

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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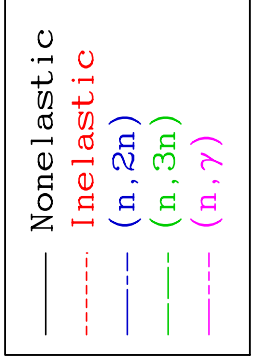
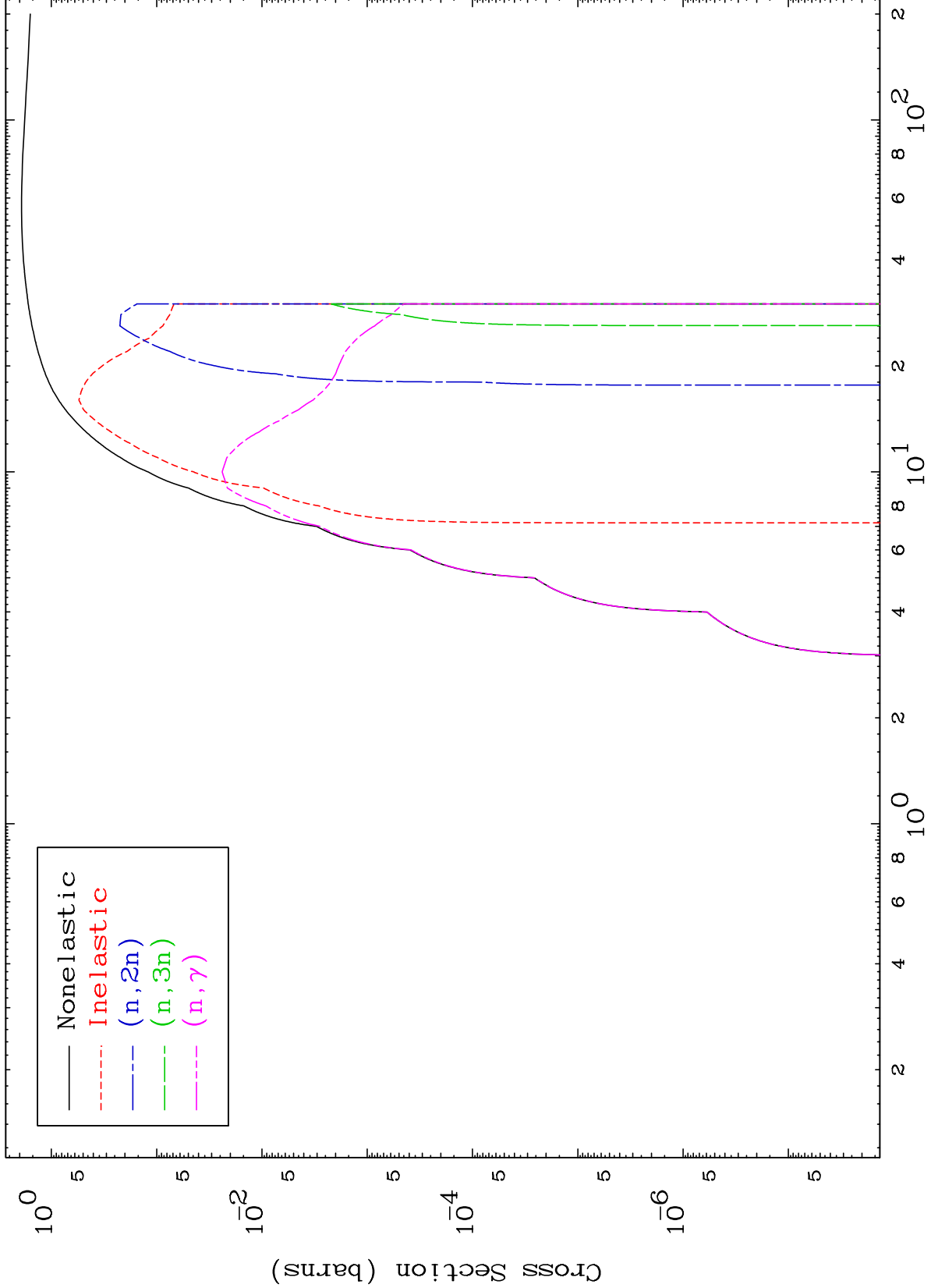
Tele: 925-443-1911

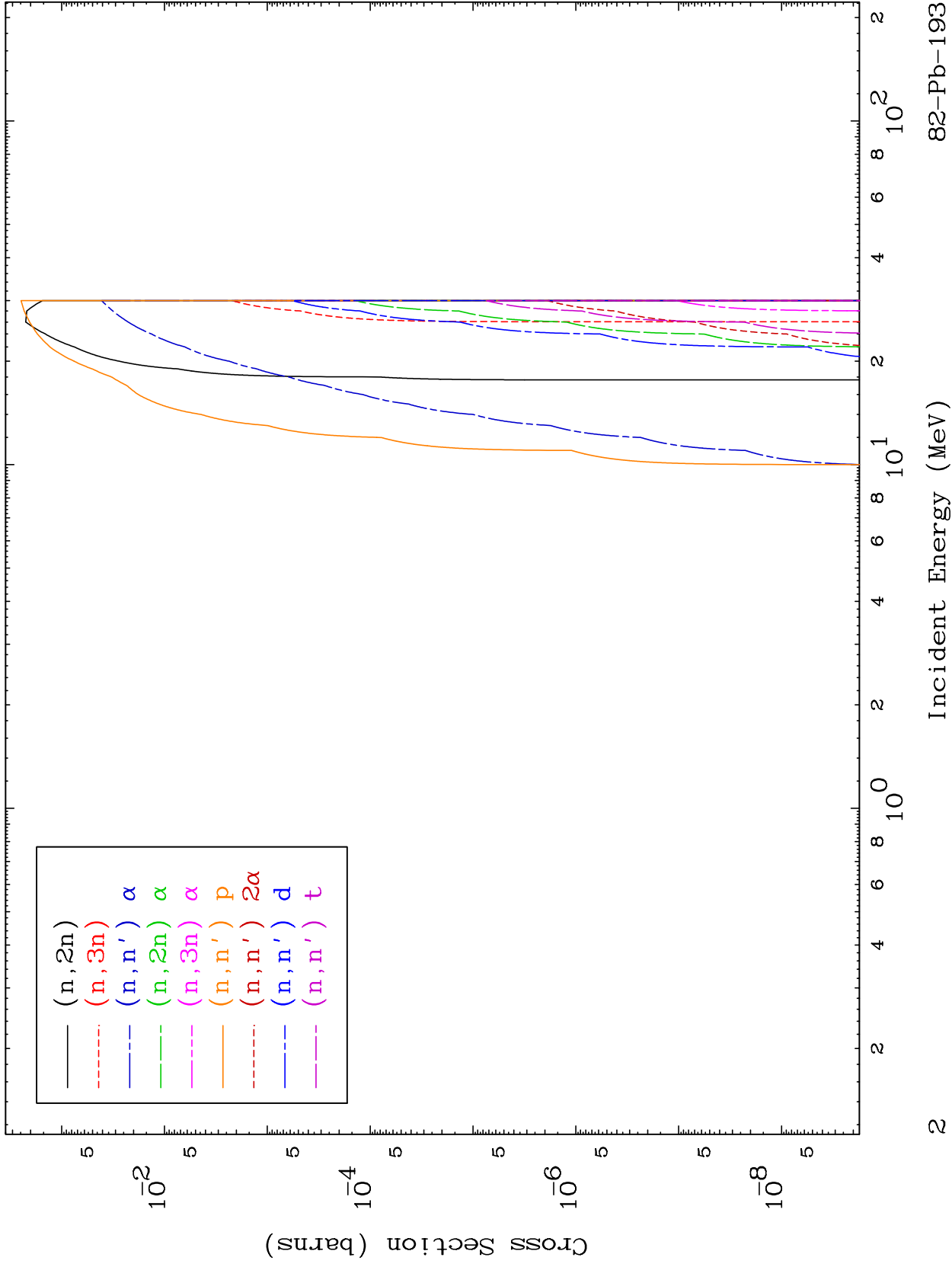
E.Mail:redcullen1@comcast.net

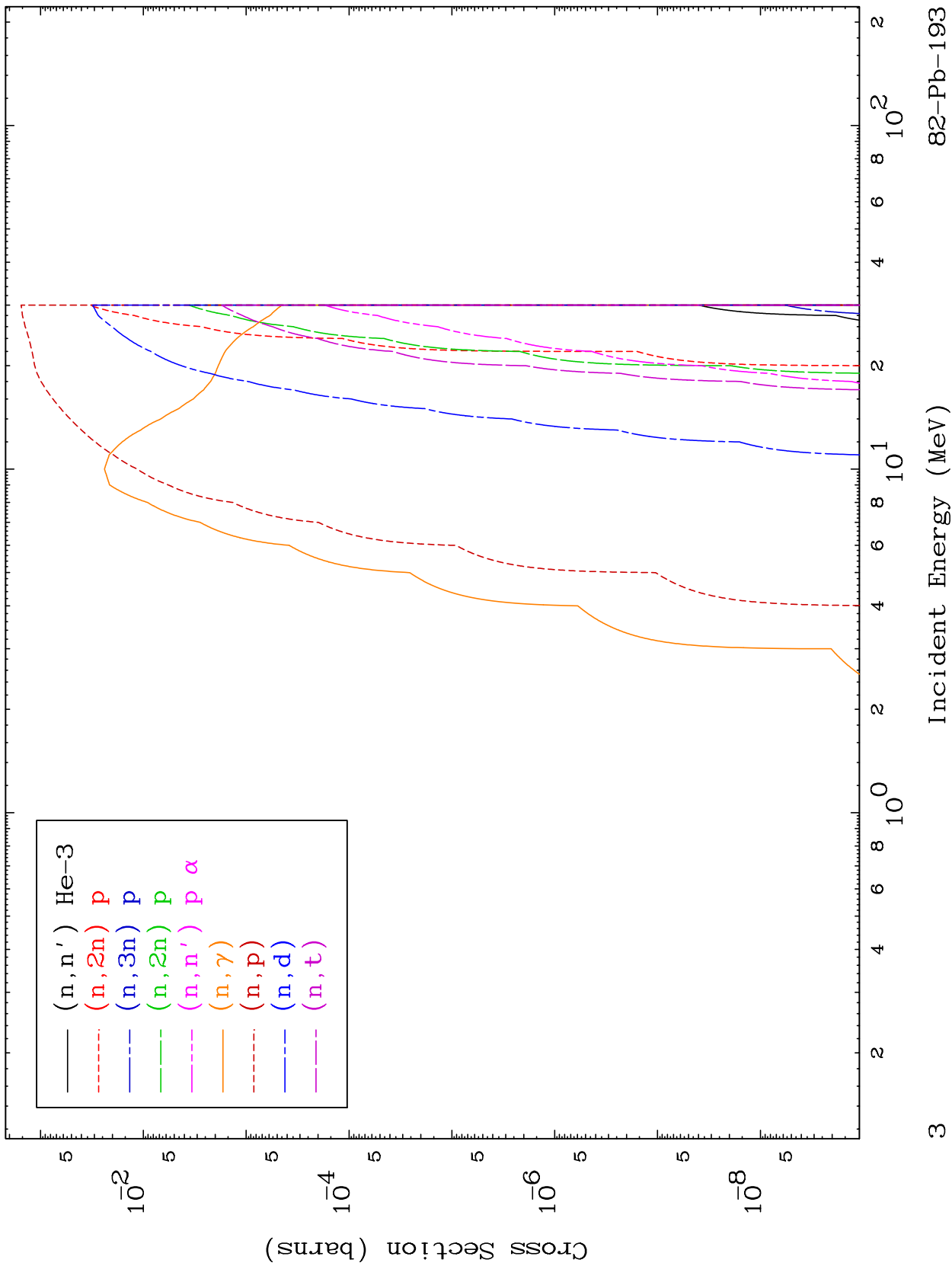
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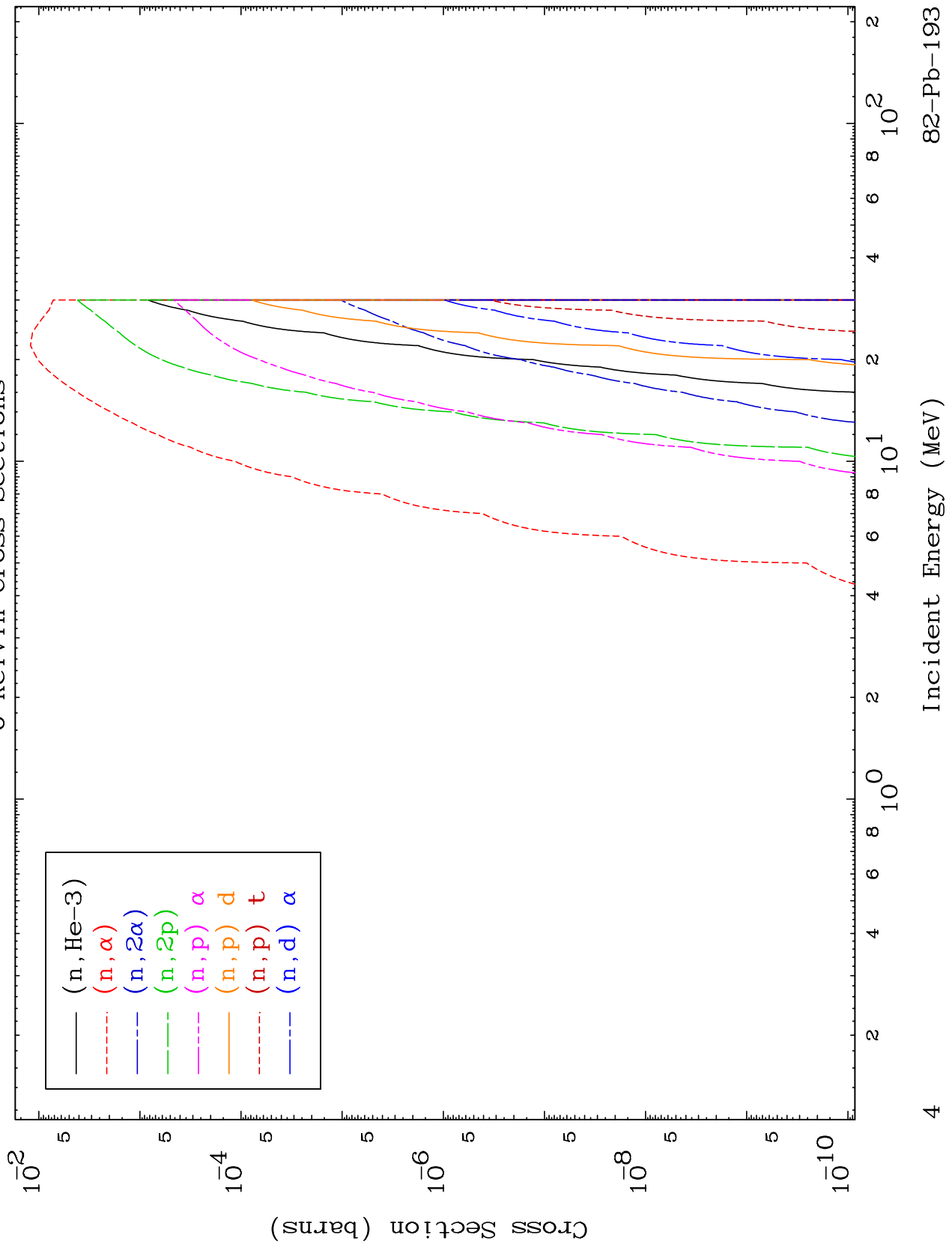
Press Mouse Button to Start

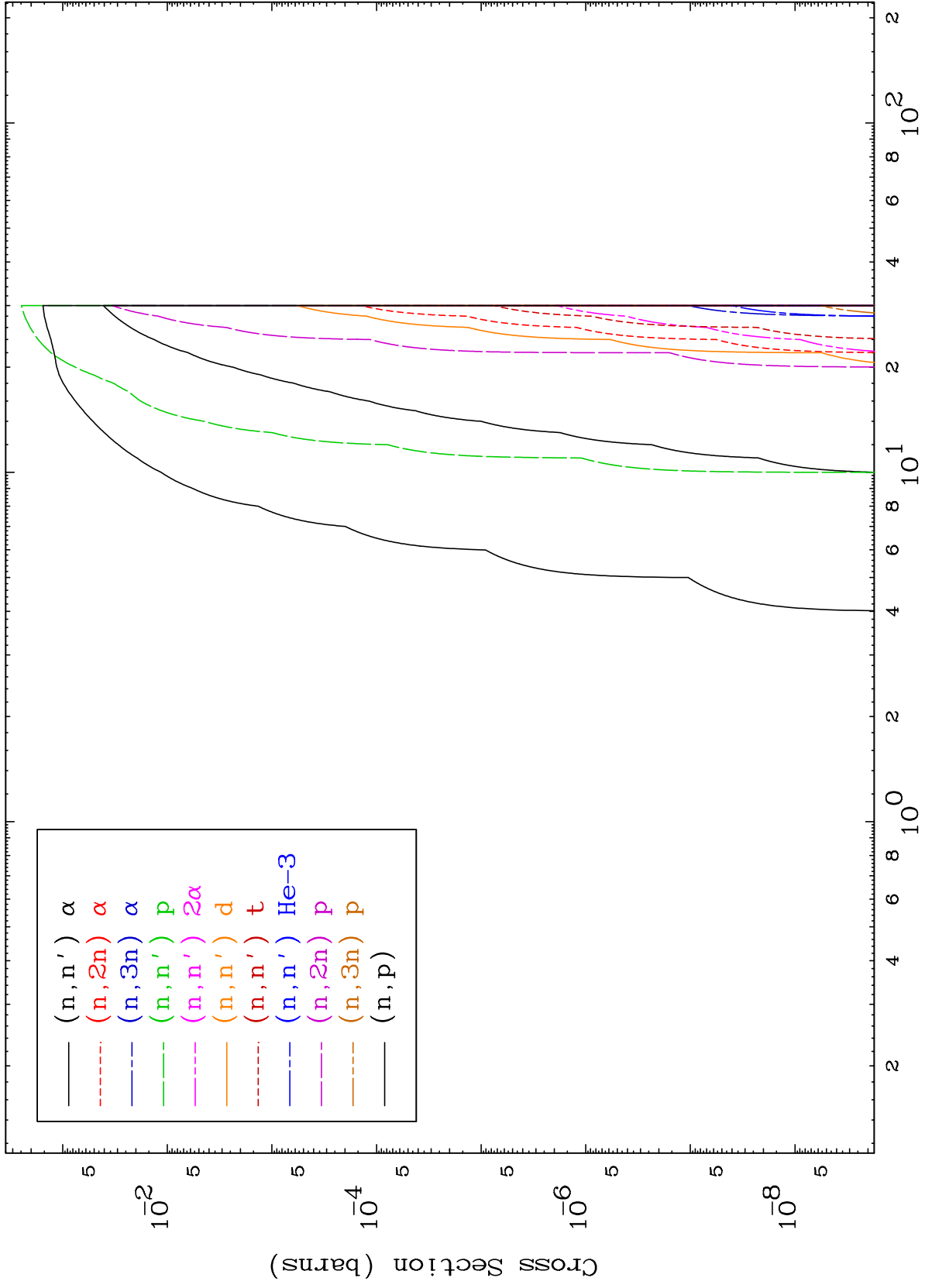
0 Kelvin Cross Sections

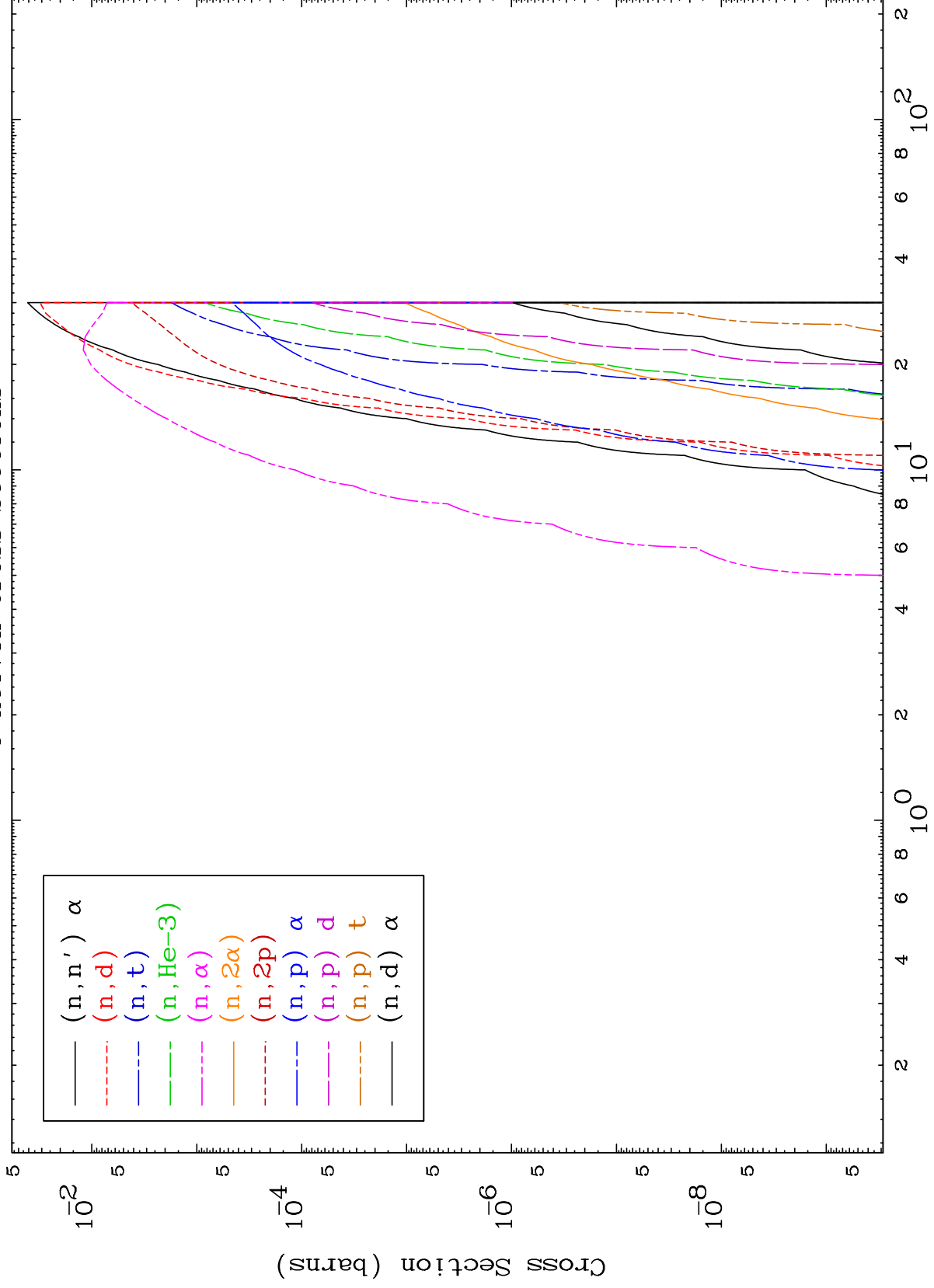








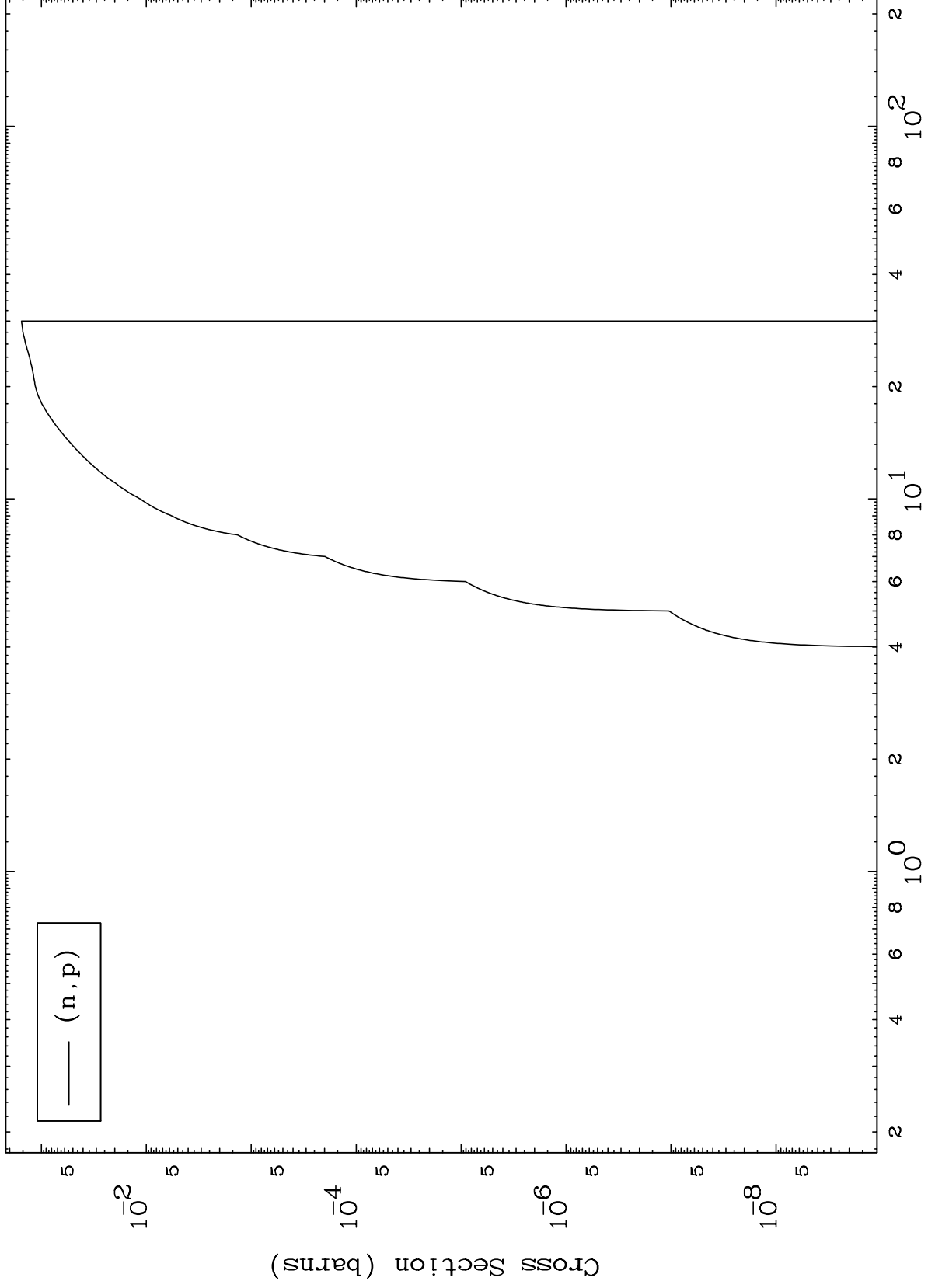




MAT 8192

(p,p) Levels  
0 Kelvin Cross Sections

82-Pb-193



7

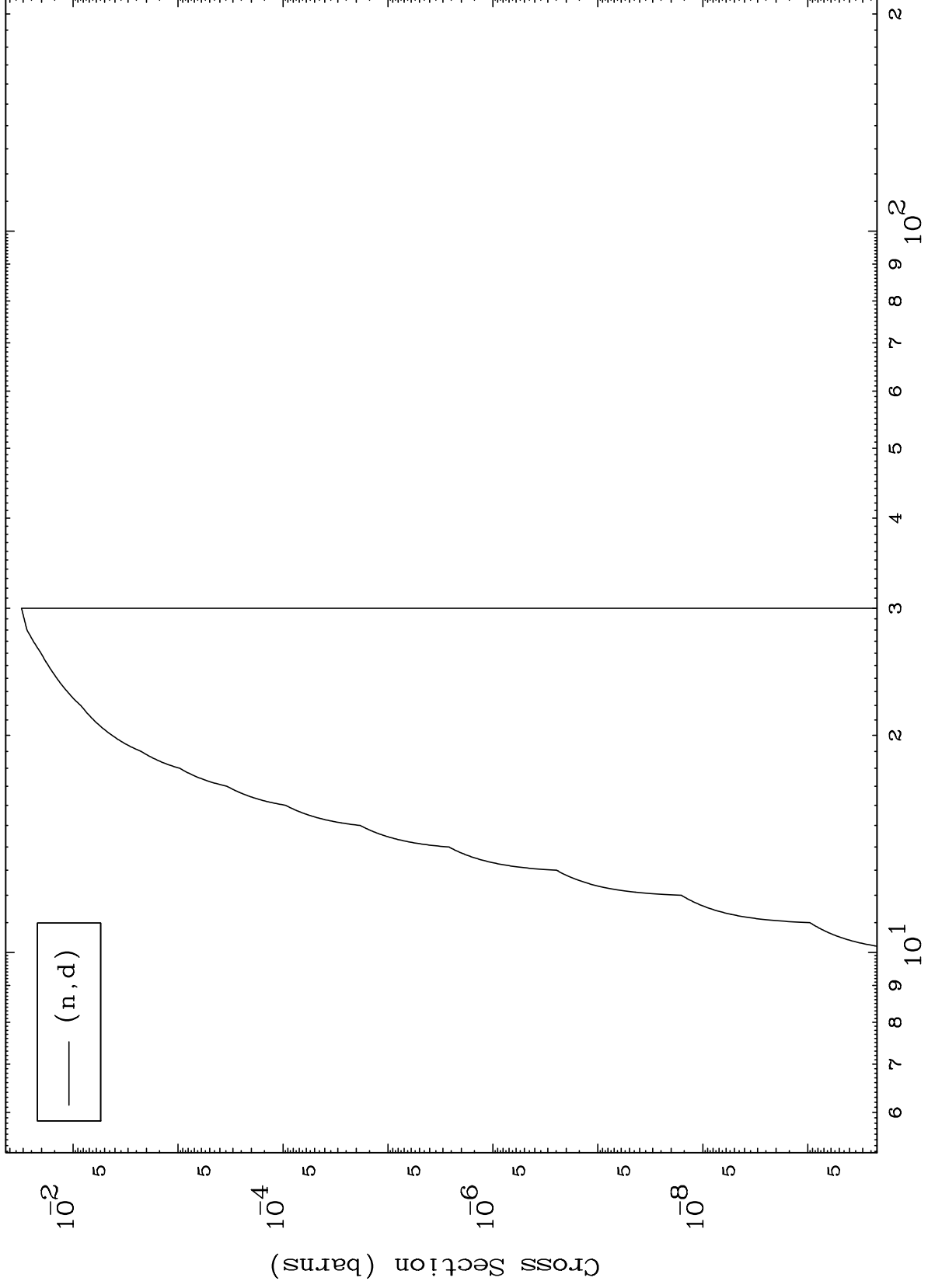
Incident Energy (MeV)

82-Pb-193

MAT 8192

(p,d) Levels  
0 Kelvin Cross Sections

82-Pb-193



8

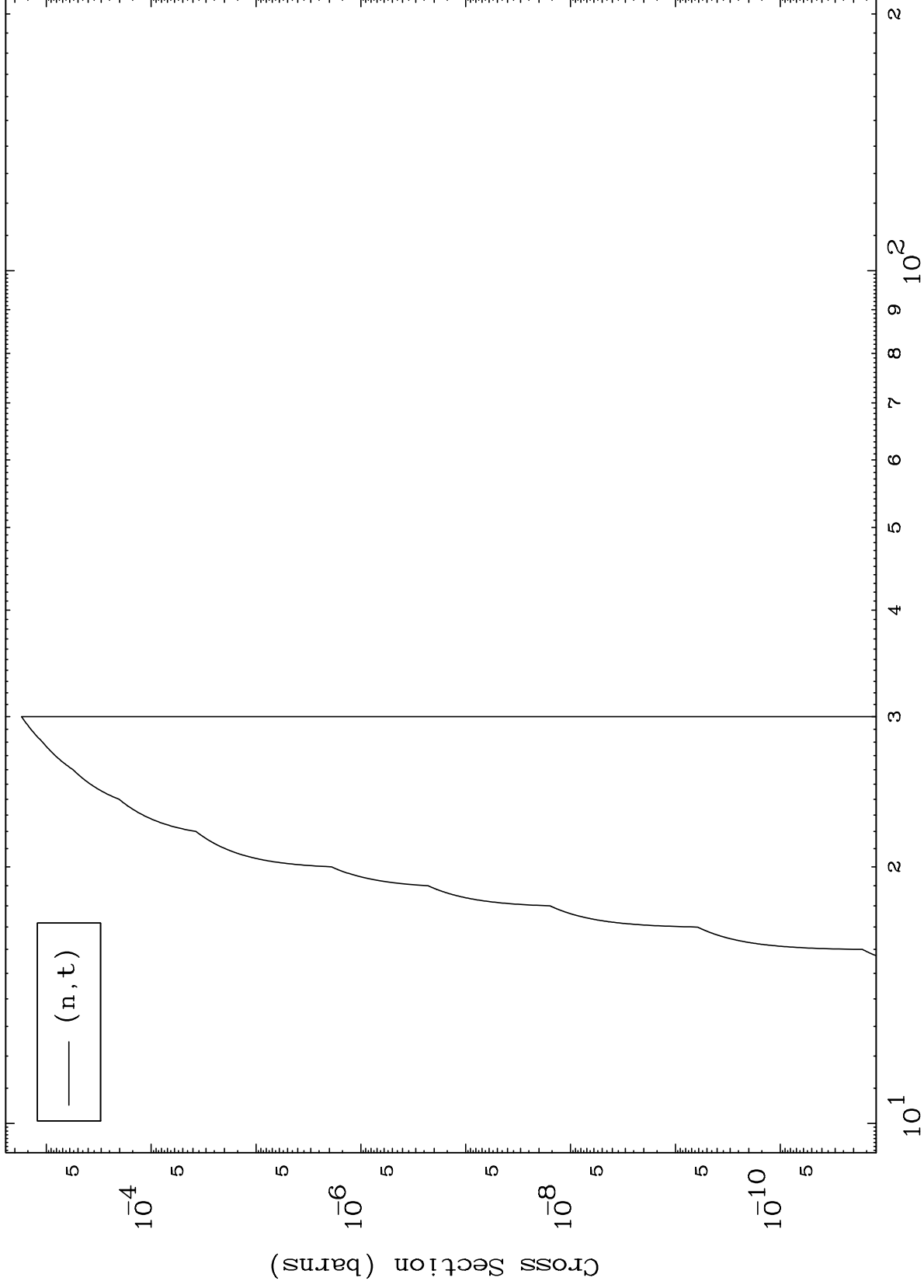
82-Pb-193

82-Pb-193

MAT 8192

(p,t) Levels  
0 Kelvin Cross Sections

82-Pb-193



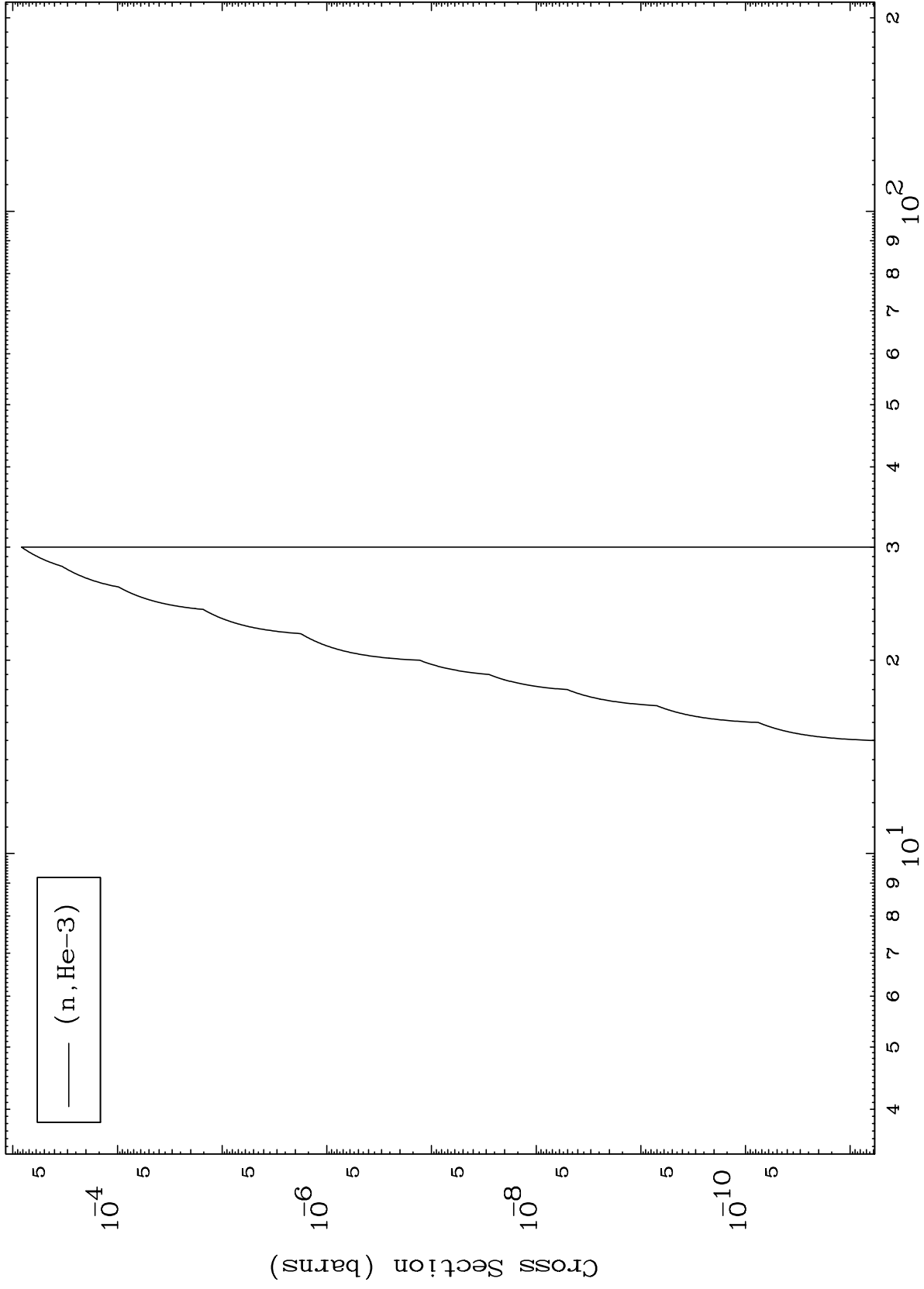
Incident Energy (MeV)

82-Pb-193

MAT 8192

82-Pb-193

(p,He3) Levels  
0 Kelvin Cross Sections



10

Incident Energy (MeV)

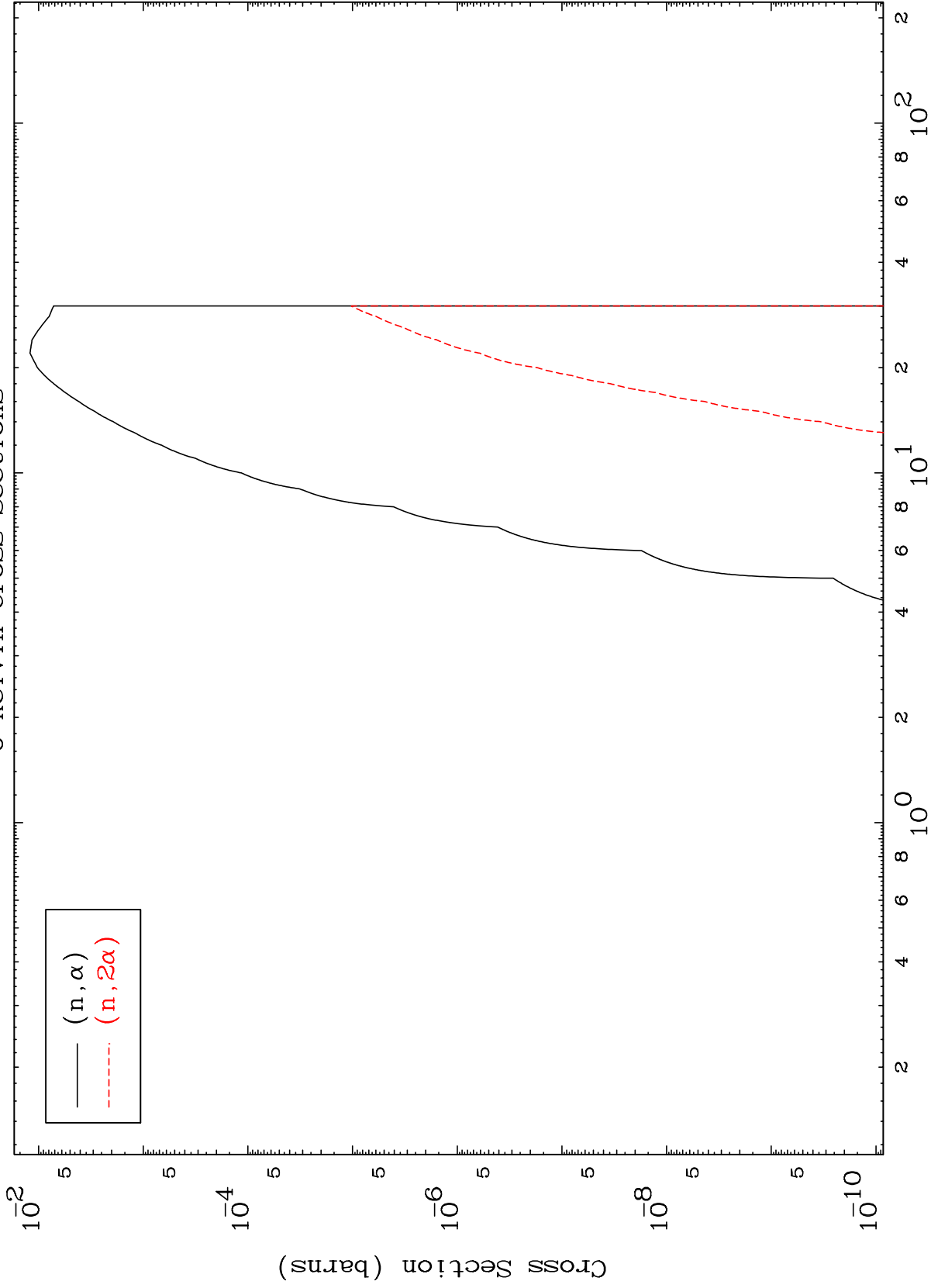
82-Pb-193

MAT 8192

(p,  $\alpha$ ) Levels

82-Pb-193

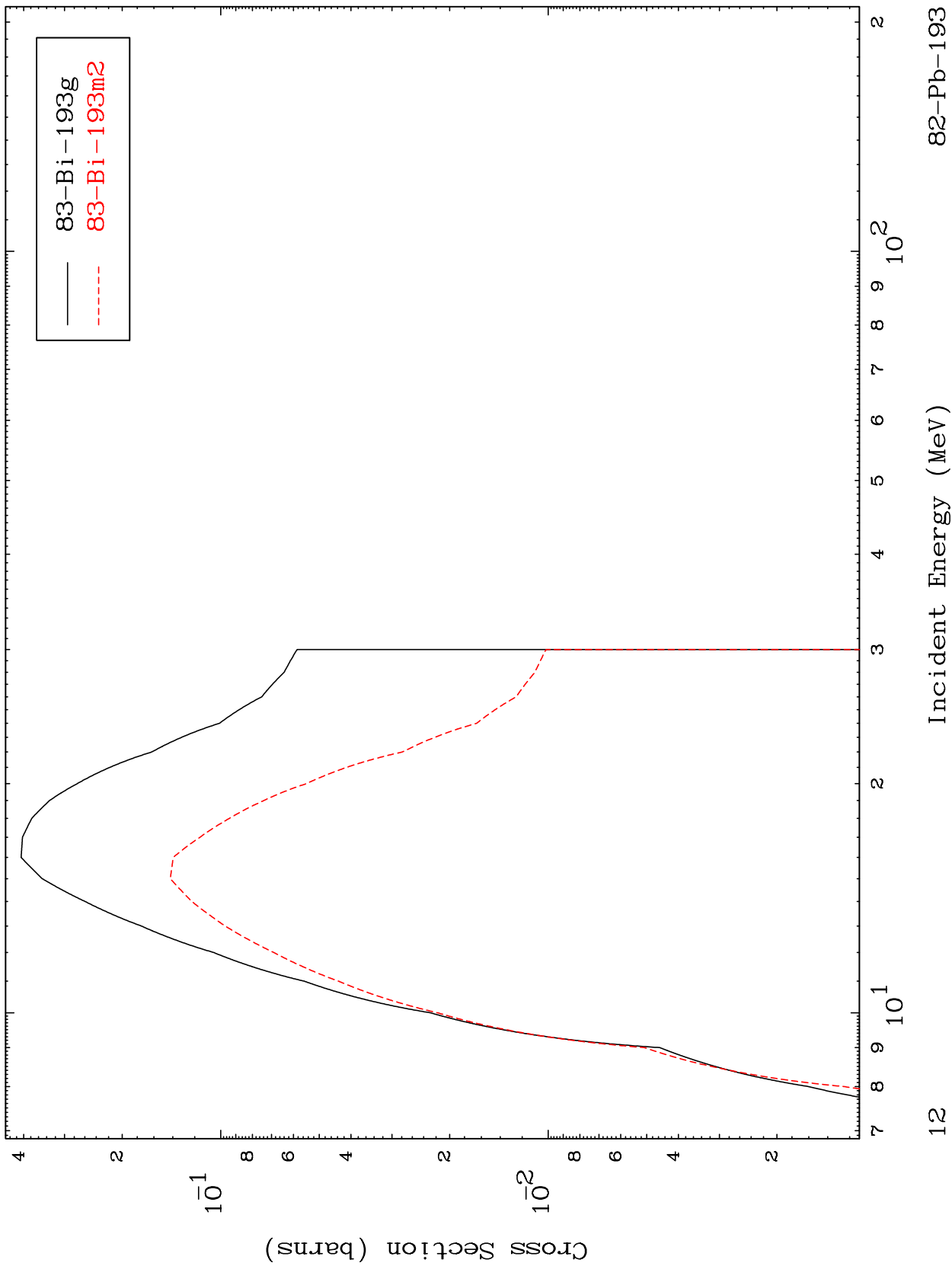
0 Kelvin Cross Sections



MAT 8192

Inelastic  
Radionuclide Production Cross Section

82-Pb-193

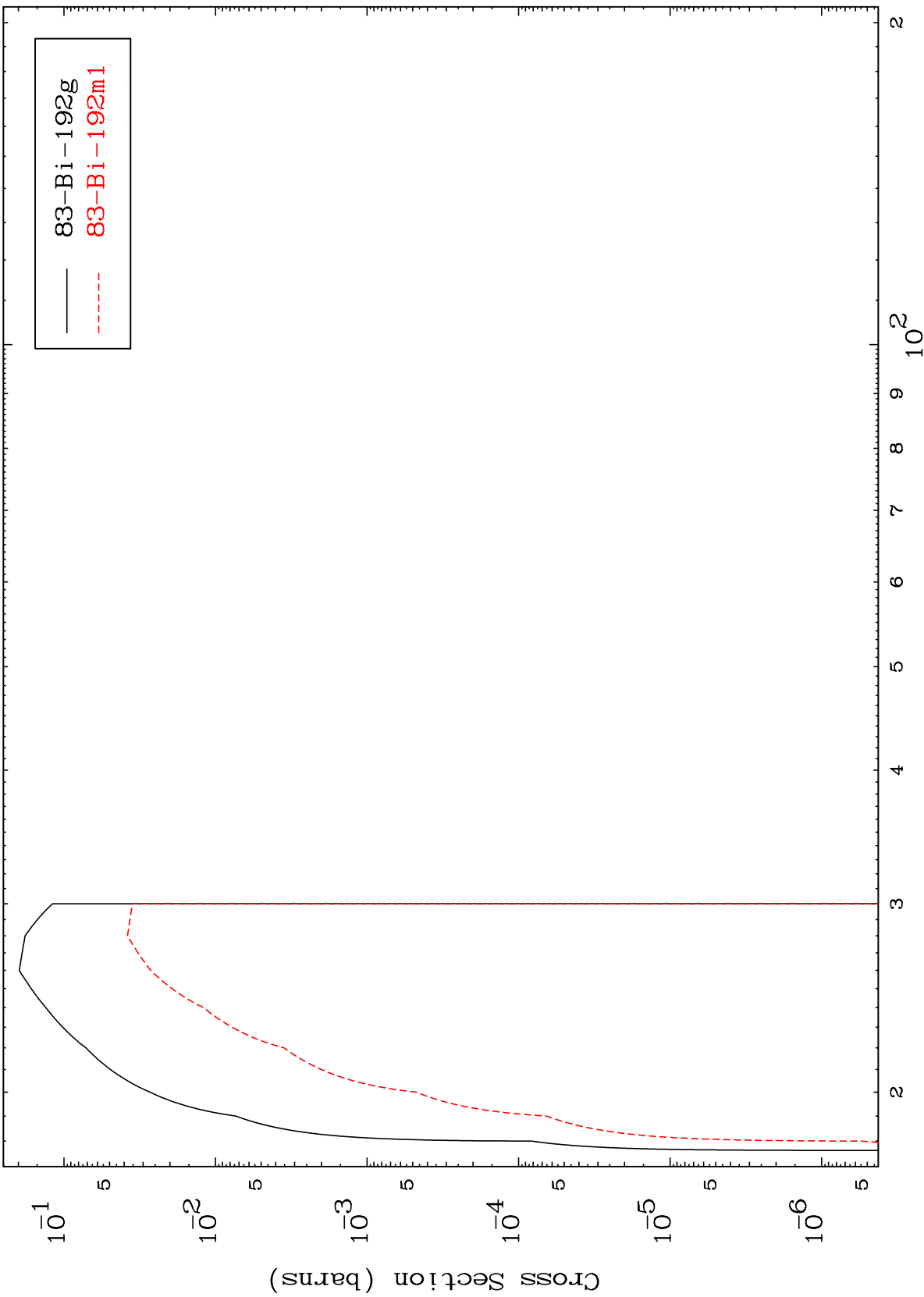


12

Incident Energy (MeV)

82-Pb-193

(n,2n)  
Radionuclide Production Cross Section



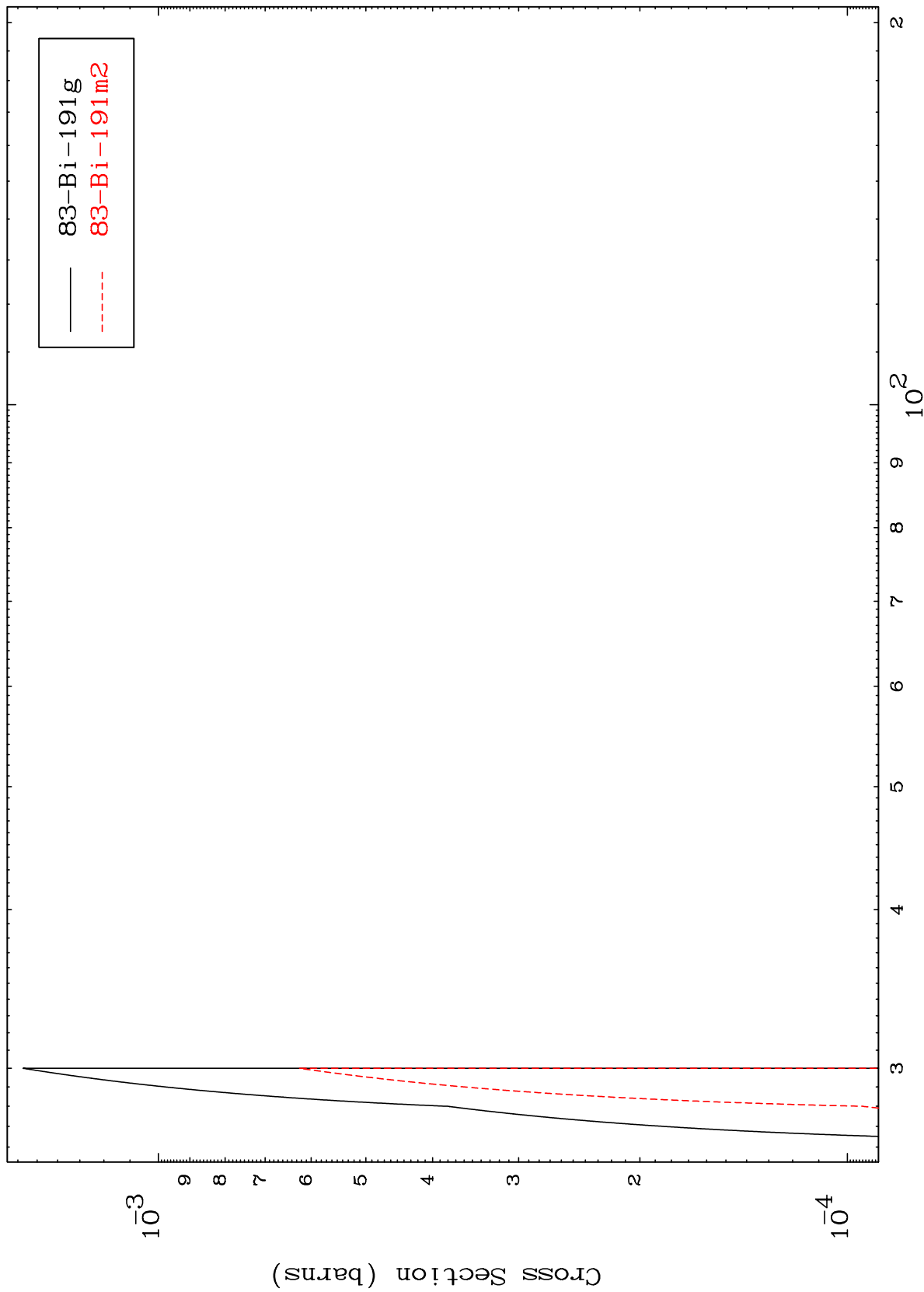
83-Bi-192g  
83-Bi-192m1

MAT 8192

82-Pb-193

(n,3n)

Radionuclide Production Cross Section



14

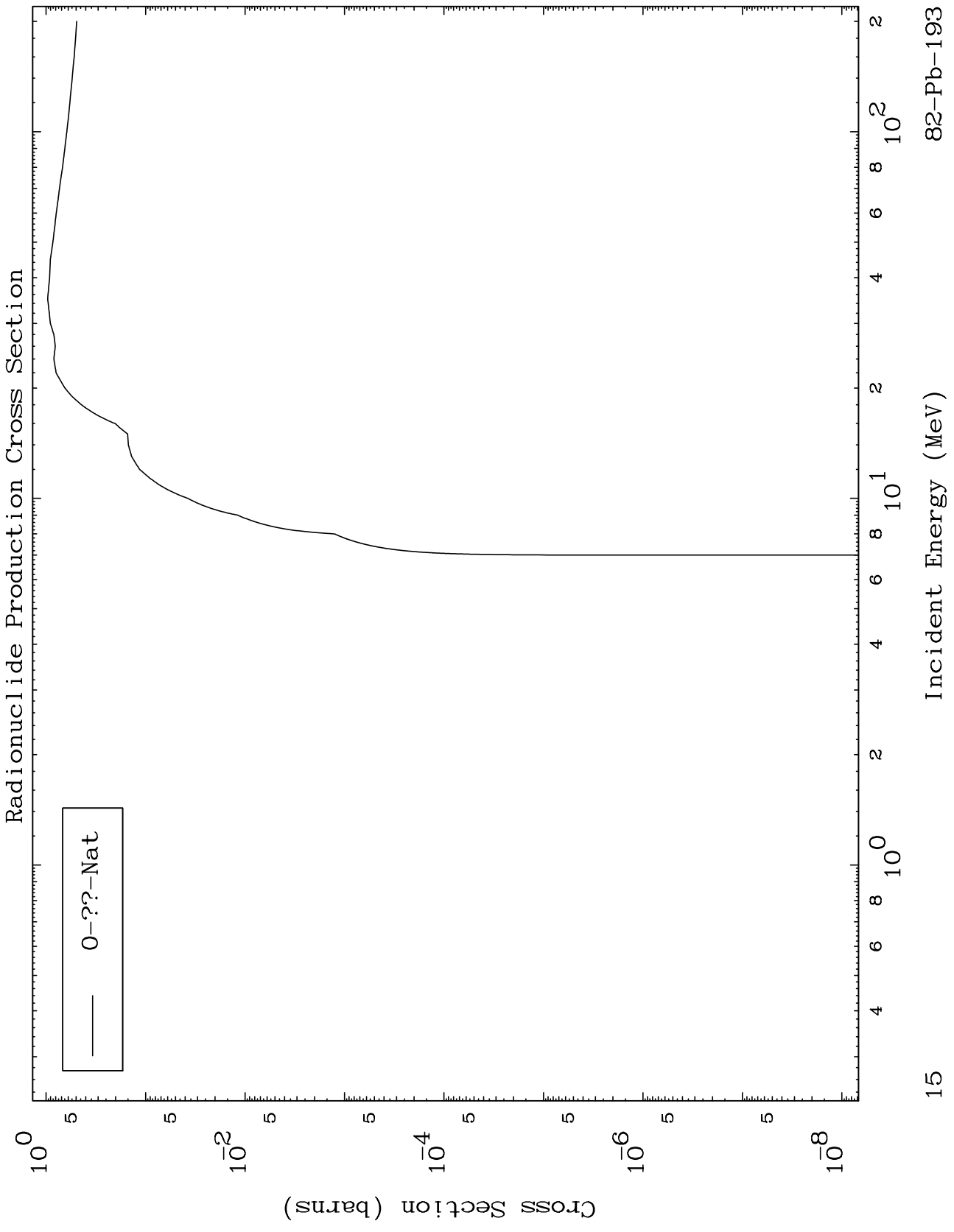
Incident Energy (MeV)

82-Pb-193

MAT 8192

Fission

82-Pb-193

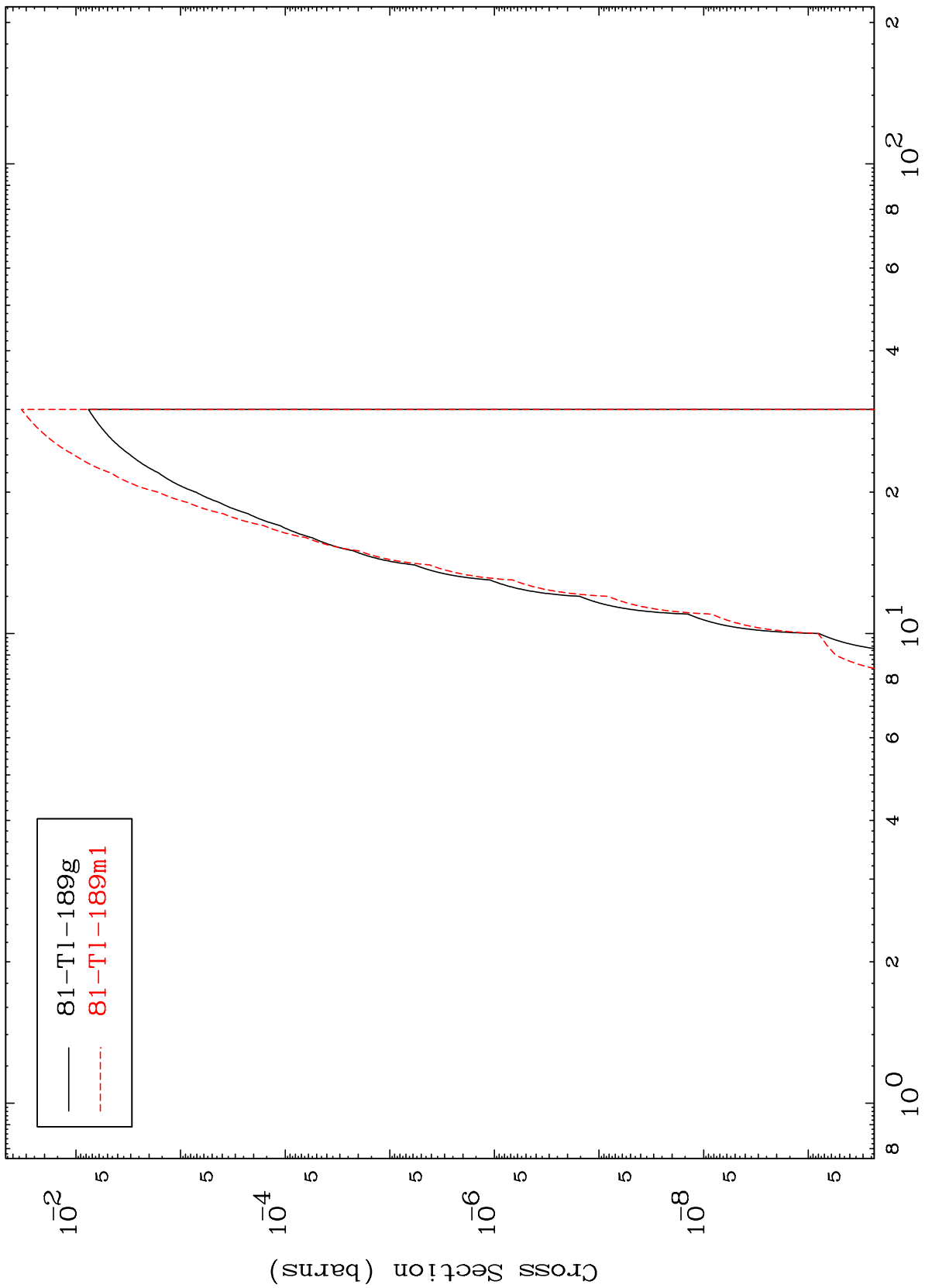


MAT 8192

(n,n')  $\alpha$

82-Pb-193

Radionuclide Production Cross Section



16

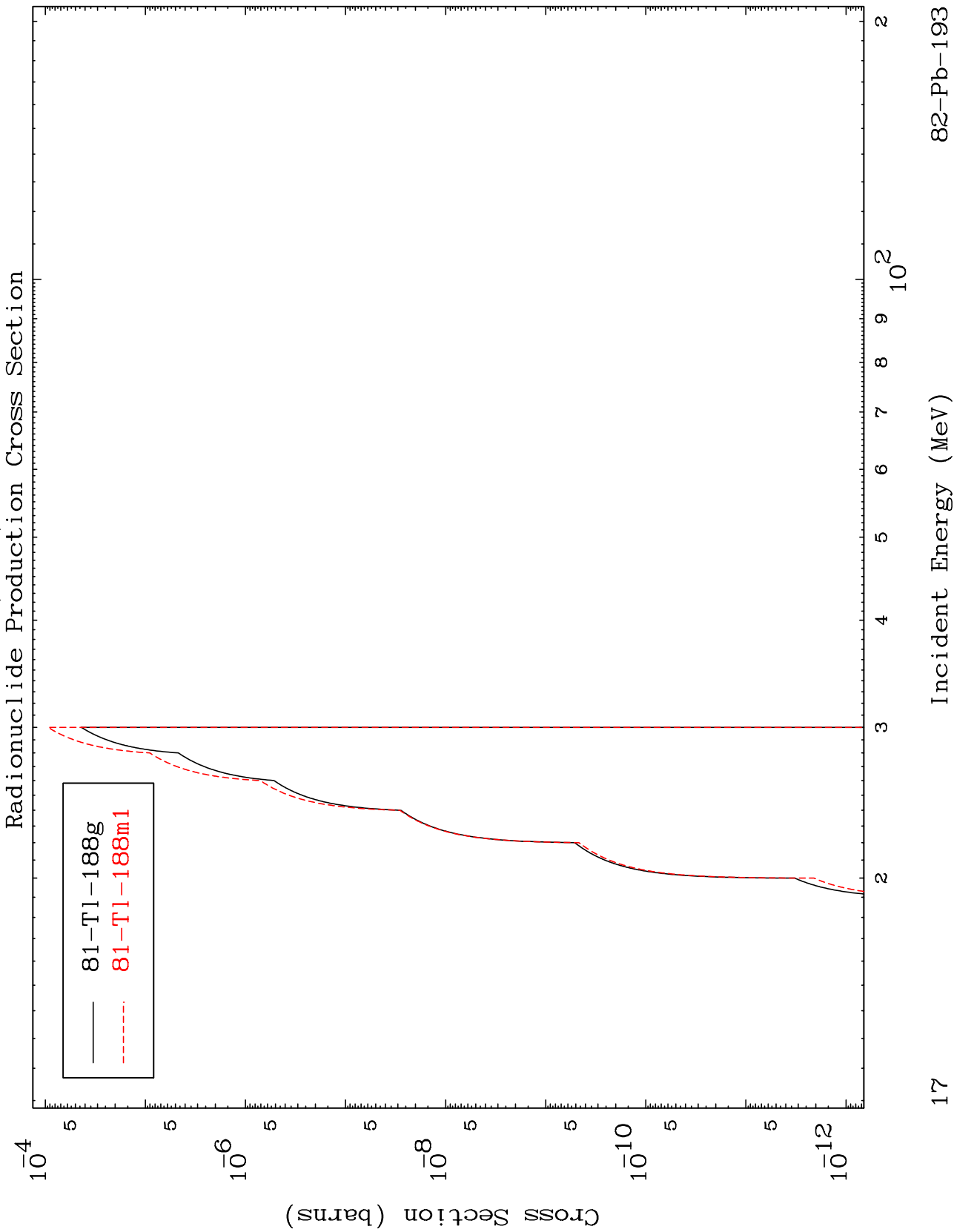
Incident Energy (MeV)

82-Pb-193

MAT 8192

(n,2n)  $\alpha$

82-Pb-193

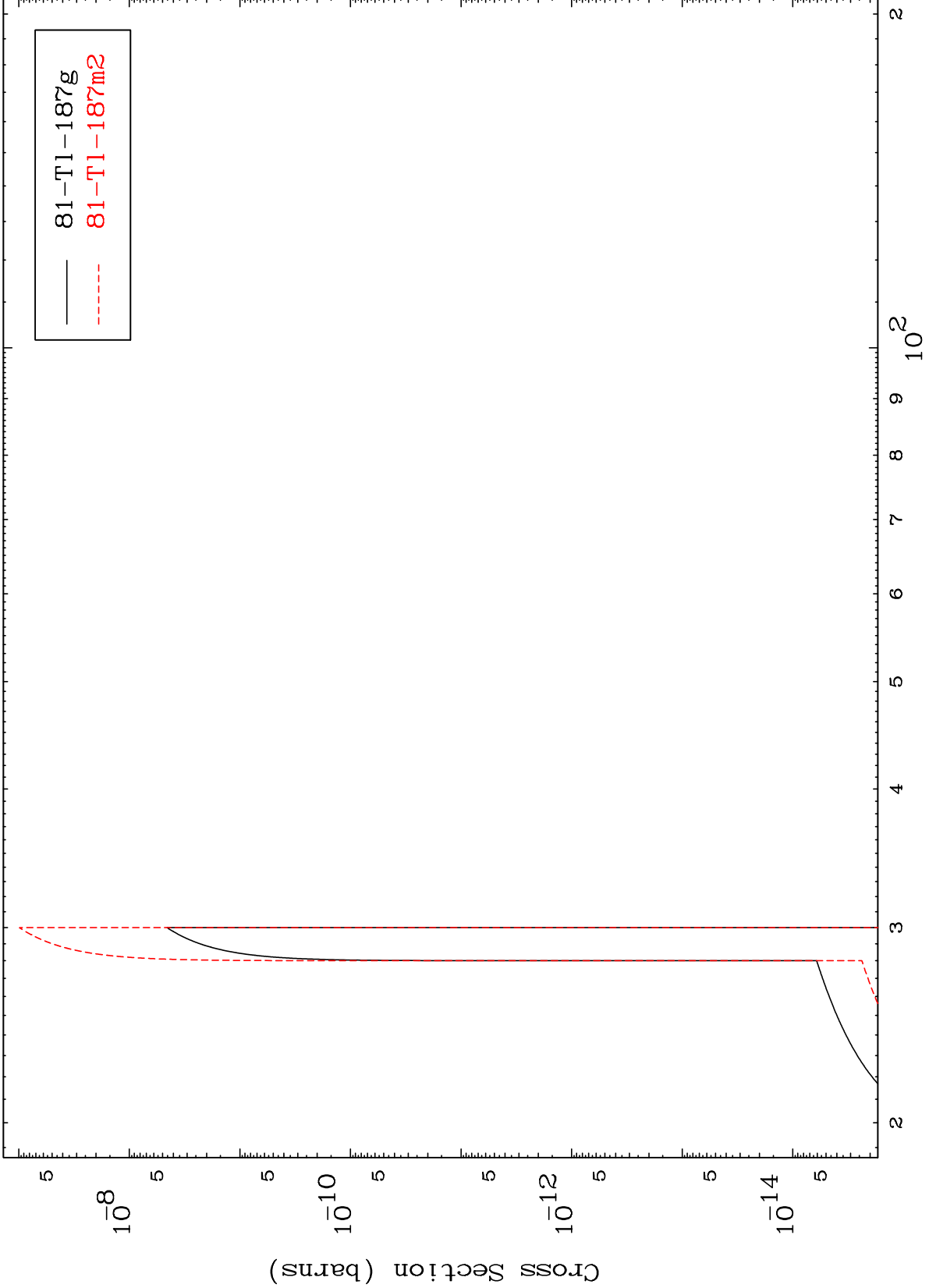


MAT 8192

(n,3n)  $\alpha$

82-Pb-193

Radionuclide Production Cross Section



18

Incident Energy (MeV)

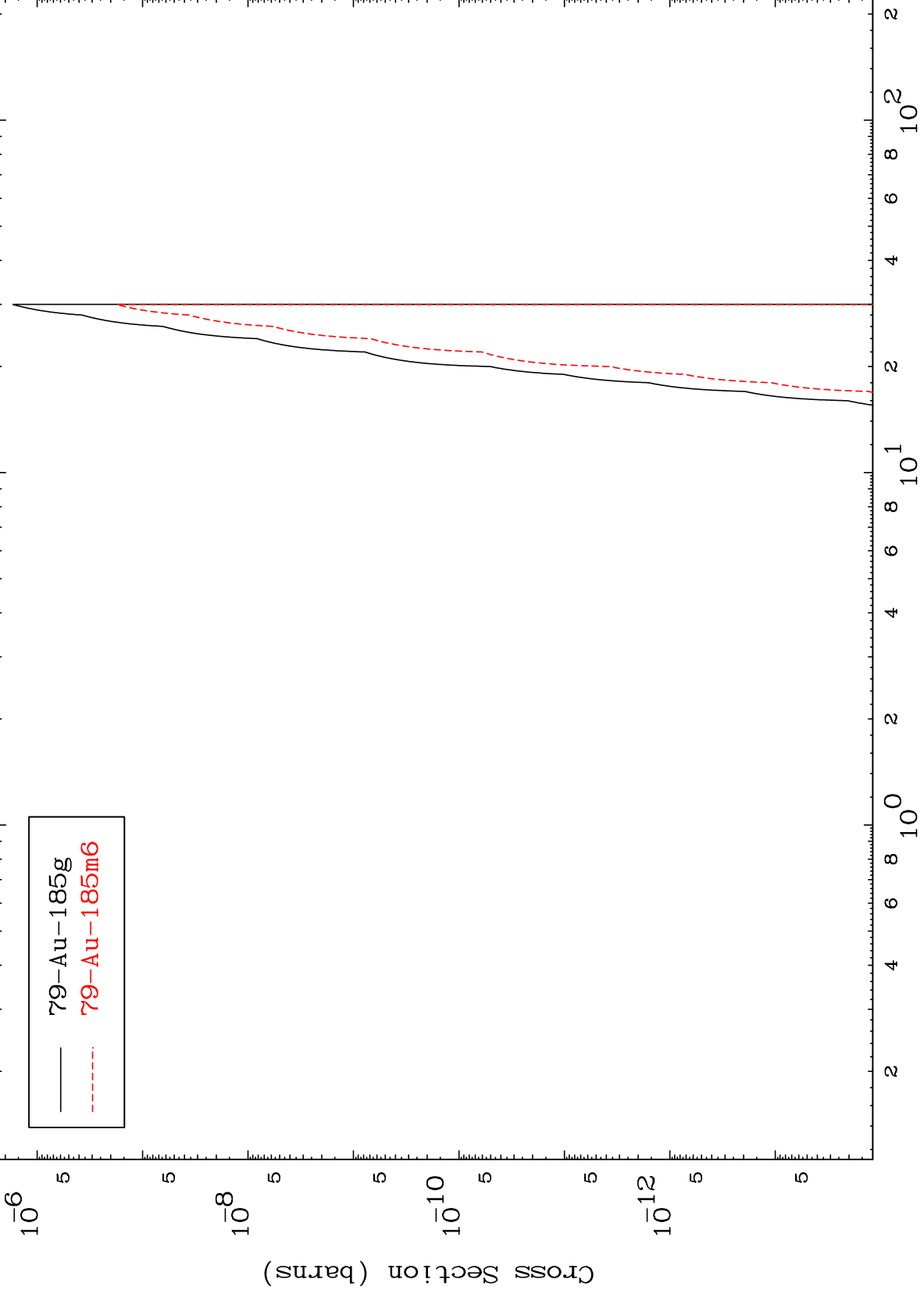
82-Pb-193

MAT 8192

(n,n') 2 $\alpha$

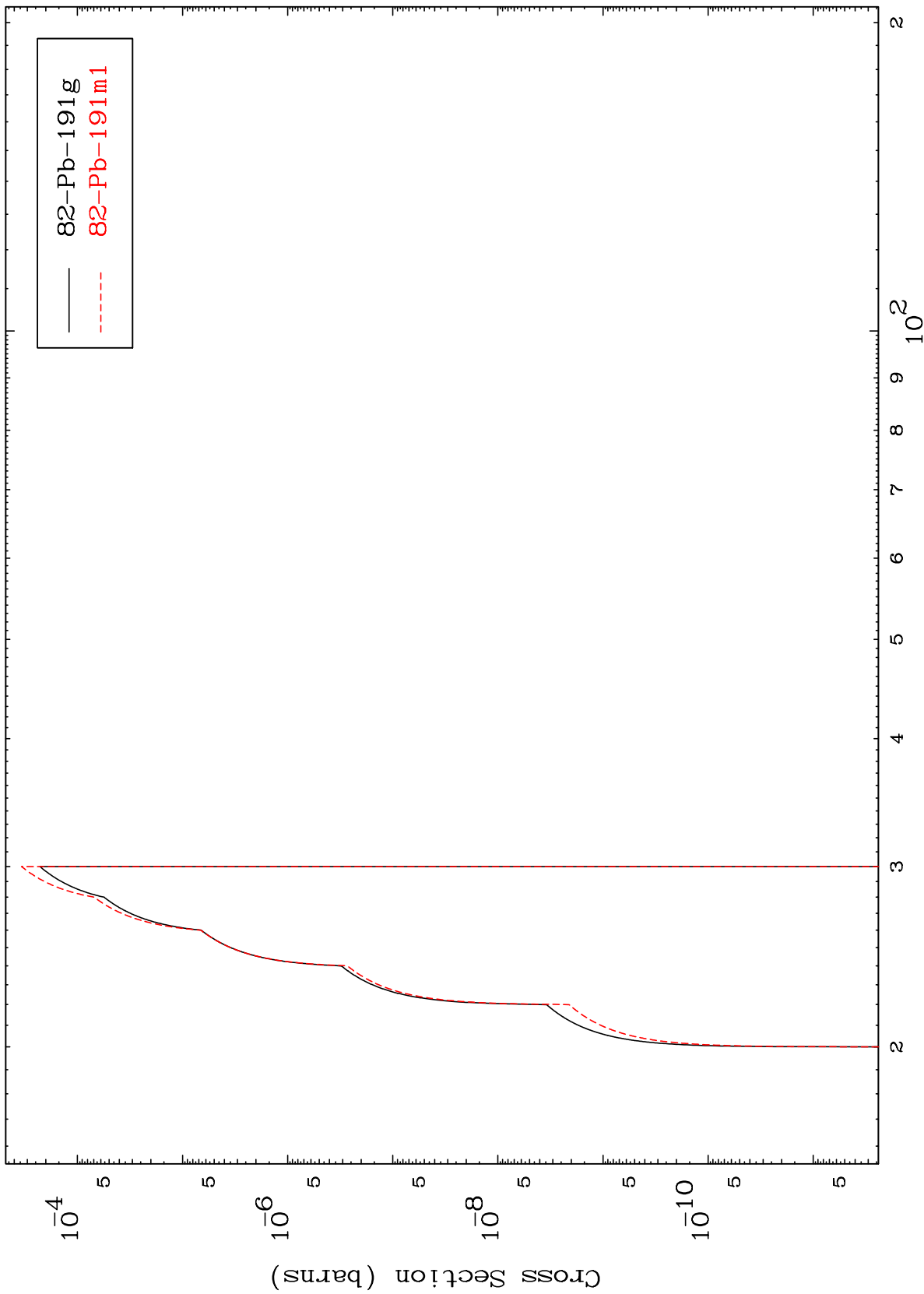
82-Pb-193

Radionuclide Production Cross Section

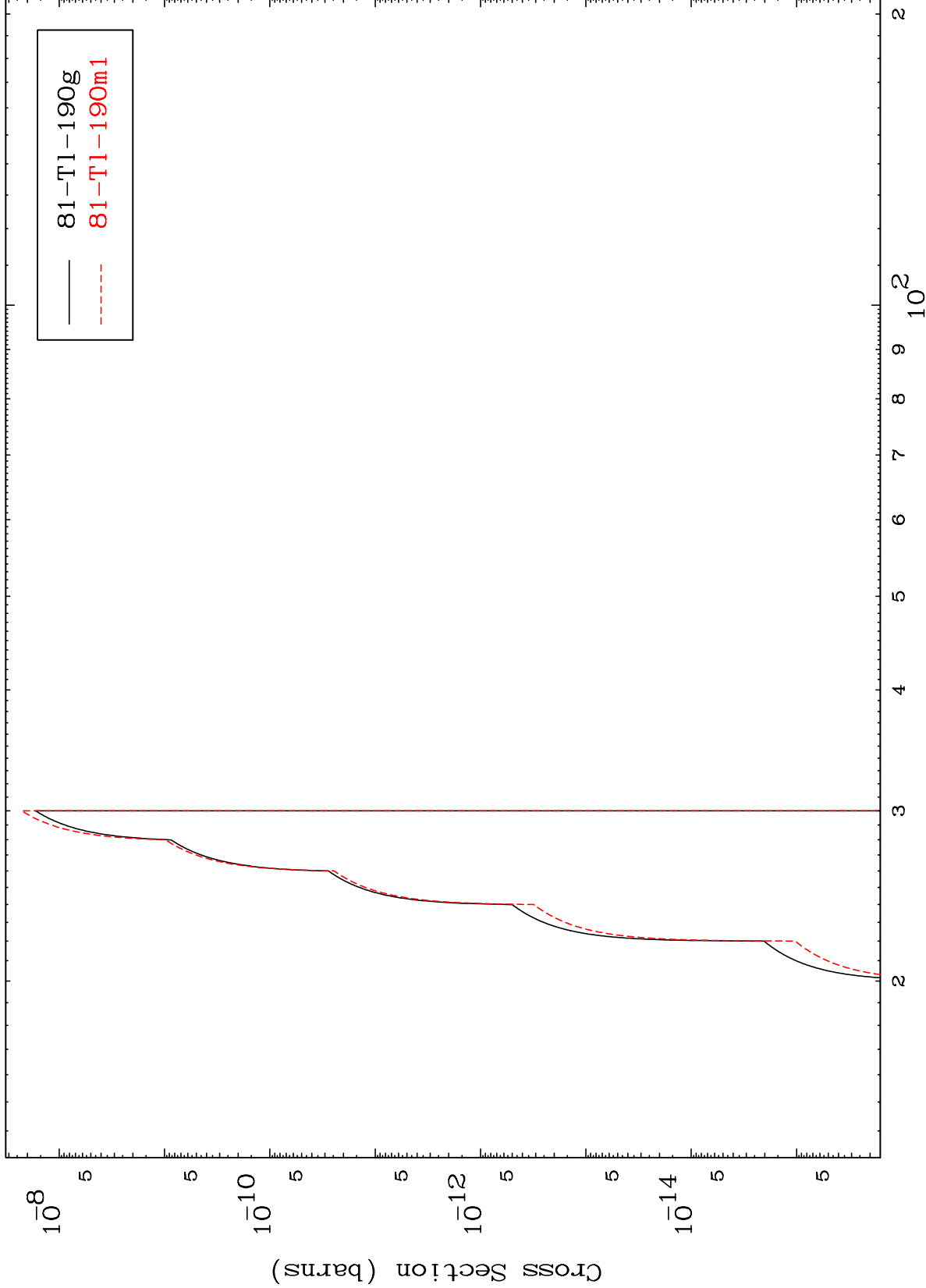


— 79-Au-185g  
- - - 79-Au-185m6

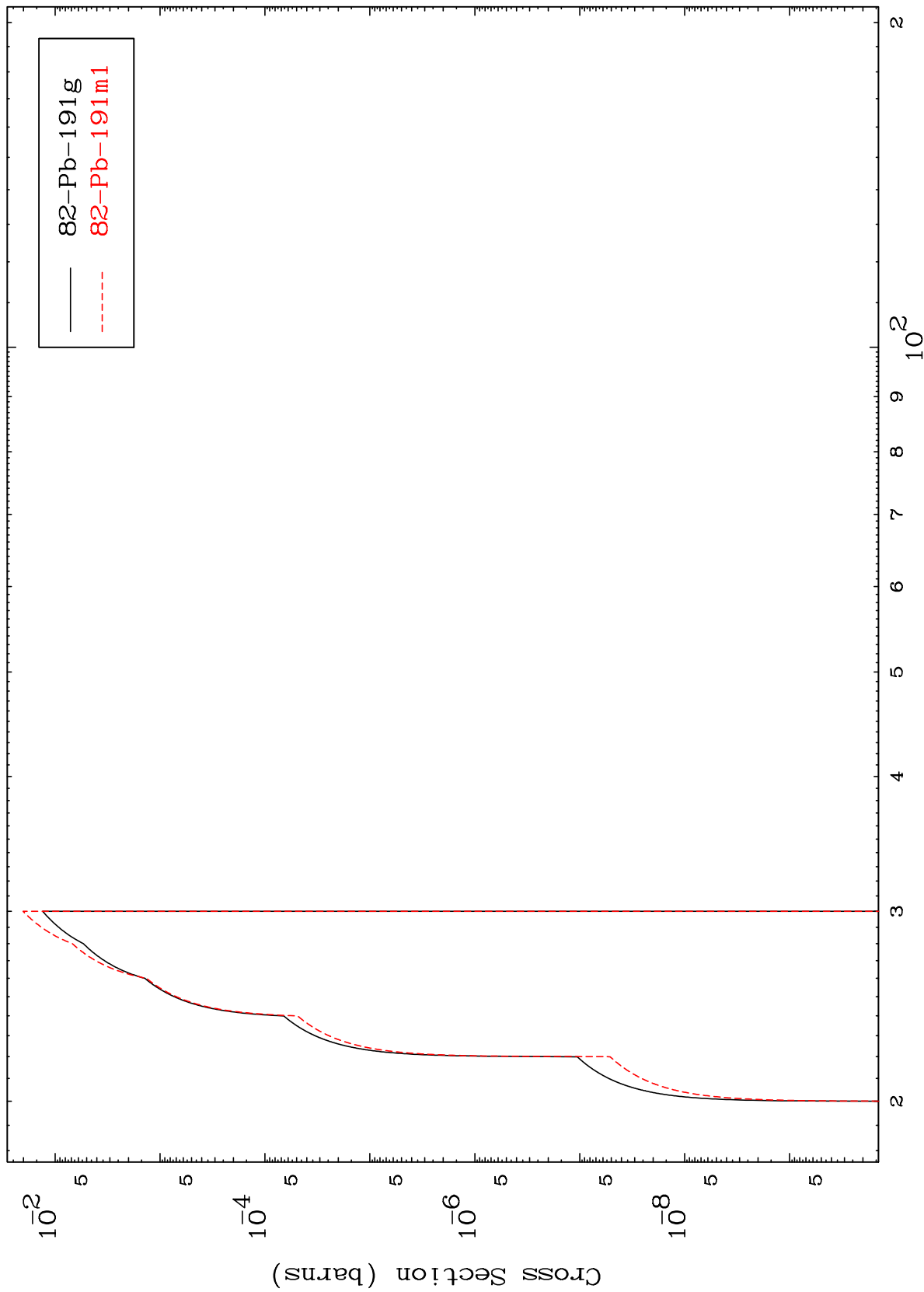
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

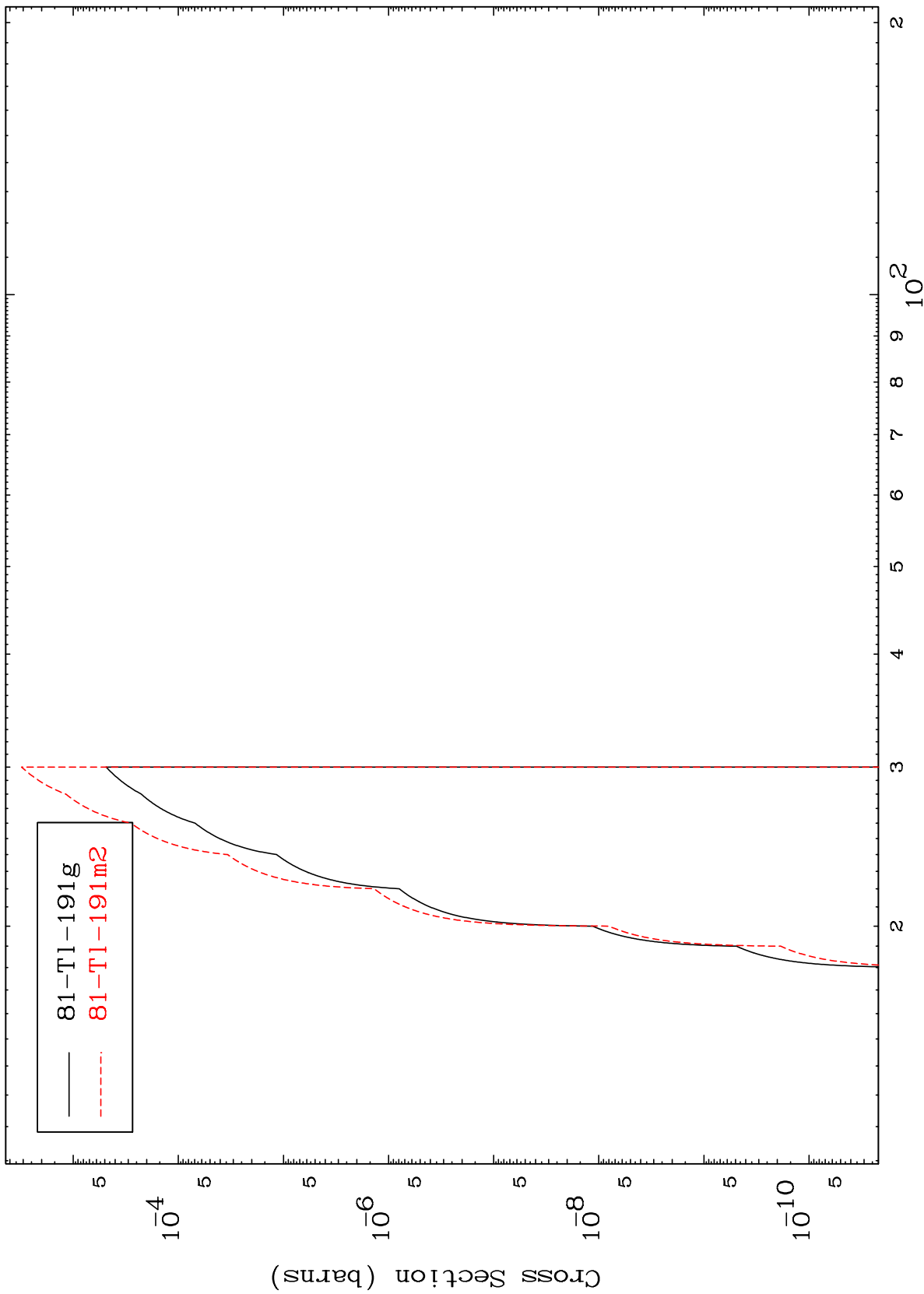


MAT 8192

(n,2n) p

82-Pb-193

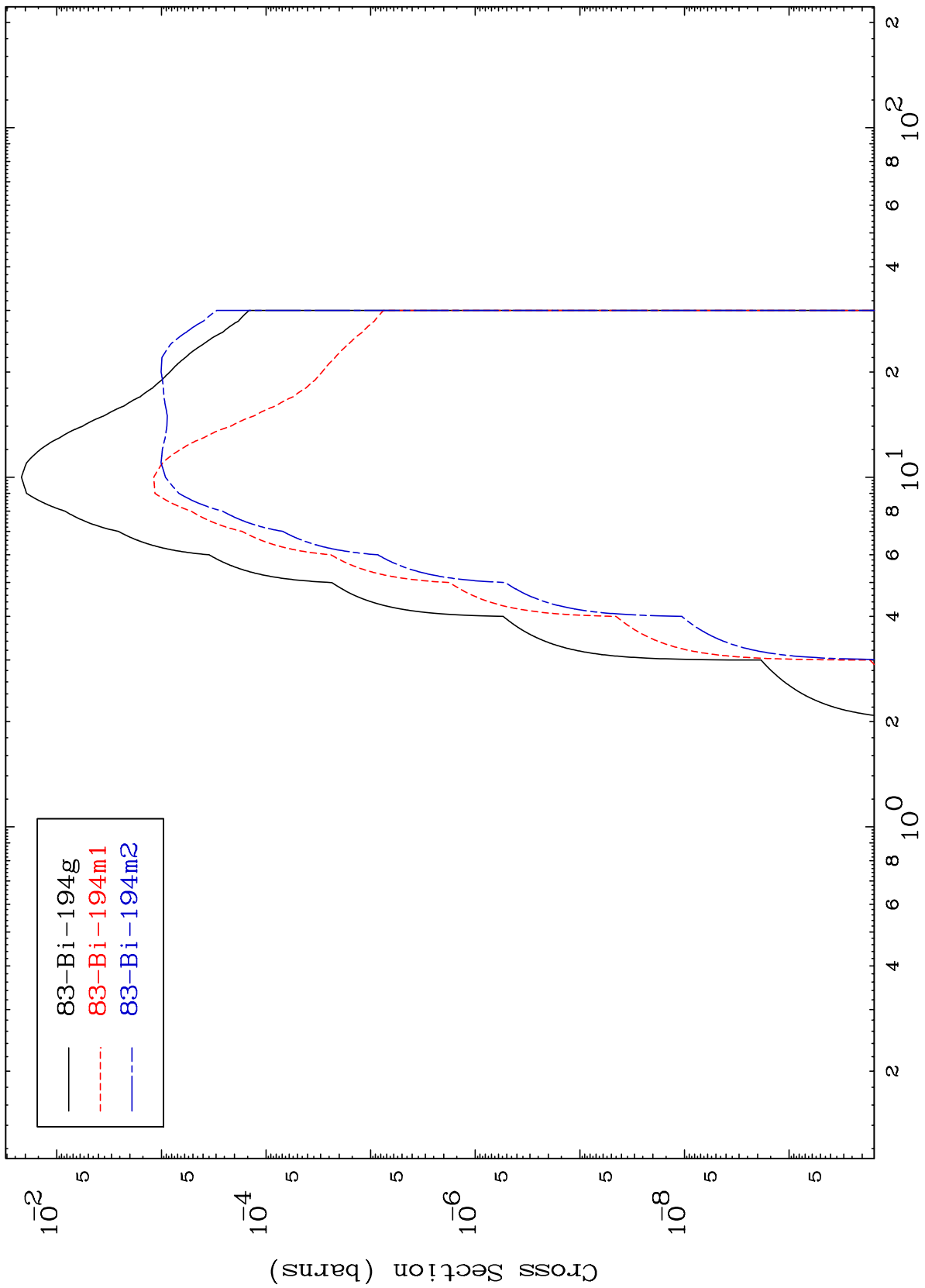
Radionuclide Production Cross Section



MAT 8192

82-Pb-193

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



83-Bi-194g  
83-Bi-194m1  
83-Bi-194m2

82-Pb-193

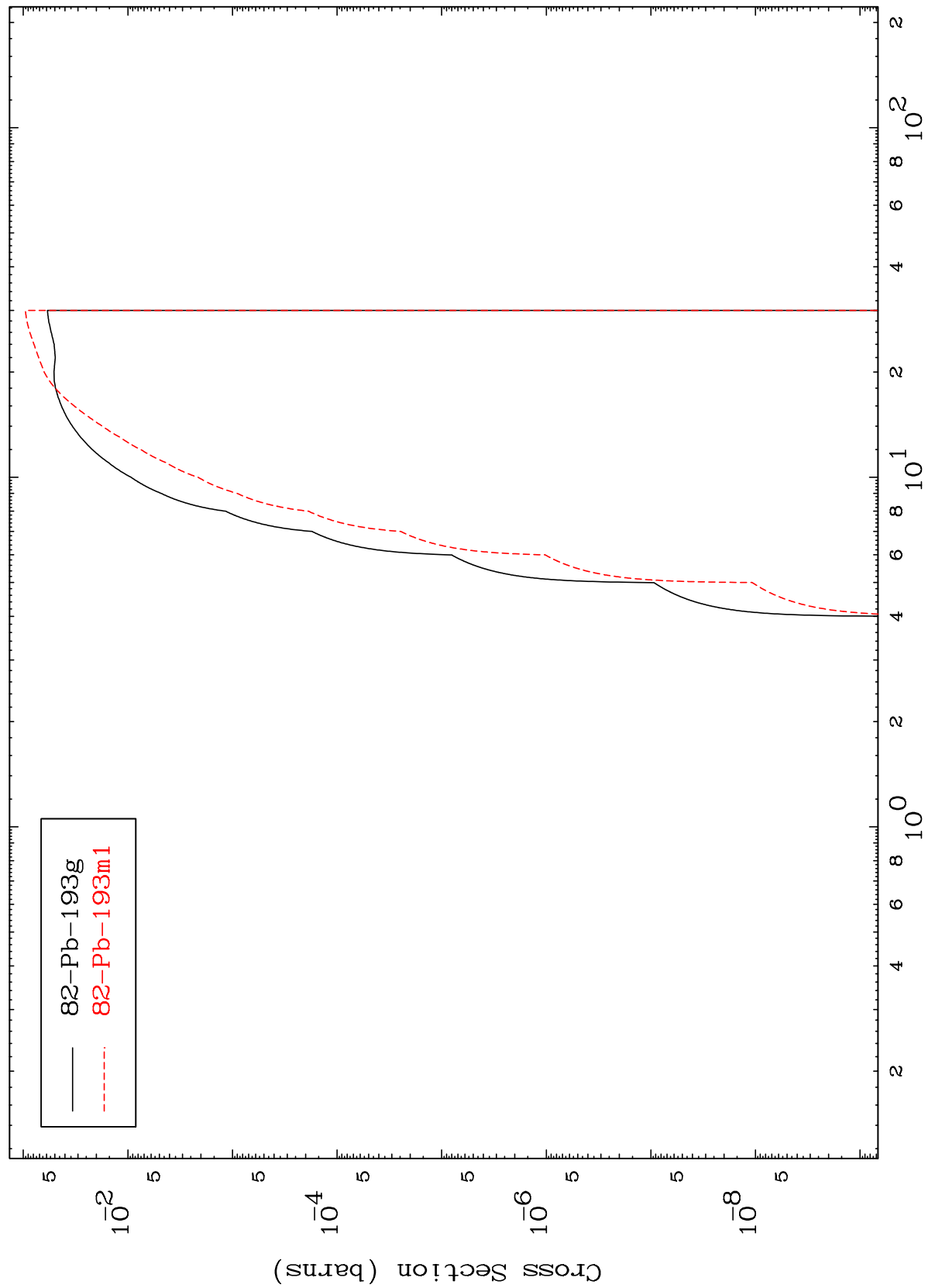
Incident Energy (MeV)

24

MAT 8192

82-Pb-193

(n,p)  
Radionuclide Production Cross Section



25

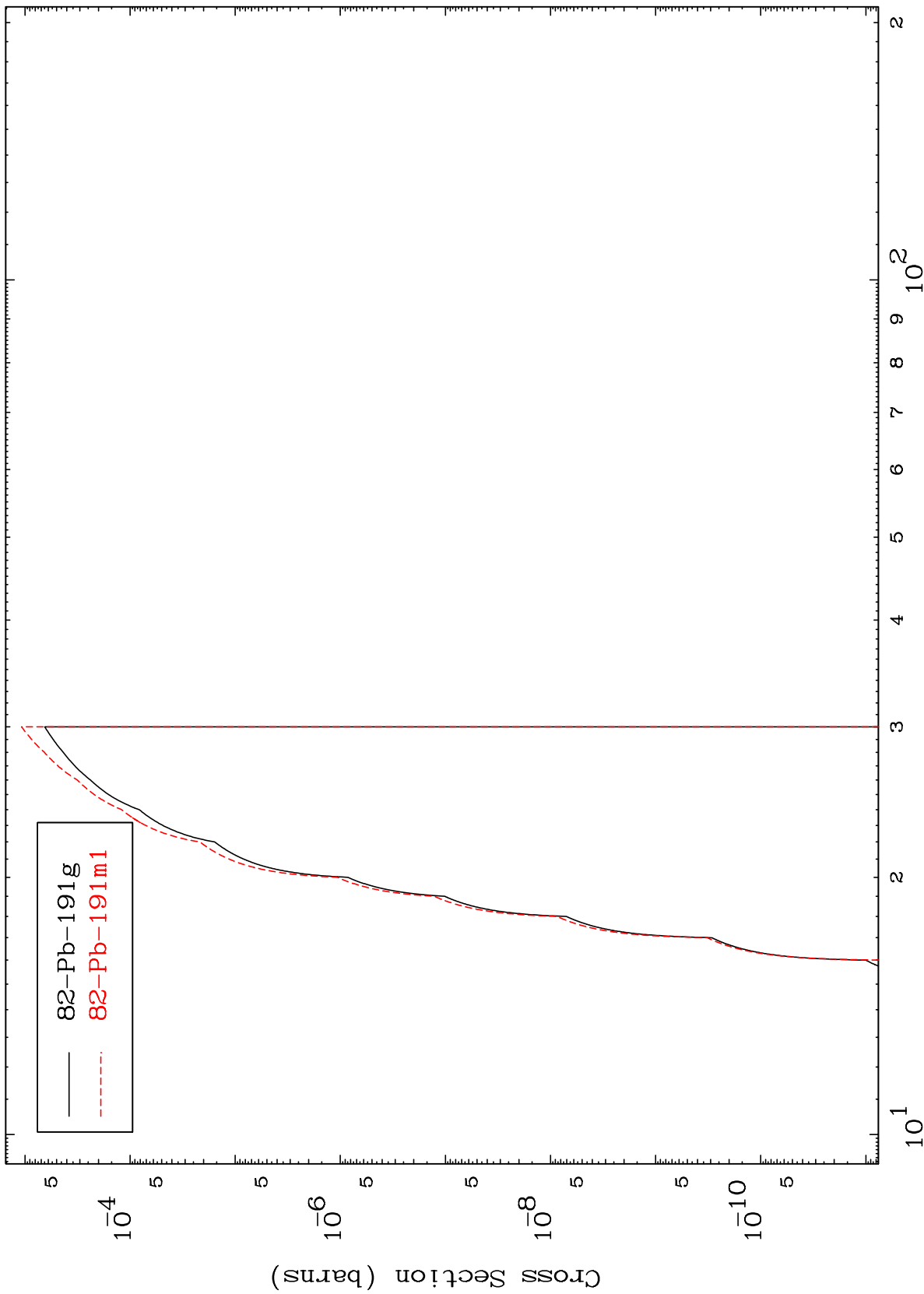
82-Pb-193

Incident Energy (MeV)

MAT 8192

82-Pb-193

(n, t)  
Radionuclide Production Cross Section



26

Incident Energy (MeV)

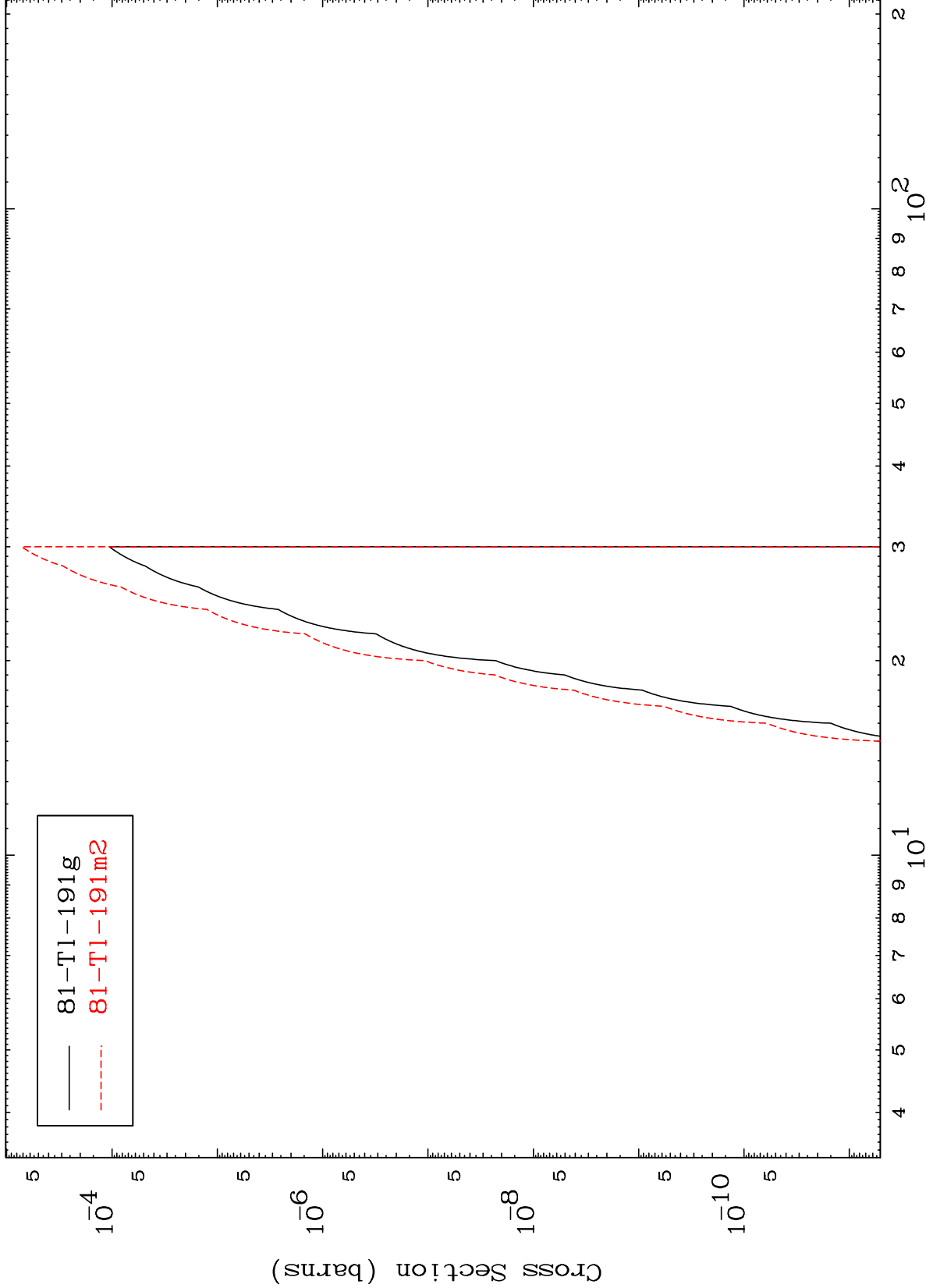
82-Pb-193

MAT 8192

(n,He-3)

82-Pb-193

Radionuclide Production Cross Section



27

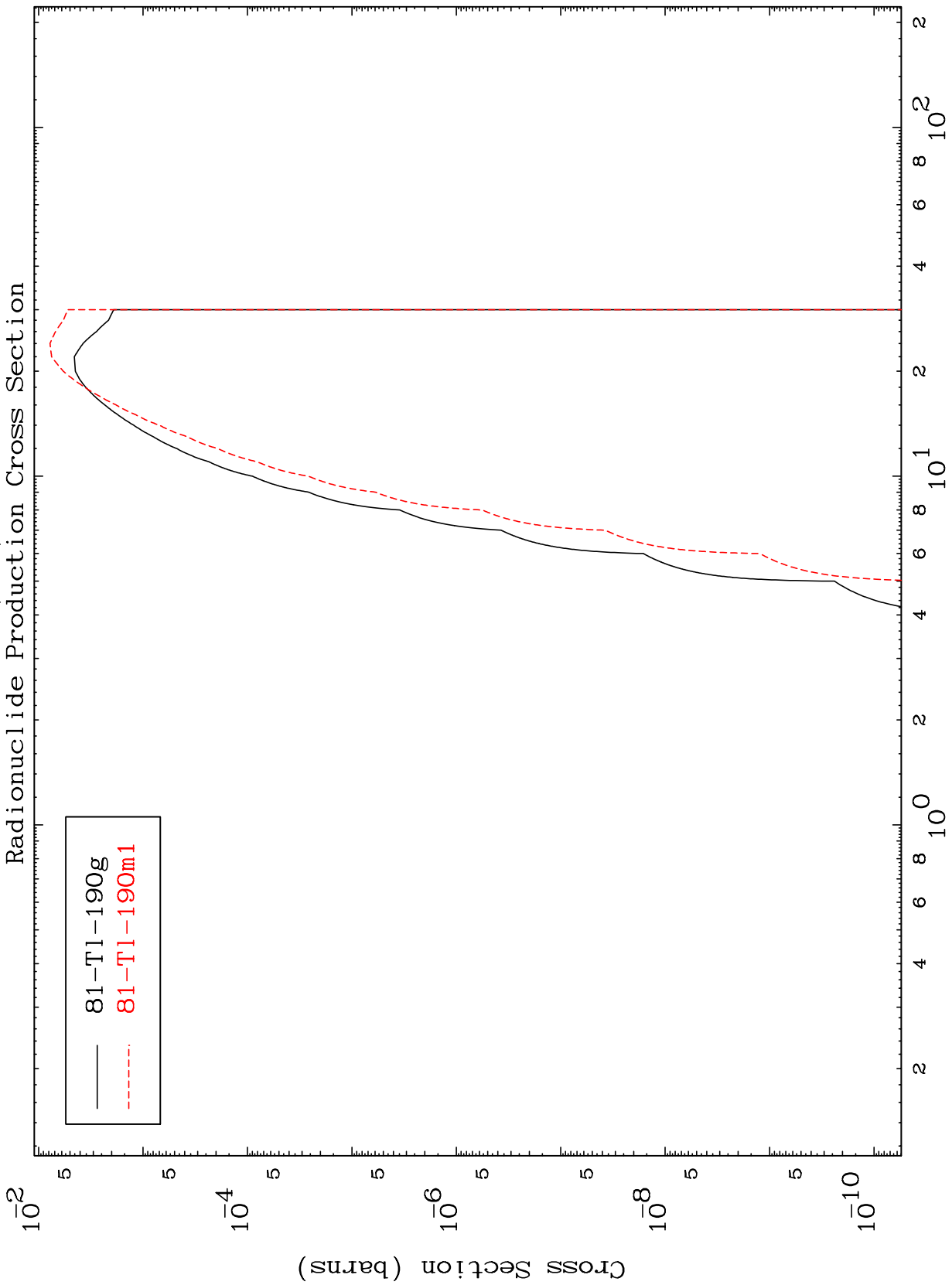
Incident Energy (MeV)

82-Pb-193

MAT 8192

82-Pb-193

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



28

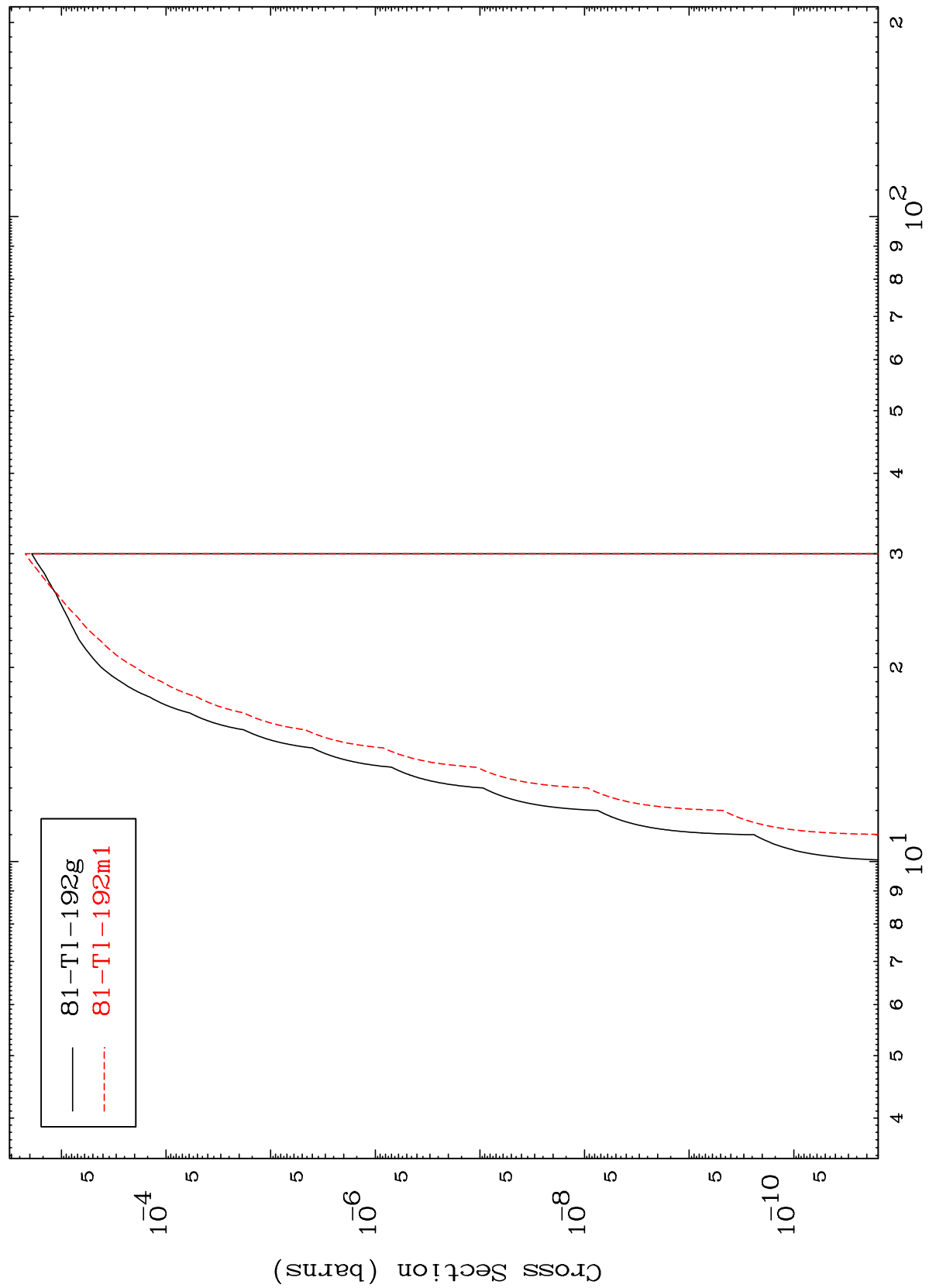
82-Pb-193

Incident Energy (MeV)

MAT 8192

82-Pb-193

Radionuclide Production Cross Section  
(n,2p)



29

82-Pb-193

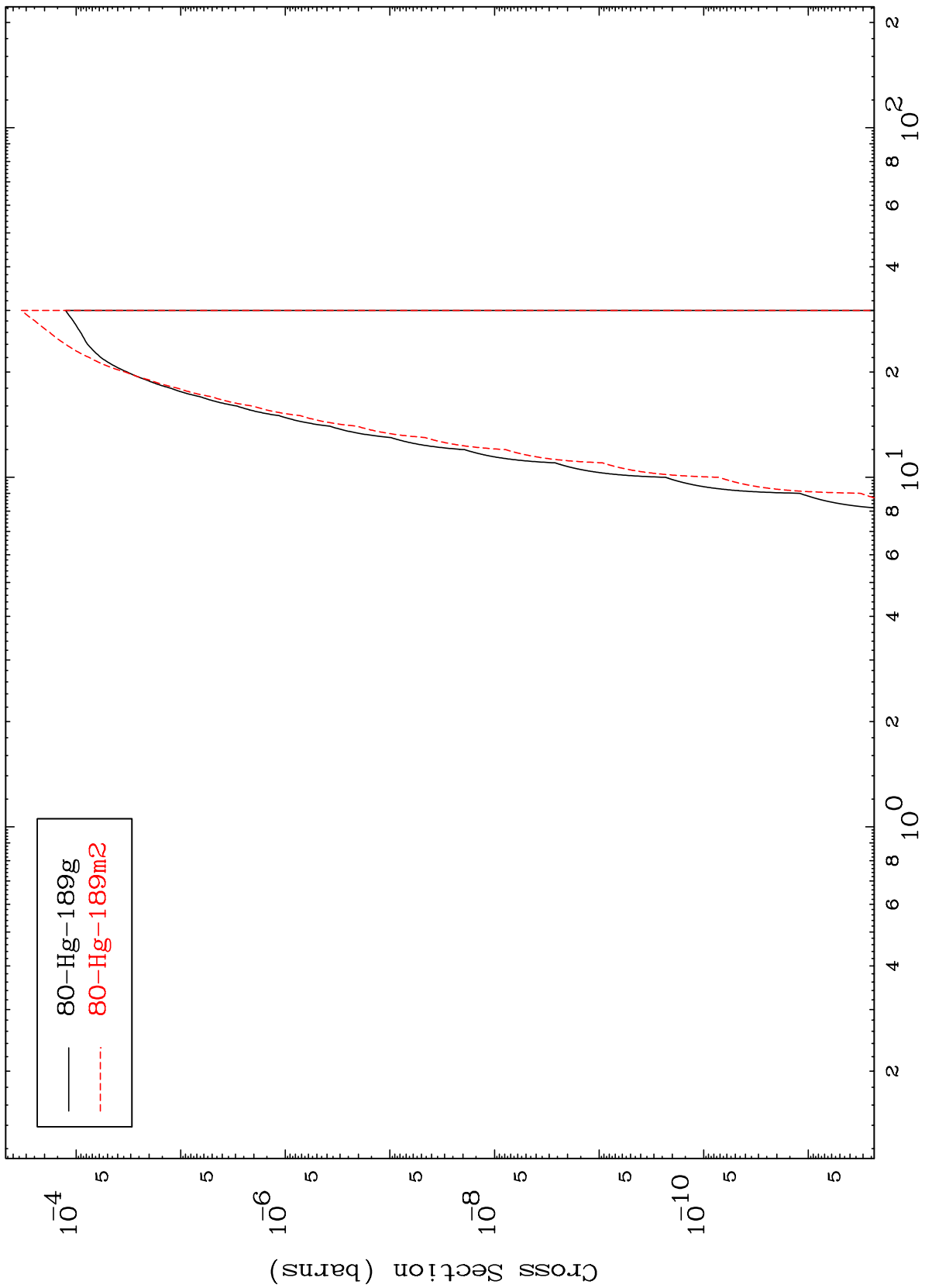
Incident Energy (MeV)

MAT 8192

(n,p)  $\alpha$

82-Pb-193

Radionuclide Production Cross Section



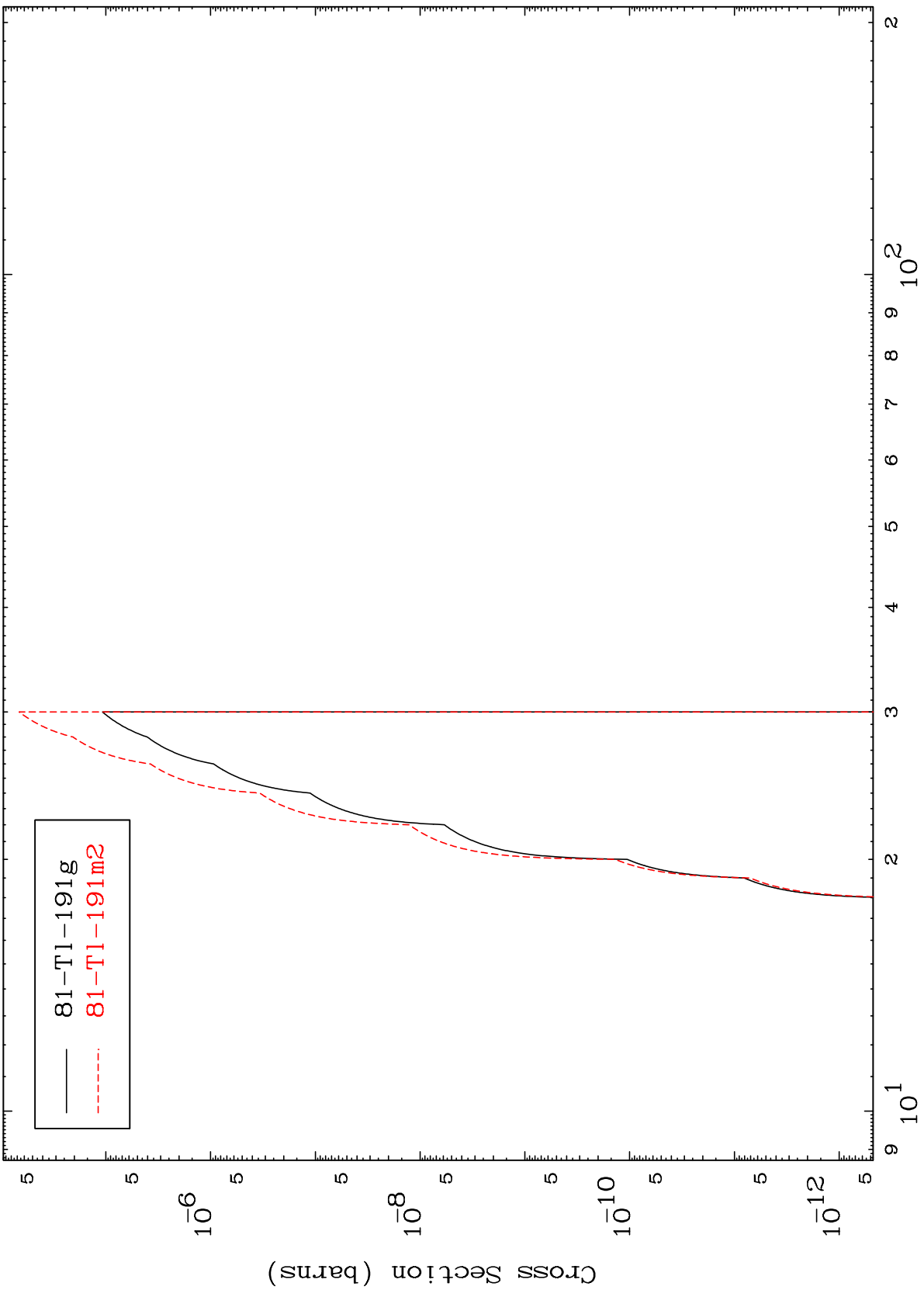
— 80-Hg-189g  
- - - 80-Hg-189m2

MAT 8192

(n,p) d

82-Pb-193

Radionuclide Production Cross Section



31

Incident Energy (MeV)

82-Pb-193

Radionuclide Production Cross Section

