

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

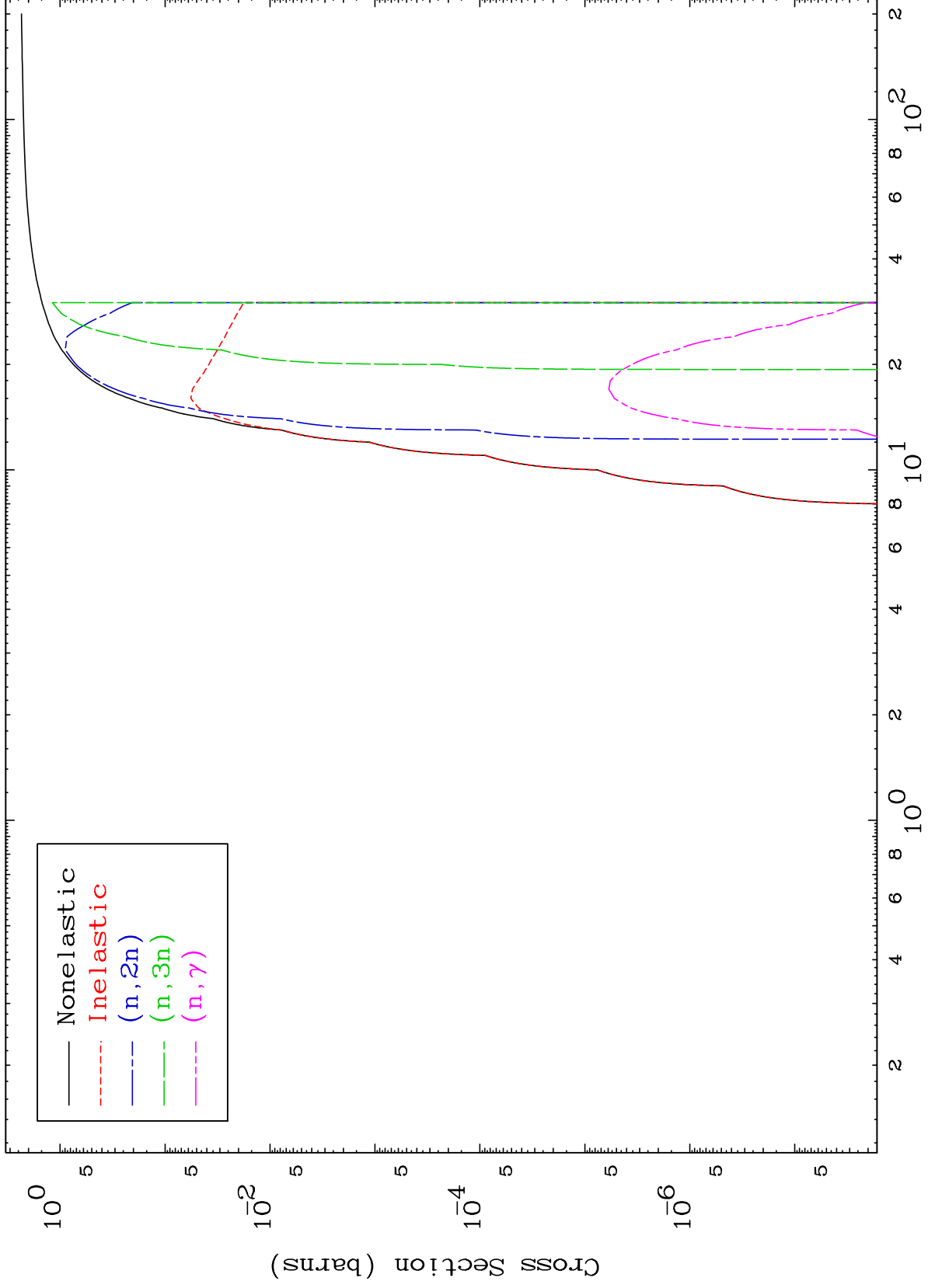
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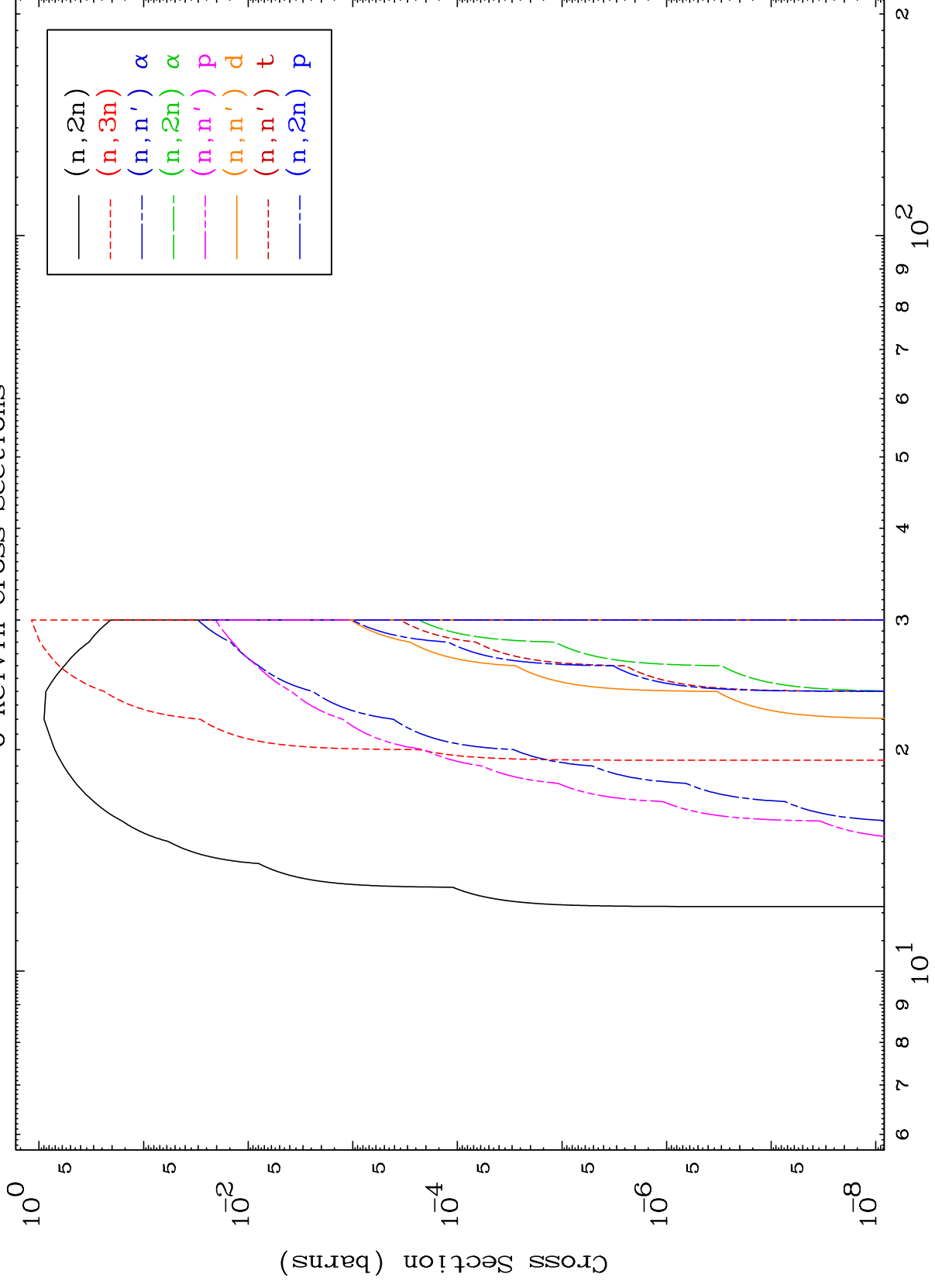
Press Mouse Button to Start

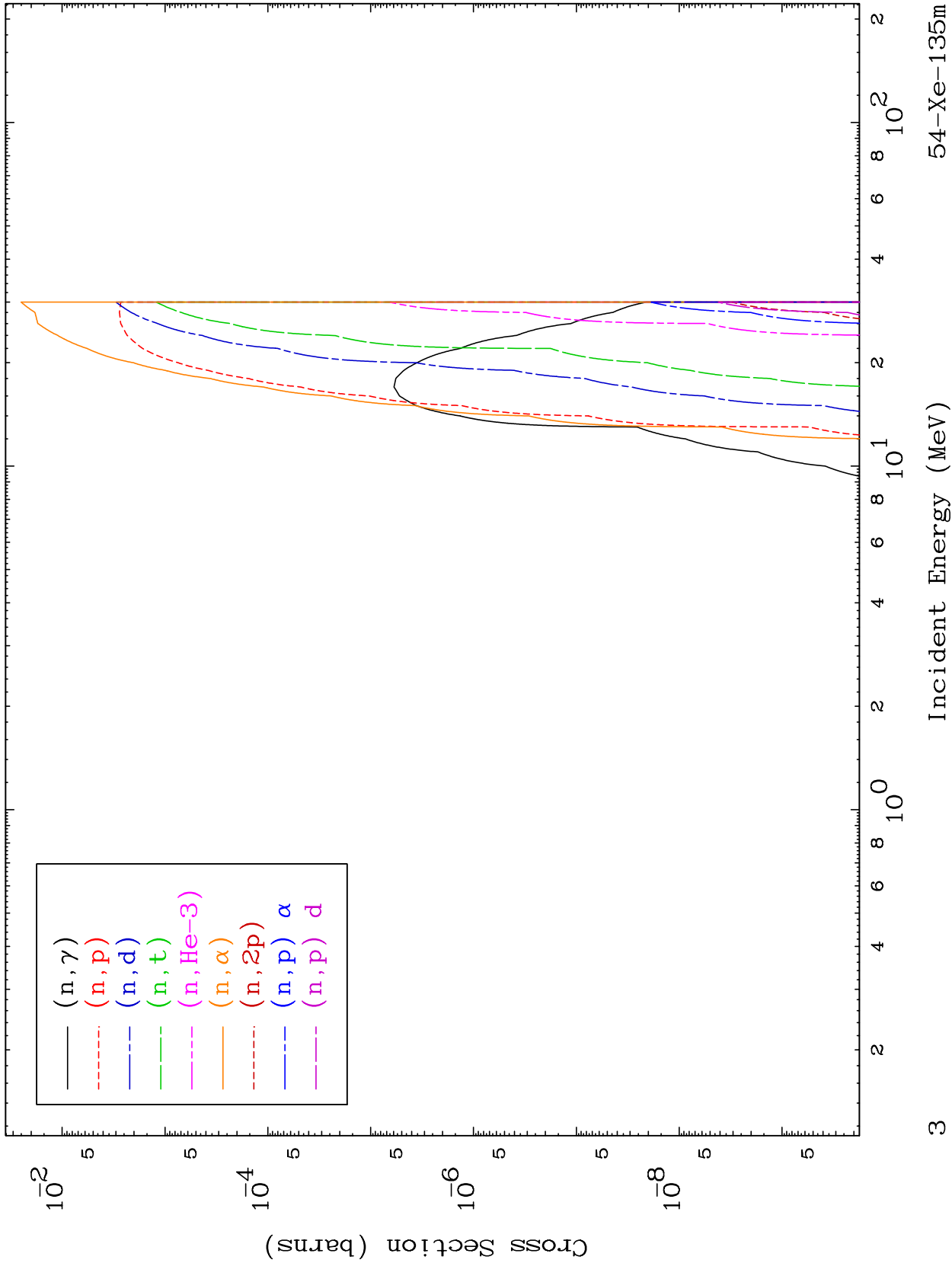
MAT 5459

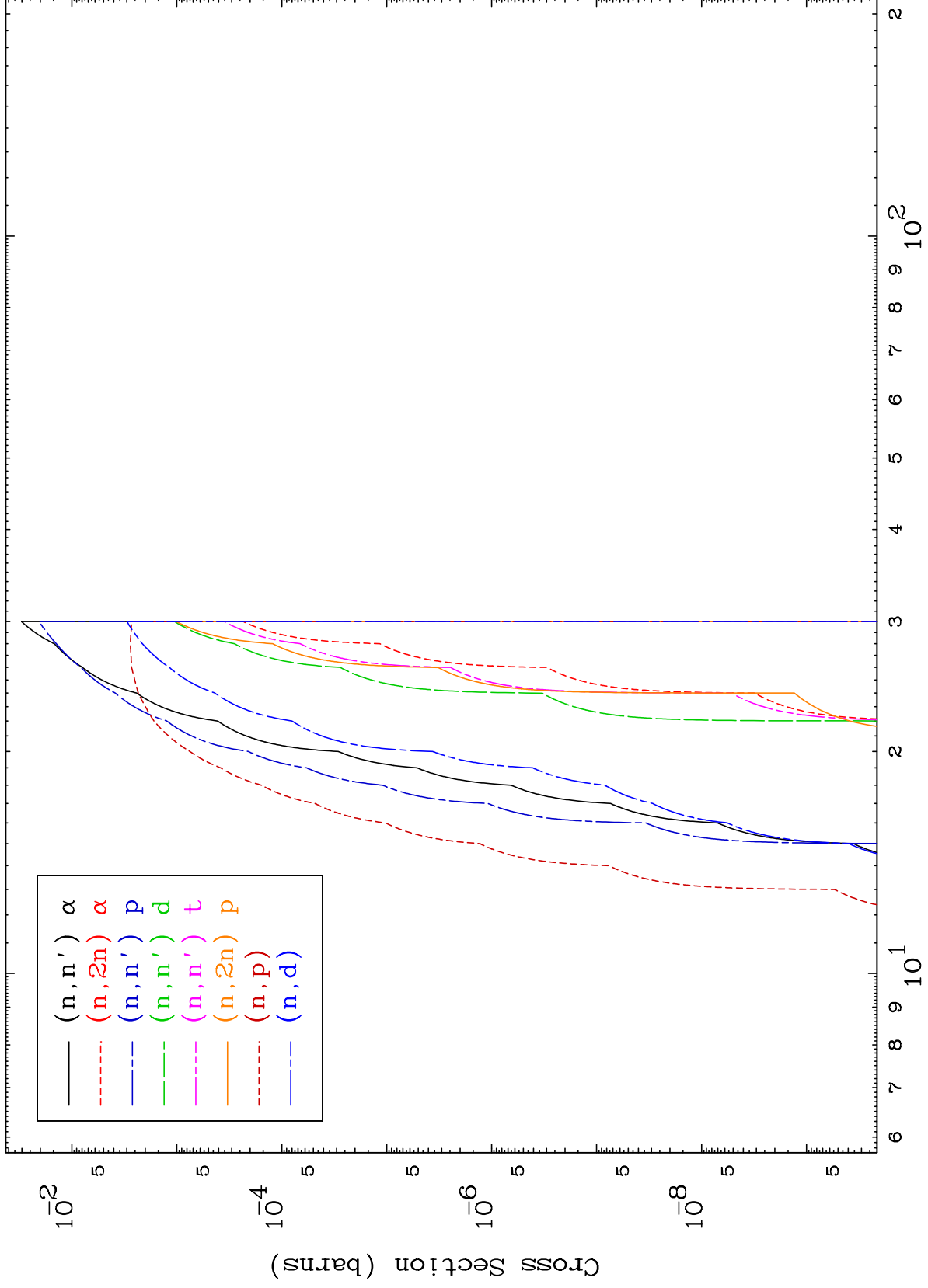
0 Kelvin  $\alpha$  Major Cross Sections

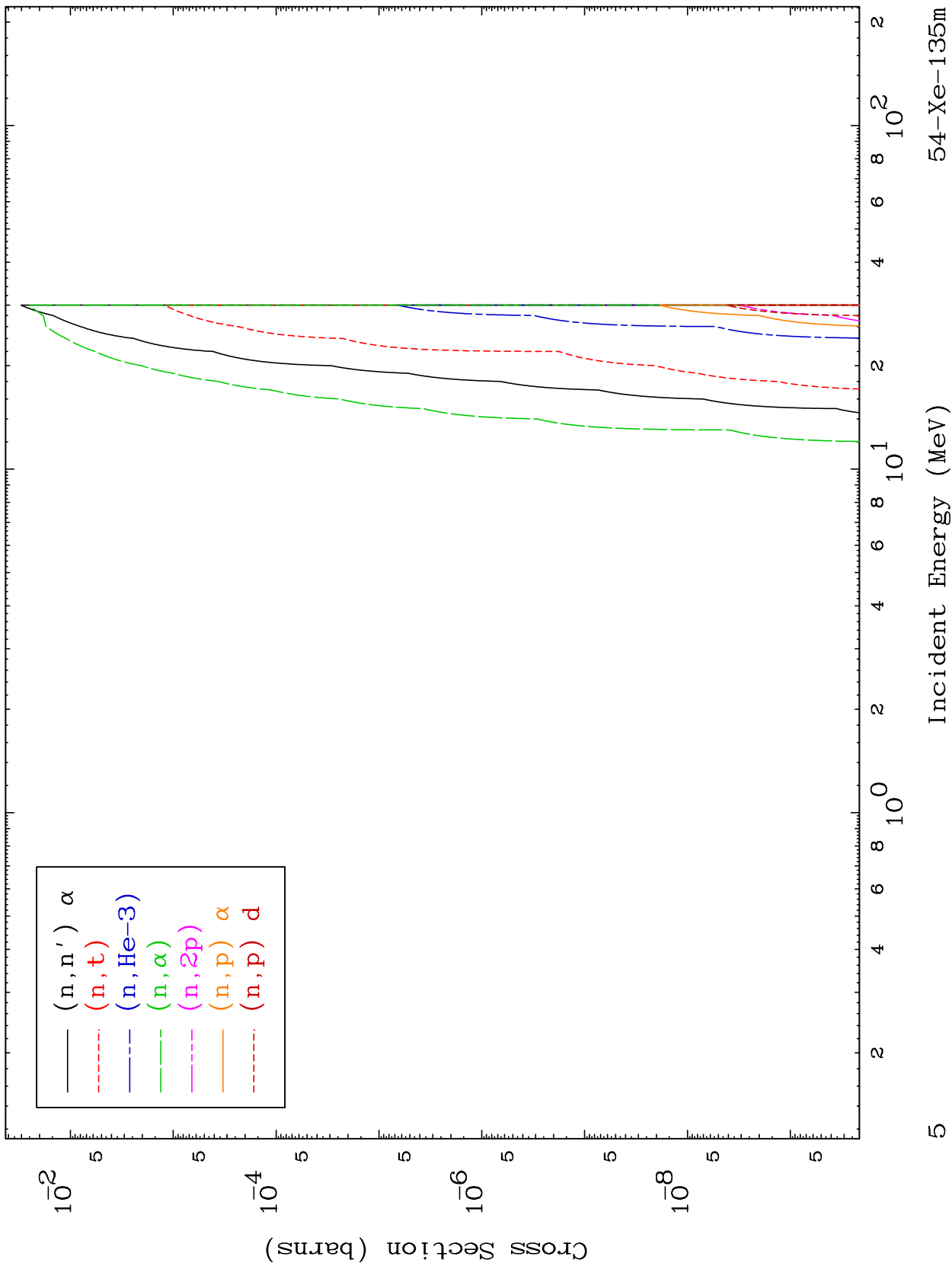
54-Xe-135m









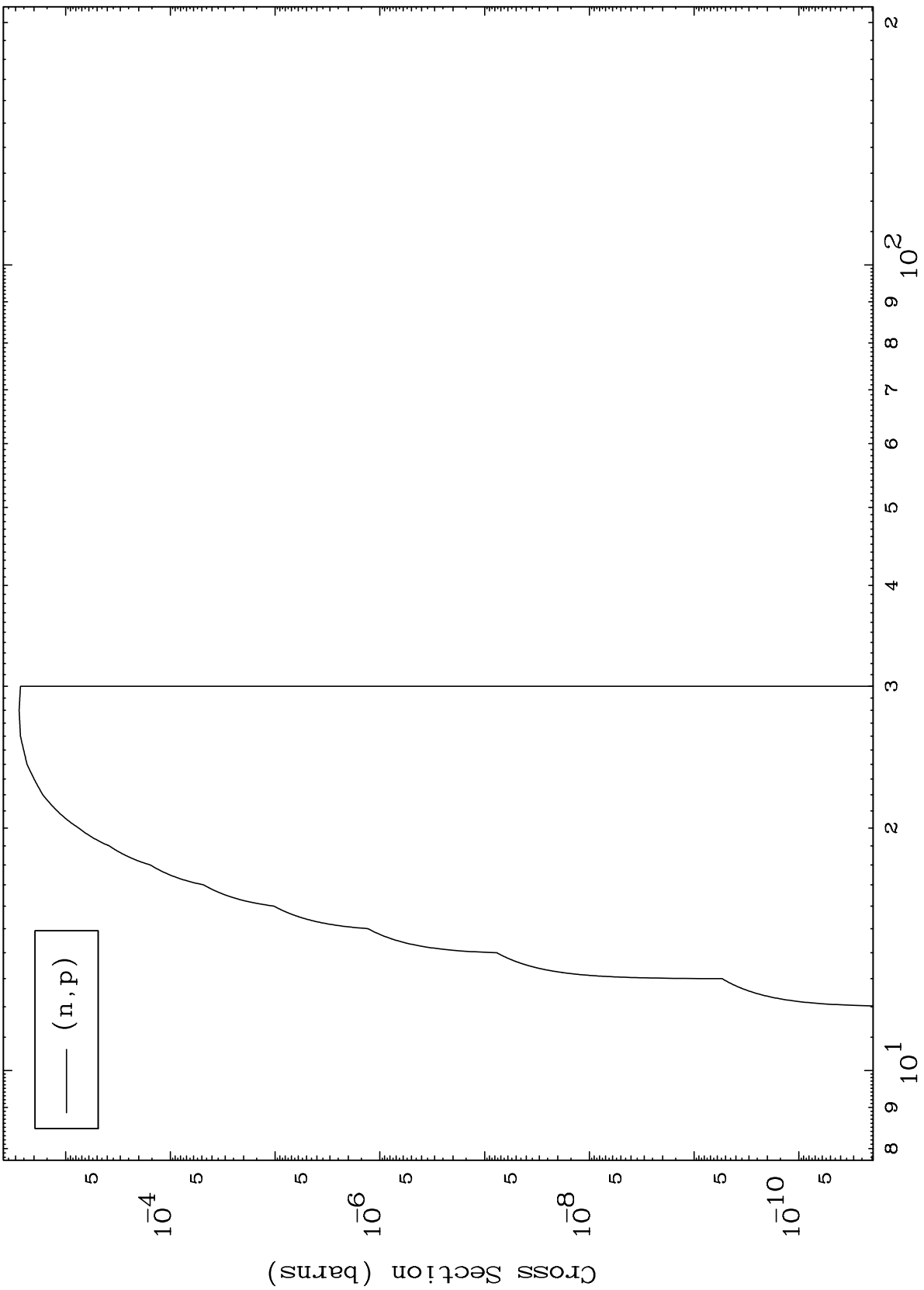


MAT 5459

( $\alpha, p$ ) Levels

54-Xe-135m

0 Kelvin Cross Sections



Incident Energy (MeV)

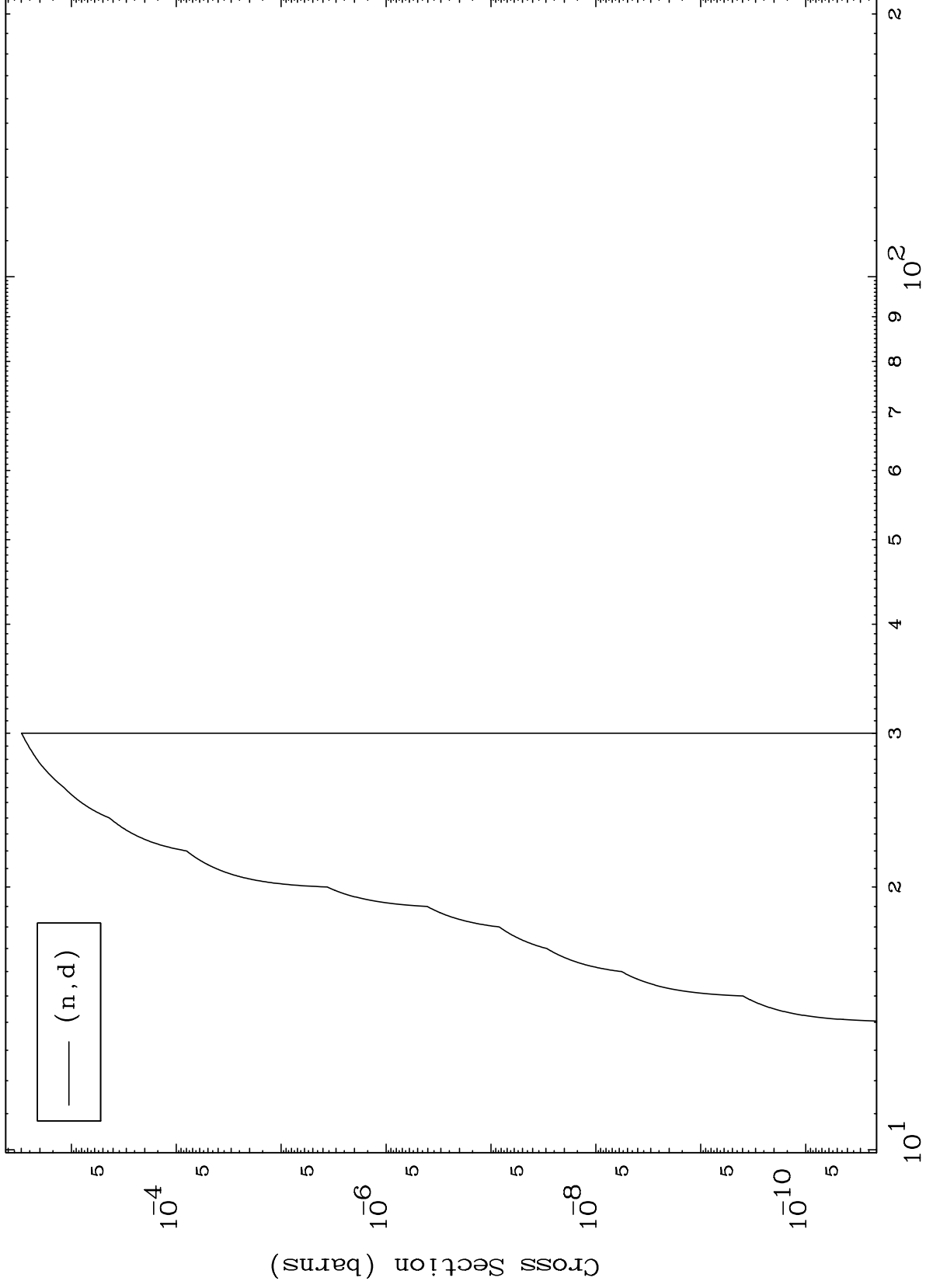
54-Xe-135m

6

MAT 5459

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

54-Xe-135m



54-Xe-135m

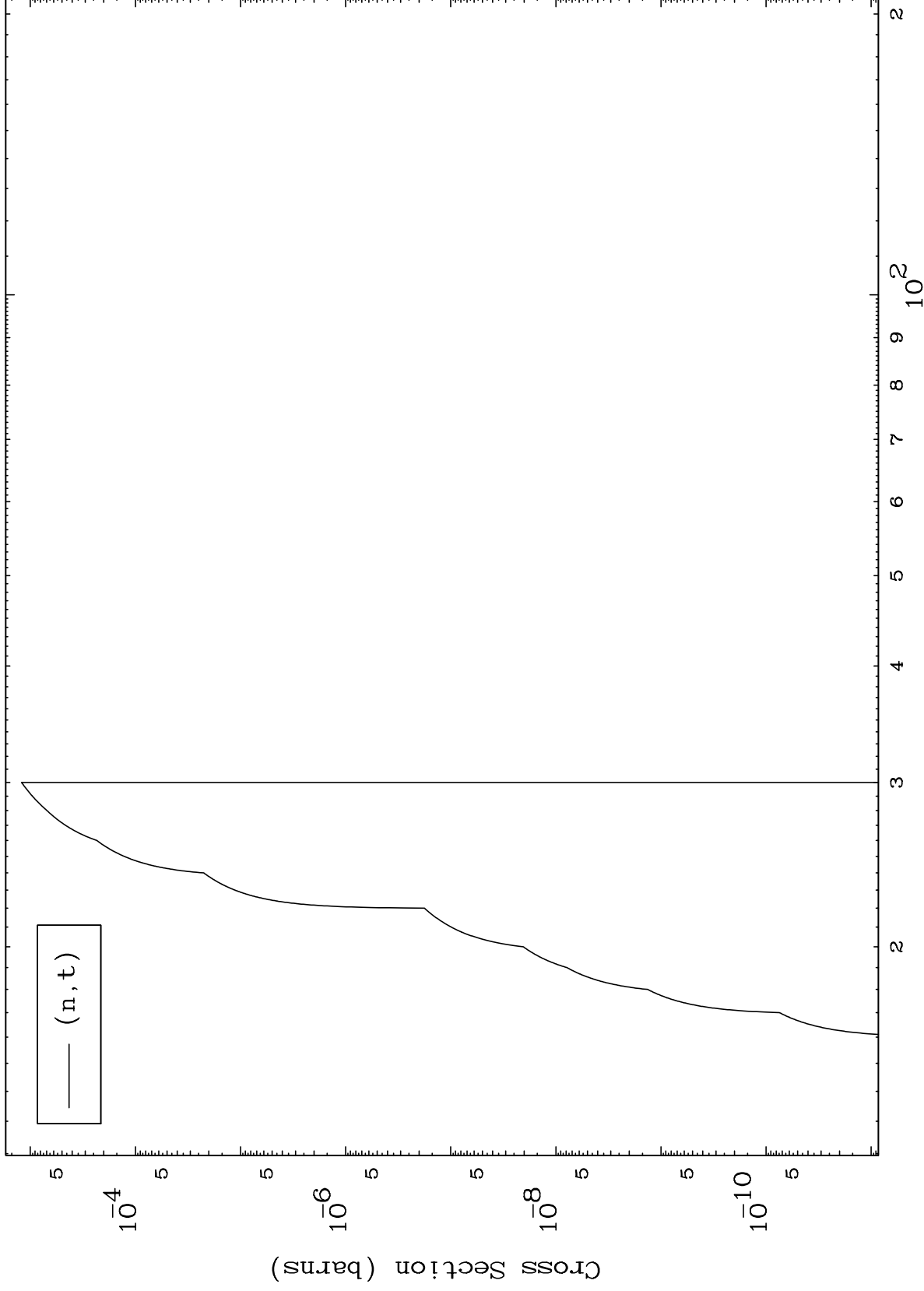
Incident Energy (MeV)

7

MAT 5459

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

54-Xe-135m



8

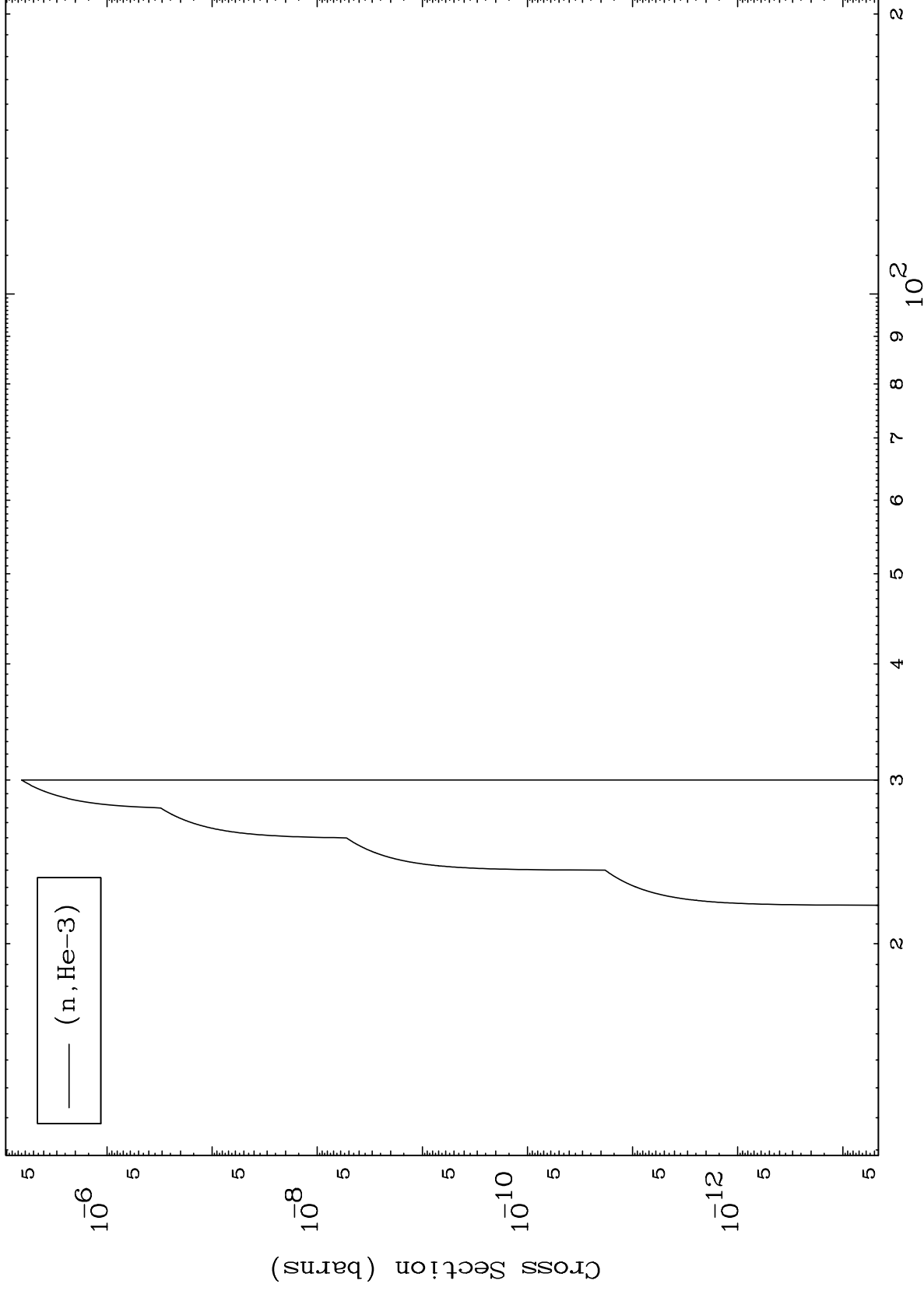
Incident Energy (MeV)

54-Xe-135m

MAT 5459

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

54-Xe-135m

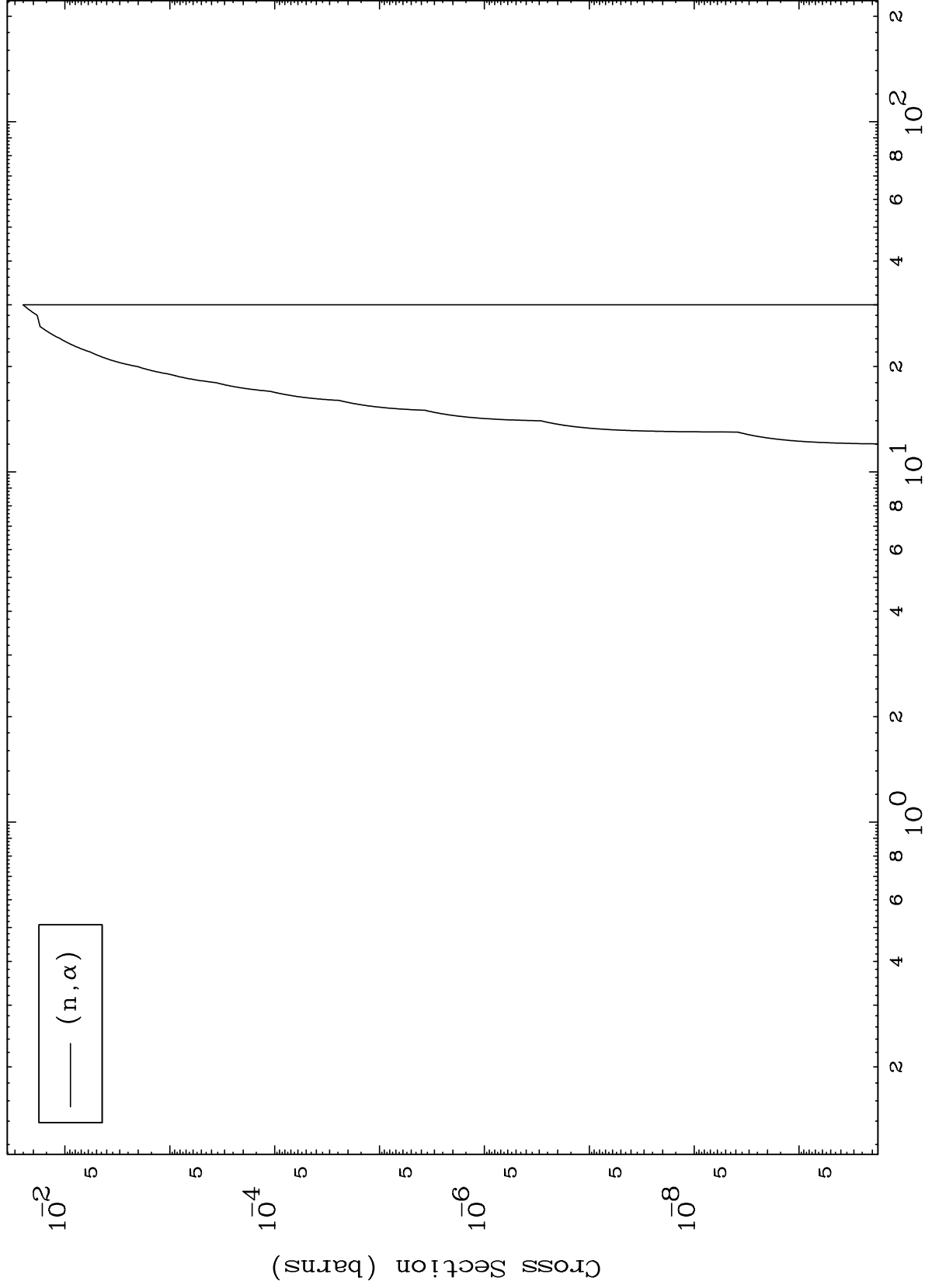


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( $\alpha, \alpha$ ) Levels

54-Xe-135m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

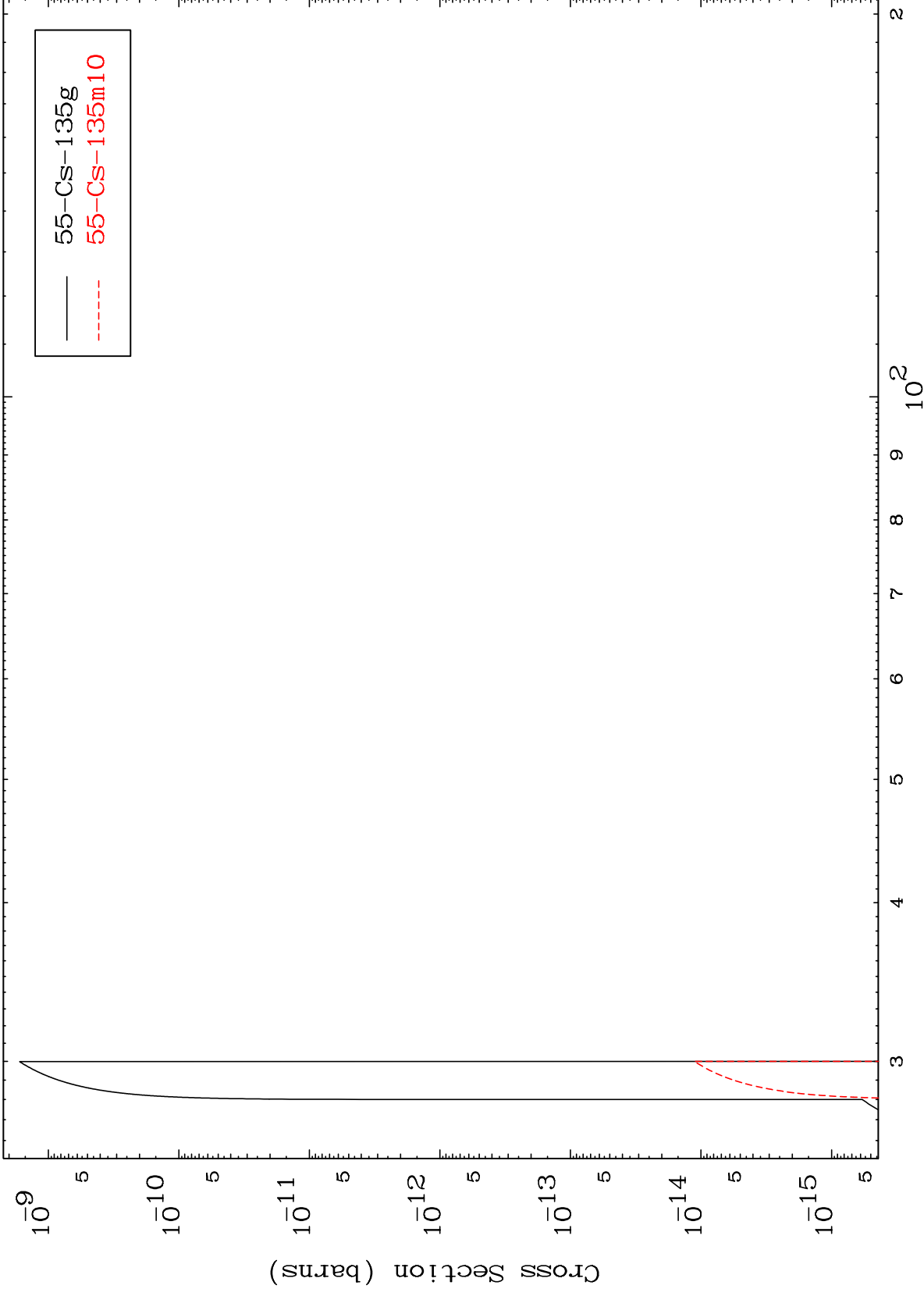
54-Xe-135m

MAT 5459

(n,2n) d

54-Xe-135m

Radionuclide Production Cross Section

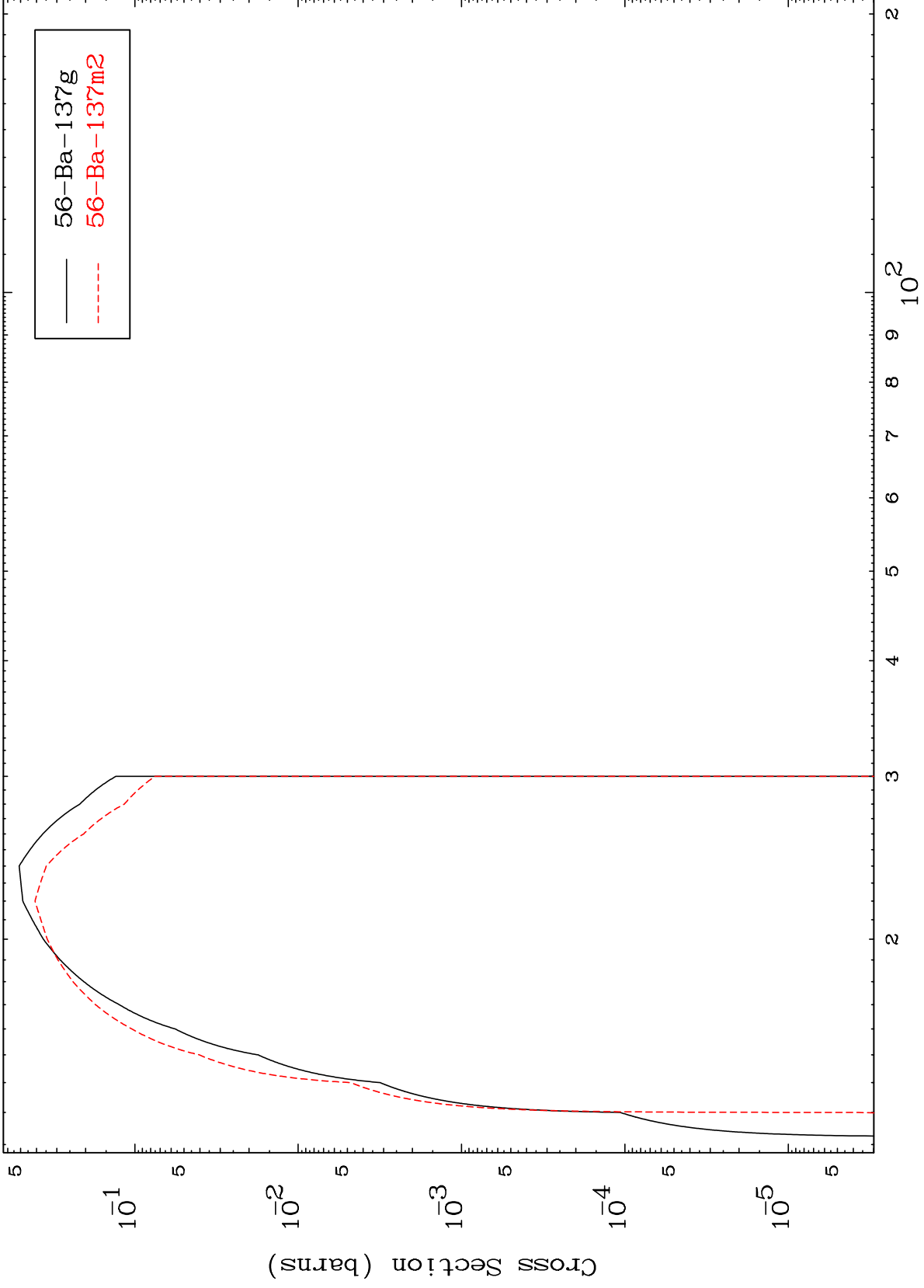


MAT 5459

(n,2n)

54-Xe-135m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

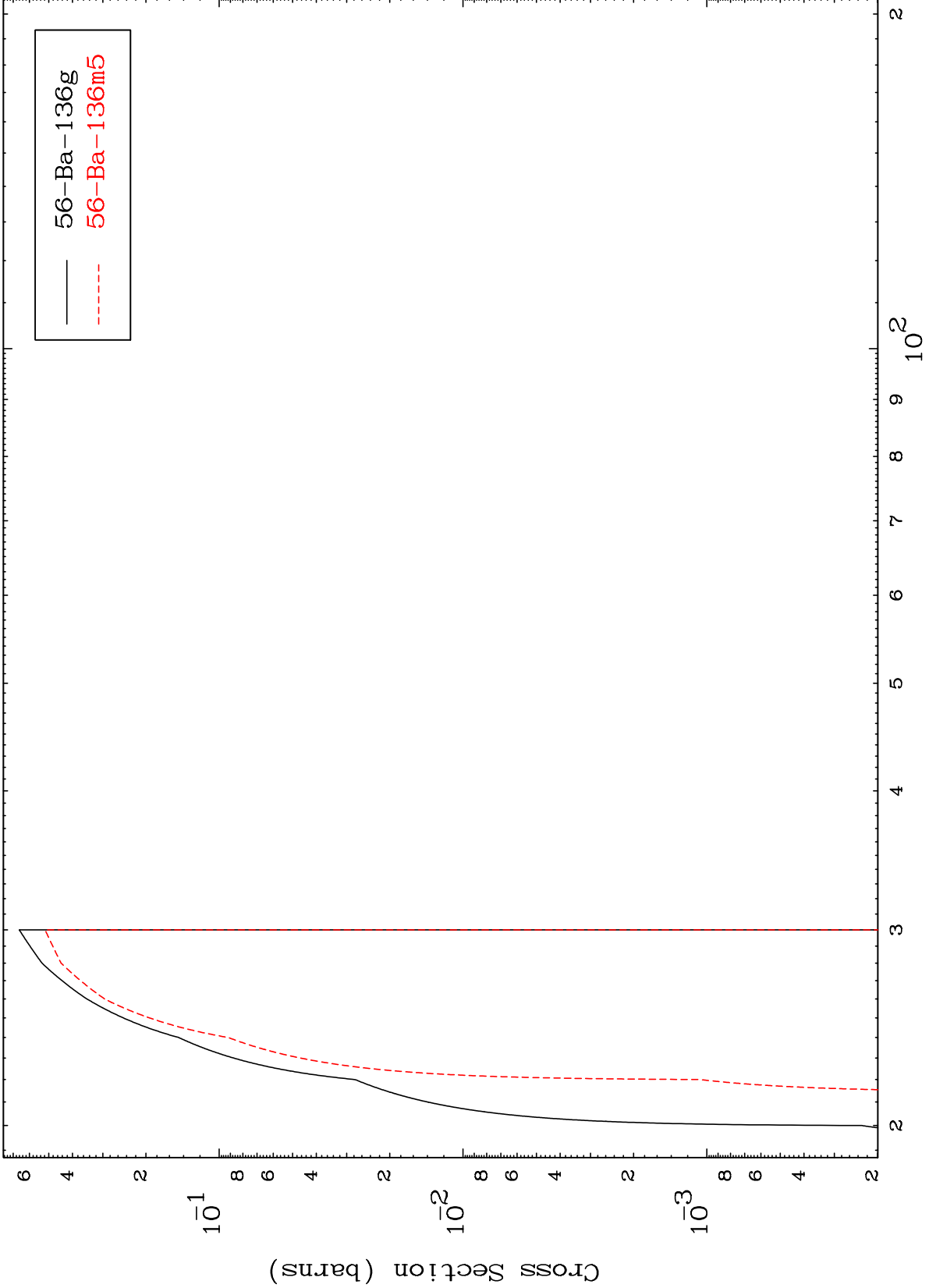
54-Xe-135m

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(n,3n)

54-Xe-135m

Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

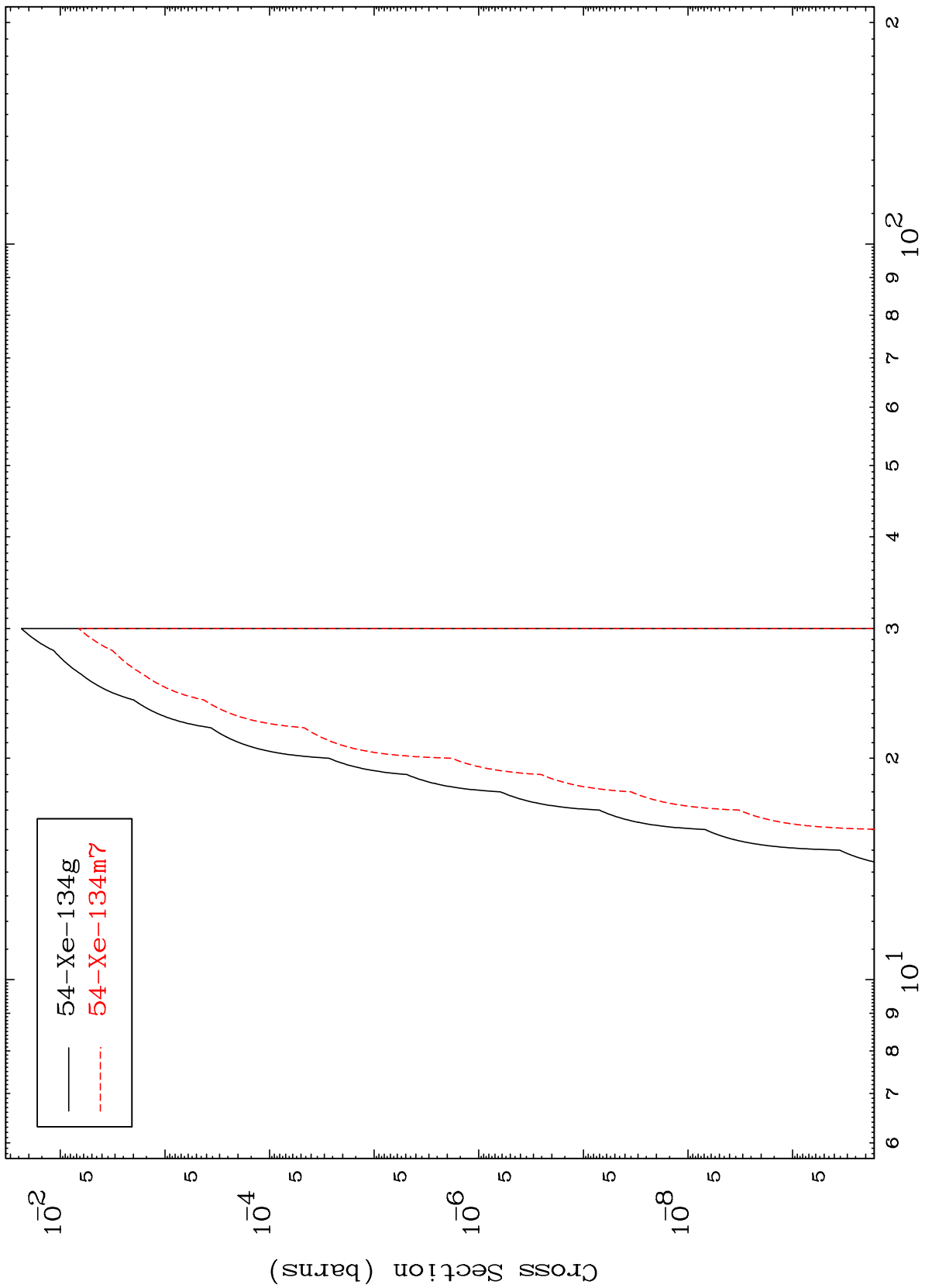
54-Xe-135m

MAT 5459

(n,n')  $\alpha$

54-Xe-135m

Radionuclide Production Cross Section



54-Xe-134g  
54-Xe-134m7

14

Incident Energy (MeV)

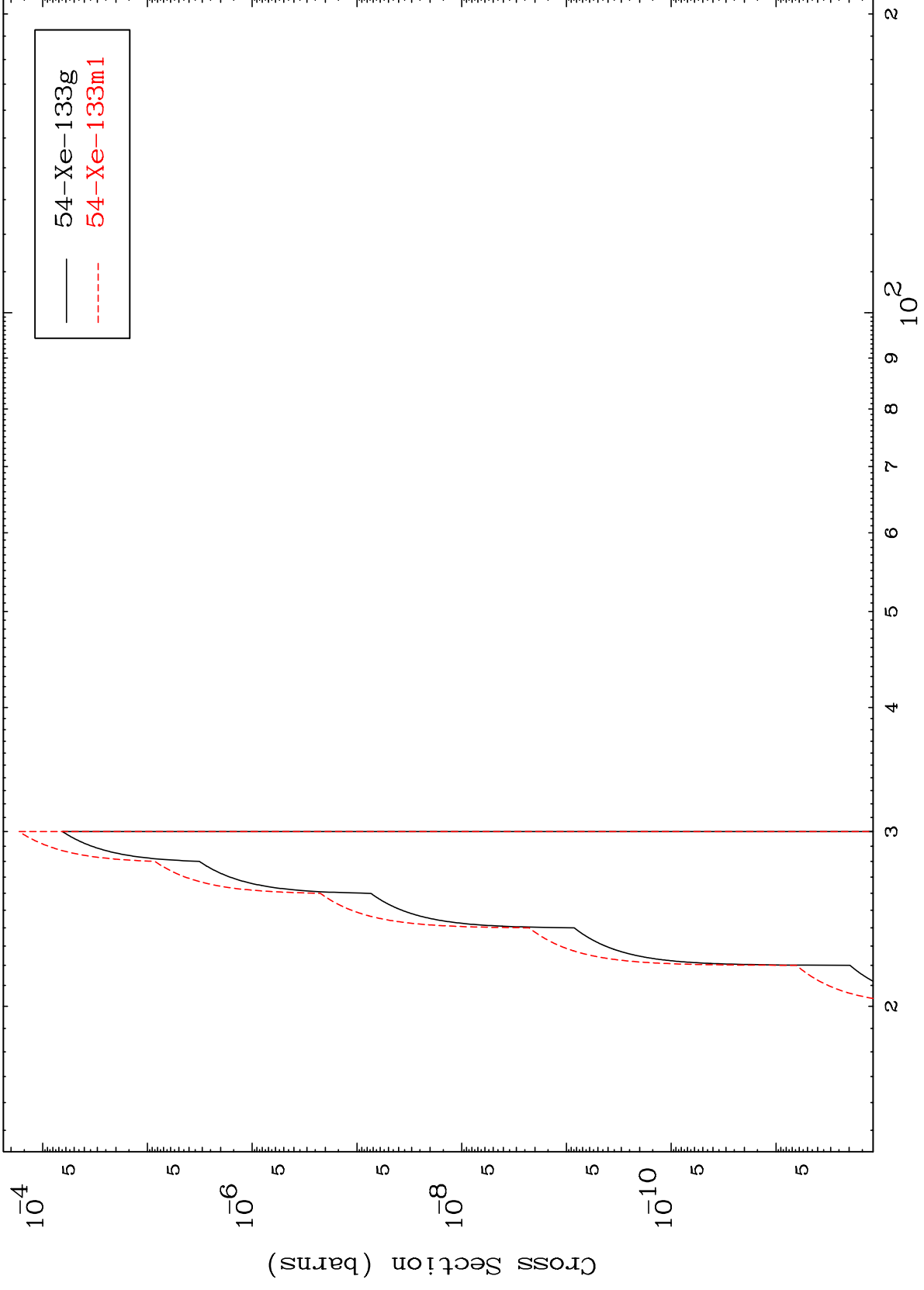
54-Xe-135m

MAT 5459

(n,2n)  $\alpha$

54-Xe-135m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

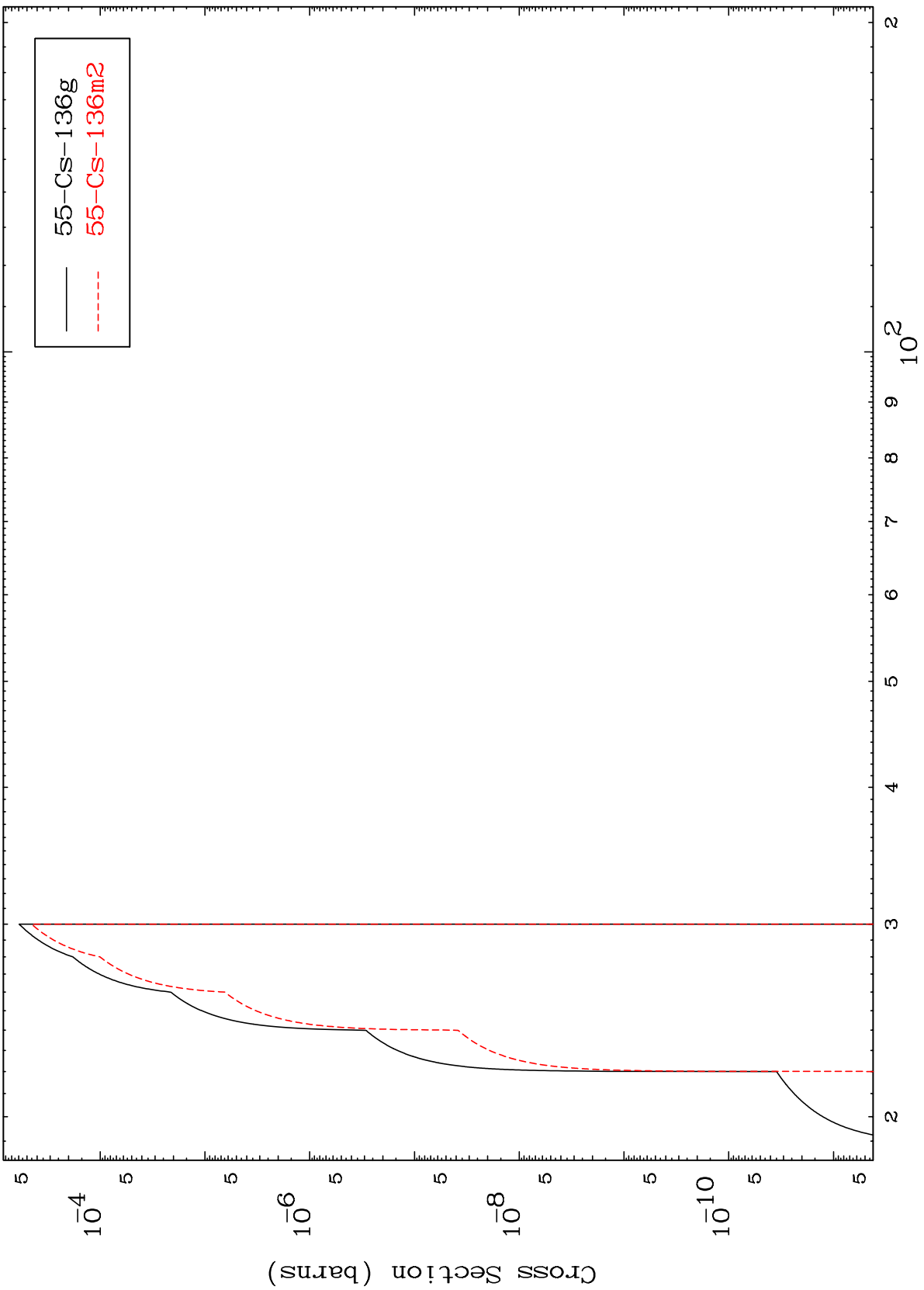
54-Xe-135m

MAT 5459

(n,n') d

54-Xe-135m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

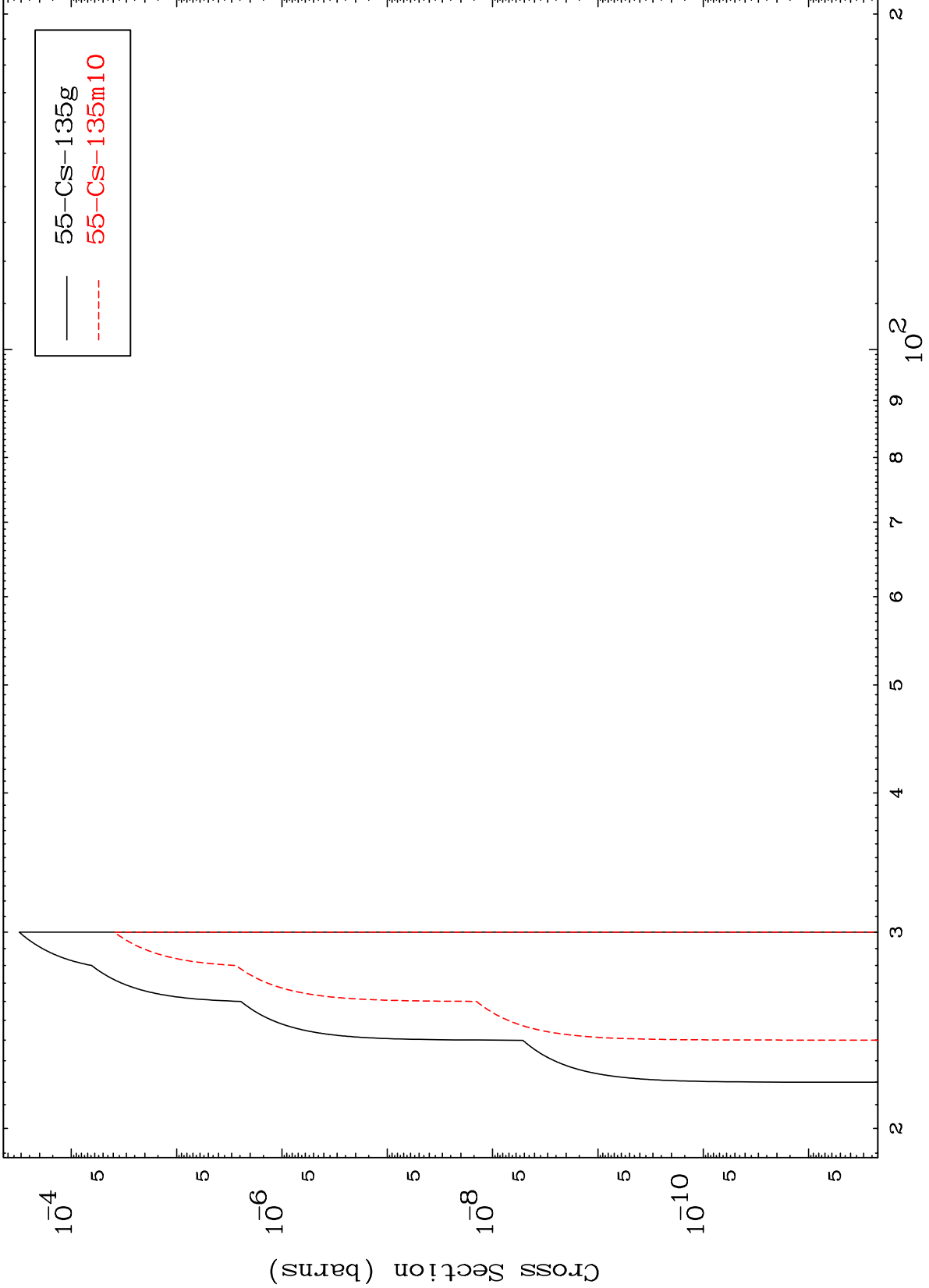
54-Xe-135m

MAT 5459

(n,n') t

54-Xe-135m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

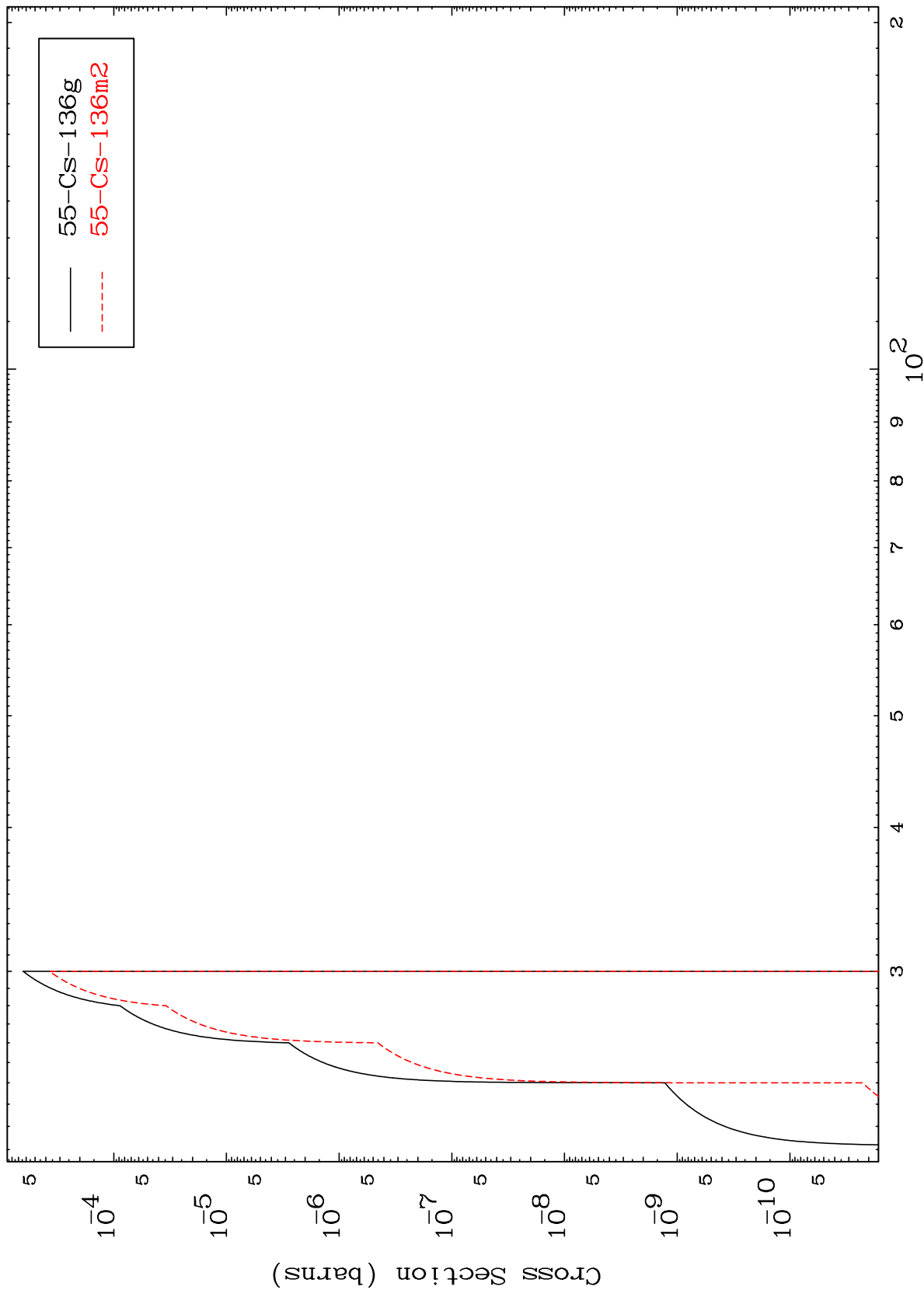
54-Xe-135m

MAT 5459

(n,2n) p

54-Xe-135m

Radionuclide Production Cross Section



18

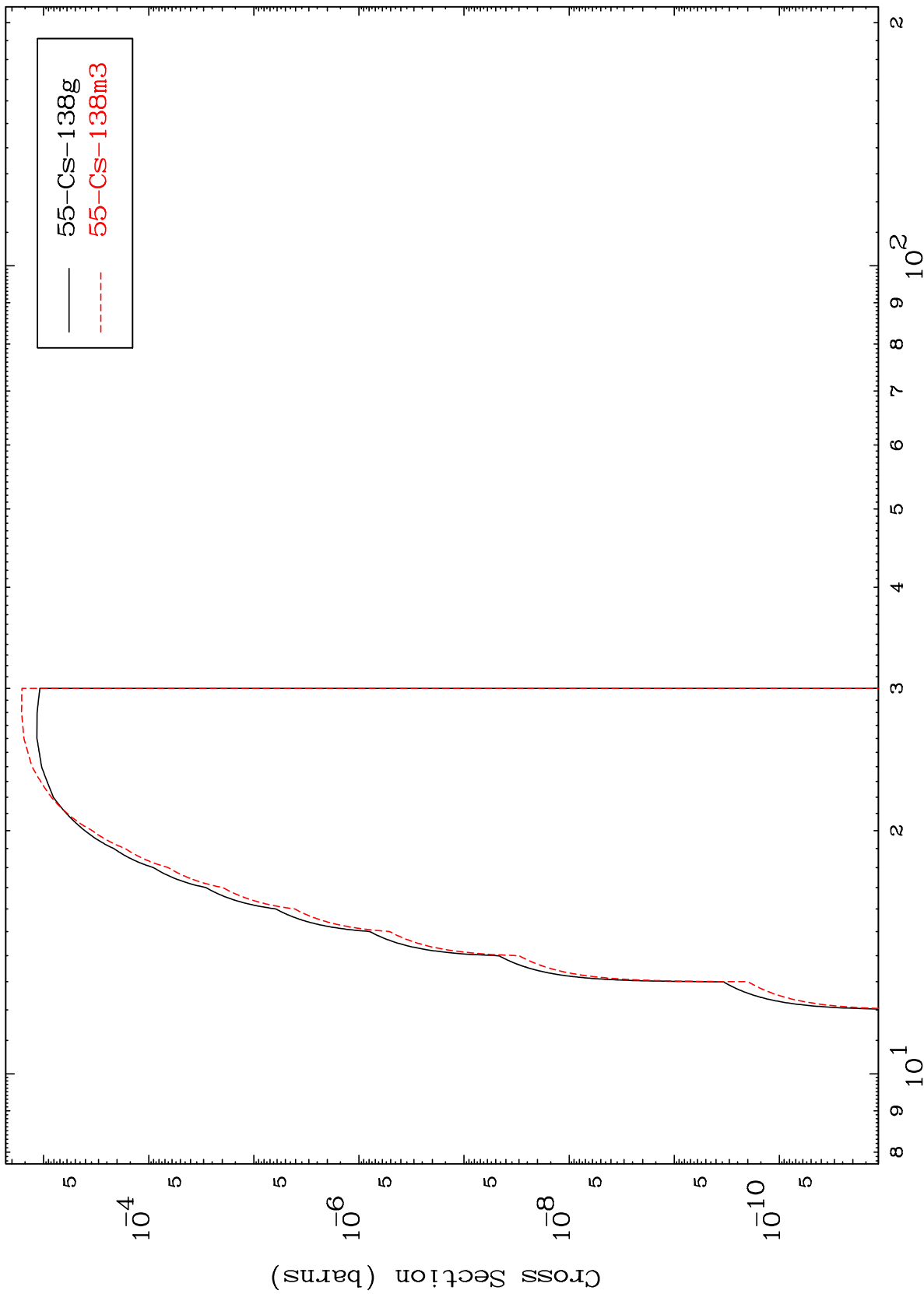
Incident Energy (MeV)

54-Xe-135m

MAT 5459

54-Xe-135m

(n,p)  
Radionuclide Production Cross Section



19

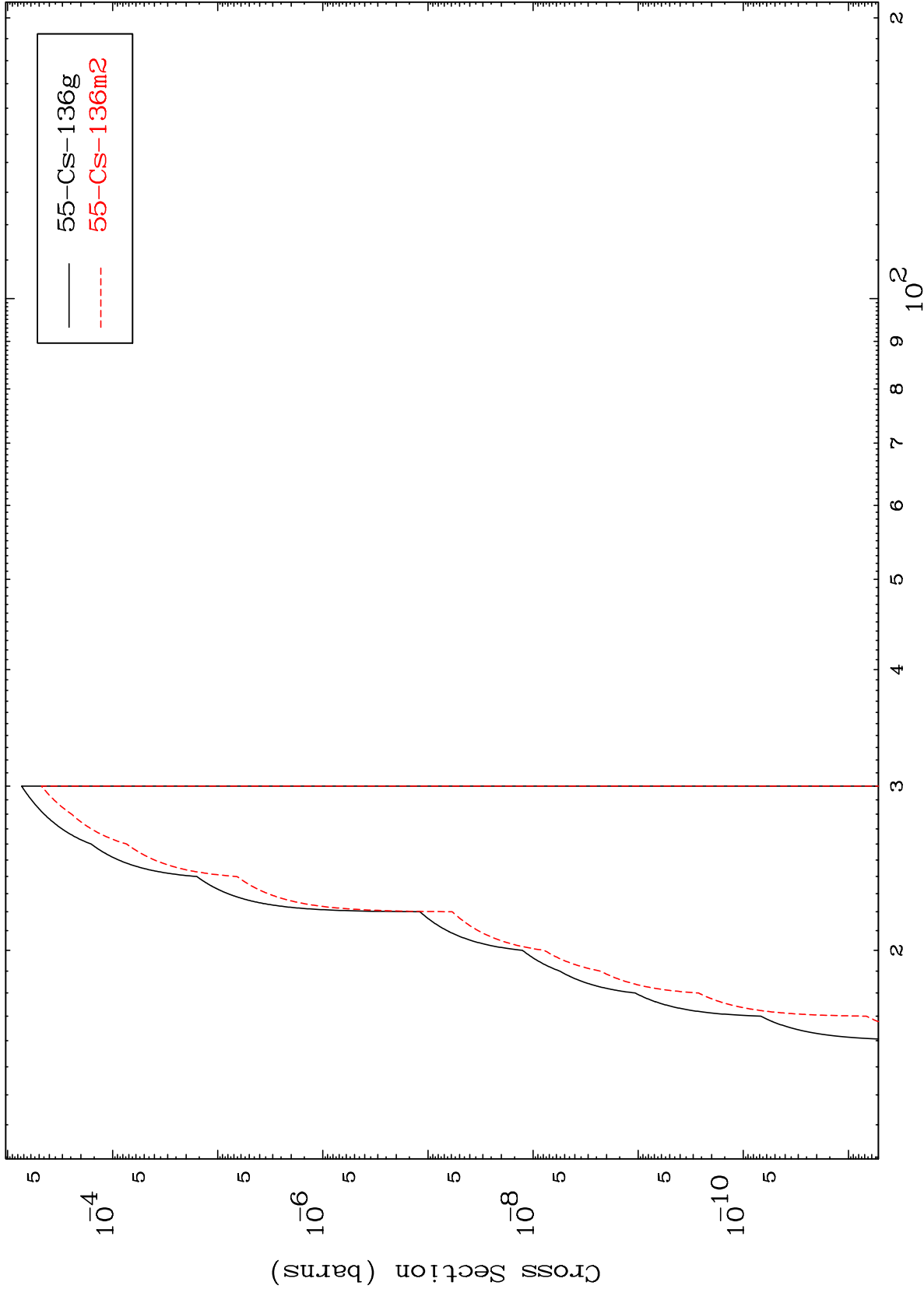
Incident Energy (MeV)

54-Xe-135m

MAT 5459

54-Xe-135m

(n, t)  
Radionuclide Production Cross Section



20

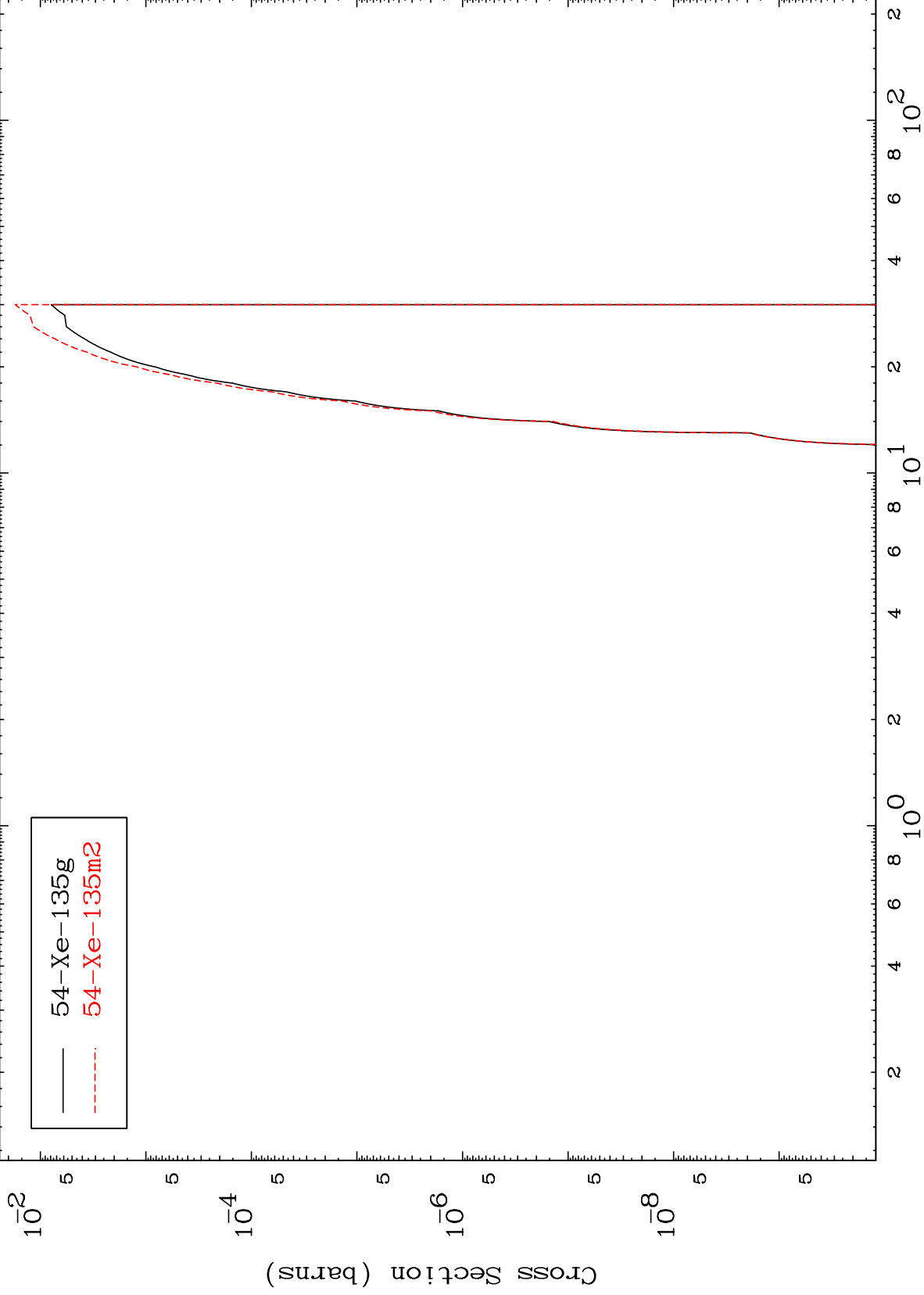
Incident Energy (MeV)

54-Xe-135m

MAT 5459

54-Xe-135m

Radionuclide Production Cross Section

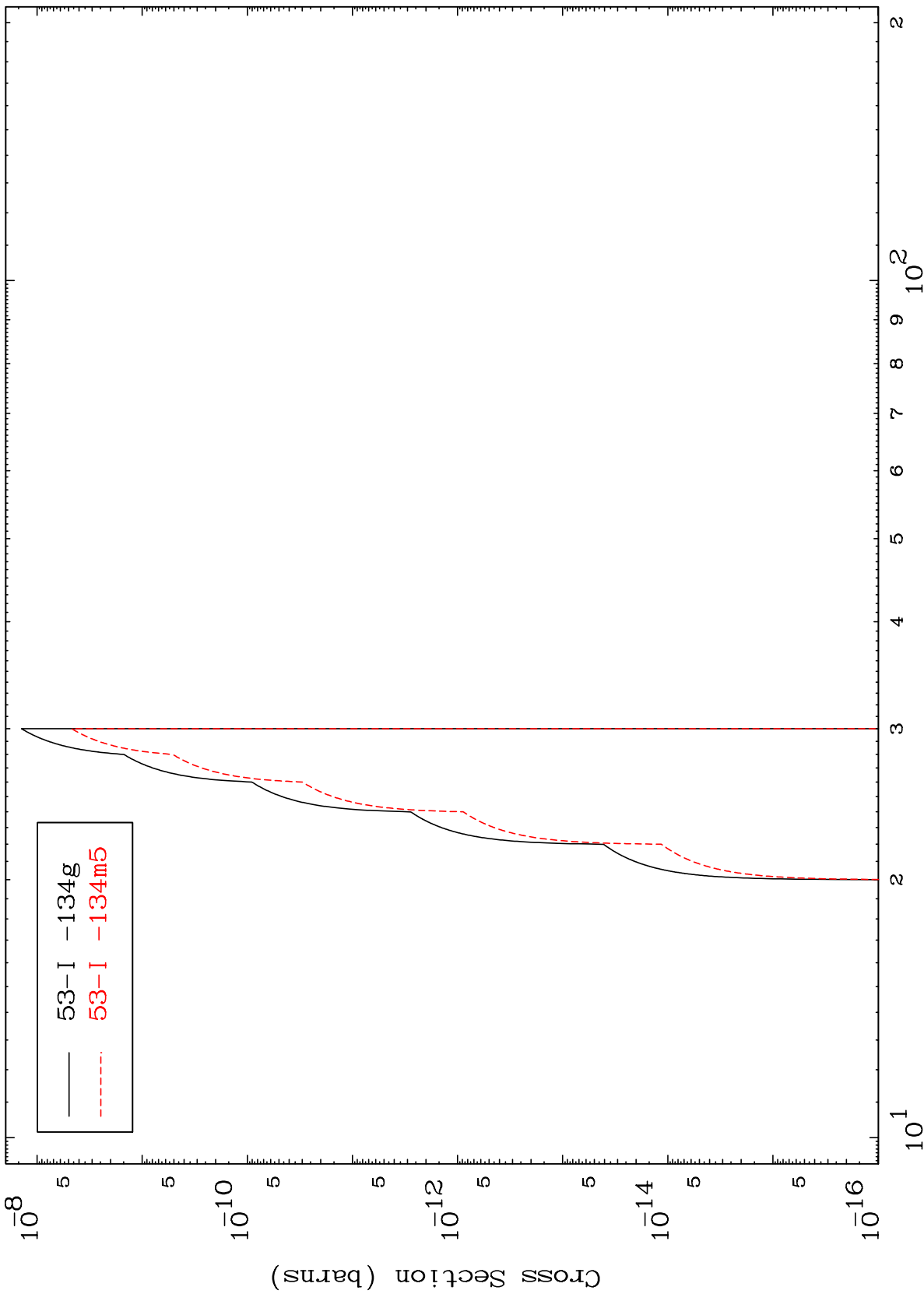


MAT 5459

(n,p)  $\alpha$

54-Xe-135m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

54-Xe-135m