

Program EVALPLOT  
(Version 2021-1)

by

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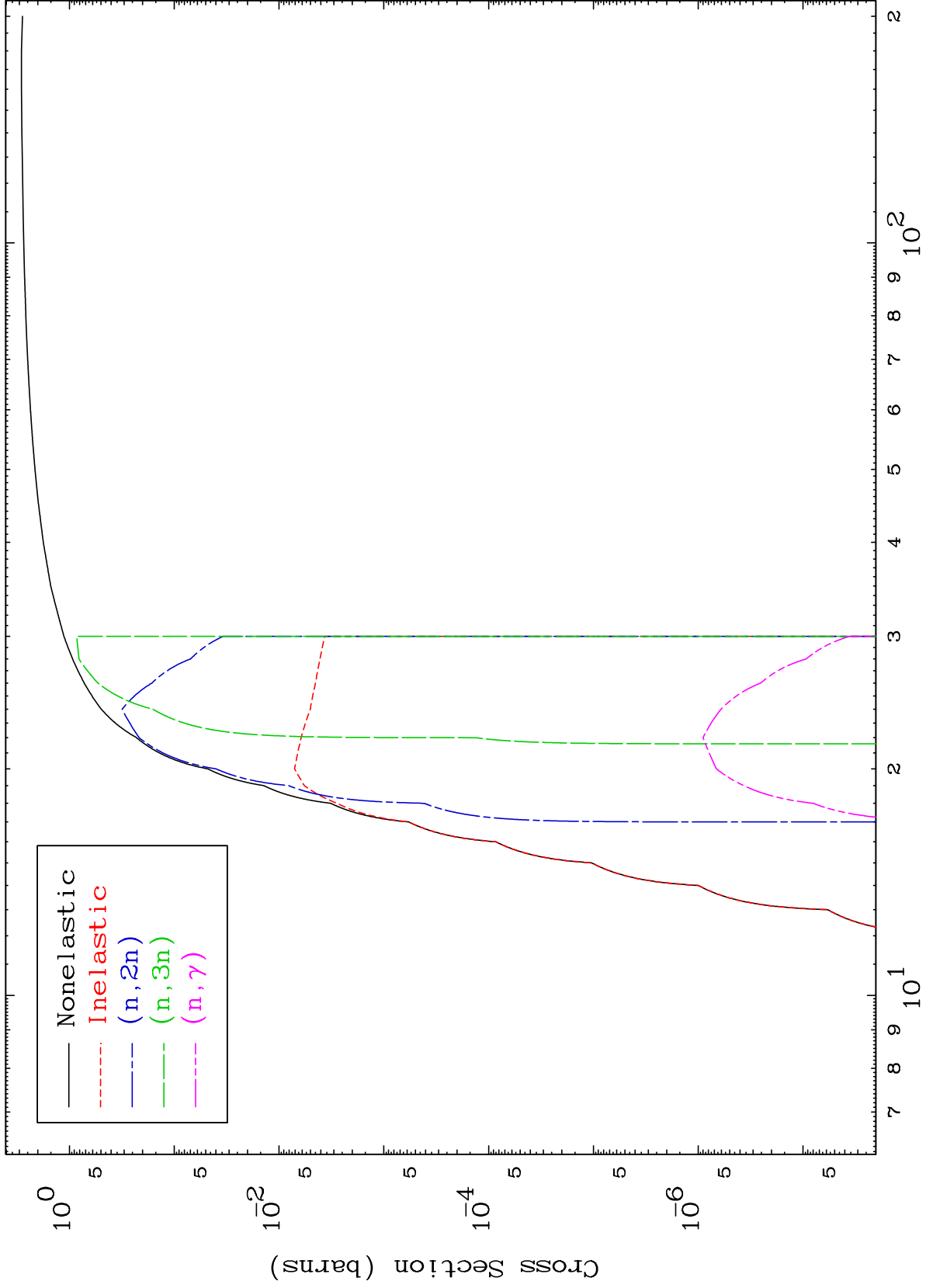
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8341

0 Kelvin  
 $\alpha$  Major Cross Sections

83-Bi-214m



1

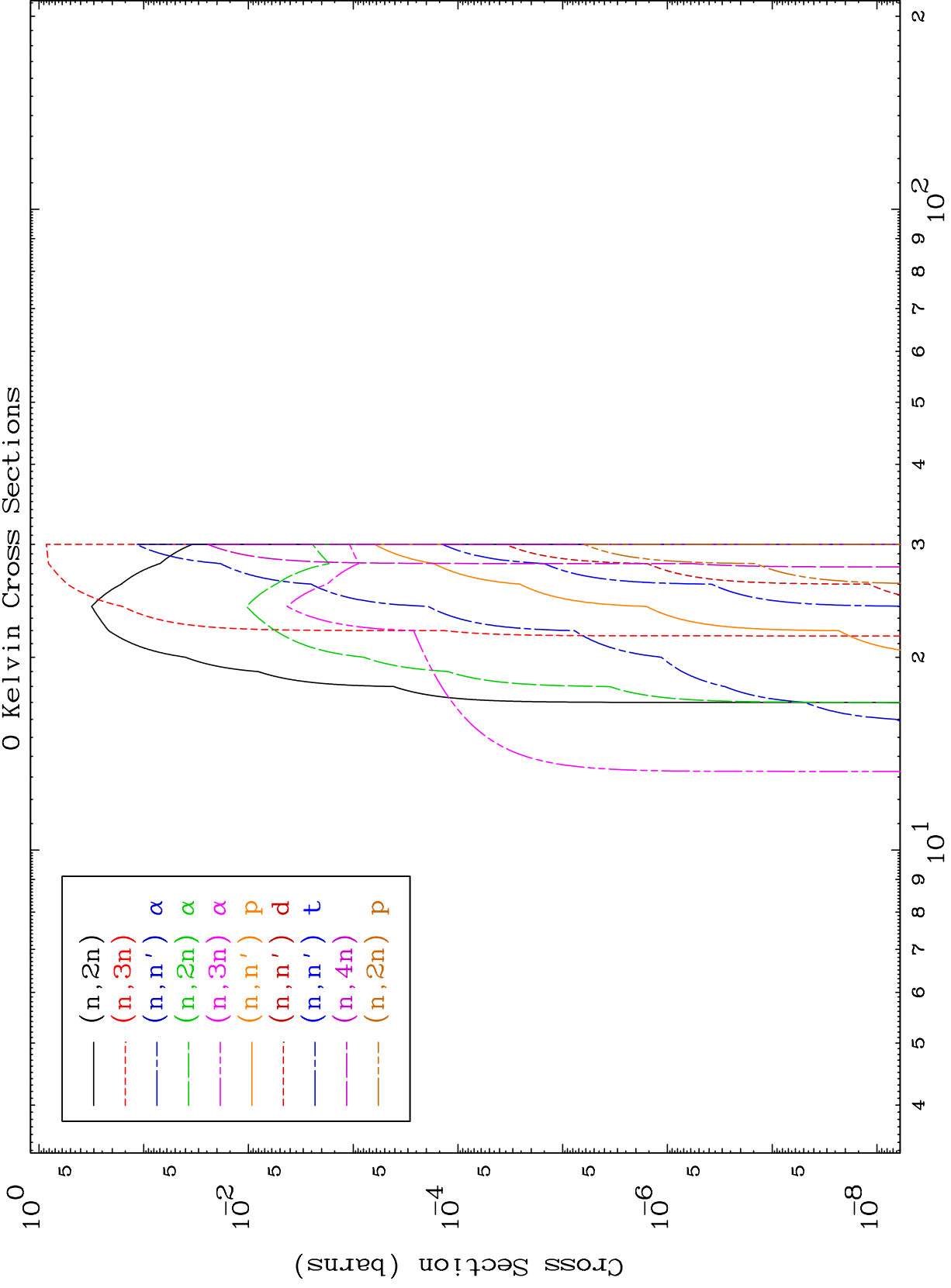
Incident Energy (MeV)

83-Bi-214m

MAT 8341

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-214m



2

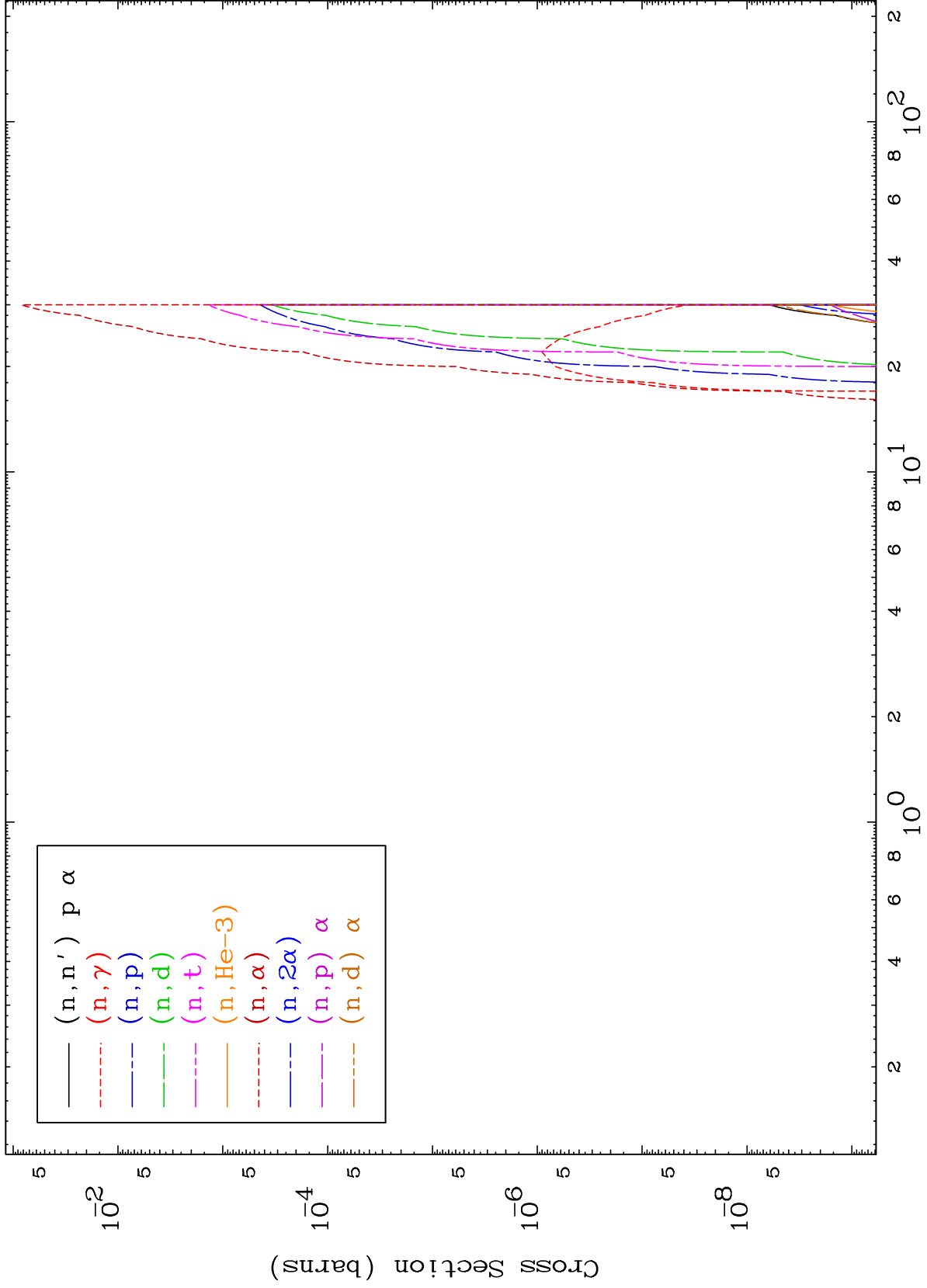
Incident Energy (MeV)

83-Bi-214m

MAT 8341

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

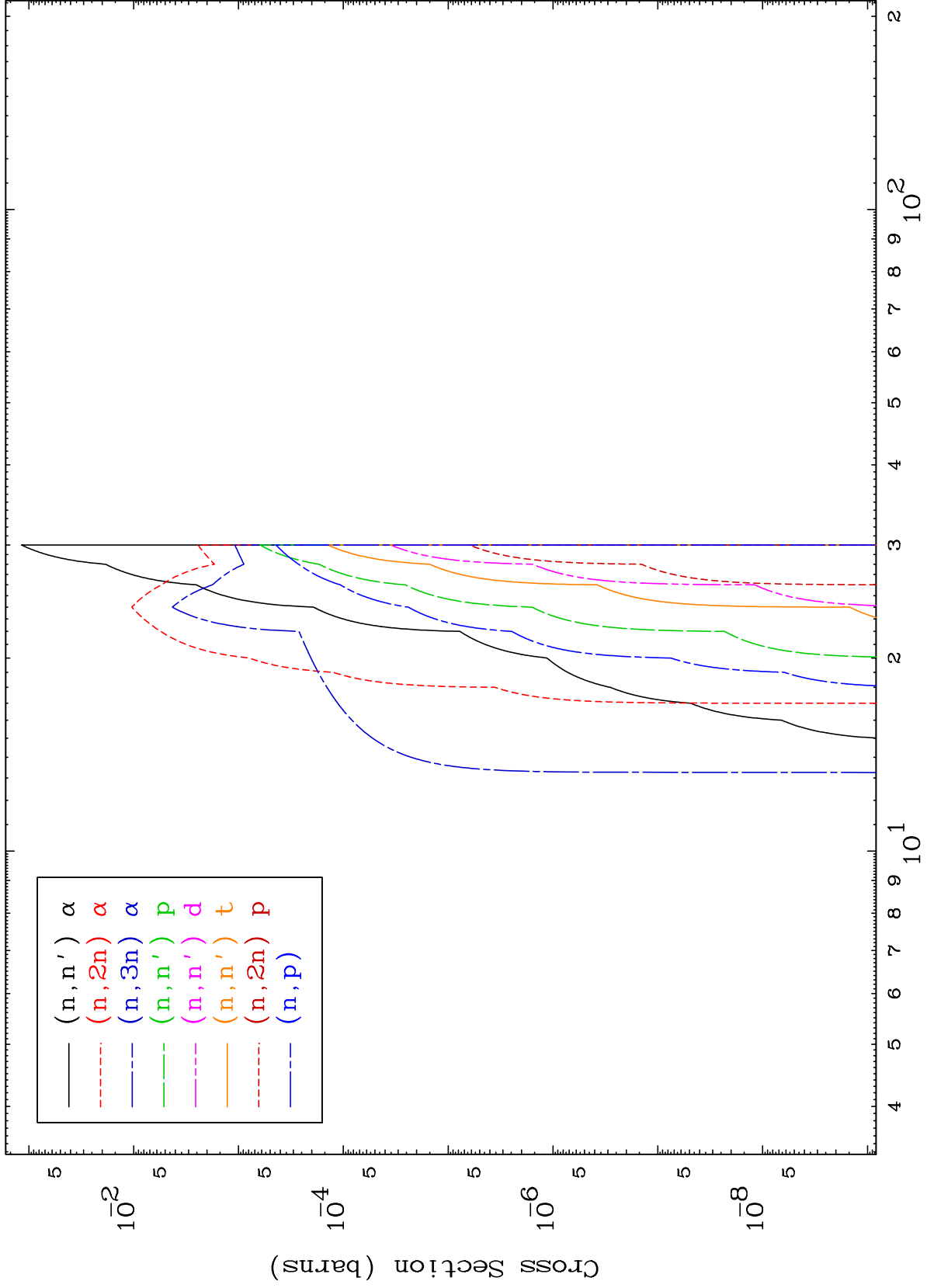
83-Bi-214m



MAT 8341

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

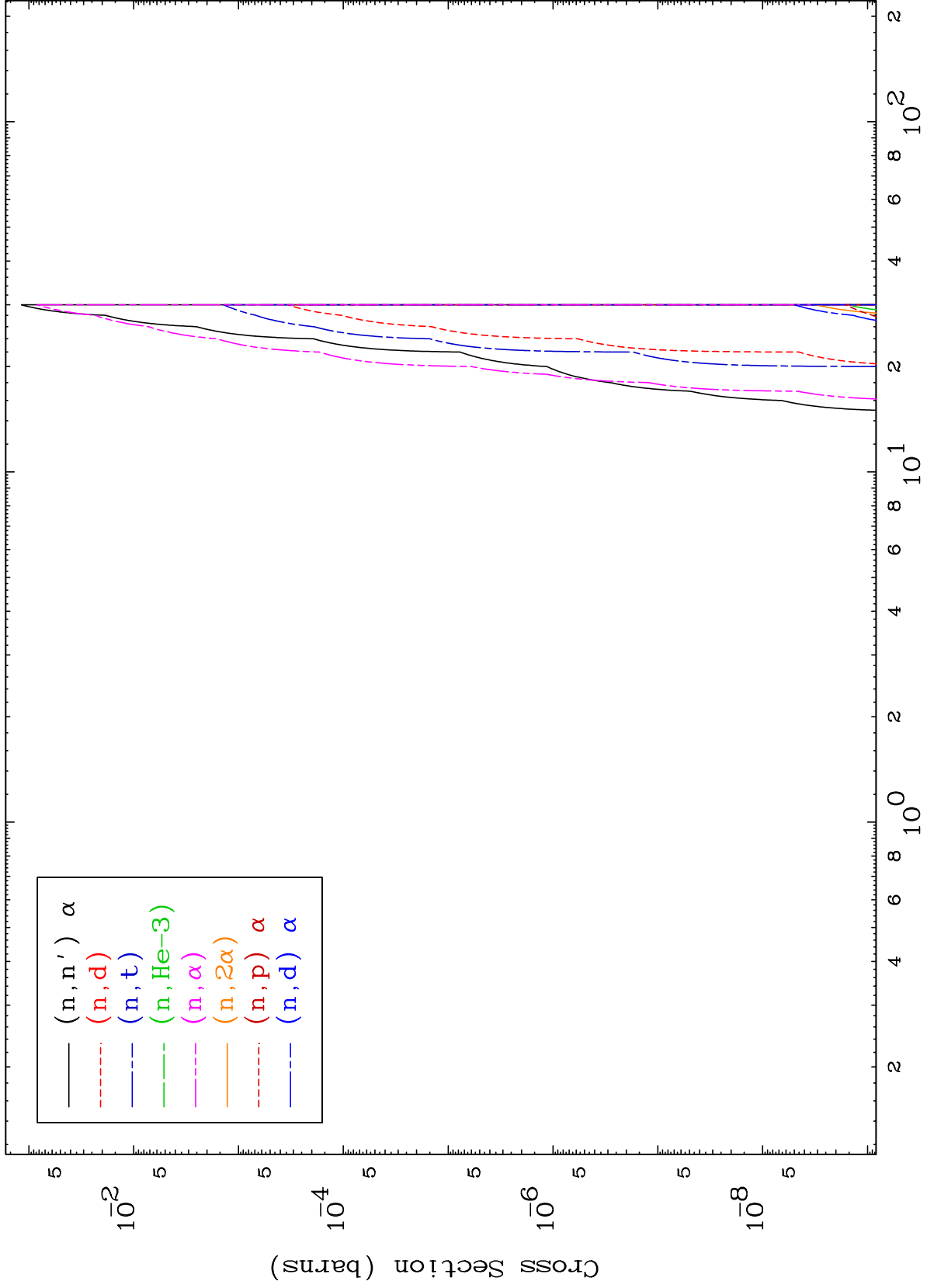
83-Bi-214m



MAT 8341

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

83-Bi-214m



5

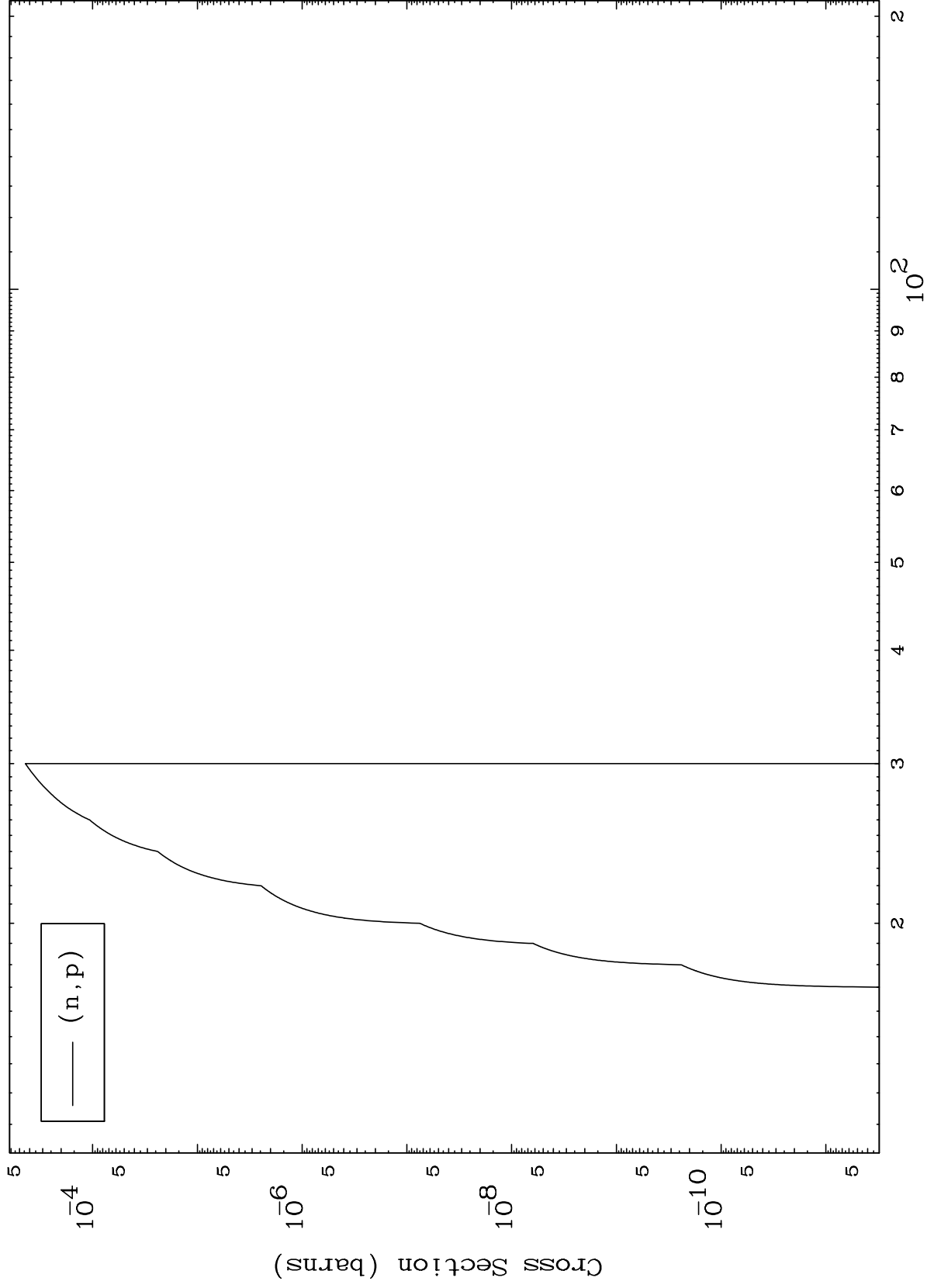
Incident Energy (MeV)

83-Bi-214m

MAT 8341

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

$^{83}\text{Bi}-214\text{m}$



6

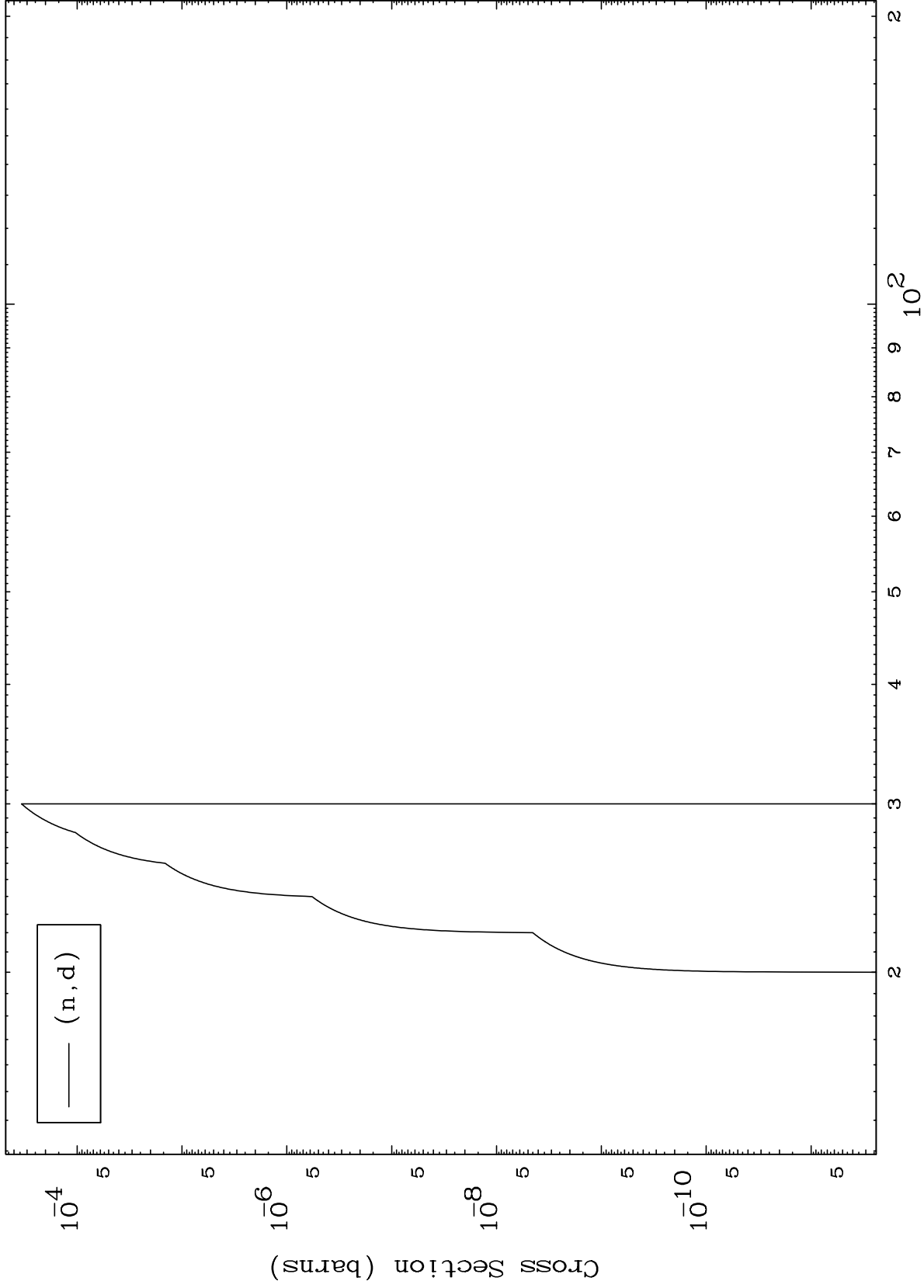
Incident Energy (MeV)

$^{83}\text{Bi}-214\text{m}$

MAT 8341

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

$^{83}\text{Bi}-214\text{m}$



7

Incident Energy (MeV)

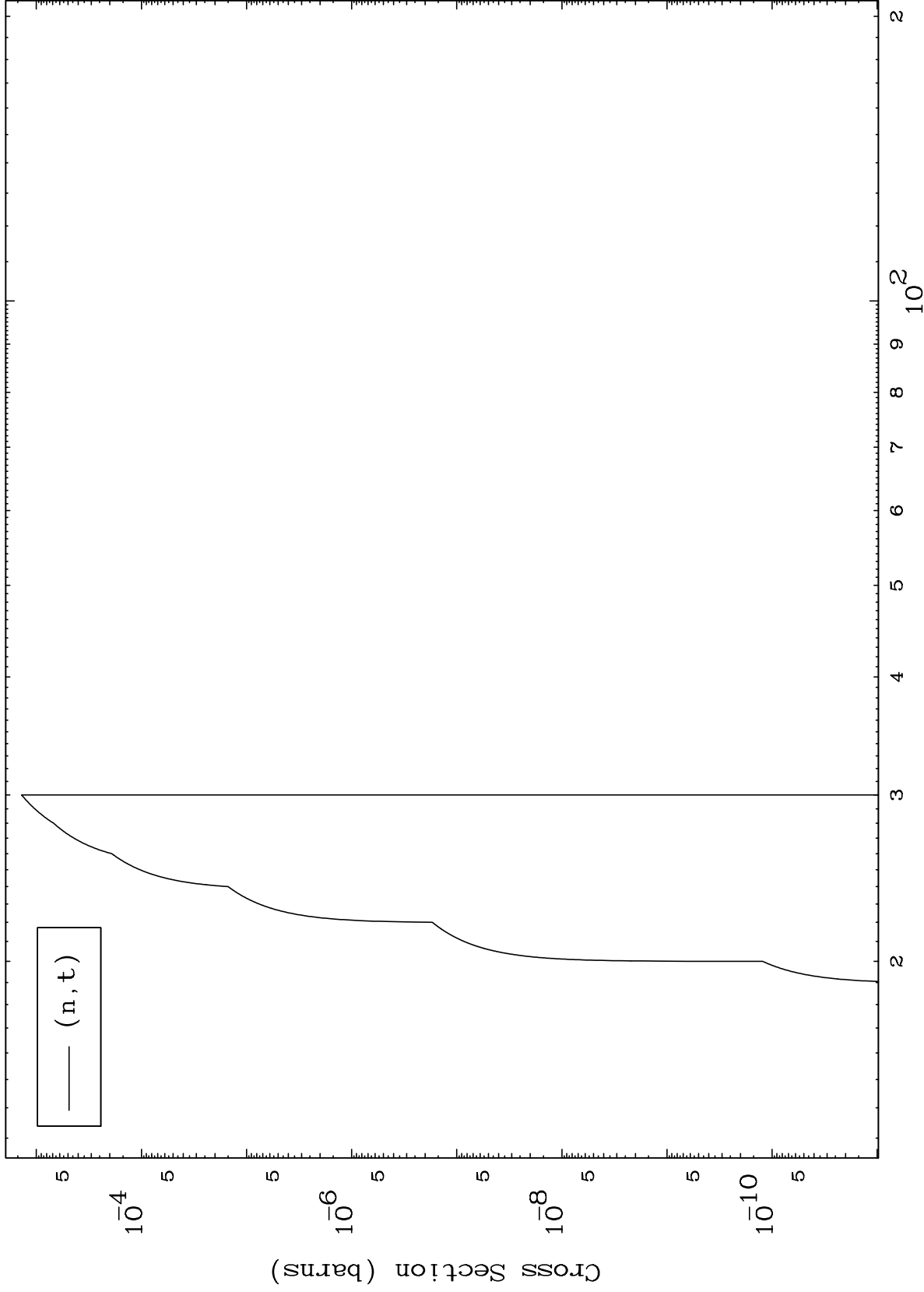
$^{83}\text{Bi}-214\text{m}$



MAT 8341

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

$^{83}\text{Bi}-214\text{m}$



8

Incident Energy (MeV)

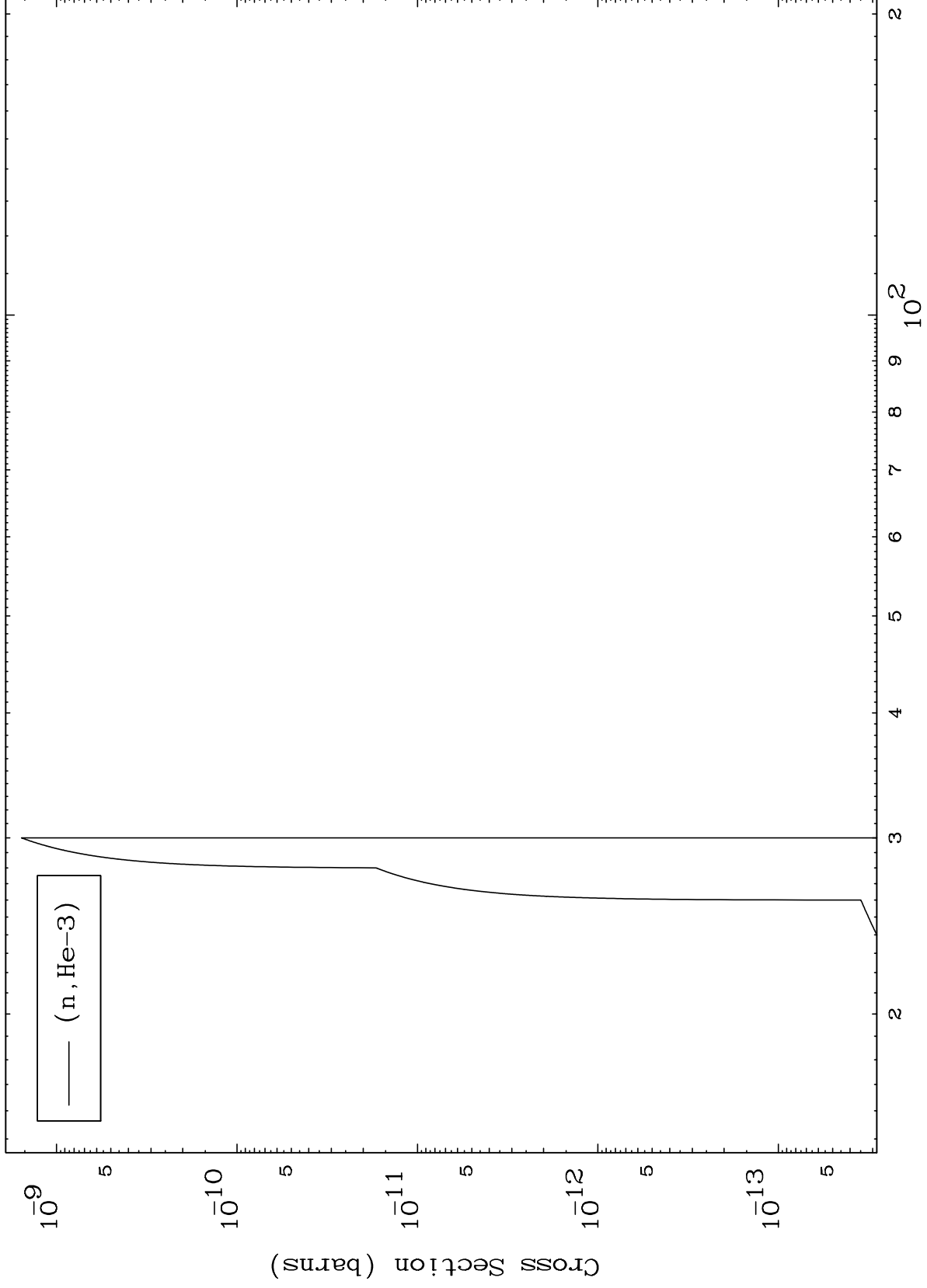
$^{83}\text{Bi}-214\text{m}$

MAT 8341

( $\alpha, \text{He}3$ ) Levels

$^{83}\text{Bi}-214\text{m}$

0 Kelvin Cross Sections



9

Incident Energy (MeV)

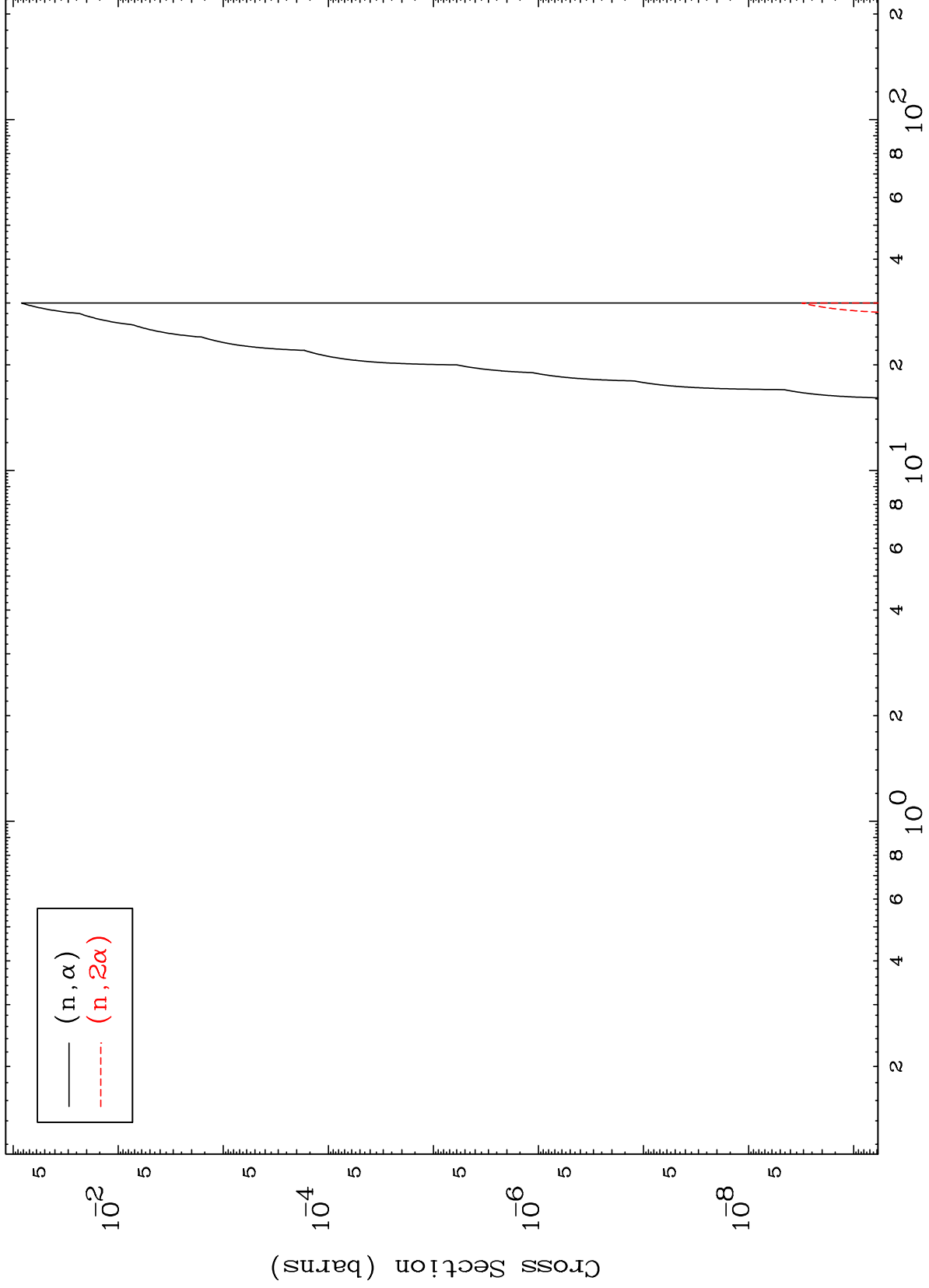
$^{83}\text{Bi}-214\text{m}$

MAT 8341

( $\alpha, \alpha$ ) Levels

$^{83}\text{Bi}-214\text{m}$

0 Kelvin Cross Sections



10

Incident Energy (MeV)

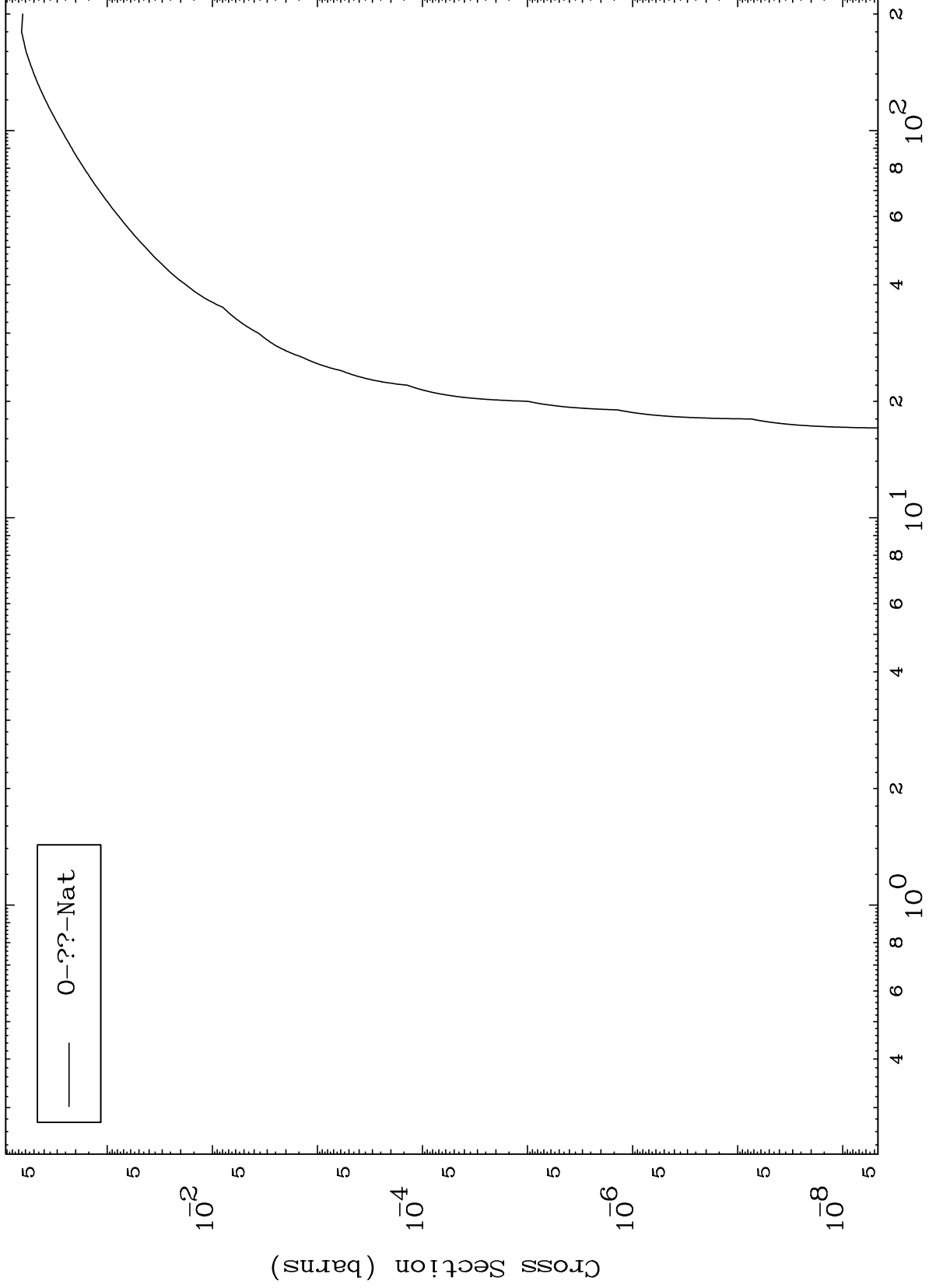
$^{83}\text{Bi}-214\text{m}$

MAT 8341

Fission

<sup>83</sup>Bi-214m

Radionuclide Production Cross Section

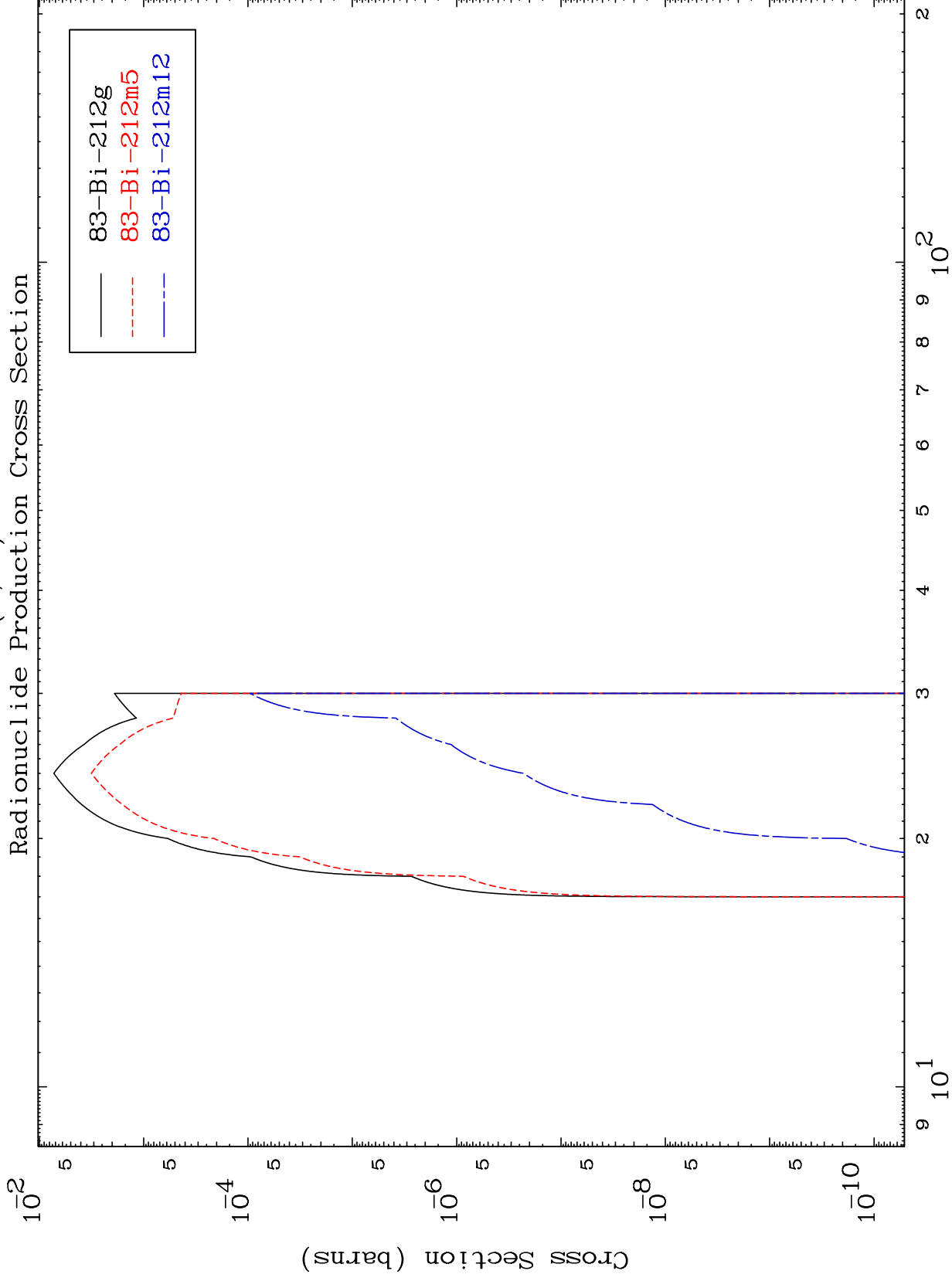


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$(n,2n) \alpha$

83-Bi-214m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

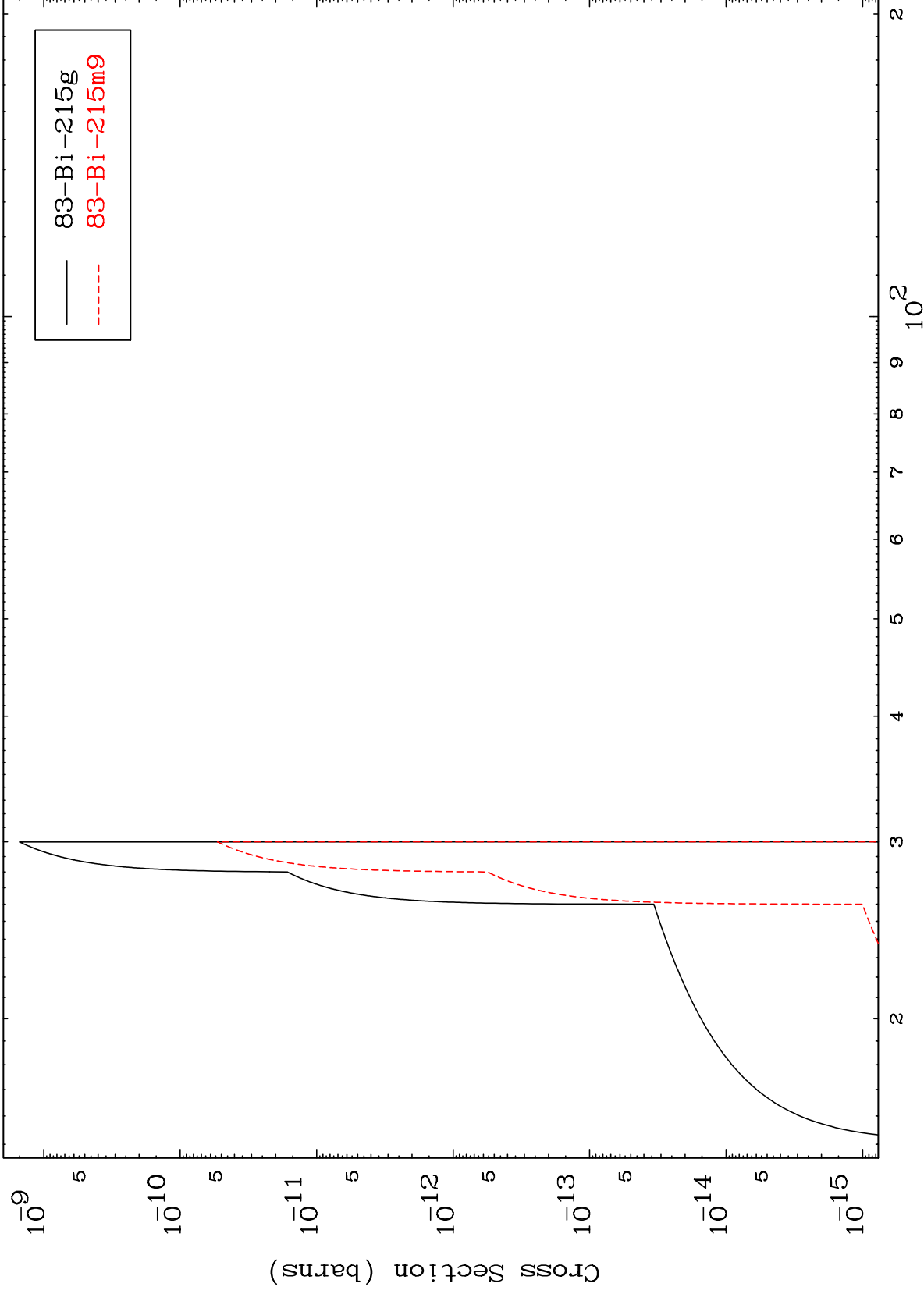
83-Bi-214m

MAT 8341

(n,He-3)

83-Bi-214m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

83-Bi-214m

MAT 8341

<sup>83</sup>Bi-214m

Radionuclide Production Cross Section

