

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

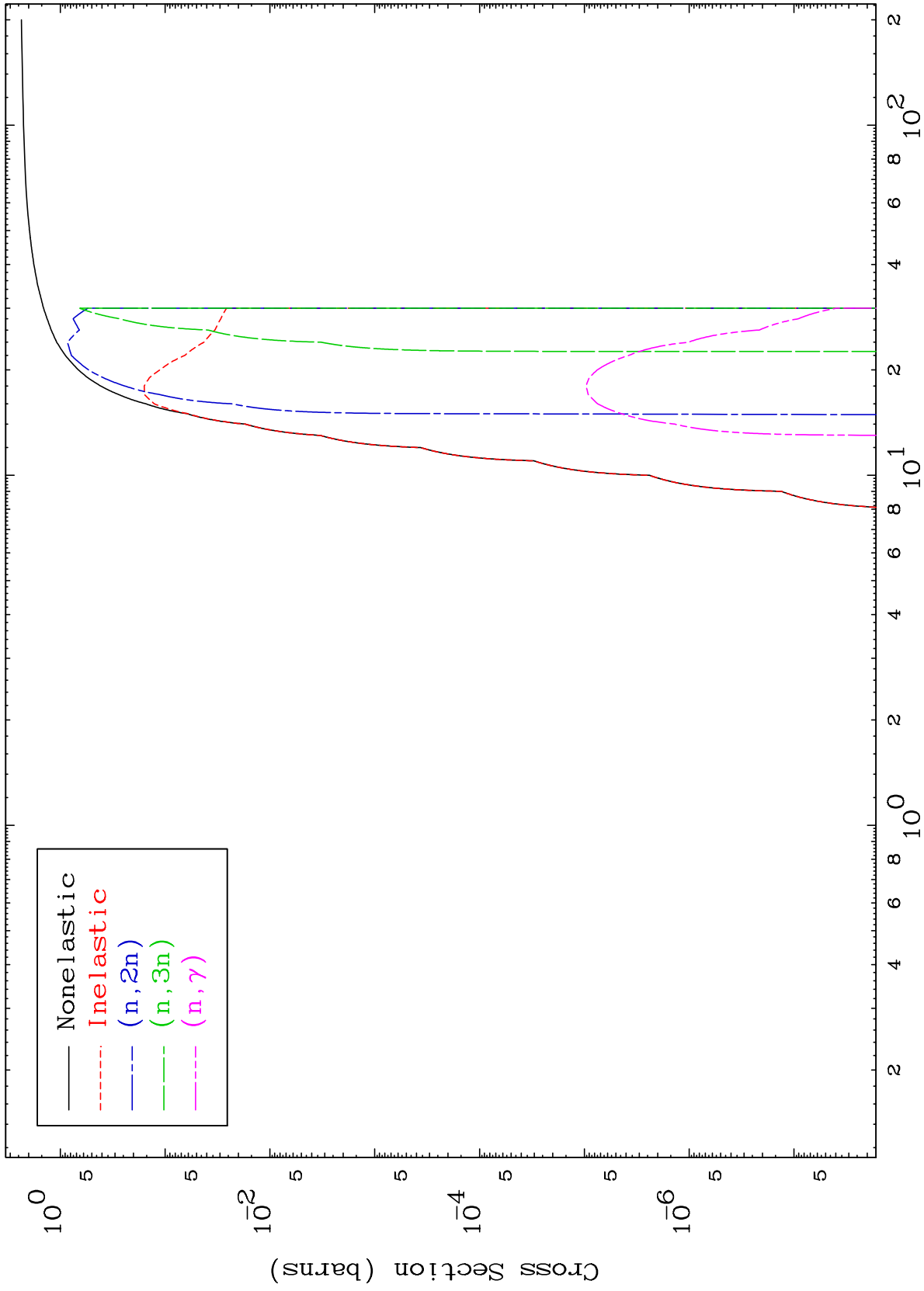
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5646

0 Kelvin  $\alpha$  Major  
Cross Sections

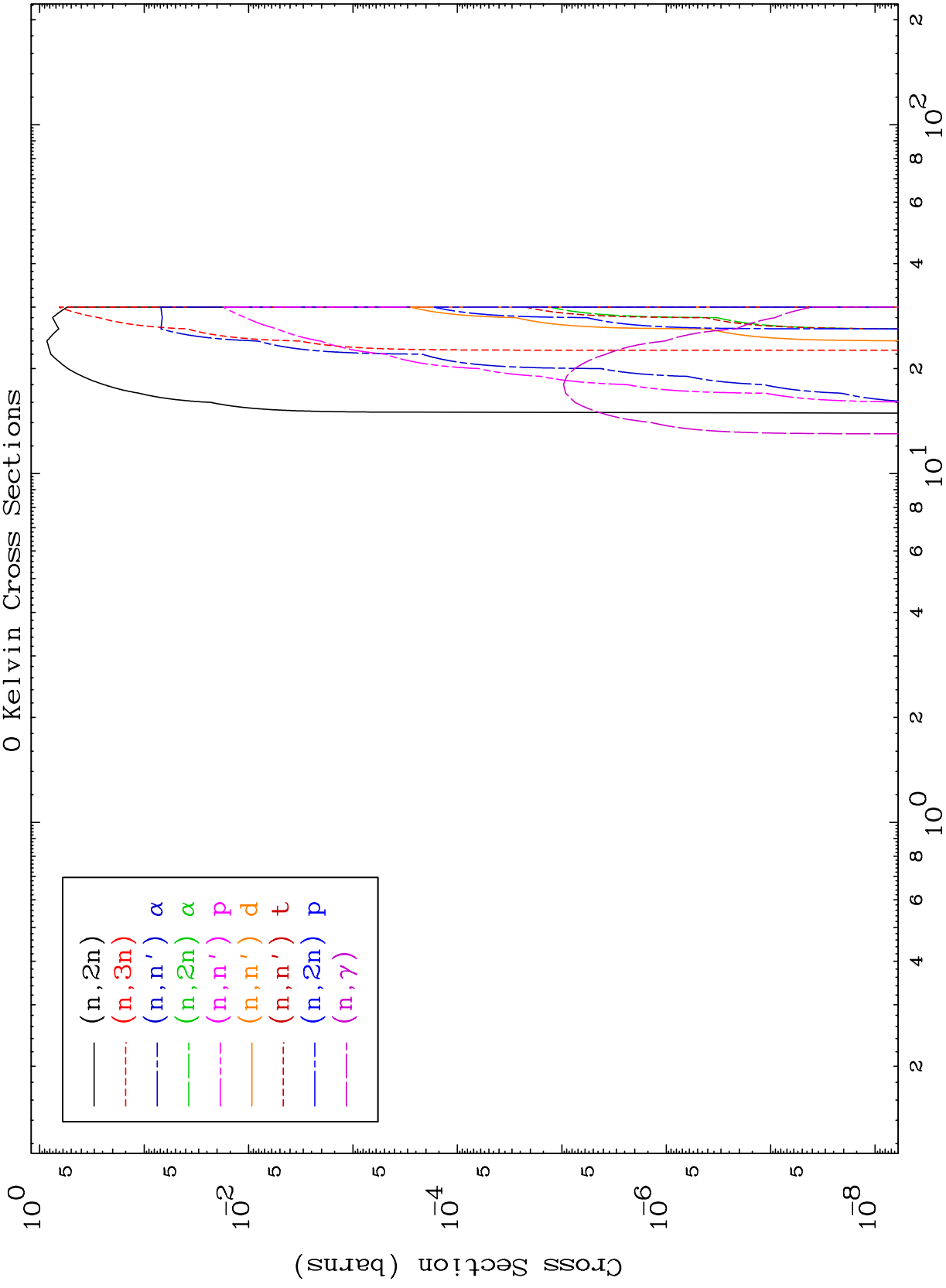
56-Ba-137



MAT 5646

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

56-Ba-137



2

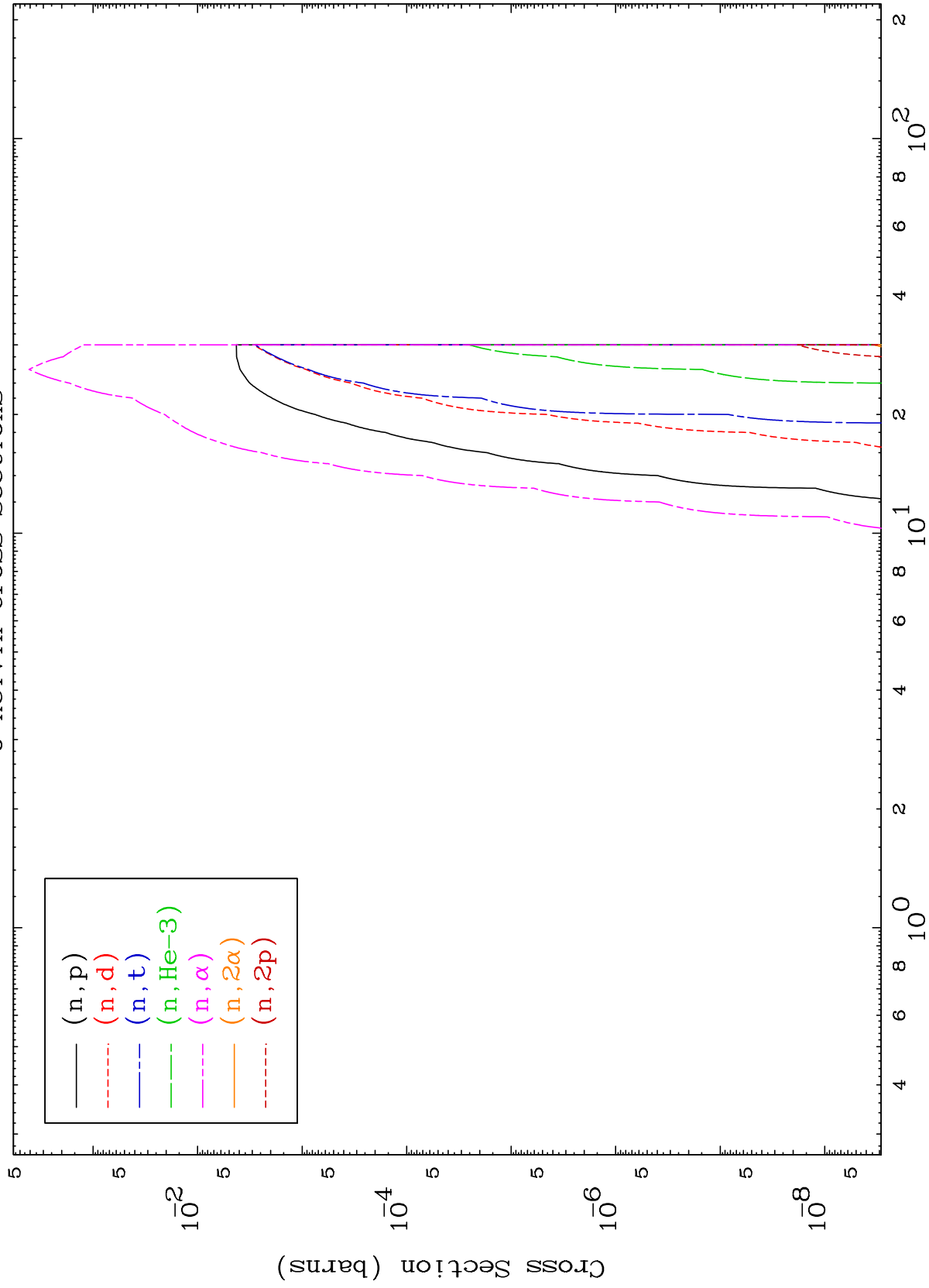
Incident Energy (MeV)

56-Ba-137

MAT 5646

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

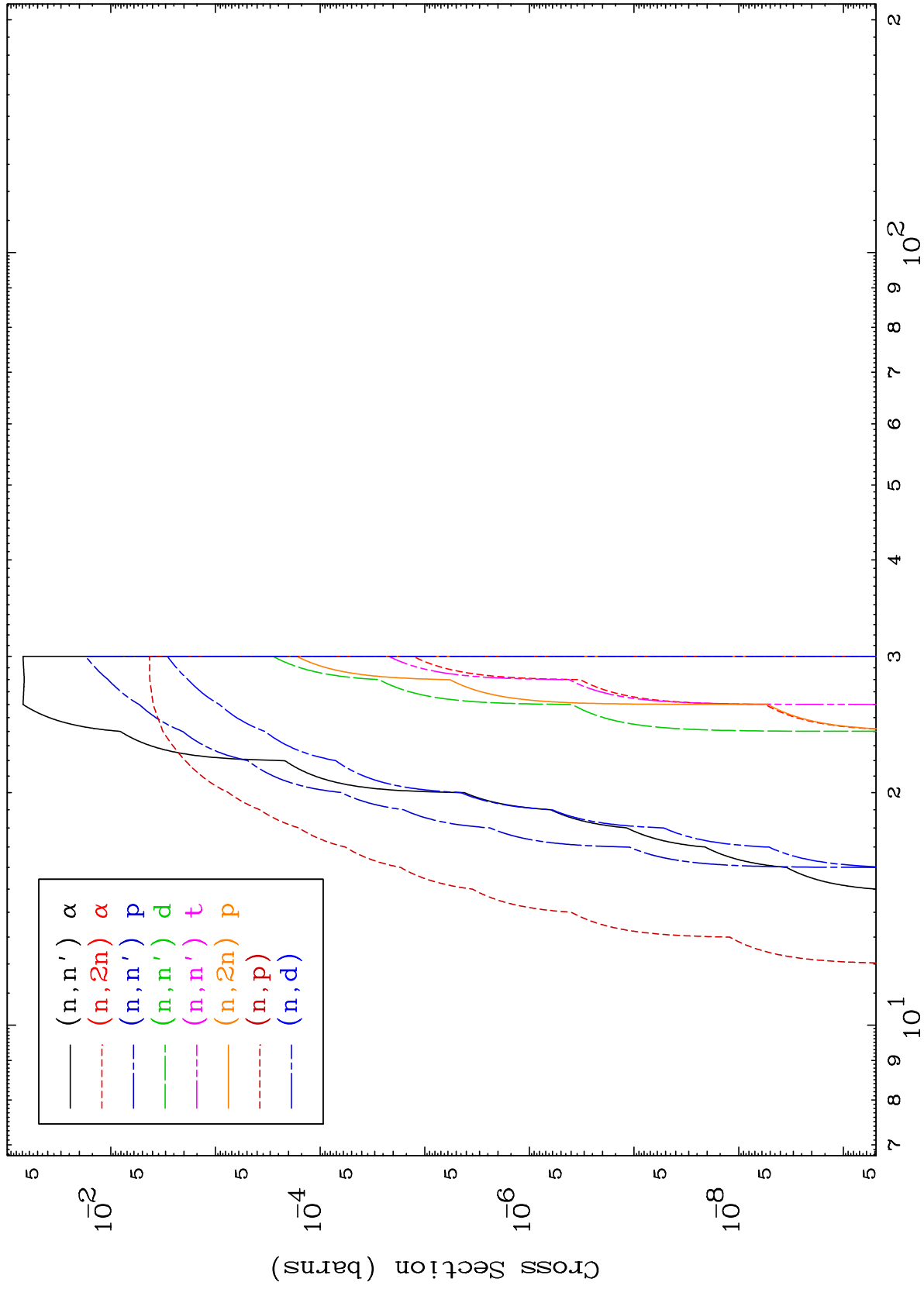
56-Ba-137



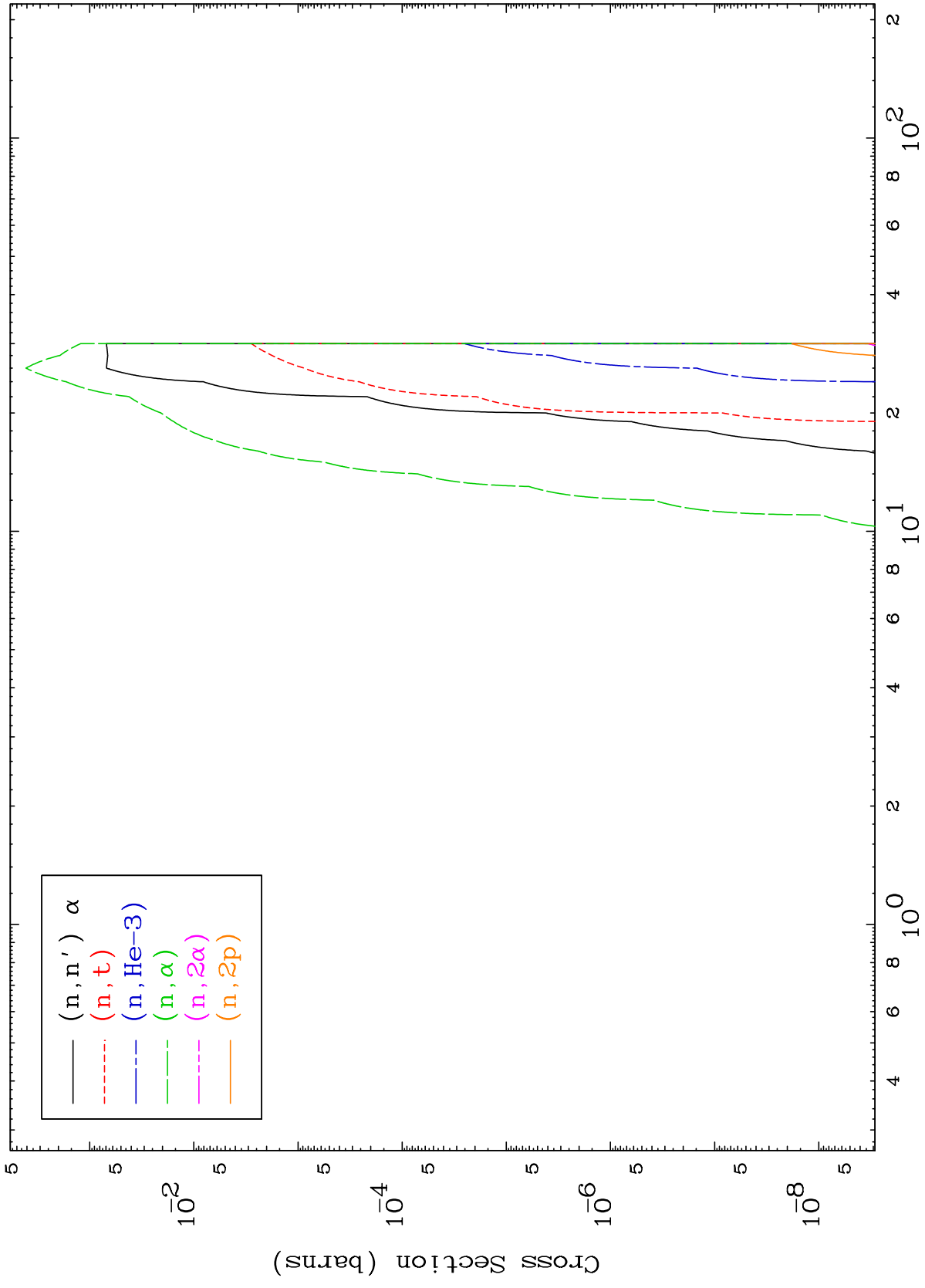
3

Incident Energy (MeV)

56-Ba-137



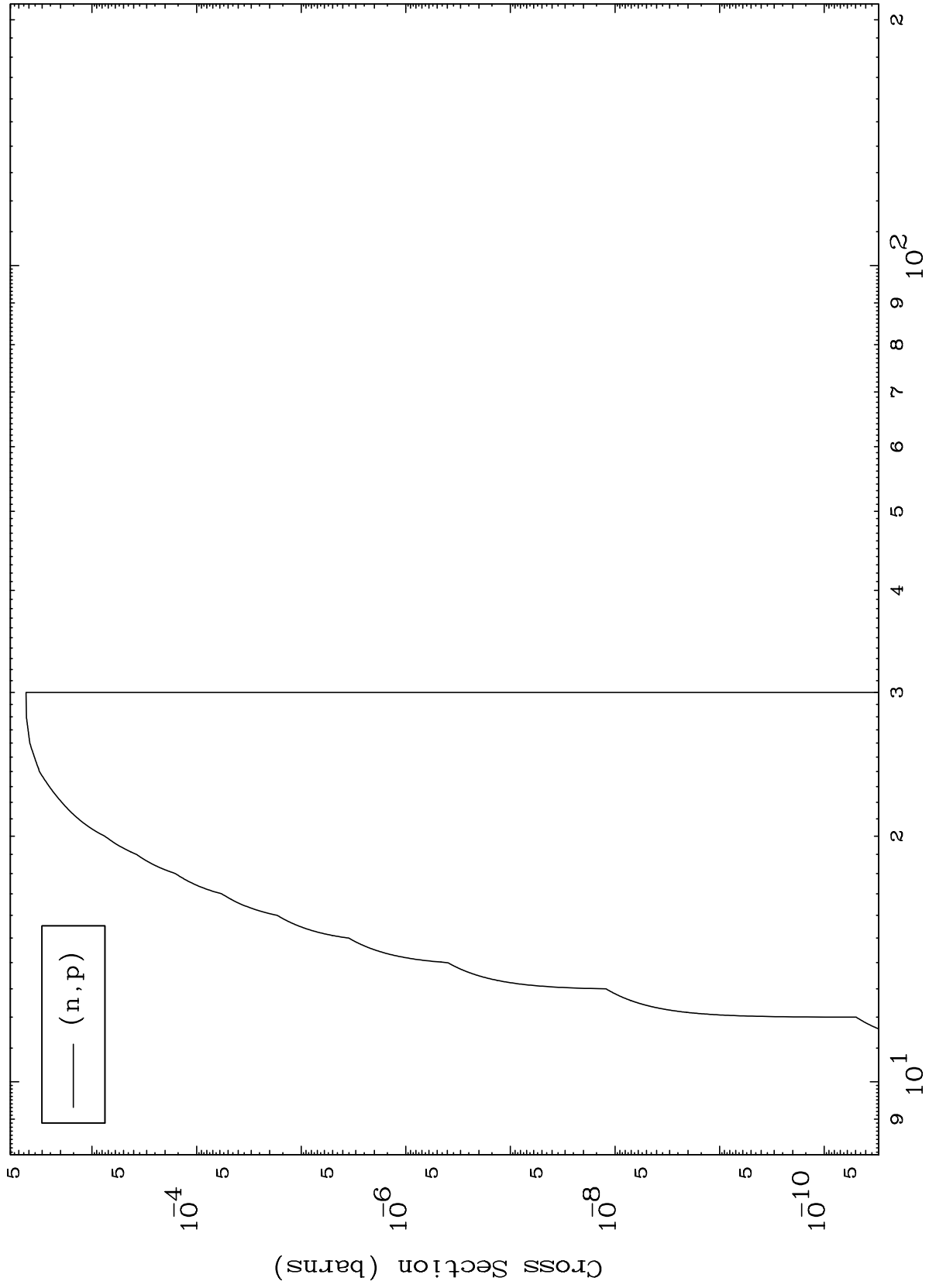
0 Kelvin Cross Sections



MAT 5646

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

56-Ba-137



6

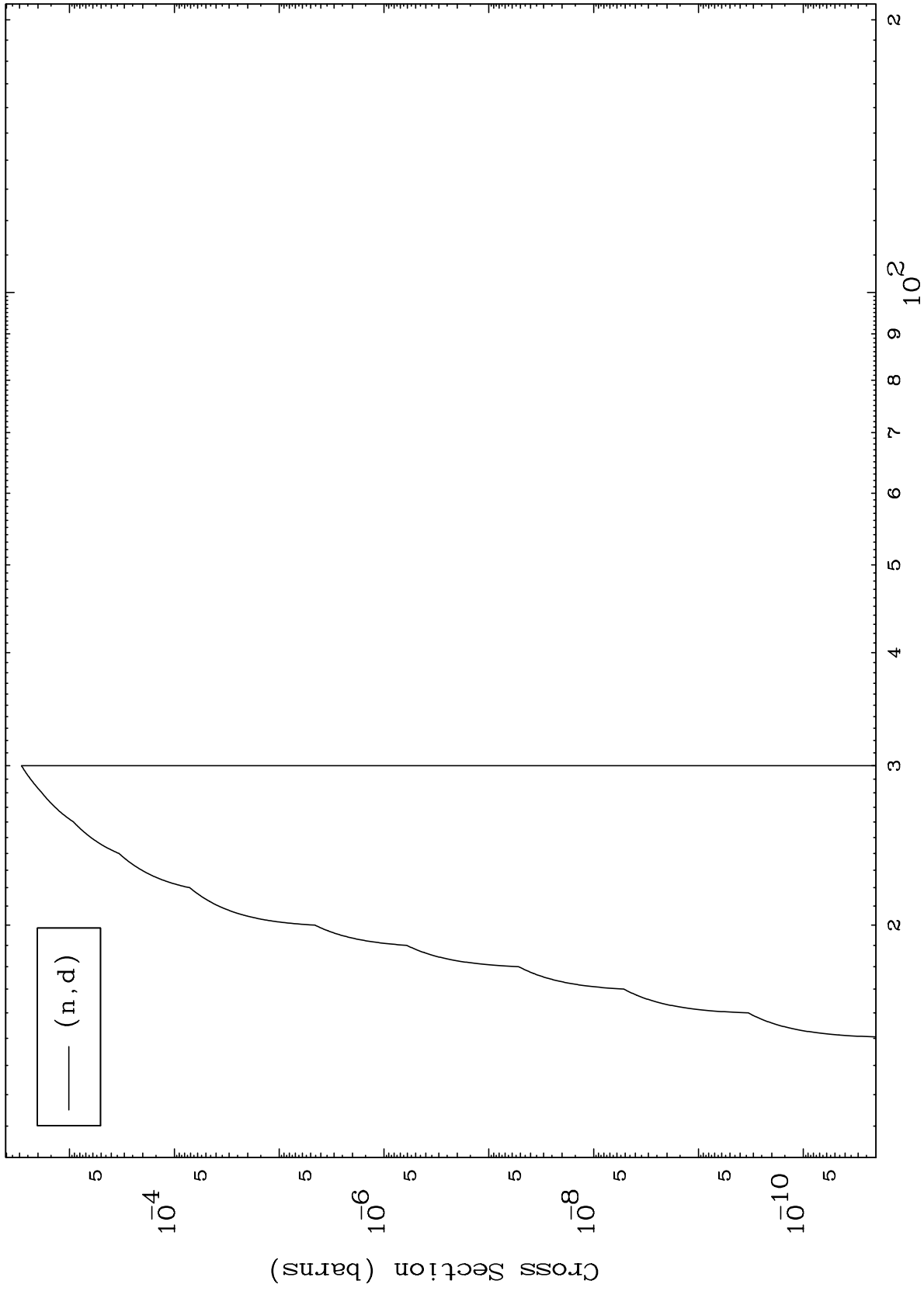
Incident Energy (MeV)

56-Ba-137

MAT 5646

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

56-Ba-137



7

Incident Energy (MeV)

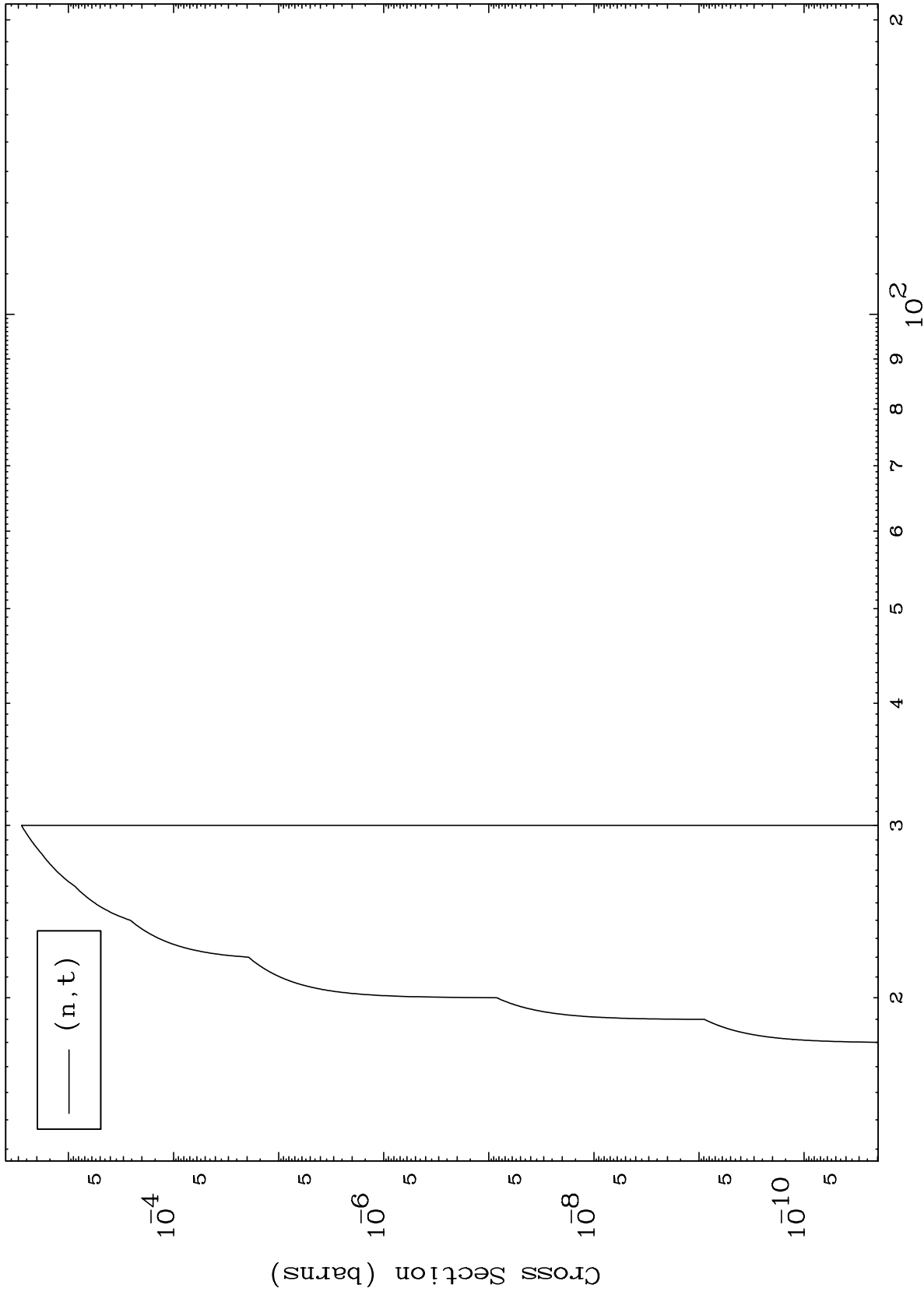
56-Ba-137

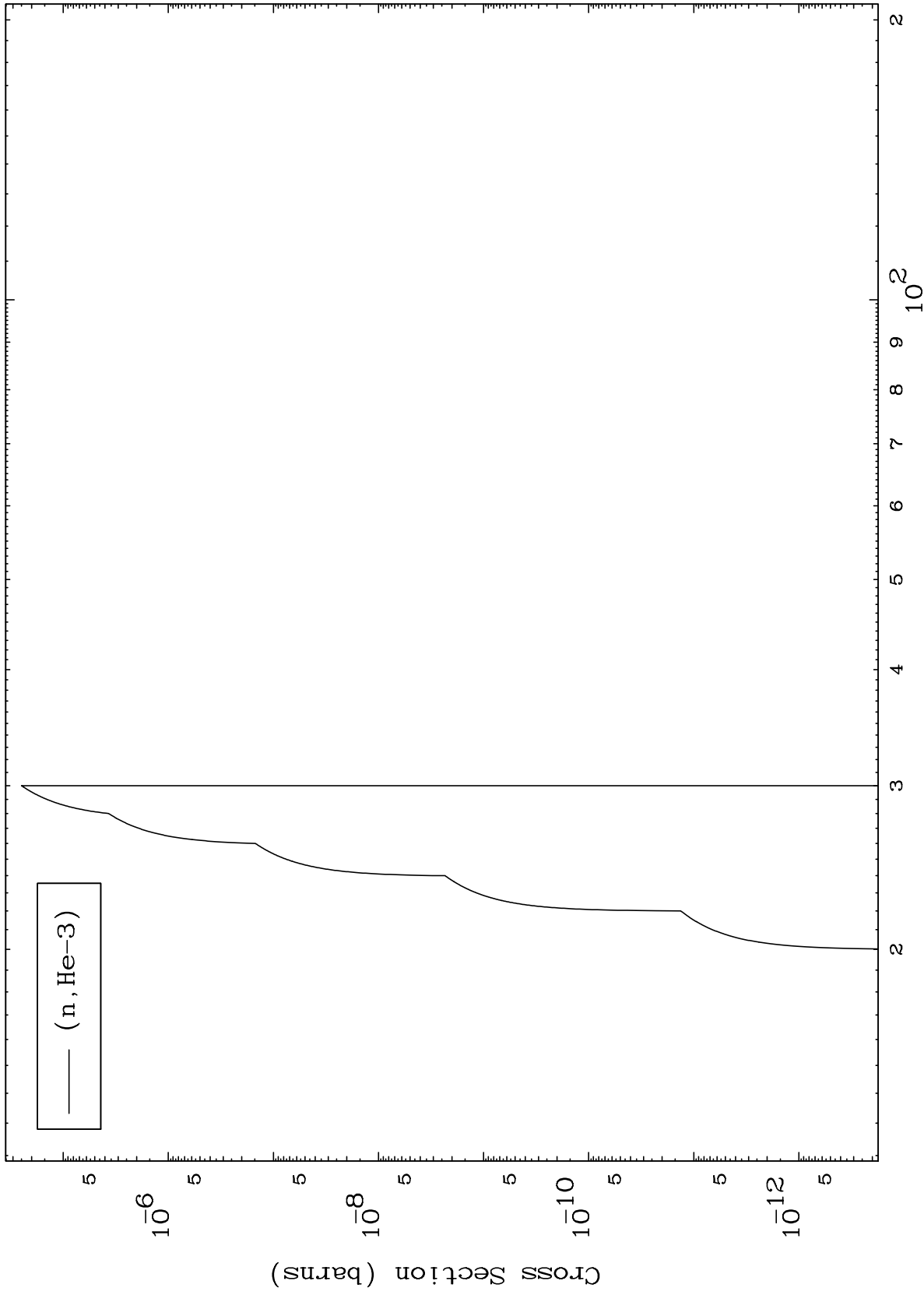


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( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

56-Ba-137

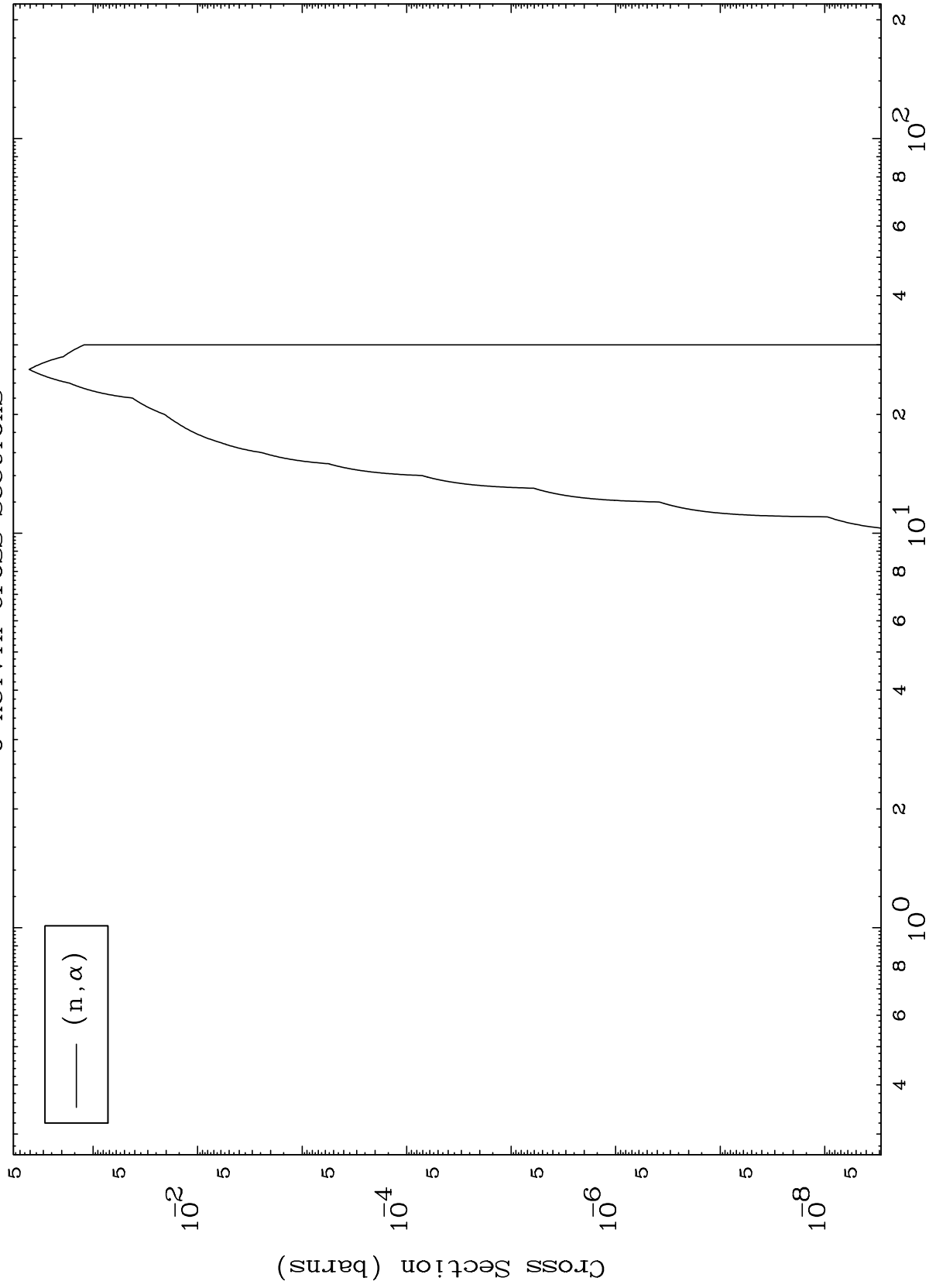




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$(\alpha, \alpha)$  Levels  
0 Kelvin Cross Sections

56-Ba-137



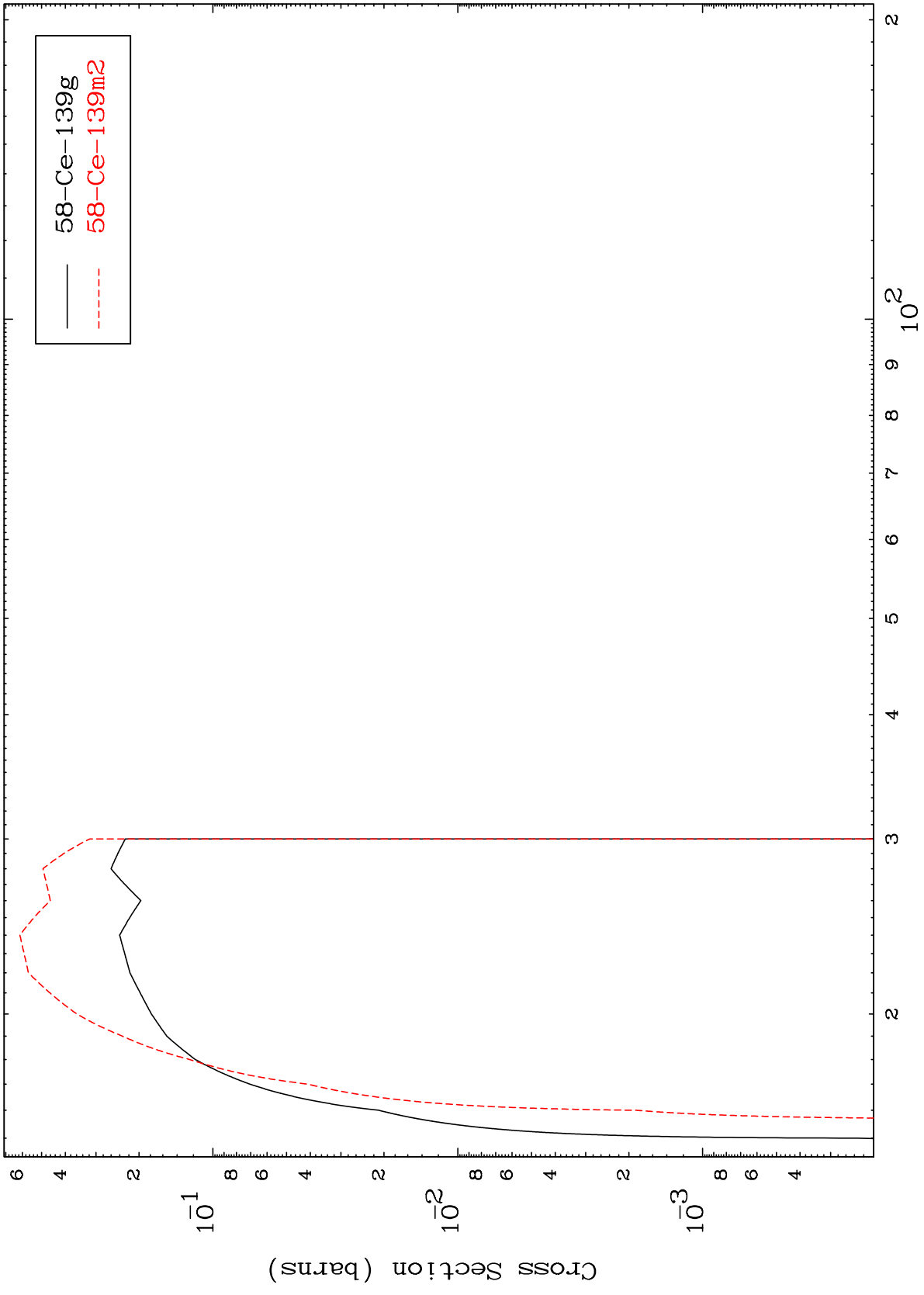
10

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(n,2n)

56-Ba-137

Radionuclide Production Cross Section



11

Incident Energy (MeV)

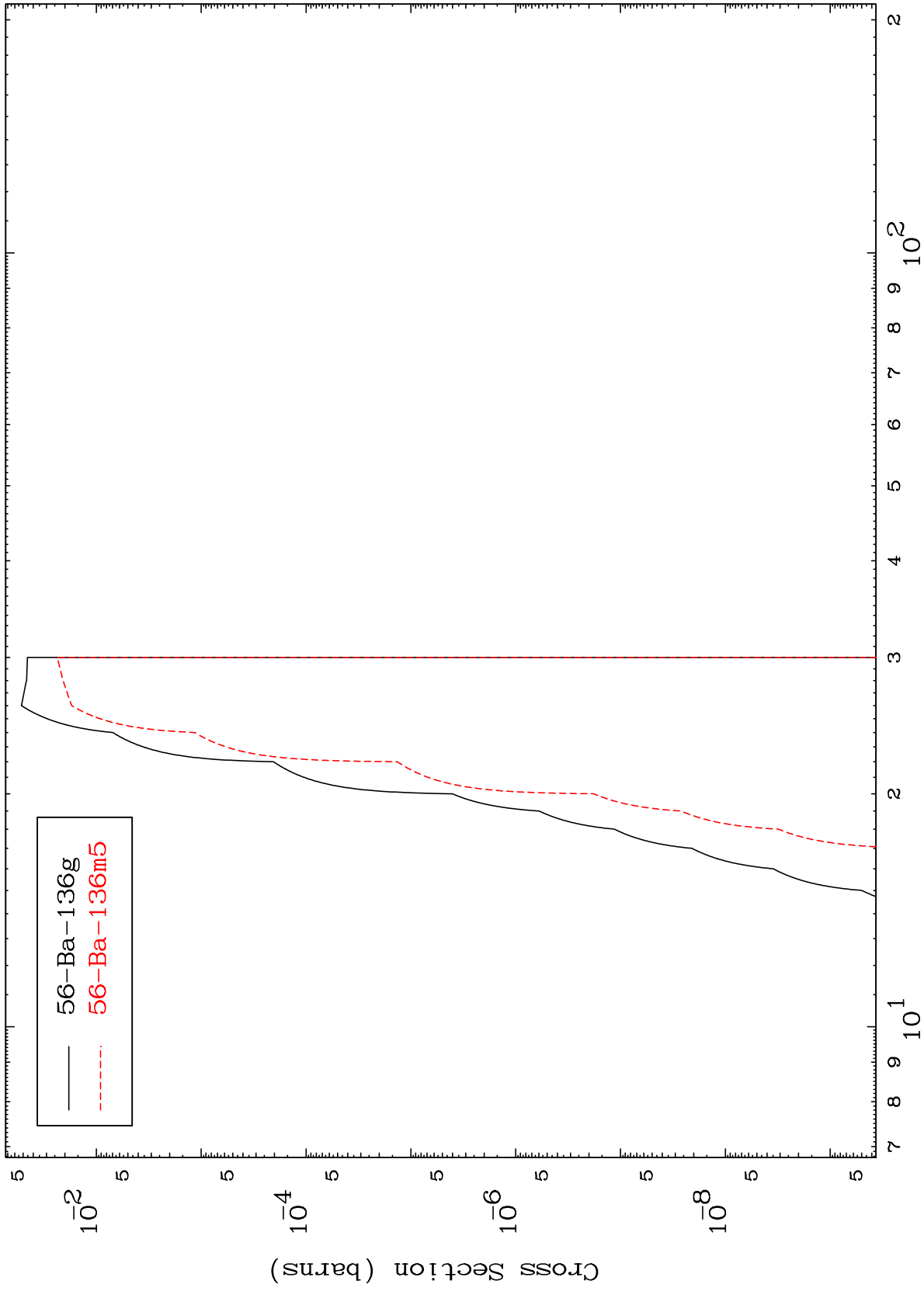
56-Ba-137

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(n,n')  $\alpha$

56-Ba-137

Radionuclide Production Cross Section



12

Incident Energy (MeV)

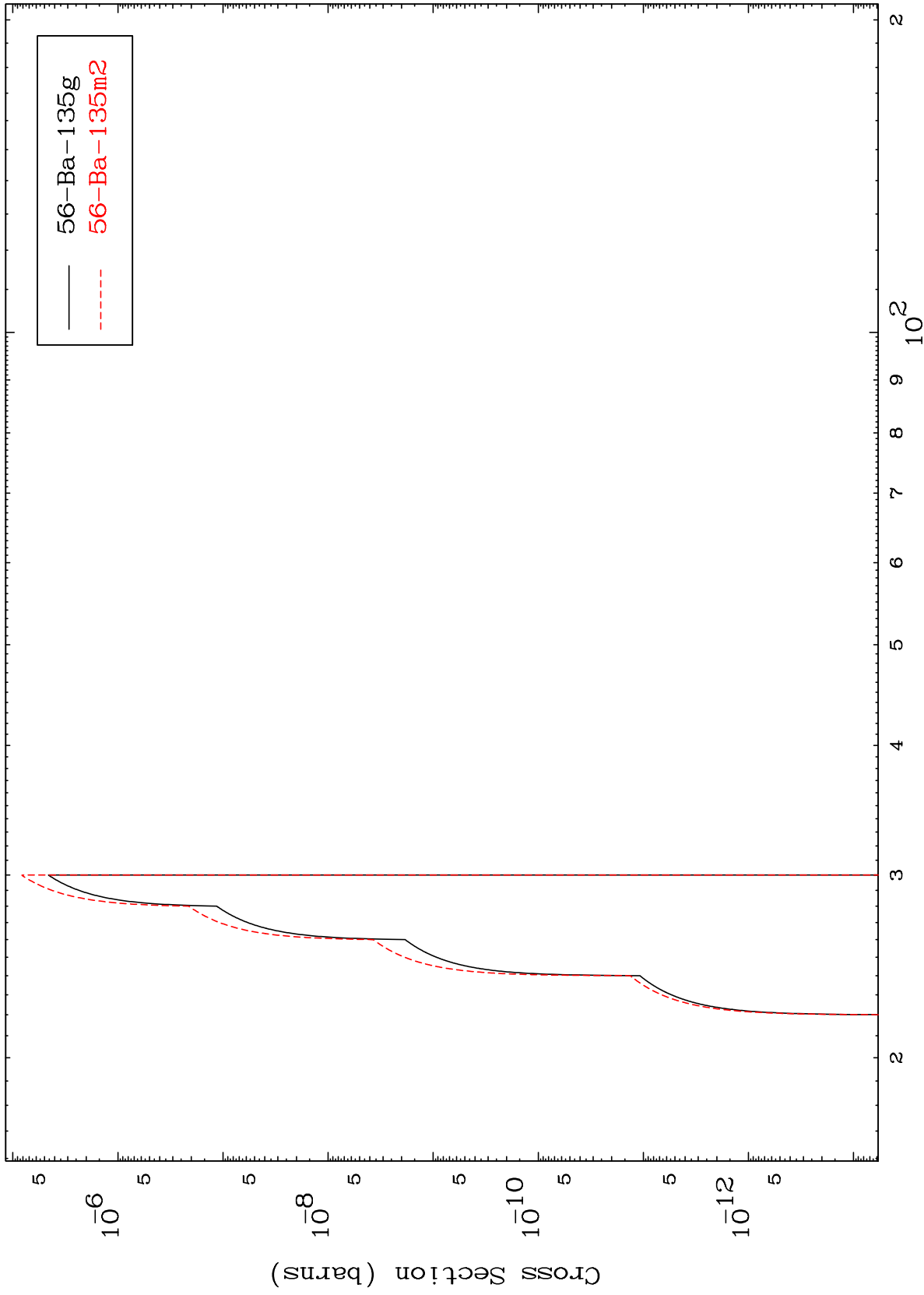
56-Ba-137

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(n,2n)  $\alpha$

56-Ba-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

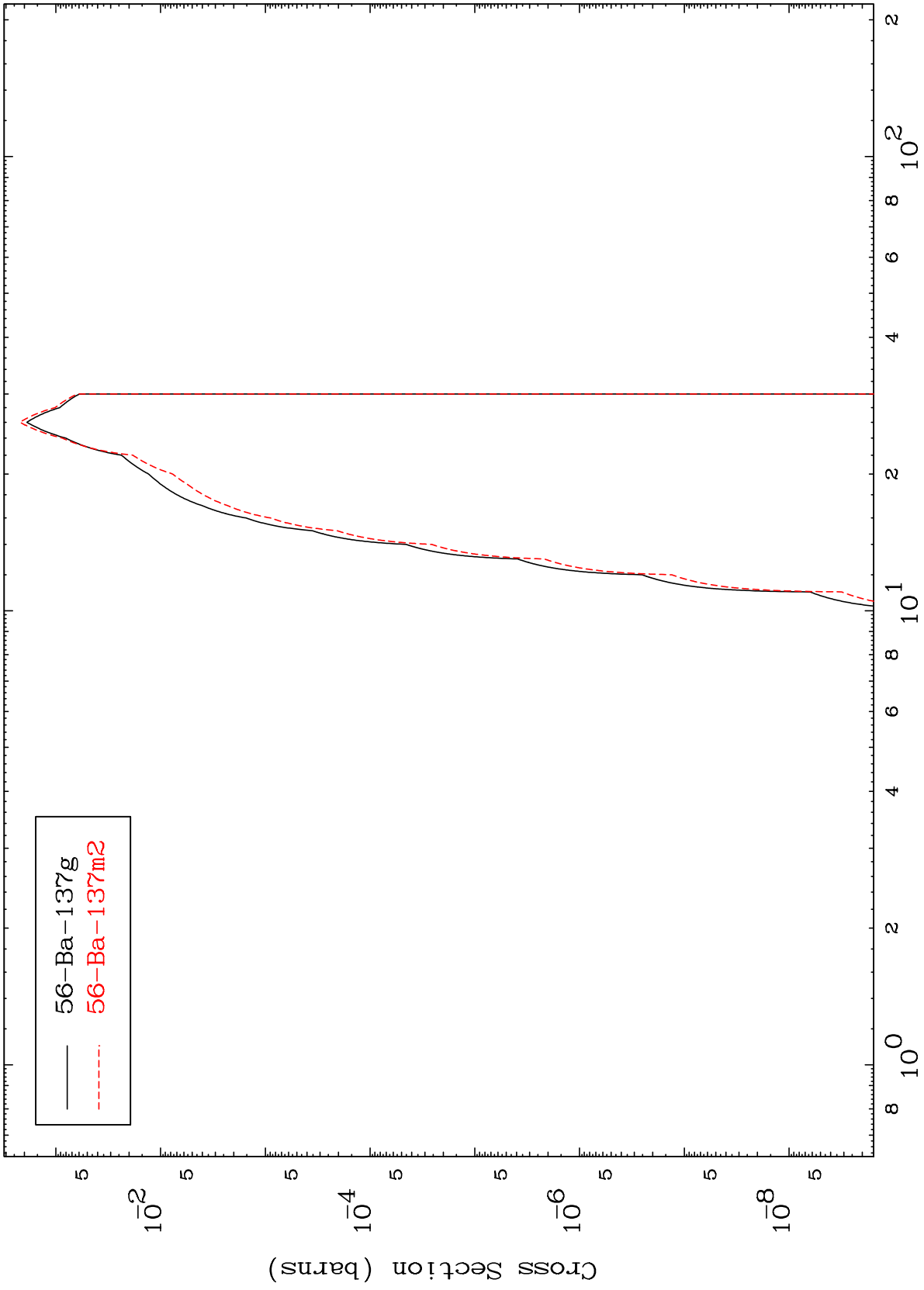
56-Ba-137

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(n,  $\alpha$ )

56-Ba-137

Radionuclide Production Cross Section



14

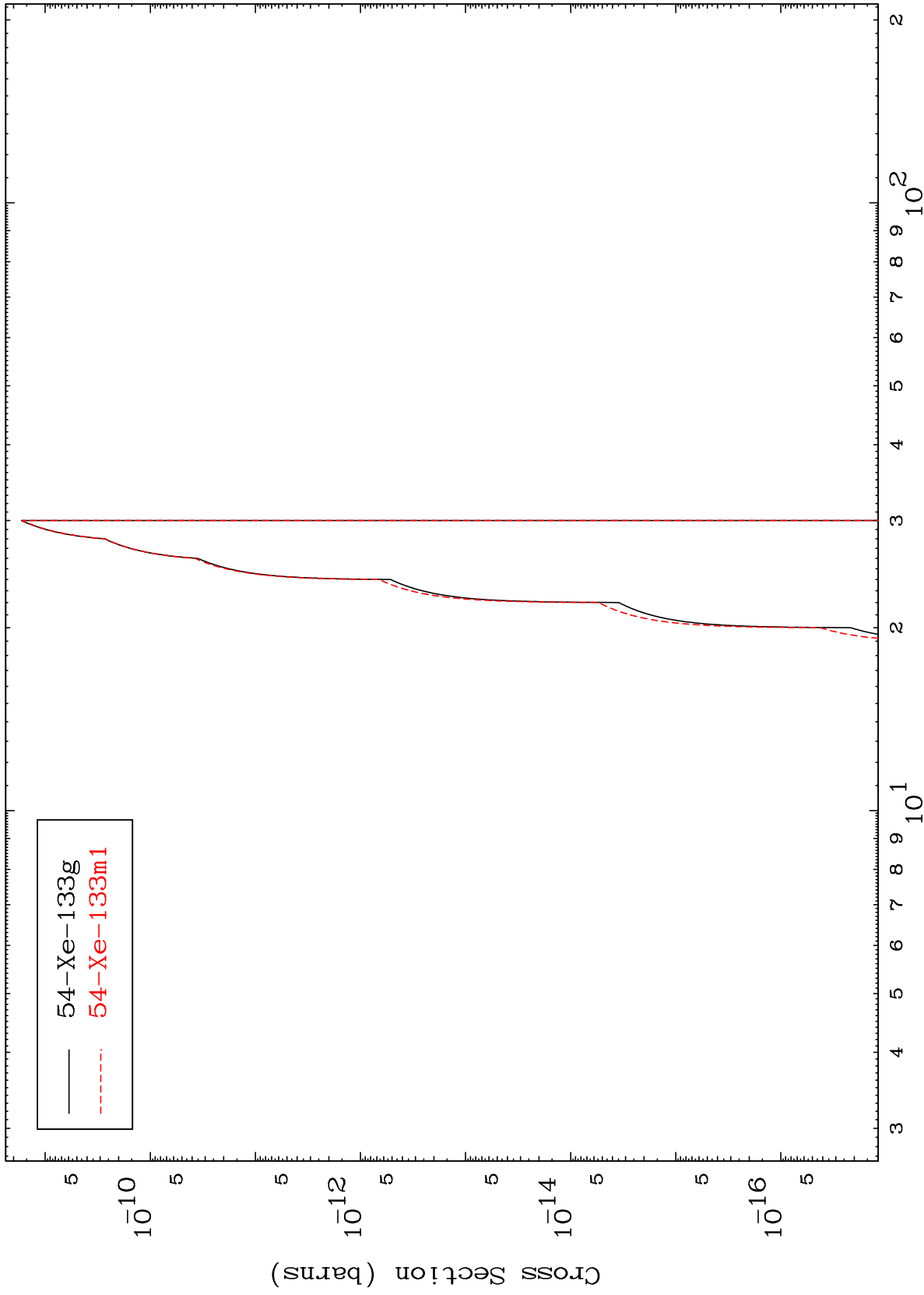
Incident Energy (MeV)

56-Ba-137

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56-Ba-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

56-Ba-137

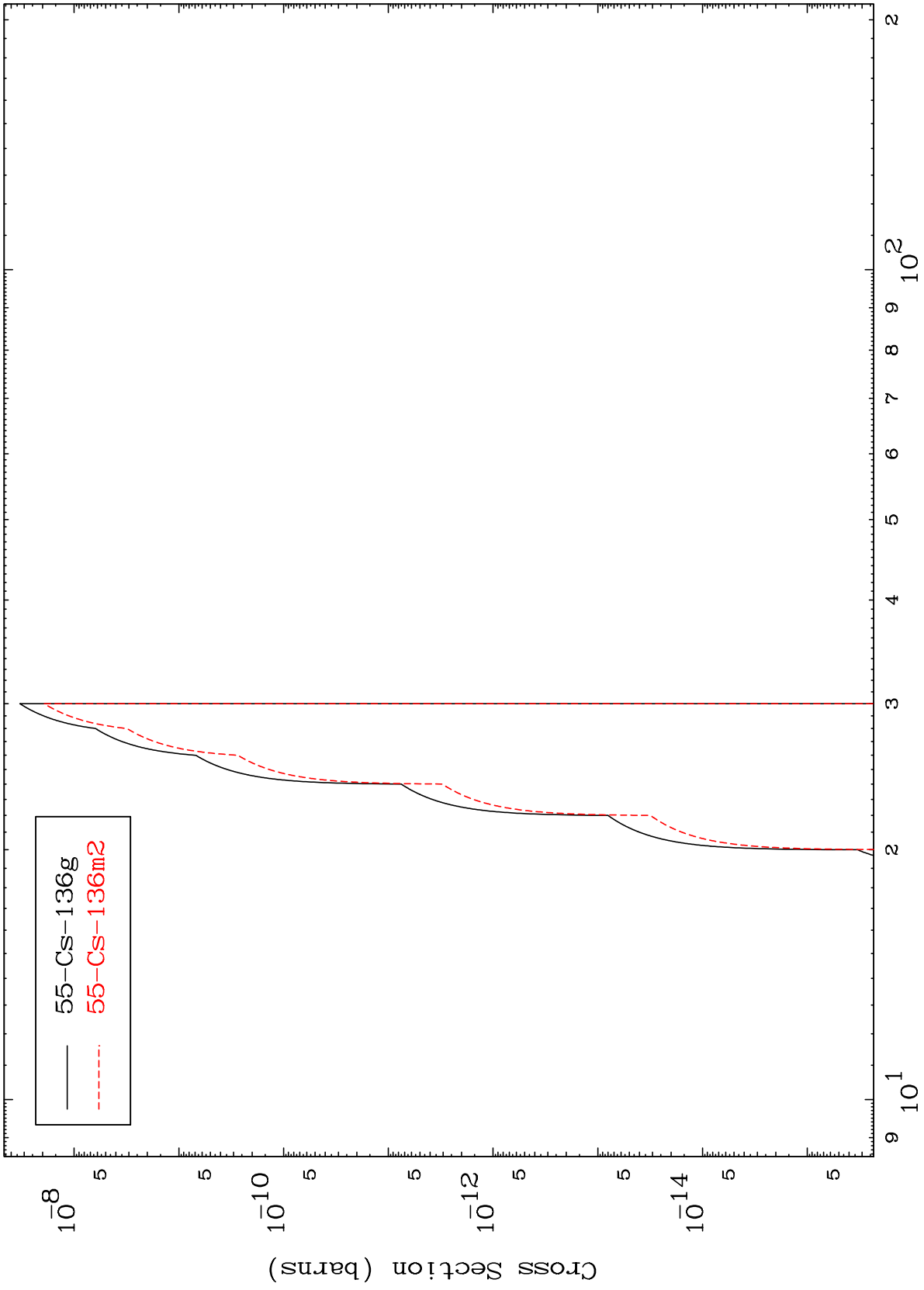


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(n,p)  $\alpha$

56-Ba-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

56-Ba-137