

Program EVALPLOT
(Version 2018-1)

by

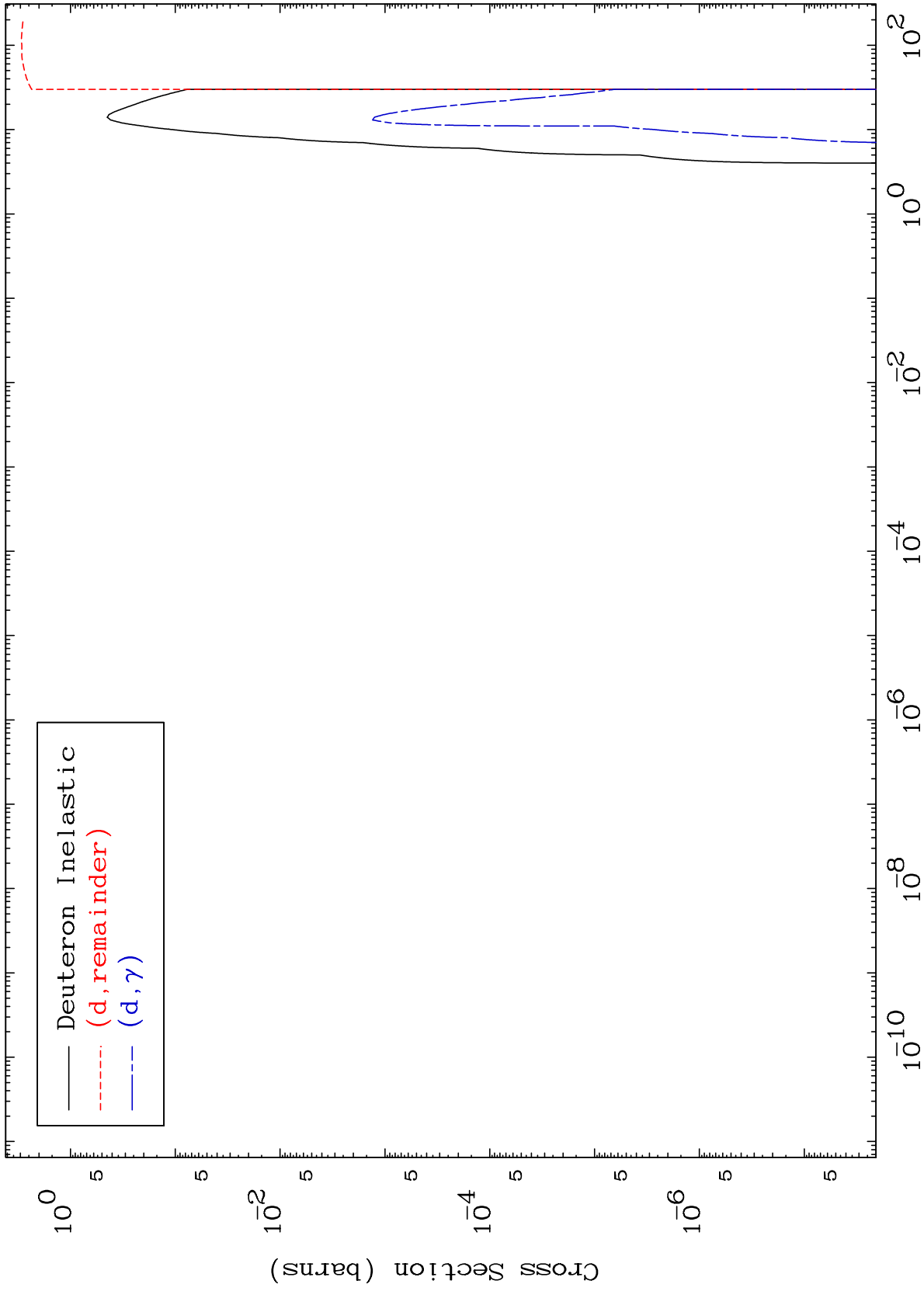
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(Present Contact Information)

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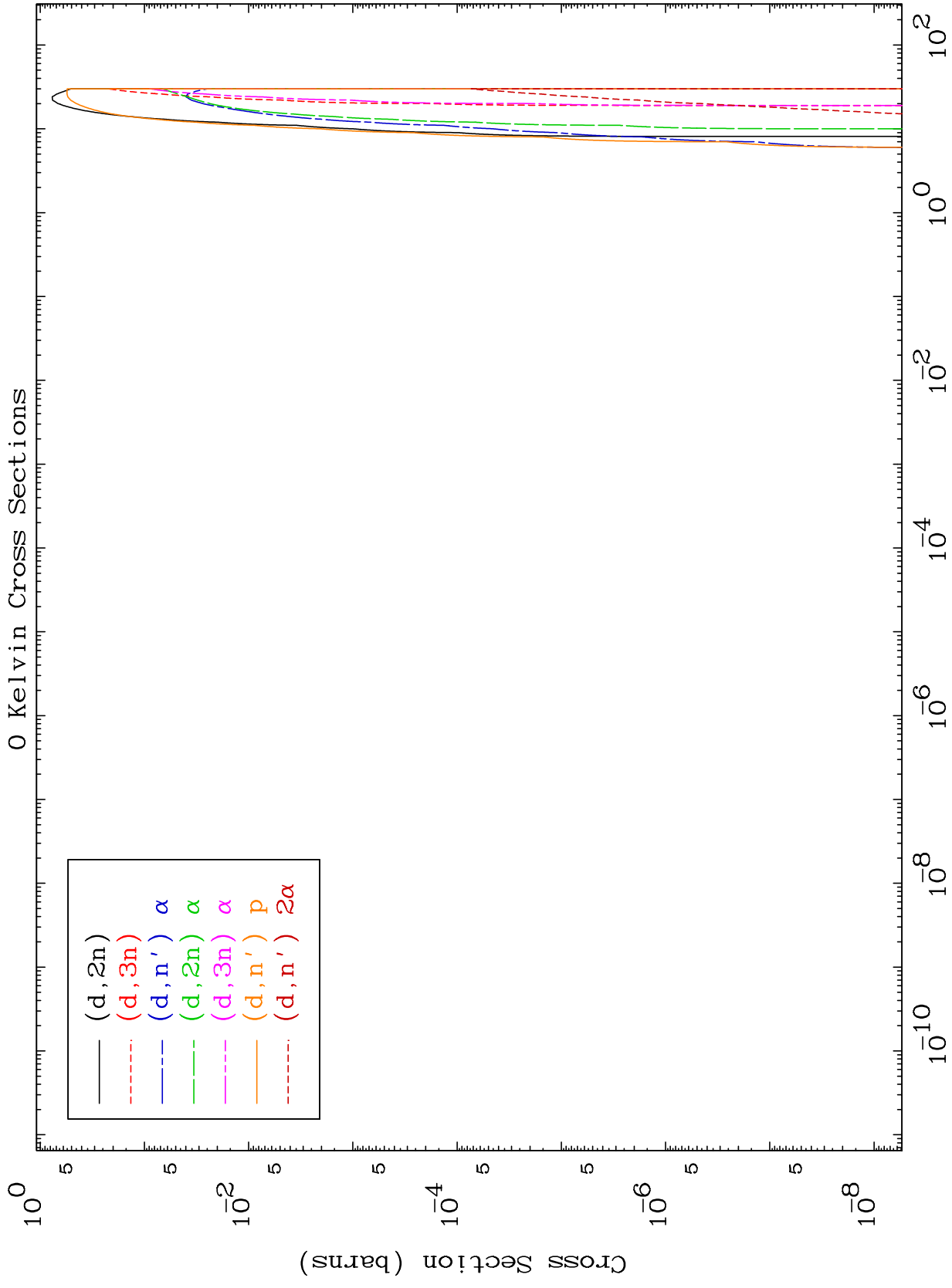
Press Mouse Button to Start



MAT 8280

Deuteron Neutron Production
0 Kelvin Cross Sections

83-Bi-194



2

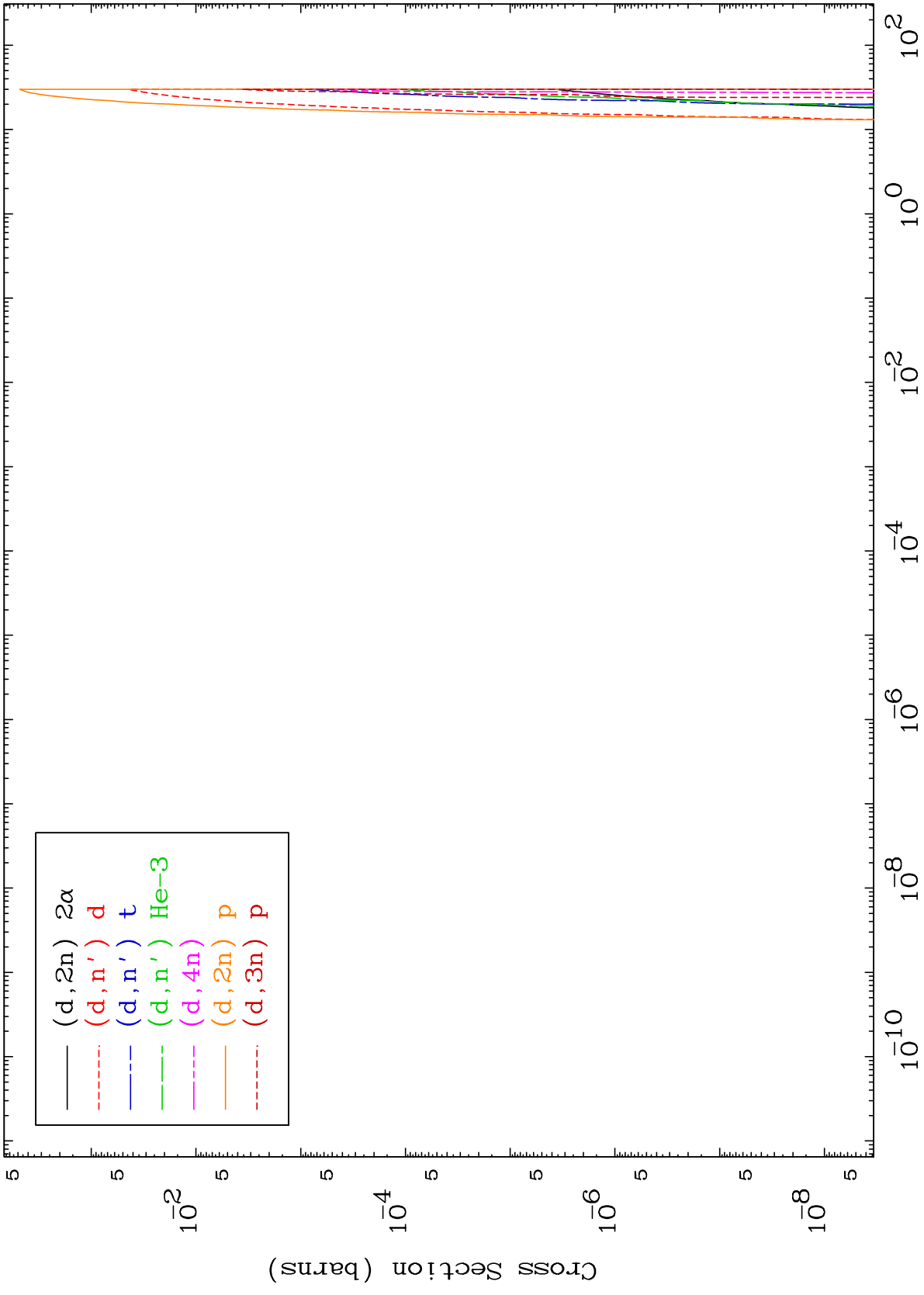
Incident Energy (MeV)

83-Bi-194

MAT 8280

Deuteron Neutron Production
0 Kelvin Cross Sections

83-Bi-194



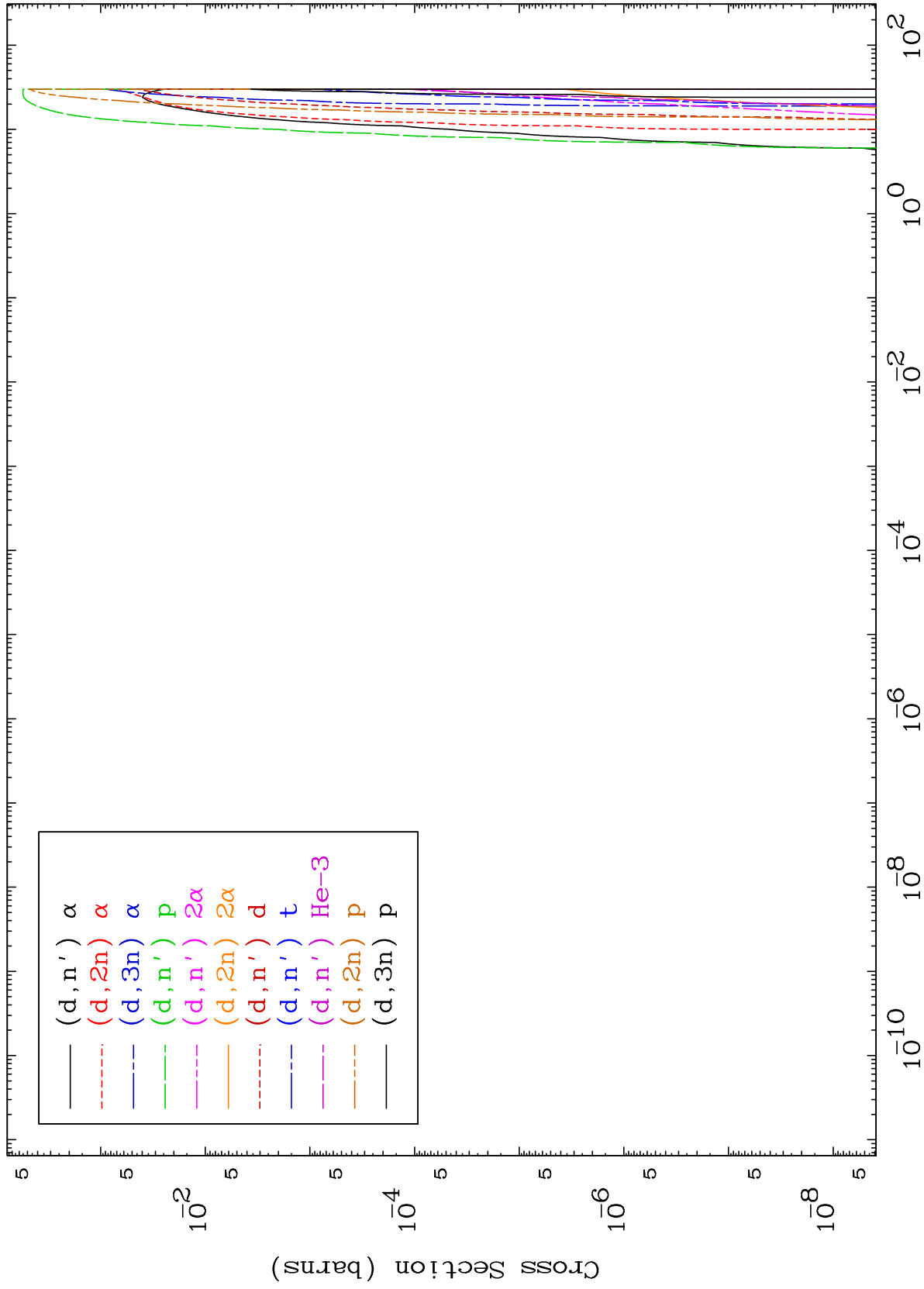
3

83-Bi-194

MAT 8280

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-194



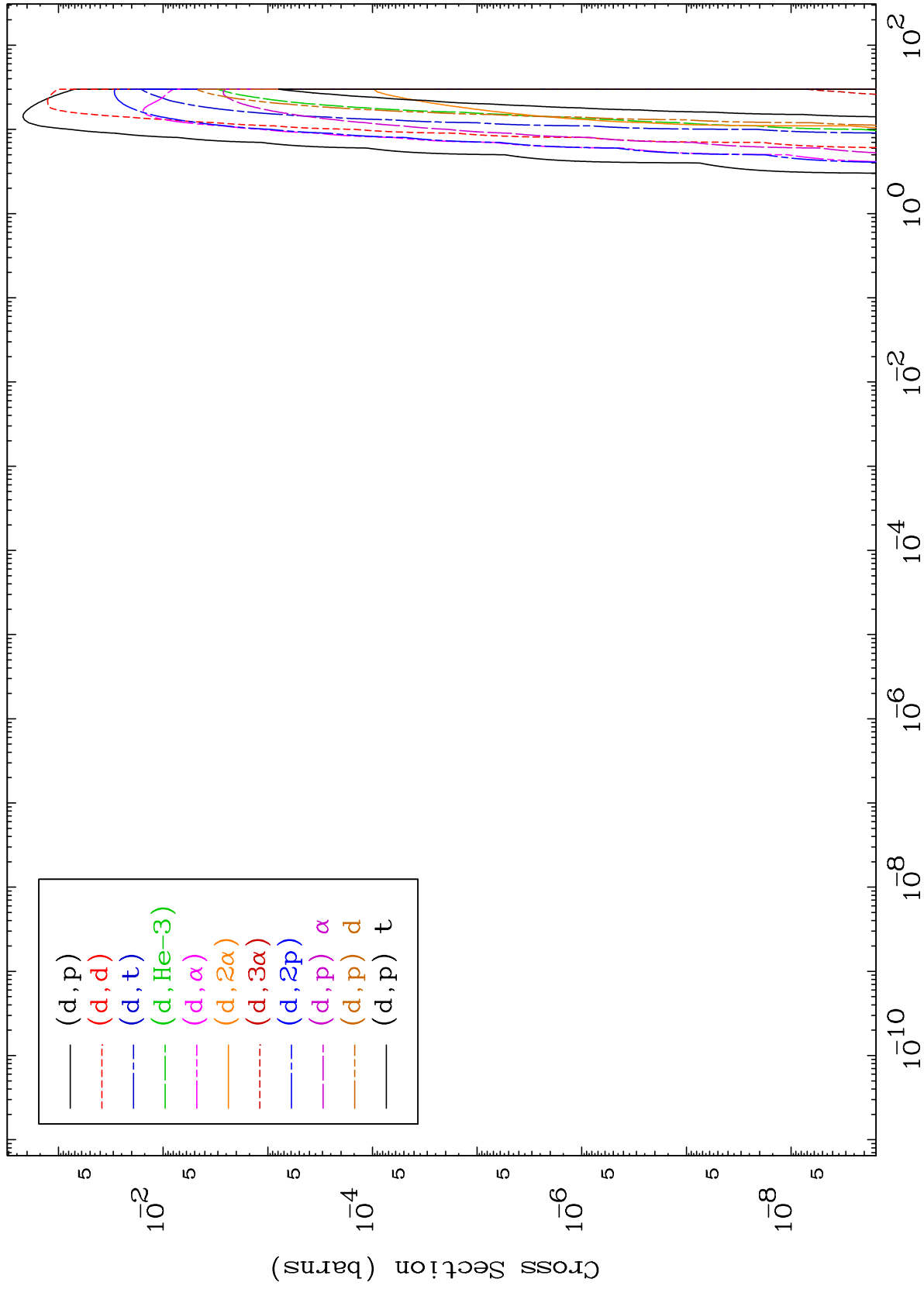
83-Bi-194

Incident Energy (MeV)

MAT 8280

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-194



5

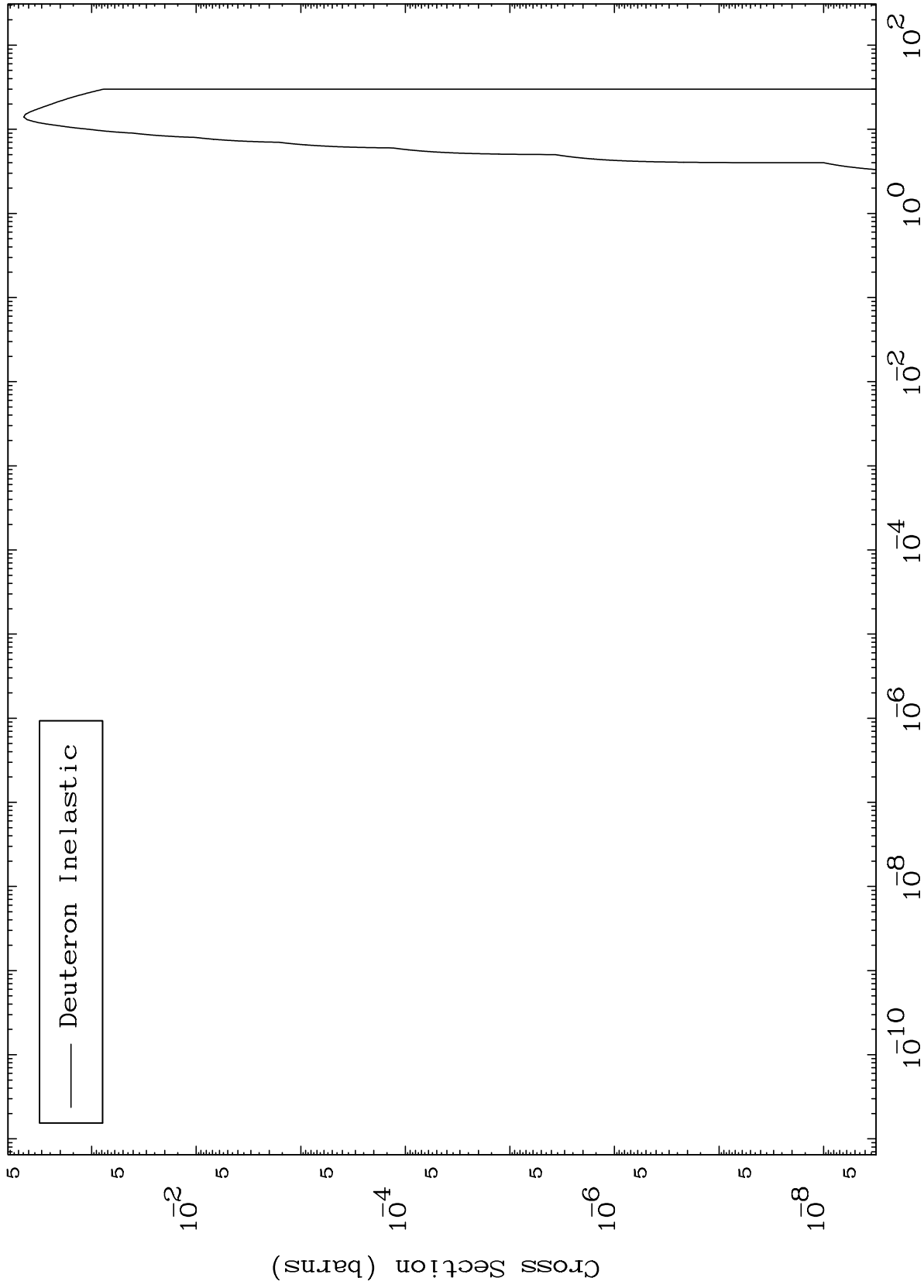
Incident Energy (MeV)

83-Bi-194

MAT 8280

(d,n') Level
0 Kelvin Cross Sections

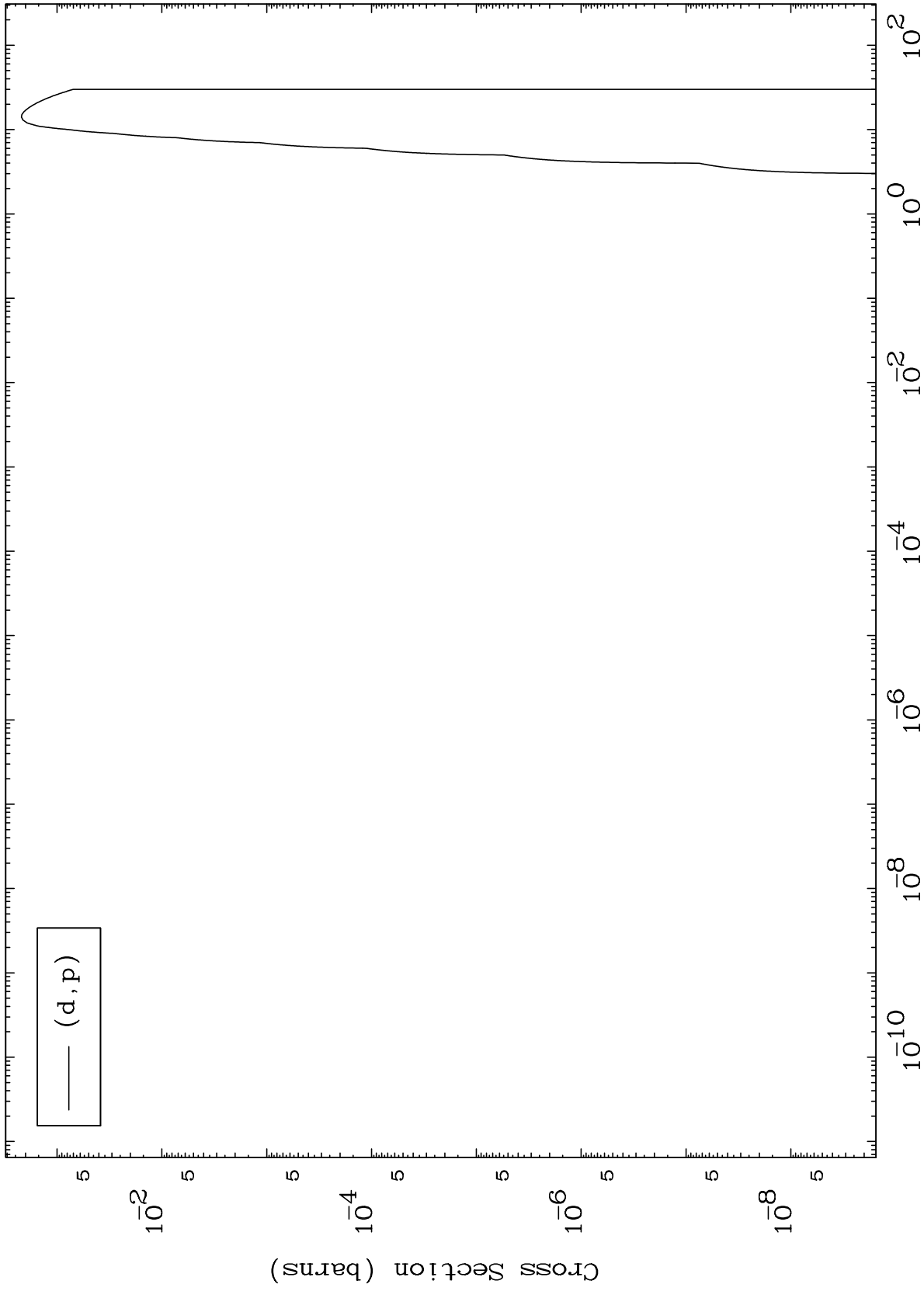
83-Bi-194



MAT 8280

(d,p) Levels
0 Kelvin Cross Sections

83-Bi-194



7

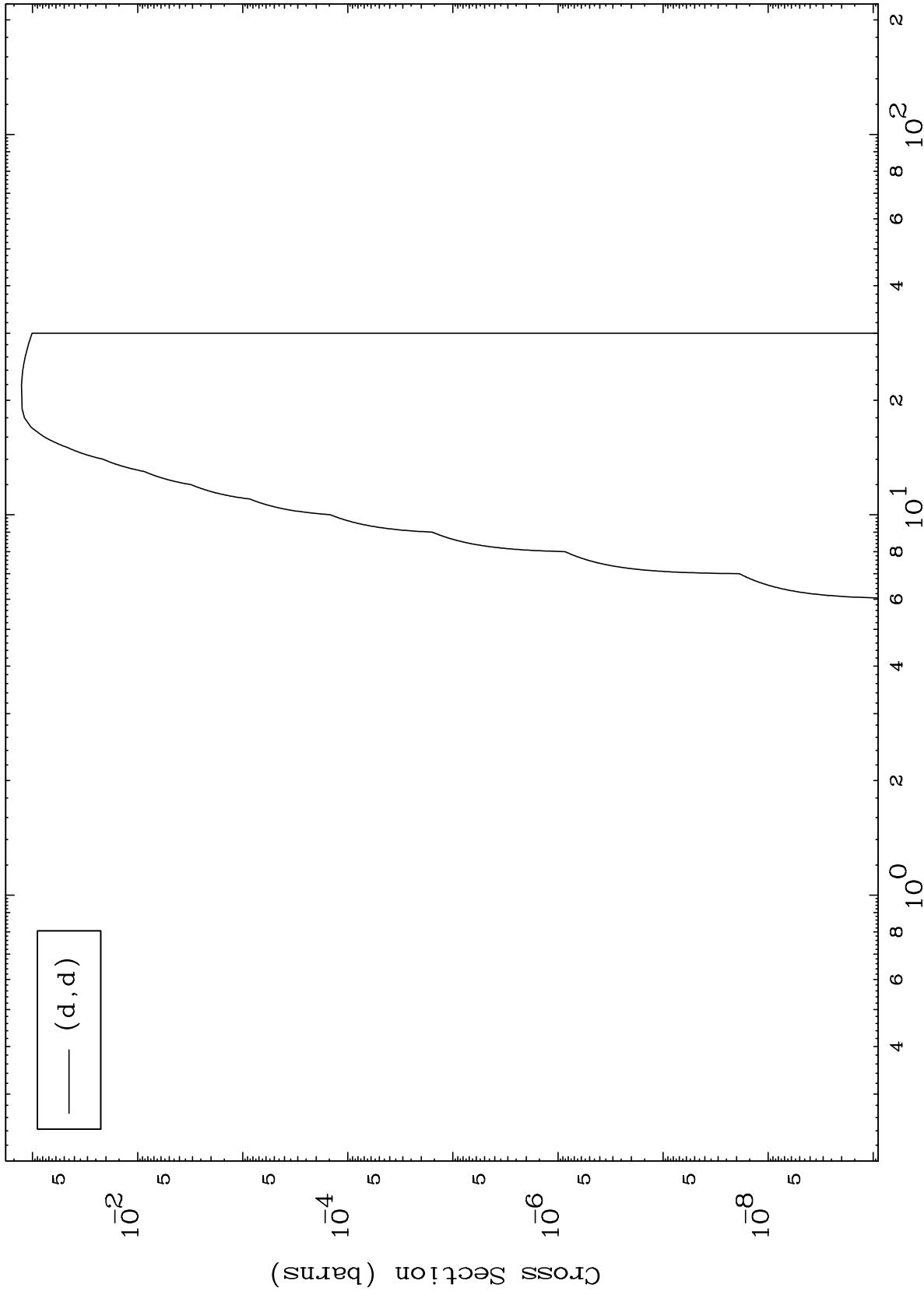
Incident Energy (MeV)

83-Bi-194

MAT 8280

(d,d) Levels
0 Kelvin Cross Sections

83-Bi-194



8

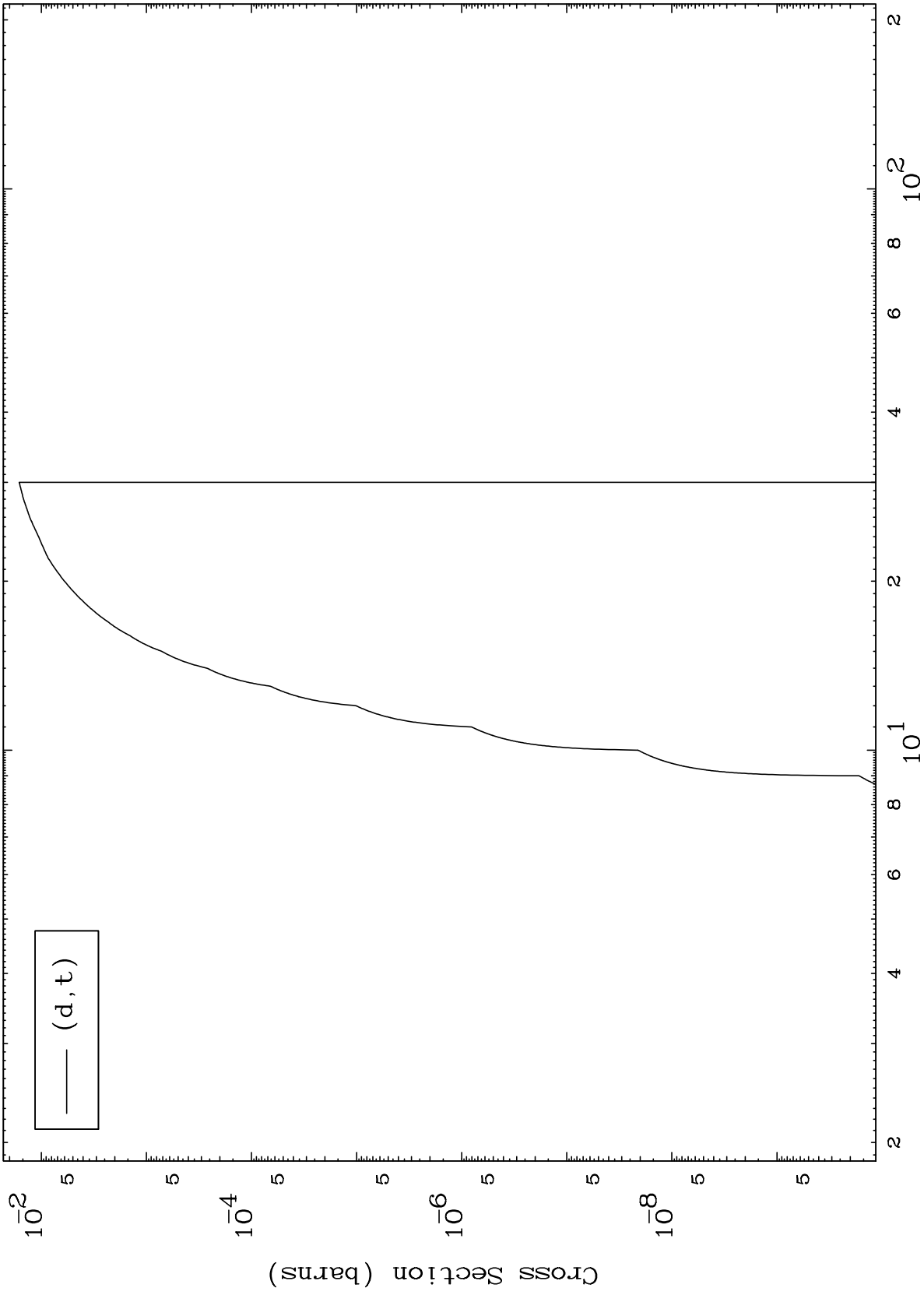
Incident Energy (MeV)

83-Bi-194

MAT 8280

(d,t) Levels
0 Kelvin Cross Sections

83-Bi-194



9

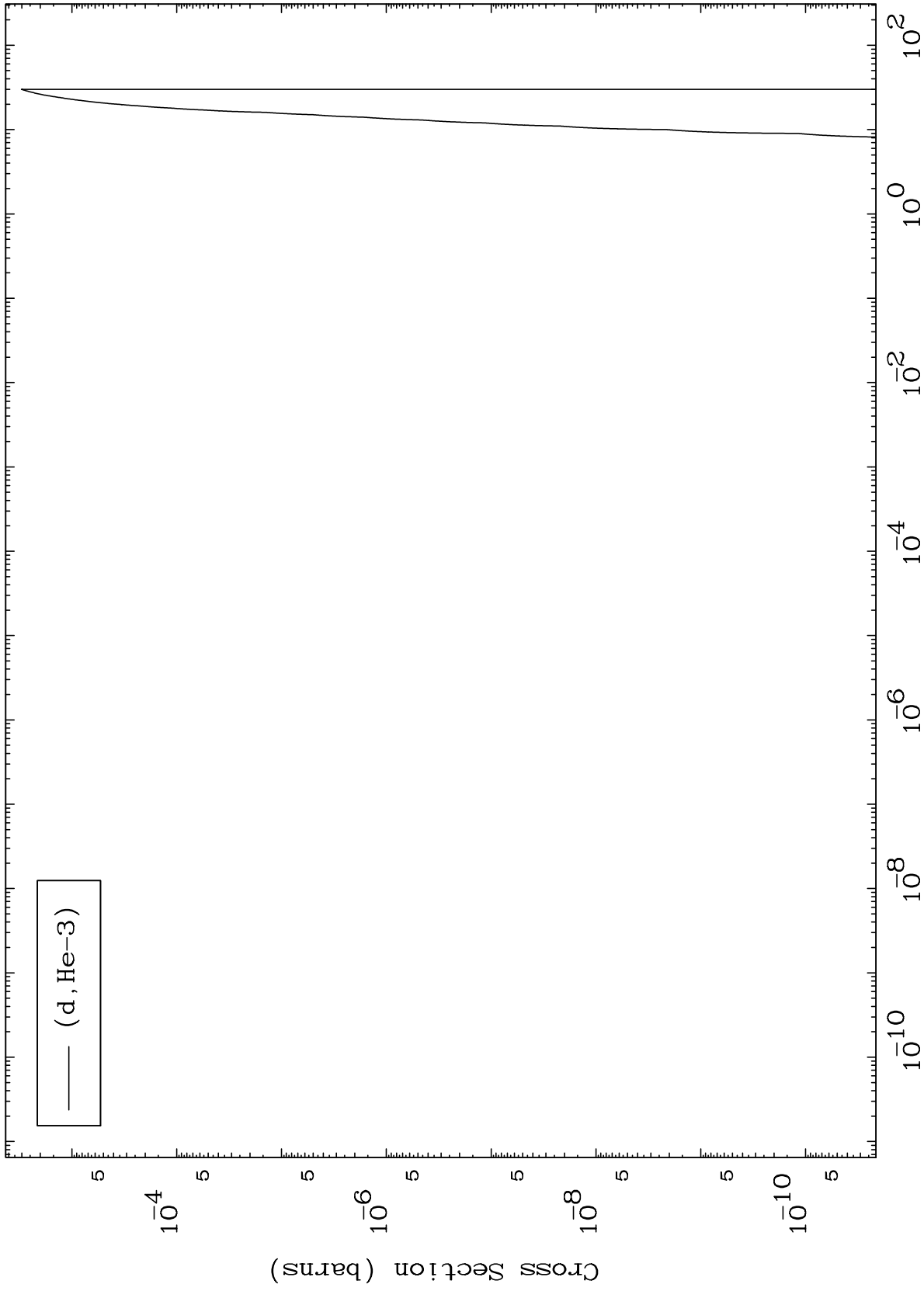
Incident Energy (MeV)

83-Bi-194

MAT 8280

(d,He3) Levels
0 Kelvin Cross Sections

83-Bi-194



10

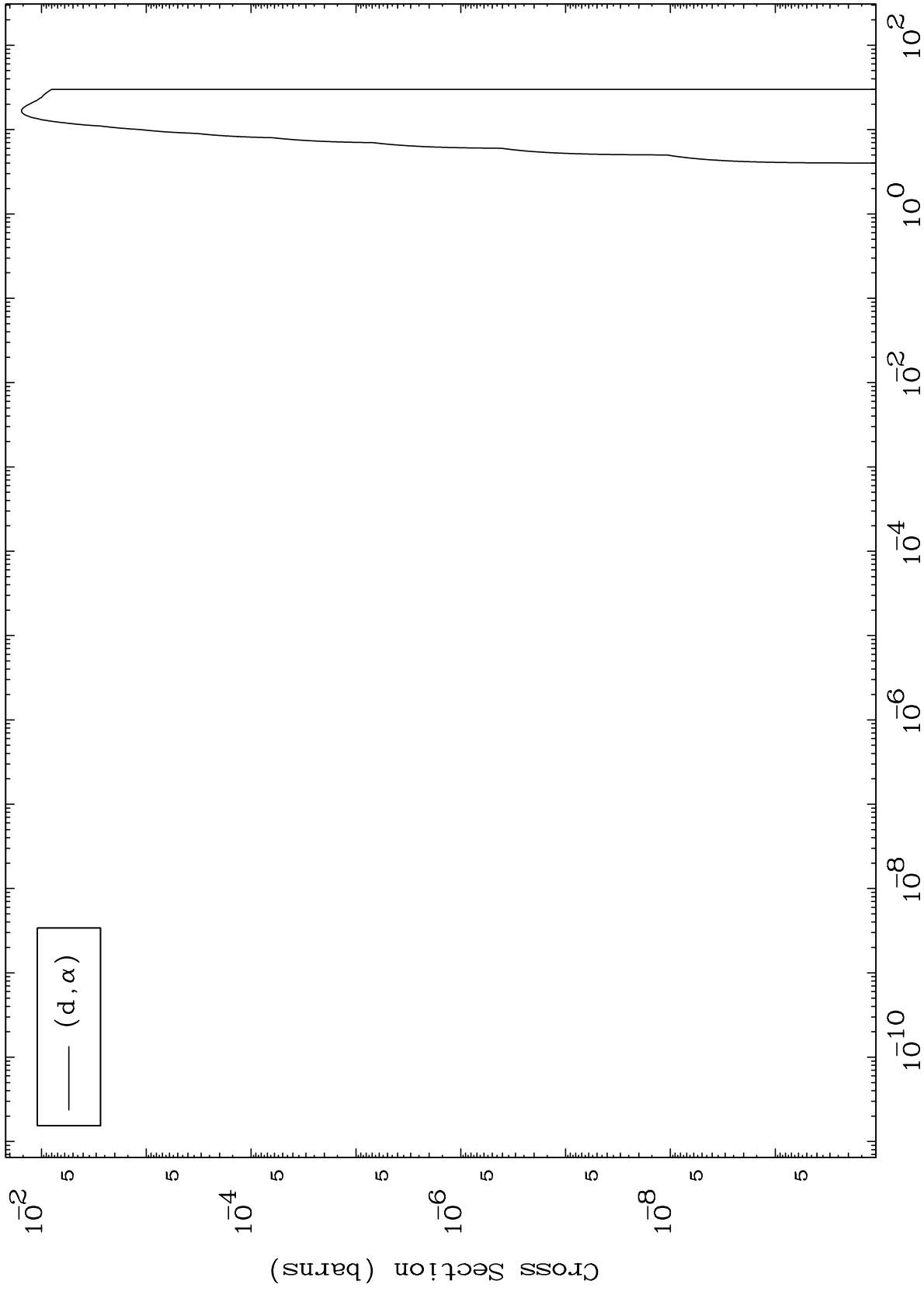
Incident Energy (MeV)

83-Bi-194

MAT 8280

(d, α) Levels
0 Kelvin Cross Sections

83-Bi-194



11

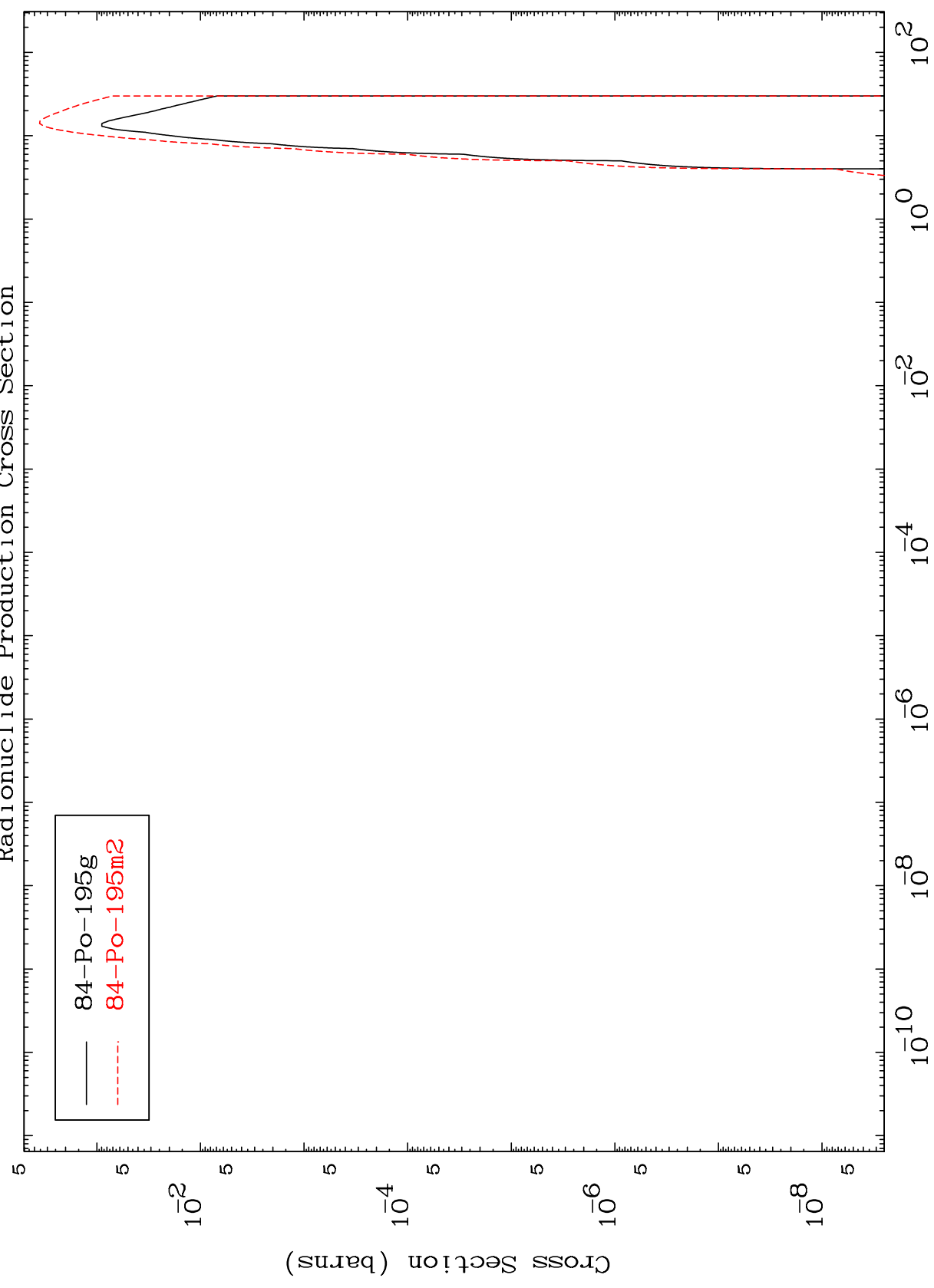
Incident Energy (MeV)

83-Bi-194

MAT 8280

Deuteron Inelastic
Radionuclide Production Cross Section

83-Bi-194

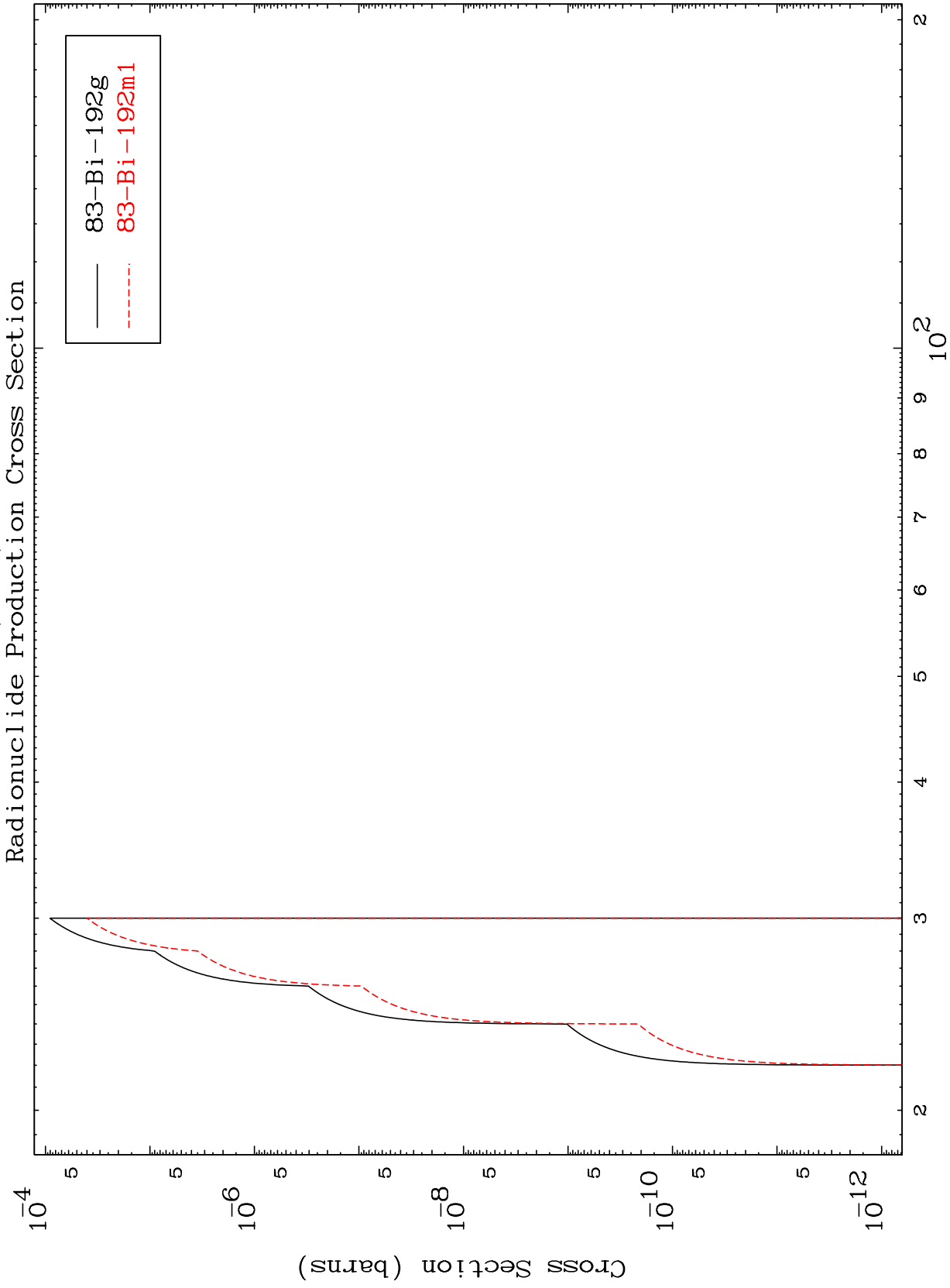


83-Bi-194

MAT 8280

(d,2n) d

83-Bi-194



13

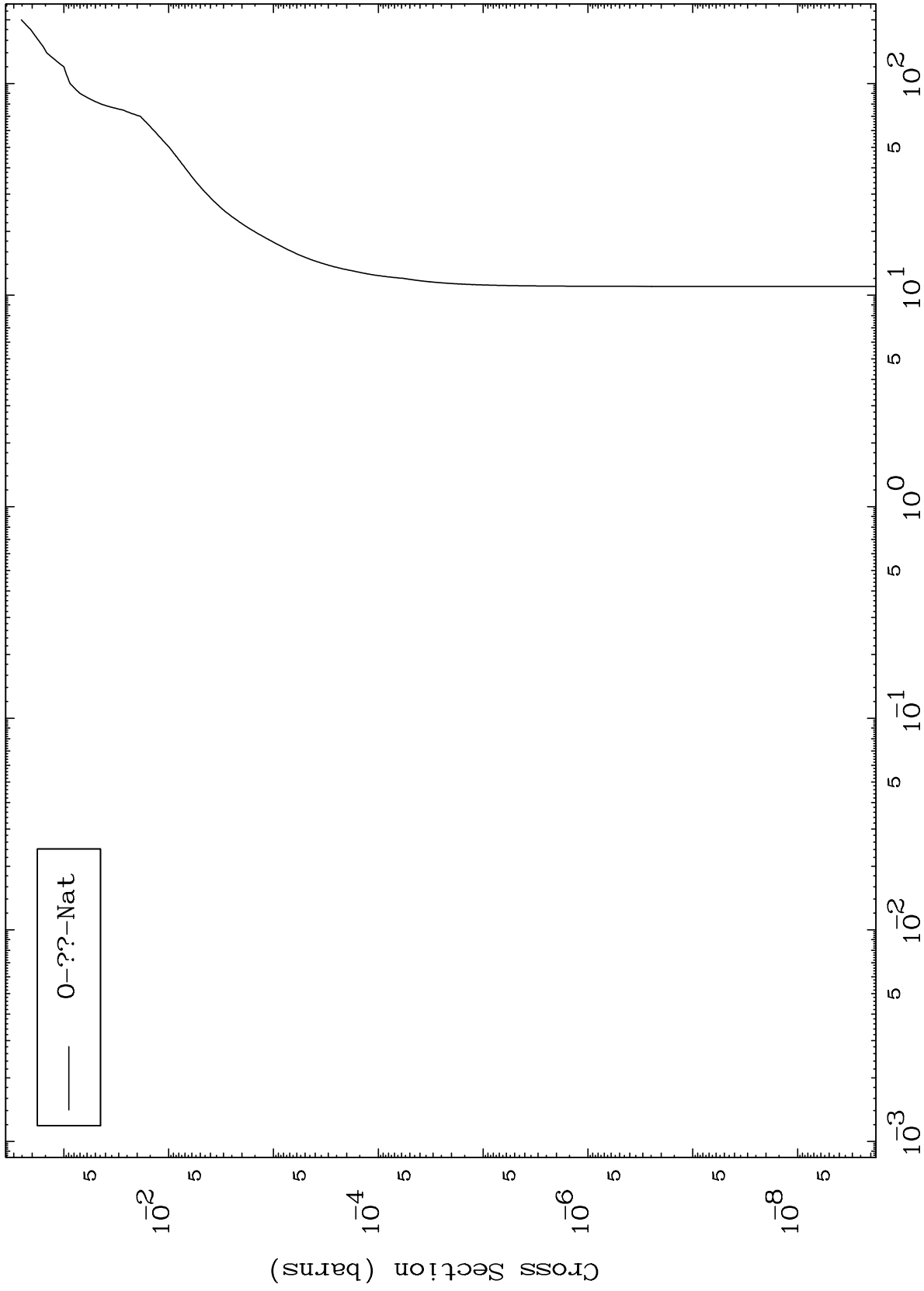
Incident Energy (MeV)

83-Bi-194

MAT 8280

Deuteron Fission
Radionuclide Production Cross Section

83-Bi-194



0-?-Nat

14

Incident Energy (MeV)

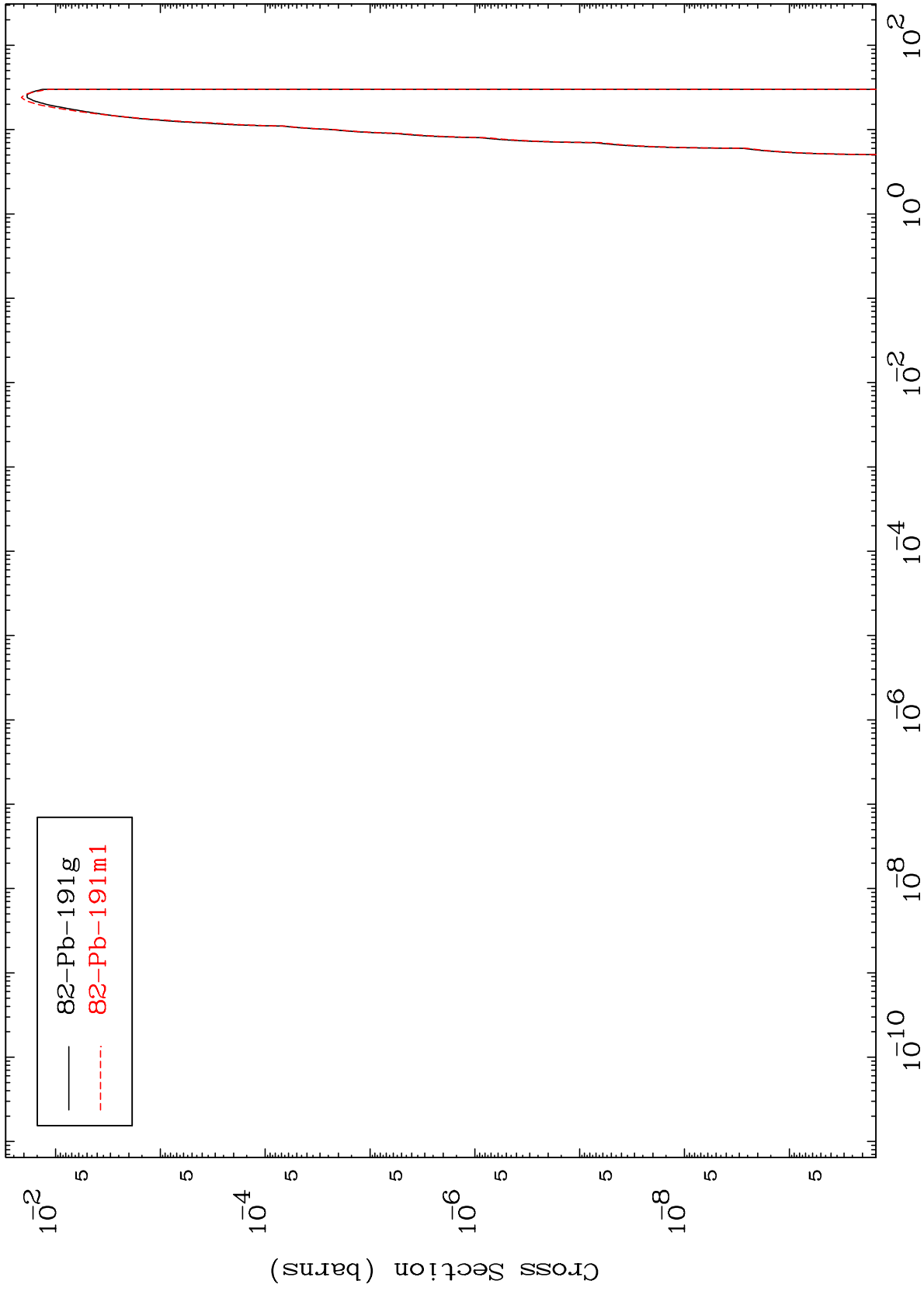
83-Bi-194

MAT 8280

(d,n') α

83-Bi-194

Radionuclide Production Cross Section



15

Incident Energy (MeV)

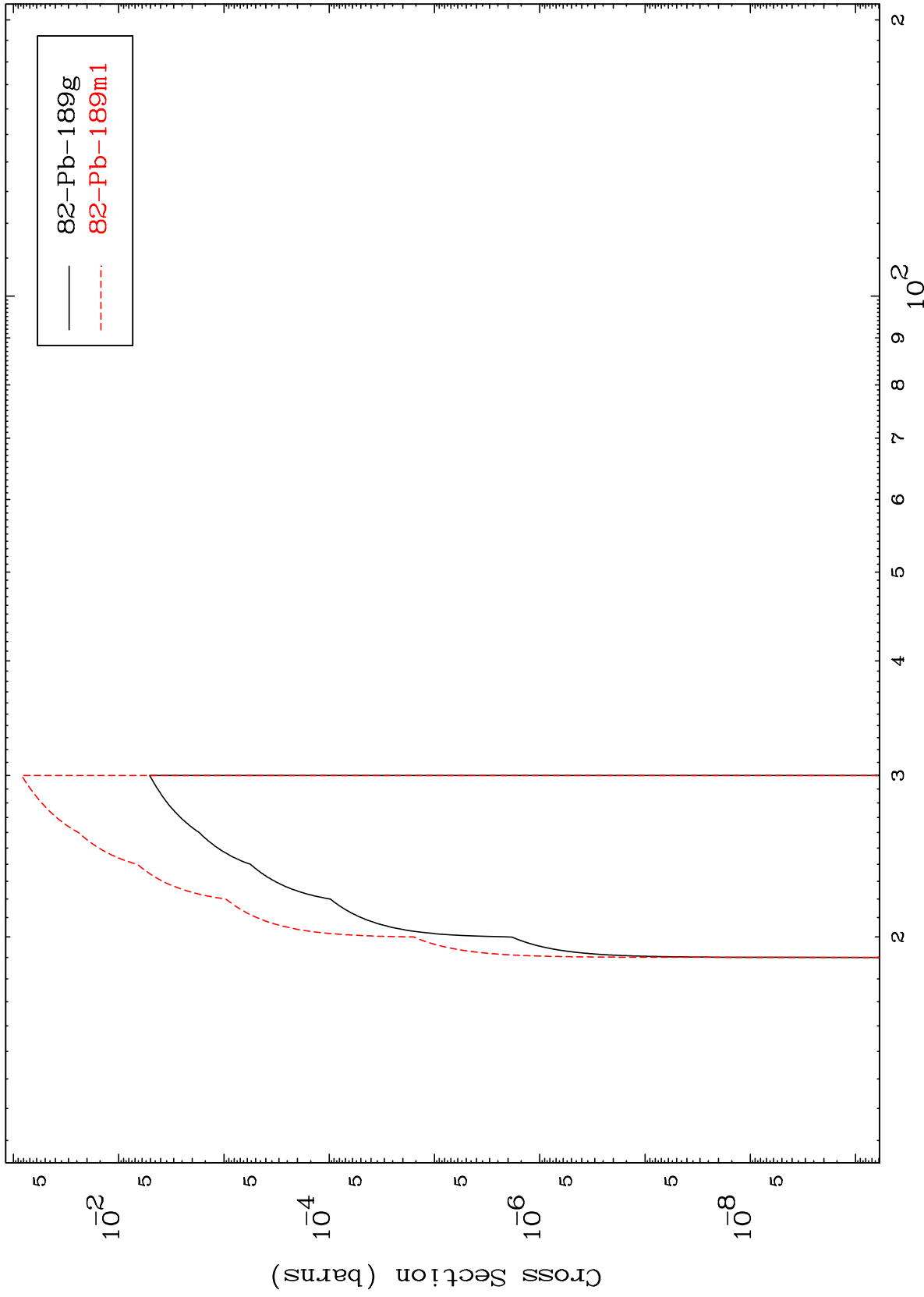
83-Bi-194

MAT 8280

$(d,3n) \alpha$

83-Bi-194

Radionuclide Production Cross Section



16

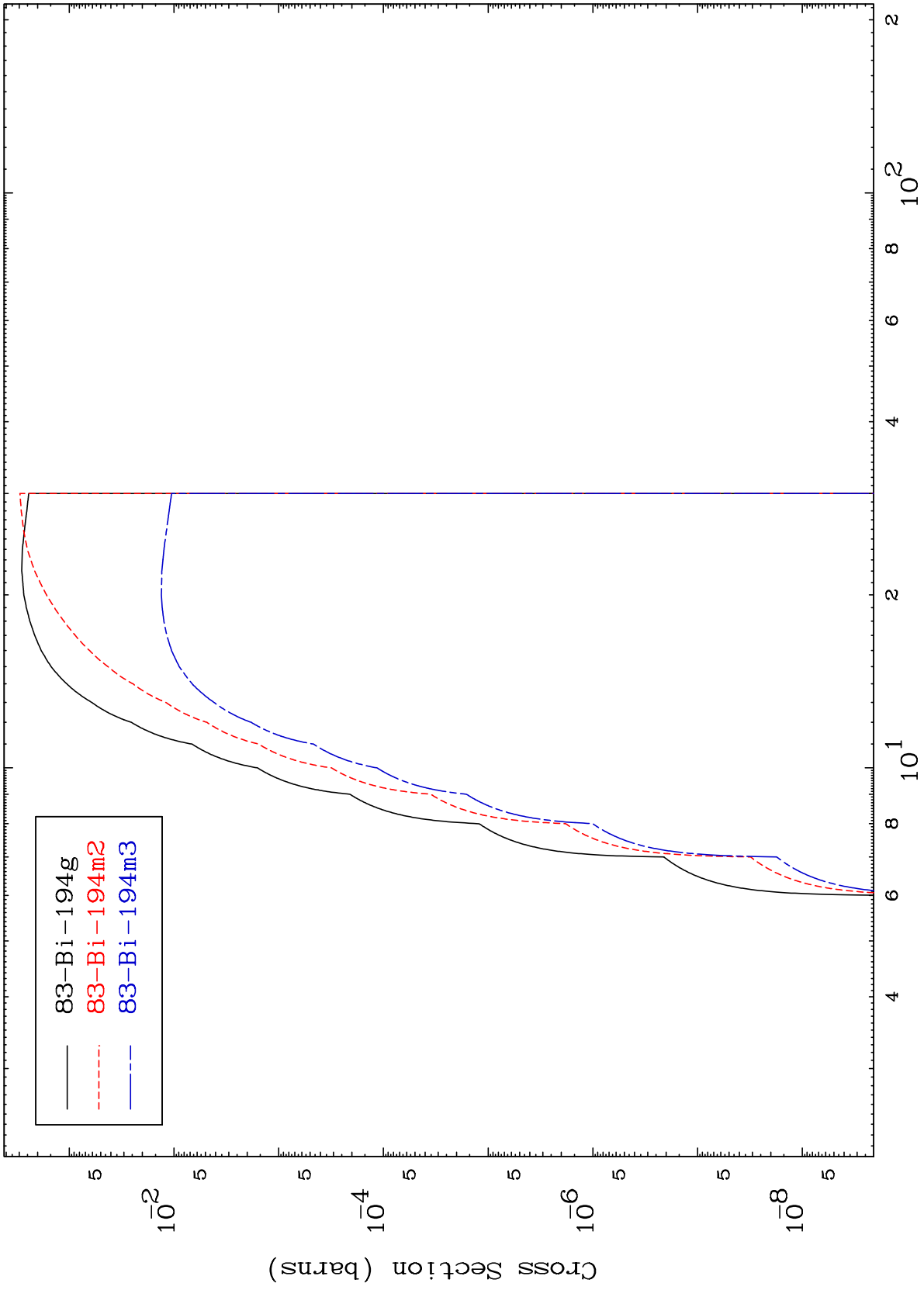
Incident Energy (MeV)

83-Bi-194

MAT 8280

83-Bi-194

(d,n') p
Radionuclide Production Cross Section



17

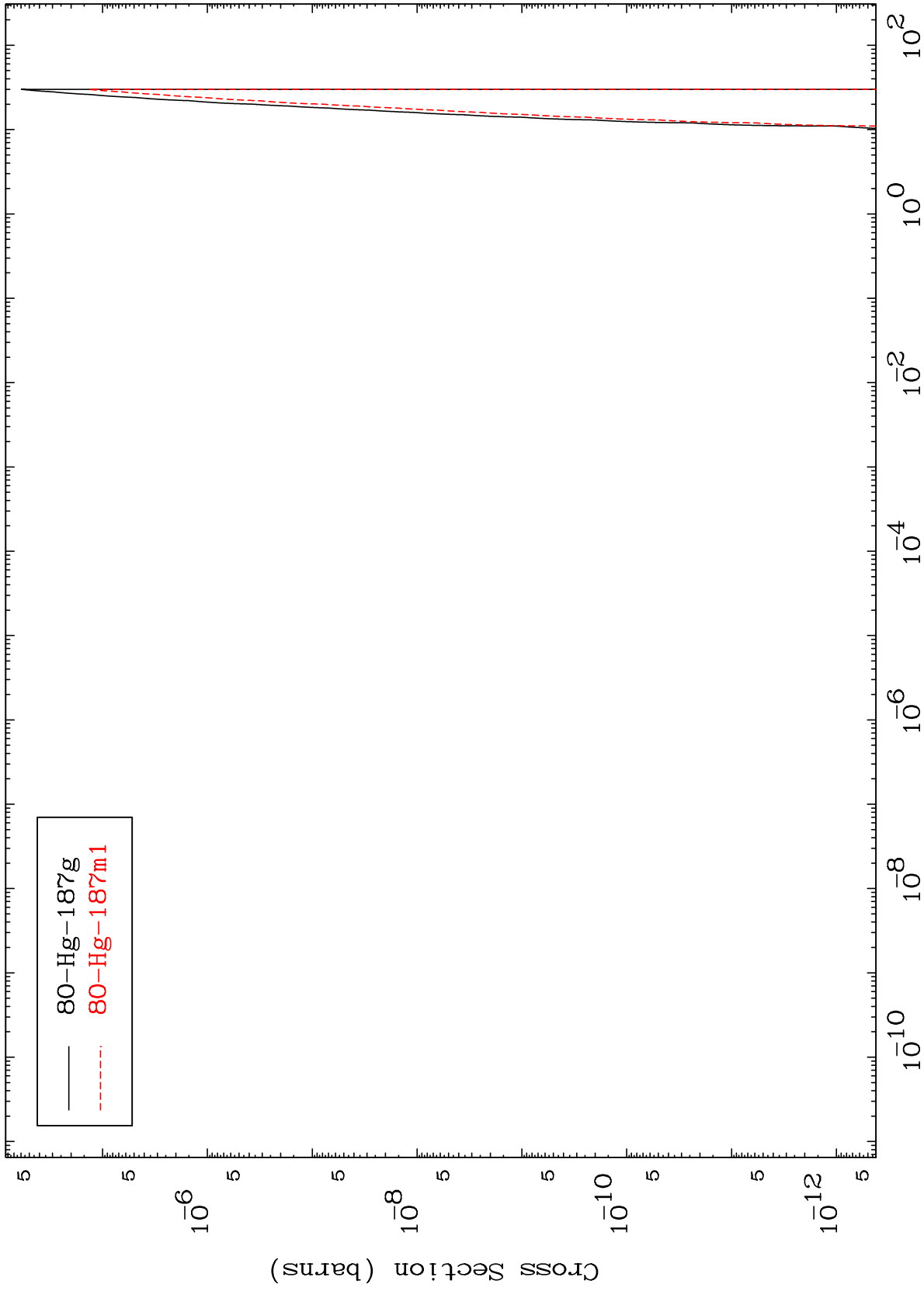
83-Bi-194

MAT 8280

(d,n') 2 α

83-Bi-194

Radionuclide Production Cross Section



18

Incident Energy (MeV)

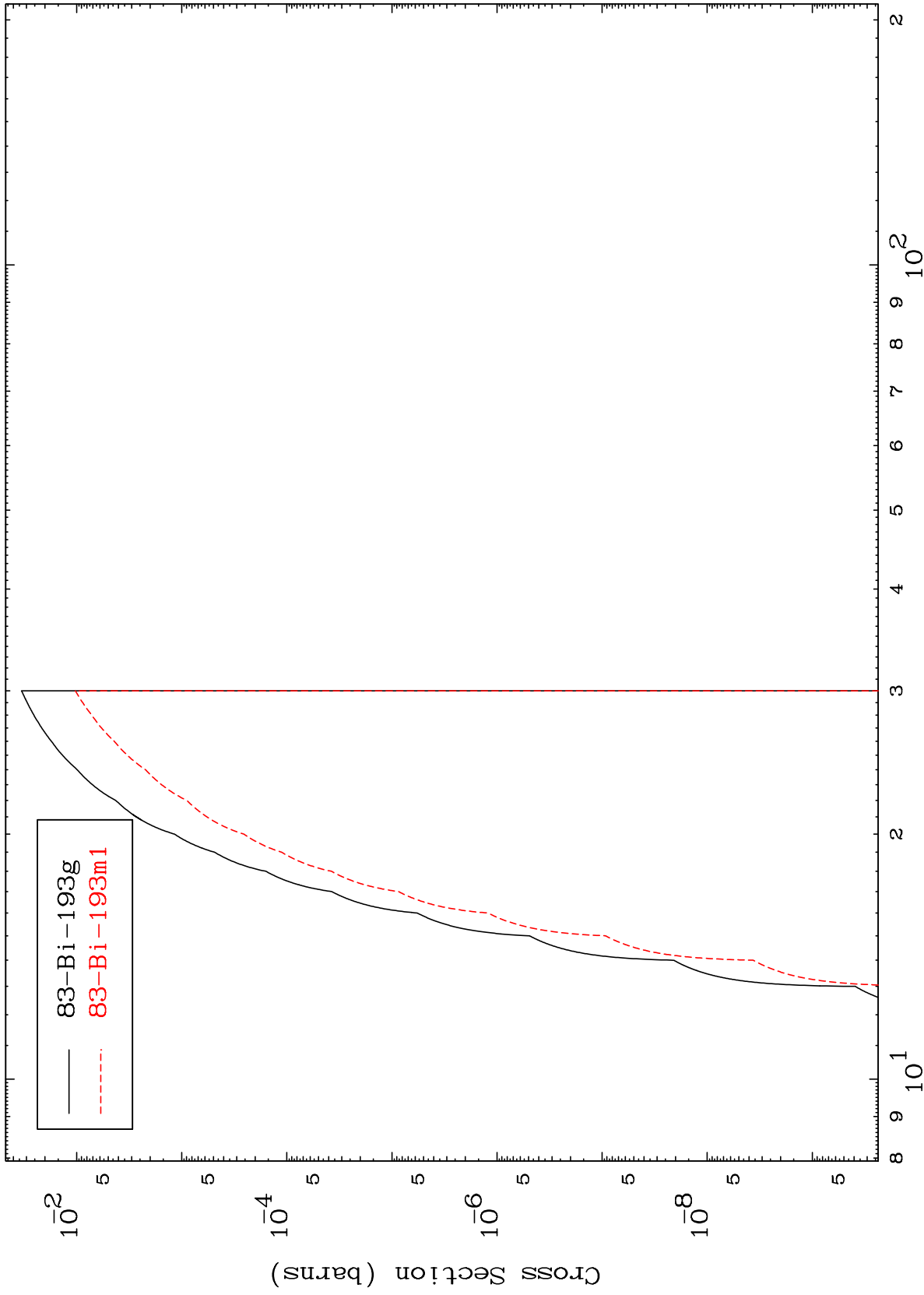
83-Bi-194

MAT 8280

(d,n') d

83-Bi-194

Radionuclide Production Cross Section



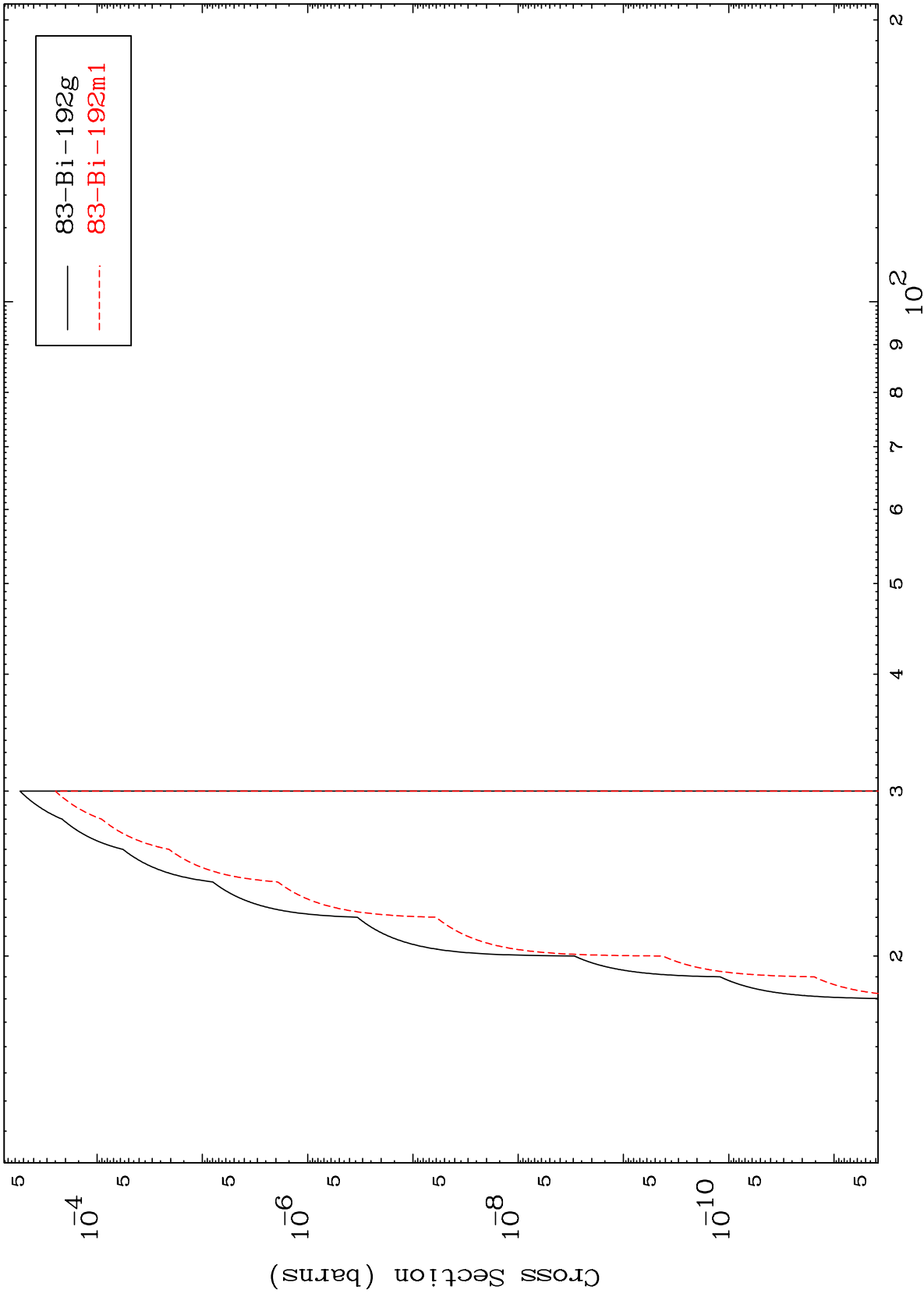
83-Bi-193g
83-Bi-193m1

MAT 8280

(d,n') t

⁸³Bi-194

Radionuclide Production Cross Section



20

Incident Energy (MeV)

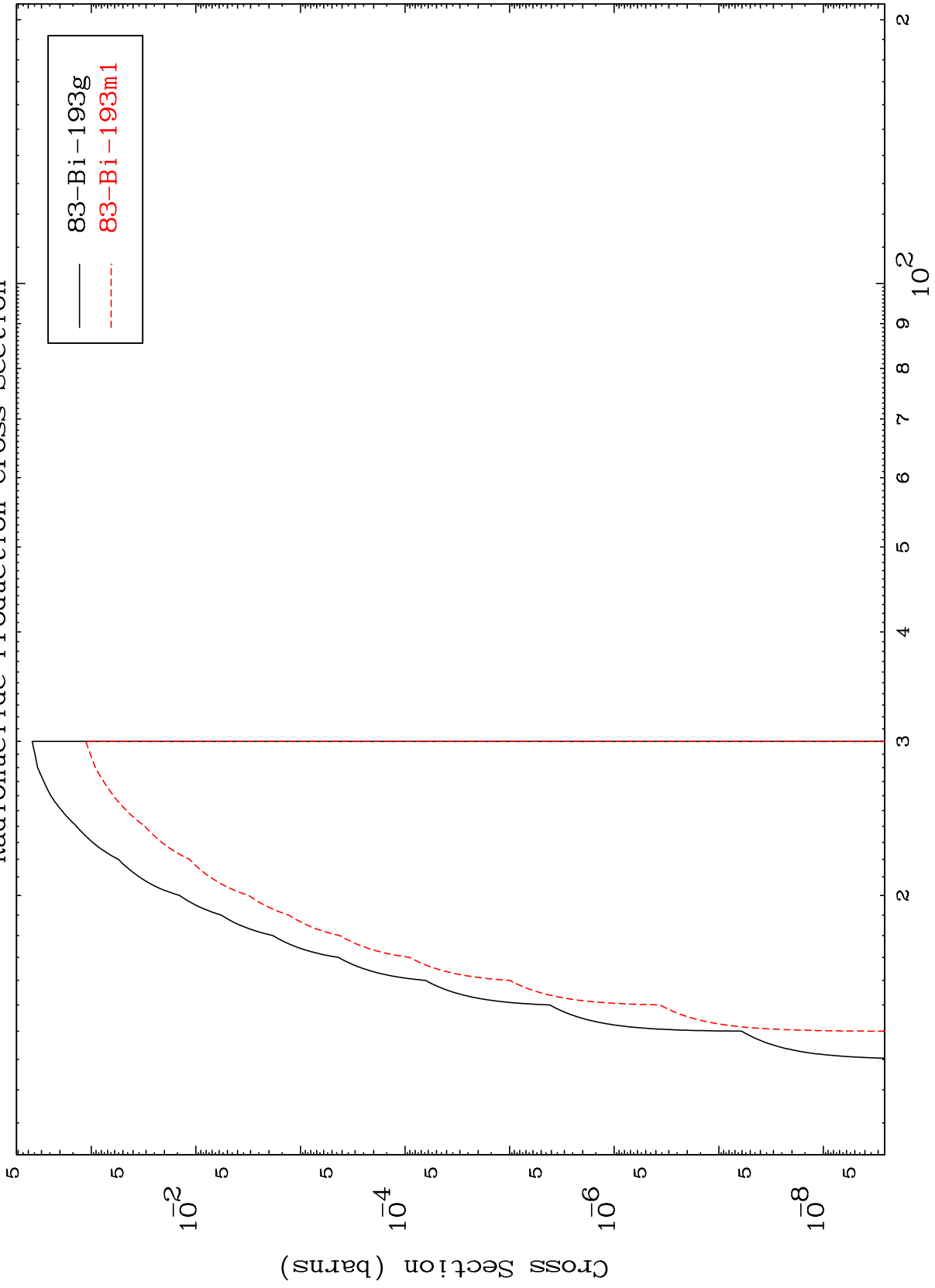
⁸³Bi-194

MAT 8280

(d,2n) p

⁸³Bi-194

Radionuclide Production Cross Section



21

Incident Energy (MeV)

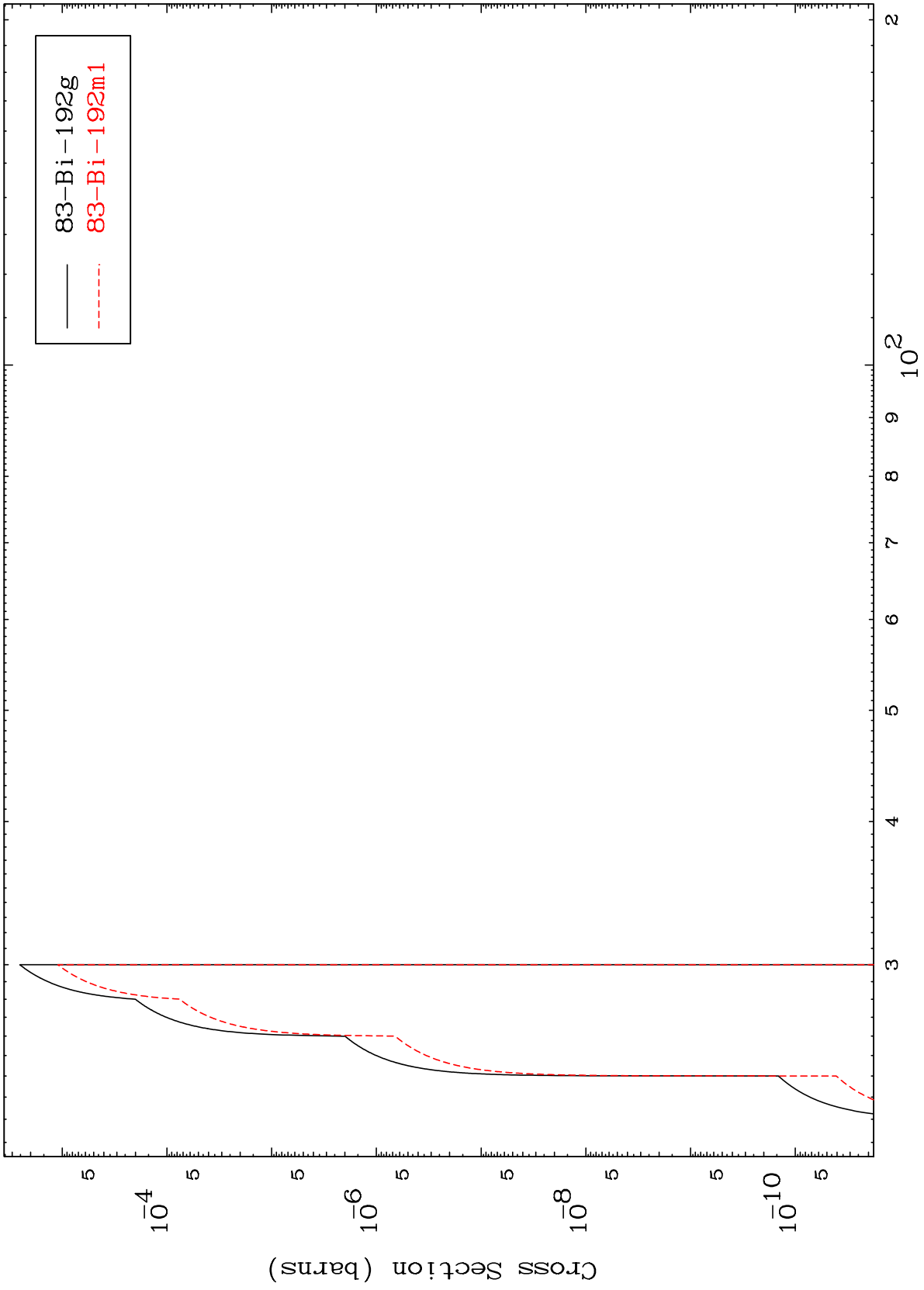
⁸³Bi-194

MAT 8280

(d,3n) p

⁸³Bi-194

Radionuclide Production Cross Section



22

Incident Energy (MeV)

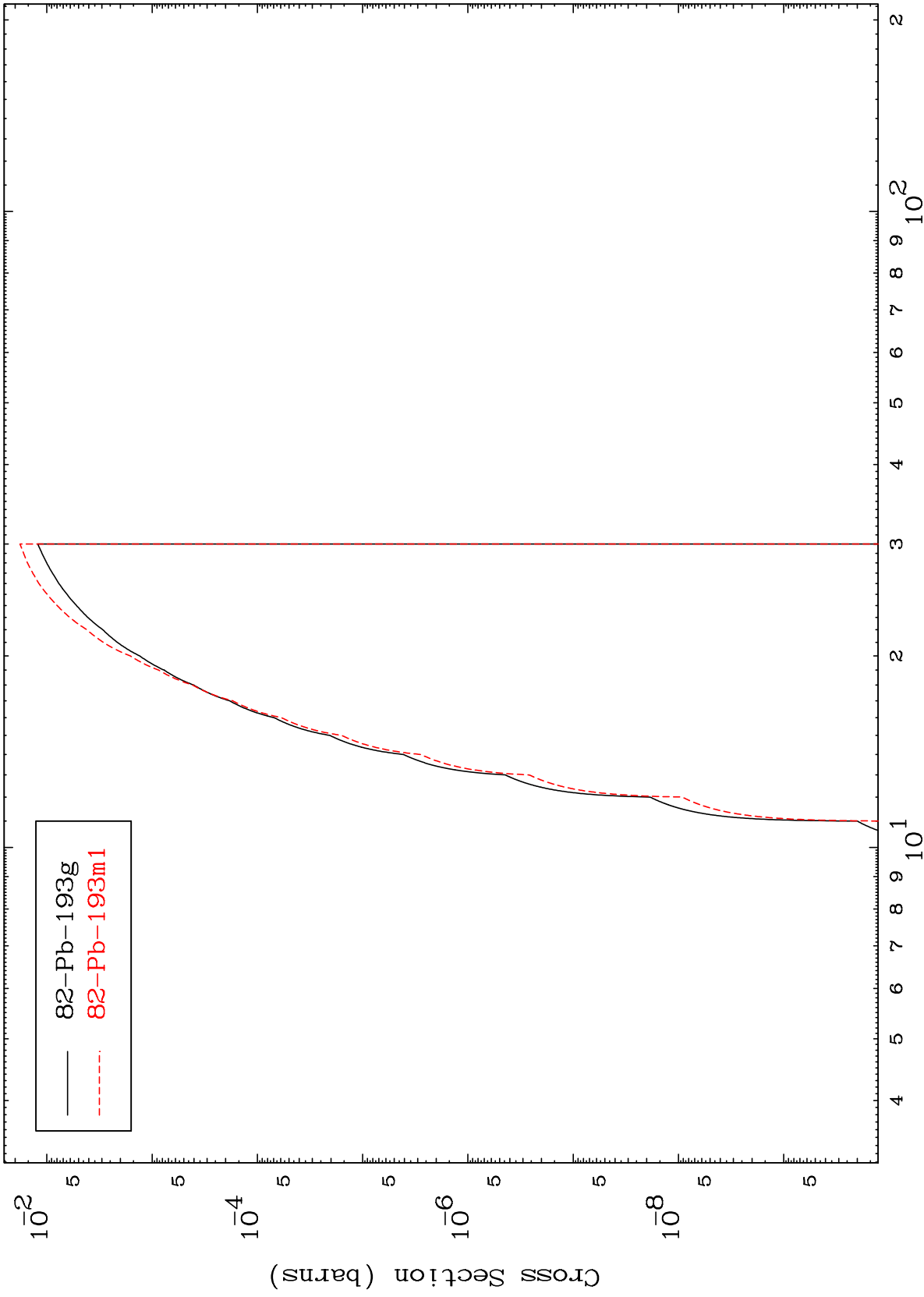
⁸³Bi-194

MAT 8280

(d,2n) p

83-Bi-194

Radionuclide Production Cross Section



82-Pb-193g
82-Pb-193m1

23

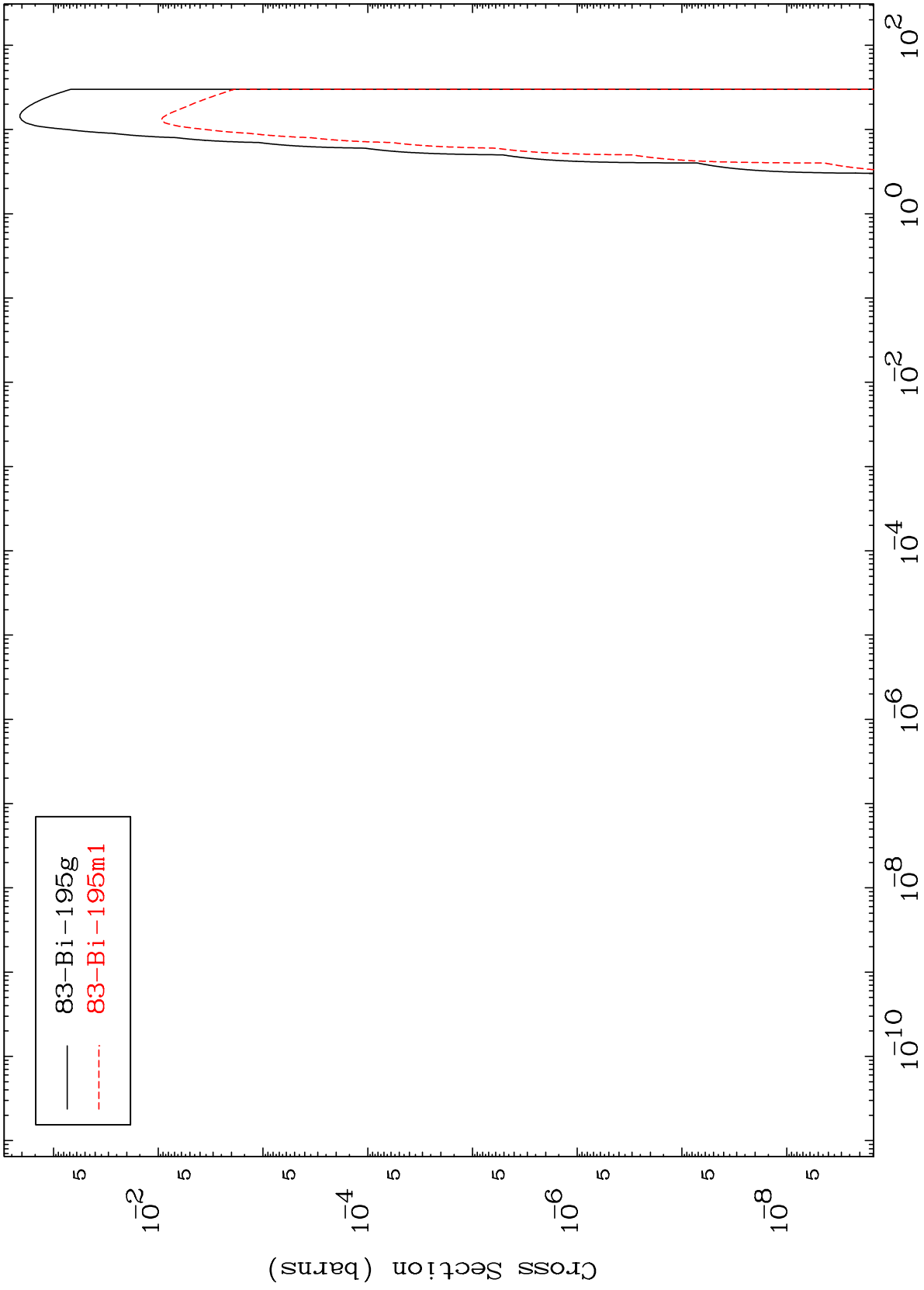
Incident Energy (MeV)

83-Bi-194

MAT 8280

(d,p)
Radionuclide Production Cross Section

⁸³Bi-194



— 83-Bi-195g
- - - 83-Bi-195m1

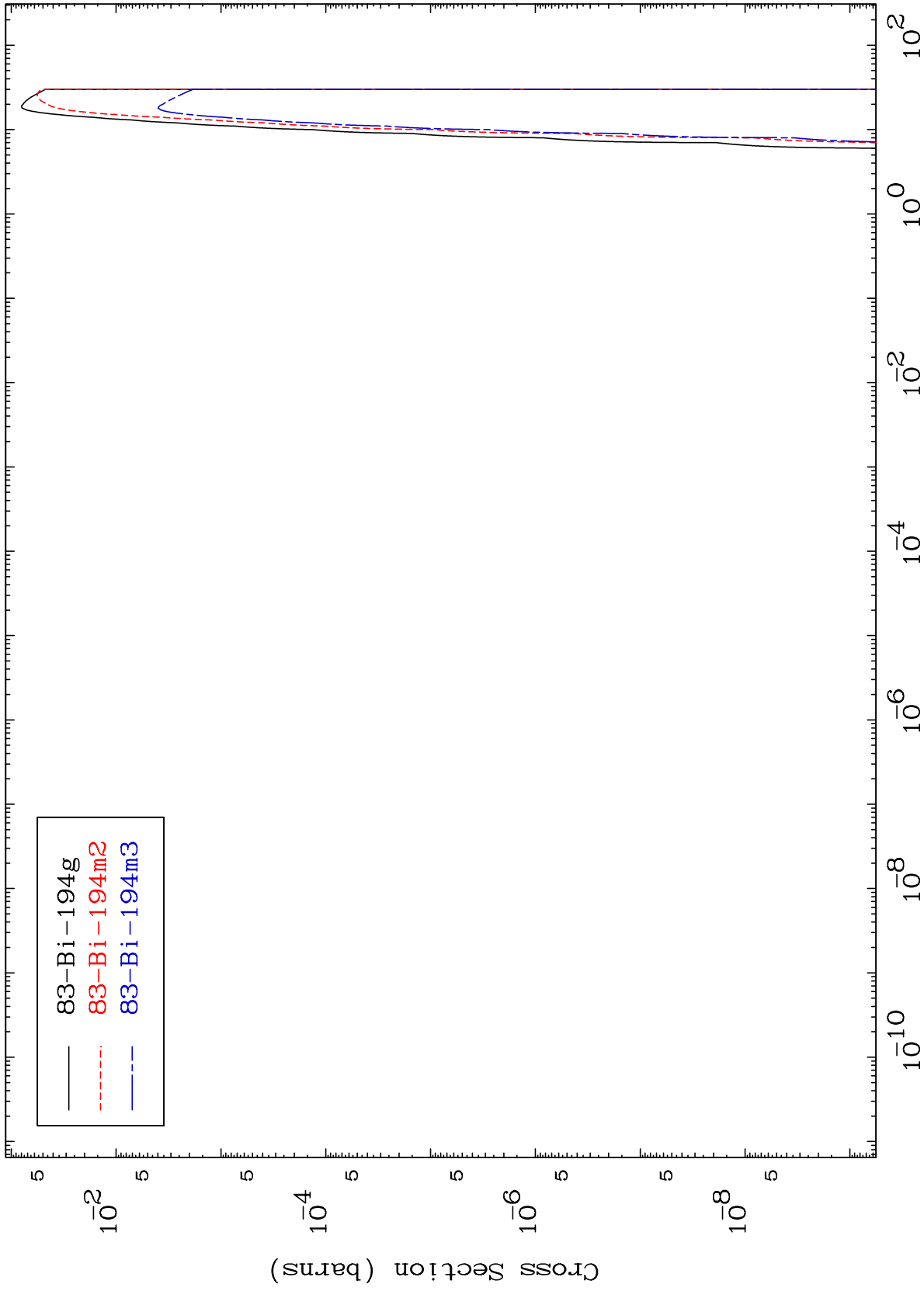
⁸³Bi-194

MAT 8280

(d,d)

⁸³Bi-194

Radionuclide Production Cross Section



25

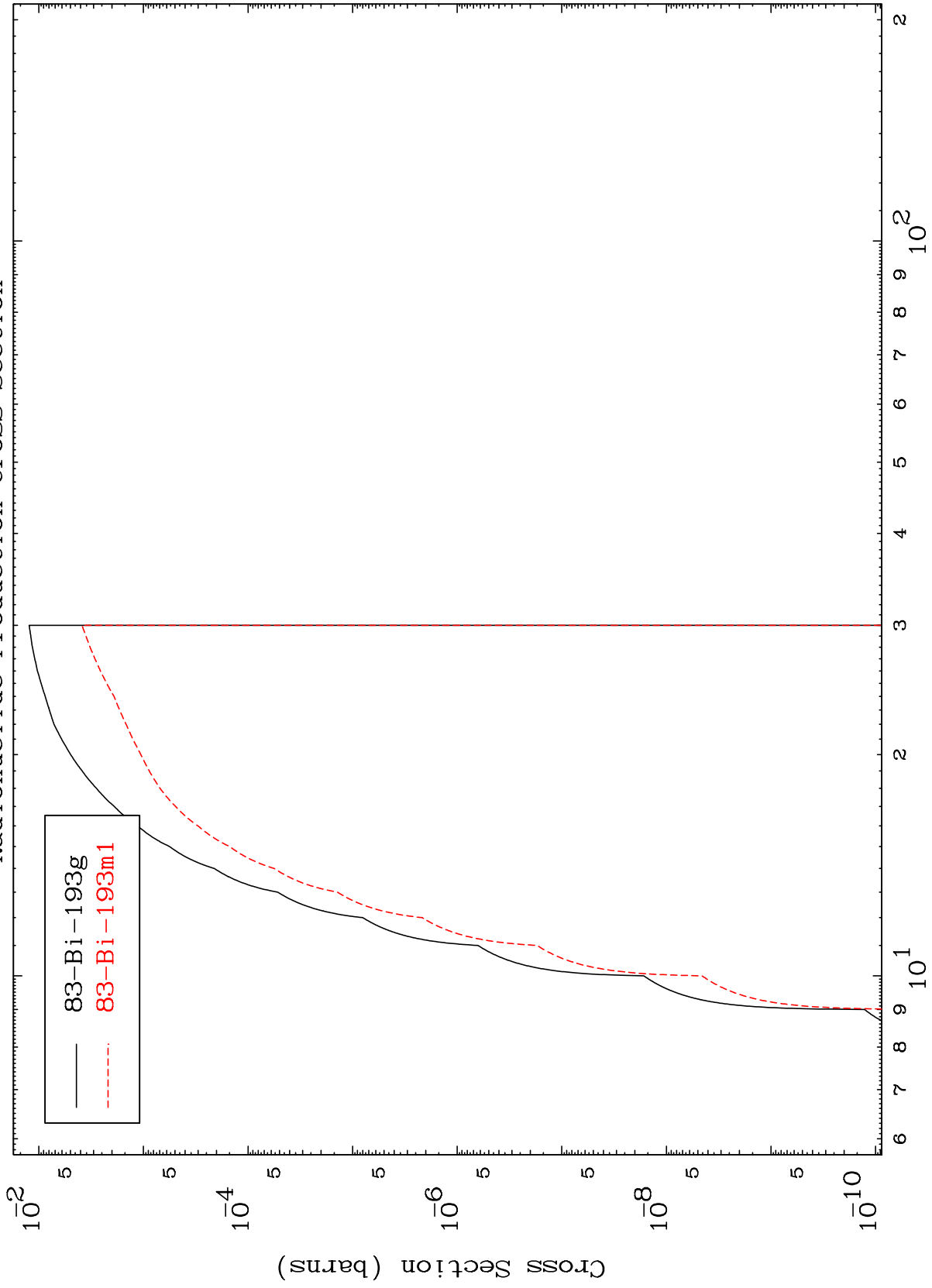
Incident Energy (MeV)

⁸³Bi-194

MAT 8280

83-Bi-194

(d, t)
Radionuclide Production Cross Section



26

83-Bi-194

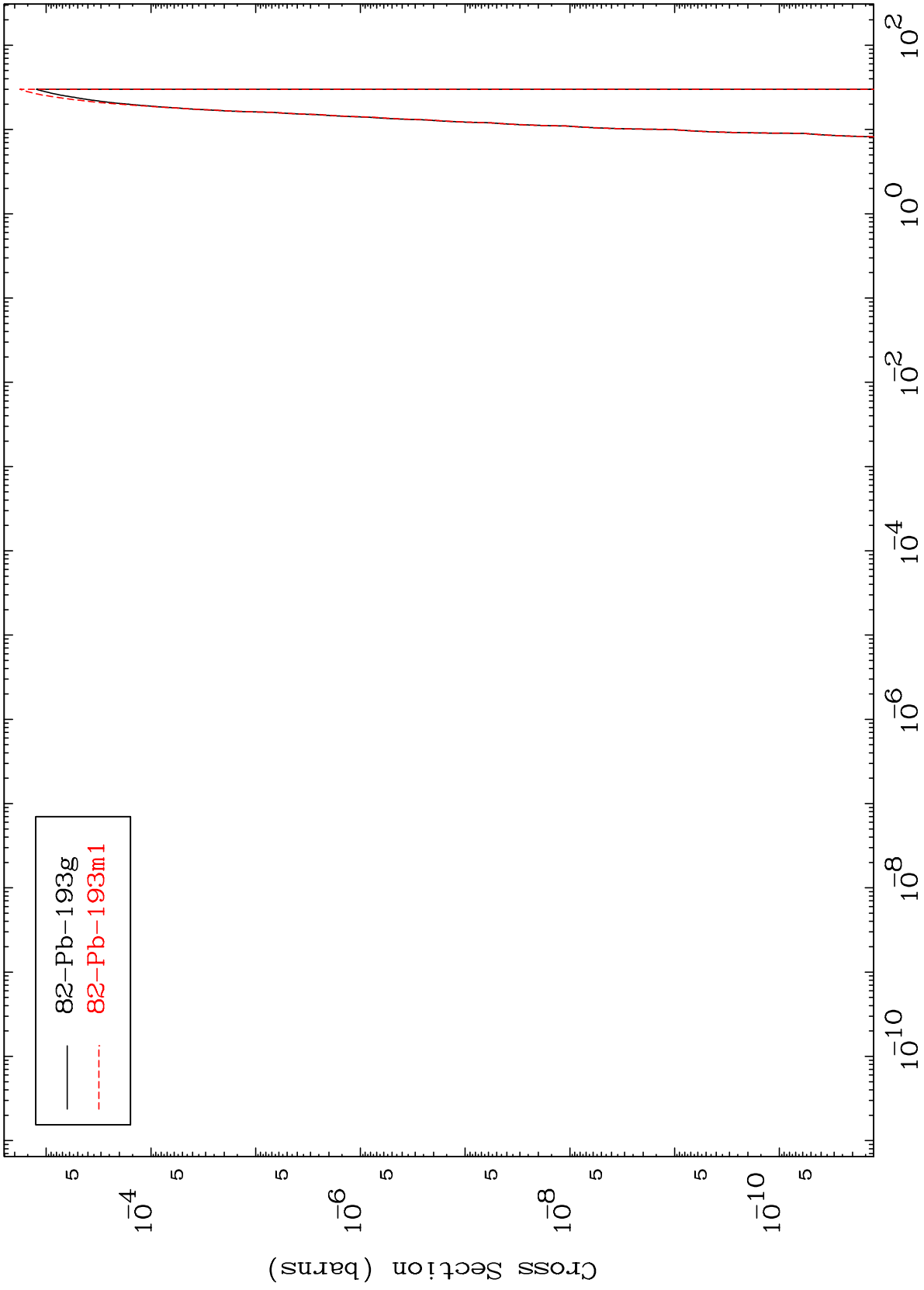
Incident Energy (MeV)

MAT 8280

(d, He-3)

83-Bi-194

Radionuclide Production Cross Section



27

Incident Energy (MeV)

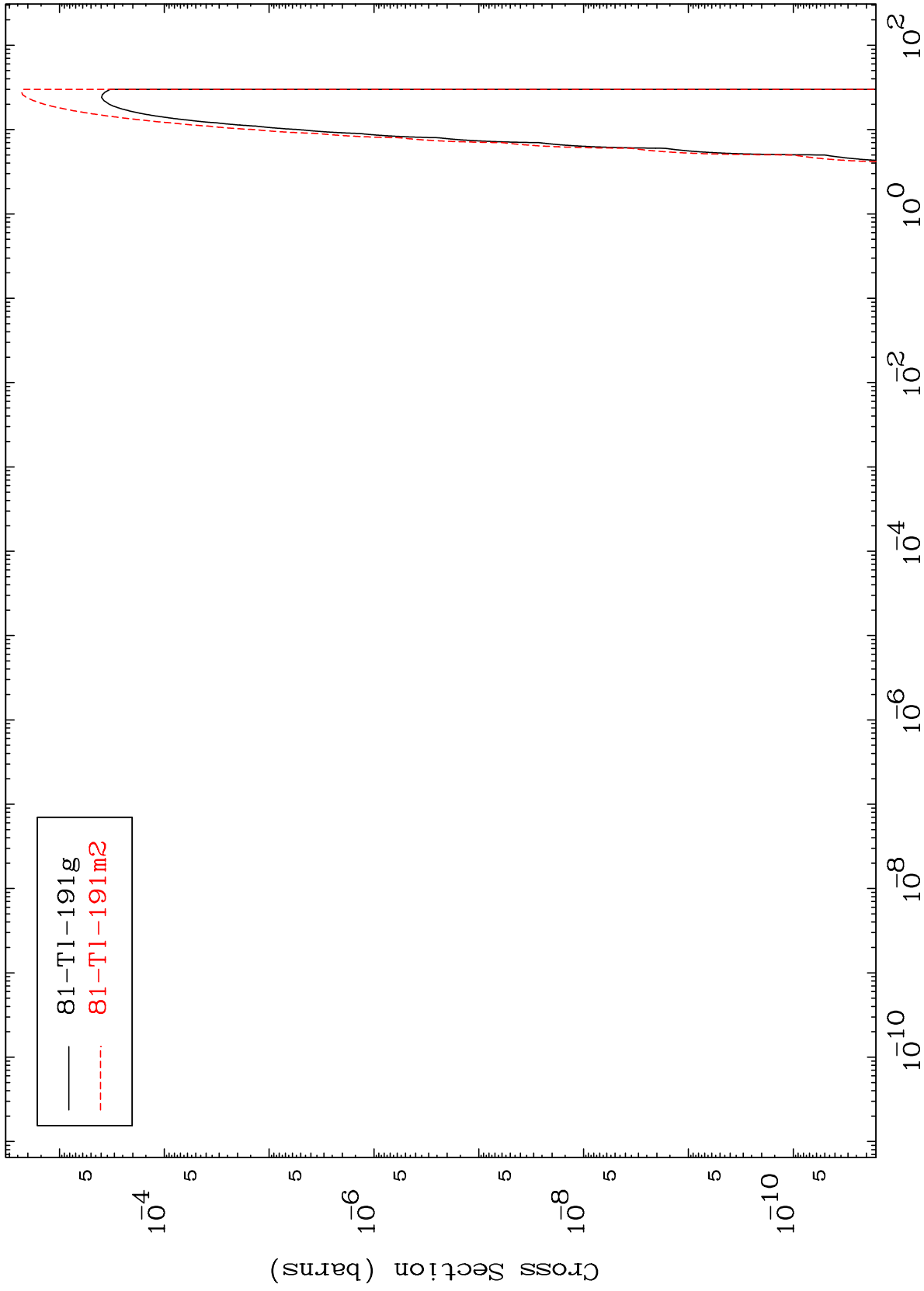
83-Bi-194

MAT 8280

(d,p) α

83-Bi-194

Radionuclide Production Cross Section



28

Incident Energy (MeV)

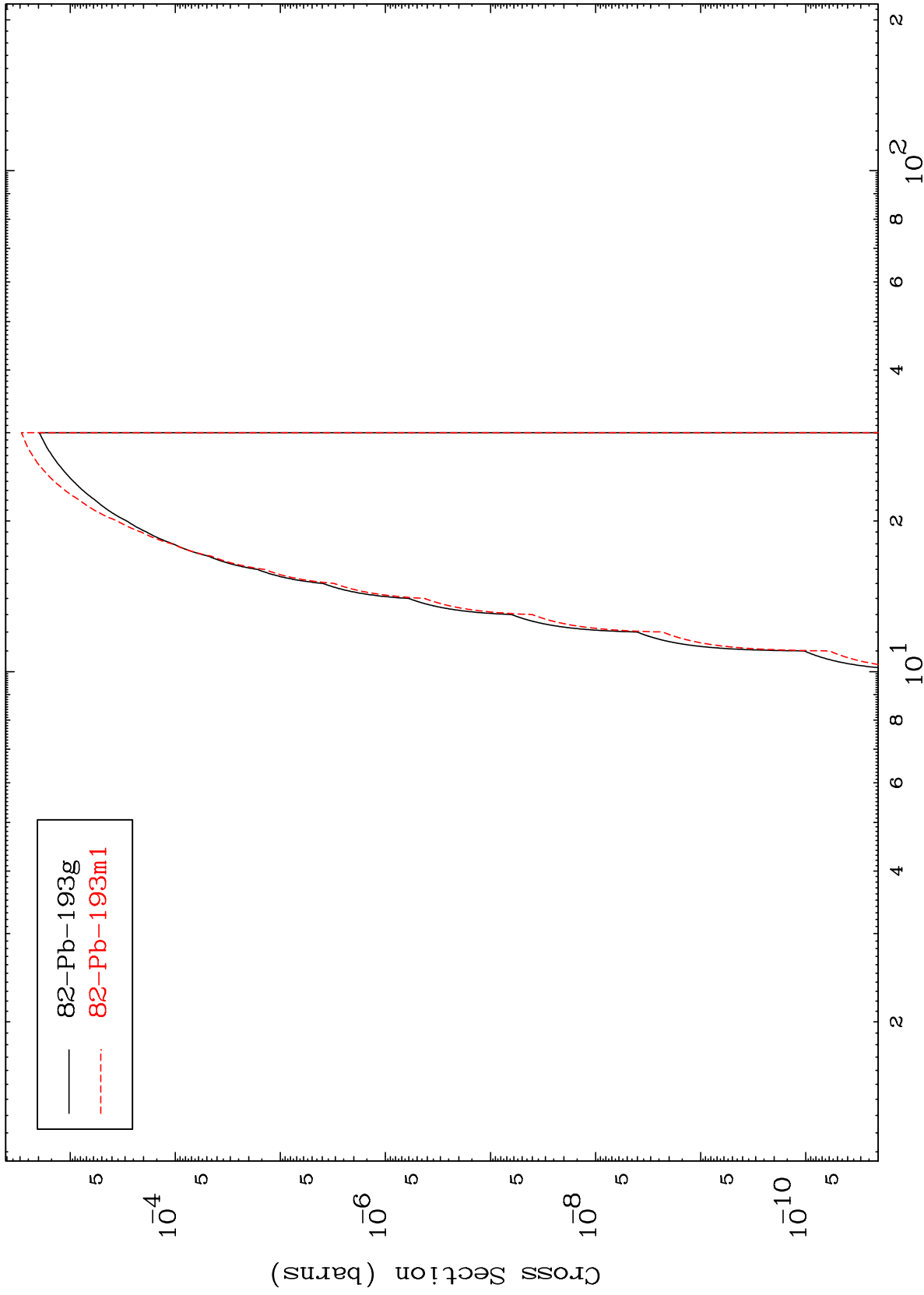
83-Bi-194

MAT 8280

(d,p) d

83-Bi-194

Radionuclide Production Cross Section



29

Incident Energy (MeV)

83-Bi-194