

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

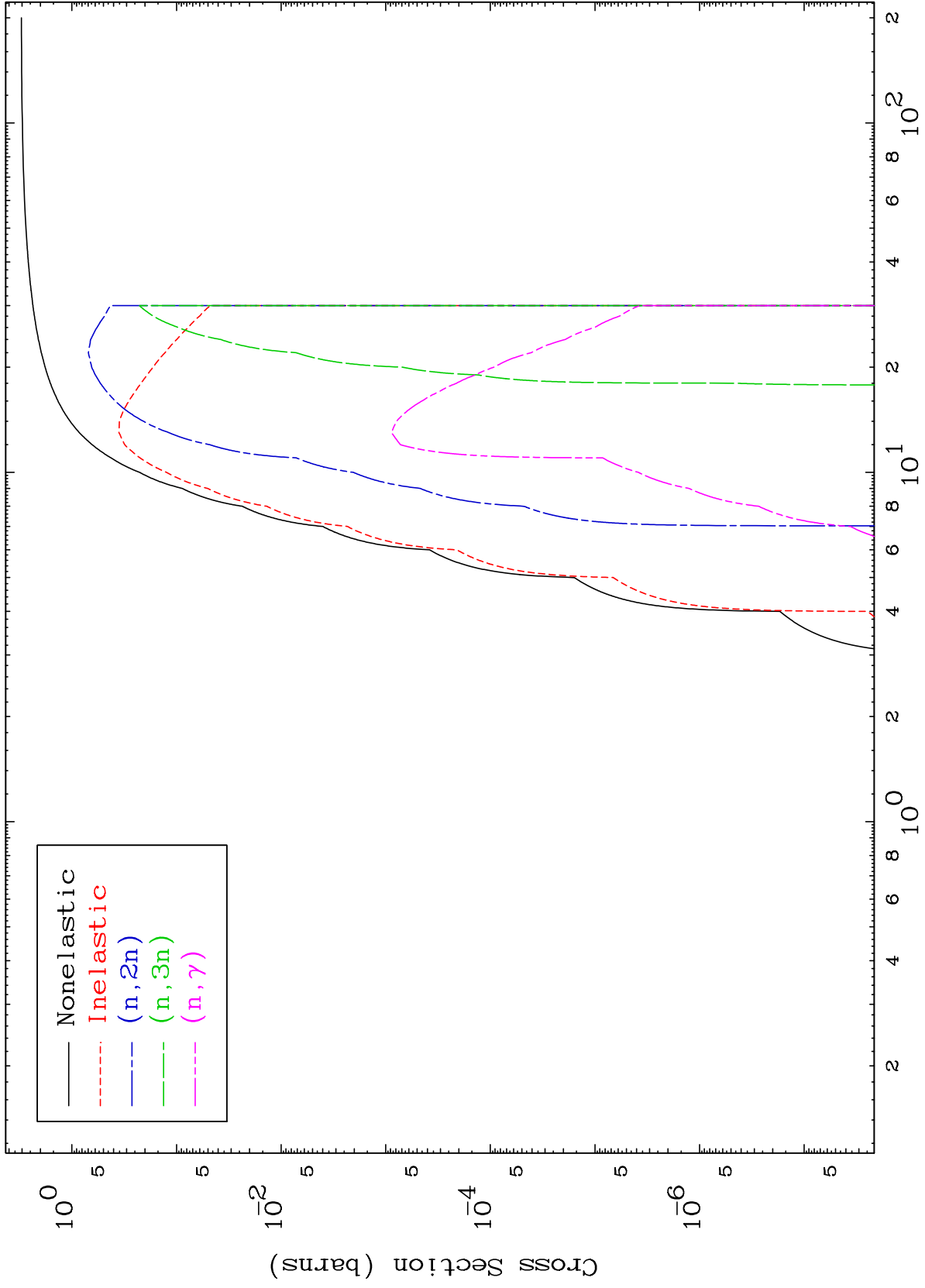
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

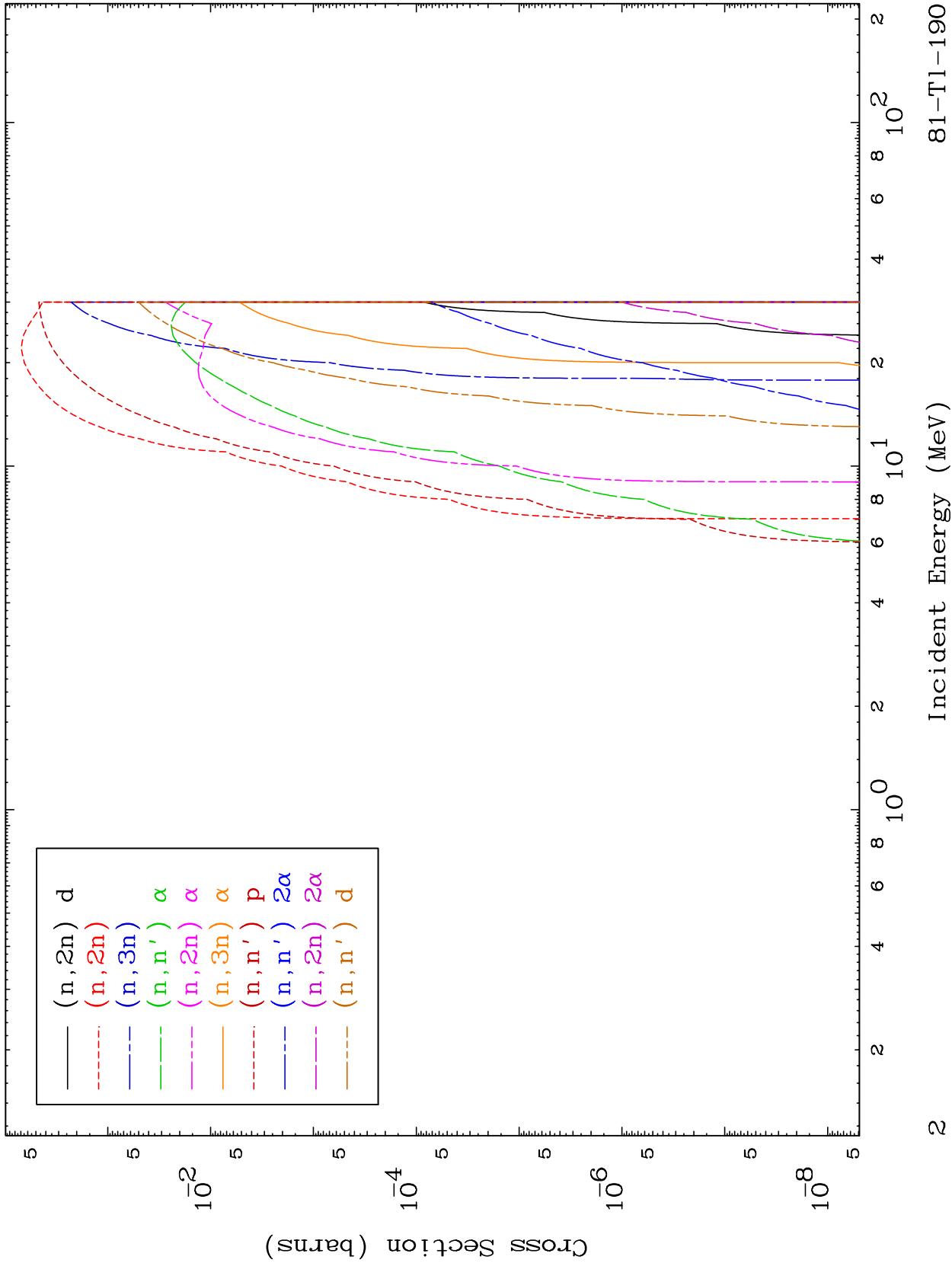
Tele: 925-443-1911

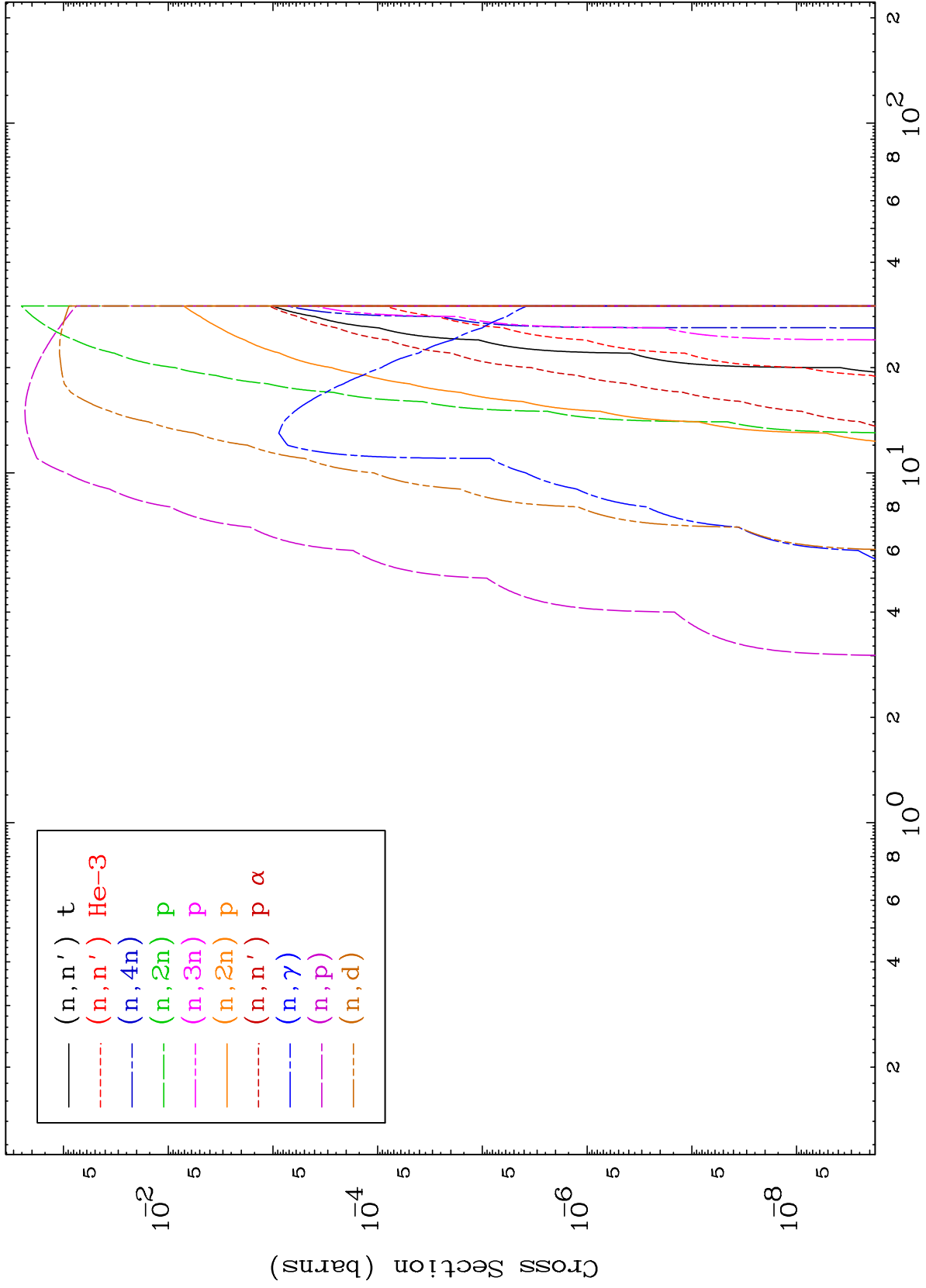
E.Mail:redcullen1@comcast.net

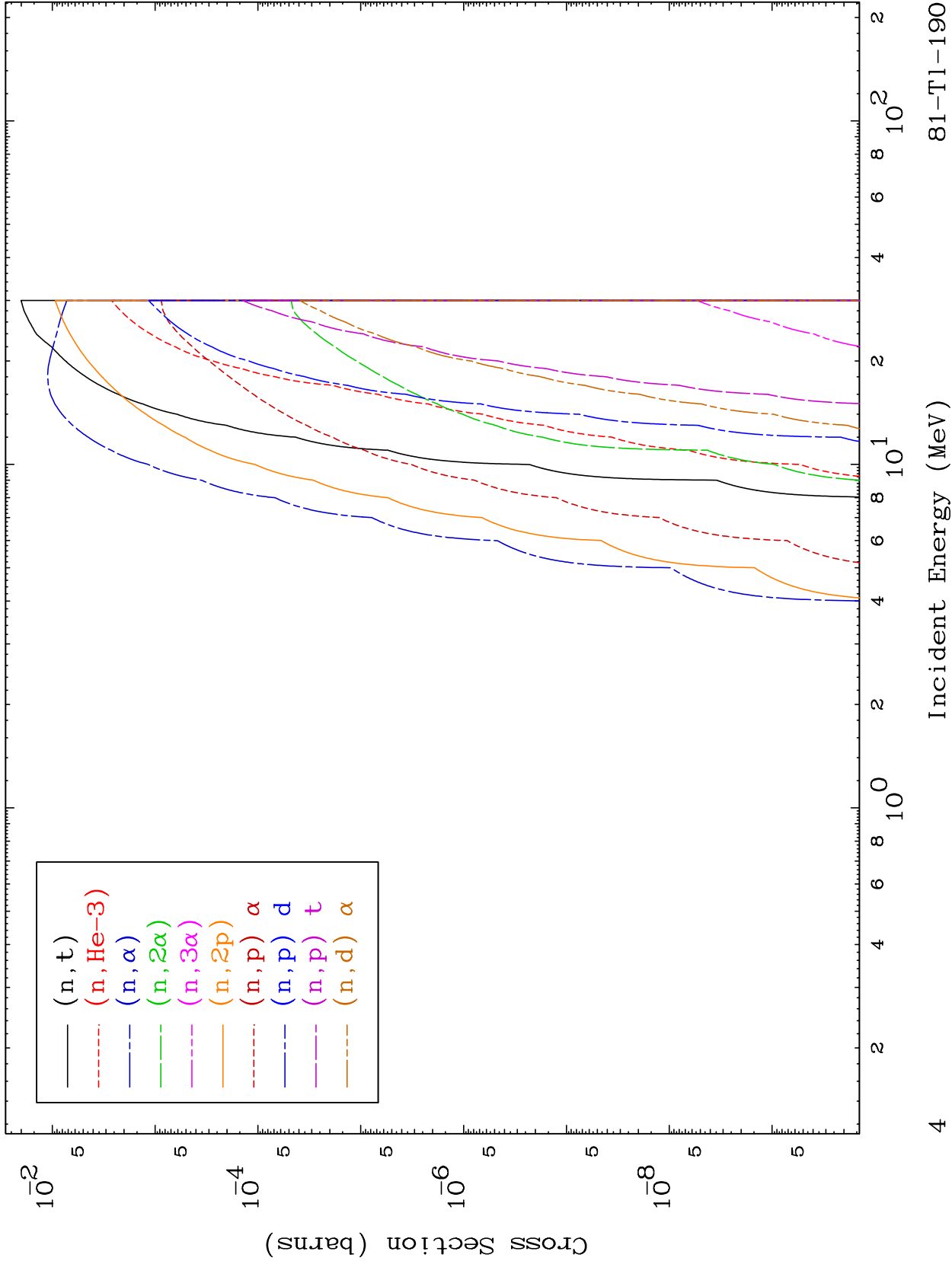
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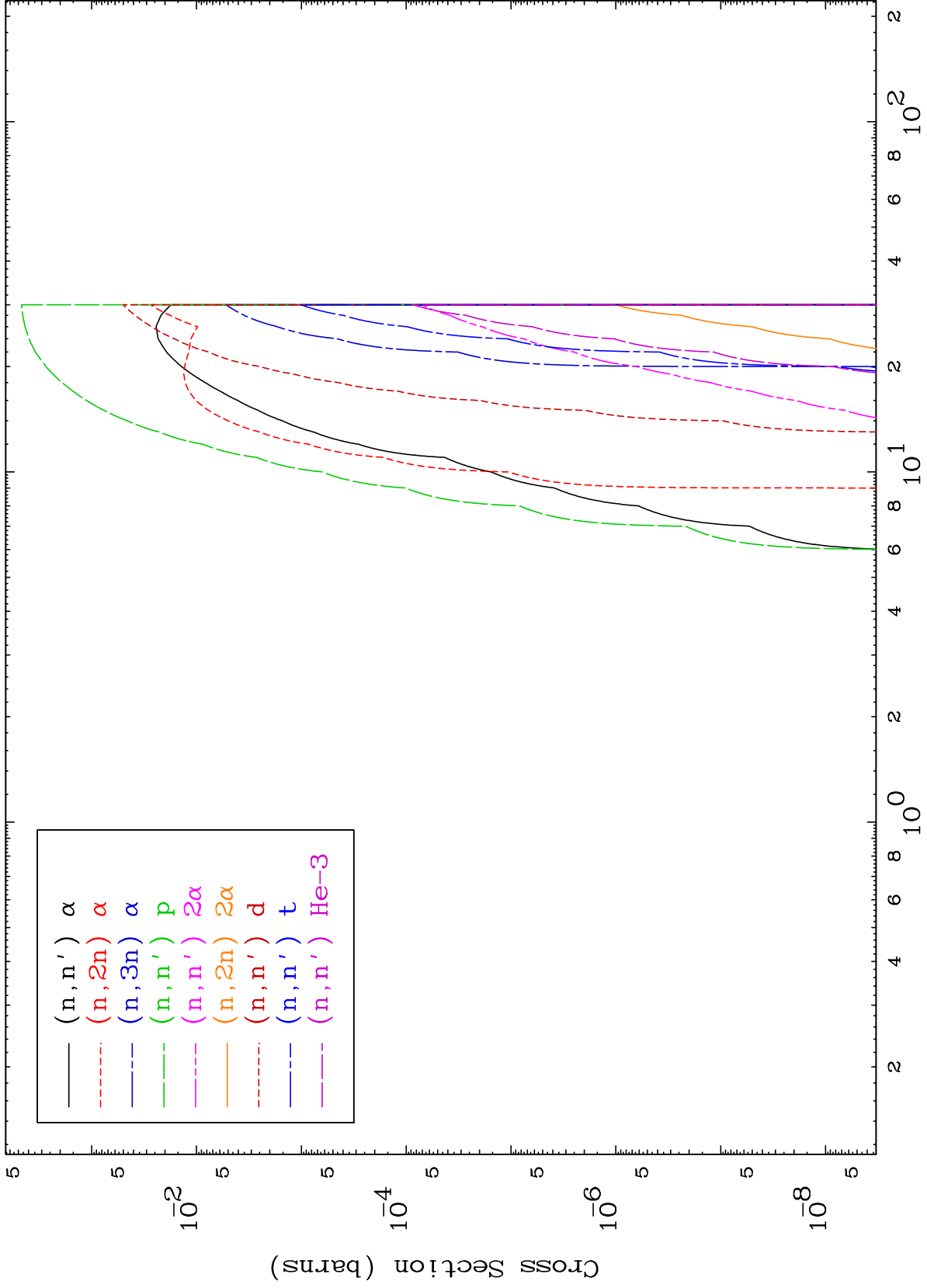
Press Mouse Button to Start

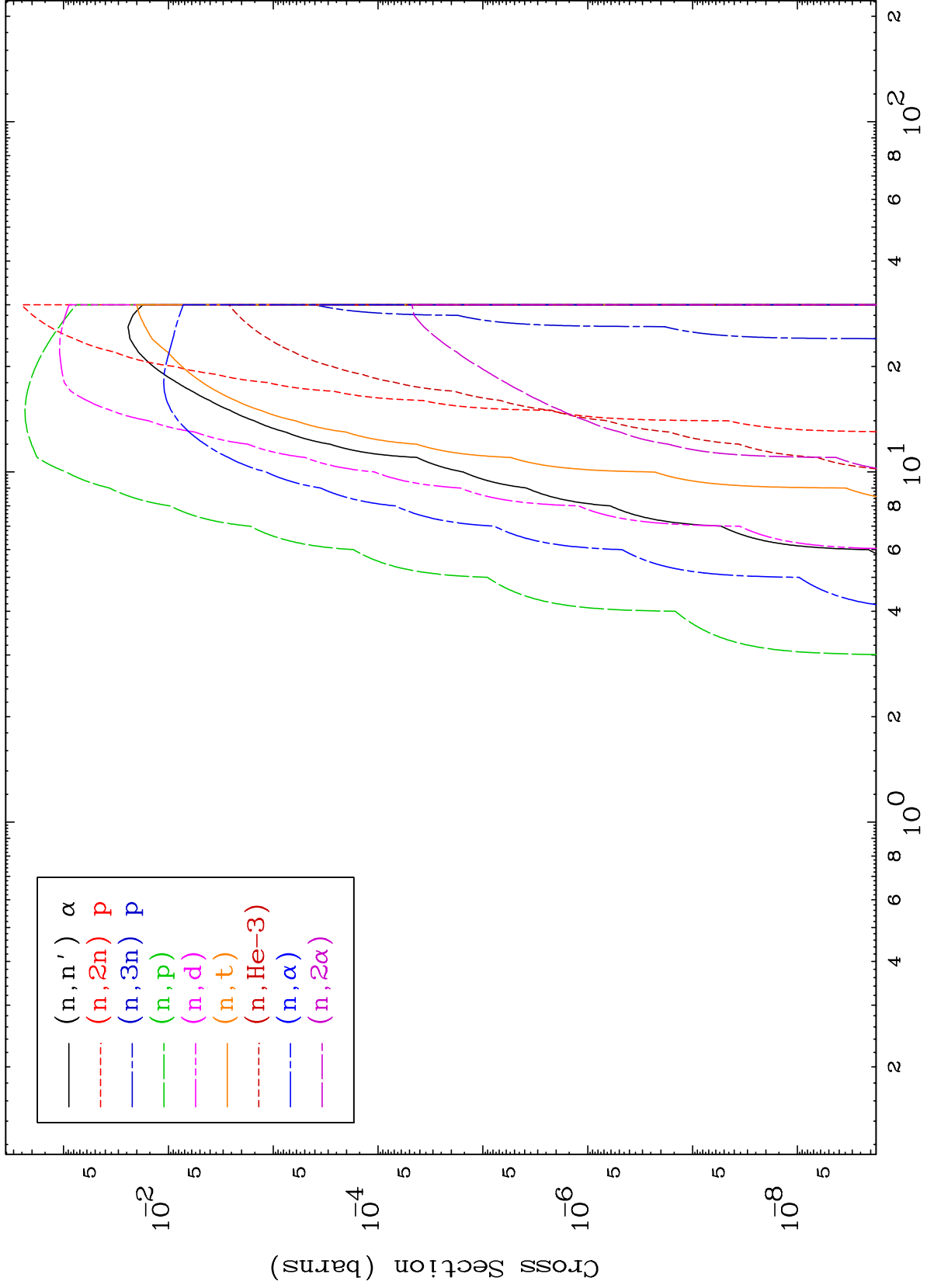


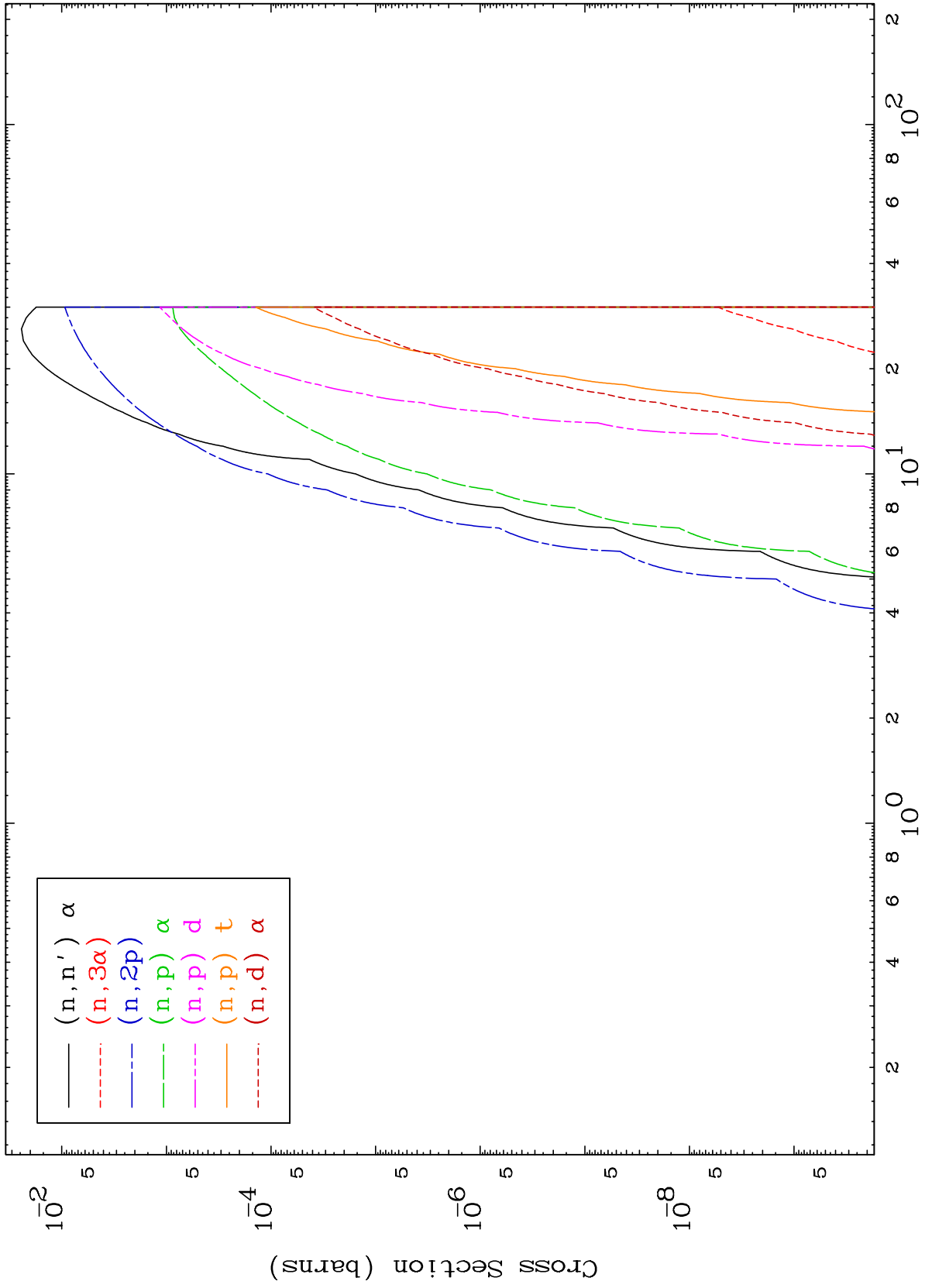












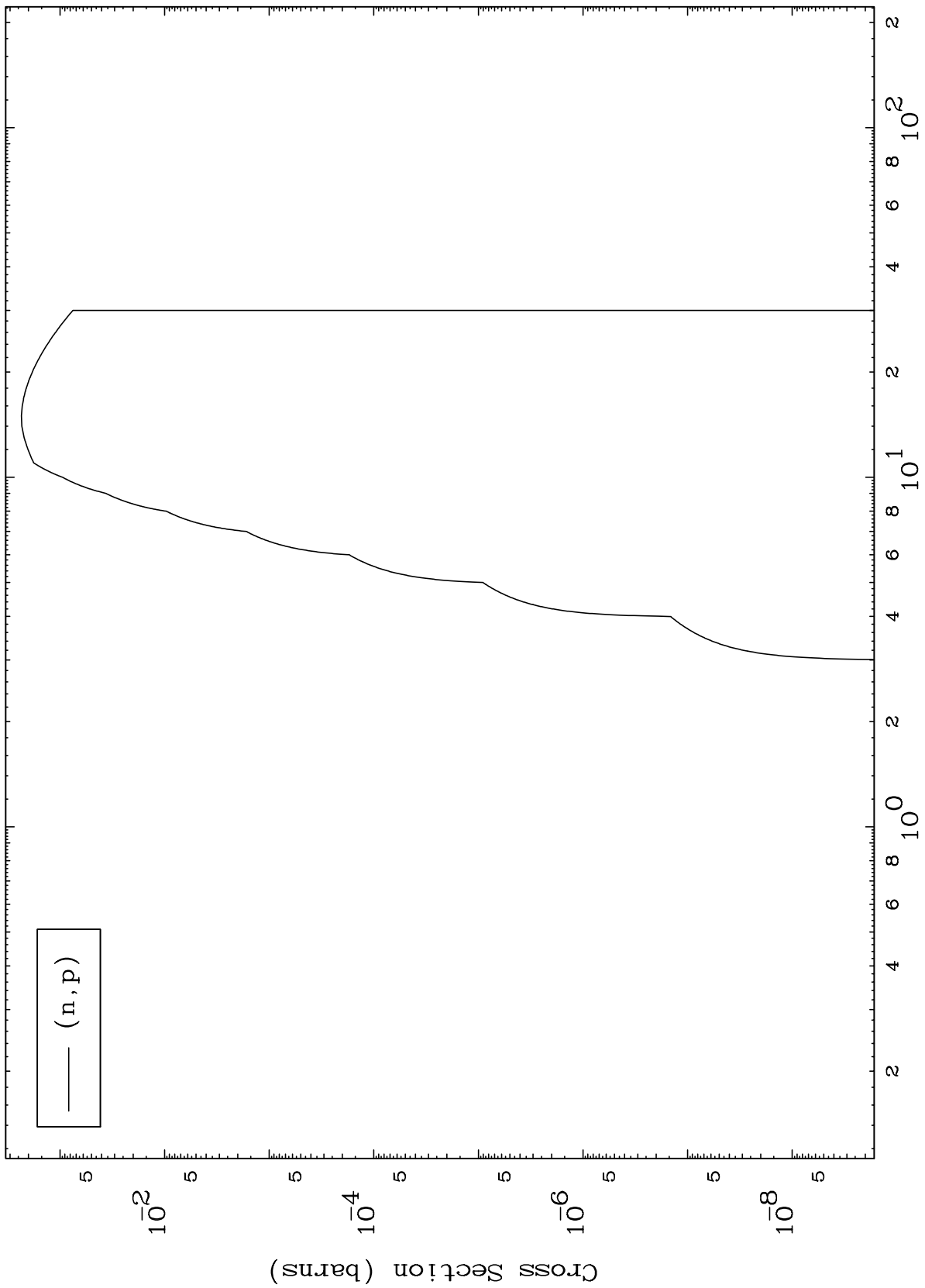


MAT 8086

(d,p) Levels

81-Tl-190

0 Kelvin Cross Sections

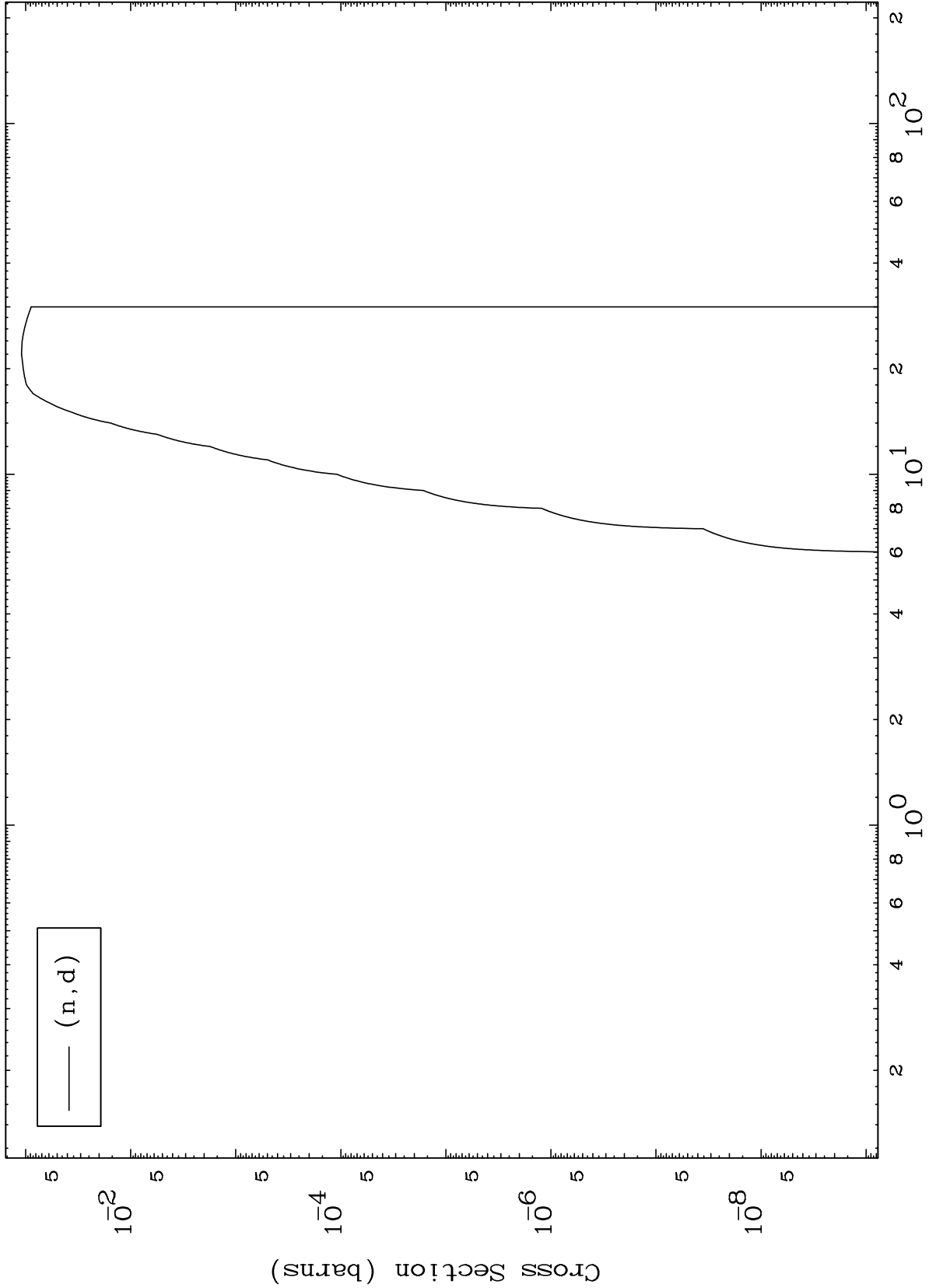


MAT 8086

(d,d) Levels

81-Tl-190

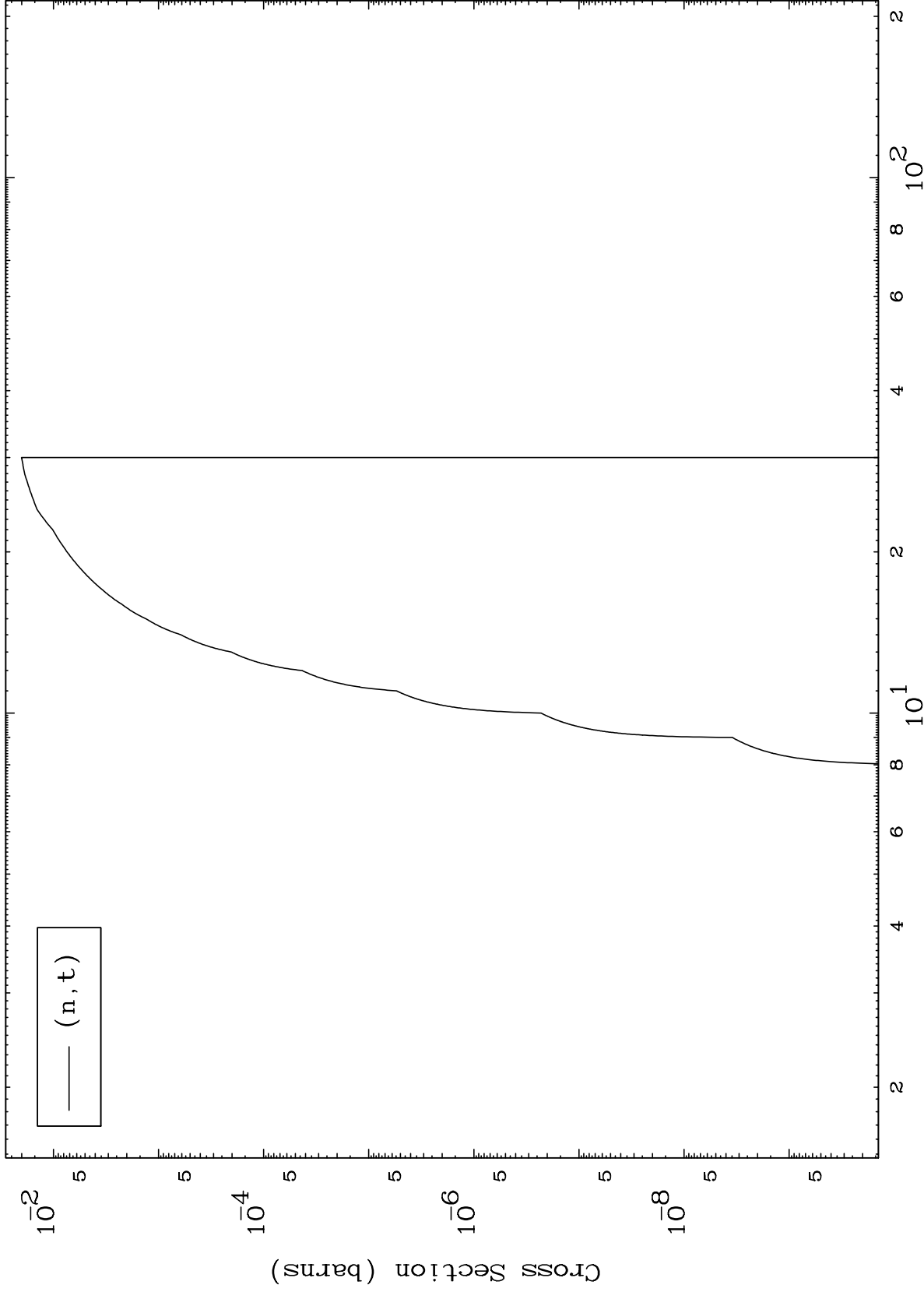
0 Kelvin Cross Sections



MAT 8086

(d, t) Levels  
0 Kelvin Cross Sections

81-Tl-190



10

Incident Energy (MeV)

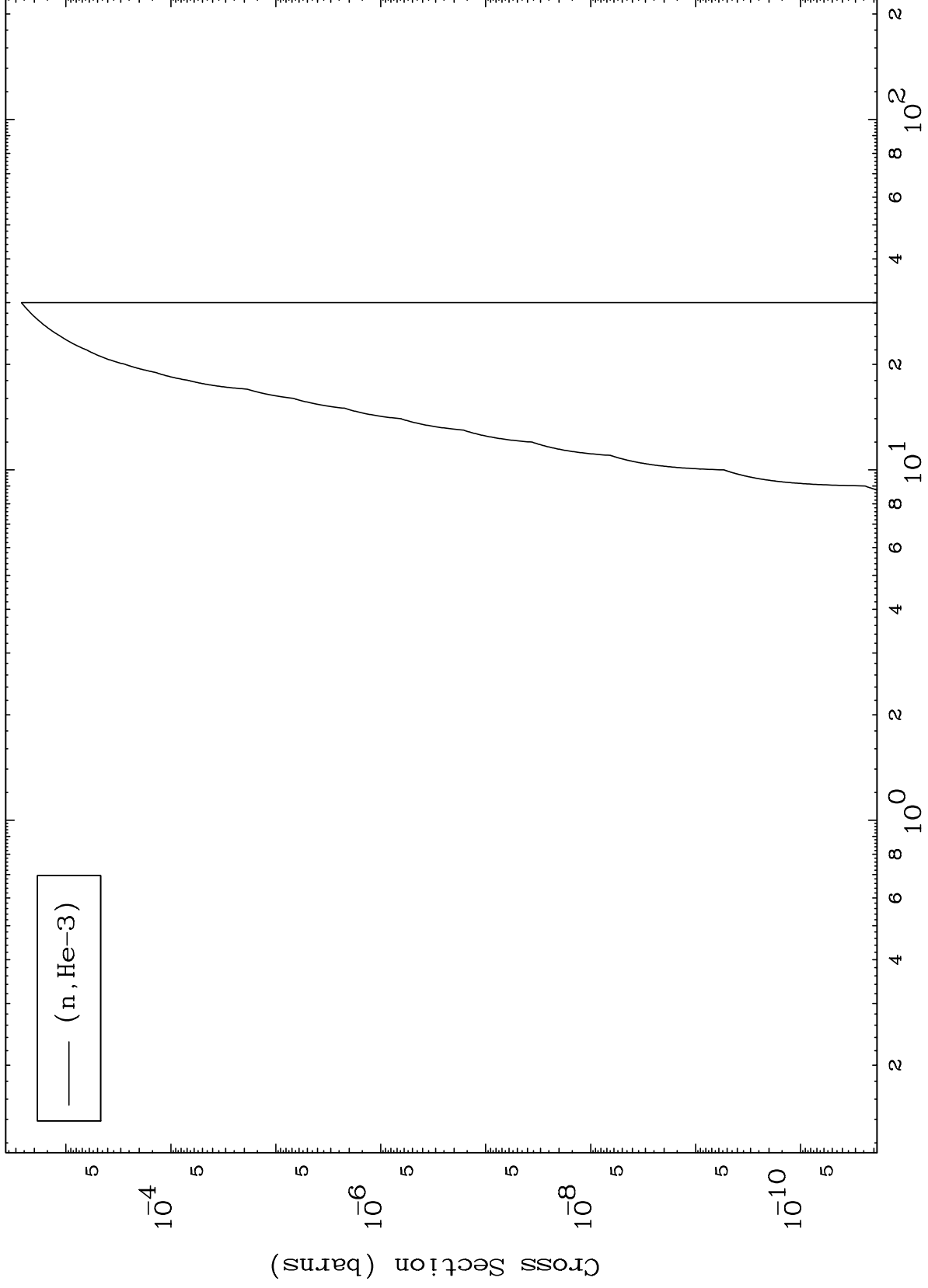
81-Tl-190

MAT 8086

(d,He3) Levels

81-Tl-190

0 Kelvin Cross Sections

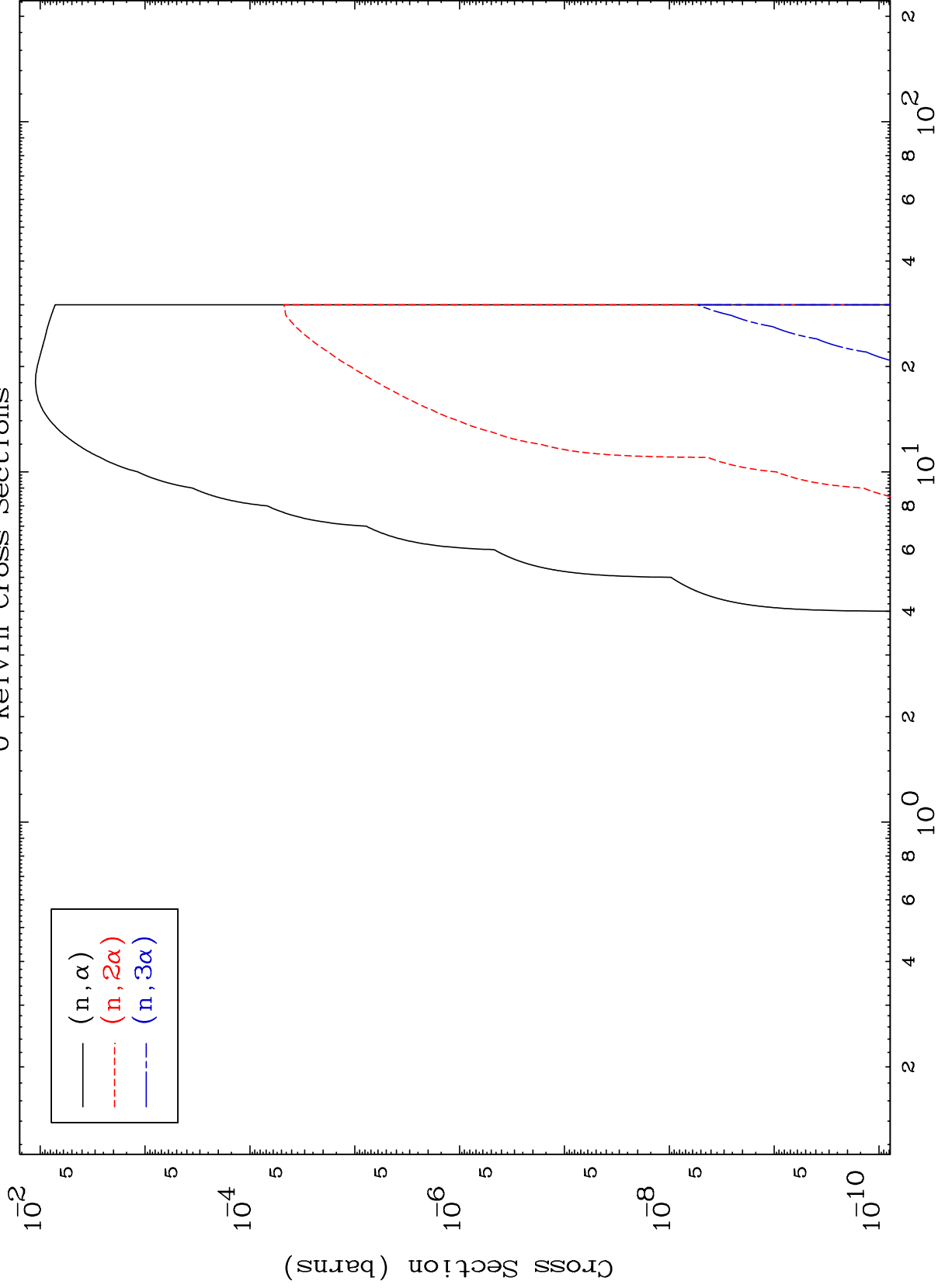


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(d,  $\alpha$ ) Levels

81-Tl-190

0 Kelvin Cross Sections



12

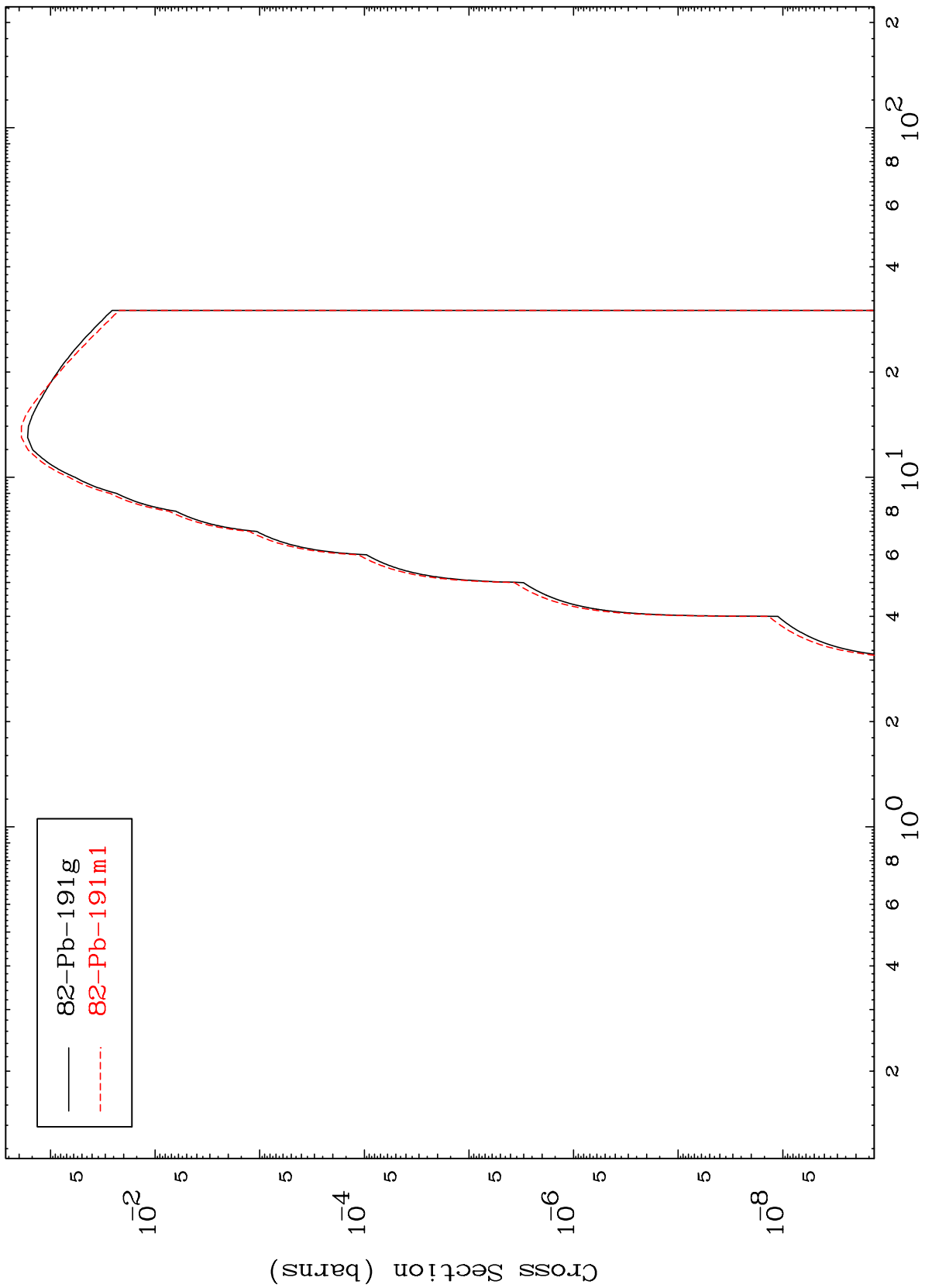
Incident Energy (MeV)

81-Tl-190

MAT 8086

81-Tl-190

Inelastic  
Radionuclide Production Cross Section

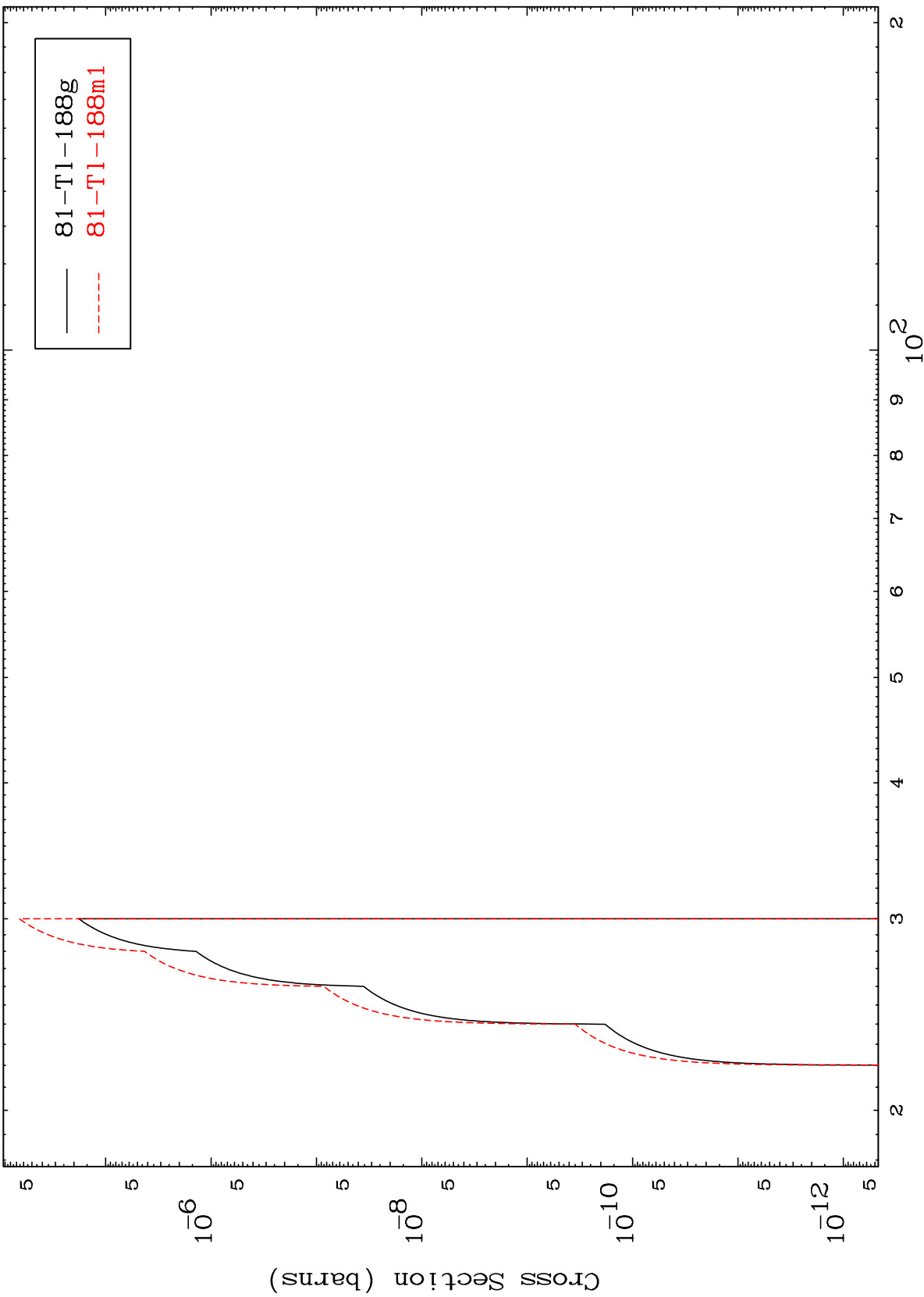


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(n,2n) d

81-Tl-190

Radionuclide Production Cross Section

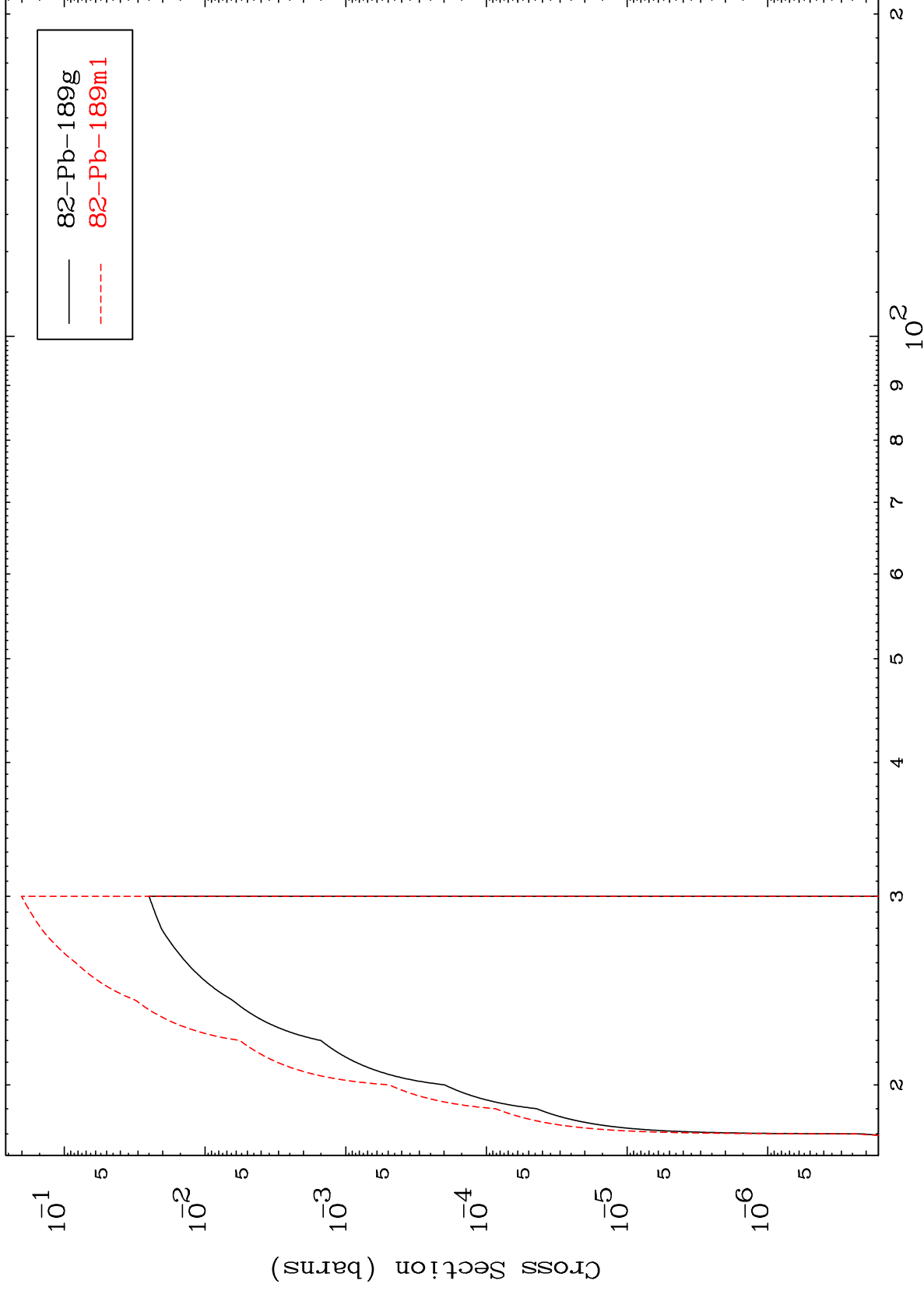


14

Incident Energy (MeV)

81-Tl-190

Radionuclide Production Cross Section



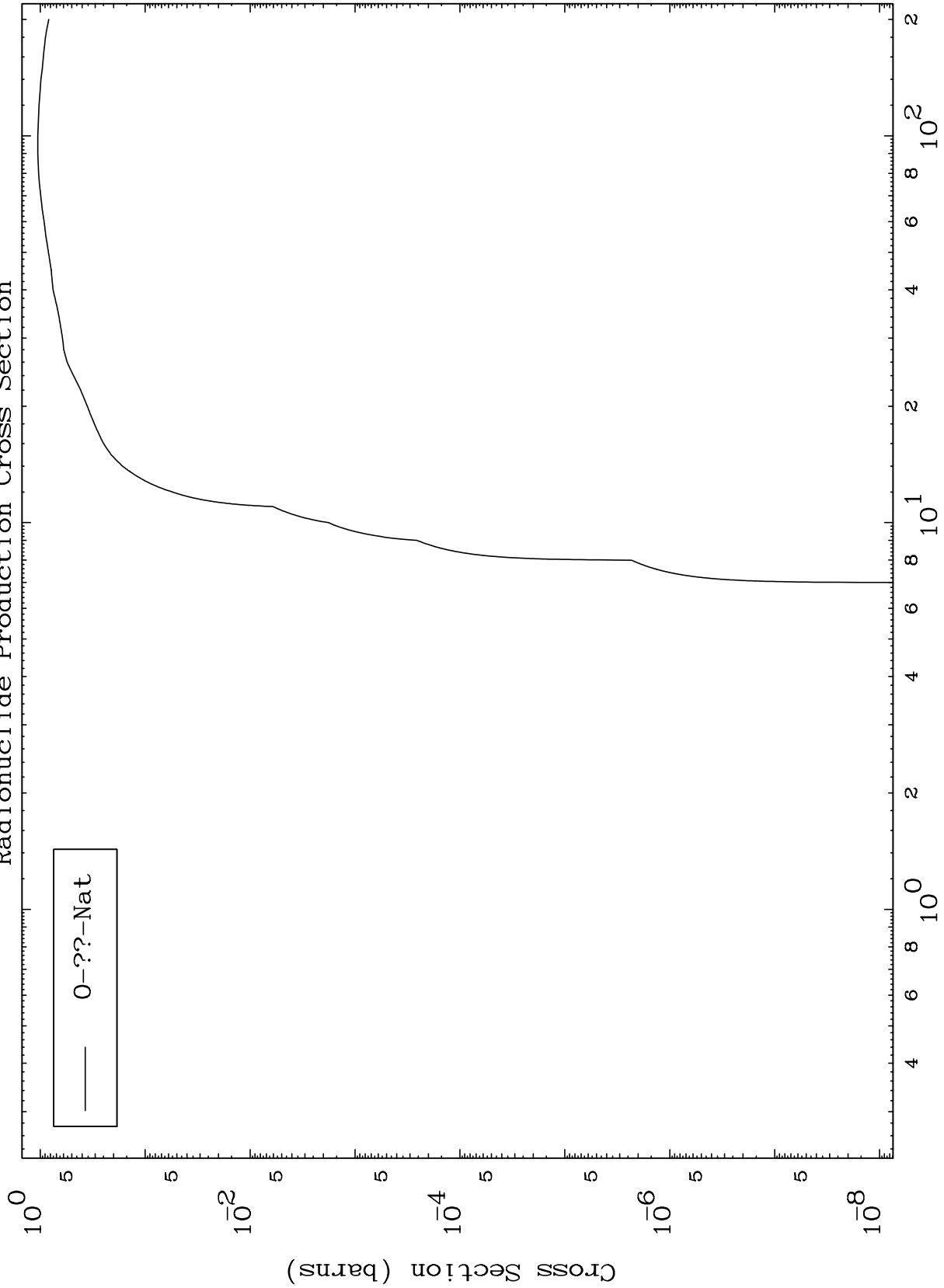


MAT 8086

Fission

81-Tl-190

Radionuclide Production Cross Section

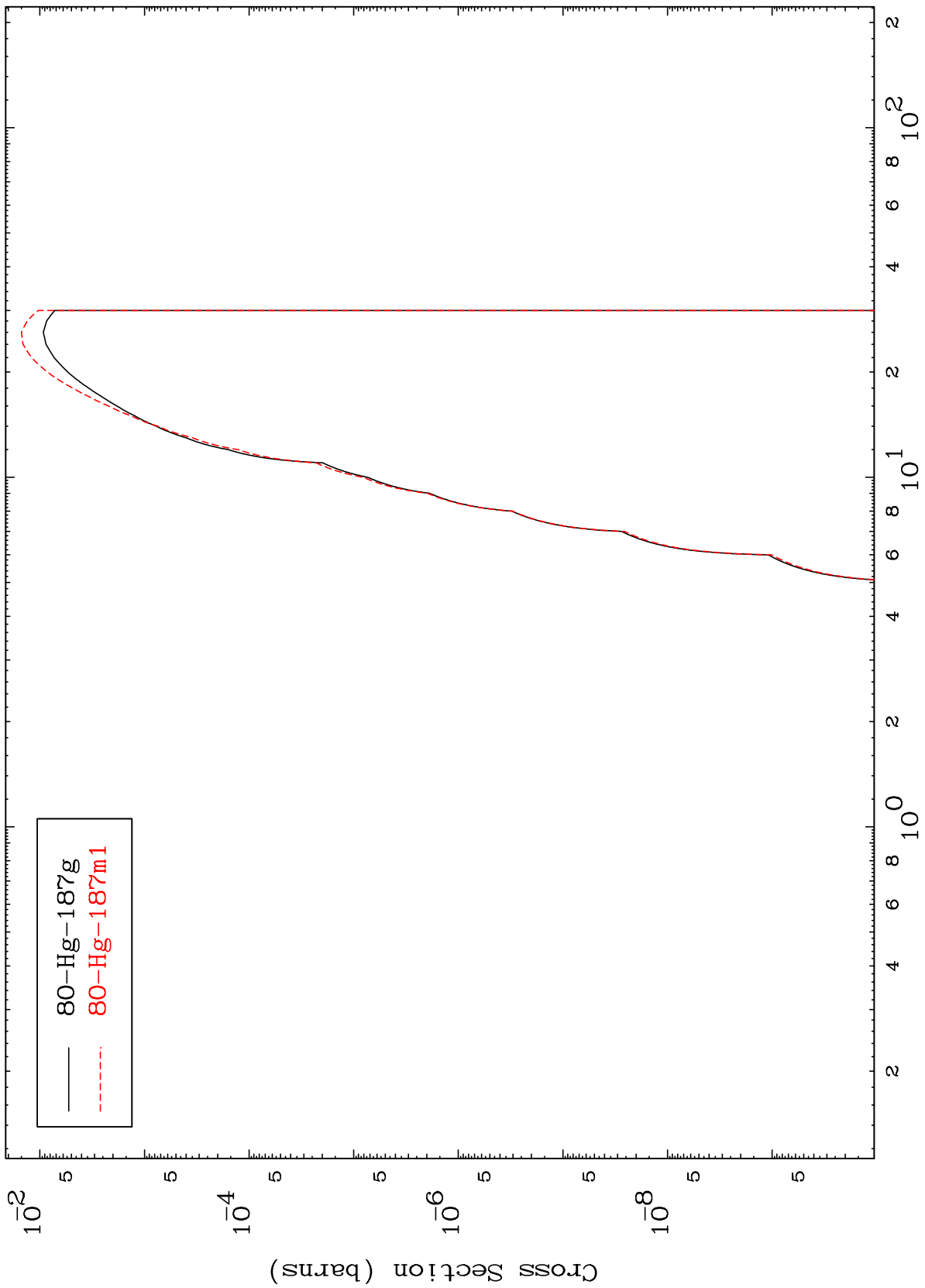


MAT 8086

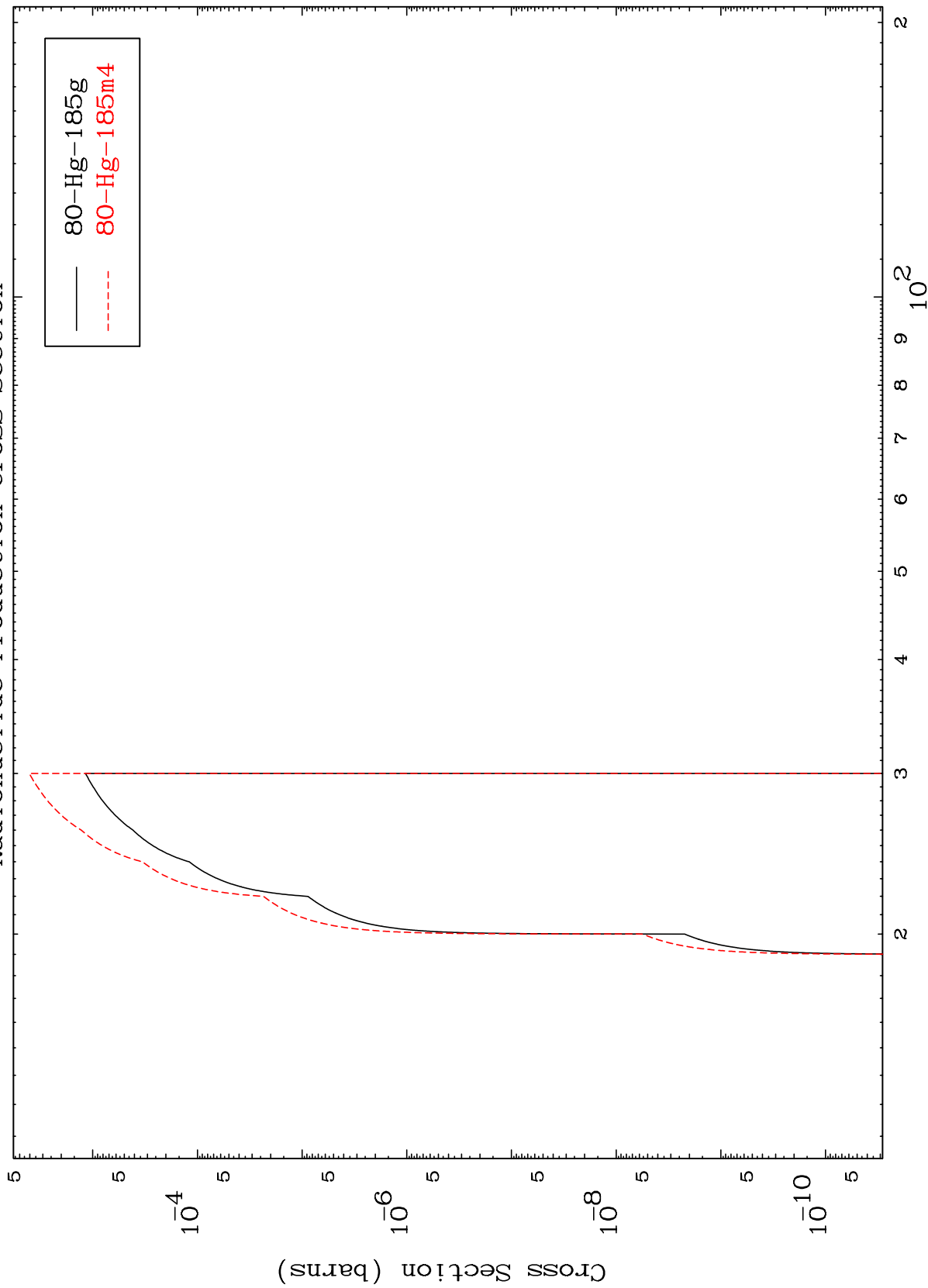
$(n, n') \alpha$

81-Tl-190

Radionuclide Production Cross Section

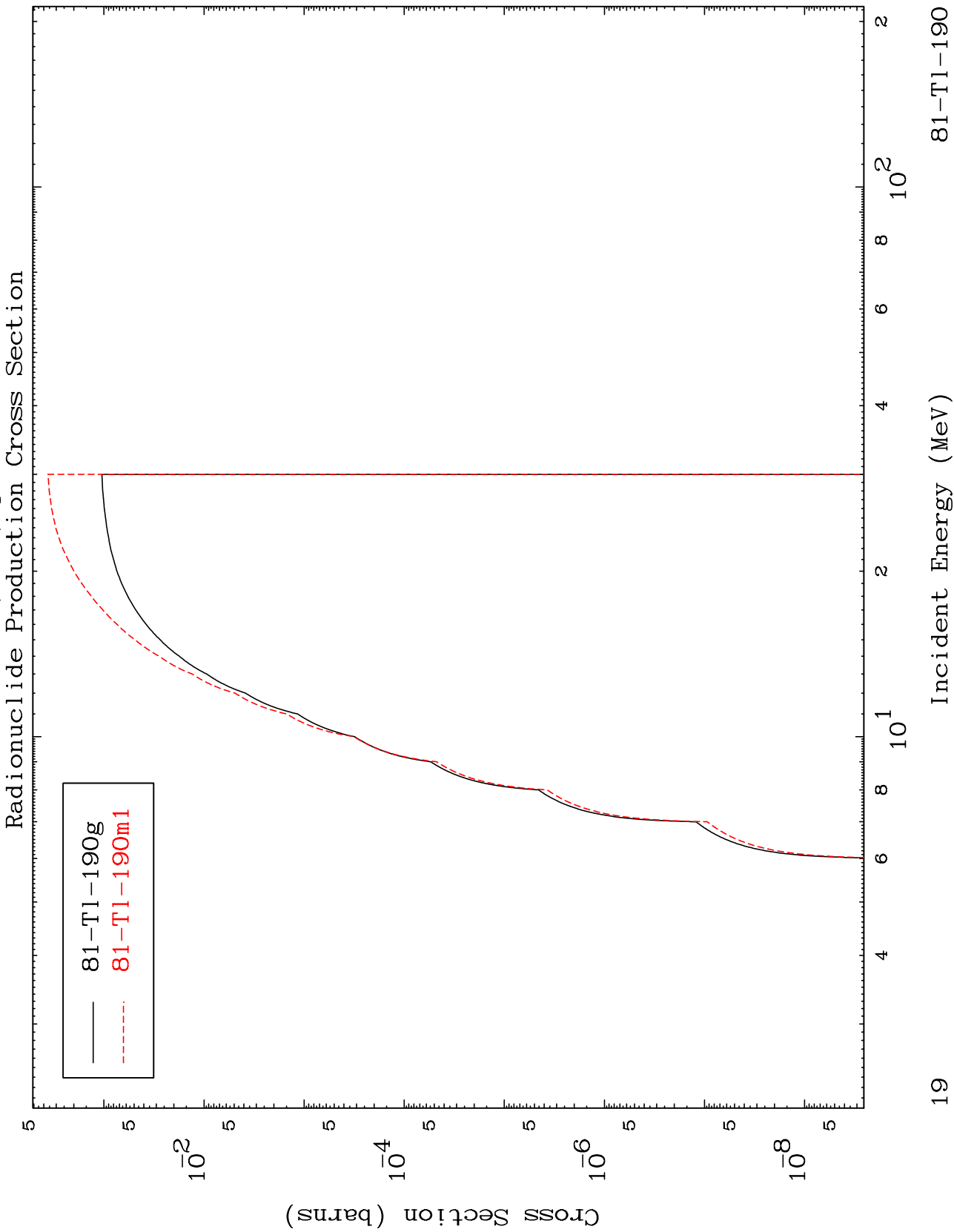


Radionuclide Production Cross Section



MAT 8086

81-Tl-190



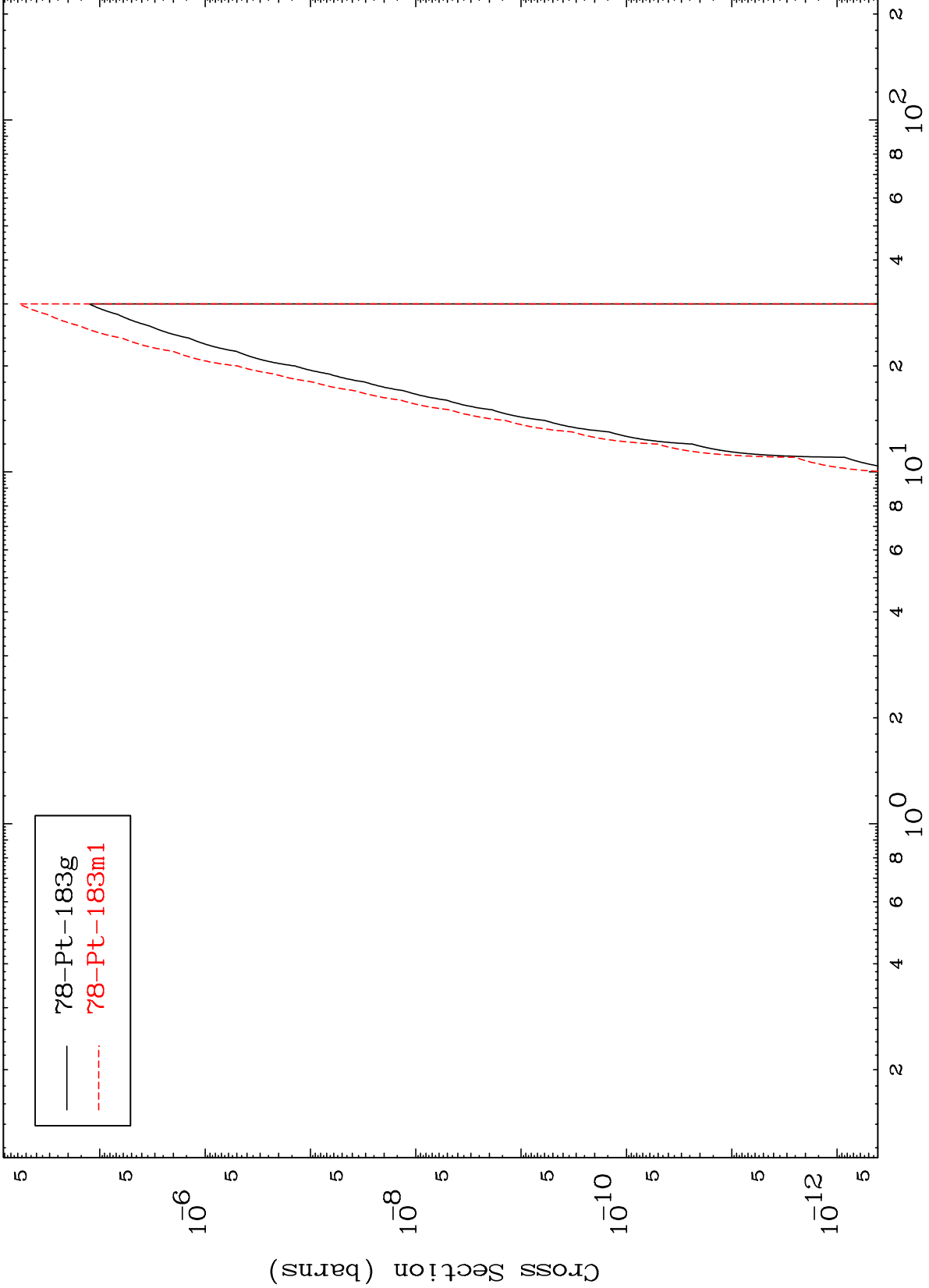
81-Tl-190g  
81-Tl-190m1

MAT 8086

(n,n') 2α

81-Tl-190

Radionuclide Production Cross Section



78-Pt-183g  
78-Pt-183m1

20

Incident Energy (MeV)

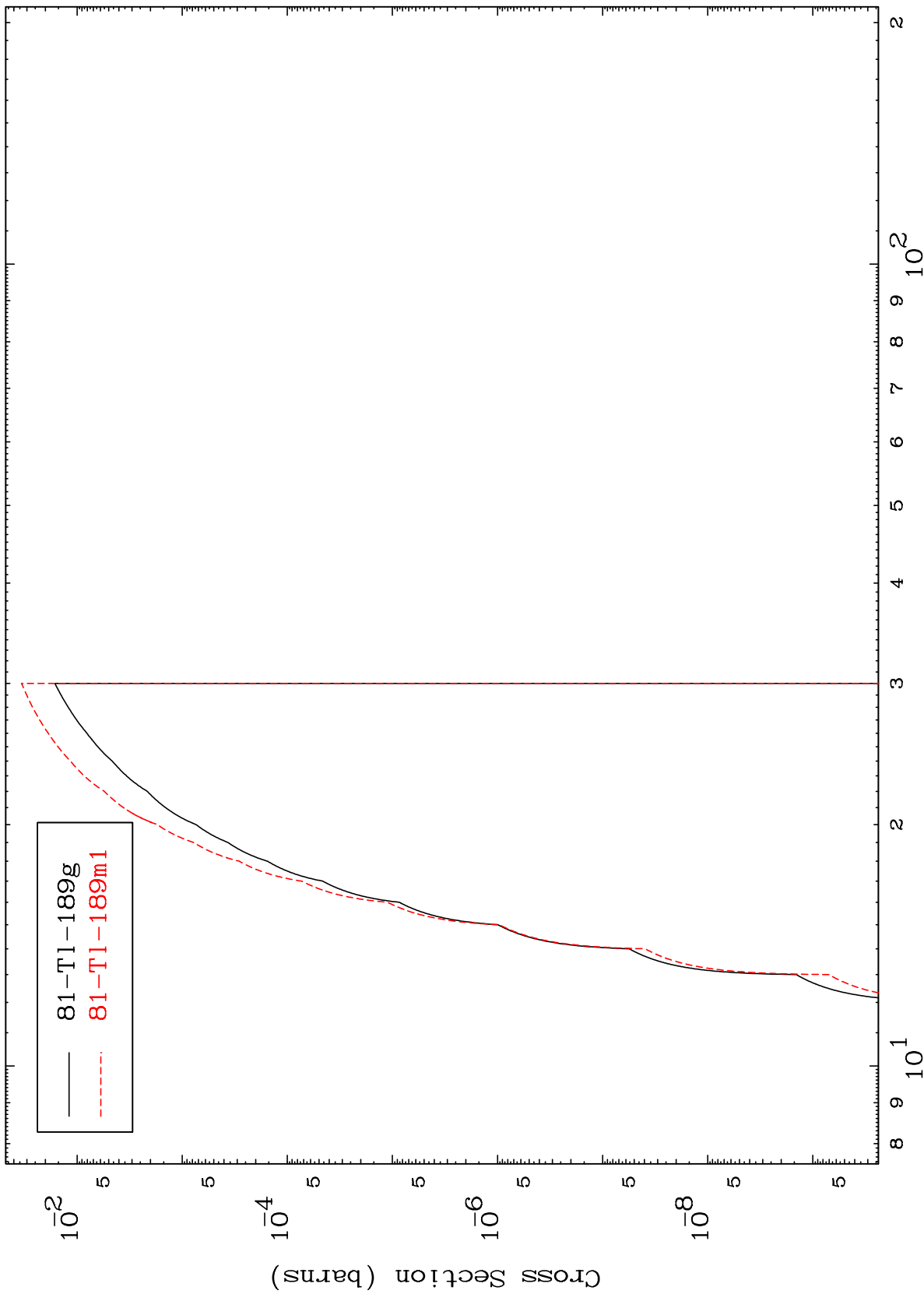
81-Tl-190

MAT 8086

(n,n') d

81-Tl-190

Radionuclide Production Cross Section

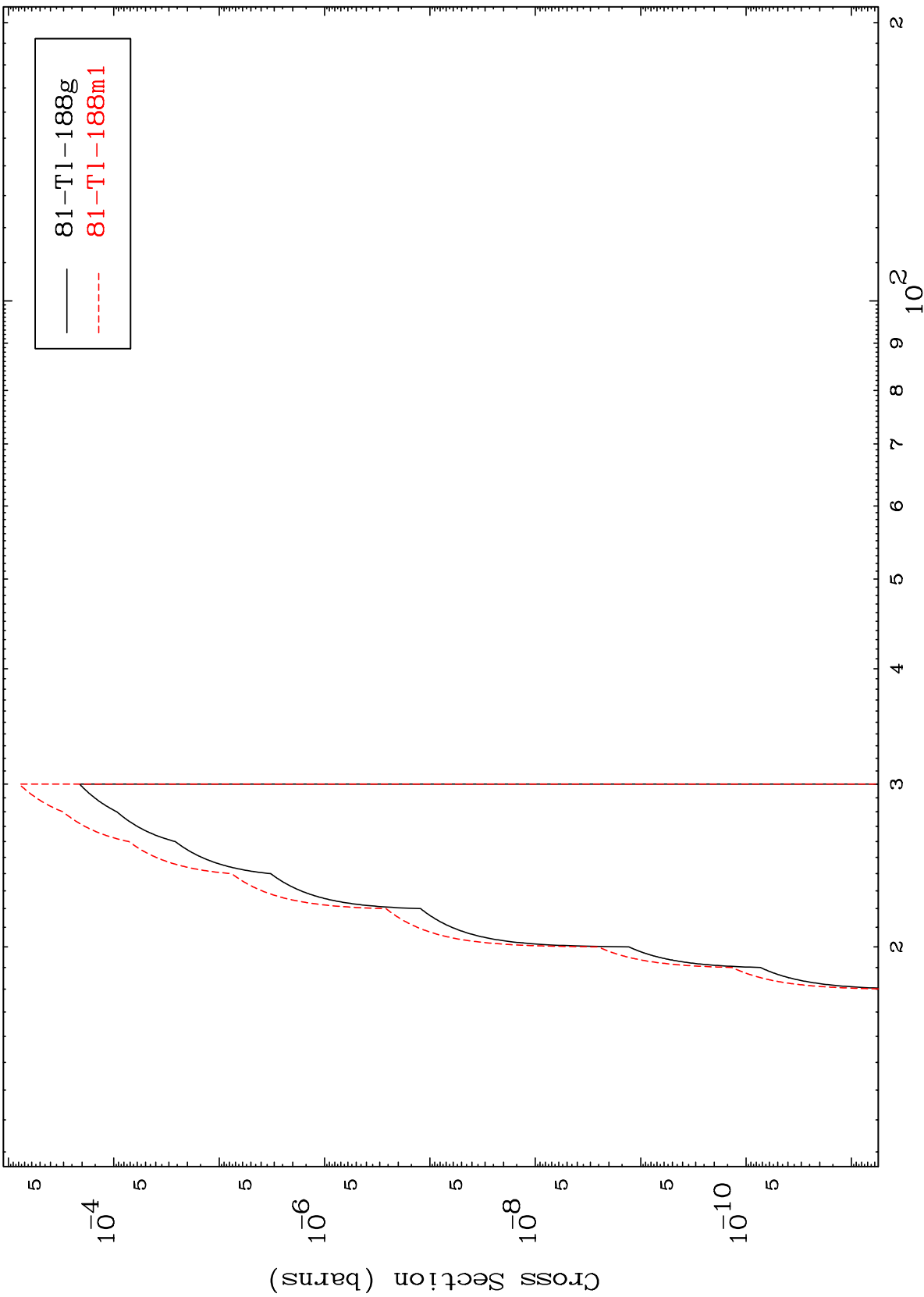


Incident Energy (MeV)

81-Tl-190

21

Radionuclide Production Cross Section

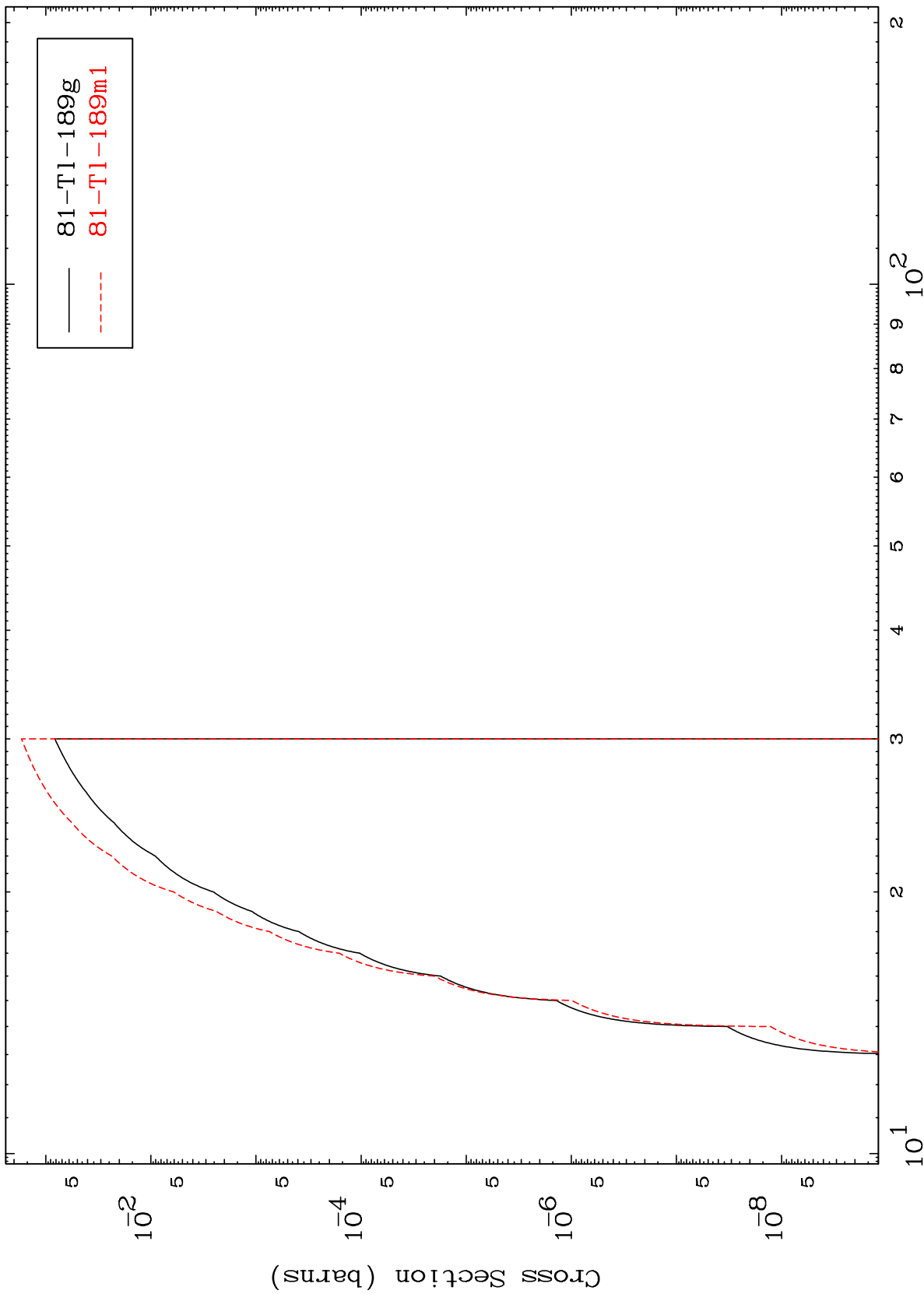


MAT 8086

(n,2n) p

81-Tl-190

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-190

23

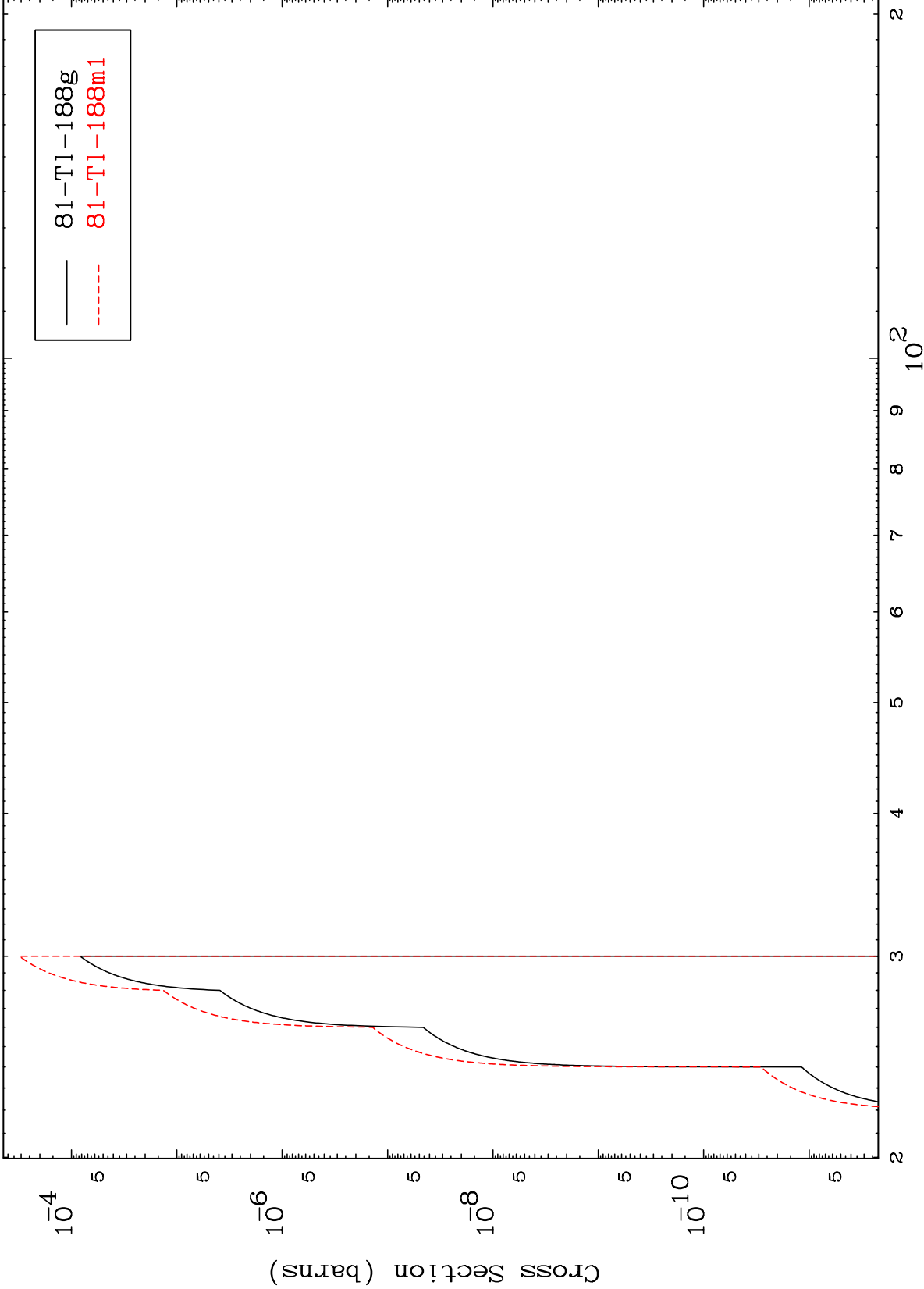


MAT 8086

(n,3n) p

81-Tl-190

Radionuclide Production Cross Section



24

Incident Energy (MeV)

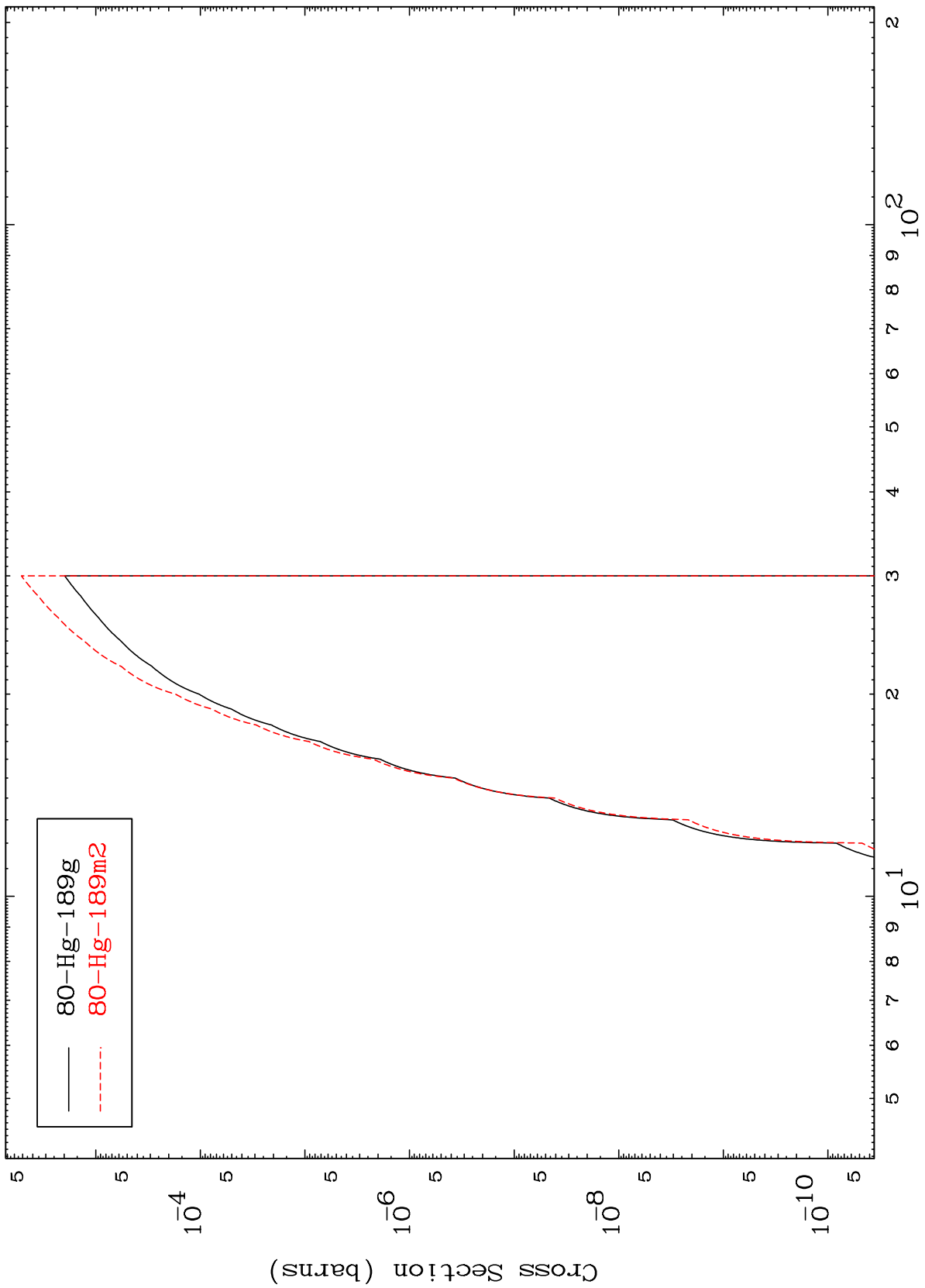
81-Tl-190

MAT 8086

(n,2n) p

81-Tl-190

Radionuclide Production Cross Section



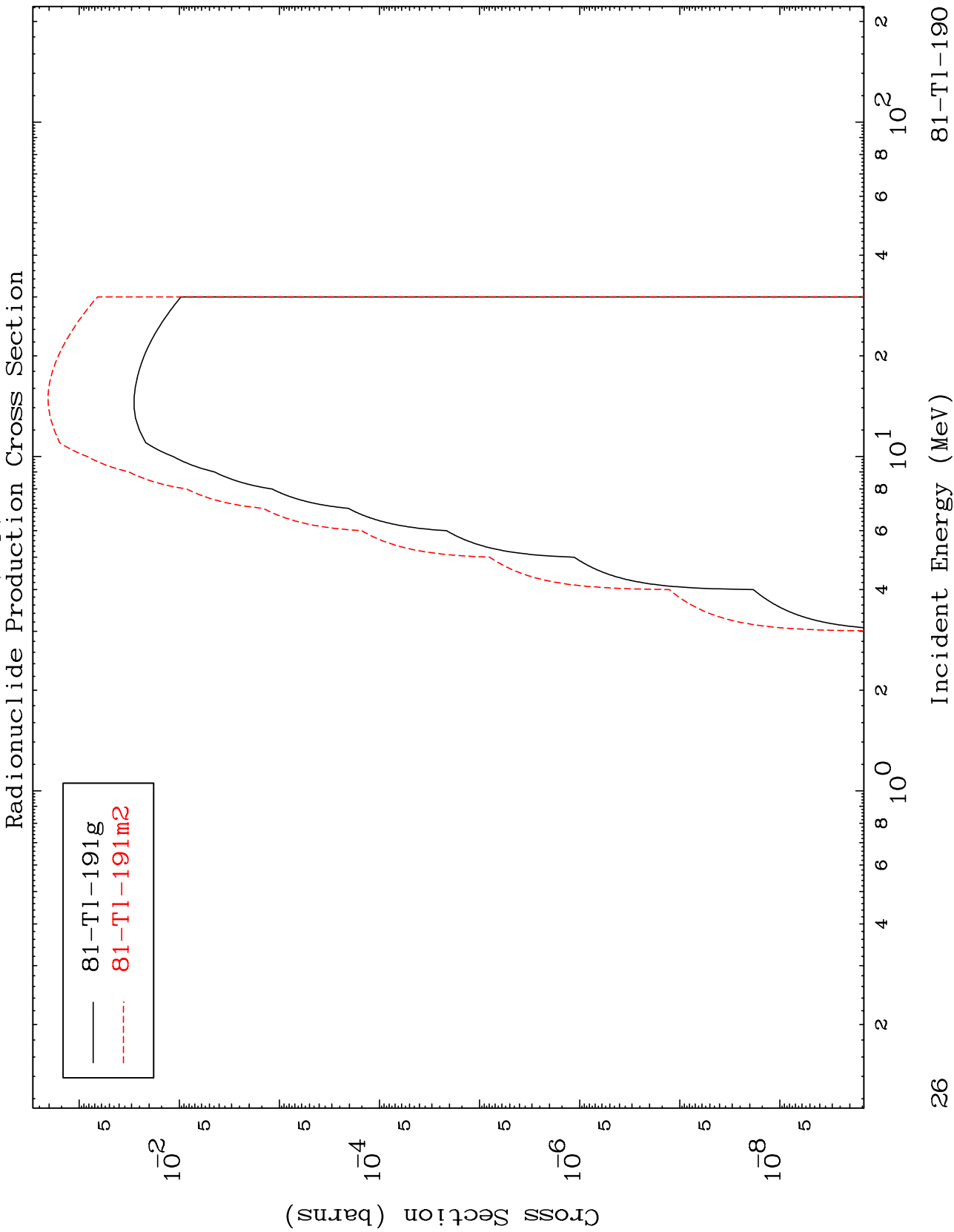
25

Incident Energy (MeV)

81-Tl-190

MAT 8086

81-Tl-190

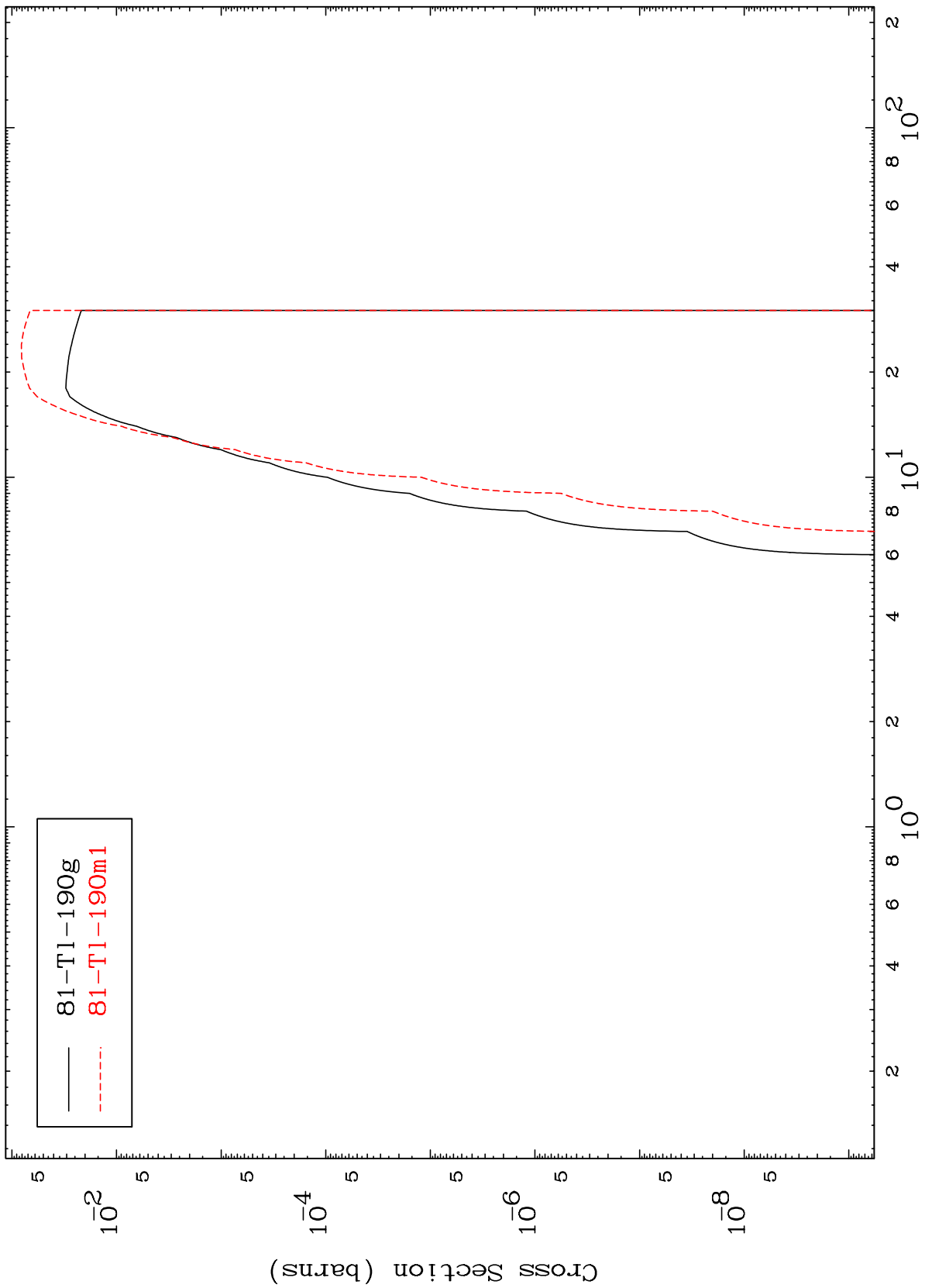


MAT 8086

(n,d)

81-Tl-190

Radionuclide Production Cross Section

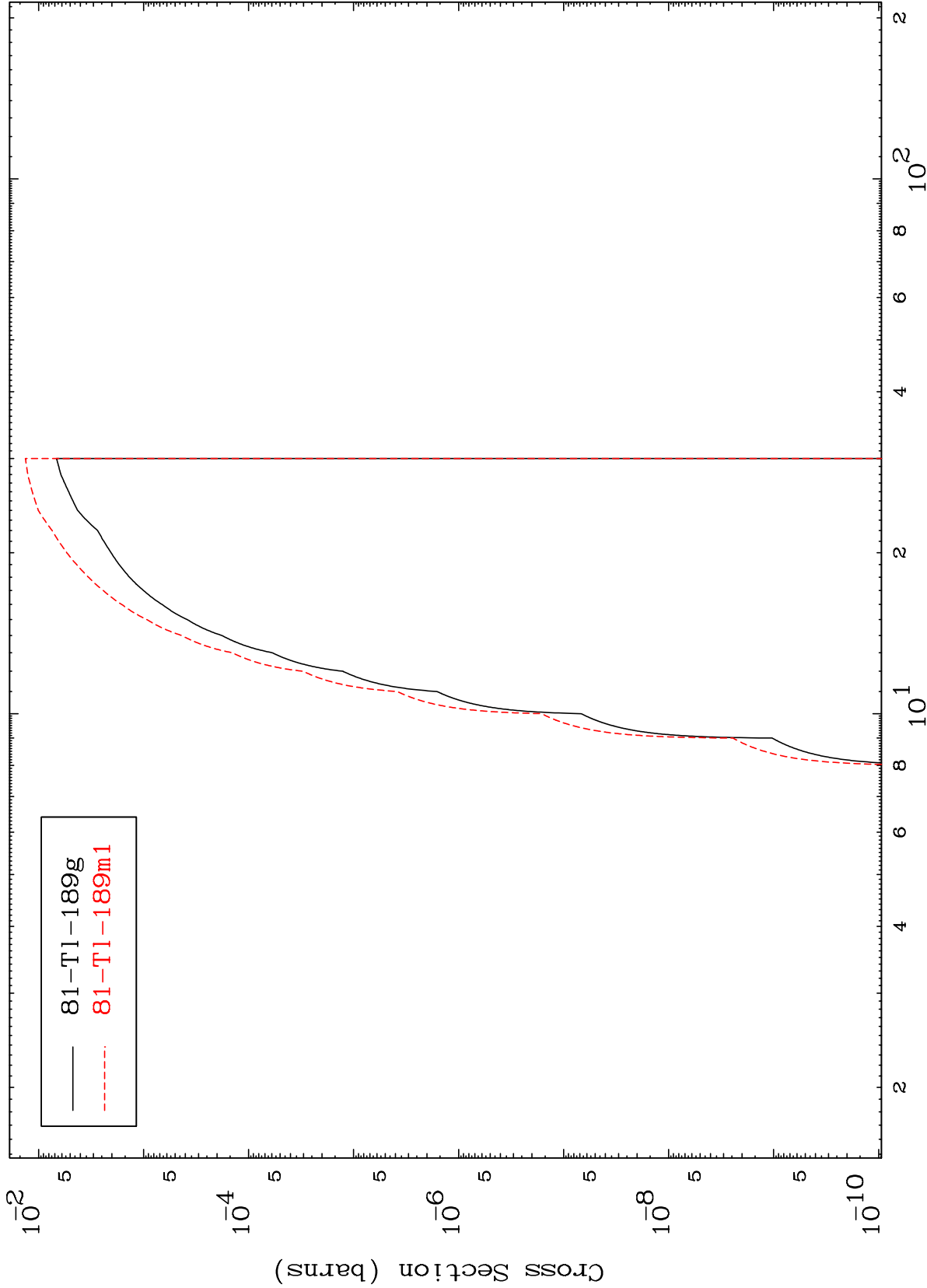


81-Tl-190g  
81-Tl-190m1

MAT 8086

81-Tl-190

(n, t)  
Radionuclide Production Cross Section



28

81-Tl-190

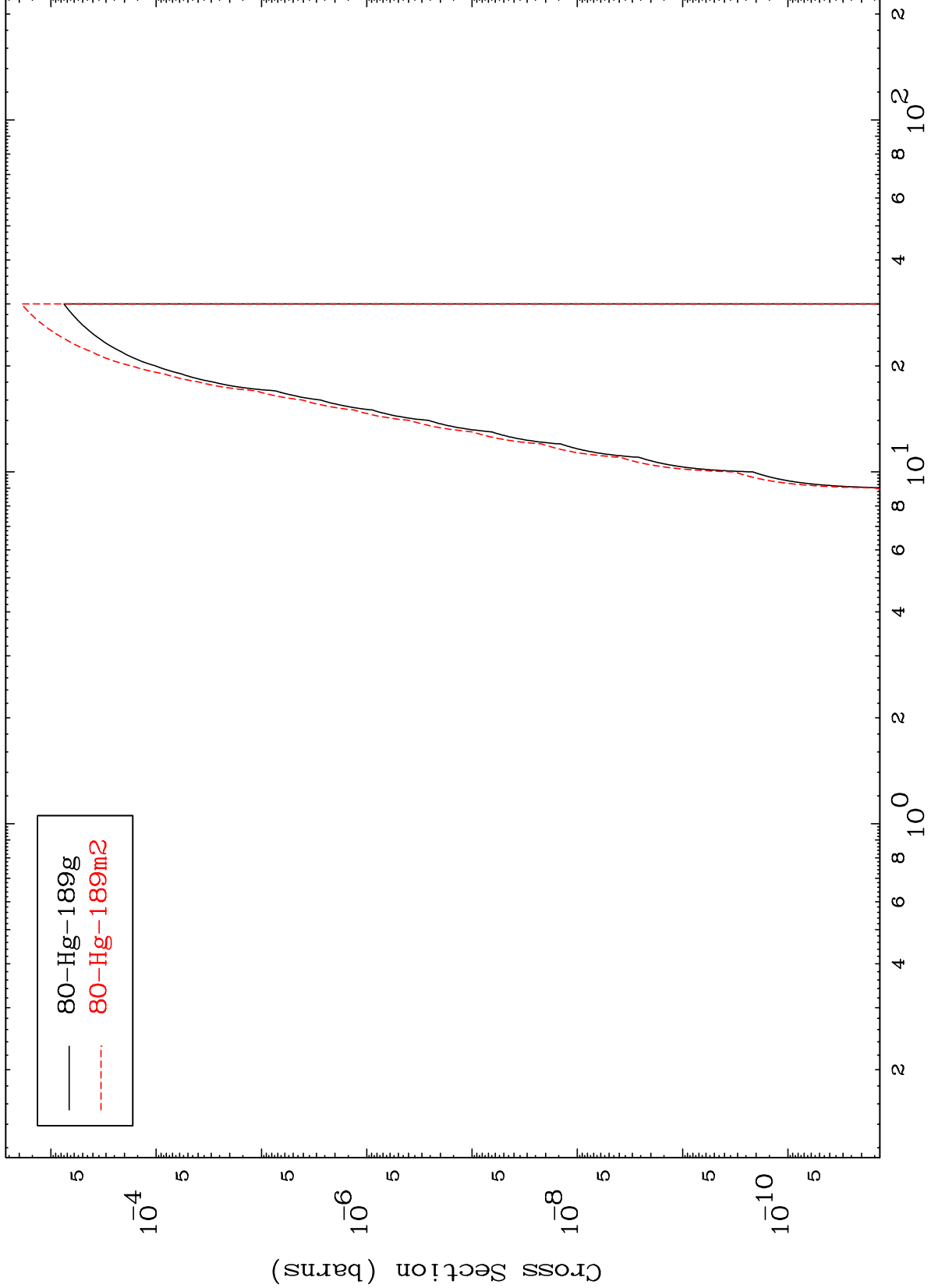
Incident Energy (MeV)

MAT 8086

(n,He-3)

81-Tl-190

Radionuclide Production Cross Section

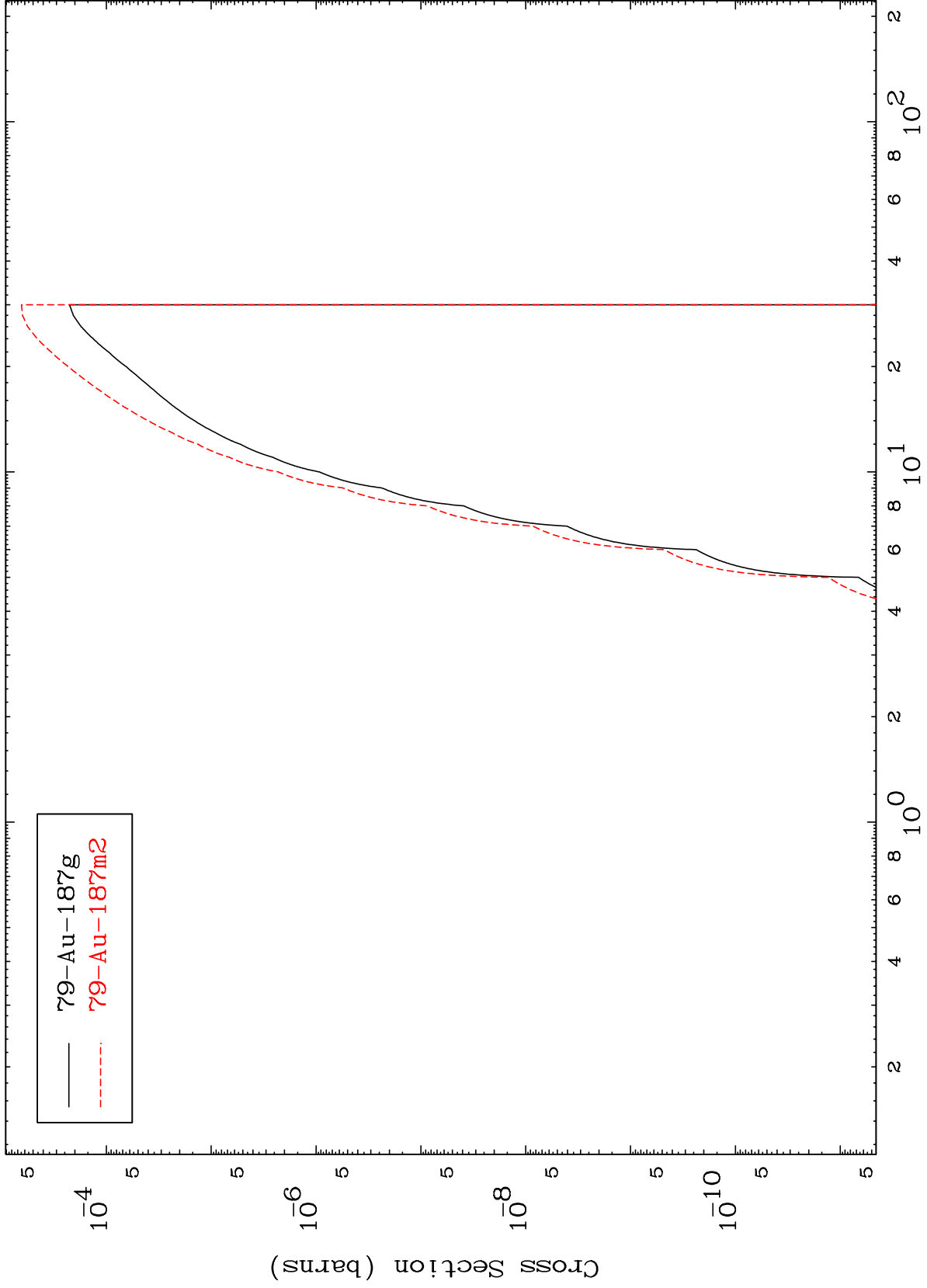


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(n,p)  $\alpha$

81-Tl-190

Radionuclide Production Cross Section



30

Incident Energy (MeV)

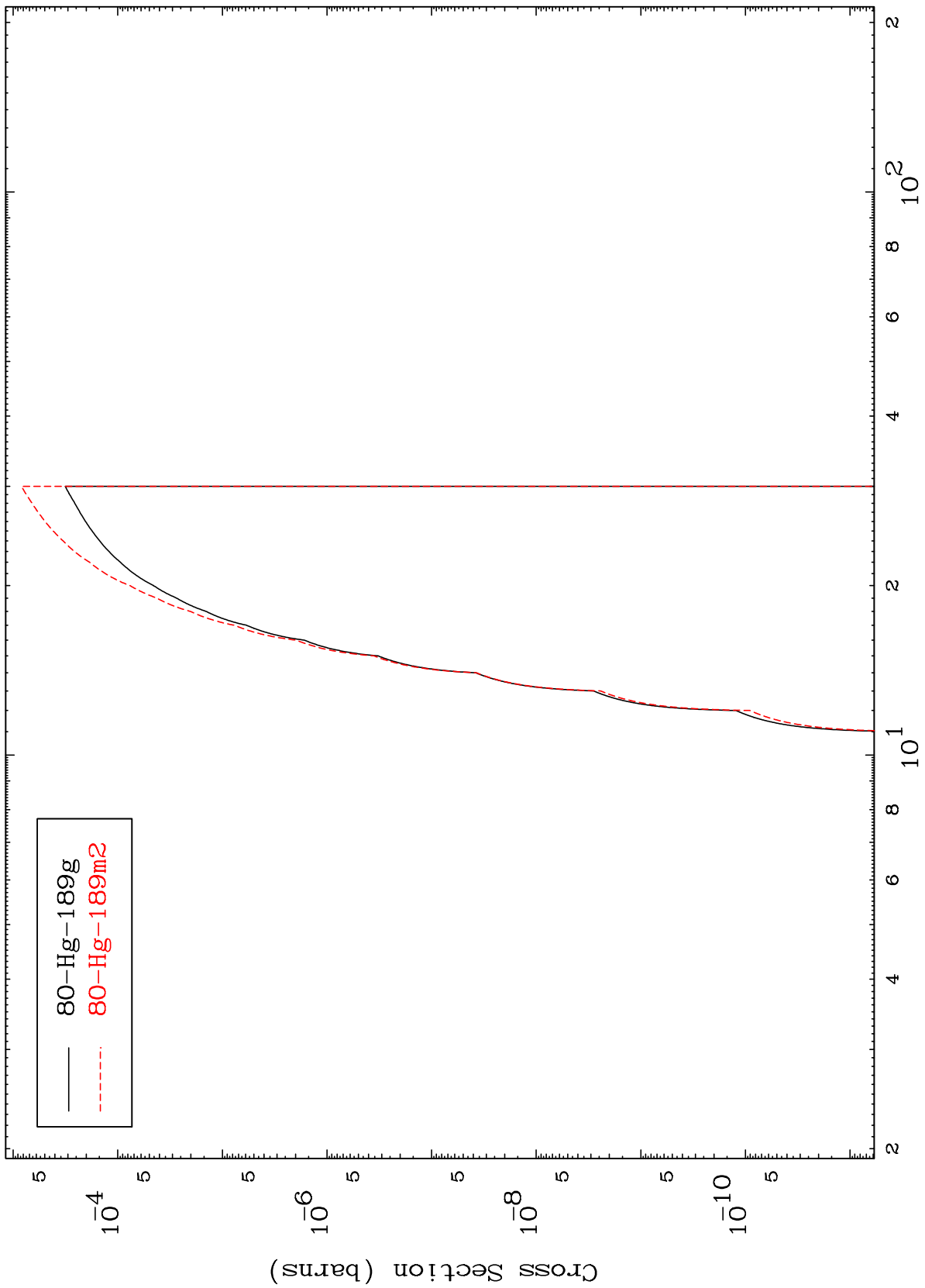
81-Tl-190

MAT 8086

(n,p) d

81-Tl-190

Radionuclide Production Cross Section



31

Incident Energy (MeV)

81-Tl-190