

Program EVALPLOT  
(Version 2021-1)

by

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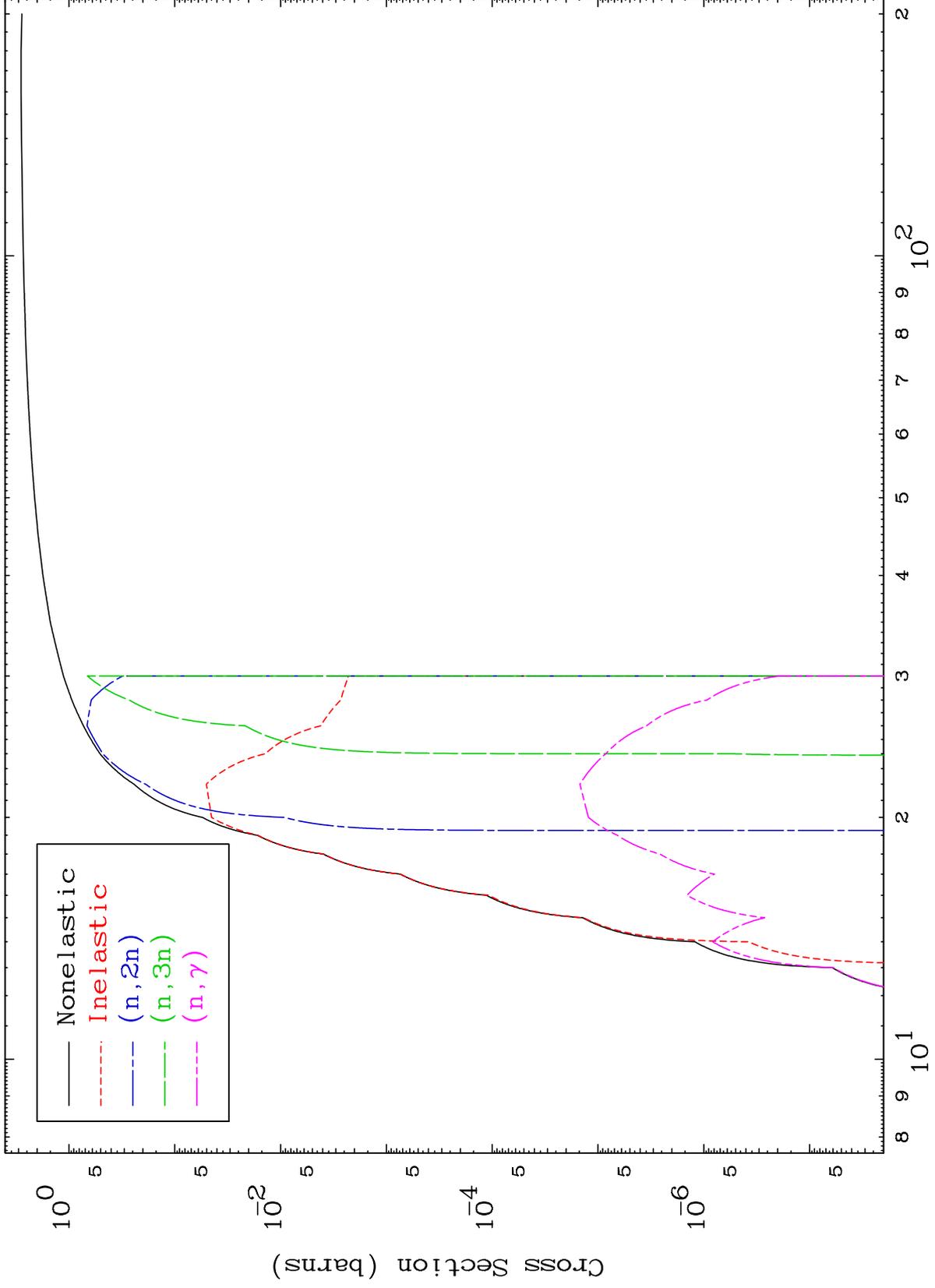
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8240

0 Kelvin  
 $\alpha$  Major Cross Sections

82-Pb-209



1

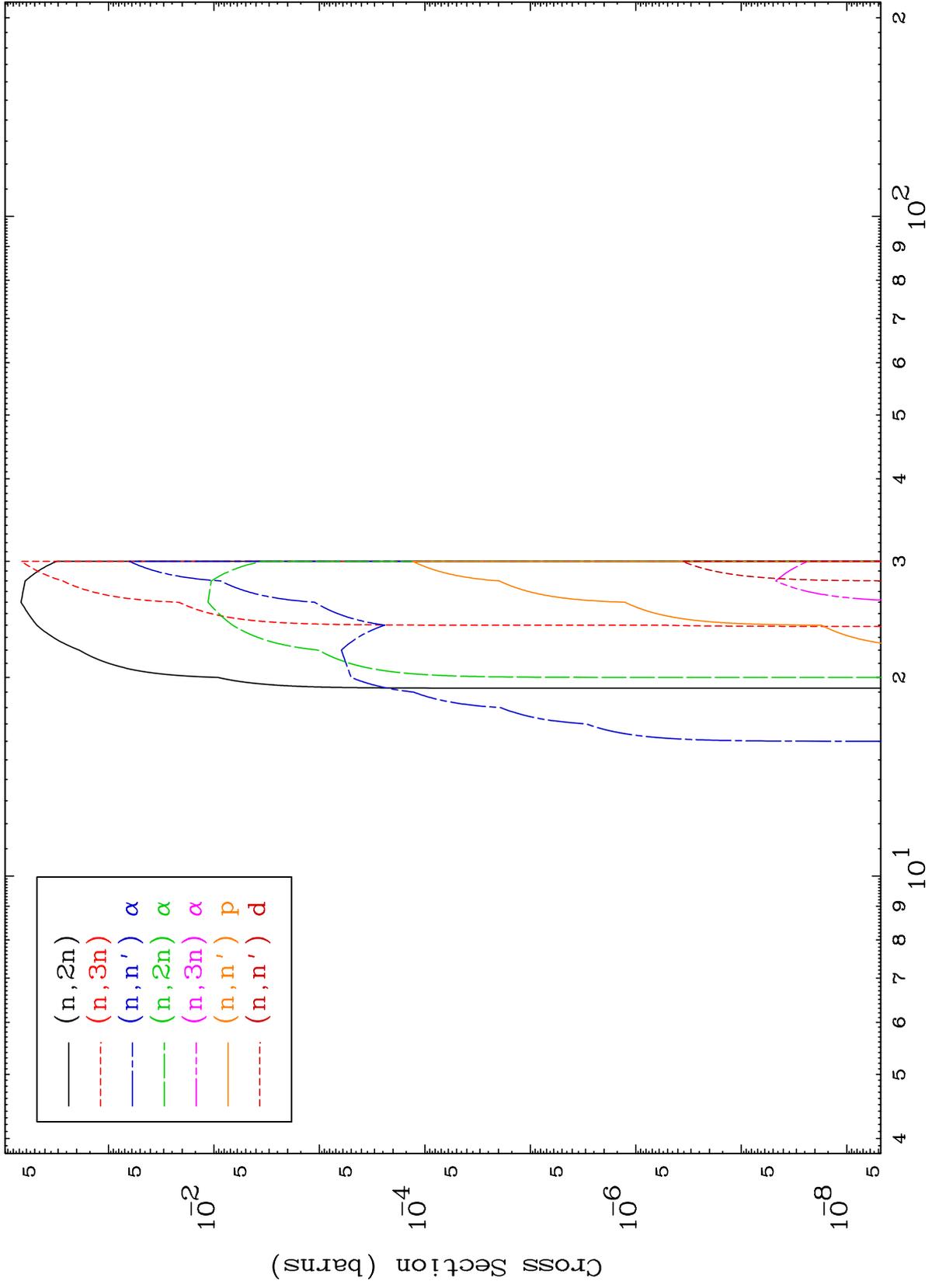
Incident Energy (MeV)

82-Pb-209

MAT 8240

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-209



82-Pb-209

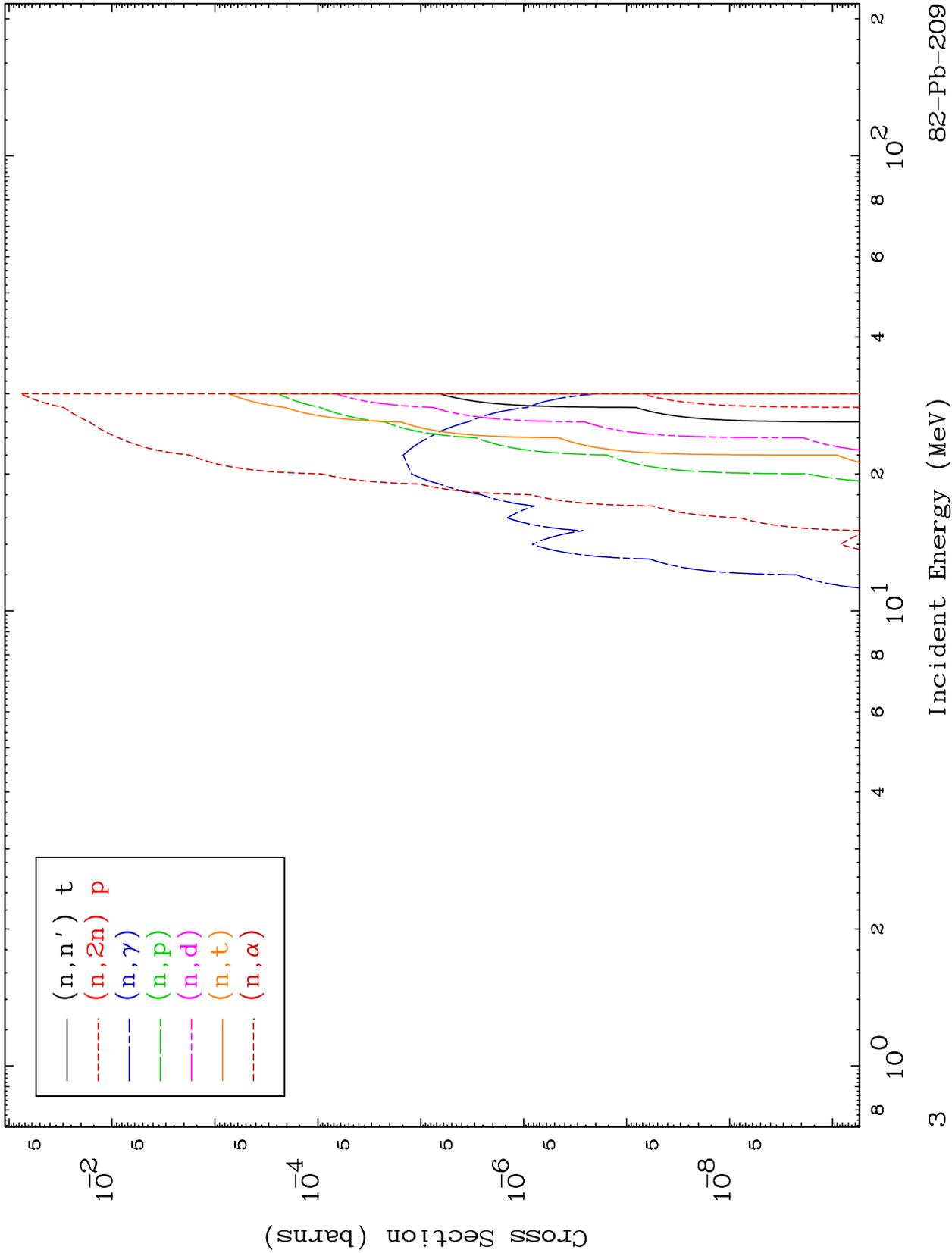
Incident Energy (MeV)

2

MAT 8240

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-209



3

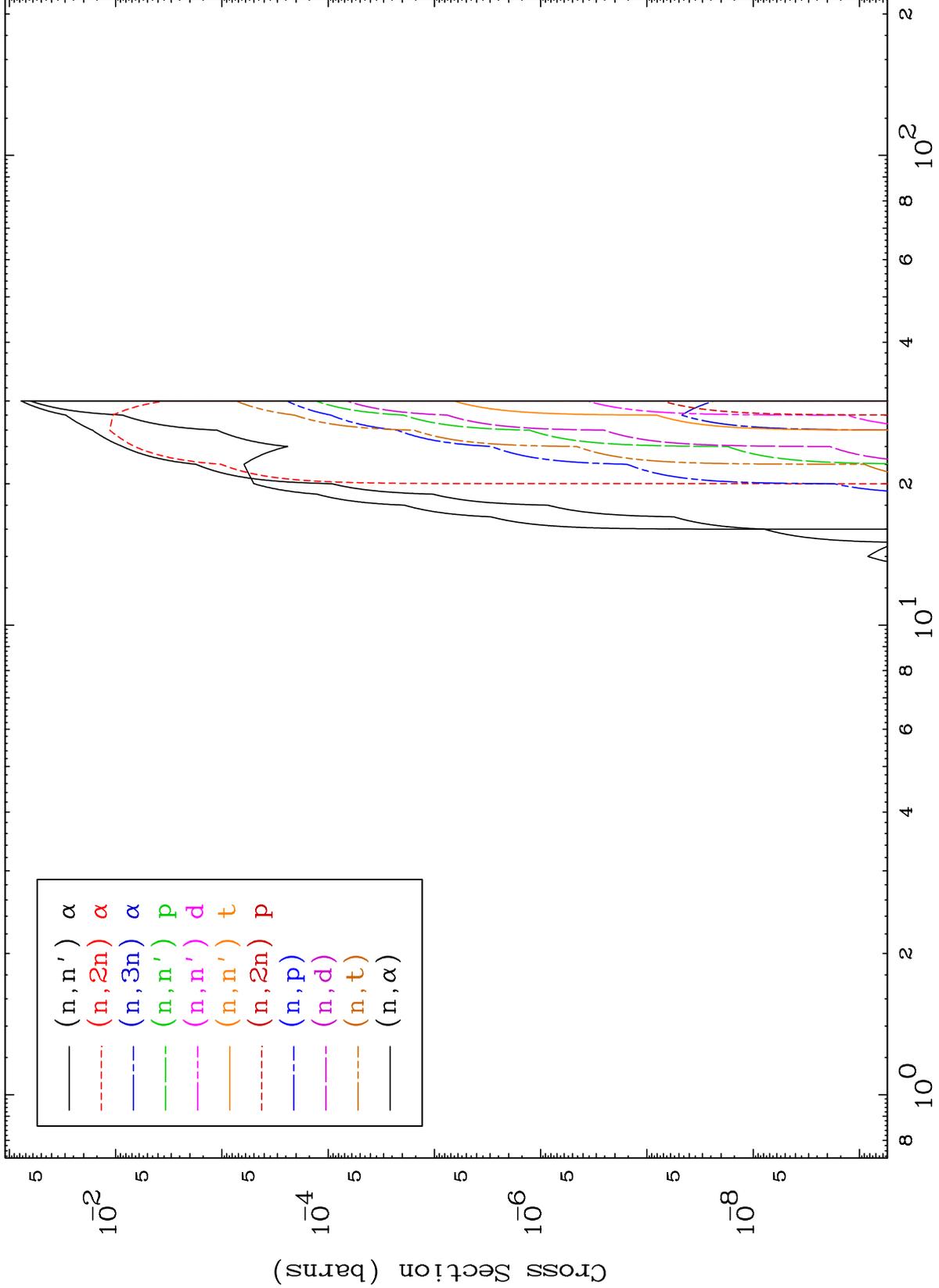
Incident Energy (MeV)

82-Pb-209

MAT 8240

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

82-Pb-209



4

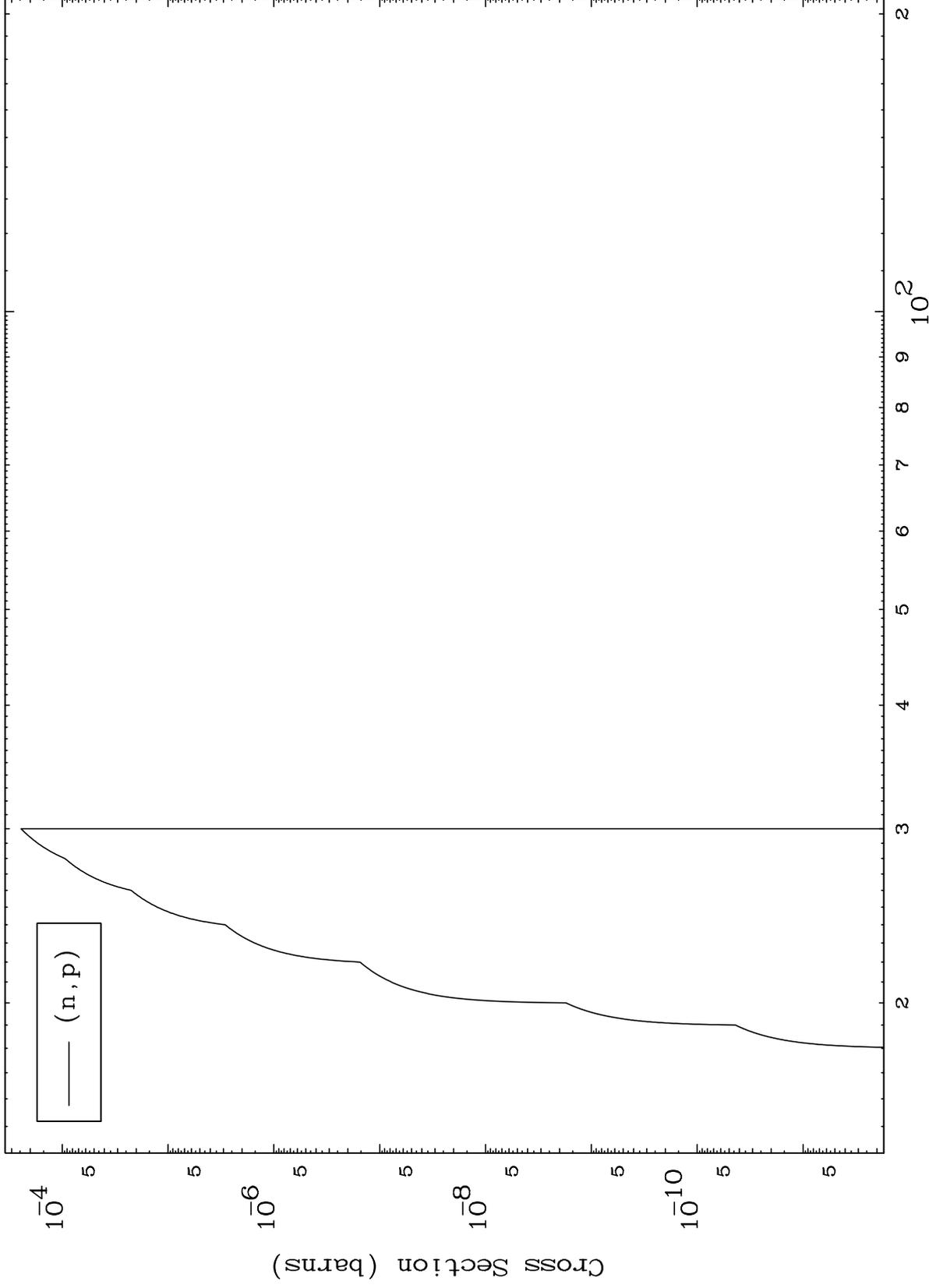
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



5

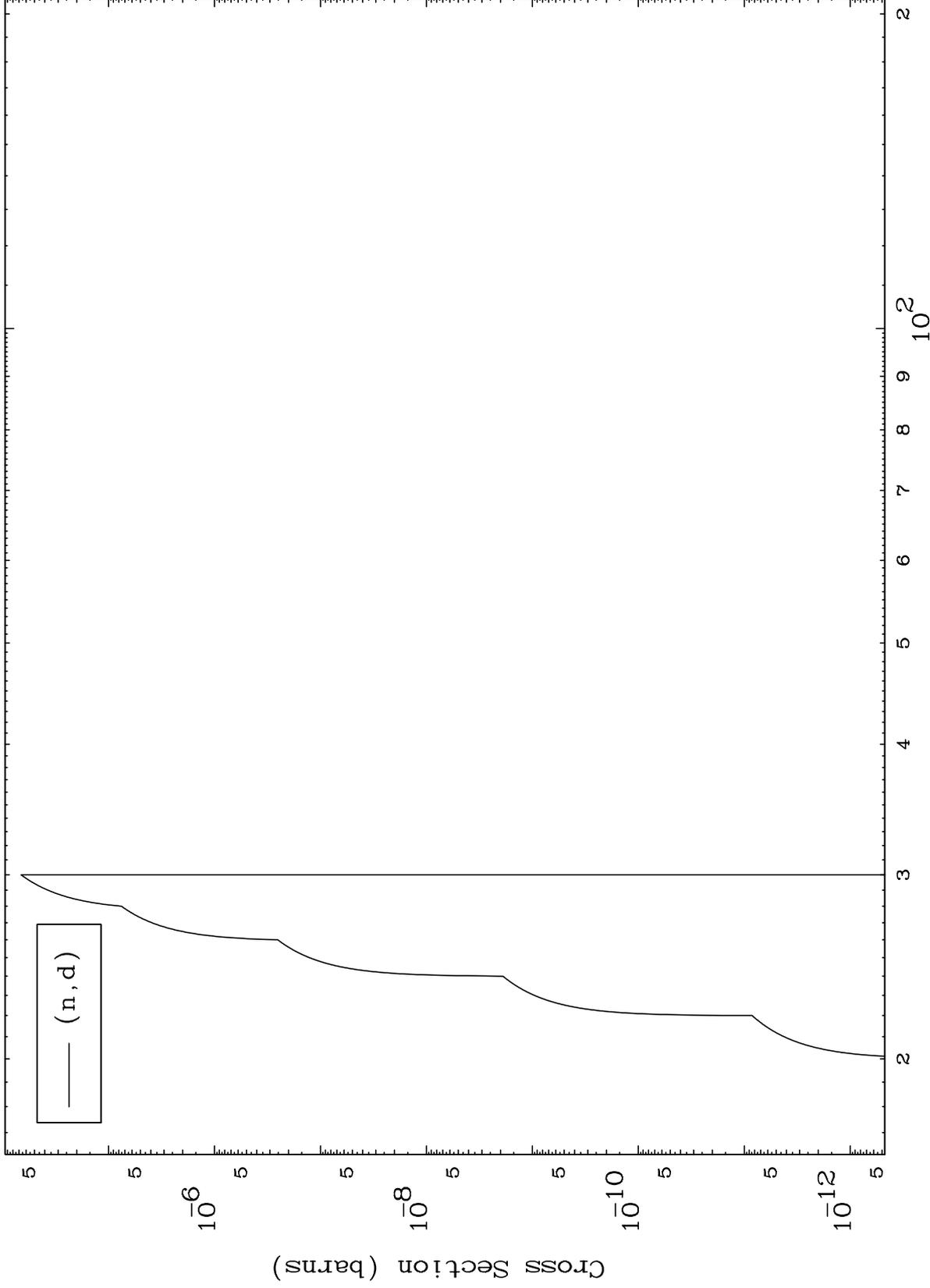
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



6

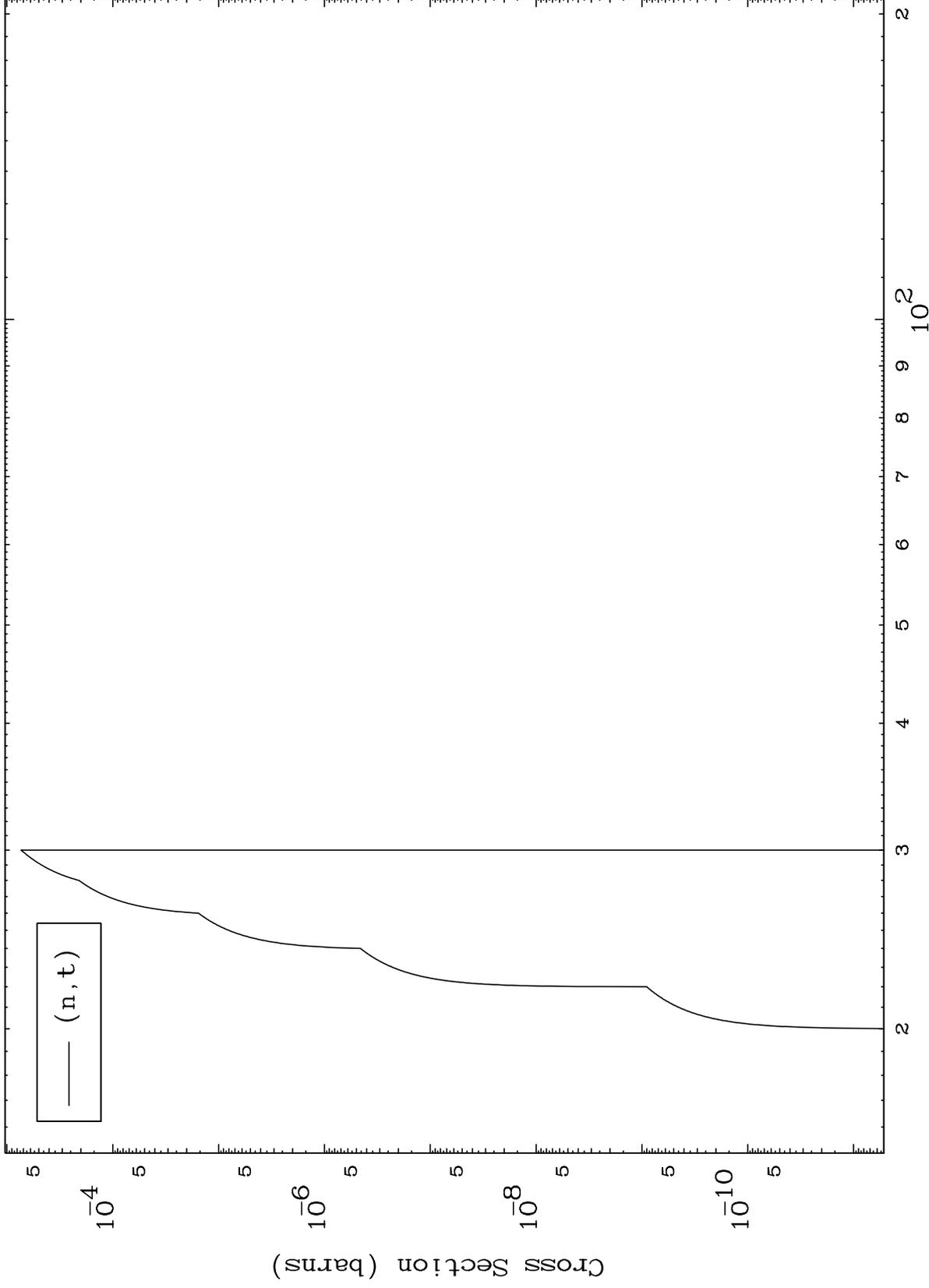
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



7

Incident Energy (MeV)

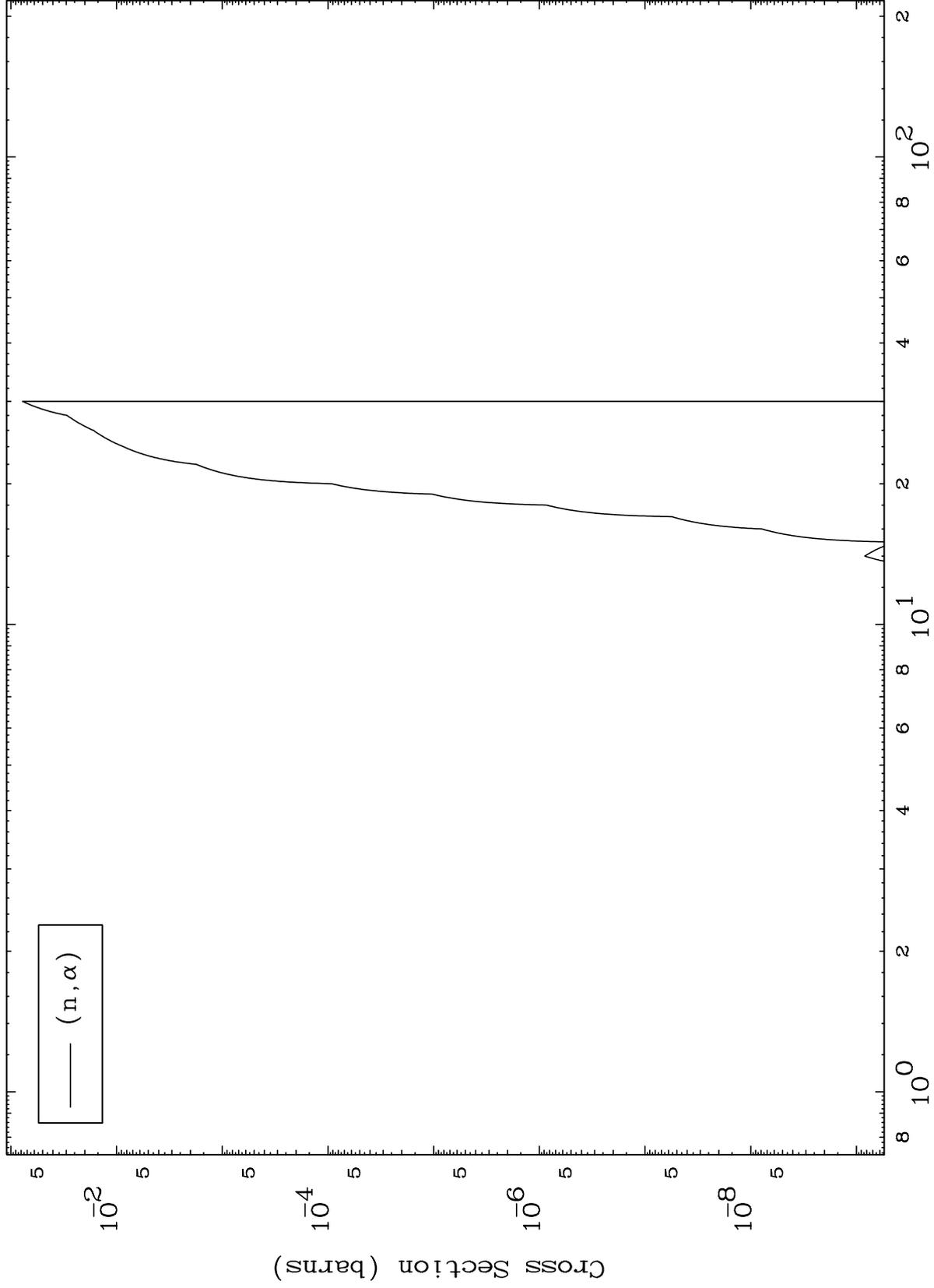
82-Pb-209

MAT 8240

( $\alpha, \alpha$ ) Levels

82-Pb-209

0 Kelvin Cross Sections



8

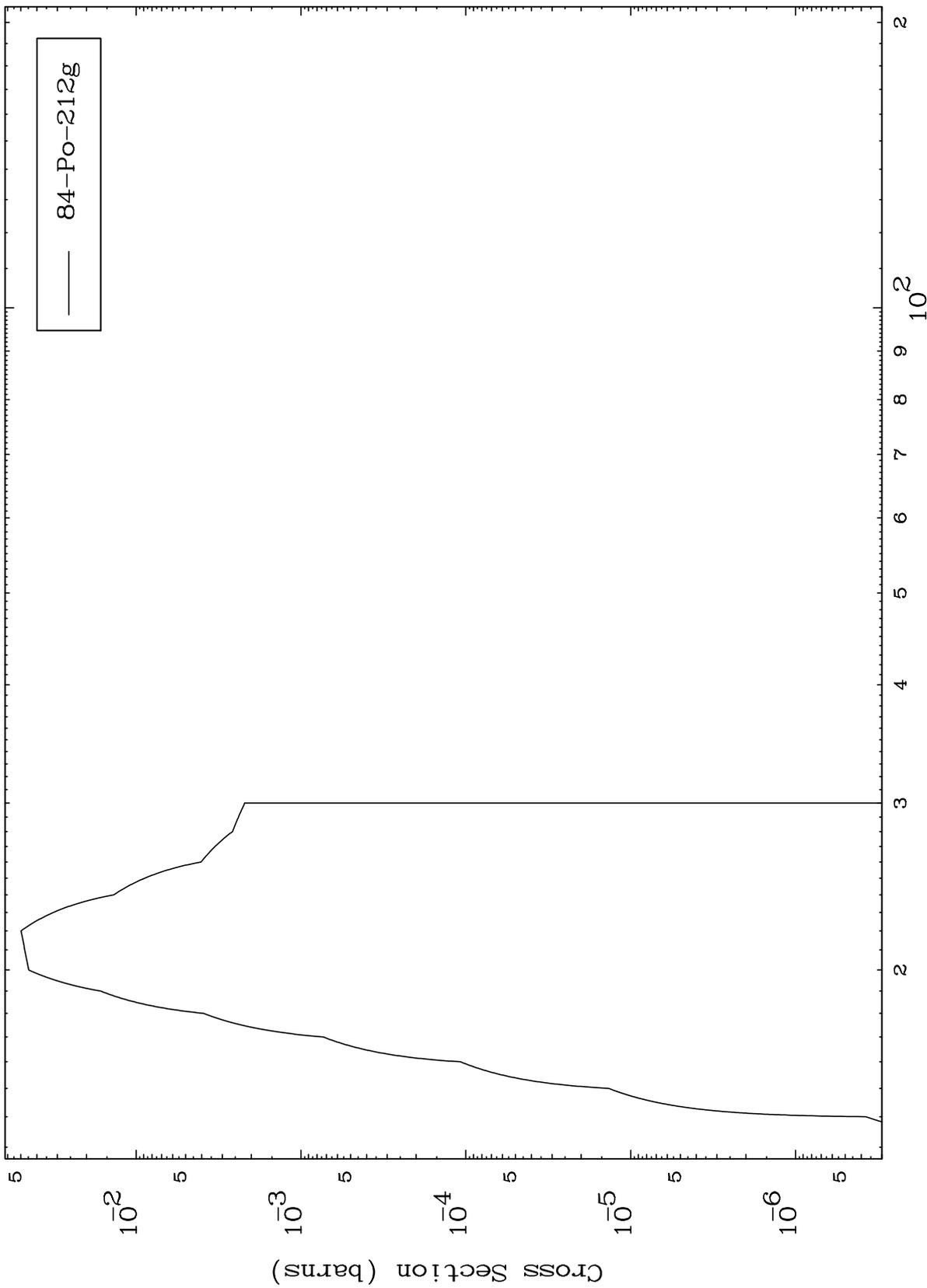
Incident Energy (MeV)

82-Pb-209

MAT 8240

82-Pb-209

Inelastic  
Radionuclide Production Cross Section



9

Incident Energy (MeV)

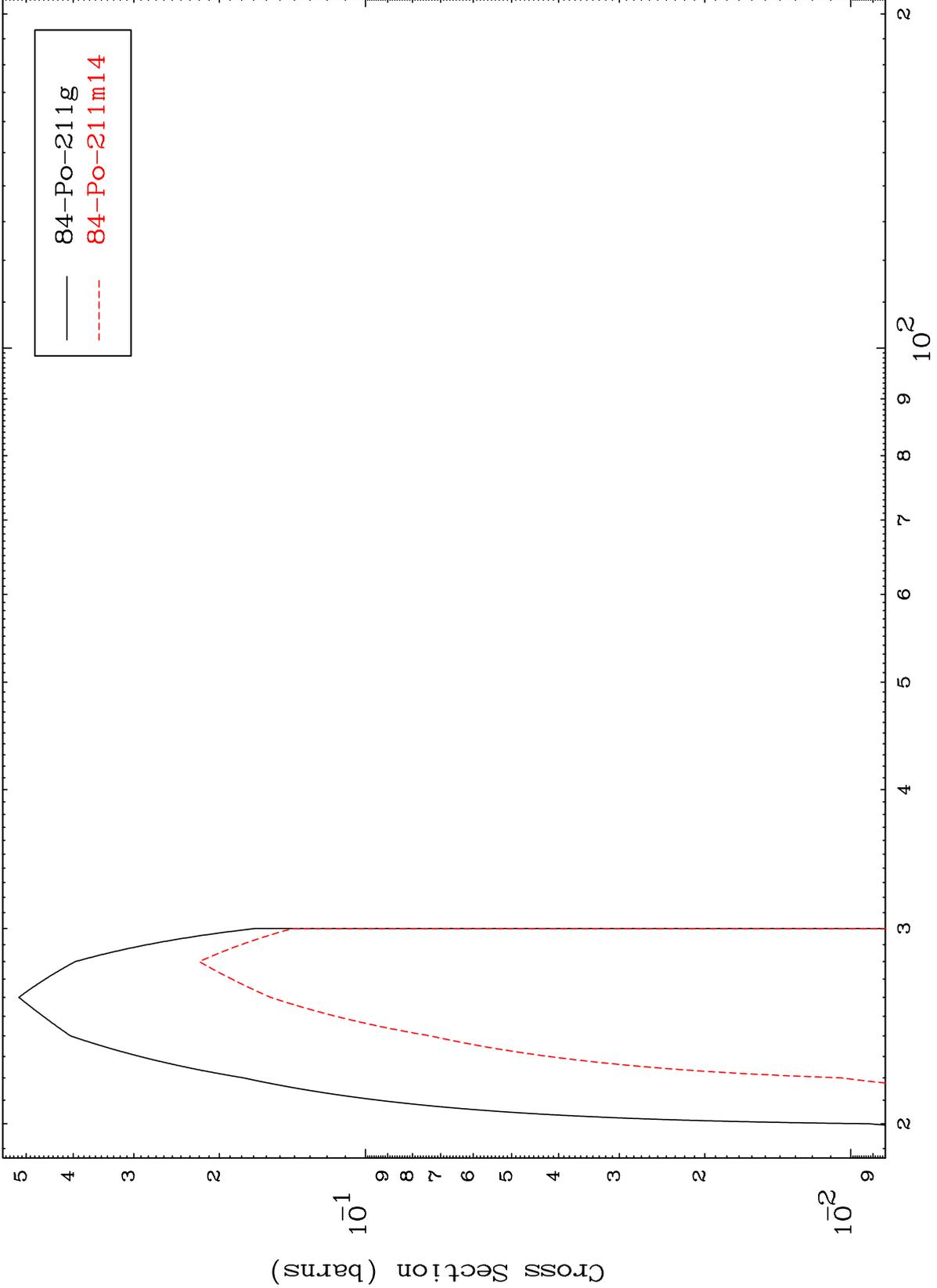
82-Pb-209

MAT 8240

(n,2n)

82-Pb-209

Radionuclide Production Cross Section



84-Po-211g  
84-Po-211m14

10

Incident Energy (MeV)

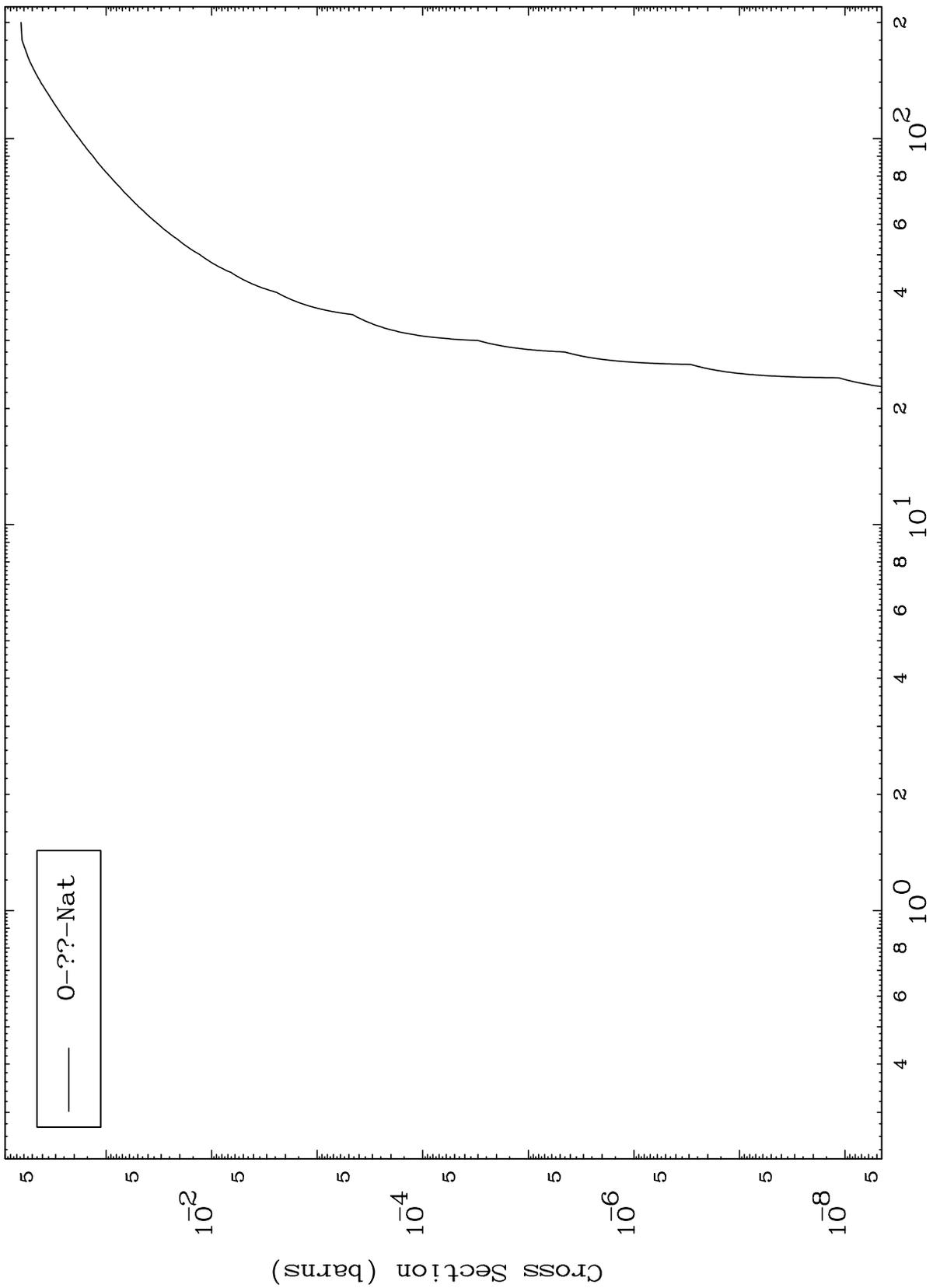
82-Pb-209

MAT 8240

Fission

82-Pb-209

Radionuclide Production Cross Section

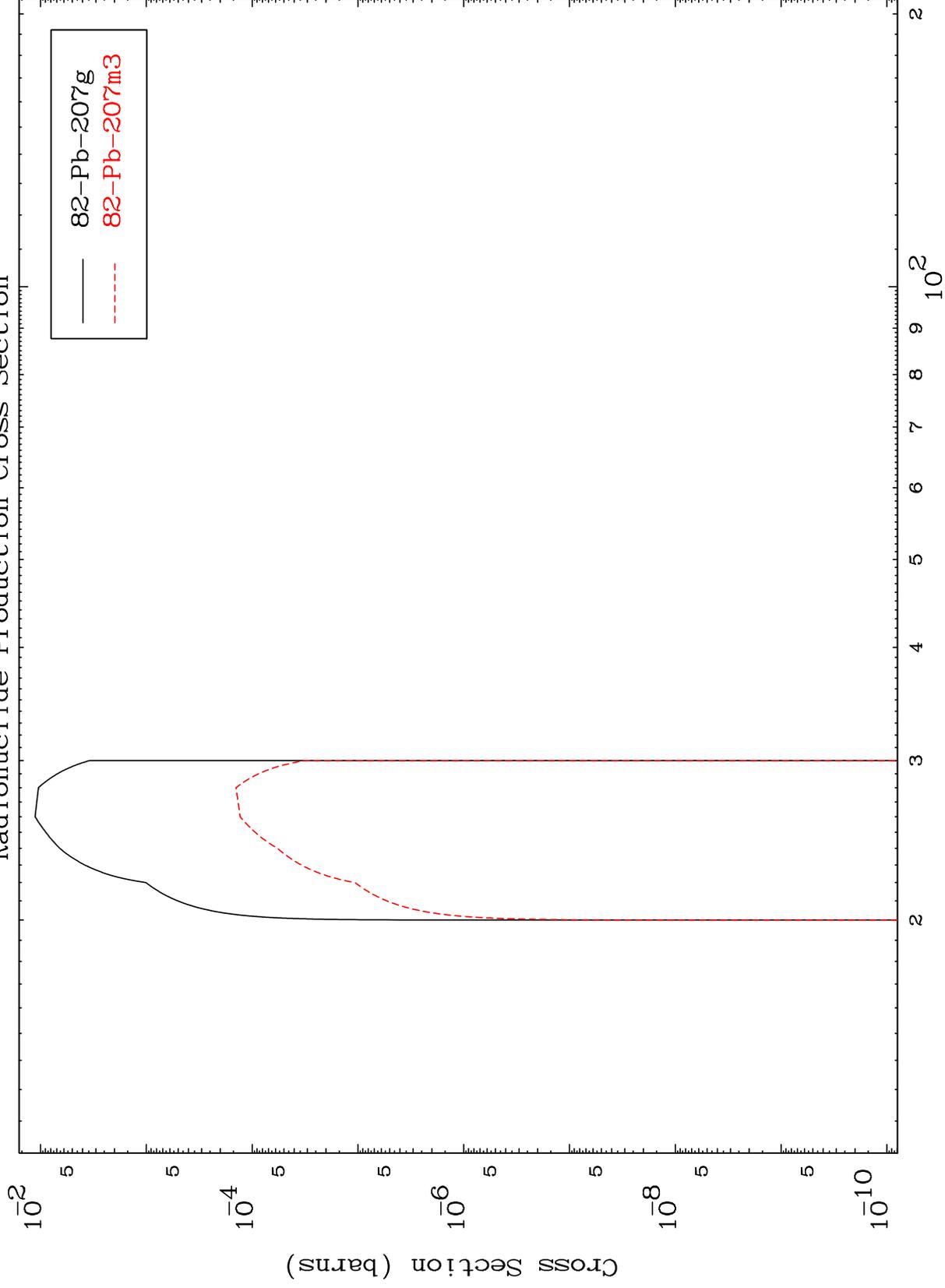


MAT 8240

$(n,2n) \alpha$

82-Pb-209

Radionuclide Production Cross Section



12

Incident Energy (MeV)

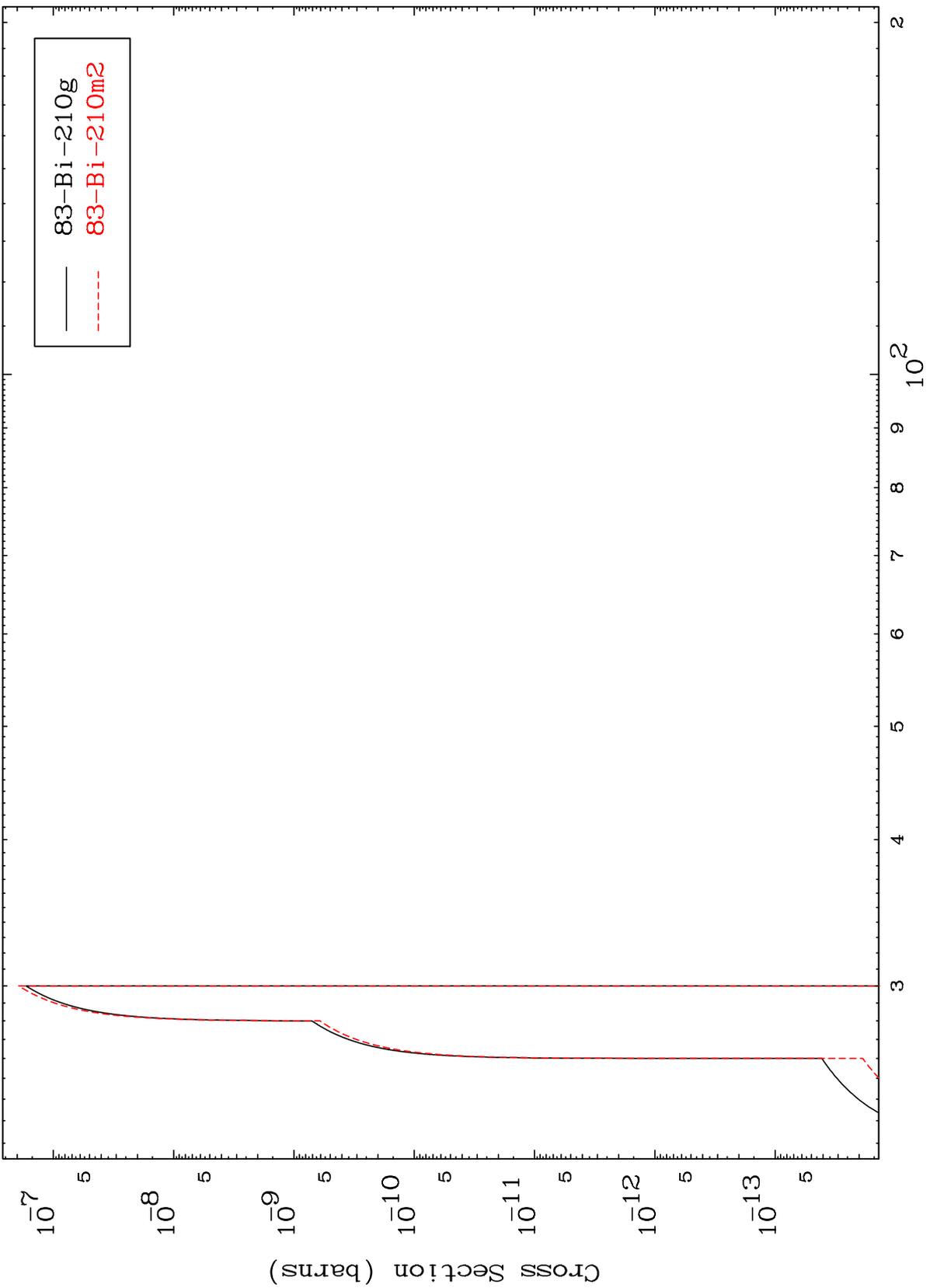
82-Pb-209

MAT 8240

(n,n') d

82-Pb-209

Radionuclide Production Cross Section



13

Incident Energy (MeV)

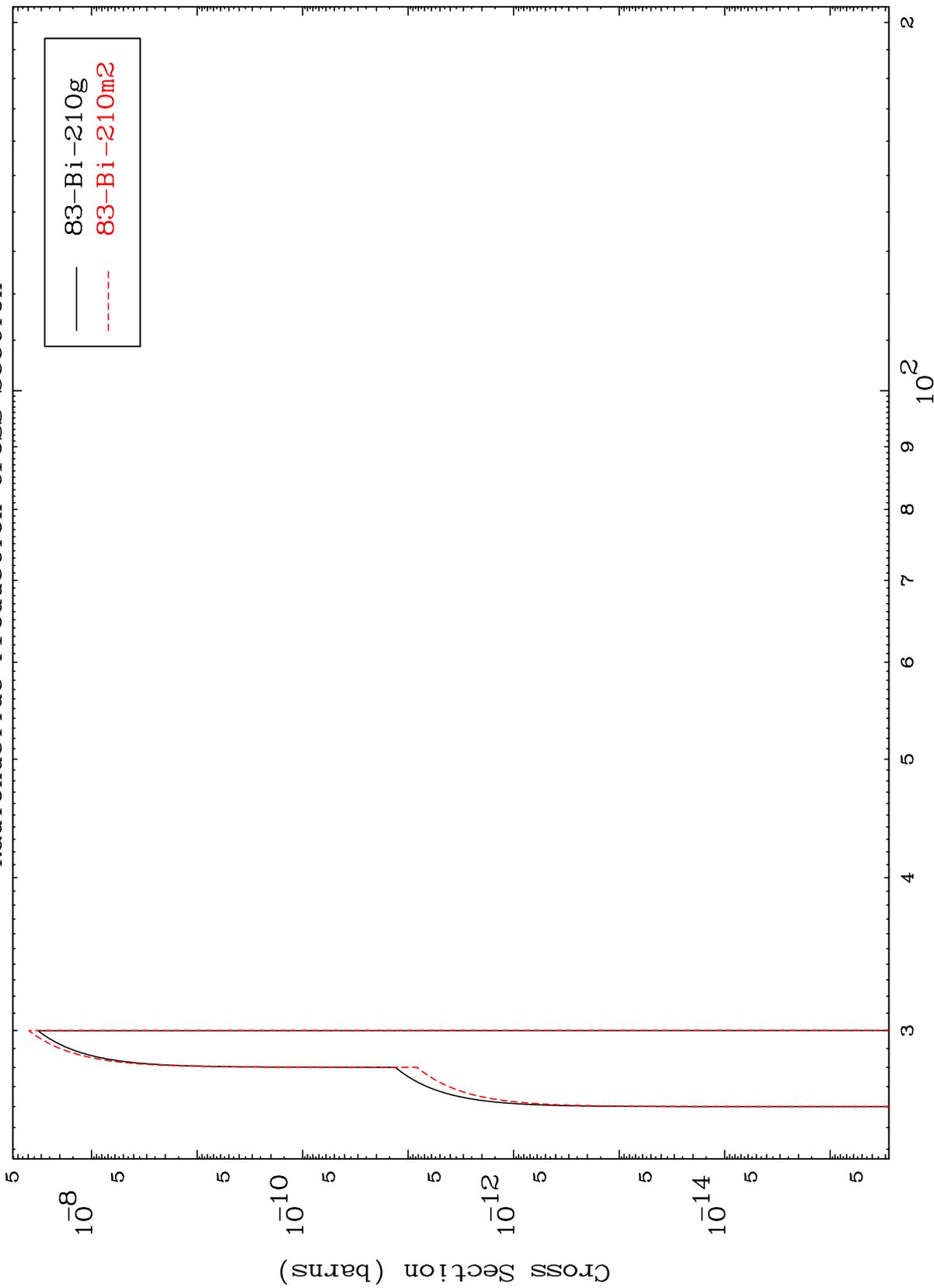
82-Pb-209

MAT 8240

(n,2n) p

82-Pb-209

Radionuclide Production Cross Section



14

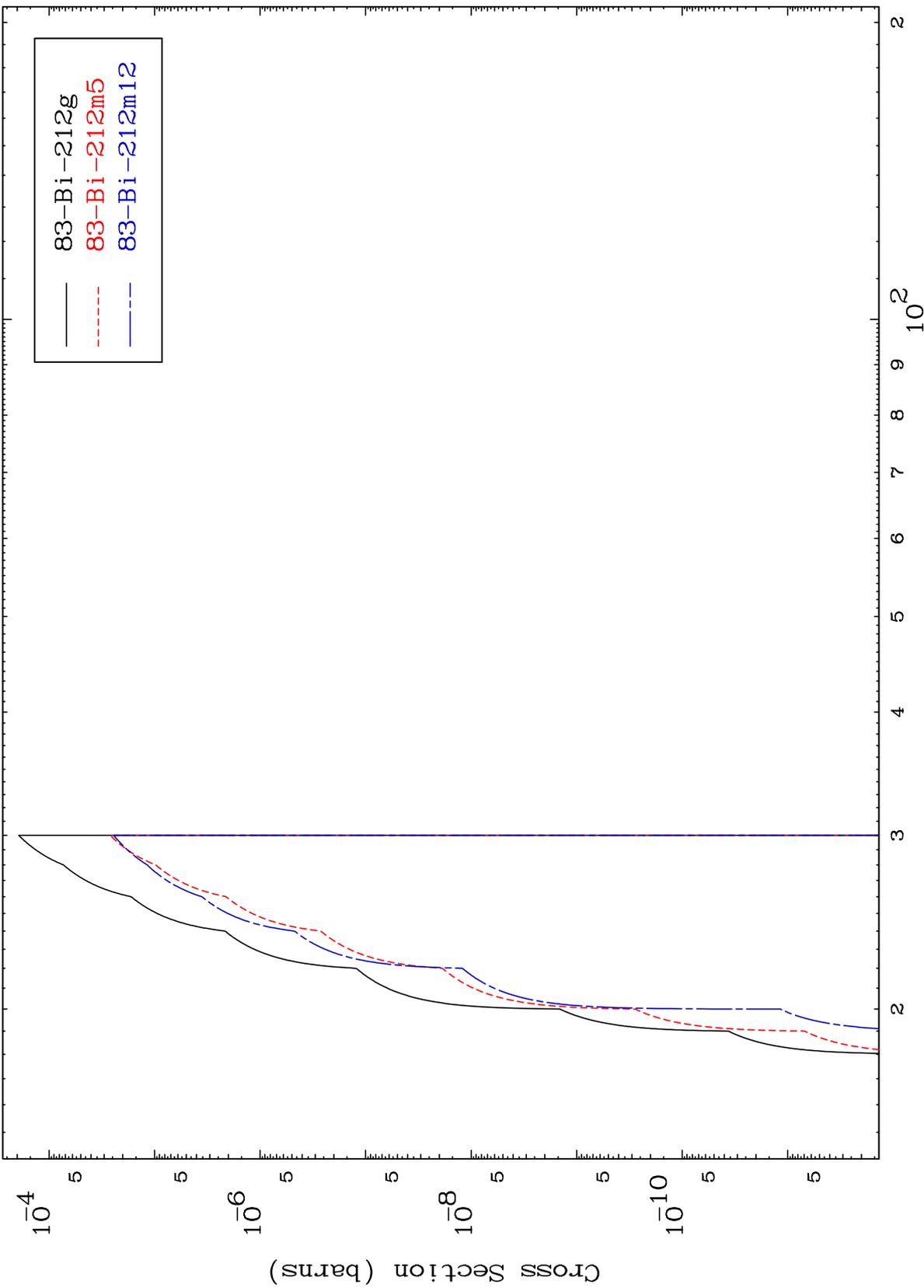
Incident Energy (MeV)

82-Pb-209

MAT 8240

82-Pb-209

(n,p)  
Radionuclide Production Cross Section



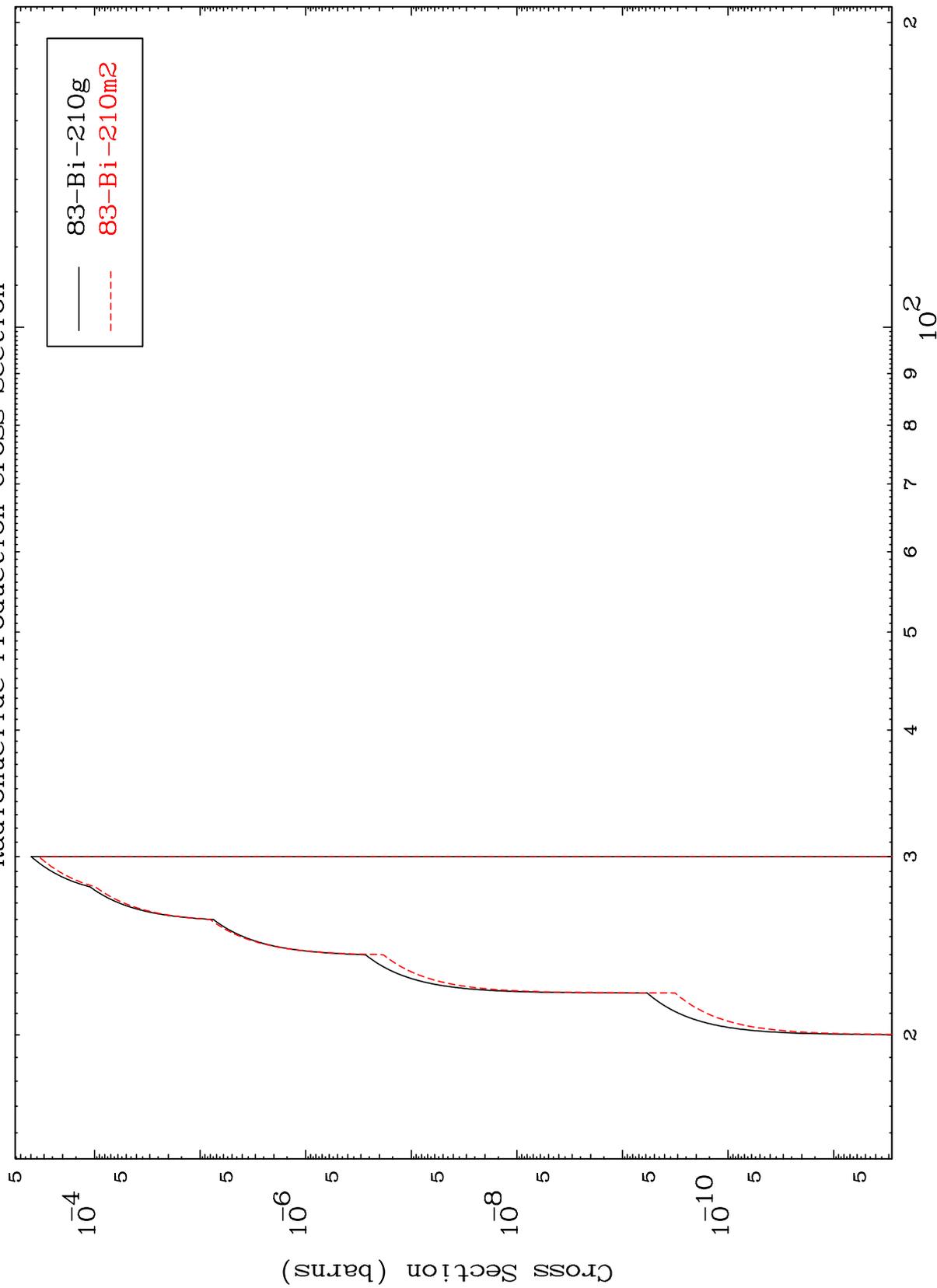
15

82-Pb-209

MAT 8240

82-Pb-209

(n,t)  
Radionuclide Production Cross Section



16

82-Pb-209

Incident Energy (MeV)