

Program EVALPLOT  
(Version 2021-1)

by

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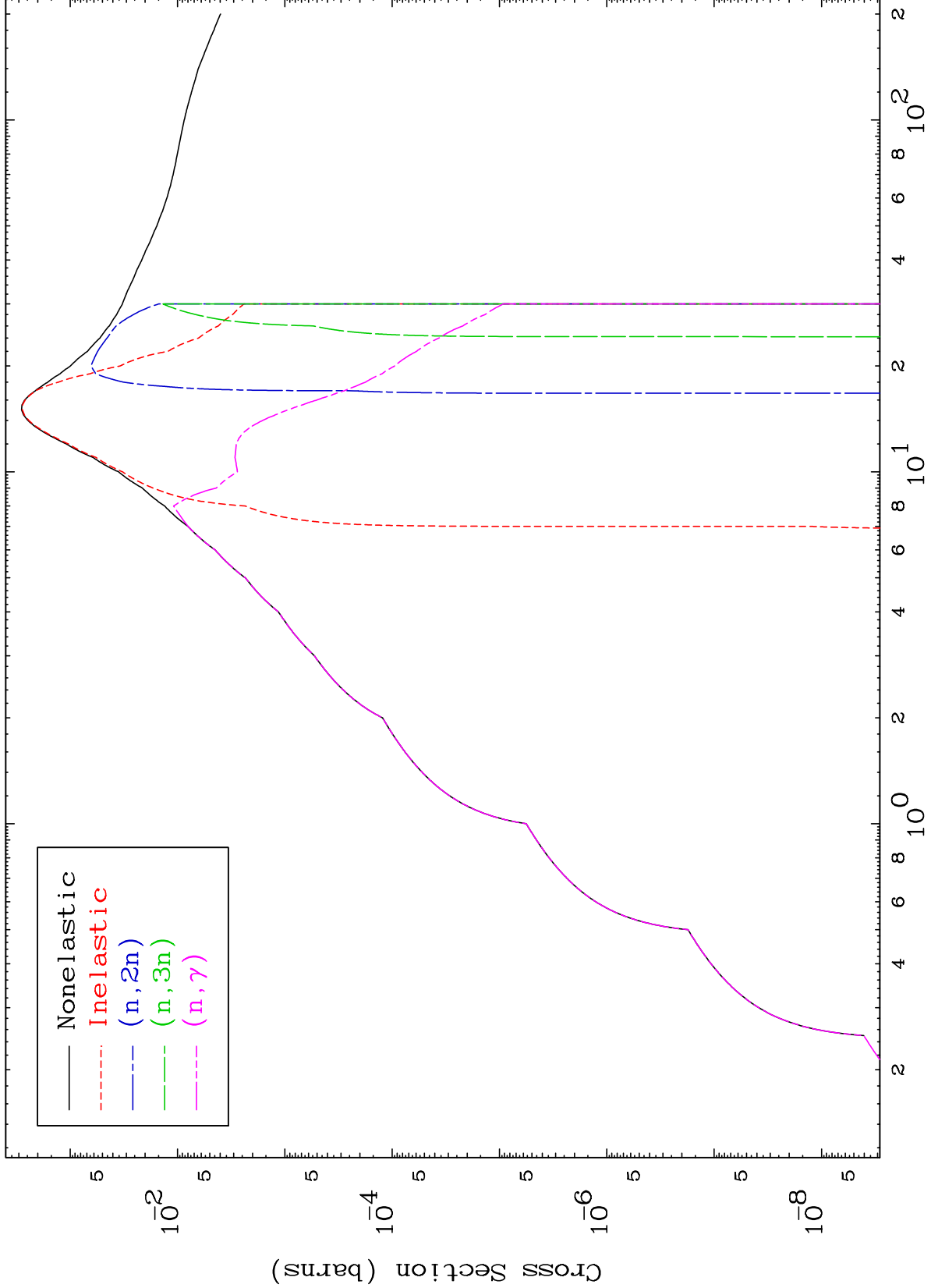
Press Mouse Button to Start

MAT 5635

Photon Major

56-Ba-133m

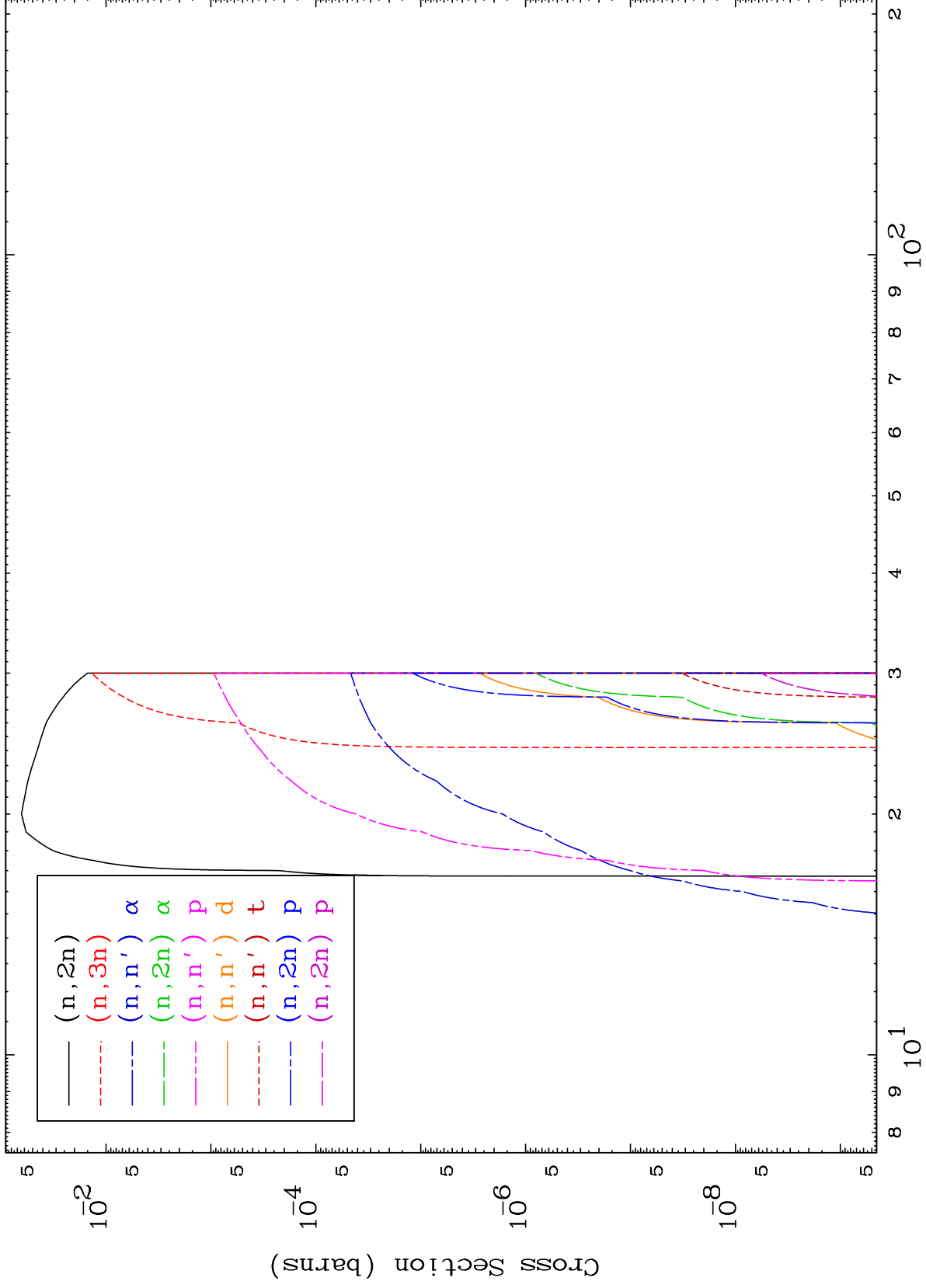
0 Kelvin Cross Sections



MAT 5635

Photon Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-133m



56-Ba-133m

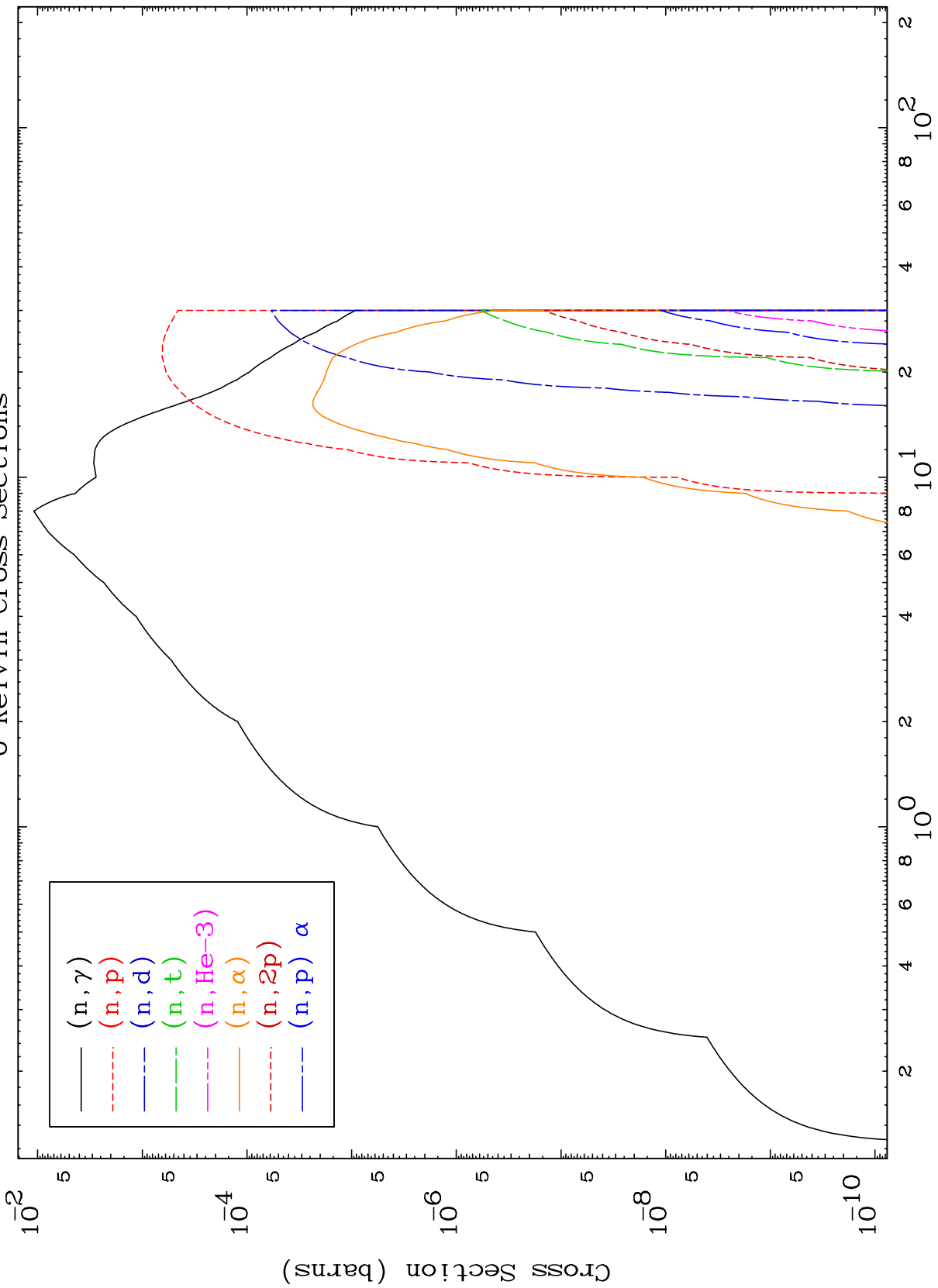
Incident Energy (MeV)

2

MAT 5635

Photon Neutron Absorption  
0 Kelvin Cross Sections

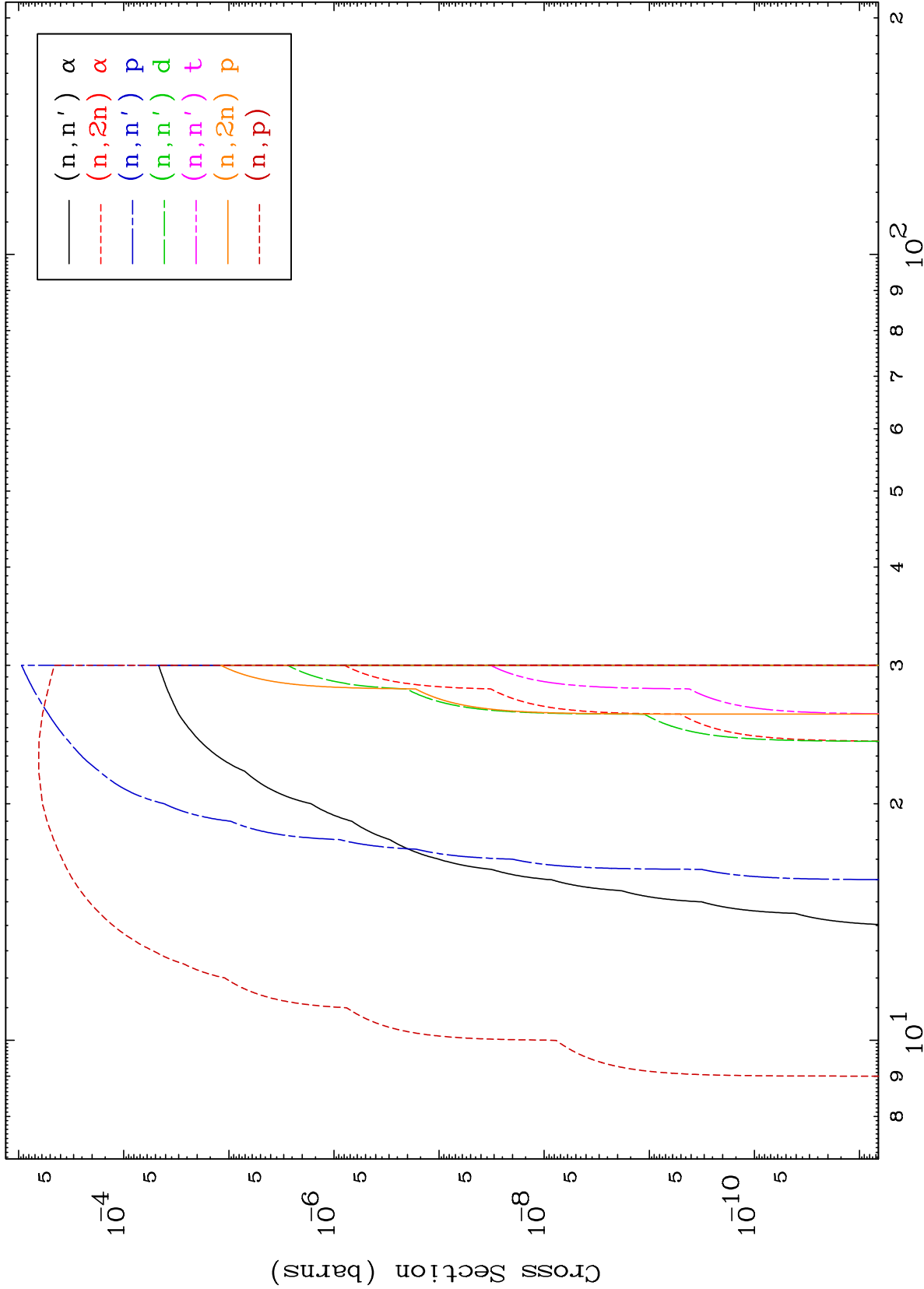
56-Ba-133m



MAT 5635

Photon Charged Particle  
0 Kelvin Cross Sections

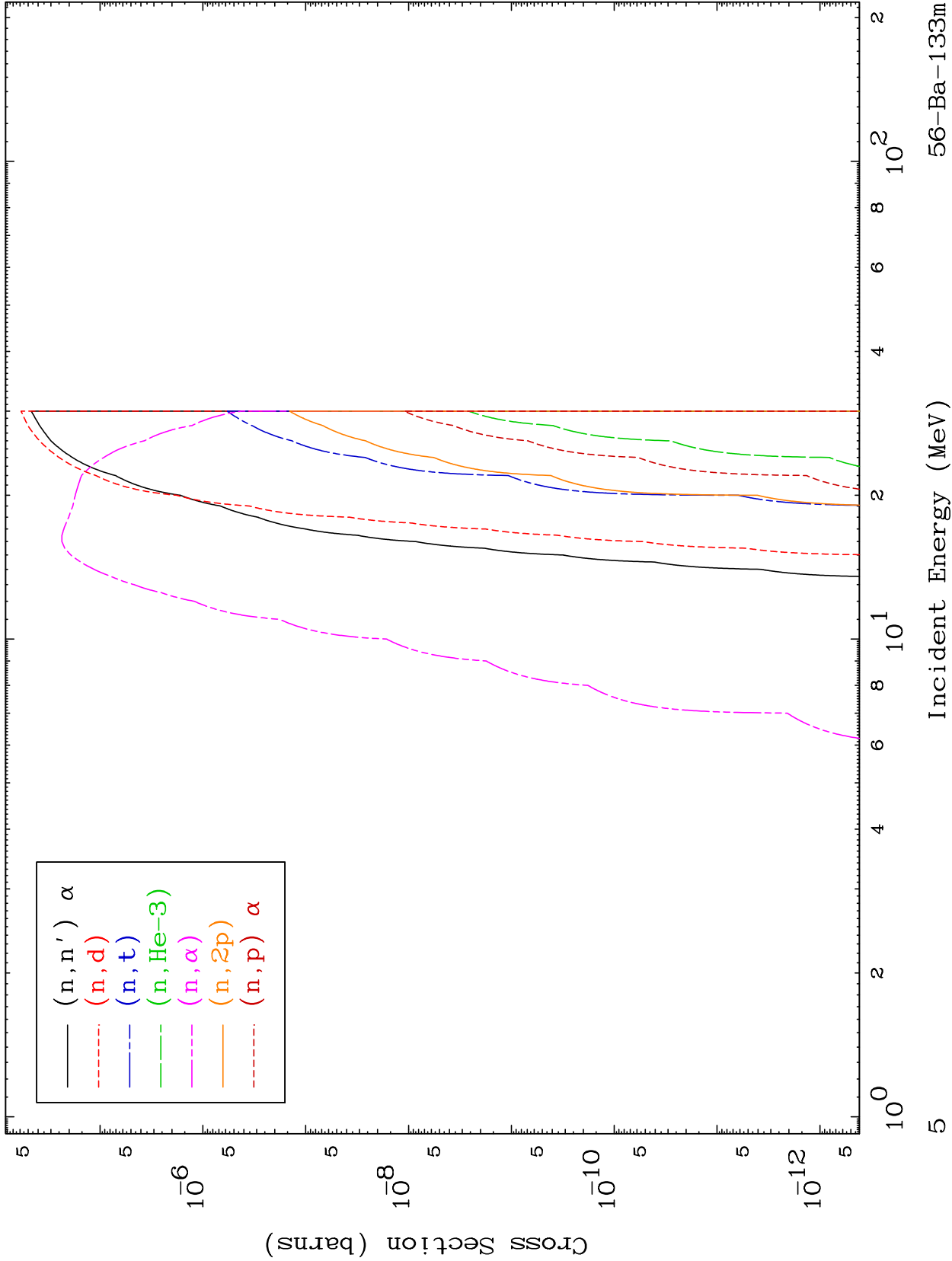
56-Ba-133m



MAT 5635

Photon Charged Particle  
0 Kelvin Cross Sections

56-Ba-133m



Incident Energy (MeV)

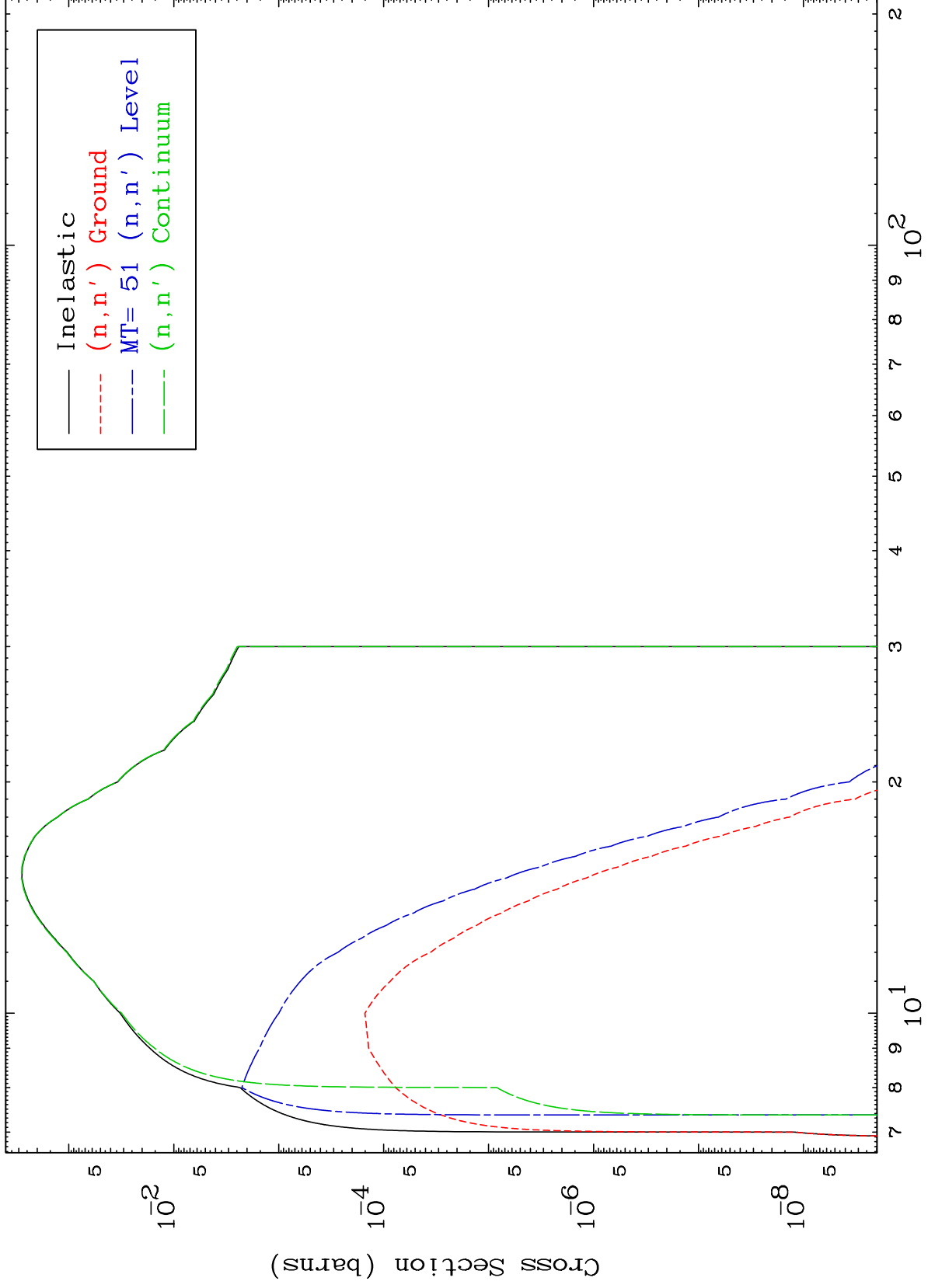
56-Ba-133m

MAT 5635

( $\gamma, n'$ ) Levels

56-Ba-133m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

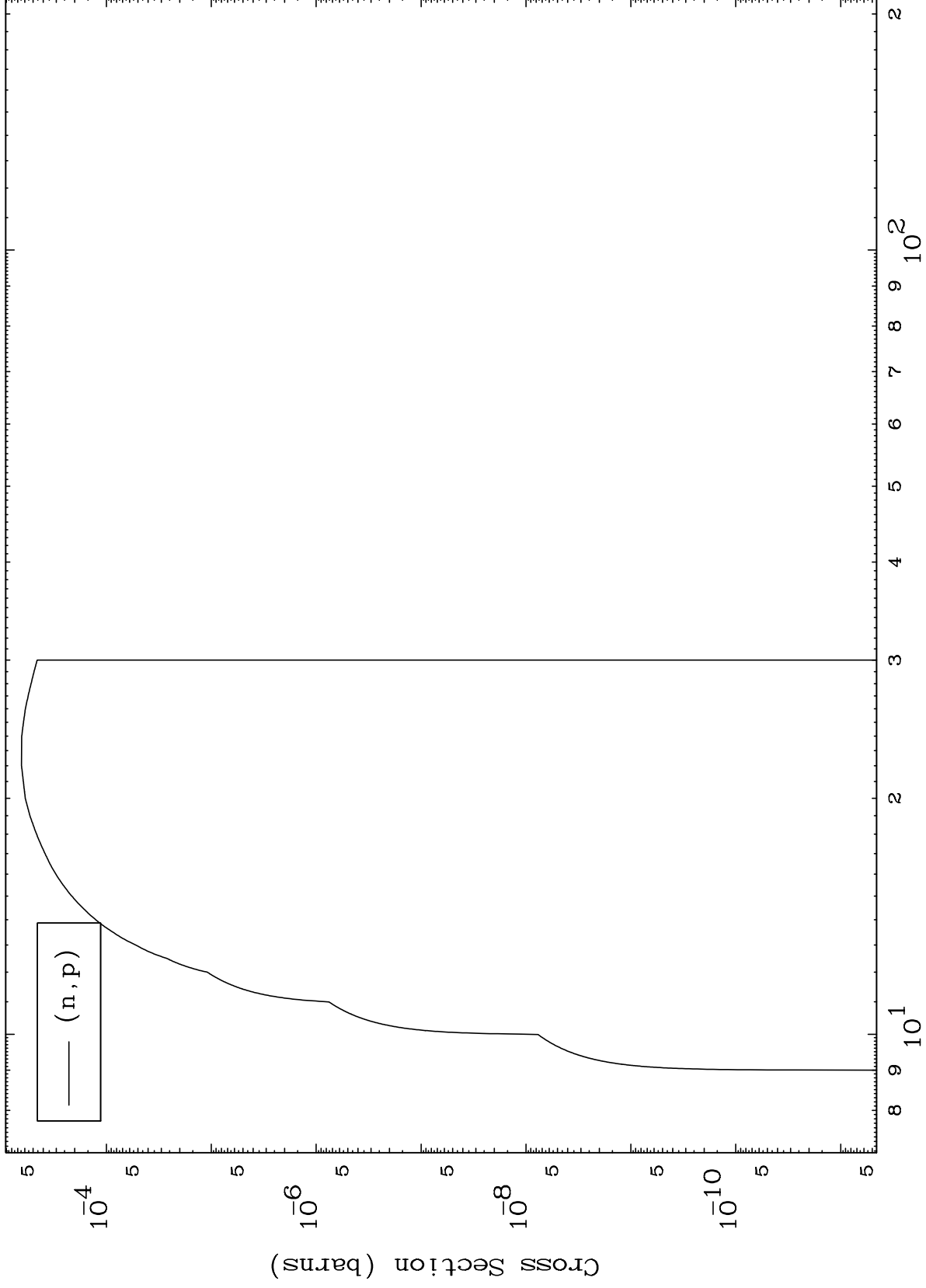
56-Ba-133m

MAT 5635

( $\gamma, p$ ) Levels

56-Ba-133m

0 Kelvin Cross Sections



7

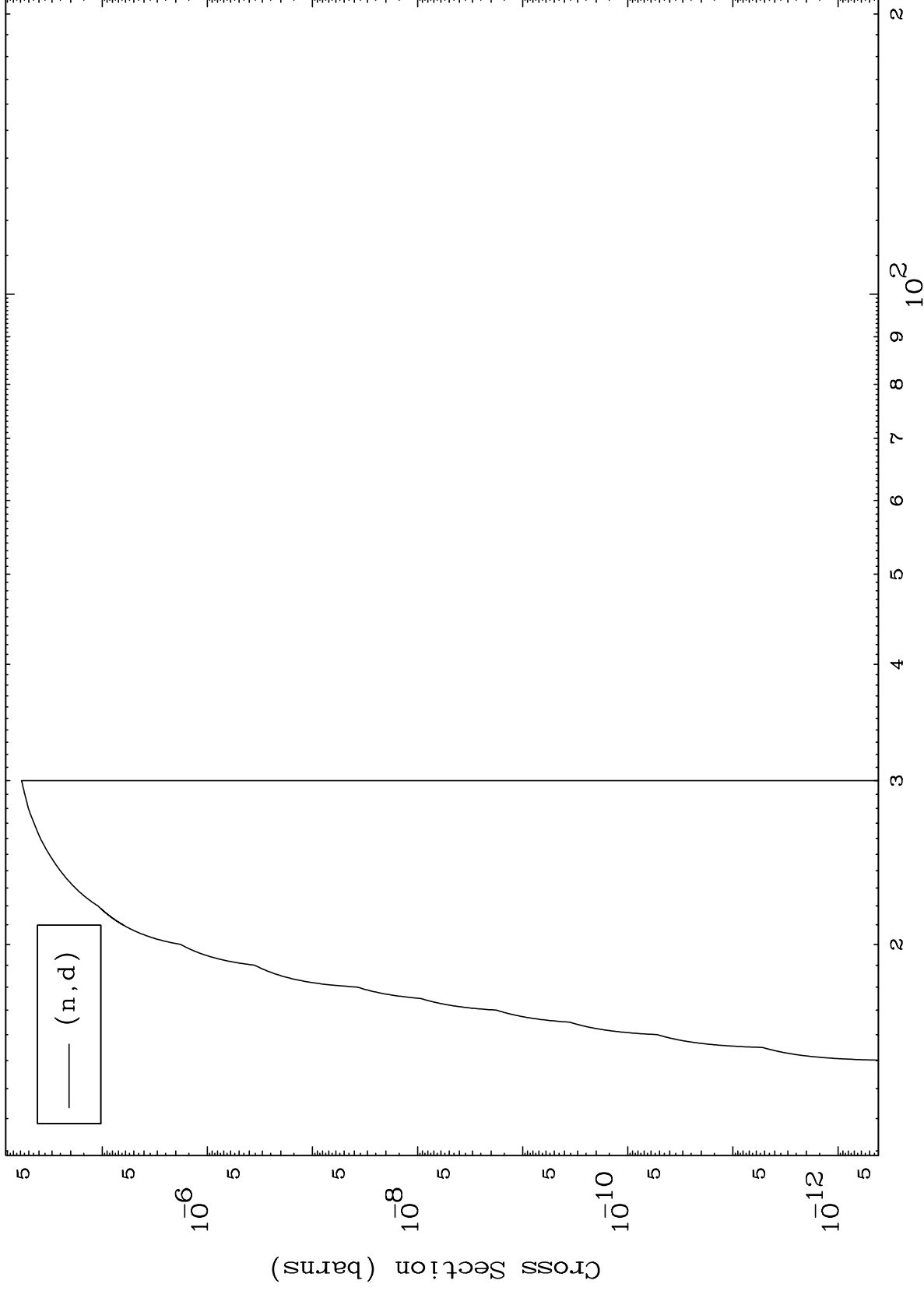
Incident Energy (MeV)

56-Ba-133m

MAT 5635

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

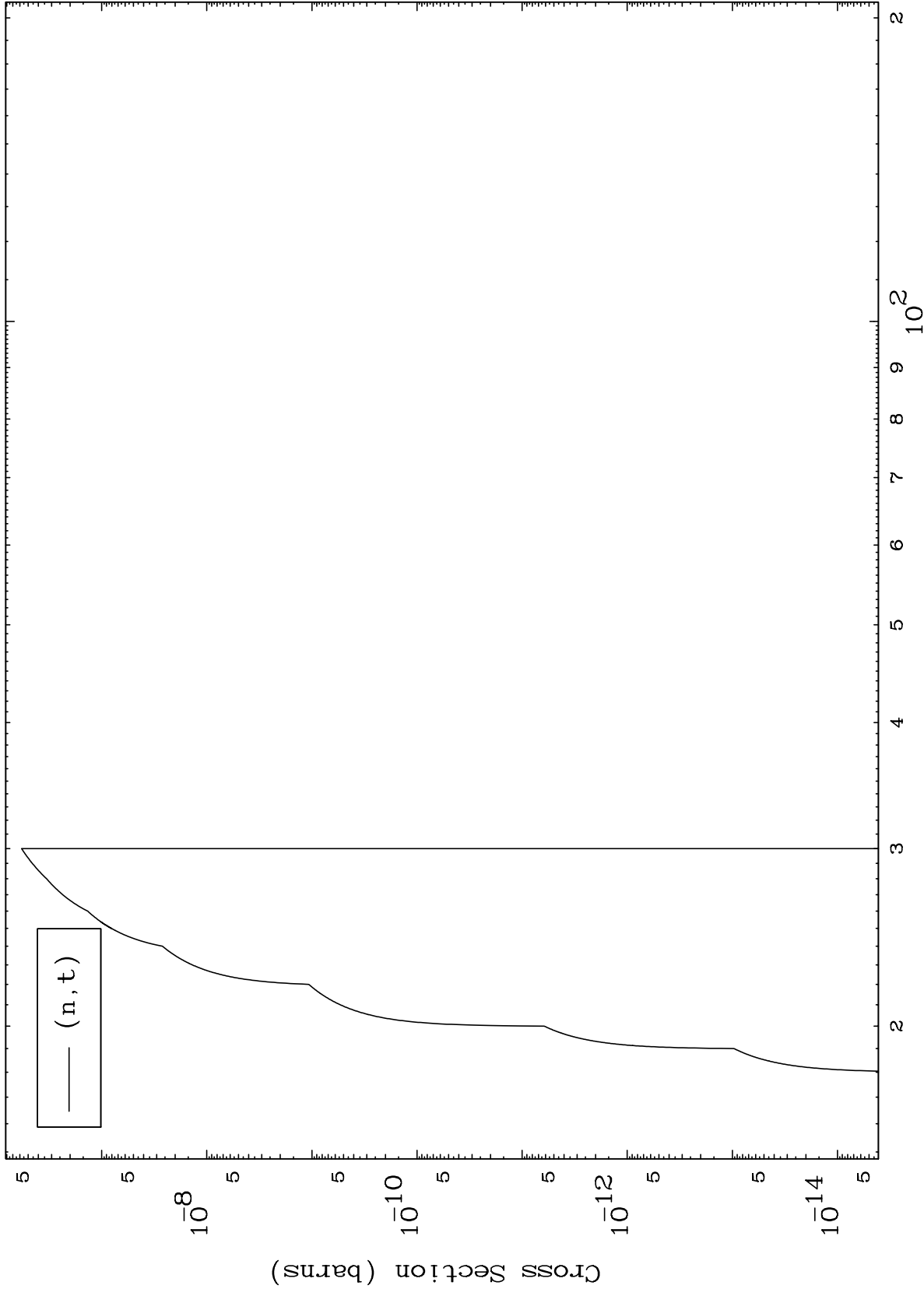
56-Ba-133m



MAT 5635

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

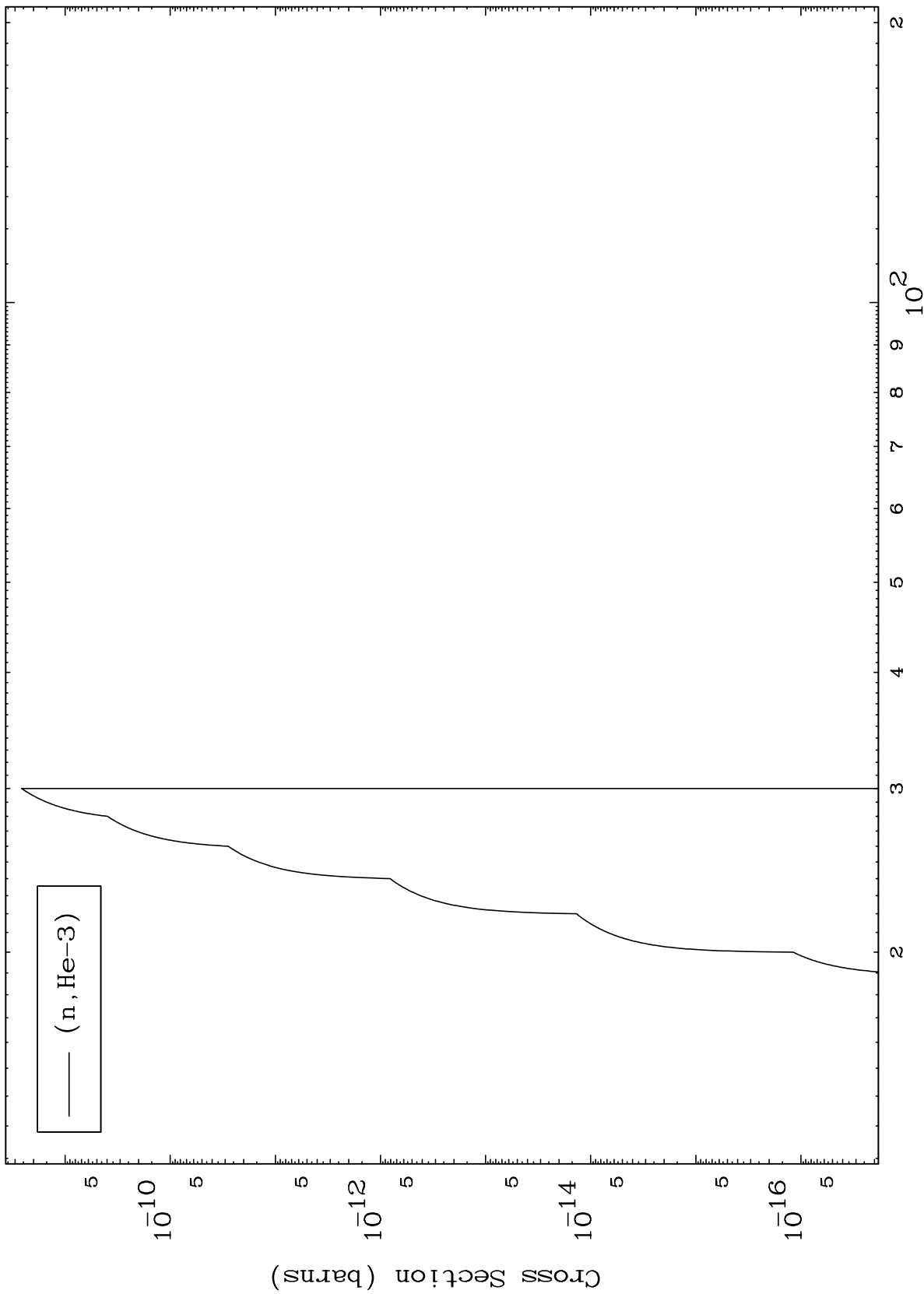
56-Ba-133m



MAT 5635

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

56-Ba-133m



10

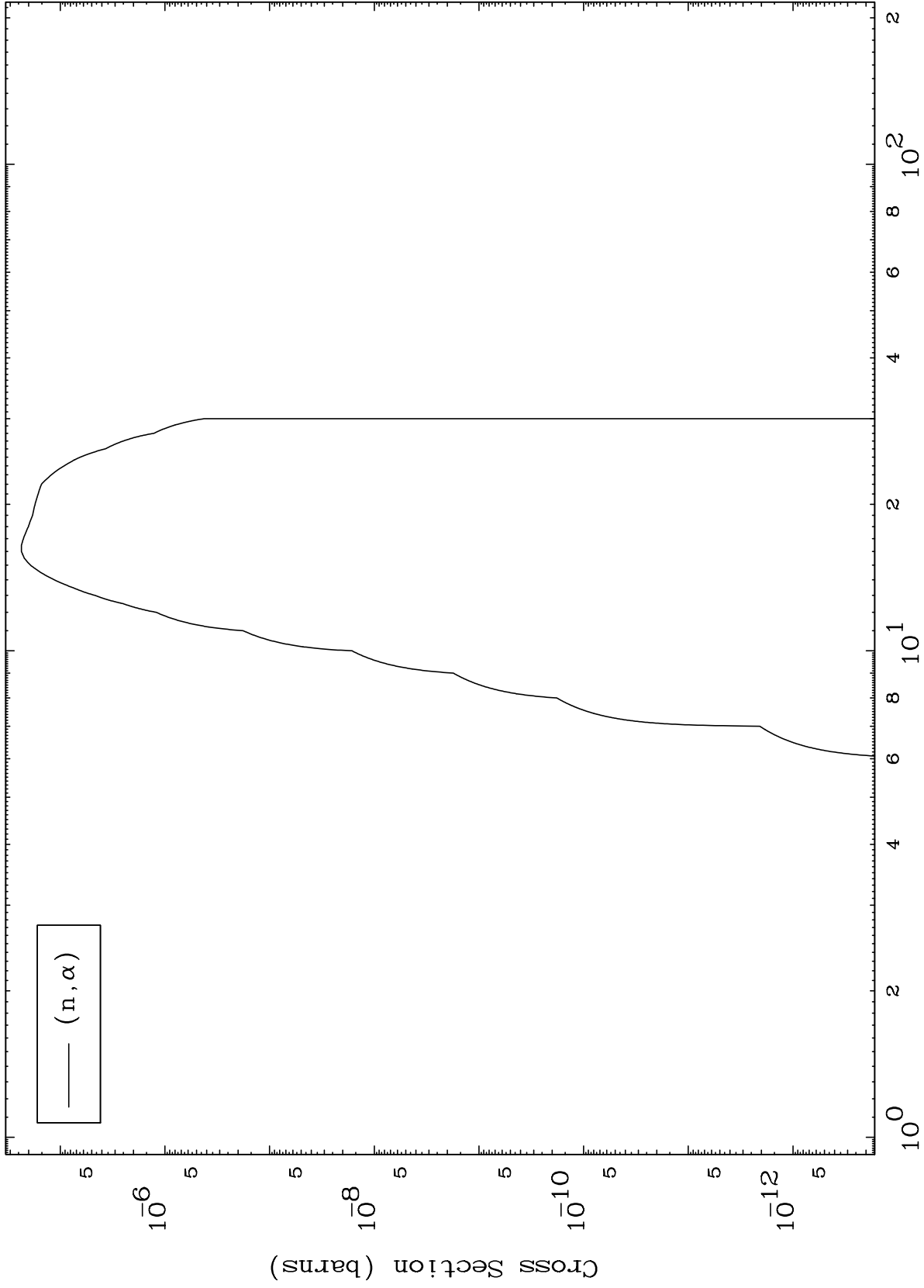
Incident Energy (MeV)

56-Ba-133m

MAT 5635

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

56-Ba-133m



11

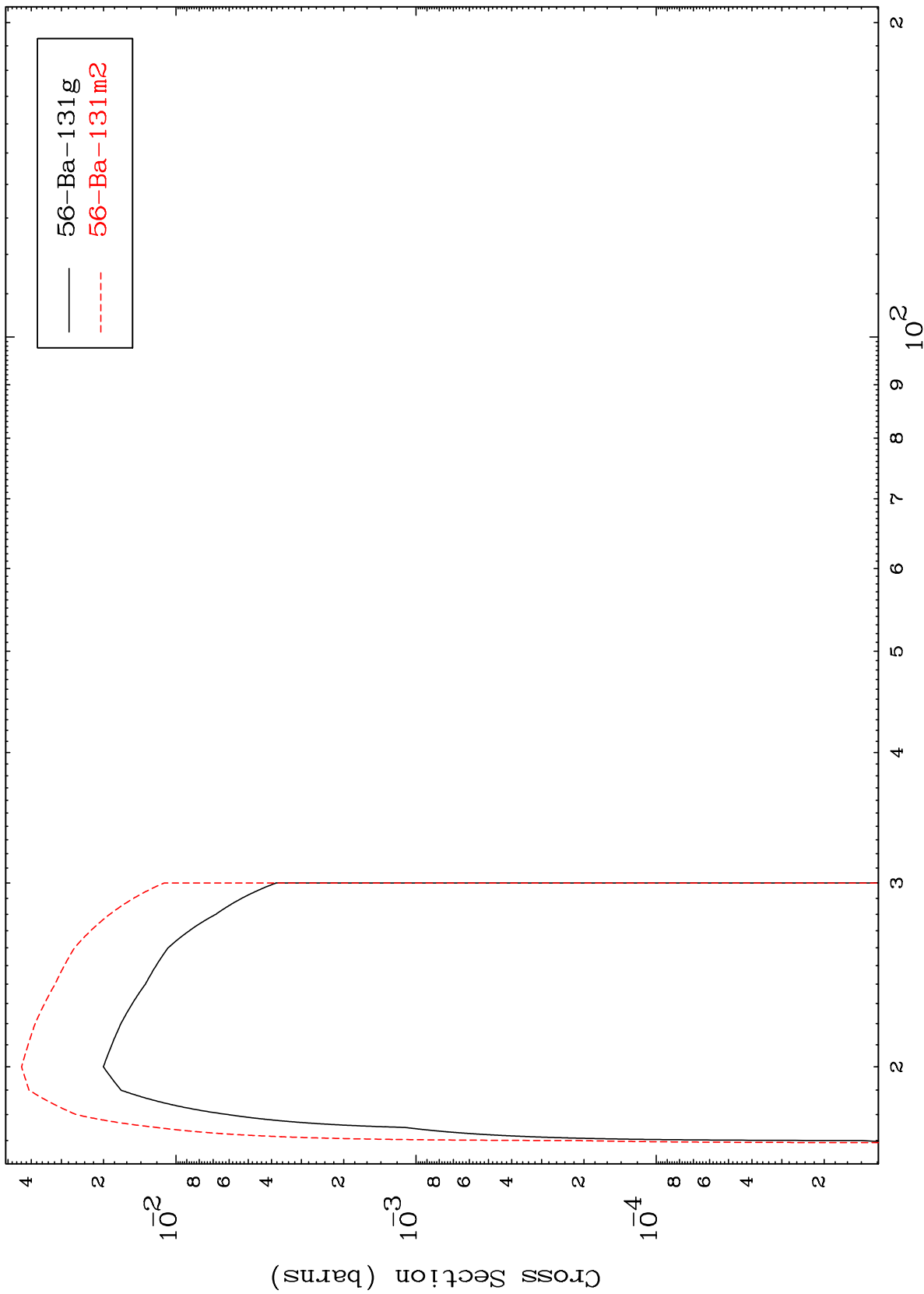
Incident Energy (MeV)

56-Ba-133m

MAT 5635

56-Ba-133m

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

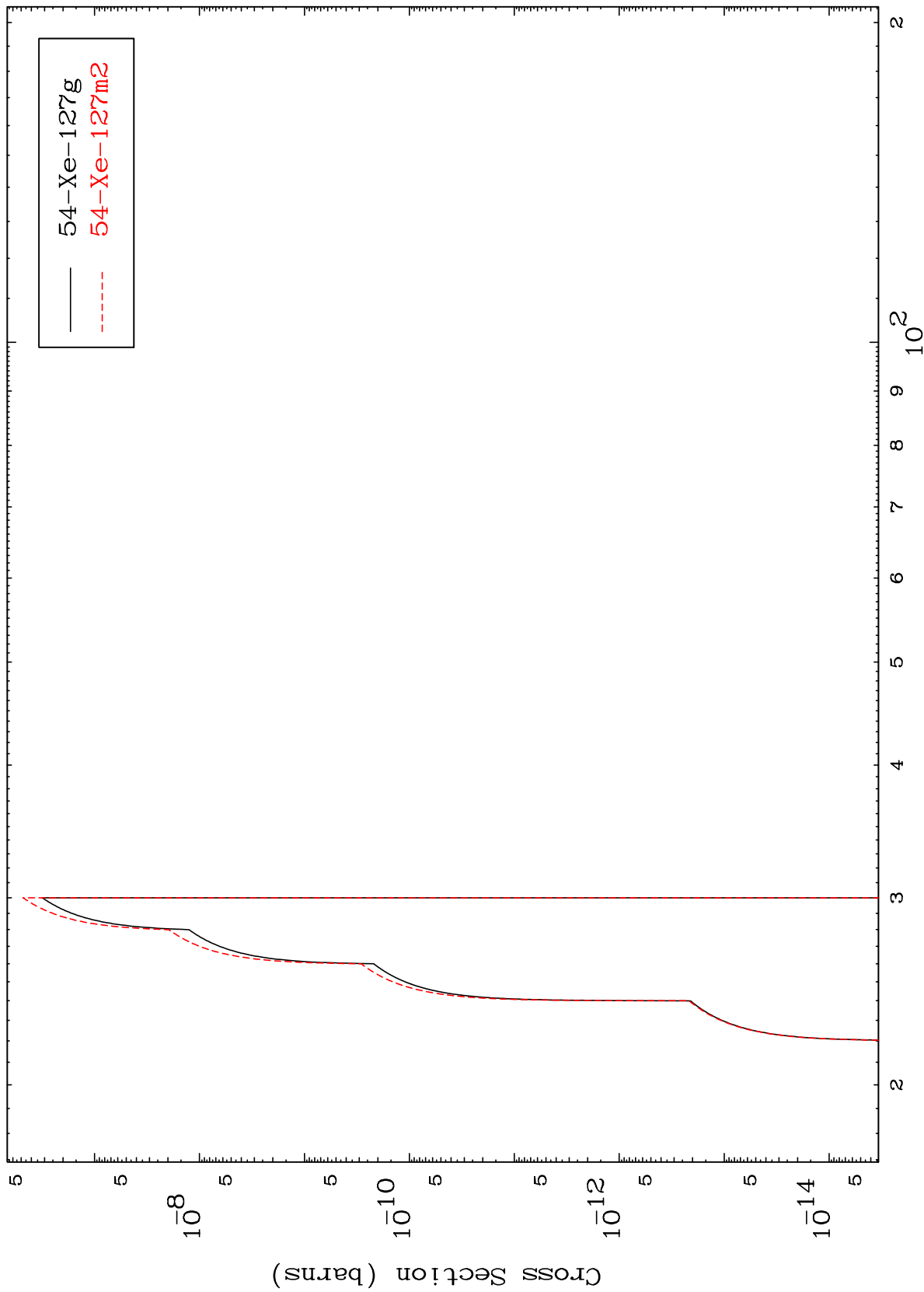
56-Ba-133m

MAT 5635

(n,2n)  $\alpha$

56-Ba-133m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

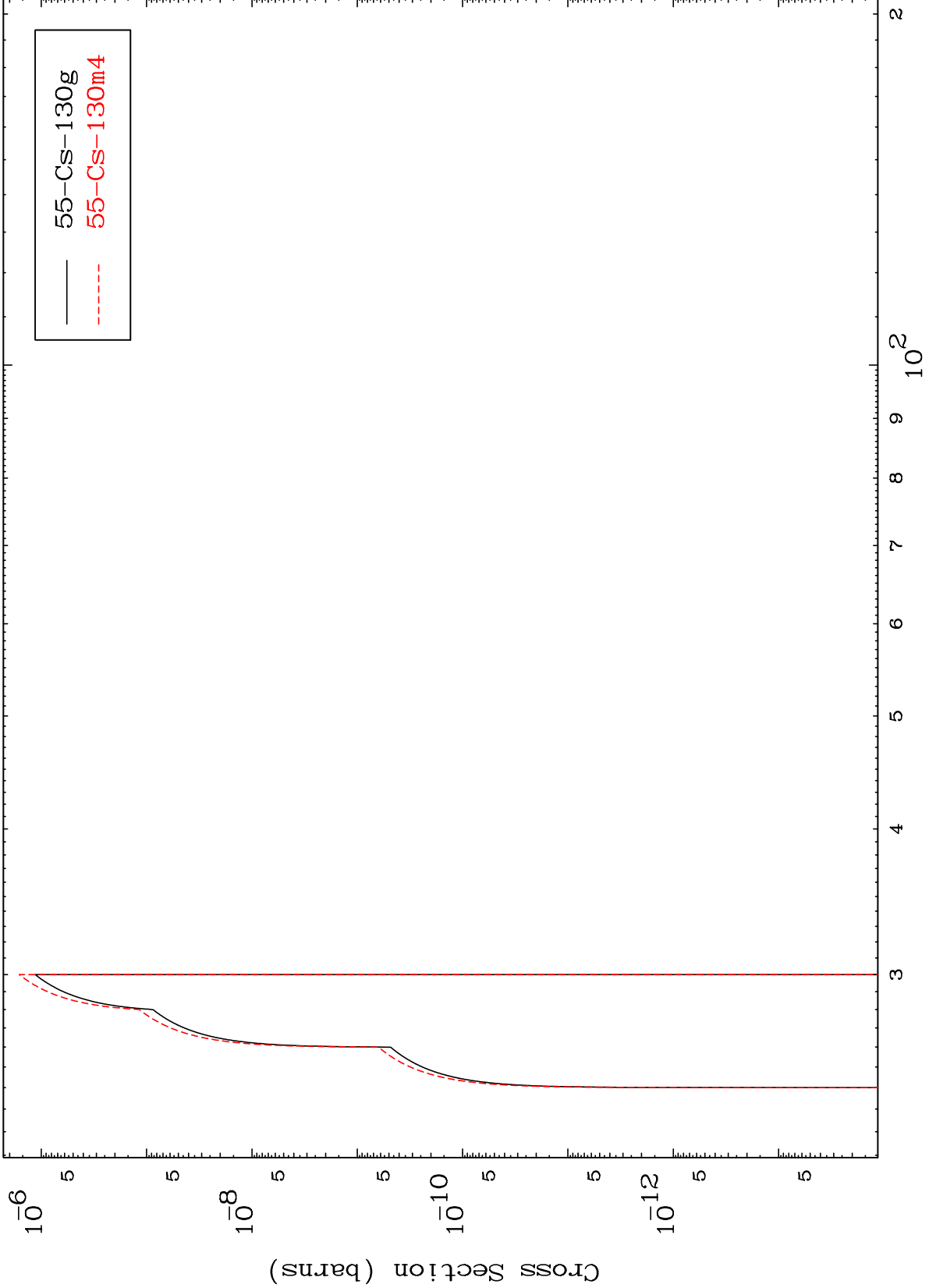
56-Ba-133m

MAT 5635

(n,n') d

56-Ba-133m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

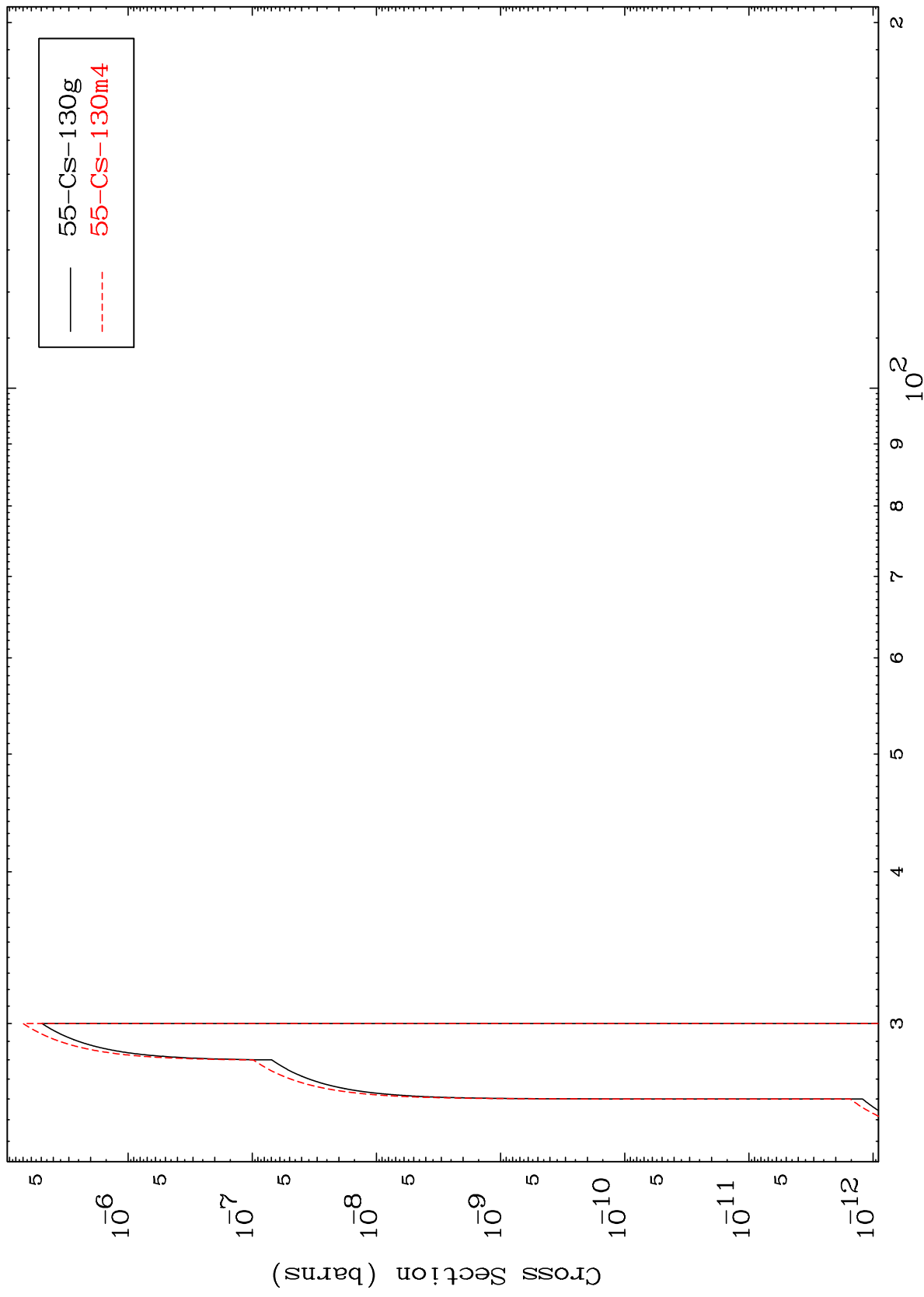
56-Ba-133m

MAT 5635

(n,2n) p

56-Ba-133m

Radionuclide Production Cross Section



15

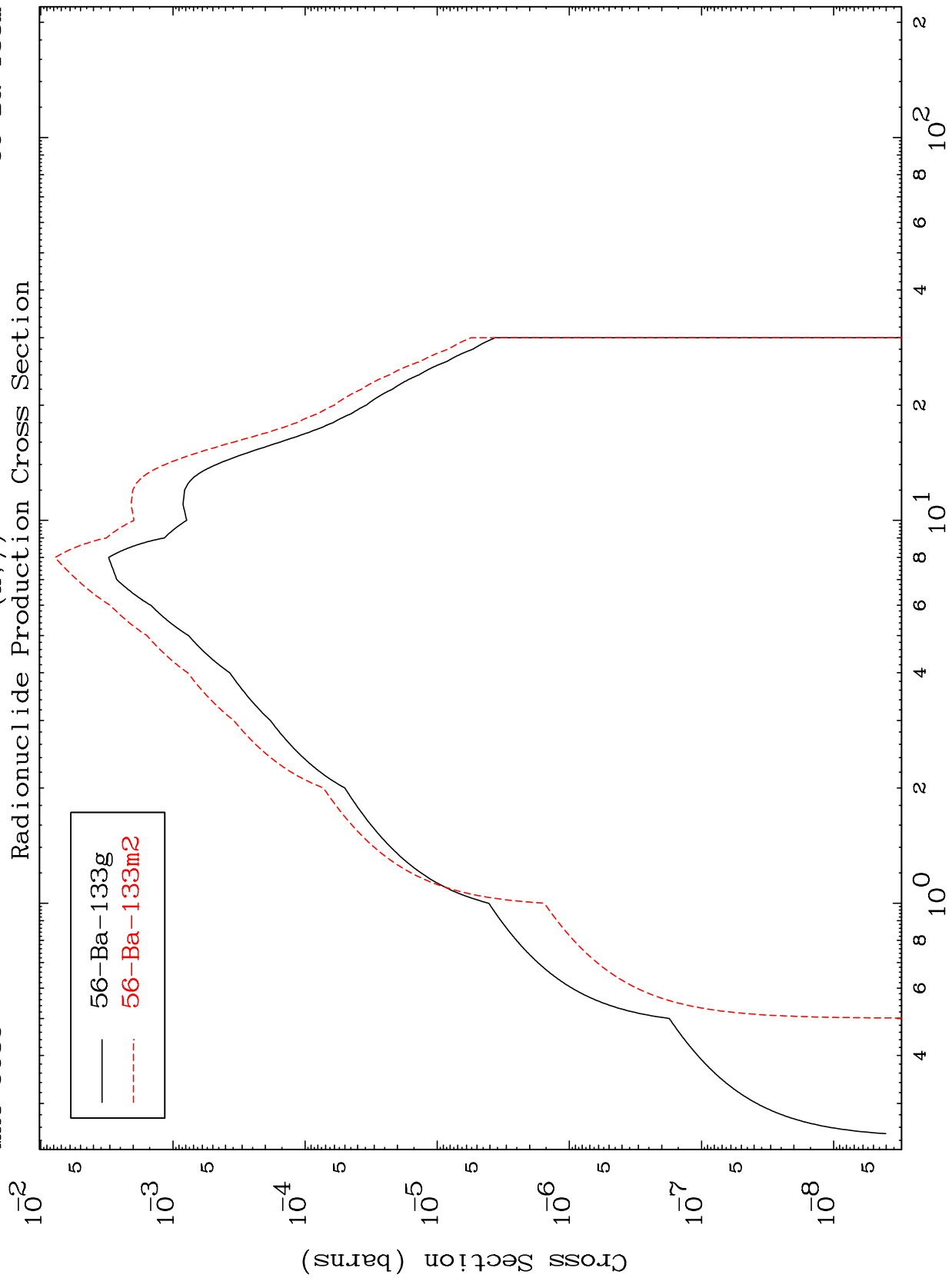
Incident Energy (MeV)

56-Ba-133m

MAT 5635

56-Ba-133m

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



56-Ba-133g  
56-Ba-133m2

56-Ba-133m

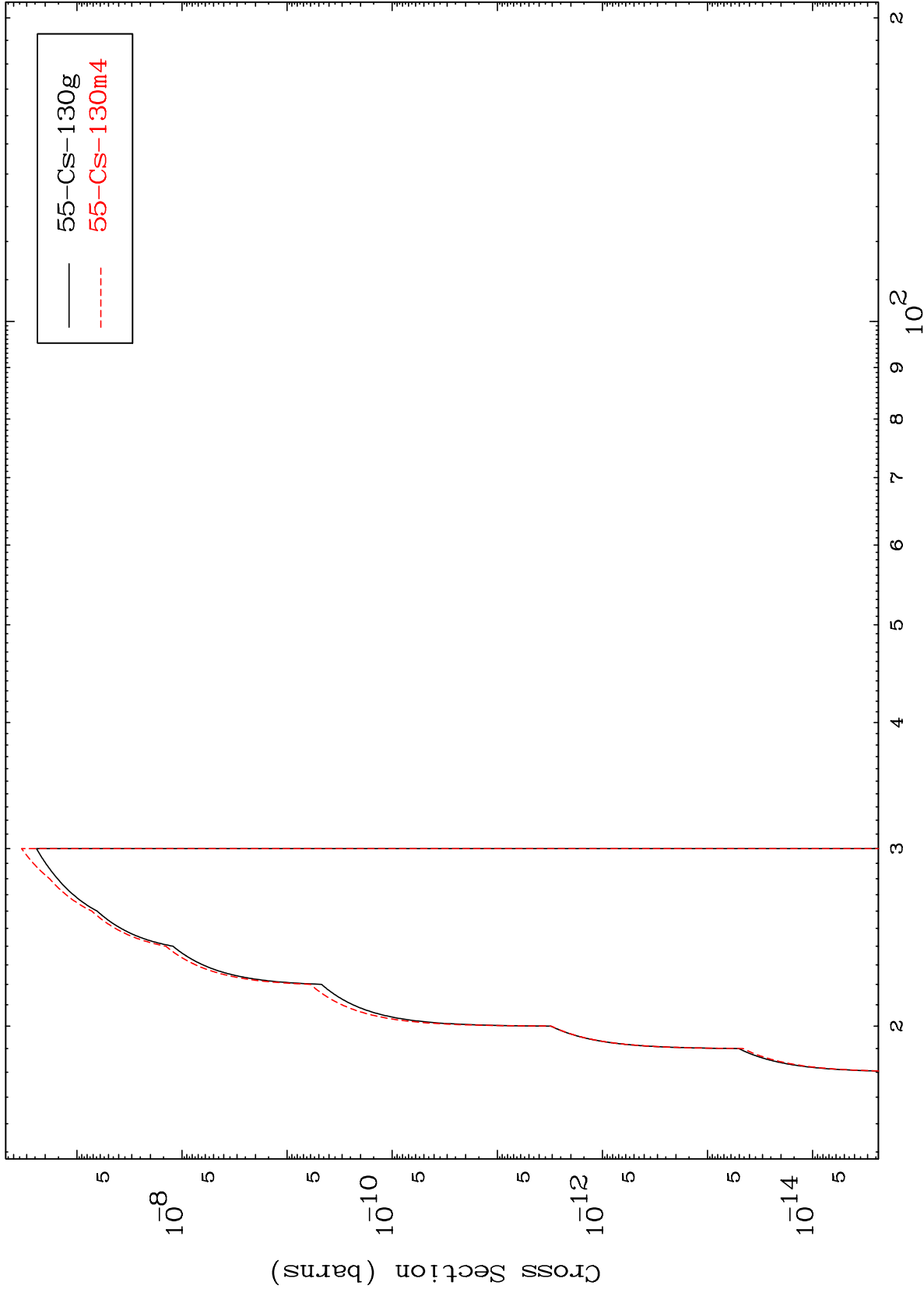
Incident Energy (MeV)

16

MAT 5635

56-Ba-133m

(n,t)  
Radionuclide Production Cross Section



17

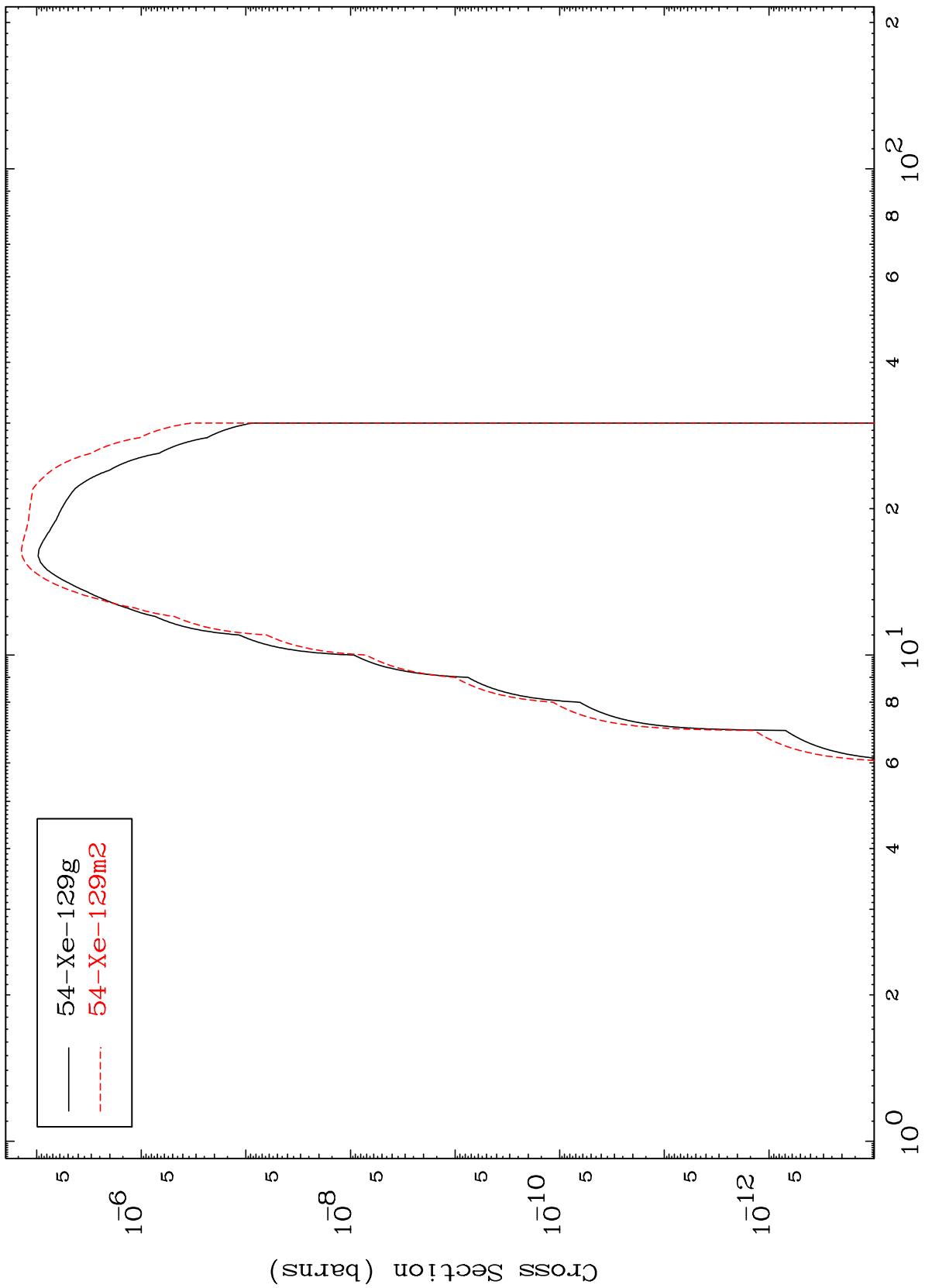
56-Ba-133m

Incident Energy (MeV)

MAT 5635

56-Ba-133m

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



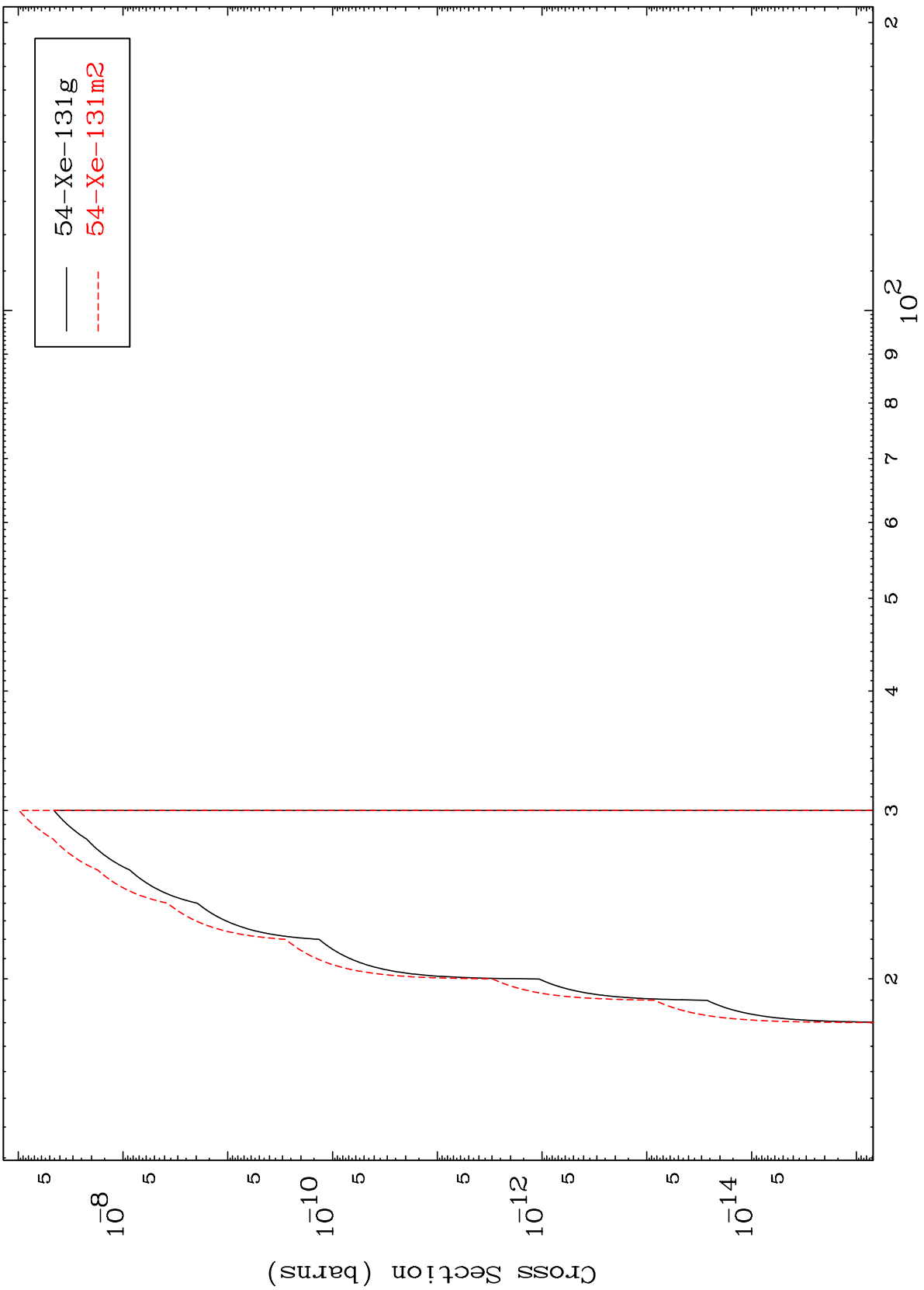
Incident Energy (MeV)

56-Ba-133m

MAT 5635

56-Ba-133m

(n,2p)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

56-Ba-133m