

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

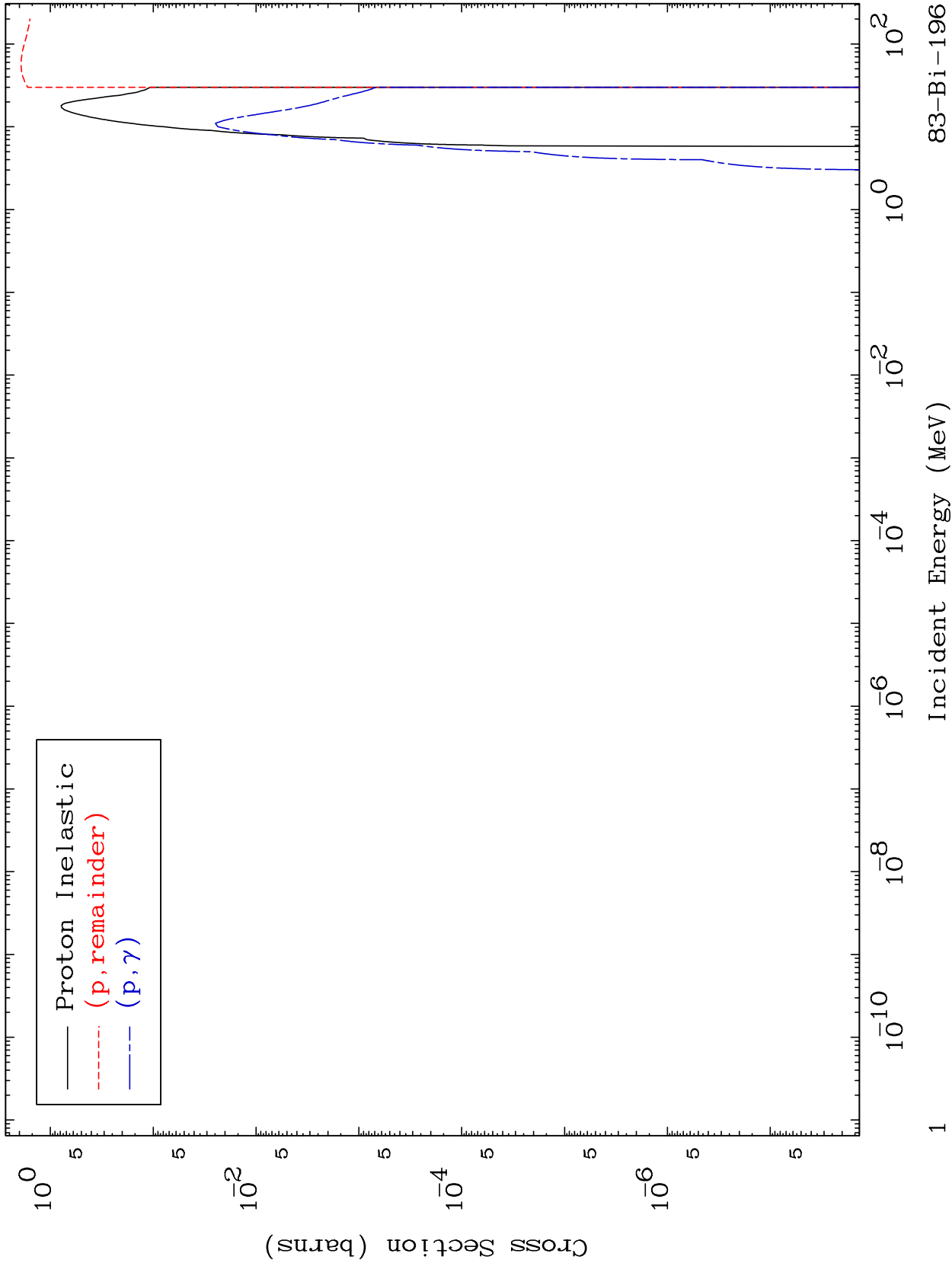
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8286

Proton Major  
0 Kelvin Cross Sections

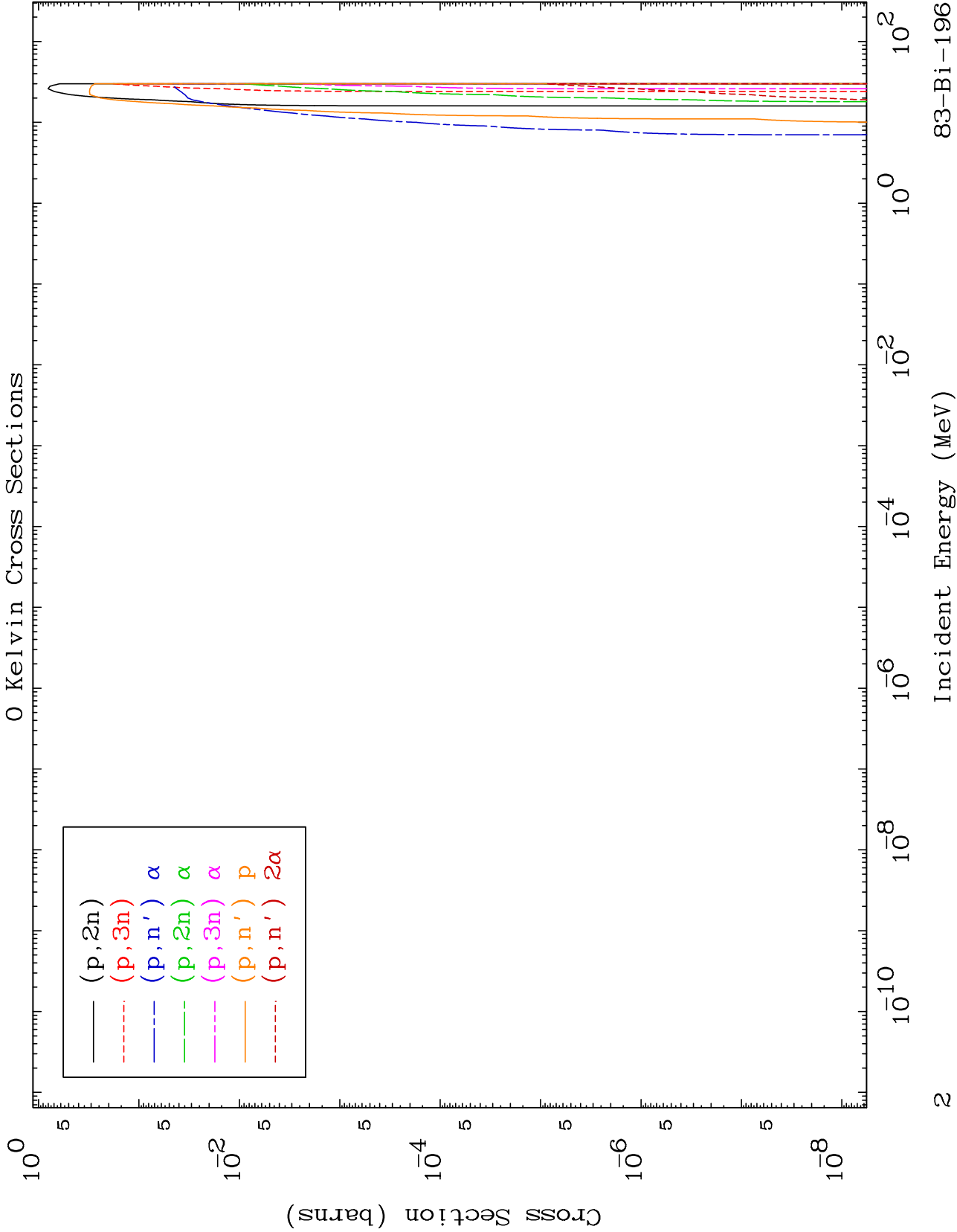
83-Bi-196

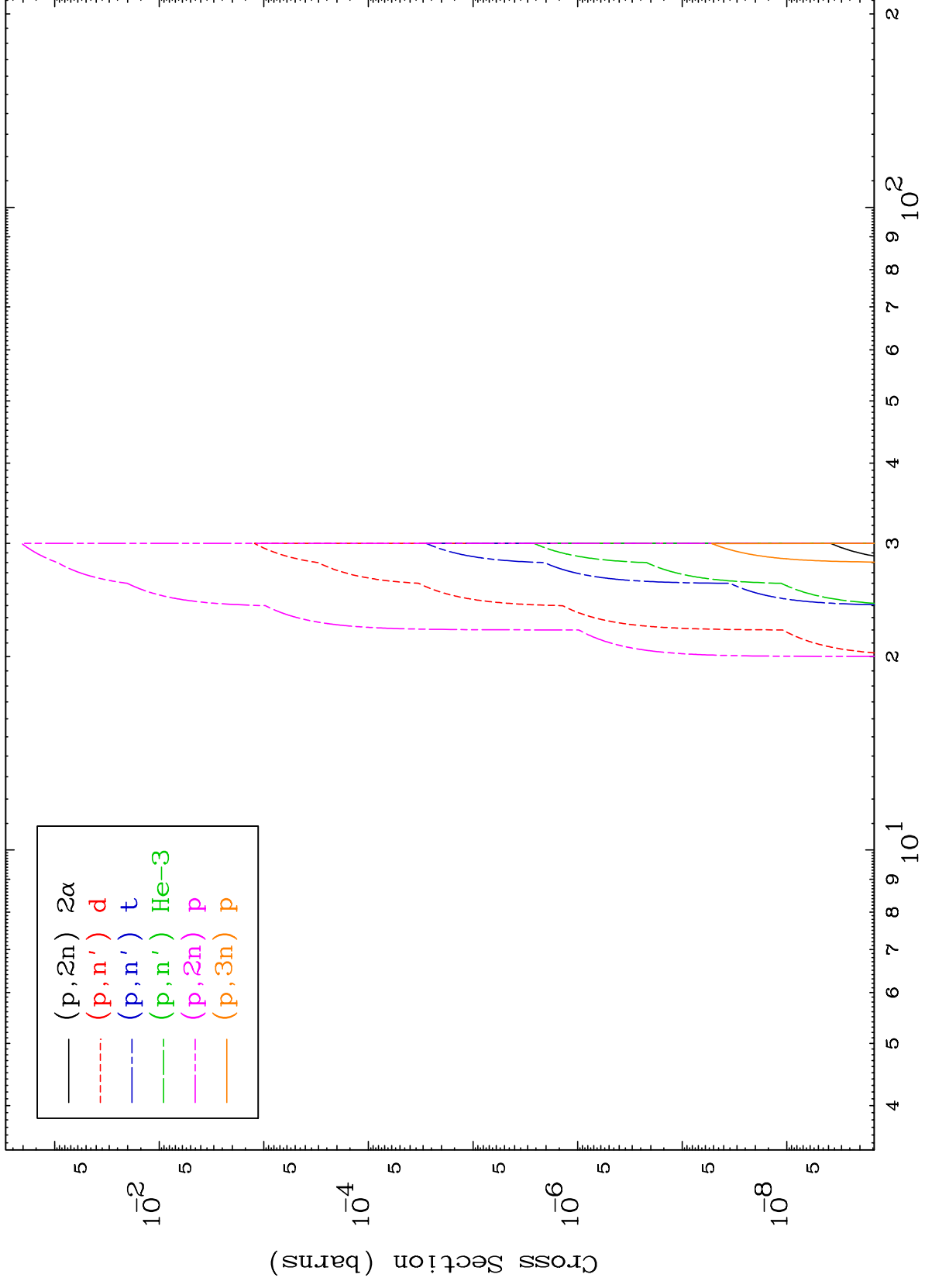


MAT 8286

Proton Neutron Production  
0 Kelvin Cross Sections

83-Bi-196

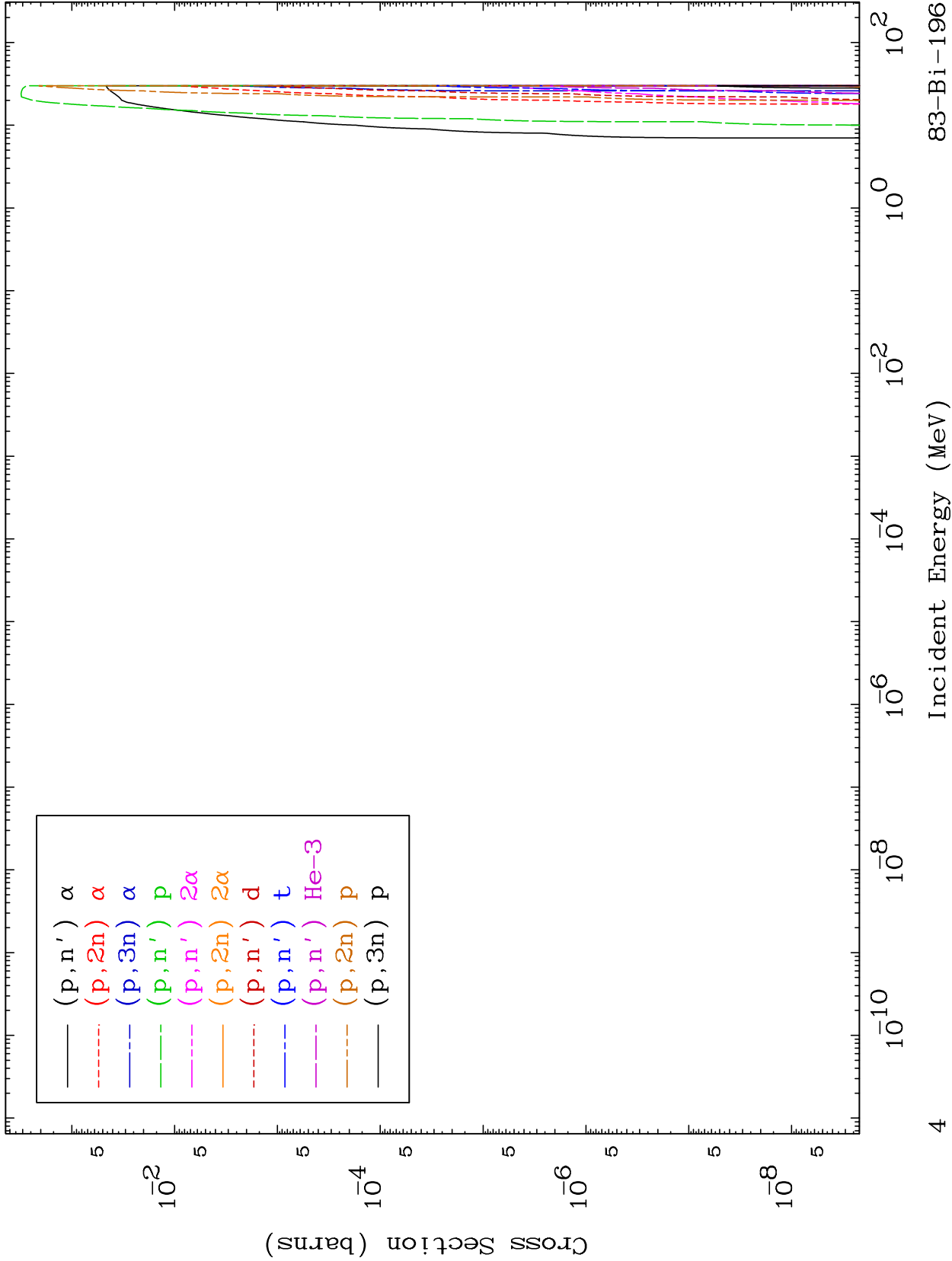




MAT 8286

Proton Charged Particle  
0 Kelvin Cross Sections

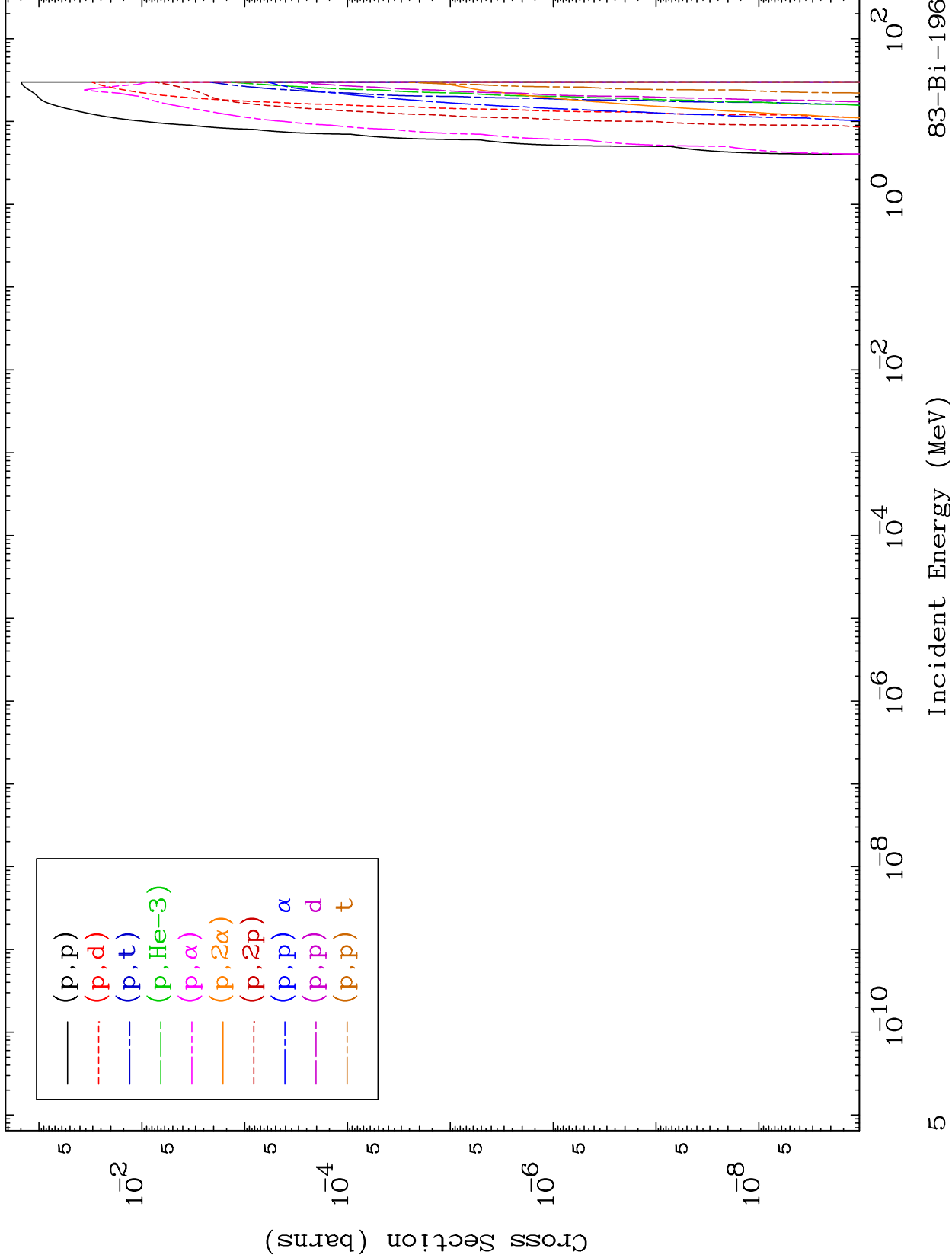
83-Bi-196



MAT 8286

Proton Charged Particle  
0 Kelvin Cross Sections

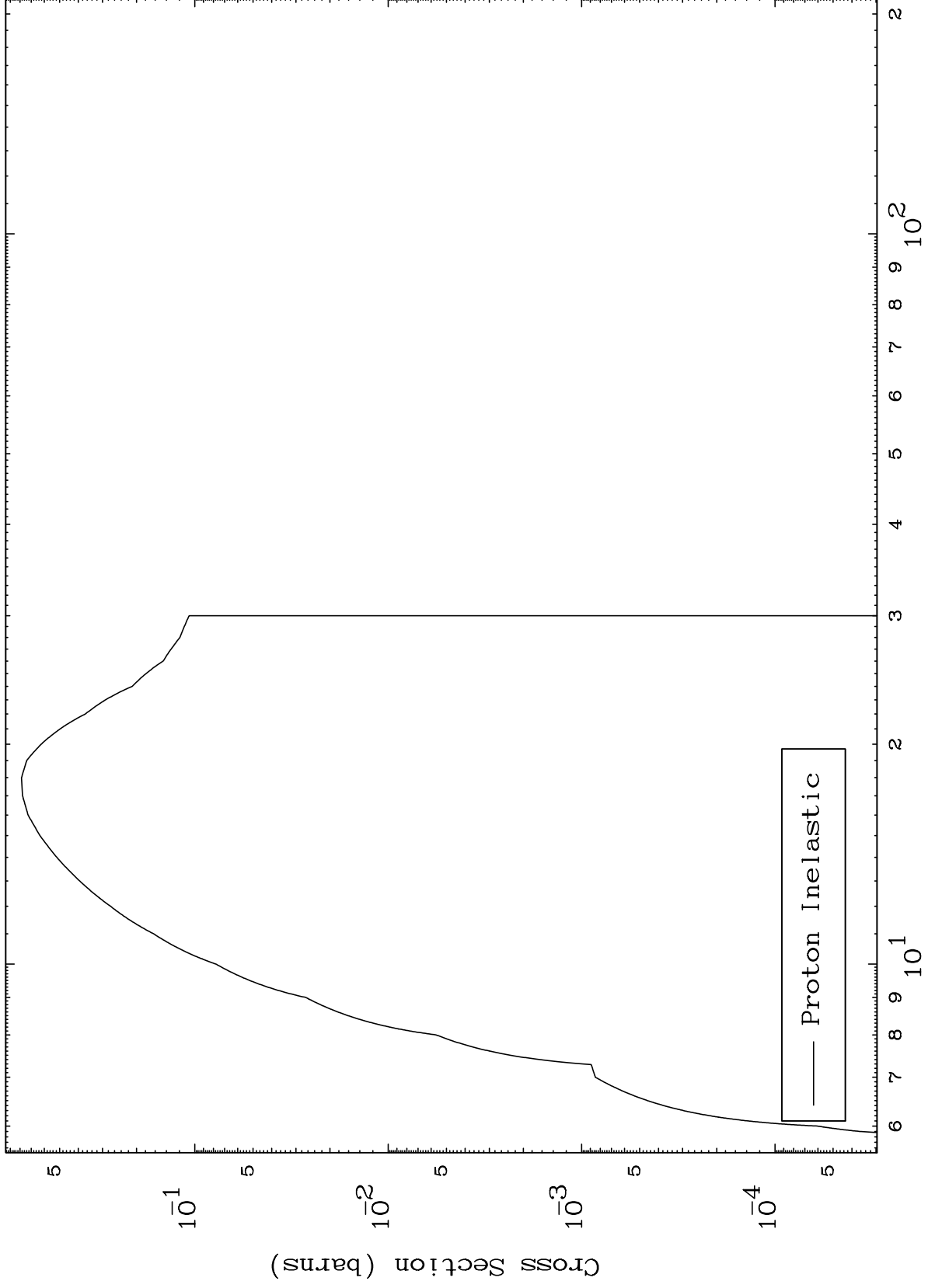
83-Bi-196



MAT 8286

83-Bi-196

(p,n') Level  
0 Kelvin Cross Sections



83-Bi-196

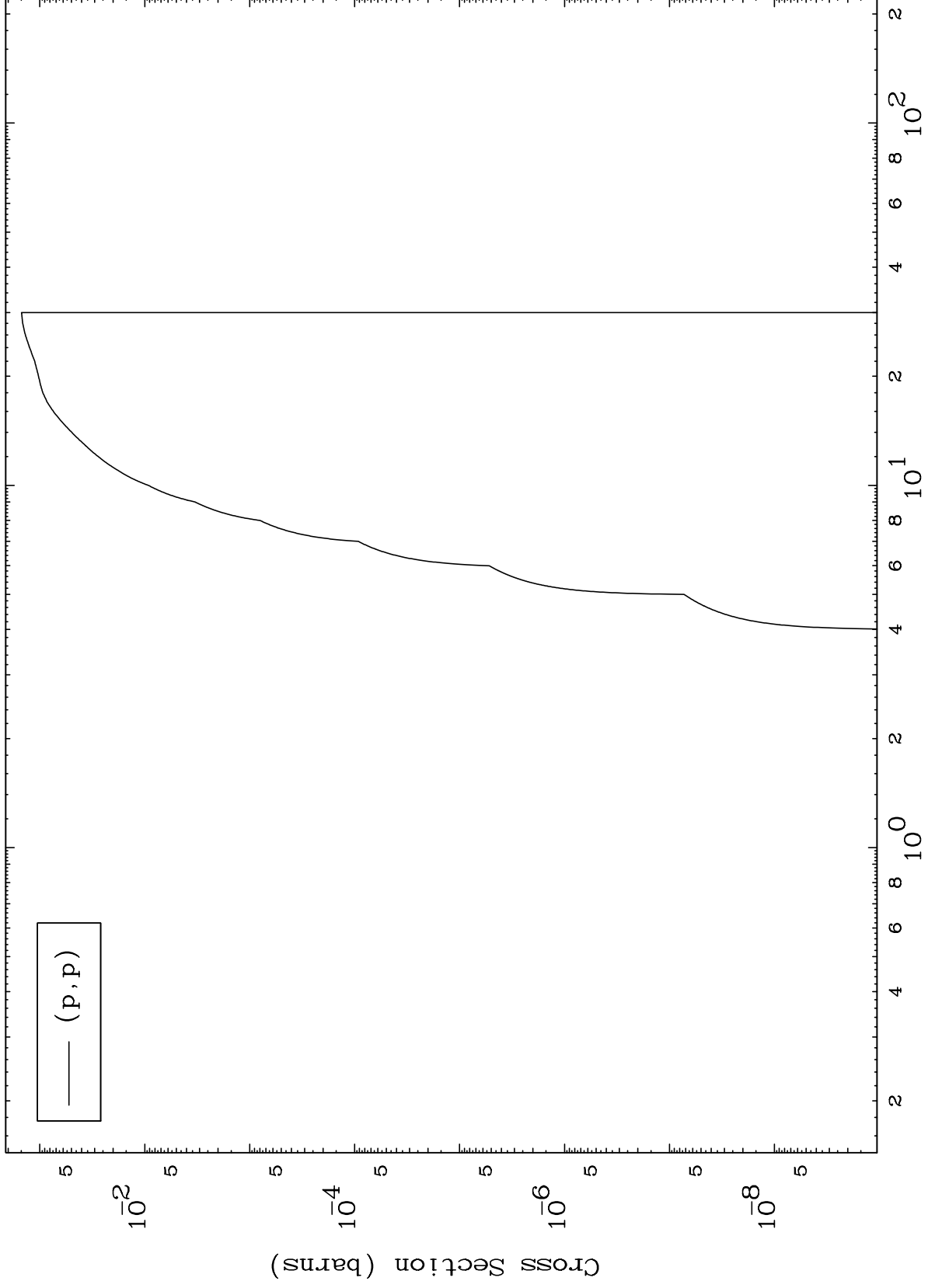
Incident Energy (MeV)

6

MAT 8286

(p,p) Levels  
0 Kelvin Cross Sections

83-Bi-196



7

Incident Energy (MeV)

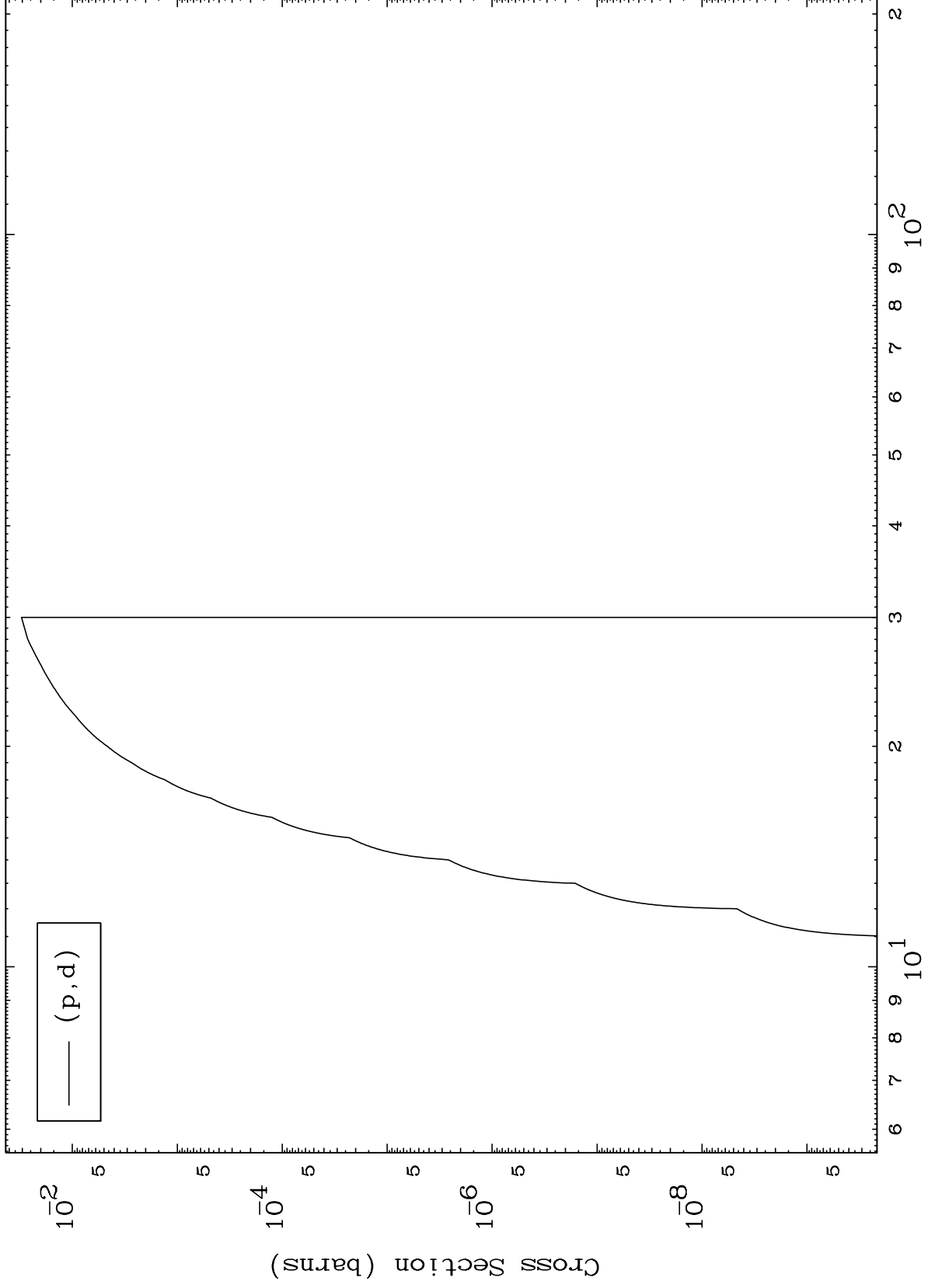
83-Bi-196



MAT 8286

(p,d) Levels  
0 Kelvin Cross Sections

83-Bi-196



8

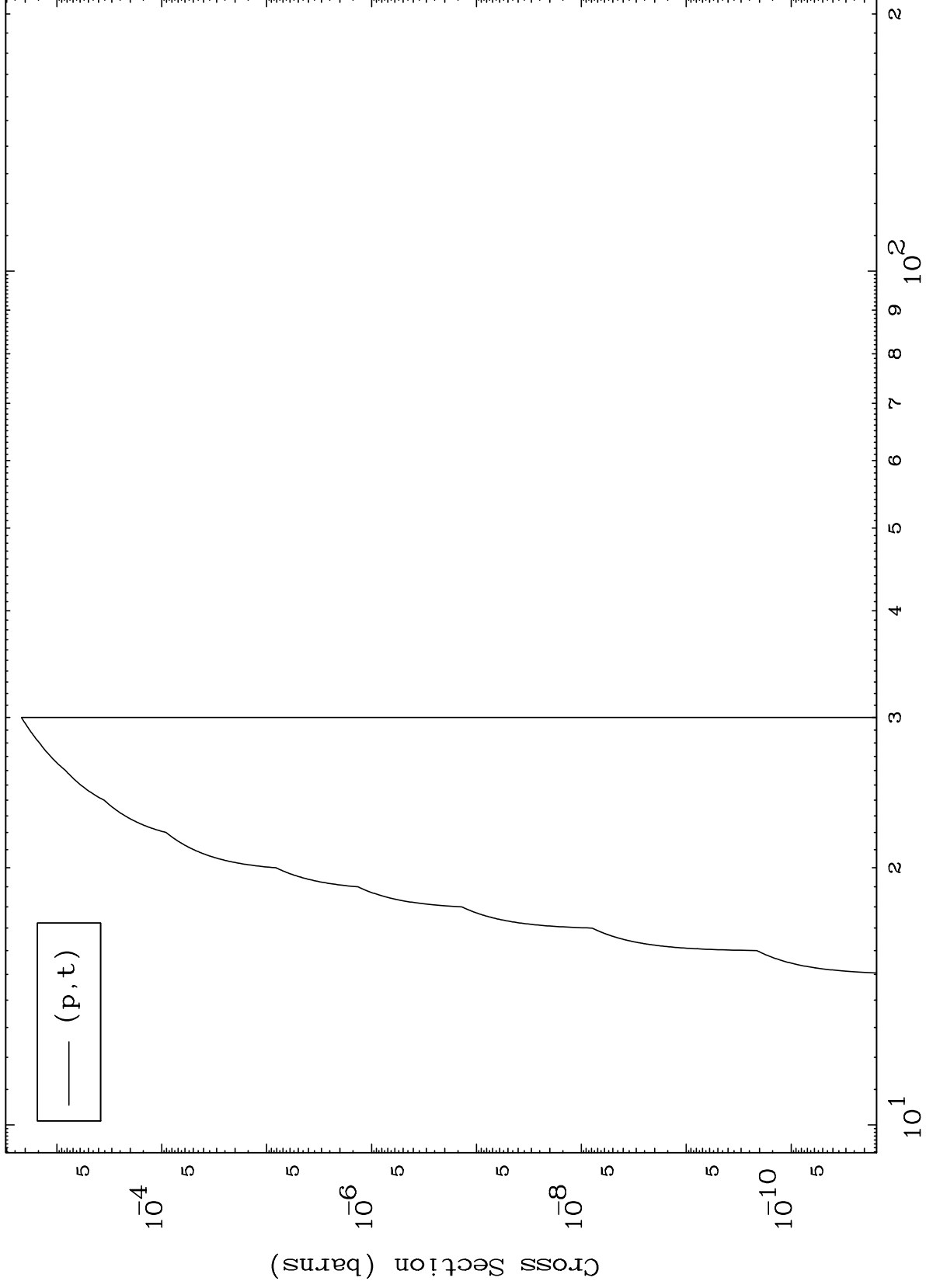
Incident Energy (MeV)

83-Bi-196

MAT 8286

(p,t) Levels  
0 Kelvin Cross Sections

83-Bi-196



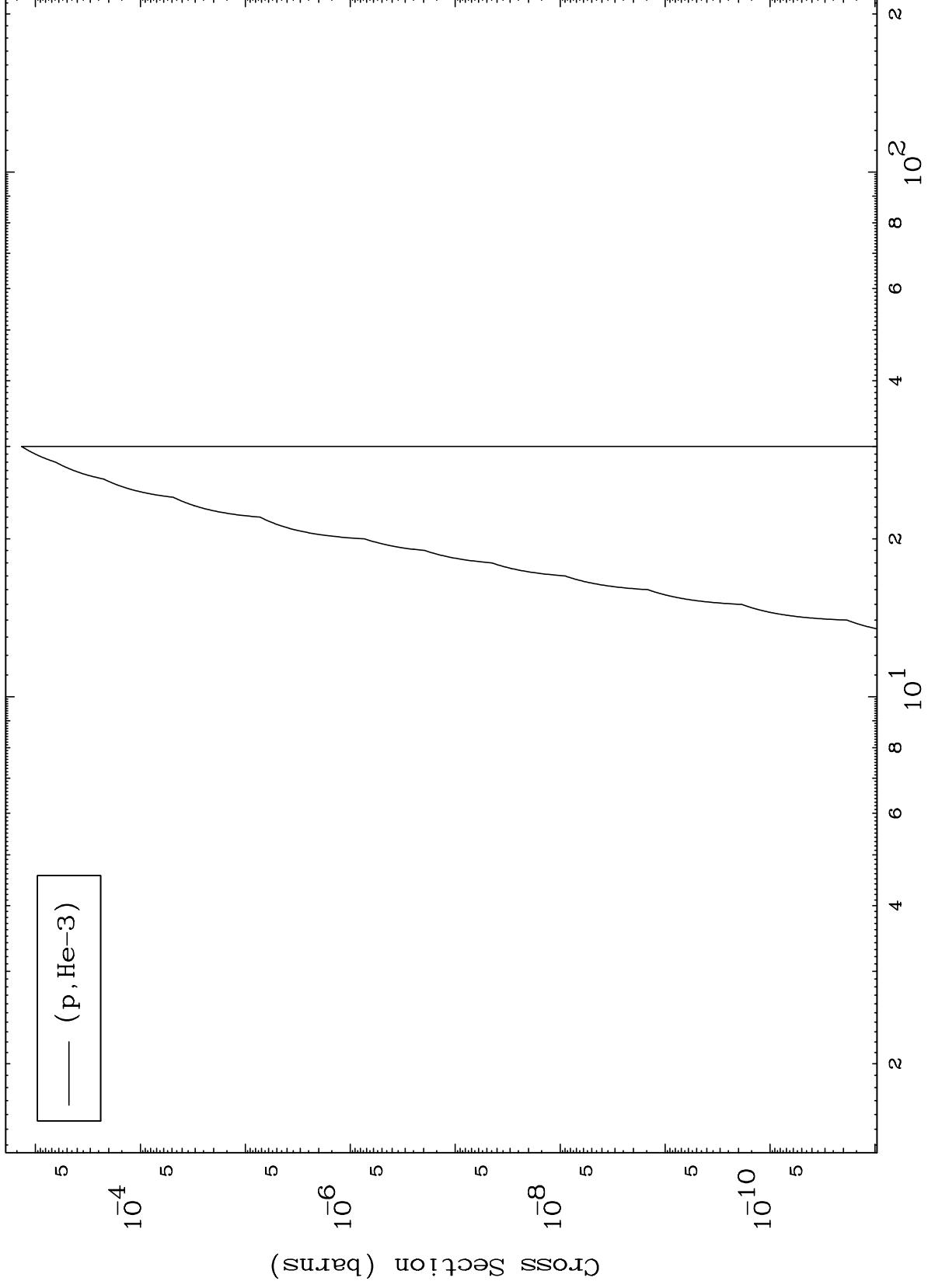
Incident Energy (MeV)

83-Bi-196

MAT 8286

(p,He3) Levels  
0 Kelvin Cross Sections

83-Bi-196



10

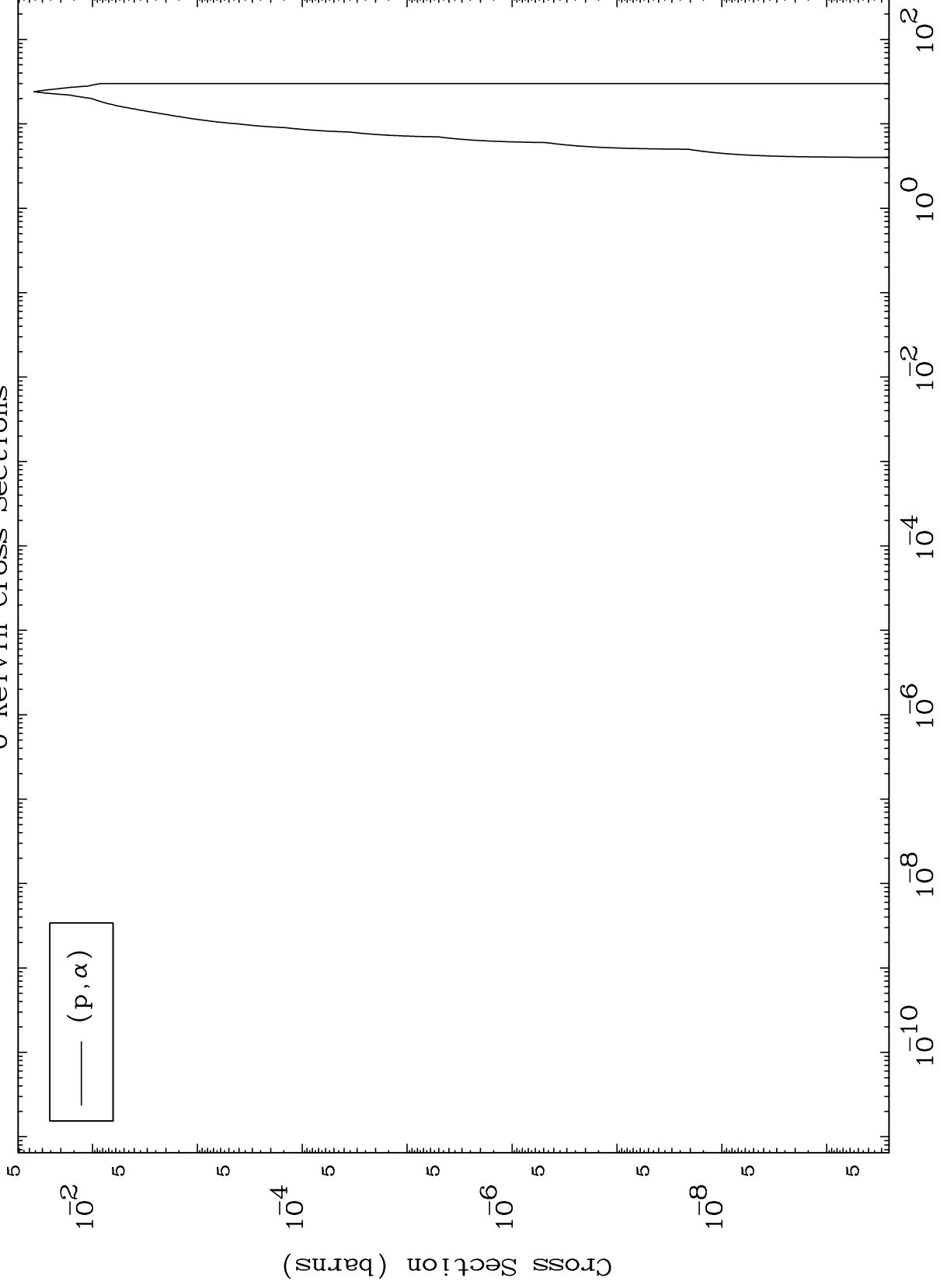
Incident Energy (MeV)

83-Bi-196

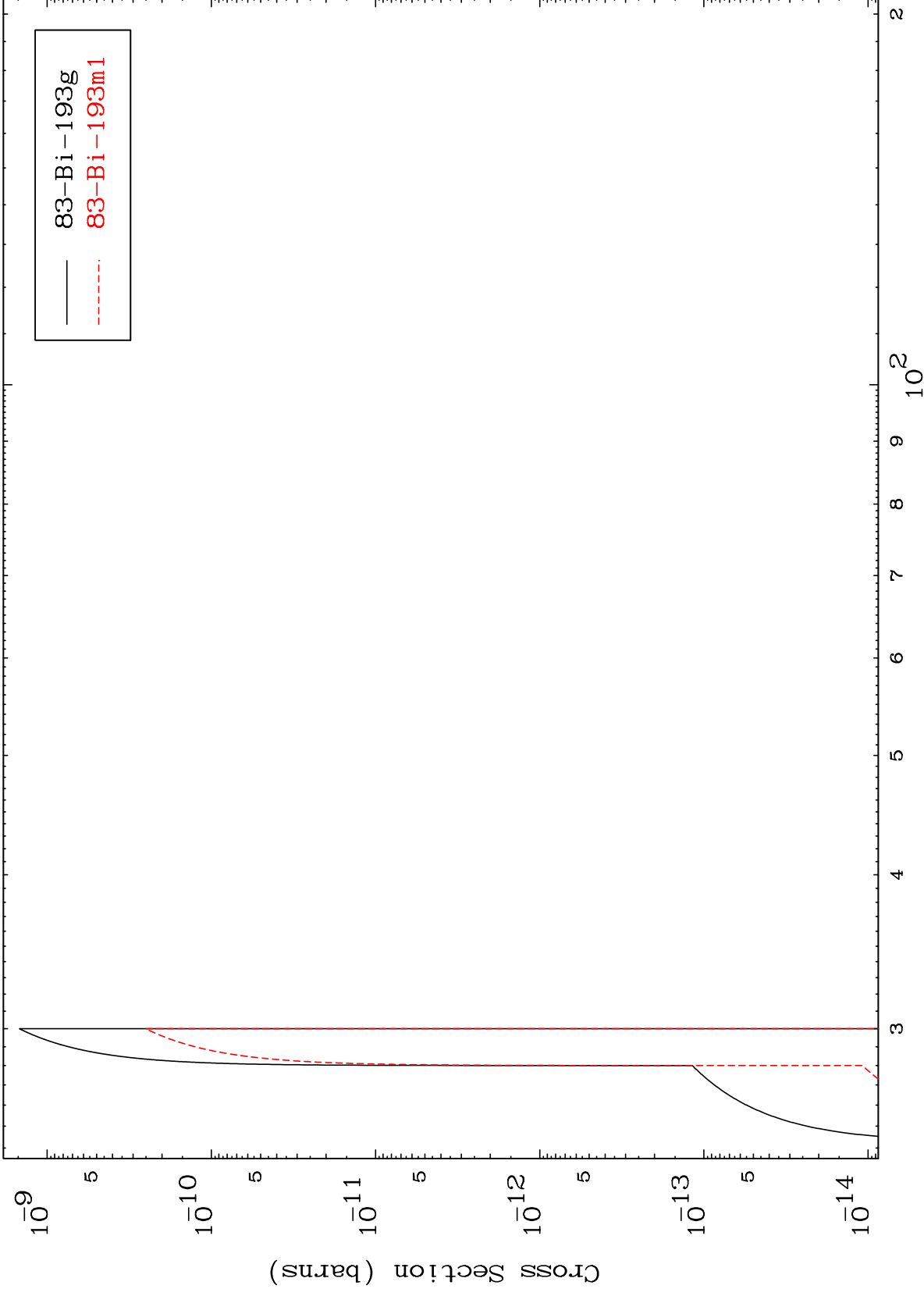
MAT 8286

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

83-Bi-196



Radionuclide Production Cross Section

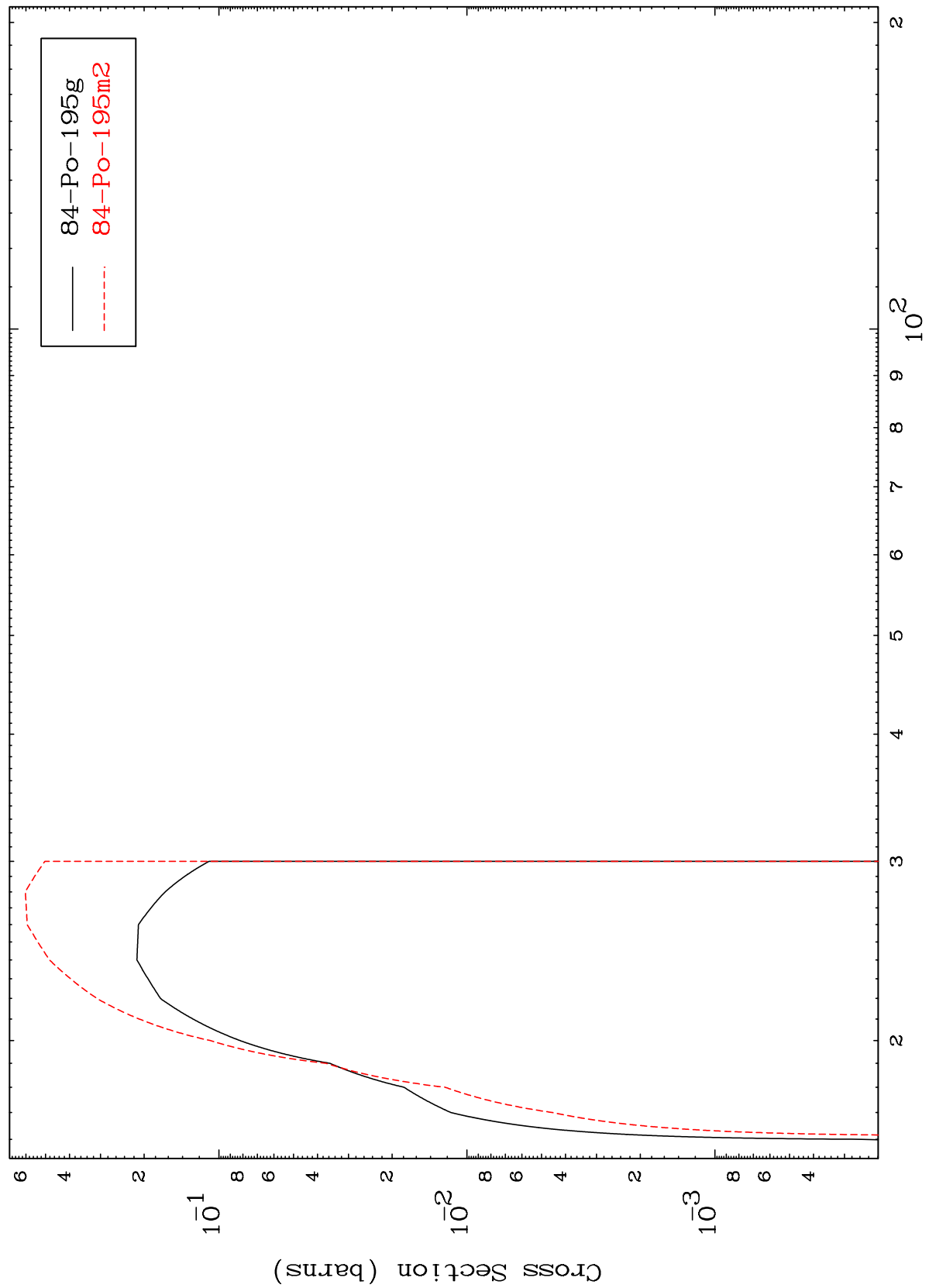


83-Bi-193g  
83-Bi-193m1

MAT 8286

83-Bi-196

(p,2n)  
Radionuclide Production Cross Section



13

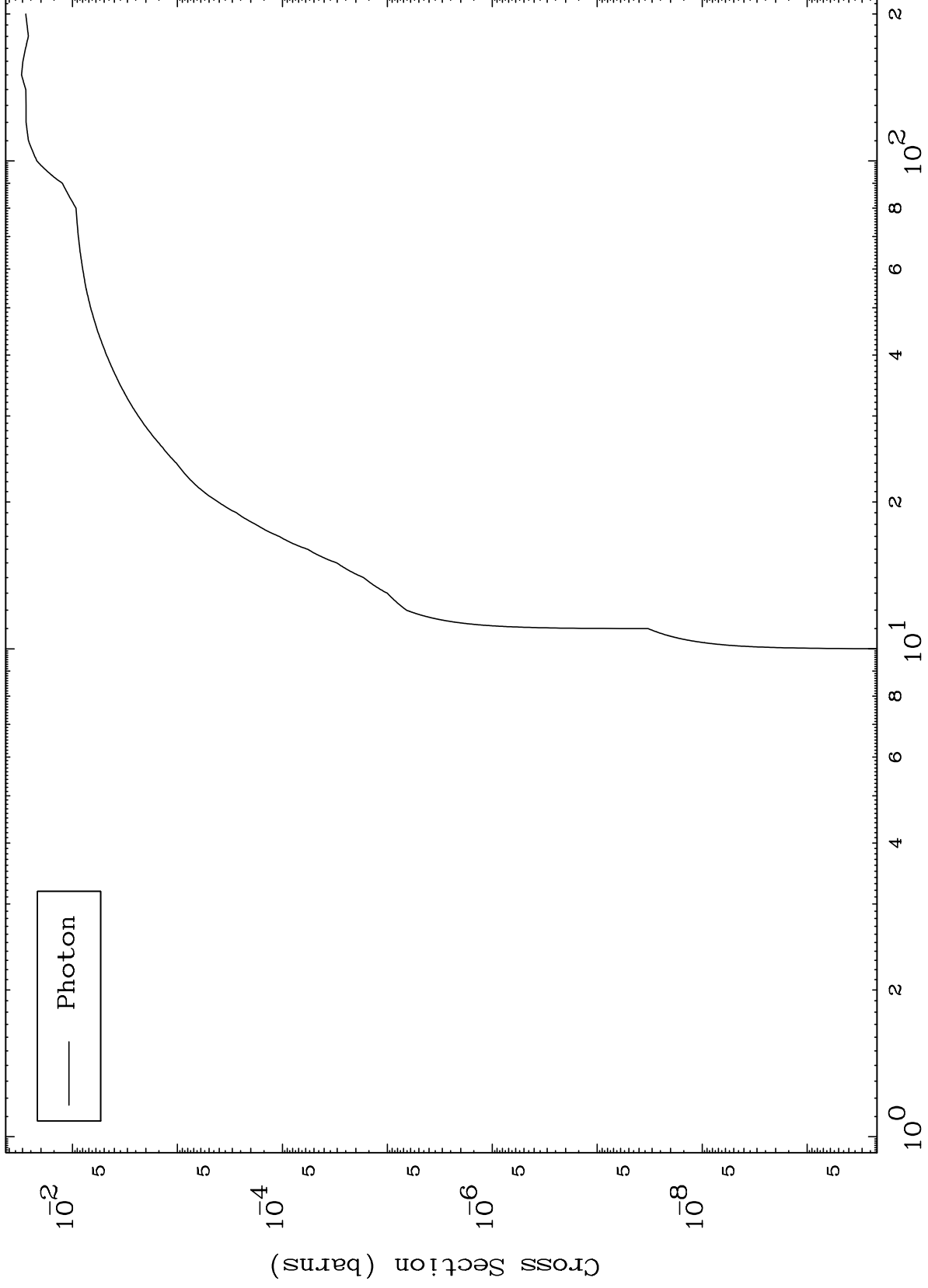
83-Bi-196

Incident Energy (MeV)

MAT 8286

Proton Fission  
Radionuclide Production Cross Section

83-Bi-196



Photon

Incident Energy (MeV)

83-Bi-196

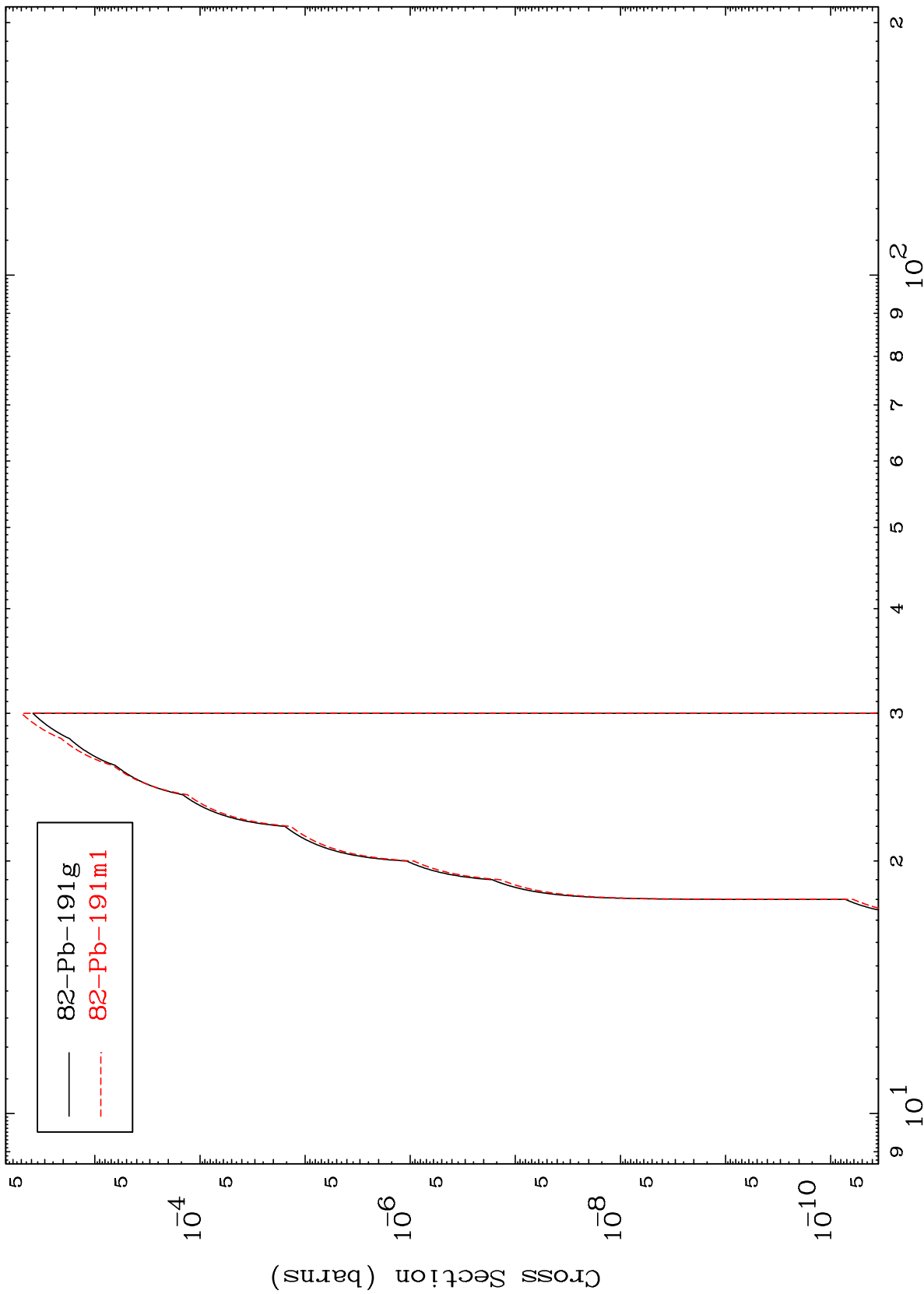
14

MAT 8286

(p,2n)  $\alpha$

83-Bi-196

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-196

15

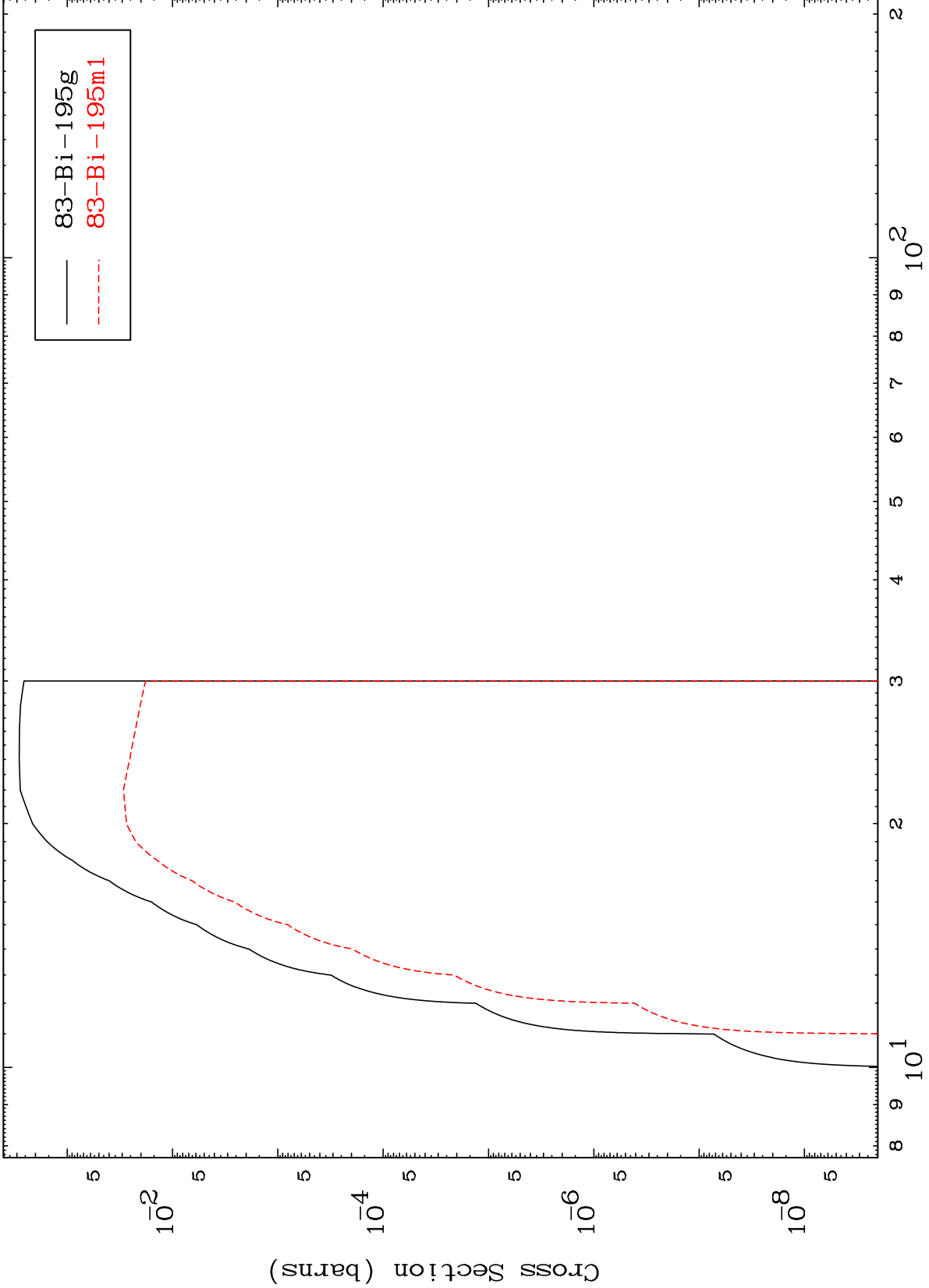


MAT 8286

(p,n') p

83-Bi-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

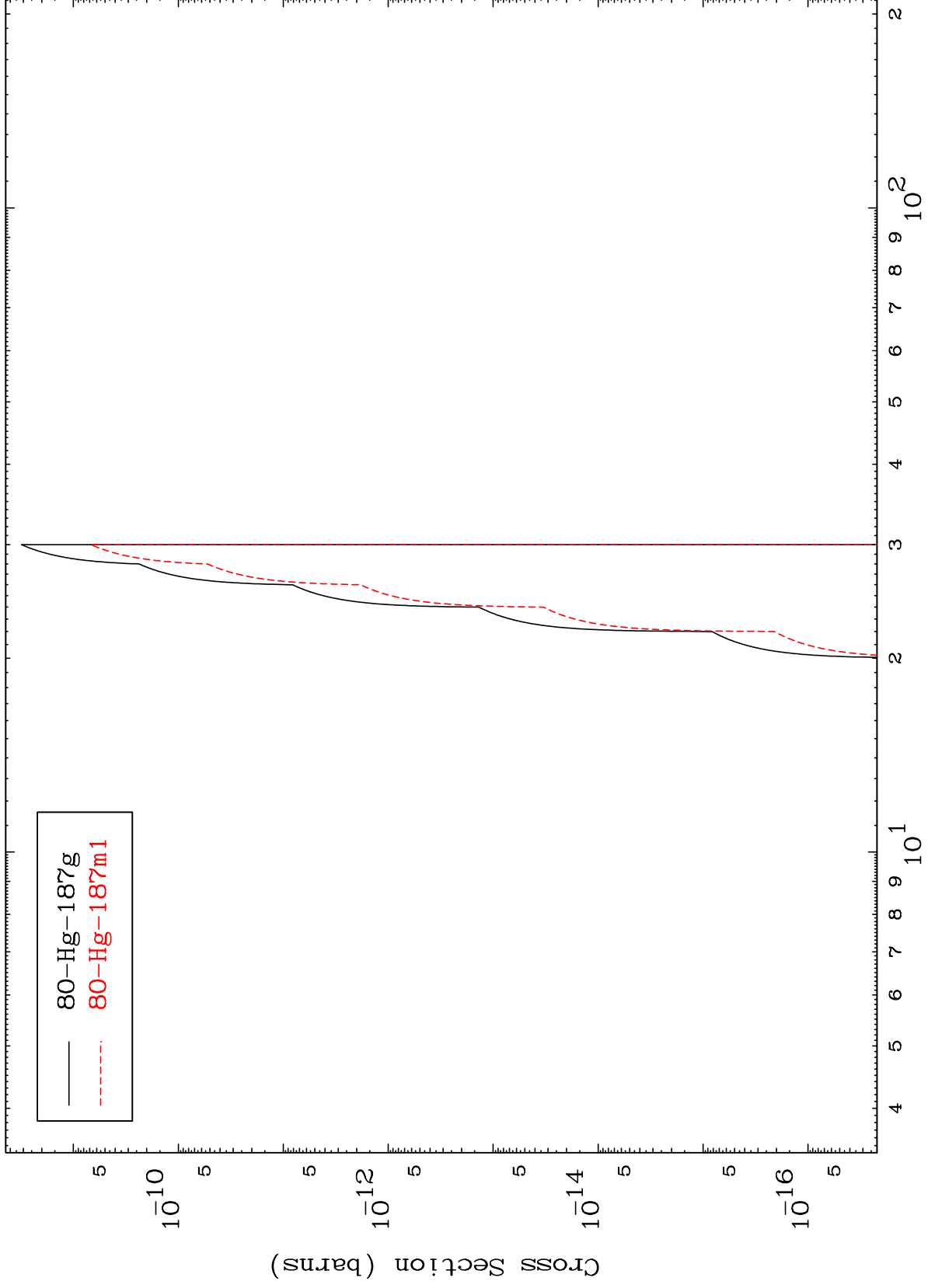
83-Bi-196

MAT 8286

$(p,2n) 2\alpha$

83-Bi-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

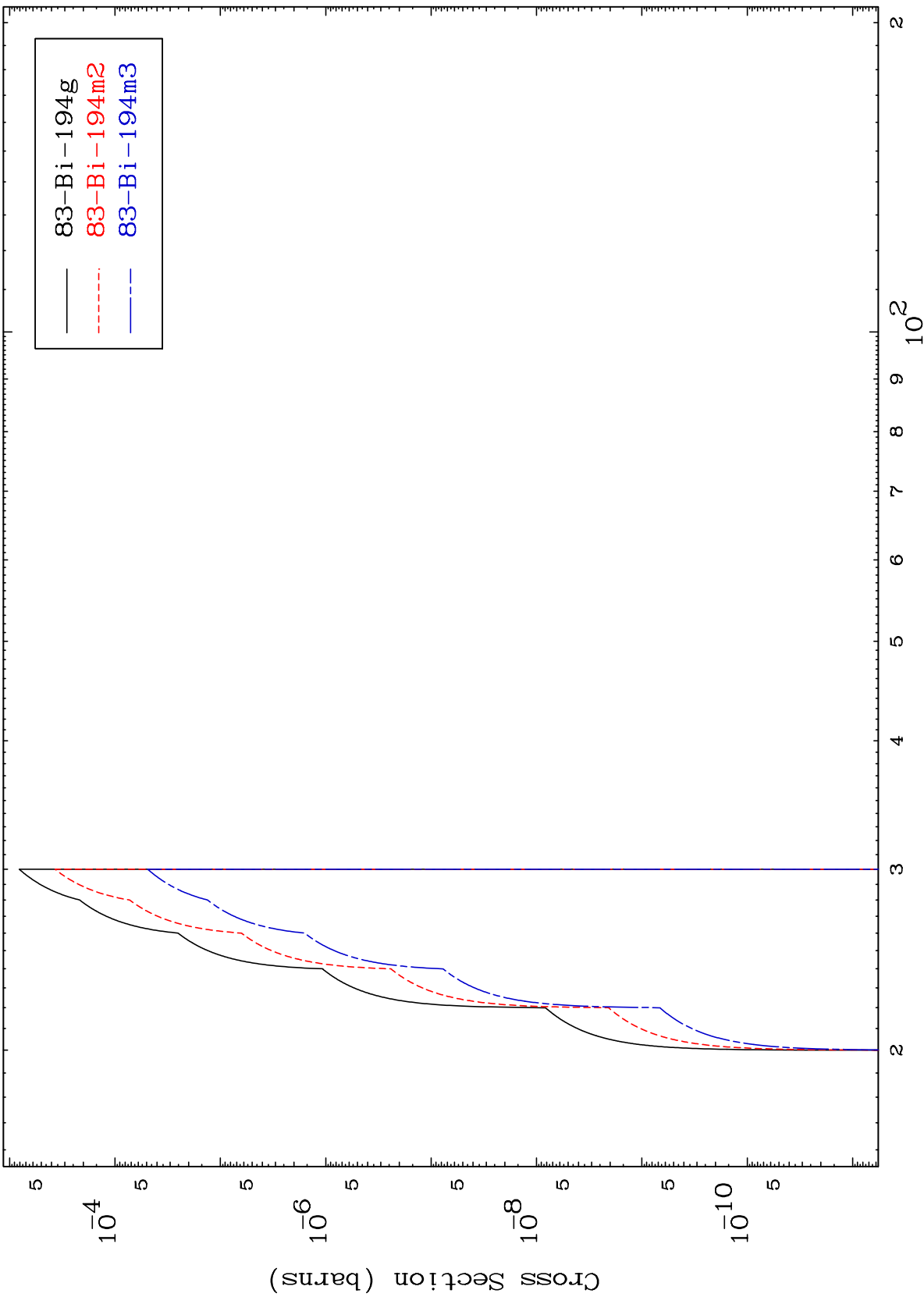
83-Bi-196

MAT 8286

(p,n') d

83-Bi-196

Radionuclide Production Cross Section

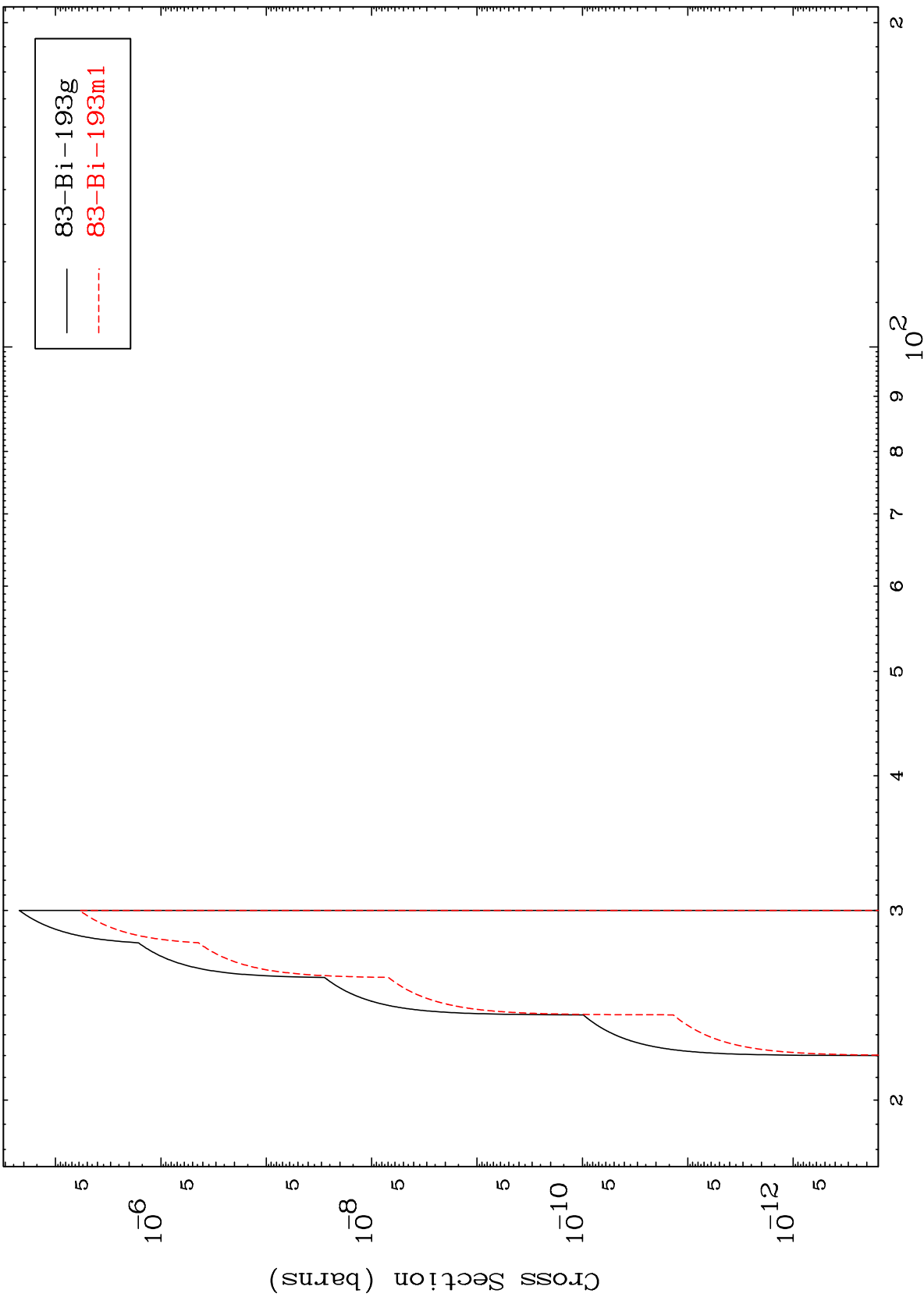


18

Incident Energy (MeV)

83-Bi-196

Radionuclide Production Cross Section

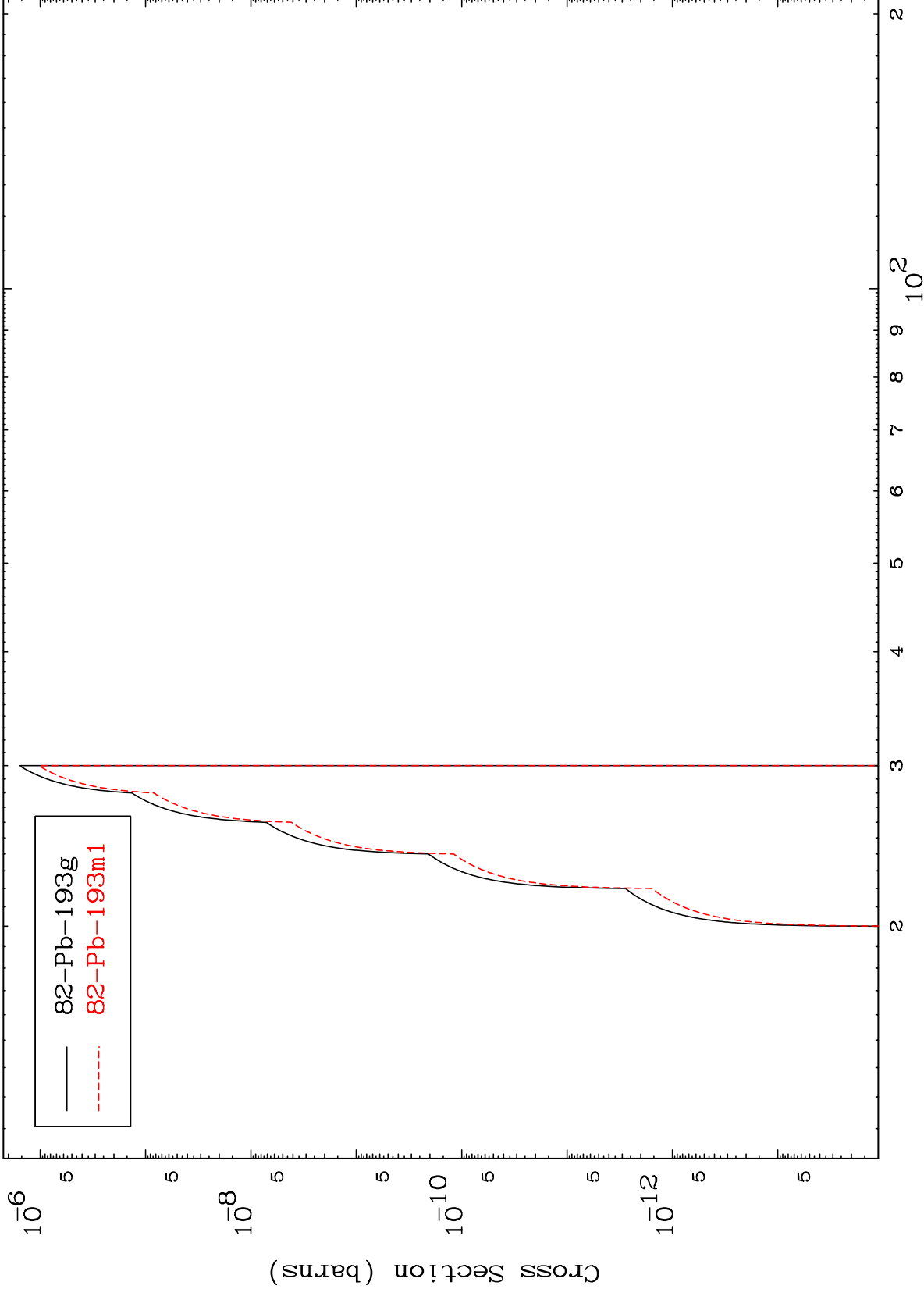


MAT 8286

(p,n') He-3

83-Bi-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

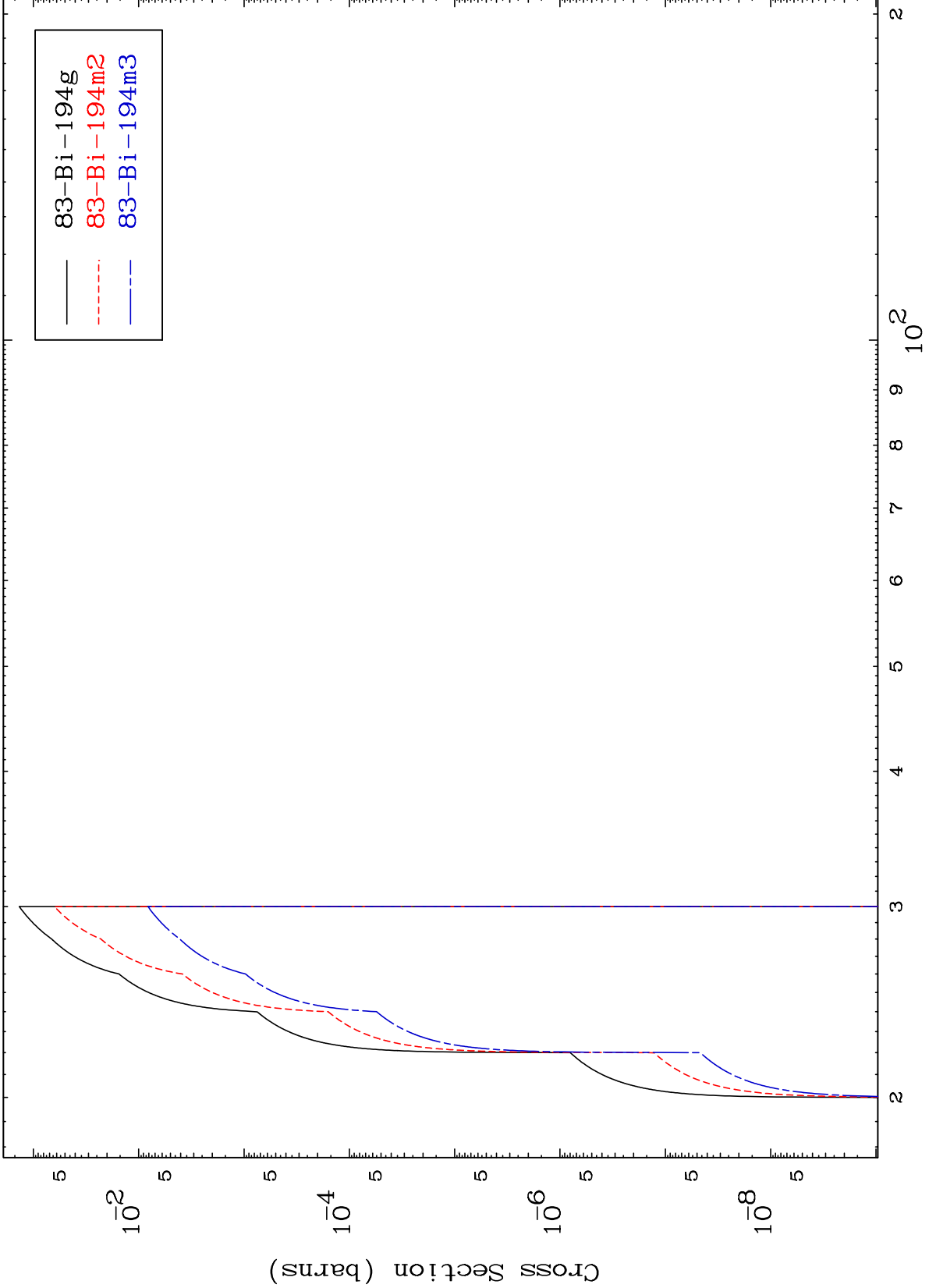
83-Bi-196

MAT 8286

(p,2n) p

83-Bi-196

Radionuclide Production Cross Section



21

Incident Energy (MeV)

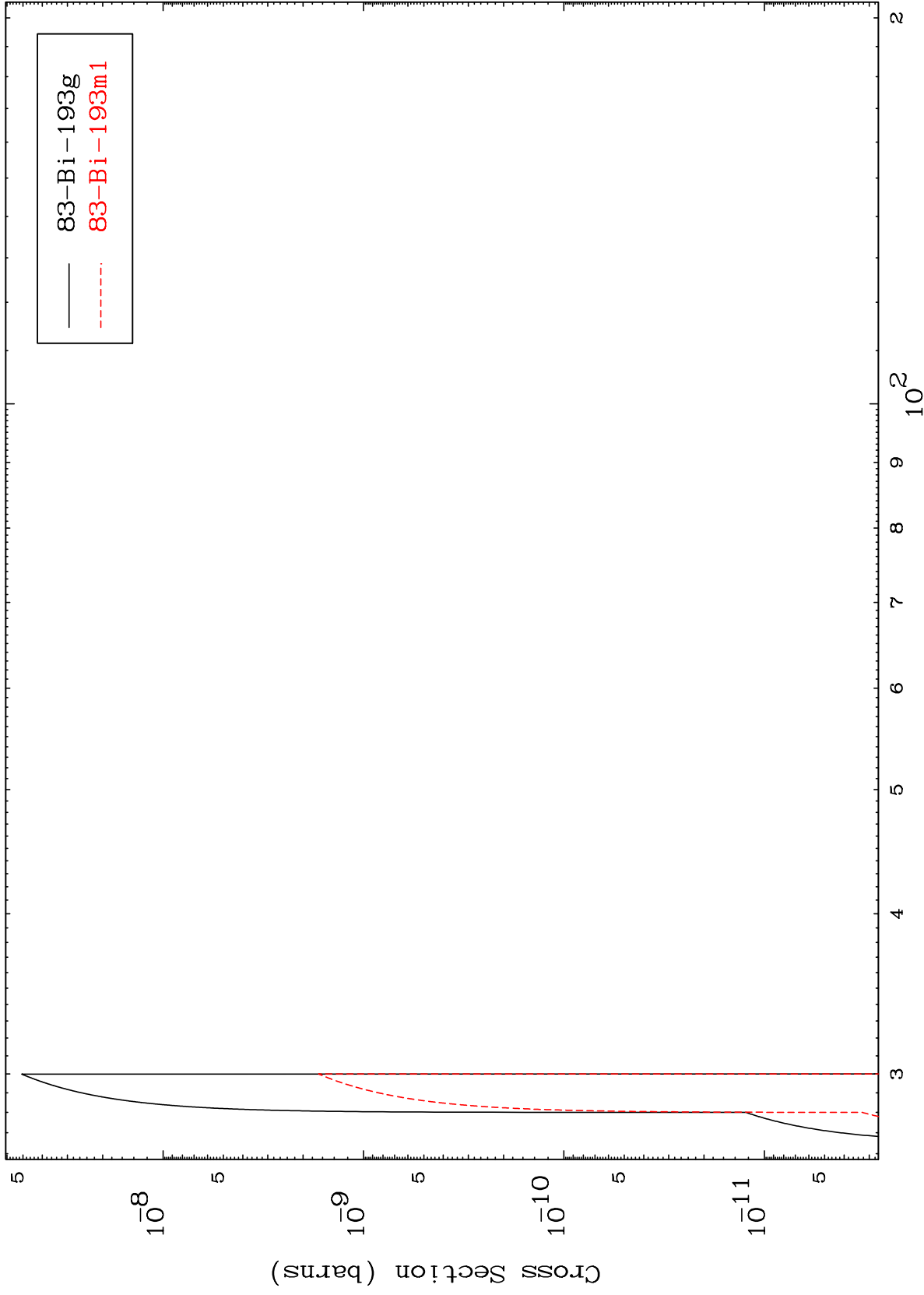
83-Bi-196

MAT 8286

(p,3n) p

83-Bi-196

Radionuclide Production Cross Section

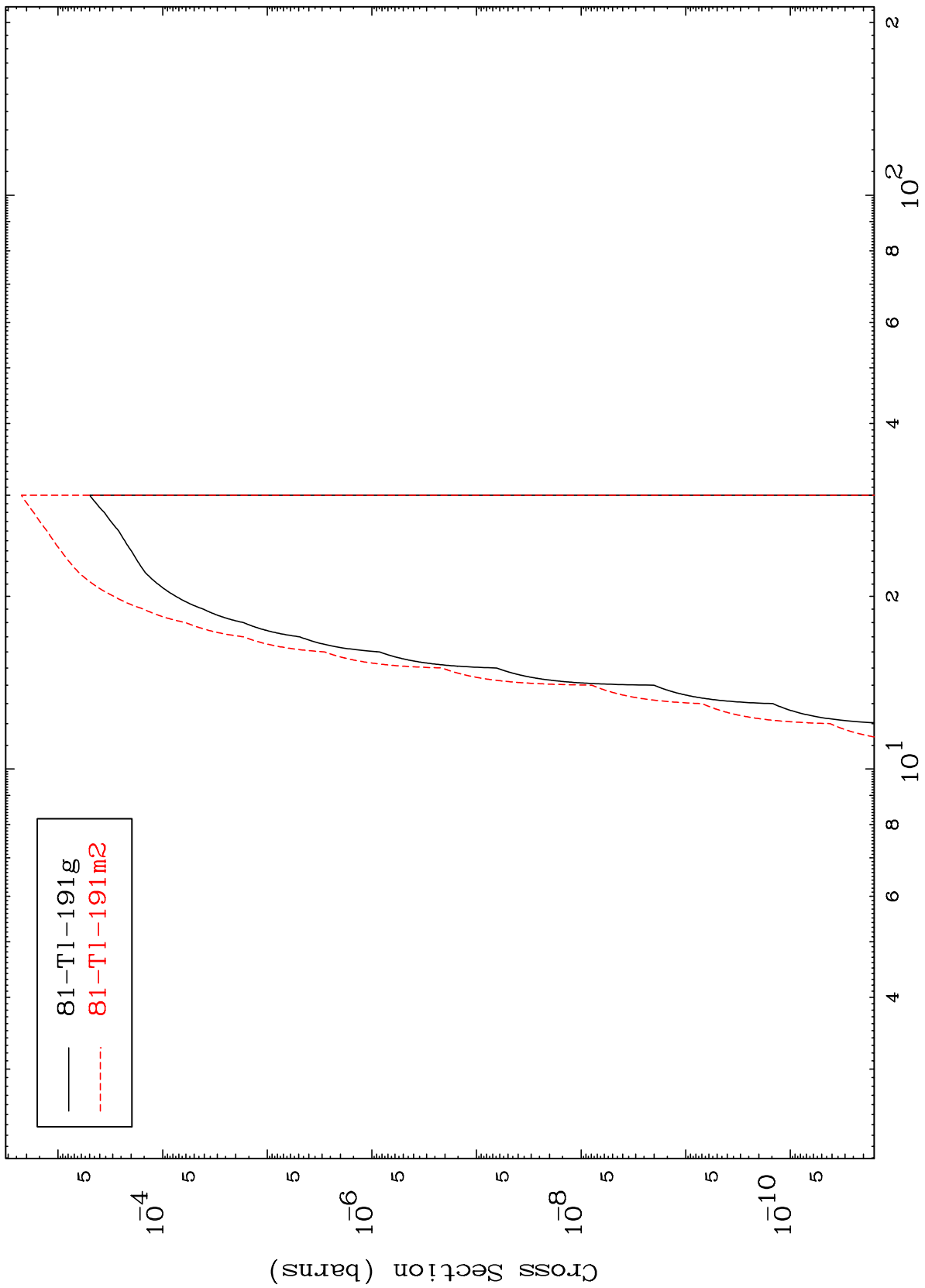


22

Incident Energy (MeV)

83-Bi-196

(p,n') p  $\alpha$   
Radionuclide Production Cross Section



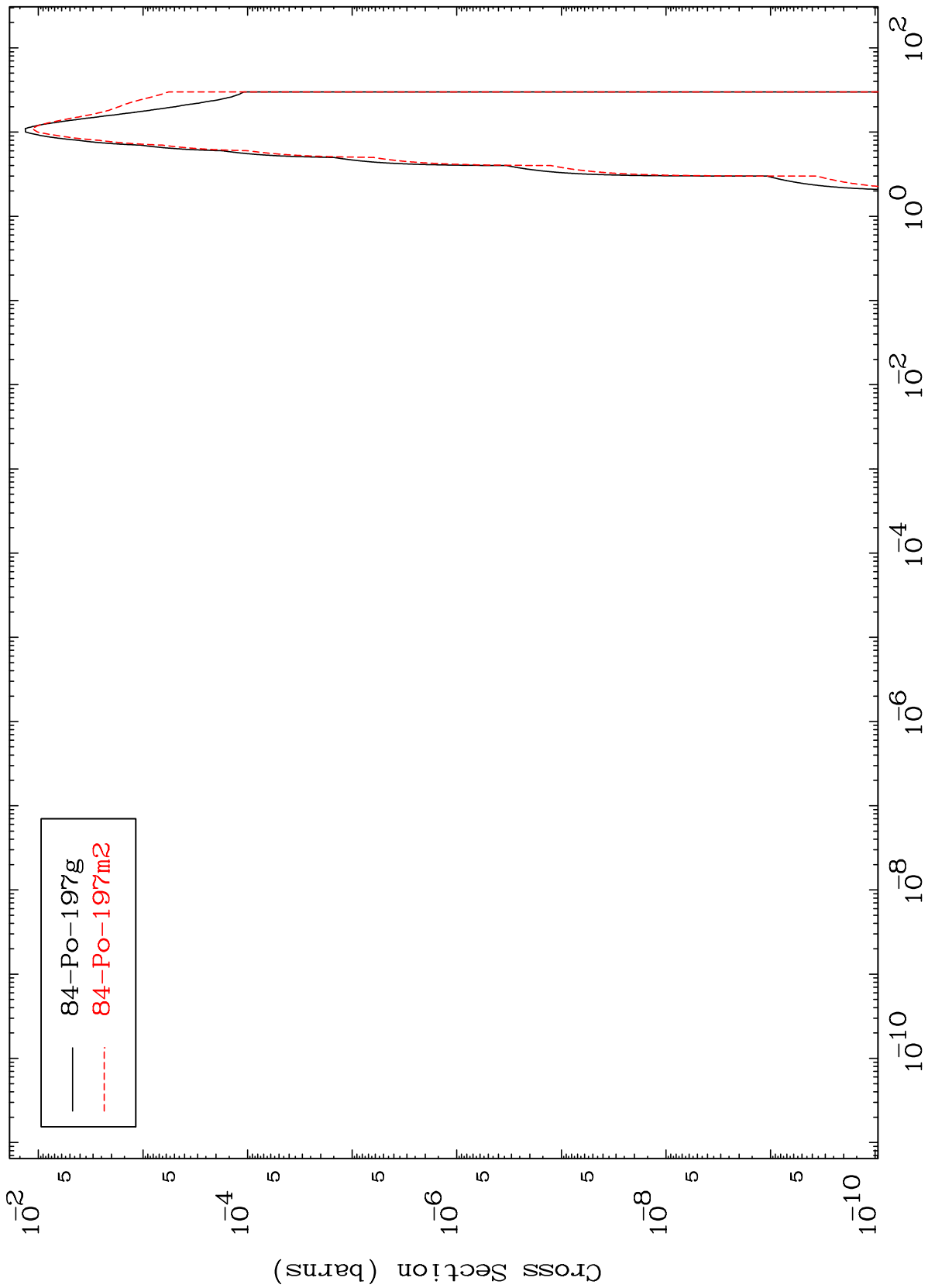


MAT 8286

(p,  $\gamma$ )

83-Bi-196

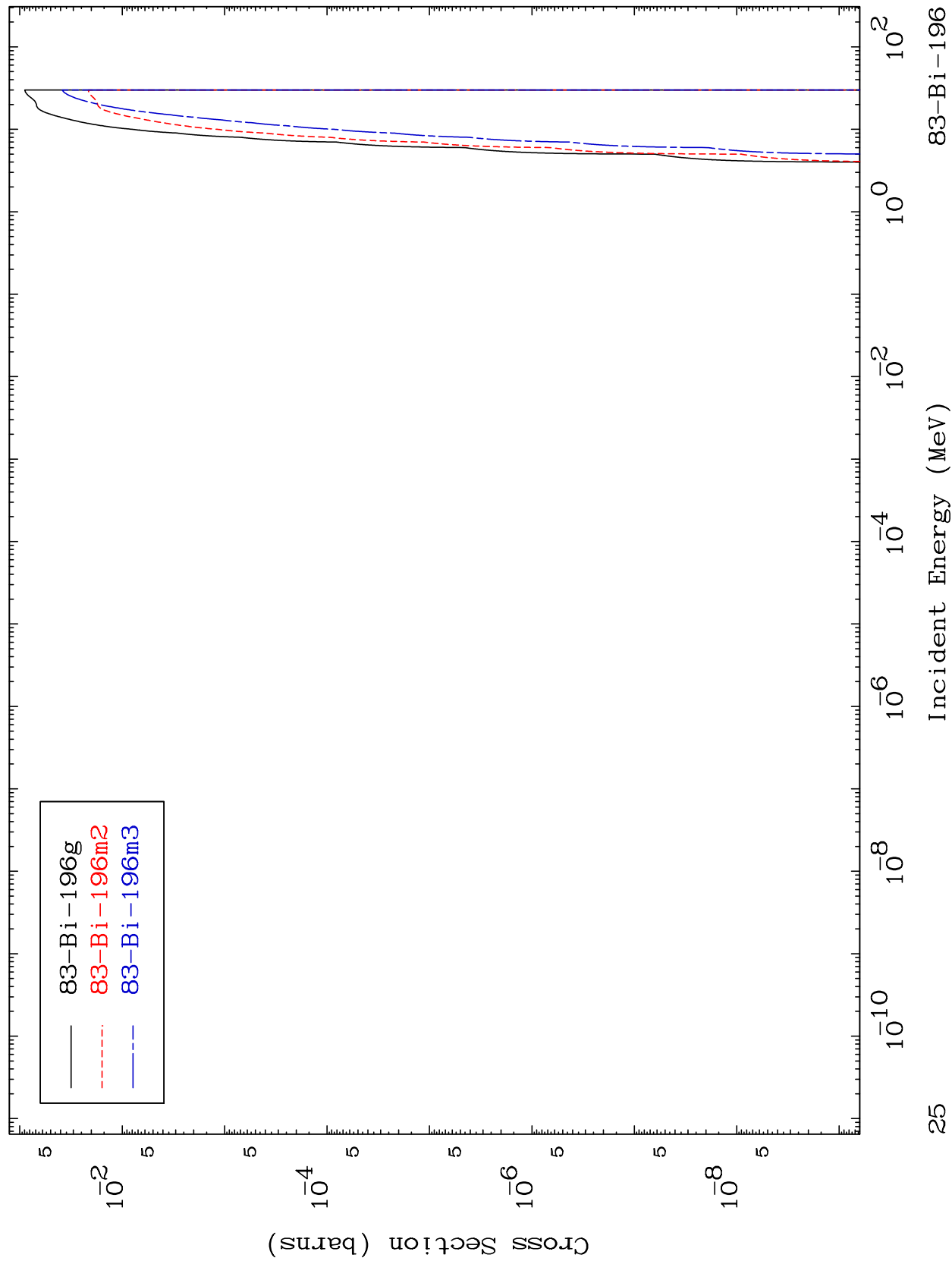
Radionuclide Production Cross Section



MAT 8286

<sup>83</sup>Bi-196

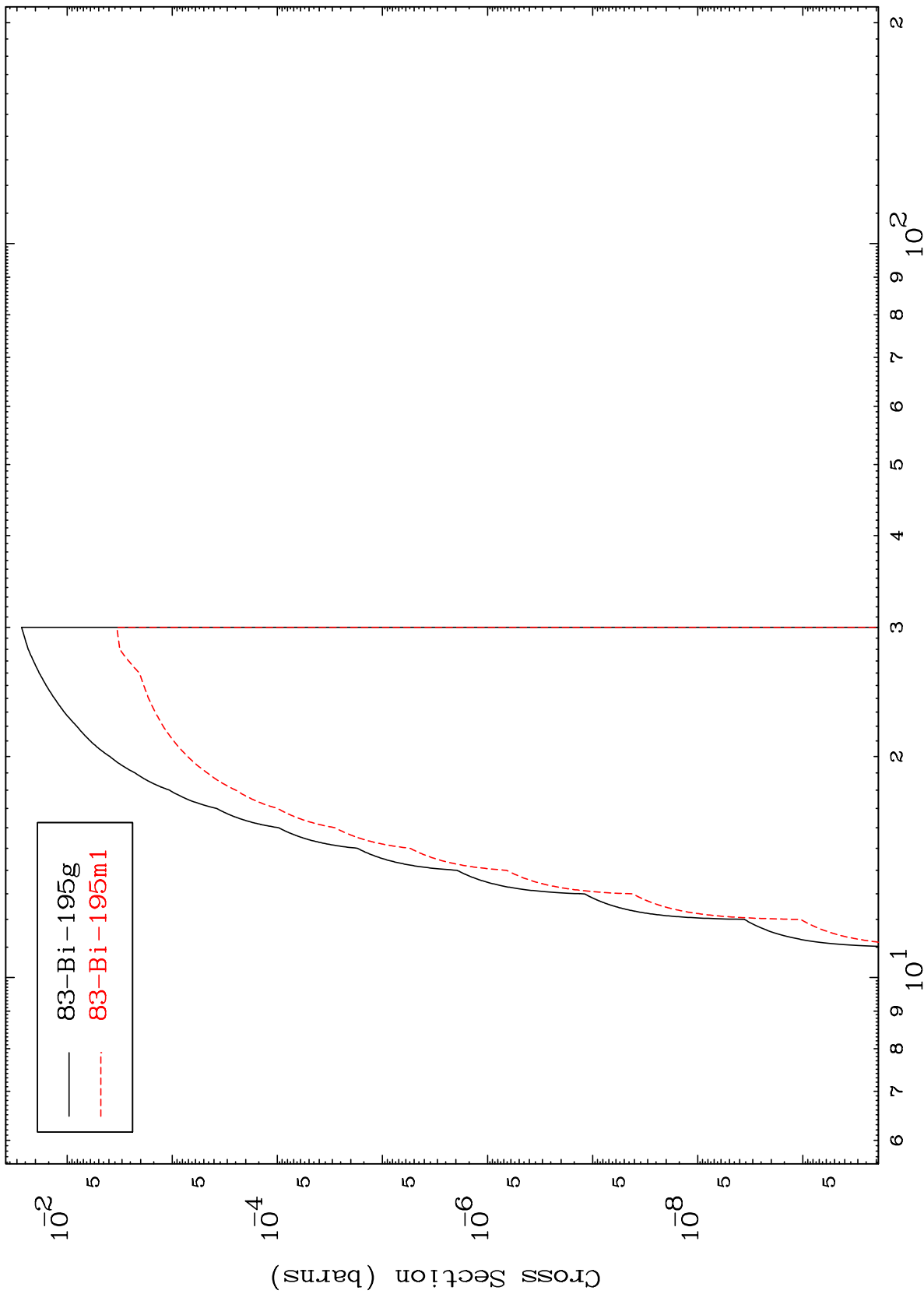
(p,p)  
Radionuclide Production Cross Section



MAT 8286

83-Bi-196

(p,d)  
Radionuclide Production Cross Section



— 83-Bi-195g  
- - - 83-Bi-195m1

26

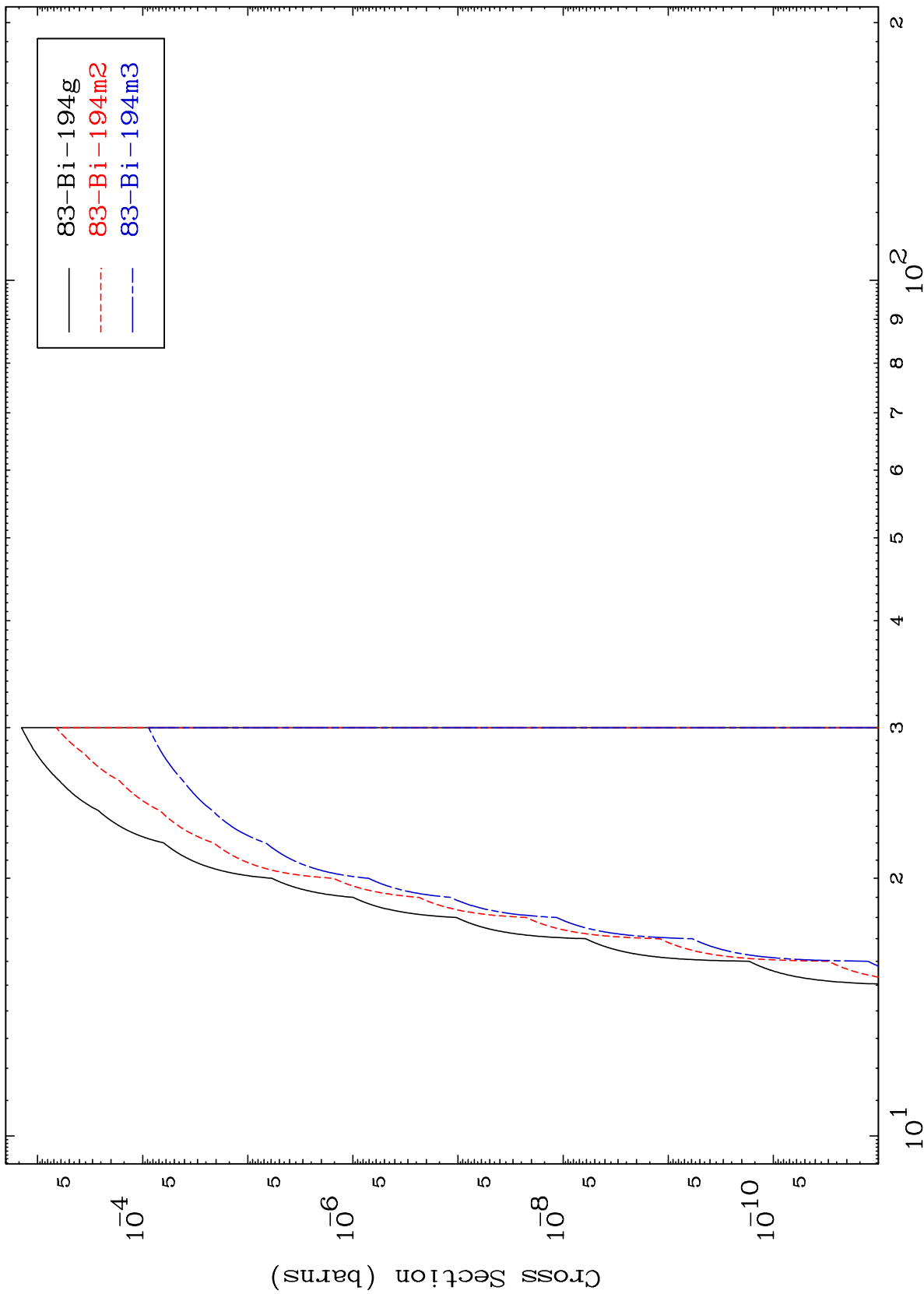
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

(p, t)  
Radionuclide Production Cross Section



83-Bi-196

Incident Energy (MeV)

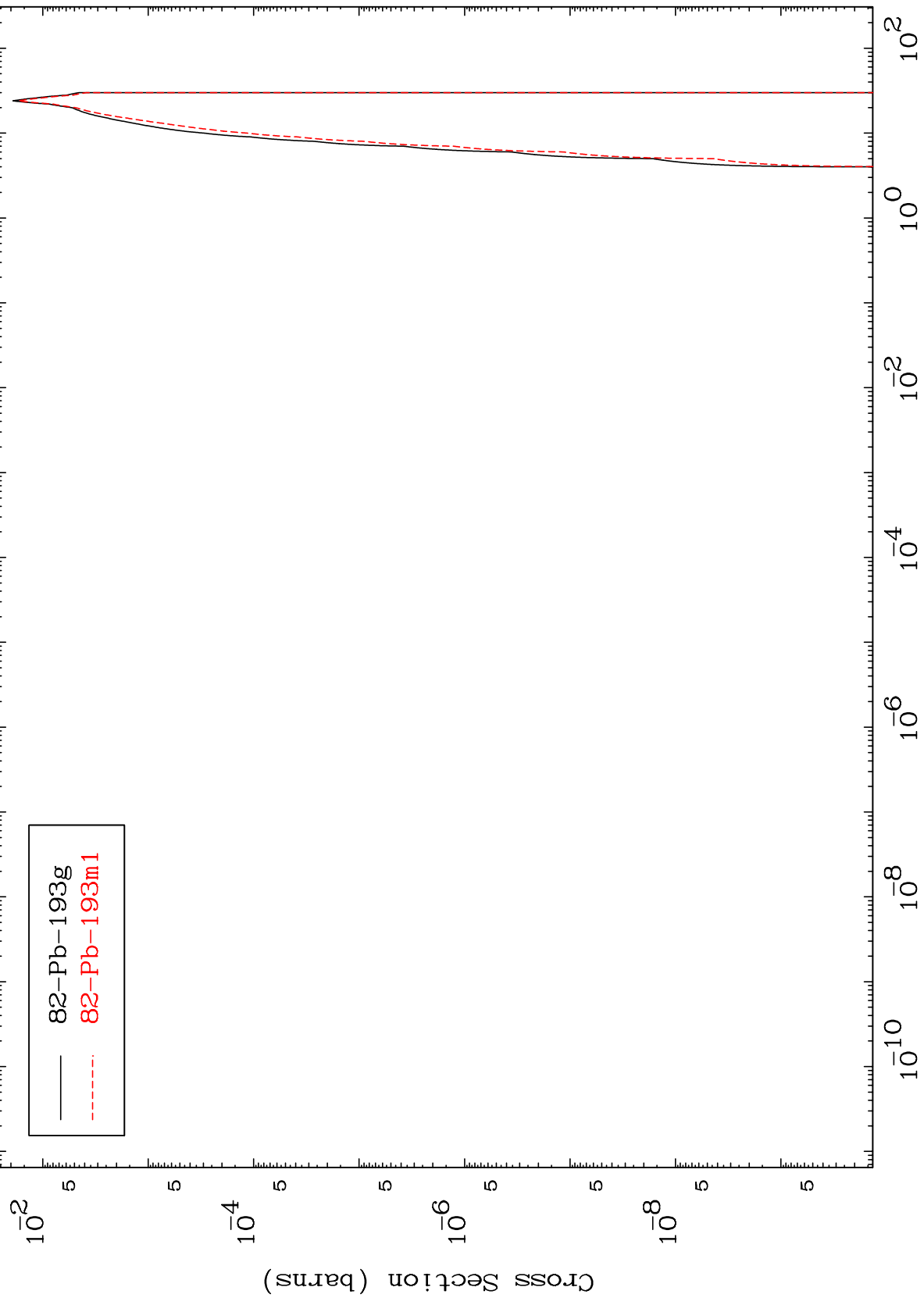
27

MAT 8286

(p,  $\alpha$ )

83-Bi-196

Radionuclide Production Cross Section

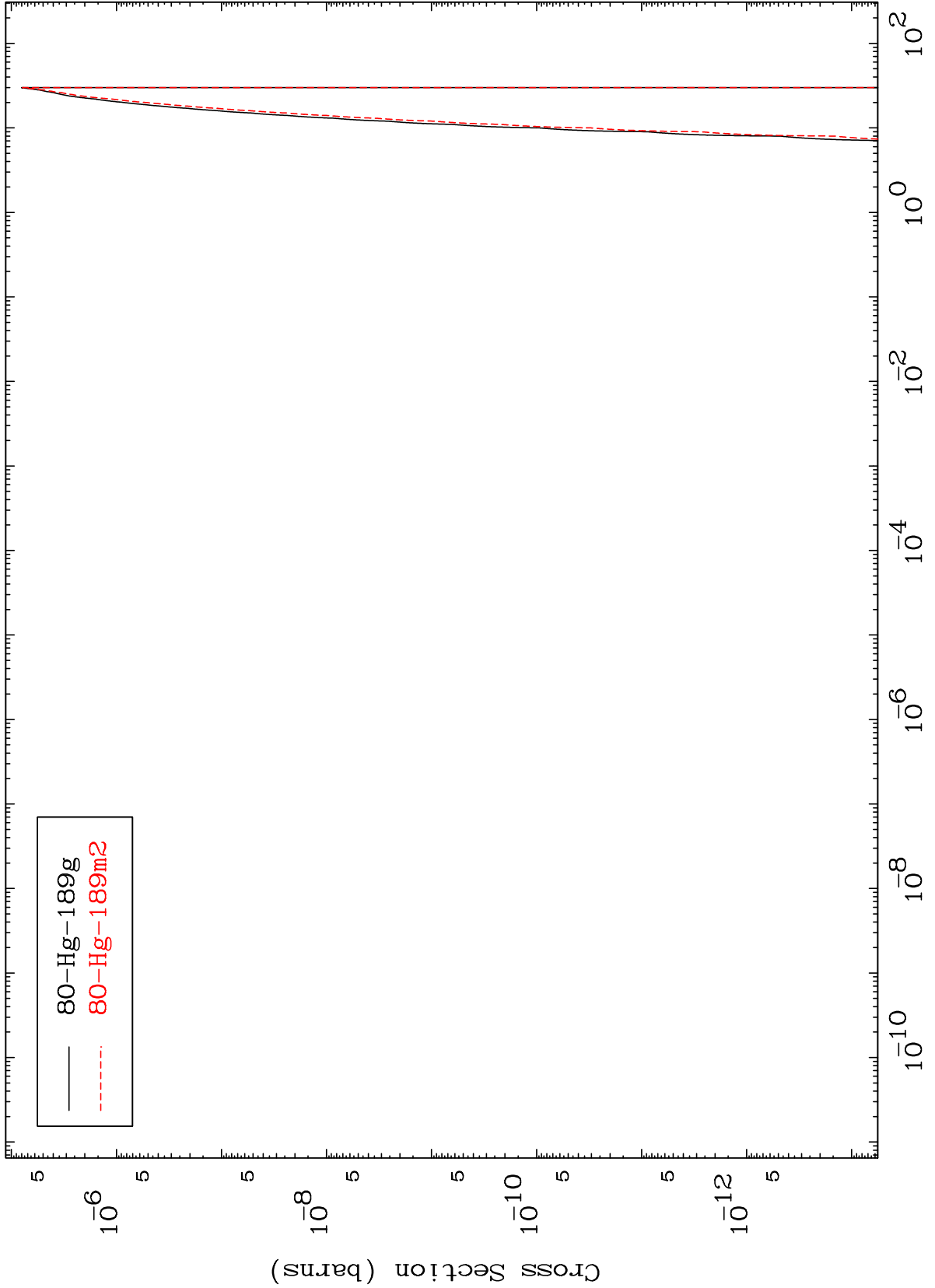


MAT 8286

(p,2 $\alpha$ )

83-Bi-196

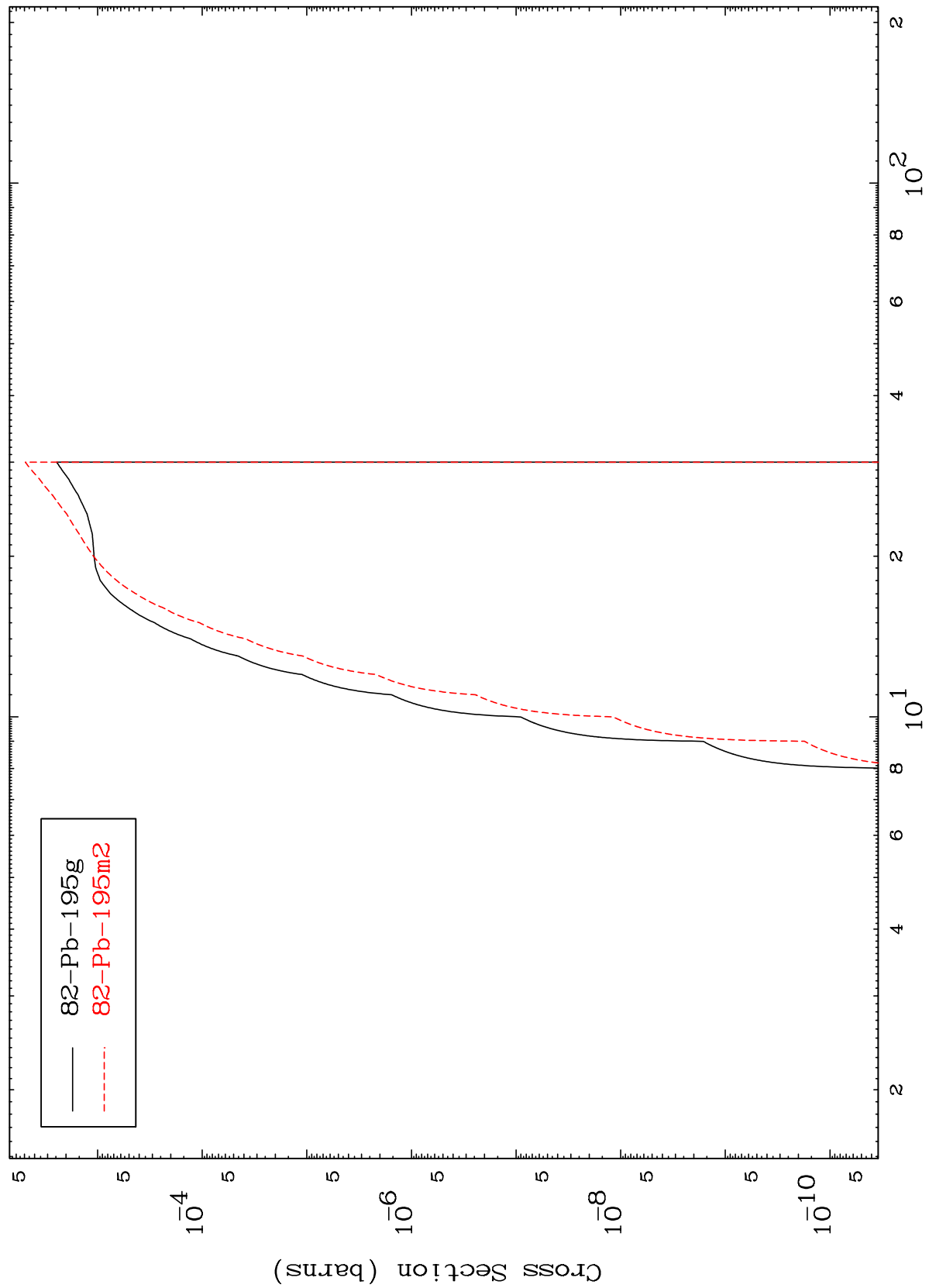
Radionuclide Production Cross Section



MAT 8286

83-Bi-196

(p,2p)  
Radionuclide Production Cross Section



30

83-Bi-196

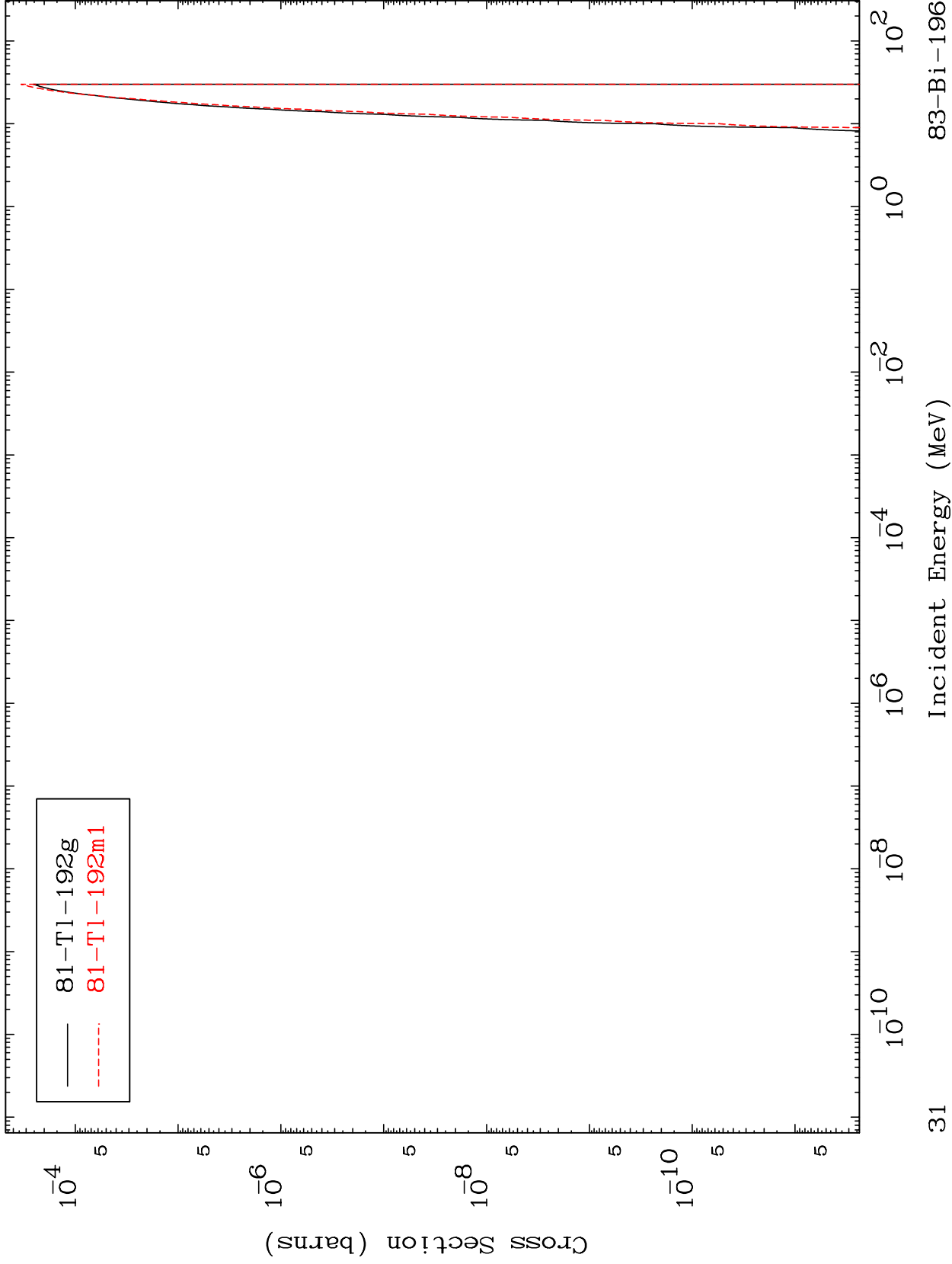
Incident Energy (MeV)

MAT 8286

(p,p)  $\alpha$

83-Bi-196

Radionuclide Production Cross Section



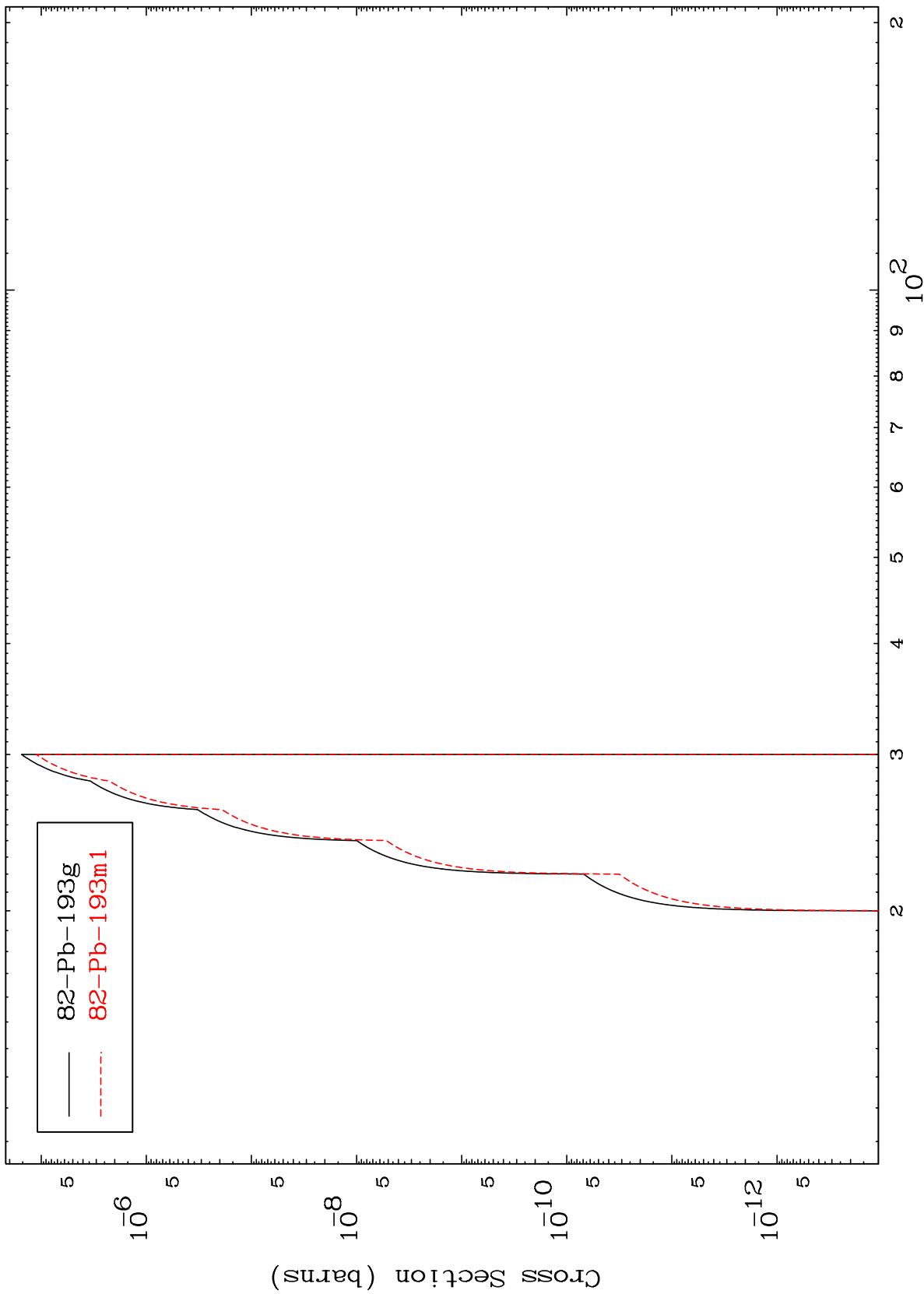


MAT 8286

(p,p) t

83-Bi-196

Radionuclide Production Cross Section



MAT 8286

(p,d)  $\alpha$

83-Bi-196

Radionuclide Production Cross Section

