

Program EVALPLOT
(Version 2018-1)

by

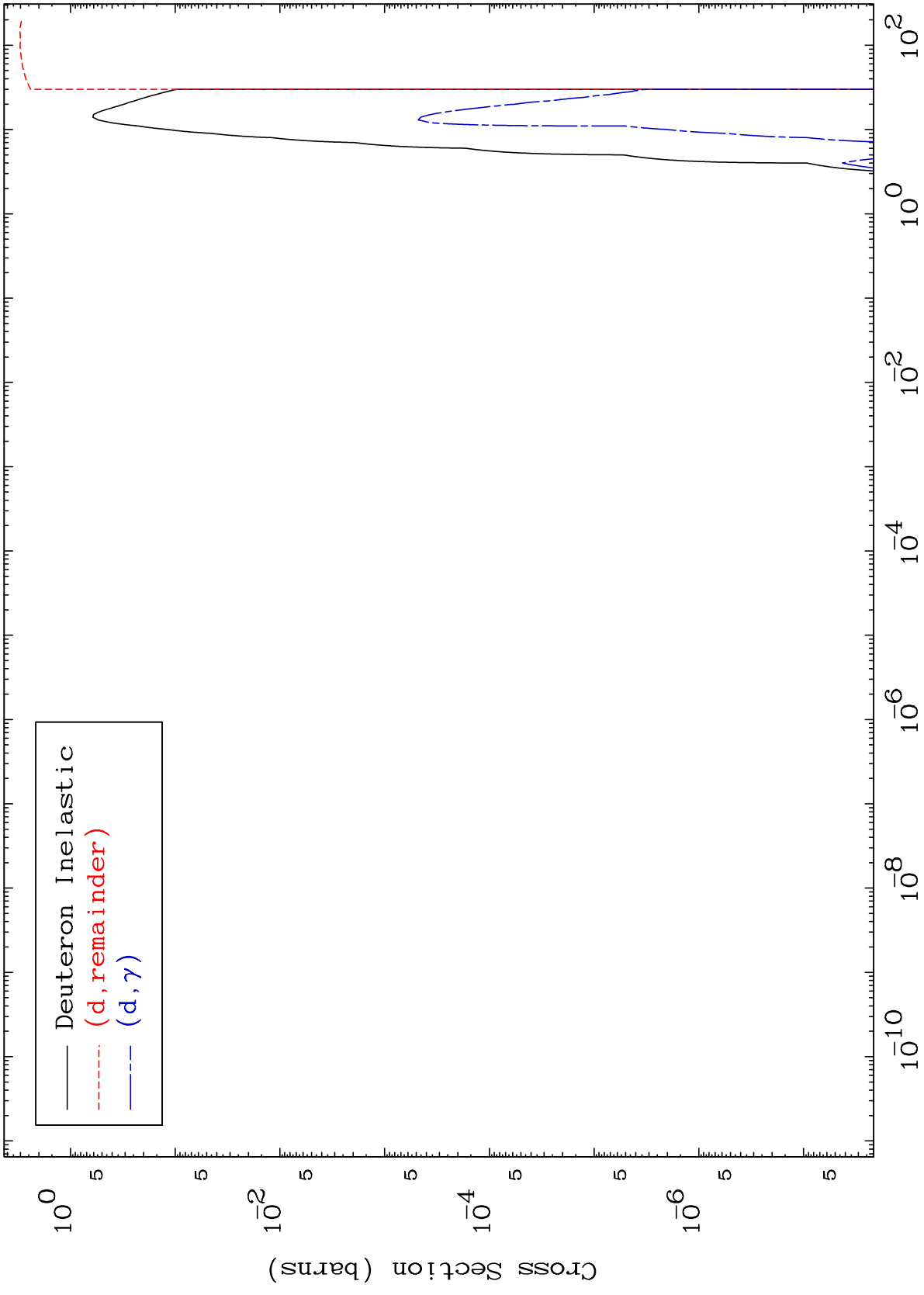
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(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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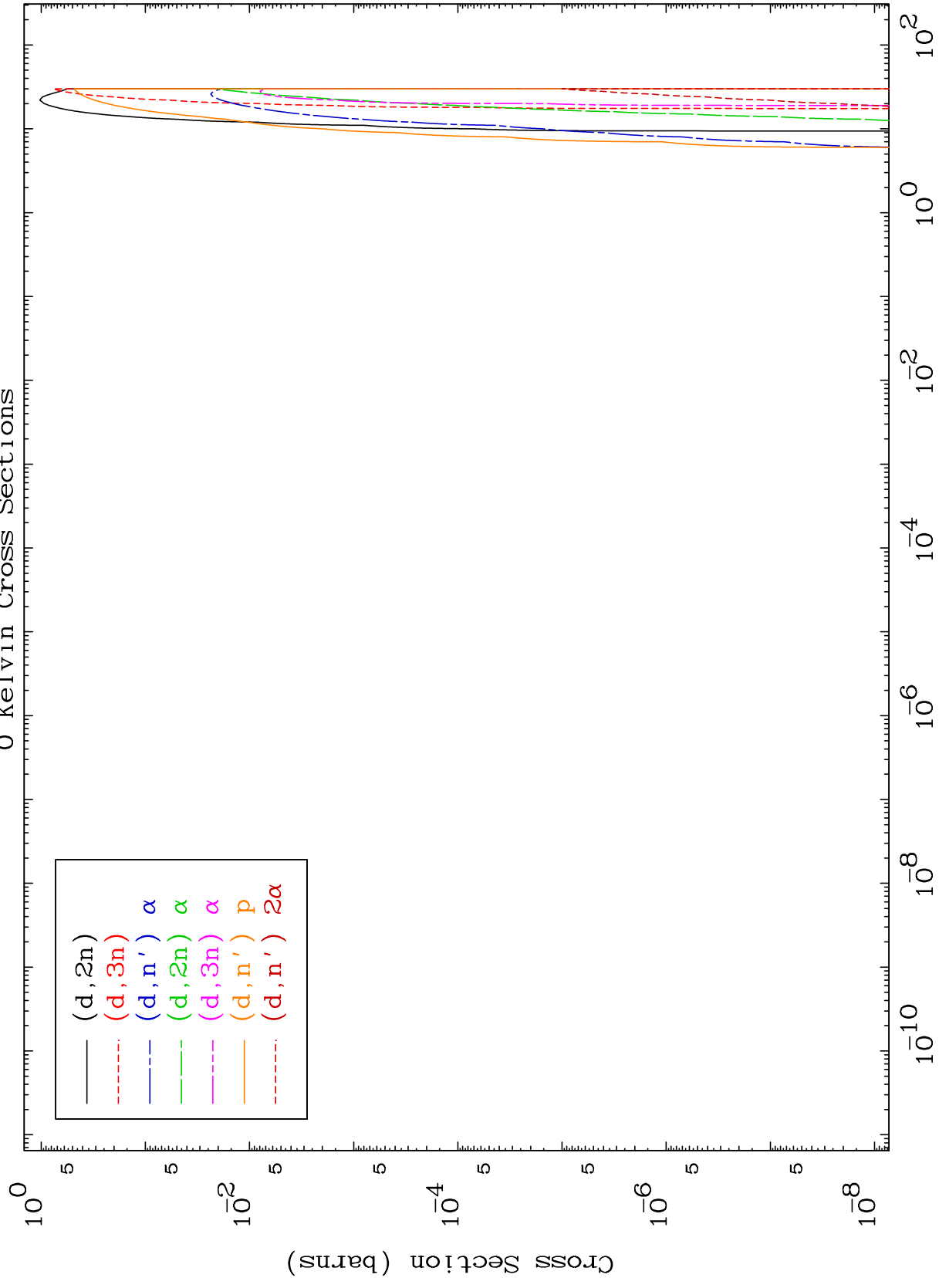
Press Mouse Button to Start

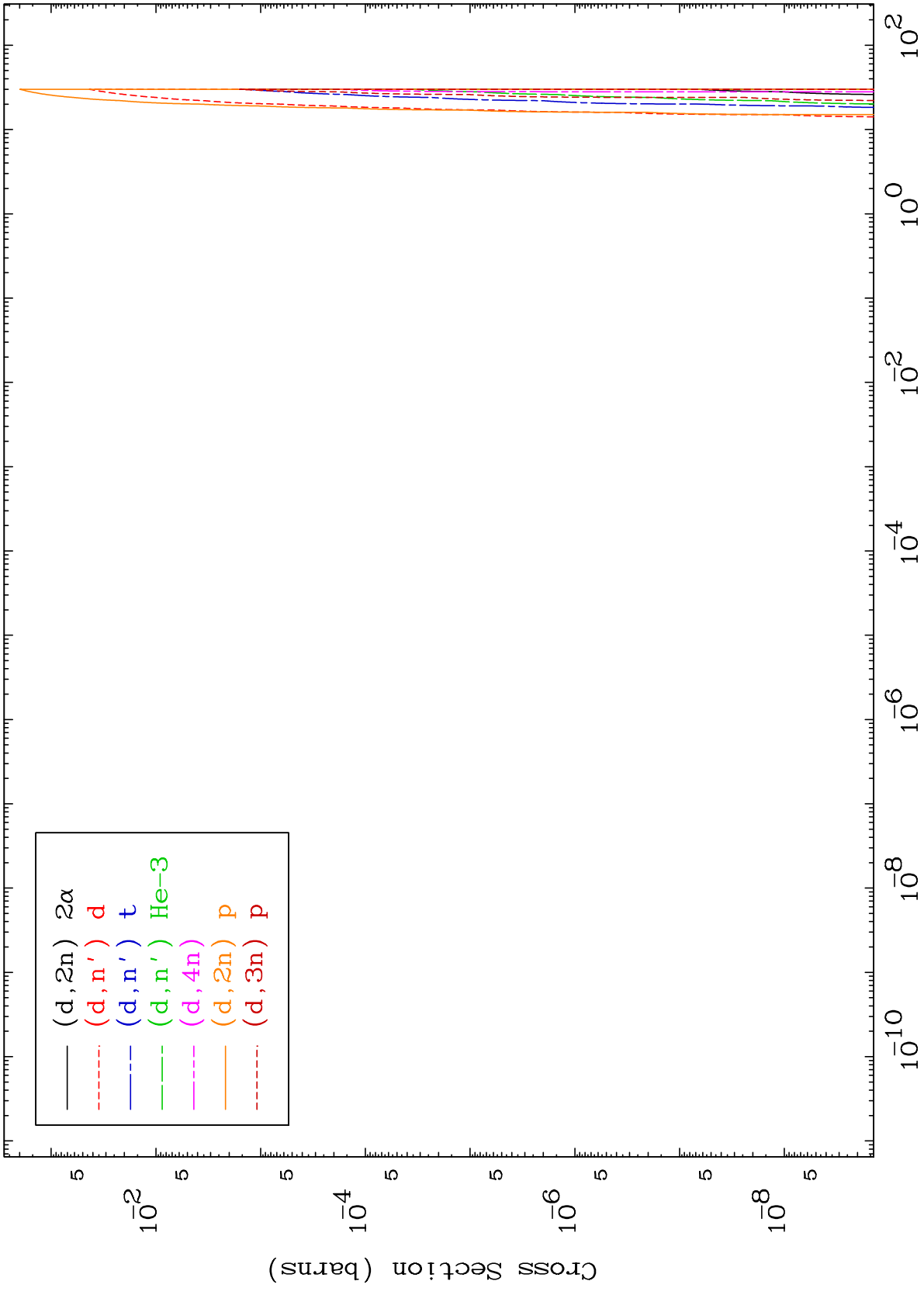


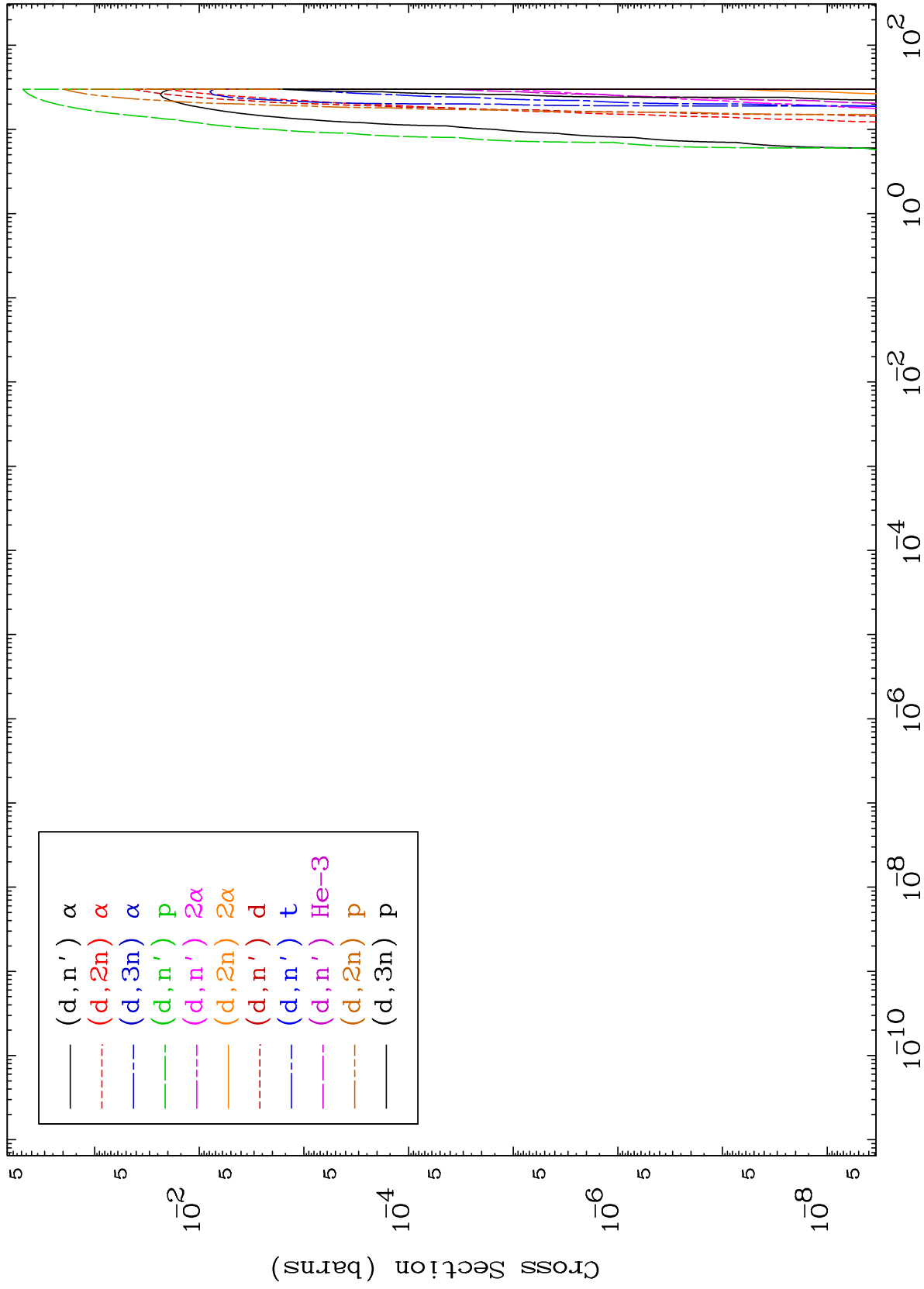
MAT 8289

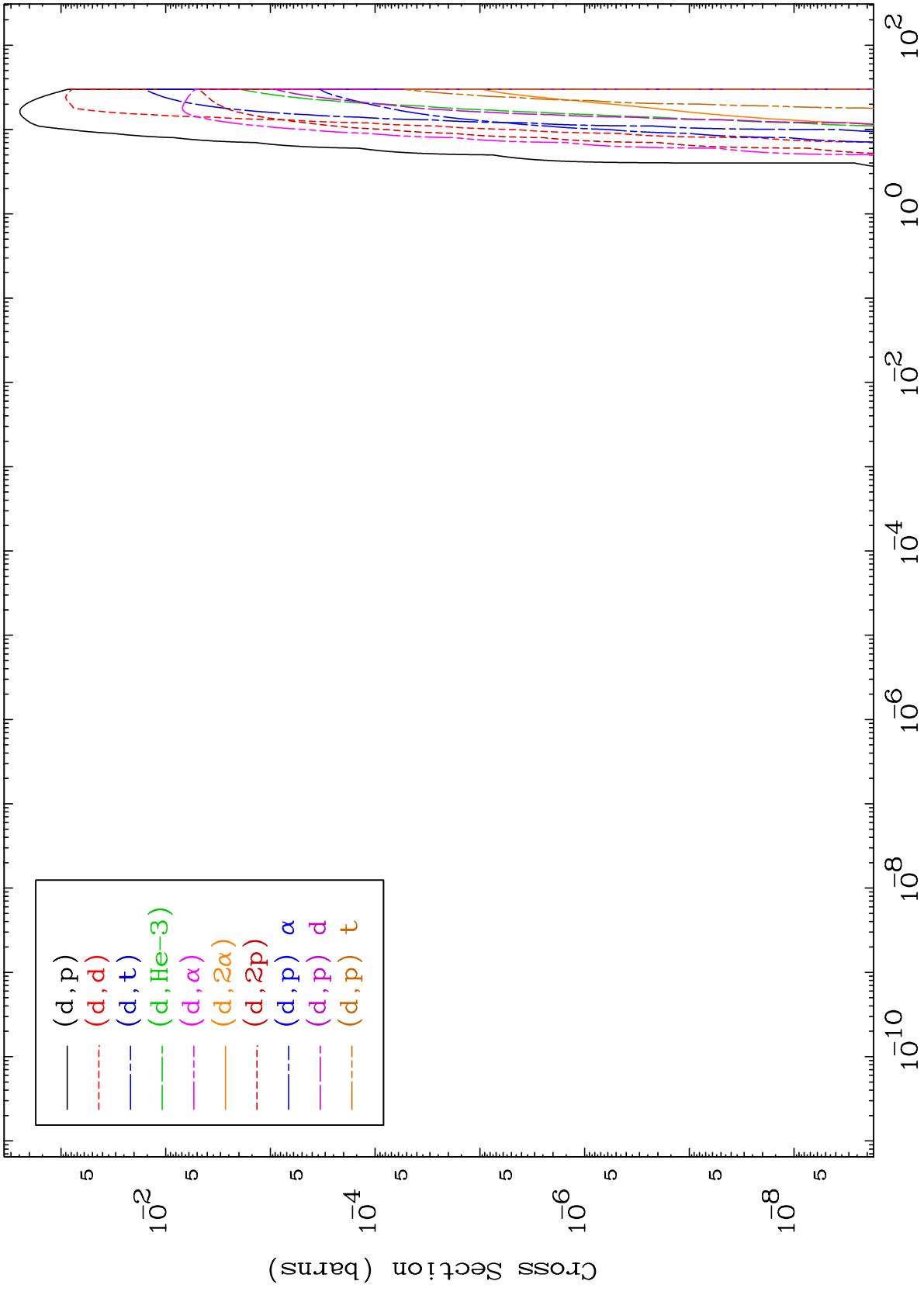
Deuteron Neutron Production
0 Kelvin Cross Sections

83-Bi-197





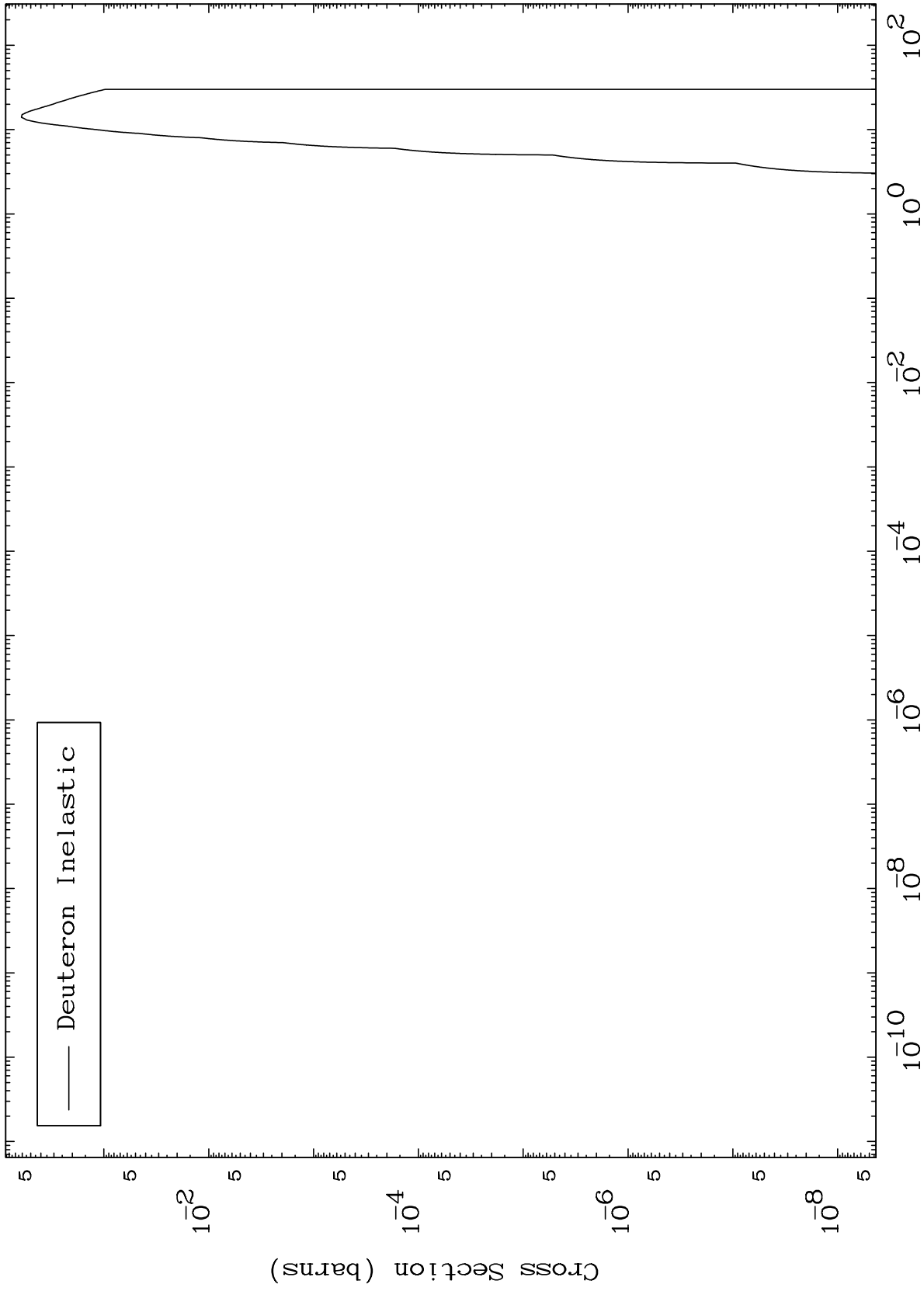




MAT 8289

(d,n') Level
0 Kelvin Cross Sections

83-Bi-197



6

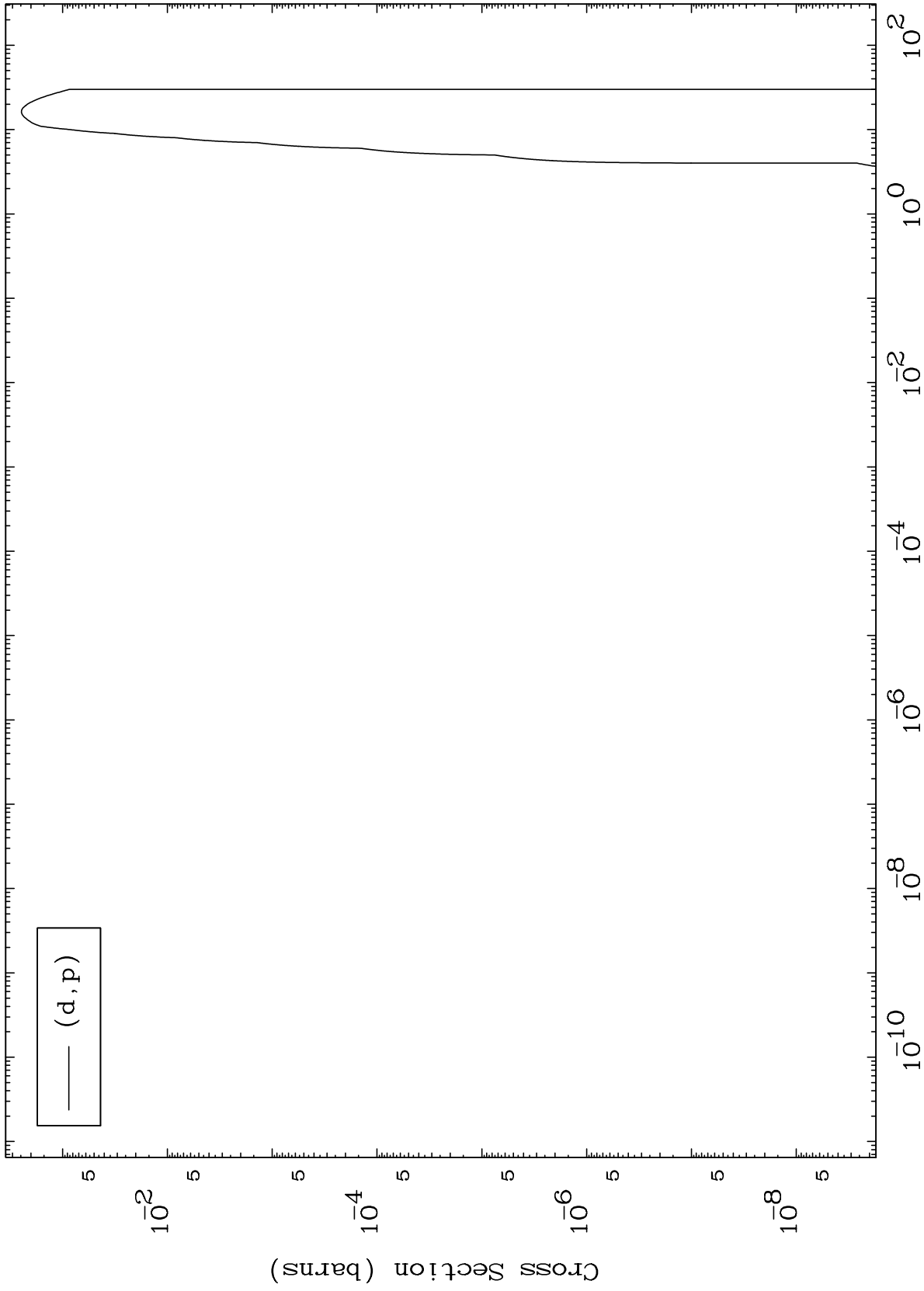
Incident Energy (MeV)

83-Bi-197

MAT 8289

(d,p) Levels
0 Kelvin Cross Sections

83-Bi-197



7

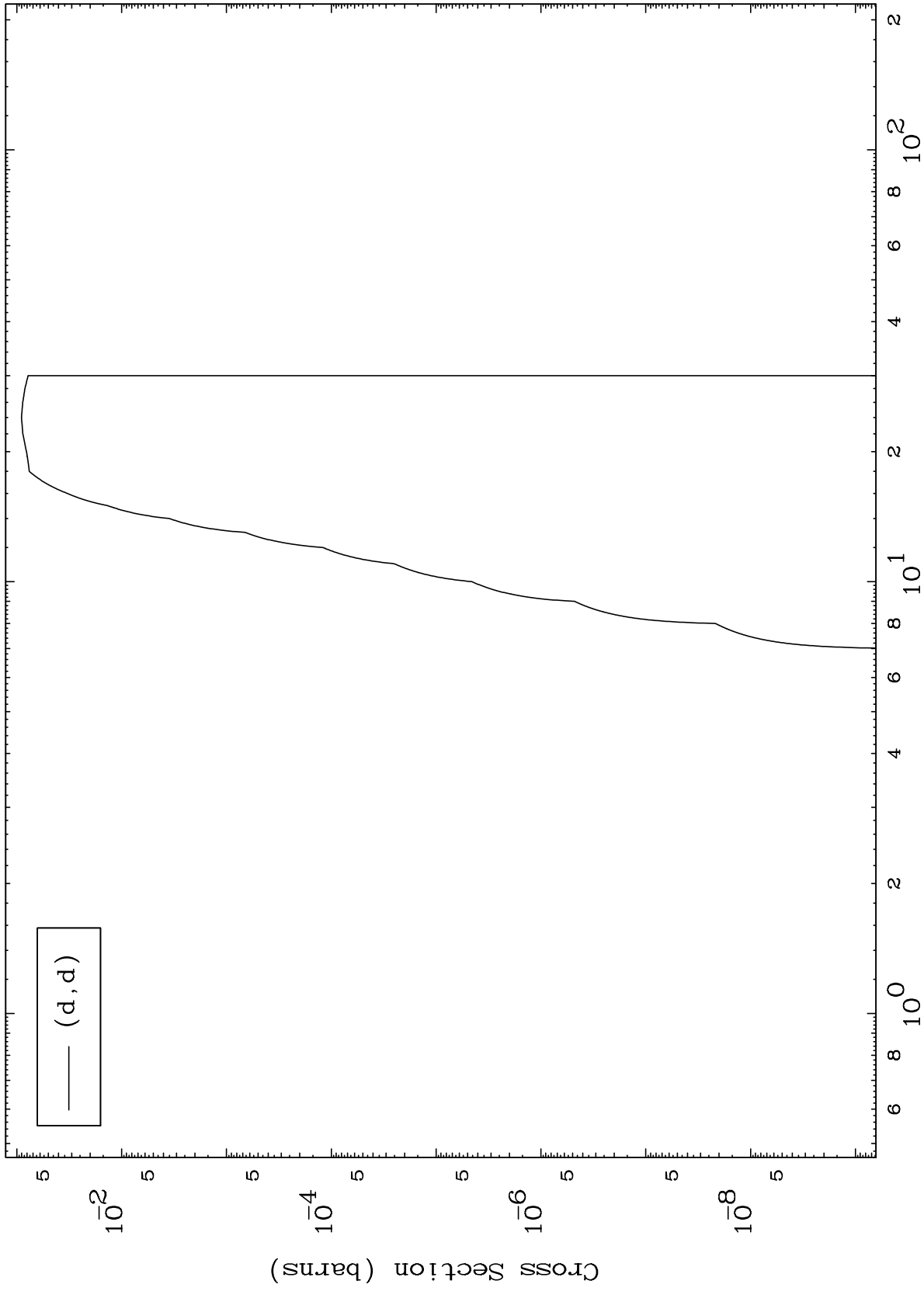
Incident Energy (MeV)

83-Bi-197

MAT 8289

(d,d) Levels
0 Kelvin Cross Sections

83-Bi-197



8

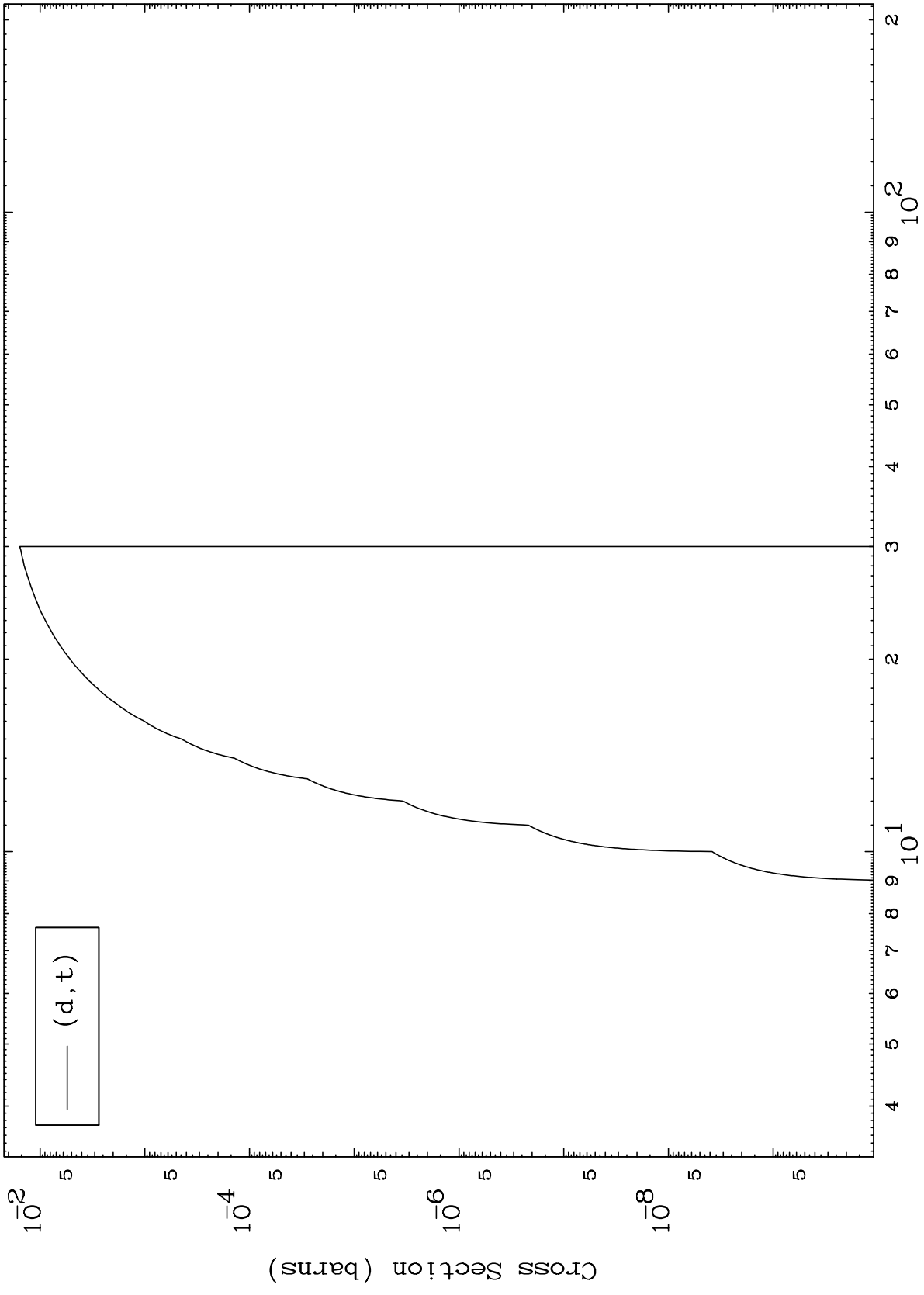
Incident Energy (MeV)

83-Bi-197

MAT 8289

(d,t) Levels
0 Kelvin Cross Sections

83-Bi-197



9

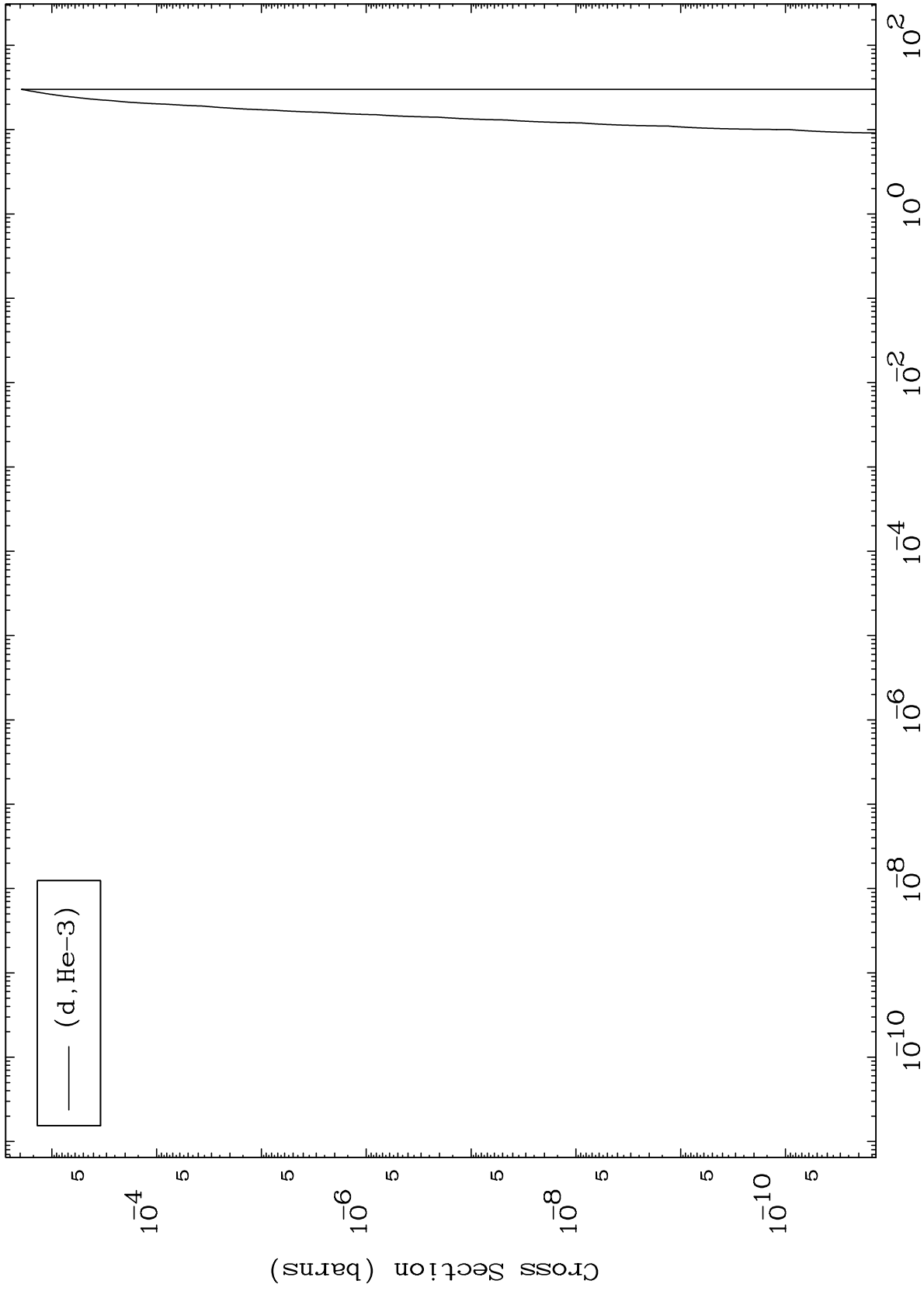
Incident Energy (MeV)

83-Bi-197

MAT 8289

(d,He3) Levels
0 Kelvin Cross Sections

83-Bi-197



10

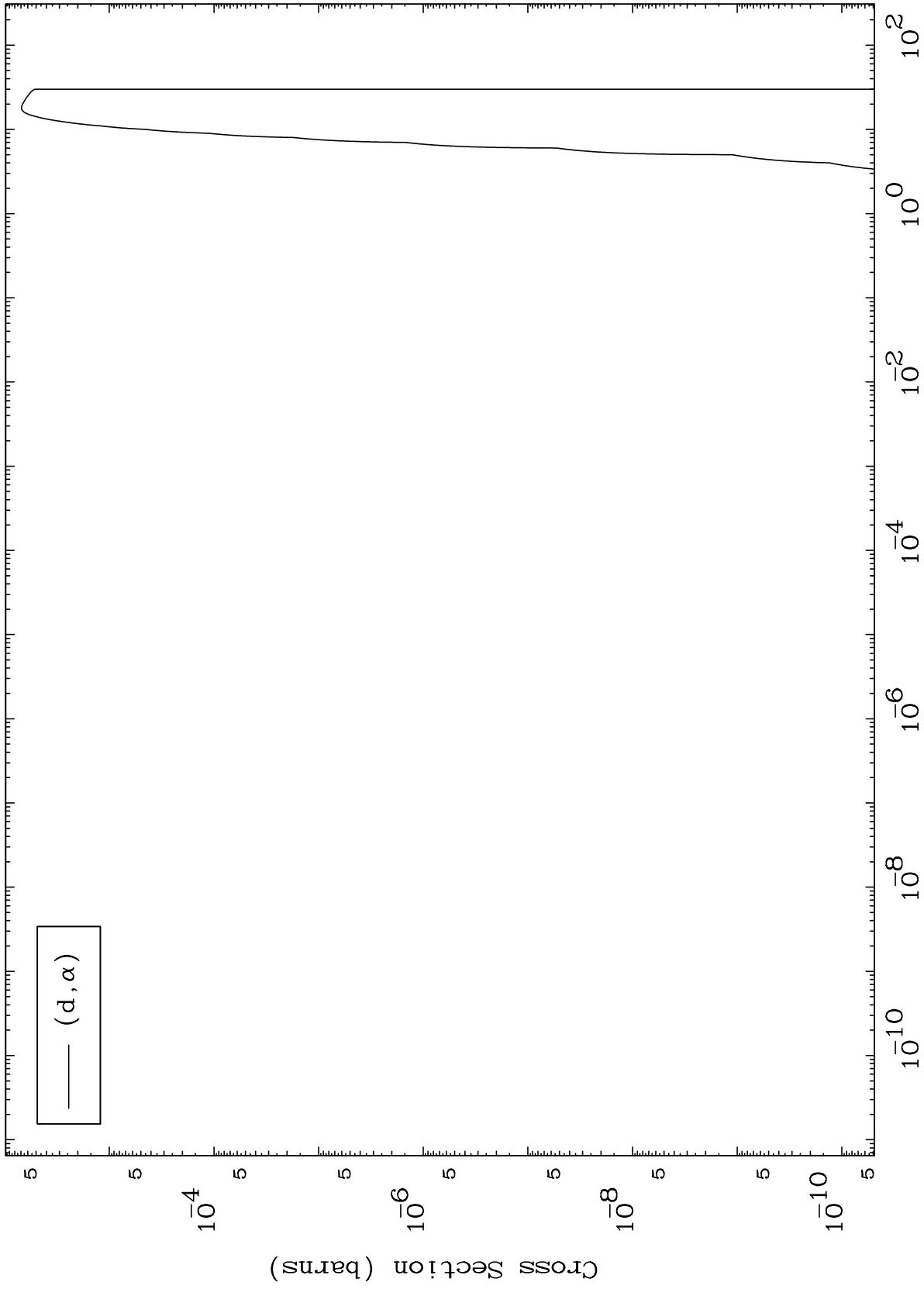
Incident Energy (MeV)

83-Bi-197

MAT 8289

(d, α) Levels
0 Kelvin Cross Sections

83-Bi-197



11

Incident Energy (MeV)

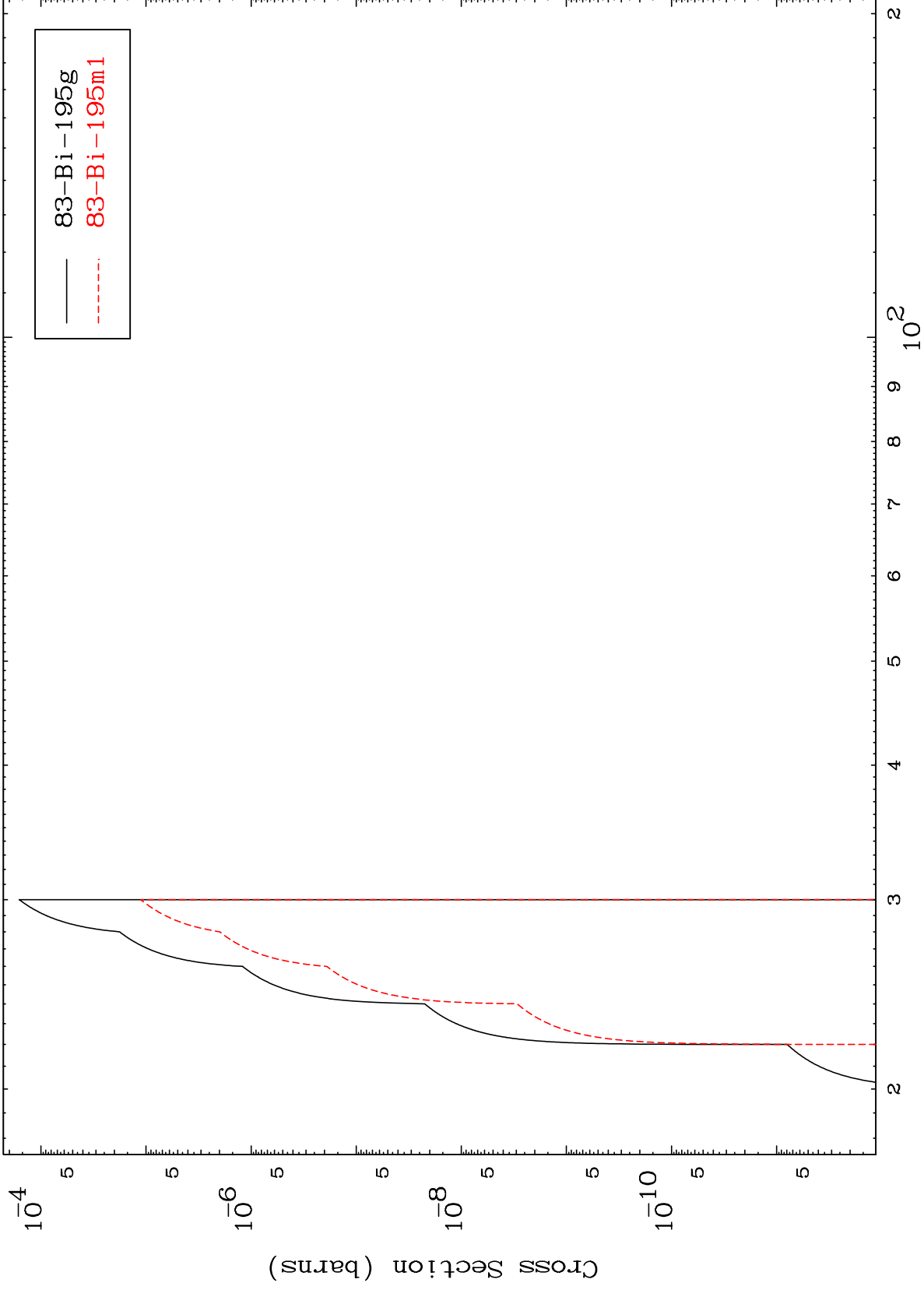
83-Bi-197

MAT 8289

(d,2n) d

83-Bi-197

Radionuclide Production Cross Section



12

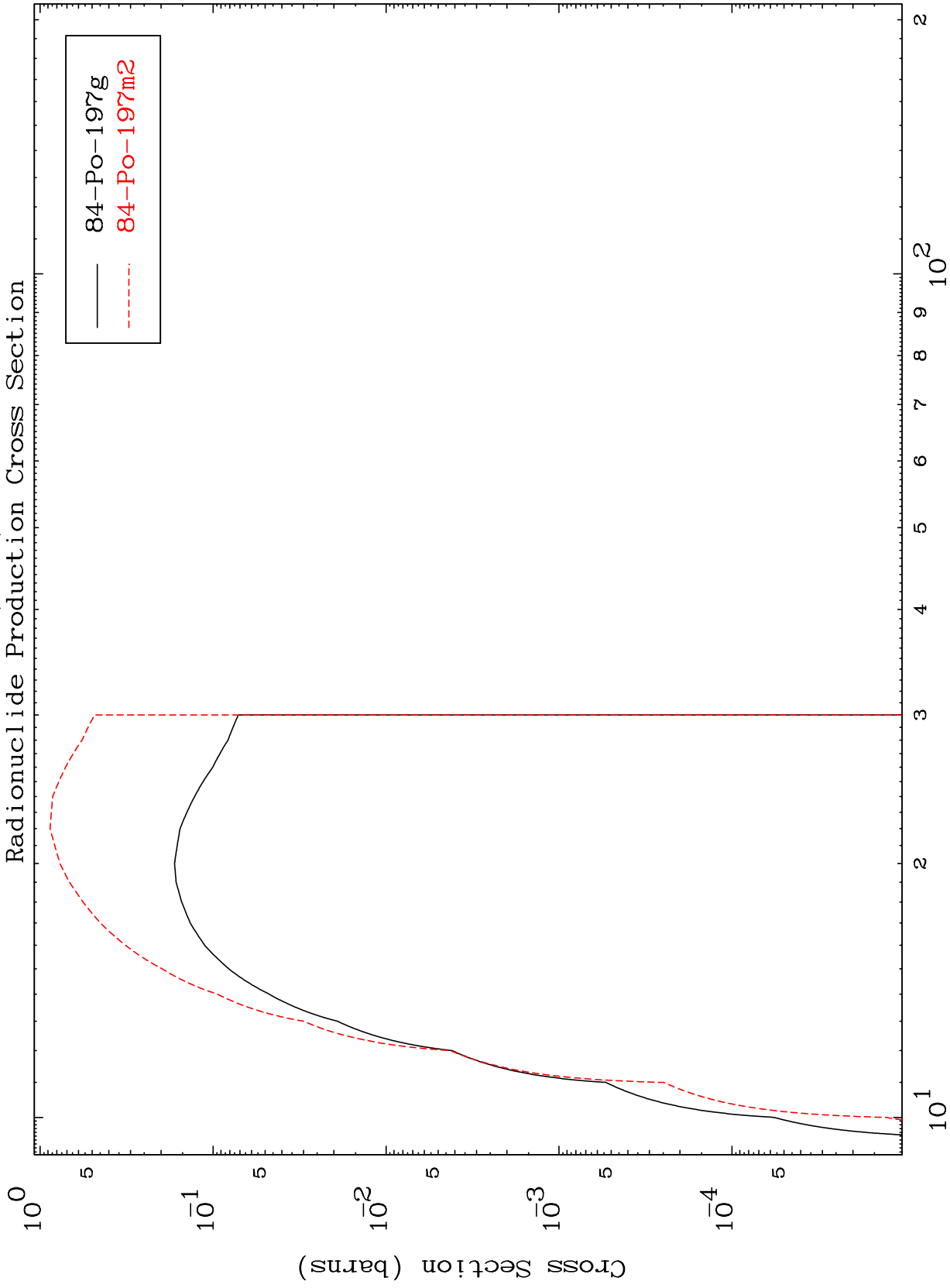
Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

(d,2n)
Radionuclide Production Cross Section



13

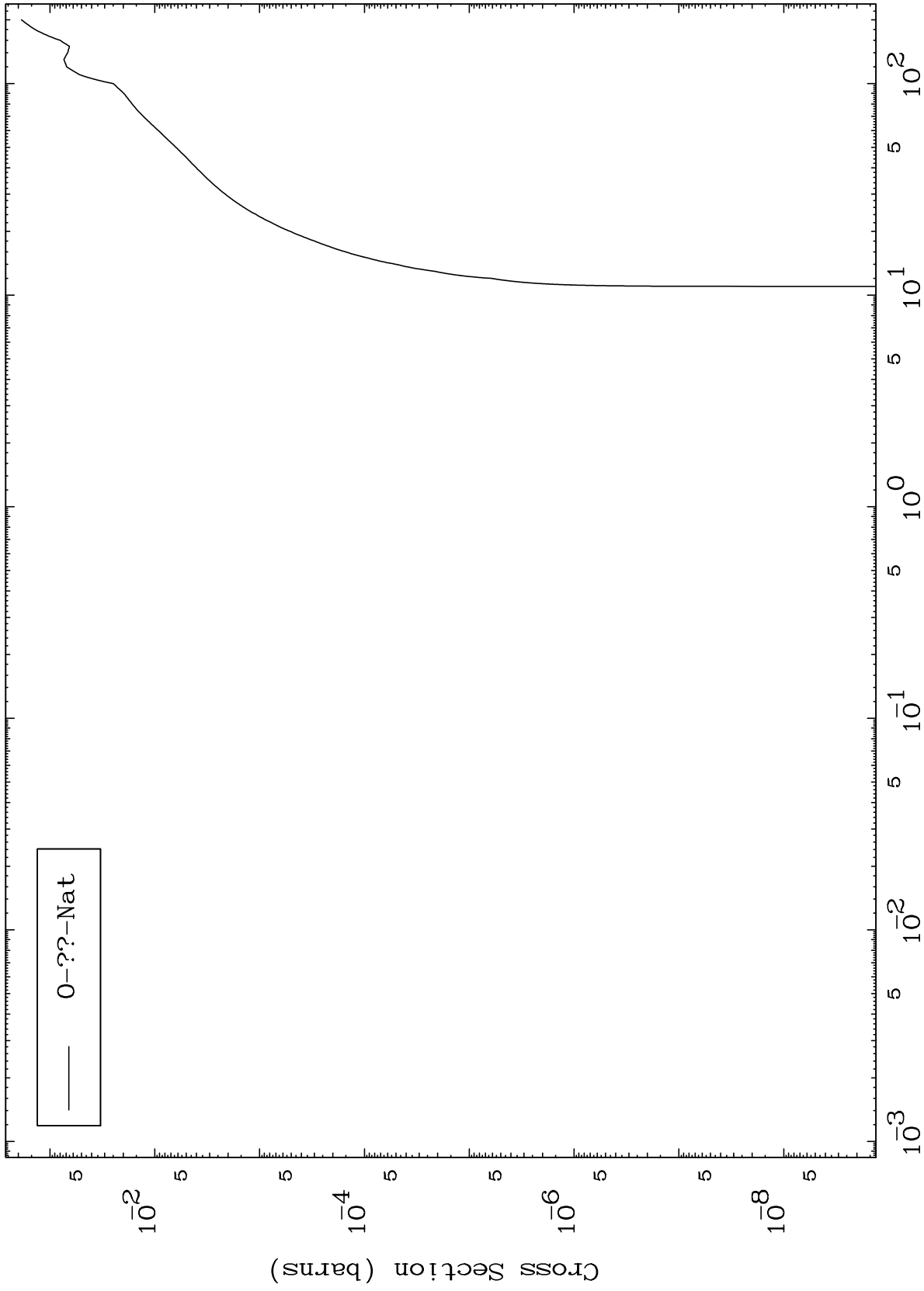
Incident Energy (MeV)

83-Bi-197

MAT 8289

Deuteron Fission
Radionuclide Production Cross Section

83-Bi-197



14

Incident Energy (MeV)

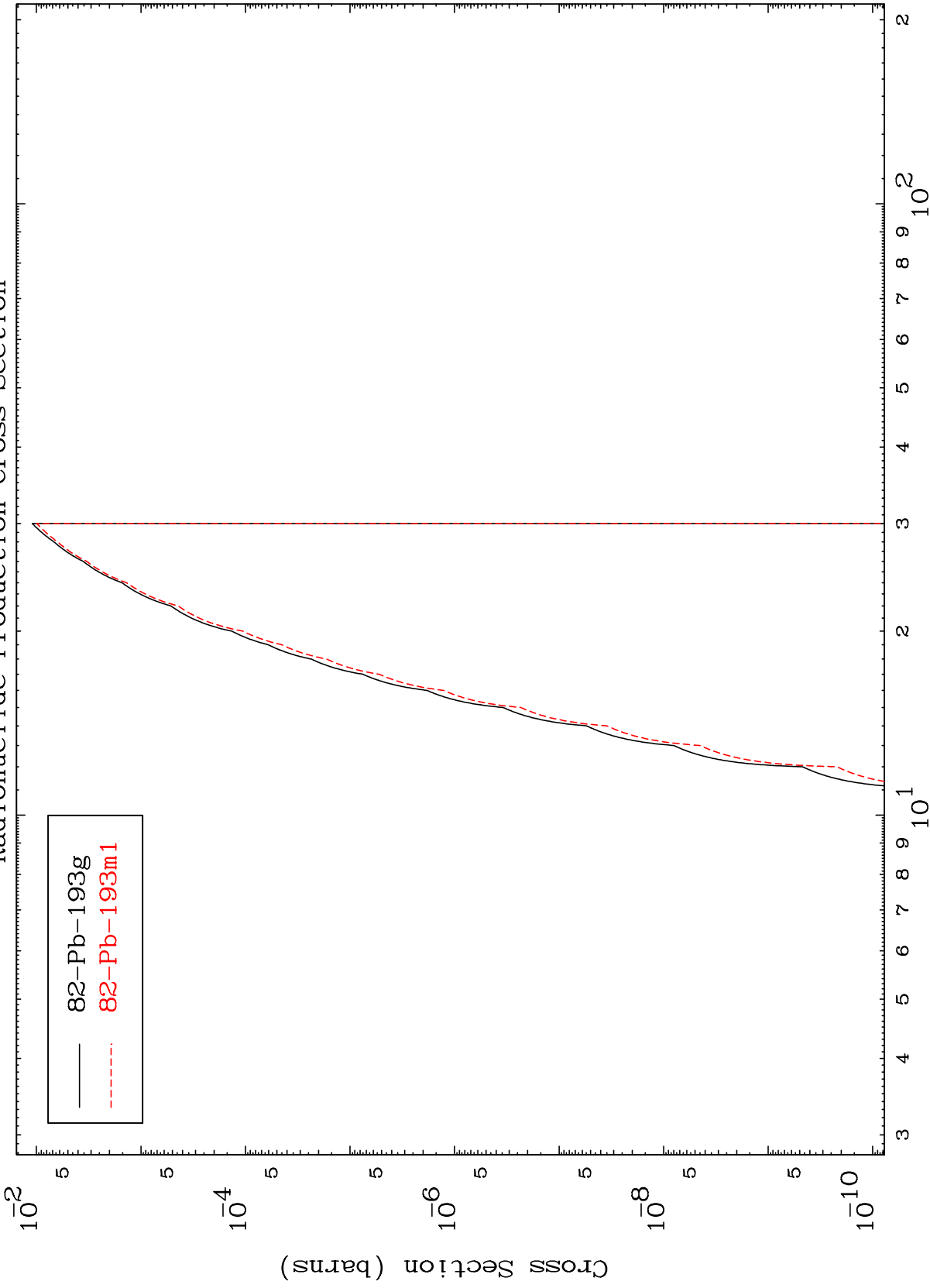
83-Bi-197

MAT 8289

(d,2n) α

83-Bi-197

Radionuclide Production Cross Section

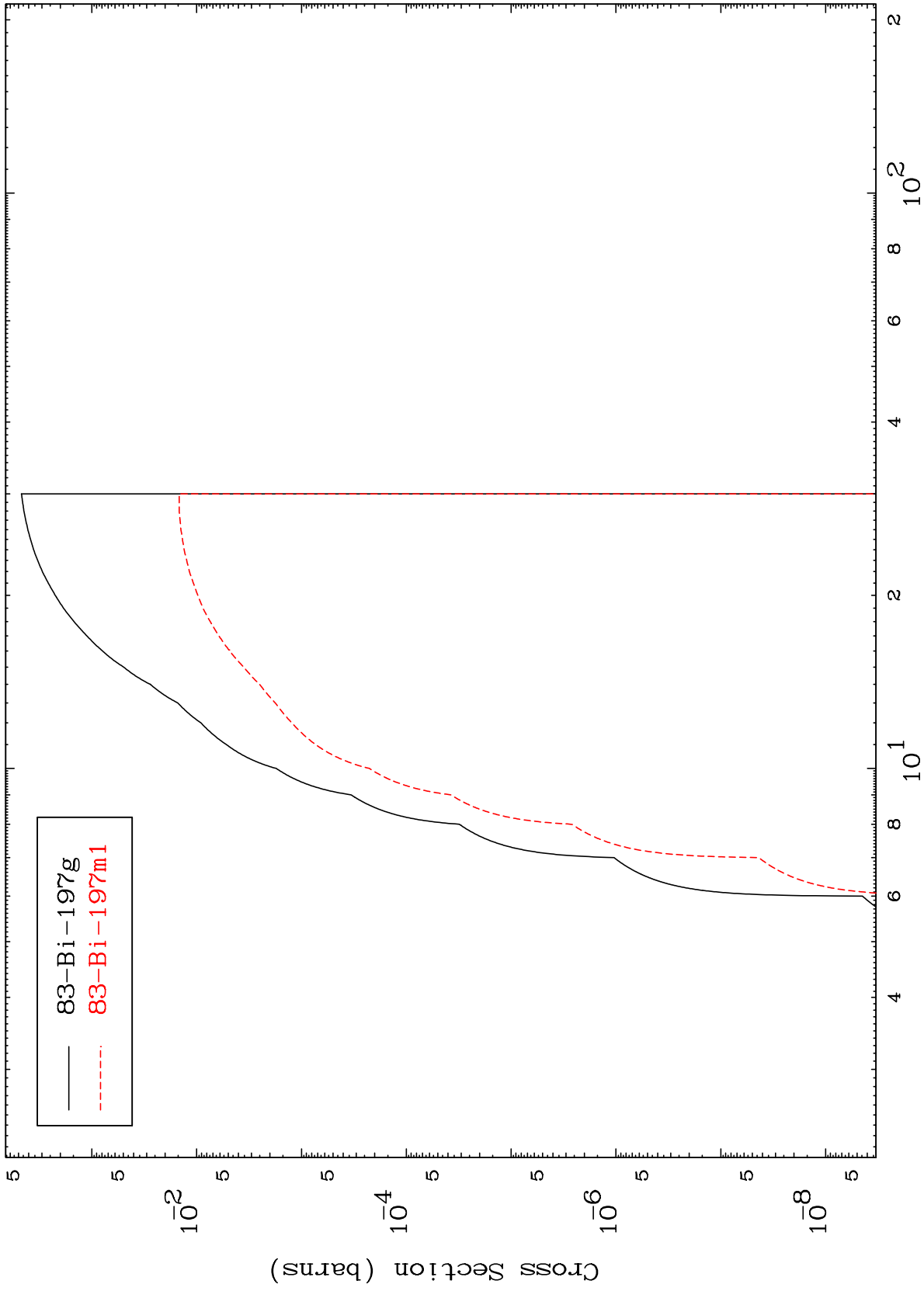


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(d,n') p

83-Bi-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

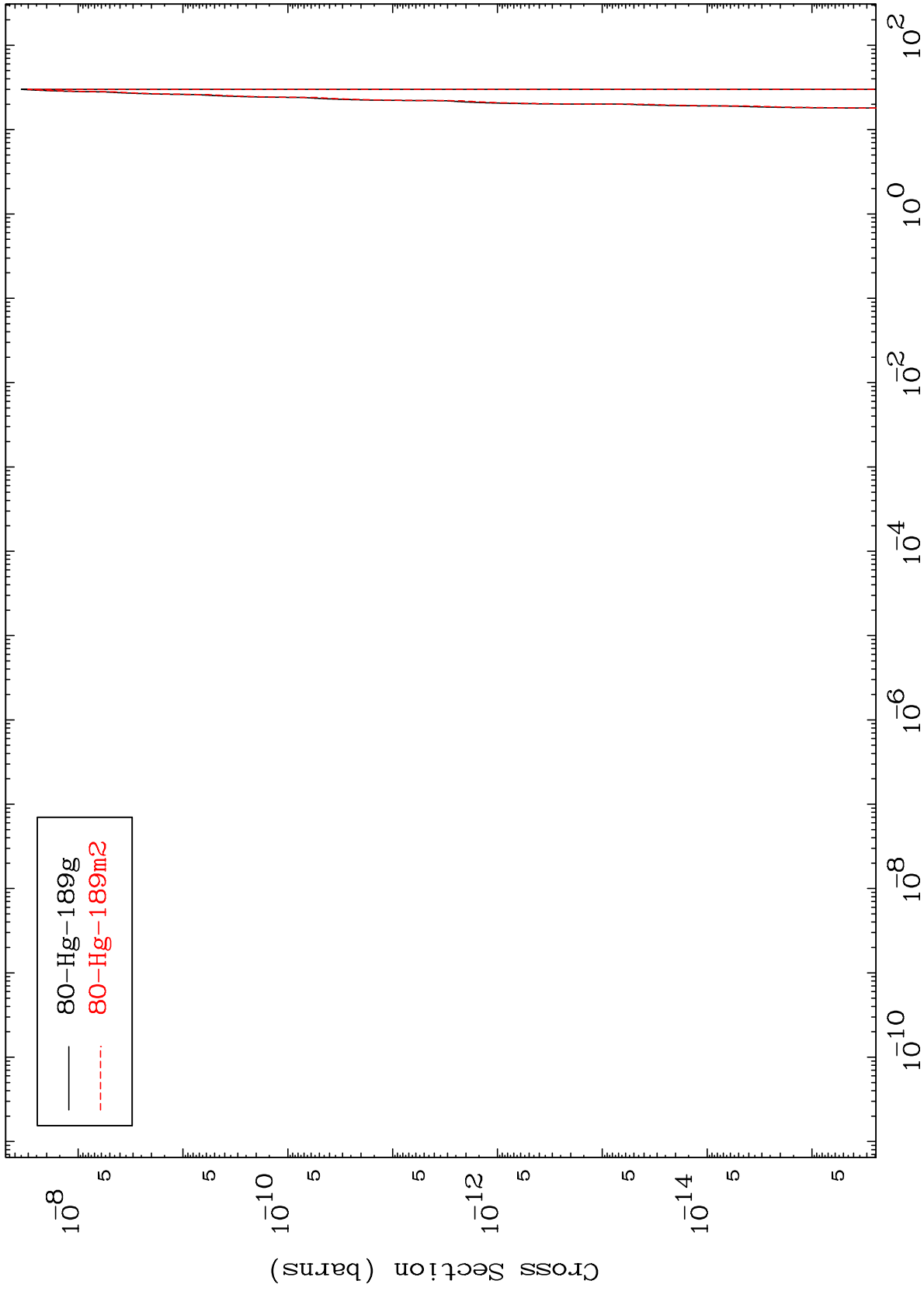
83-Bi-197

MAT 8289

(d,2n) 2 α

83-Bi-197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

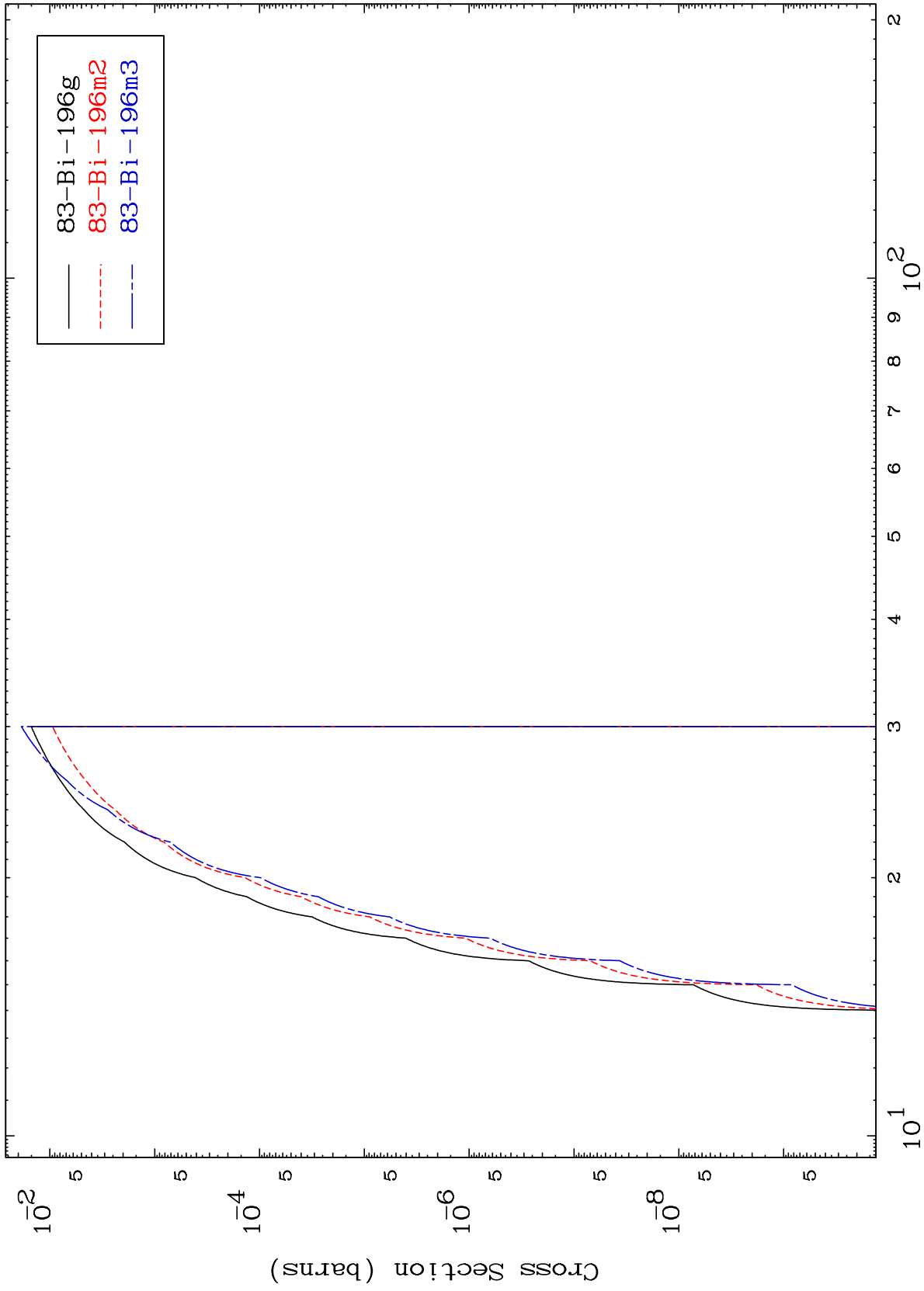
83-Bi-197

MAT 8289

(d,n') d

83-Bi-197

Radionuclide Production Cross Section



Incident Energy (MeV)

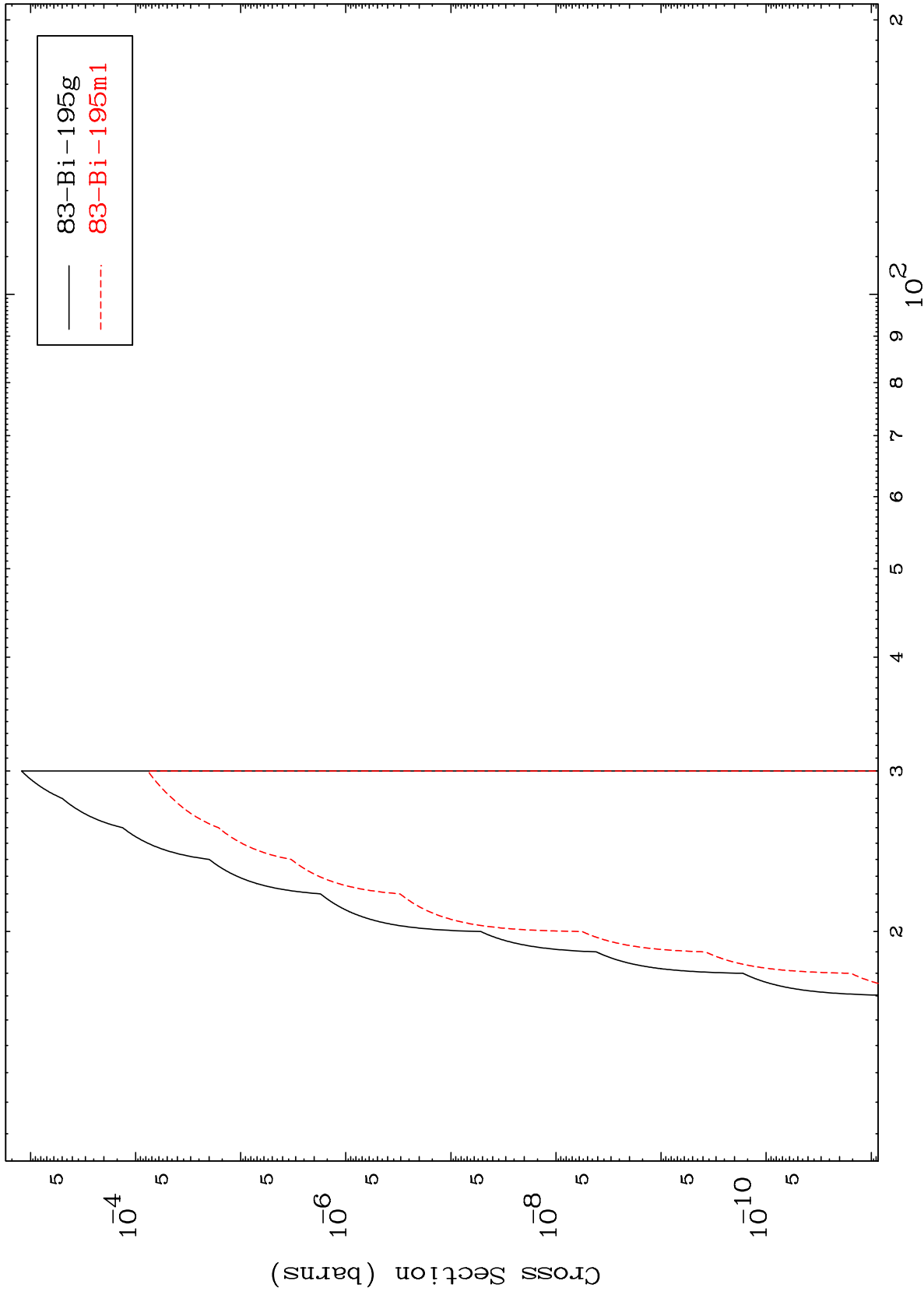
83-Bi-197

MAT 8289

(d,n') t

83-Bi-197

Radionuclide Production Cross Section



19

Incident Energy (MeV)

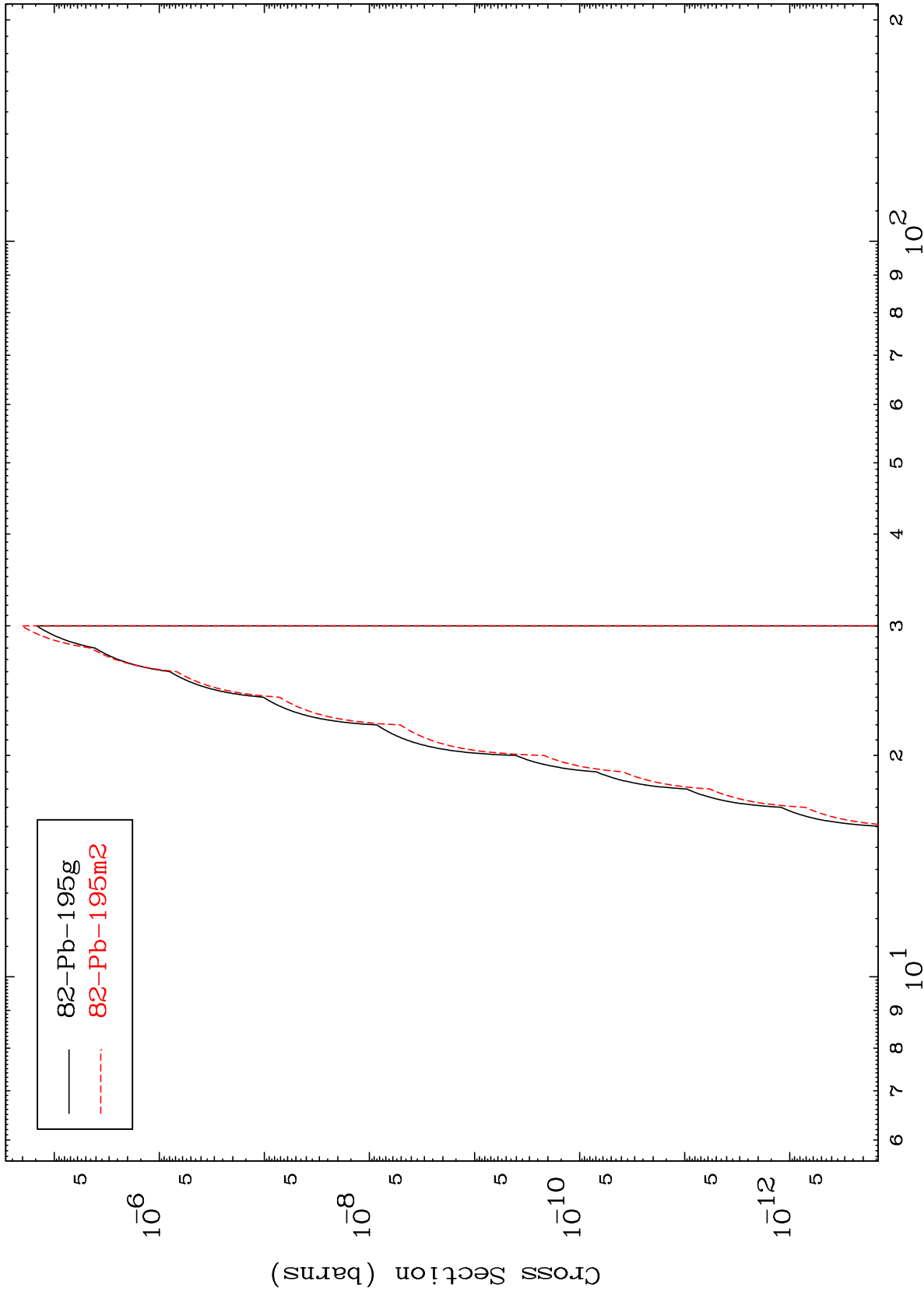
83-Bi-197

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(d, n') He-3

83-Bi-197

Radionuclide Production Cross Section



20

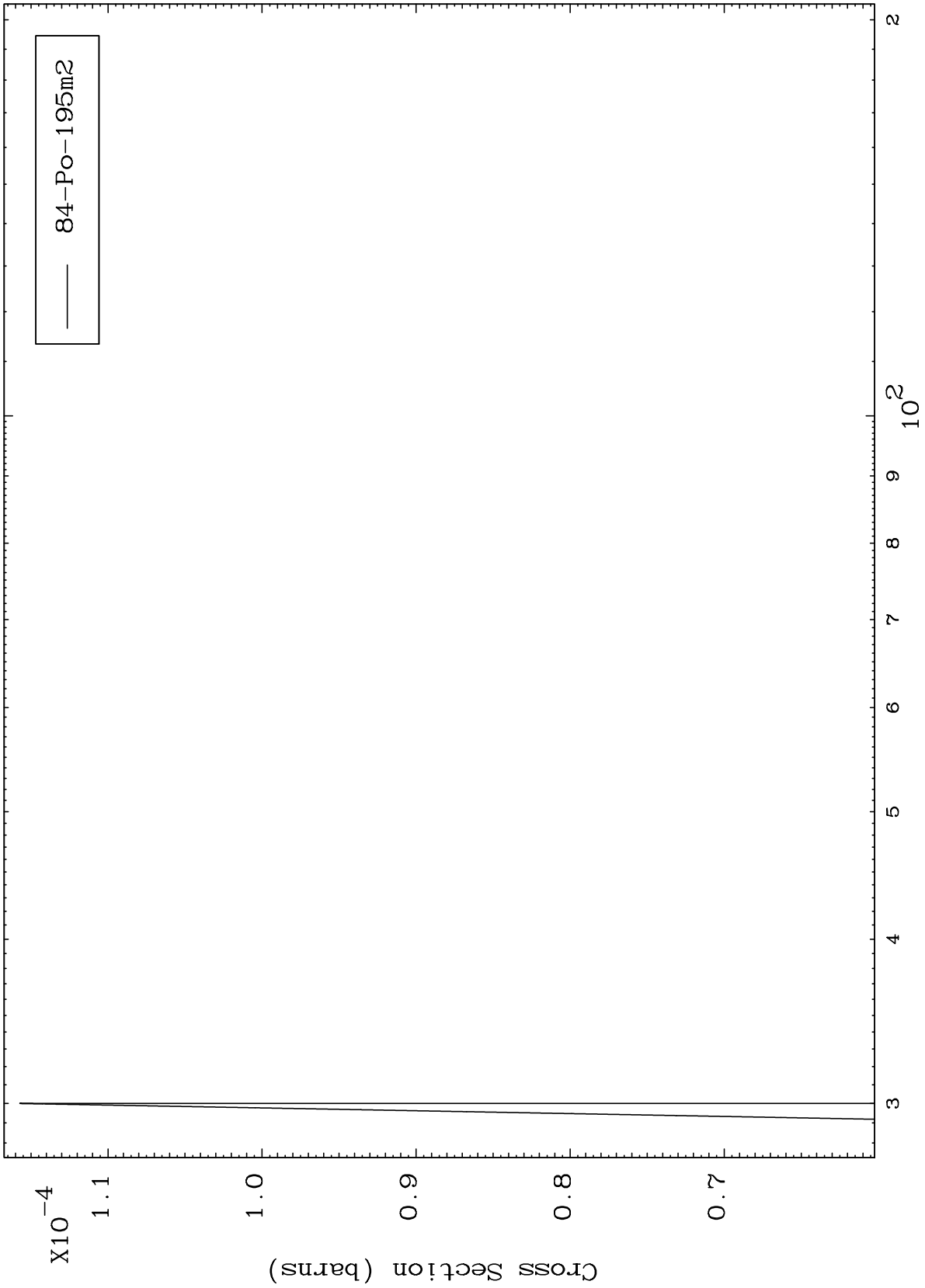
Incident Energy (MeV)

83-Bi-197

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83-Bi-197

(d,4n)
Radionuclide Production Cross Section



21

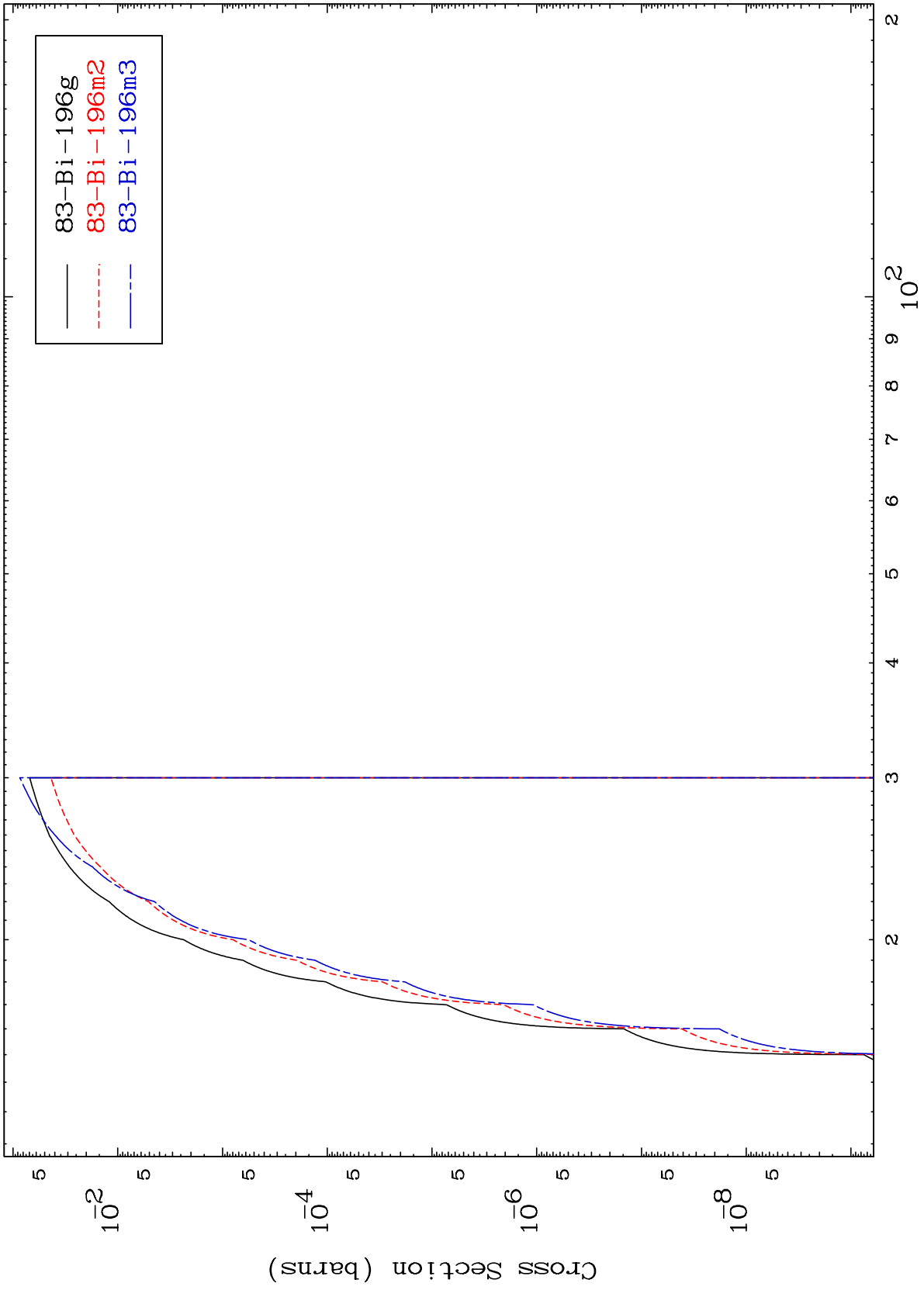
83-Bi-197

MAT 8289

(d,2n) p

83-Bi-197

Radionuclide Production Cross Section



22

Incident Energy (MeV)

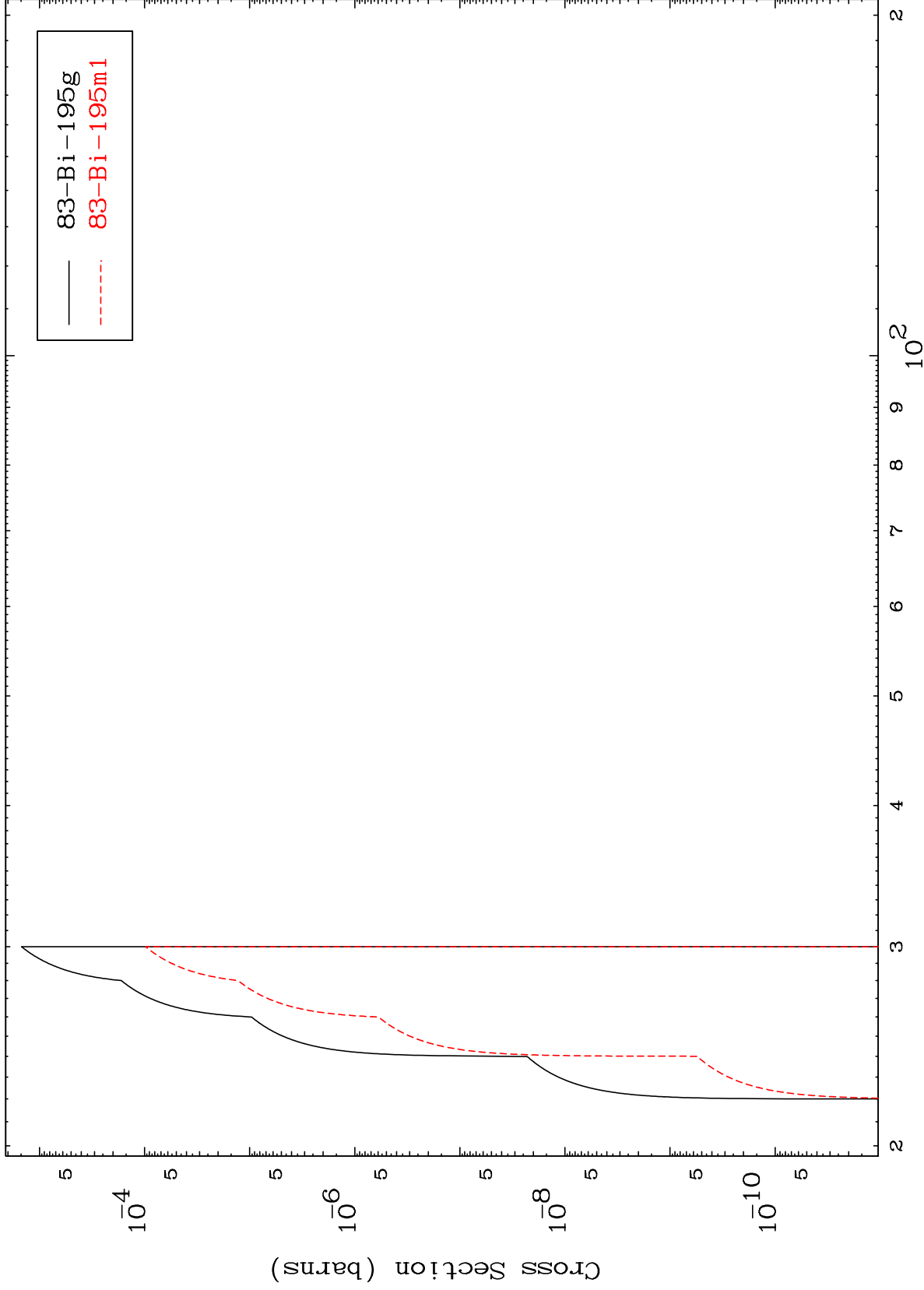
83-Bi-197

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(d,3n) p

⁸³Bi-197

Radionuclide Production Cross Section



23

Incident Energy (MeV)

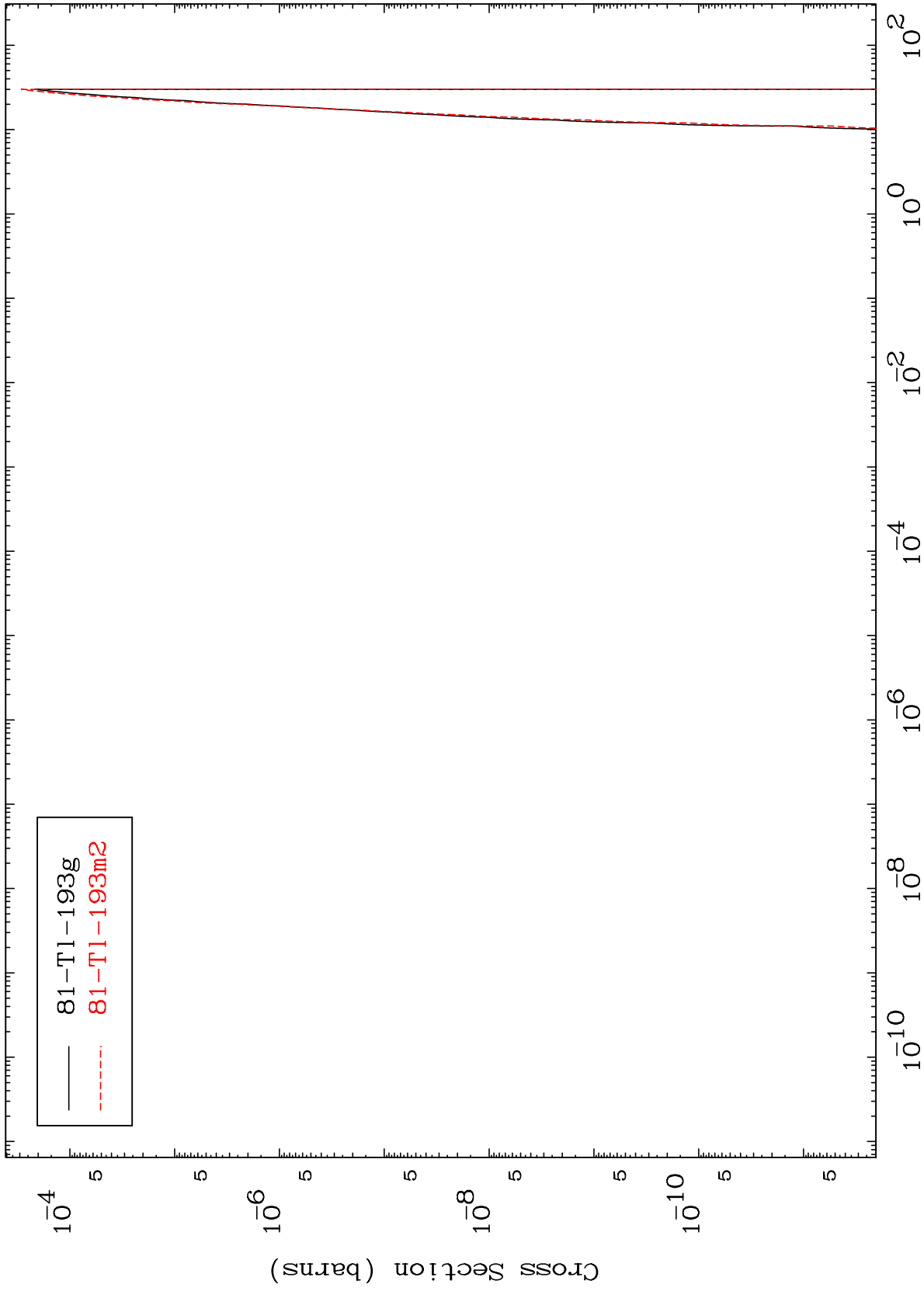
⁸³Bi-197

MAT 8289

(d,n') p α

83-Bi-197

Radionuclide Production Cross Section



24

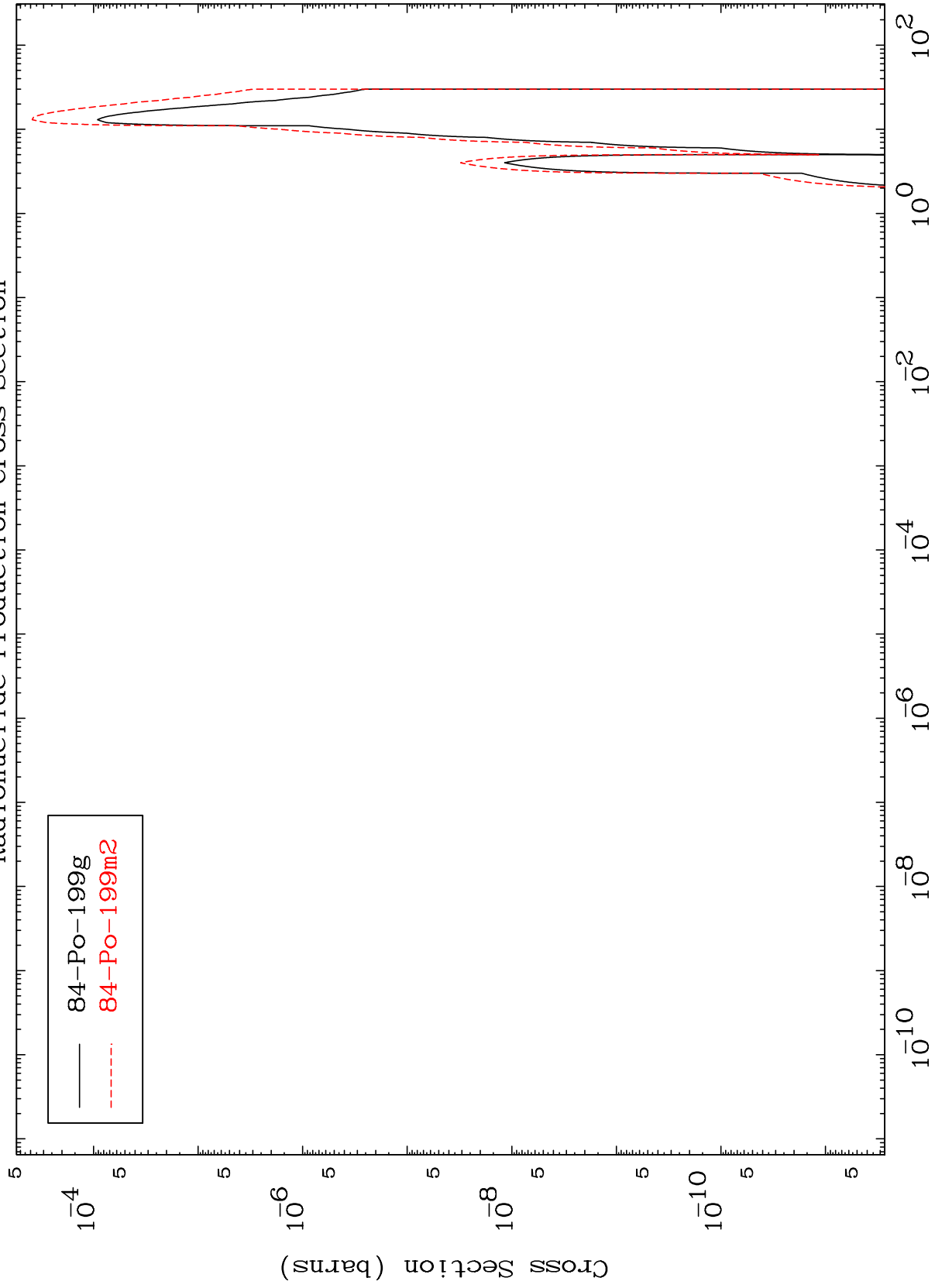
Incident Energy (MeV)

83-Bi-197

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(d,γ)
Radionuclide Production Cross Section

83-Bi-197



25

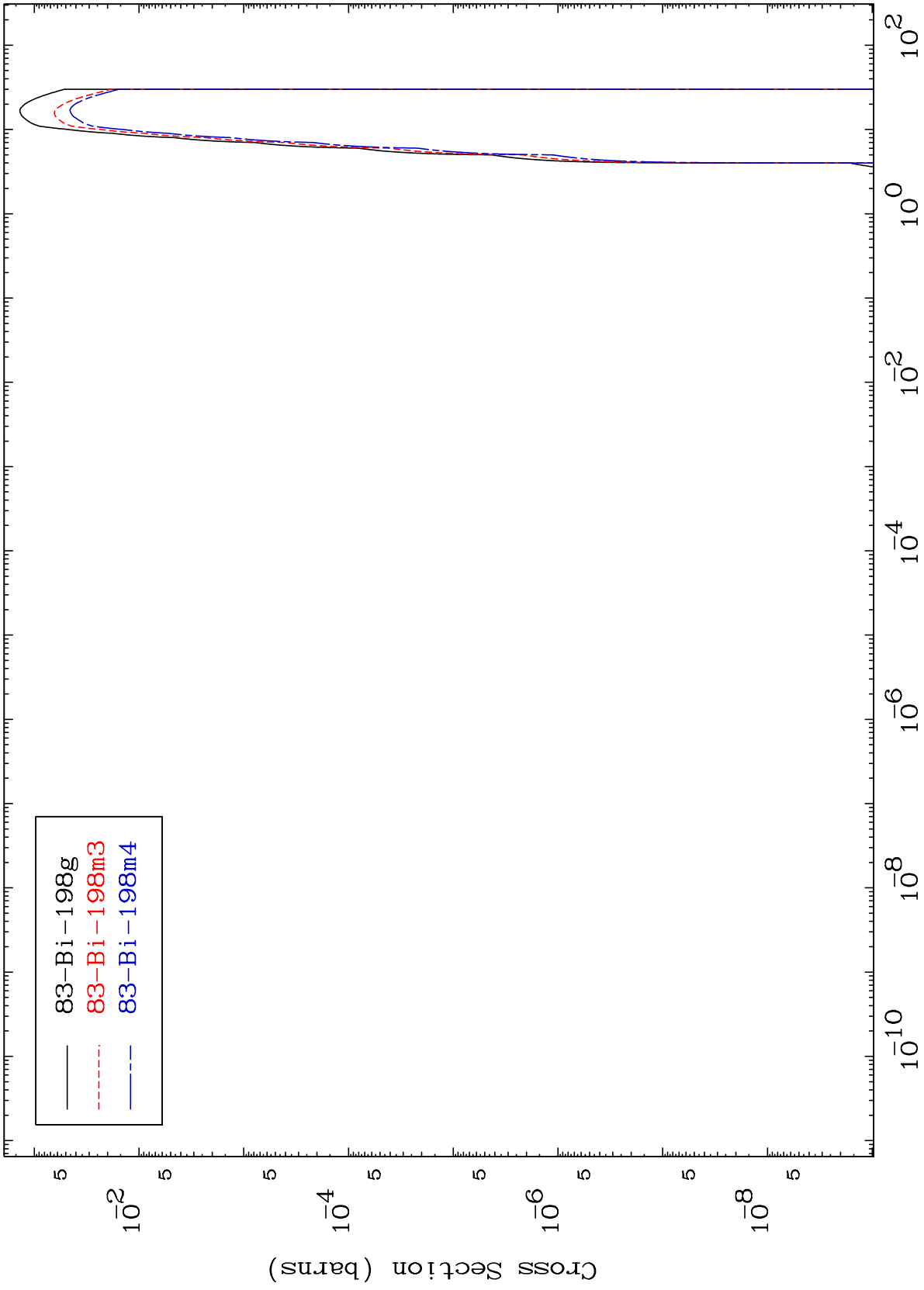
83-Bi-197

83-Bi-197

MAT 8289

(d,p)
Radionuclide Production Cross Section

⁸³Bi-197



26

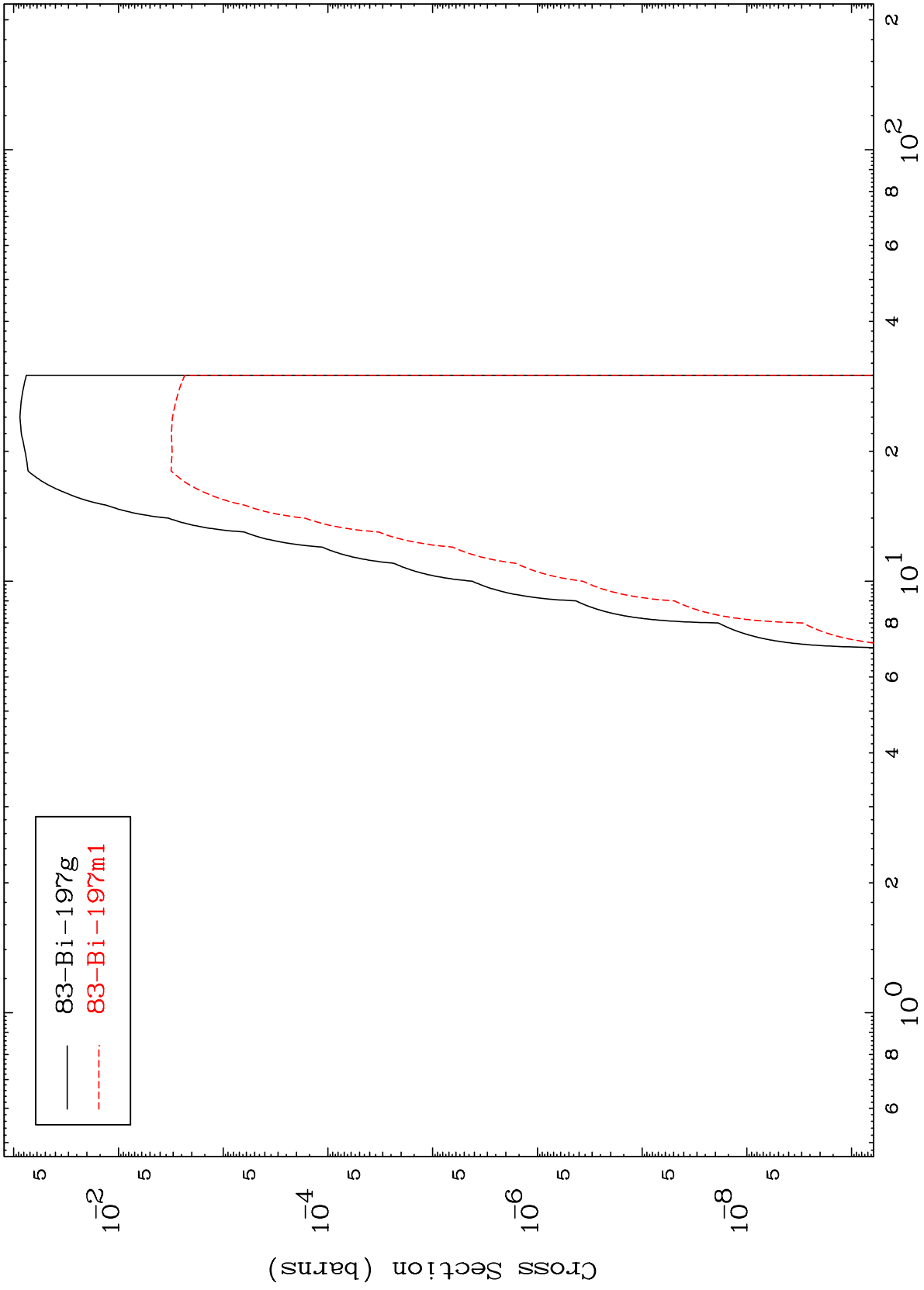
Incident Energy (MeV)

⁸³Bi-197

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(d,d)
Radionuclide Production Cross Section

83-Bi-197



27

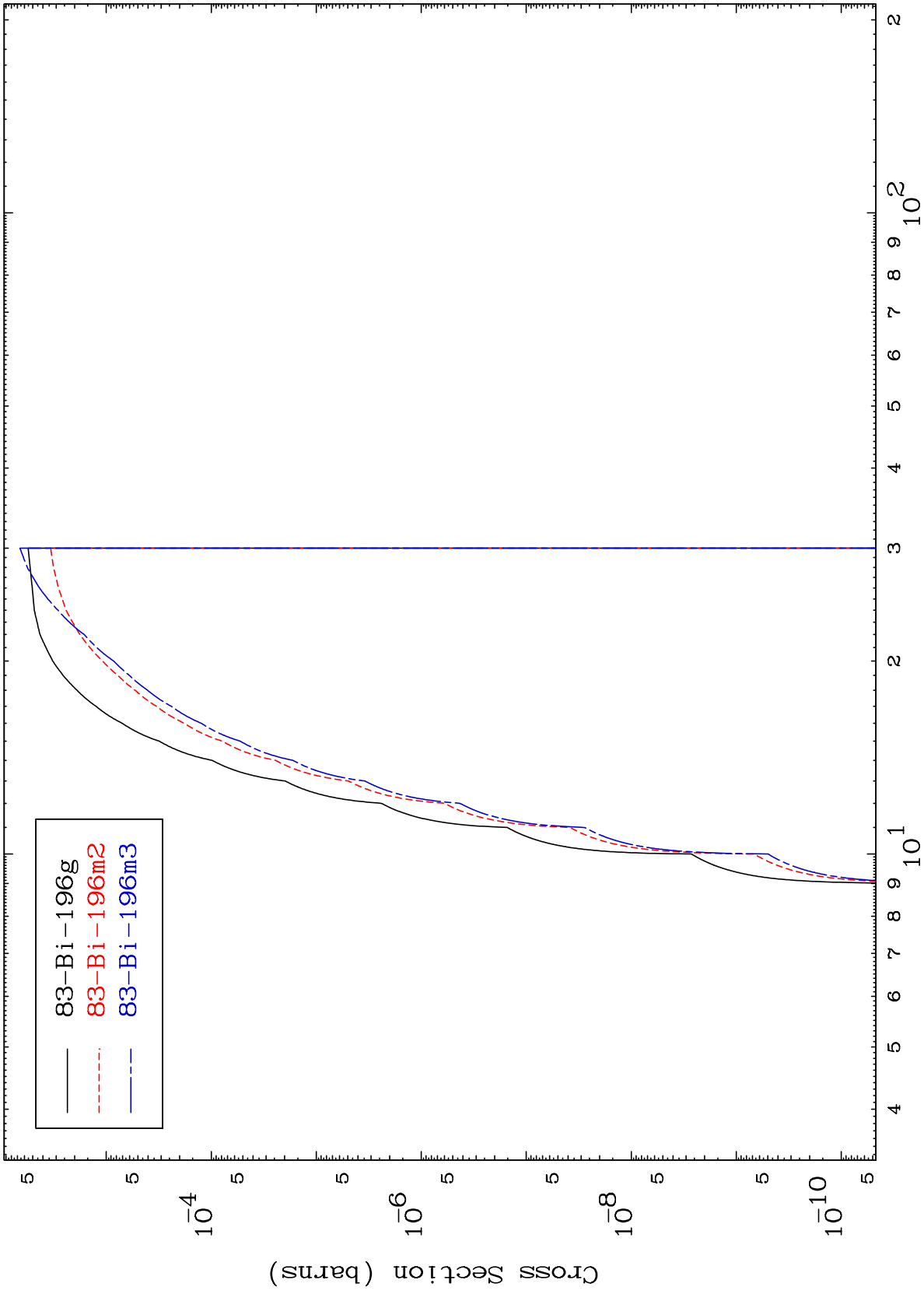
Incident Energy (MeV)

83-Bi-197

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83-Bi-197

Radionuclide Production Cross Section
(d, t)



28

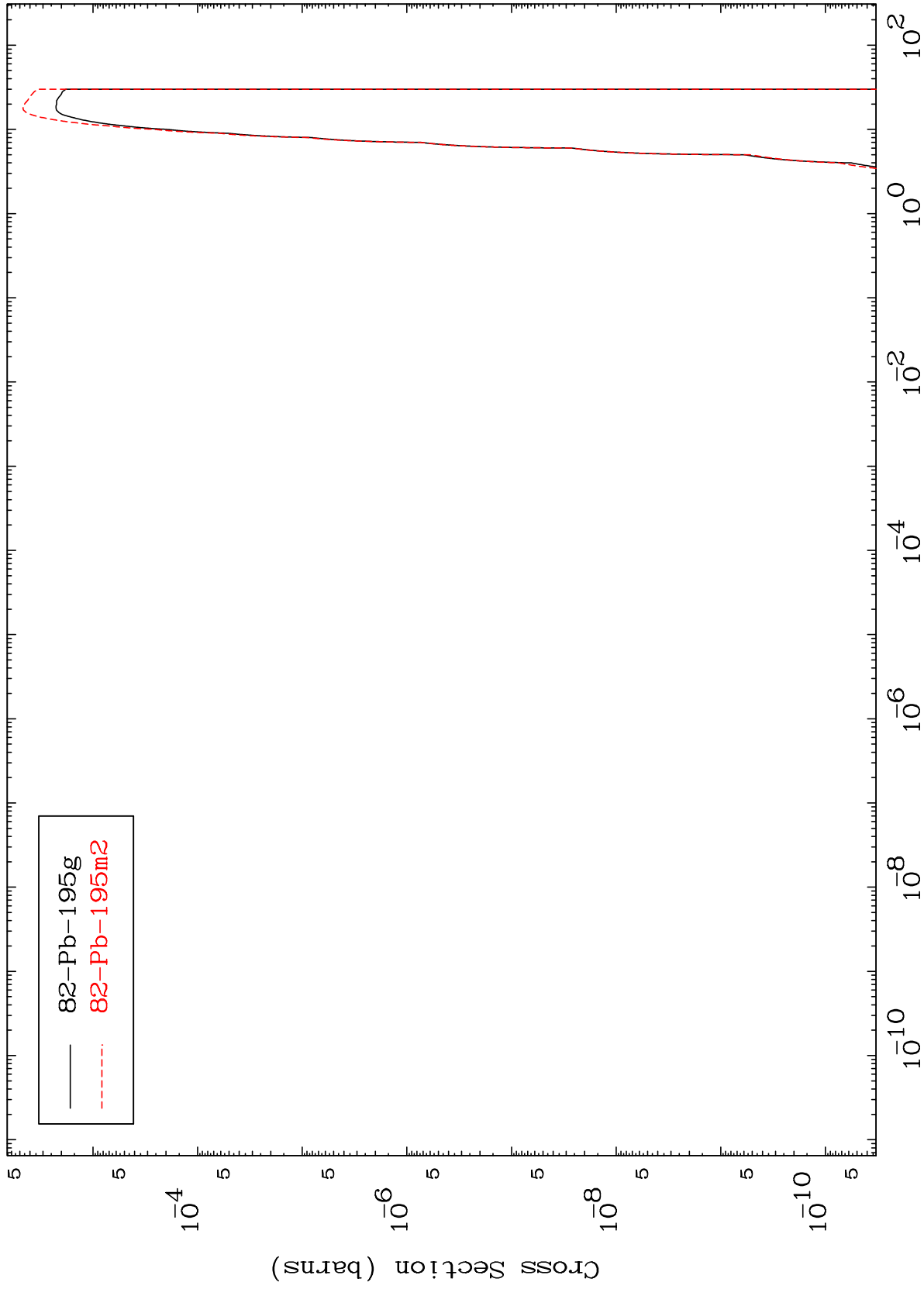
83-Bi-197

MAT 8289

(d, α)

83-Bi-197

Radionuclide Production Cross Section



29

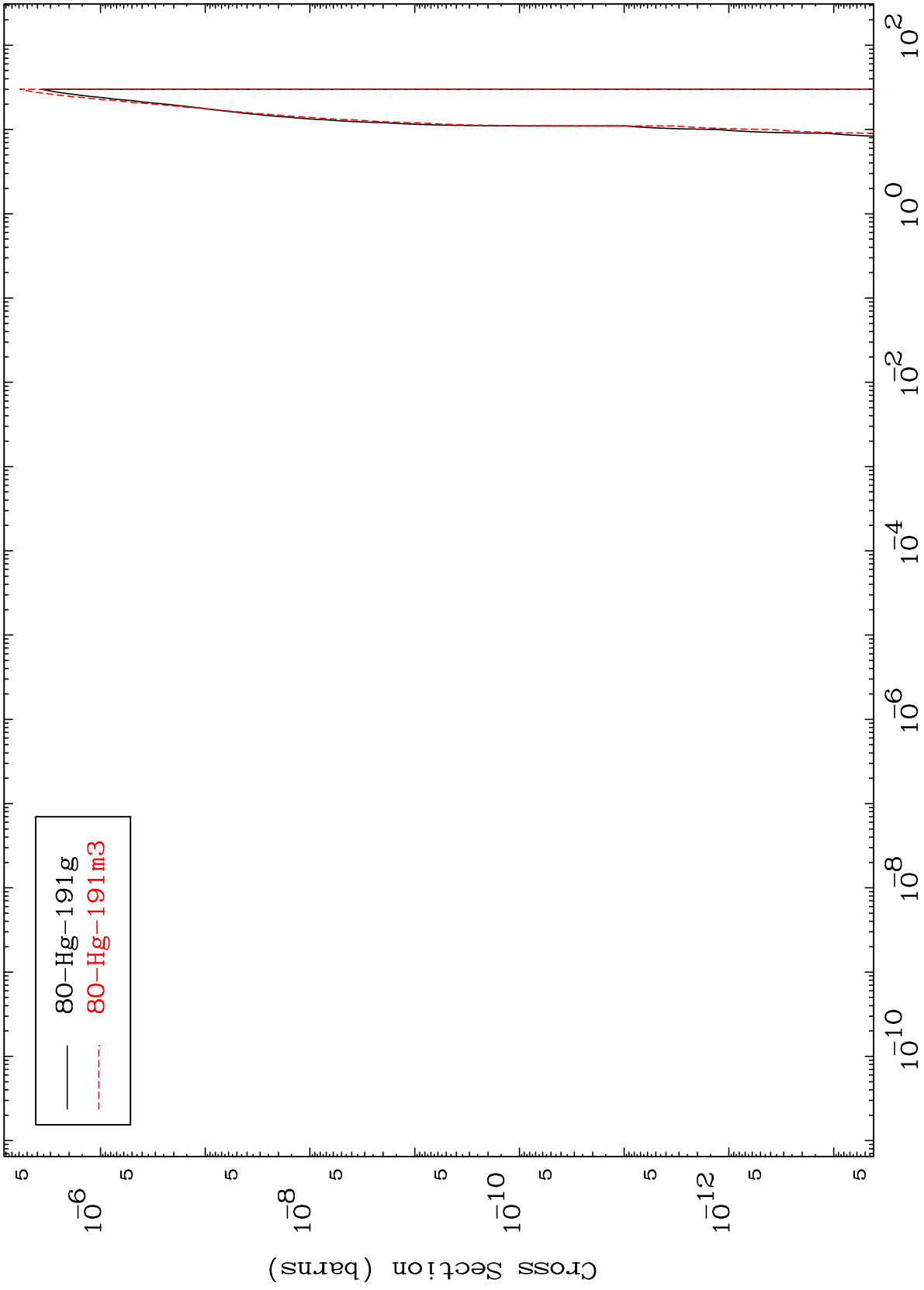
Incident Energy (MeV)

83-Bi-197

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83-Bi-197

(d,2α)
Radionuclide Production Cross Section



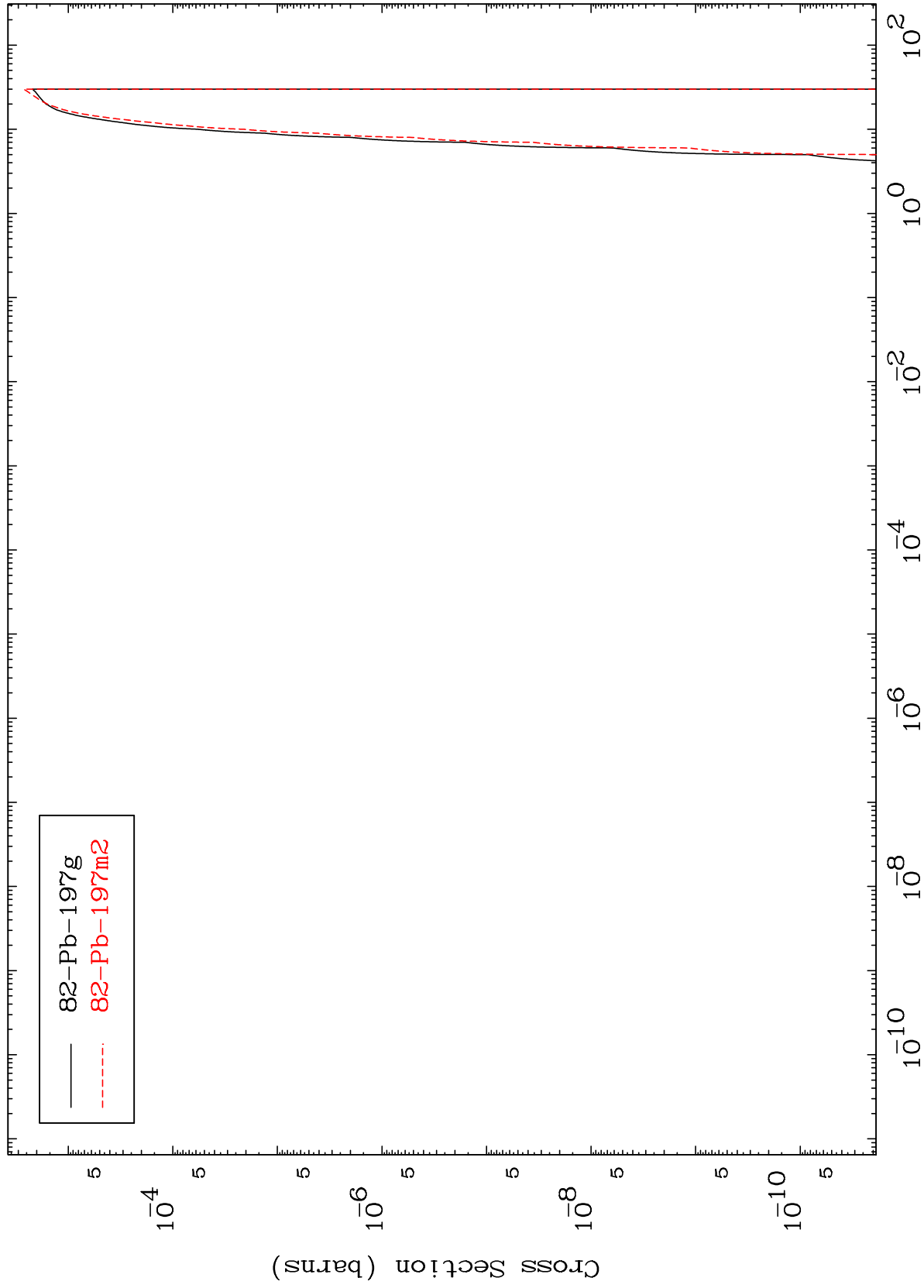
30

83-Bi-197

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83-Bi-197

(d,2p)
Radionuclide Production Cross Section

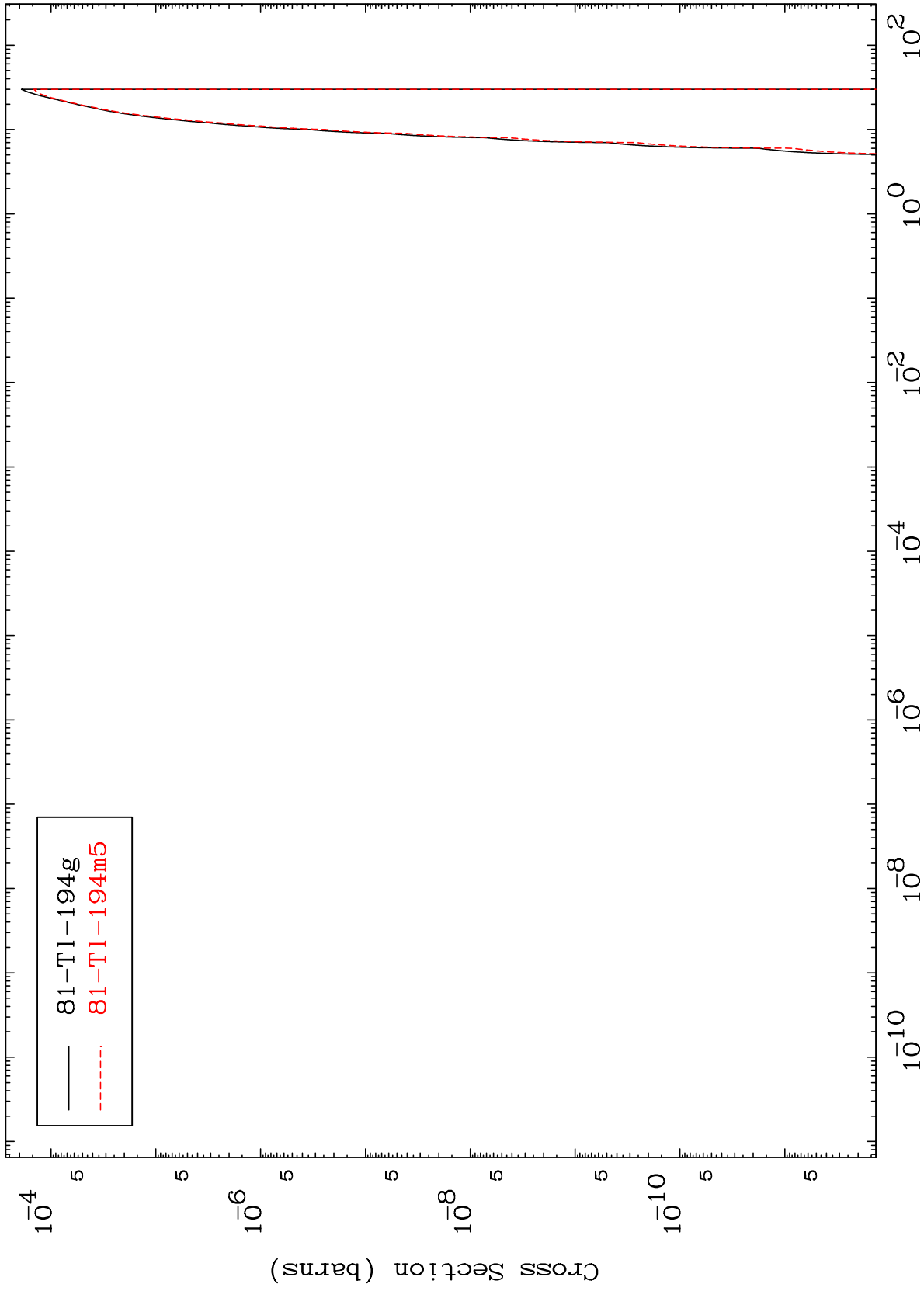


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(d,p) α

83-Bi-197

Radionuclide Production Cross Section



32

Incident Energy (MeV)

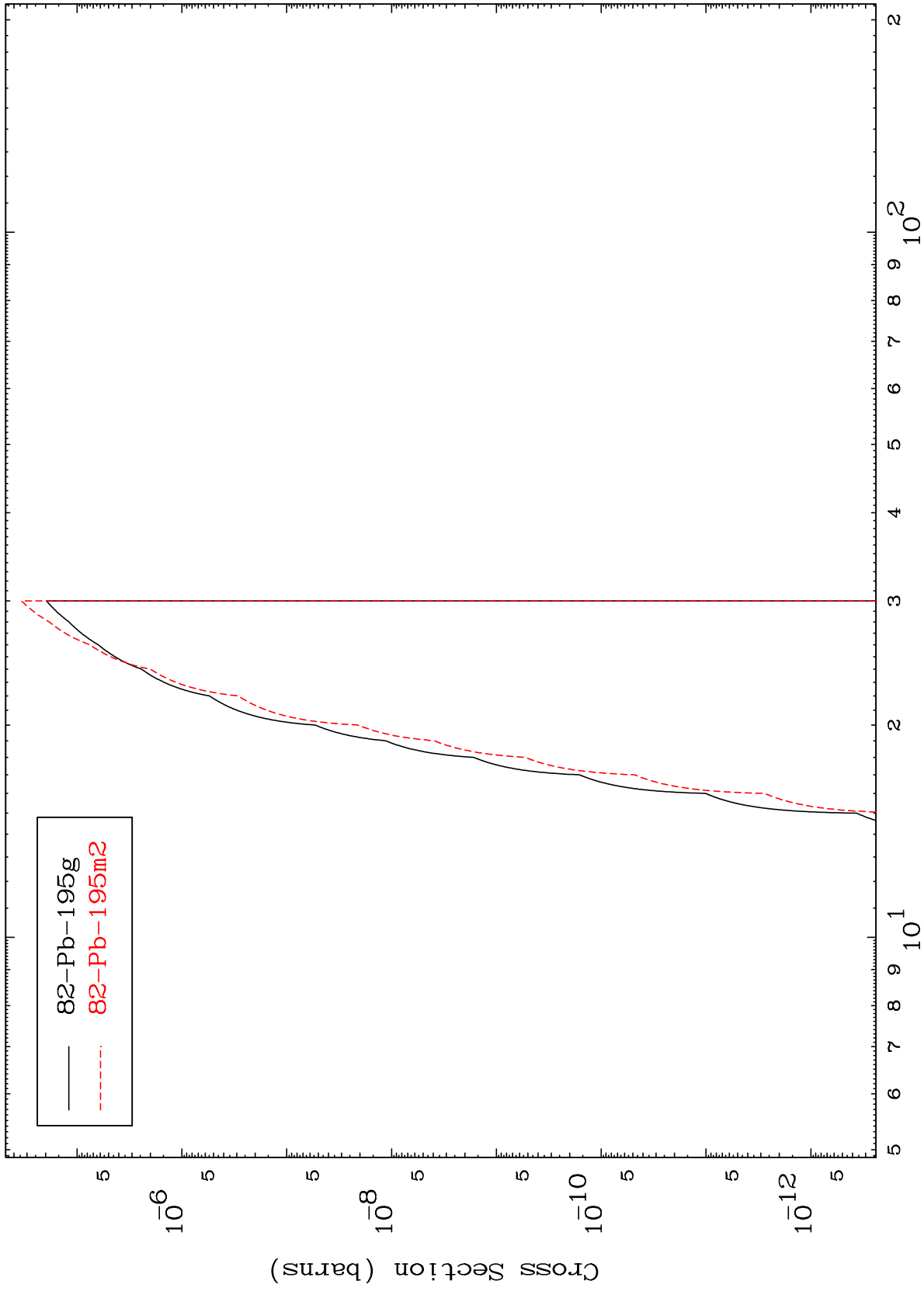
83-Bi-197

MAT 8289

(d,p) t

83-Bi-197

Radionuclide Production Cross Section



33

Incident Energy (MeV)

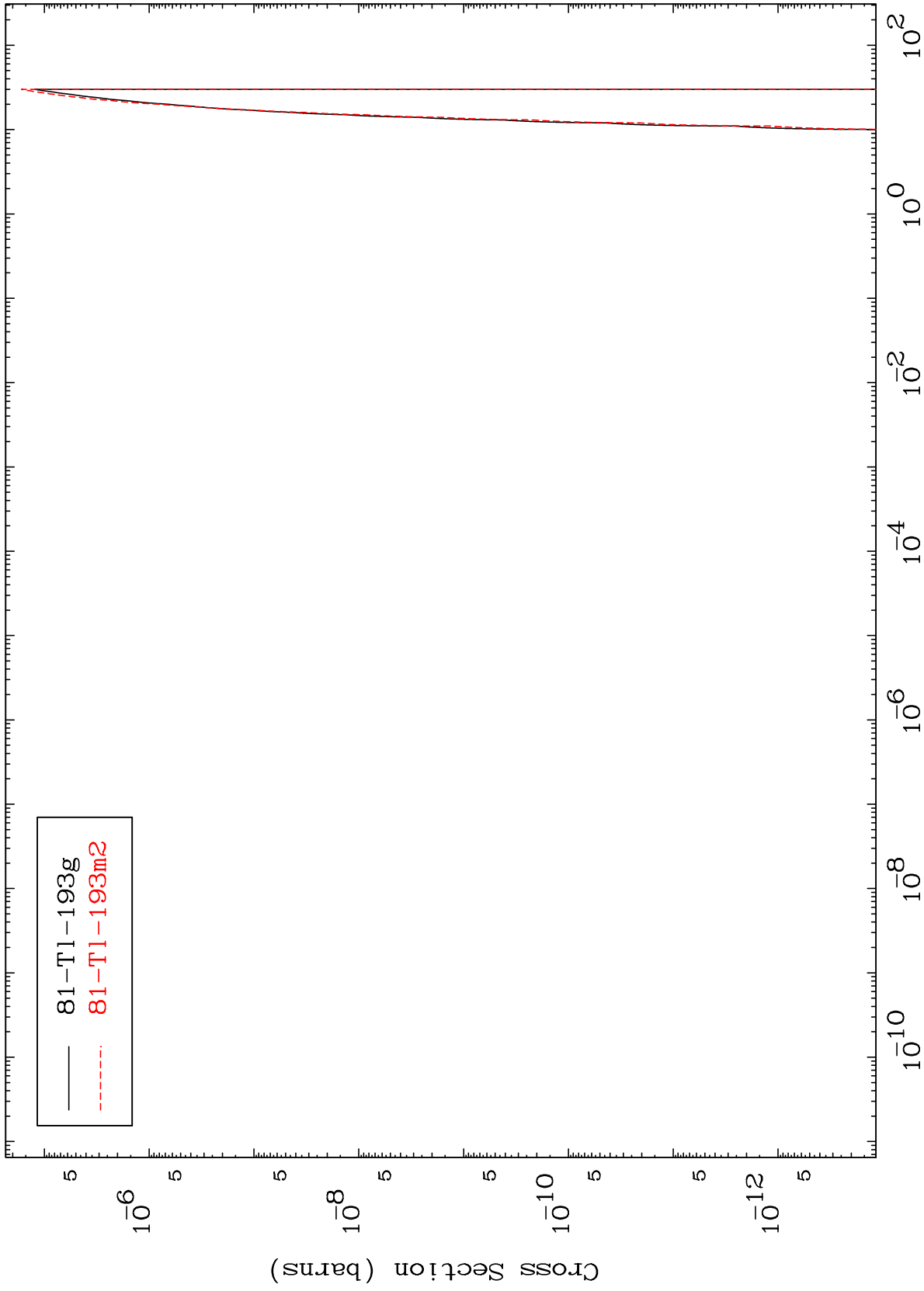
83-Bi-197

MAT 8289

(d,d) α

83-Bi-197

Radionuclide Production Cross Section



34

Incident Energy (MeV)

83-Bi-197