

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

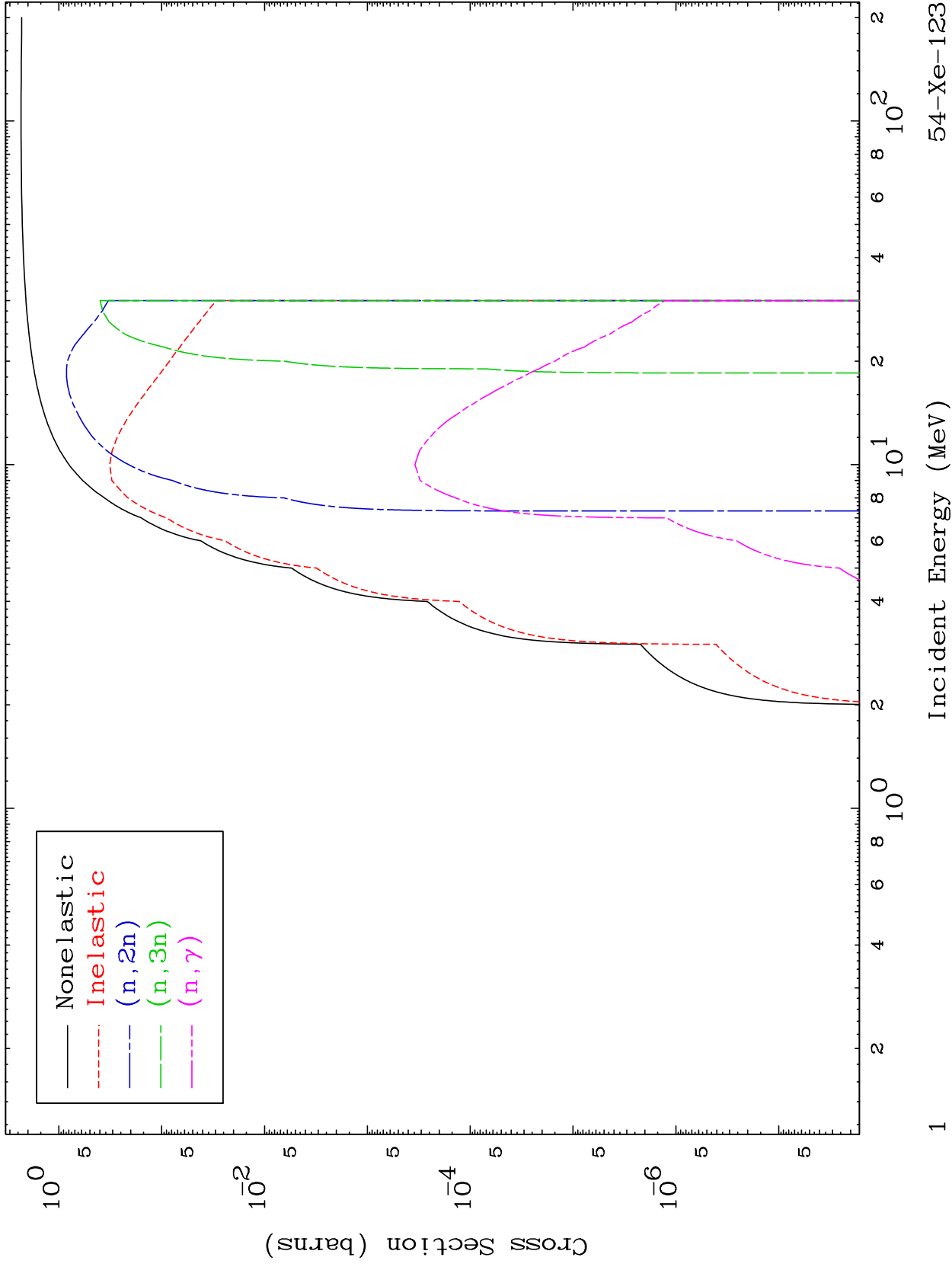
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Web:redcullen1.net/HOMEPAGE.NEW

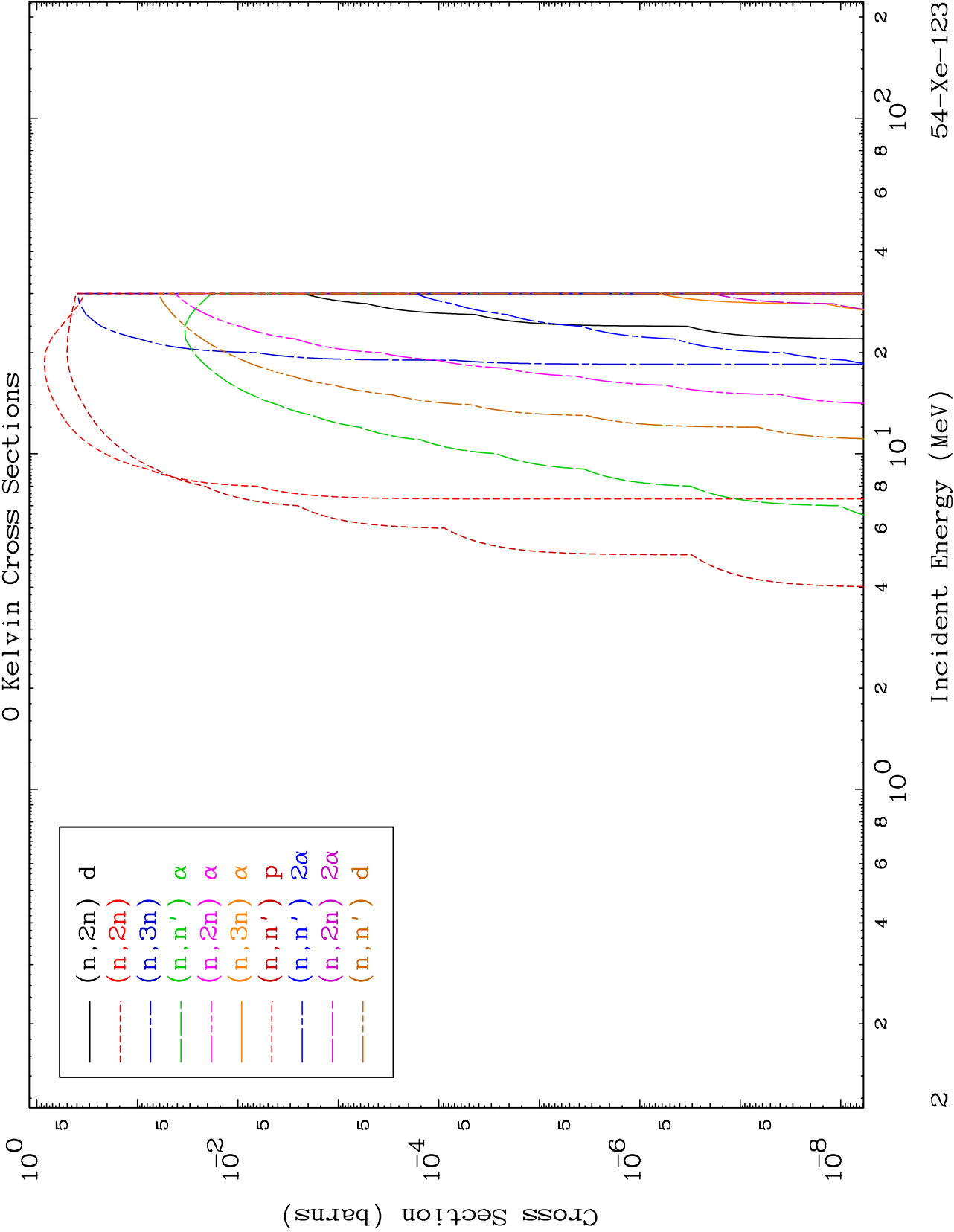
Press Mouse Button to Start



MAT 5422

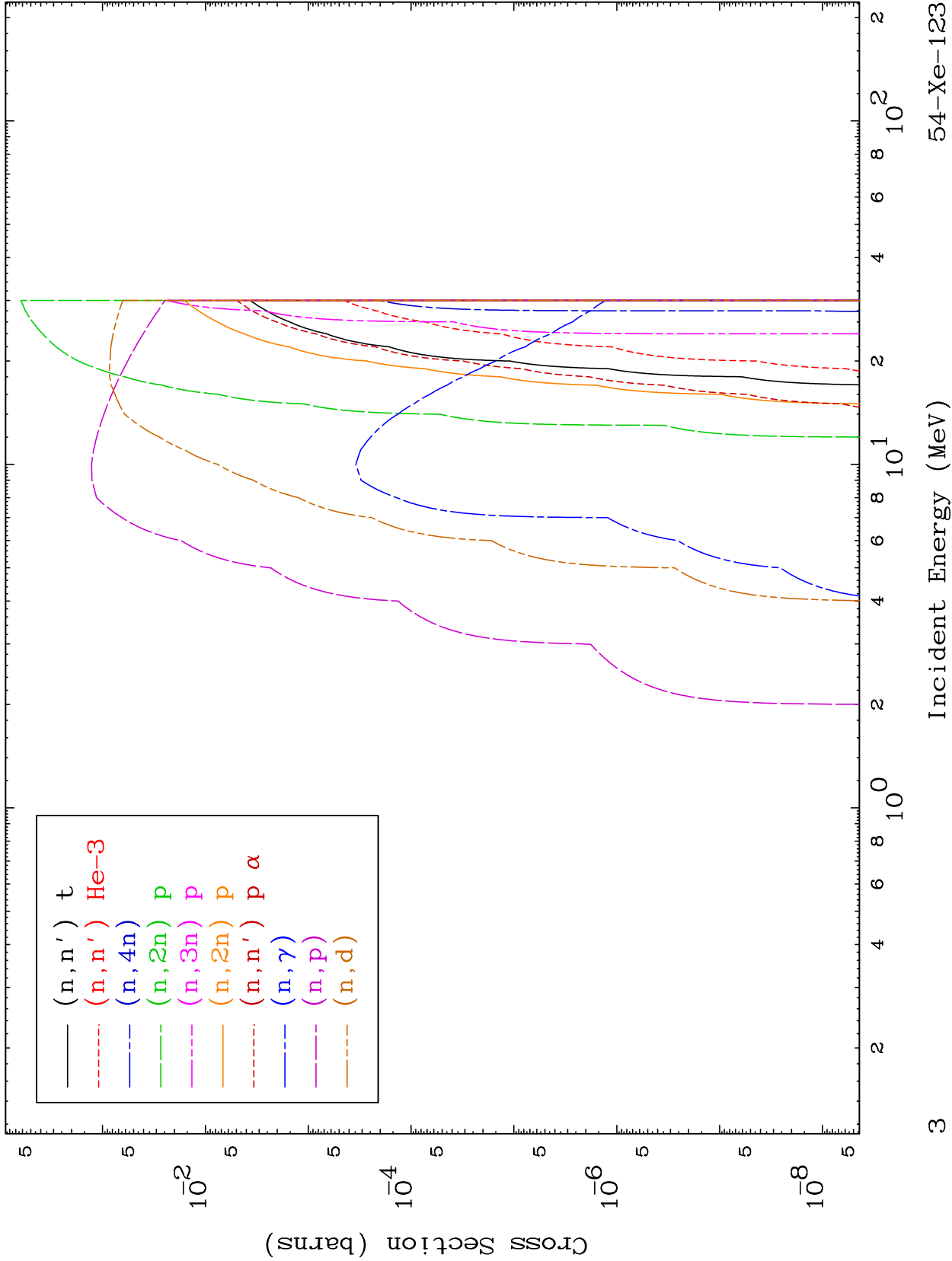
Deuteron Neutron Absorption
0 Kelvin Cross Sections

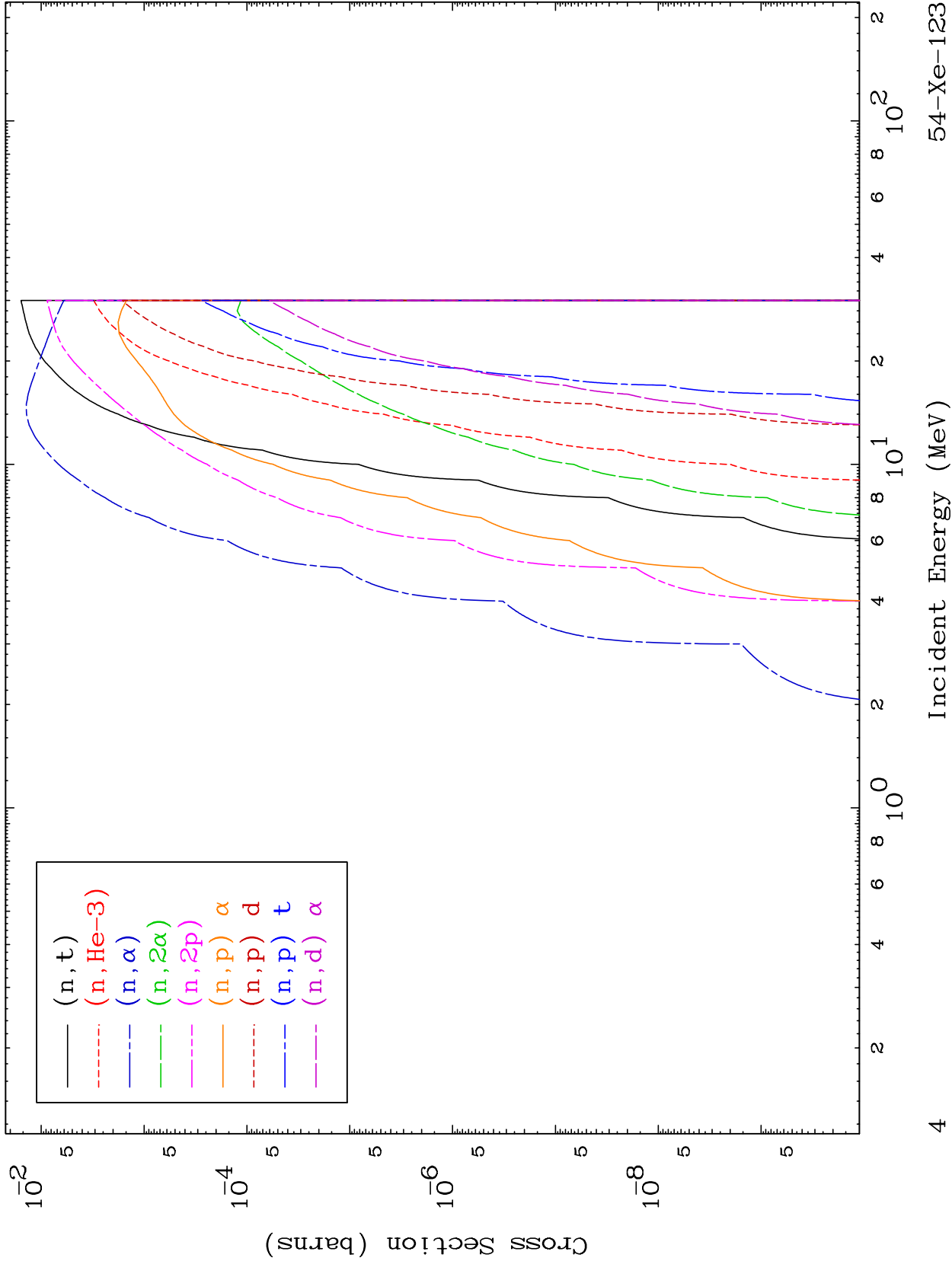
54-Xe-123

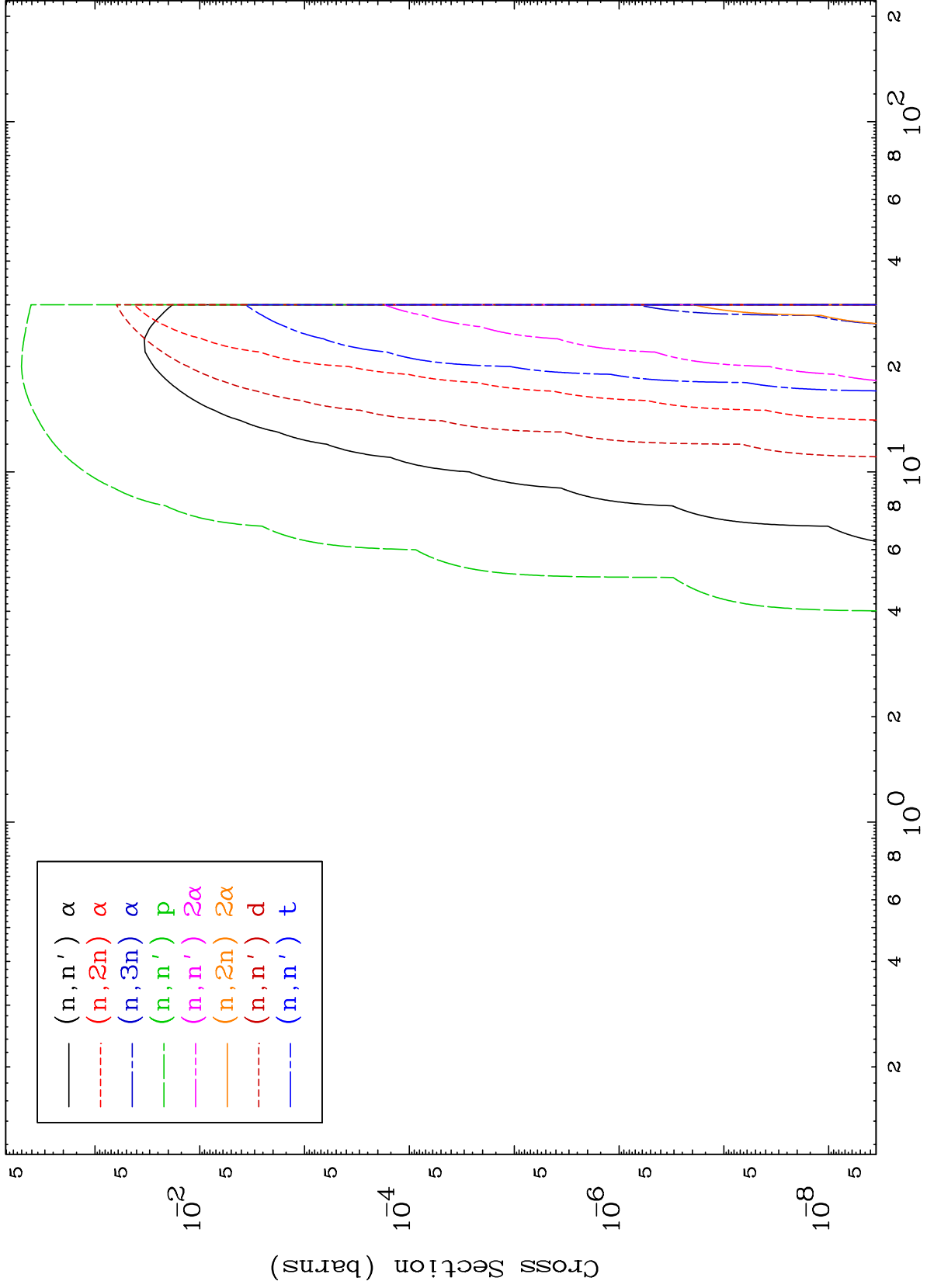


54-Xe-123

Incident Energy (MeV)



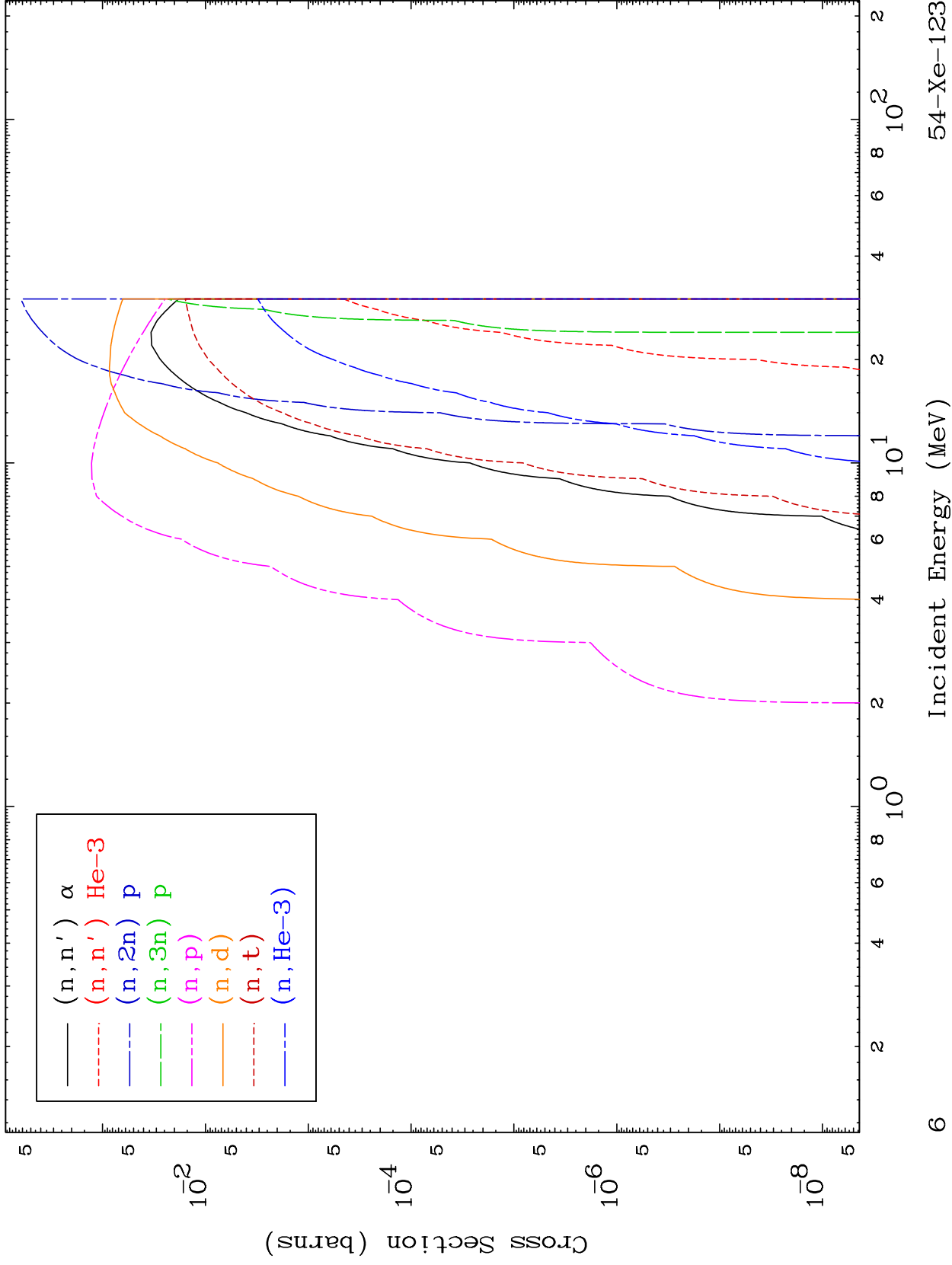


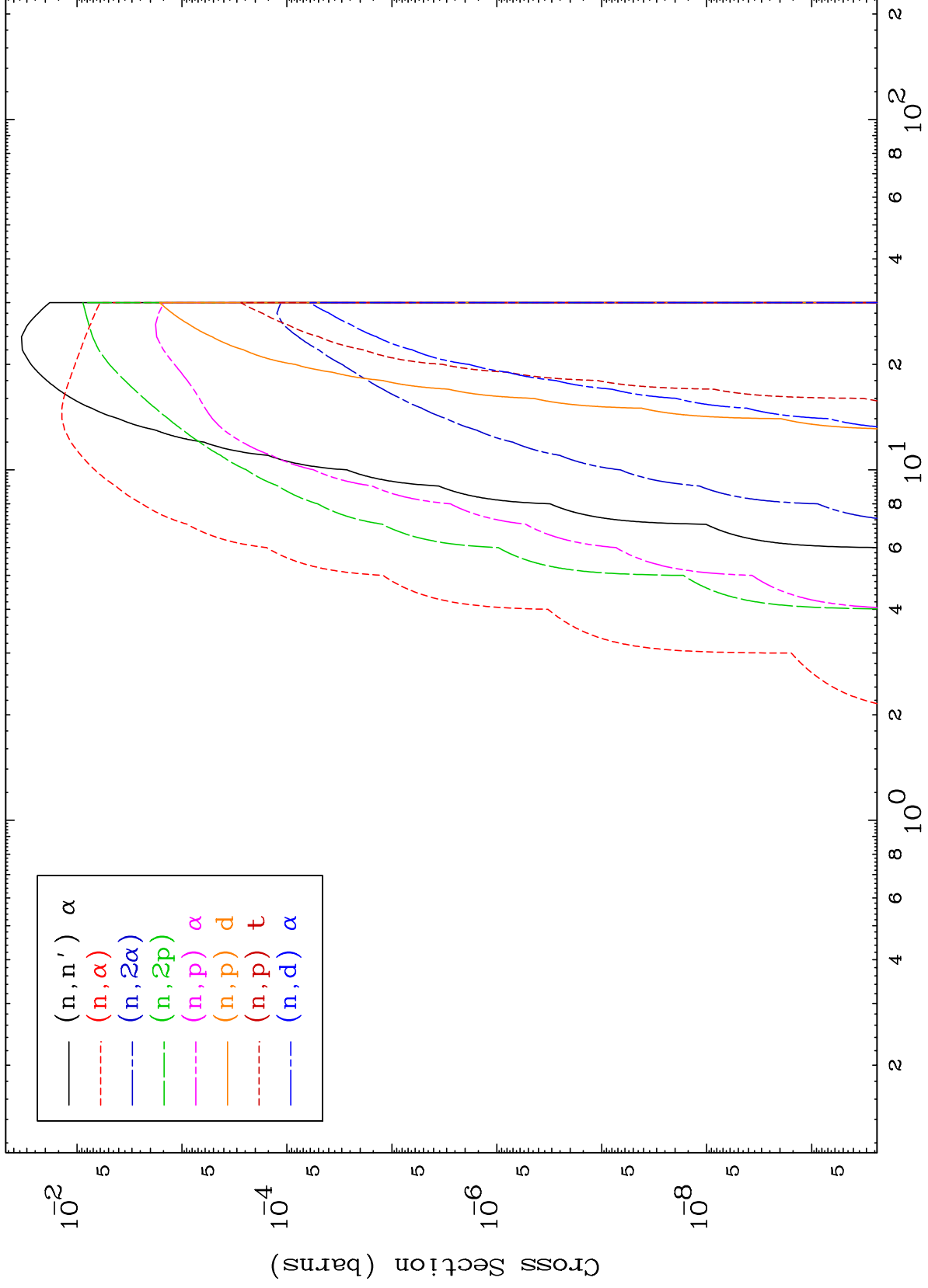


MAT 5422

Deuteron Charged Particle
0 Kelvin Cross Sections

54-Xe-123

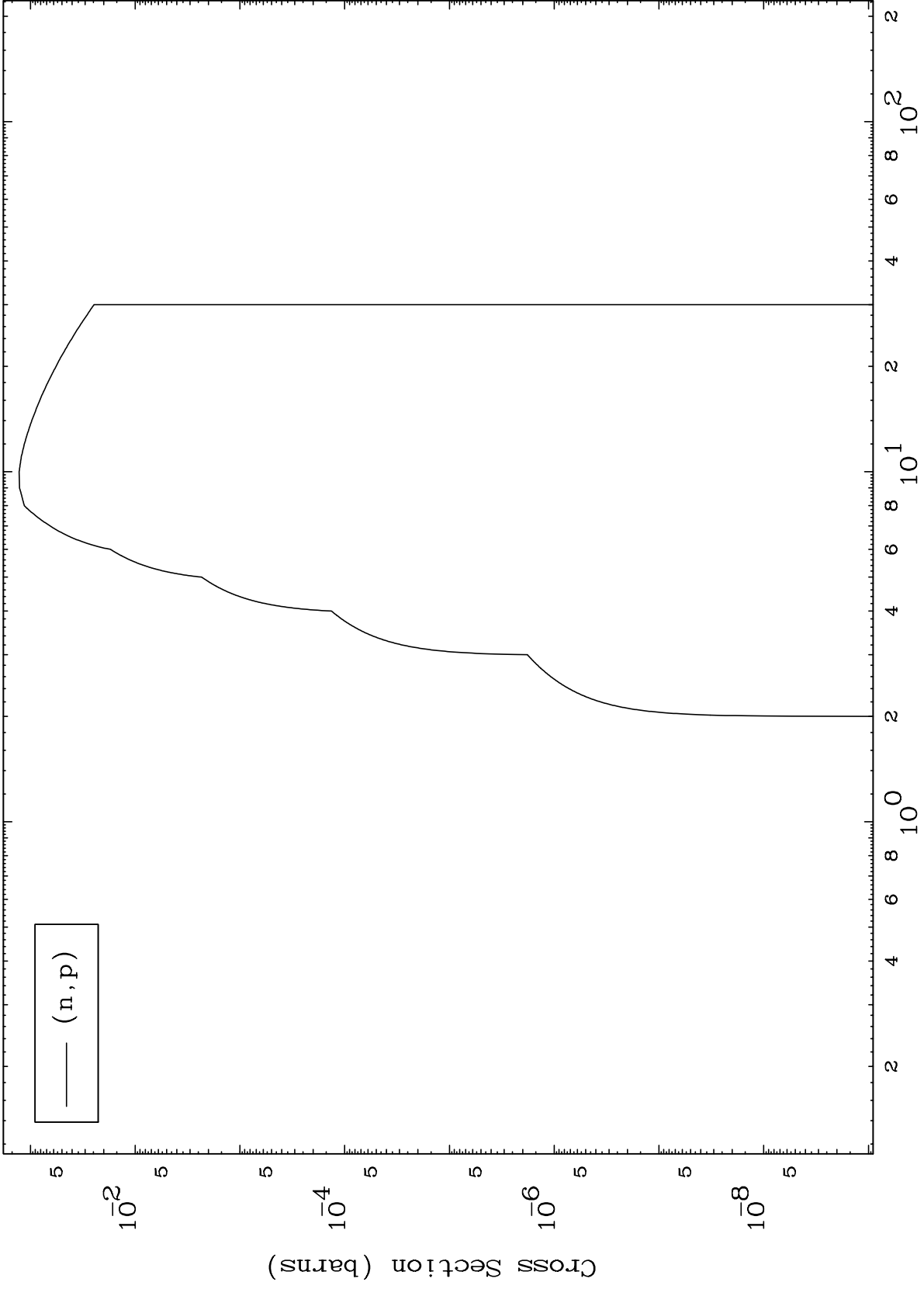




MAT 5422

54-Xe-123

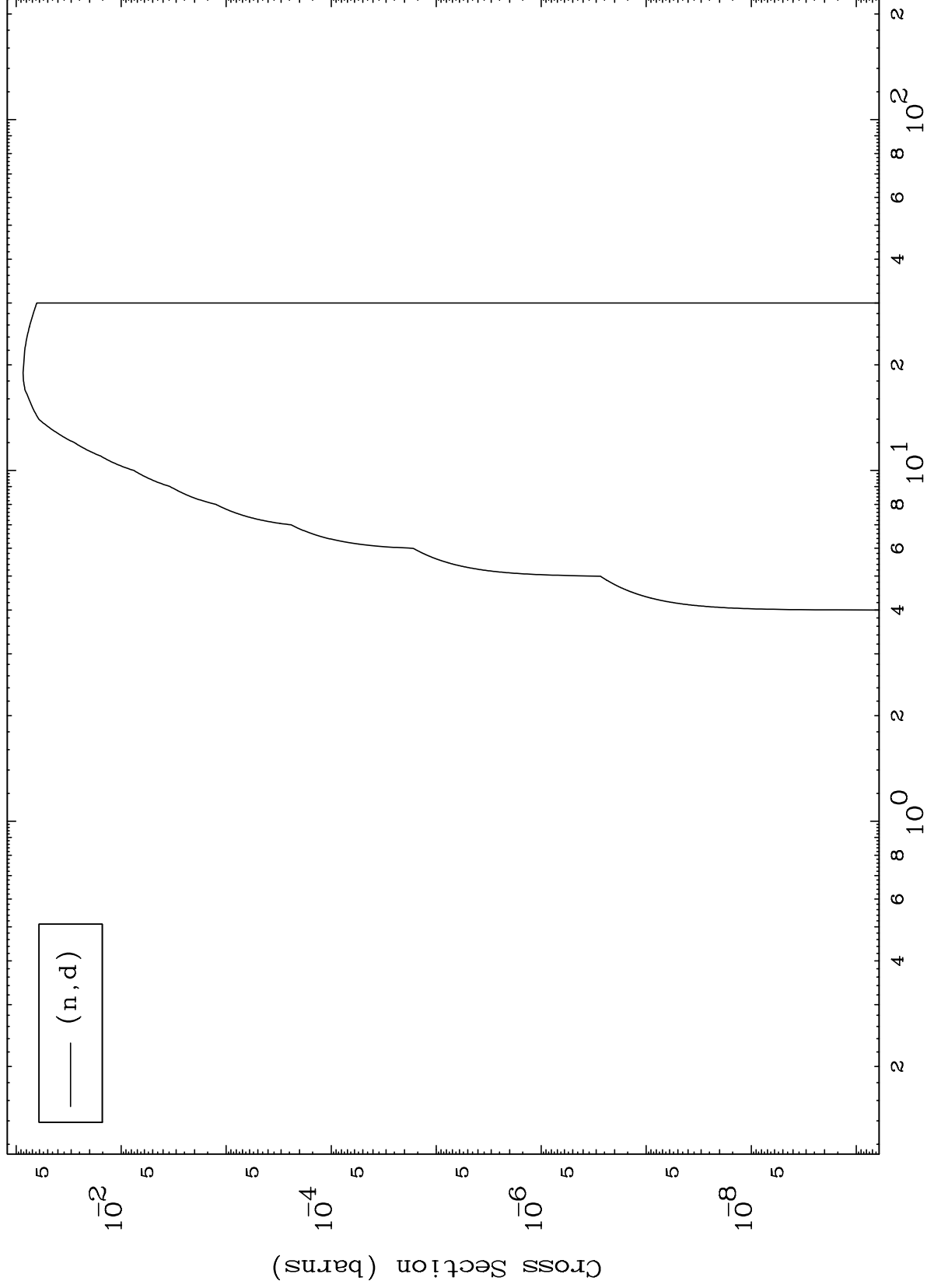
(d,p) Levels
0 Kelvin Cross Sections



MAT 5422

(d,d) Levels
0 Kelvin Cross Sections

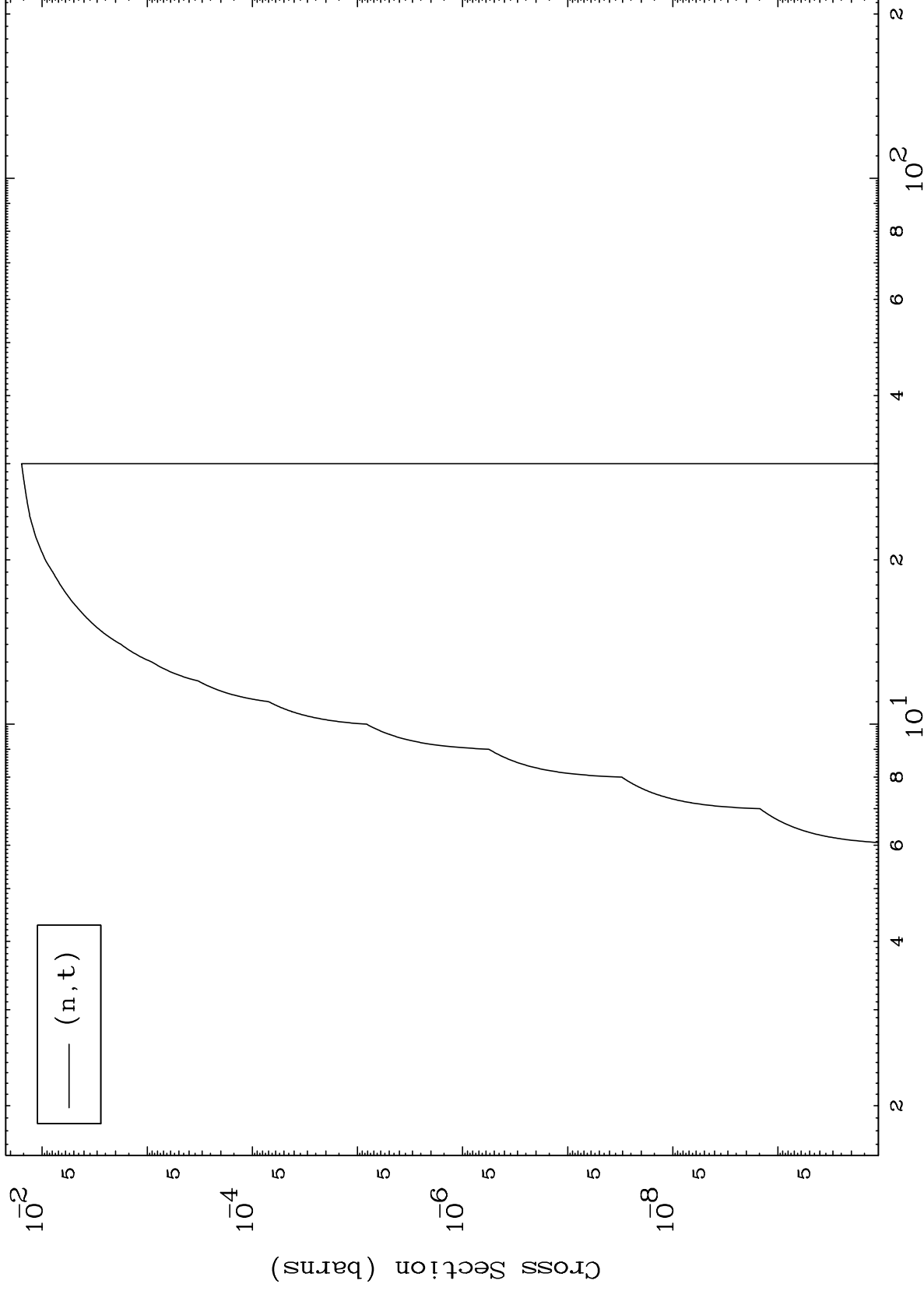
54-Xe-123



MAT 5422

(d,t) Levels
0 Kelvin Cross Sections

54-Xe-123



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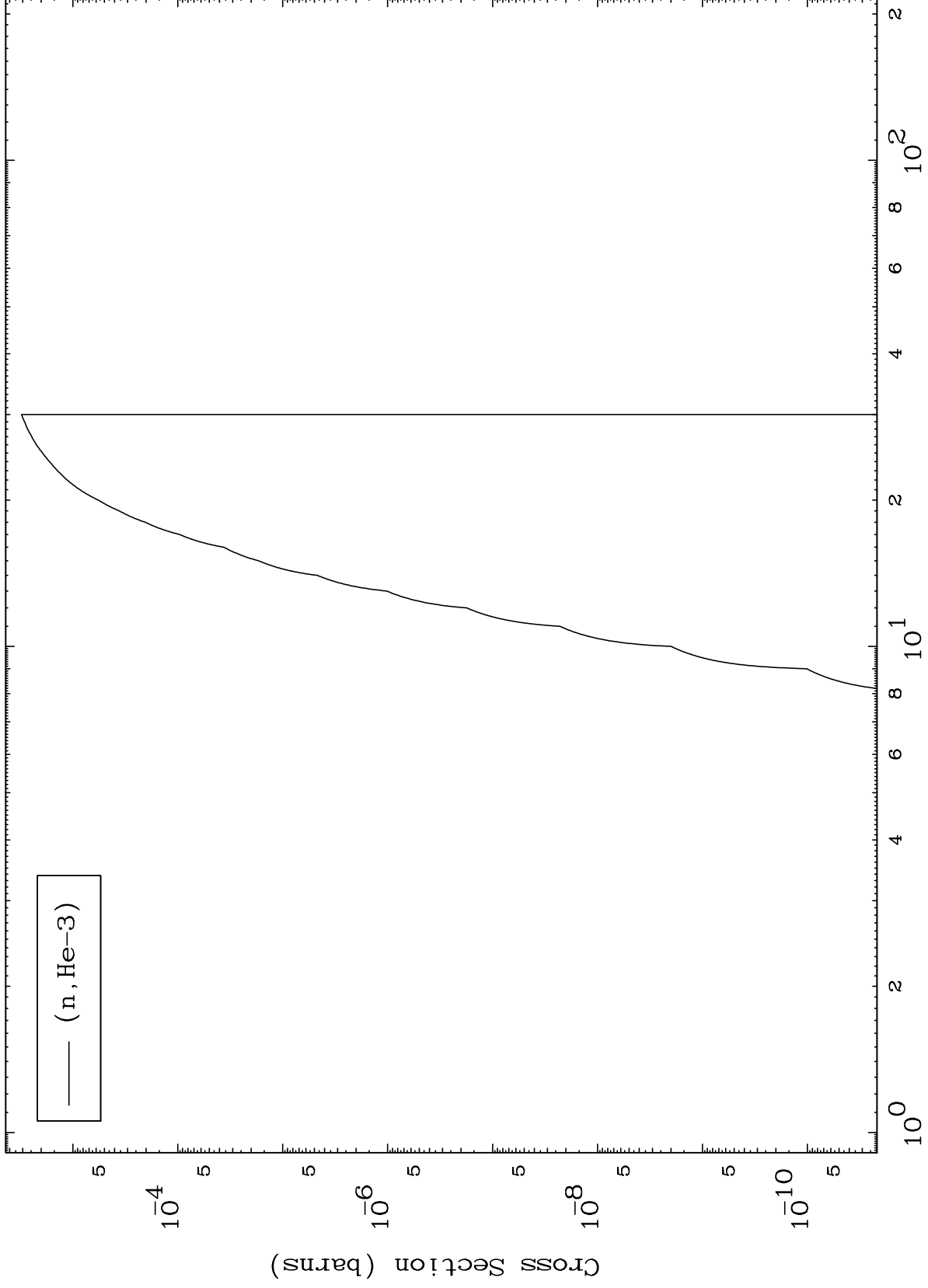
Incident Energy (MeV)

54-Xe-123

MAT 5422

(d,He3) Levels
0 Kelvin Cross Sections

54-Xe-123



11

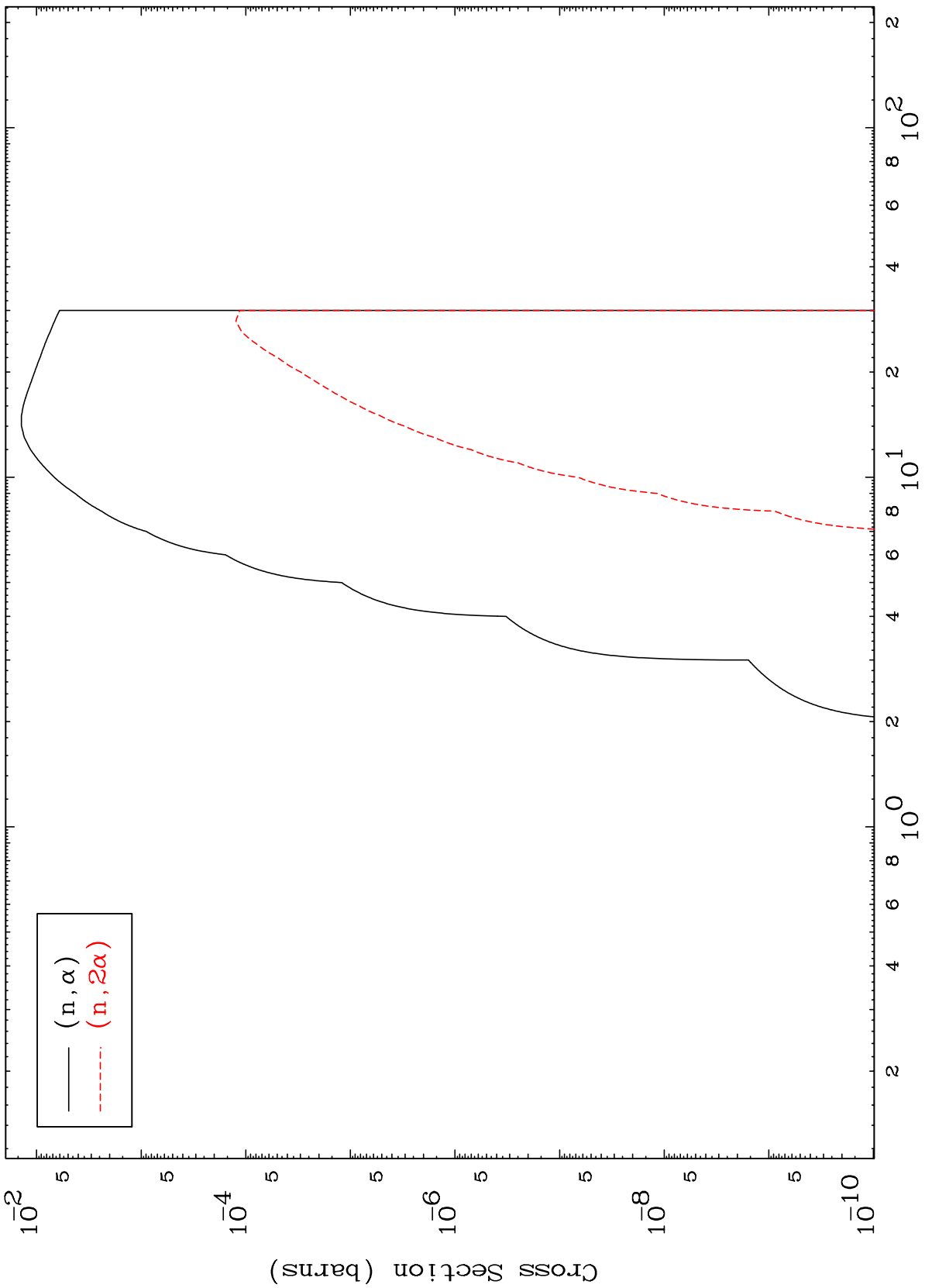
Incident Energy (MeV)

54-Xe-123

MAT 5422

54-Xe-123

(d, α) Levels
0 Kelvin Cross Sections



54-Xe-123

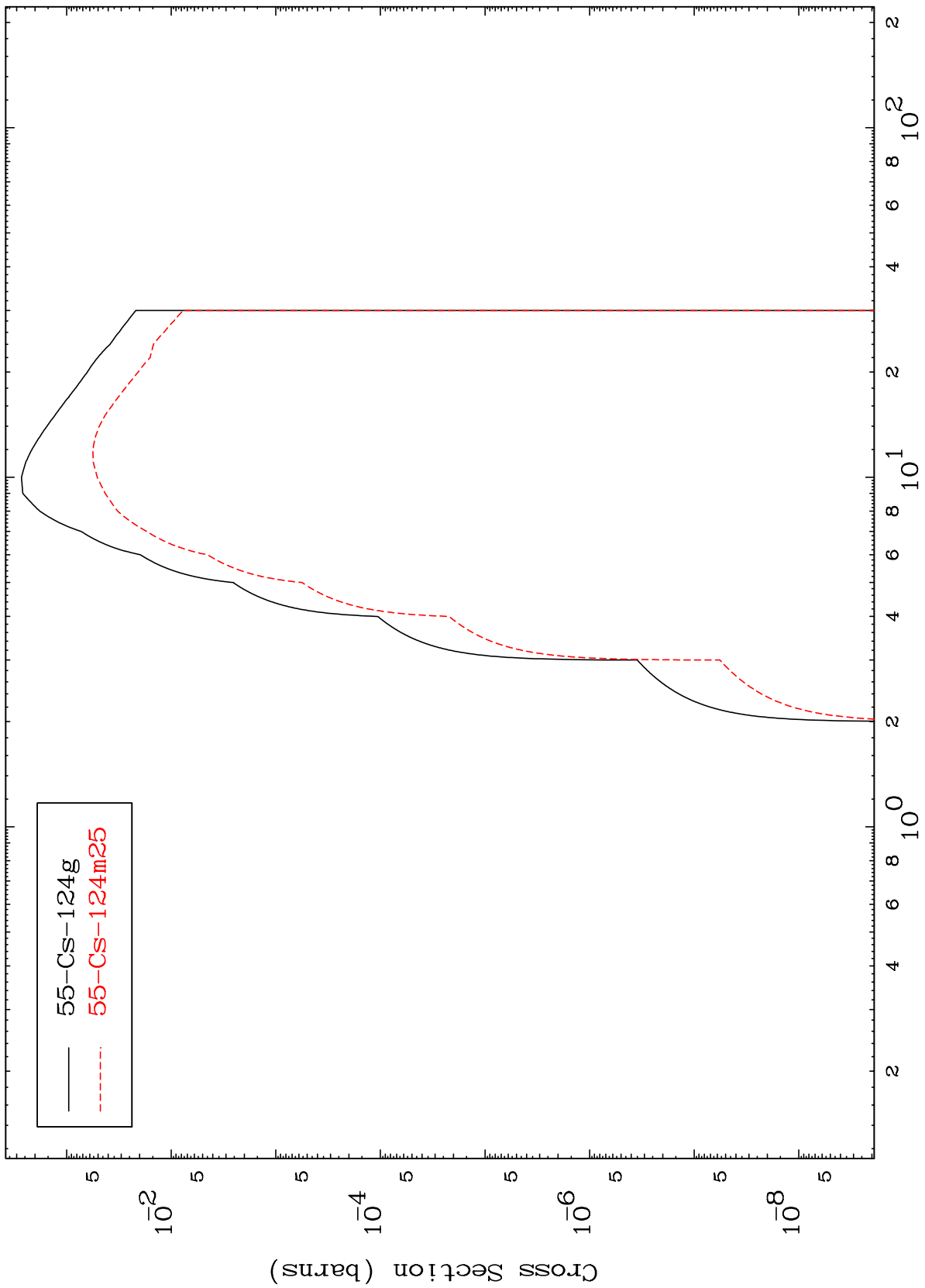
Incident Energy (MeV)

12

MAT 5422

54-Xe-123

Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m25

54-Xe-123

Incident Energy (MeV)

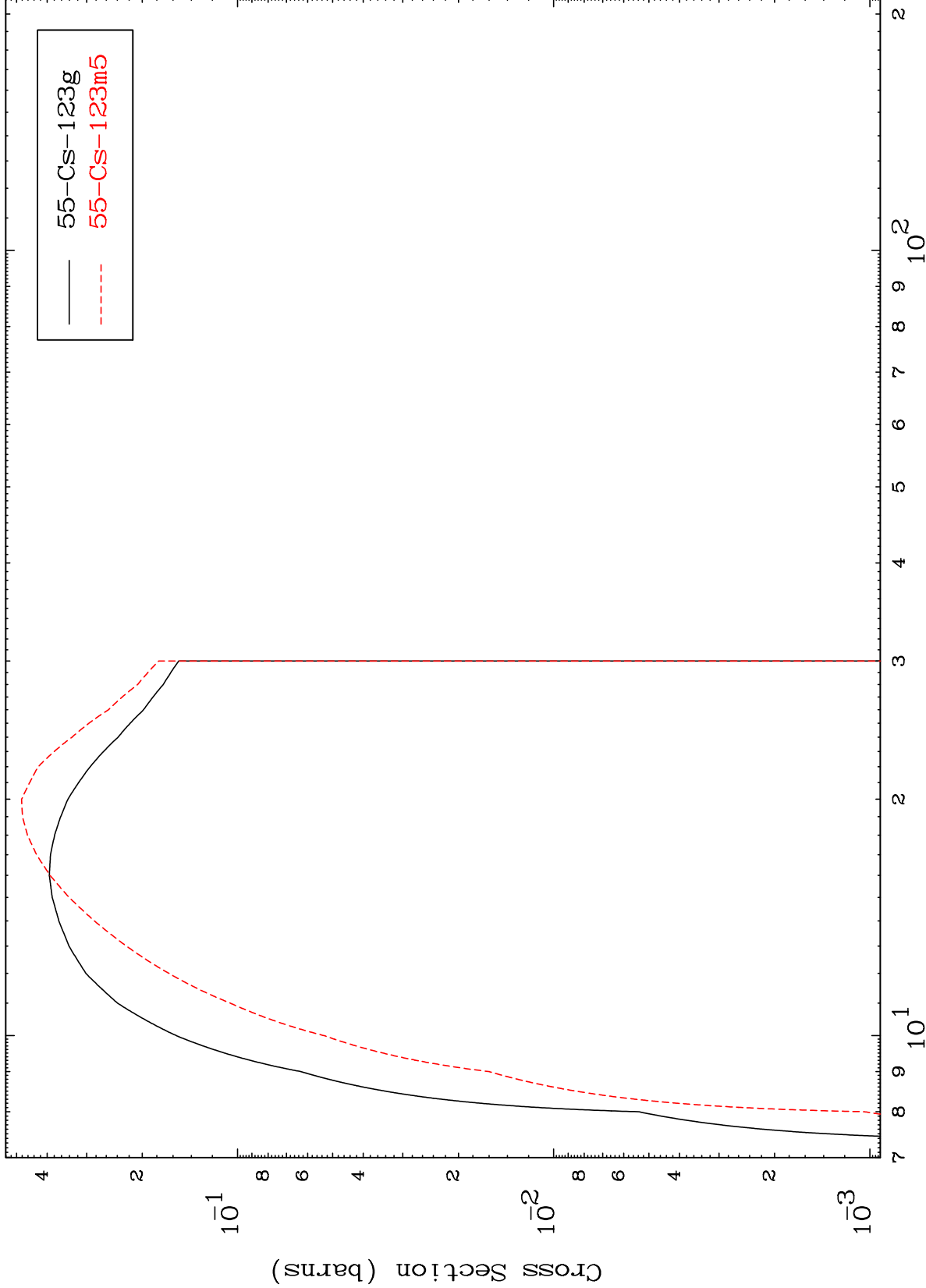
13

MAT 5422

(n,2n)

54-Xe-123

Radionuclide Production Cross Section

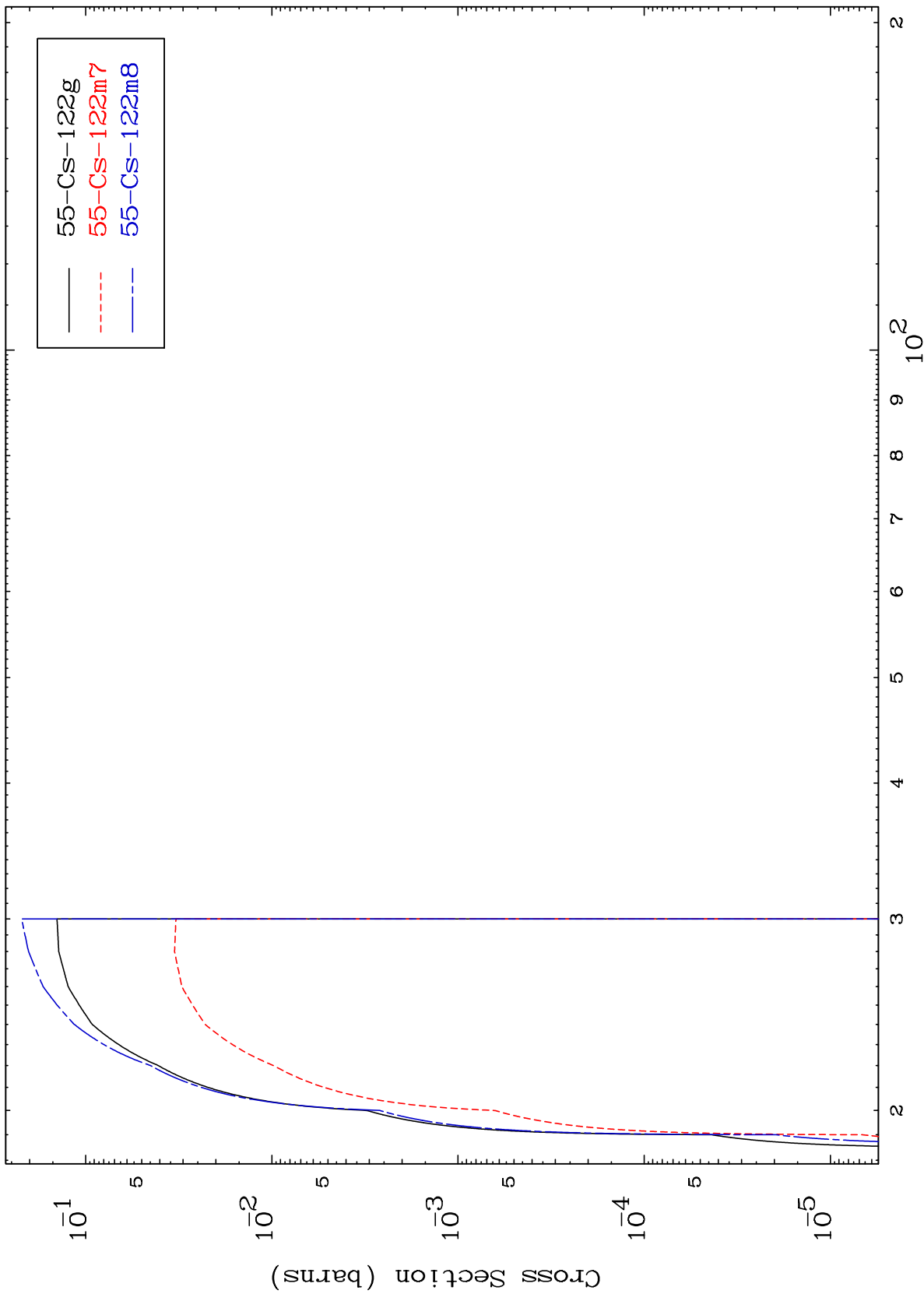


14

Incident Energy (MeV)

54-Xe-123

(n,3n)
Radionuclide Production Cross Section

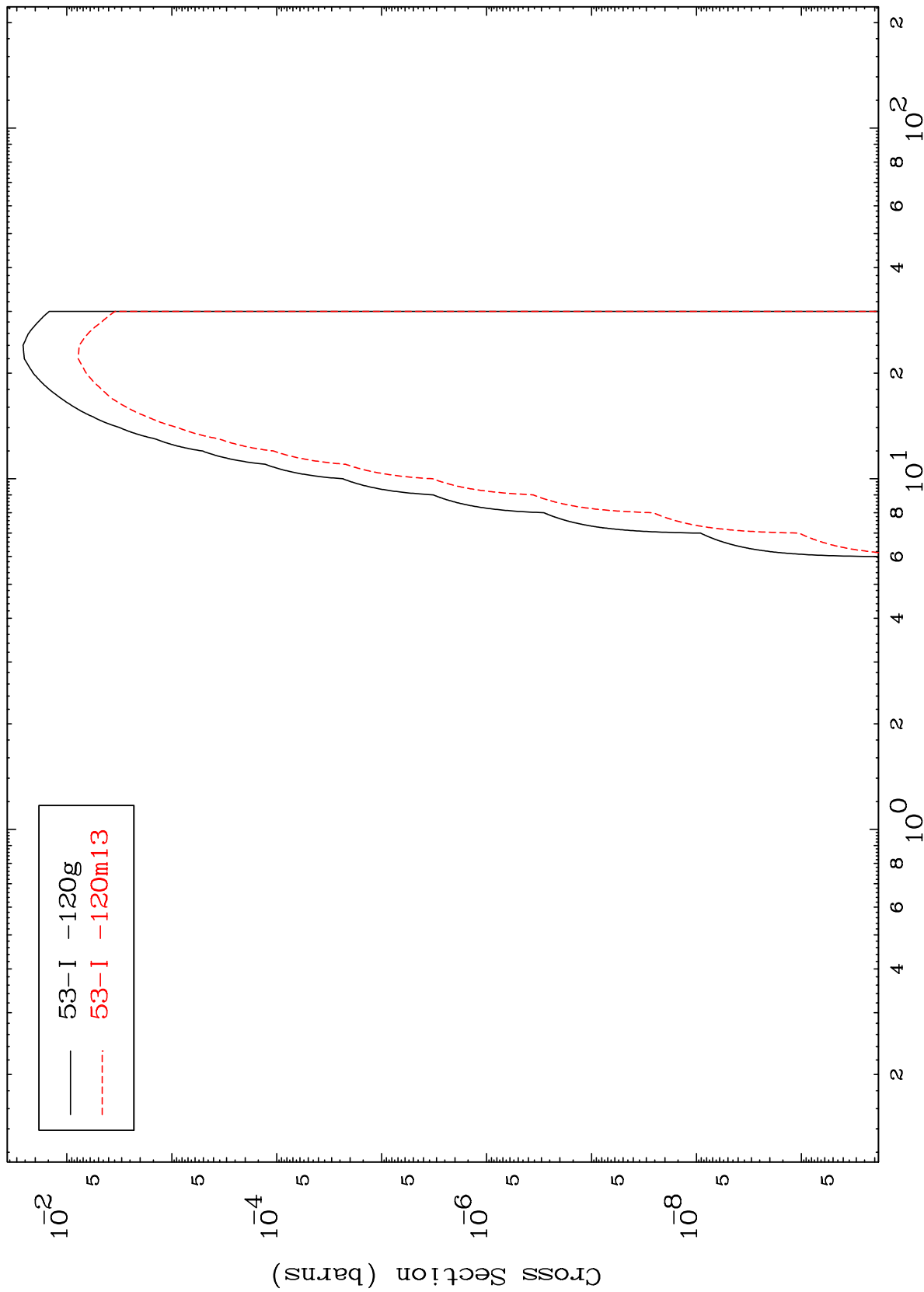


MAT 5422

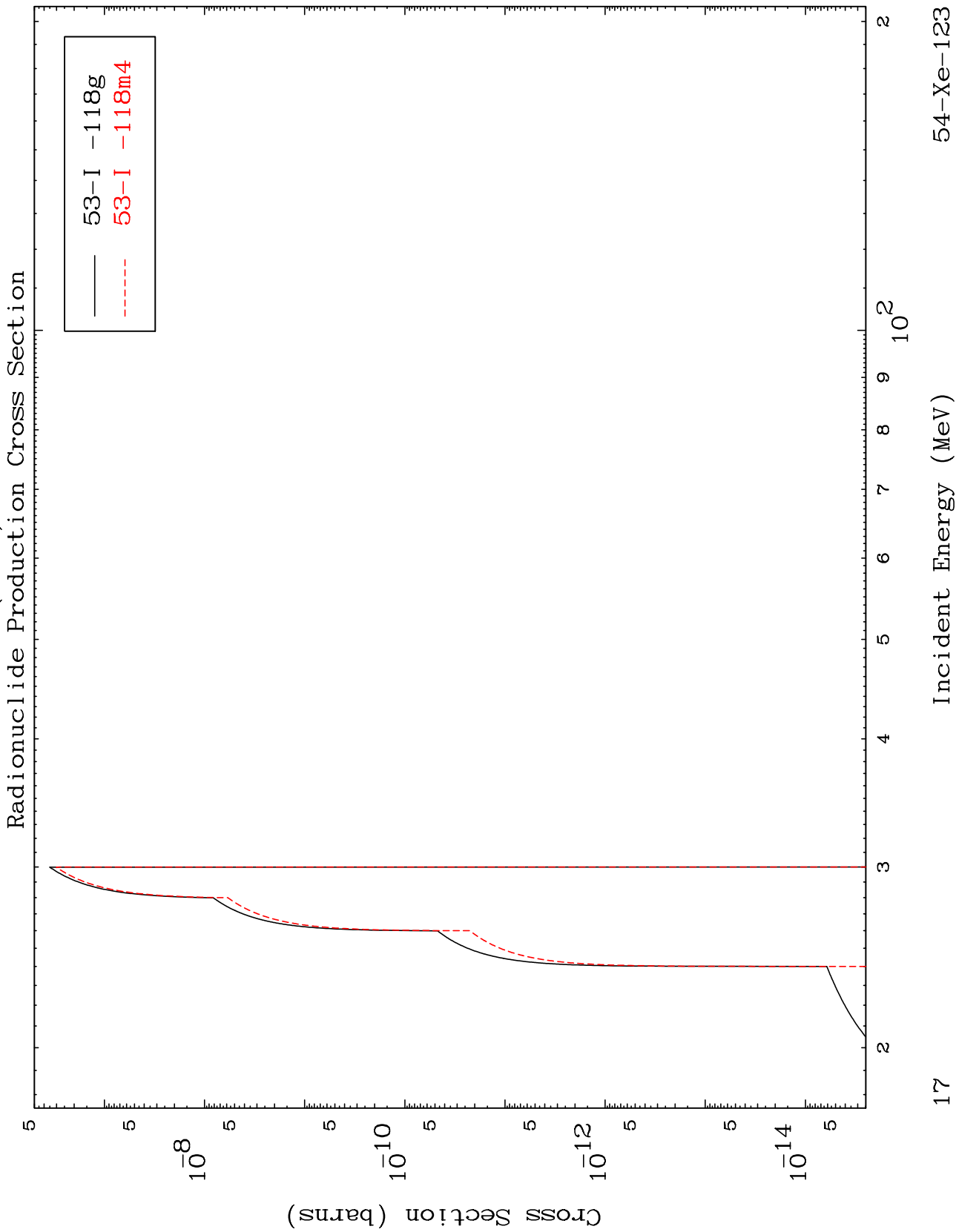
$(n, n') \alpha$

54-Xe-123

Radionuclide Production Cross Section



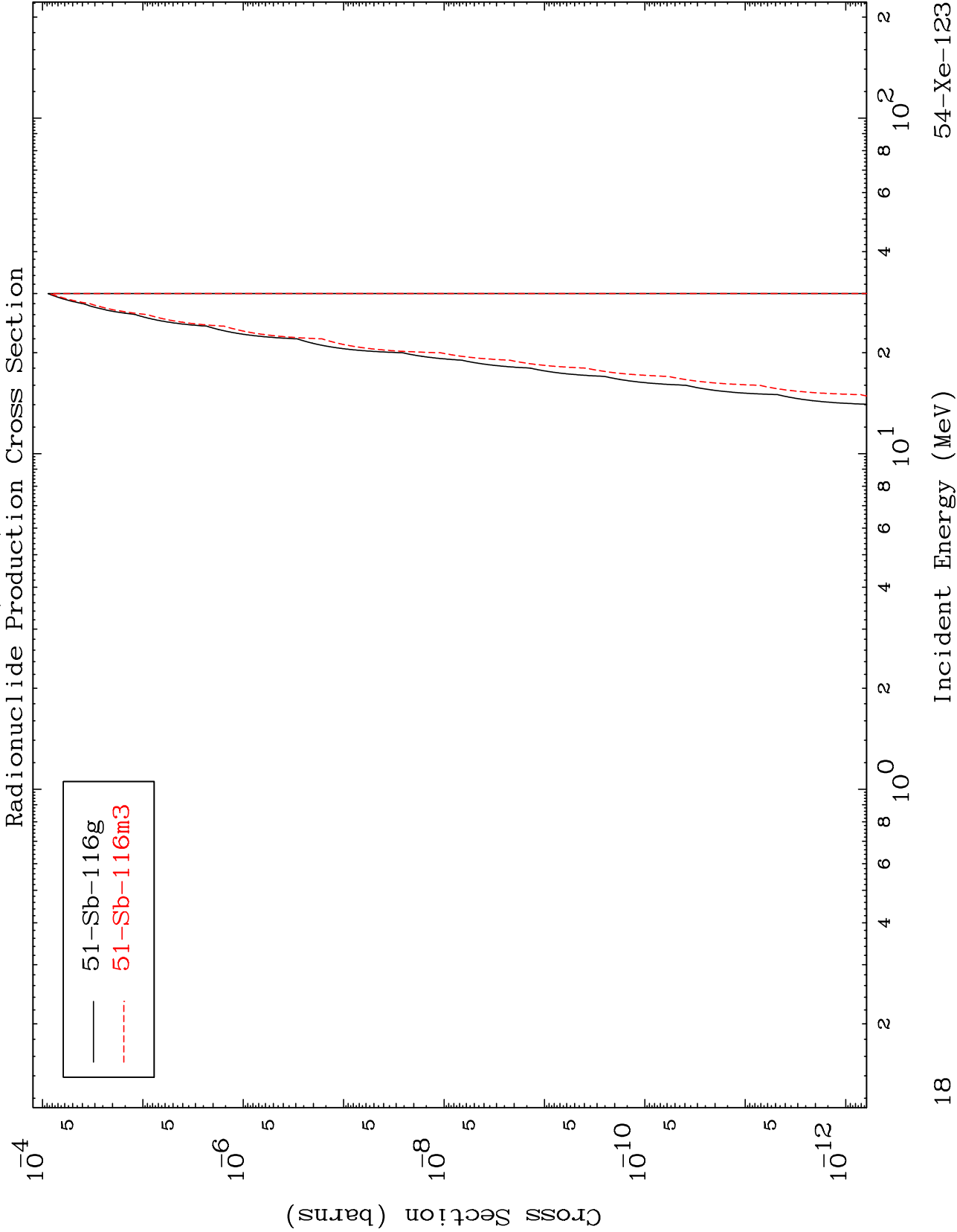
53-I -120g
53-I -120m13



MAT 5422

(n,n') 2α

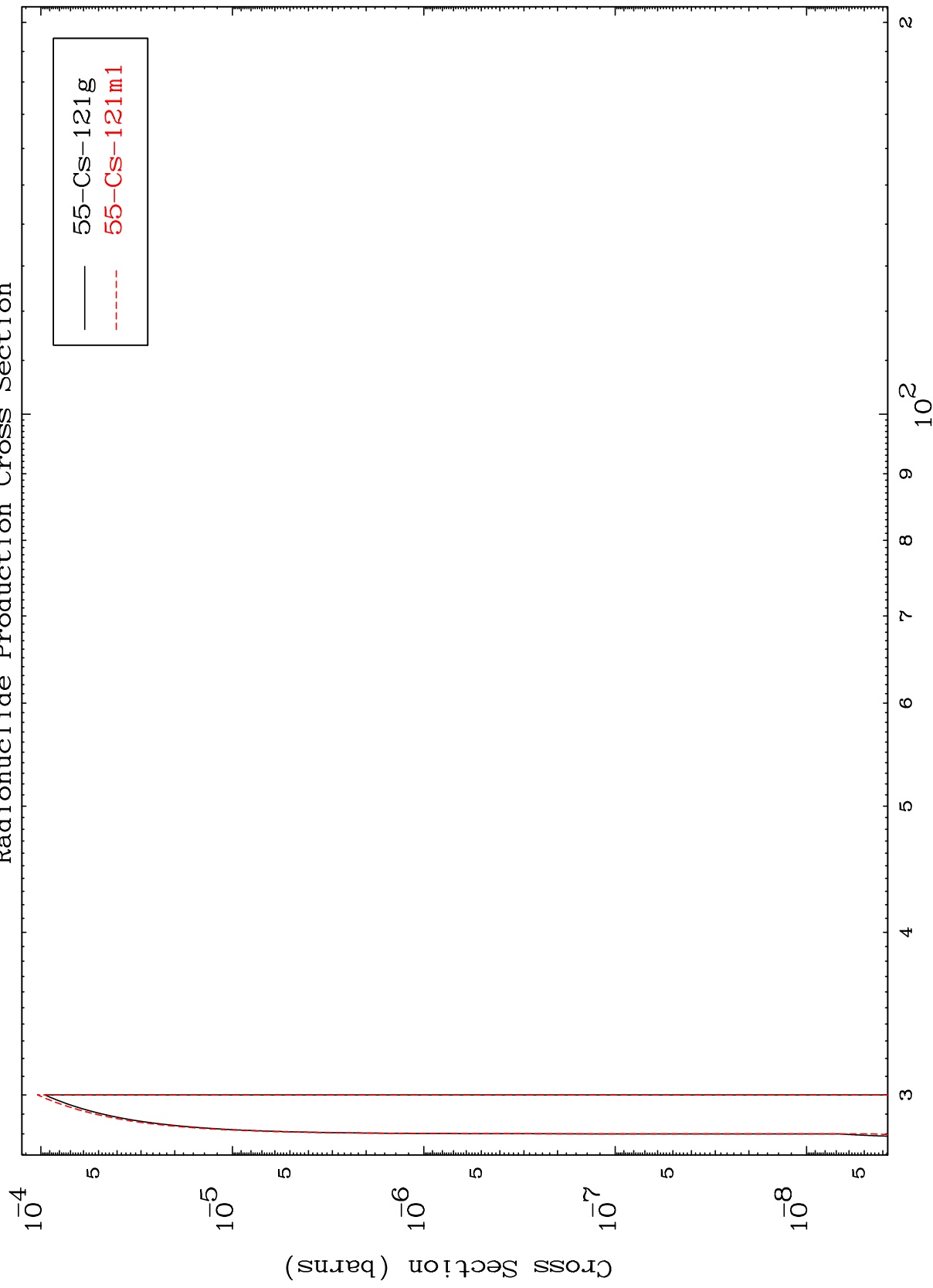
54-Xe-123



MAT 5422

54-Xe-123

(n,4n)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

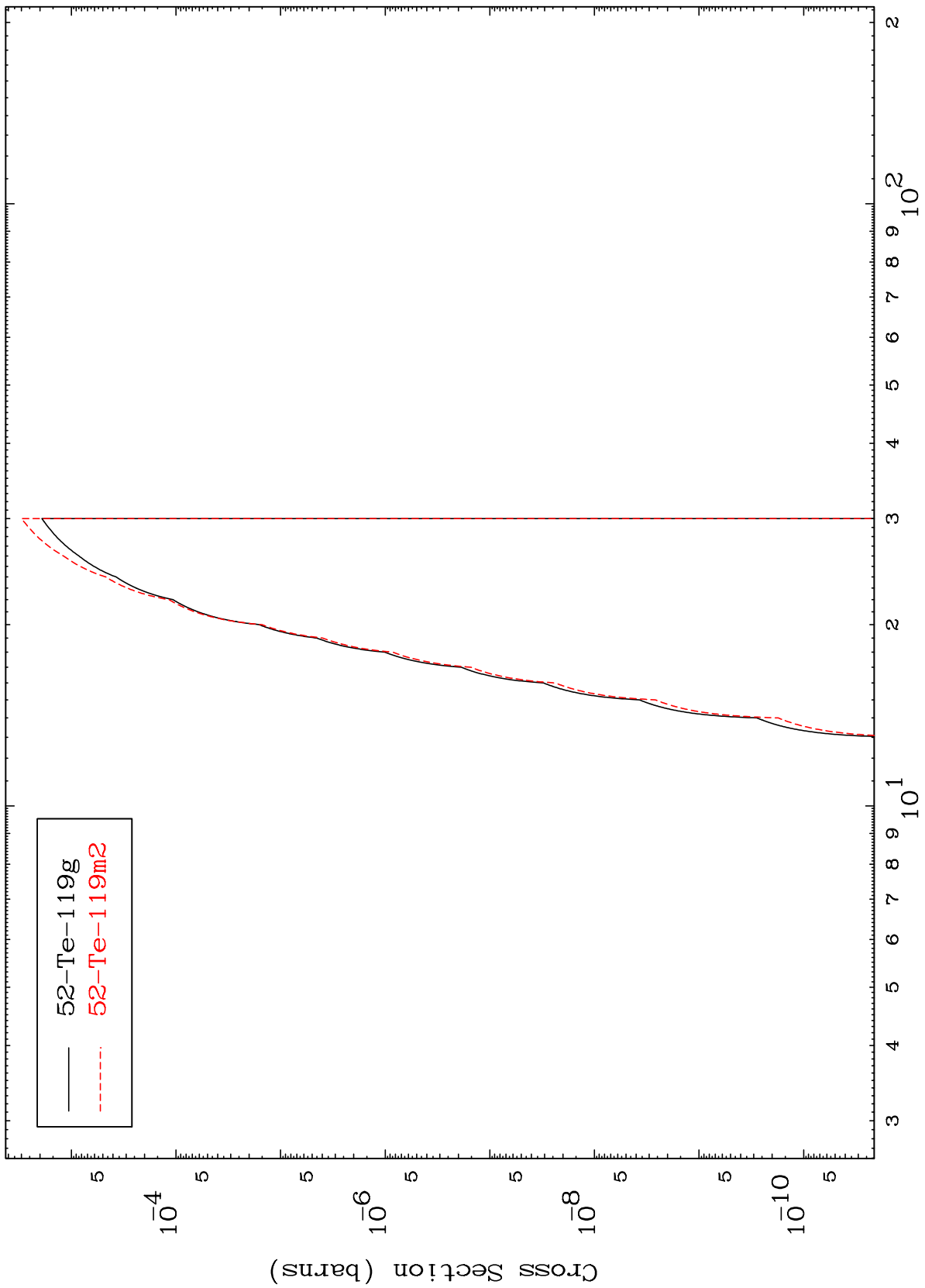
54-Xe-123

MAT 5422

(n,n') p α

54-Xe-123

Radionuclide Production Cross Section



20

Incident Energy (MeV)

54-Xe-123

MAT 5422

(n,d) α

54-Xe-123

