

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

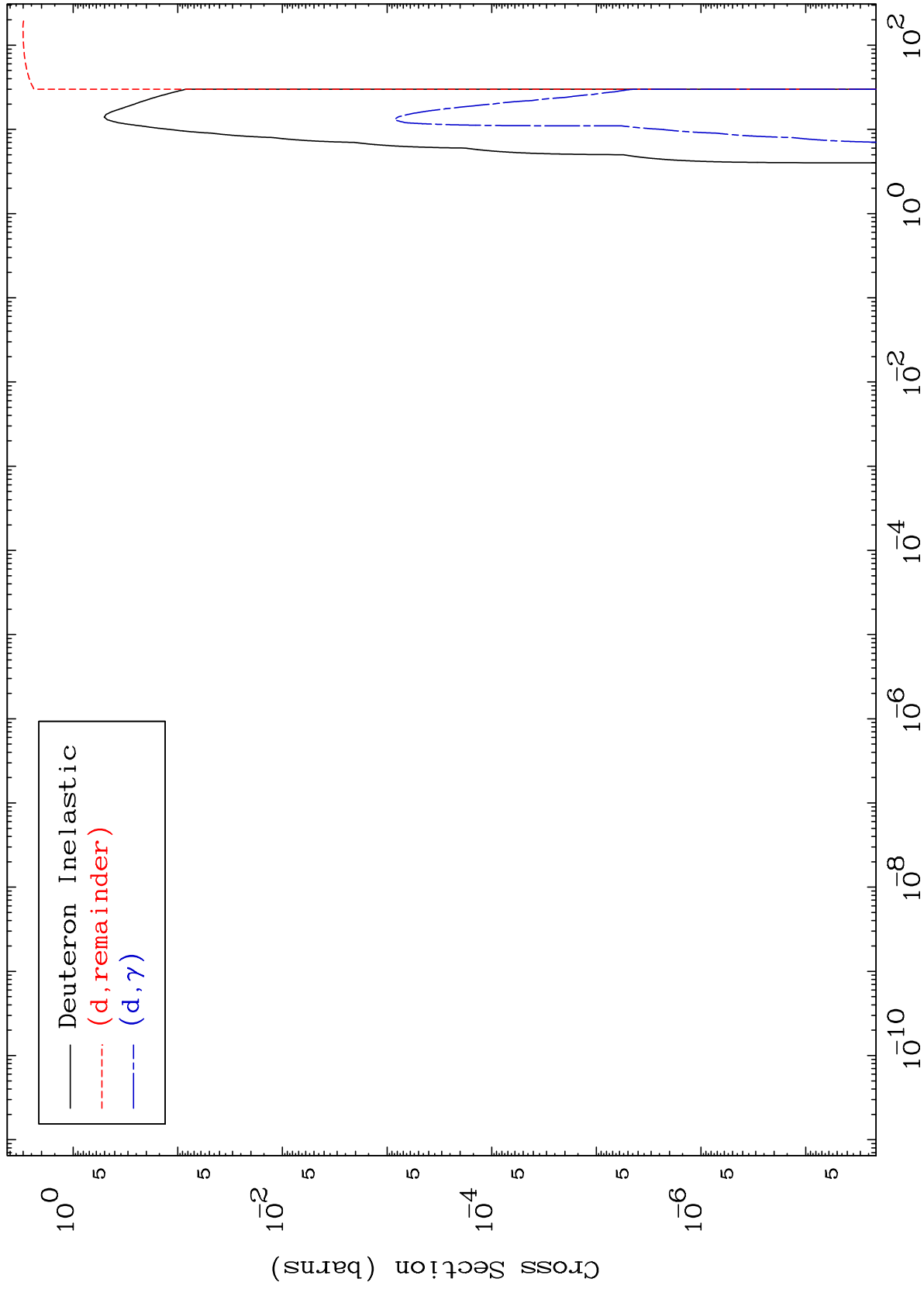
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

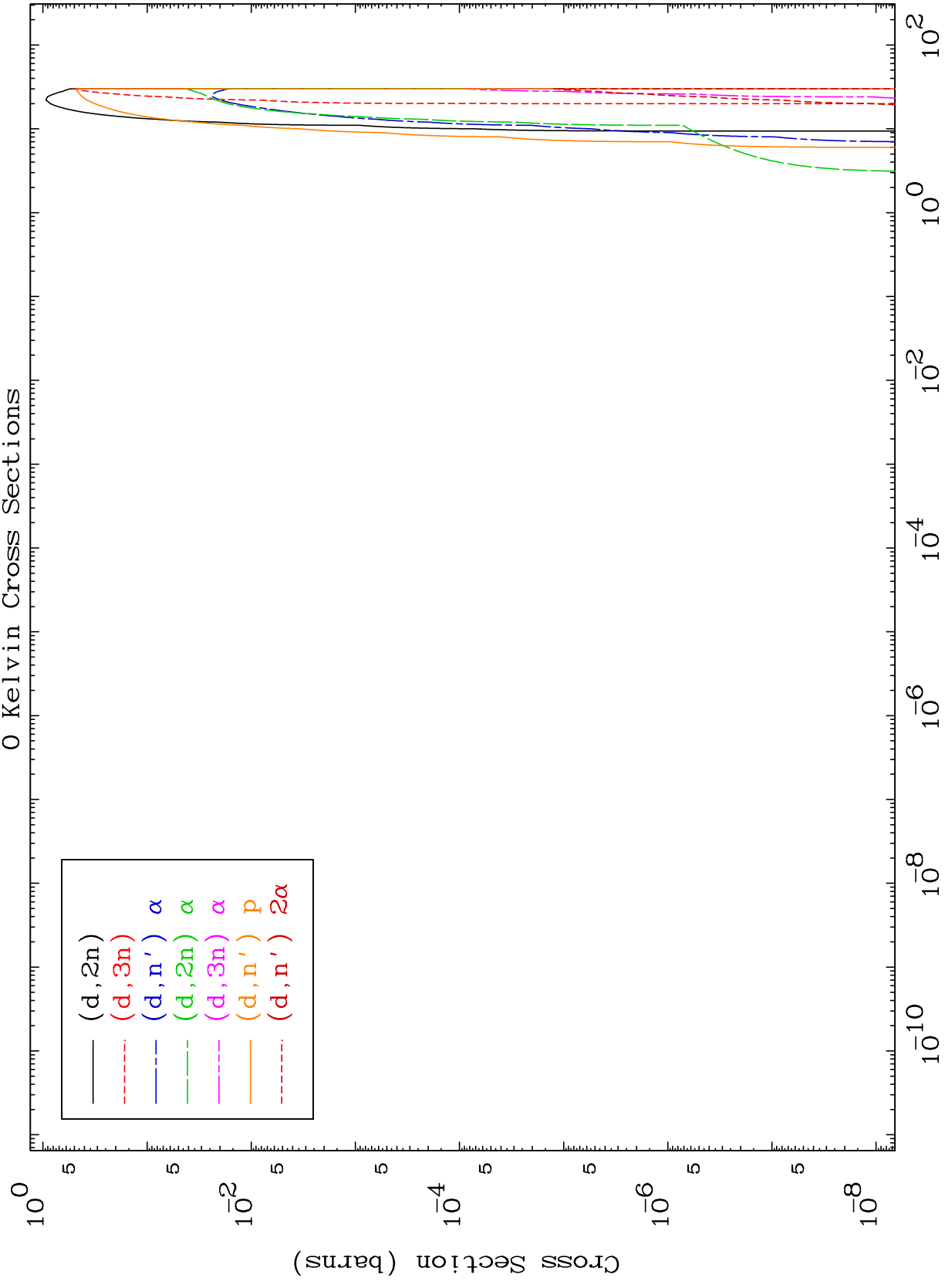
Press Mouse Button to Start



MAT 8192

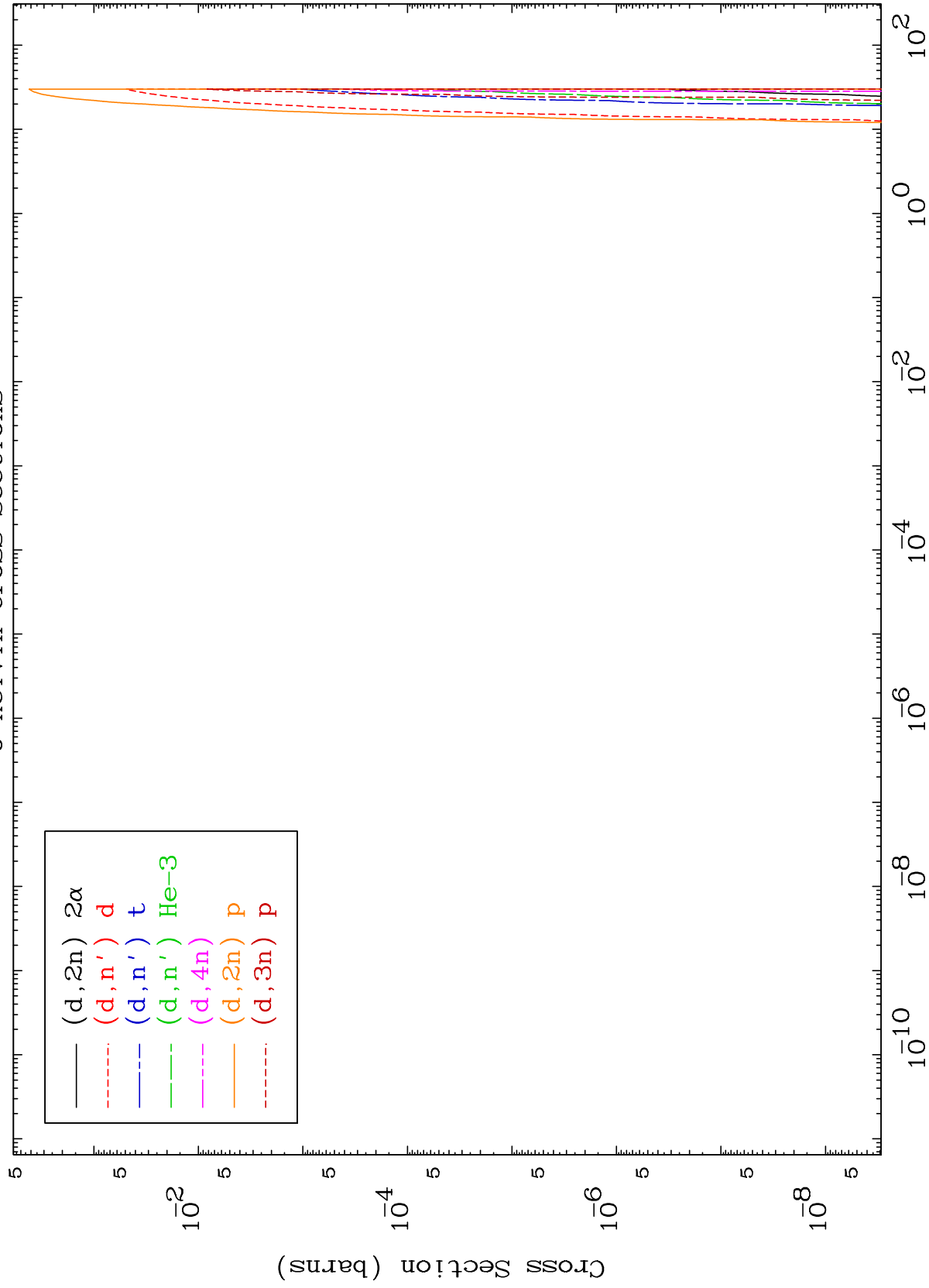
Deuteron Neutron Production
0 Kelvin Cross Sections

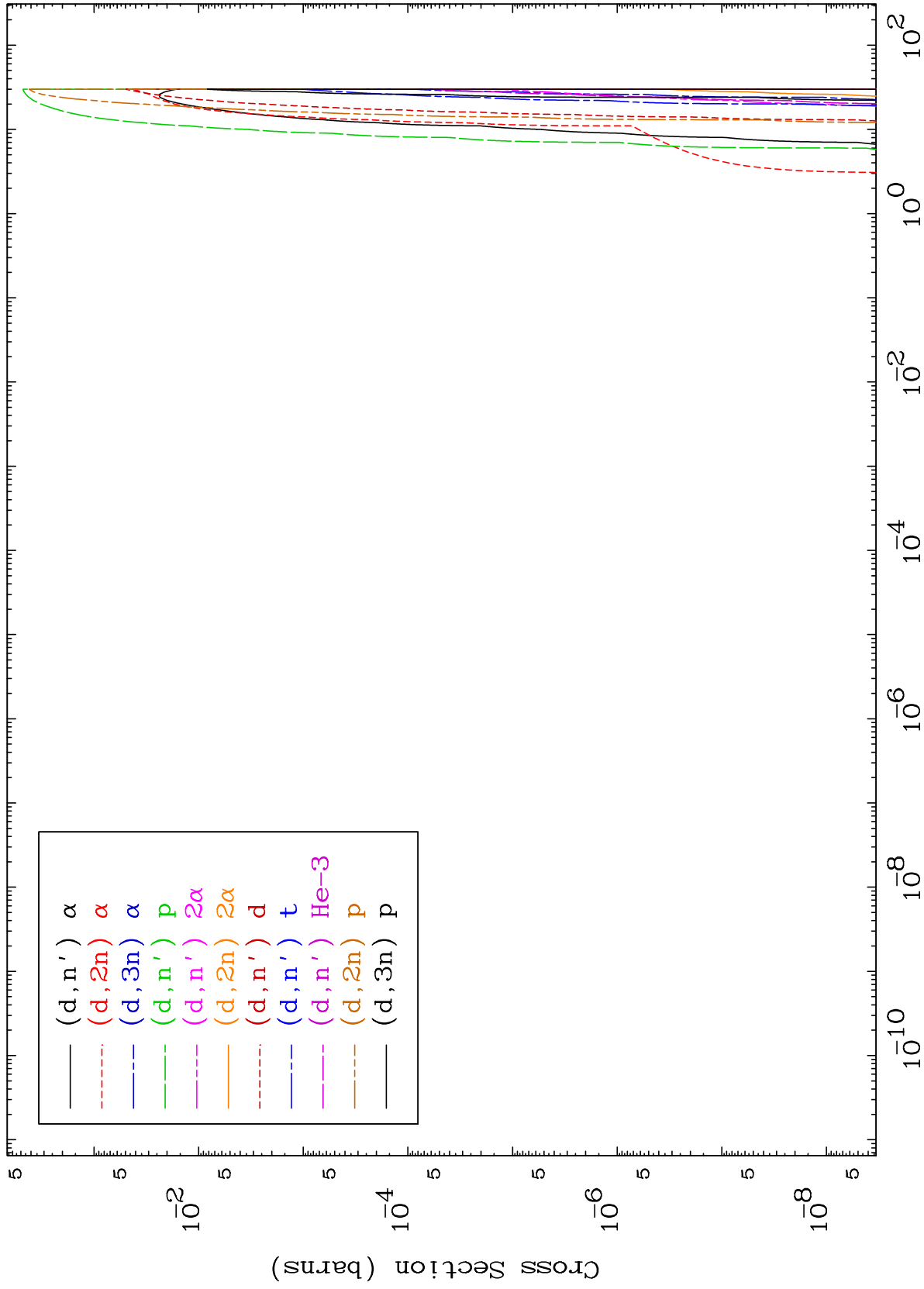
82-Pb-193

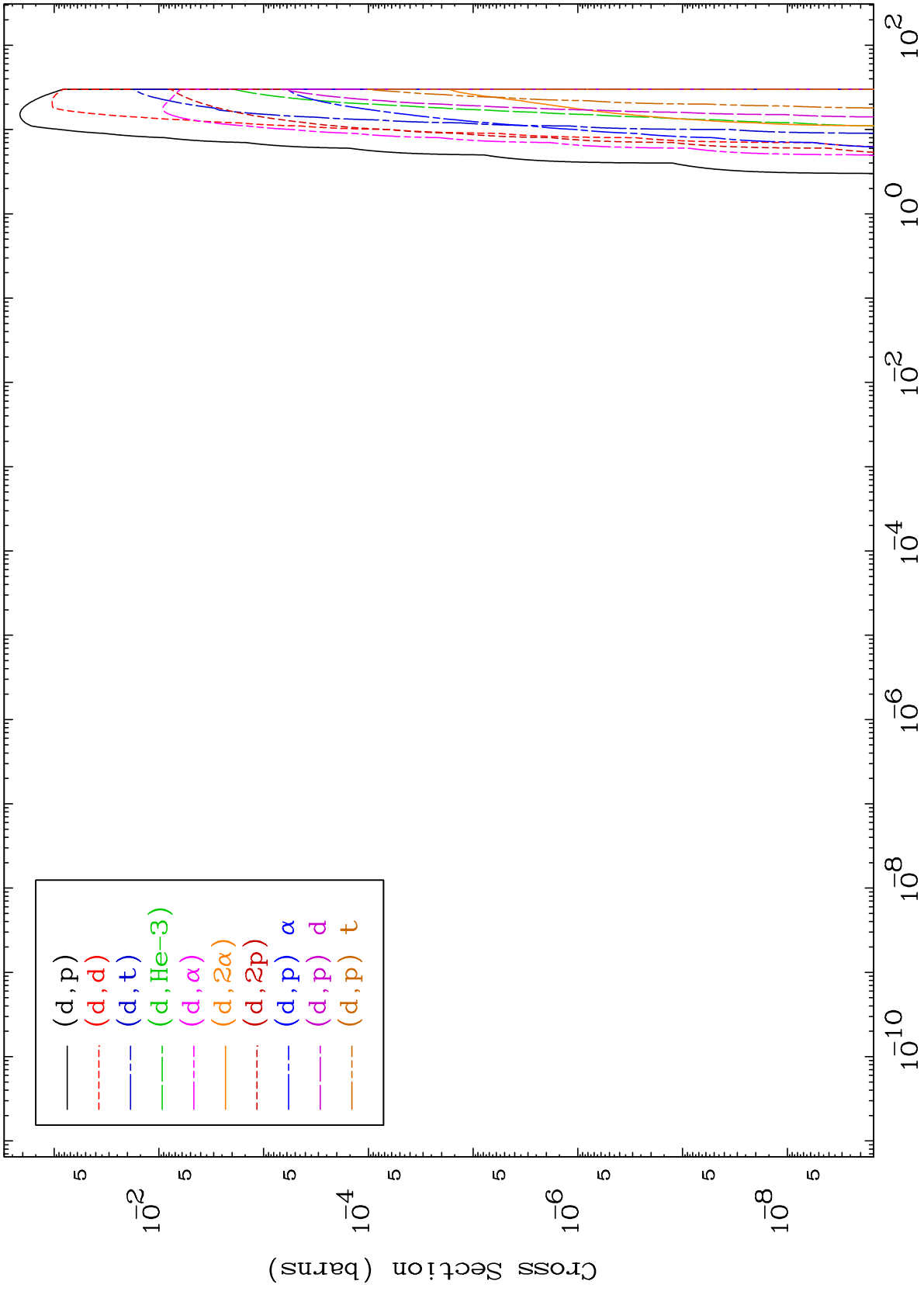


2

82-Pb-193



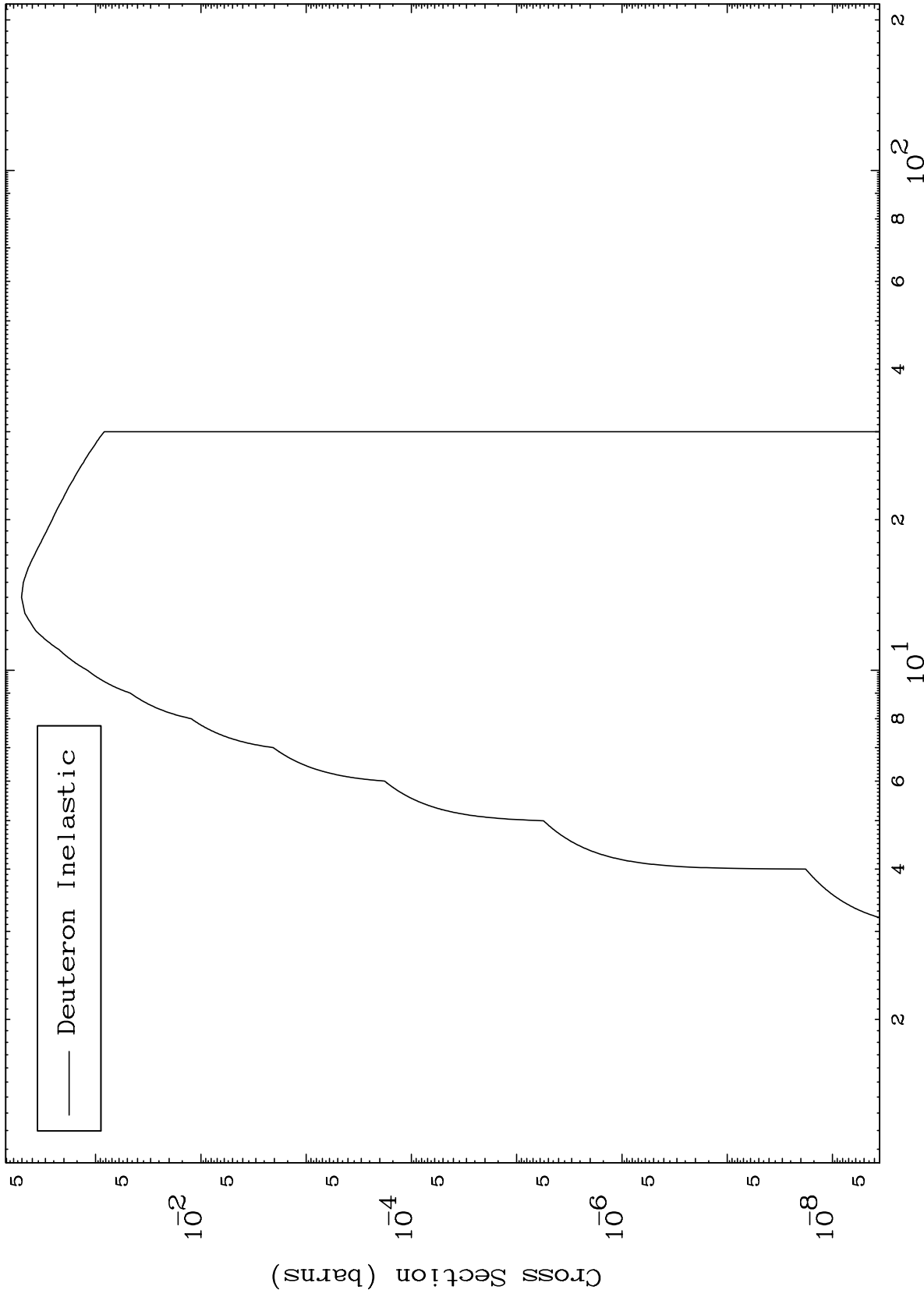




MAT 8192

(d,n') Level
0 Kelvin Cross Sections

82-Pb-193



6

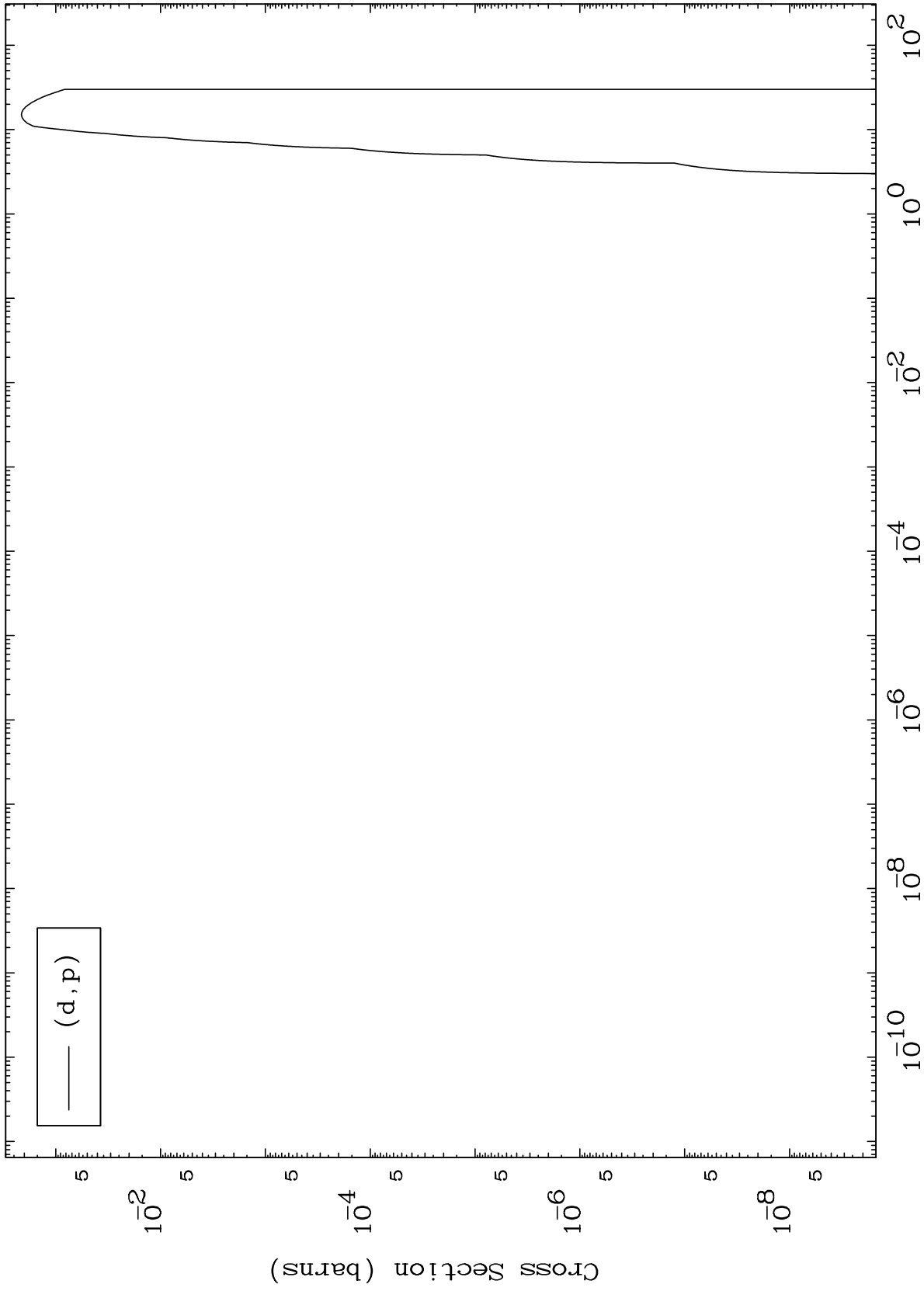
Incident Energy (MeV)

82-Pb-193

MAT 8192

(d,p) Levels
0 Kelvin Cross Sections

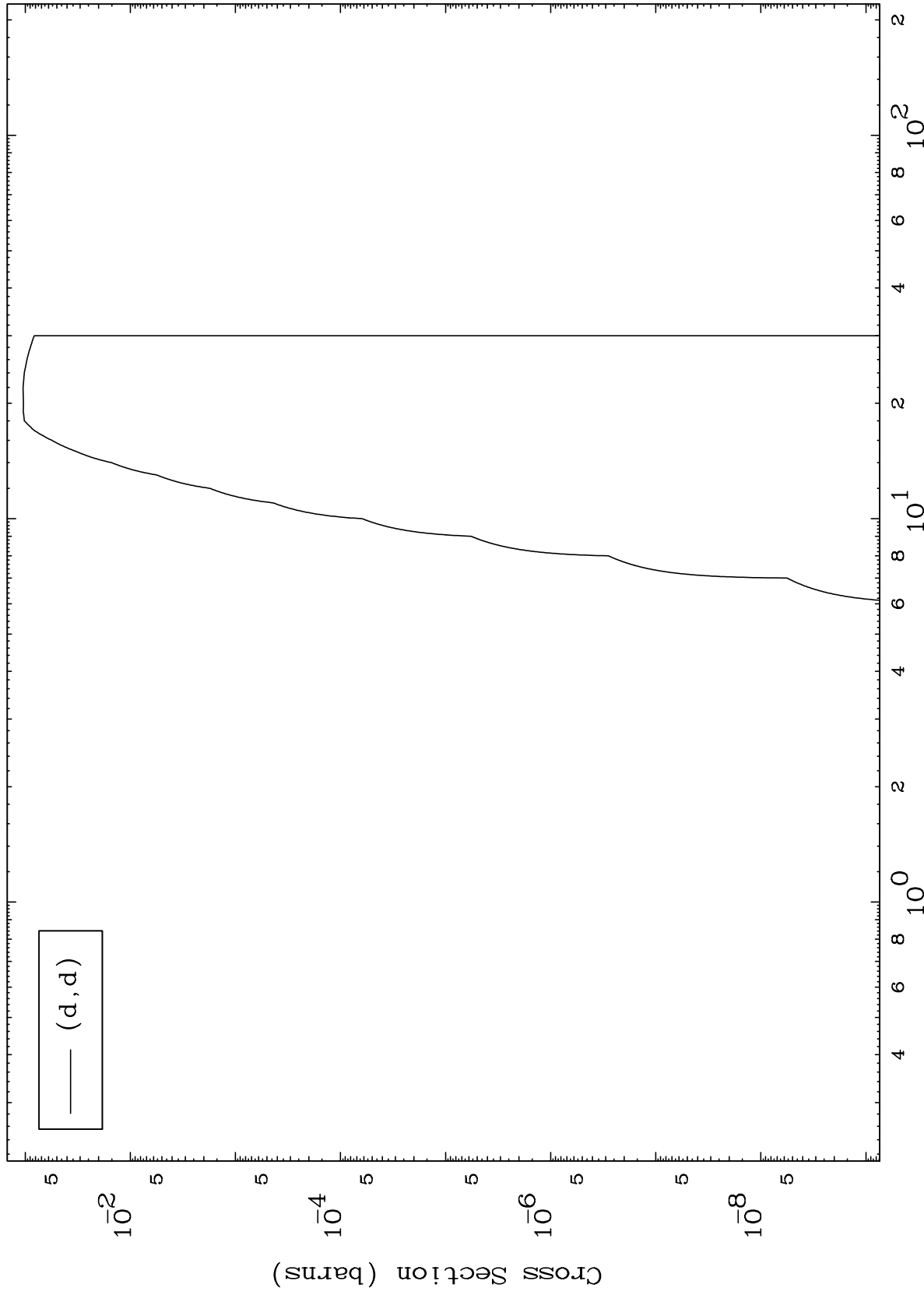
82-Pb-193

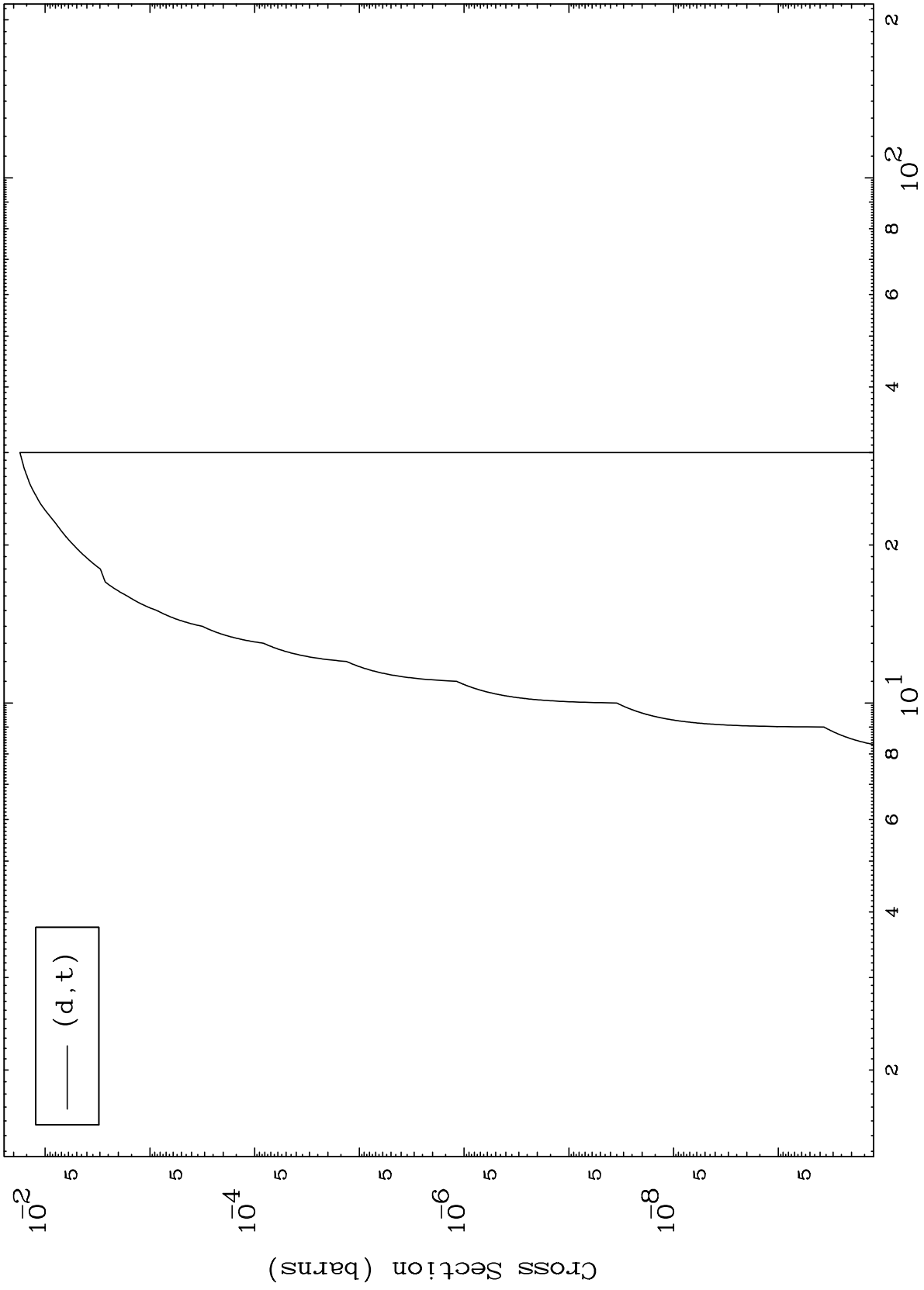


7

Incident Energy (MeV)

82-Pb-193

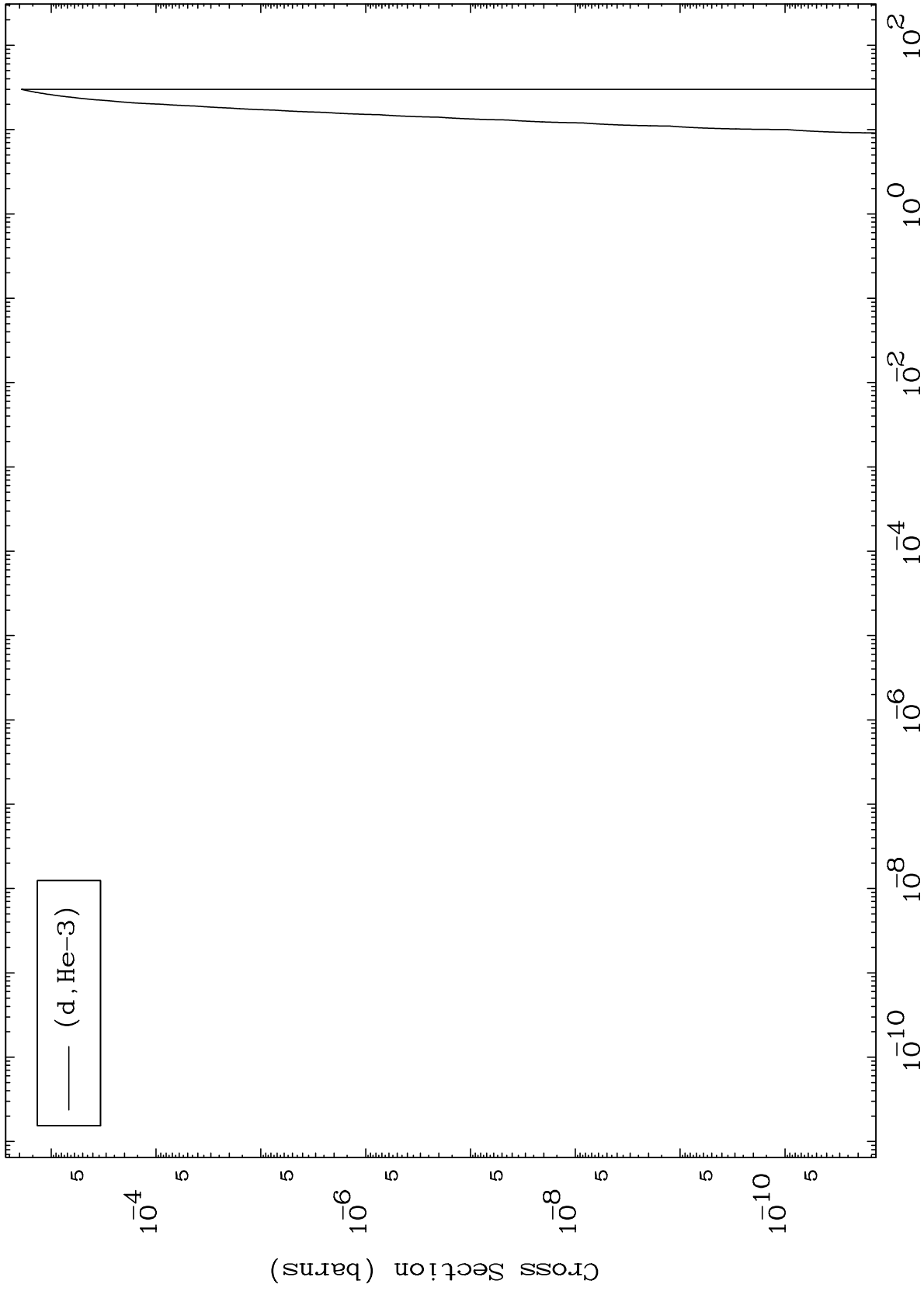




MAT 8192

(d,He3) Levels
0 Kelvin Cross Sections

82-Pb-193



10

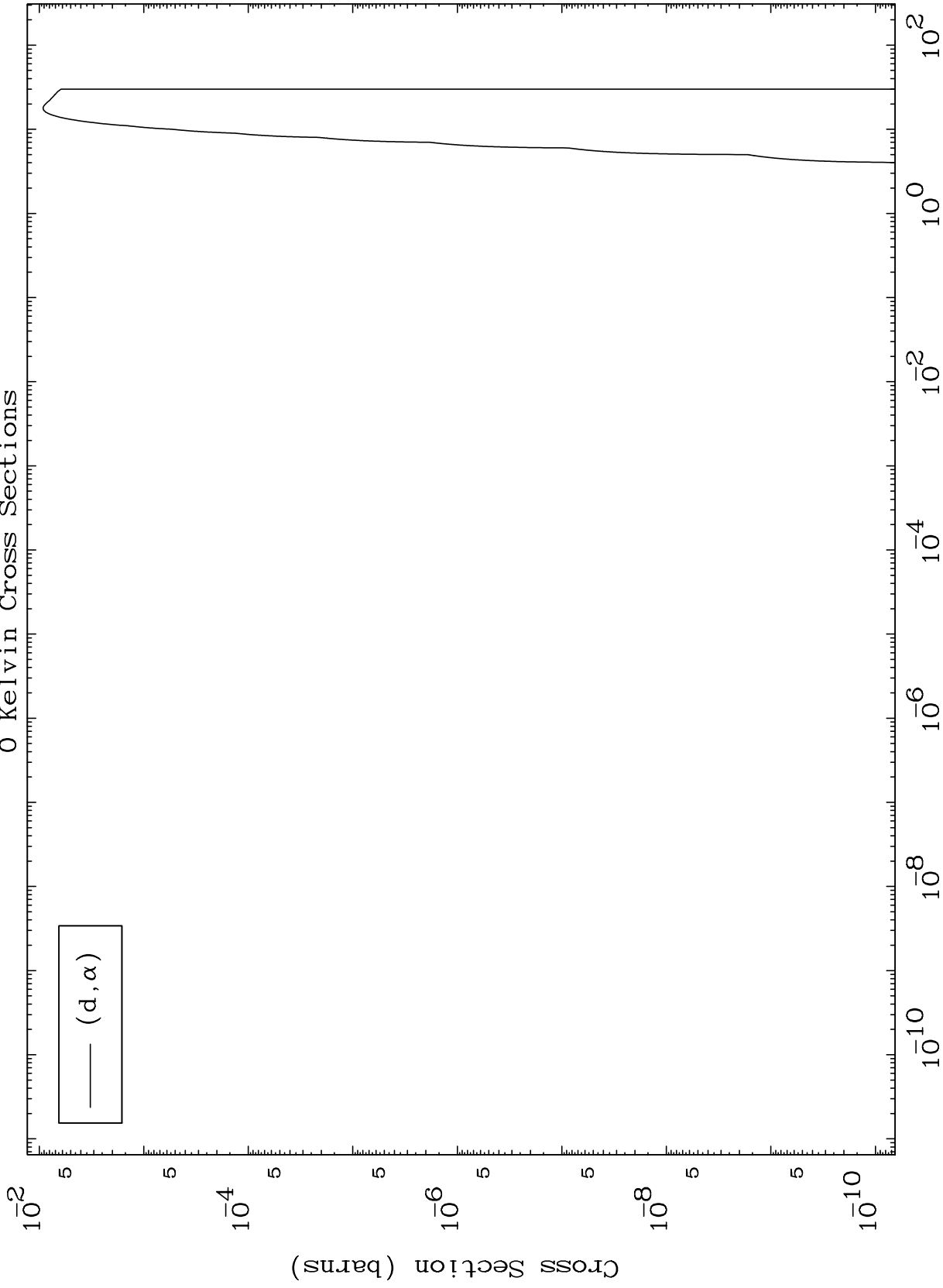
Incident Energy (MeV)

82-Pb-193

MAT 8192

(d, α) Levels
0 Kelvin Cross Sections

82-Pb-193

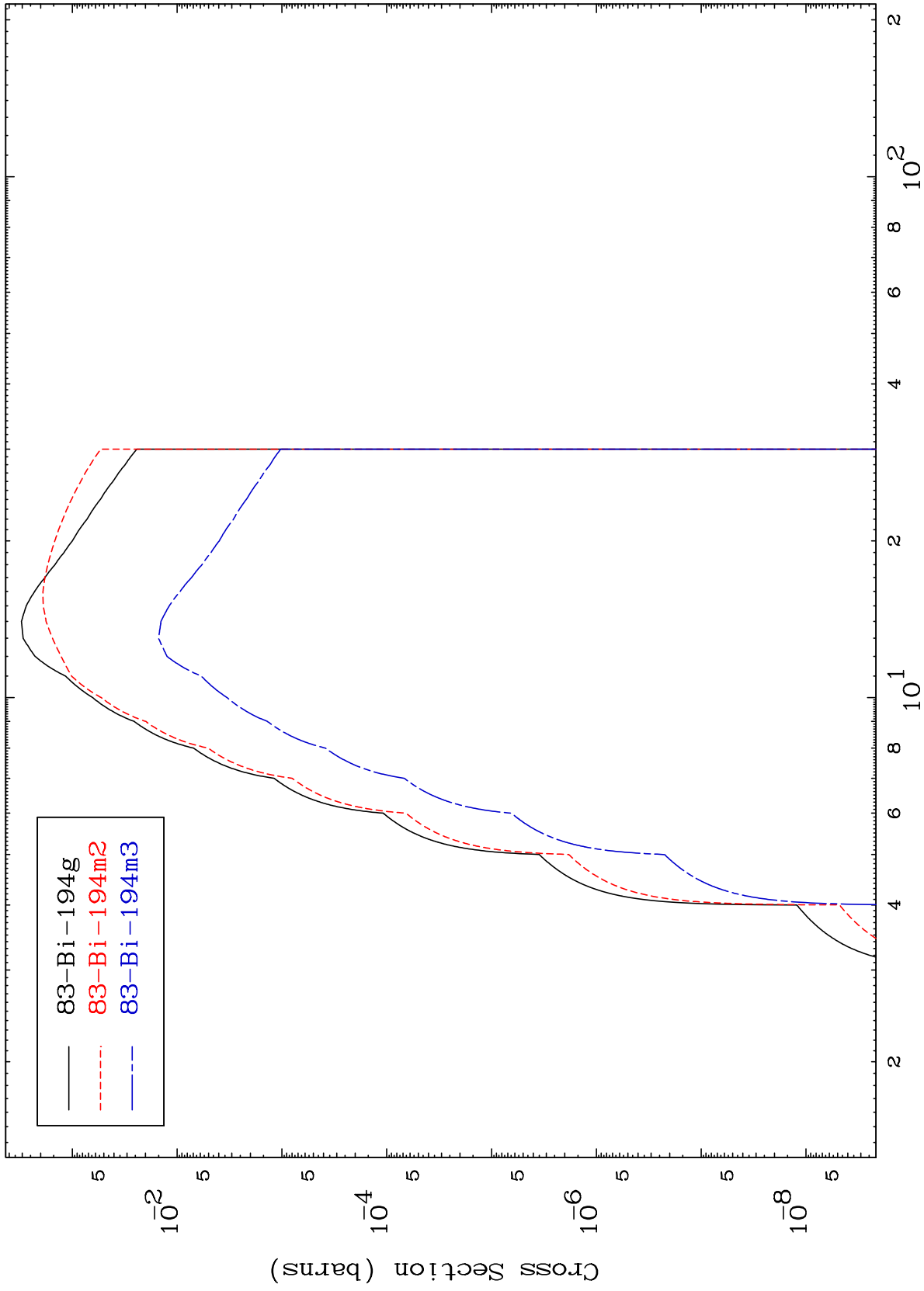


11

Incident Energy (MeV)

82-Pb-193

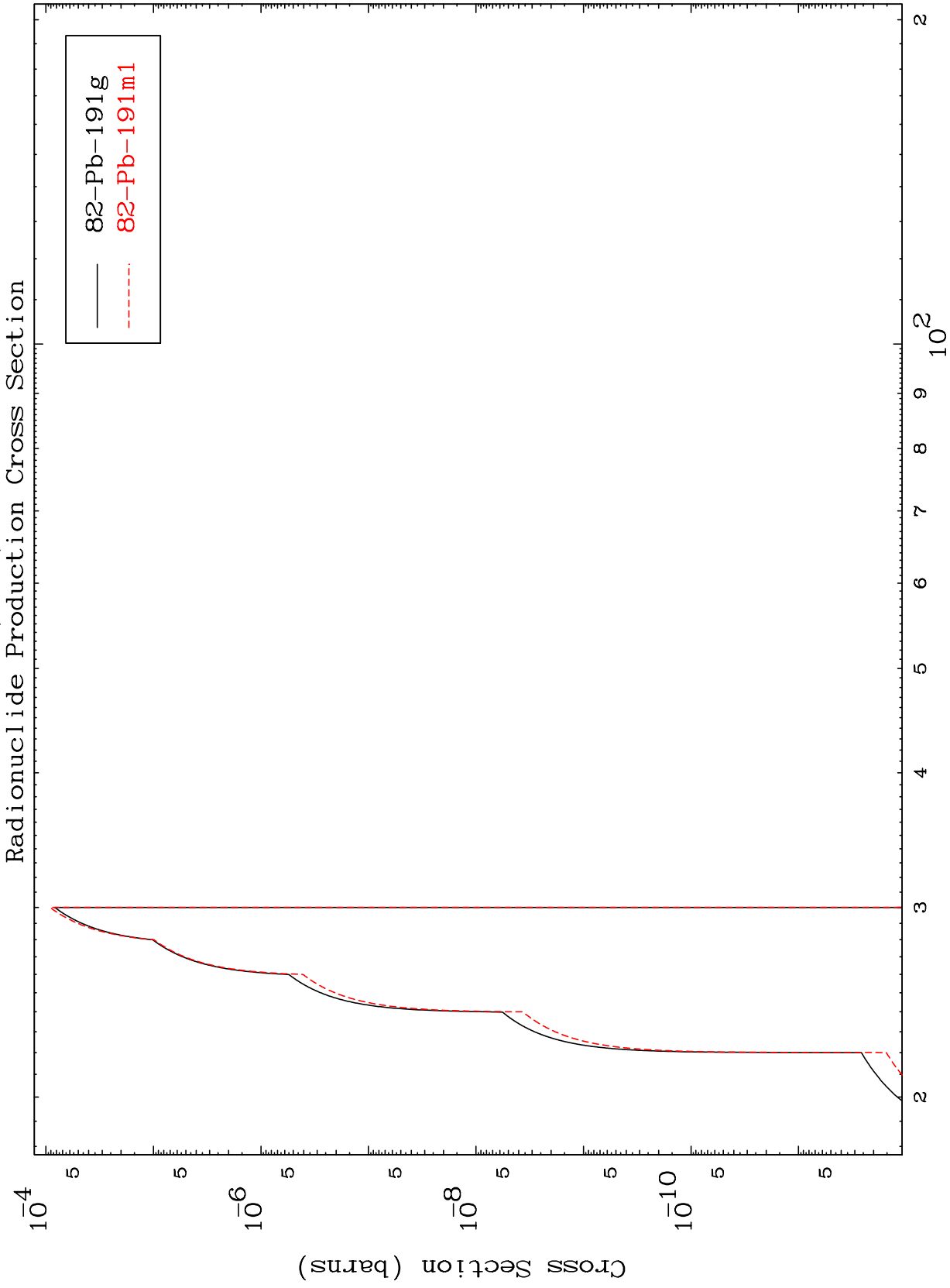
Deuteron Inelastic
Radionuclide Production Cross Section



MAT 8192

(d,2n) d

82-Pb-193



13

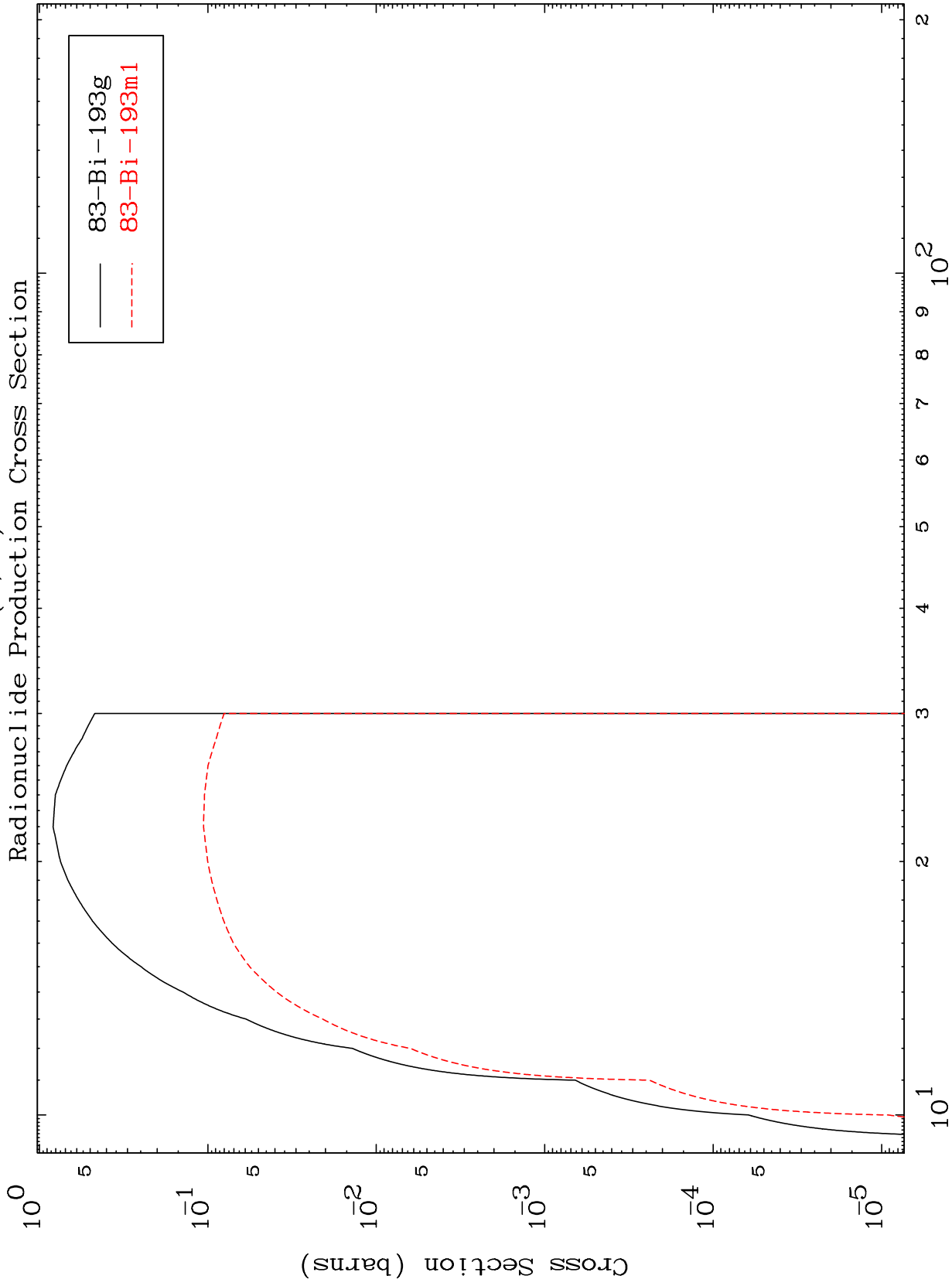
Incident Energy (MeV)

82-Pb-193

MAT 8192

82-Pb-193

(d,2n)
Radionuclide Production Cross Section



14

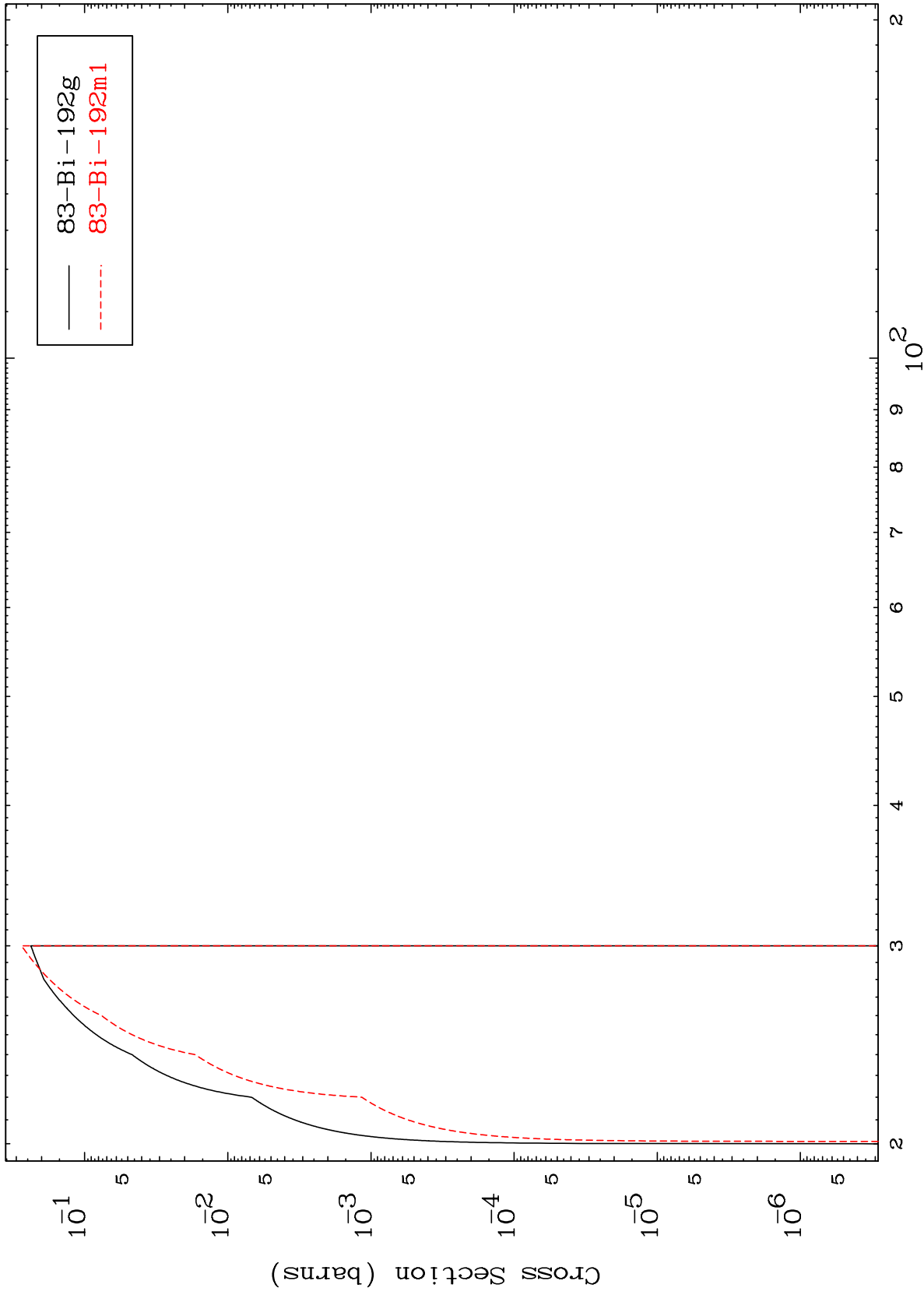
Incident Energy (MeV)

82-Pb-193

MAT 8192

82-Pb-193

(d,3n)
Radionuclide Production Cross Section



15

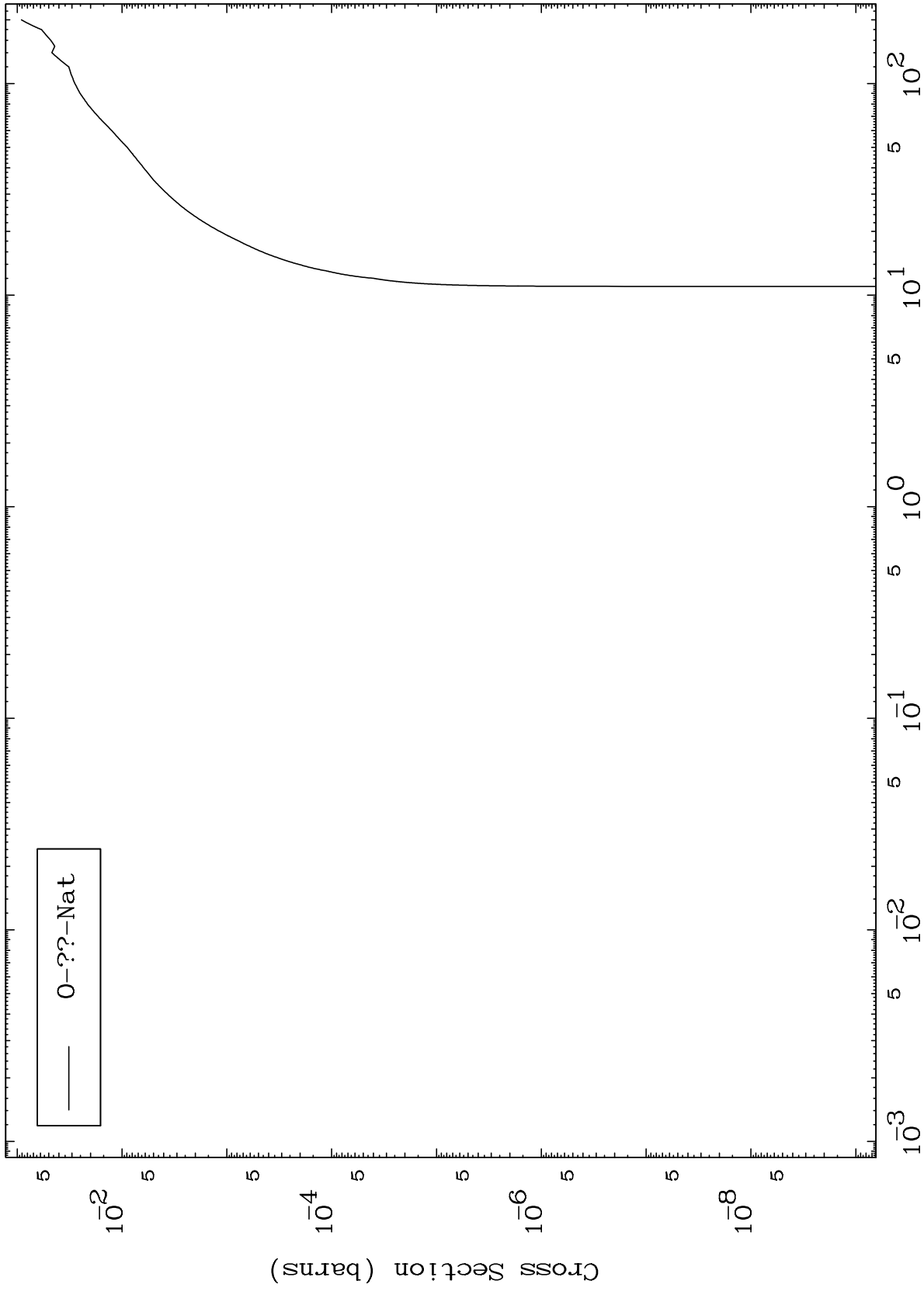
Incident Energy (MeV)

82-Pb-193

MAT 8192

Deuteron Fission
Radionuclide Production Cross Section

82-Pb-193



16

Incident Energy (MeV)

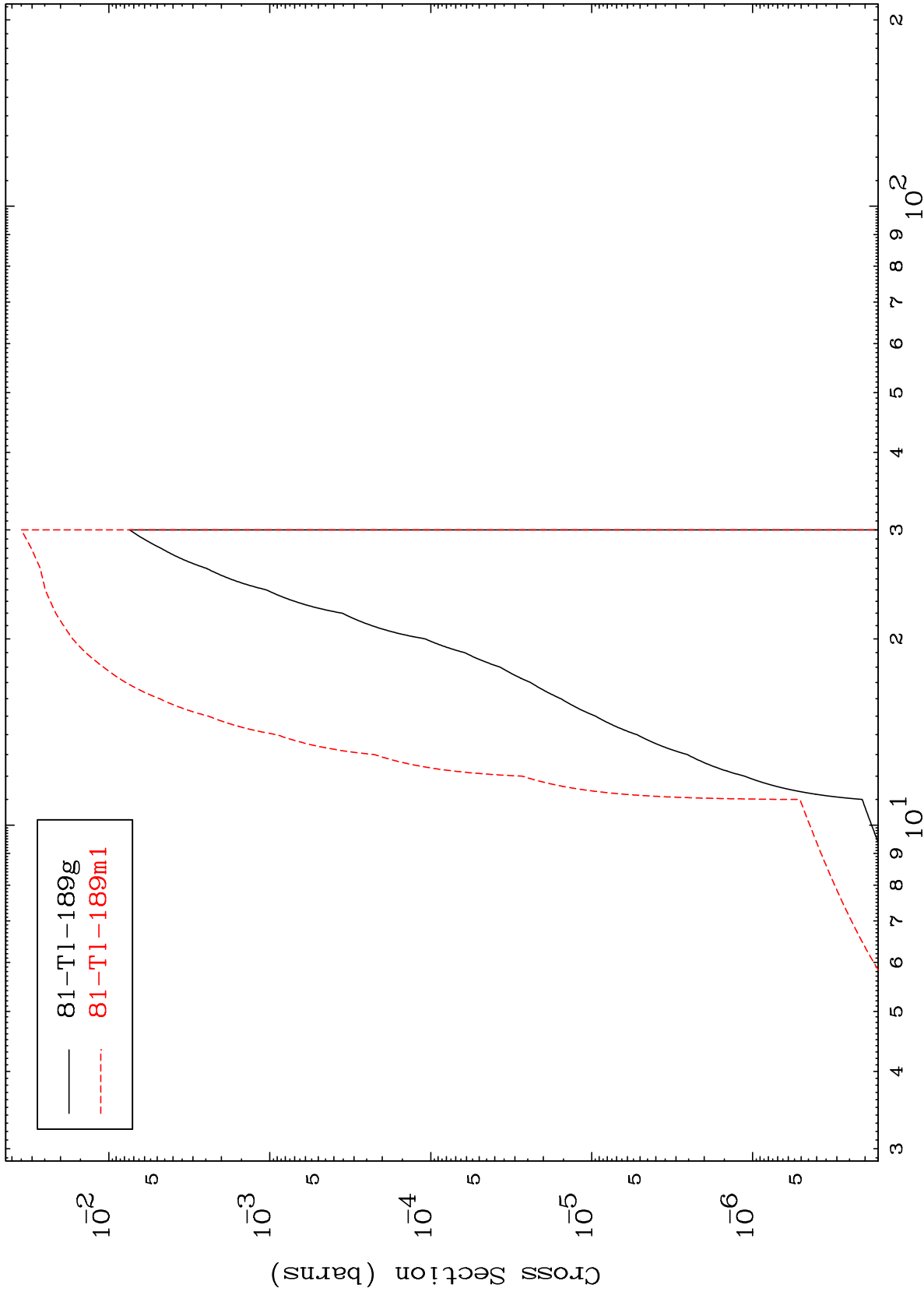
82-Pb-193

MAT 8192

(d,2n) α

82-Pb-193

Radionuclide Production Cross Section



17

Incident Energy (MeV)

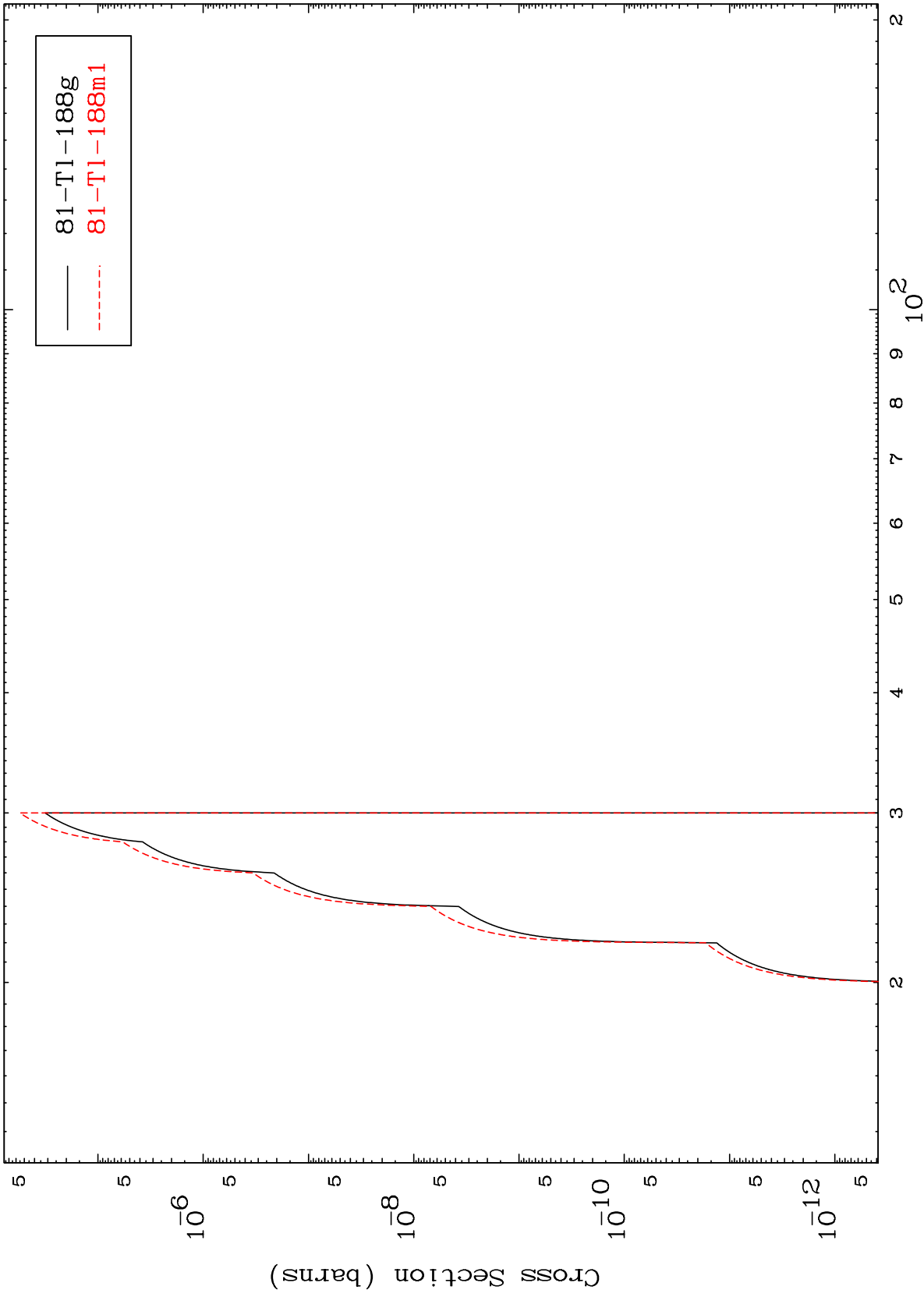
82-Pb-193

MAT 8192

(d,3n) α

82-Pb-193

Radionuclide Production Cross Section



18

Incident Energy (MeV)

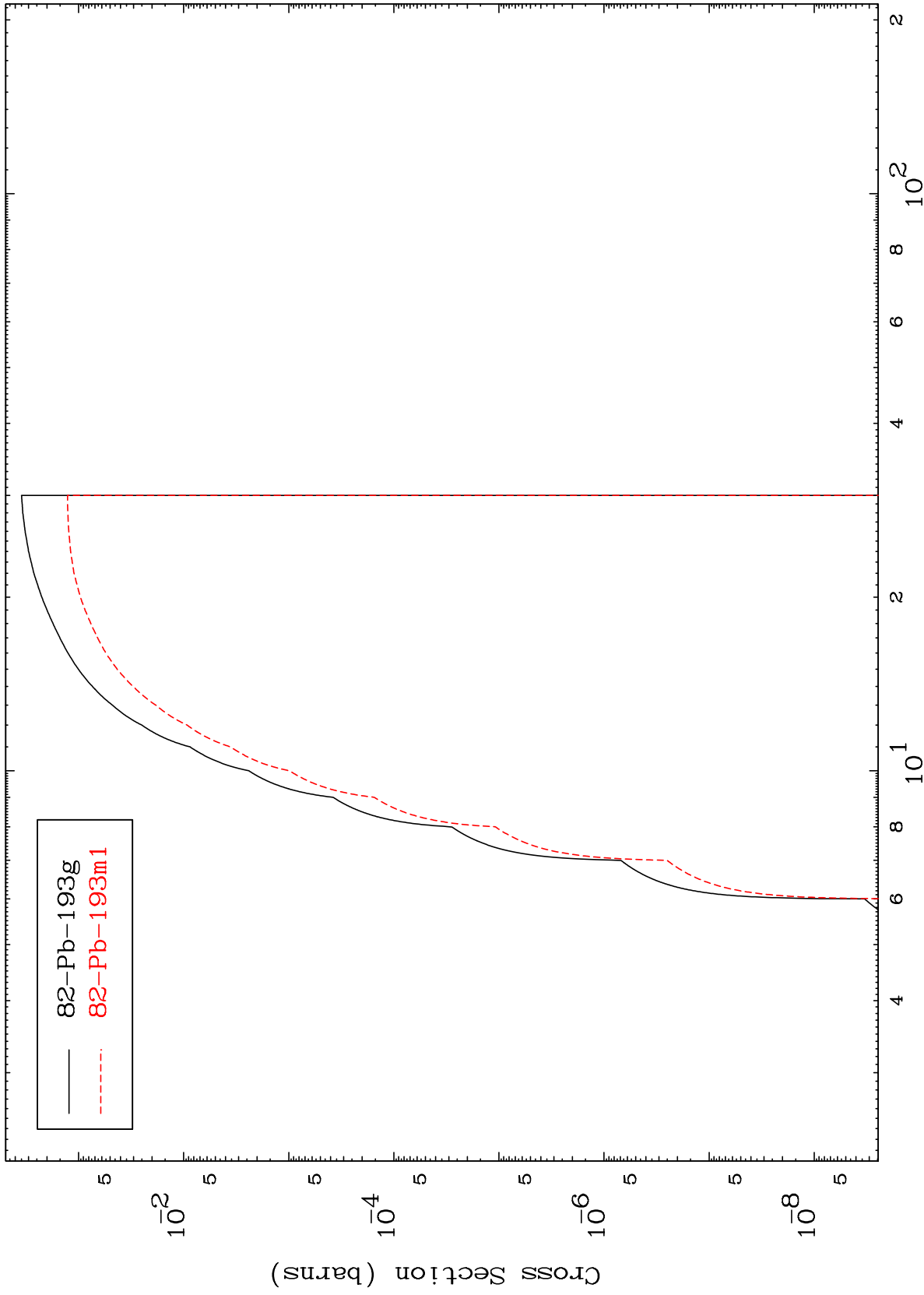
82-Pb-193

MAT 8192

(d,n') p

82-Pb-193

Radionuclide Production Cross Section



19

Incident Energy (MeV)

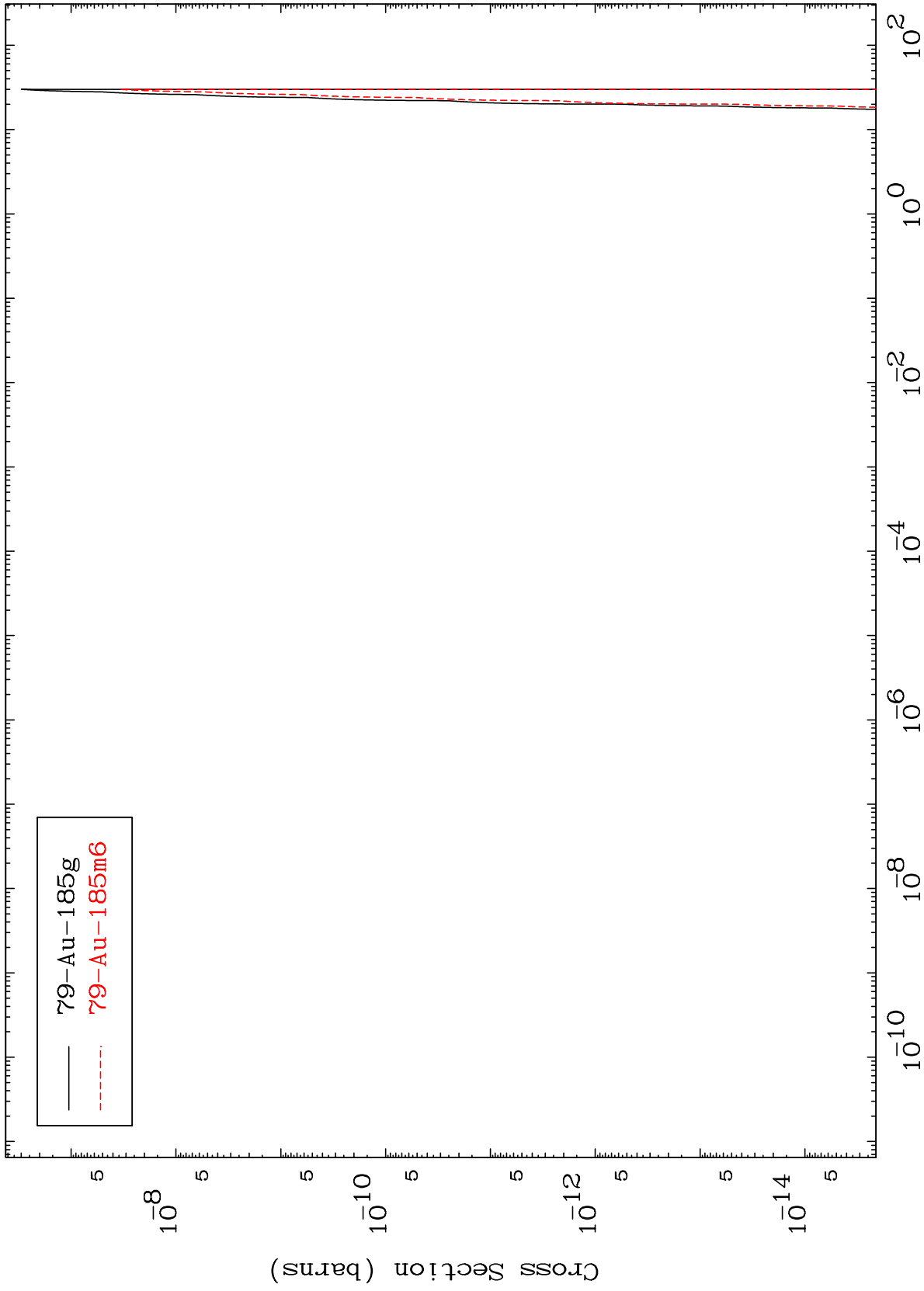
82-Pb-193

MAT 8192

(d,2n) 2 α

82-Pb-193

Radionuclide Production Cross Section



20

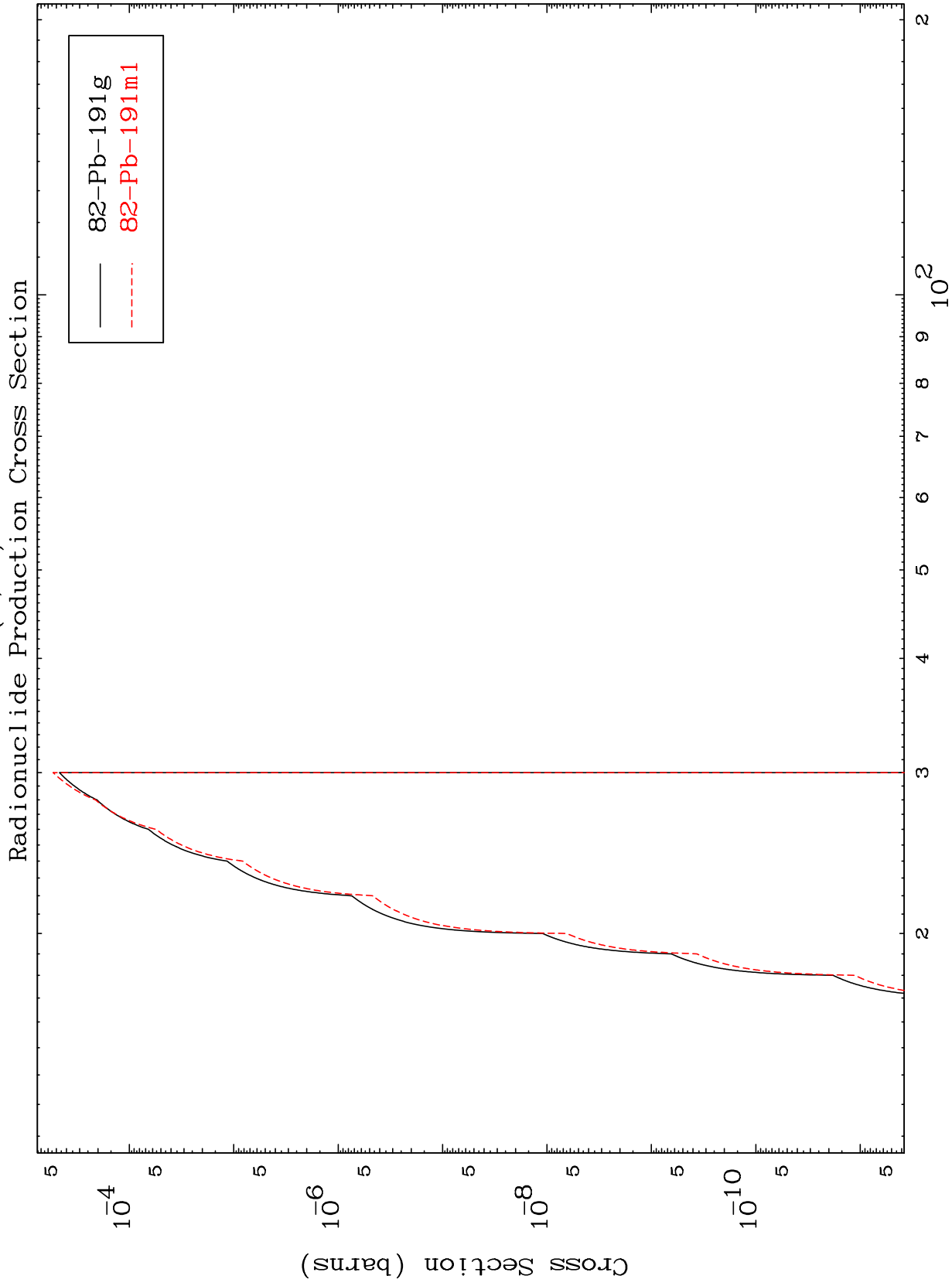
Incident Energy (MeV)

82-Pb-193

MAT 8192

(d,n') t

82-Pb-193



21

Incident Energy (MeV)

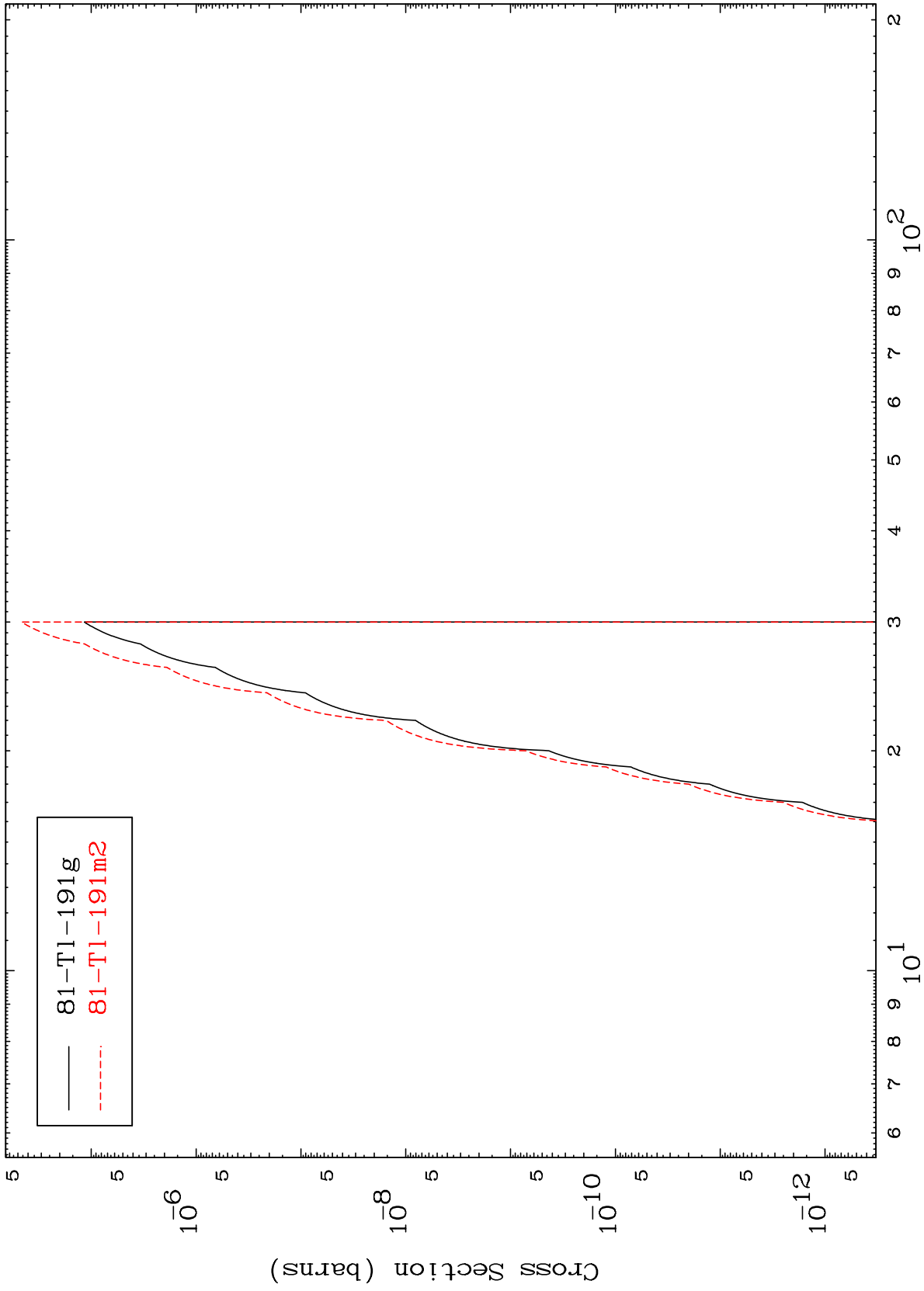
82-Pb-193

MAT 8192

(d, n') He-3

82-Pb-193

Radionuclide Production Cross Section



22

Incident Energy (MeV)

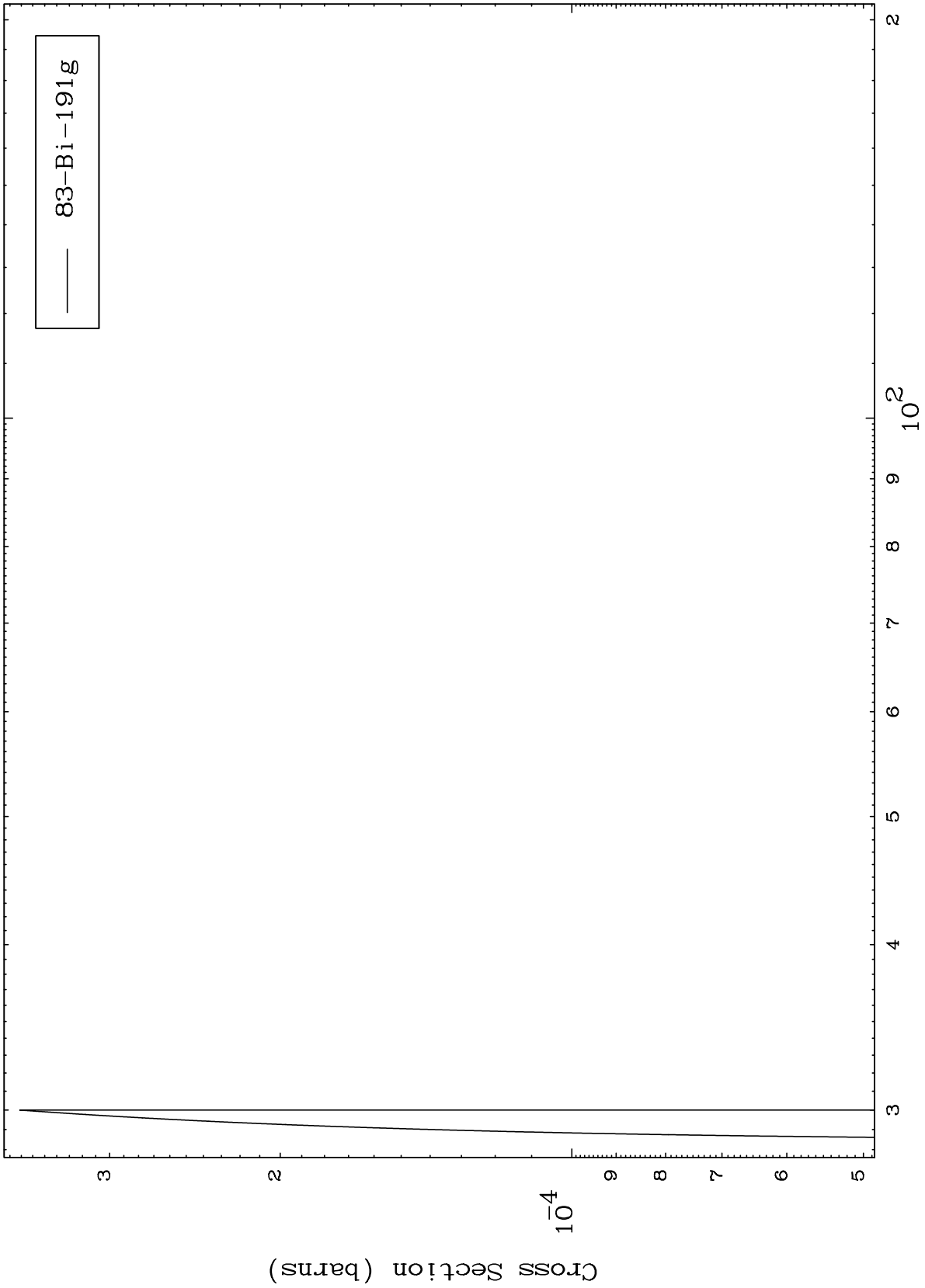
82-Pb-193

MAT 8192

(d,4n)

82-Pb-193

Radionuclide Production Cross Section



83-Bi-191g

23

Incident Energy (MeV)

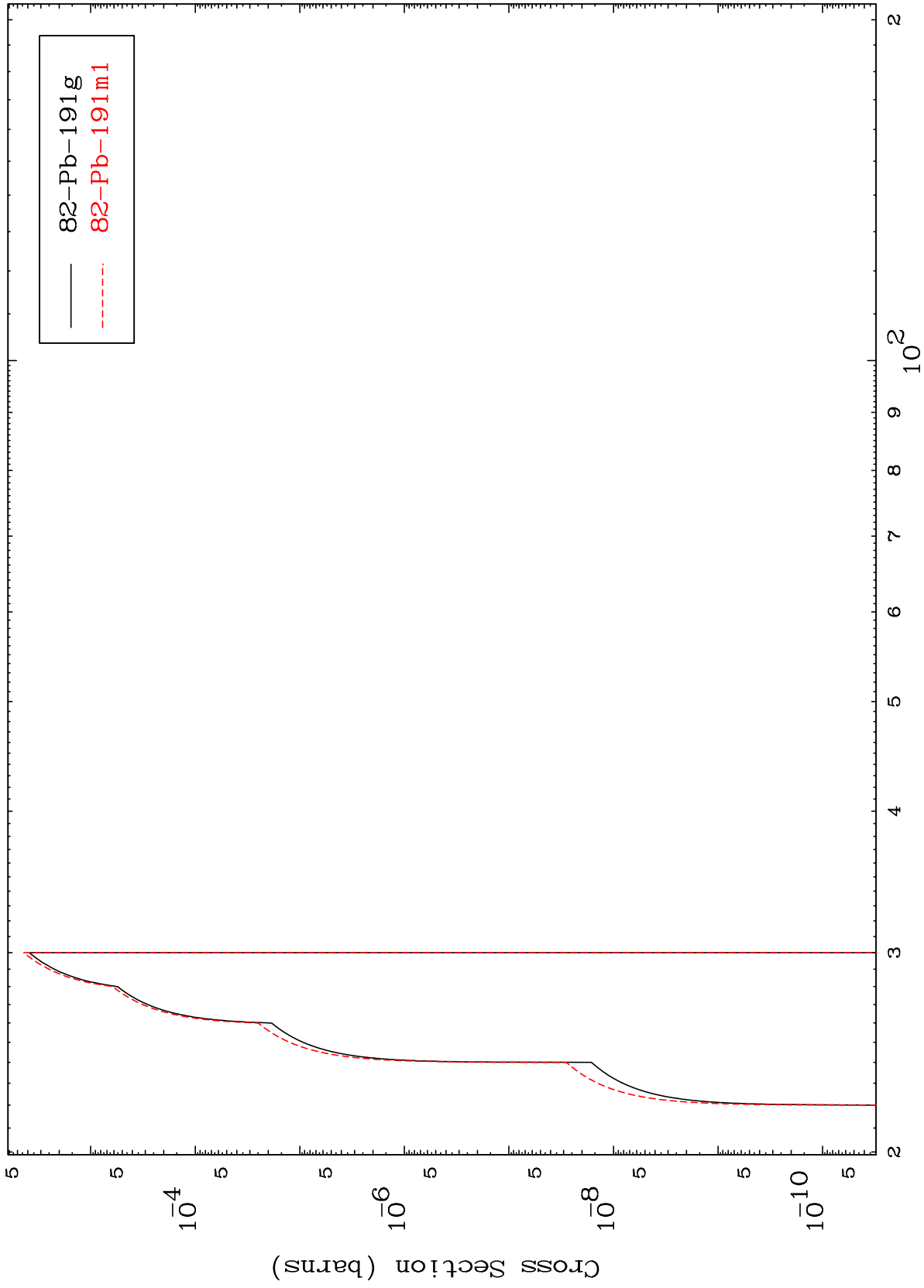
82-Pb-193

MAT 8192

(d,3n) p

⁸²Pb-193

Radionuclide Production Cross Section



24

Incident Energy (MeV)

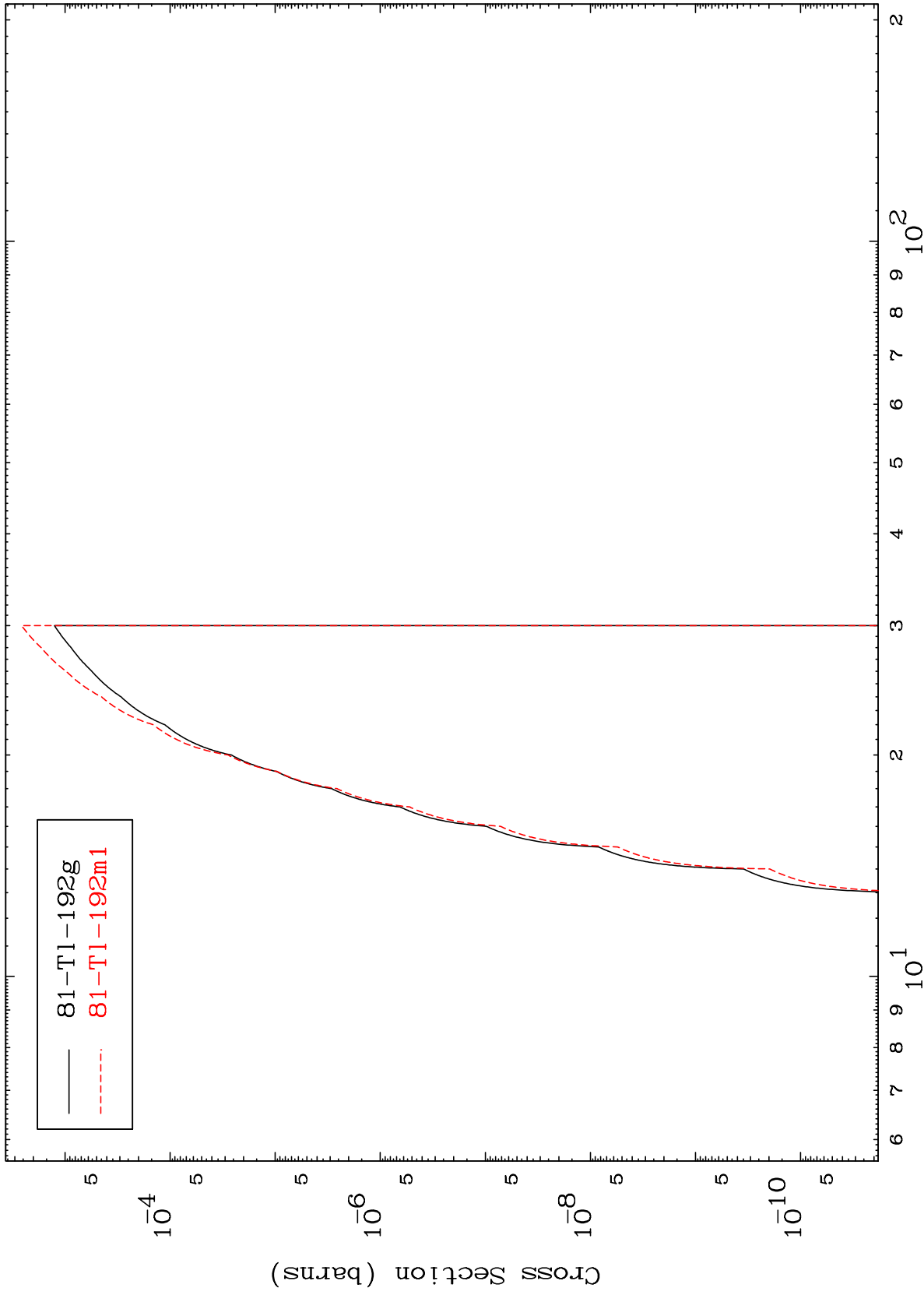
⁸²Pb-193

MAT 8192

(d,2n) p

82-Pb-193

Radionuclide Production Cross Section



25

Incident Energy (MeV)

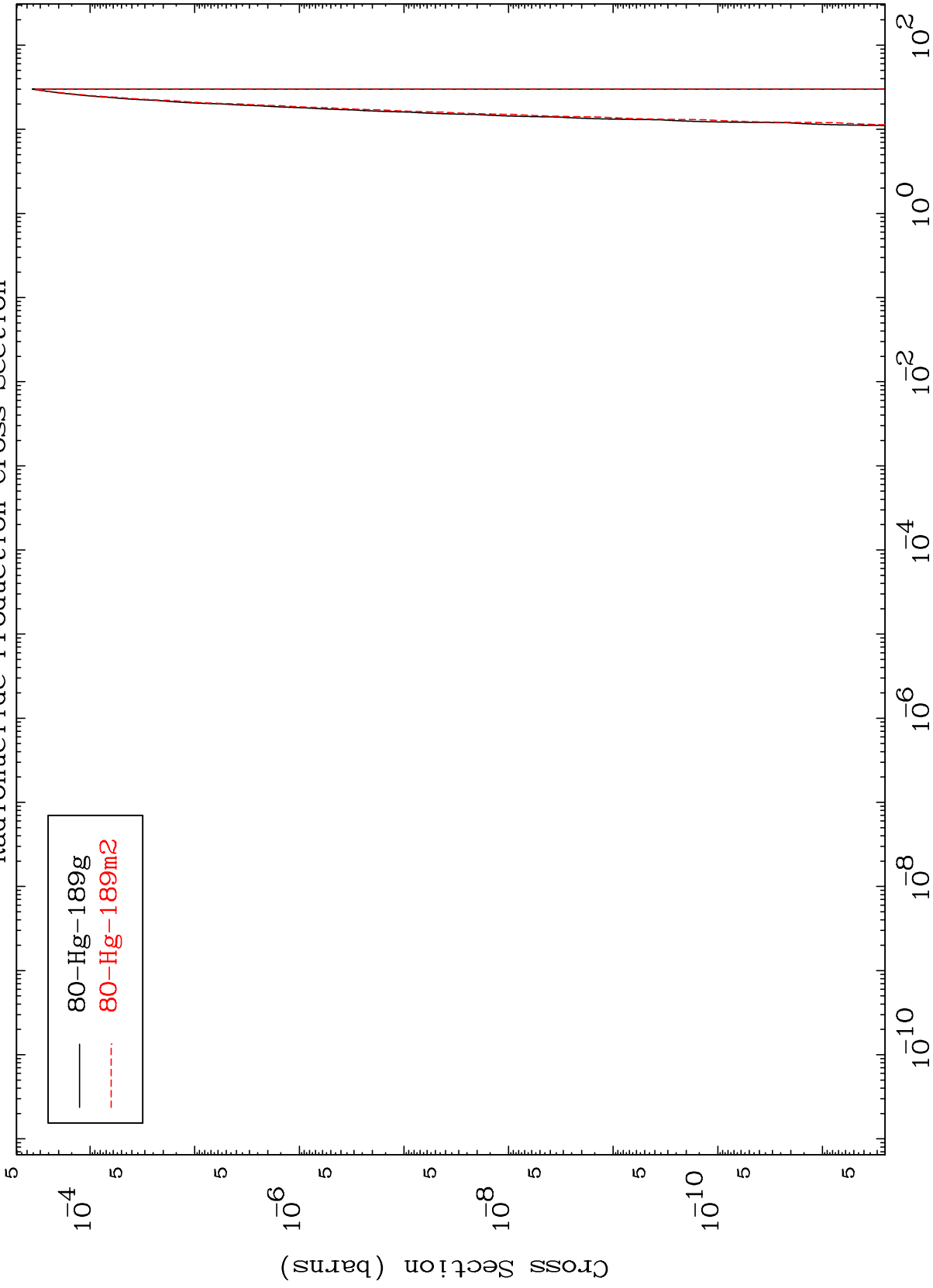
82-Pb-193

MAT 8192

(d,n') p α

82-Pb-193

Radionuclide Production Cross Section



26

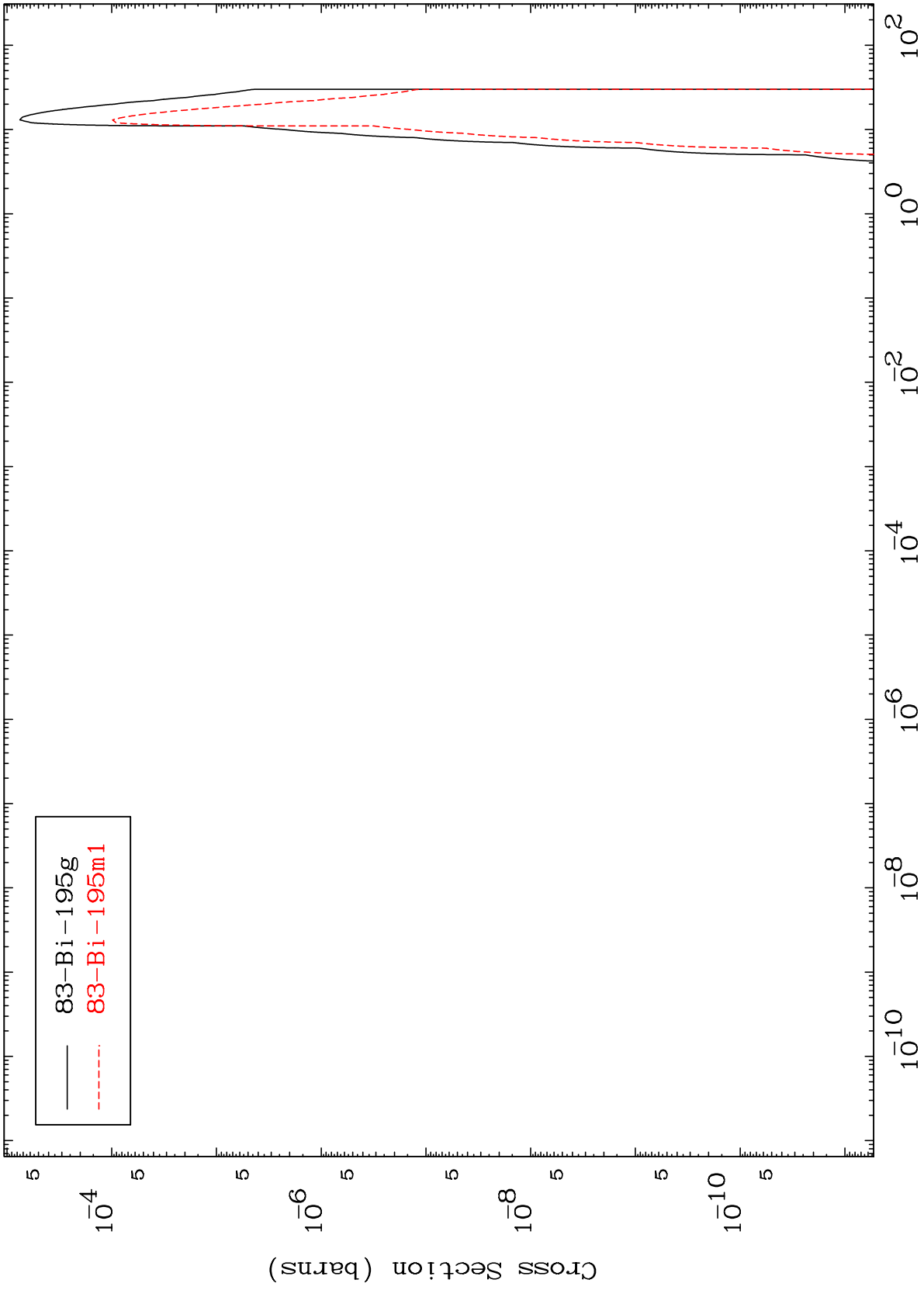
Incident Energy (MeV)

82-Pb-193

MAT 8192

(d, γ)
Radionuclide Production Cross Section

$^{82}\text{Pb-193}$



27

Incident Energy (MeV)

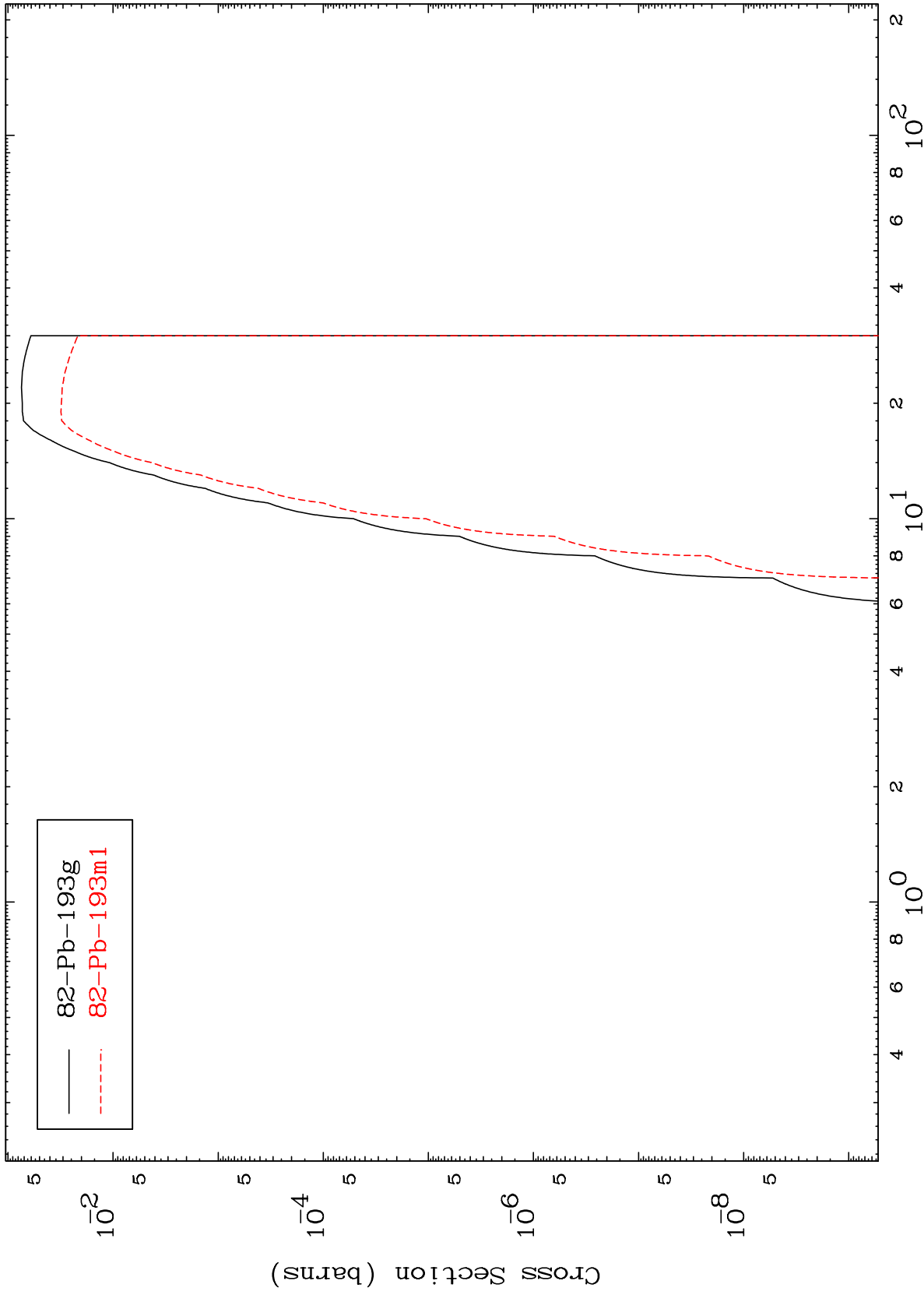
$^{82}\text{Pb-193}$

MAT 8192

(d,d)

82-Pb-193

Radionuclide Production Cross Section



28

Incident Energy (MeV)

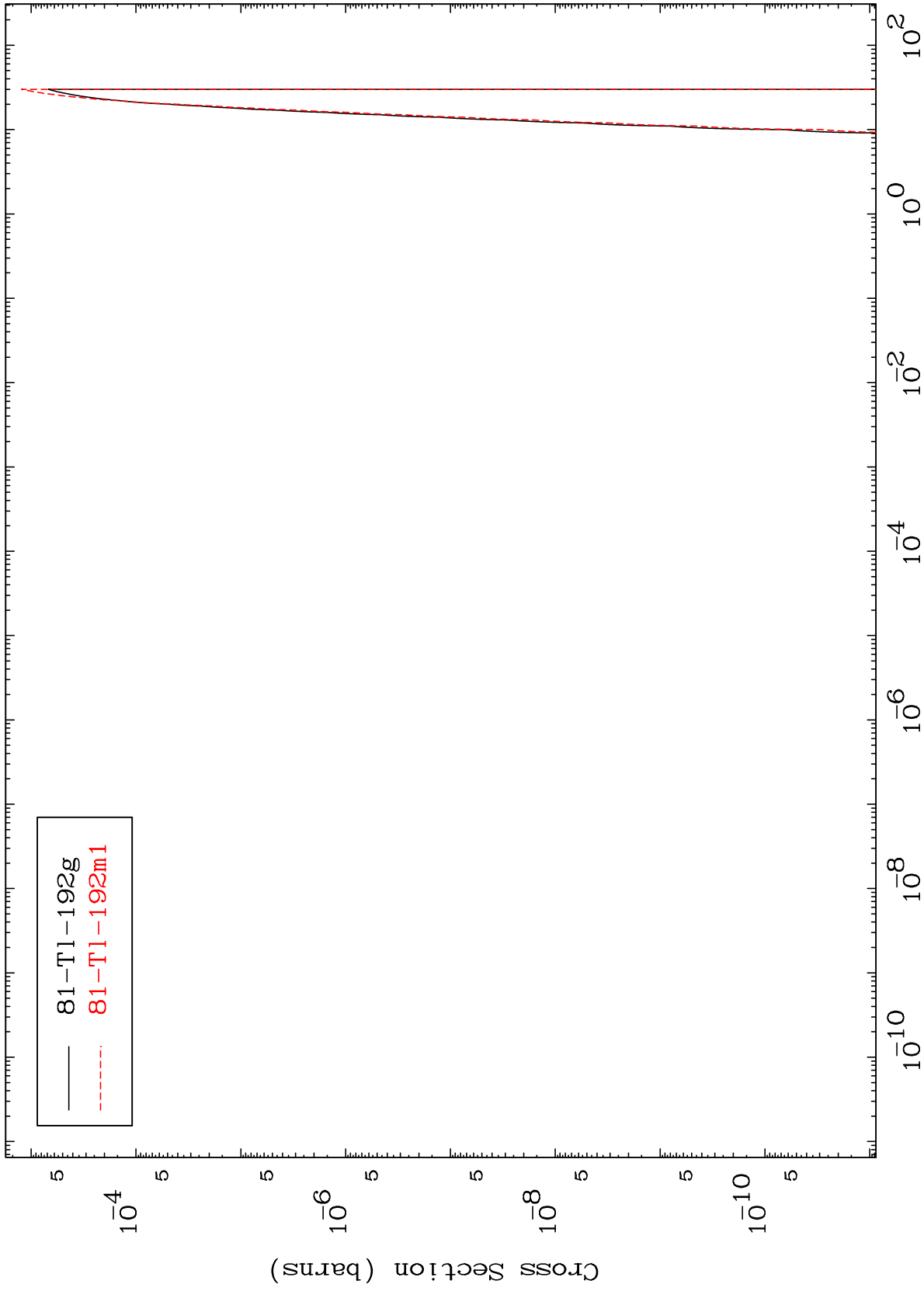
82-Pb-193

MAT 8192

(d, He-3)

82-Pb-193

Radionuclide Production Cross Section



29

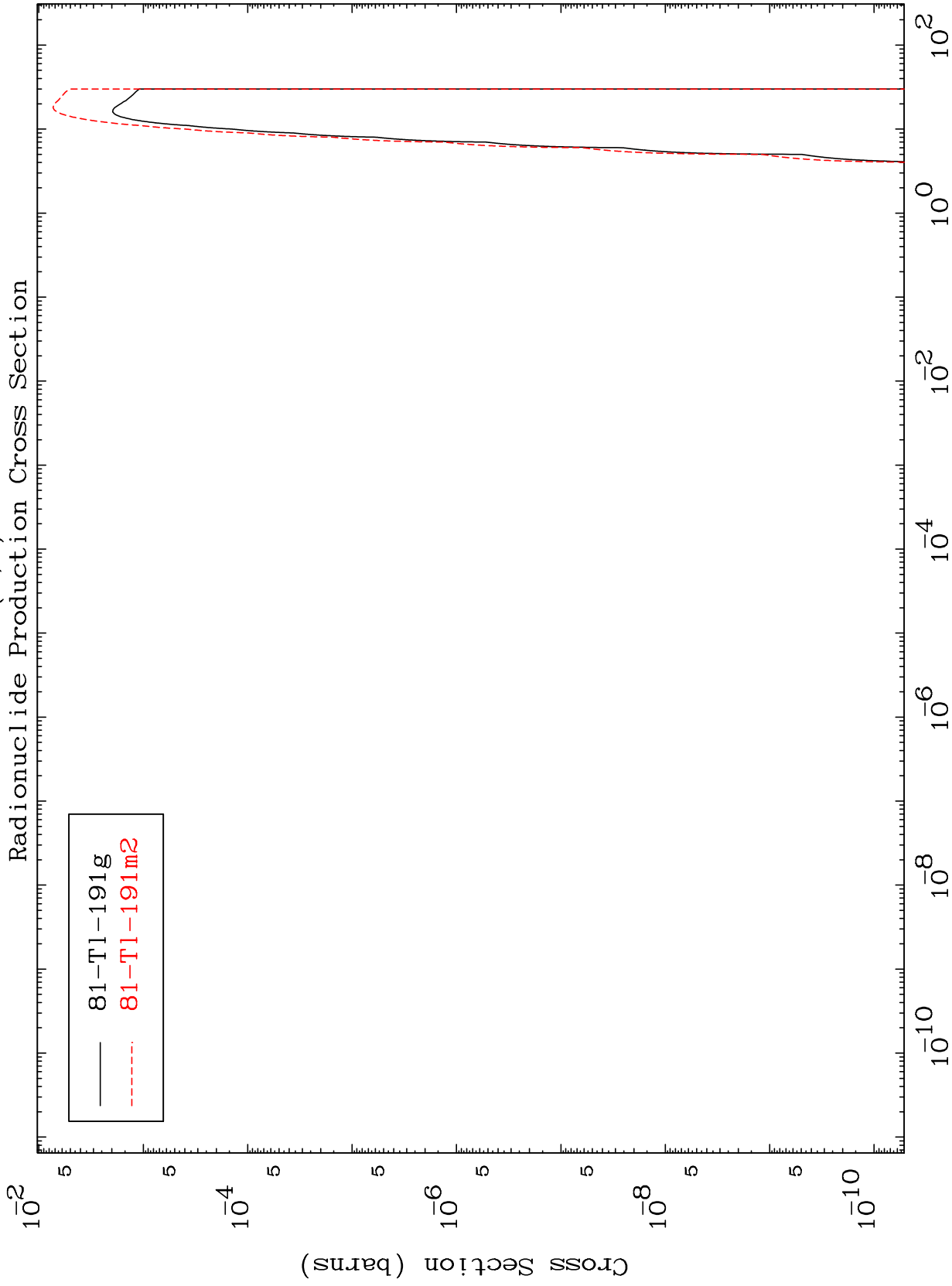
Incident Energy (MeV)

82-Pb-193

MAT 8192

(d, α)

82-Pb-193

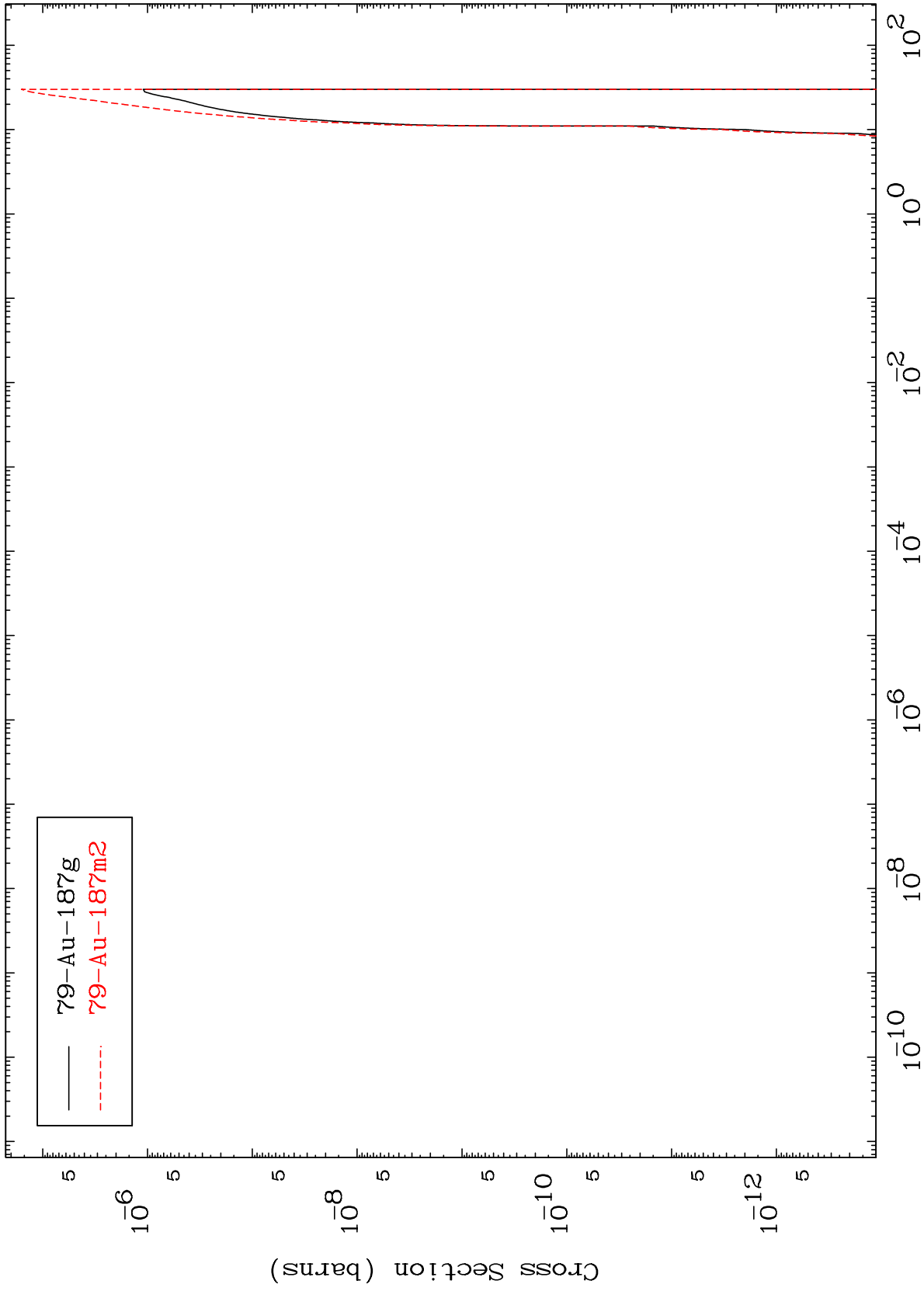


MAT 8192

(d,2α)

82-Pb-193

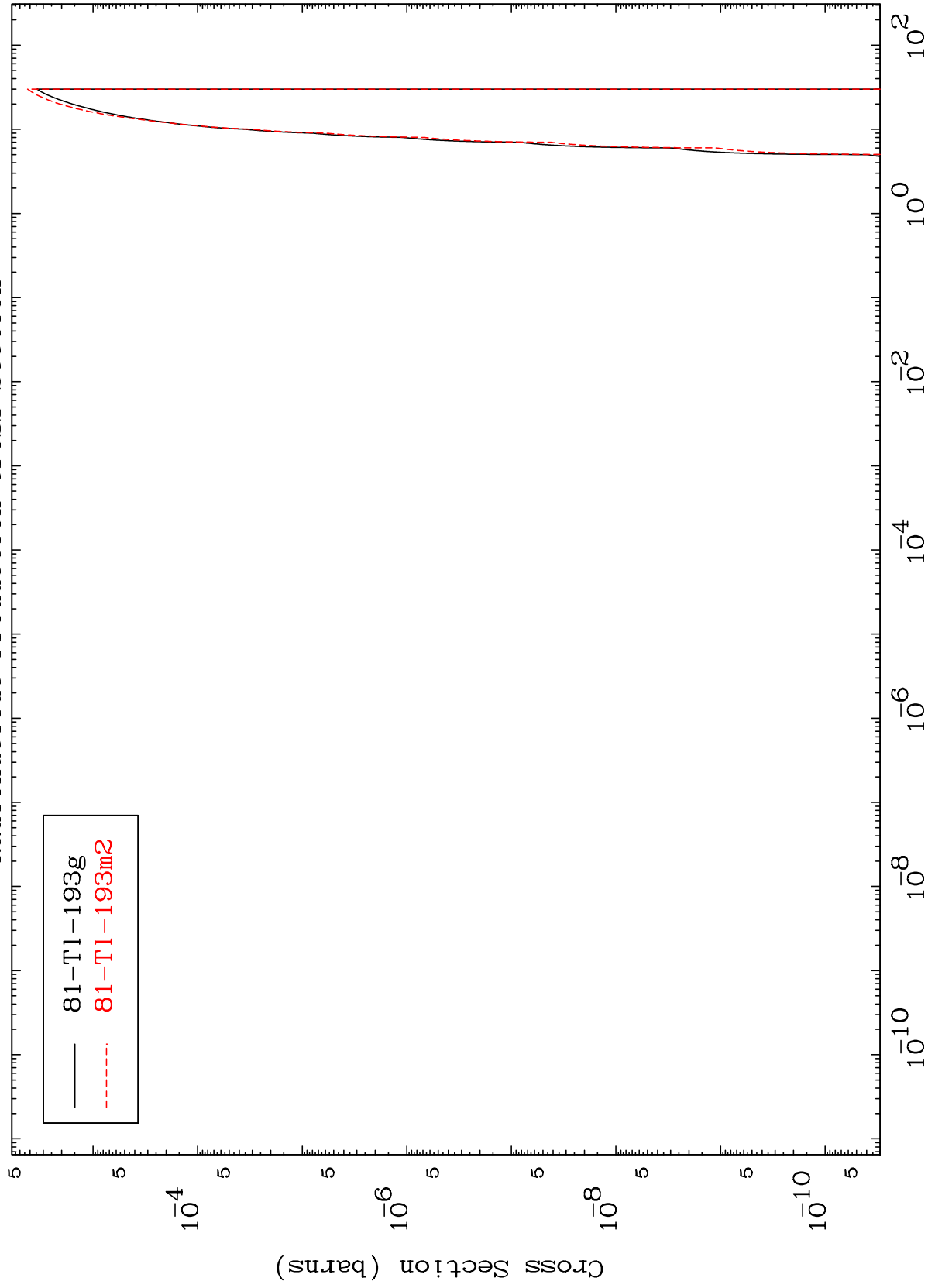
Radionuclide Production Cross Section



MAT 8192

82-Pb-193

(d,2p)
Radionuclide Production Cross Section



32

82-Pb-193

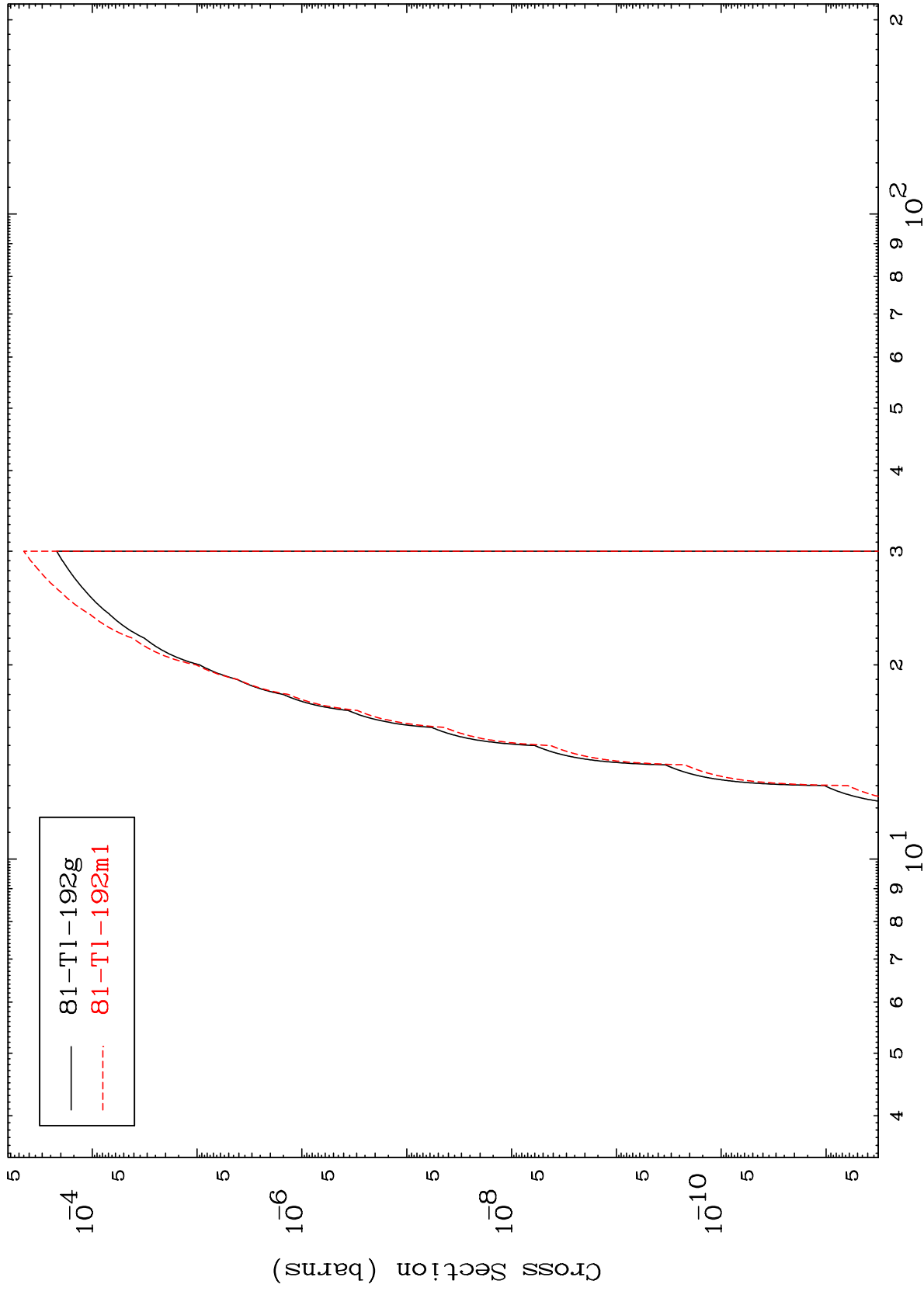
Incident Energy (MeV)

MAT 8192

(d,p) d

82-Pb-193

Radionuclide Production Cross Section



33

Incident Energy (MeV)

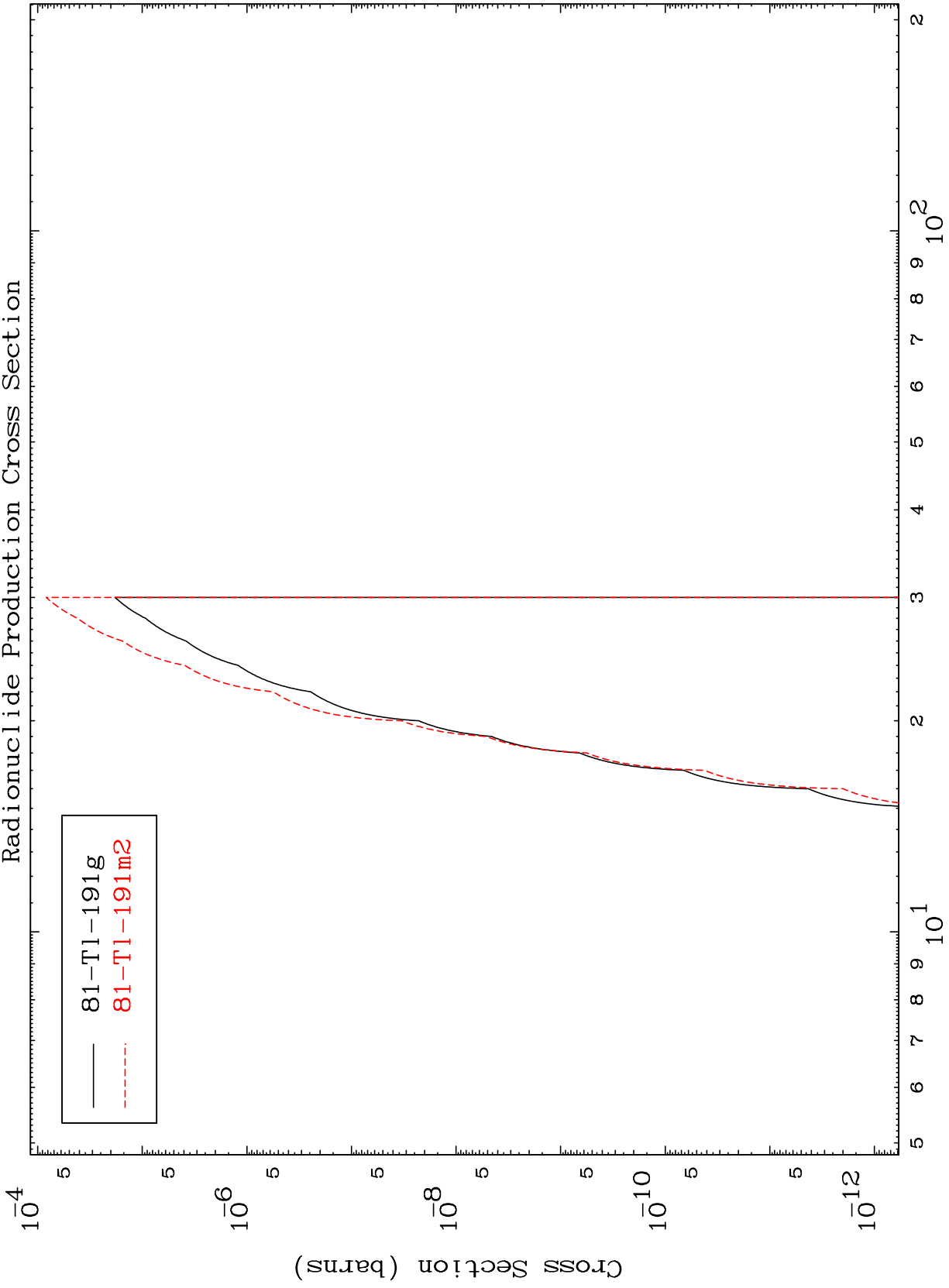
82-Pb-193

MAT 8192

(d,p) t

82-Pb-193

Radionuclide Production Cross Section



34

Incident Energy (MeV)

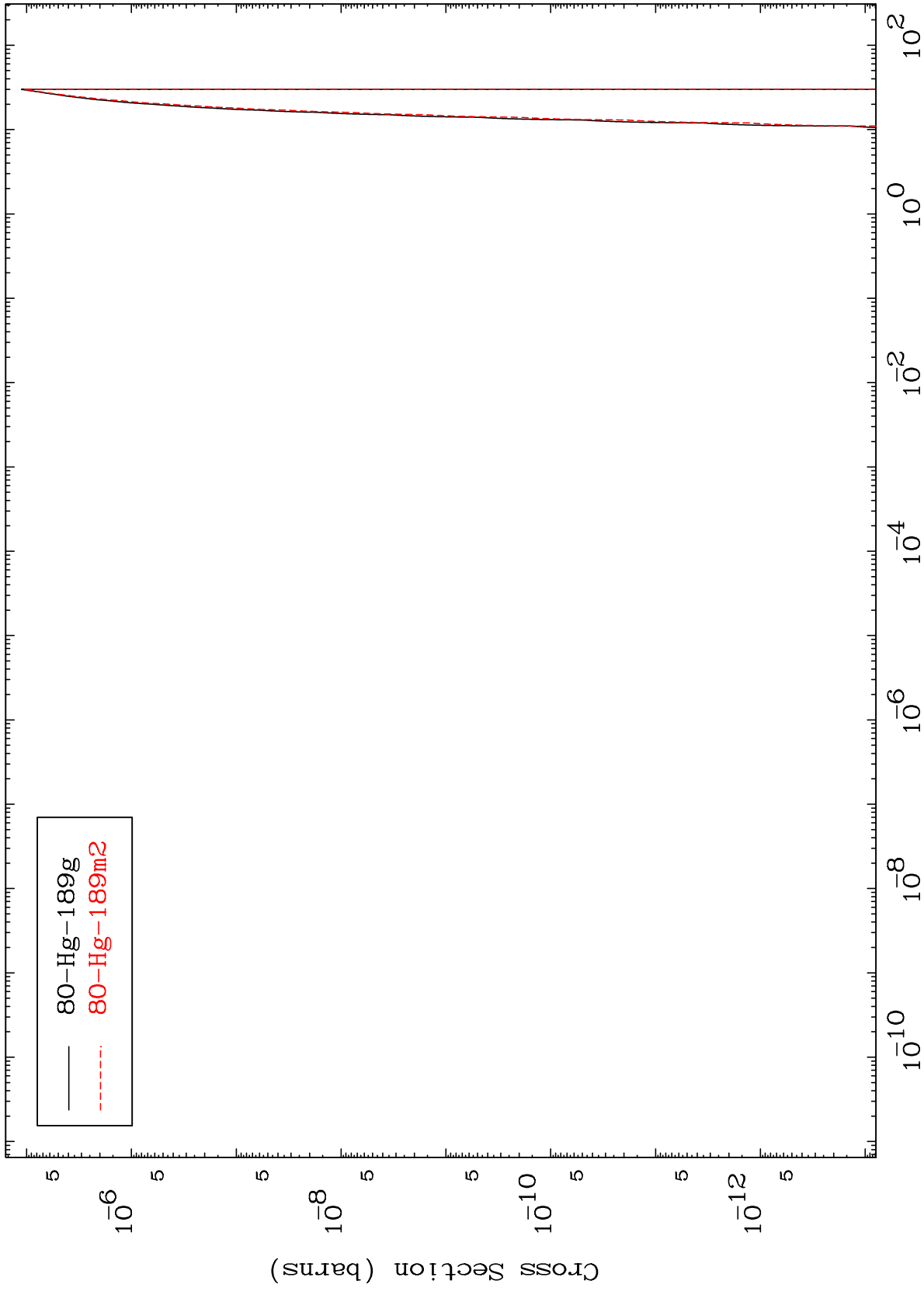
82-Pb-193

MAT 8192

(d,d) α

82-Pb-193

Radionuclide Production Cross Section



35

Incident Energy (MeV)

82-Pb-193