

Program EVALPLOT  
(Version 2021-1)

by

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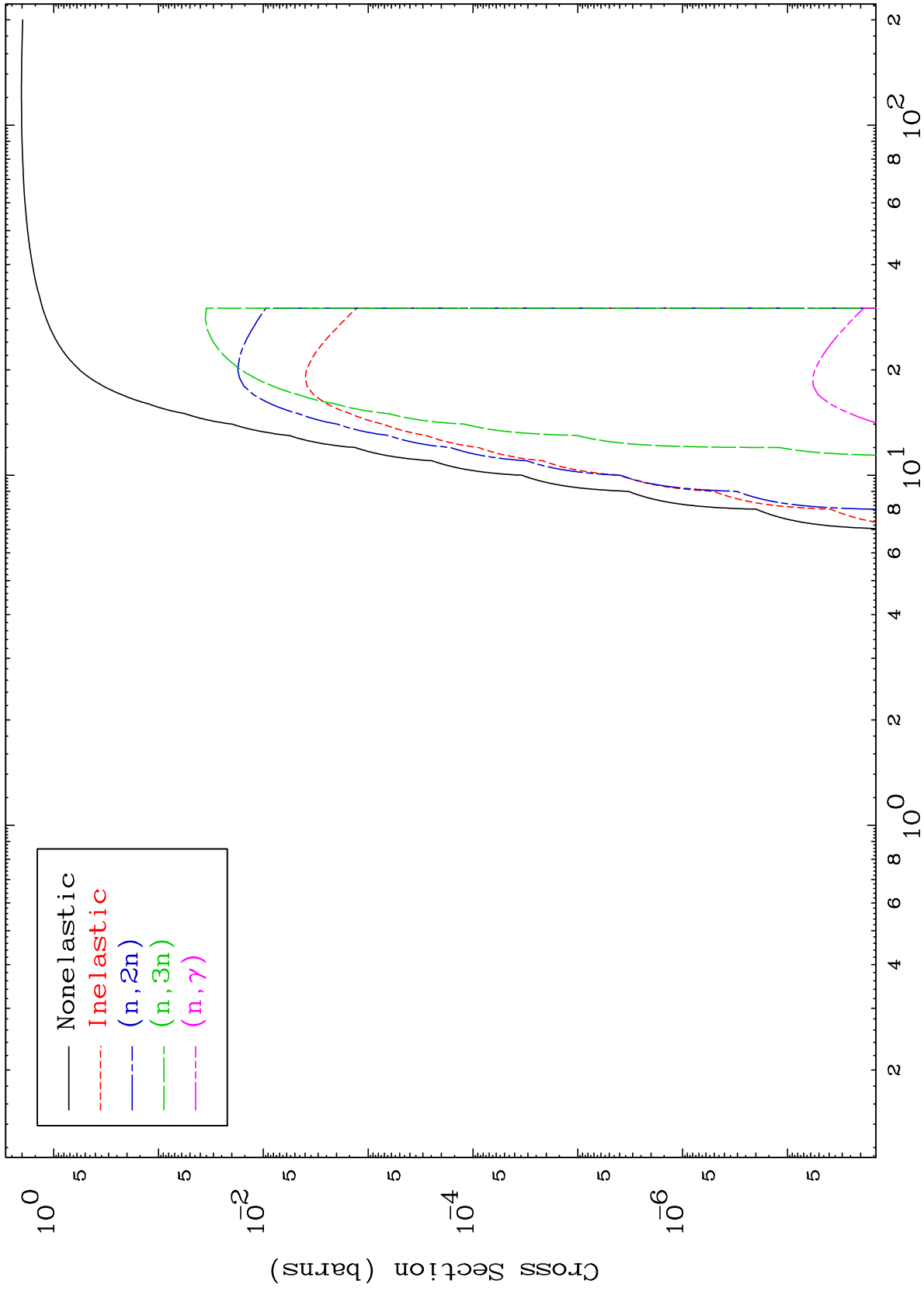
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5646

He-3 Major  
0 Kelvin Cross Sections

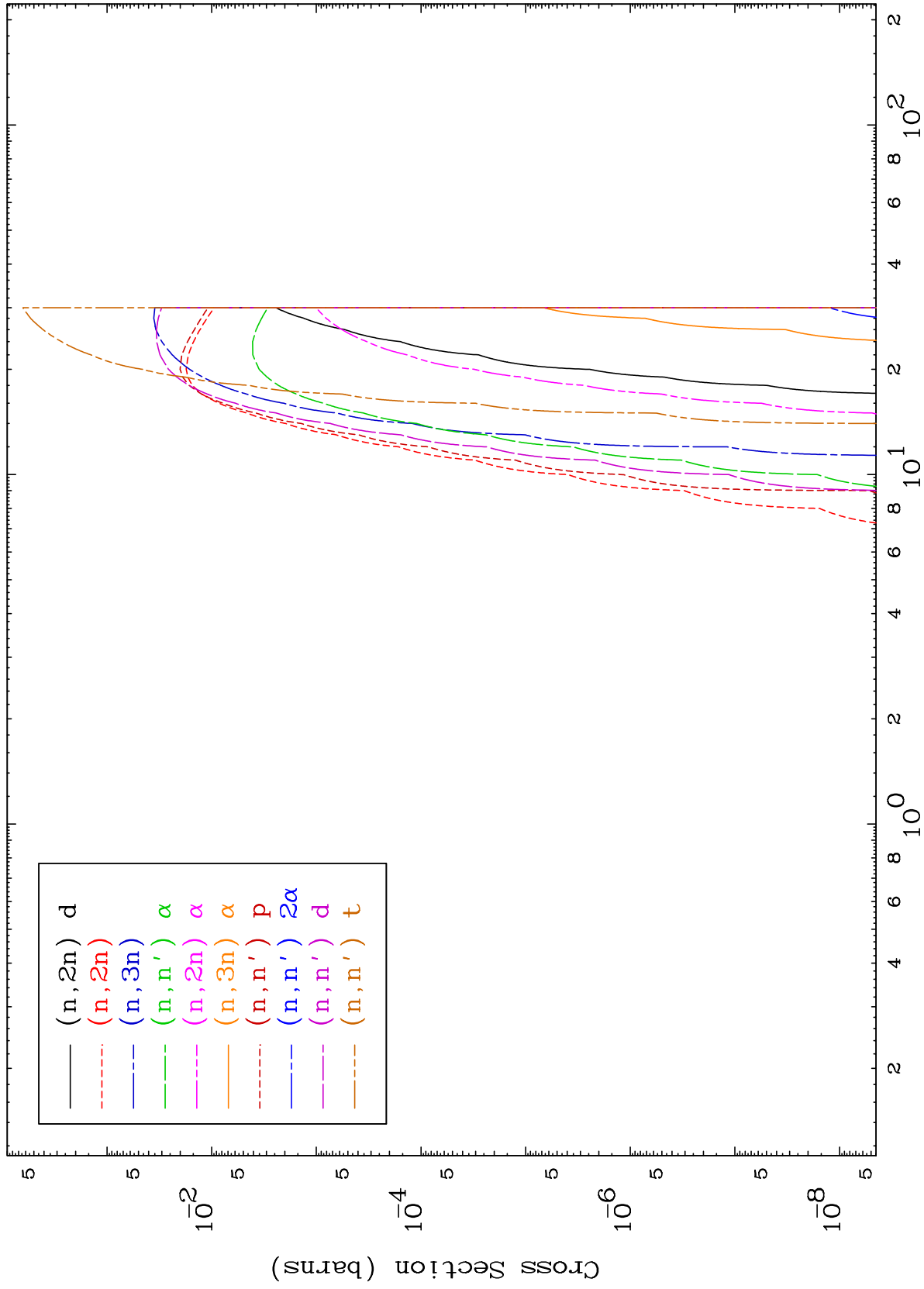
56-Ba-137



MAT 5646

He-3 Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-137



2

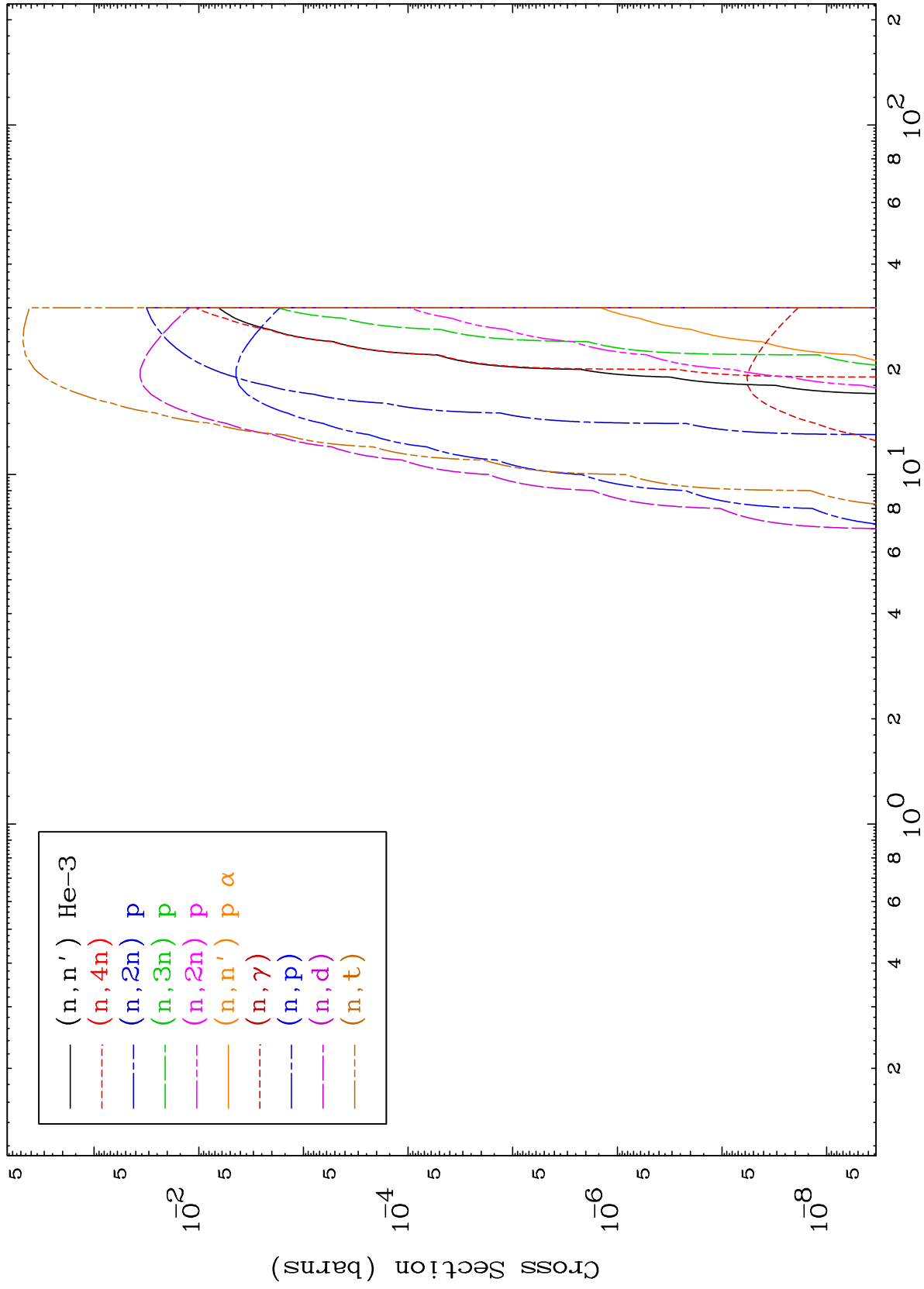
Incident Energy (MeV)

56-Ba-137

MAT 5646

He-3 Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-137



56-Ba-137

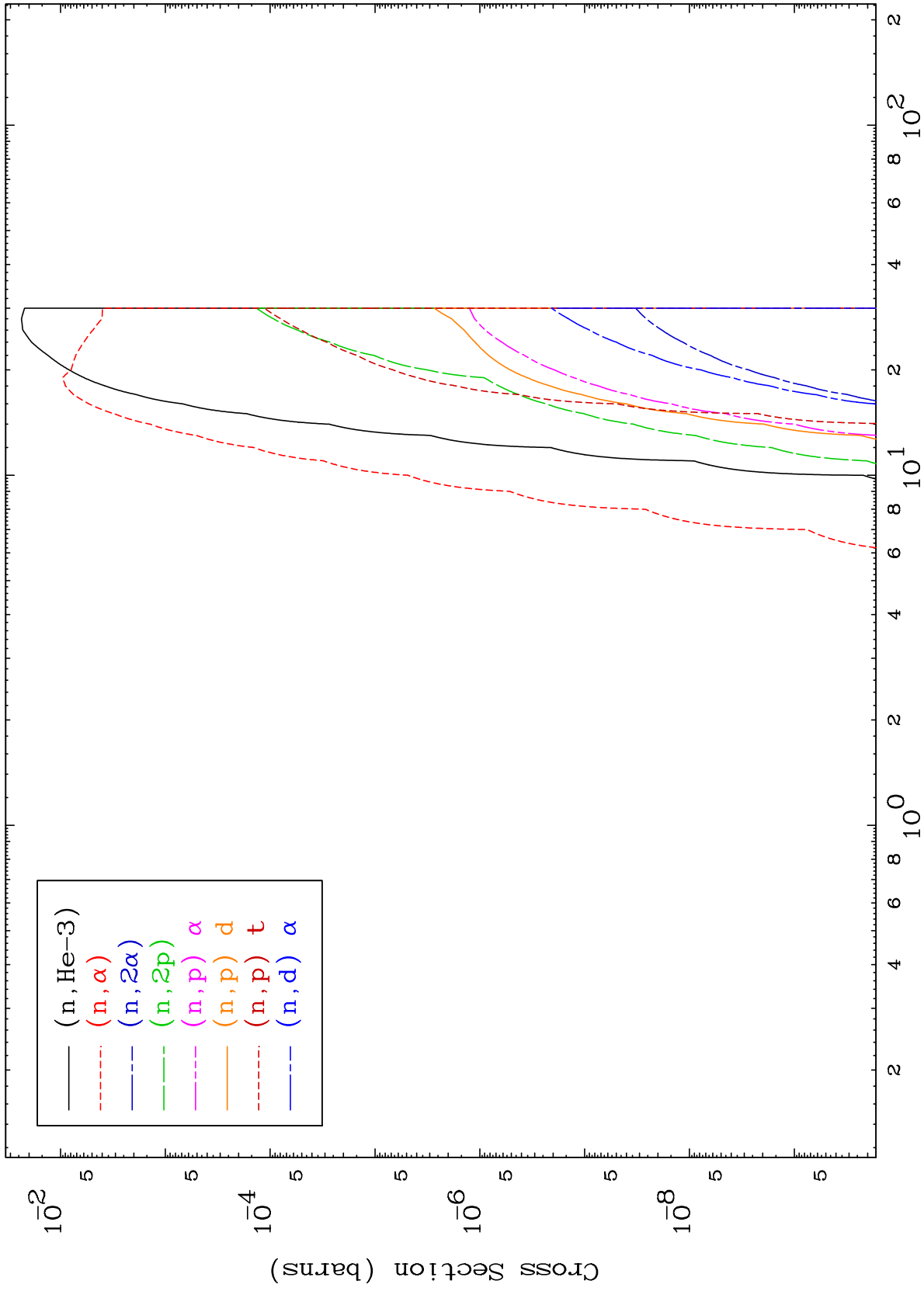
Incident Energy (MeV)

3

MAT 5646

He-3 Neutron Absorption  
0 Kelvin Cross Sections

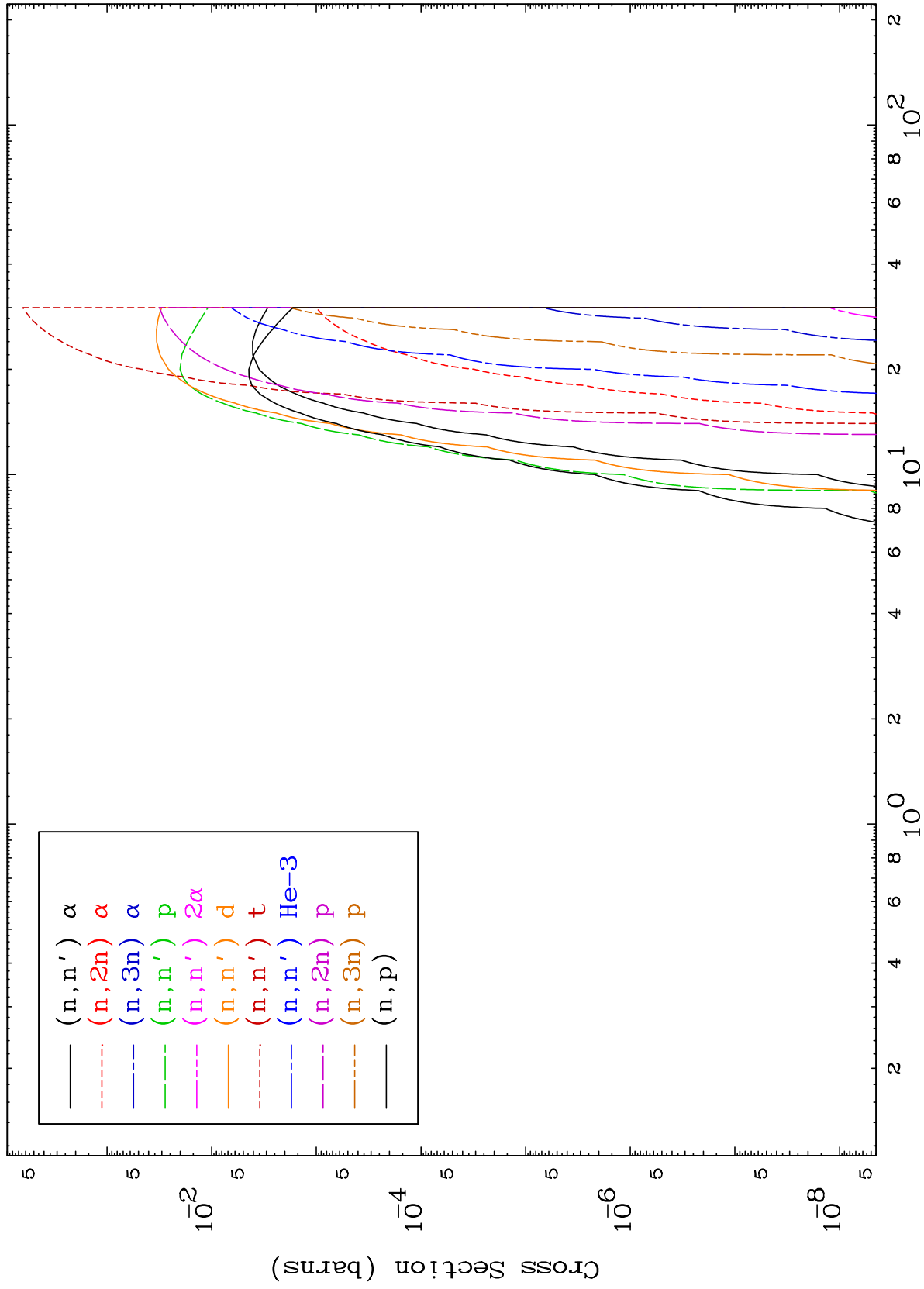
56-Ba-137



MAT 5646

He-3 Charged Particle  
0 Kelvin Cross Sections

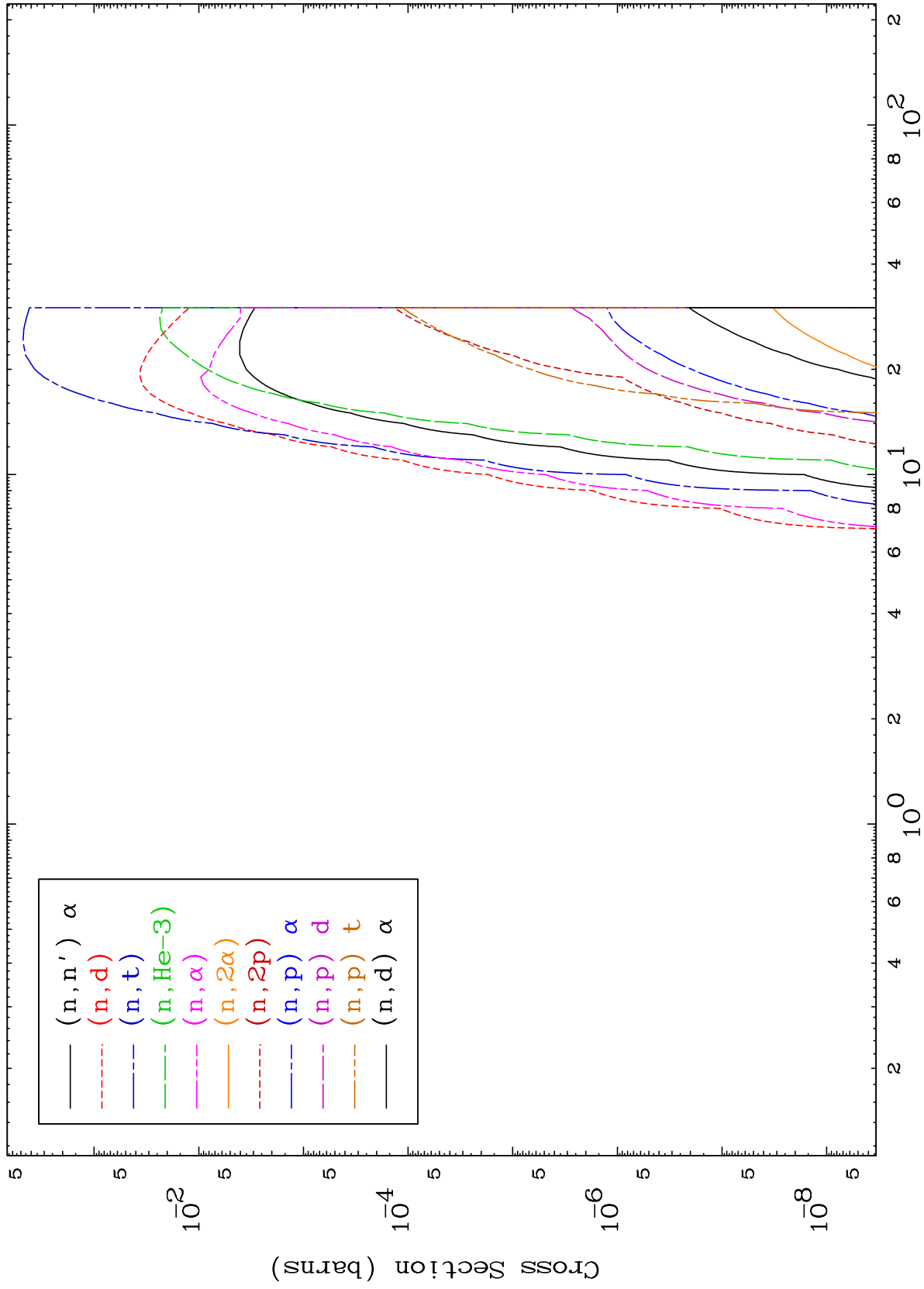
56-Ba-137



MAT 5646

He-3 Charged Particle  
0 Kelvin Cross Sections

56-Ba-137



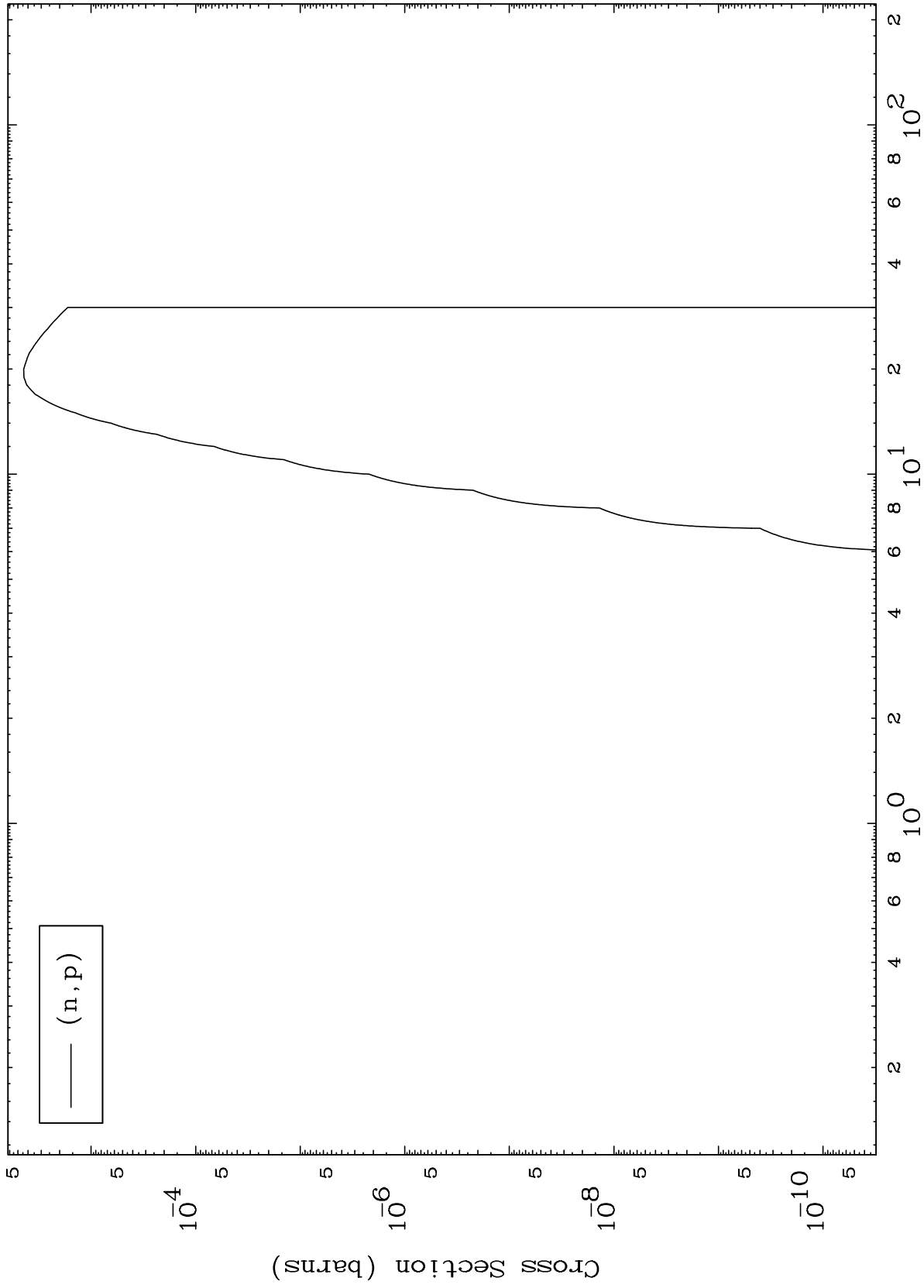
6

56-Ba-137

MAT 5646

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

56-Ba-137



7

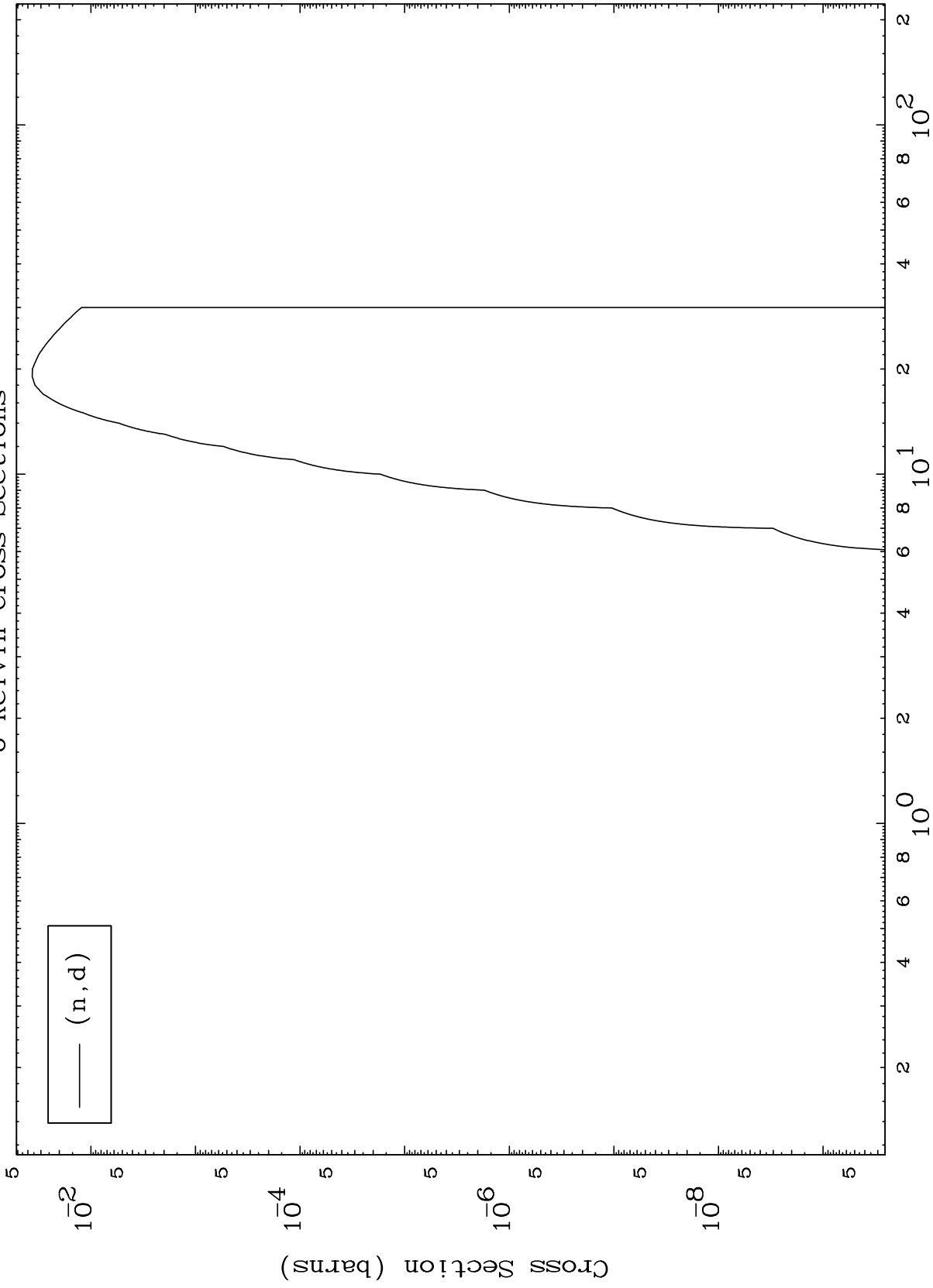
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



8

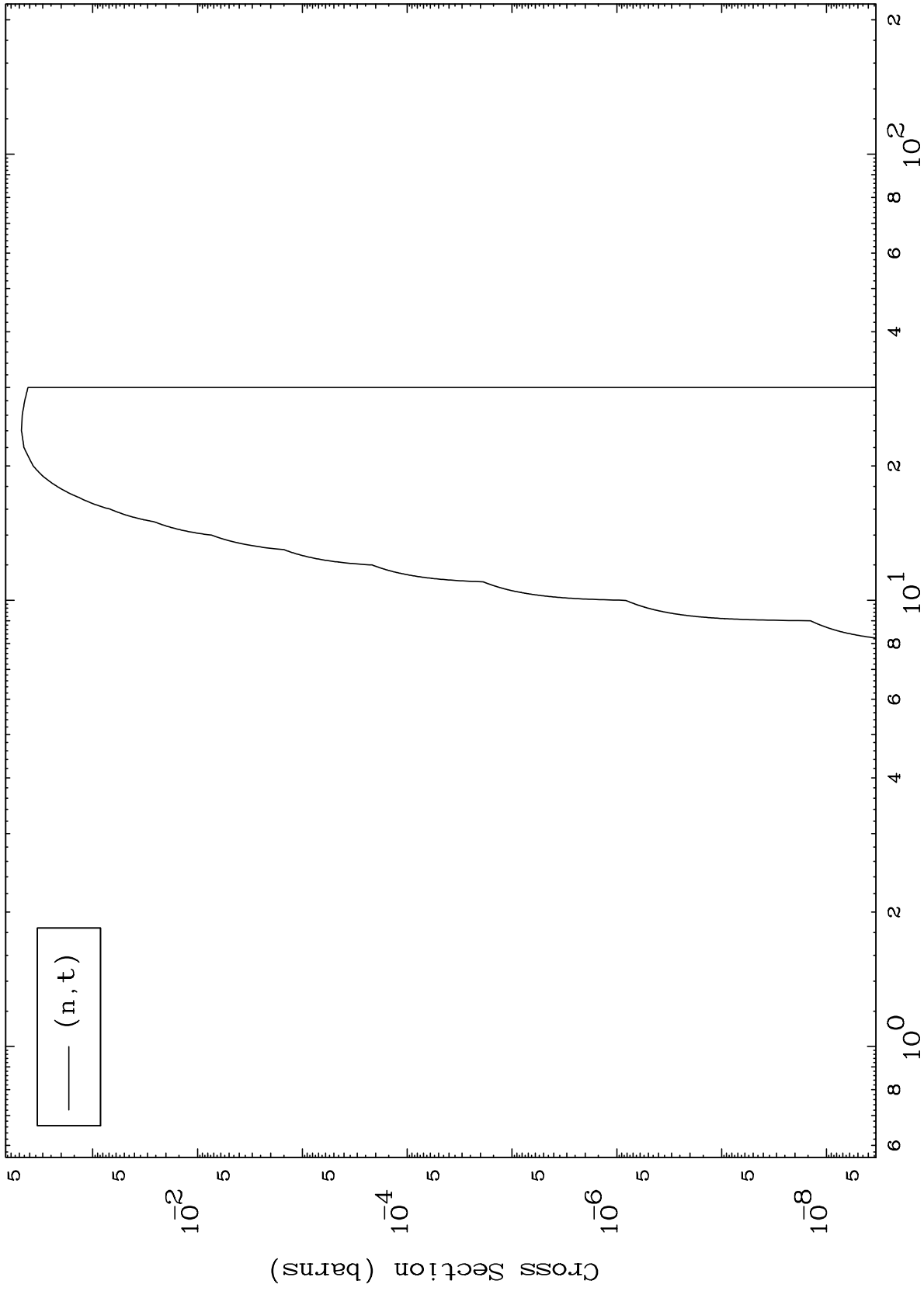
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



9

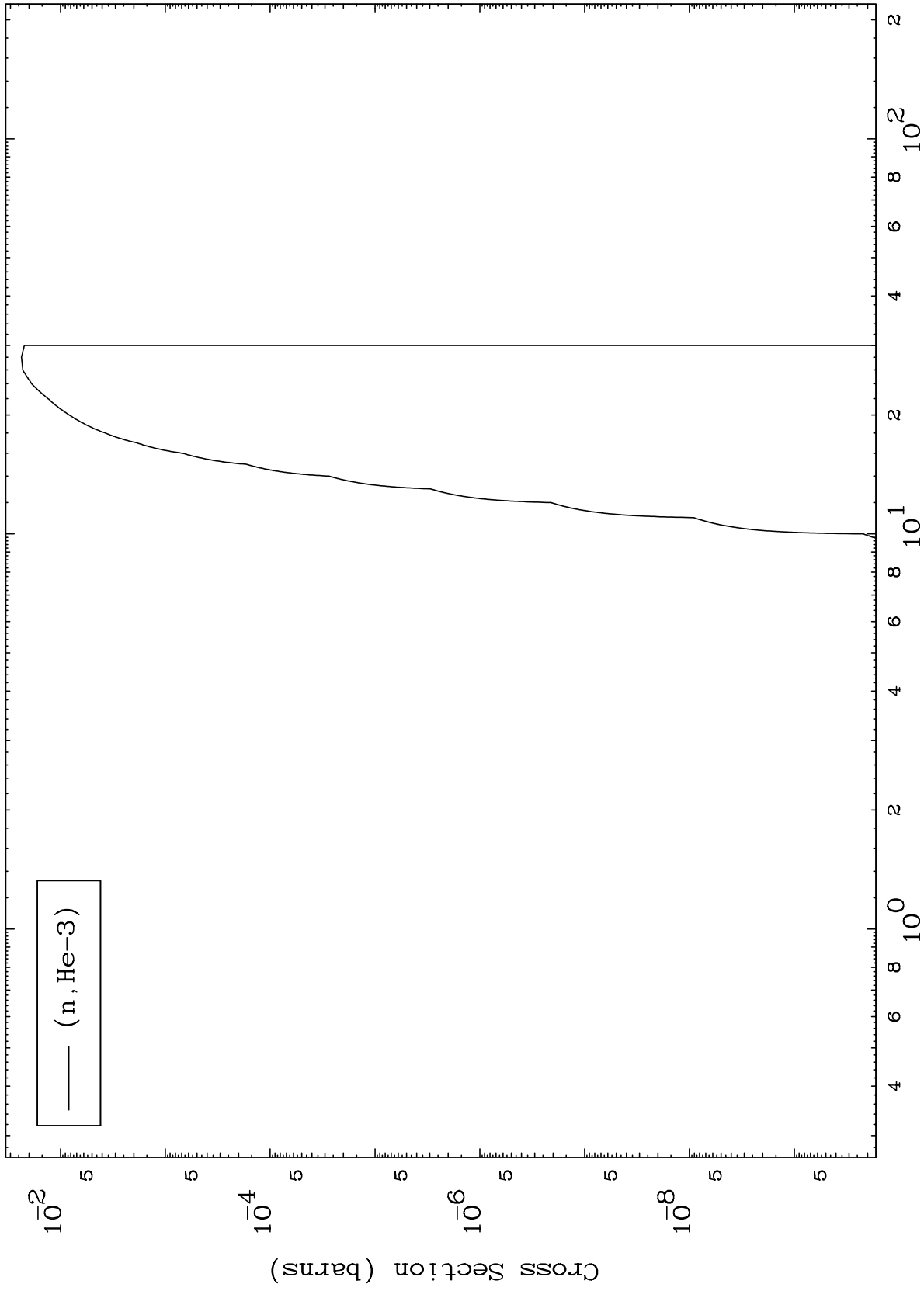
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



10

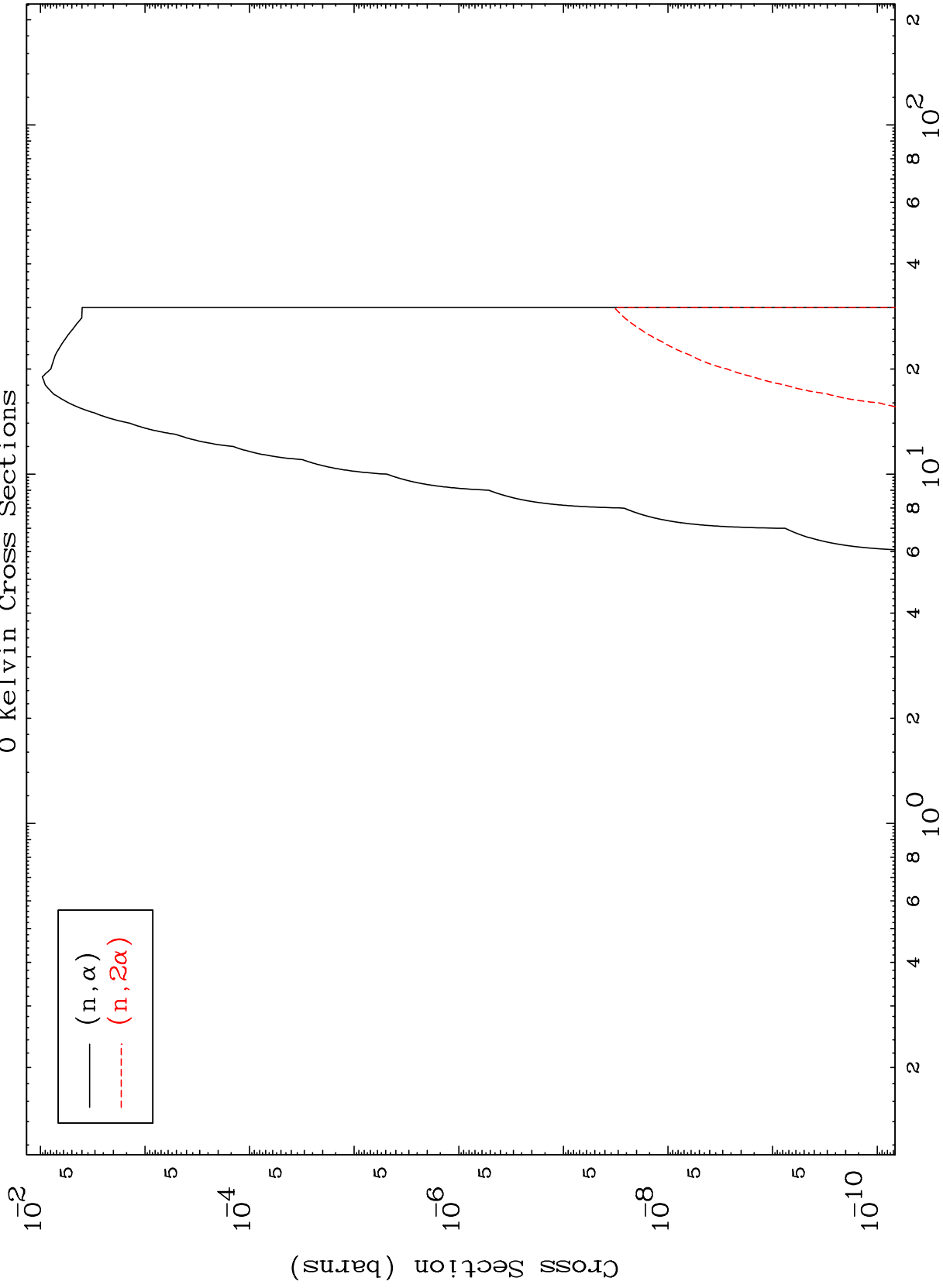
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



11

Incident Energy (MeV)

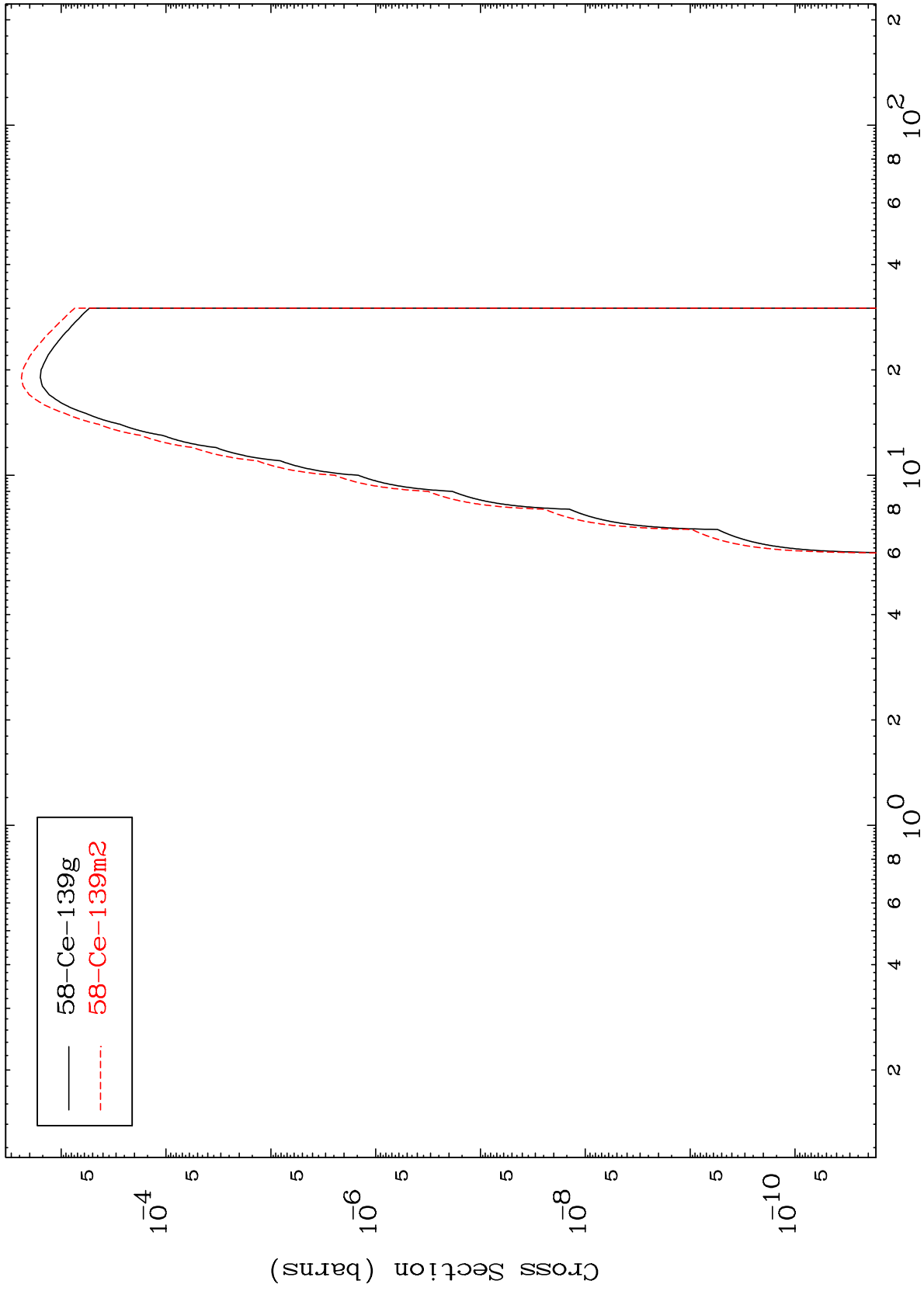
56-Ba-137

MAT 5646

Inelastic

56-Ba-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

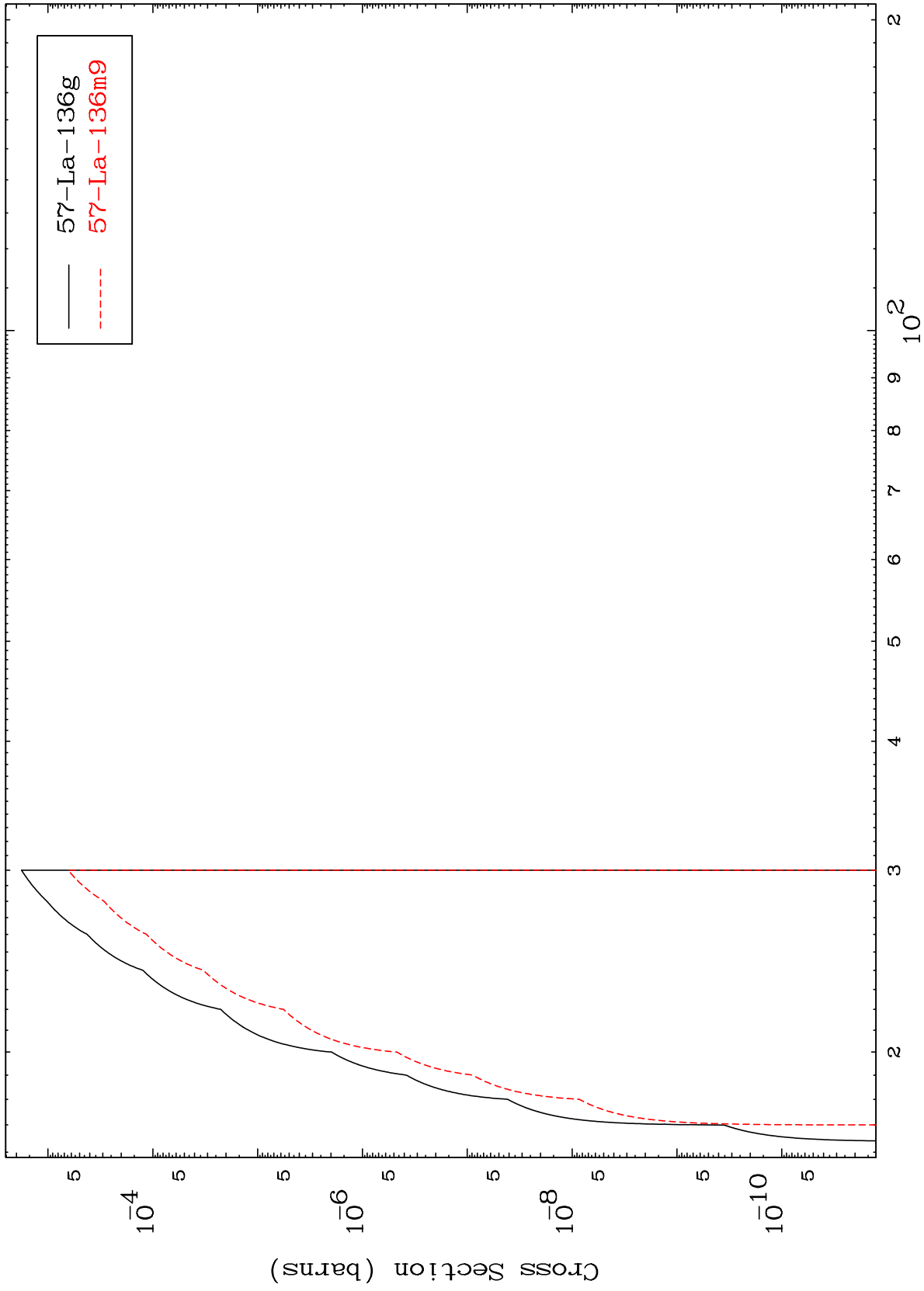
56-Ba-137

MAT 5646

(n,2n) d

56-Ba-137

Radionuclide Production Cross Section



13

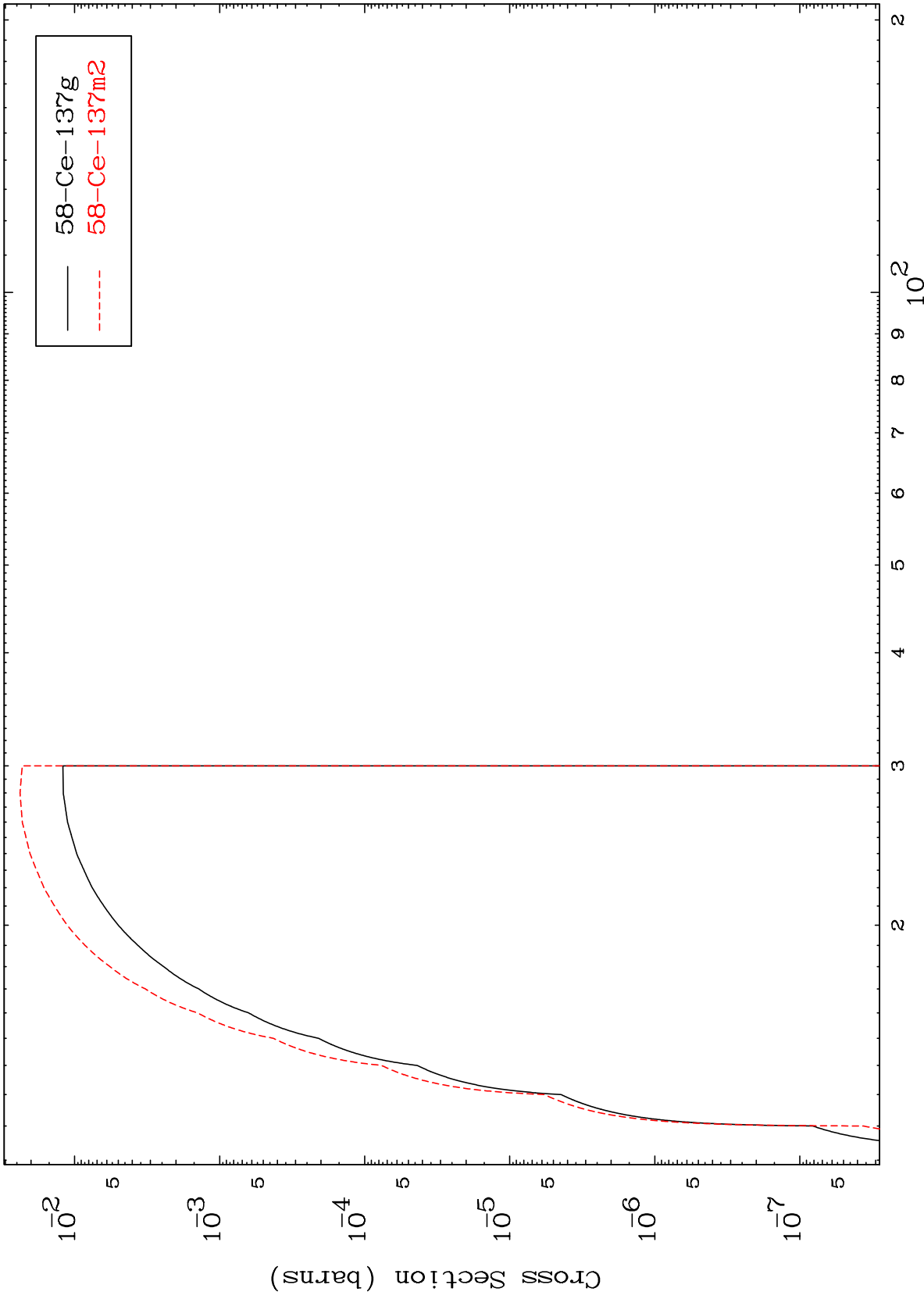
Incident Energy (MeV)

56-Ba-137

MAT 5646

56-Ba-137

(n,3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

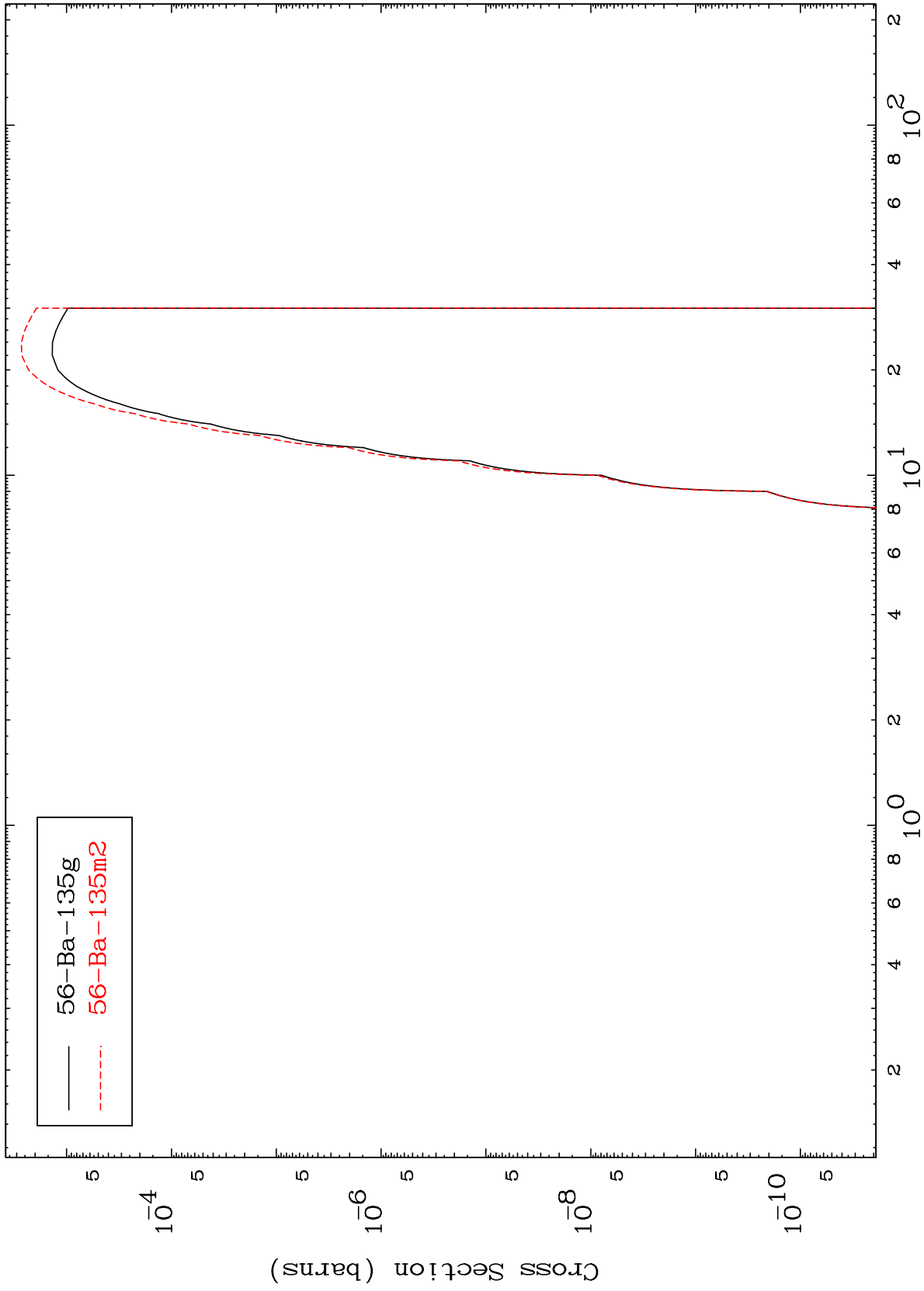
56-Ba-137

MAT 5646

(n,n')  $\alpha$

56-Ba-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

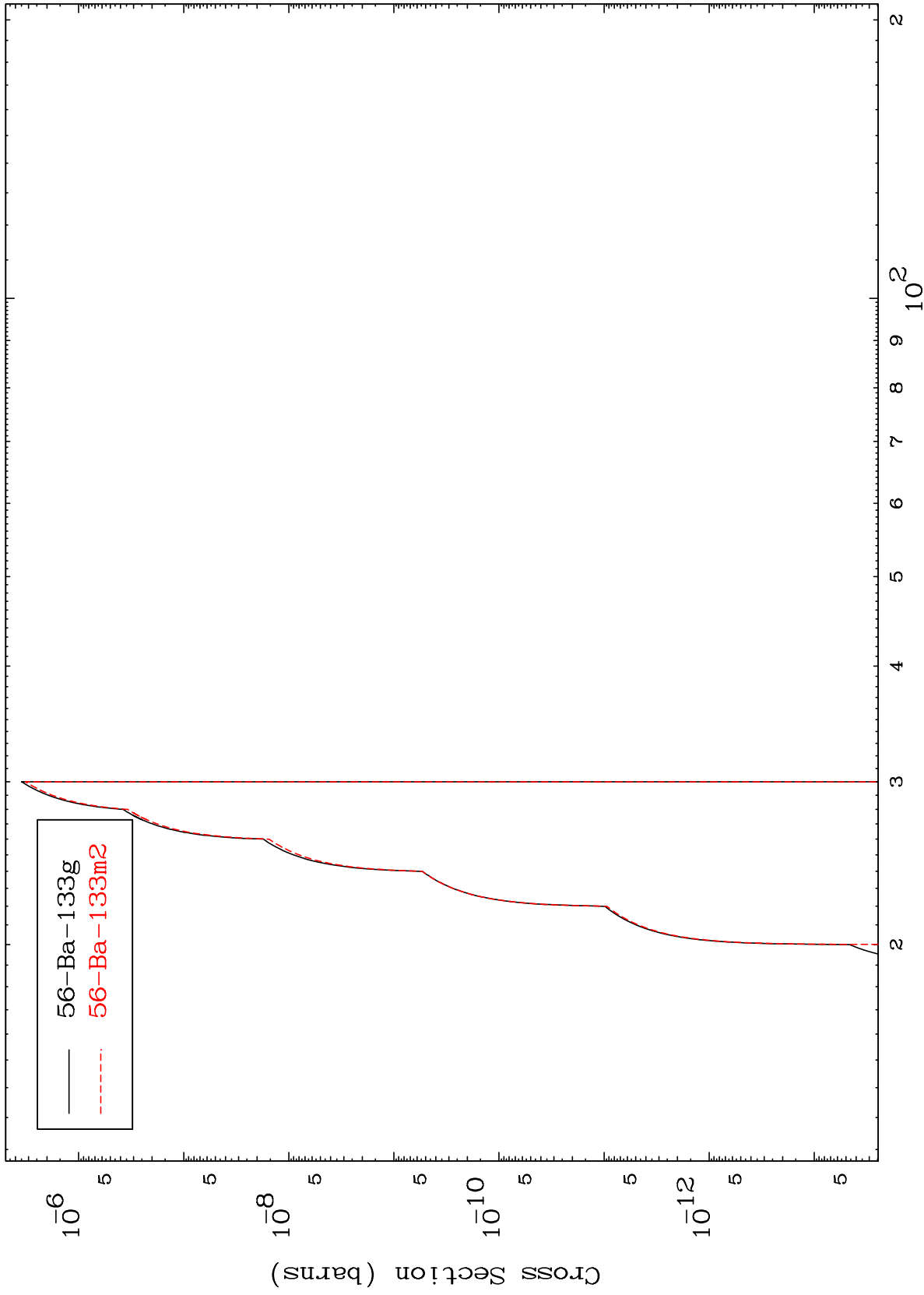
56-Ba-137

MAT 5646

(n,3n)  $\alpha$

56-Ba-137

Radionuclide Production Cross Section



16

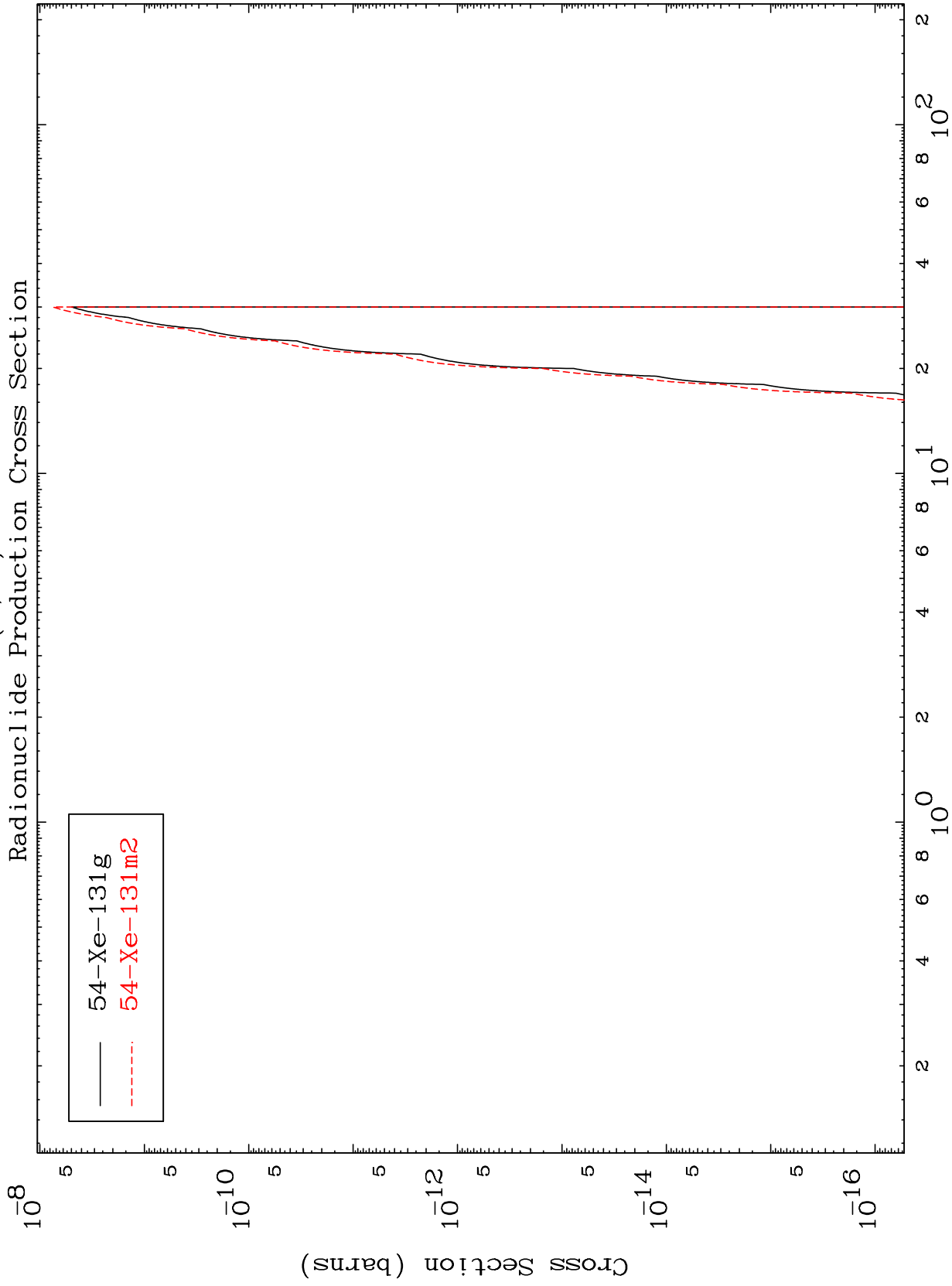
Incident Energy (MeV)

56-Ba-137

MAT 5646

(n,n') 2 $\alpha$

56-Ba-137

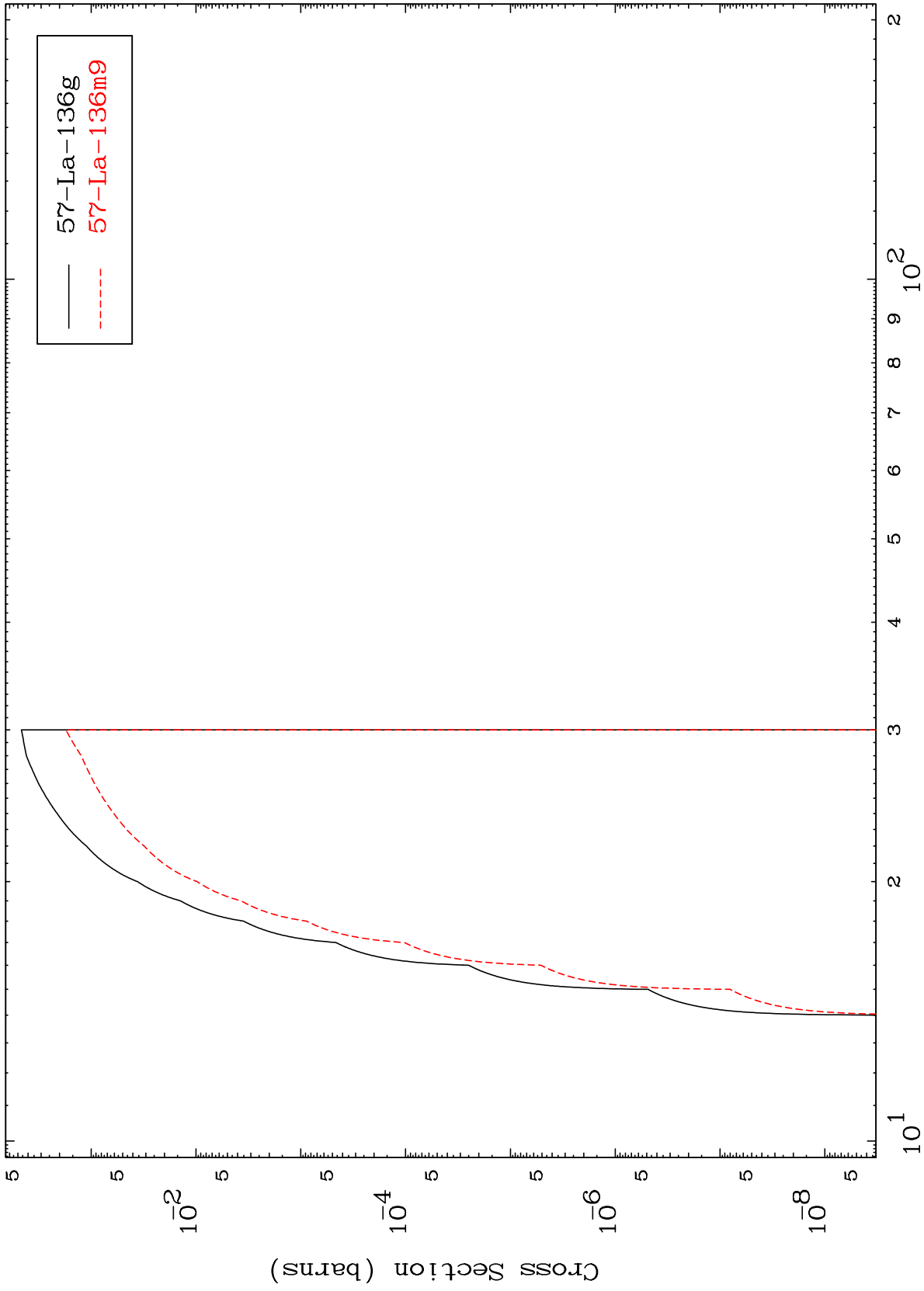


MAT 5646

(n,n') t

56-Ba-137

Radionuclide Production Cross Section



Incident Energy (MeV)

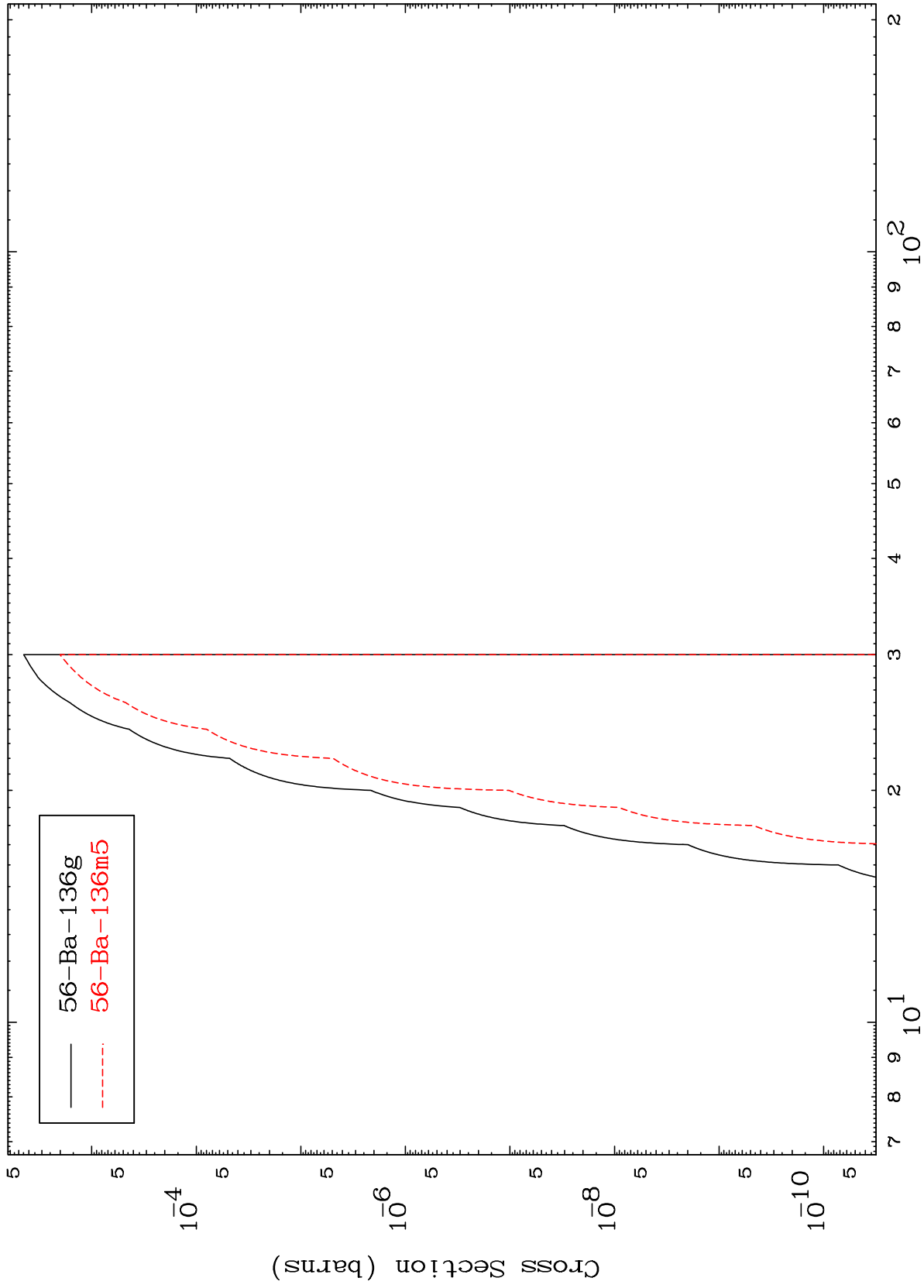
56-Ba-137

MAT 5646

(n, n') He-3

56-Ba-137

Radionuclide Production Cross Section



19

Incident Energy (MeV)

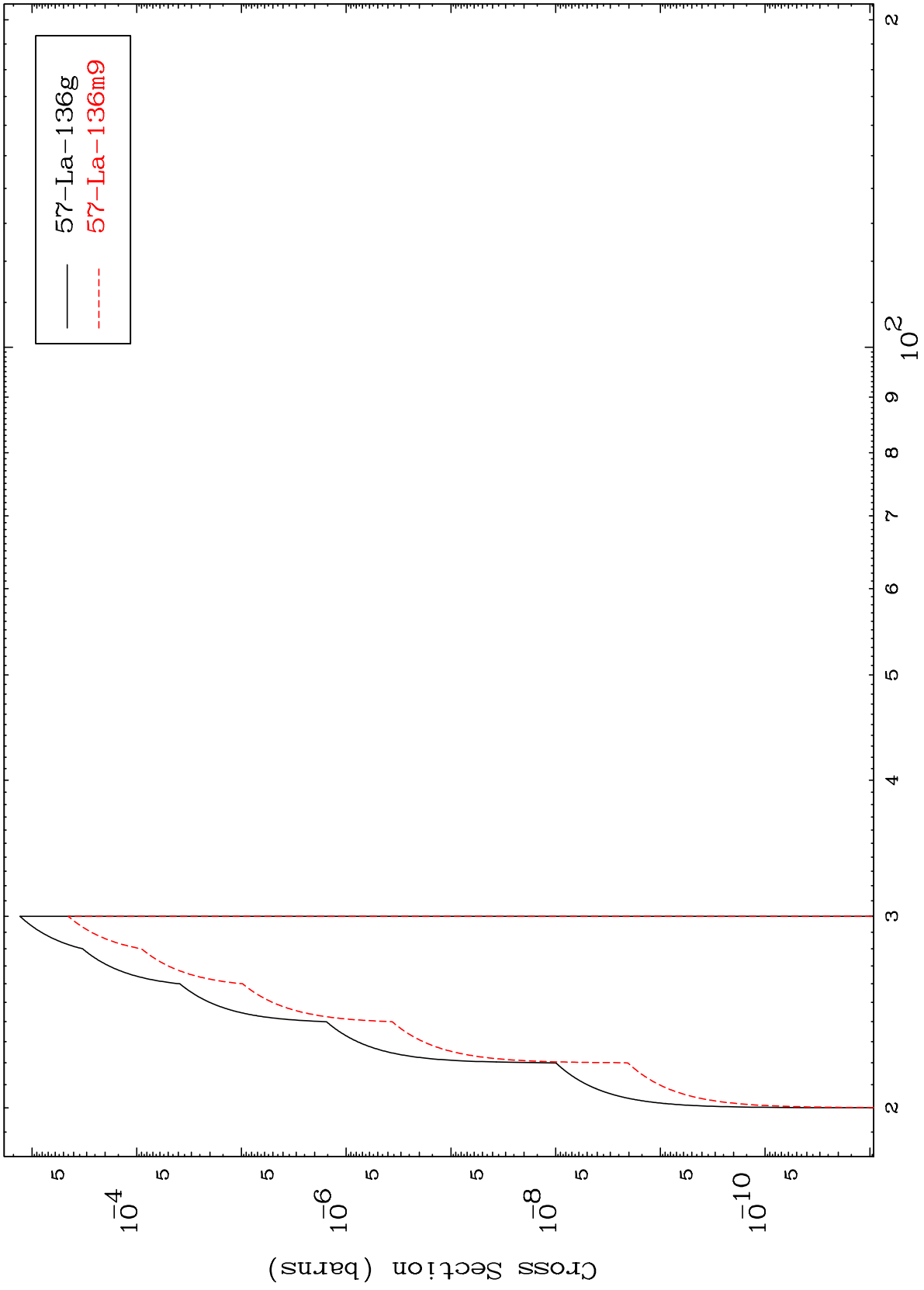
56-Ba-137

MAT 5646

(n,3n) p

56-Ba-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

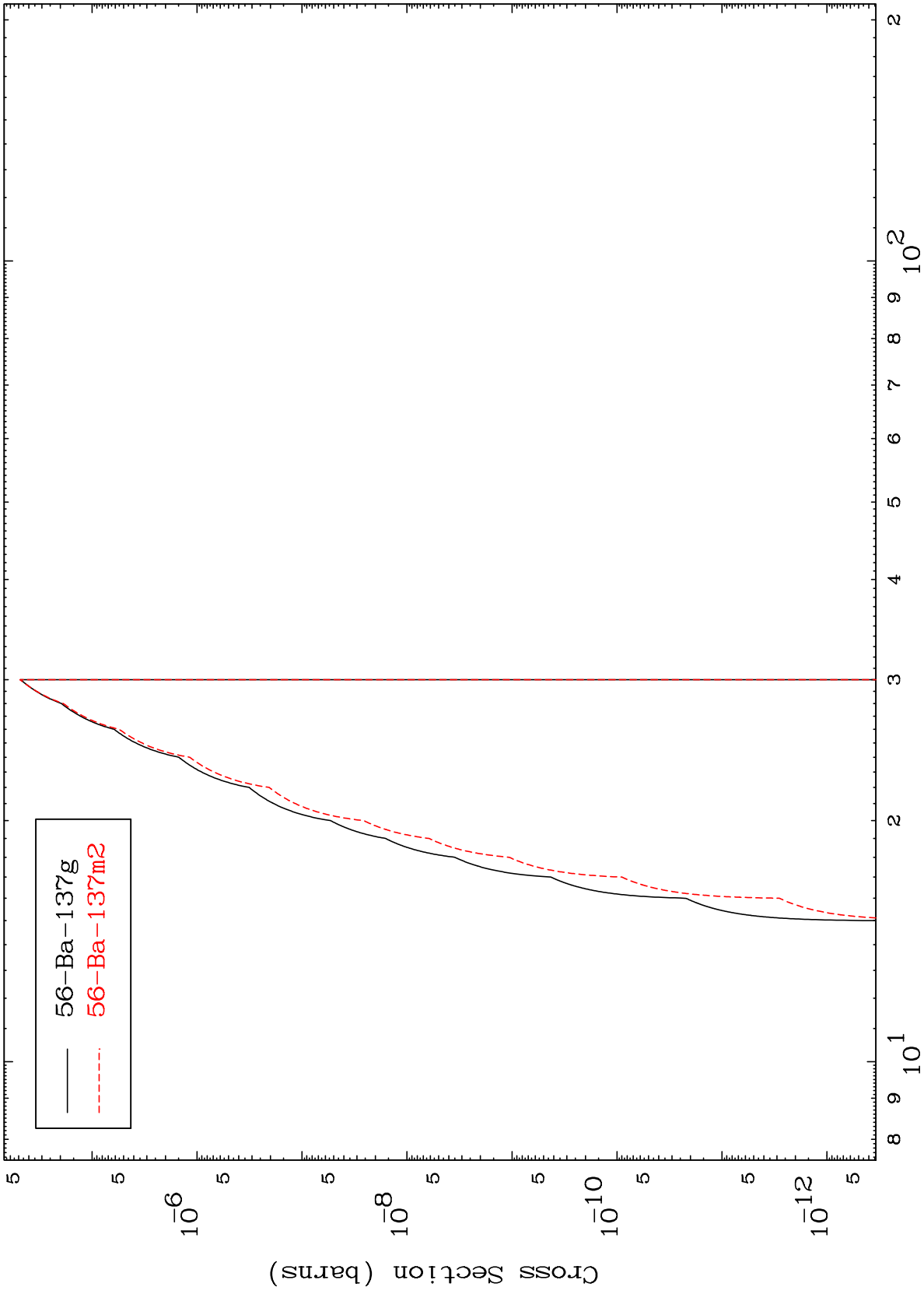
56-Ba-137

MAT 5646

(n,2n) p

56-Ba-137

Radionuclide Production Cross Section



21

Incident Energy (MeV)

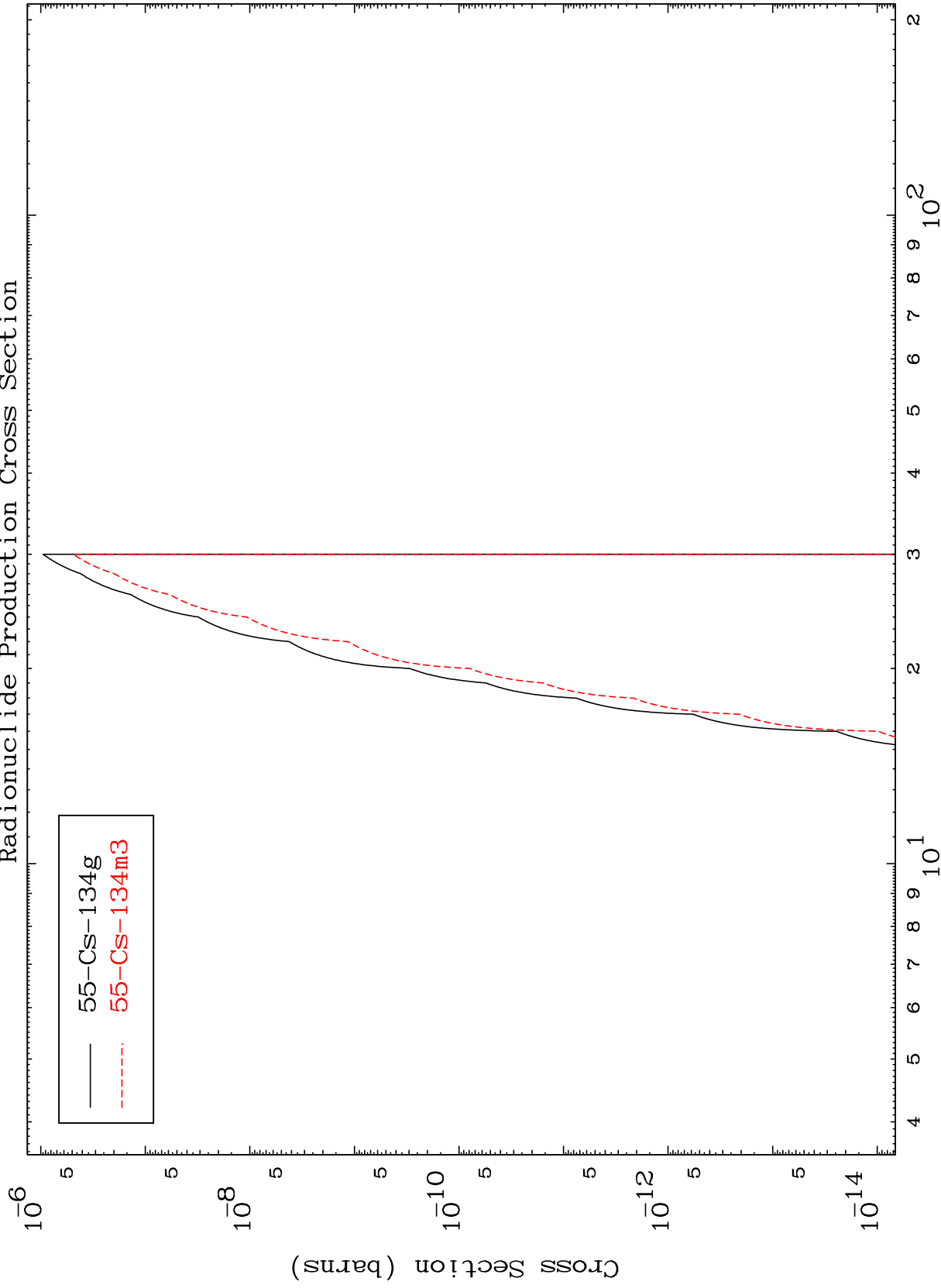
56-Ba-137

MAT 5646

(n,n') p  $\alpha$

56-Ba-137

Radionuclide Production Cross Section



22

Incident Energy (MeV)

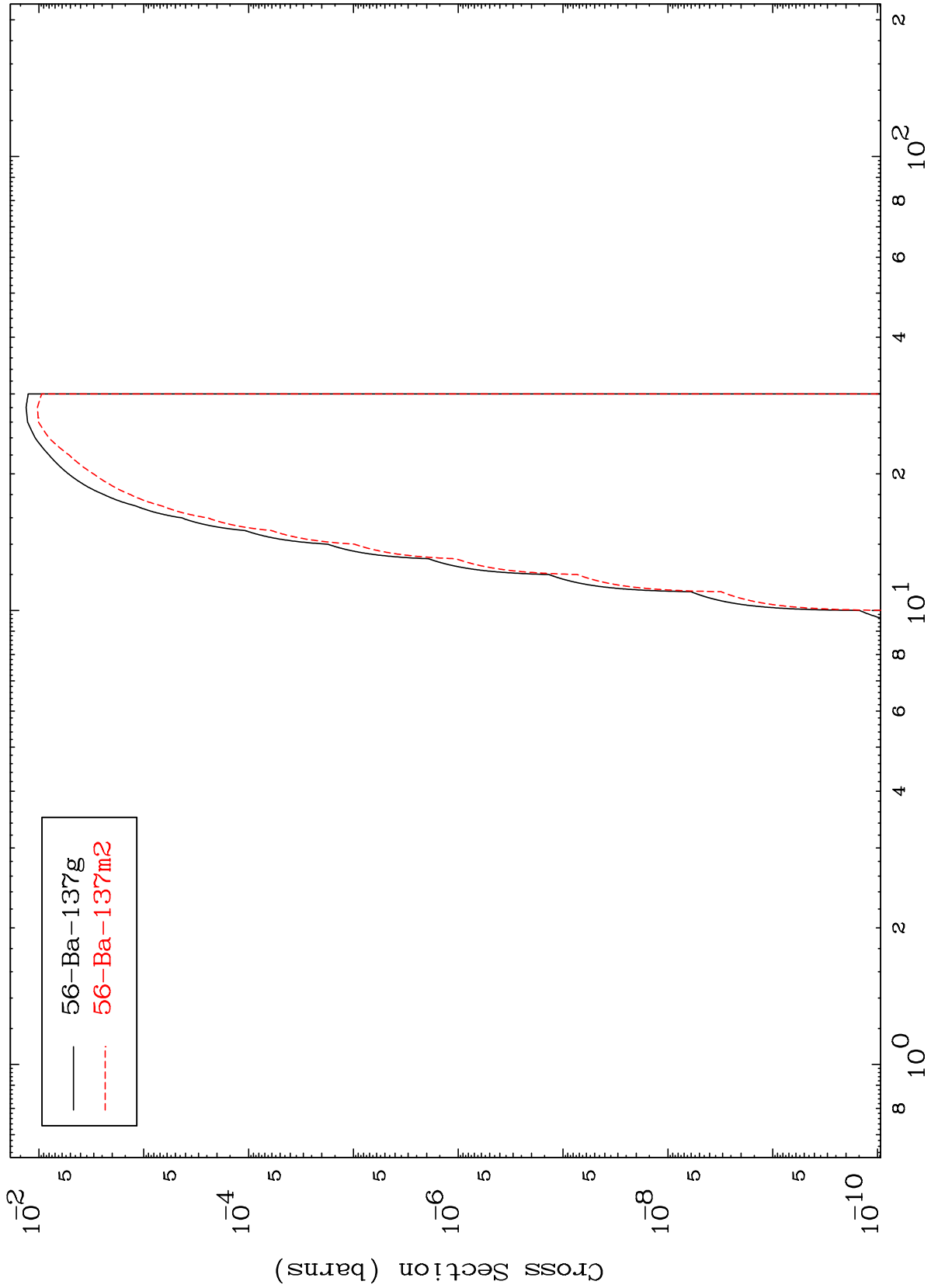
56-Ba-137

MAT 5646

(n, He-3)

56-Ba-137

Radionuclide Production Cross Section



56-Ba-137g  
56-Ba-137m2

23

Incident Energy (MeV)

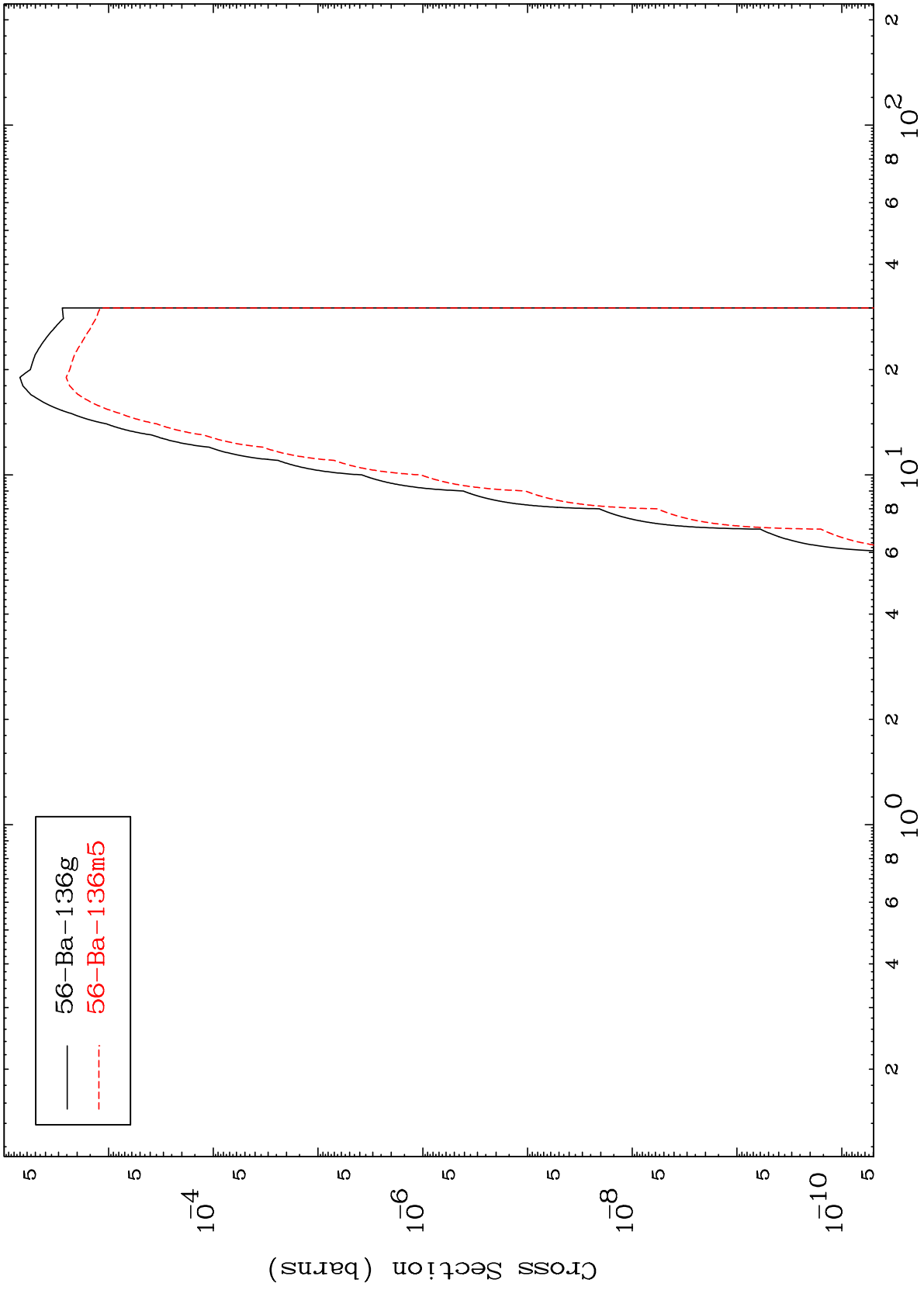
56-Ba-137

MAT 5646

(n,  $\alpha$ )

56-Ba-137

Radionuclide Production Cross Section



24

Incident Energy (MeV)

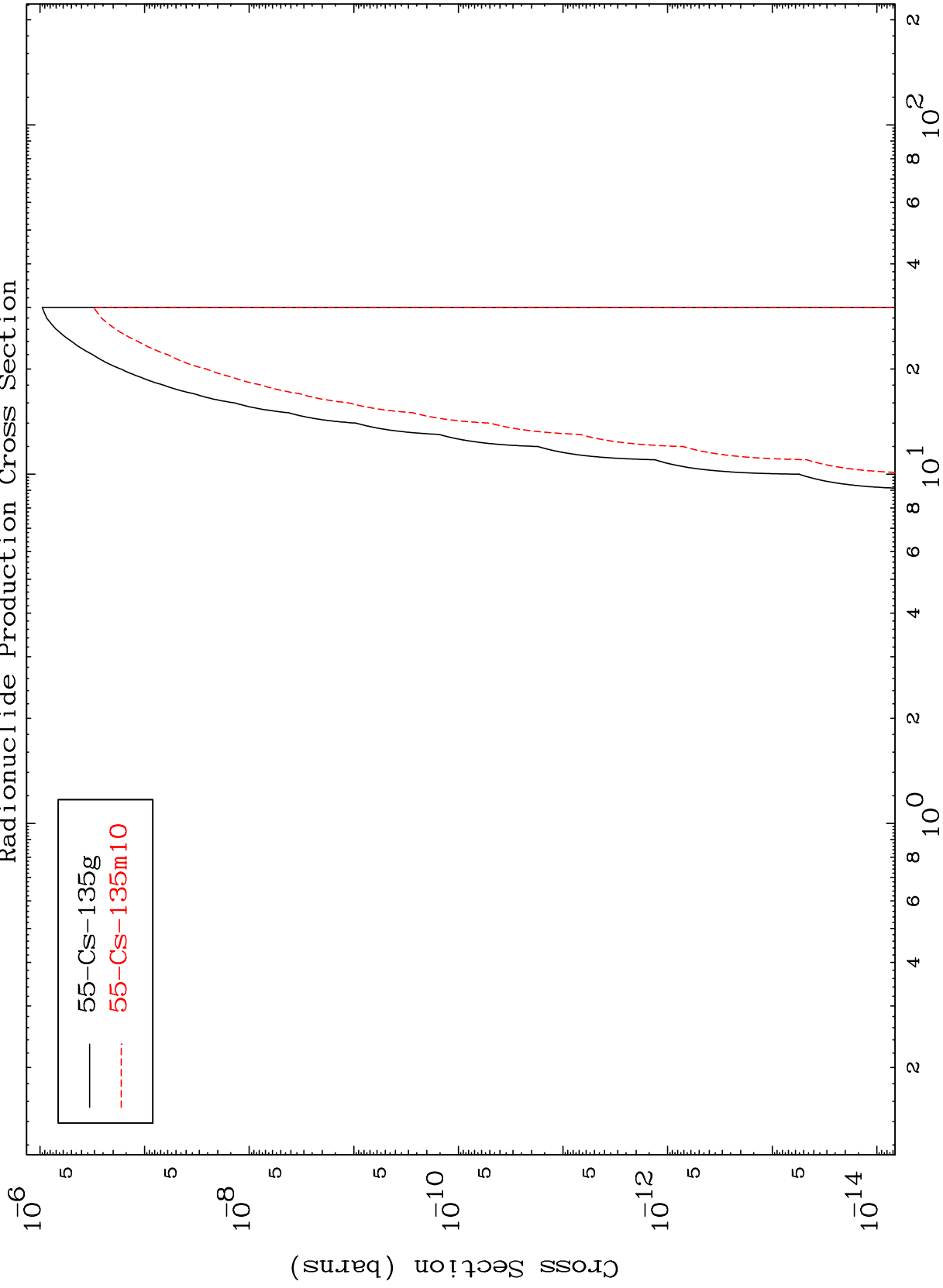
56-Ba-137

MAT 5646

(n,p)  $\alpha$

56-Ba-137

Radionuclide Production Cross Section



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

25

Incident Energy (MeV)

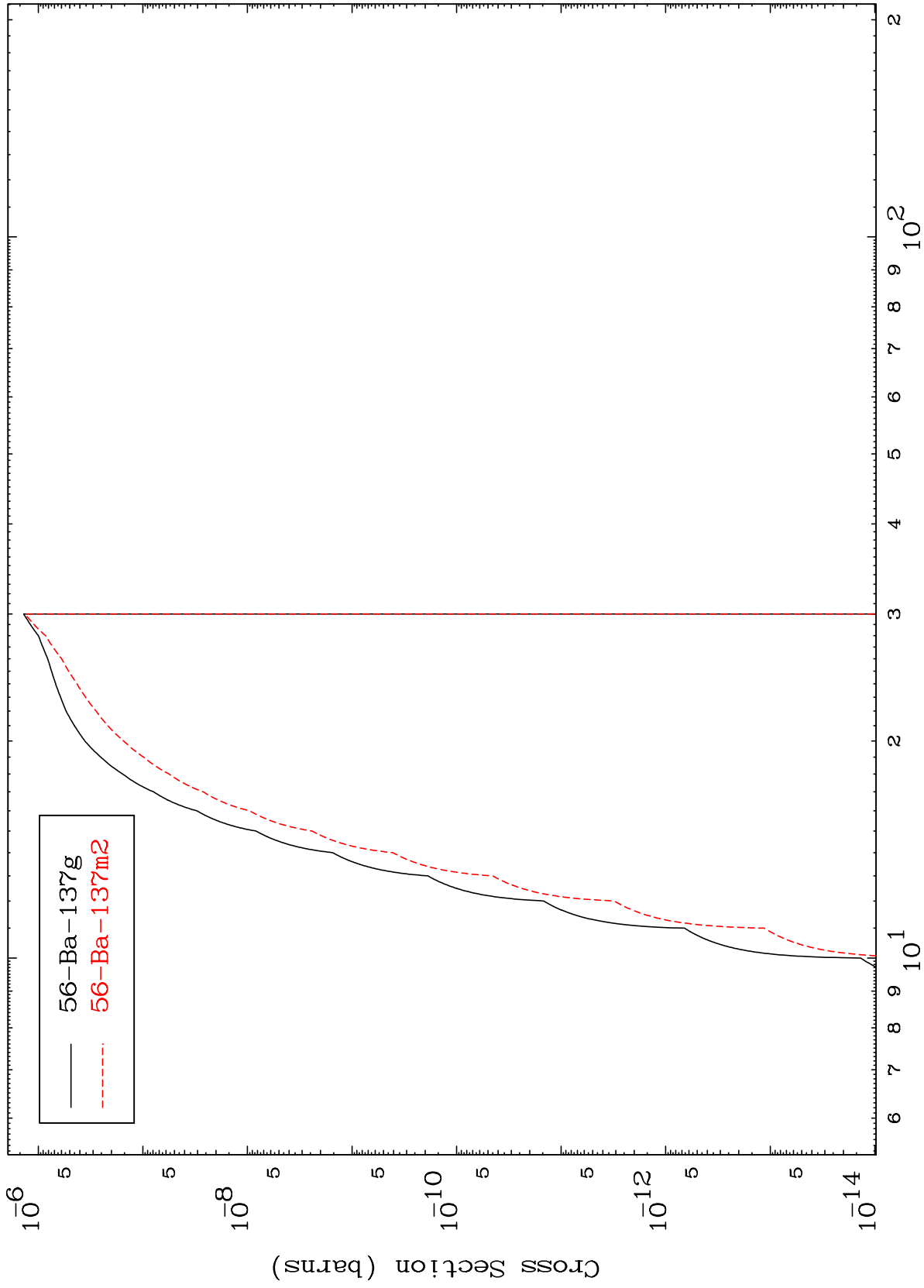
56-Ba-137

MAT 5646

(n,p) d

56-Ba-137

Radionuclide Production Cross Section



26

Incident Energy (MeV)

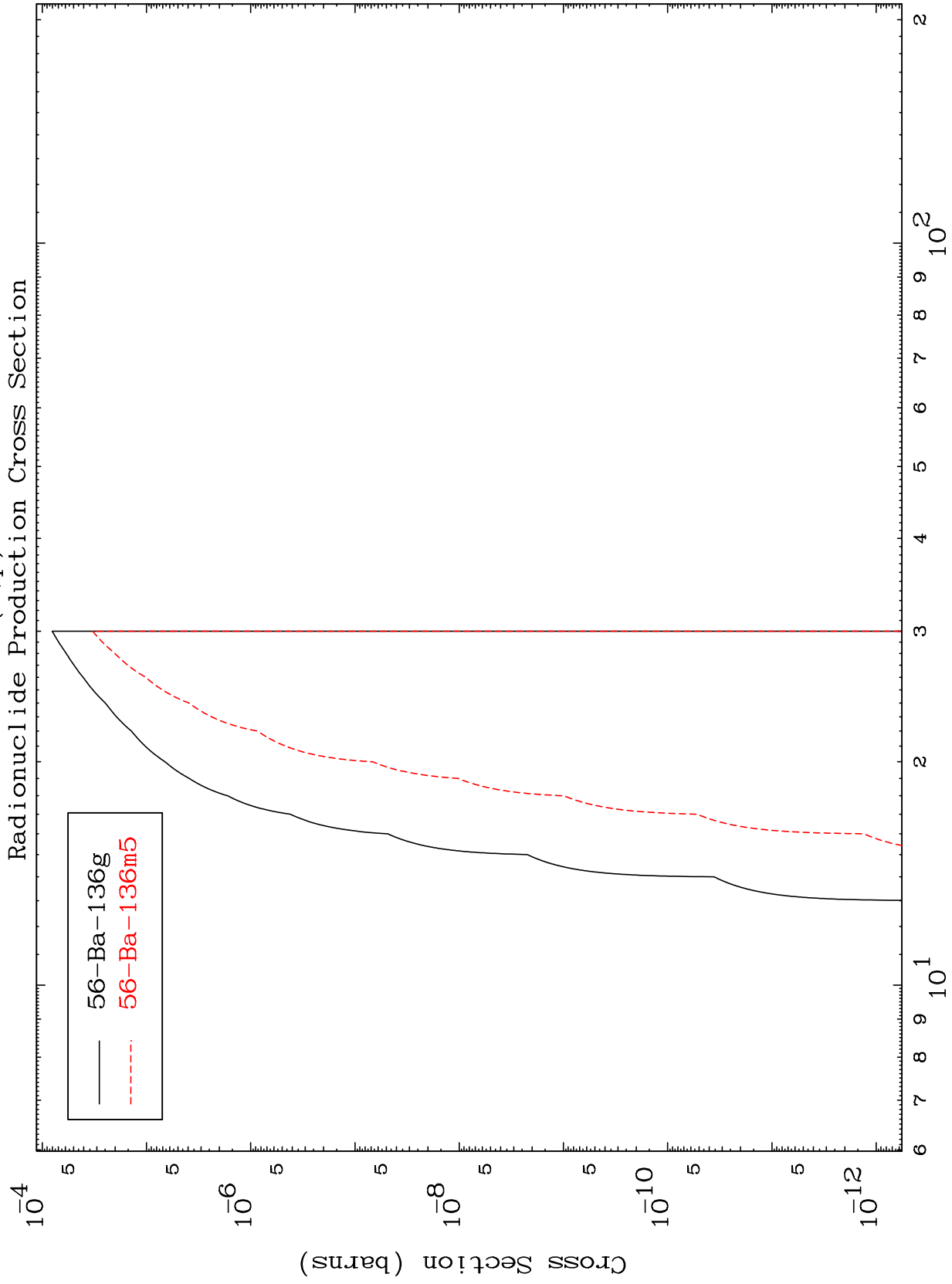
56-Ba-137

MAT 5646

(n,p) t

56-Ba-137

Radionuclide Production Cross Section



27

Incident Energy (MeV)

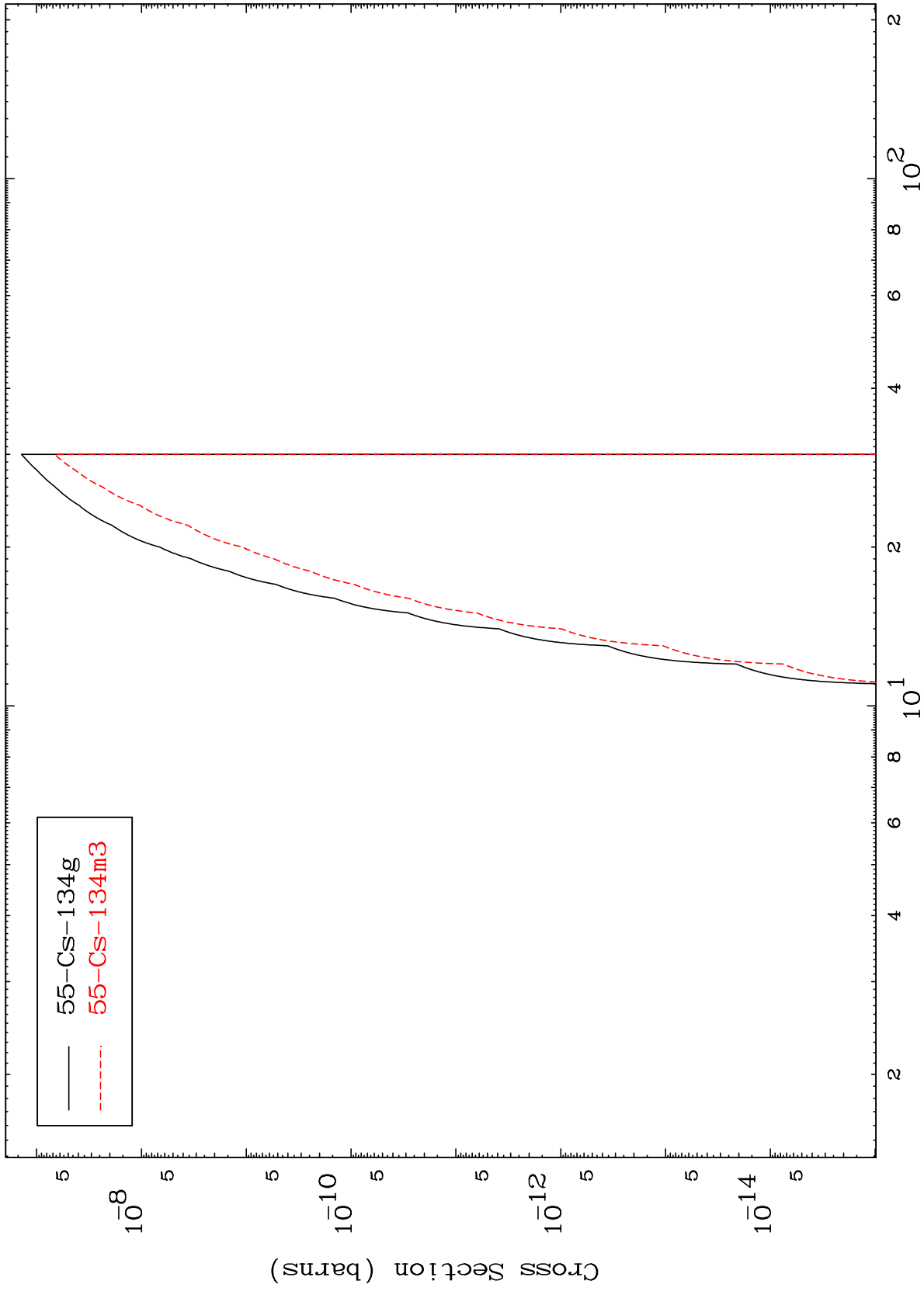
56-Ba-137

MAT 5646

(n,d)  $\alpha$

56-Ba-137

Radionuclide Production Cross Section



28

Incident Energy (MeV)

56-Ba-137