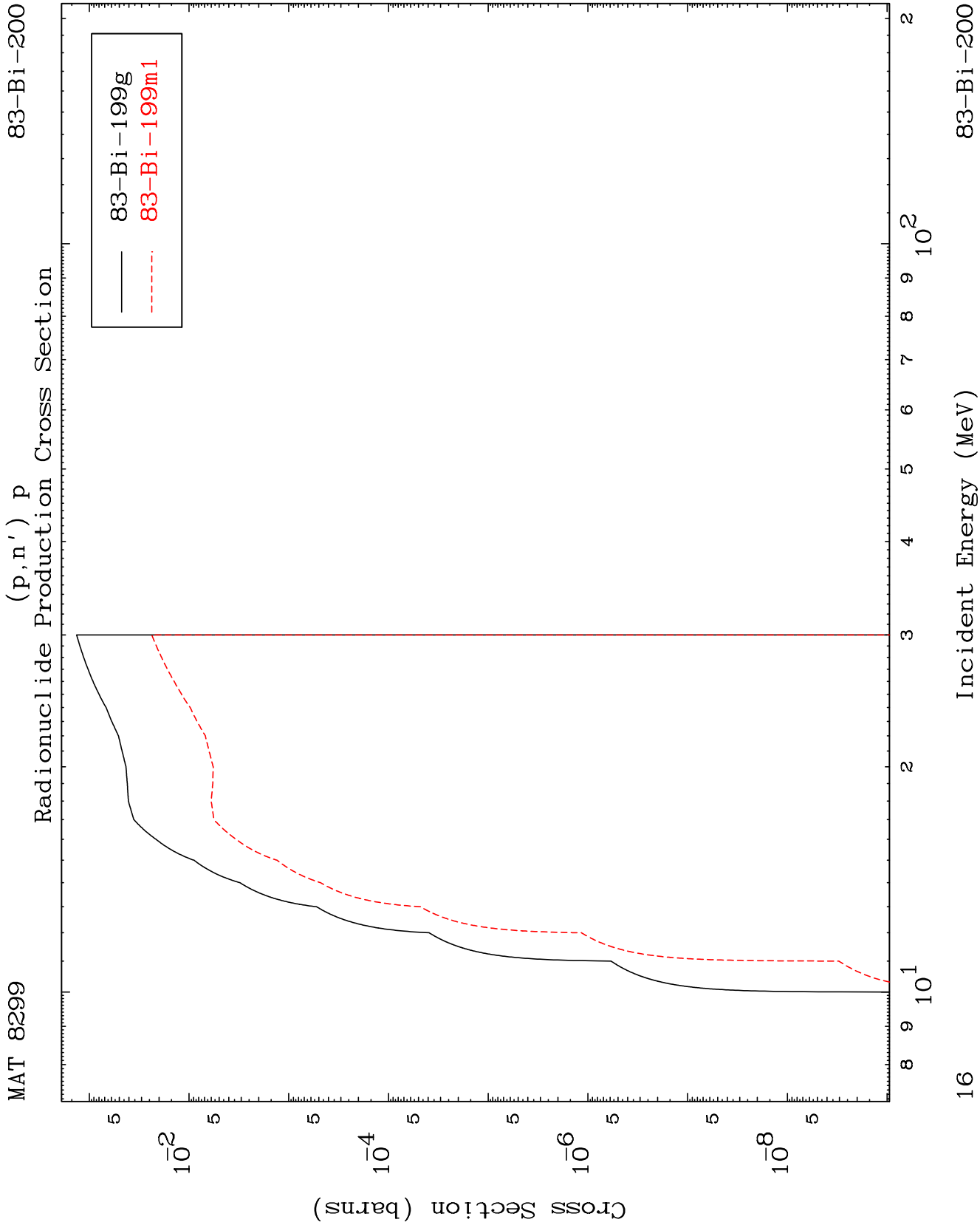
83-Bi-200

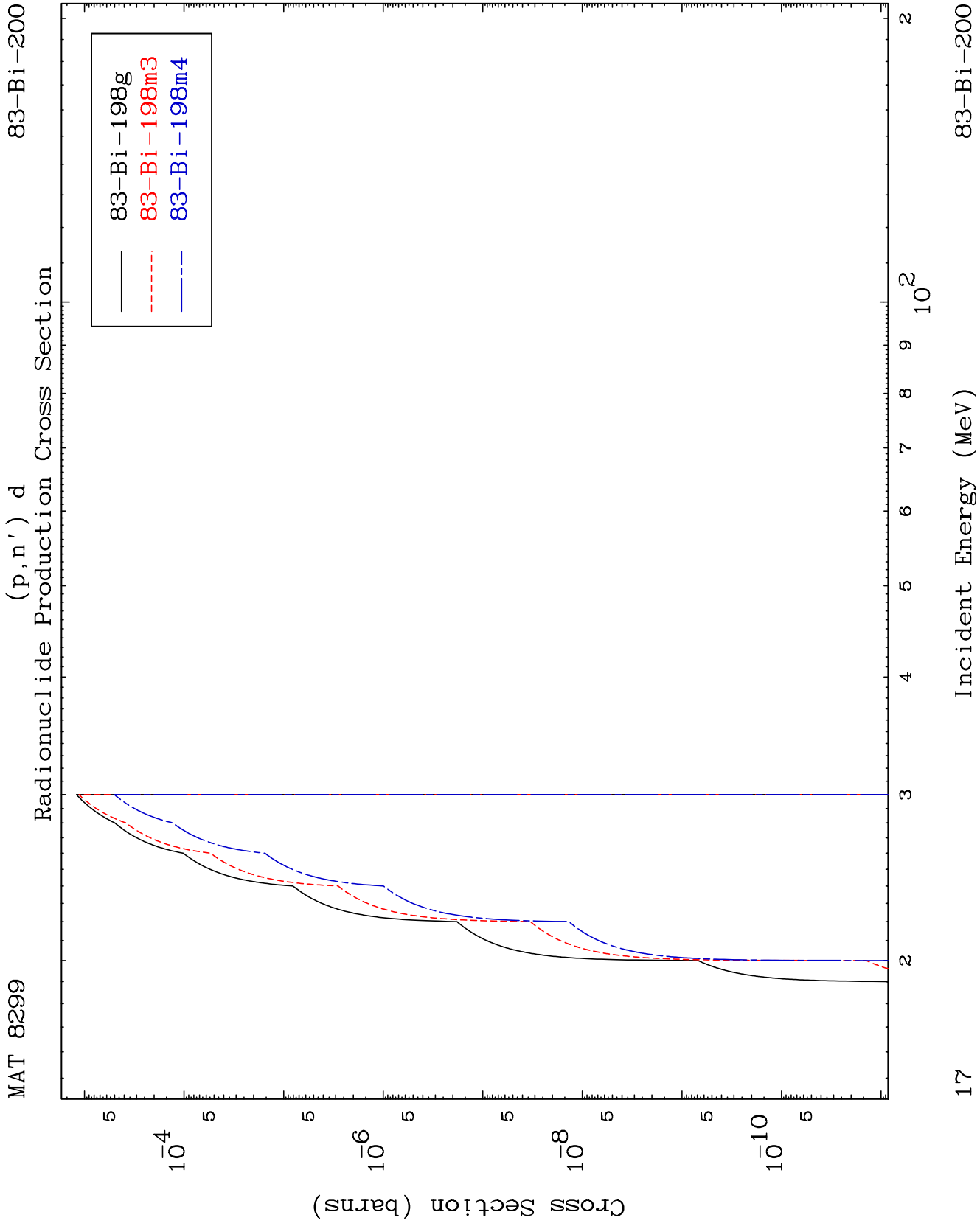
Radionuclide Production Cross Section

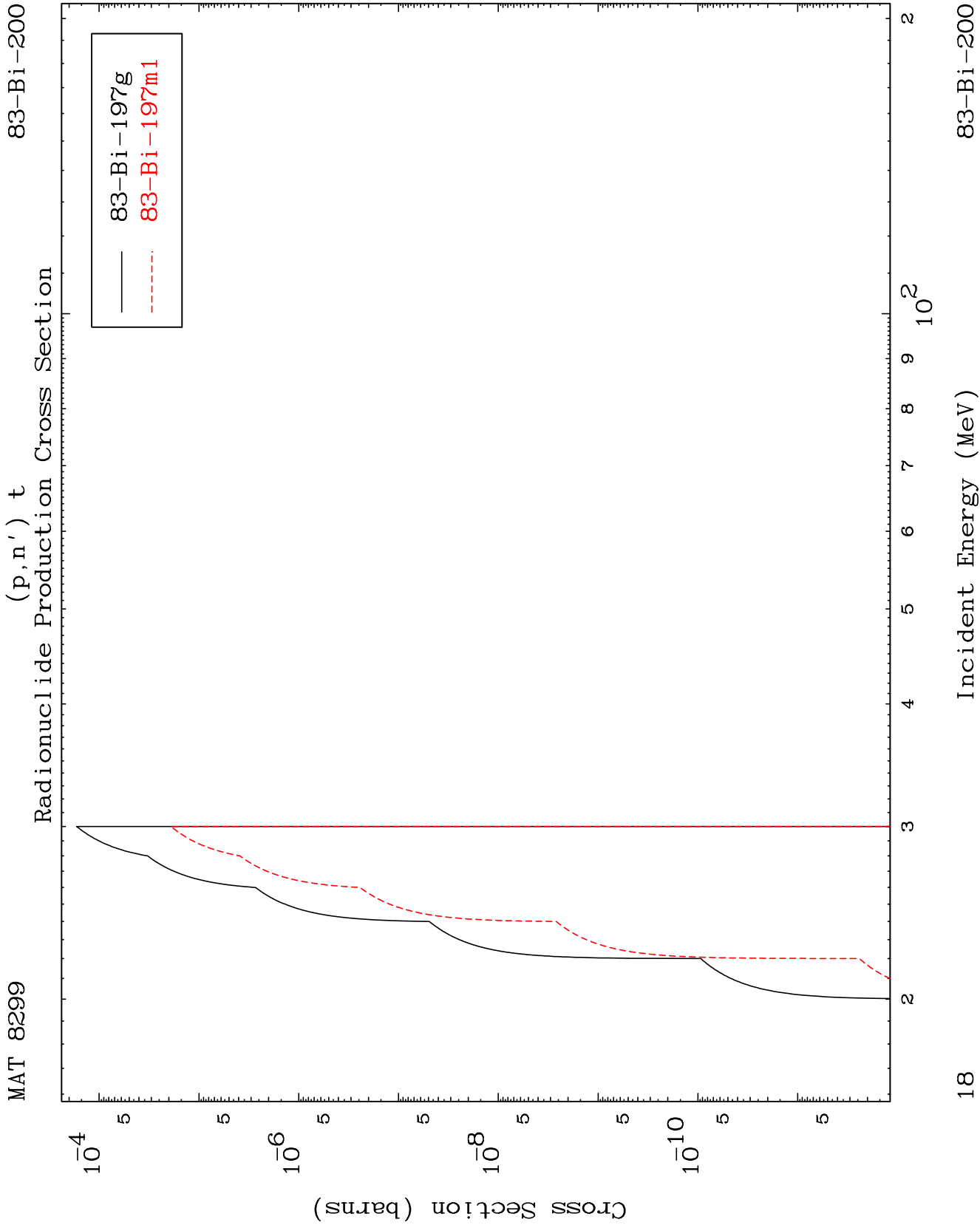


Incident Energy (MeV)

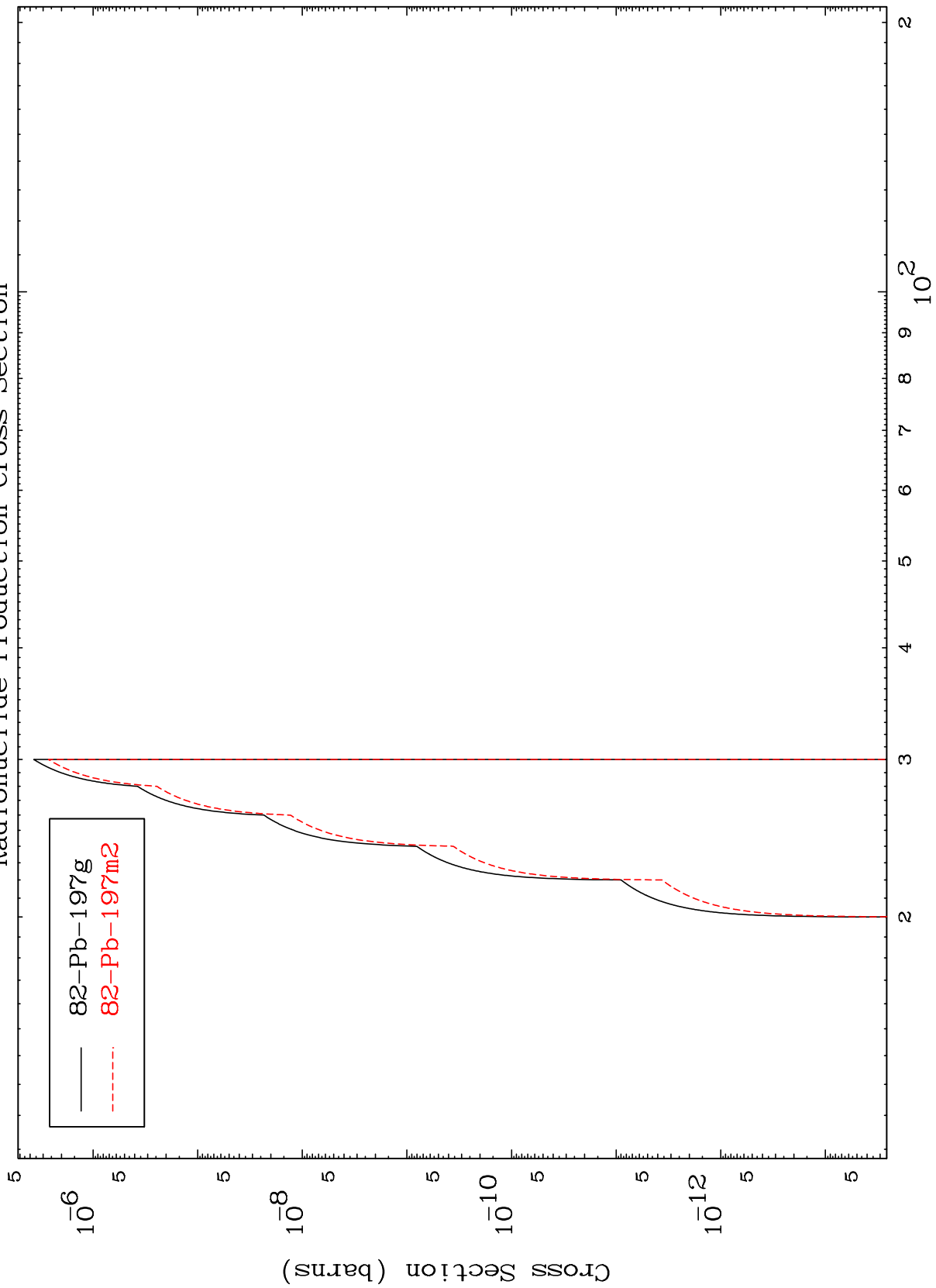
15

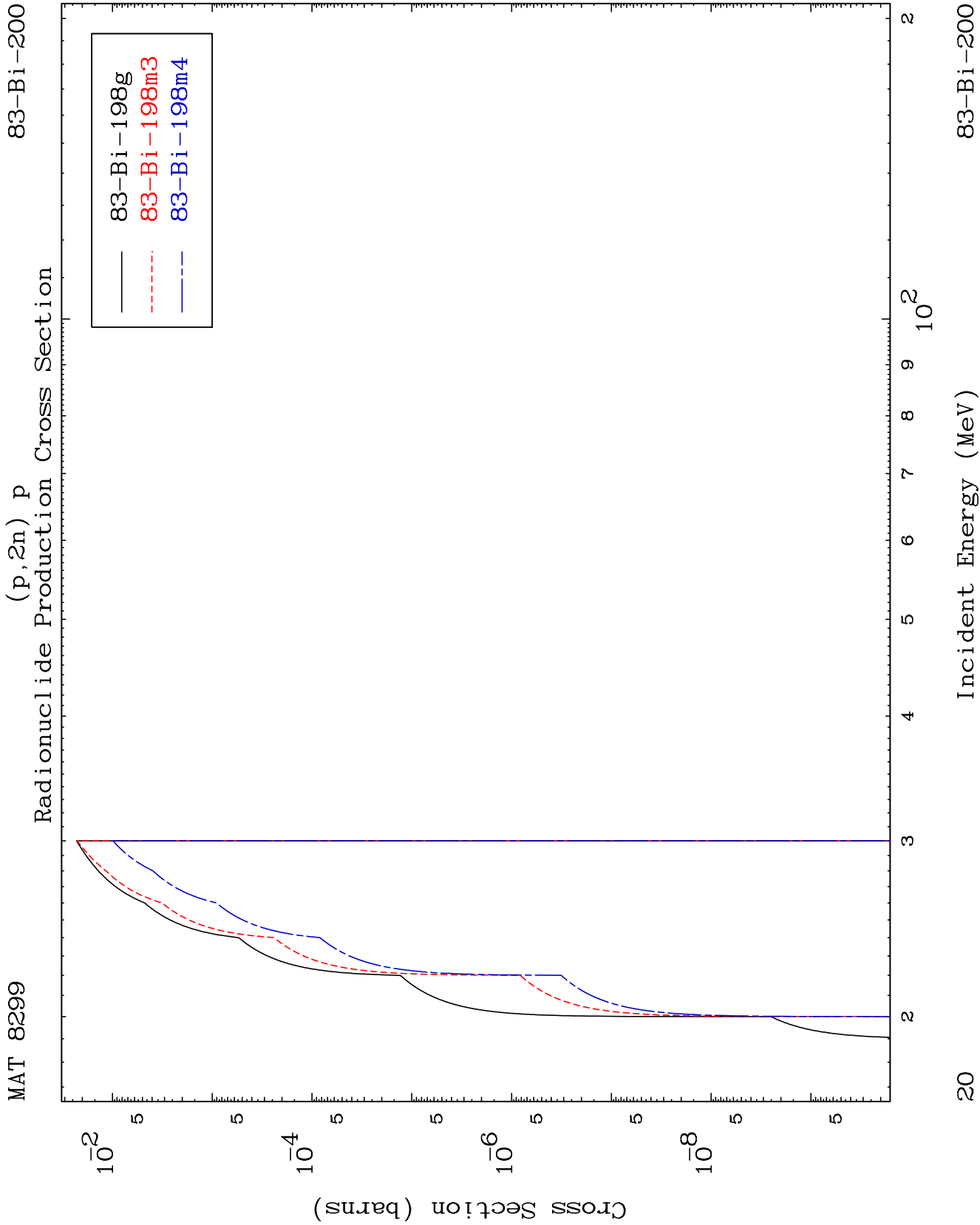




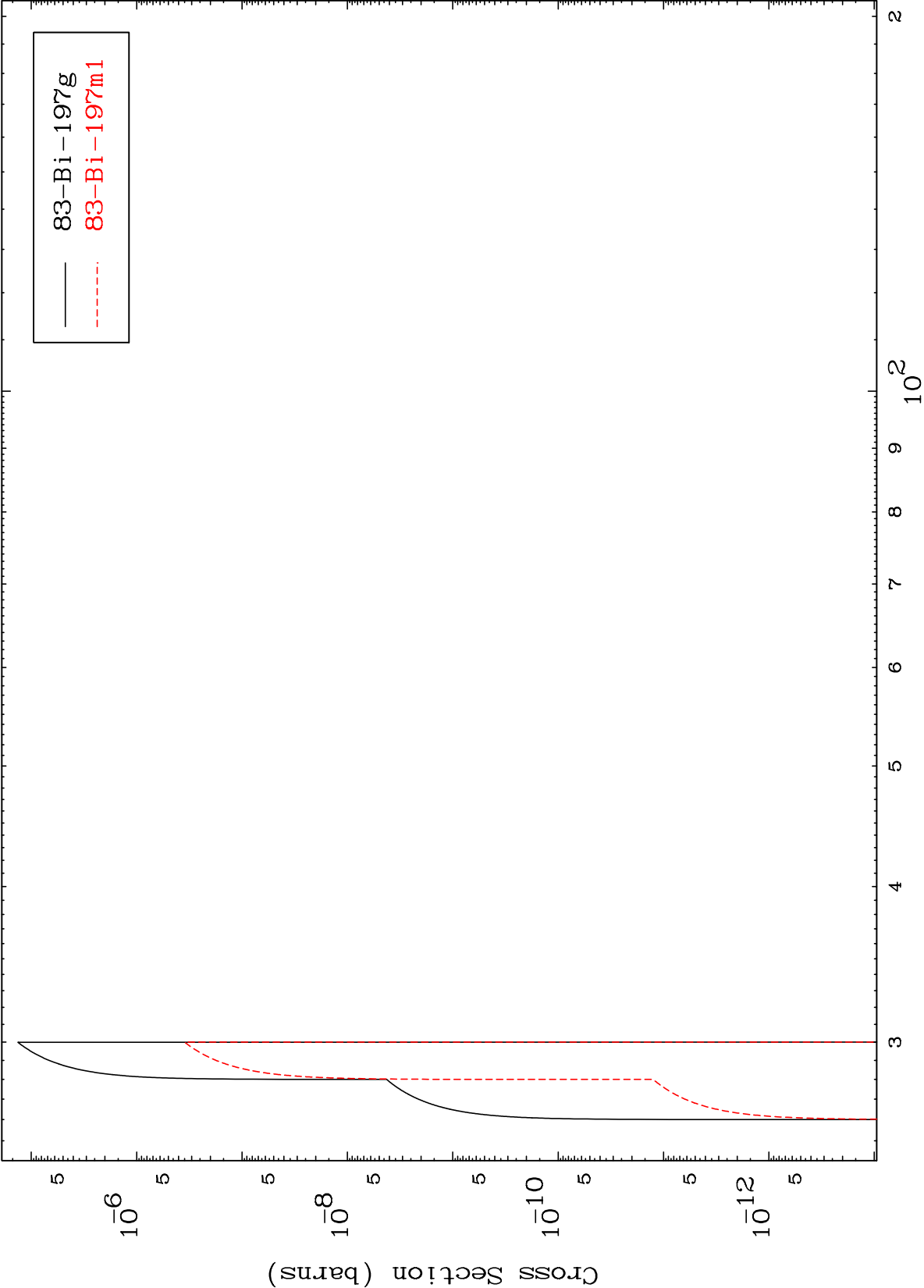


(p,n') He-3
Radionuclide Production Cross Section





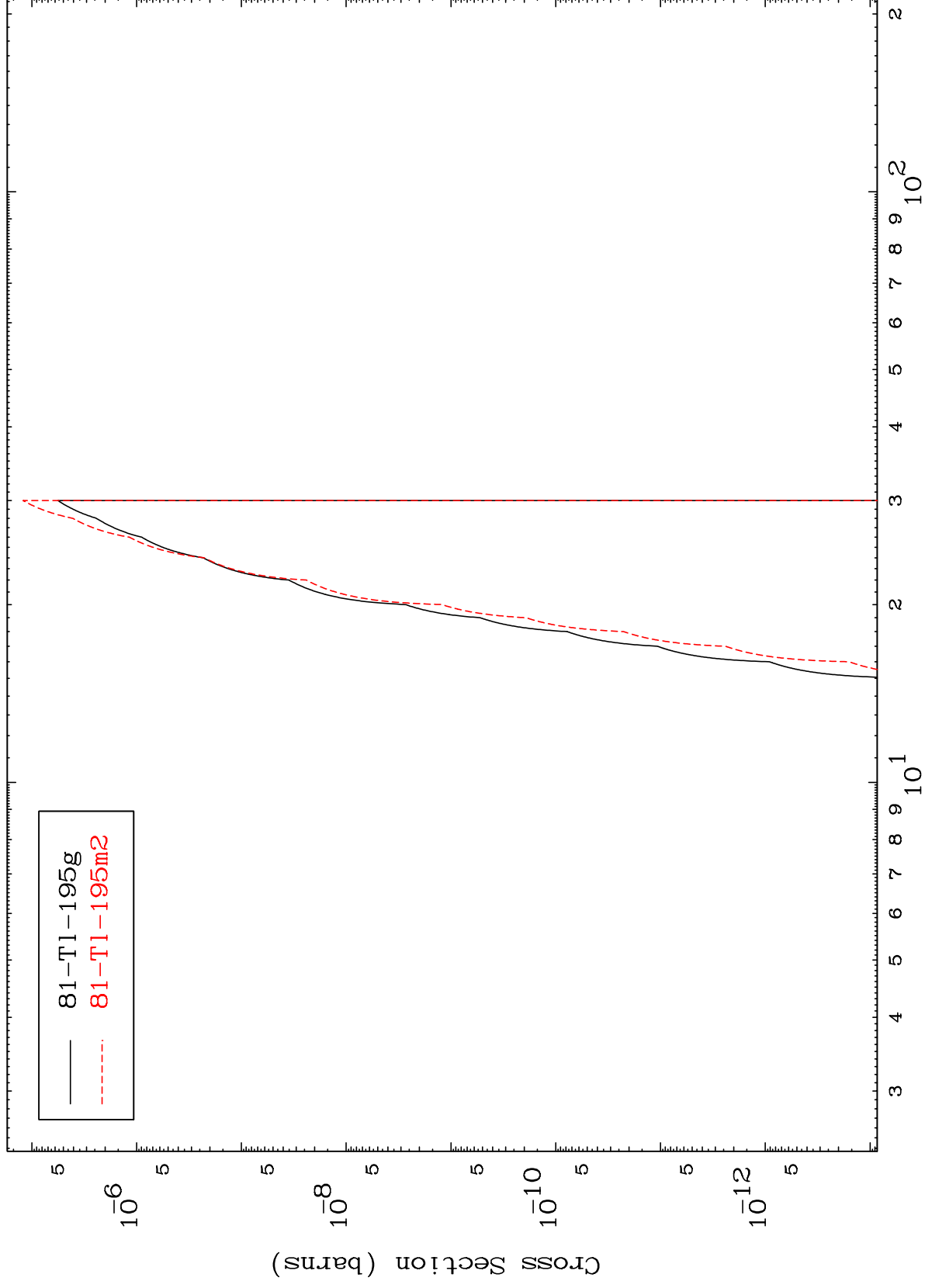
(p,3n) p
Radionuclide Production Cross Section



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83-Bi-200

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



22

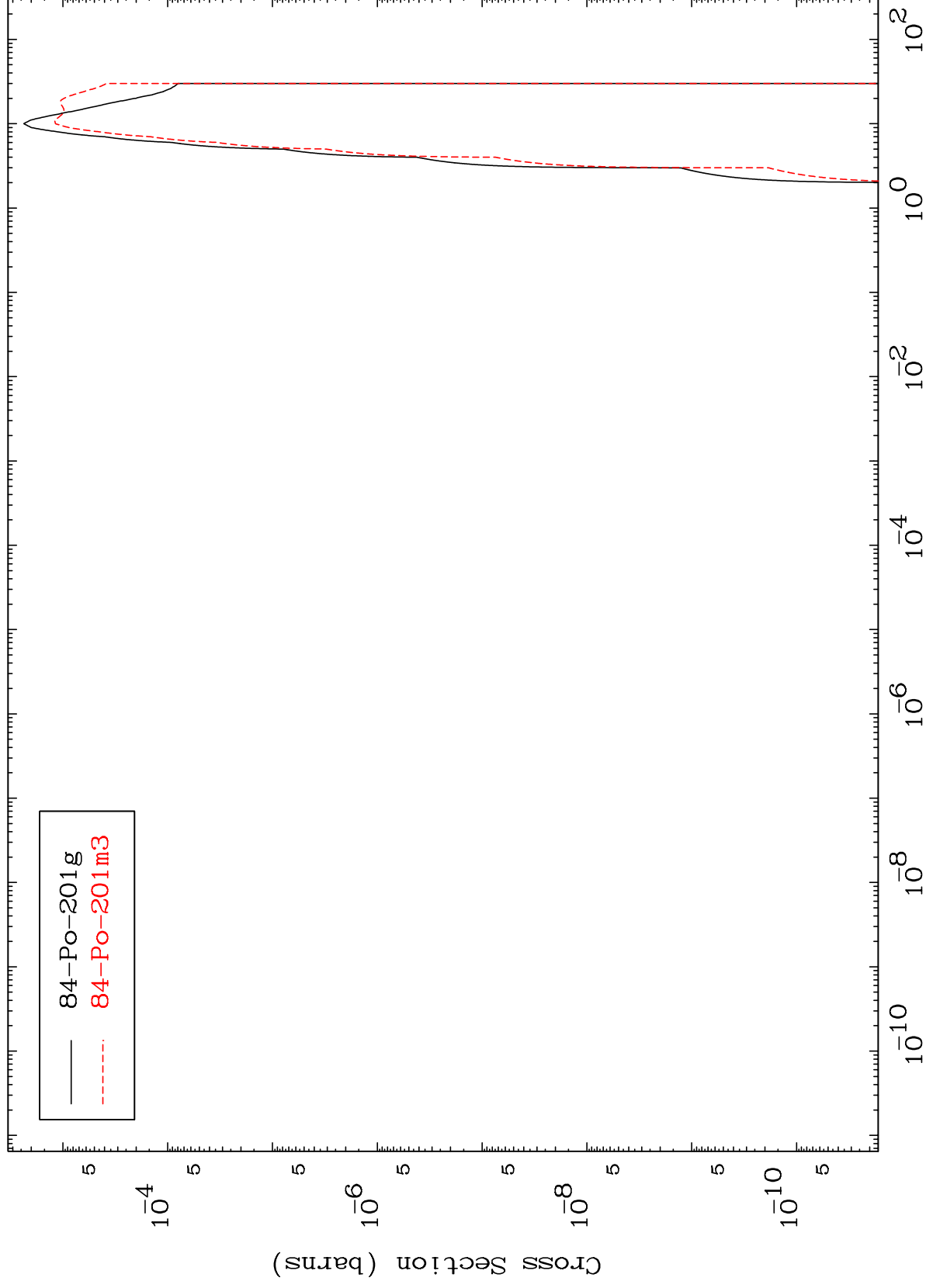
Incident Energy (MeV)

83-Bi-200

MAT 8299

83-Bi-200

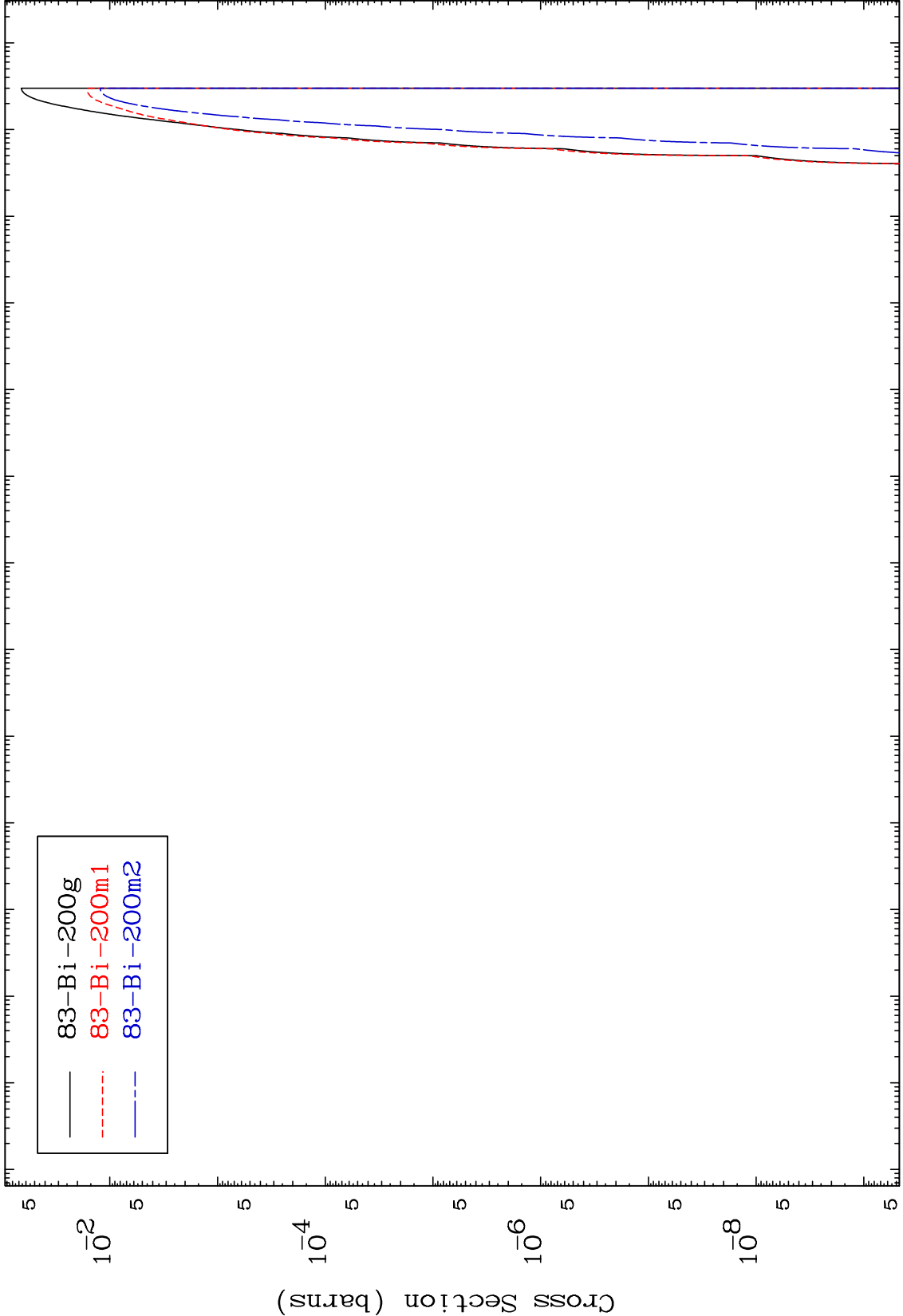
Radionuclide Production Cross Section
(p, γ)



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83-Bi-200

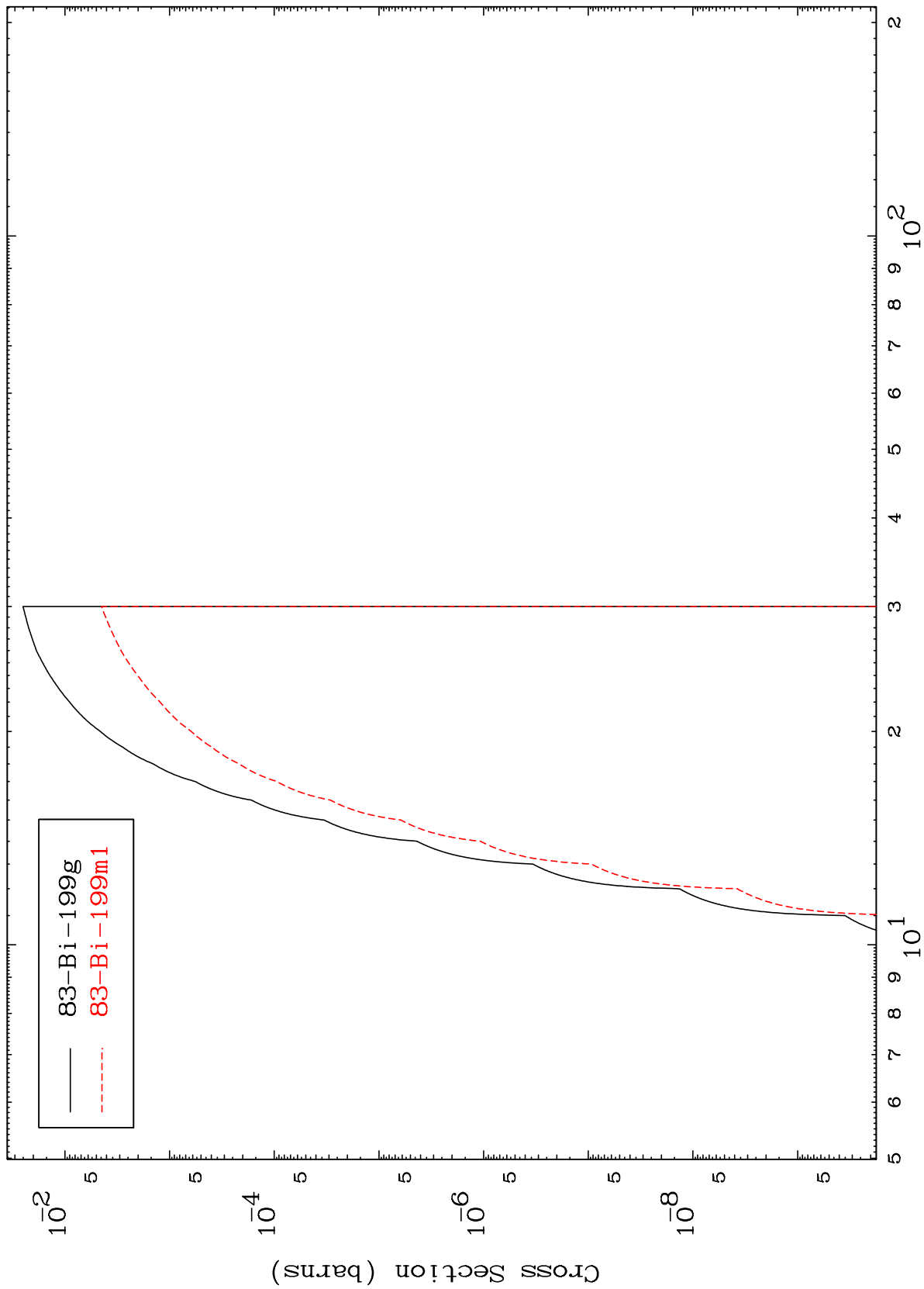
(p,p)
Radionuclide Production Cross Section



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83-Bi-200

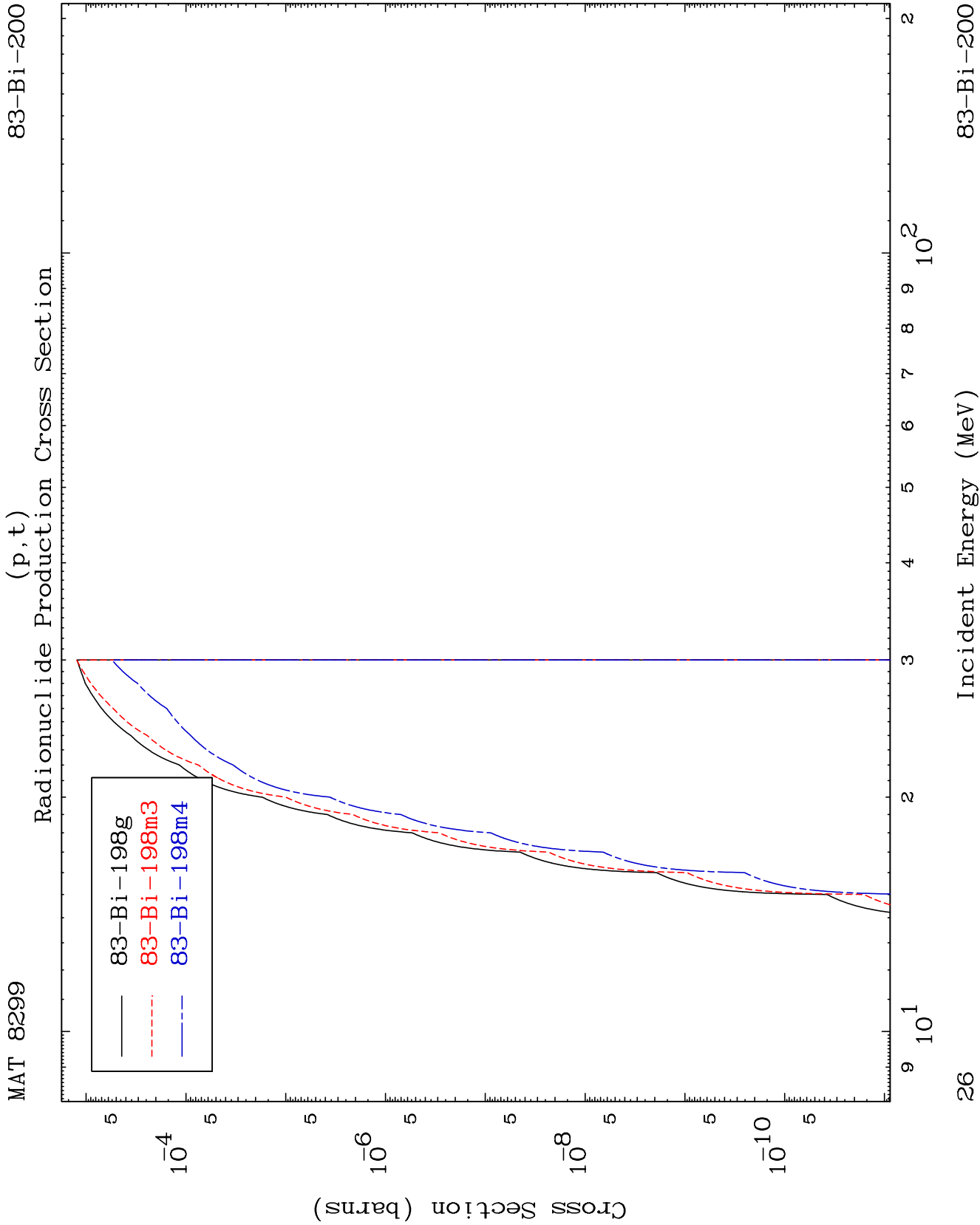
(p,d)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

83-Bi-200

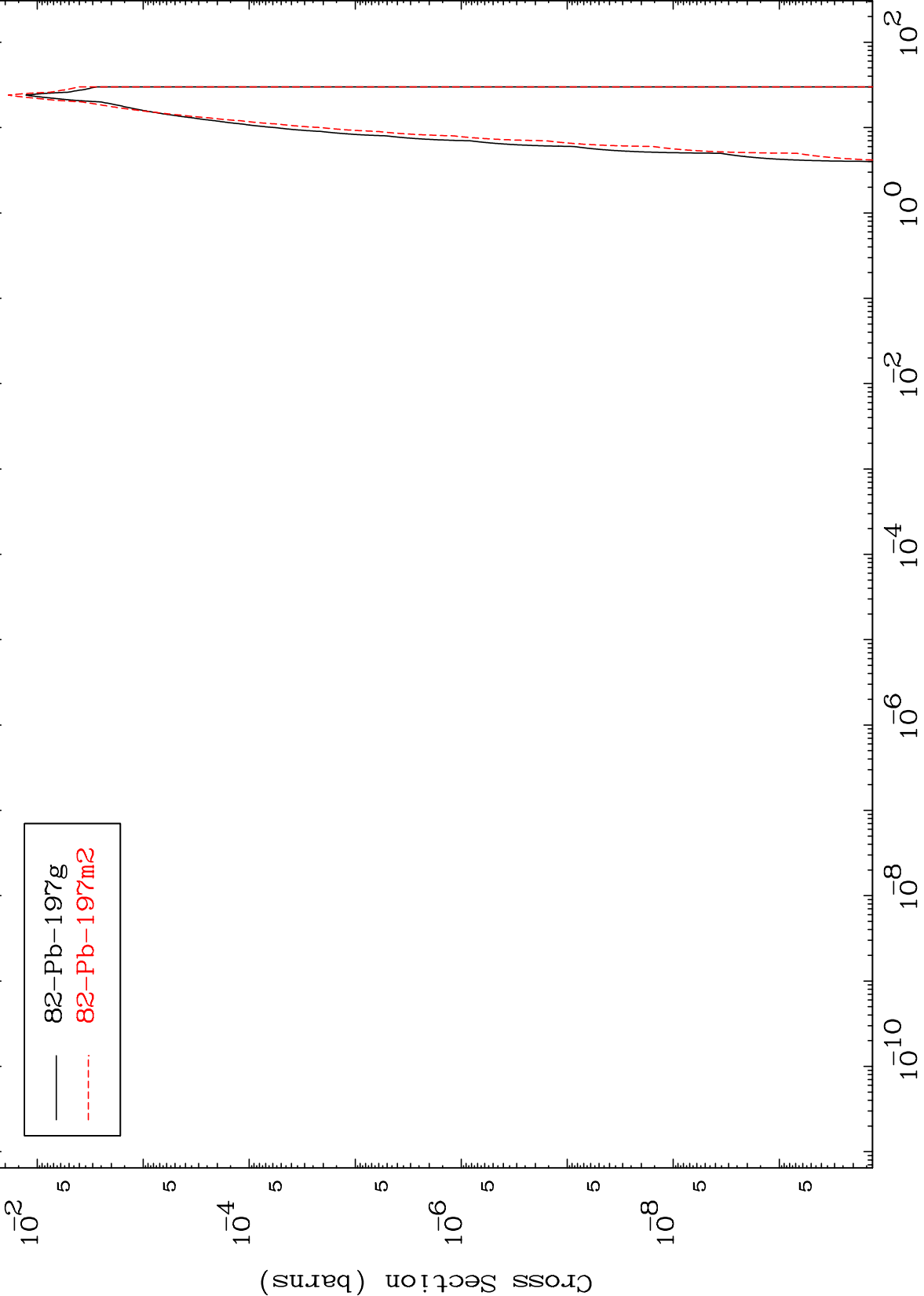


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(p, α)

83-Bi-200

Radionuclide Production Cross Section



27

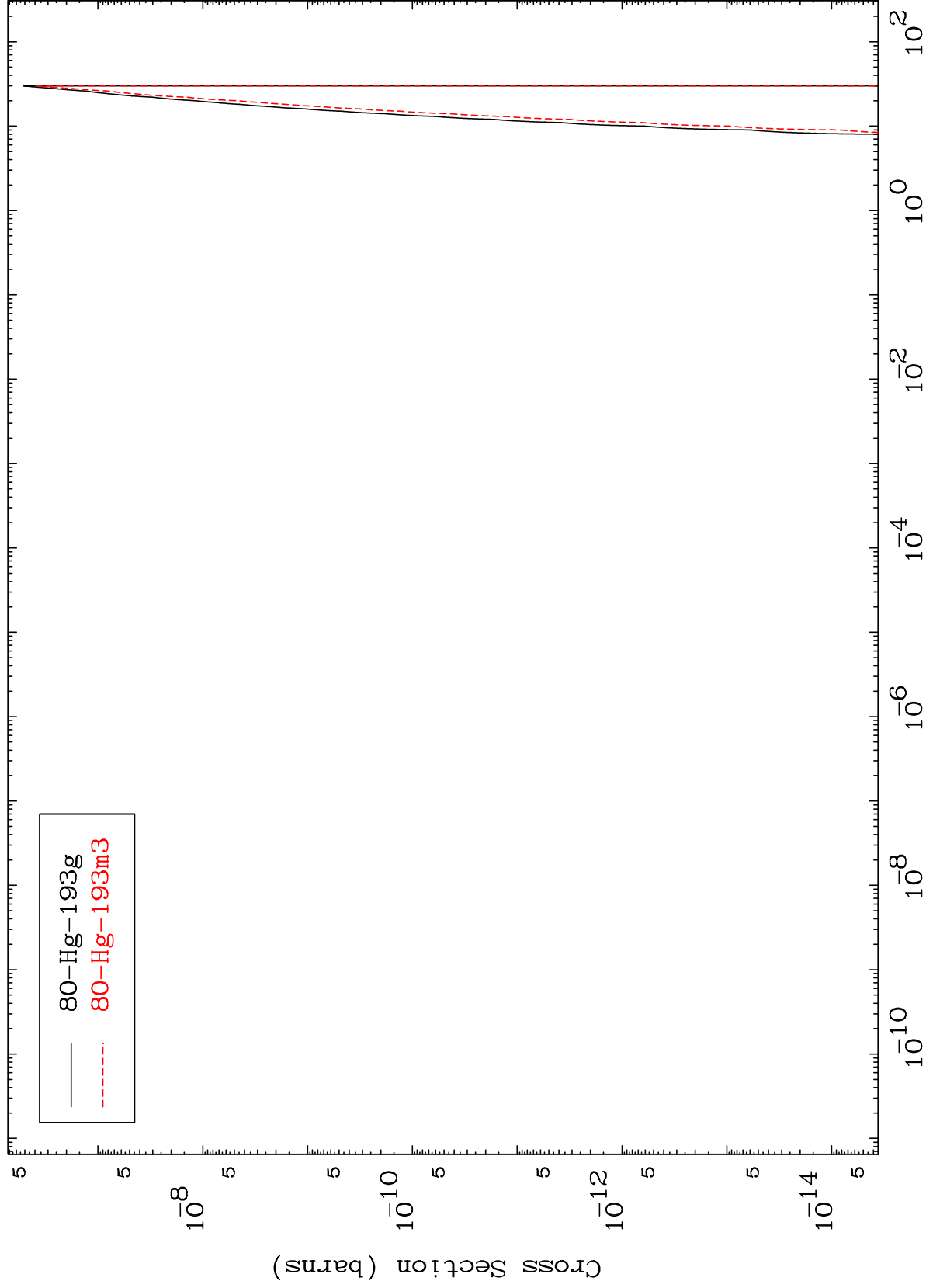
Incident Energy (MeV)

83-Bi-200

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83-Bi-200

(p,2 α)
Radionuclide Production Cross Section

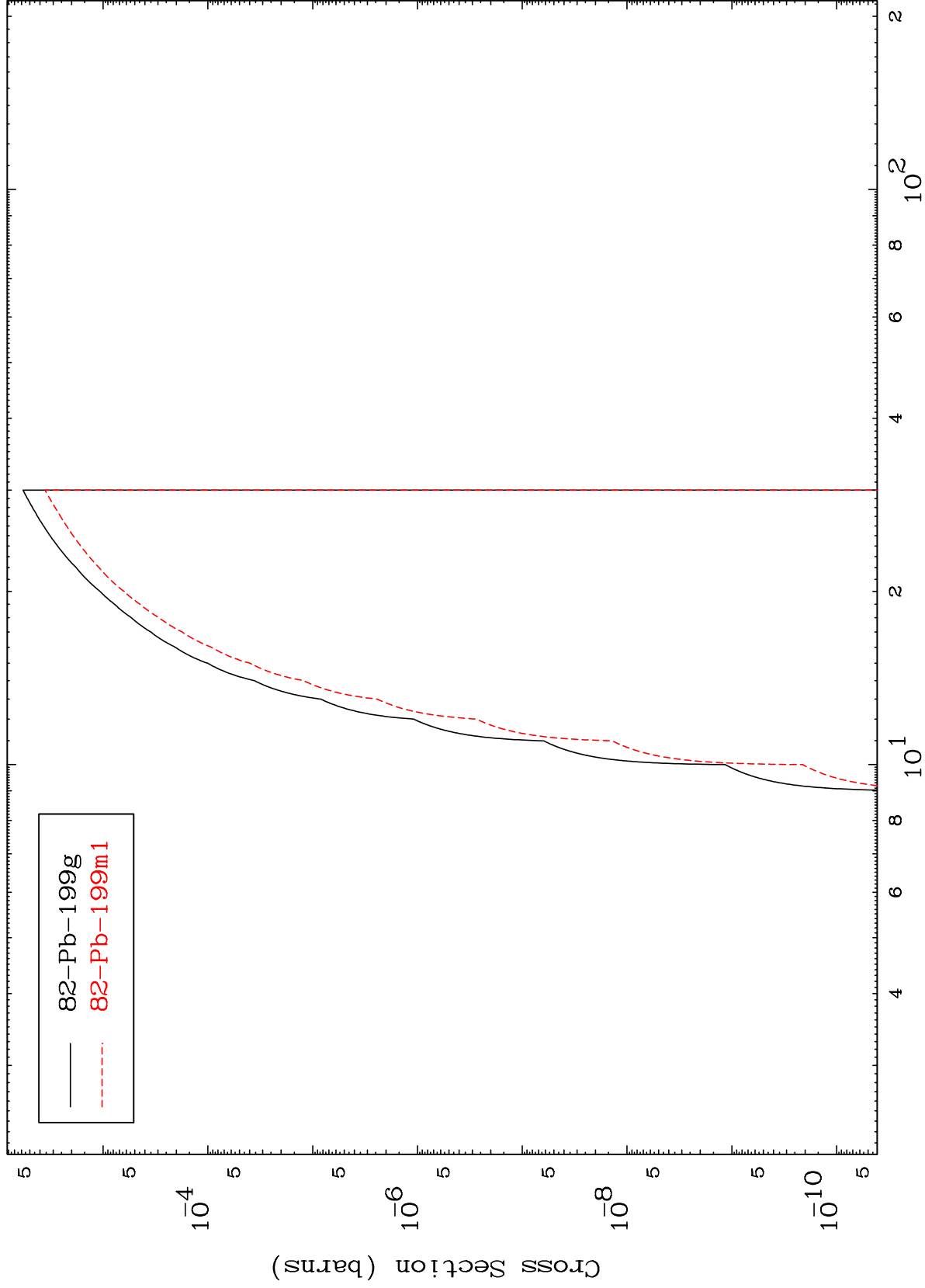


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83-Bi-200

Incident Energy (MeV)

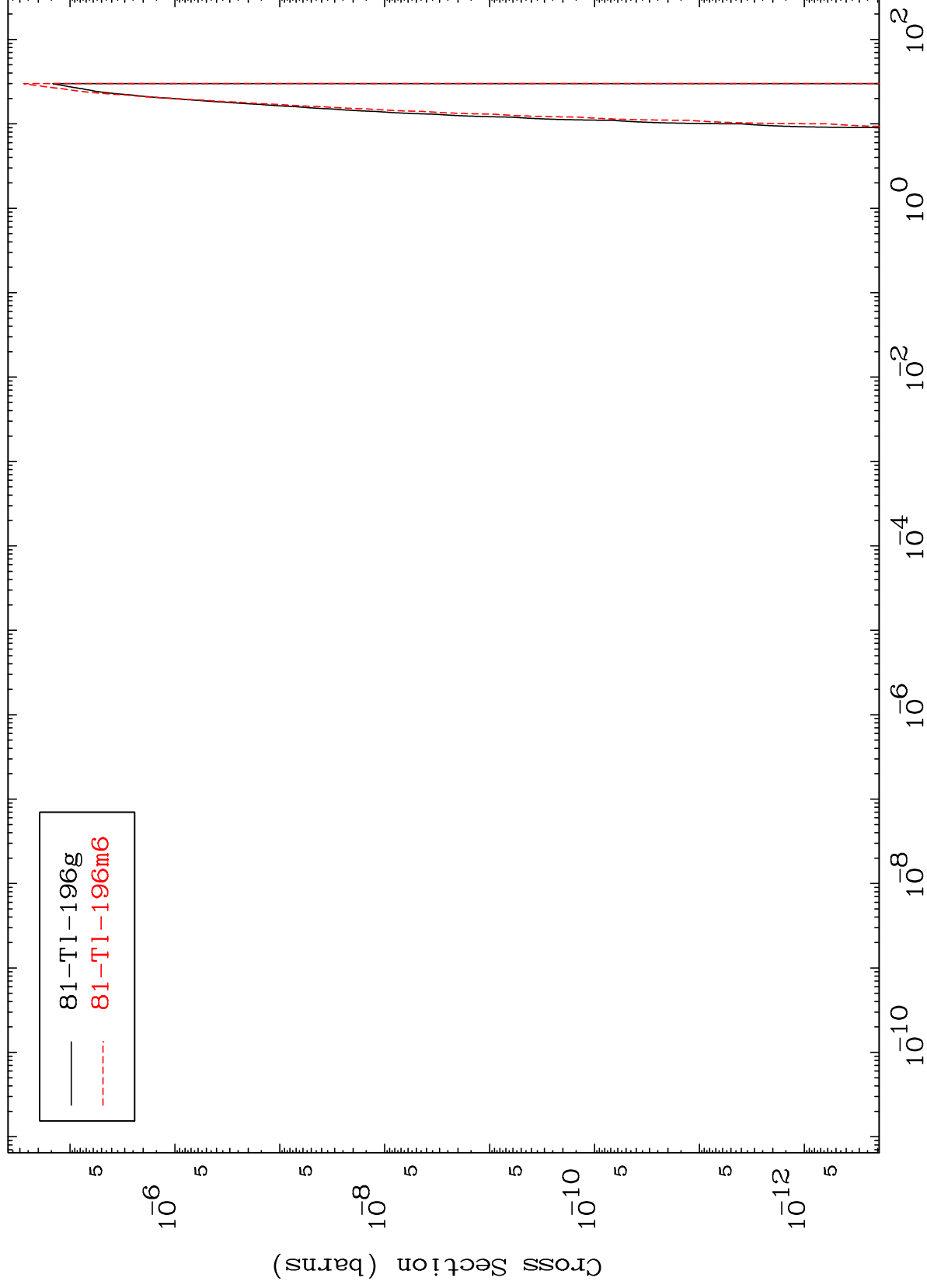
Radionuclide Production Cross Section (p,2p)



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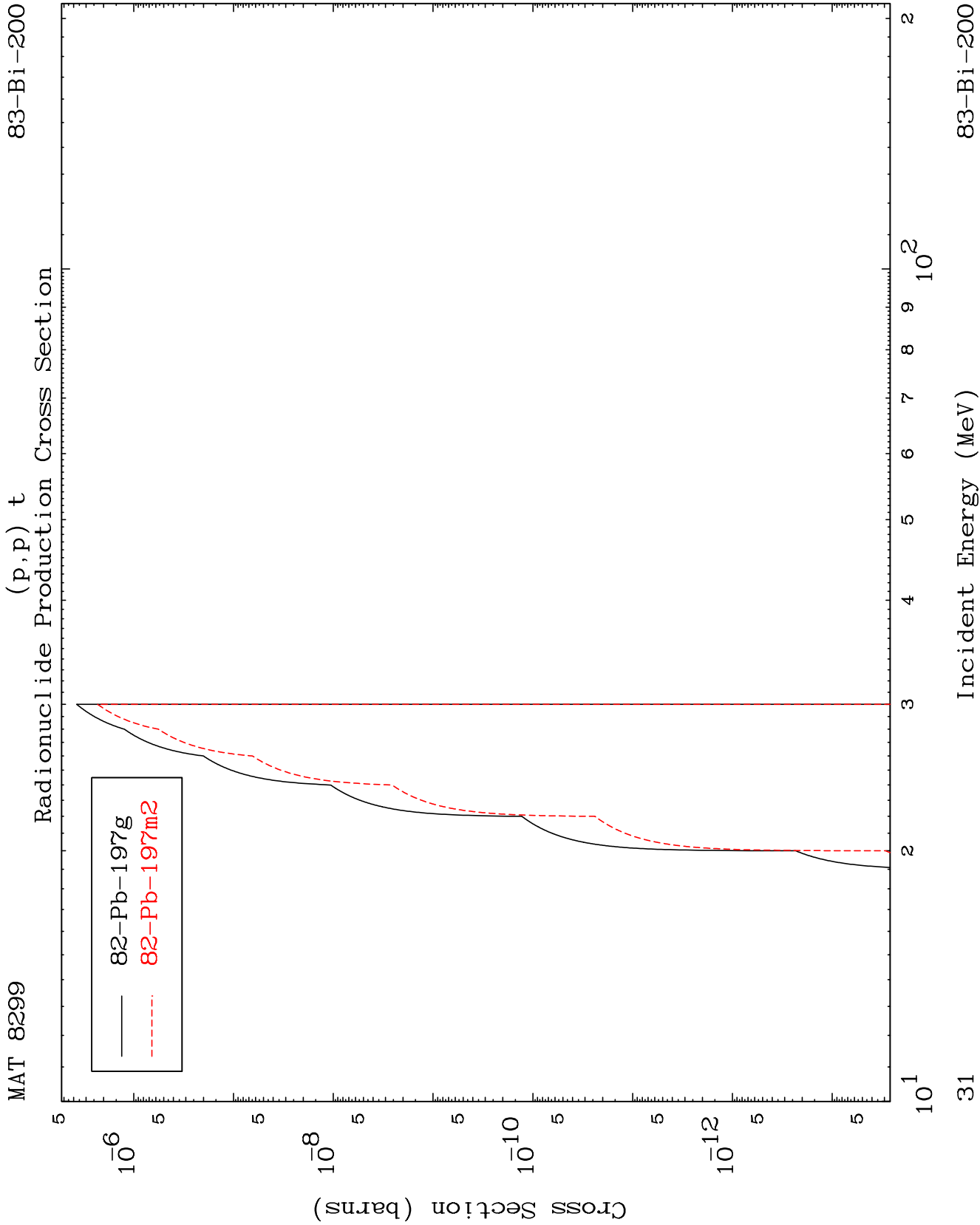
83-Bi-200

(p,p) α
Radionuclide Production Cross Section



30

83-Bi-200

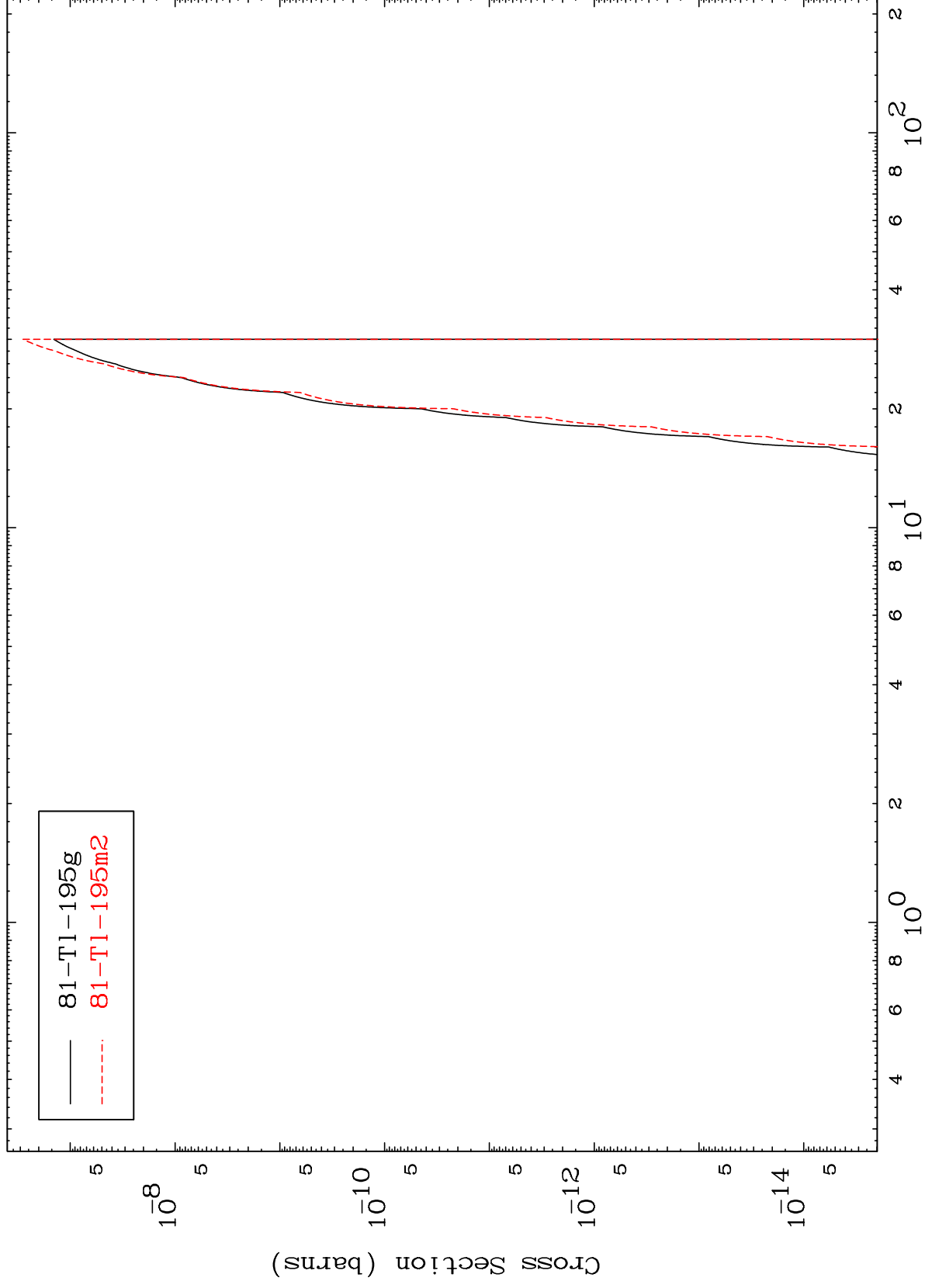


MAT 8299

(p,d) α

83-Bi-200

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-200