

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

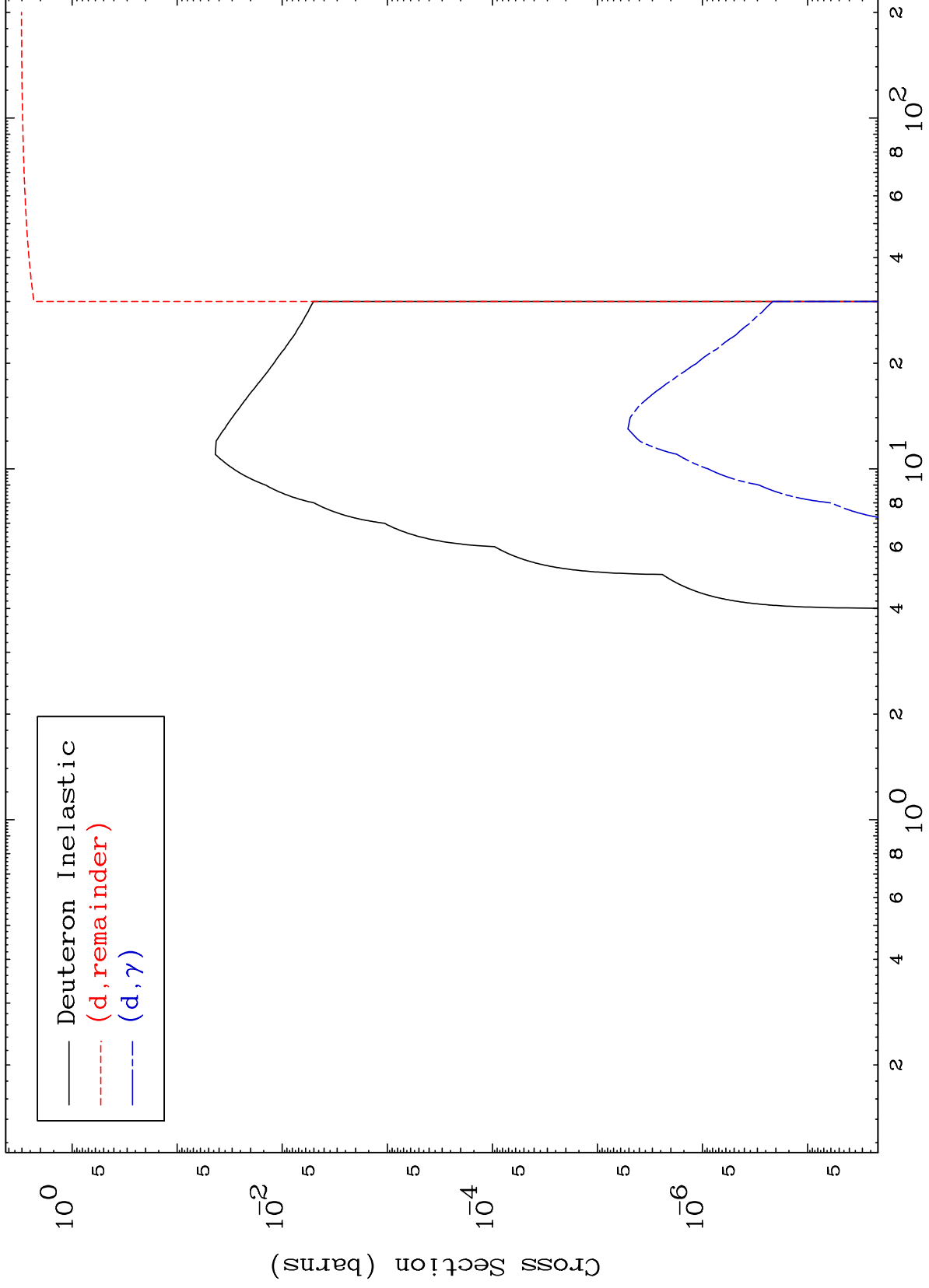
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

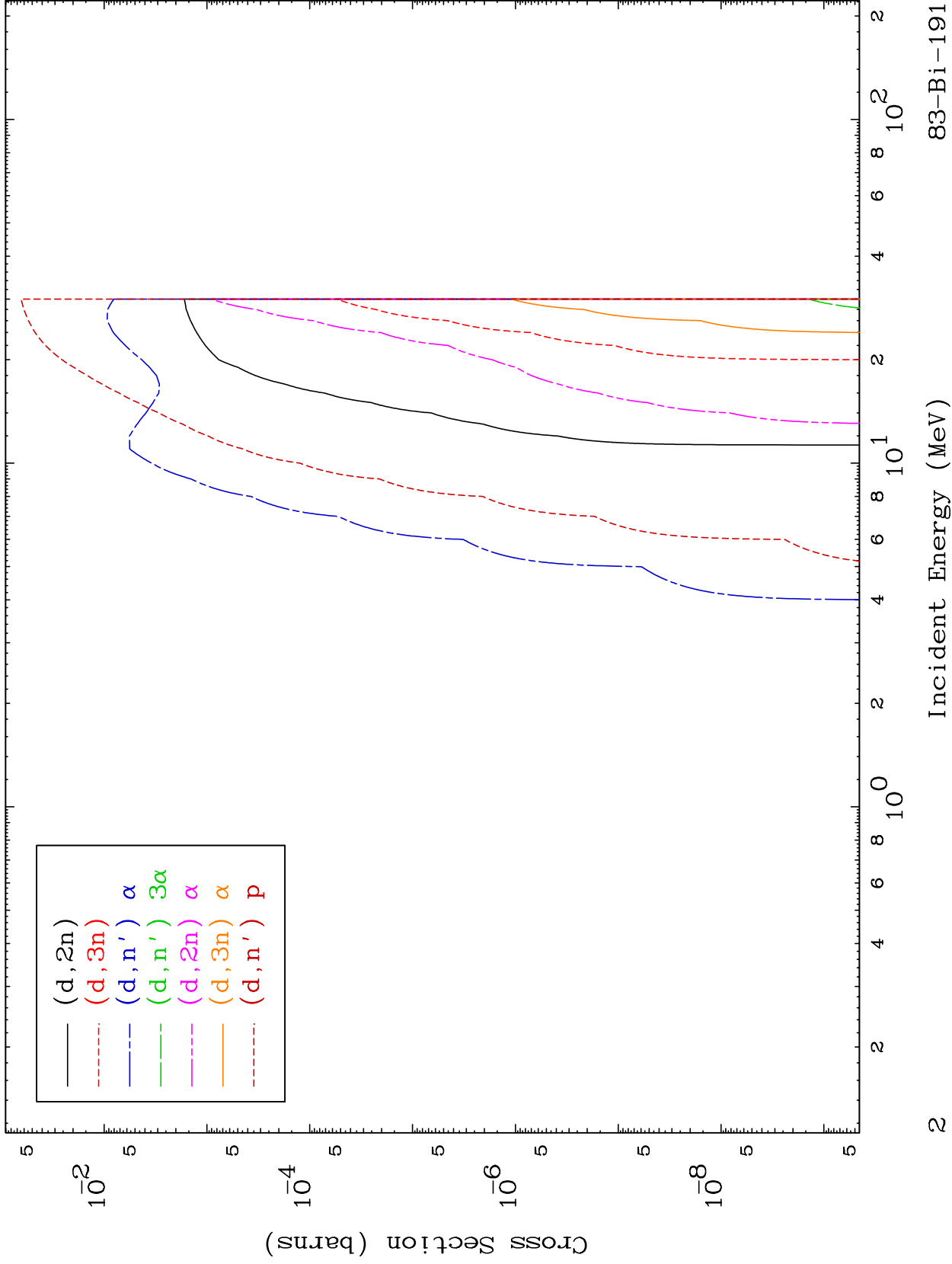
Tele: 925-443-1911

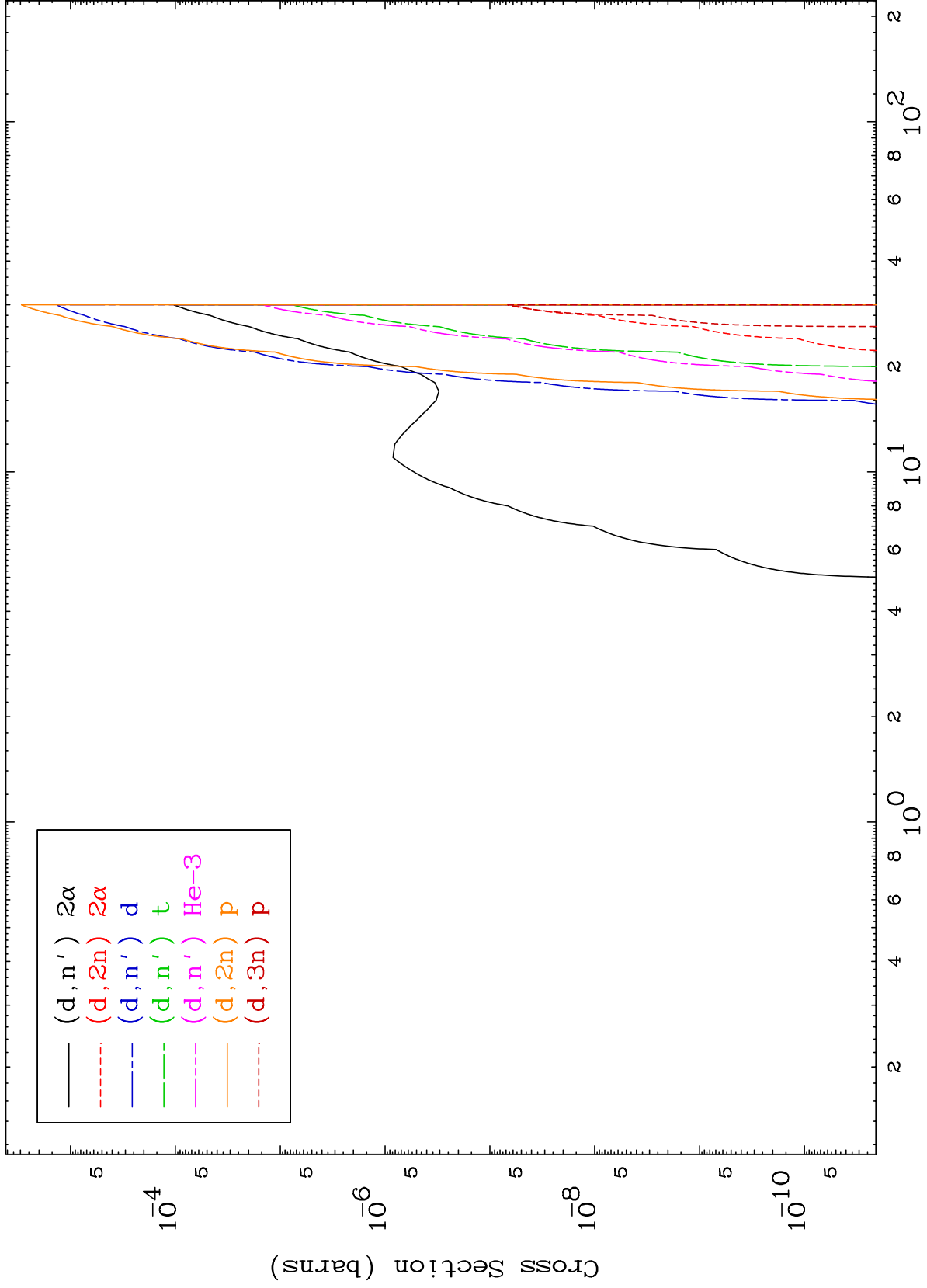
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



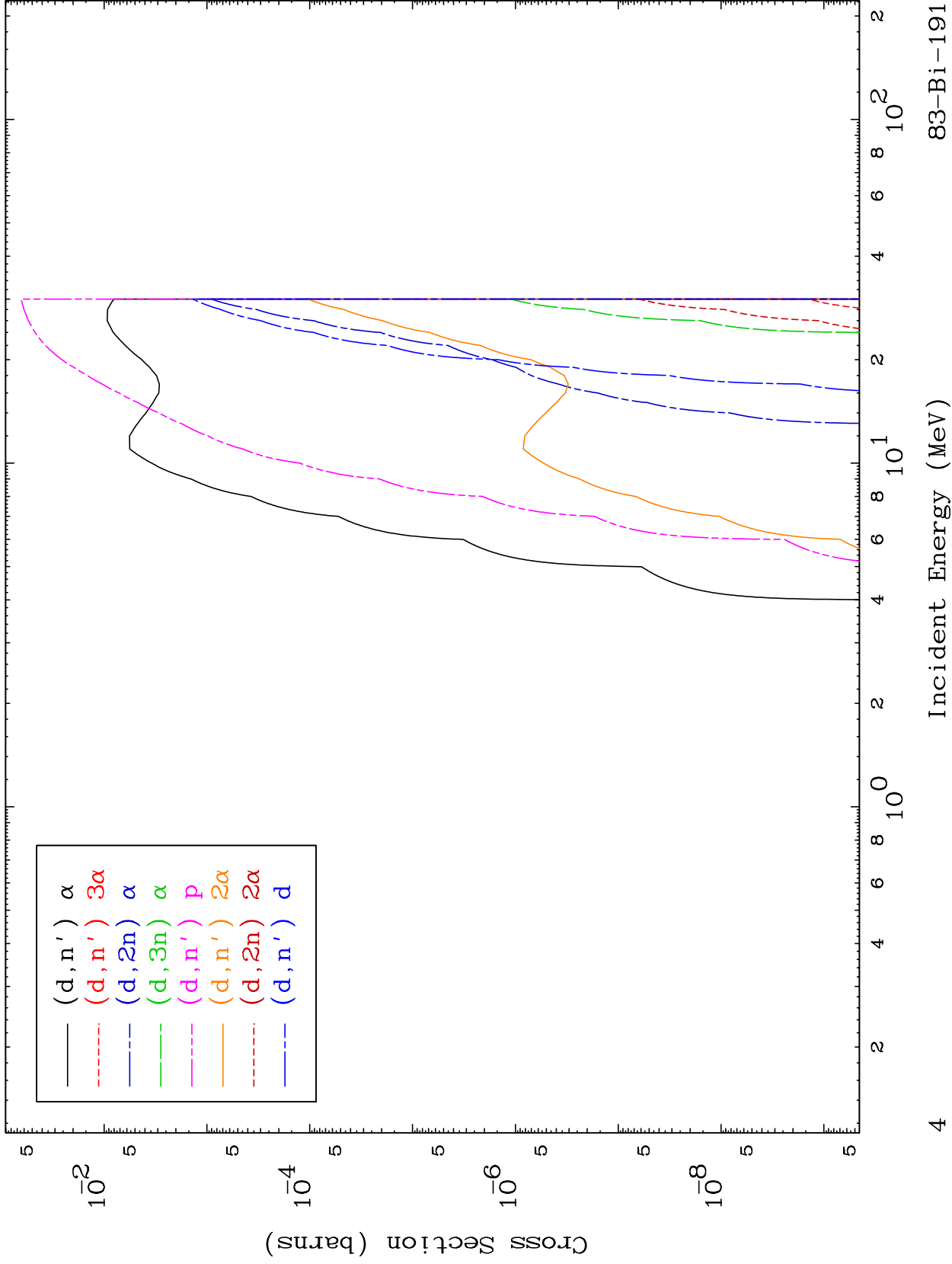


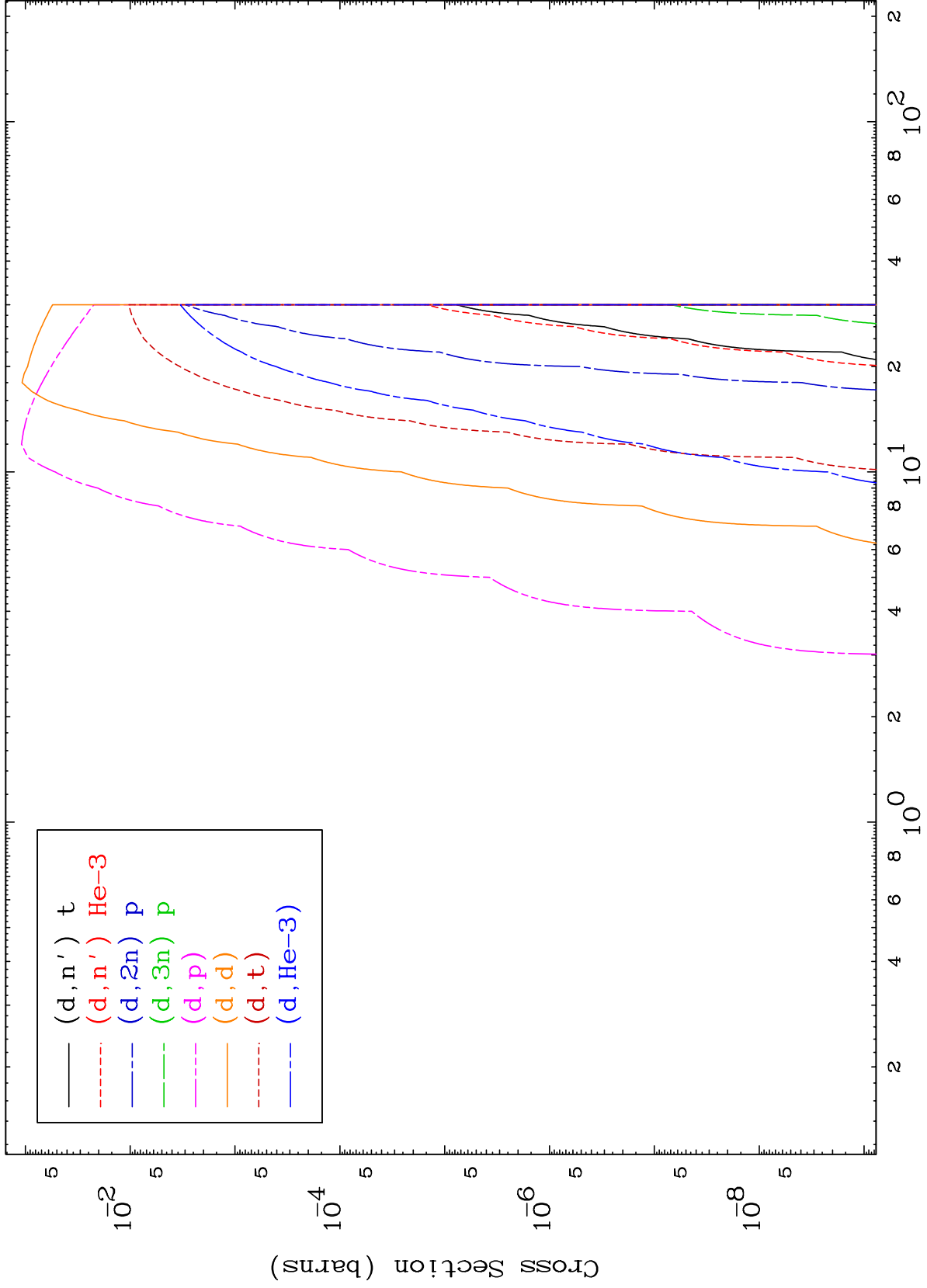


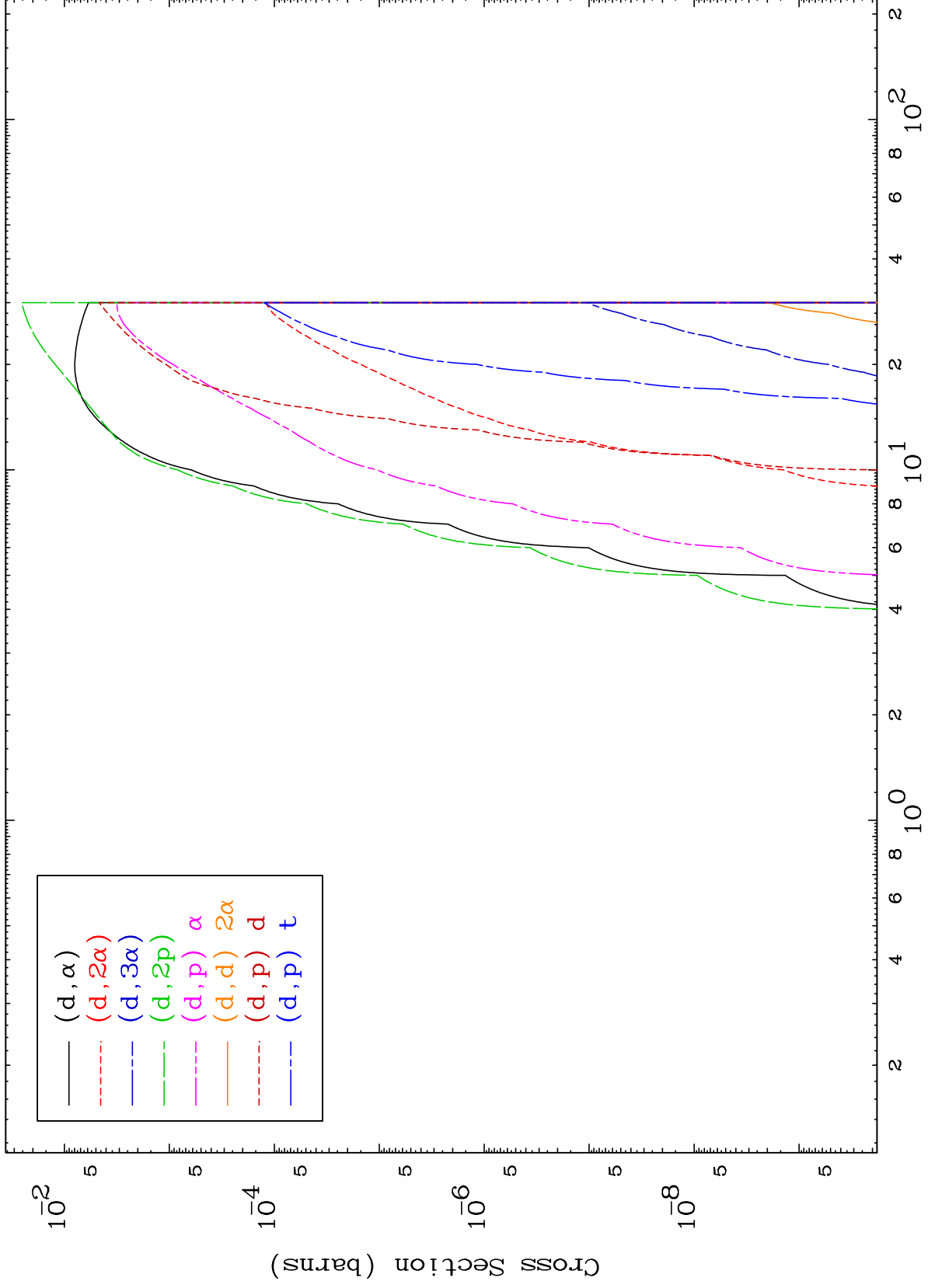
MAT 8271

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-191





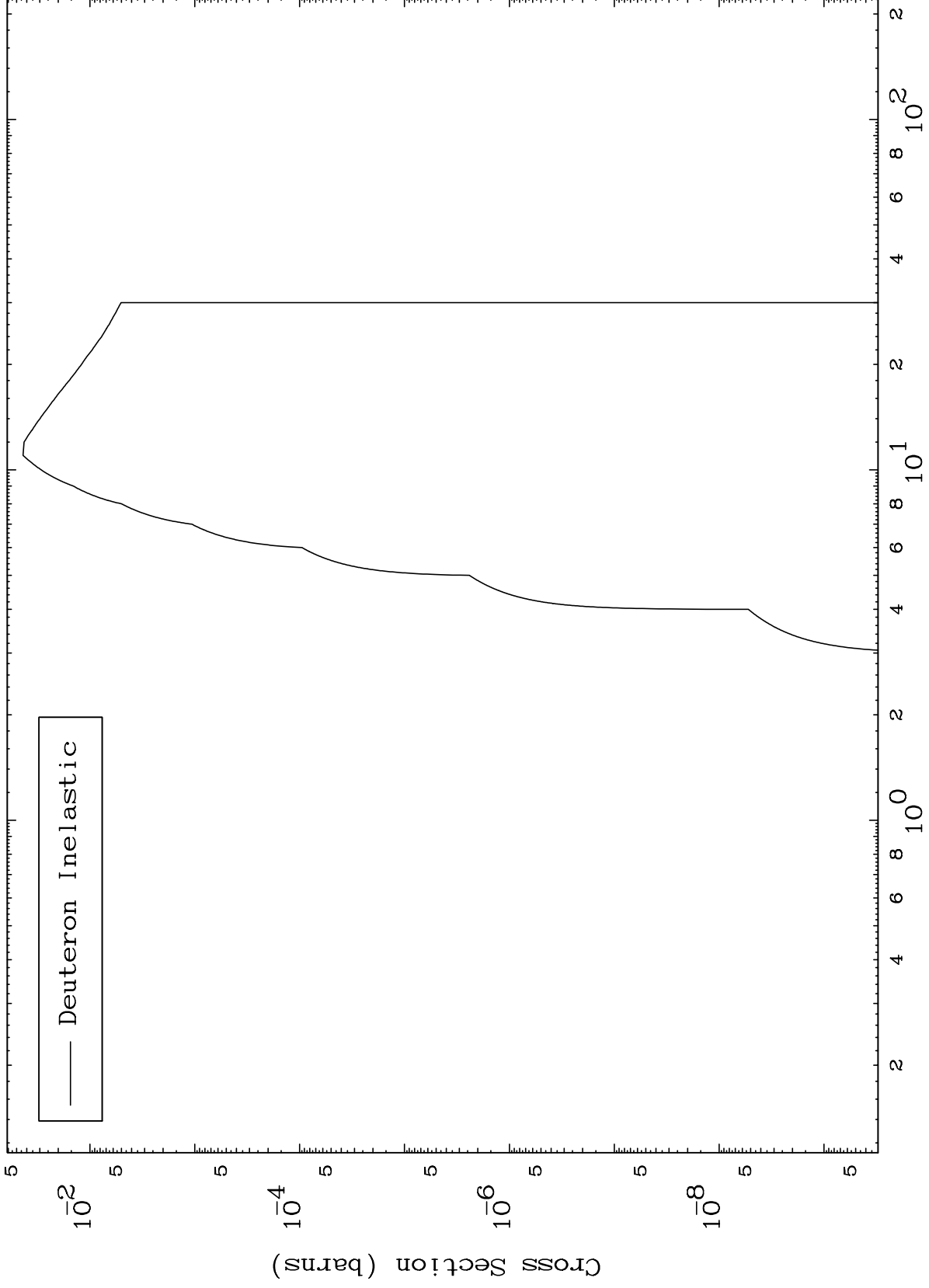


MAT 8271

(d,n') Level

83-Bi-191

0 Kelvin Cross Sections



7

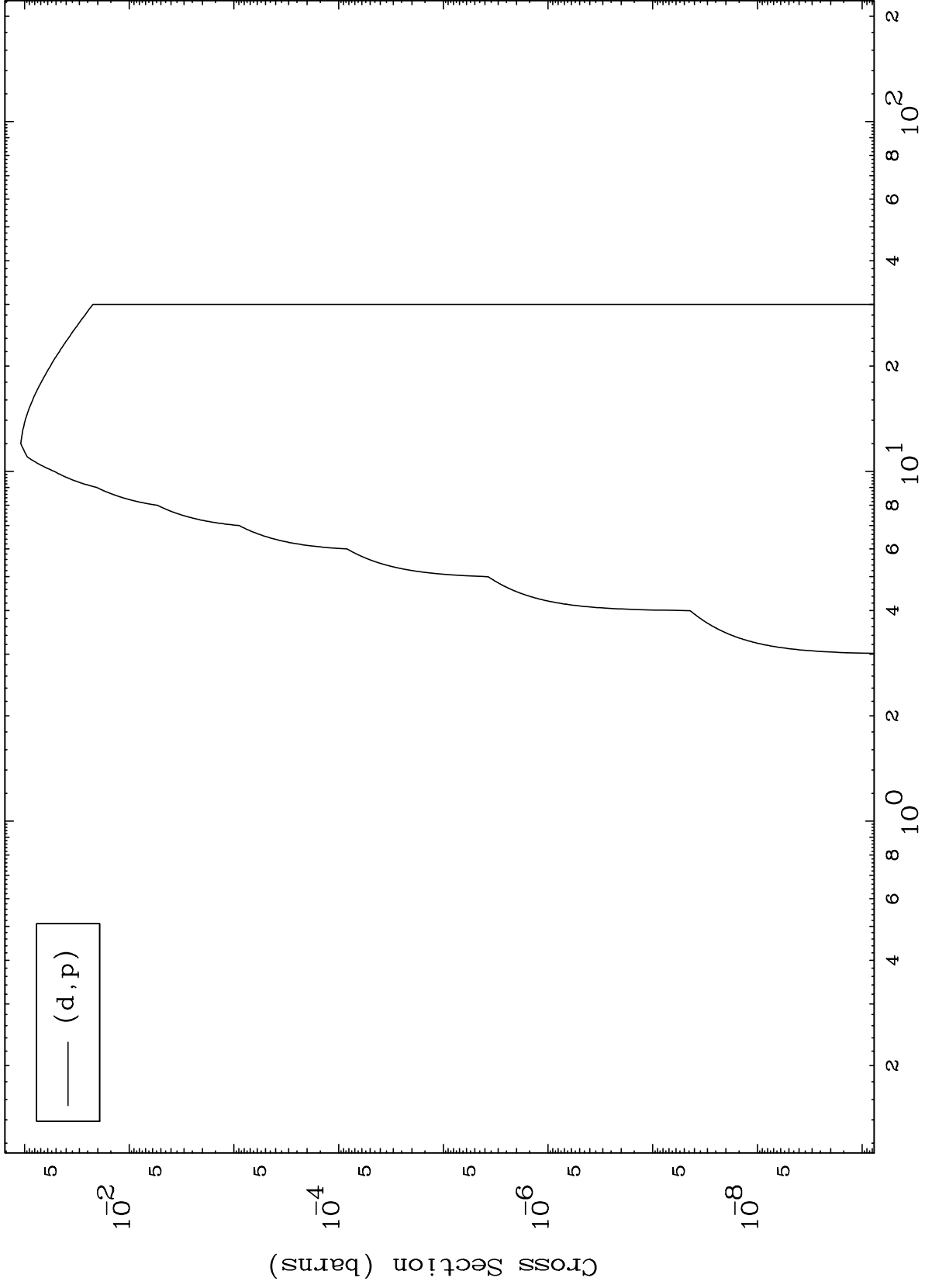
Incident Energy (MeV)

83-Bi-191

MAT 8271

(d,p) Levels
0 Kelvin Cross Sections

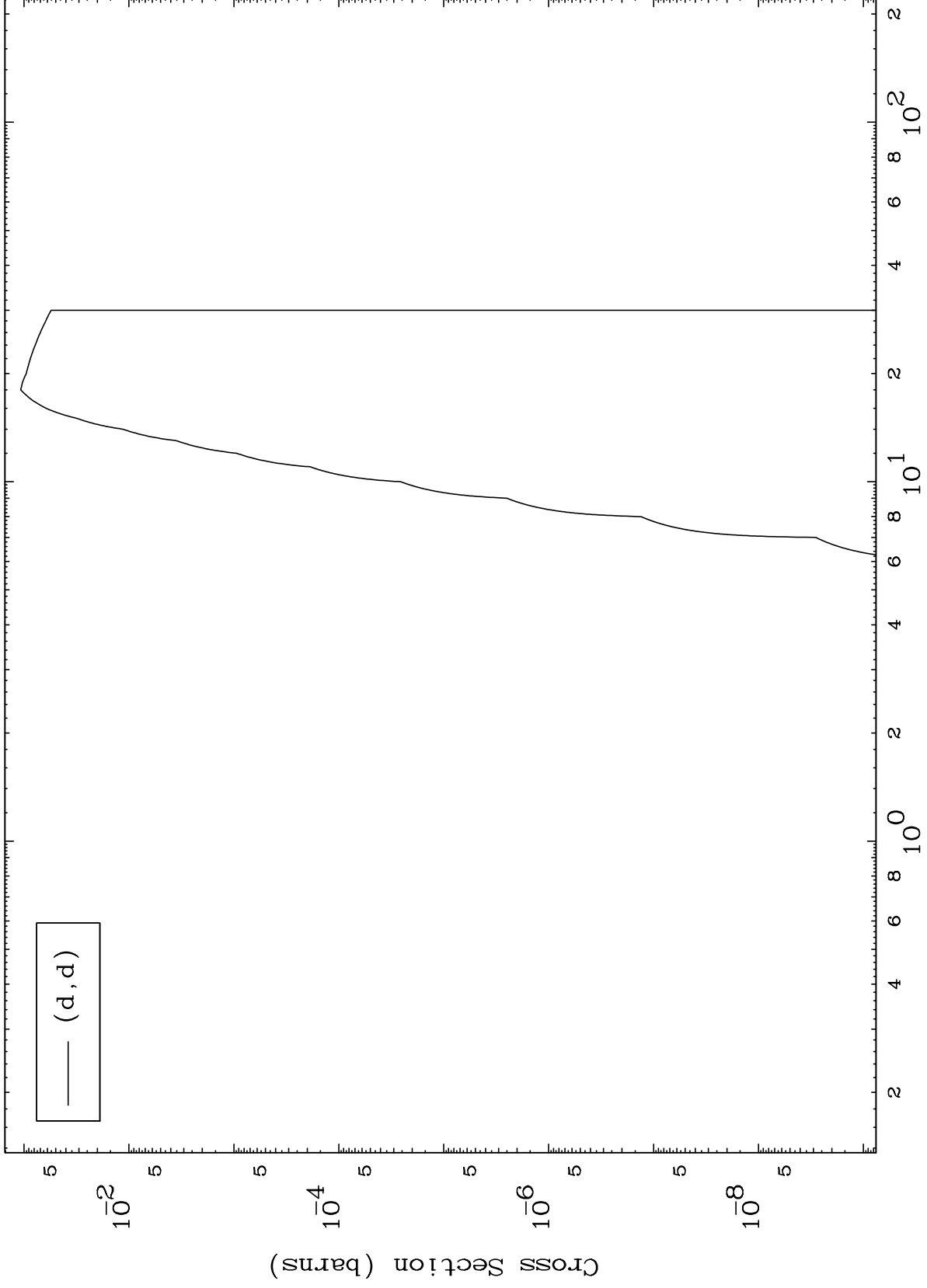
83-Bi-191



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(d,d) Levels
0 Kelvin Cross Sections

83-Bi-191



9

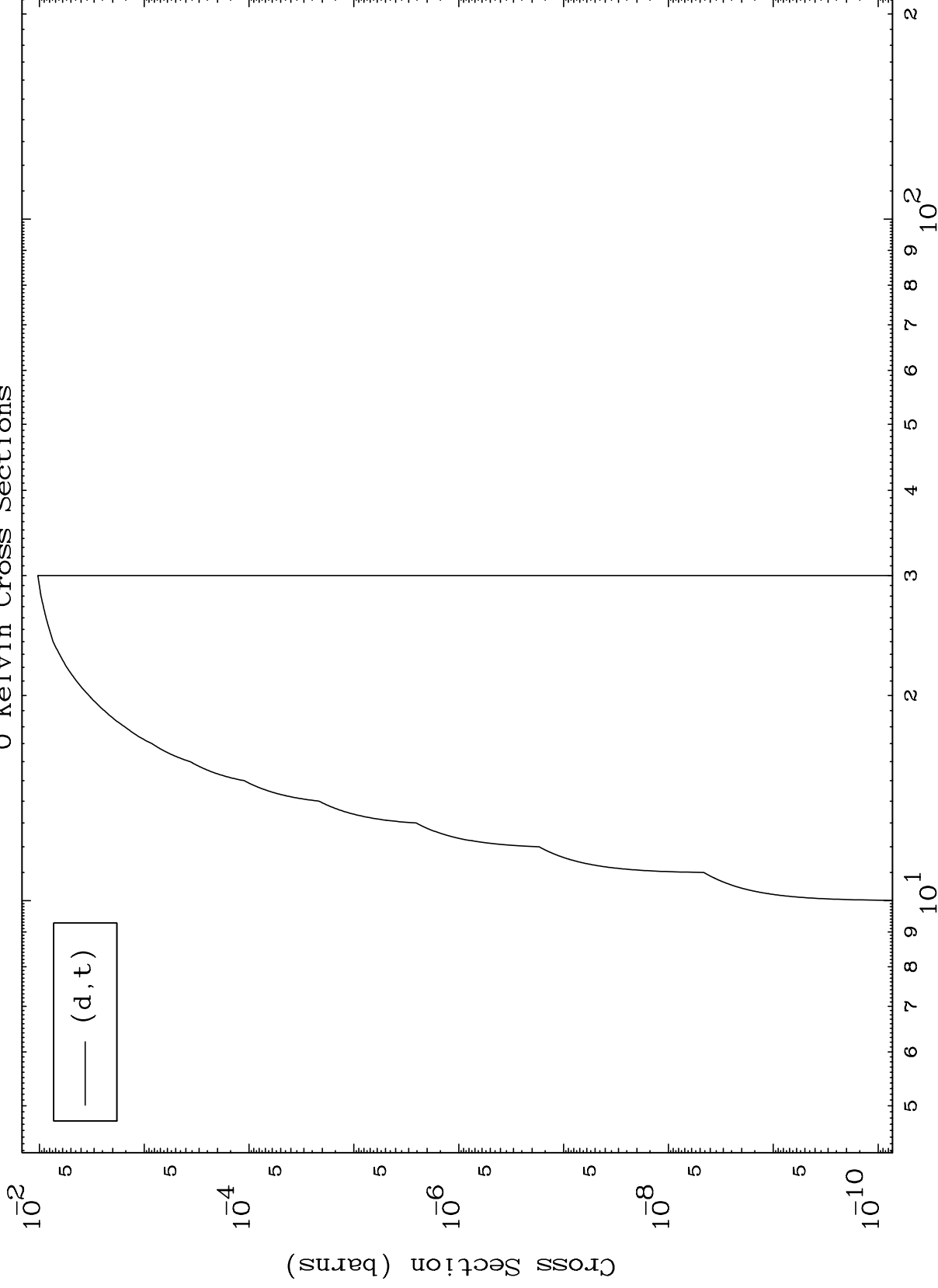
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

(d,t) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

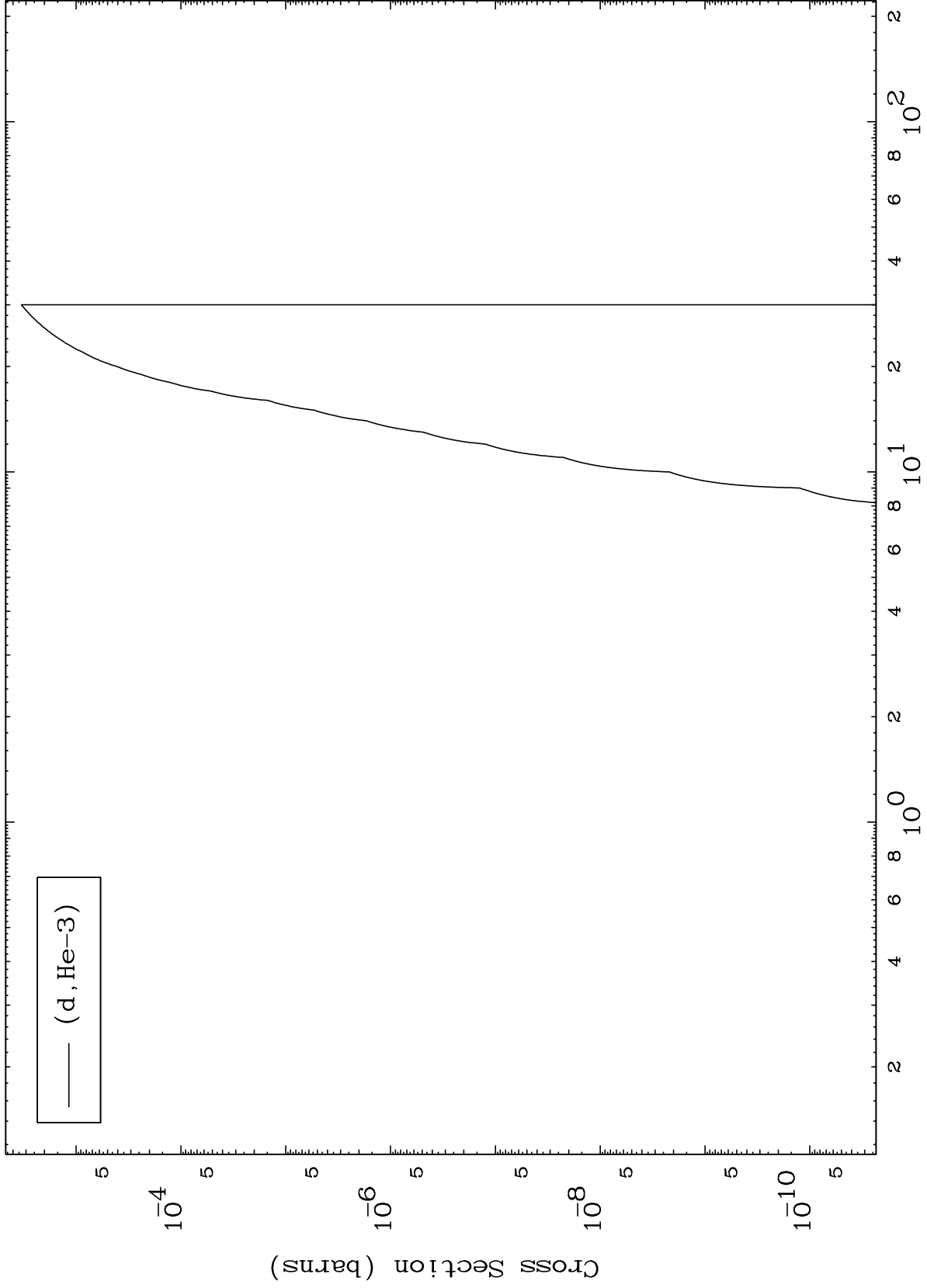
83-Bi-191

MAT 8271

(d,He3) Levels

83-Bi-191

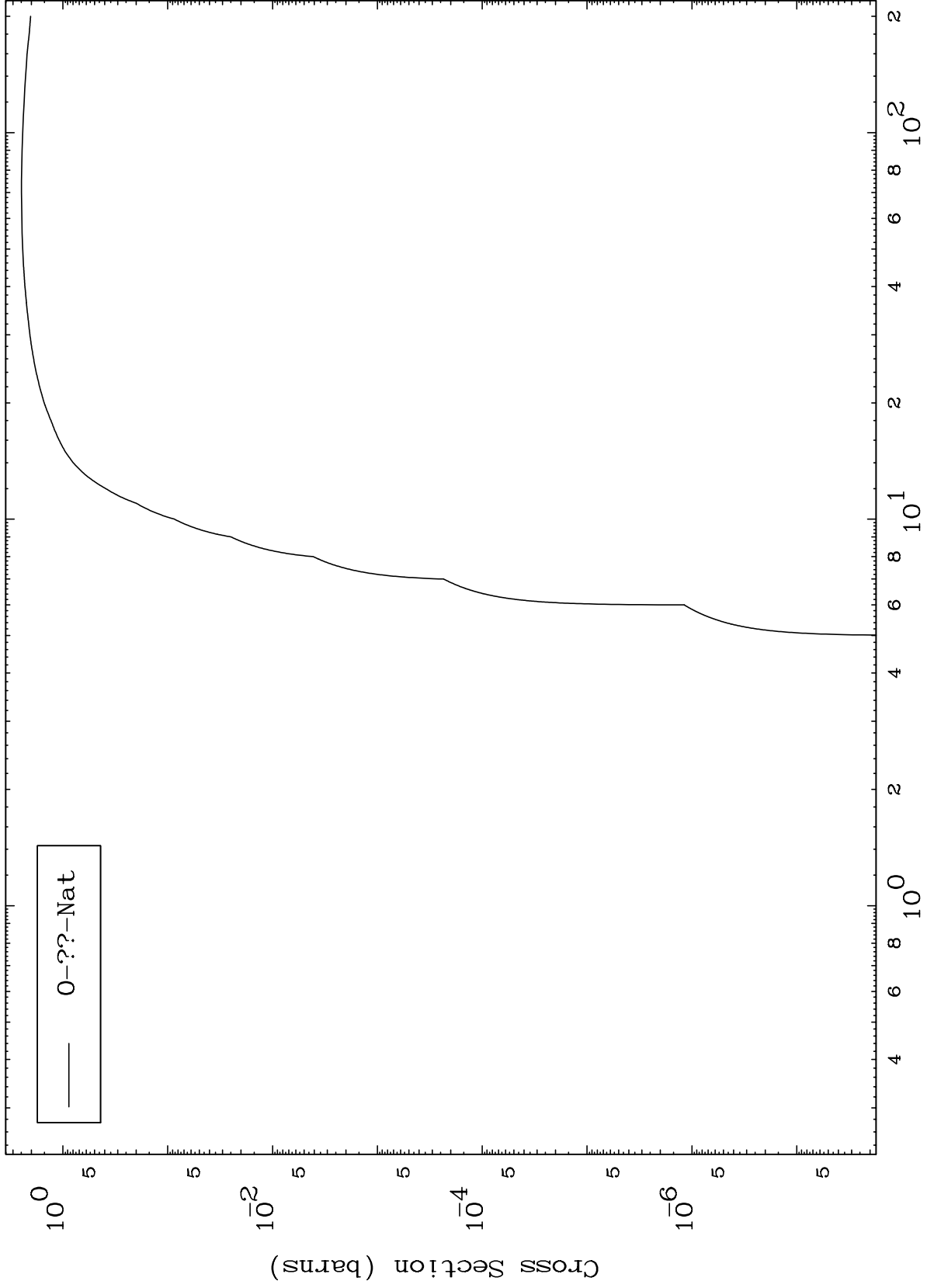
0 Kelvin Cross Sections



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83-Bi-191

Deuteron Fission
Radionuclide Production Cross Section

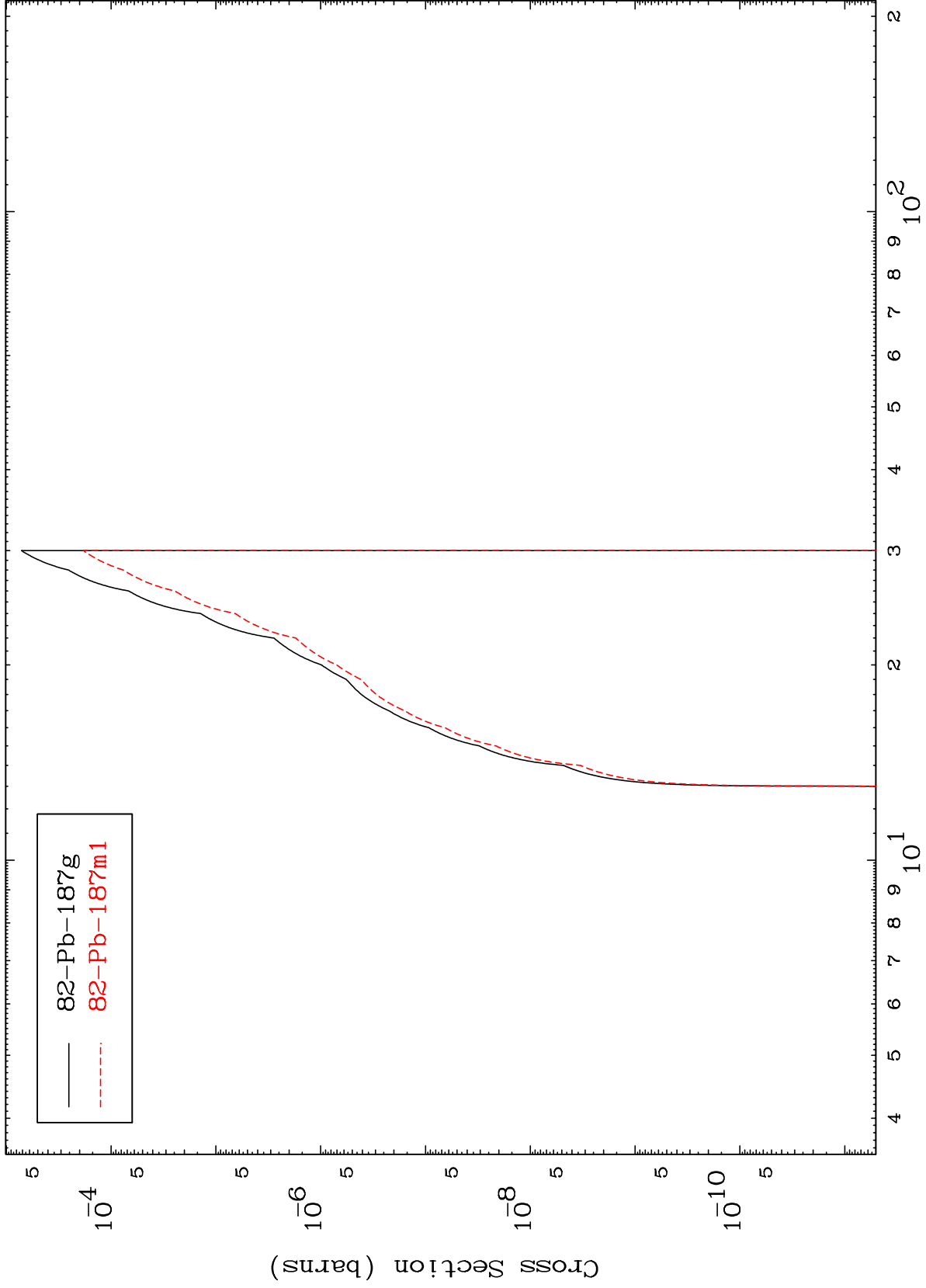


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$(d,2n) \alpha$

83-Bi-191

Radionuclide Production Cross Section



14

Incident Energy (MeV)

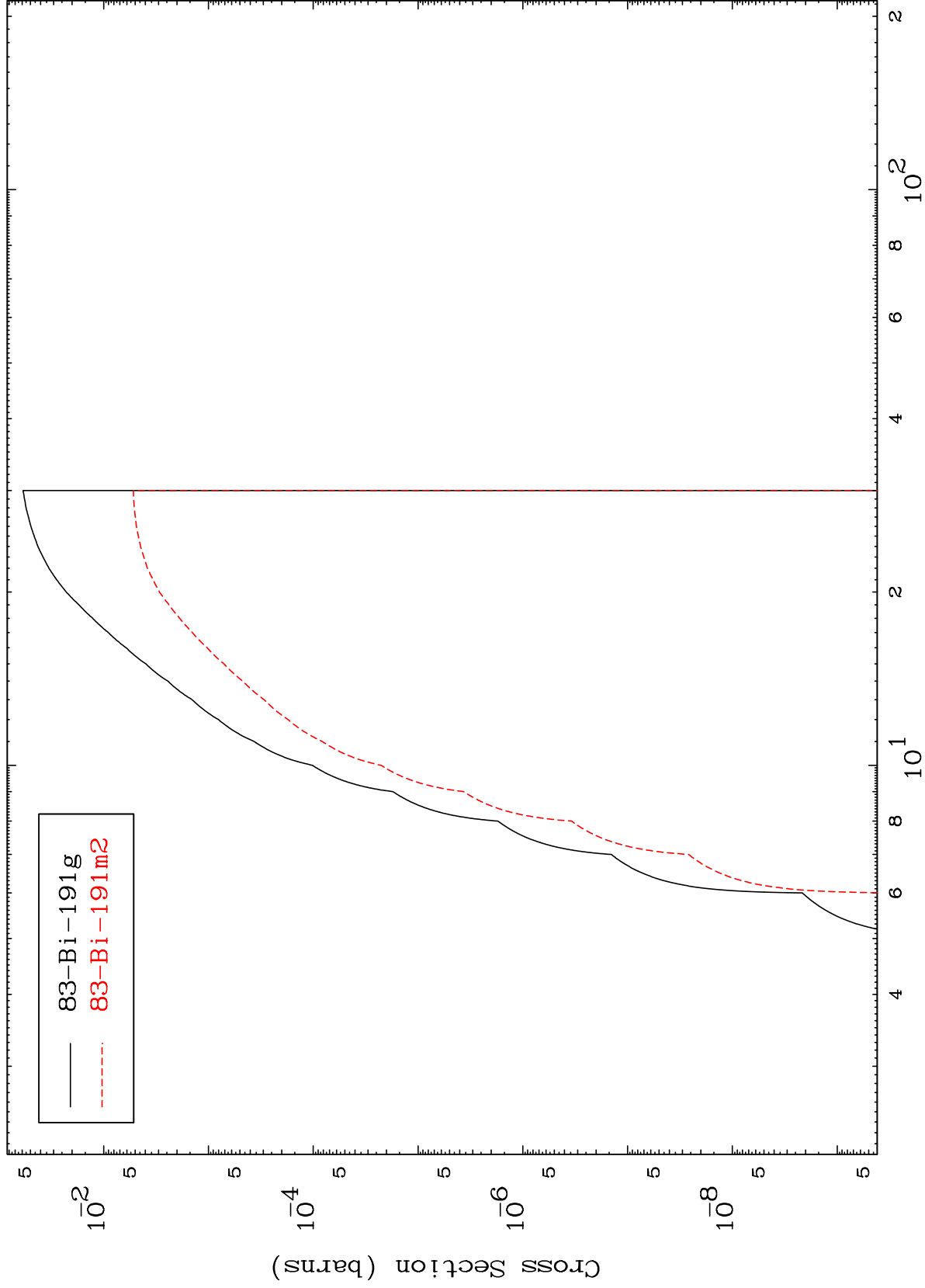
83-Bi-191

MAT 8271

(d,n') p

⁸³Bi-191

Radionuclide Production Cross Section



— 83-Bi-191 g
- - - 83-Bi-191 m2

15

Incident Energy (MeV)

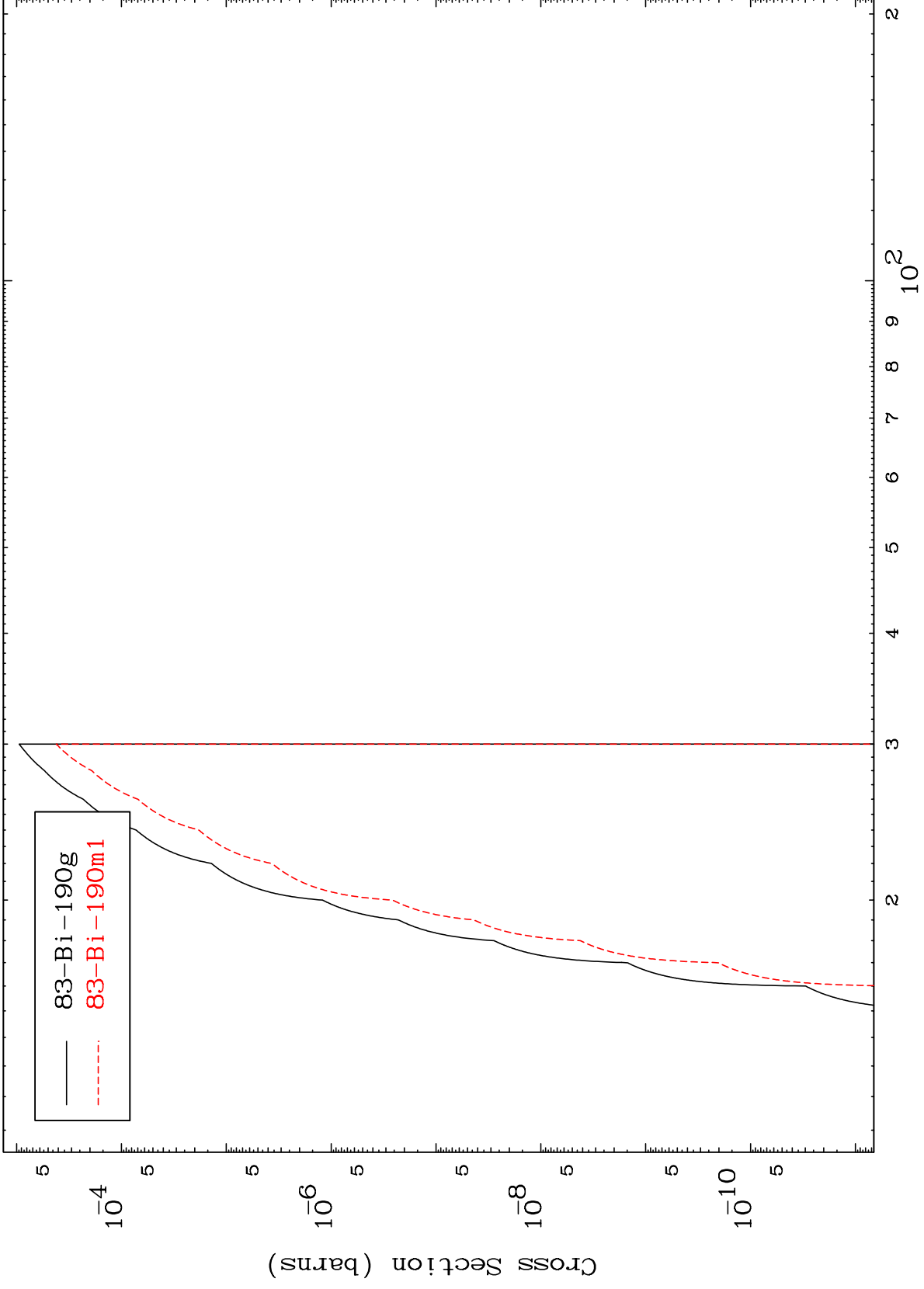
⁸³Bi-191

MAT 8271

(d,n') d

83-Bi-191

Radionuclide Production Cross Section



16

Incident Energy (MeV)

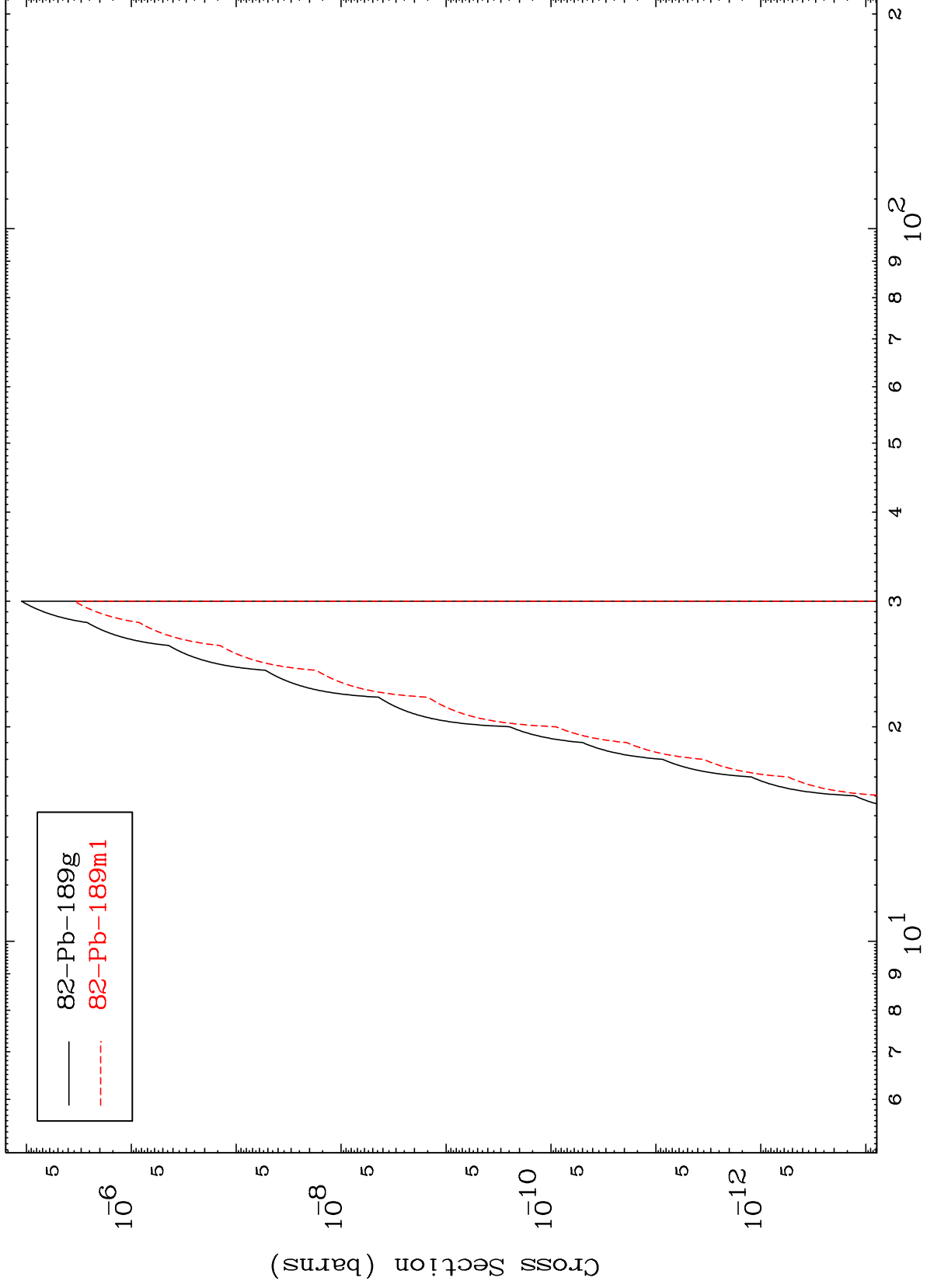
83-Bi-191

MAT 8271

(d,n') He-3

83-Bi-191

Radionuclide Production Cross Section

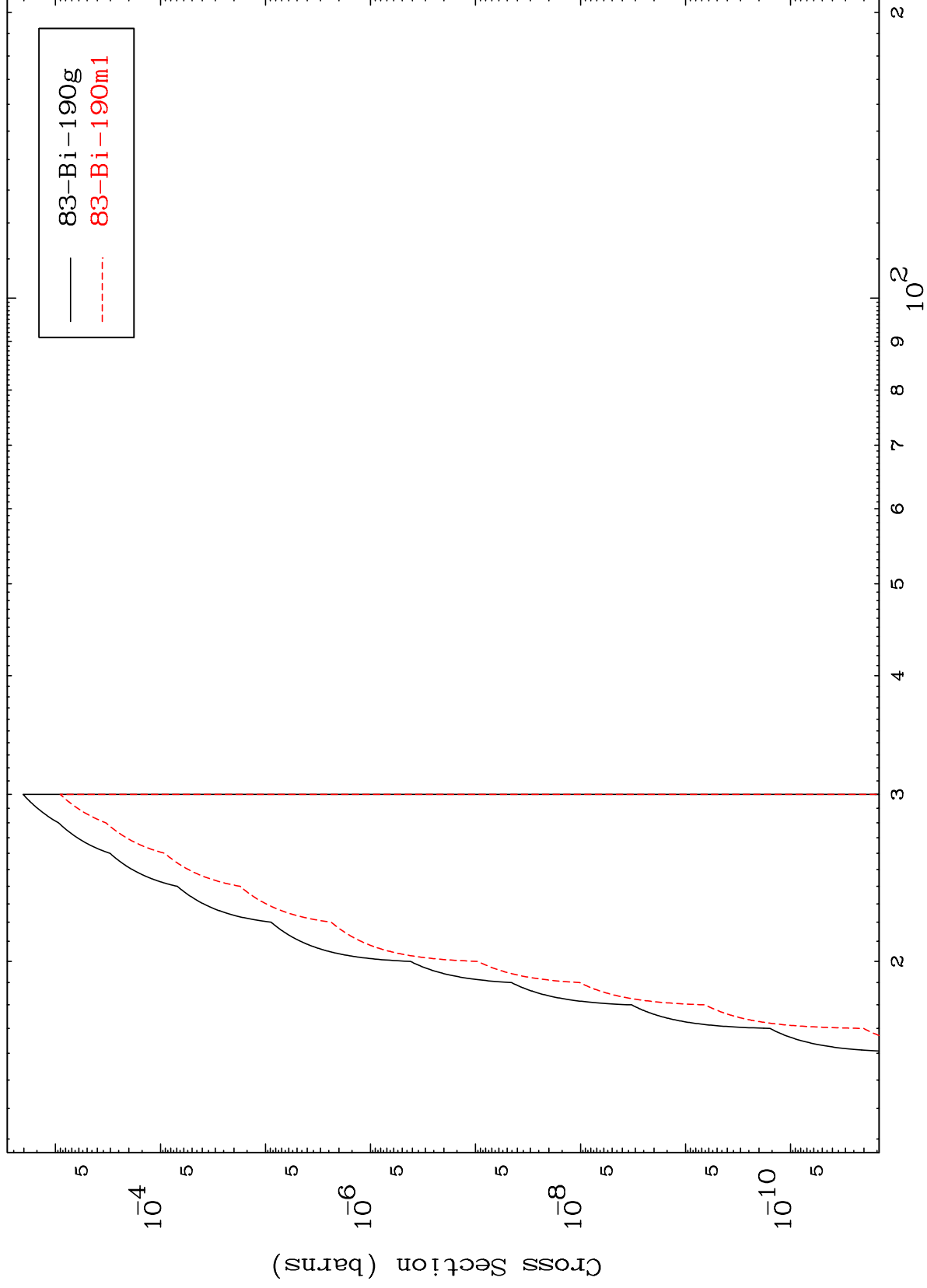


17

Incident Energy (MeV)

83-Bi-191

(d,2n) p
Radionuclide Production Cross Section

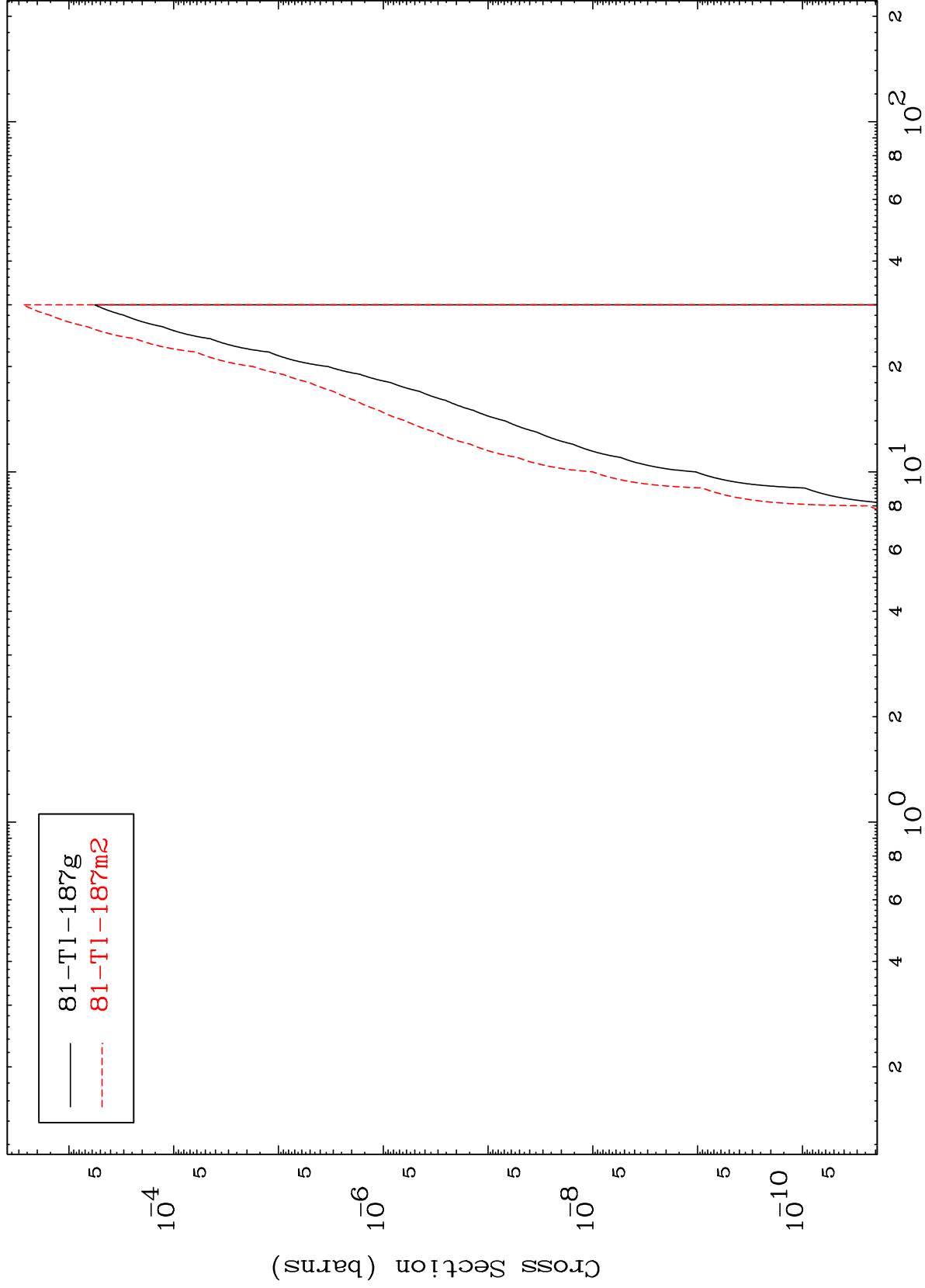


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(d,n') p α

83-Bi-191

Radionuclide Production Cross Section



19

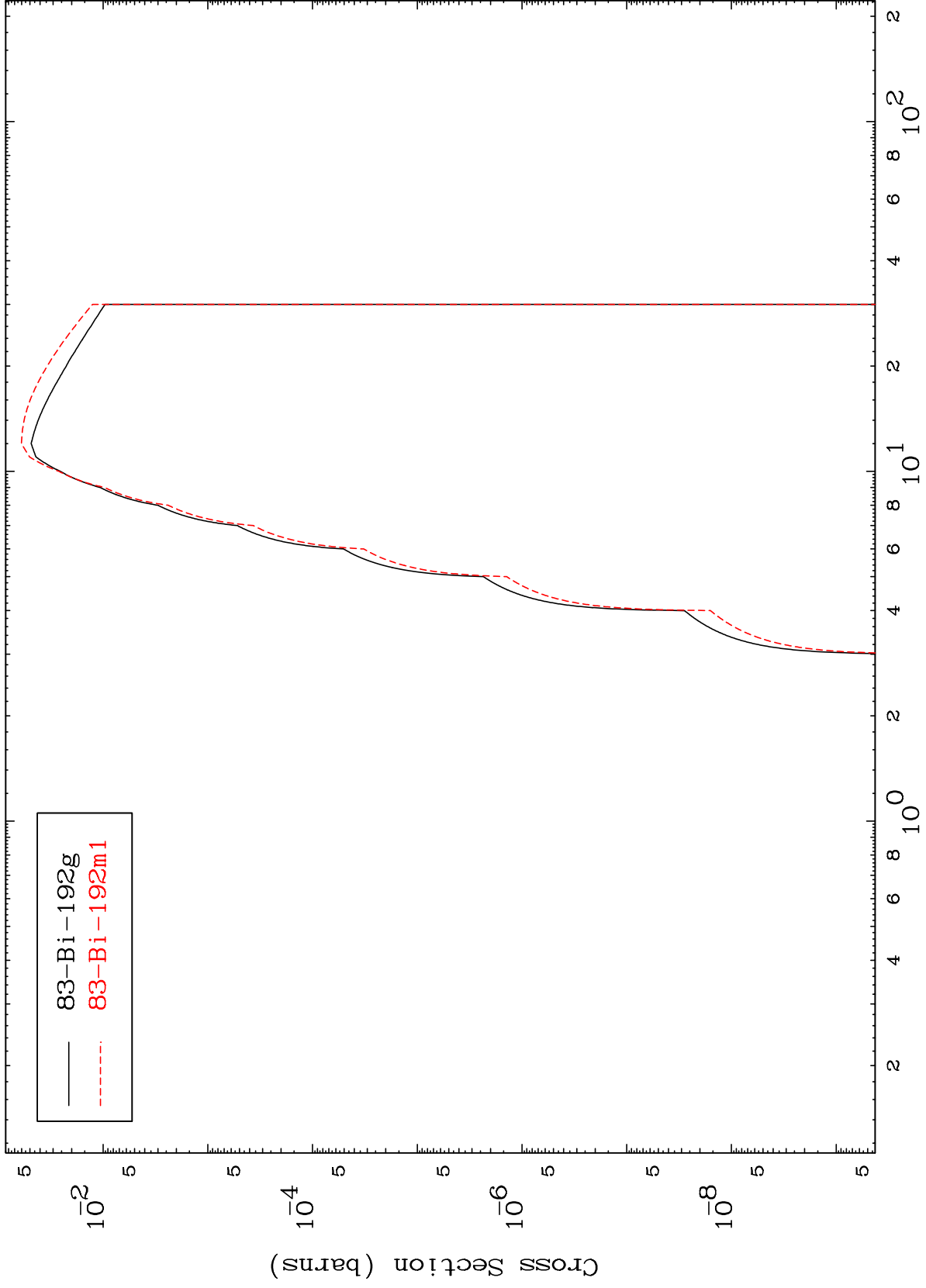
Incident Energy (MeV)

83-Bi-191

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83-Bi-191

(d,p)
Radionuclide Production Cross Section



83-Bi-192g
83-Bi-192m1

20

83-Bi-191

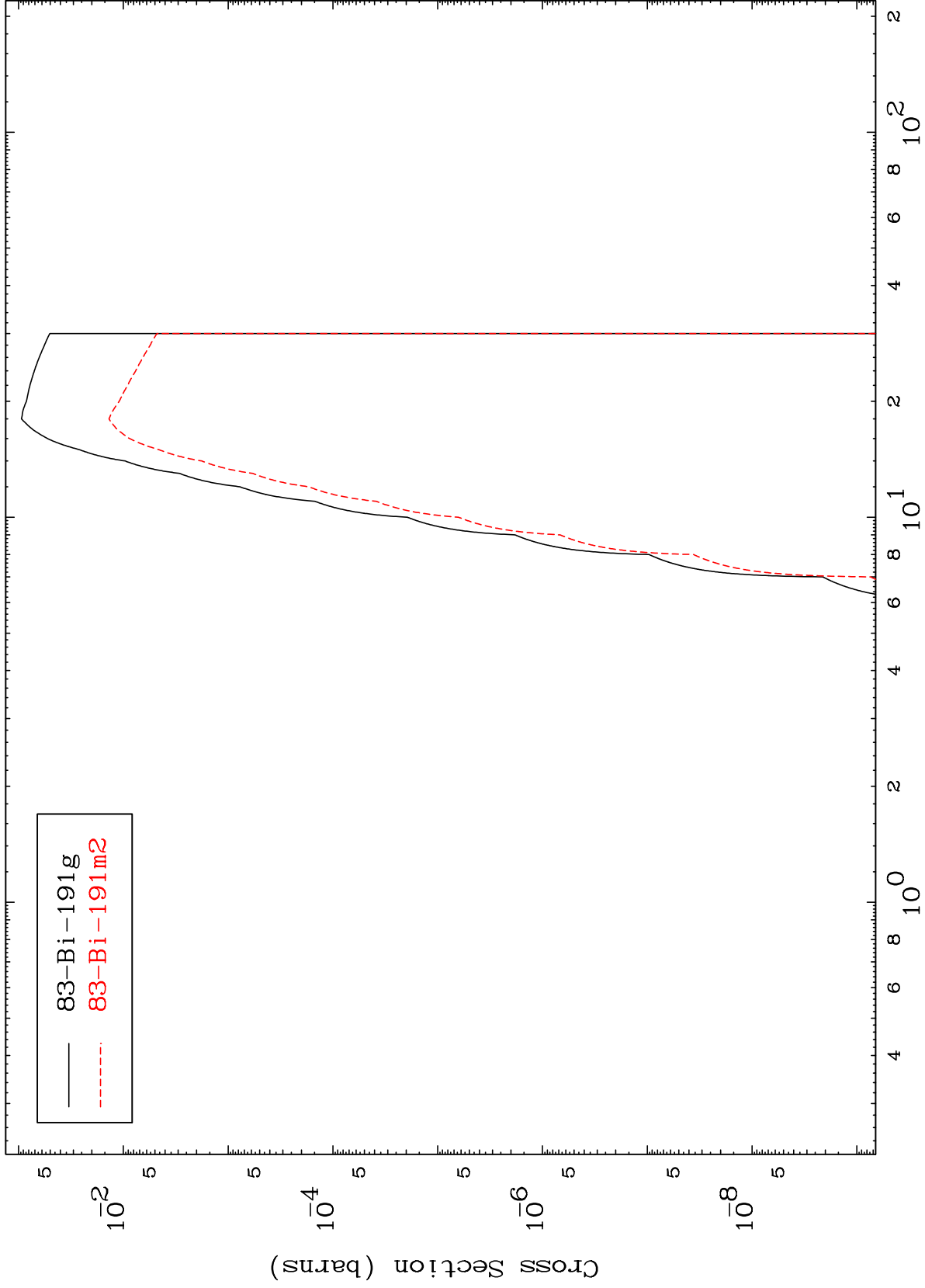
Incident Energy (MeV)

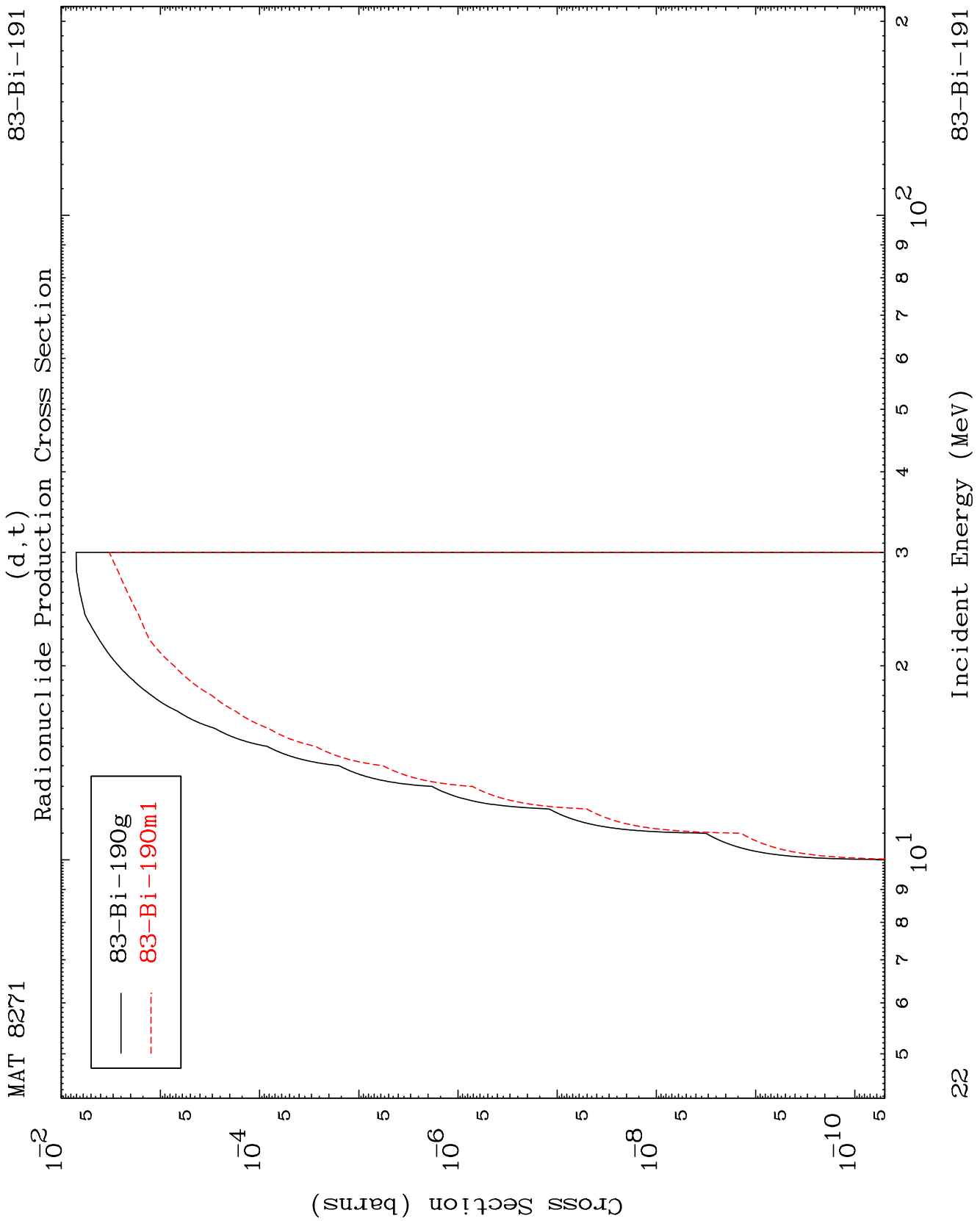
MAT 8271

(d,d)

83-Bi-191

Radionuclide Production Cross Section

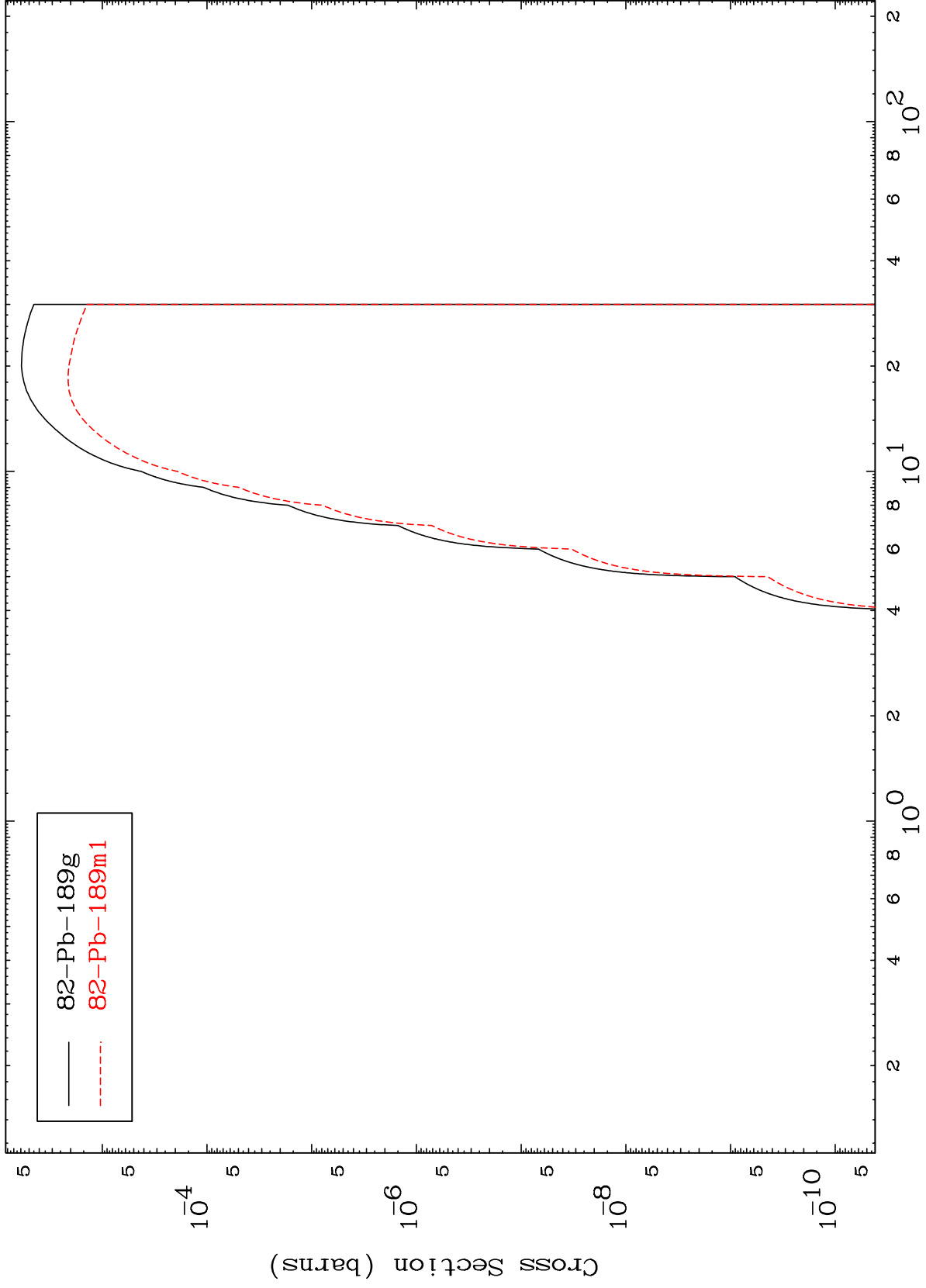




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83-Bi-191

(d, α)
Radionuclide Production Cross Section



23

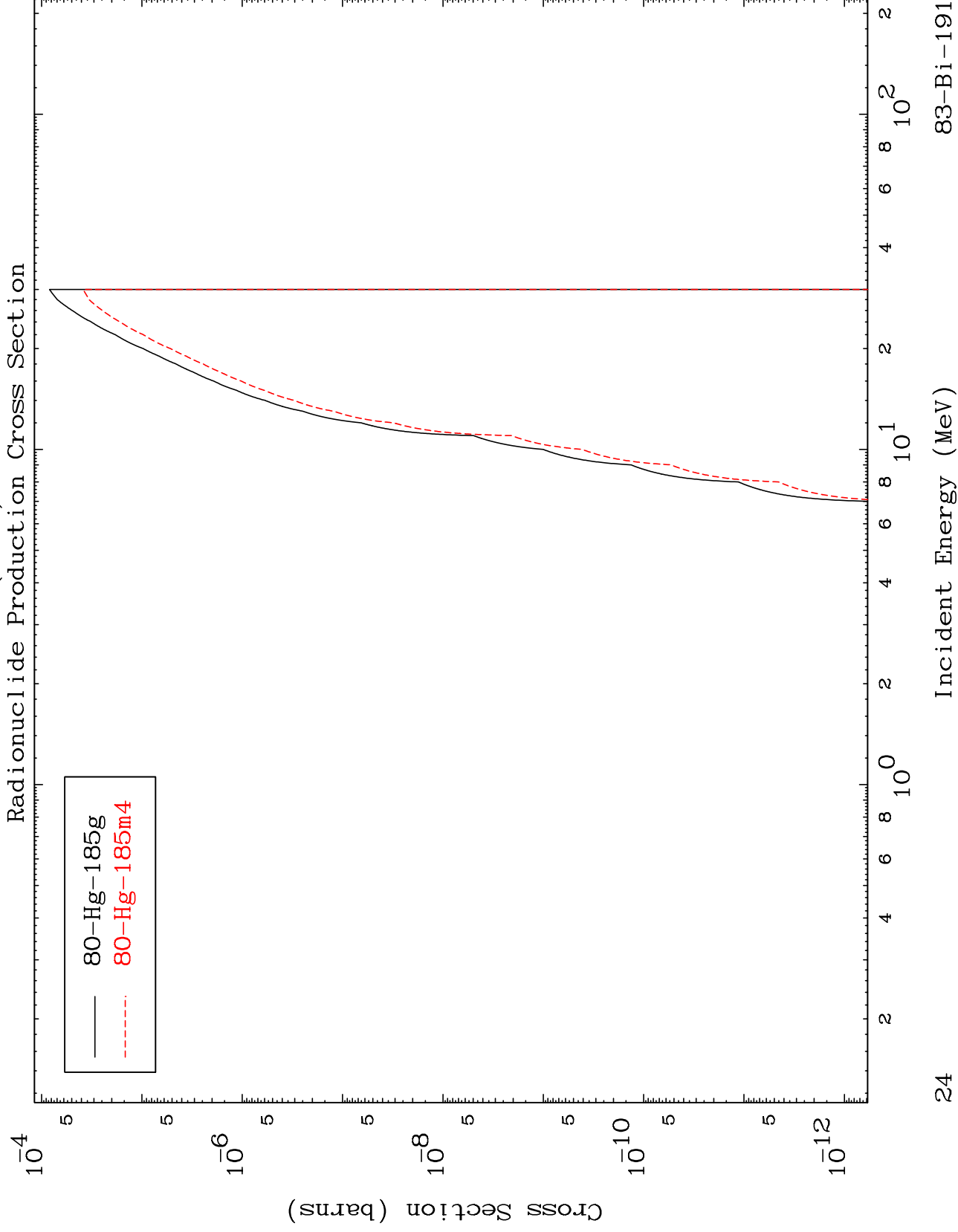
83-Bi-191

Incident Energy (MeV)

MAT 8271

(d,2 α)

83-Bi-191

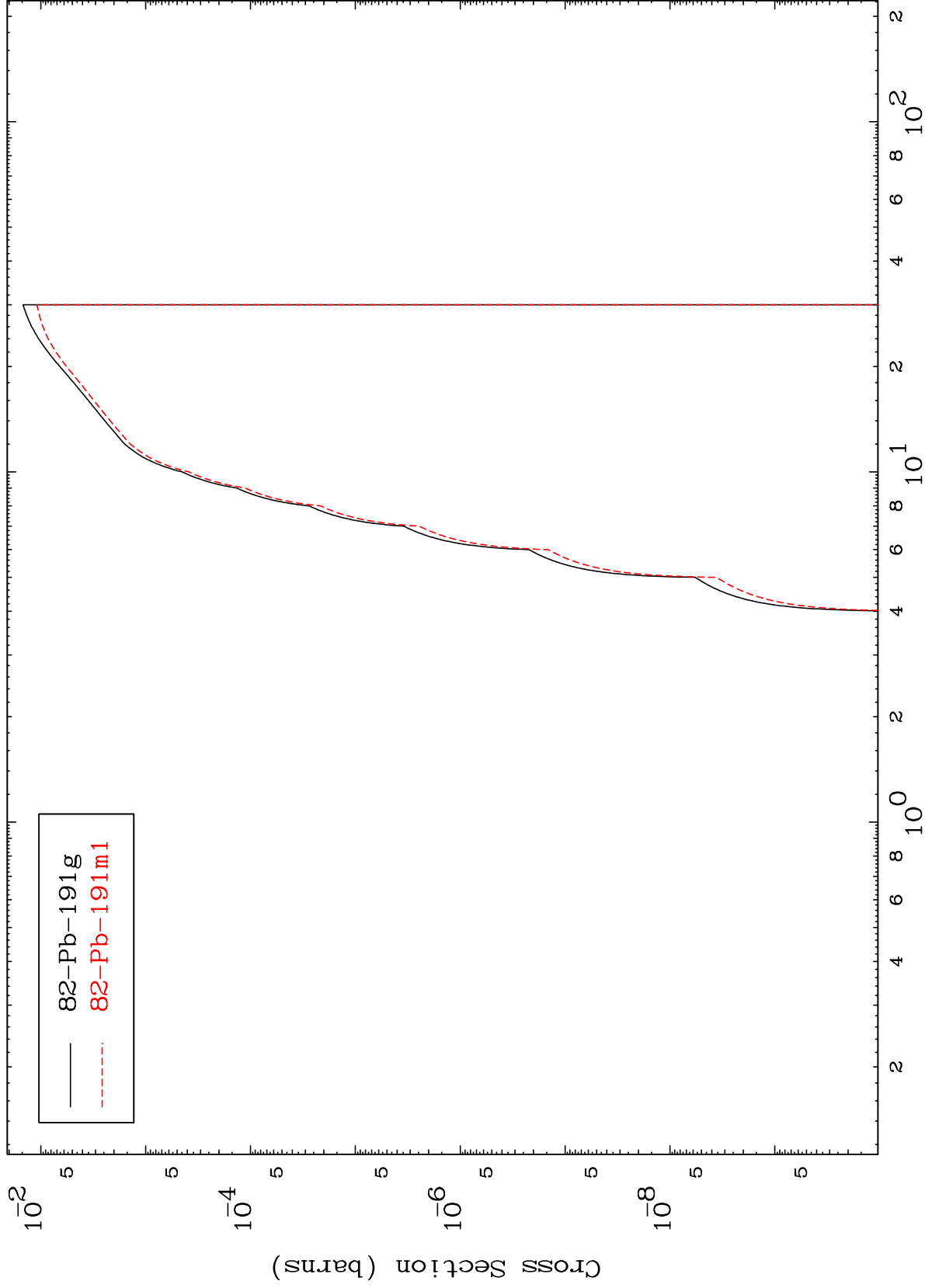


24

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83-Bi-191

(d,2p)
Radionuclide Production Cross Section



25

83-Bi-191

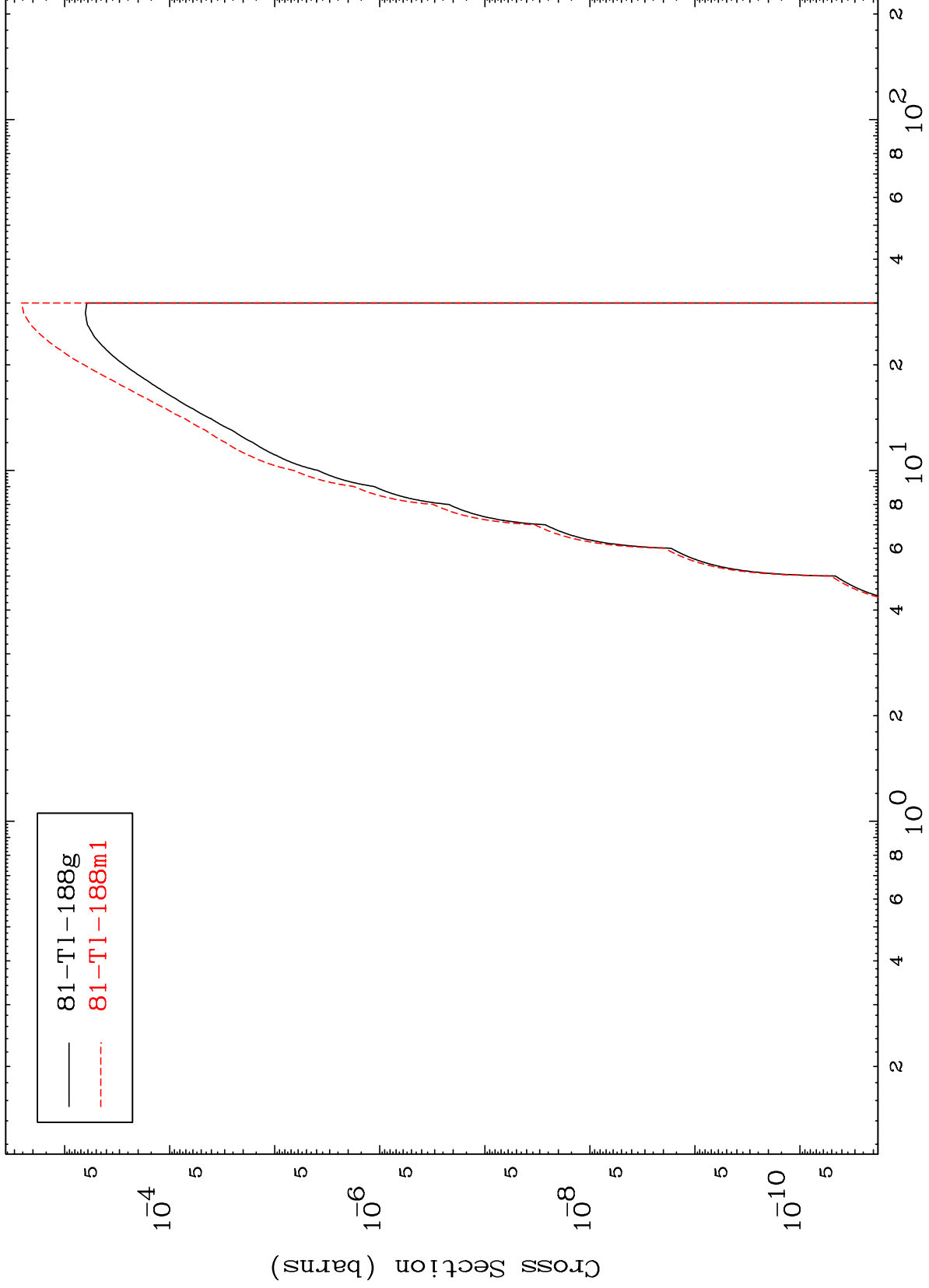
Incident Energy (MeV)

MAT 8271

(d,p) α

83-Bi-191

Radionuclide Production Cross Section



26

Incident Energy (MeV)

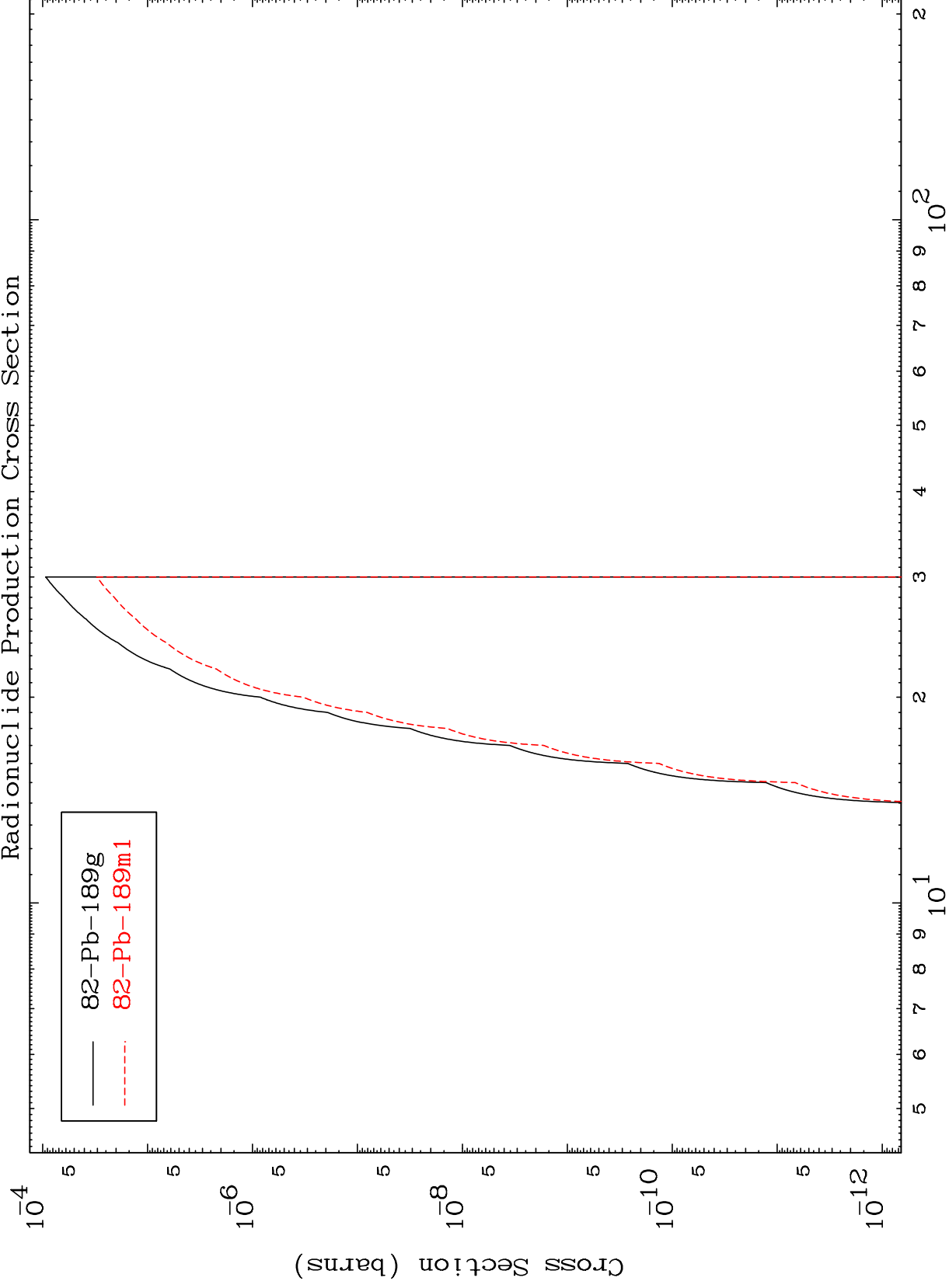
83-Bi-191

MAT 8271

(d,p) t

83-Bi-191

Radionuclide Production Cross Section



27

Incident Energy (MeV)

83-Bi-191

MAT 8271

(d,d) α

83-Bi-191

