

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

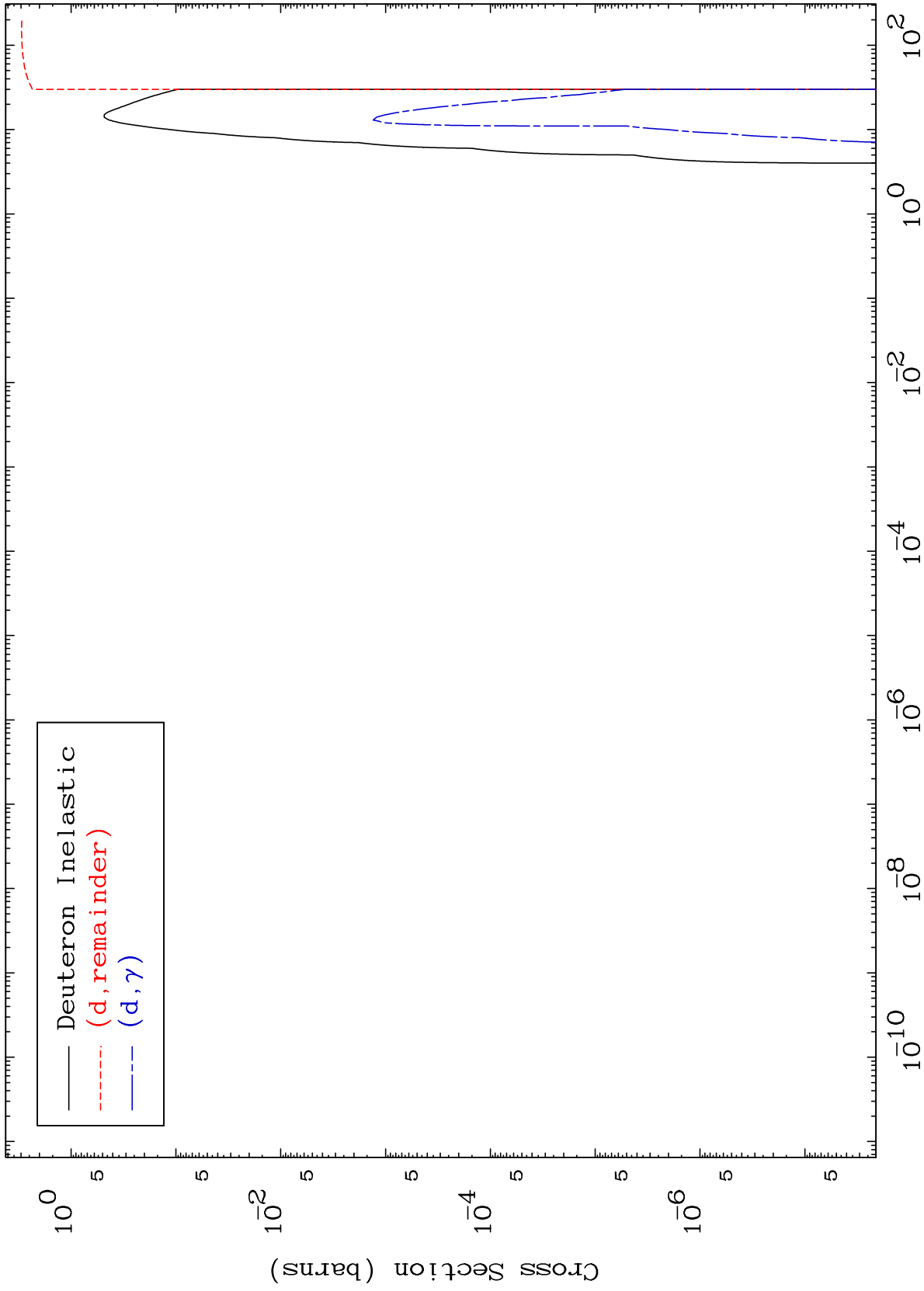
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Tele: 925-443-1911

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

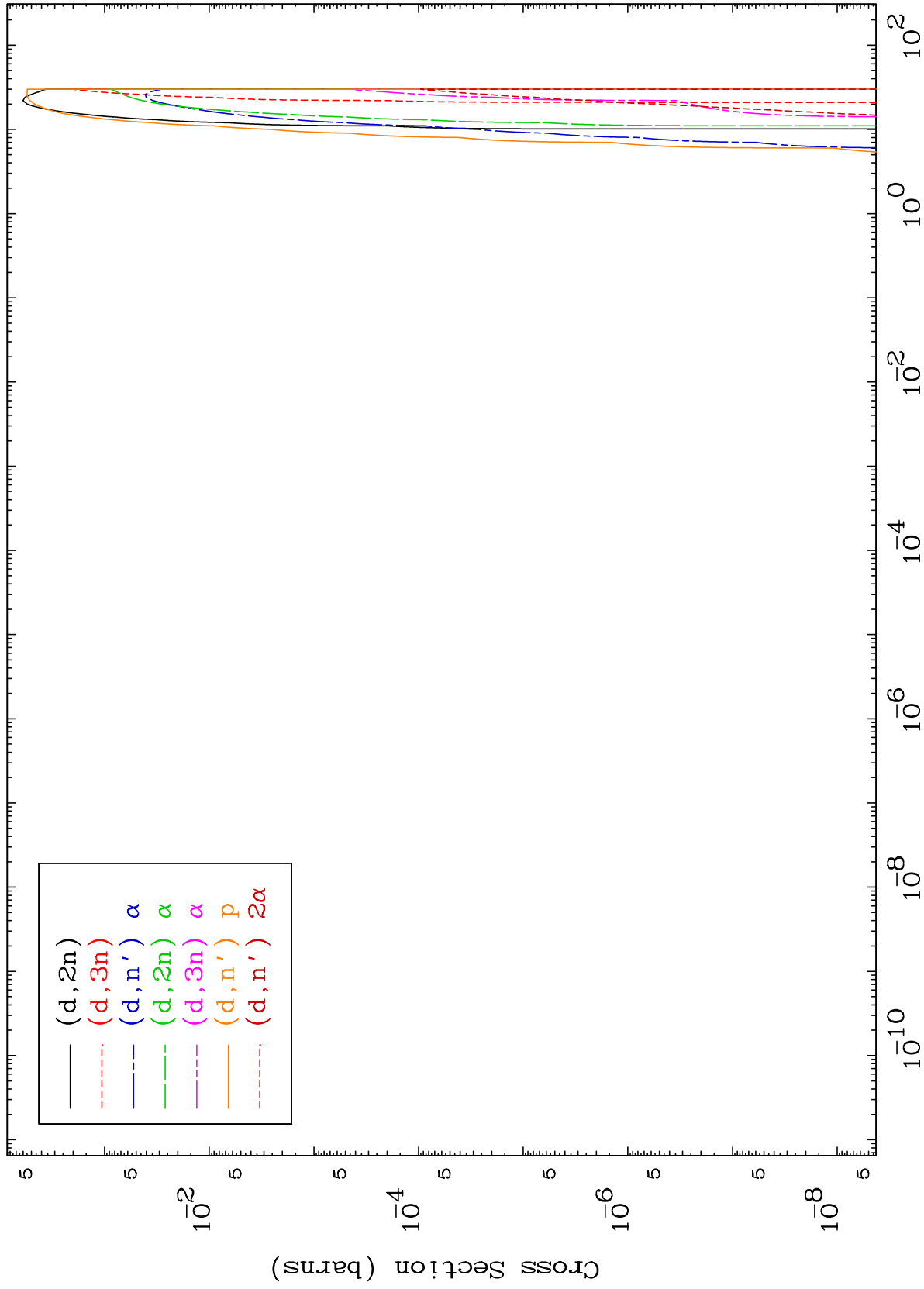
Press Mouse Button to Start



MAT 8186

Deuteron Neutron Production  
0 Kelvin Cross Sections

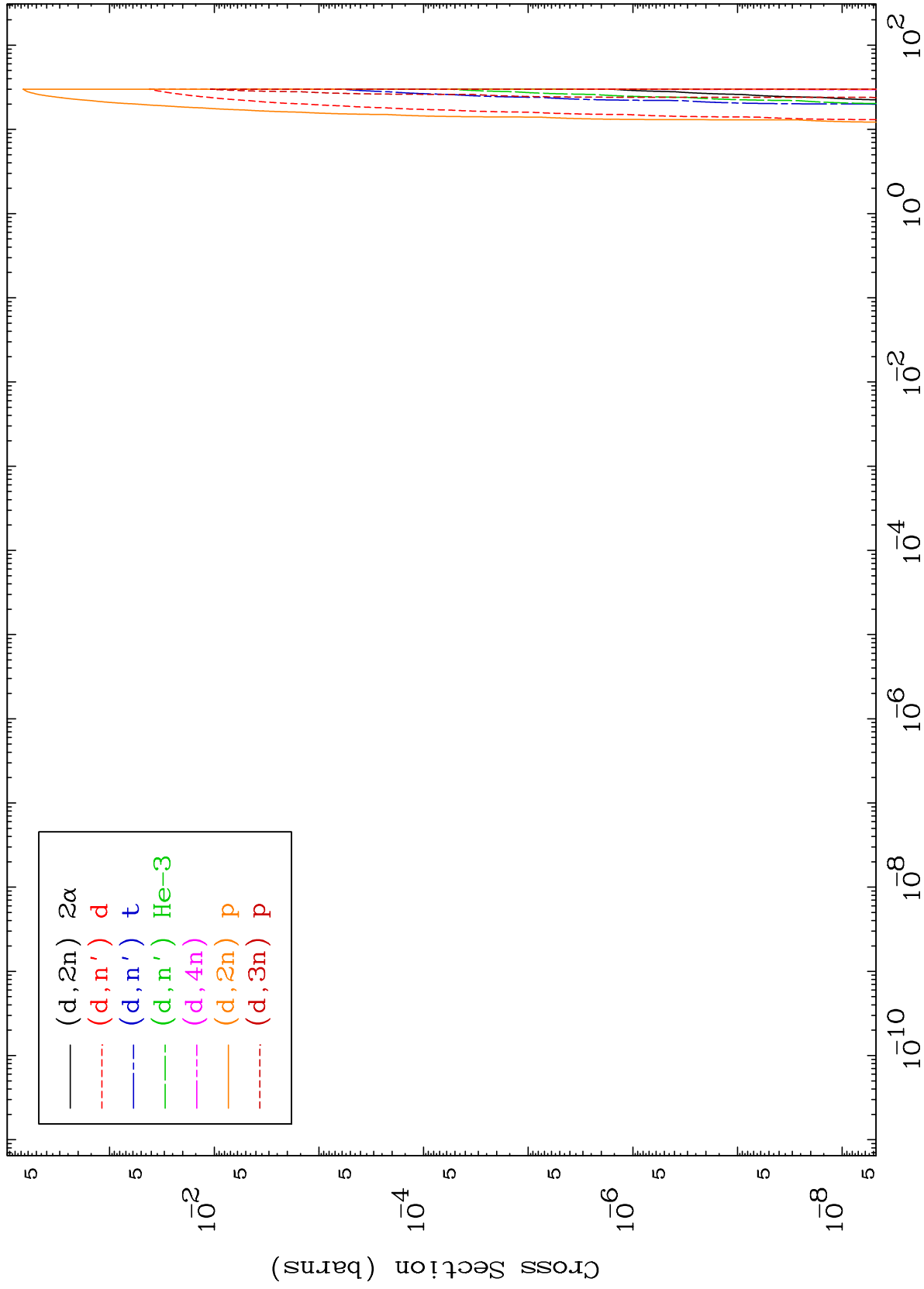
82-Pb-191



2

Incident Energy (MeV)

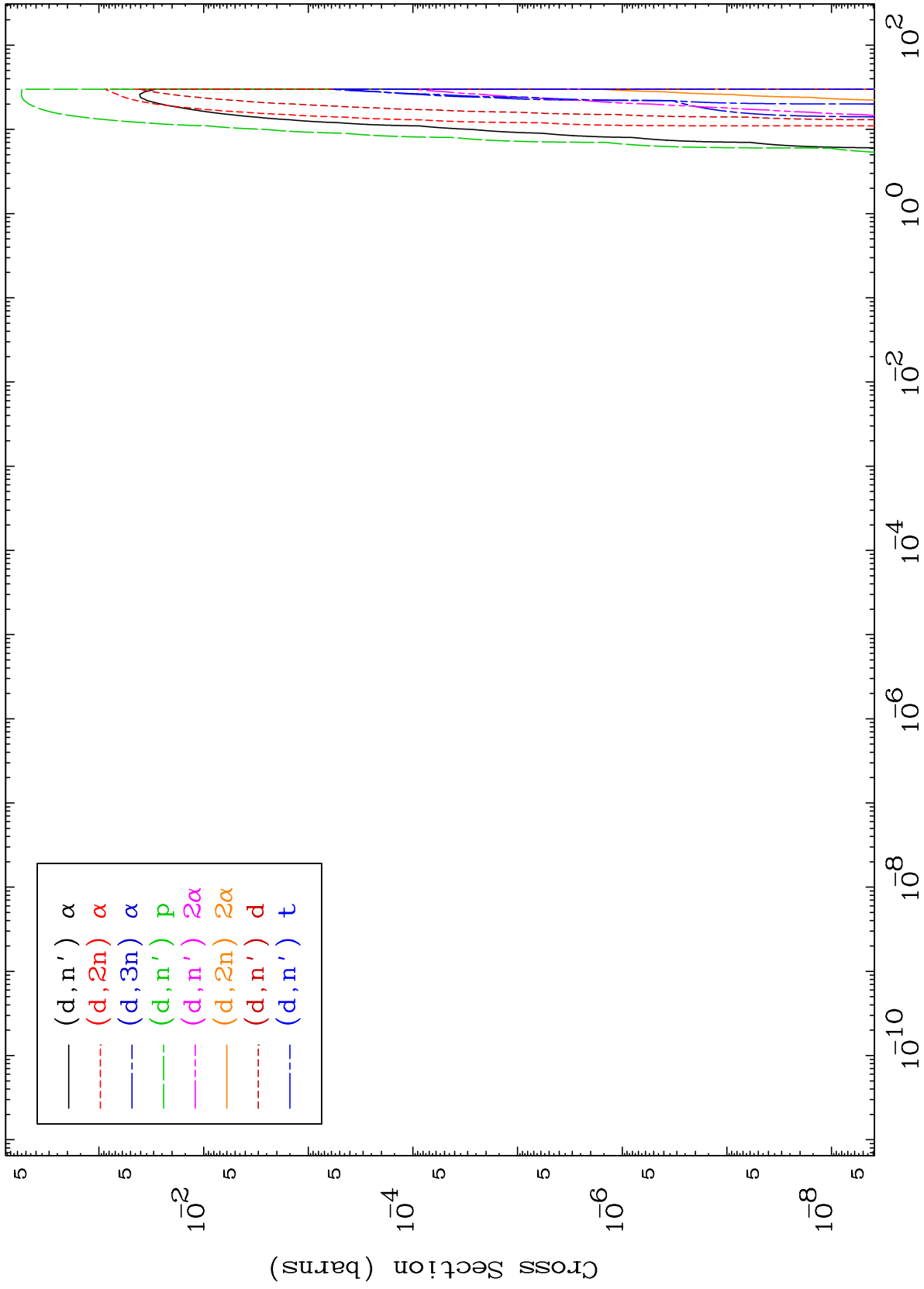
82-Pb-191



MAT 8186

Deuteron Charged Particle  
0 Kelvin Cross Sections

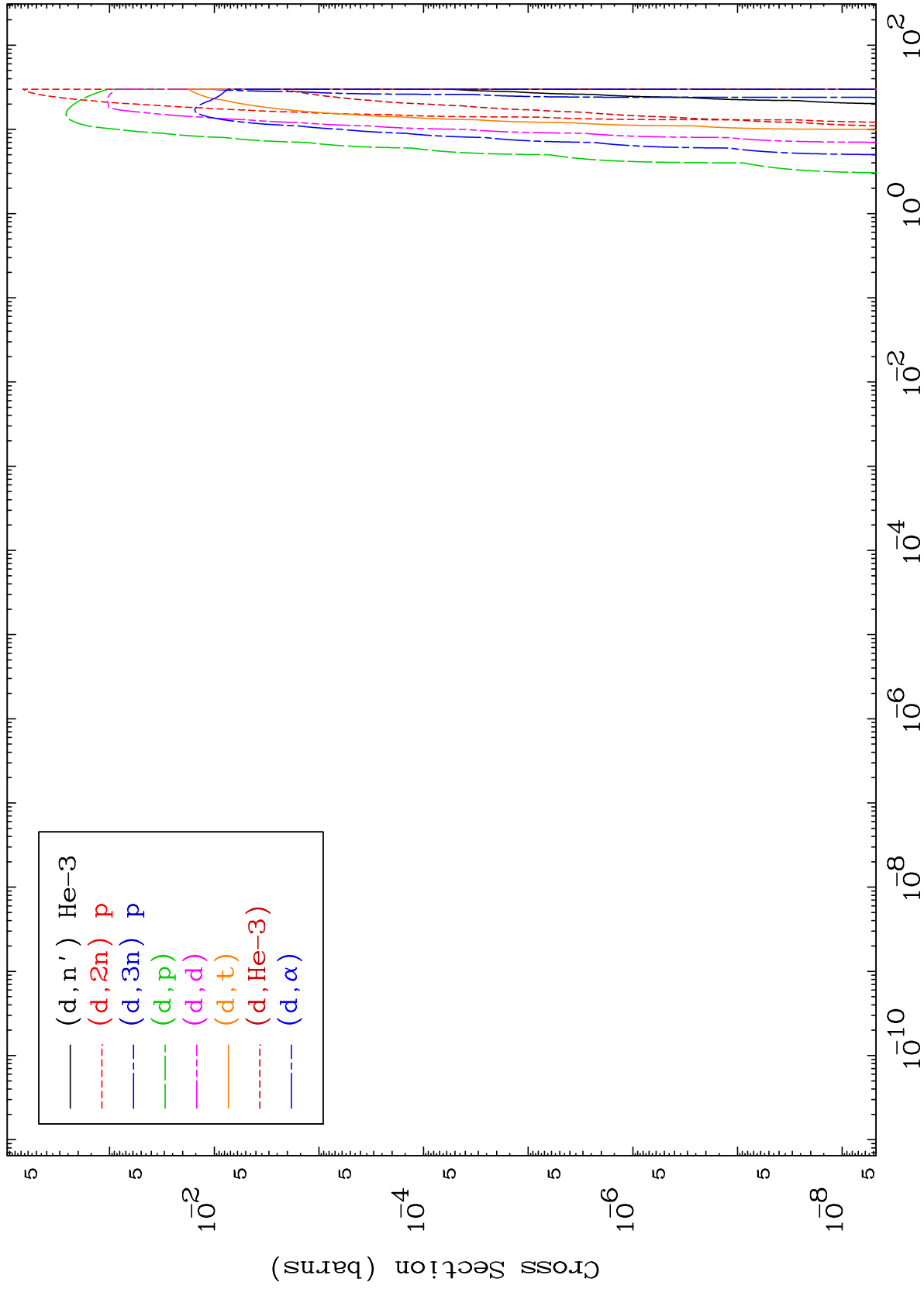
82-Pb-191



MAT 8186

Deuteron Charged Particle  
0 Kelvin Cross Sections

82-Pb-191



5

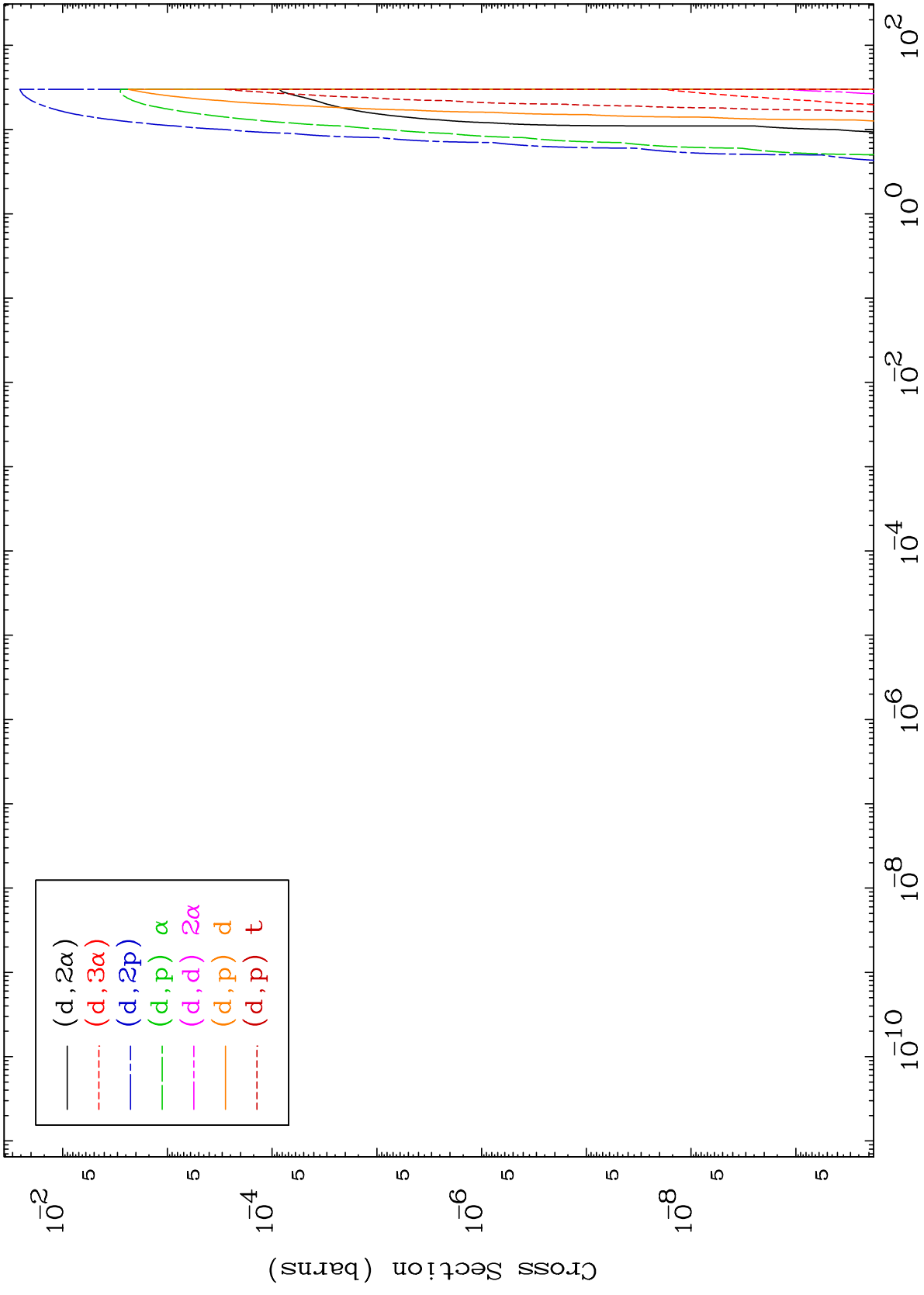
Incident Energy (MeV)

82-Pb-191

MAT 8186

Deuteron Charged Particle  
0 Kelvin Cross Sections

82-Pb-191

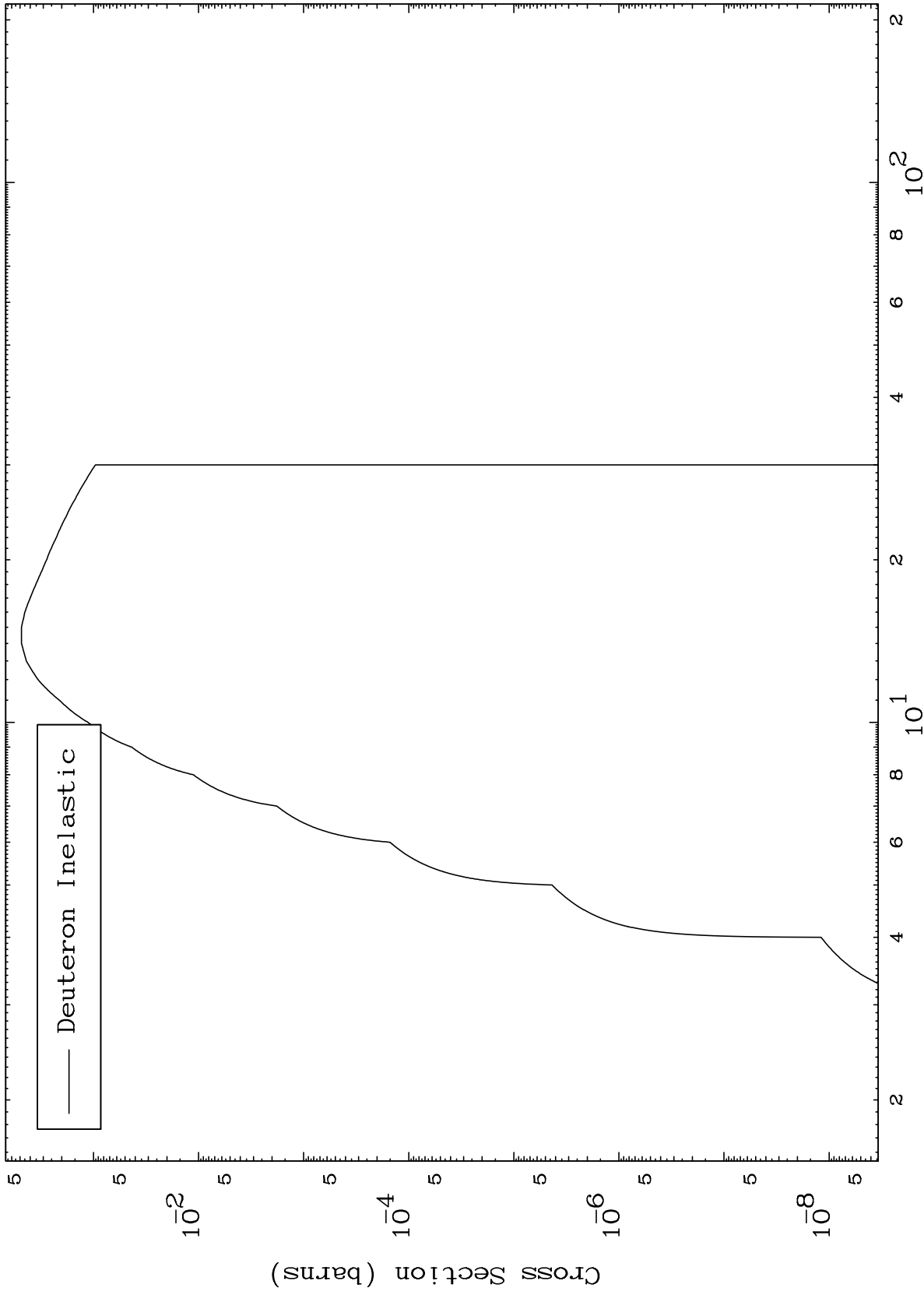


82-Pb-191

MAT 8186

(d,n') Level  
0 Kelvin Cross Sections

82-Pb-191



7

Incident Energy (MeV)

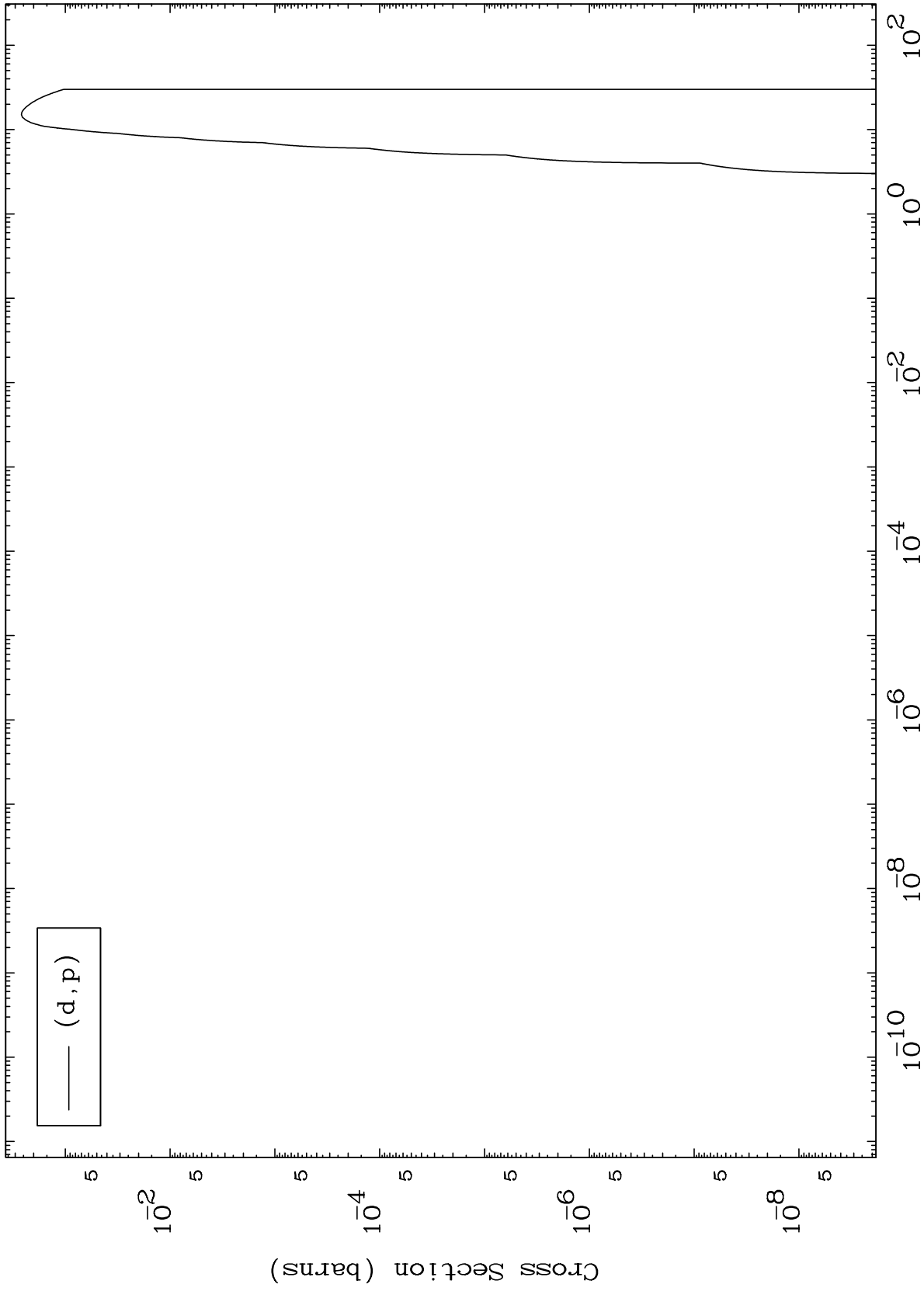
82-Pb-191



MAT 8186

(d,p) Levels  
0 Kelvin Cross Sections

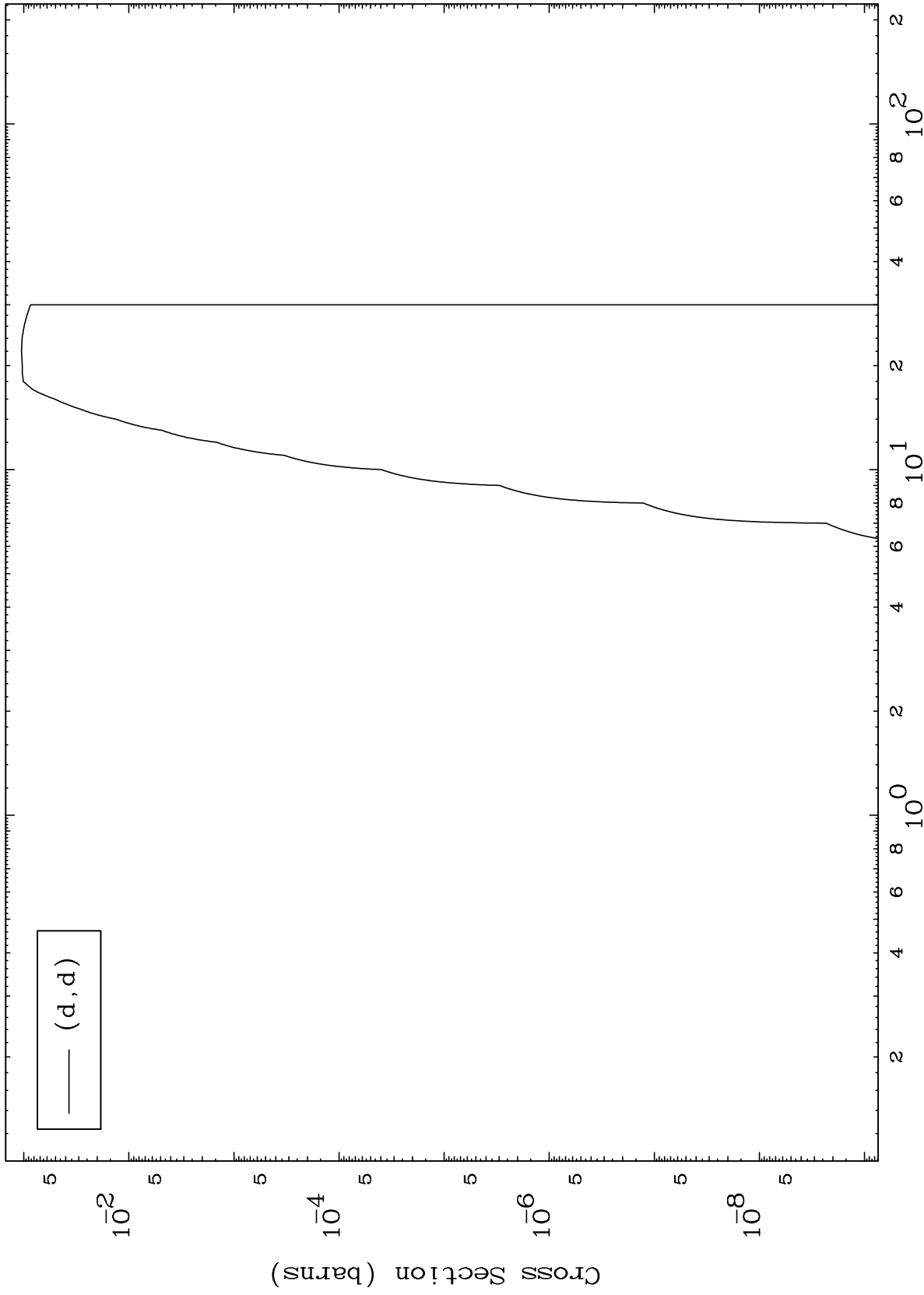
82-Pb-191



MAT 8186

(d,d) Levels  
0 Kelvin Cross Sections

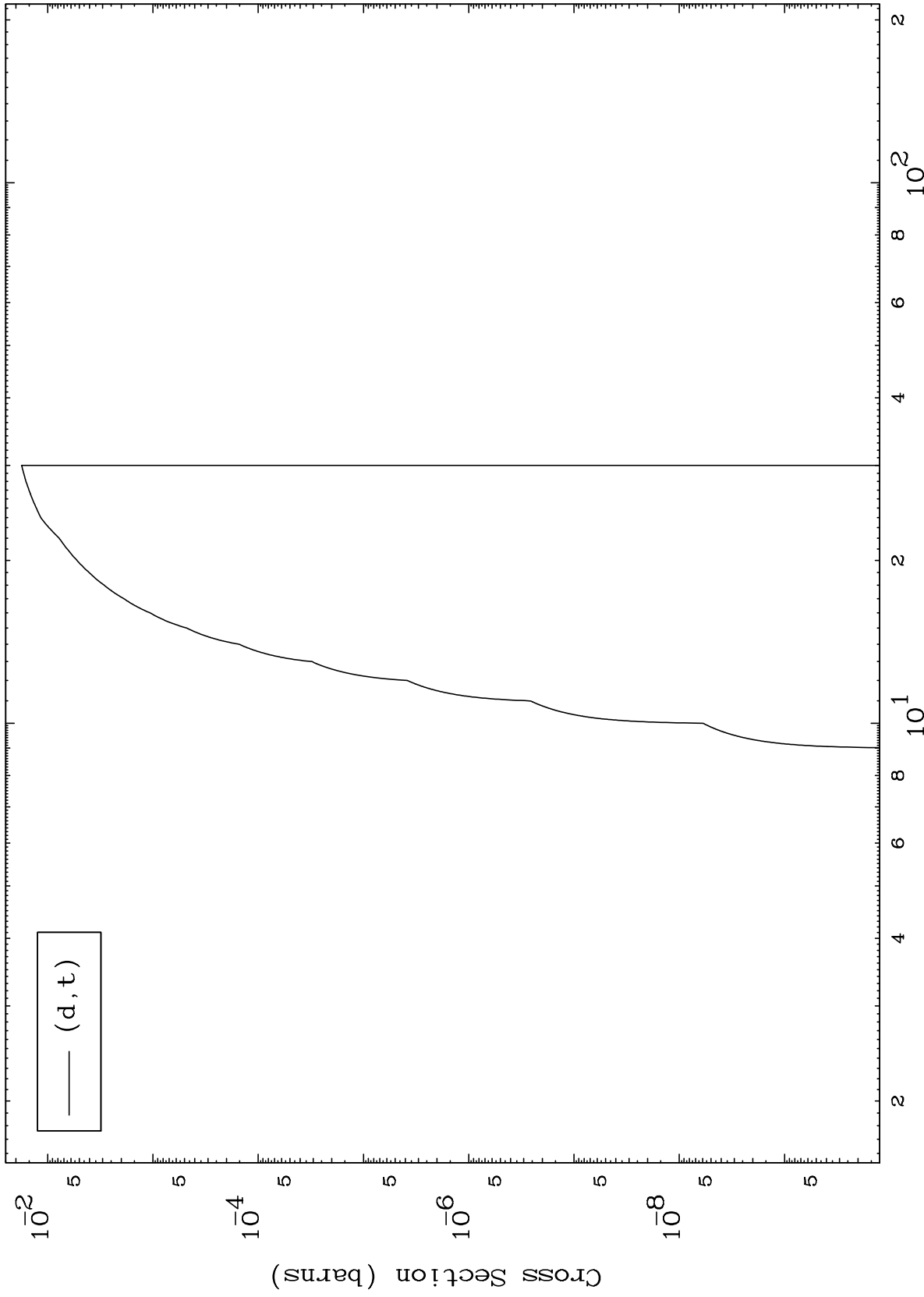
82-Pb-191



MAT 8186

(d,t) Levels  
0 Kelvin Cross Sections

82-Pb-191



10

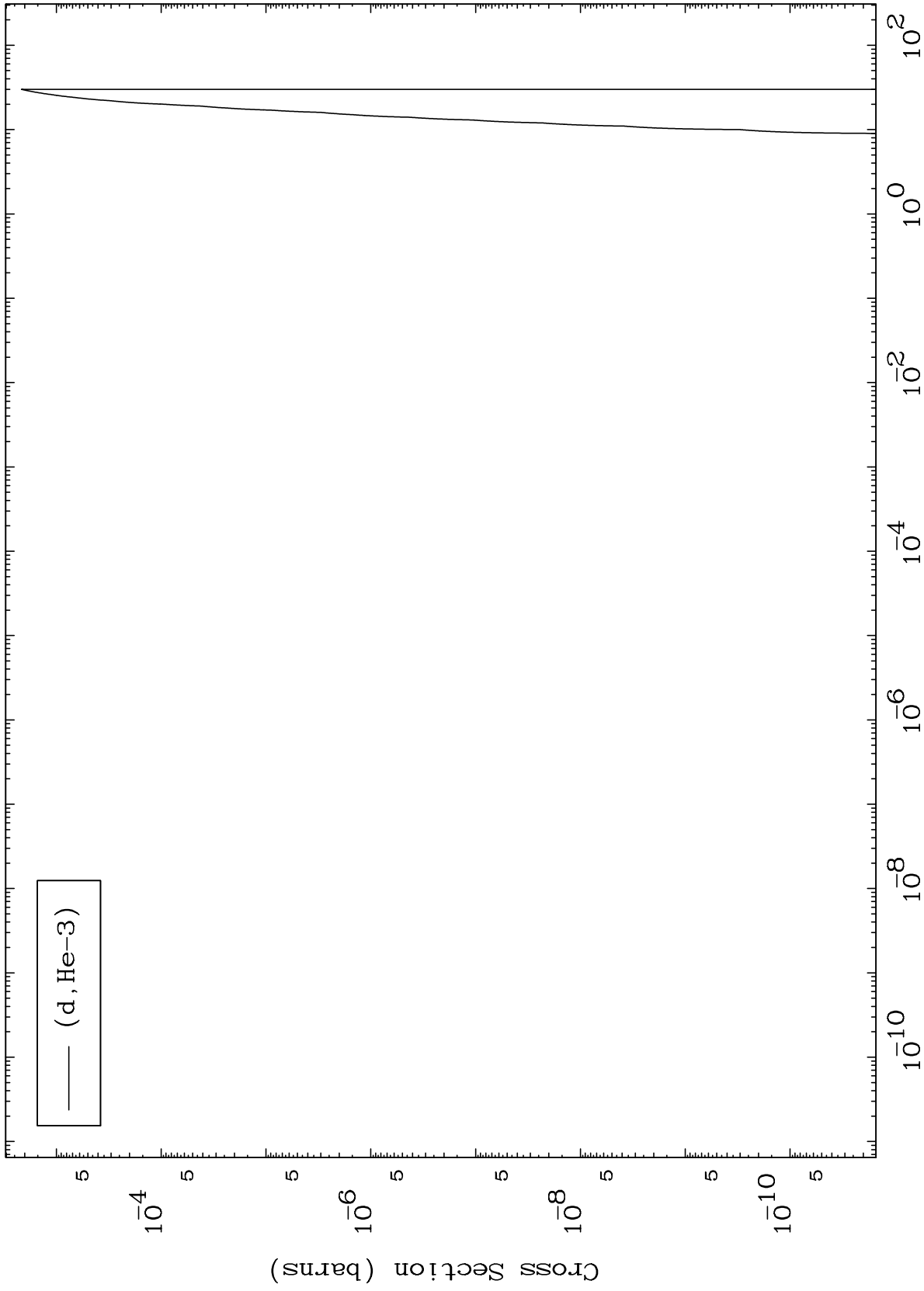
Incident Energy (MeV)

82-Pb-191

MAT 8186

(d,He3) Levels  
0 Kelvin Cross Sections

82-Pb-191



11

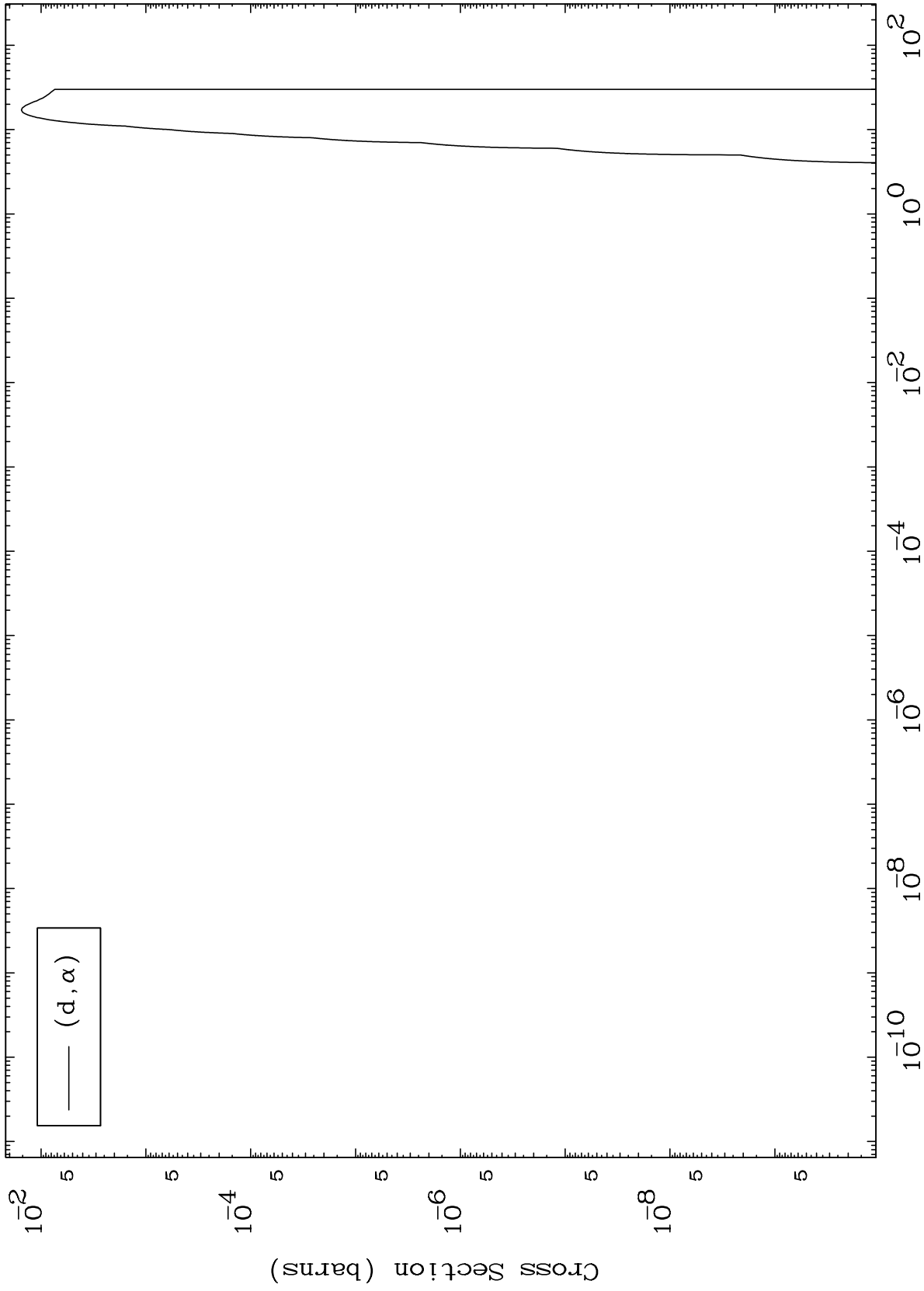
Incident Energy (MeV)

82-Pb-191

MAT 8186

(d, $\alpha$ ) Levels  
0 Kelvin Cross Sections

82-Pb-191



12

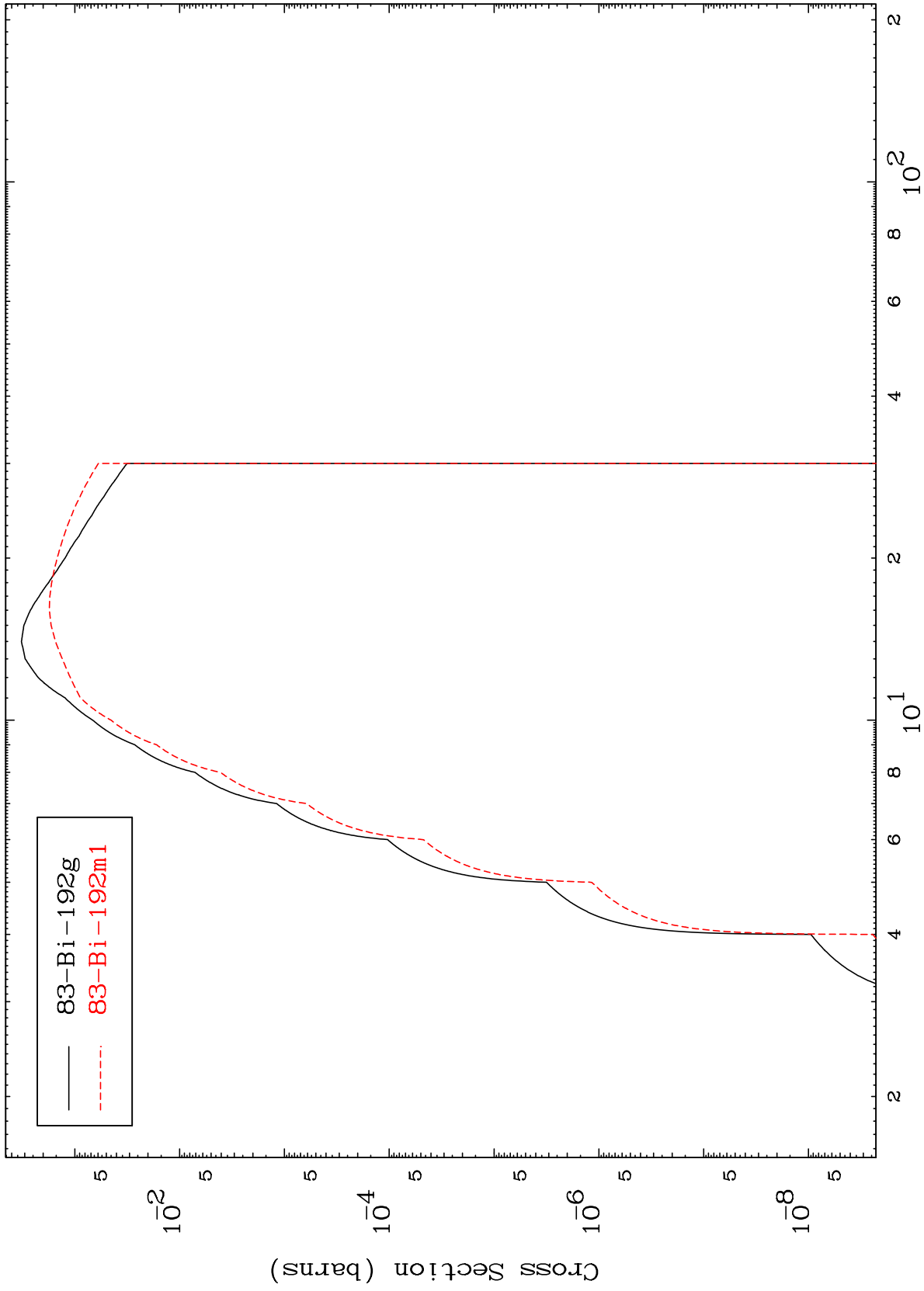
Incident Energy (MeV)

82-Pb-191

MAT 8186

Deuteron Inelastic  
Radionuclide Production Cross Section

82-Pb-191



13

Incident Energy (MeV)

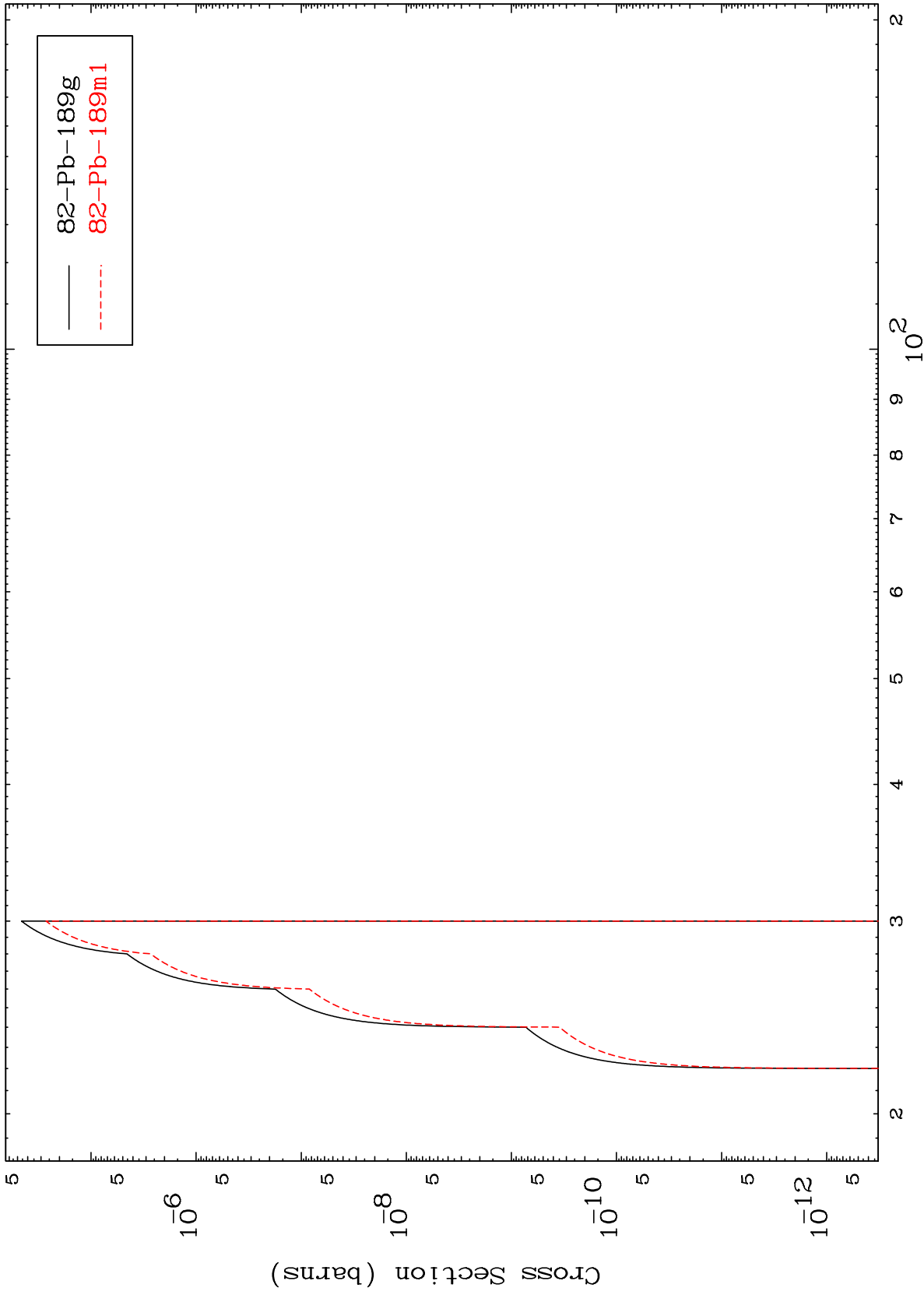
82-Pb-191

MAT 8186

(d,2n) d

82-Pb-191

Radionuclide Production Cross Section



14

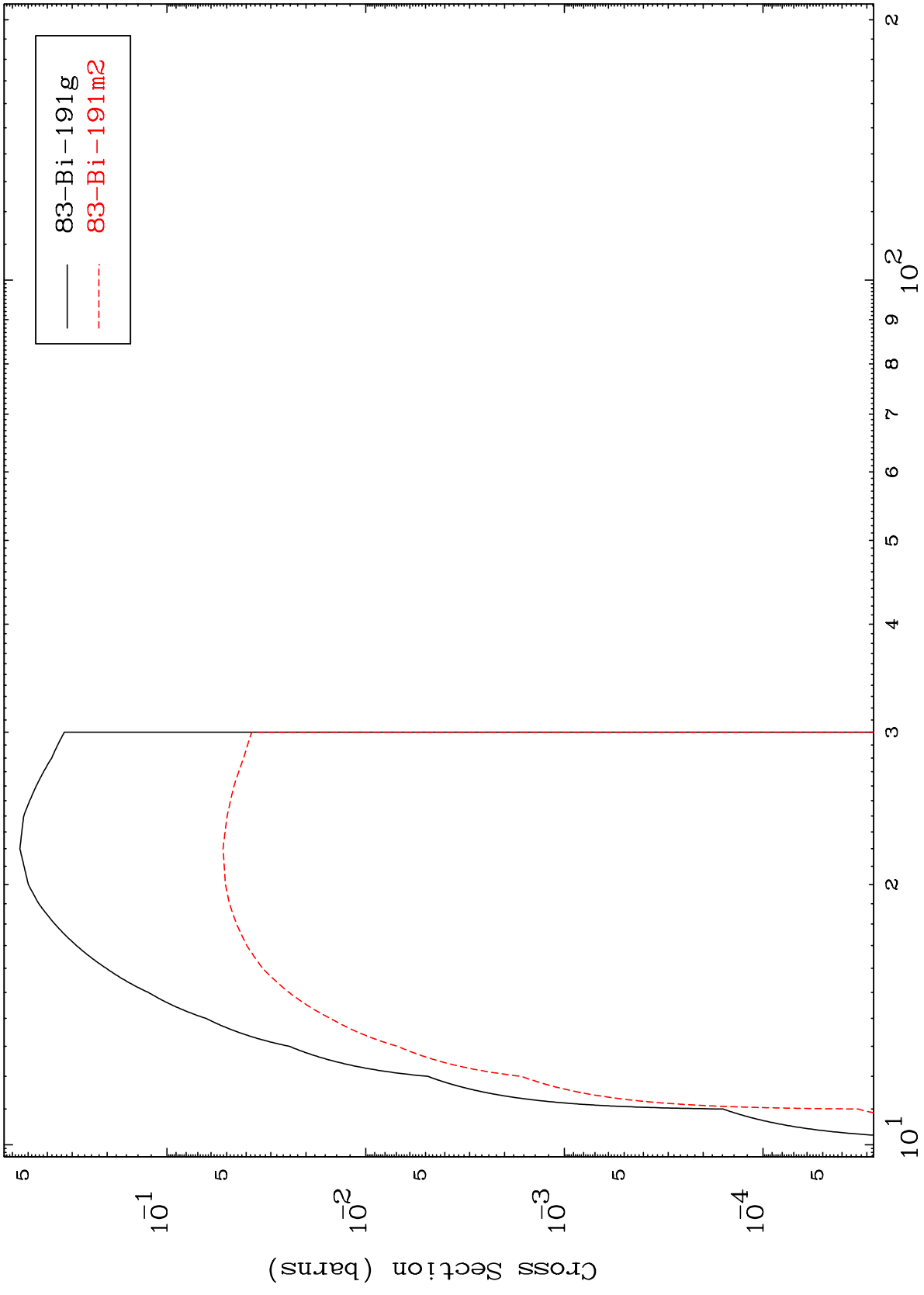
Incident Energy (MeV)

82-Pb-191

MAT 8186

82-Pb-191

(d,2n)  
Radionuclide Production Cross Section



82-Pb-191

Incident Energy (MeV)

15

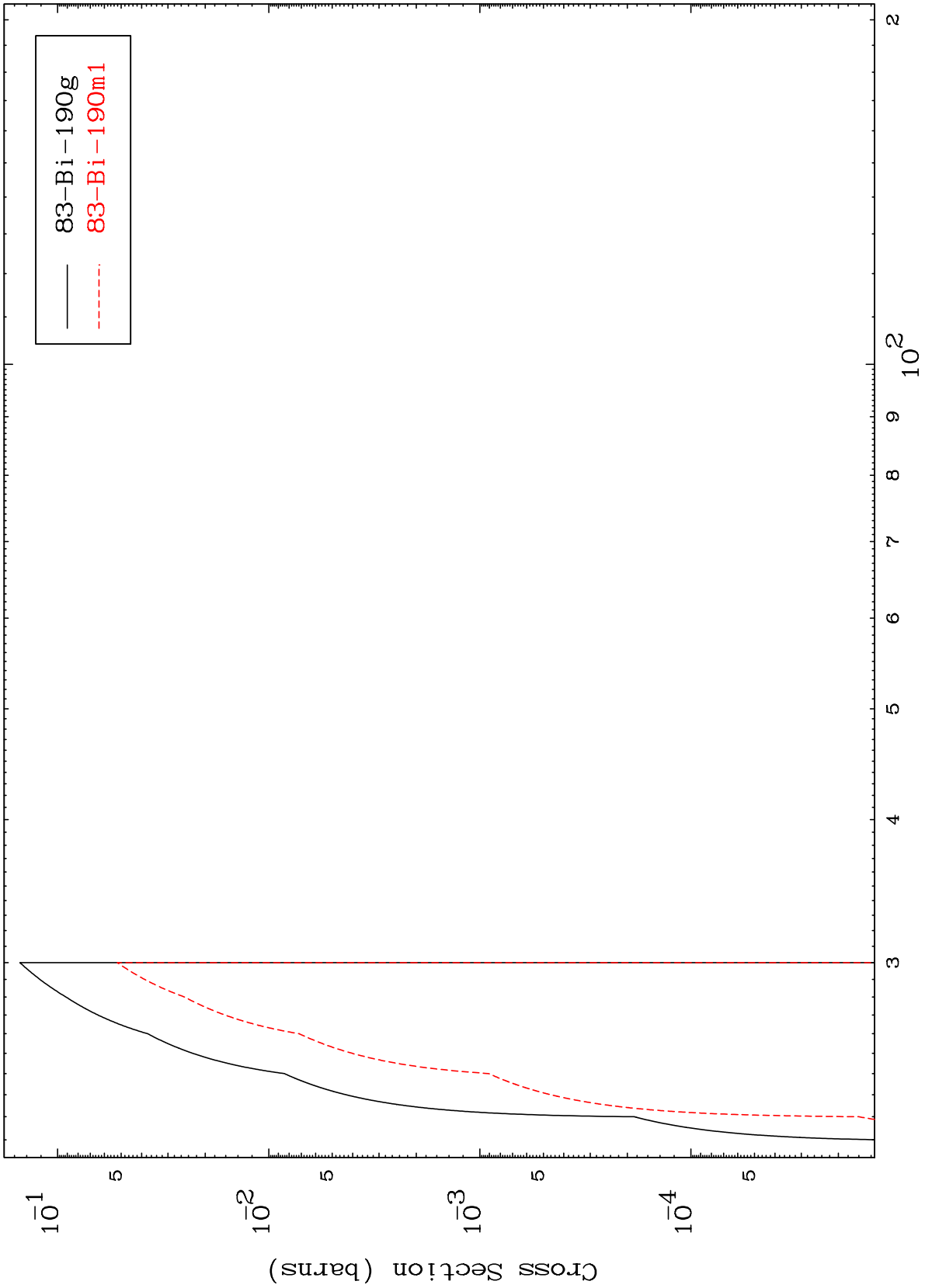


MAT 8186

(d,3n)

82-Pb-191

Radionuclide Production Cross Section



83-Bi-190g  
83-Bi-190m1

16

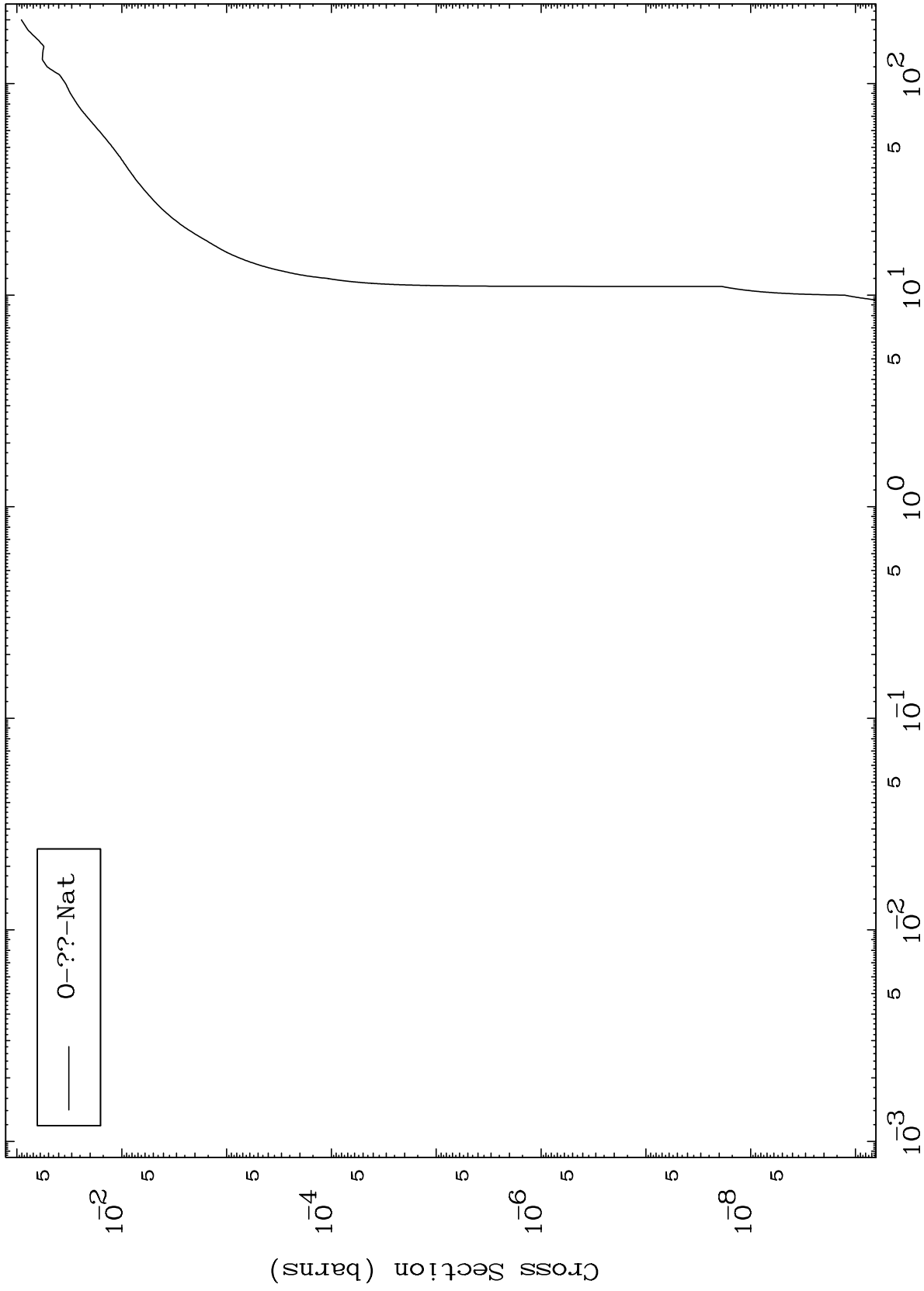
Incident Energy (MeV)

82-Pb-191

MAT 8186

Deuteron Fission  
Radionuclide Production Cross Section

82-Pb-191



17

Incident Energy (MeV)

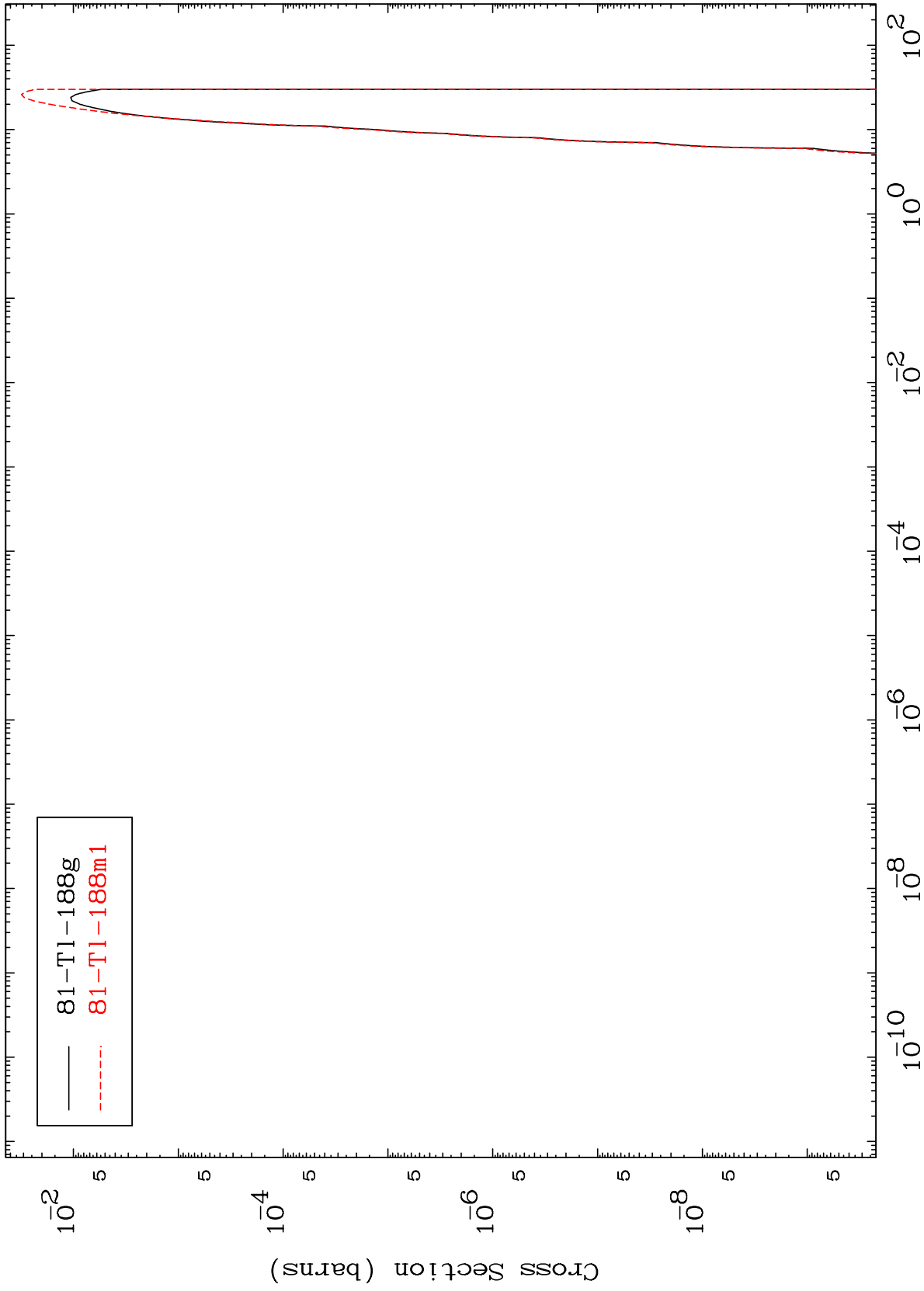
82-Pb-191

MAT 8186

(d,n')  $\alpha$

82-Pb-191

Radionuclide Production Cross Section



18

Incident Energy (MeV)

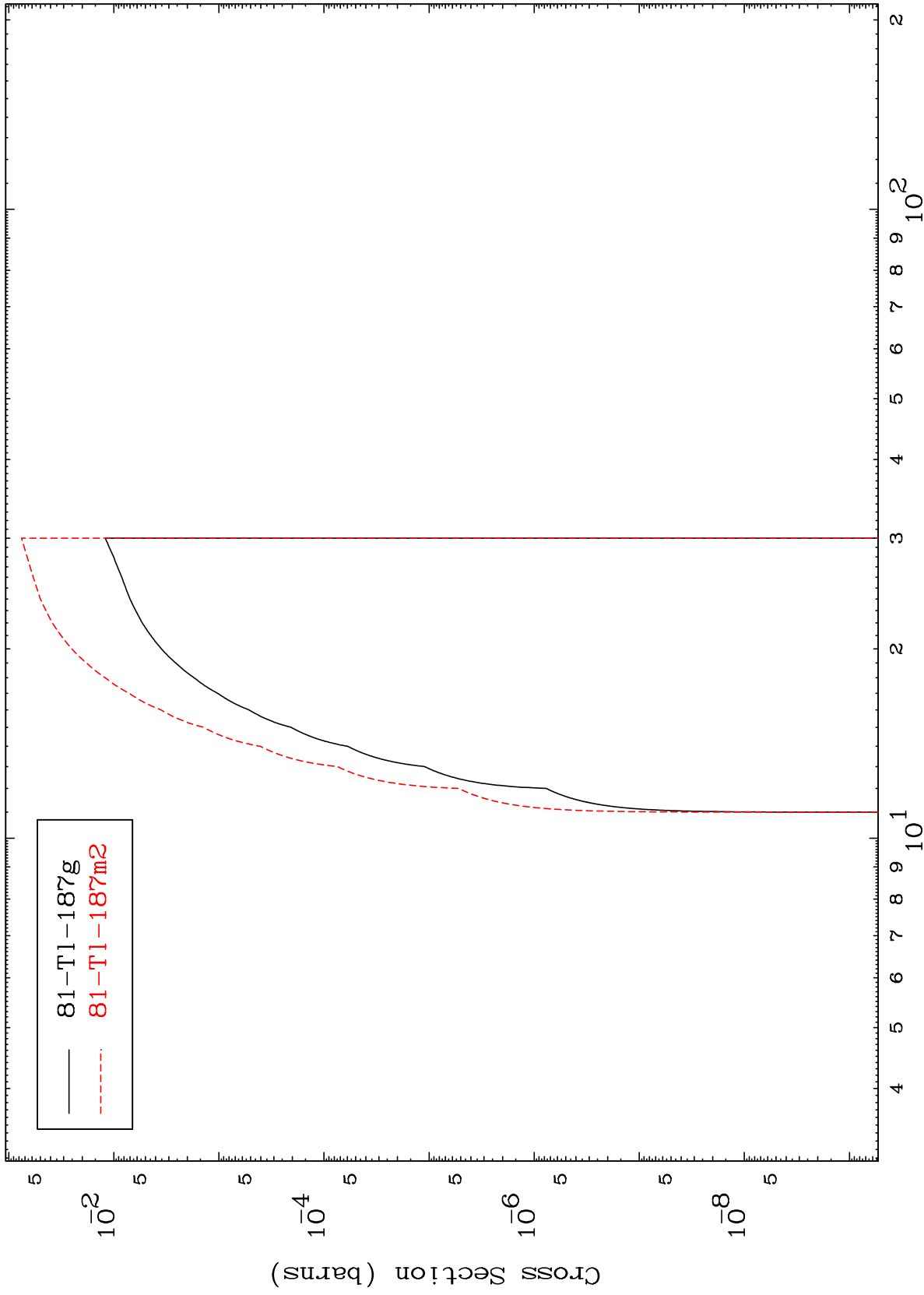
82-Pb-191

MAT 8186

(d,2n)  $\alpha$

82-Pb-191

Radionuclide Production Cross Section



19

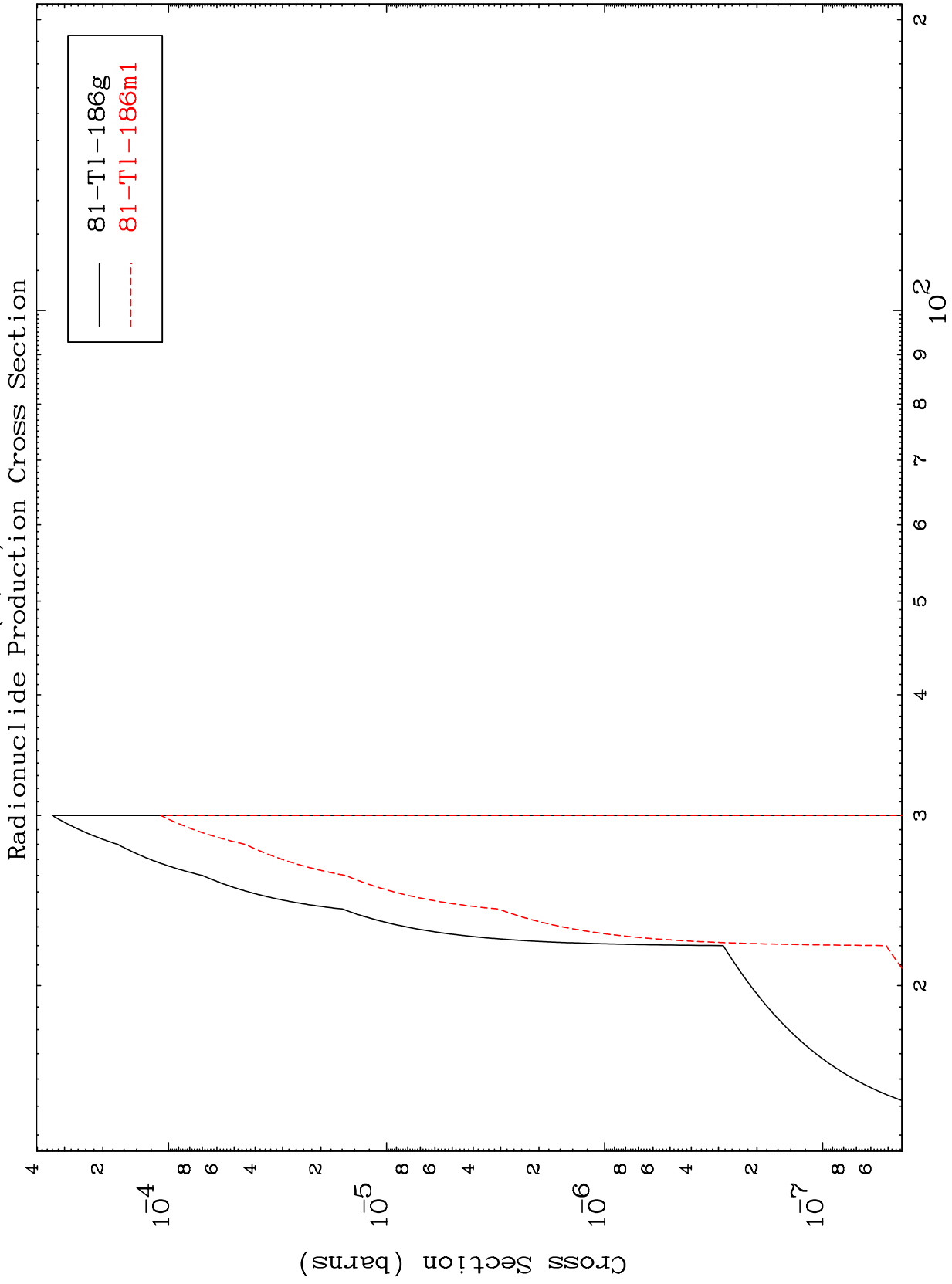
Incident Energy (MeV)

82-Pb-191

MAT 8186

(d,3n)  $\alpha$

82-Pb-191



20

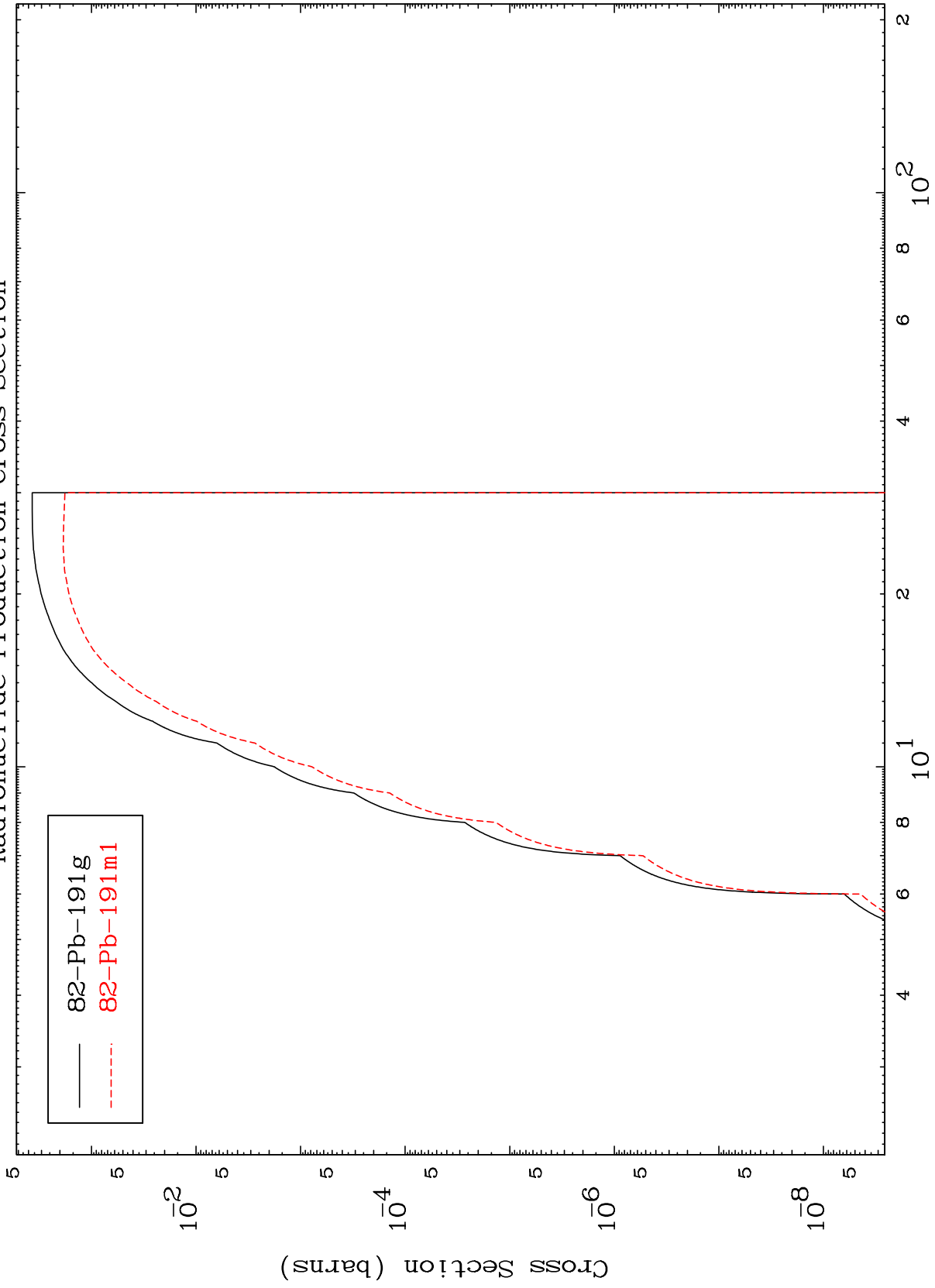
Incident Energy (MeV)

82-Pb-191

MAT 8186

82-Pb-191

(d,n') p  
Radionuclide Production Cross Section



21

82-Pb-191

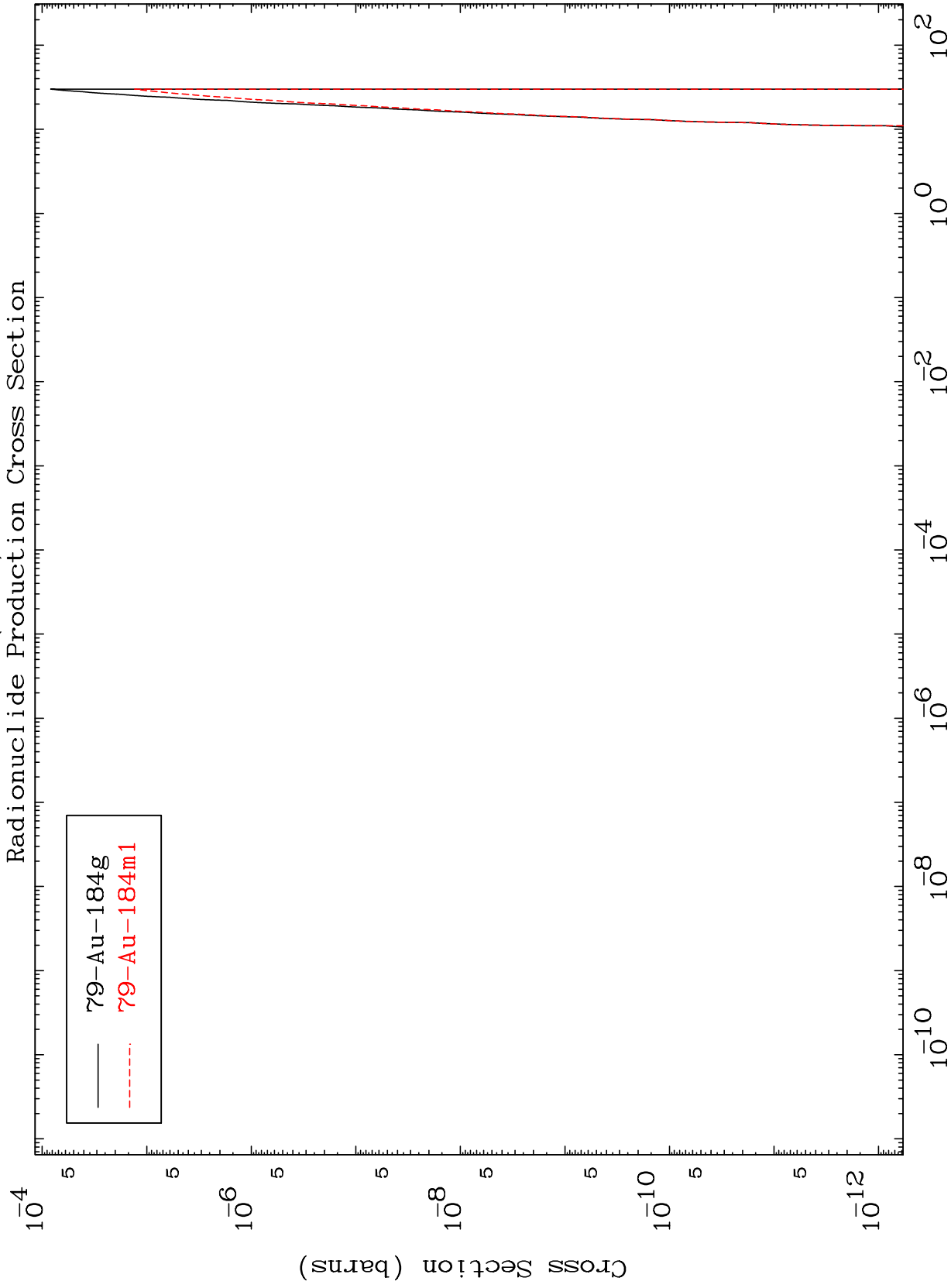
Incident Energy (MeV)

MAT 8186

(d,n') 2 $\alpha$

82-Pb-191

Radionuclide Production Cross Section



22

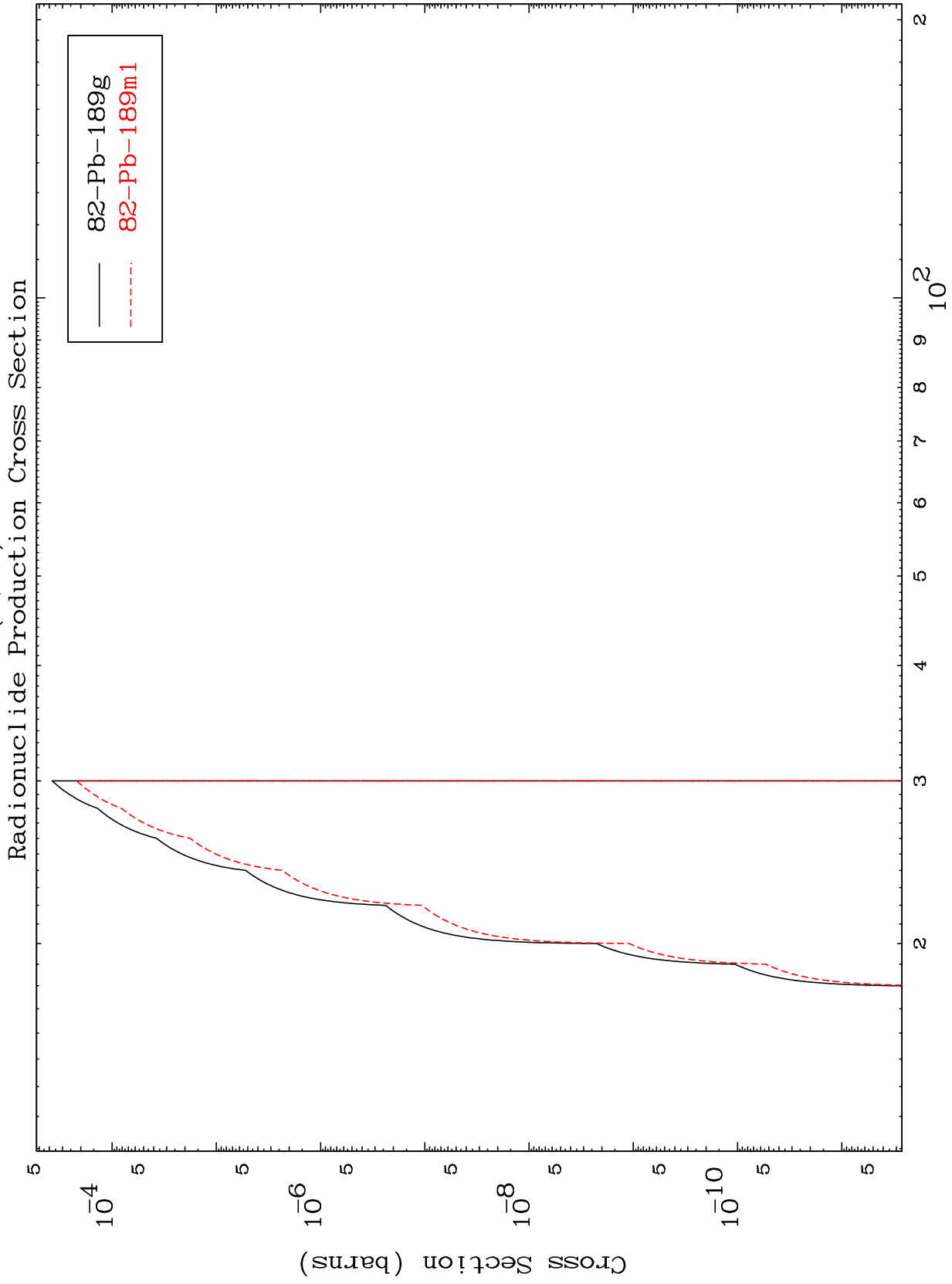
Incident Energy (MeV)

82-Pb-191

MAT 8186

(d,n') t

82-Pb-191



23

Incident Energy (MeV)

82-Pb-191

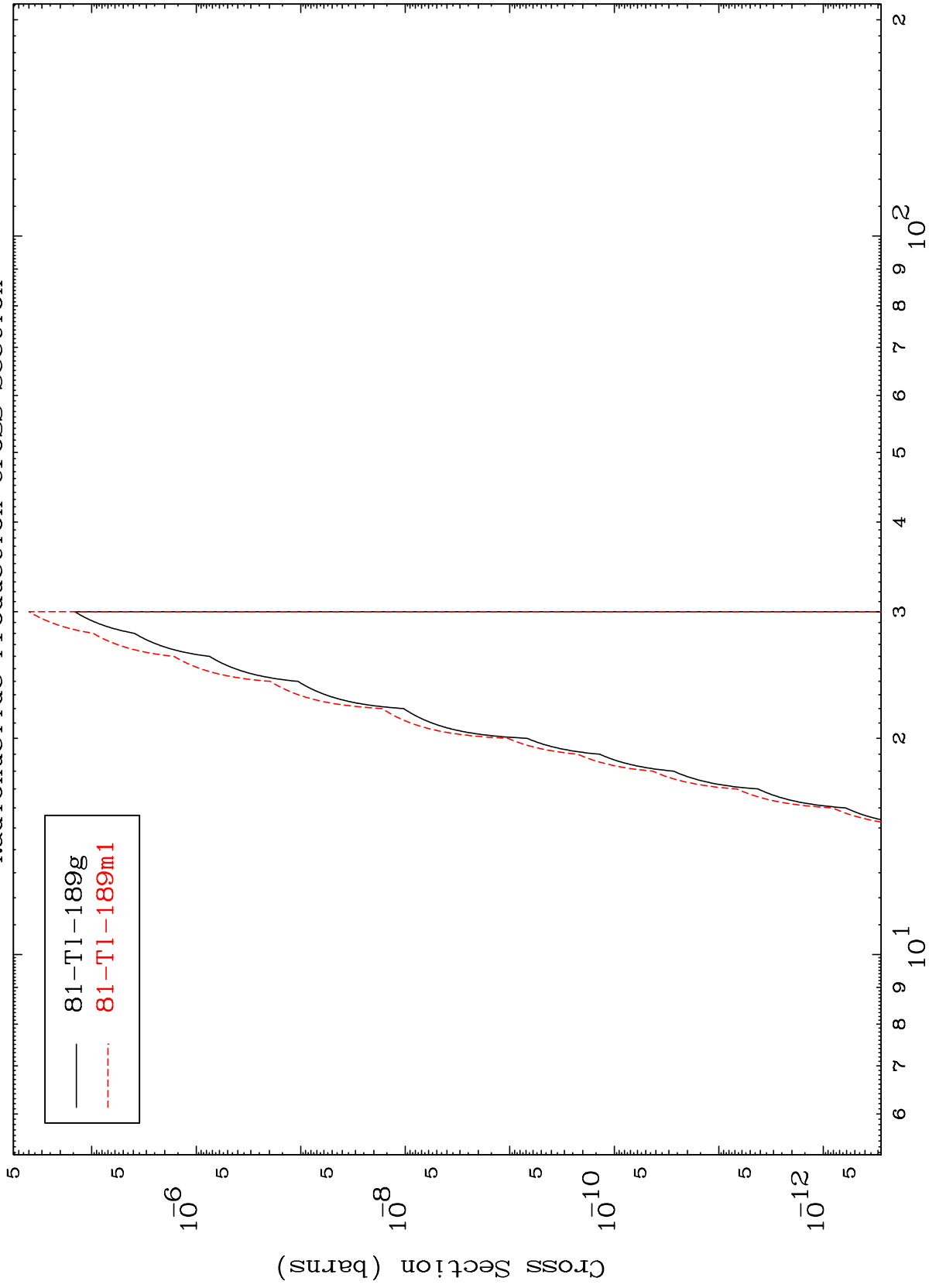


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(d, n') He-3

82-Pb-191

Radionuclide Production Cross Section



24

Incident Energy (MeV)

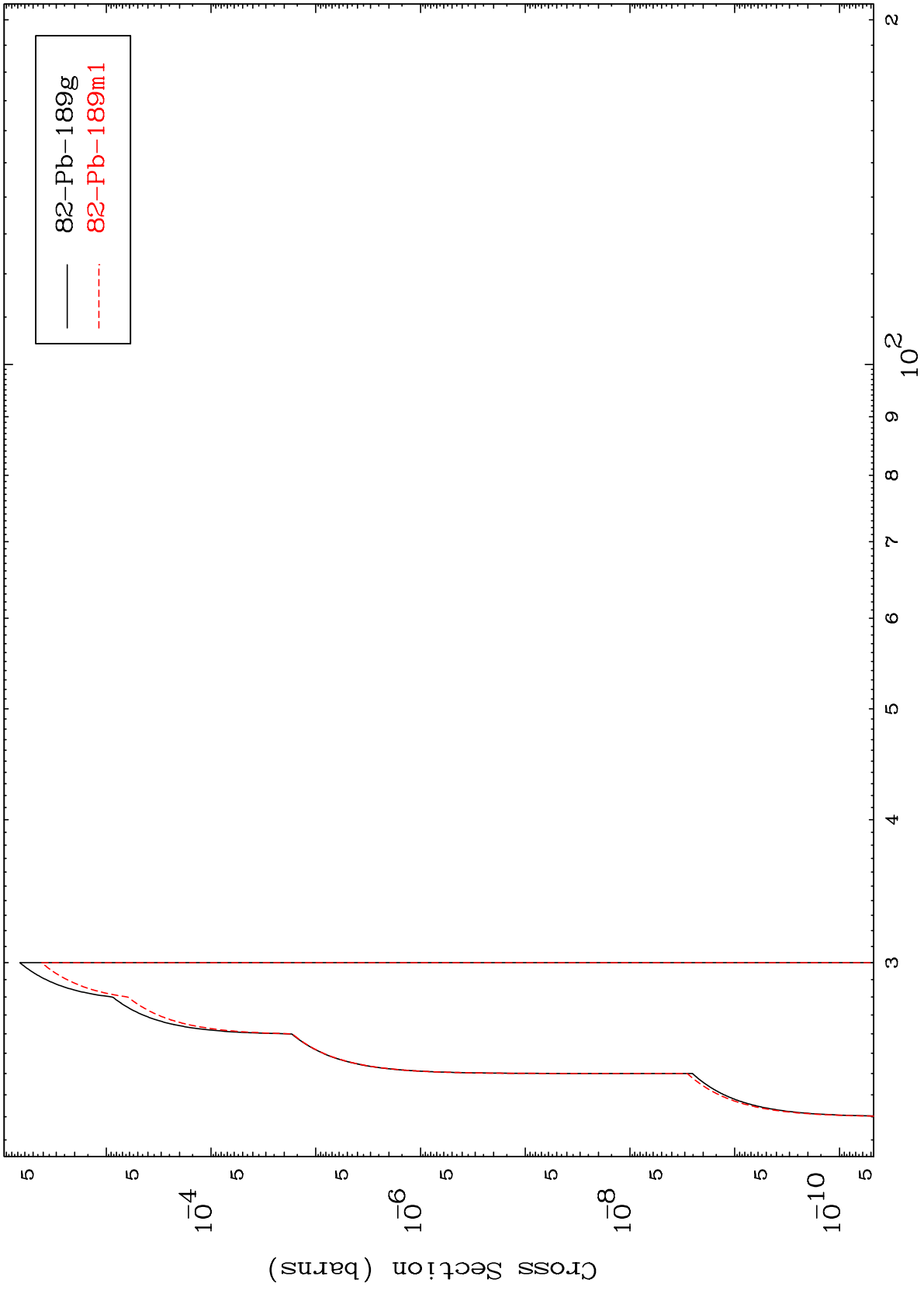
82-Pb-191

MAT 8186

(d,3n) p

82-Pb-191

Radionuclide Production Cross Section



25

Incident Energy (MeV)

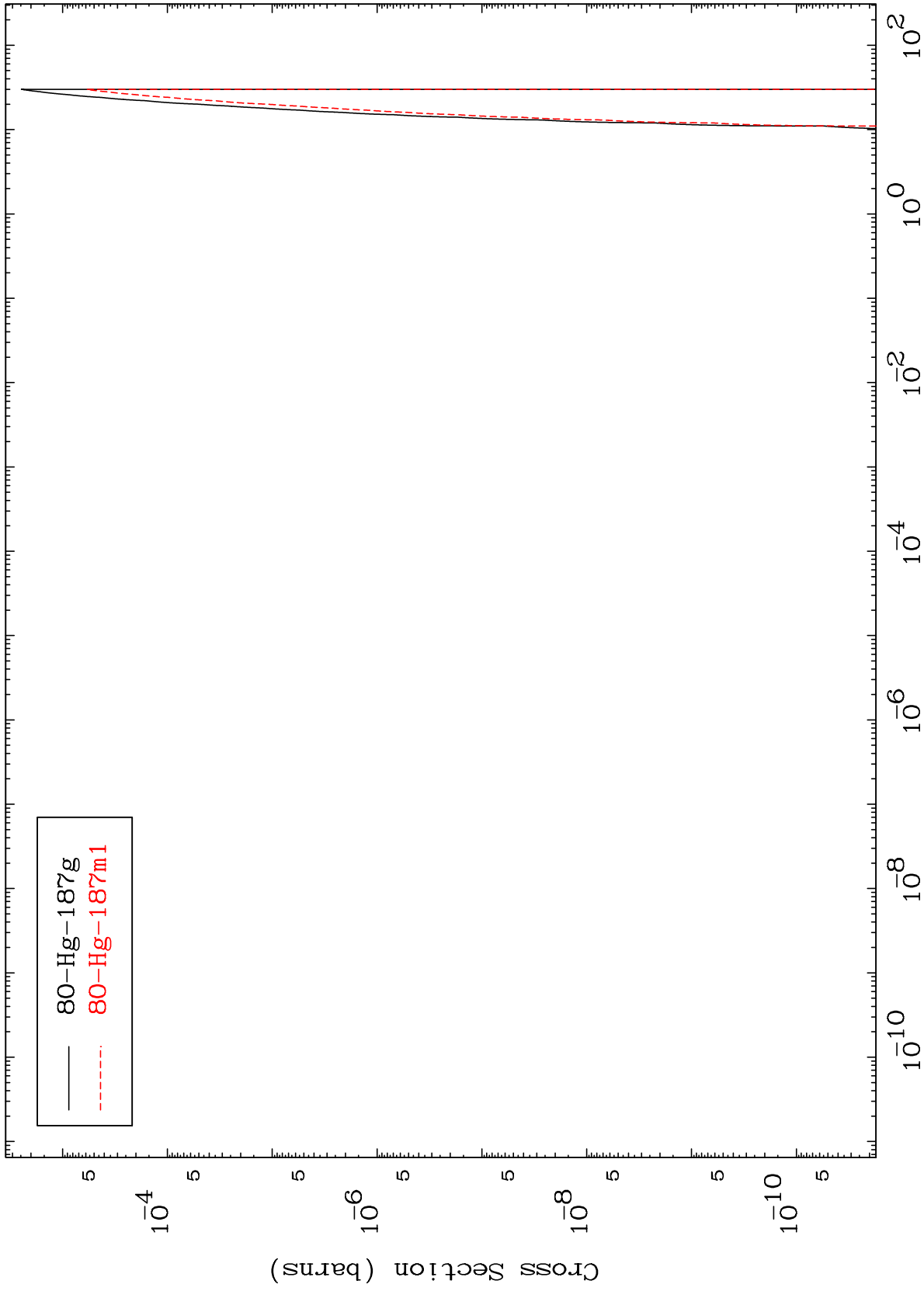
82-Pb-191

MAT 8186

(d,n') p  $\alpha$

82-Pb-191

Radionuclide Production Cross Section



26

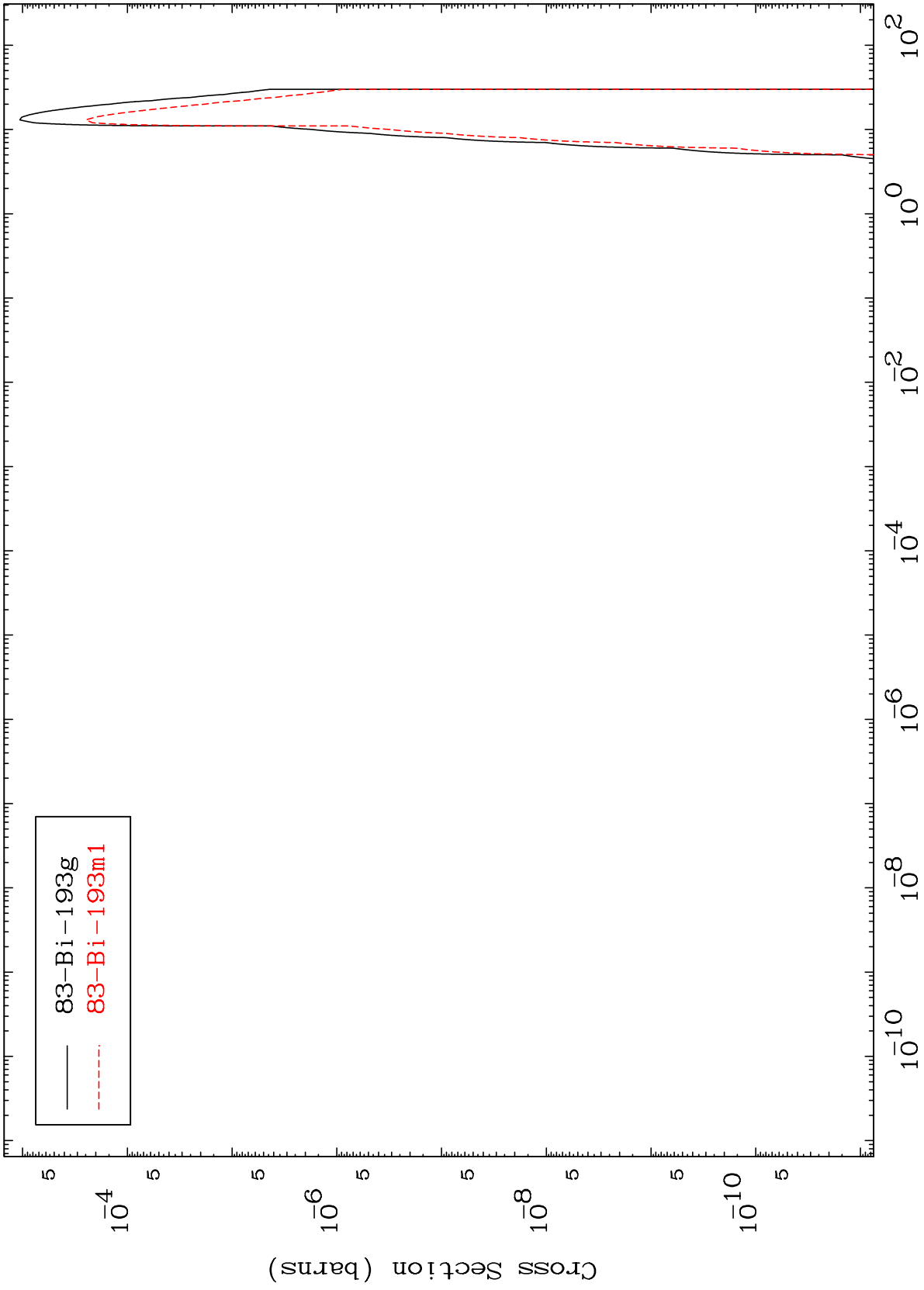
Incident Energy (MeV)

82-Pb-191

MAT 8186

(d,  $\gamma$ )  
Radionuclide Production Cross Section

82-Pb-191

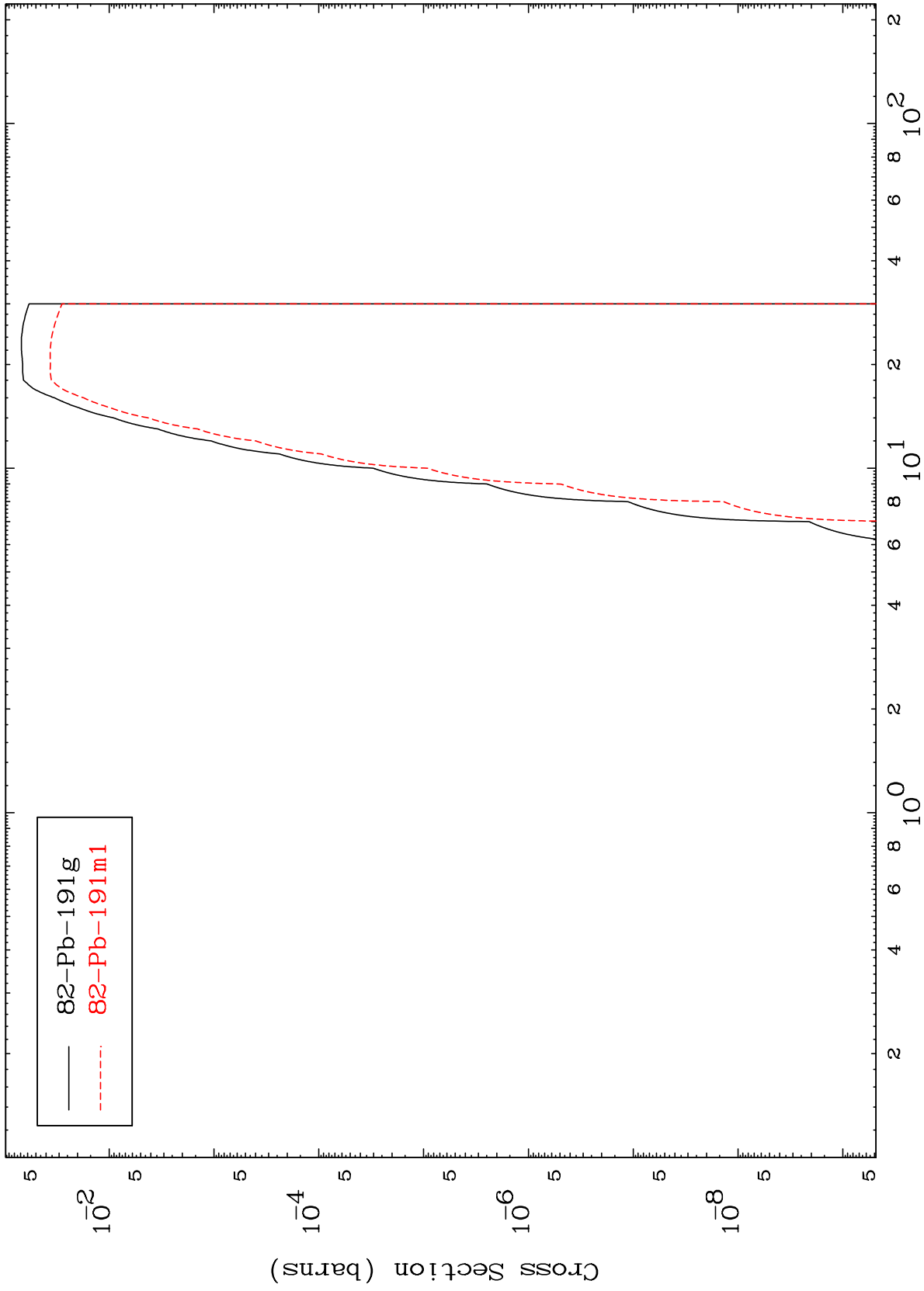


MAT 8186

(d,d)

82-Pb-191

Radionuclide Production Cross Section



28

Incident Energy (MeV)

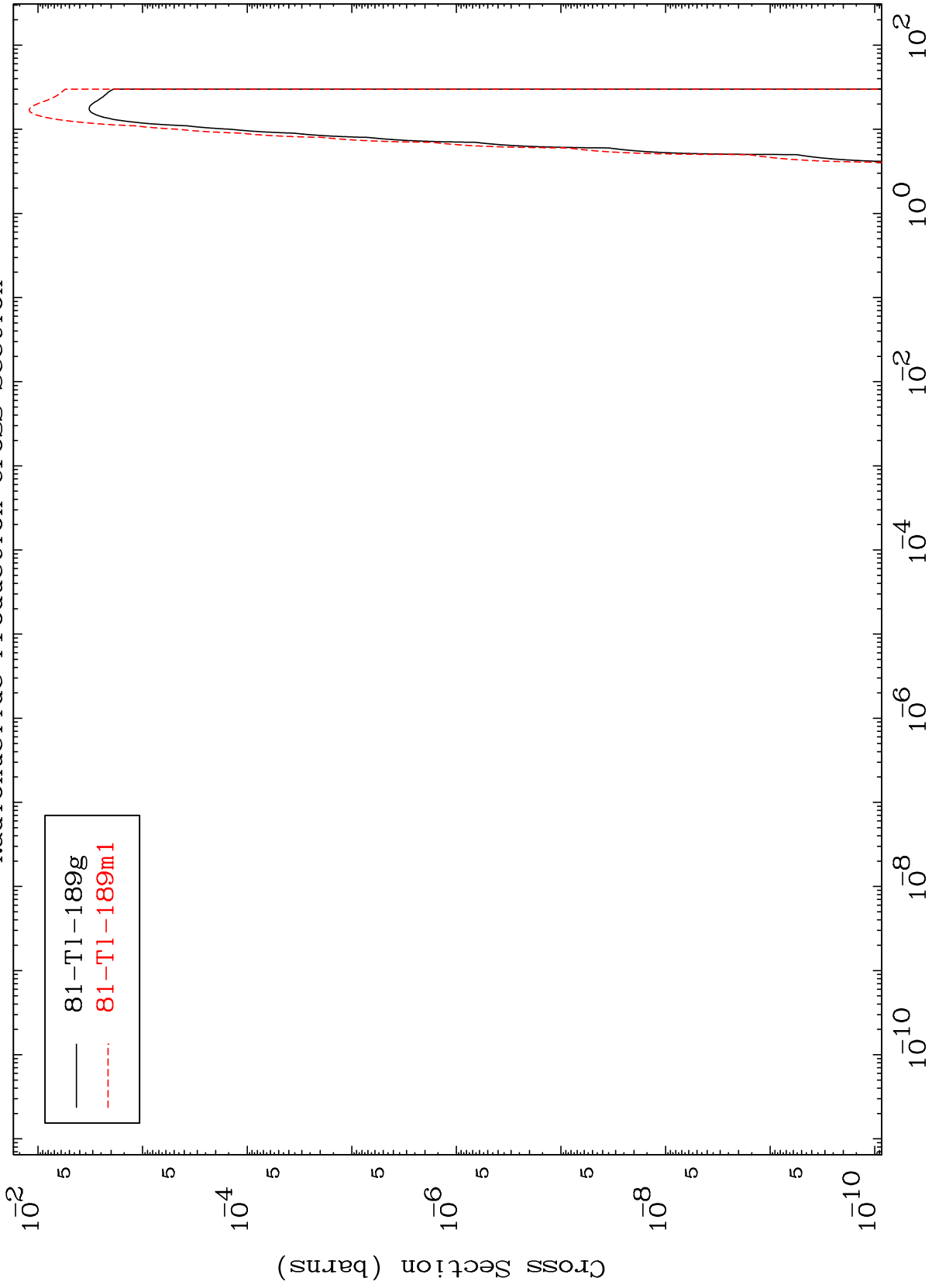
82-Pb-191

MAT 8186

(d,  $\alpha$ )

82-Pb-191

Radionuclide Production Cross Section

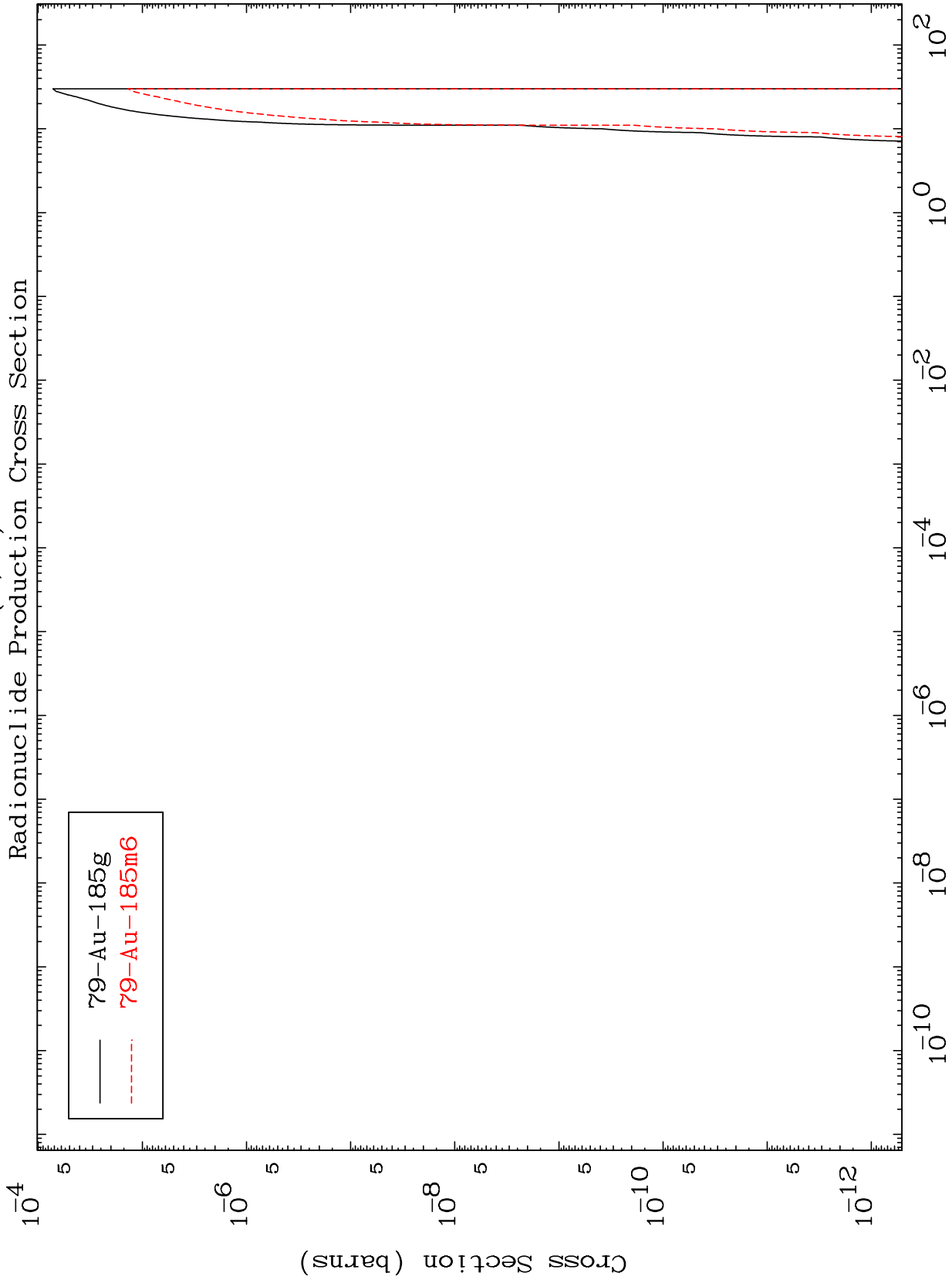


82-Pb-191

MAT 8186

(d,2 $\alpha$ )

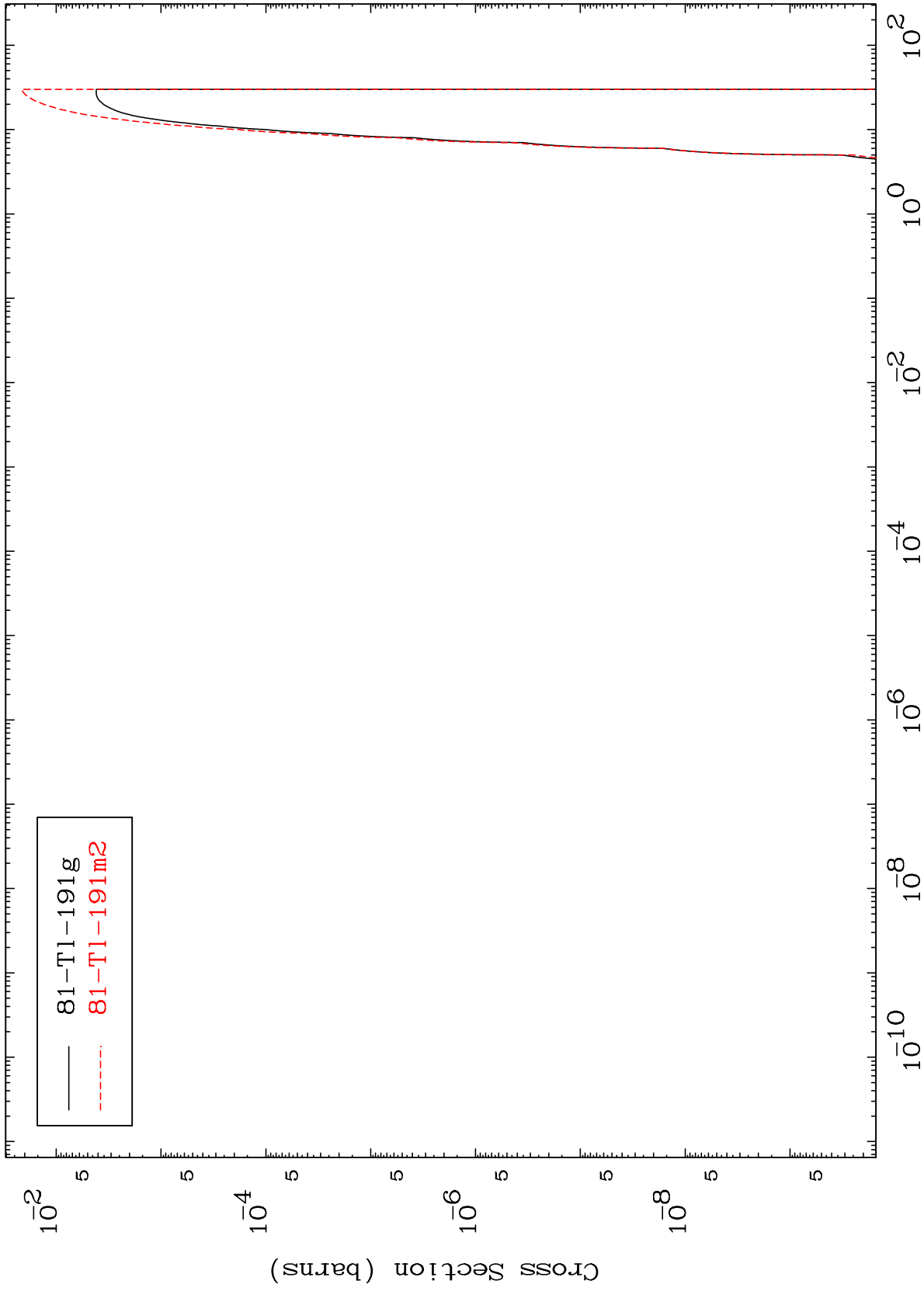
82-Pb-191



MAT 8186

82-Pb-191

(d,2p)  
Radionuclide Production Cross Section



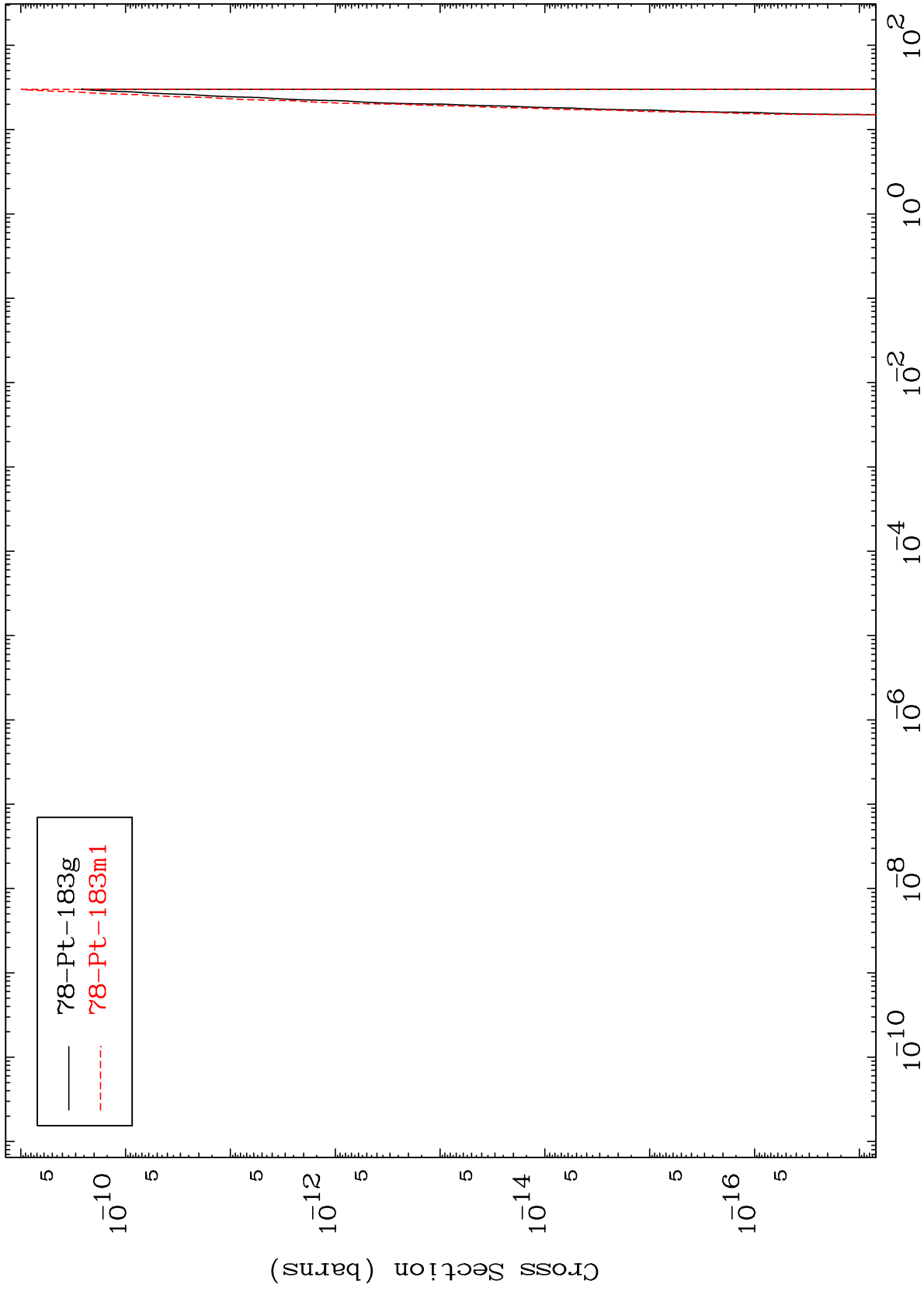


MAT 8186

(d,d)  $2\alpha$

82-Pb-191

Radionuclide Production Cross Section



32

Incident Energy (MeV)

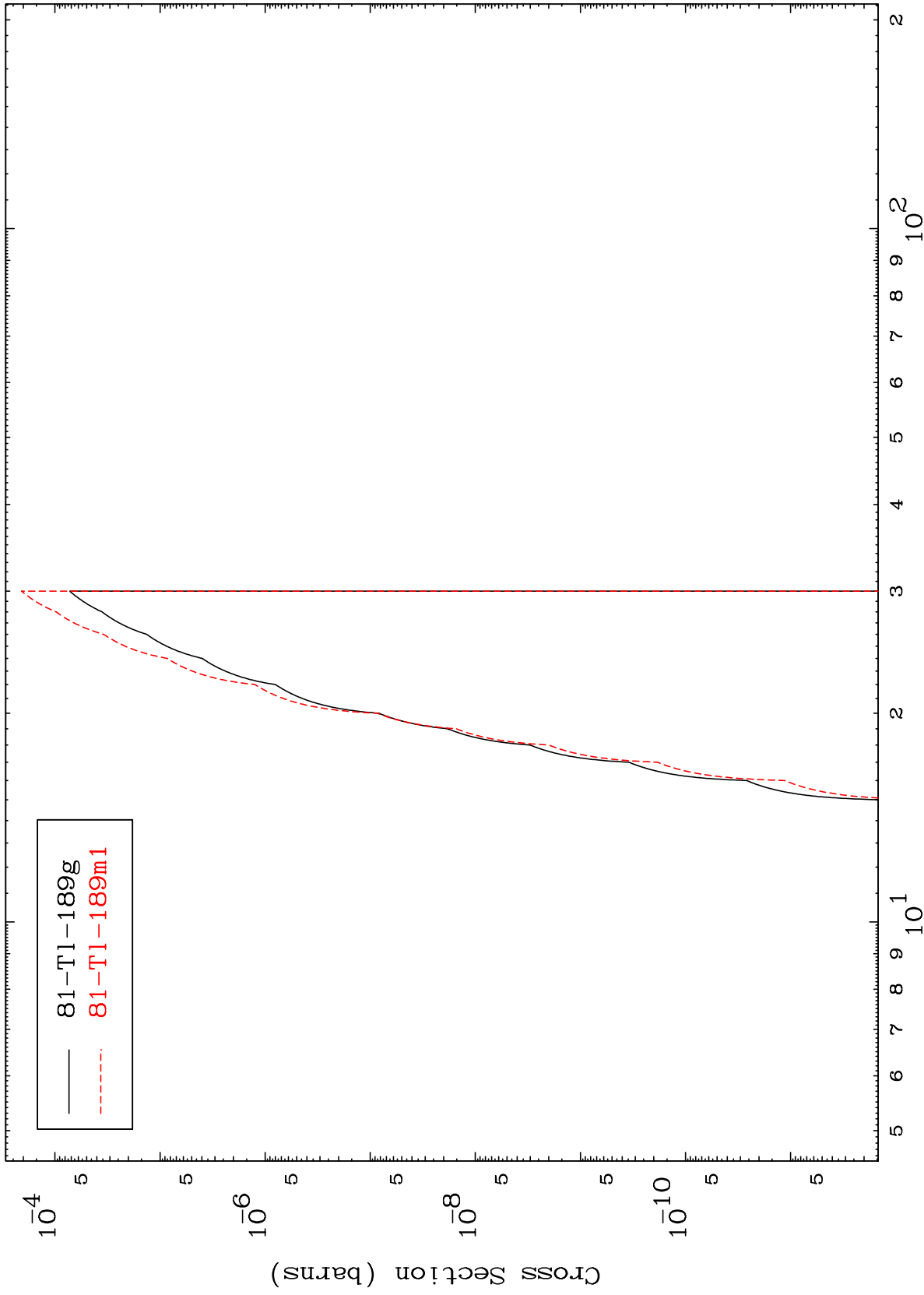
82-Pb-191

MAT 8186

(d,p) t

82-Pb-191

Radionuclide Production Cross Section



33

Incident Energy (MeV)

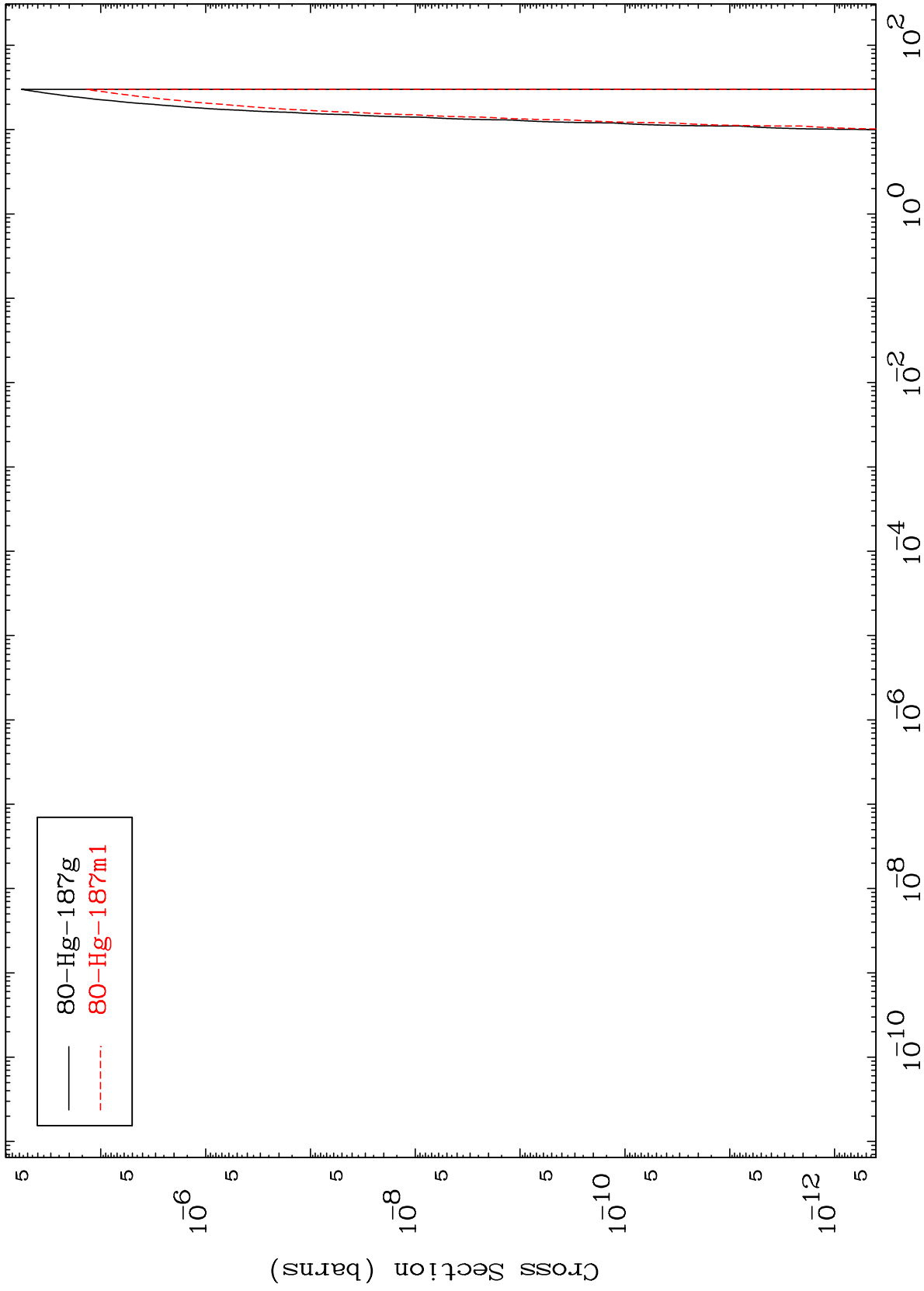
82-Pb-191

MAT 8186

(d,d)  $\alpha$

82-Pb-191

Radionuclide Production Cross Section



34

Incident Energy (MeV)

82-Pb-191