

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

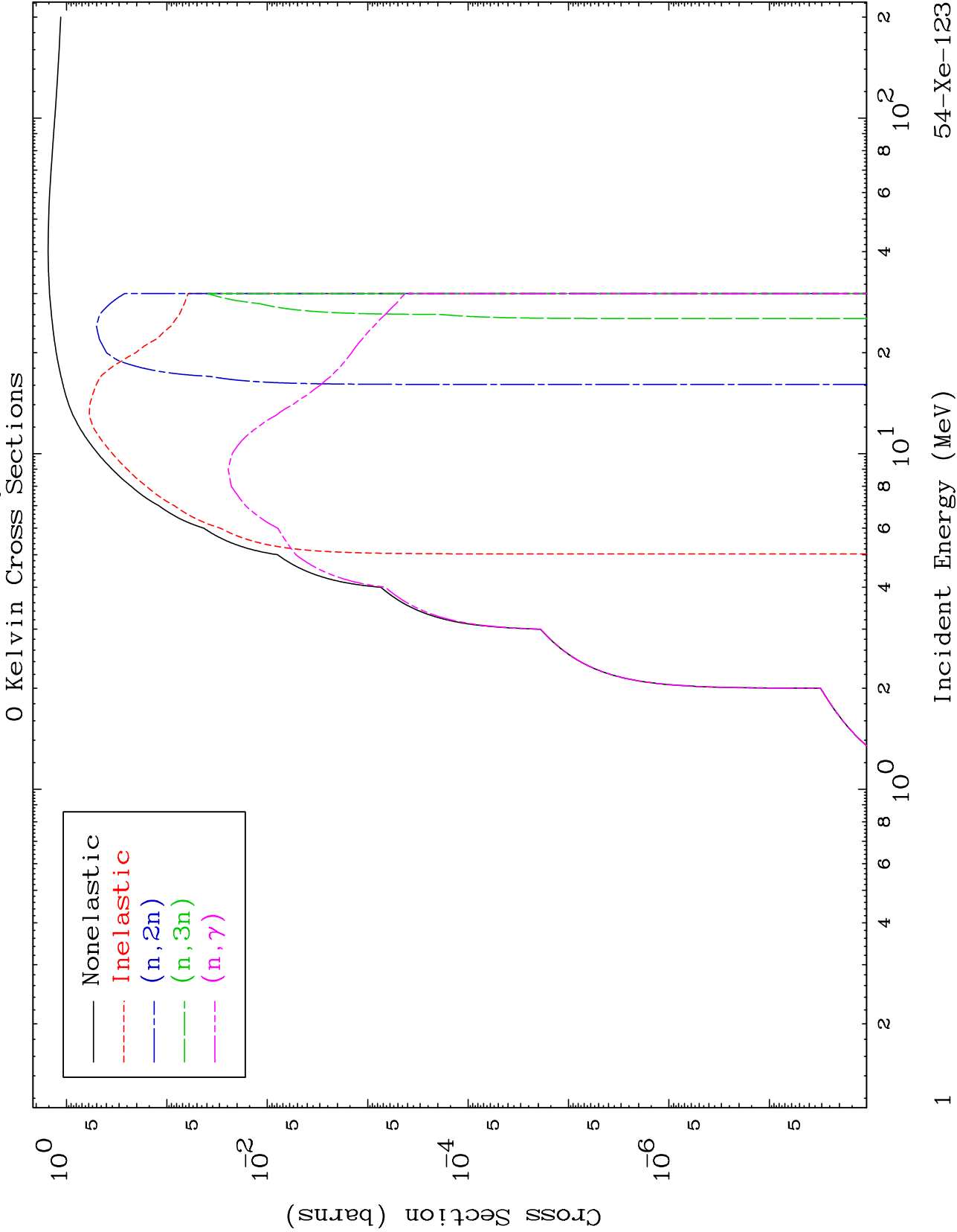
Dermott E. Cullen  
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Livermore, CA 94550  
U.S.A.

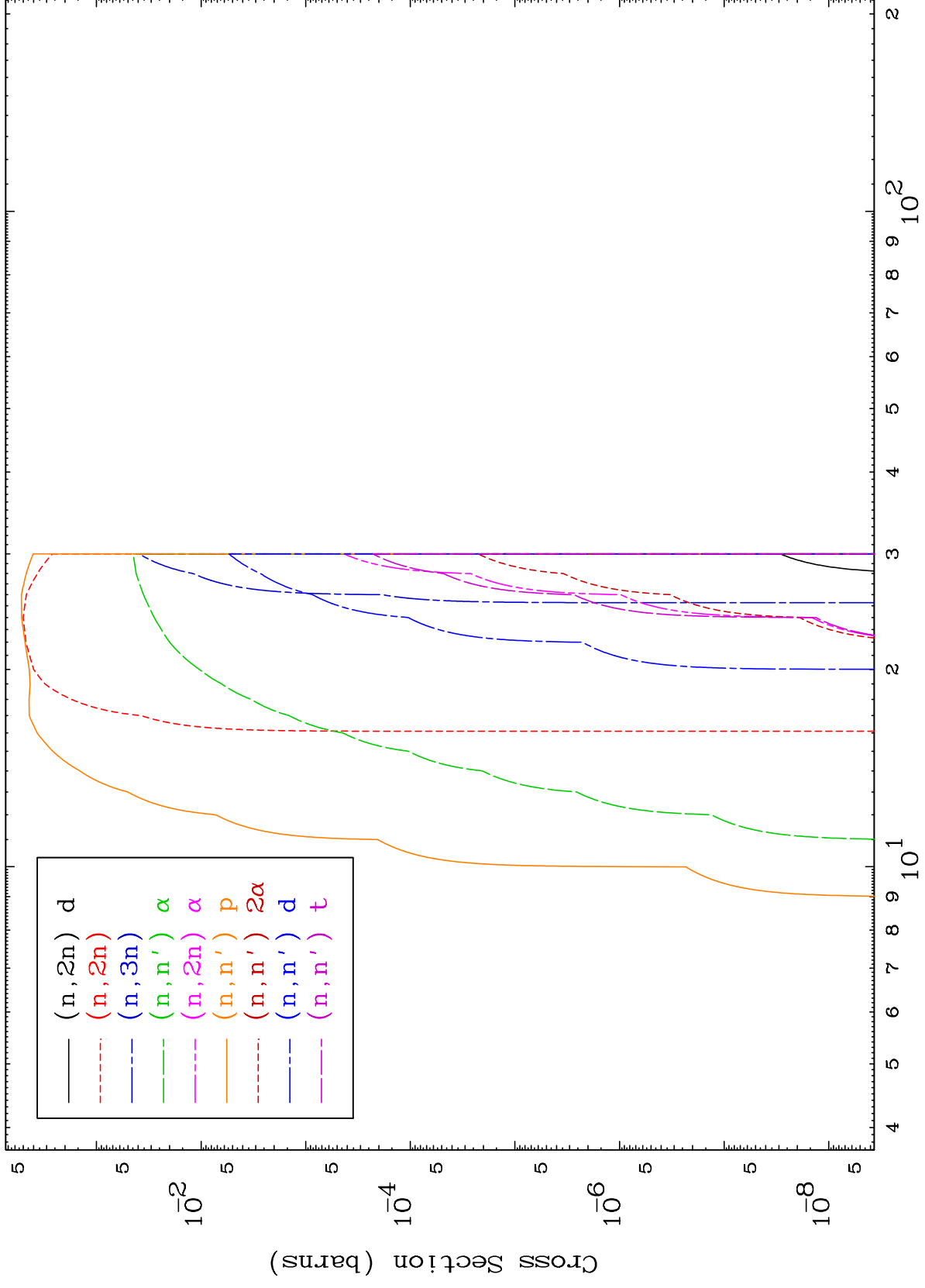
Tele: 925-443-1911

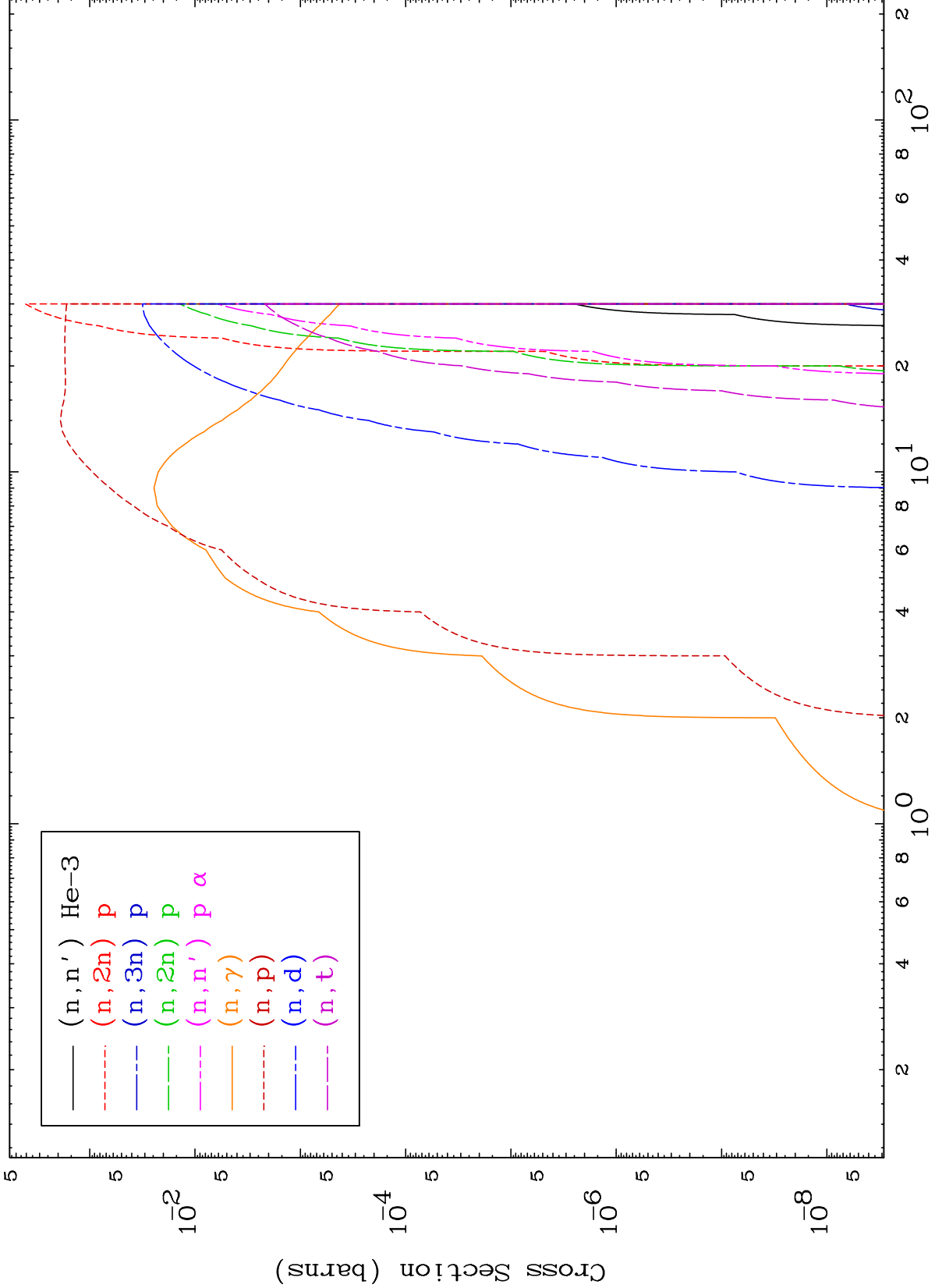
E.Mail:redcullen1@comcast.net

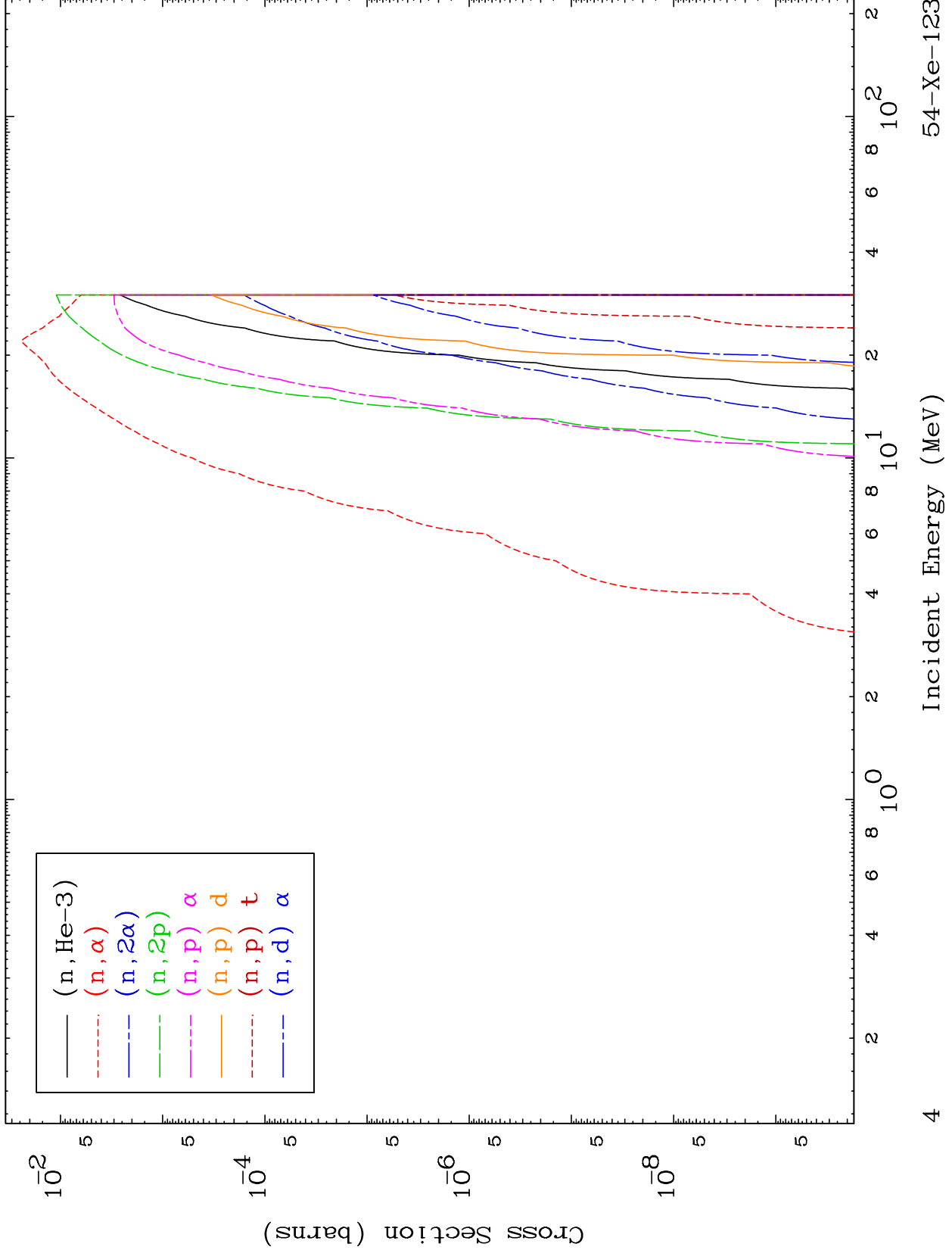
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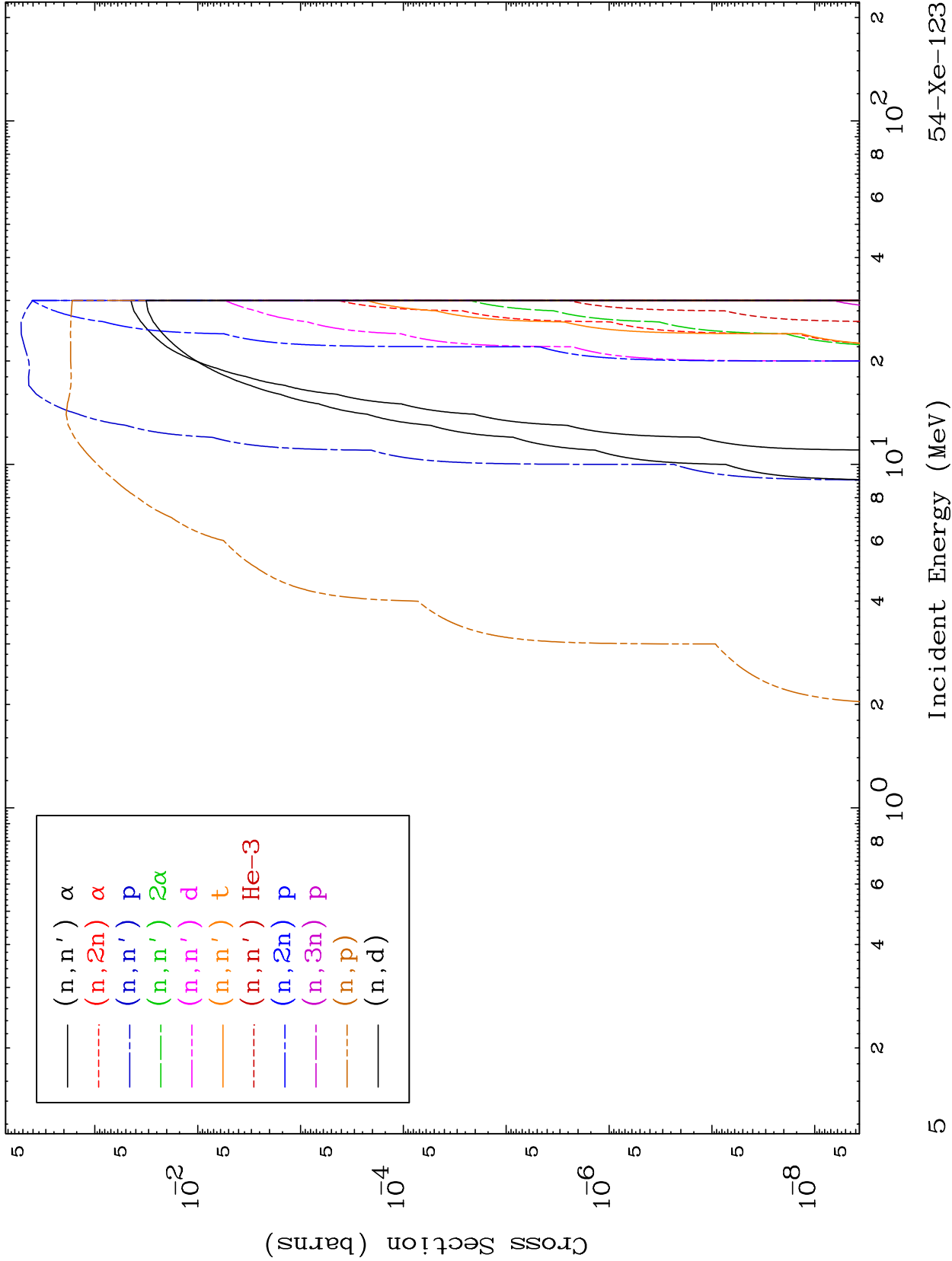
Press Mouse Button to Start

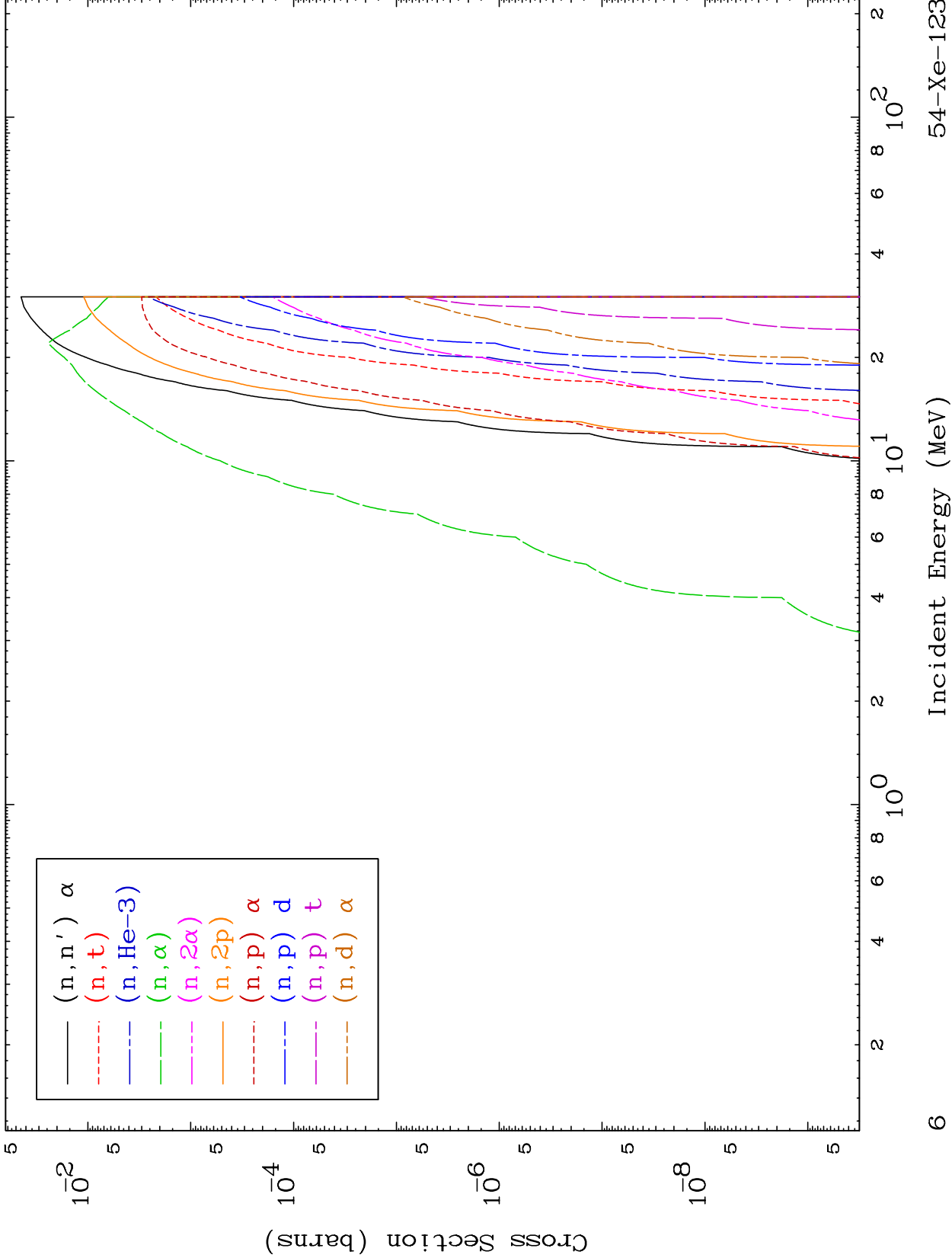








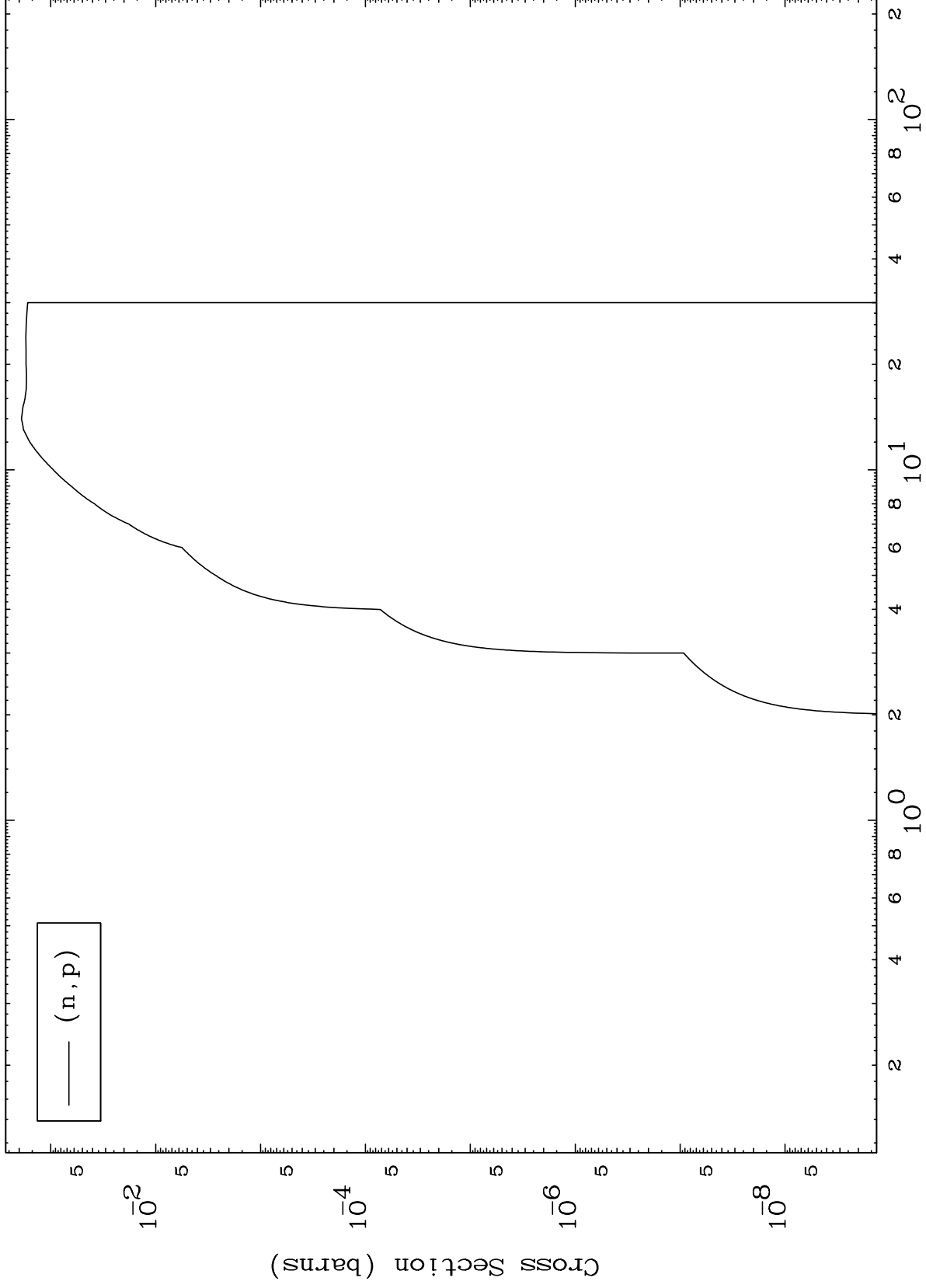




MAT 5422

(p,p) Levels  
0 Kelvin Cross Sections

54-Xe-123



7

Incident Energy (MeV)

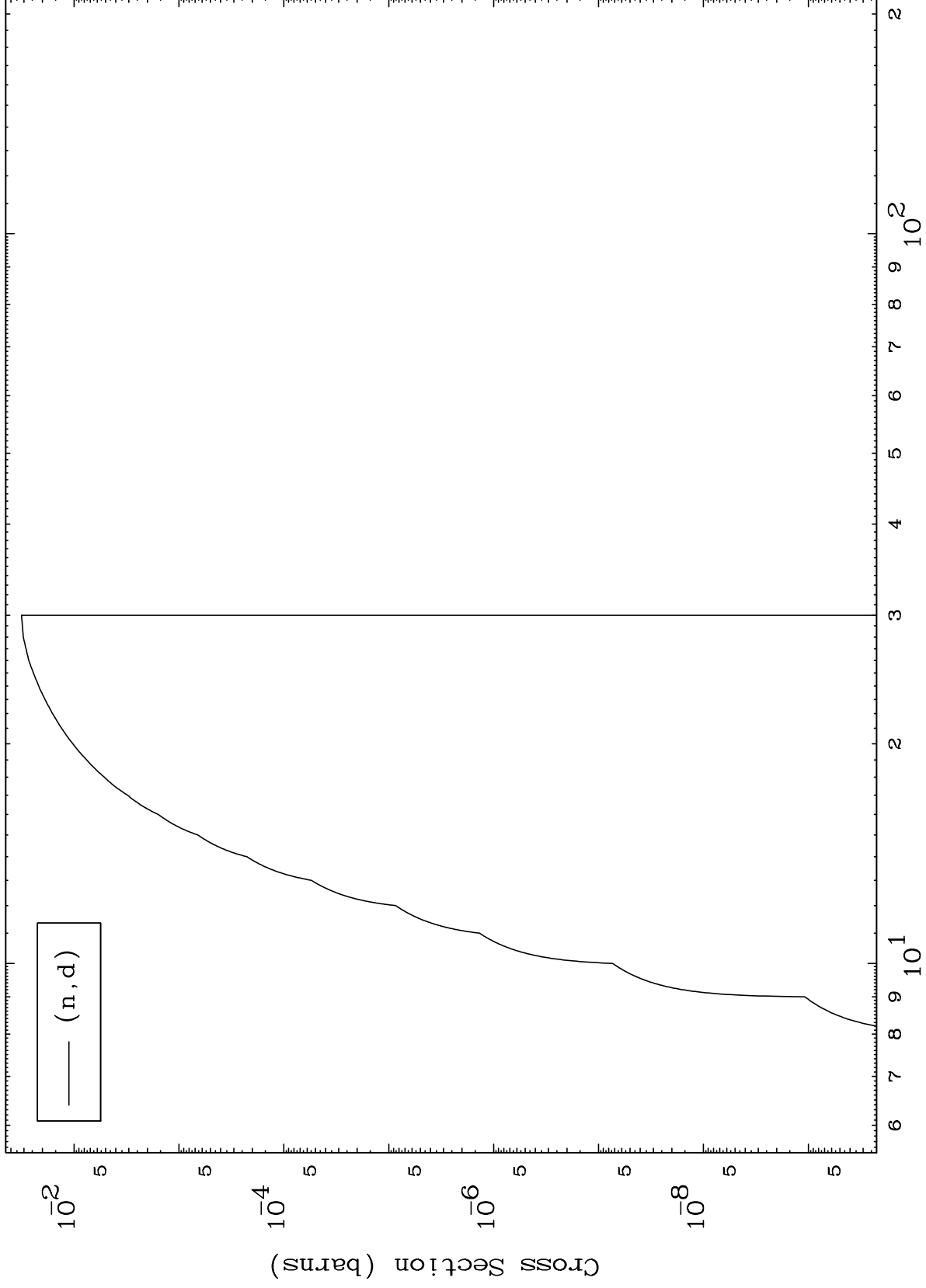
54-Xe-123



MAT 5422

(p,d) Levels  
0 Kelvin Cross Sections

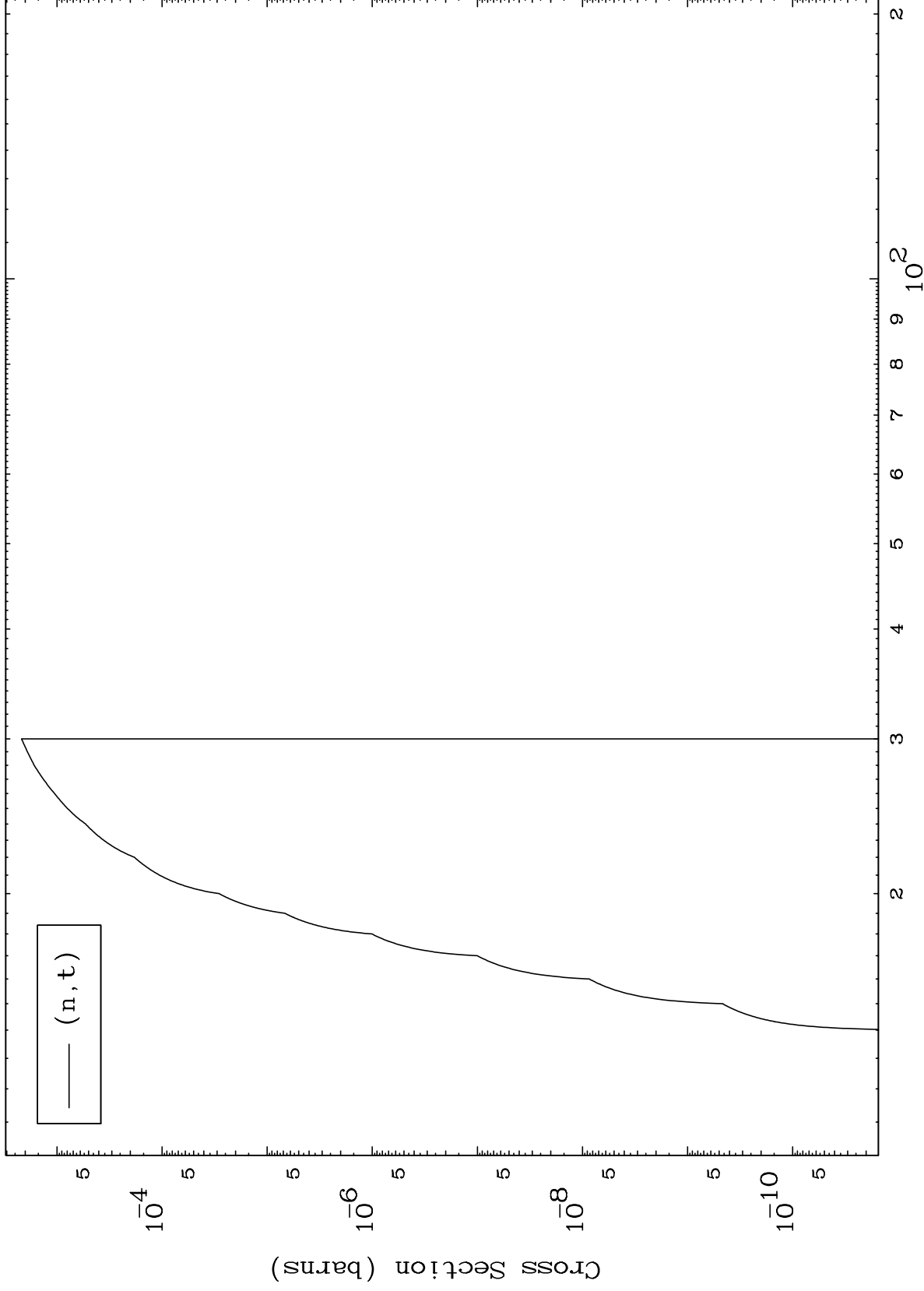
54-Xe-123



8

Incident Energy (MeV)

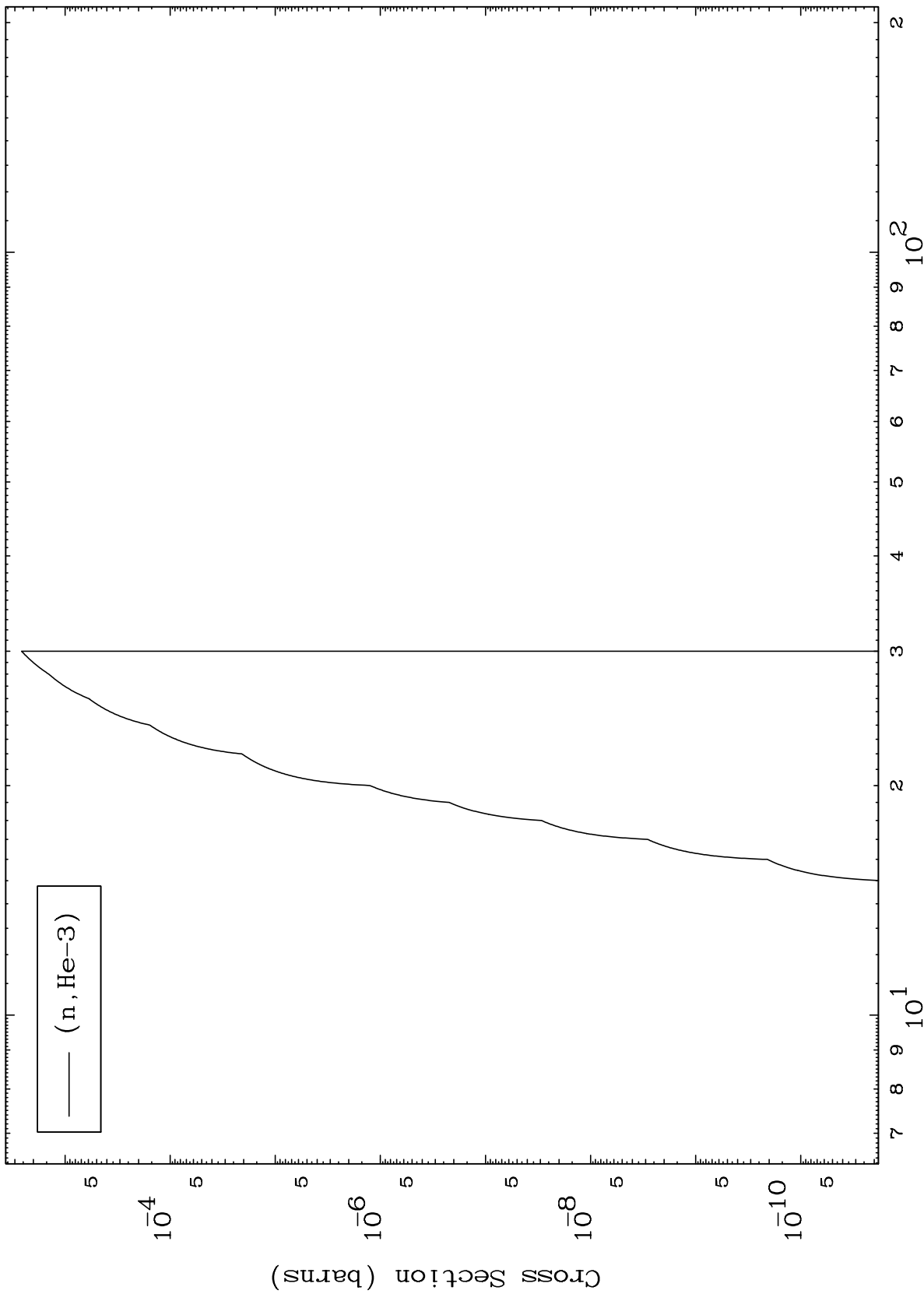
54-Xe-123



MAT 5422

54-Xe-123

(p,He3) Levels  
0 Kelvin Cross Sections



54-Xe-123

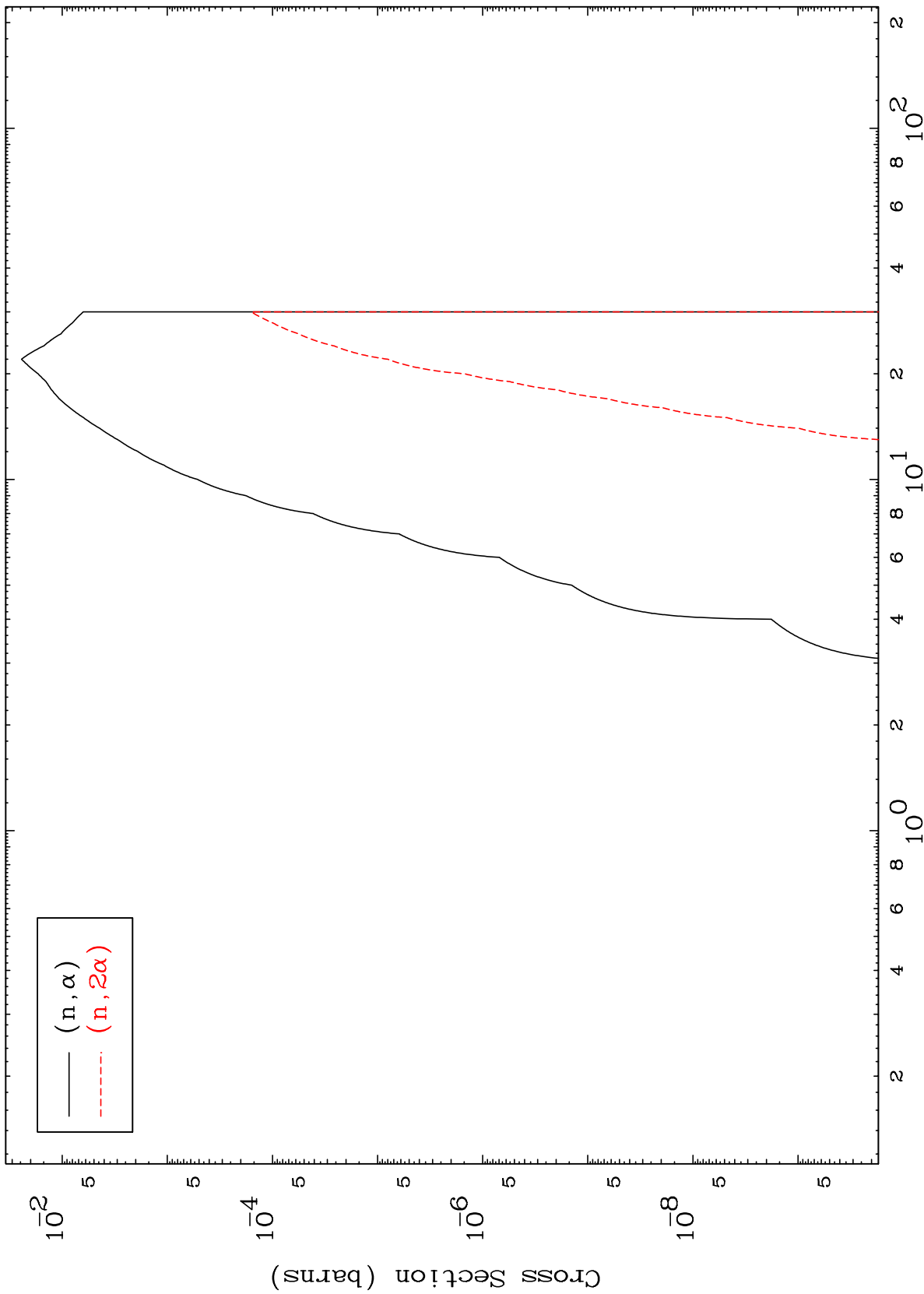
Incident Energy (MeV)

10

MAT 5422

54-Xe-123

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



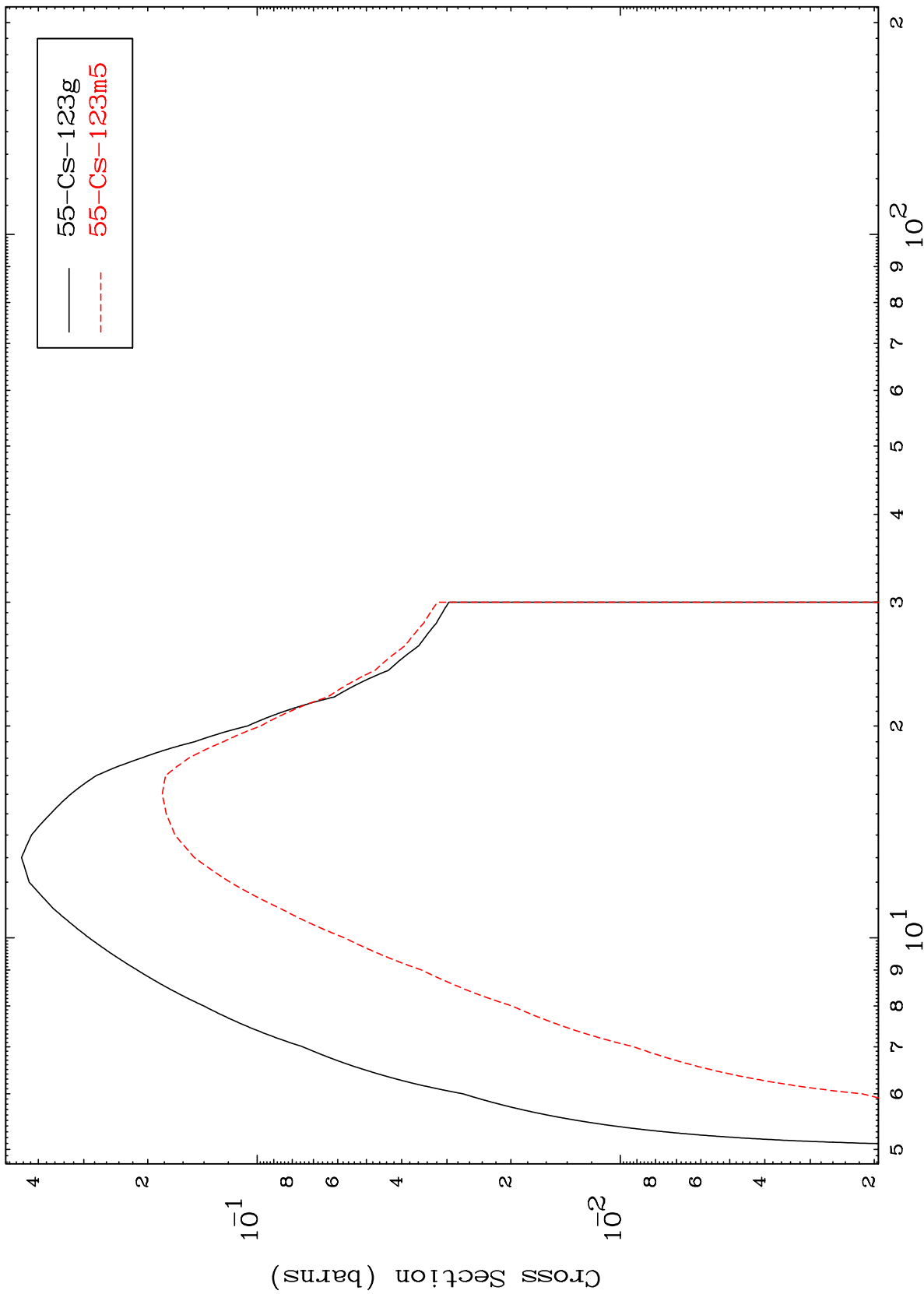
54-Xe-123

Incident Energy (MeV)

MAT 5422

Inelastic  
Radionuclide Production Cross Section

54-Xe-123

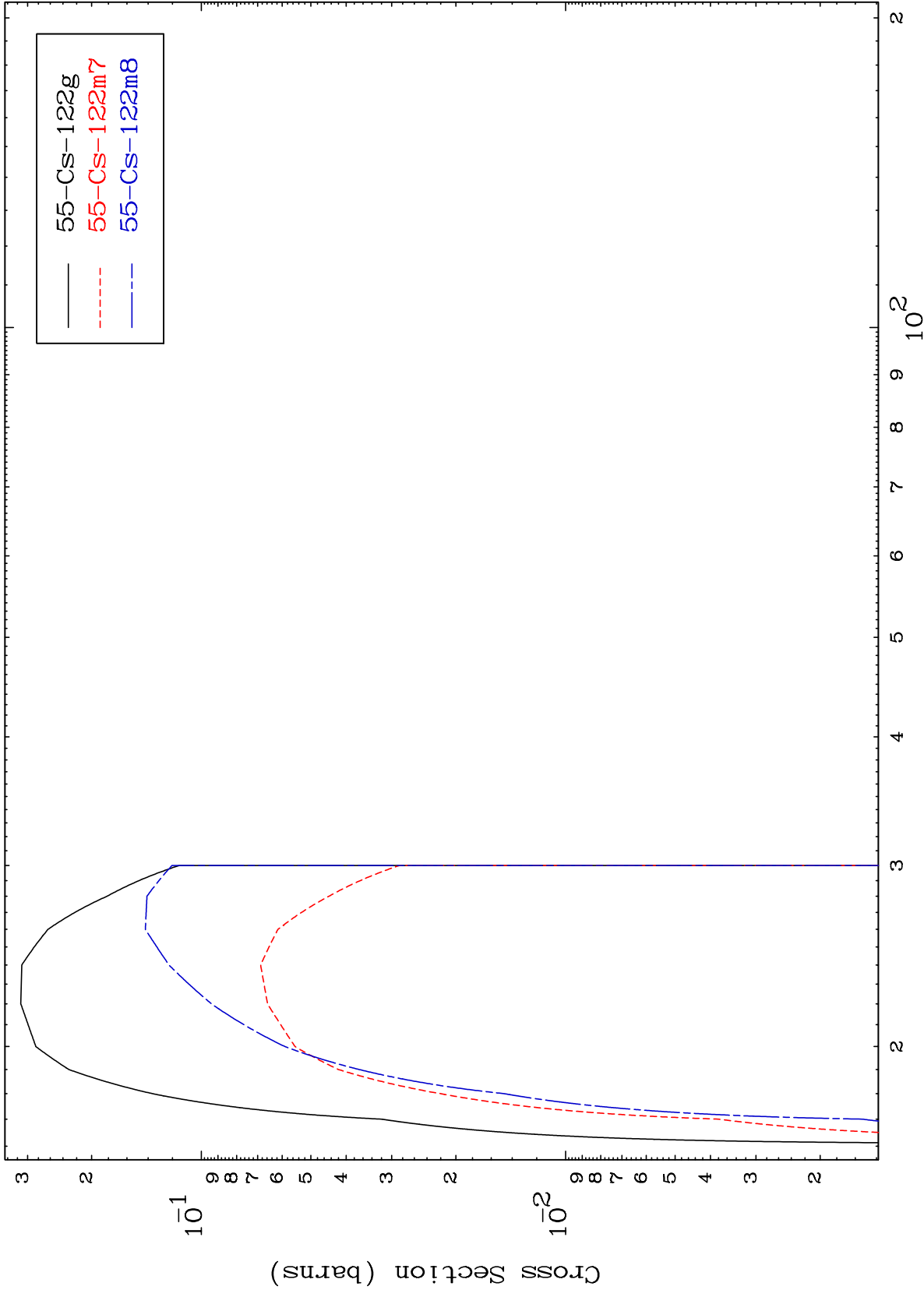


12

Incident Energy (MeV)

54-Xe-123

Radionuclide Production Cross Section

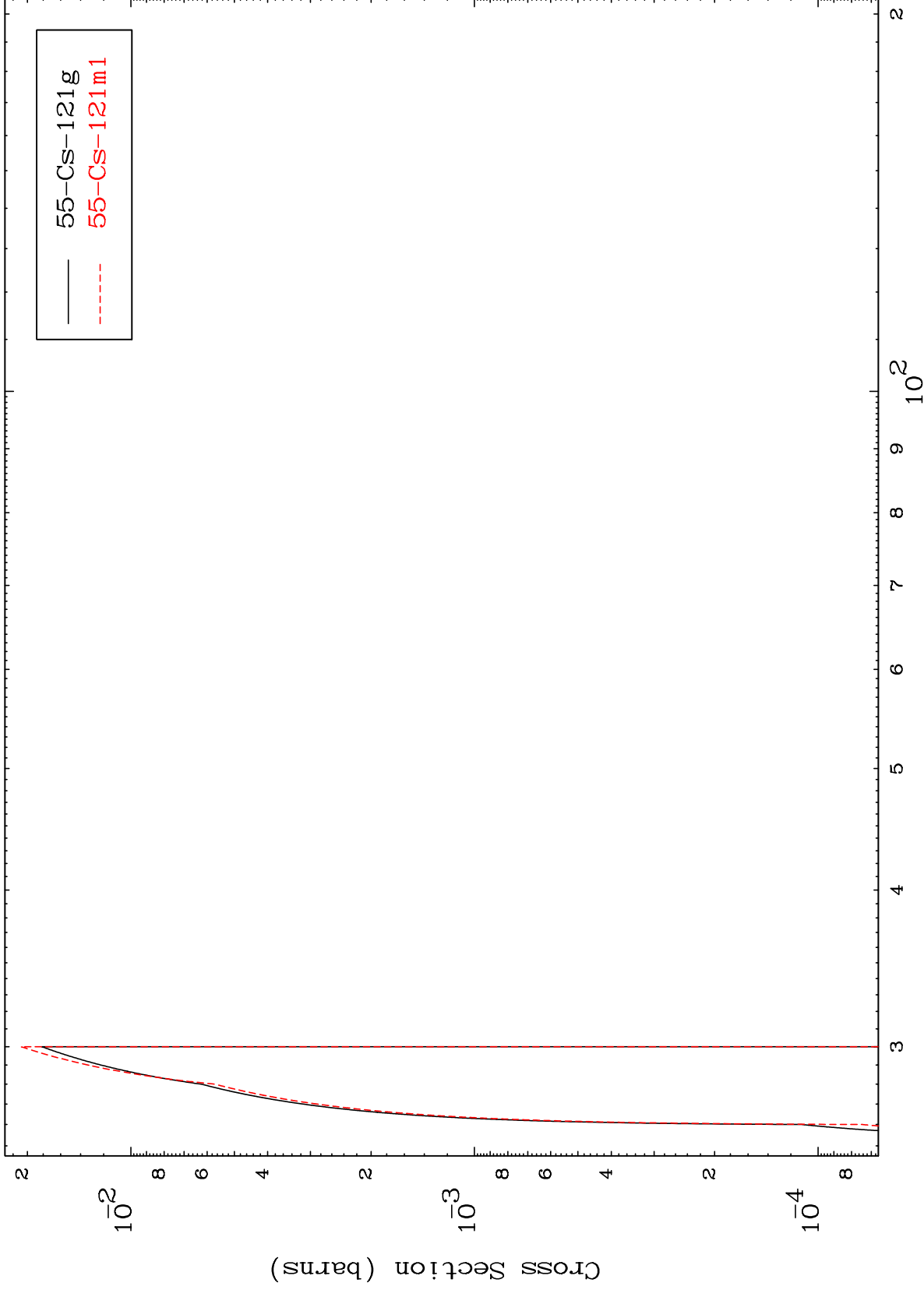


MAT 5422

(n,3n)

54-Xe-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

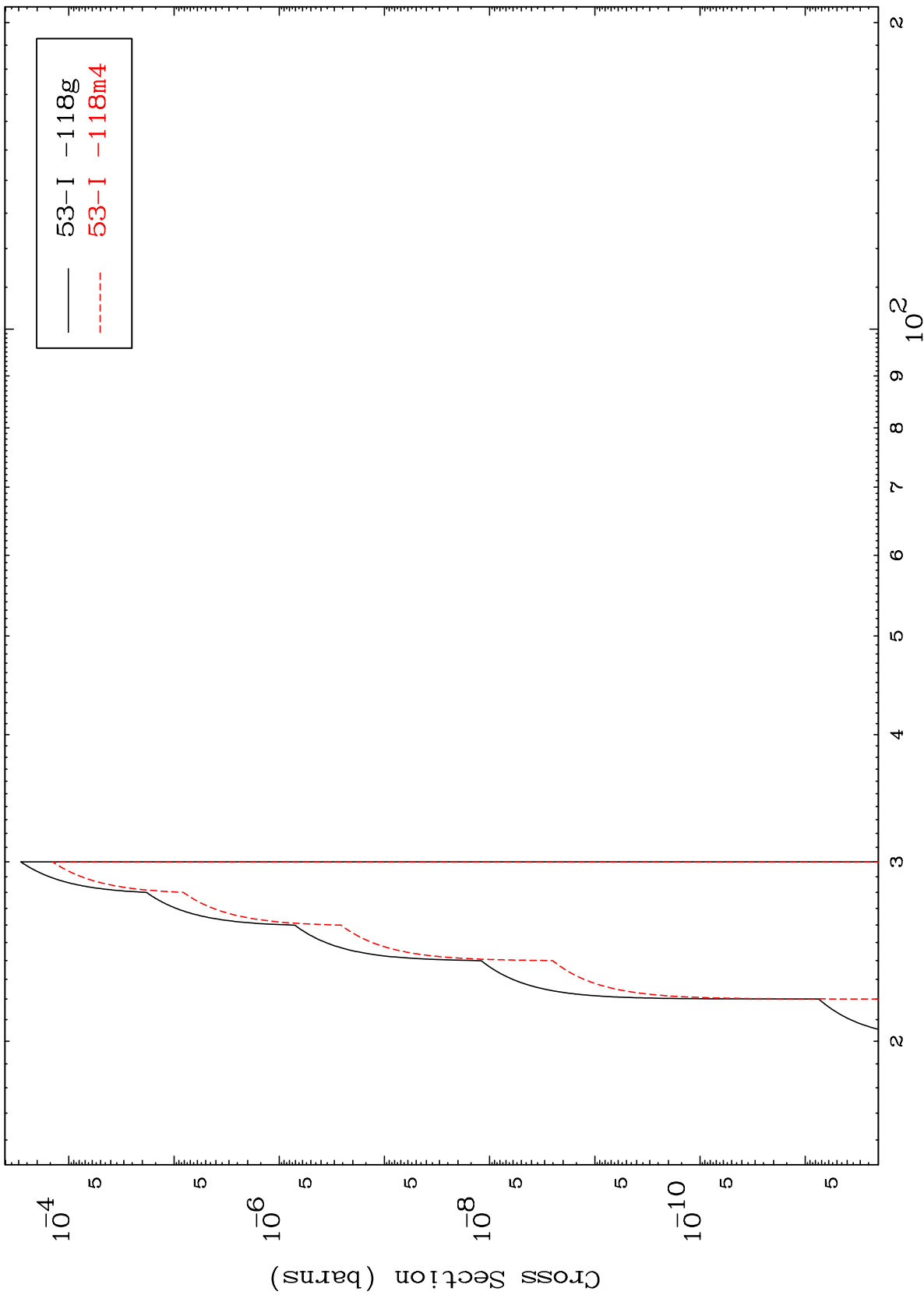
54-Xe-123

MAT 5422

(n,2n)  $\alpha$

54-Xe-123

Radionuclide Production Cross Section



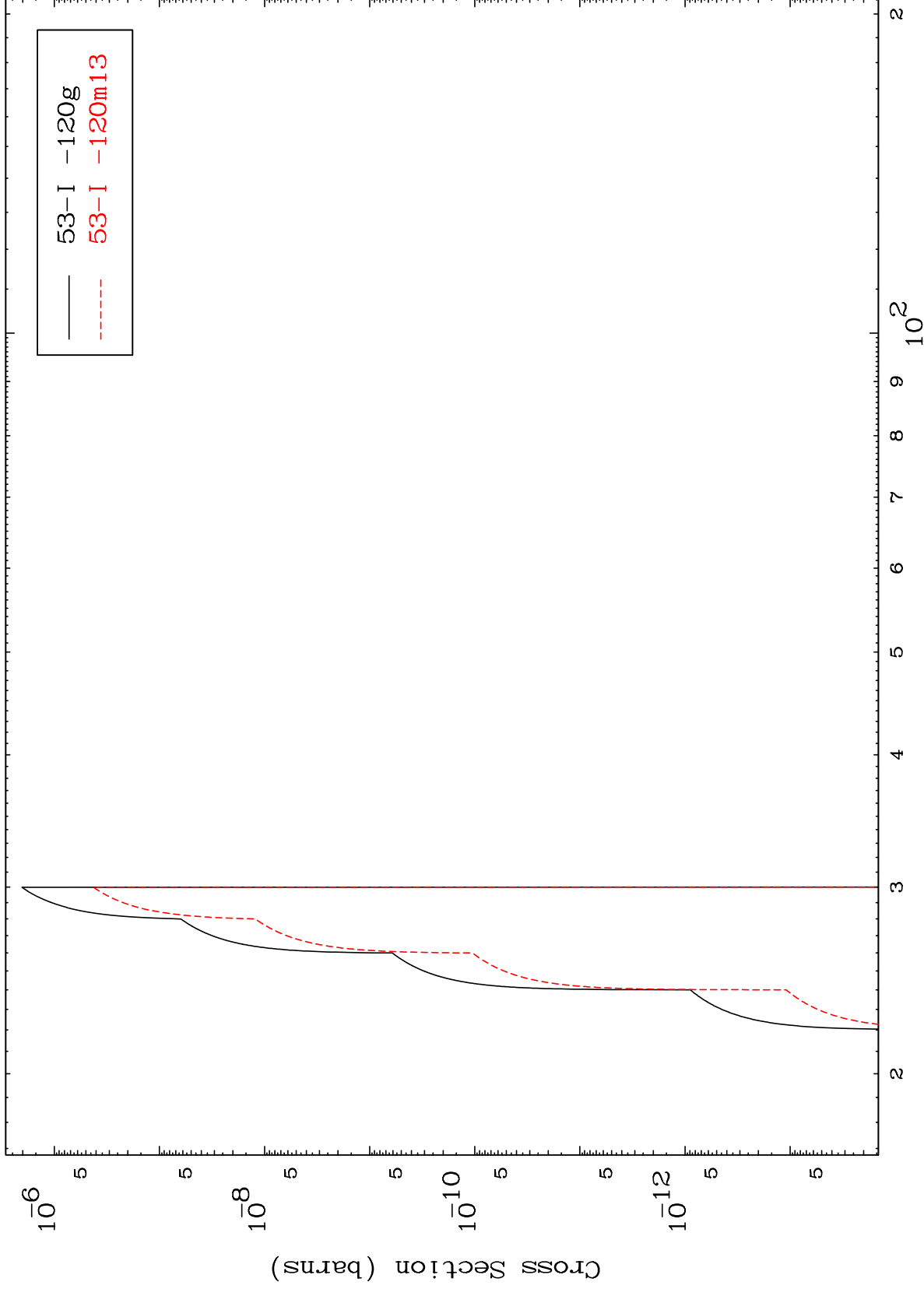
15

Incident Energy (MeV)

54-Xe-123



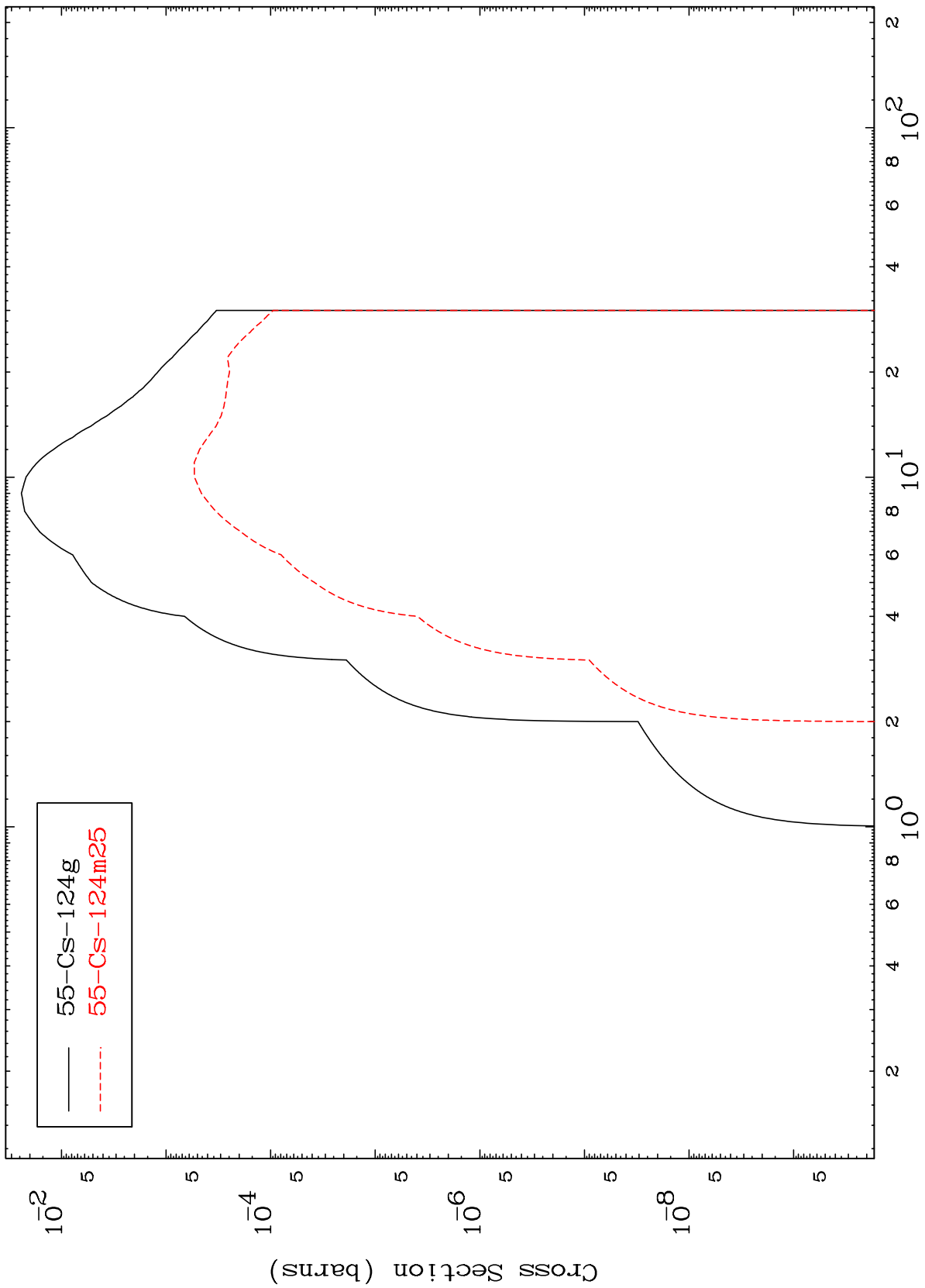
Radionuclide Production Cross Section



MAT 5422

54-Xe-123

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



— 55-Cs-124g  
- - - 55-Cs-124m25

17

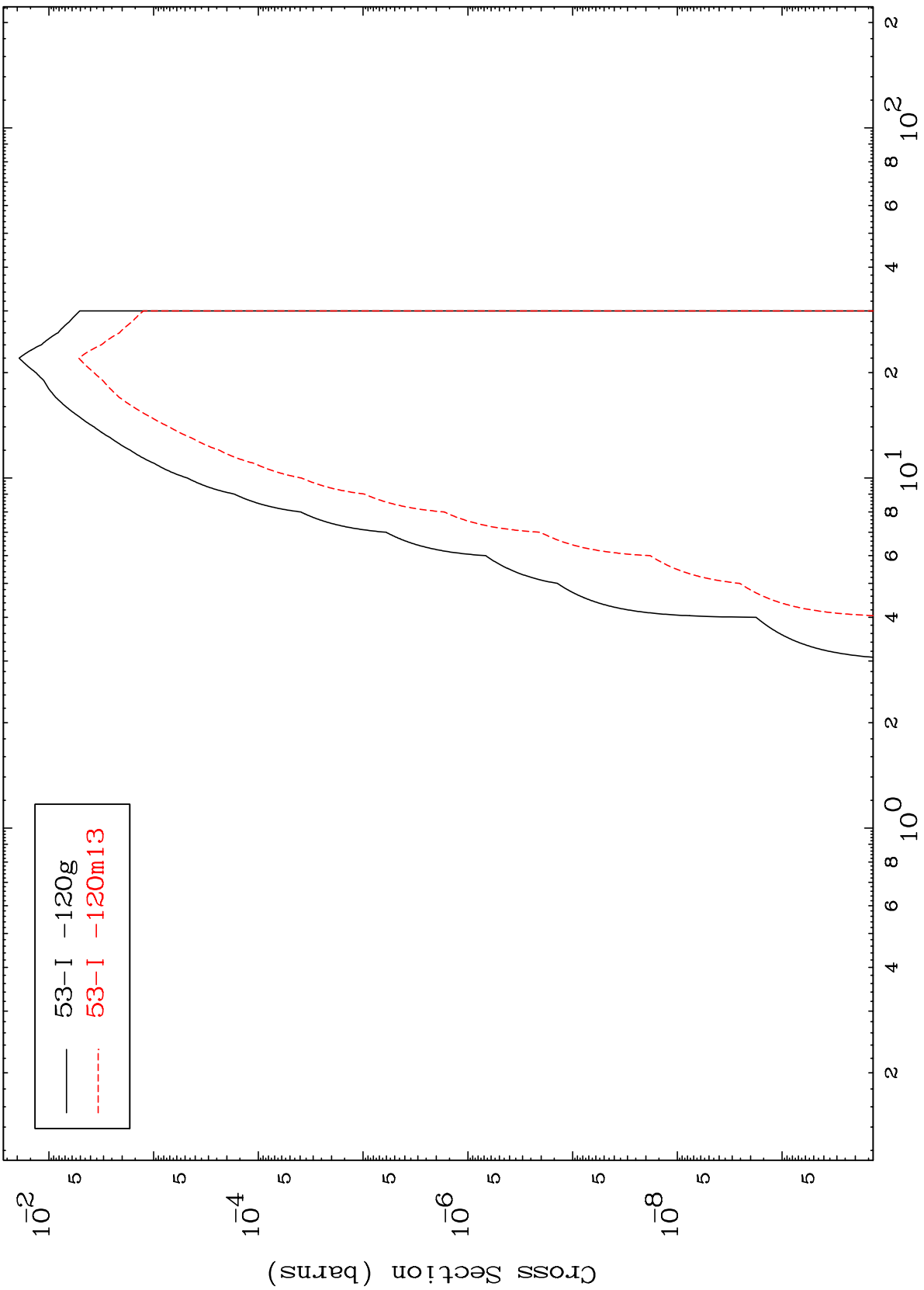
54-Xe-123

Incident Energy (MeV)

MAT 5422

54-Xe-123

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



53-I -120g  
53-I -120m13

54-Xe-123

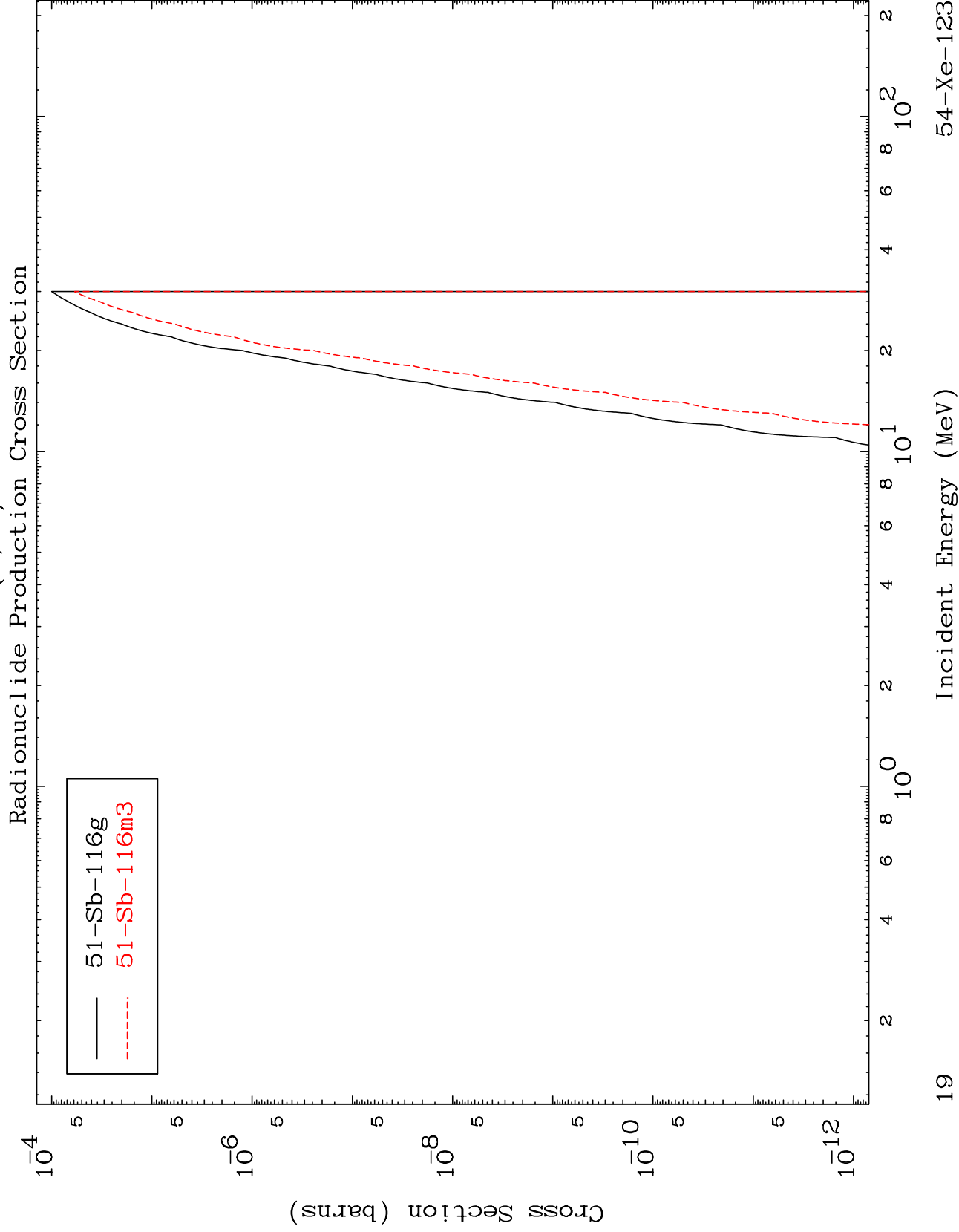
Incident Energy (MeV)

18

MAT 5422

(n,2α)

54-Xe-123

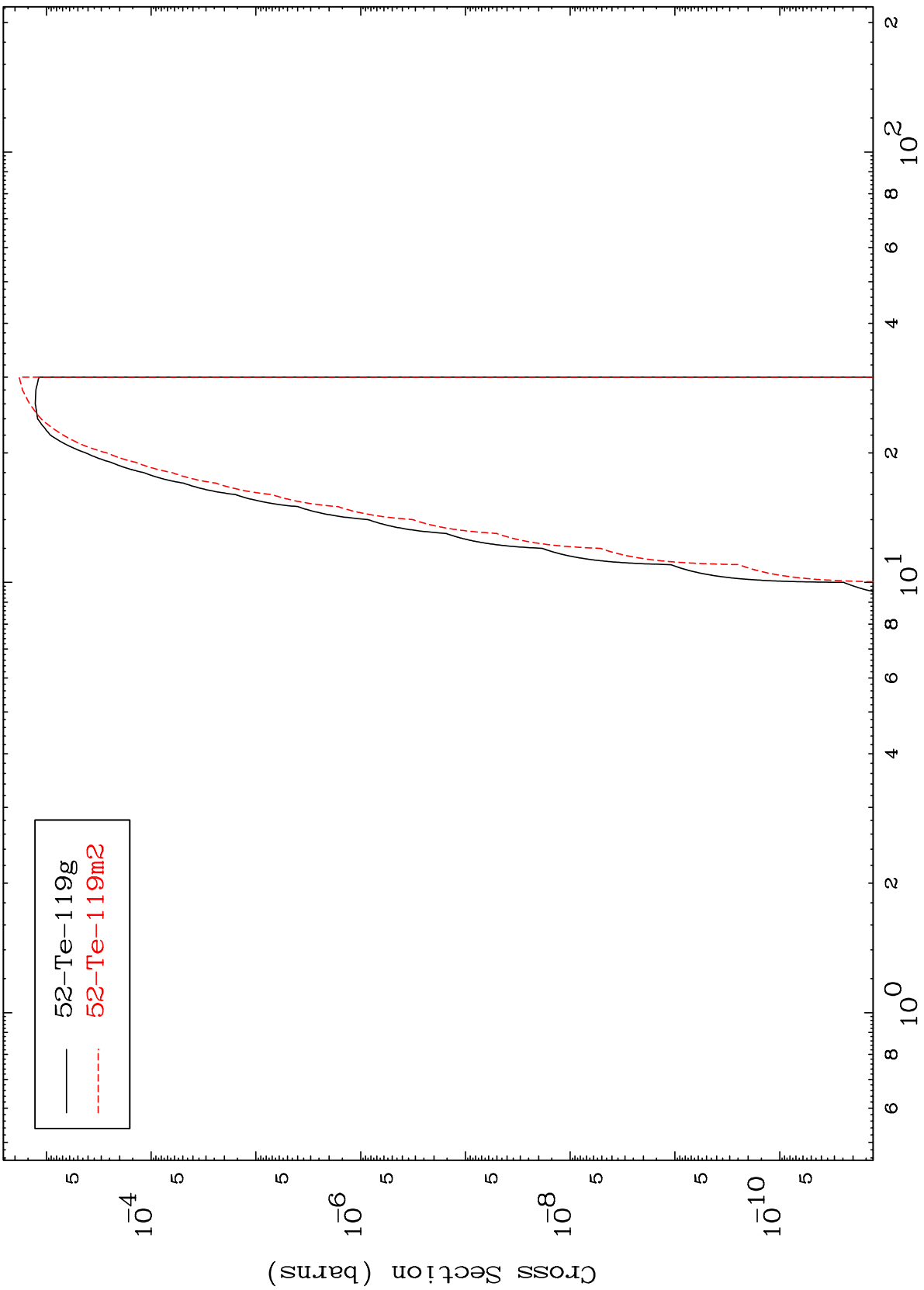


MAT 5422

(n,p)  $\alpha$

54-Xe-123

Radionuclide Production Cross Section



20

Incident Energy (MeV)

54-Xe-123

