

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

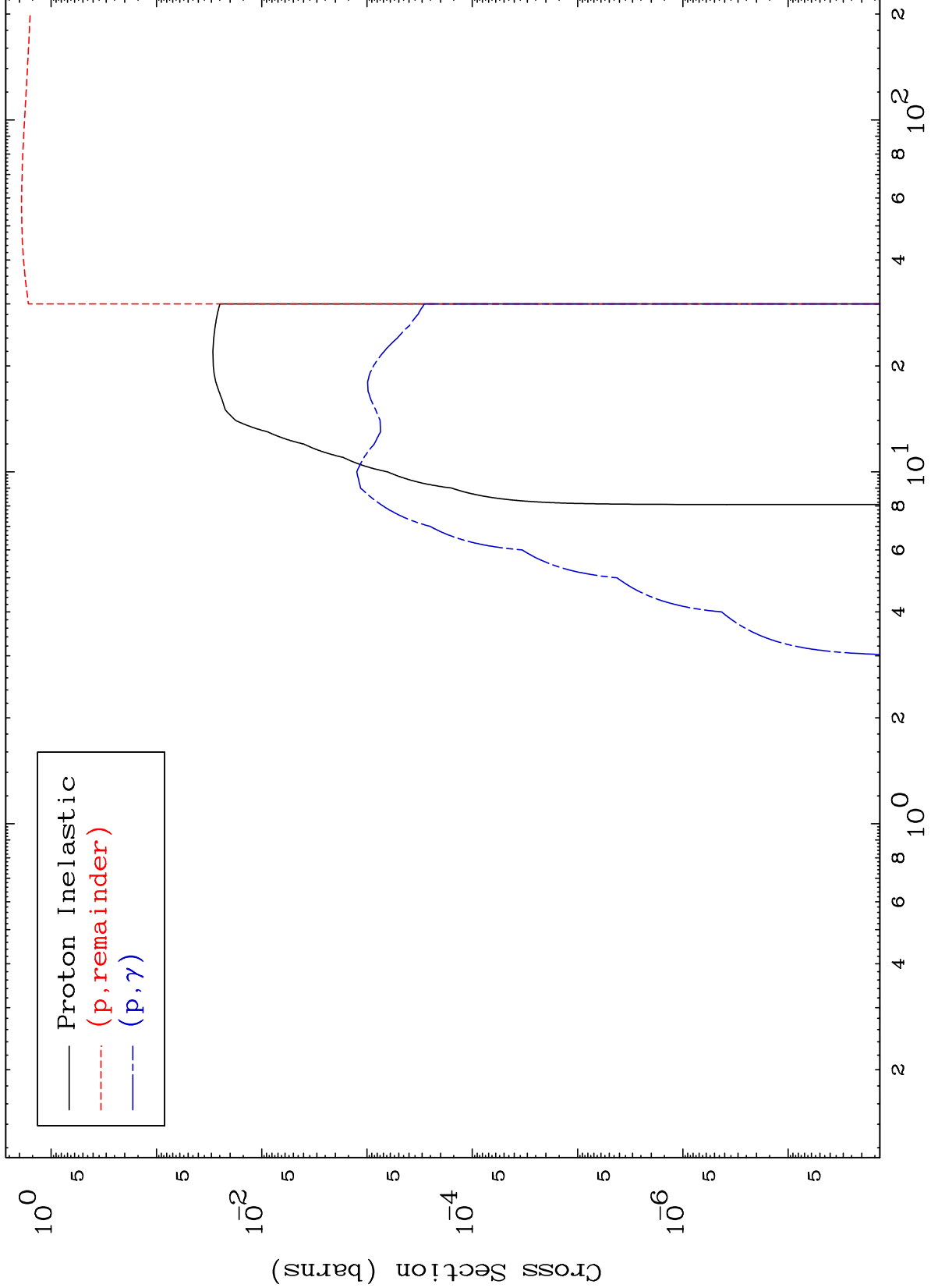
Press Mouse Button to Start

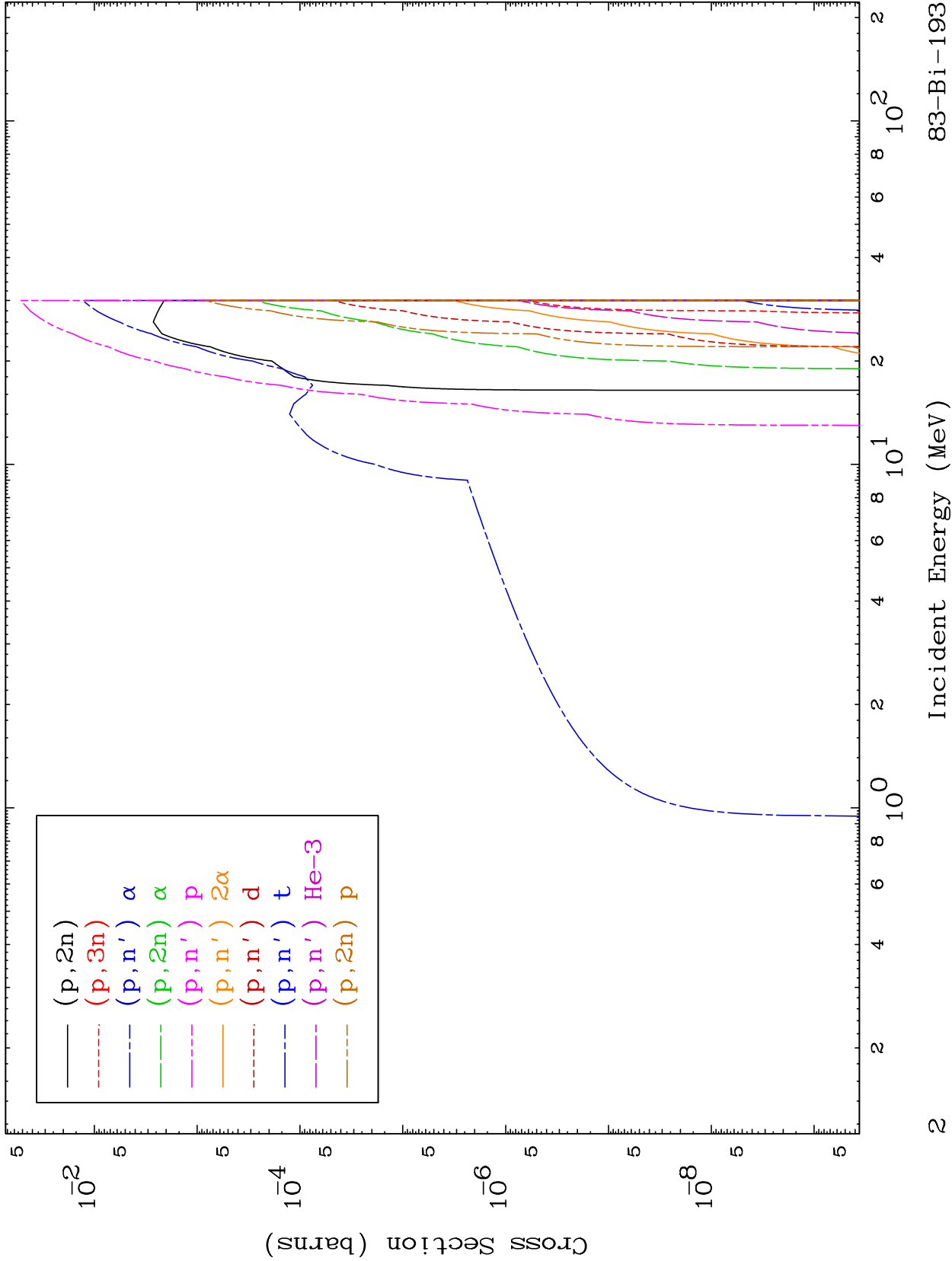
MAT 8278

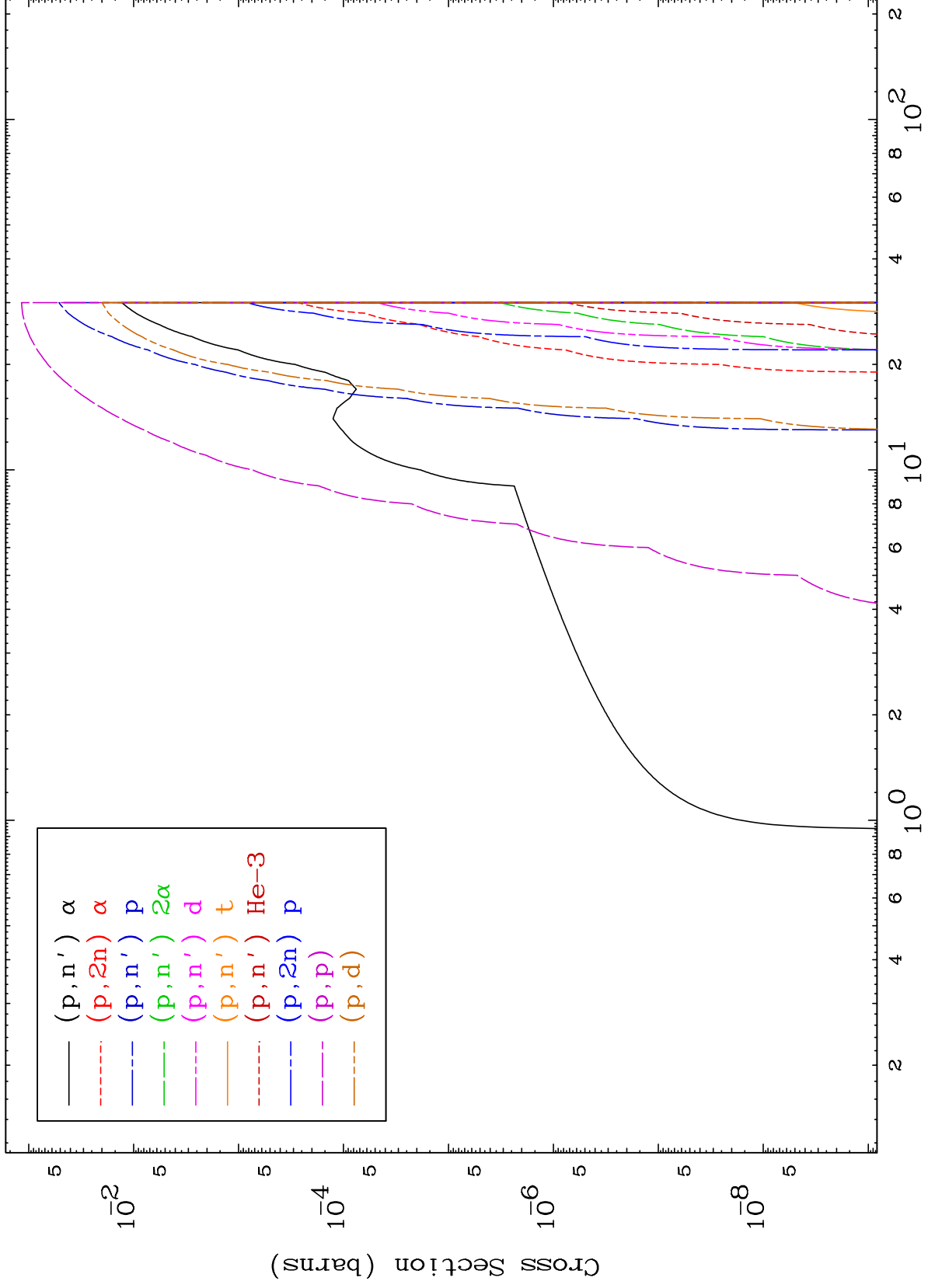
Proton Major

83-Bi-193

0 Kelvin Cross Sections



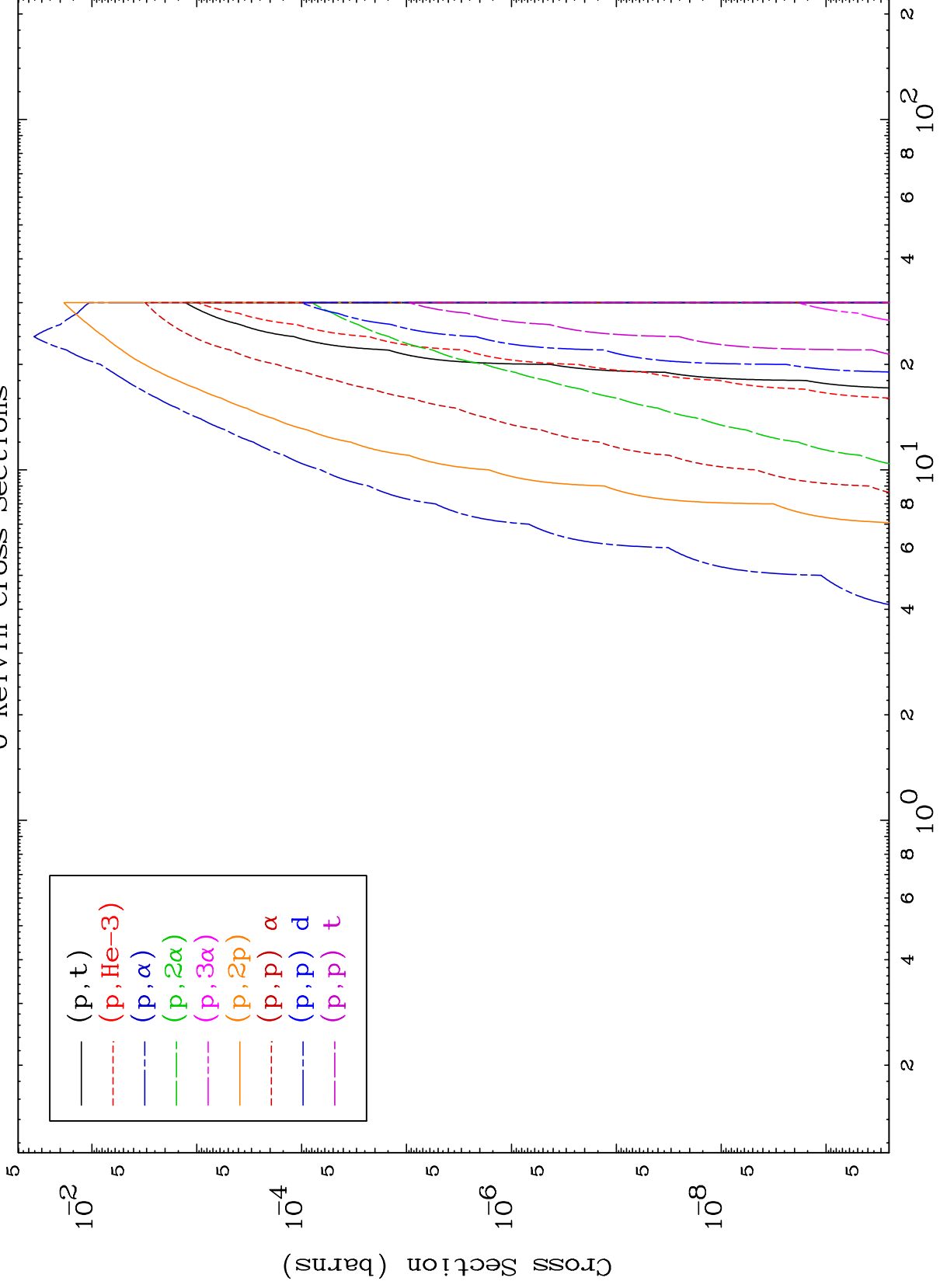




MAT 8278

Proton Charged Particle
0 Kelvin Cross Sections

83-Bi-193



Incident Energy (MeV)

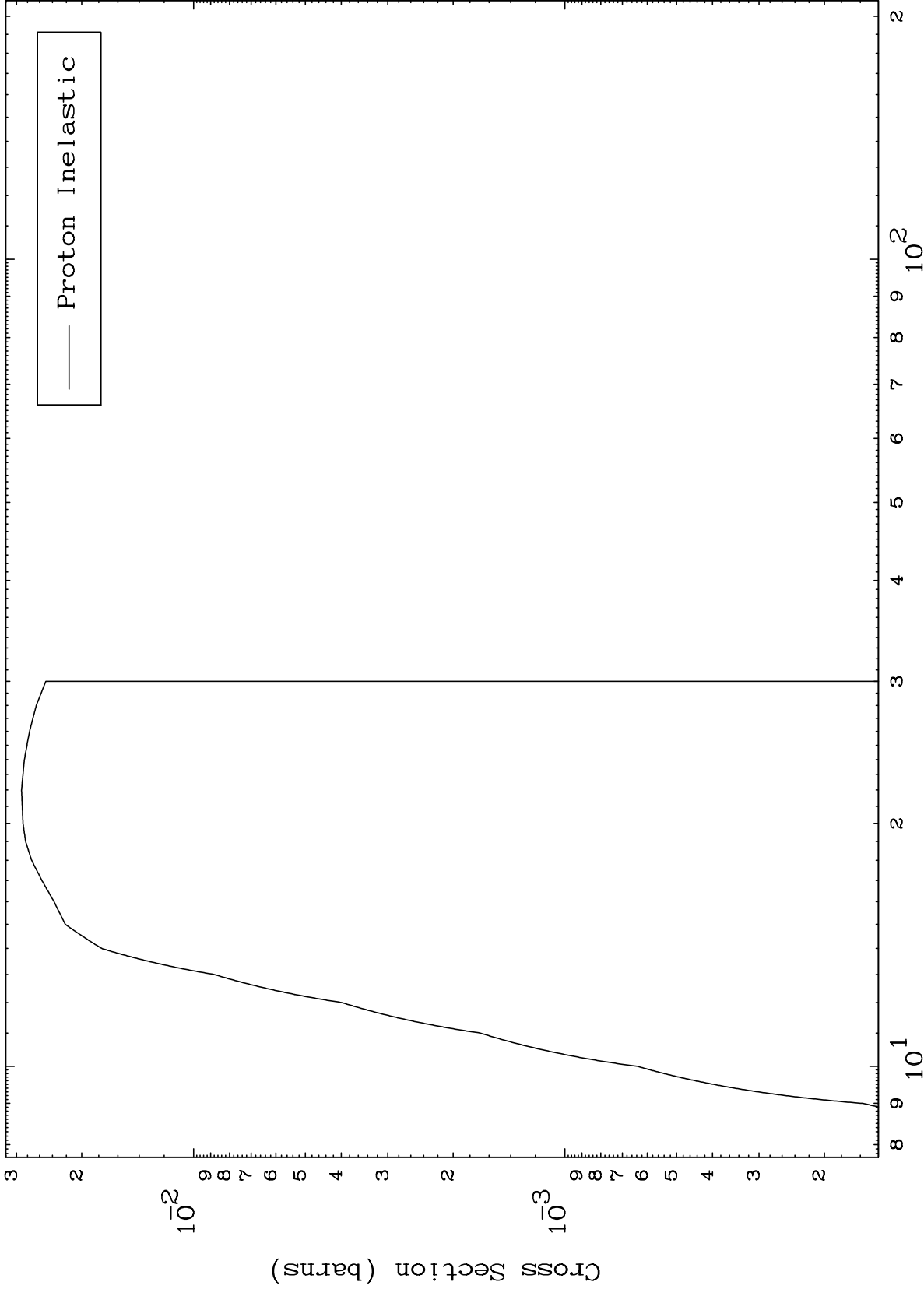
83-Bi-193

MAT 8278

(p,n') Level

83-Bi-193

0 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-193

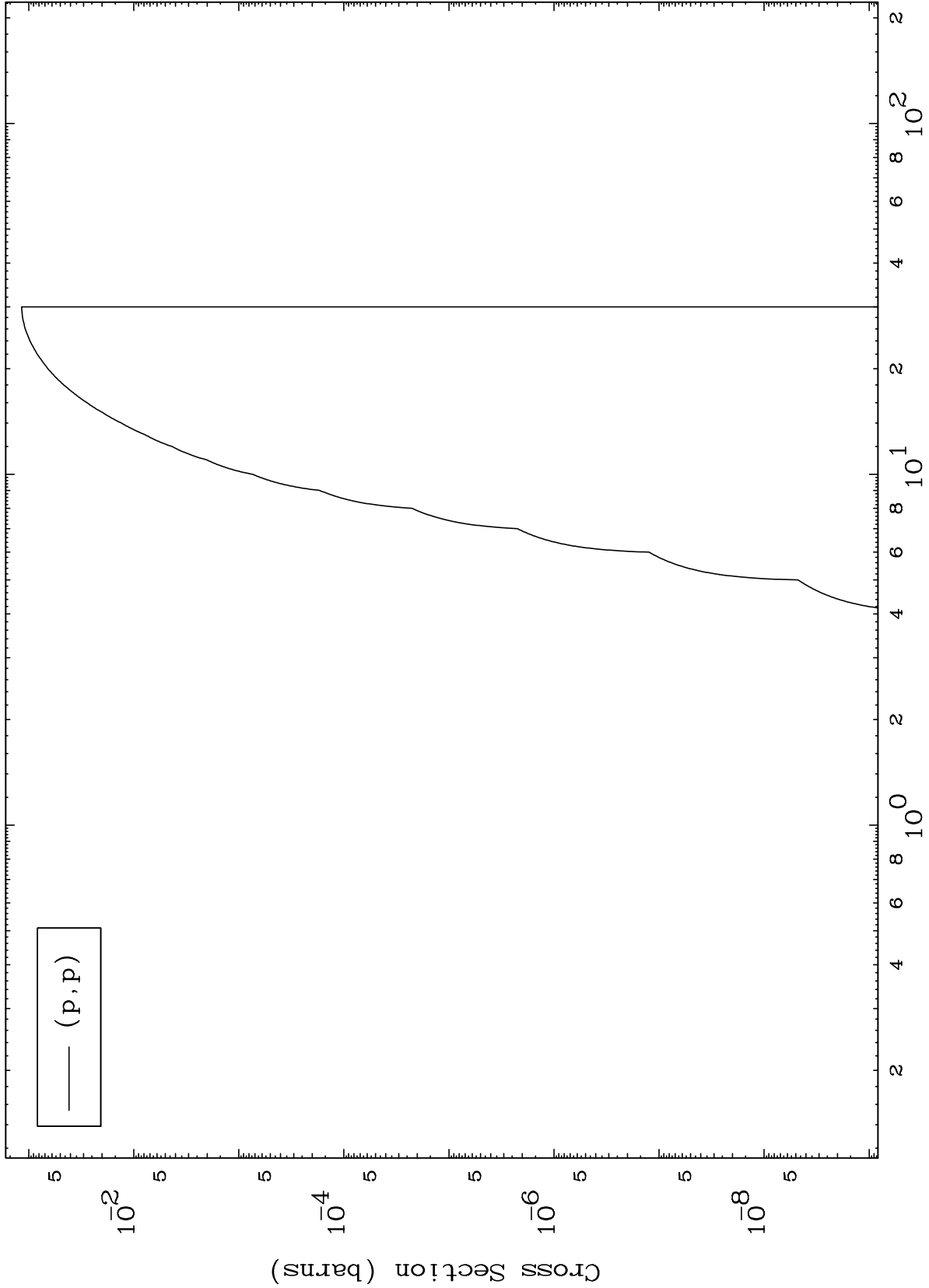
5

MAT 8278

(p,p) Levels

83-Bi-193

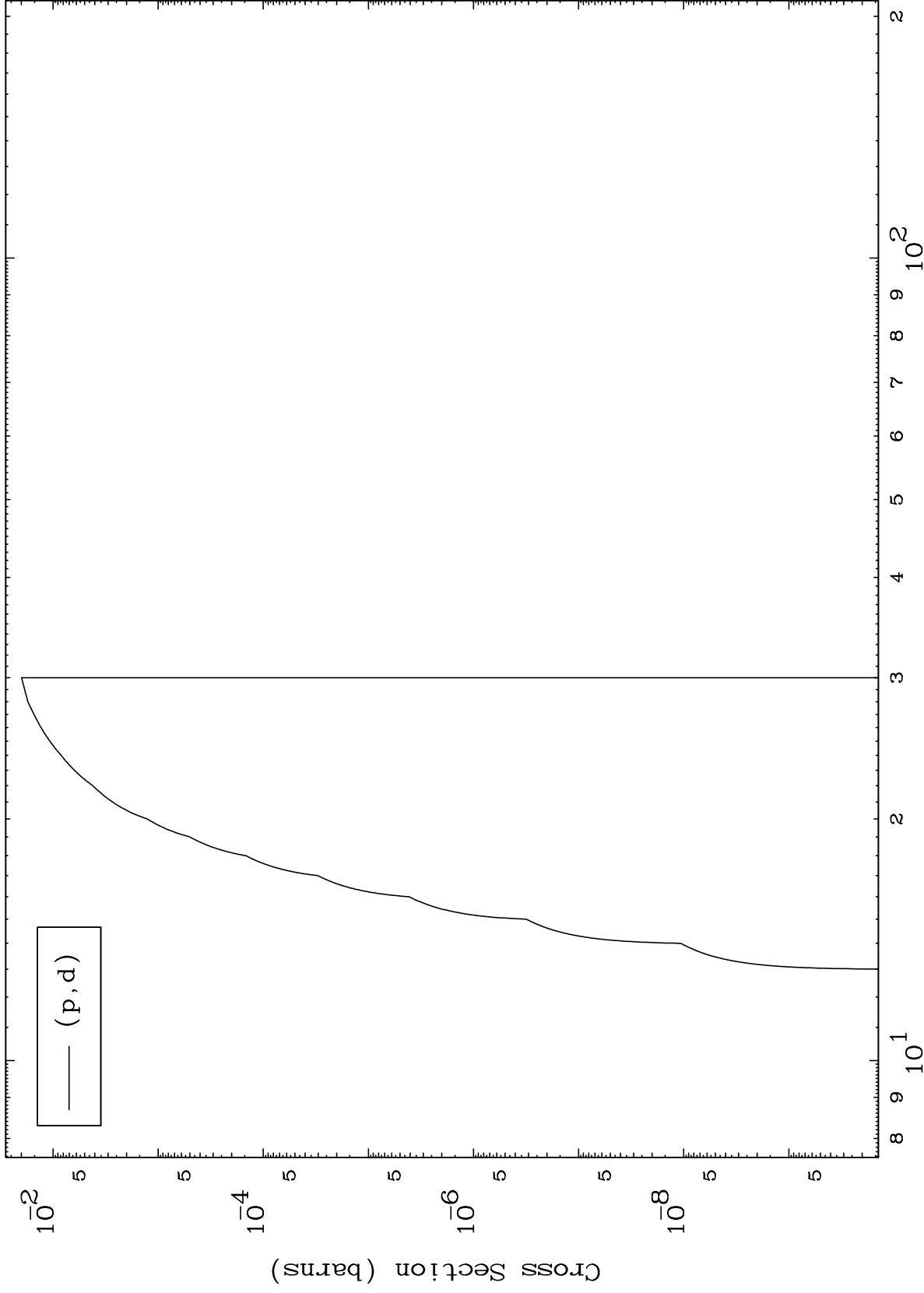
0 Kelvin Cross Sections



MAT 8278

(p,d) Levels
0 Kelvin Cross Sections

83-Bi-193



7

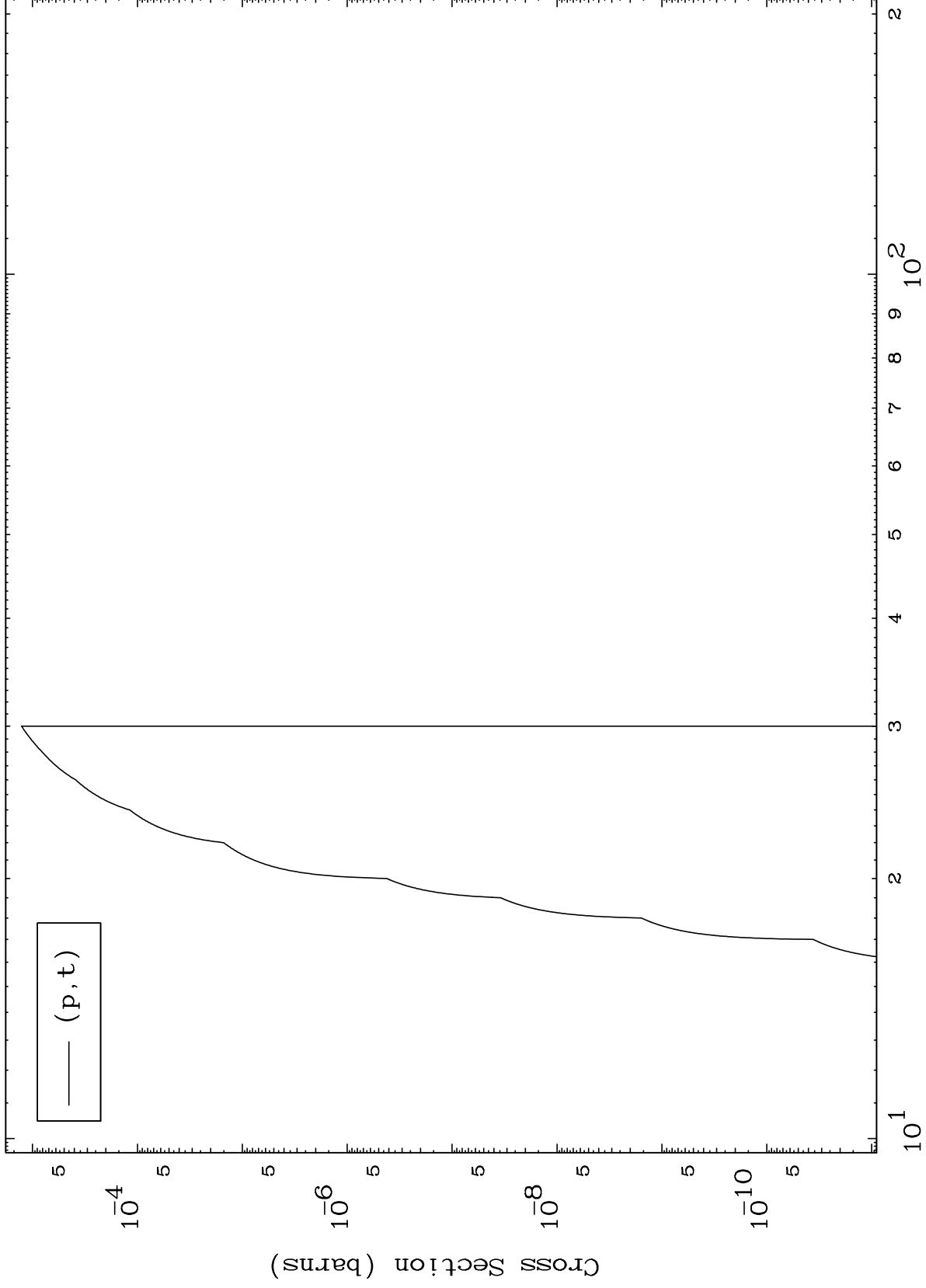
Incident Energy (MeV)

83-Bi-193

MAT 8278

(p,t) Levels
0 Kelvin Cross Sections

83-Bi-193



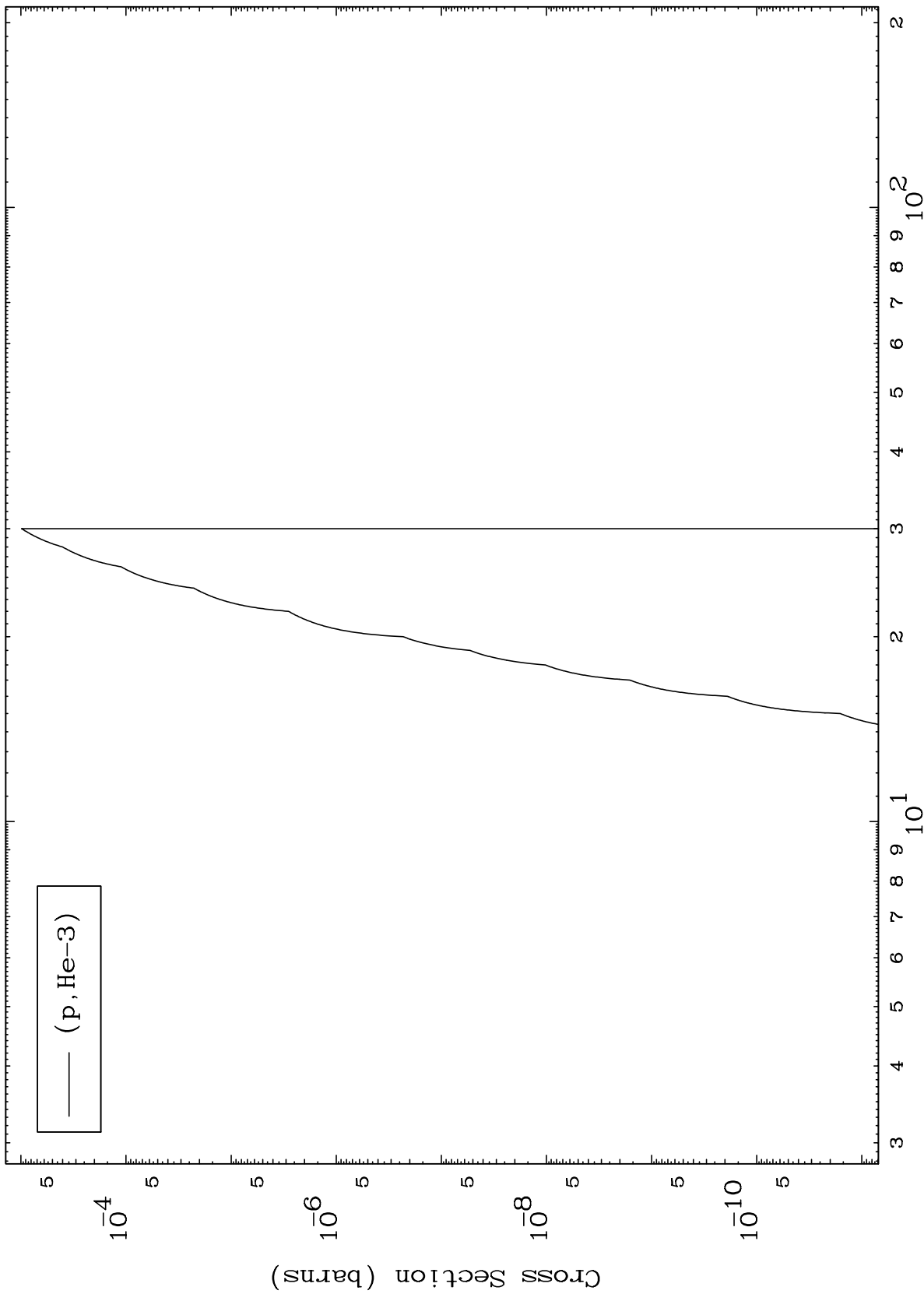
Incident Energy (MeV)

83-Bi-193

MAT 8278

83-Bi-193

(p,He3) Levels
0 Kelvin Cross Sections



83-Bi-193

Incident Energy (MeV)

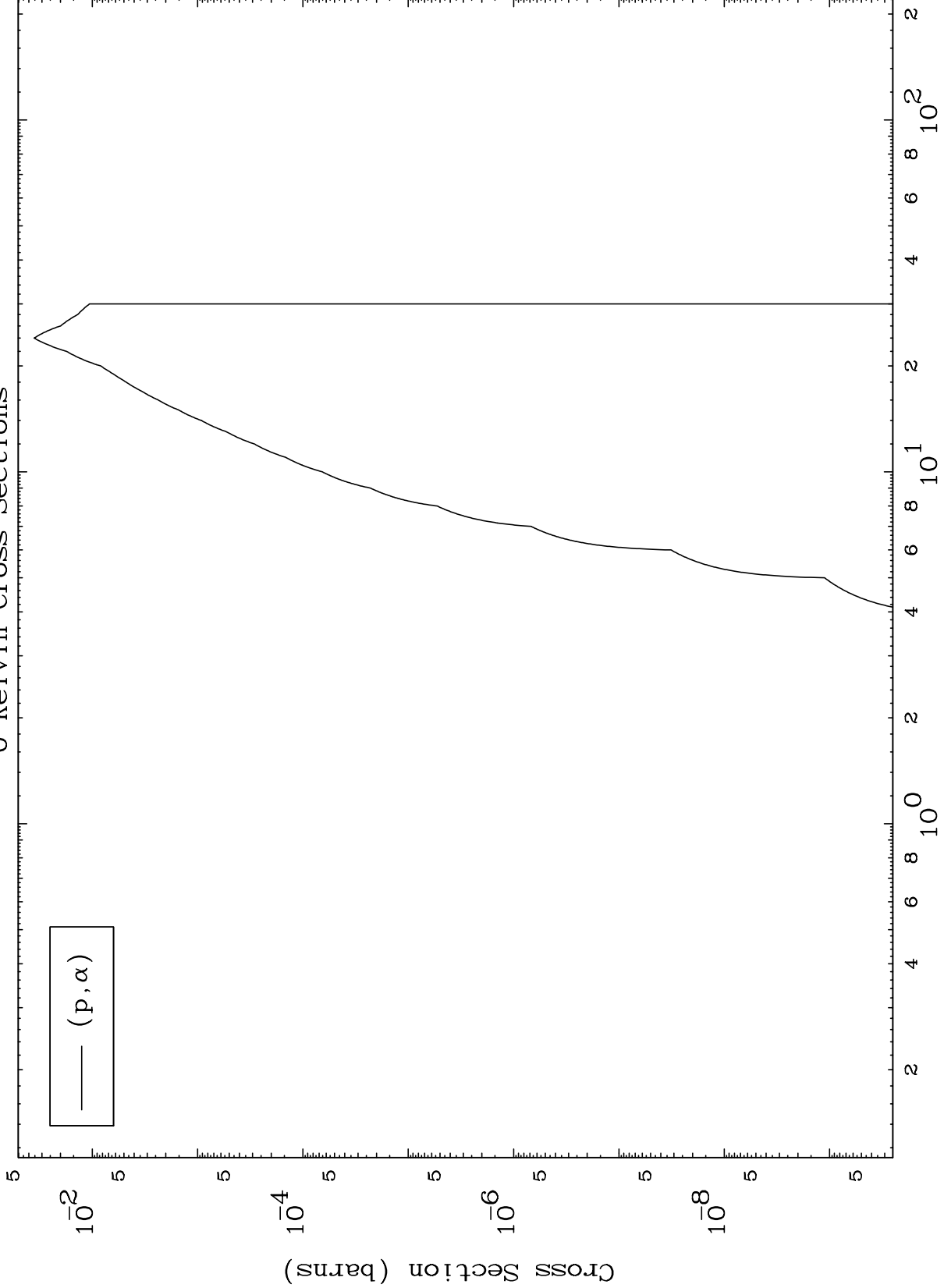
9

MAT 8278

(p, α) Levels

83-Bi-193

0 Kelvin Cross Sections



10

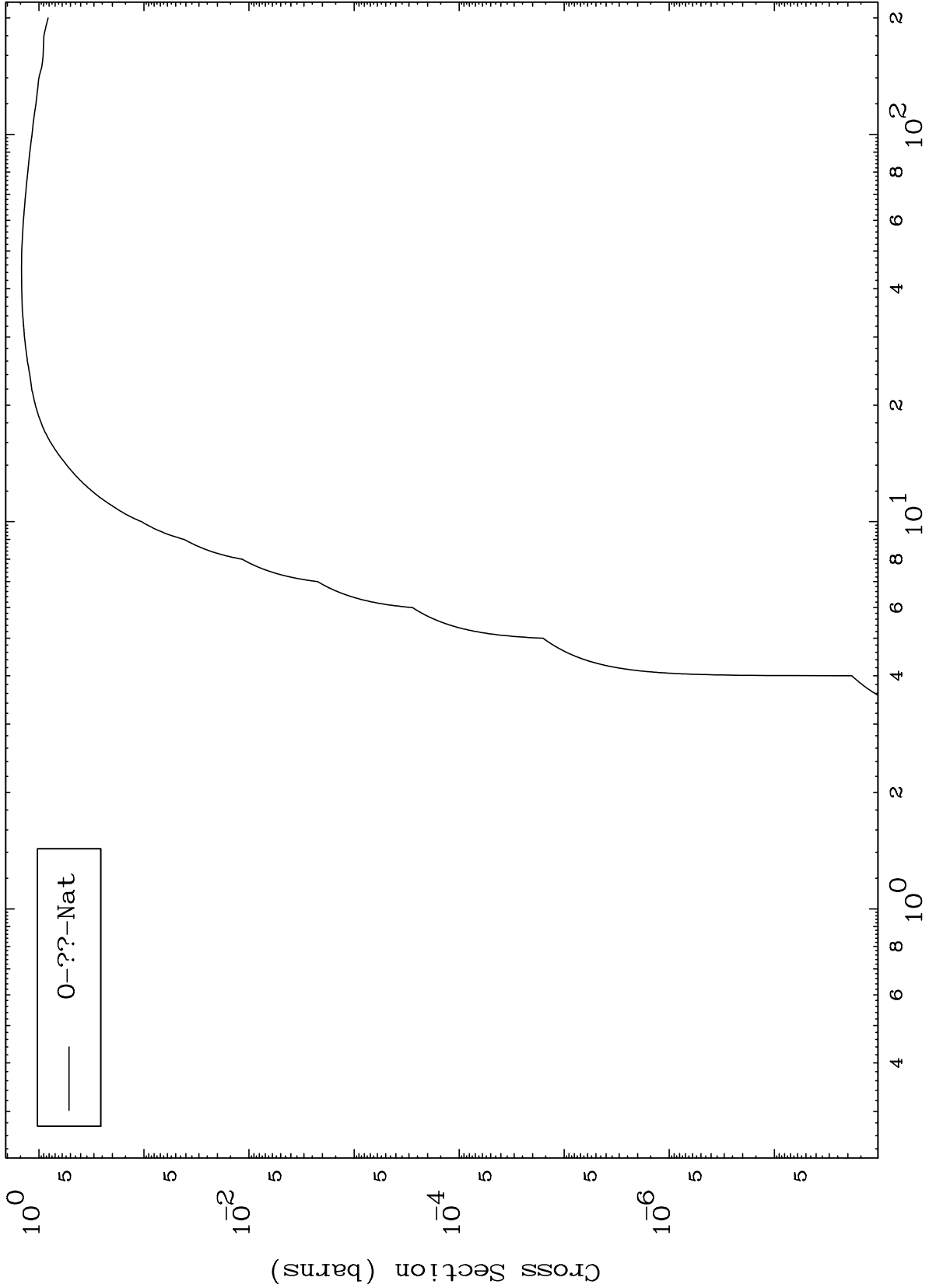
Incident Energy (MeV)

83-Bi-193

MAT 8278

83-Bi-193

Proton Fission
Radionuclide Production Cross Section

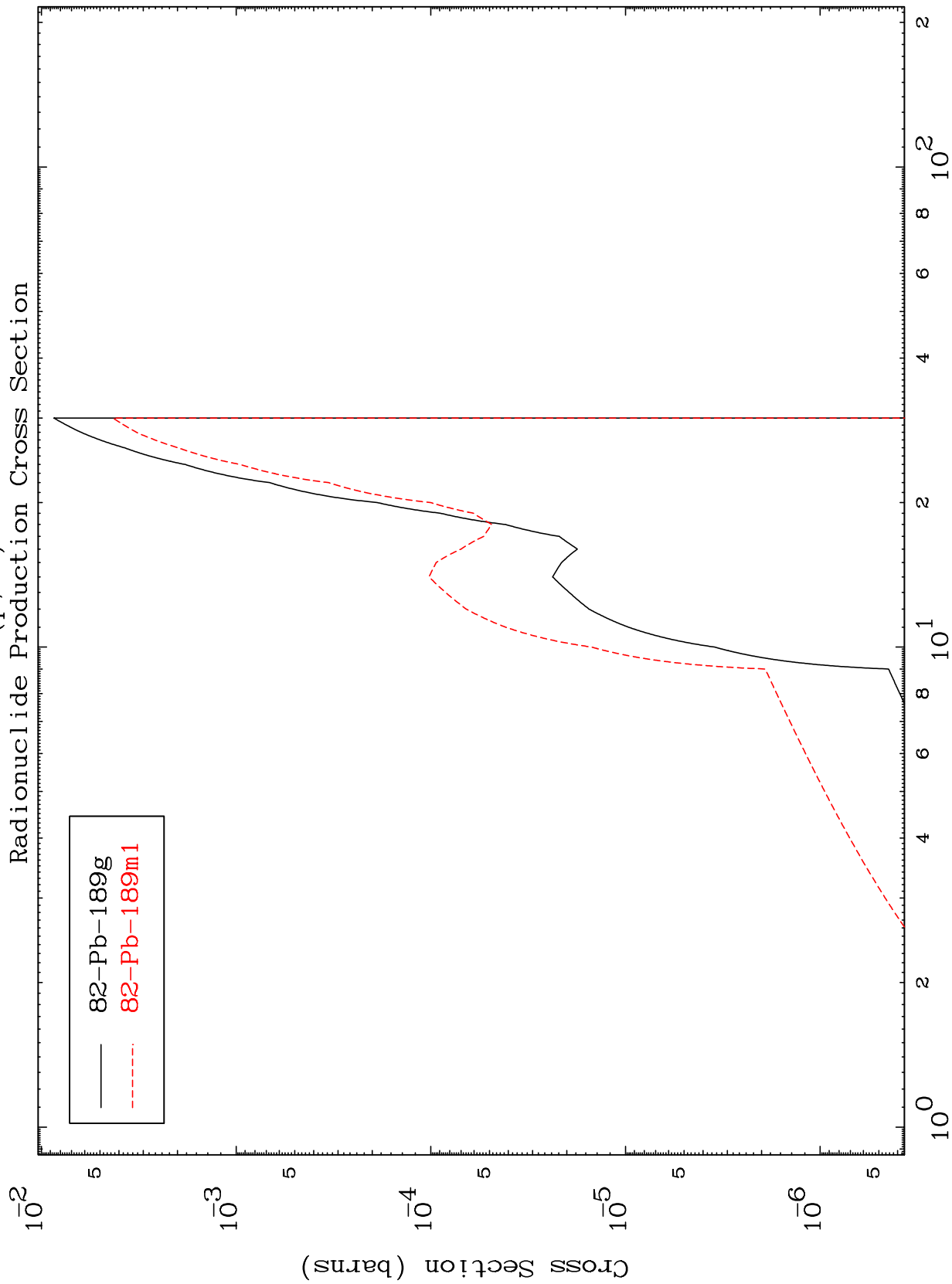


MAT 8278

(p,n') α

83-Bi-193

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-193

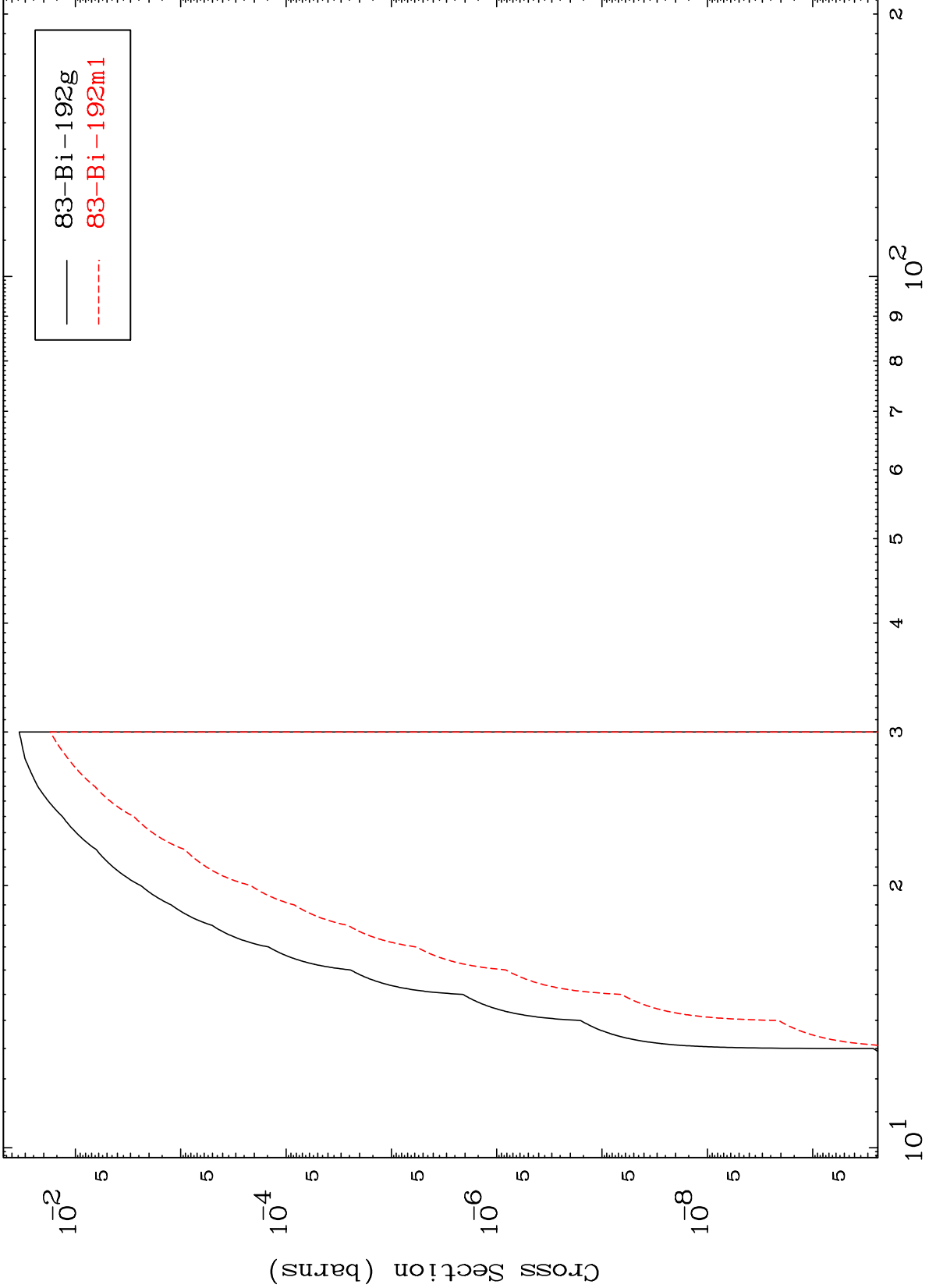
12

MAT 8278

(p,n') p

83-Bi-193

Radionuclide Production Cross Section



10¹

Incident Energy (MeV)

10²

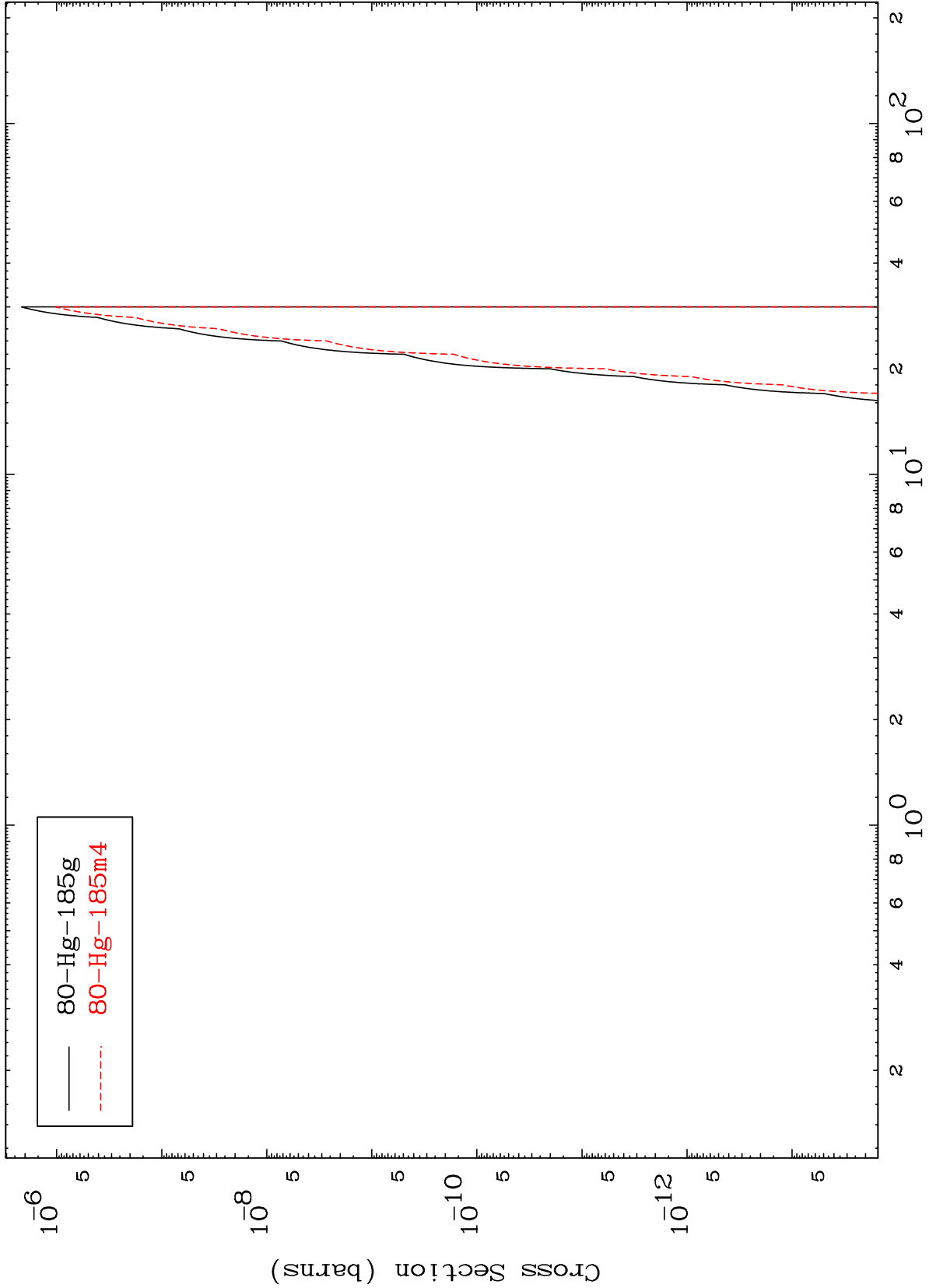
83-Bi-193

MAT 8278

(p,n') 2 α

83-Bi-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

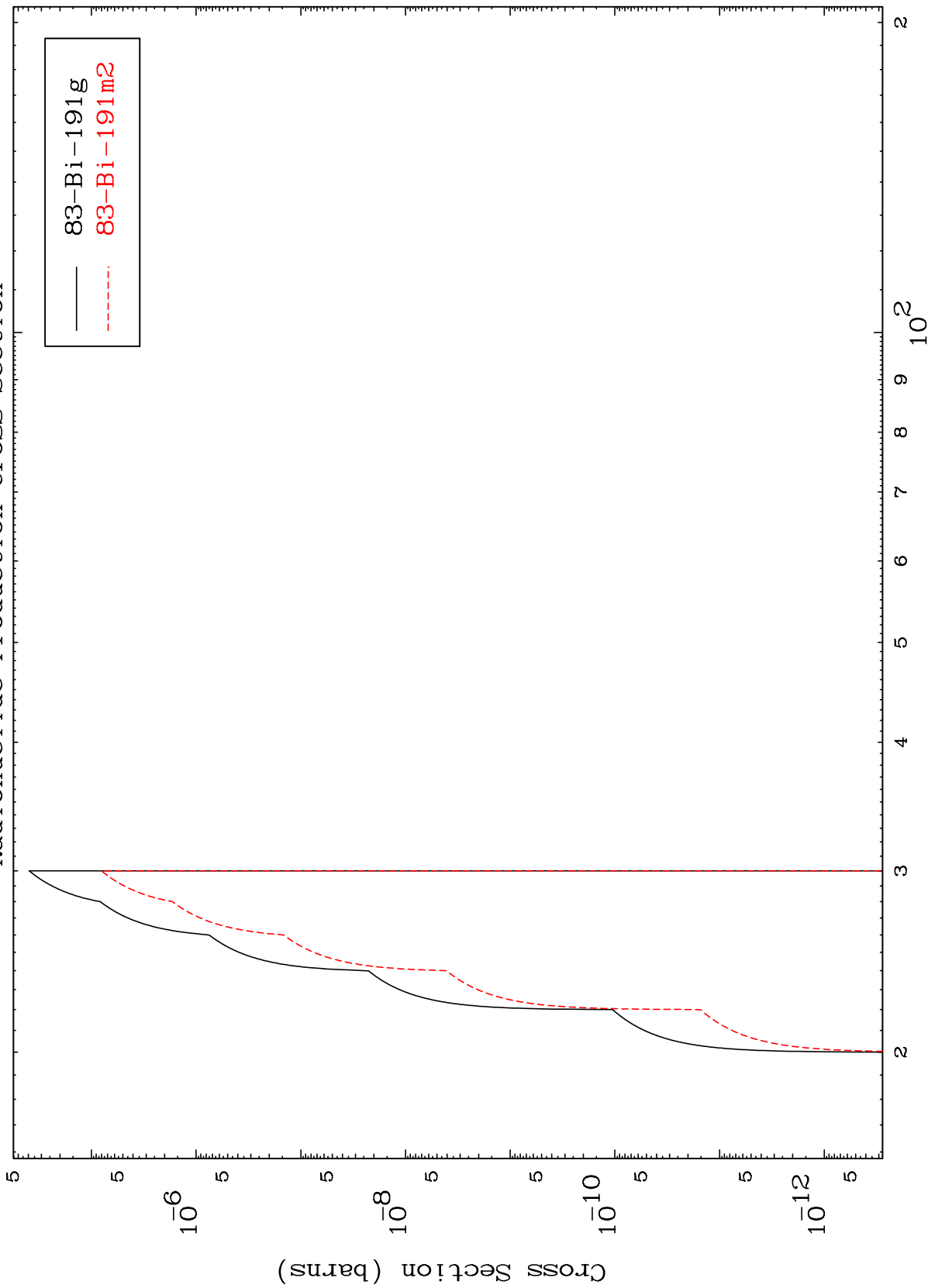
83-Bi-193

MAT 8278

(p,n') d

83-Bi-193

Radionuclide Production Cross Section

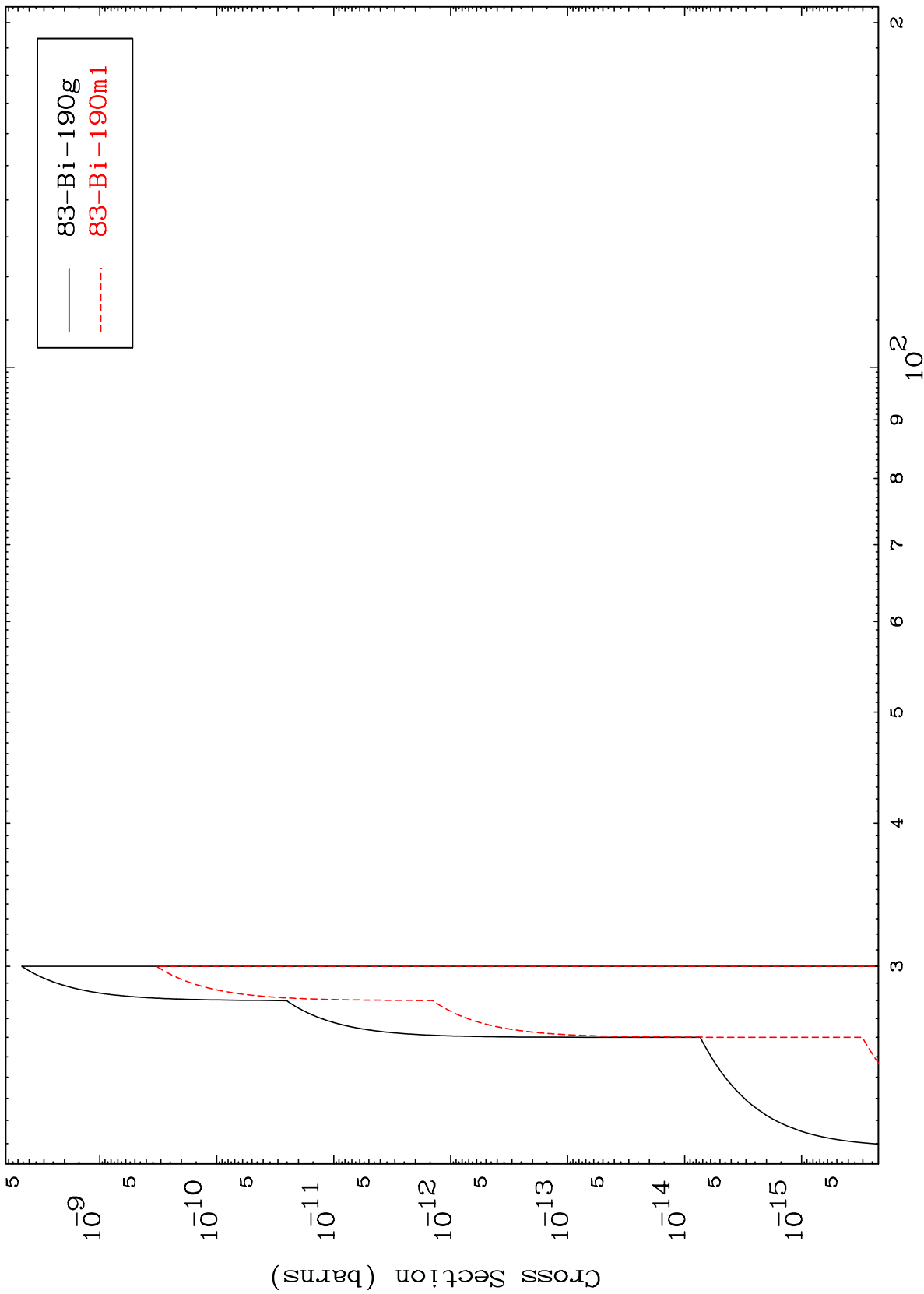


15

Incident Energy (MeV)

83-Bi-193

Radionuclide Production Cross Section

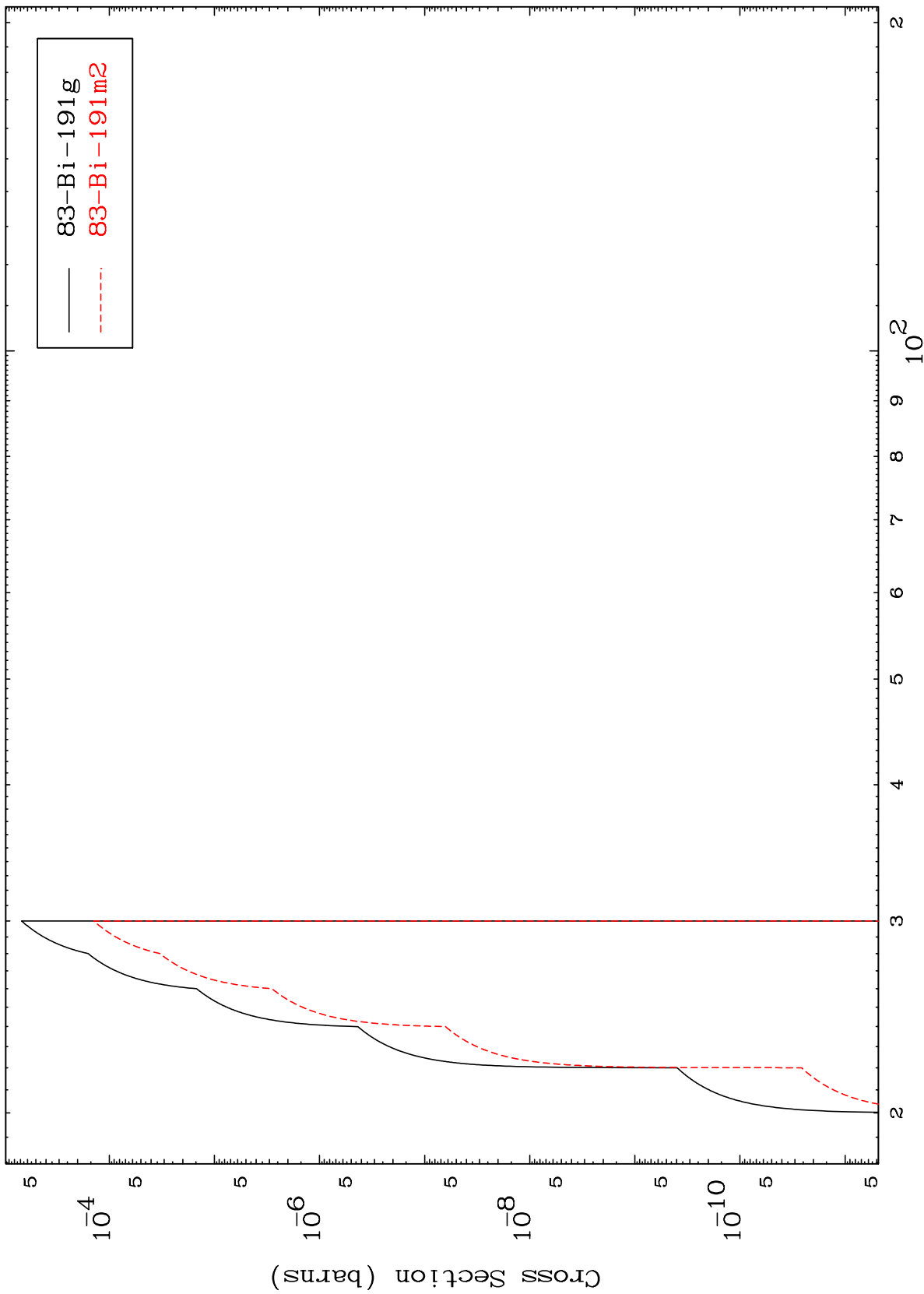


MAT 8278

(p,2n) p

83-Bi-193

Radionuclide Production Cross Section

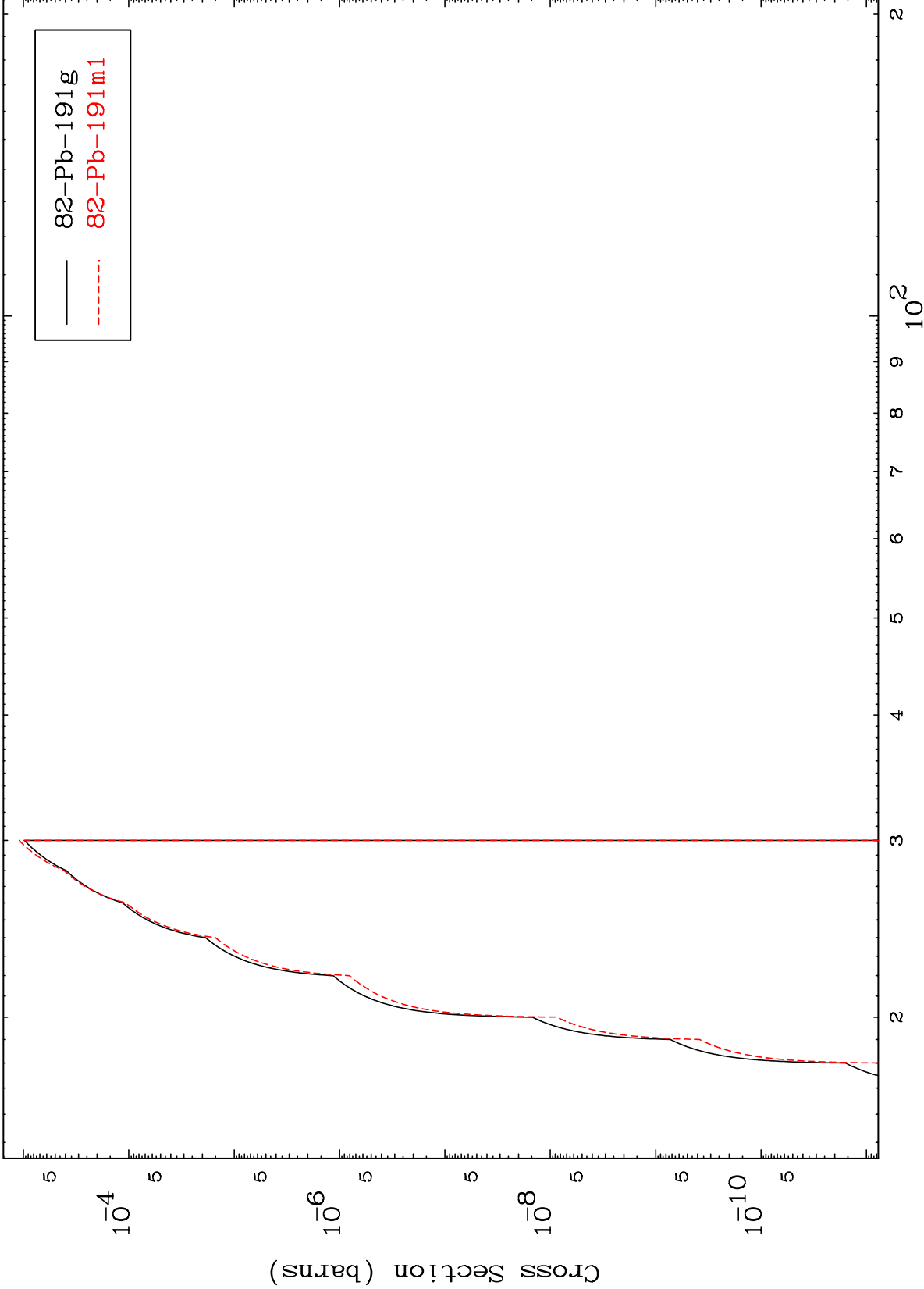


17

Incident Energy (MeV)

83-Bi-193

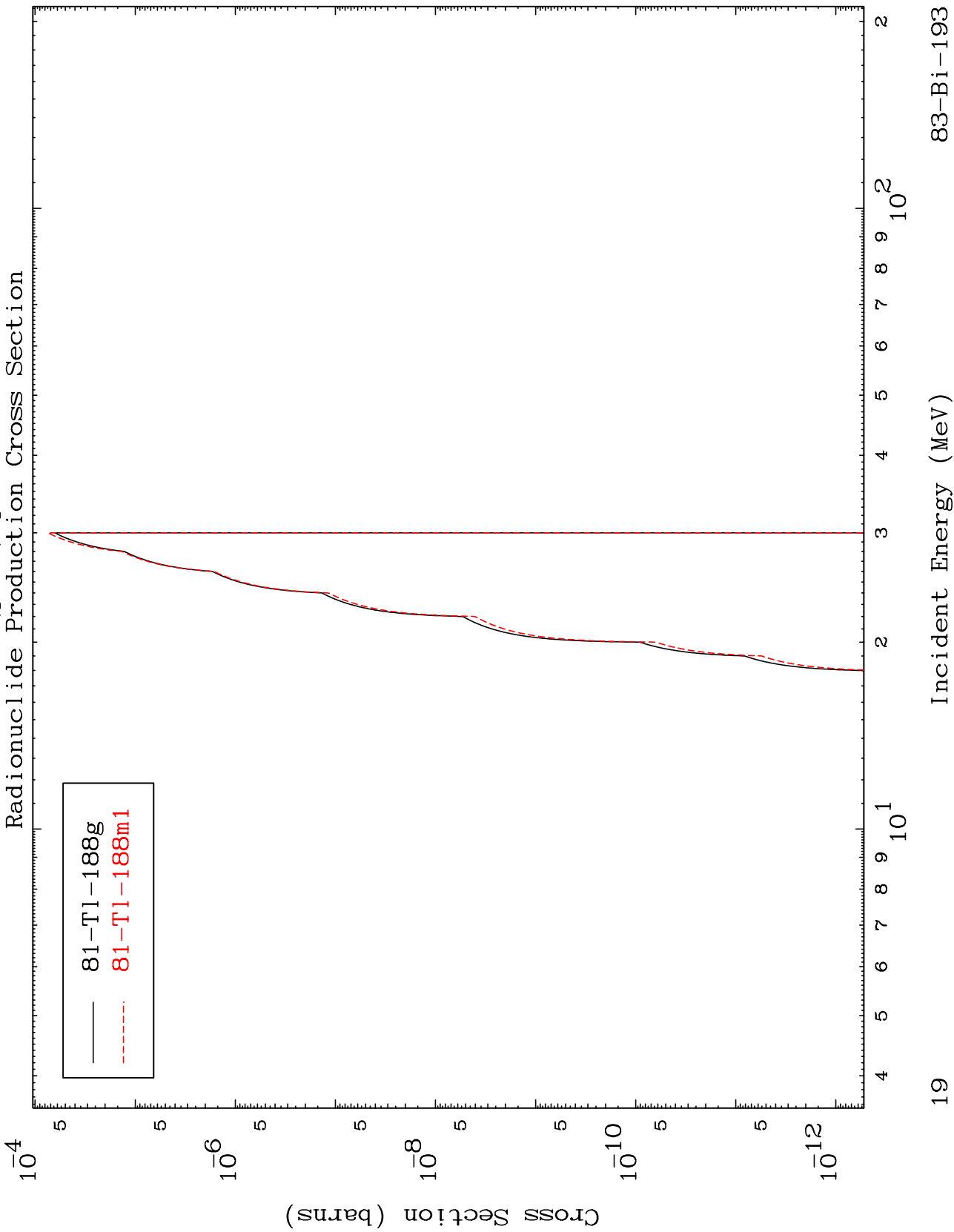
Radionuclide Production Cross Section



MAT 8278

(p,n') p α

83-Bi-193



19

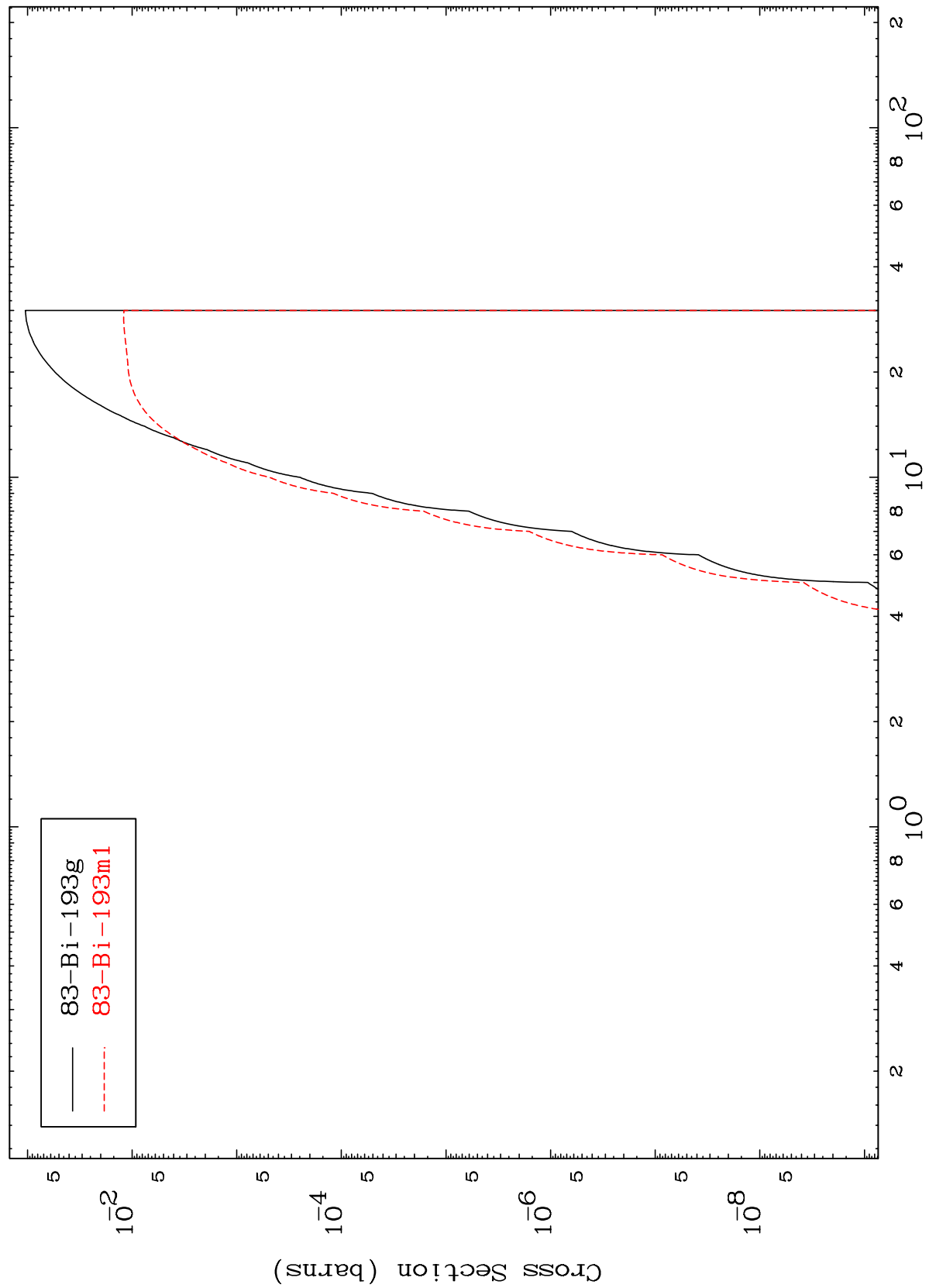
Incident Energy (MeV)

83-Bi-193

MAT 8278

83-Bi-193

Radionuclide Production Cross Section (p,p)



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

83-Bi-193

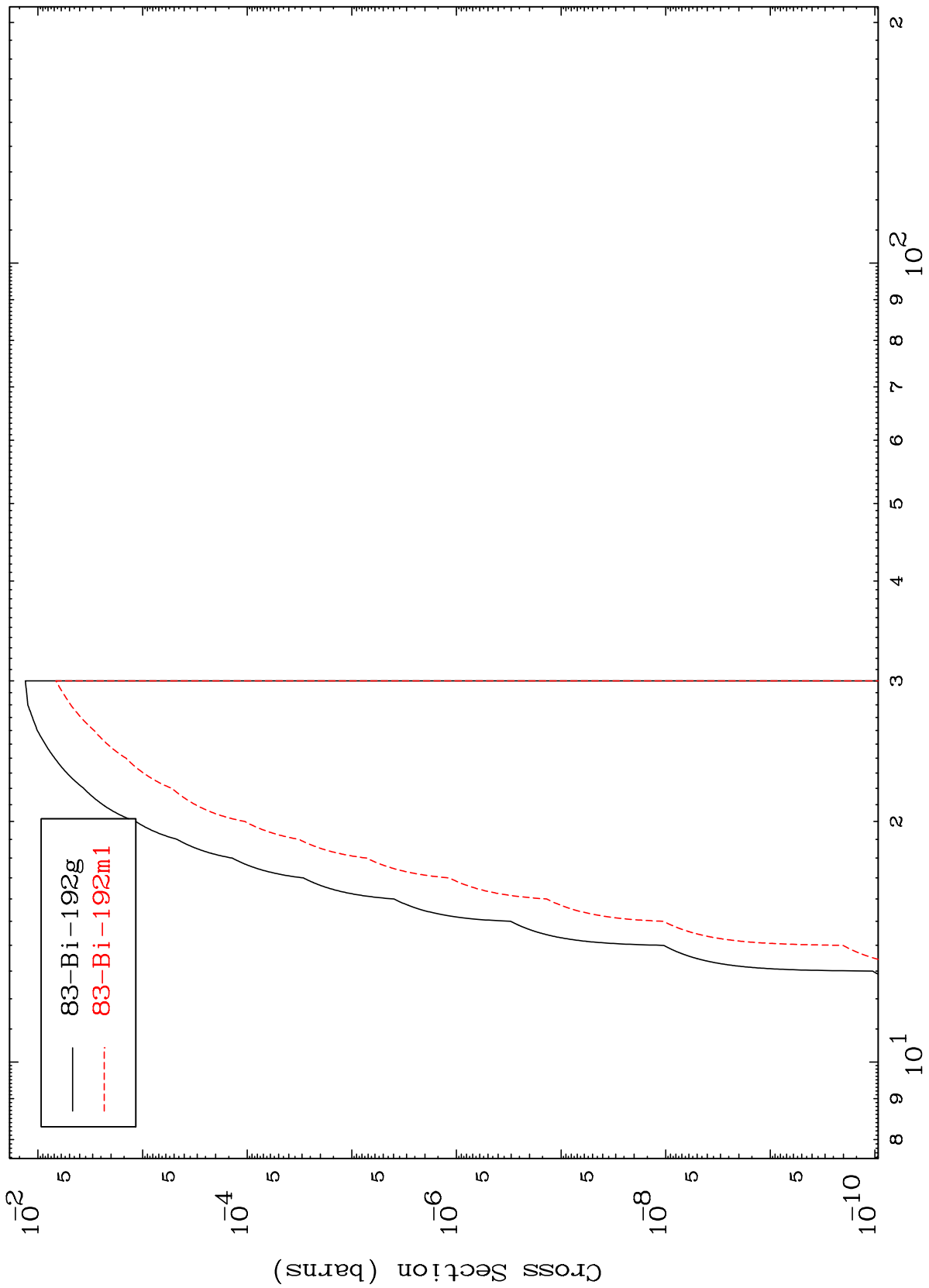
Incident Energy (MeV)

20

MAT 8278

83-Bi-193

(p,d)
Radionuclide Production Cross Section



21

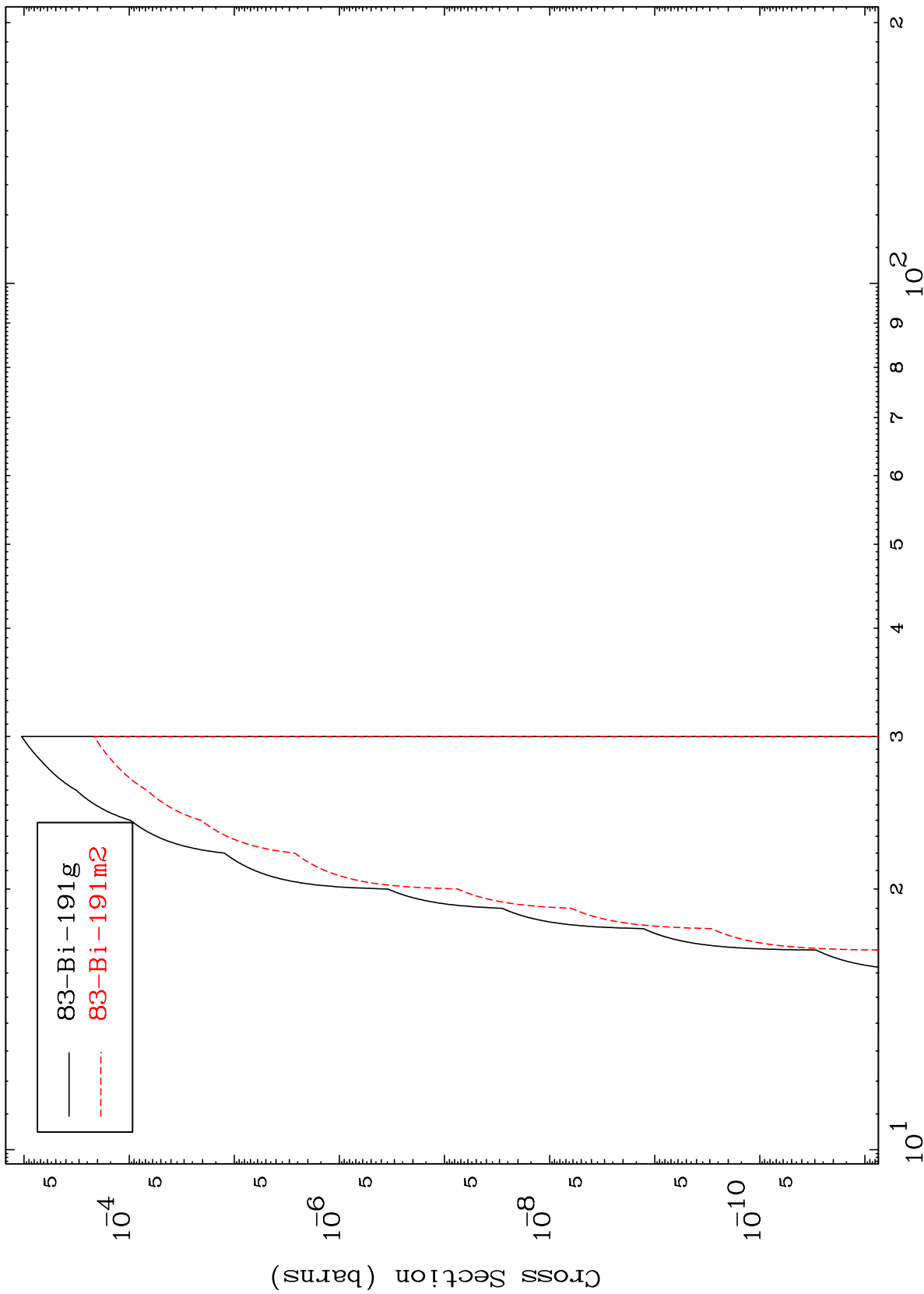
Incident Energy (MeV)

83-Bi-193

MAT 8278

83-Bi-193

(p, t)
Radionuclide Production Cross Section



83-Bi-193

Incident Energy (MeV)

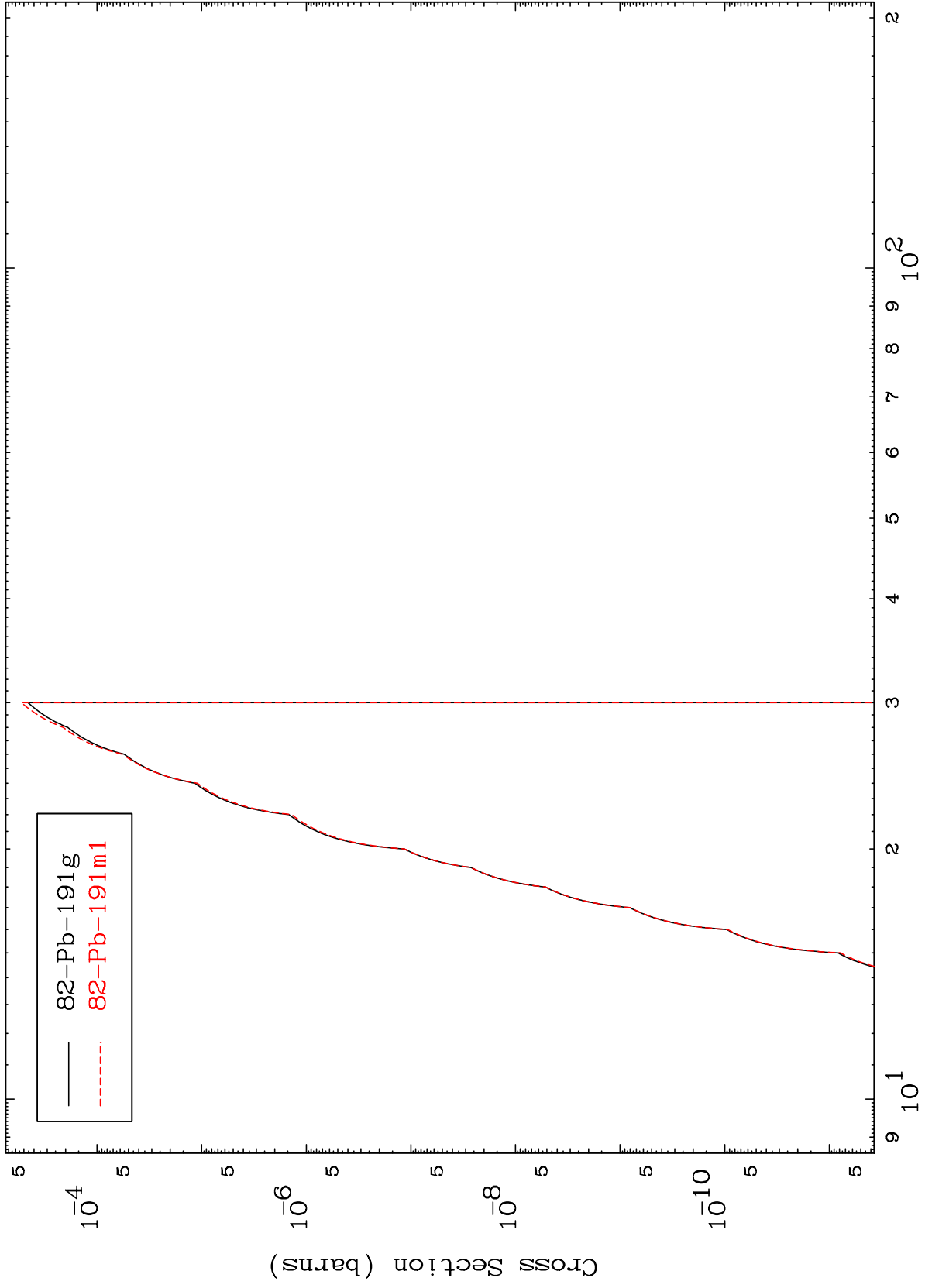
22

MAT 8278

(p,He-3)

83-Bi-193

Radionuclide Production Cross Section



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

23

Incident Energy (MeV)

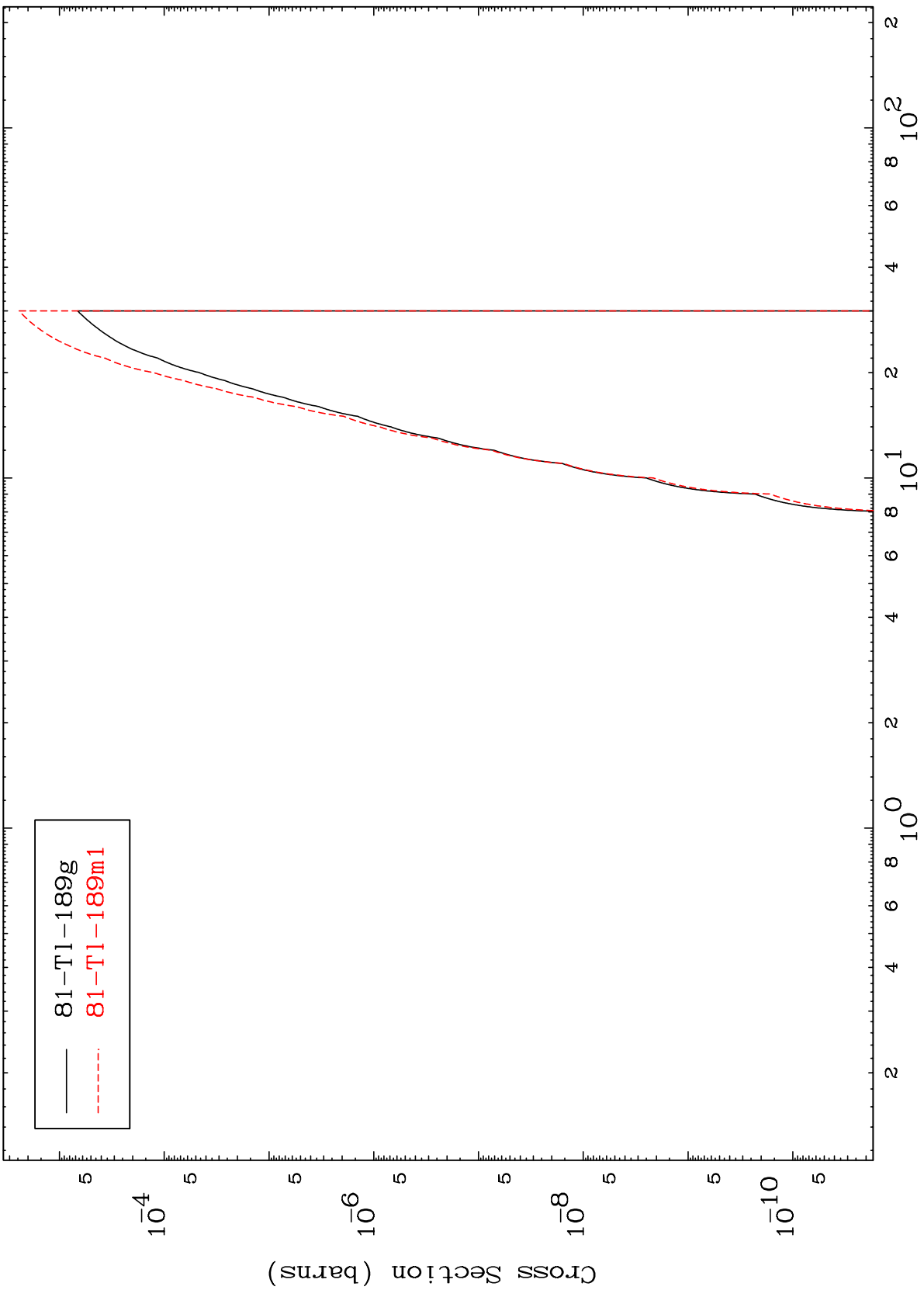
83-Bi-193

MAT 8278

(p,p) α

83-Bi-193

Radionuclide Production Cross Section



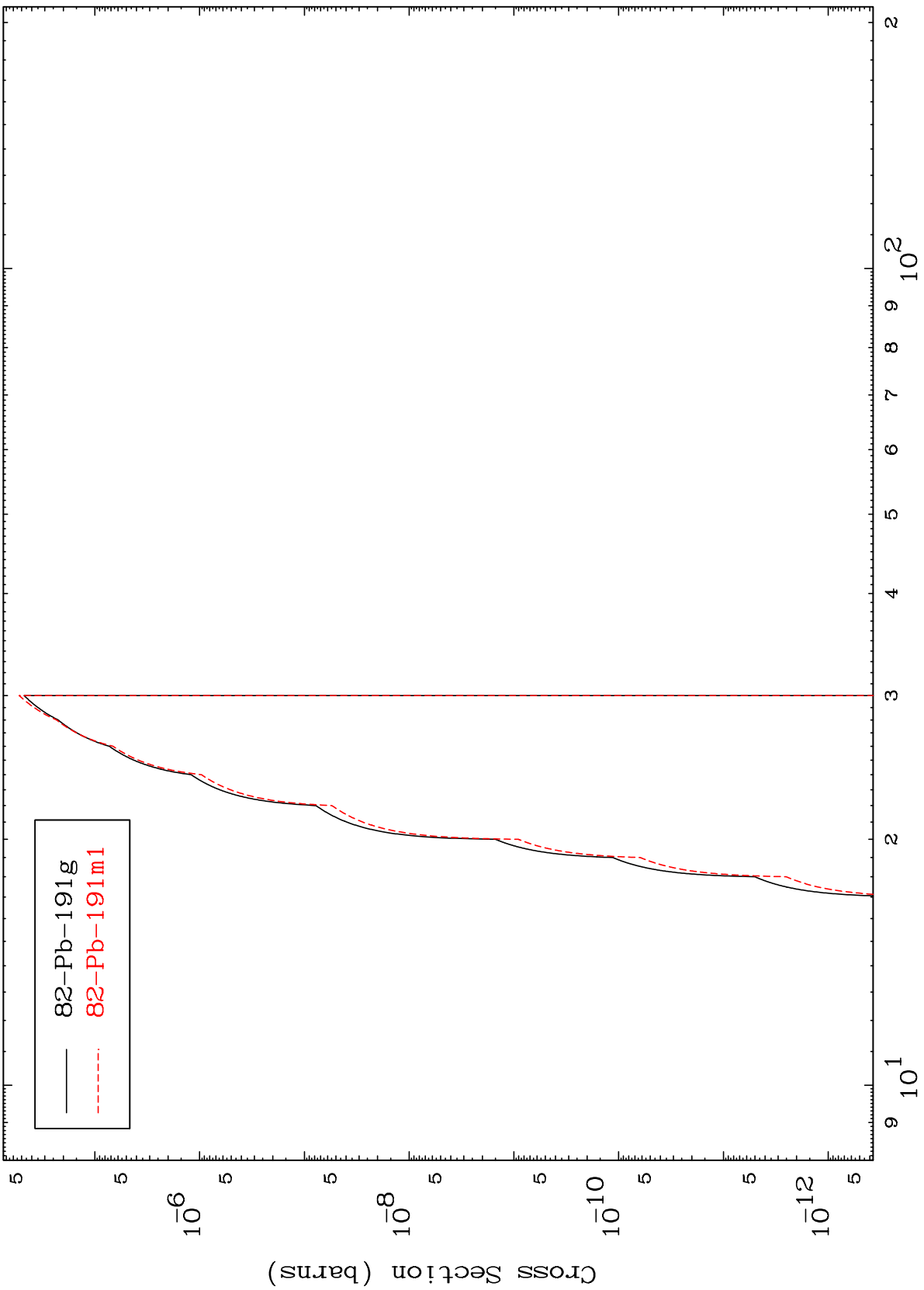
81-Tl-189g
81-Tl-189m1

MAT 8278

(p,p) d

83-Bi-193

Radionuclide Production Cross Section



25

Incident Energy (MeV)

83-Bi-193

MAT 8278

(p,d) α

83-Bi-193

