

Program EVALPLOT  
(Version 2021-1)

by

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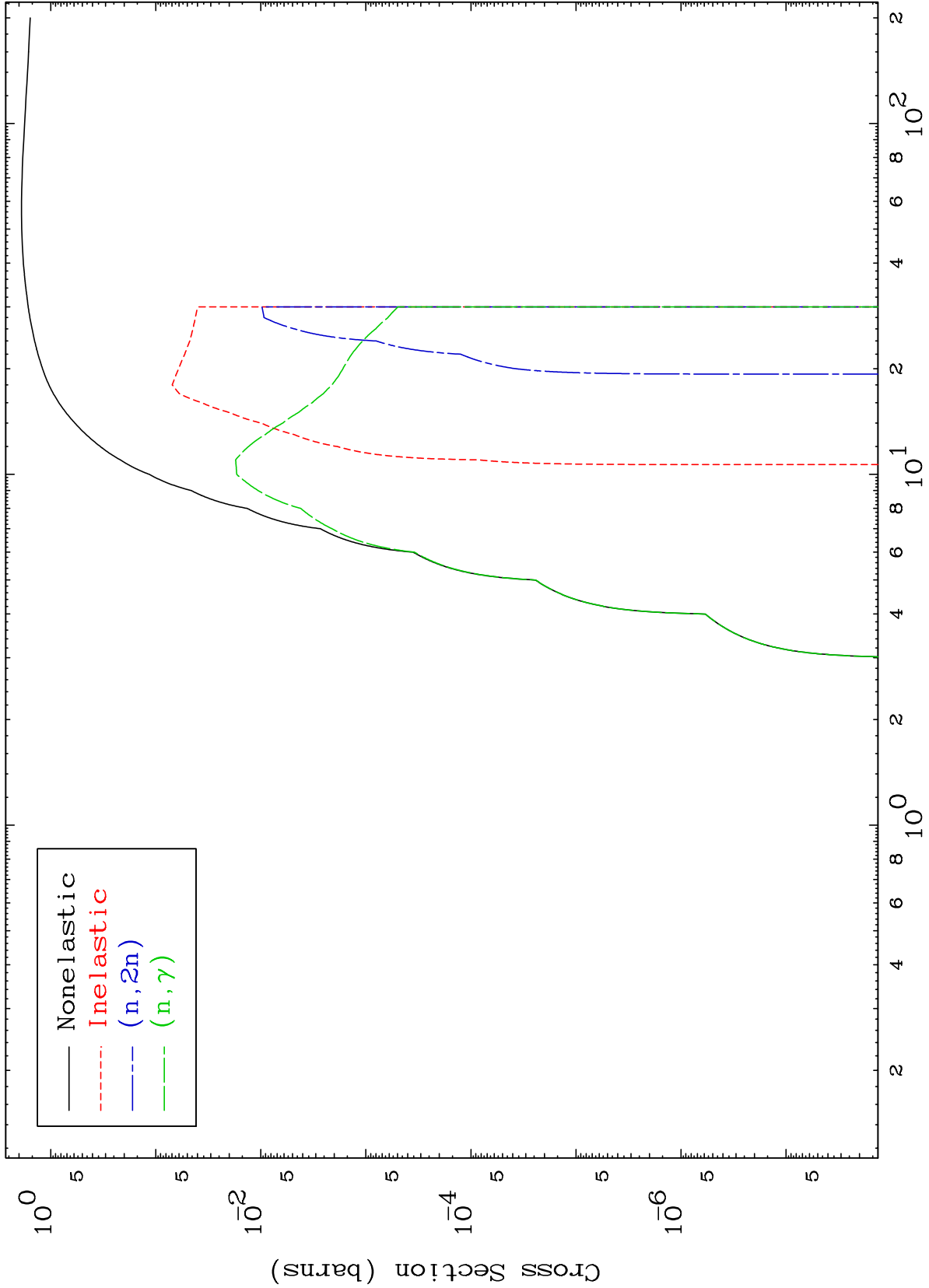
Press Mouse Button to Start

MAT 8183

Proton Major

82-Pb-190

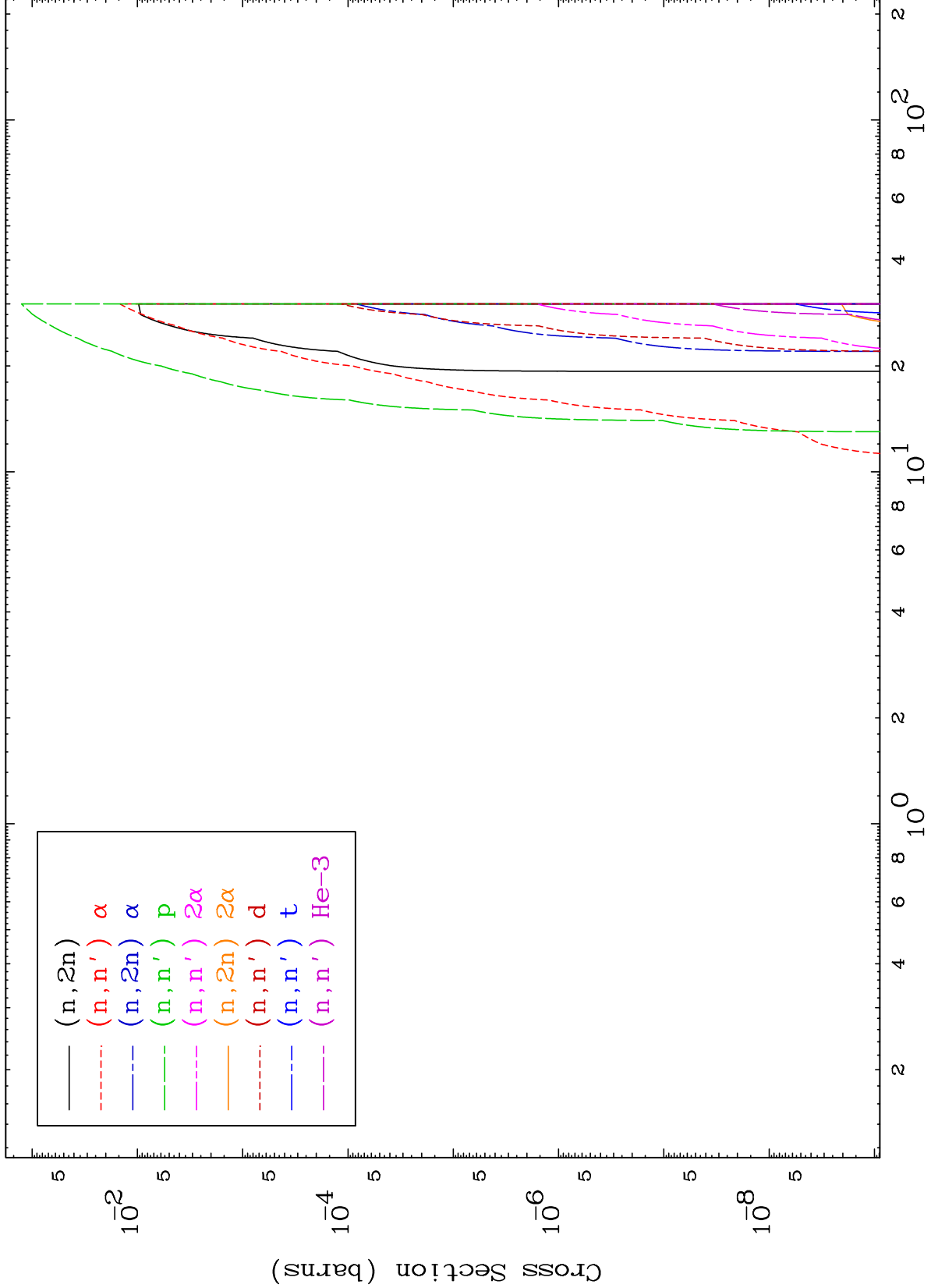
0 Kelvin Cross Sections

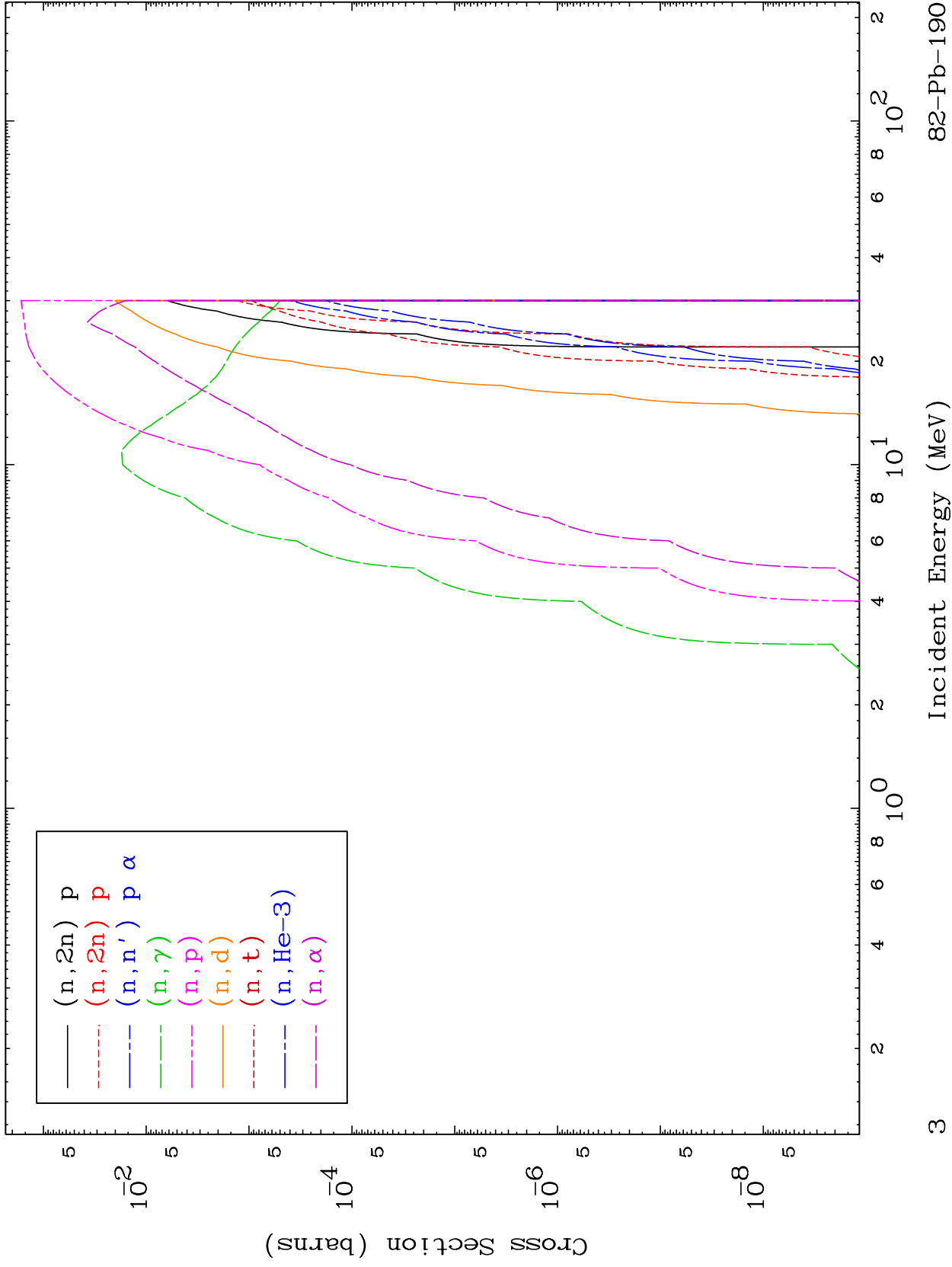


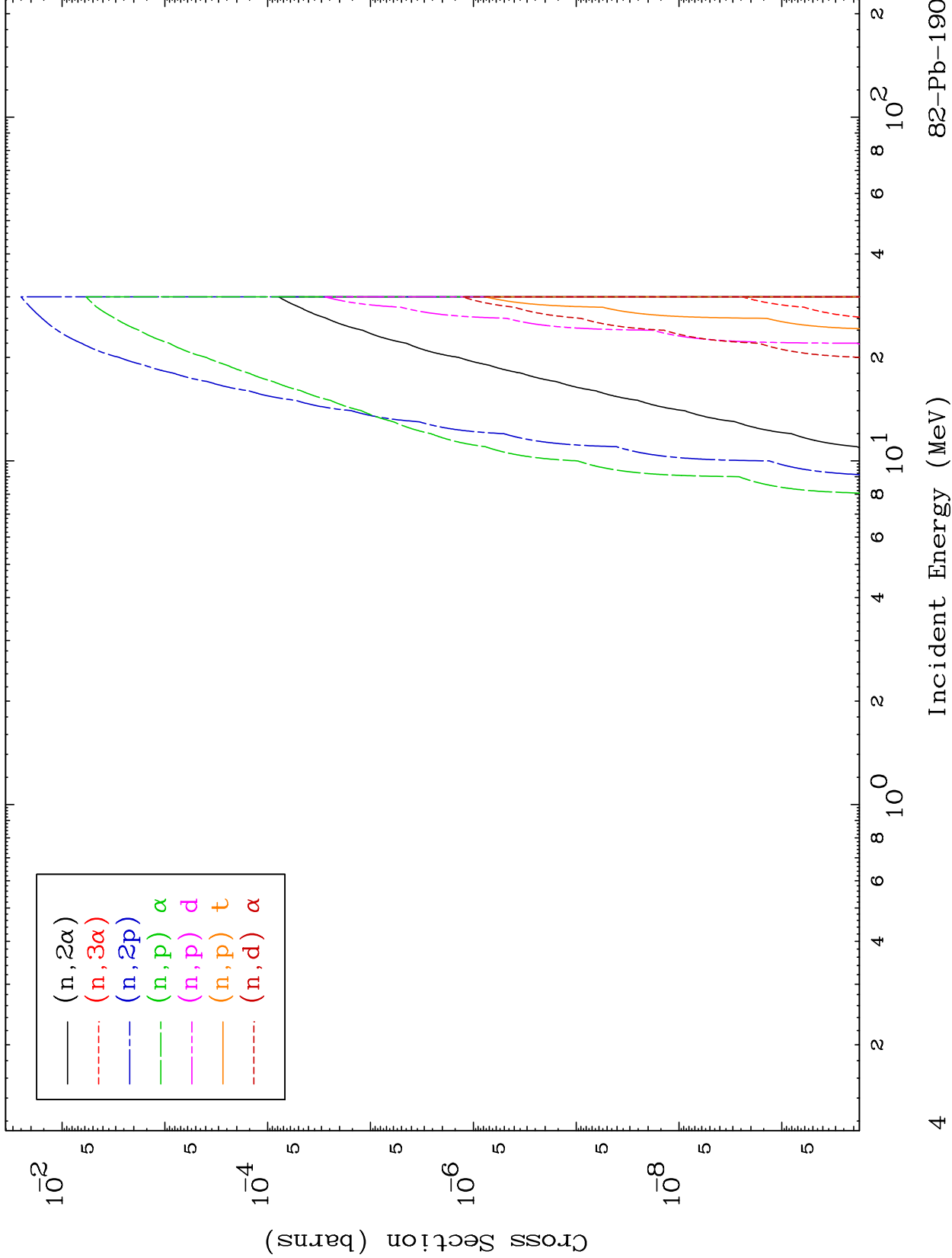
MAT 8183

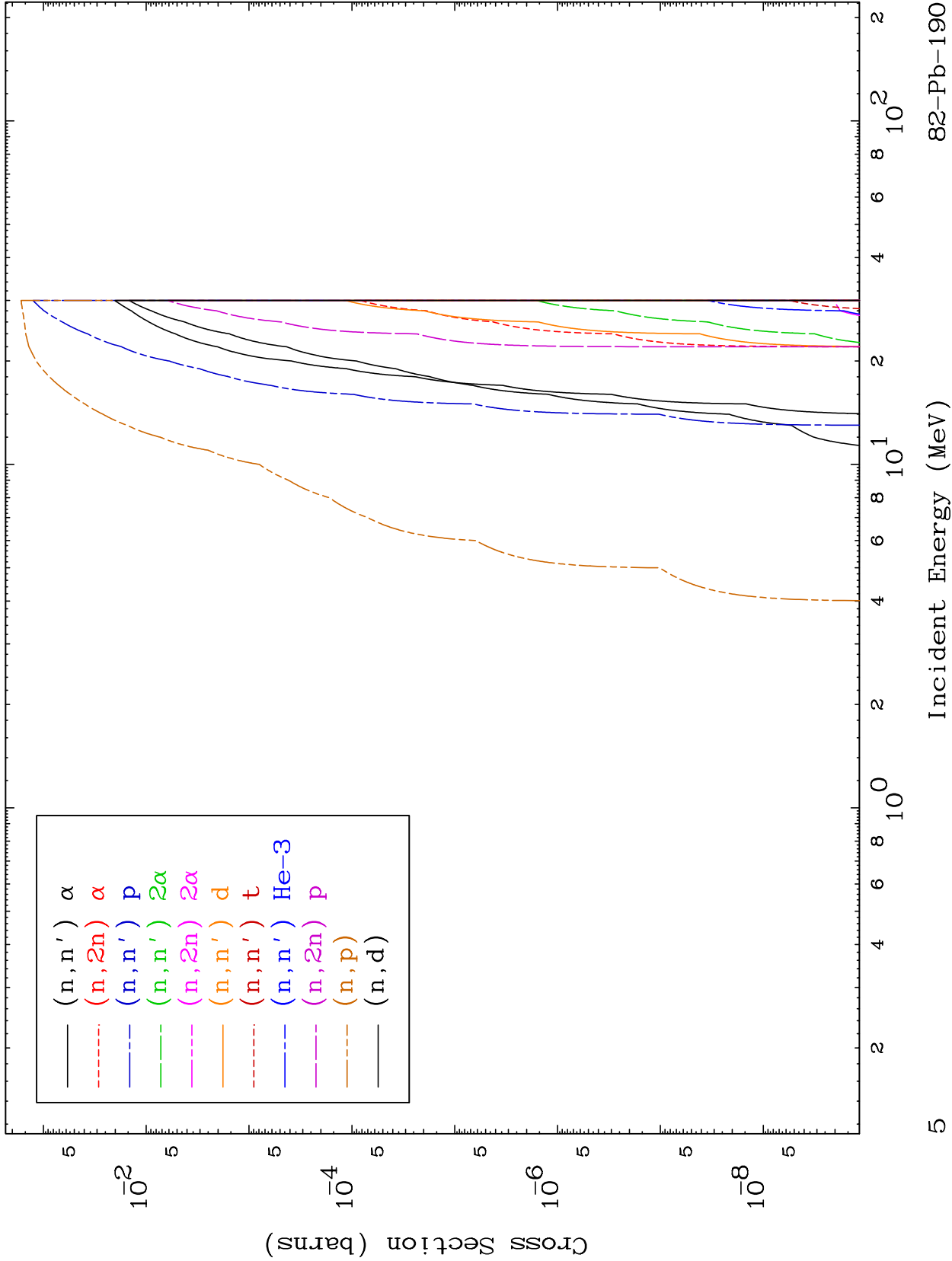
Proton Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-190





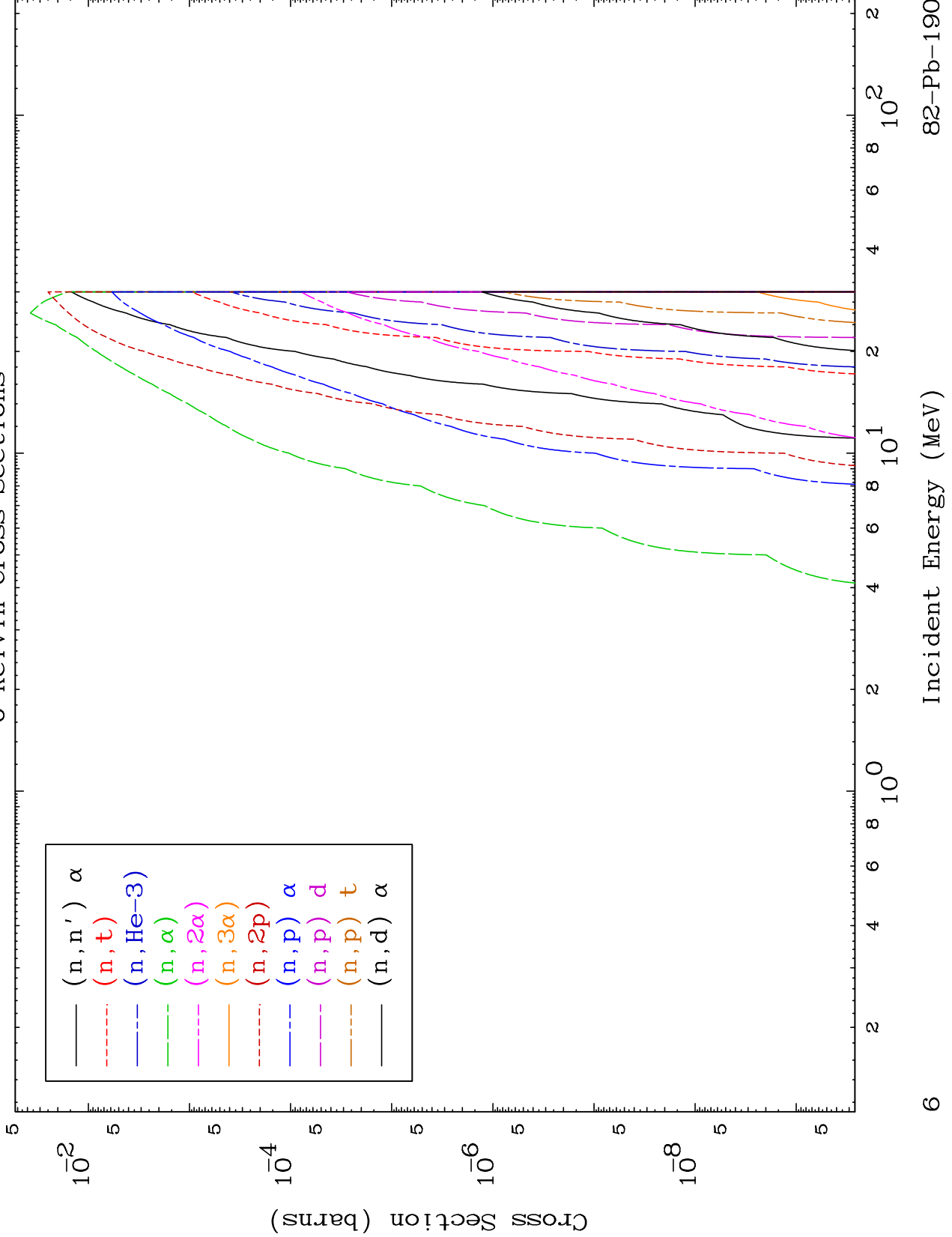




MAT 8183

Proton Charged Particle  
0 Kelvin Cross Sections

82-Pb-190

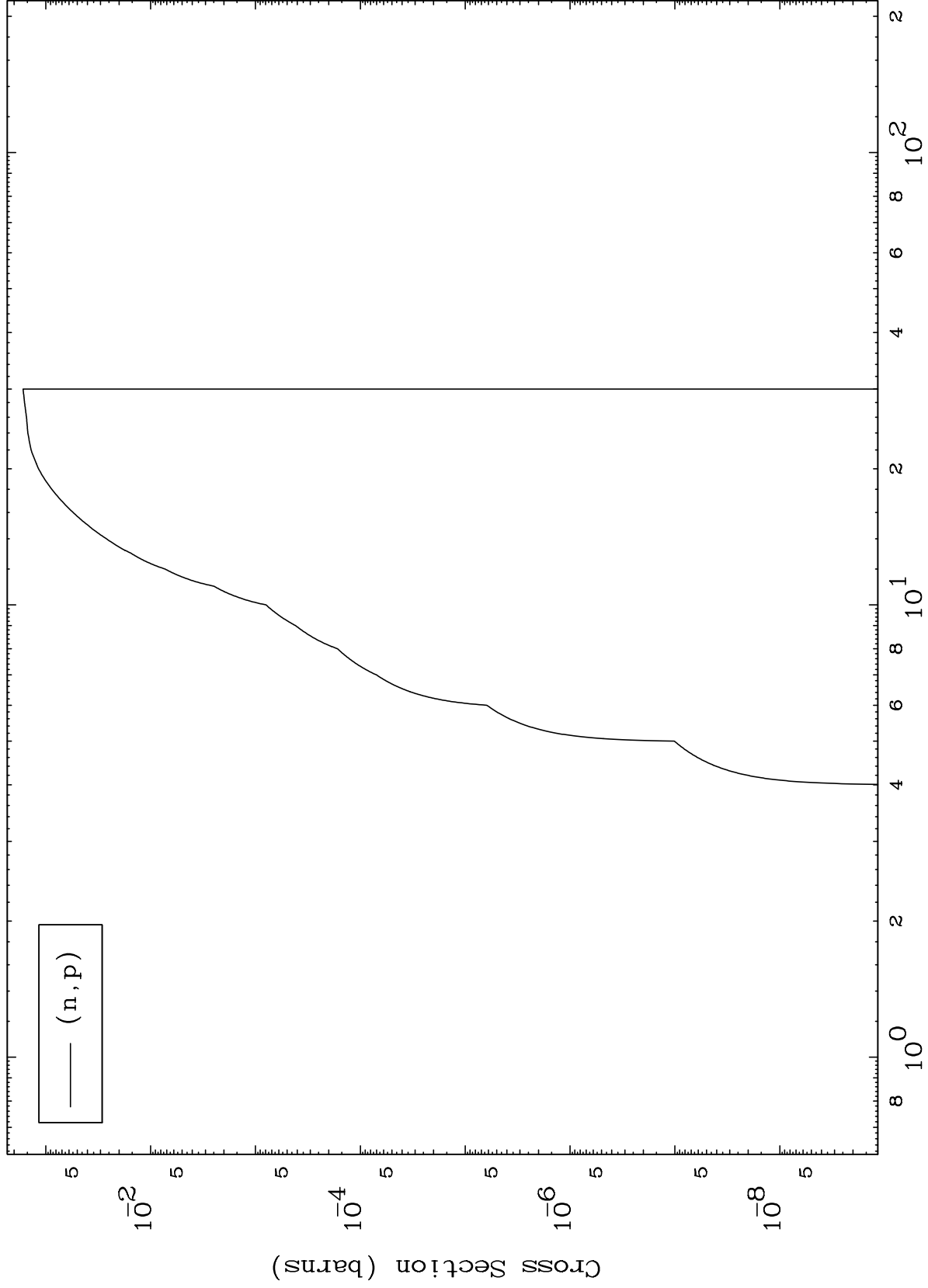


MAT 8183

(p,p) Levels

82-Pb-190

0 Kelvin Cross Sections



7

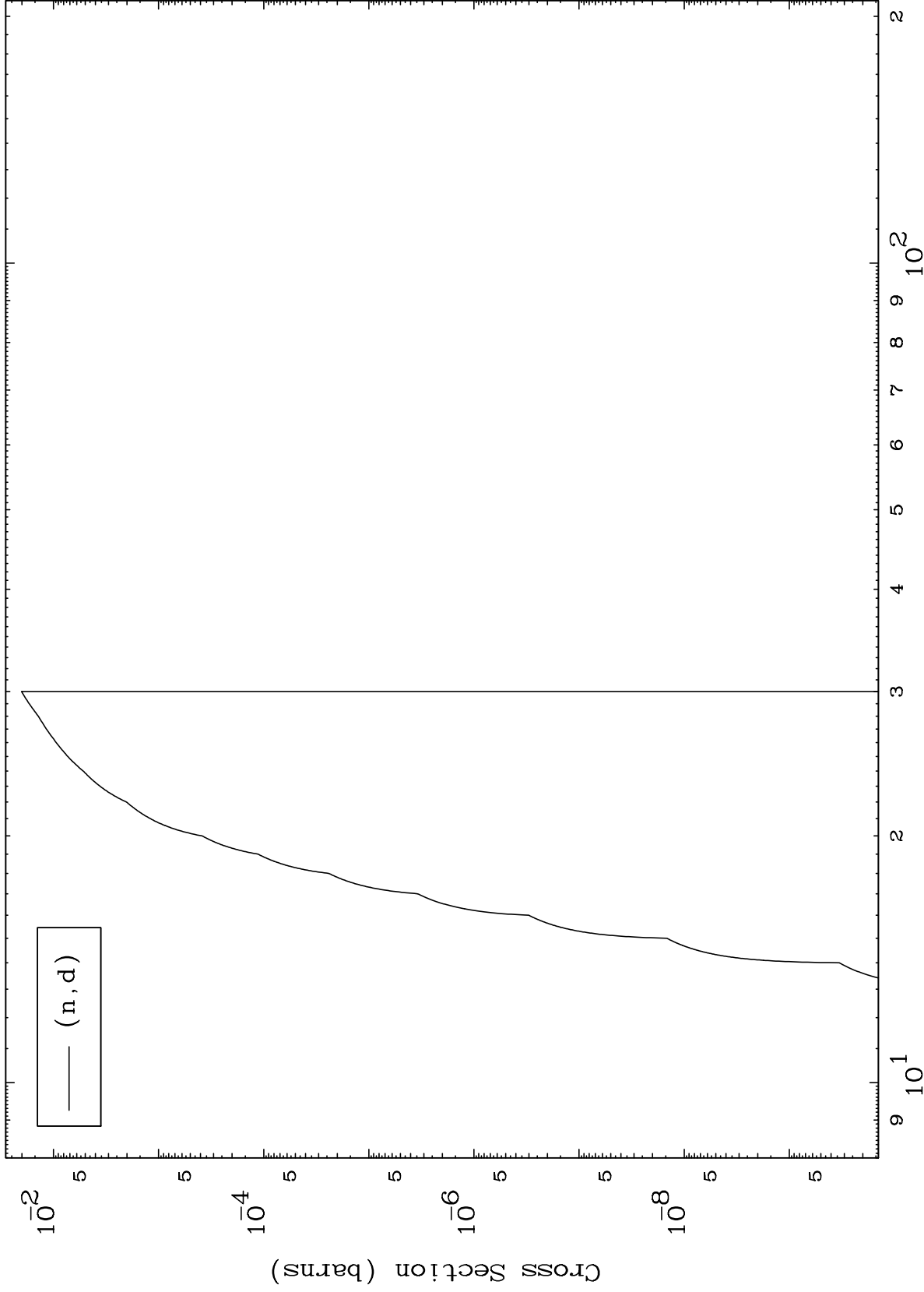
Incident Energy (MeV)

82-Pb-190

MAT 8183

(p,d) Levels  
0 Kelvin Cross Sections

82-Pb-190



8

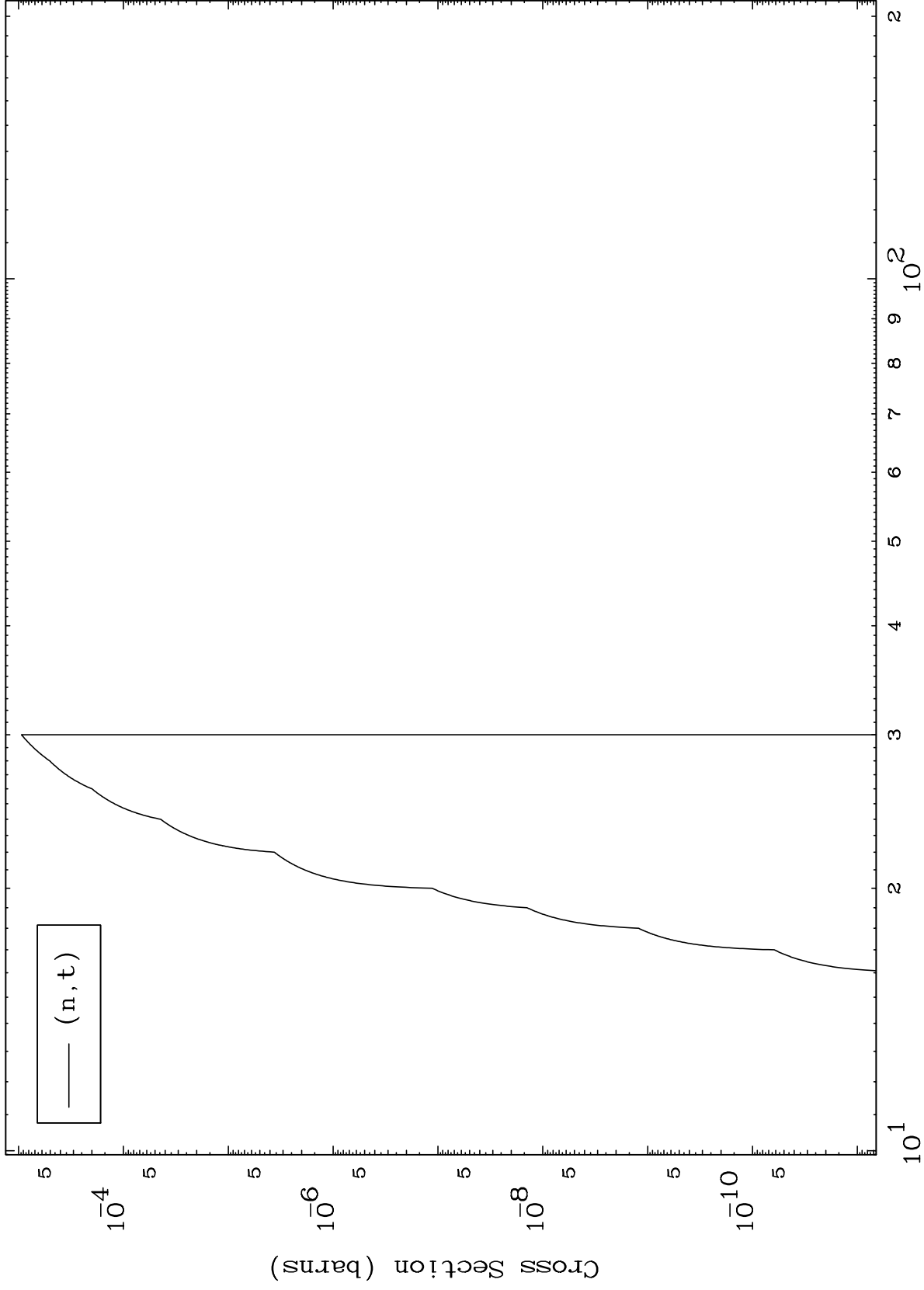
Incident Energy (MeV)

82-Pb-190

MAT 8183

(p,t) Levels  
0 Kelvin Cross Sections

82-Pb-190



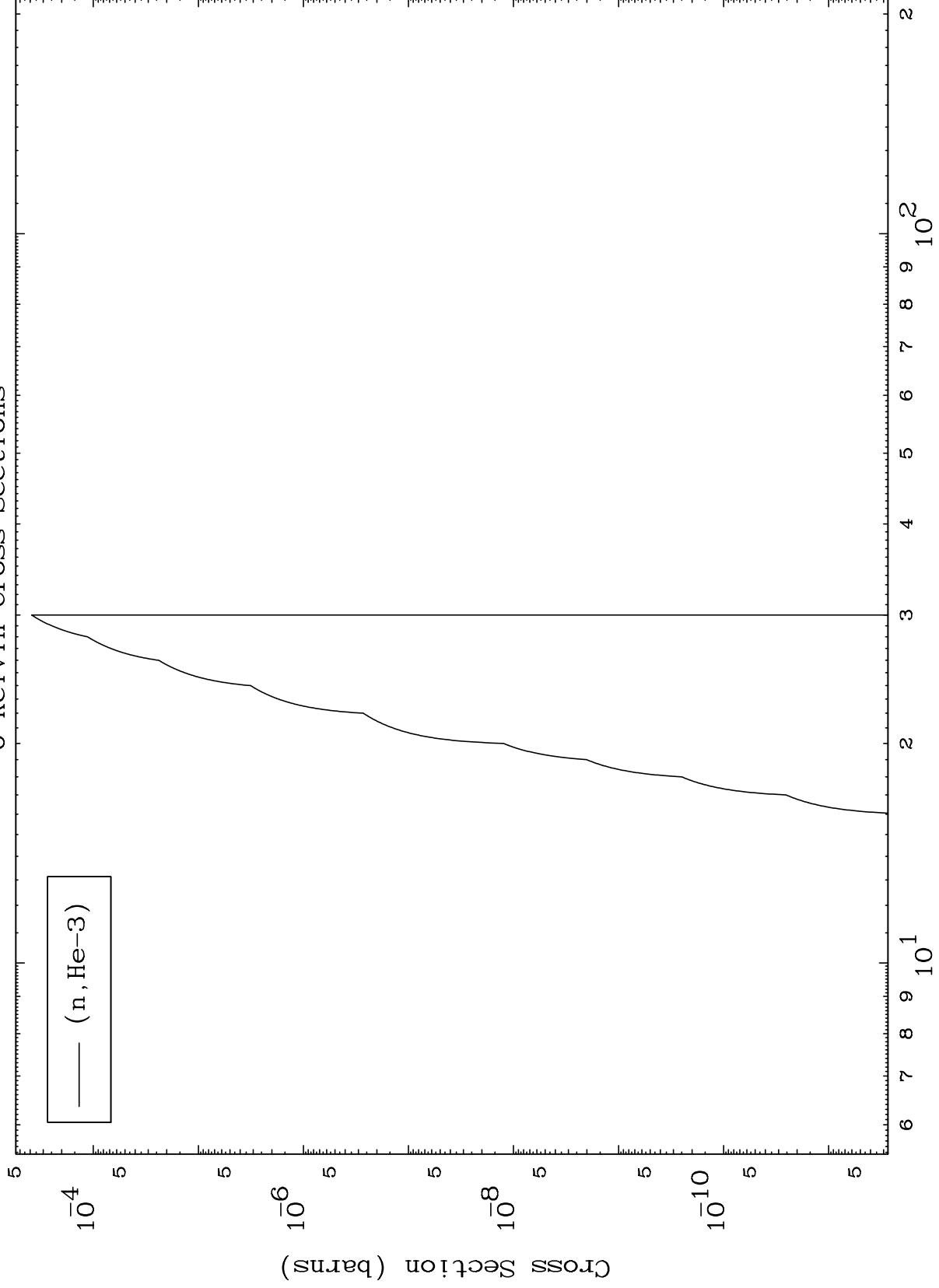
Incident Energy (MeV)

82-Pb-190

MAT 8183

(p,He3) Levels  
0 Kelvin Cross Sections

82-Pb-190



10

Incident Energy (MeV)

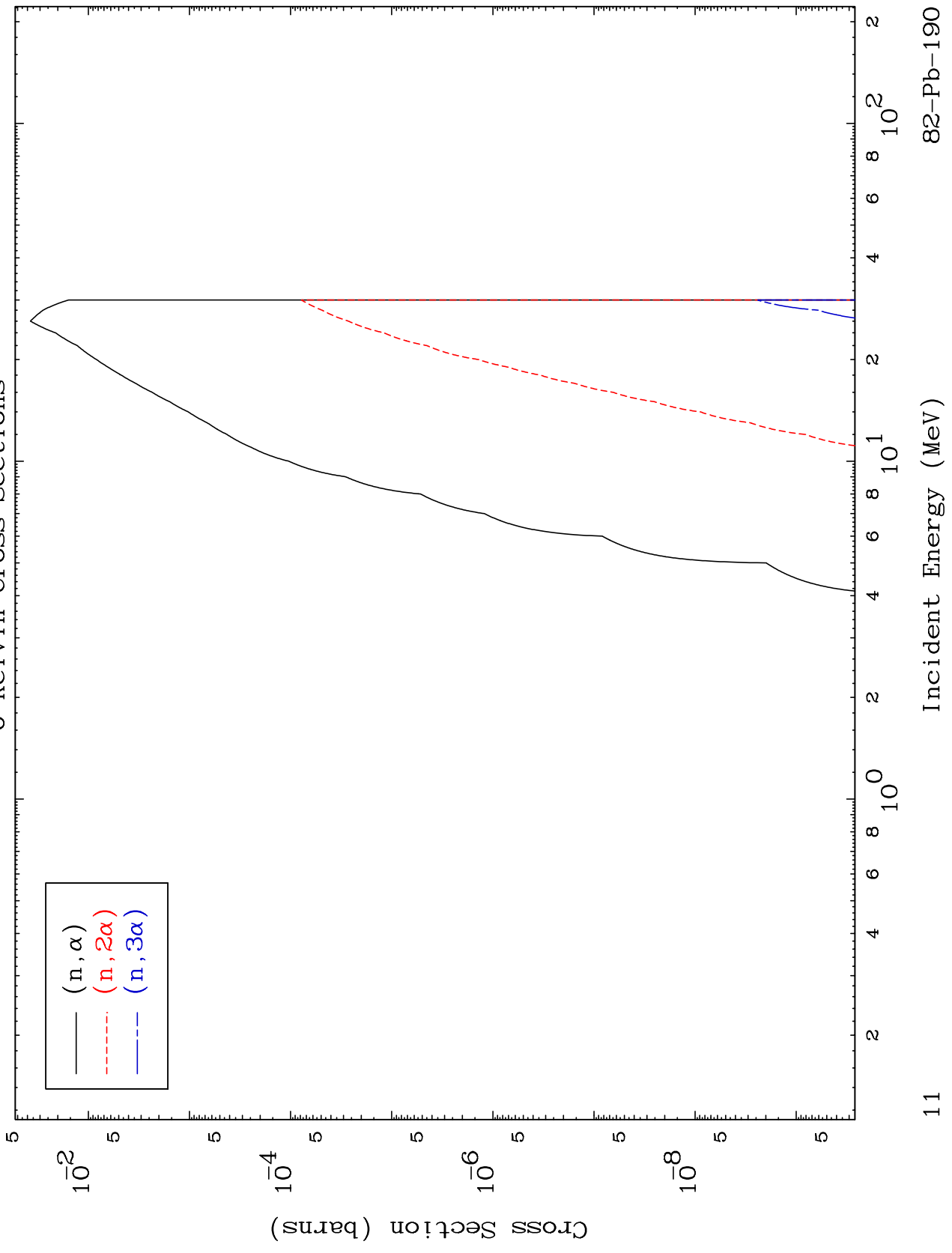
82-Pb-190

MAT 8183

(p,  $\alpha$ ) Levels

82-Pb-190

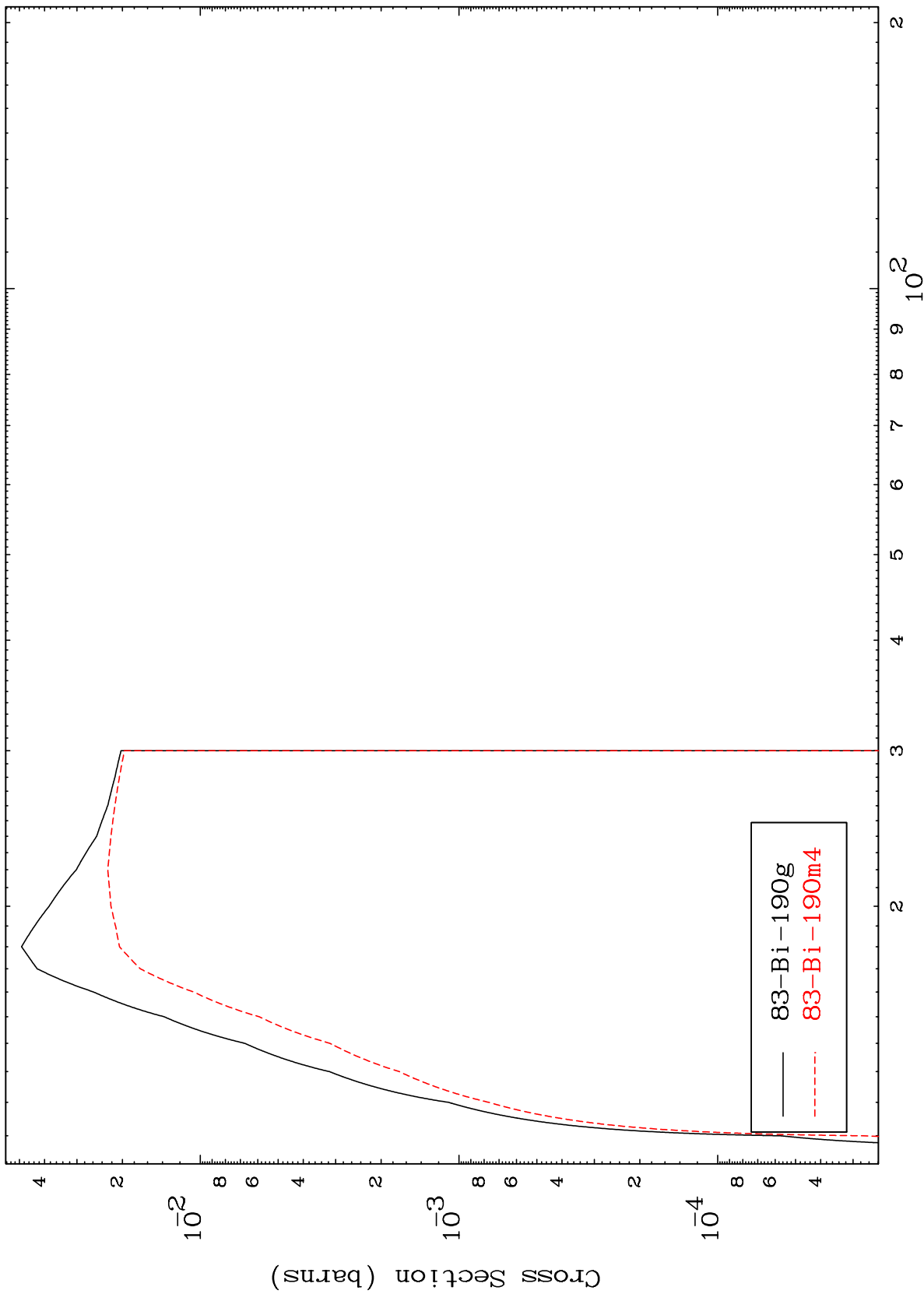
0 Kelvin Cross Sections



MAT 8183

82-Pb-190

Inelastic  
Radionuclide Production Cross Section



82-Pb-190

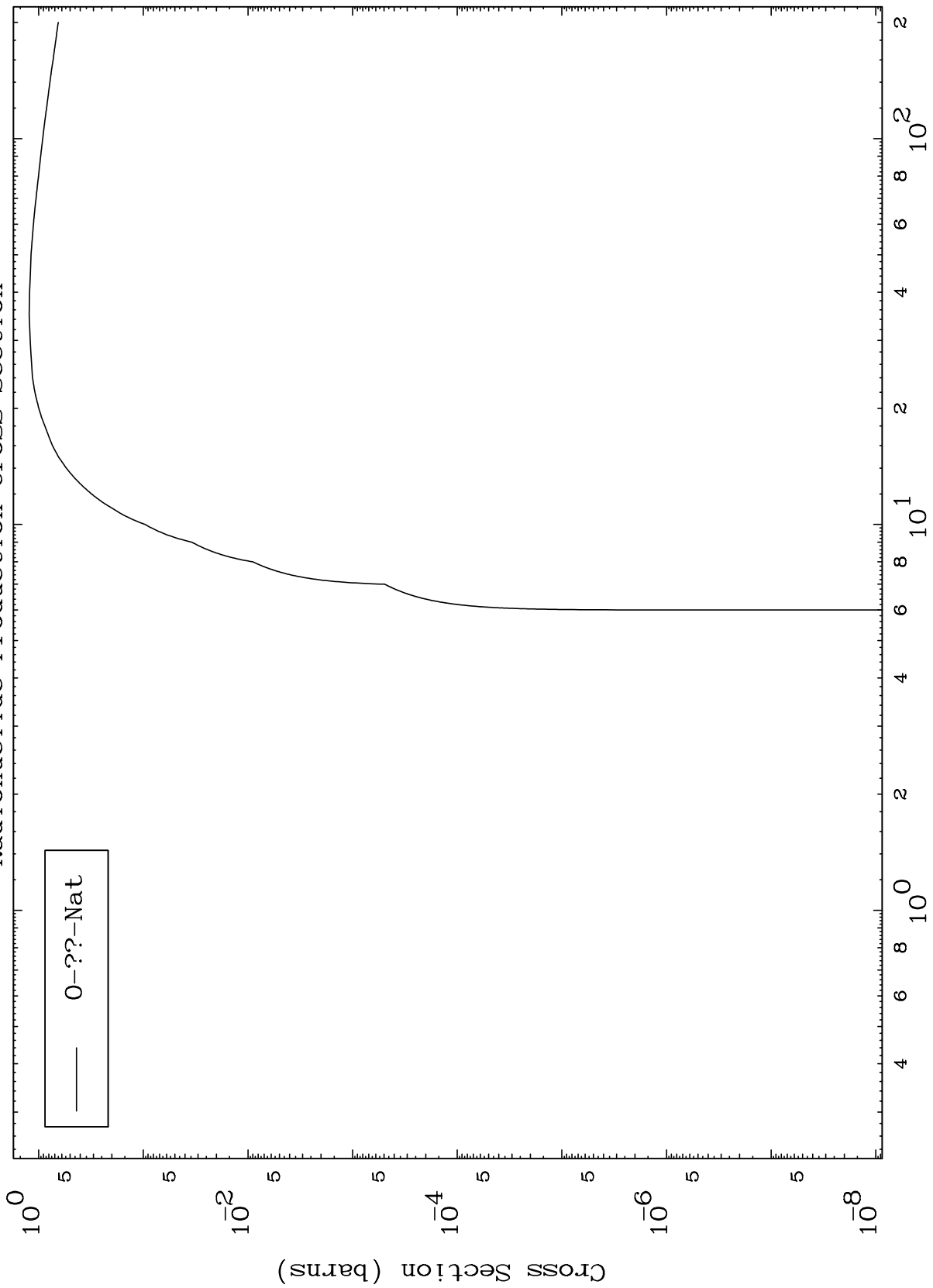
Incident Energy (MeV)

12

MAT 8183

82-Pb-190

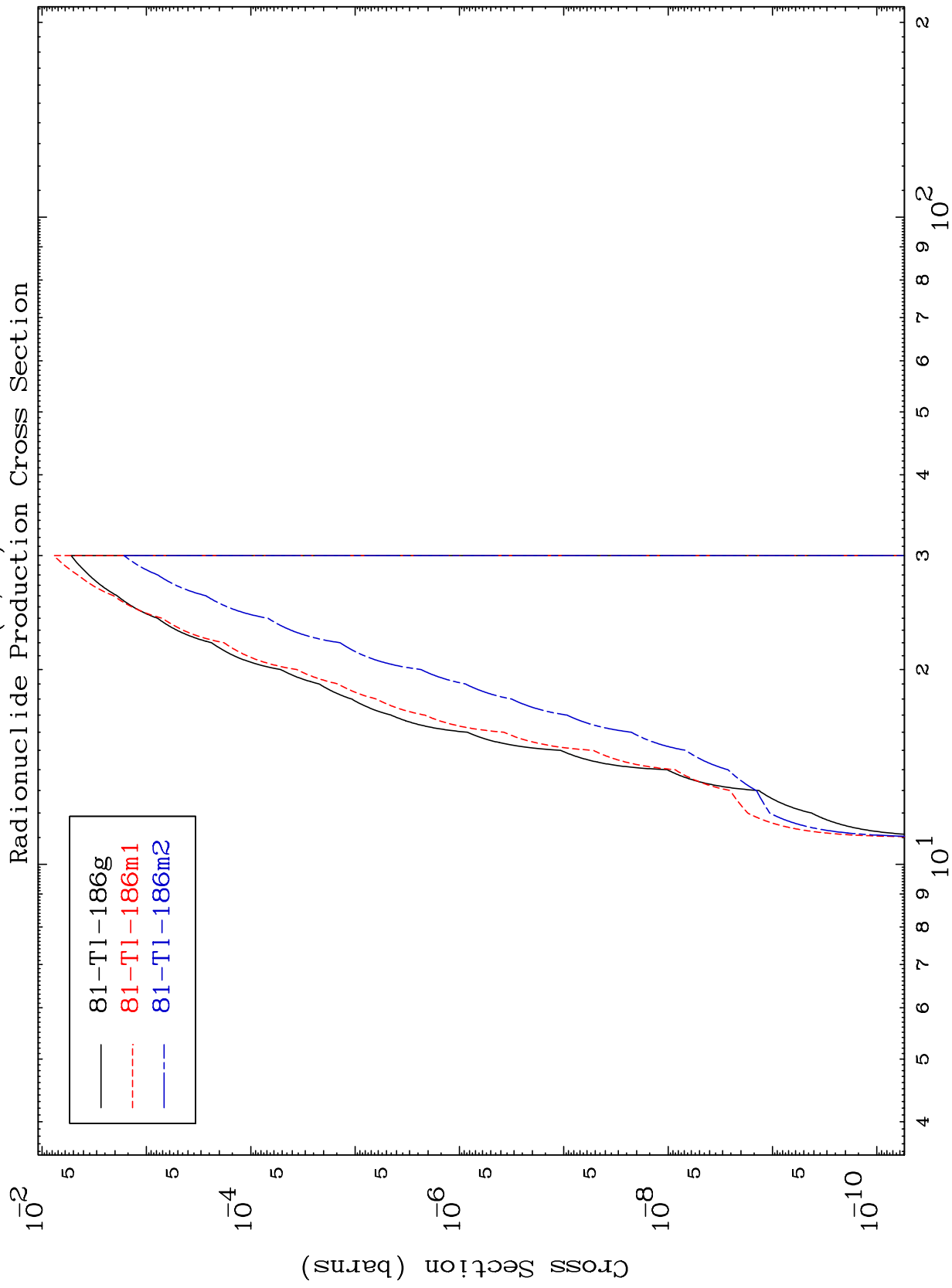
Fission  
Radionuclide Production Cross Section



MAT 8183

(n,n')  $\alpha$

82-Pb-190



81-Tl-186g  
81-Tl-186m1  
81-Tl-186m2

14

Incident Energy (MeV)

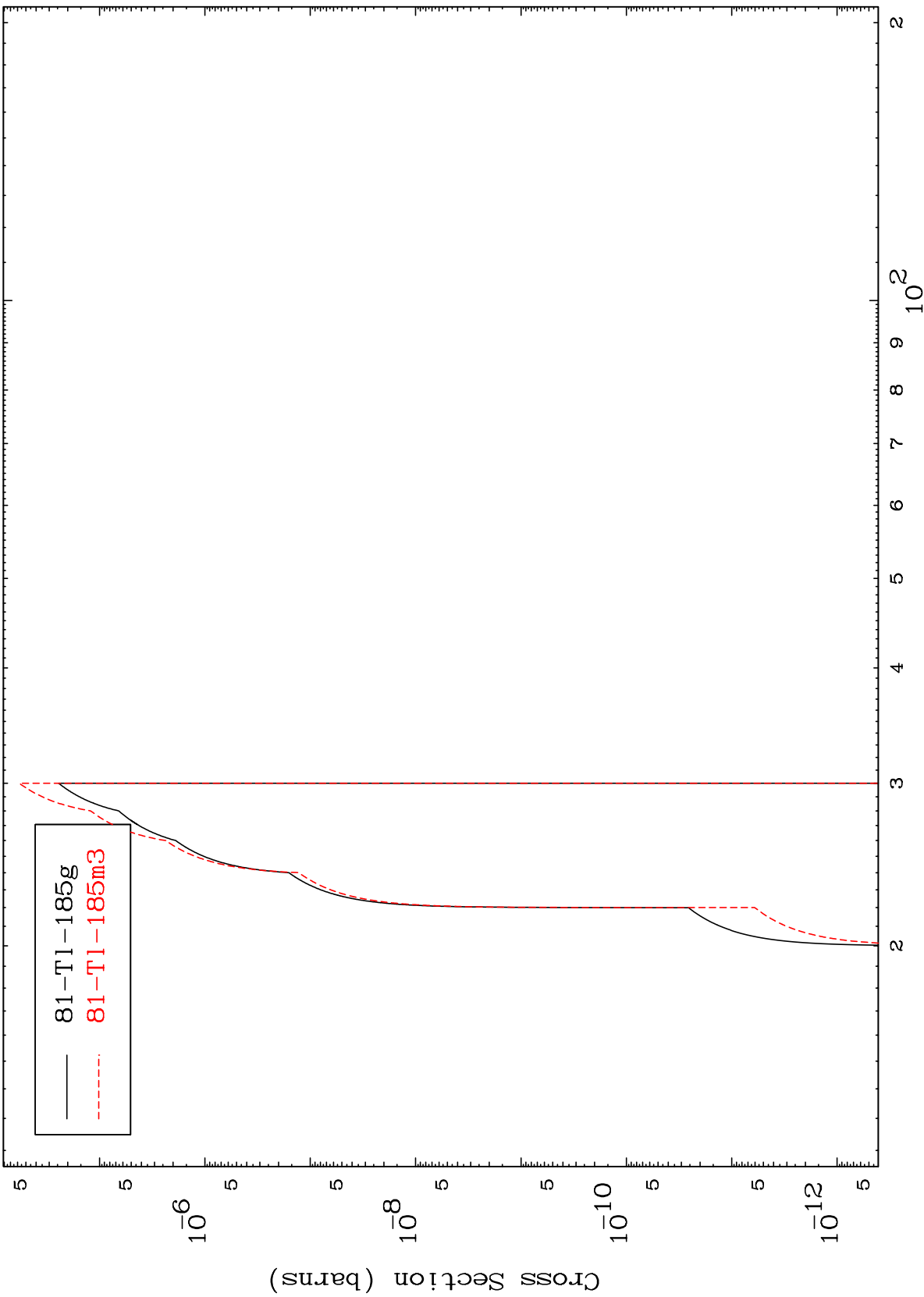
82-Pb-190

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(n,2n)  $\alpha$

82-Pb-190

Radionuclide Production Cross Section

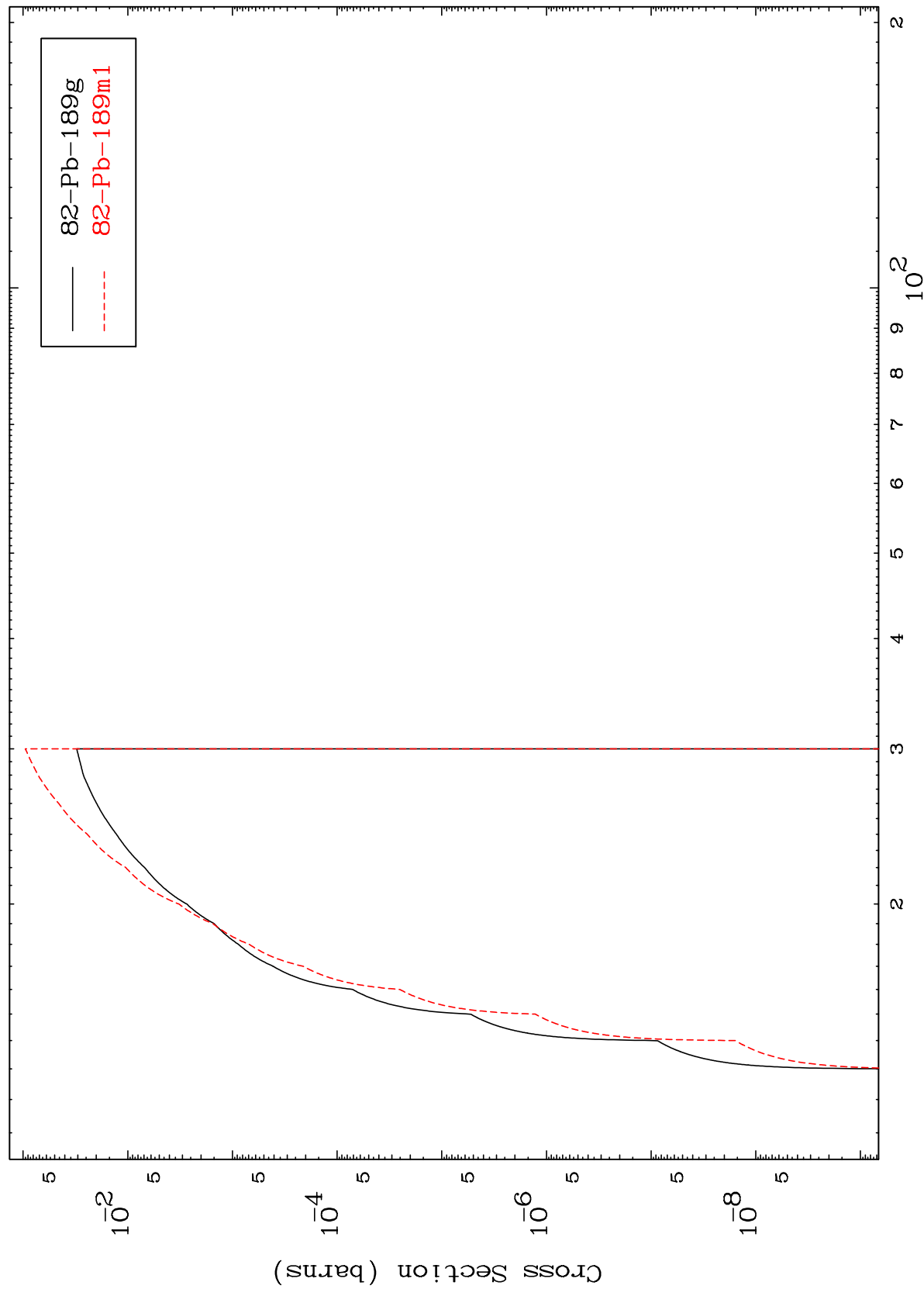


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$(n, n')$  p

82-Pb-190

Radionuclide Production Cross Section

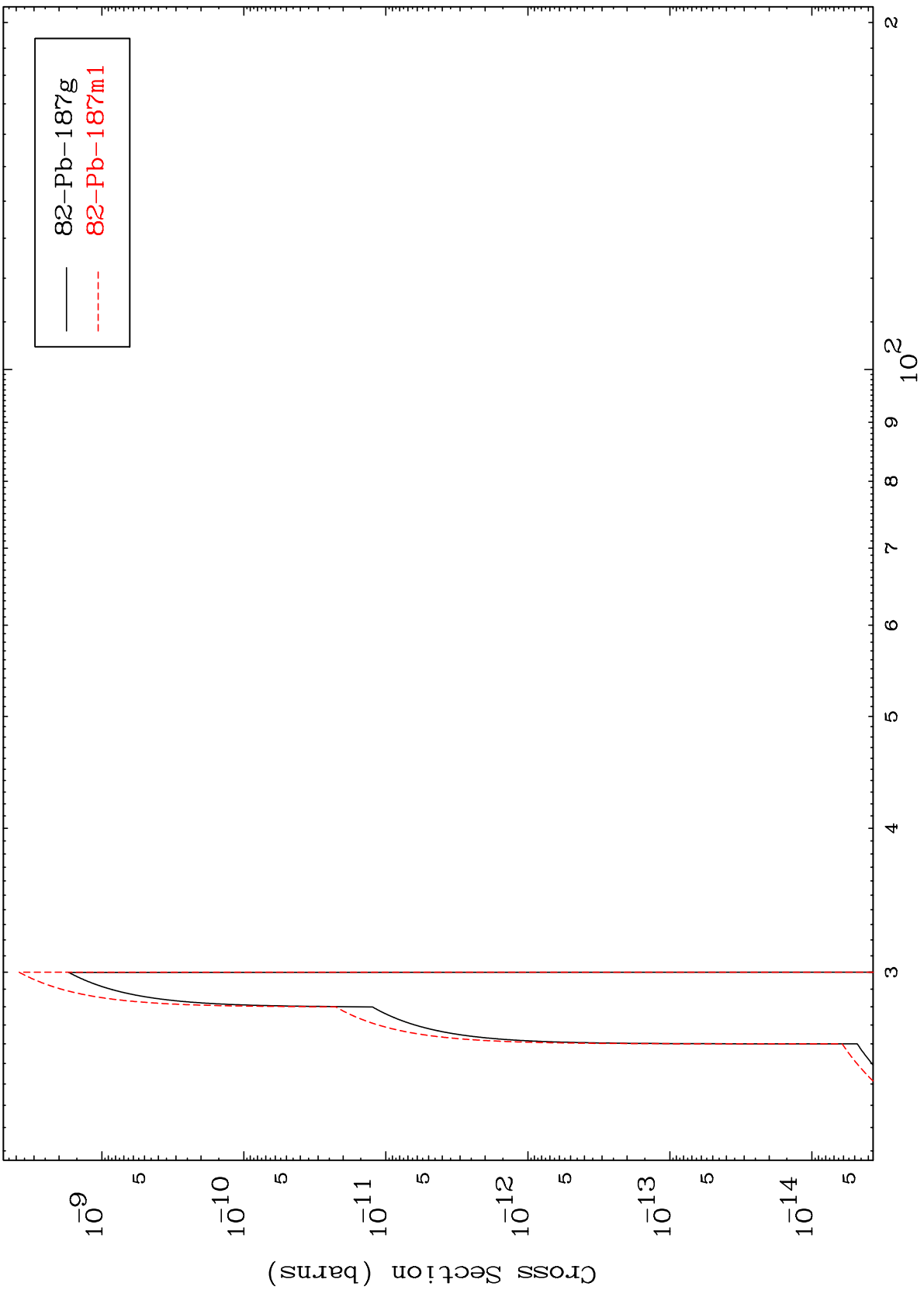


16

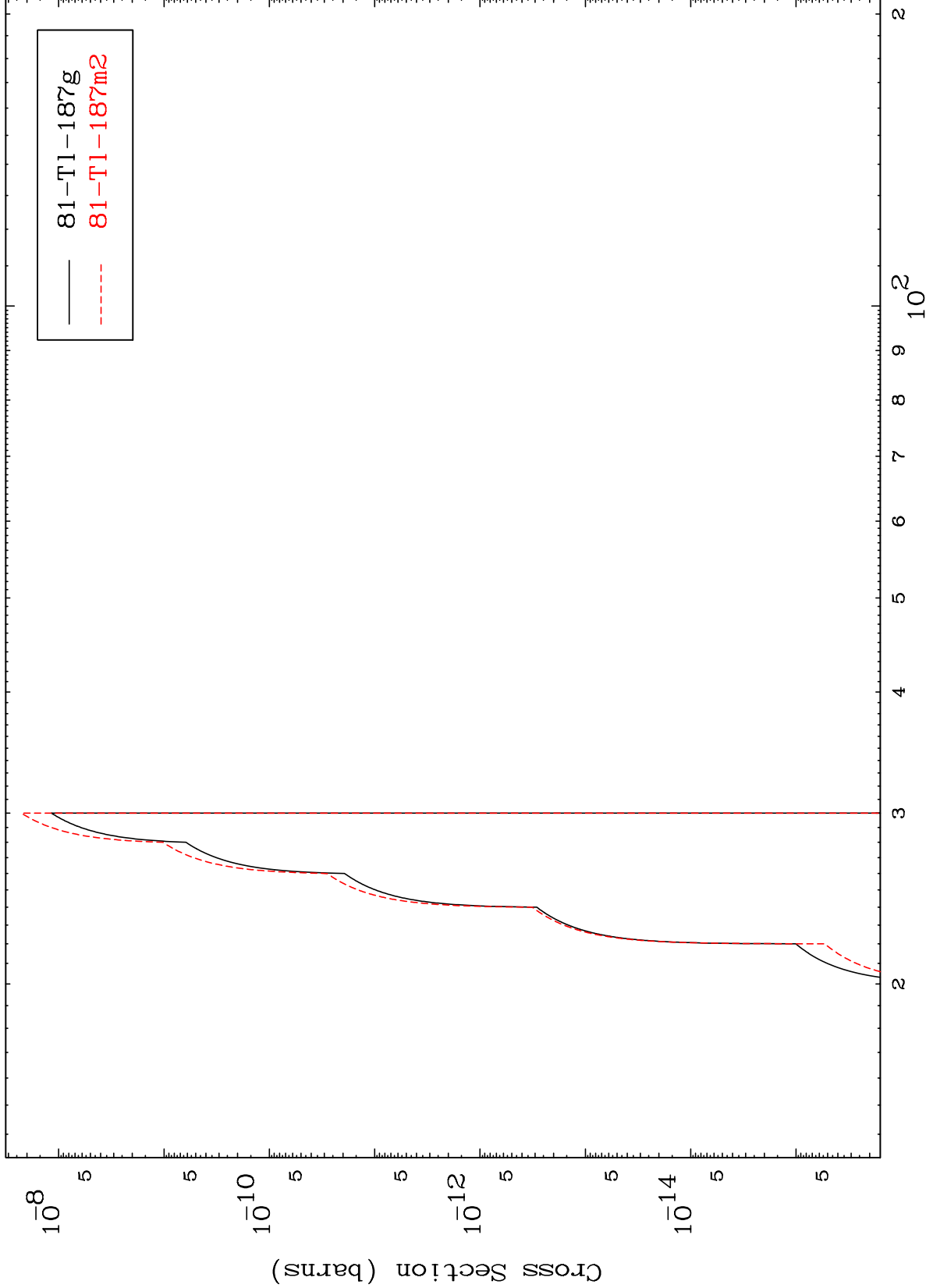
Incident Energy (MeV)

82-Pb-190

Radionuclide Production Cross Section



Radionuclide Production Cross Section

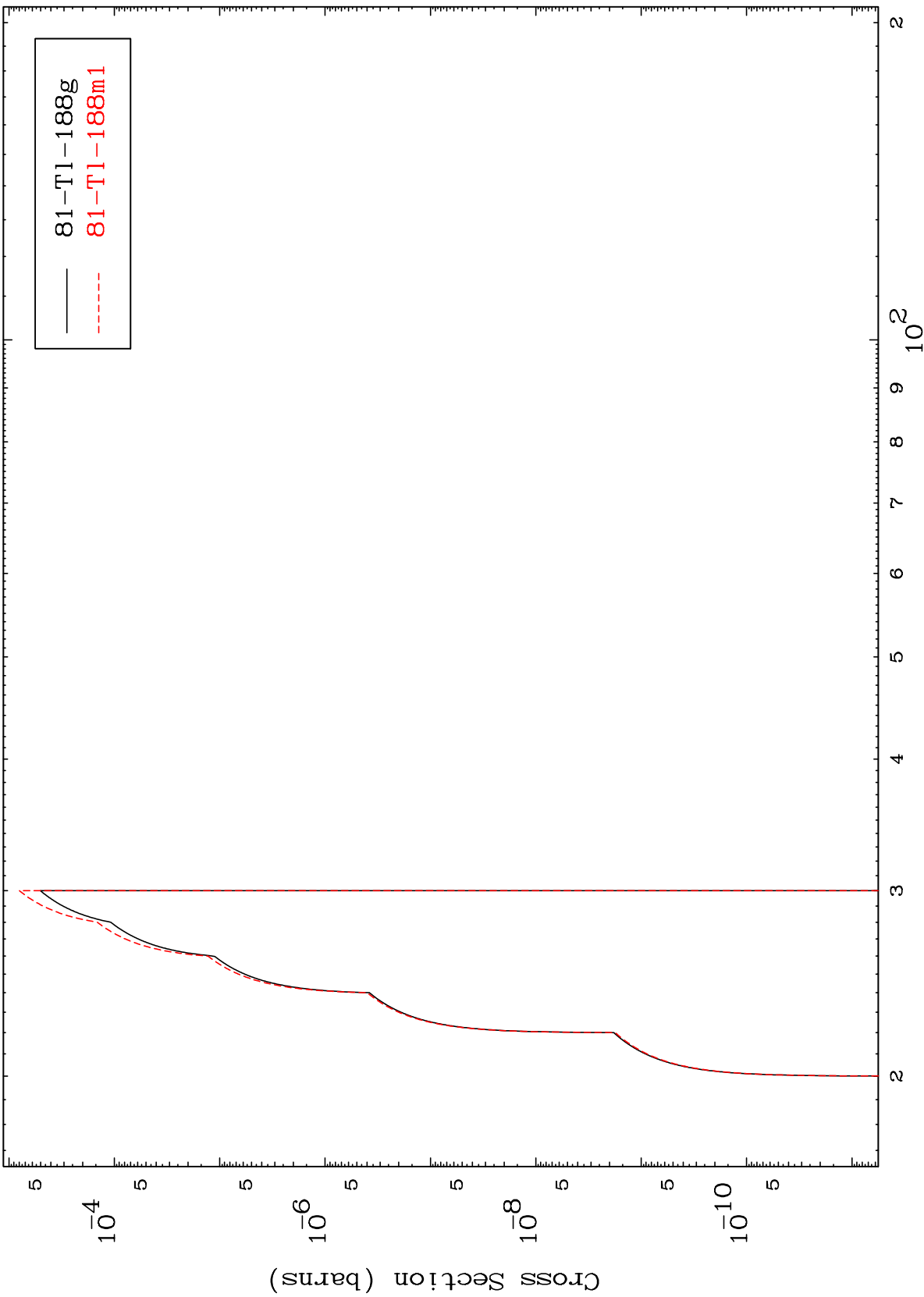


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(n,2n) p

82-Pb-190

Radionuclide Production Cross Section



19

Incident Energy (MeV)

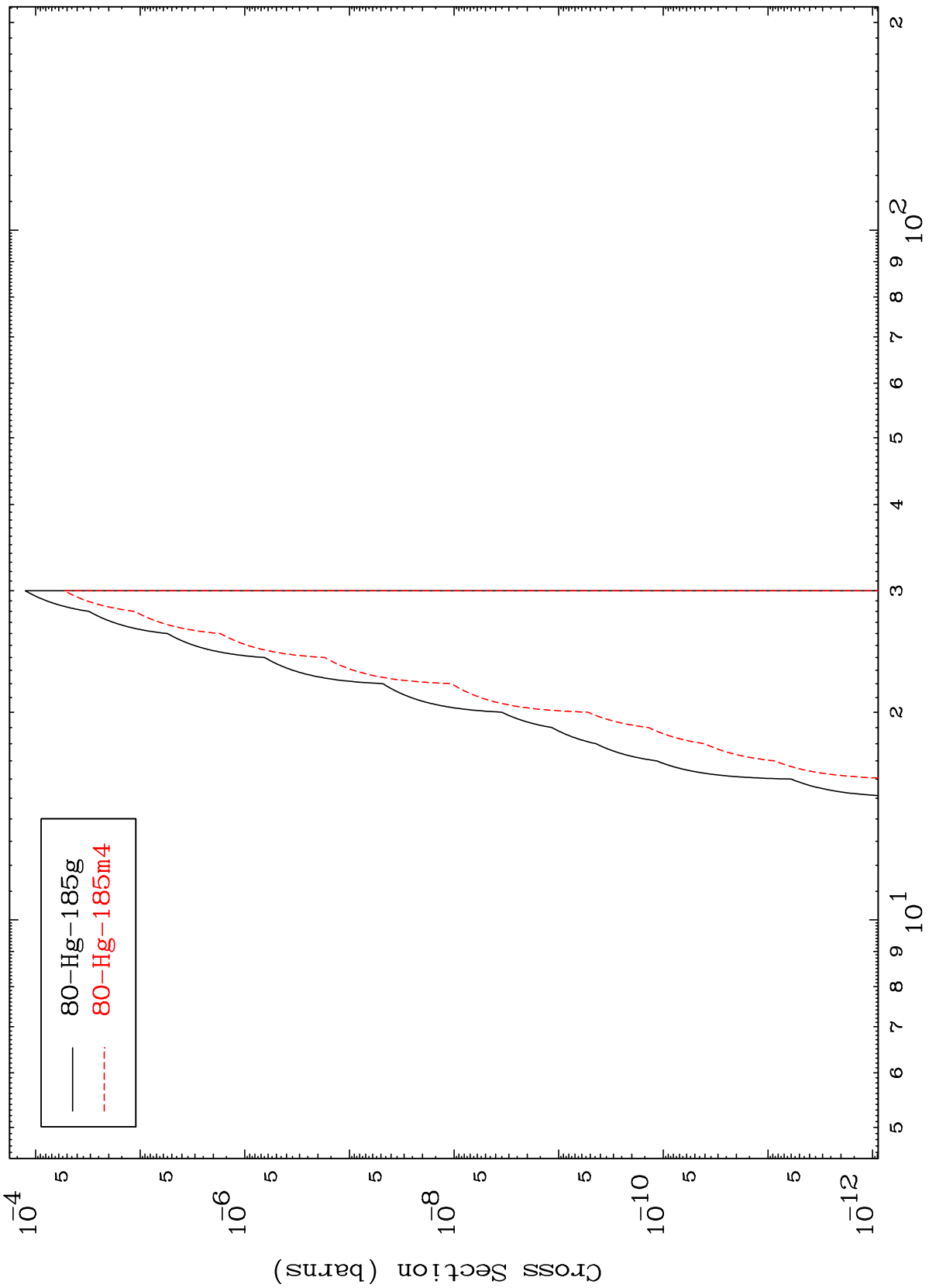
82-Pb-190

MAT 8183

(n,n') p  $\alpha$

82-Pb-190

Radionuclide Production Cross Section



80-Hg-185g  
80-Hg-185m4

20

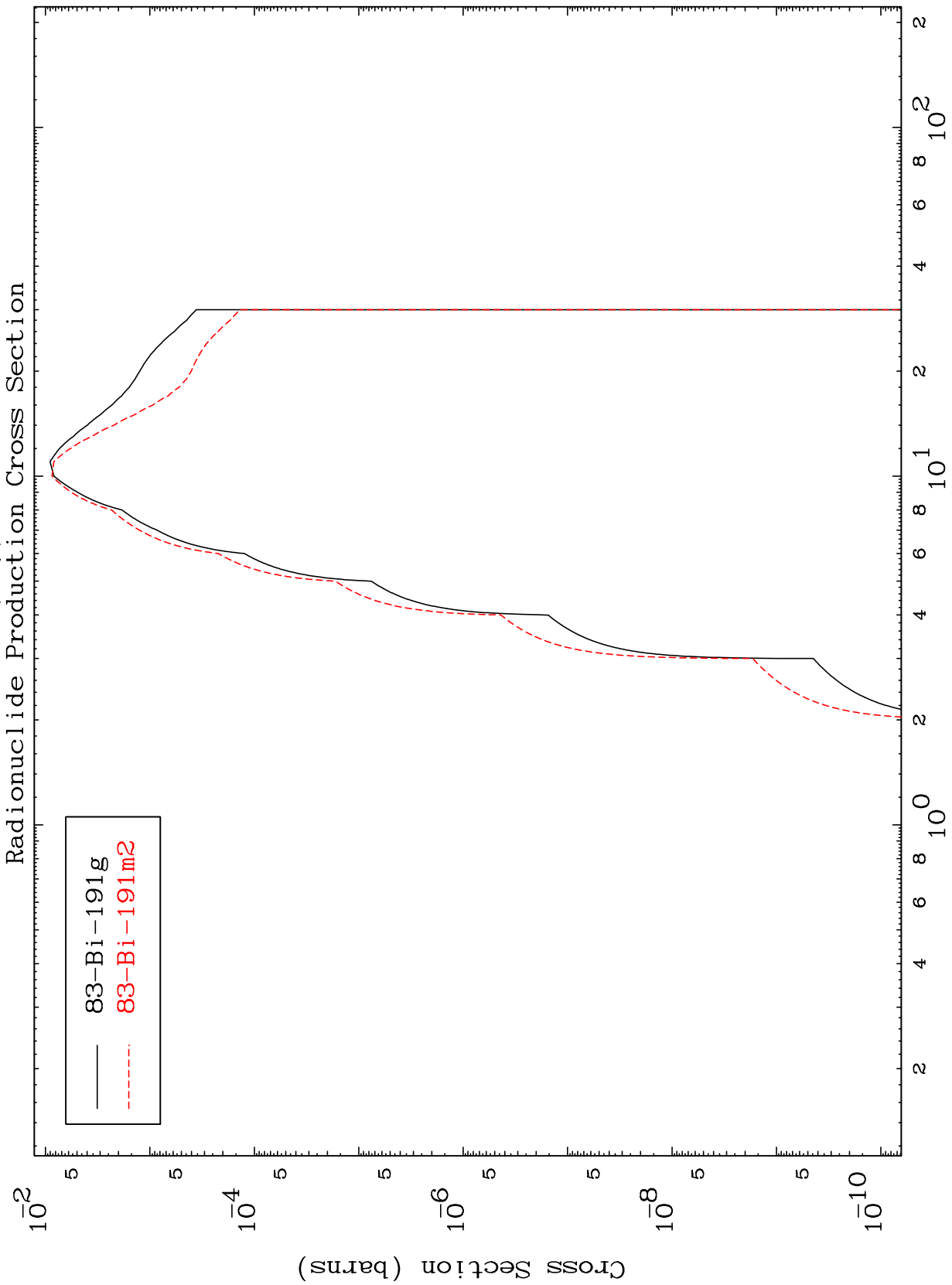
Incident Energy (MeV)

82-Pb-190

MAT 8183

82-Pb-190

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



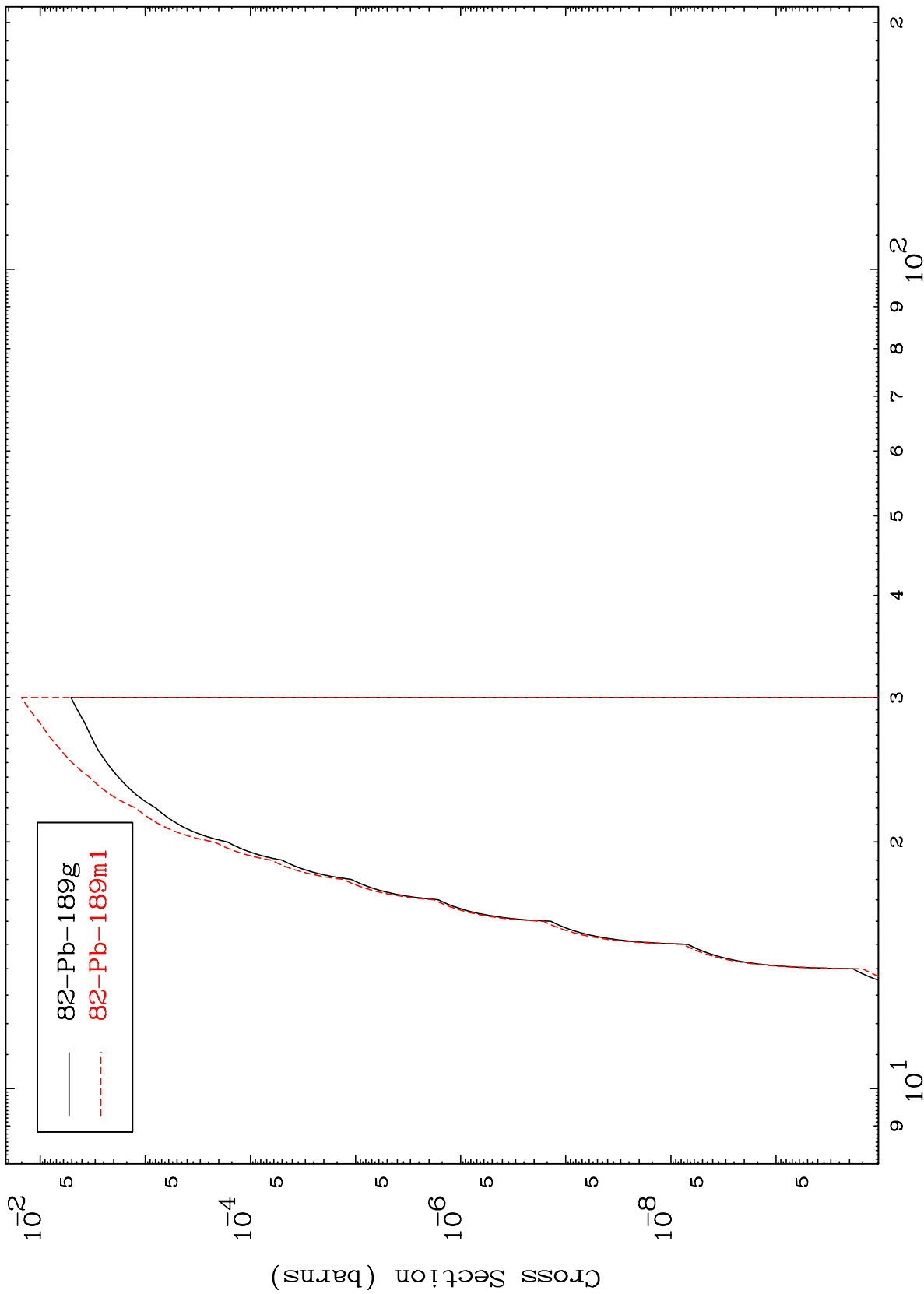
82-Pb-190

Incident Energy (MeV)

MAT 8183

82-Pb-190

(n,d)  
Radionuclide Production Cross Section



22

Incident Energy (MeV)

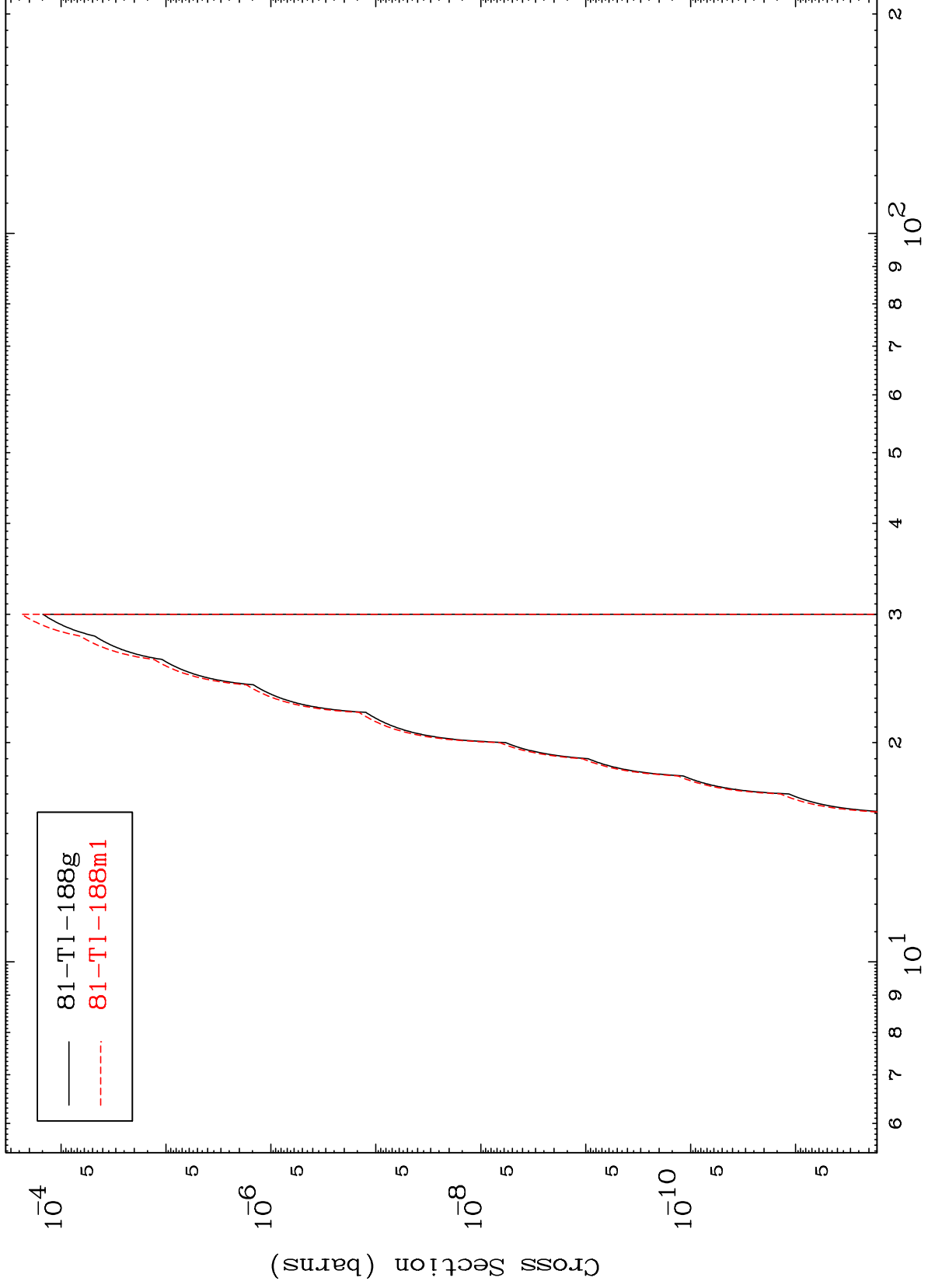
82-Pb-190

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(n,He-3)

82-Pb-190

Radionuclide Production Cross Section



23

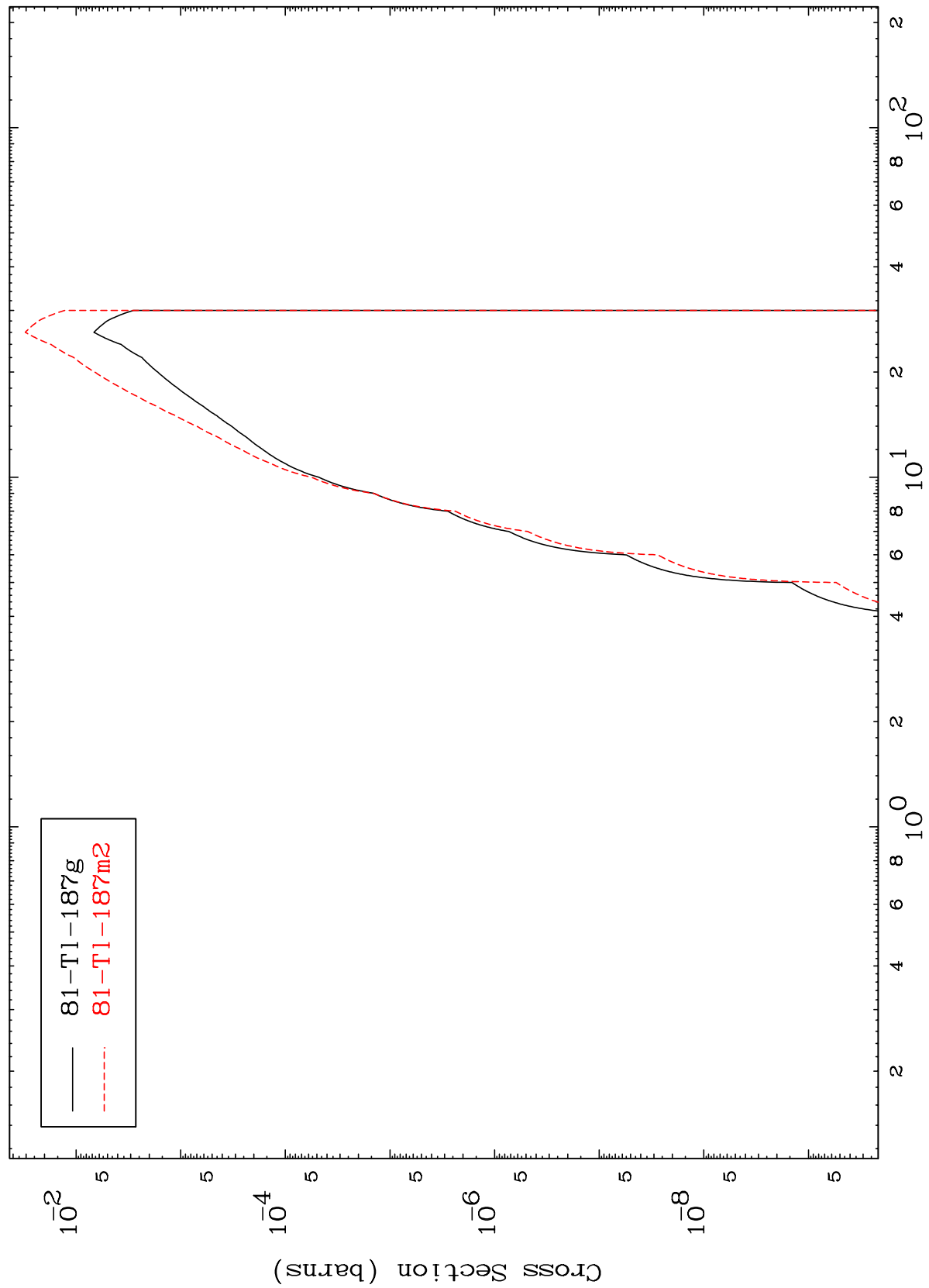
Incident Energy (MeV)

82-Pb-190

MAT 8183

82-Pb-190

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



— 81-Tl-187g  
- - - 81-Tl-187m2

82-Pb-190

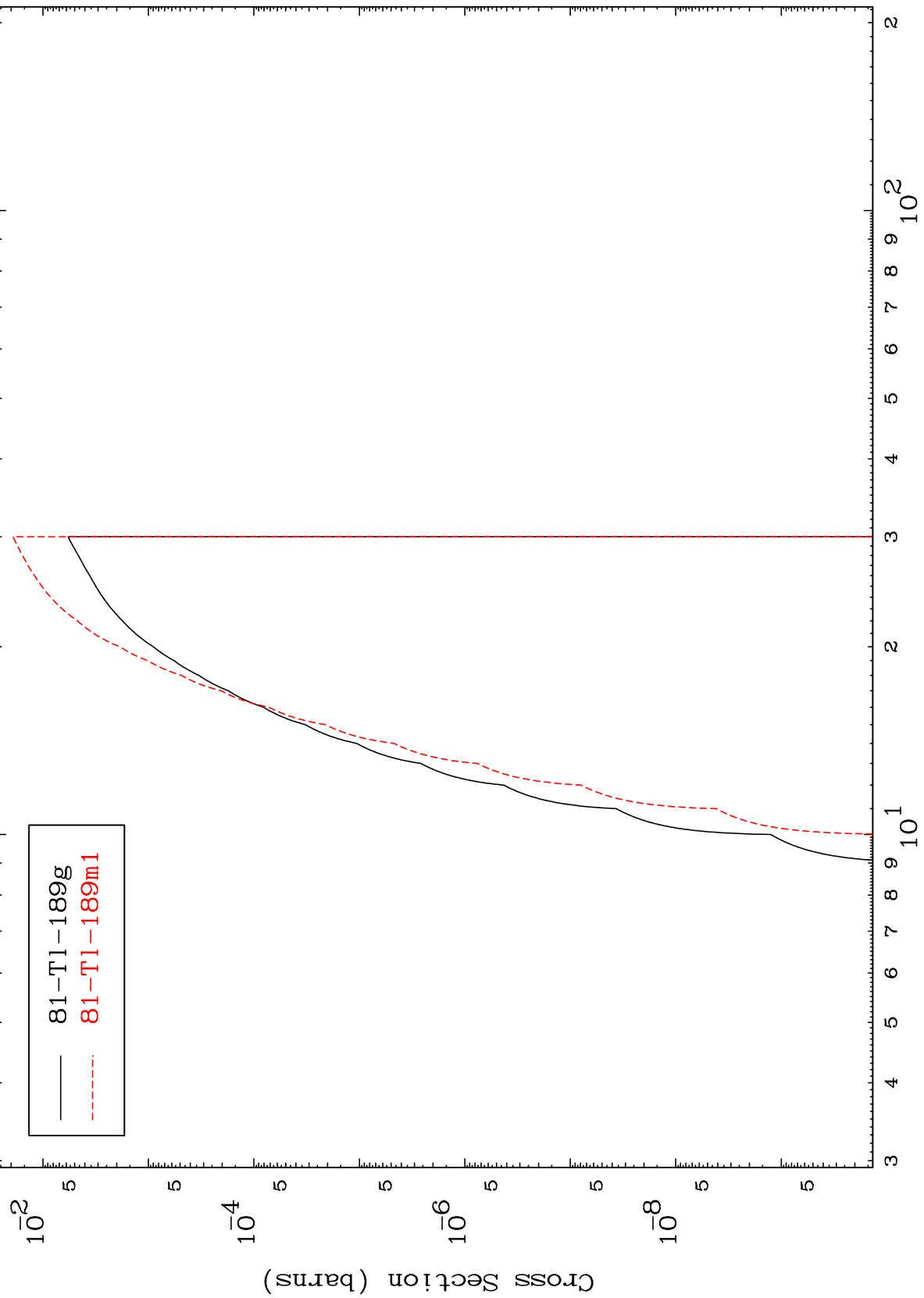
Incident Energy (MeV)

24

MAT 8183

82-Pb-190

Radionuclide Production Cross Section  
(n,2p)



81-Tl-189g  
81-Tl-189m1

25

Incident Energy (MeV)

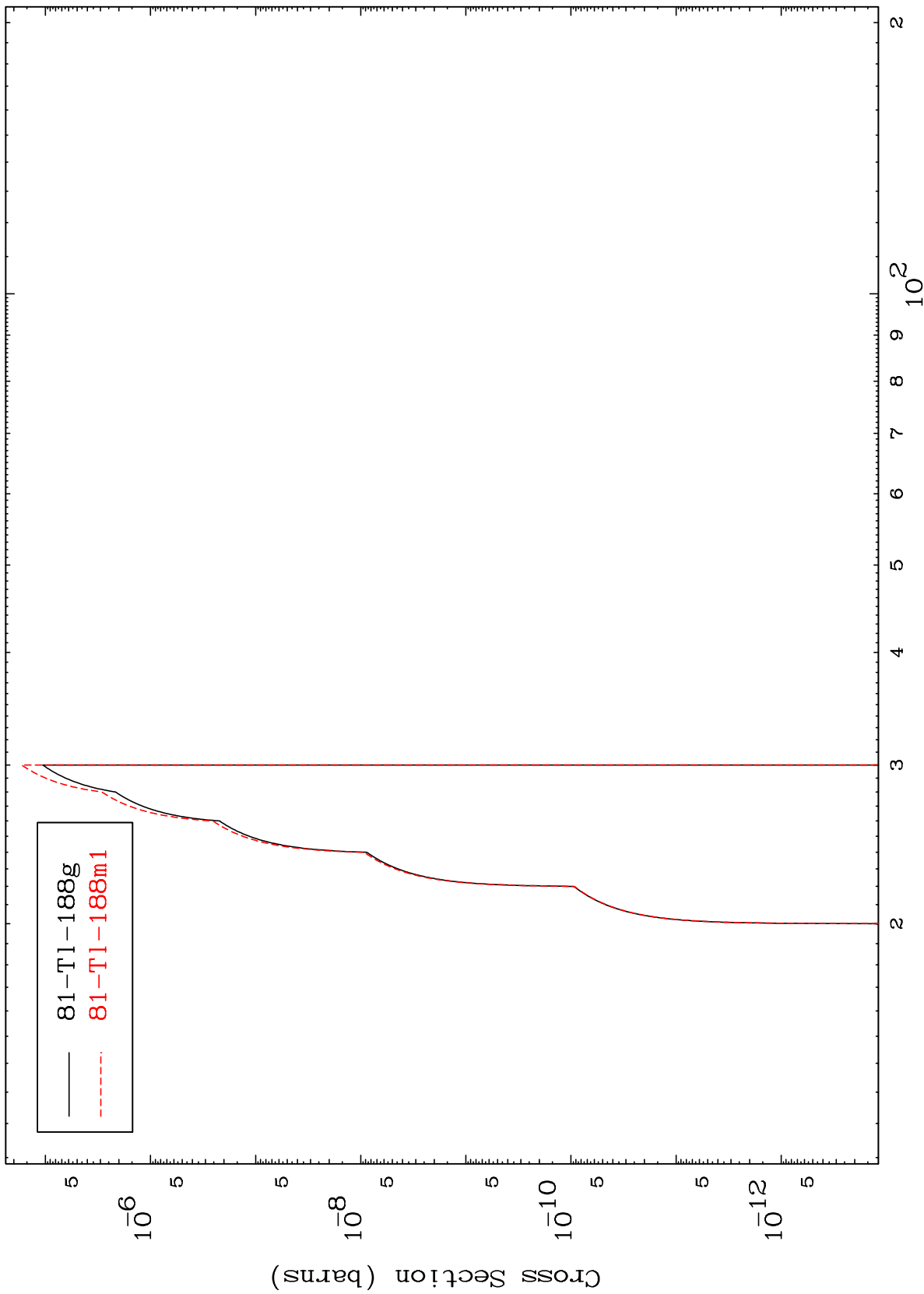
82-Pb-190

MAT 8183

(n,p) d

82-Pb-190

Radionuclide Production Cross Section

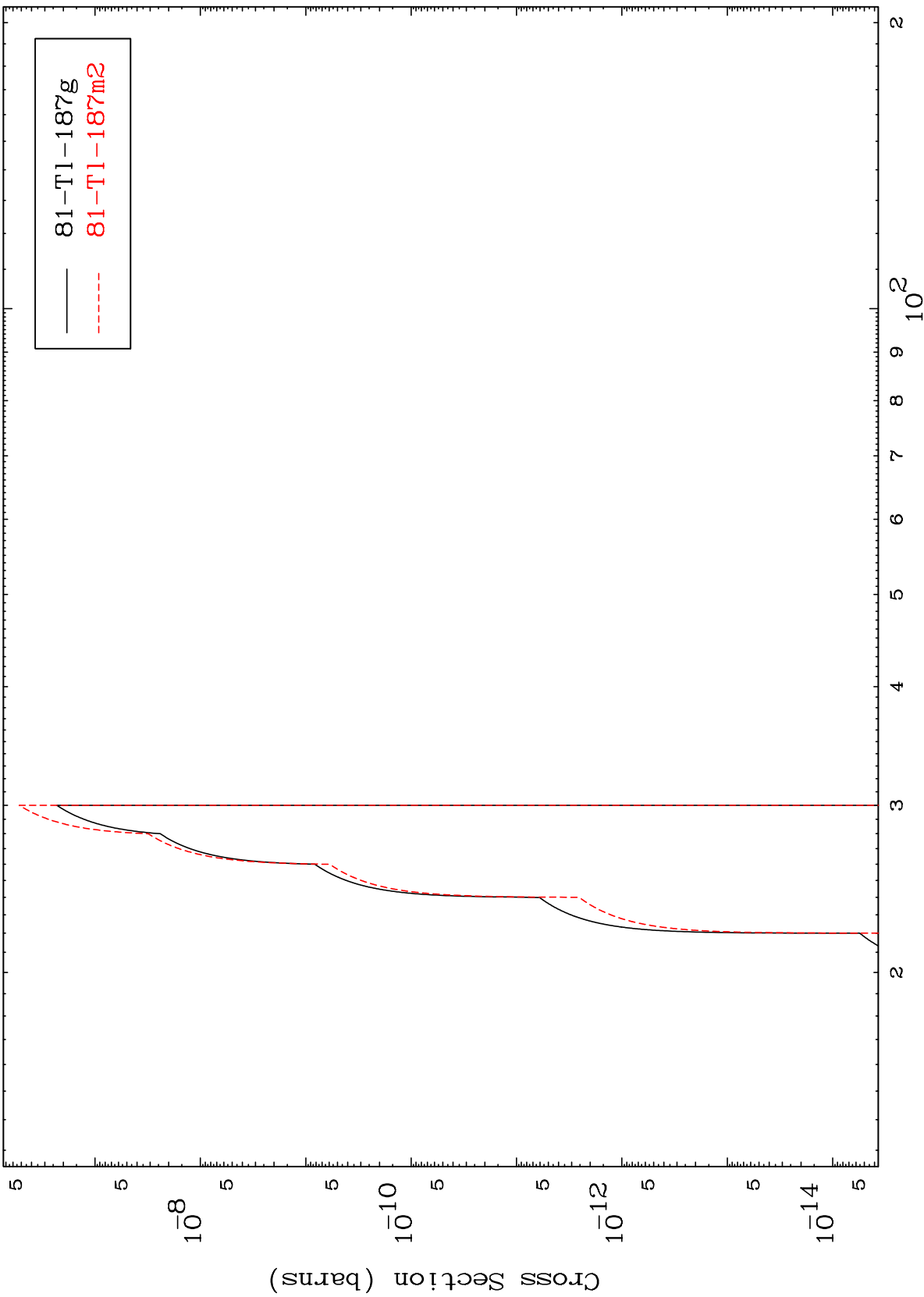


MAT 8183

(n,p) t

82-Pb-190

Radionuclide Production Cross Section

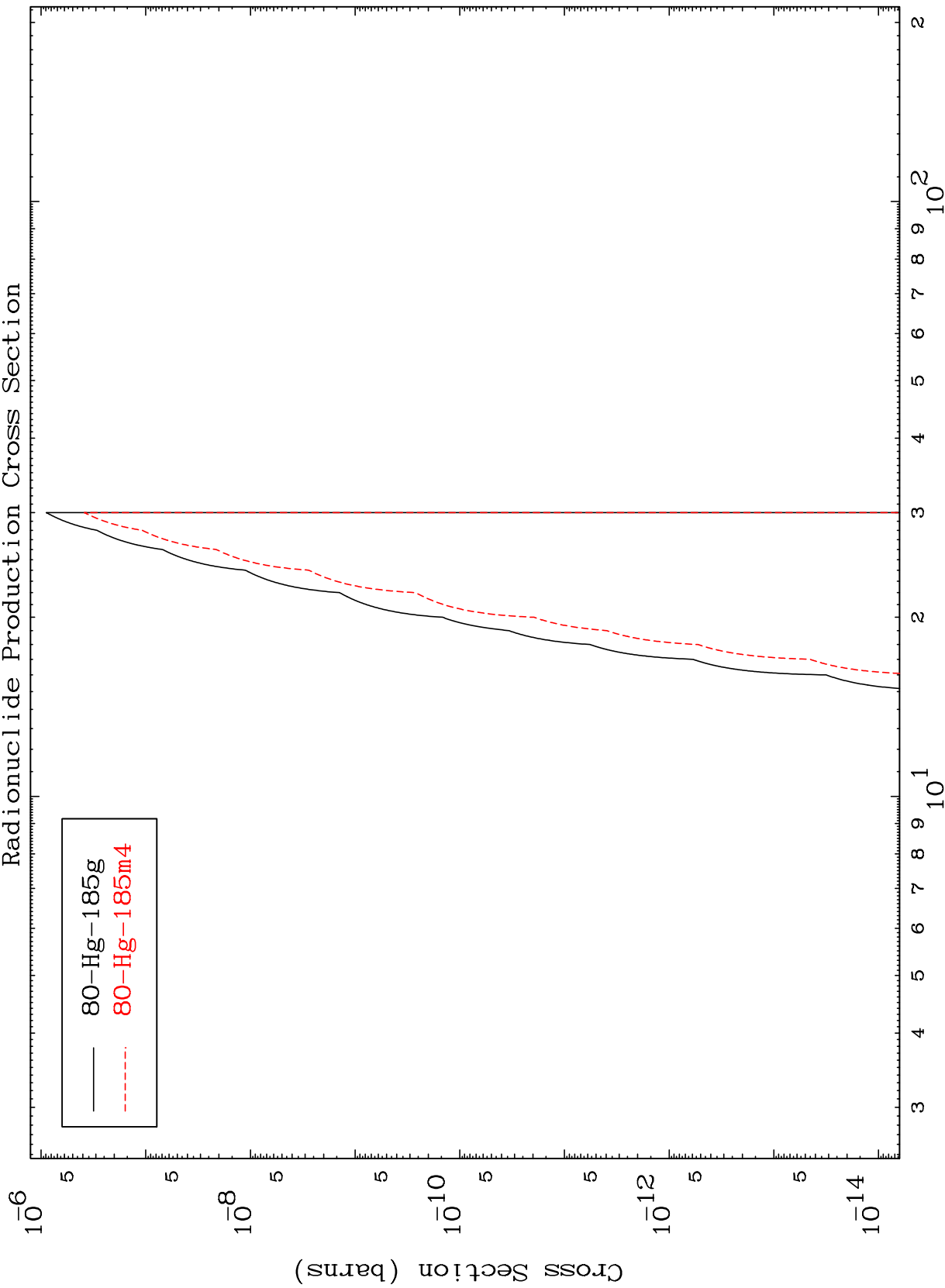


MAT 8183

(n,d)  $\alpha$

82-Pb-190

Radionuclide Production Cross Section



28

Incident Energy (MeV)

82-Pb-190