

Program EVALPLOT
(Version 2018-1)

by

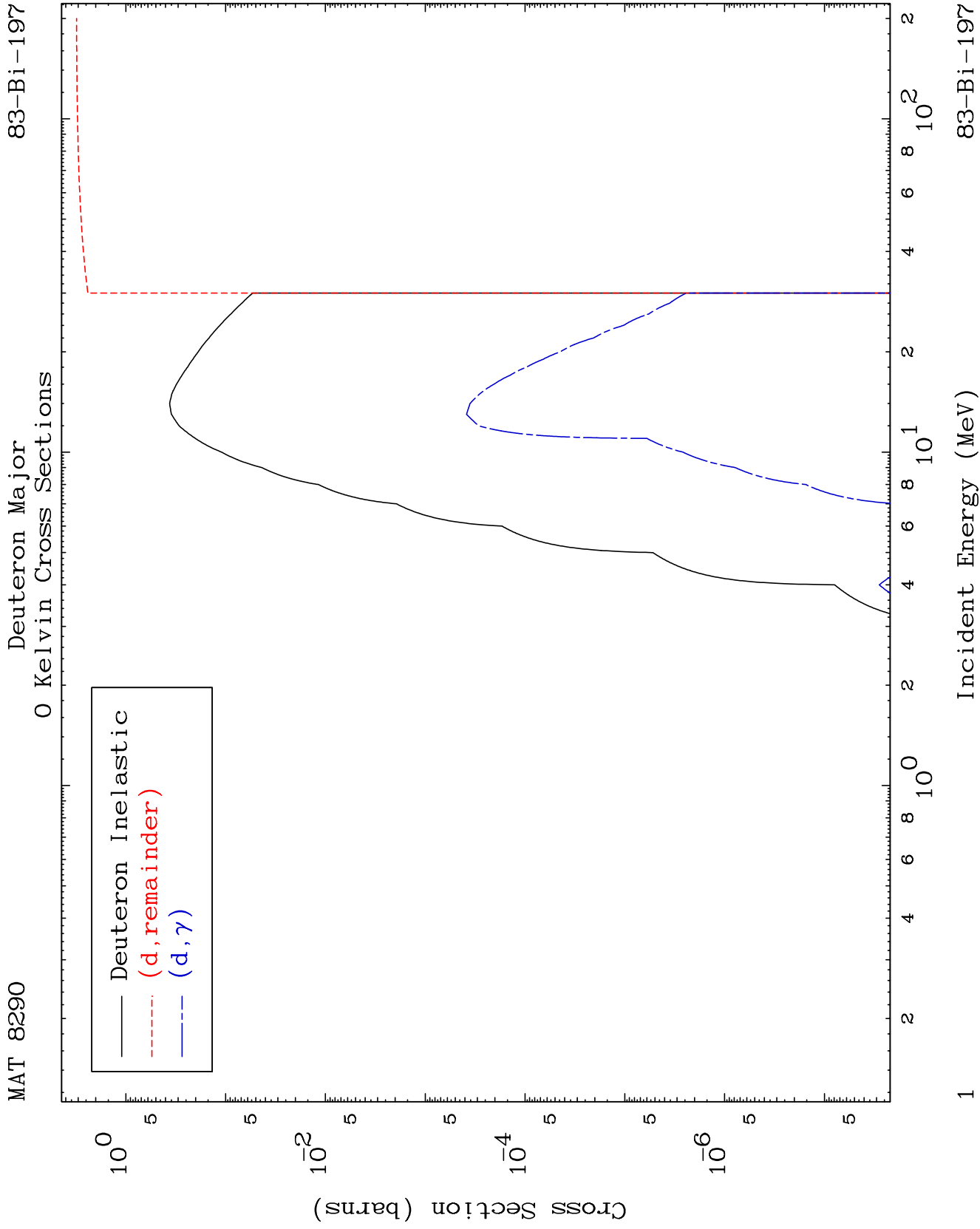
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

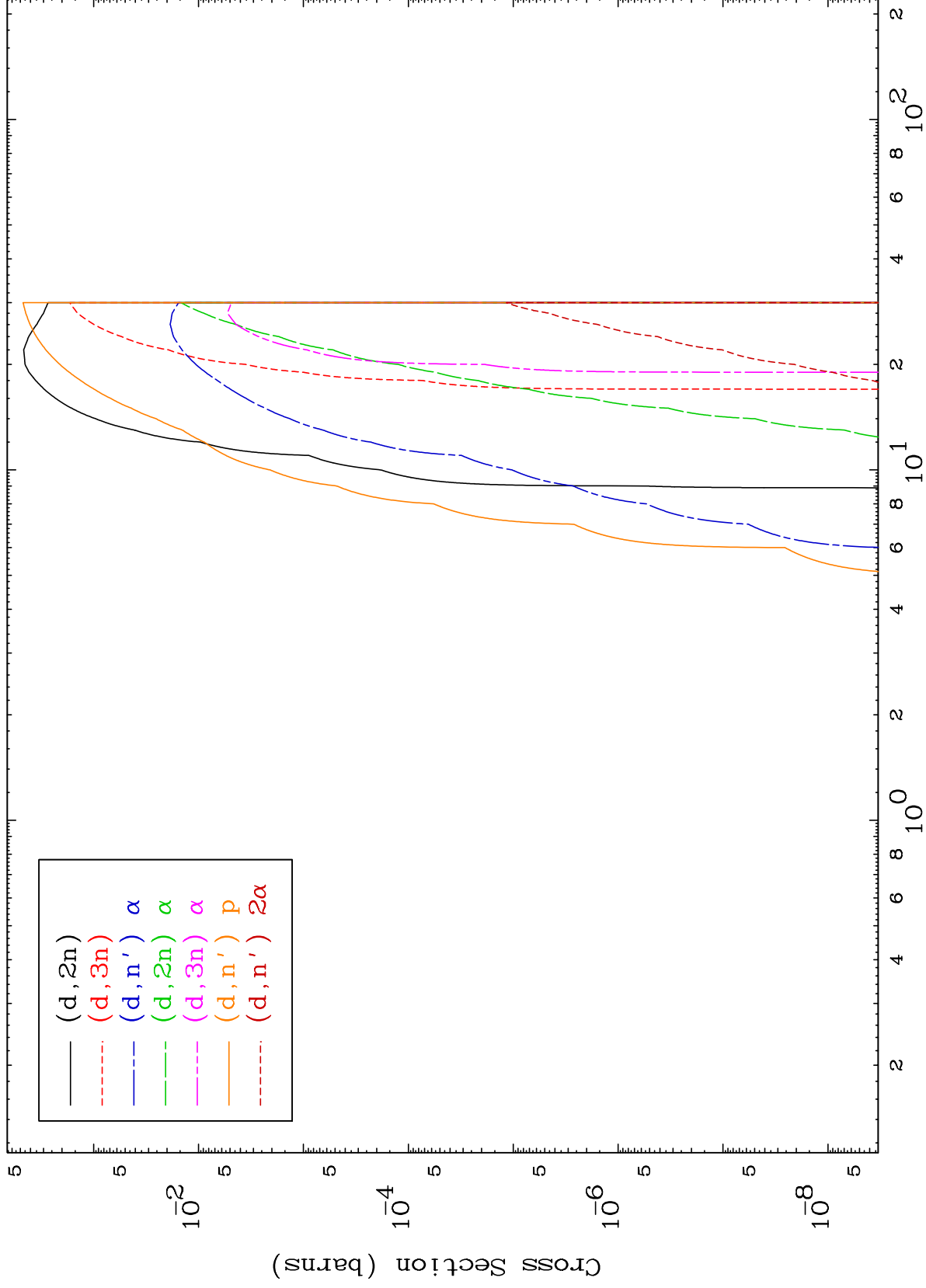
Press Mouse Button to Start



MAT 8290

Deuteron Neutron Production
0 Kelvin Cross Sections

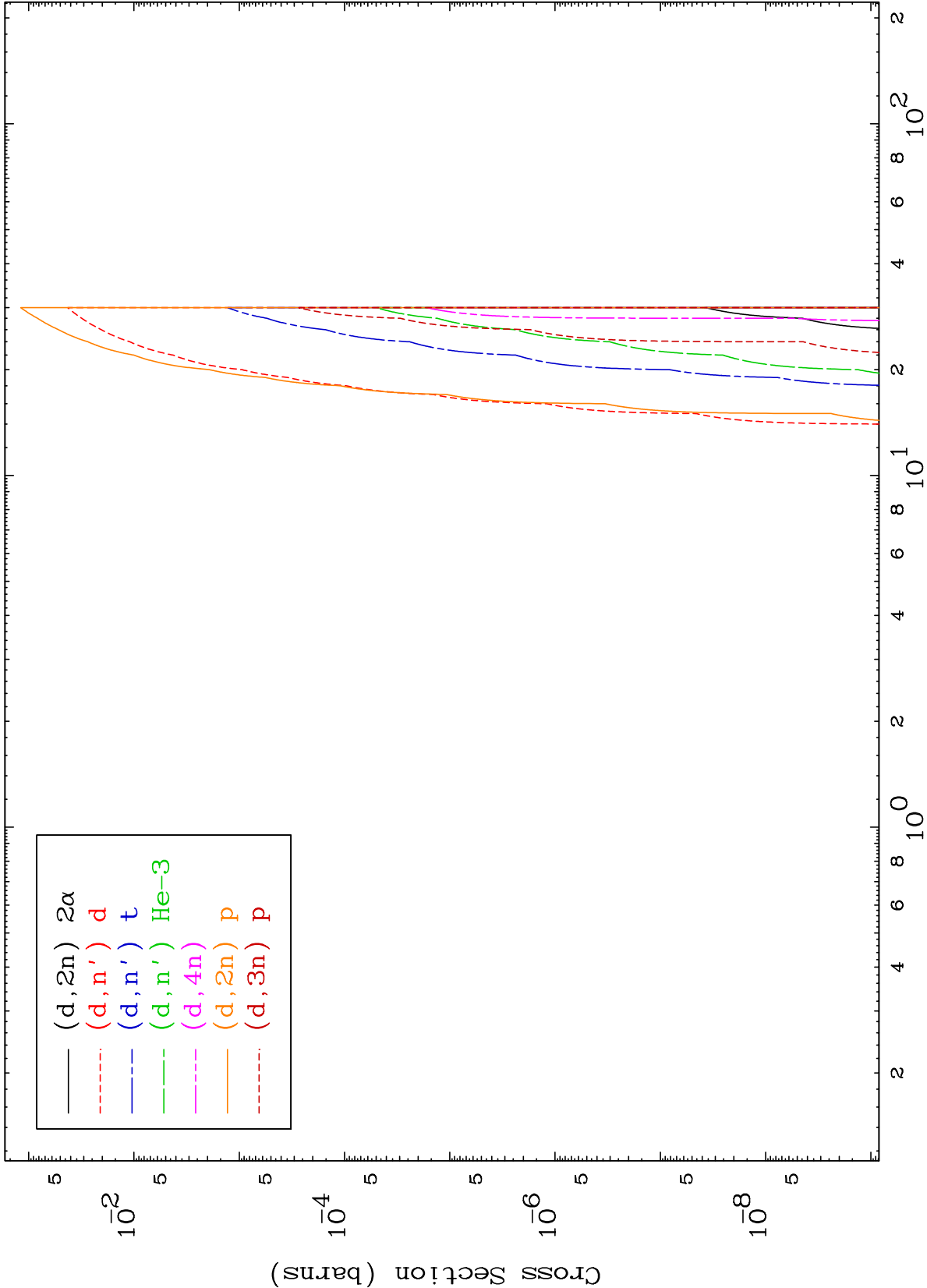
83-Bi-197

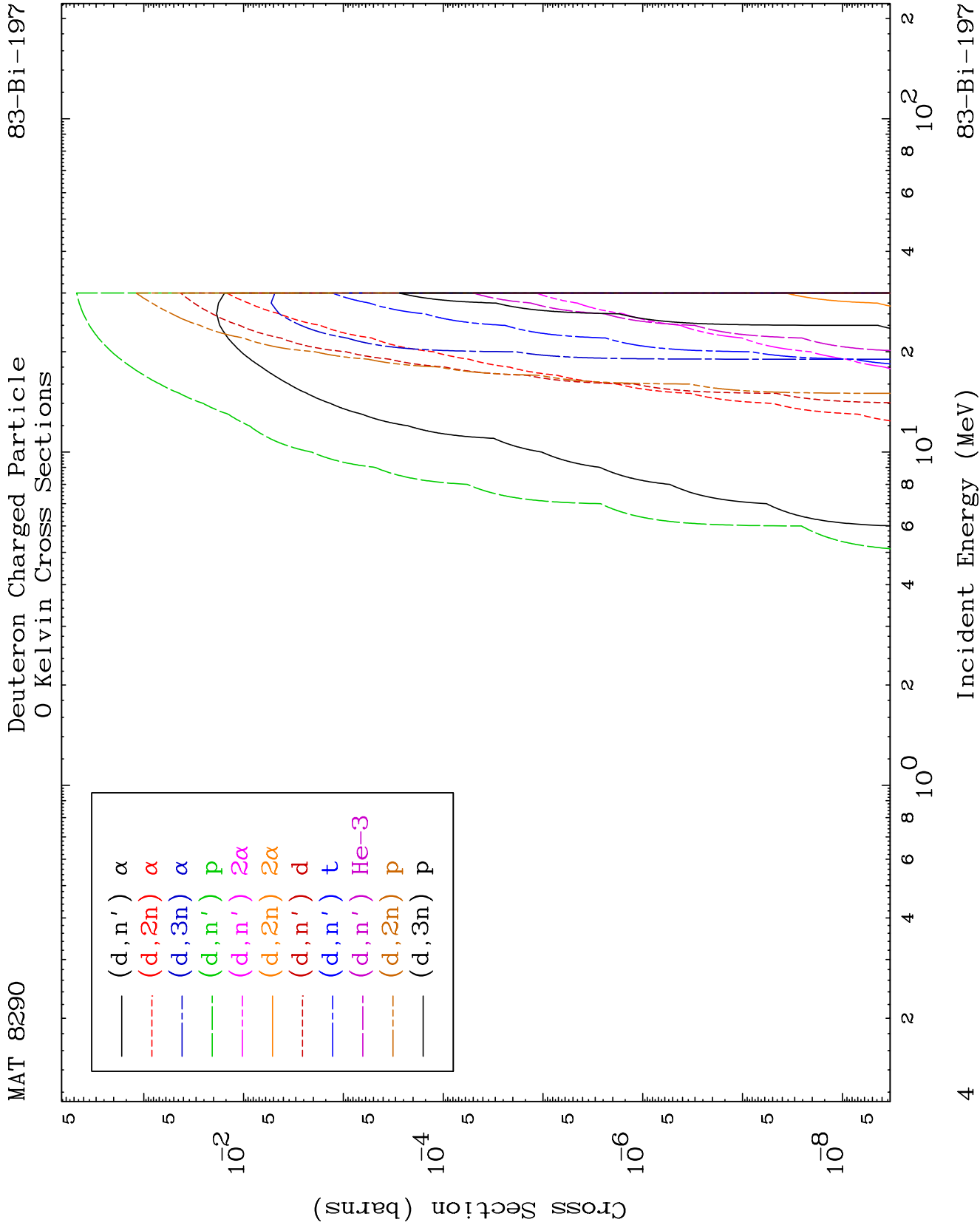


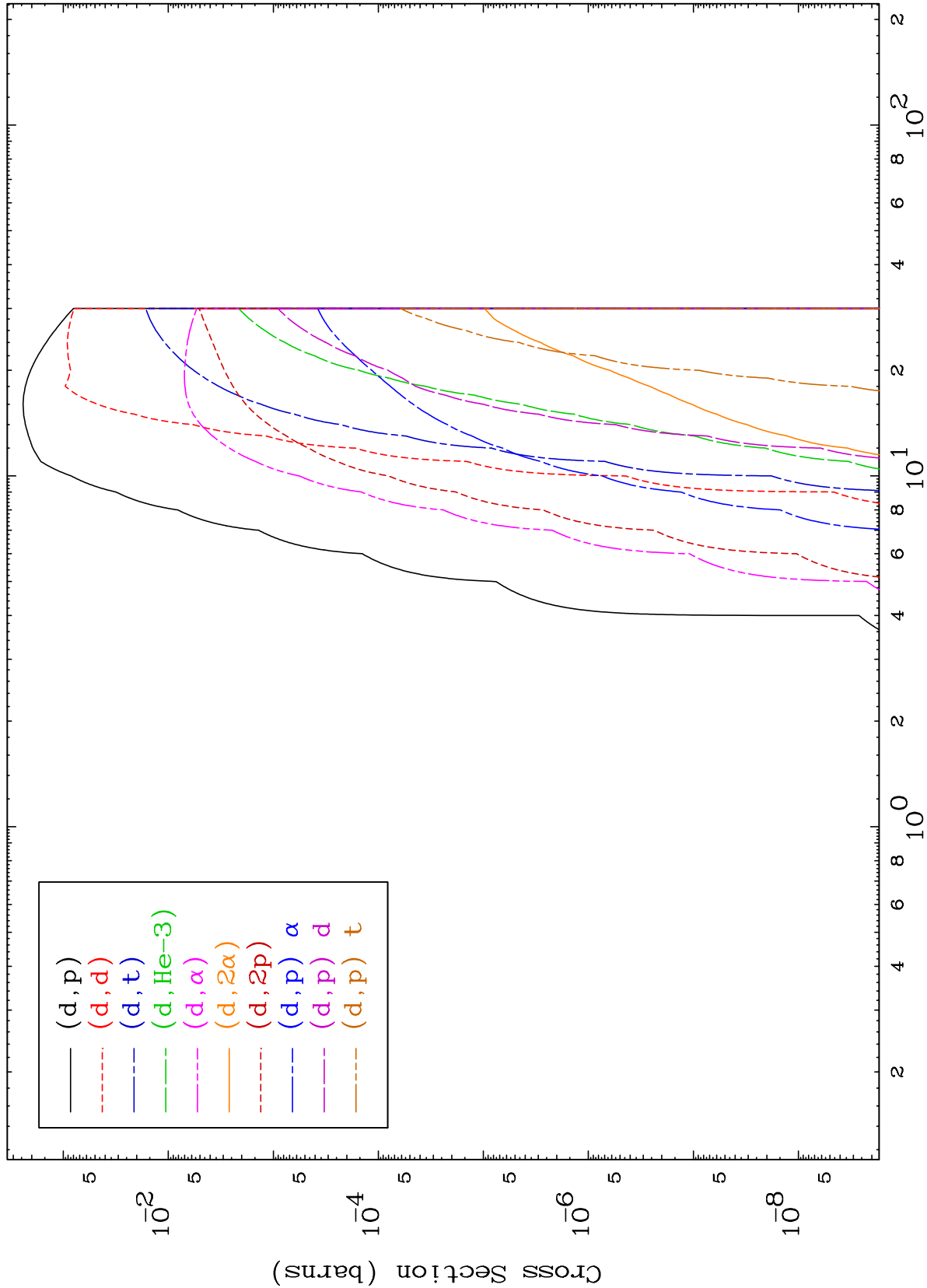
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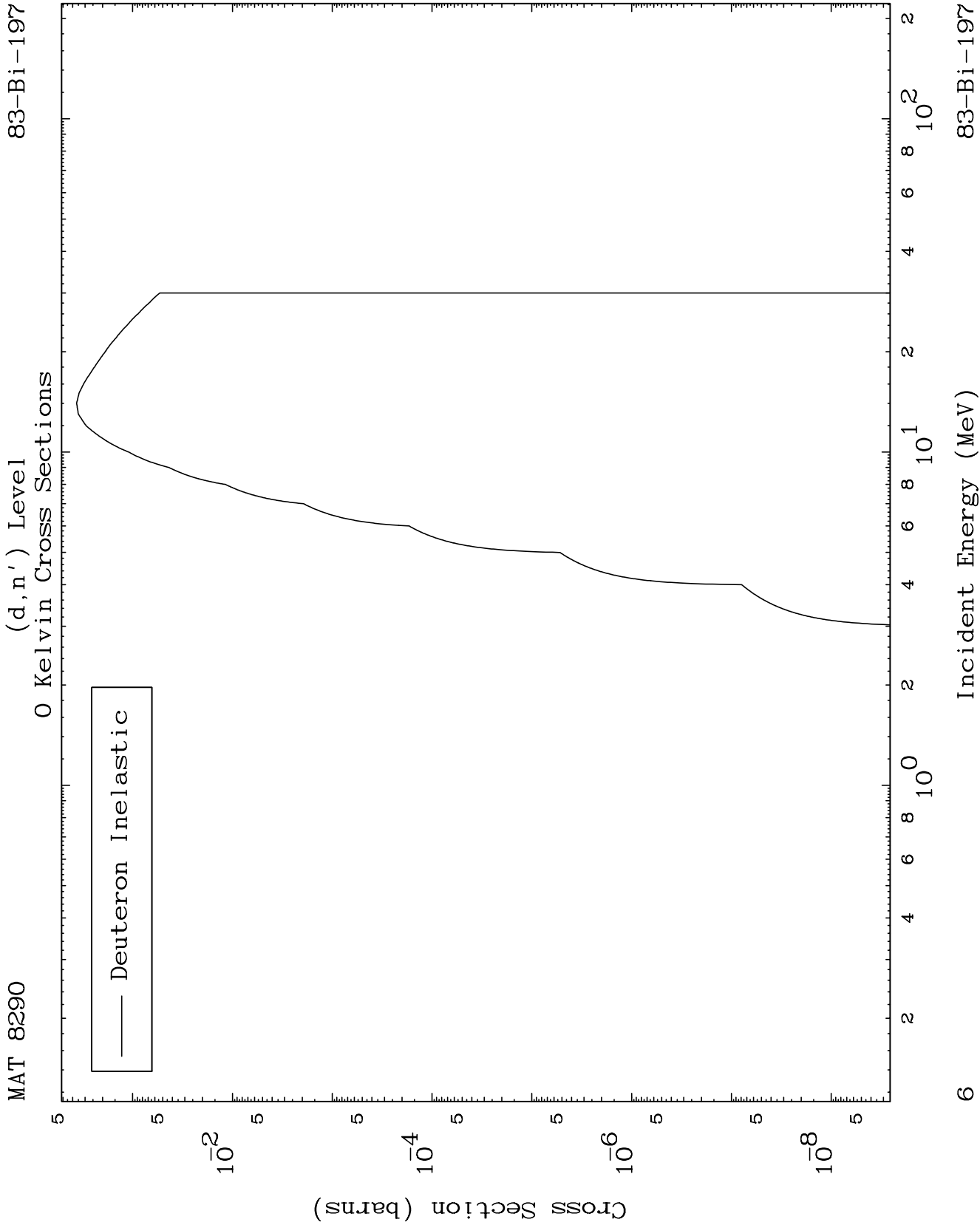
Incident Energy (MeV)

83-Bi-197





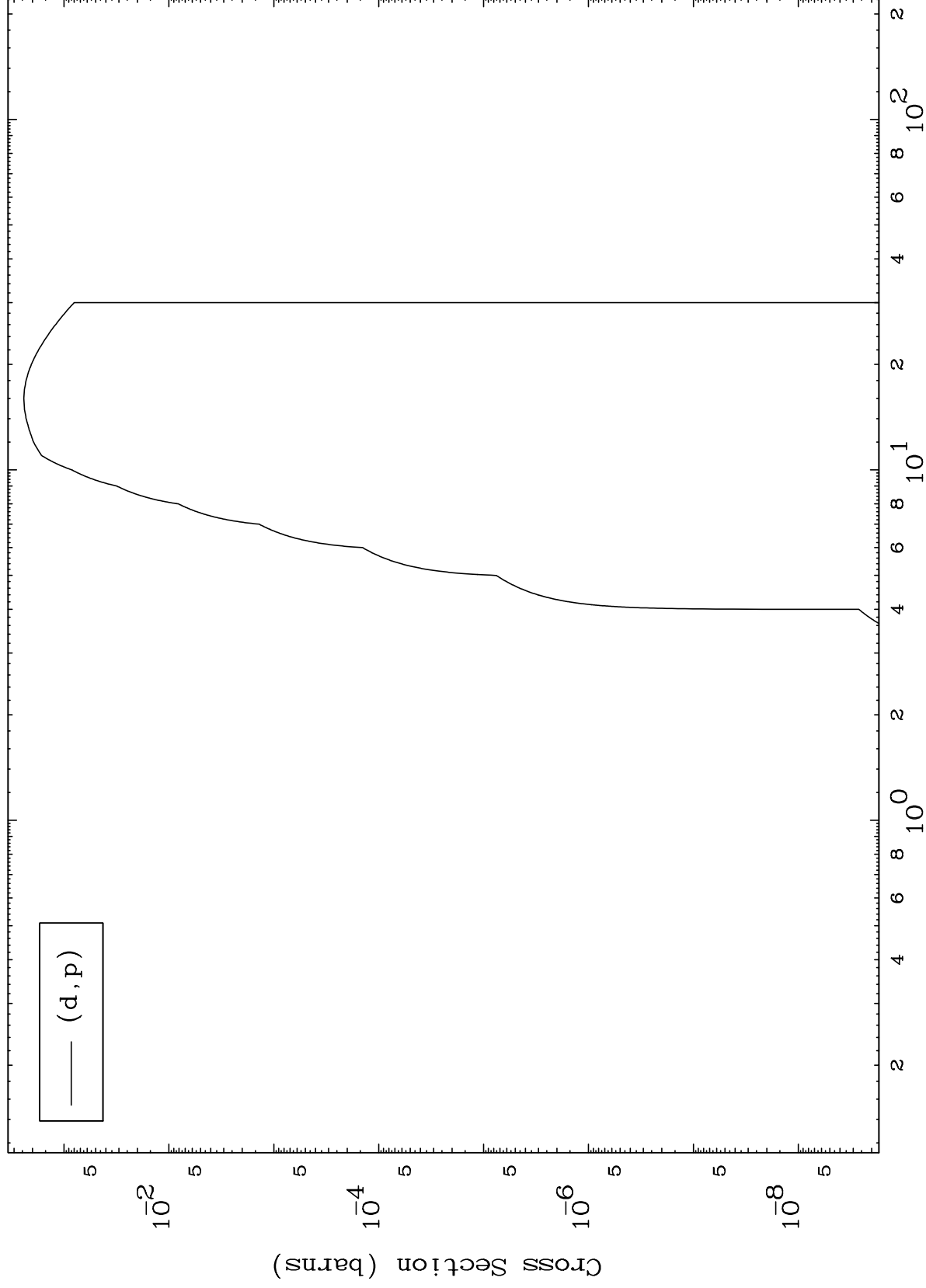




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83-Bi-197

(d,p) Levels
0 Kelvin Cross Sections



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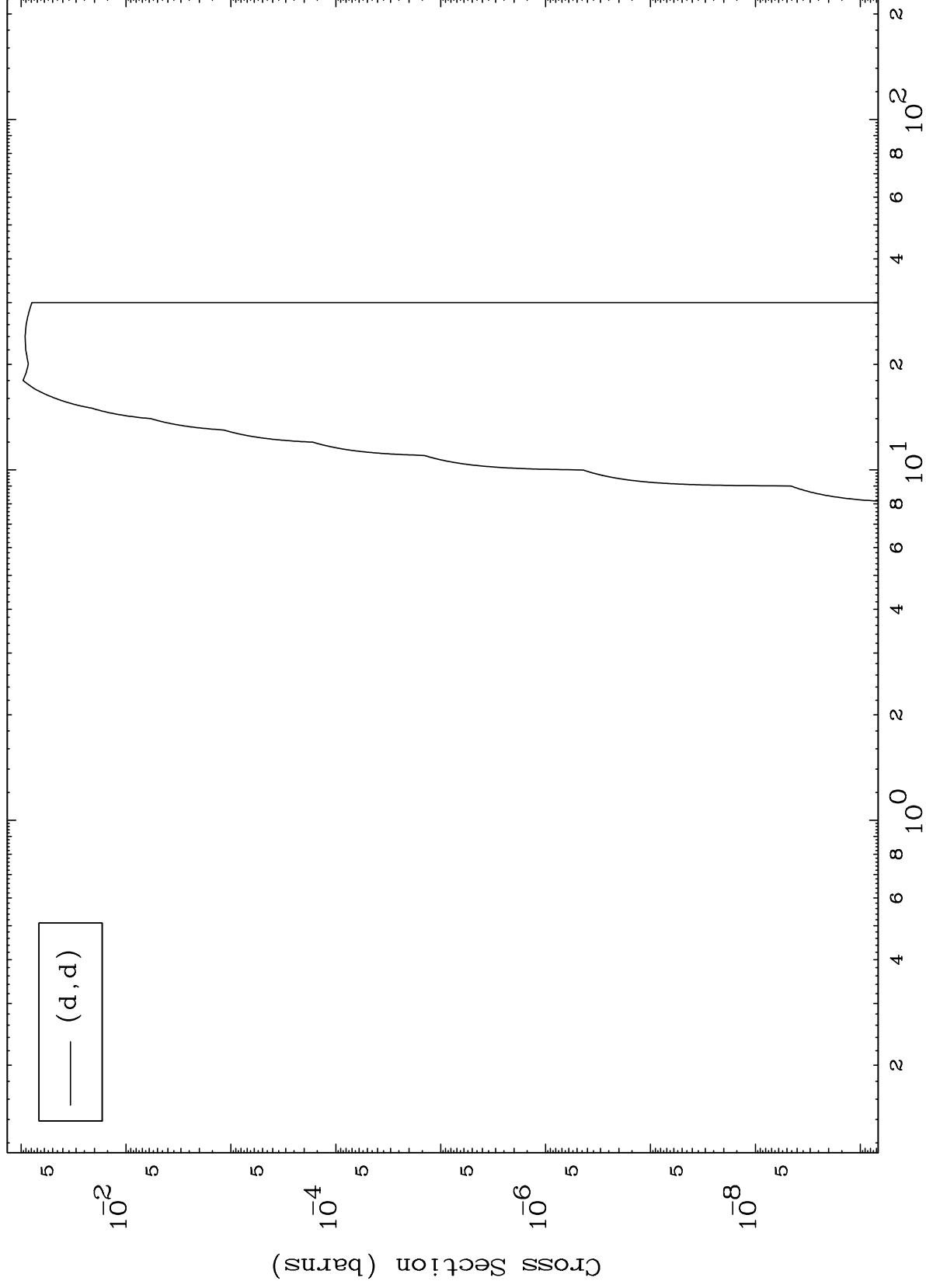
83-Bi-197

Incident Energy (MeV)

MAT 8290

83-Bi-197

(d,d) Levels
0 Kelvin Cross Sections



83-Bi-197

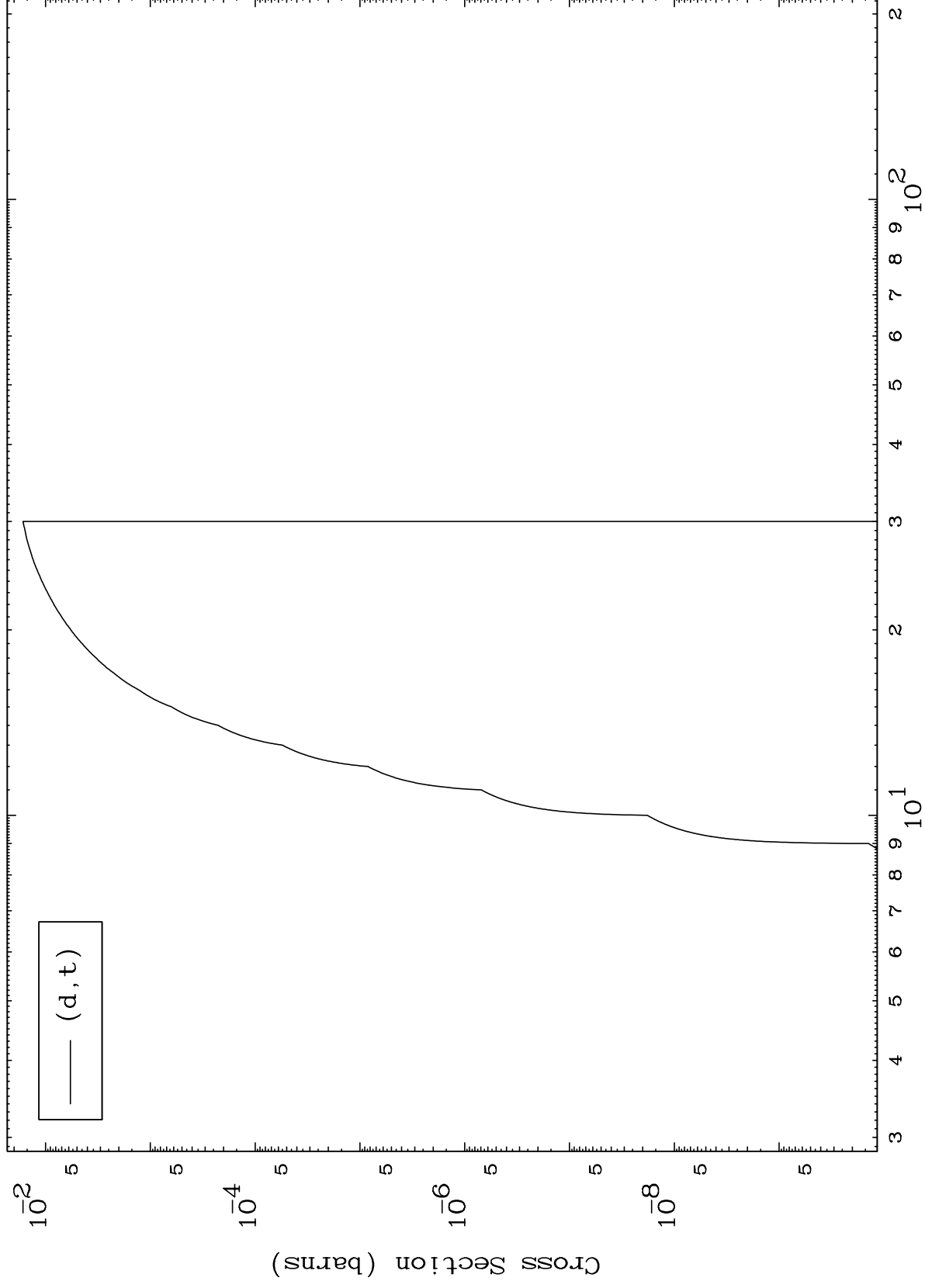
Incident Energy (MeV)

8

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(d,t) Levels
0 Kelvin Cross Sections



83-Bi-197

Incident Energy (MeV)

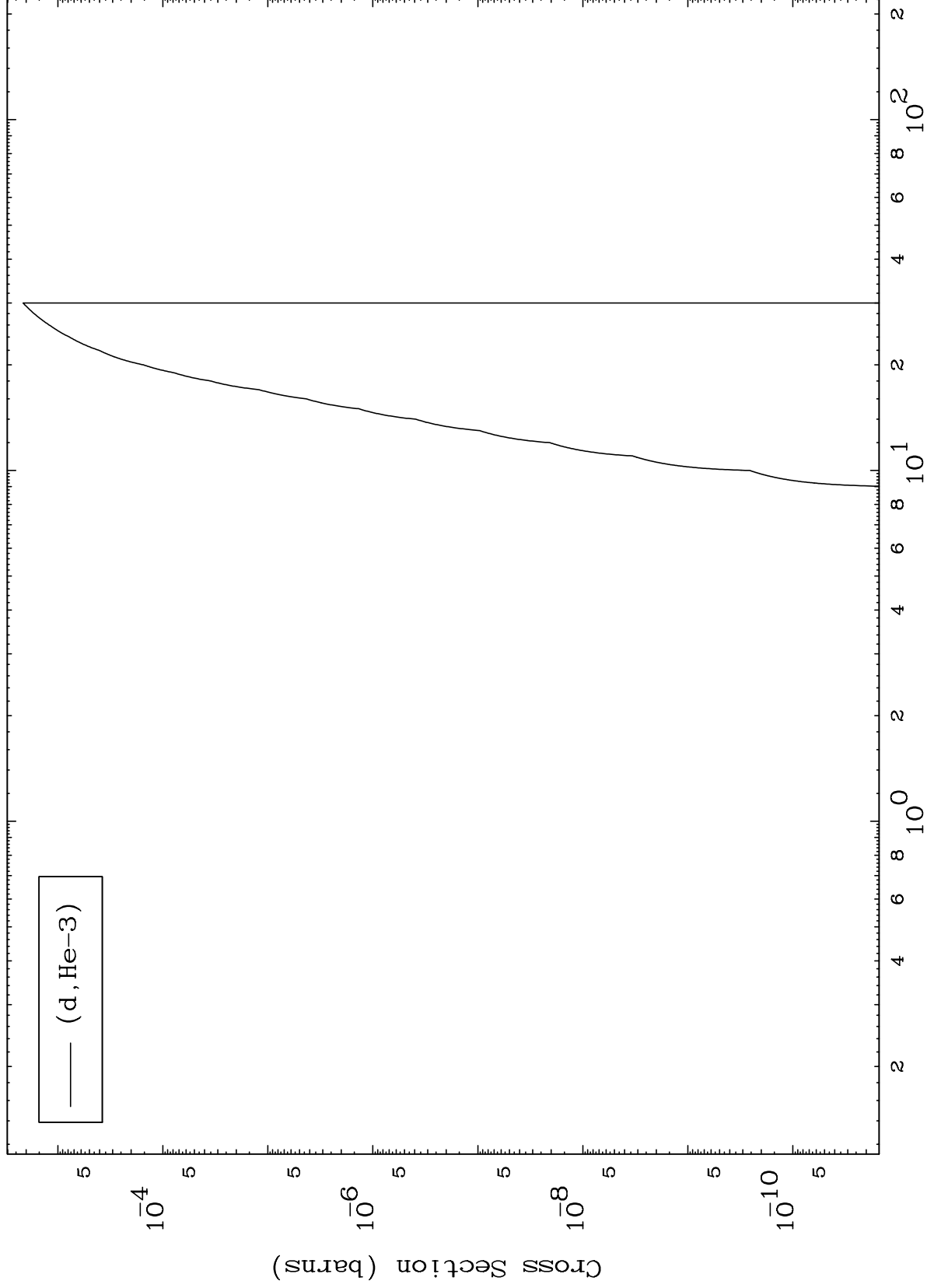
9

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(d,He3) Levels

83-Bi-197

0 Kelvin Cross Sections



— (d, He-3)

10

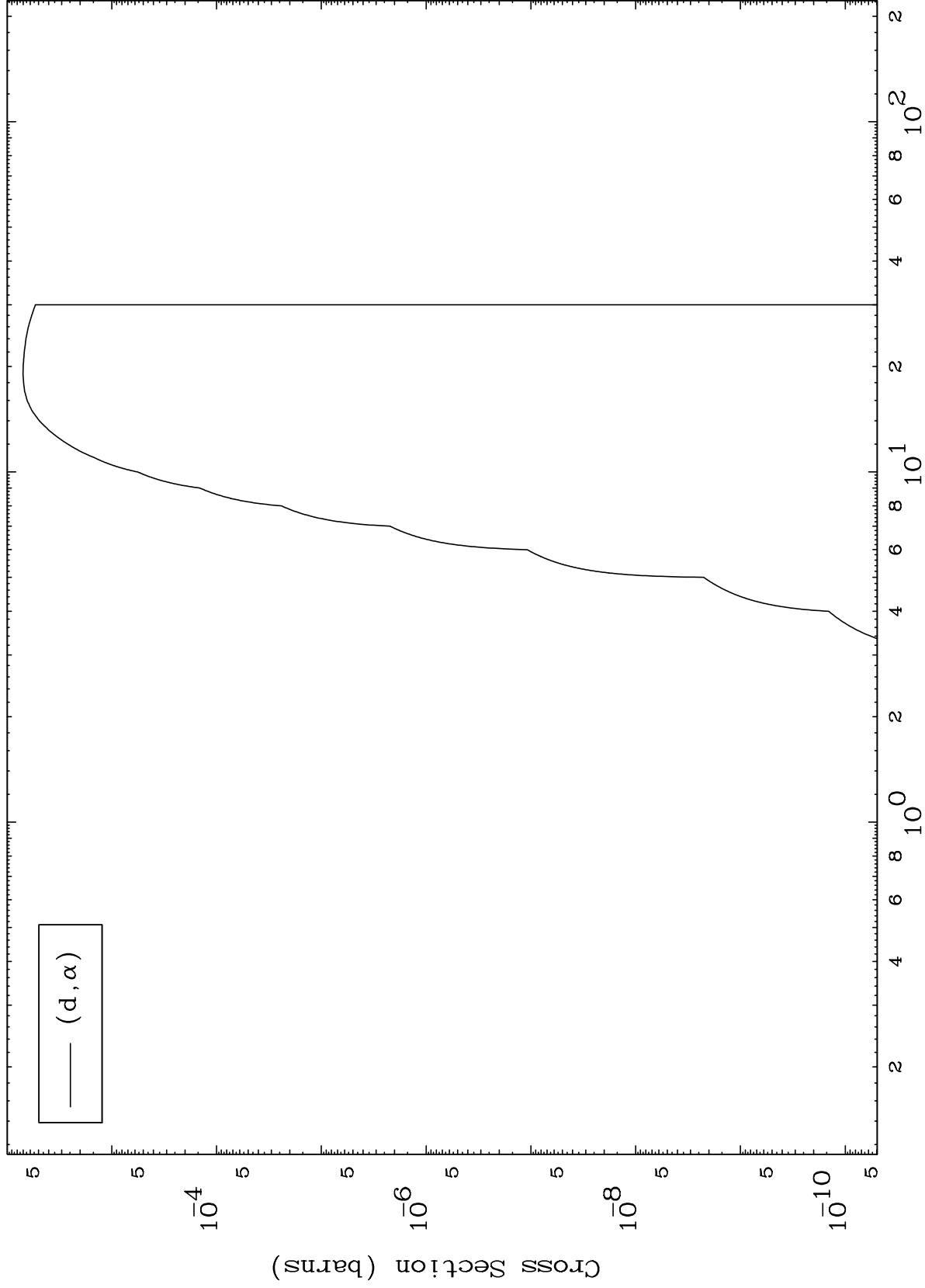
Incident Energy (MeV)

83-Bi-197

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83-Bi-197

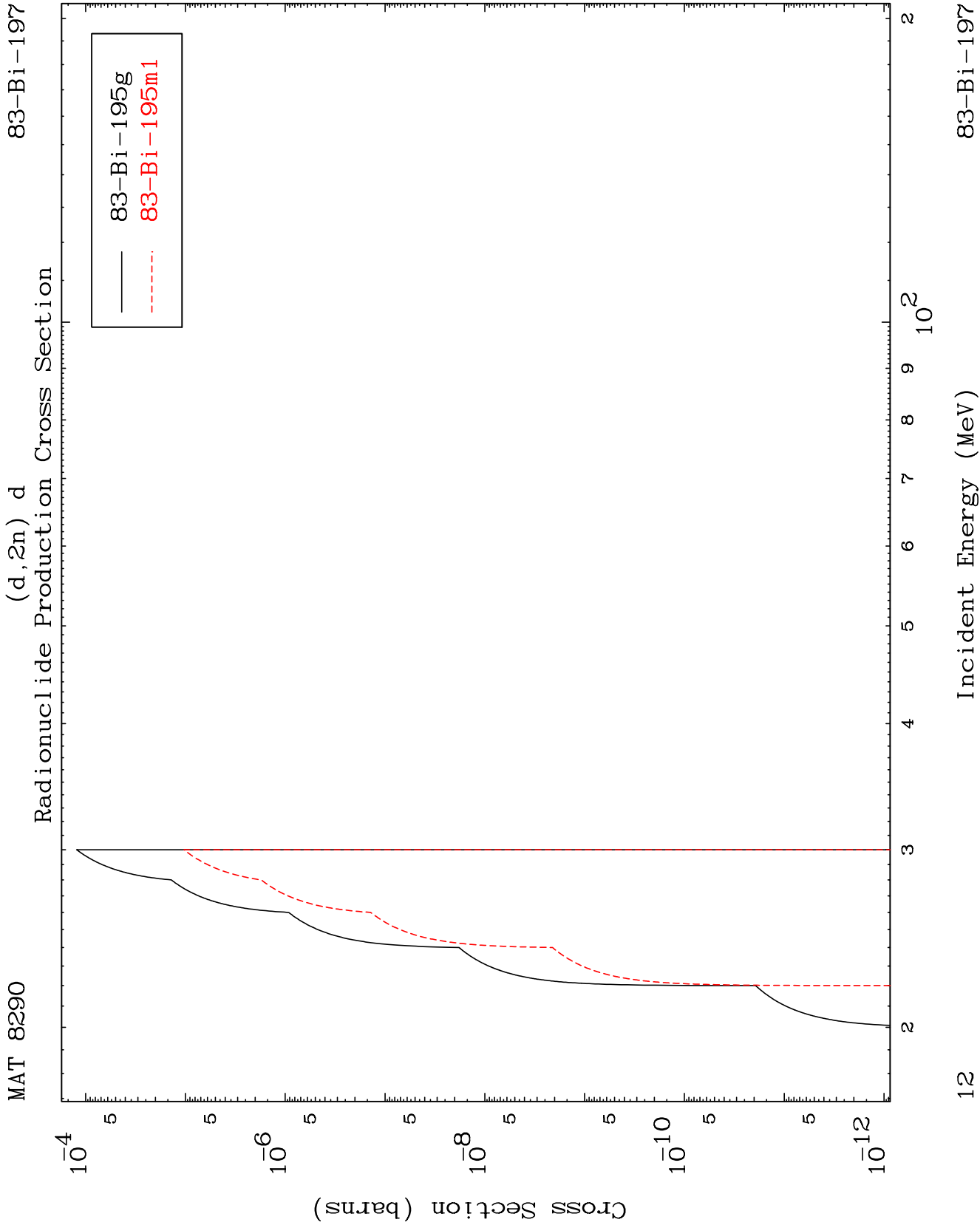
(d, α) Levels
0 Kelvin Cross Sections



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83-Bi-197

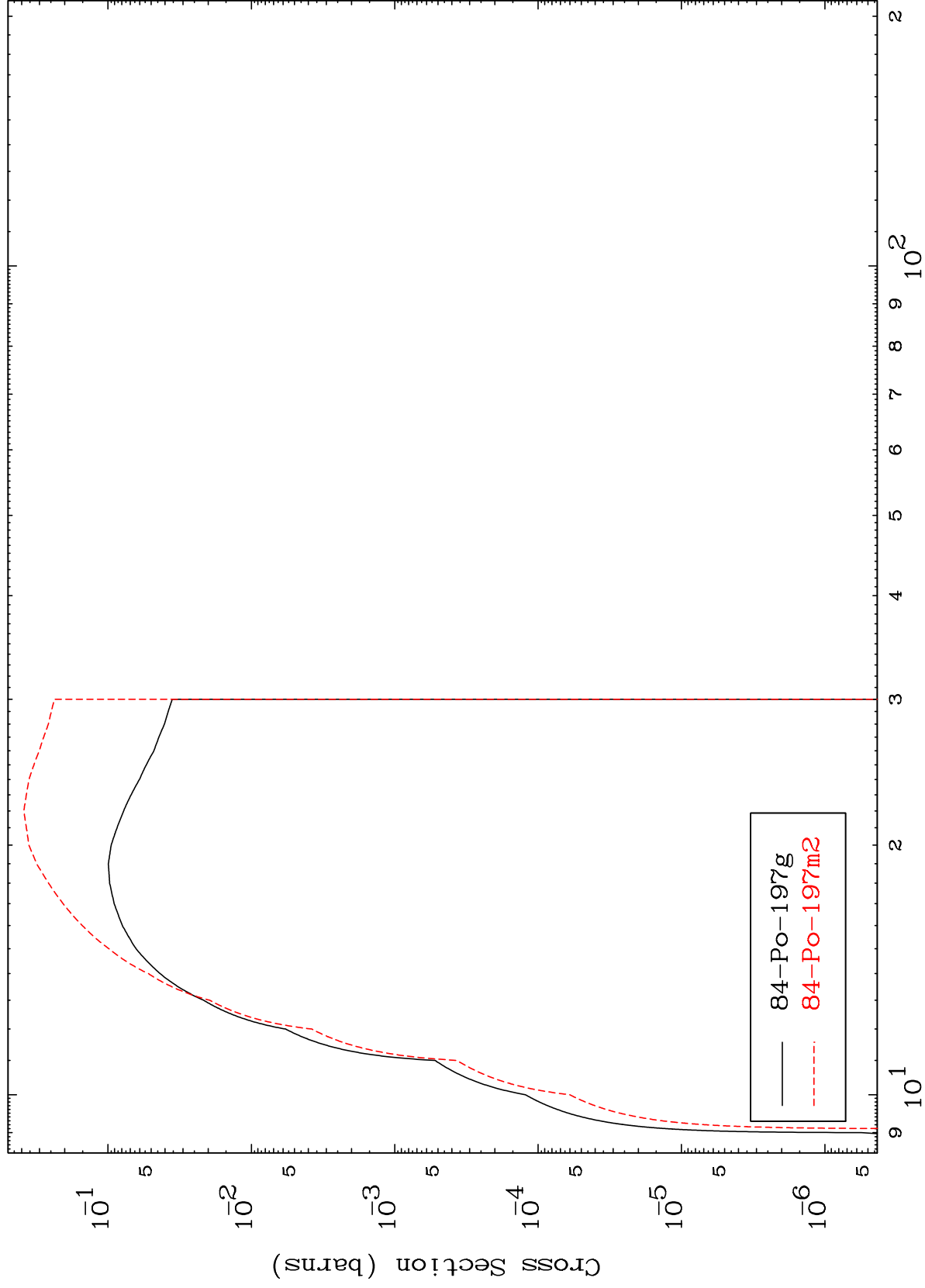
Incident Energy (MeV)



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83-Bi-197

(d,2n)
Radionuclide Production Cross Section



83-Bi-197

Incident Energy (MeV)

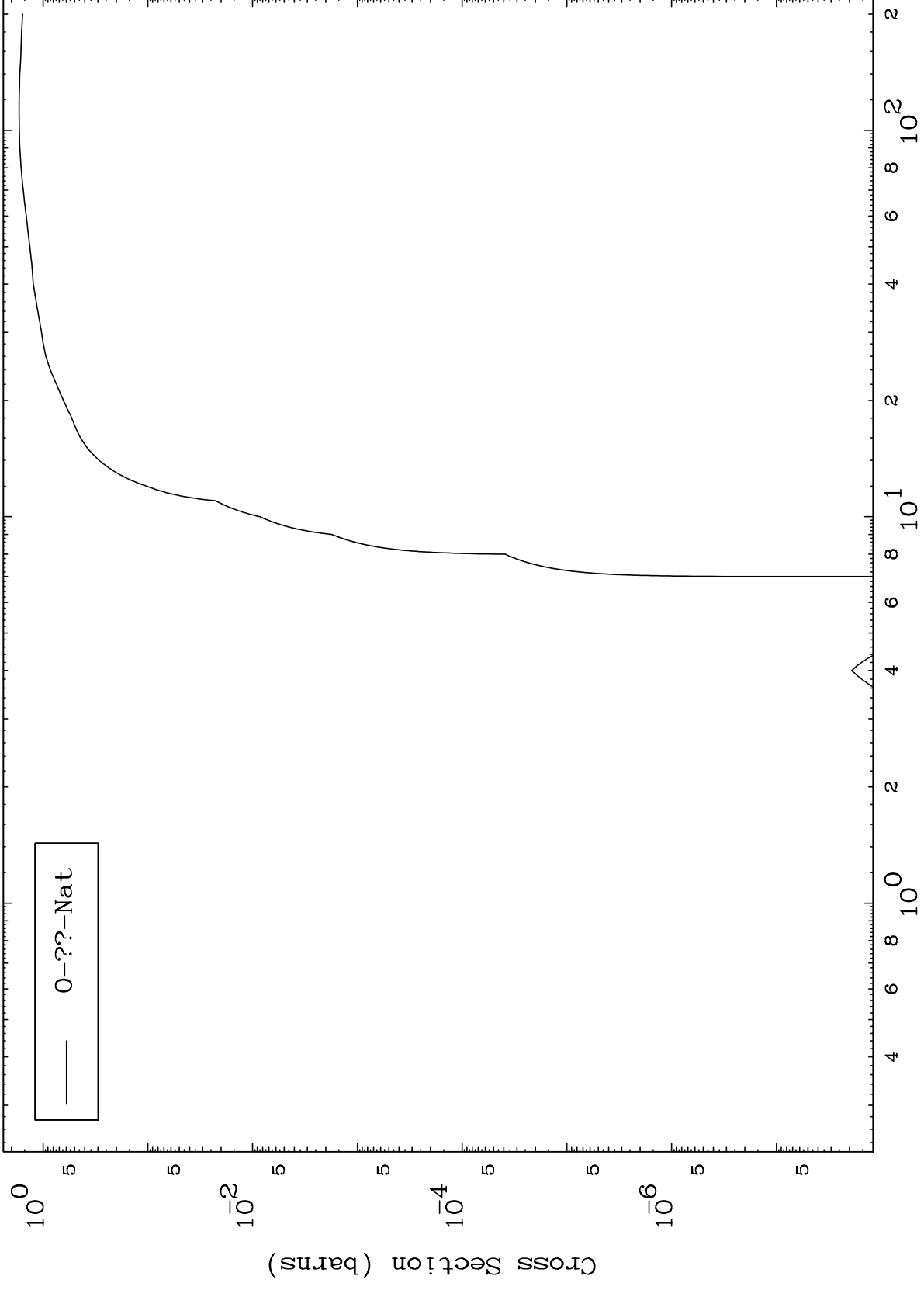
13

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Deuteron Fission

83-Bi-197

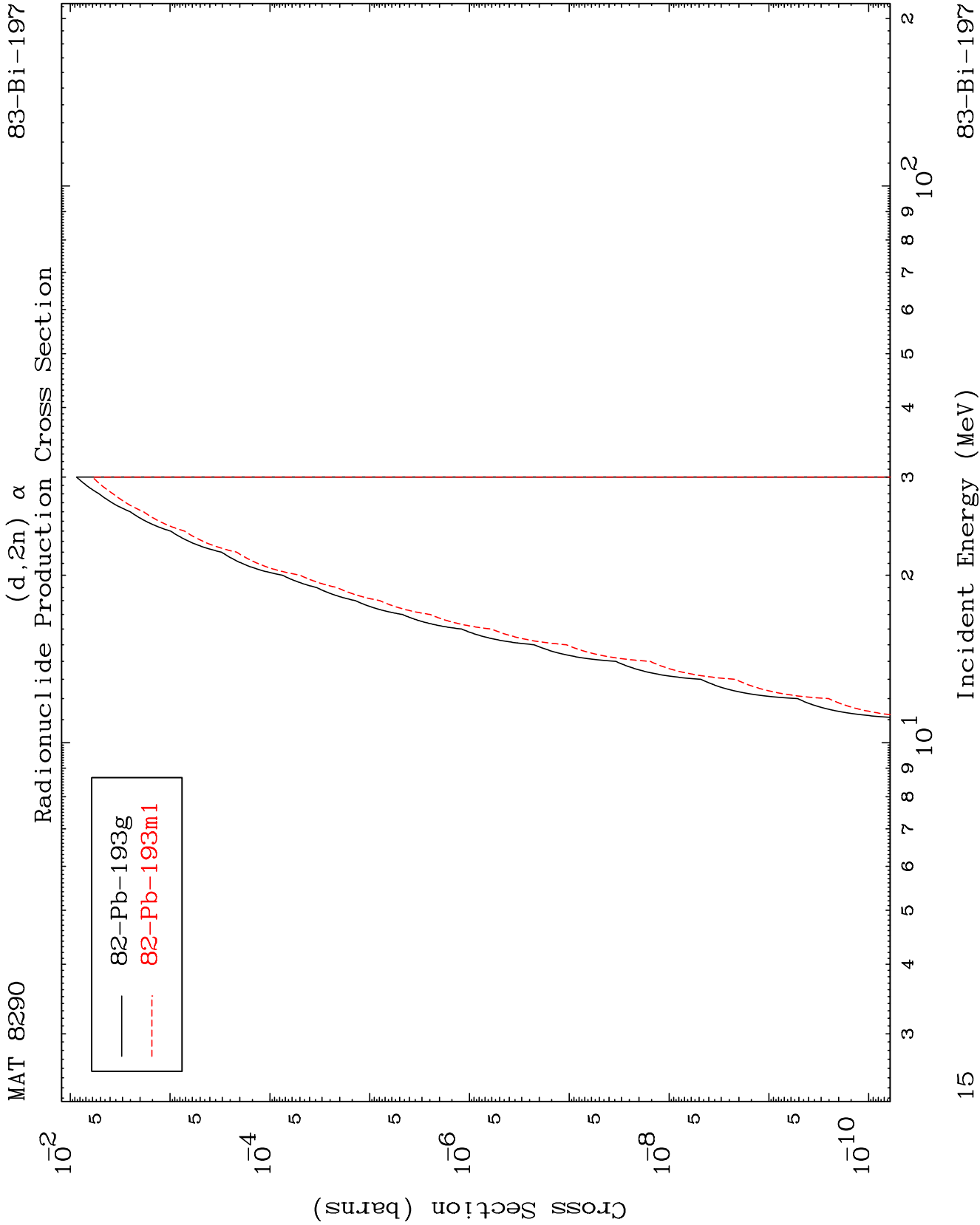
Radionuclide Production Cross Section



14

Incident Energy (MeV)

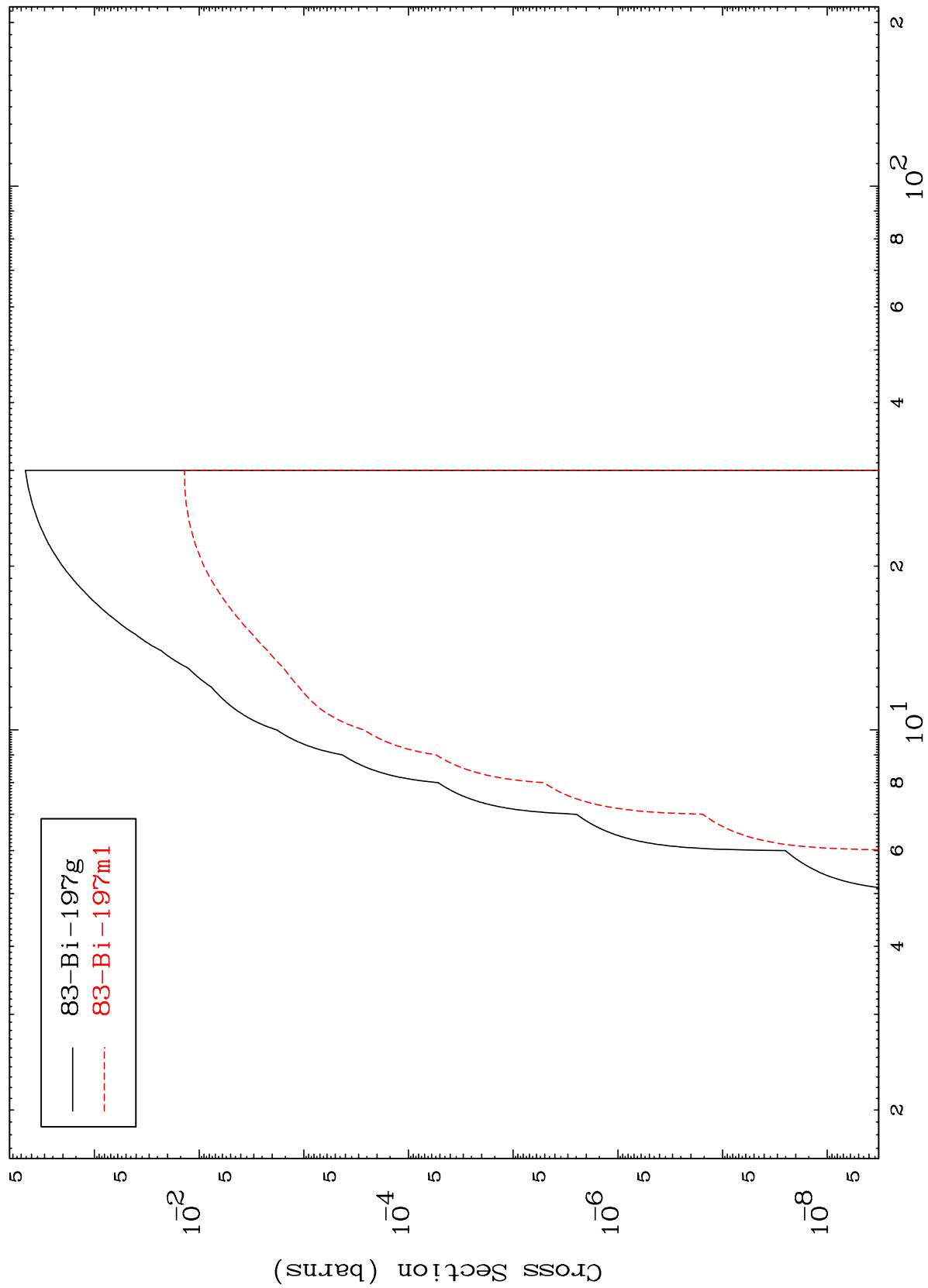
83-Bi-197



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83-Bi-197

(d,n') p
Radionuclide Production Cross Section



83-Bi-197

Incident Energy (MeV)

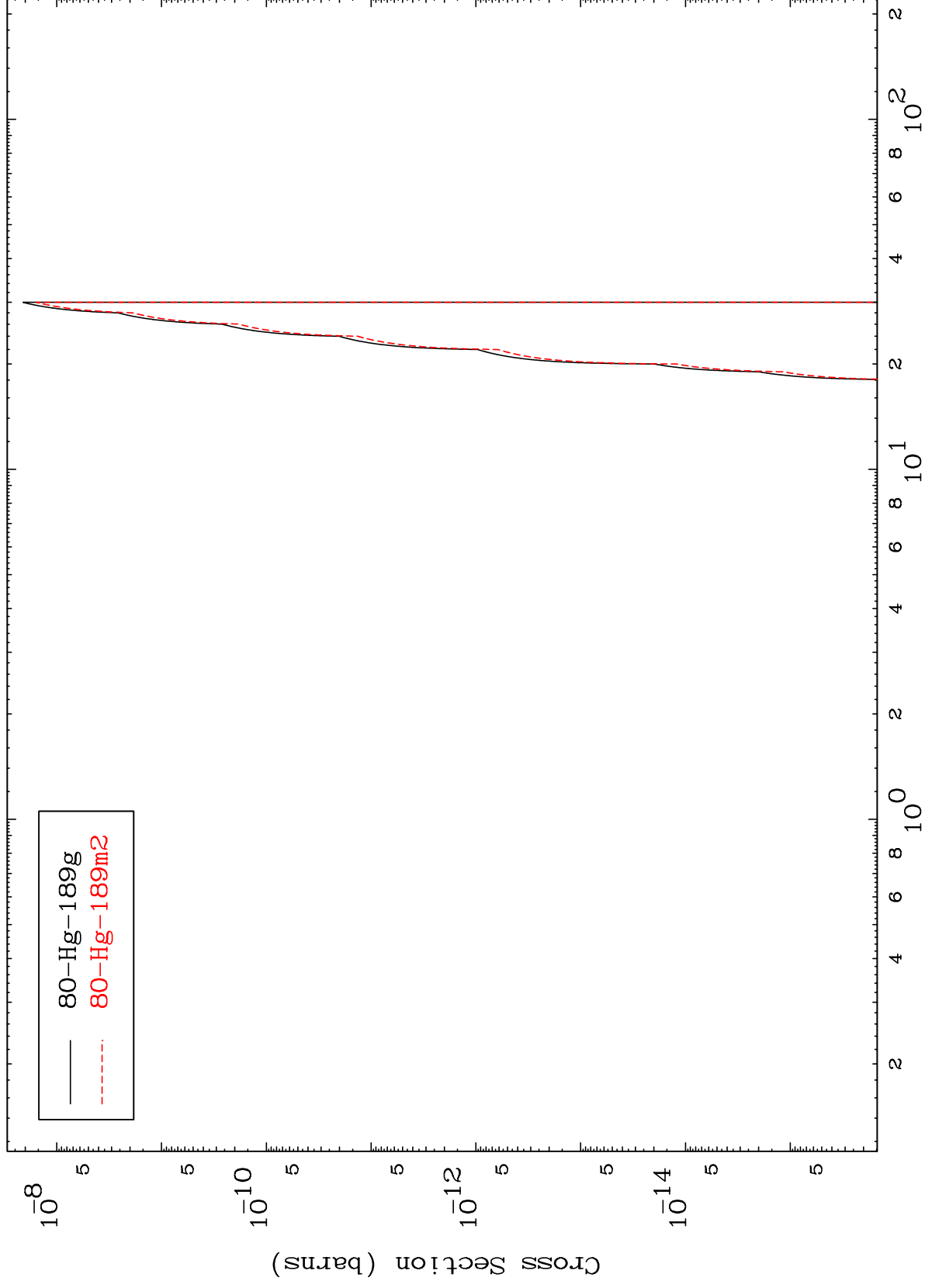
16

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(d,2n) 2α

83-Bi-197

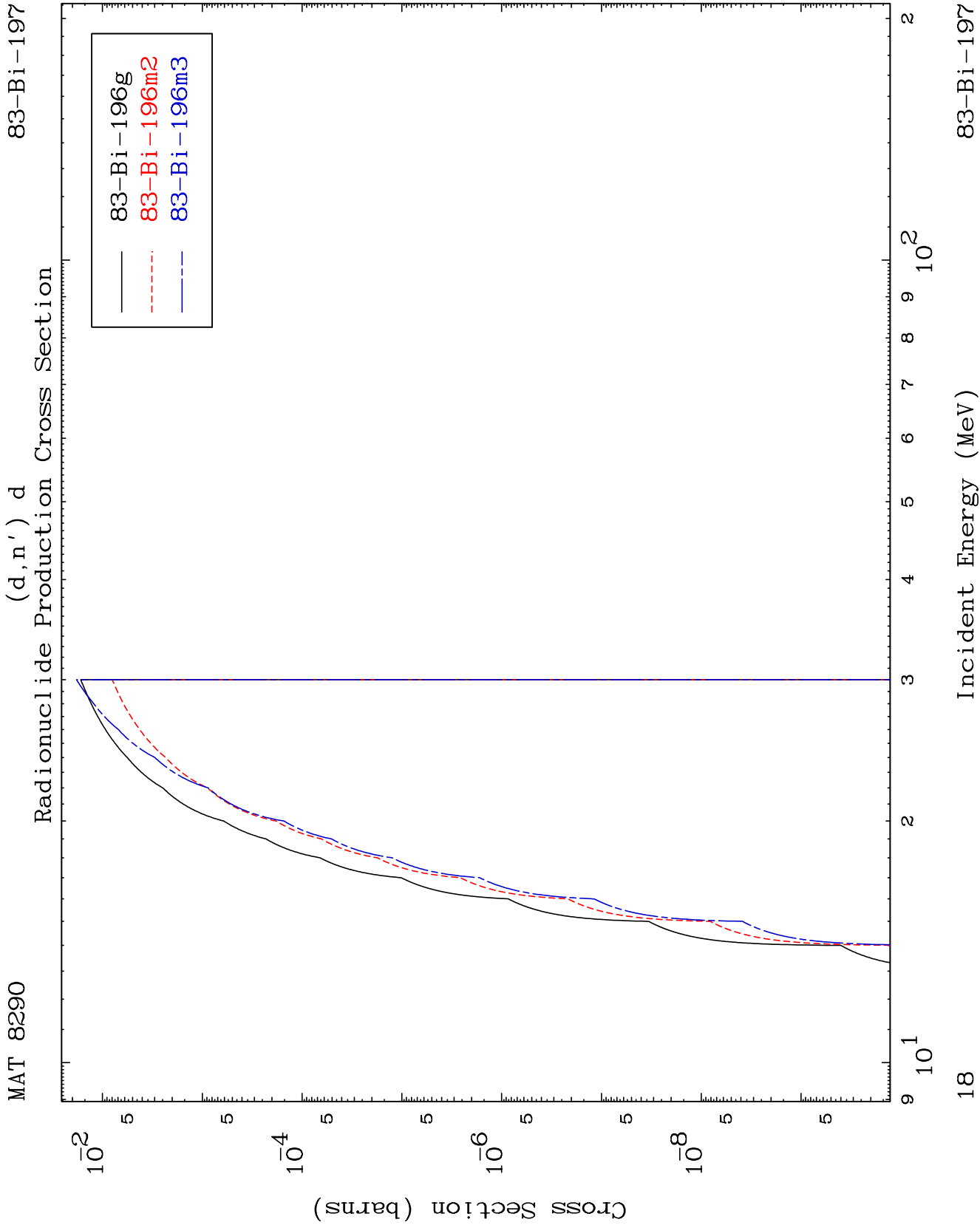
Radionuclide Production Cross Section



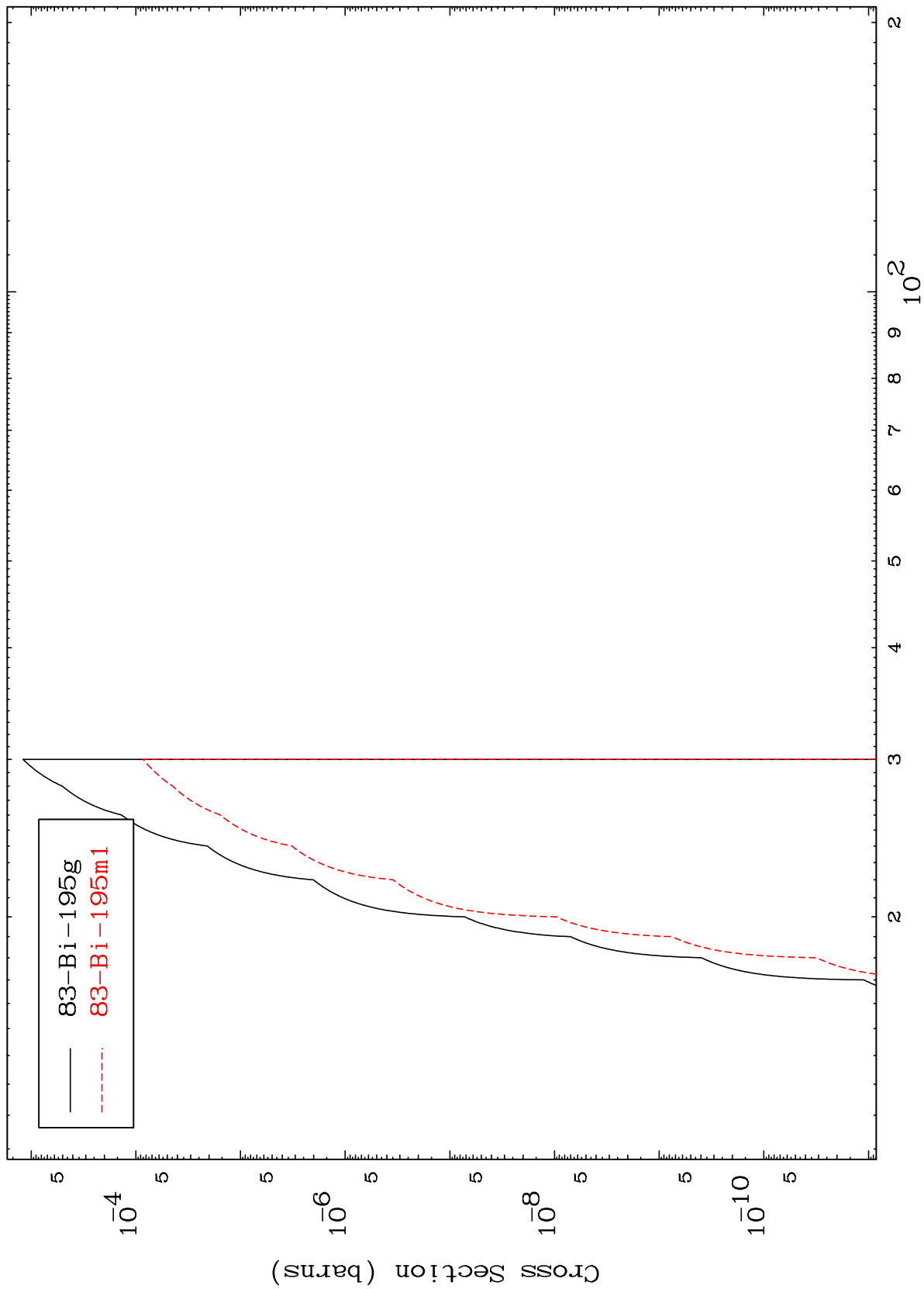
17

Incident Energy (MeV)

83-Bi-197



Radionuclide Production Cross Section
(d,n') t

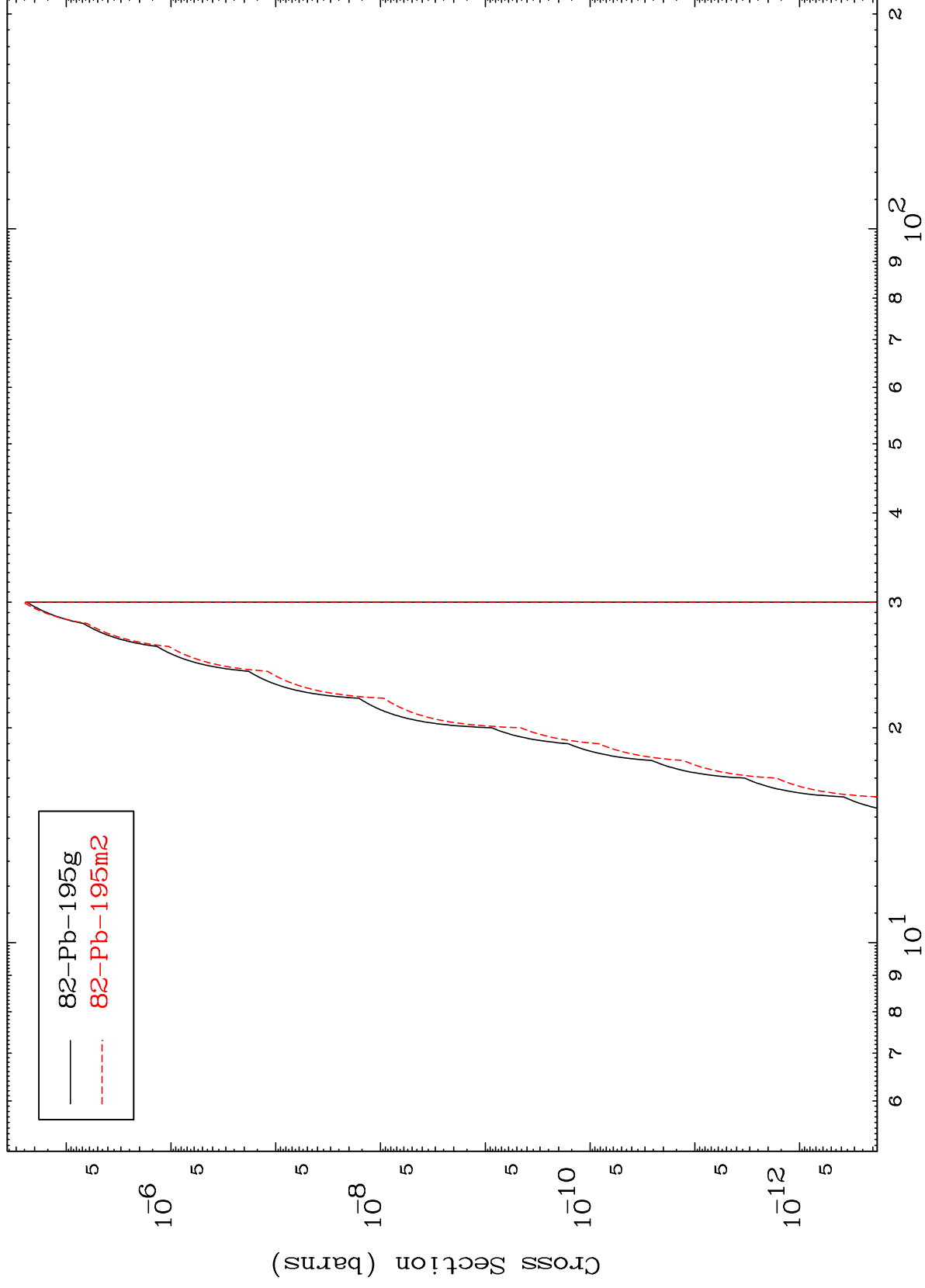


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(d,n') He-3

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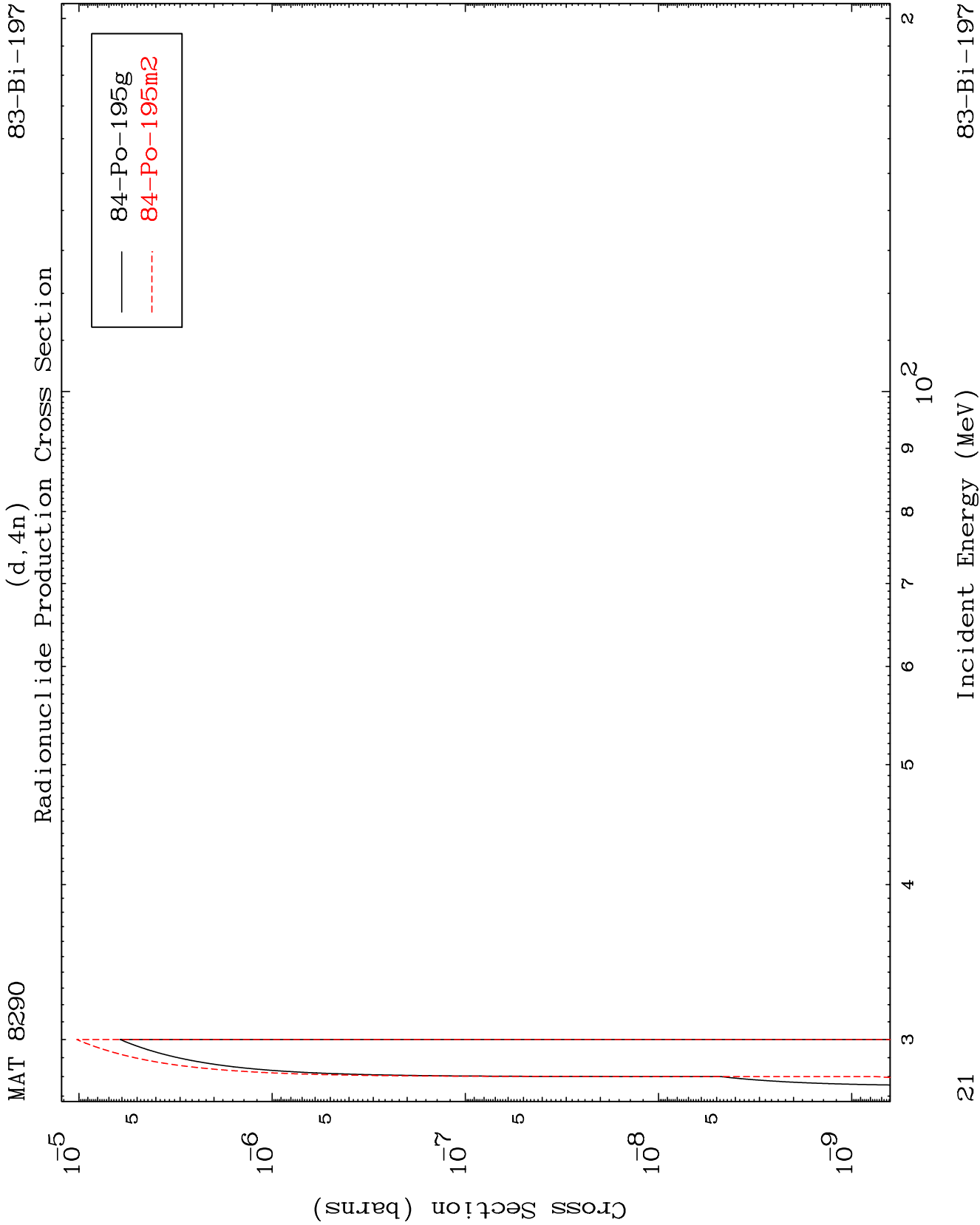
Radionuclide Production Cross Section



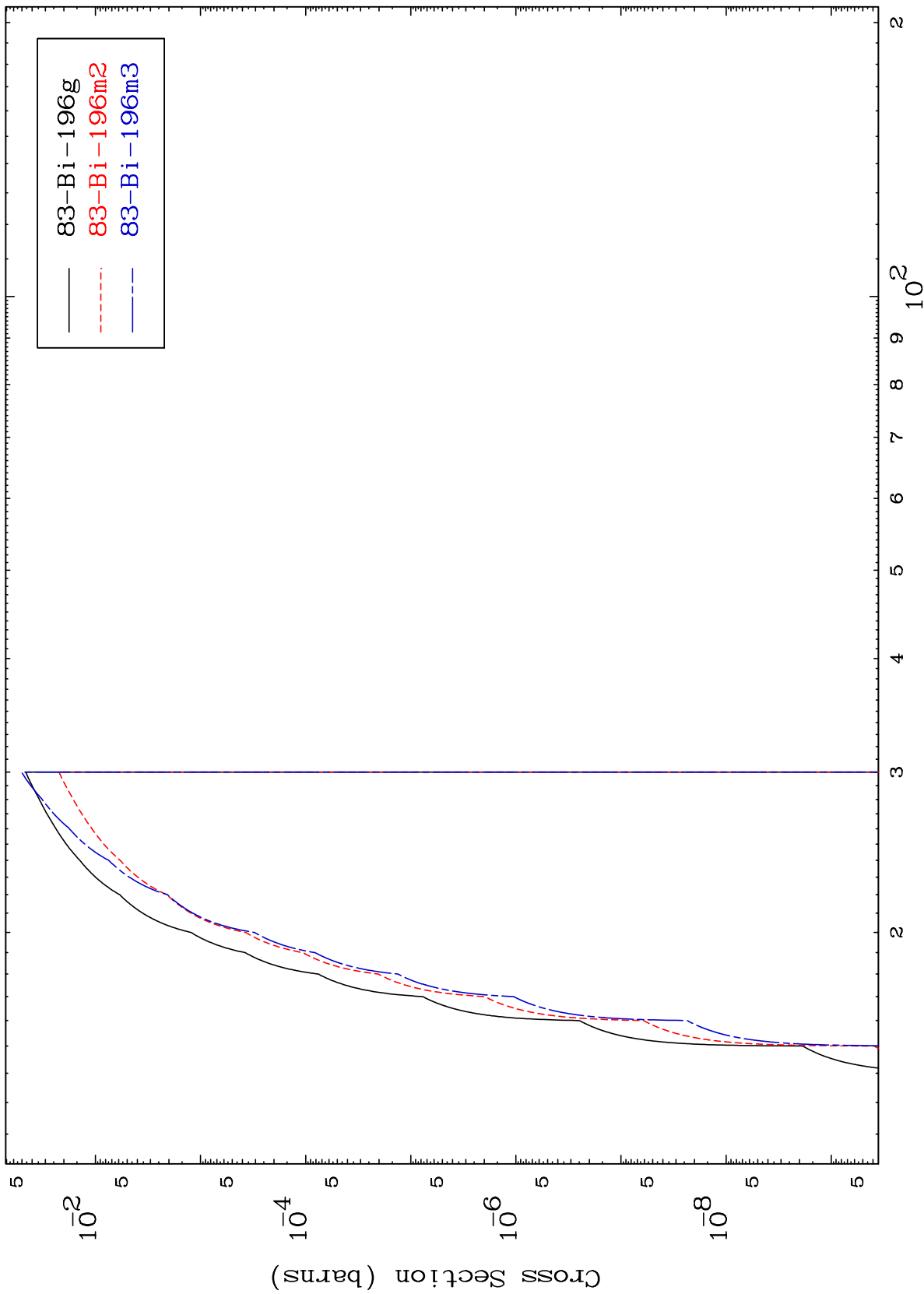
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Incident Energy (MeV)

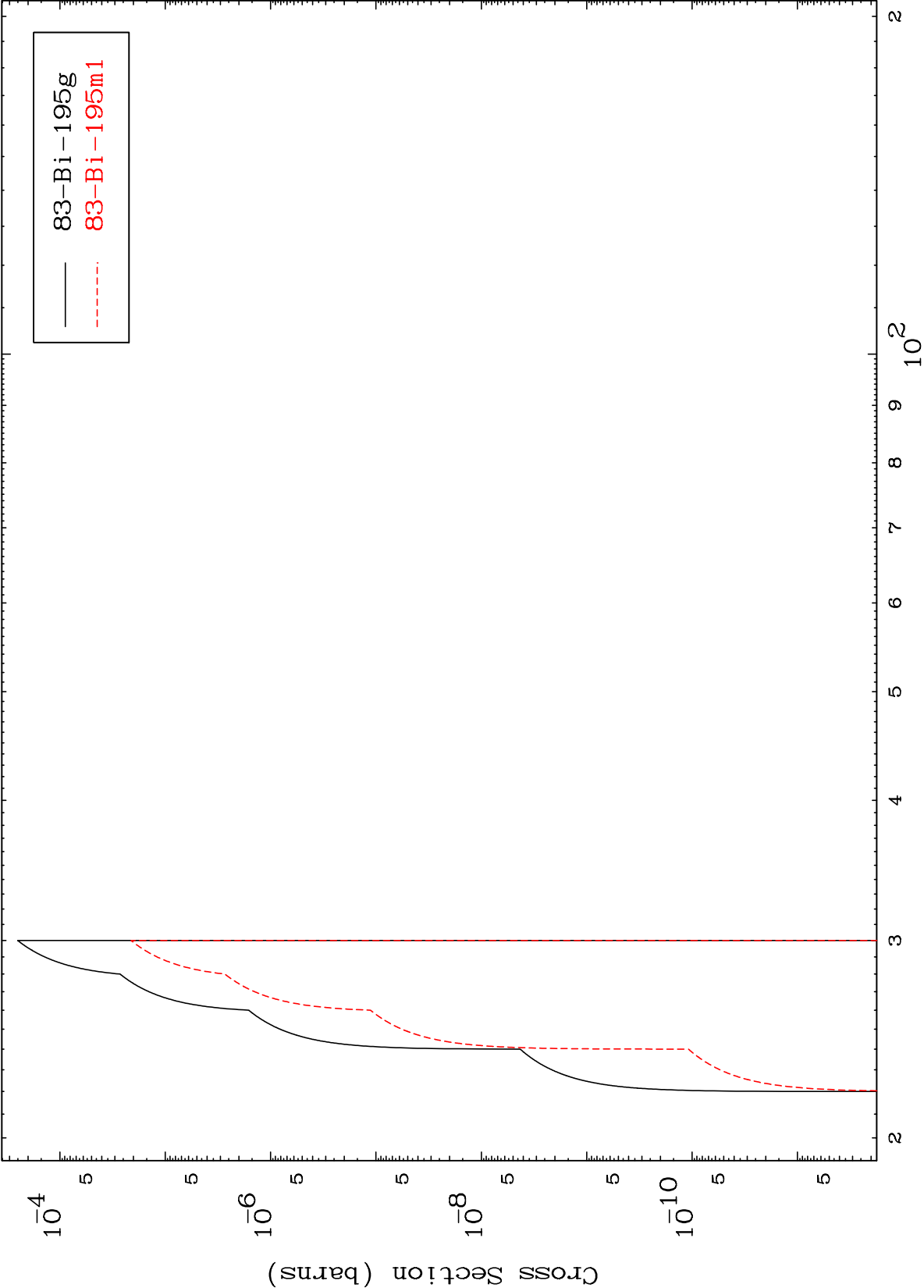
83-Bi-197



(d,2n) p
Radionuclide Production Cross Section



Radionuclide Production Cross Section

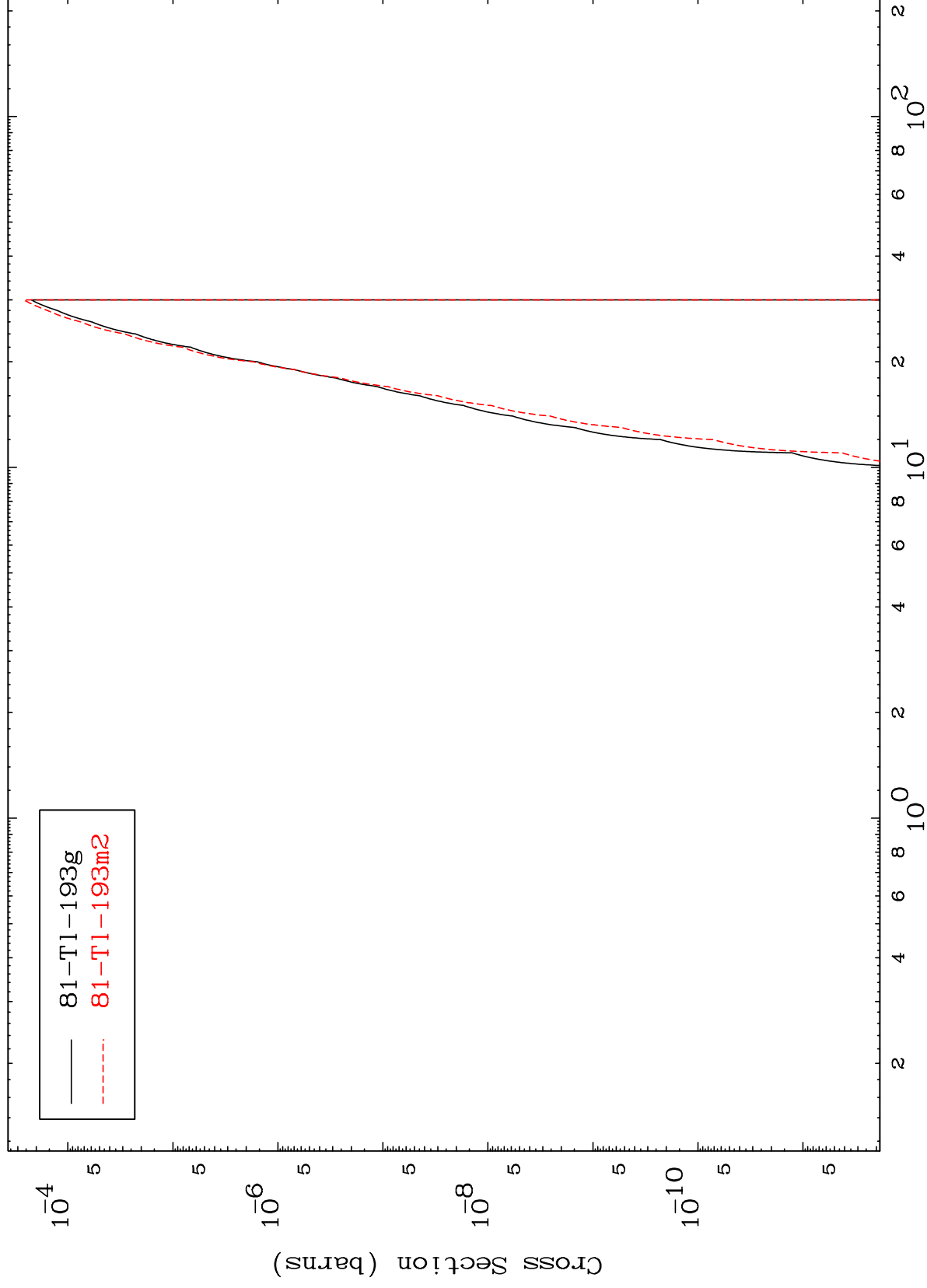


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(d,n') p α

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Radionuclide Production Cross Section

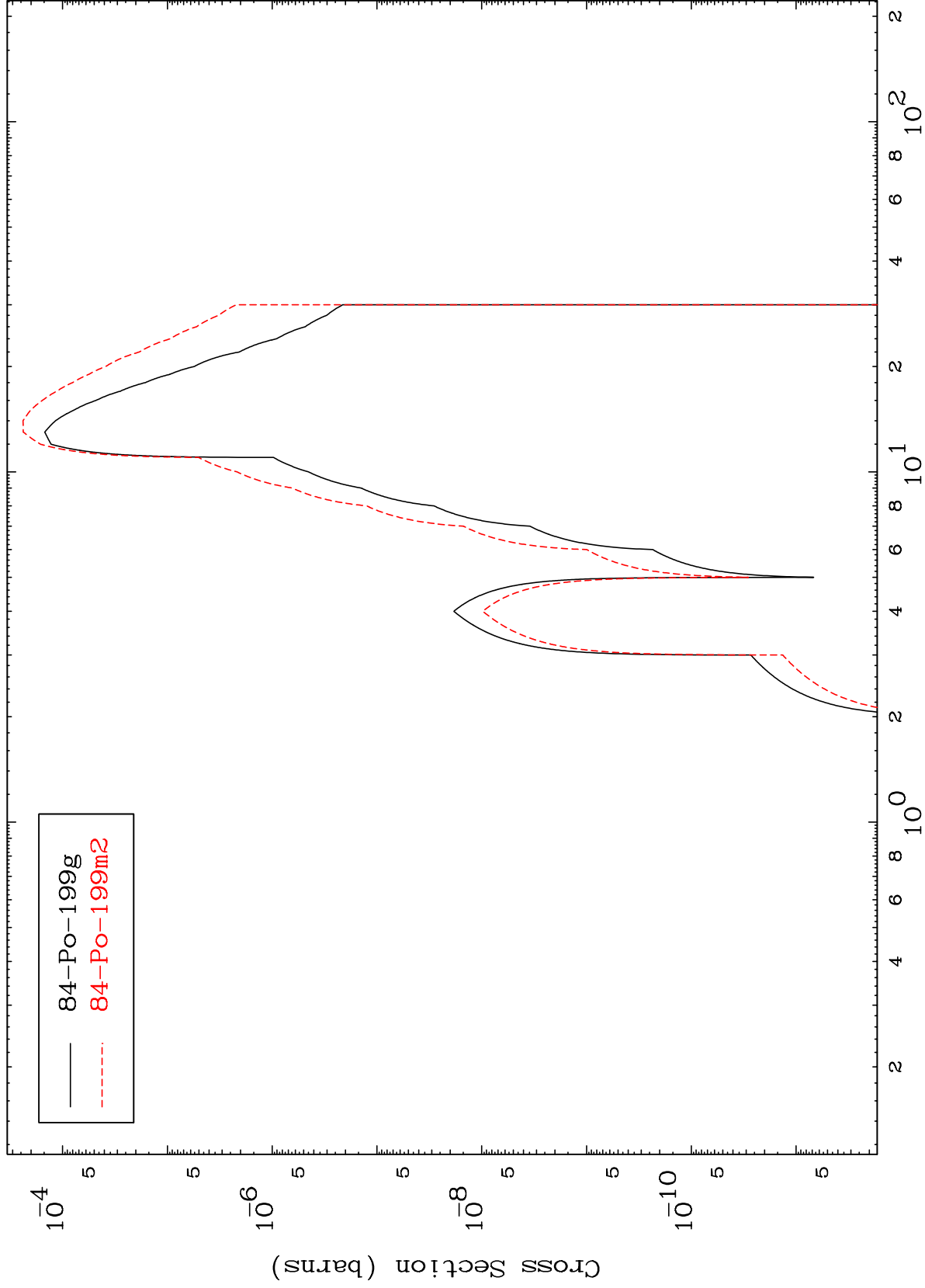


24

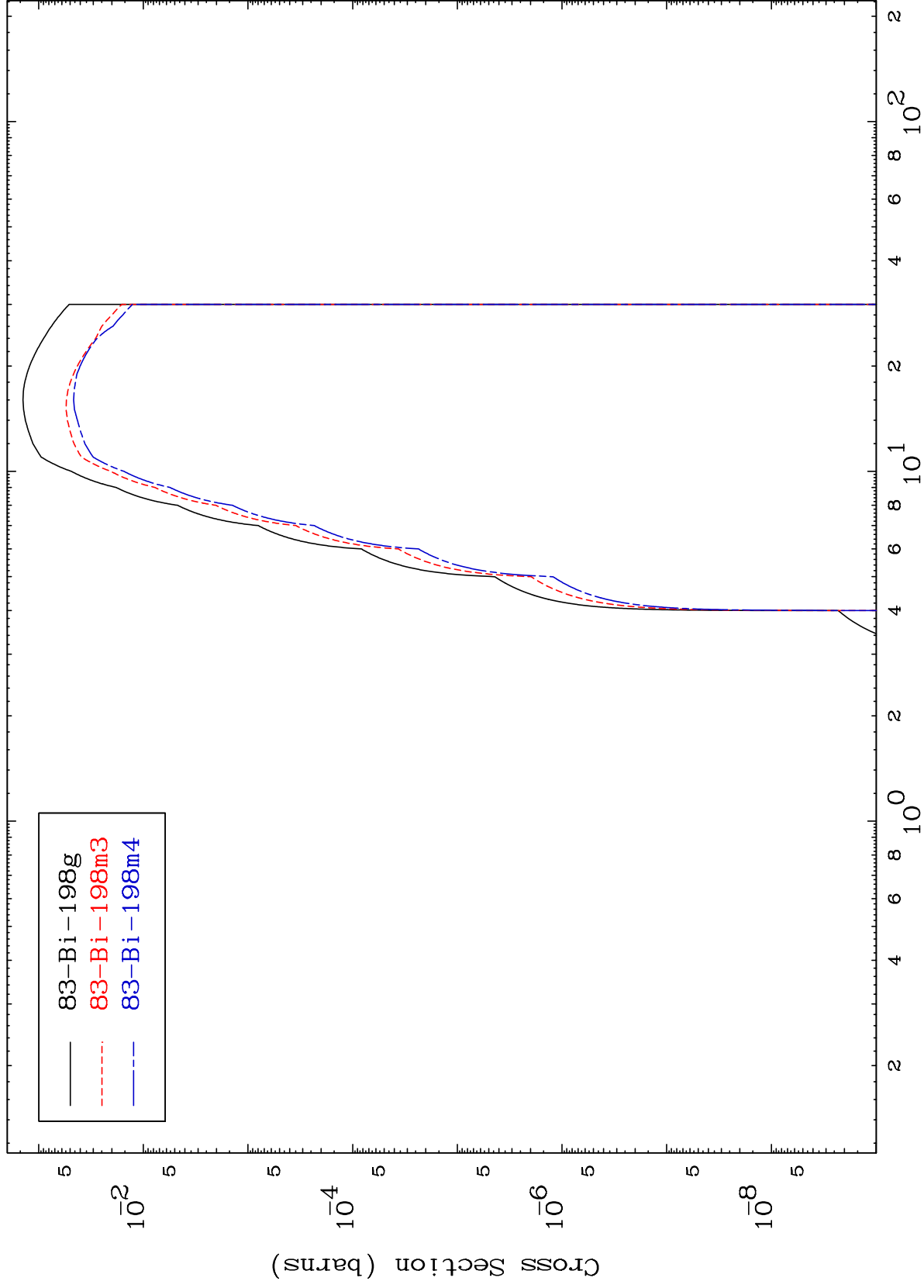
Incident Energy (MeV)

83-Bi-197

Radionuclide Production Cross Section
(d, γ)



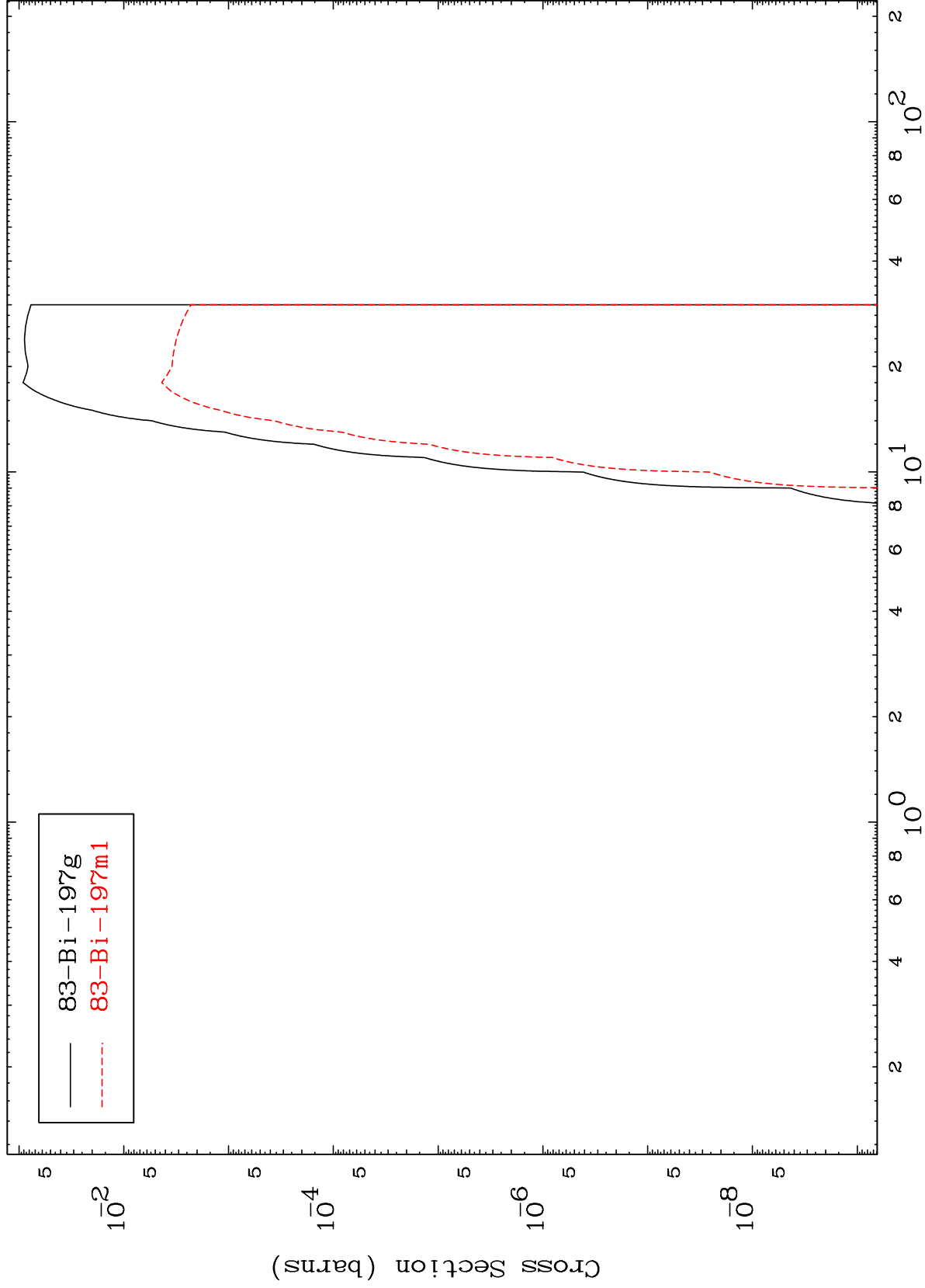
Radionuclide Production Cross Section (d,p)



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Radionuclide Production Cross Section
(d,d)



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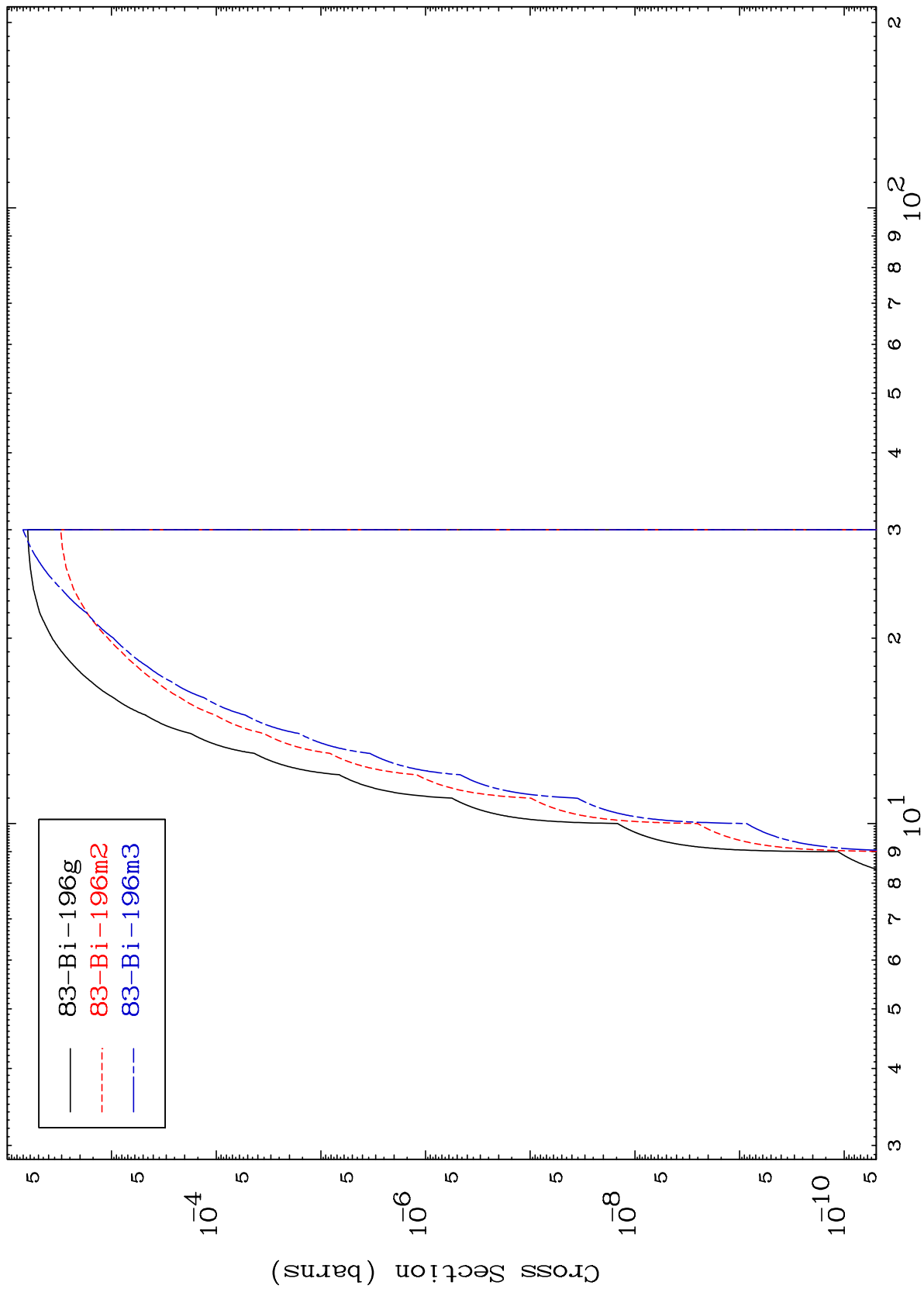
Incident Energy (MeV)

83-Bi-197

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83-Bi-197

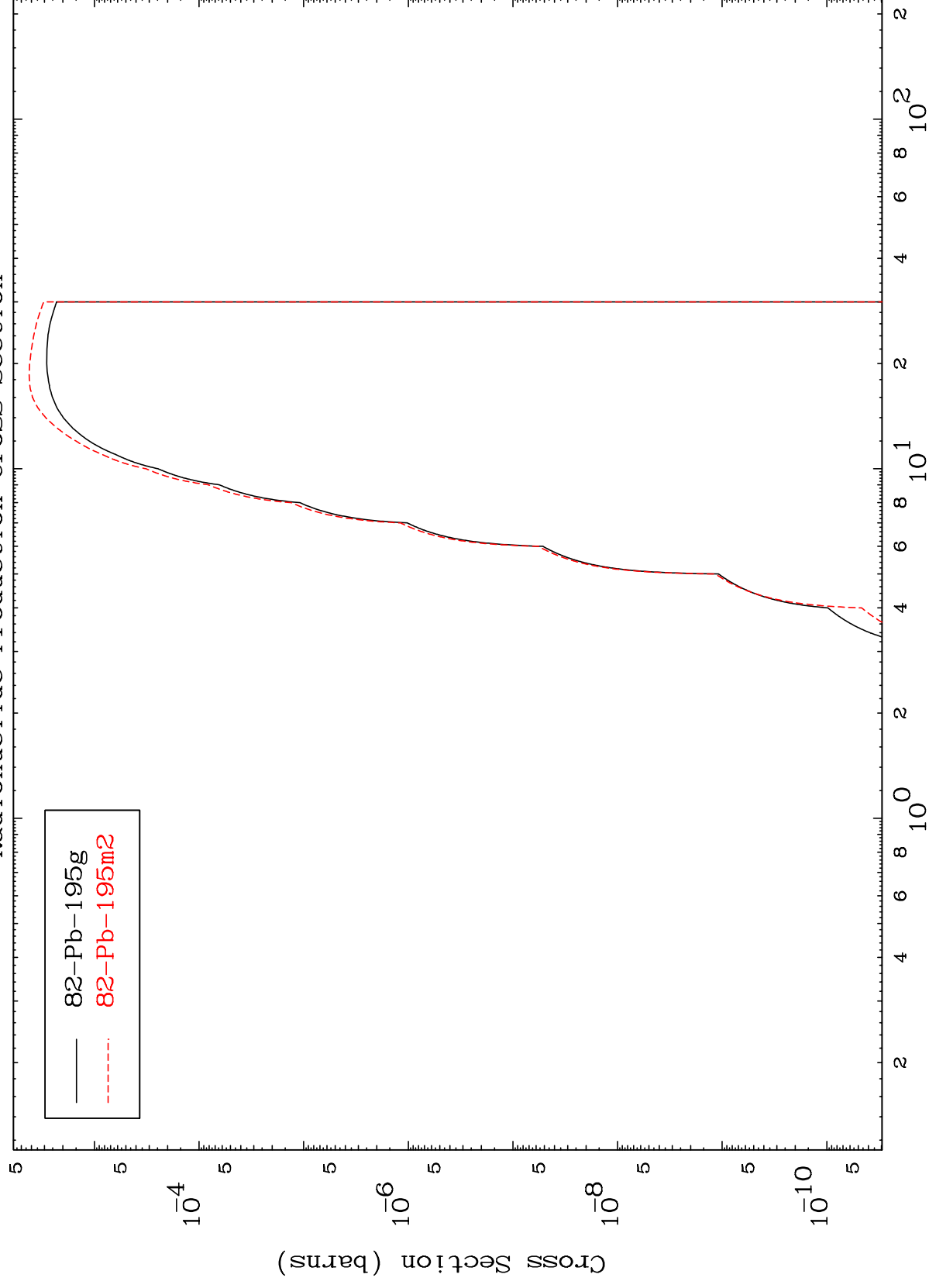
Radionuclide Production Cross Section
(d,t)



Incident Energy (MeV)

83-Bi-197

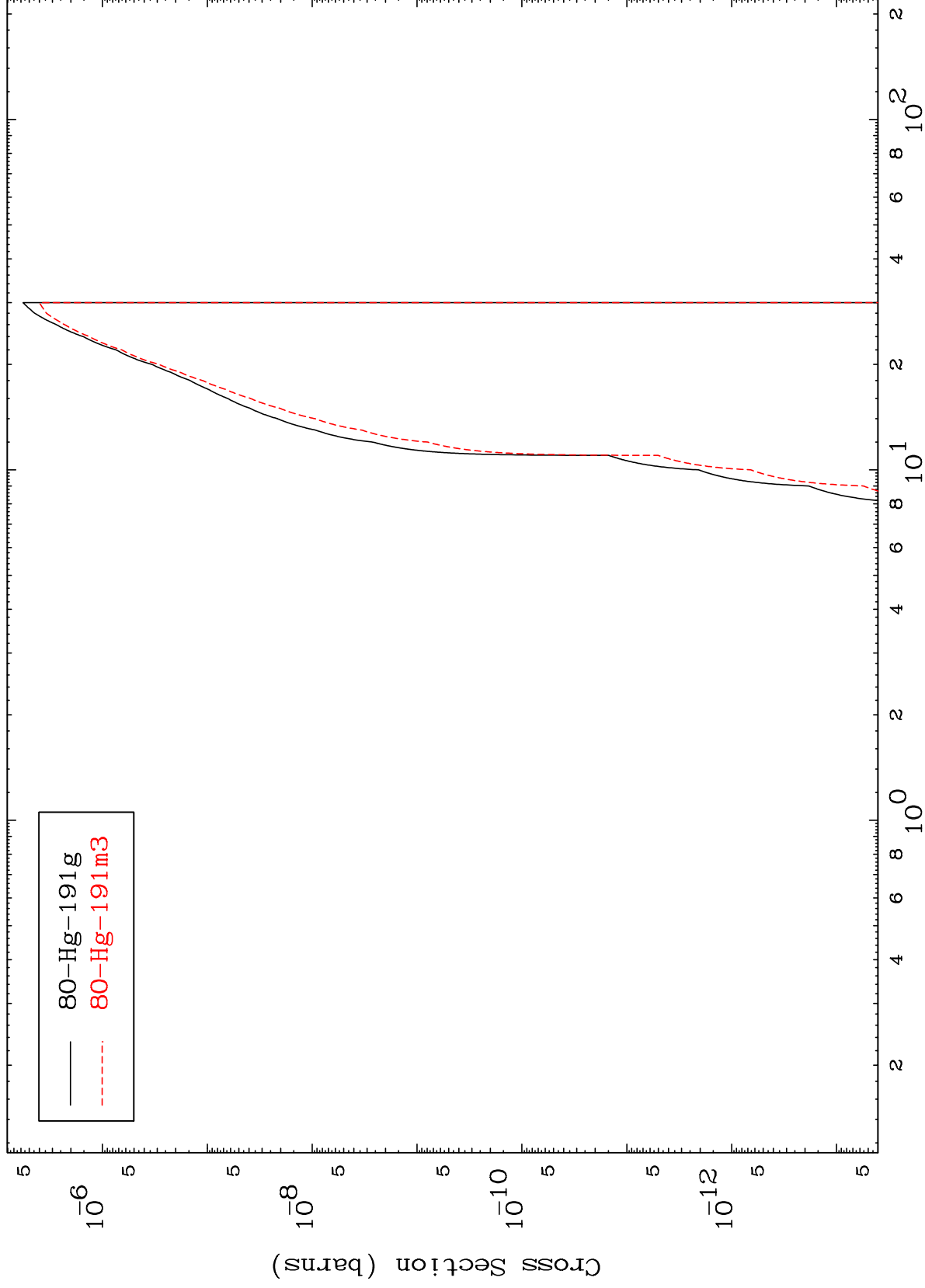
28

Radionuclide Production Cross Section
(d, α)

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Radionuclide Production Cross Section
(d,2 α)

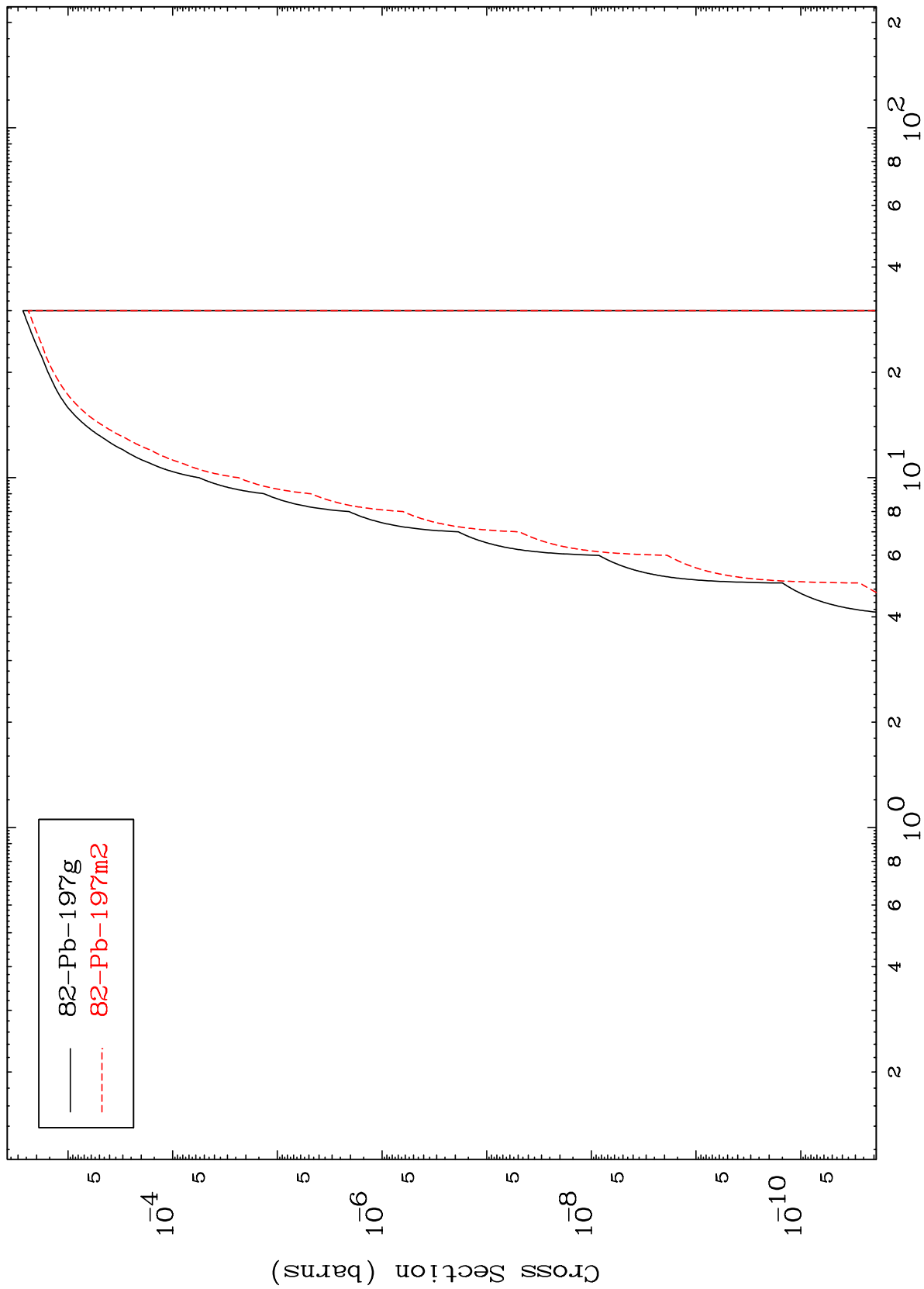


30

Incident Energy (MeV)

83-Bi-197

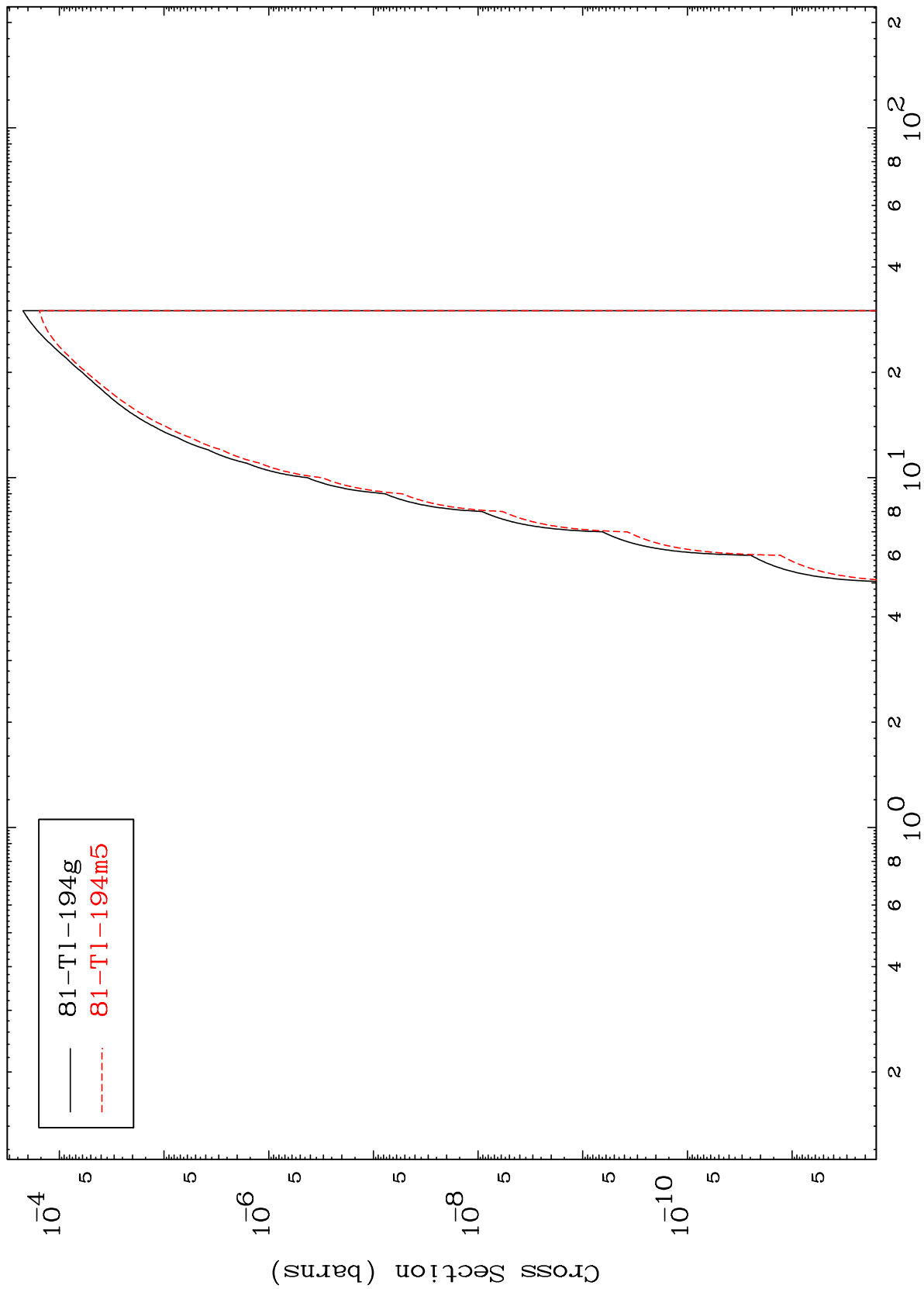
Radionuclide Production Cross Section (d,2p)



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(d,p) α
Radionuclide Production Cross Section



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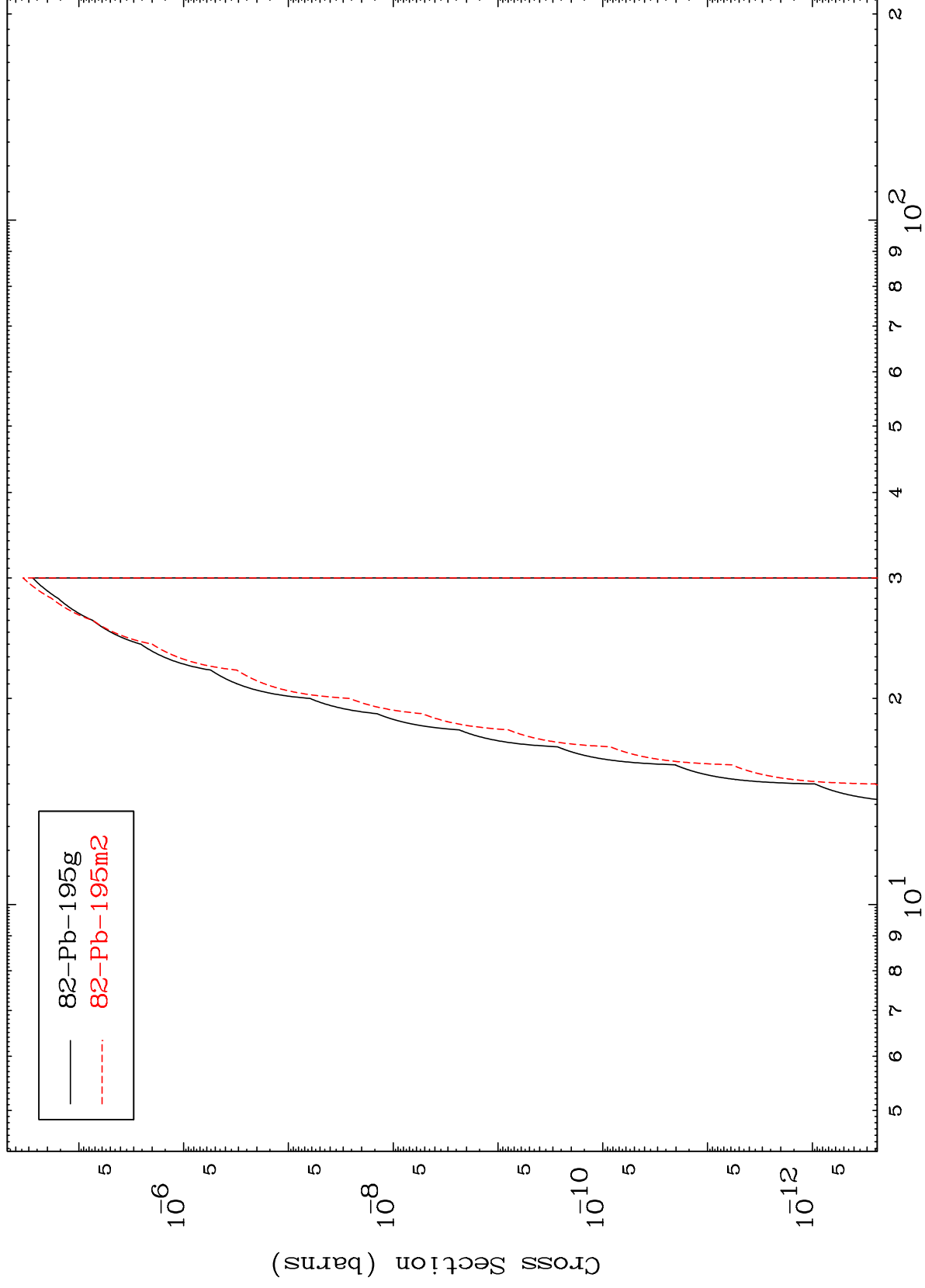
83-Bi-197

MAT 8290

(d,p) t

83-Bi-197

Radionuclide Production Cross Section



33

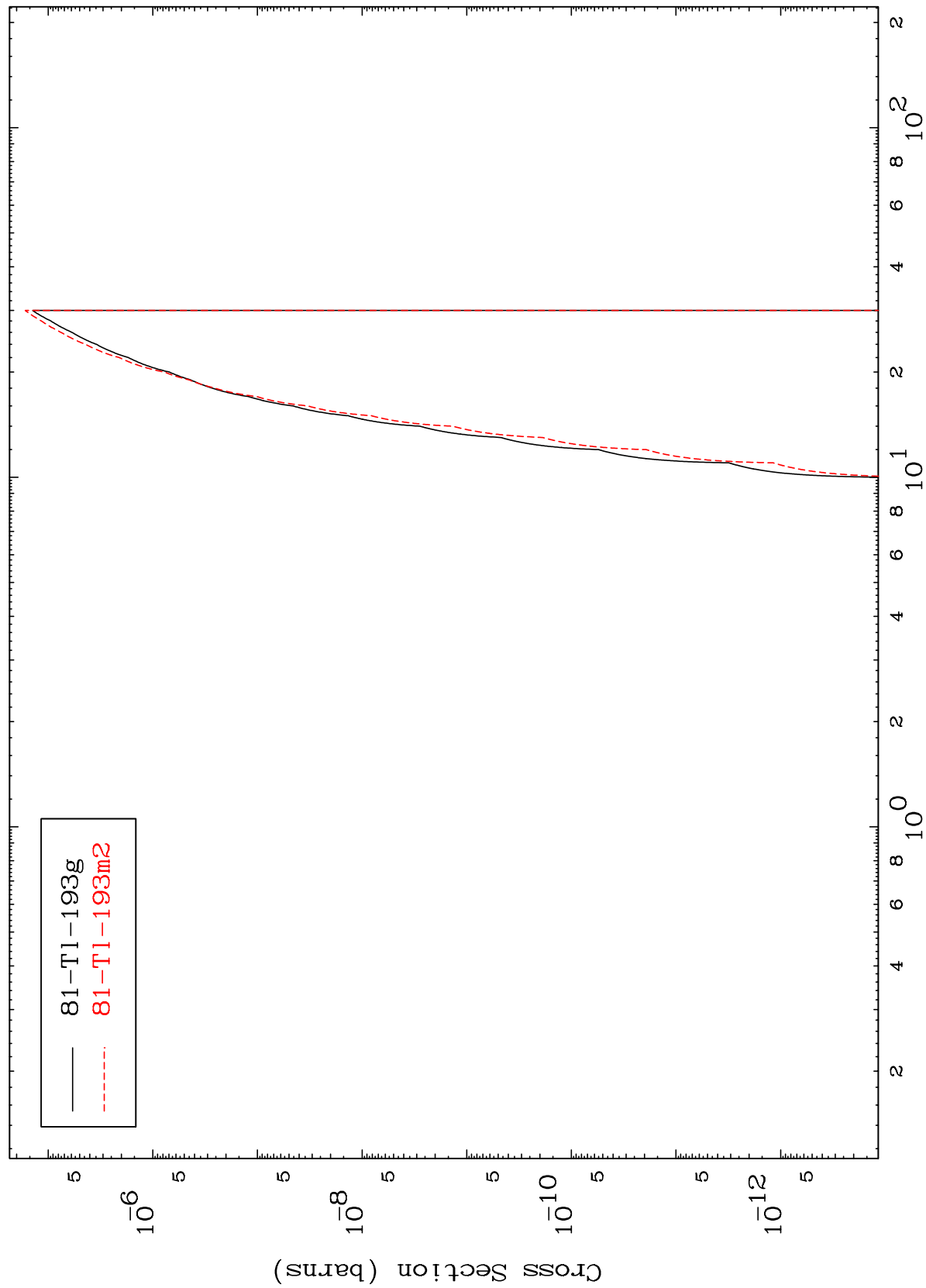
Incident Energy (MeV)

83-Bi-197

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83-Bi-197

(d,d) α
Radionuclide Production Cross Section



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83-Bi-197