

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

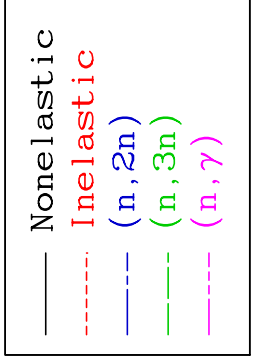
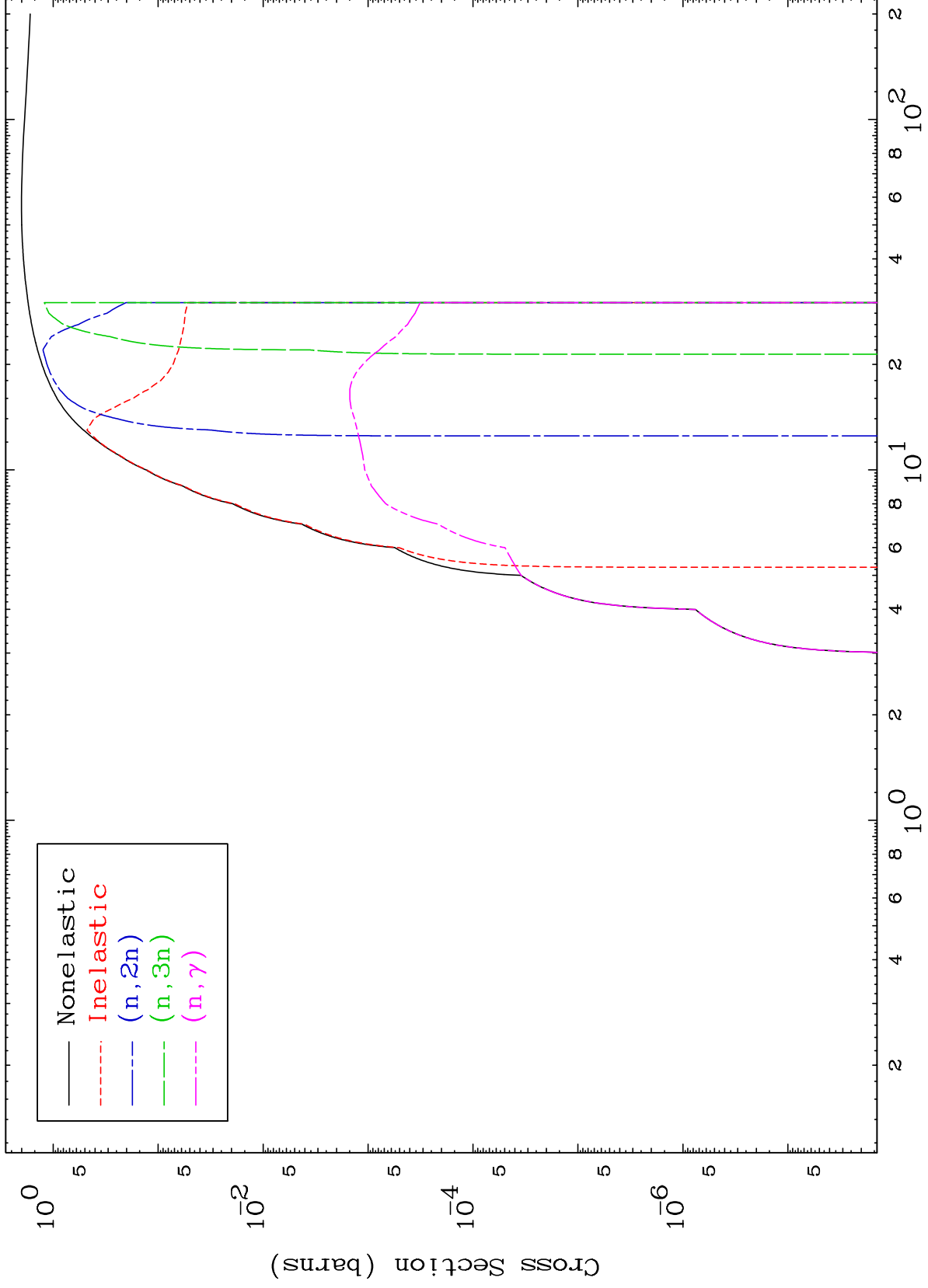
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8225

Proton Major  
0 Kelvin Cross Sections

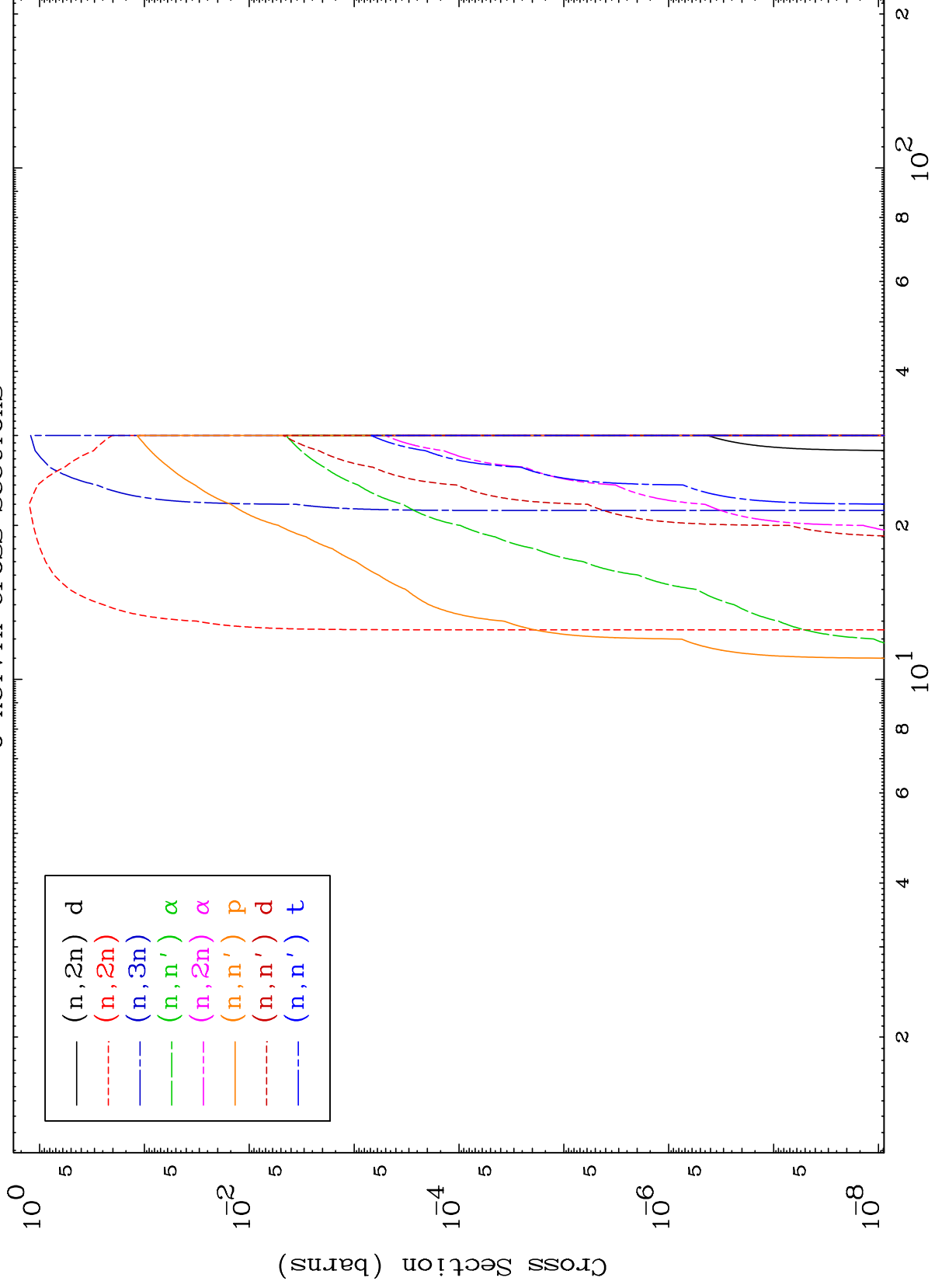
82-Pb-204

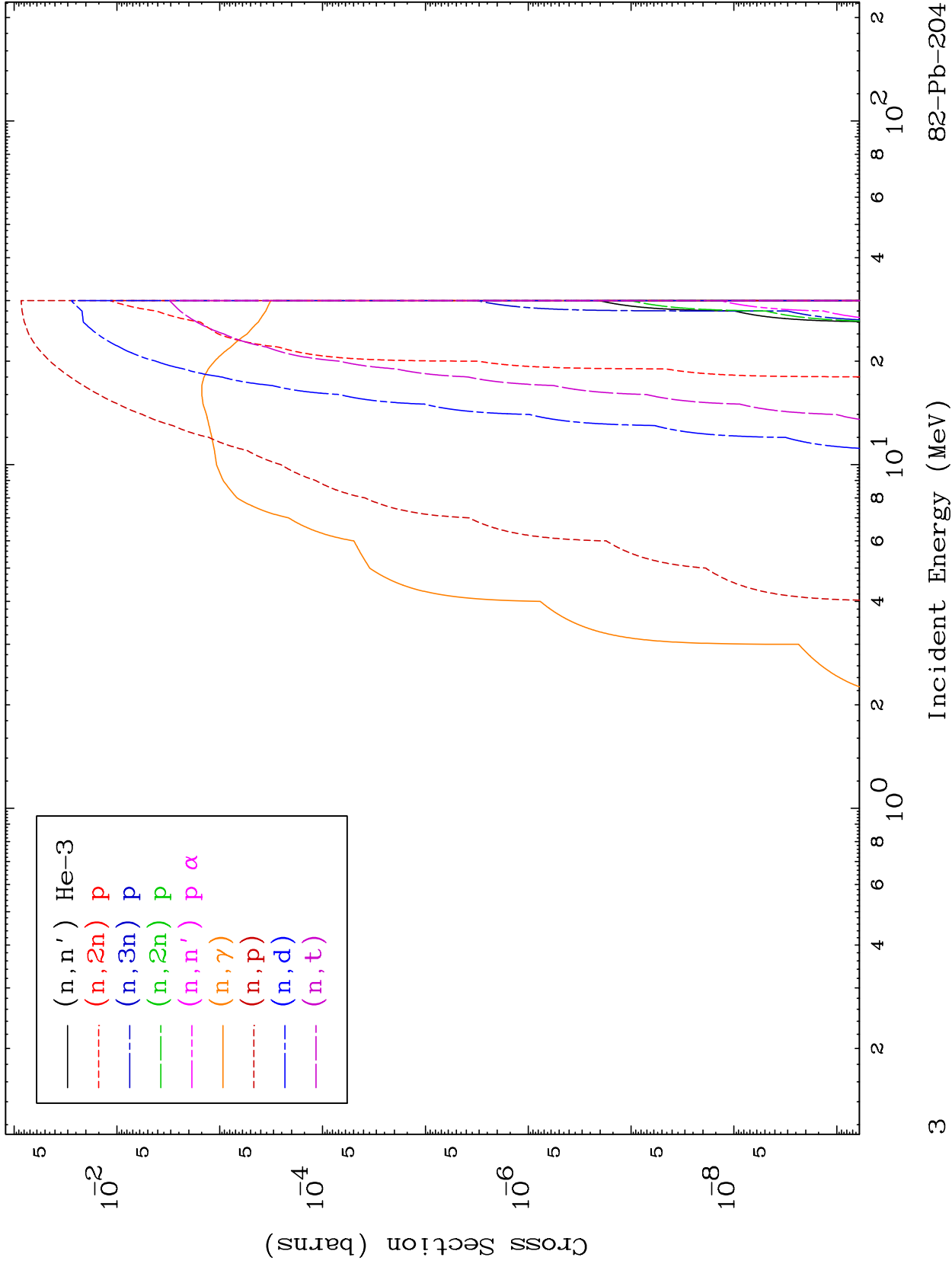


MAT 8225

Proton Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-204

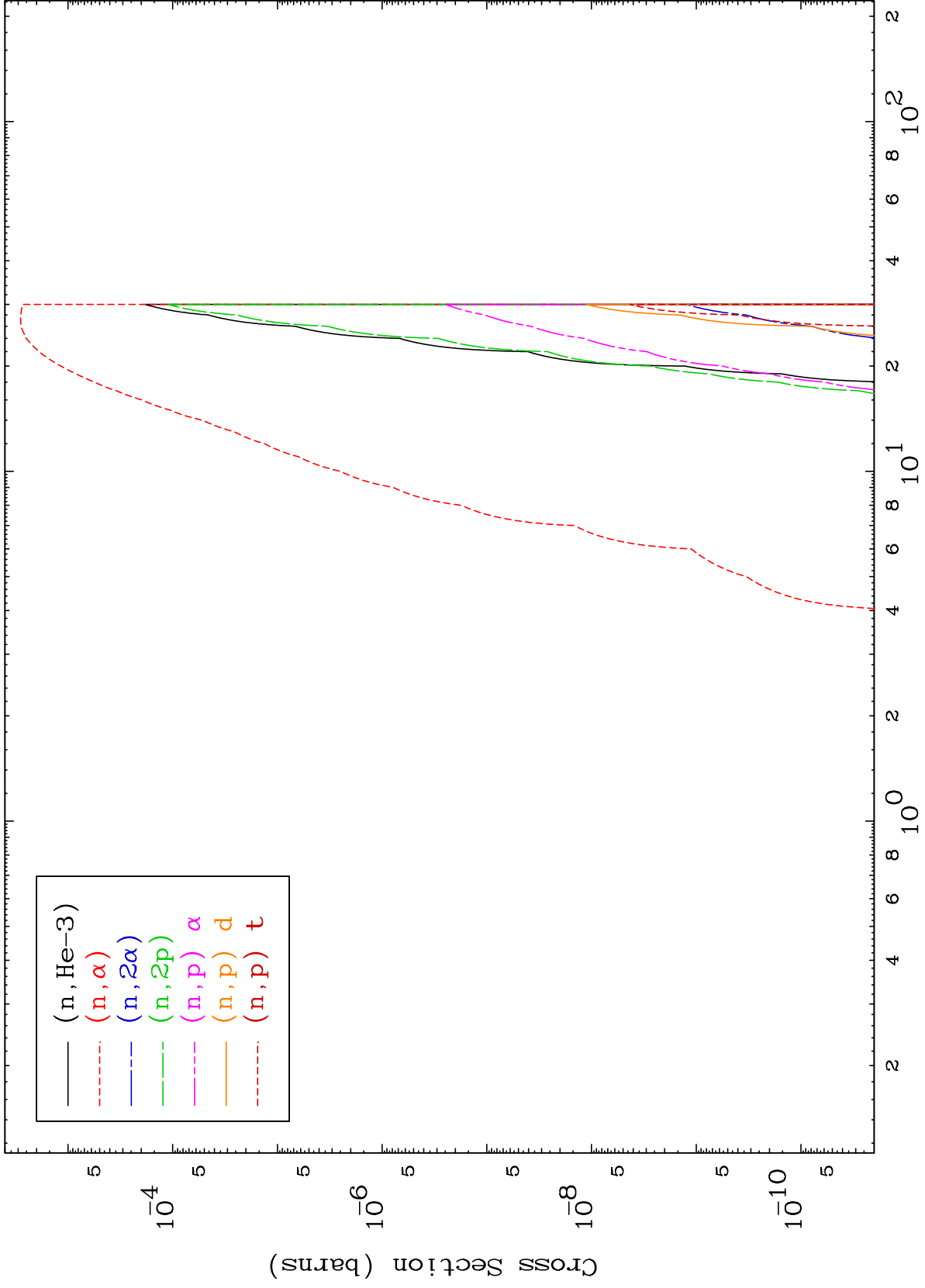




MAT 8225

Proton Neutron Absorption  
0 Kelvin Cross Sections

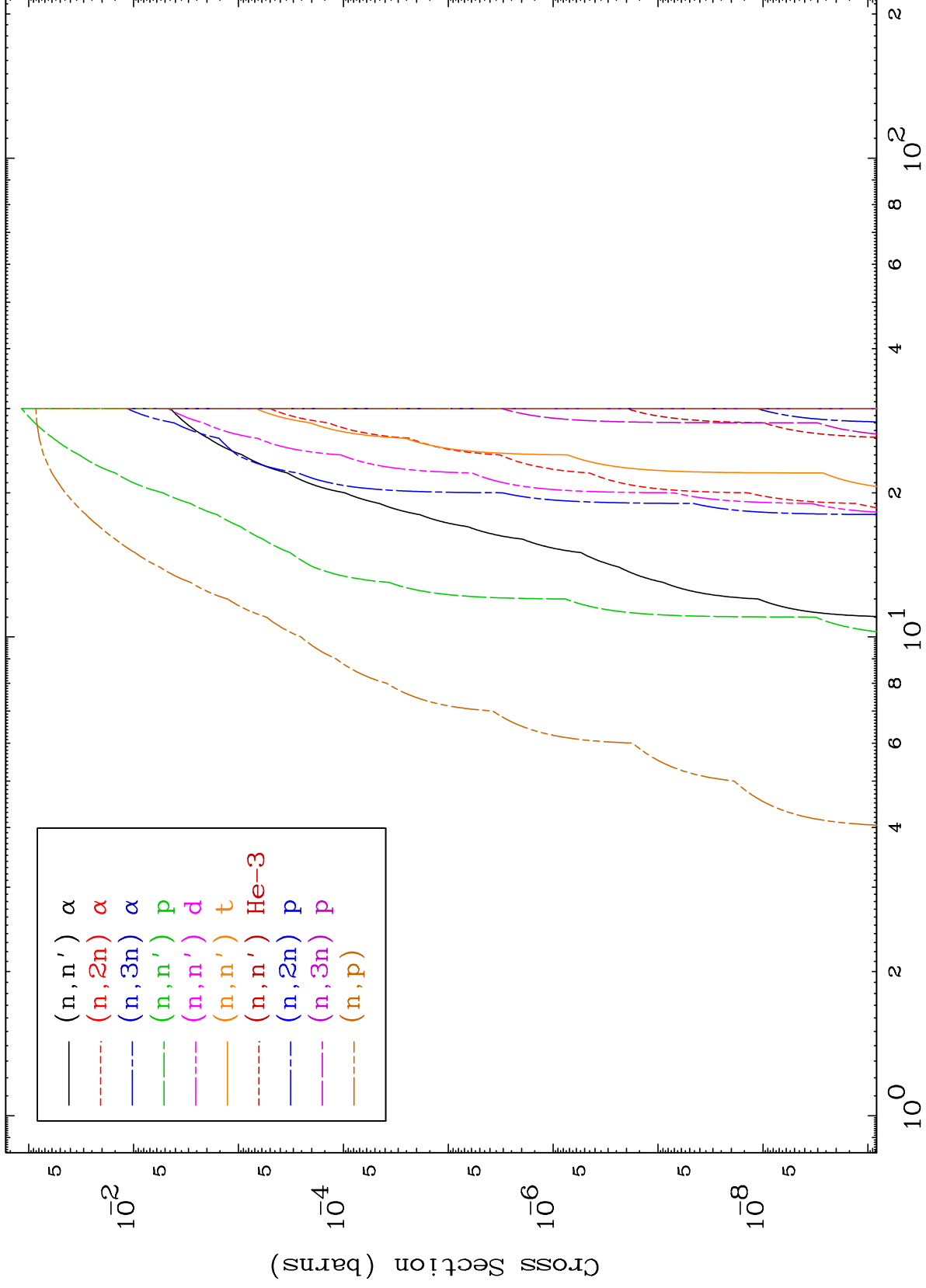
82-Pb-204



MAT 8225

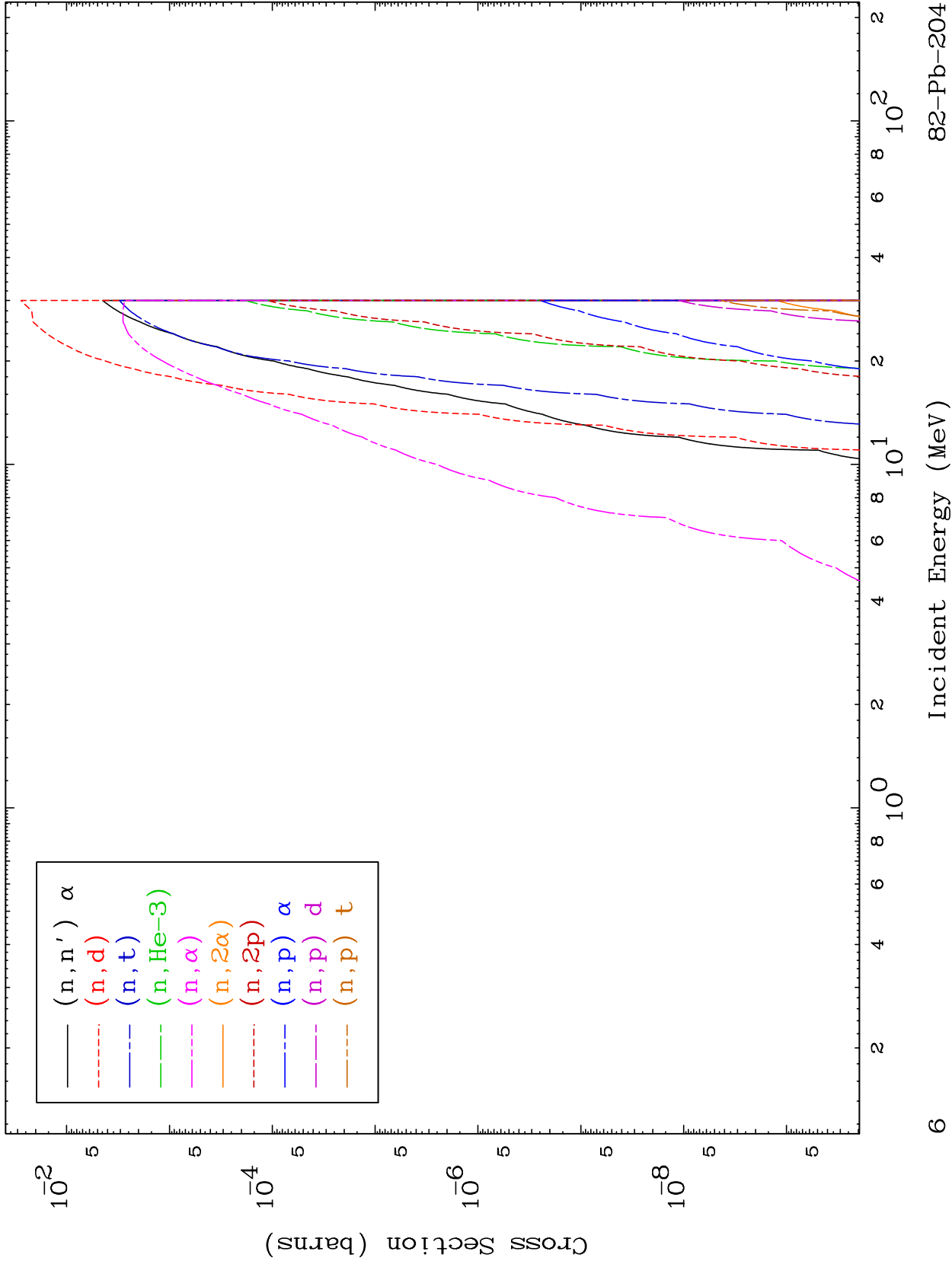
Proton Charged Particle  
0 Kelvin Cross Sections

82-Pb-204



Incident Energy (MeV)

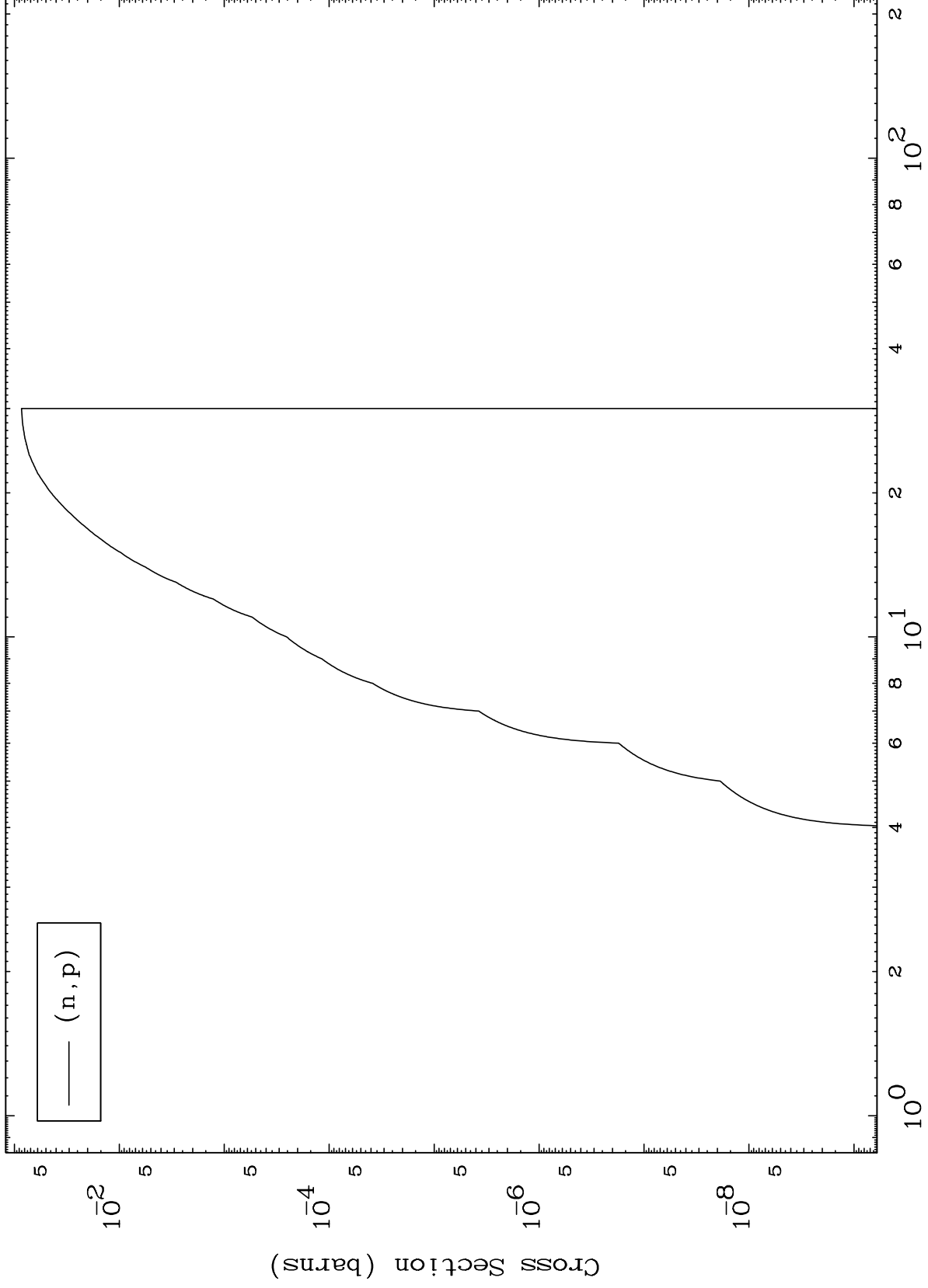
82-Pb-204



MAT 8225

(p,p) Levels  
0 Kelvin Cross Sections

82-Pb-204



Incident Energy (MeV)

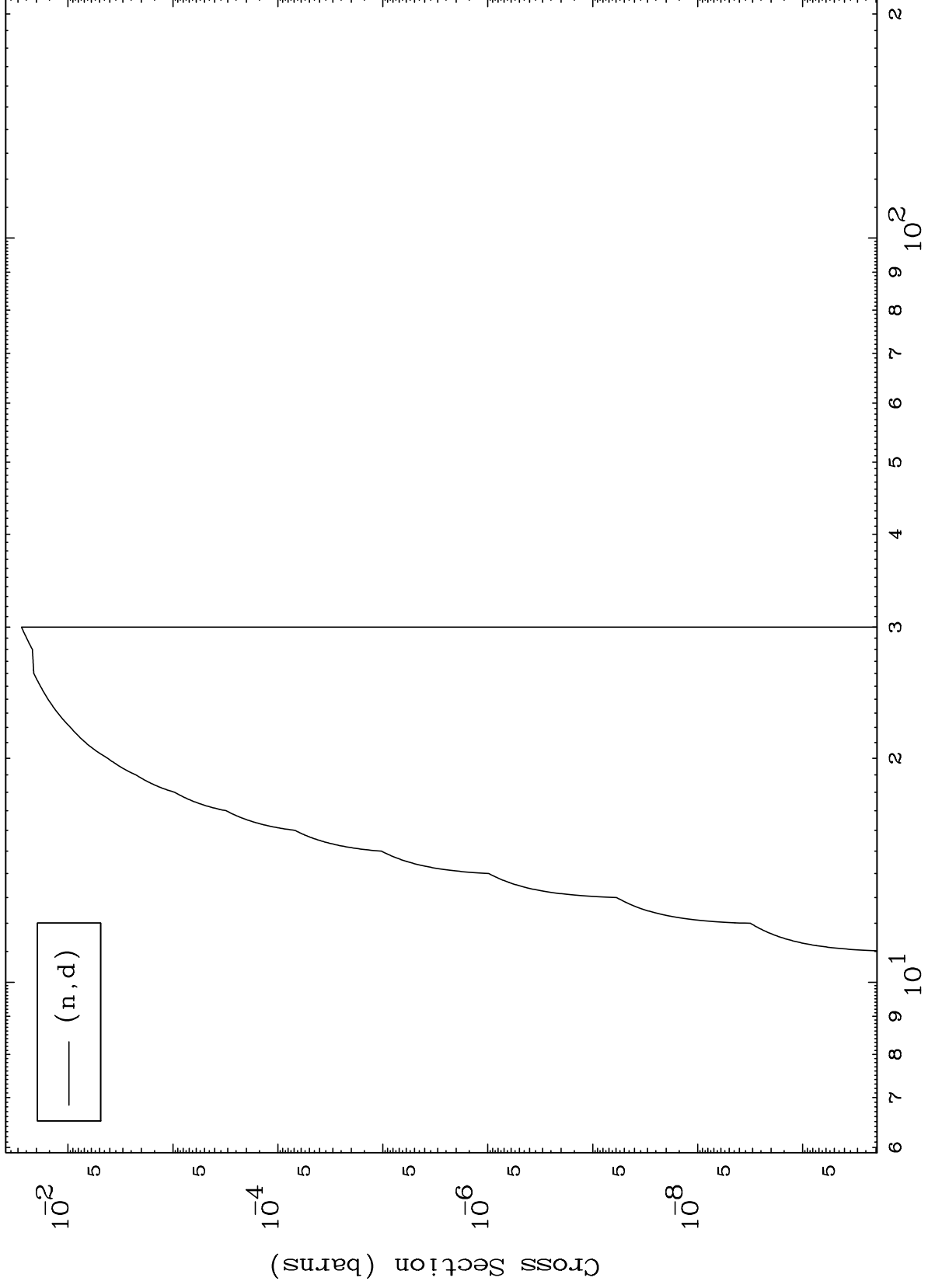
82-Pb-204

7

MAT 8225

(p,d) Levels  
0 Kelvin Cross Sections

82-Pb-204



8

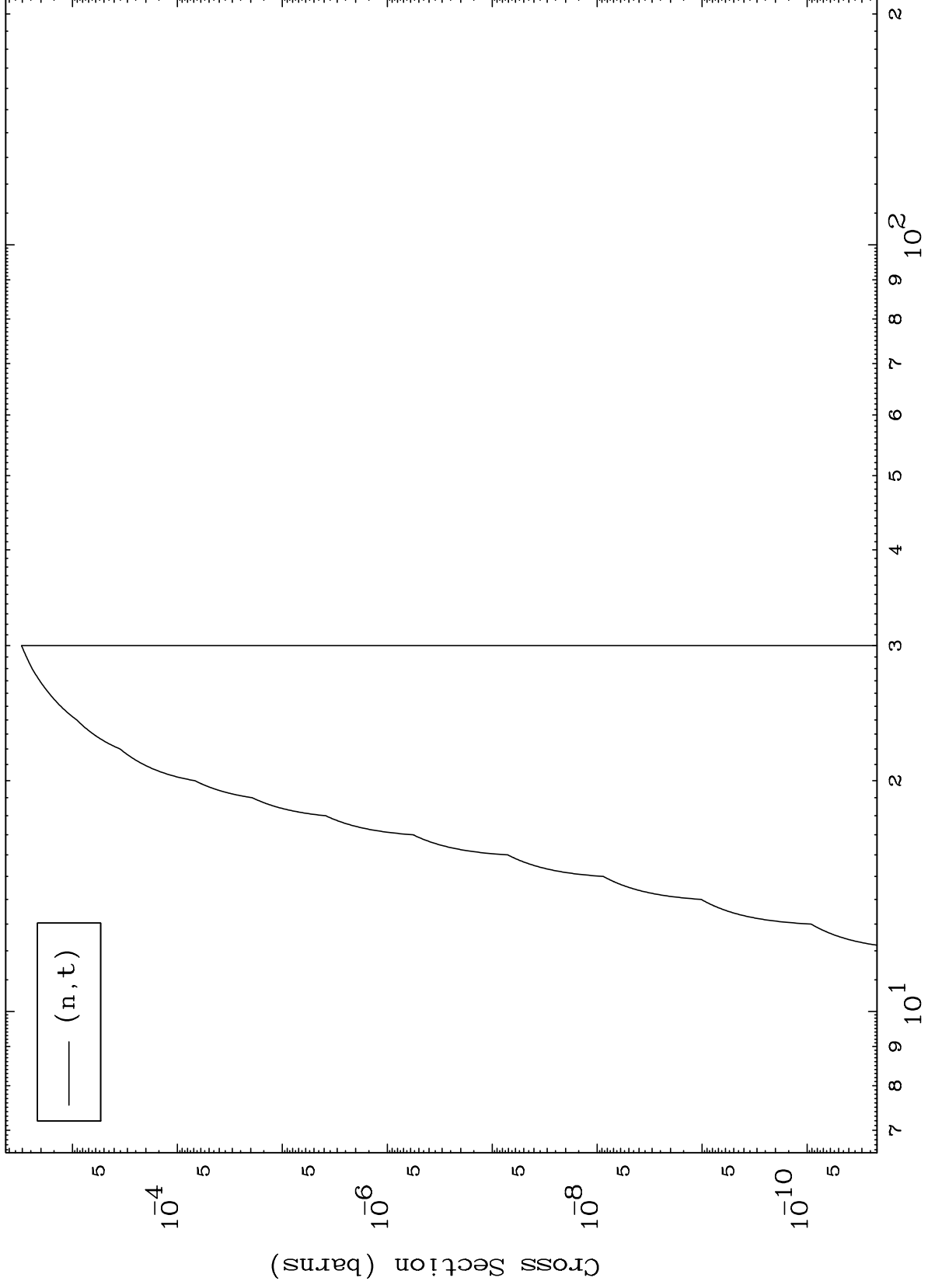
Incident Energy (MeV)

82-Pb-204

MAT 8225

(p,t) Levels  
0 Kelvin Cross Sections

82-Pb-204



9

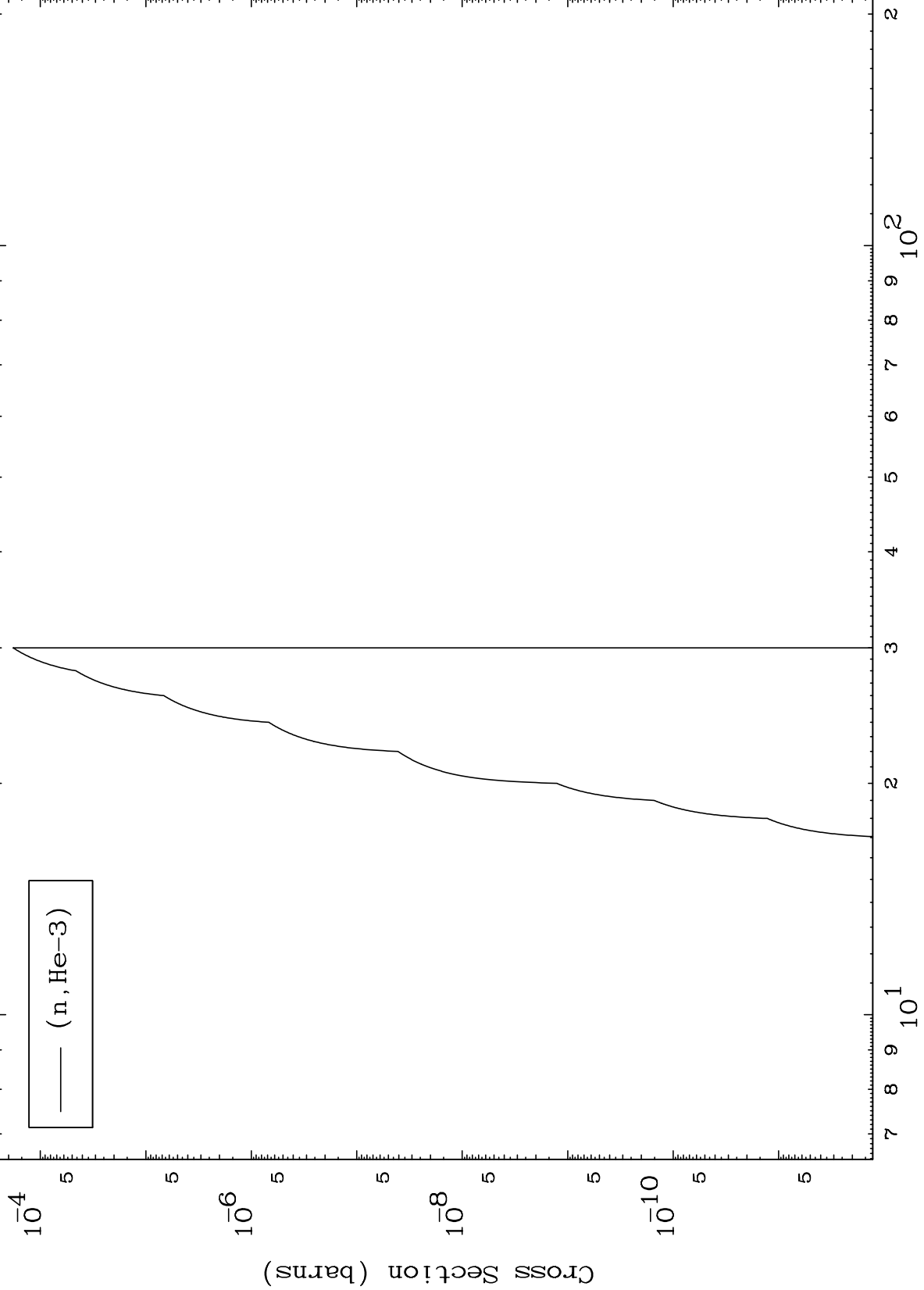
Incident Energy (MeV)

82-Pb-204

MAT 8225

(p,He3) Levels  
0 Kelvin Cross Sections

82-Pb-204



10

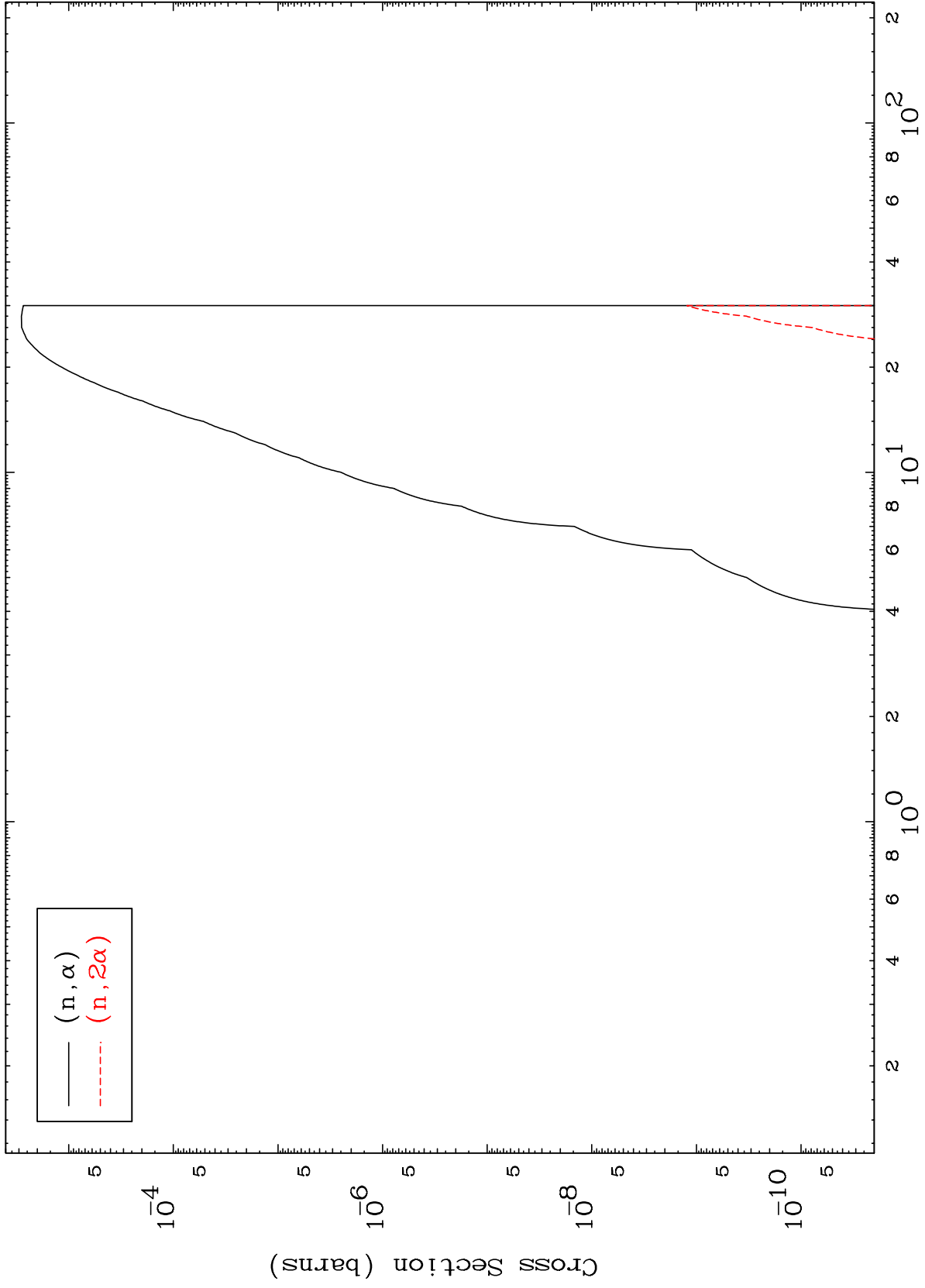
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204

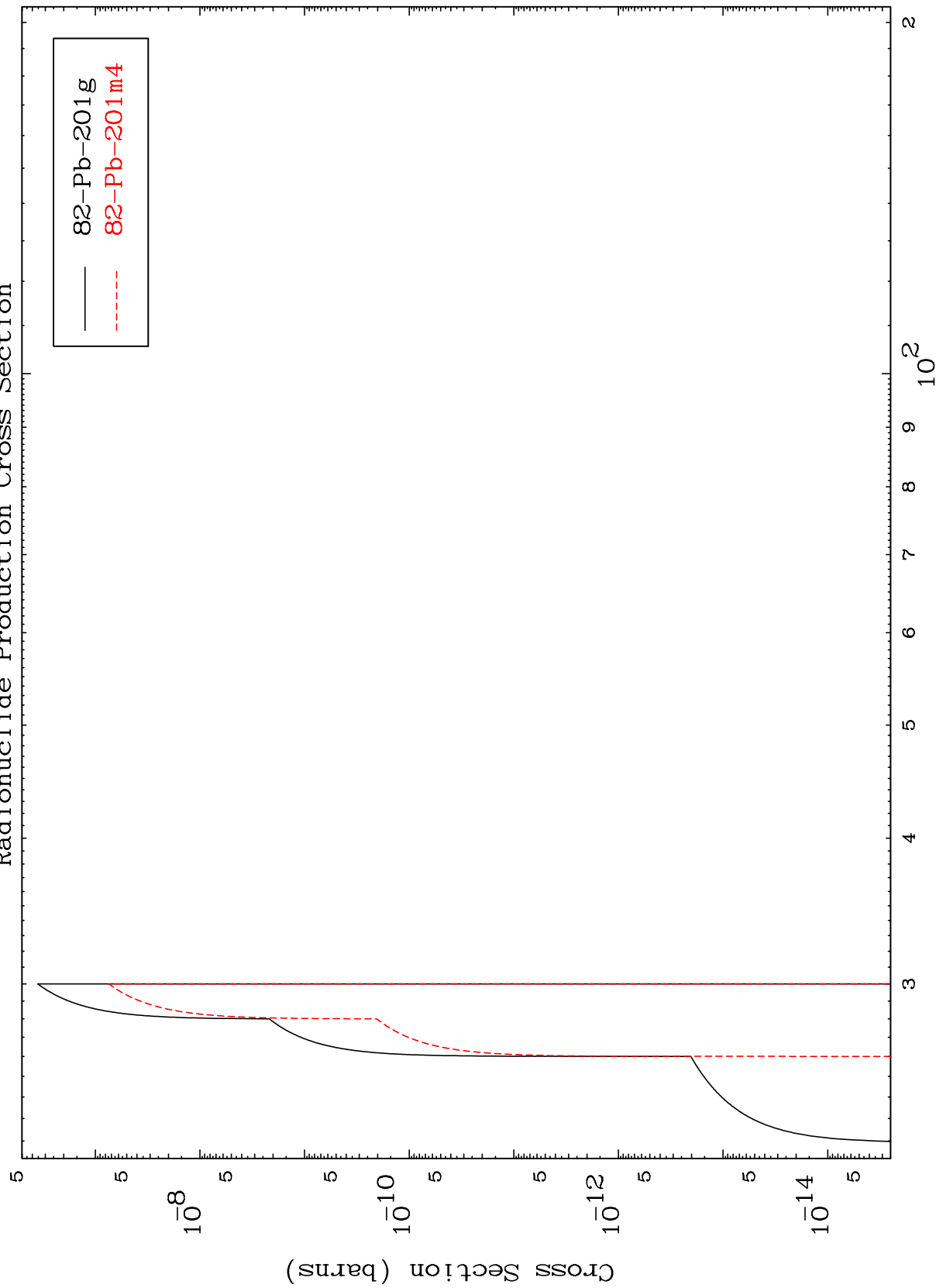


MAT 8225

(n,2n) d

82-Pb-204

Radionuclide Production Cross Section



82-Pb-201 g  
82-Pb-201 m4

12

Incident Energy (MeV)

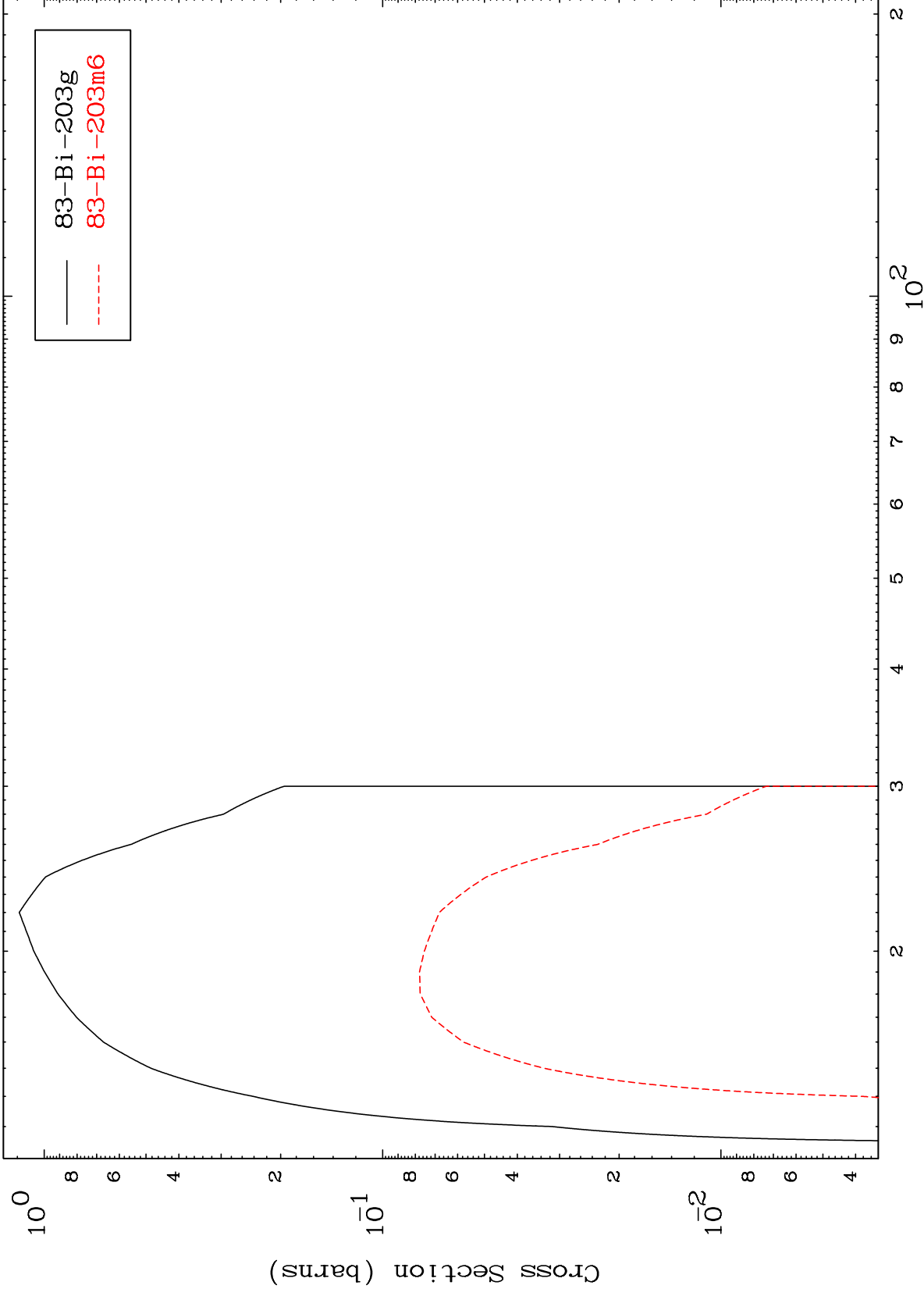
82-Pb-204

MAT 8225

(n,2n)

82-Pb-204

Radionuclide Production Cross Section



13

Incident Energy (MeV)

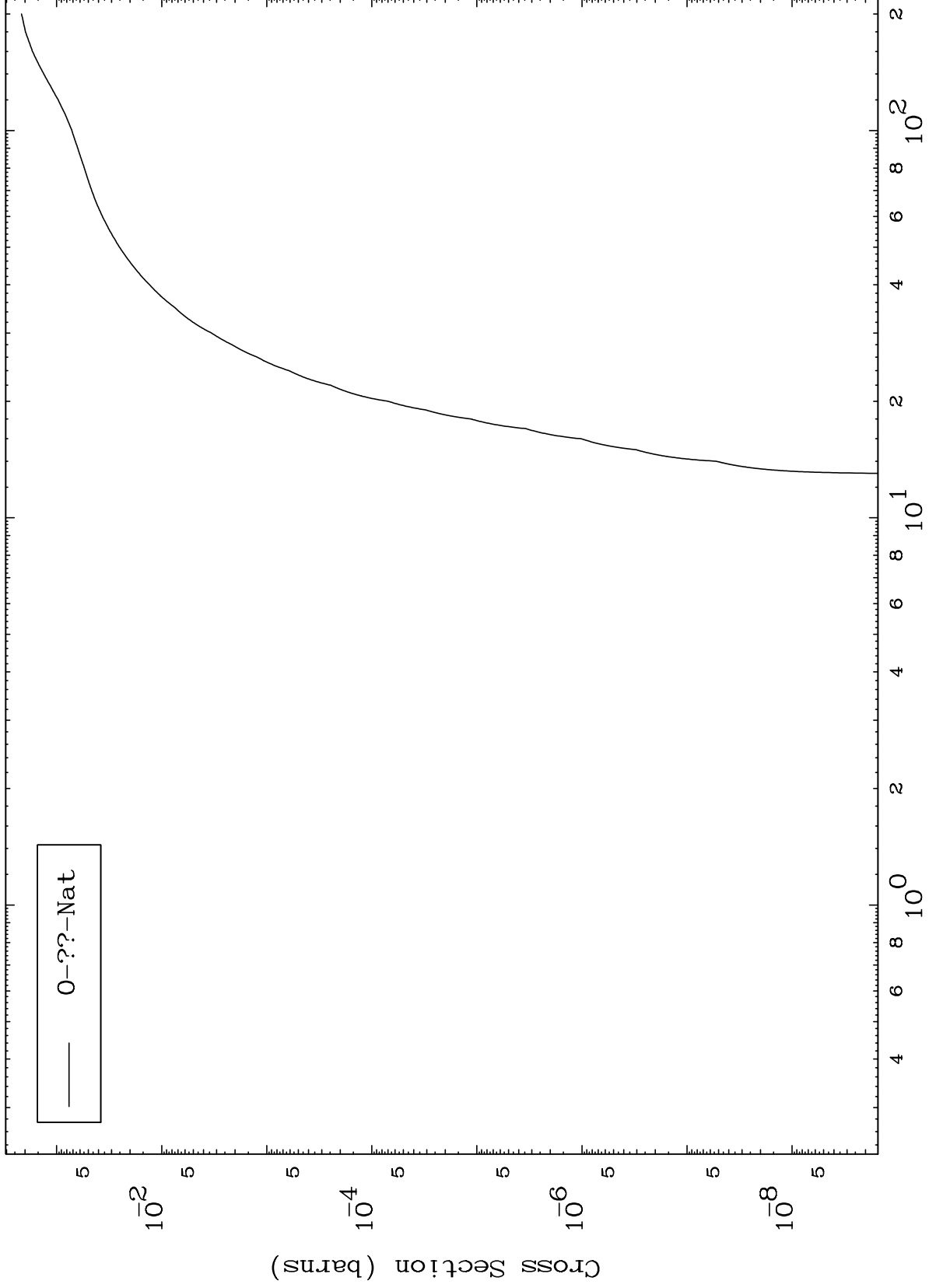
82-Pb-204

MAT 8225

Fission

82-Pb-204

Radionuclide Production Cross Section



14

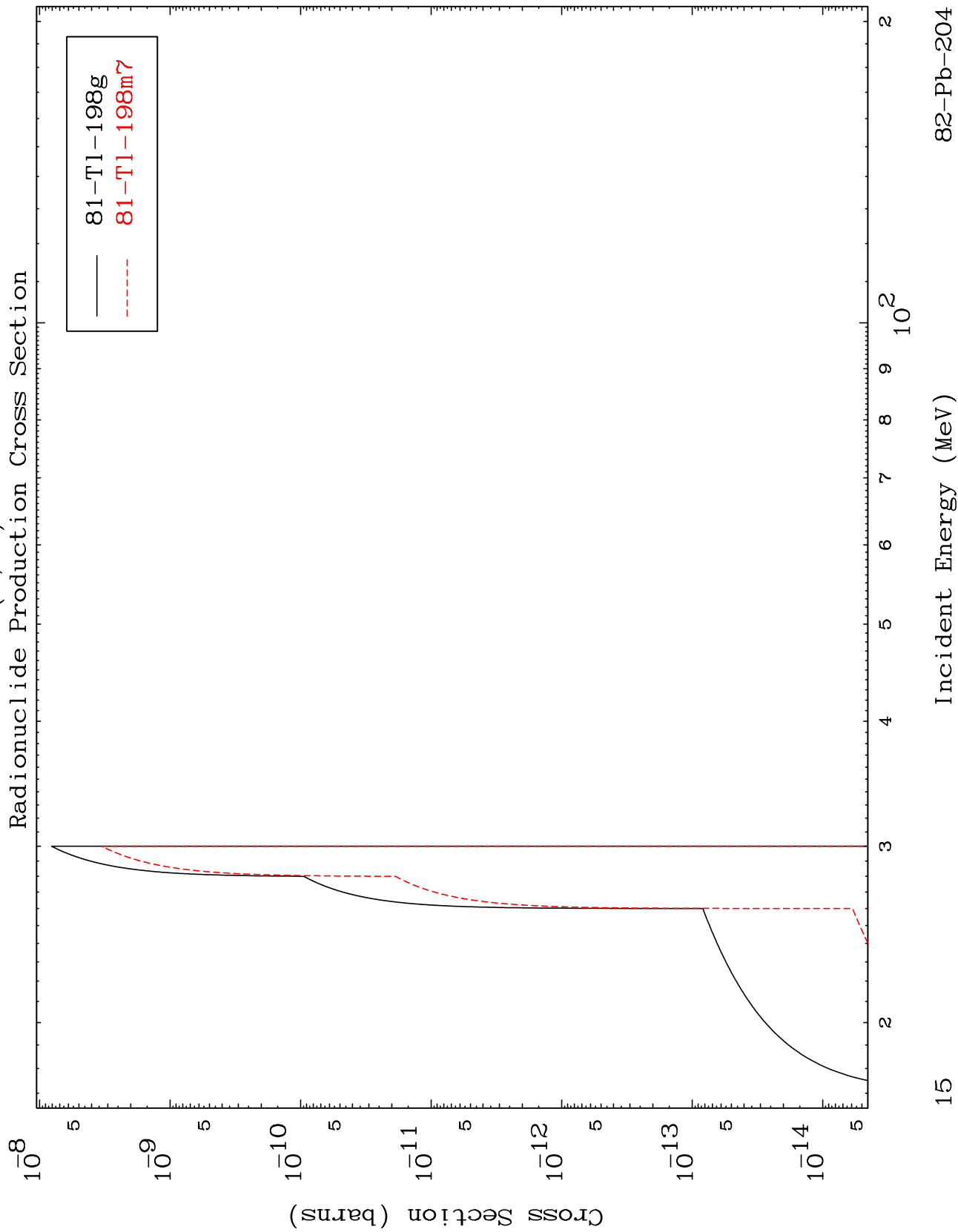
Incident Energy (MeV)

82-Pb-204

MAT 8225

(n,3n)  $\alpha$

82-Pb-204



15

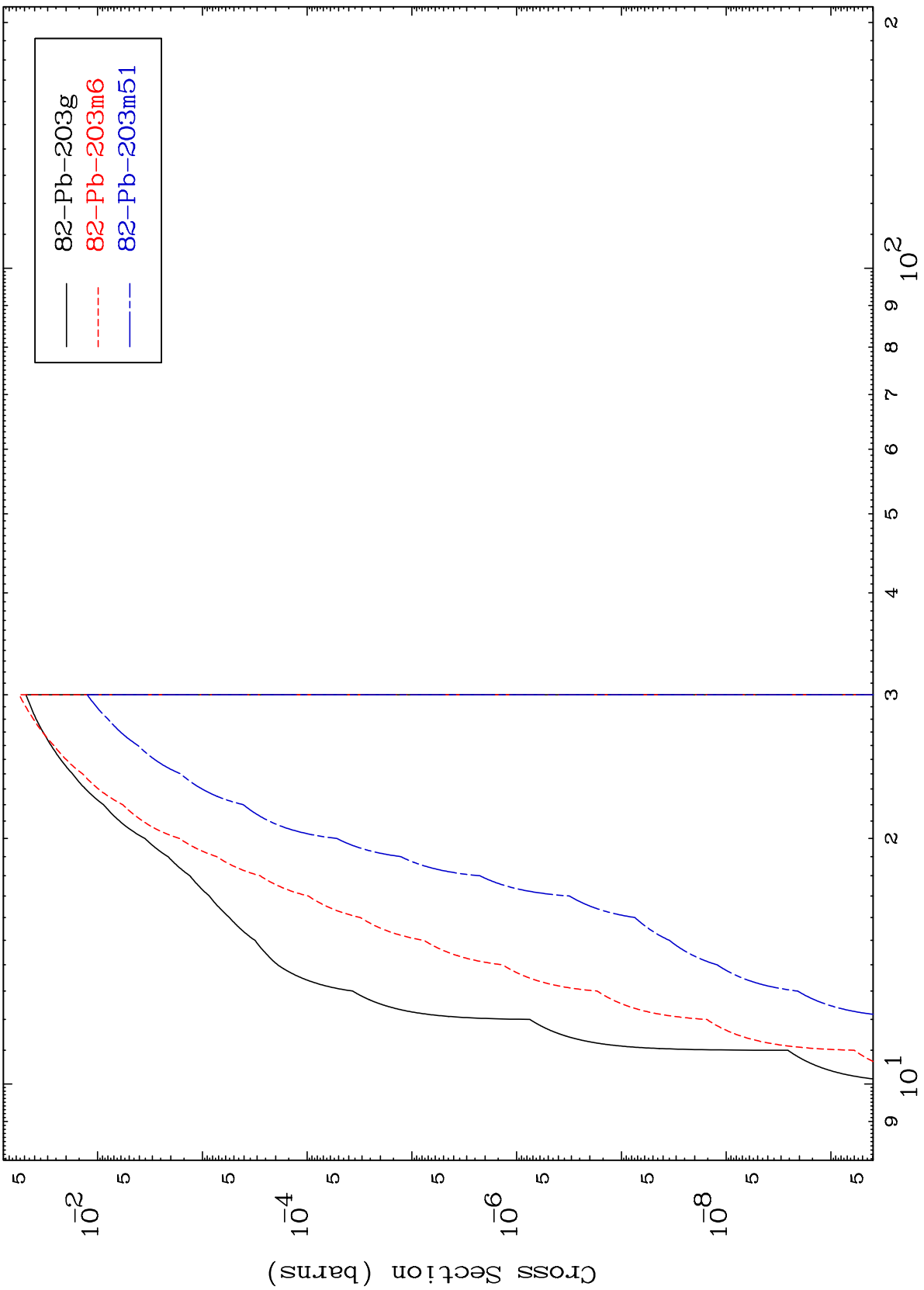
82-Pb-204

MAT 8225

(n,n') p

82-Pb-204

Radionuclide Production Cross Section



16

Incident Energy (MeV)

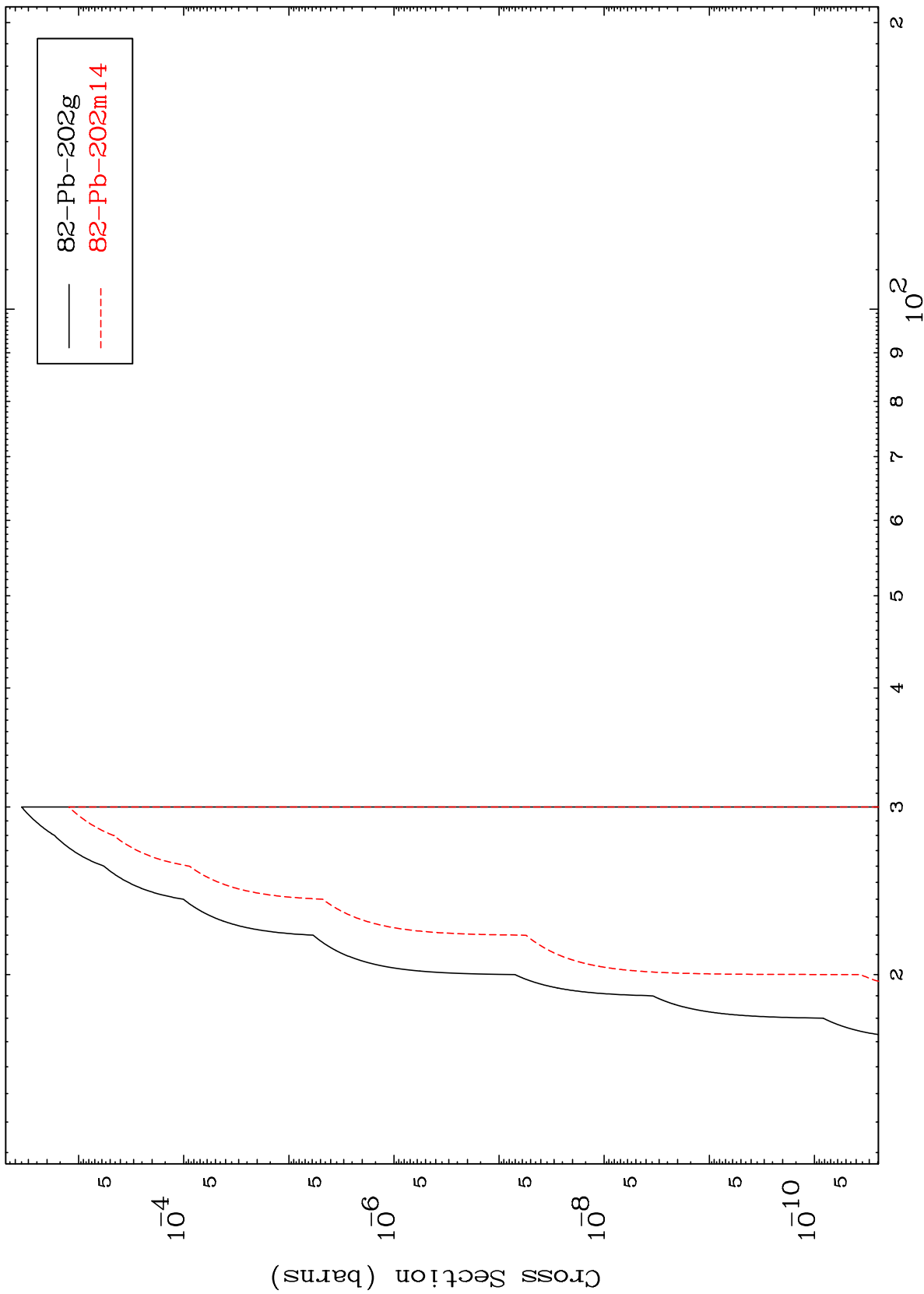
82-Pb-204

MAT 8225

(n,n') d

82-Pb-204

Radionuclide Production Cross Section



17

Incident Energy (MeV)

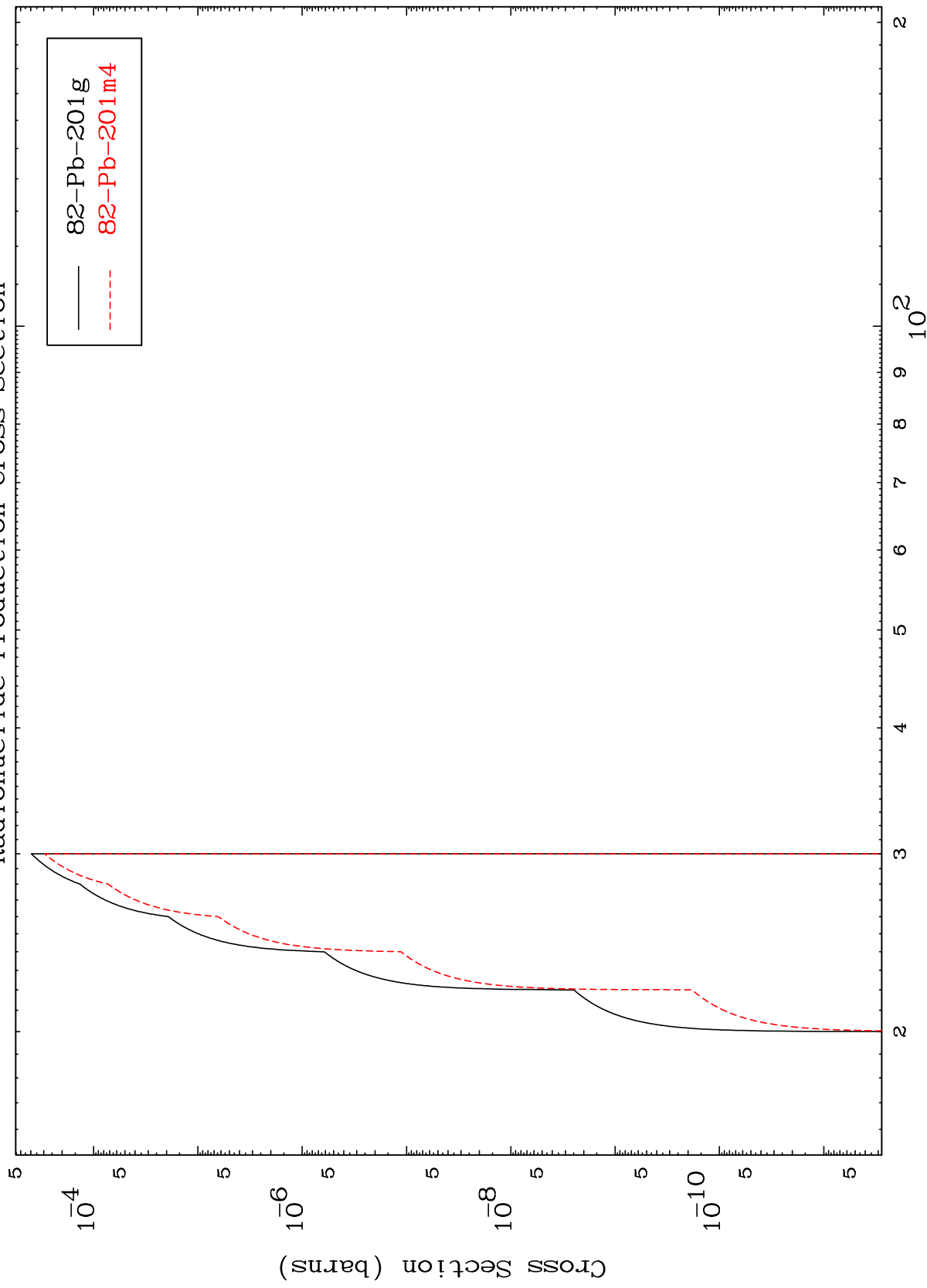
82-Pb-204

MAT 8225

(n,n') t

82-Pb-204

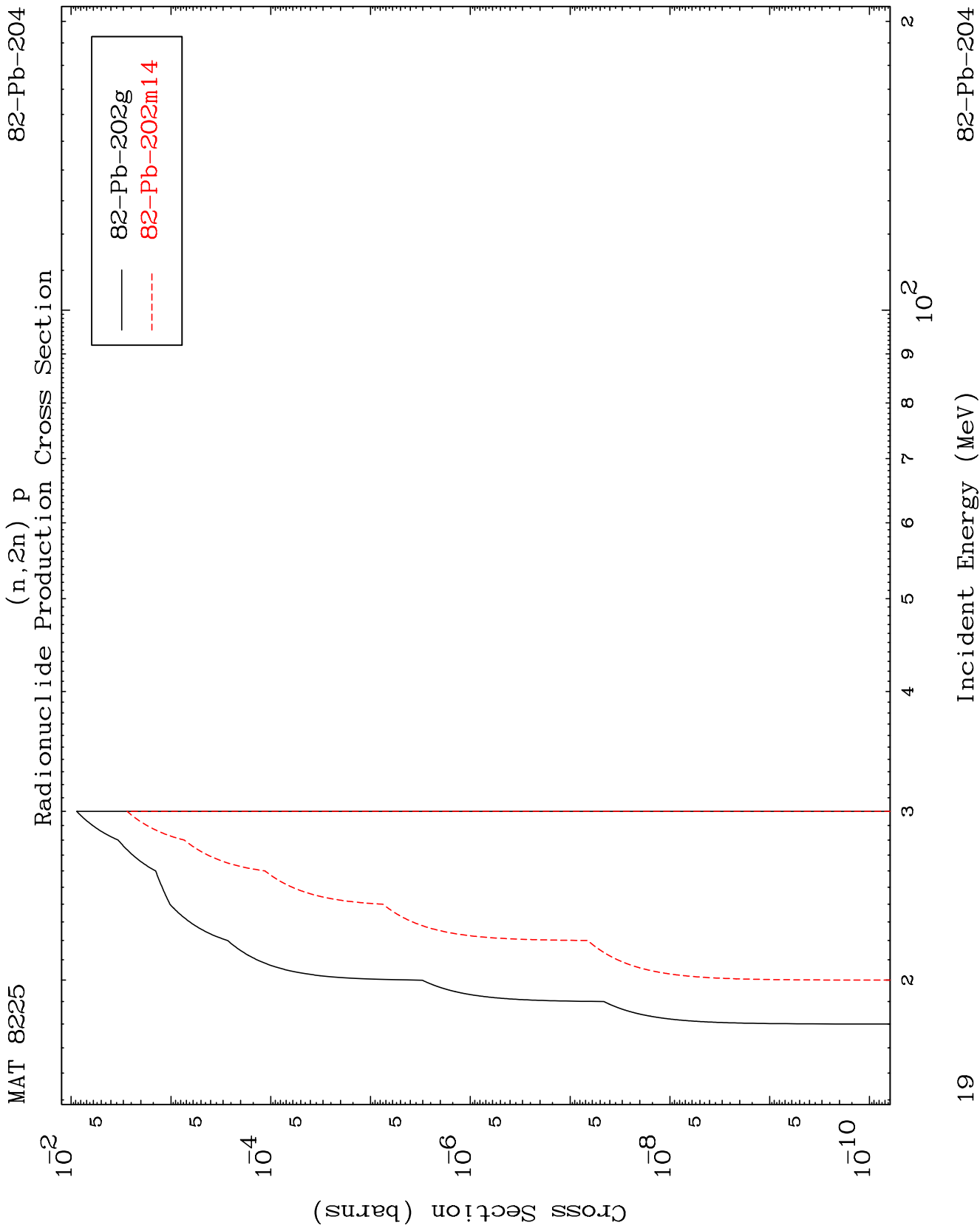
Radionuclide Production Cross Section



18

Incident Energy (MeV)

82-Pb-204

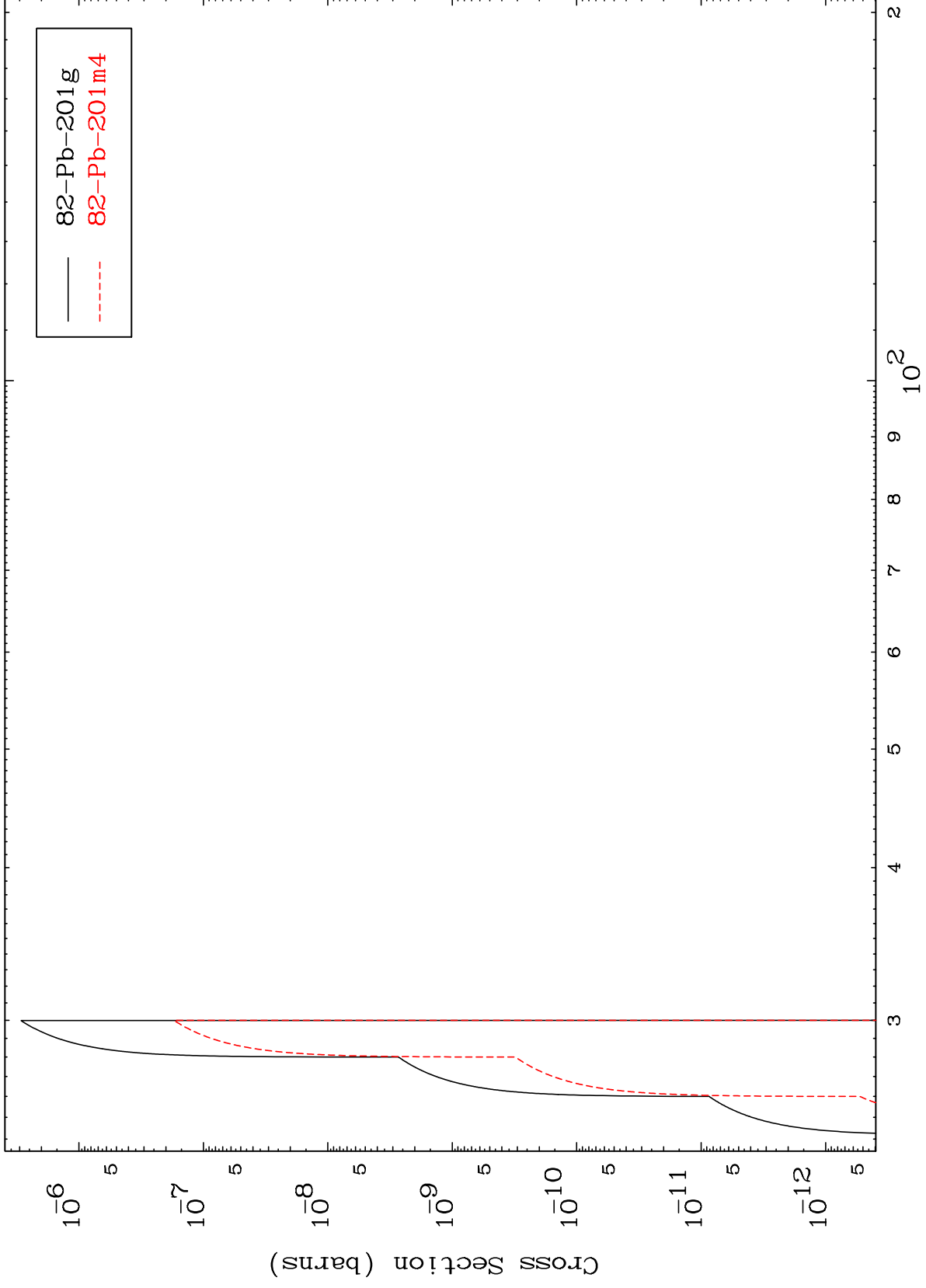


MAT 8225

(n,3n) p

82-Pb-204

Radionuclide Production Cross Section



20

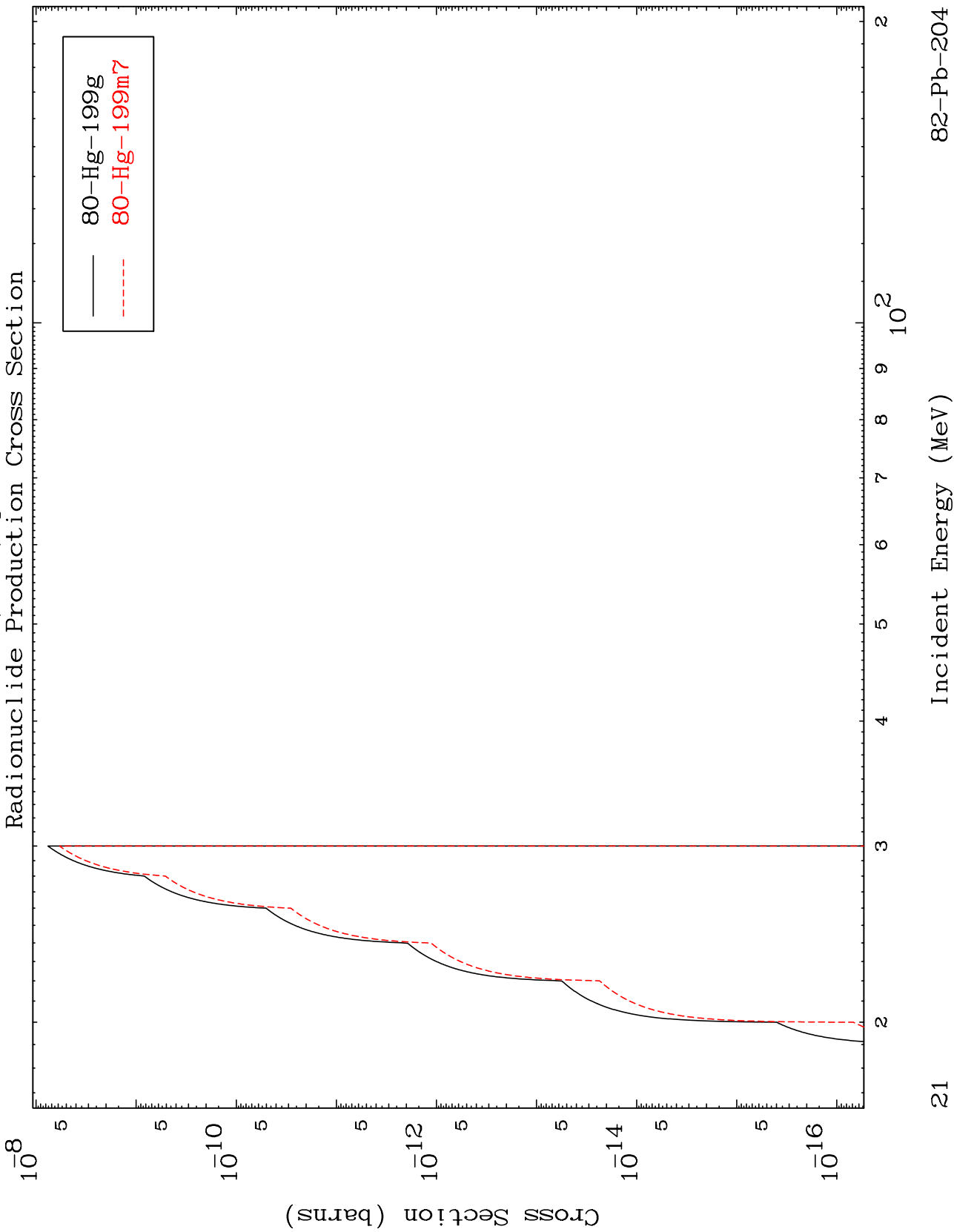
Incident Energy (MeV)

82-Pb-204

MAT 8225

(n,n') p  $\alpha$

82-Pb-204



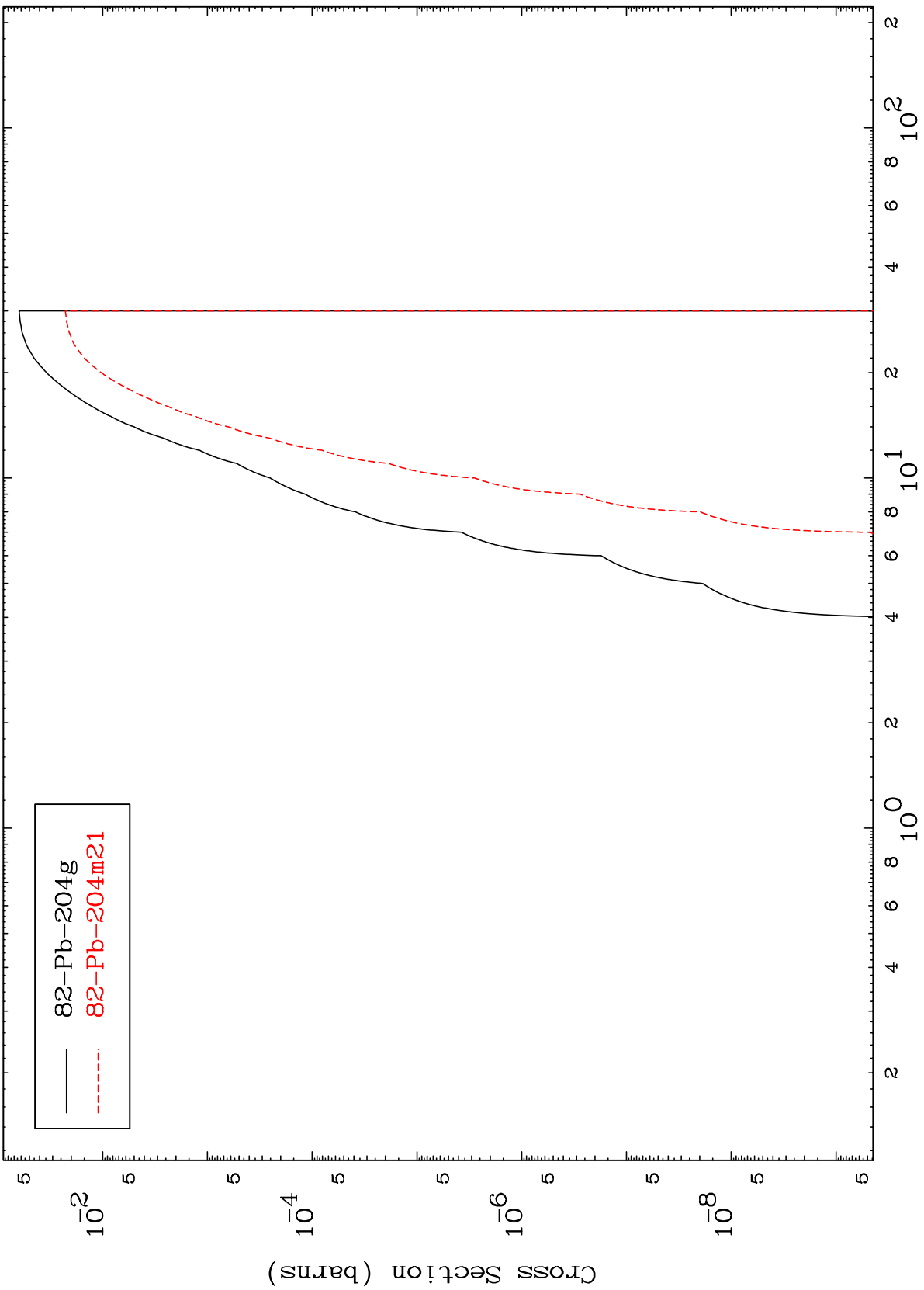
21

82-Pb-204

MAT 8225

82-Pb-204

(n,p)  
Radionuclide Production Cross Section

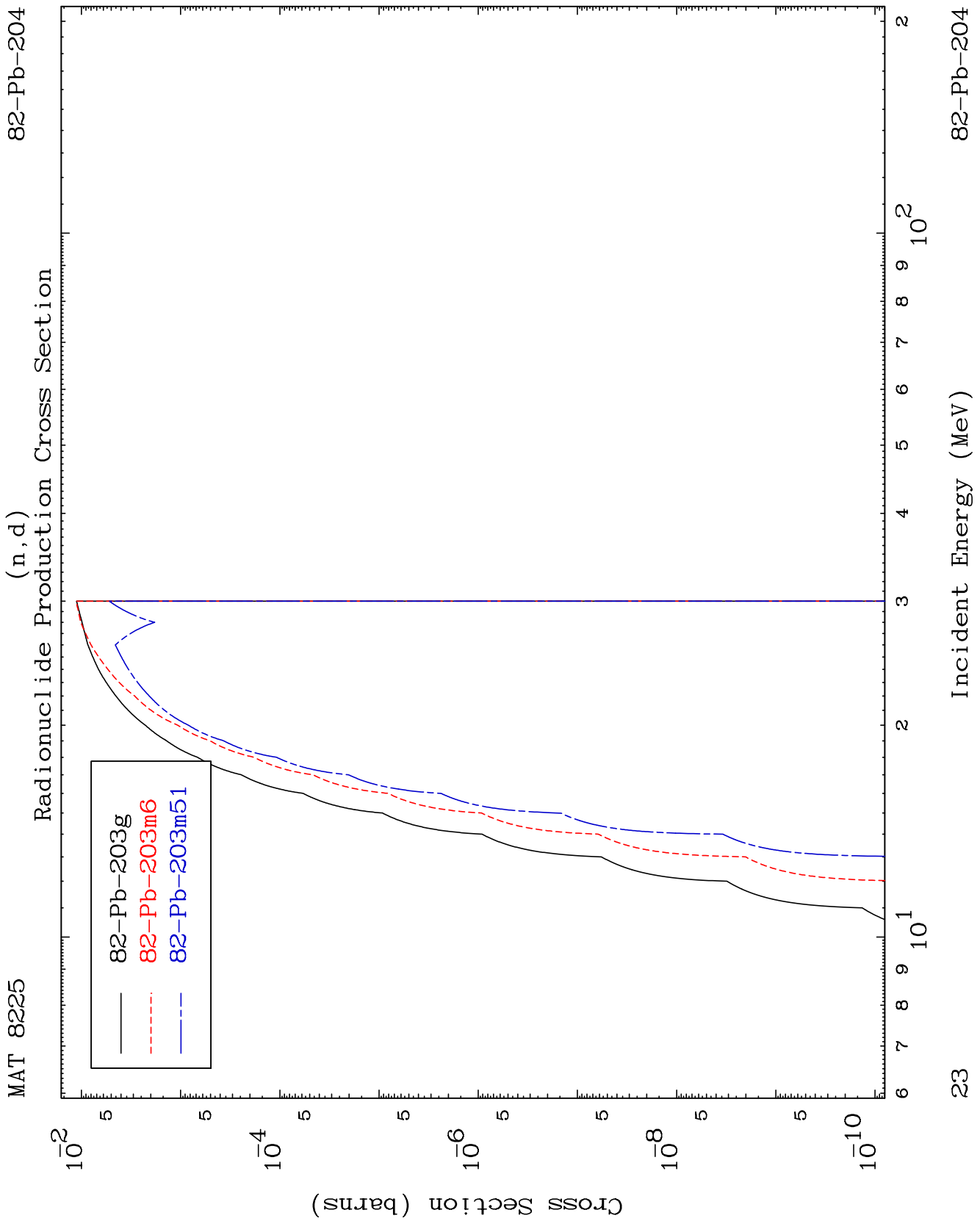


82-Pb-204g  
82-Pb-204m21

82-Pb-204

Incident Energy (MeV)

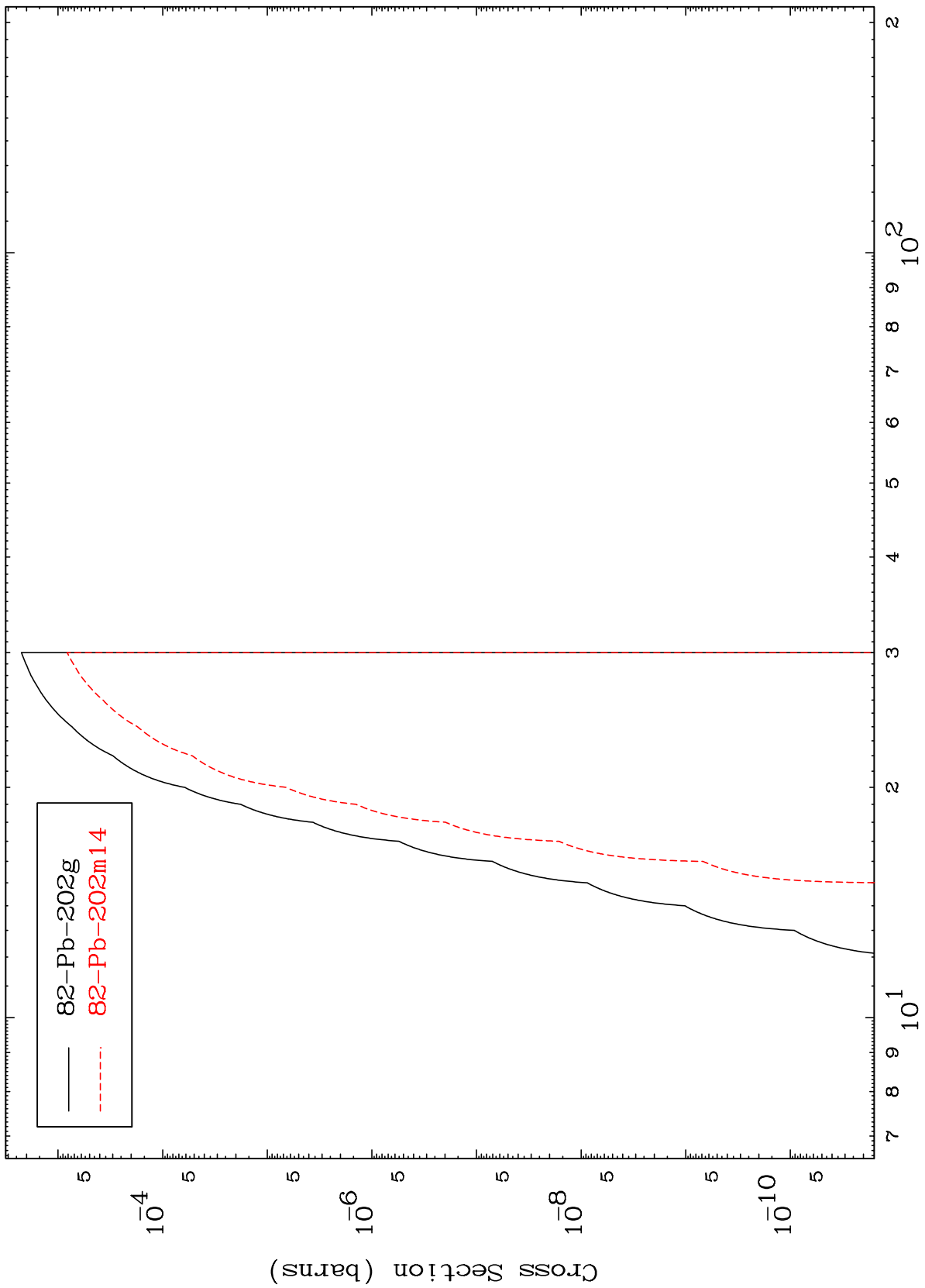
22



MAT 8225

82-Pb-204

(n,t)  
Radionuclide Production Cross Section



82-Pb-202g  
82-Pb-202m14

24

Incident Energy (MeV)

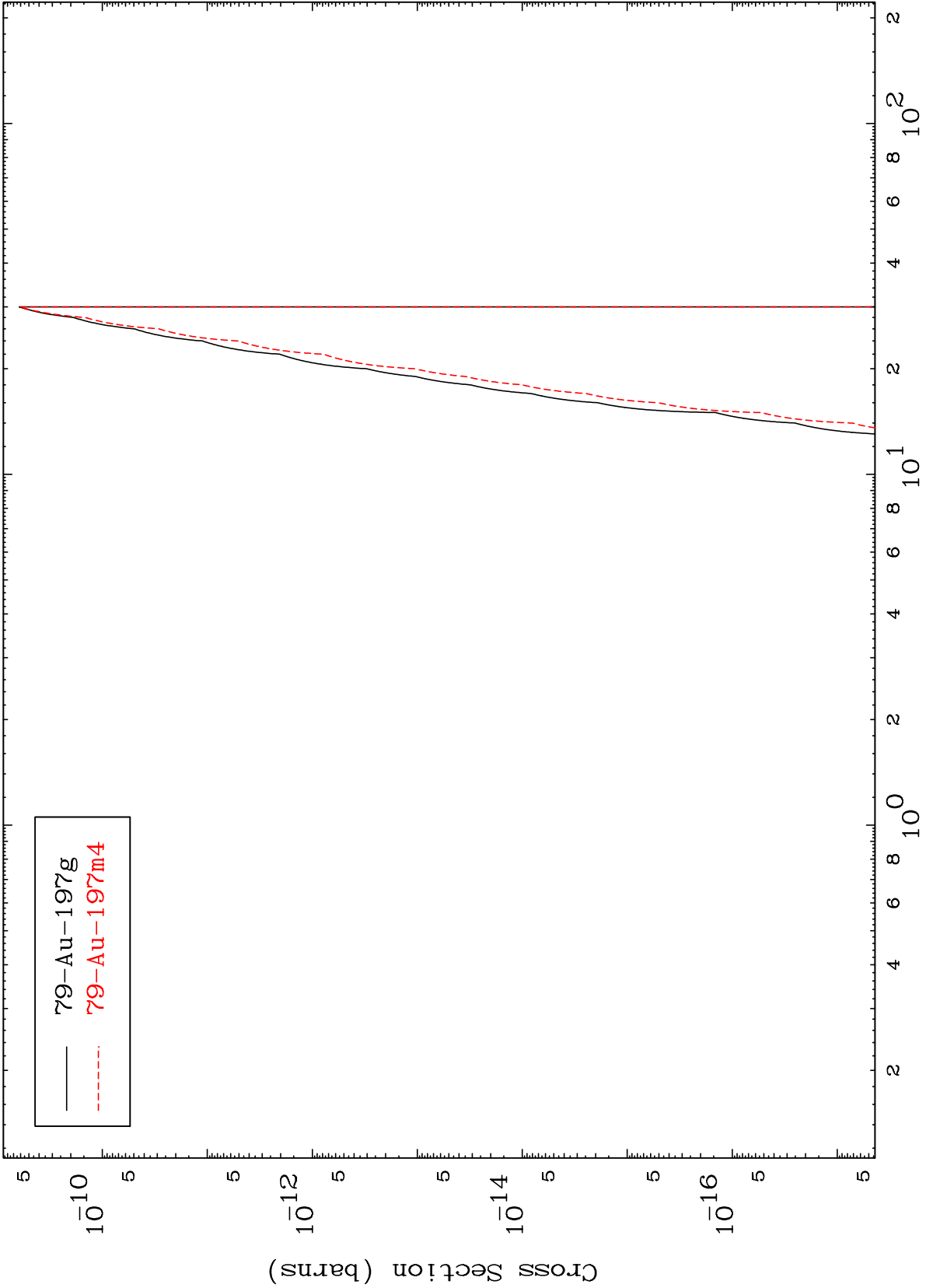
82-Pb-204

MAT 8225

(n,2α)

82-Pb-204

Radionuclide Production Cross Section



79-Au-197g  
79-Au-197m4

25

Incident Energy (MeV)

82-Pb-204