

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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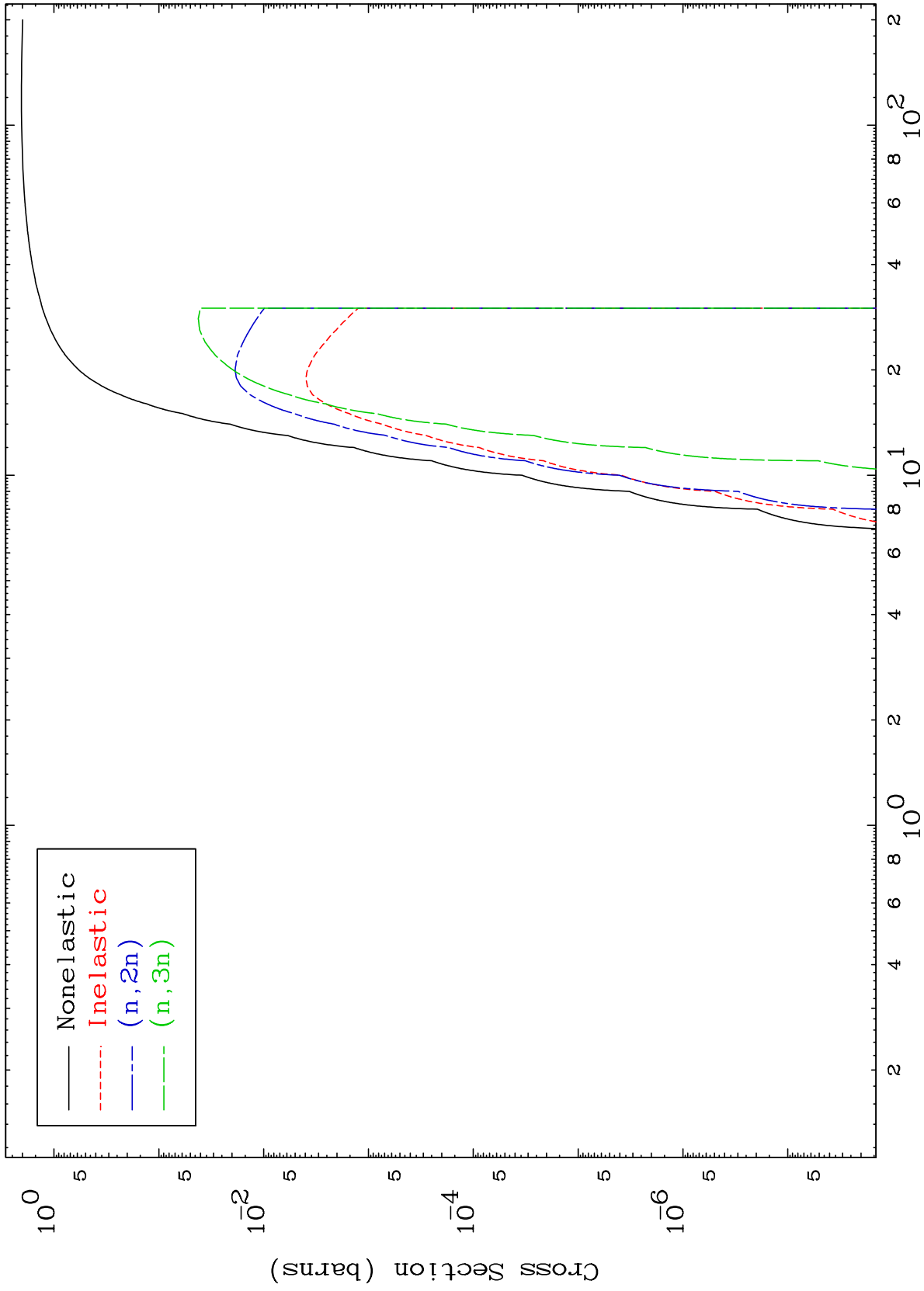
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5649

He-3 Major  
0 Kelvin Cross Sections

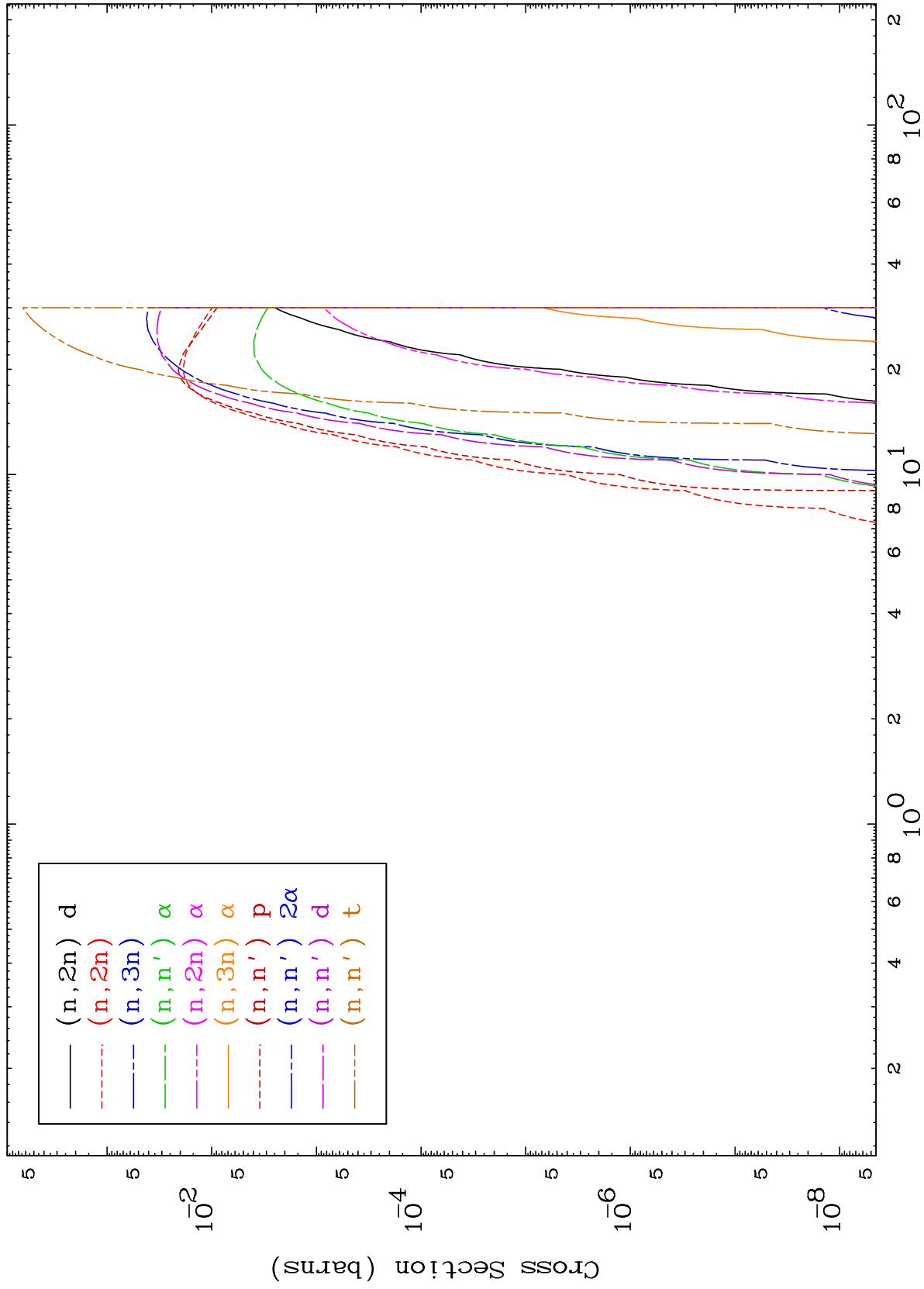
56-Ba-138



MAT 5649

He-3 Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-138



2

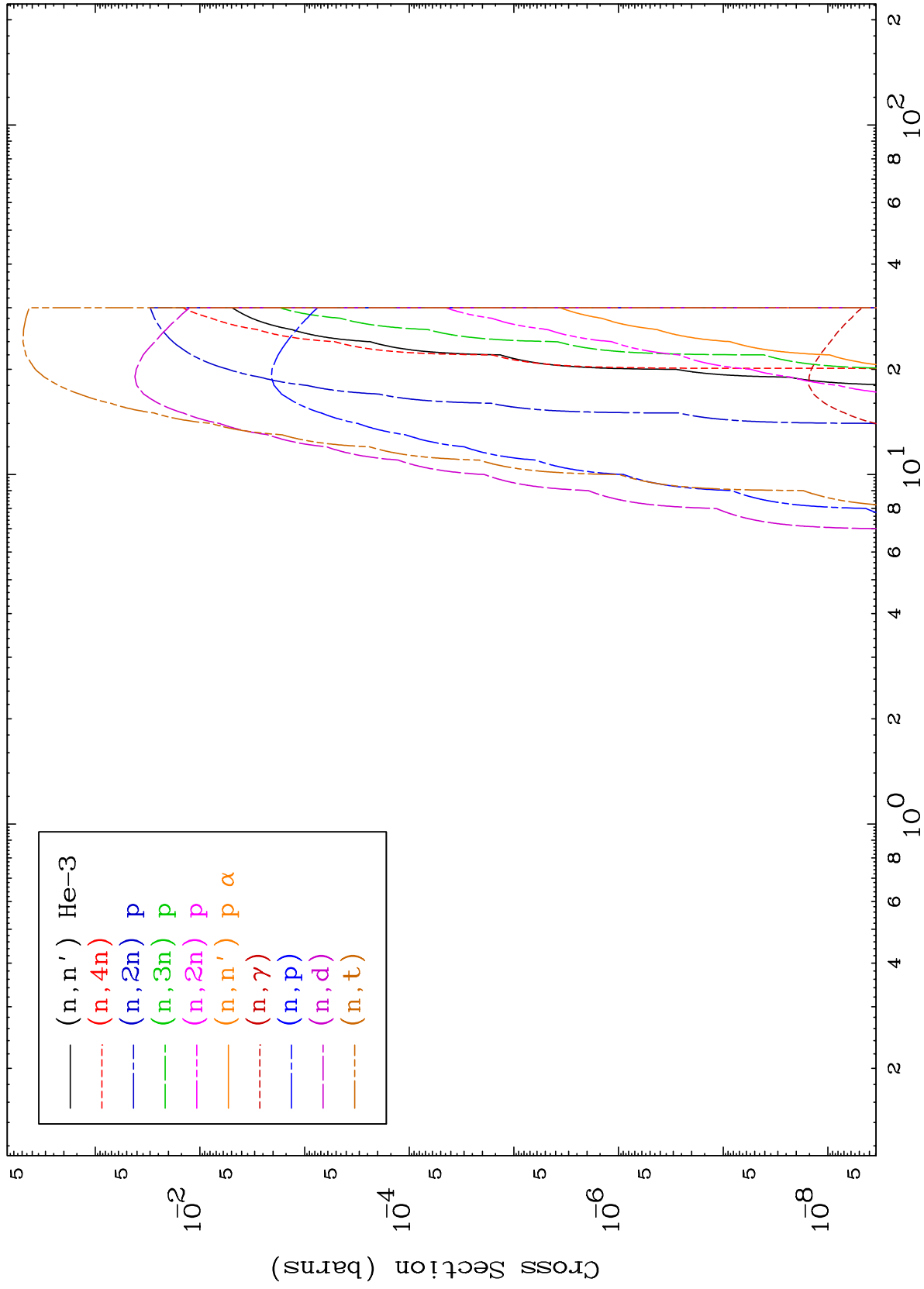
Incident Energy (MeV)

56-Ba-138

MAT 5649

He-3 Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-138



56-Ba-138

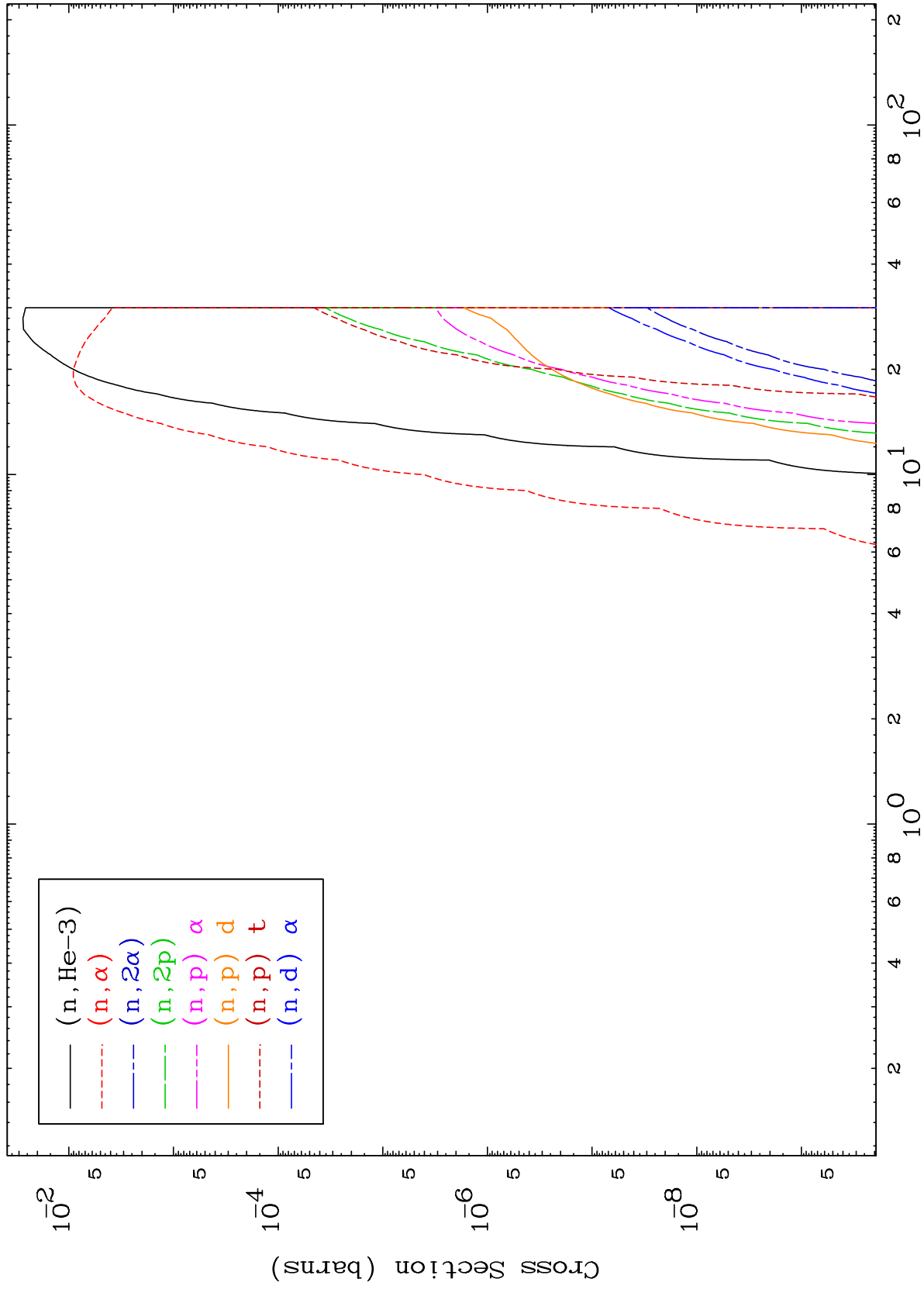
Incident Energy (MeV)

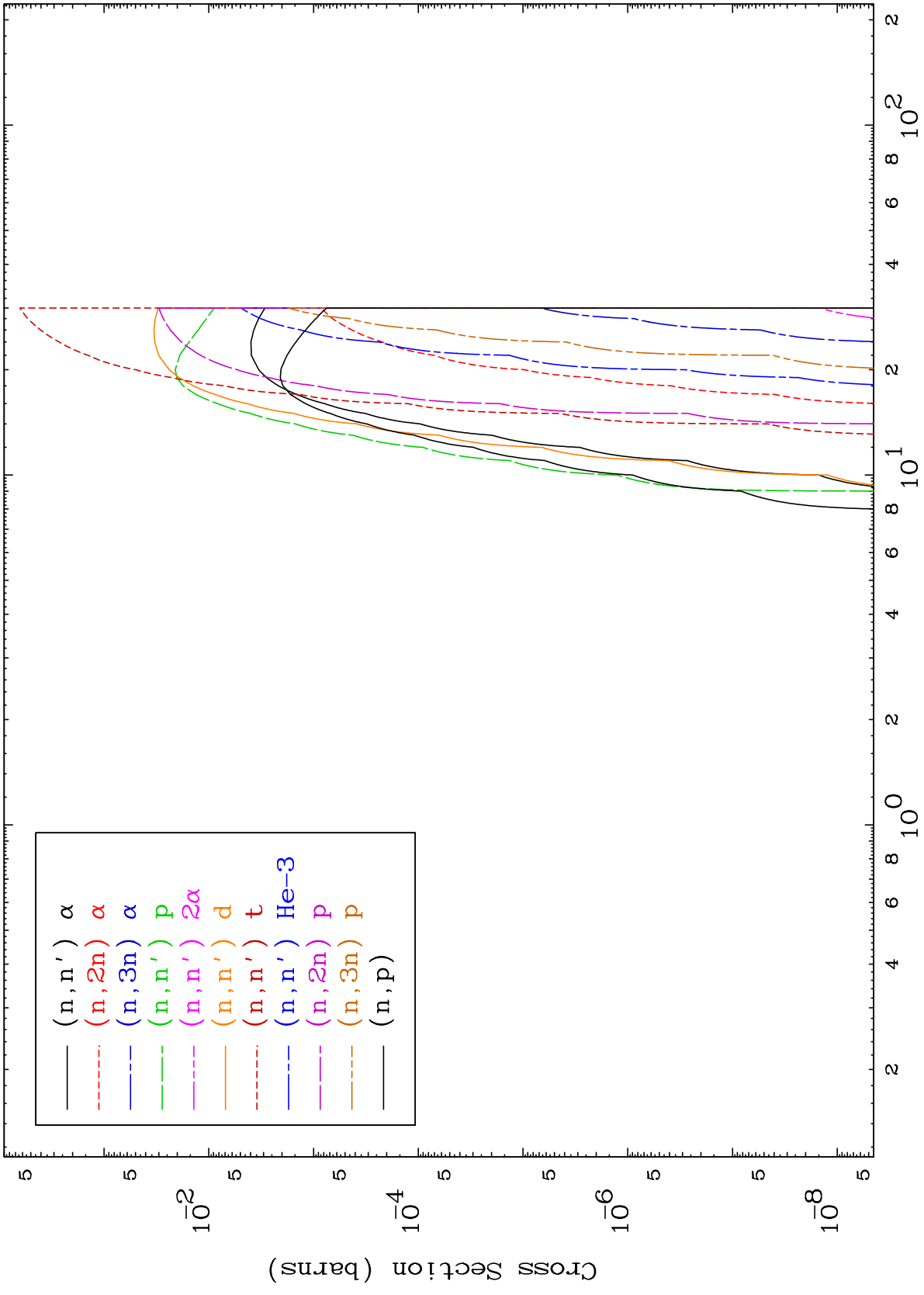
3

MAT 5649

He-3 Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-138

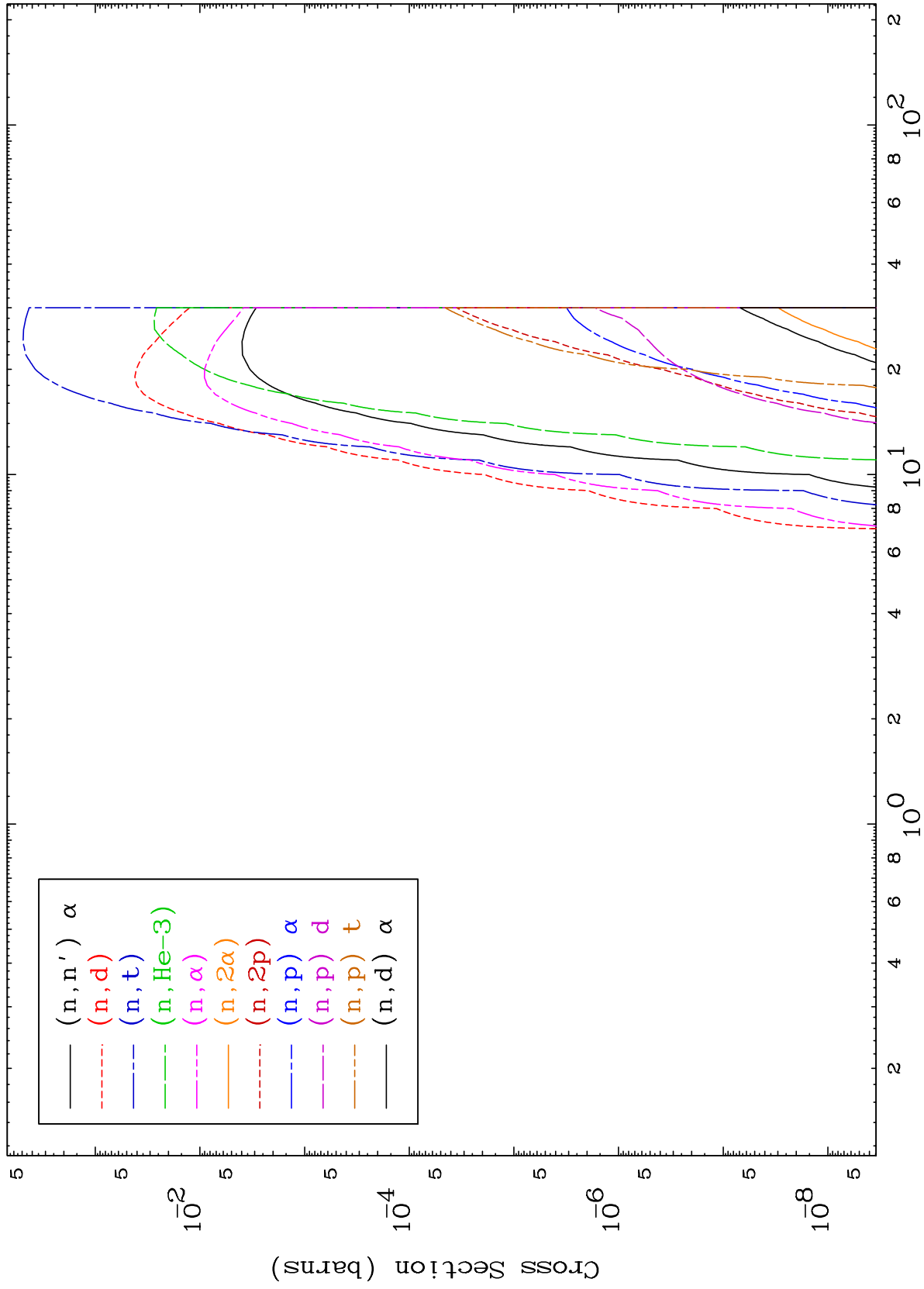




MAT 5649

He-3 Charged Particle  
0 Kelvin Cross Sections

56-Ba-138

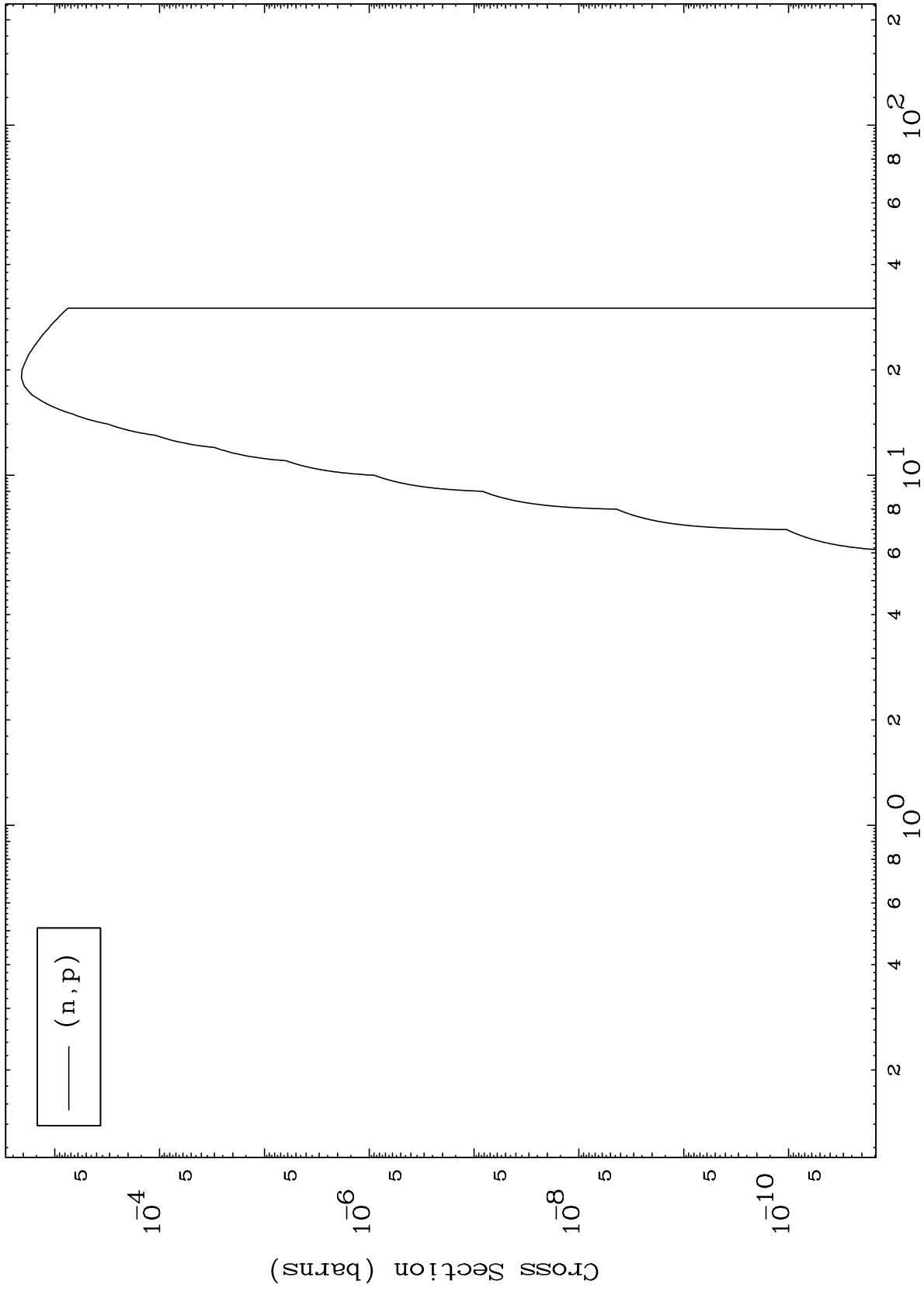


56-Ba-138

MAT 5649

(He-3,p) Levels  
0 Kelvin Cross Sections

56-Ba-138



7

Incident Energy (MeV)

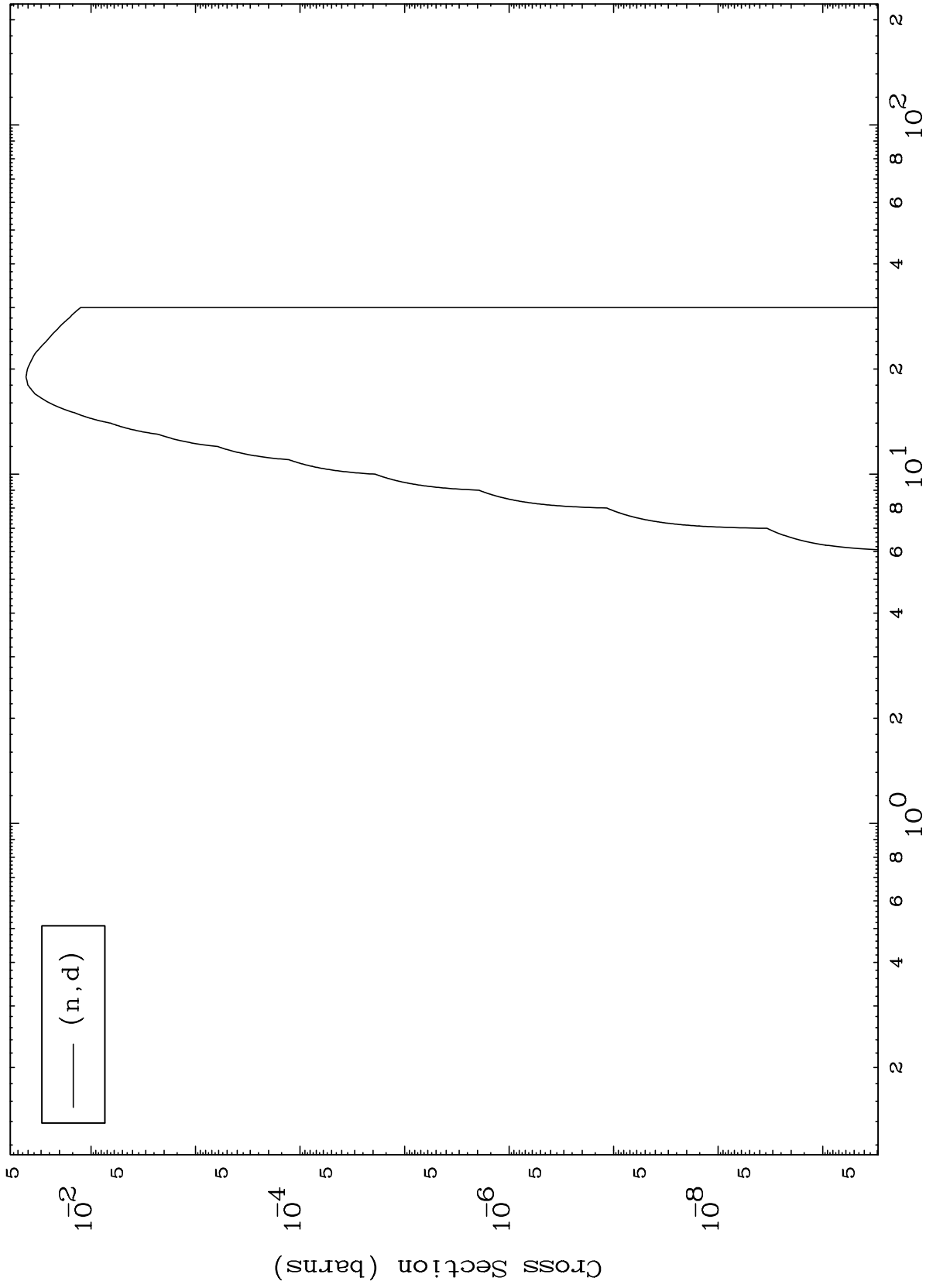
56-Ba-138



MAT 5649

(He-3,d) Levels  
0 Kelvin Cross Sections

56-Ba-138



8

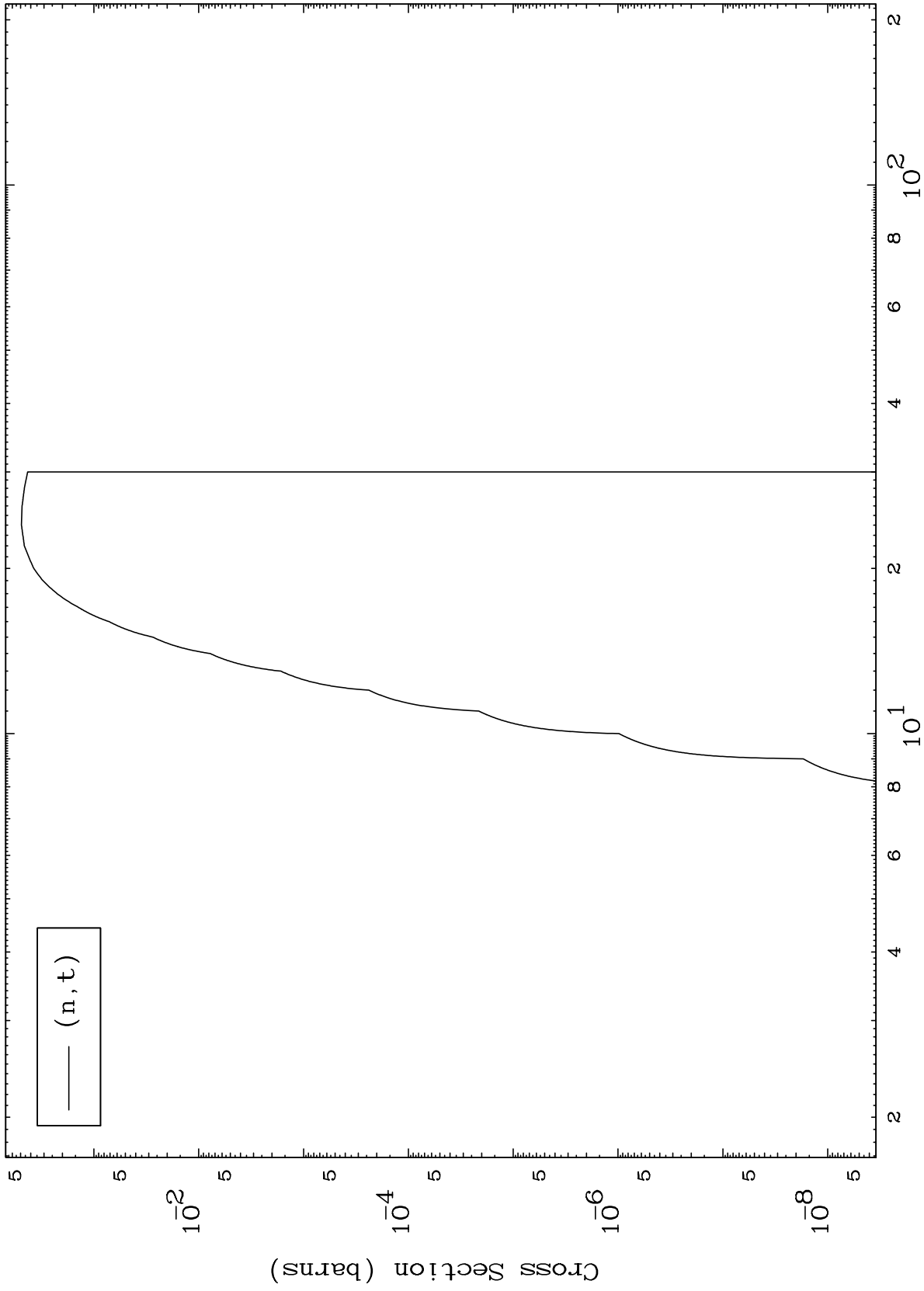
Incident Energy (MeV)

56-Ba-138

MAT 5649

(He-3,t) Levels  
0 Kelvin Cross Sections

56-Ba-138



9

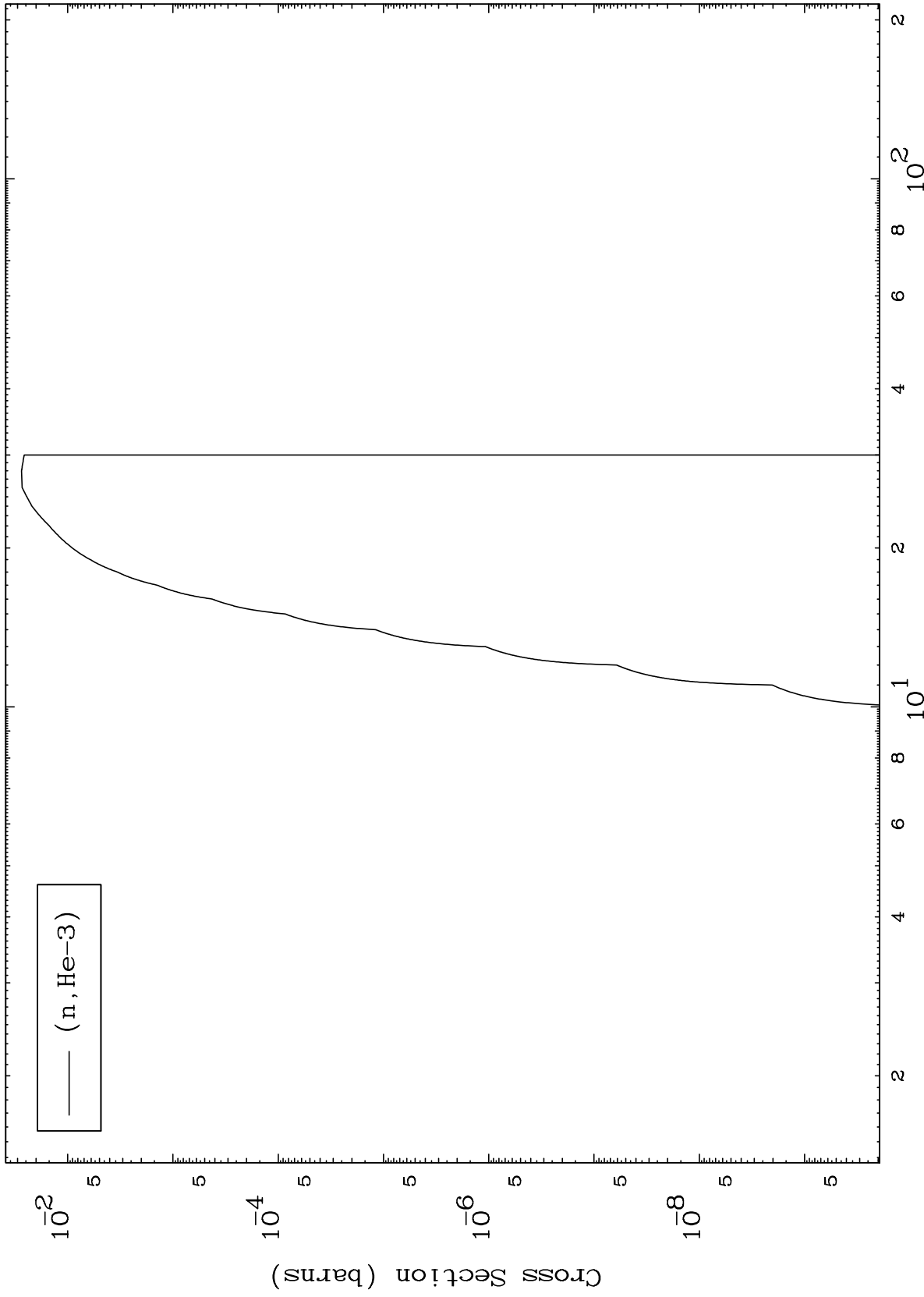
Incident Energy (MeV)

56-Ba-138

MAT 5649

(He-3, He3) Levels  
0 Kelvin Cross Sections

56-Ba-138



10

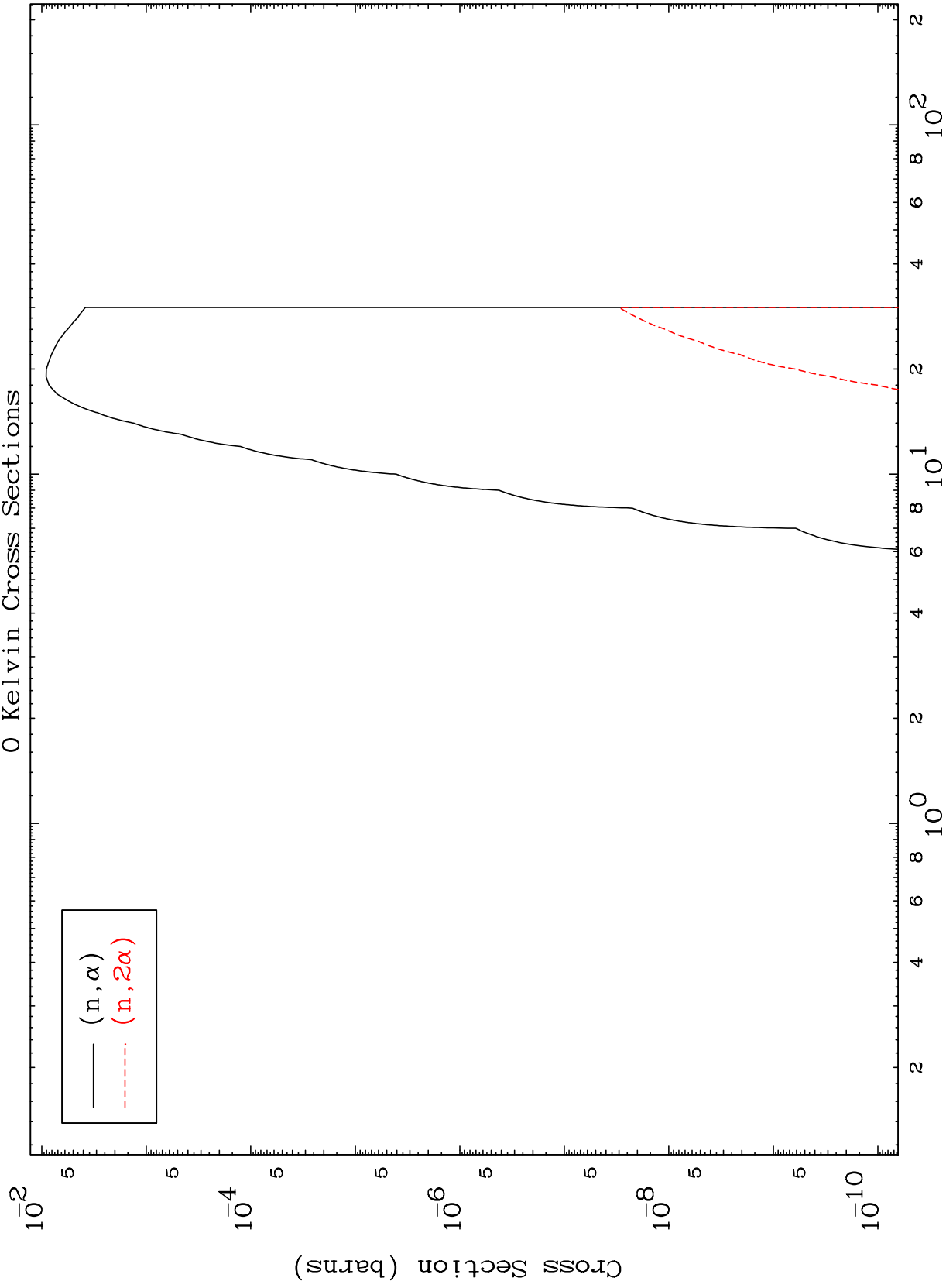
Incident Energy (MeV)

56-Ba-138

MAT 5649

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

56-Ba-138



11

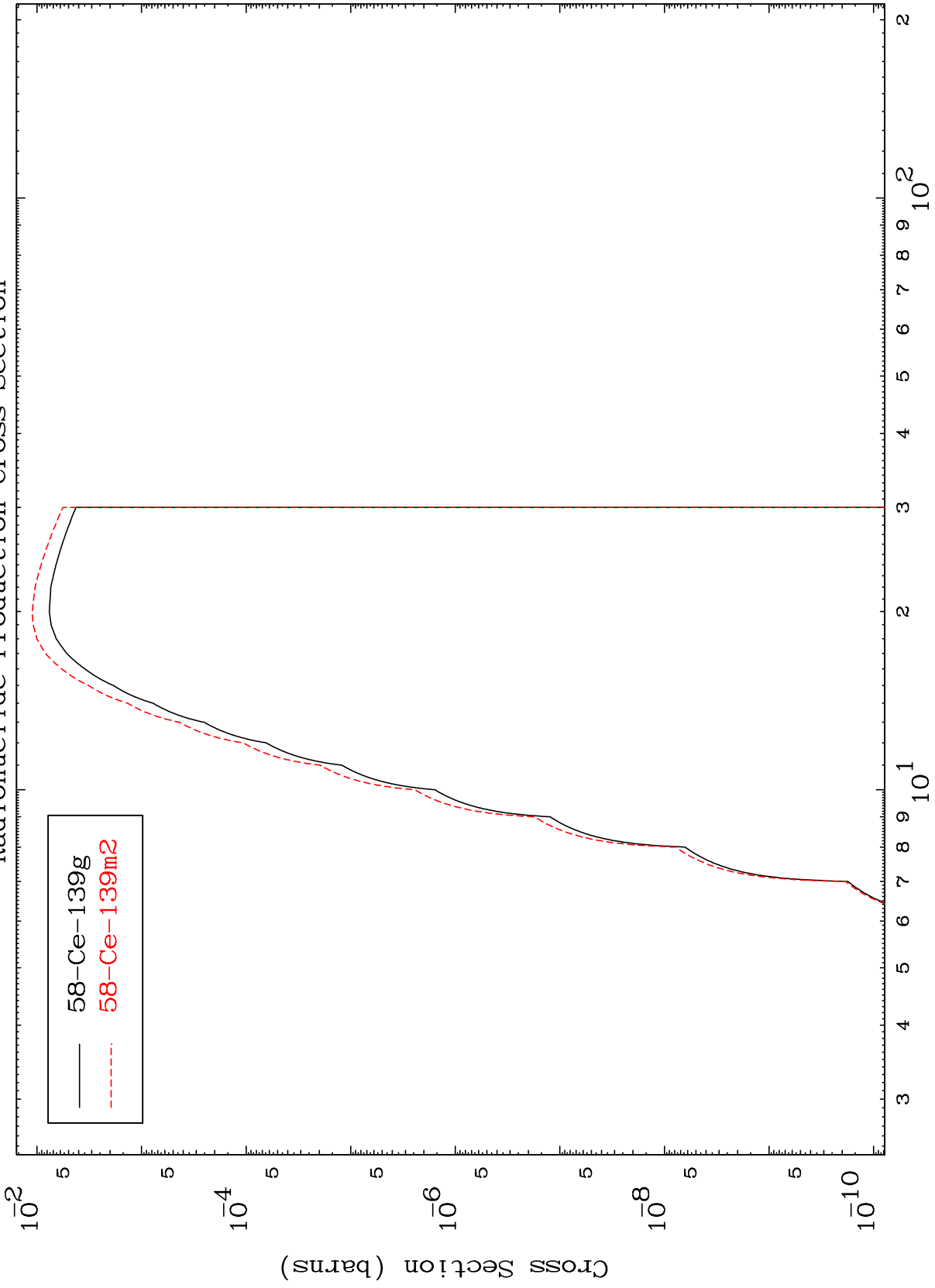
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

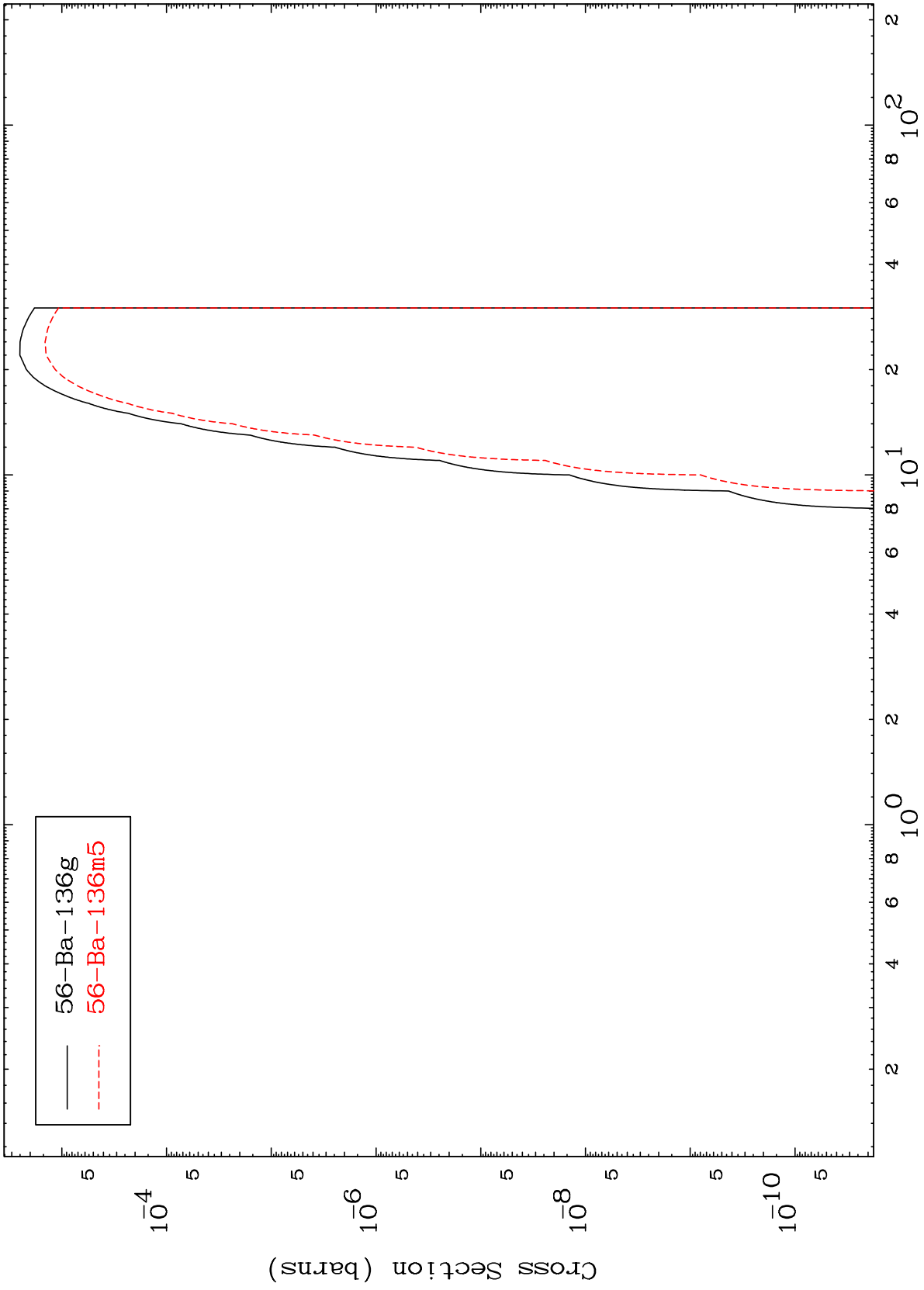
56-Ba-138

MAT 5649

(n,n')  $\alpha$

56-Ba-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

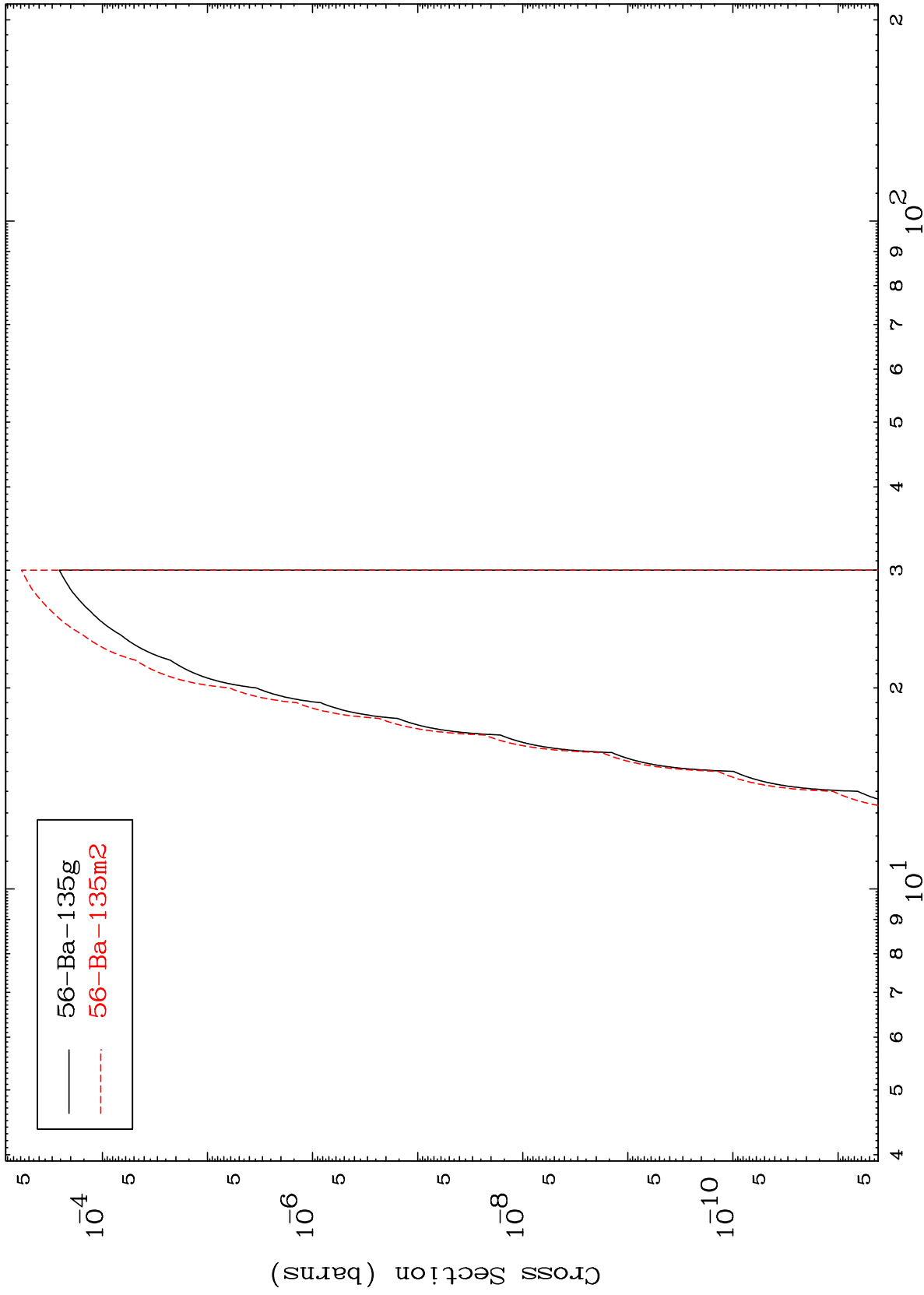
56-Ba-138

MAT 5649

(n,2n)  $\alpha$

56-Ba-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

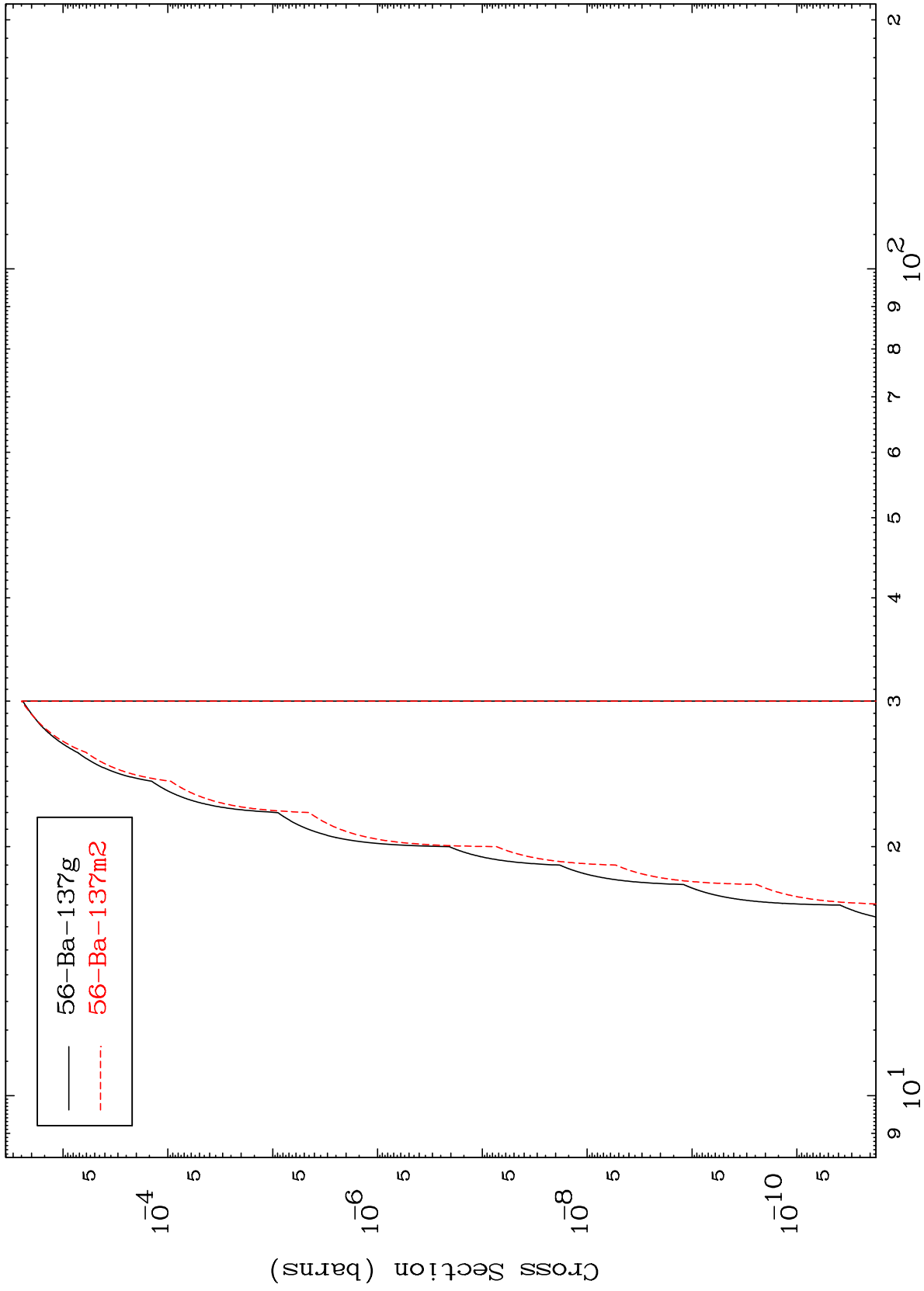
56-Ba-138

MAT 5649

(n, n') He-3

56-Ba-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

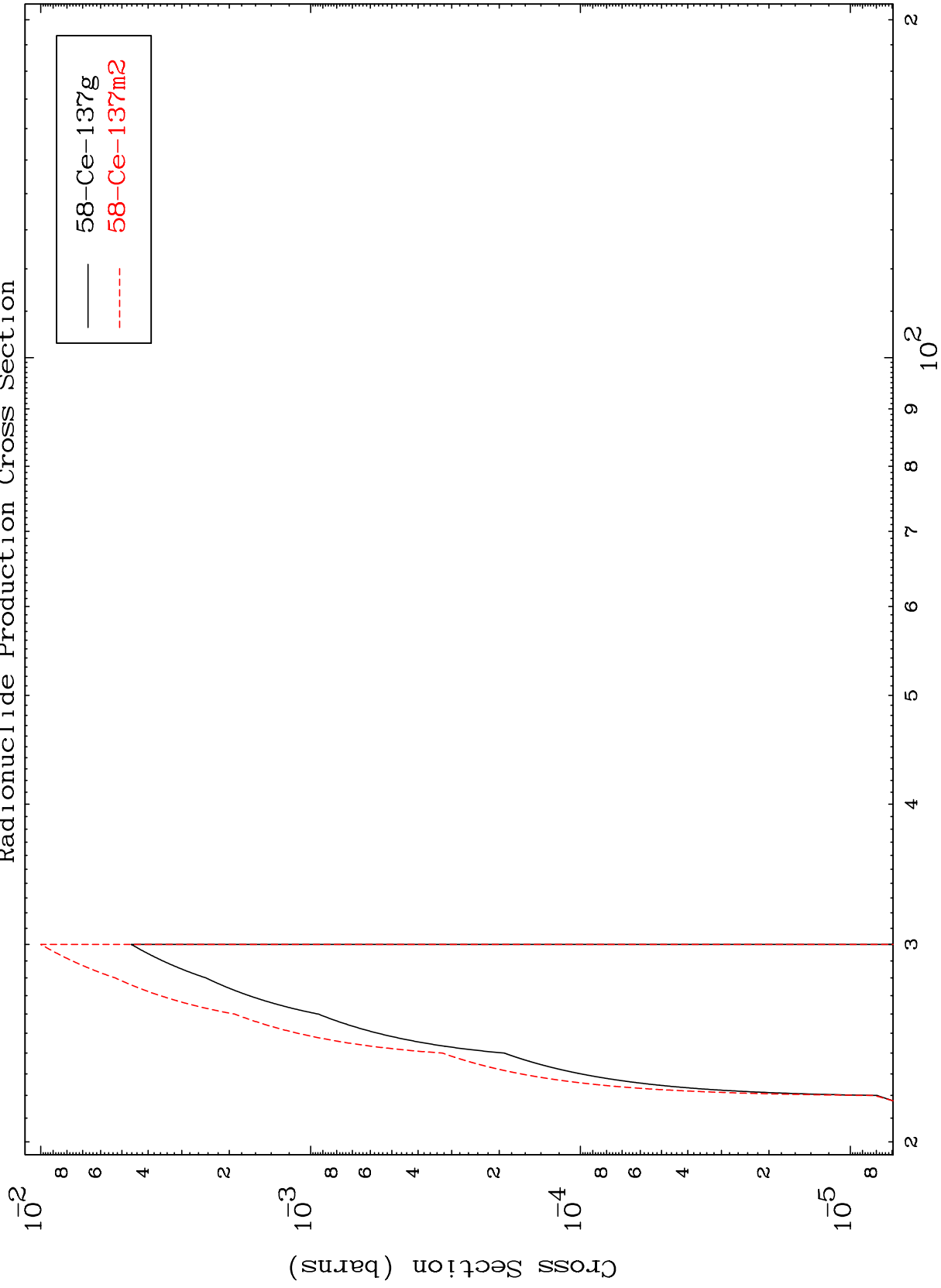
56-Ba-138



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56-Ba-138

(n,4n)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

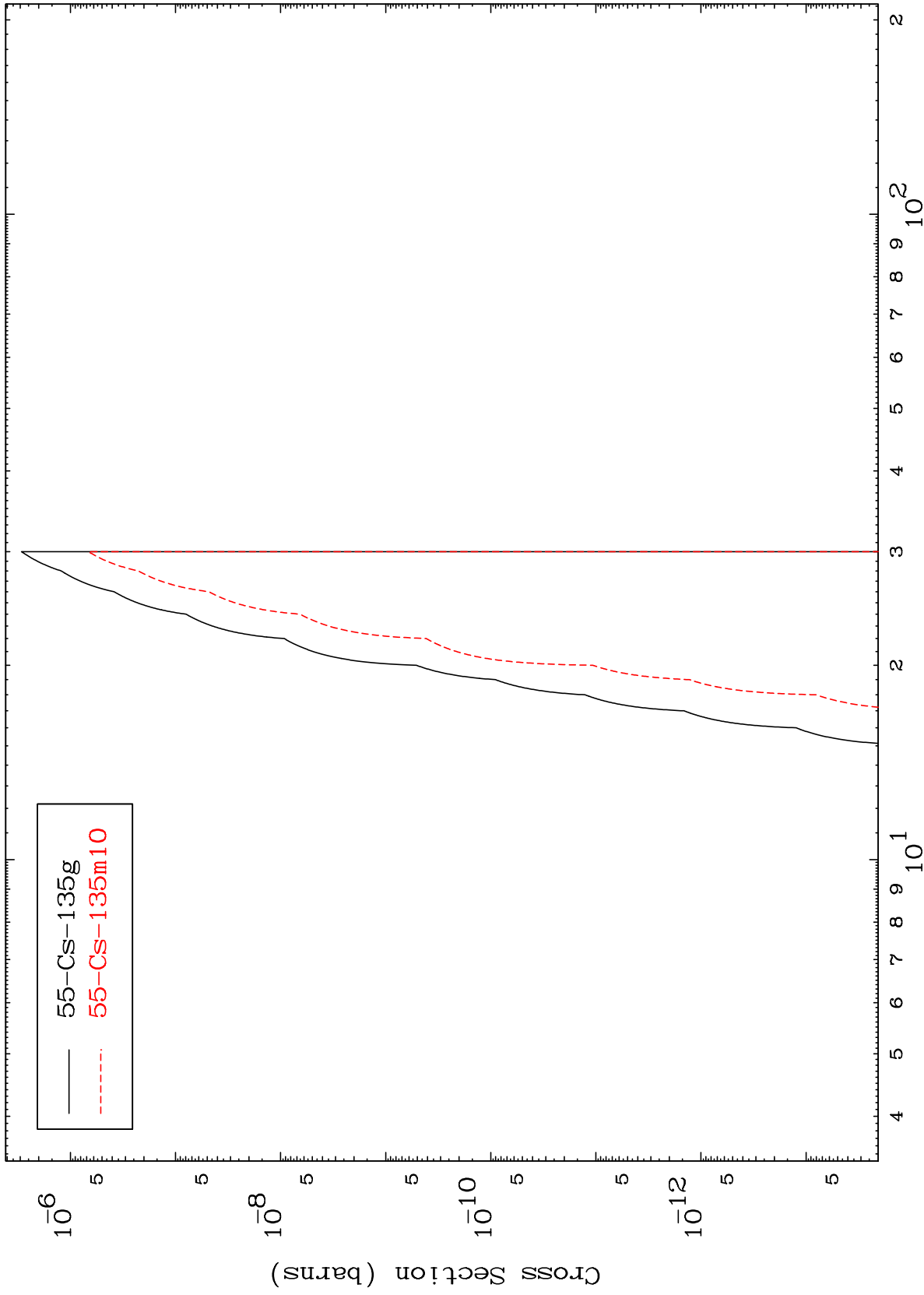
56-Ba-138

MAT 5649

(n,n') p  $\alpha$

56-Ba-138

Radionuclide Production Cross Section



17

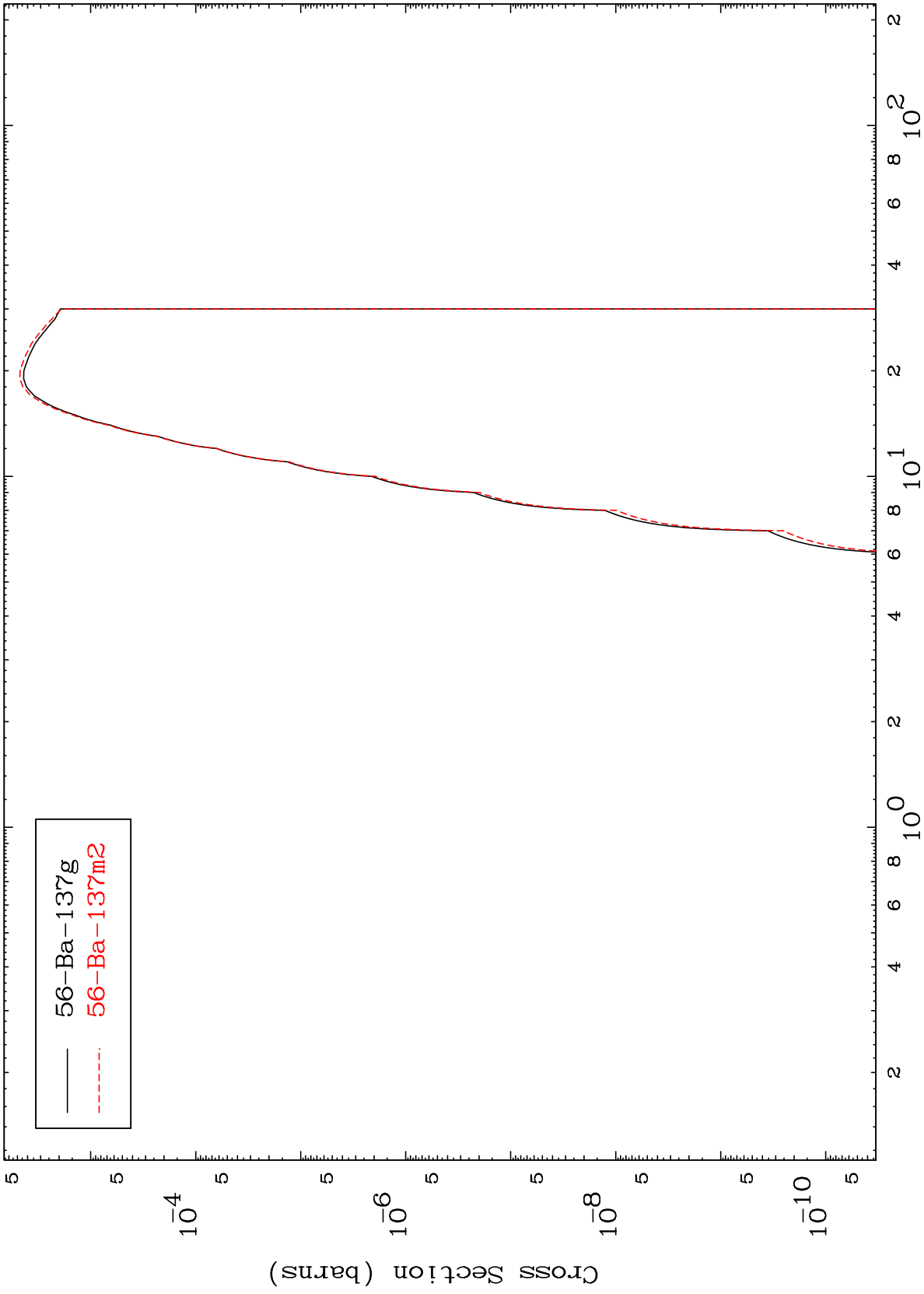
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

Radionuclide Production Cross Section



18

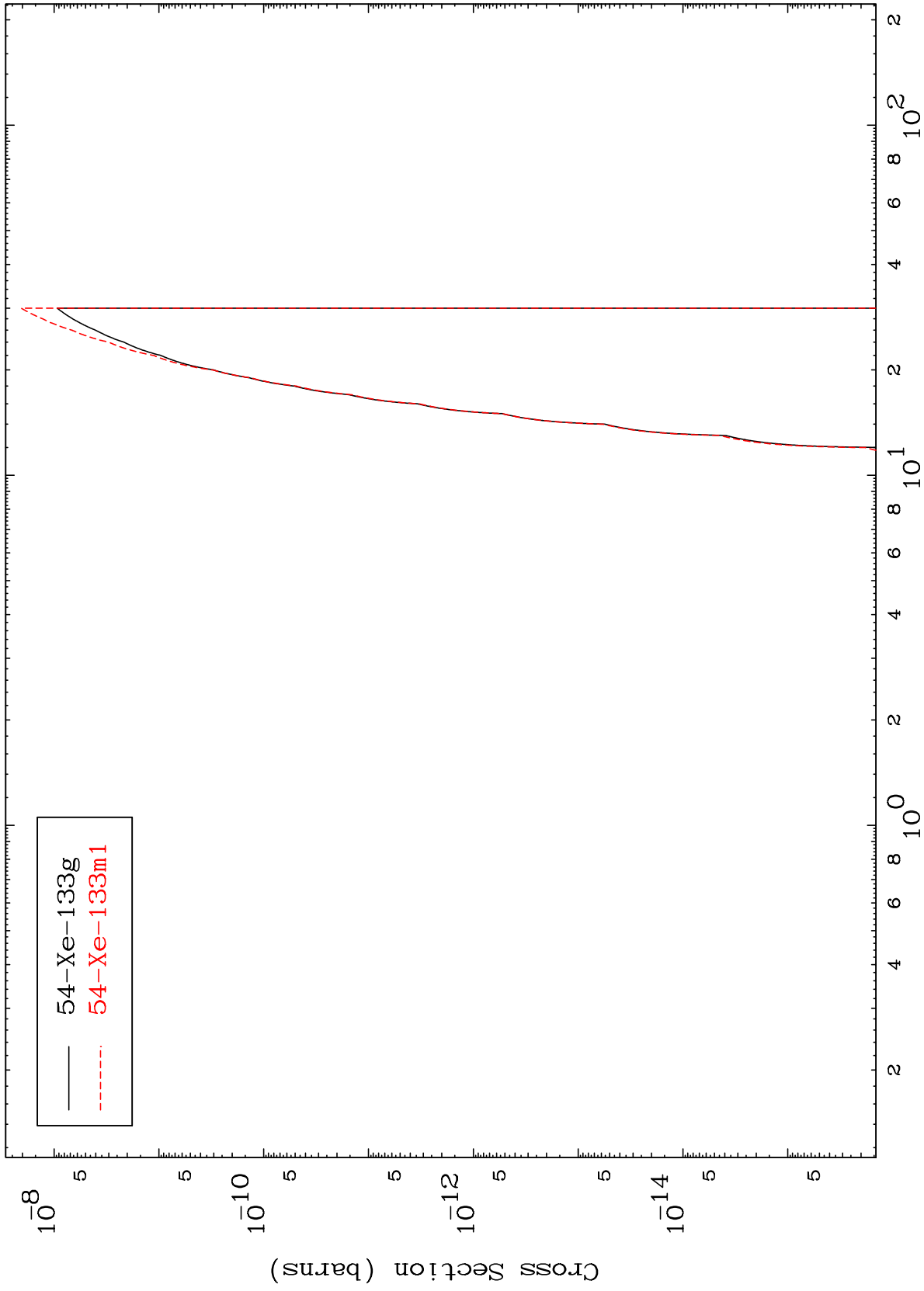
56-Ba-138

MAT 5649

(n,2α)

56-Ba-138

Radionuclide Production Cross Section

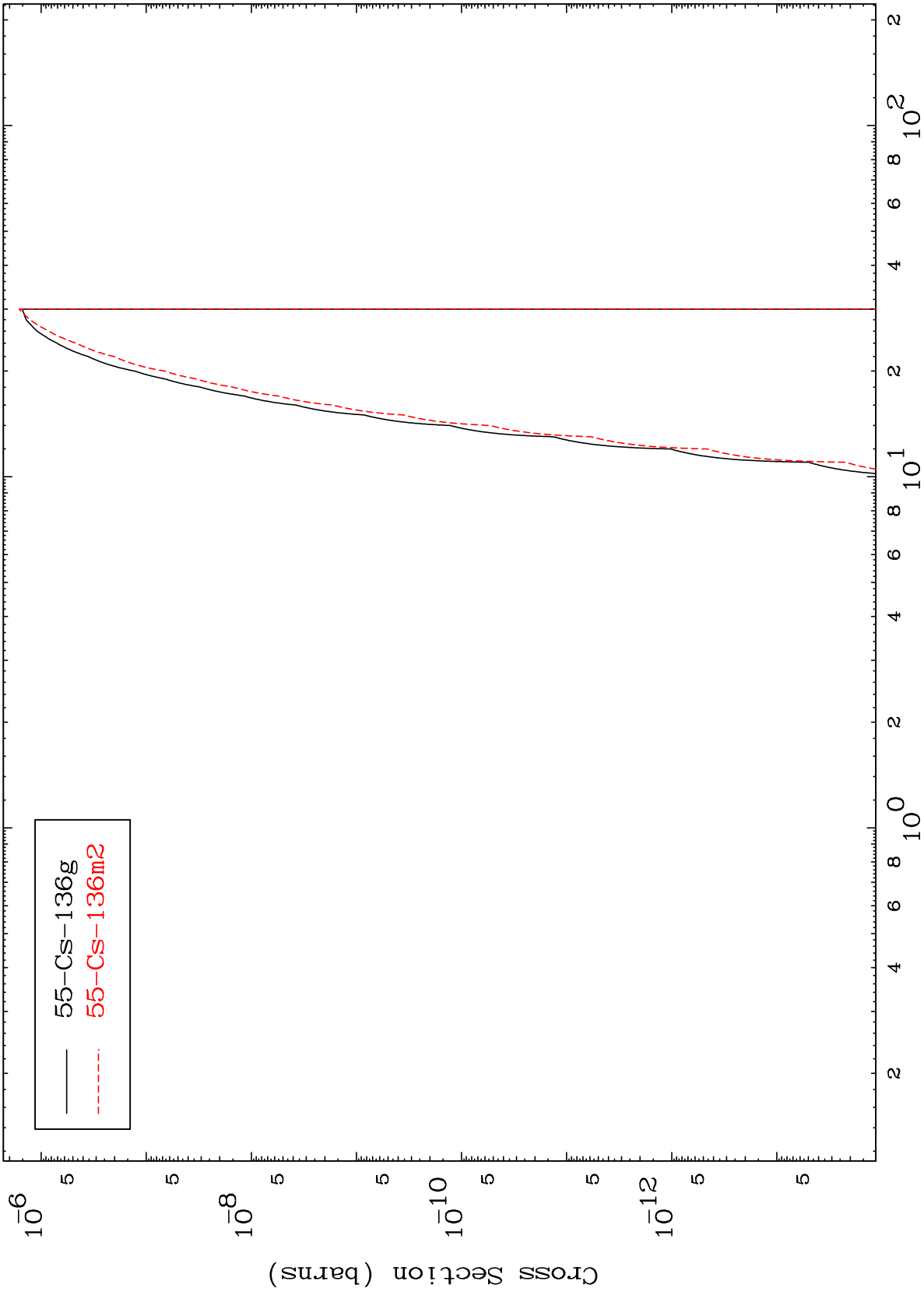


MAT 5649

(n,p)  $\alpha$

56-Ba-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

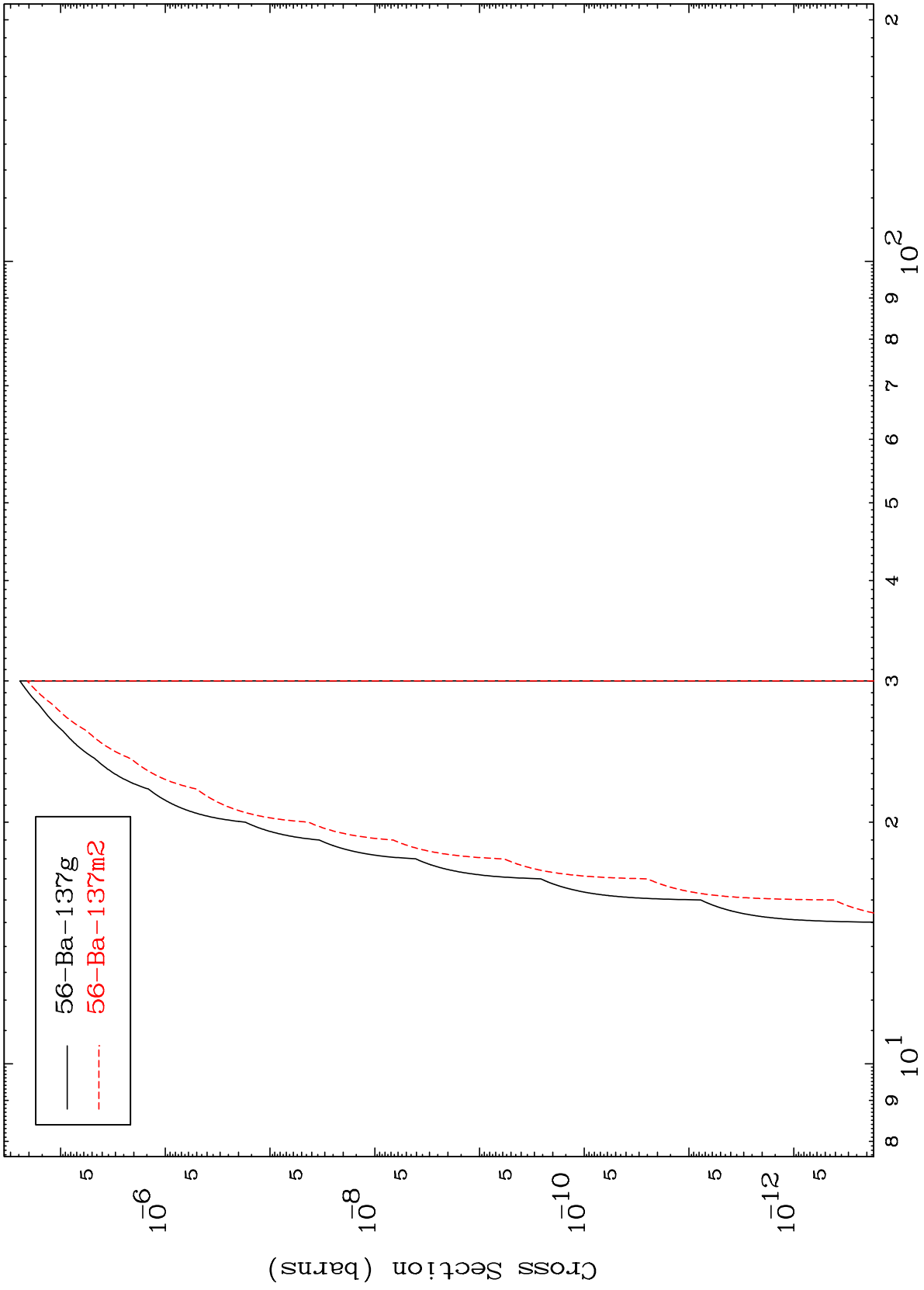
56-Ba-138

MAT 5649

(n,p) t

56-Ba-138

Radionuclide Production Cross Section



21

Incident Energy (MeV)

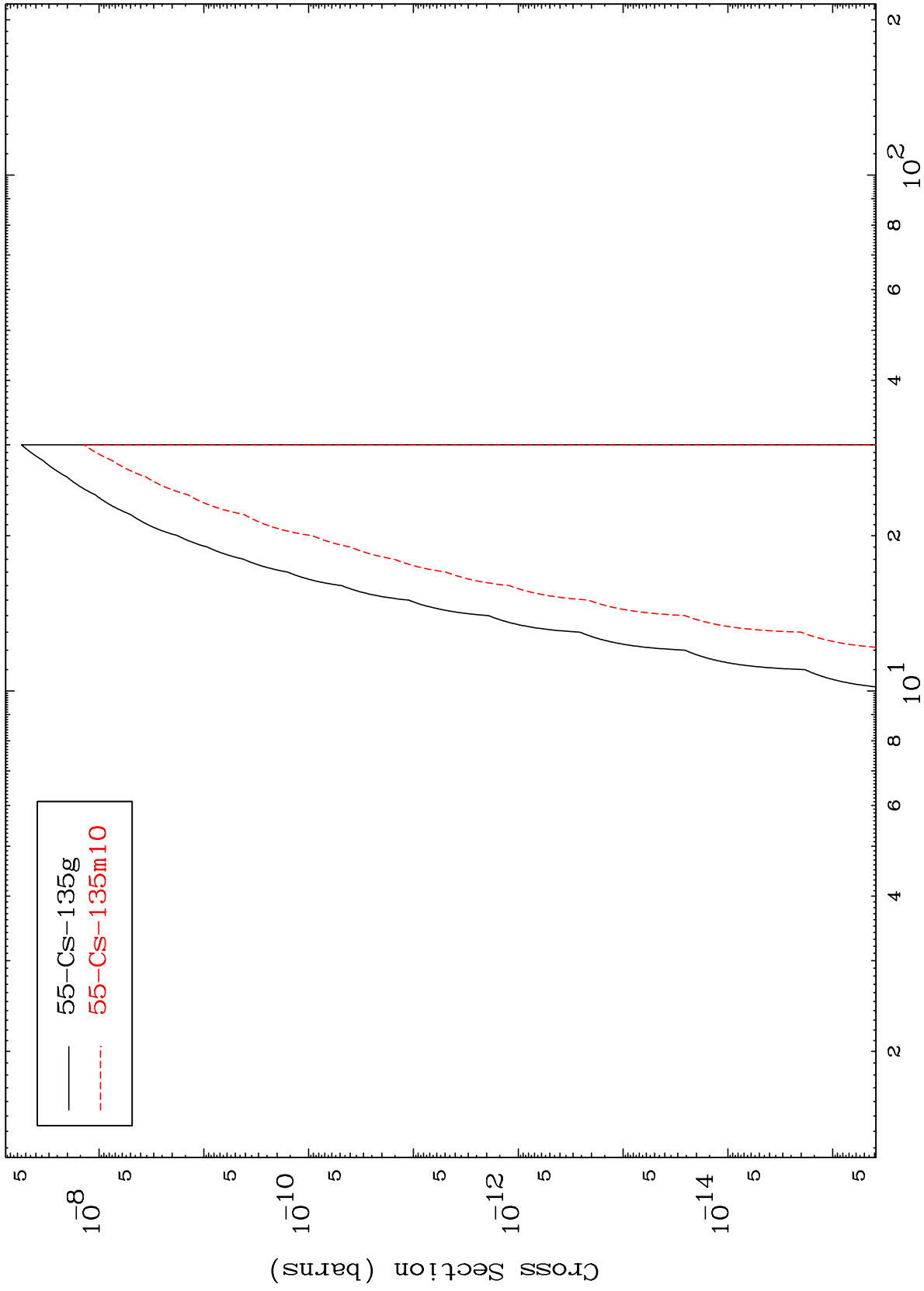
56-Ba-138

MAT 5649

(n,d)  $\alpha$

56-Ba-138

Radionuclide Production Cross Section



22

Incident Energy (MeV)

56-Ba-138