

Program EVALPLOT  
(Version 2021-1)

by

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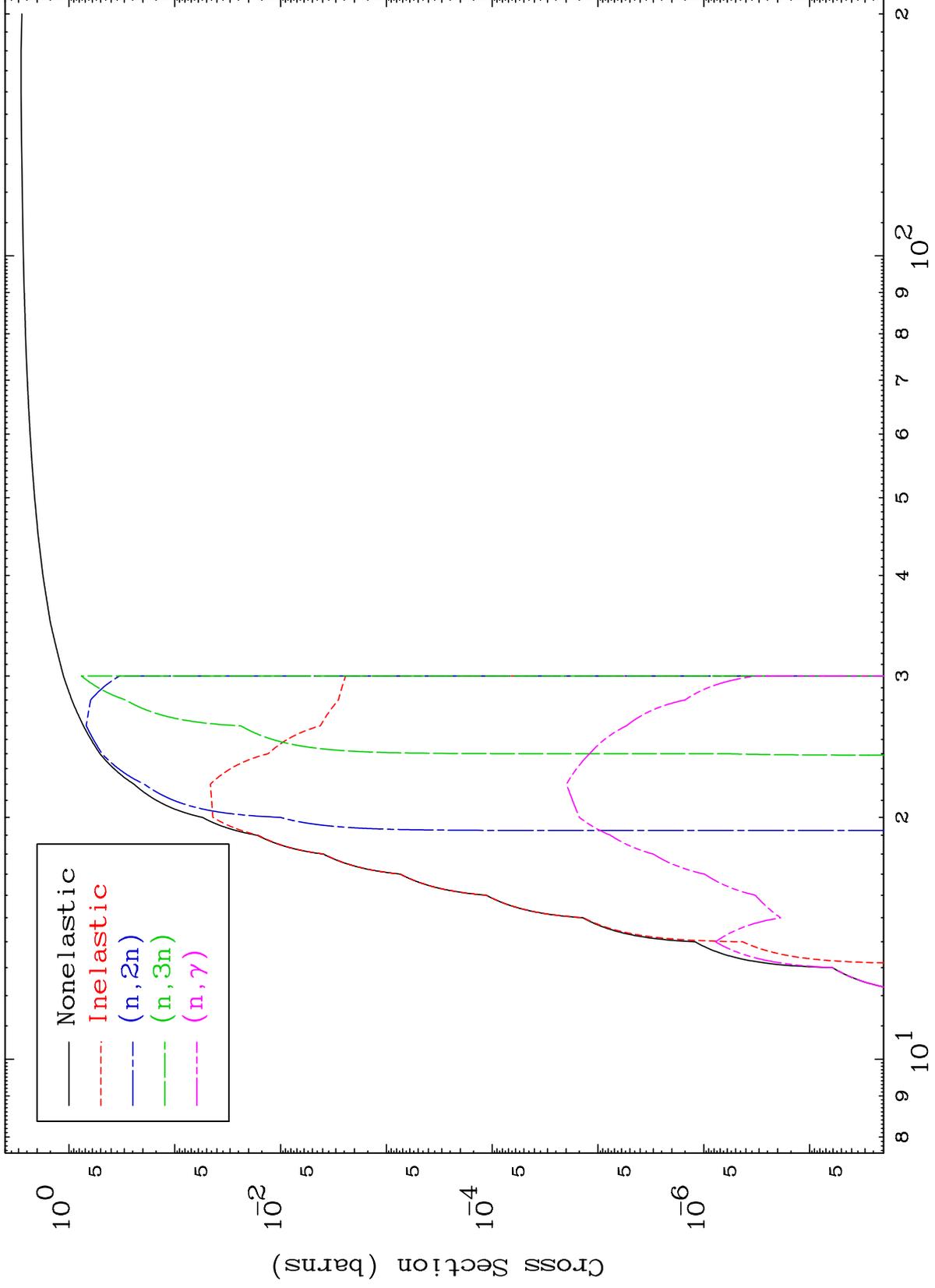
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8240

0 Kelvin  
 $\alpha$  Major Cross Sections

82-Pb-209



Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n, 3n)  
- - - (n,  $\gamma$ )

1

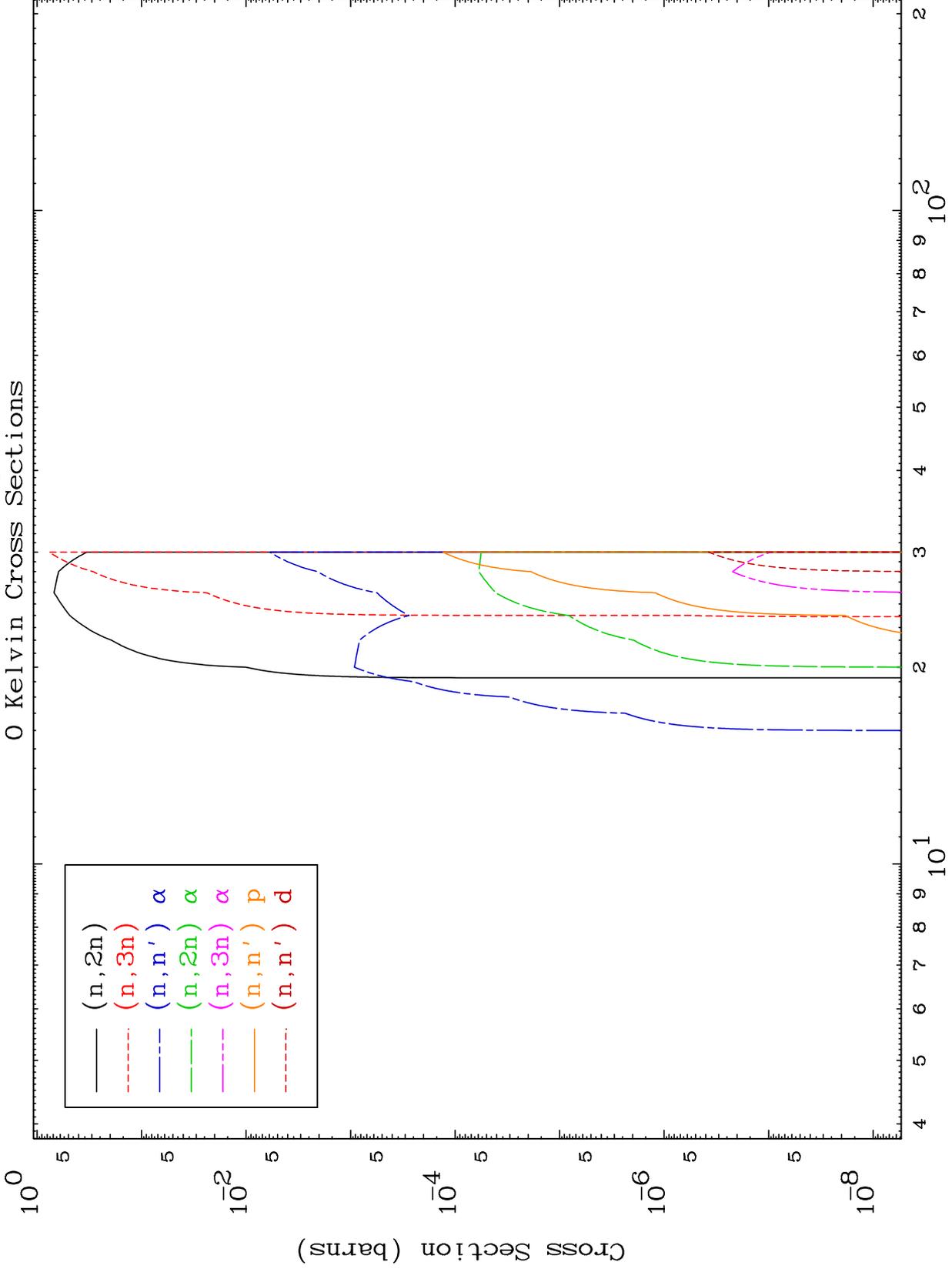
Incident Energy (MeV)

82-Pb-209

MAT 8240

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

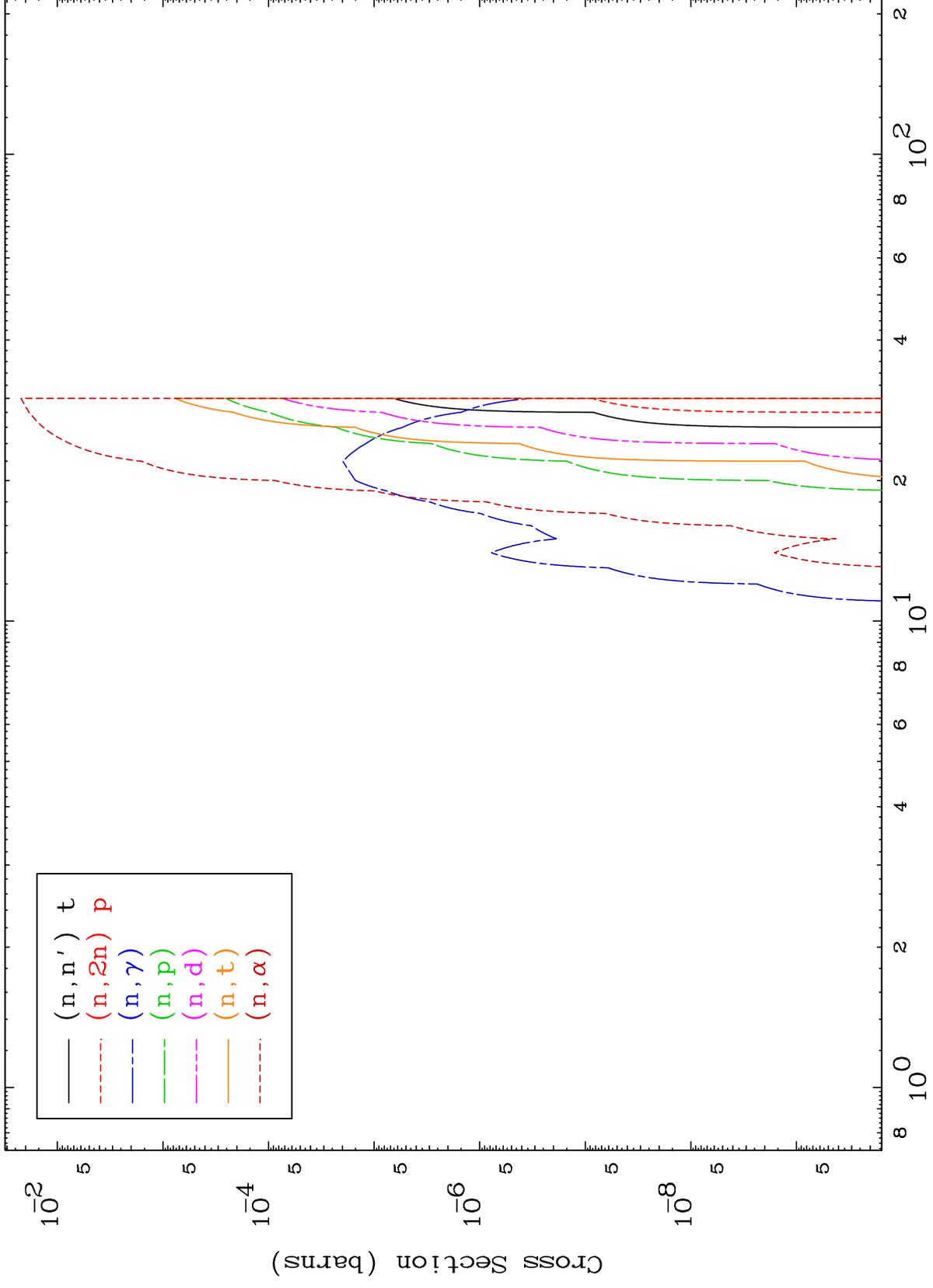
82-Pb-209



MAT 8240

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-209



3

Incident Energy (MeV)

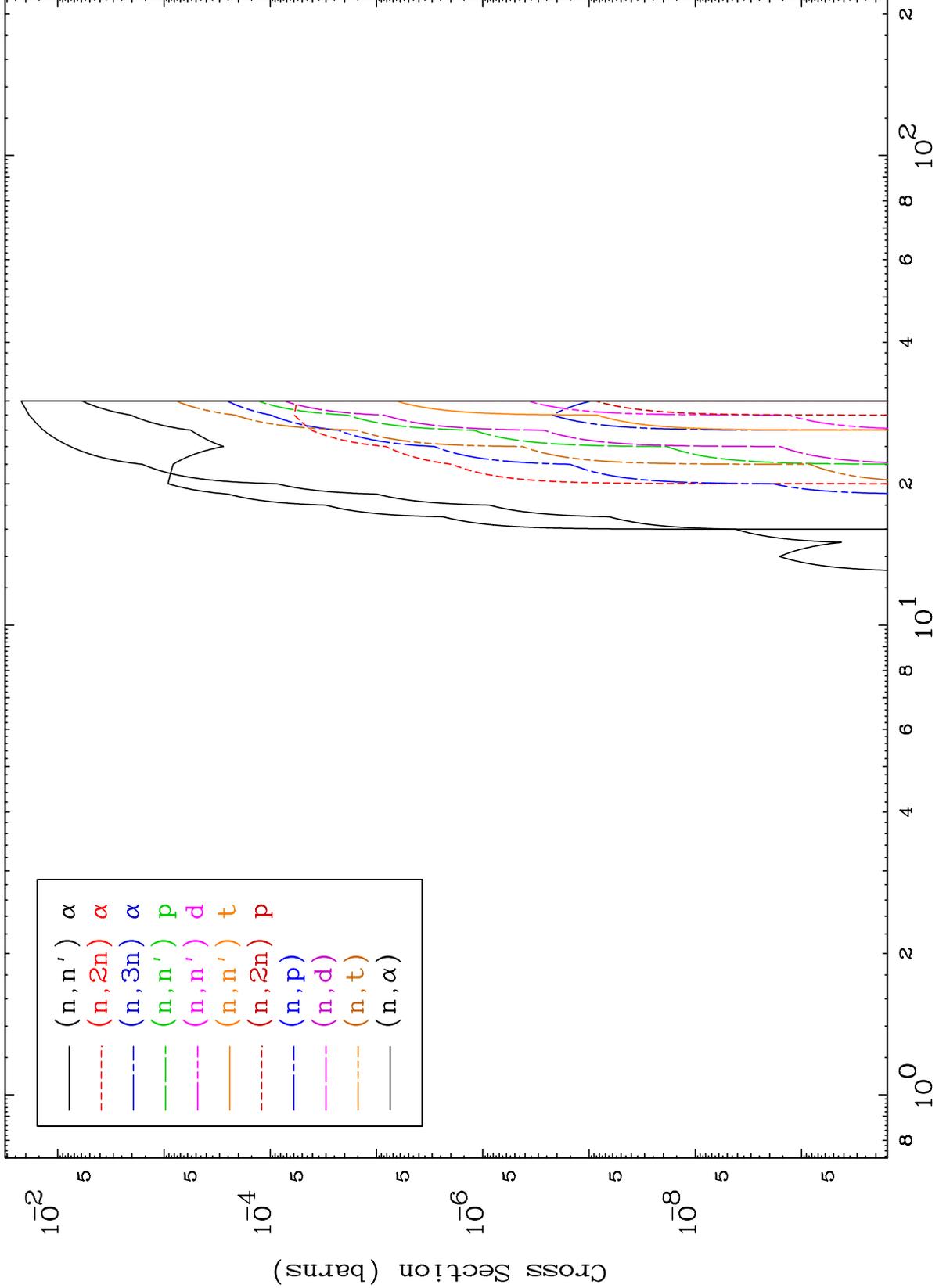
82-Pb-209

MAT 8240

$\alpha$  Charged Particle

82-Pb-209

0 Kelvin Cross Sections



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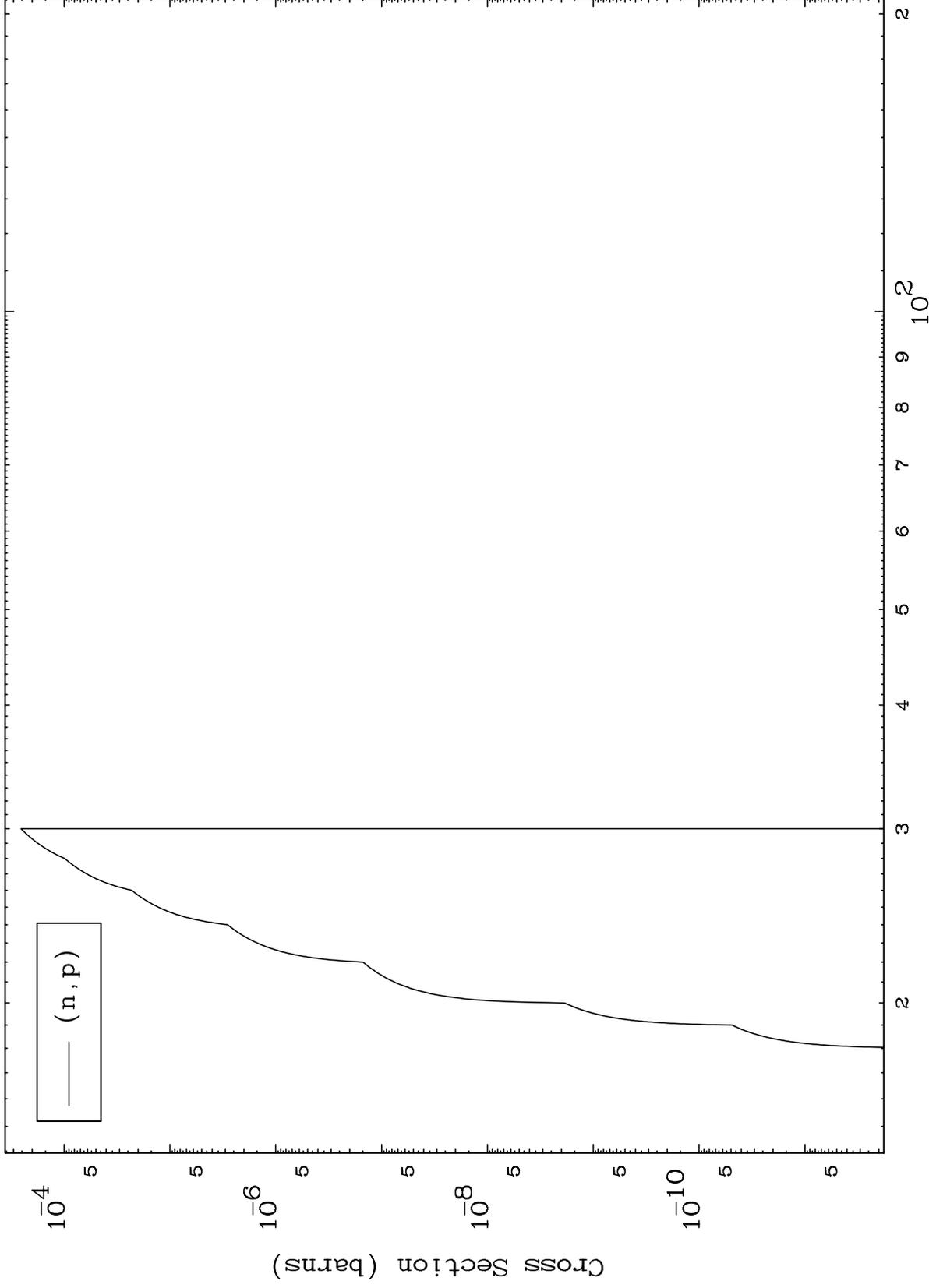
Incident Energy (MeV)

82-Pb-209

MAT 8240

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

82-Pb-209



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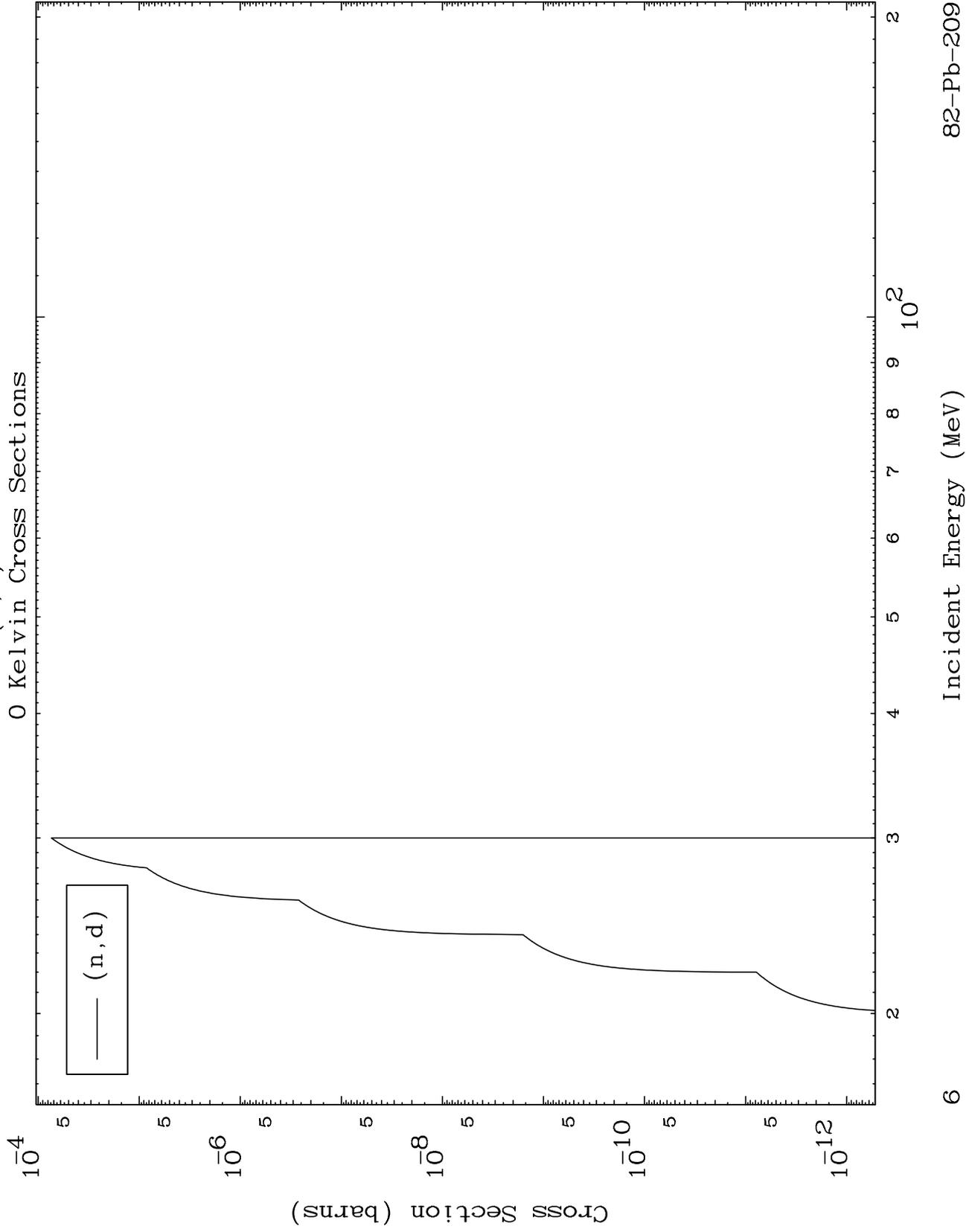
Incident Energy (MeV)

82-Pb-209

MAT 8240

( $\alpha, d$ ) Levels

82-Pb-209

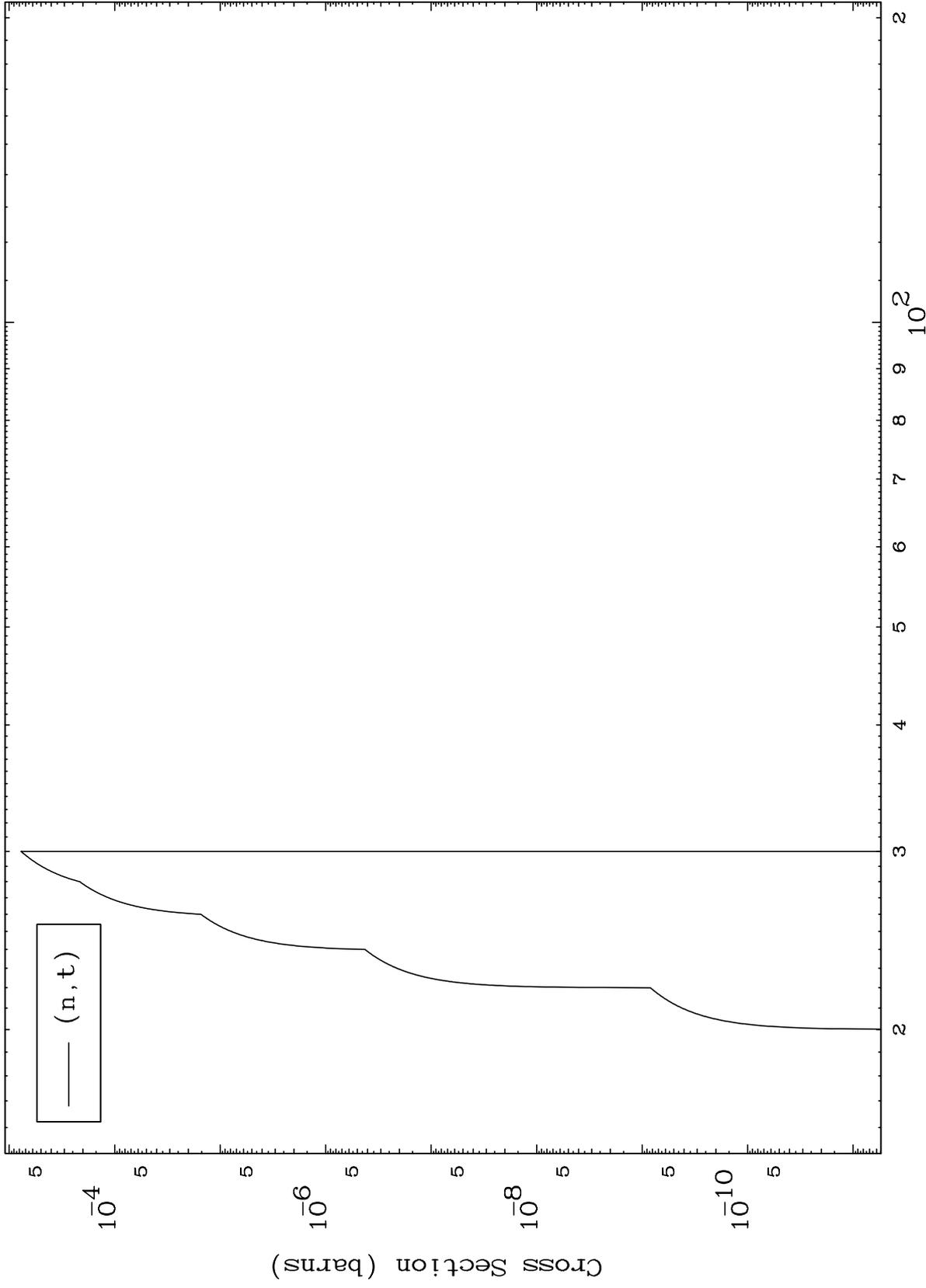


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MAT 8240

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

82-Pb-209

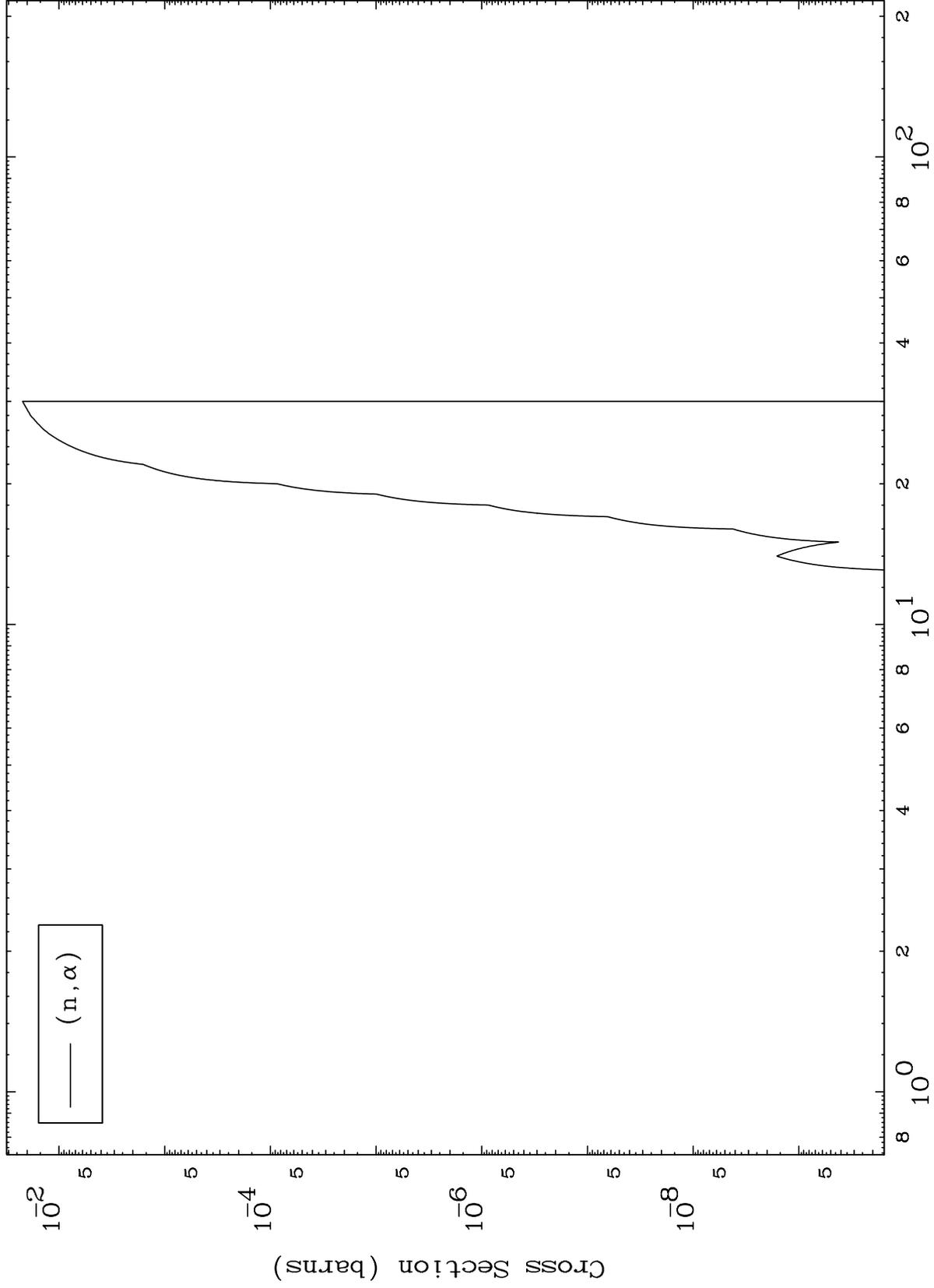


MAT 8240

( $\alpha, \alpha$ ) Levels

82-Pb-209

0 Kelvin Cross Sections



Incident Energy (MeV)

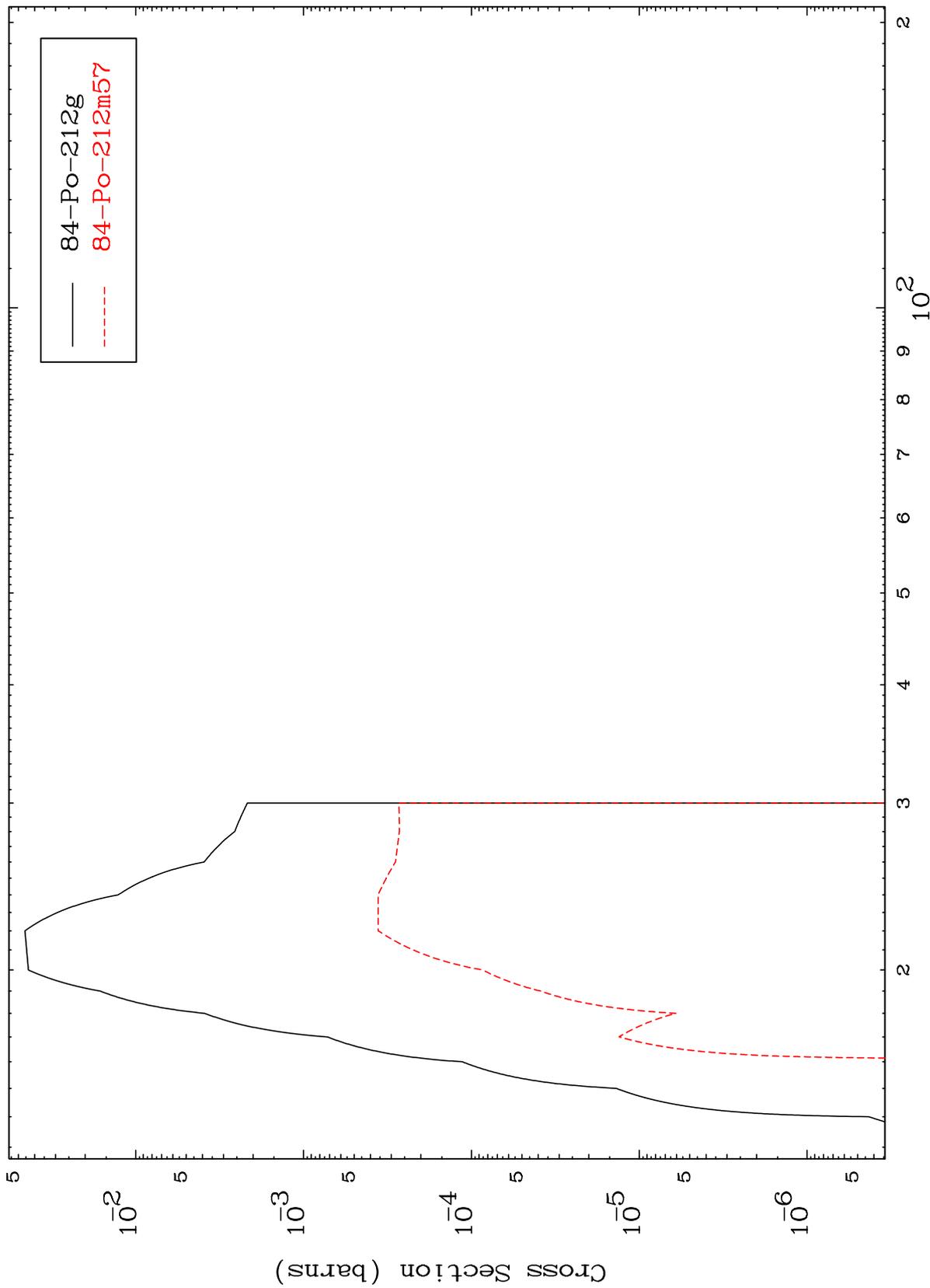
82-Pb-209

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MAT 8240

Inelastic  
Radionuclide Production Cross Section

82-Pb-209



84-Po-212g  
84-Po-212m57

9

Incident Energy (MeV)

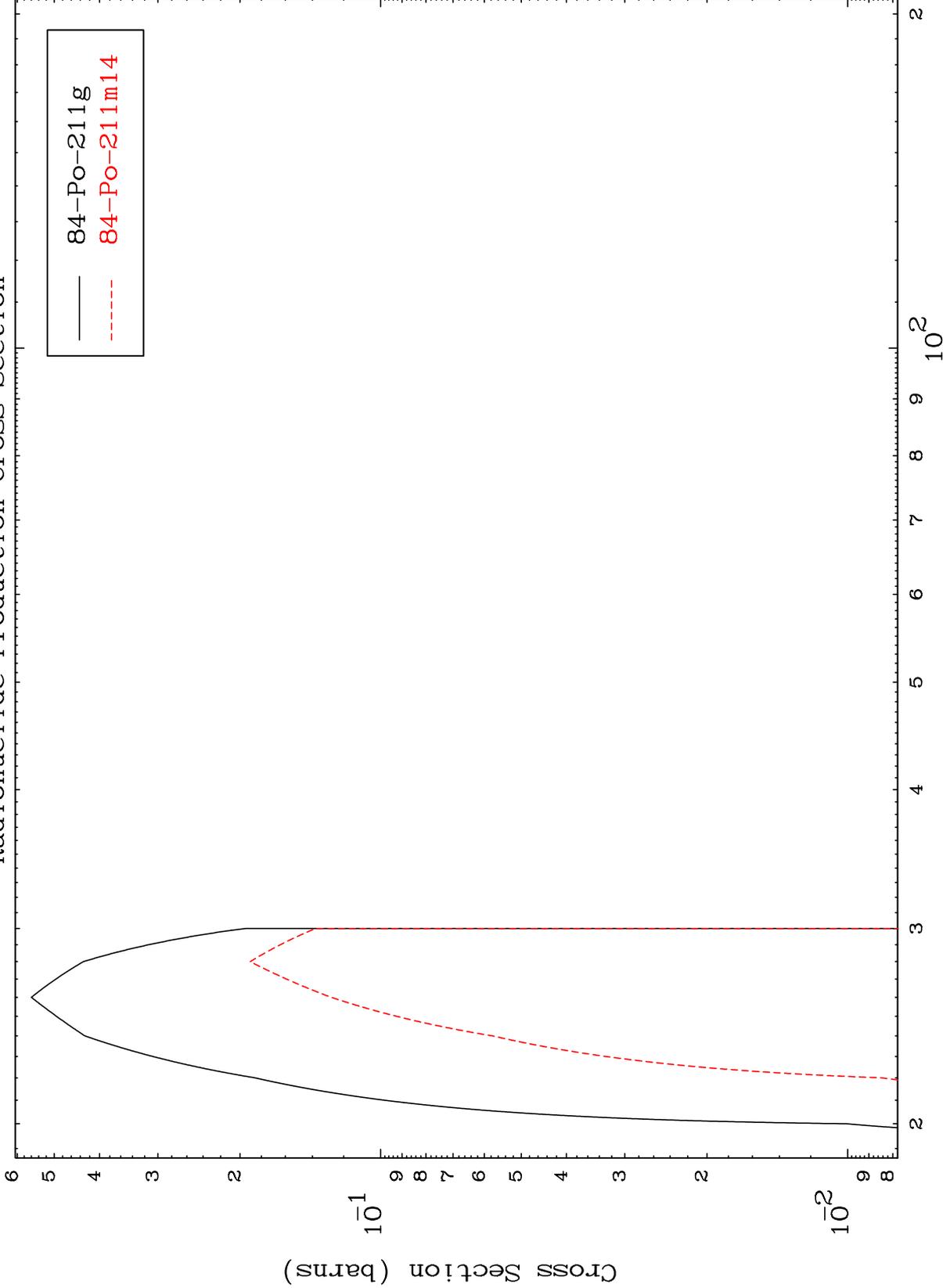
82-Pb-209

MAT 8240

(n,2n)

82-Pb-209

Radionuclide Production Cross Section



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Incident Energy (MeV)

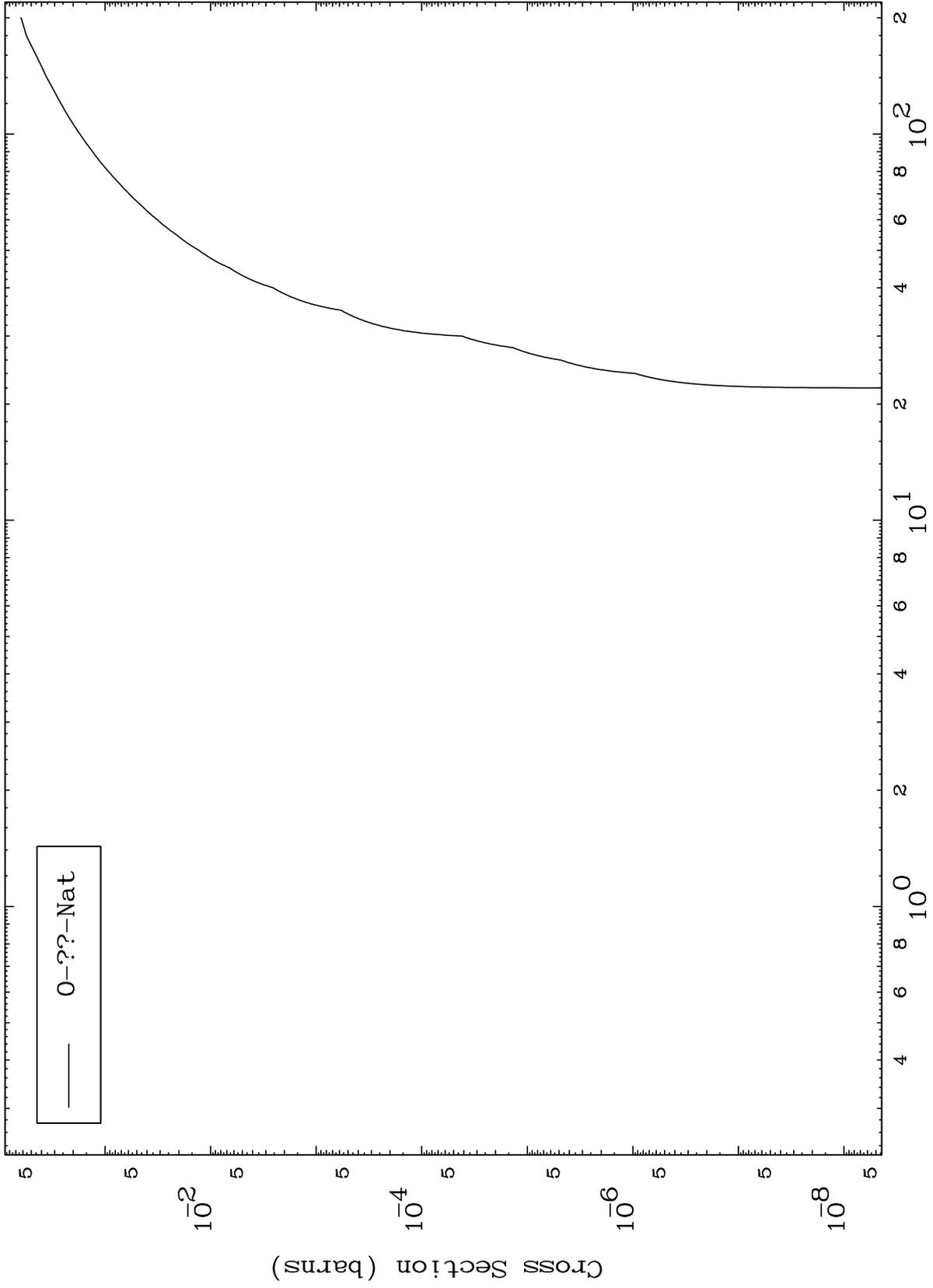
82-Pb-209

MAT 8240

Fission

82-Pb-209

Radionuclide Production Cross Section

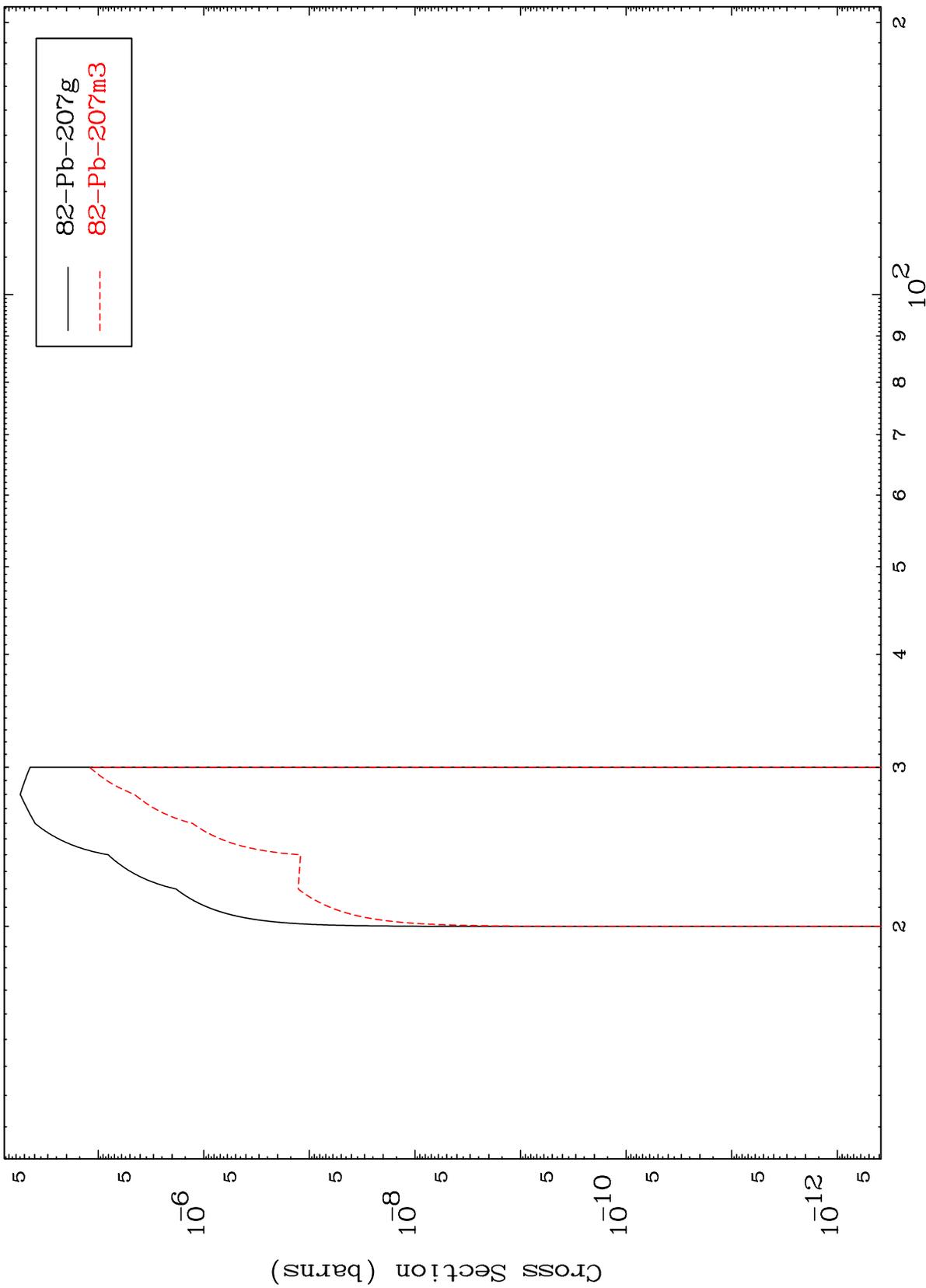


MAT 8240

$(n,2n) \alpha$

82-Pb-209

Radionuclide Production Cross Section



12

Incident Energy (MeV)

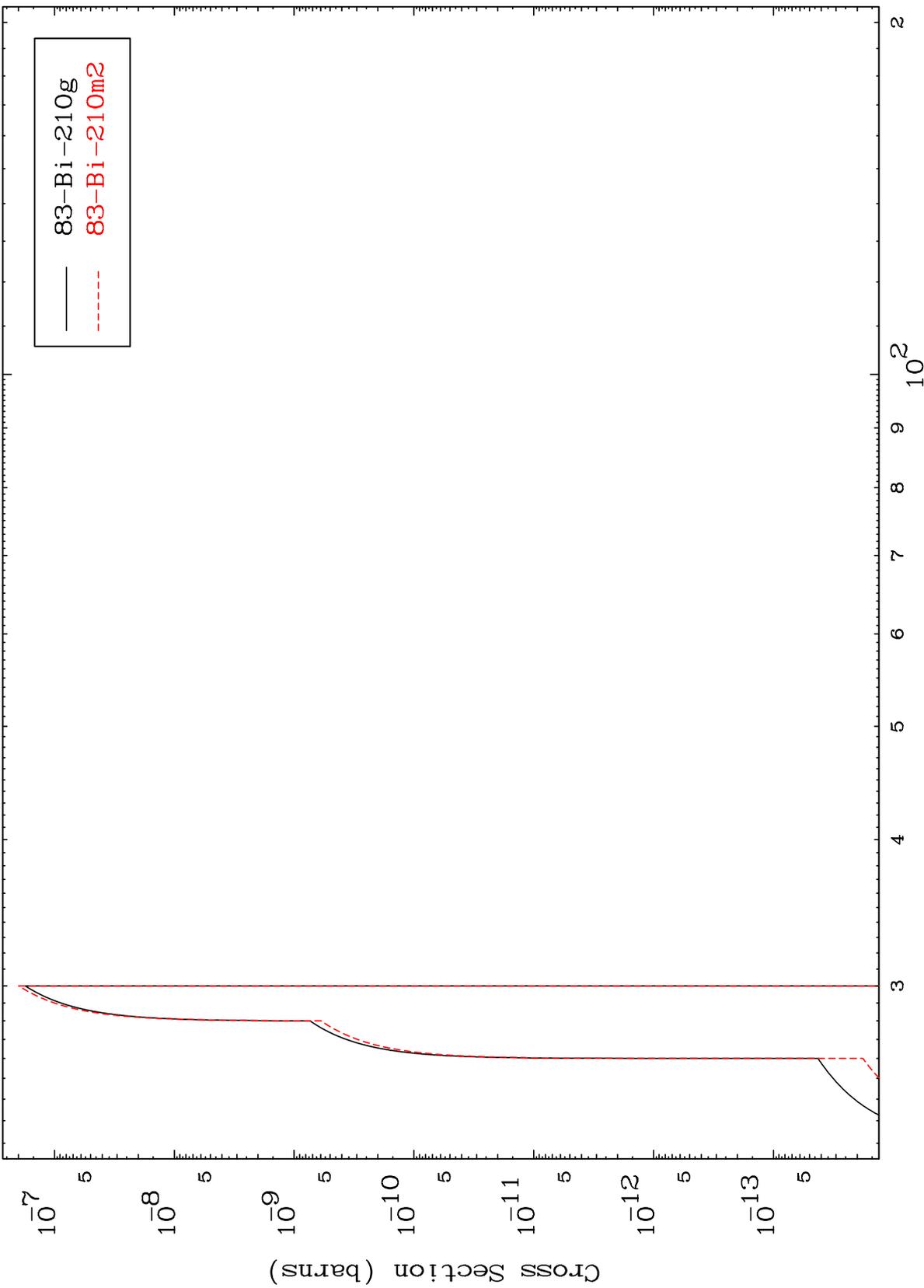
82-Pb-209

MAT 8240

(n,n') d

82-Pb-209

Radionuclide Production Cross Section



13

Incident Energy (MeV)

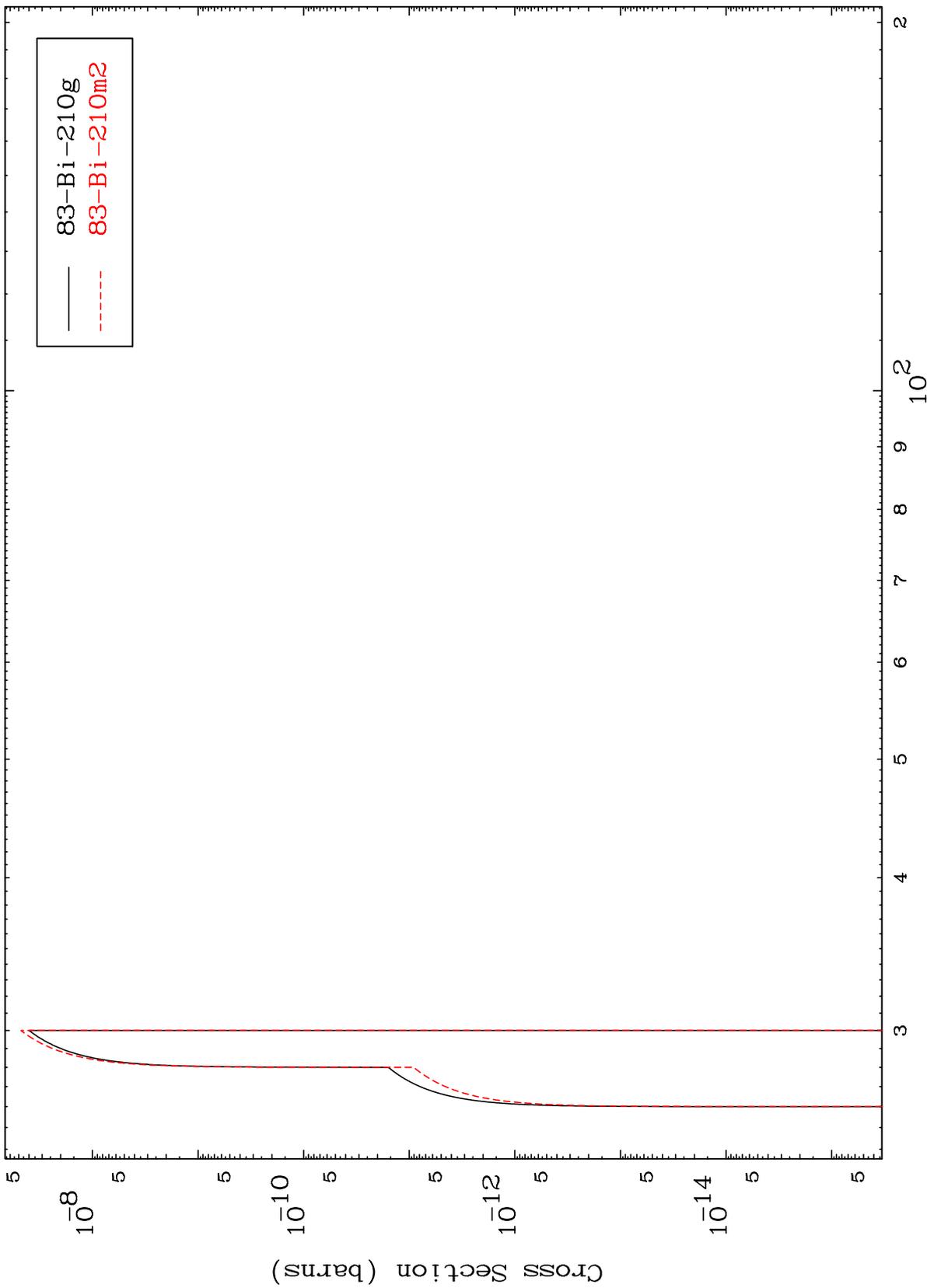
82-Pb-209

MAT 8240

(n,2n) p

82-Pb-209

Radionuclide Production Cross Section

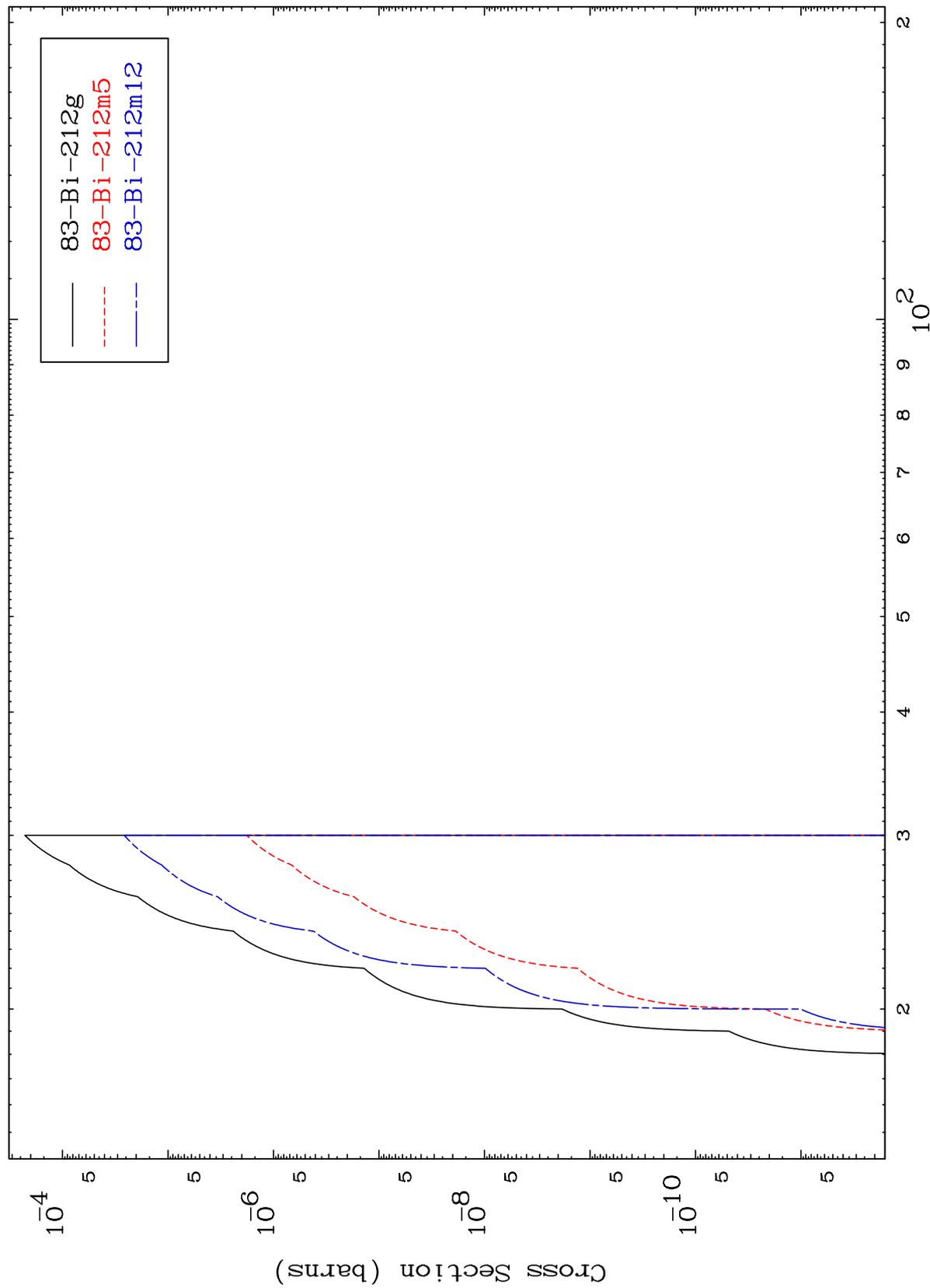


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Incident Energy (MeV)

82-Pb-209

(n,p)  
Radionuclide Production Cross Section

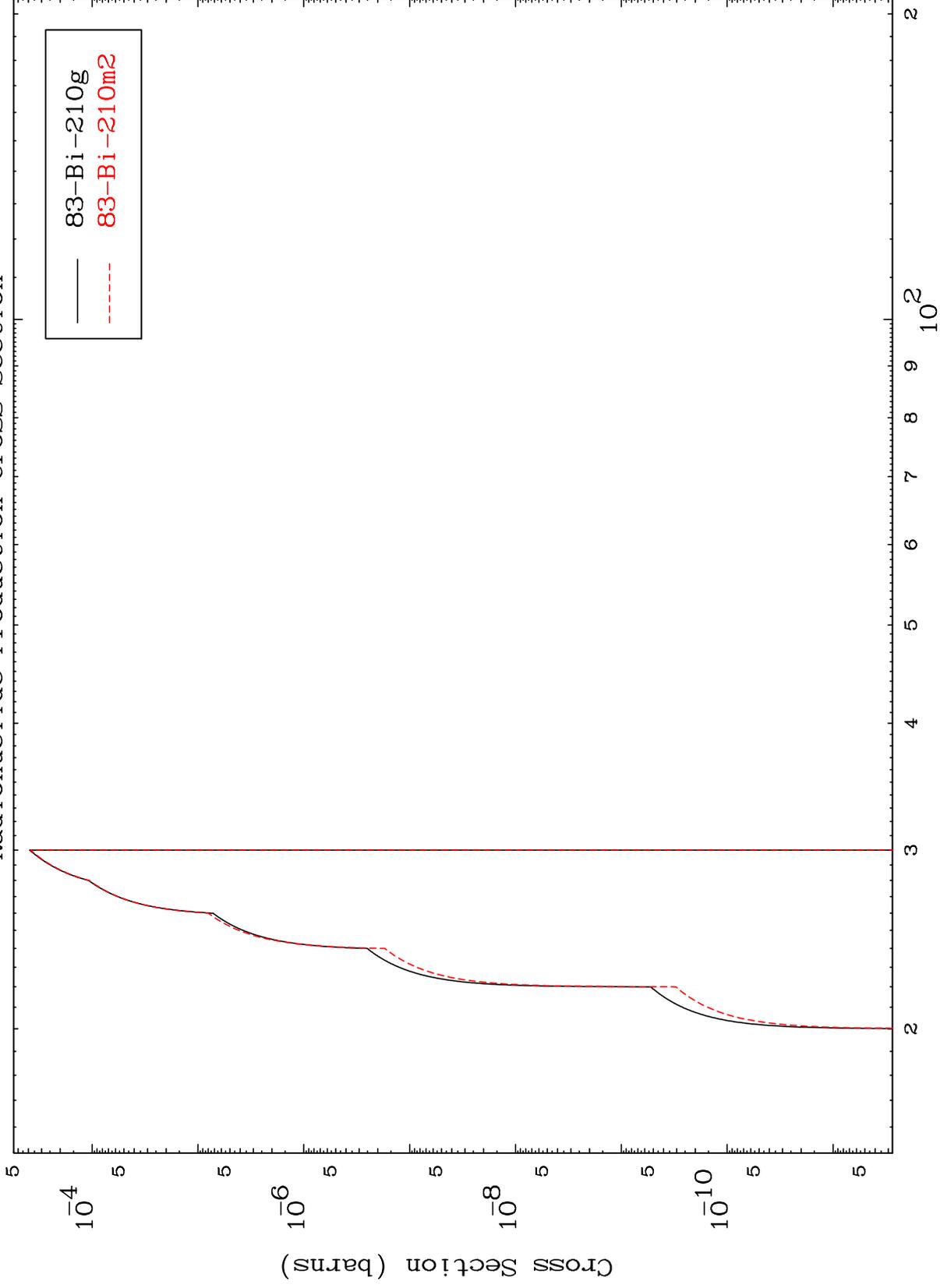


MAT 8240

(n, t)

82-Pb-209

Radionuclide Production Cross Section



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Incident Energy (MeV)

82-Pb-209