

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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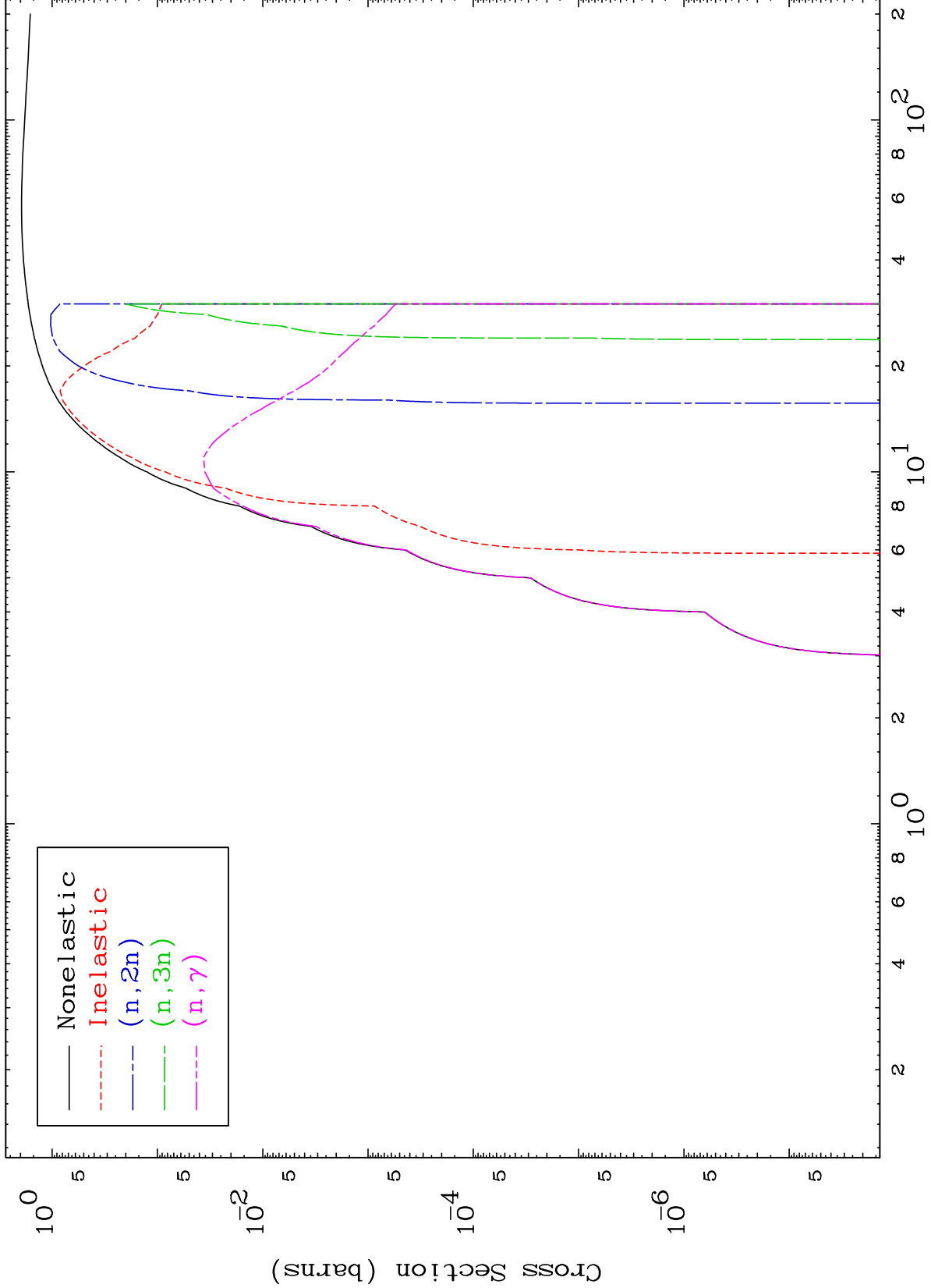
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

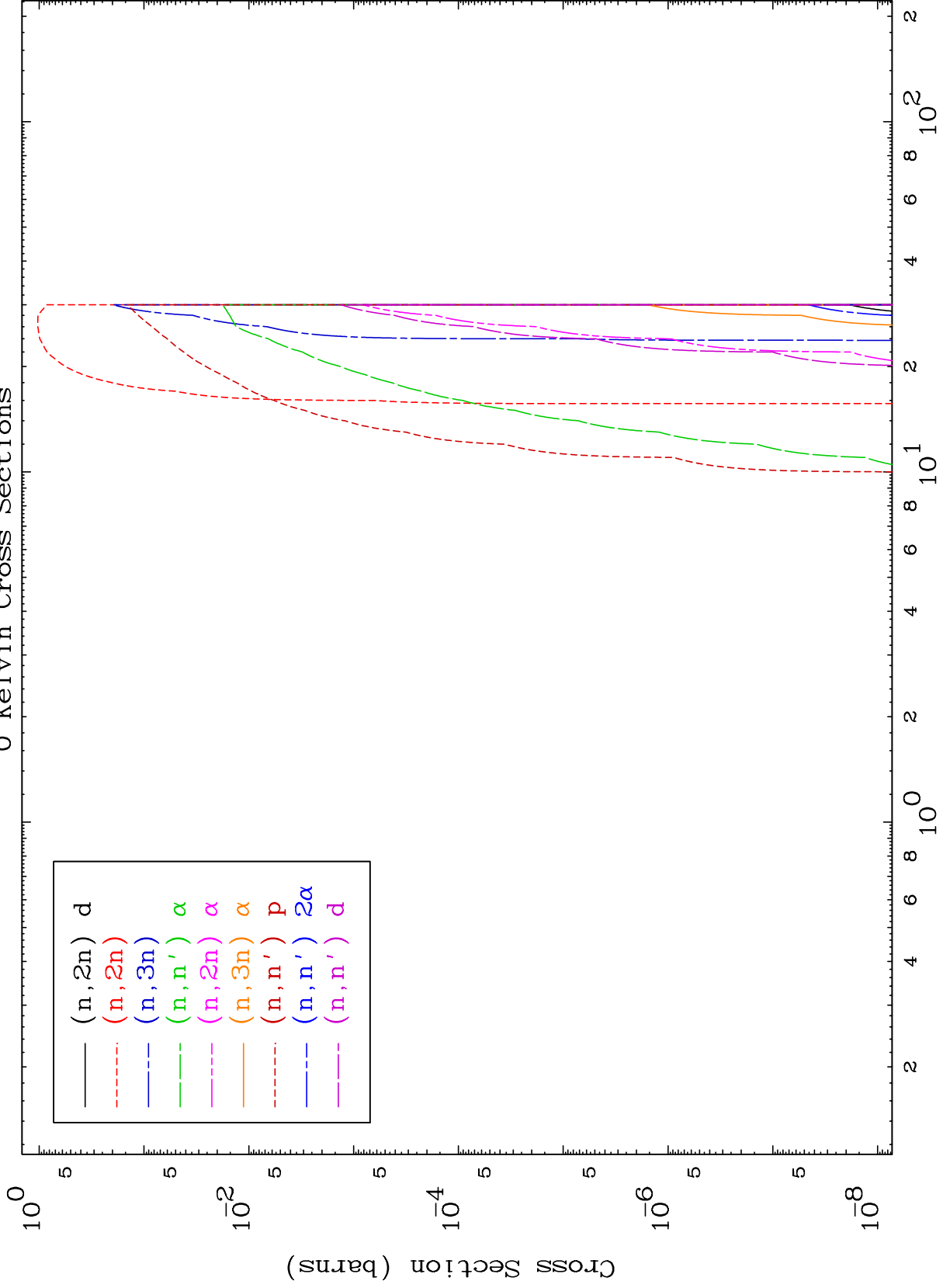
0 Kelvin Cross Sections

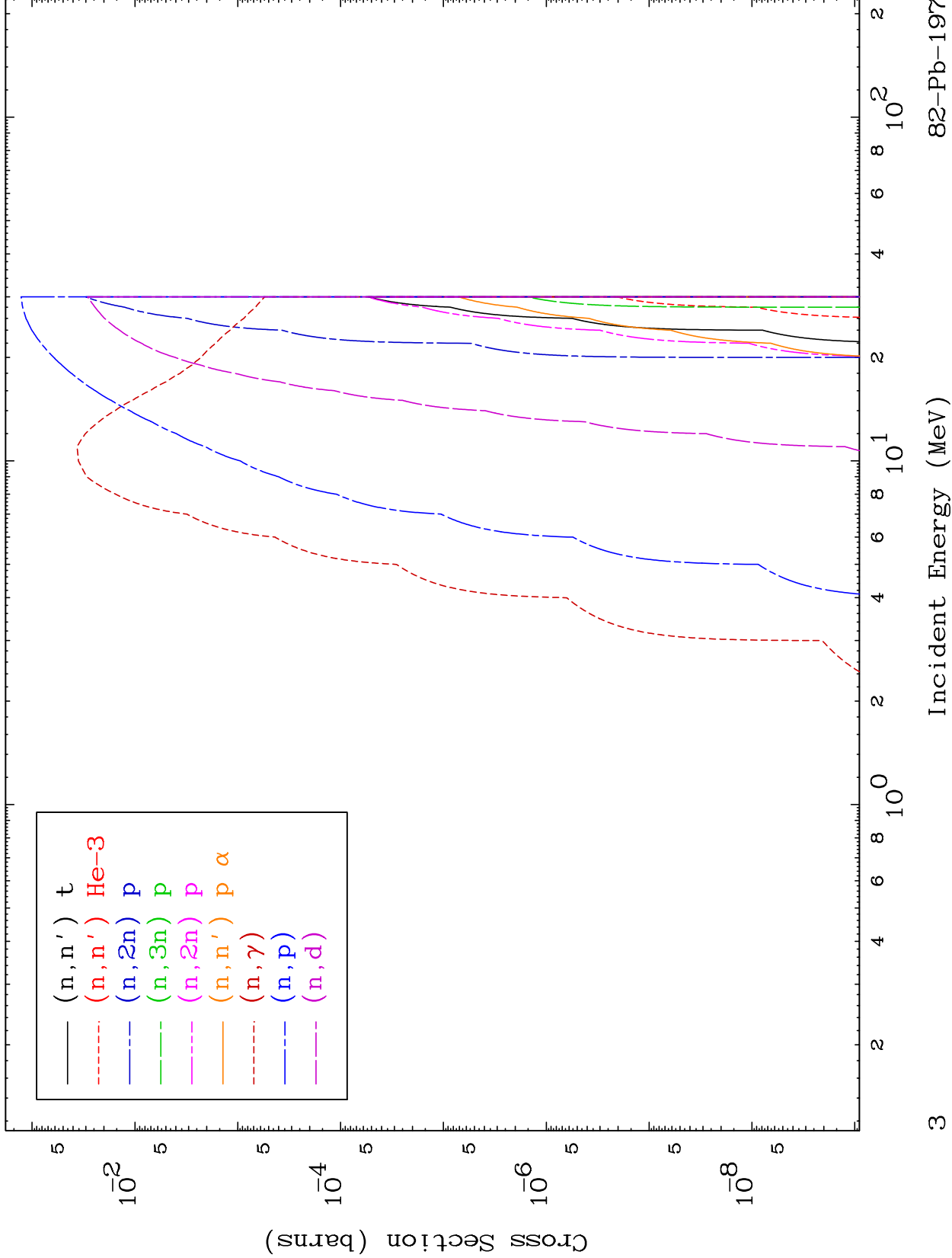


MAT 8204

Proton Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-197

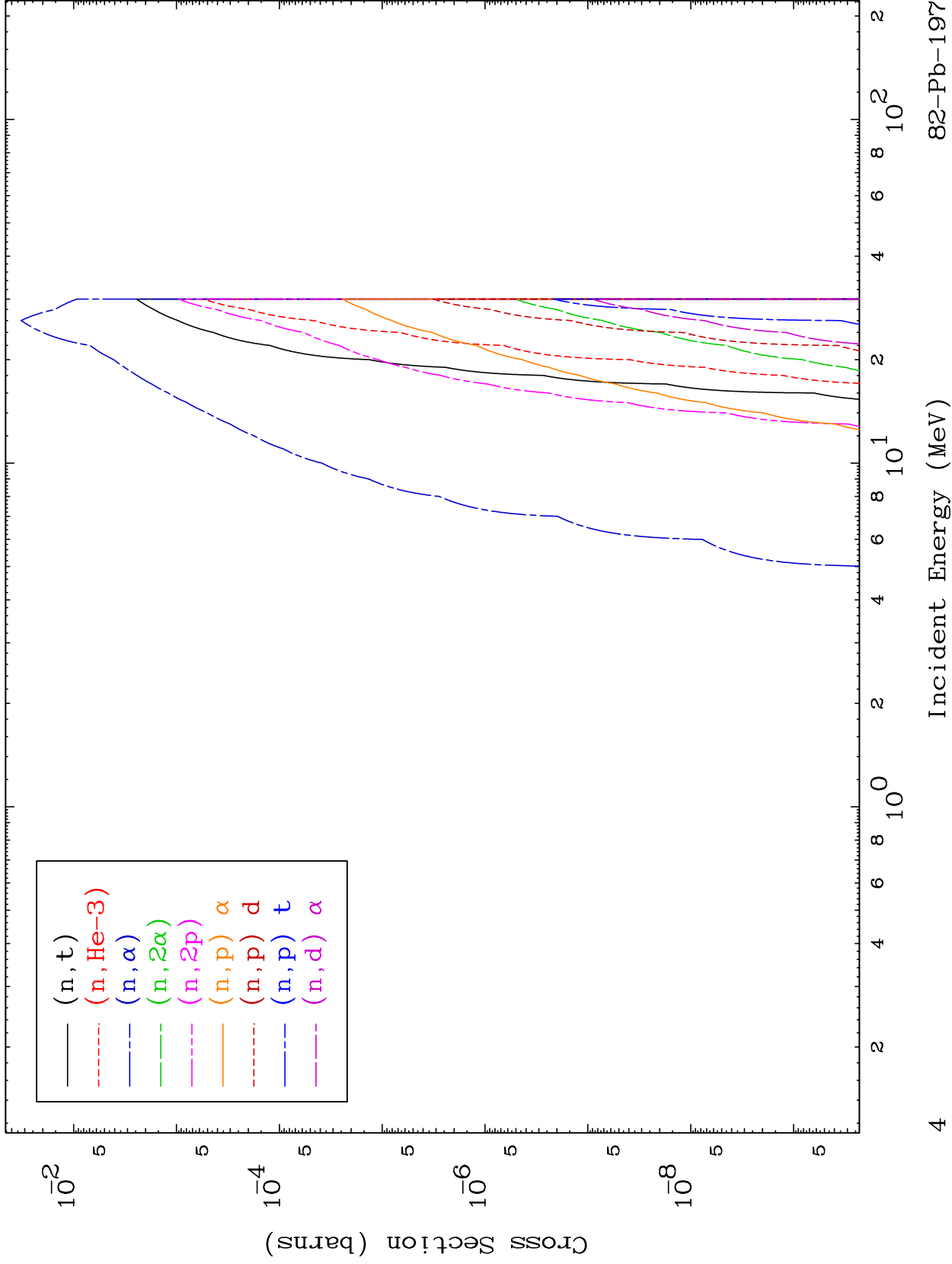


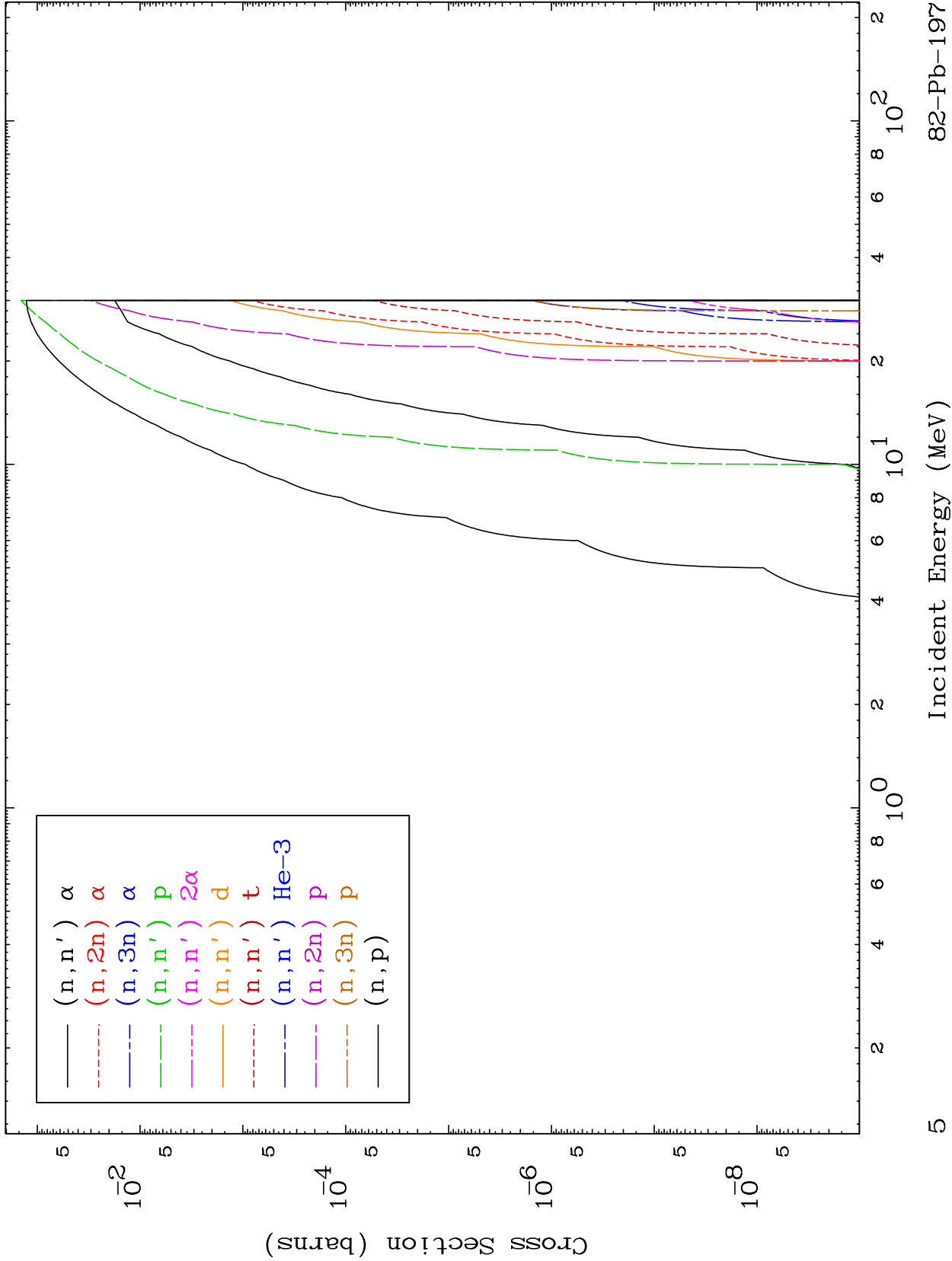


MAT 8204

Proton Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-197

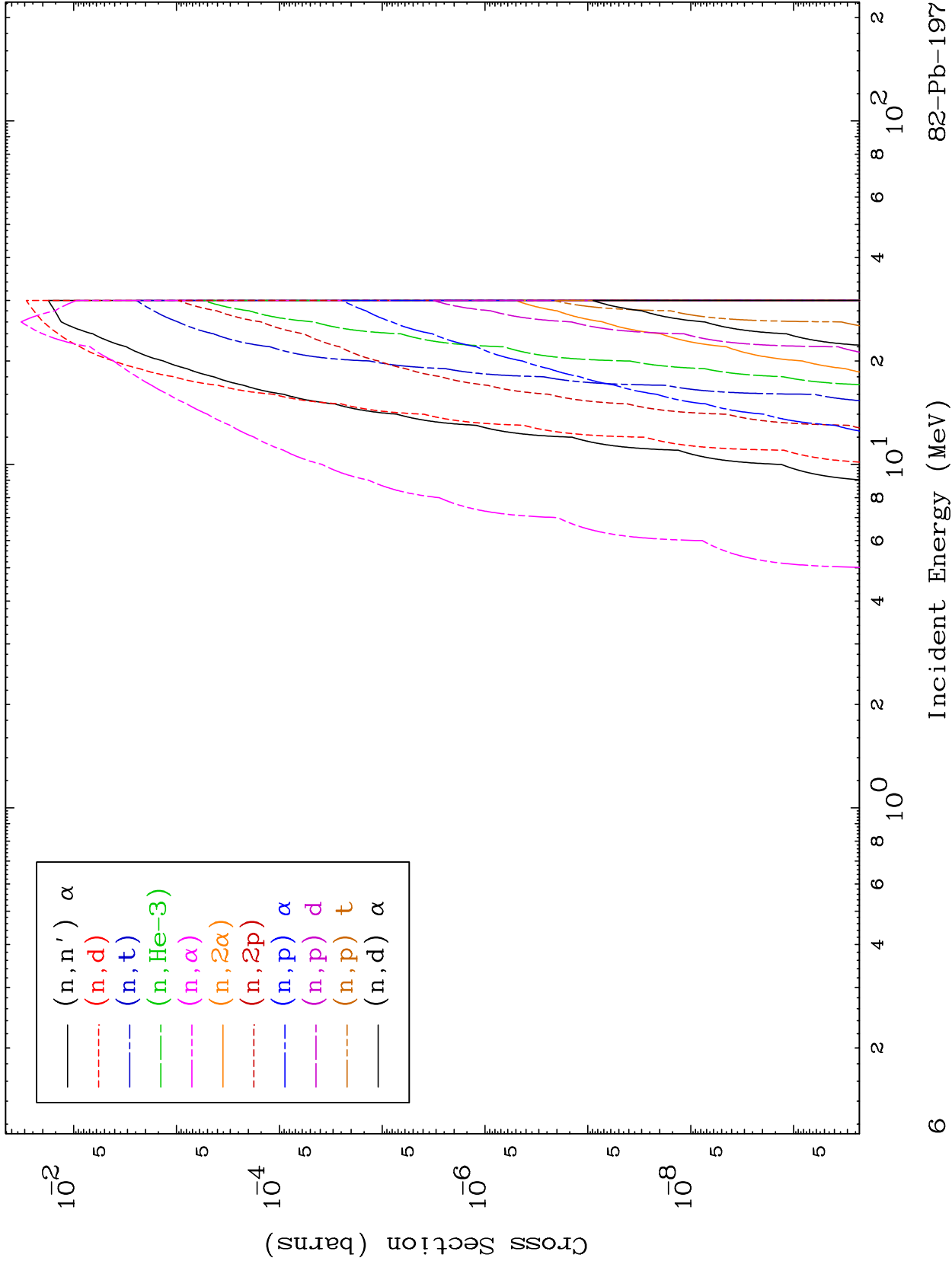




MAT 8204

Proton Charged Particle  
0 Kelvin Cross Sections

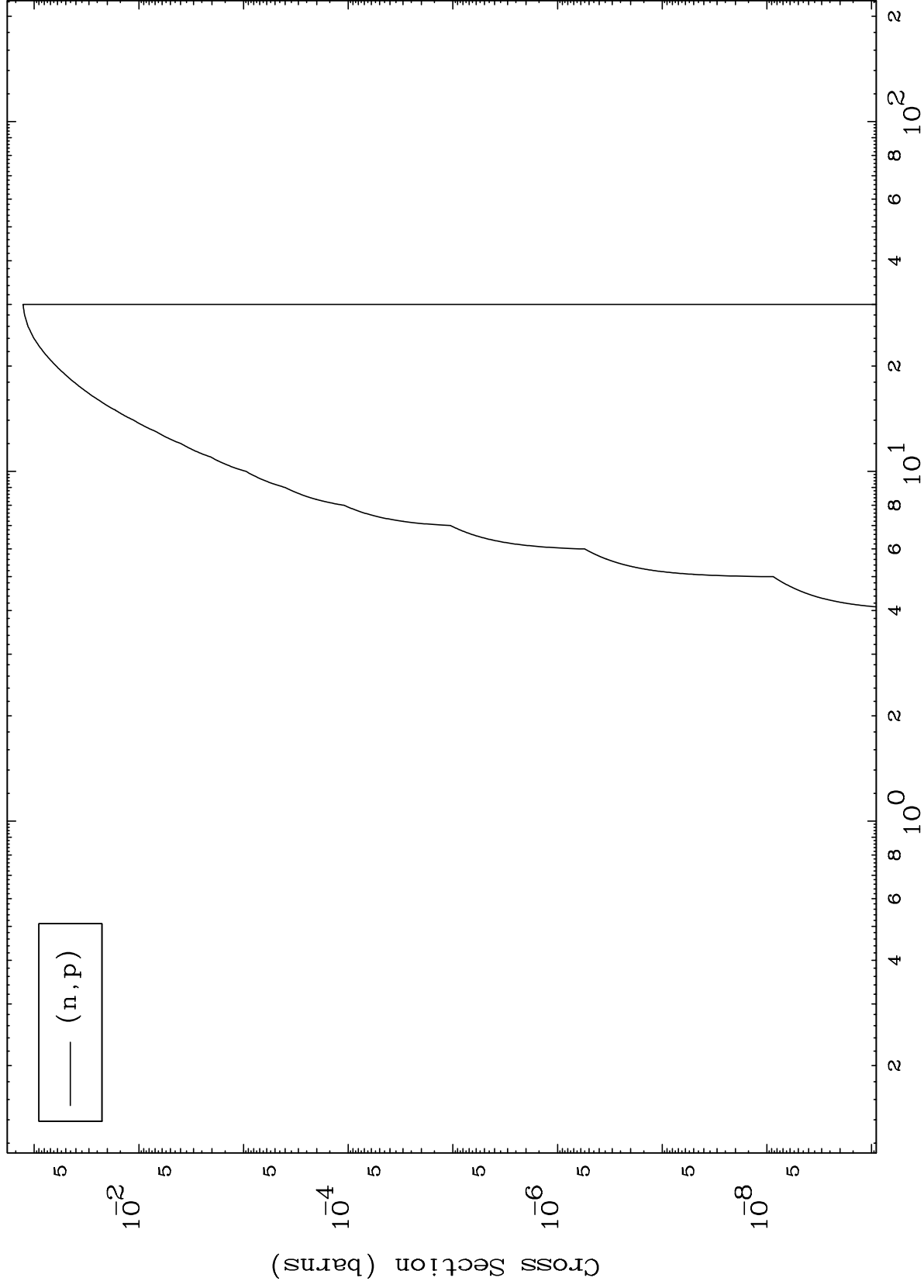
82-Pb-197



MAT 8204

(p,p) Levels  
0 Kelvin Cross Sections

82-Pb-197



7

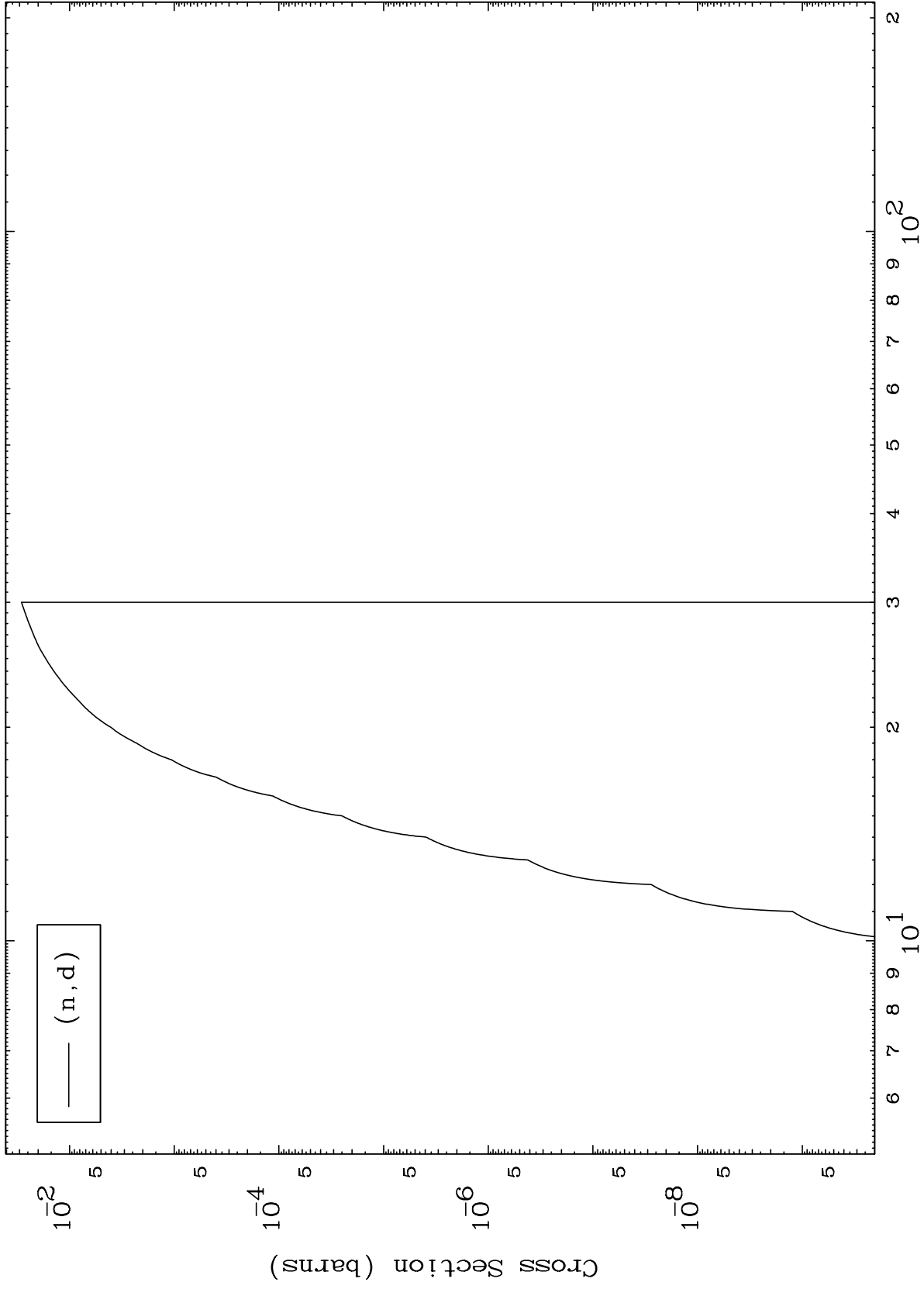
Incident Energy (MeV)

82-Pb-197

MAT 8204

(p,d) Levels  
0 Kelvin Cross Sections

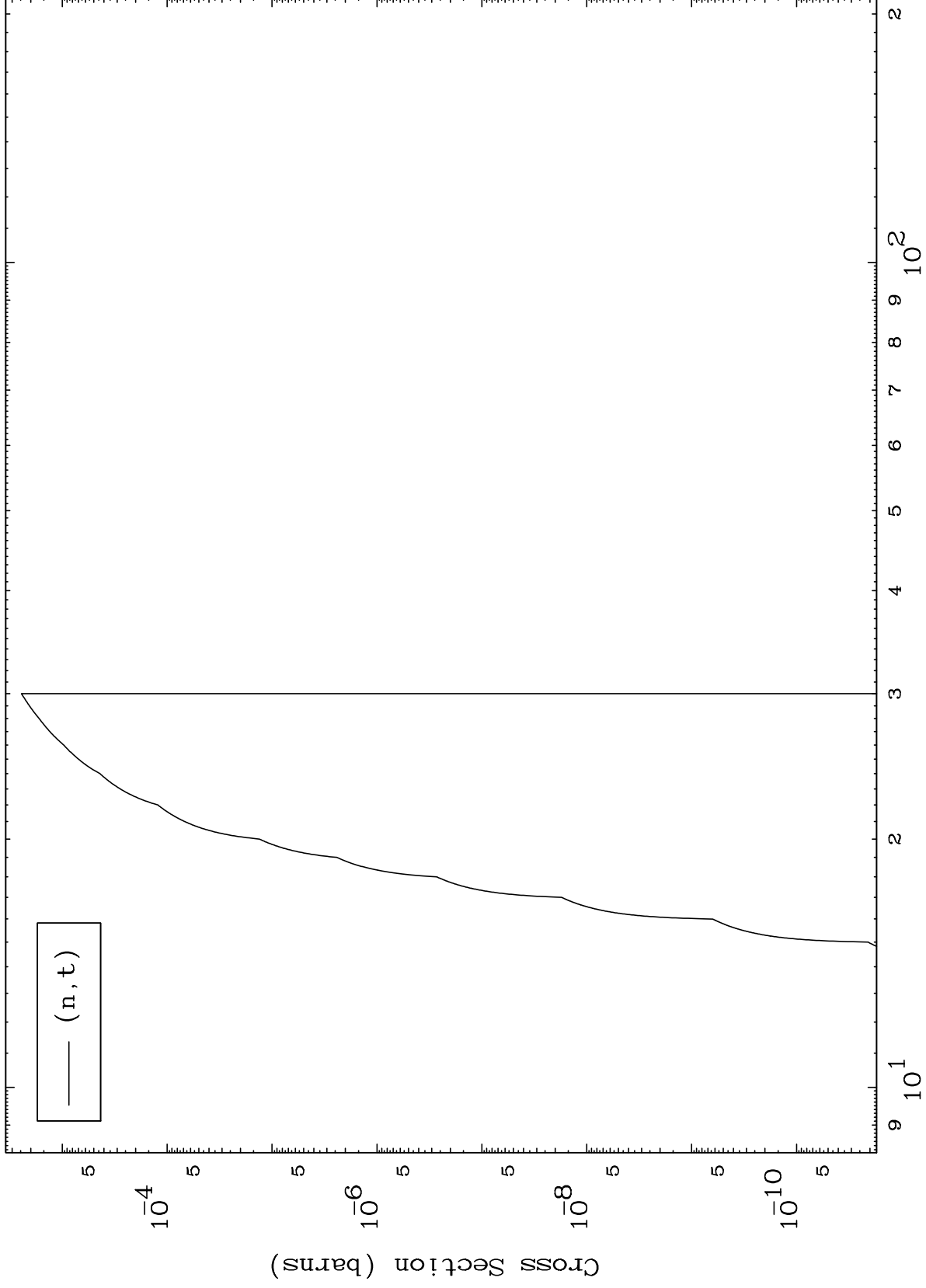
82-Pb-197



MAT 8204

(p,t) Levels  
0 Kelvin Cross Sections

82-Pb-197



9

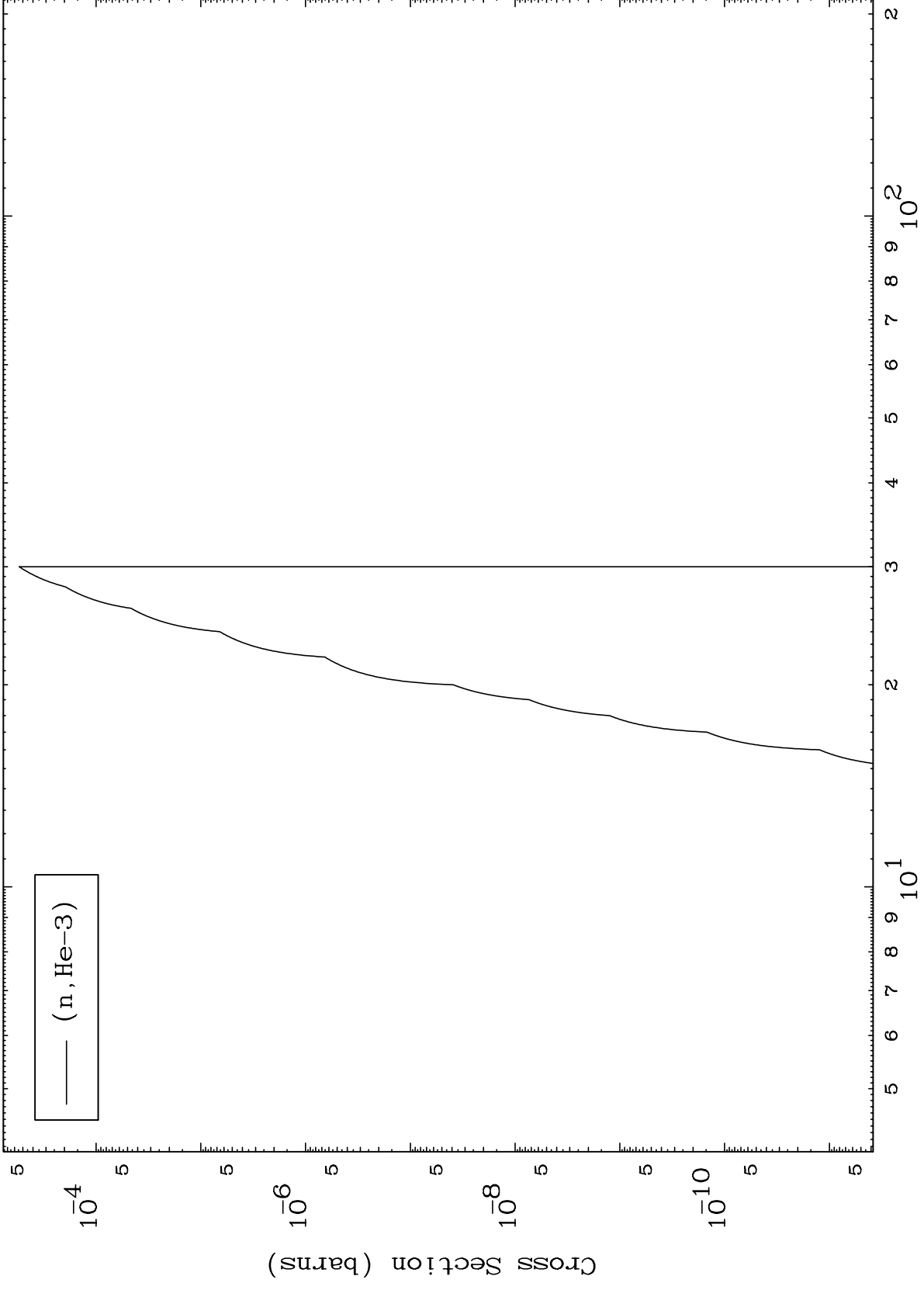
Incident Energy (MeV)

82-Pb-197

MAT 8204

(p,He3) Levels  
0 Kelvin Cross Sections

82-Pb-197



10

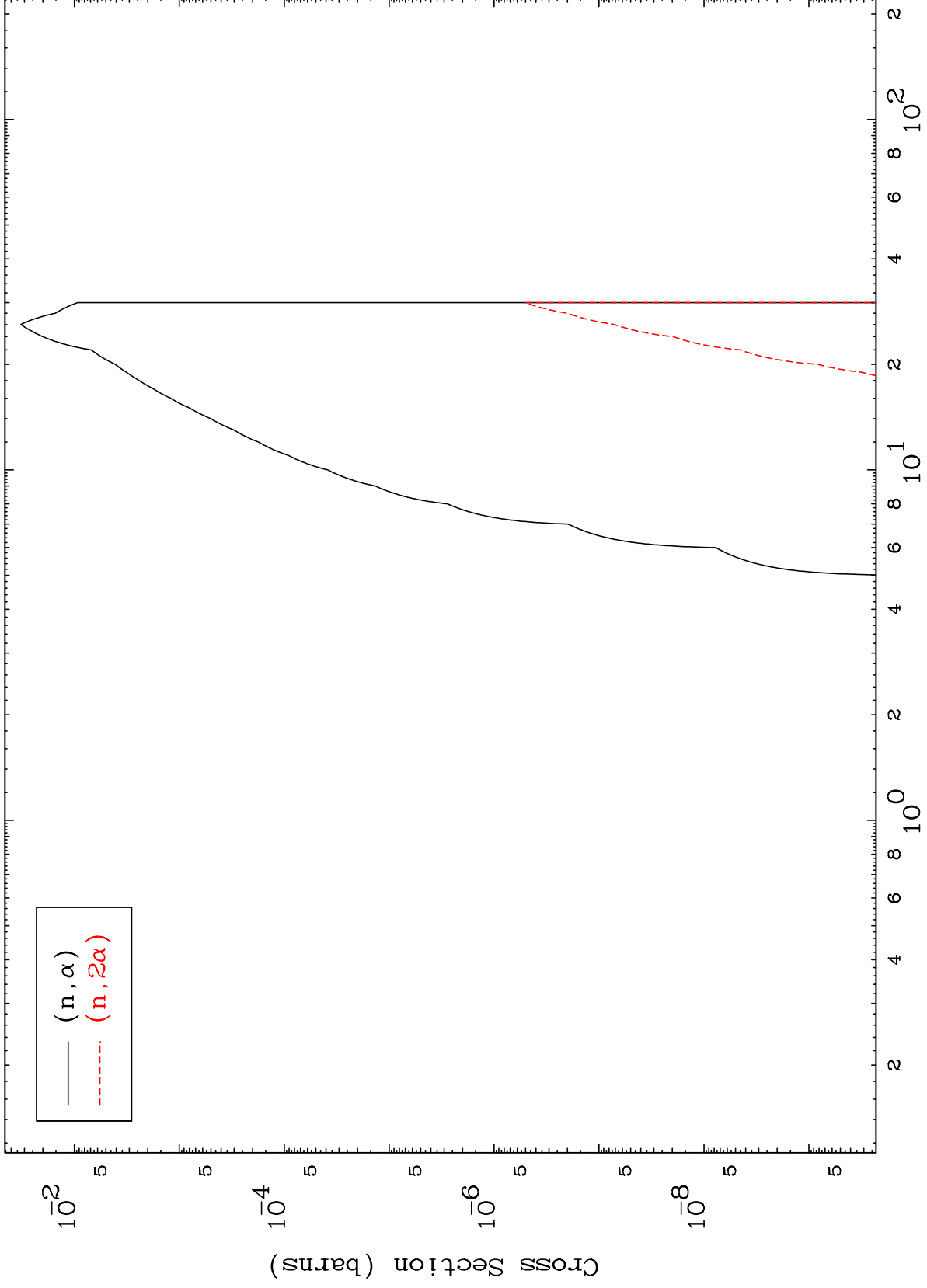
Incident Energy (MeV)

82-Pb-197

MAT 8204

(p,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

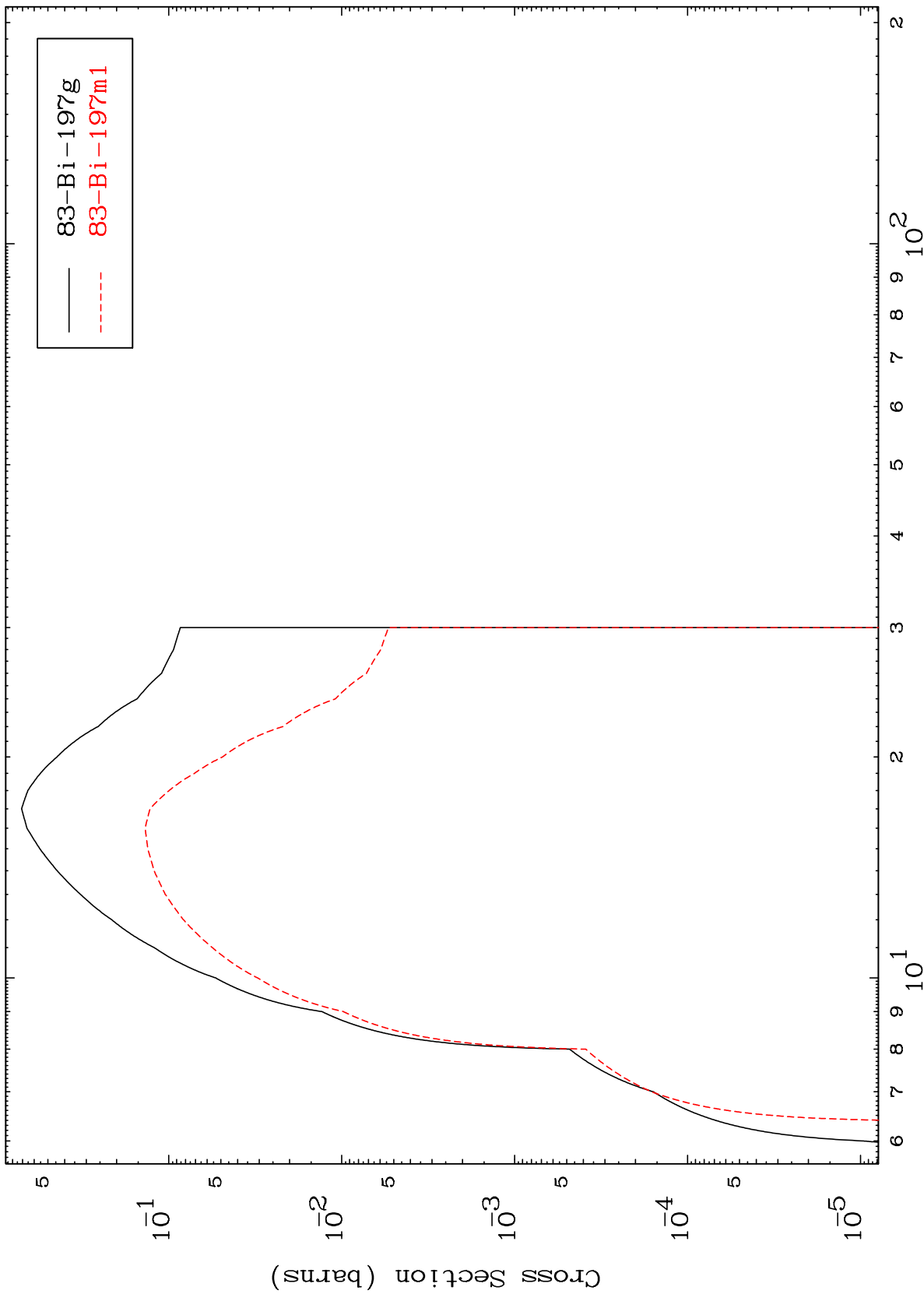
82-Pb-197



MAT 8204

82-Pb-197

Inelastic  
Radionuclide Production Cross Section

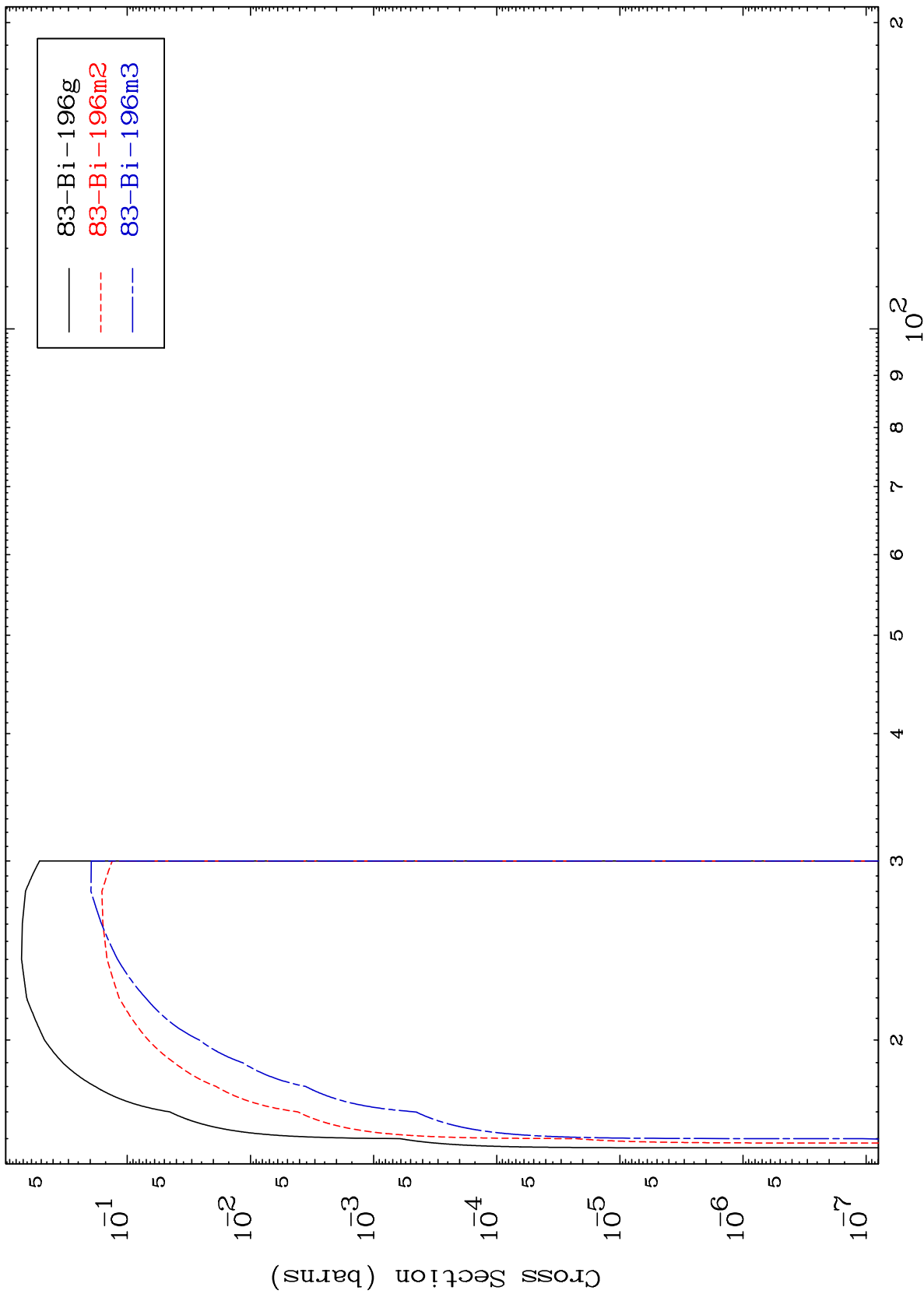


82-Pb-197

Incident Energy (MeV)

12

(n,2n)  
Radionuclide Production Cross Section

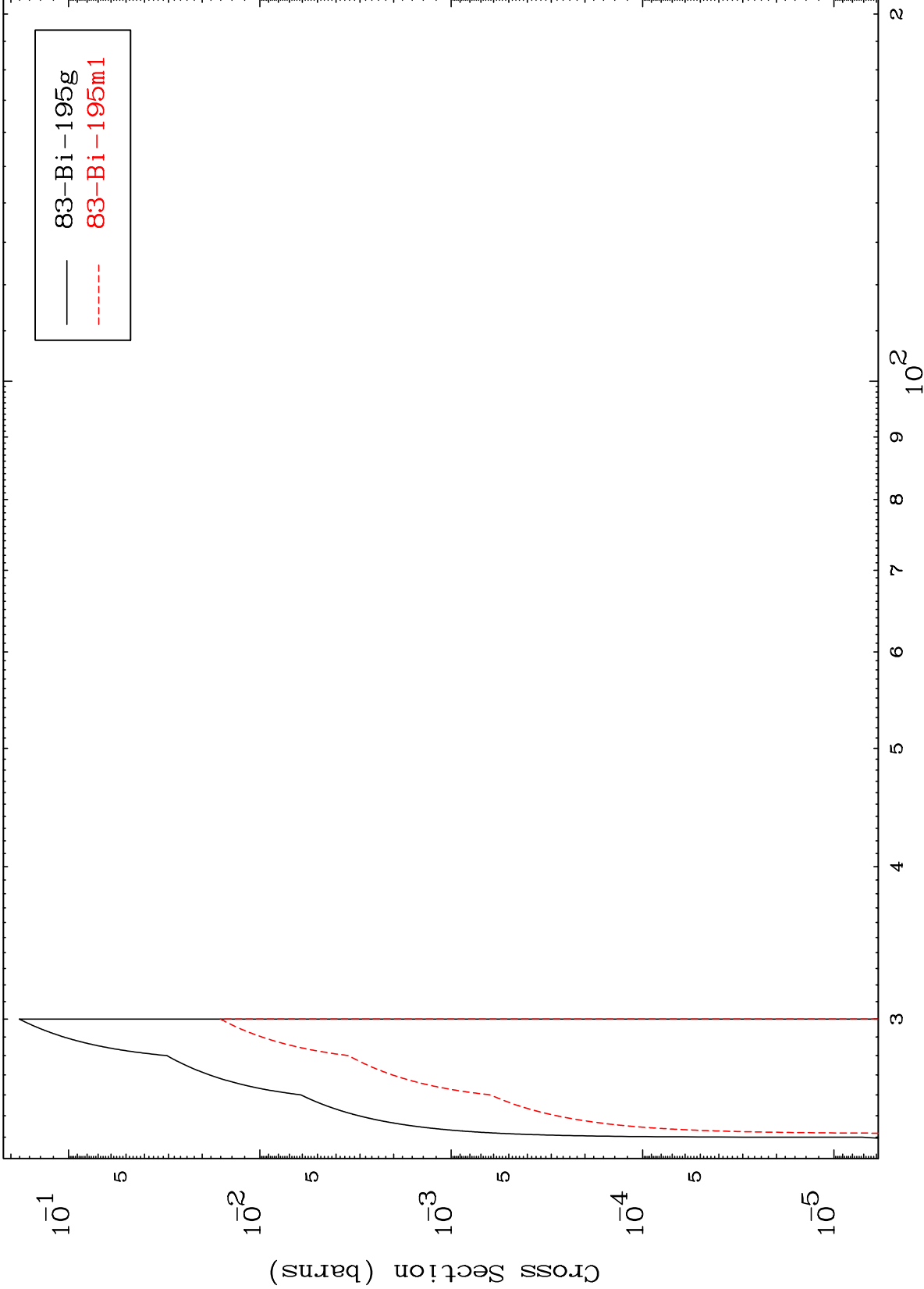


MAT 8204

(n,3n)

82-Pb-197

Radionuclide Production Cross Section



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

14

Incident Energy (MeV)

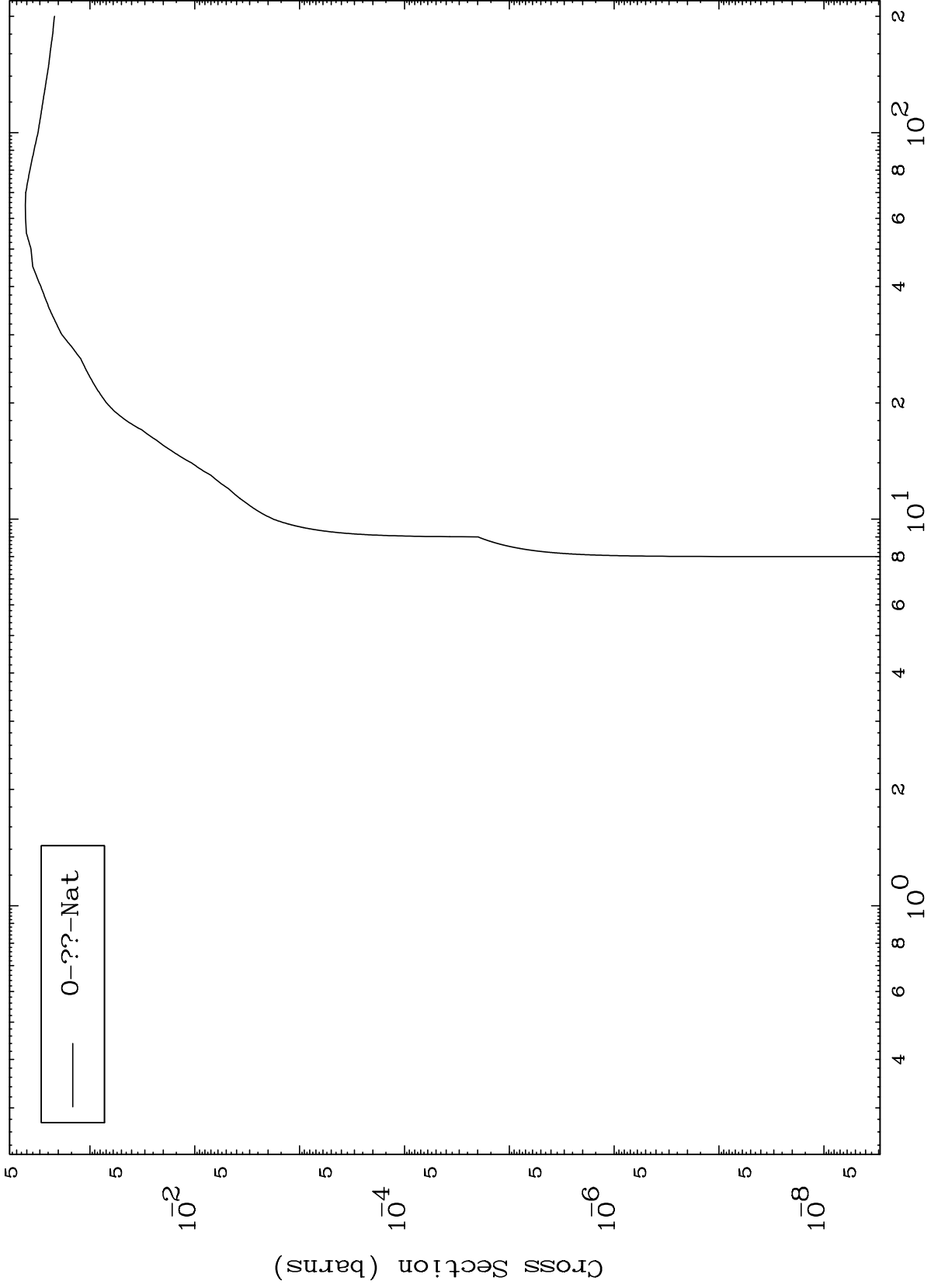
82-Pb-197

MAT 8204

Fission

82-Pb-197

Radionuclide Production Cross Section



15

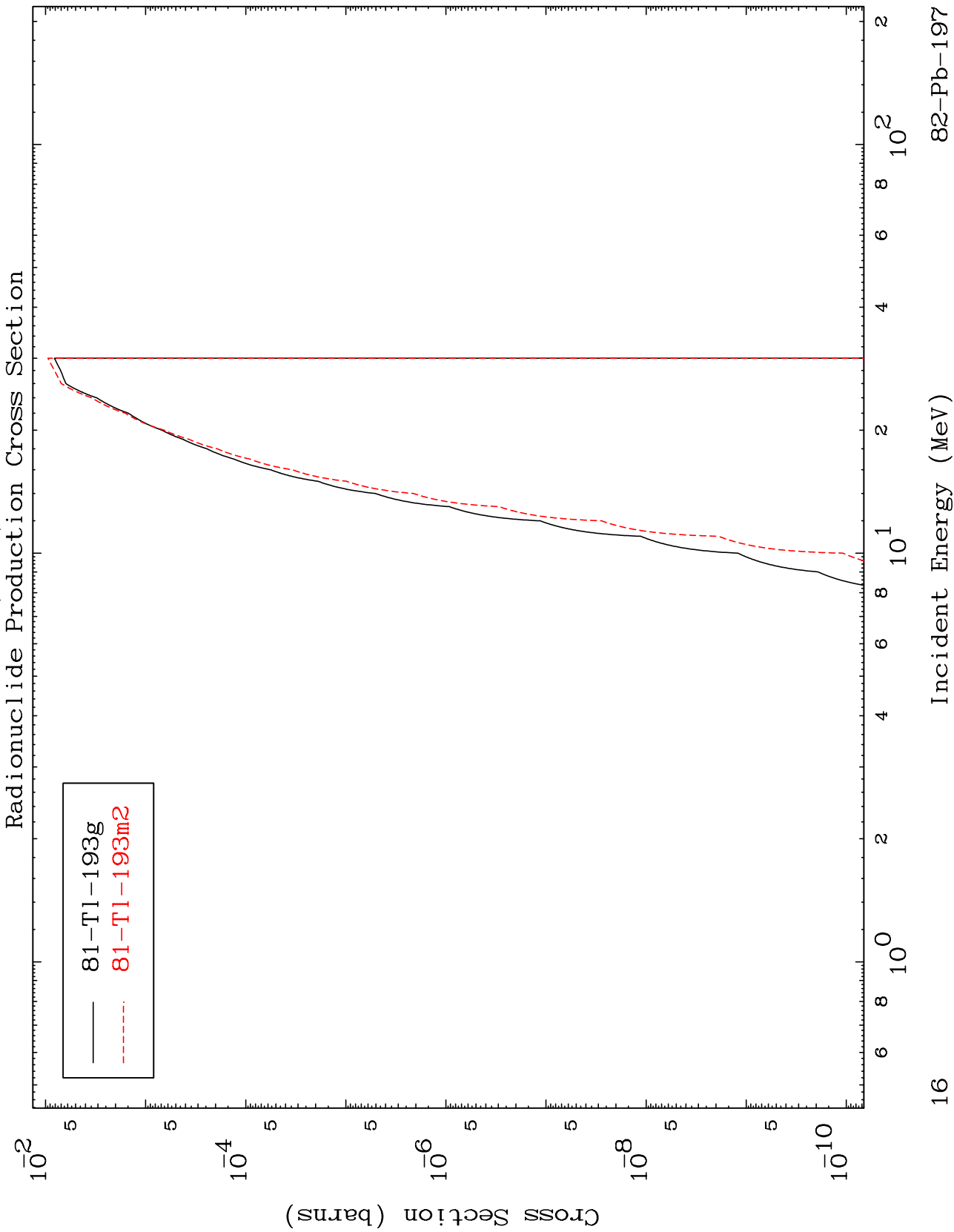
Incident Energy (MeV)

82-Pb-197

MAT 8204

(n,n')  $\alpha$

82-Pb-197

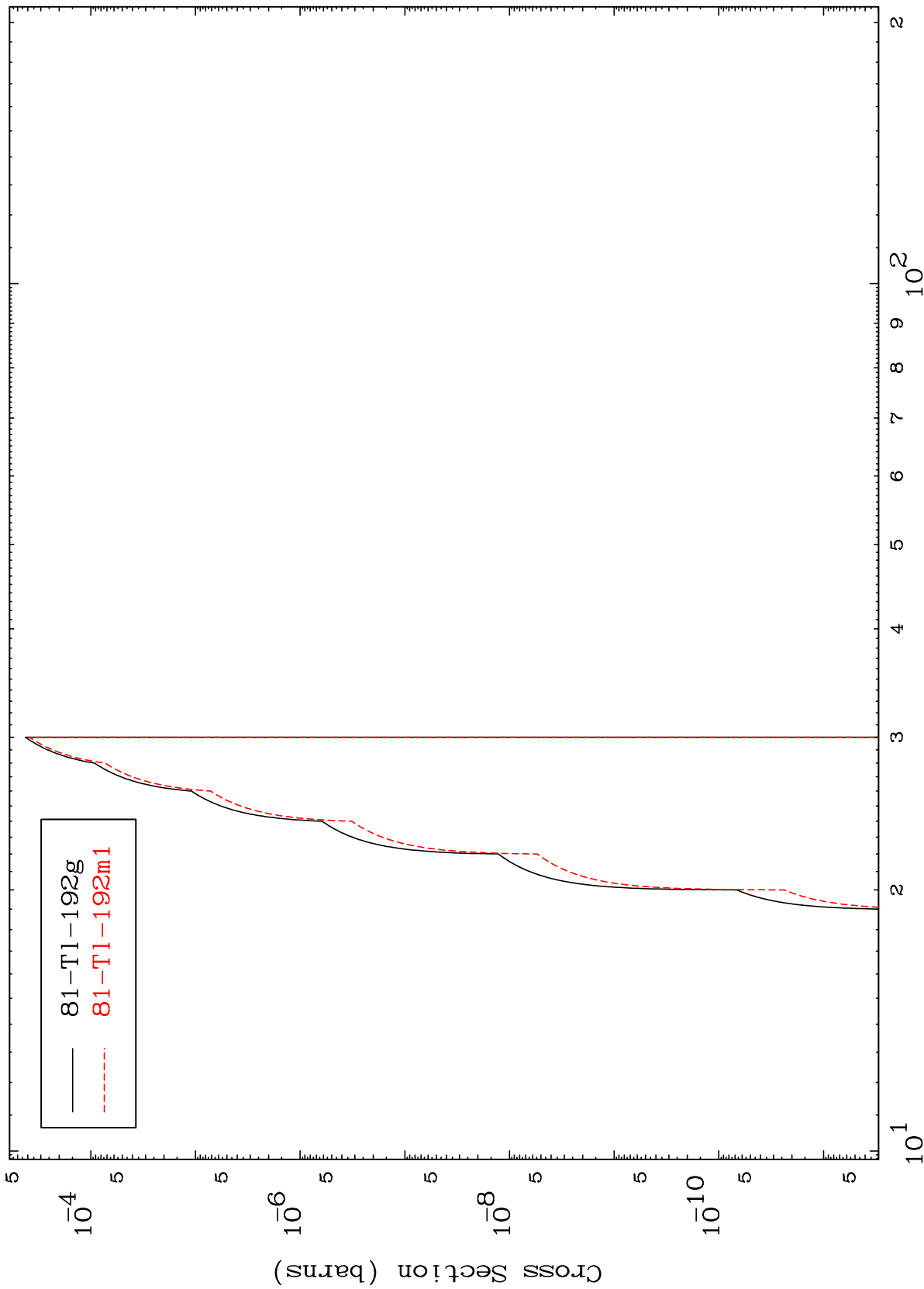


MAT 8204

(n,2n)  $\alpha$

82-Pb-197

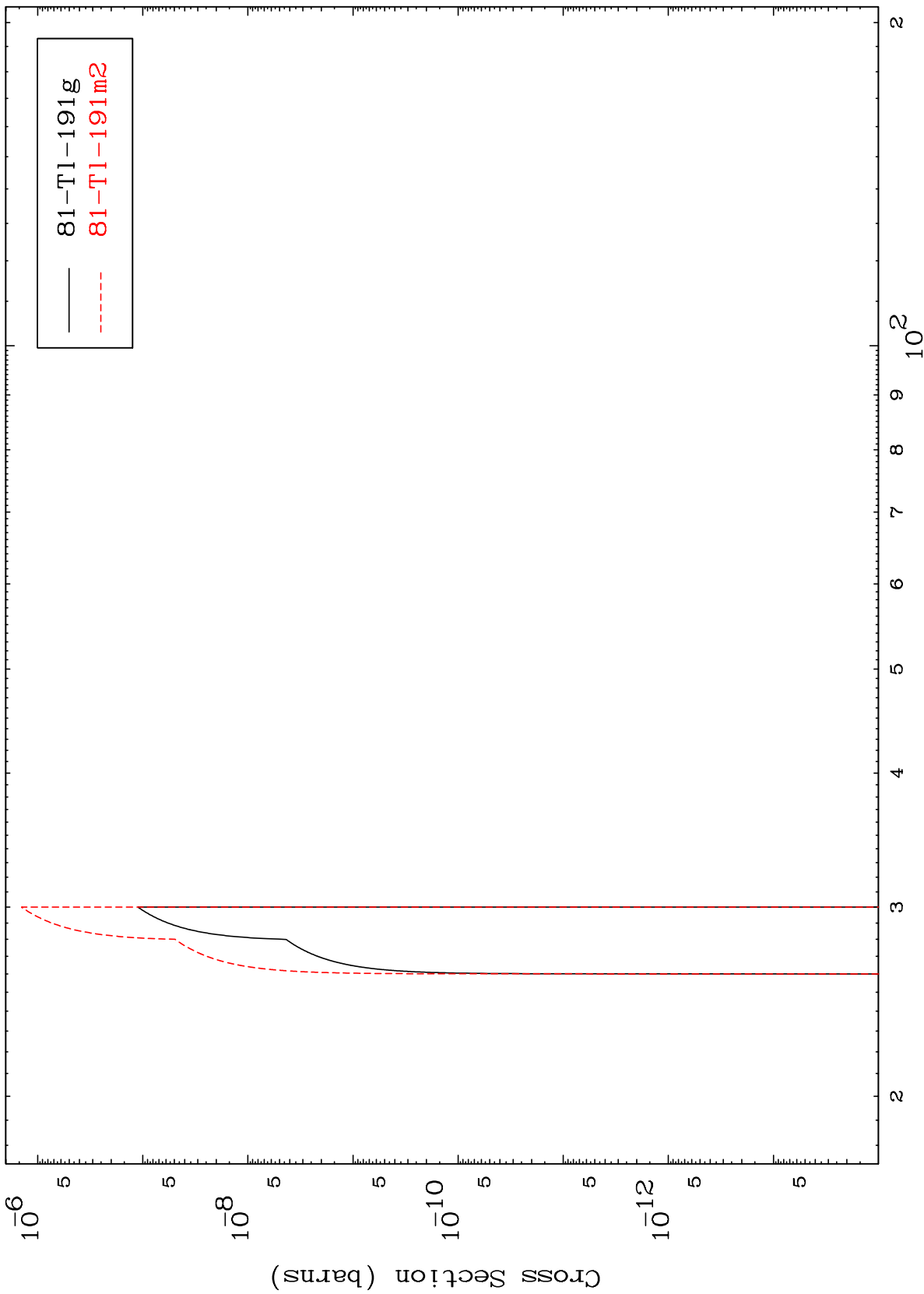
Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-197

Radionuclide Production Cross Section

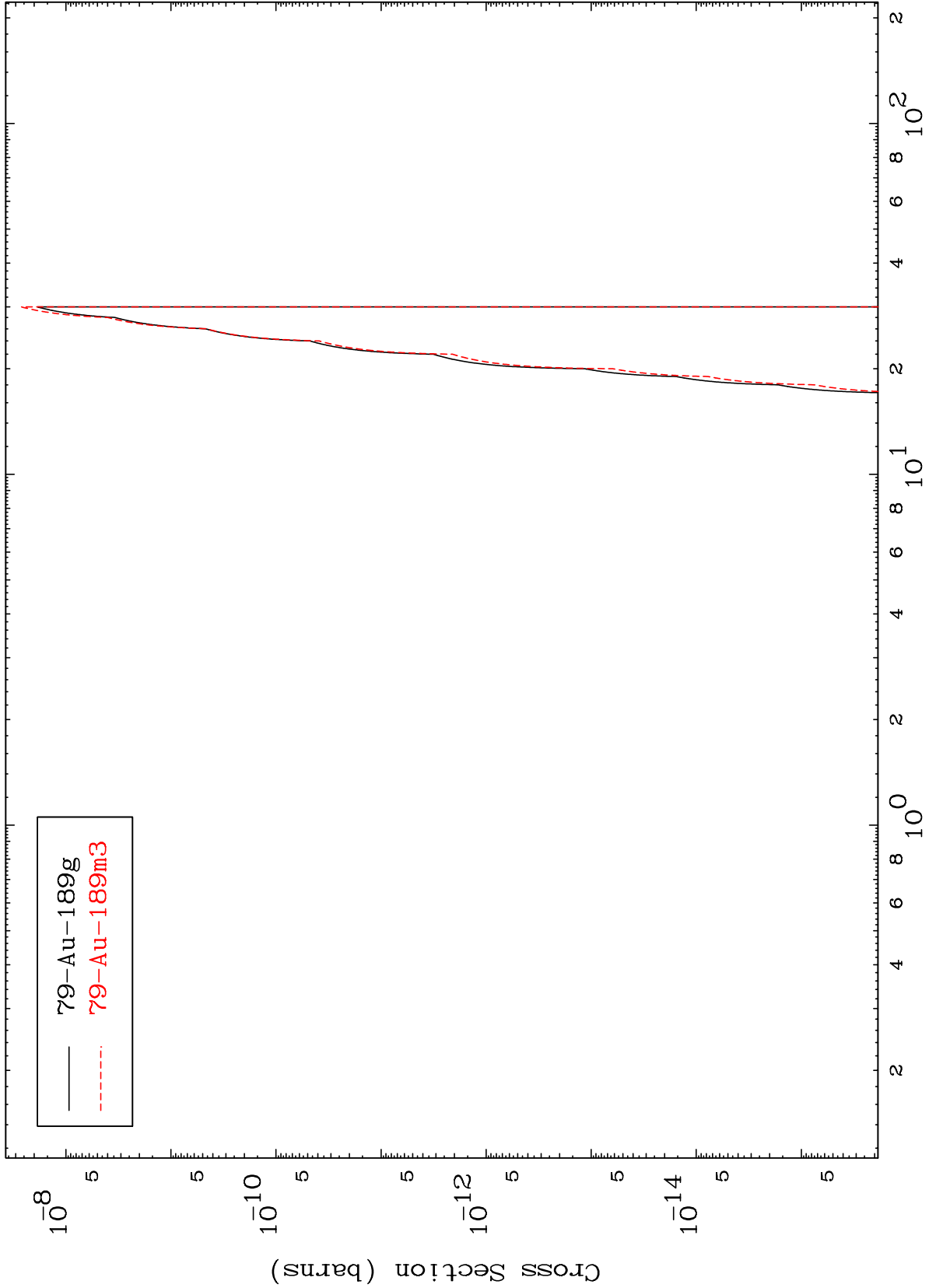


MAT 8204

(n,n') 2 $\alpha$

82-Pb-197

Radionuclide Production Cross Section

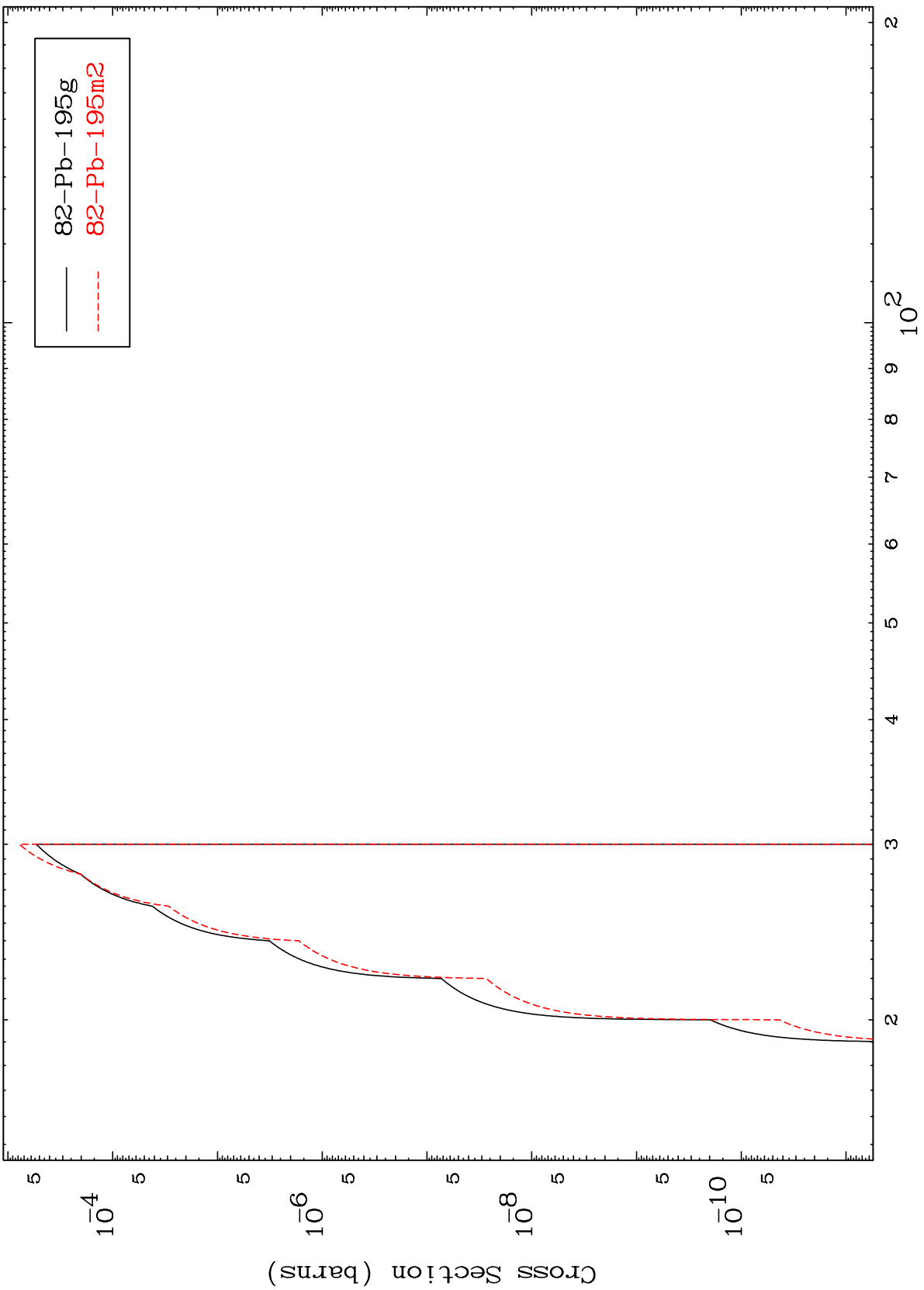


19

Incident Energy (MeV)

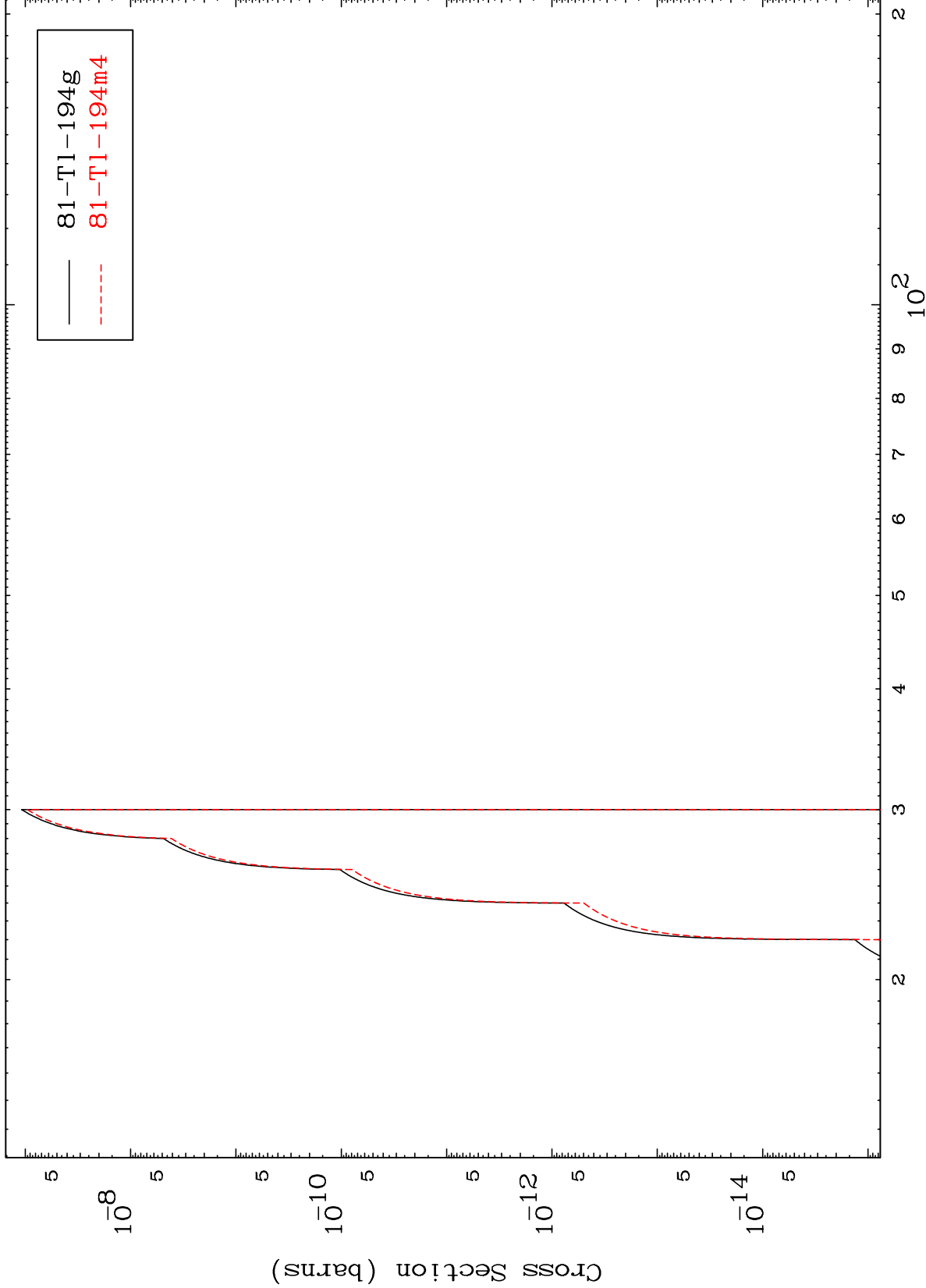
82-Pb-197

Radionuclide Production Cross Section

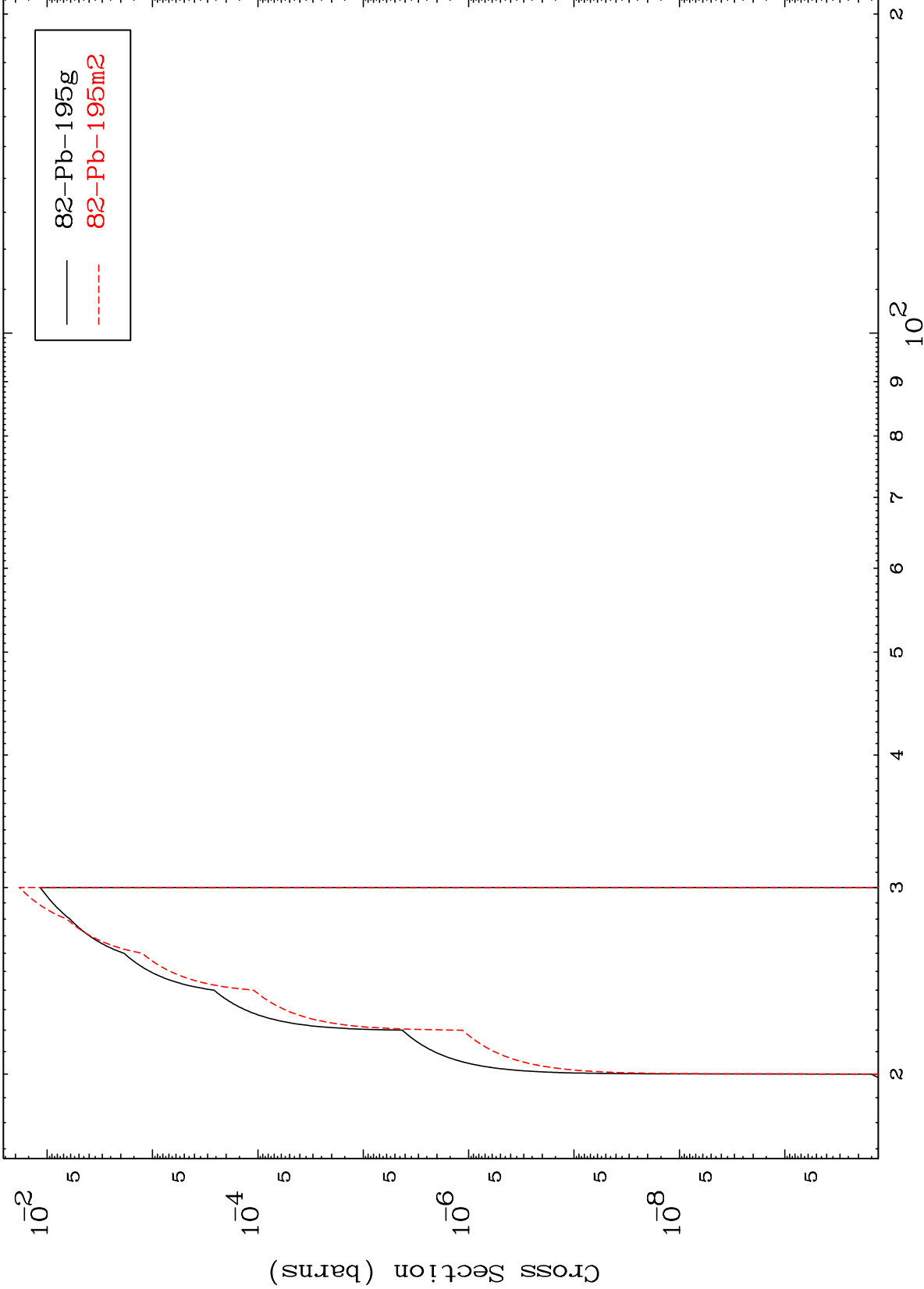


82-Pb-195g  
82-Pb-195m2

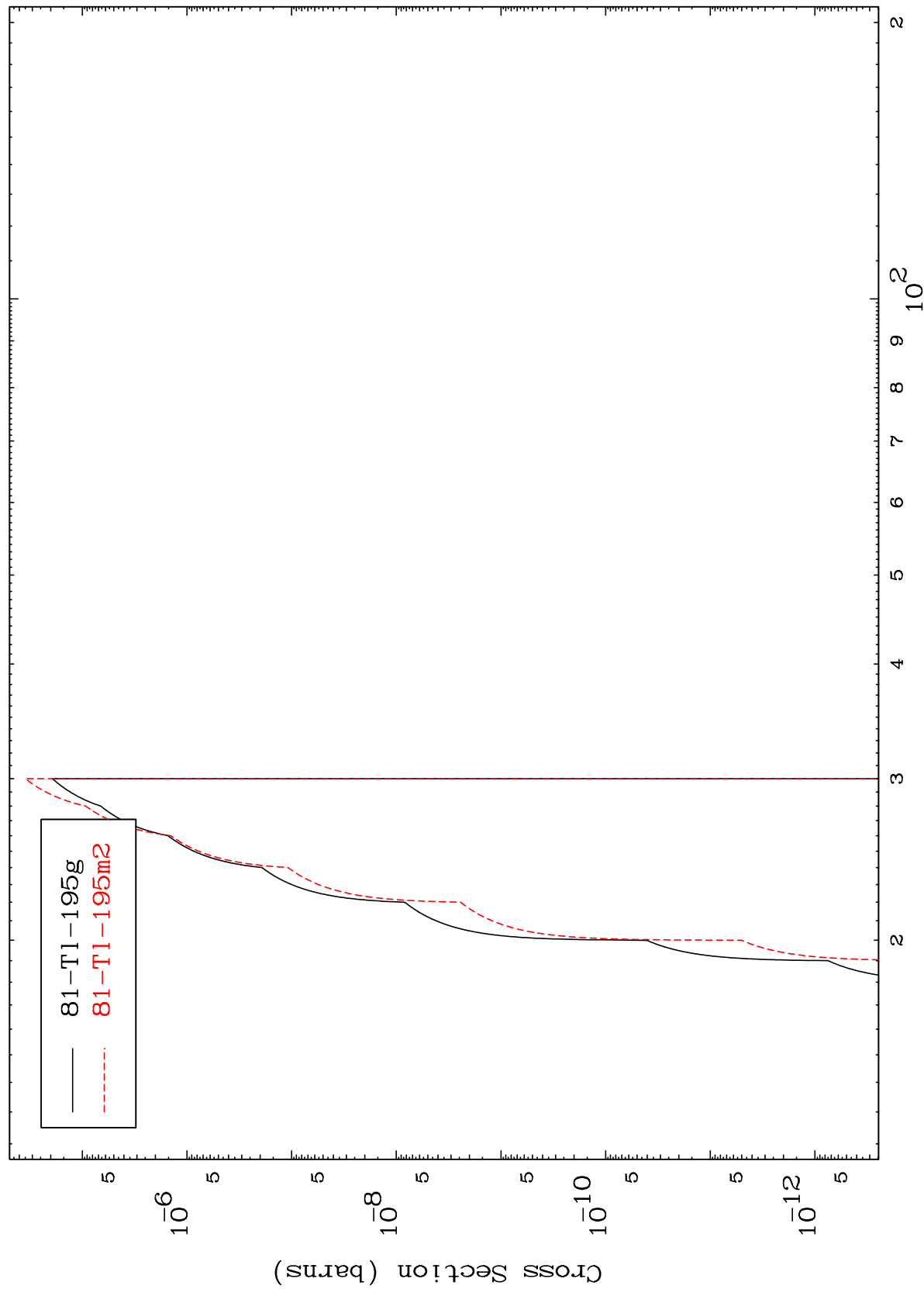
Radionuclide Production Cross Section



Radionuclide Production Cross Section



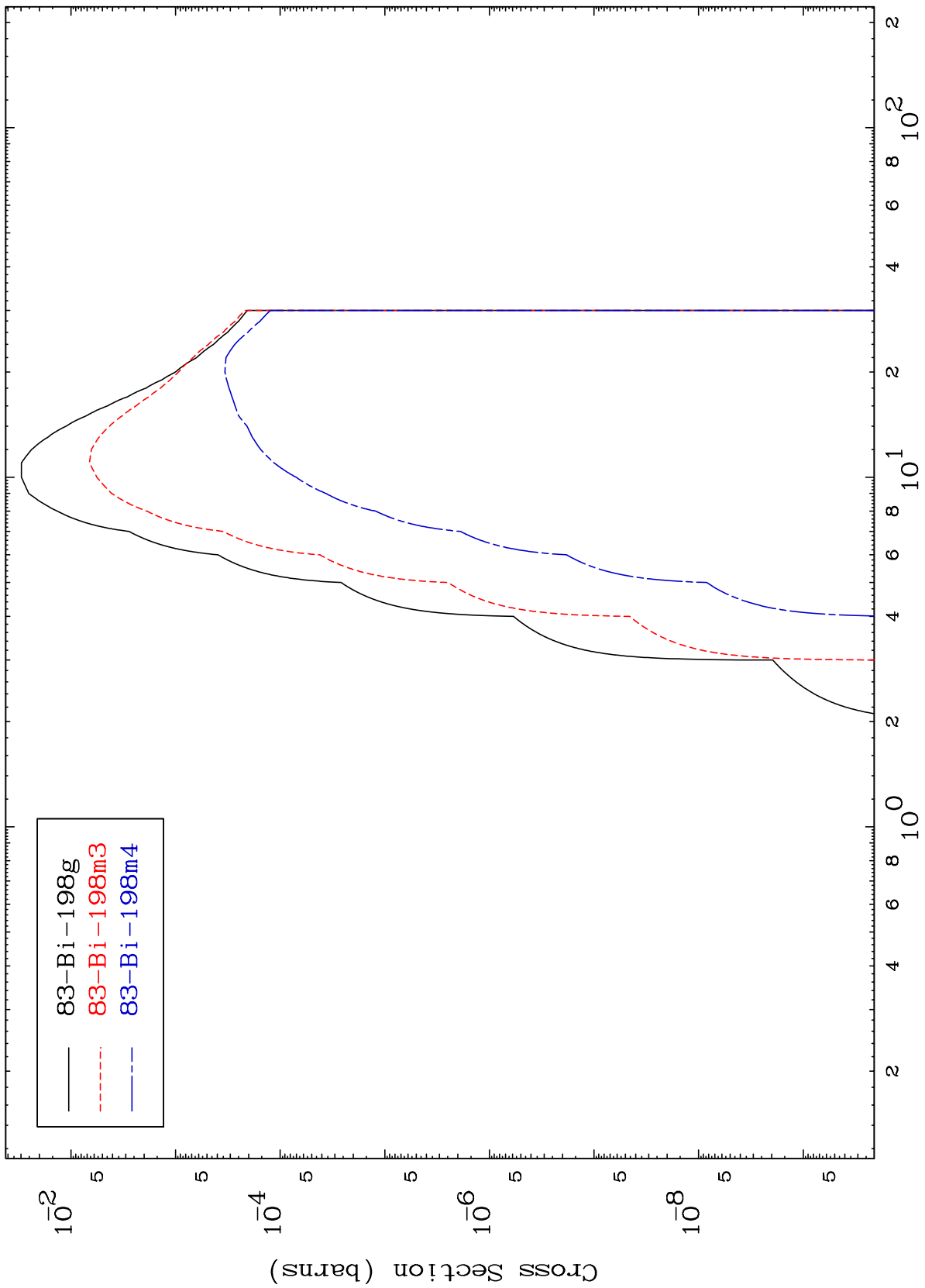
Radionuclide Production Cross Section



MAT 8204

82-Pb-197

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



— 83-Bi-198g  
- - - 83-Bi-198m3  
- · - 83-Bi-198m4

82-Pb-197

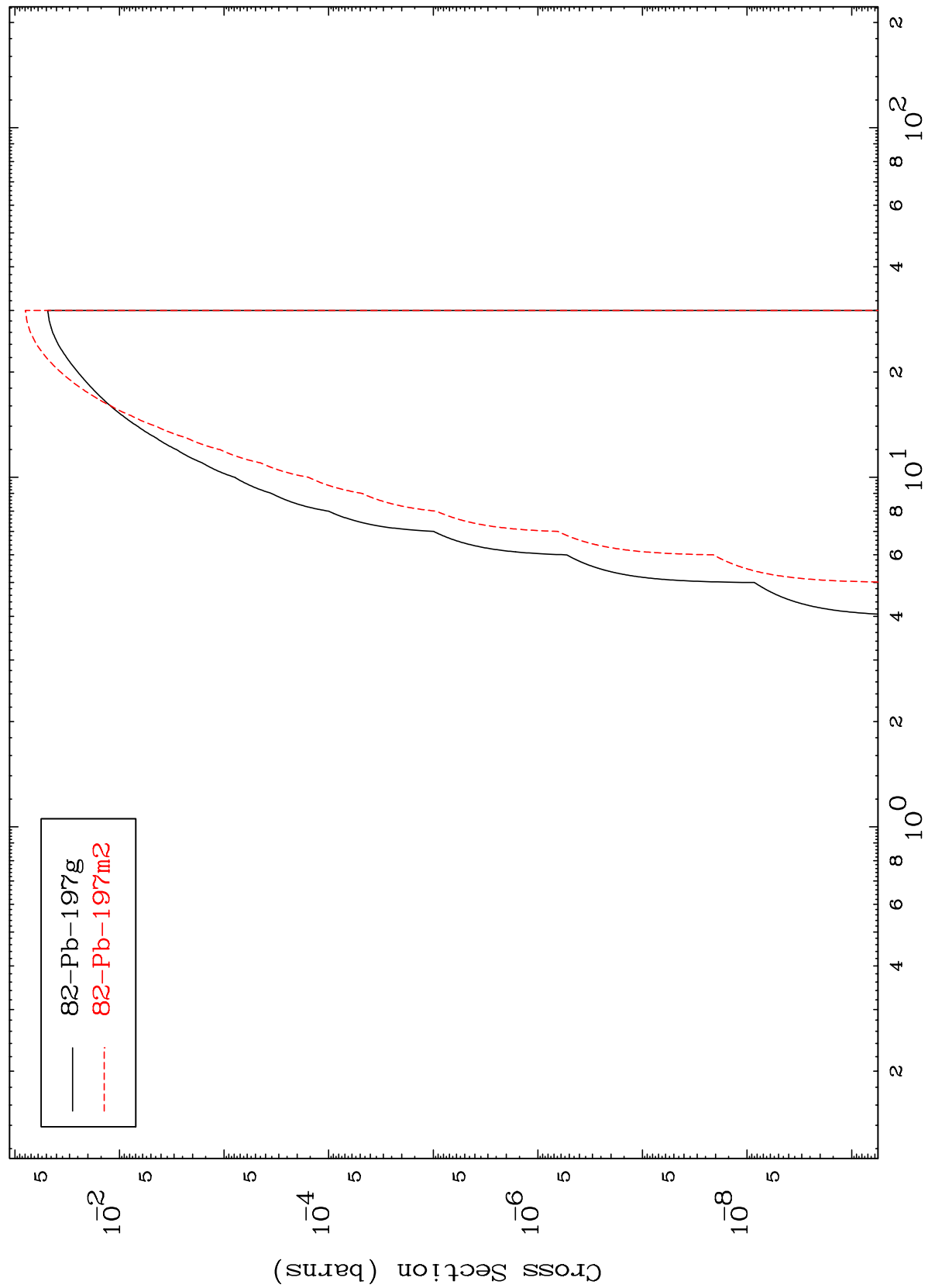
Incident Energy (MeV)

24

MAT 8204

82-Pb-197

(n,p)  
Radionuclide Production Cross Section

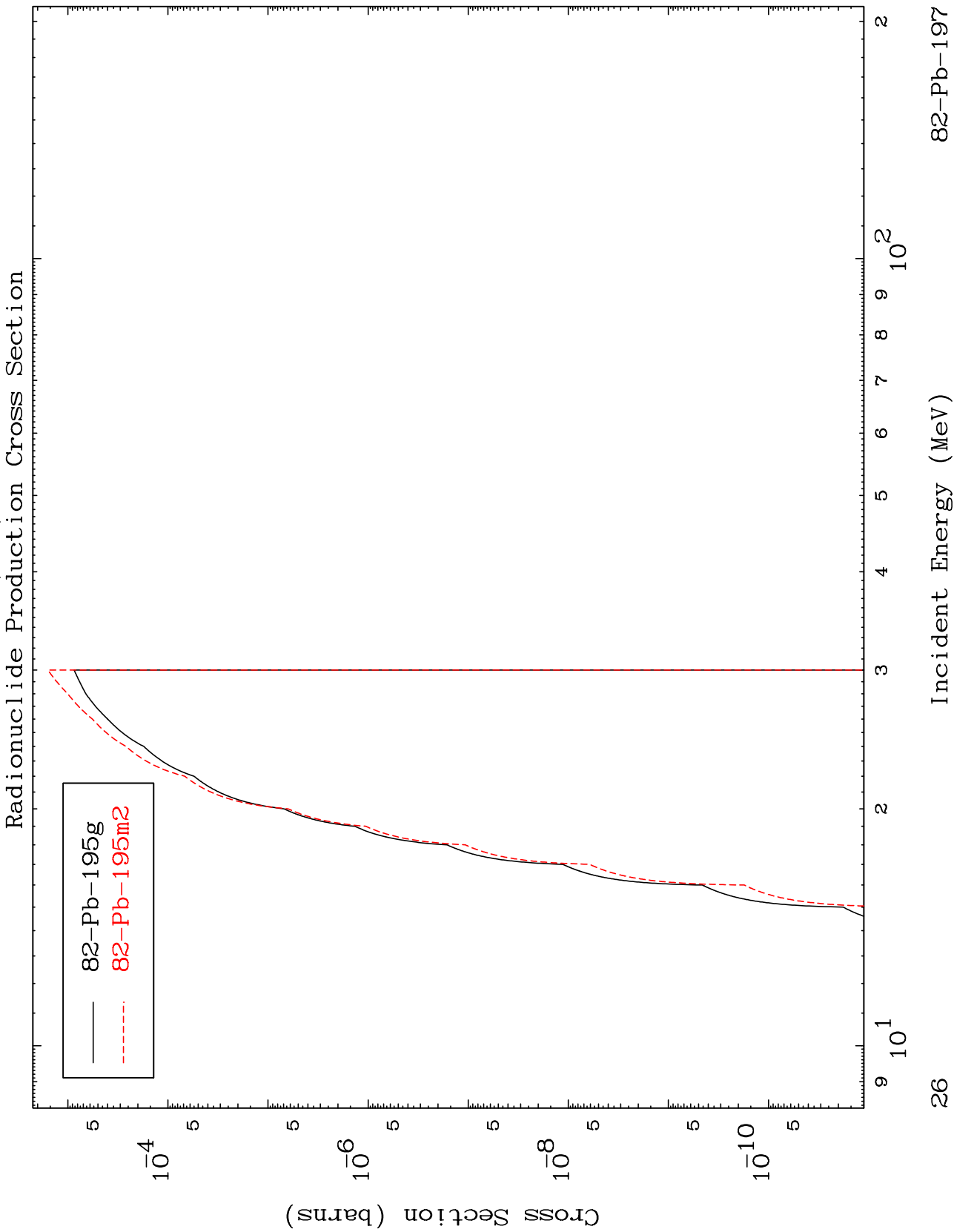


82-Pb-197

Incident Energy (MeV)

MAT 8204

82-Pb-197



26

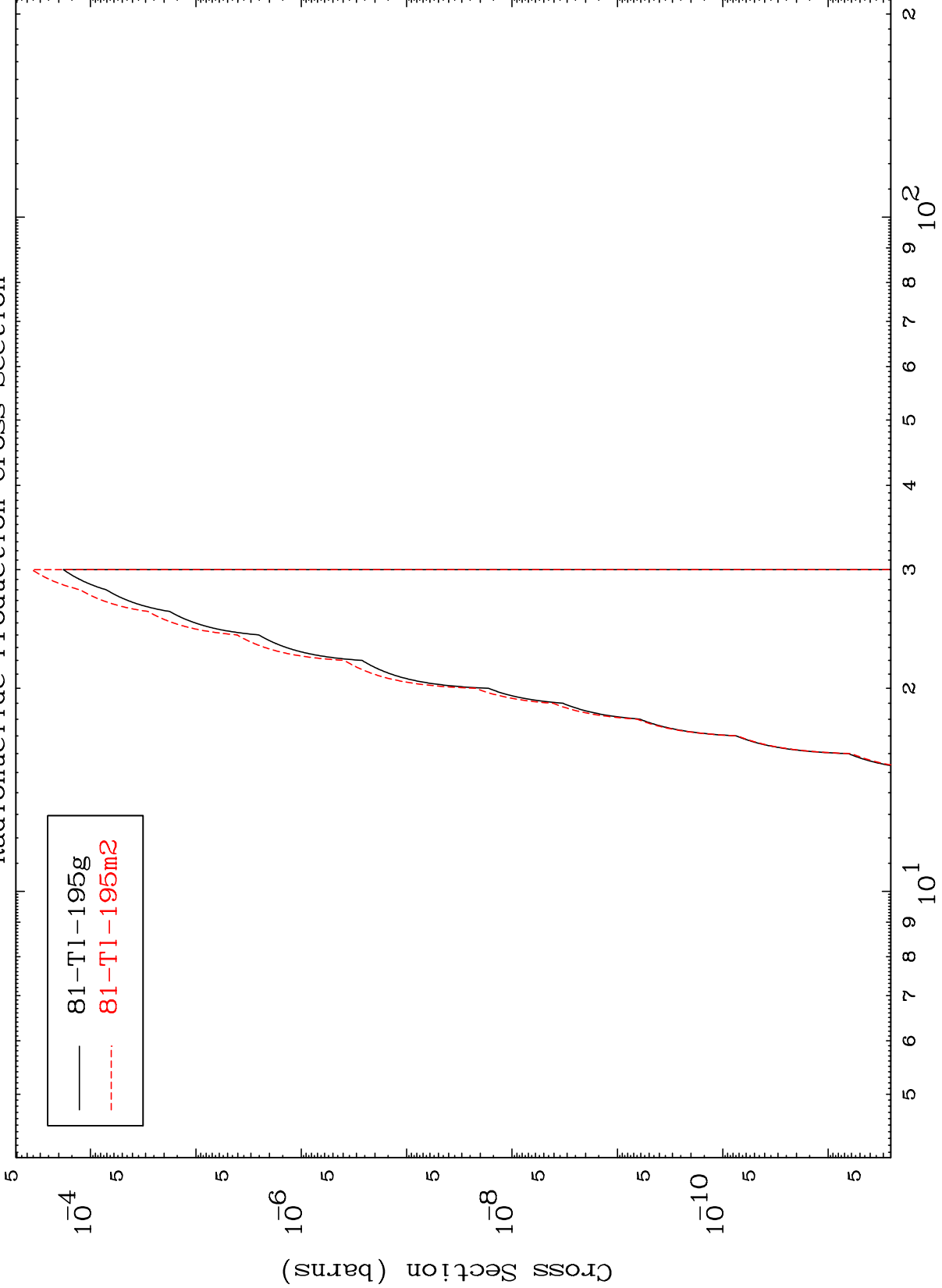
82-Pb-197

MAT 8204

(n,He-3)

82-Pb-197

Radionuclide Production Cross Section



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

27

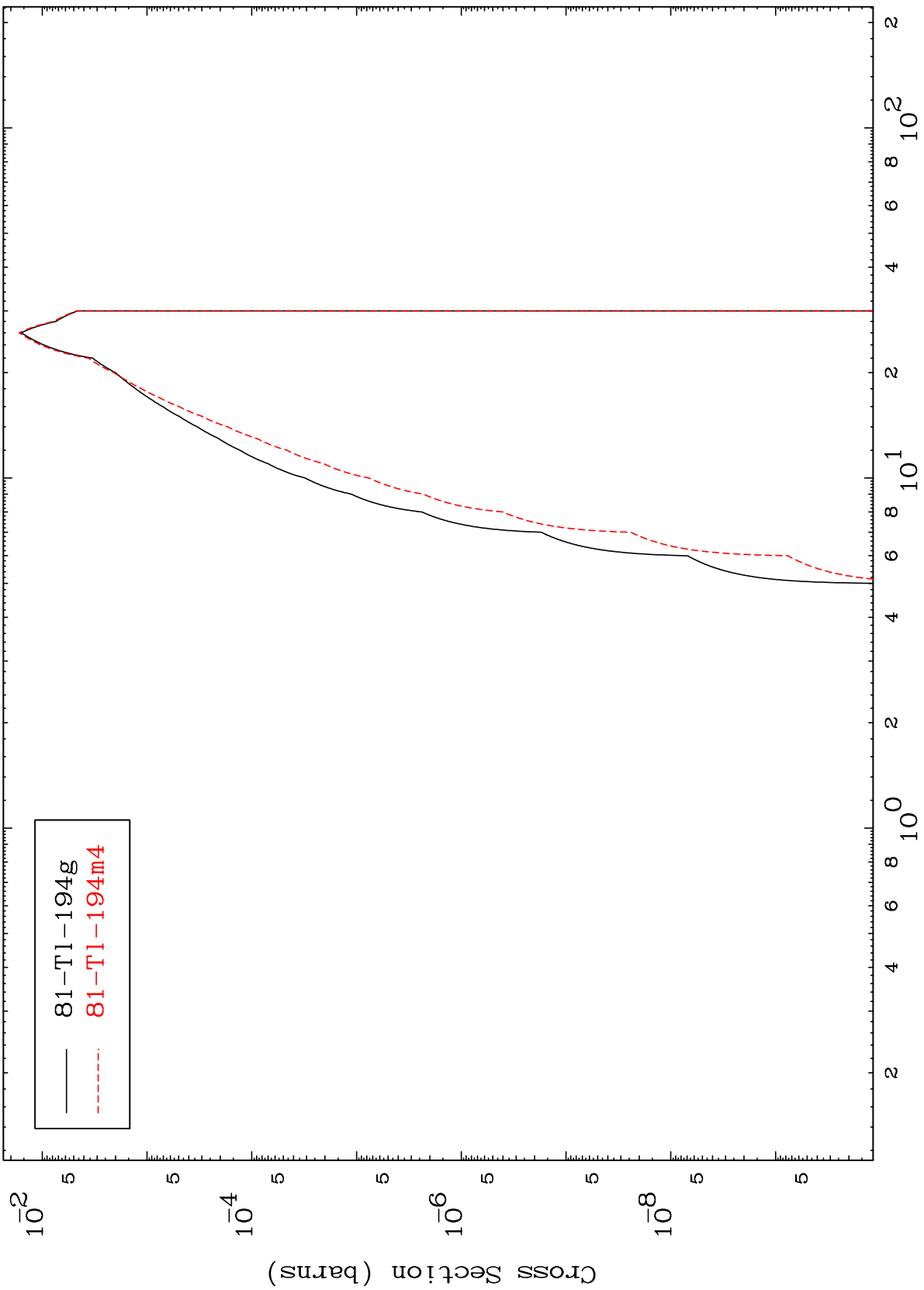
Incident Energy (MeV)

82-Pb-197

MAT 8204

82-Pb-197

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



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

82-Pb-197

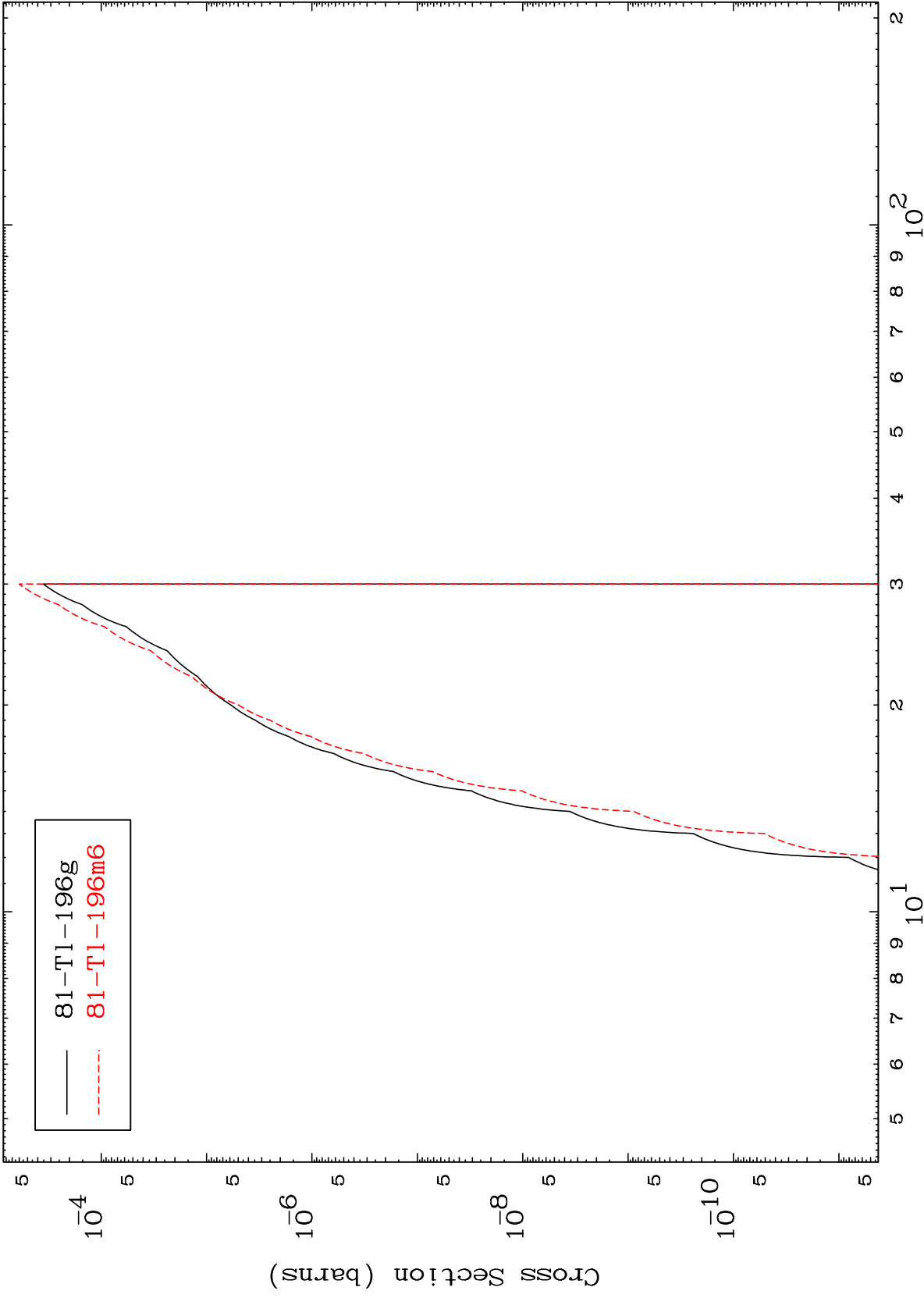
Incident Energy (MeV)

28

MAT 8204

82-Pb-197

(n,2p)  
Radionuclide Production Cross Section



29

Incident Energy (MeV)

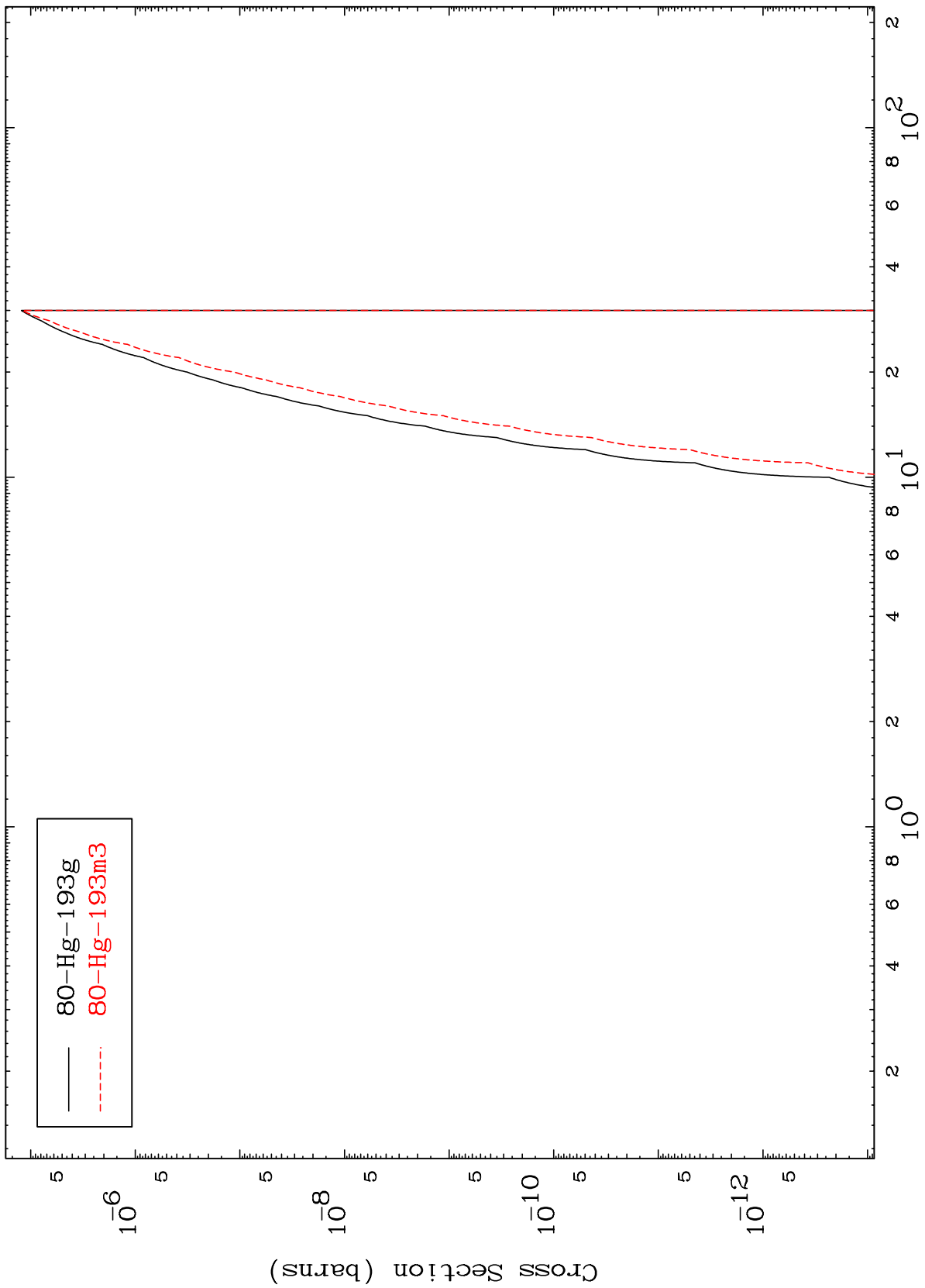
82-Pb-197

MAT 8204

(n,p)  $\alpha$

82-Pb-197

Radionuclide Production Cross Section



30

Incident Energy (MeV)

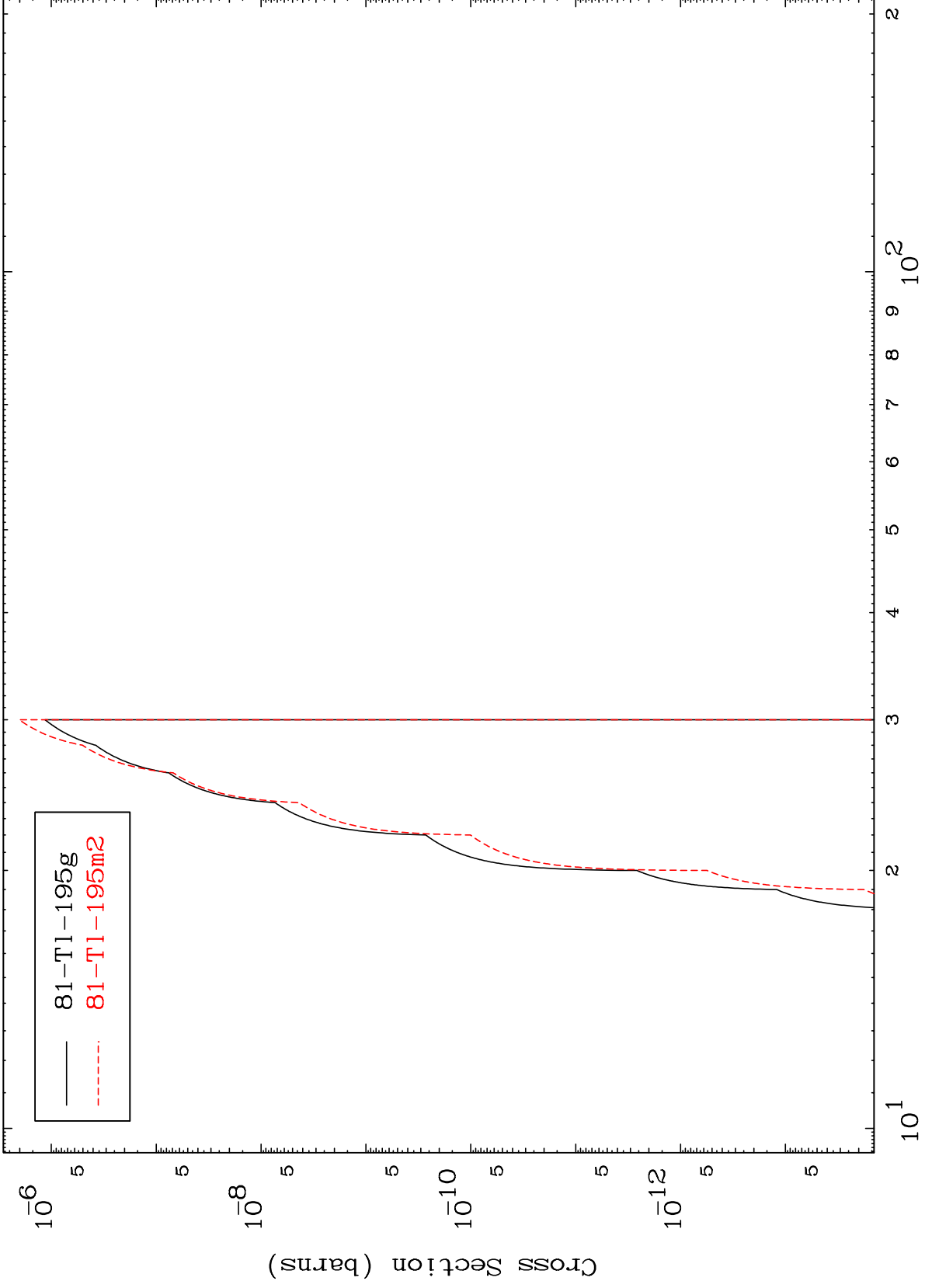
82-Pb-197

MAT 8204

(n,p) d

82-Pb-197

Radionuclide Production Cross Section



31

Incident Energy (MeV)

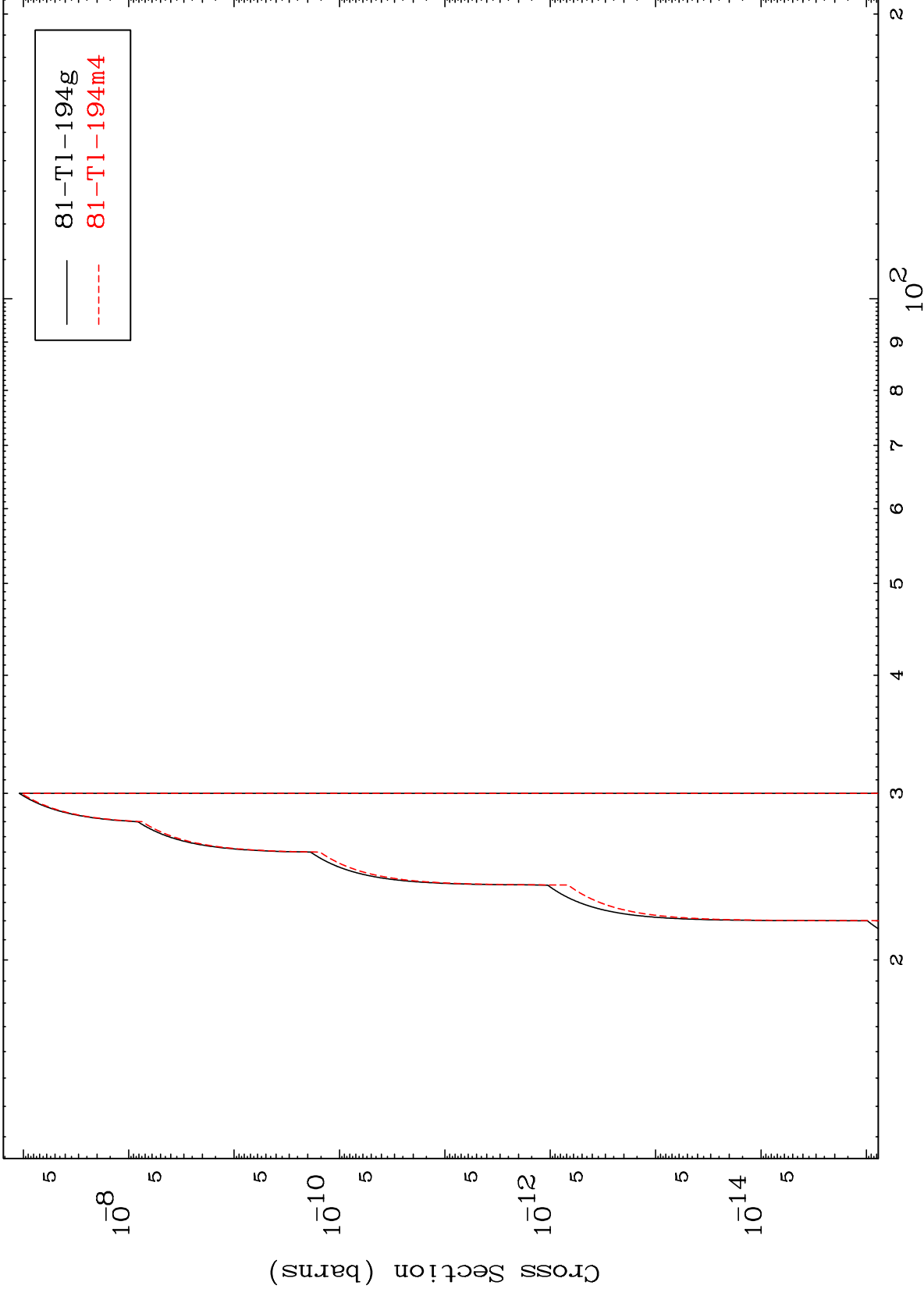
82-Pb-197

MAT 8204

(n,p) t

82-Pb-197

Radionuclide Production Cross Section



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