

Program EVALPLOT
(Version 2017-1)

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

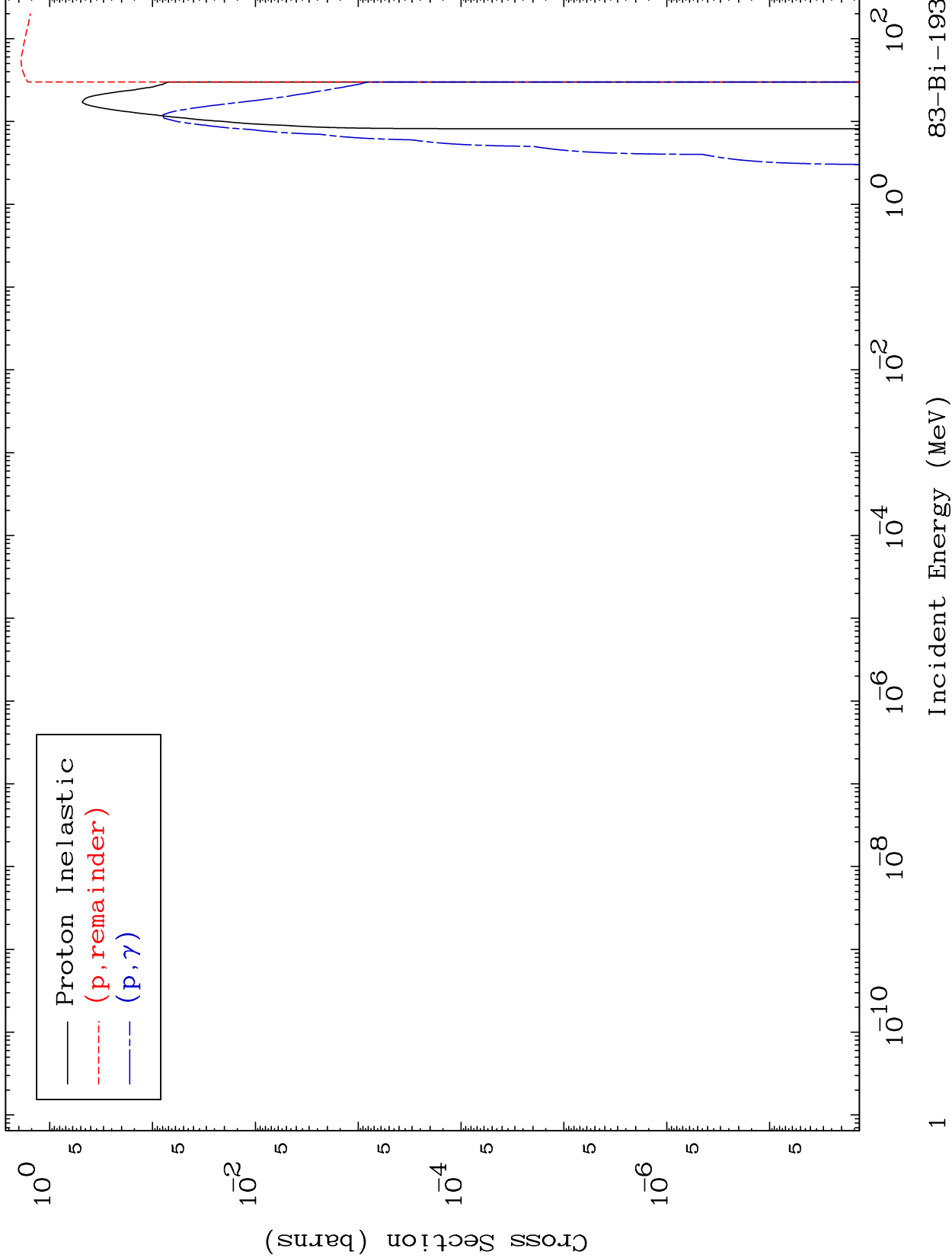
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8278

Proton Major
0 Kelvin Cross Sections

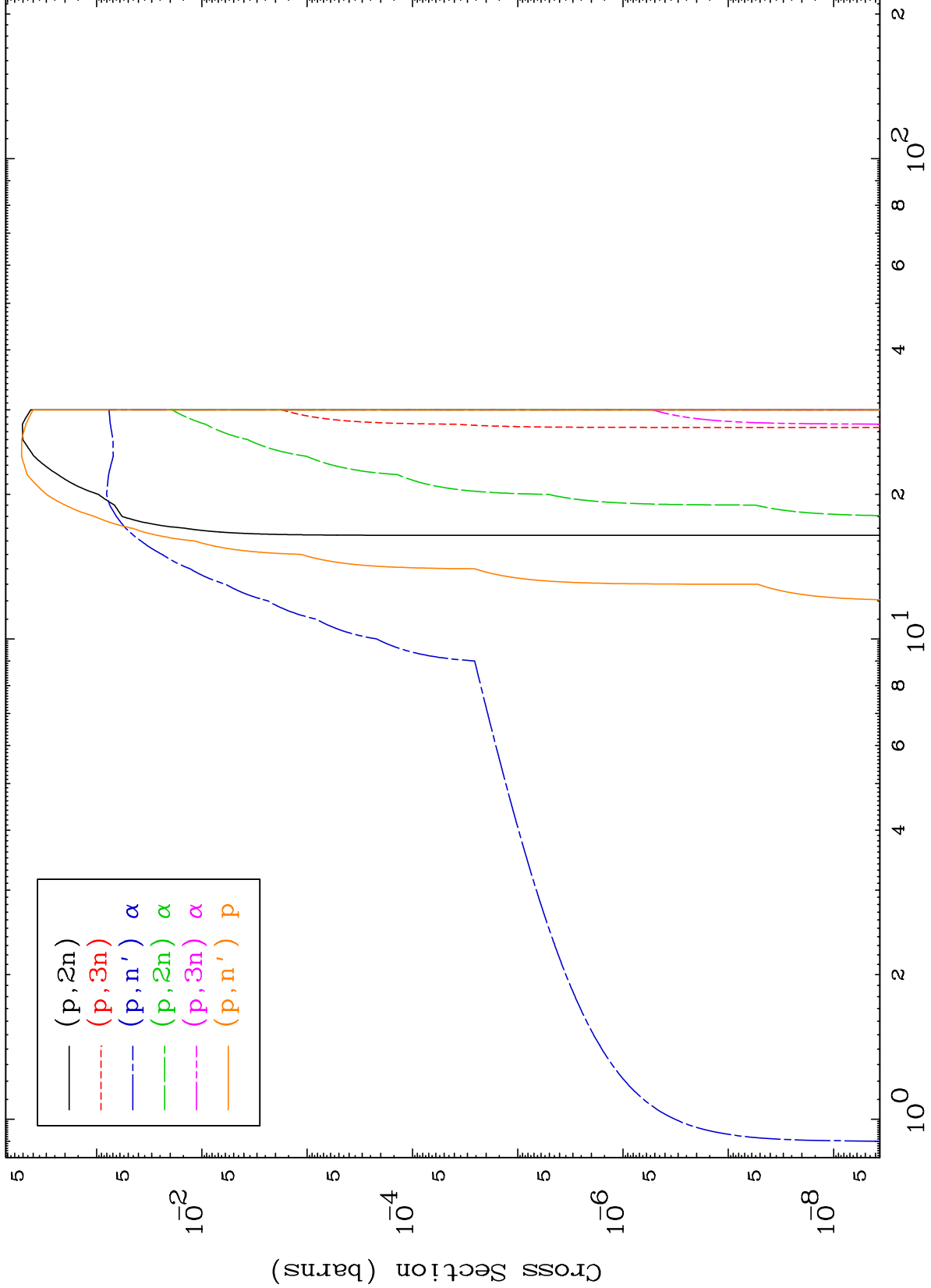
83-Bi-193



MAT 8278

Proton Neutron Production
0 Kelvin Cross Sections

83-Bi-193



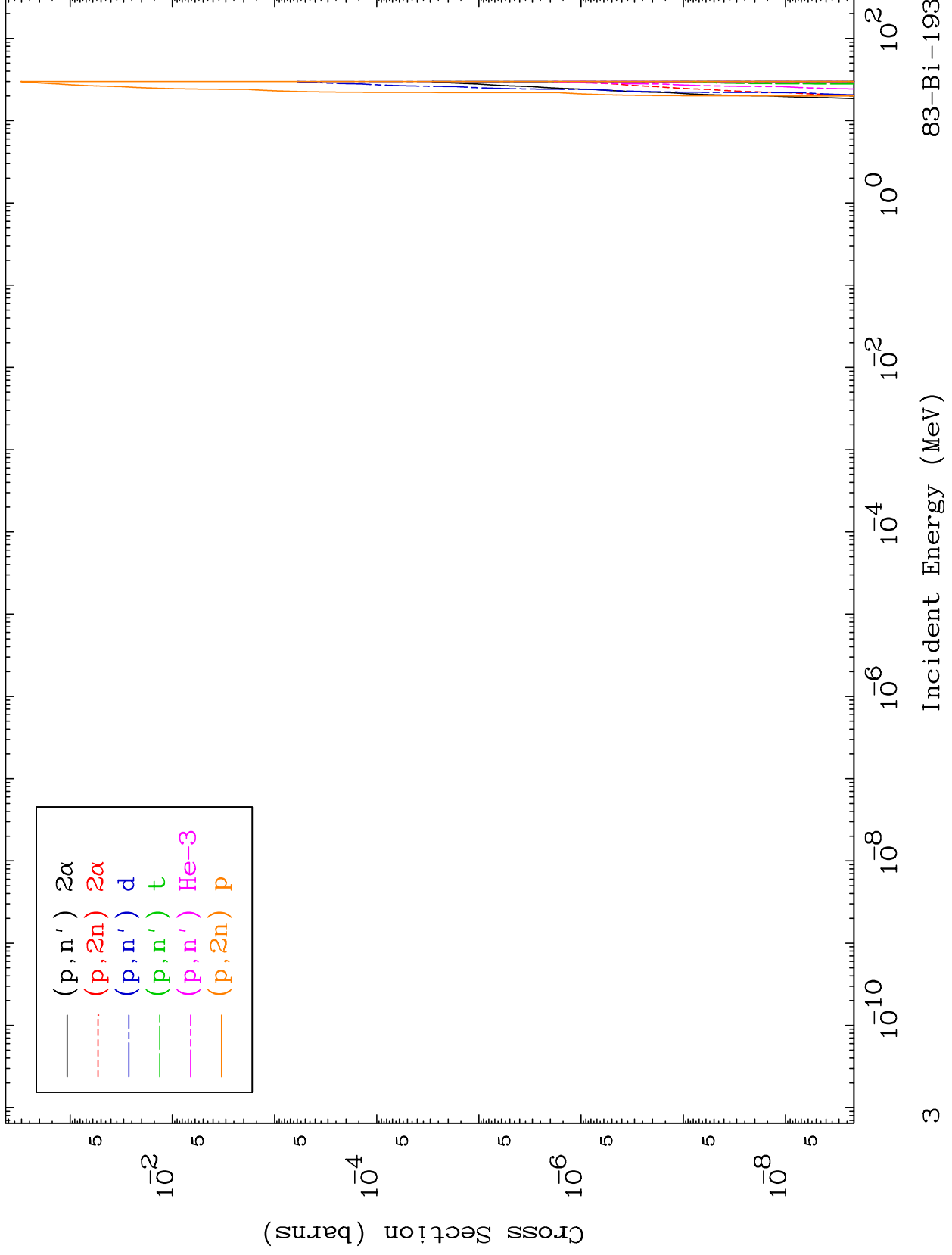
Incident Energy (MeV)

83-Bi-193

MAT 8278

Proton Neutron Production
0 Kelvin Cross Sections

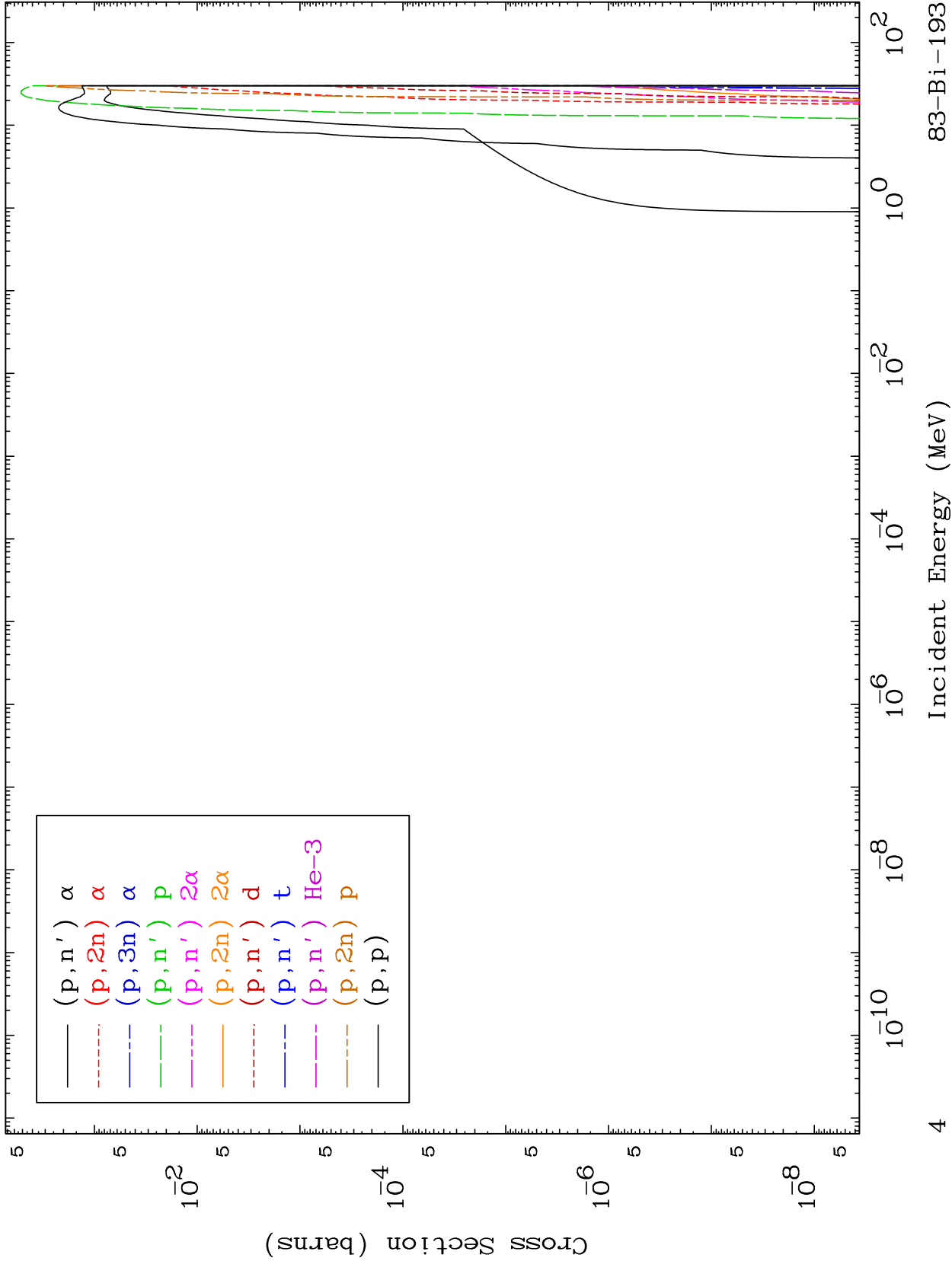
83-Bi-193



MAT 8278

Proton Charged Particle
0 Kelvin Cross Sections

83-Bi-193

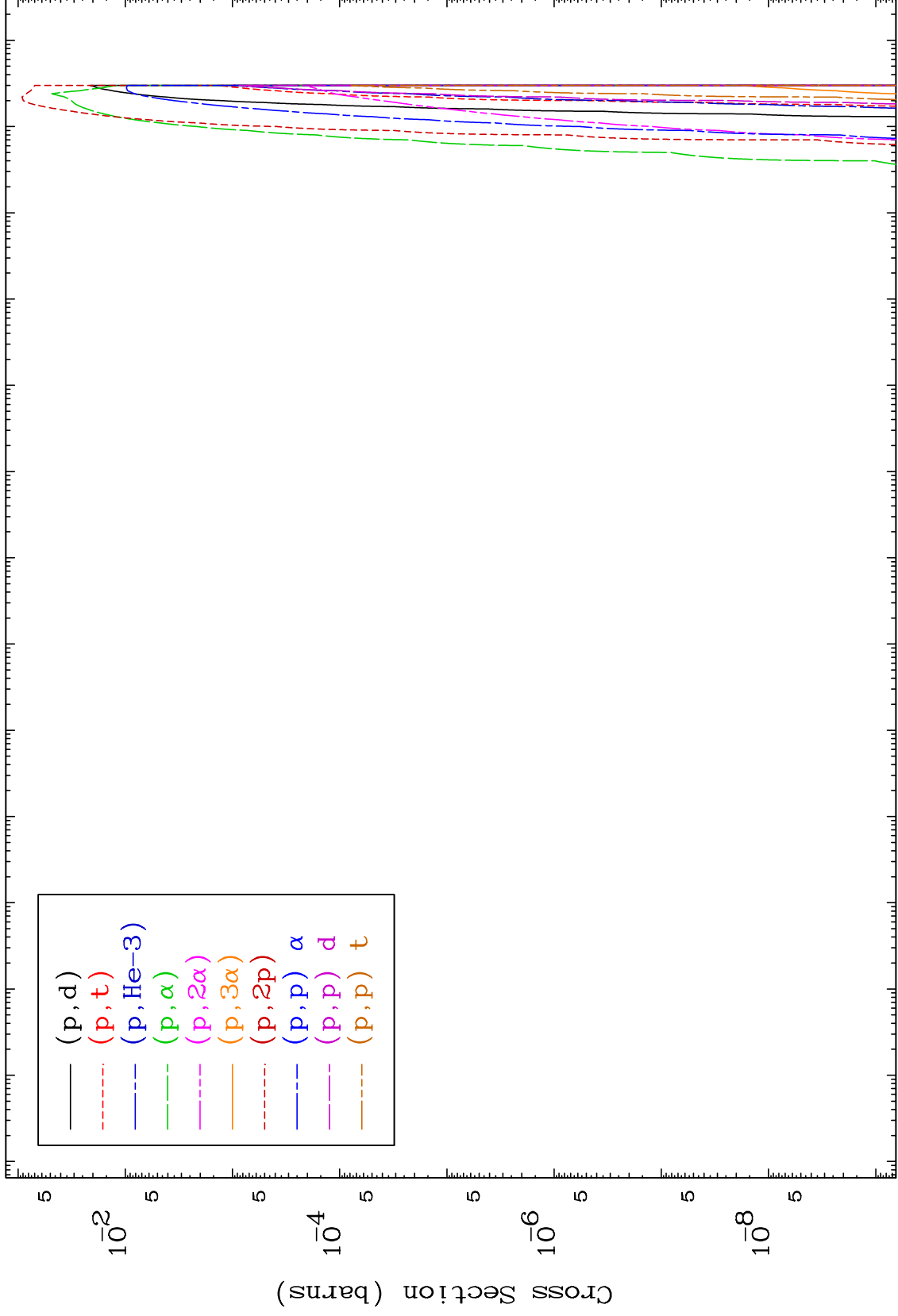


83-Bi-193

MAT 8278

Proton Charged Particle
0 Kelvin Cross Sections

83-Bi-193



5

Incident Energy (MeV)

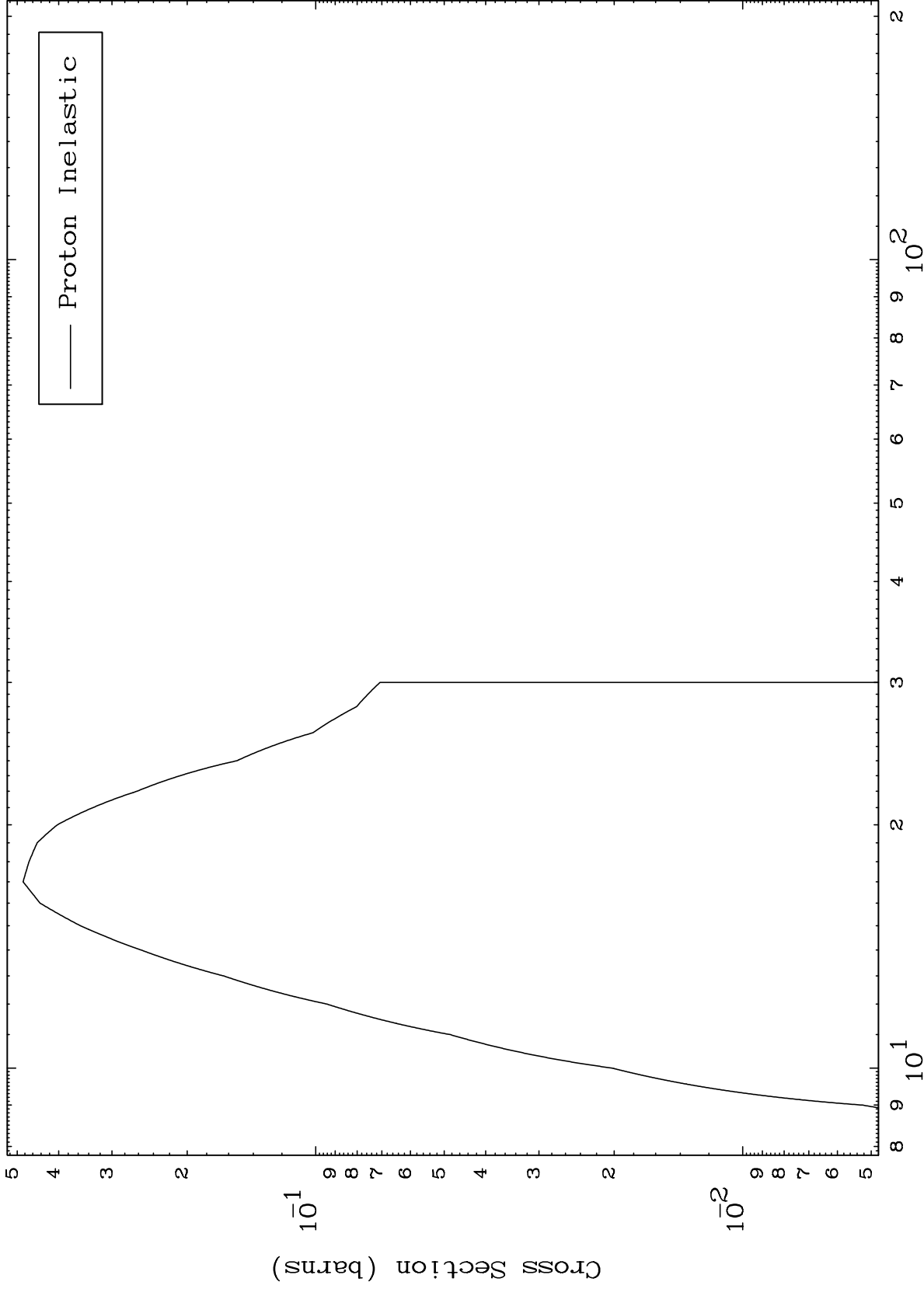
83-Bi-193

MAT 8278

(p,n') Level

83-Bi-193

0 Kelvin Cross Sections



Incident Energy (MeV)

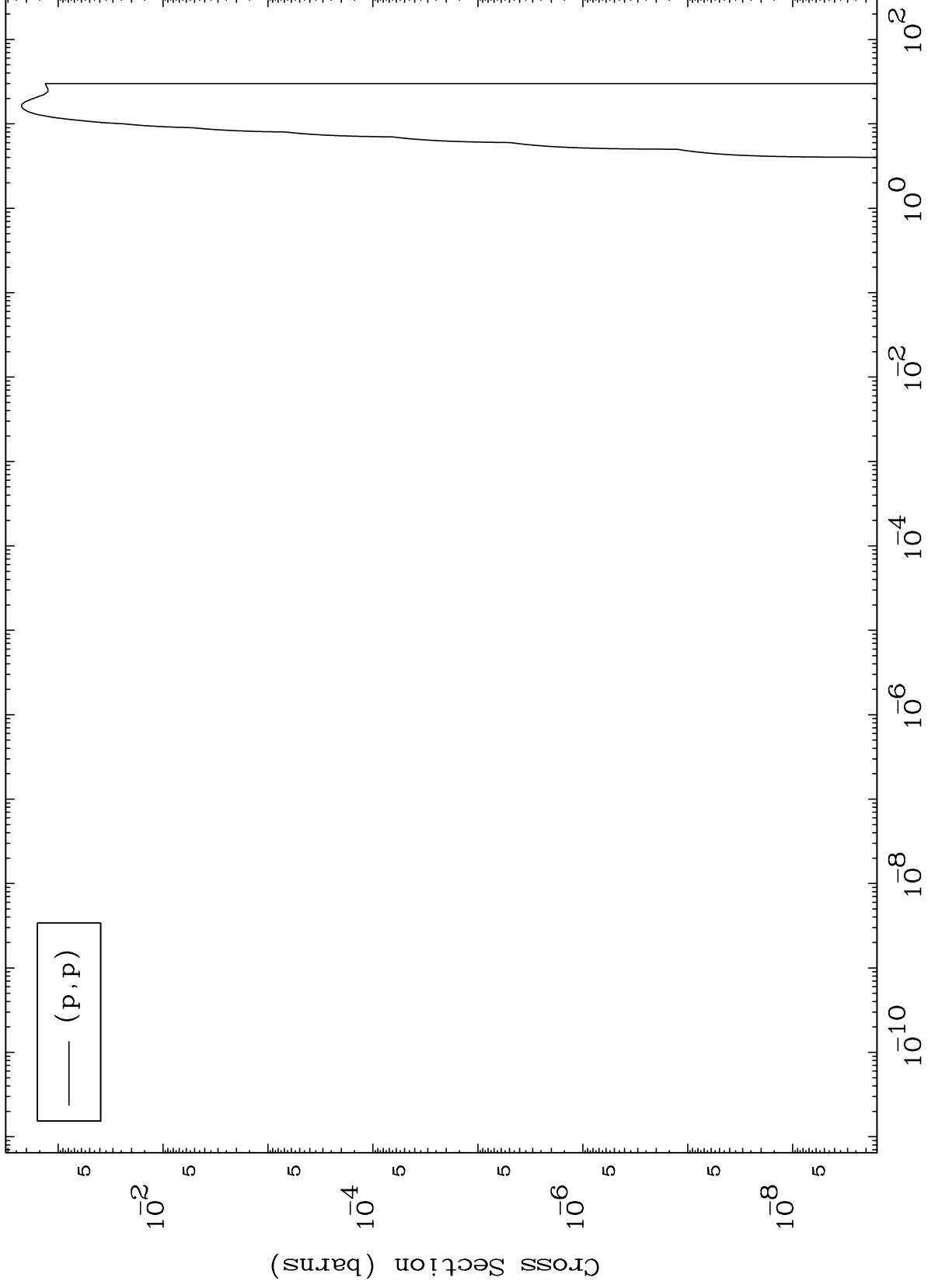
83-Bi-193

6

MAT 8278

(p,p) Levels
0 Kelvin Cross Sections

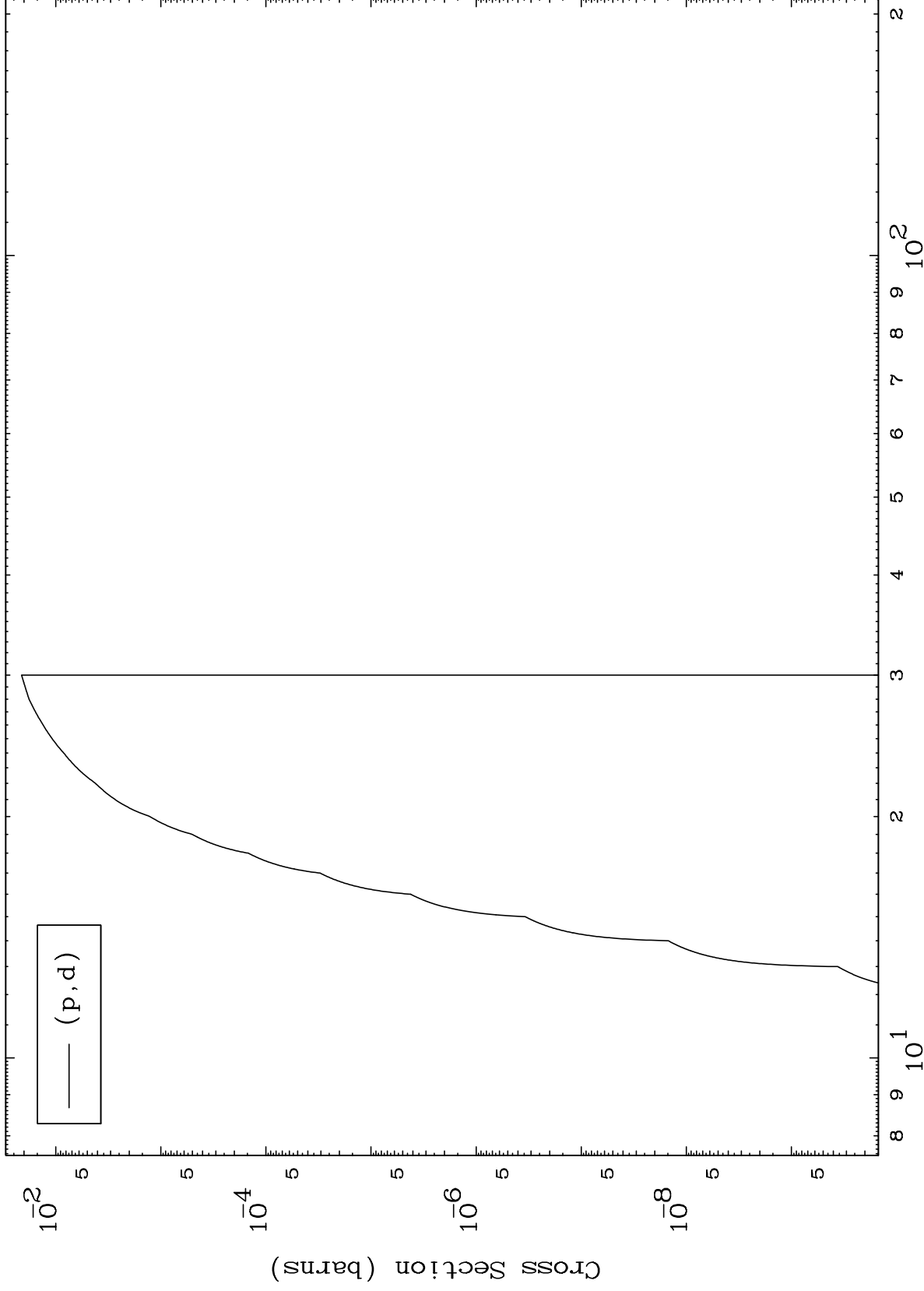
83-Bi-193



MAT 8278

(p,d) Levels
0 Kelvin Cross Sections

83-Bi-193



8

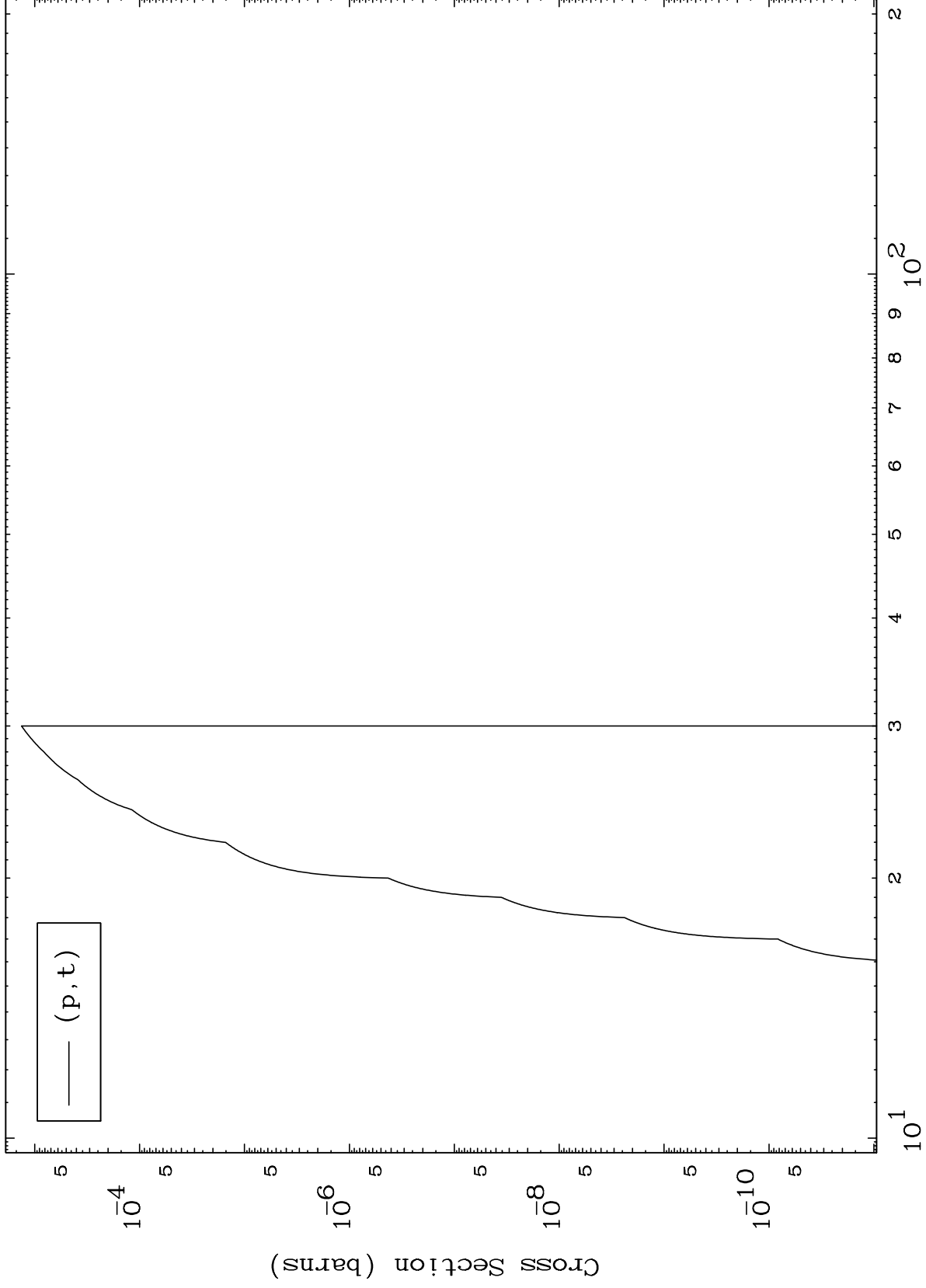
Incident Energy (MeV)

83-Bi-193

MAT 8278

(p,t) Levels
0 Kelvin Cross Sections

83-Bi-193



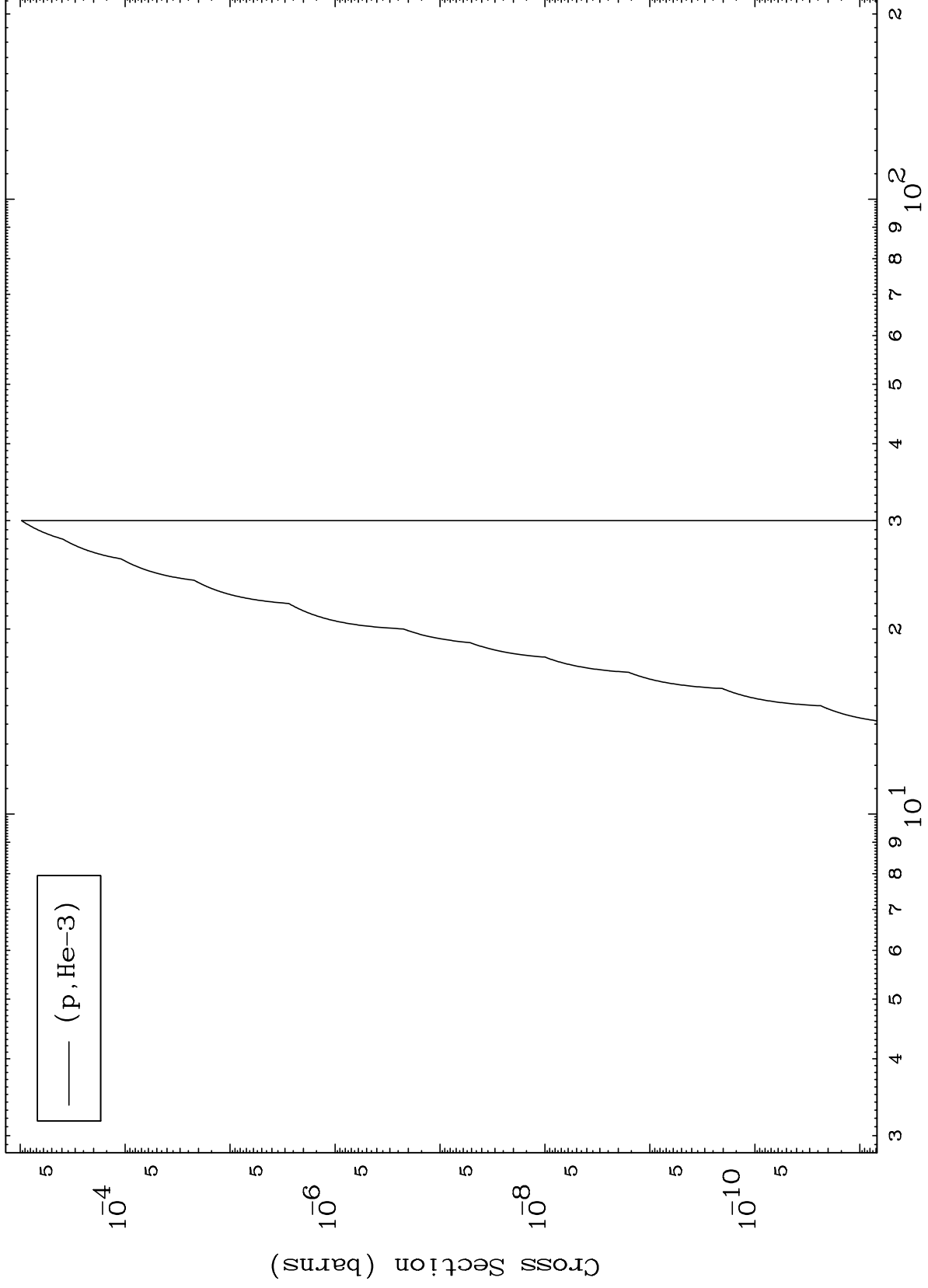
Incident Energy (MeV)

83-Bi-193

MAT 8278

(p,He3) Levels
0 Kelvin Cross Sections

83-Bi-193



10

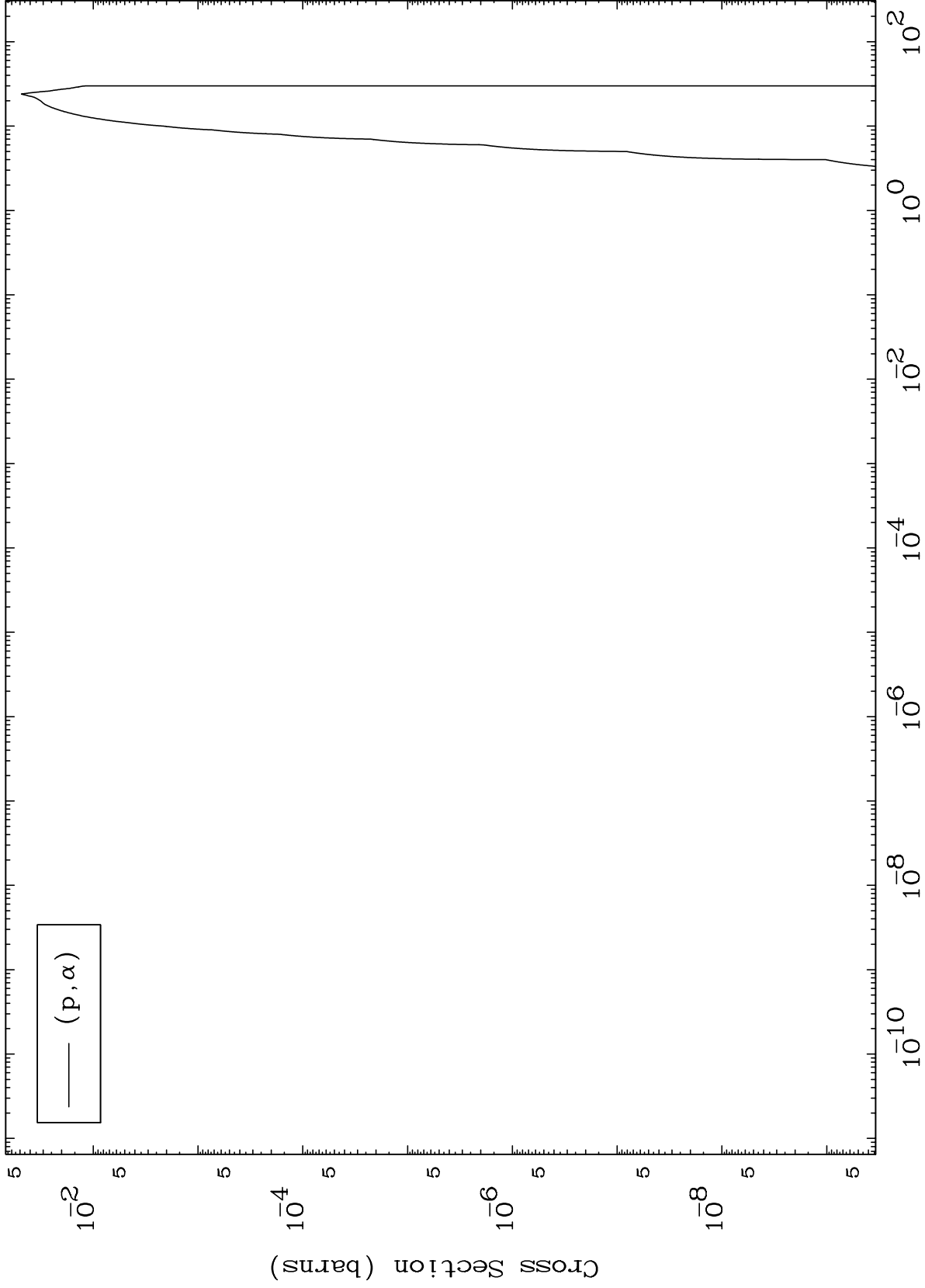
Incident Energy (MeV)

83-Bi-193

MAT 8278

(p, α) Levels
0 Kelvin Cross Sections

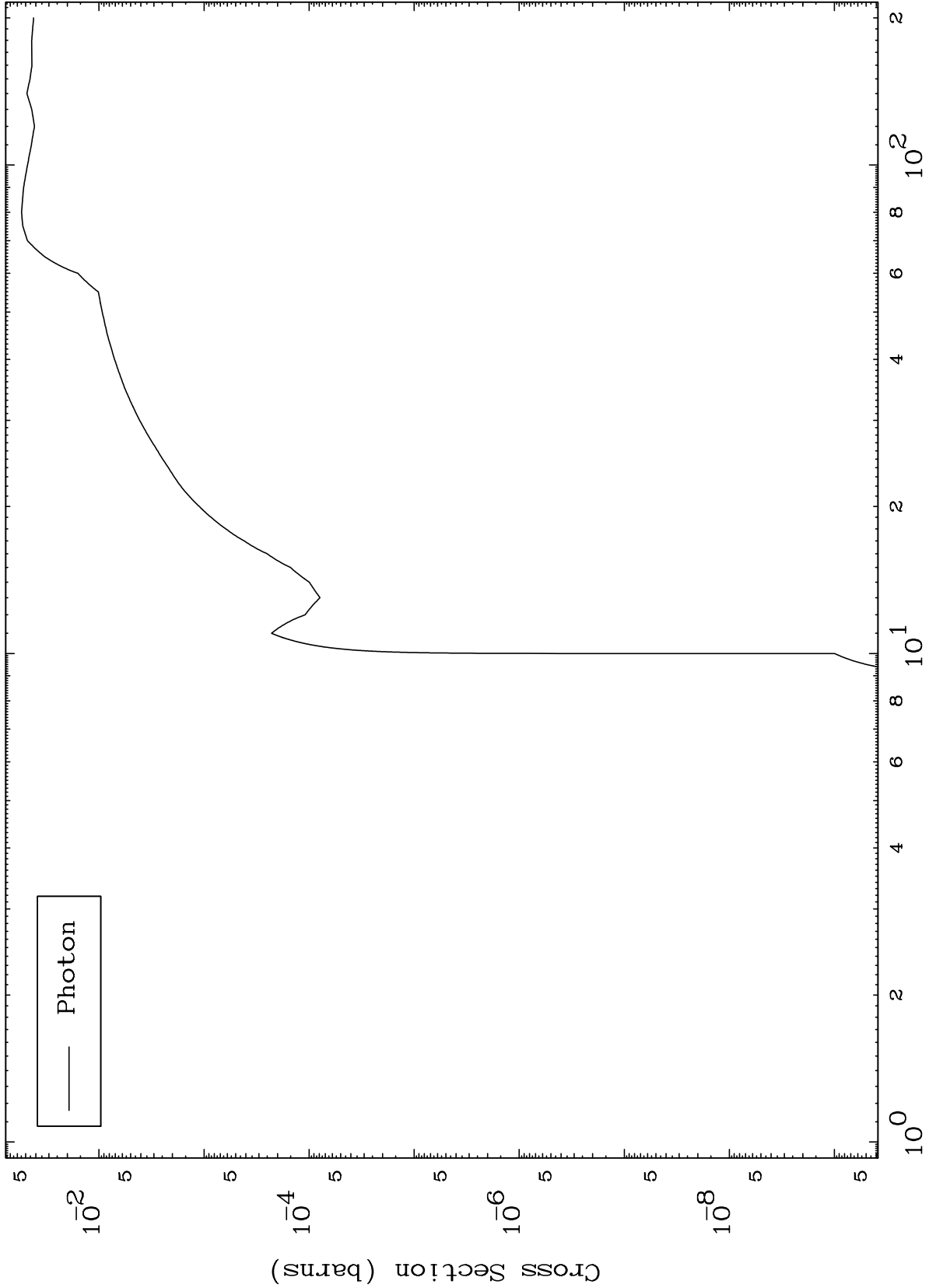
83-Bi-193



MAT 8278

83-Bi-193

Proton Fission
Radionuclide Production Cross Section



Incident Energy (MeV)

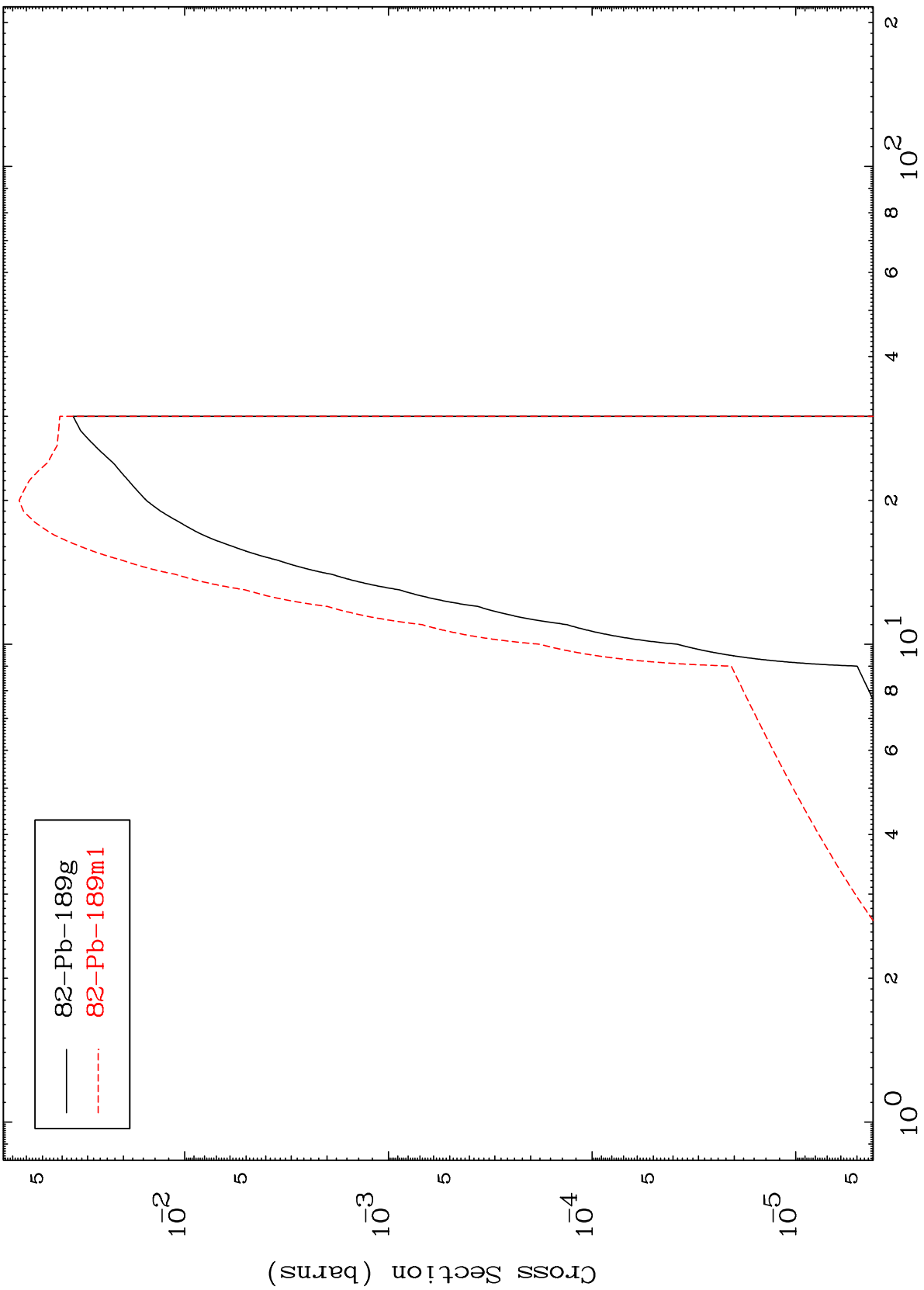
83-Bi-193

MAT 8278

(p,n') α

83-Bi-193

Radionuclide Production Cross Section



82-Pb-189g
82-Pb-189m1

Incident Energy (MeV)

83-Bi-193

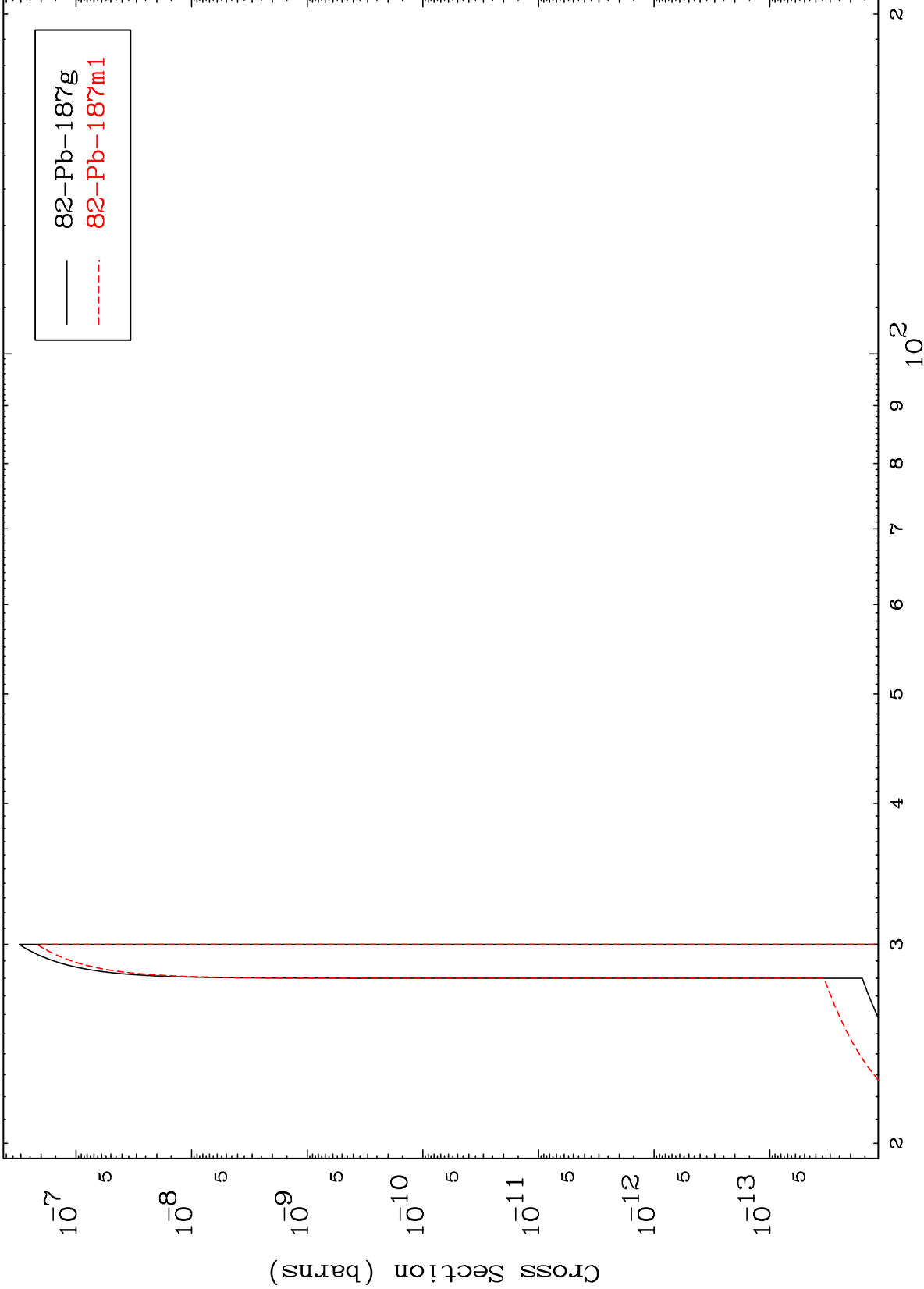
13

MAT 8278

(p,3n) α

83-Bi-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

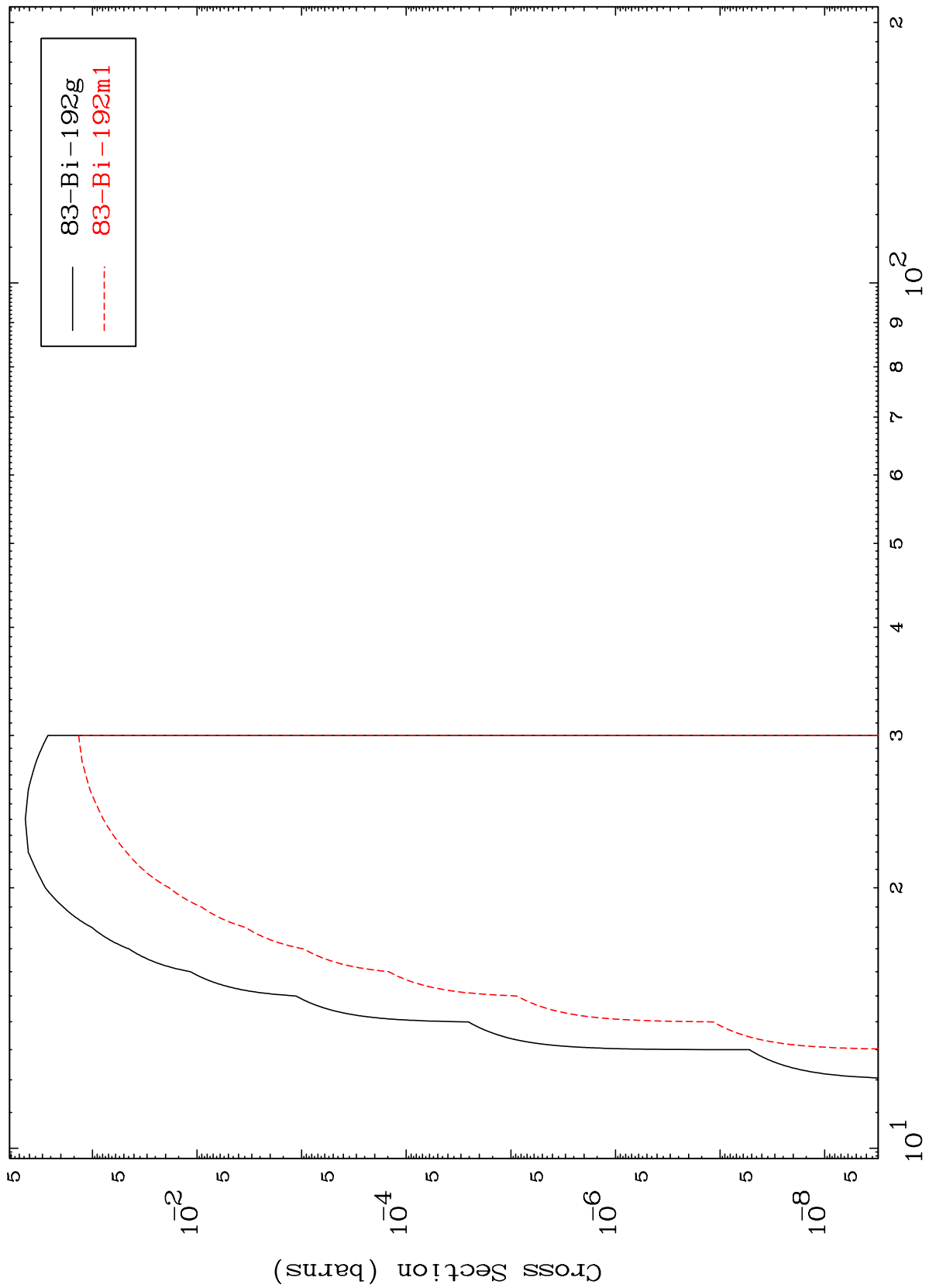
83-Bi-193

MAT 8278

(p,n') p

83-Bi-193

Radionuclide Production Cross Section



Incident Energy (MeV)

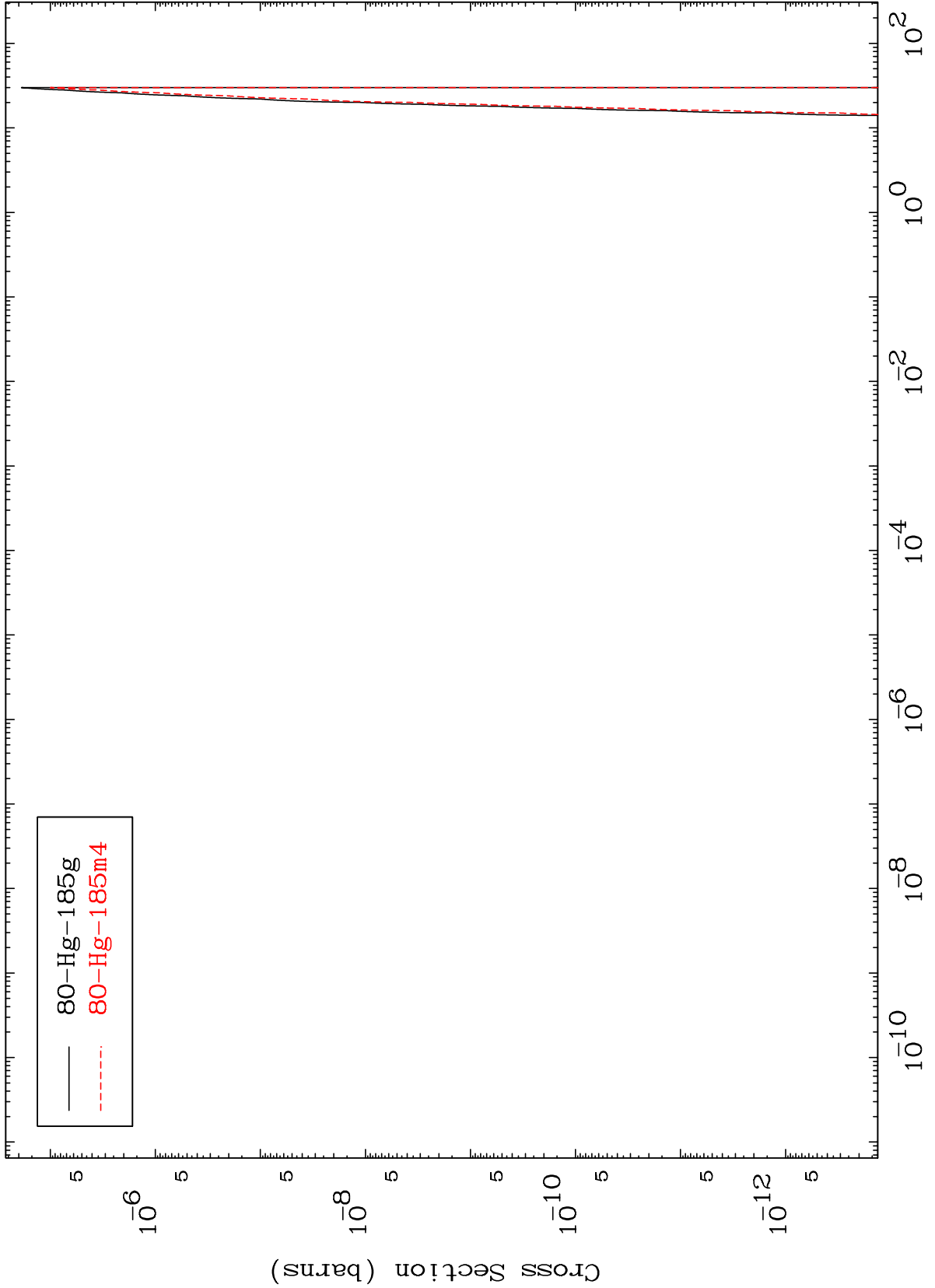
83-Bi-193

MAT 8278

(p,n') 2 α

83-Bi-193

Radionuclide Production Cross Section

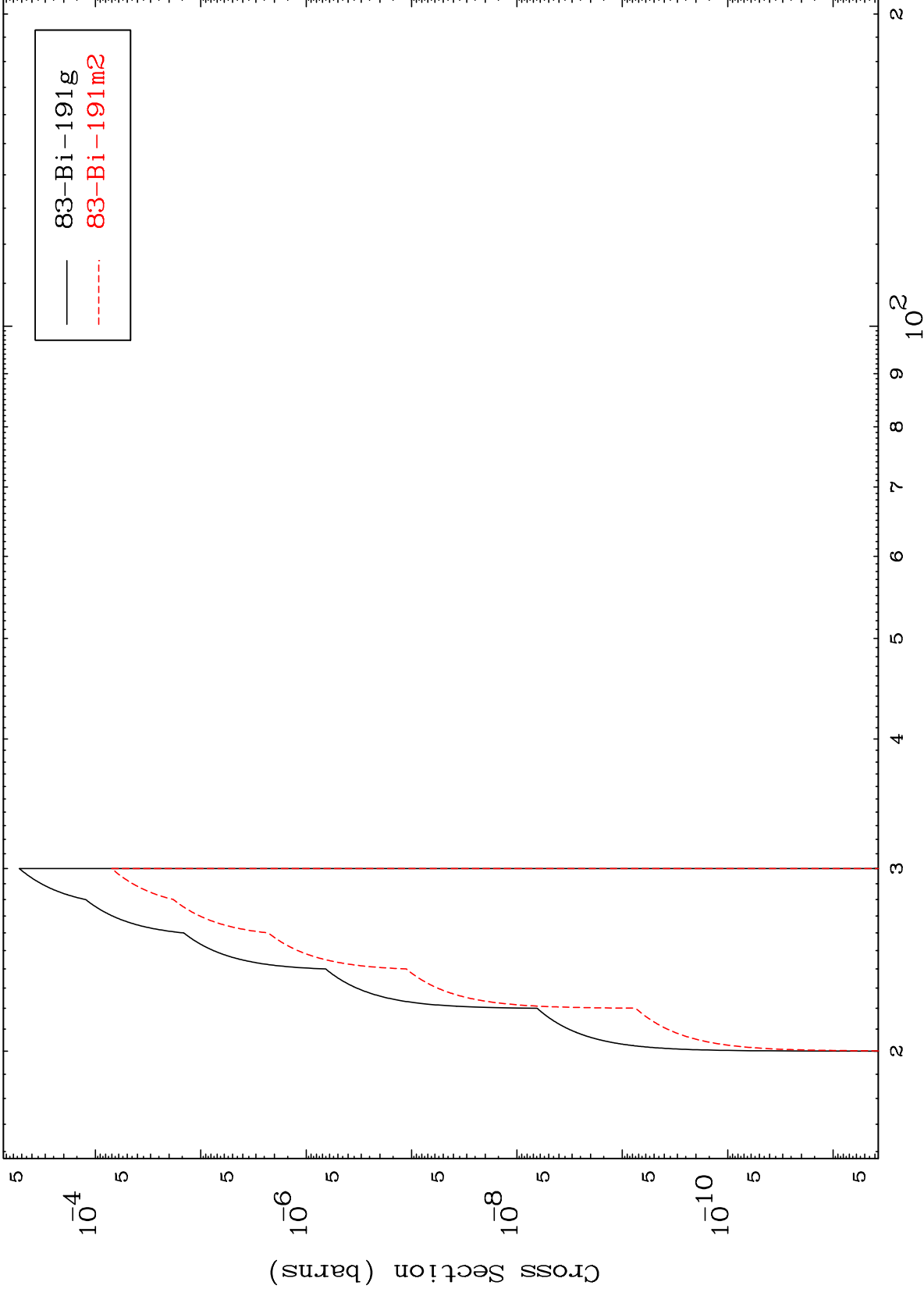


MAT 8278

(p,n) d

83-Bi-193

Radionuclide Production Cross Section

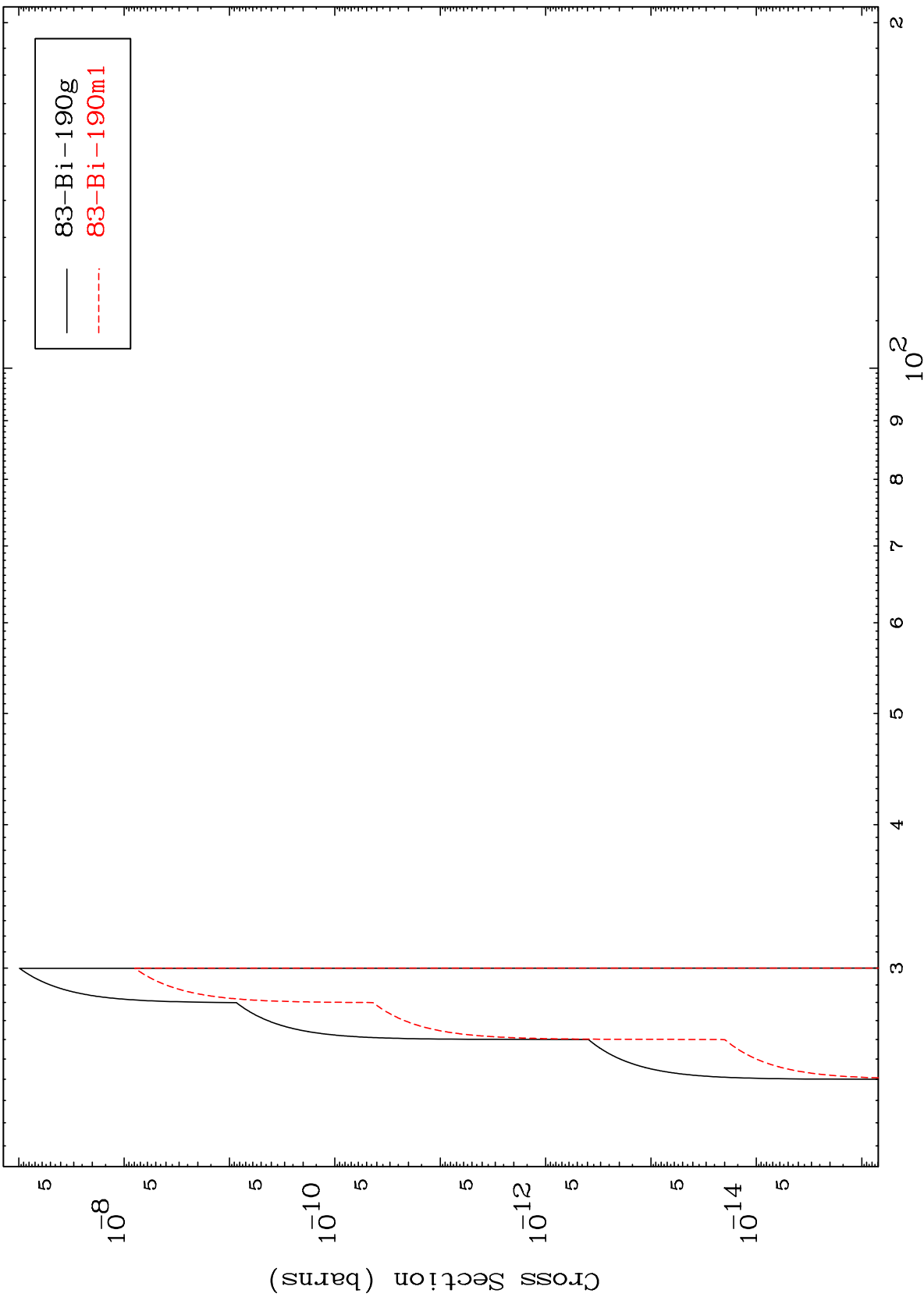


17

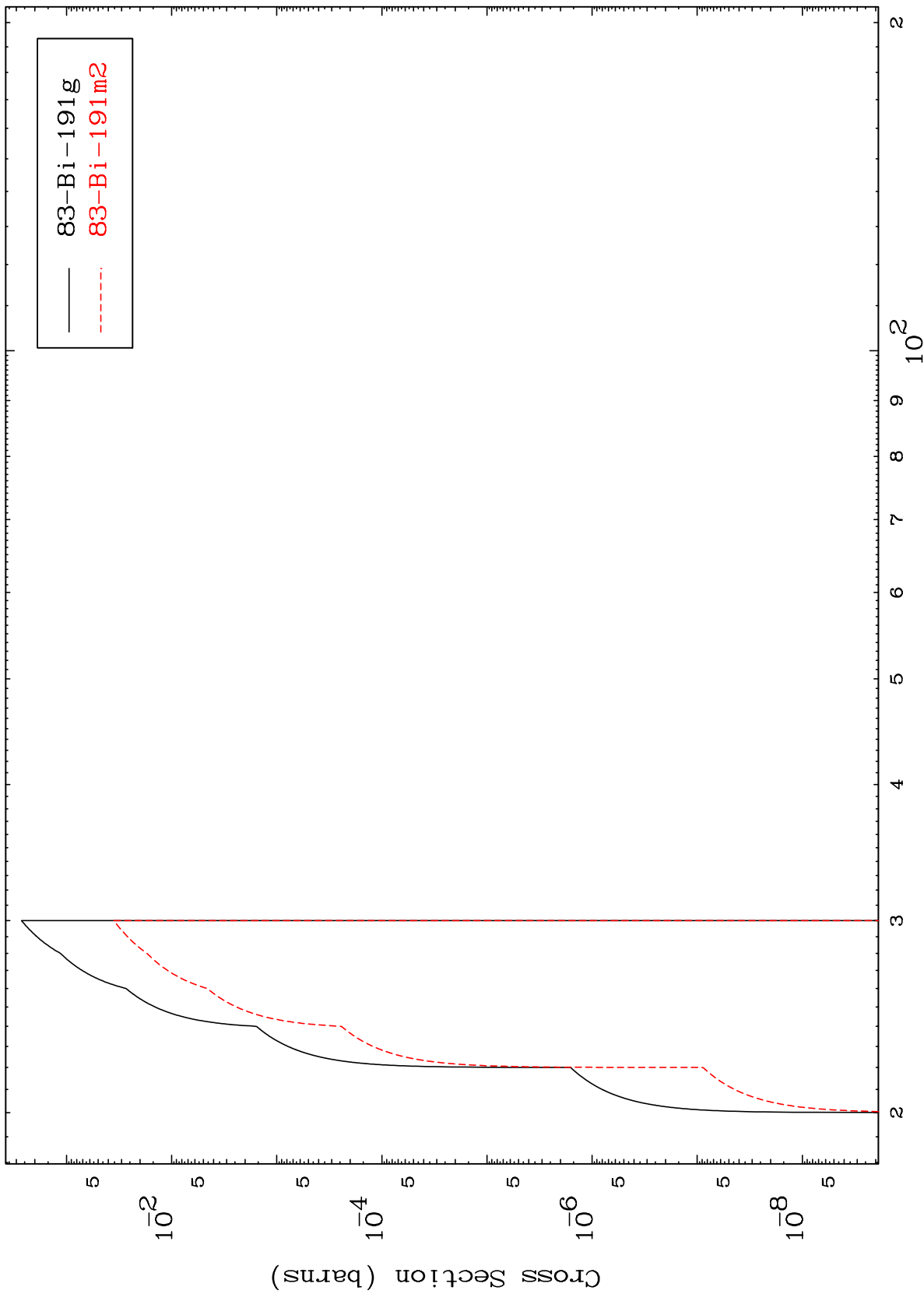
Incident Energy (MeV)

83-Bi-193

Radionuclide Production Cross Section



Radionuclide Production Cross Section

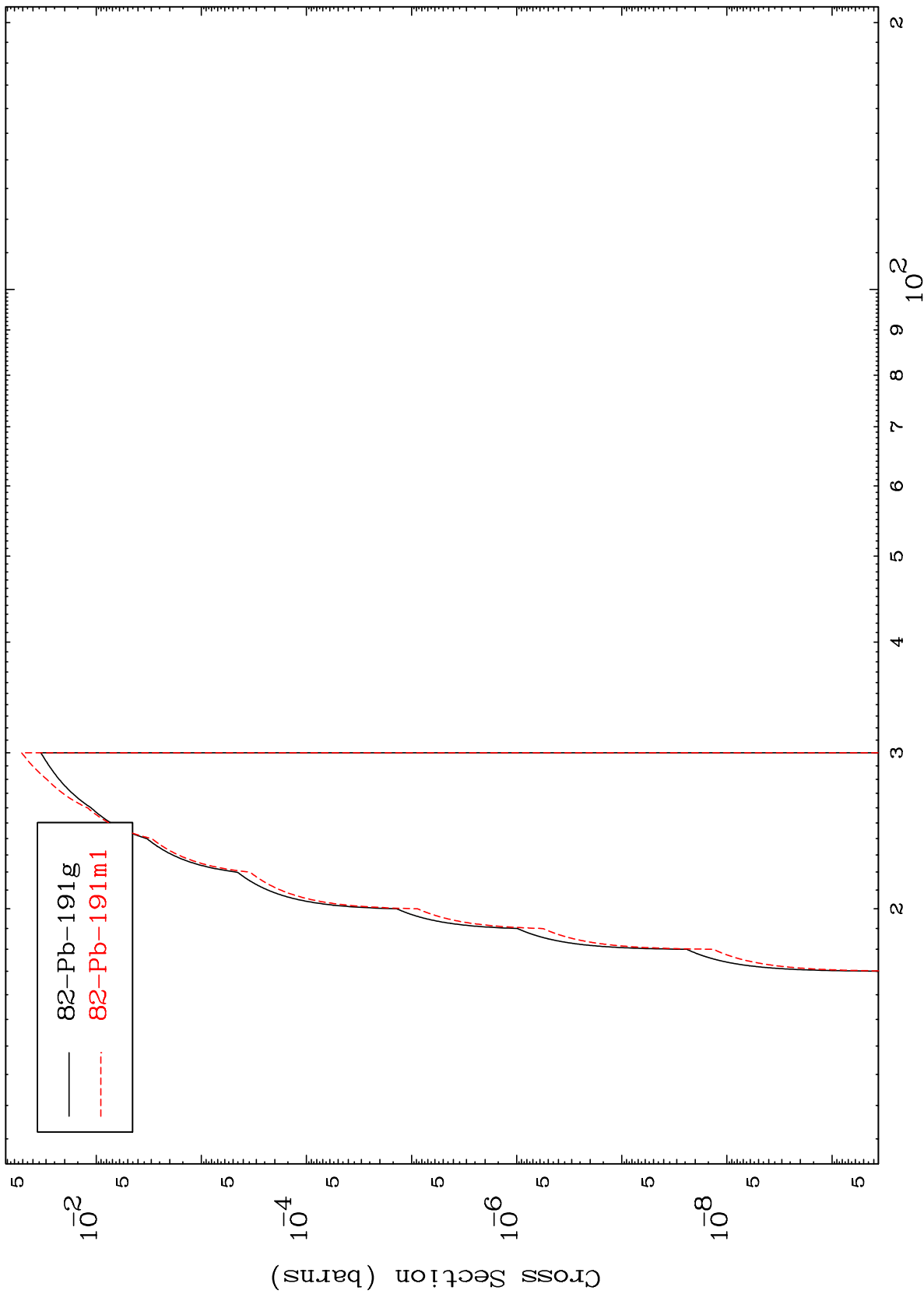


MAT 8278

(p,2n) p

83-Bi-193

Radionuclide Production Cross Section



20

Incident Energy (MeV)

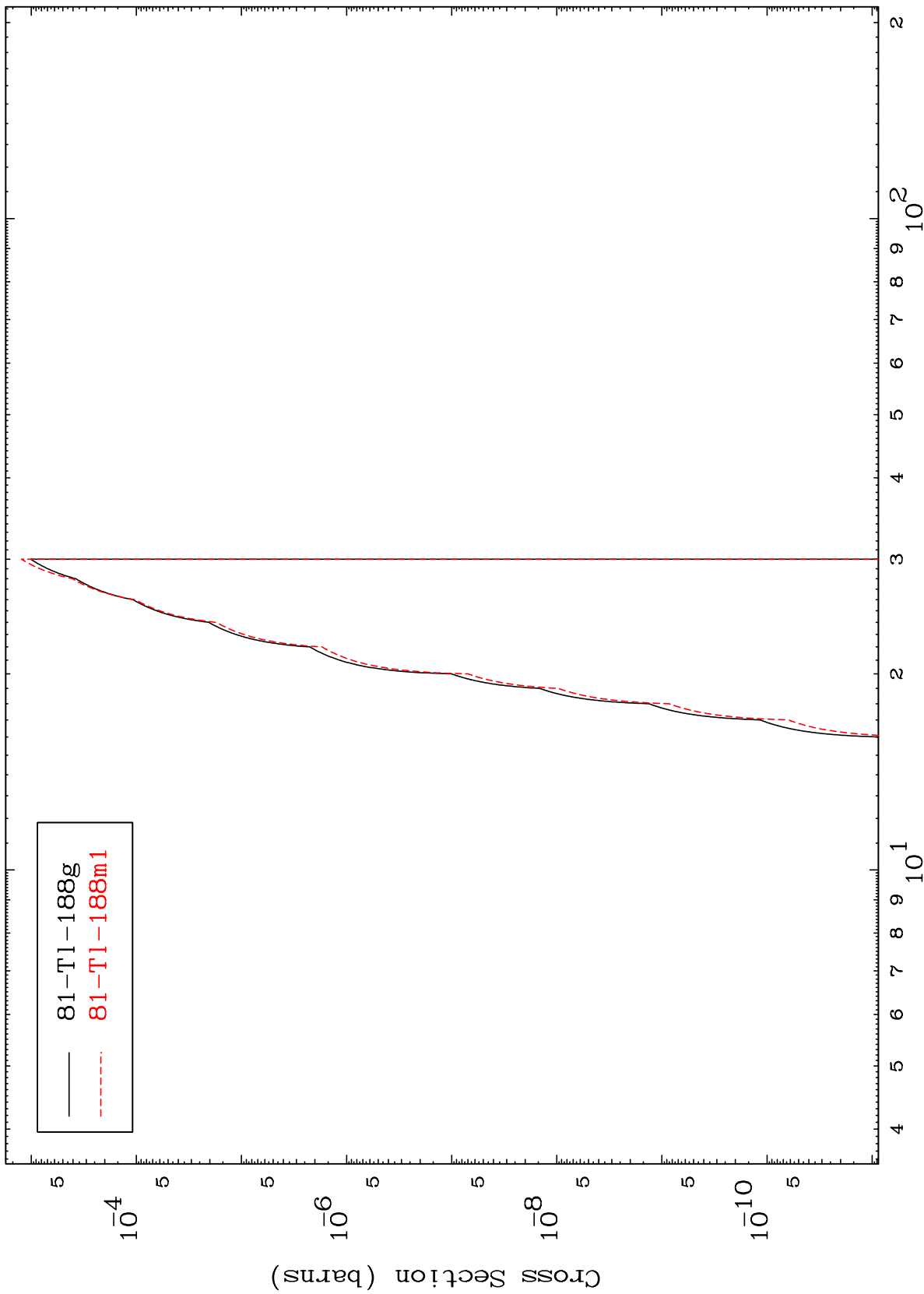
83-Bi-193

MAT 8278

(p,n') p α

83-Bi-193

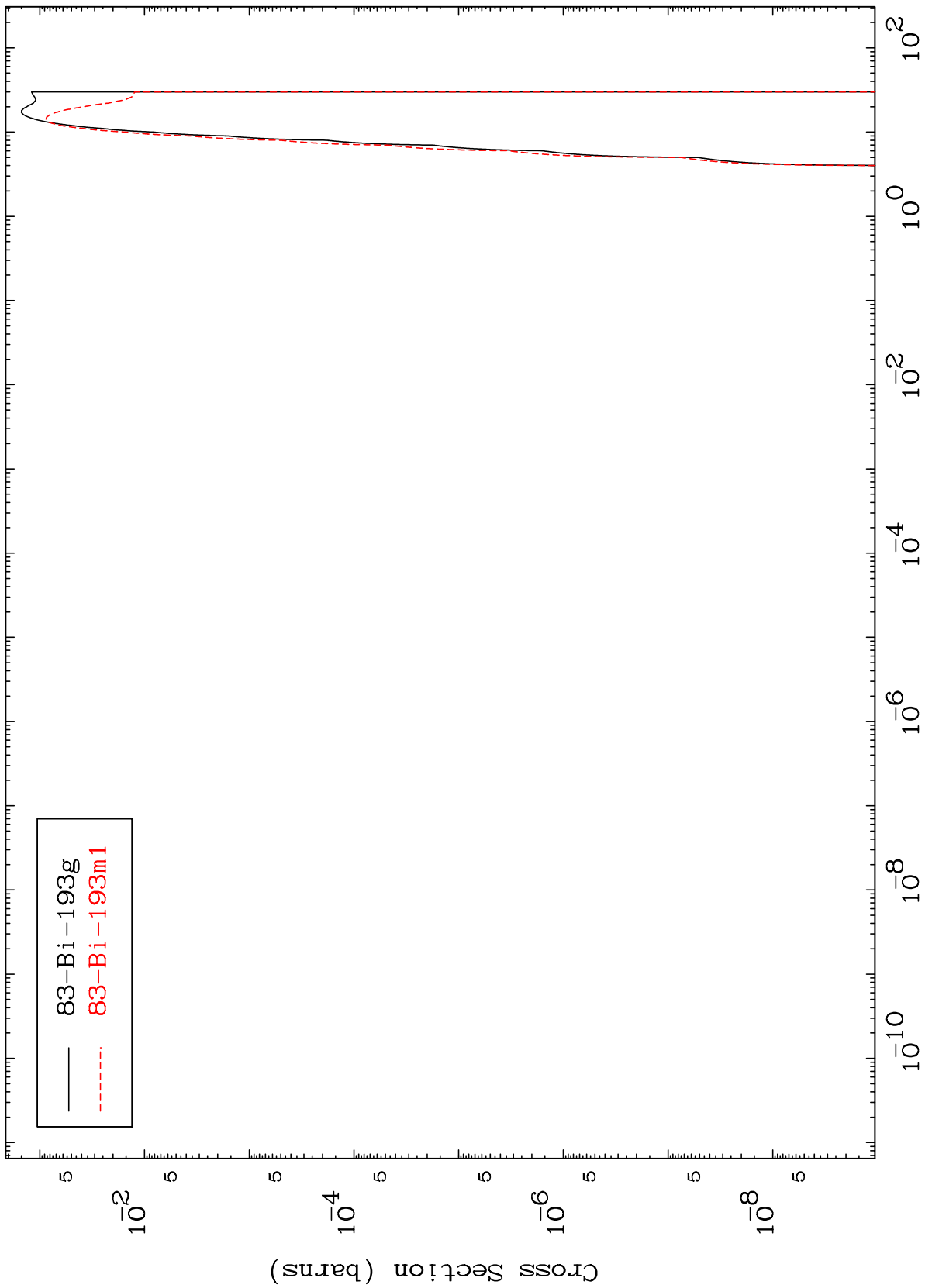
Radionuclide Production Cross Section



MAT 8278

⁸³Bi-193

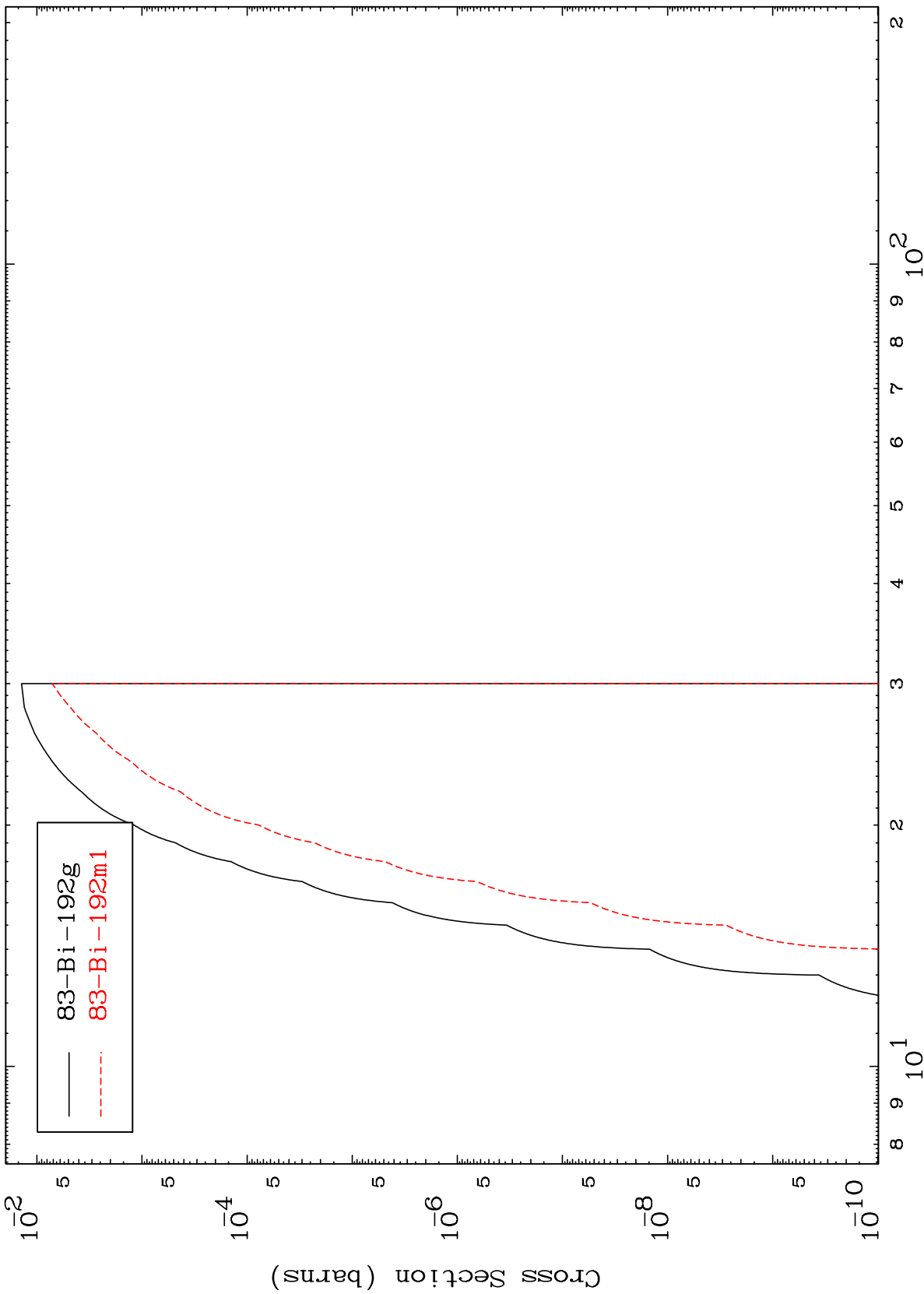
(p,p)
Radionuclide Production Cross Section



MAT 8278

83-Bi-193

(p,d)
Radionuclide Production Cross Section



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

83-Bi-193

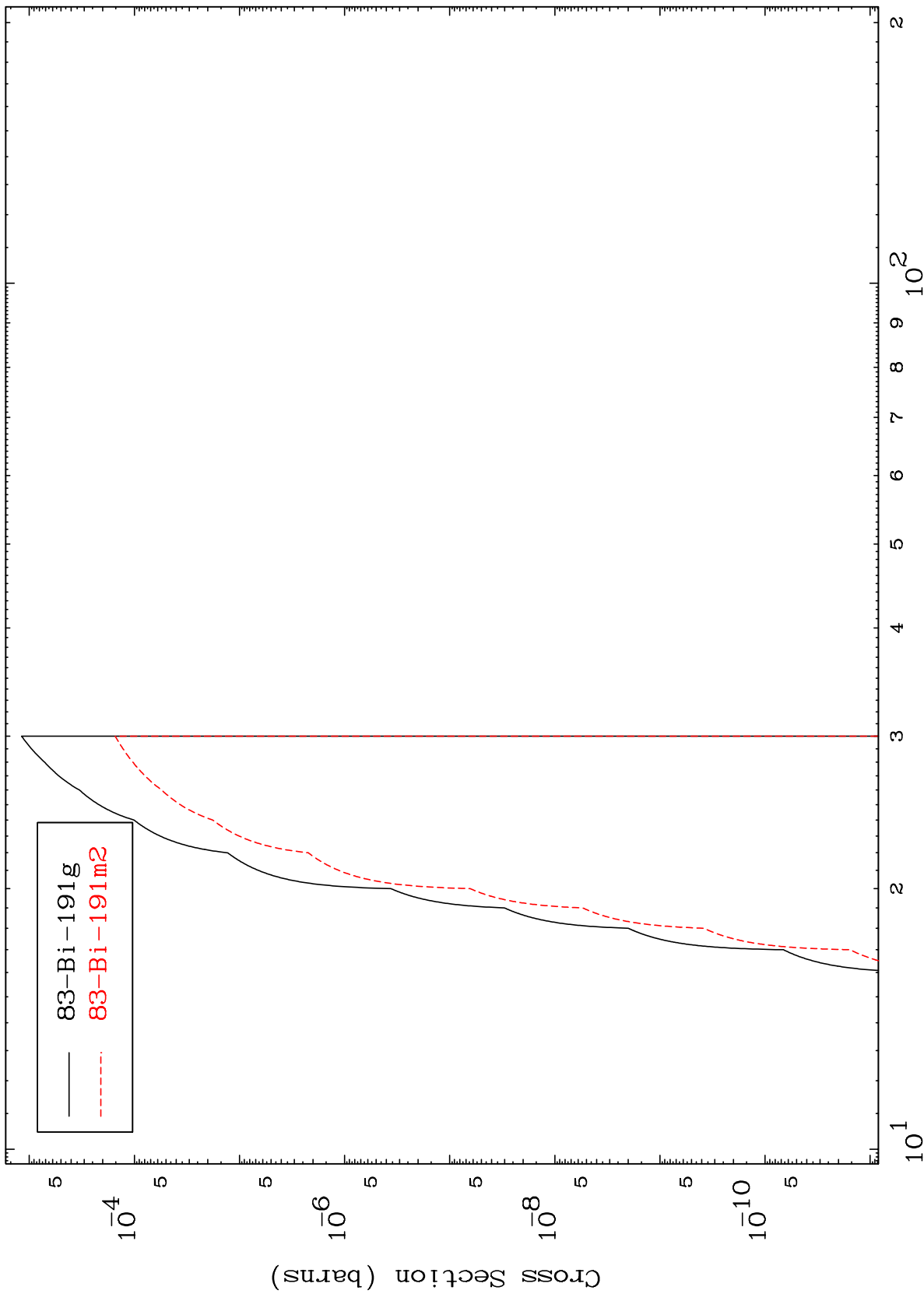
Incident Energy (MeV)

23

MAT 8278

83-Bi-193

(p,t)
Radionuclide Production Cross Section



83-Bi-193

Incident Energy (MeV)

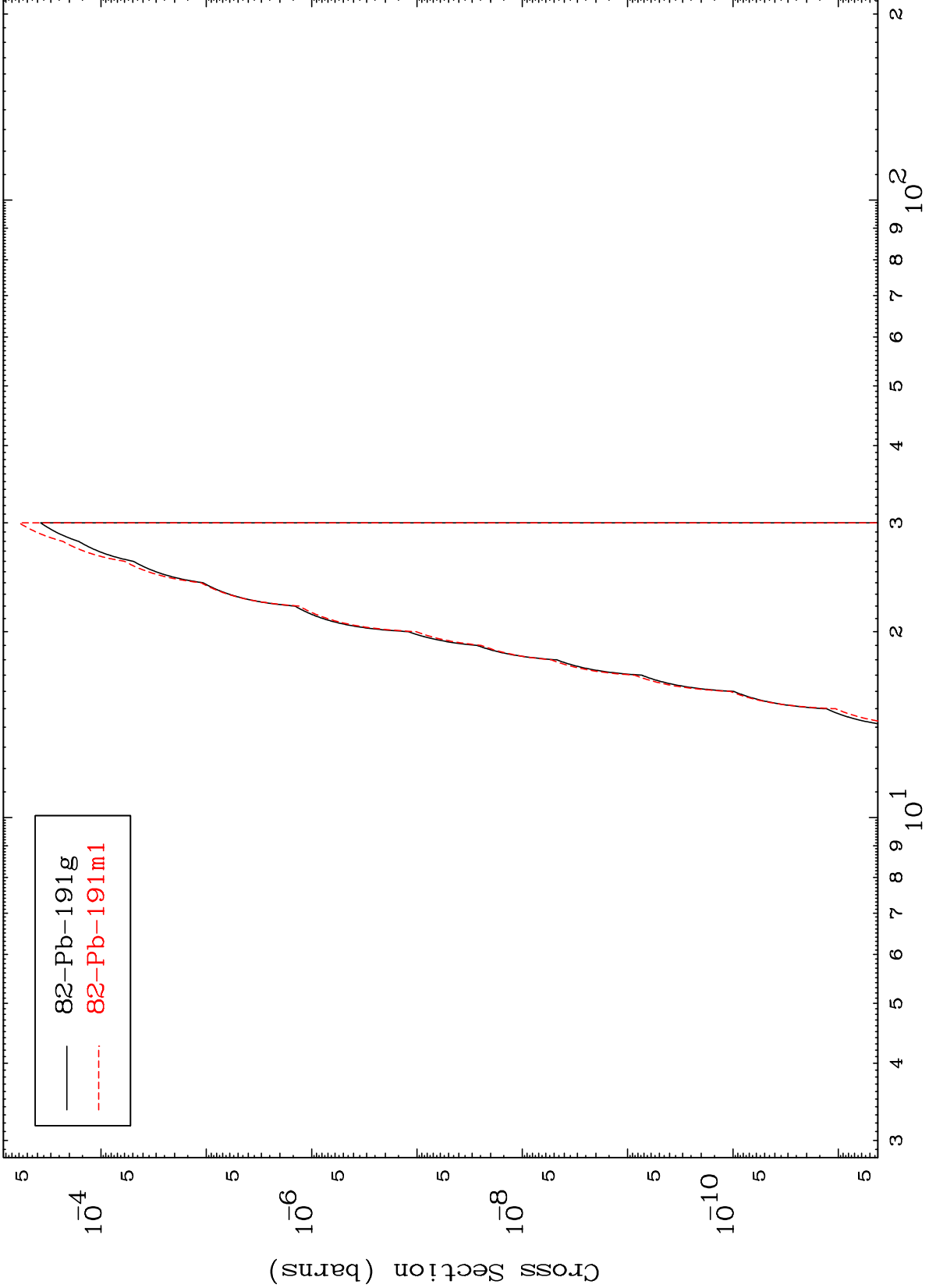
24

MAT 8278

(p,He-3)

83-Bi-193

Radionuclide Production Cross Section



82-Pb-191g
82-Pb-191m1

25

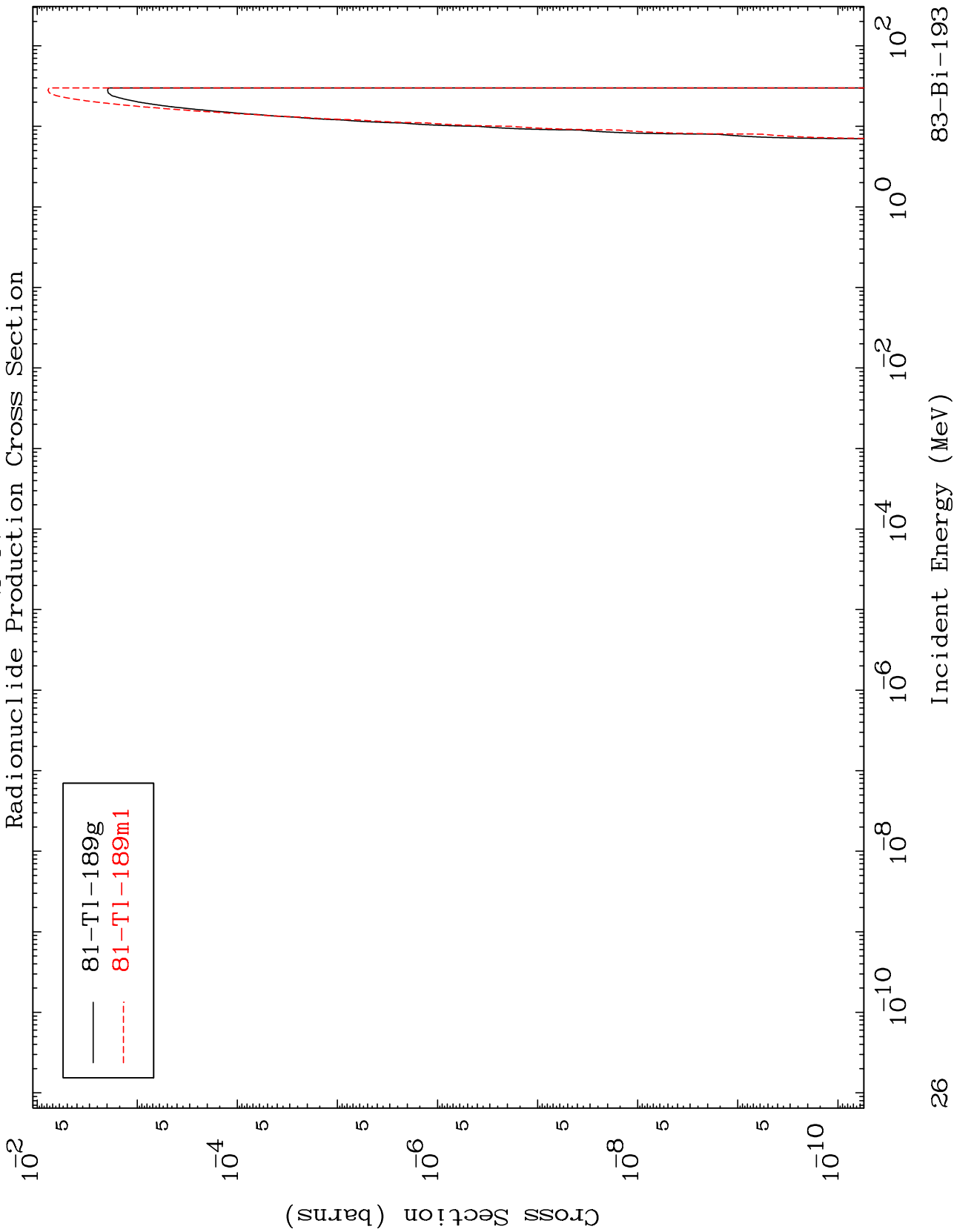
Incident Energy (MeV)

83-Bi-193

MAT 8278

(p,p) α

83-Bi-193

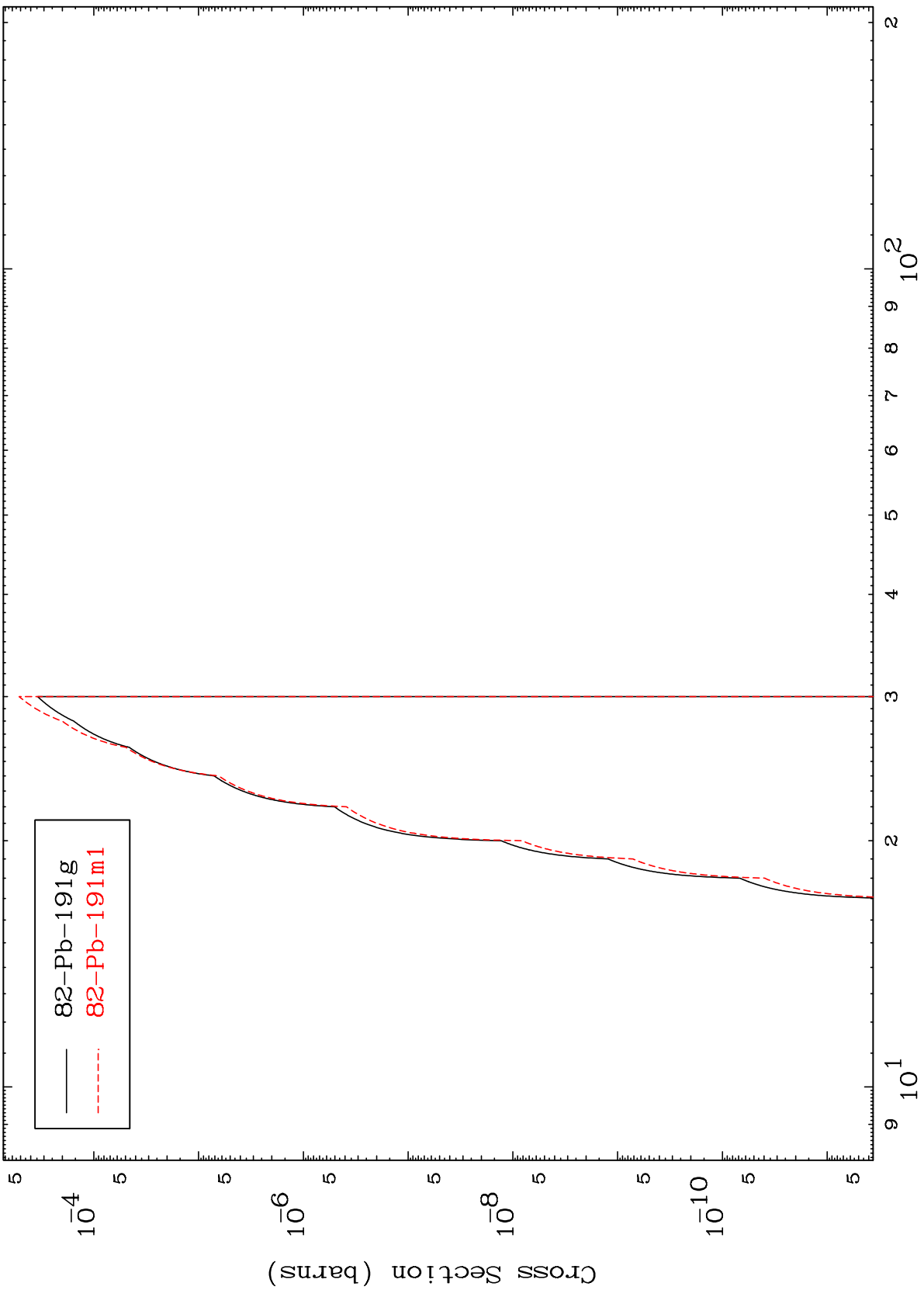


MAT 8278

(p,p) d

83-Bi-193

Radionuclide Production Cross Section



82-Pb-191g
82-Pb-191m1

27

Incident Energy (MeV)

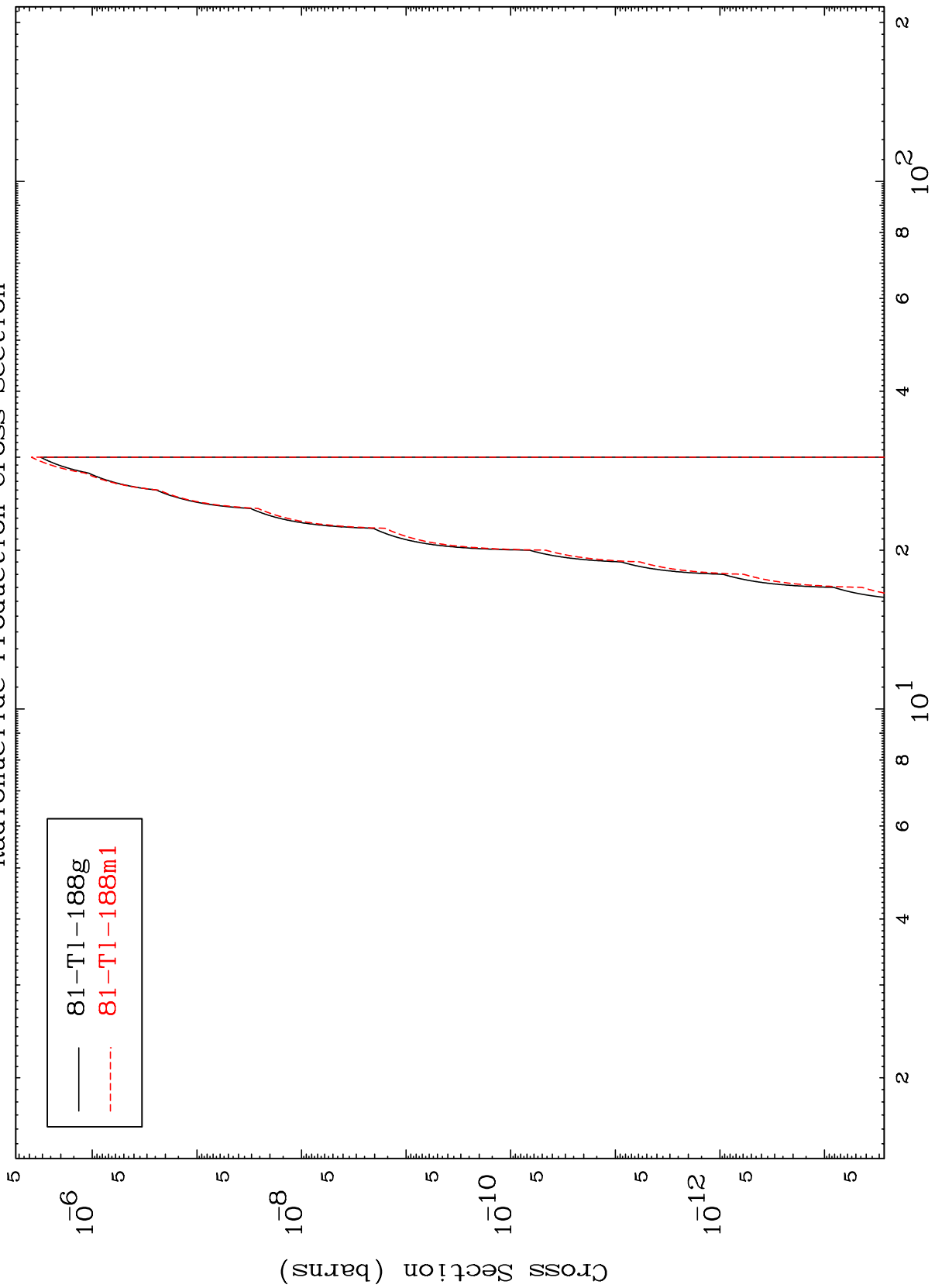
83-Bi-193

MAT 8278

(p,d) α

83-Bi-193

Radionuclide Production Cross Section



28

Incident Energy (MeV)

83-Bi-193