

Program EVALPLOT  
(Version 2021-1)

by

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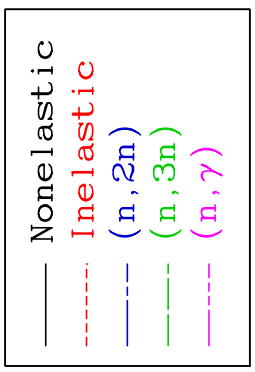
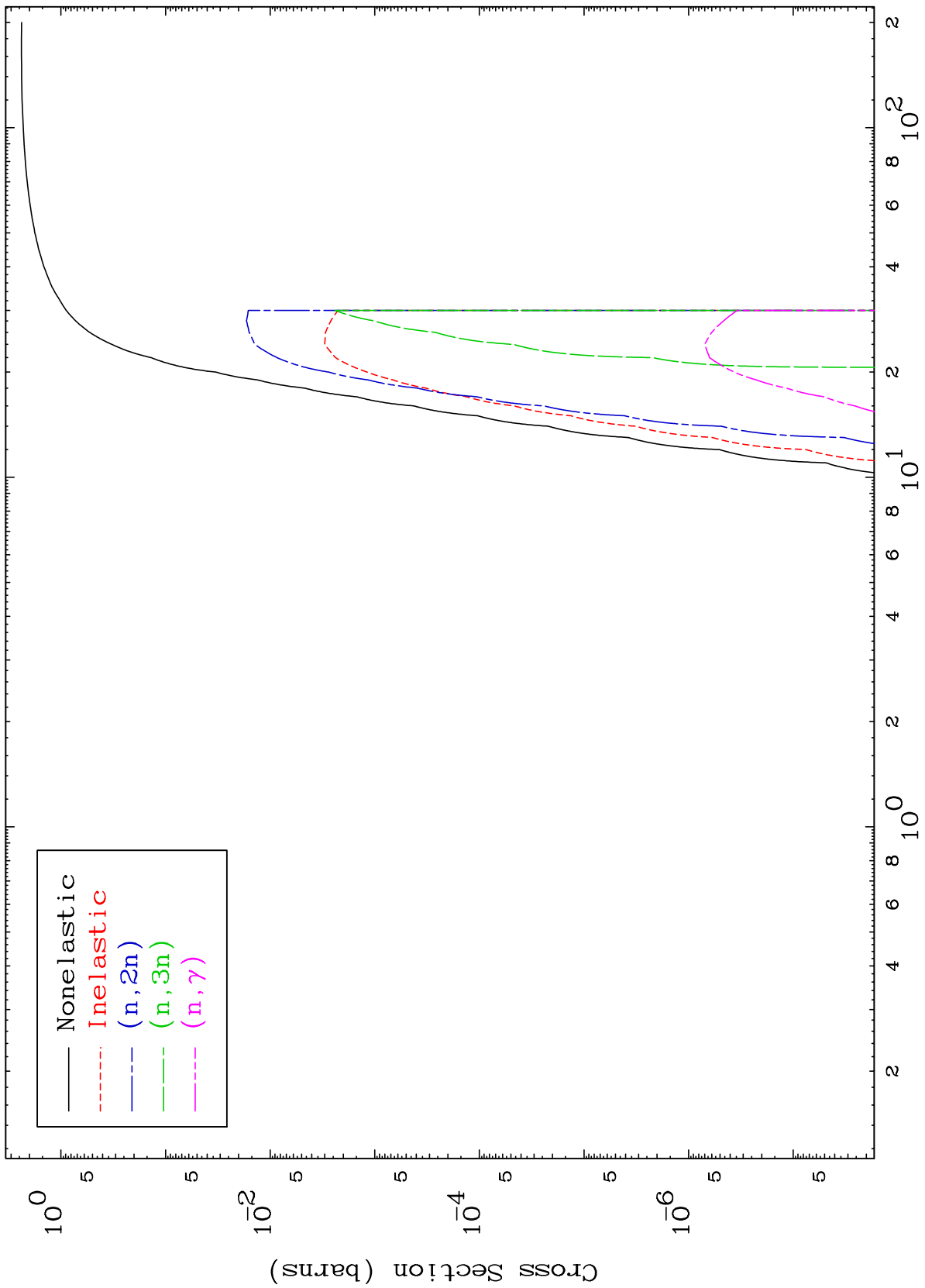
Press Mouse Button to Start

MAT 8205

He-3 Major

82-Pb-197m

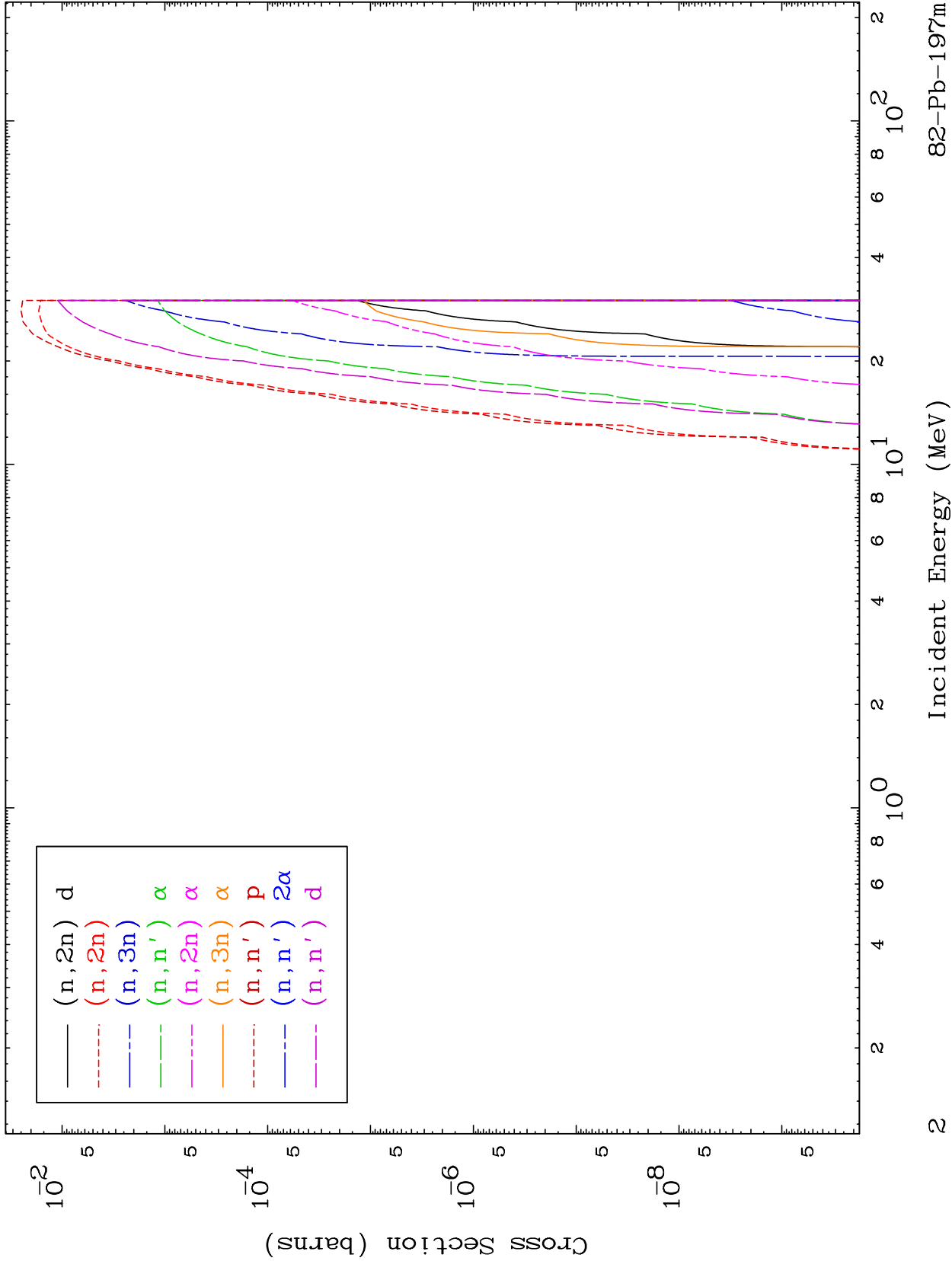
0 Kelvin Cross Sections



MAT 8205

He-3 Neutron Absorption  
0 Kelvin Cross Sections

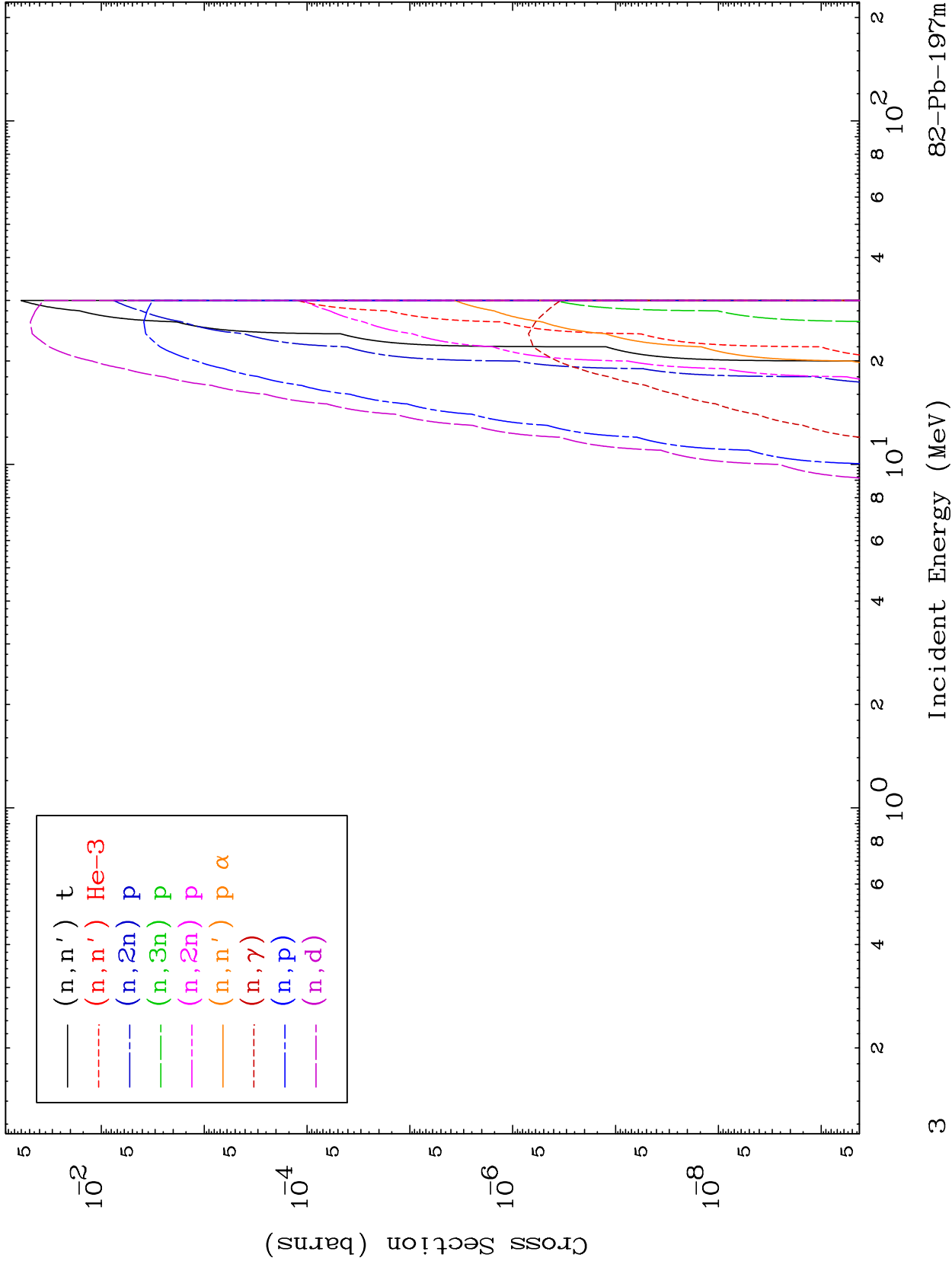
82-Pb-197m



MAT 8205

He-3 Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-197m



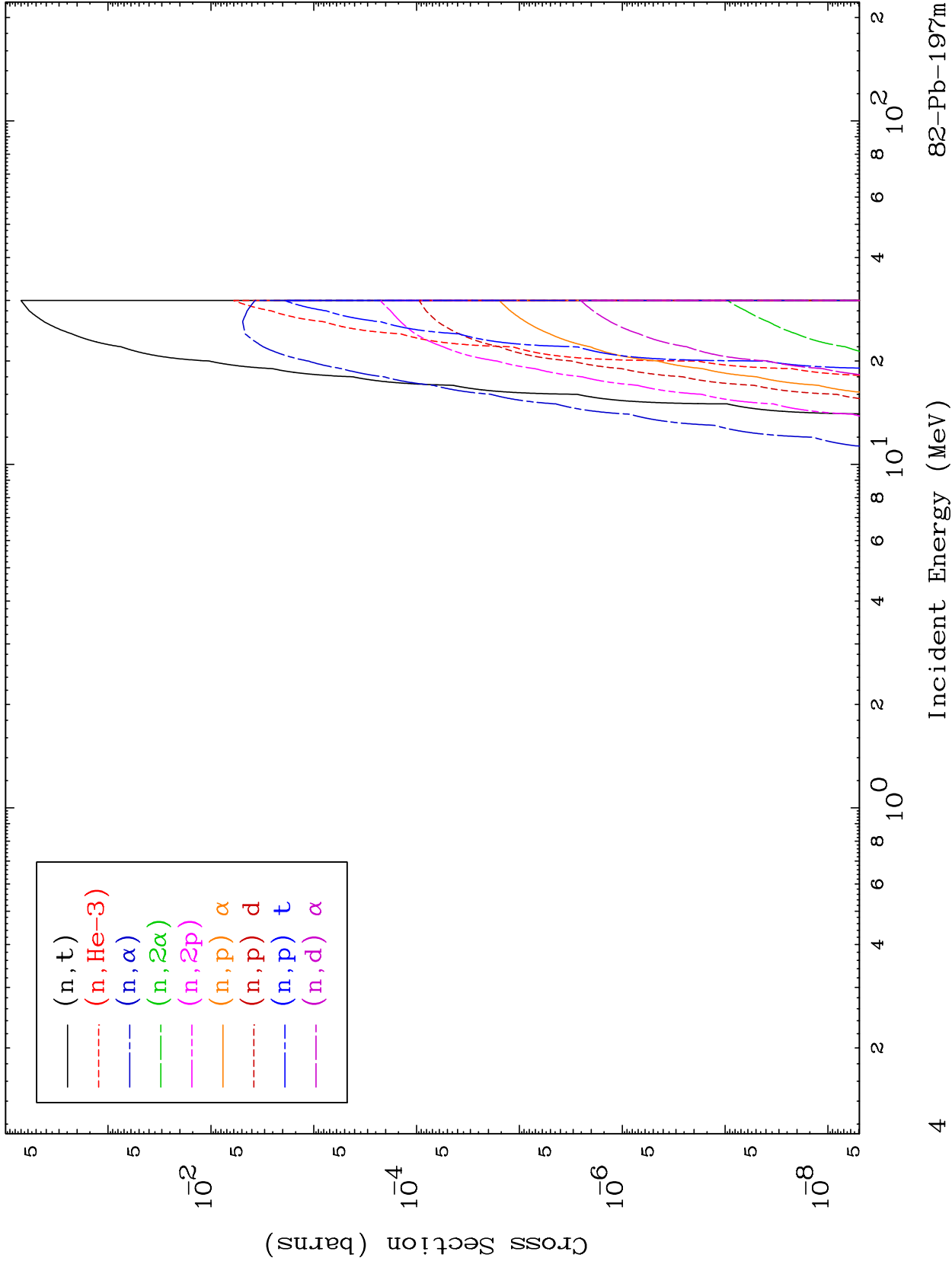
82-Pb-197m

Incident Energy (MeV)

MAT 8205

He-3 Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-197m

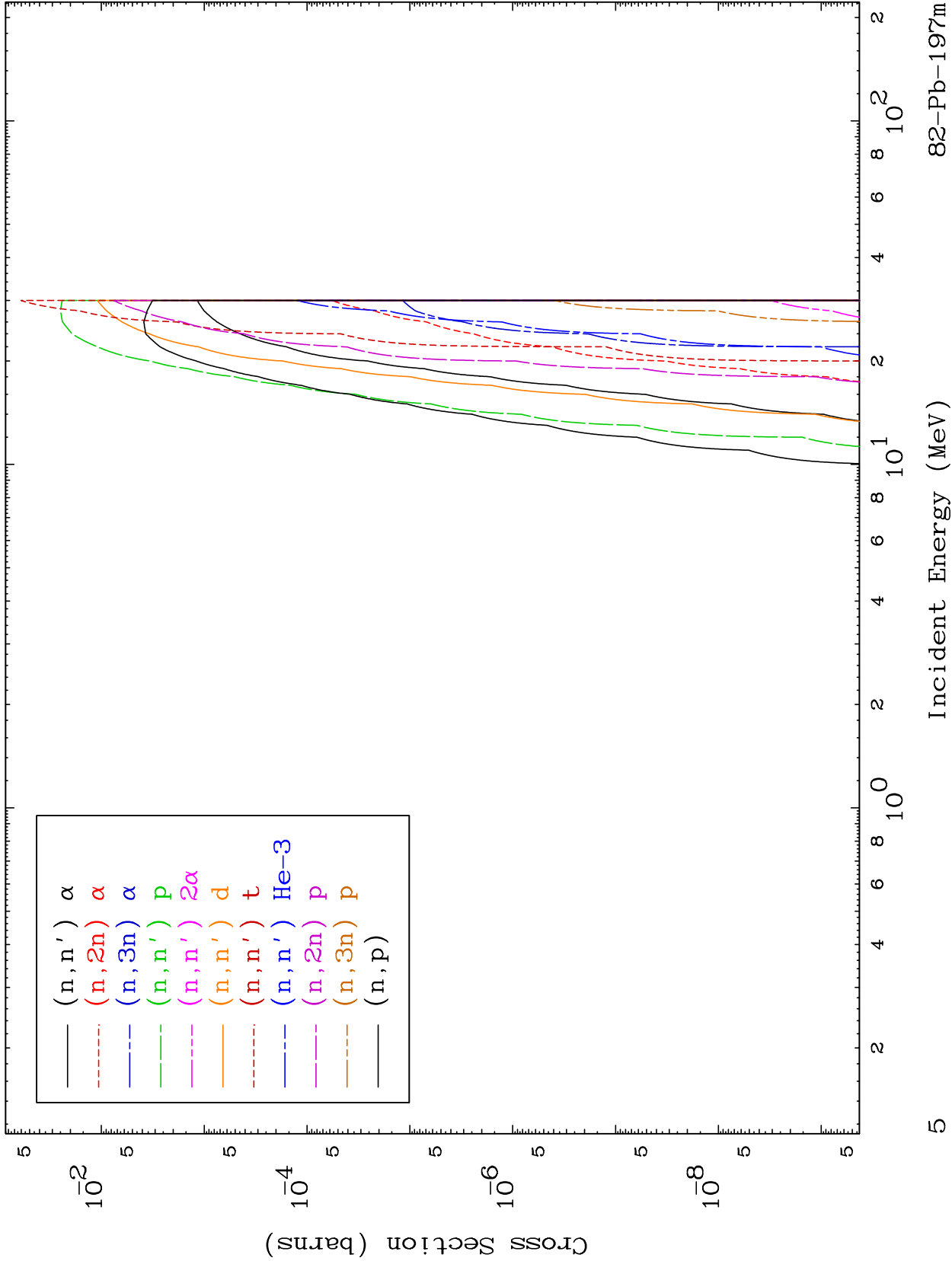


82-Pb-197m

MAT 8205

He-3 Charged Particle  
0 Kelvin Cross Sections

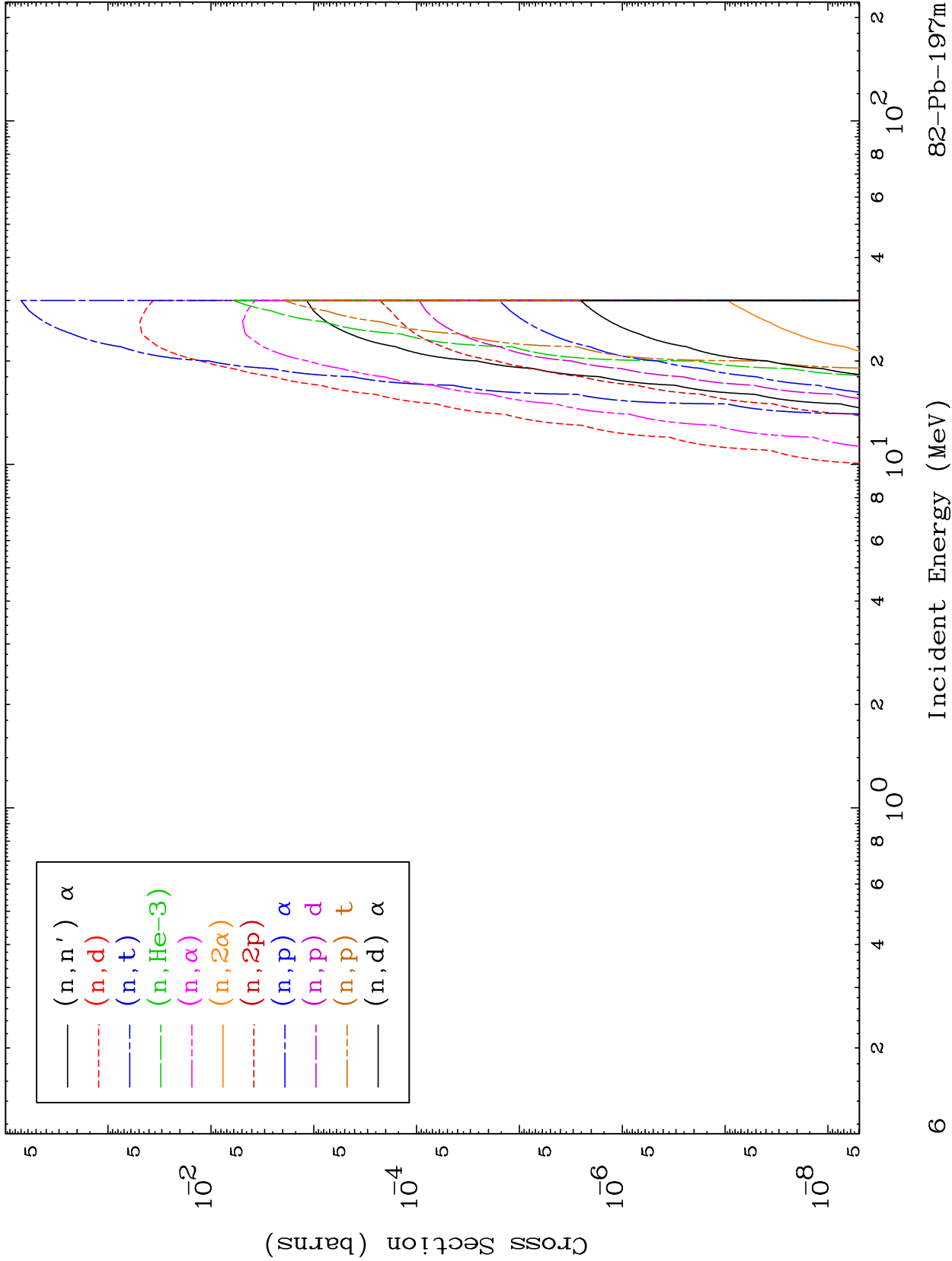
82-Pb-197m



MAT 8205

He-3 Charged Particle  
0 Kelvin Cross Sections

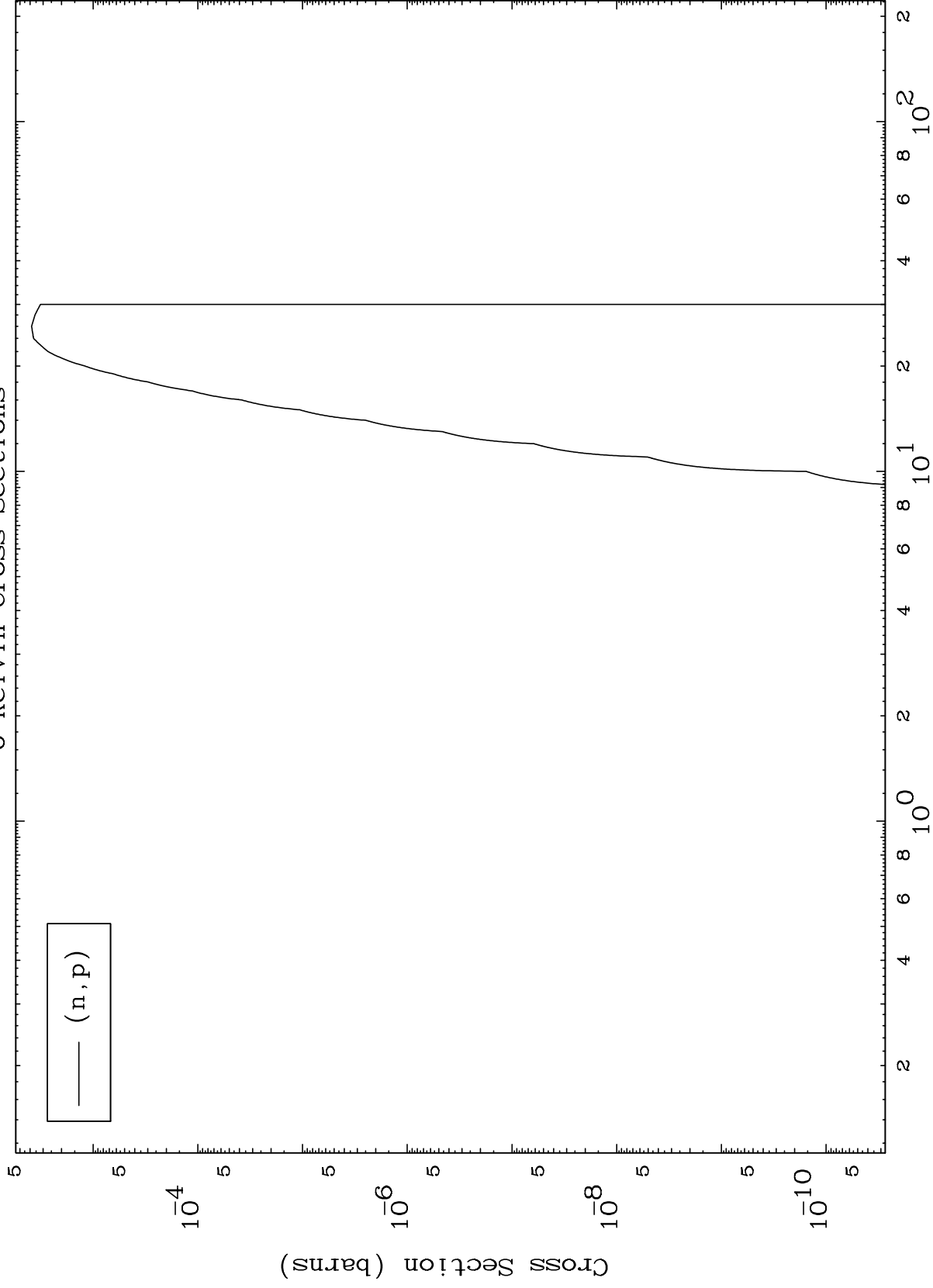
82-Pb-197m



MAT 8205

(He-3,p) Levels  
0 Kelvin Cross Sections

82-Pb-197m



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Incident Energy (MeV)

82-Pb-197m

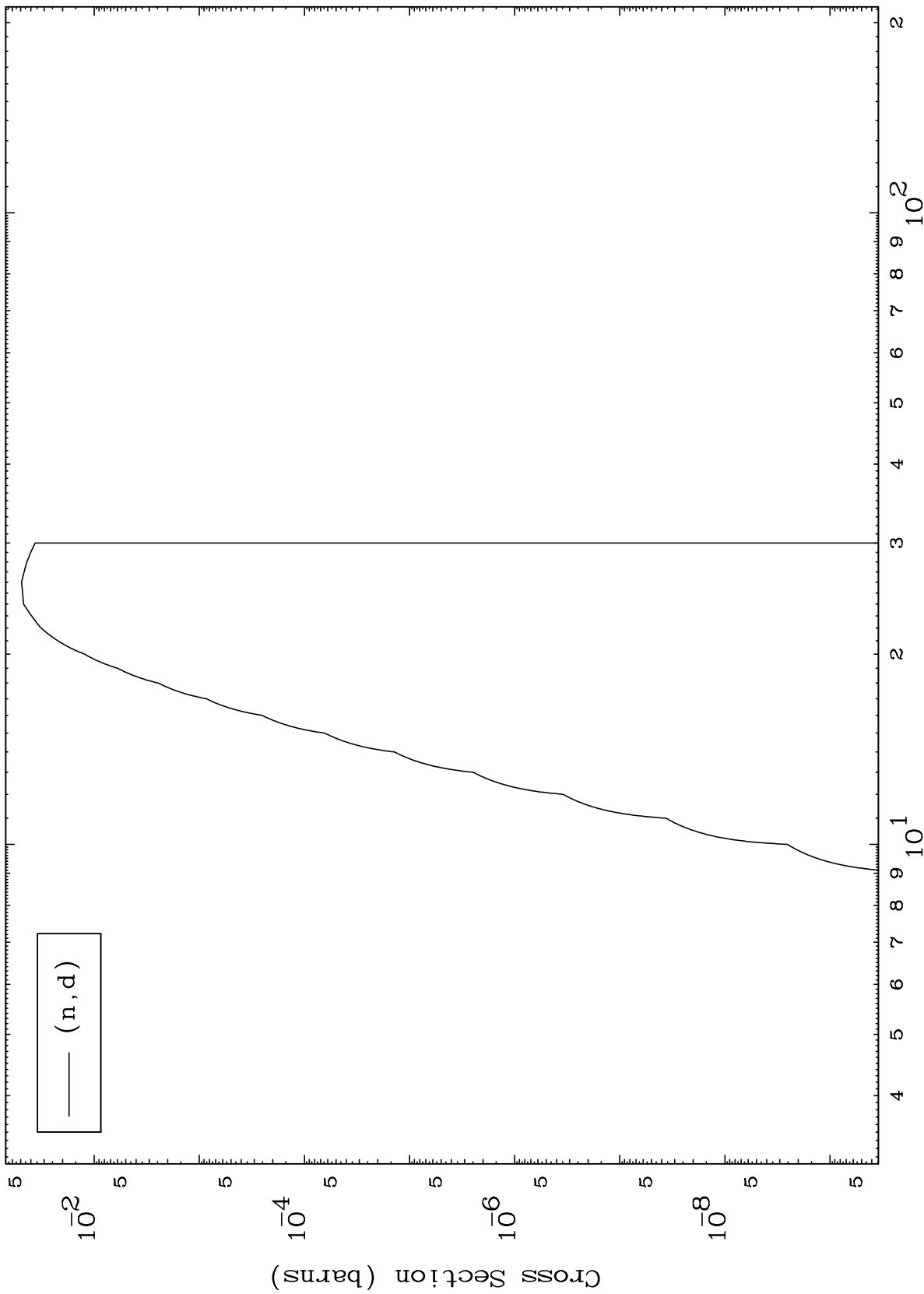


MAT 8205

(He-3,d) Levels

82-Pb-197m

0 Kelvin Cross Sections



(n,d)

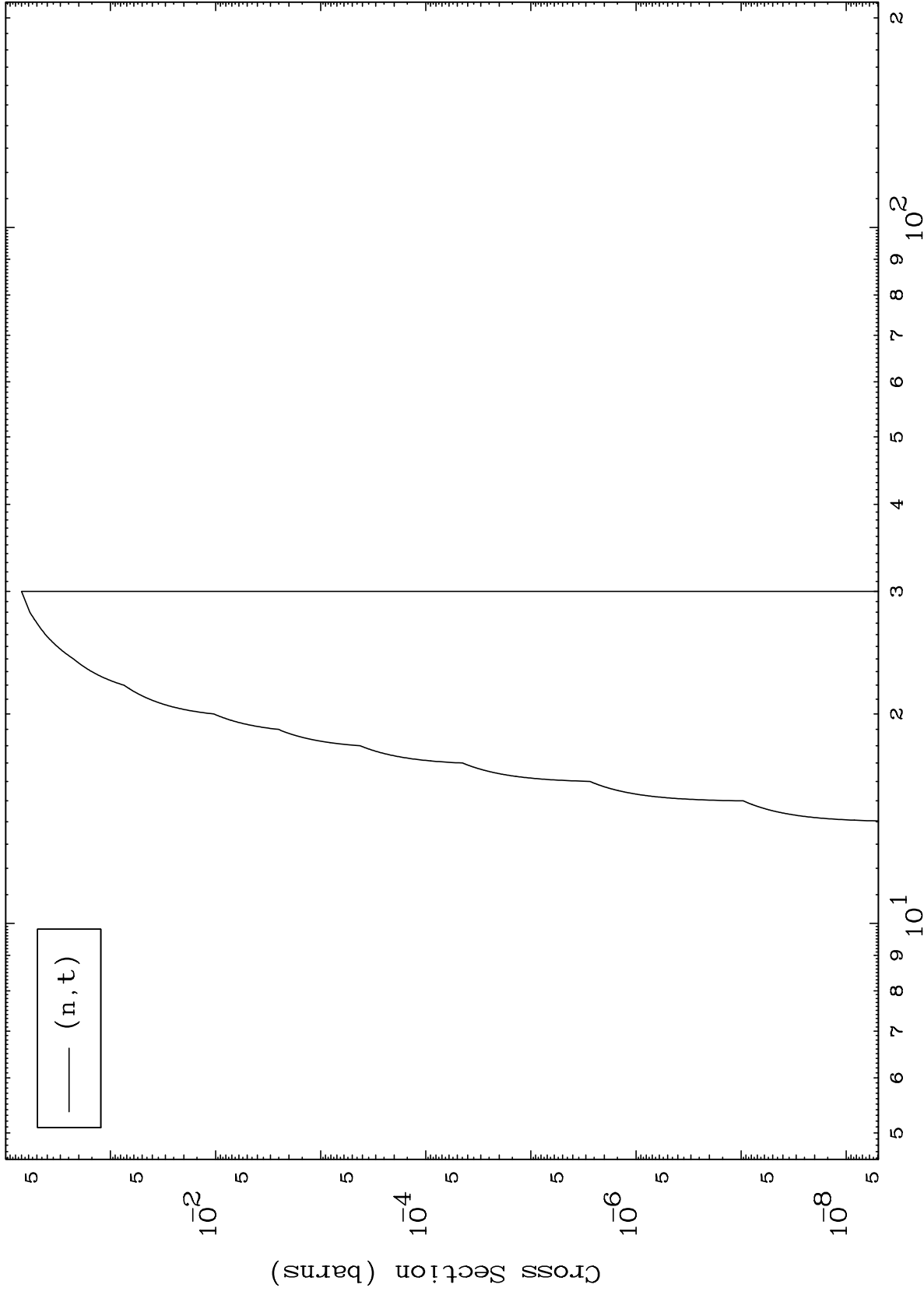
Incident Energy (MeV)

82-Pb-197m

MAT 8205

(He-3, t) Levels  
0 Kelvin Cross Sections

82-Pb-197m



9

Incident Energy (MeV)

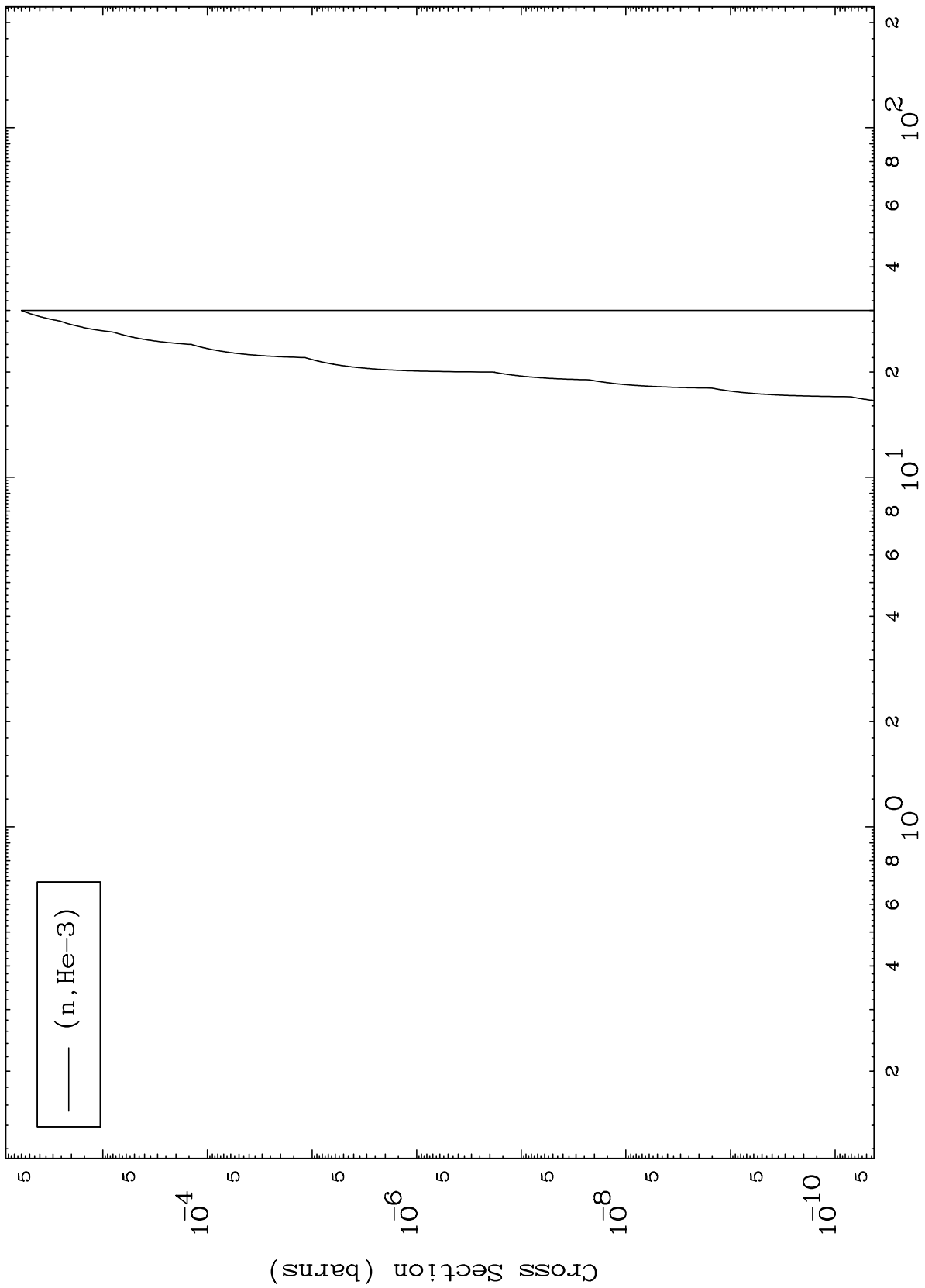
82-Pb-197m

MAT 8205

(He-3, He3) Levels

82-Pb-197m

0 Kelvin Cross Sections



10

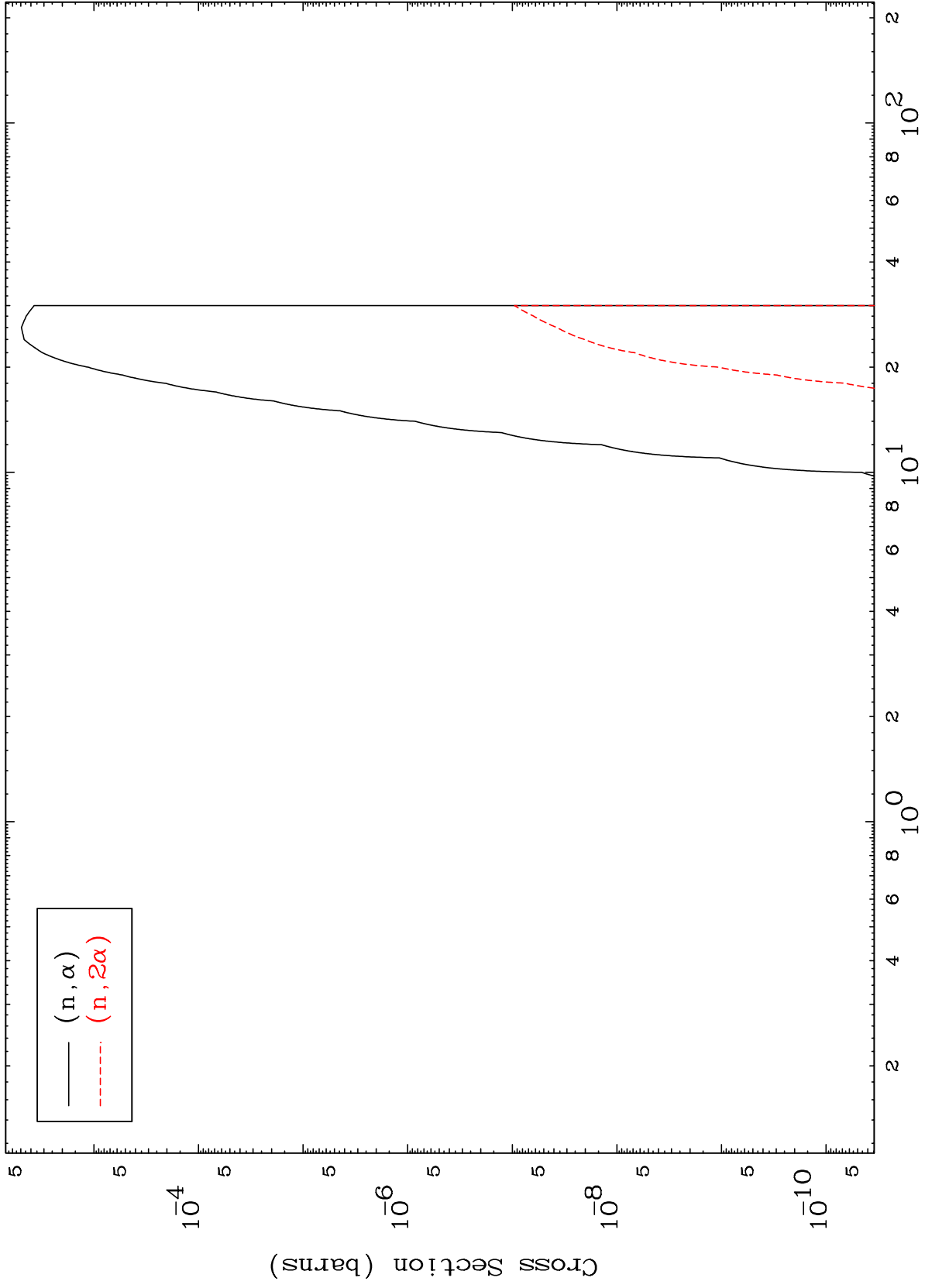
Incident Energy (MeV)

82-Pb-197m

MAT 8205

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

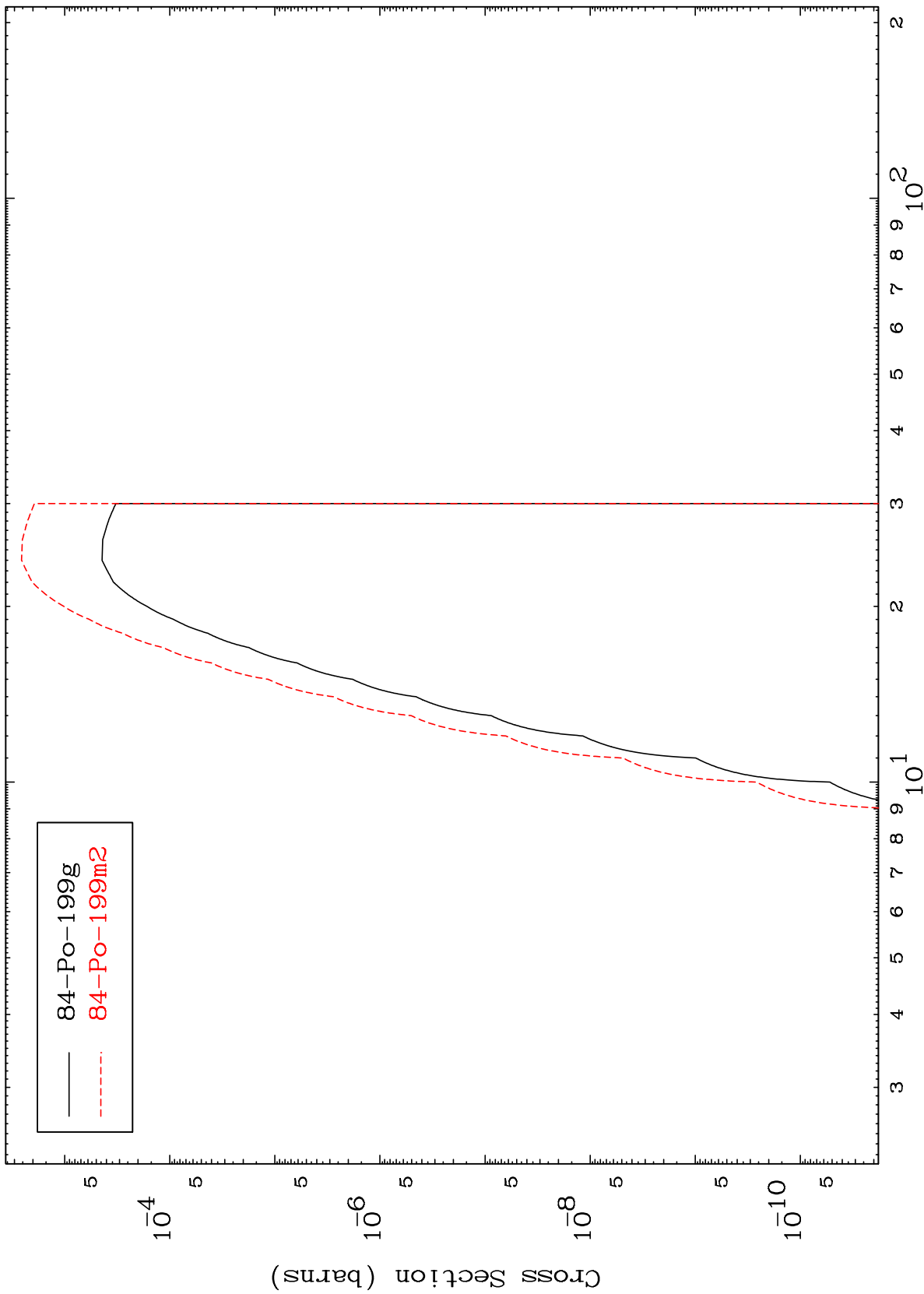
82-Pb-197m



MAT 8205

82-Pb-197m

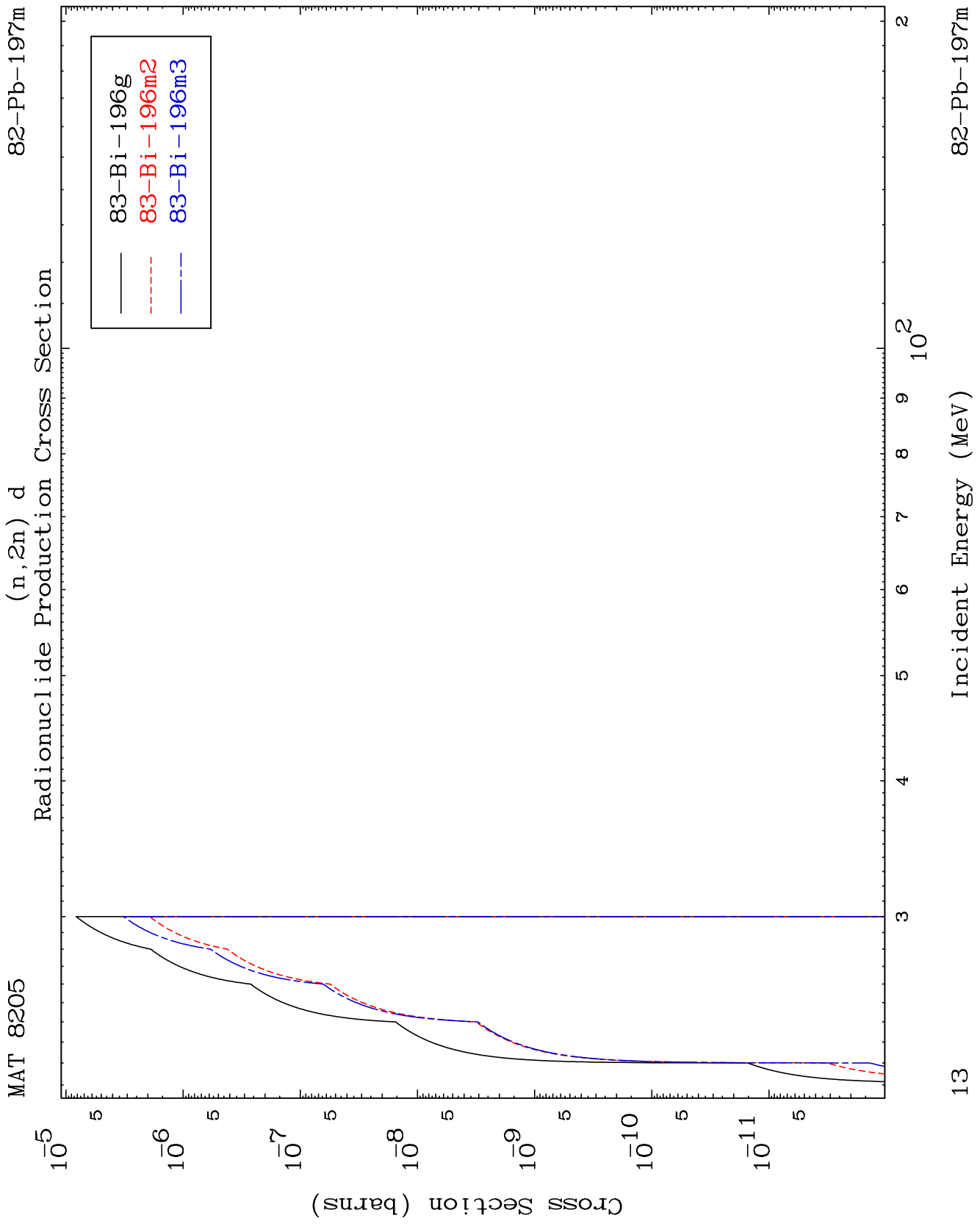
Radionuclide Production Cross Section



82-Pb-197m

Incident Energy (MeV)

12

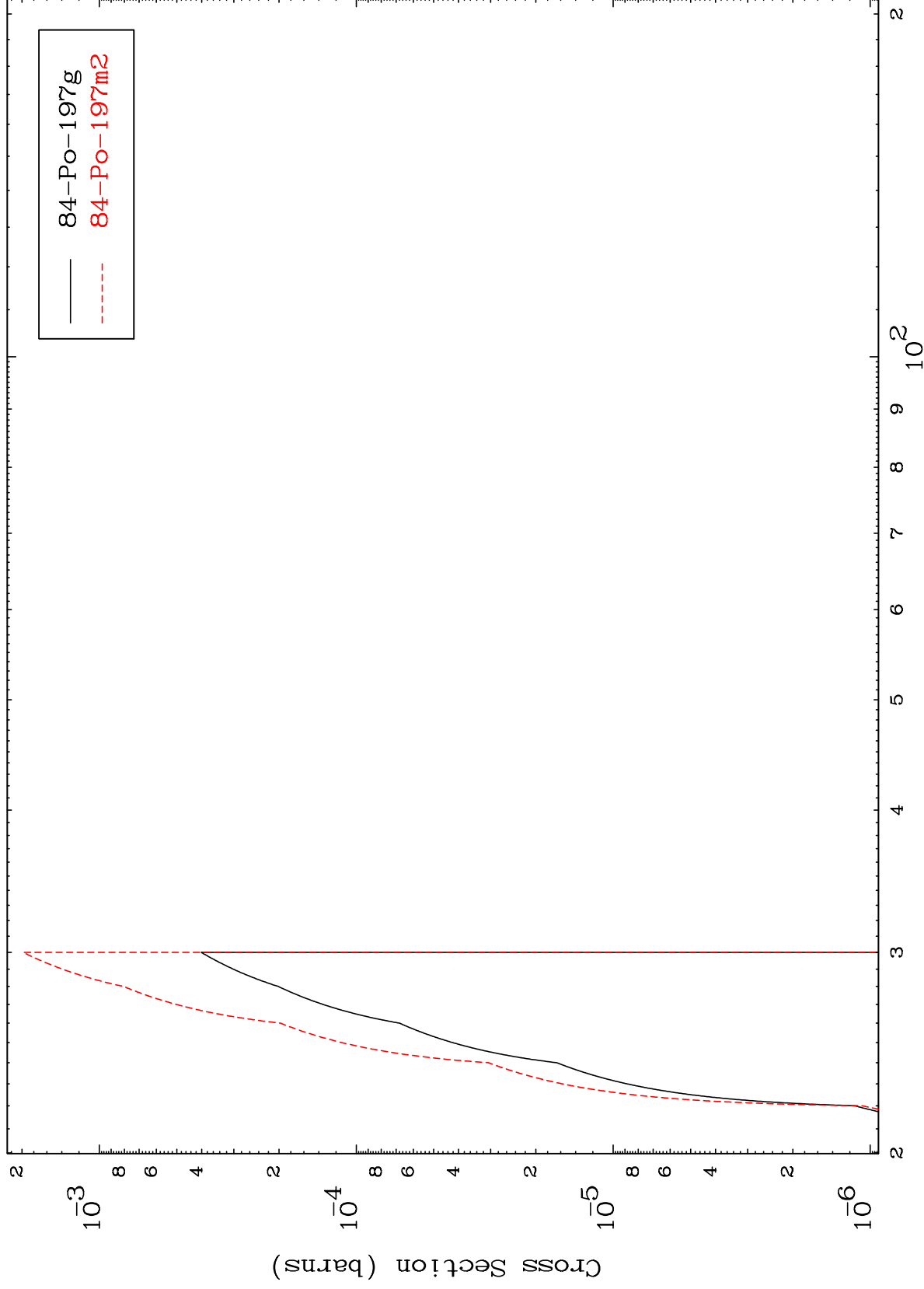


MAT 8205

(n,3n)

82-Pb-197m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

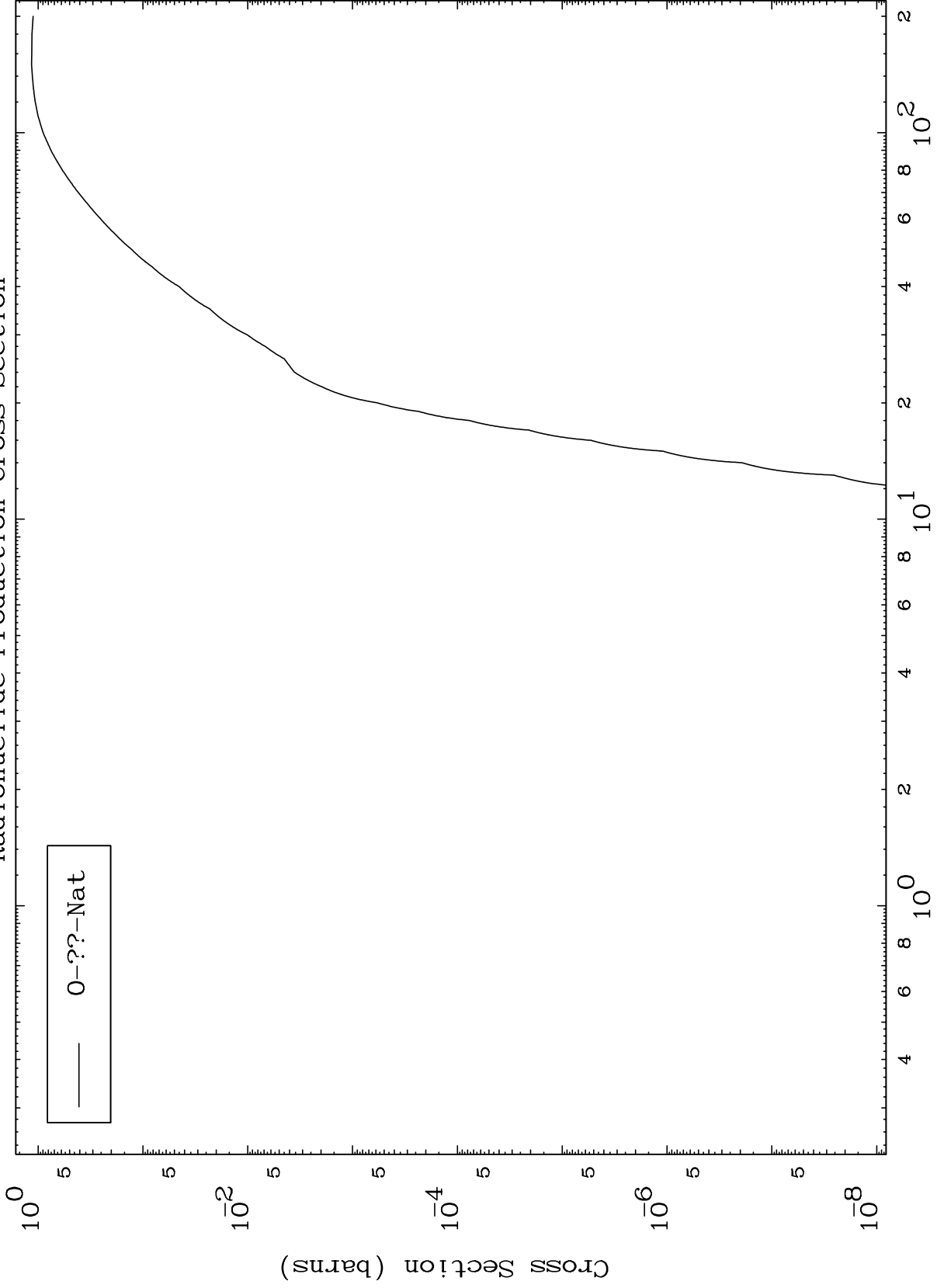
82-Pb-197m

MAT 8205

Fission

<sup>82</sup>Pb-197m

Radionuclide Production Cross Section



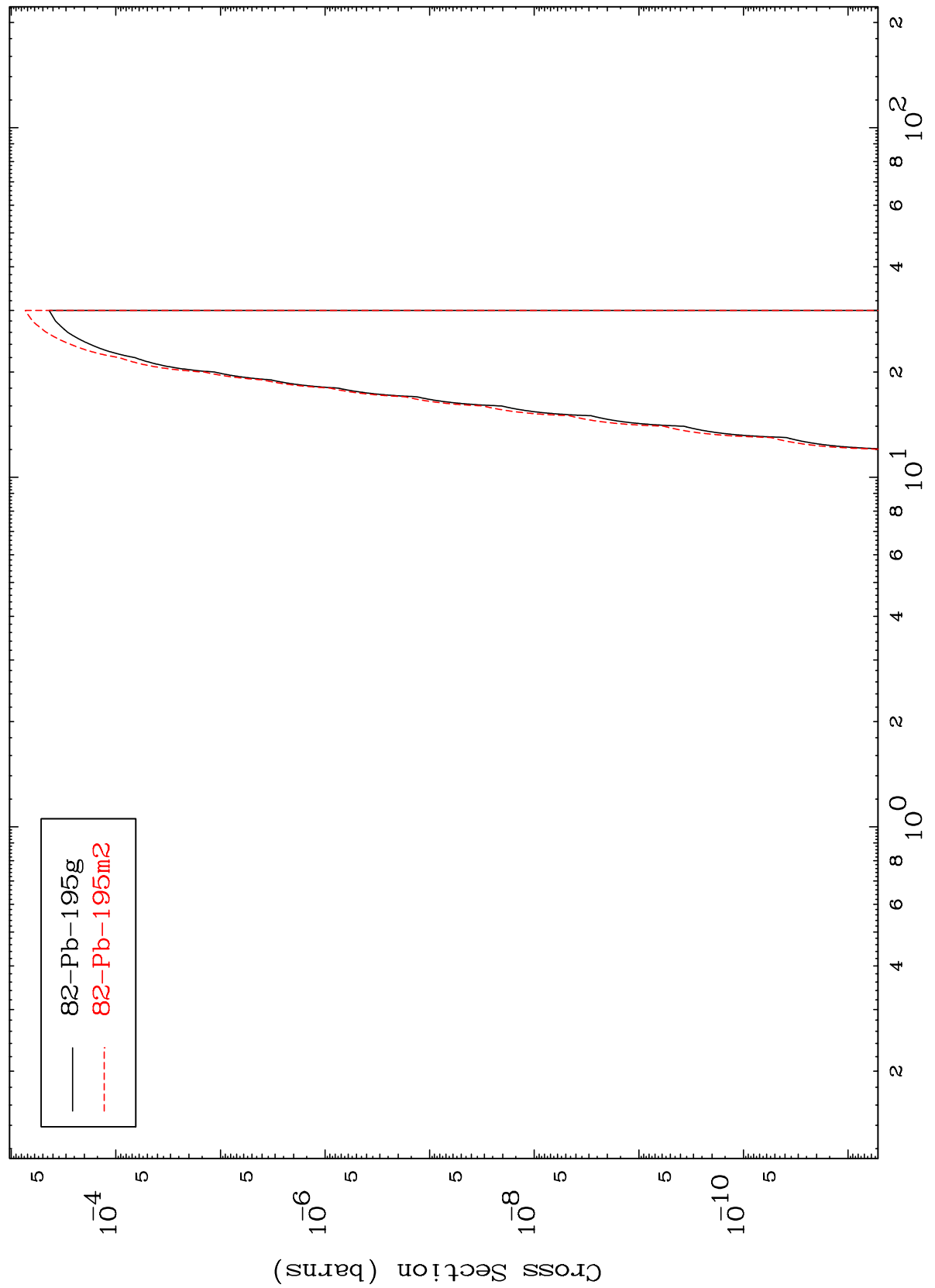


MAT 8205

$(n, n') \alpha$

82-Pb-197m

Radionuclide Production Cross Section



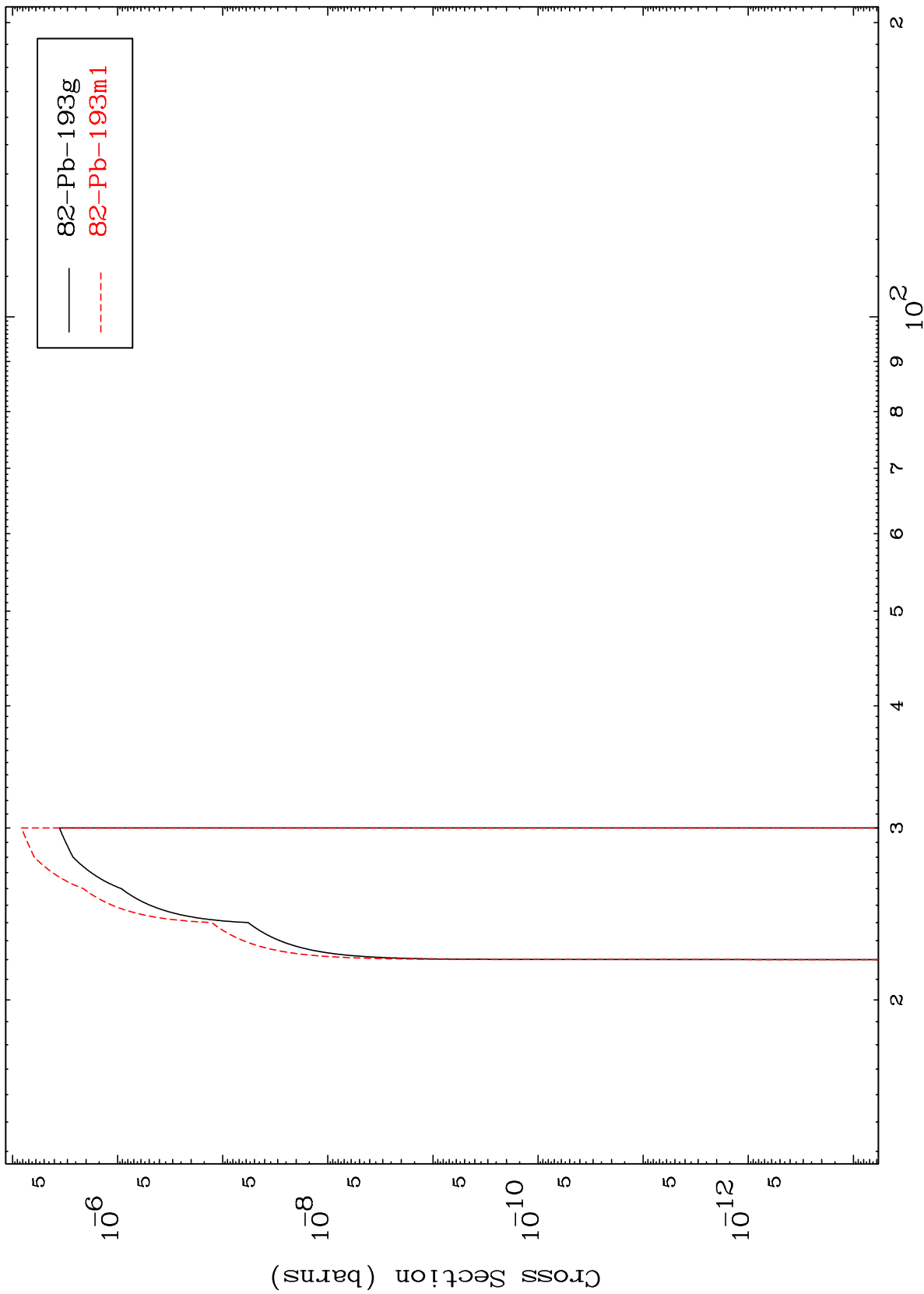
82-Pb-195g  
82-Pb-195m2

MAT 8205

$(n,3n) \alpha$

82-Pb-197m

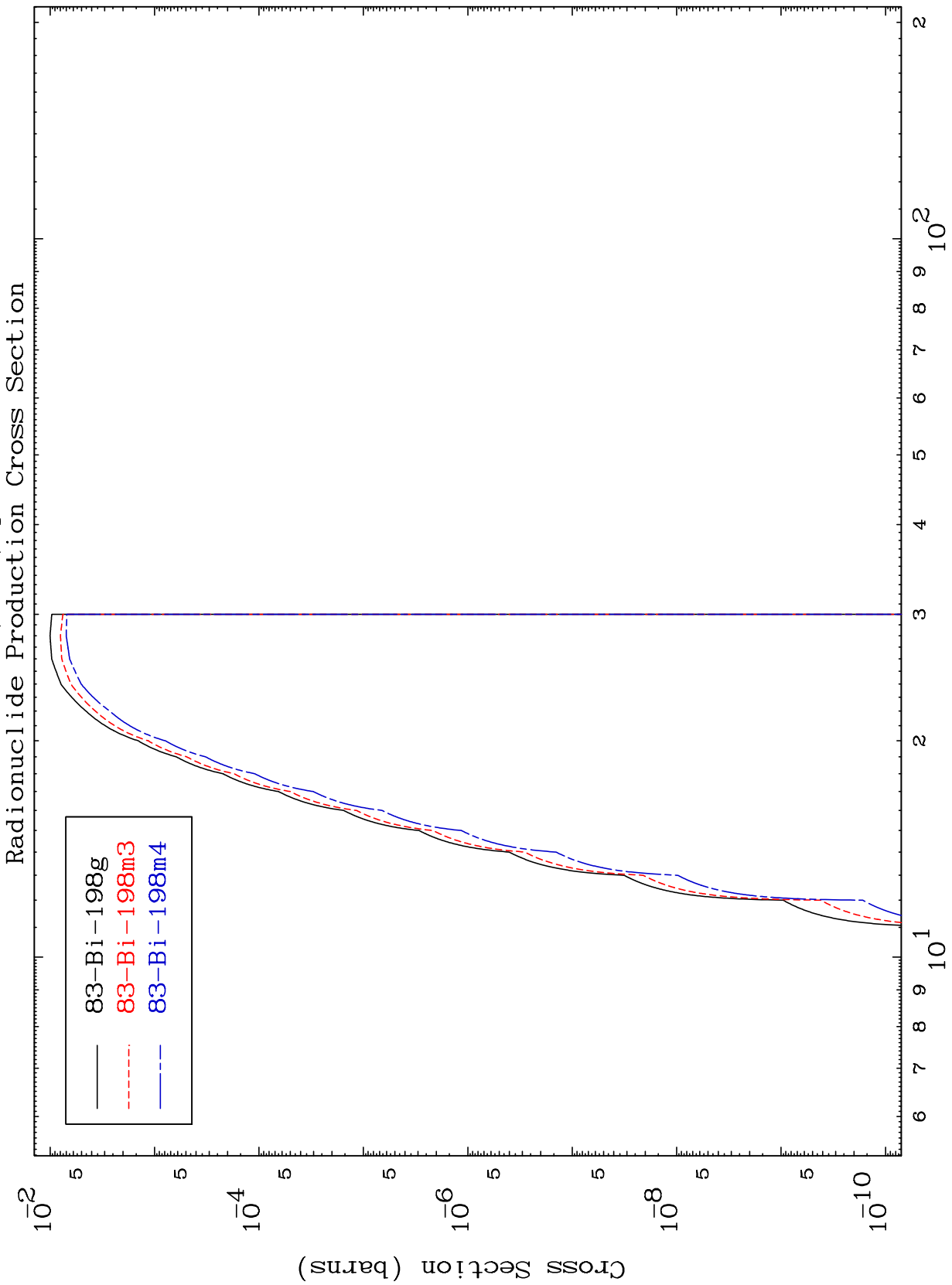
Radionuclide Production Cross Section



MAT 8205

(n,n') p

82-Pb-197m



18

Incident Energy (MeV)

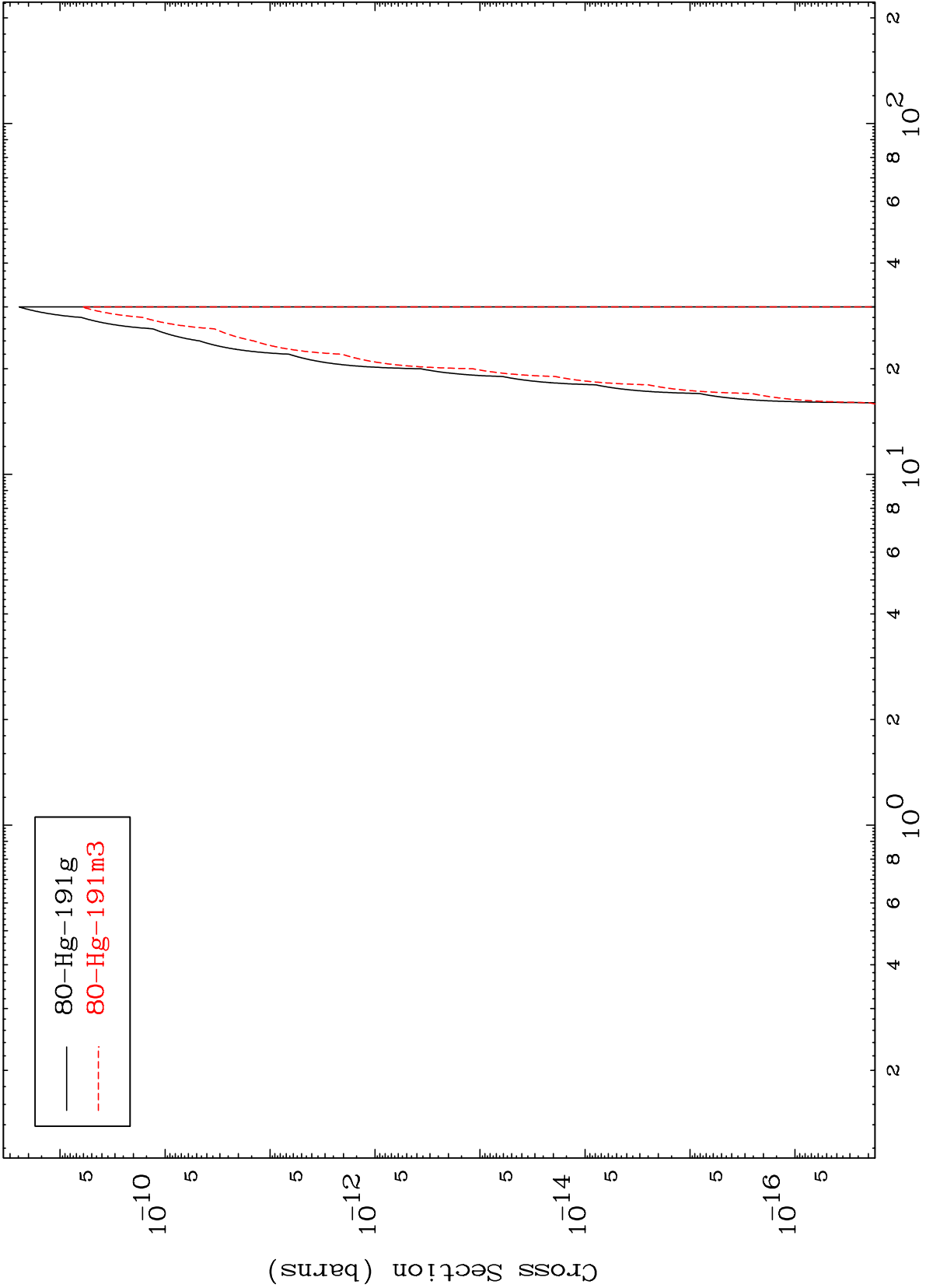
82-Pb-197m

MAT 8205

(n,n') 2α

82-Pb-197m

Radionuclide Production Cross Section

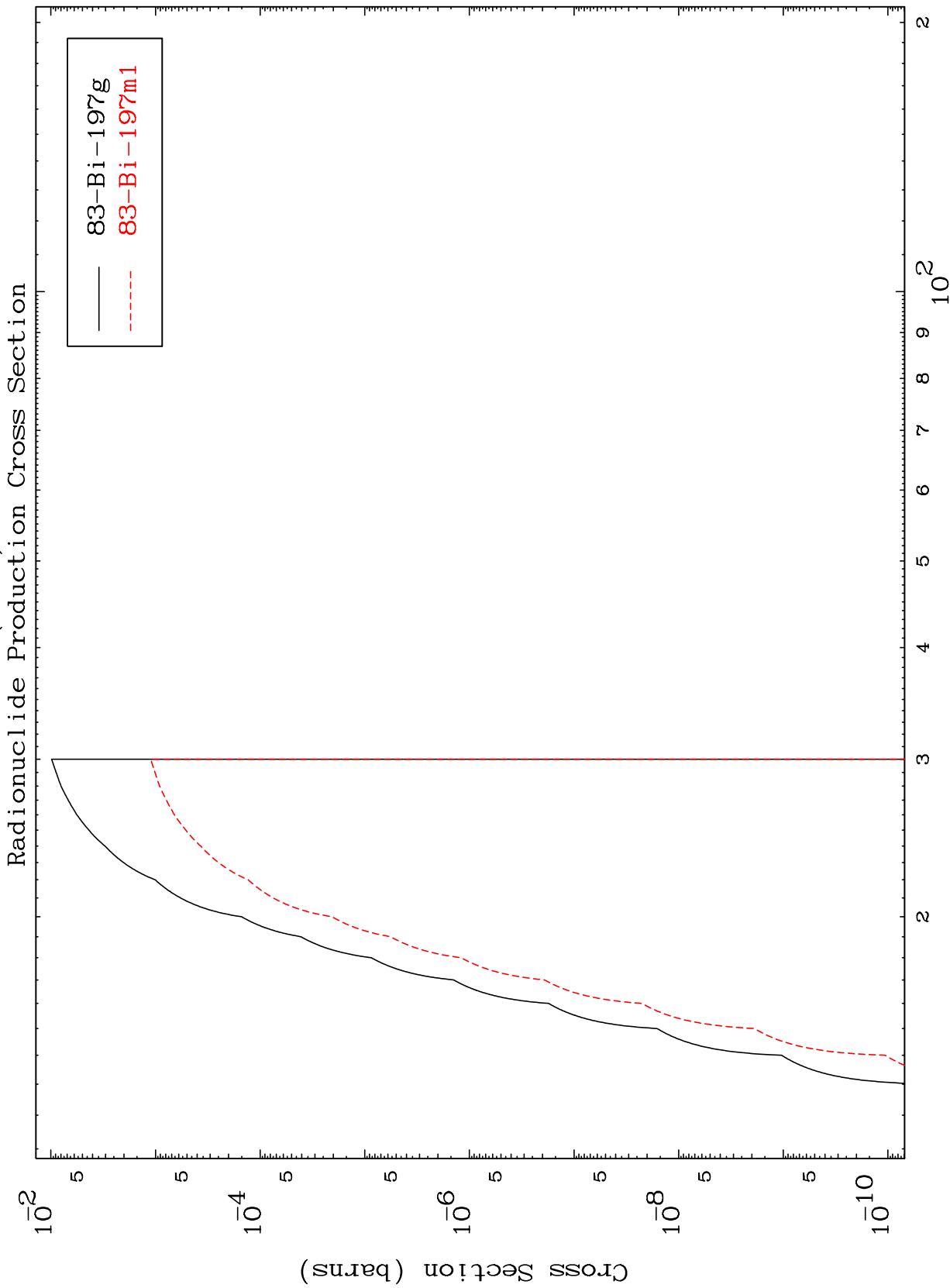


80-Hg-191g  
80-Hg-191m3

MAT 8205

(n,n') d

82-Pb-197m



20

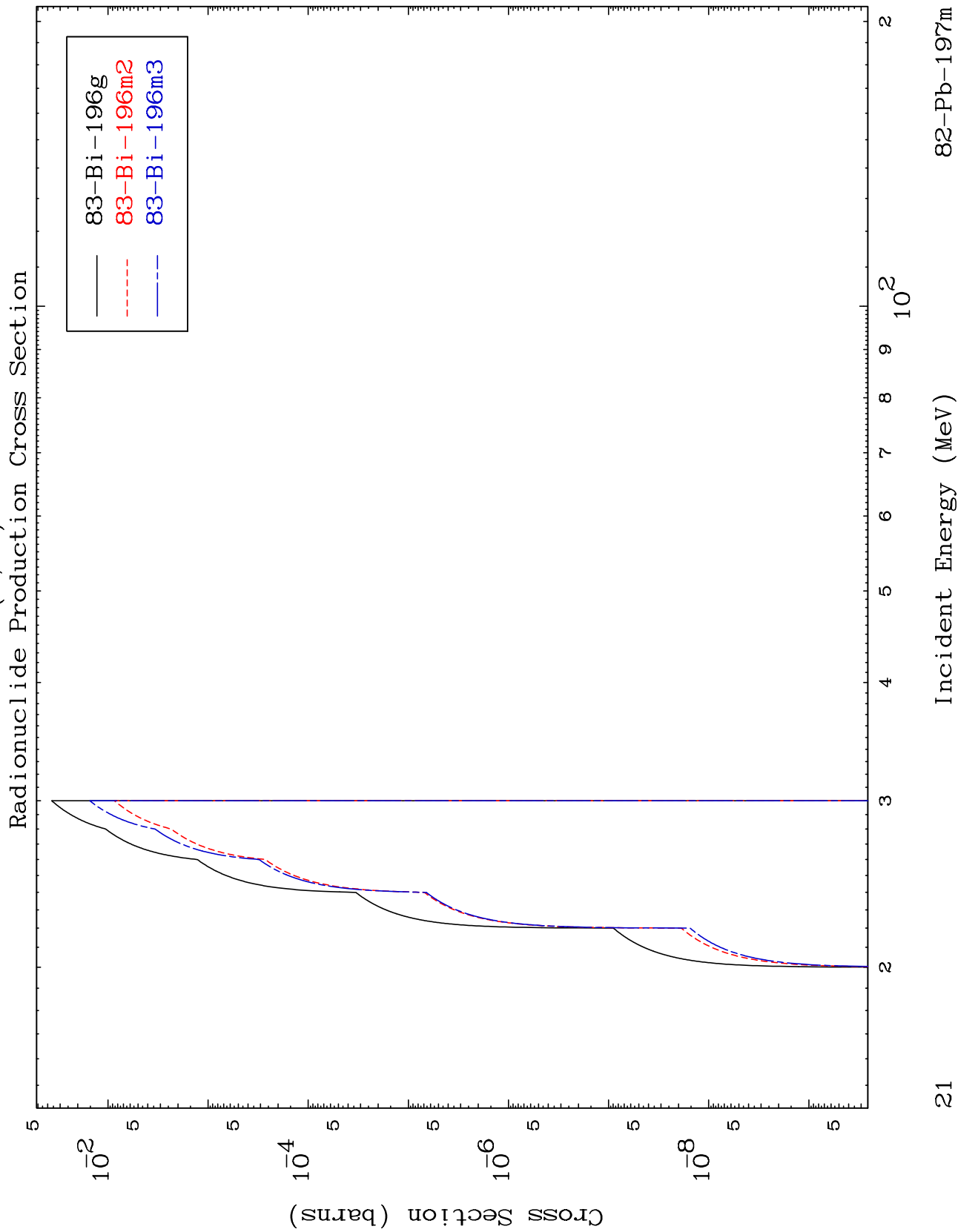
Incident Energy (MeV)

82-Pb-197m

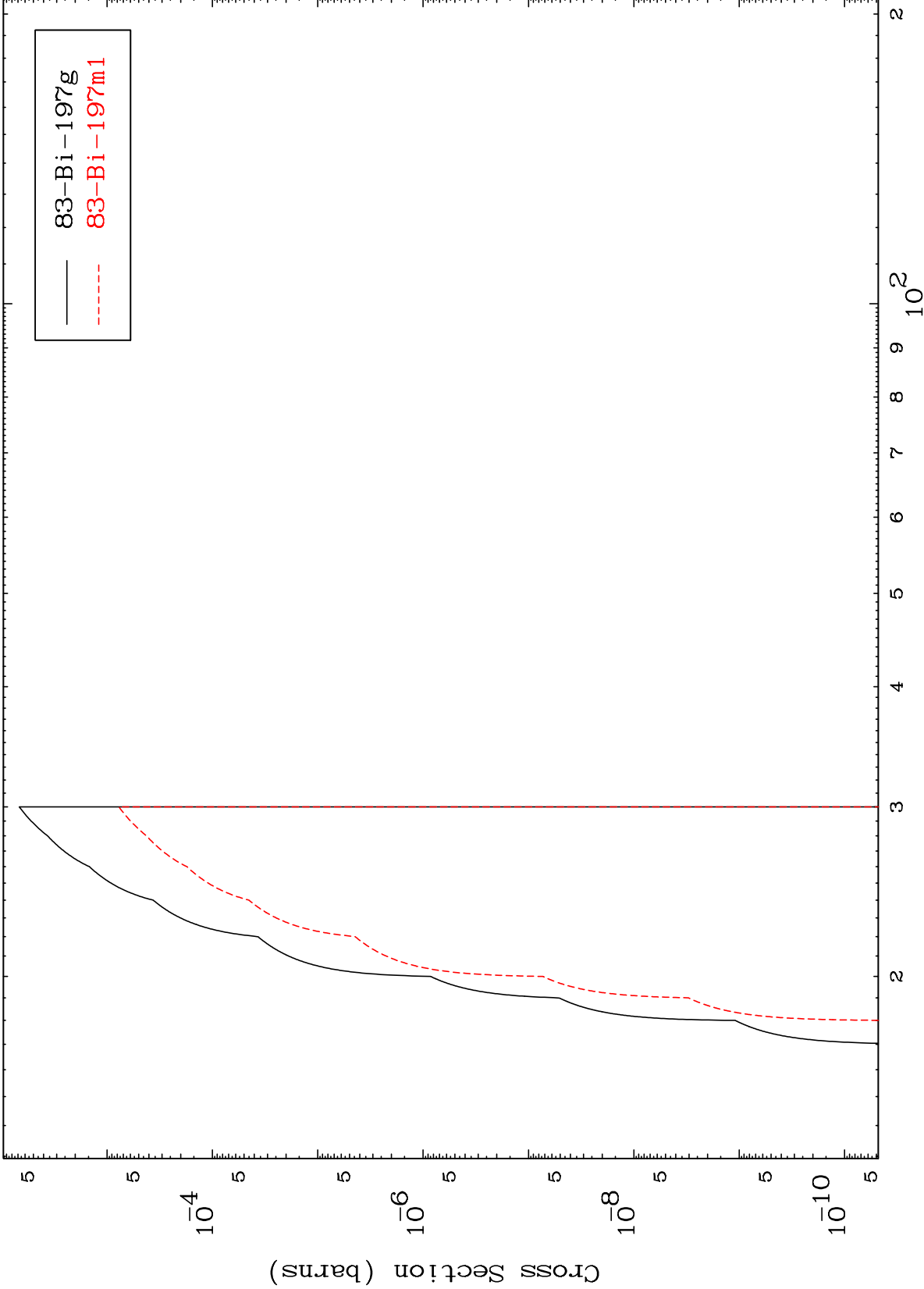
MAT 8205

(n,n') t

82-Pb-197m

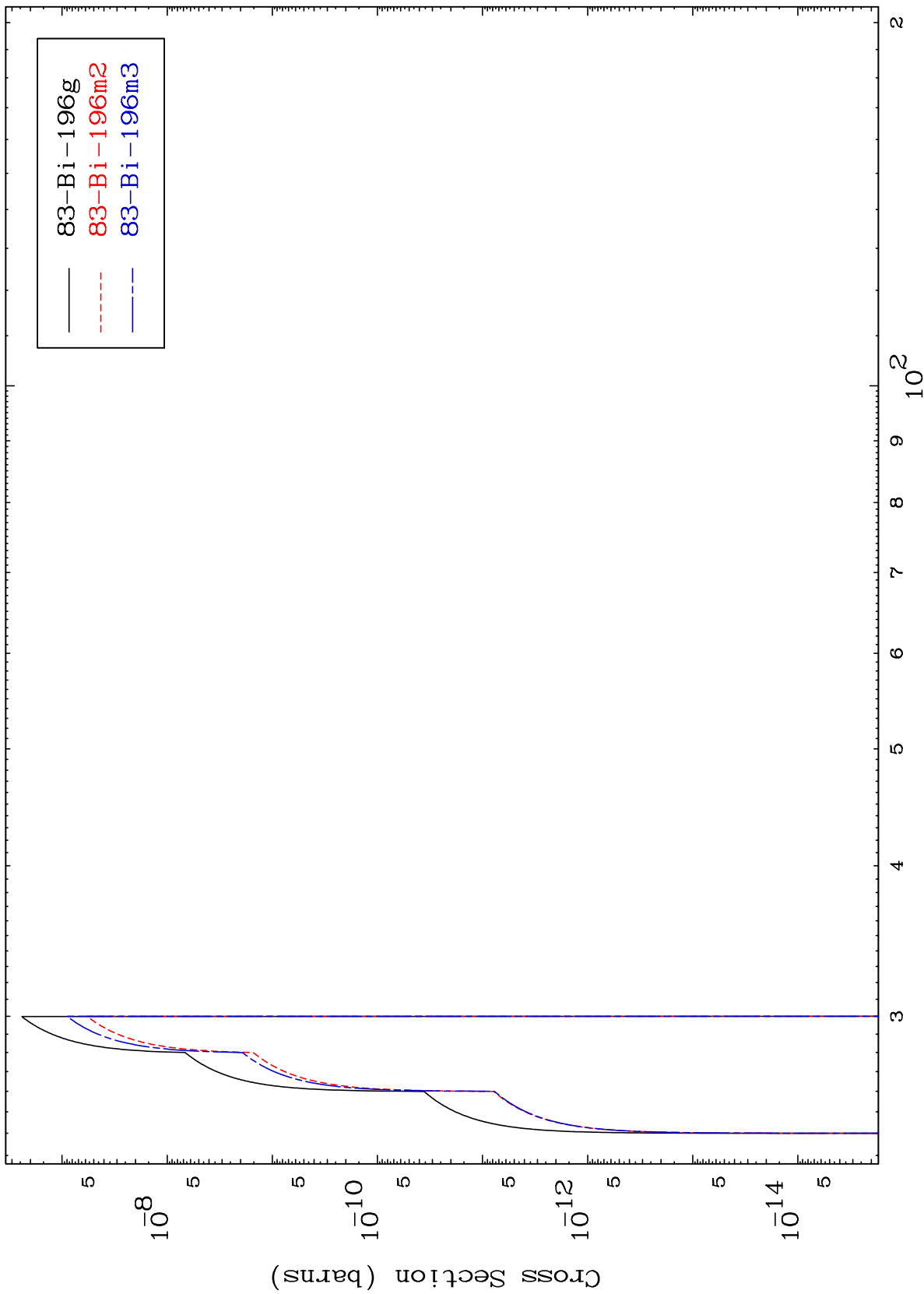


Radionuclide Production Cross Section



83-Bi-197g  
83-Bi-197m1

Radionuclide Production Cross Section



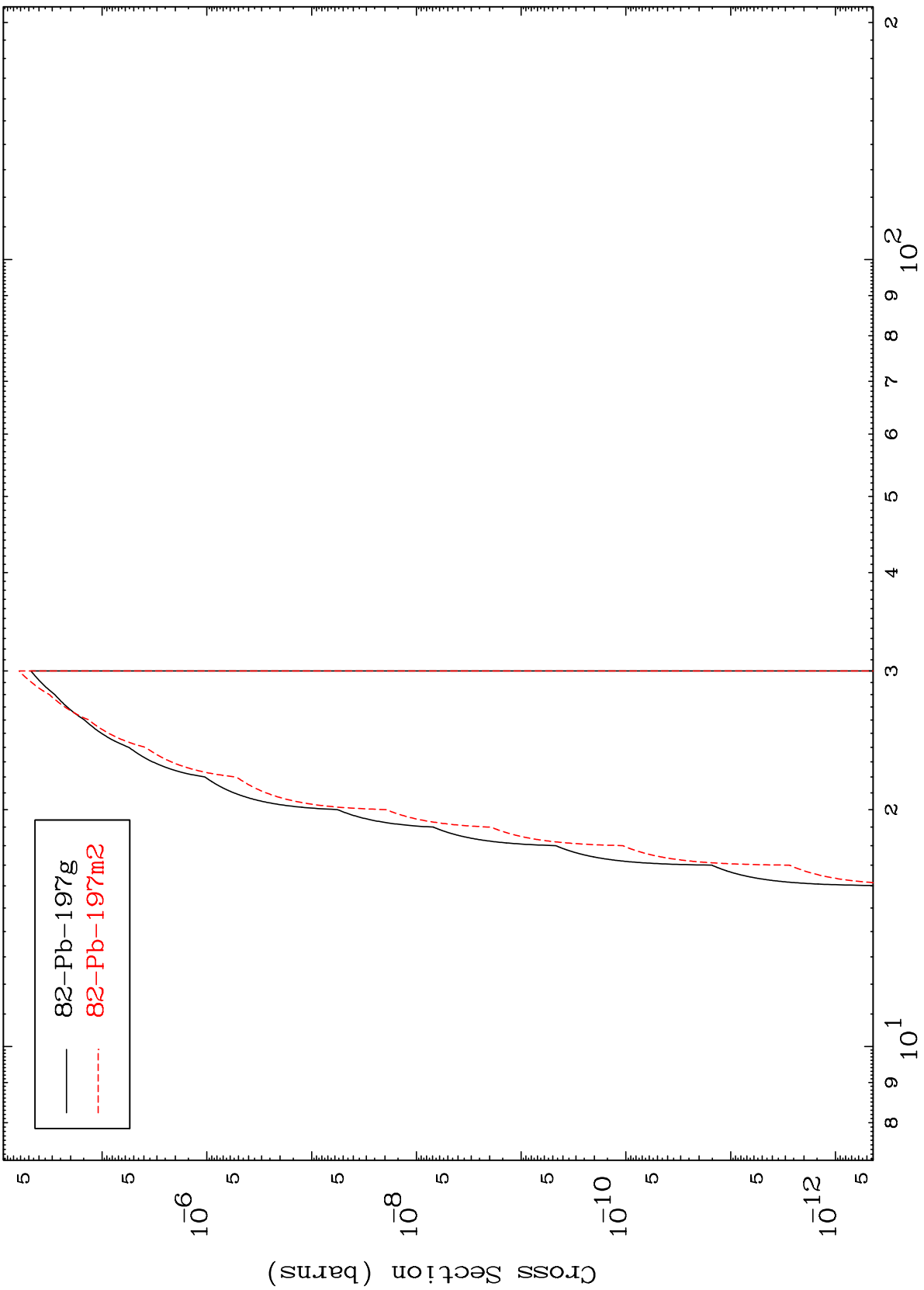


MAT 8205

(n,2n) p

82-Pb-197m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

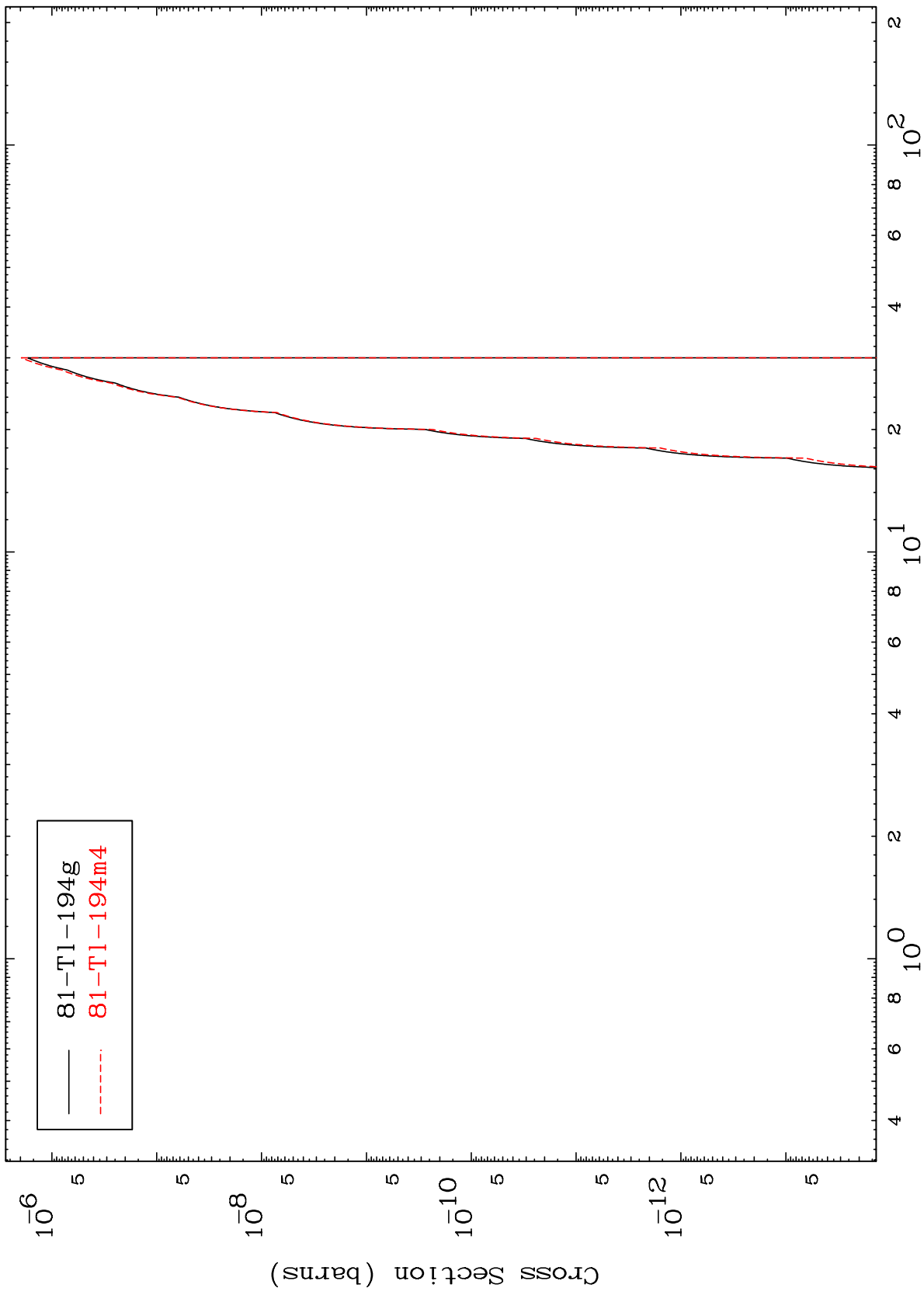
82-Pb-197m

MAT 8205

(n,n') p  $\alpha$

82-Pb-197m

Radionuclide Production Cross Section



25

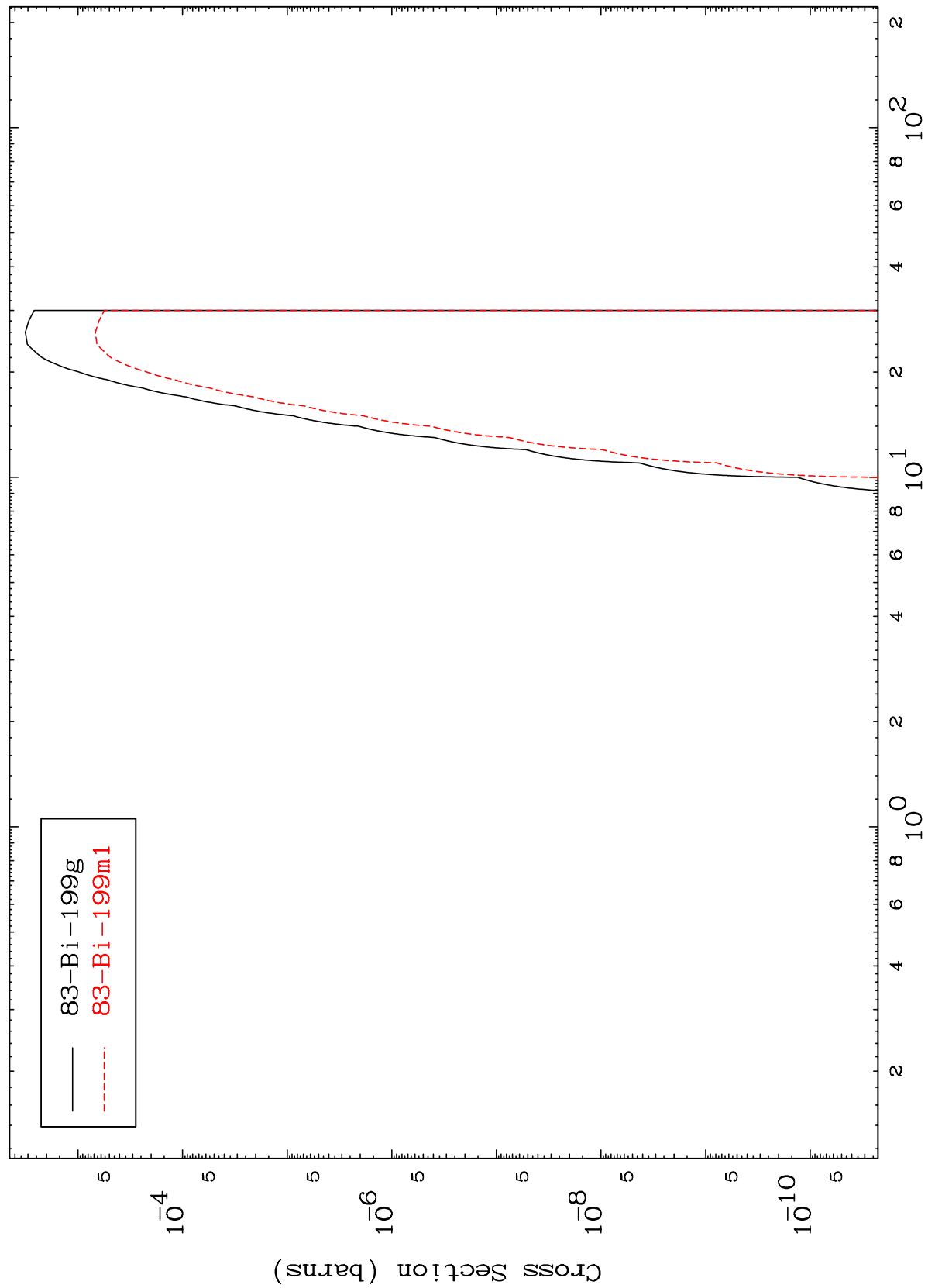
Incident Energy (MeV)

82-Pb-197m

MAT 8205

82-Pb-197m

(n,p)  
Radionuclide Production Cross Section



82-Pb-197m

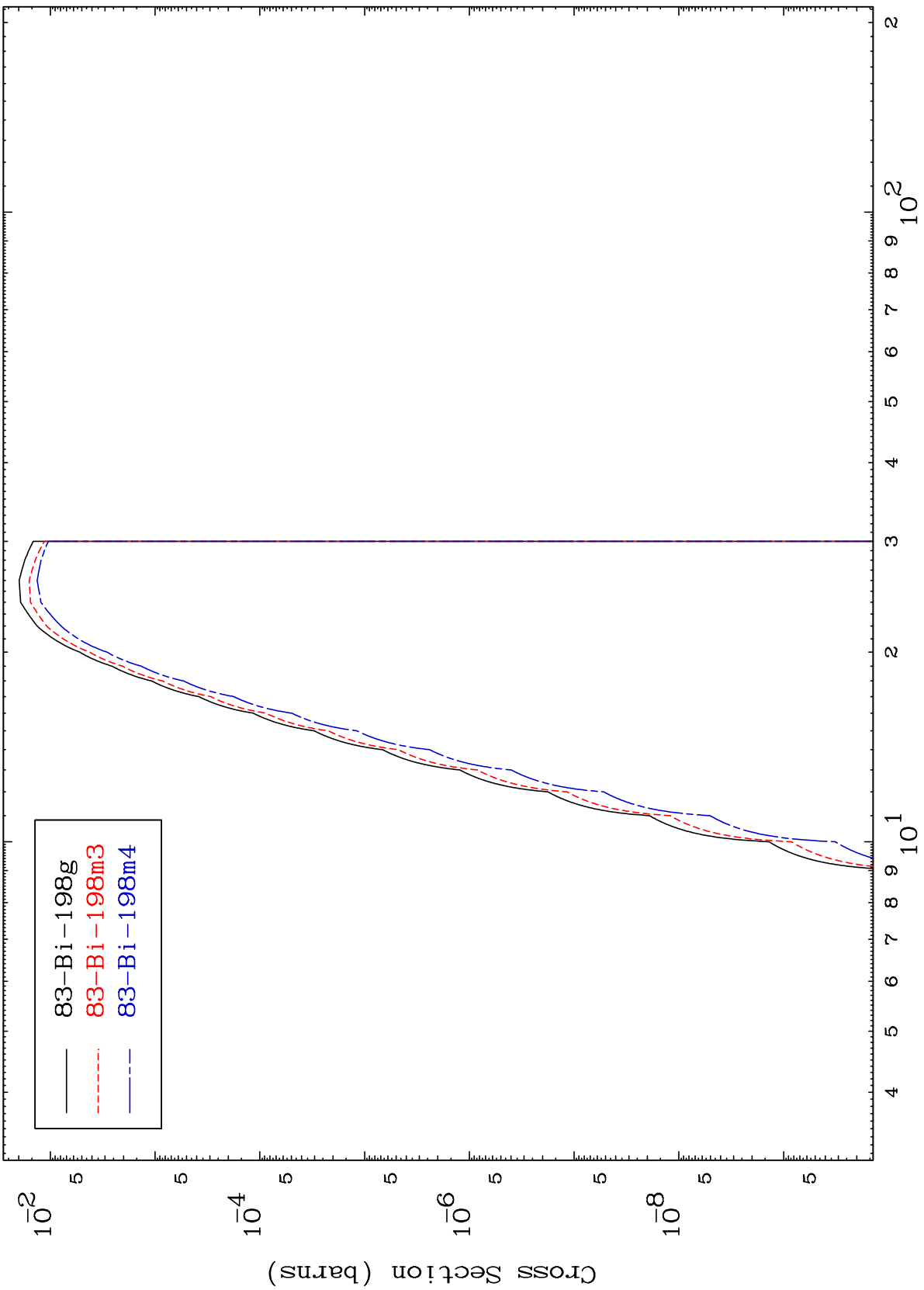
Incident Energy (MeV)

26

MAT 8205

82-Pb-197m

(n, d)  
Radionuclide Production Cross Section



83-Bi-198g  
83-Bi-198m3  
83-Bi-198m4

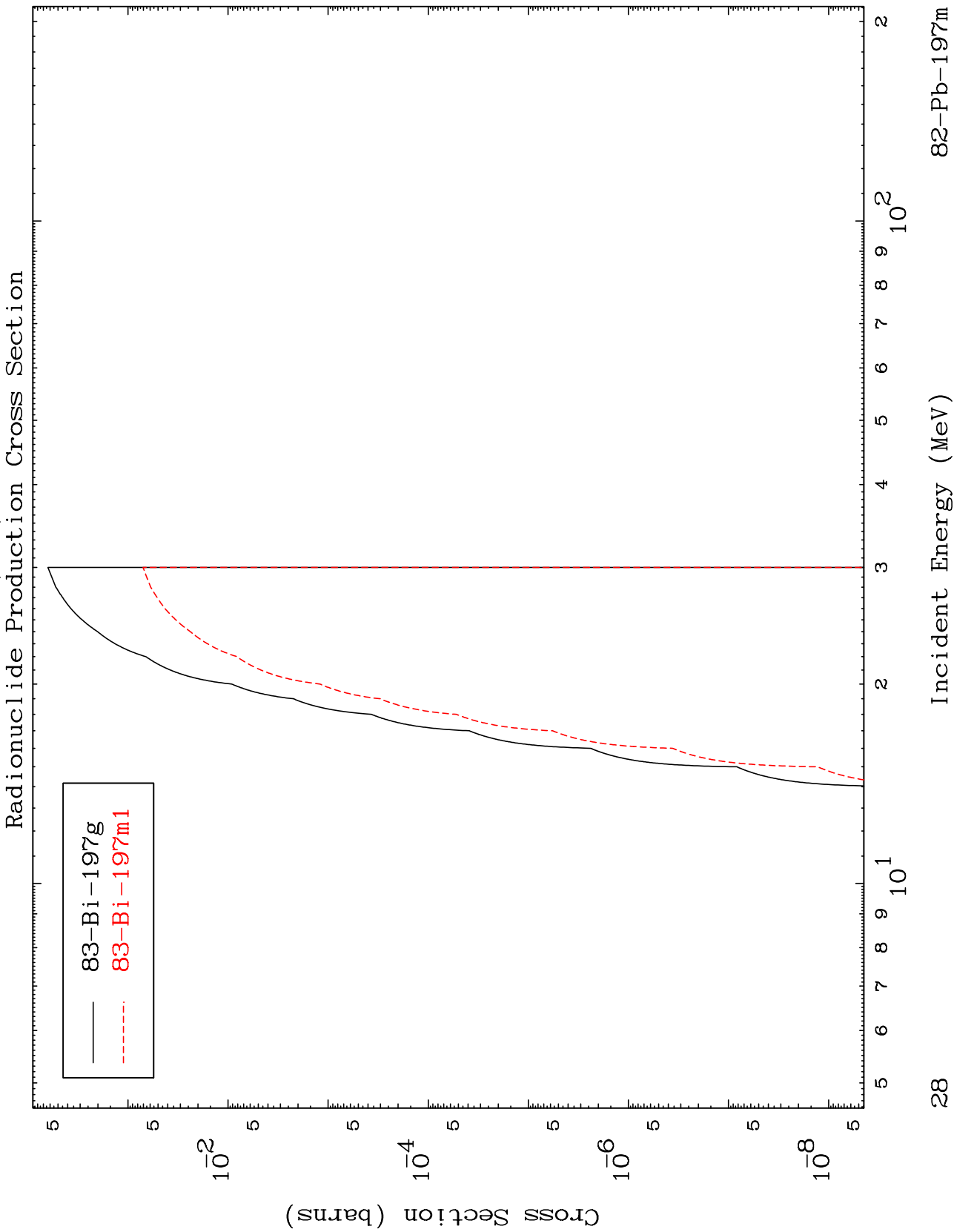
82-Pb-197m

Incident Energy (MeV)

27

MAT 8205

82-Pb-197m



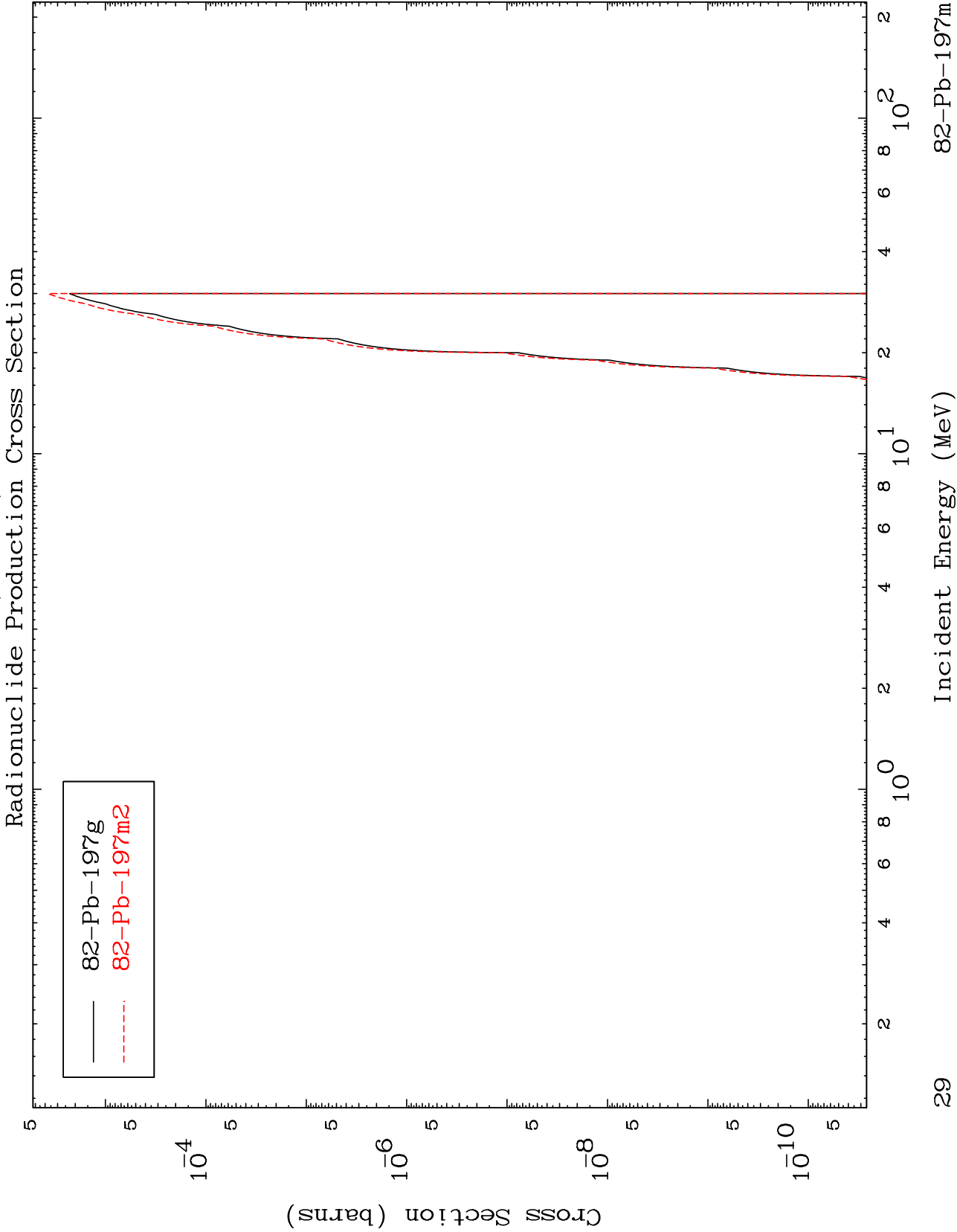
28

82-Pb-197m

MAT 8205

(n,He-3)

82-Pb-197m

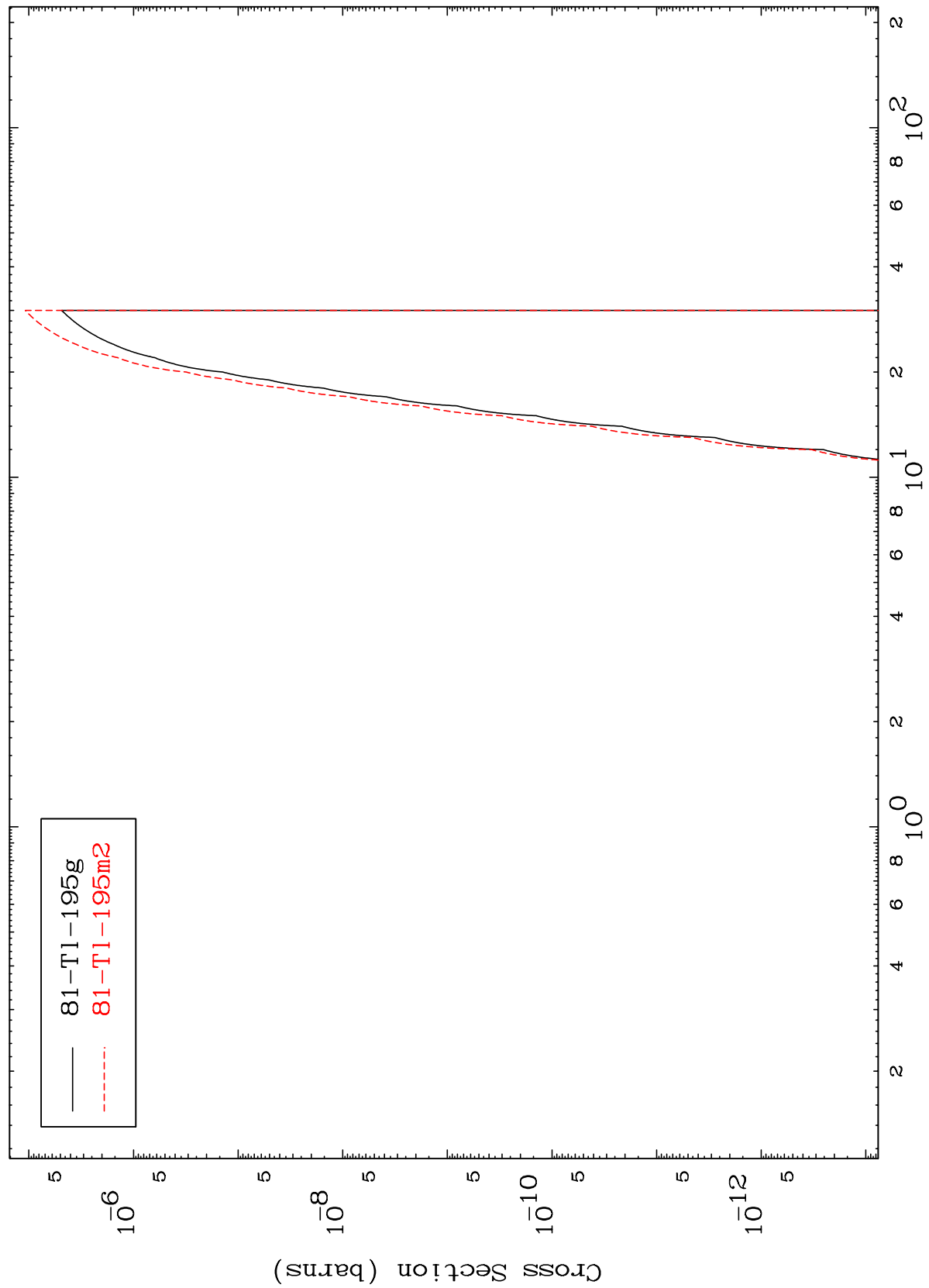


MAT 8205

(n,p)  $\alpha$

82-Pb-197m

Radionuclide Production Cross Section



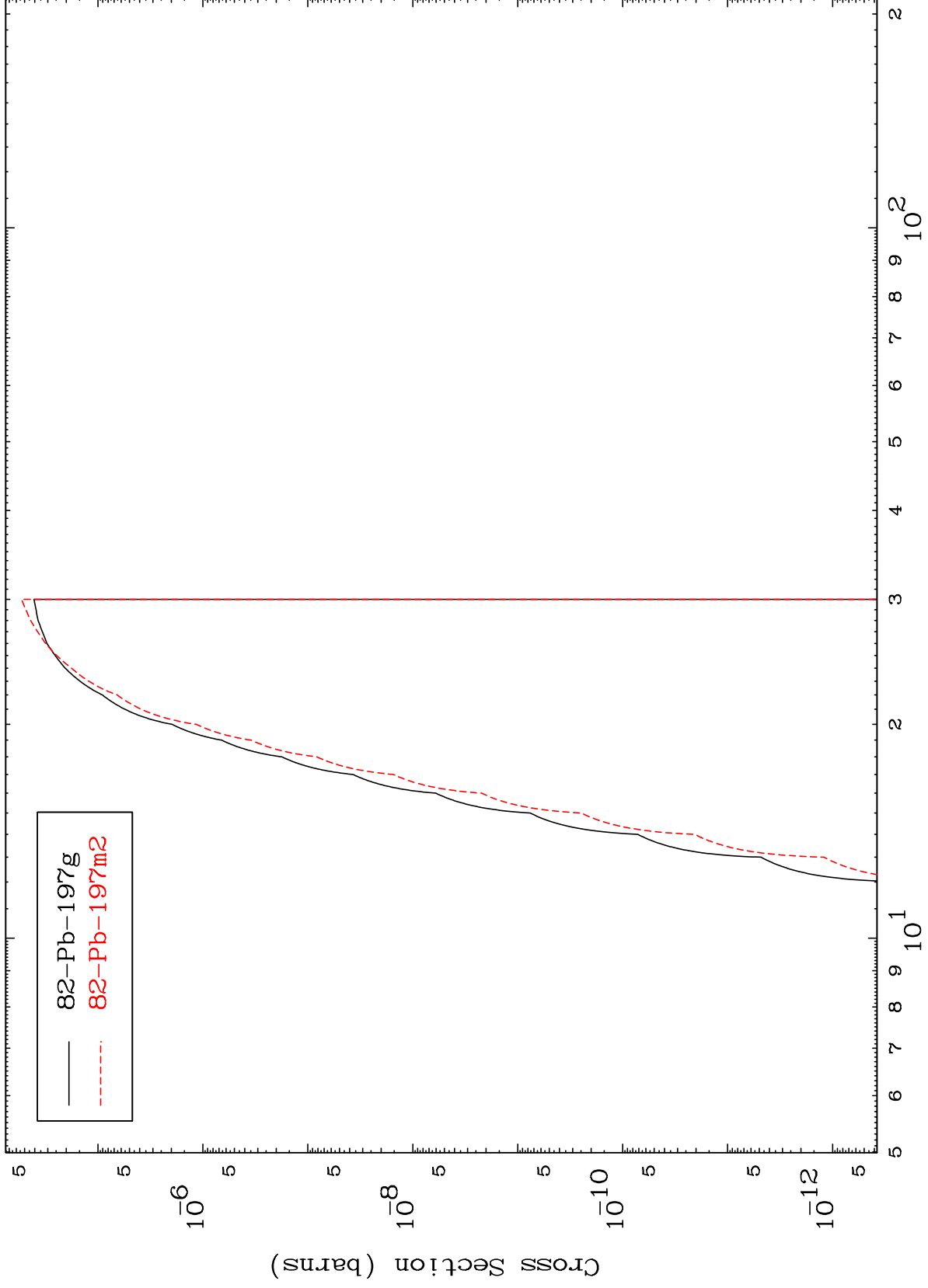
81-Tl-195g  
81-Tl-195m2

MAT 8205

(n,p) d

82-Pb-197m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

82-Pb-197m



MAT 8205

(n,d)  $\alpha$

82-Pb-197m

