

Program EVALPLOT  
(Version 2021-1)

by

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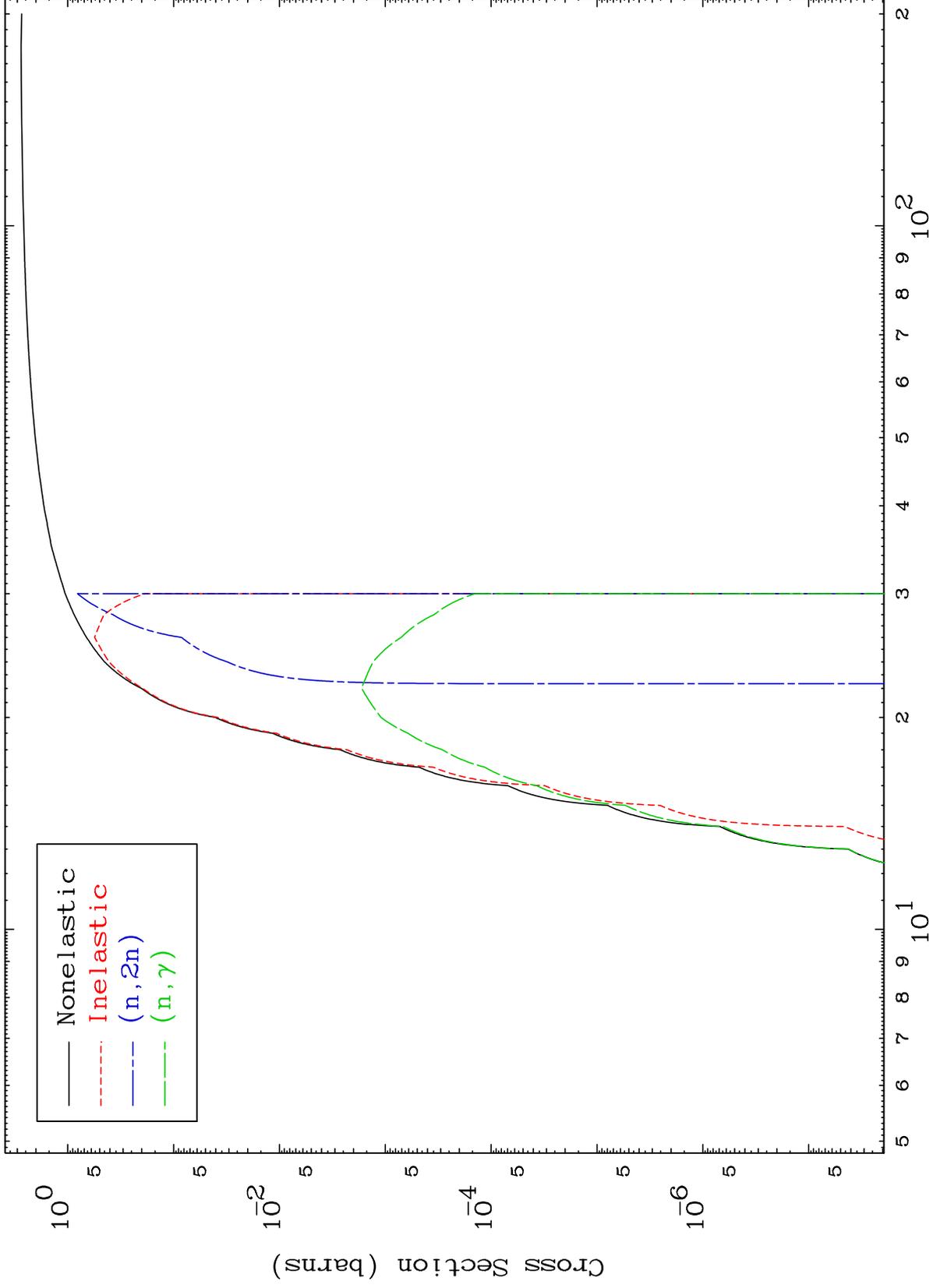
Press Mouse Button to Start

MAT 8211

0 Kelvin

$\alpha$  Major Cross Sections

82-Pb-199m



1

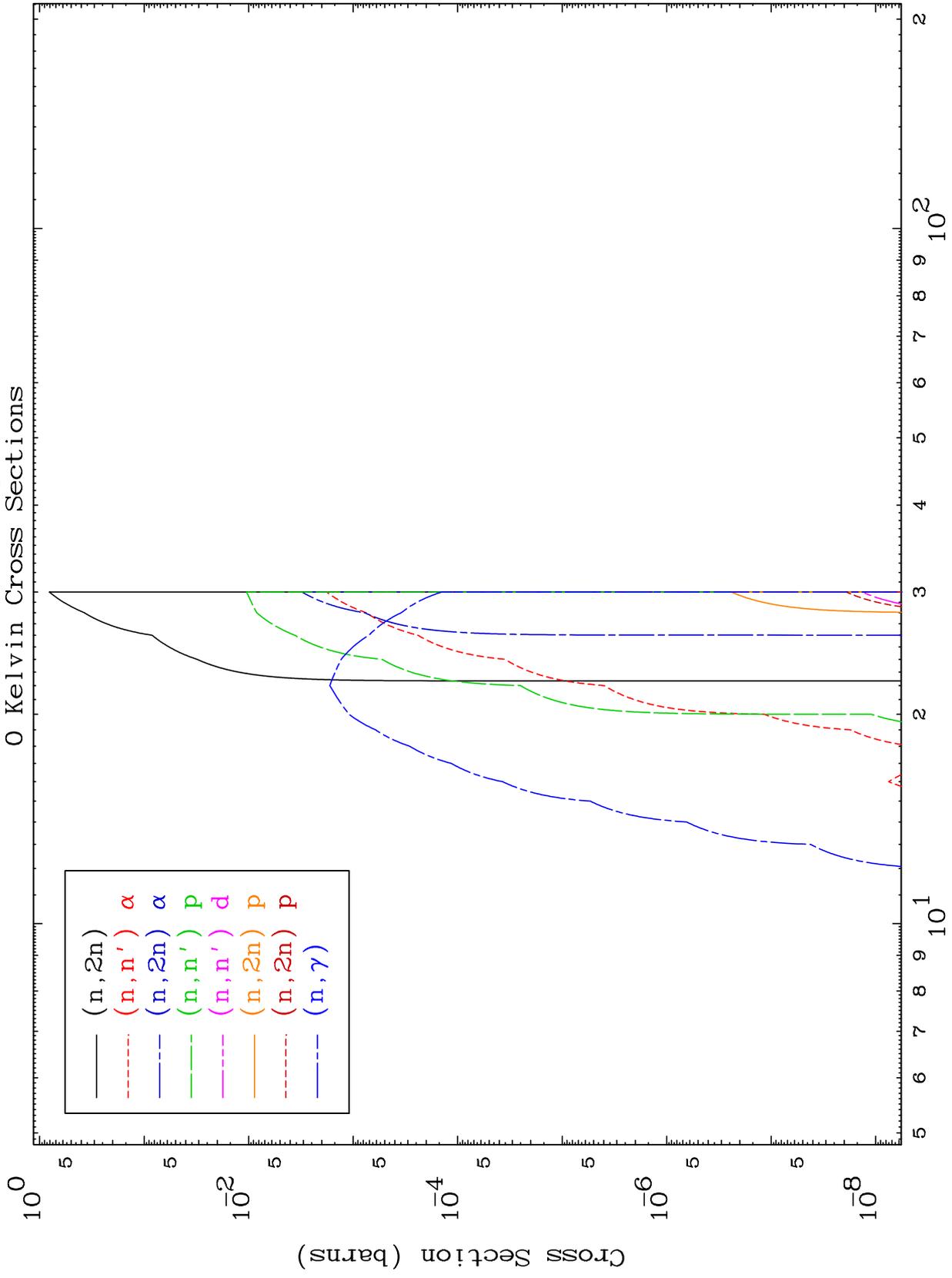
Incident Energy (MeV)

82-Pb-199m

MAT 8211

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-199m



2

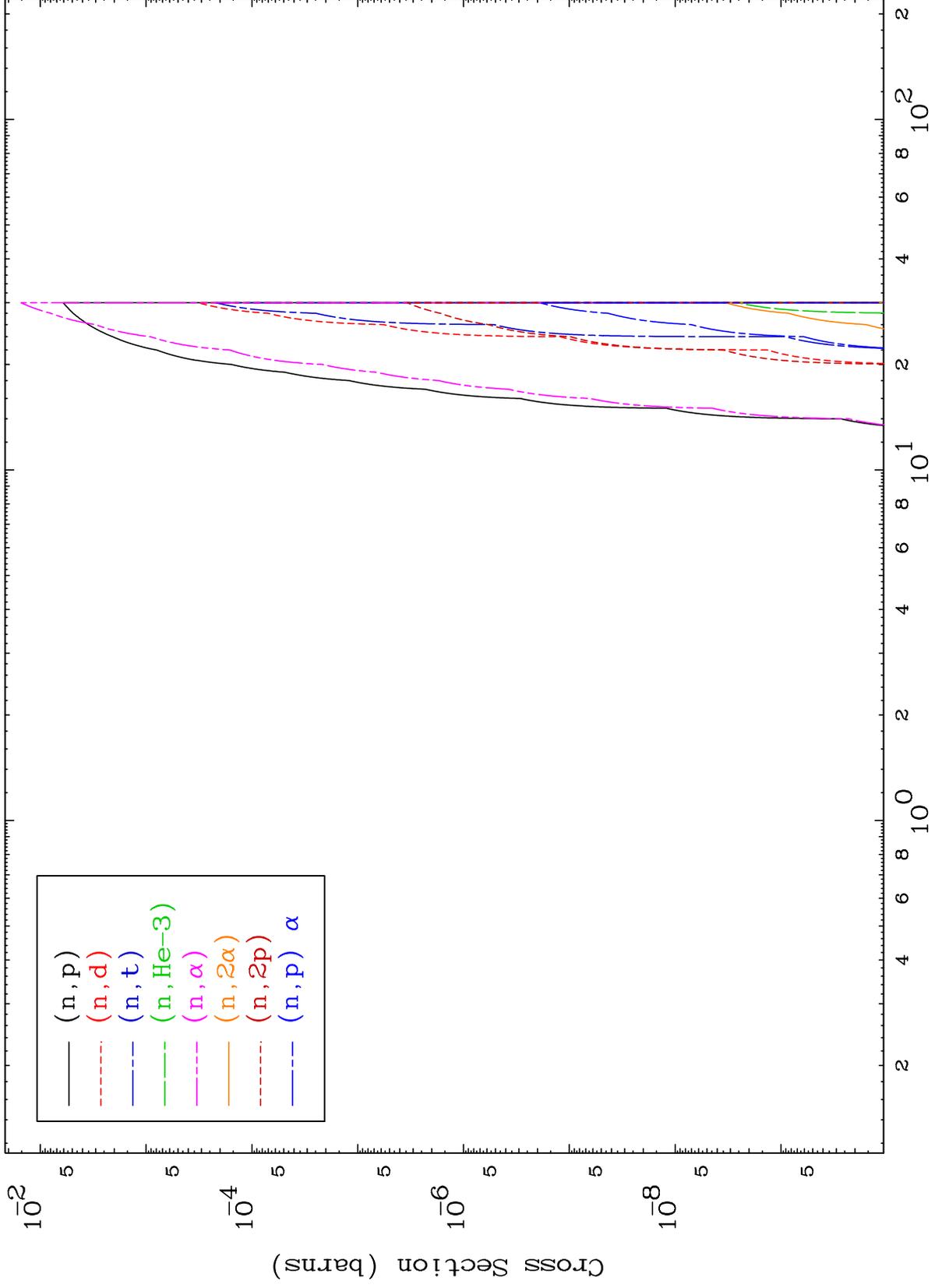
Incident Energy (MeV)

82-Pb-199m

MAT 8211

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

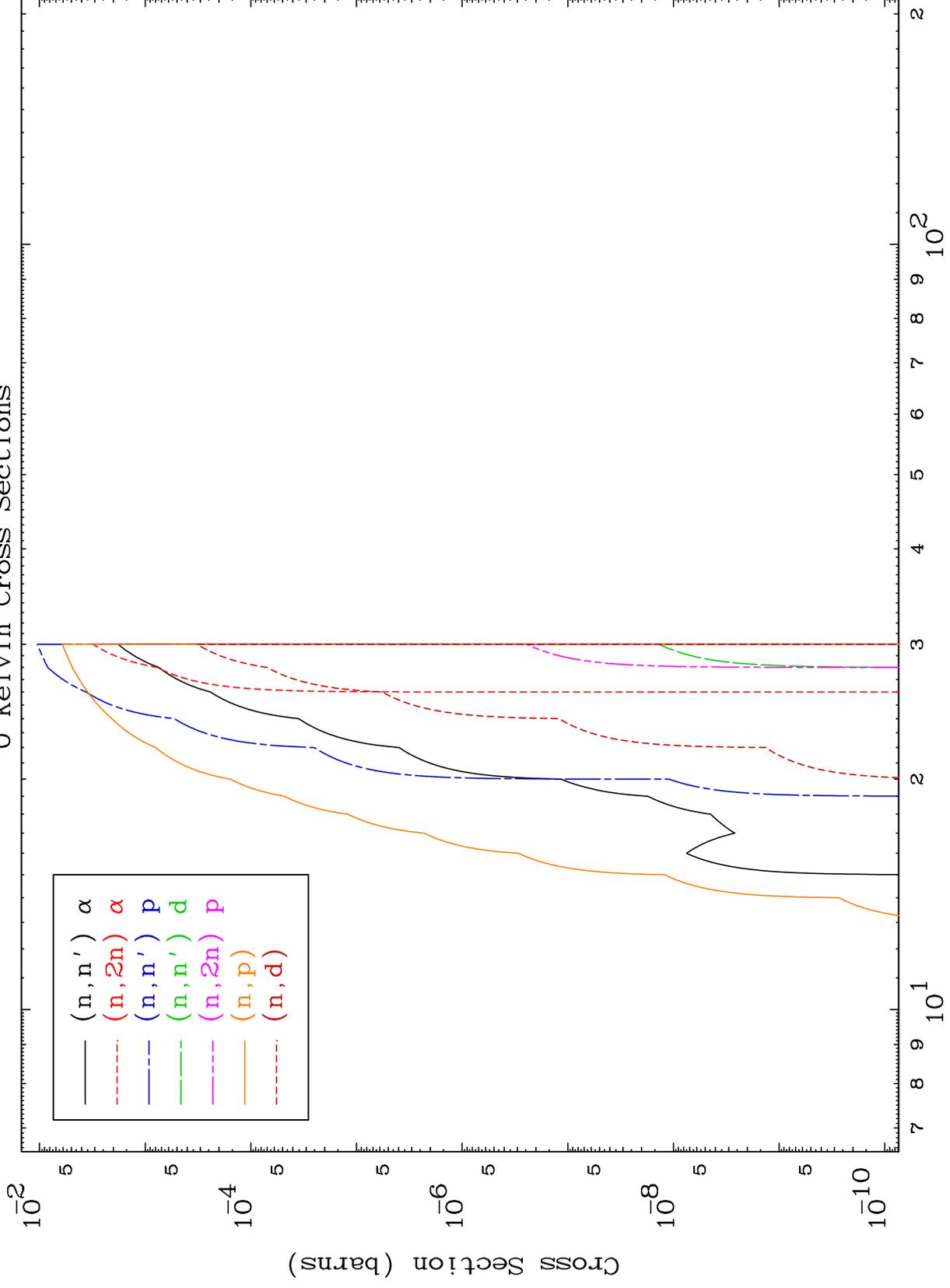
82-Pb-199m



MAT 8211

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

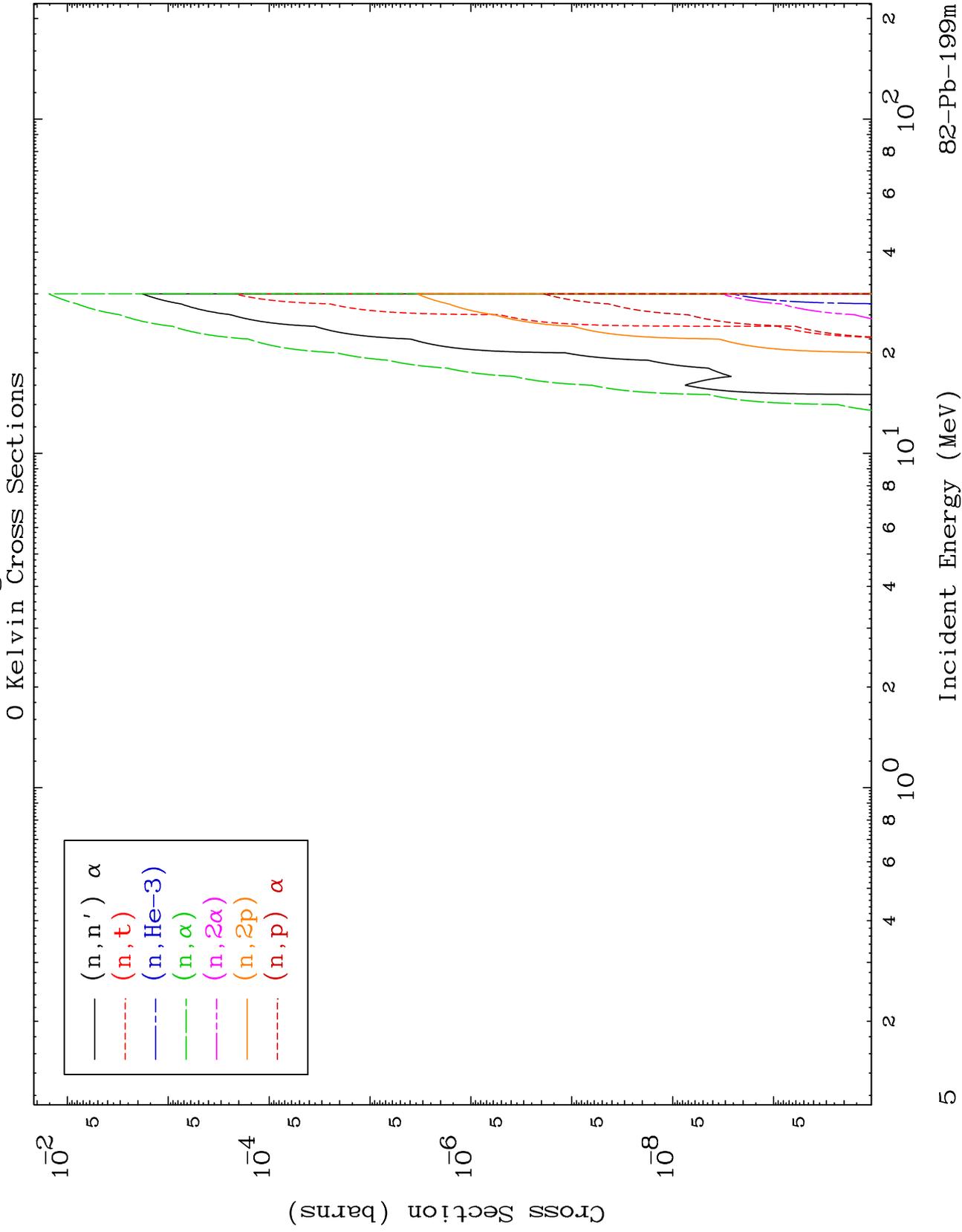
82-Pb-199m



MAT 8211

$\alpha$  Charged Particle

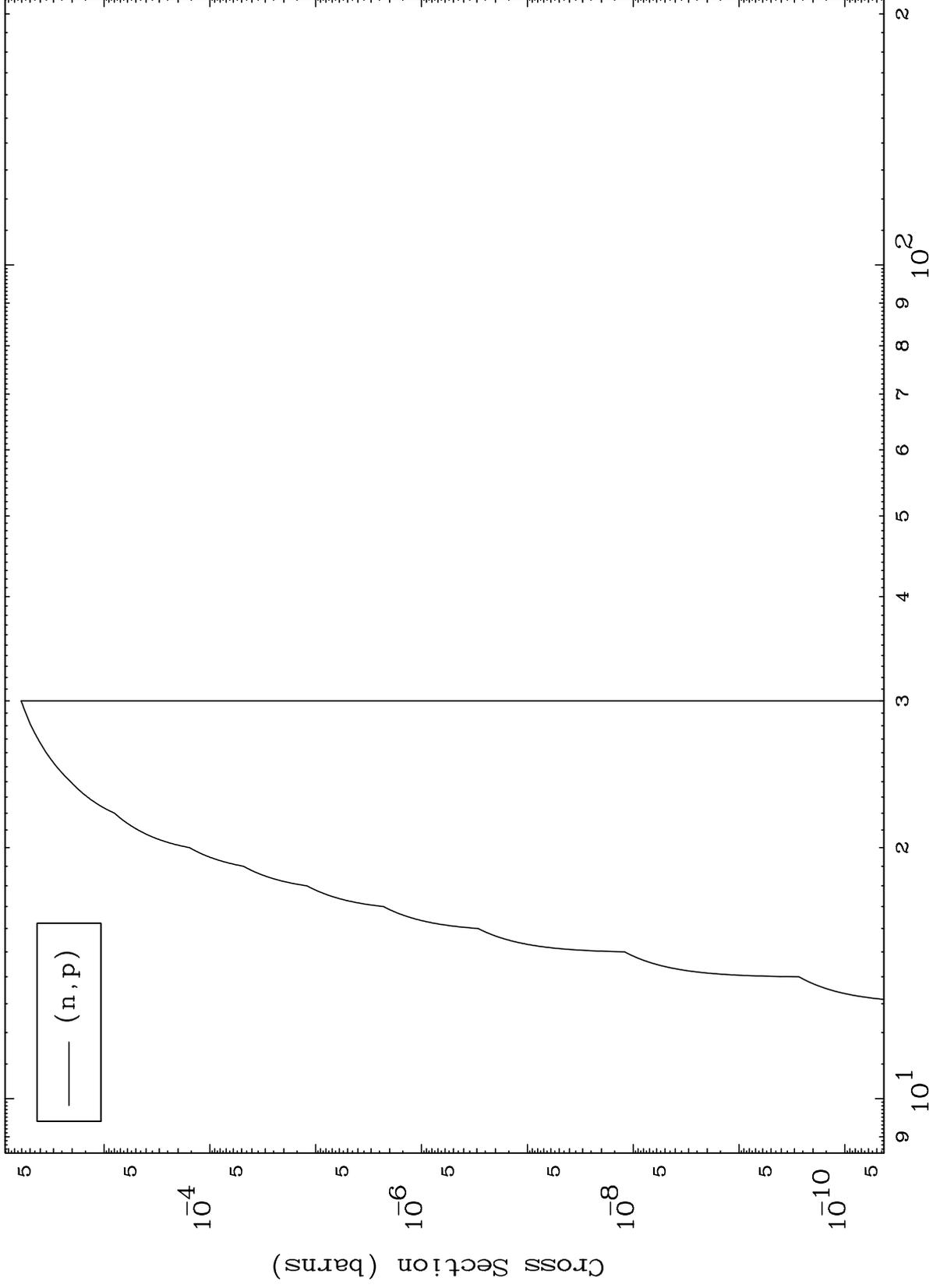
82-Pb-199m



MAT 8211

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

82-Pb-199m



Incident Energy (MeV)

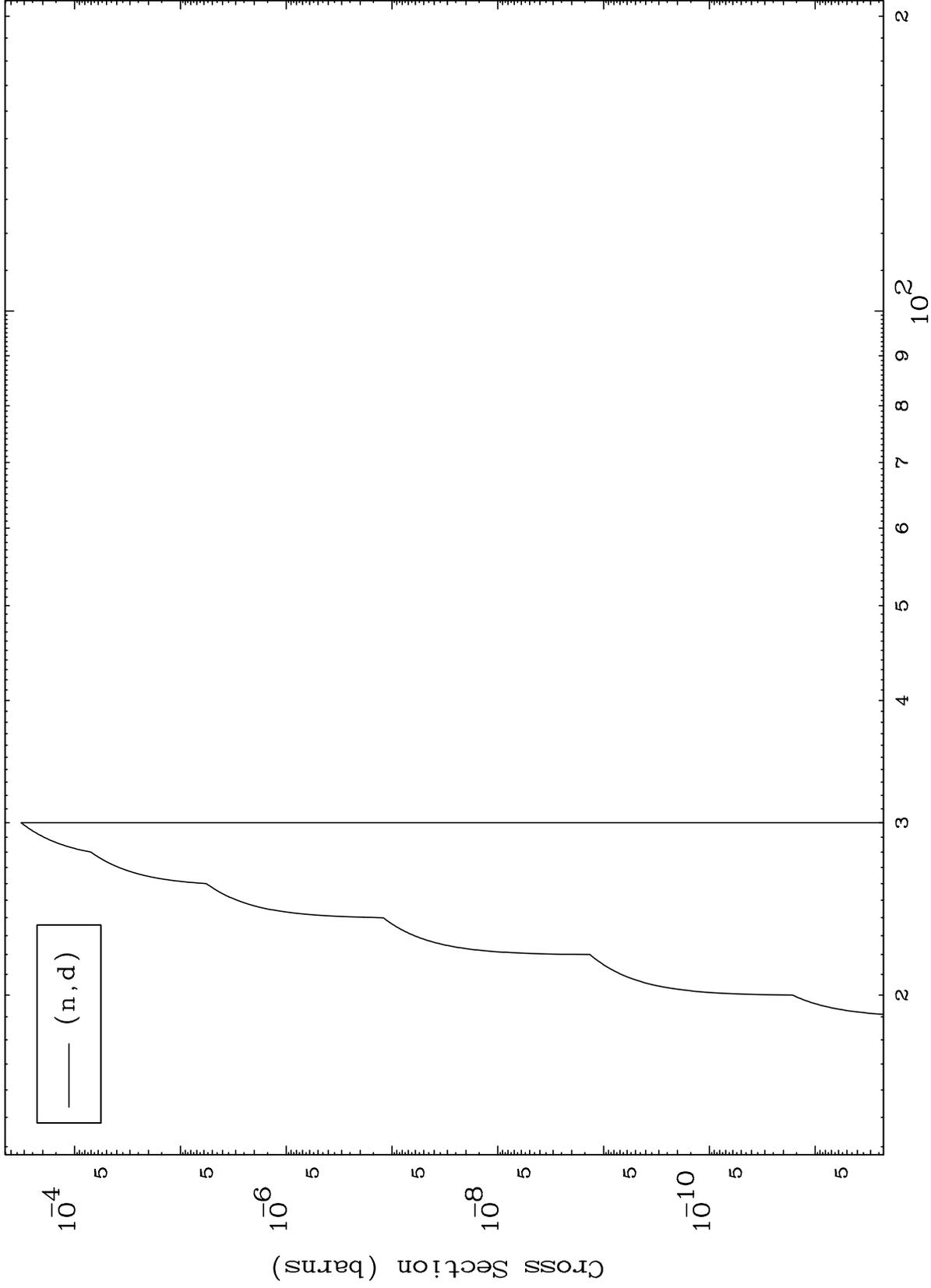
82-Pb-199m

6

MAT 8211

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

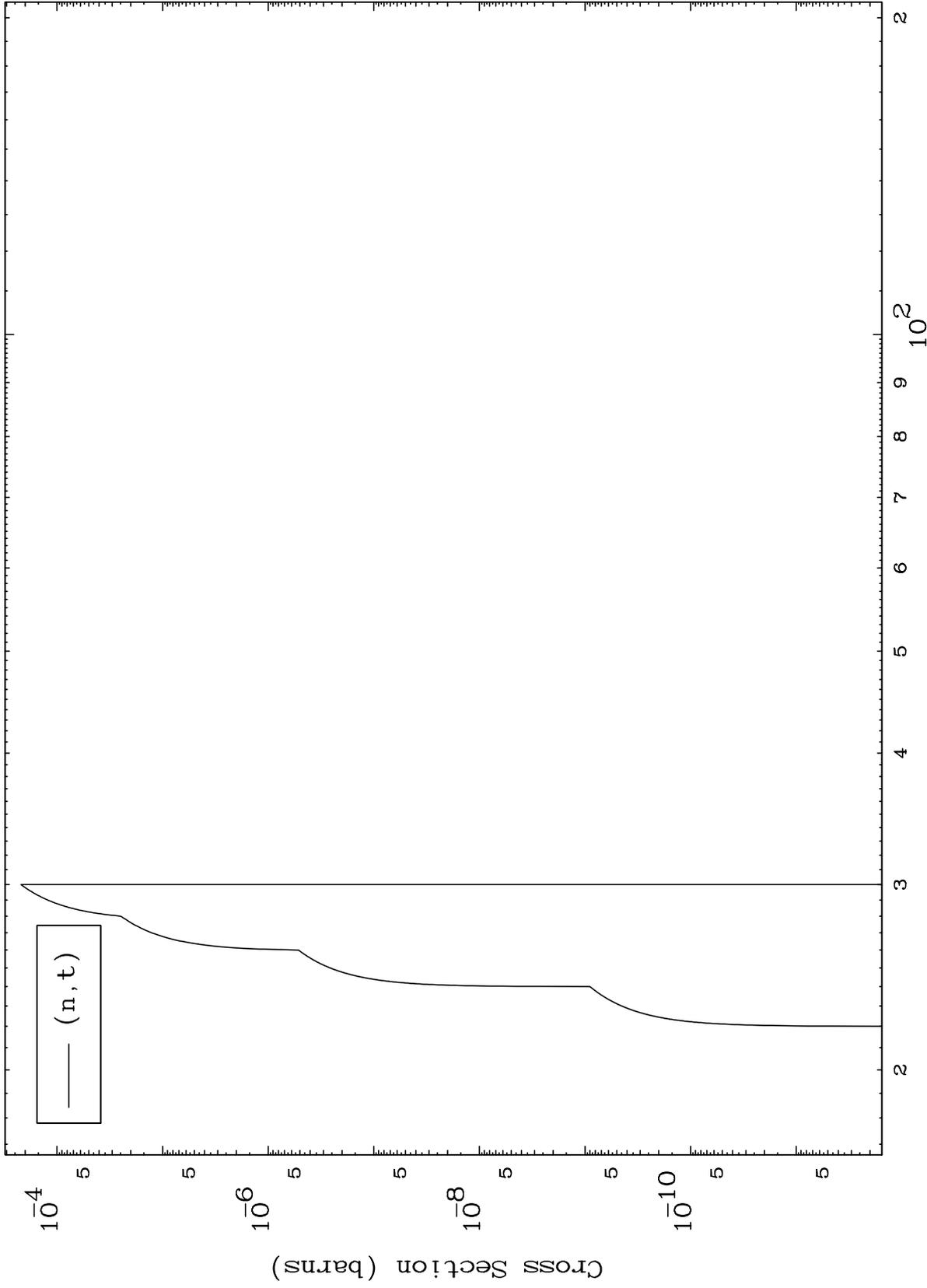
82-Pb-199m



MAT 8211

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

82-Pb-199m

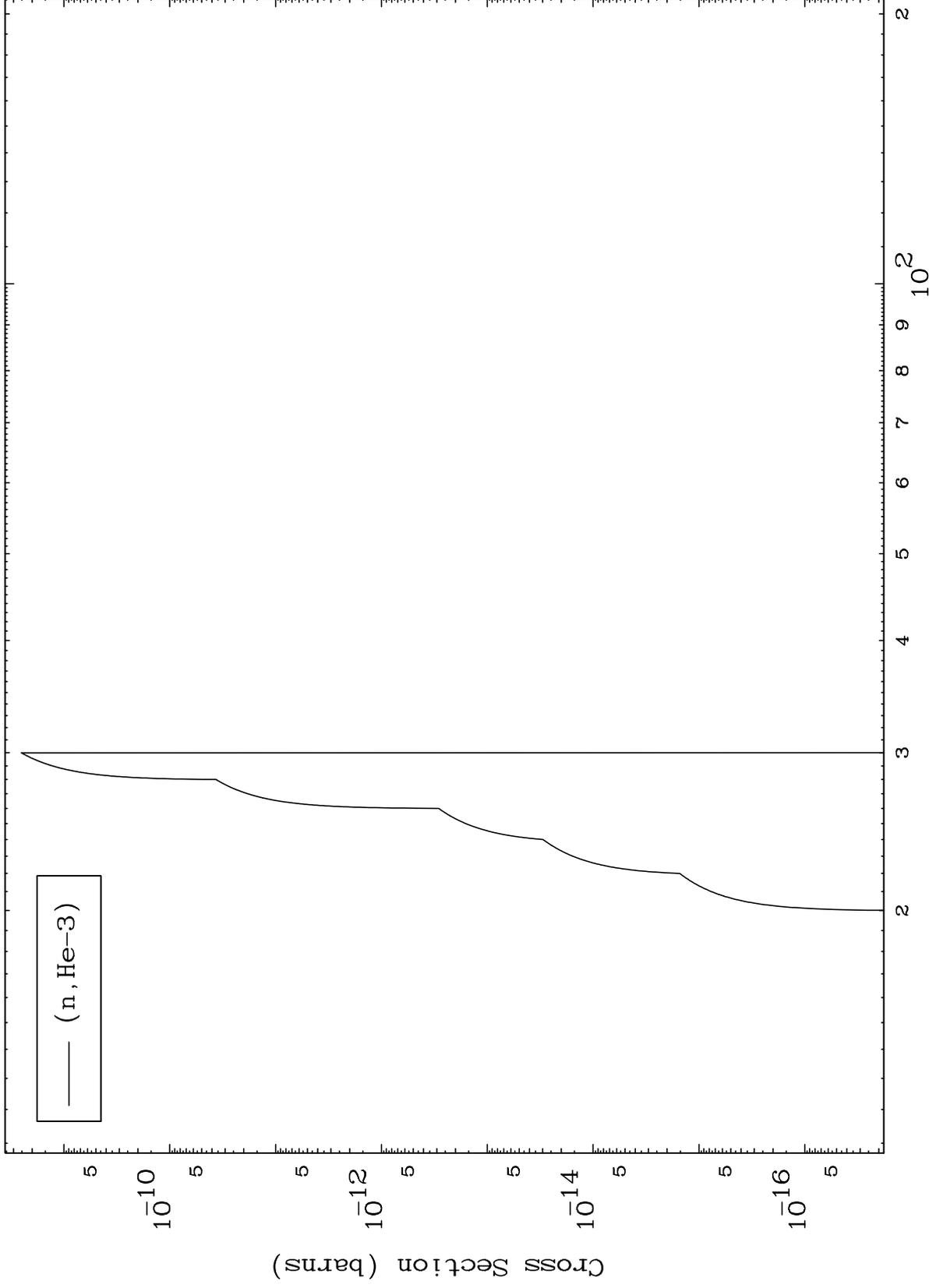


8

Incident Energy (MeV)

82-Pb-199m

0 Kelvin Cross Sections

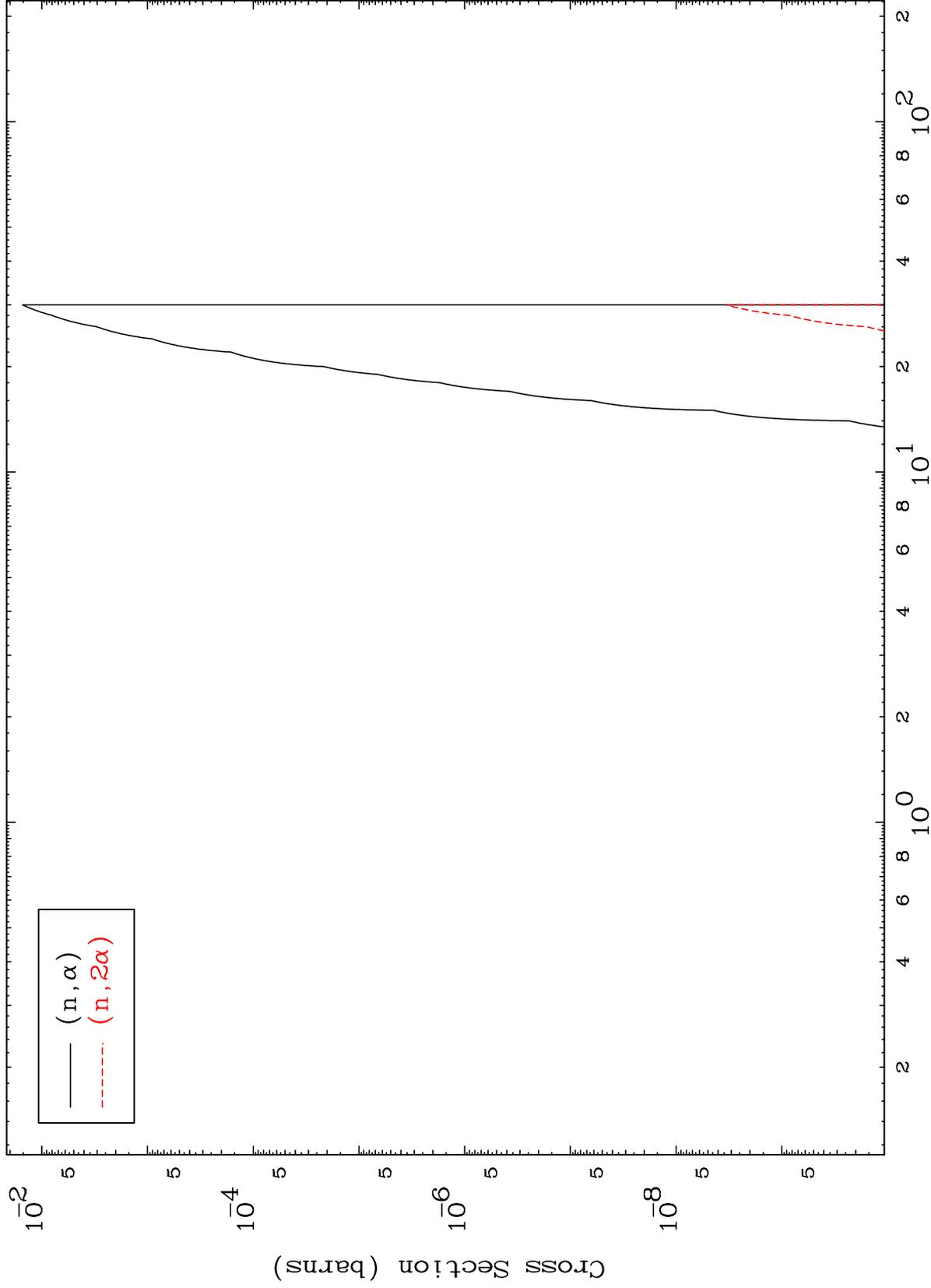


MAT 8211

( $\alpha, \alpha$ ) Levels

82-Pb-199m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

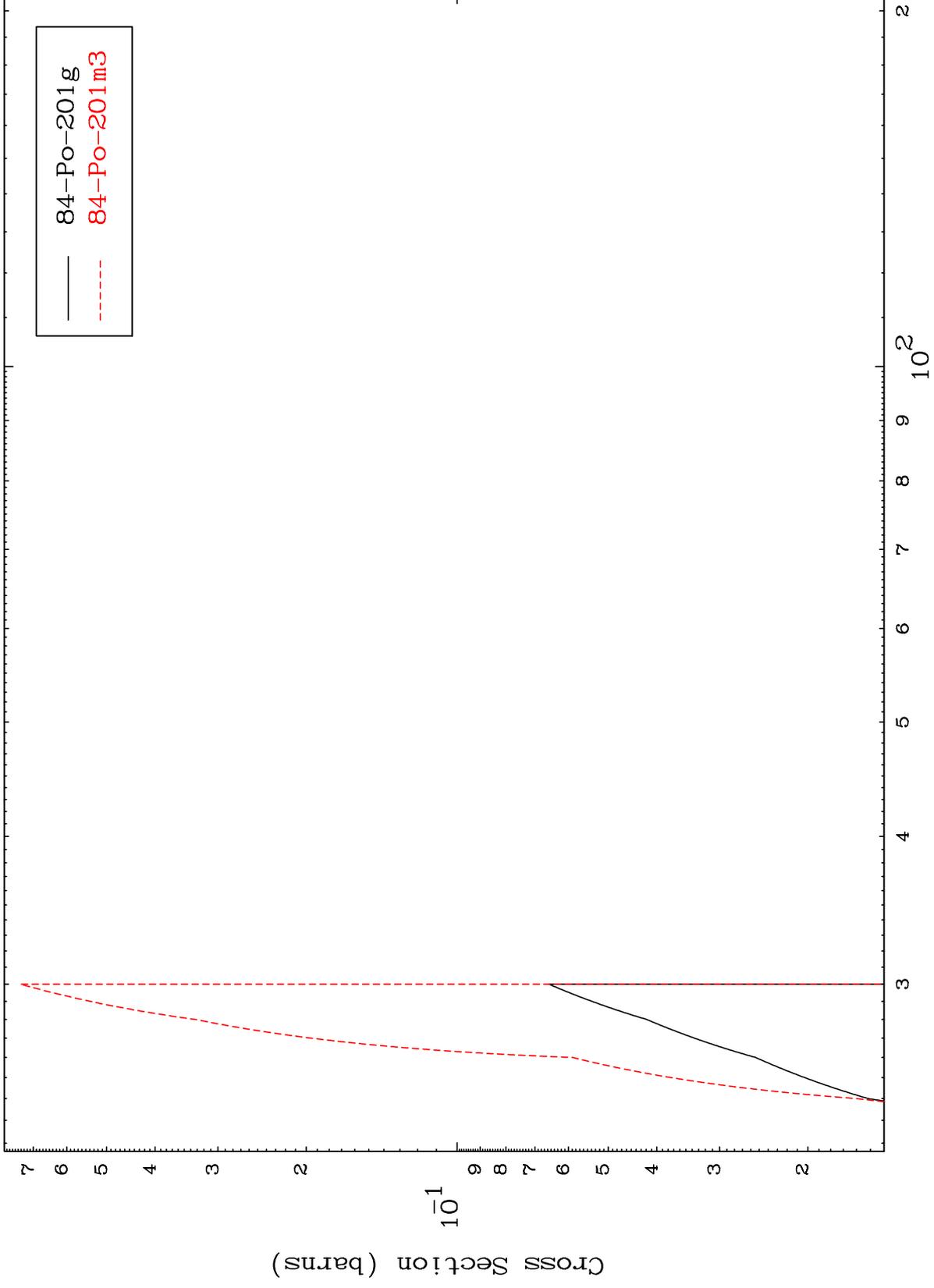
82-Pb-199m

MAT 8211

(n,2n)

82-Pb-199m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

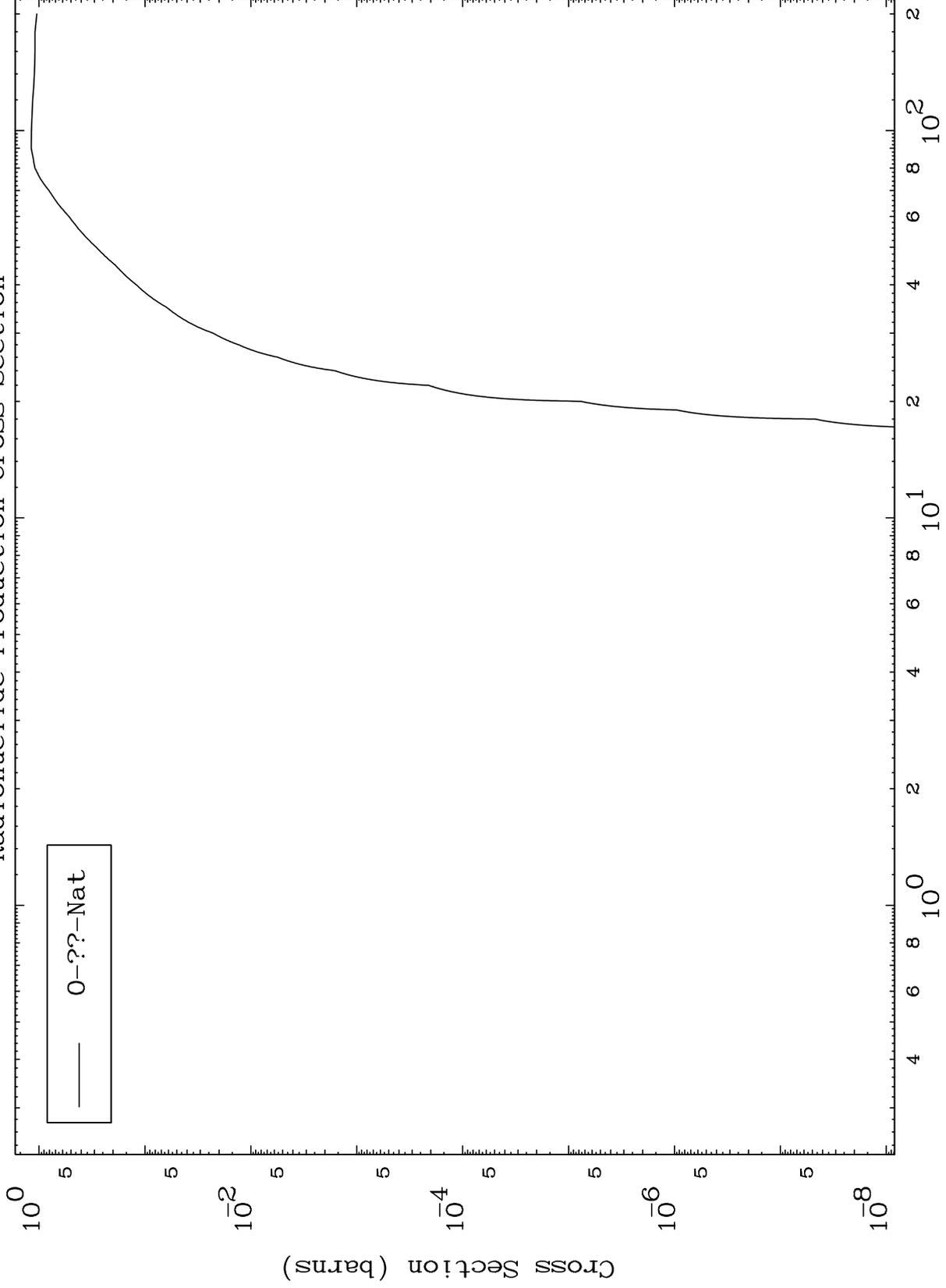
82-Pb-199m

MAT 8211

Fission

82-Pb-199m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

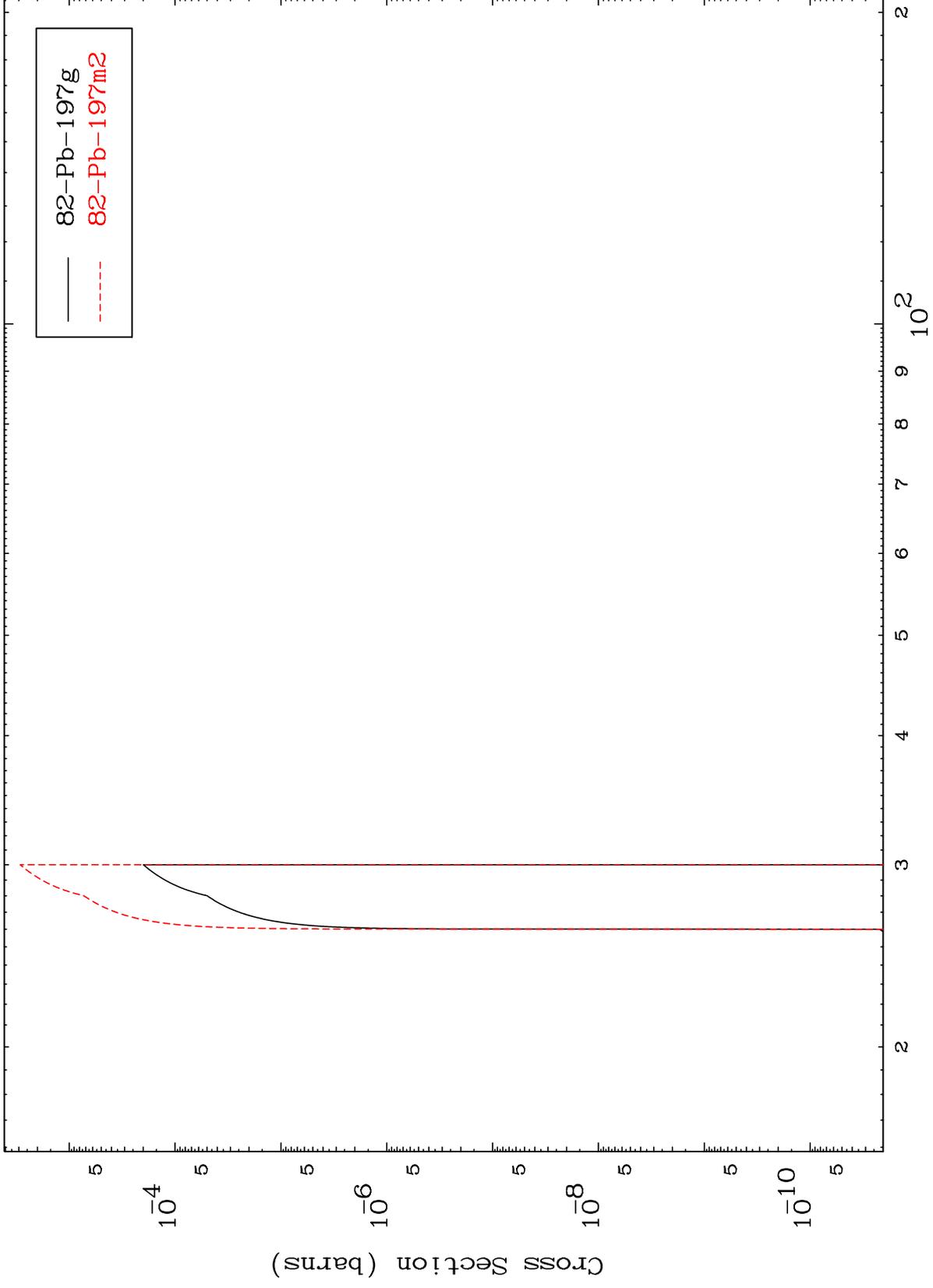
82-Pb-199m

MAT 8211

$(n,2n) \alpha$

82-Pb-199m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

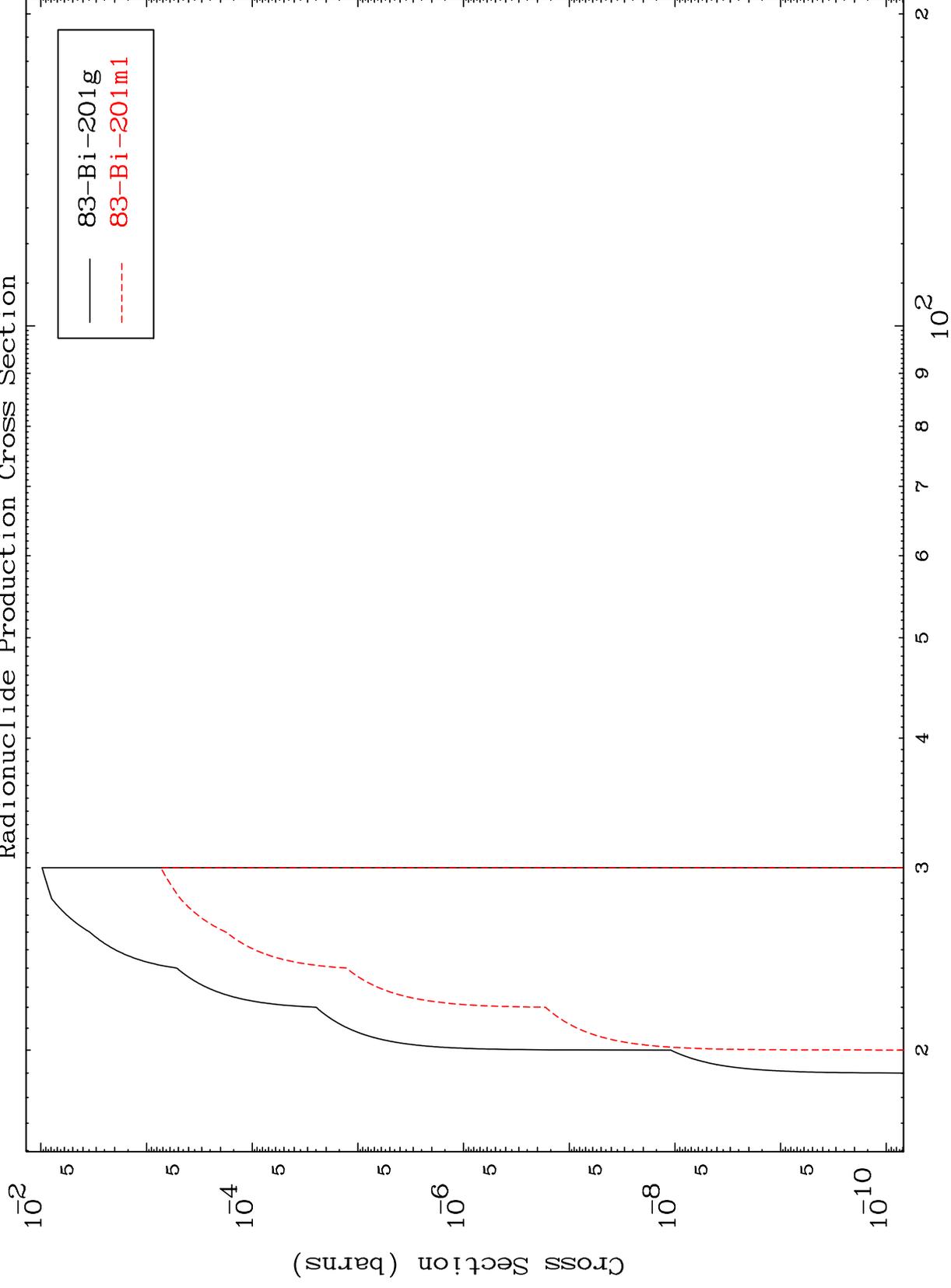
82-Pb-199m

MAT 8211

(n,n') p

82-Pb-199m

Radionuclide Production Cross Section

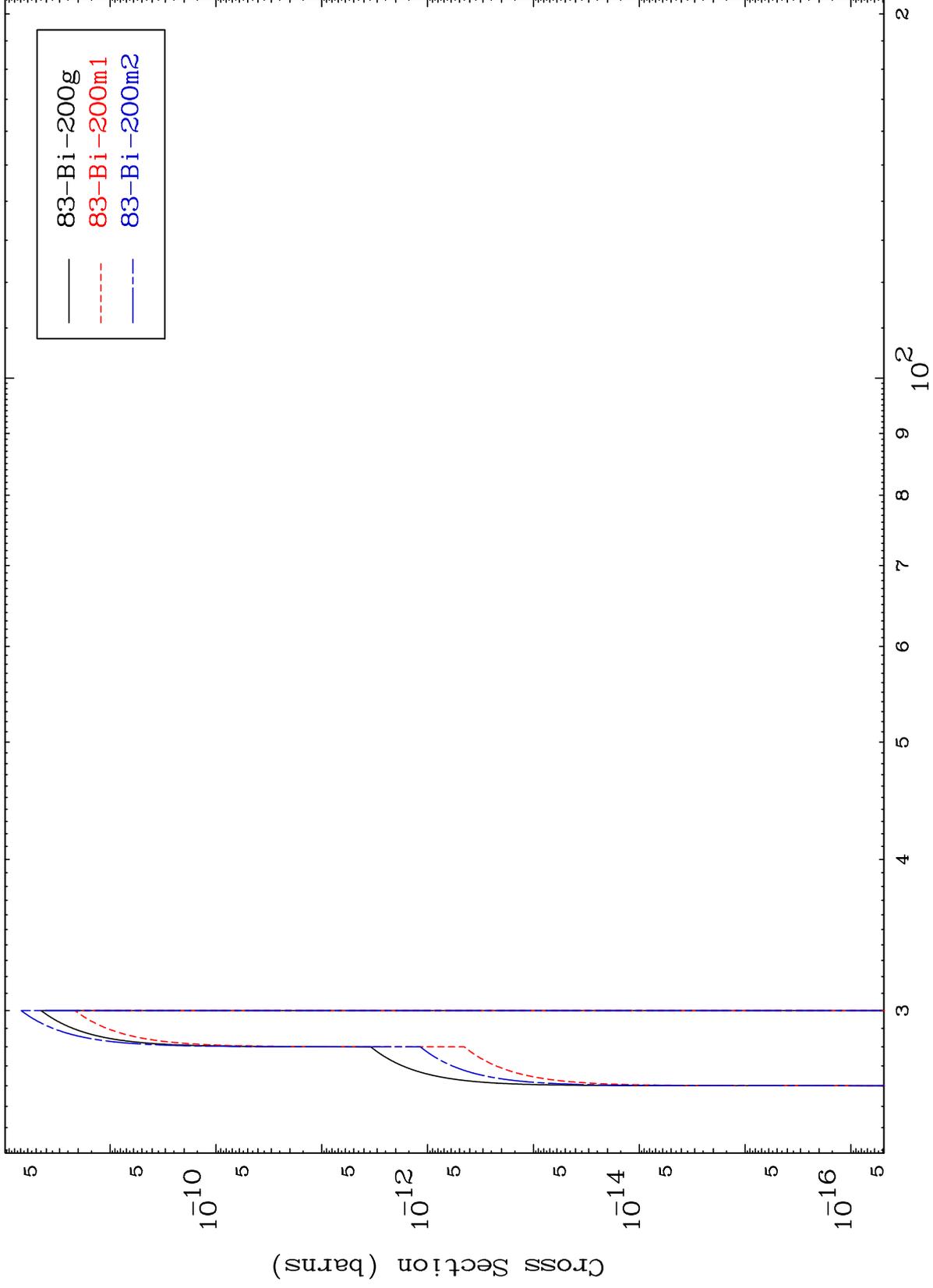


14

Incident Energy (MeV)

82-Pb-199m

Radionuclide Production Cross Section

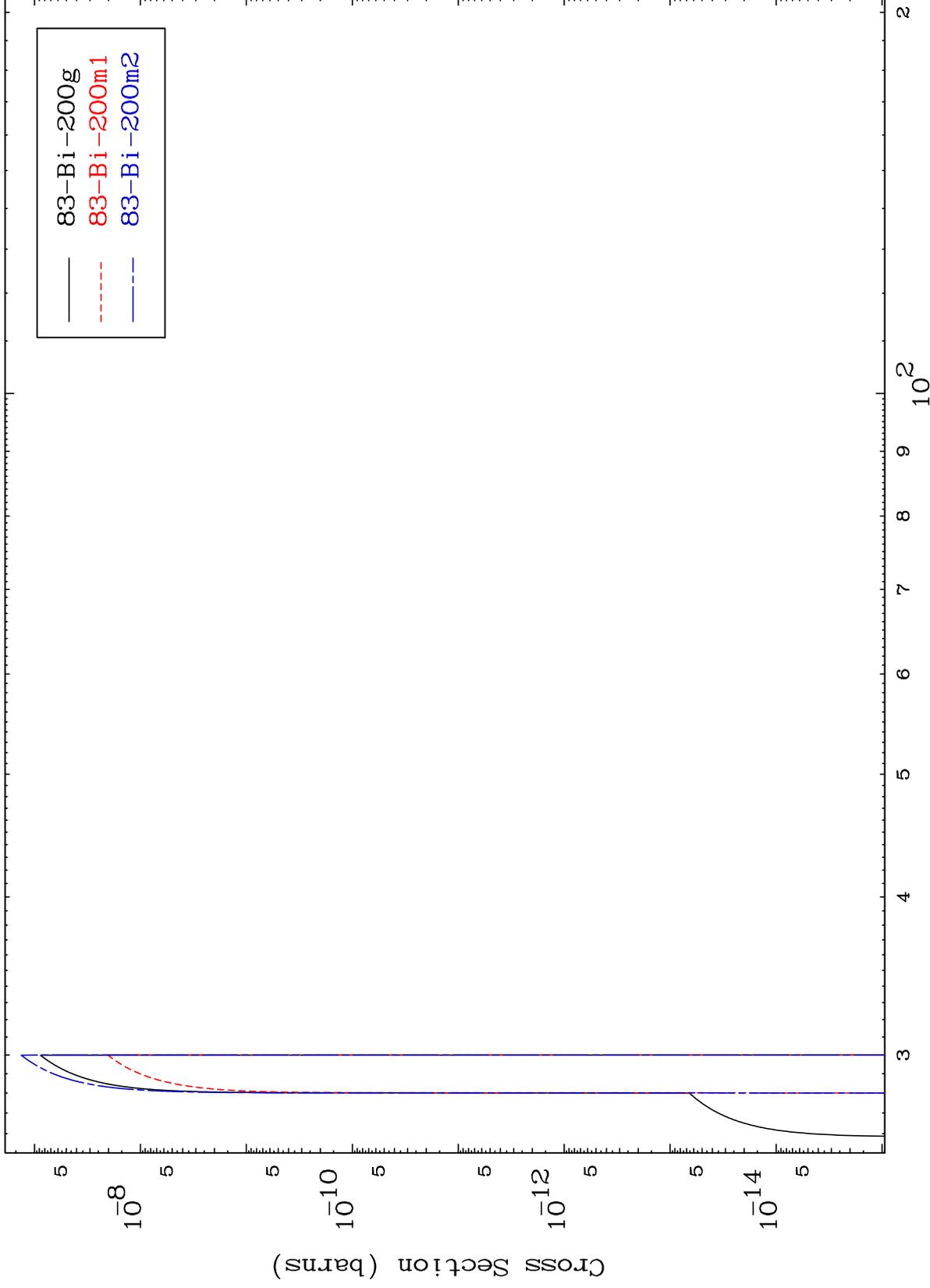


MAT 8211

(n,2n) p

82-Pb-199m

Radionuclide Production Cross Section



16

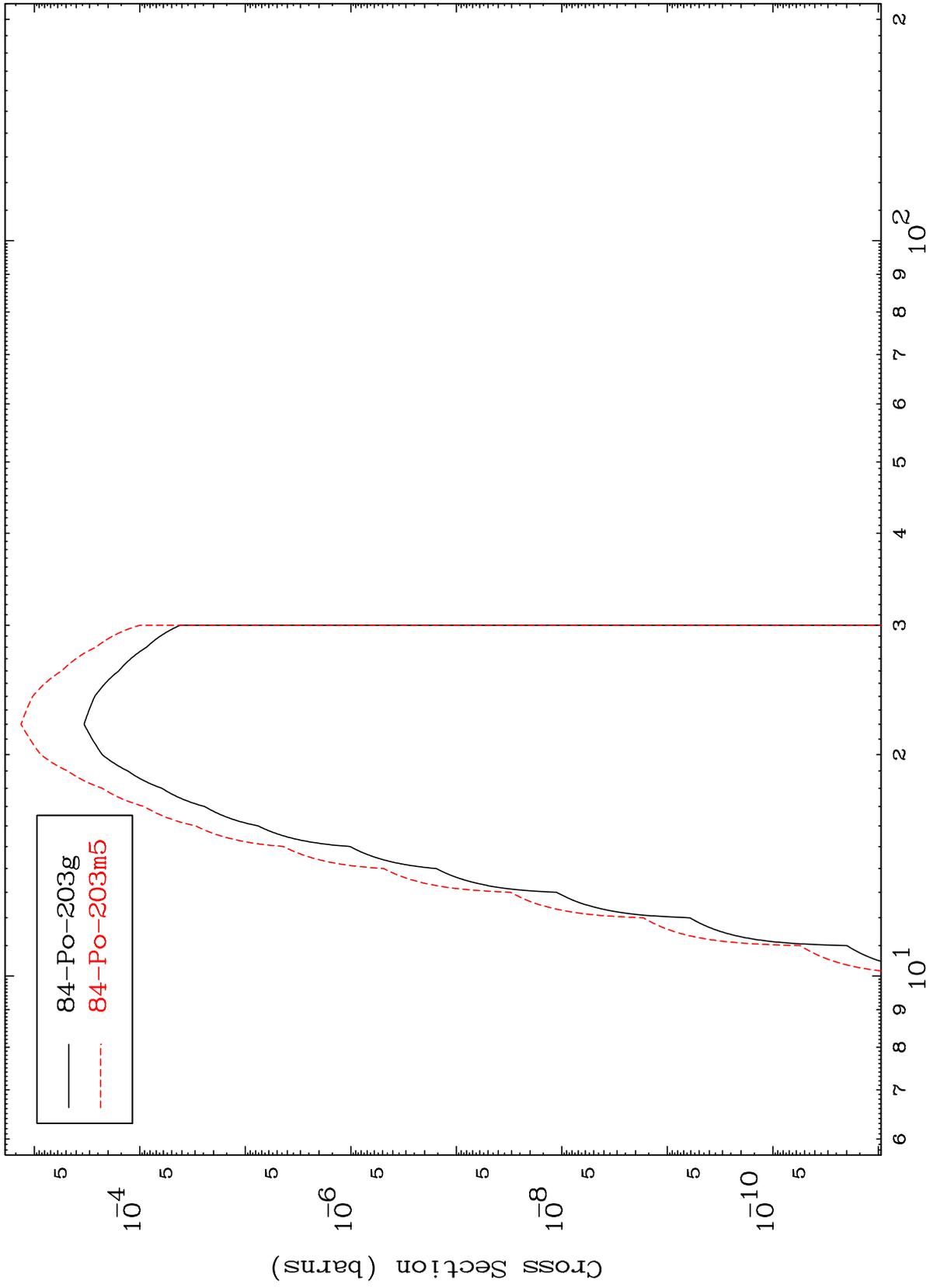
Incident Energy (MeV)

82-Pb-199m

MAT 8211

82-Pb-199m

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



82-Pb-199m

Incident Energy (MeV)

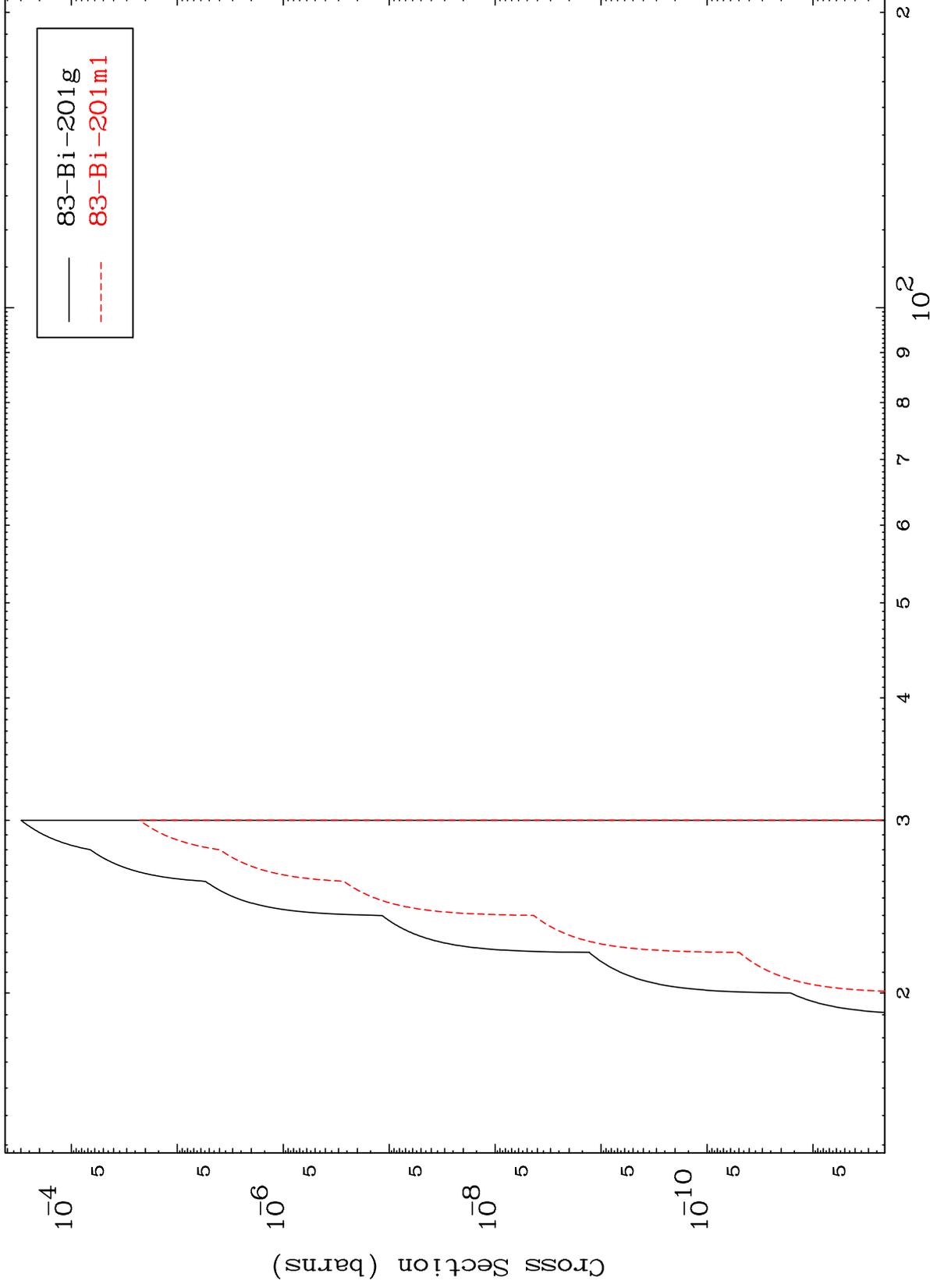
17

MAT 8211

(n,d)

82-Pb-199m

Radionuclide Production Cross Section



18

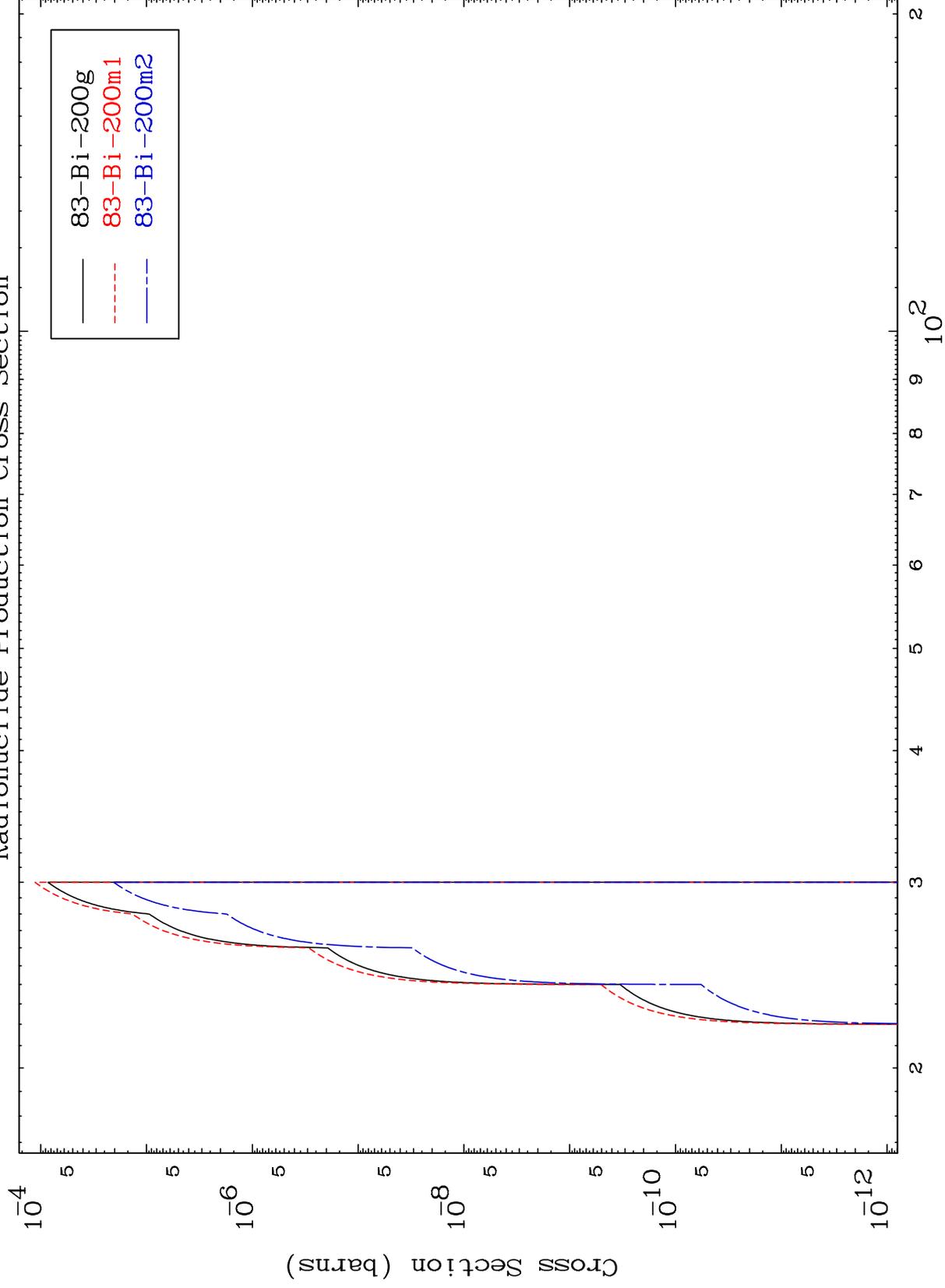
Incident Energy (MeV)

82-Pb-199m

MAT 8211

82-Pb-199m

(n,t)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

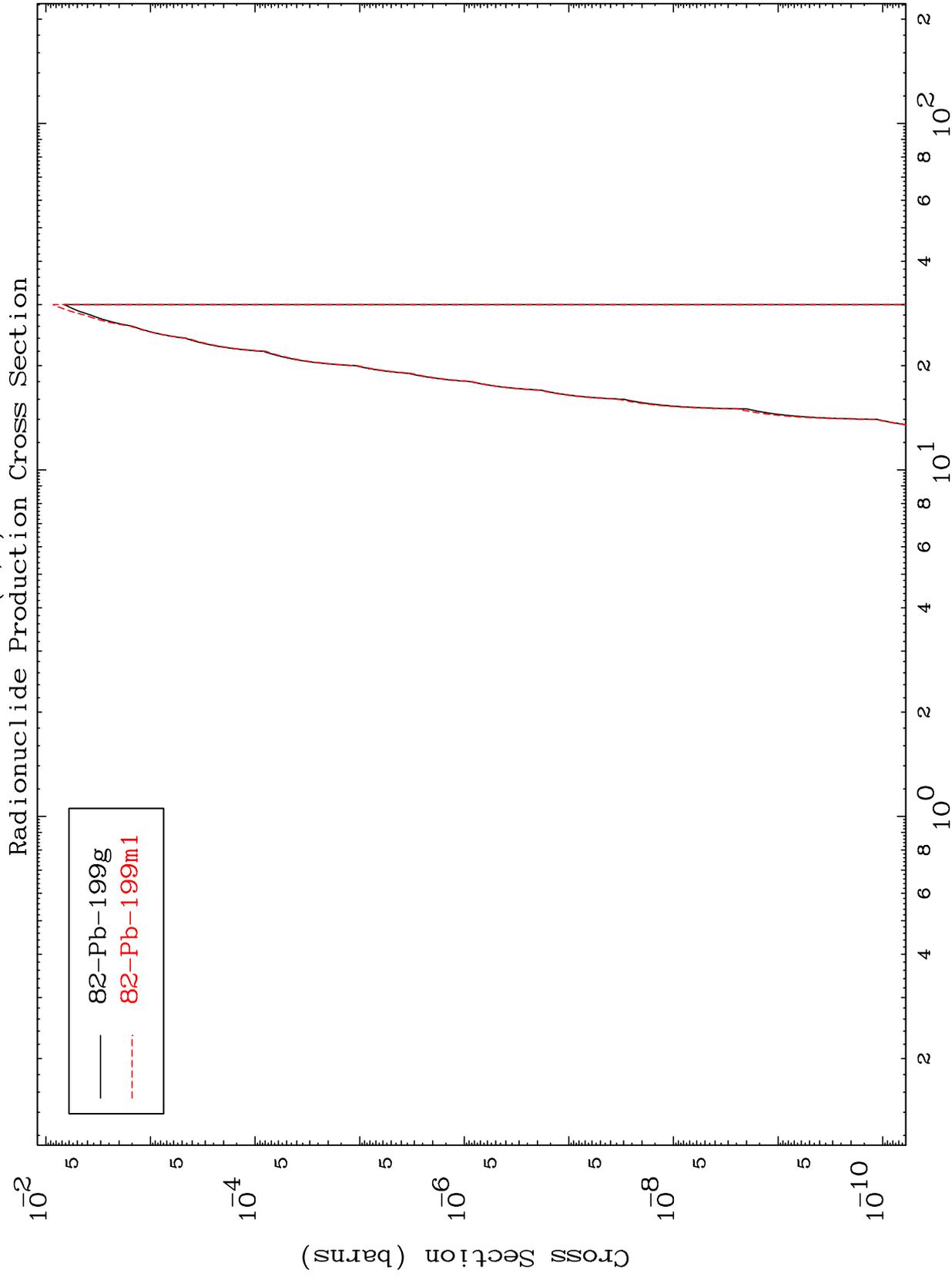
82-Pb-199m

MAT 8211

82-Pb-199m

Radionuclide Production Cross Section

(n,  $\alpha$ )



82-Pb-199g  
82-Pb-199m1

Incident Energy (MeV)

82-Pb-199m

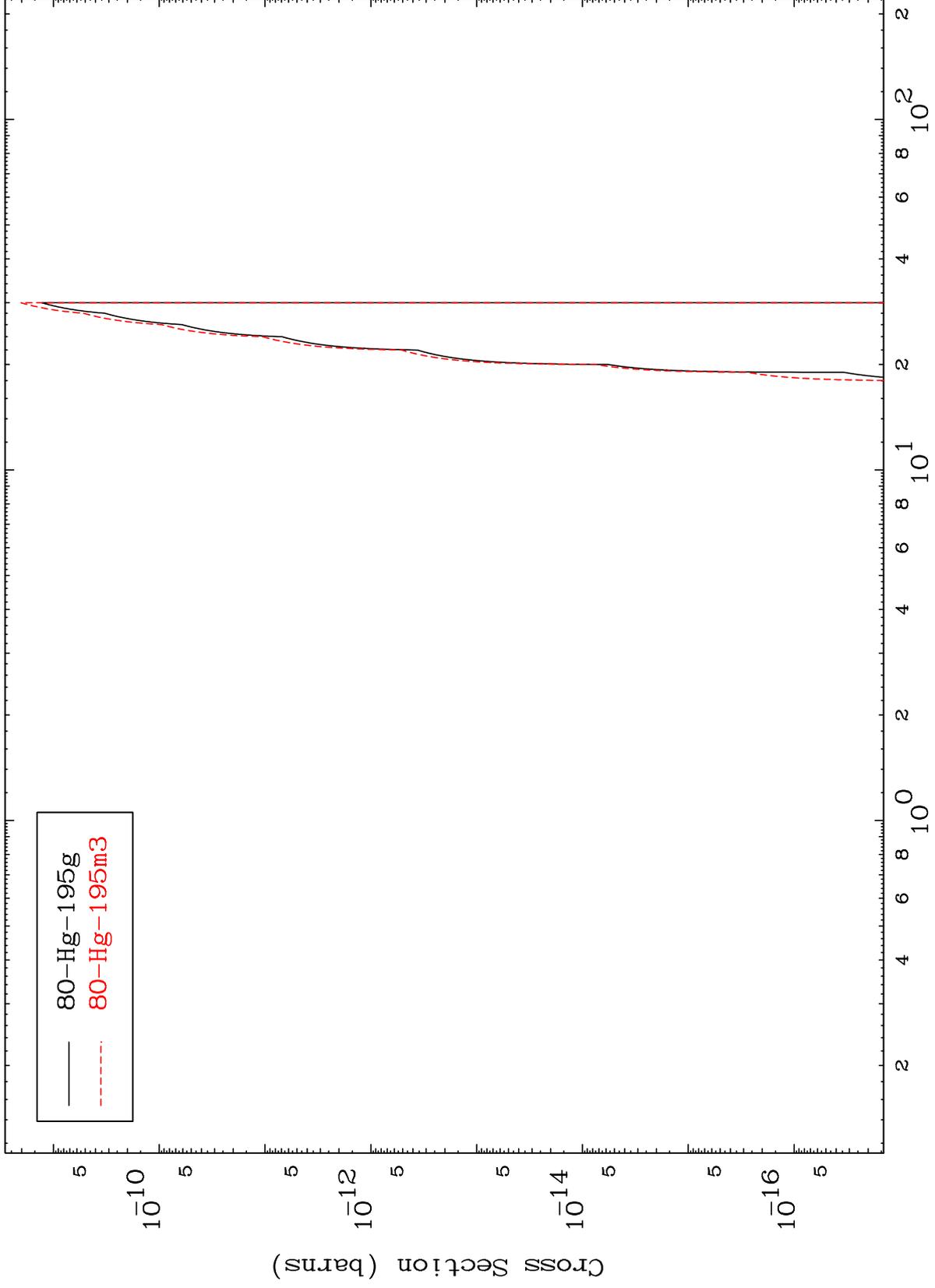
20

MAT 8211

(n,2α)

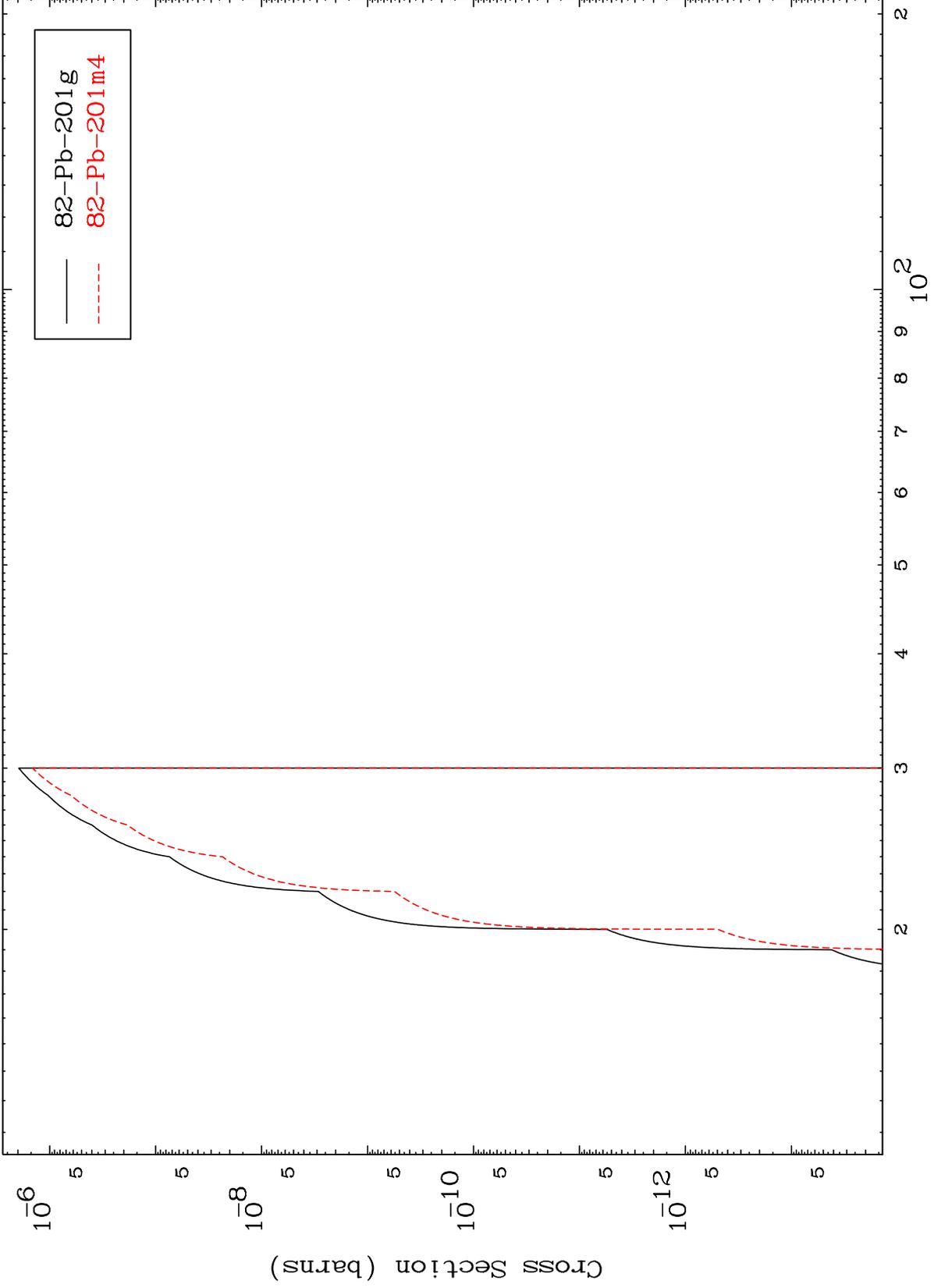
82-Pb-199m

Radionuclide Production Cross Section



80-Hg-195g  
80-Hg-195m3

(n,2p)  
Radionuclide Production Cross Section

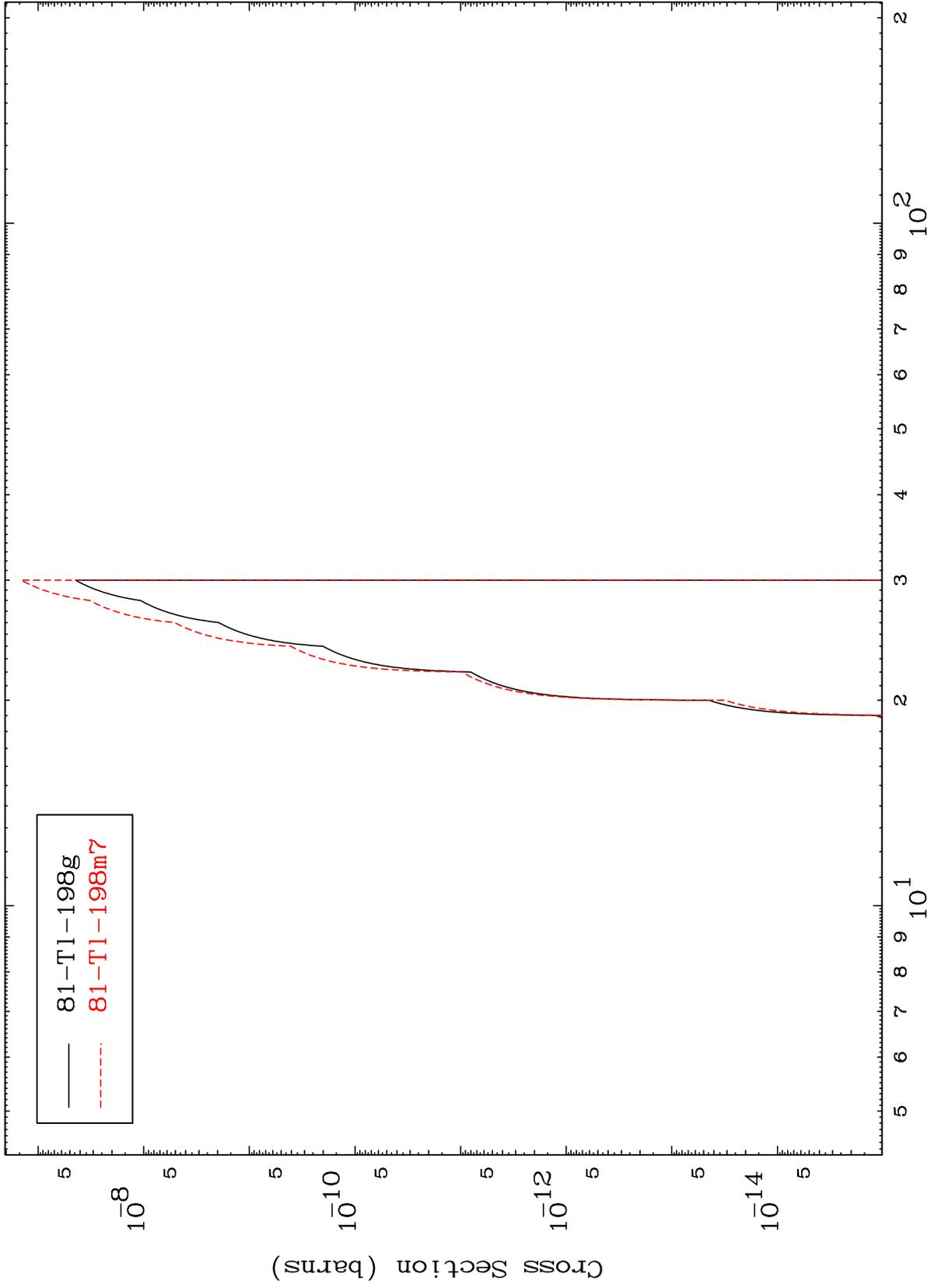


MAT 8211

(n,p)  $\alpha$

82-Pb-199m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

82-Pb-199m