

Program EVALPLOT  
(Version 2021-1)

by

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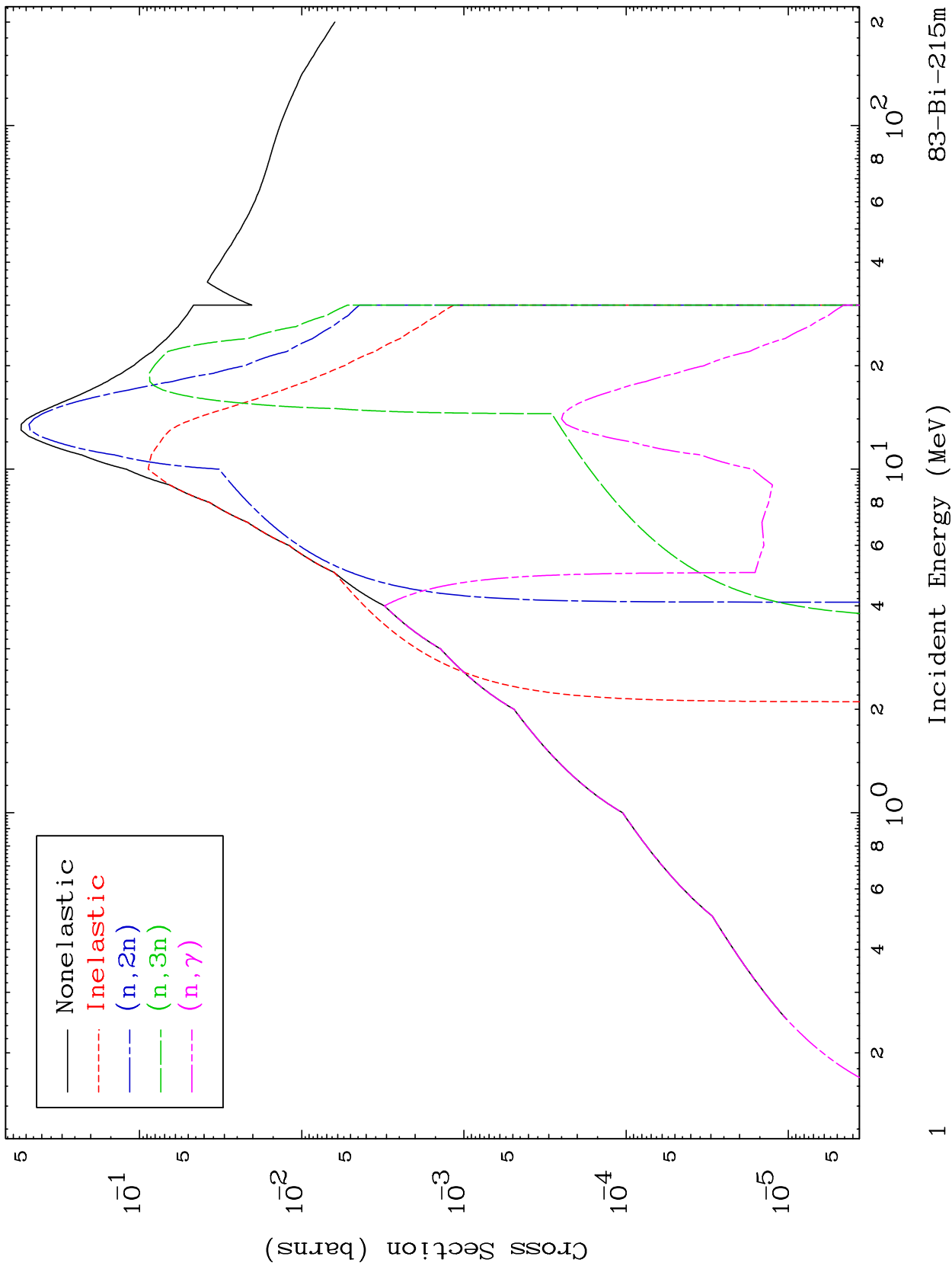
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8344

Photon Major  
0 Kelvin Cross Sections

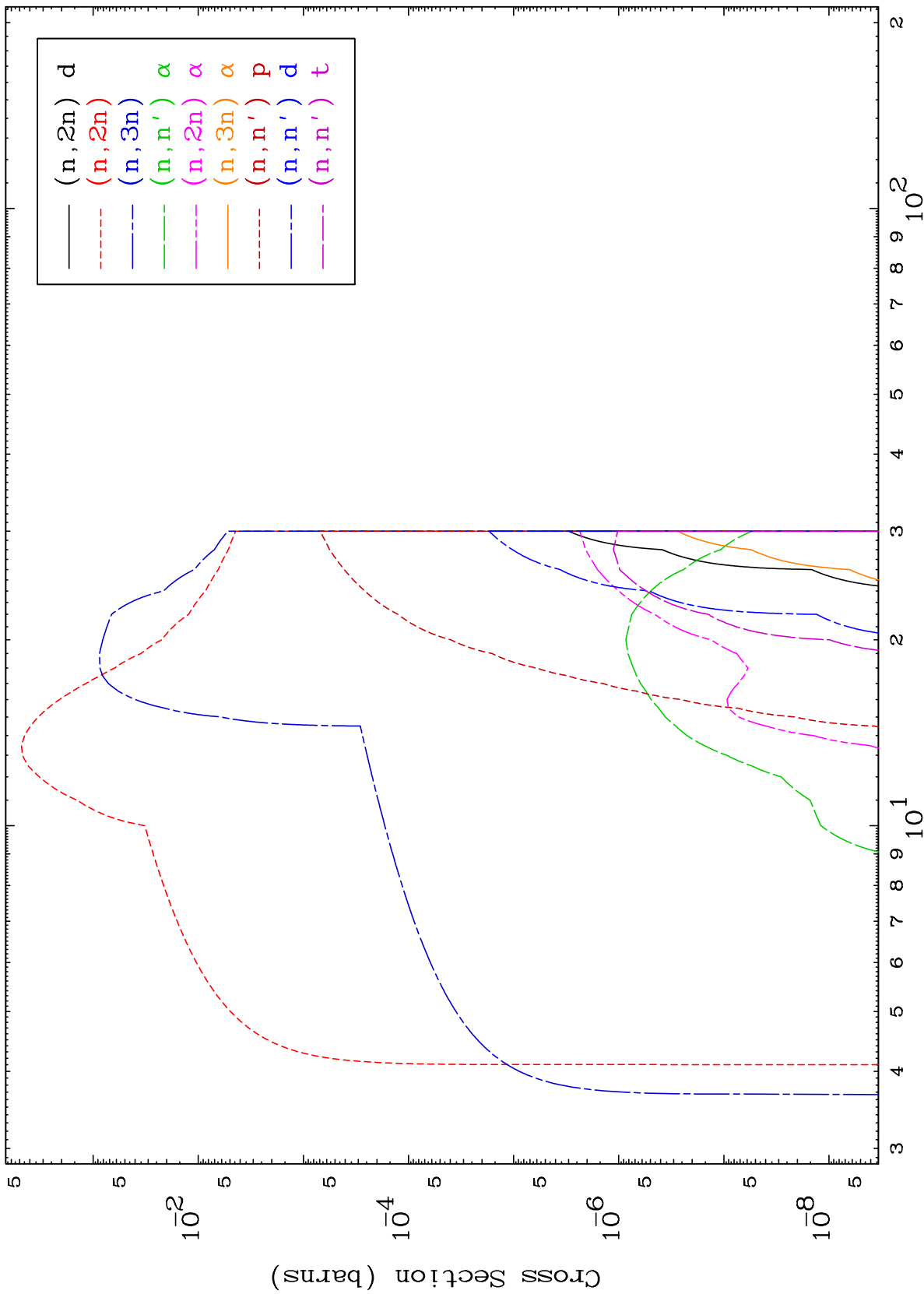
83-Bi-215m



MAT 8344

Photon Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-215m



2

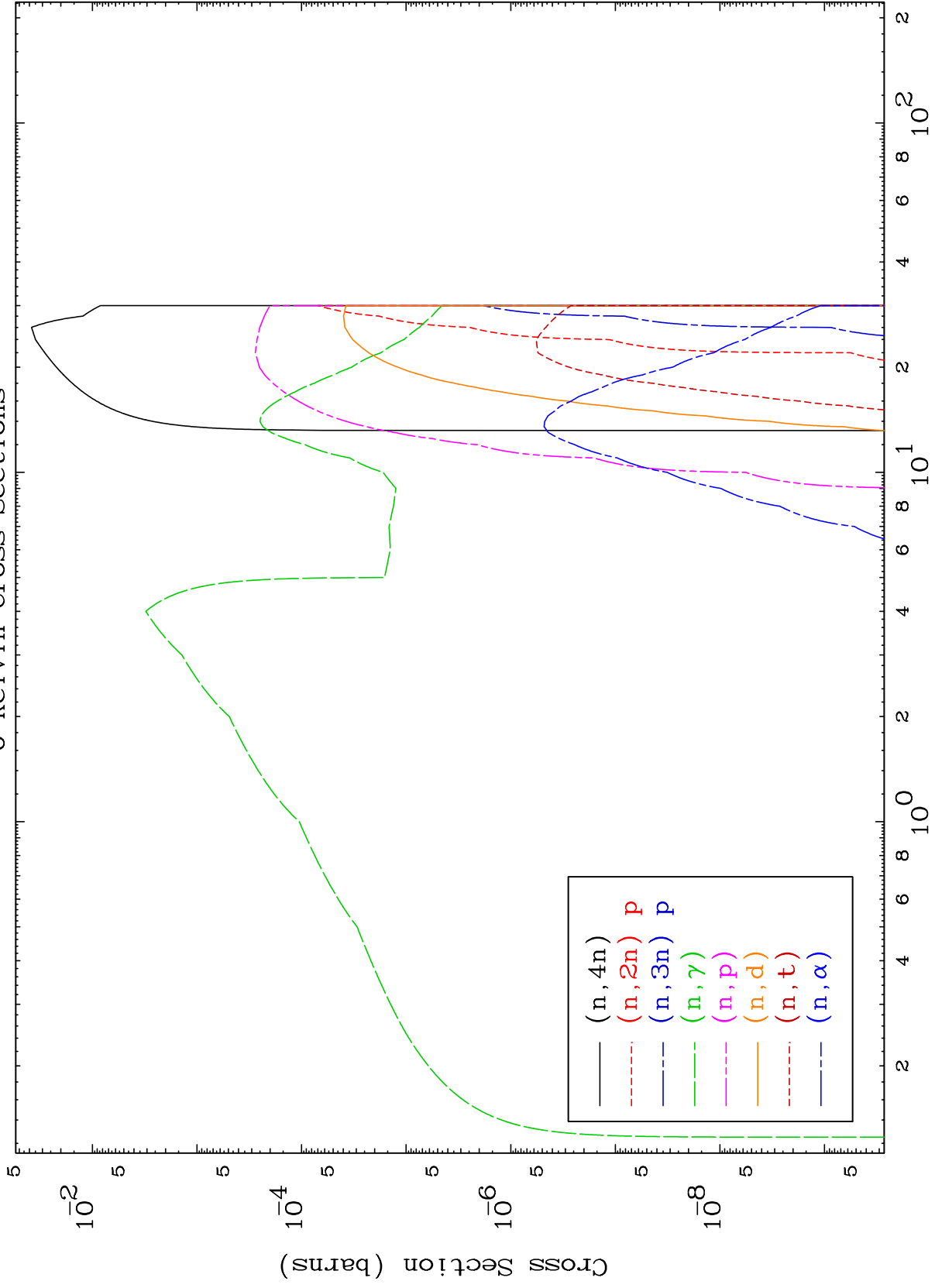
Incident Energy (MeV)

83-Bi-215m

MAT 8344

Photon Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-215m



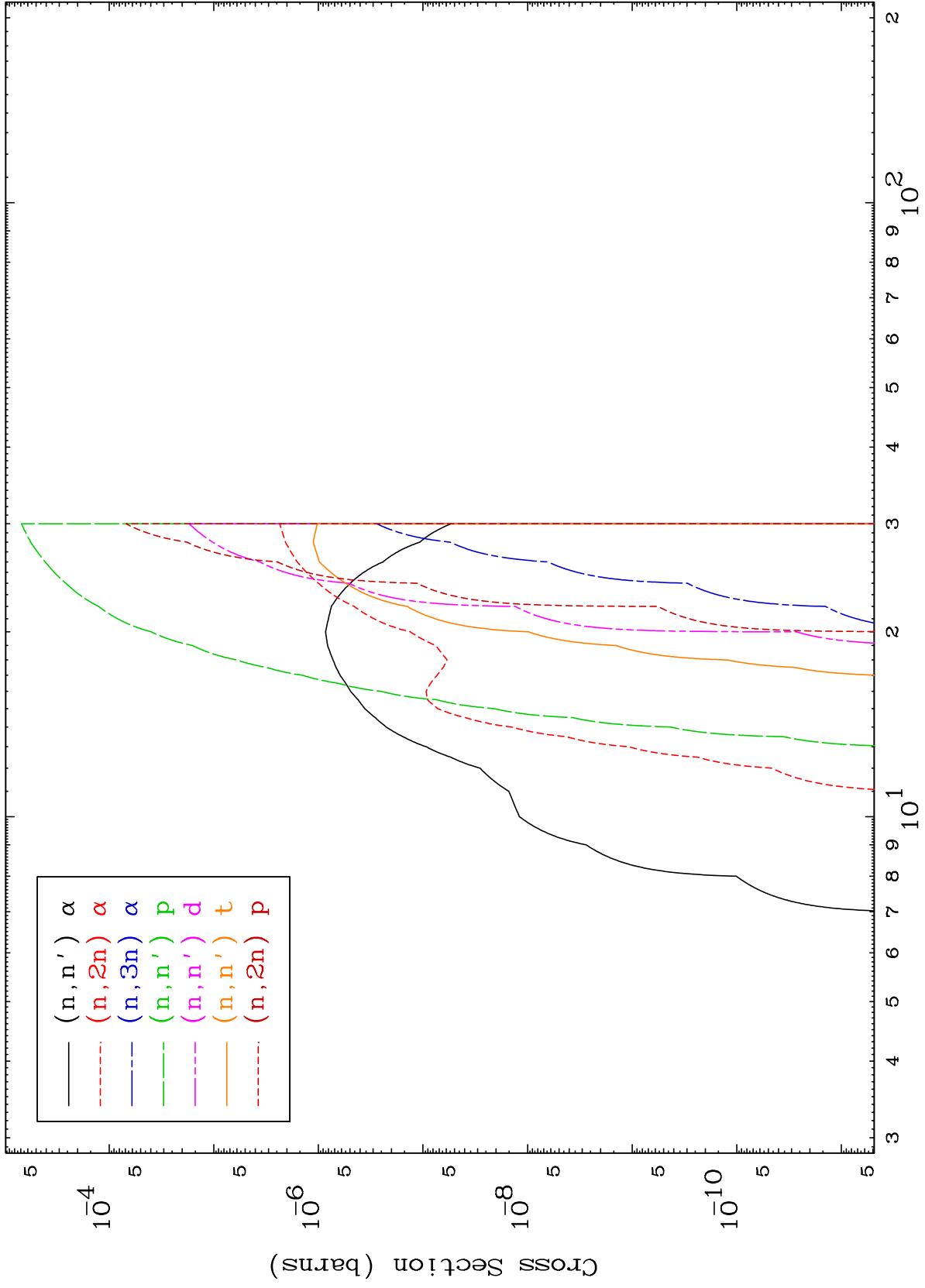
Incident Energy (MeV)

83-Bi-215m

MAT 8344

Photon Charged Particle  
0 Kelvin Cross Sections

83-Bi-215m



4

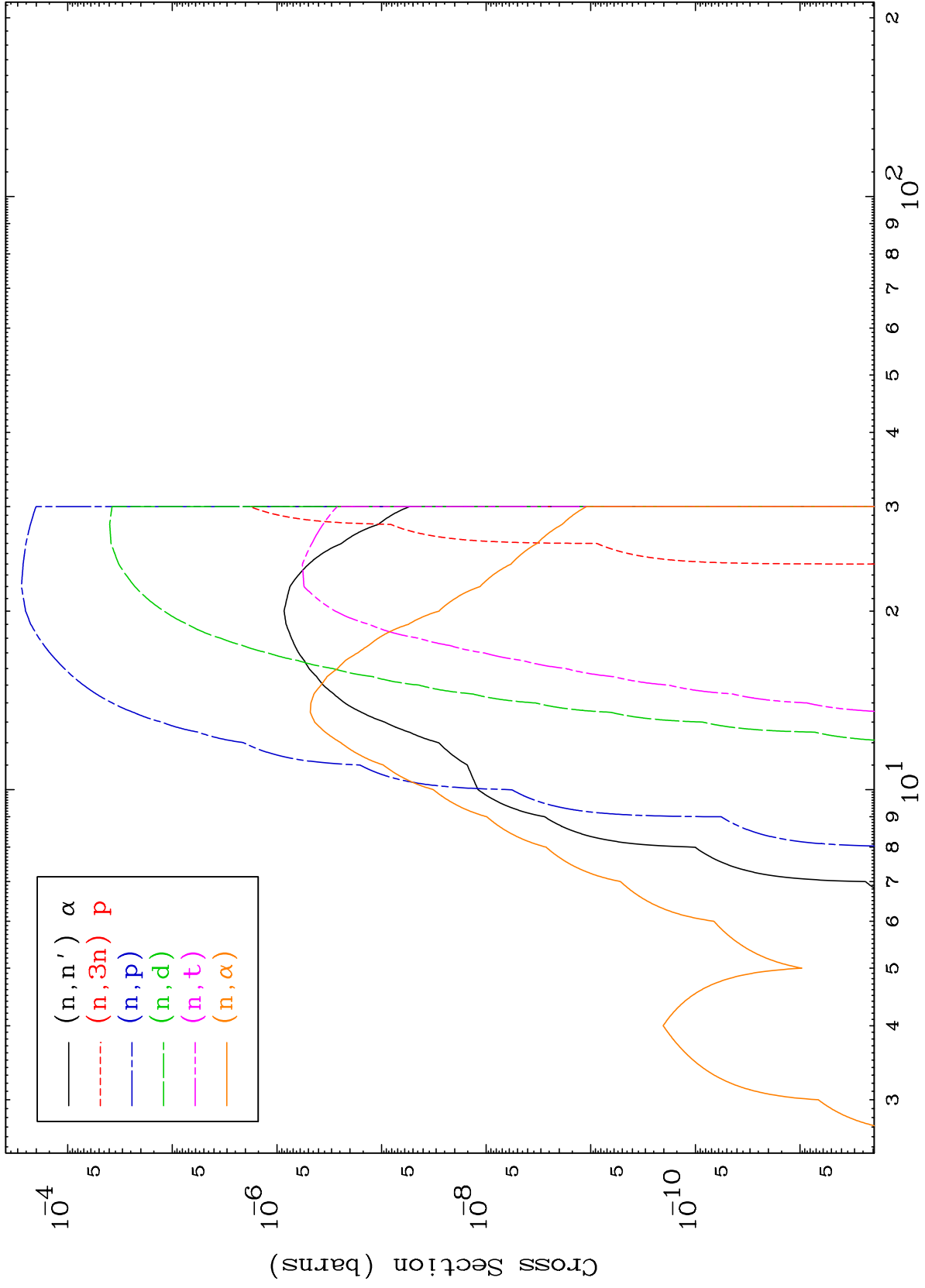
Incident Energy (MeV)

83-Bi-215m

MAT 8344

Photon Charged Particle  
0 Kelvin Cross Sections

83-Bi-215m



5

Incident Energy (MeV)

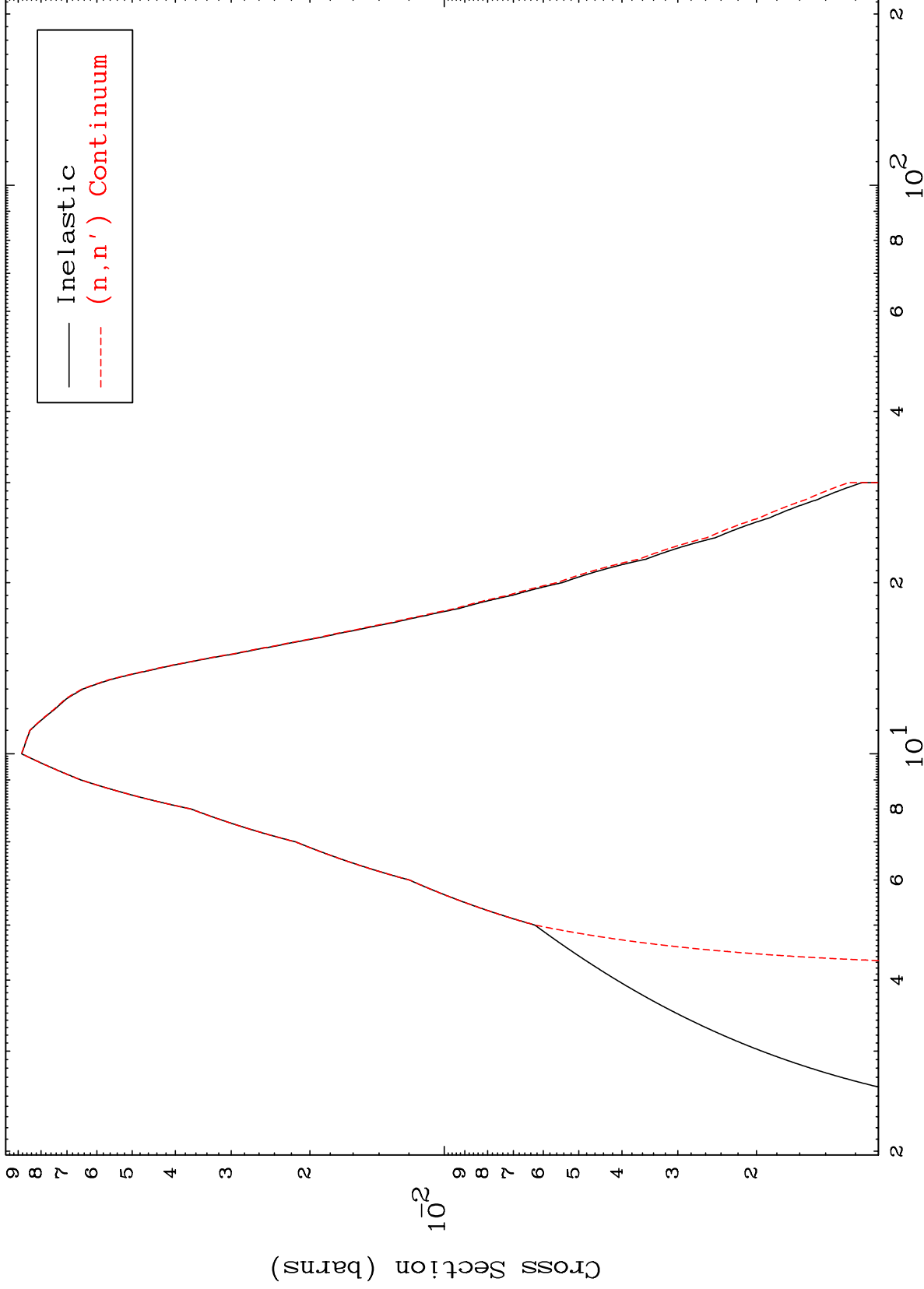
83-Bi-215m

MAT 8344

( $\gamma, n'$ ) Levels

83-Bi-215m

0 Kelvin Cross Sections



6

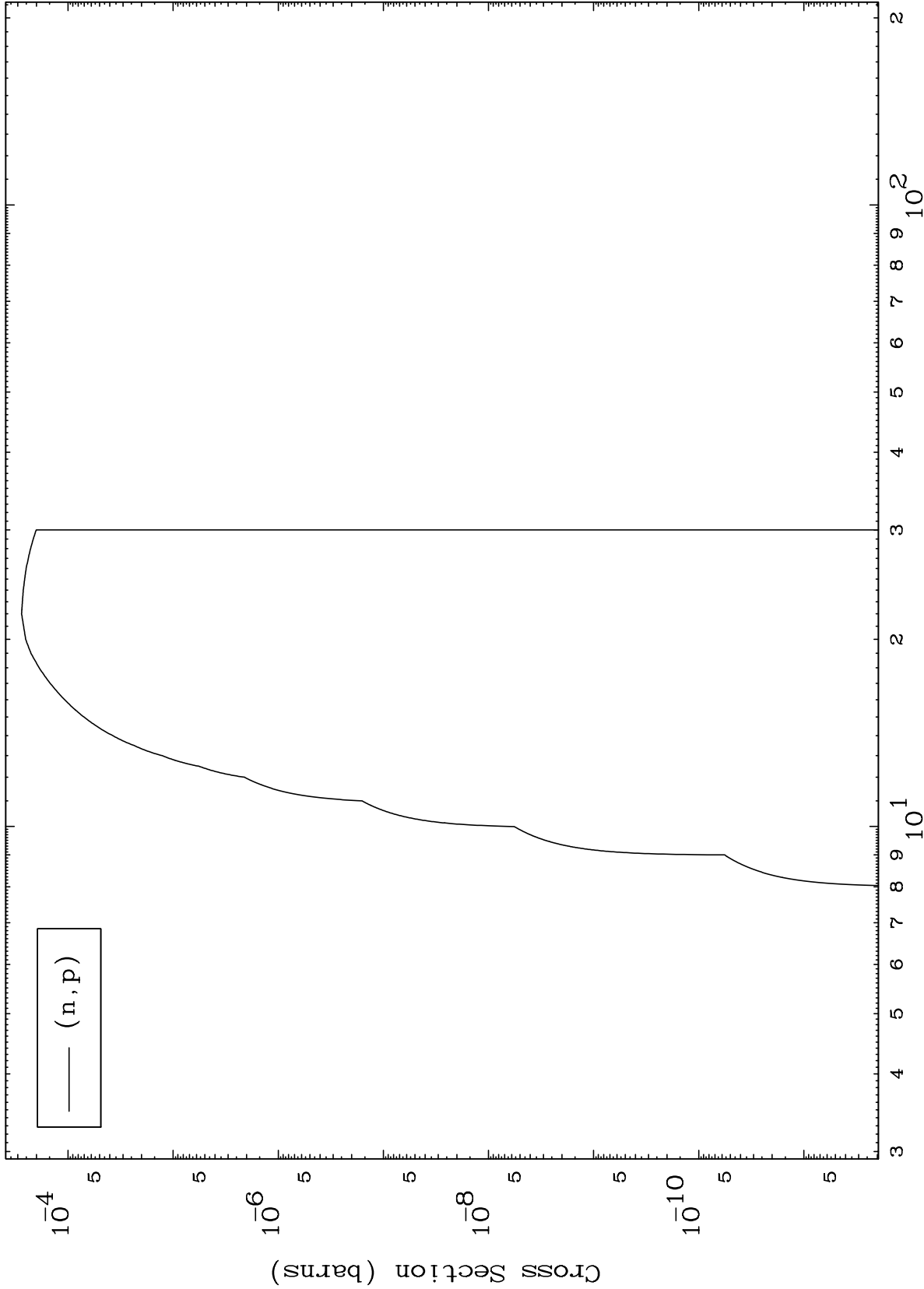
Incident Energy (MeV)

83-Bi-215m

MAT 8344

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

83-Bi-215m



7

Incident Energy (MeV)

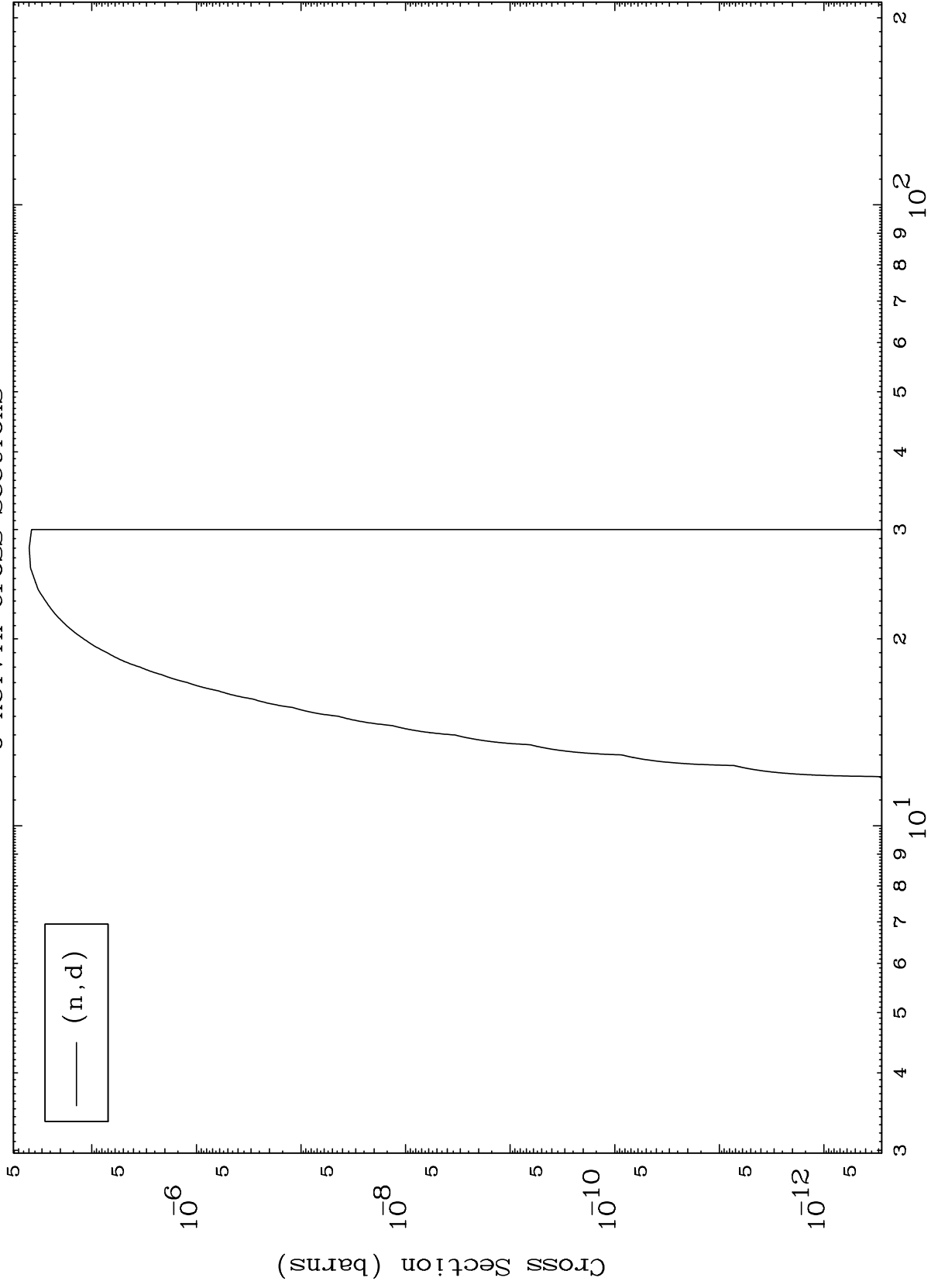
83-Bi-215m



MAT 8344

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

$^{83}\text{Bi}-215\text{m}$



8

Incident Energy (MeV)

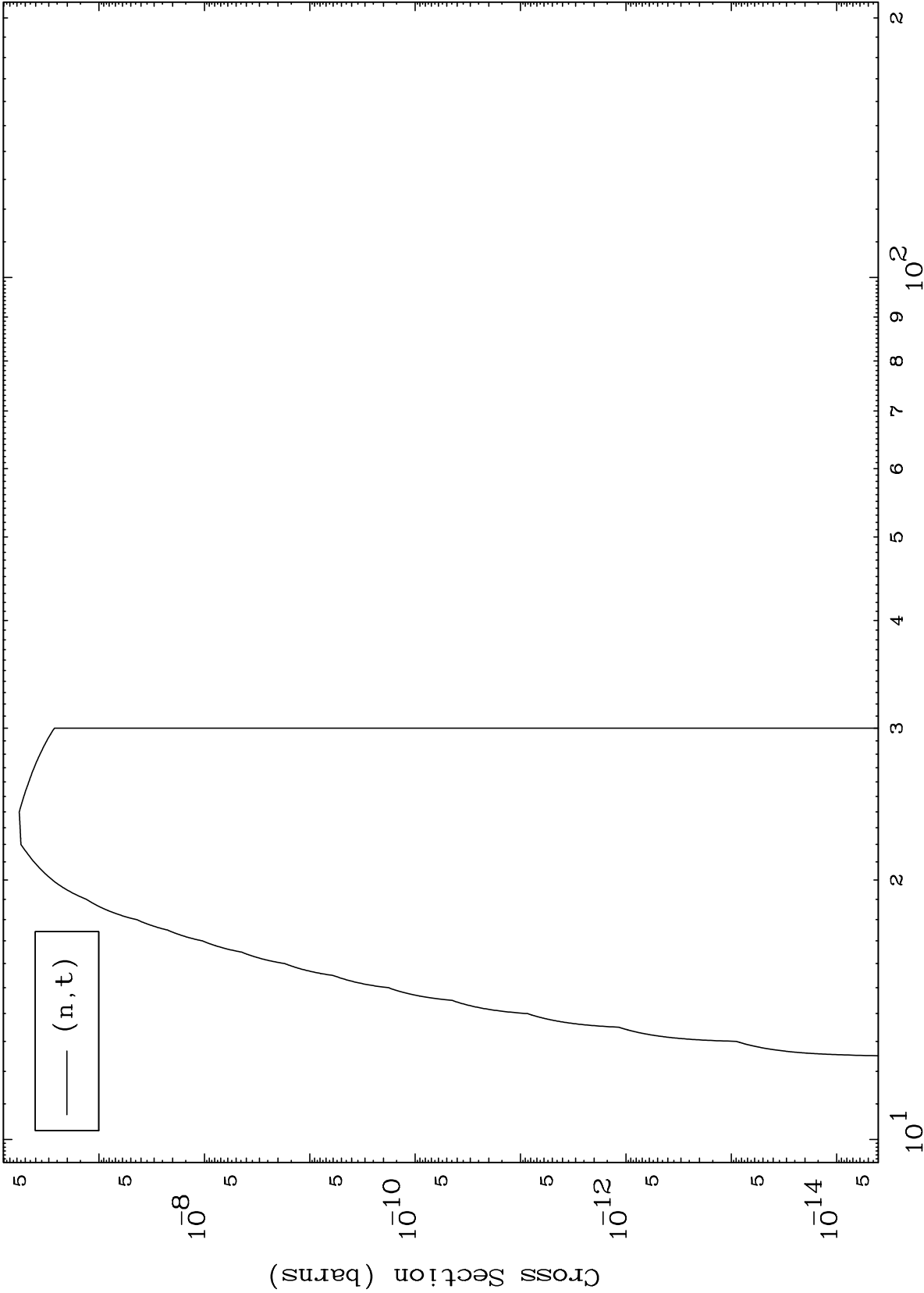
$^{83}\text{Bi}-215\text{m}$

MAT 8344

( $\gamma, t$ ) Levels

$^{83}\text{Bi}-215\text{m}$

0 Kelvin Cross Sections



Incident Energy (MeV)

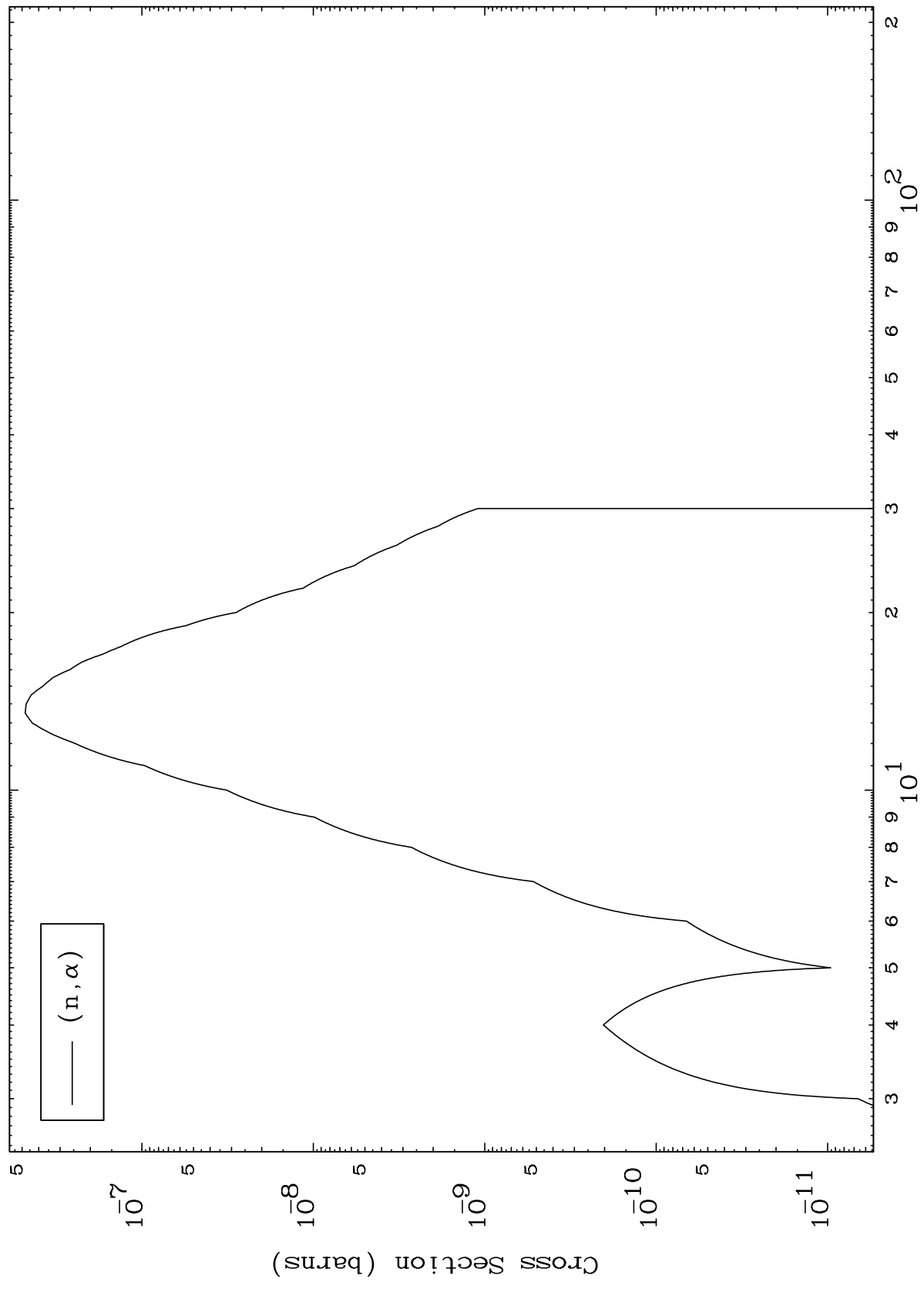
$^{83}\text{Bi}-215\text{m}$

MAT 8344

( $\gamma, \alpha$ ) Levels

$^{83}\text{Bi}-215\text{m}$

0 Kelvin Cross Sections



10

Incident Energy (MeV)

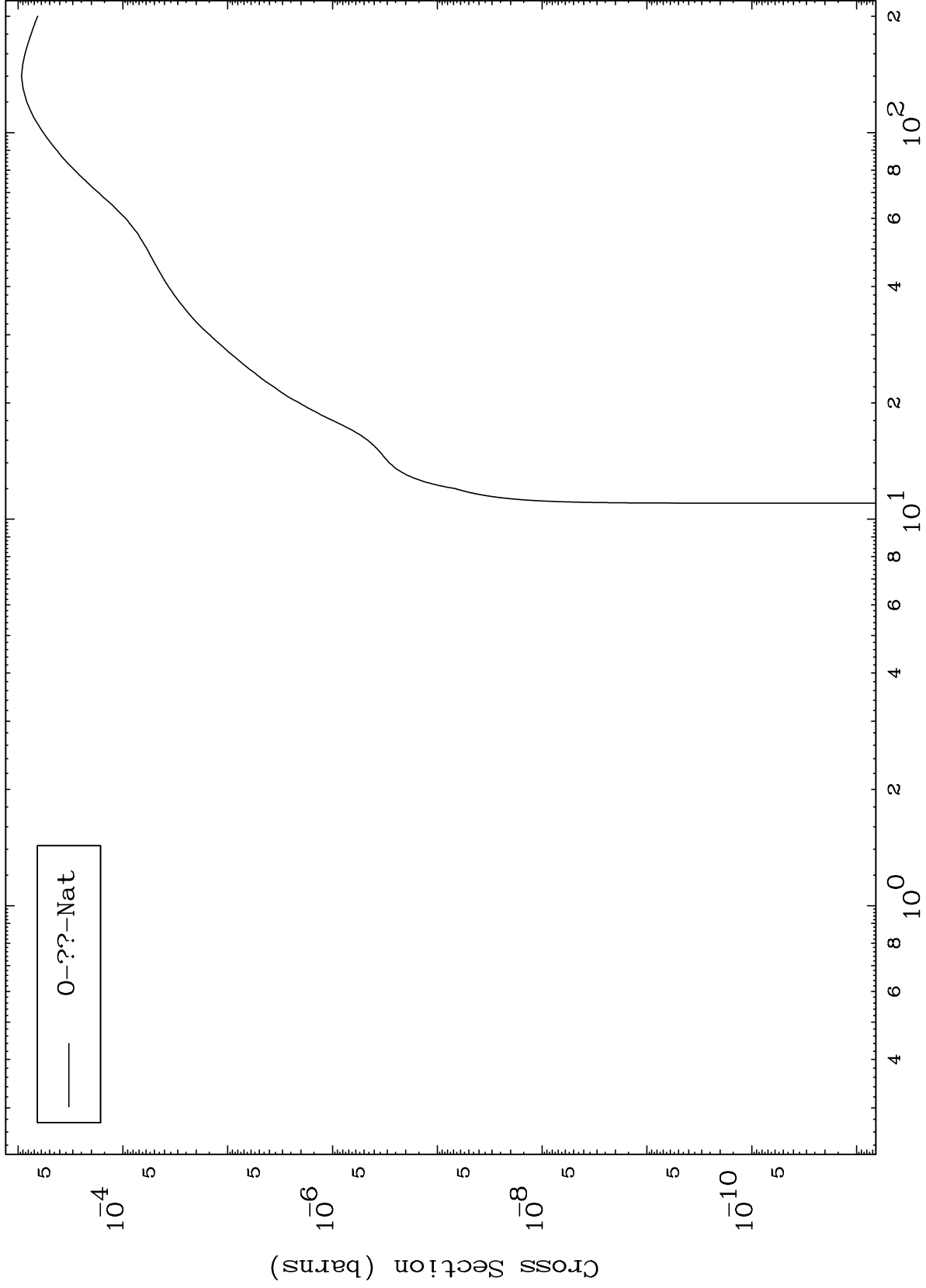
$^{83}\text{Bi}-215\text{m}$

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Fission

<sup>83</sup>Bi-215m

Radionuclide Production Cross Section

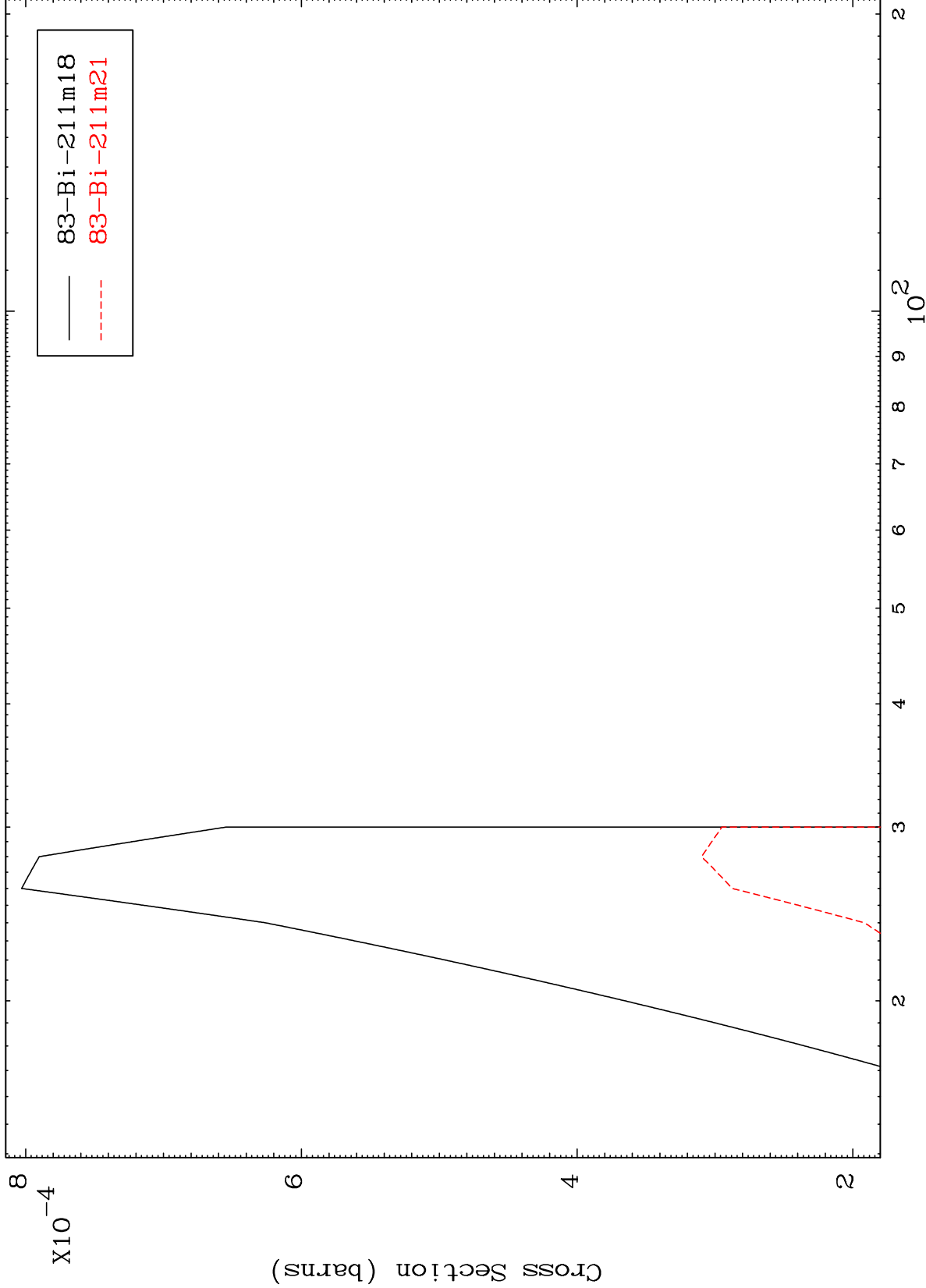


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(n,4n)

83-Bi-215m

Radionuclide Production Cross Section



12

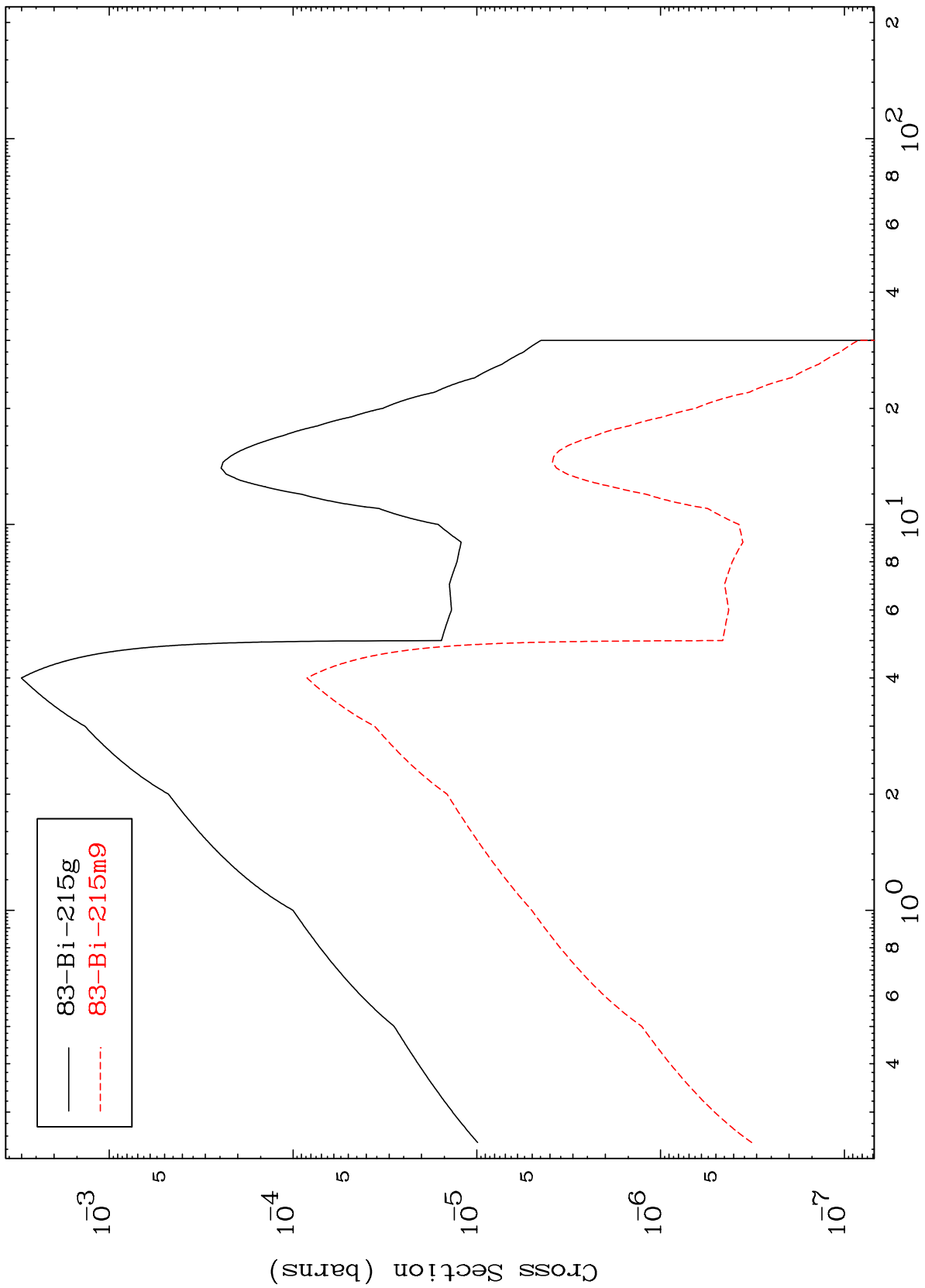
Incident Energy (MeV)

83-Bi-215m

MAT 8344

83-Bi-215m

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



13

83-Bi-215m

Incident Energy (MeV)