

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

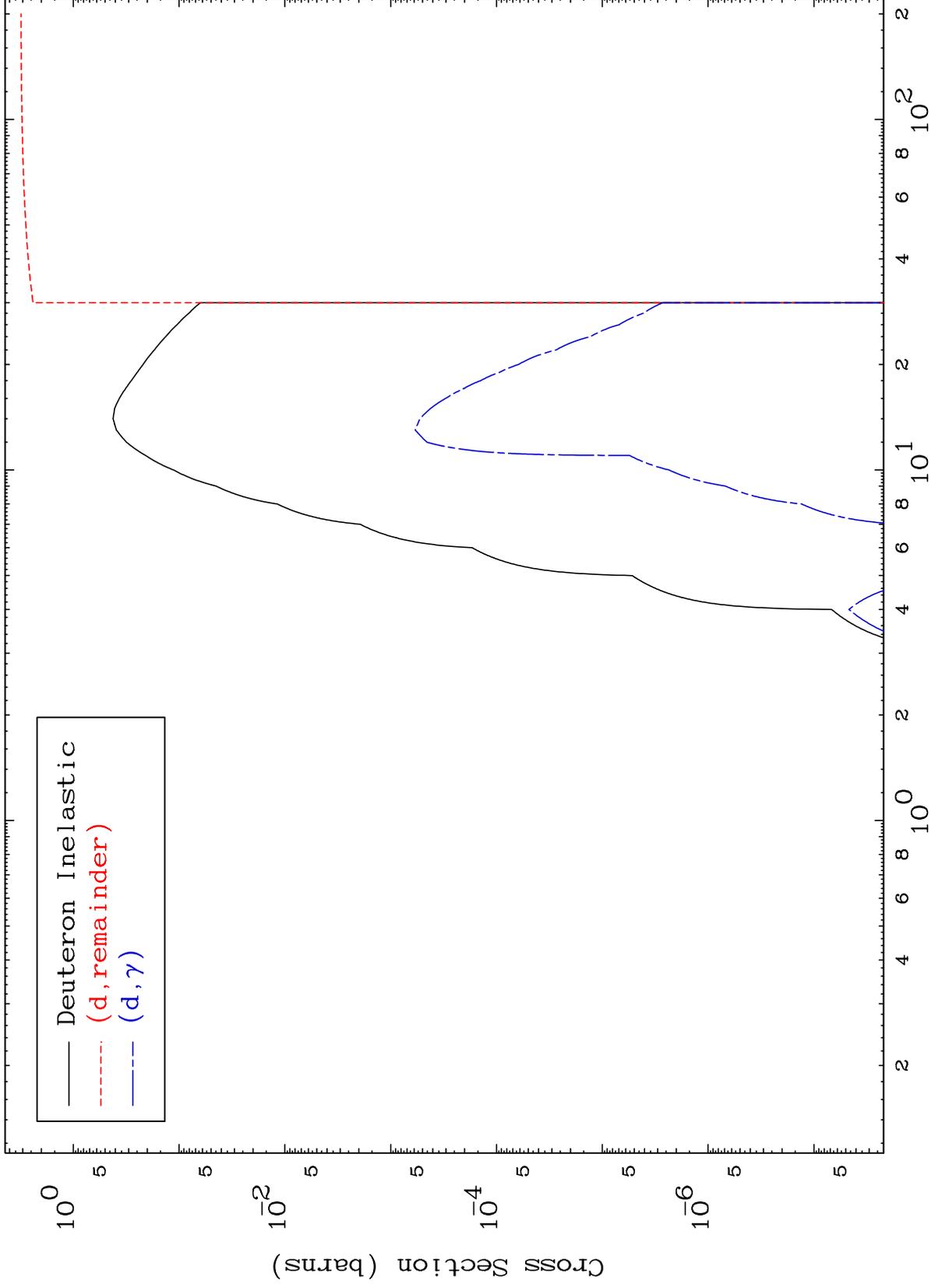
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Livermore, CA 94550
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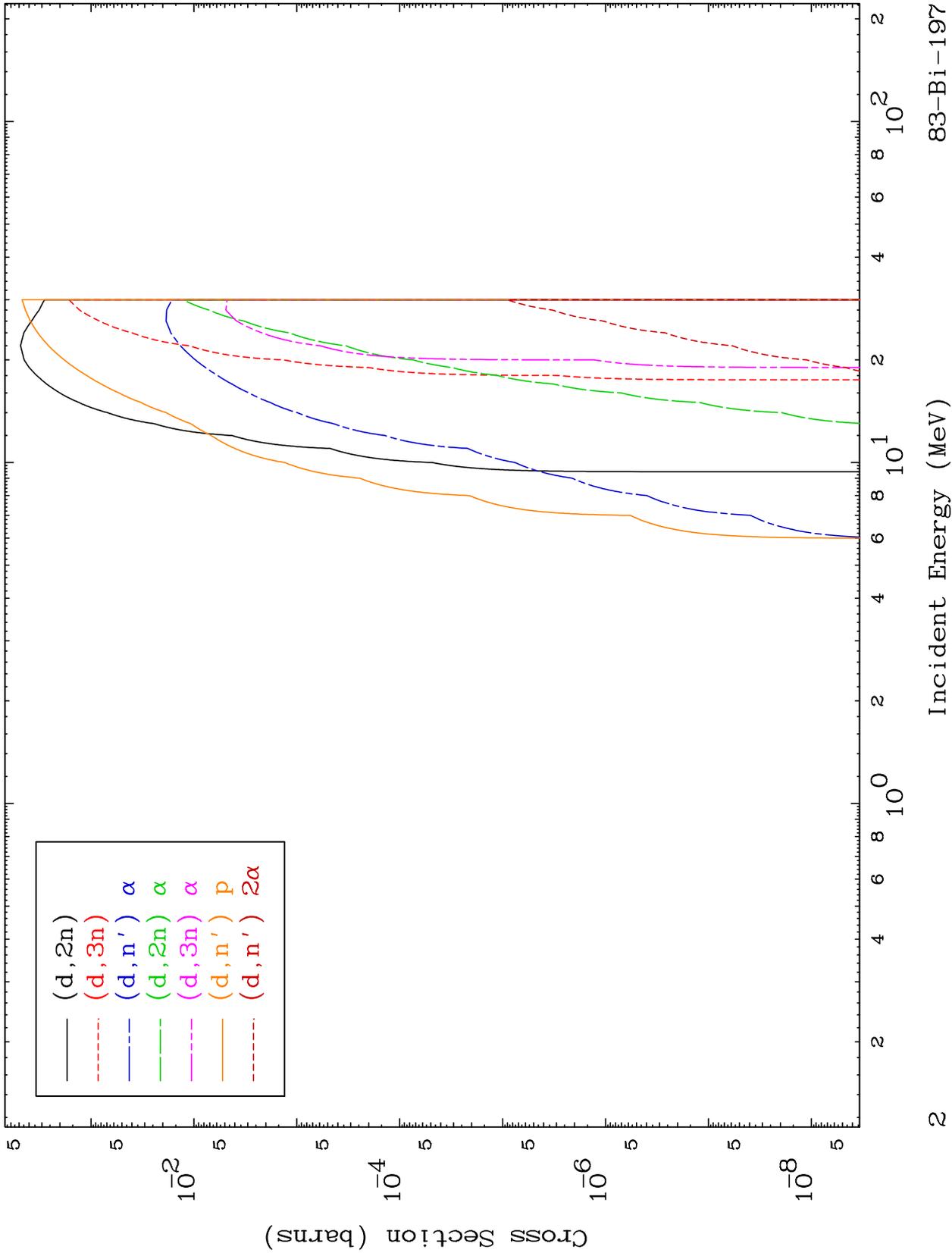
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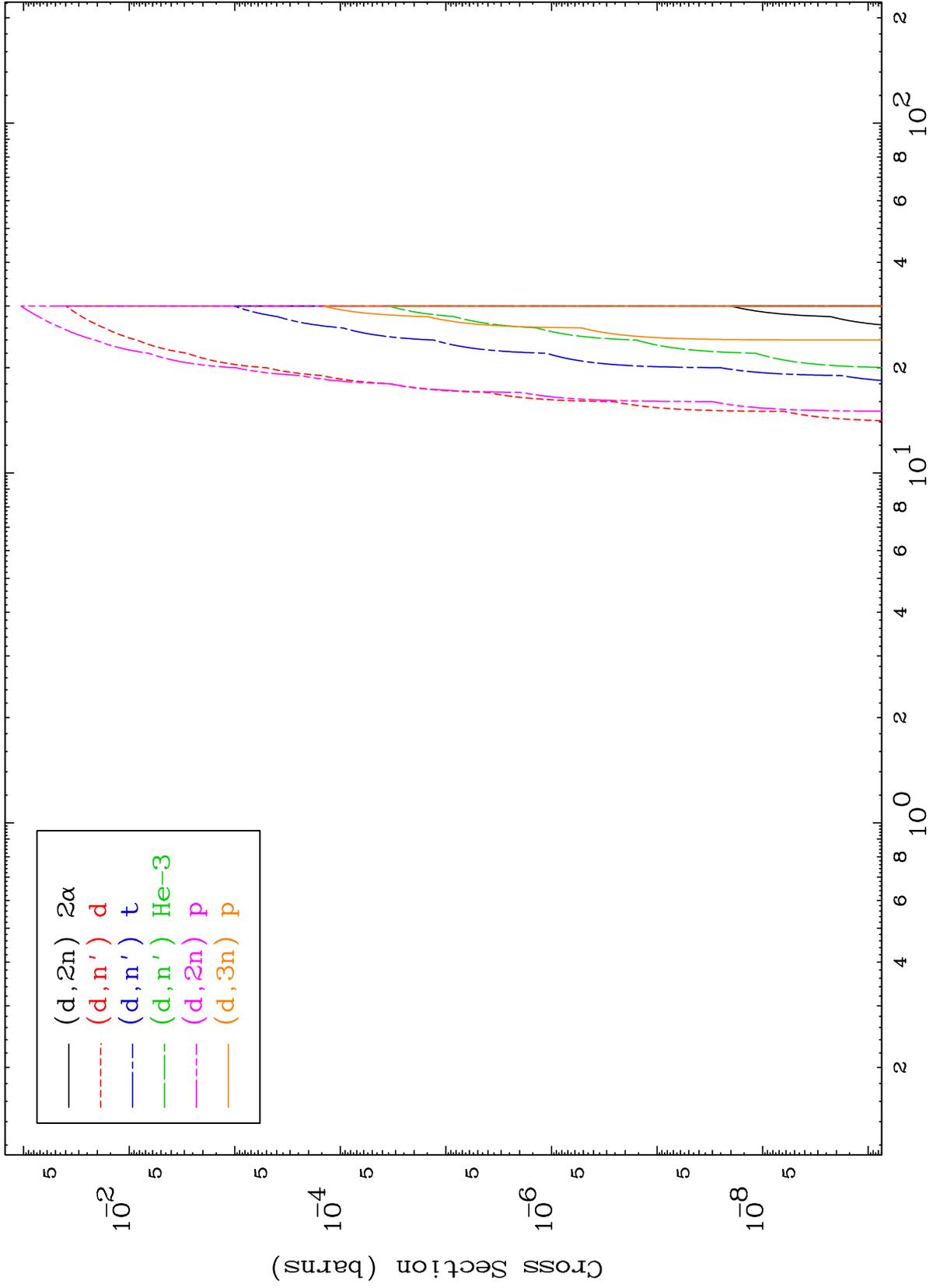
E.Mail: redcullen1@comcast.net

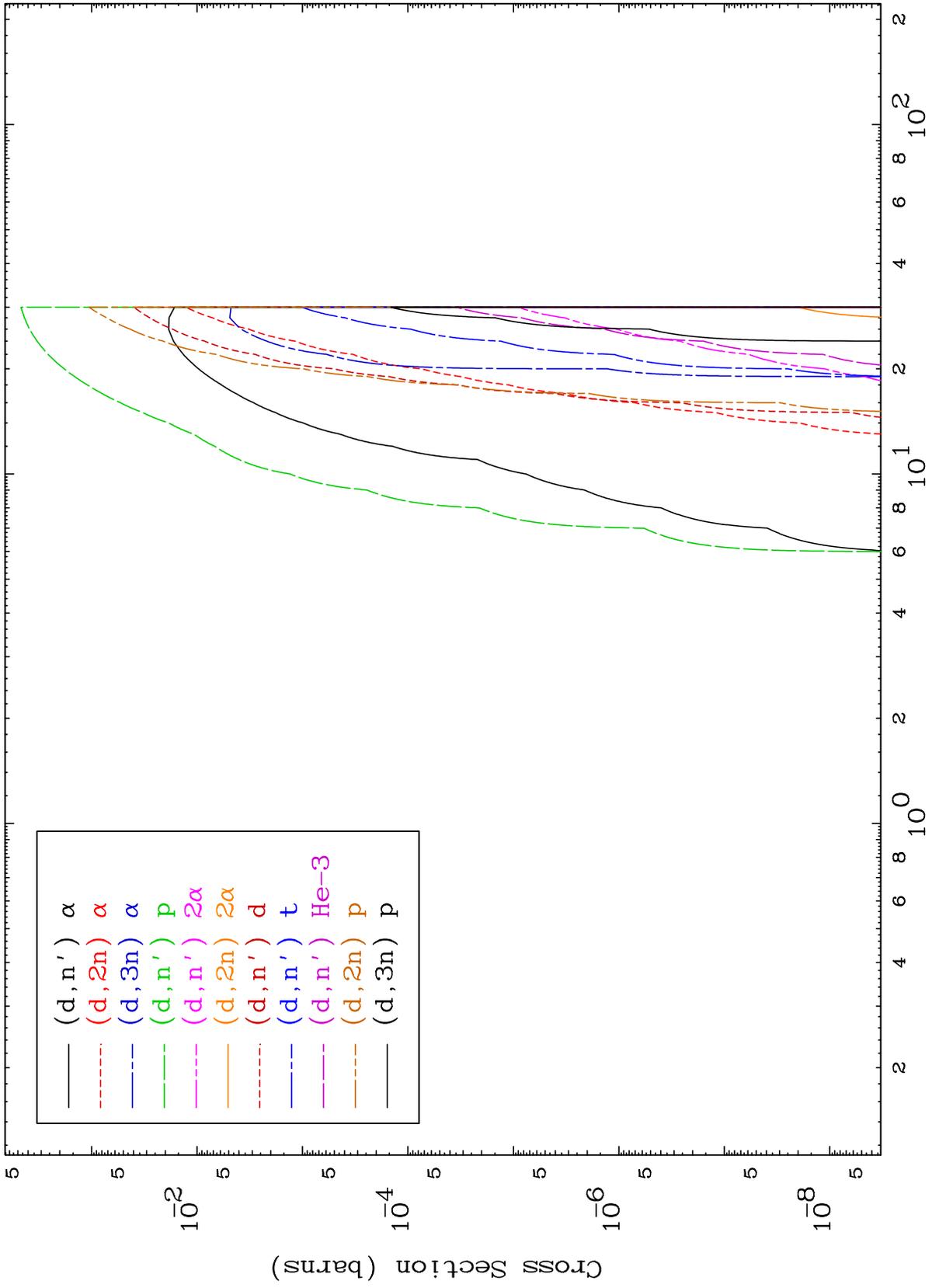
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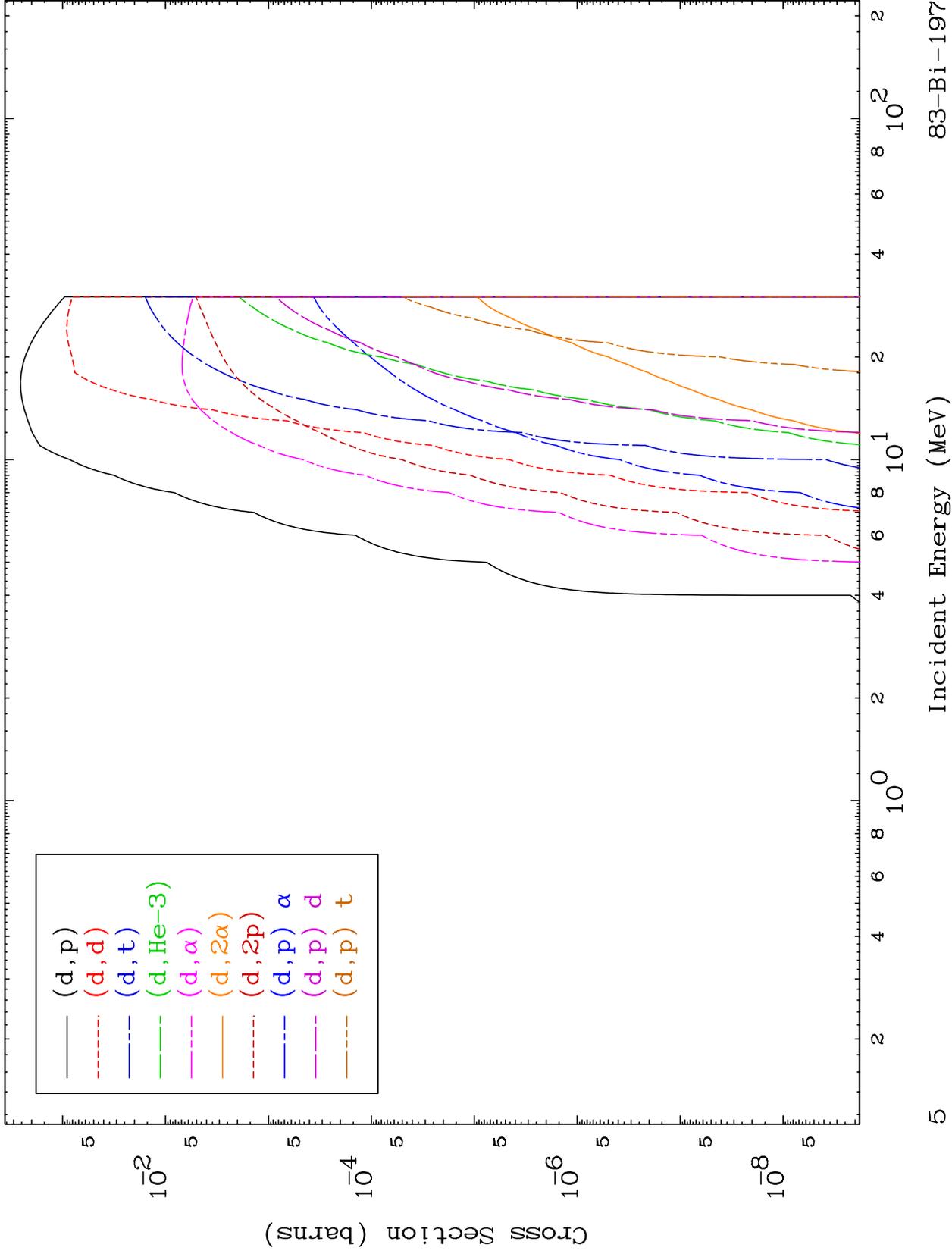
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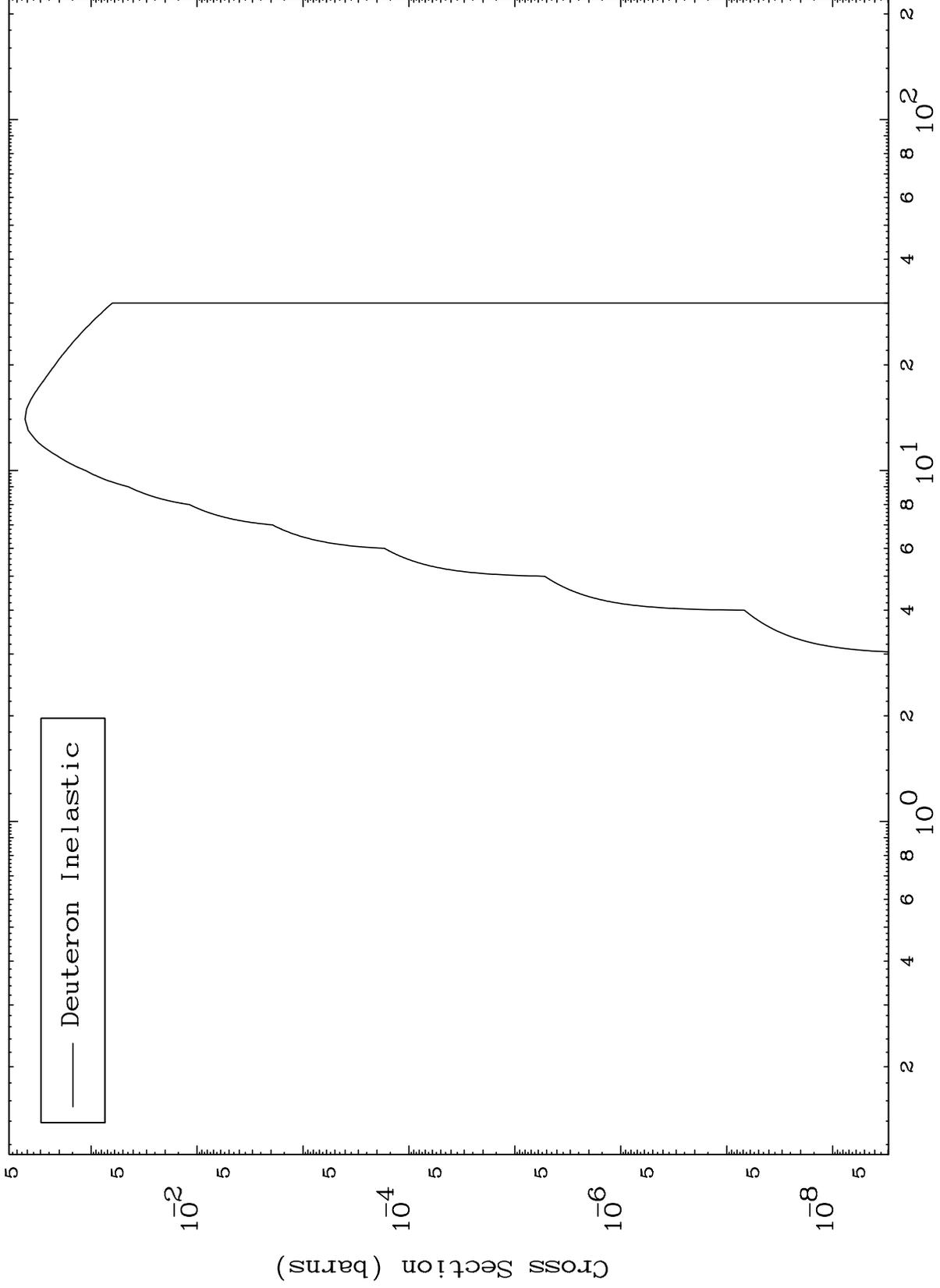


MAT 8289

(d,n') Level

83-Bi-197

0 Kelvin Cross Sections



6

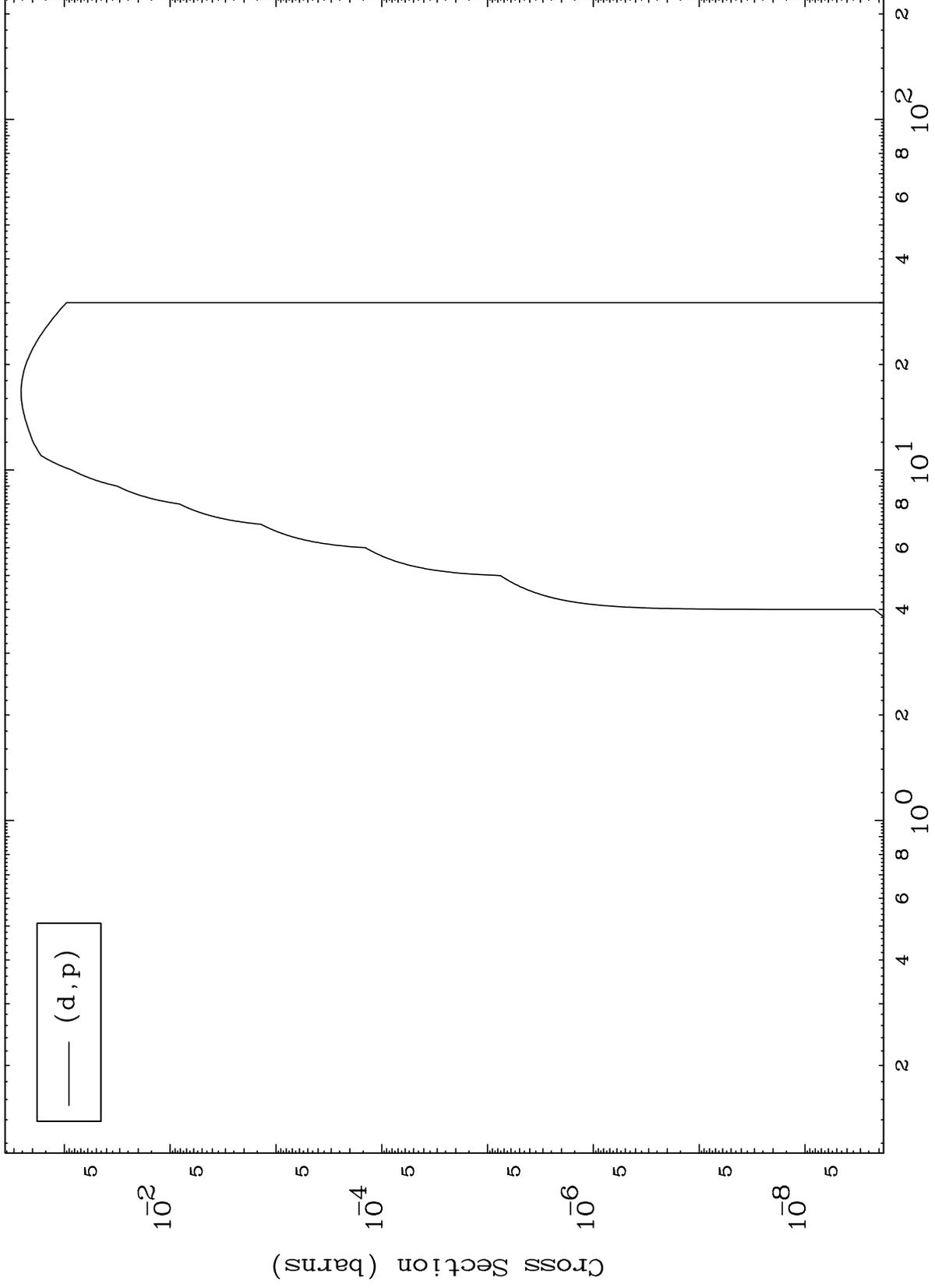
Incident Energy (MeV)

83-Bi-197

MAT 8289

(d,p) Levels
0 Kelvin Cross Sections

83-Bi-197



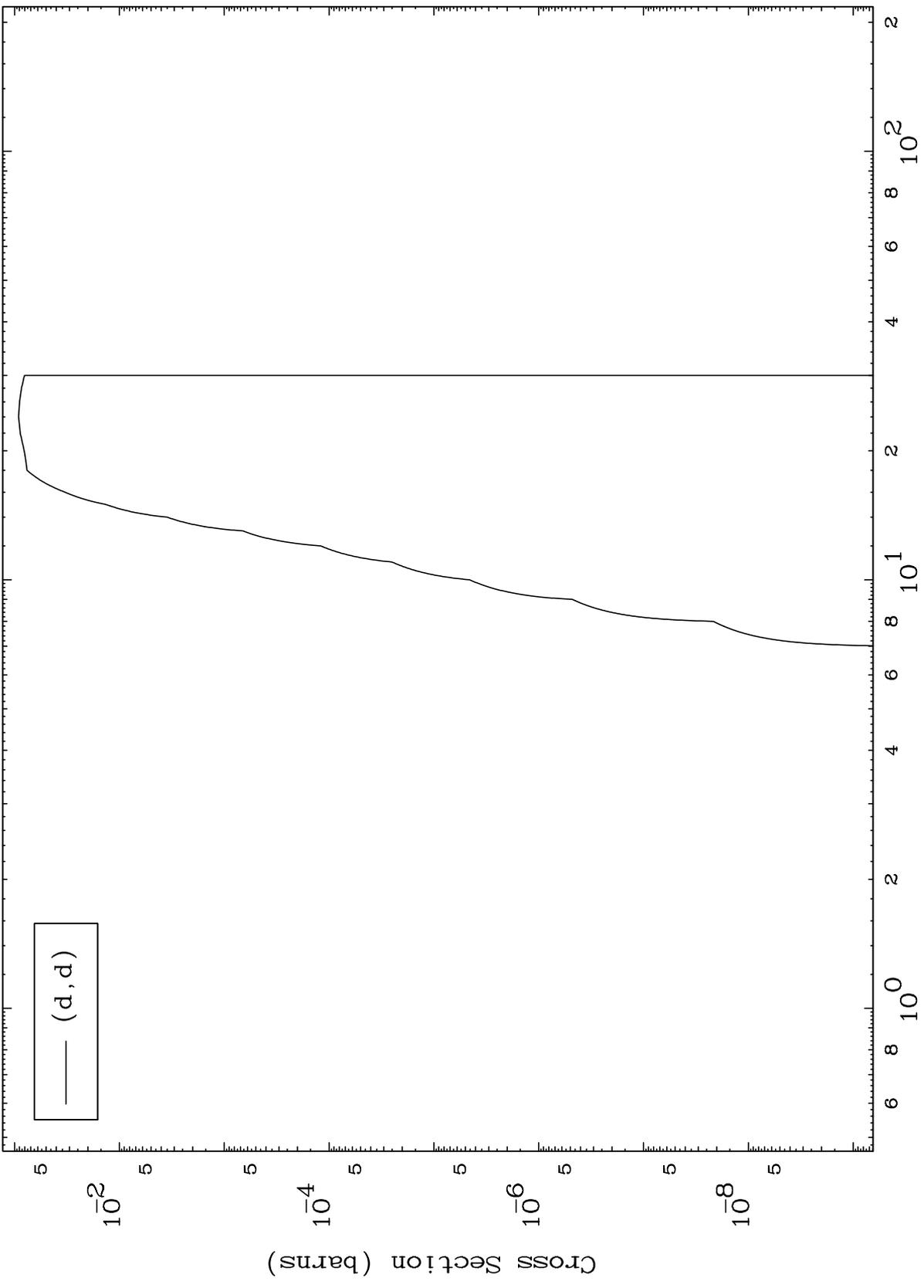
(d,p)

MAT 8289

(d,d) Levels

83-Bi-197

0 Kelvin Cross Sections



8

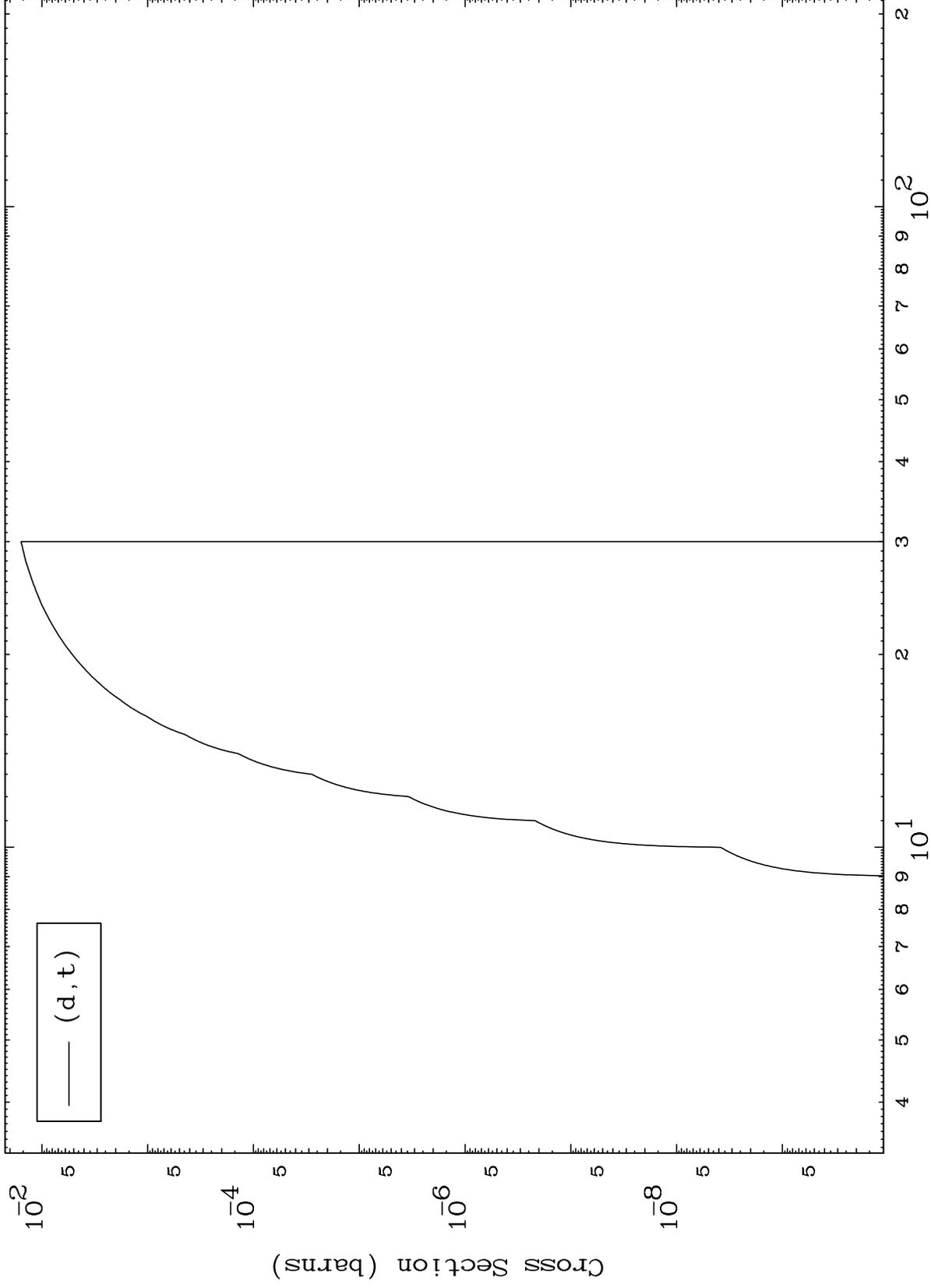
Incident Energy (MeV)

83-Bi-197

MAT 8289

(d,t) Levels
0 Kelvin Cross Sections

83-Bi-197



9

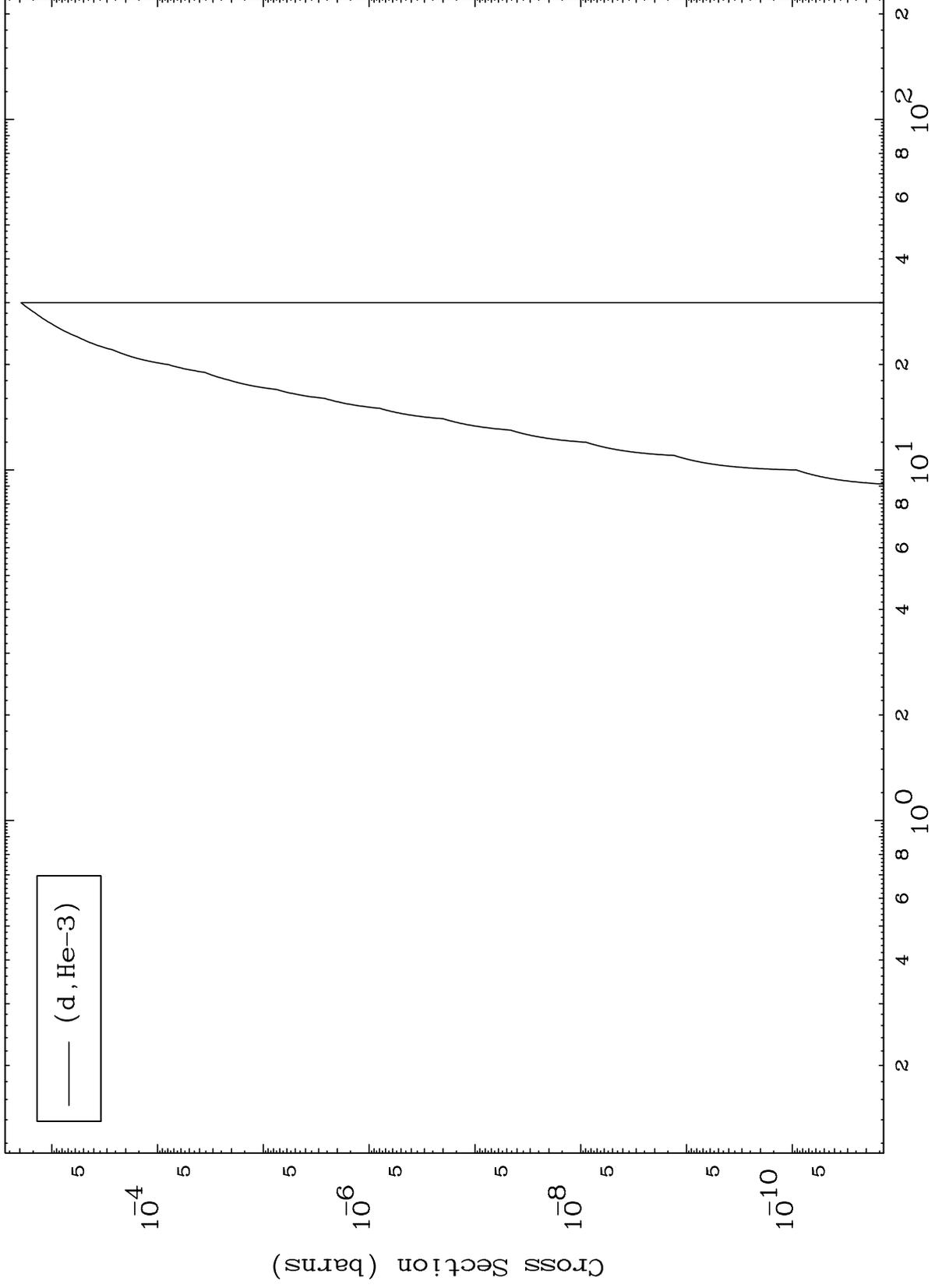
Incident Energy (MeV)

83-Bi-197

MAT 8289

(d,He3) Levels
0 Kelvin Cross Sections

83-Bi-197



10

Incident Energy (MeV)

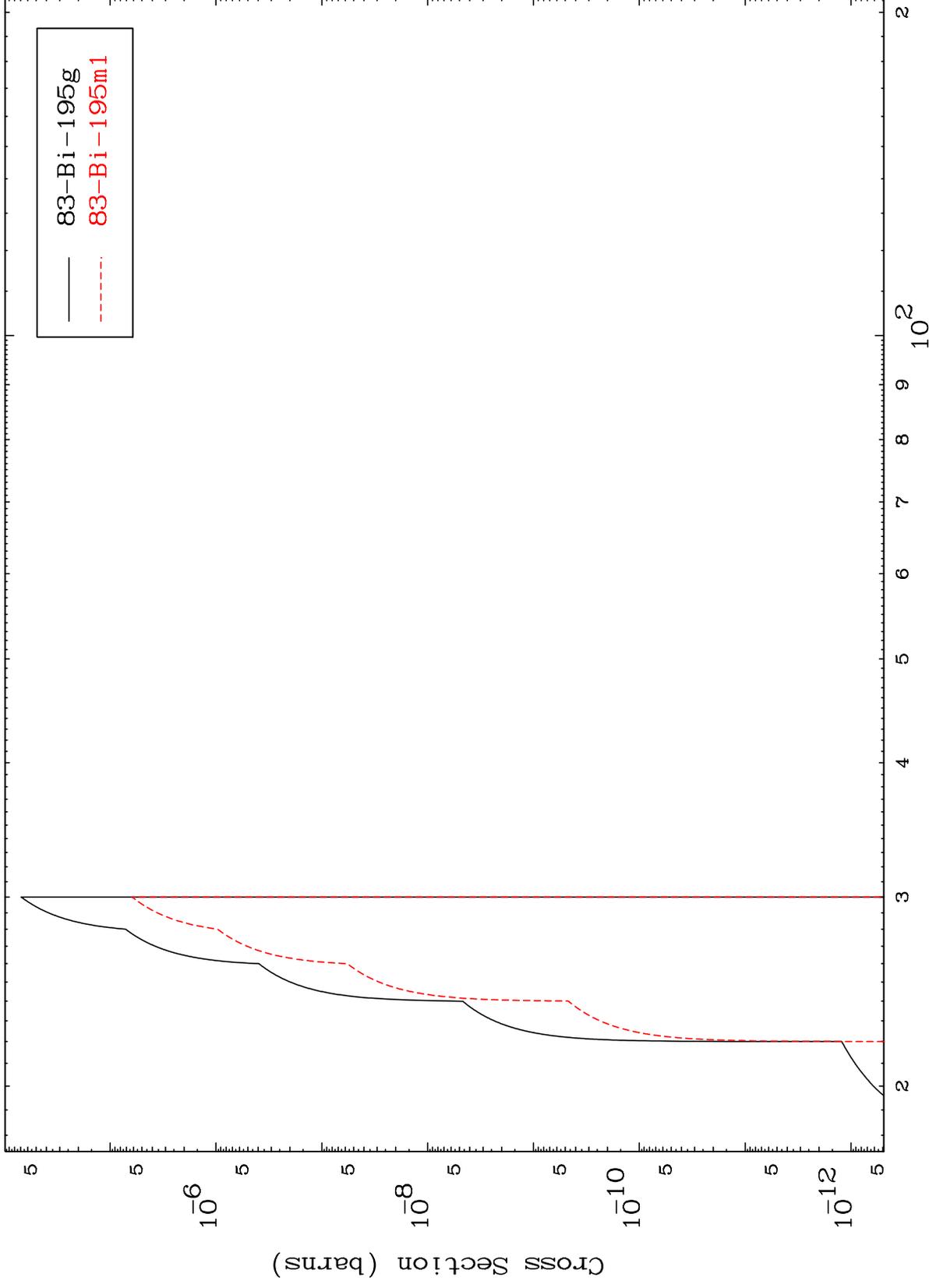
83-Bi-197

MAT 8289

(d,2n) d

83-Bi-197

Radionuclide Production Cross Section



12

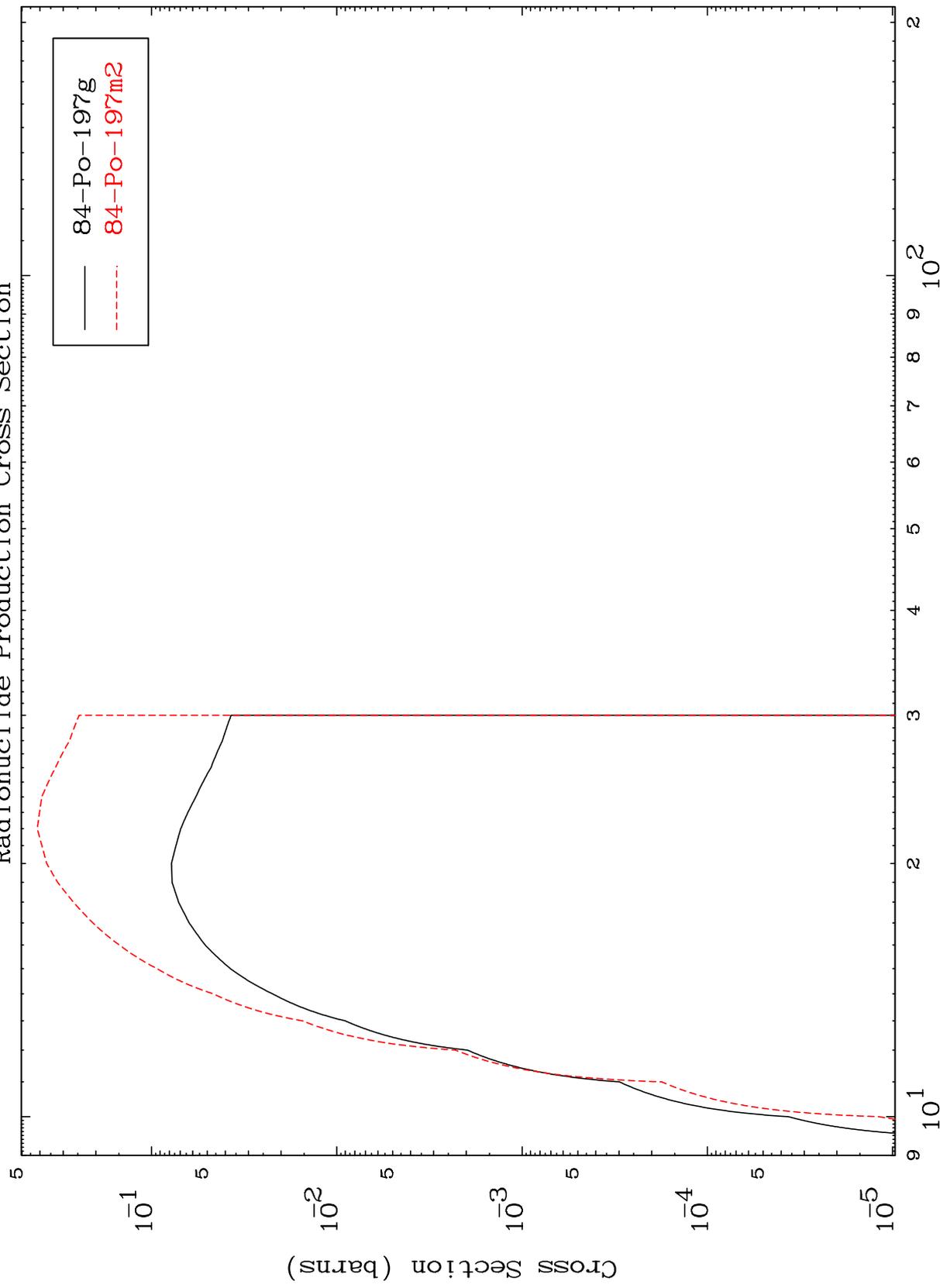
Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

(d,2n)
Radionuclide Production Cross Section



83-Bi-197

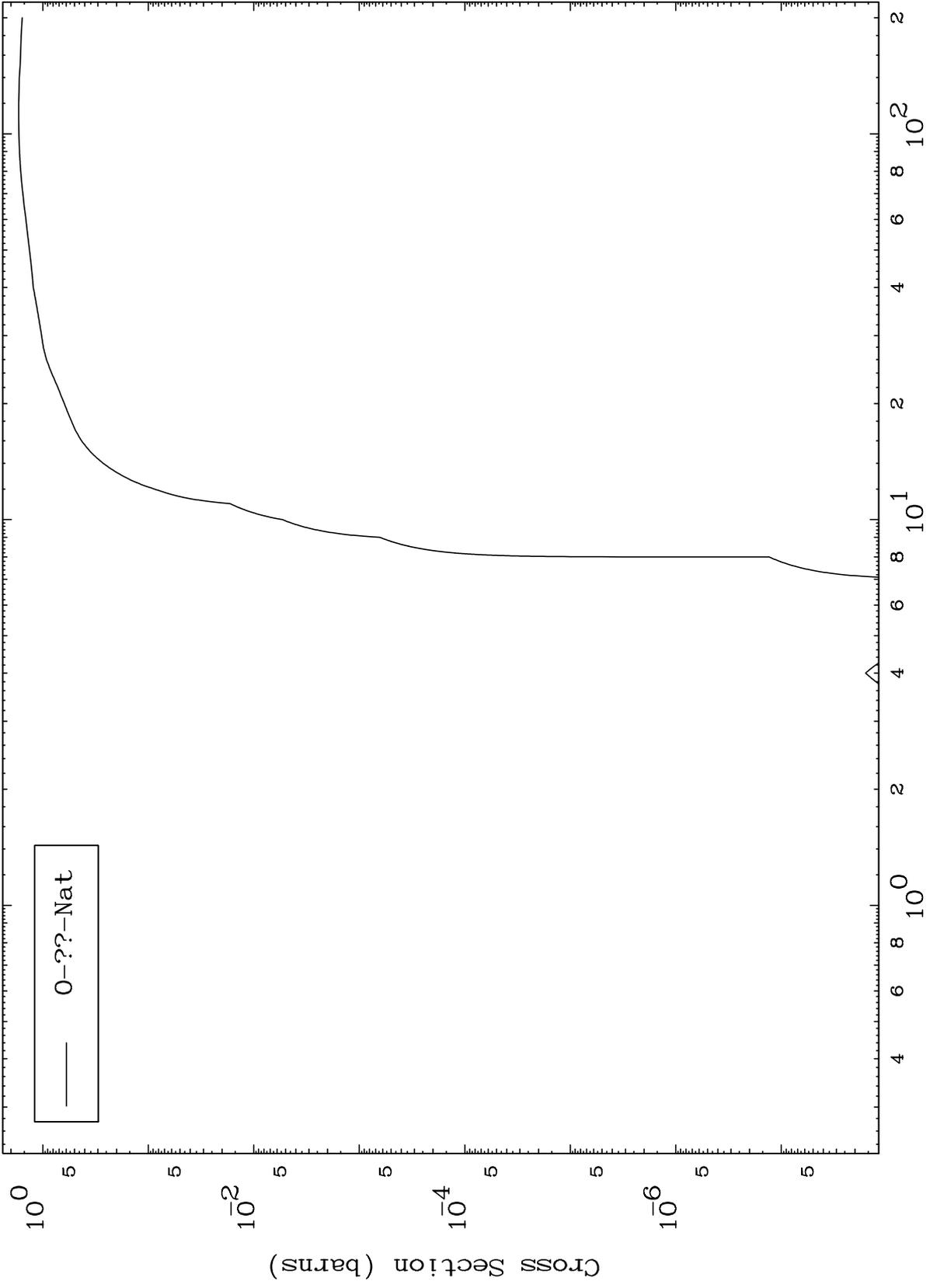
Incident Energy (MeV)

13

MAT 8289

83-Bi-197

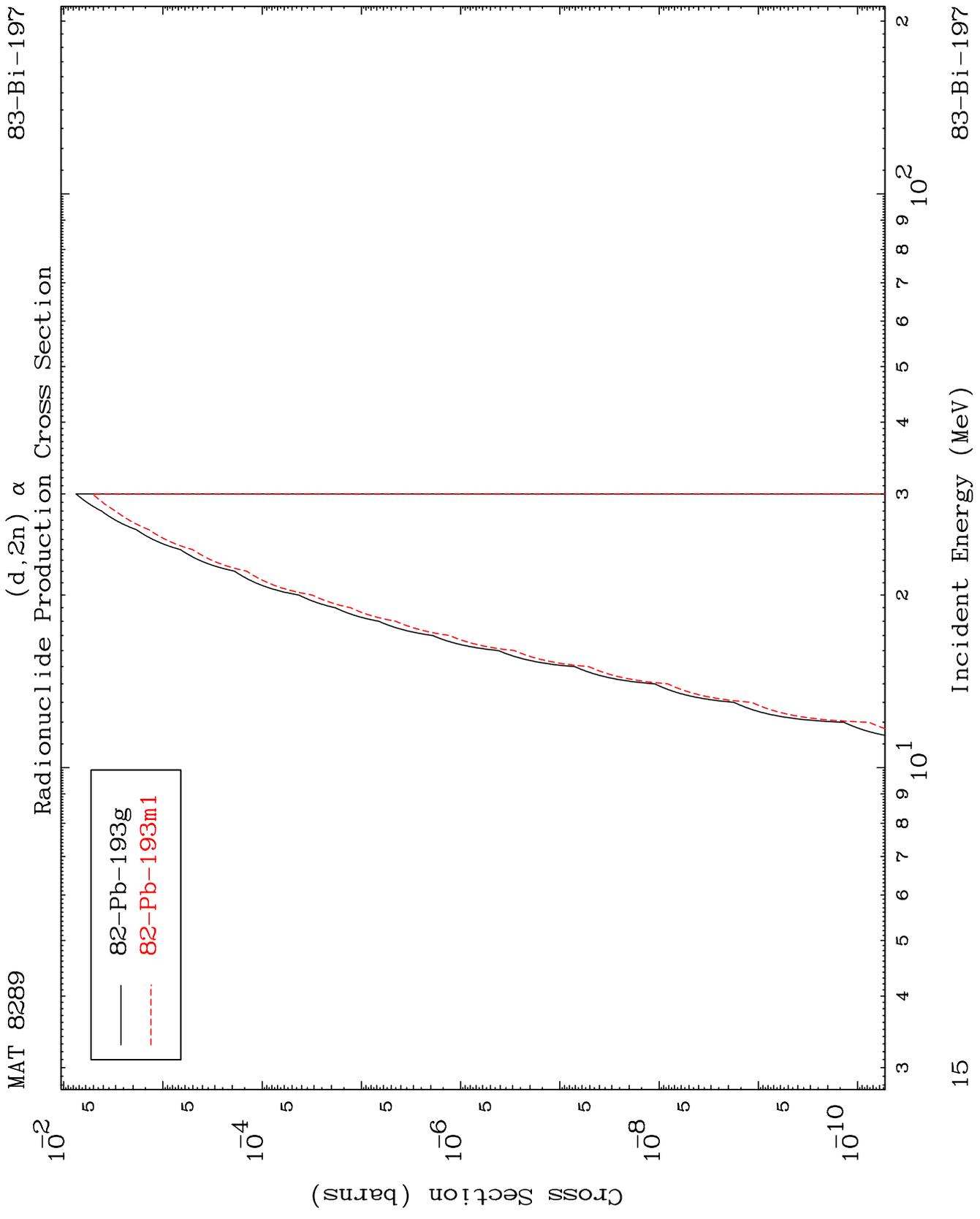
Deuteron Fission
Radionuclide Production Cross Section



83-Bi-197

Incident Energy (MeV)

14

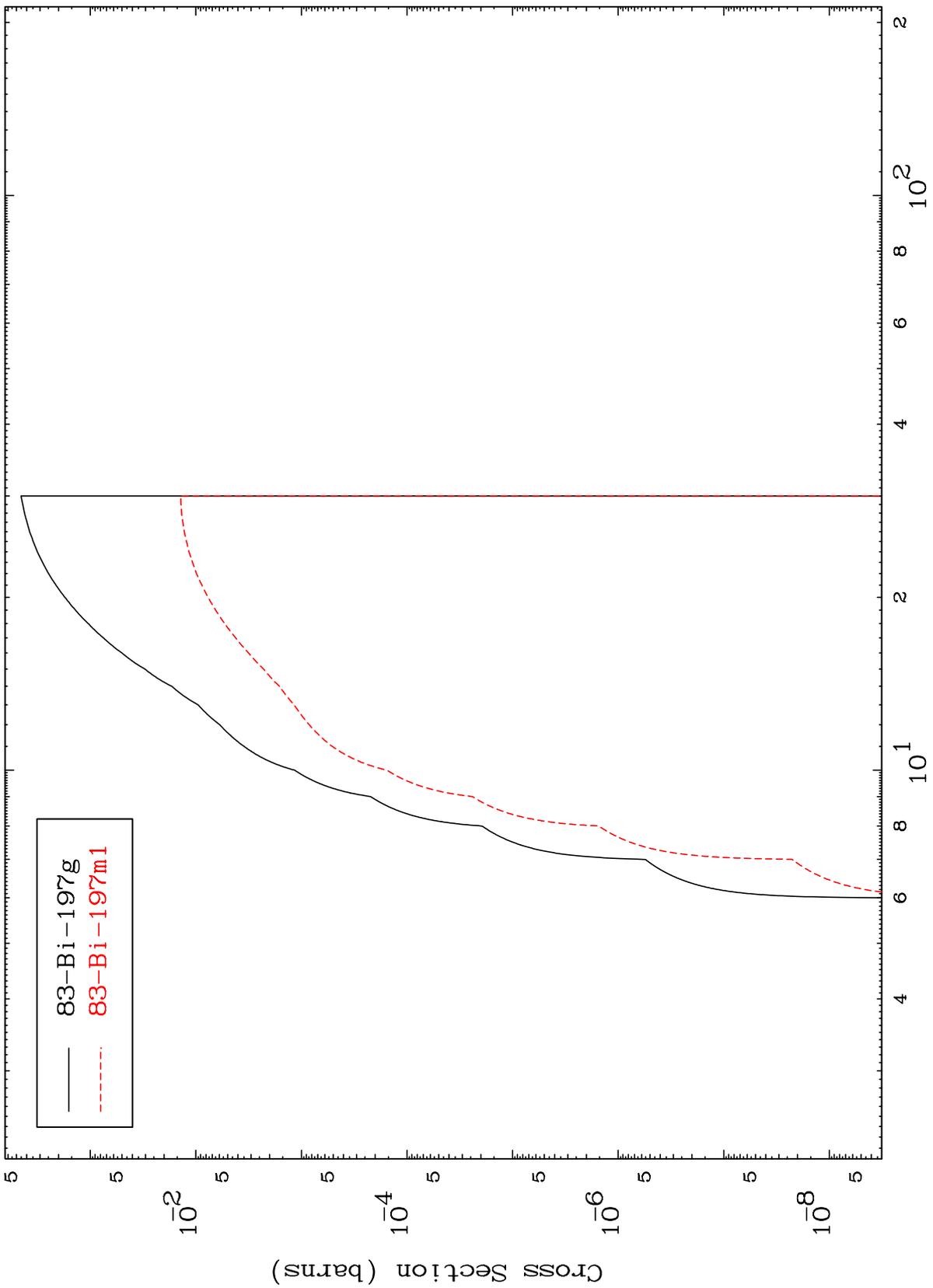


—	82-Pb-193g
- - -	82-Pb-193m1

MAT 8289

83-Bi-197

(d,n') p
Radionuclide Production Cross Section



16

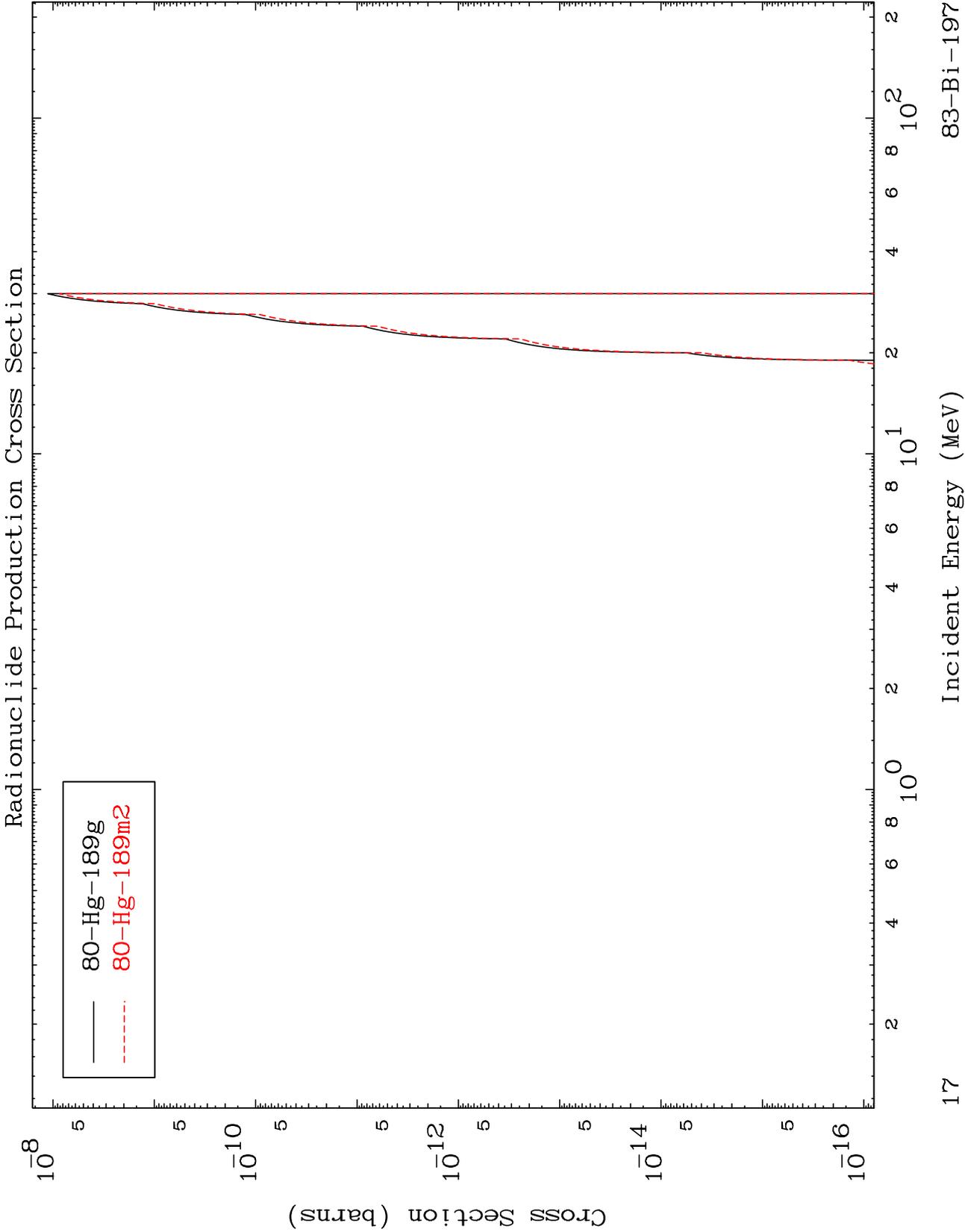
83-Bi-197

Incident Energy (MeV)

MAT 8289

(d,2n) 2 α

83-Bi-197

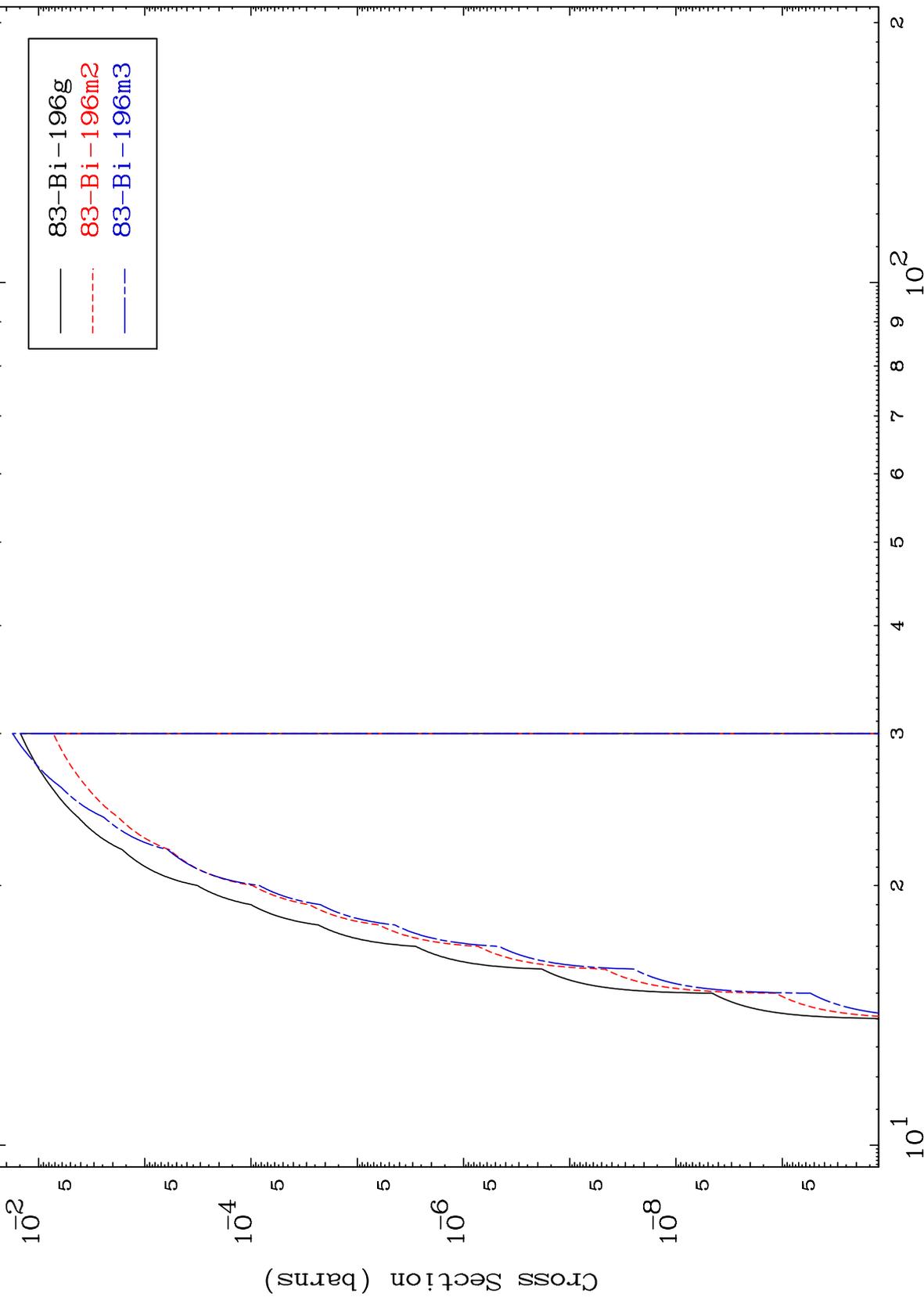


MAT 8289

(d,n') d

83-Bi-197

Radionuclide Production Cross Section



Incident Energy (MeV)

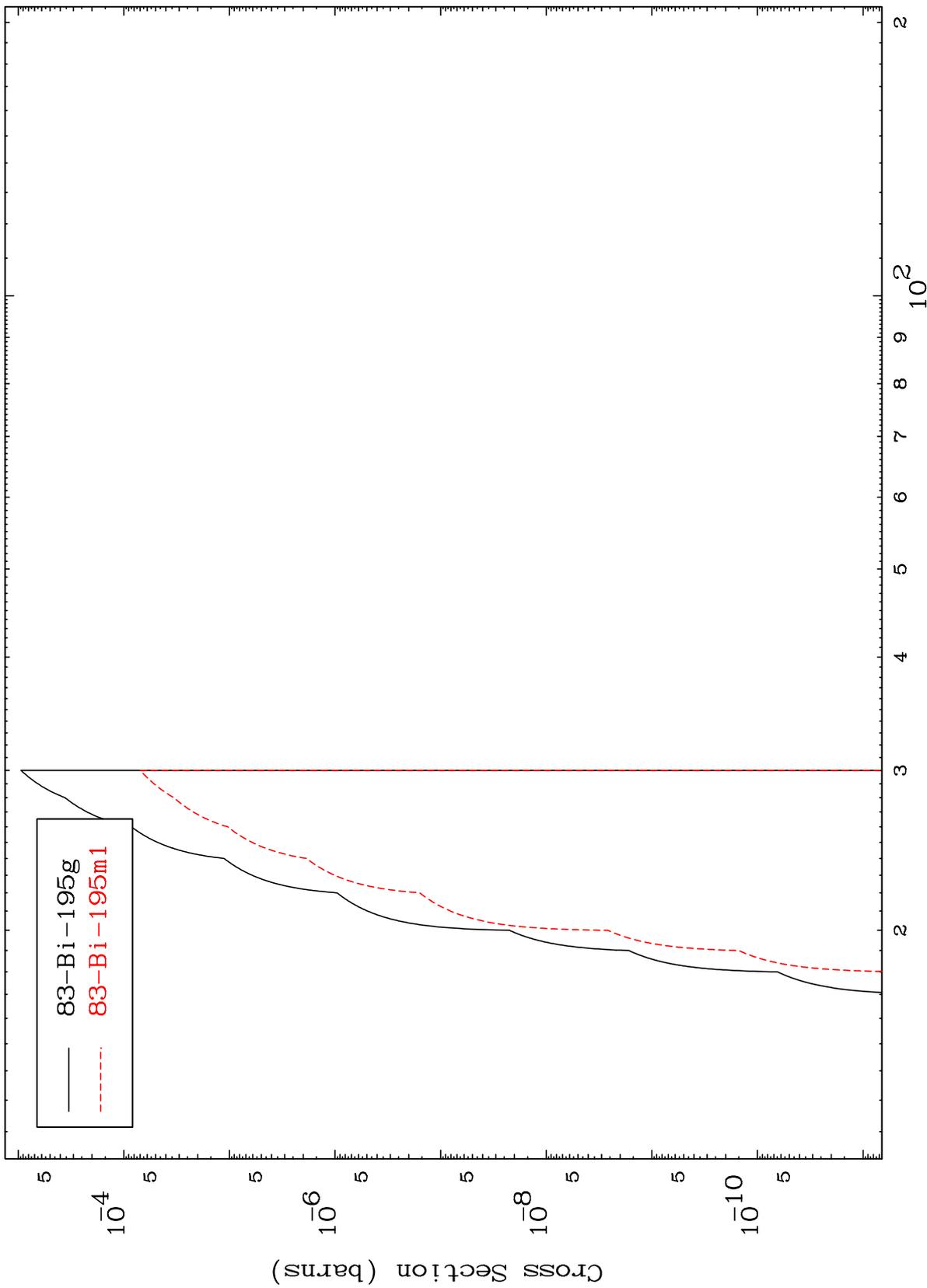
83-Bi-197

MAT 8289

(d,n') t

83-Bi-197

Radionuclide Production Cross Section



19

Incident Energy (MeV)

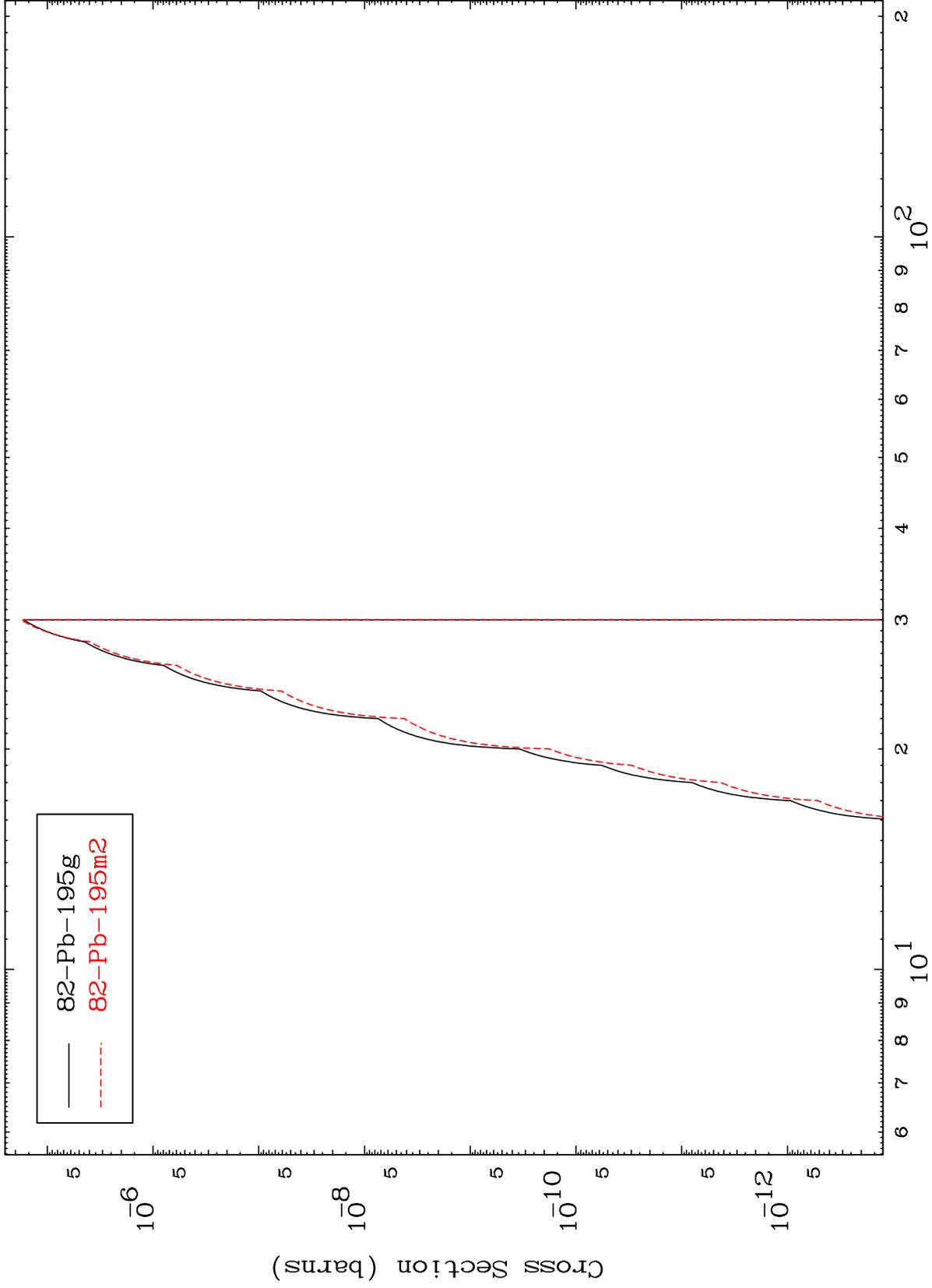
83-Bi-197

MAT 8289

(d,n') He-3

83-Bi-197

Radionuclide Production Cross Section



20

Incident Energy (MeV)

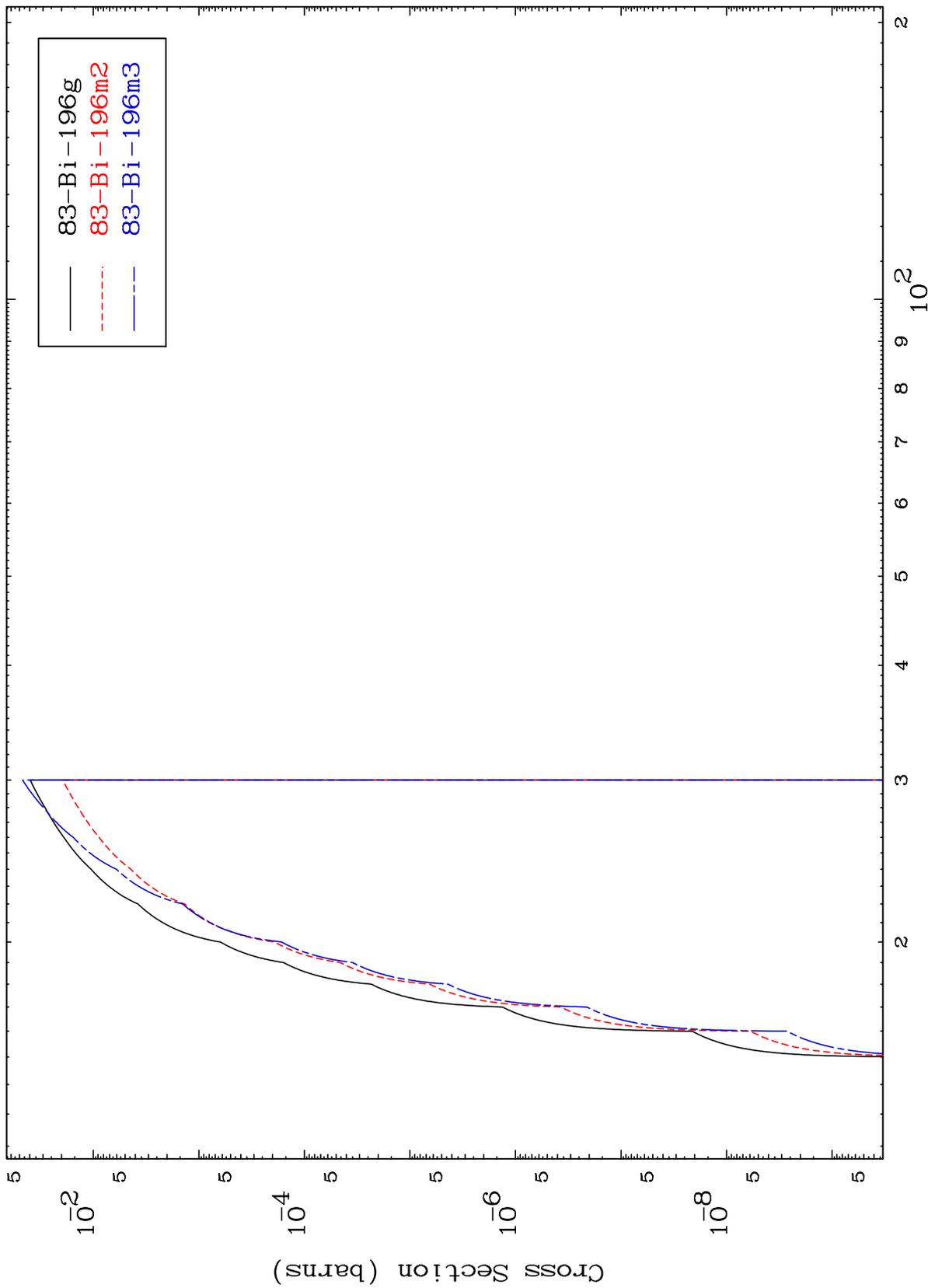
83-Bi-197

MAT 8289

(d,2n) p

83-Bi-197

Radionuclide Production Cross Section



21

Incident Energy (MeV)

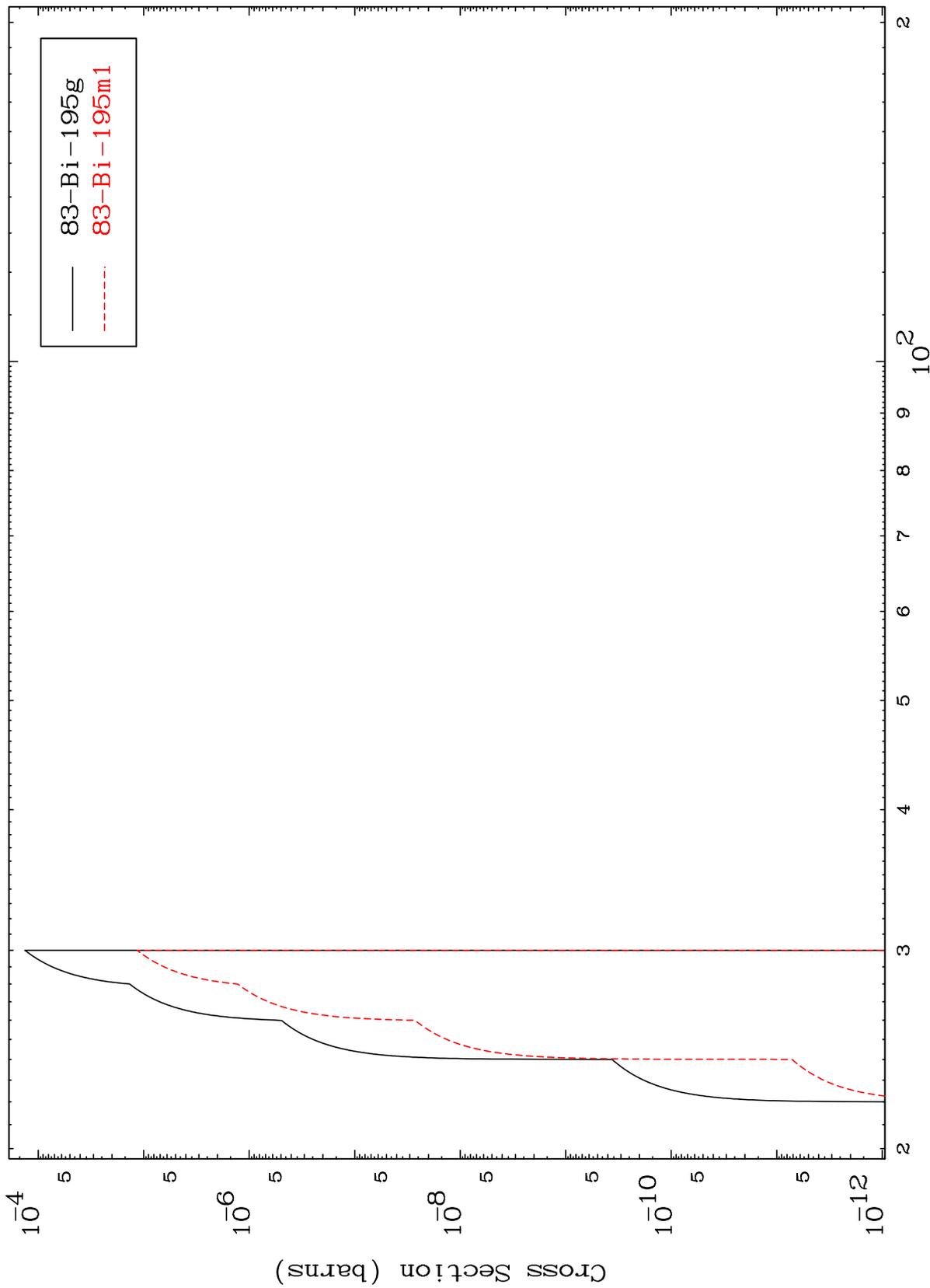
83-Bi-197

MAT 8289

(d,3n) p

83-Bi-197

Radionuclide Production Cross Section



22

Incident Energy (MeV)

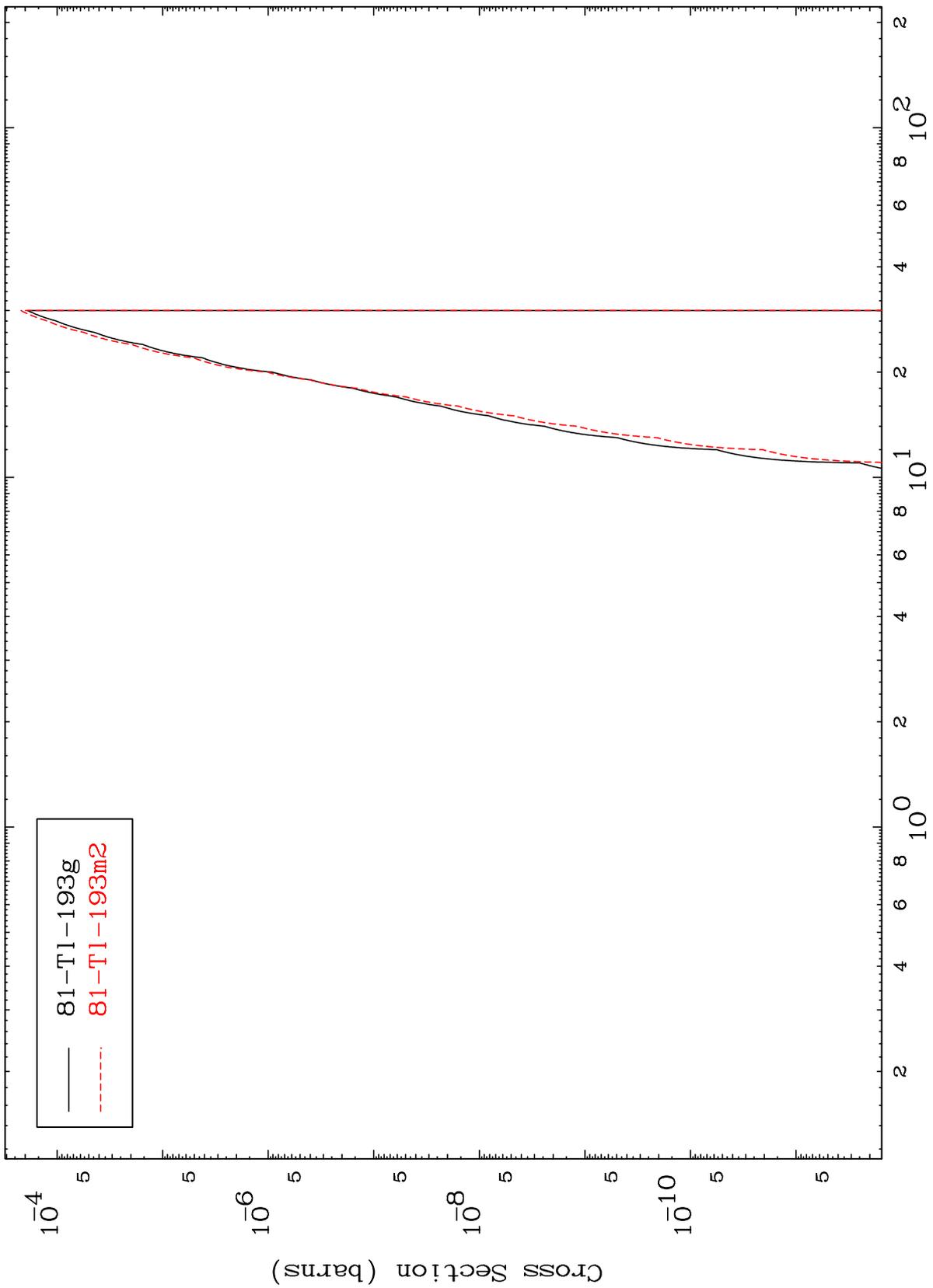
83-Bi-197

MAT 8289

(d,n') p α

83-Bi-197

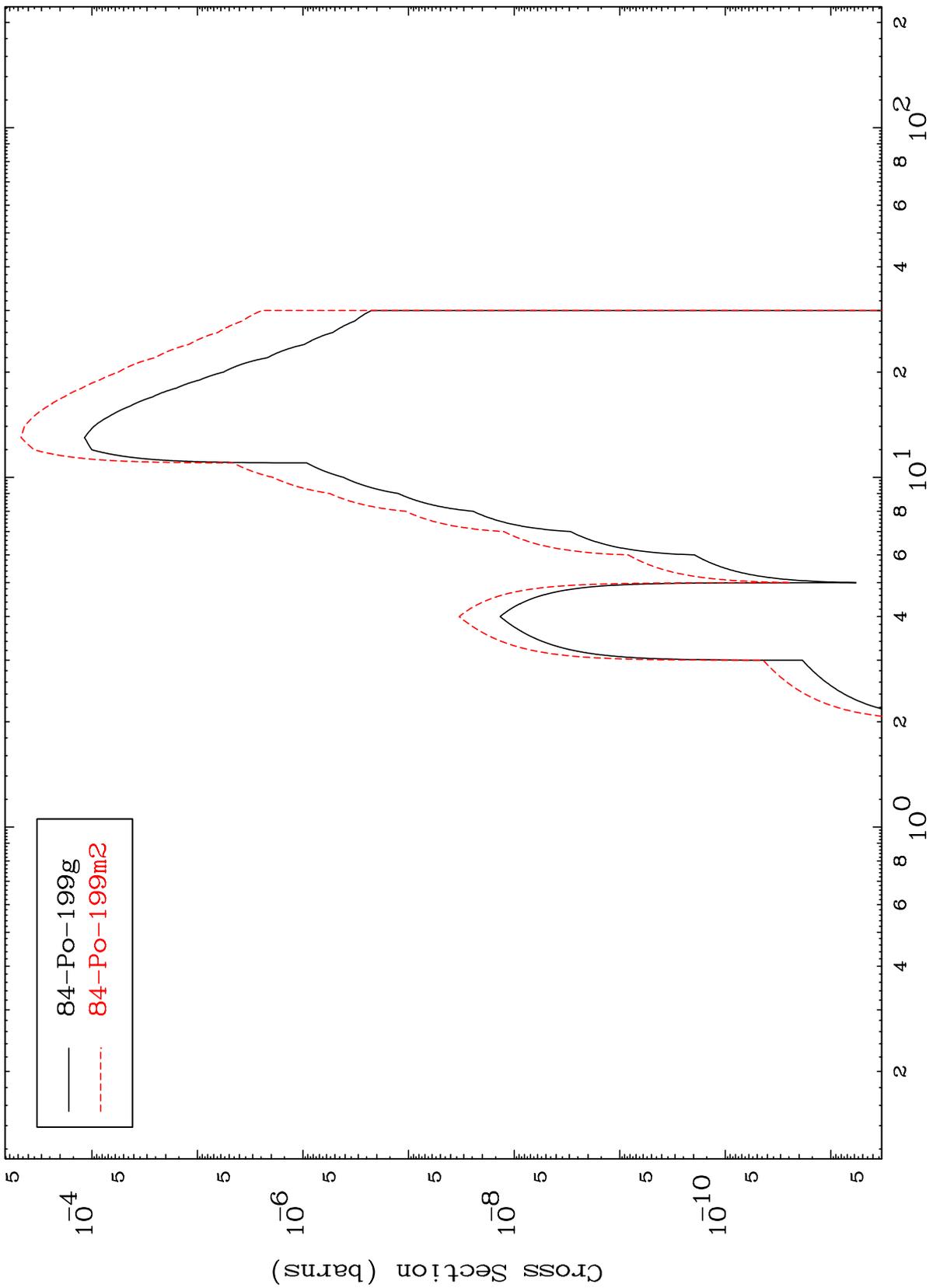
Radionuclide Production Cross Section



MAT 8289

83-Bi-197

(d, γ)
Radionuclide Production Cross Section



83-Bi-197

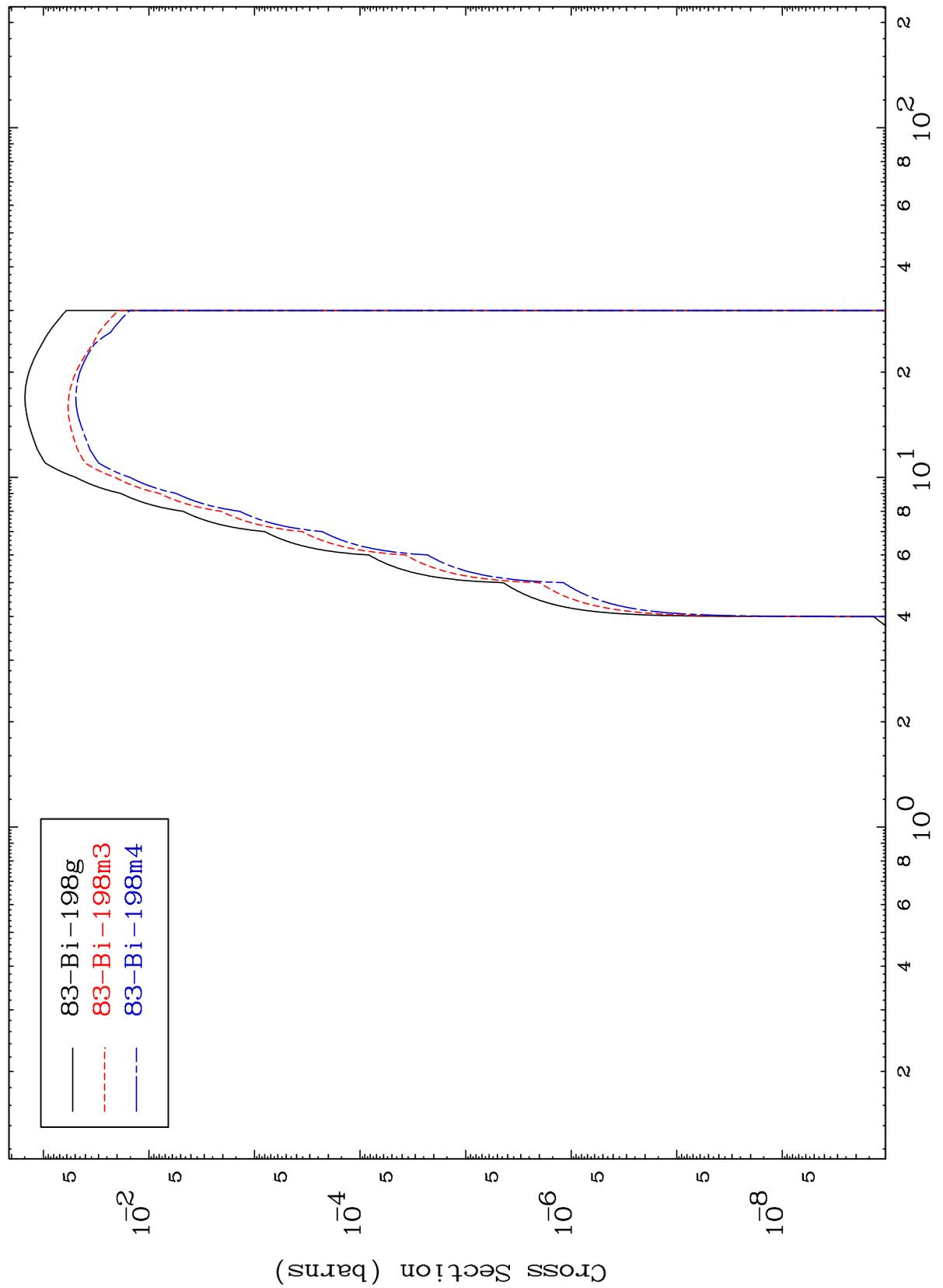
Incident Energy (MeV)

24

MAT 8289

83-Bi-197

(d,p)
Radionuclide Production Cross Section



83-Bi-197

Incident Energy (MeV)

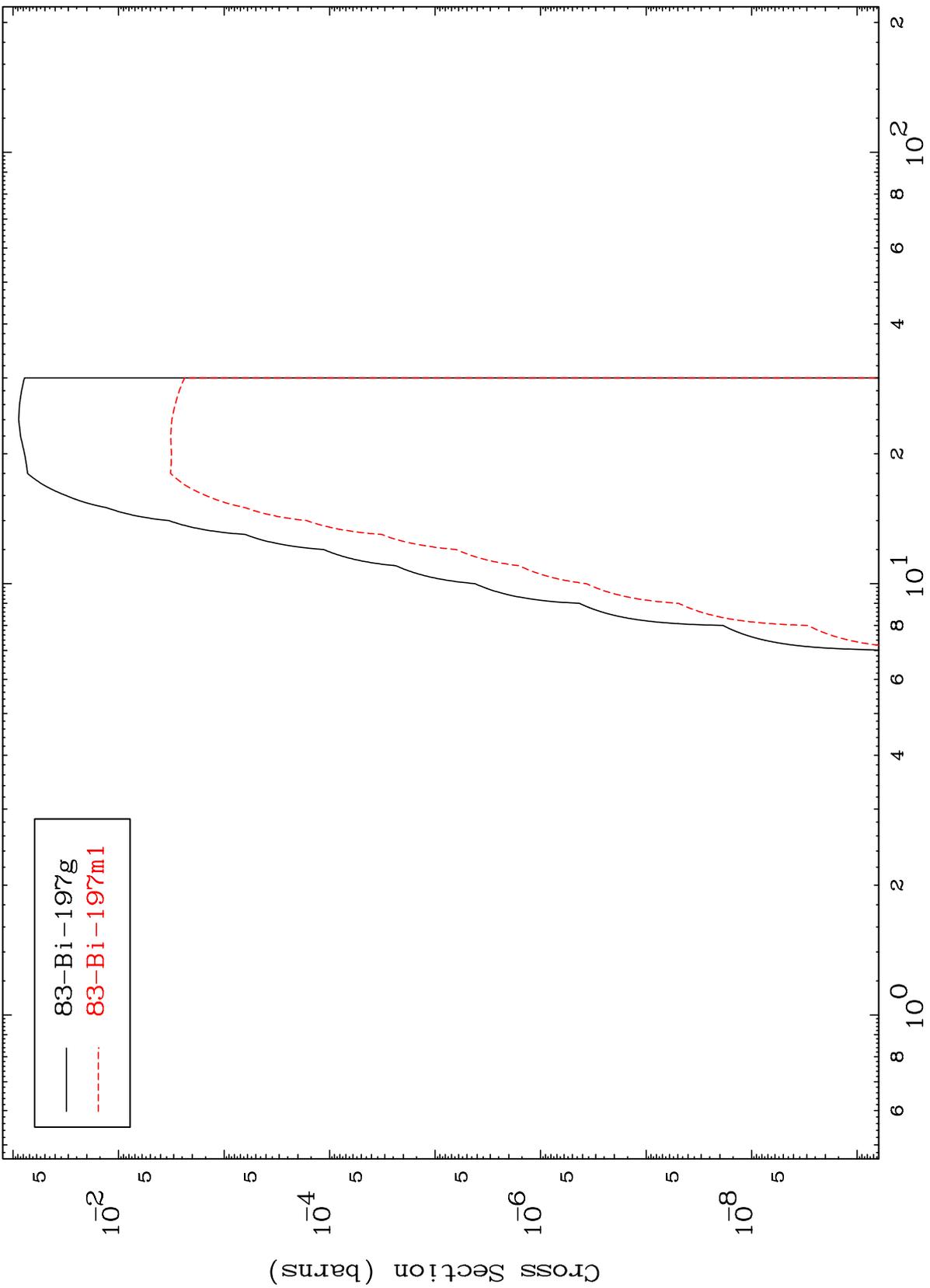
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MAT 8289

(d,d)

83-Bi-197

Radionuclide Production Cross Section



83-Bi-197g
83-Bi-197m1

26

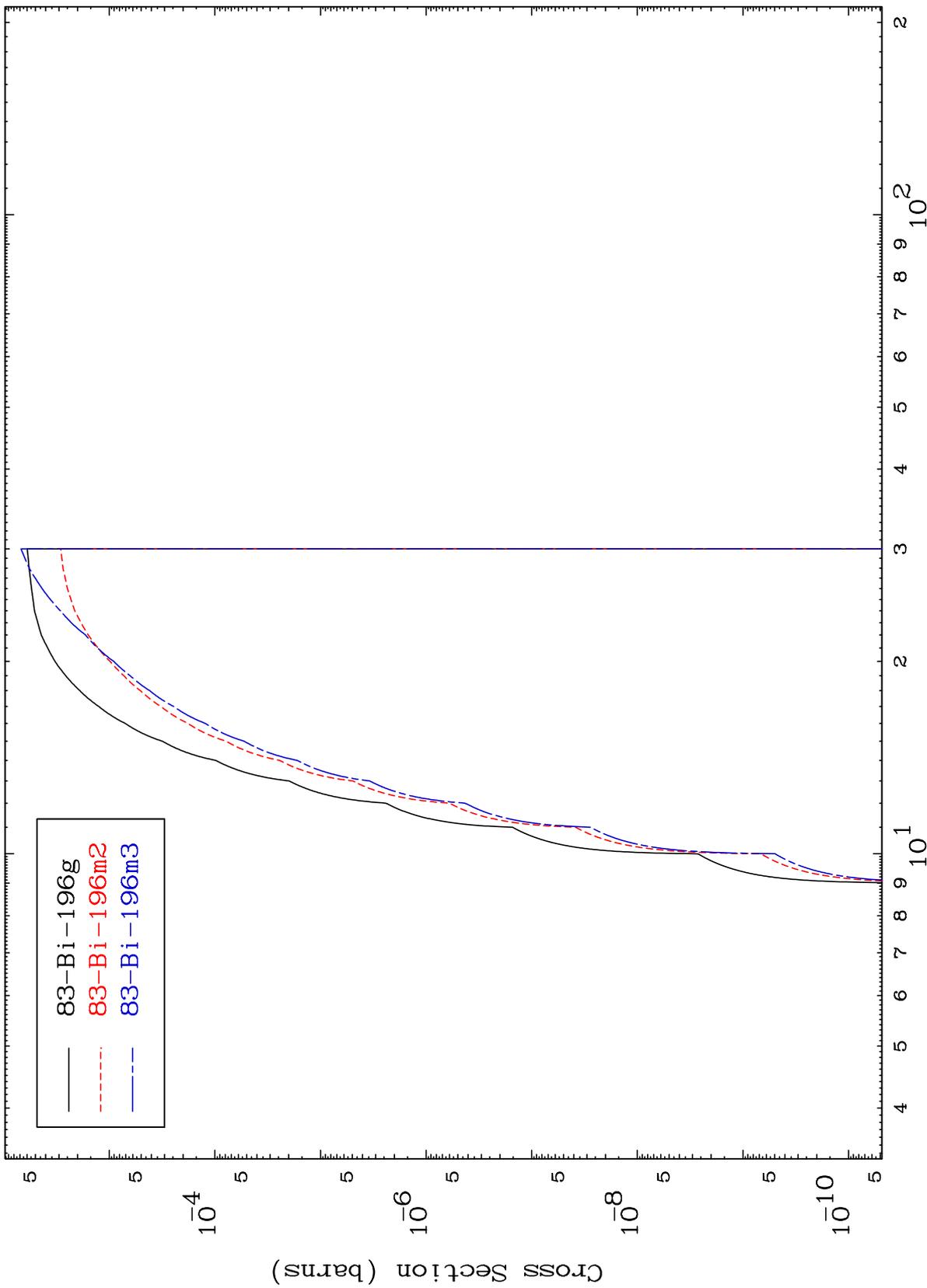
Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

(d, t)
Radionuclide Production Cross Section



83-Bi-197

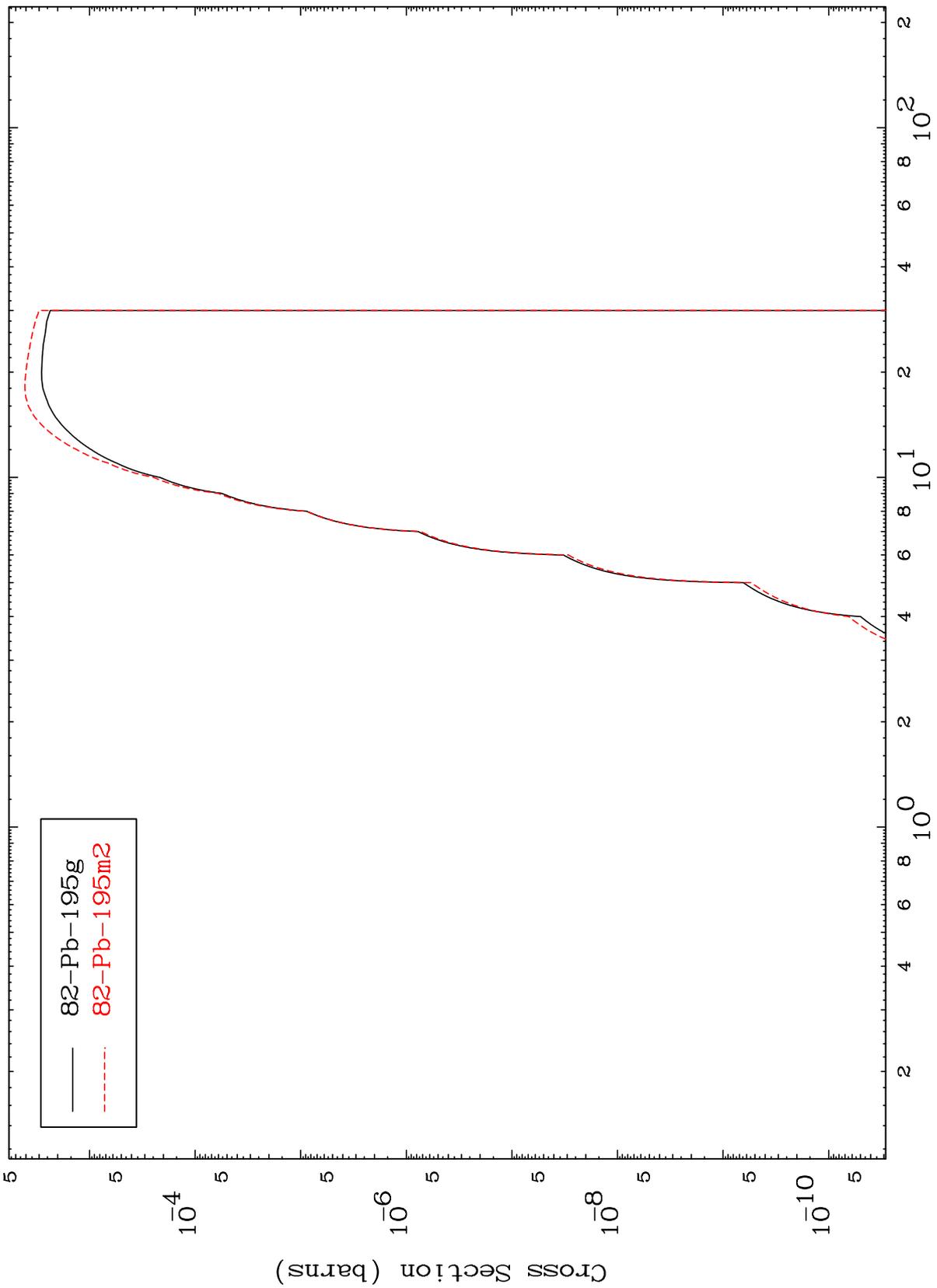
Incident Energy (MeV)

27

MAT 8289

83-Bi-197

(d, α)
Radionuclide Production Cross Section



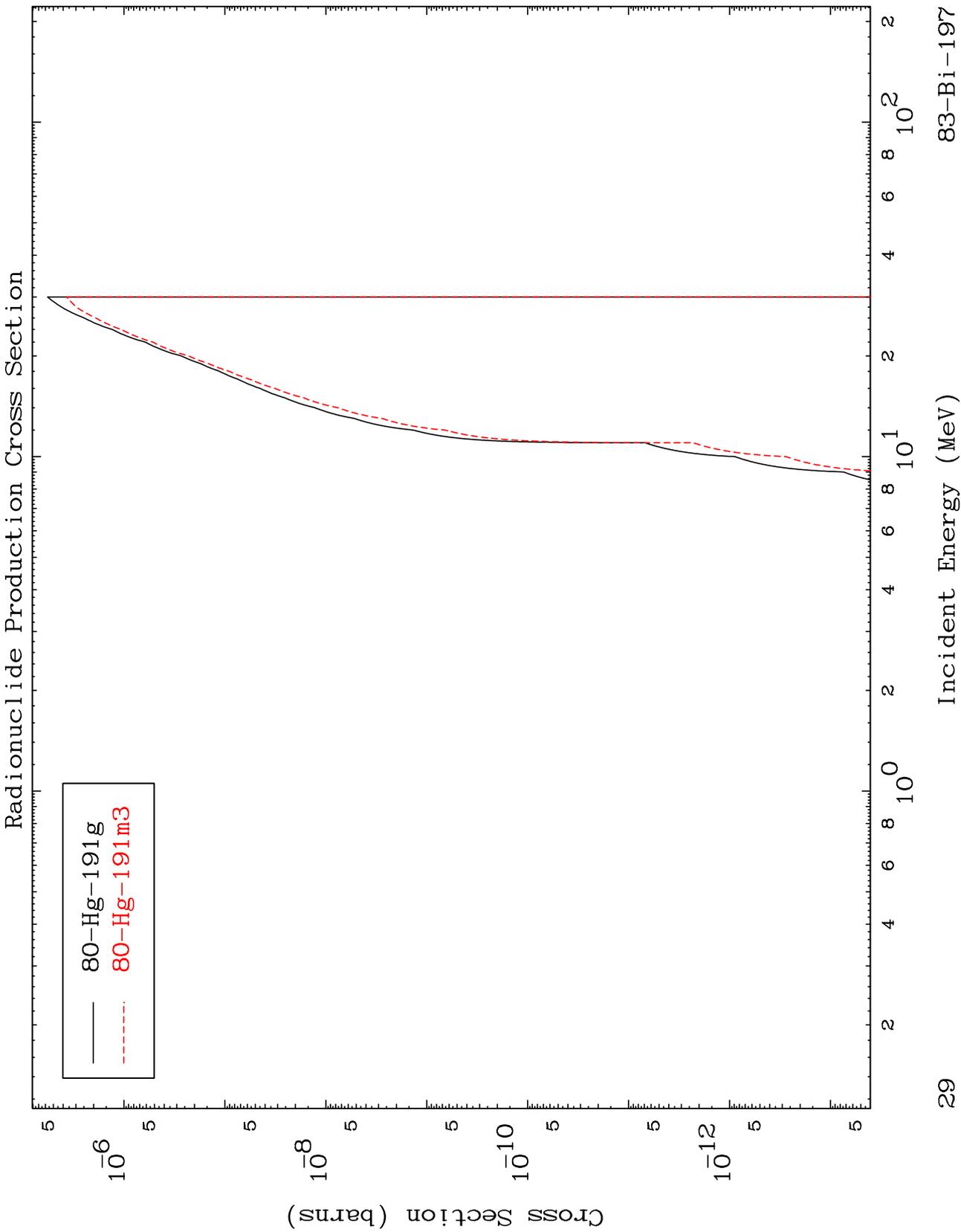
83-Bi-197

Incident Energy (MeV)

28

MAT 8289

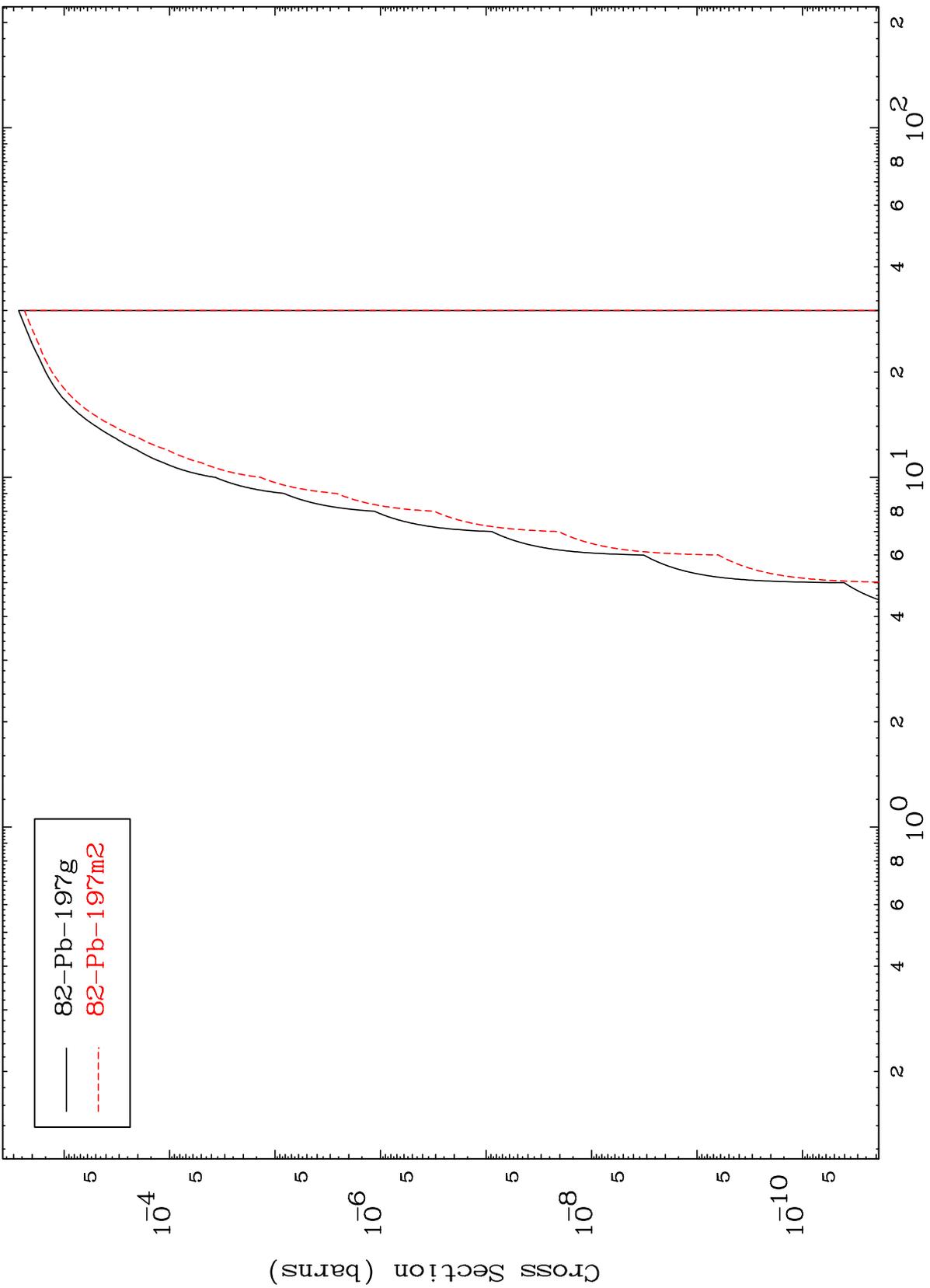
83-Bi-197



MAT 8289

83-Bi-197

Radionuclide Production Cross Section
(d,2p)



83-Bi-197

Incident Energy (MeV)

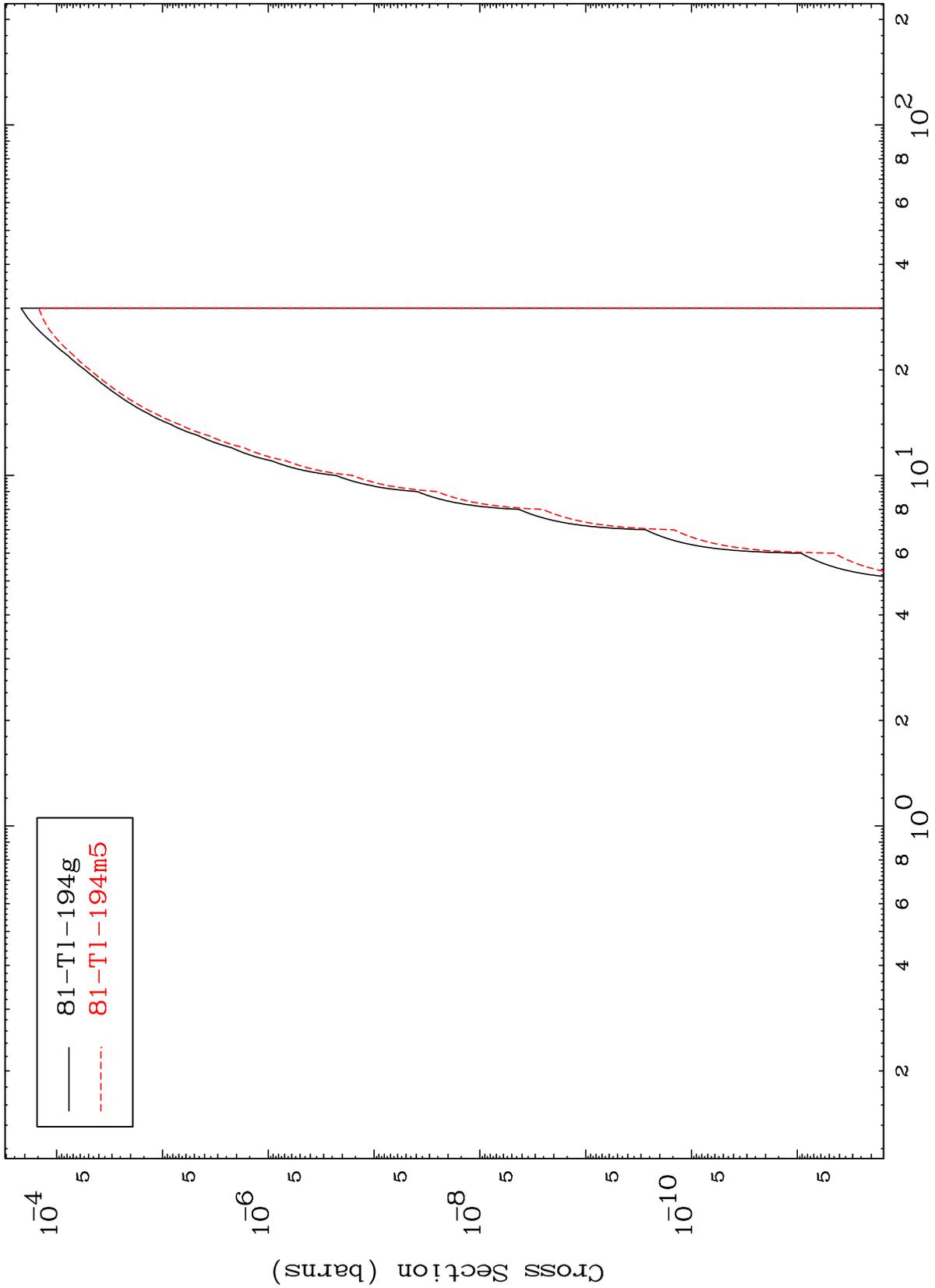
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MAT 8289

(d,p) α

83-Bi-197

Radionuclide Production Cross Section

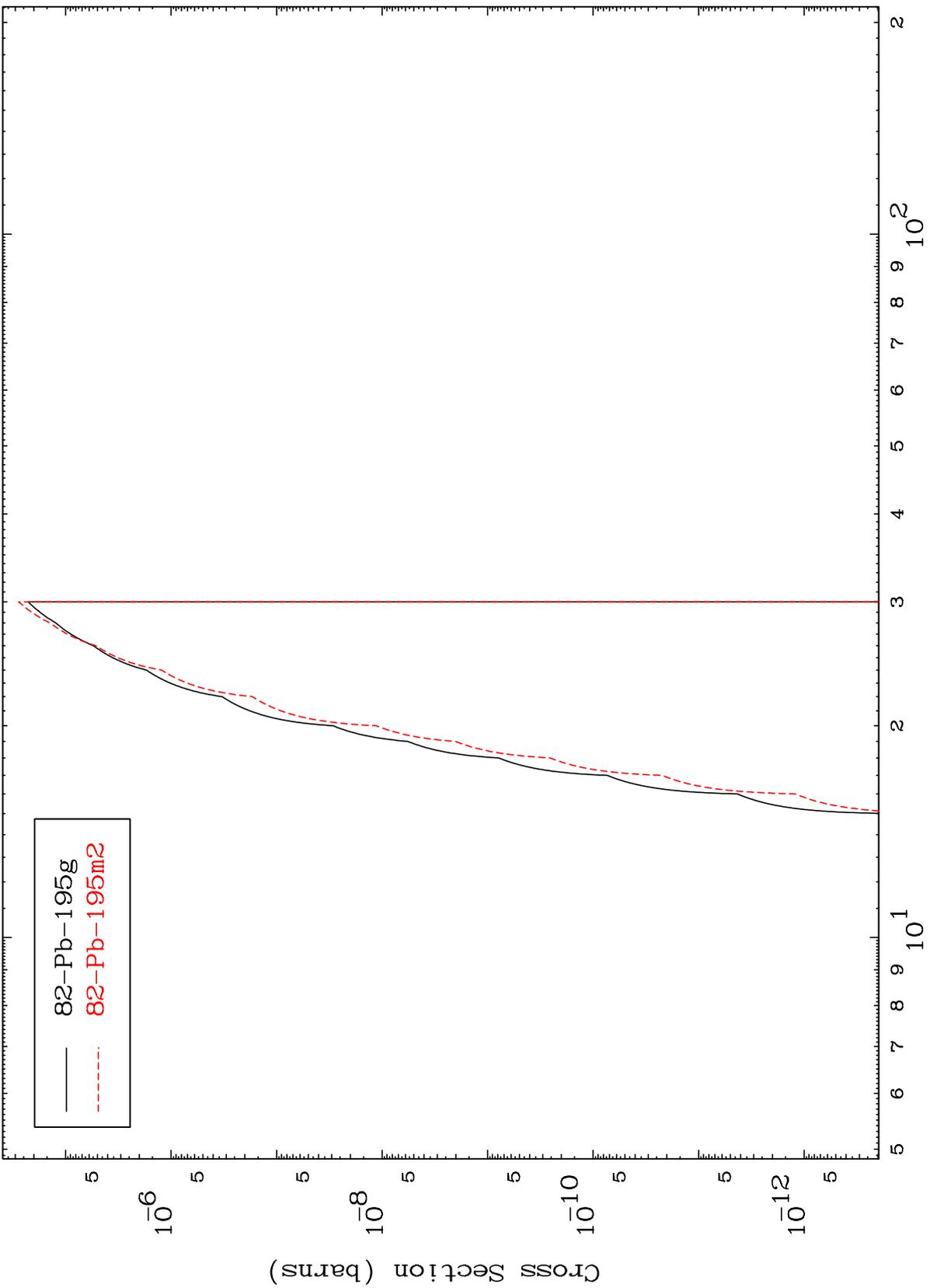


MAT 8289

(d,p) t

83-Bi-197

Radionuclide Production Cross Section



82-Pb-195g
82-Pb-195m2

32

Incident Energy (MeV)

83-Bi-197

MAT 8289

(d,d) α

83-Bi-197

Radionuclide Production Cross Section

