

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

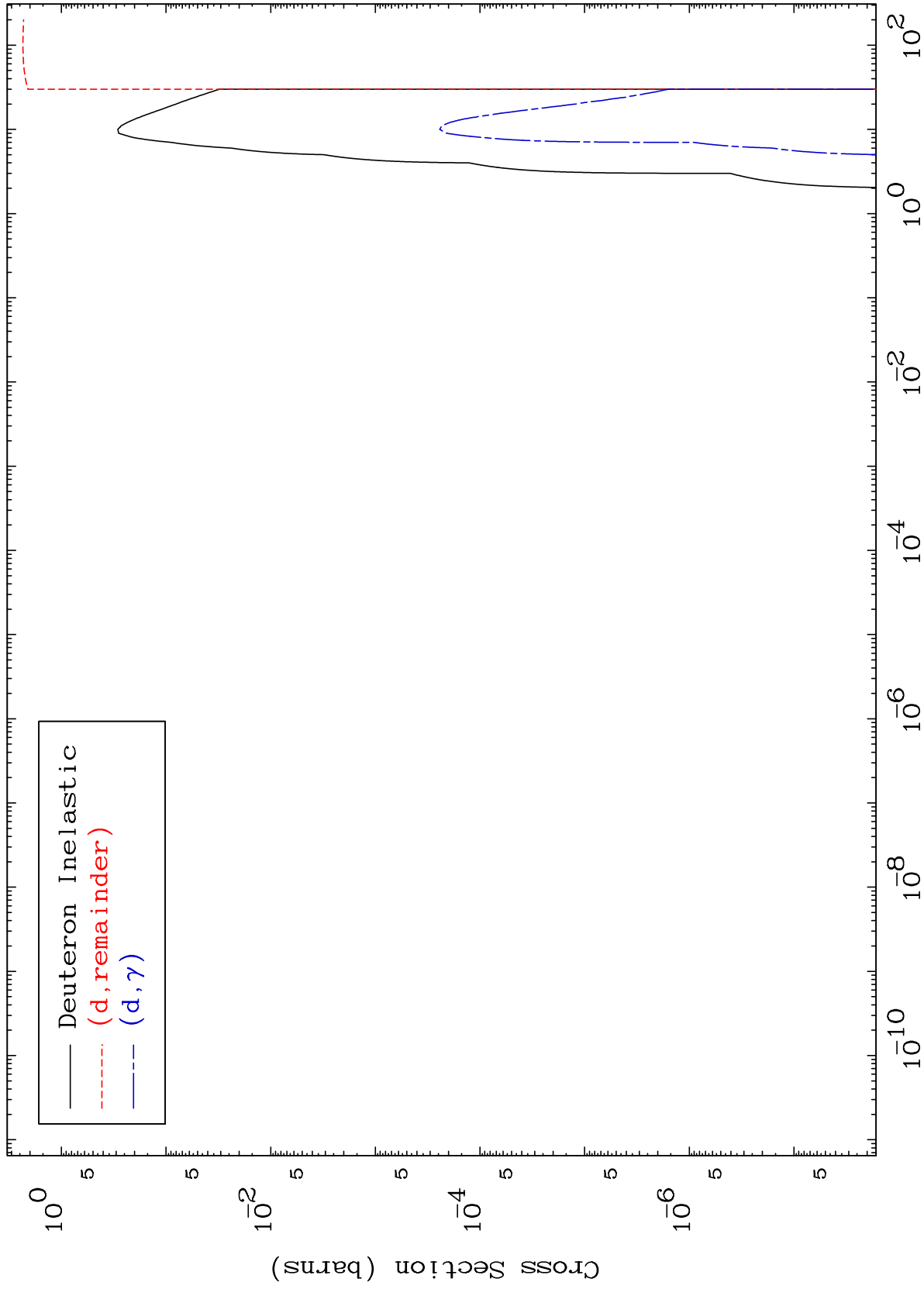
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Web:redcullen1.net/HOMEPAGE.NEW

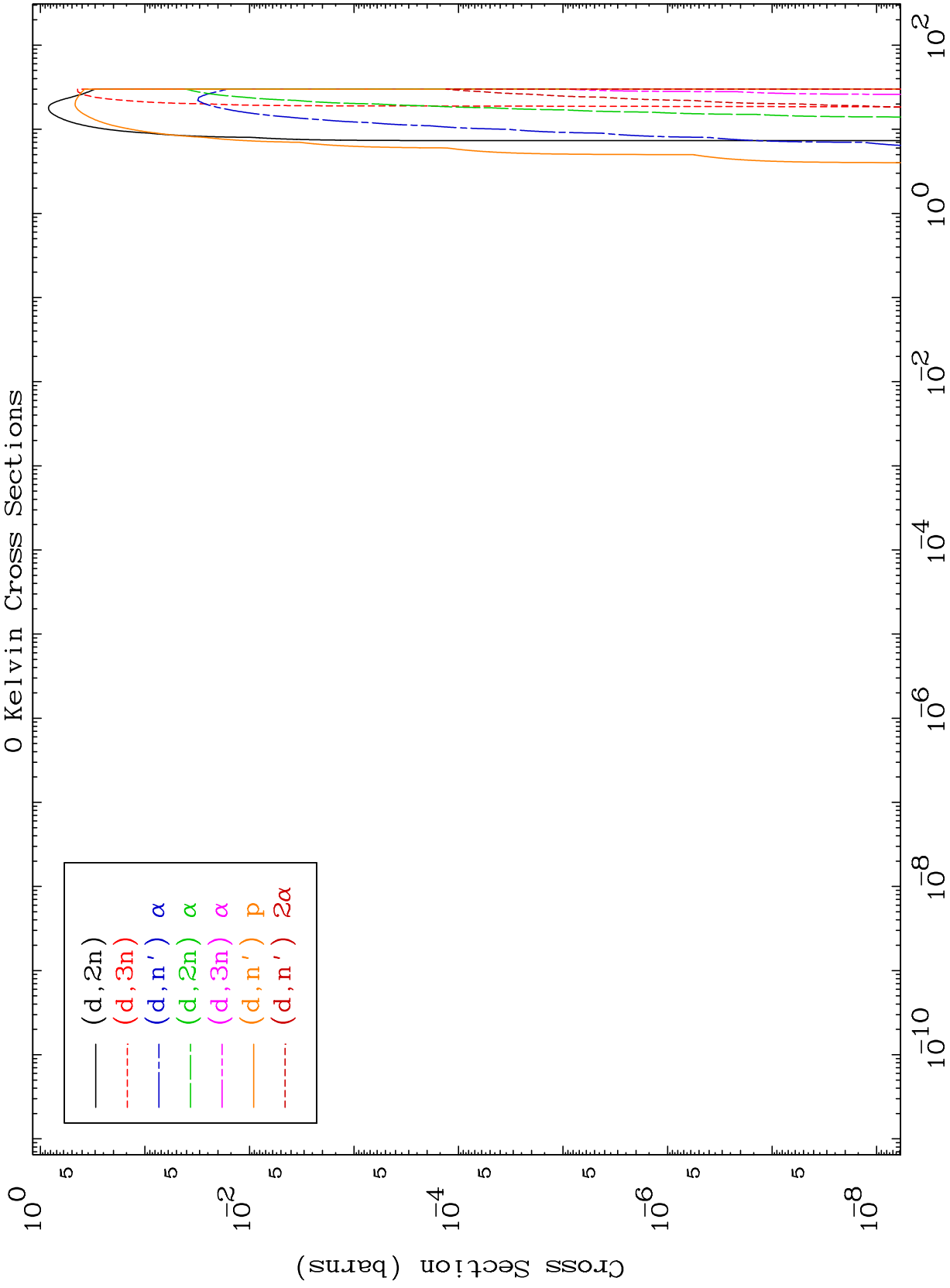
Press Mouse Button to Start



MAT 5422

Deuteron Neutron Production
0 Kelvin Cross Sections

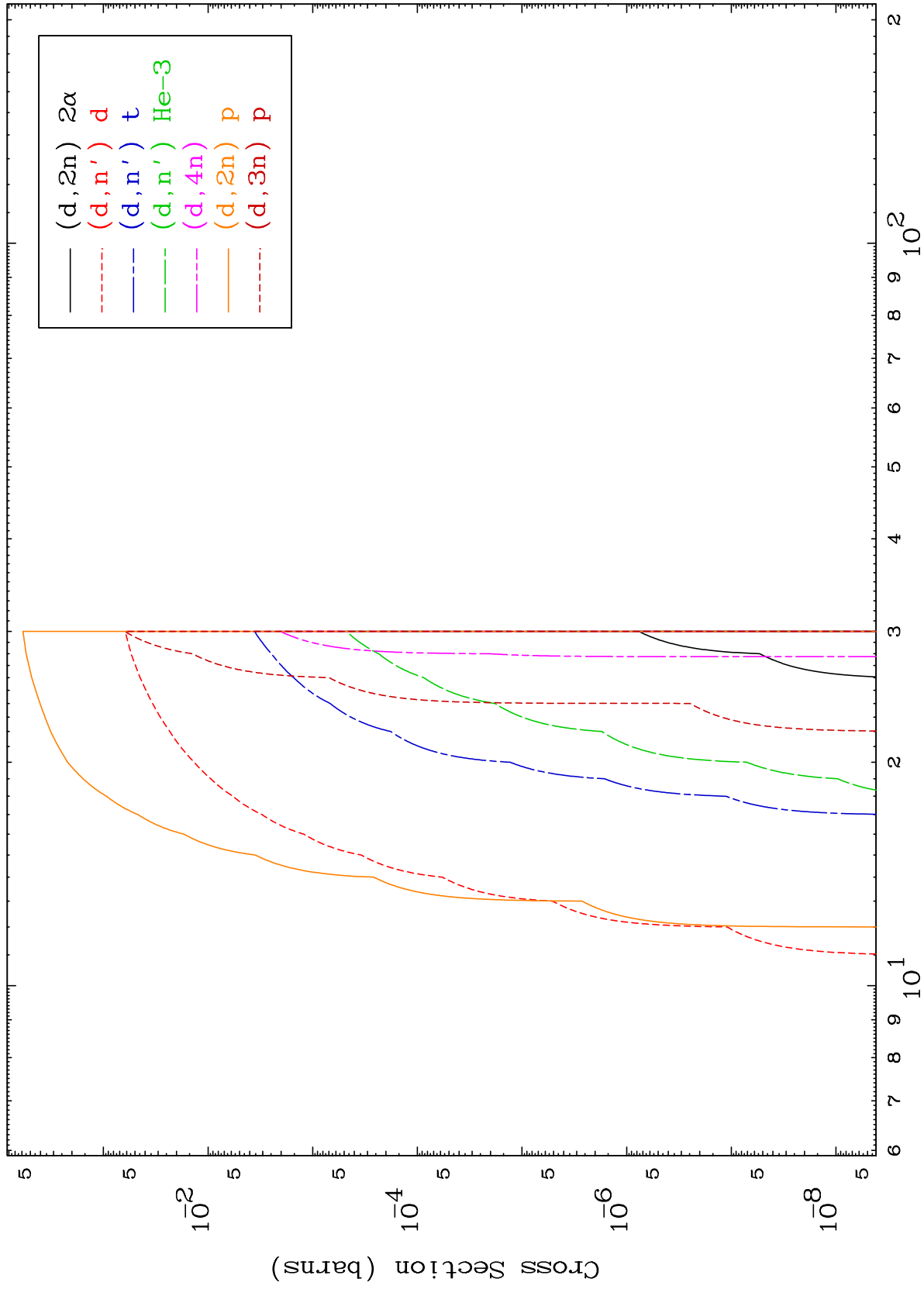
54-Xe-123



2

Incident Energy (MeV)

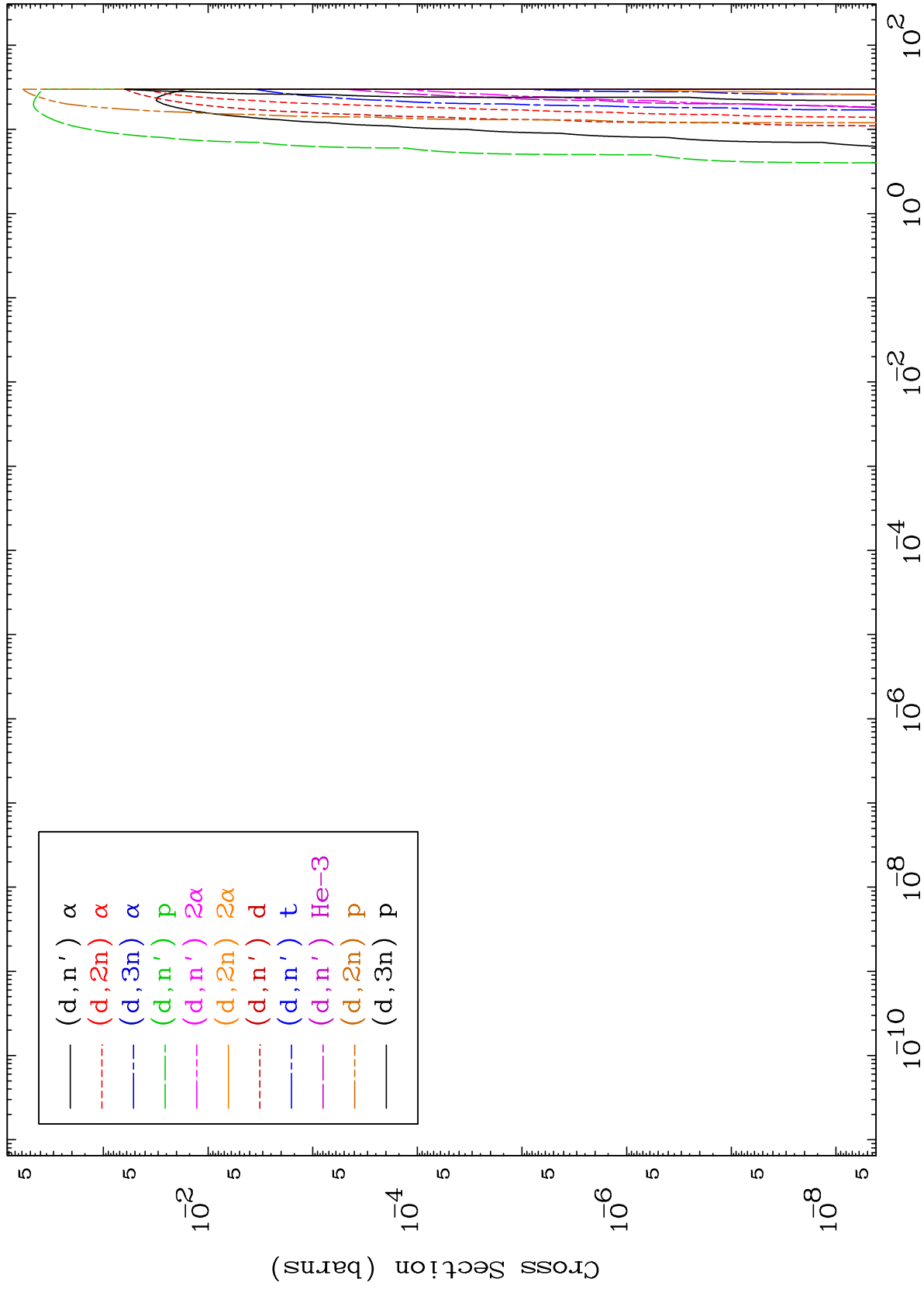
54-Xe-123



MAT 5422

Deuteron Charged Particle
0 Kelvin Cross Sections

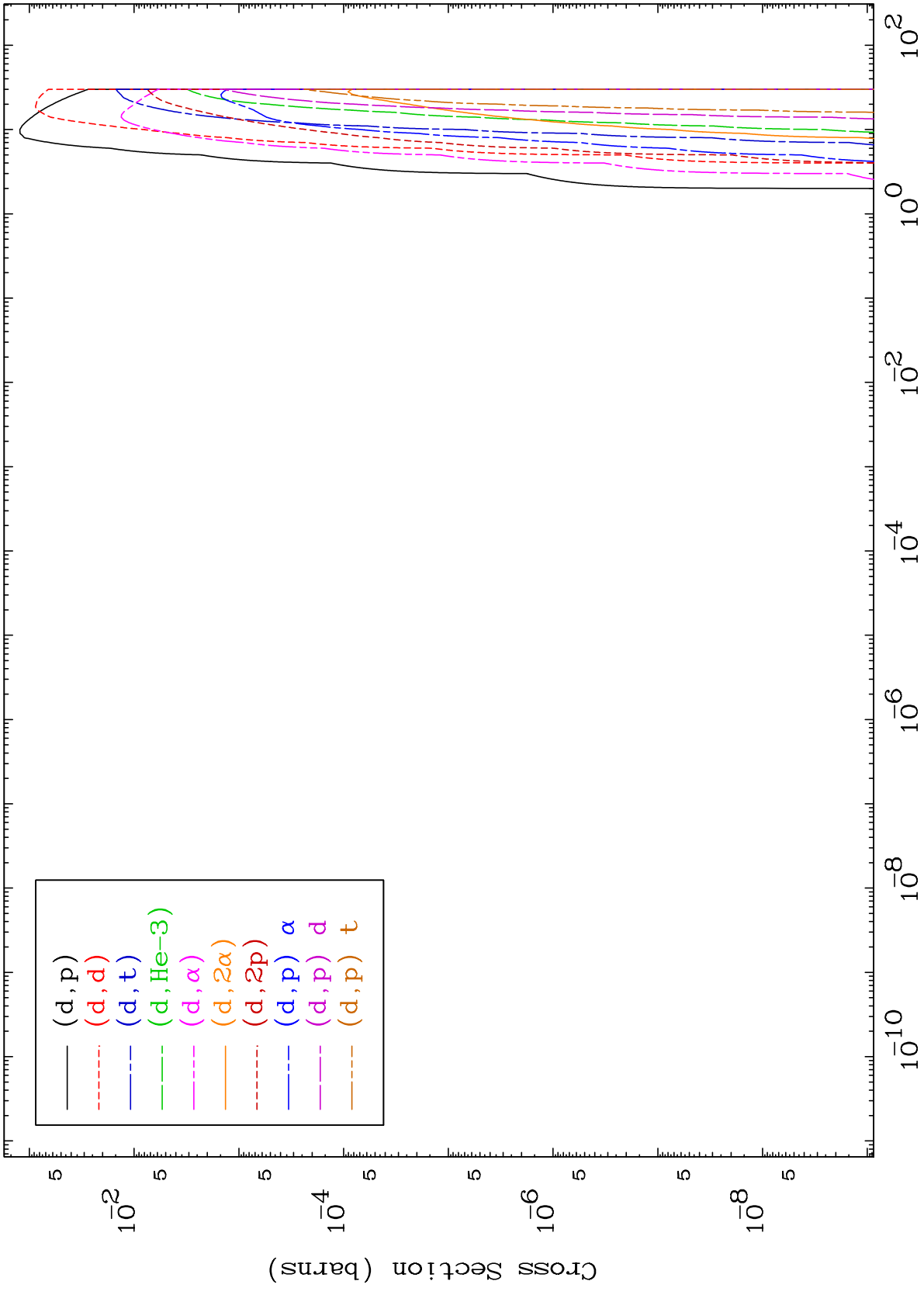
54-Xe-123



MAT 5422

Deuteron Charged Particle
0 Kelvin Cross Sections

54-Xe-123

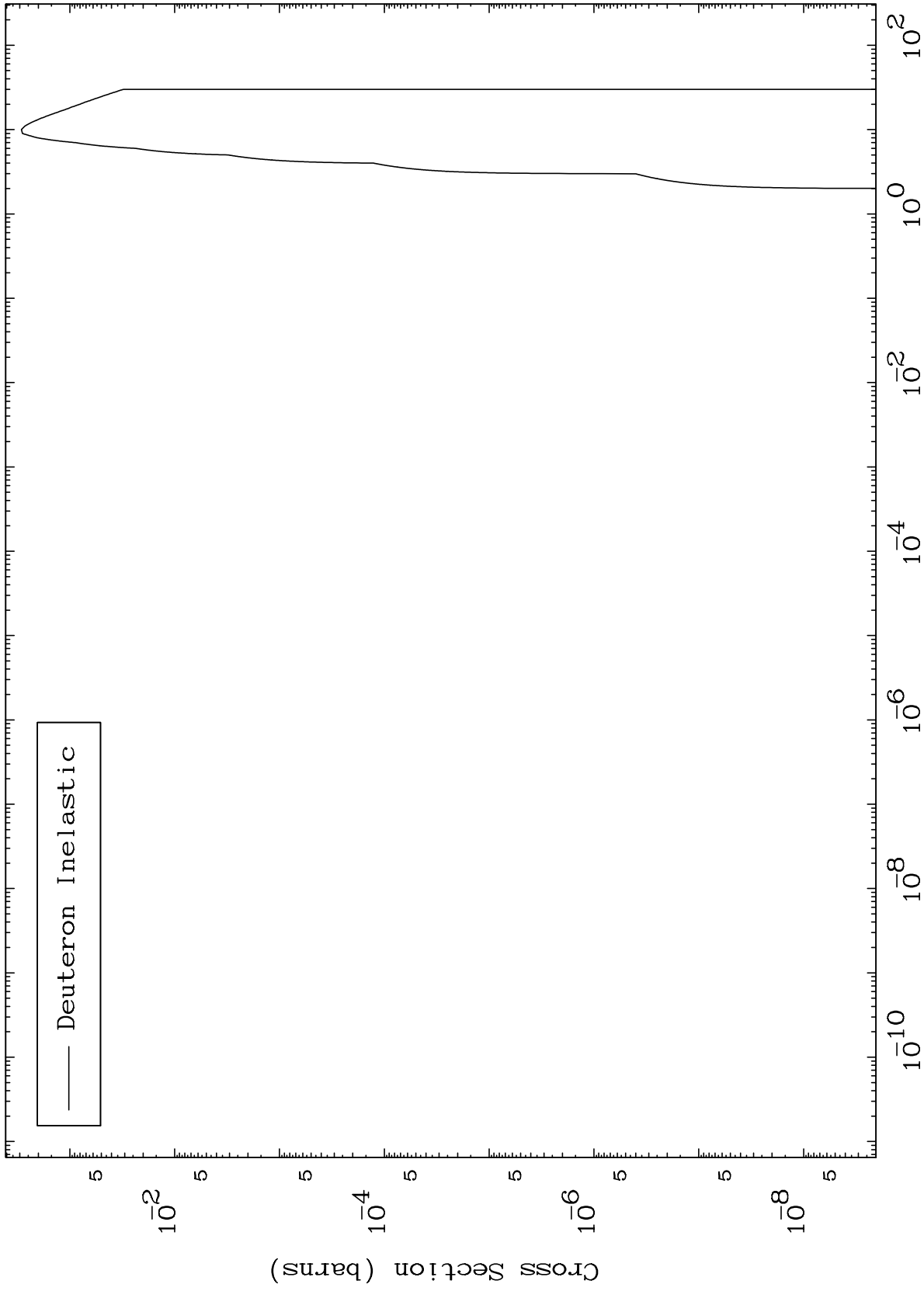


54-Xe-123

MAT 5422

(d,n') Level
0 Kelvin Cross Sections

54-Xe-123



6

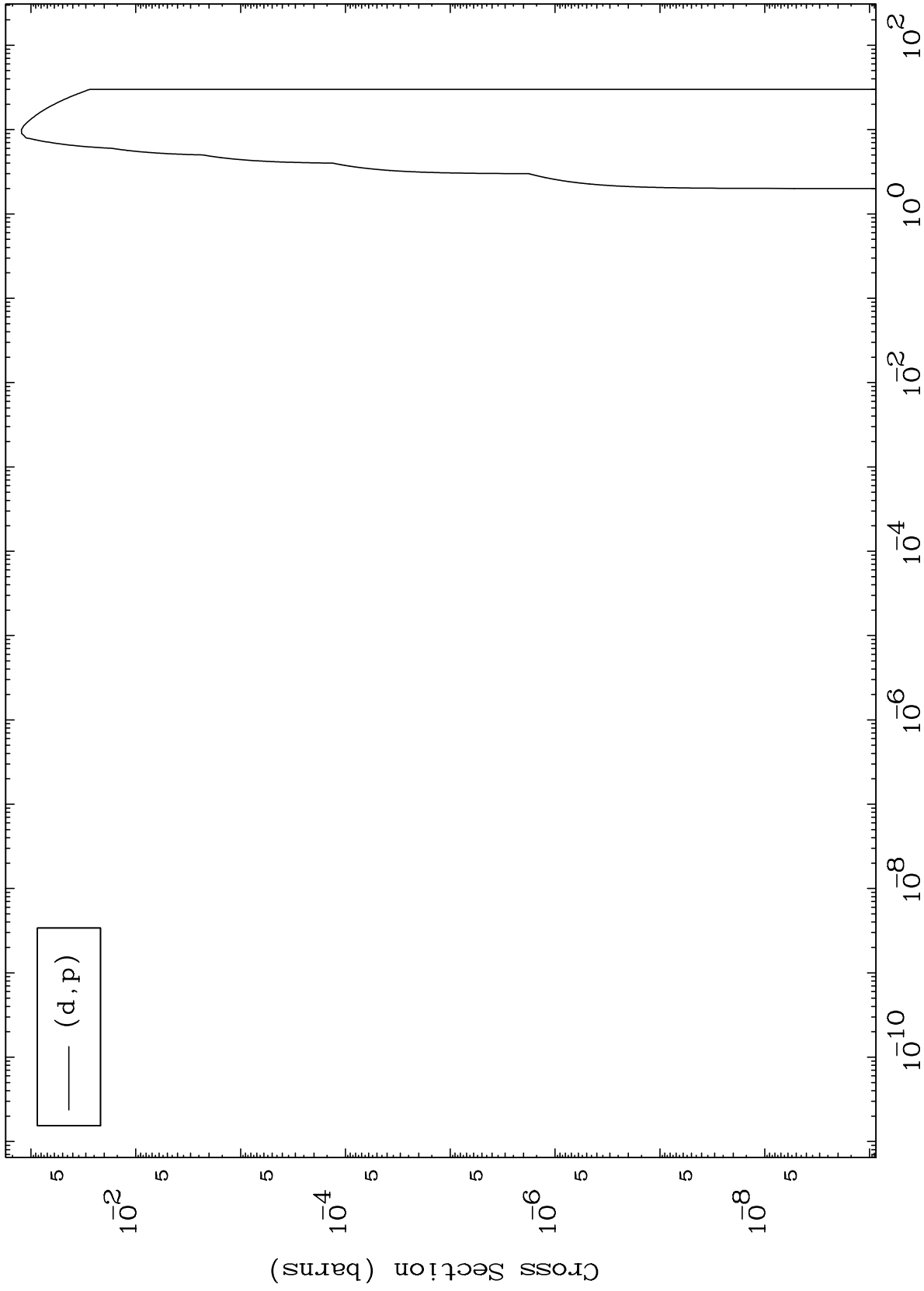
Incident Energy (MeV)

54-Xe-123

MAT 5422

(d,p) Levels
0 Kelvin Cross Sections

54-Xe-123



7

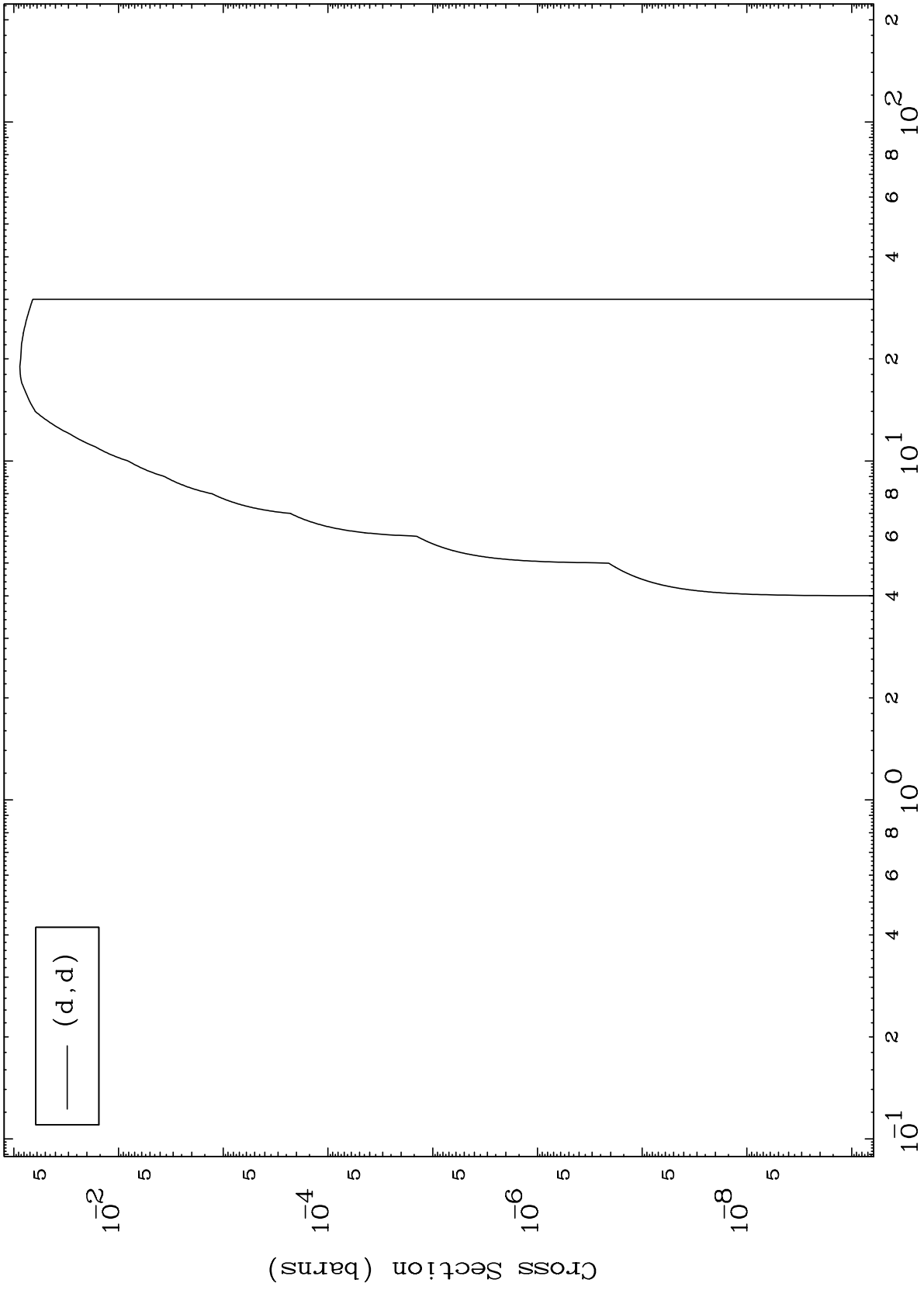
Incident Energy (MeV)

54-Xe-123

MAT 5422

(d,d) Levels
0 Kelvin Cross Sections

54-Xe-123



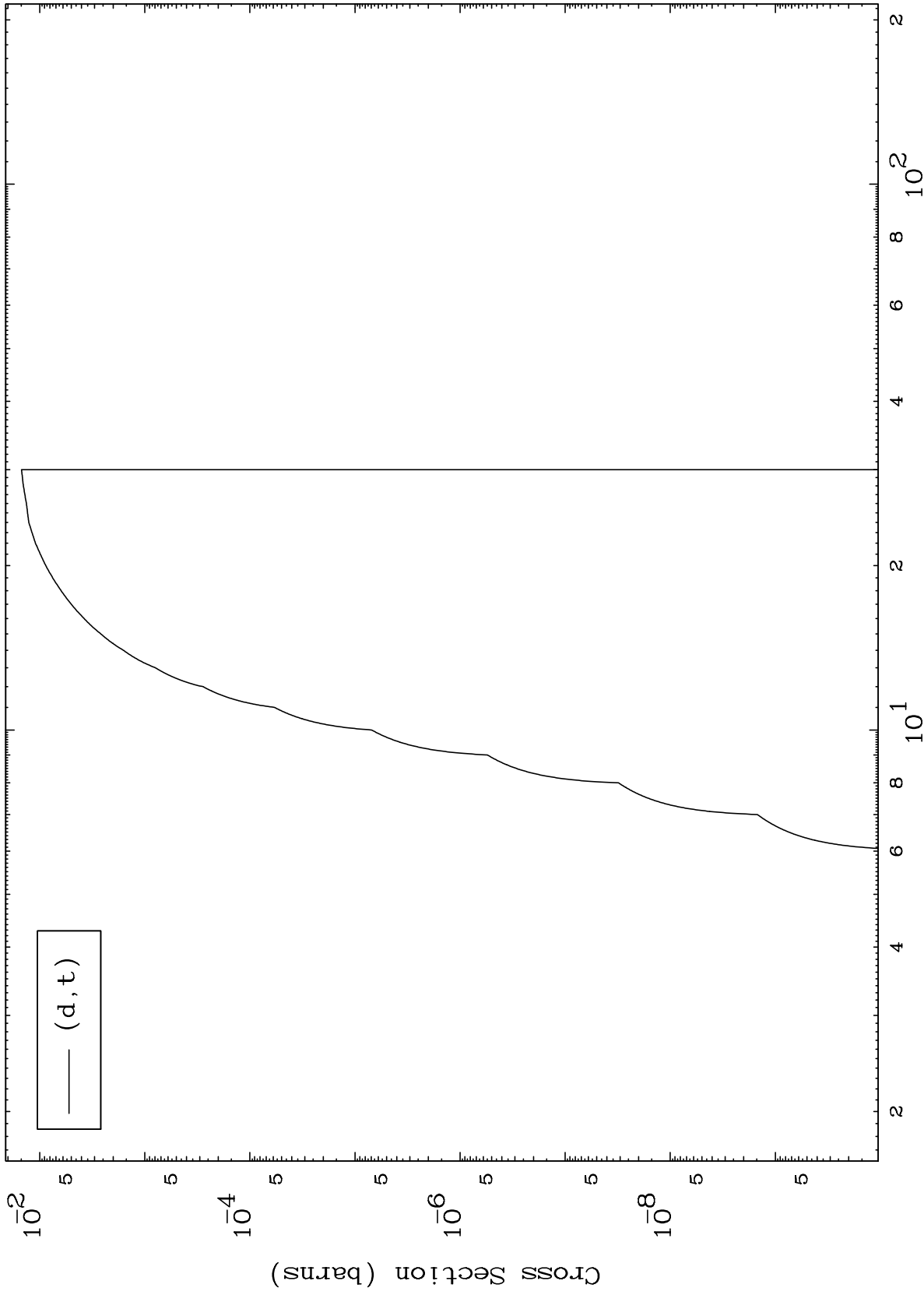
Incident Energy (MeV)

54-Xe-123

MAT 5422

(d,t) Levels
0 Kelvin Cross Sections

54-Xe-123



9

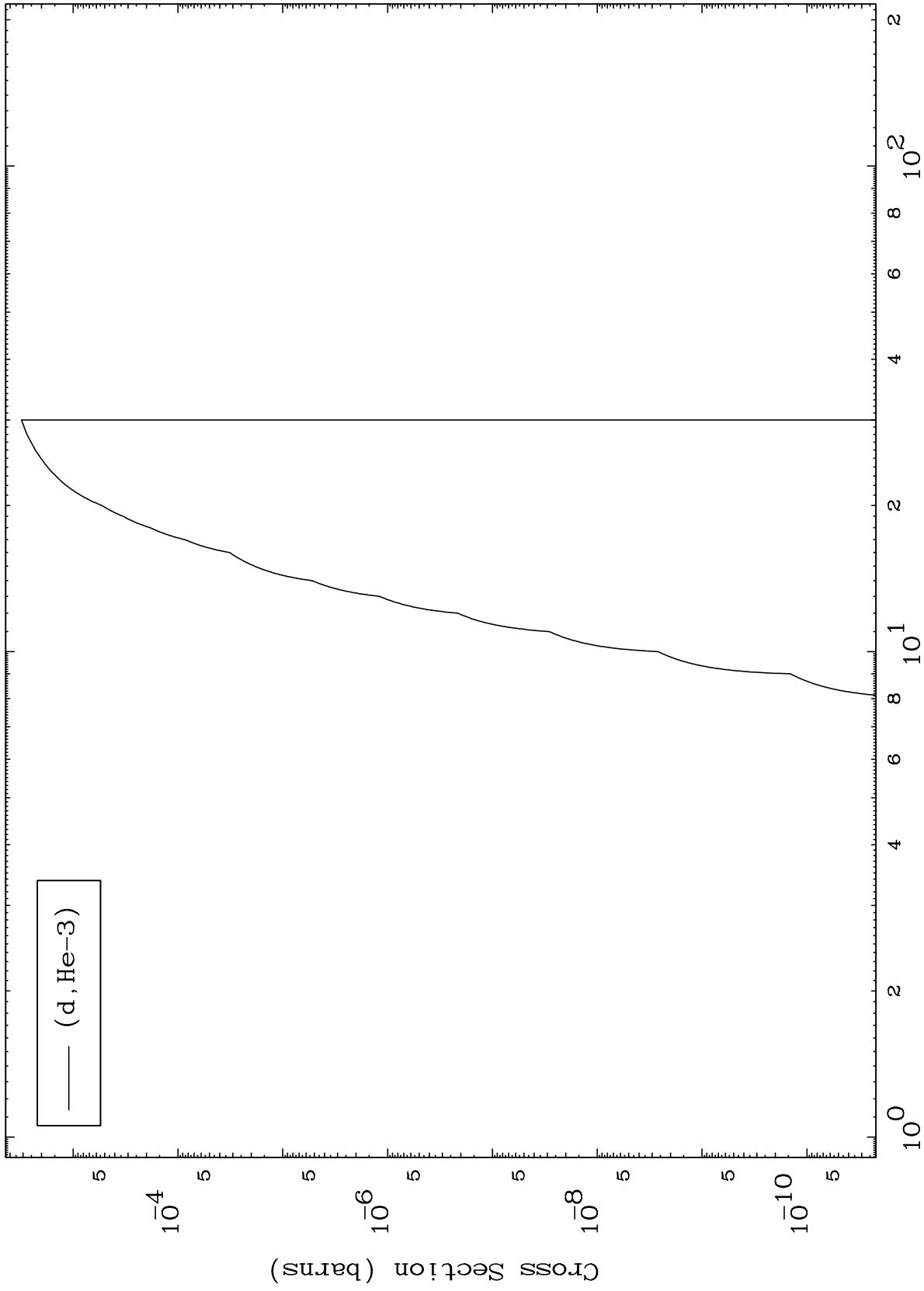
Incident Energy (MeV)

54-Xe-123

MAT 5422

(d,He3) Levels
0 Kelvin Cross Sections

54-Xe-123



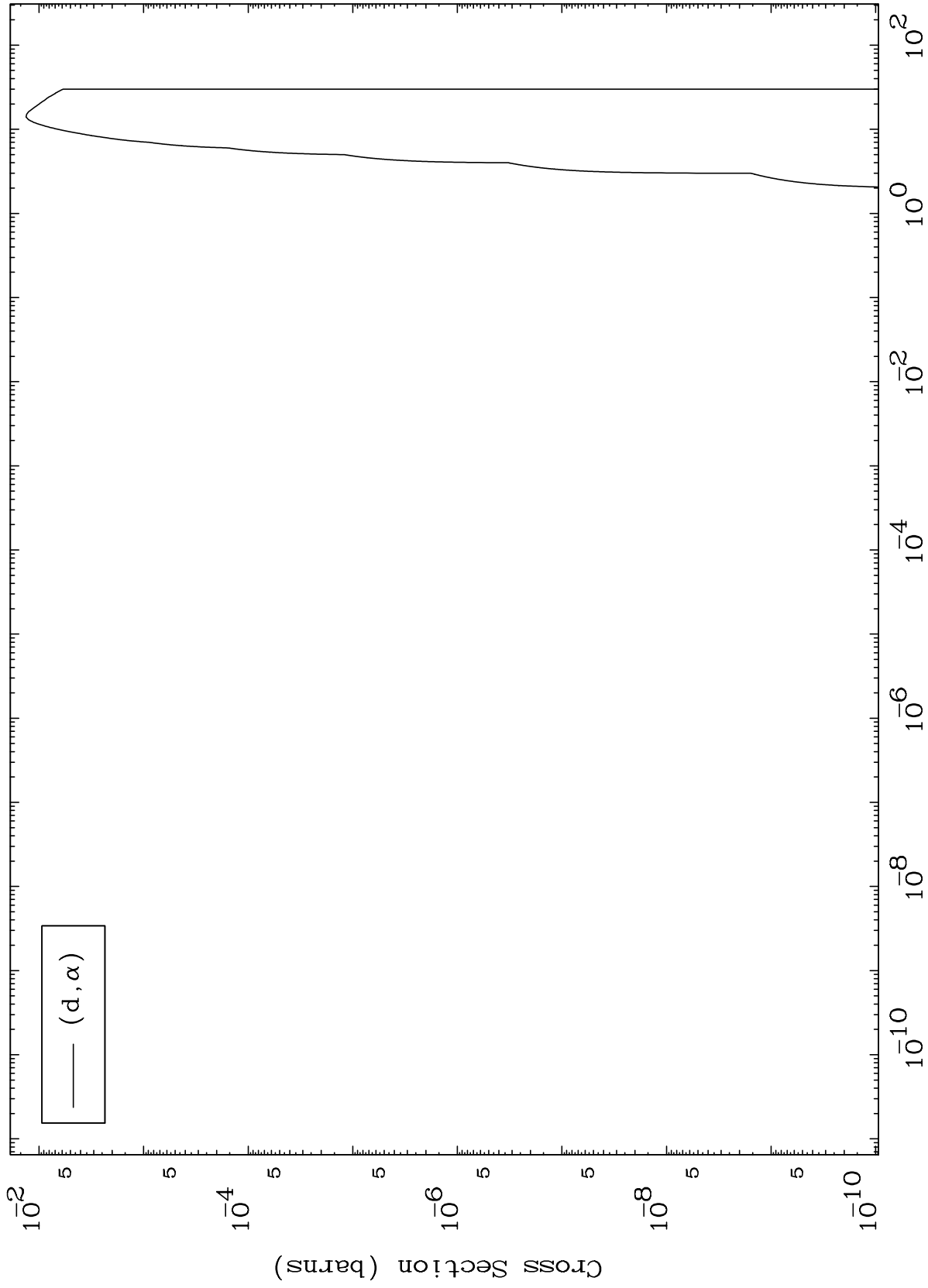
Incident Energy (MeV)

54-Xe-123

MAT 5422

(d, α) Levels
0 Kelvin Cross Sections

54-Xe-123



11

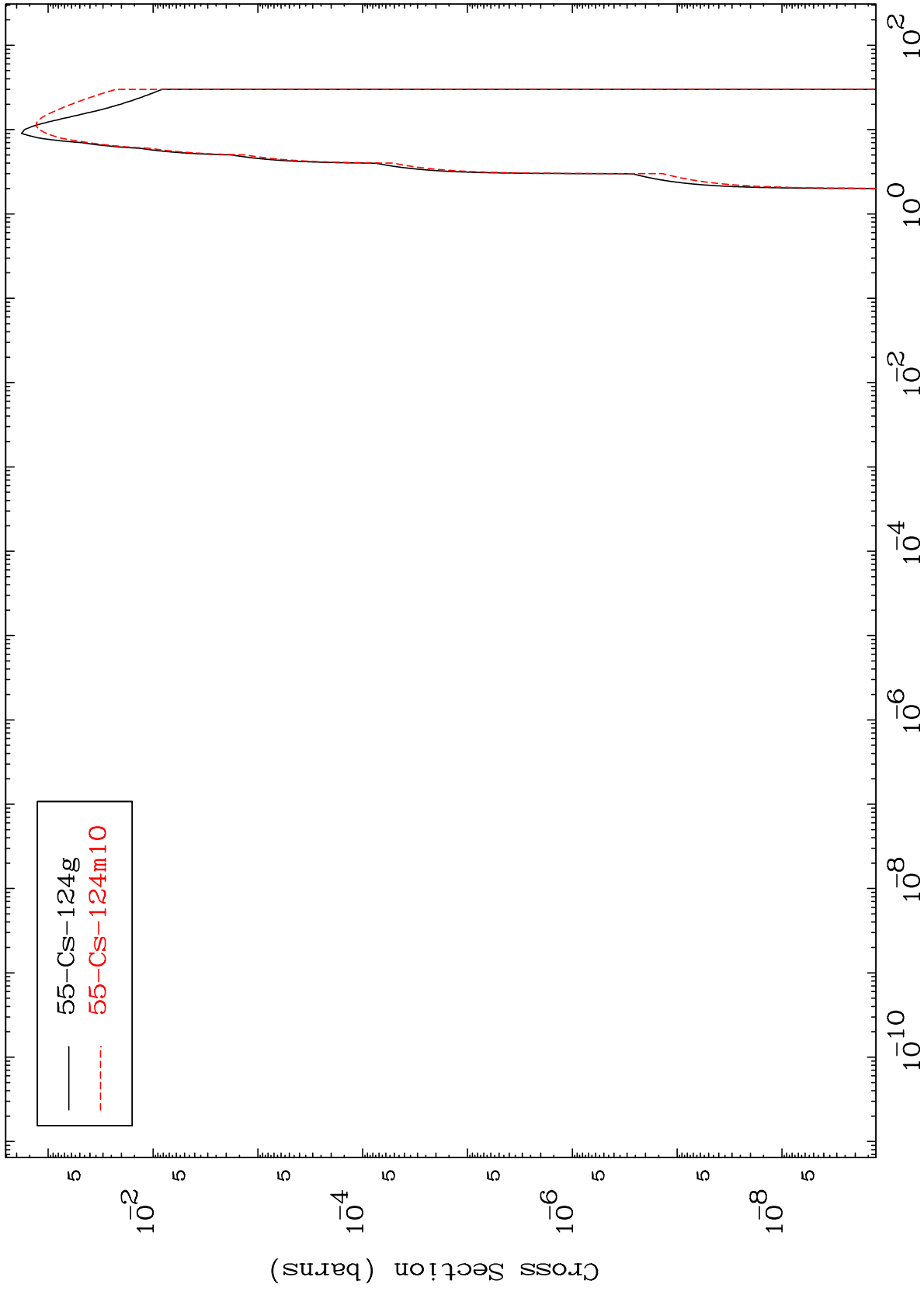
Incident Energy (MeV)

54-Xe-123

MAT 5422

Deuteron Inelastic
Radionuclide Production Cross Section

54-Xe-123



12

Incident Energy (MeV)

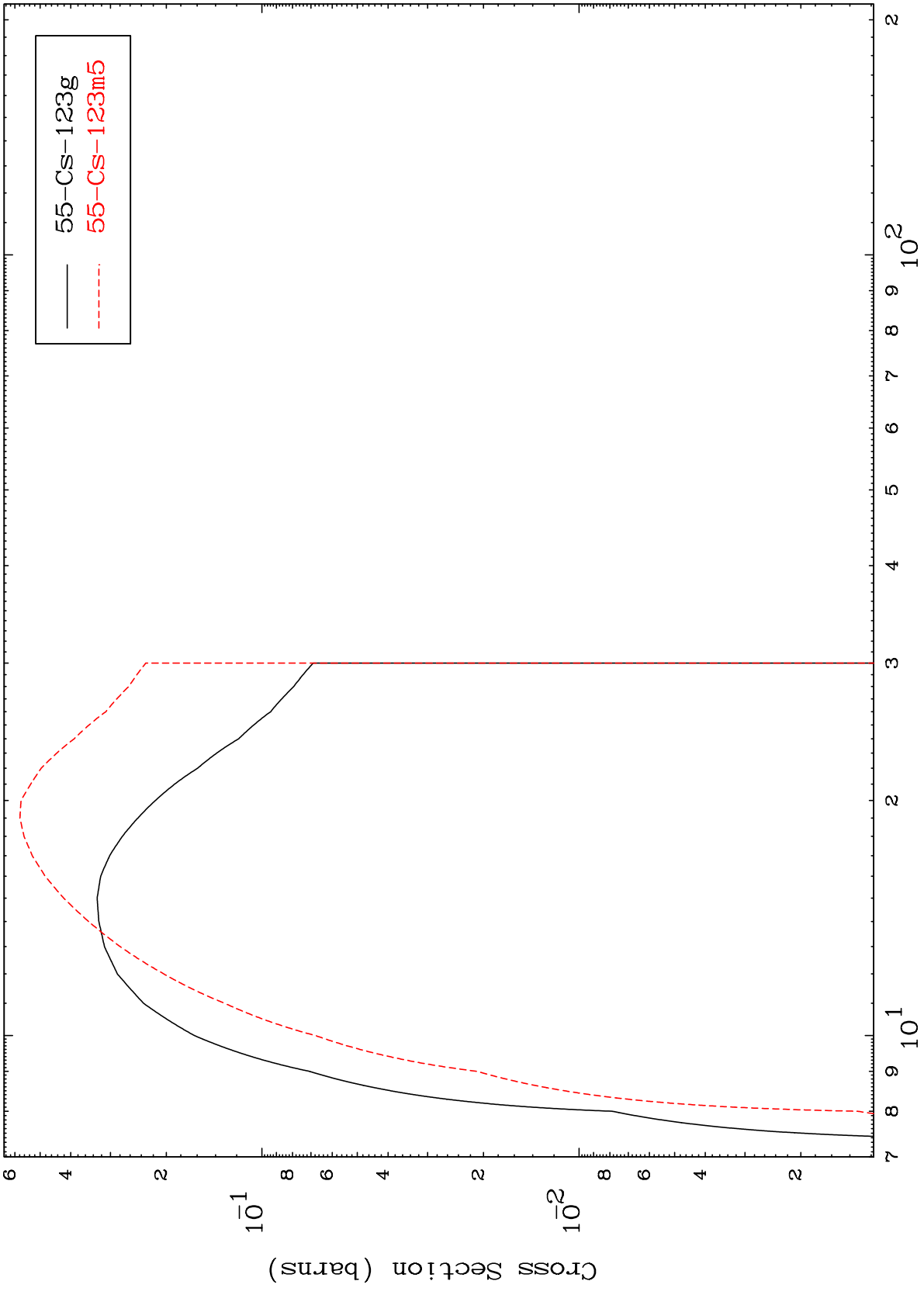
54-Xe-123

MAT 5422

(d,2n)

54-Xe-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

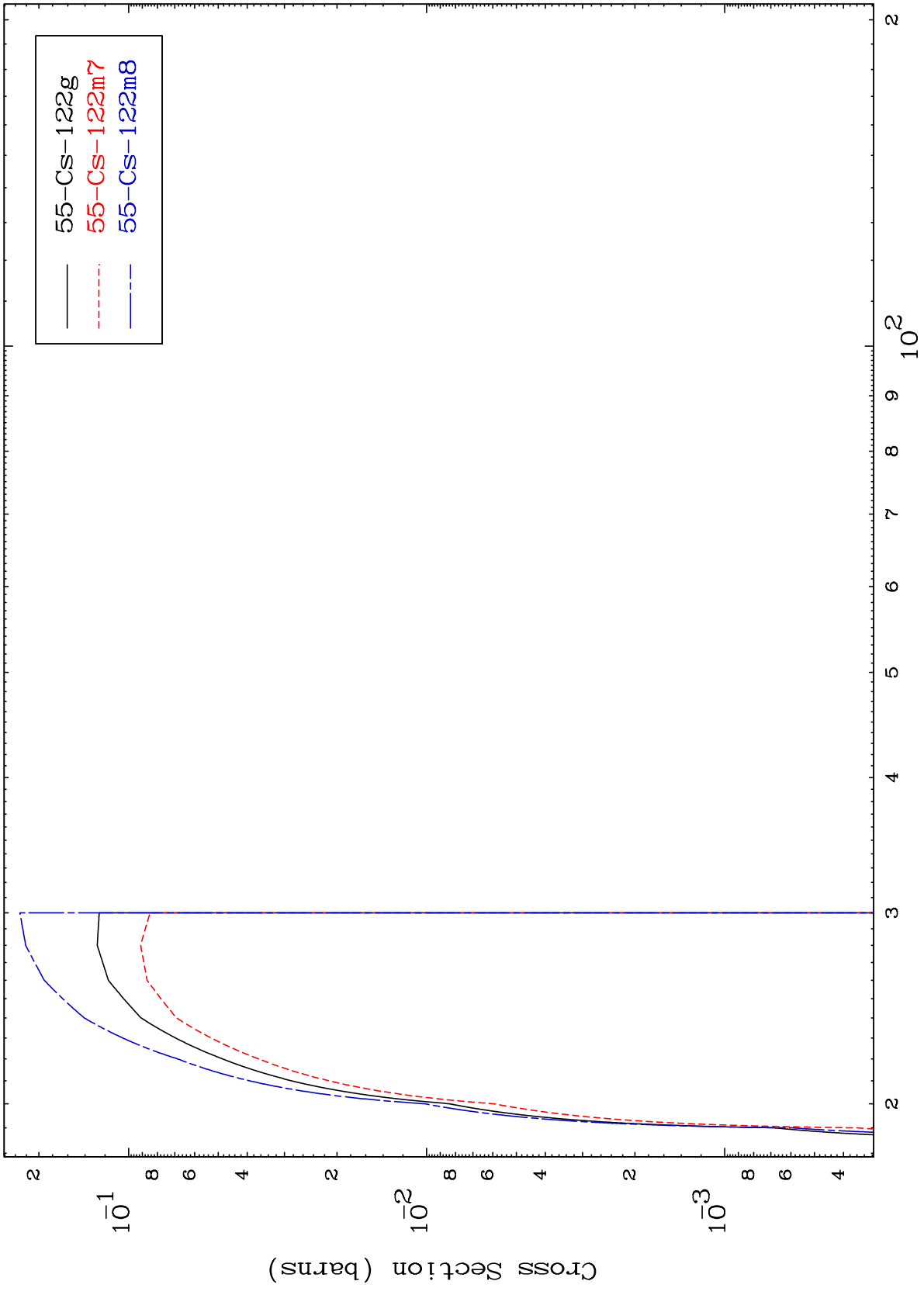
54-Xe-123

MAT 5422

(d,3n)

54-Xe-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

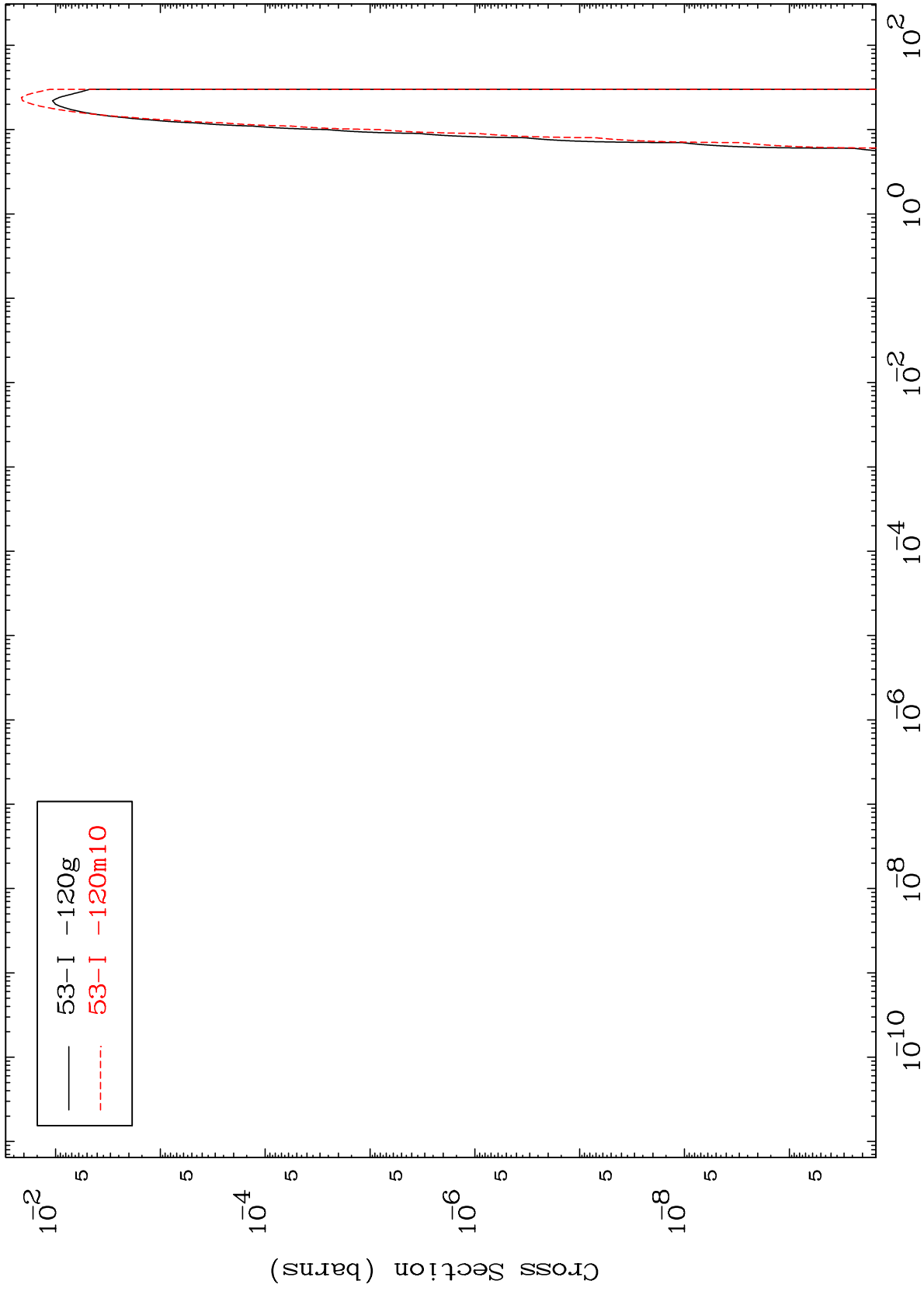
54-Xe-123

MAT 5422

(d,n') α

54-Xe-123

Radionuclide Production Cross Section



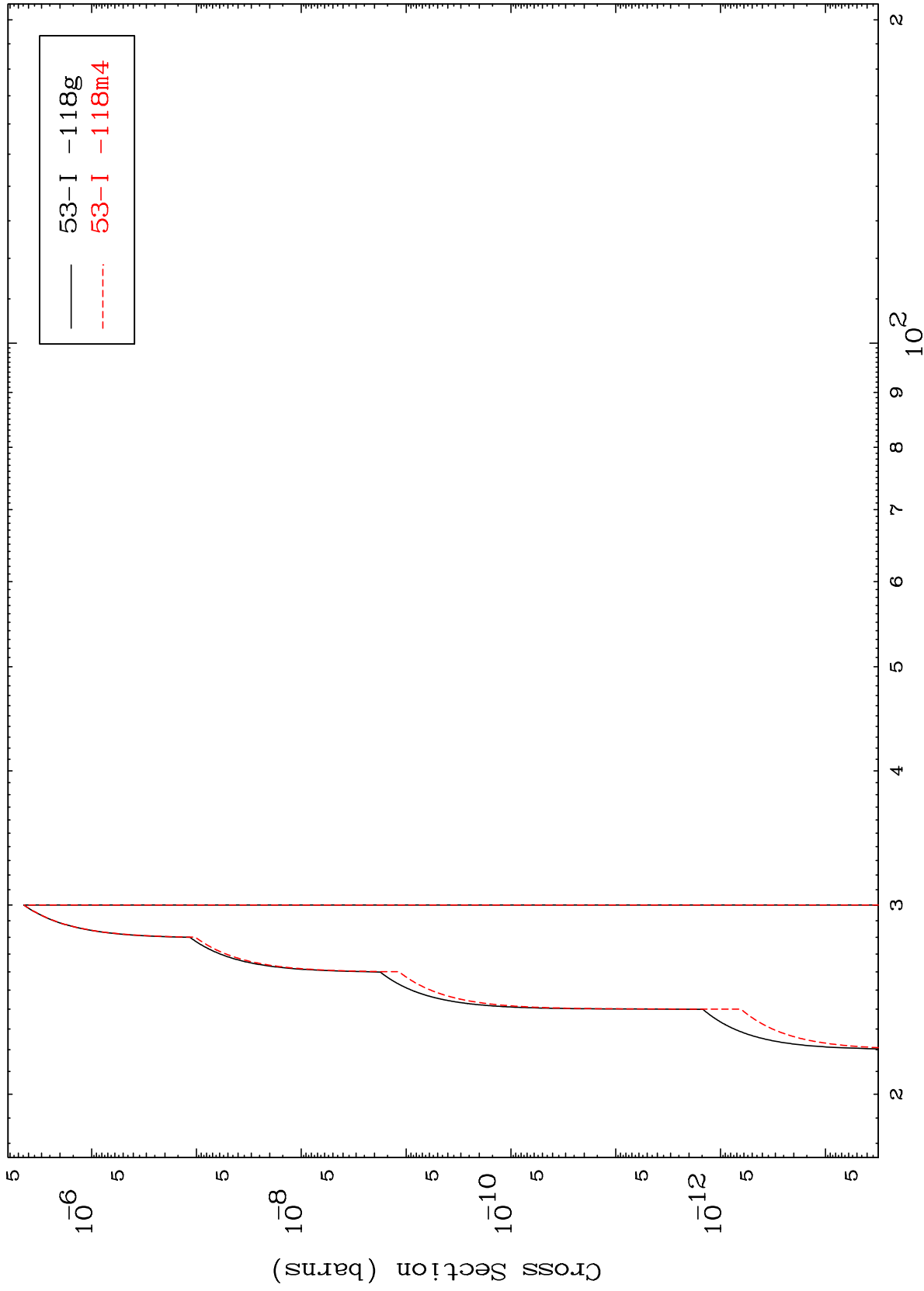
15

MAT 5422

(d,3n) α

54-Xe-123

Radionuclide Production Cross Section



16

Incident Energy (MeV)

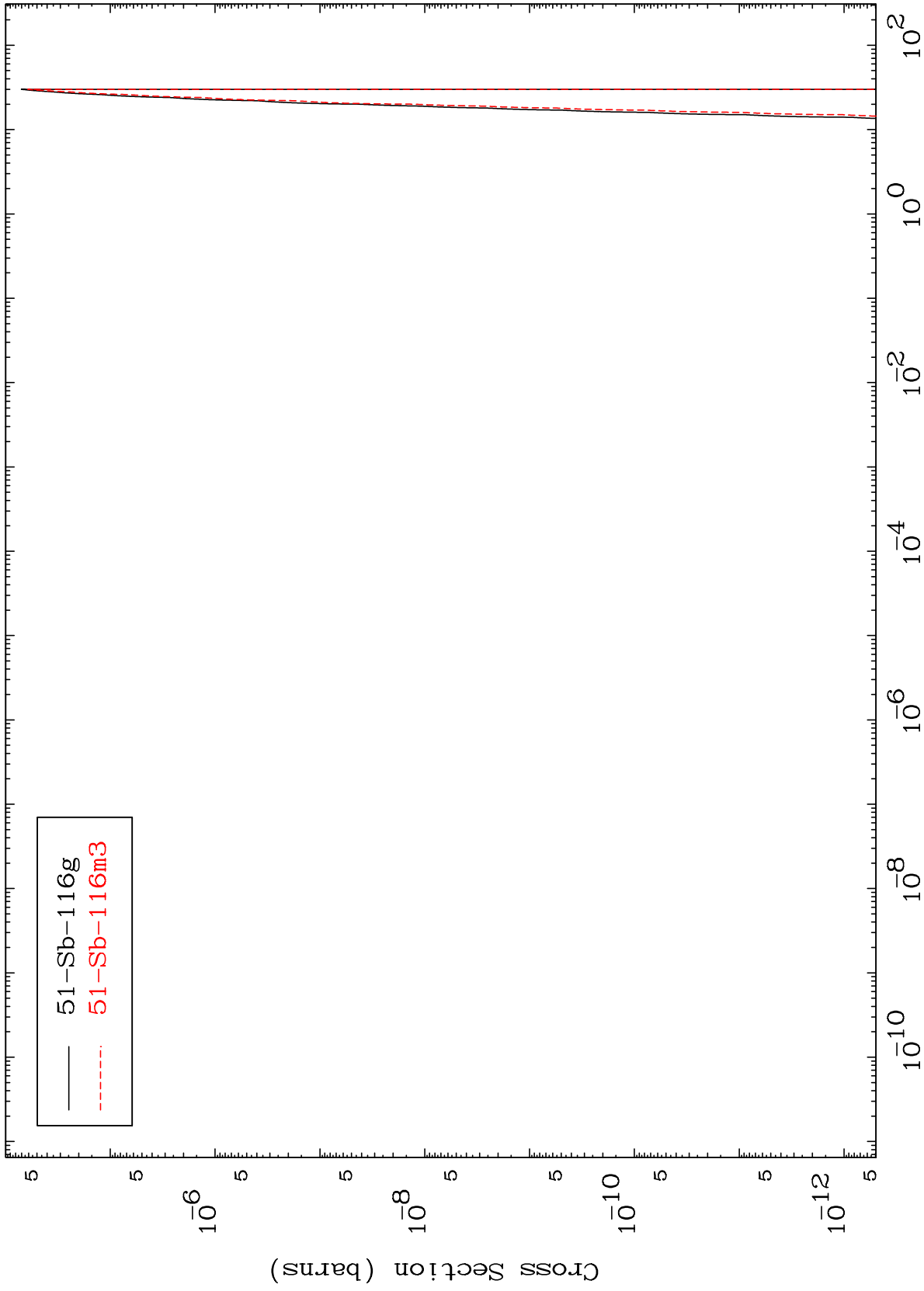
54-Xe-123

MAT 5422

(d,n') 2 α

54-Xe-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

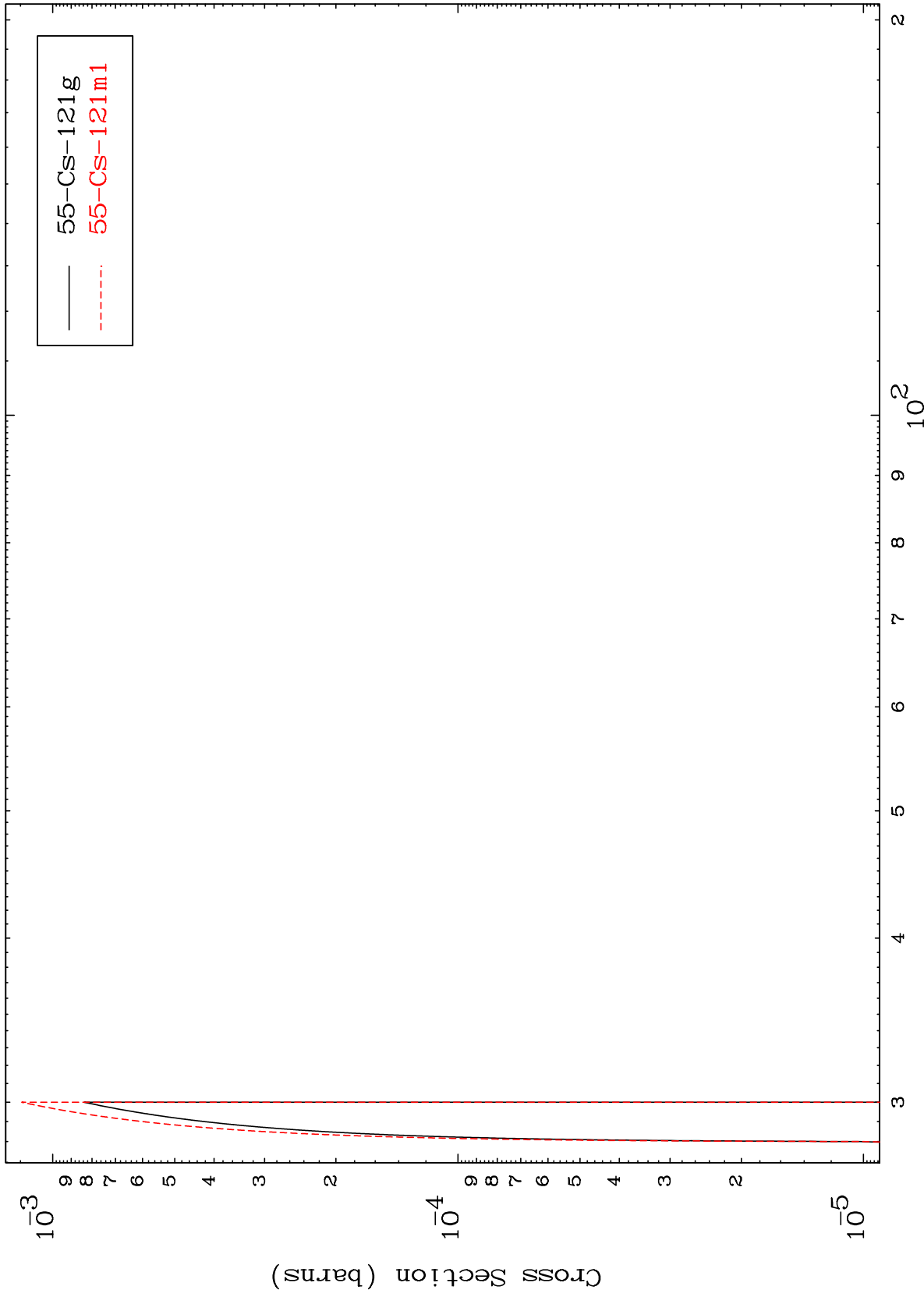
54-Xe-123

MAT 5422

(d,4n)

54-Xe-123

Radionuclide Production Cross Section



18

Incident Energy (MeV)

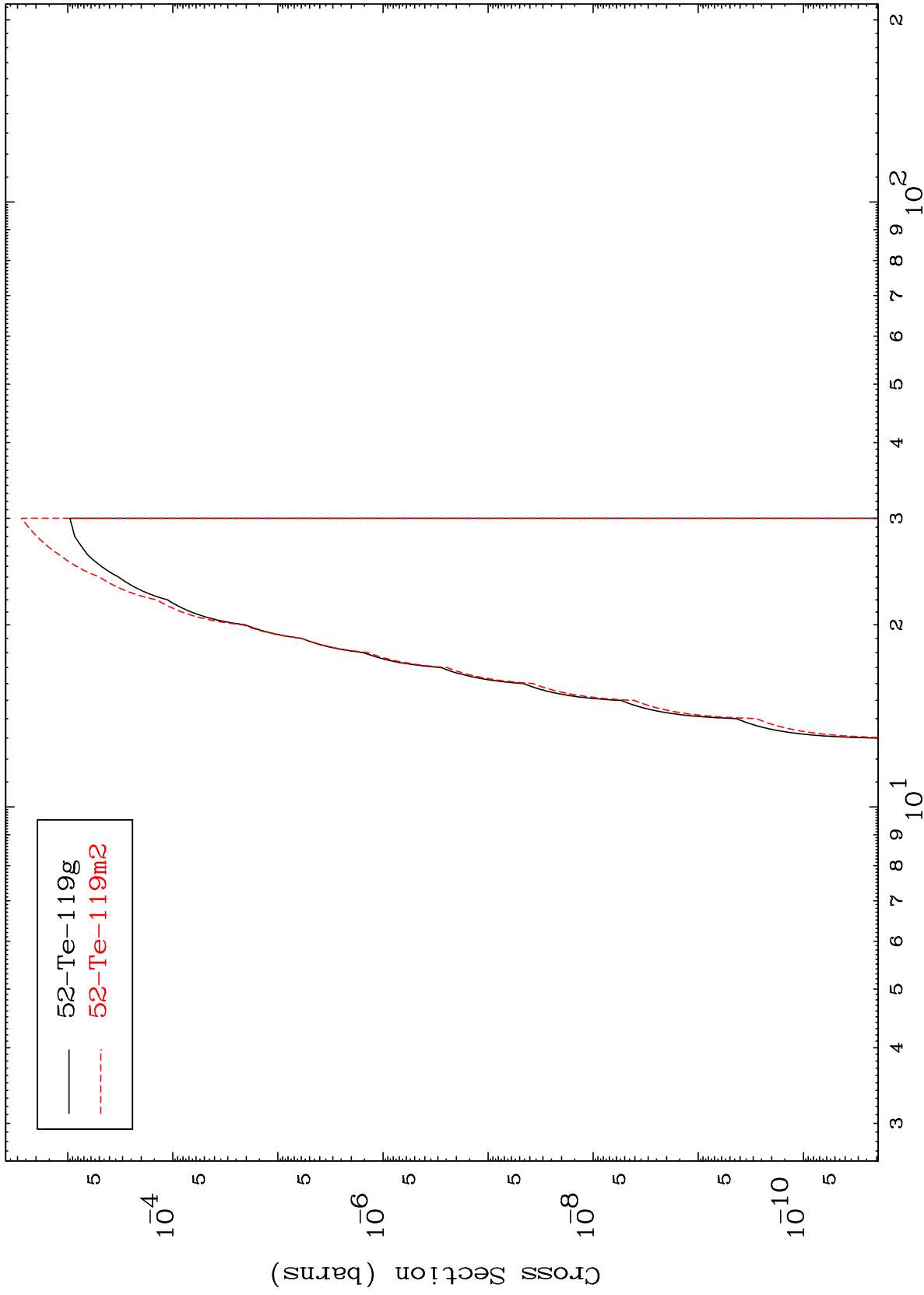
54-Xe-123

MAT 5422

(d,n') p α

54-Xe-123

Radionuclide Production Cross Section



19

Incident Energy (MeV)

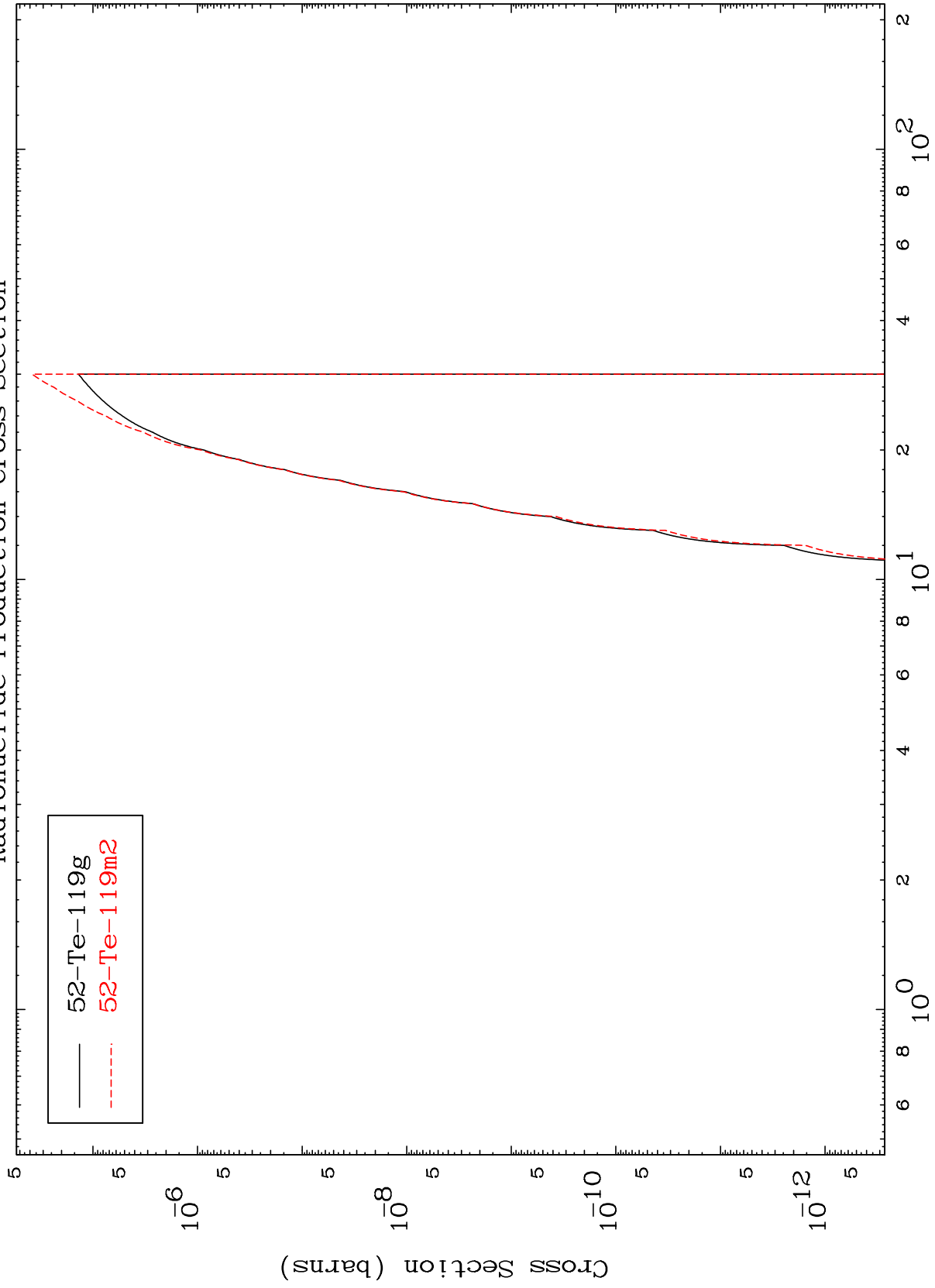
54-Xe-123

MAT 5422

(d,d) α

54-Xe-123

Radionuclide Production Cross Section



20

Incident Energy (MeV)

54-Xe-123