

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

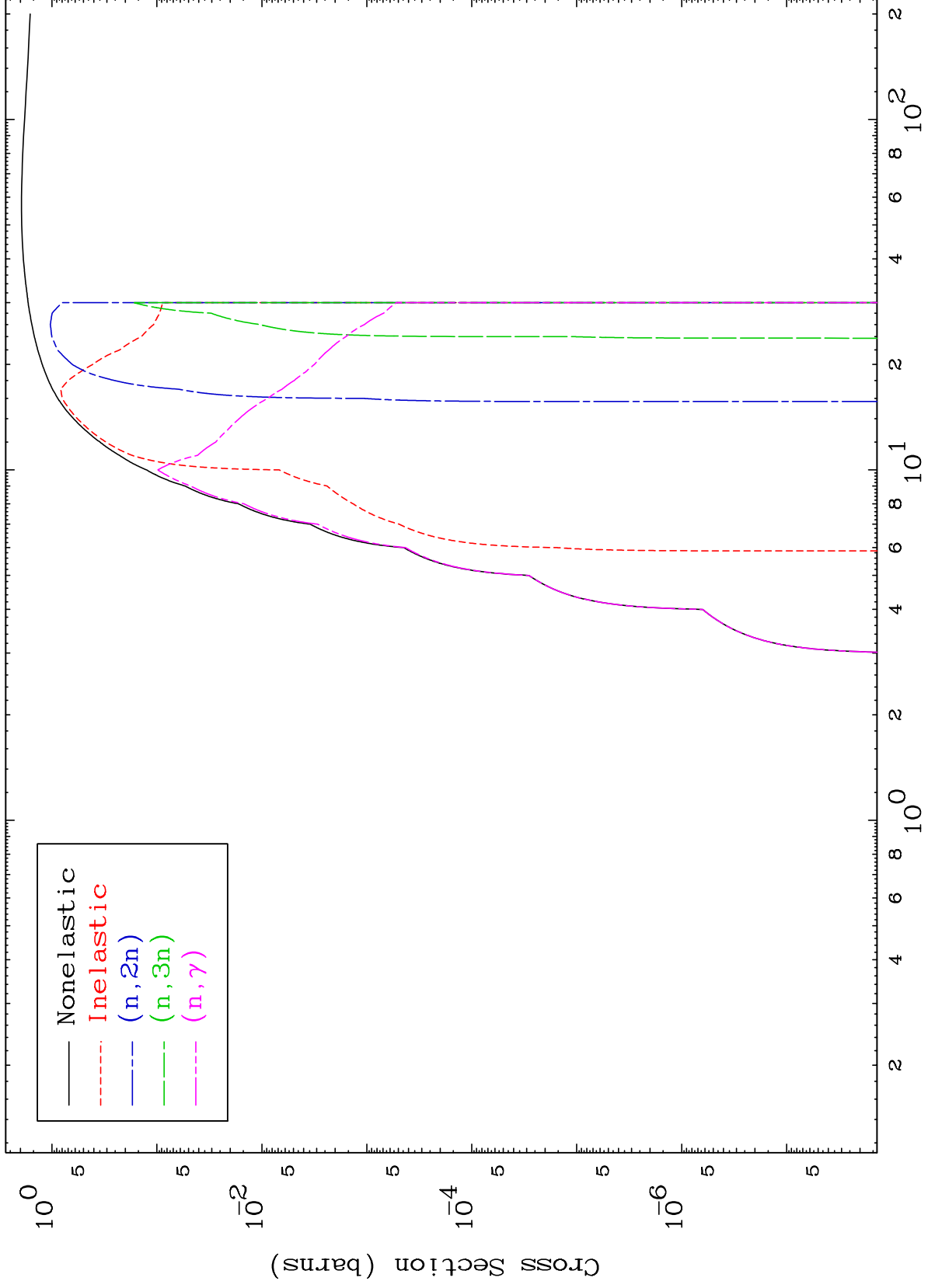
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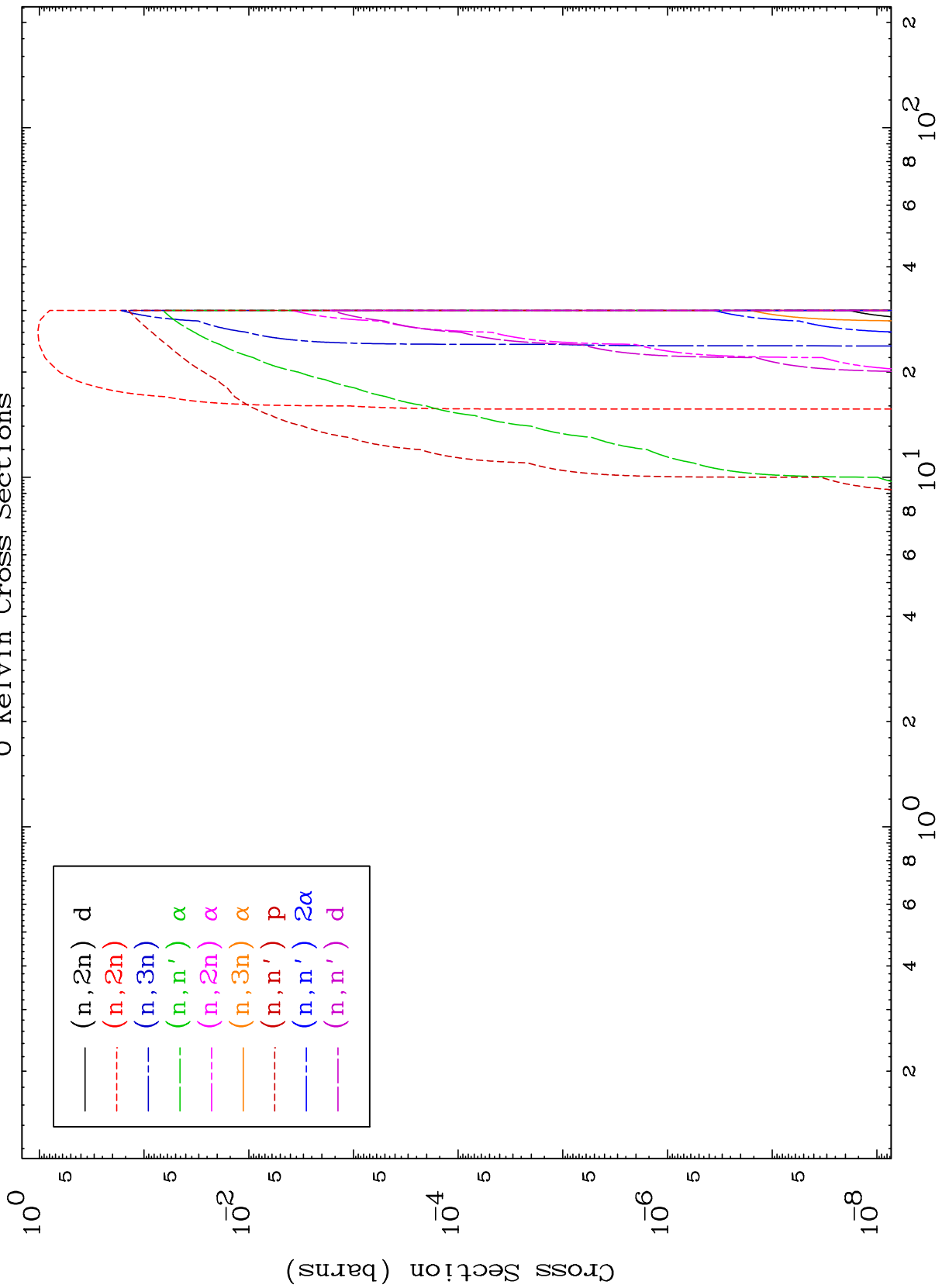
Press Mouse Button to Start



MAT 8204

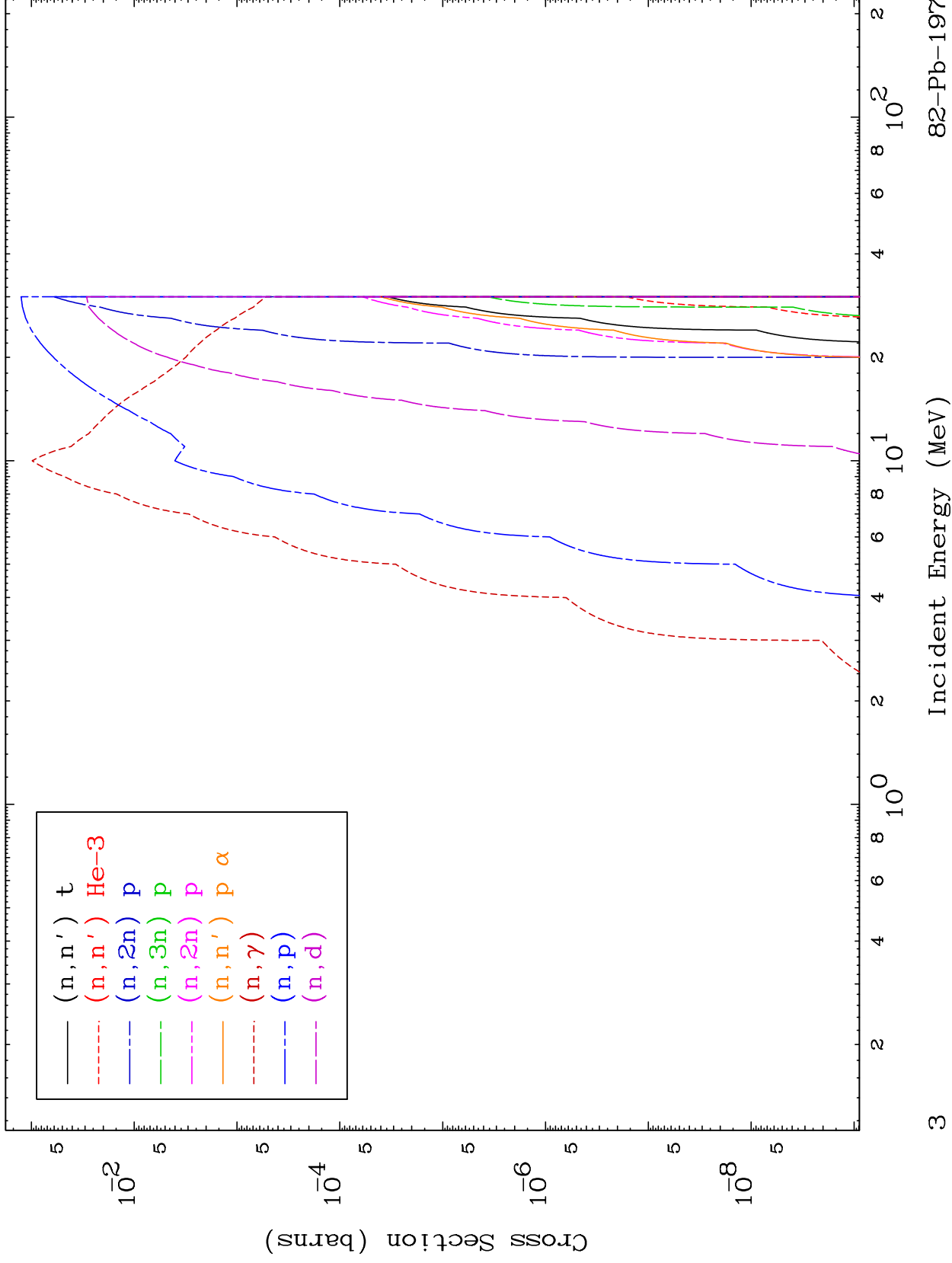
Proton Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-197



Incident Energy (MeV)

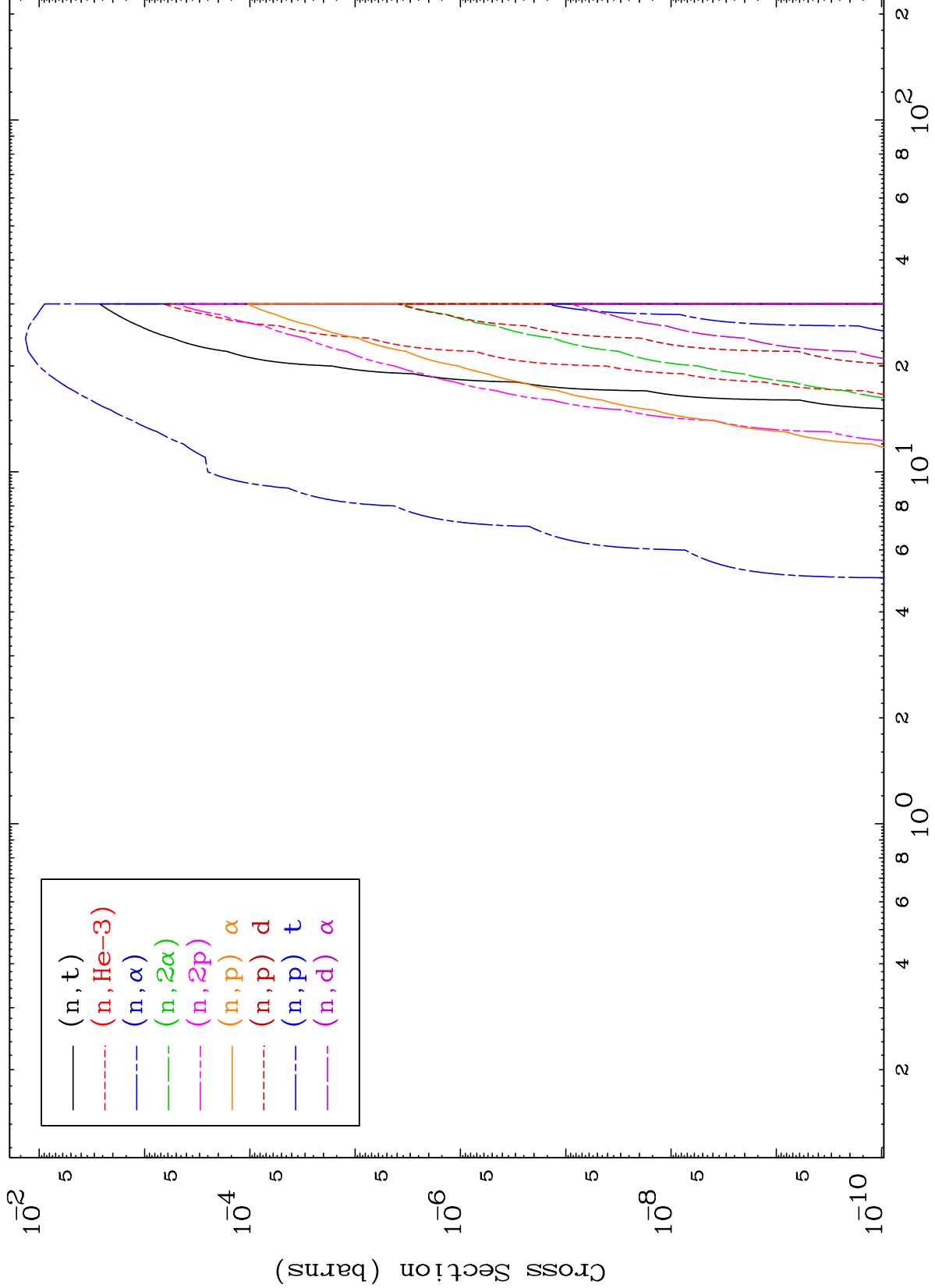
82-Pb-197



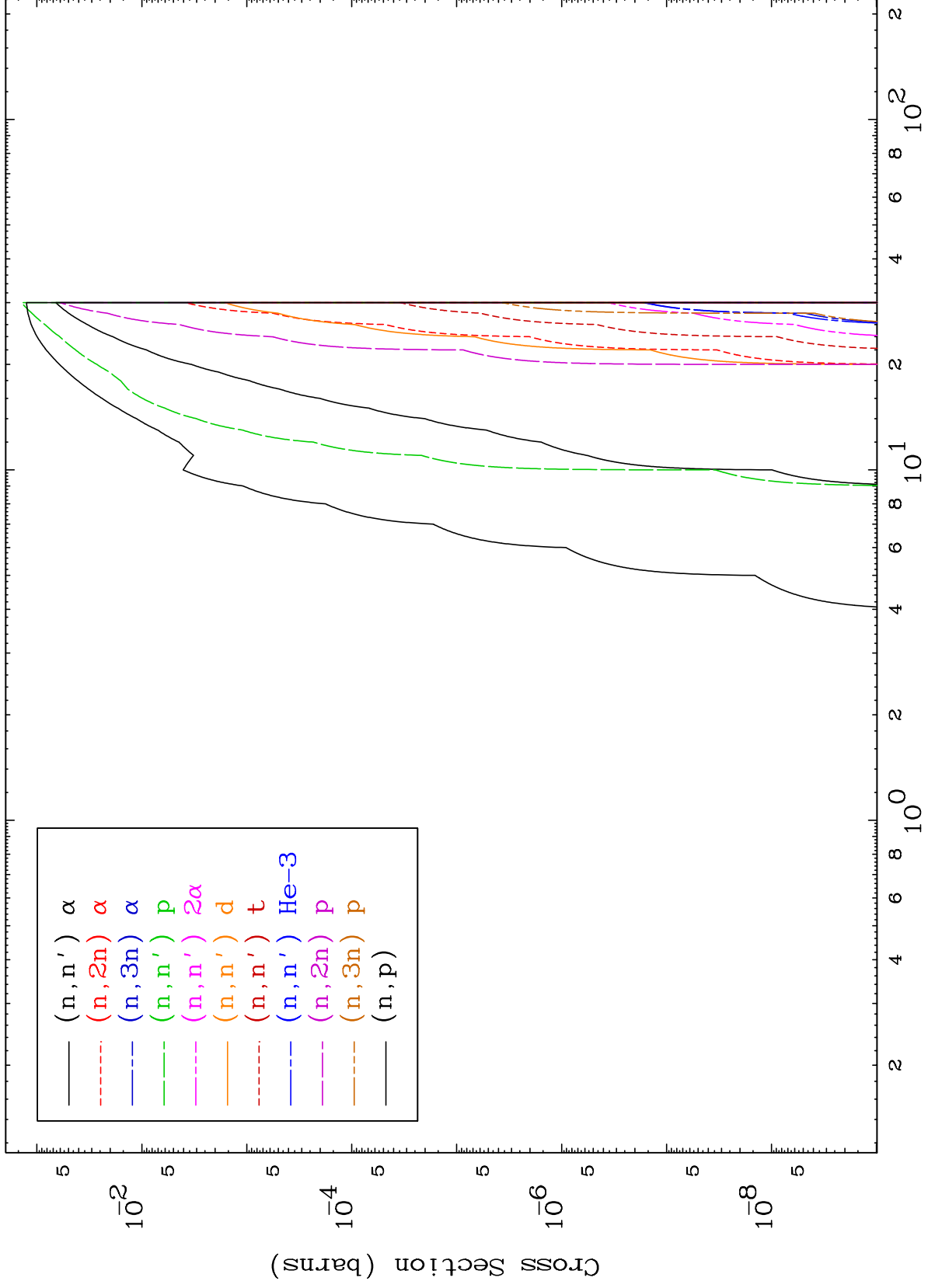
MAT 8204

Proton Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-197



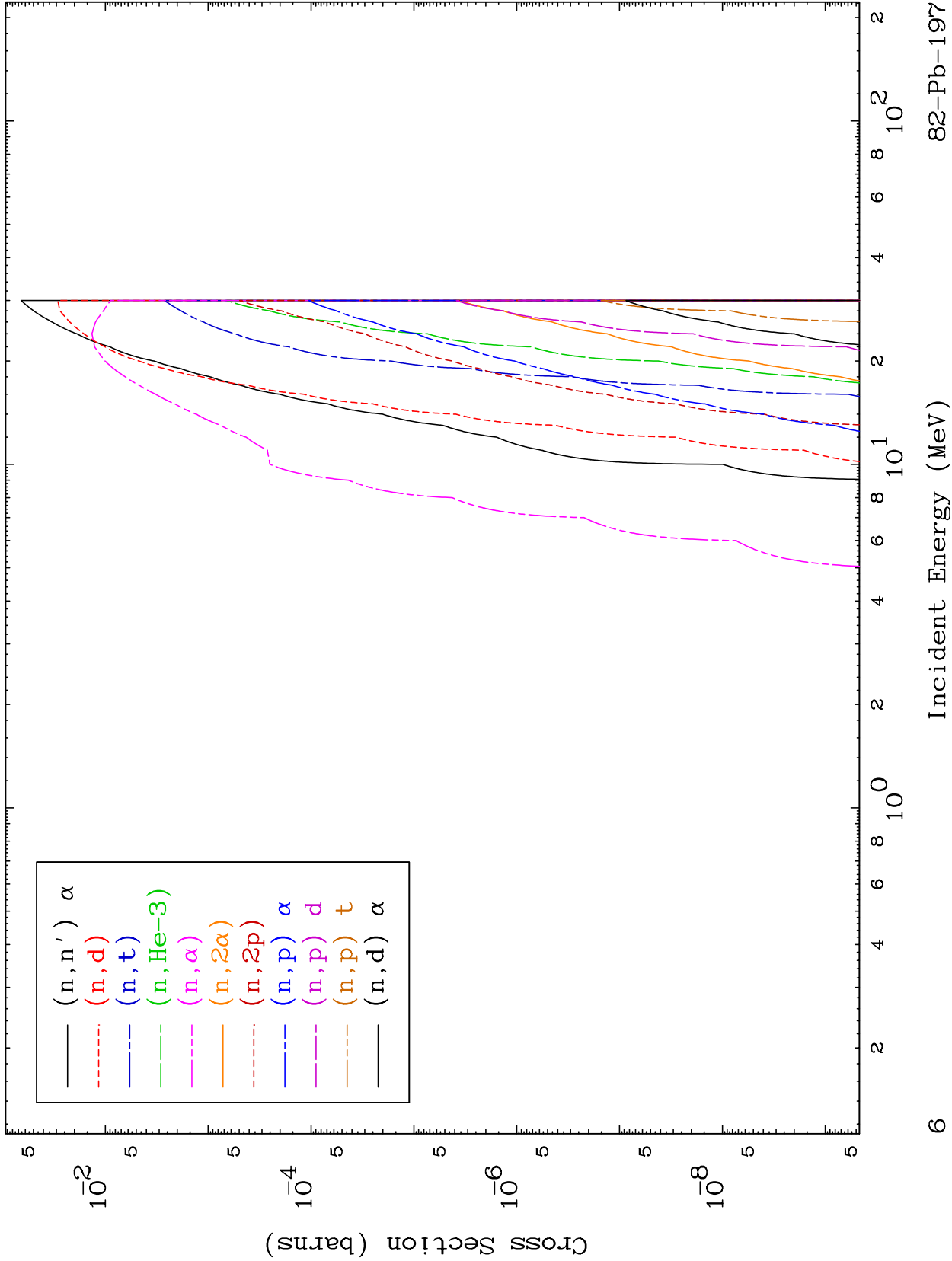
82-Pb-197



MAT 8204

Proton Charged Particle  
0 Kelvin Cross Sections

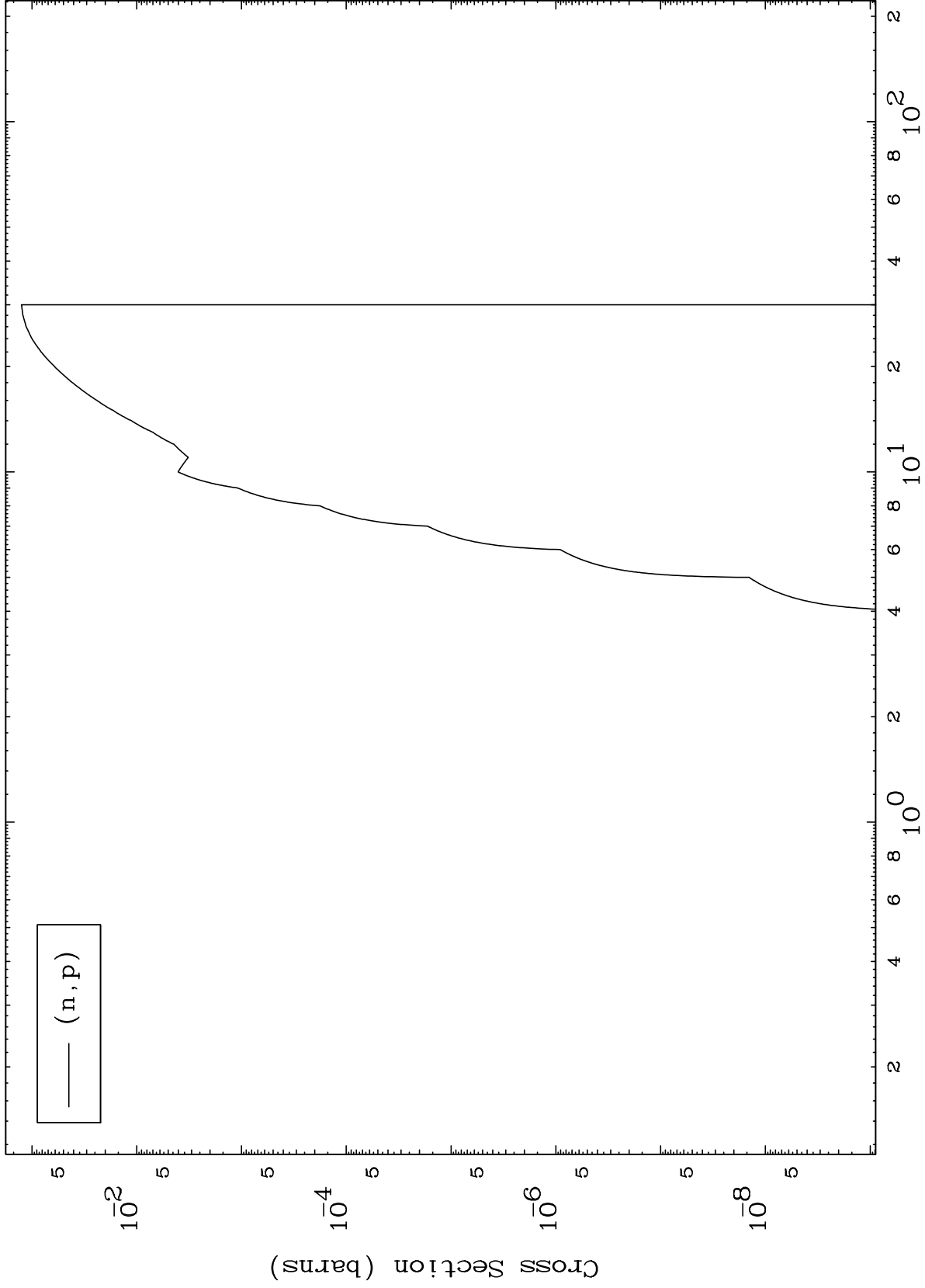
82-Pb-197



MAT 8204

(p,p) Levels  
0 Kelvin Cross Sections

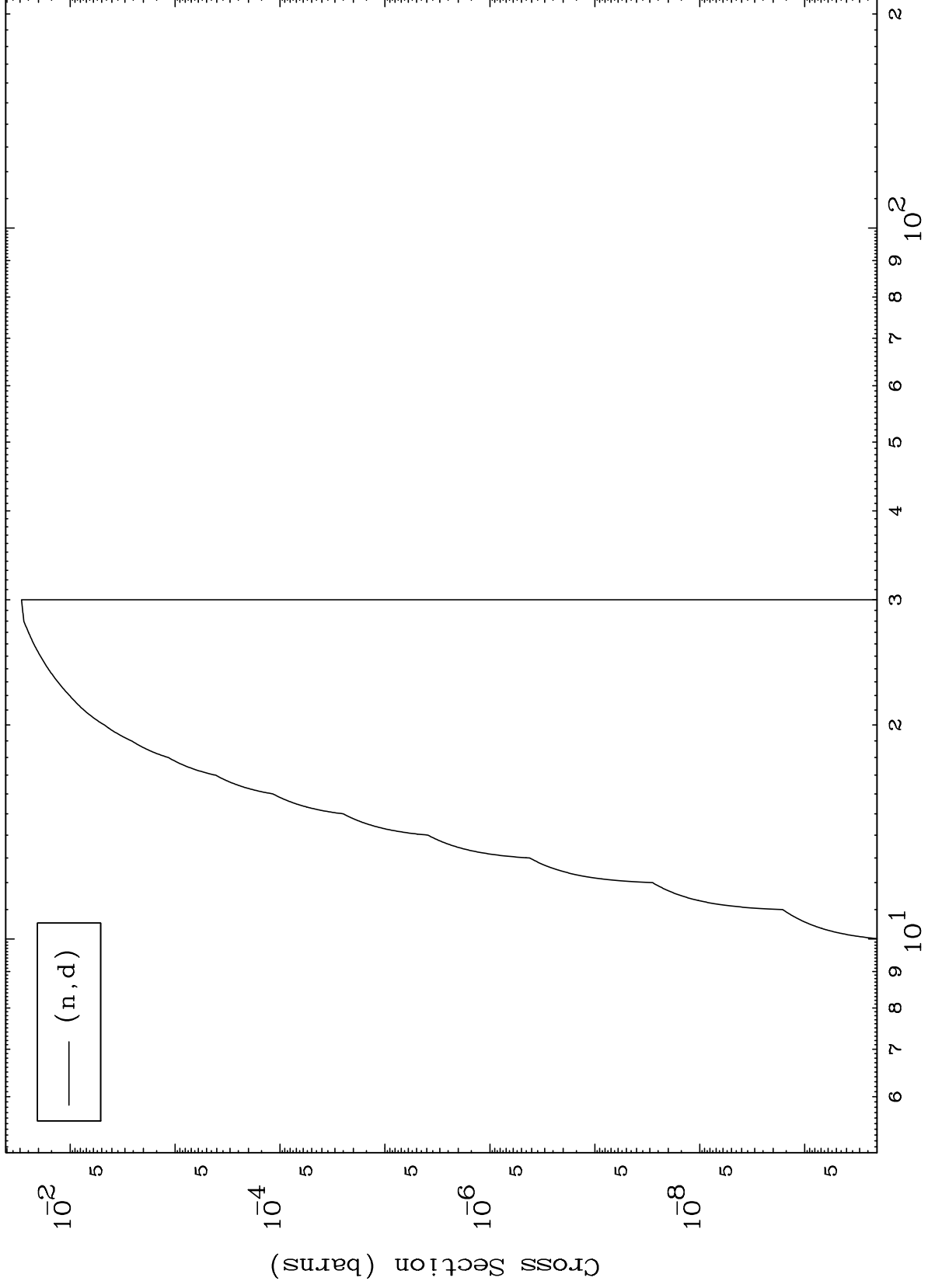
82-Pb-197



MAT 8204

(p,d) Levels  
0 Kelvin Cross Sections

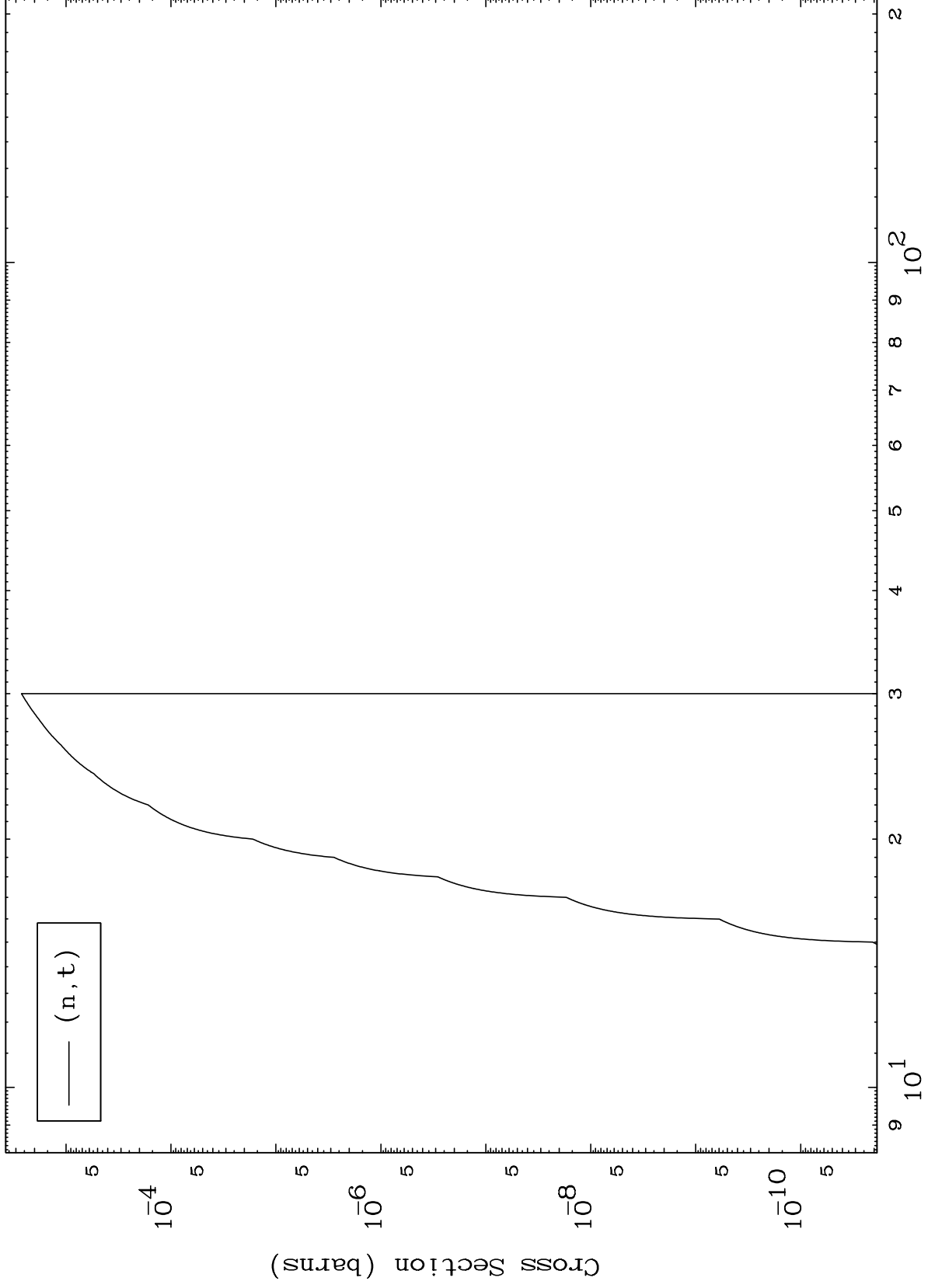
82-Pb-197



MAT 8204

(p, t) Levels  
0 Kelvin Cross Sections

82-Pb-197



9

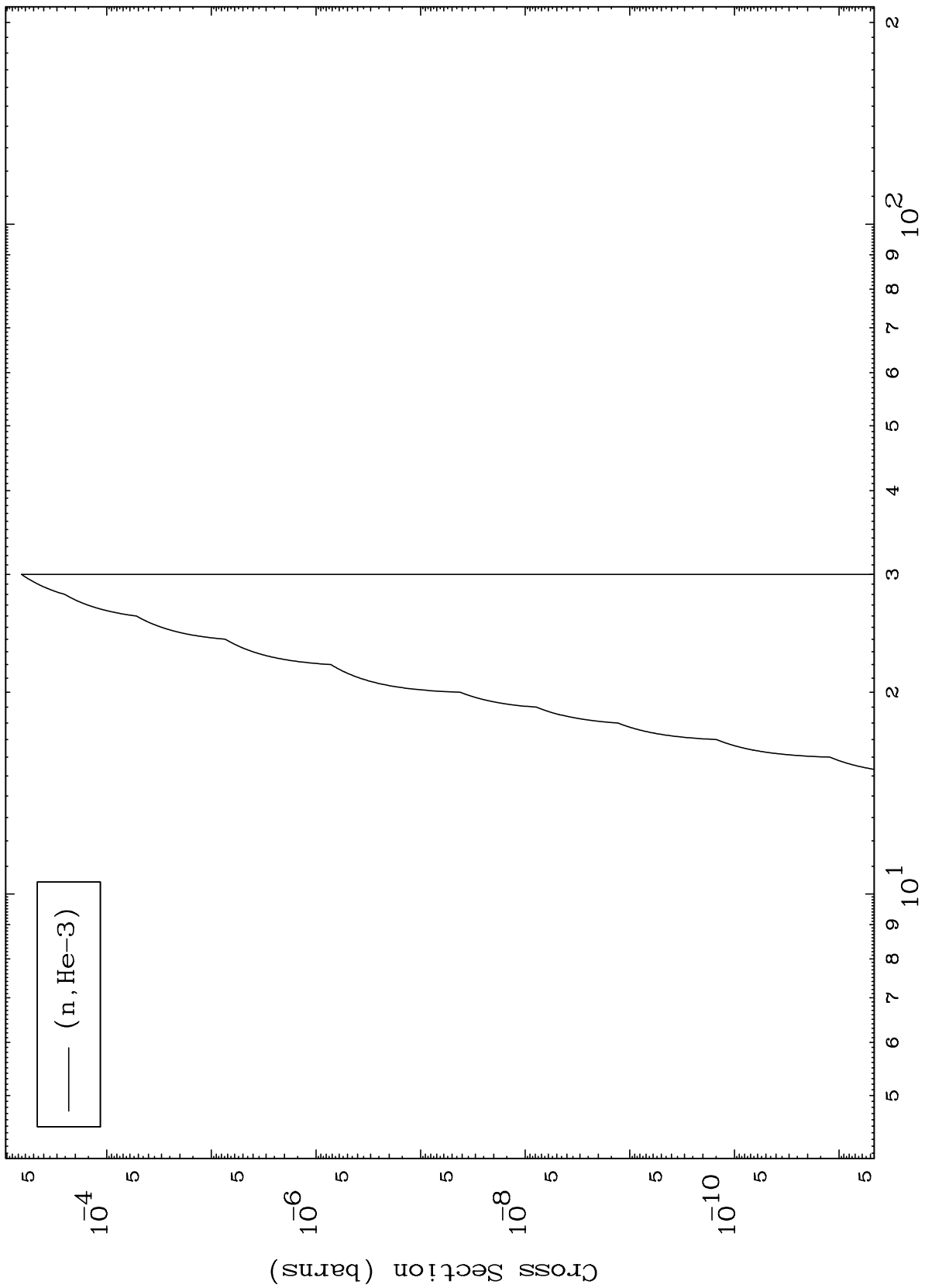
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

(p,He3) Levels  
0 Kelvin Cross Sections



10

Incident Energy (MeV)

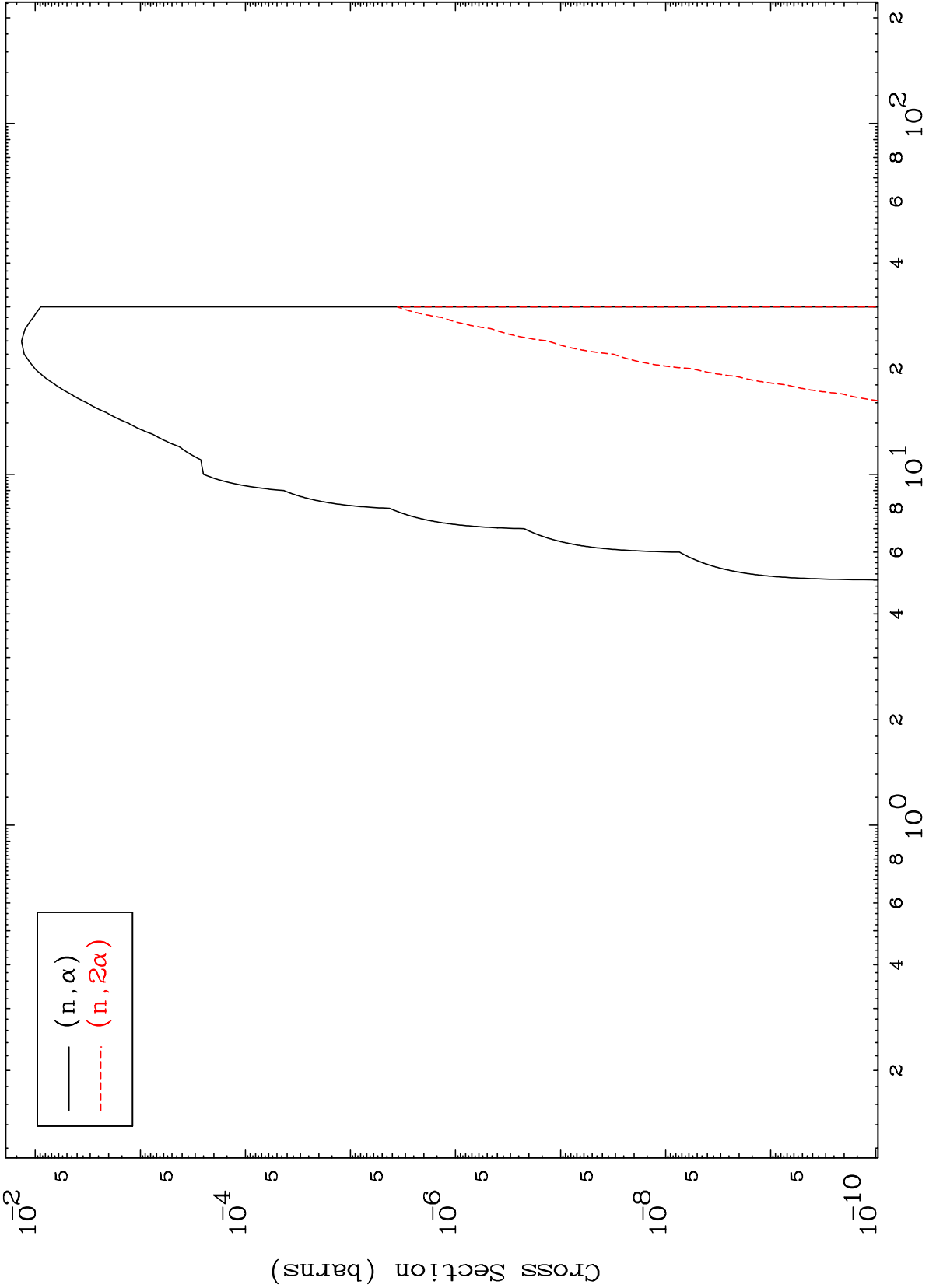
82-Pb-197

MAT 8204

(p,  $\alpha$ ) Levels

82-Pb-197

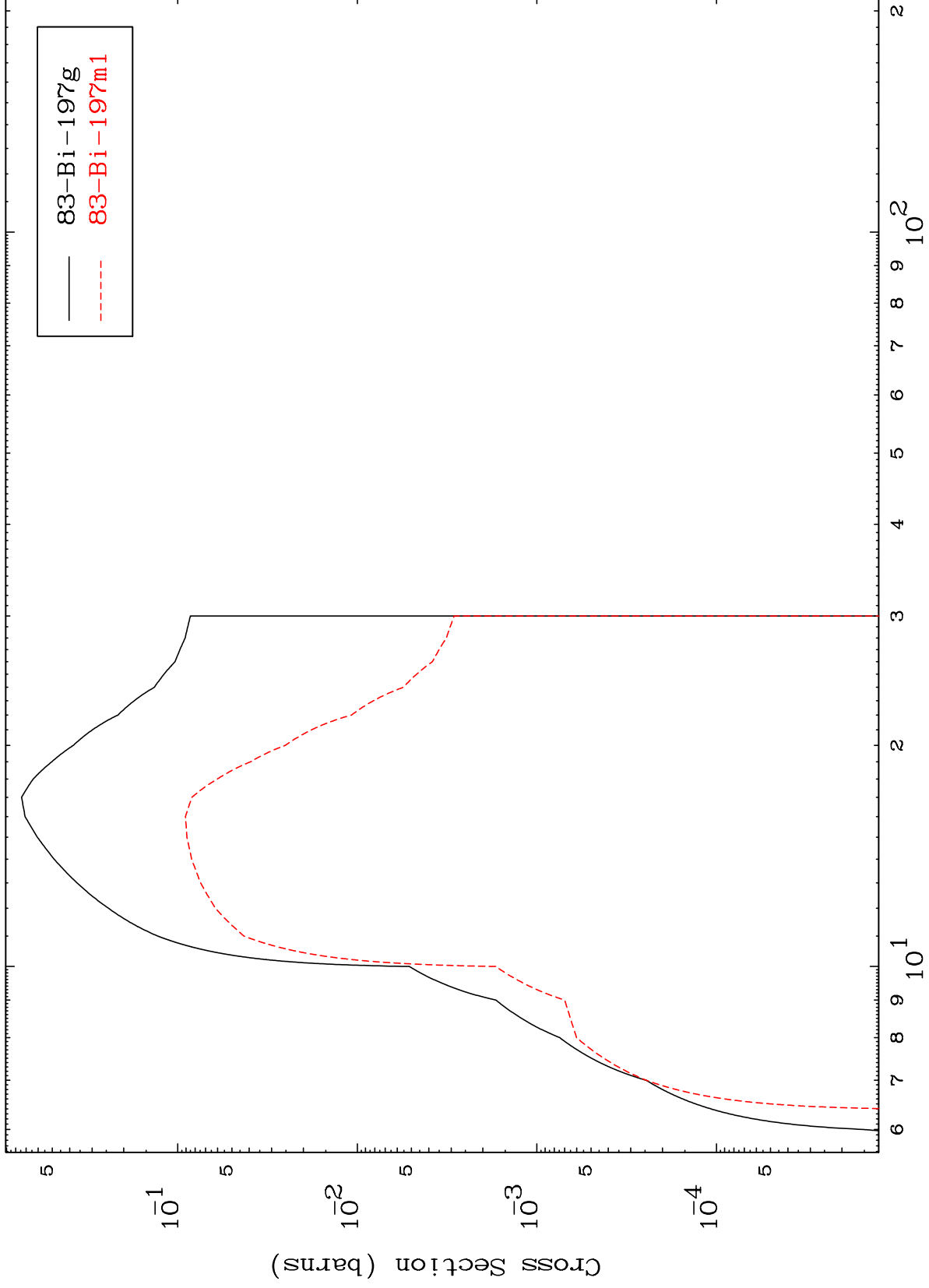
0 Kelvin Cross Sections



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Inelastic  
Radionuclide Production Cross Section

82-Pb-197

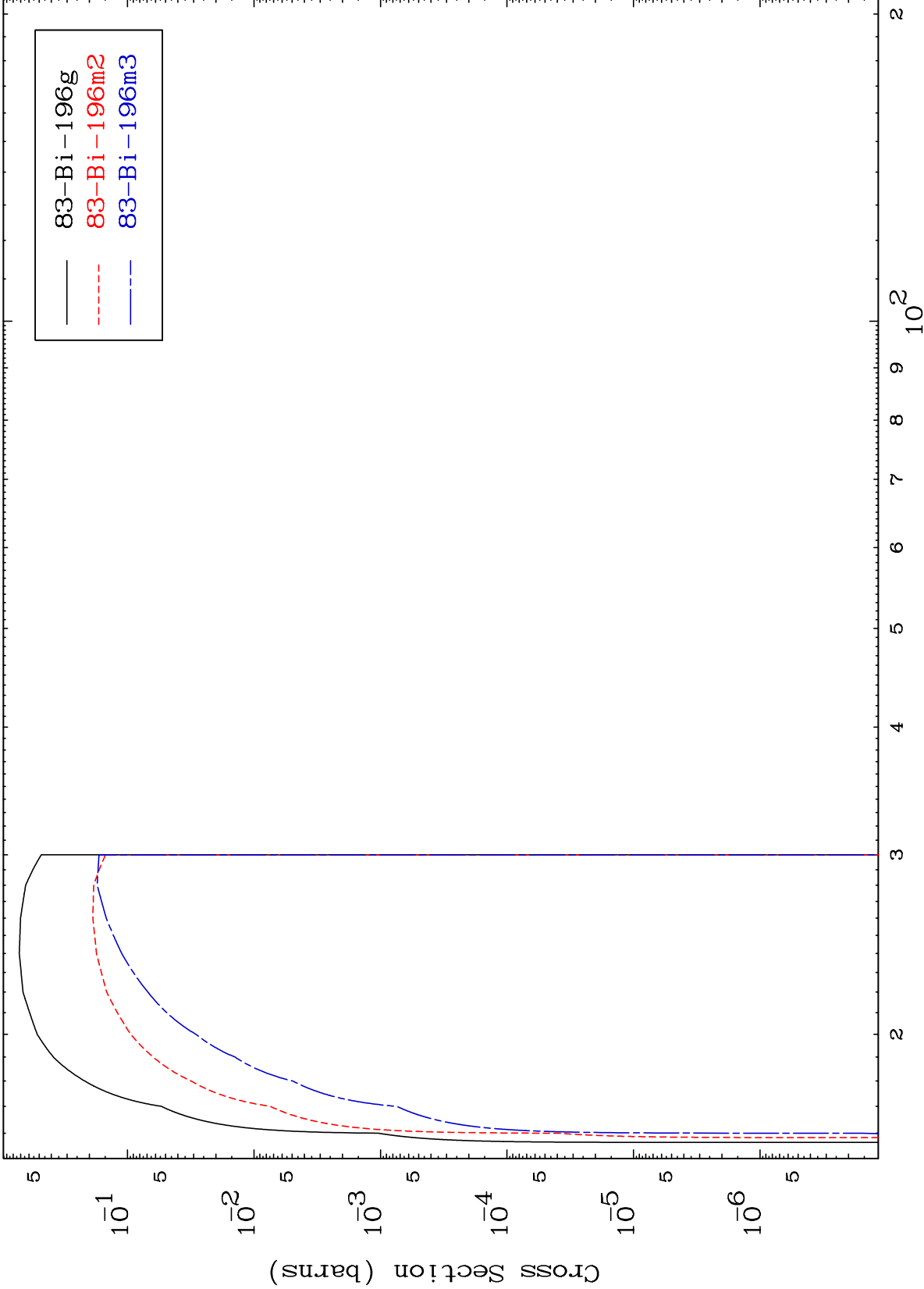


12

Incident Energy (MeV)

82-Pb-197

Radionuclide Production Cross Section

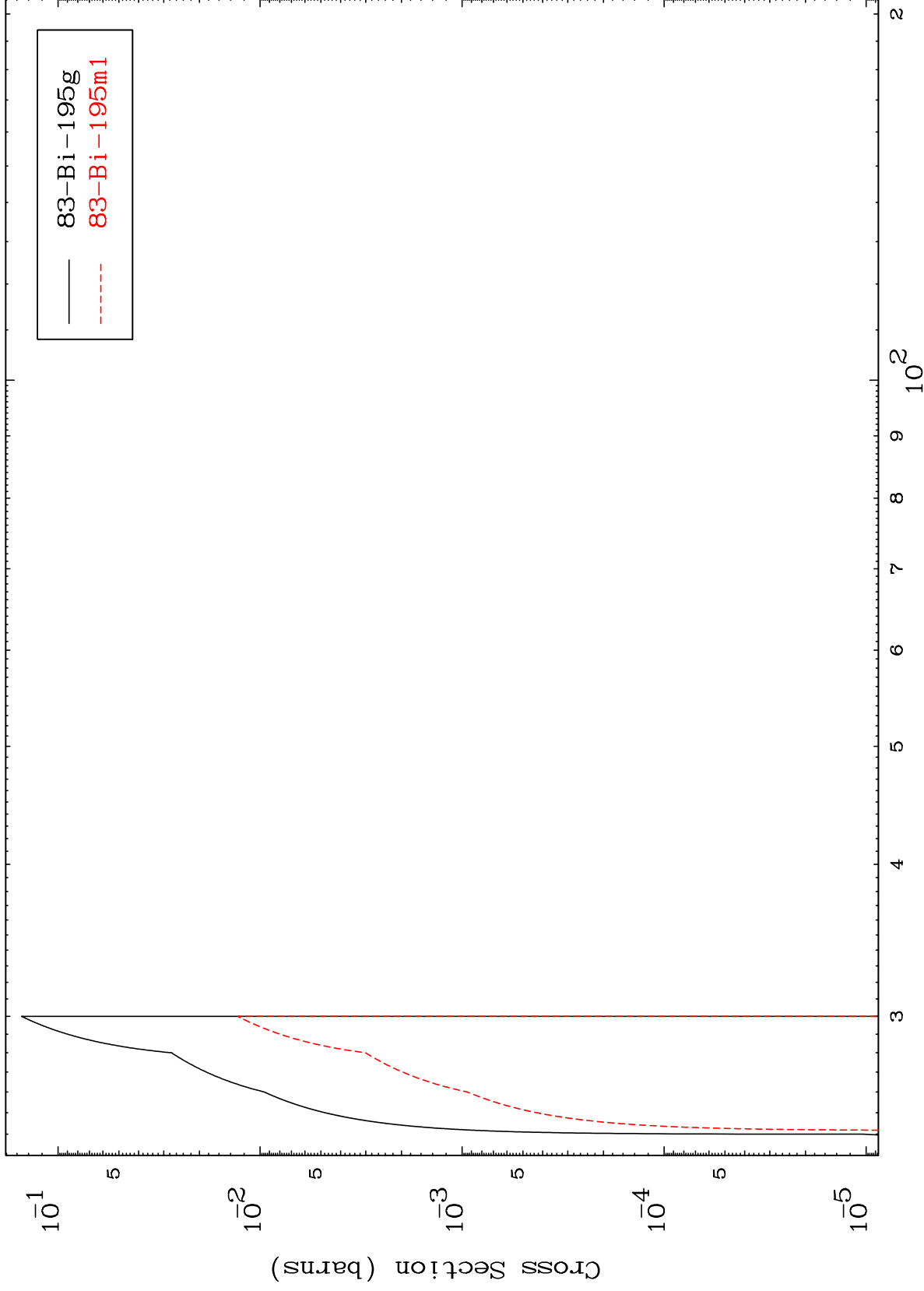


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(n,3n)

82-Pb-197

Radionuclide Production Cross Section



83-Bi-195g  
83-Bi-195m1

14

Incident Energy (MeV)

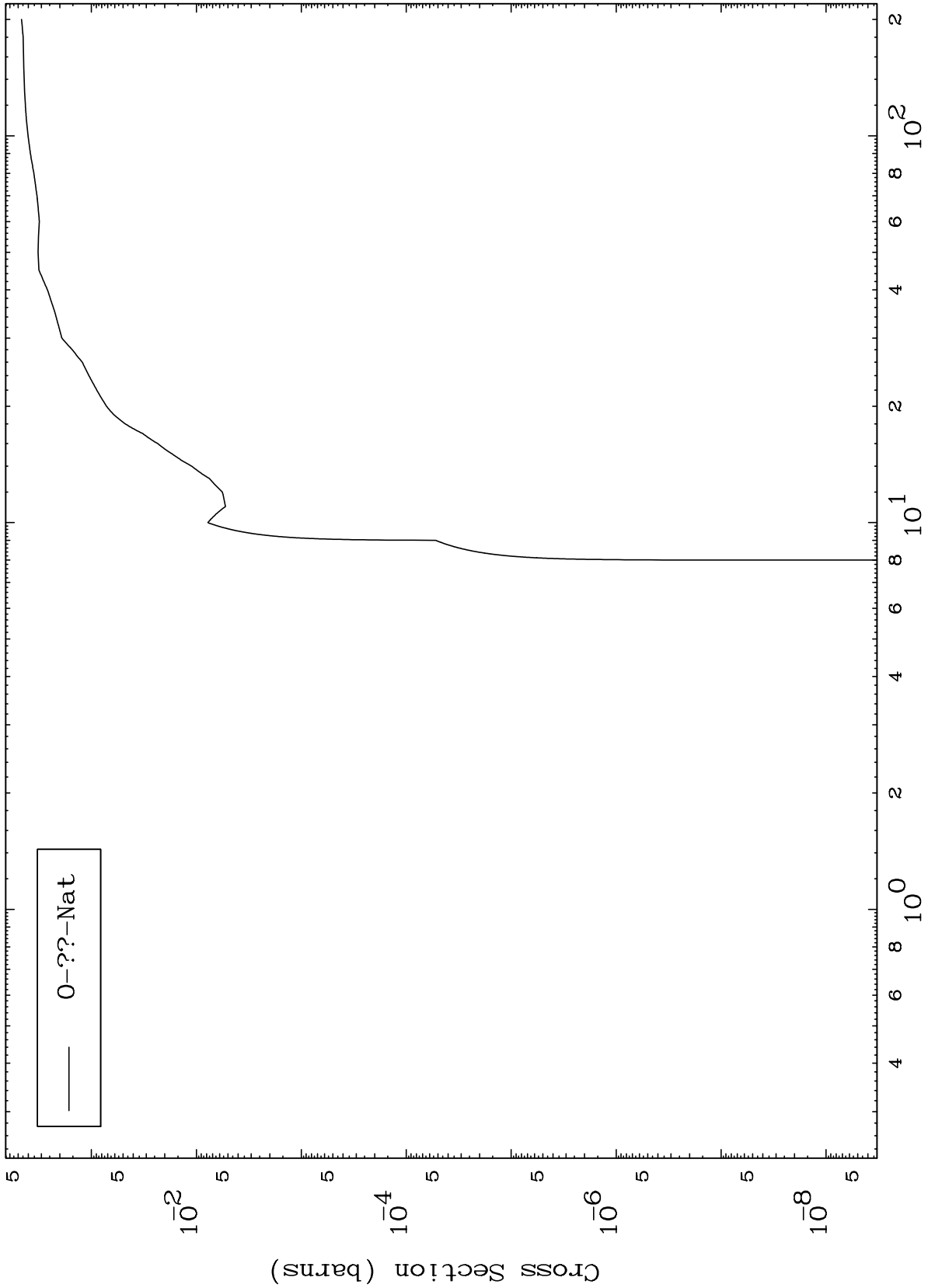
82-Pb-197

MAT 8204

Fission

82-Pb-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

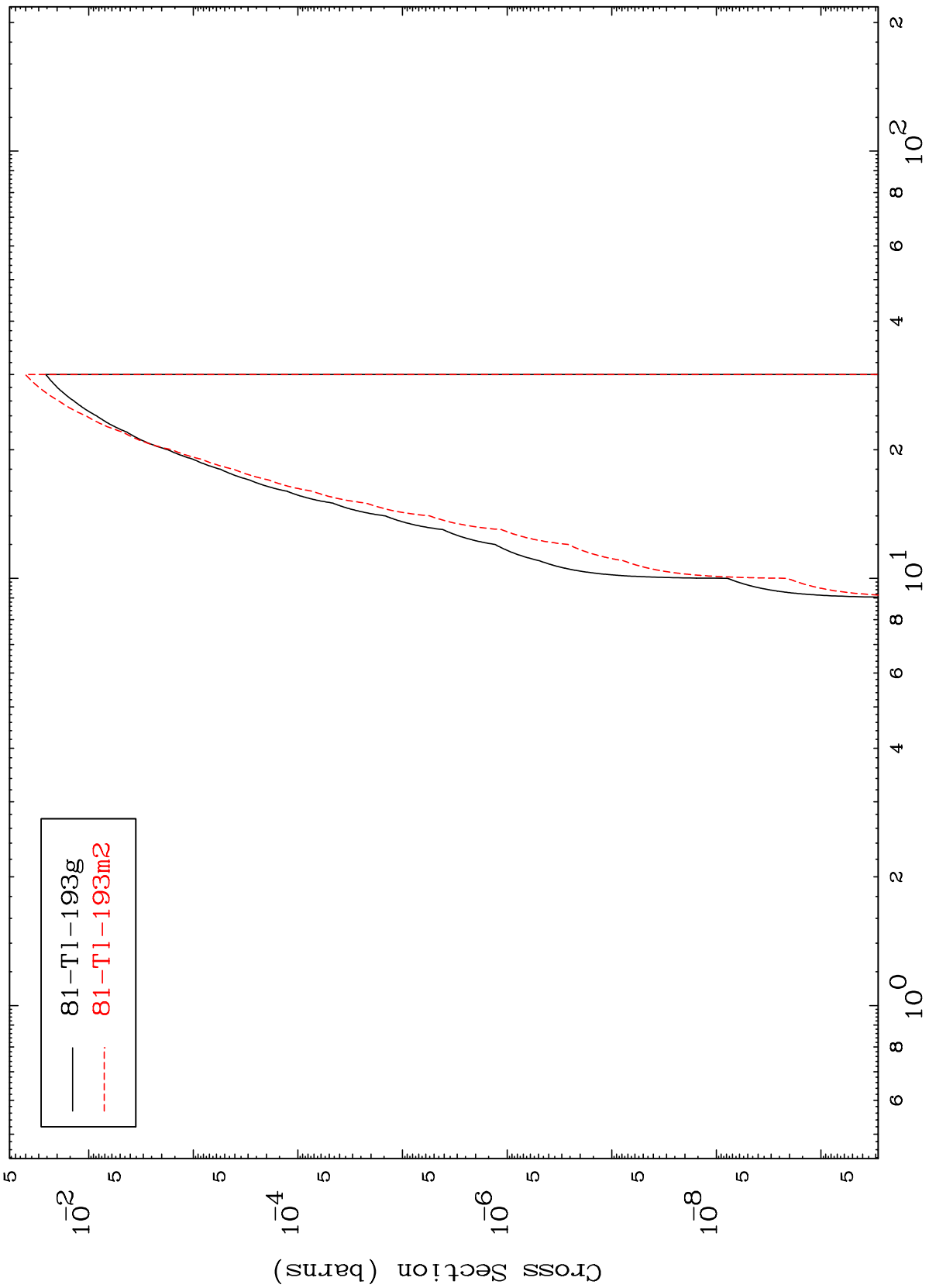
82-Pb-197

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$(n, n') \alpha$

82-Pb-197

Radionuclide Production Cross Section



81-Tl-193g  
81-Tl-193m2

16

Incident Energy (MeV)

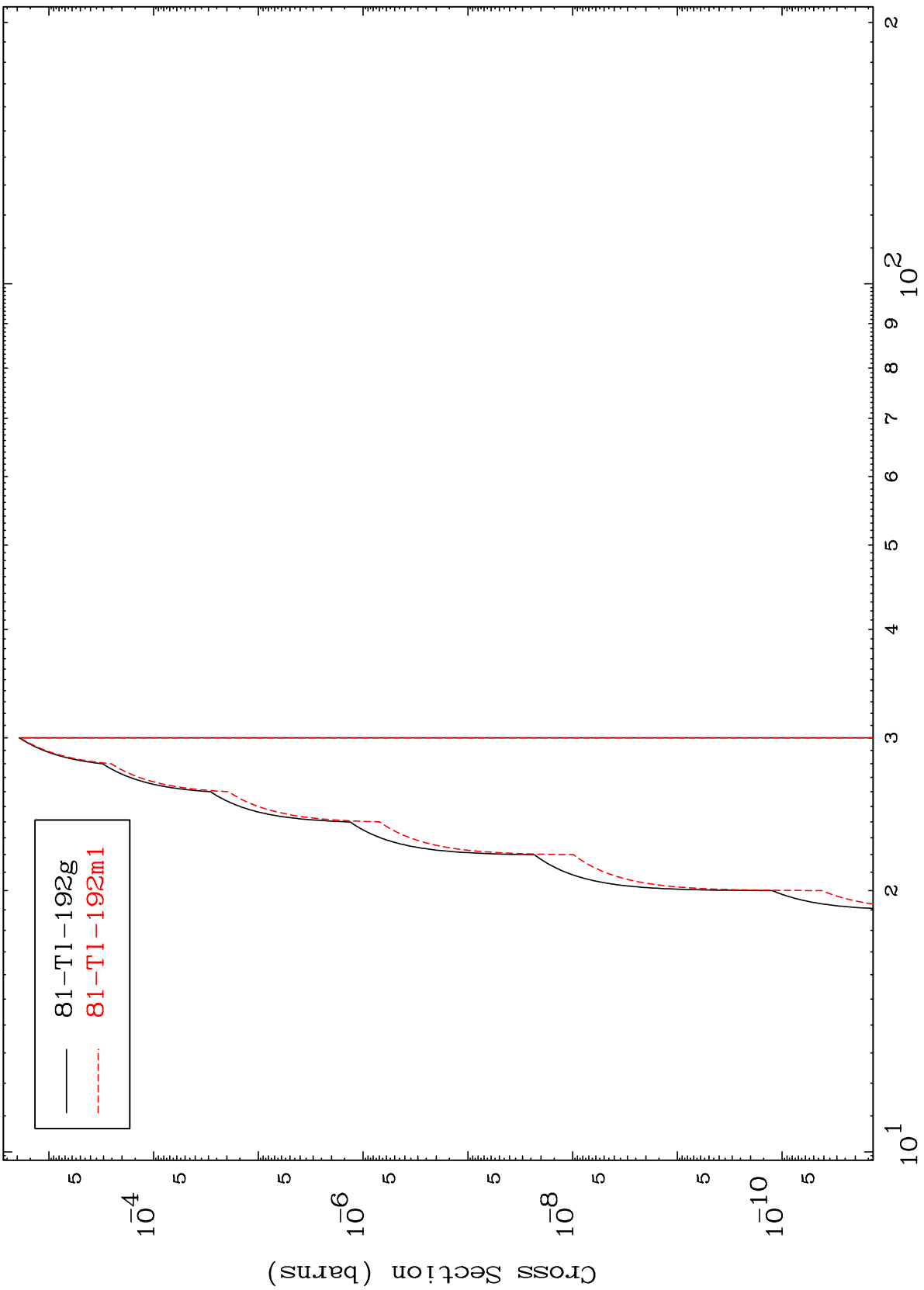
82-Pb-197

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(n,2n)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section

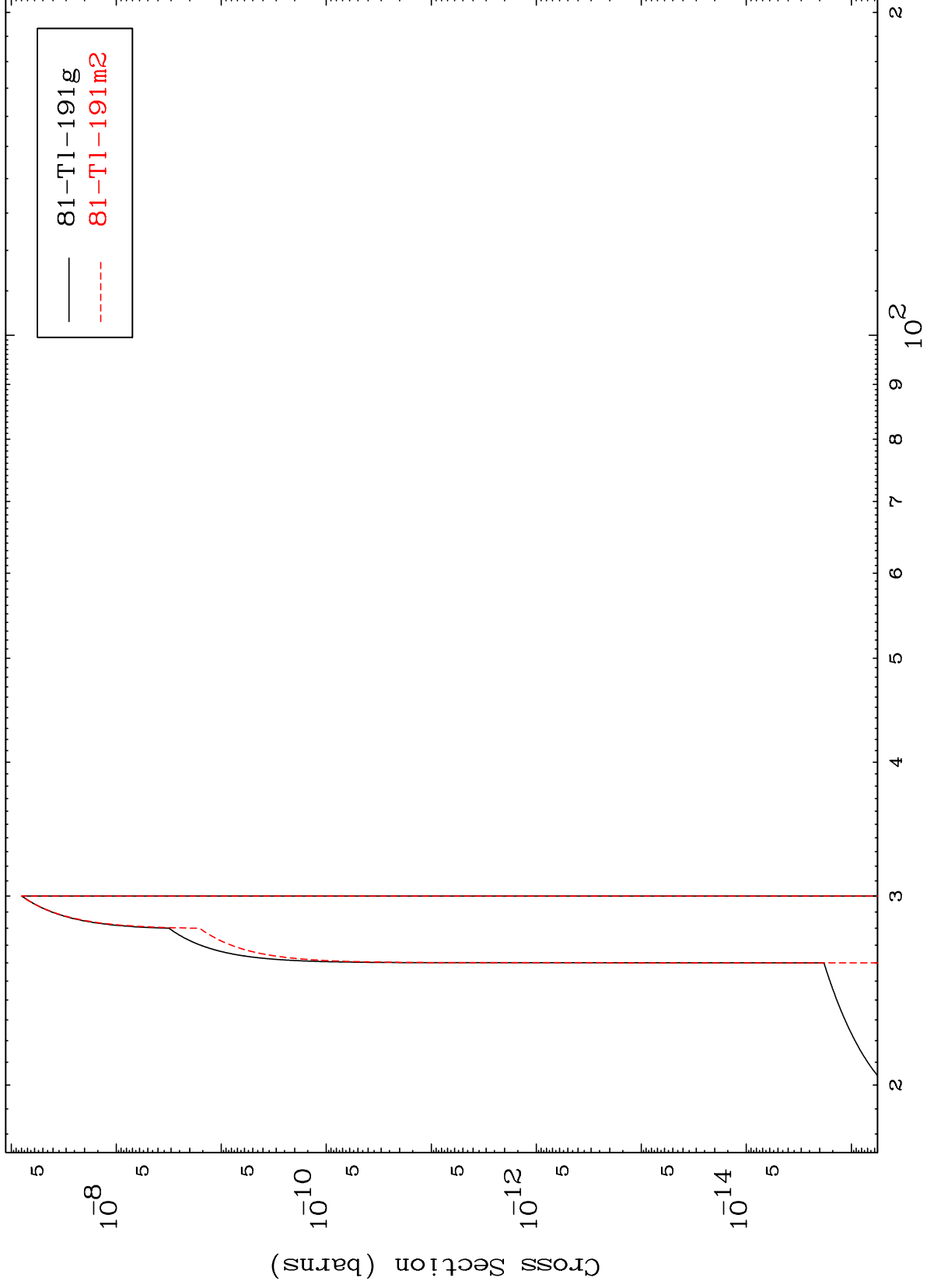


Incident Energy (MeV)

82-Pb-197

17

Radionuclide Production Cross Section

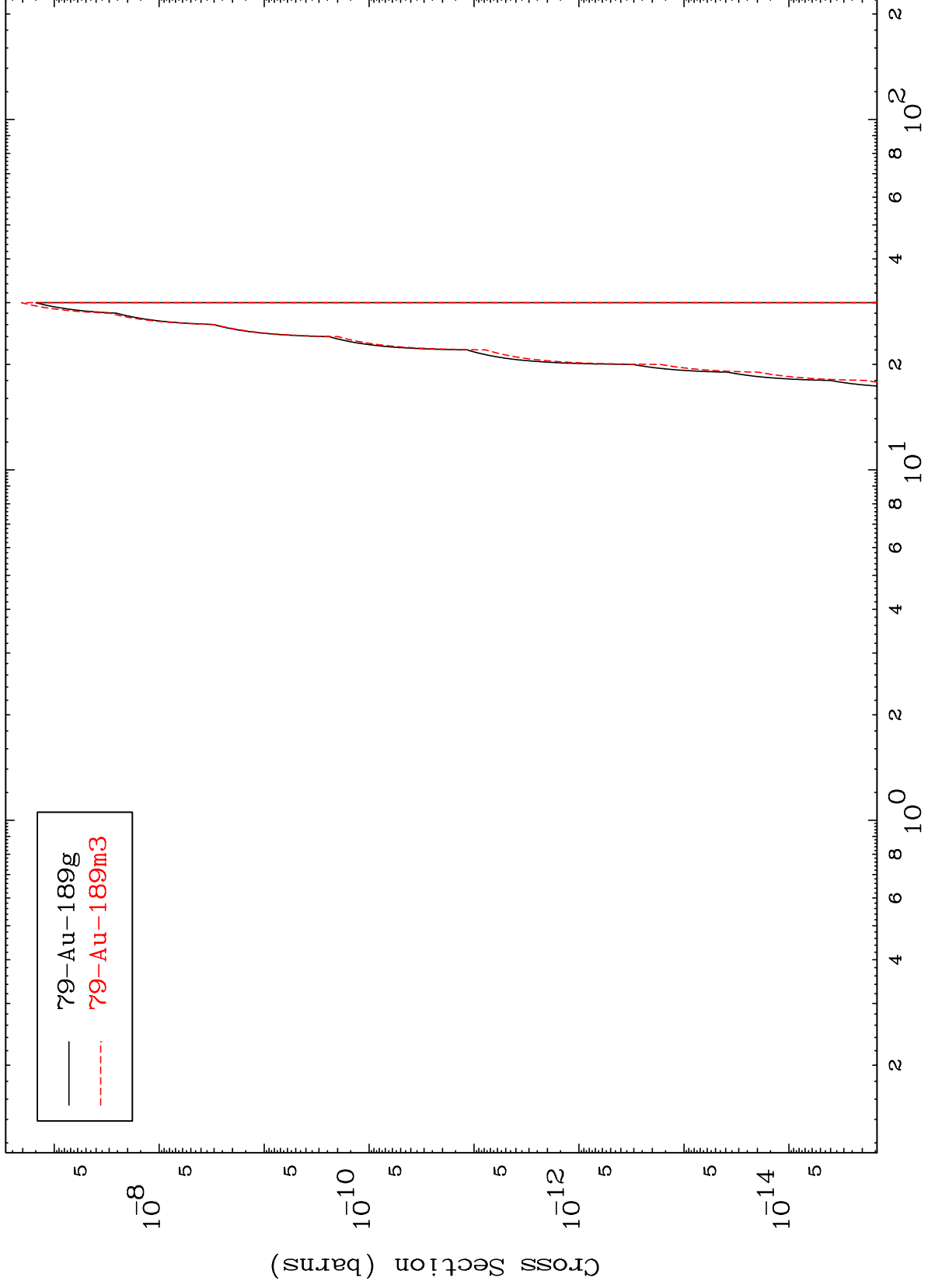


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(n,n') 2 $\alpha$

82-Pb-197

Radionuclide Production Cross Section



79-Au-189g  
79-Au-189m3

19

Incident Energy (MeV)

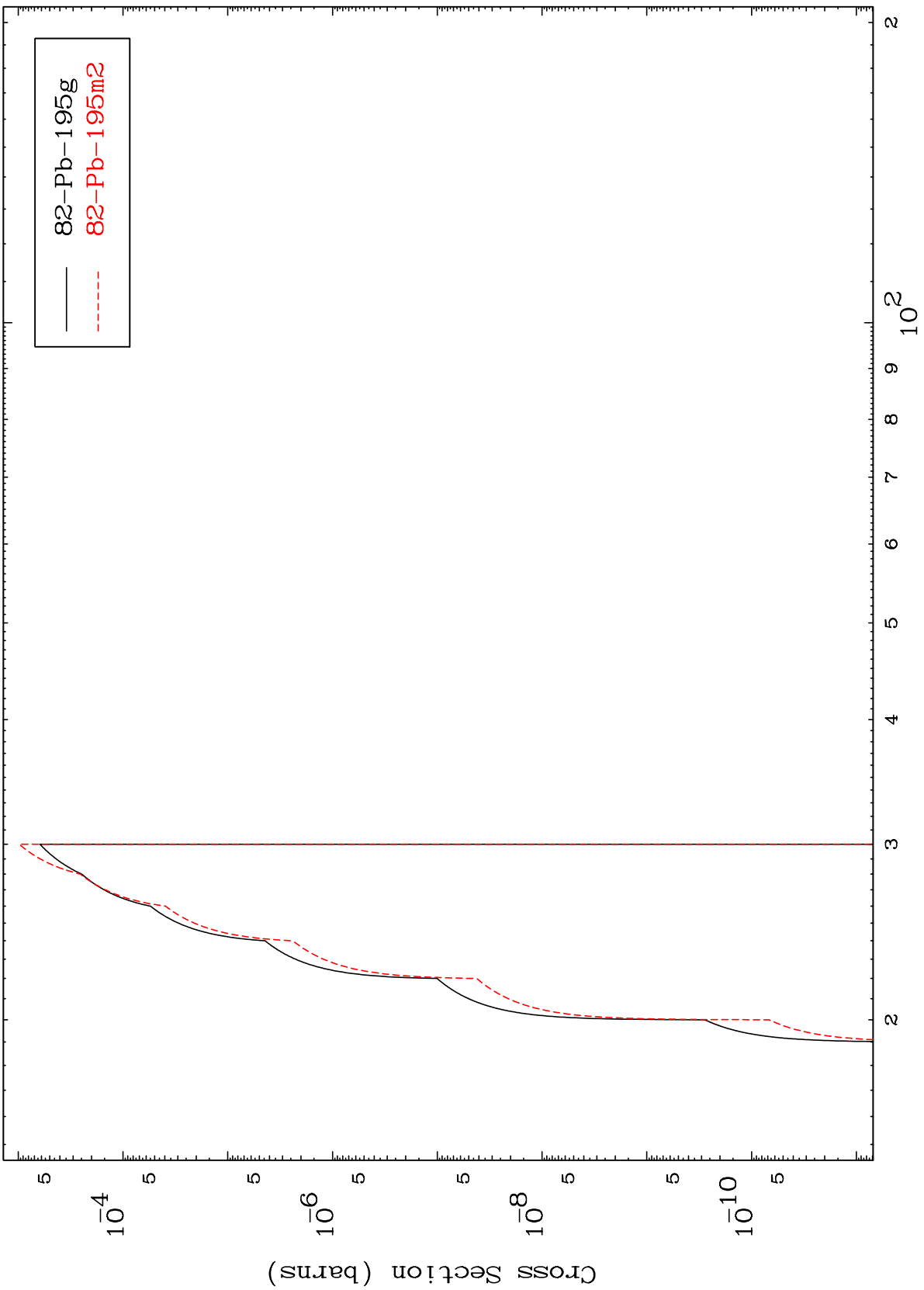
82-Pb-197

MAT 8204

(n,n') d

82-Pb-197

Radionuclide Production Cross Section

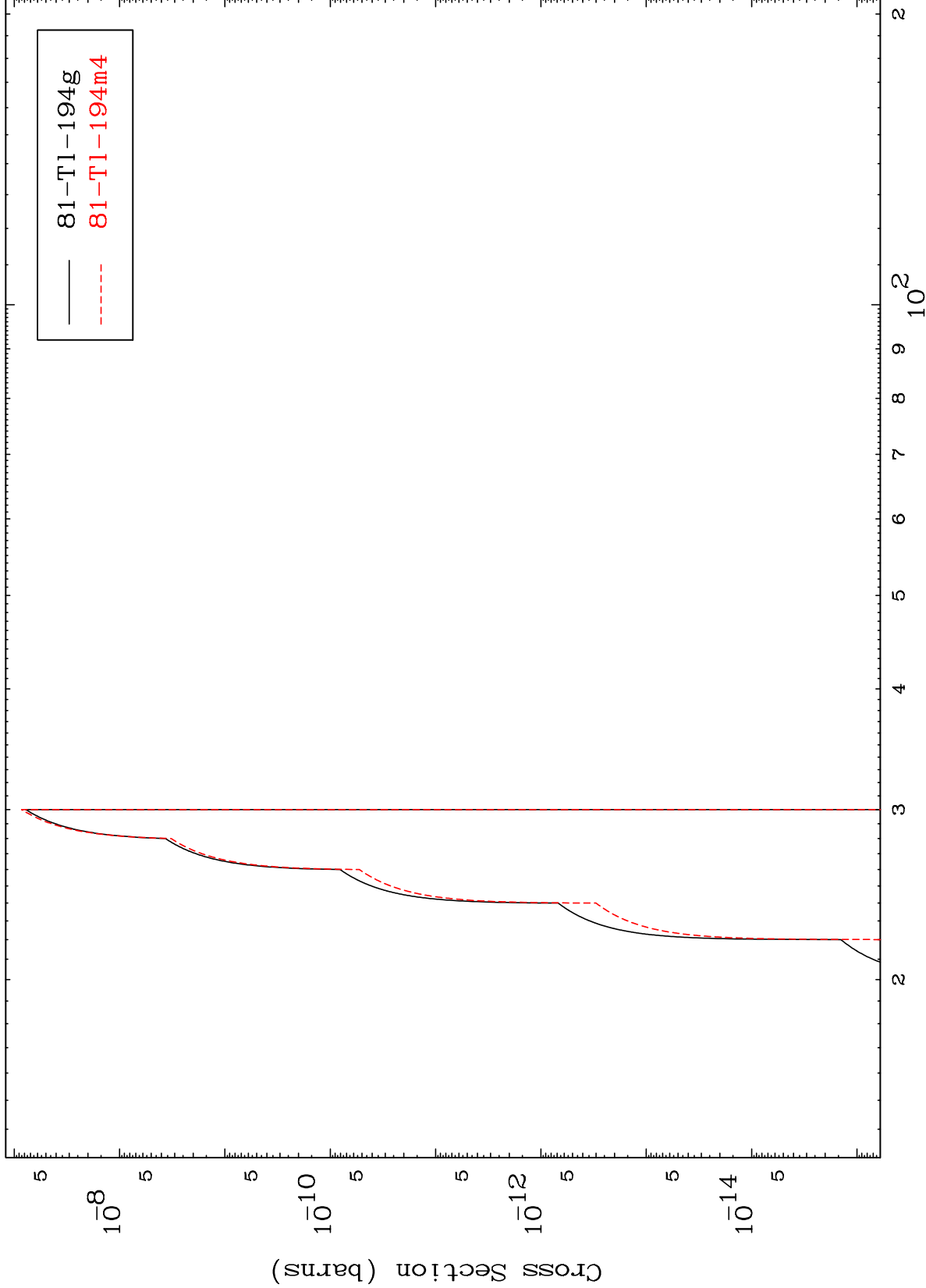


20

Incident Energy (MeV)

82-Pb-197

Radionuclide Production Cross Section

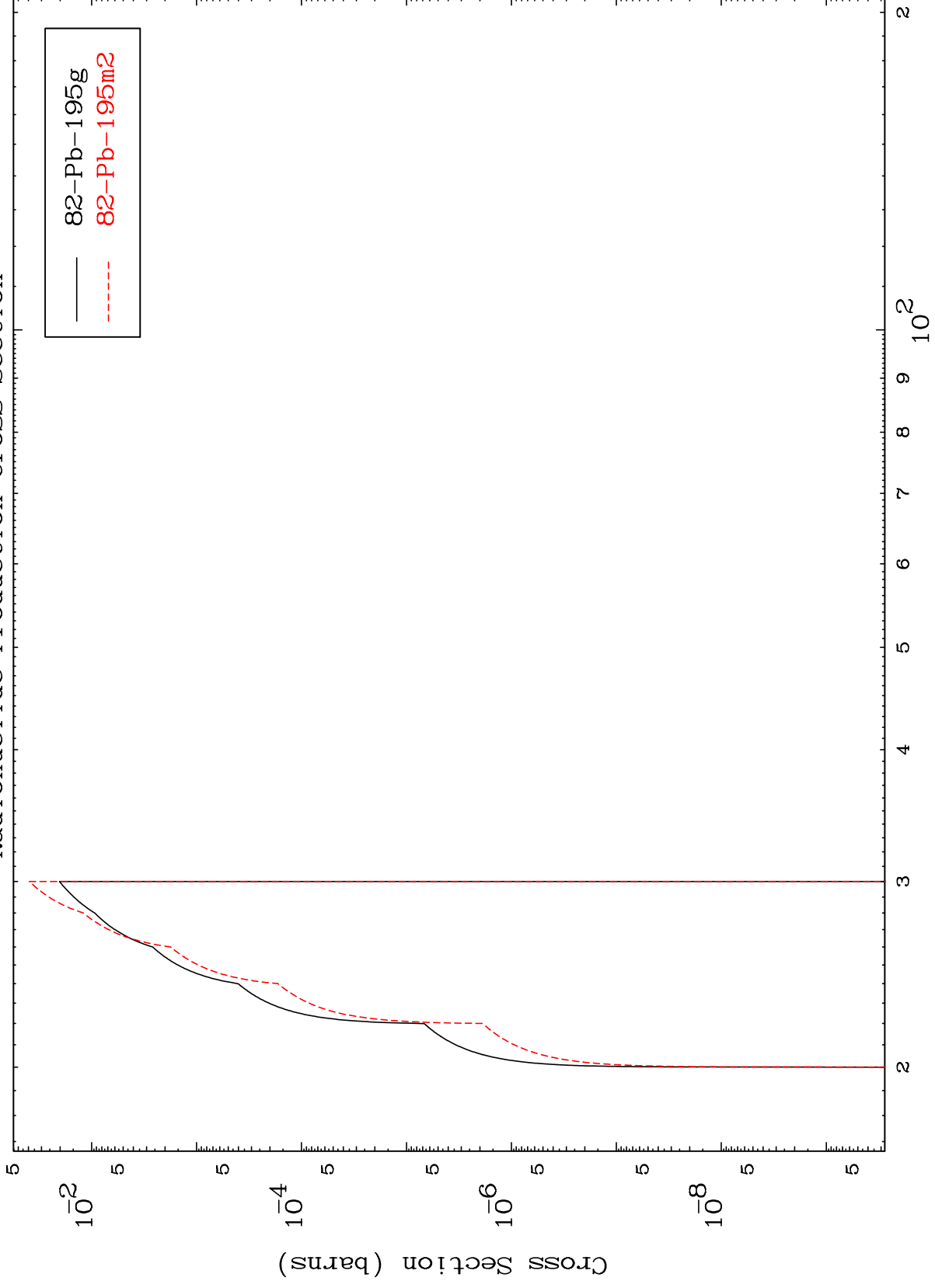


MAT 8204

(n,2n) p

82-Pb-197

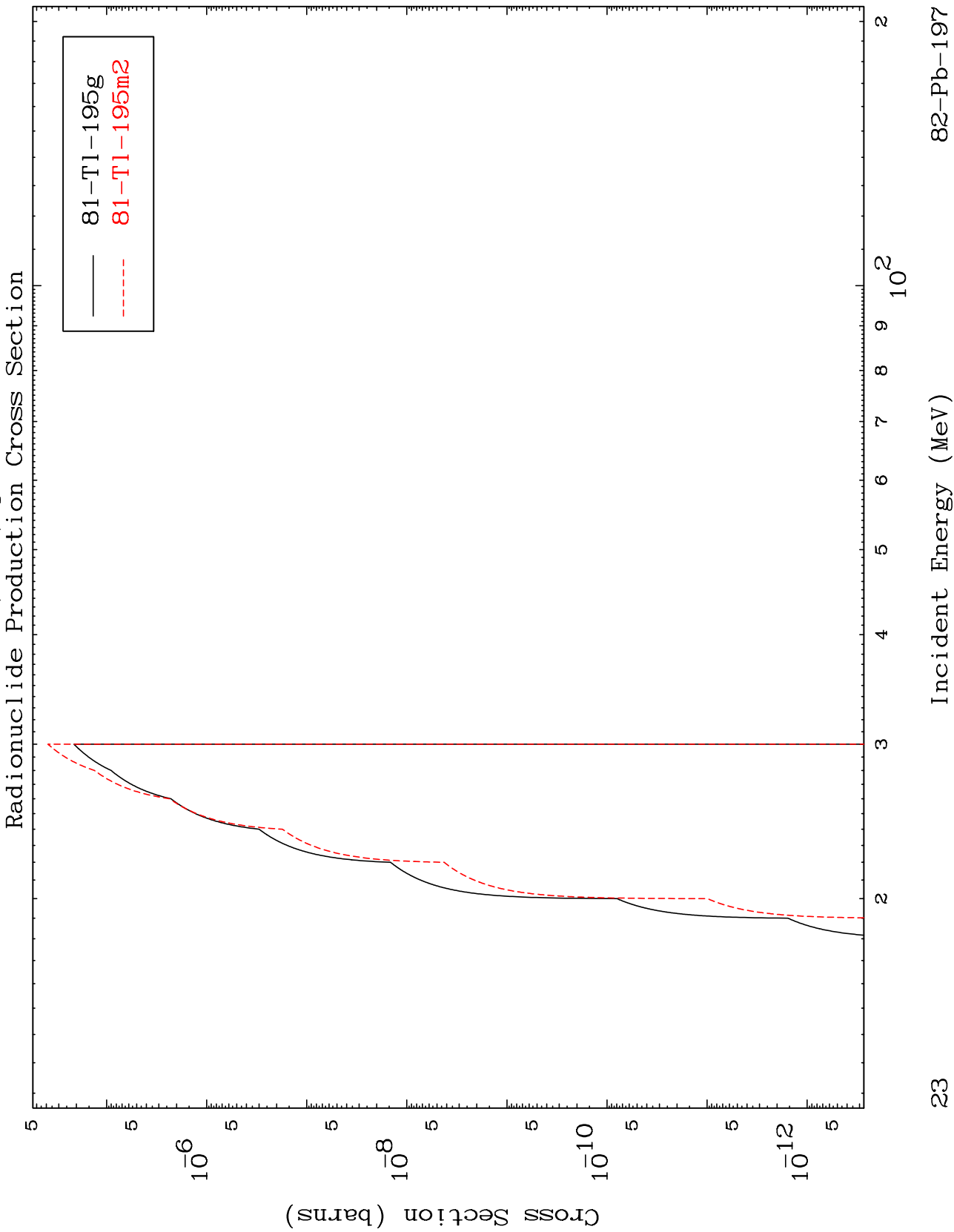
Radionuclide Production Cross Section



22

Incident Energy (MeV)

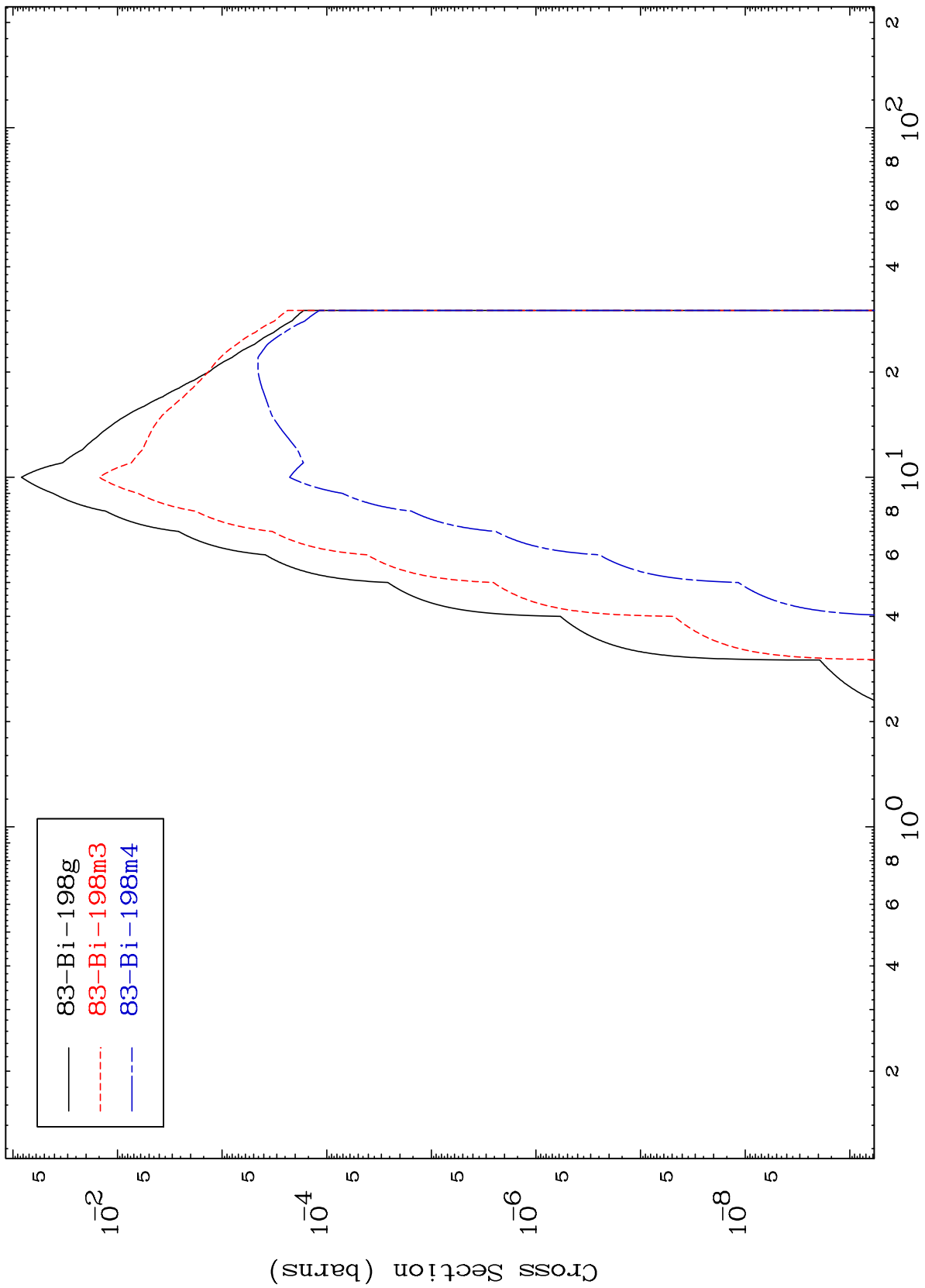
82-Pb-197



MAT 8204

82-Pb-197

(n,γ)  
Radionuclide Production Cross Section



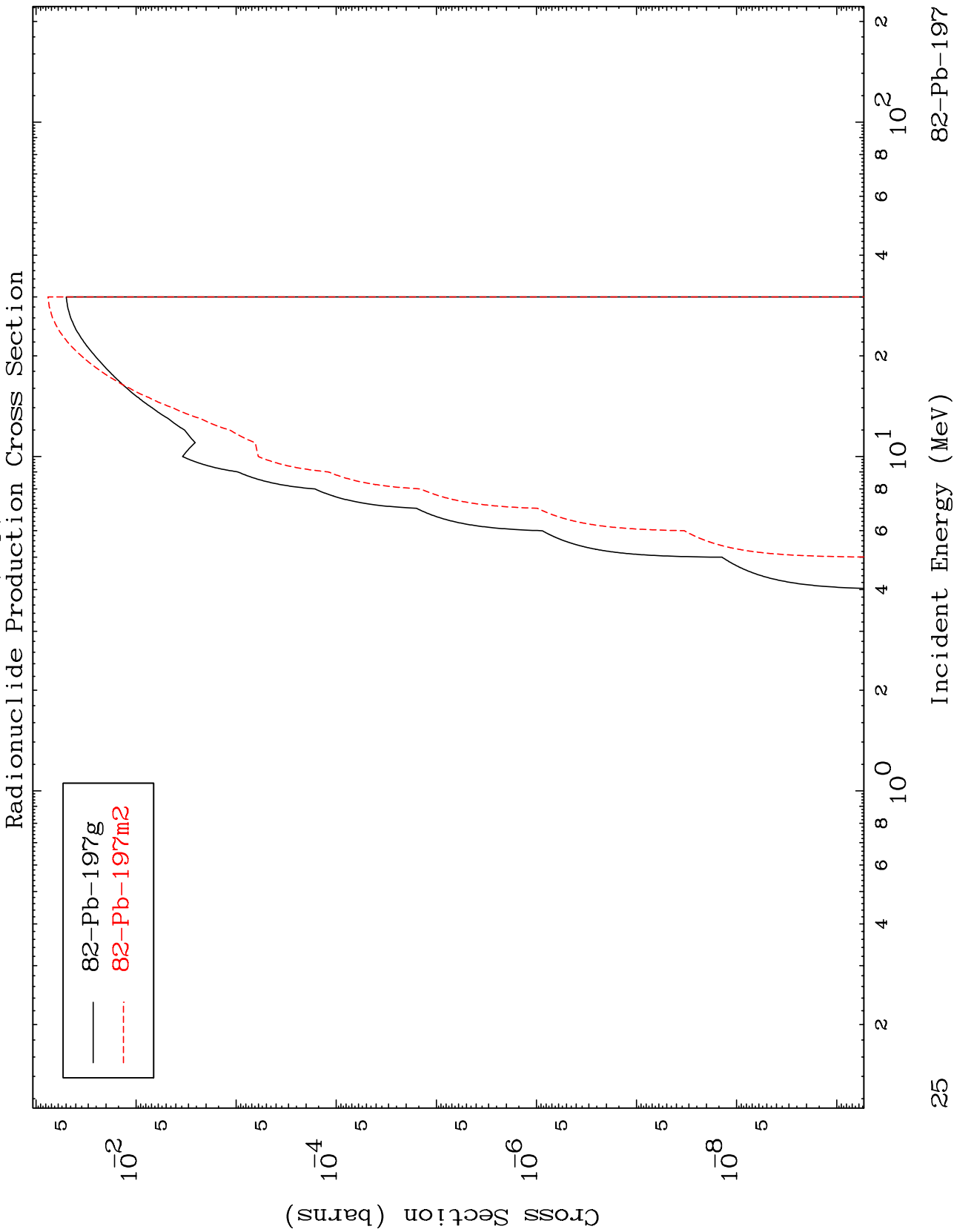
82-Pb-197

Incident Energy (MeV)

24

MAT 8204

82-Pb-197



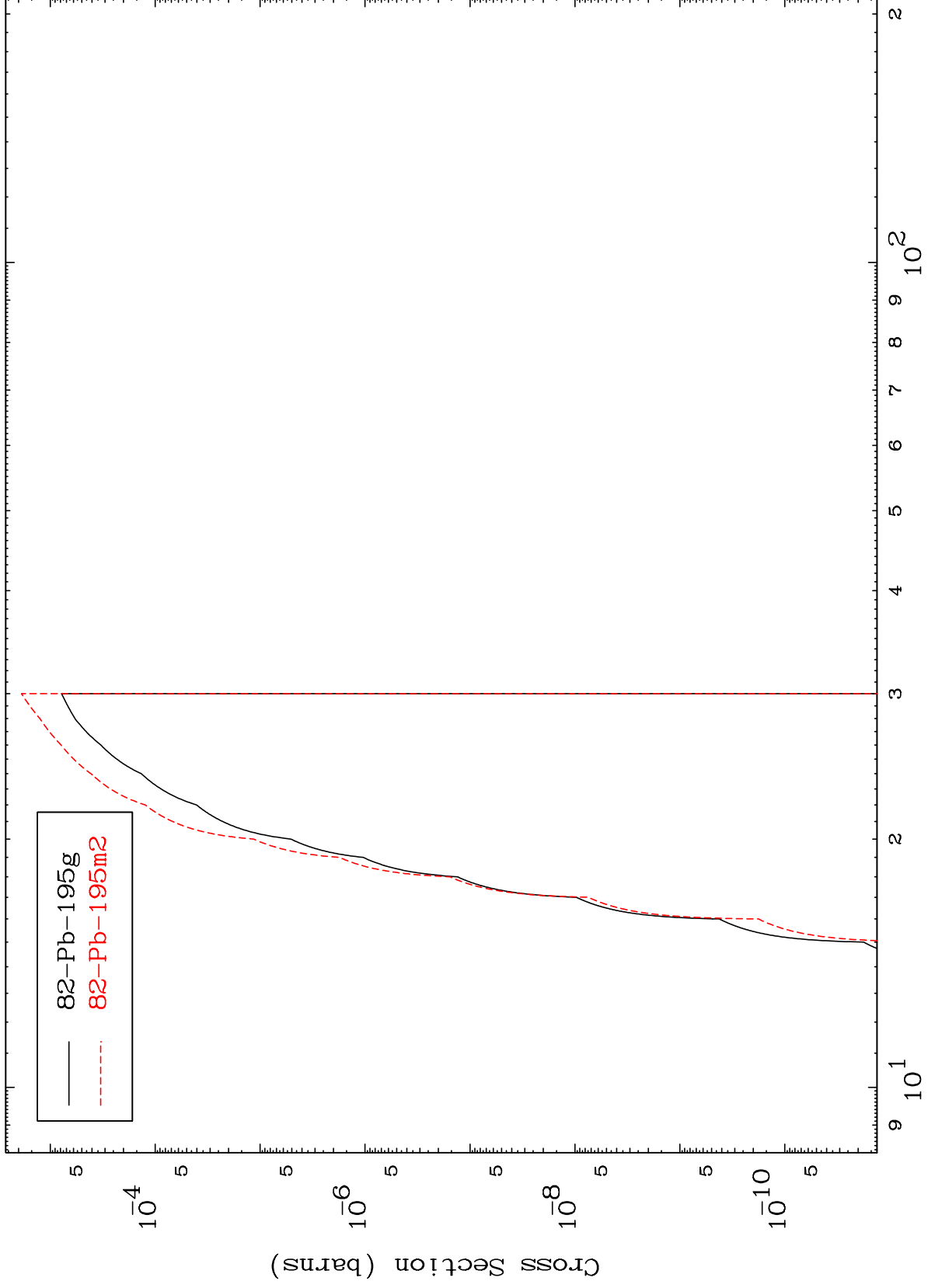
25

82-Pb-197

MAT 8204

82-Pb-197

(n,t)  
Radionuclide Production Cross Section



26

Incident Energy (MeV)

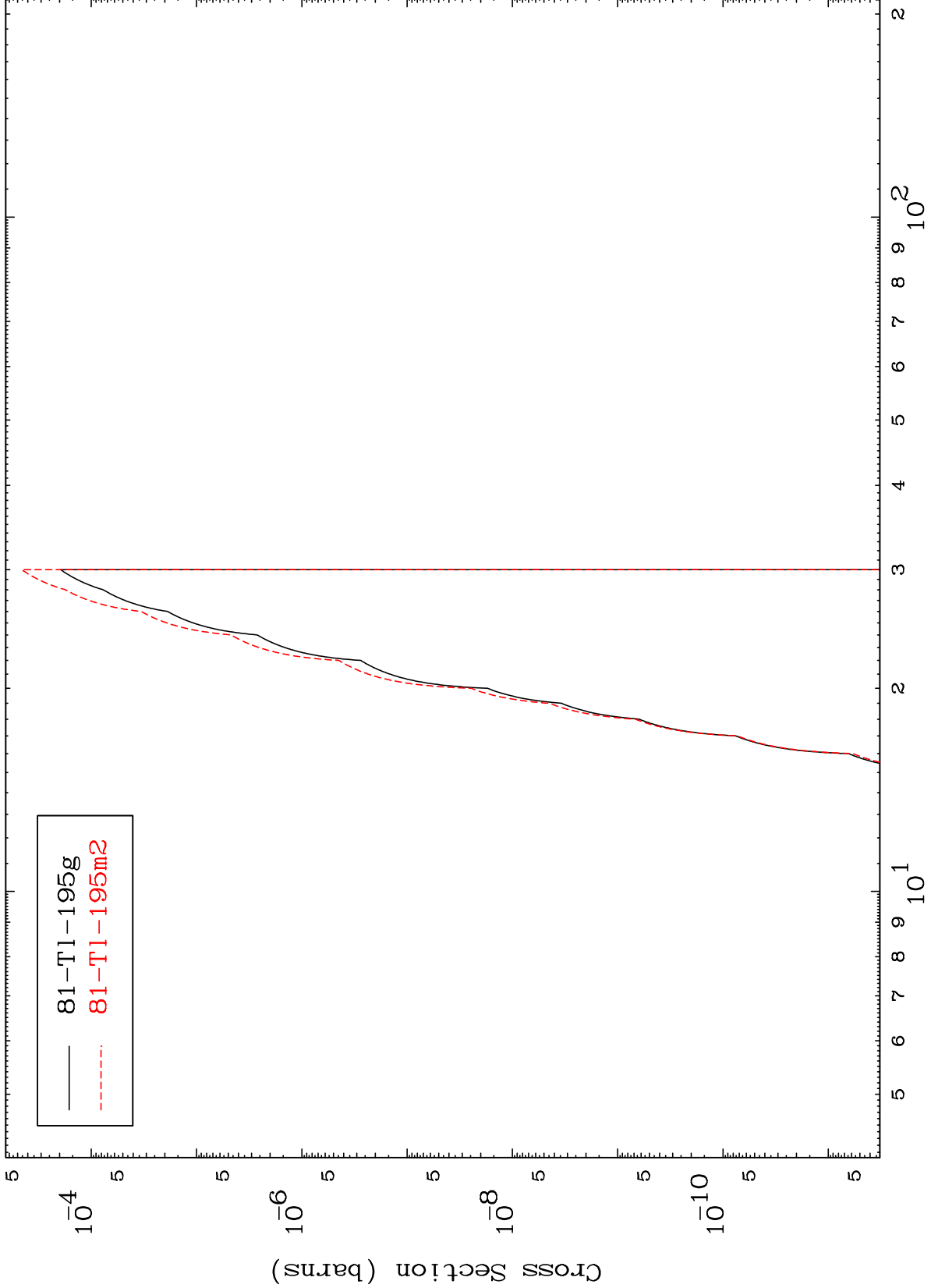
82-Pb-197

MAT 8204

(n,He-3)

82-Pb-197

Radionuclide Production Cross Section



81-Tl-195g  
81-Tl-195m2

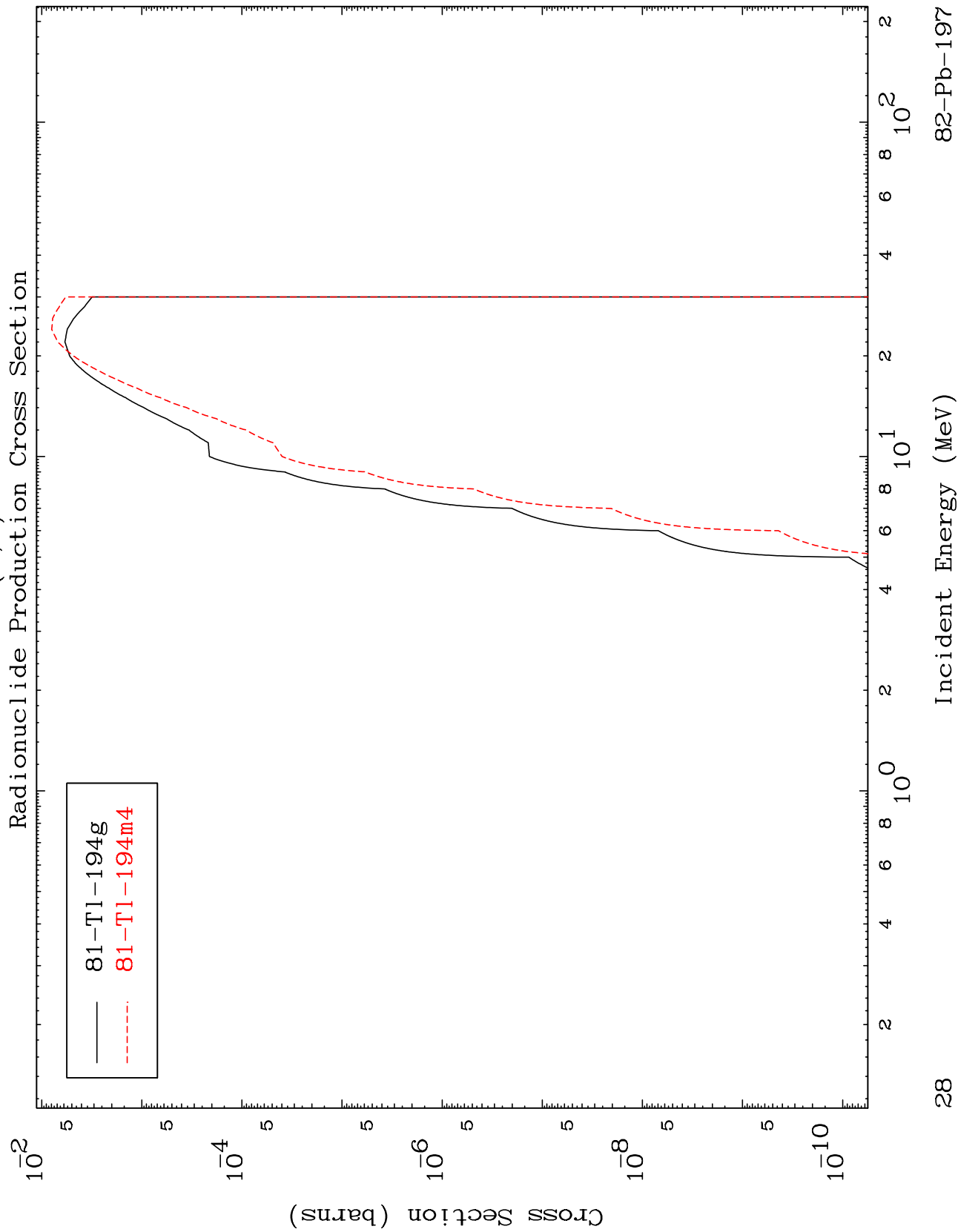
27

Incident Energy (MeV)

82-Pb-197

MAT 8204

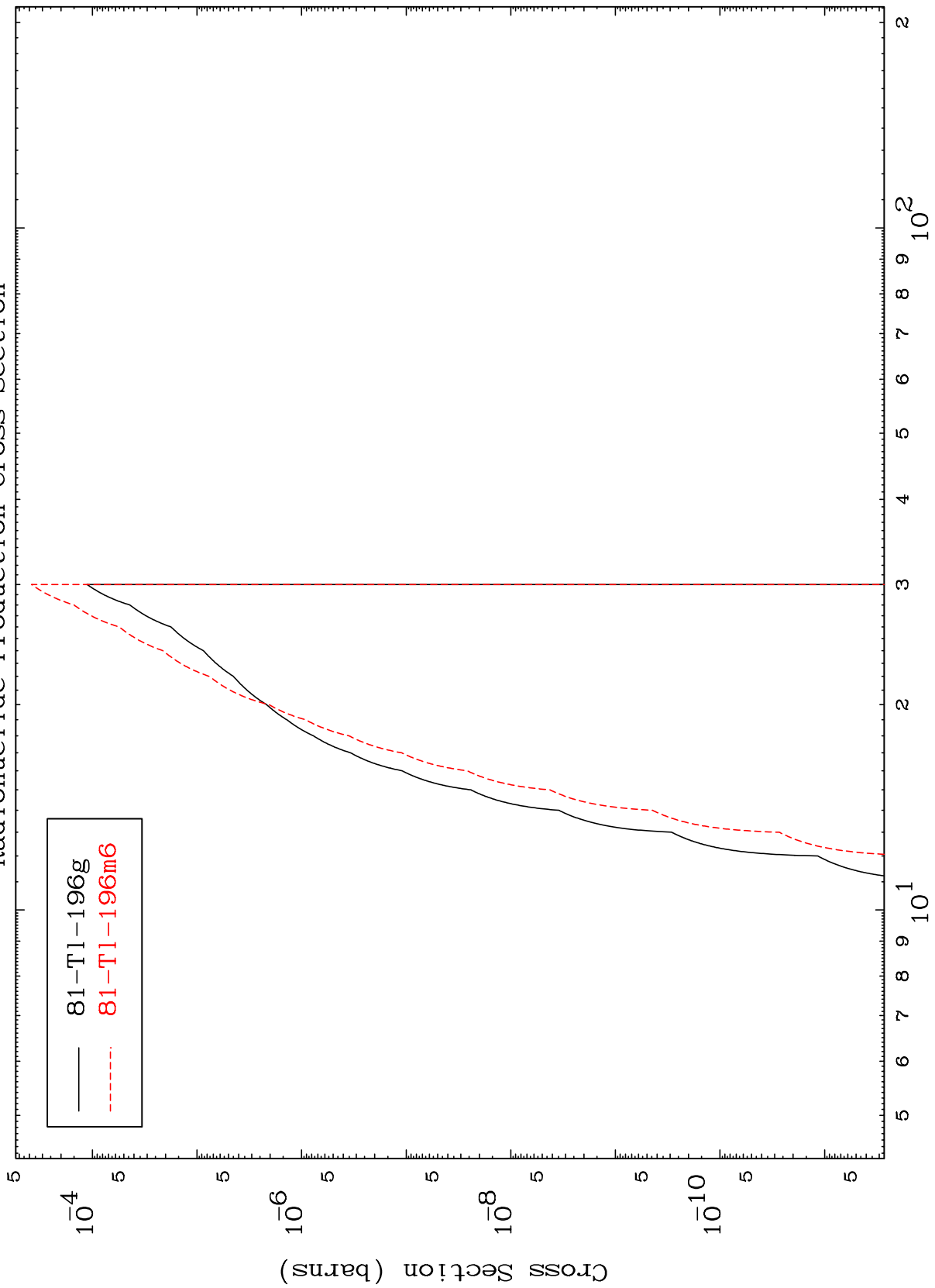
82-Pb-197



MAT 8204

82-Pb-197

(n,2p)  
Radionuclide Production Cross Section



— 81-Tl-196g  
- - - 81-Tl-196m6

29

Incident Energy (MeV)

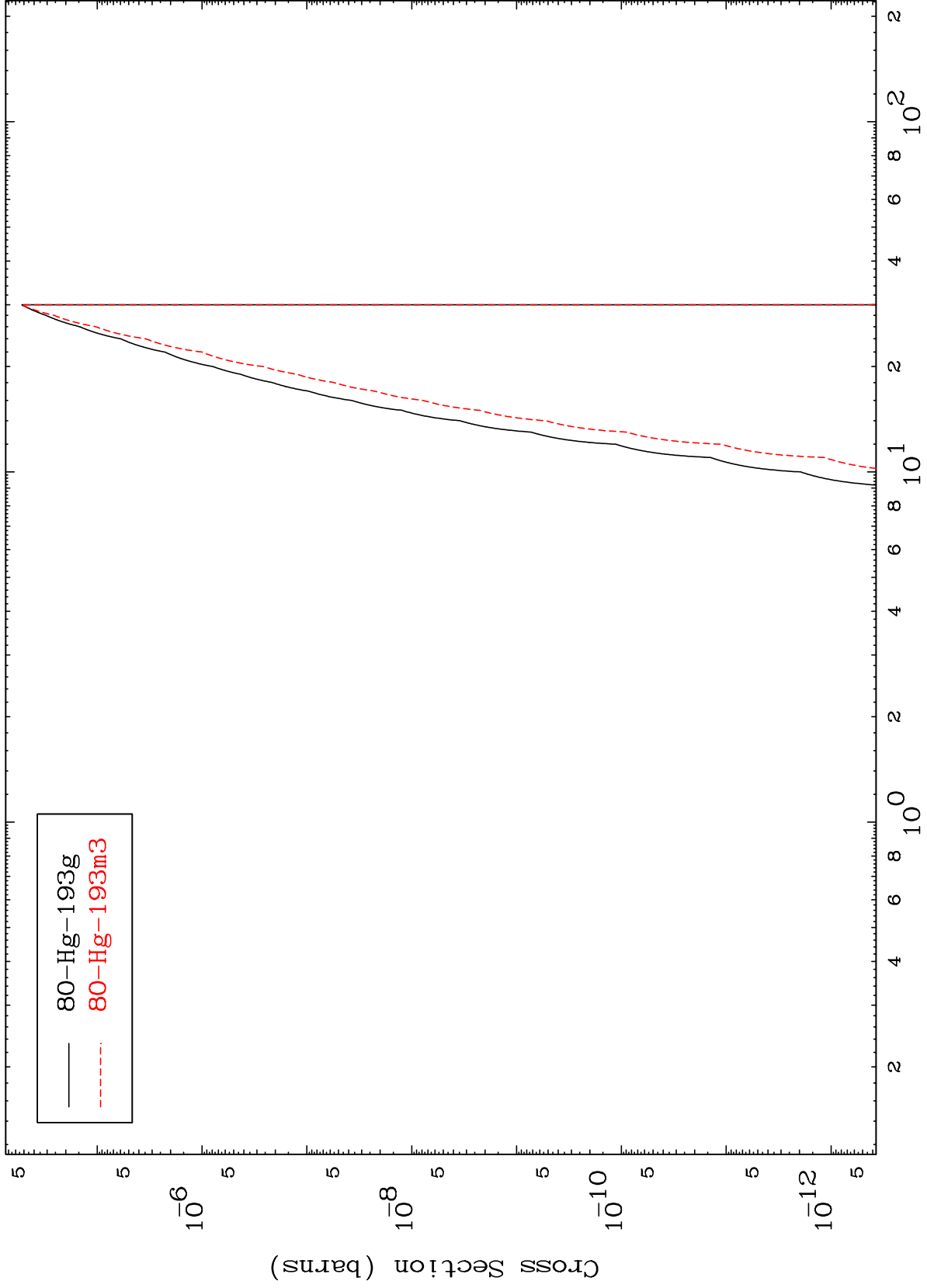
82-Pb-197

MAT 8204

(n,p)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section



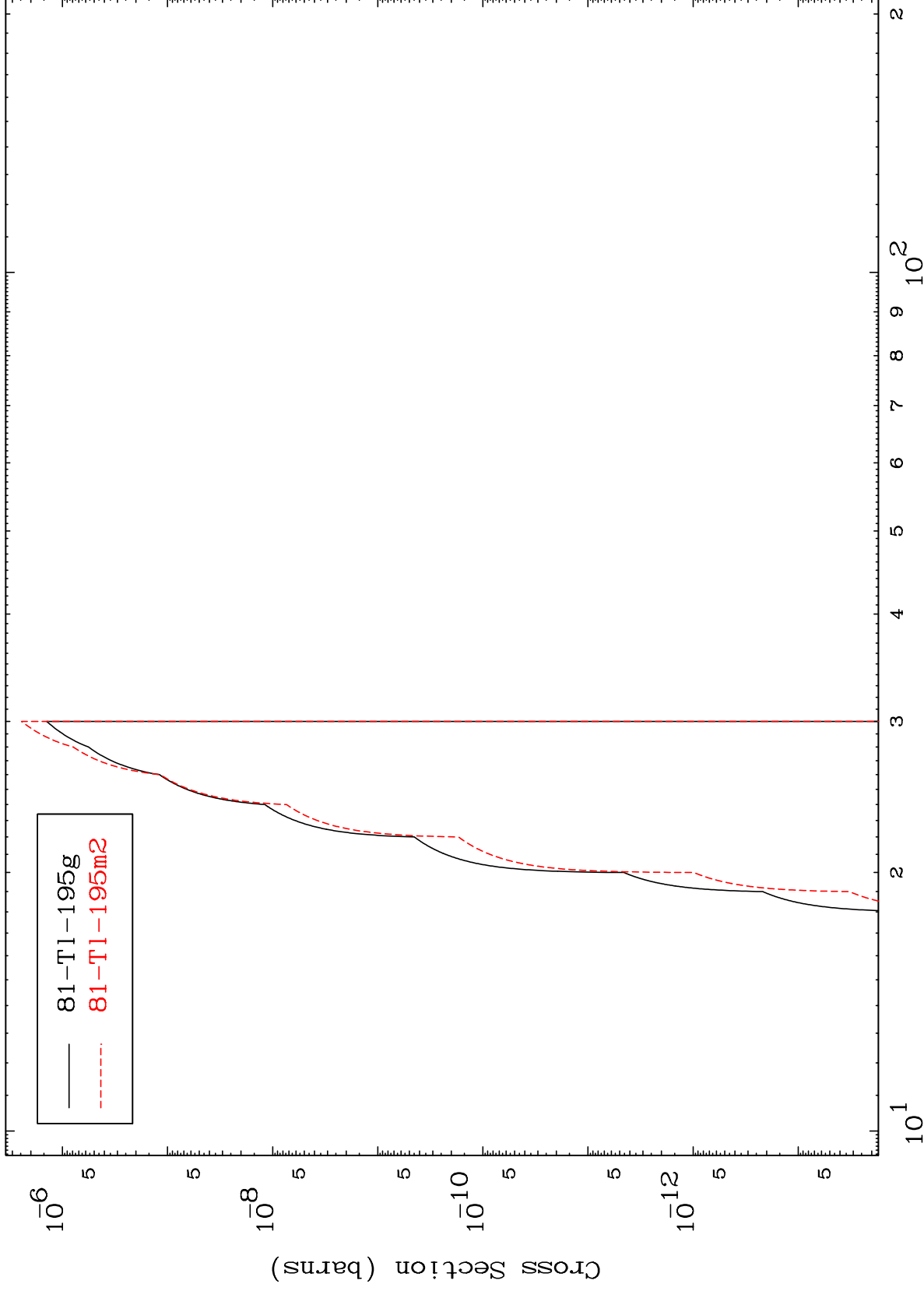
80-Hg-193g  
80-Hg-193m3

MAT 8204

(n,p) d

82-Pb-197

Radionuclide Production Cross Section



31

Incident Energy (MeV)

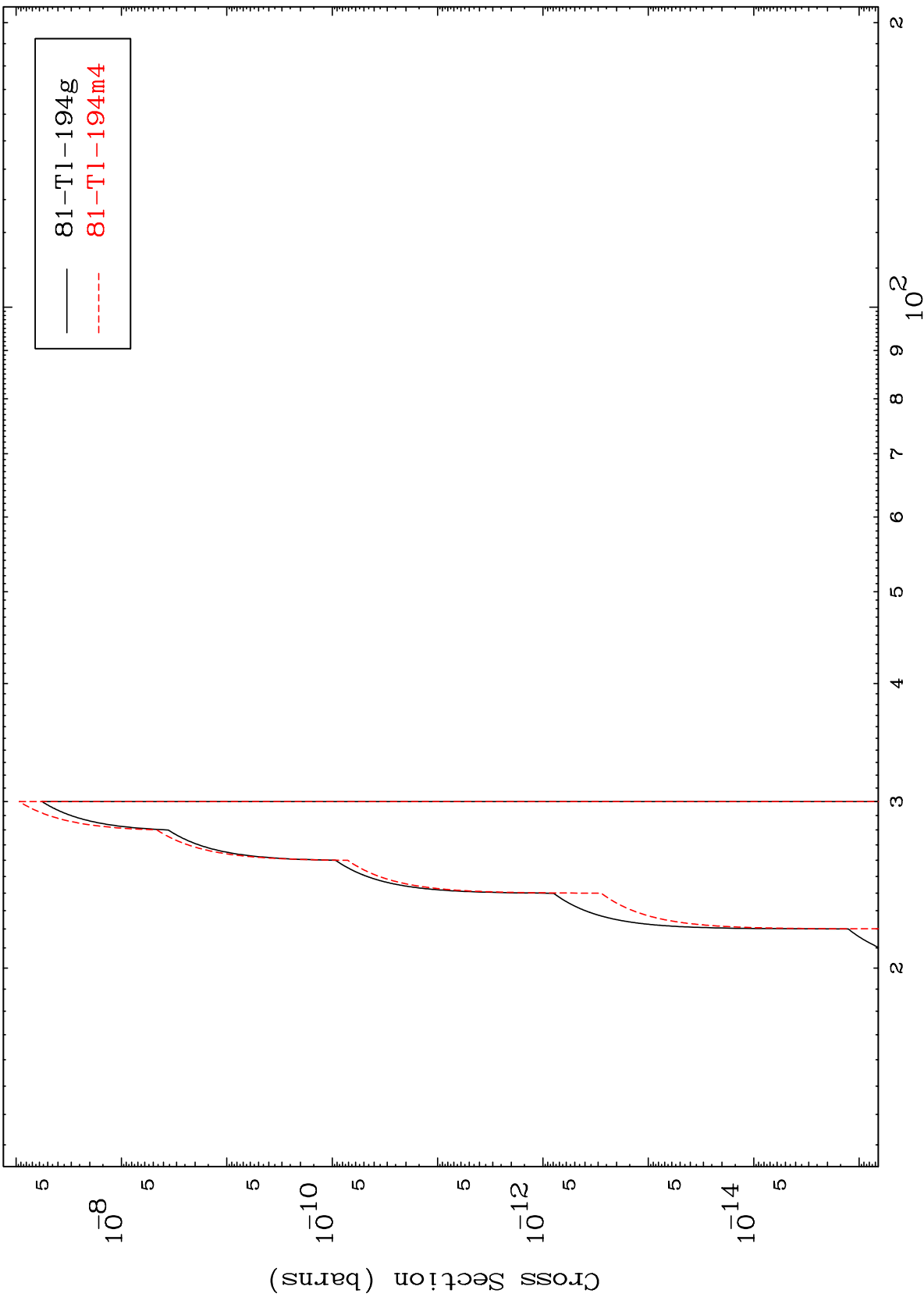
82-Pb-197

MAT 8204

(n,p) t

82-Pb-197

Radionuclide Production Cross Section



81-Tl-194g  
81-Tl-194m4

32

Incident Energy (MeV)

82-Pb-197