

Program EVALPLOT  
(Version 2021-1)

by

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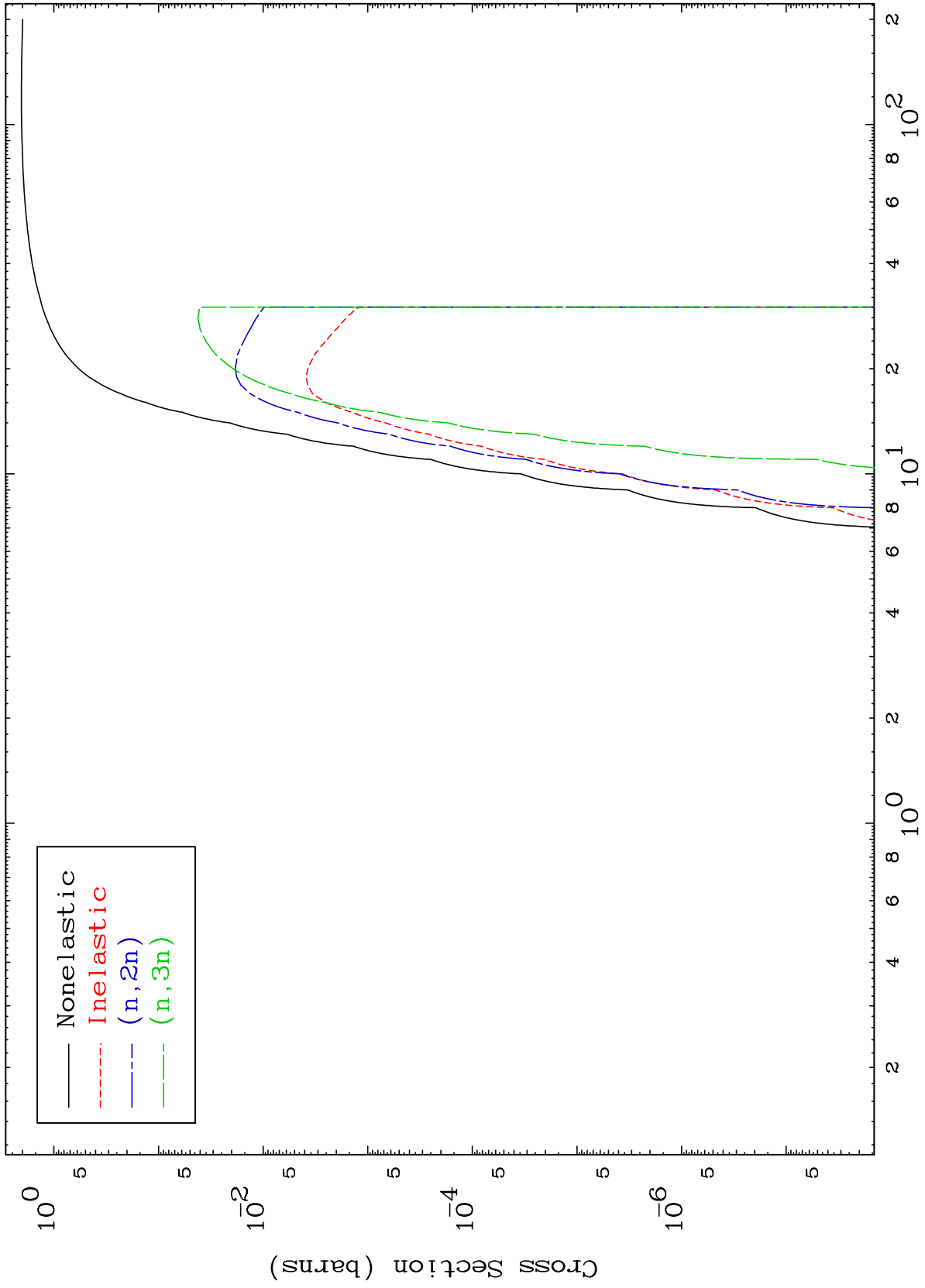
Press Mouse Button to Start

MAT 5649

He-3 Major

56-Ba-138

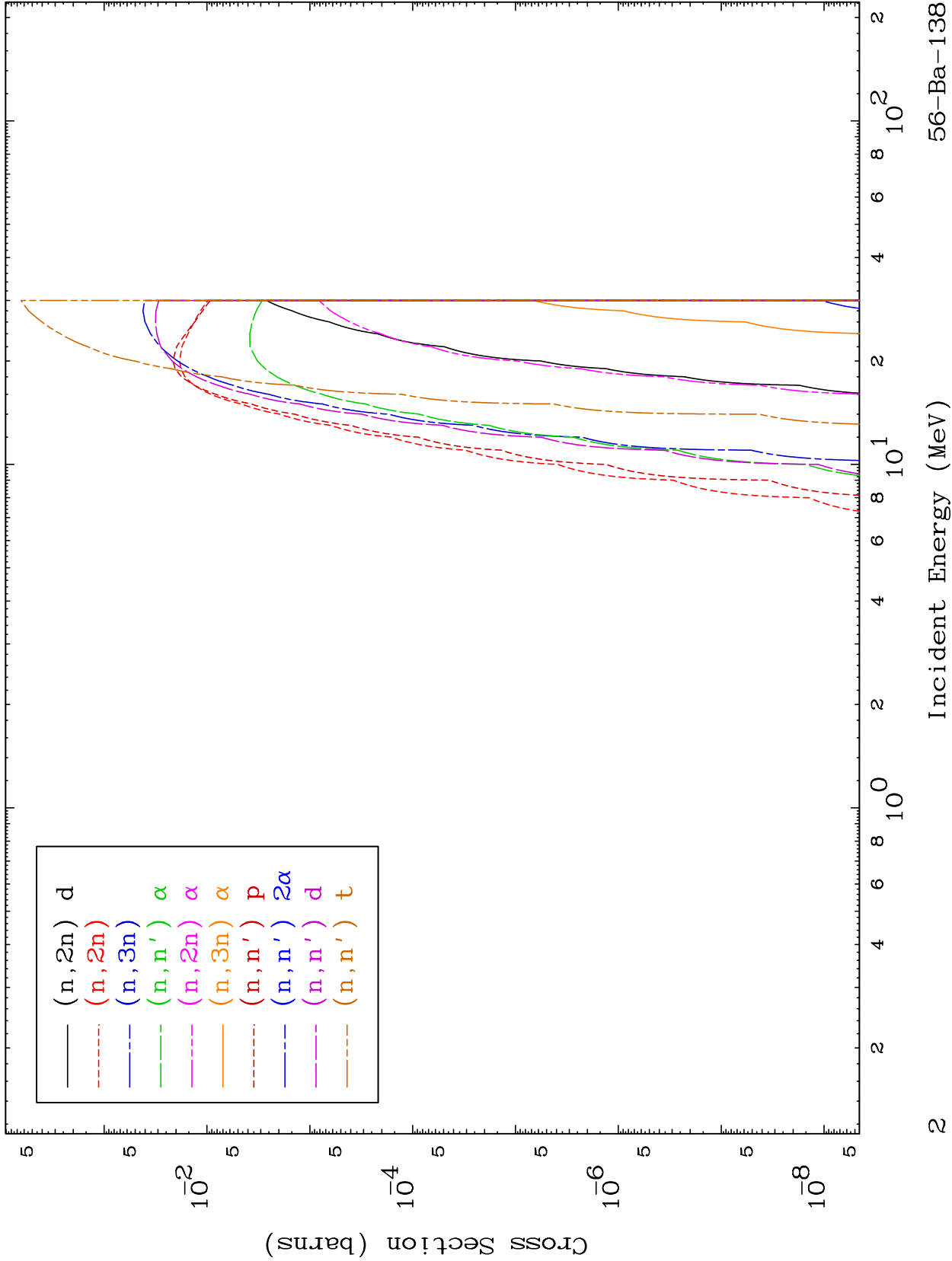
0 Kelvin Cross Sections



MAT 5649

He-3 Neutron Absorption  
0 Kelvin Cross Sections

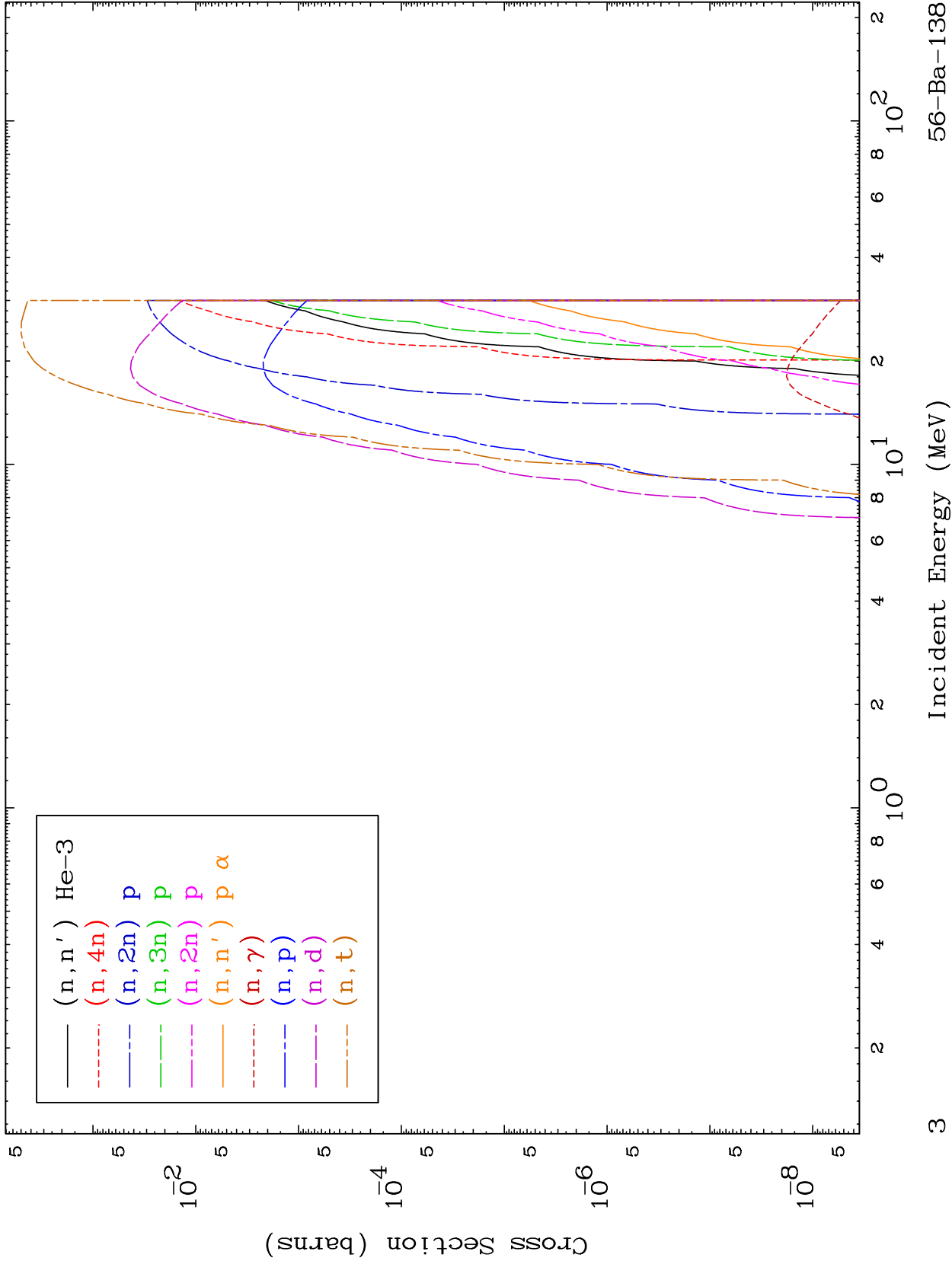
56-Ba-138



MAT 5649

He-3 Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-138



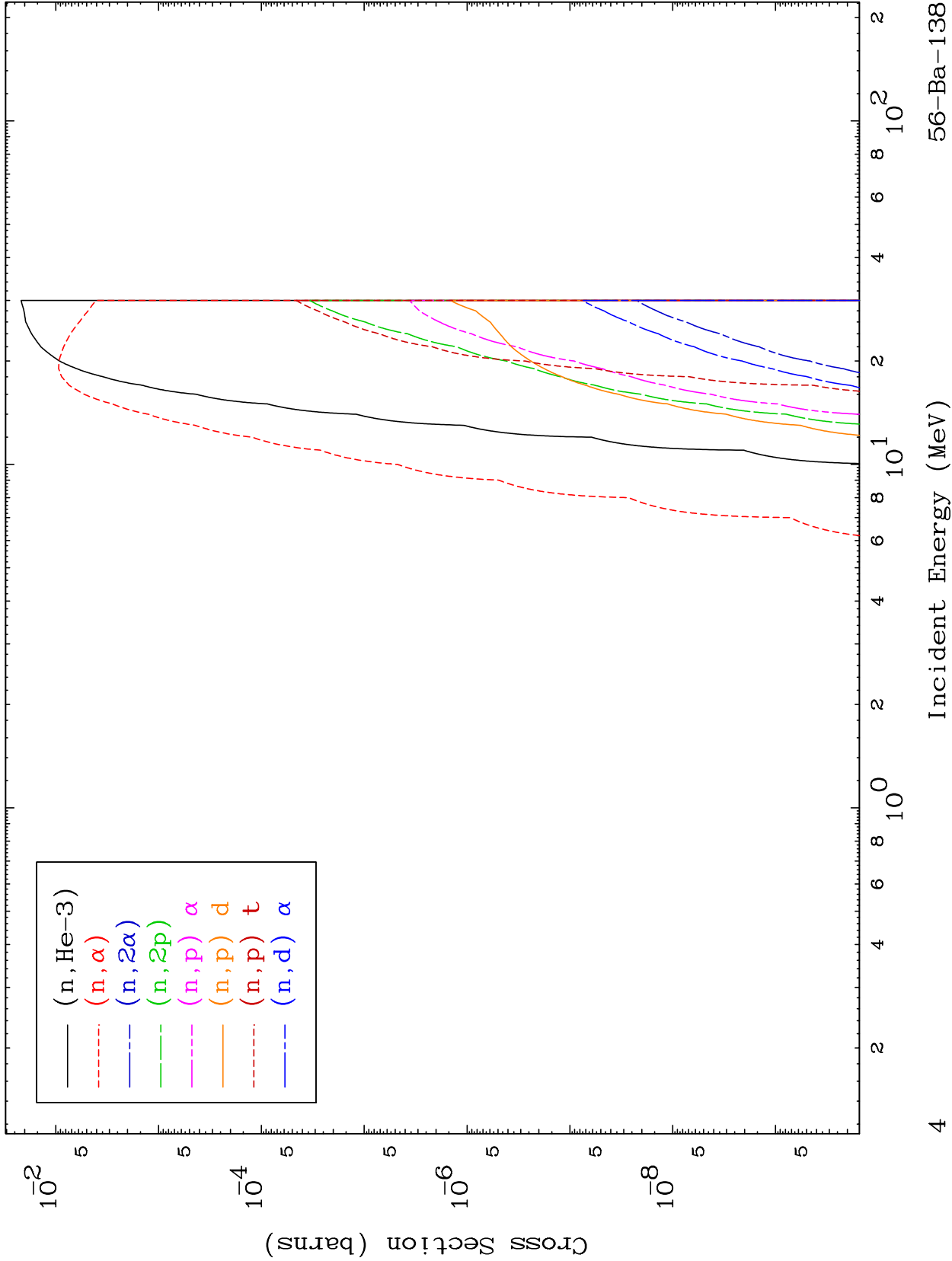
56-Ba-138

Incident Energy (MeV)

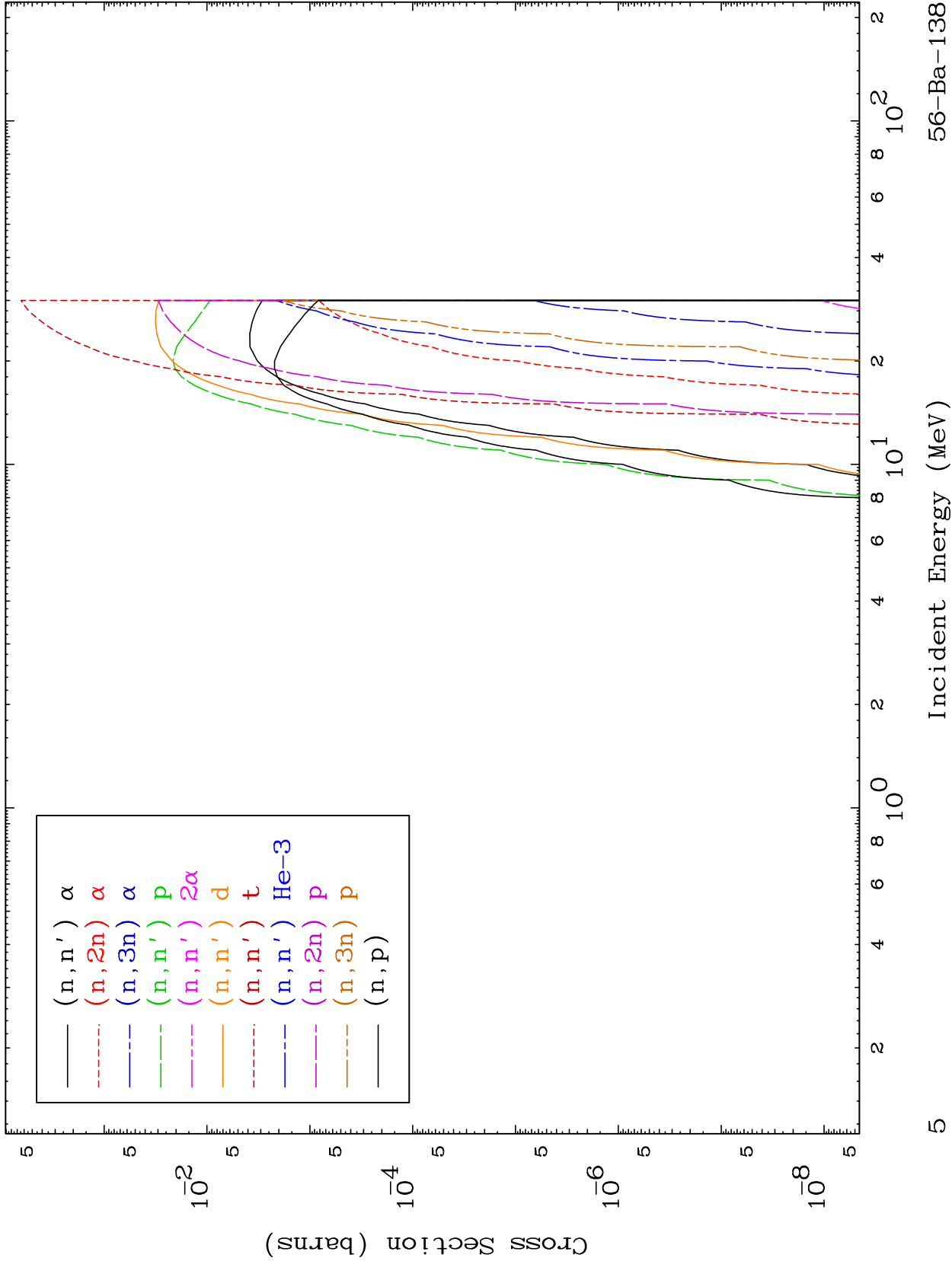
MAT 5649

He-3 Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-138



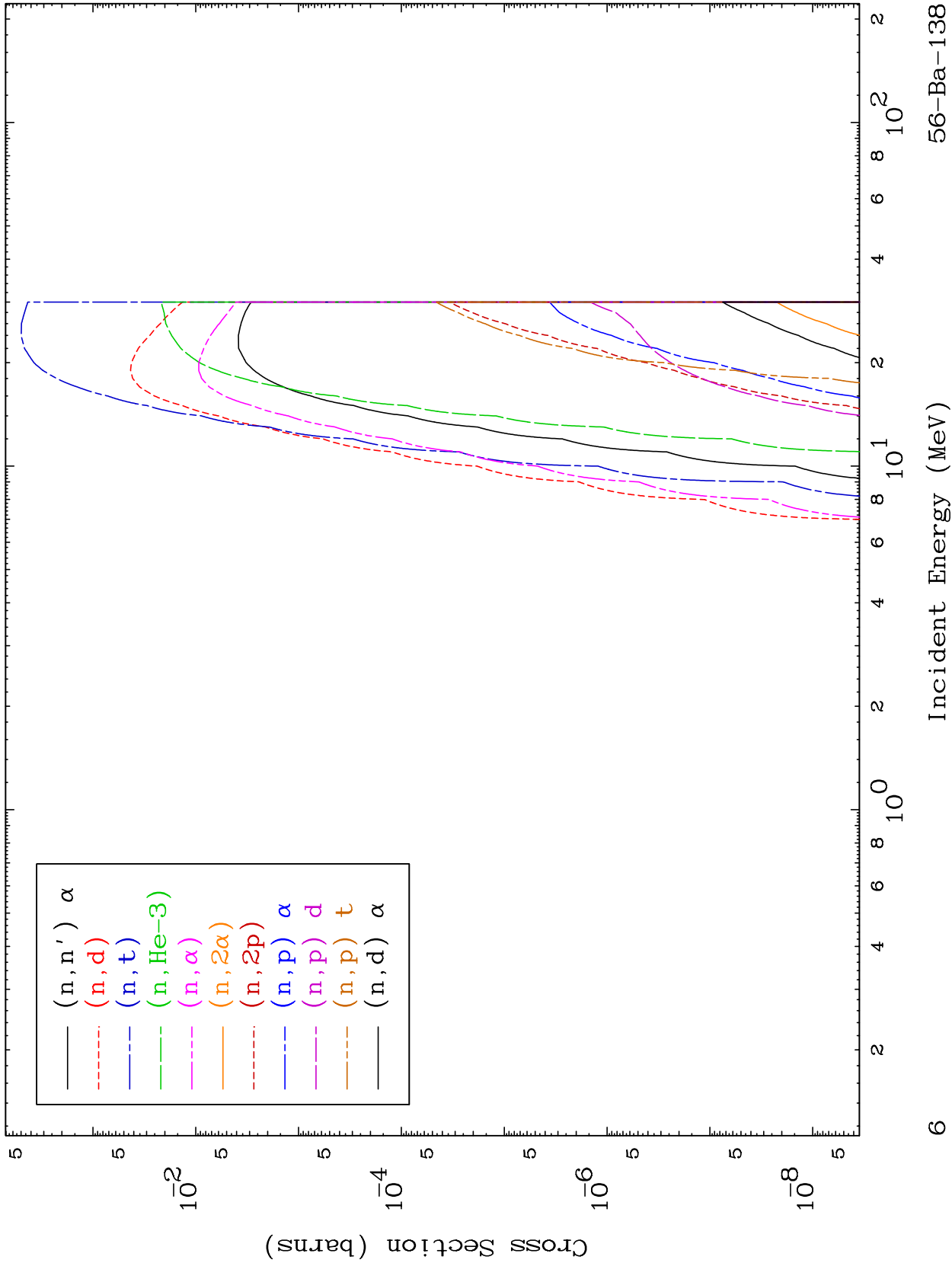
56-Ba-138



MAT 5649

He-3 Charged Particle  
0 Kelvin Cross Sections

56-Ba-138

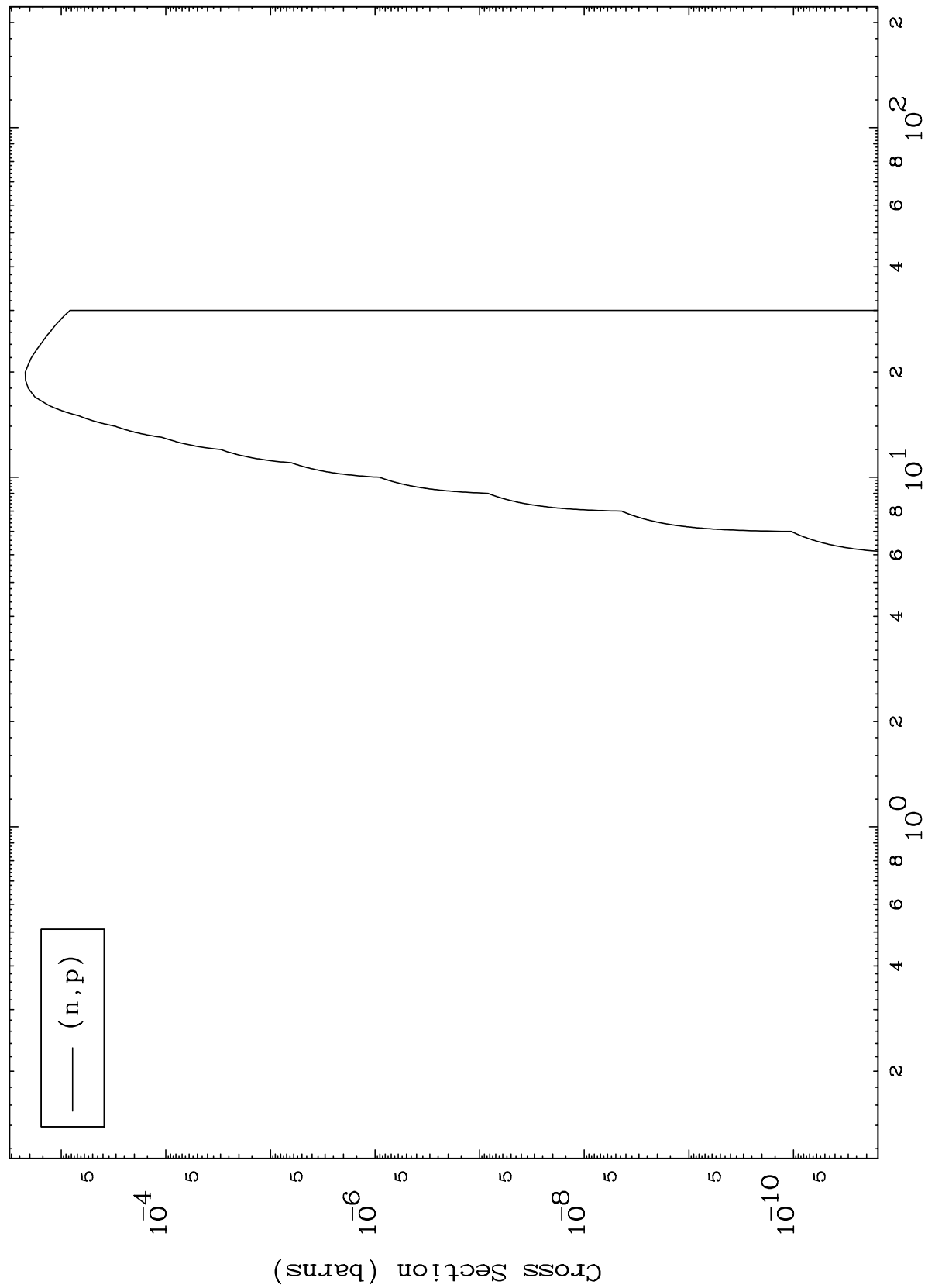


MAT 5649

(He-3,p) Levels

56-Ba-138

0 Kelvin Cross Sections

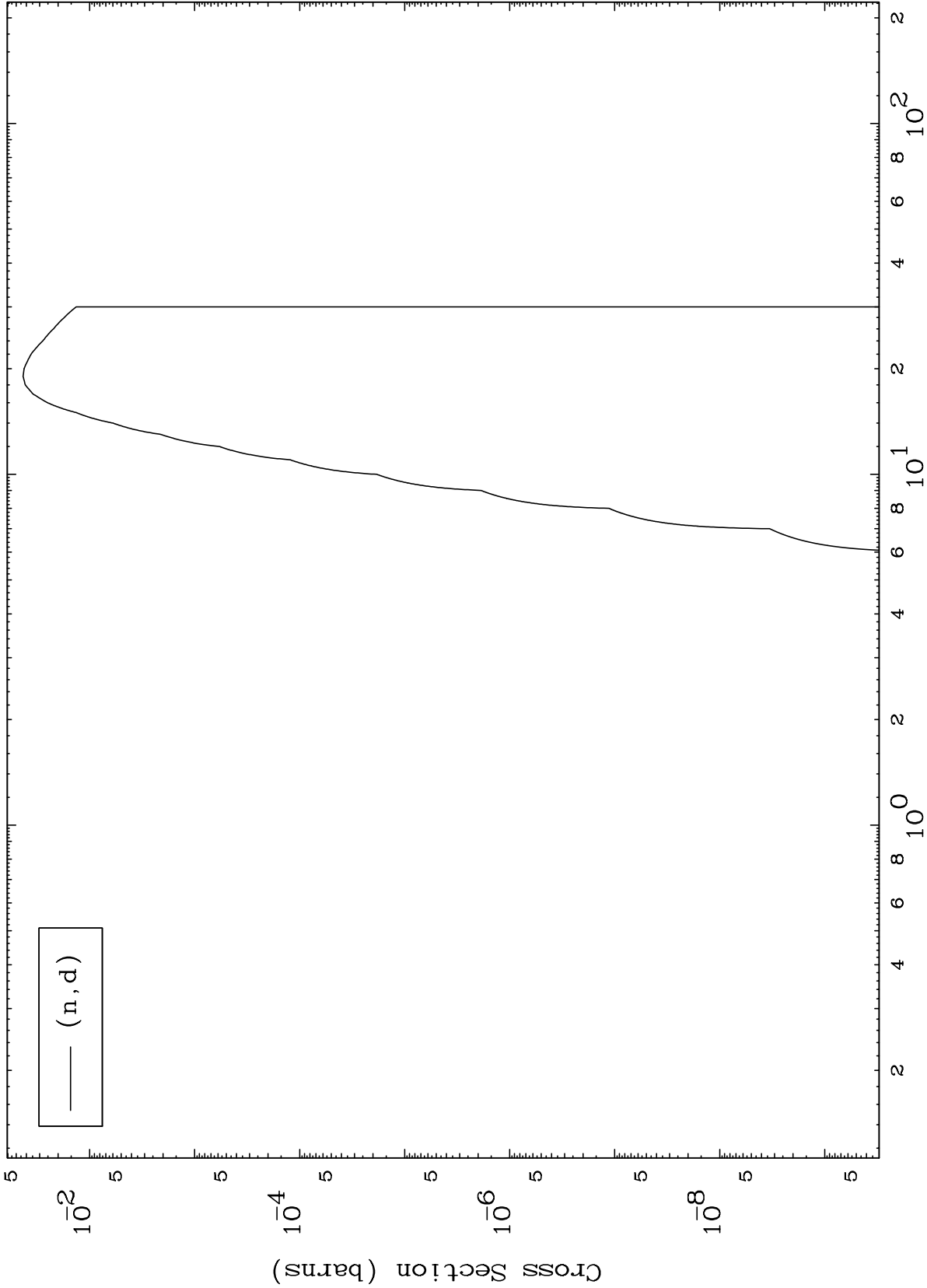


MAT 5649

(He-3,d) Levels

56-Ba-138

0 Kelvin Cross Sections

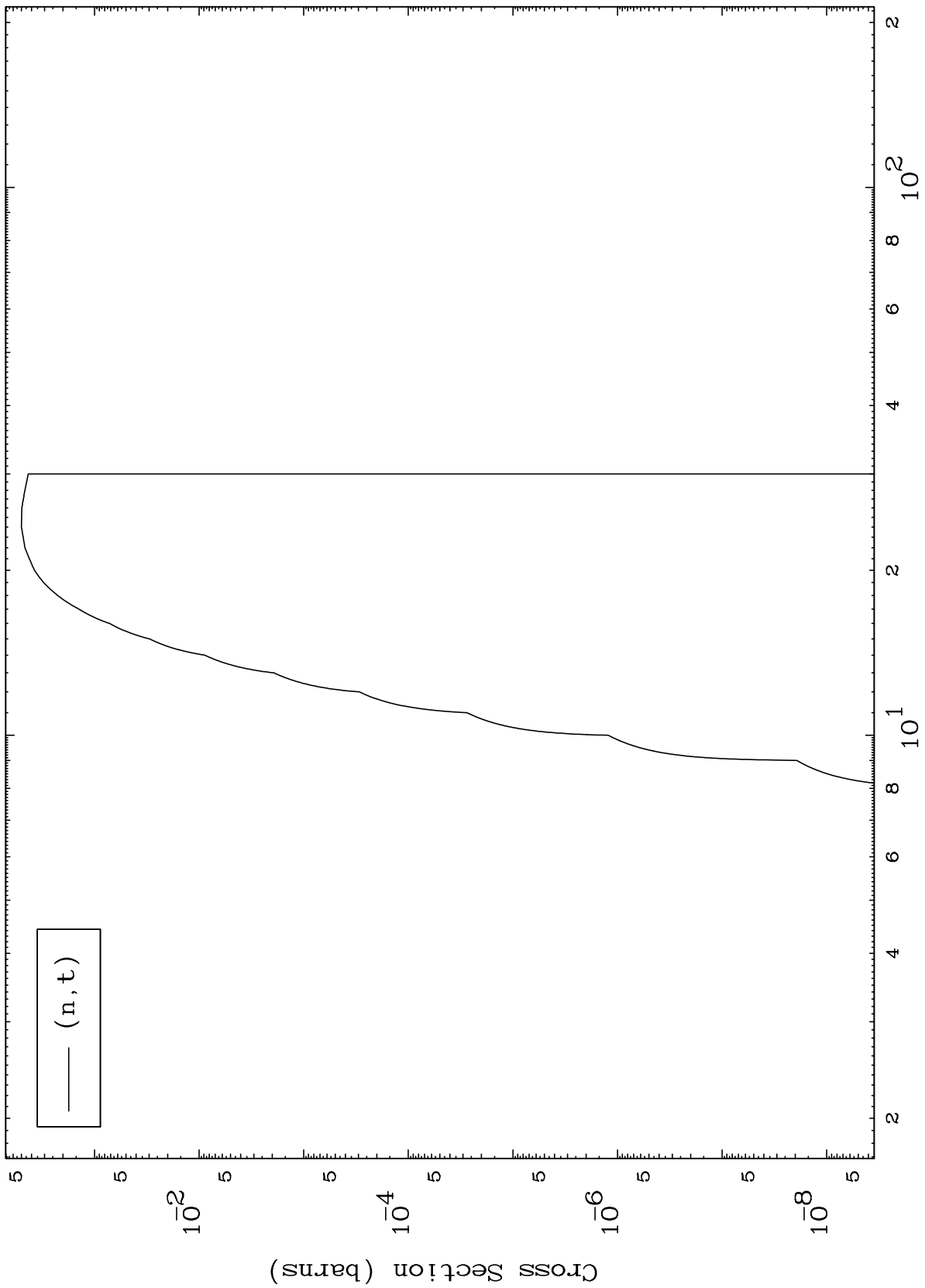


MAT 5649

(He-3,t) Levels

56-Ba-138

0 Kelvin Cross Sections



9

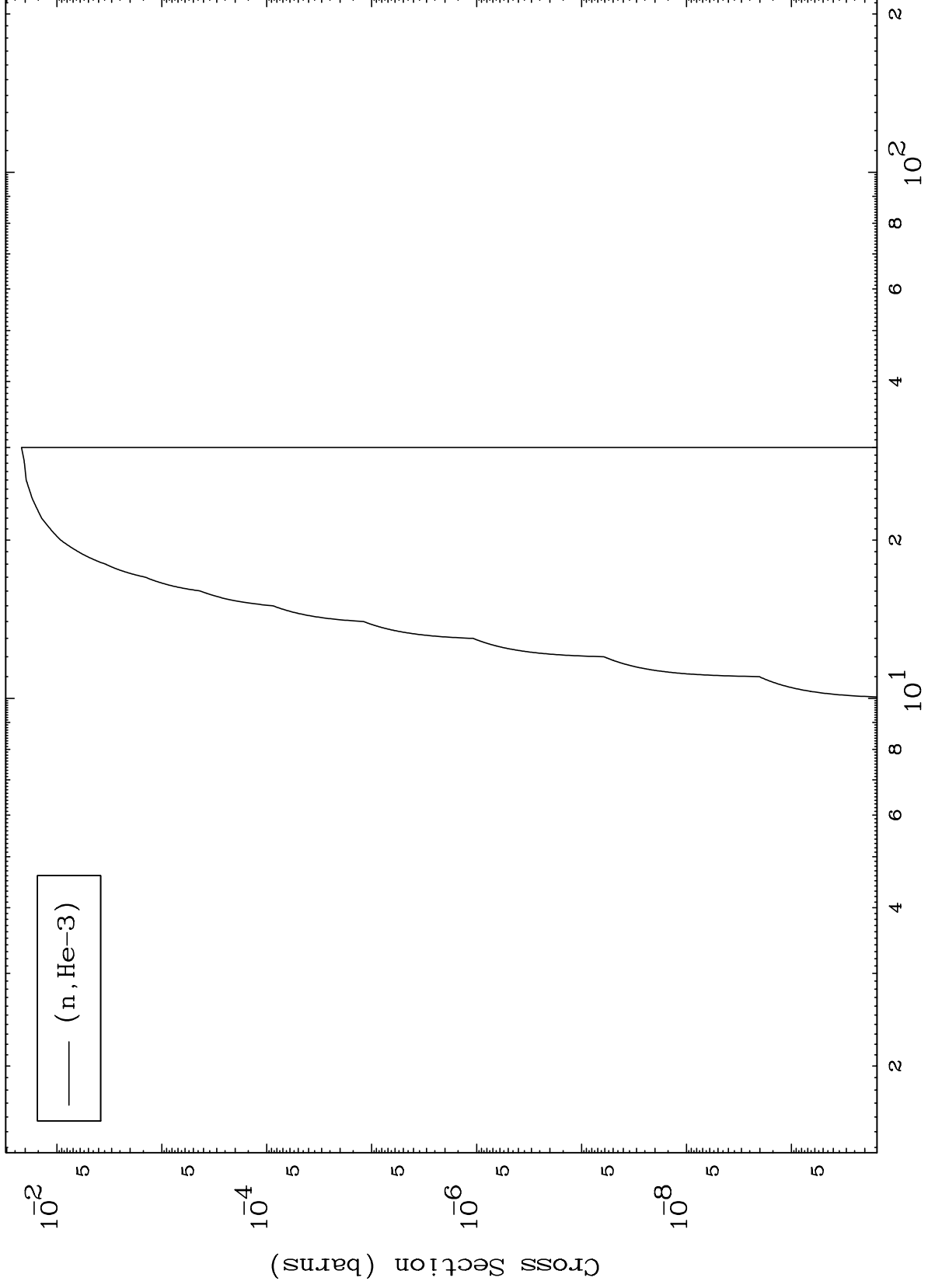
Incident Energy (MeV)

56-Ba-138

MAT 5649

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

56-Ba-138



10

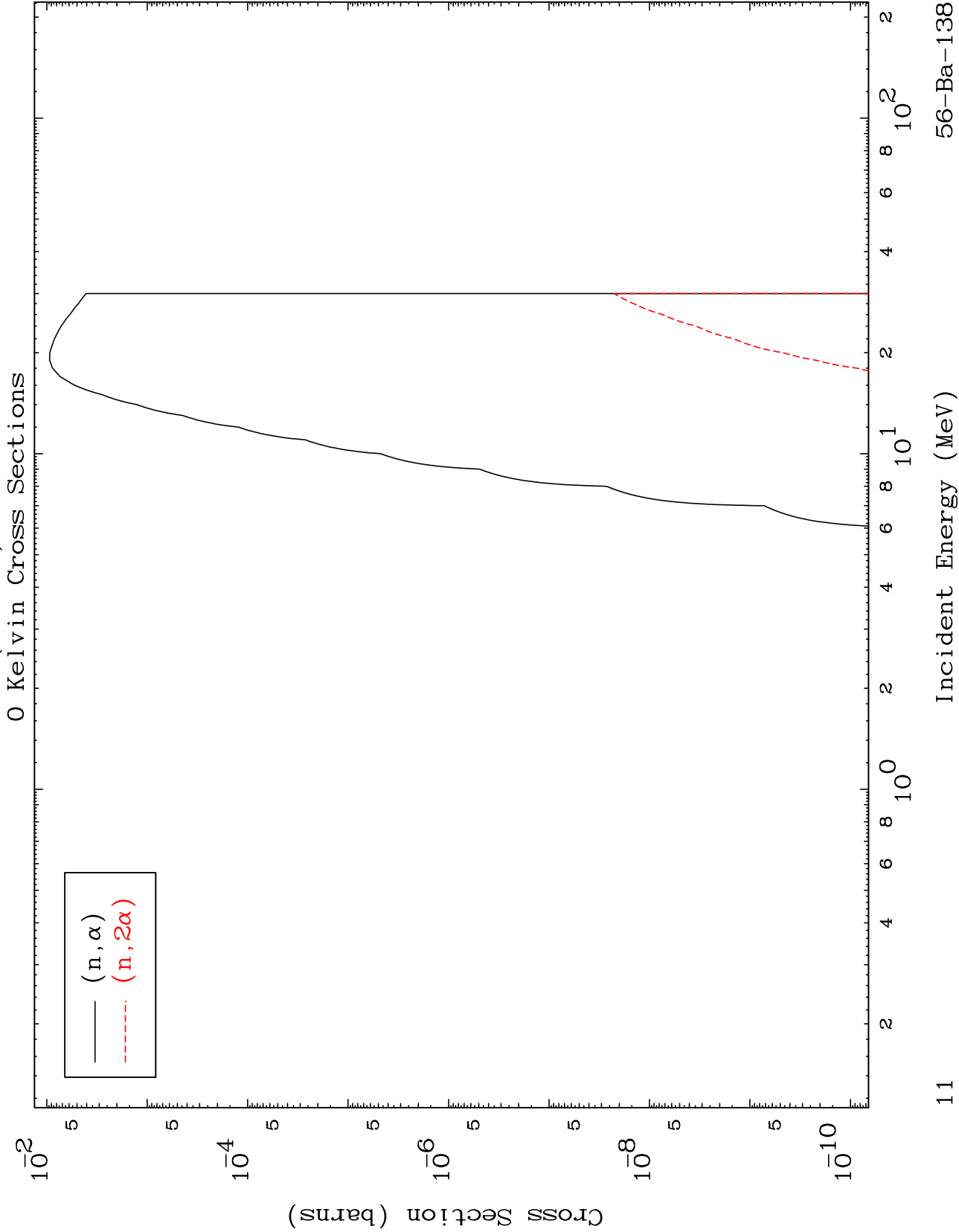
Incident Energy (MeV)

56-Ba-138

MAT 5649

(He-3,  $\alpha$ ) Levels

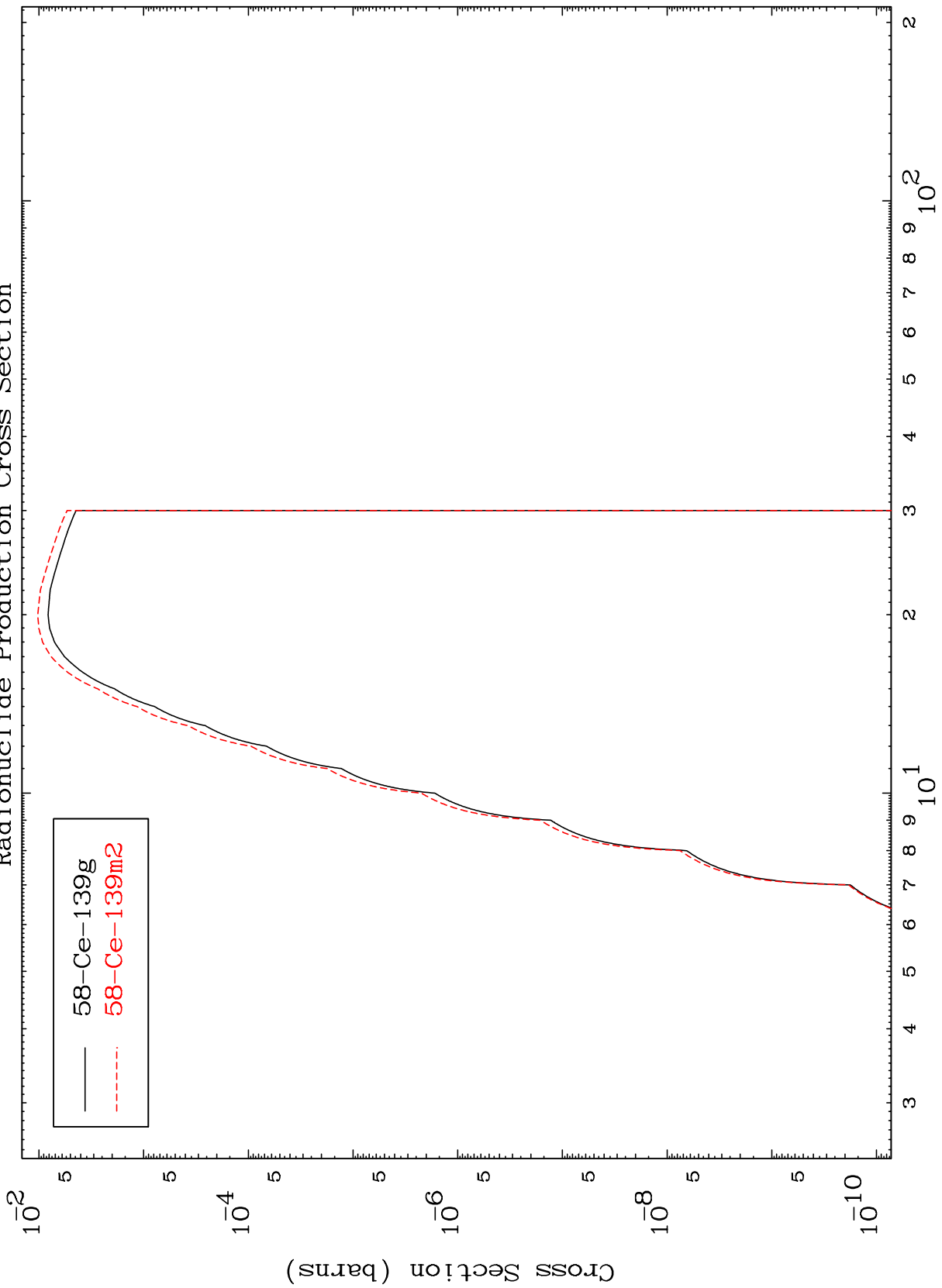
56-Ba-138



MAT 5649

56-Ba-138

(n,2n)  
Radionuclide Production Cross Section



56-Ba-138

Incident Energy (MeV)

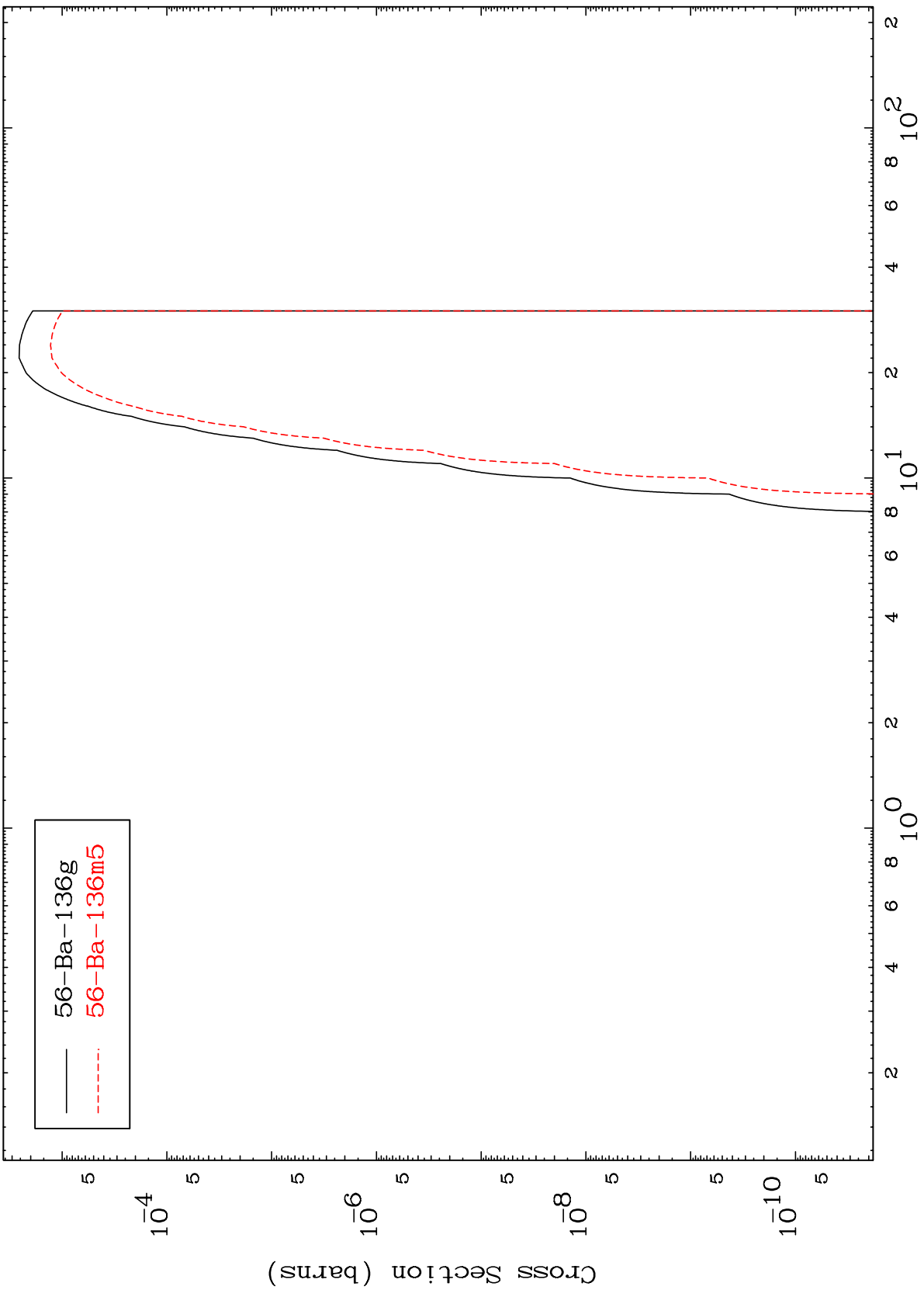
12

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$(n, n') \alpha$

56-Ba-138

Radionuclide Production Cross Section



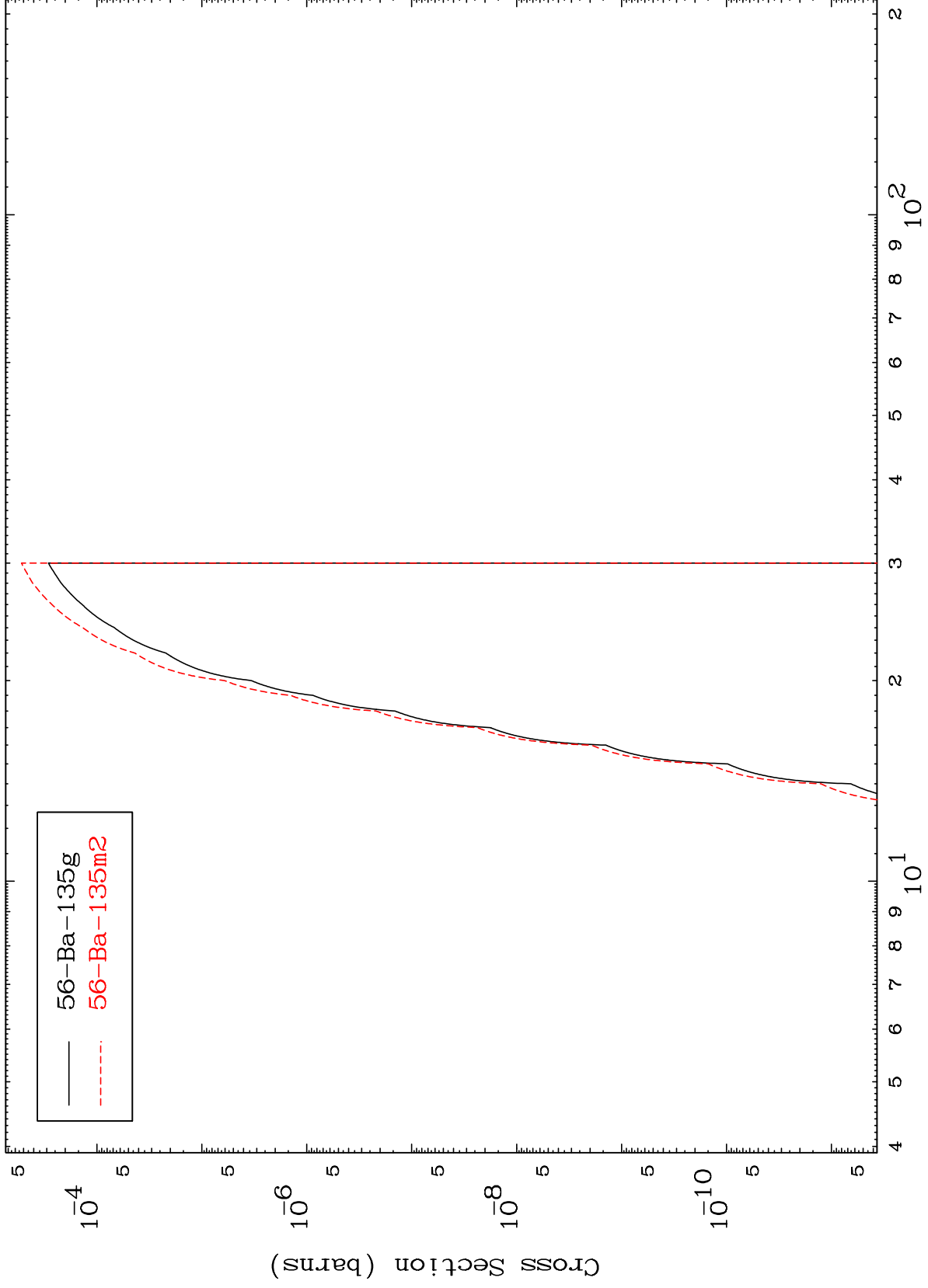
56-Ba-136g  
56-Ba-136m5

MAT 5649

$(n,2n) \alpha$

56-Ba-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

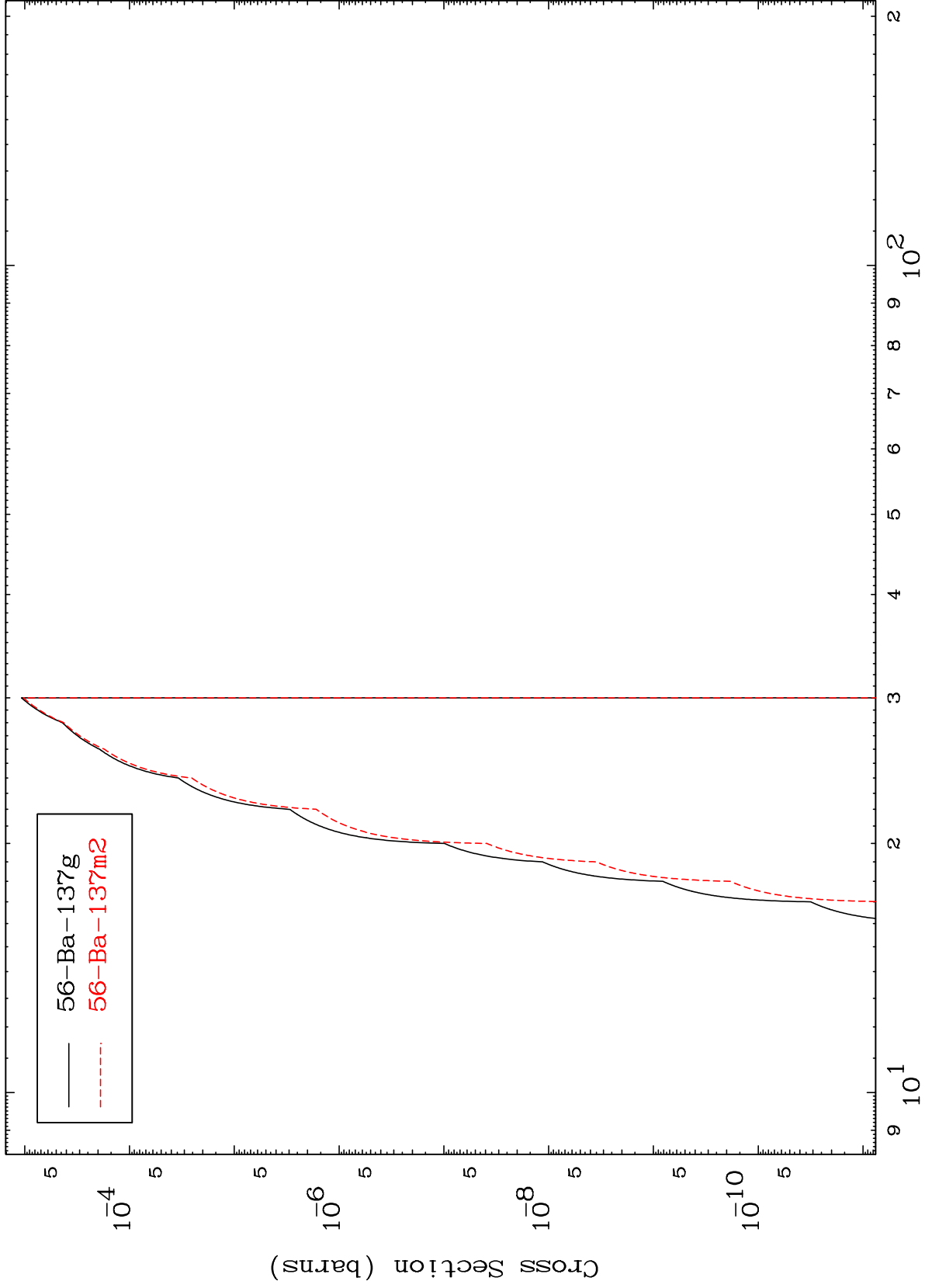
56-Ba-138

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(n,n') He-3

56-Ba-138

Radionuclide Production Cross Section



15

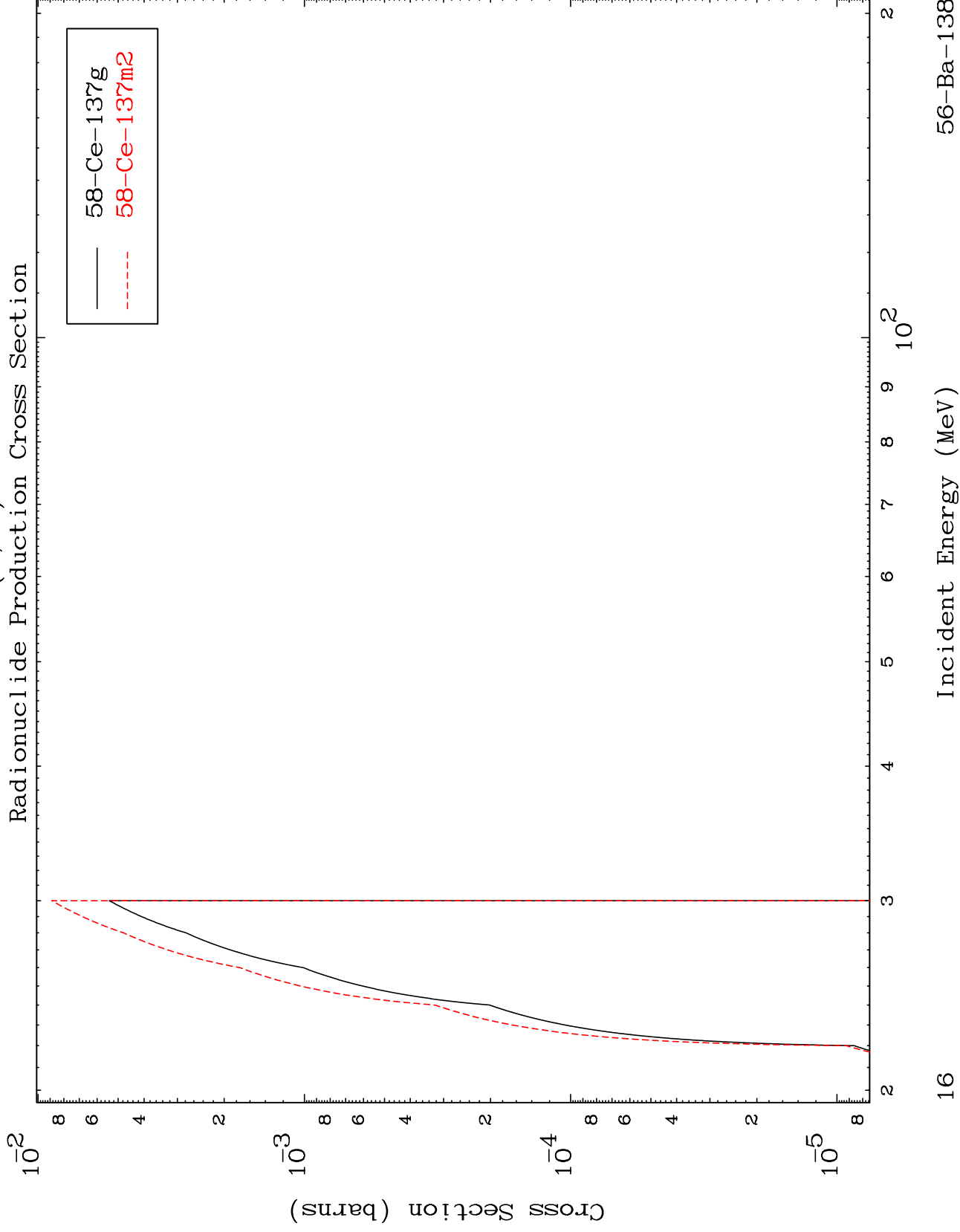
Incident Energy (MeV)

56-Ba-138

MAT 5649

(n,4n)

56-Ba-138



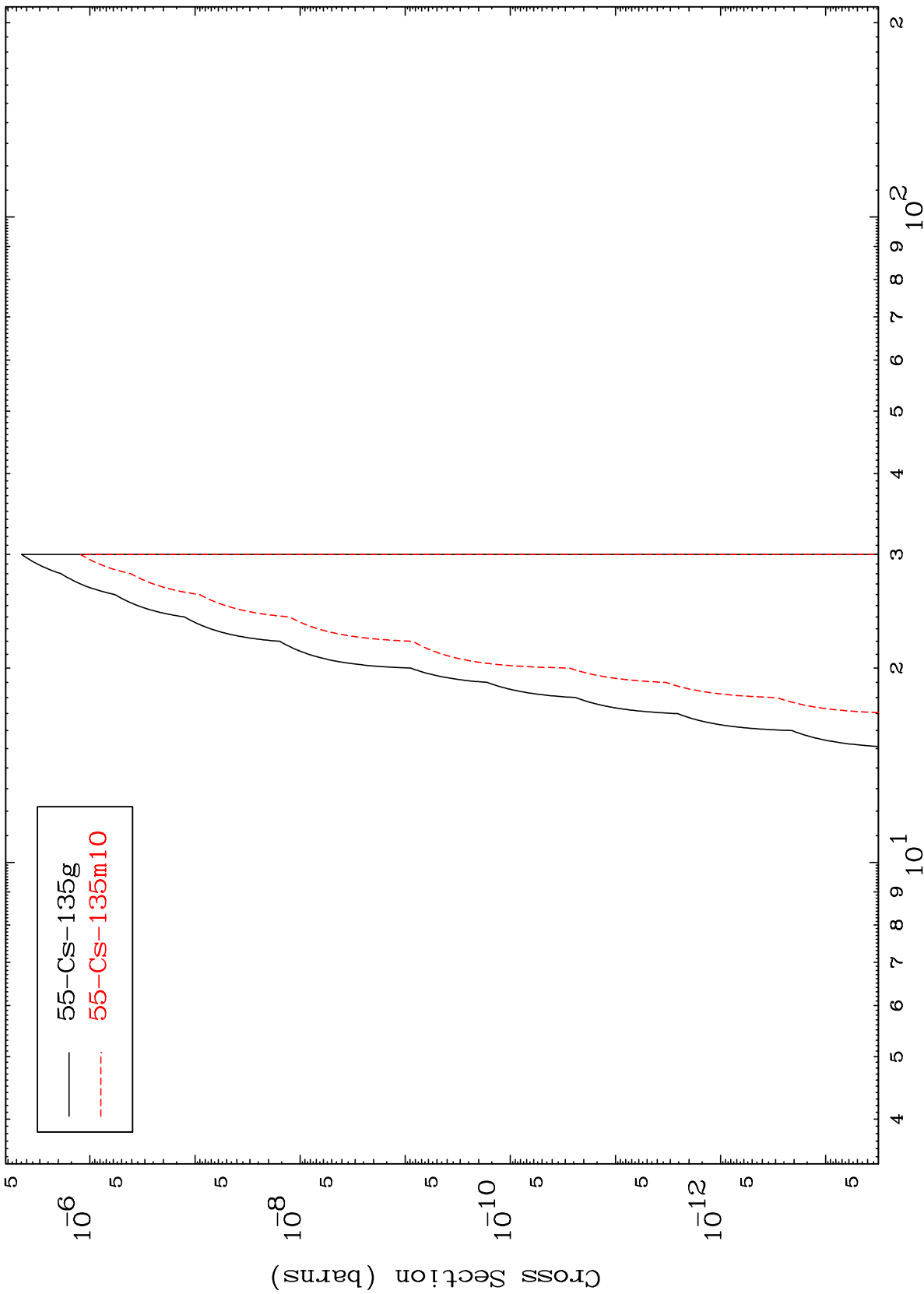
16

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(n,n') p  $\alpha$

56-Ba-138

Radionuclide Production Cross Section



17

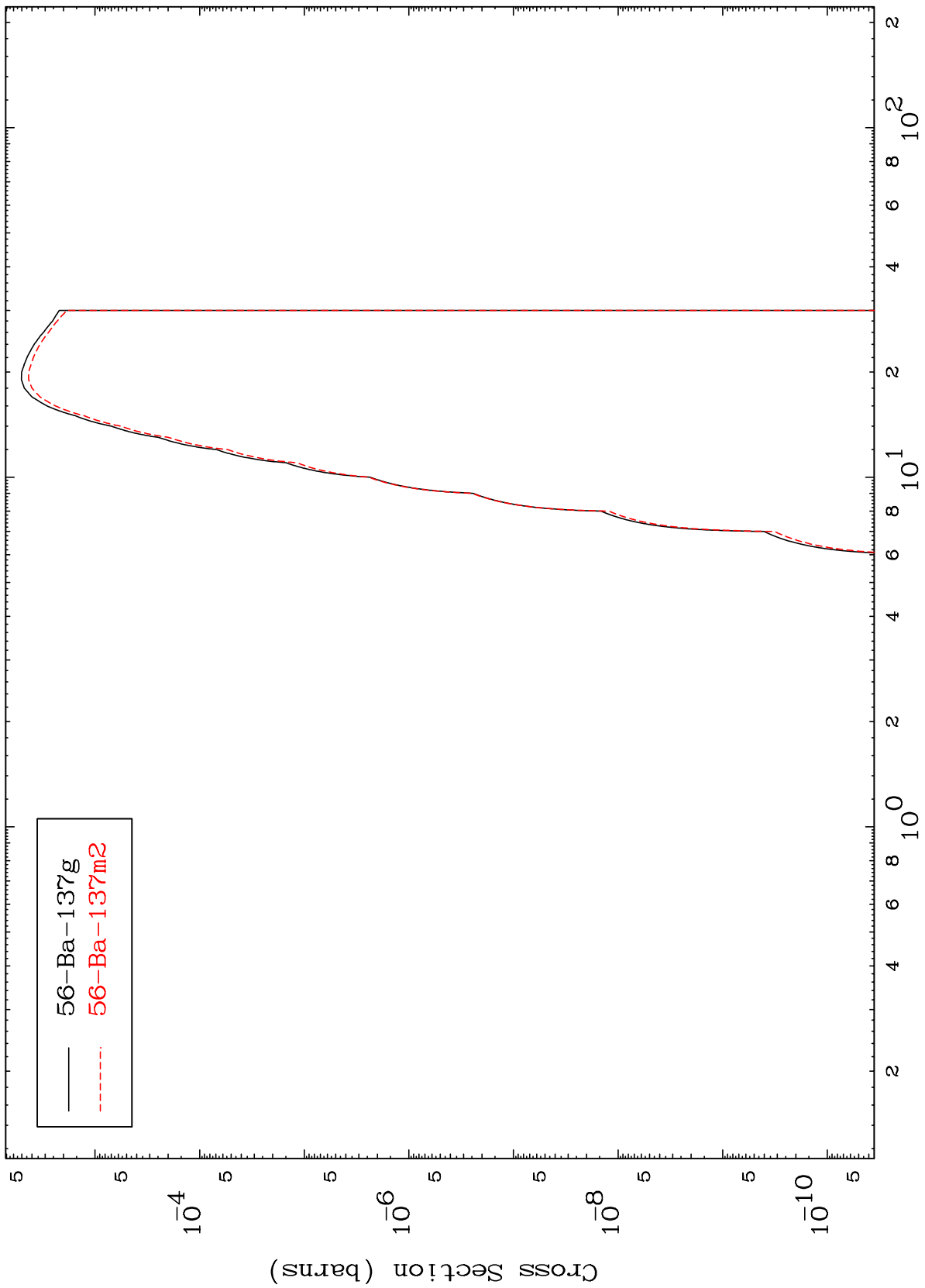
Incident Energy (MeV)

56-Ba-138

MAT 5649

56-Ba-138

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



56-Ba-138

Incident Energy (MeV)

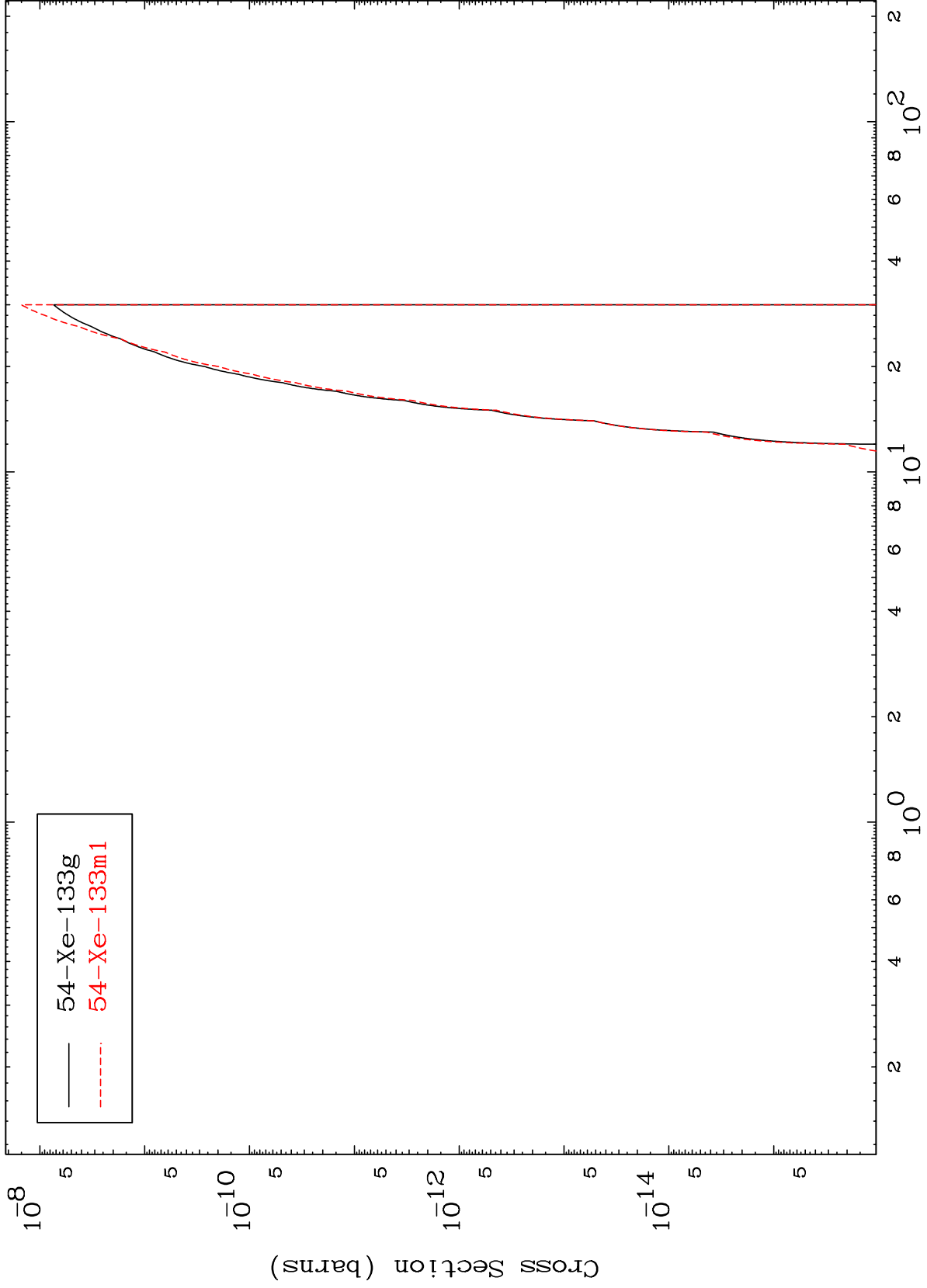
18

MAT 5649

(n,2α)

56-Ba-138

Radionuclide Production Cross Section

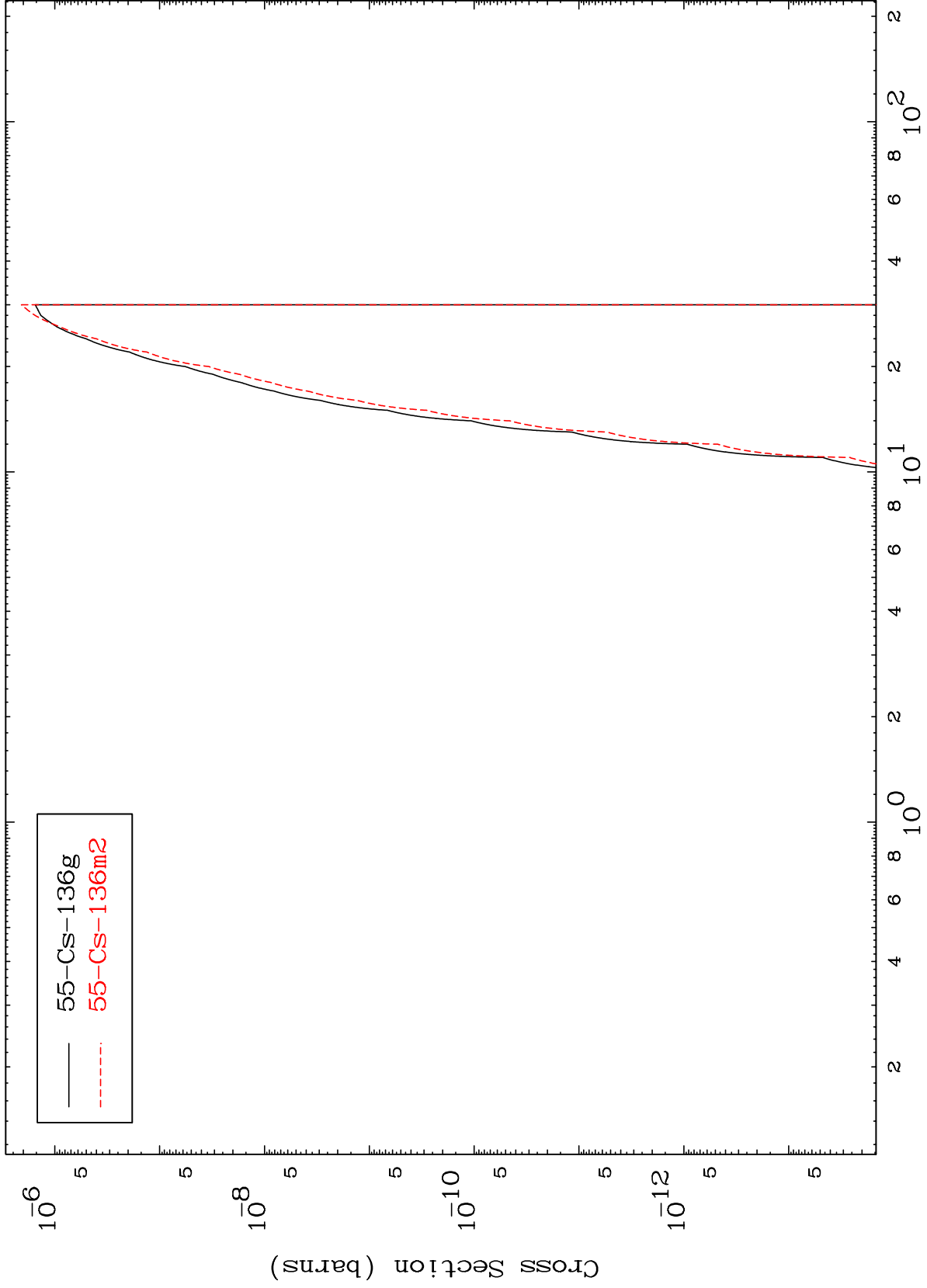


MAT 5649

(n,p)  $\alpha$

56-Ba-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

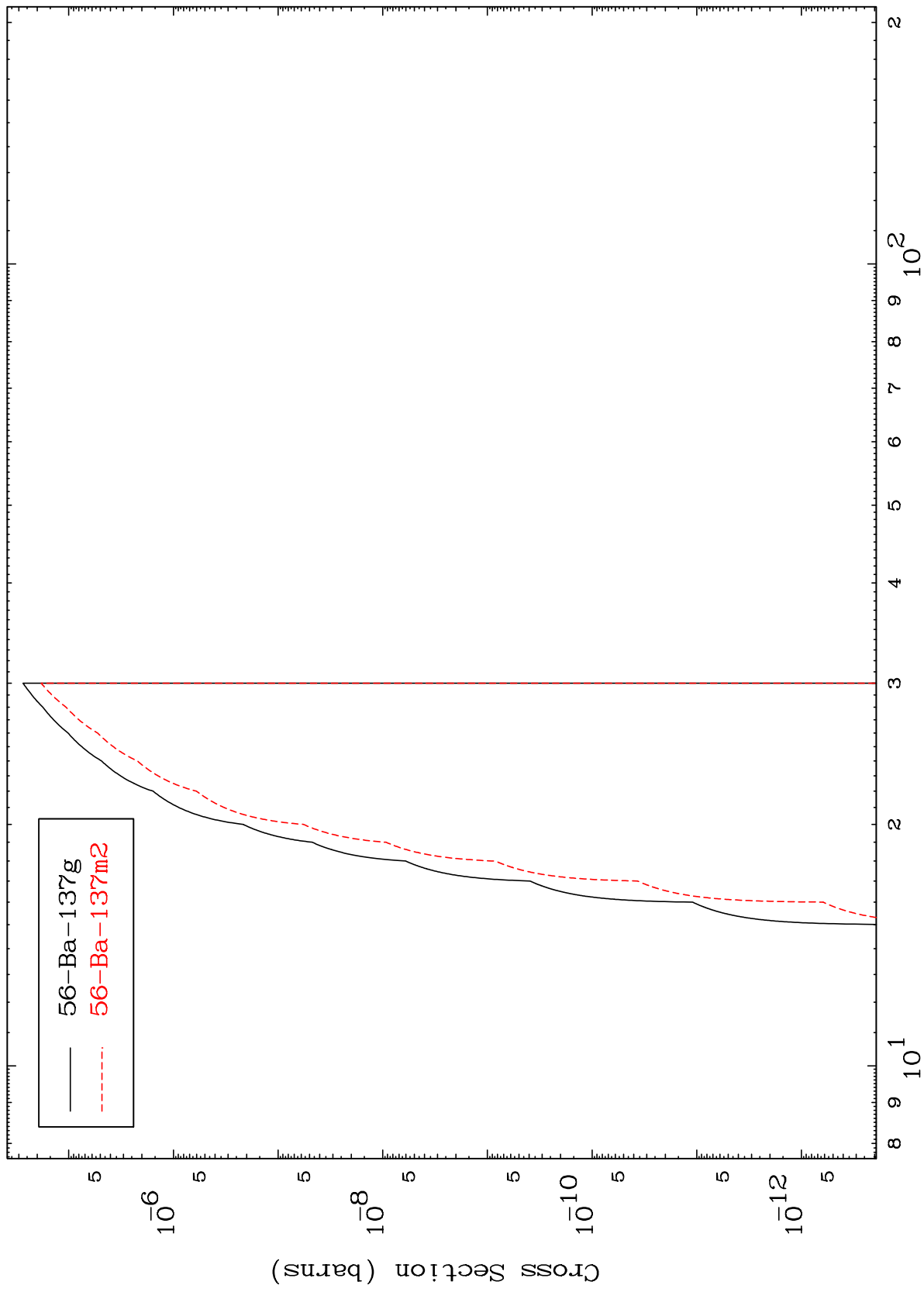
56-Ba-138

MAT 5649

(n,p) t

56-Ba-138

Radionuclide Production Cross Section



21

Incident Energy (MeV)

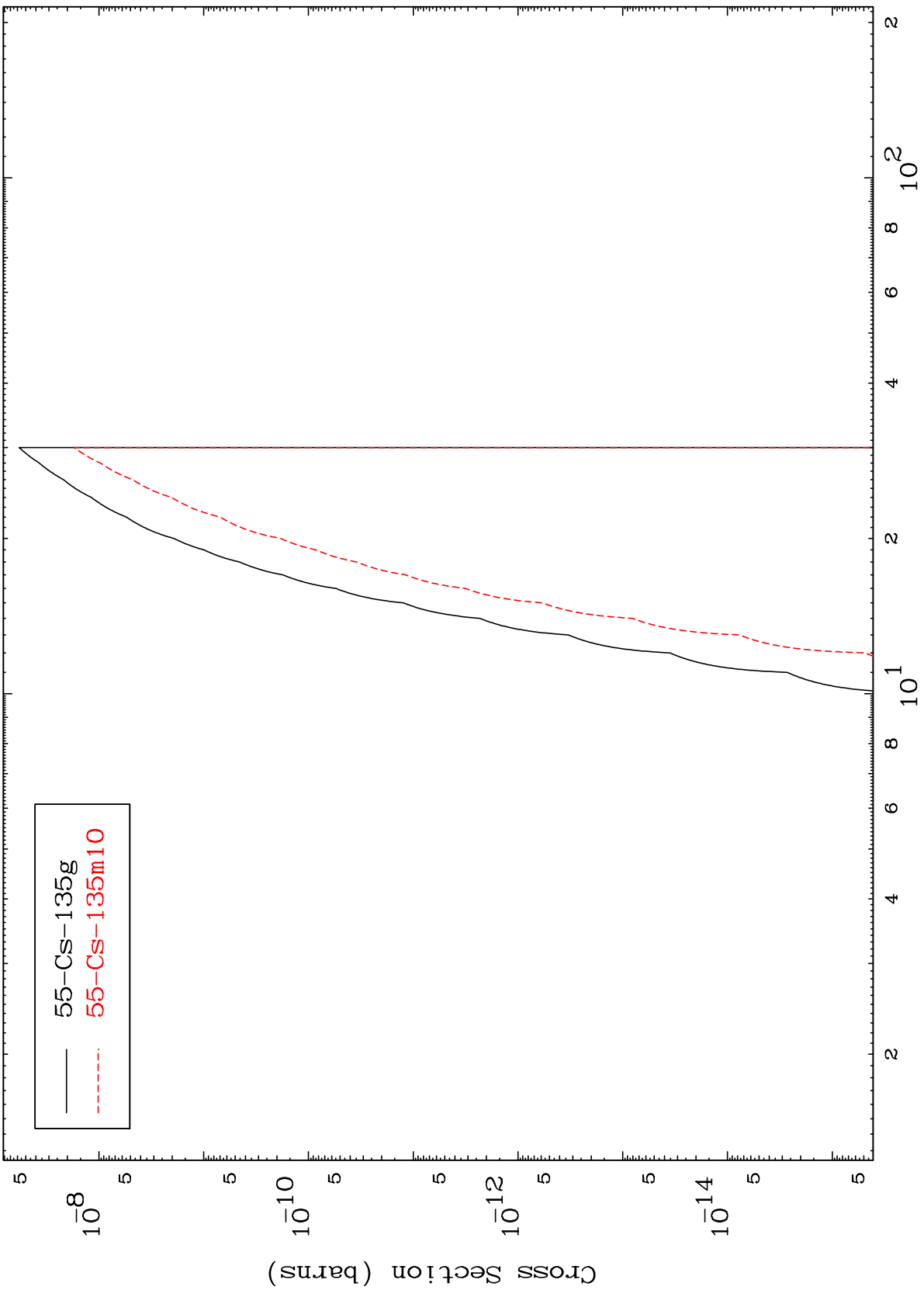
56-Ba-138

MAT 5649

(n,d)  $\alpha$

56-Ba-138

Radionuclide Production Cross Section



55-Cs-135g  
55-Cs-135m10