

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

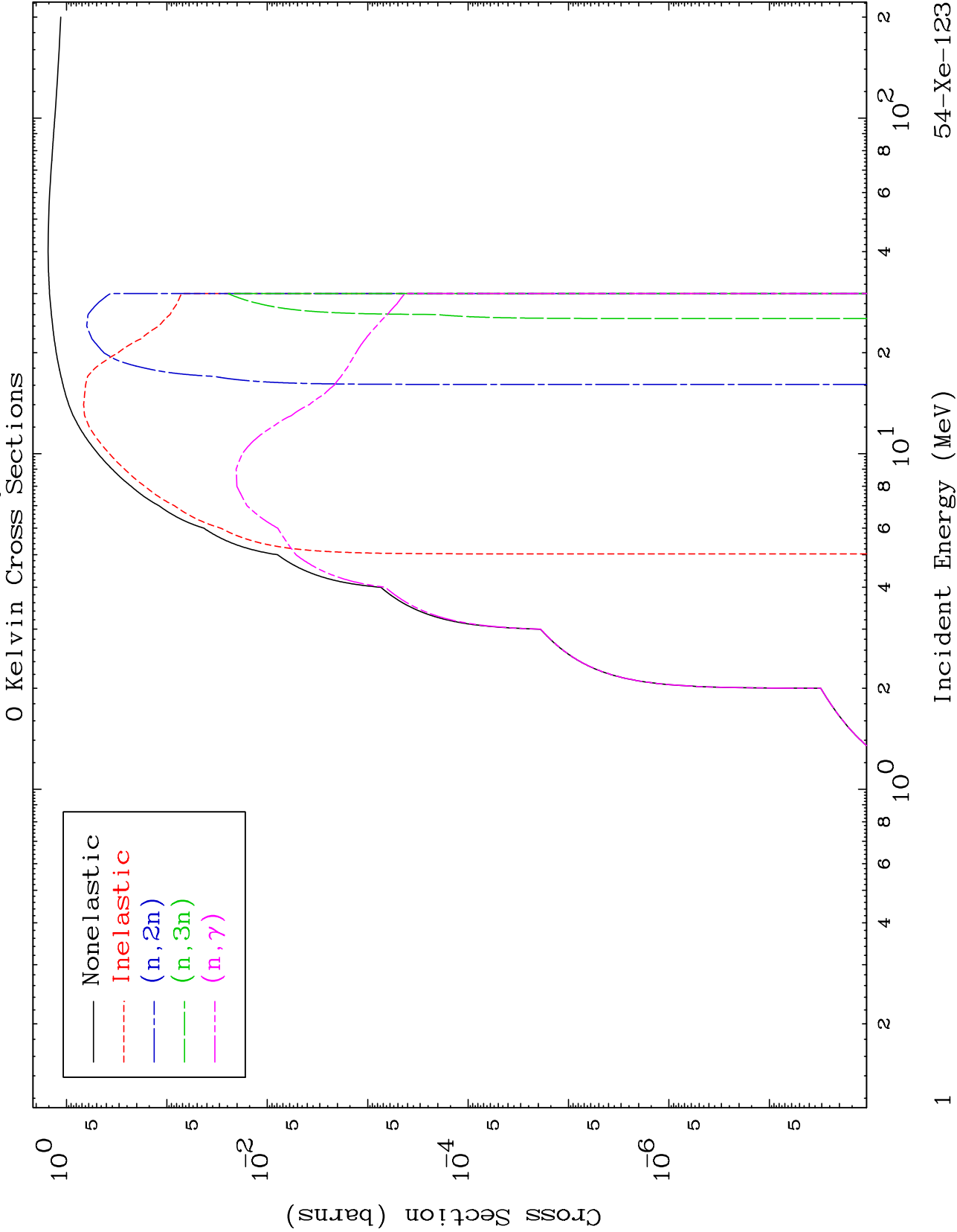
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

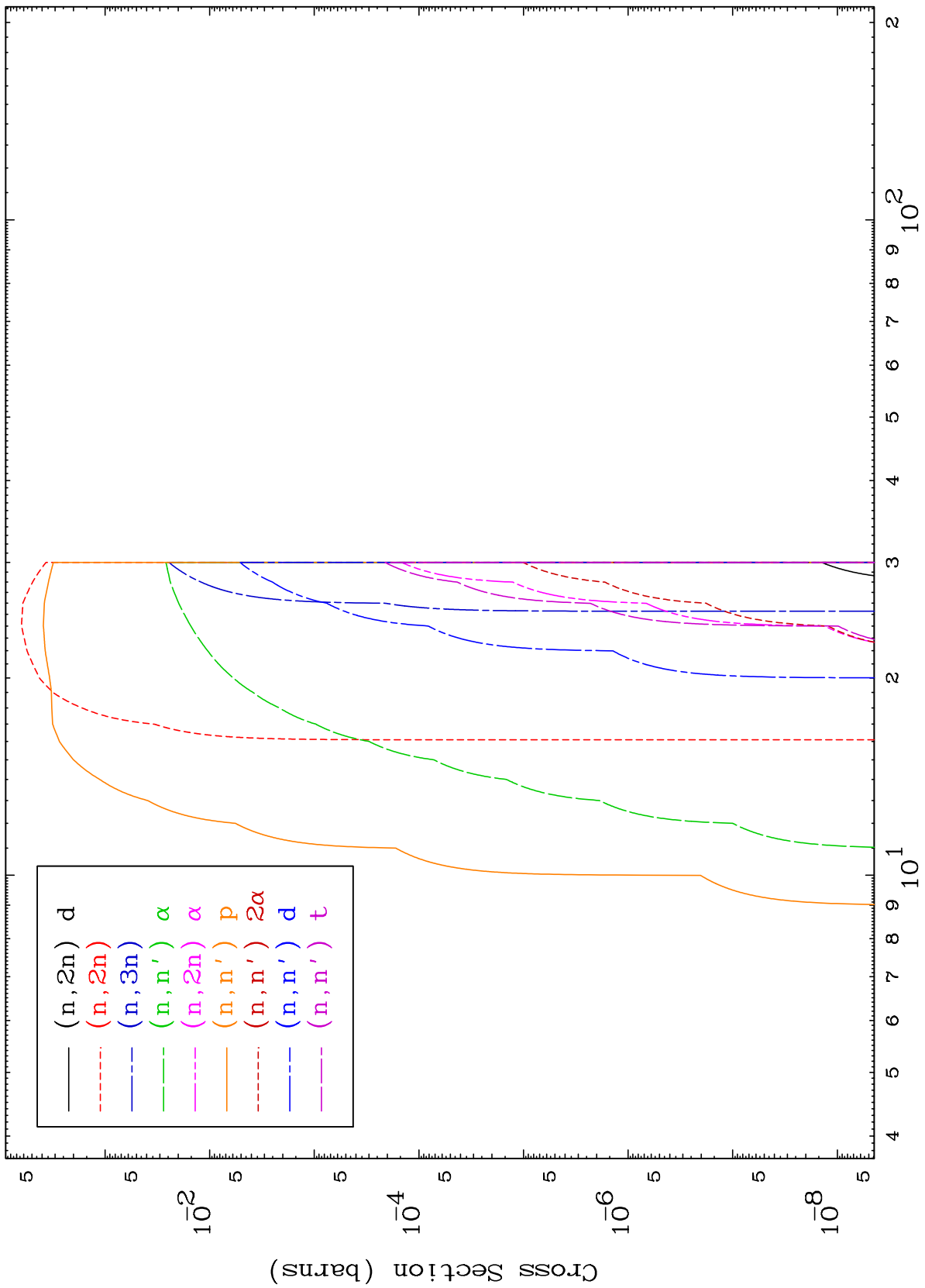
Tele: 925-443-1911

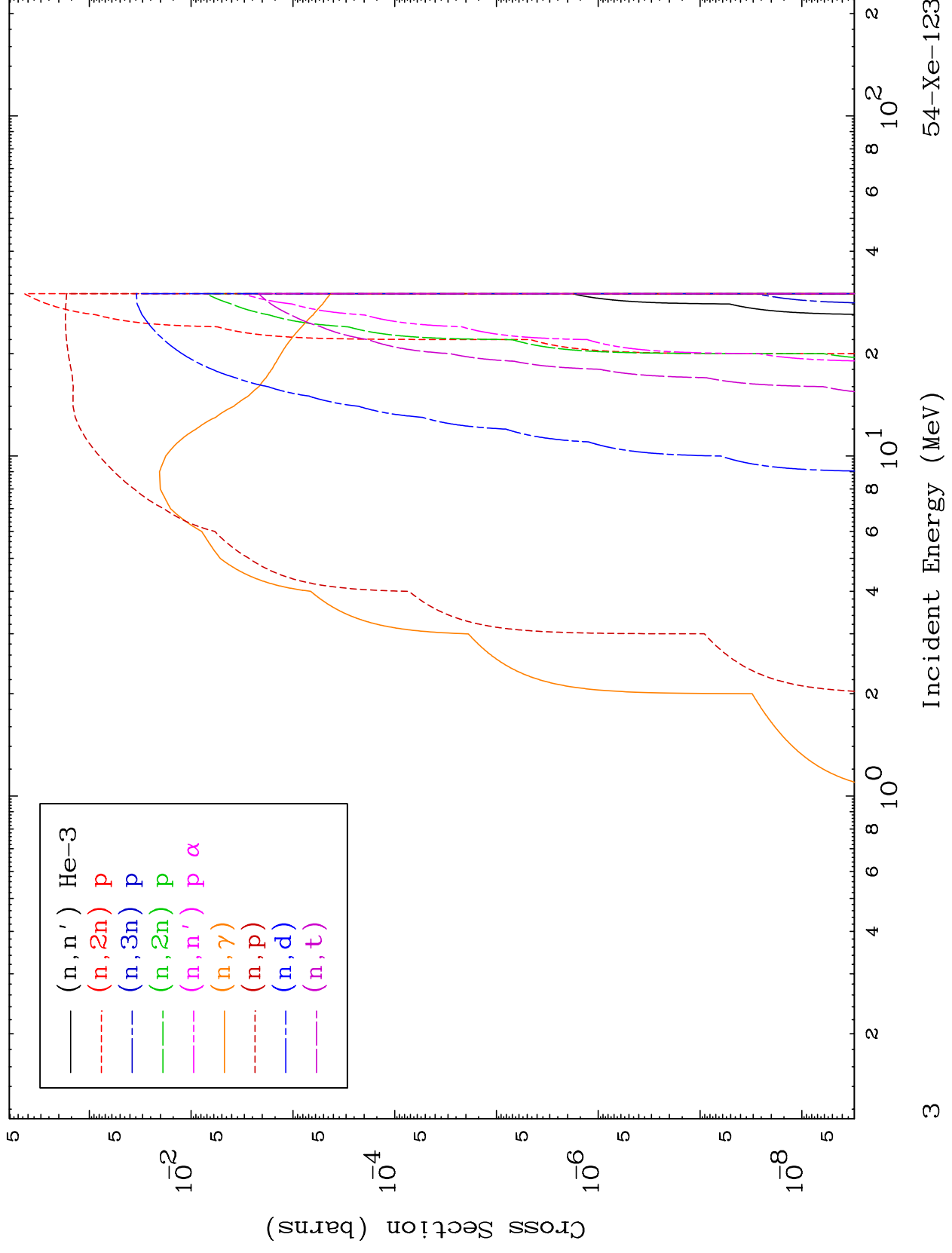
E.Mail:redcullen1@comcast.net

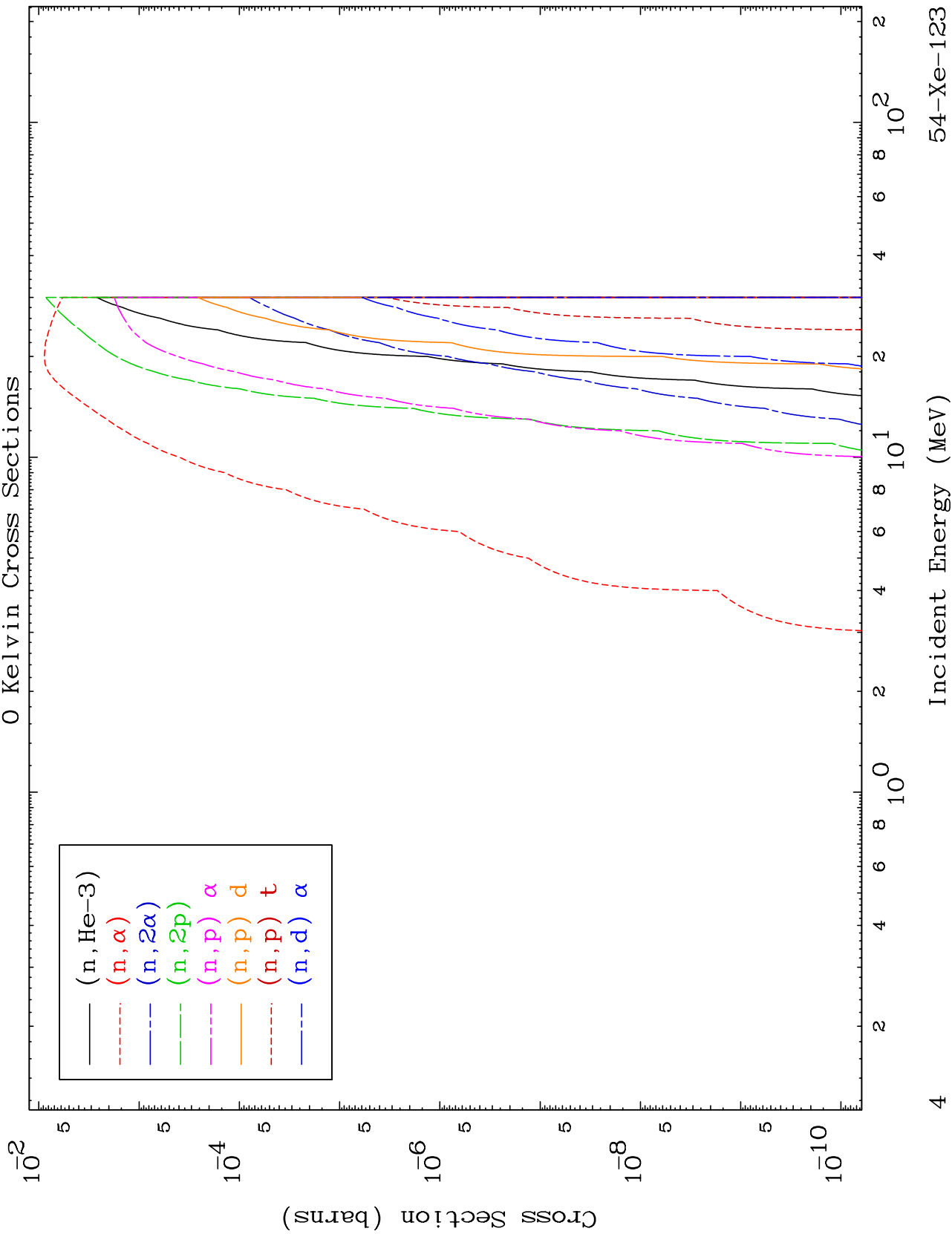
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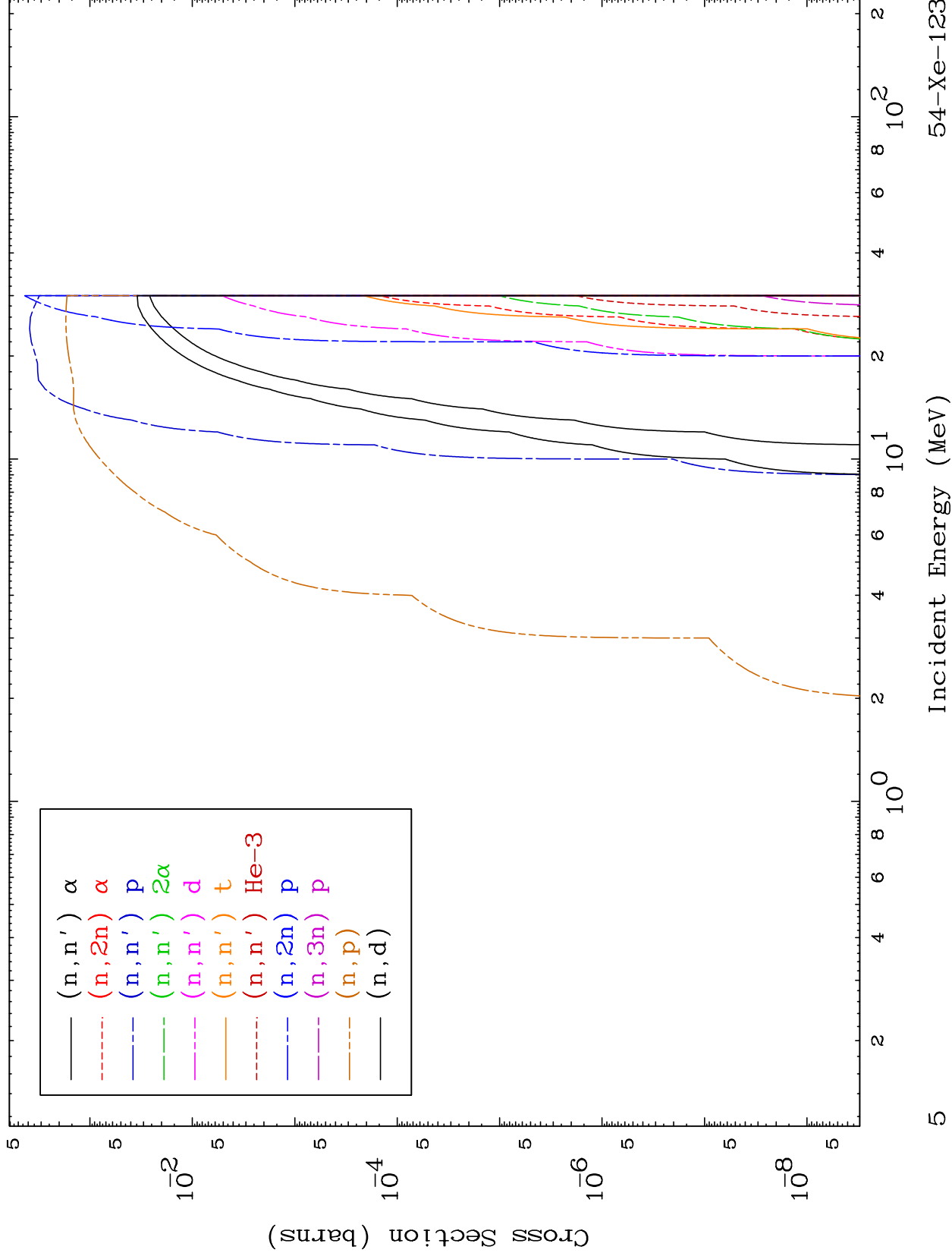
Press Mouse Button to Start

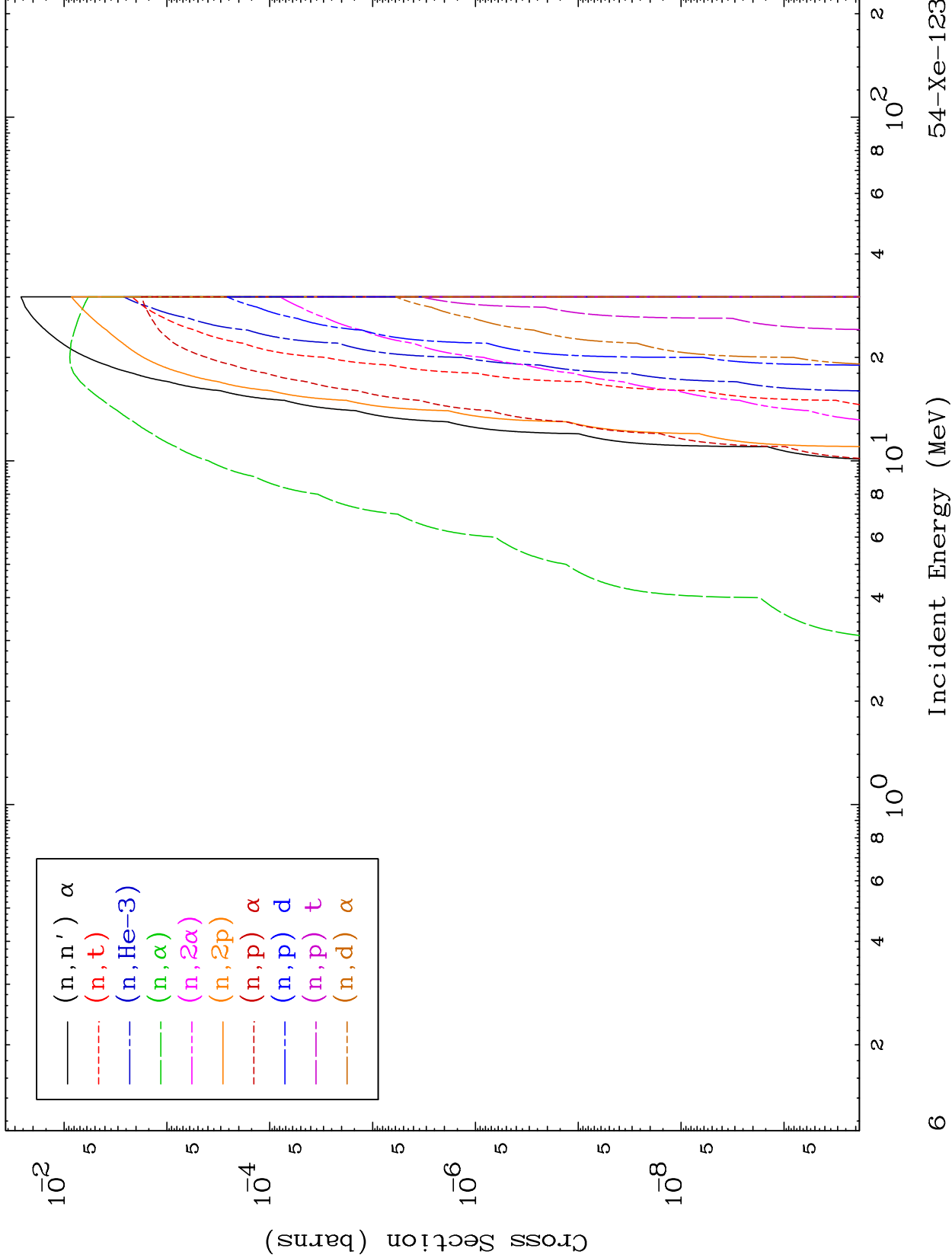










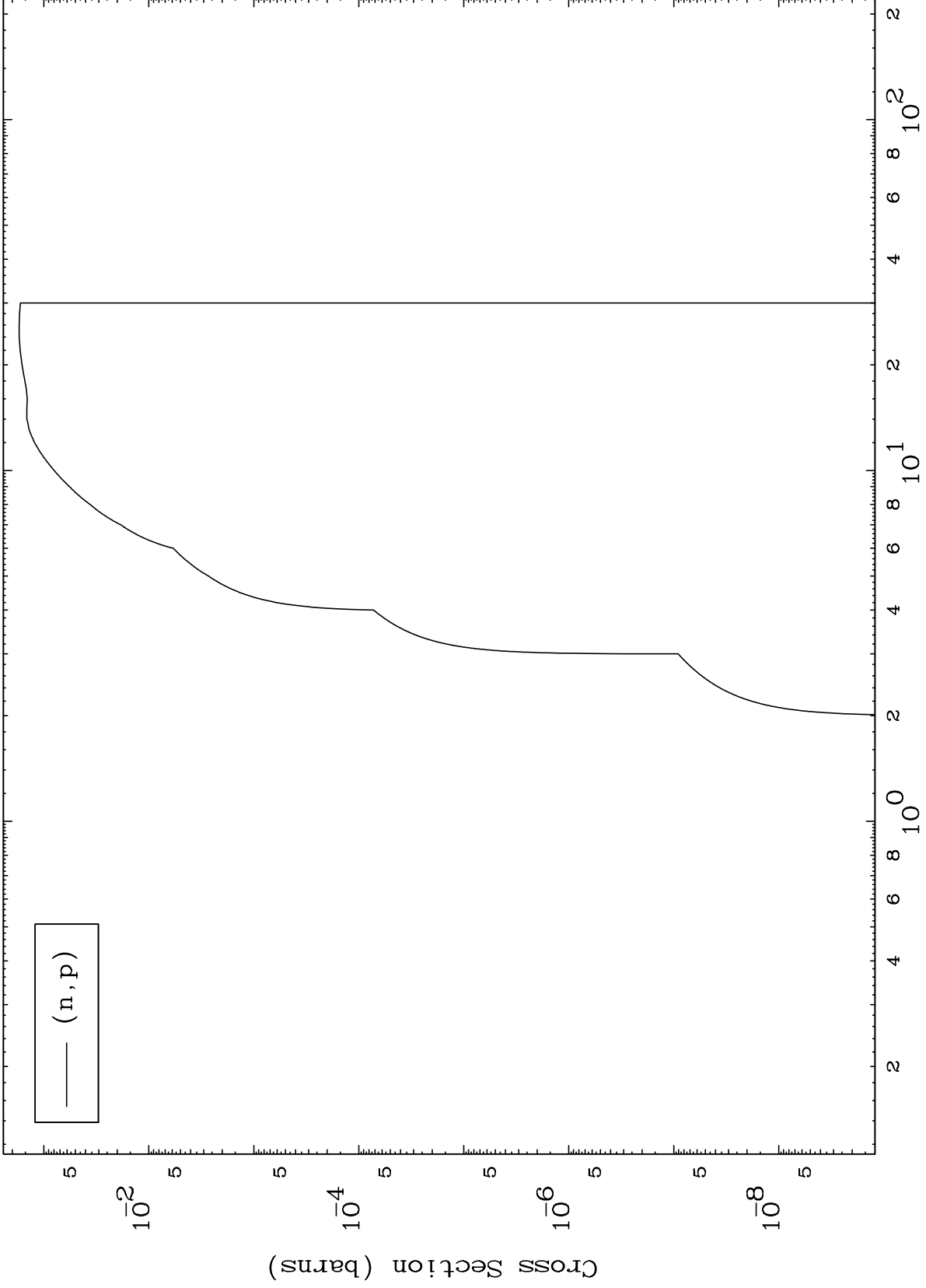


MAT 5422

(p,p) Levels

54-Xe-123

0 Kelvin Cross Sections

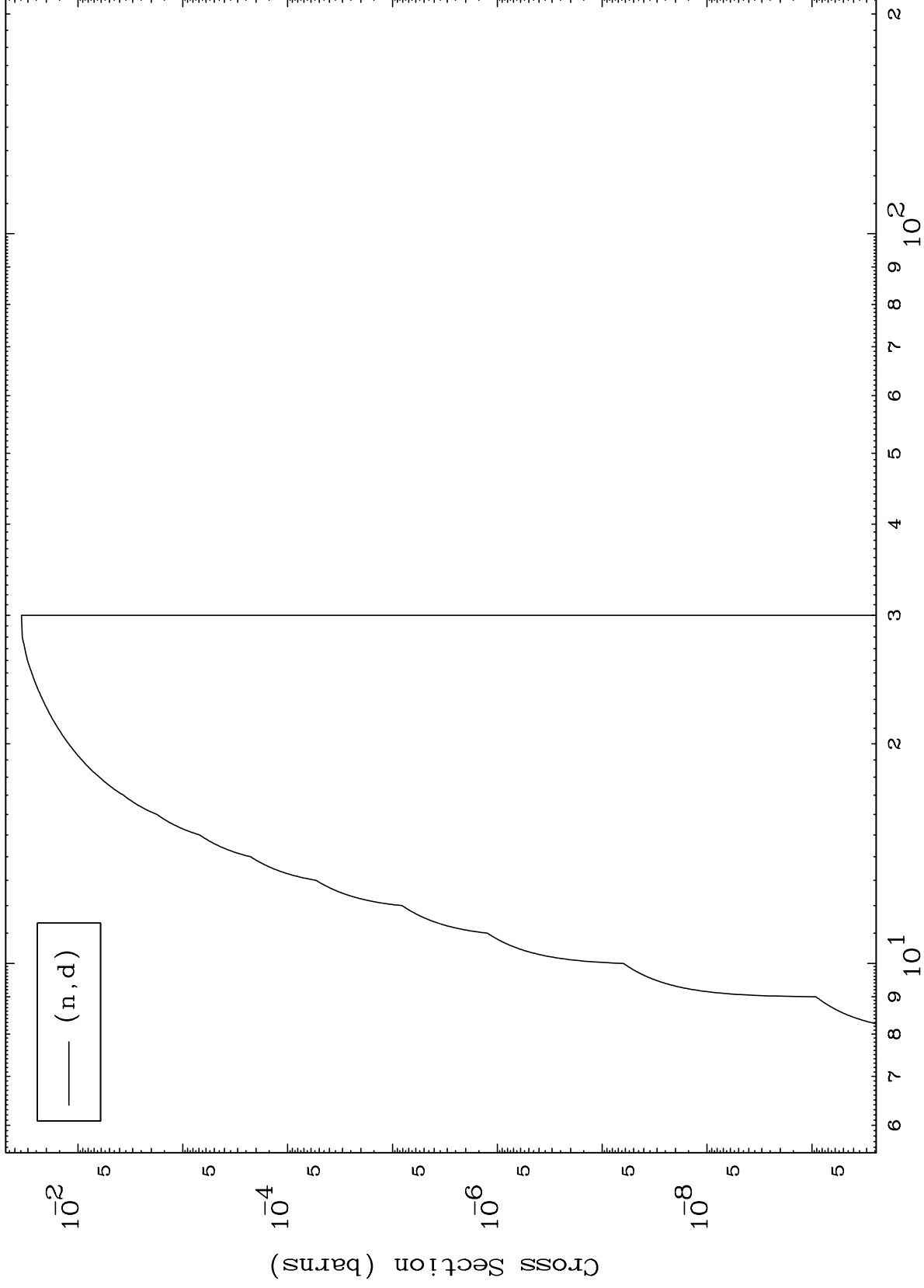


(n,p)

MAT 5422

(p,d) Levels
0 Kelvin Cross Sections

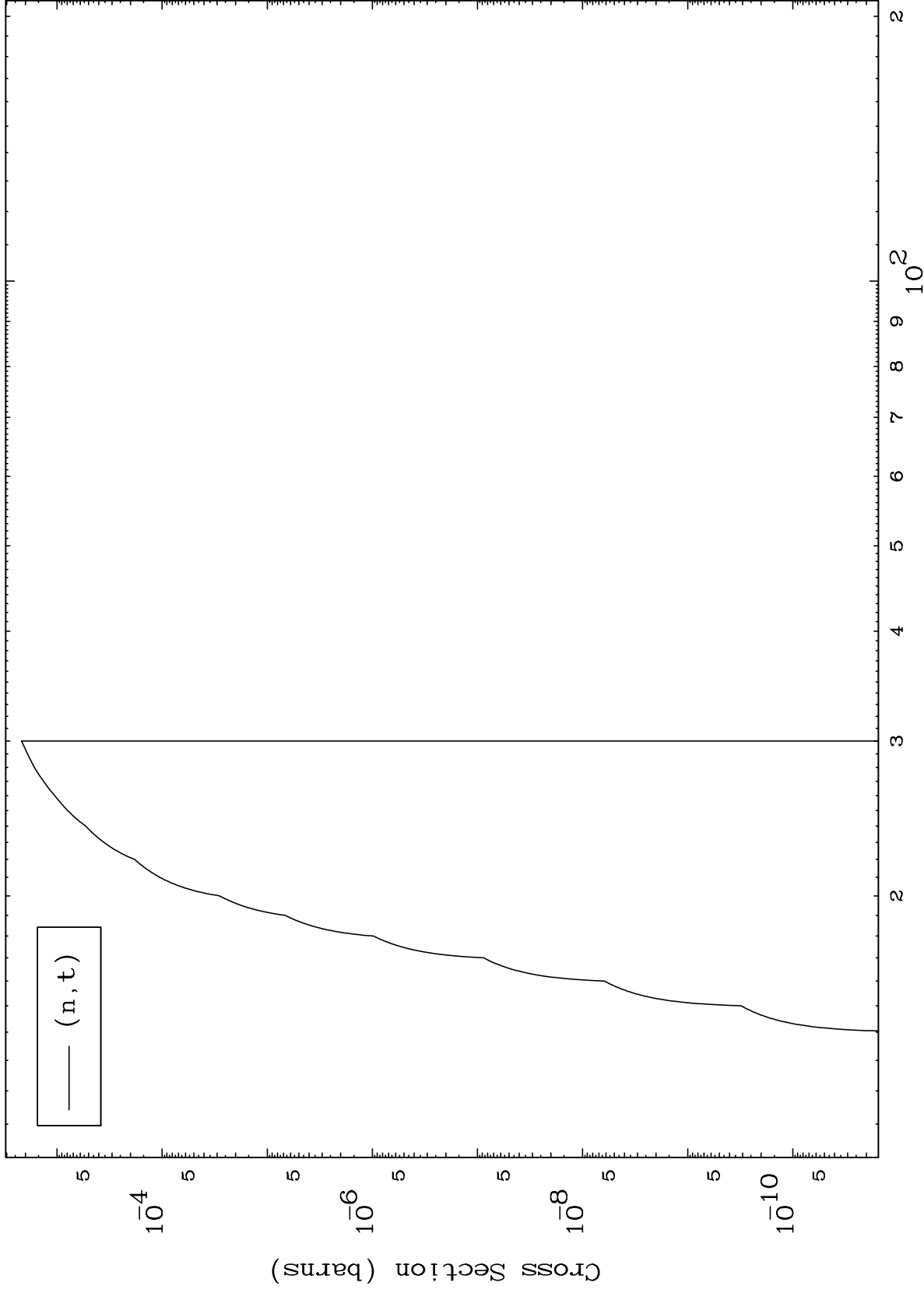
54-Xe-123



8

Incident Energy (MeV)

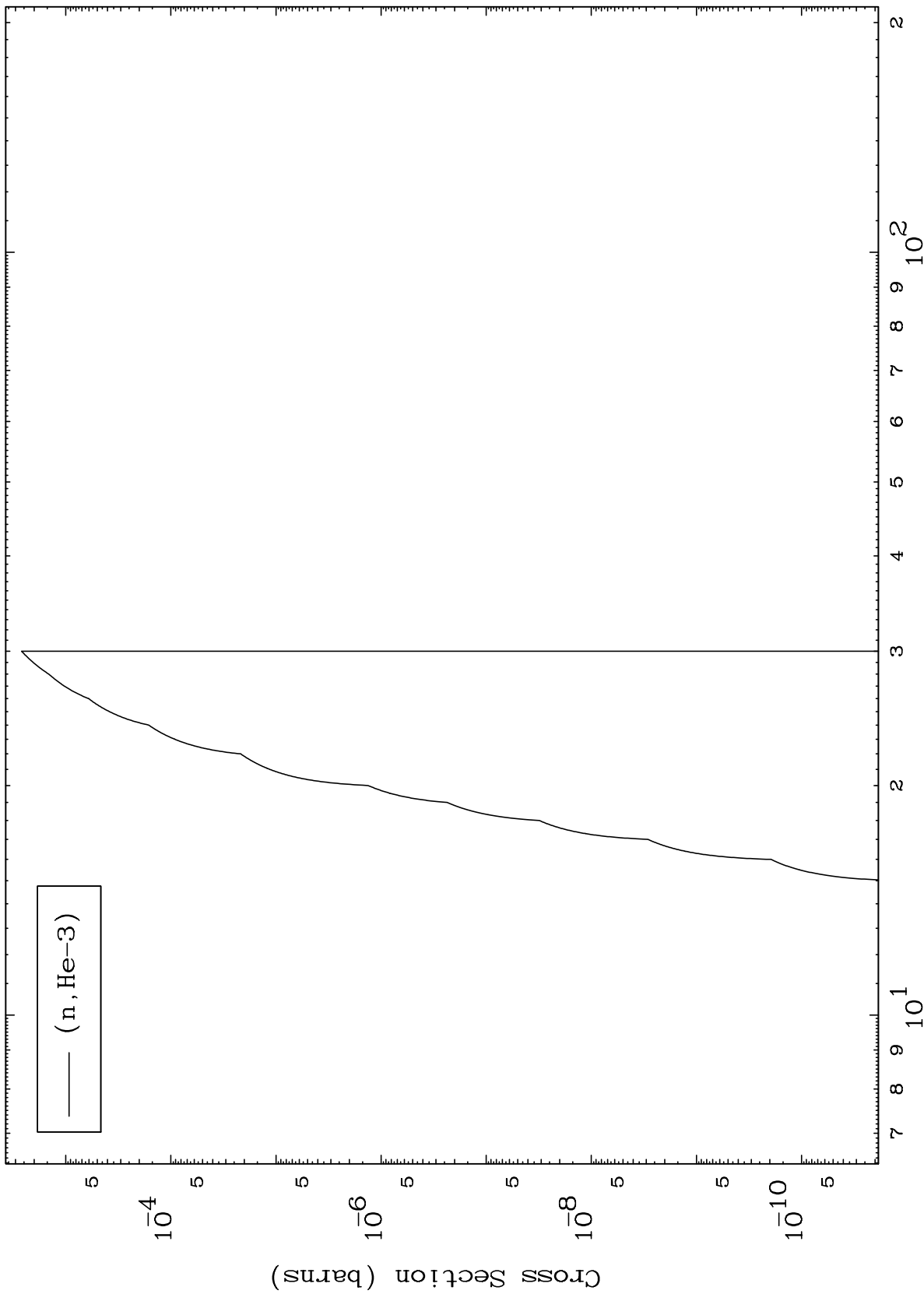
54-Xe-123



MAT 5422

54-Xe-123

(p,He3) Levels
0 Kelvin Cross Sections



54-Xe-123

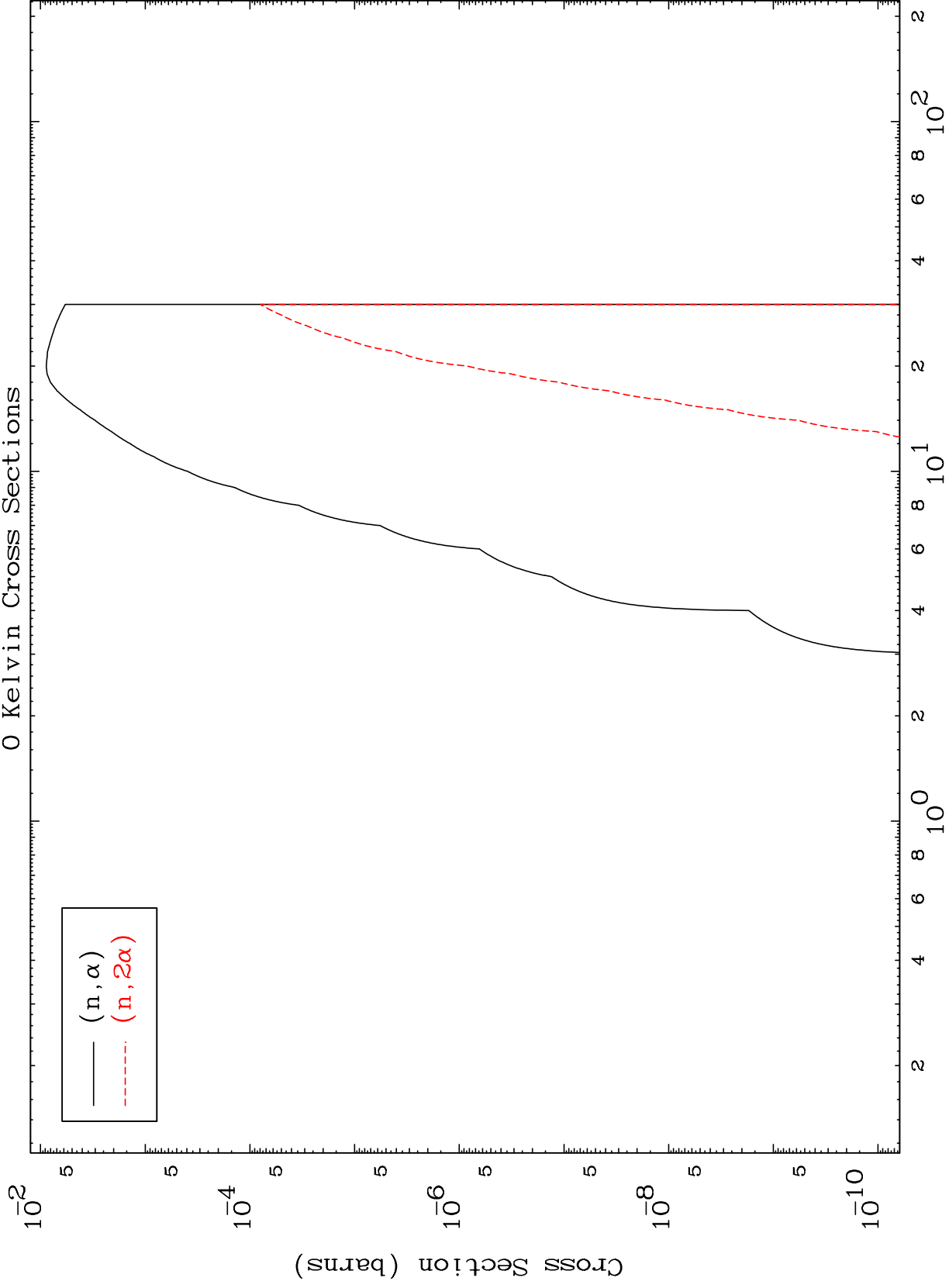
Incident Energy (MeV)

10

MAT 5422

(p, α) Levels
0 Kelvin Cross Sections

54-Xe-123



11

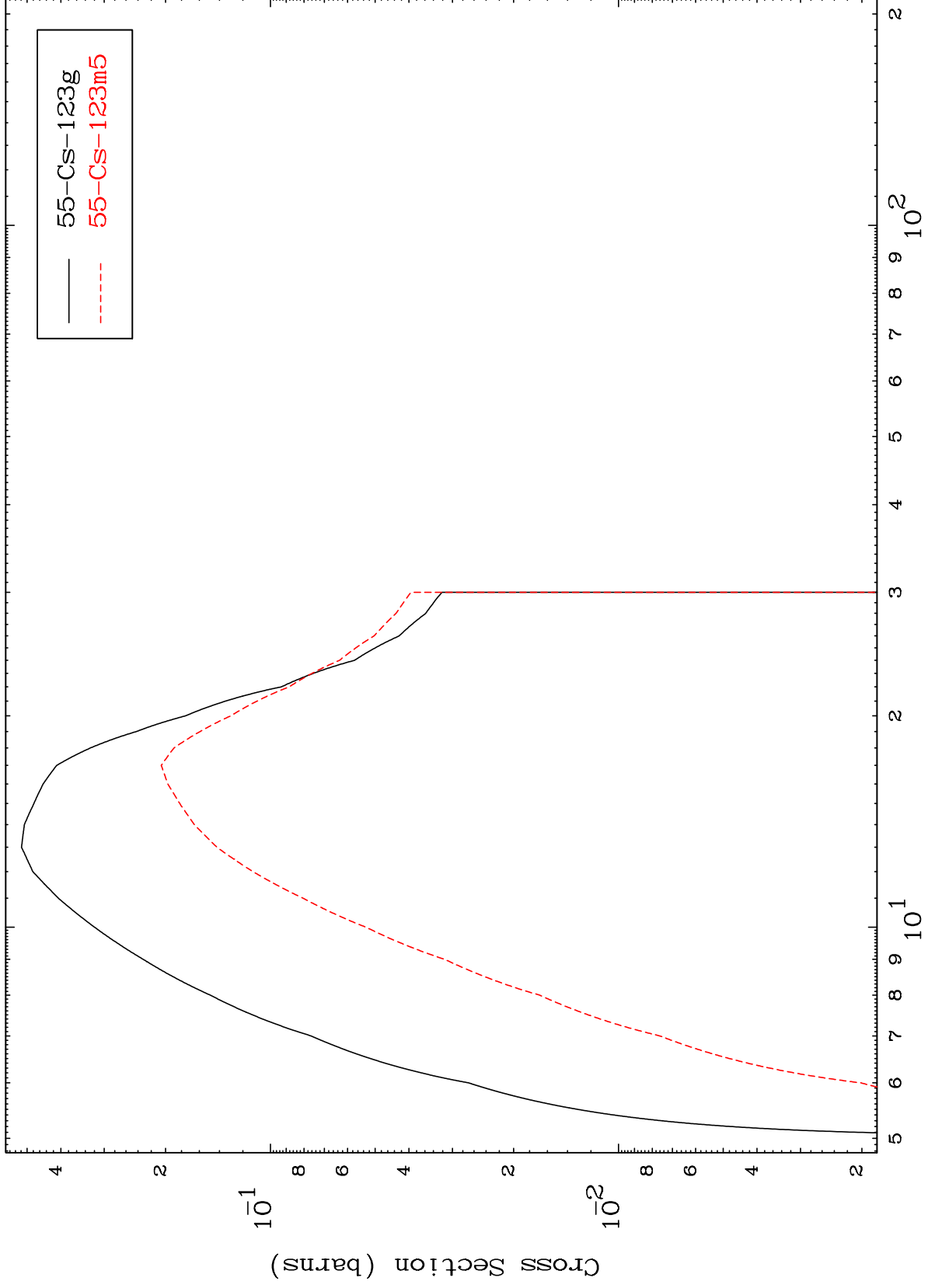
Incident Energy (MeV)

54-Xe-123

MAT 5422

Inelastic
Radionuclide Production Cross Section

54-Xe-123

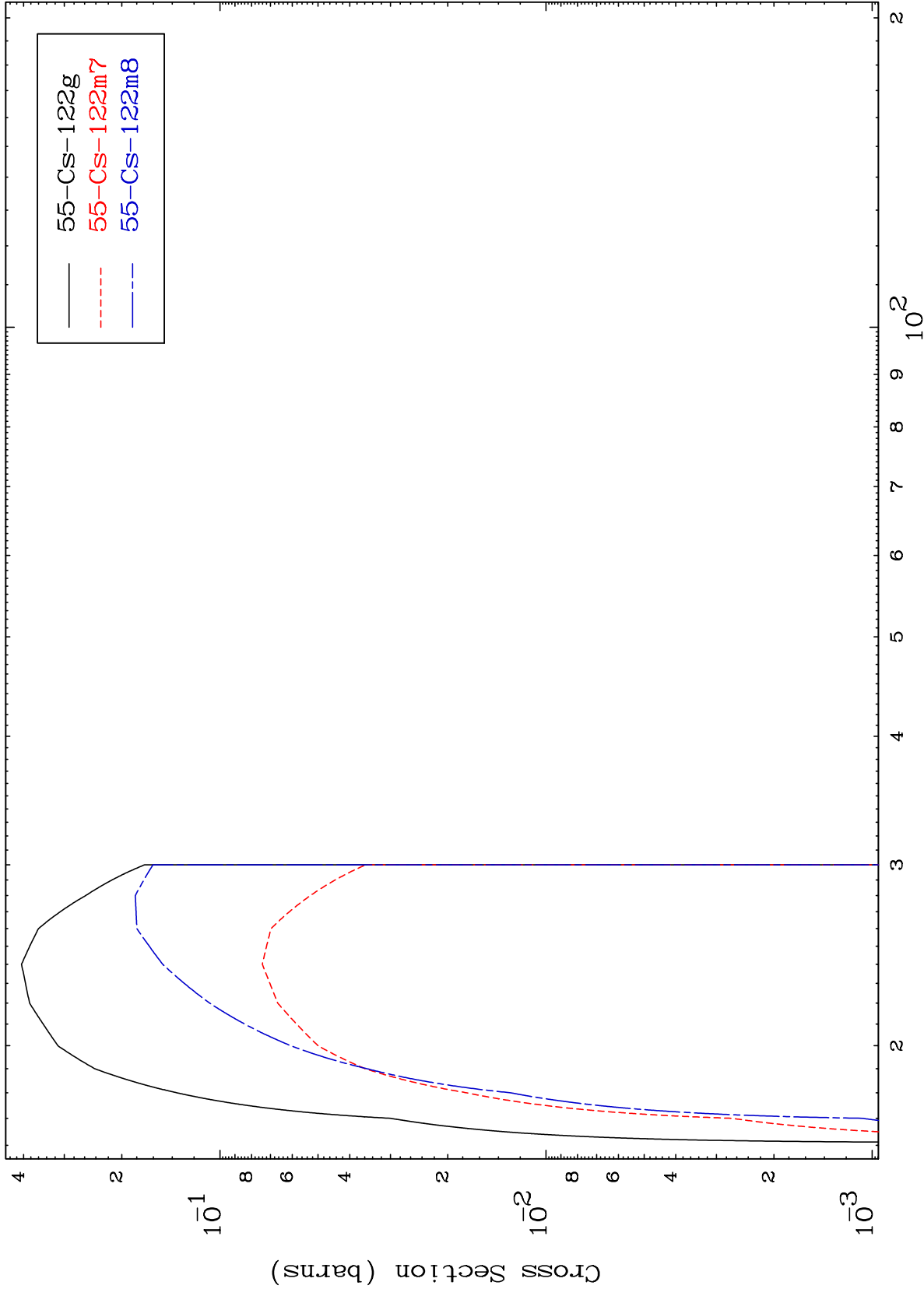


12

Incident Energy (MeV)

54-Xe-123

Radionuclide Production Cross Section

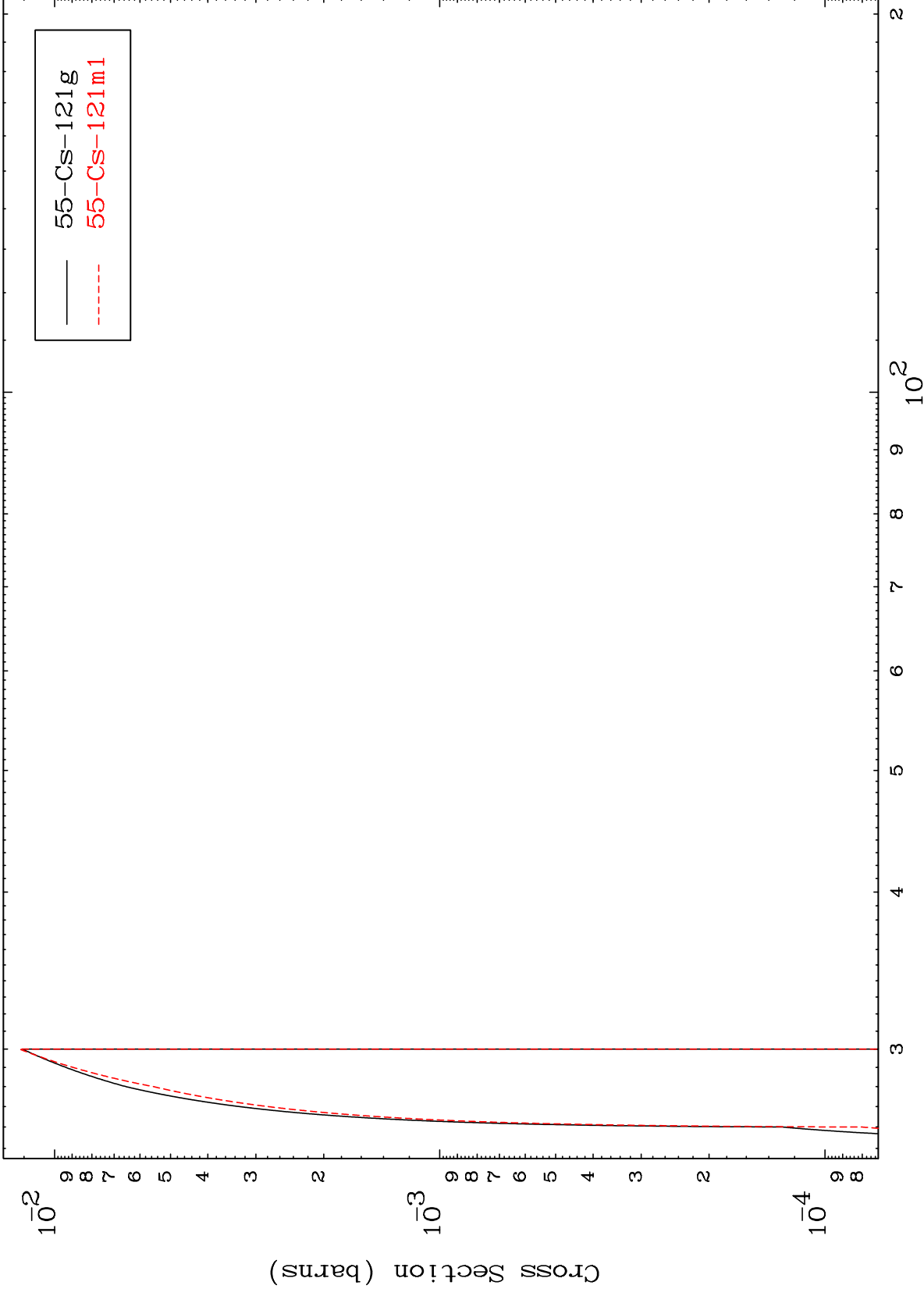


MAT 5422

(n,3n)

54-Xe-123

Radionuclide Production Cross Section

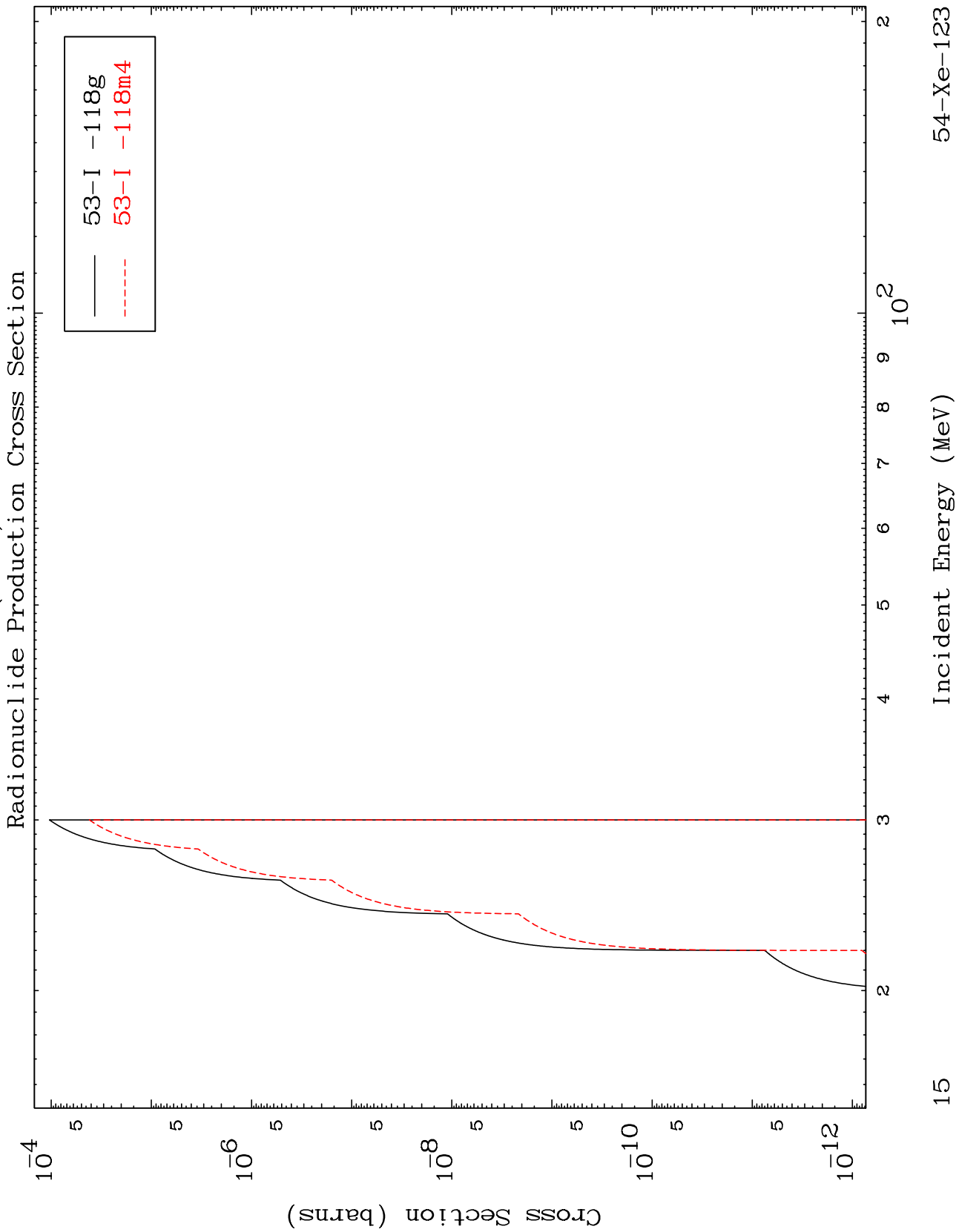


55-Cs-121g
55-Cs-121m1

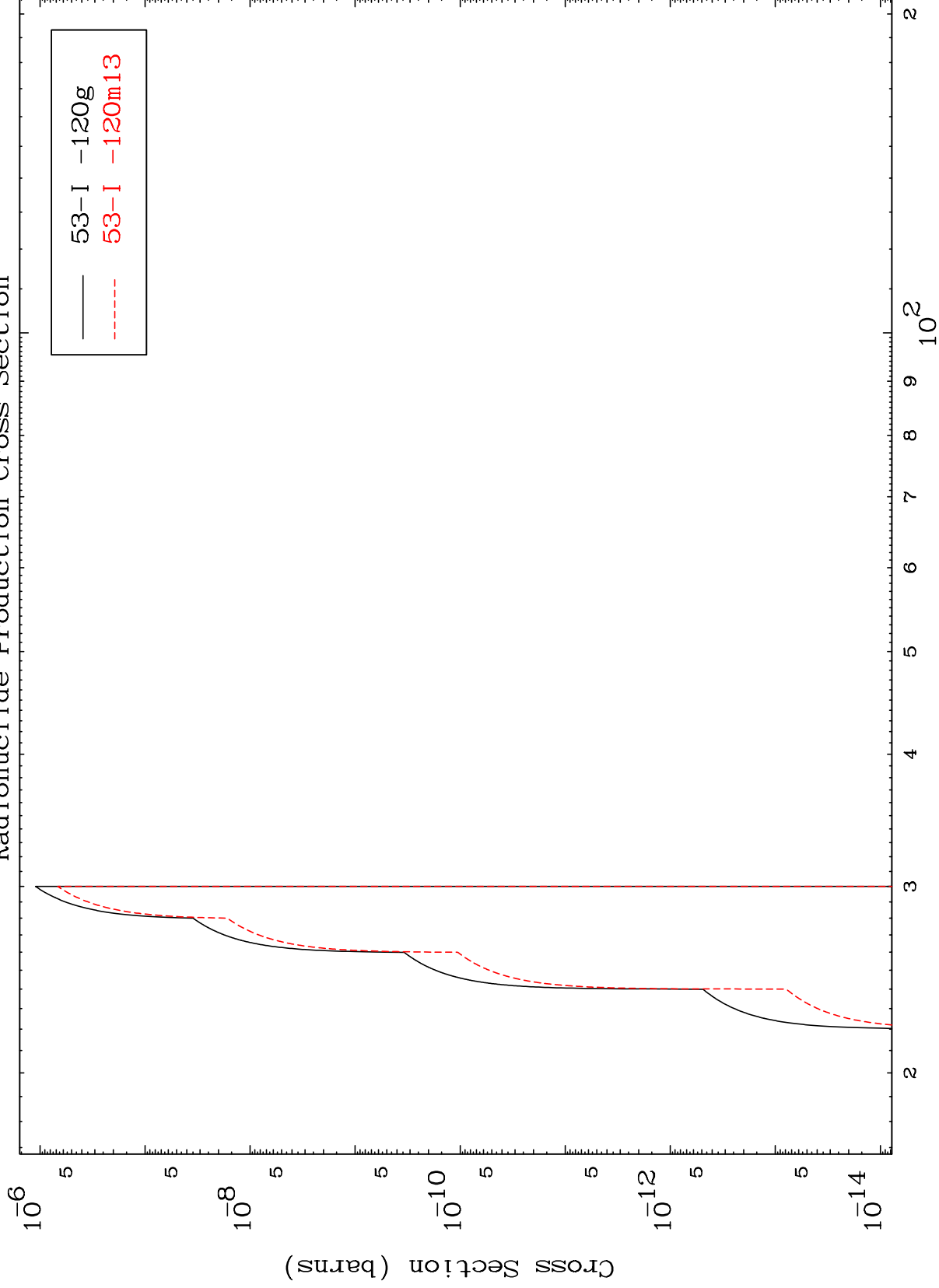
14

Incident Energy (MeV)

54-Xe-123



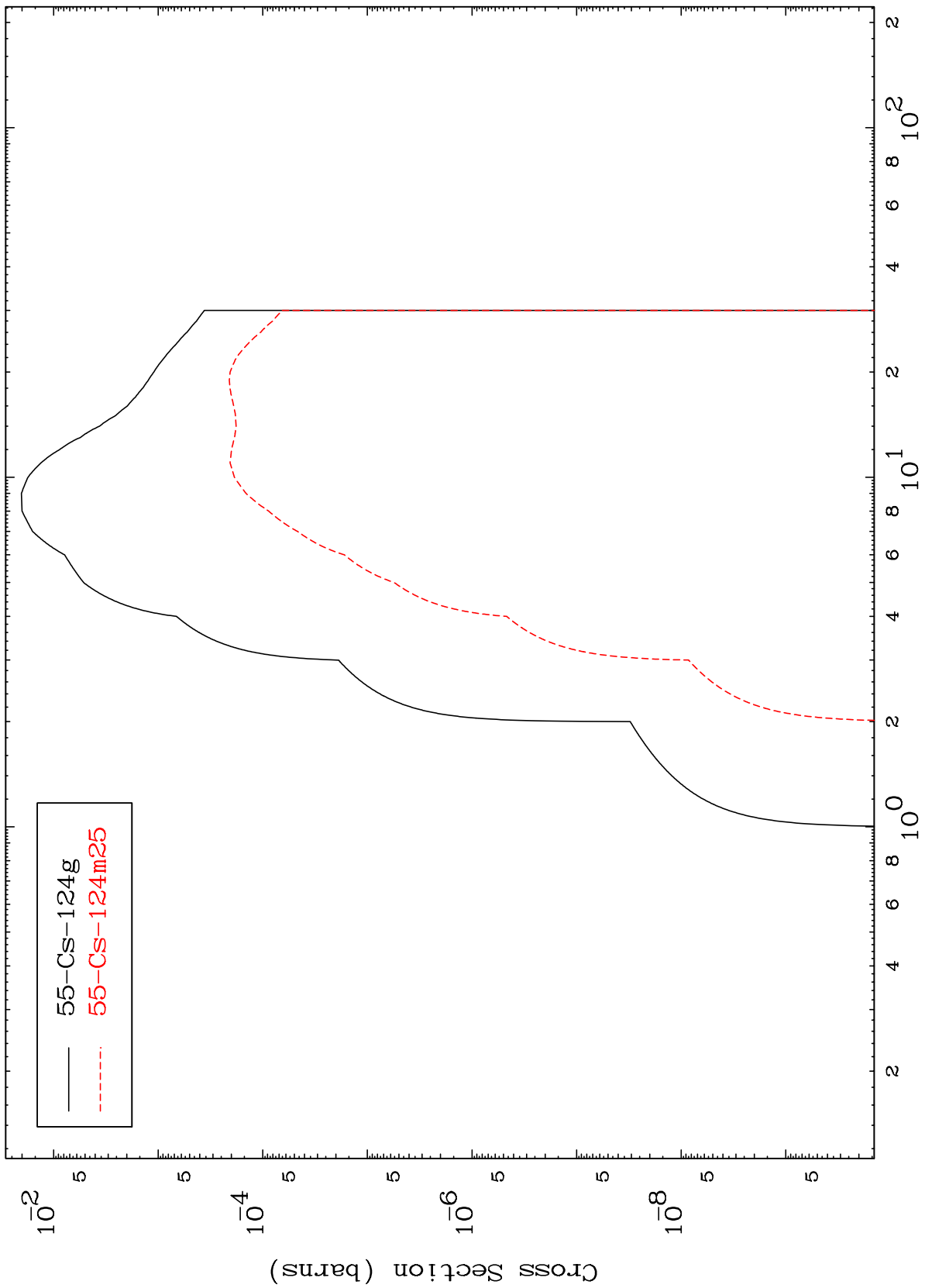
Radionuclide Production Cross Section



MAT 5422

54-Xe-123

(n, γ)
Radionuclide Production Cross Section



— 55-Cs-124g
- - - 55-Cs-124m25

54-Xe-123

Incident Energy (MeV)

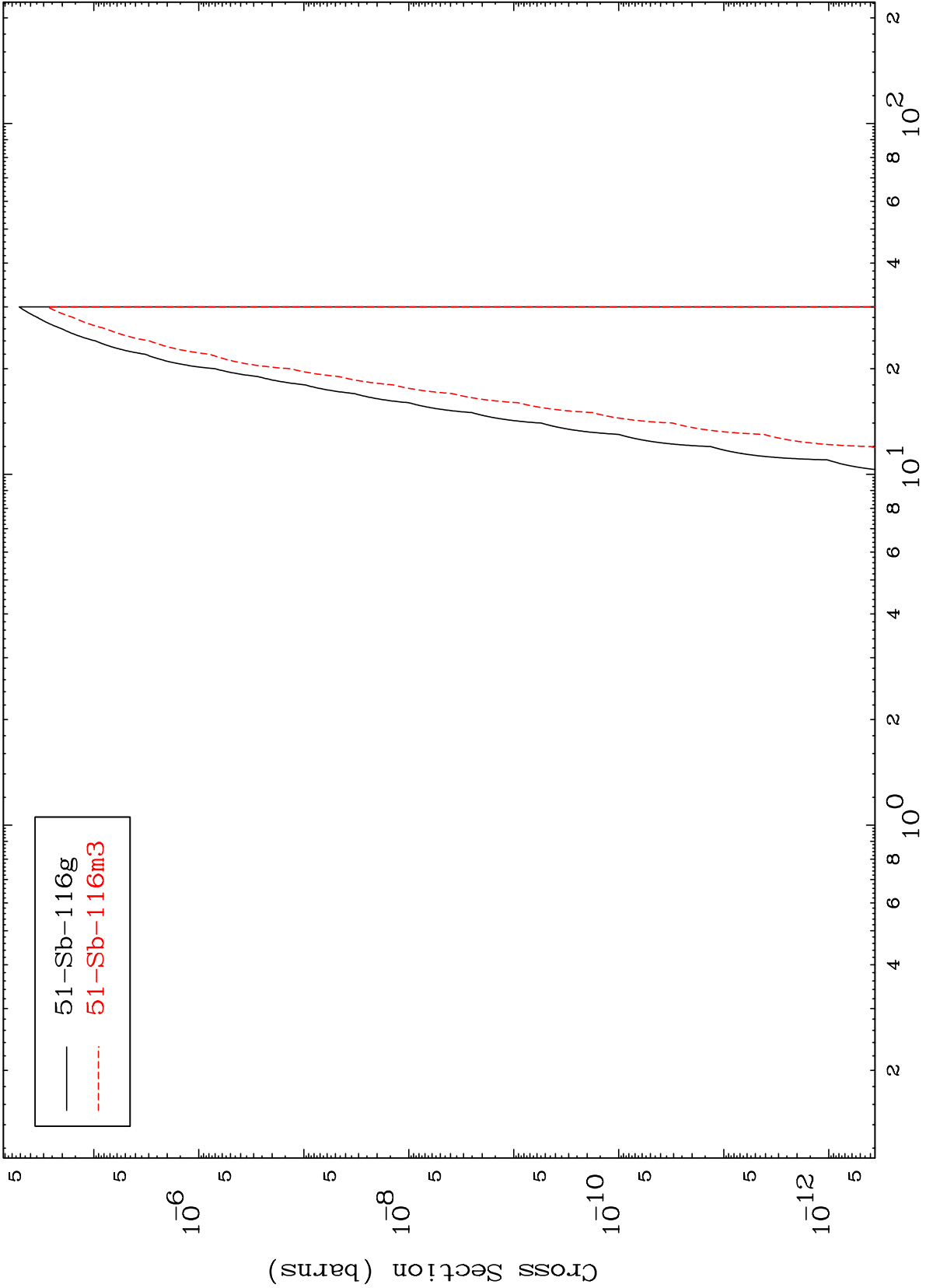
17

MAT 5422

(n,2α)

54-Xe-123

Radionuclide Production Cross Section

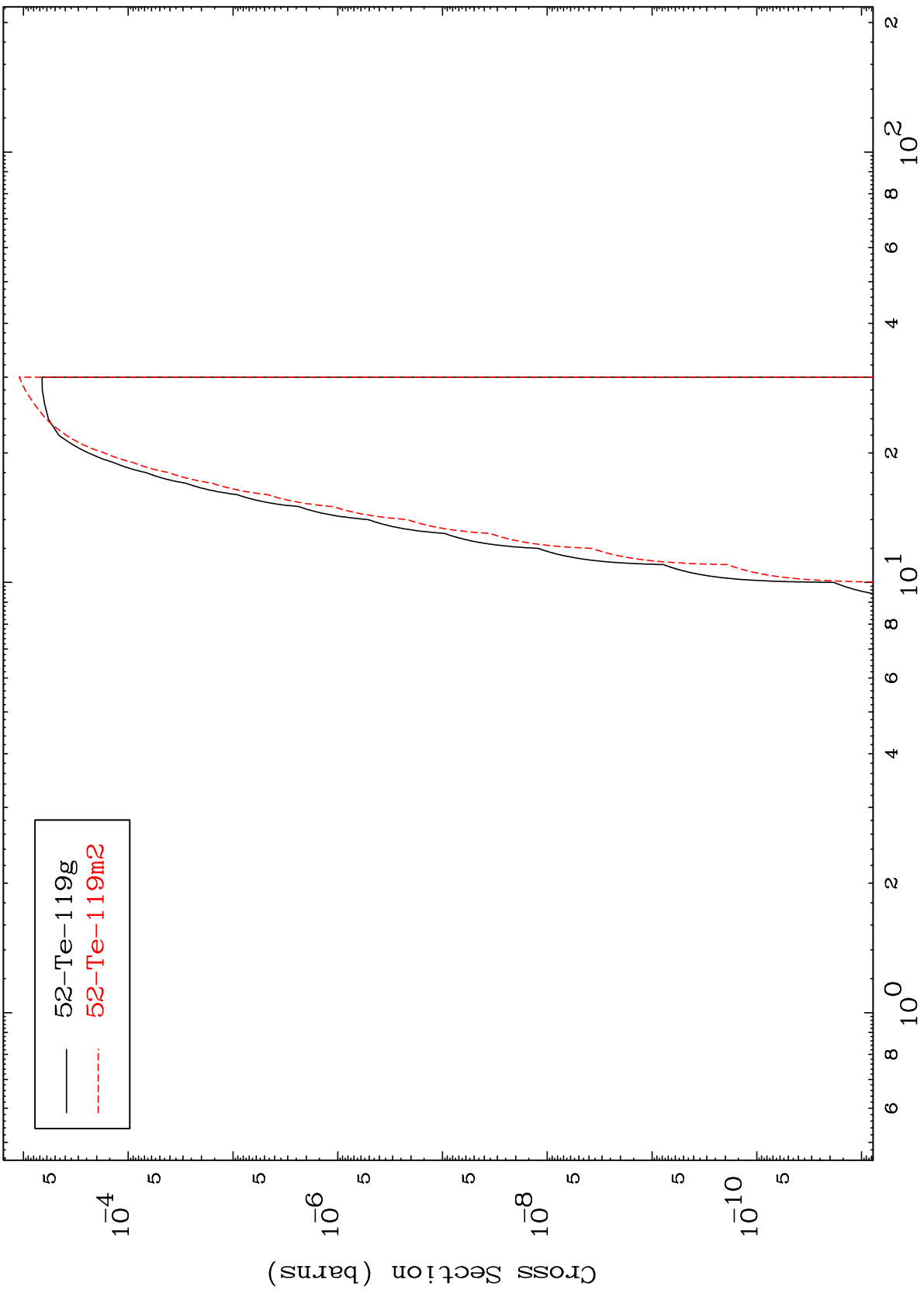


MAT 5422

(n,p) α

54-Xe-123

Radionuclide Production Cross Section



20

Incident Energy (MeV)

54-Xe-123

