

Program EVALPLOT  
(Version 2021-1)

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

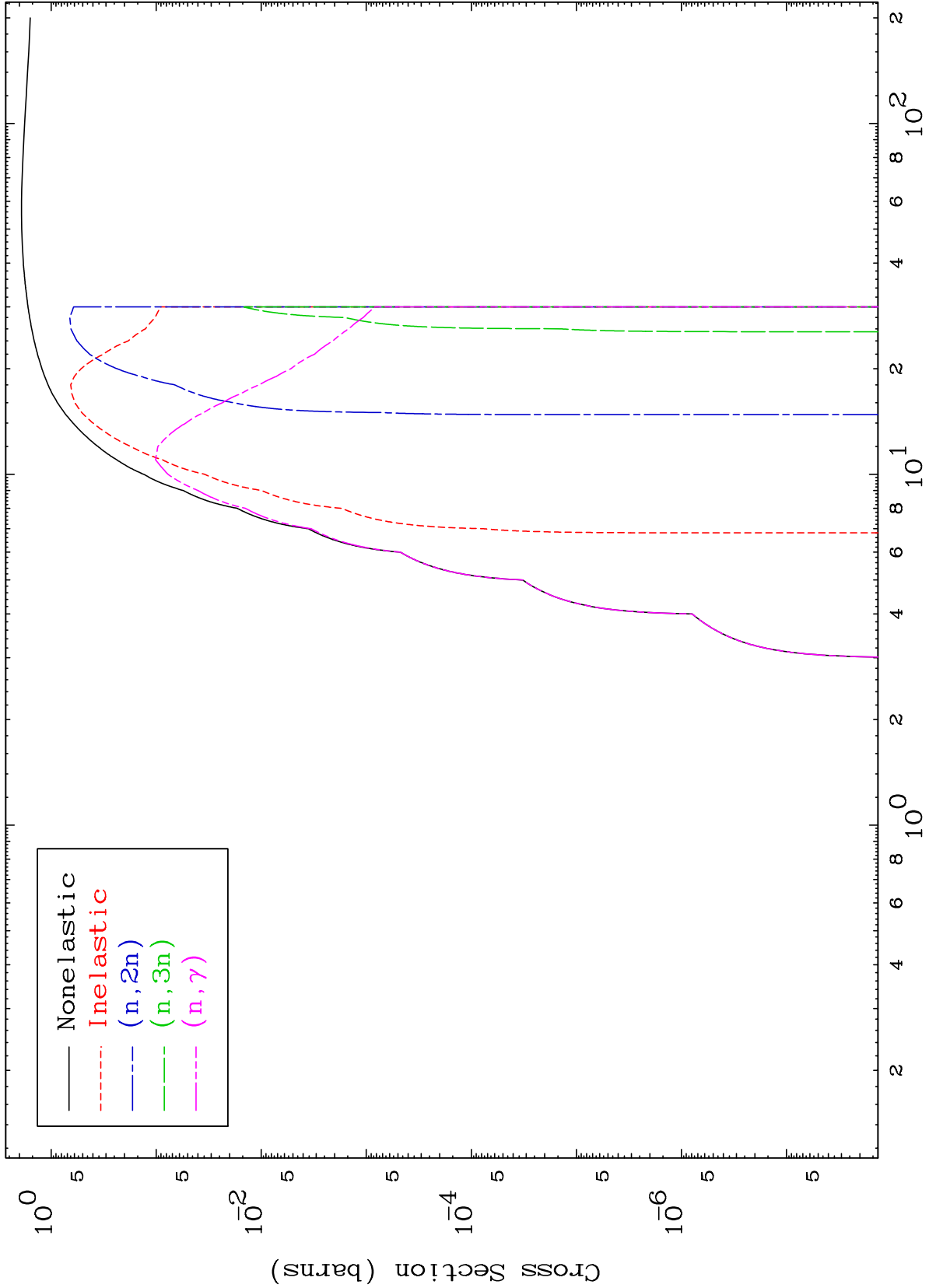
Press Mouse Button to Start

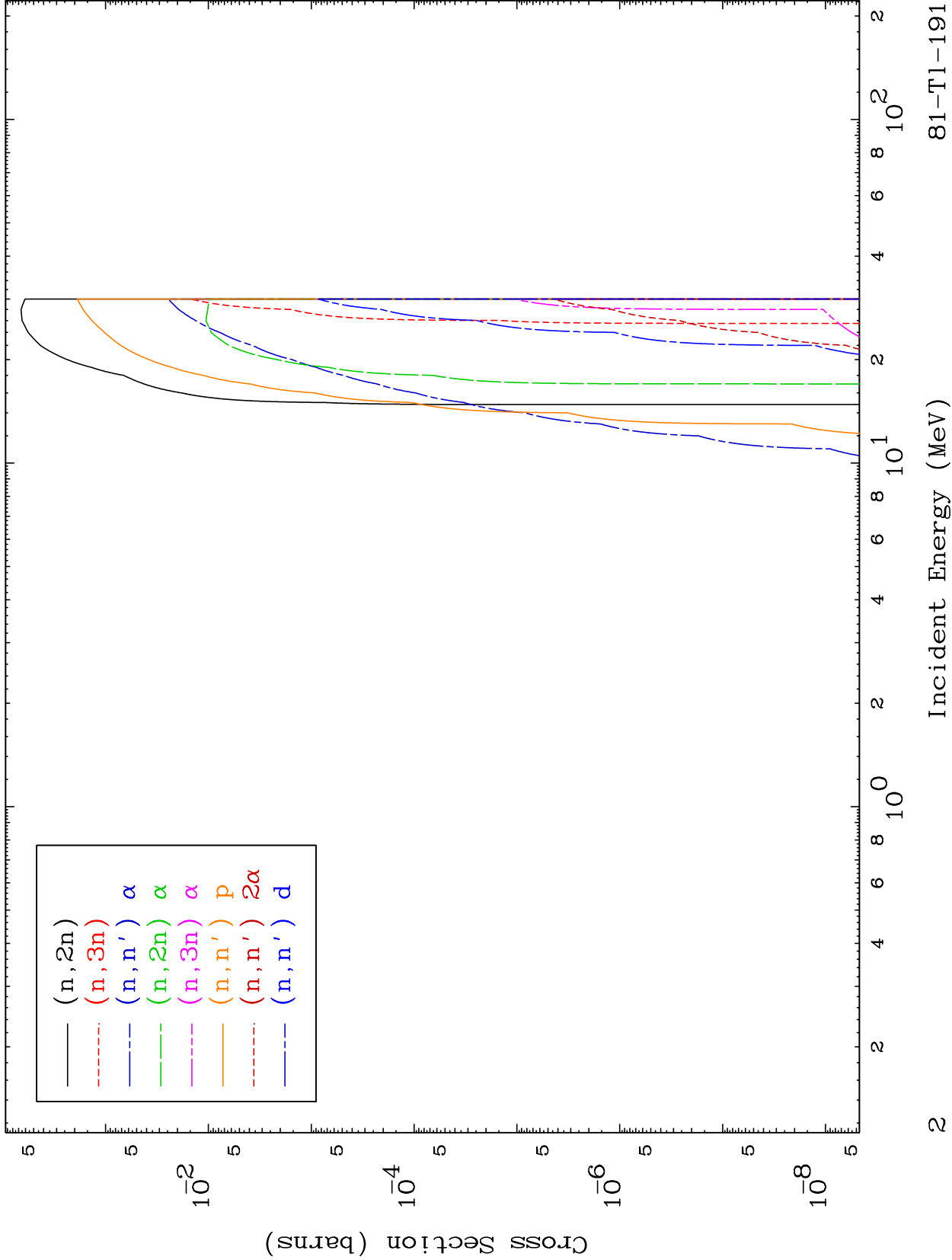
MAT 8089

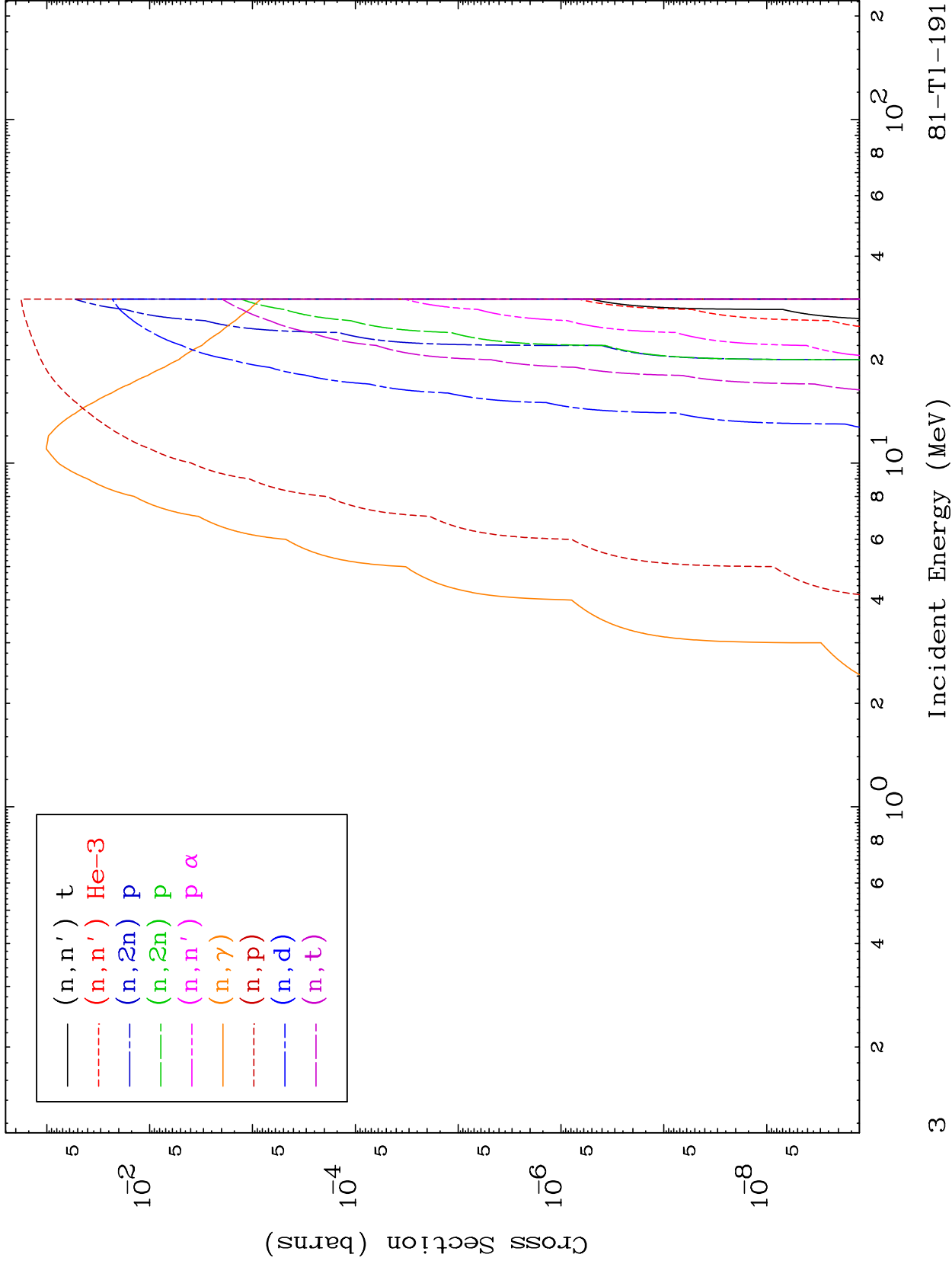
Proton Major

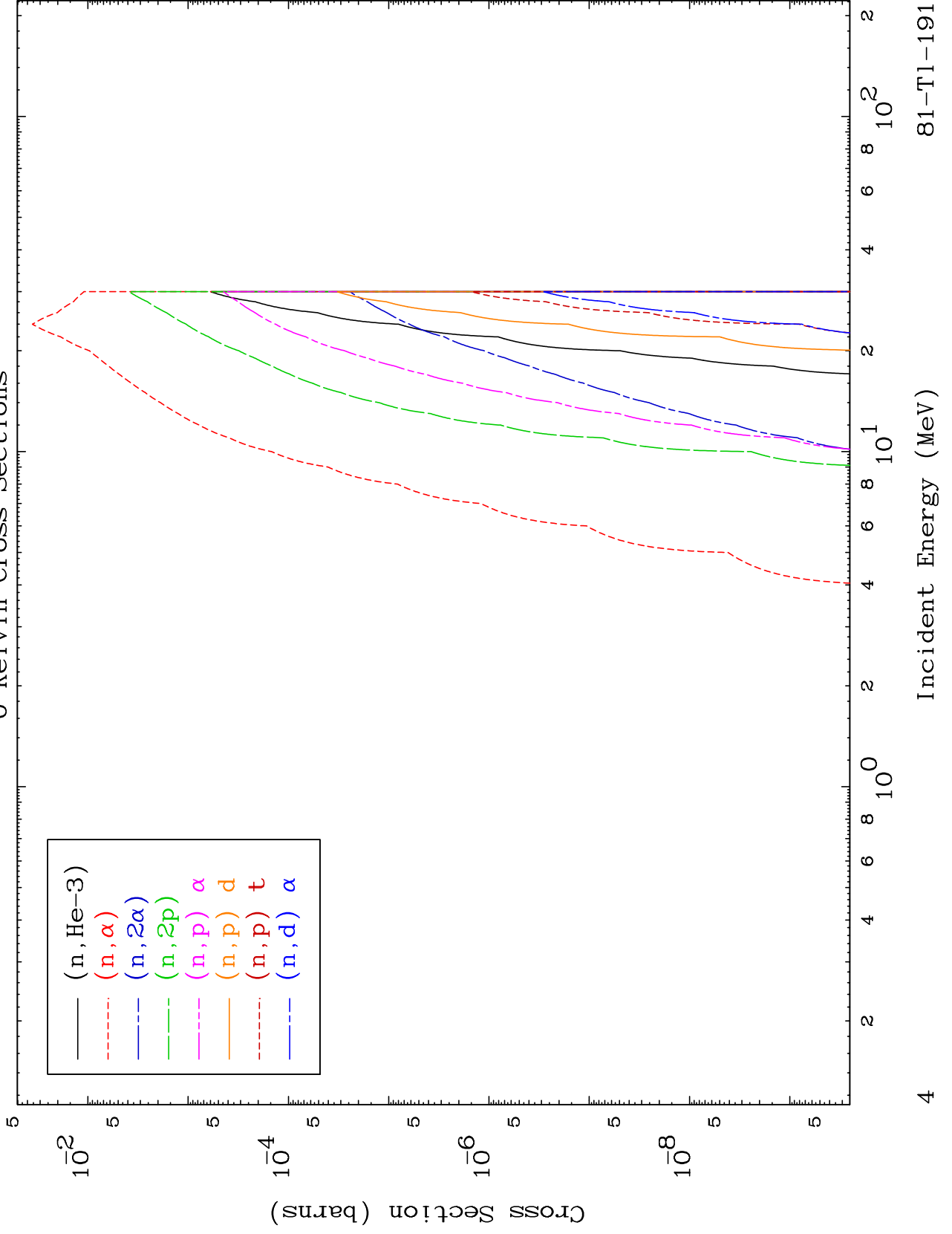
81-Tl-191

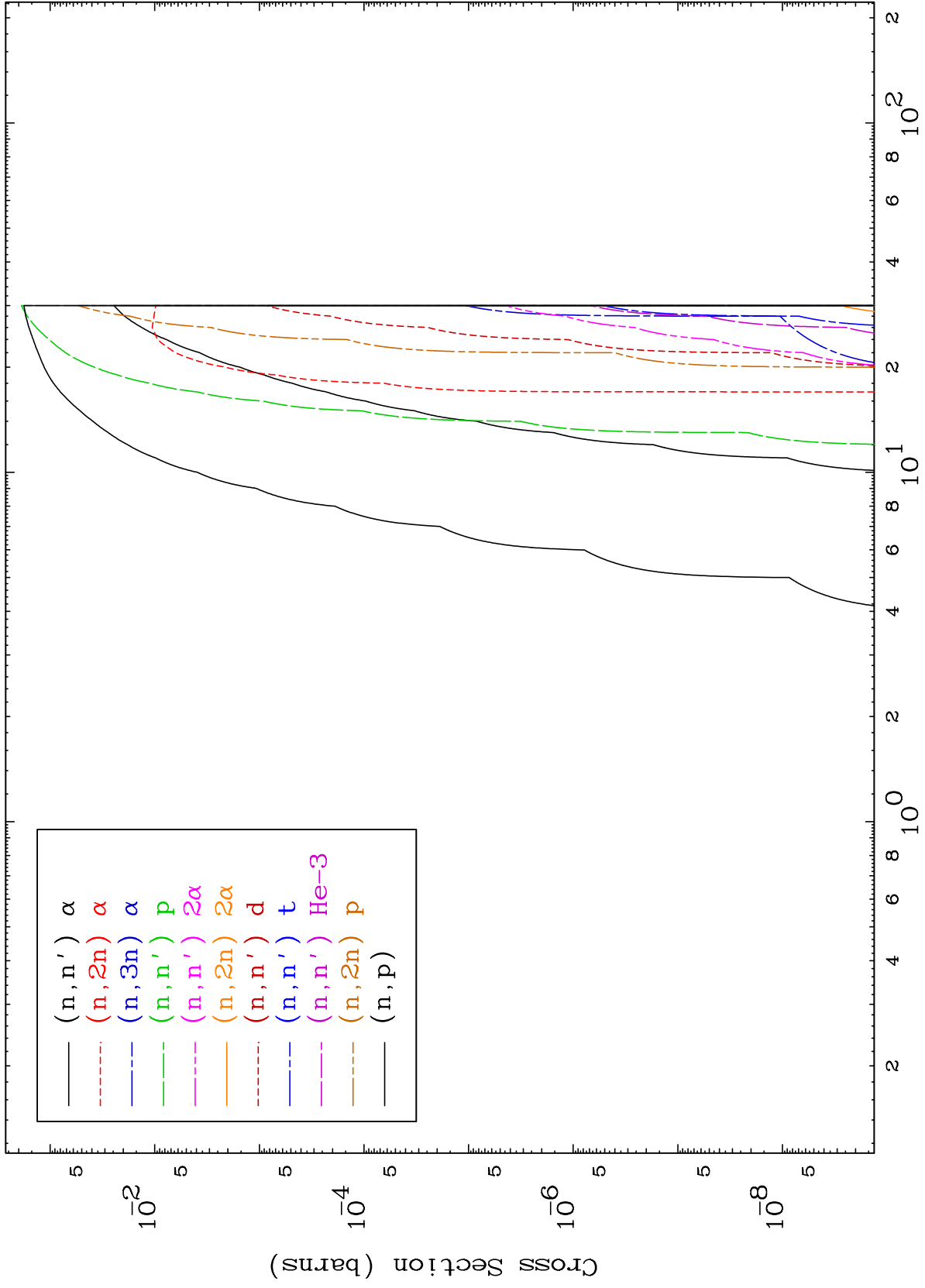
0 Kelvin Cross Sections

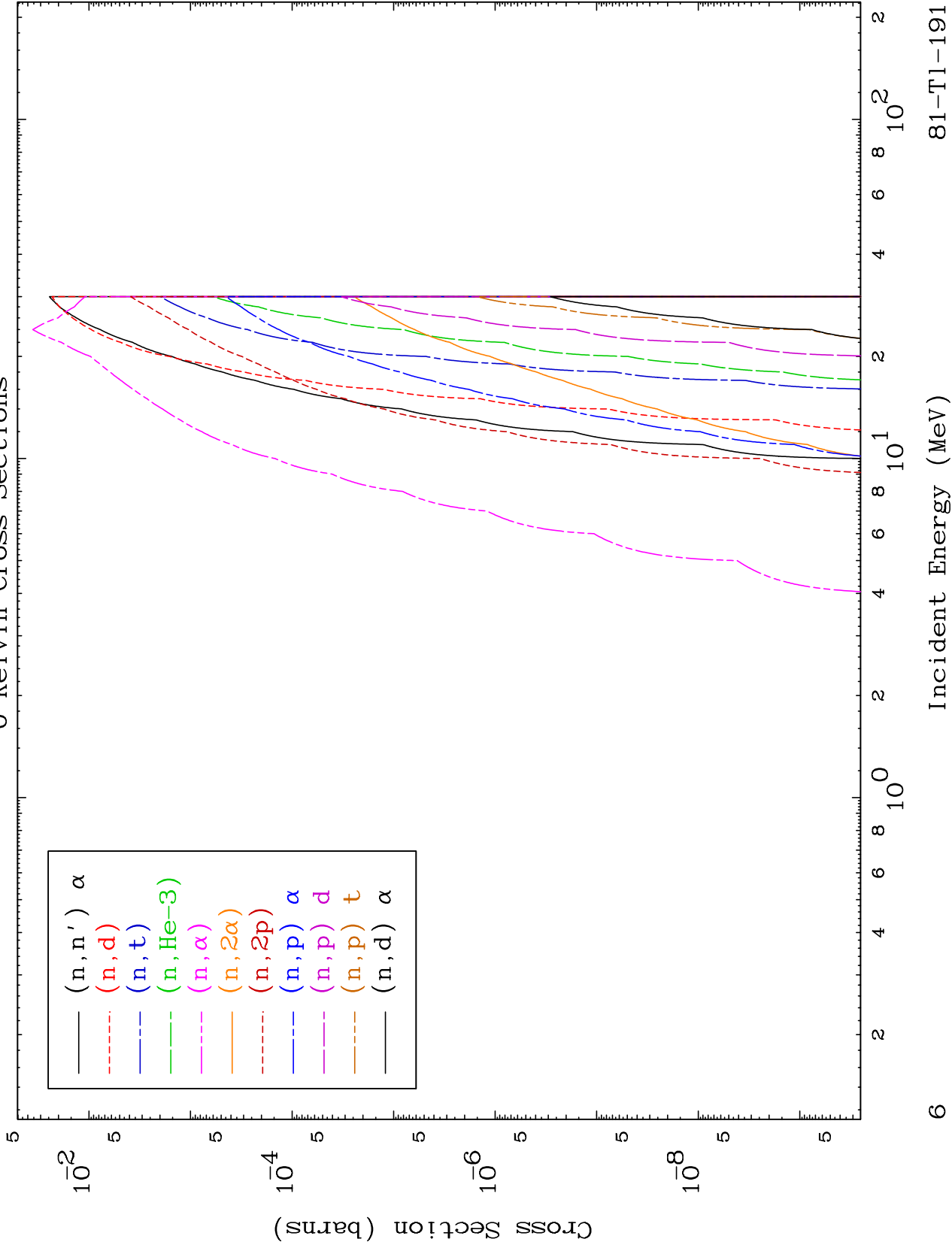










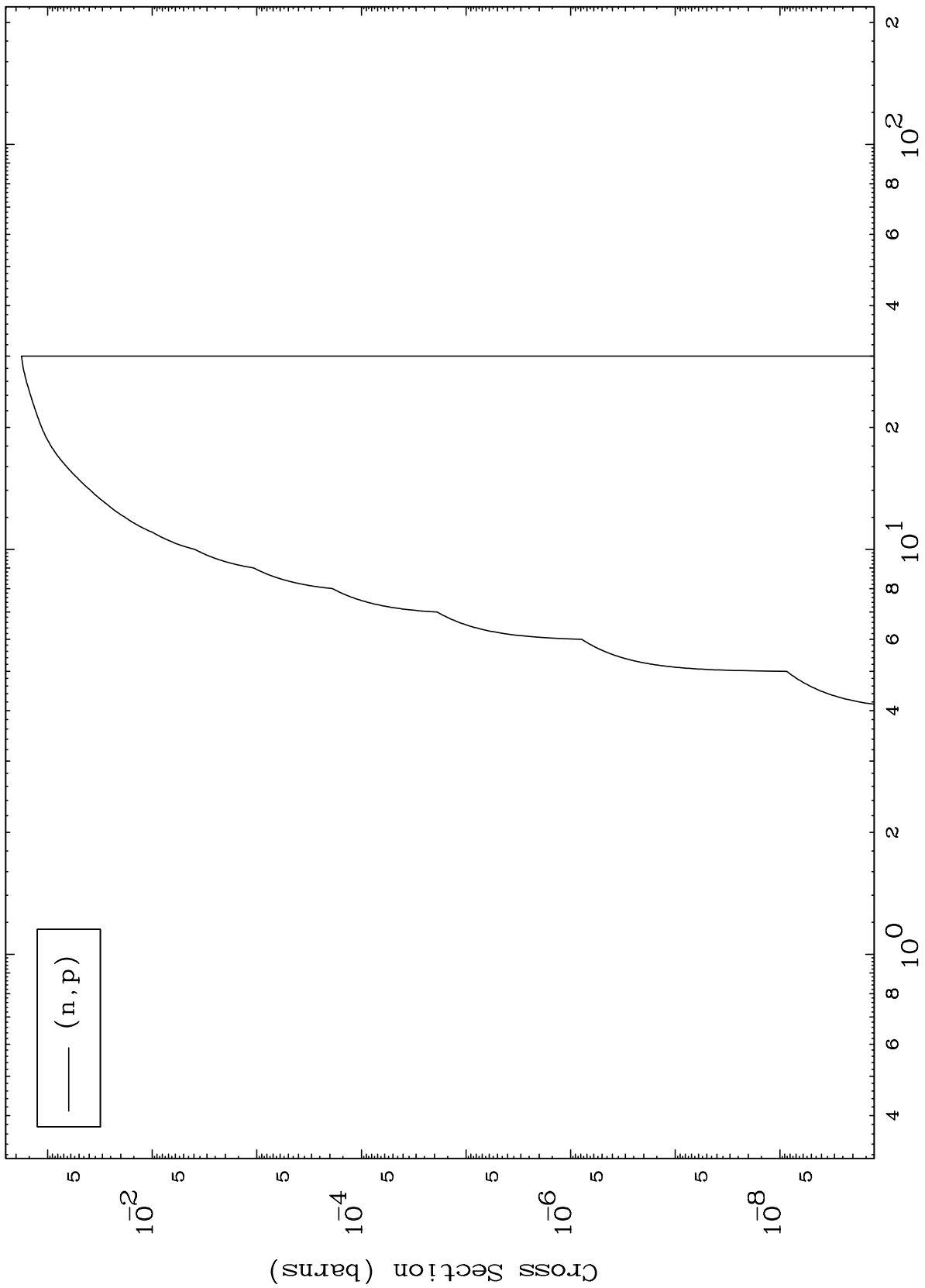


MAT 8089

(p,p) Levels

81-Tl-191

0 Kelvin Cross Sections

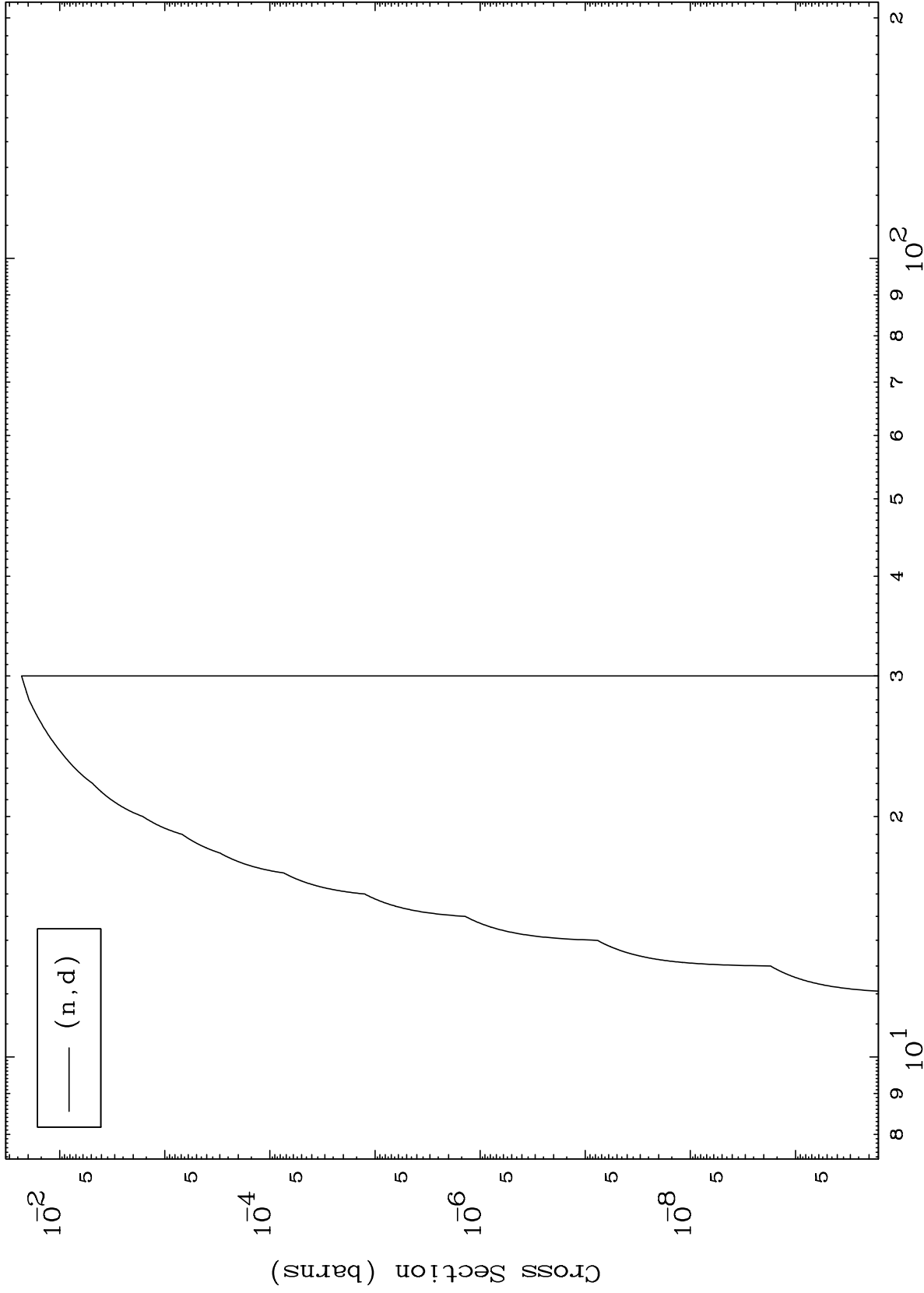




MAT 8089

(p,d) Levels  
0 Kelvin Cross Sections

81-Tl-191



8

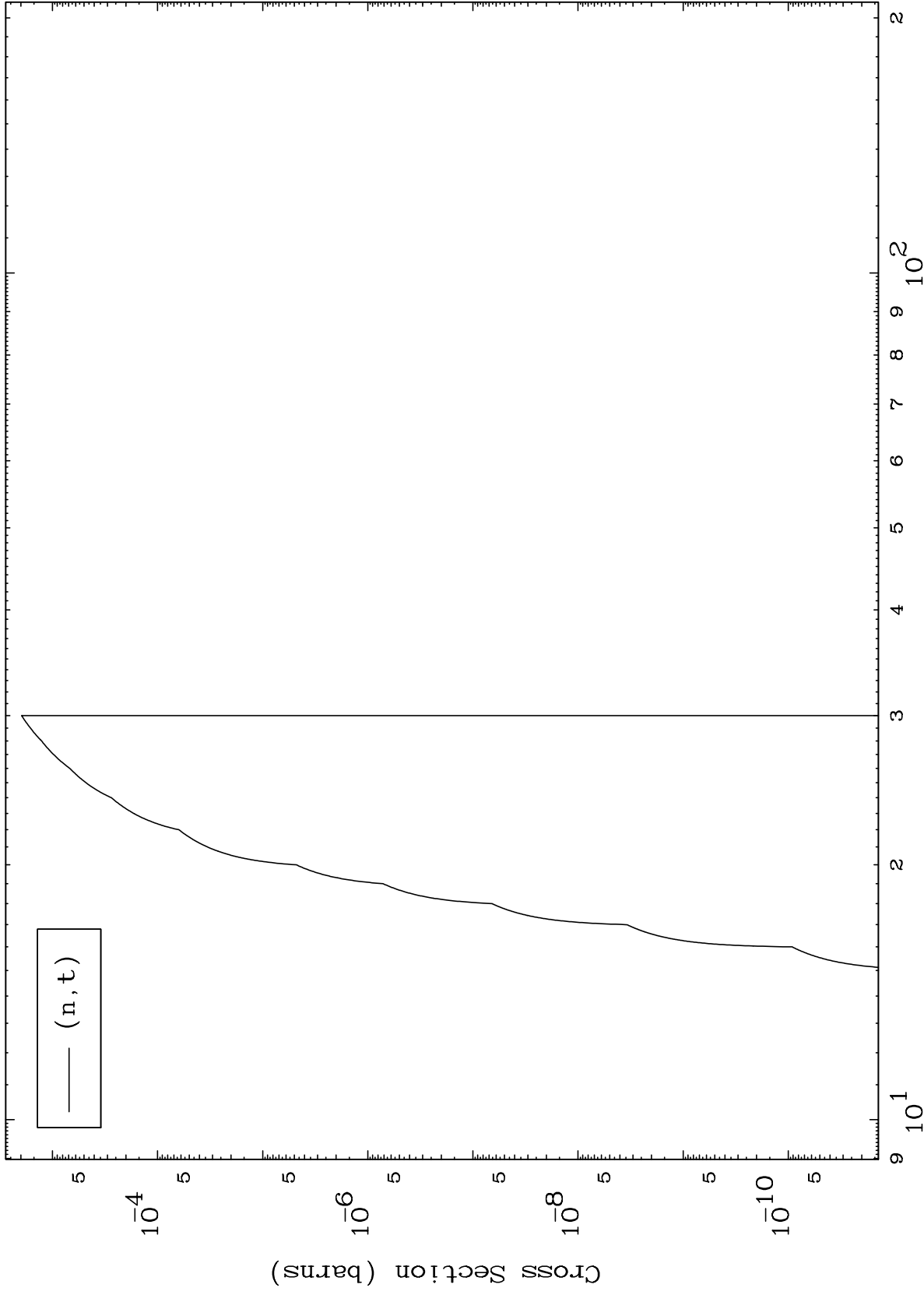
Incident Energy (MeV)

81-Tl-191

MAT 8089

(p,t) Levels  
0 Kelvin Cross Sections

81-Tl-191



9

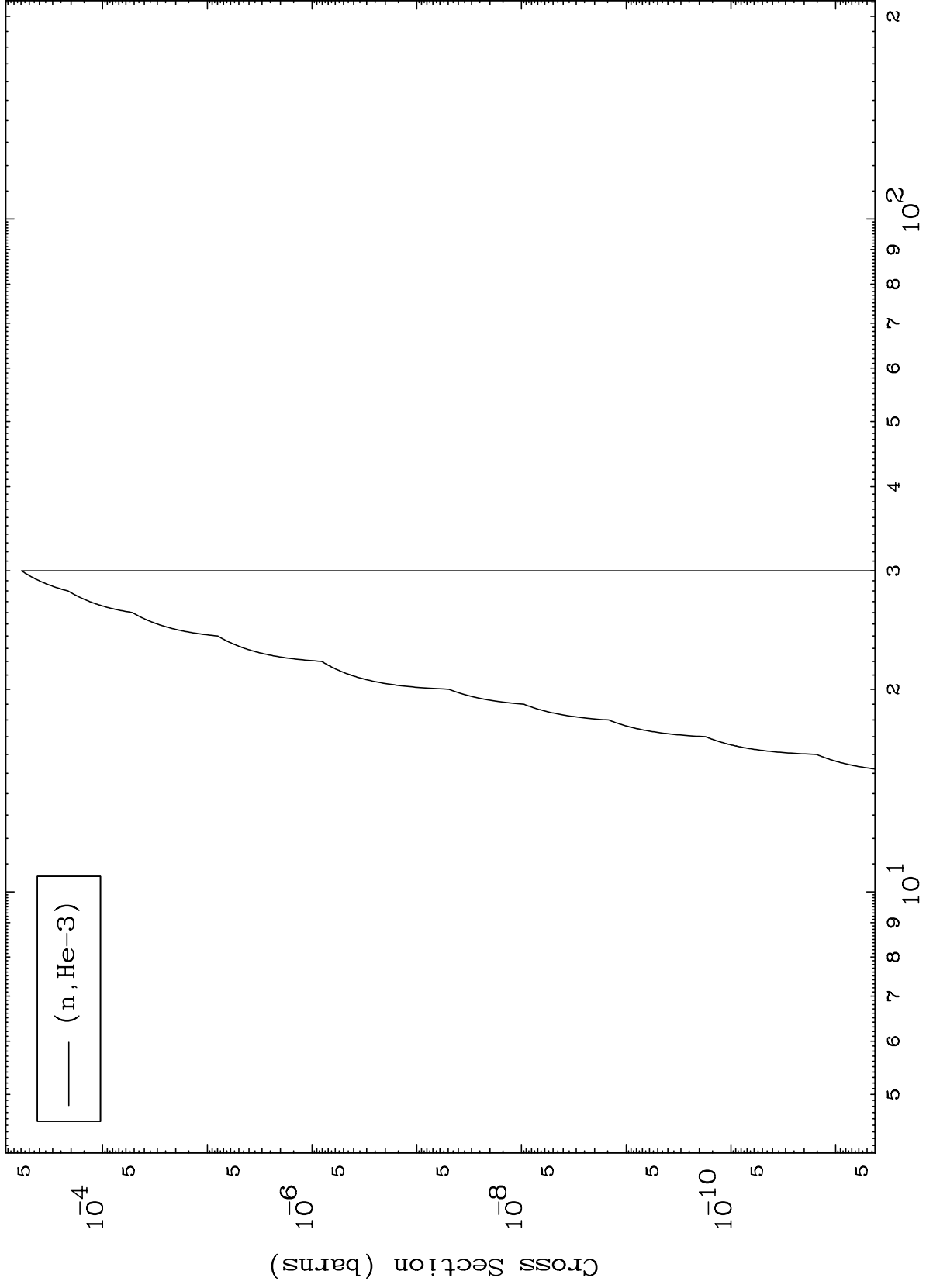
Incident Energy (MeV)

81-Tl-191

MAT 8089

(p,He3) Levels  
0 Kelvin Cross Sections

81-Tl-191



10

Incident Energy (MeV)

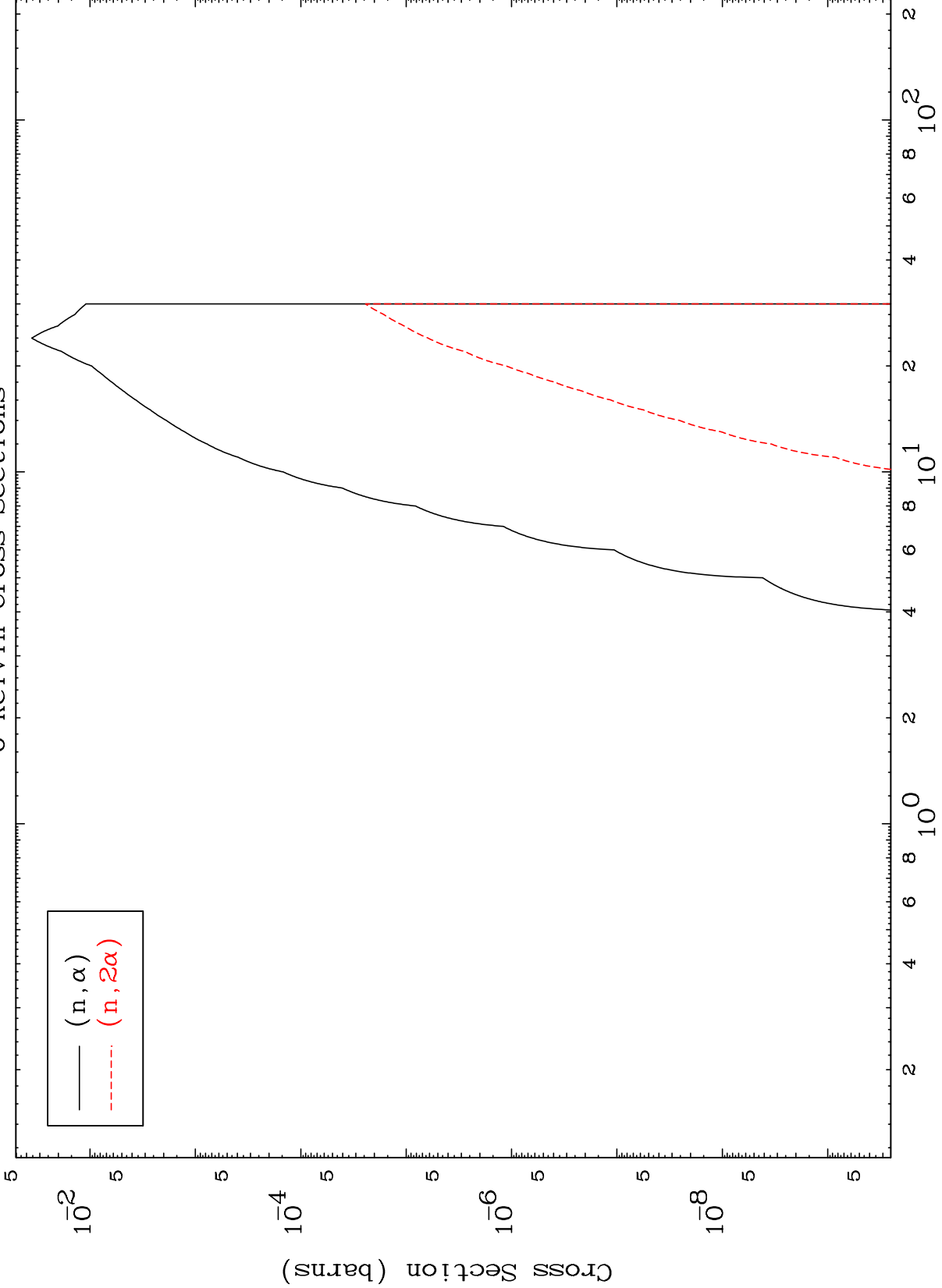
81-Tl-191

MAT 8089

(p,  $\alpha$ ) Levels

81-Tl-191

0 Kelvin Cross Sections

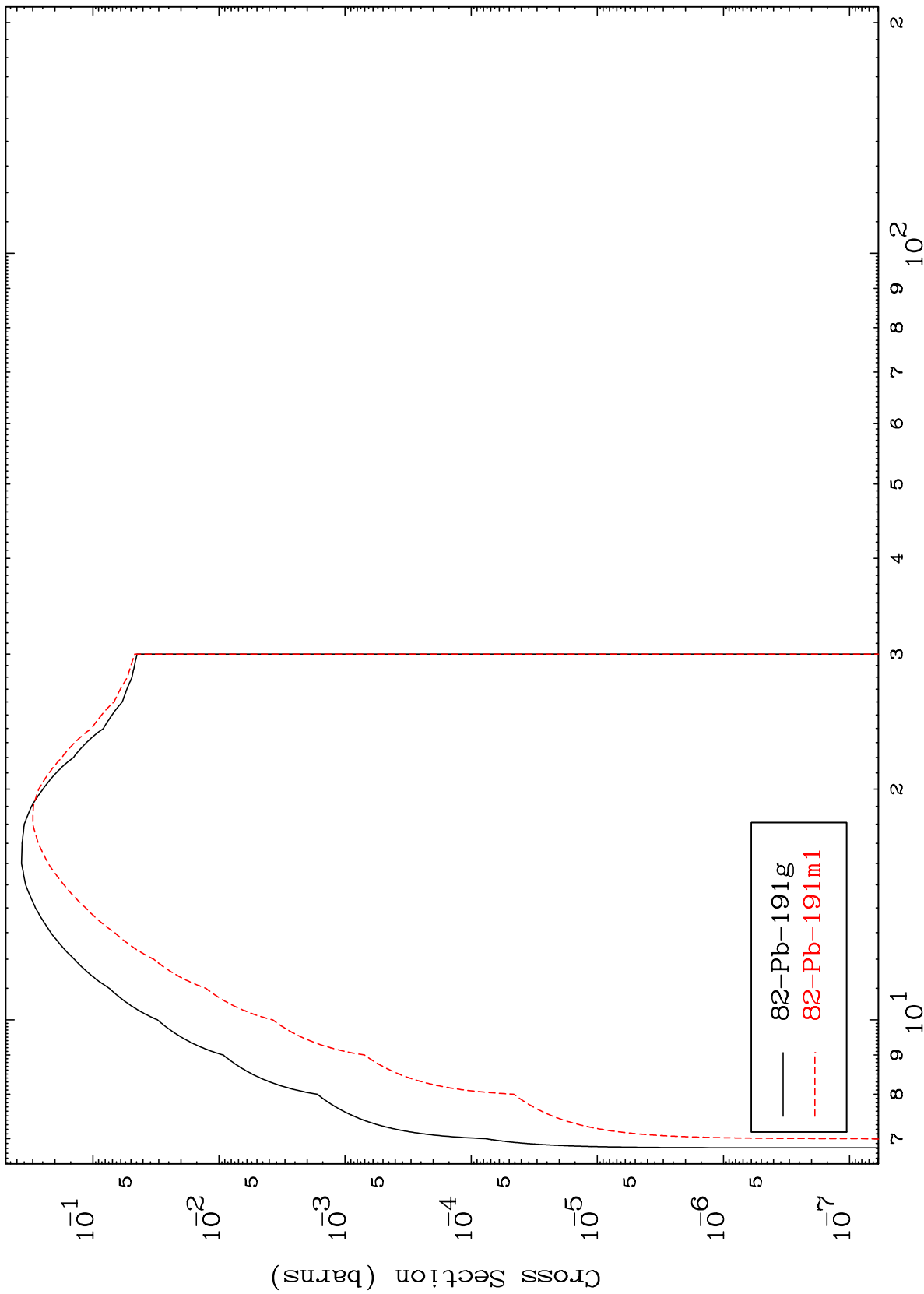


(n,  $\alpha$ )  
(n,  $2\alpha$ )

MAT 8089

81-Tl-191

Inelastic  
Radionuclide Production Cross Section



81-Tl-191

Incident Energy (MeV)

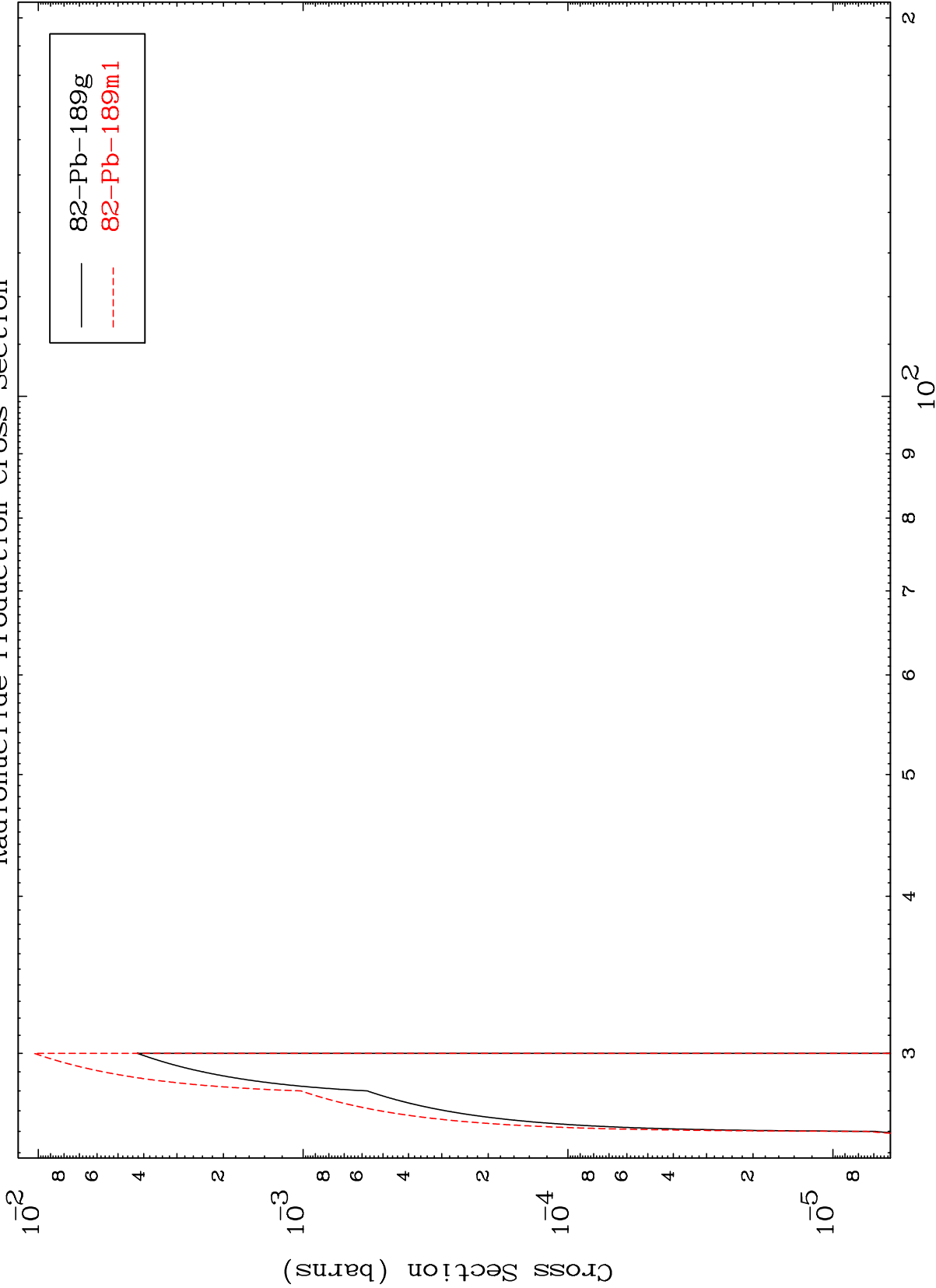
12

MAT 8089

(n,3n)

81-Tl-191

Radionuclide Production Cross Section



13

Incident Energy (MeV)

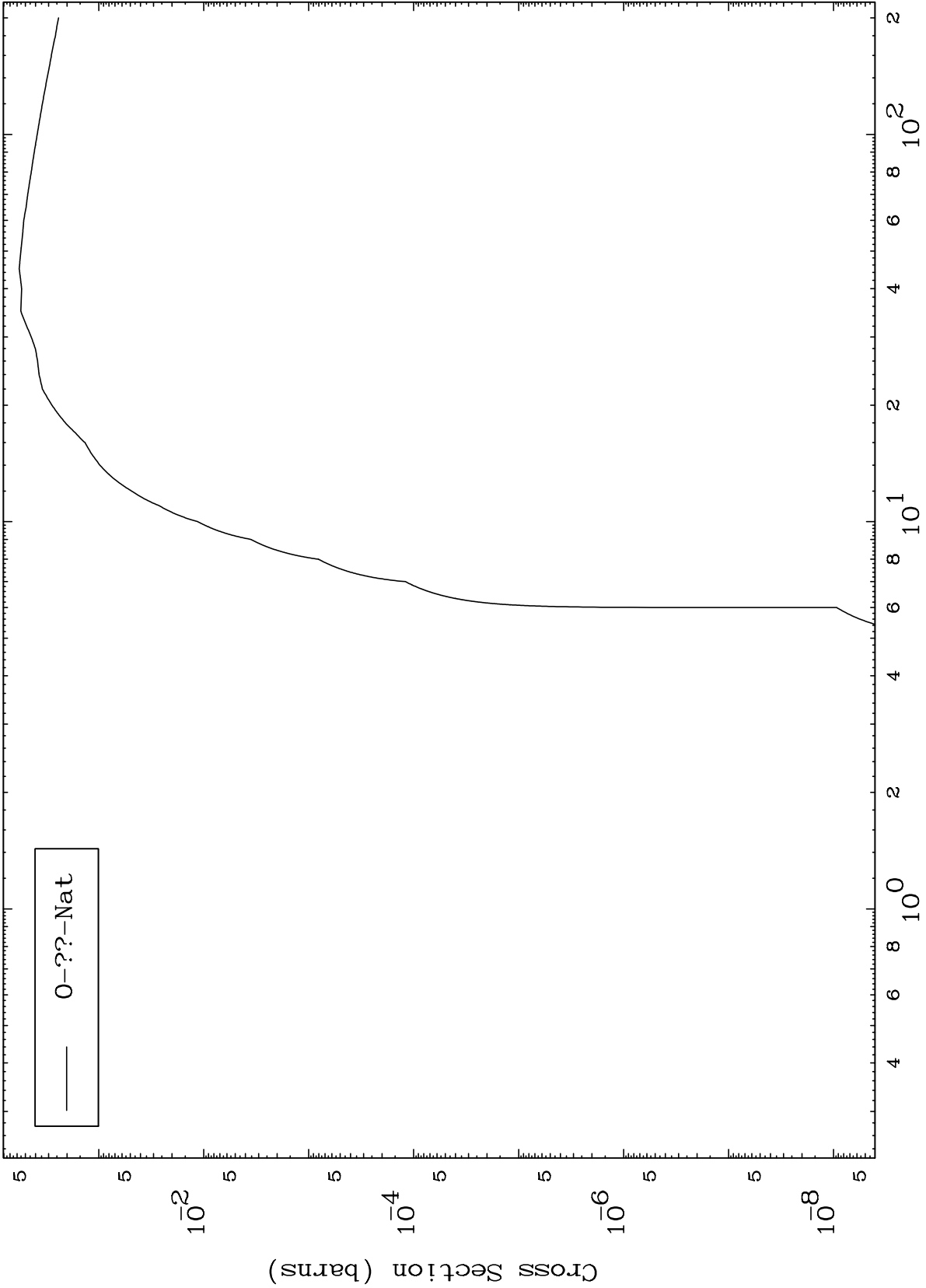
81-Tl-191

MAT 8089

Fission

81-Tl-191

Radionuclide Production Cross Section



14

Incident Energy (MeV)

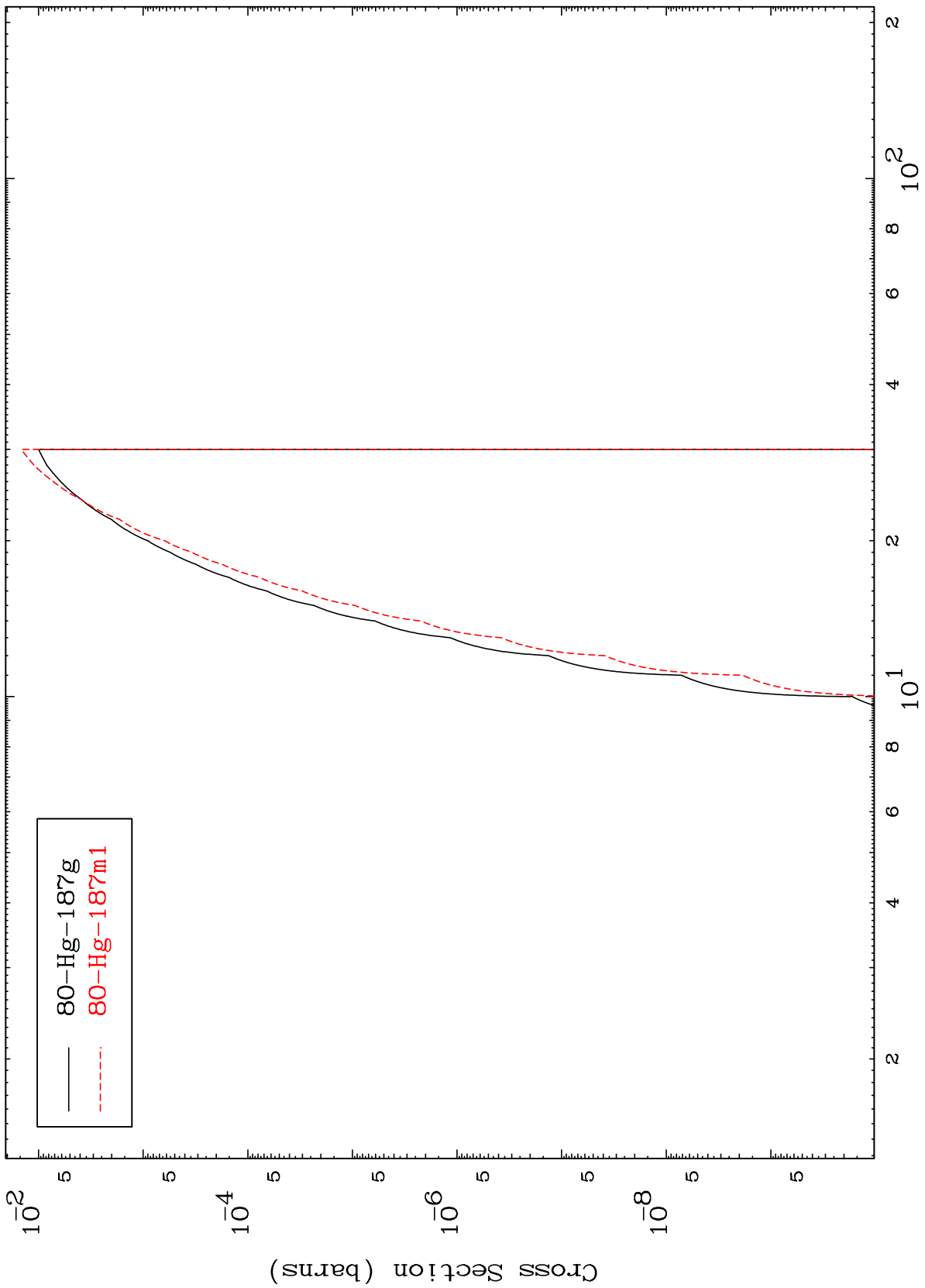
81-Tl-191

MAT 8089

(n,n')  $\alpha$

81-Tl-191

Radionuclide Production Cross Section



80-Hg-187g  
80-Hg-187m1

15

Incident Energy (MeV)

81-Tl-191

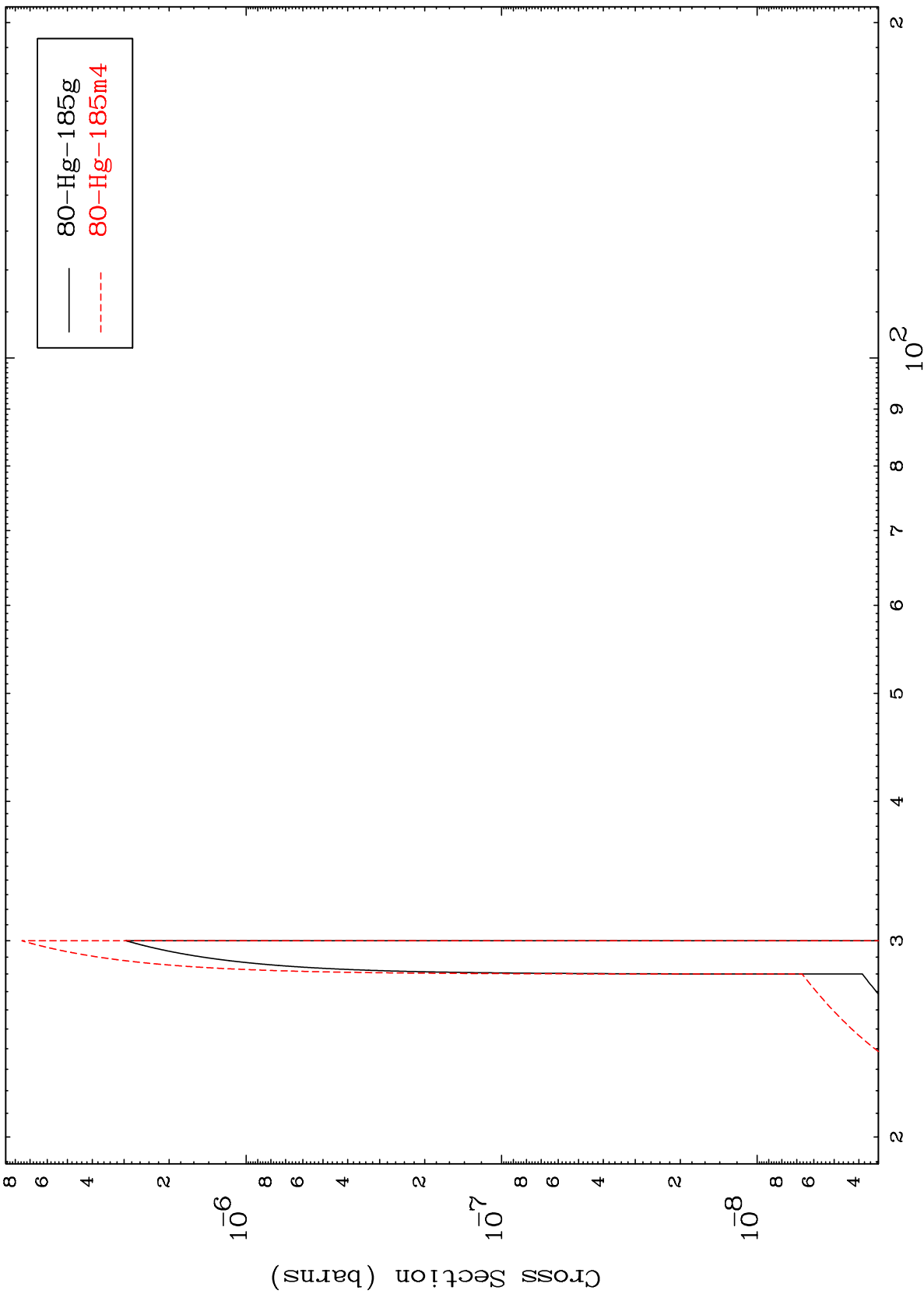


MAT 8089

(n,3n)  $\alpha$

81-Tl-191

Radionuclide Production Cross Section



16

Incident Energy (MeV)

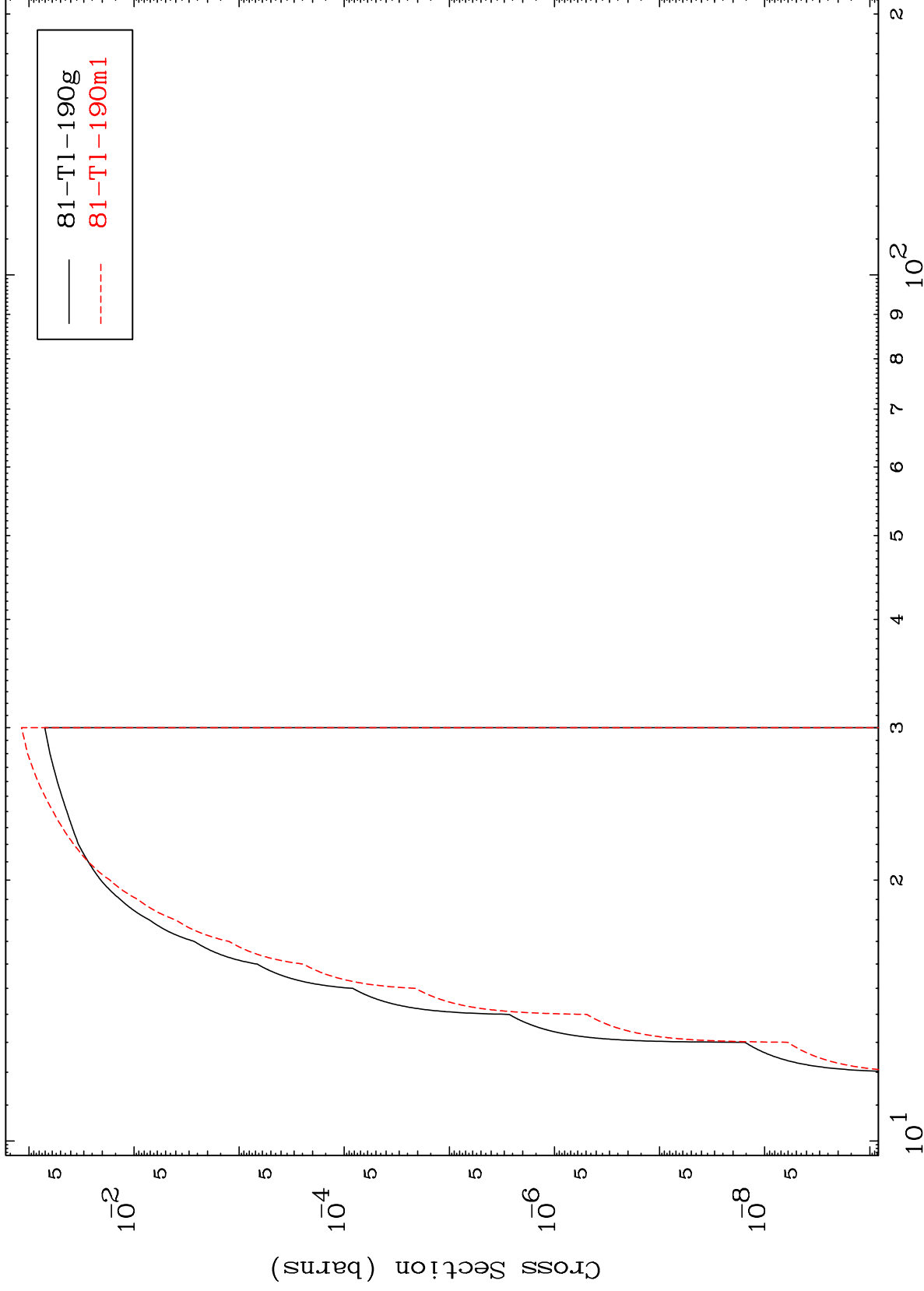
81-Tl-191

MAT 8089

(n,n') p

81-Tl-191

Radionuclide Production Cross Section



17

Incident Energy (MeV)

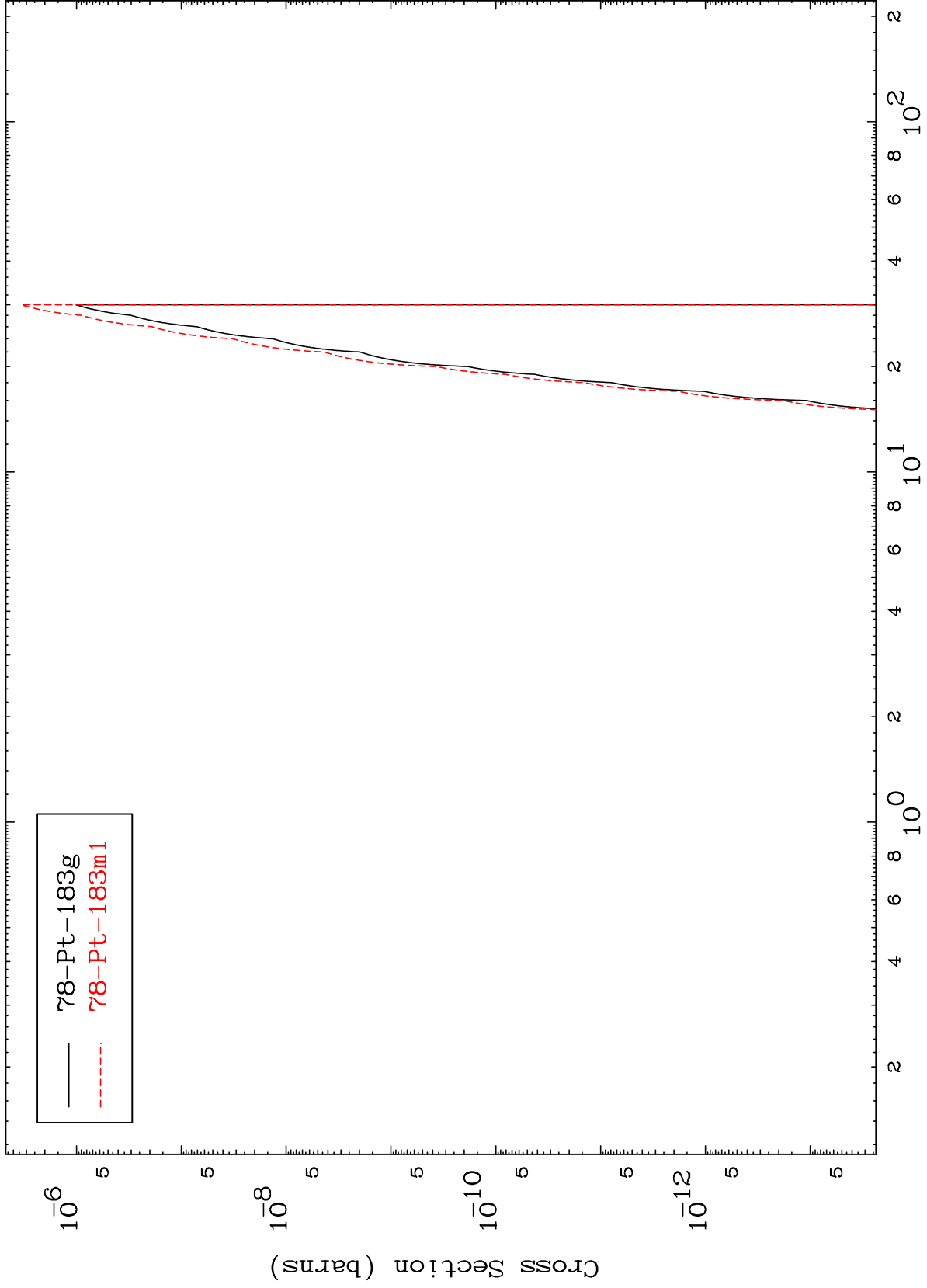
81-Tl-191

MAT 8089

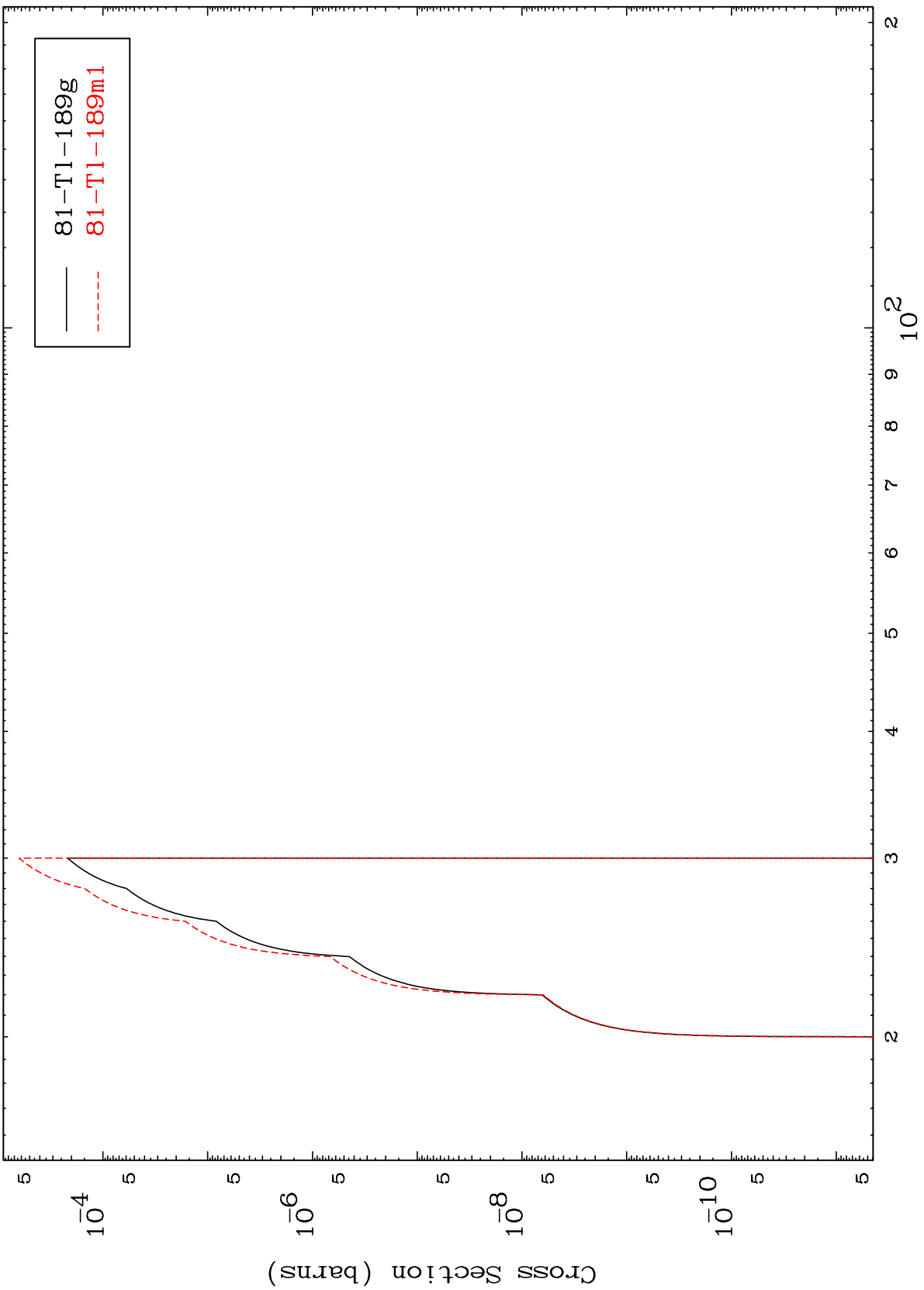
(n,n') 2α

81-Tl-191

Radionuclide Production Cross Section



Radionuclide Production Cross Section

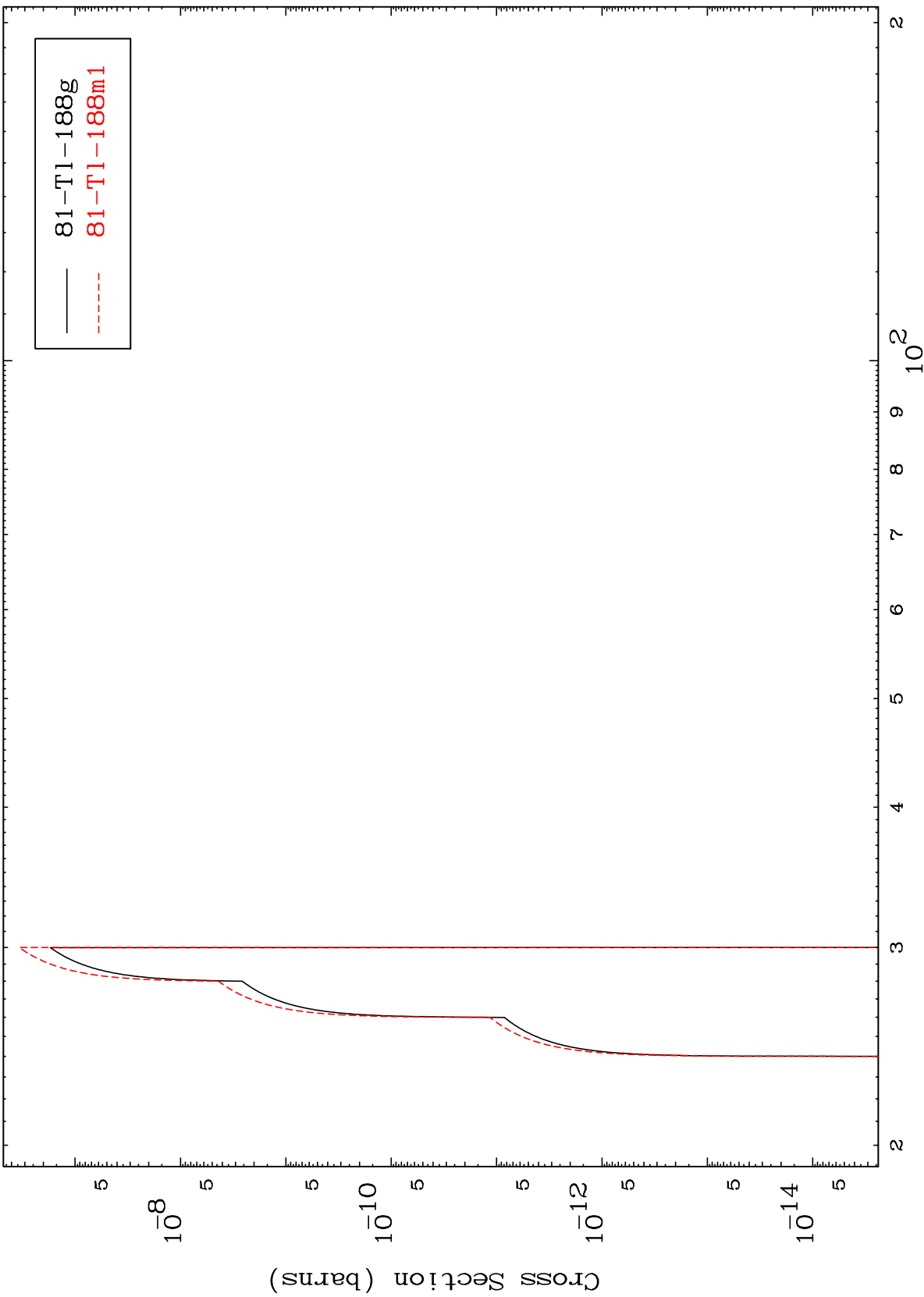


MAT 8089

(n,n') t

81-Tl-191

Radionuclide Production Cross Section

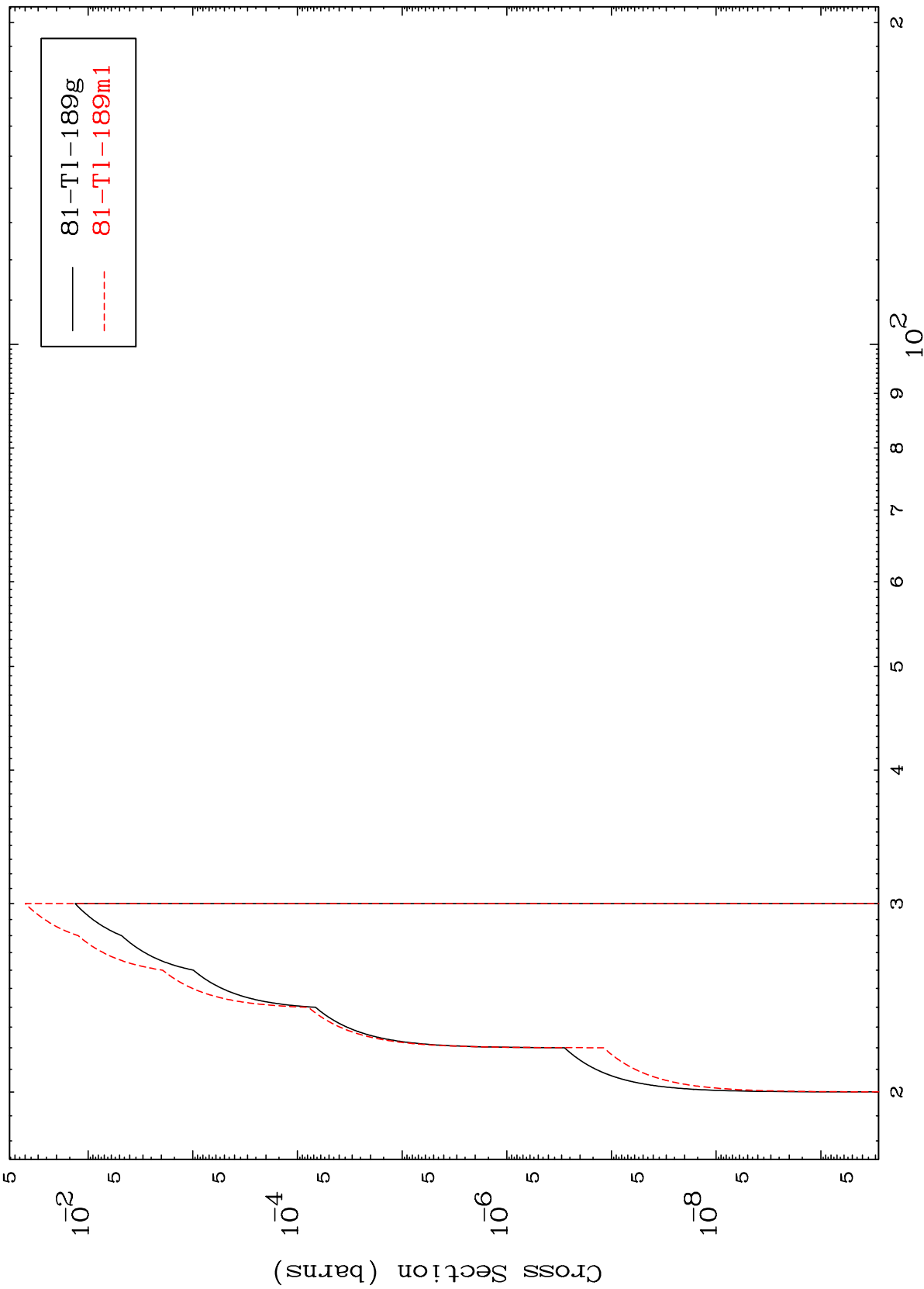


20

Incident Energy (MeV)

81-Tl-191

Radionuclide Production Cross Section

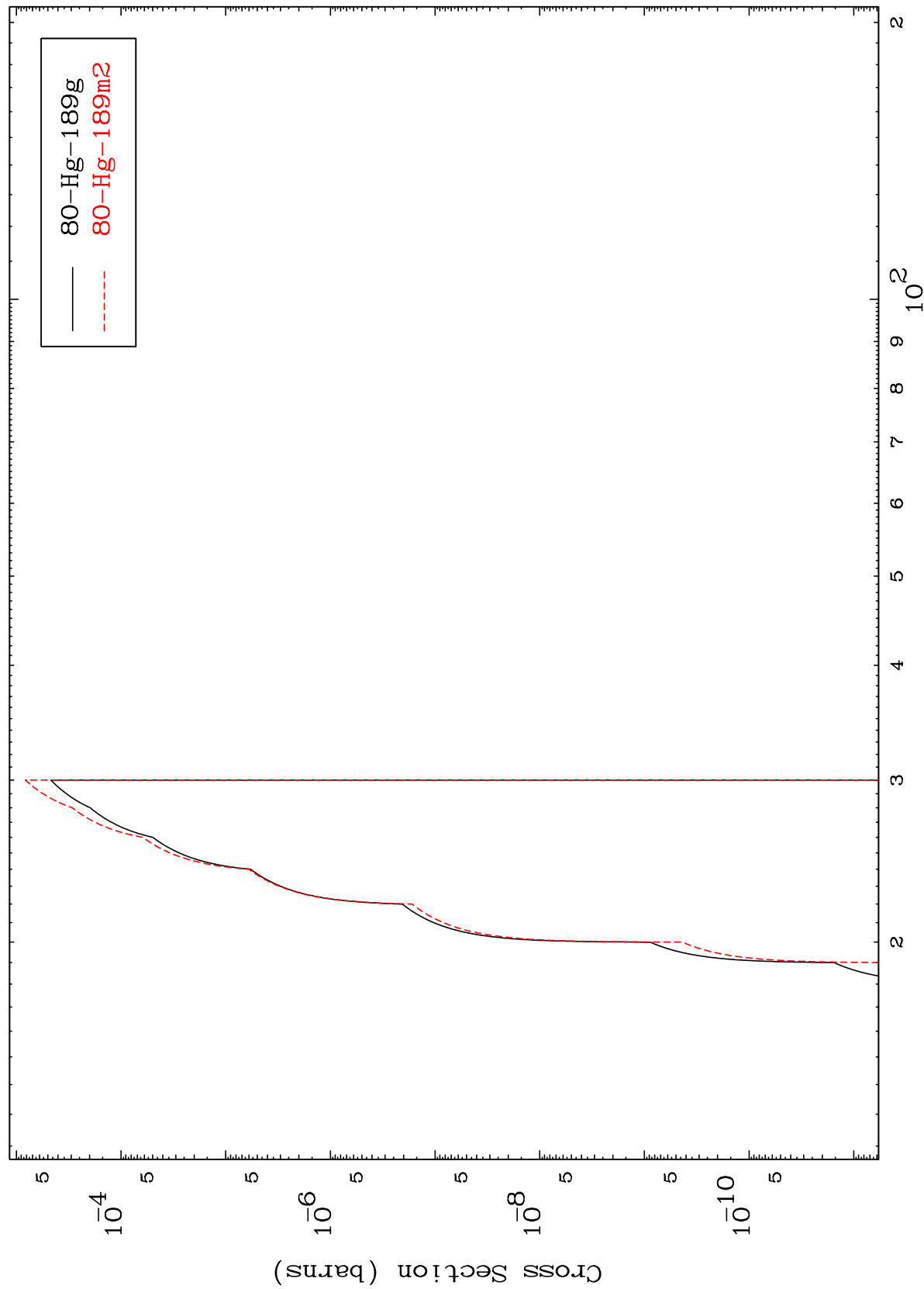


MAT 8089

(n,2n) p

81-Tl-191

Radionuclide Production Cross Section



22

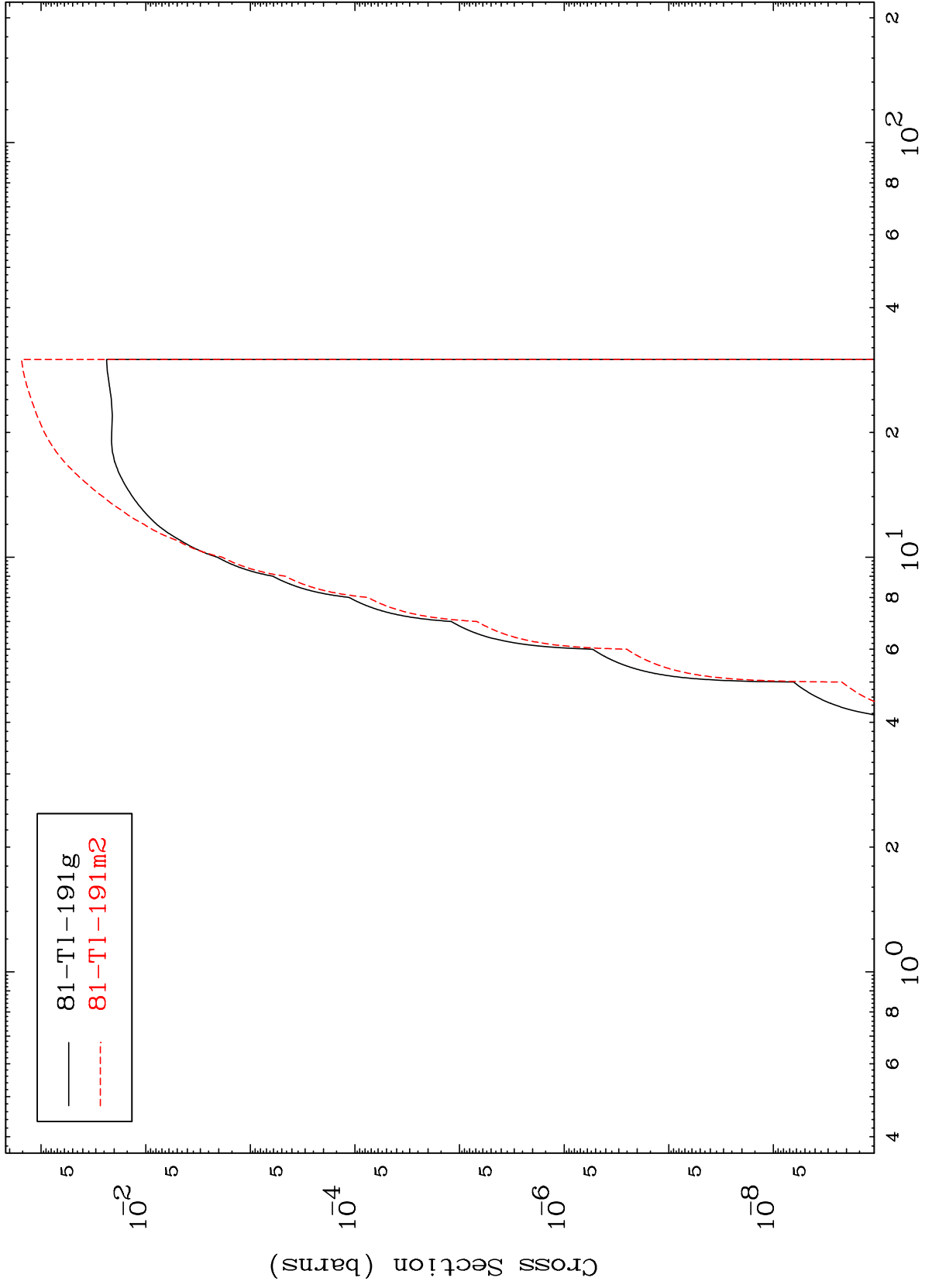
Incident Energy (MeV)

81-Tl-191

MAT 8089

81-Tl-191

(n,p)  
Radionuclide Production Cross Section

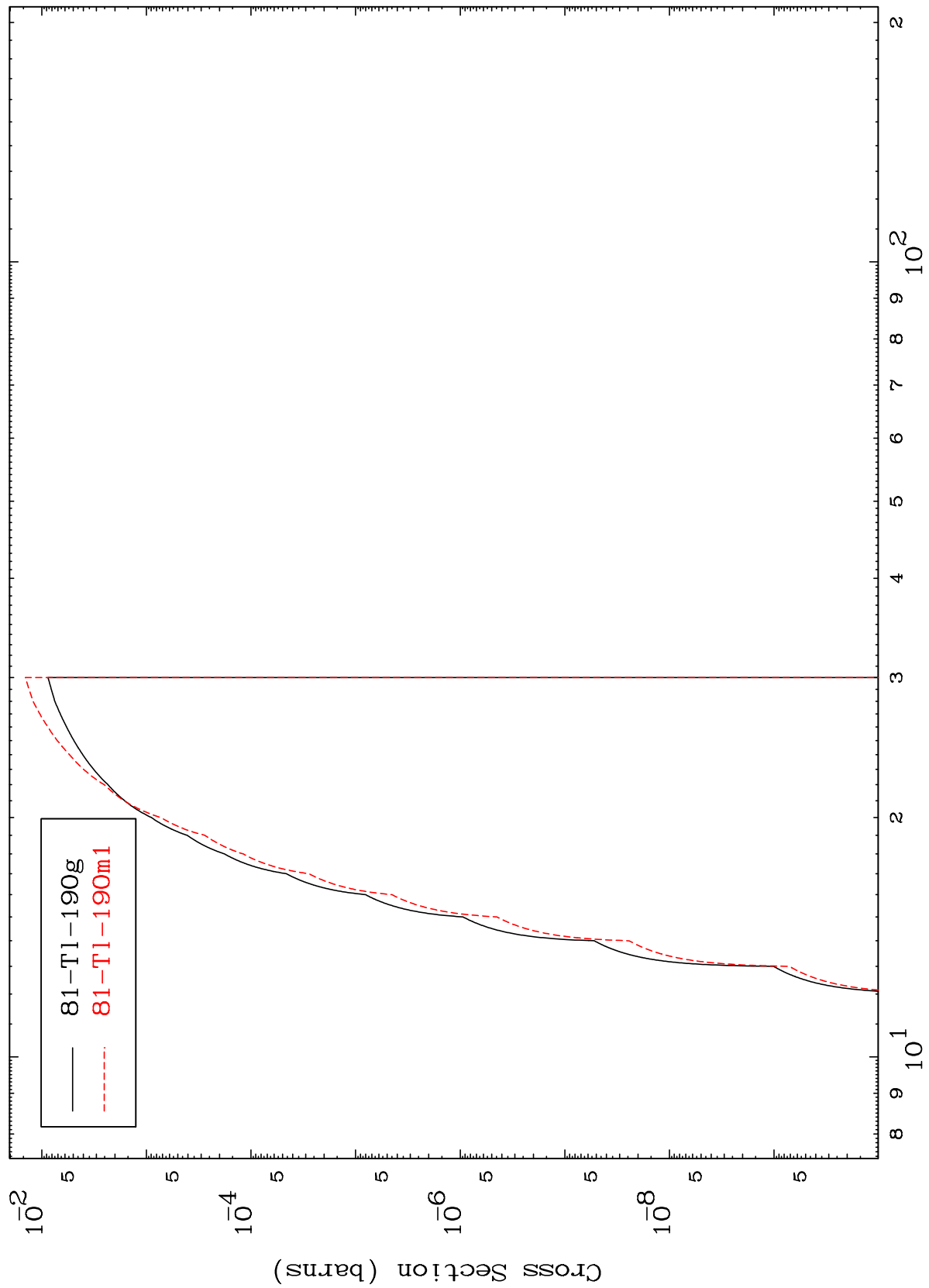




MAT 8089

81-Tl-191

(n,d)  
Radionuclide Production Cross Section



81-Tl-190g  
81-Tl-190m1

81-Tl-191

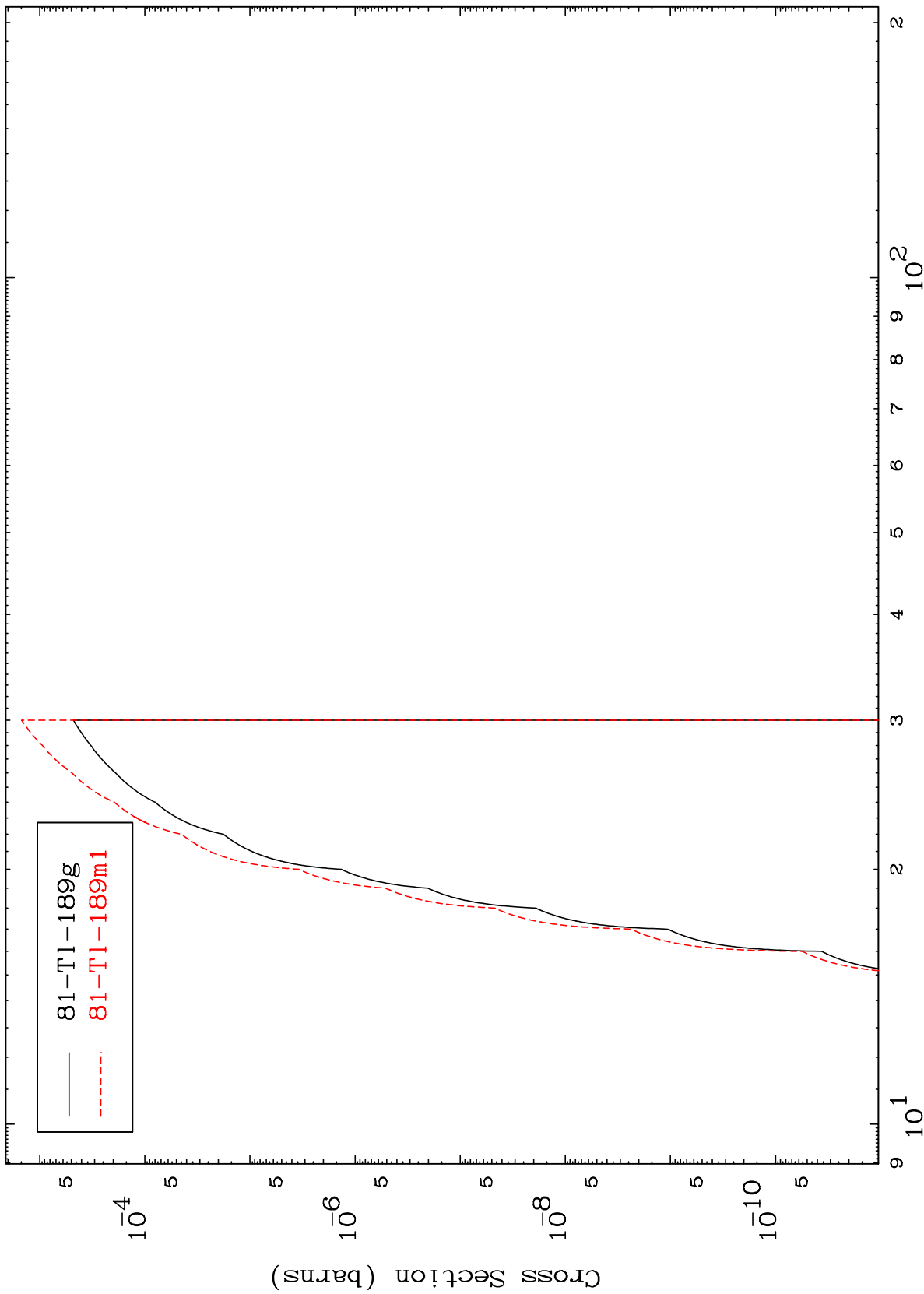
Incident Energy (MeV)

24

MAT 8089

81-Tl-191

(n,t)  
Radionuclide Production Cross Section



81-Tl-191

Incident Energy (MeV)

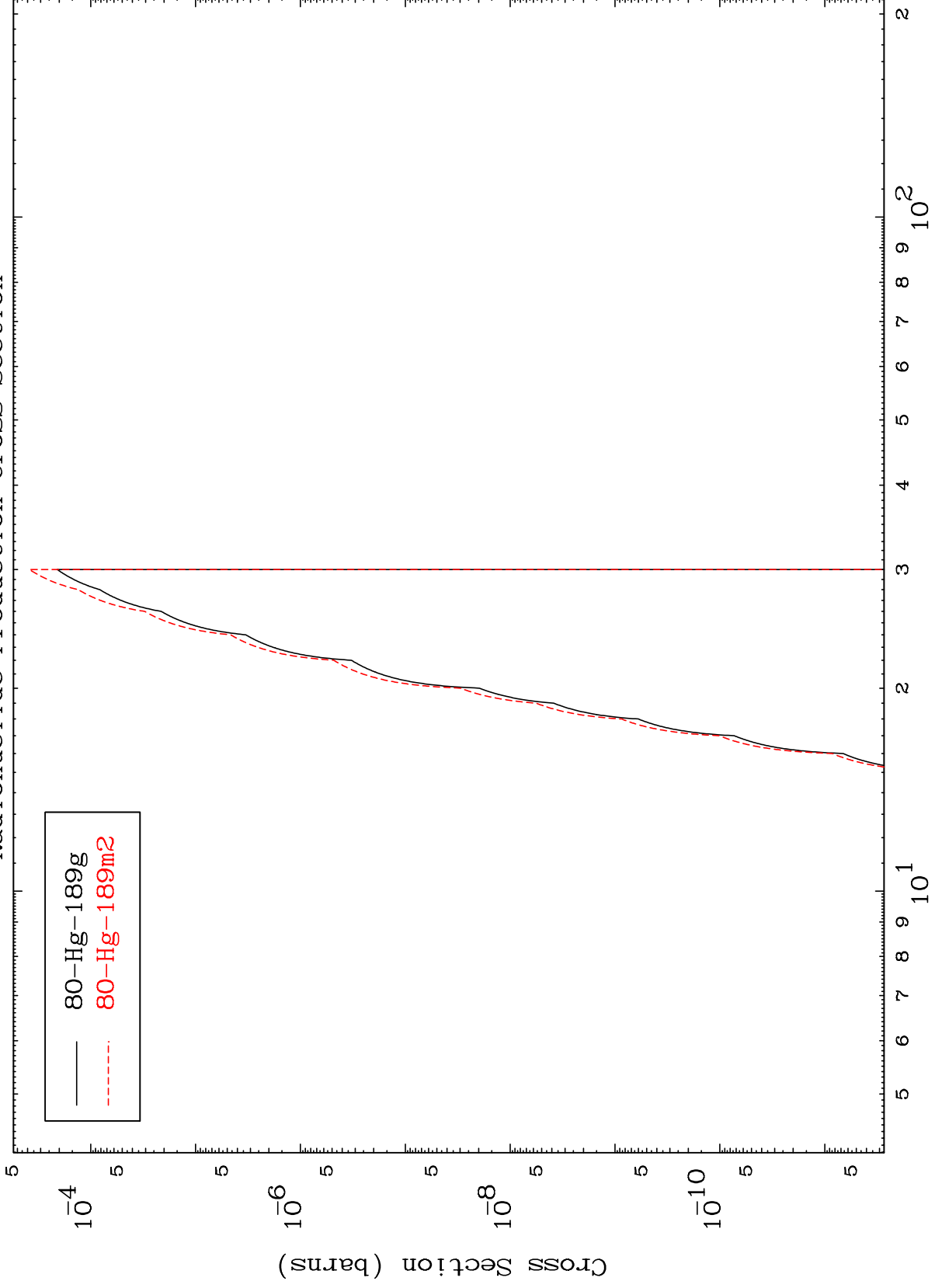
25

MAT 8089

(n,He-3)

81-Tl-191

Radionuclide Production Cross Section



26

Incident Energy (MeV)

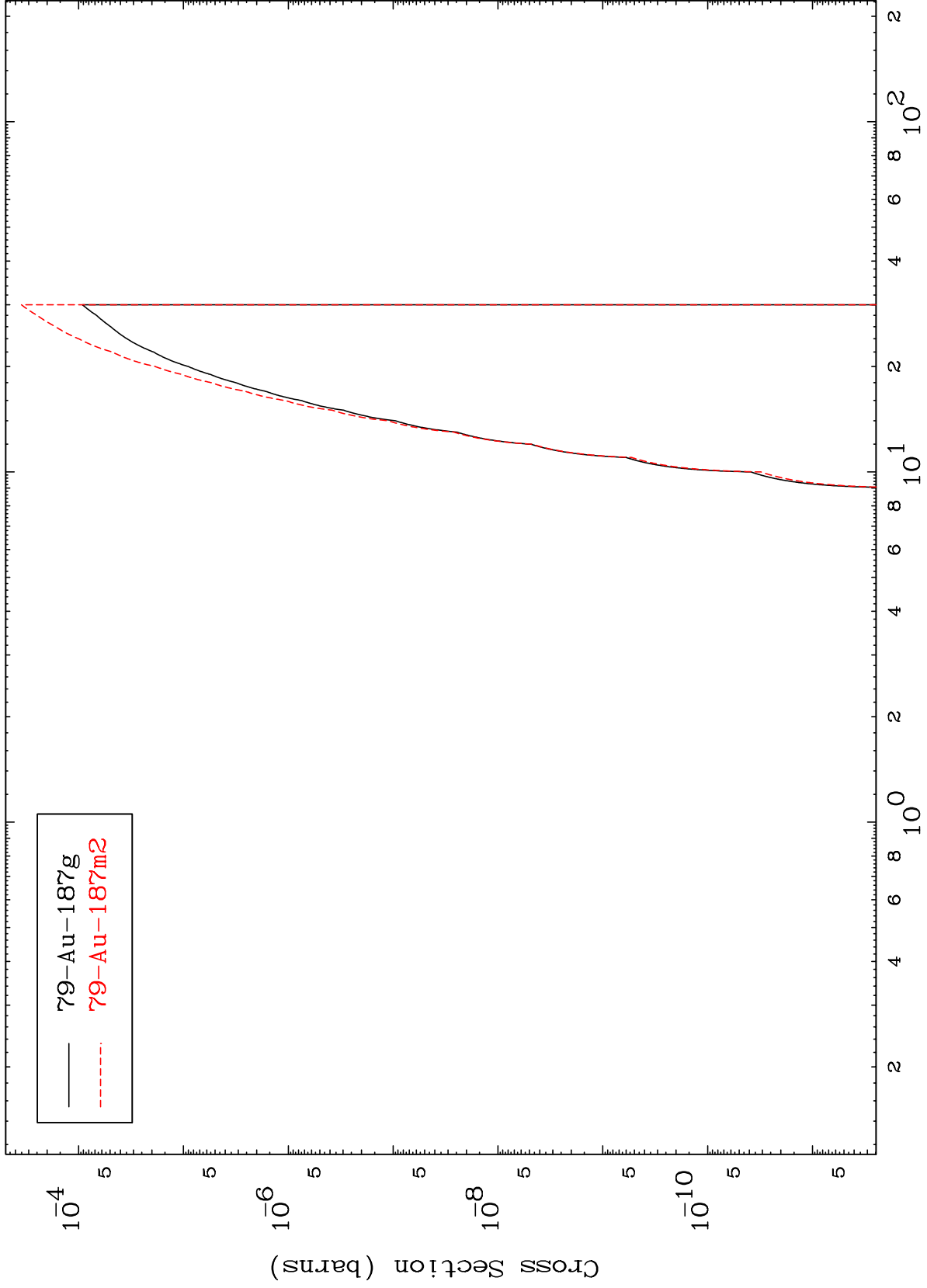
81-Tl-191

MAT 8089

(n,p)  $\alpha$

81-Tl-191

Radionuclide Production Cross Section

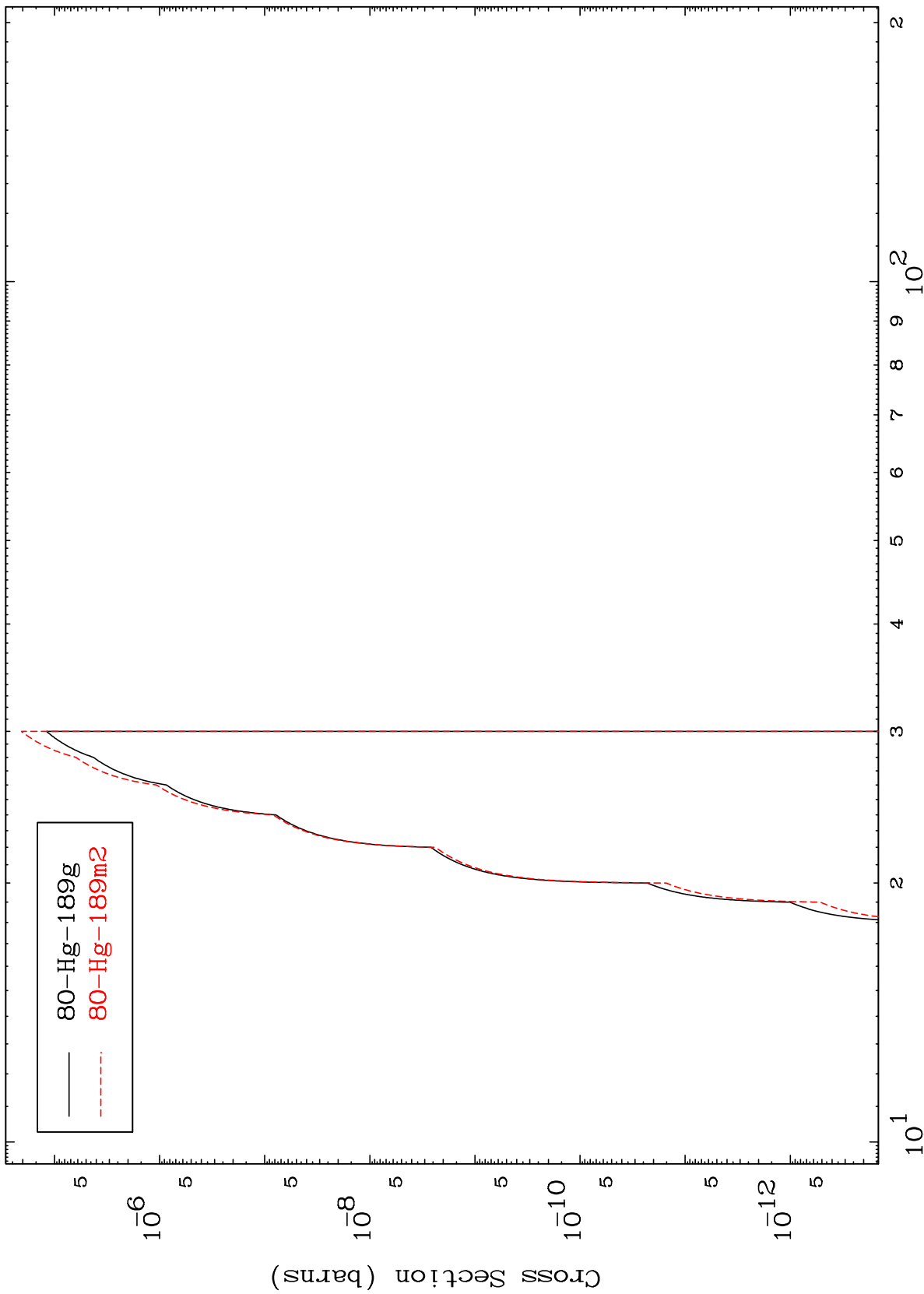


MAT 8089

(n,p) d

81-Tl-191

Radionuclide Production Cross Section



28

Incident Energy (MeV)

81-Tl-191