

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

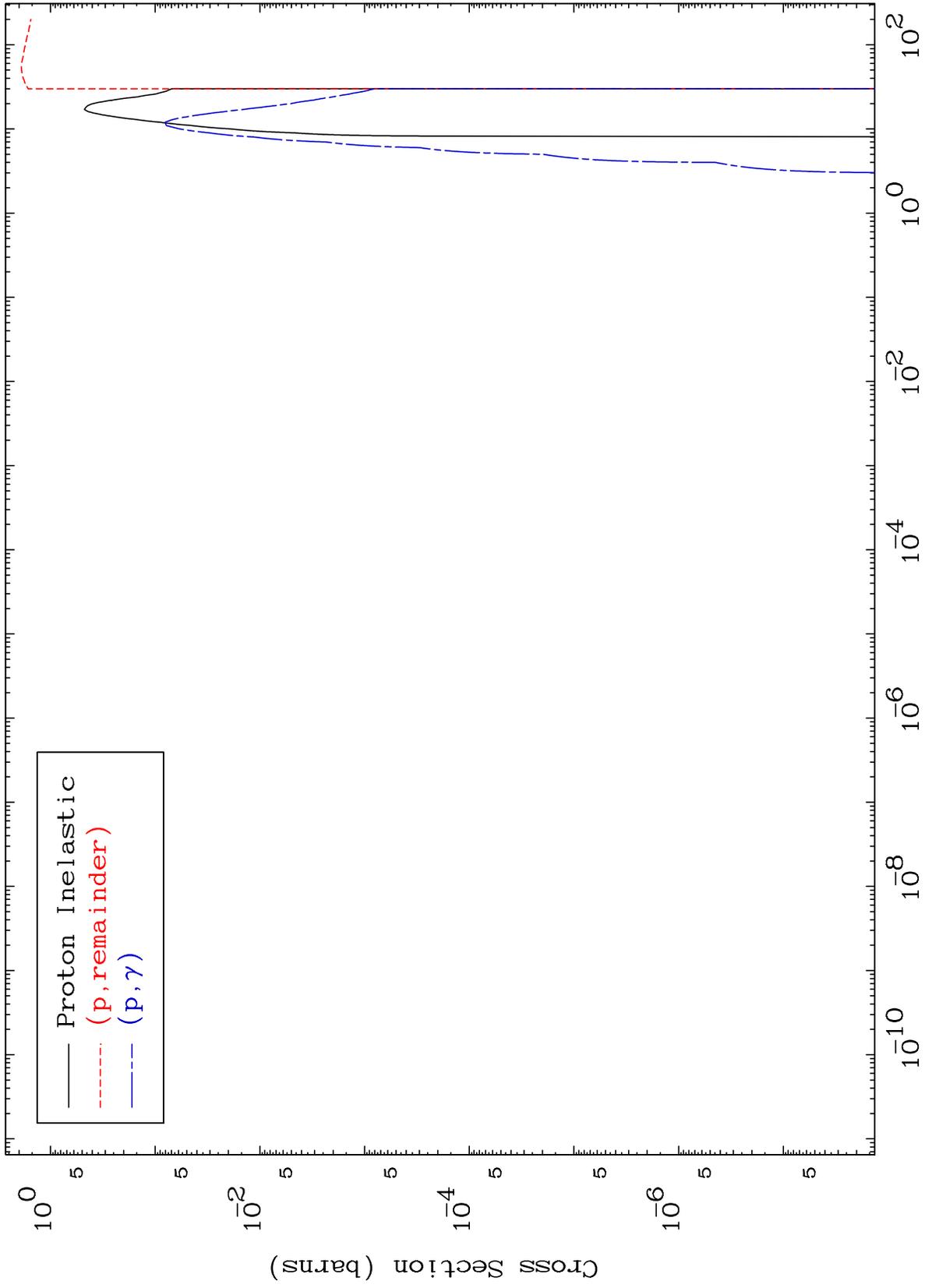
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8278

Proton Major  
0 Kelvin Cross Sections

83-Bi-193



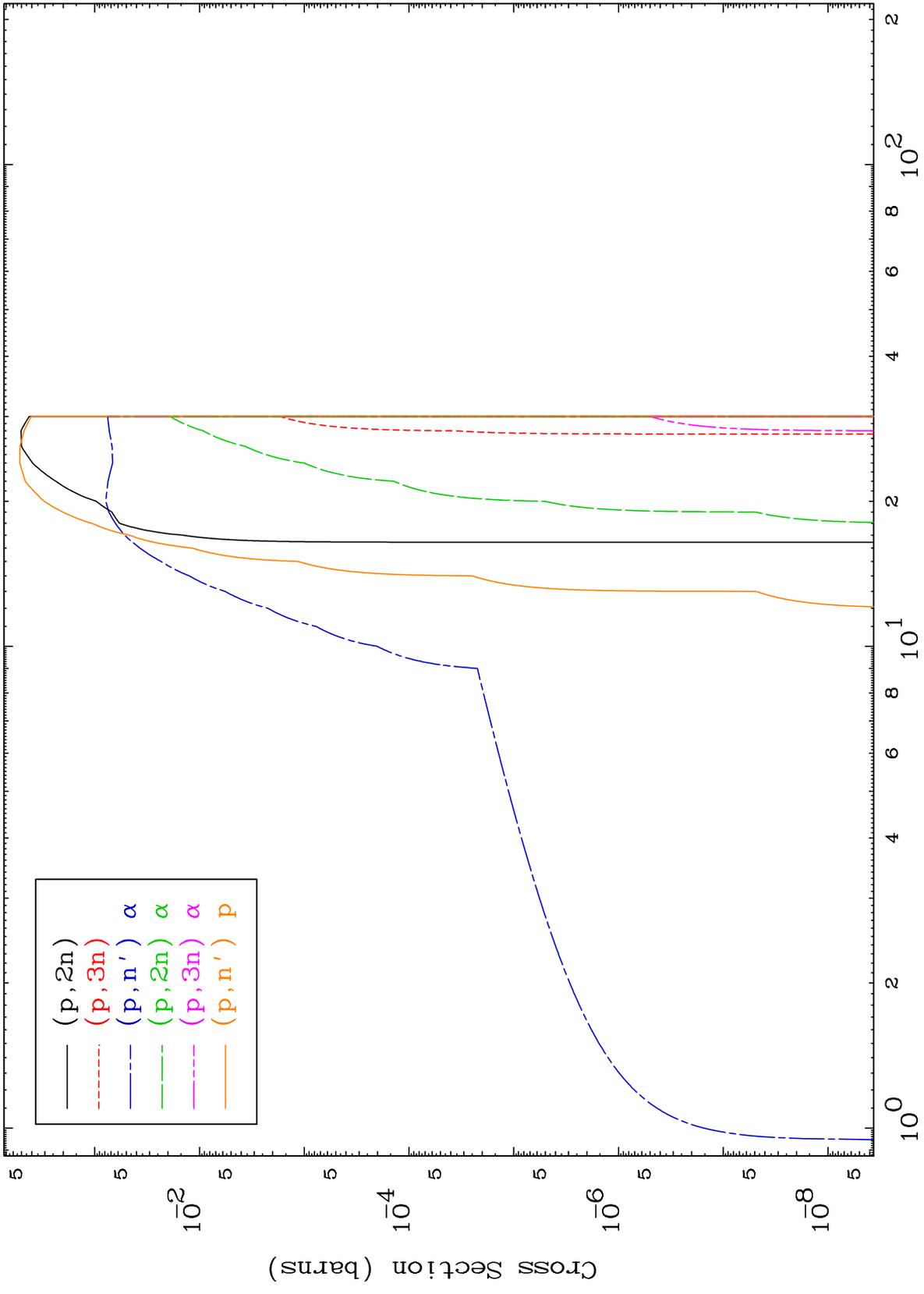
1

83-Bi-193

MAT 8278

Proton Neutron Production  
0 Kelvin Cross Sections

83-Bi-193

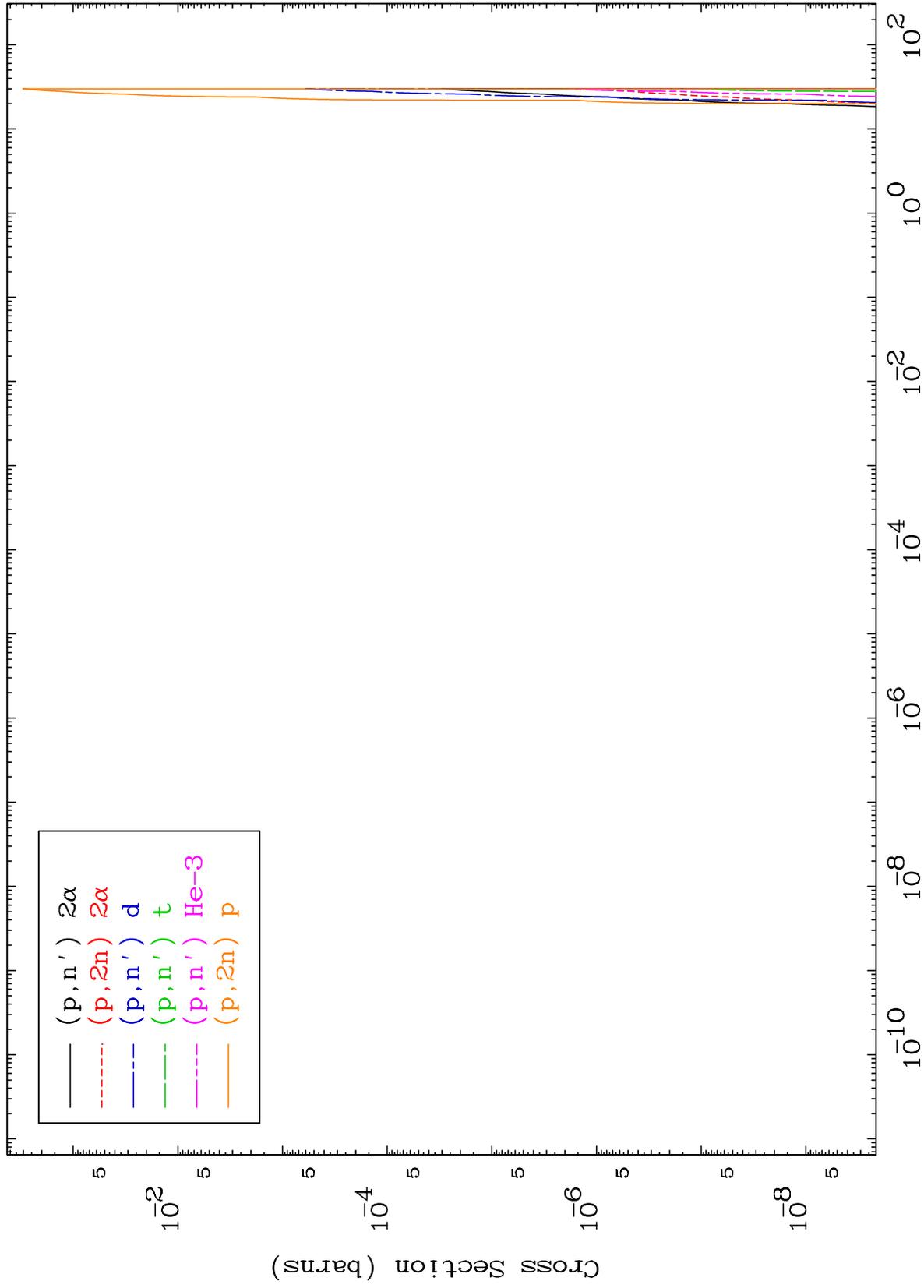


83-Bi-193

MAT 8278

Proton Neutron Production  
0 Kelvin Cross Sections

83-Bi-193



3

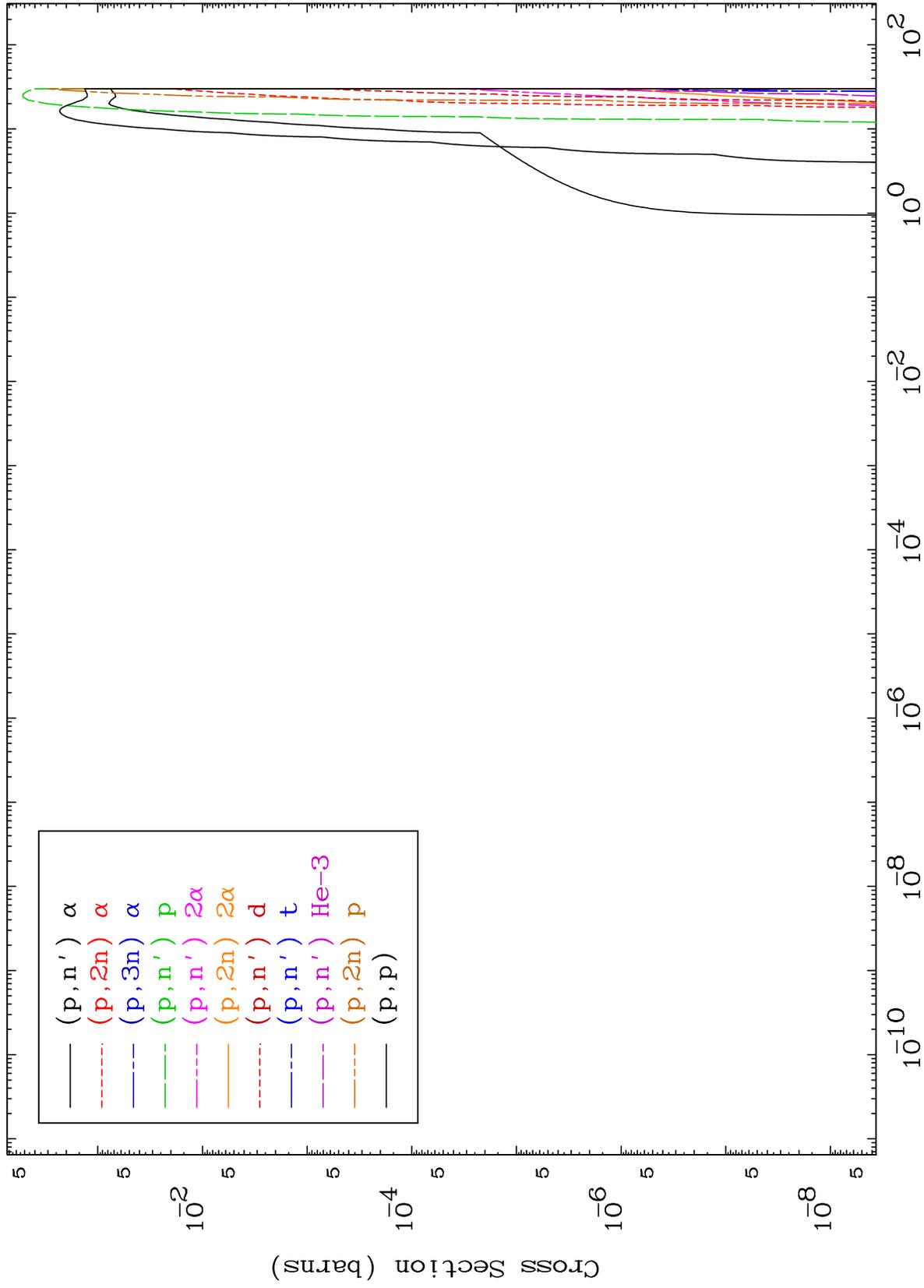
Incident Energy (MeV)

83-Bi-193

MAT 8278

Proton Charged Particle  
0 Kelvin Cross Sections

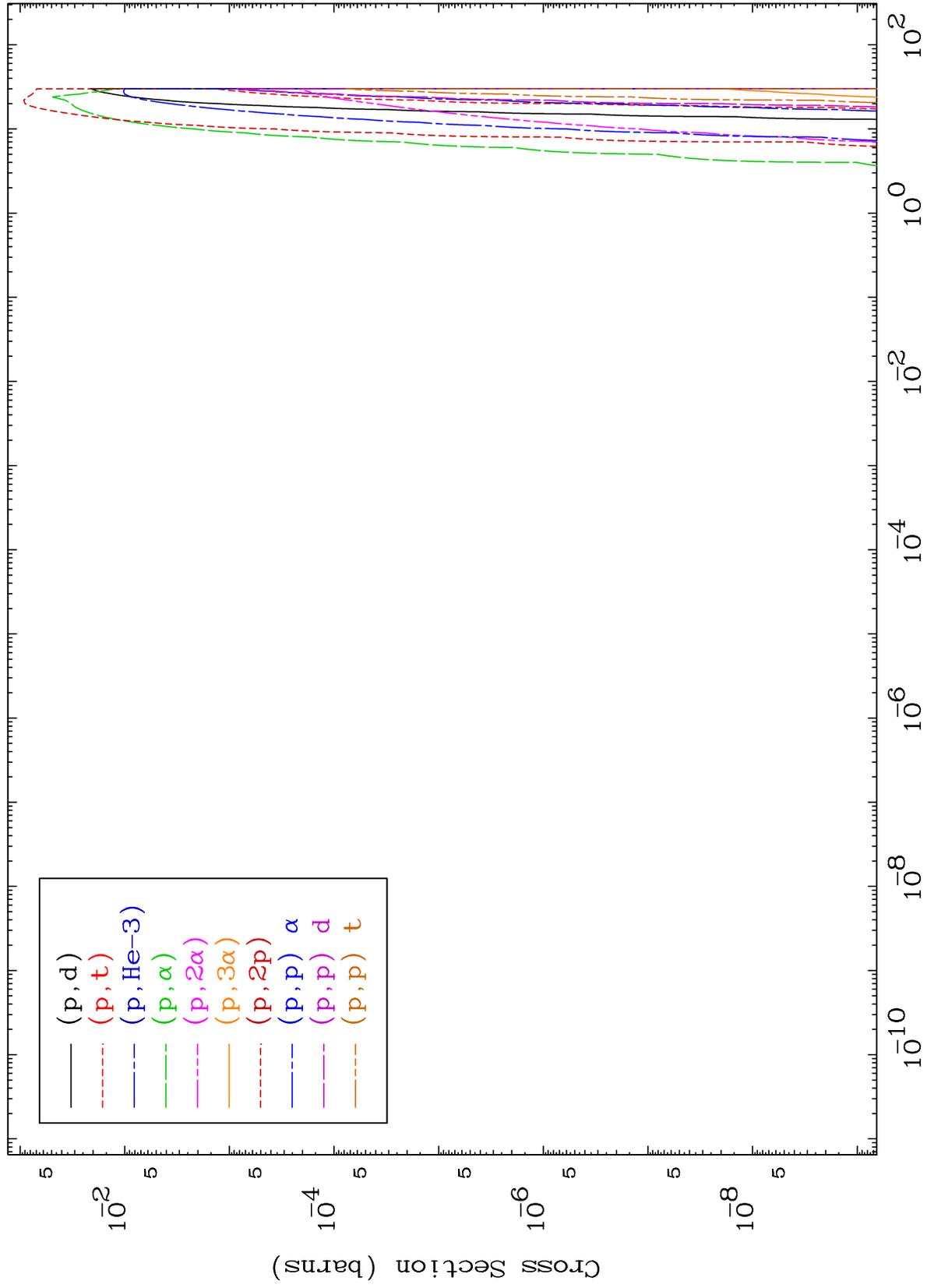
83-Bi-193



MAT 8278

Proton Charged Particle  
0 Kelvin Cross Sections

83-Bi-193



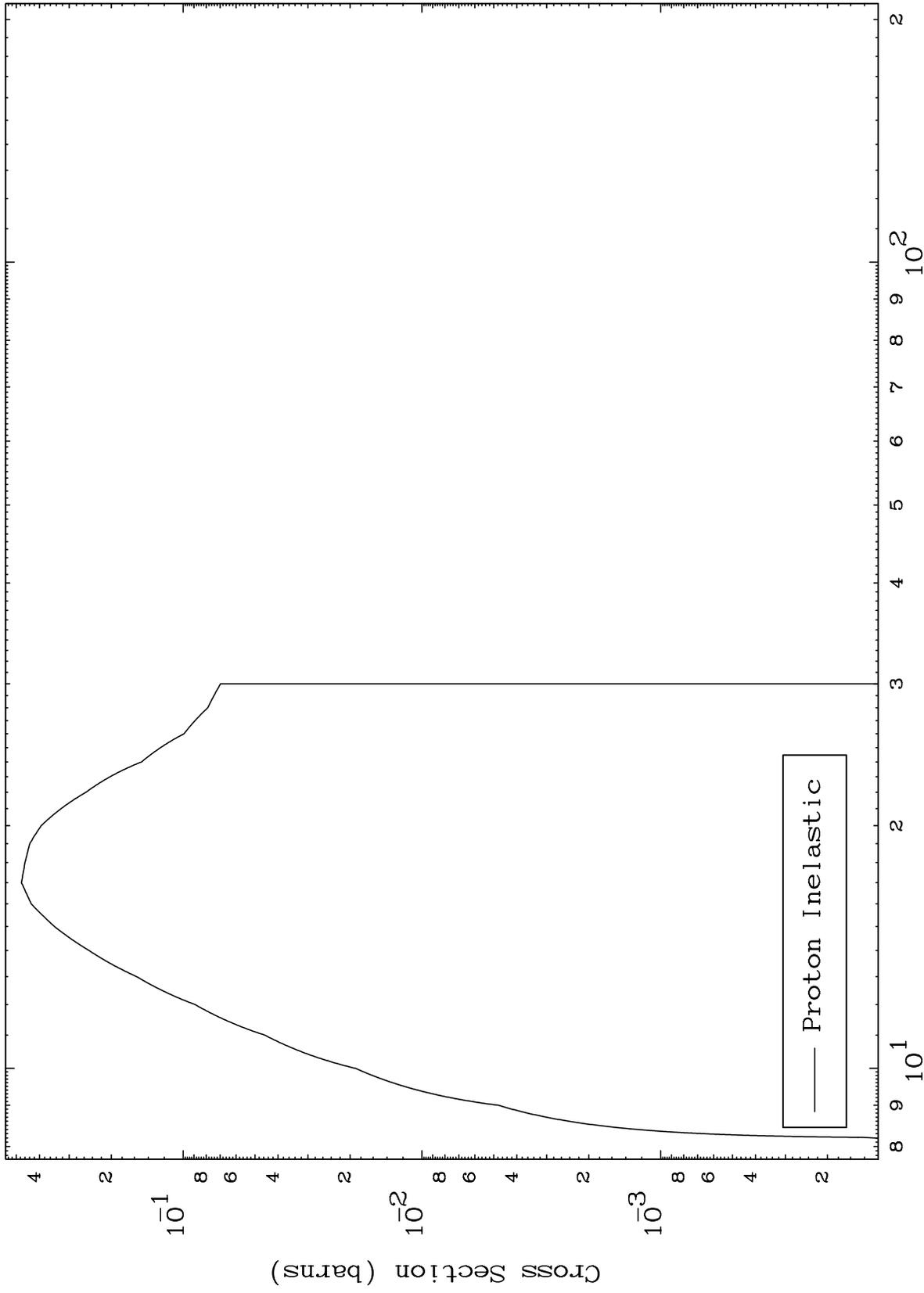
5

83-Bi-193

MAT 8278

(p,n') Level  
0 Kelvin Cross Sections

83-Bi-193



6

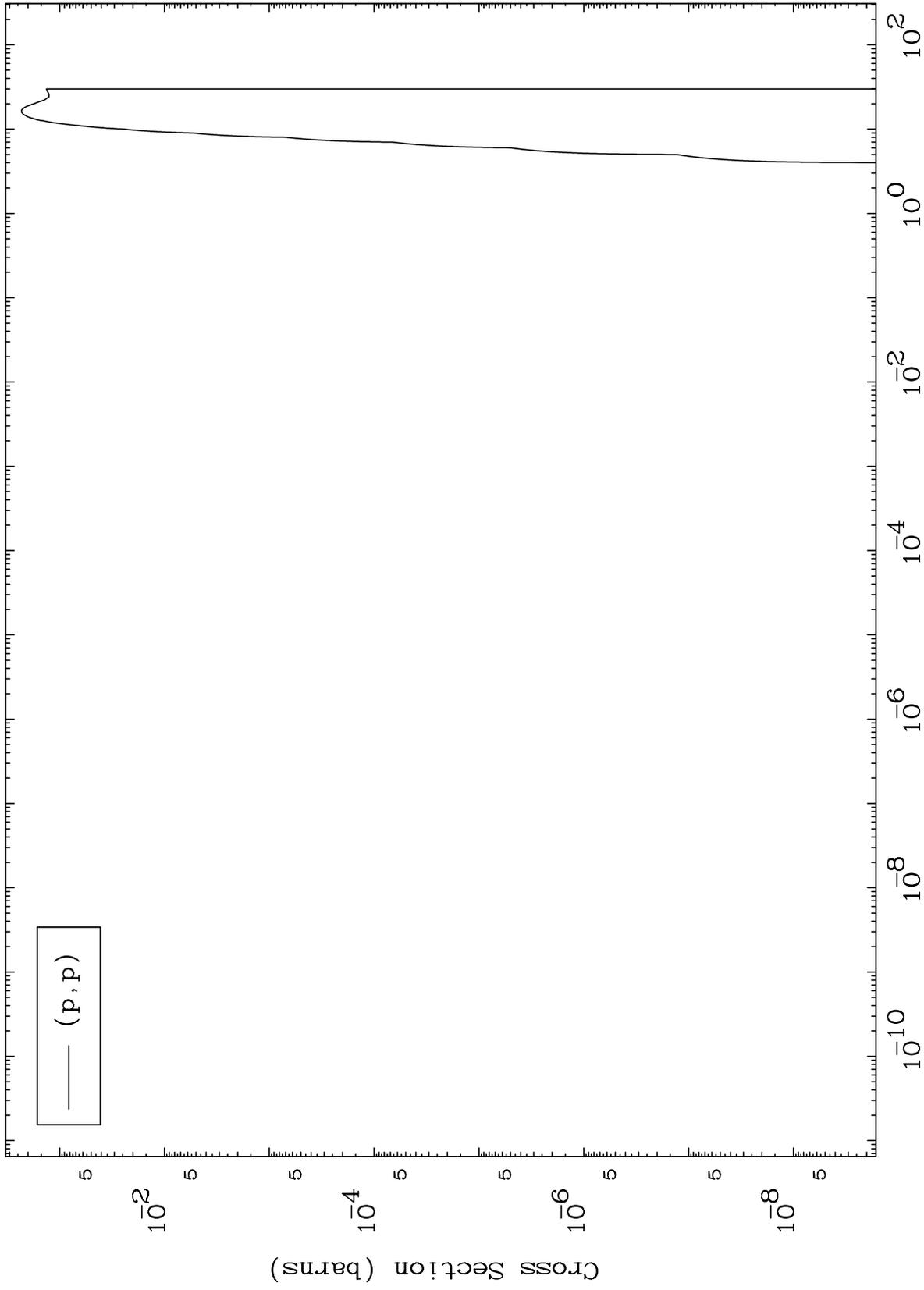
Incident Energy (MeV)

83-Bi-193

MAT 8278

(p,p) Levels  
0 Kelvin Cross Sections

83-Bi-193



7

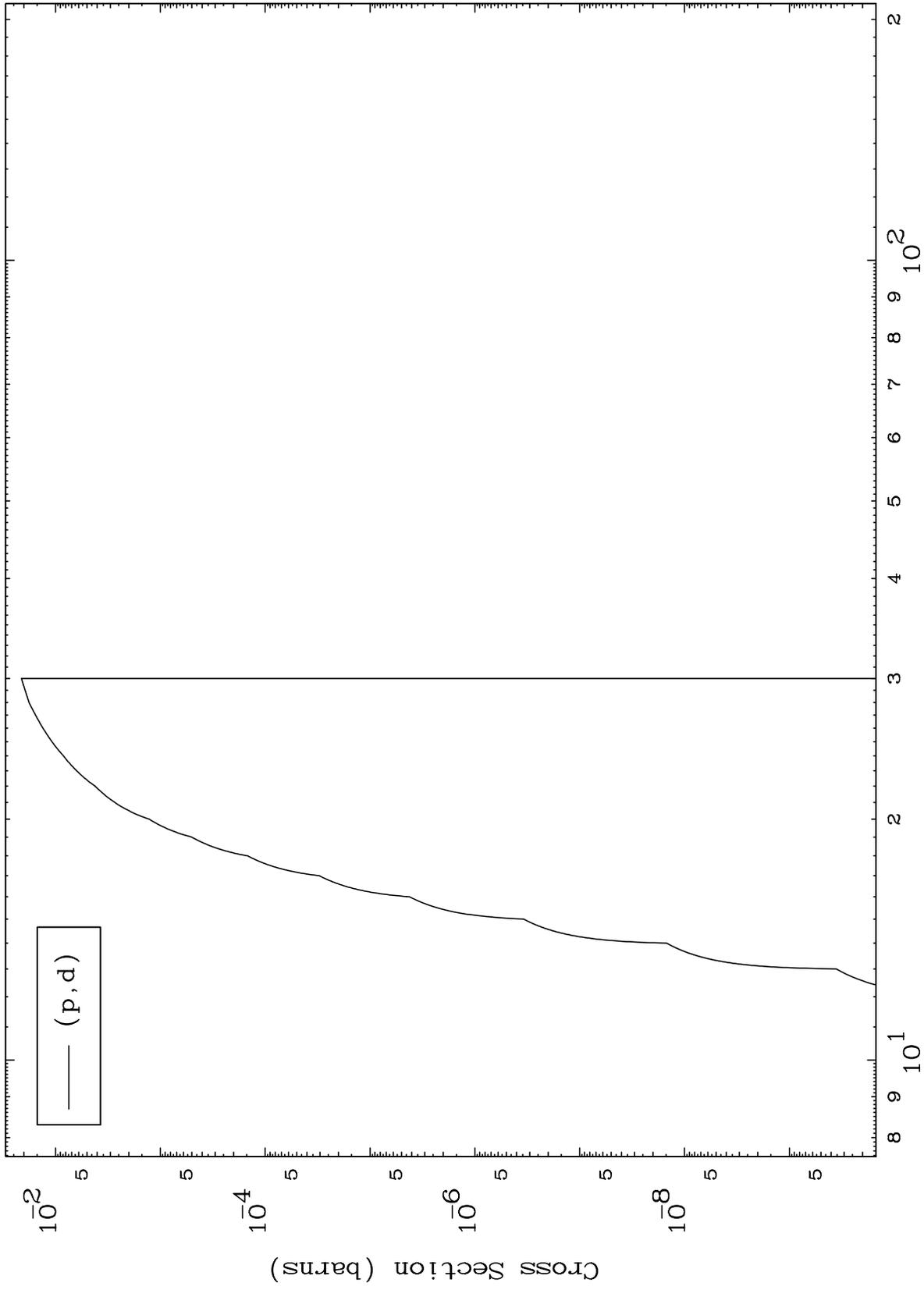
Incident Energy (MeV)

83-Bi-193

MAT 8278

(p,d) Levels  
0 Kelvin Cross Sections

83-Bi-193



8

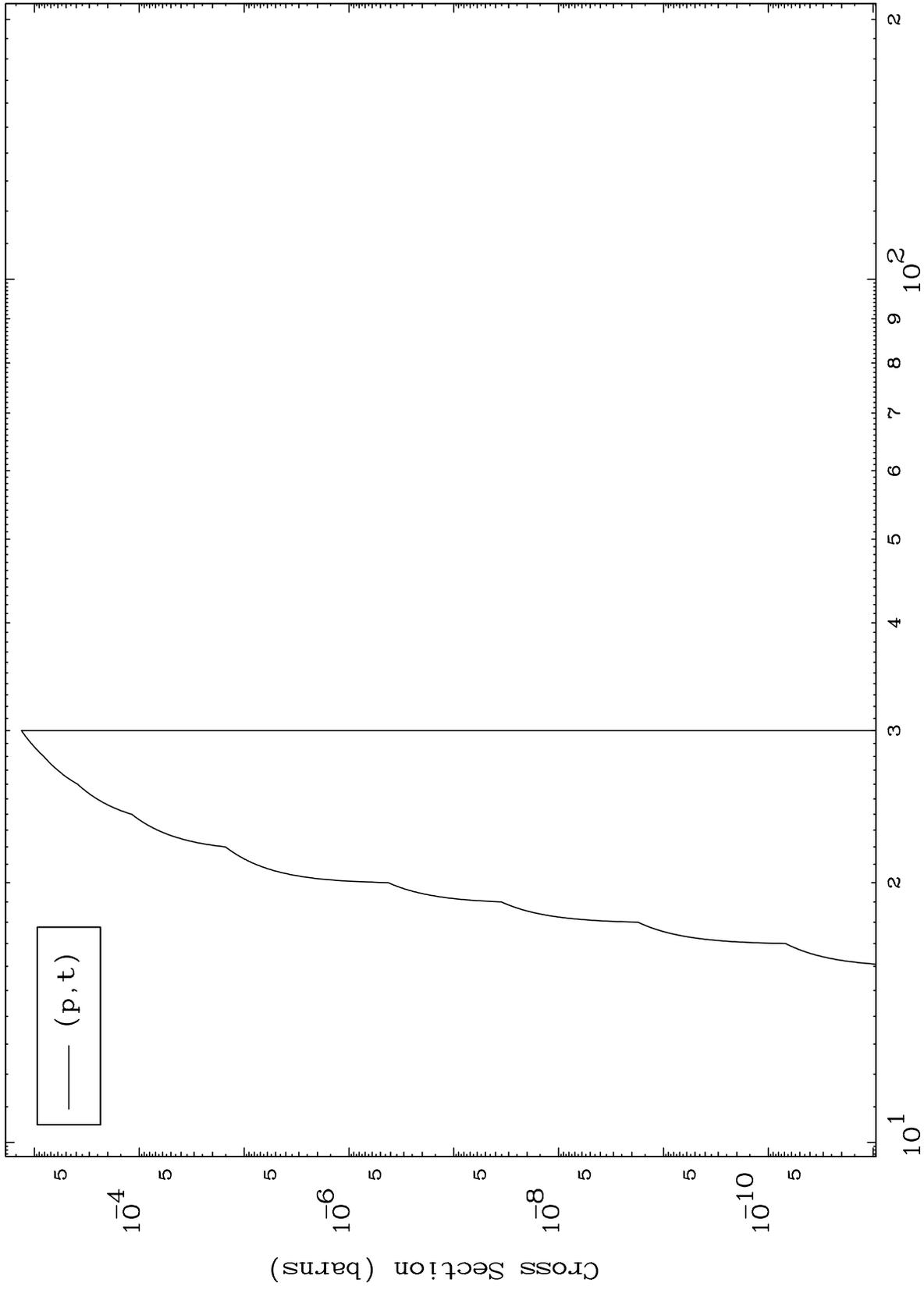
Incident Energy (MeV)

83-Bi-193

MAT 8278

(p,t) Levels  
0 Kelvin Cross Sections

83-Bi-193



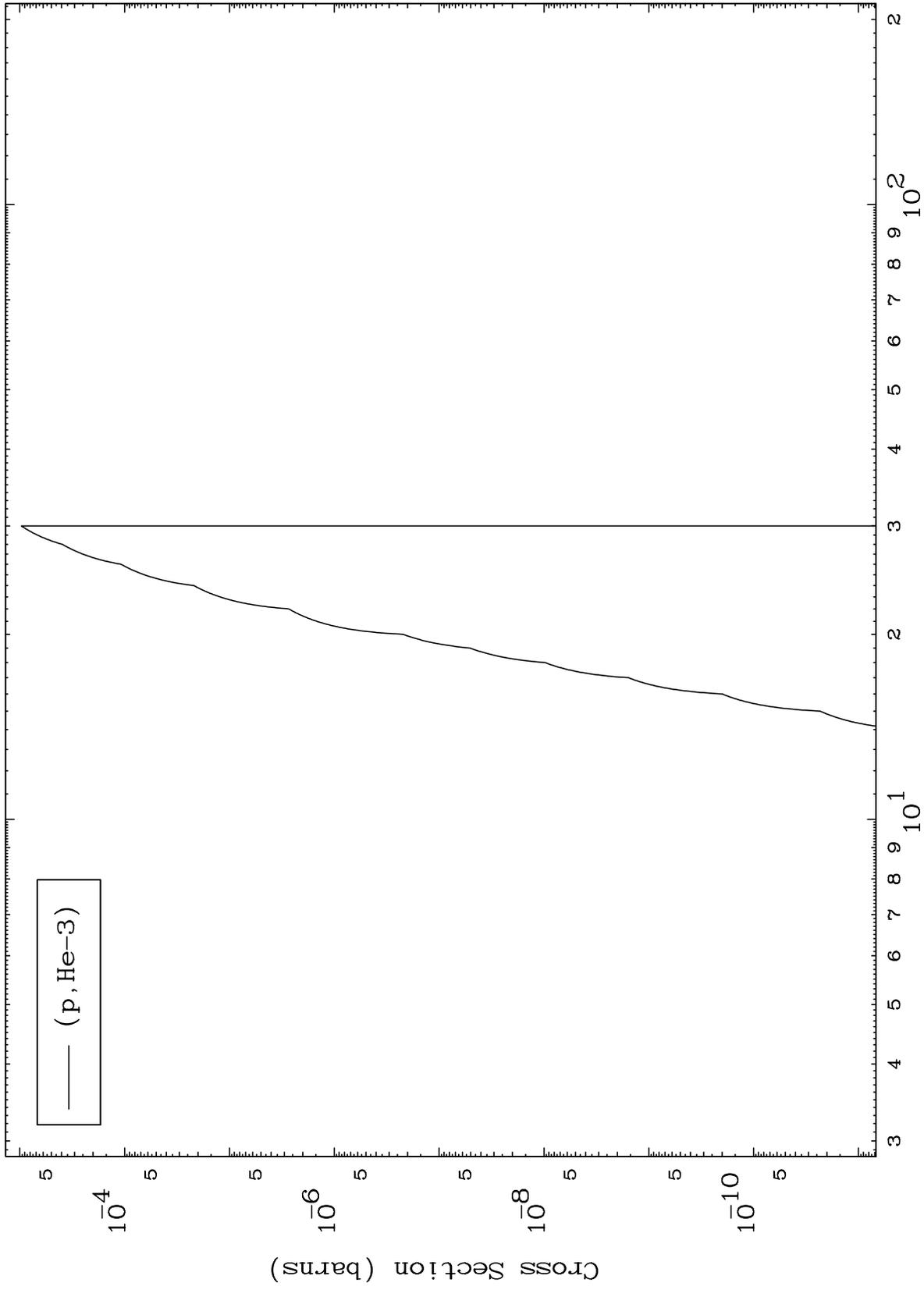
Incident Energy (MeV)

83-Bi-193

MAT 8278

(p,He3) Levels  
0 Kelvin Cross Sections

83-Bi-193



10

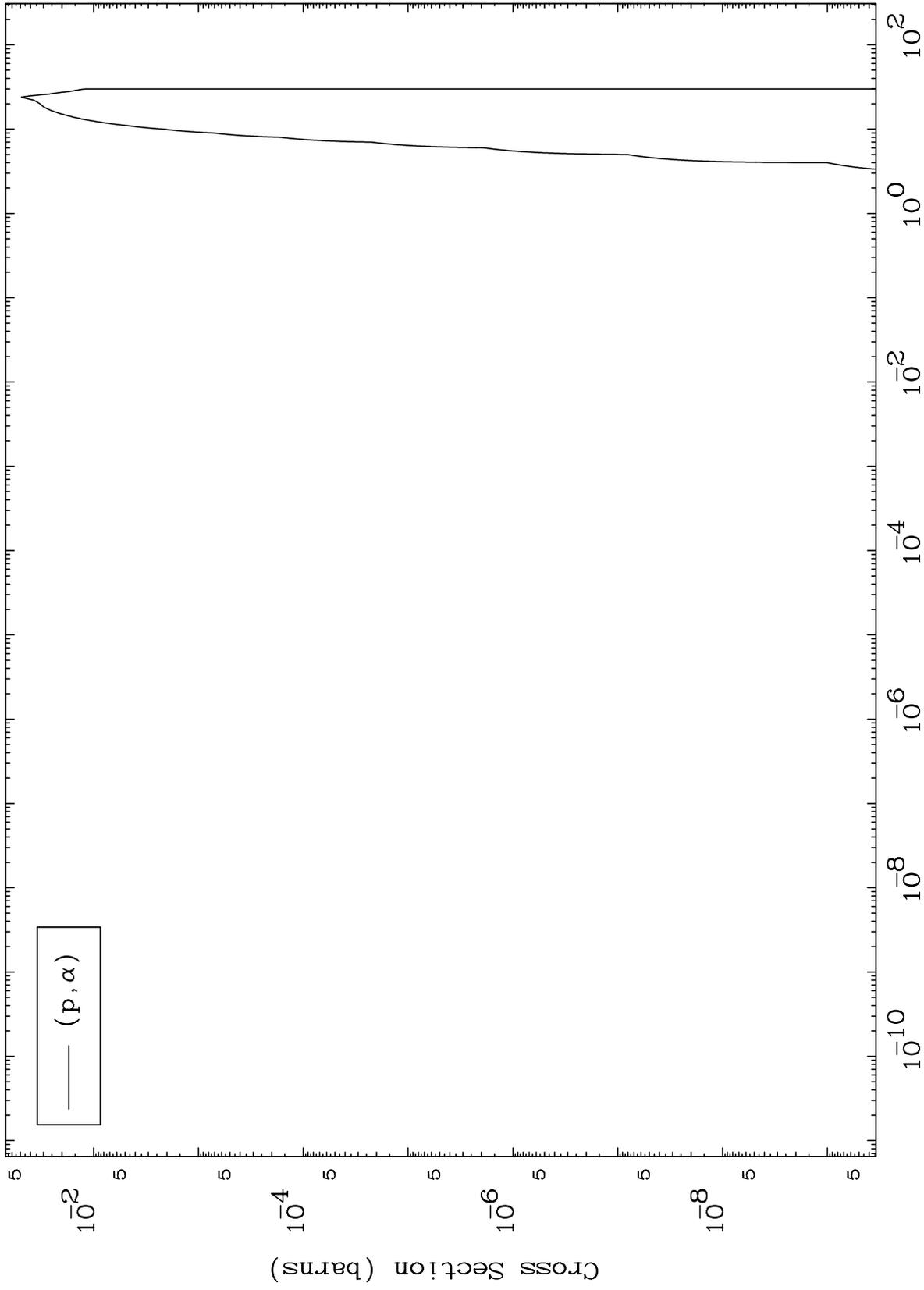
Incident Energy (MeV)

83-Bi-193

MAT 8278

(p,α) Levels  
0 Kelvin Cross Sections

83-Bi-193



11

Incident Energy (MeV)

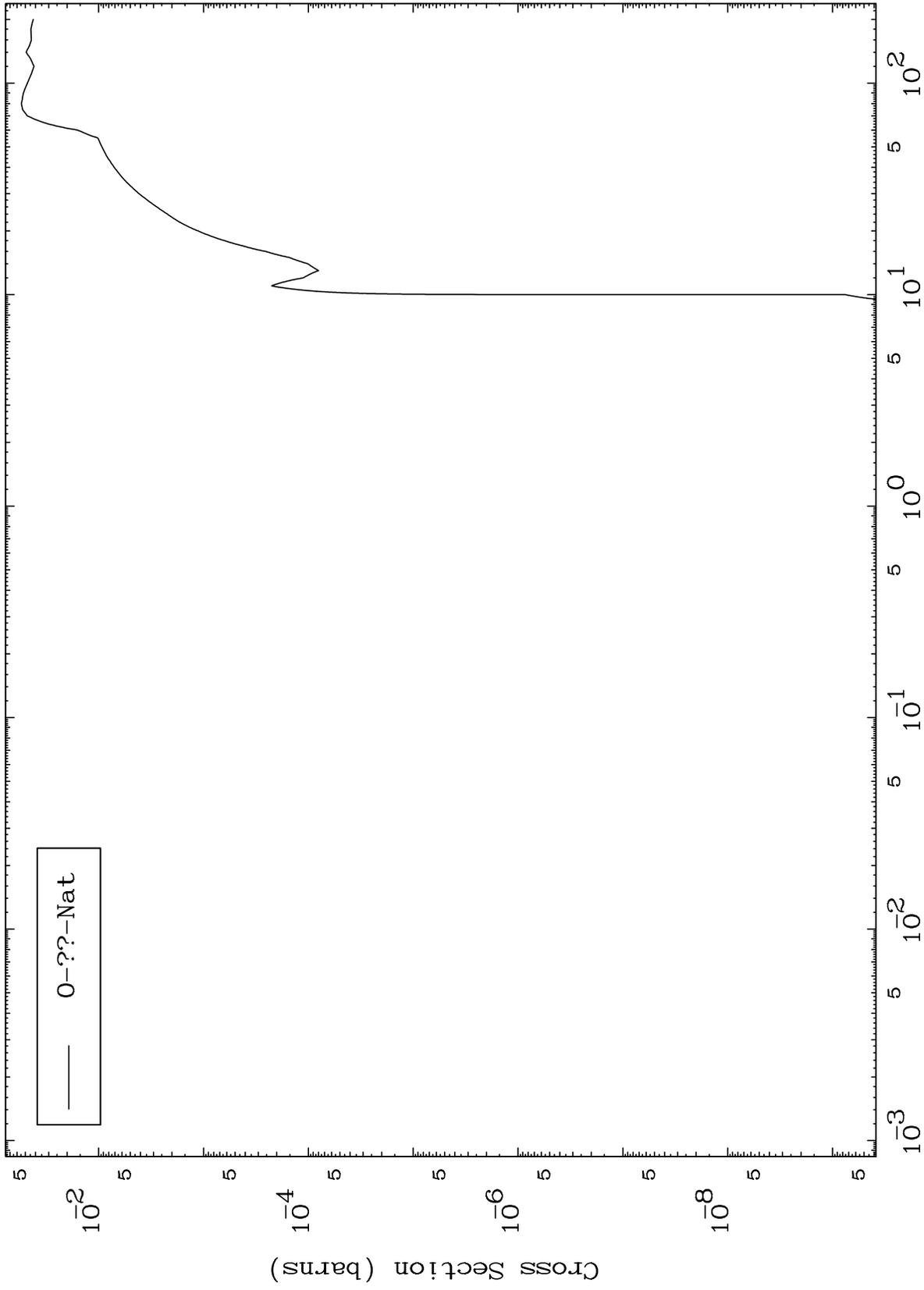
83-Bi-193

MAT 8278

Proton Fission

83-Bi-193

Radionuclide Production Cross Section



12

Incident Energy (MeV)

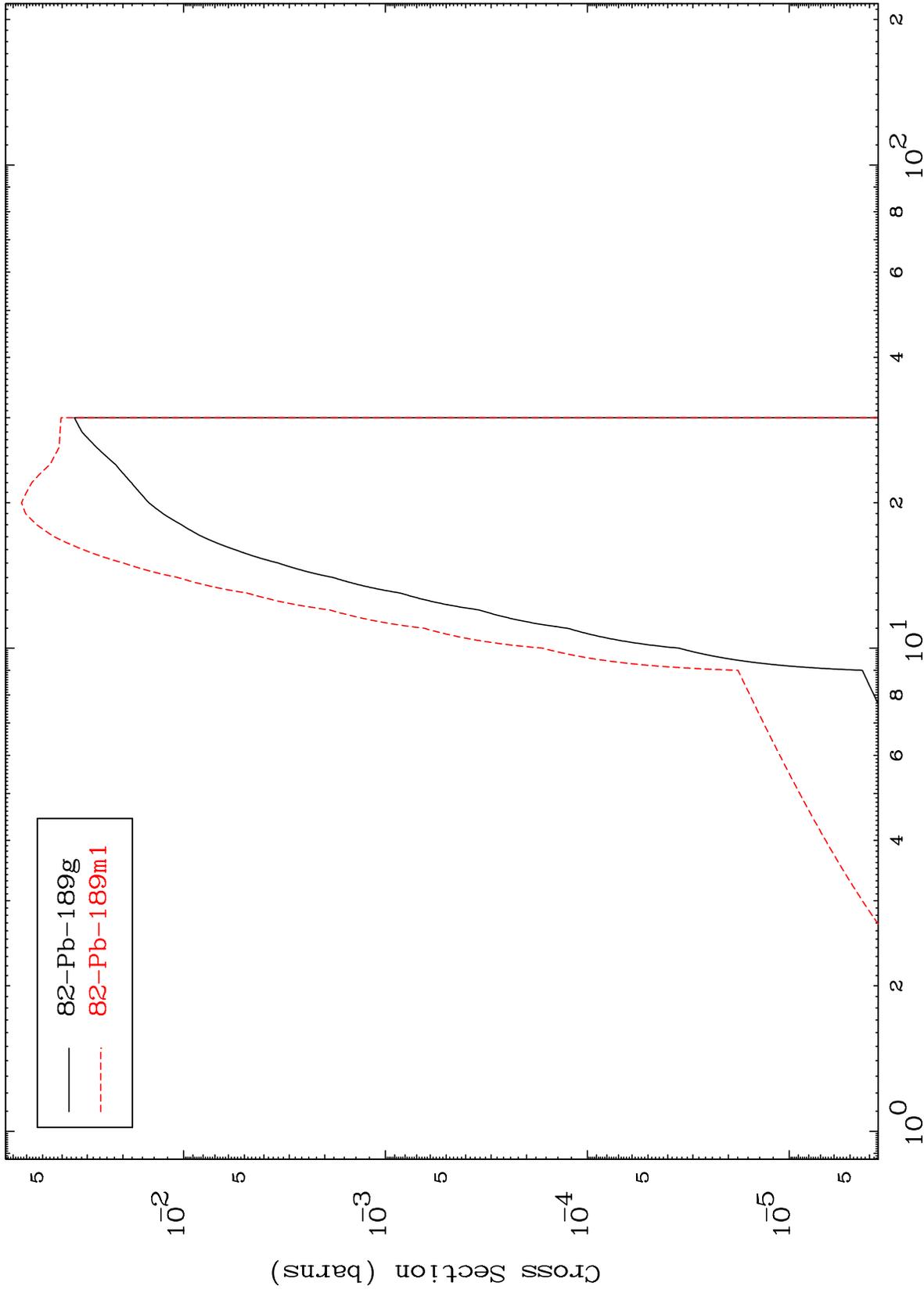
83-Bi-193

MAT 8278

(p,n')  $\alpha$

83-Bi-193

Radionuclide Production Cross Section



13

Incident Energy (MeV)

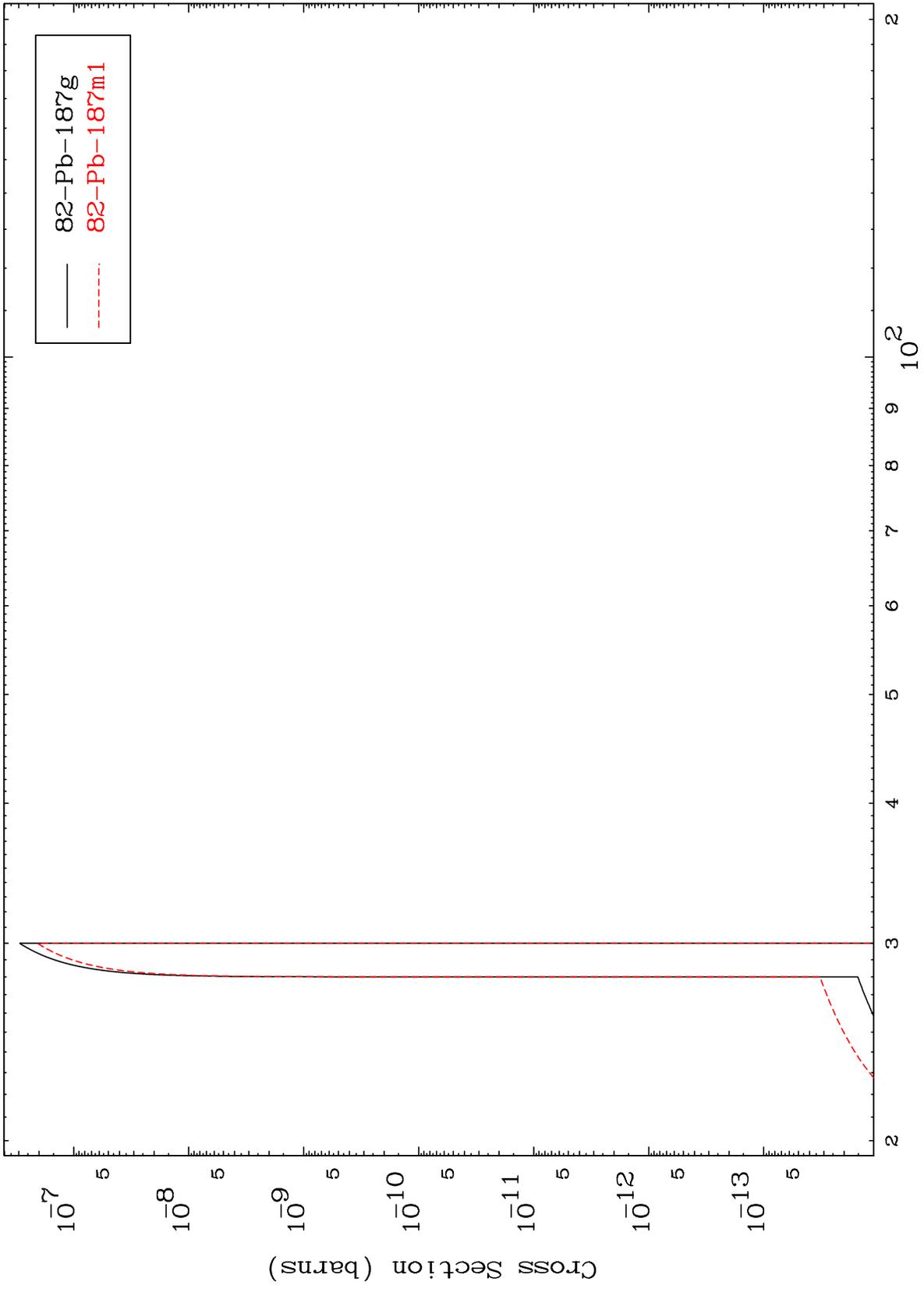
83-Bi-193

MAT 8278

(p,3n)  $\alpha$

83-Bi-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

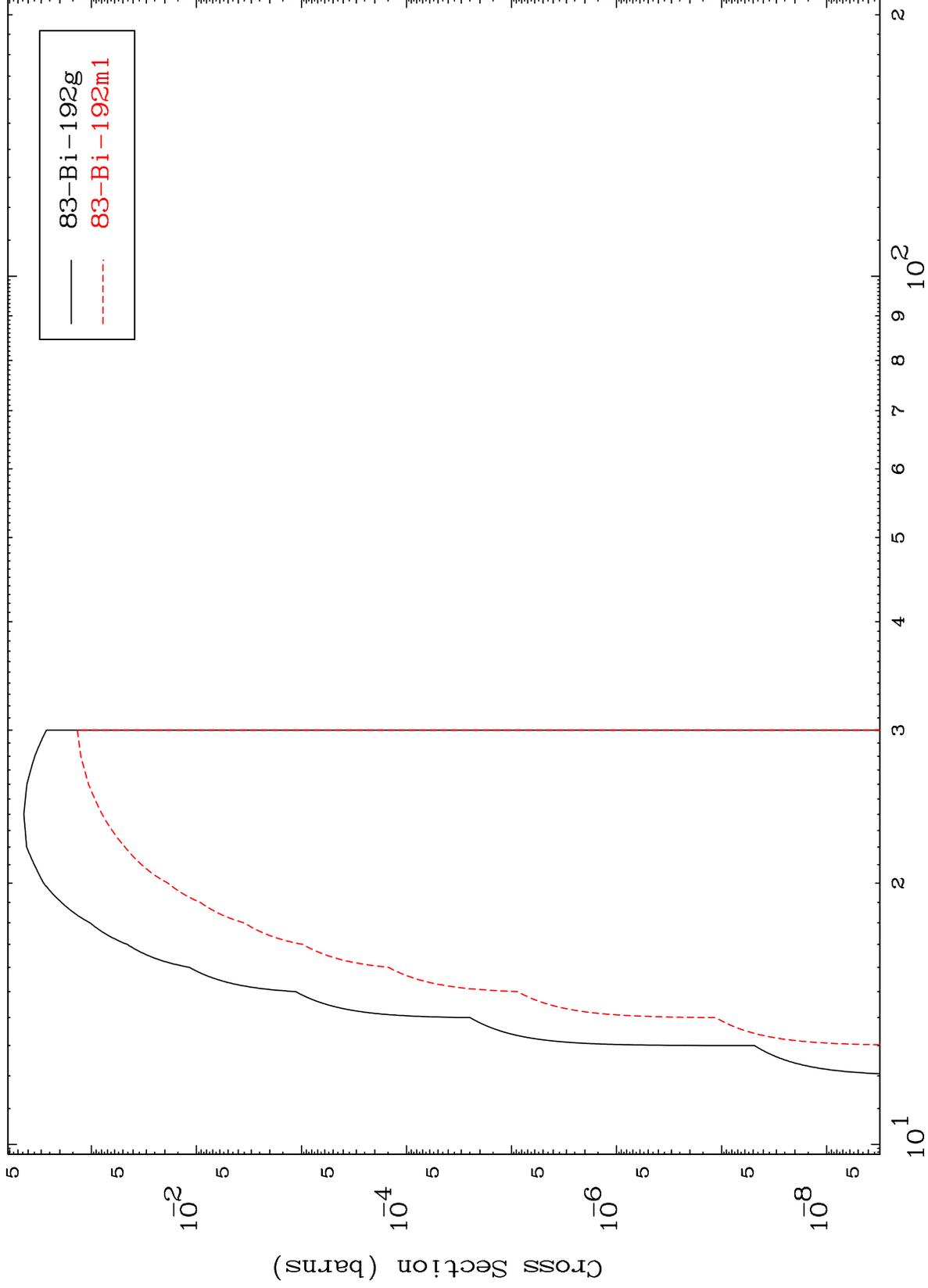
83-Bi-193

MAT 8278

(p,n') p

83-Bi-193

Radionuclide Production Cross Section



Incident Energy (MeV)

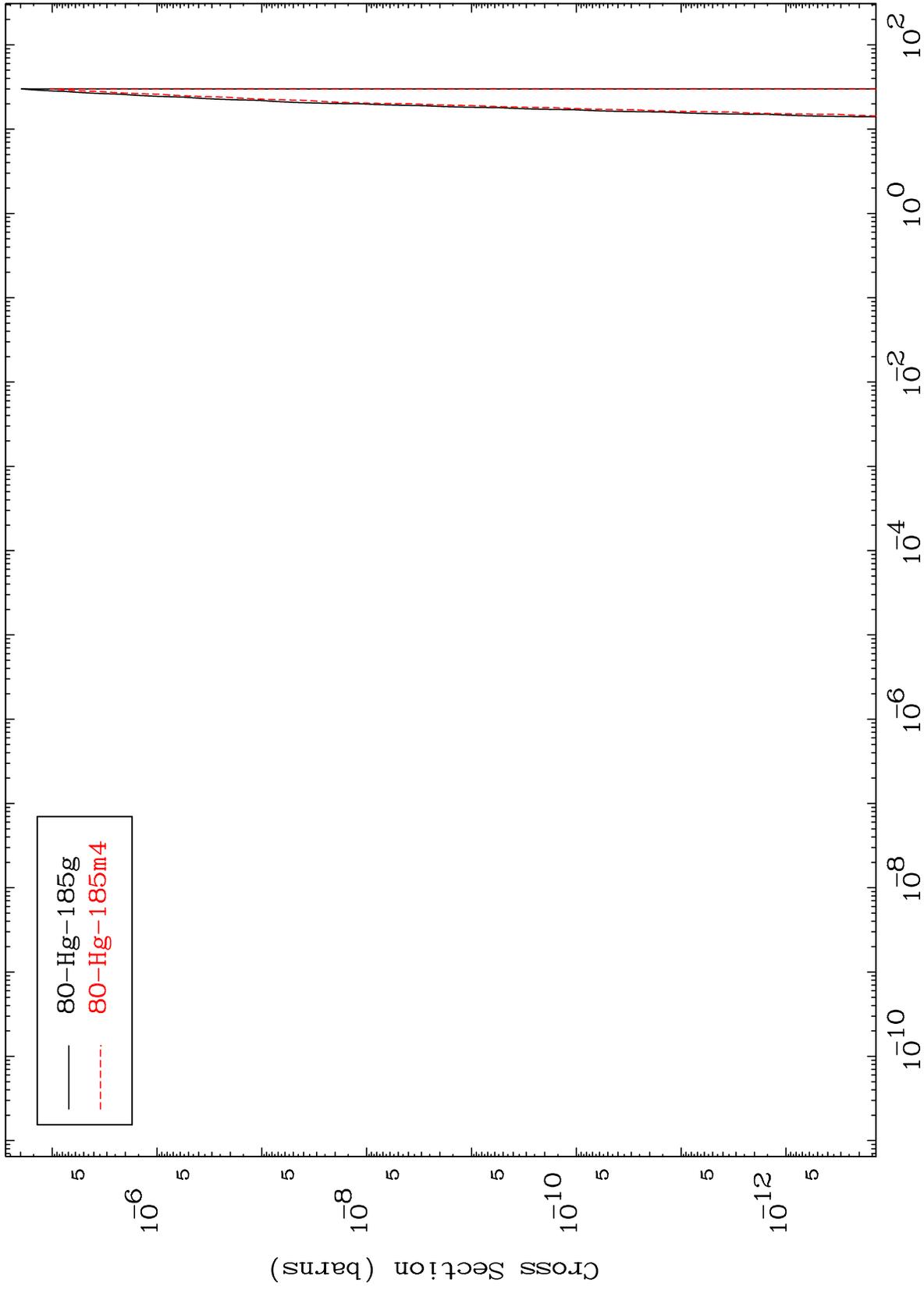
83-Bi-193

MAT 8278

(p,n') 2 $\alpha$

83-Bi-193

Radionuclide Production Cross Section



16

Incident Energy (MeV)

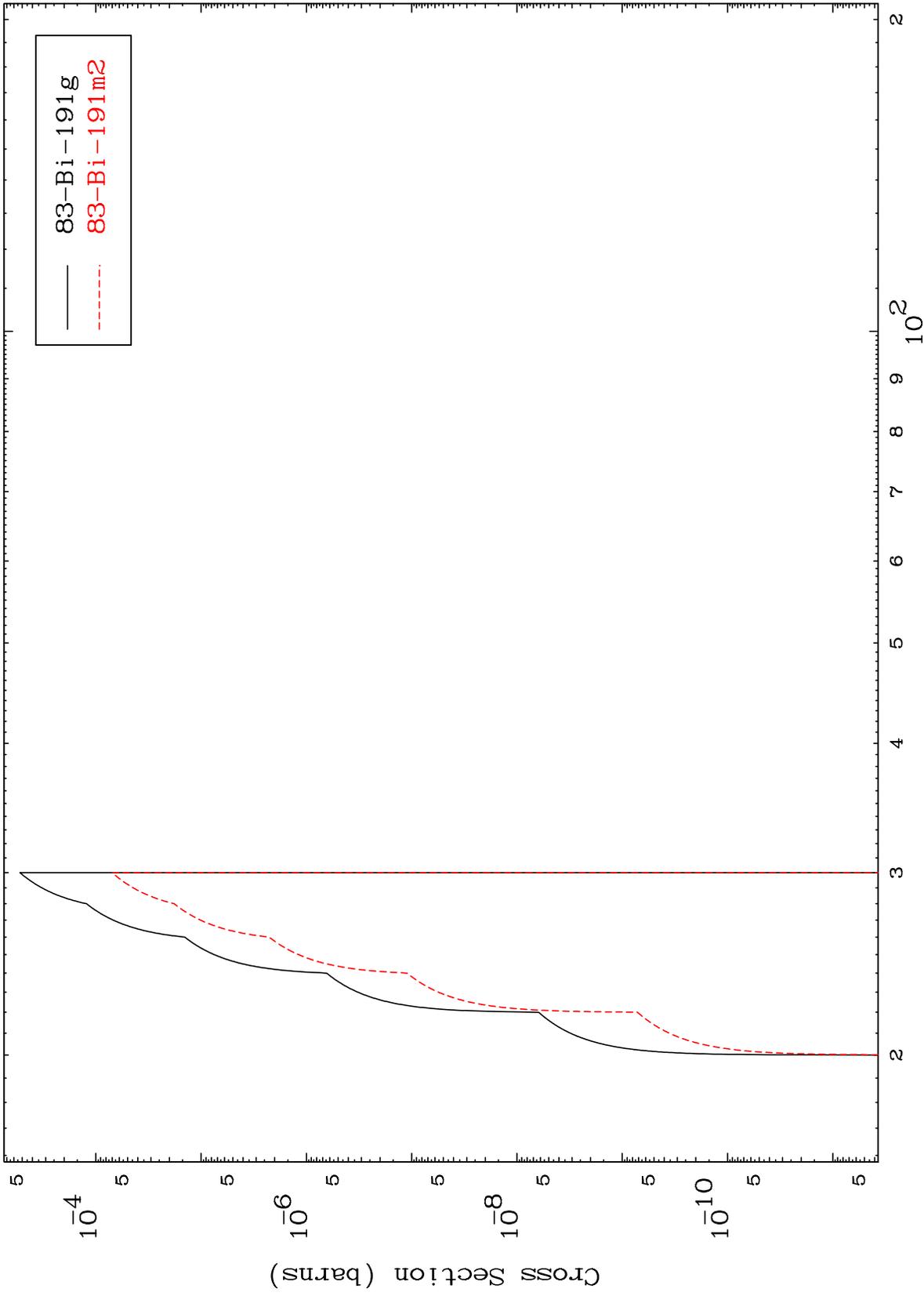
83-Bi-193

MAT 8278

(p,n') d

<sup>83</sup>Bi-193

Radionuclide Production Cross Section



17

Incident Energy (MeV)

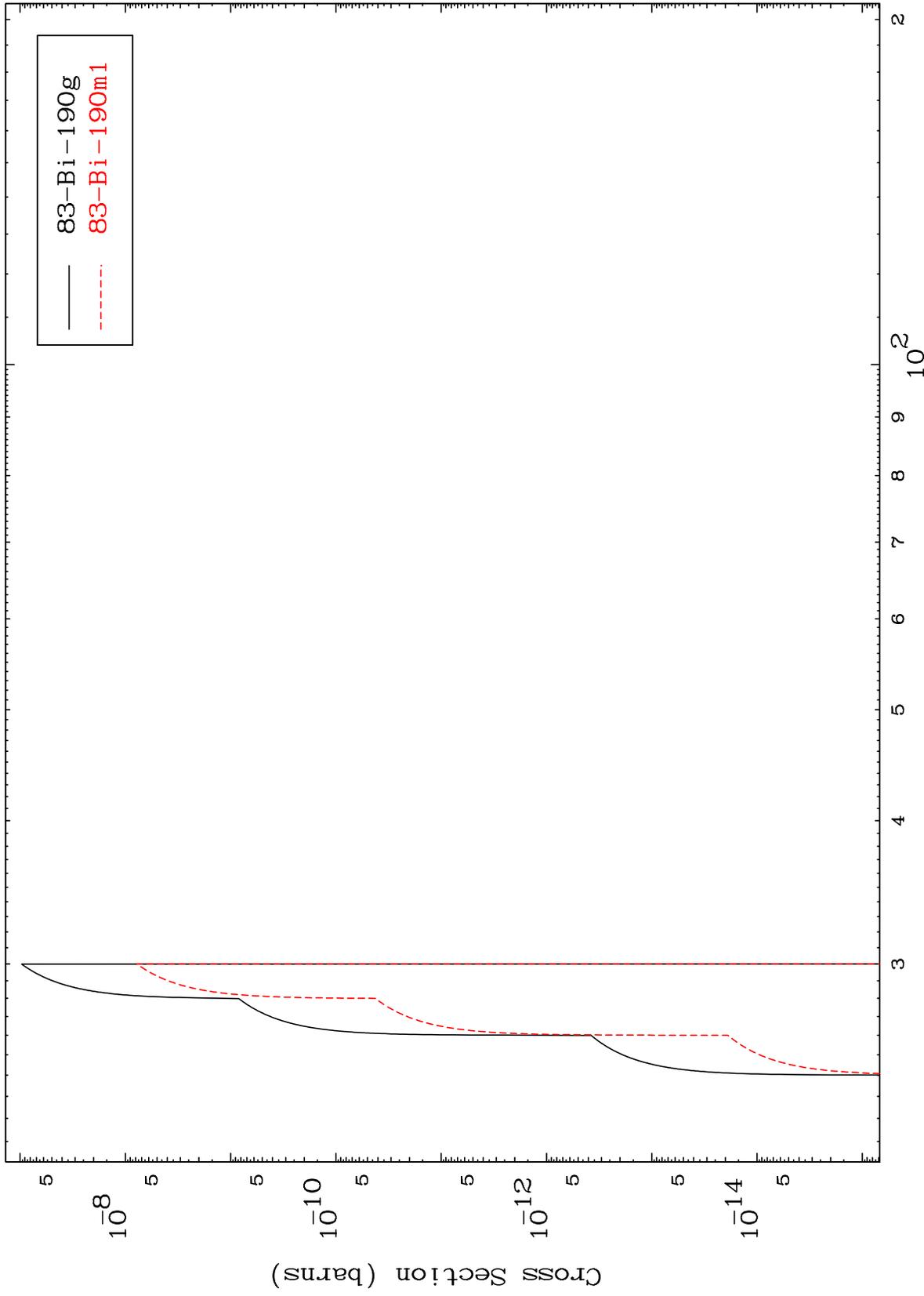
<sup>83</sup>Bi-193

MAT 8278

(p,n') t

<sup>83</sup>Bi-193

Radionuclide Production Cross Section



18

Incident Energy (MeV)

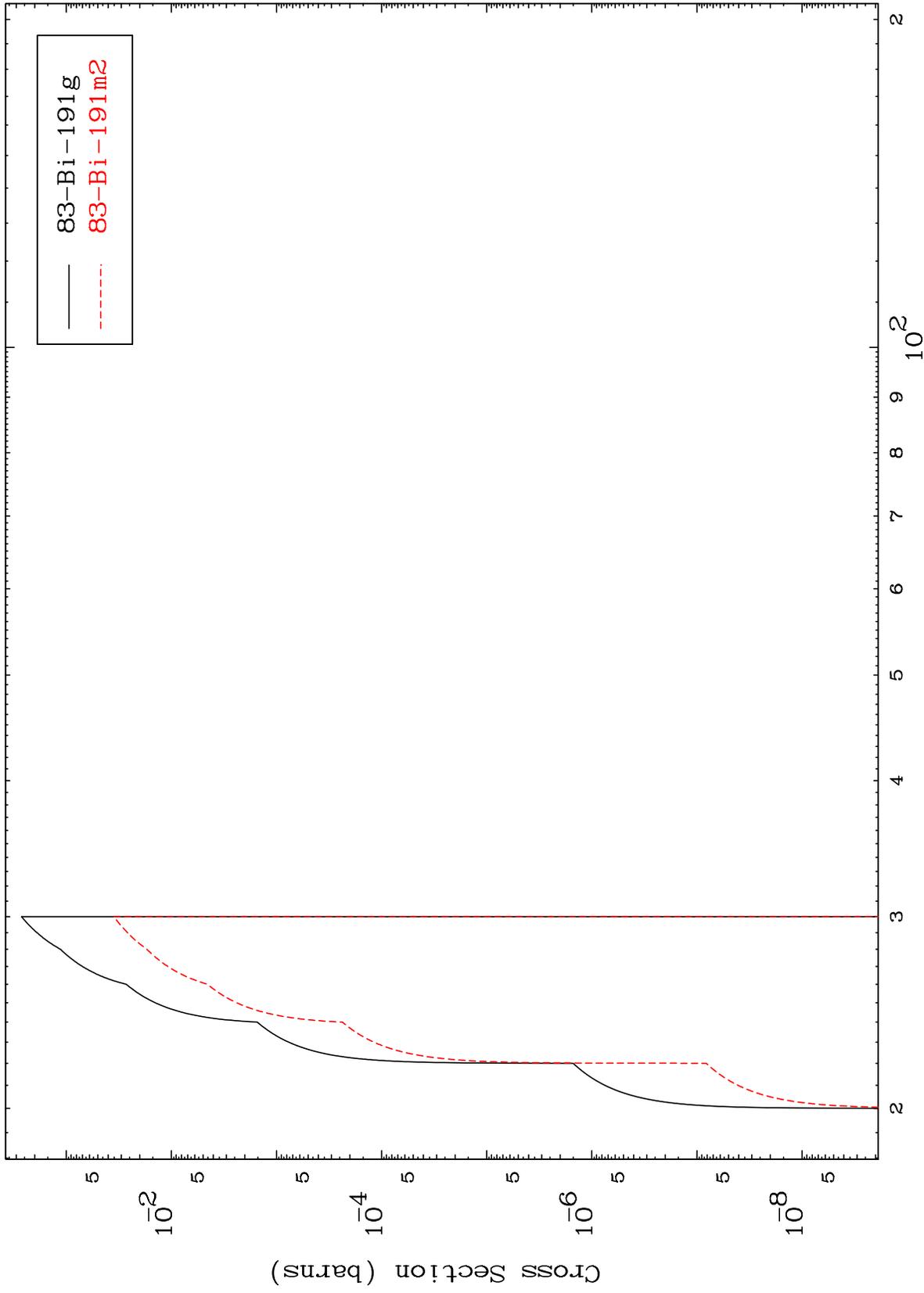
<sup>83</sup>Bi-193

MAT 8278

(p,2n) p

83-Bi-193

Radionuclide Production Cross Section



19

Incident Energy (MeV)

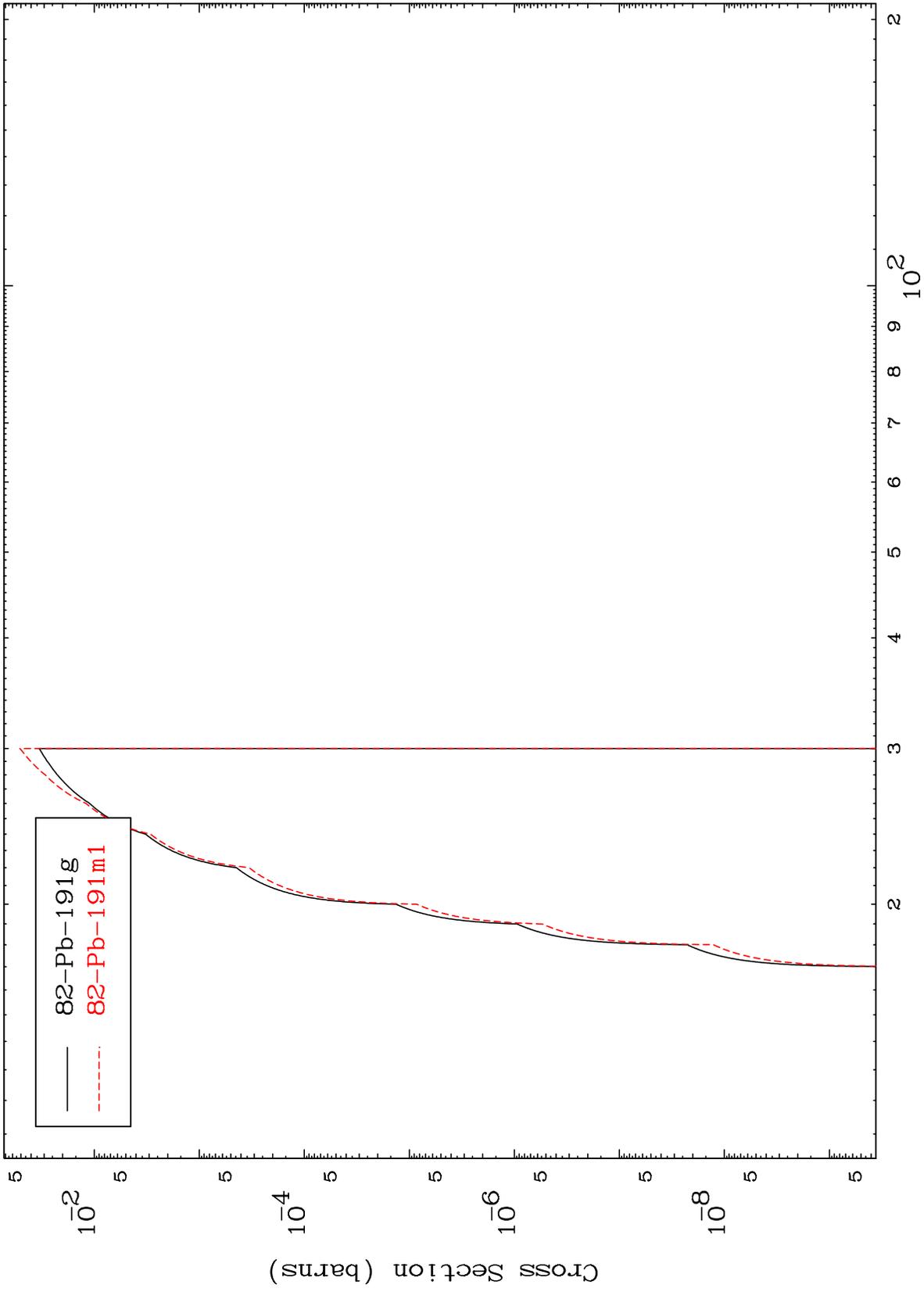
83-Bi-193

MAT 8278

(p,2n) p

83-Bi-193

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

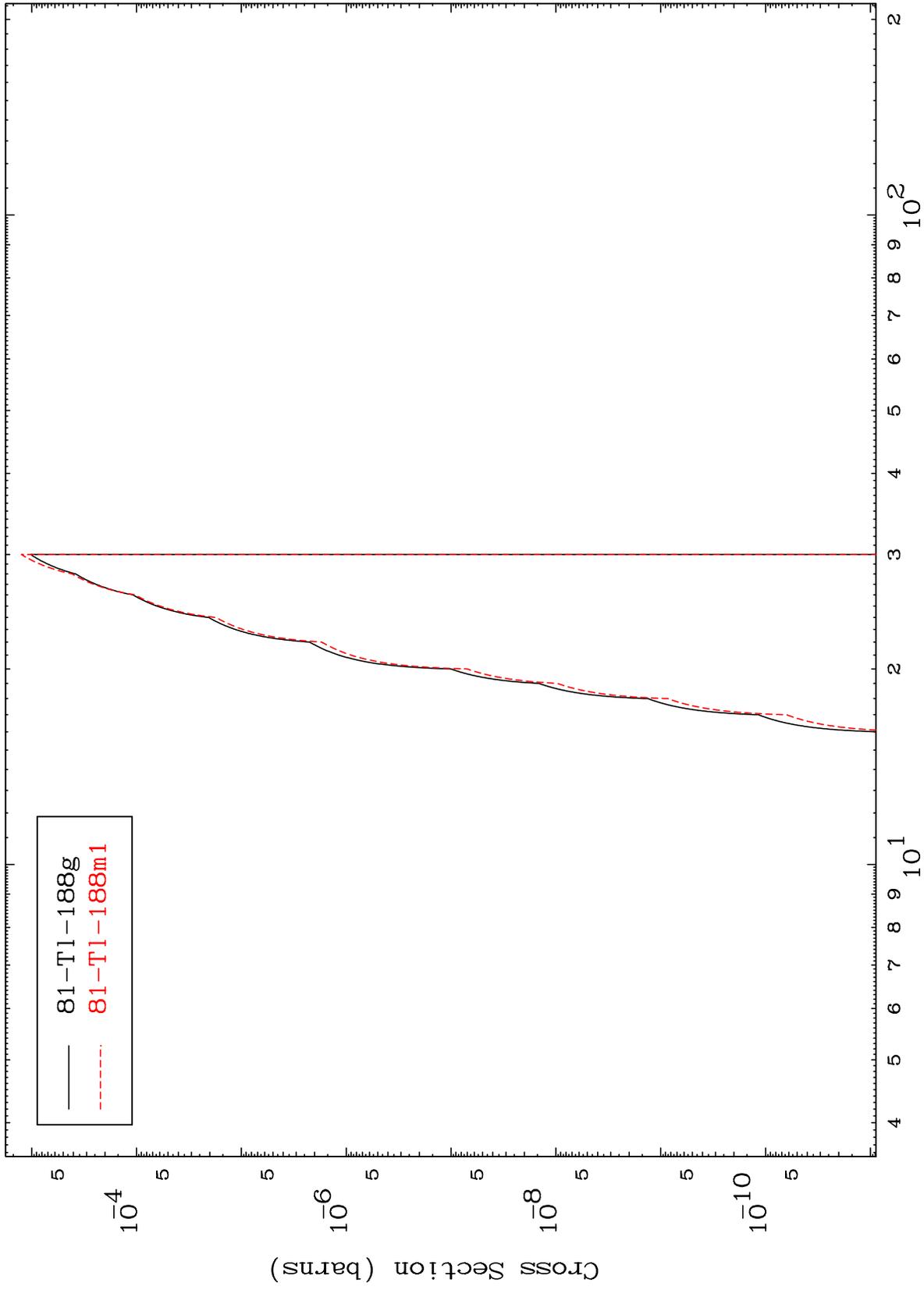
83-Bi-193

MAT 8278

(p,n') p  $\alpha$

83-Bi-193

Radionuclide Production Cross Section



21

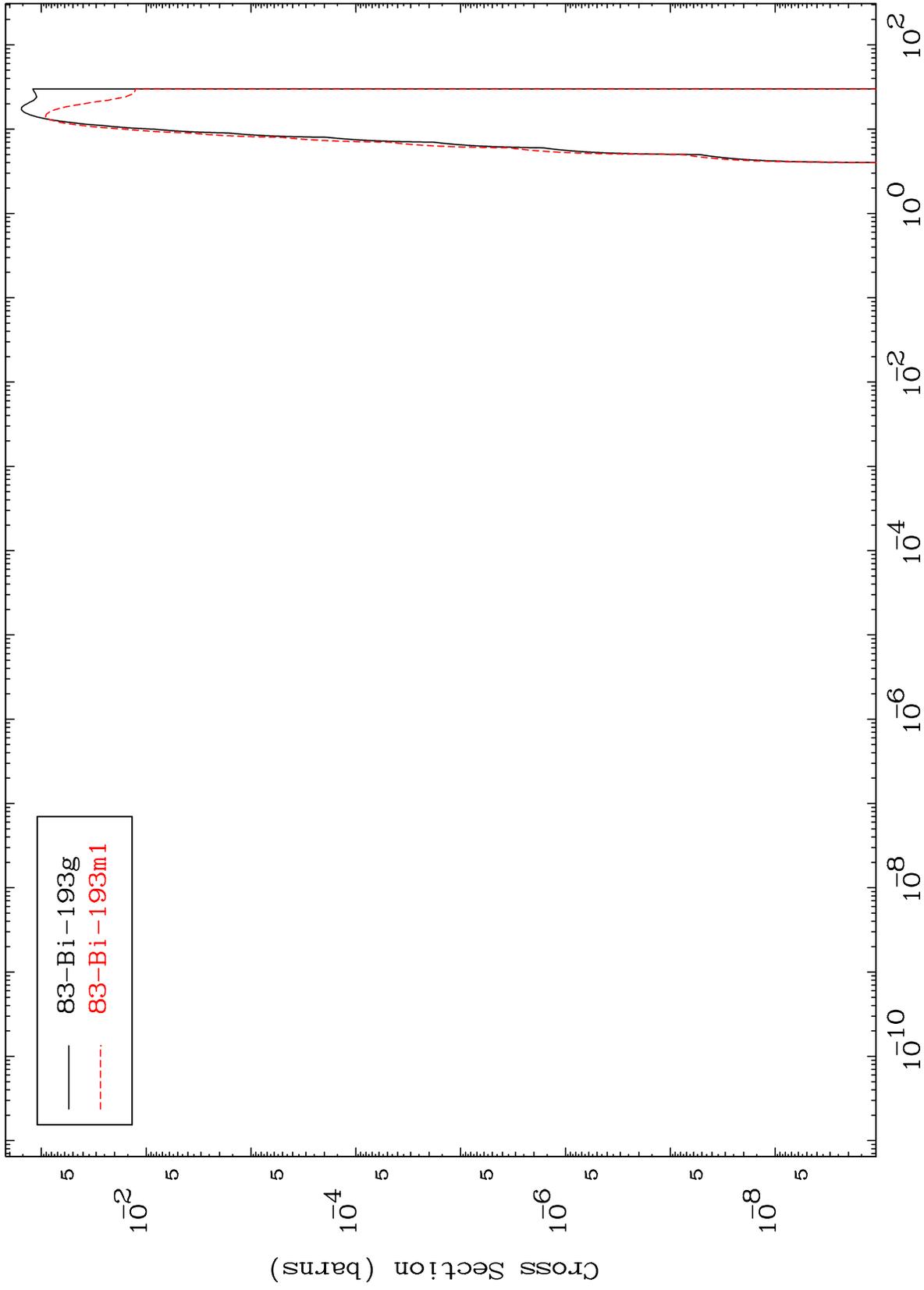
Incident Energy (MeV)

83-Bi-193

MAT 8278

83-Bi-193

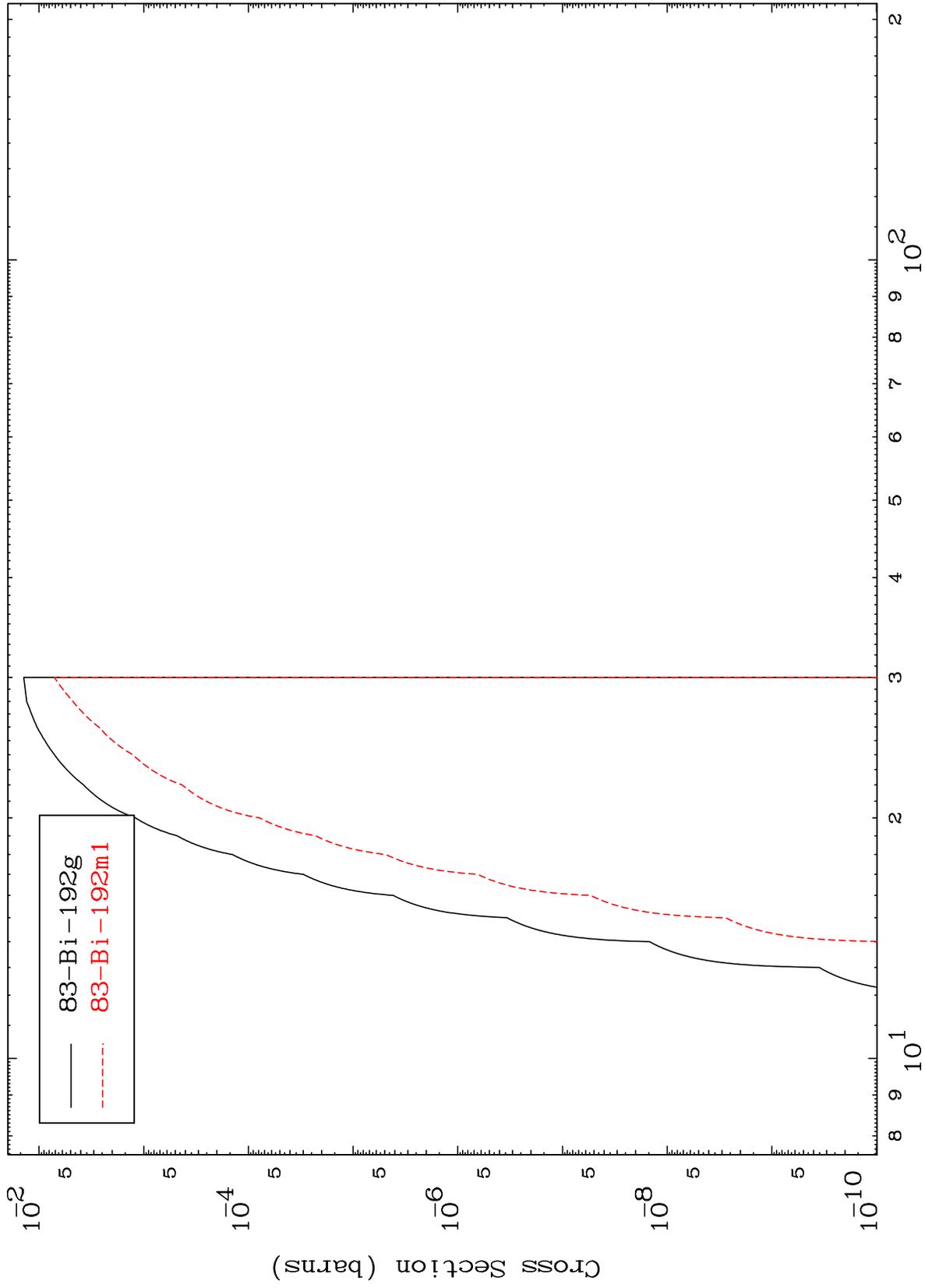
Radionuclide Production Cross Section (p,p)



MAT 8278

83-Bi-193

(p,d)  
Radionuclide Production Cross Section



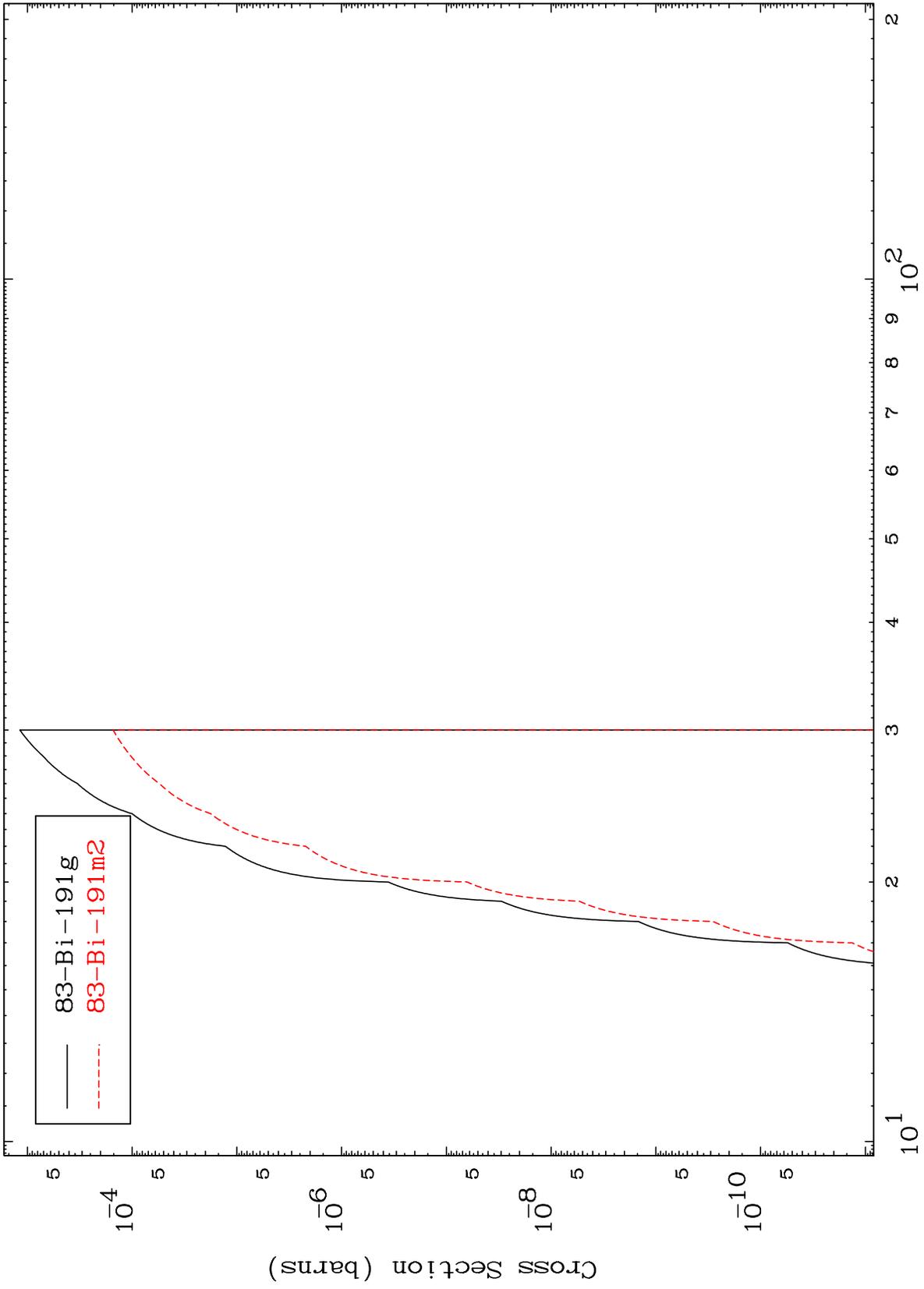
23

83-Bi-193

MAT 8278

Radionuclide Production Cross Section  
(p, t)

83-Bi-193



24

Incident Energy (MeV)

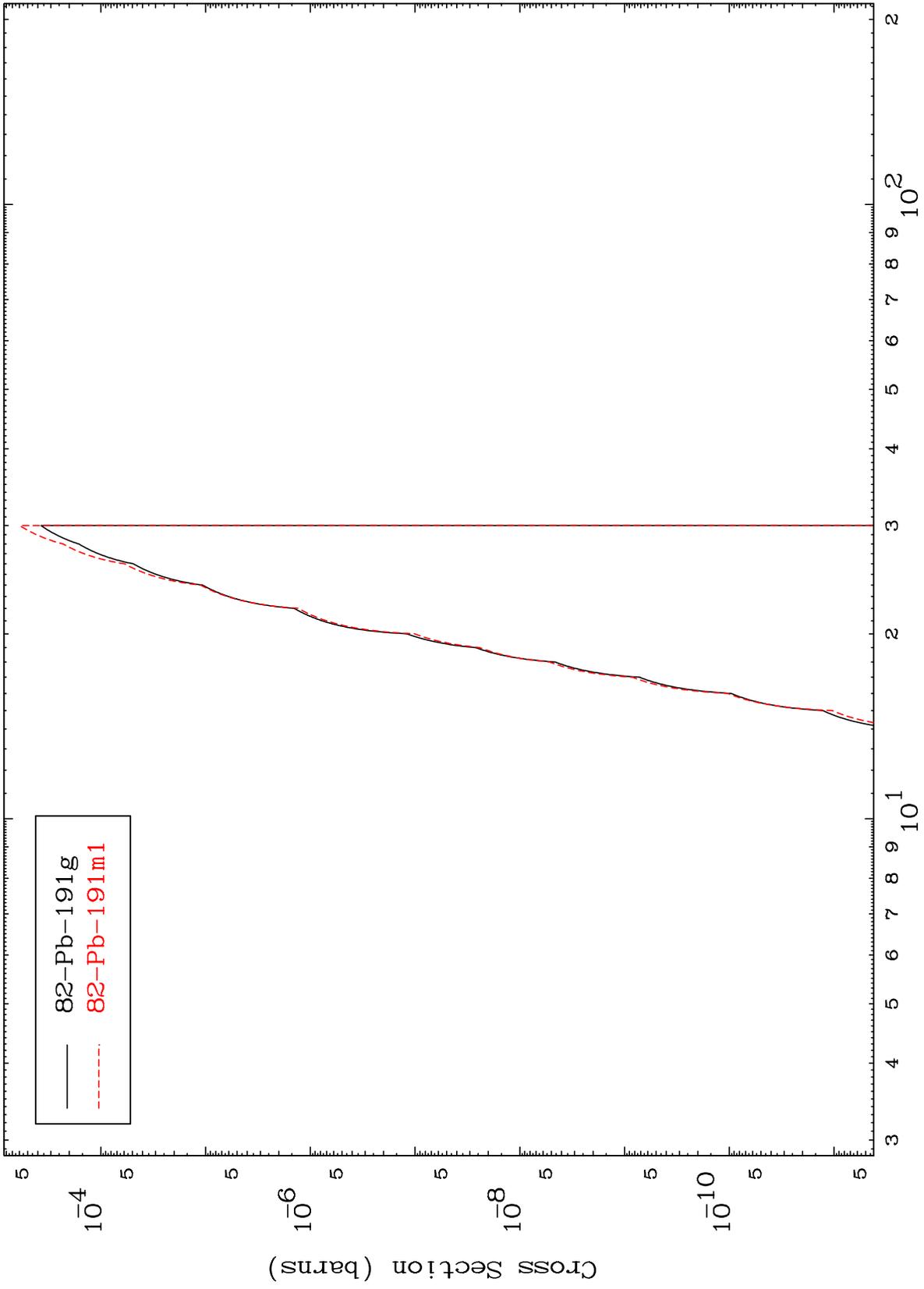
83-Bi-193

MAT 8278

(p, He-3)

83-Bi-193

Radionuclide Production Cross Section



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

25

Incident Energy (MeV)

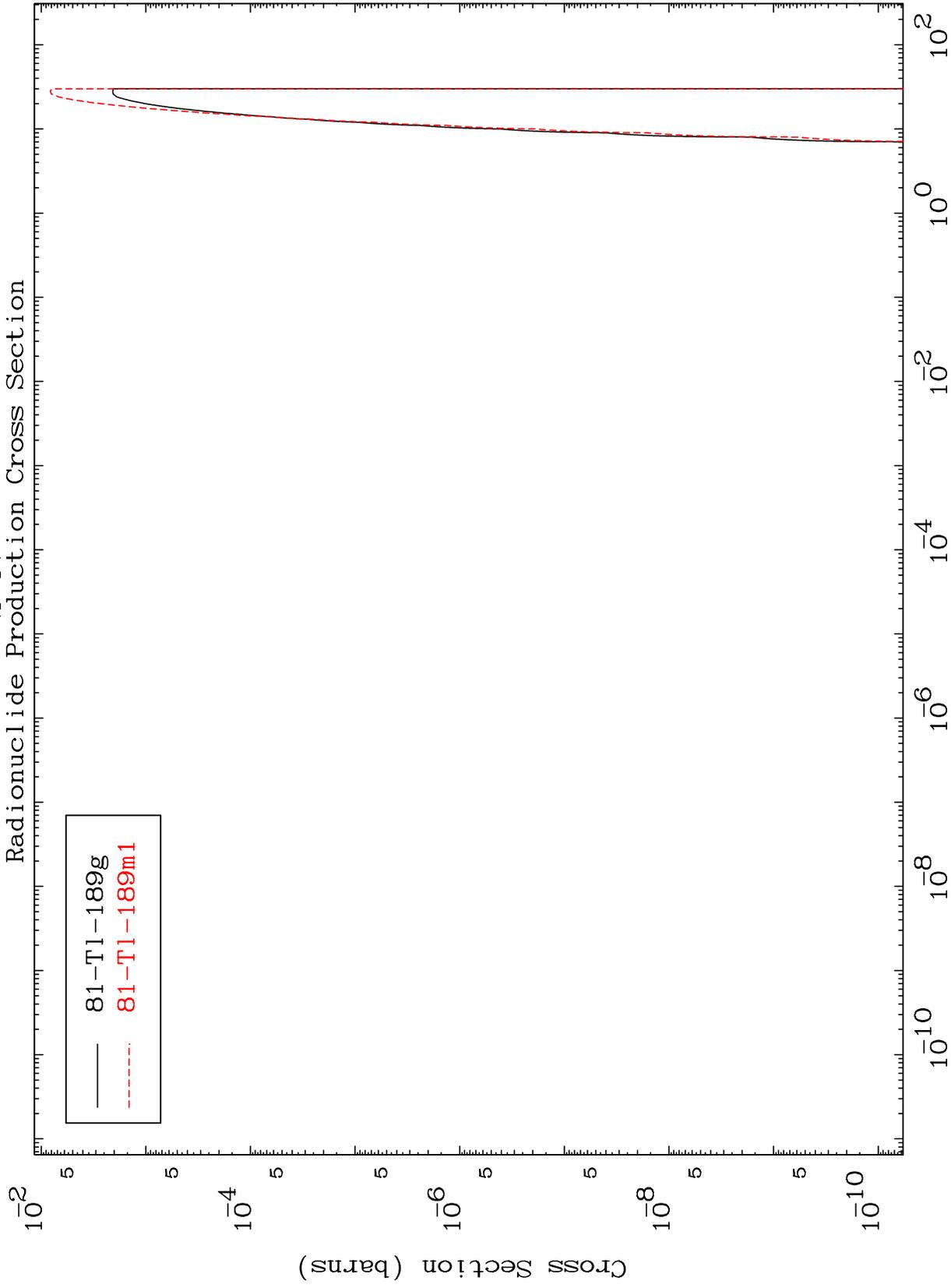
83-Bi-193

MAT 8278

(p,p)  $\alpha$

83-Bi-193

Radionuclide Production Cross Section



26

Incident Energy (MeV)

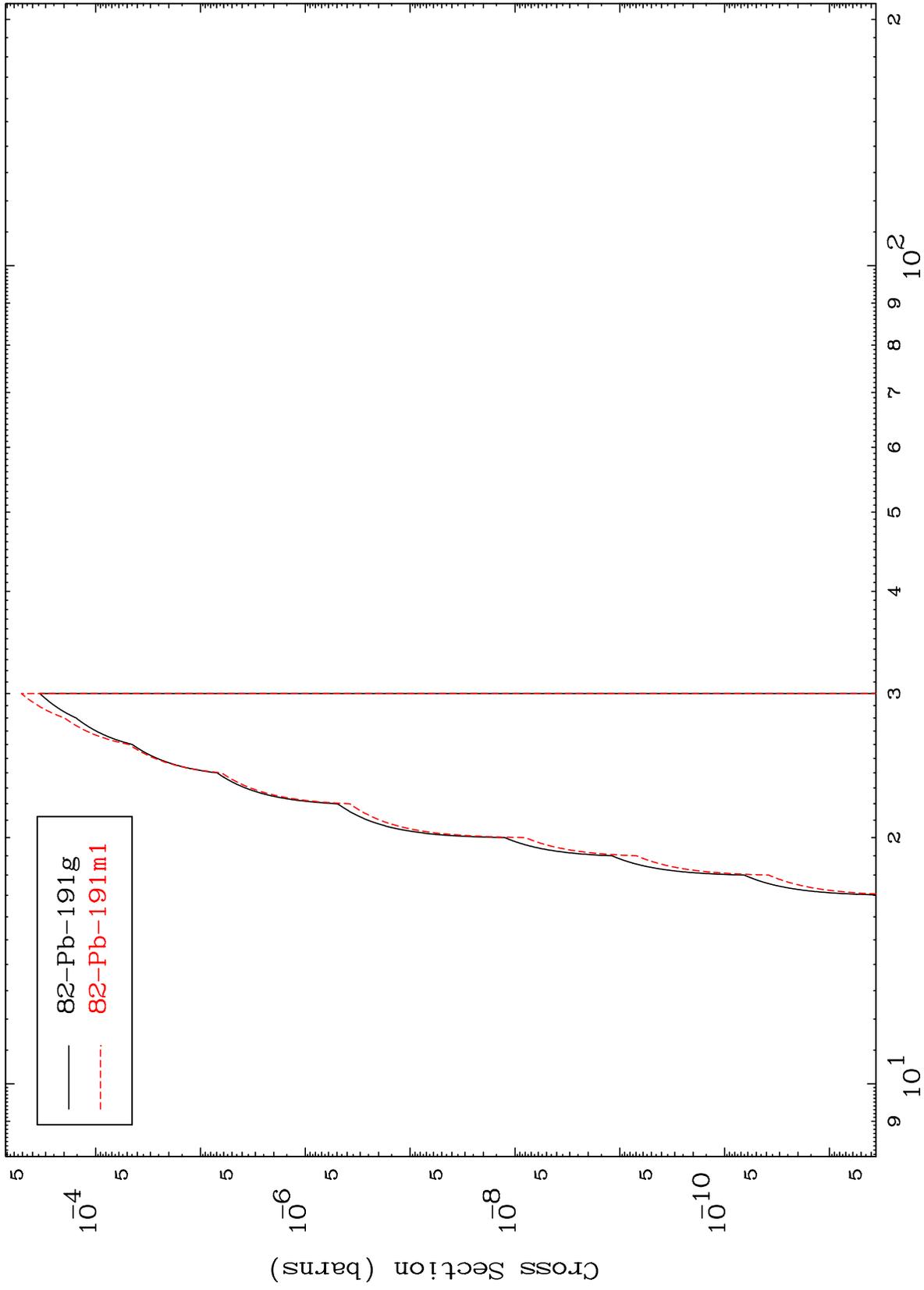
83-Bi-193

MAT 8278

(p,p) d

83-Bi-193

Radionuclide Production Cross Section



27

Incident Energy (MeV)

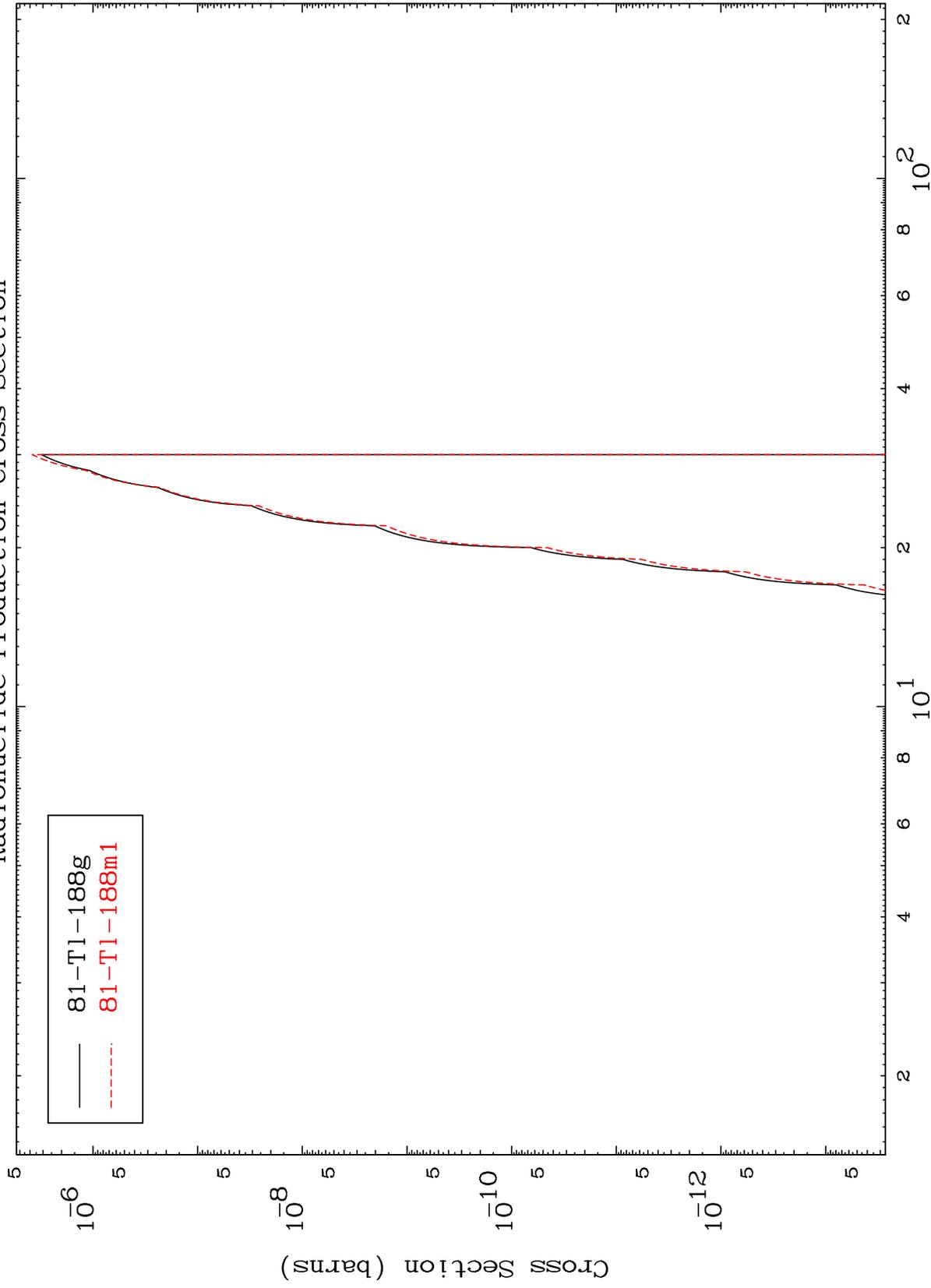
83-Bi-193

MAT 8278

(p,d)  $\alpha$

83-Bi-193

Radionuclide Production Cross Section



81-Tl-188g  
81-Tl-188m1

28

Incident Energy (MeV)

83-Bi-193