

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

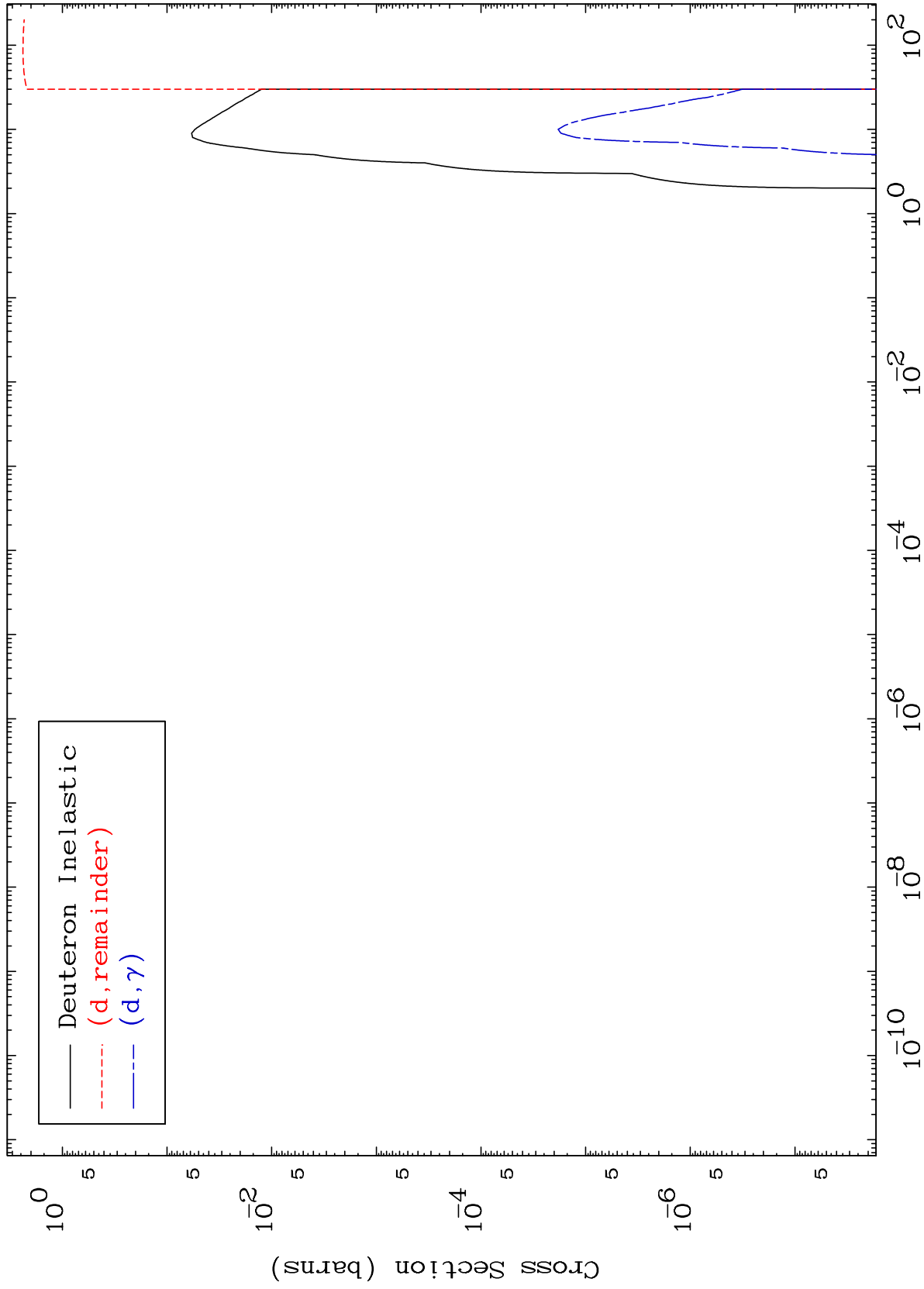
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Web: redcullen1.net/HOMEPAGE.NEW

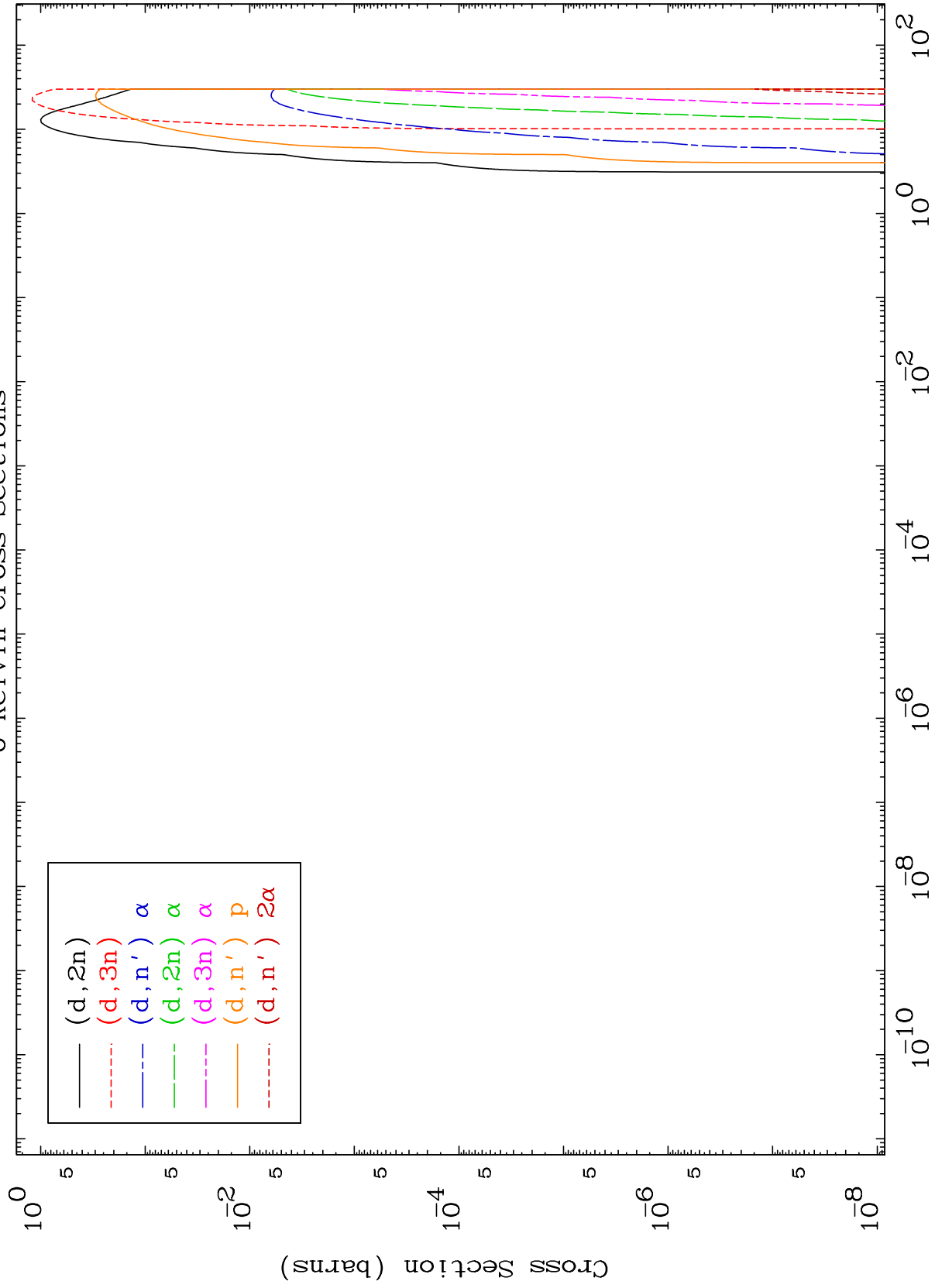
Press Mouse Button to Start



MAT 5131

Deuteron Neutron Production
0 Kelvin Cross Sections

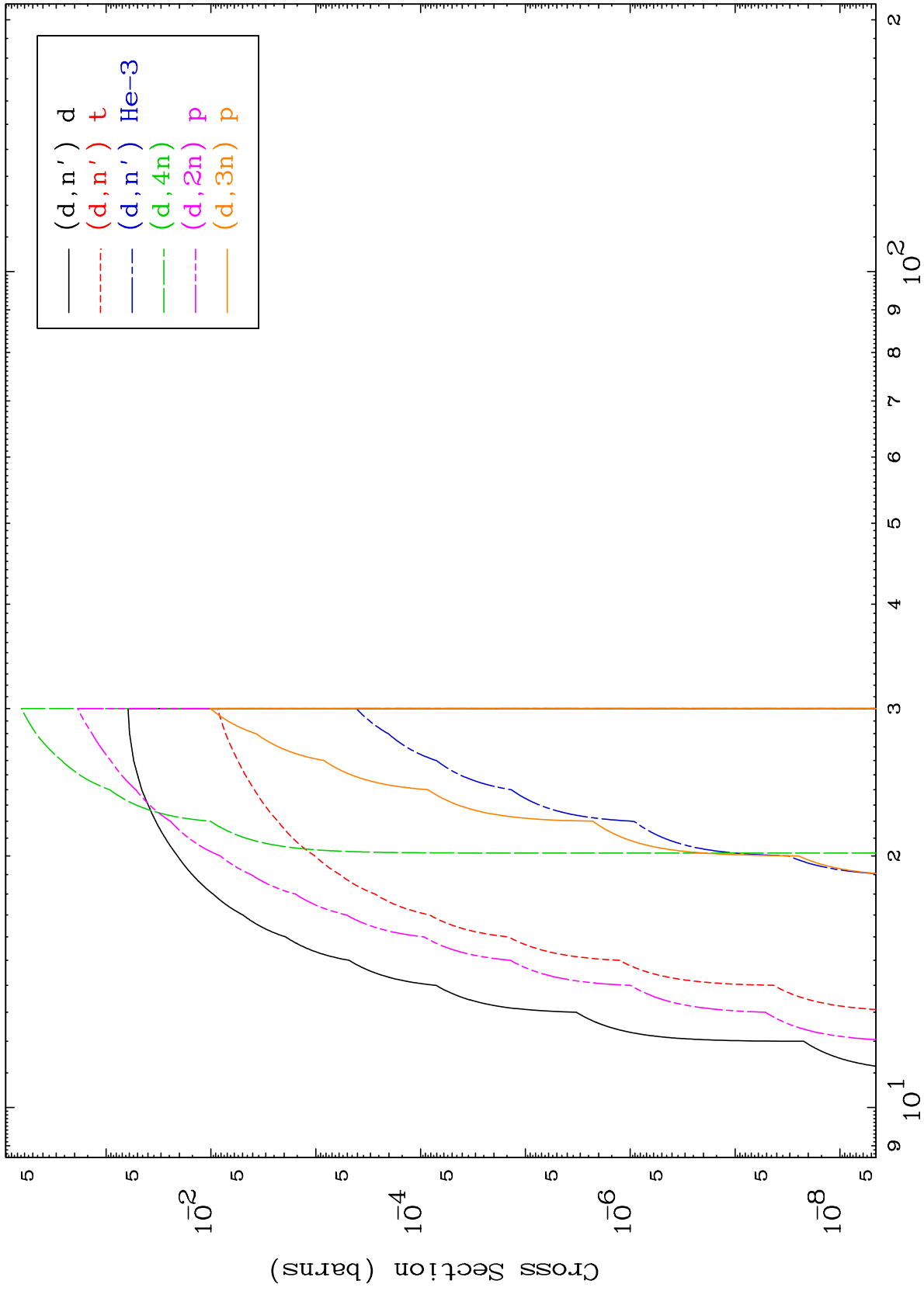
51-Sb-123



2

Incident Energy (MeV)

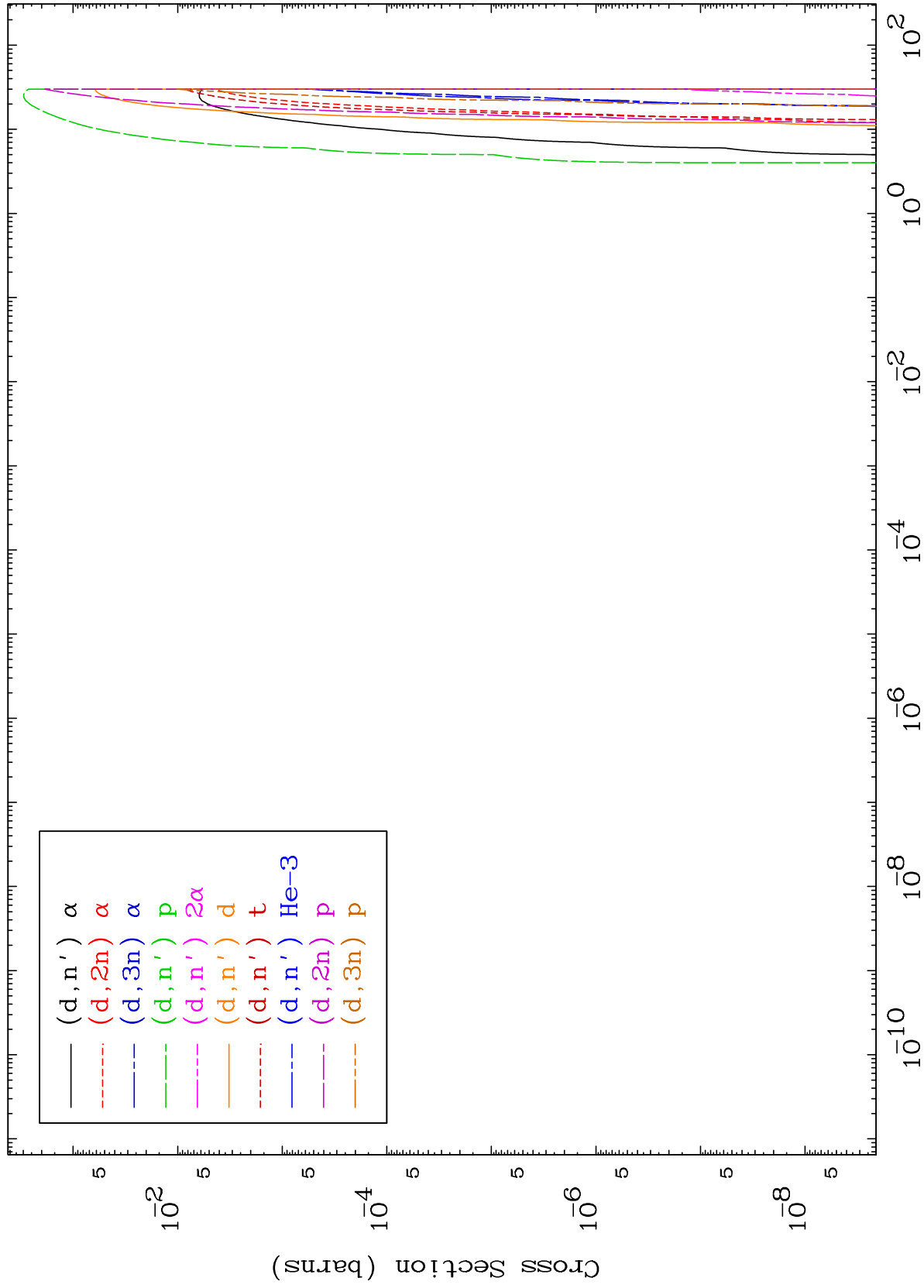
51-Sb-123



MAT 5131

Deuteron Charged Particle
0 Kelvin Cross Sections

51-Sb-123

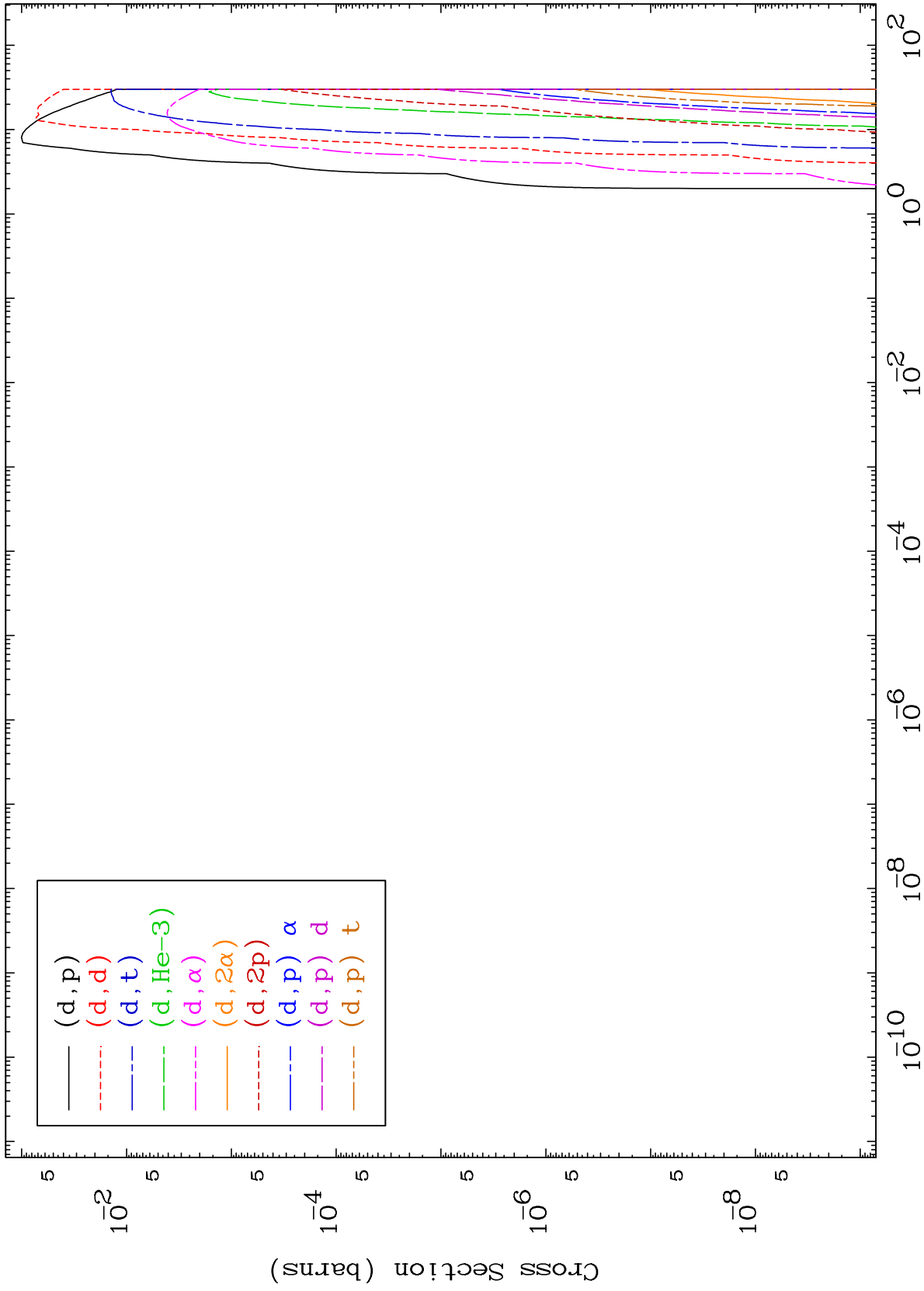


51-Sb-123

MAT 5131

Deuteron Charged Particle
0 Kelvin Cross Sections

51-Sb-123



5

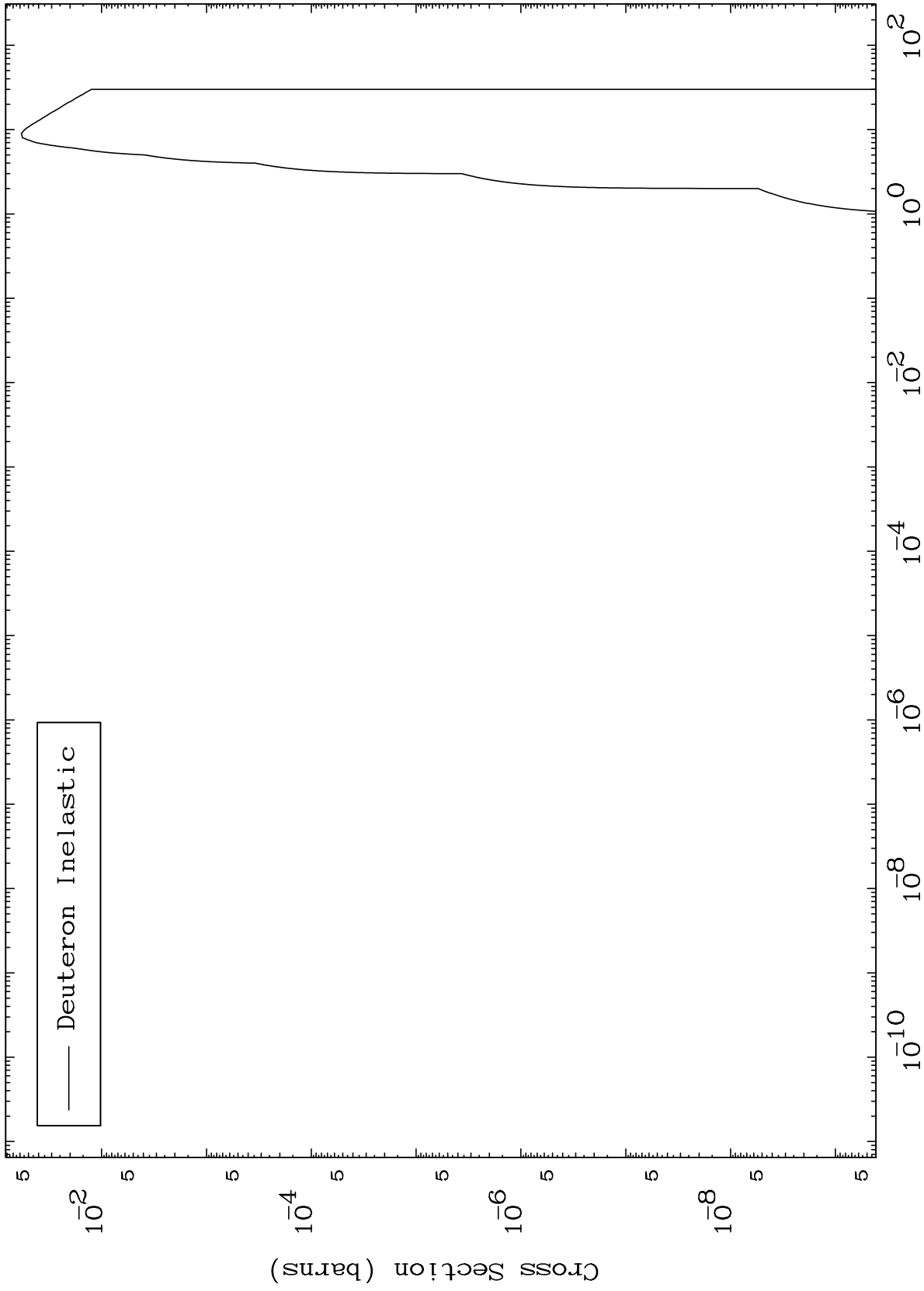
Incident Energy (MeV)

51-Sb-123

MAT 5131

(d,n') Level
0 Kelvin Cross Sections

51-Sb-123



6

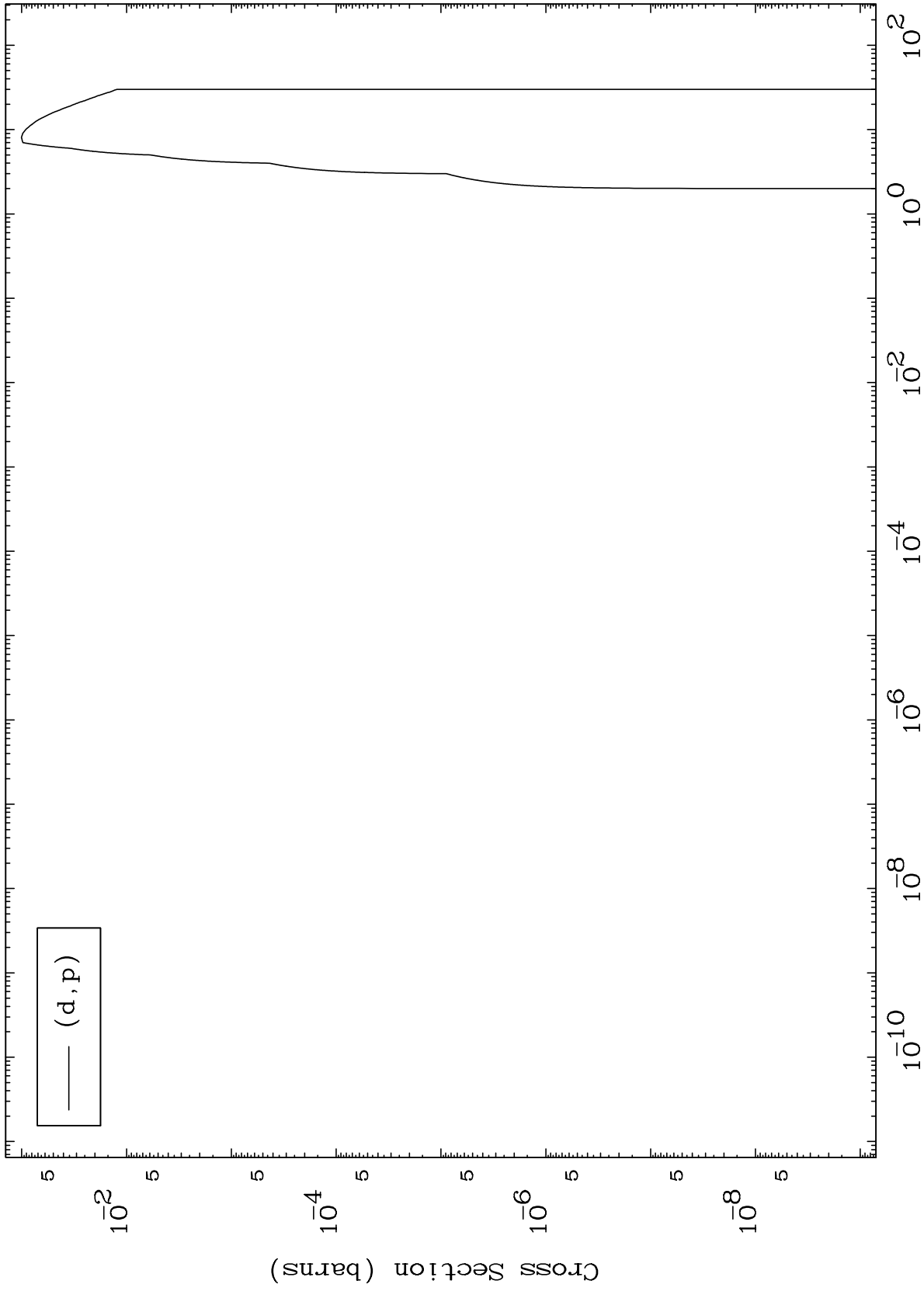
Incident Energy (MeV)

51-Sb-123

MAT 5131

(d,p) Levels
0 Kelvin Cross Sections

51-Sb-123



7

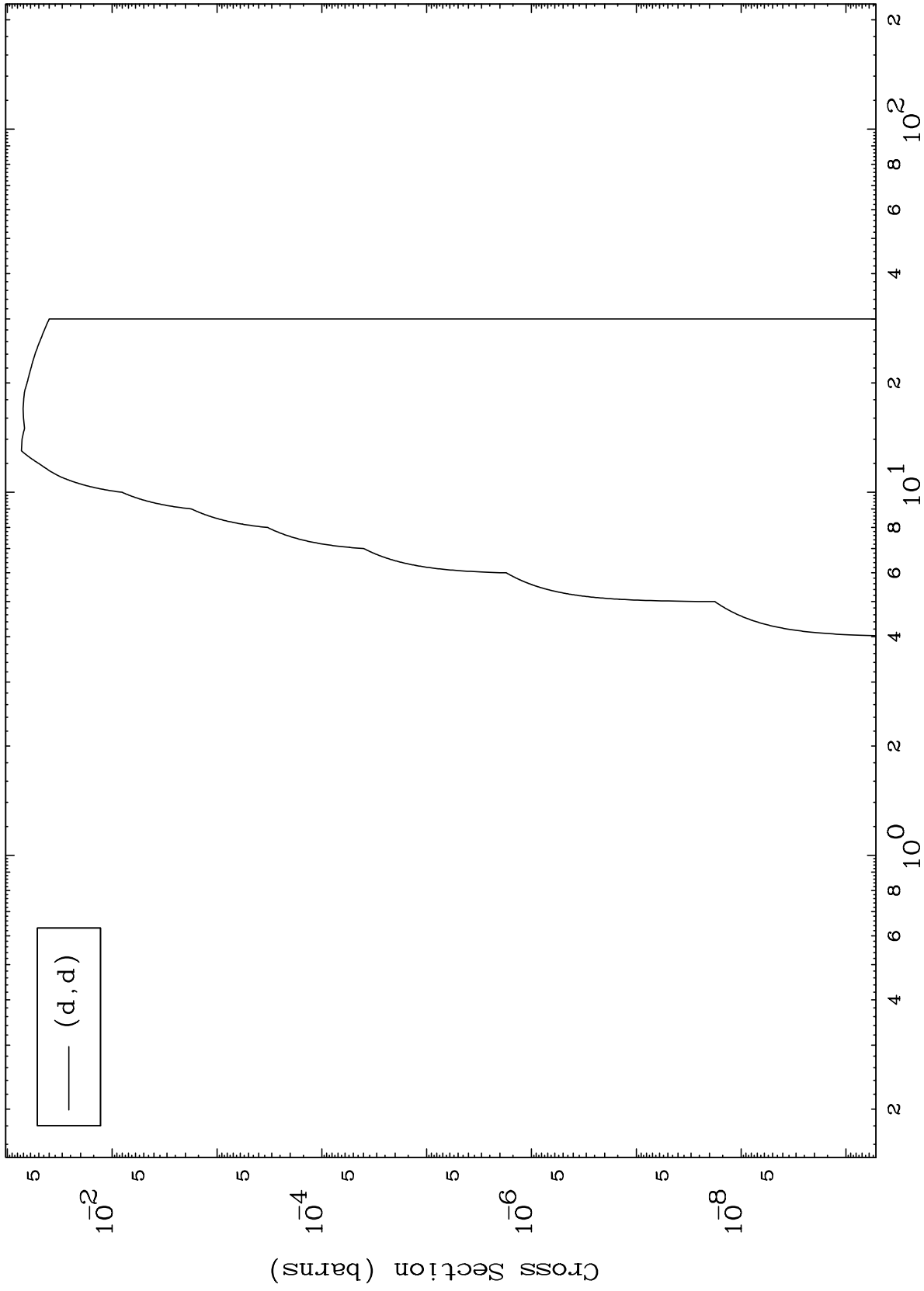
Incident Energy (MeV)

51-Sb-123

MAT 5131

(d,d) Levels
0 Kelvin Cross Sections

51-Sb-123



8

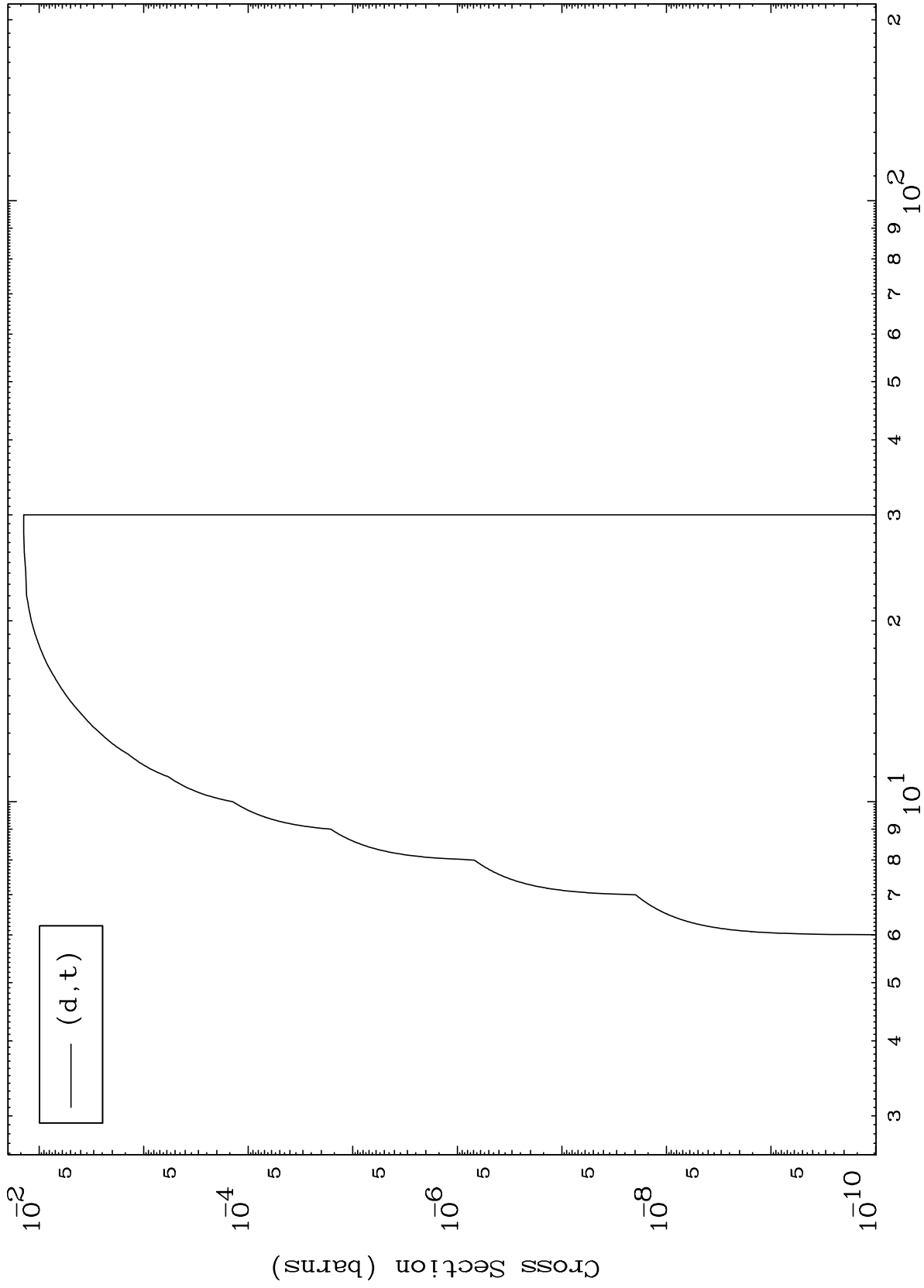
Incident Energy (MeV)

51-Sb-123

MAT 5131

(d,t) Levels
0 Kelvin Cross Sections

51-Sb-123



9

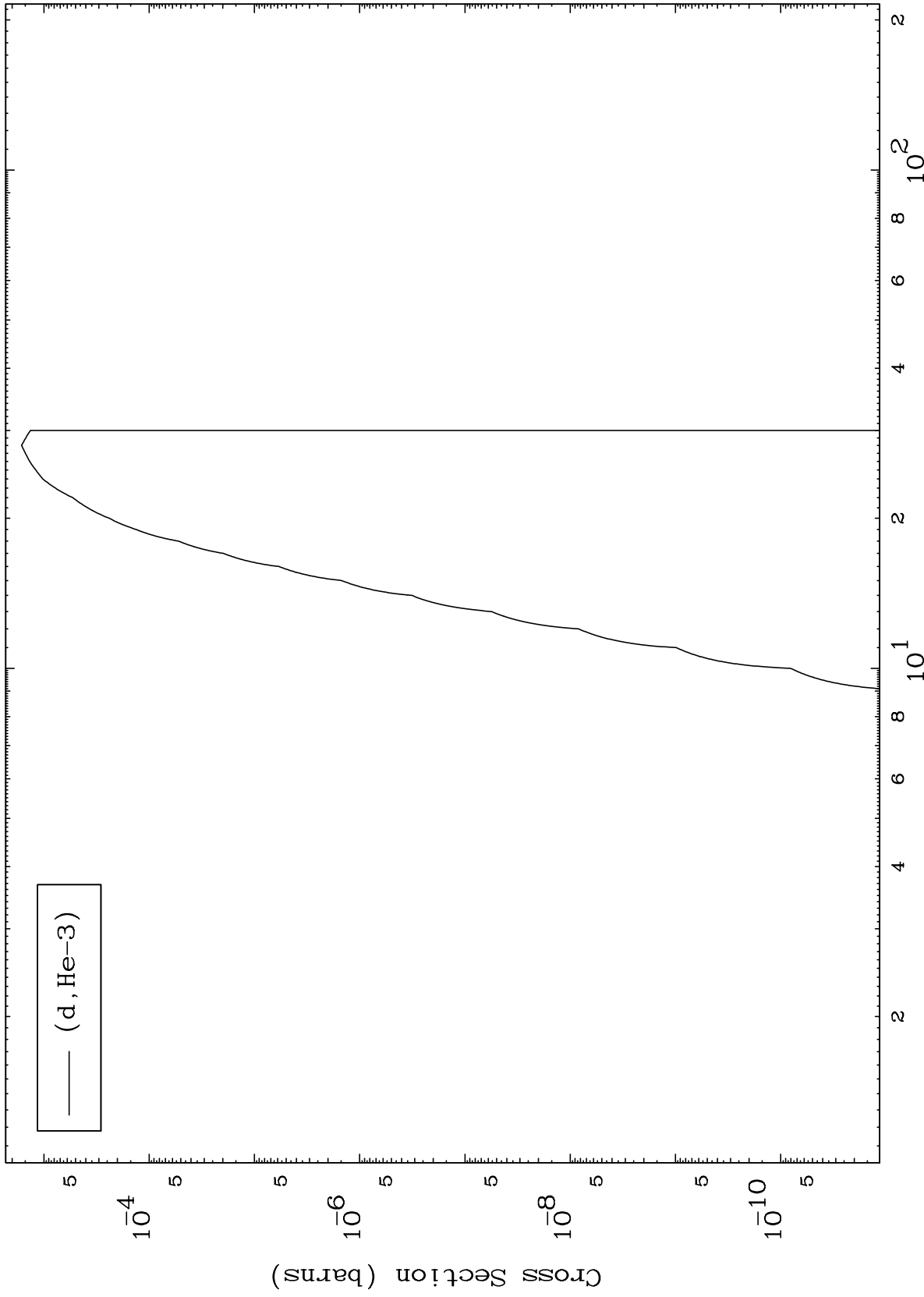
Incident Energy (MeV)

51-Sb-123

MAT 5131

(d,He3) Levels
0 Kelvin Cross Sections

51-Sb-123



10

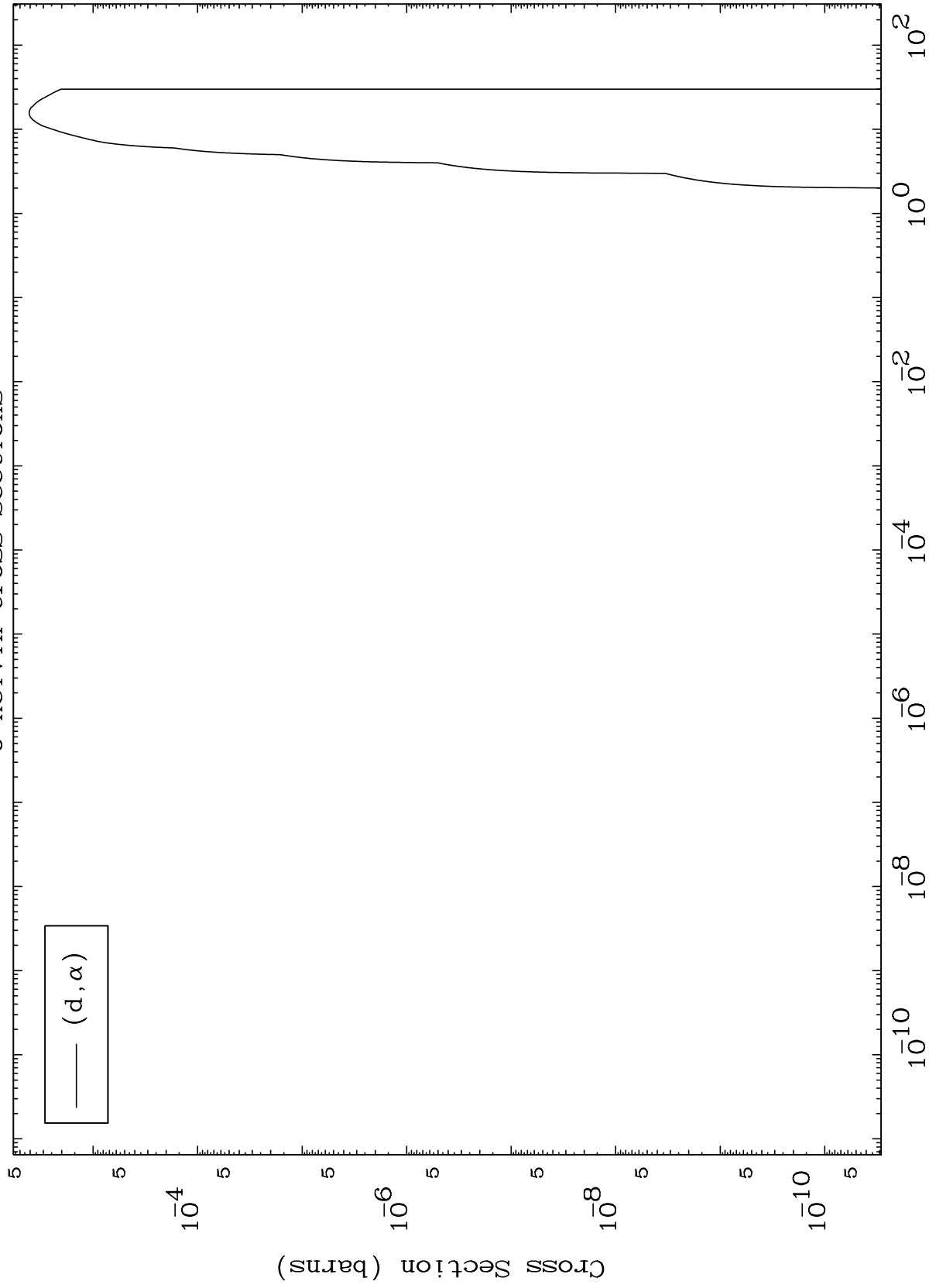
Incident Energy (MeV)

51-Sb-123

MAT 5131

(d, α) Levels
0 Kelvin Cross Sections

51-Sb-123



11

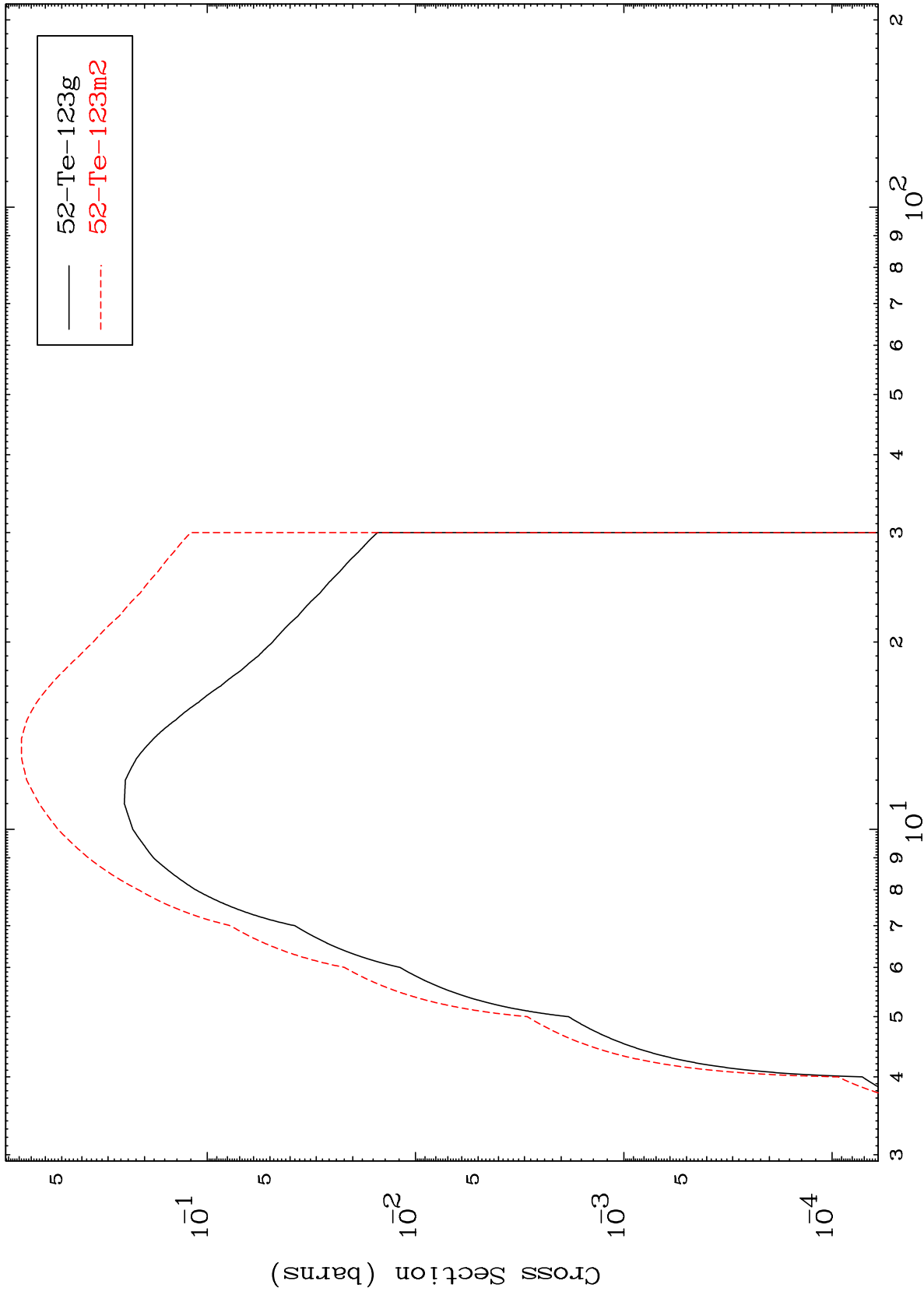
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(d,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

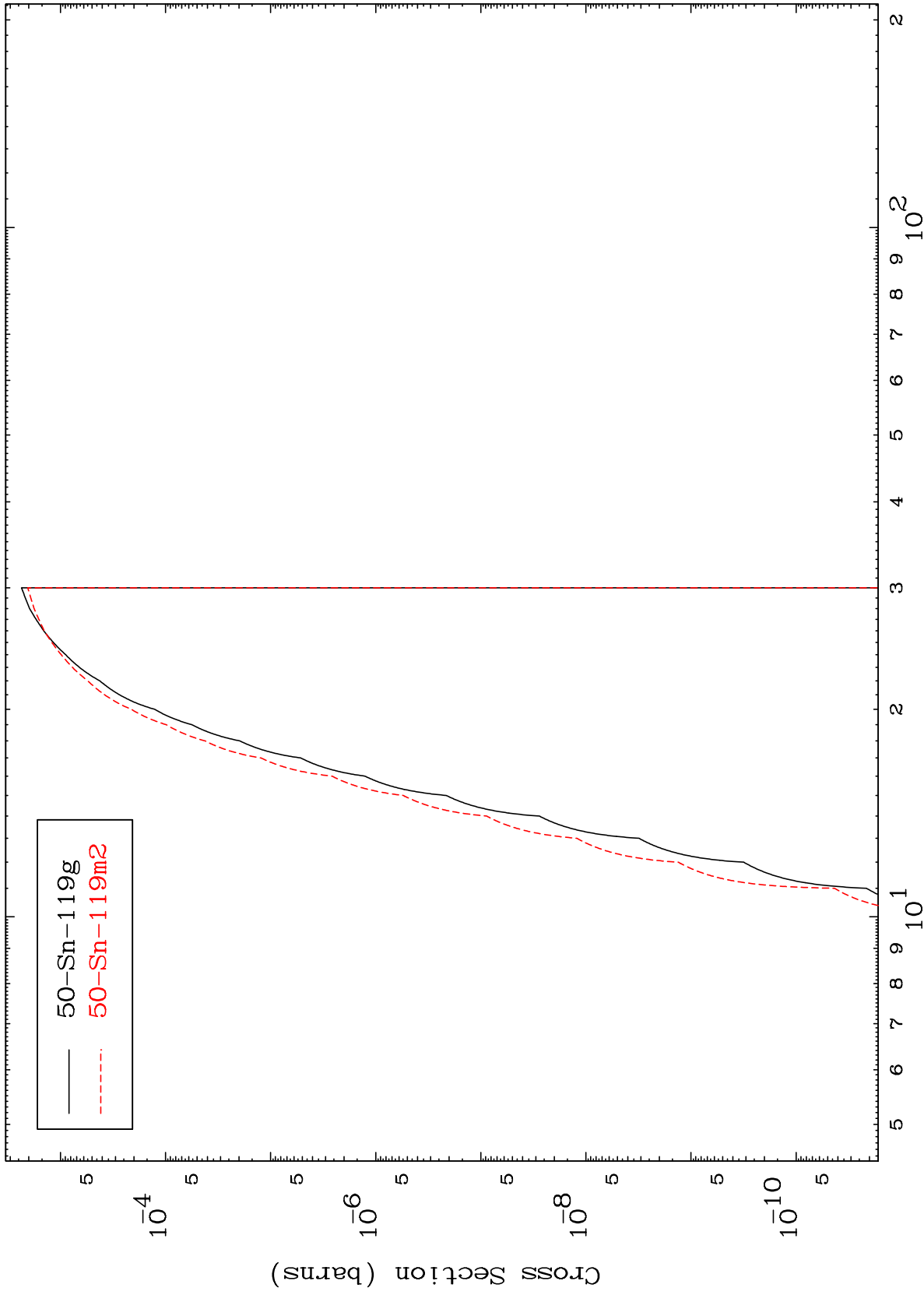
51-Sb-123

MAT 5131

(d,2n) α

51-Sb-123

Radionuclide Production Cross Section



50-Sn-119g
50-Sn-119m2

13

Incident Energy (MeV)

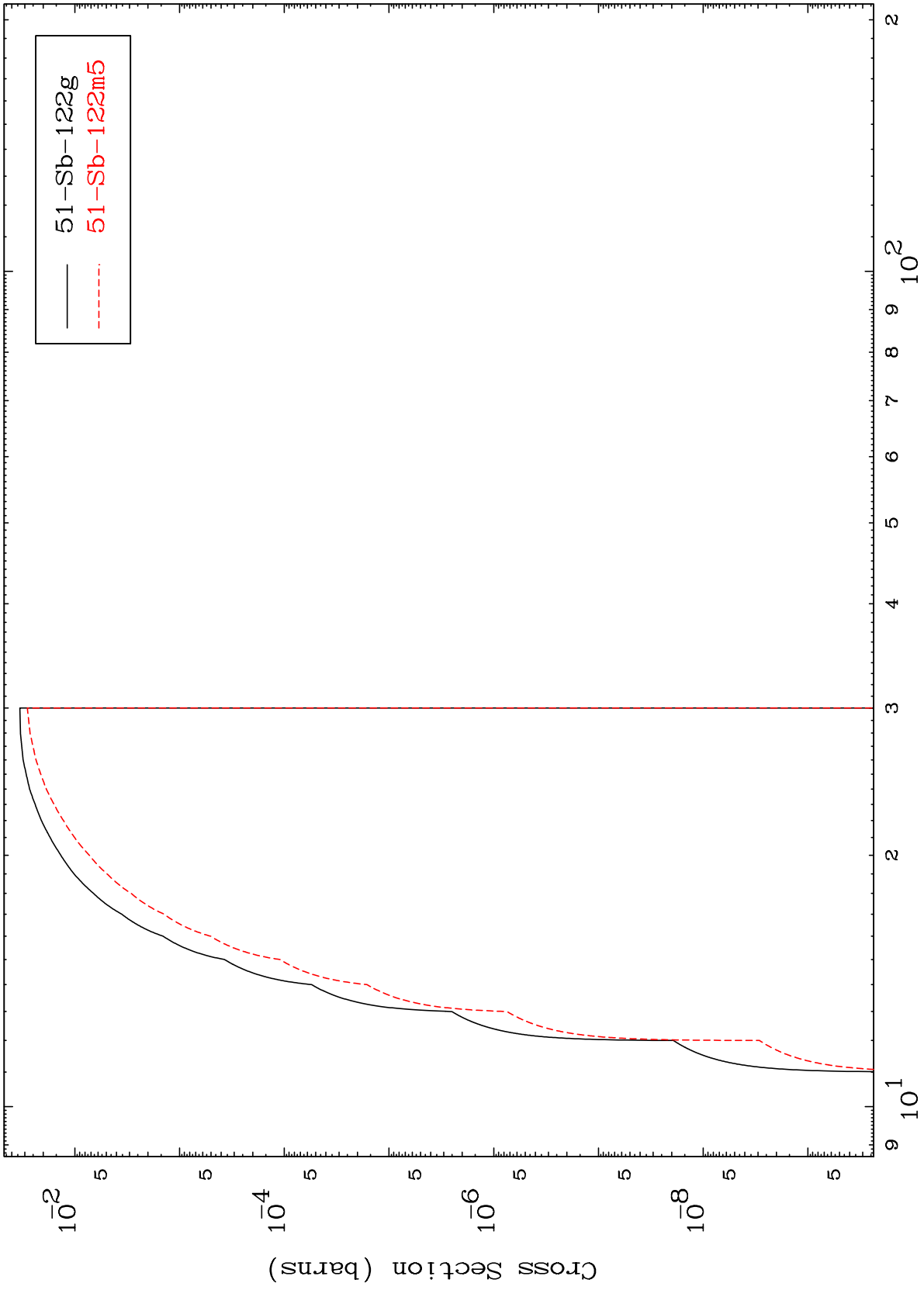
51-Sb-123

MAT 5131

(d,n') d

51-Sb-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

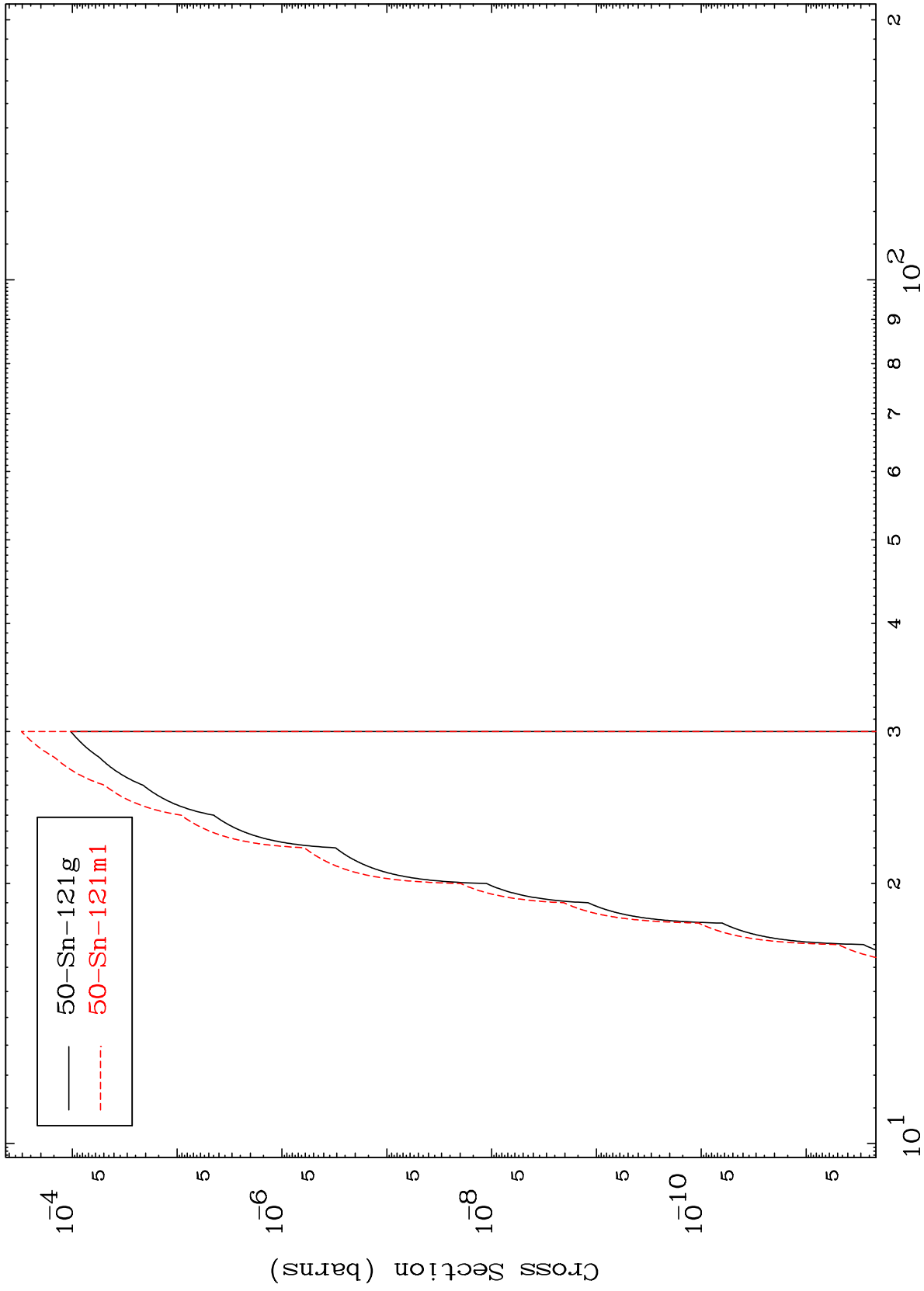
51-Sb-123

MAT 5131

(d,n') He-3

51-Sb-123

Radionuclide Production Cross Section



51-Sb-123

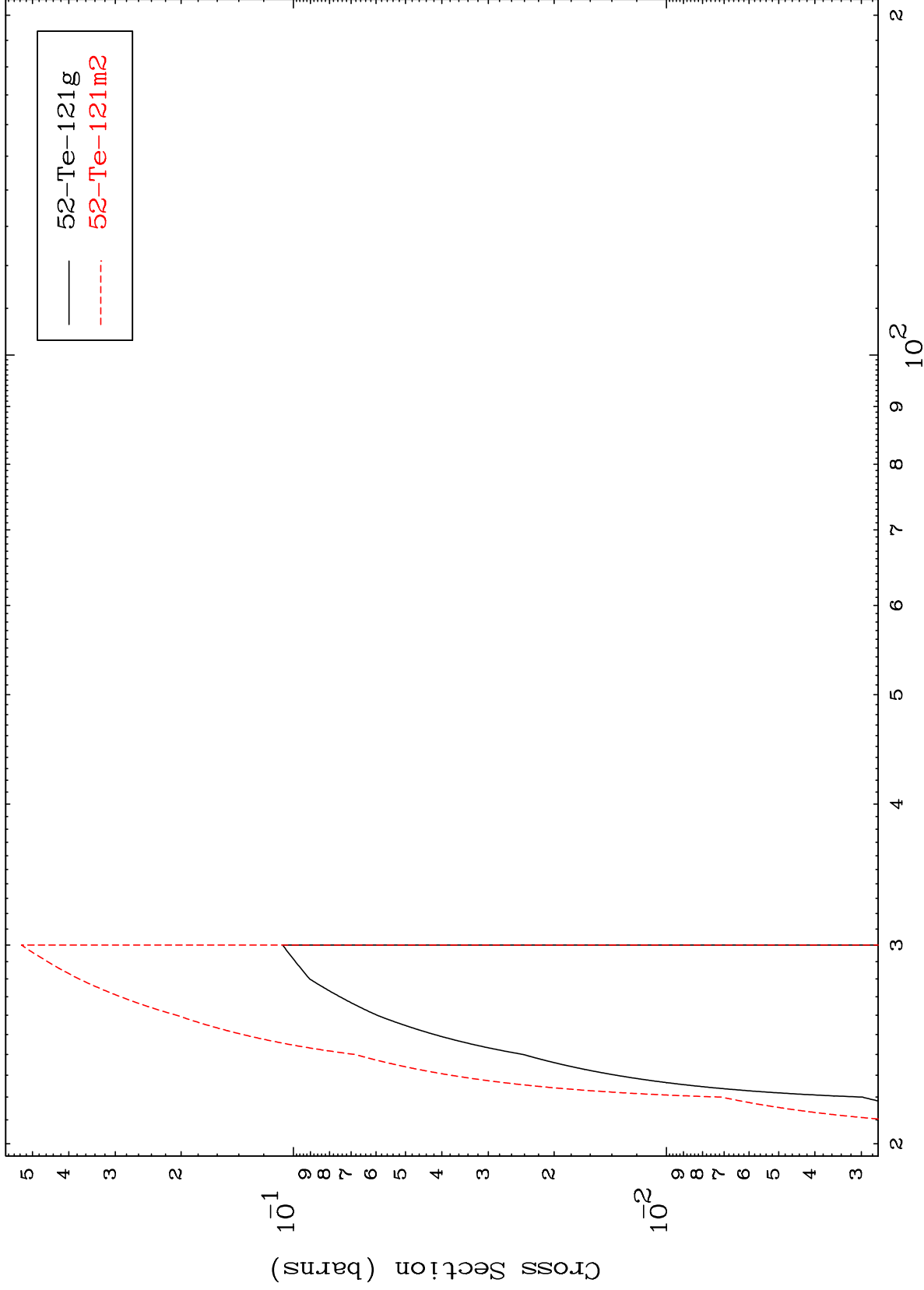
51-Sb-123

MAT 5131

(d,4n)

51-Sb-123

Radionuclide Production Cross Section



16

Incident Energy (MeV)

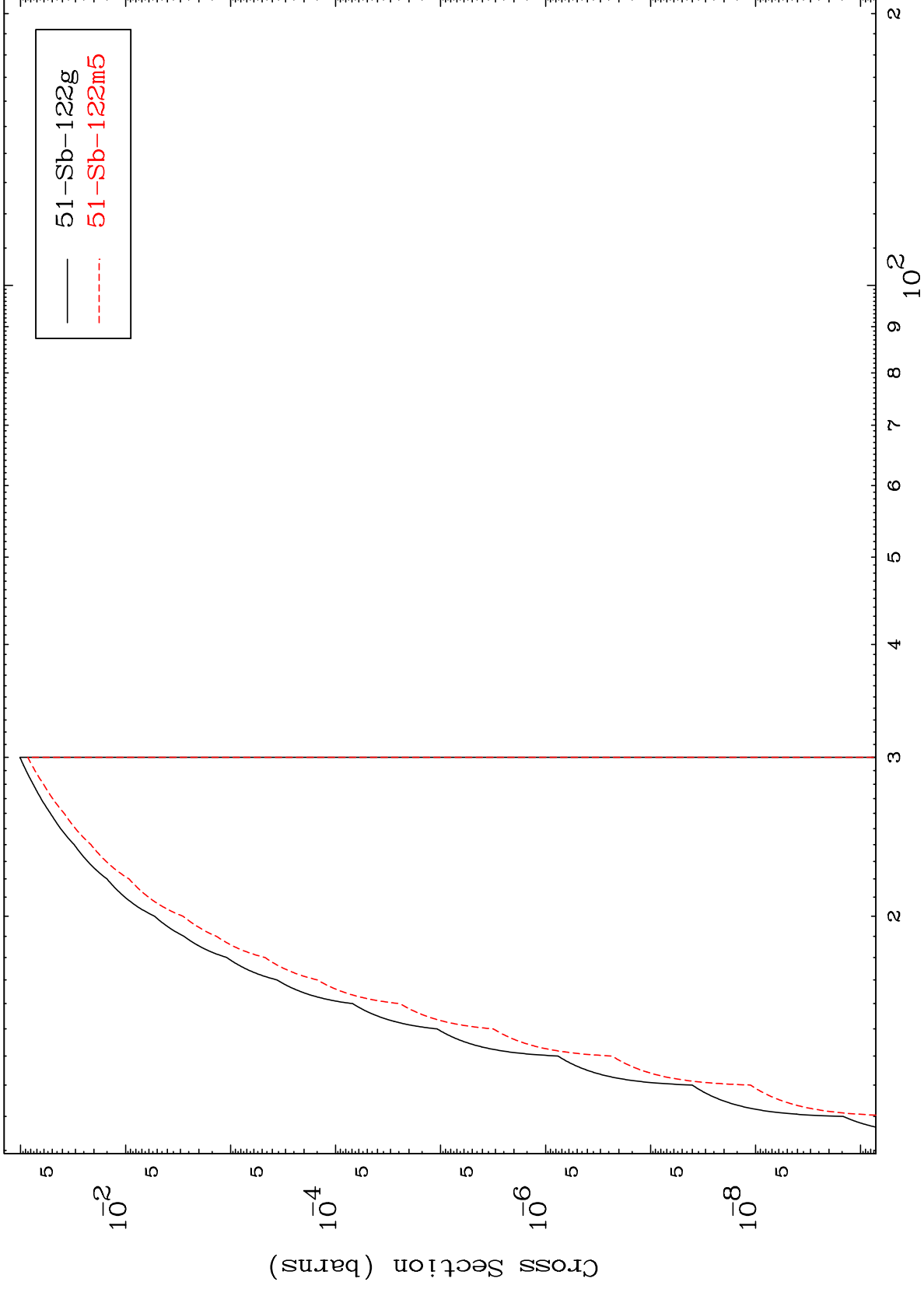
51-Sb-123

MAT 5131

(d,2n) p

51-Sb-123

Radionuclide Production Cross Section



17

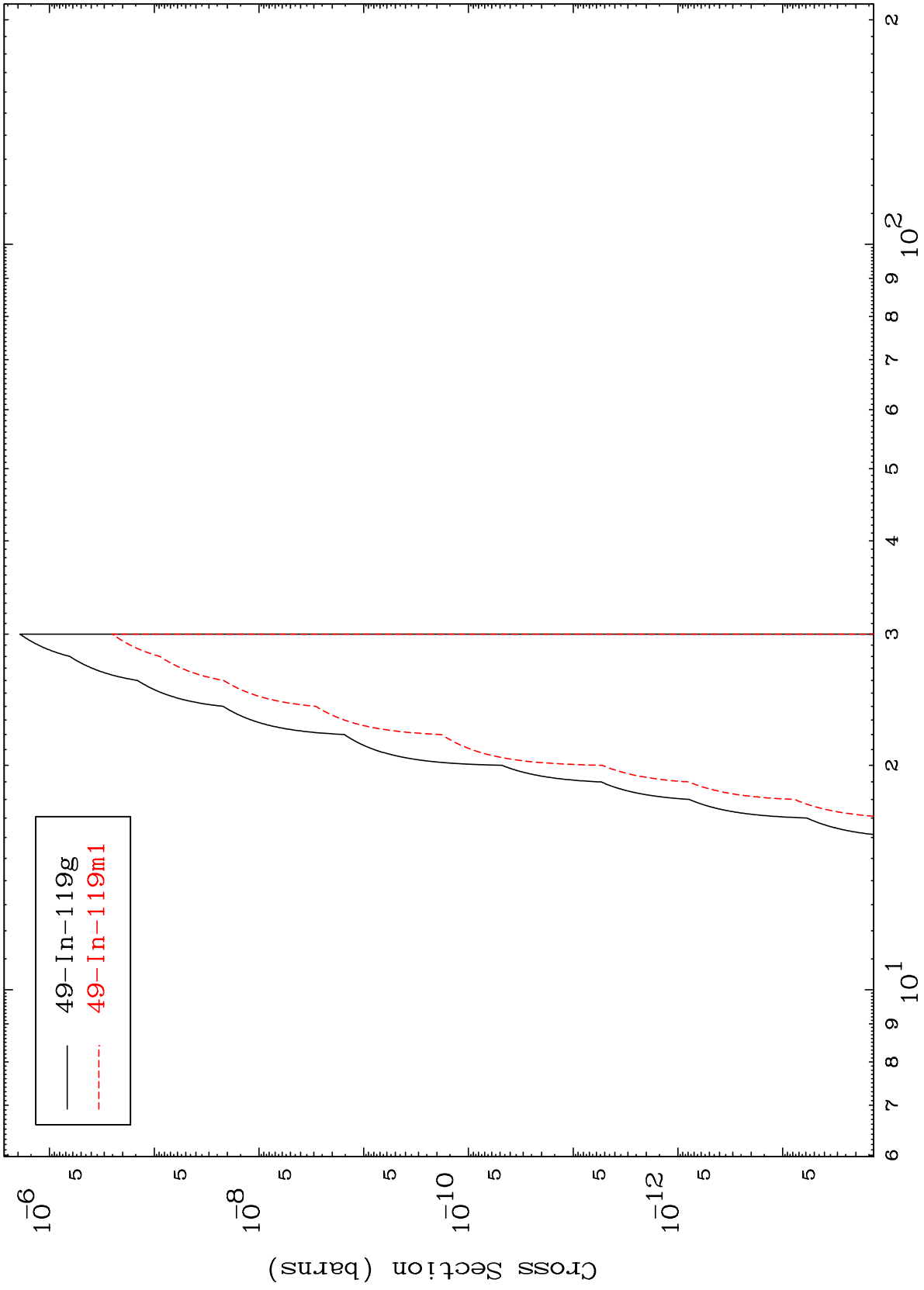
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(d,n') p α
Radionuclide Production Cross Section



18

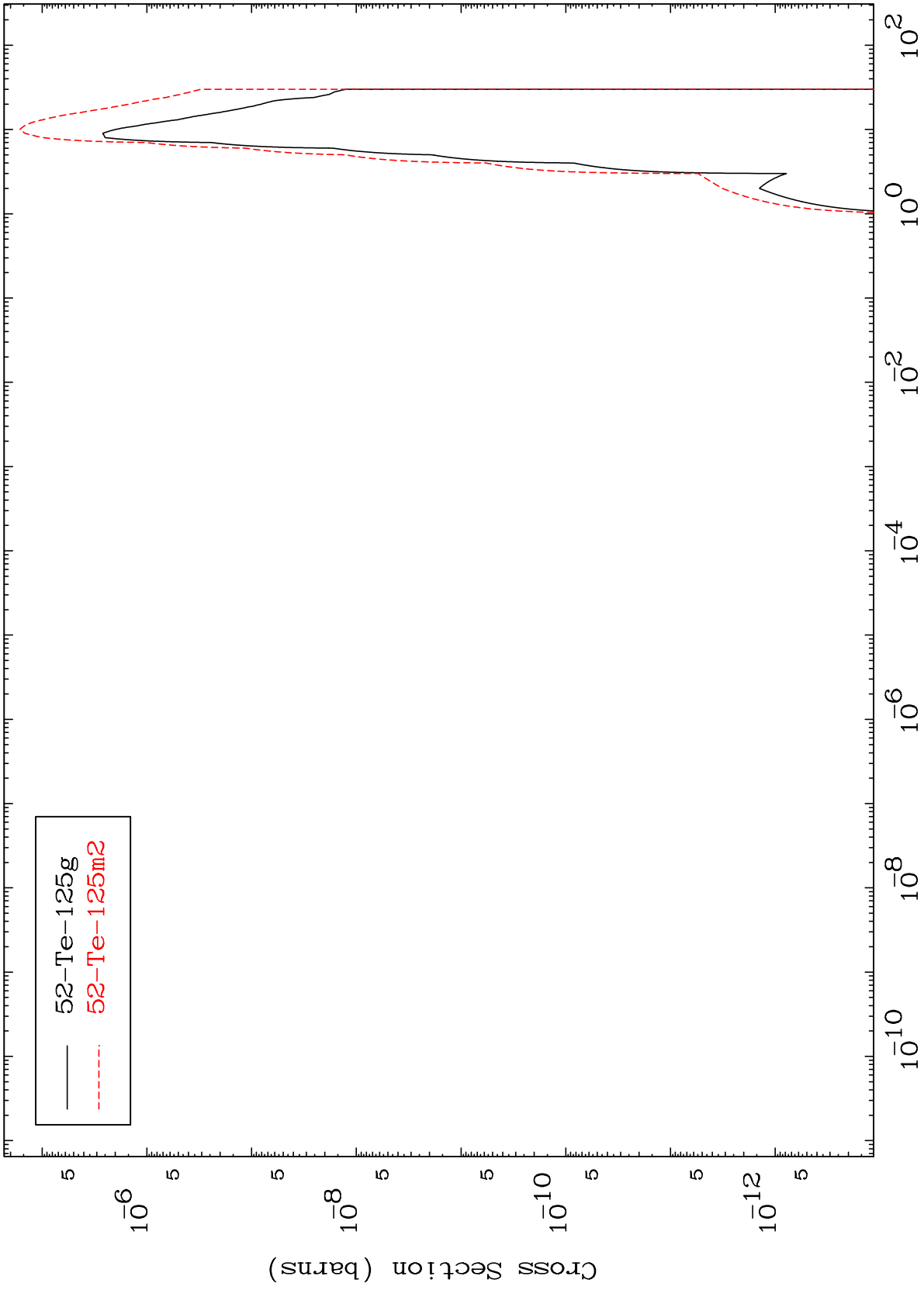
Incident Energy (MeV)

51-Sb-123

MAT 5131

(d,γ)
Radionuclide Production Cross Section

51-Sb-123

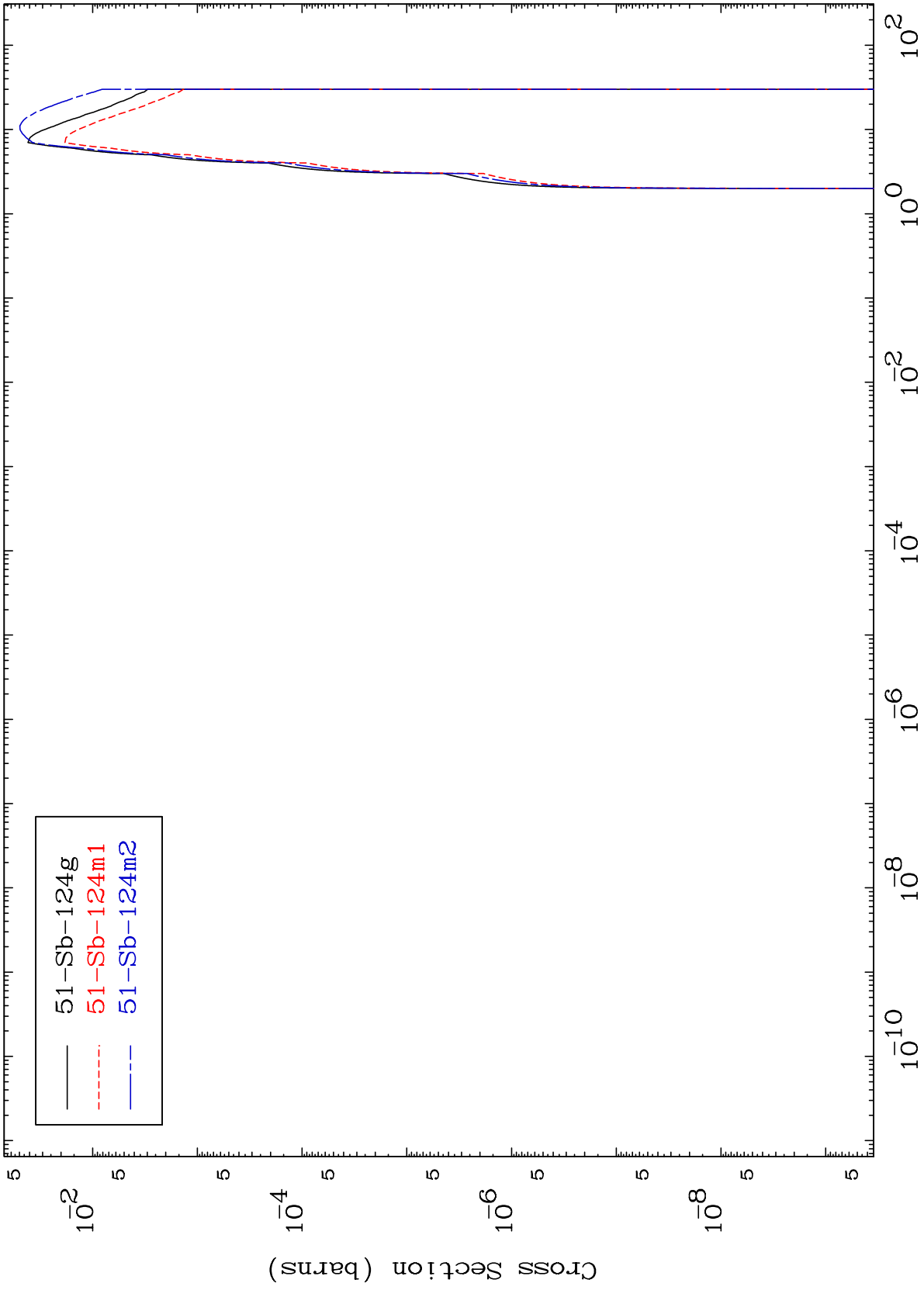


51-Sb-123

MAT 5131

(d,p)
Radionuclide Production Cross Section

51-Sb-123



20

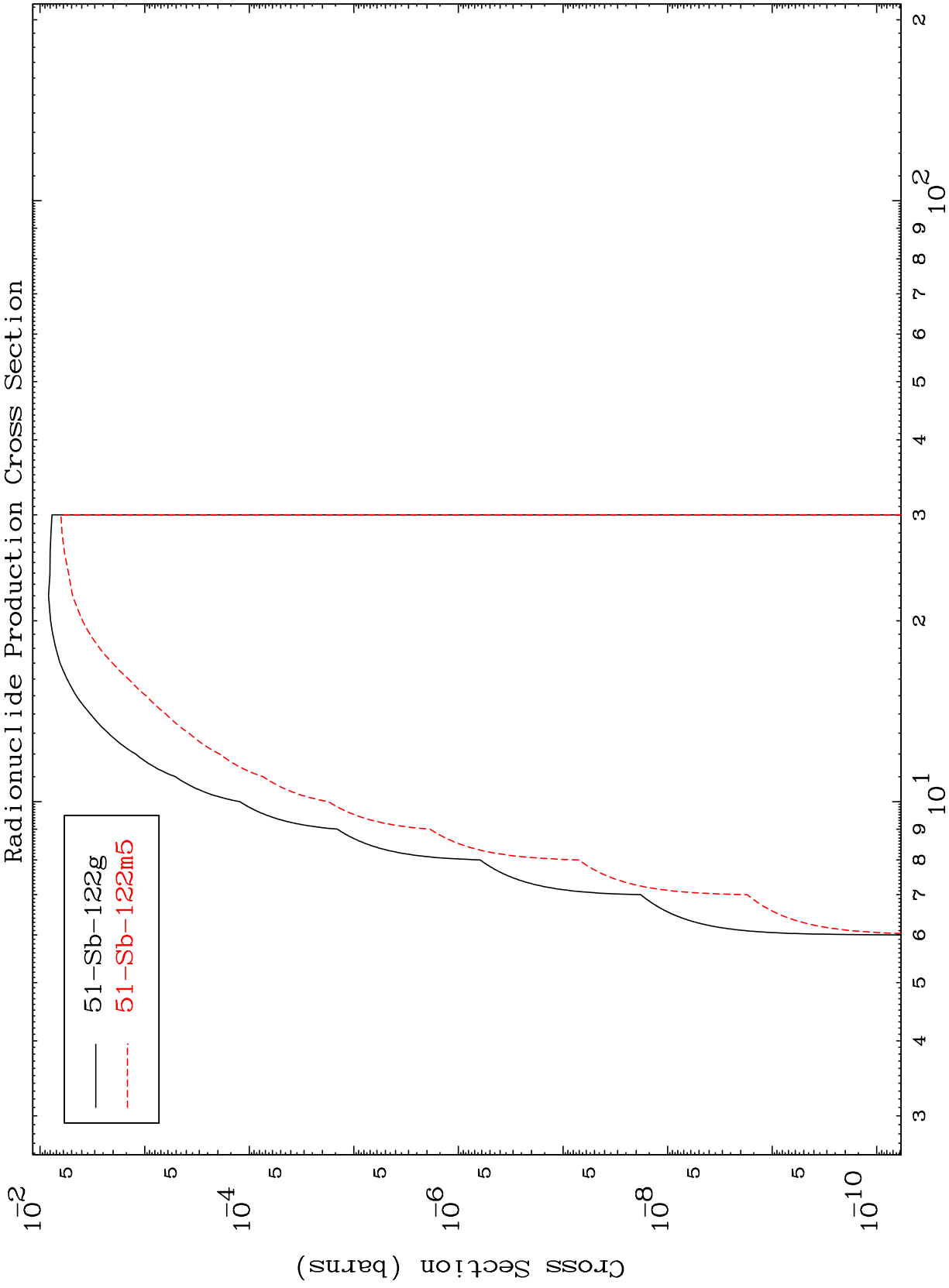
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(d, t)
Radionuclide Production Cross Section



21

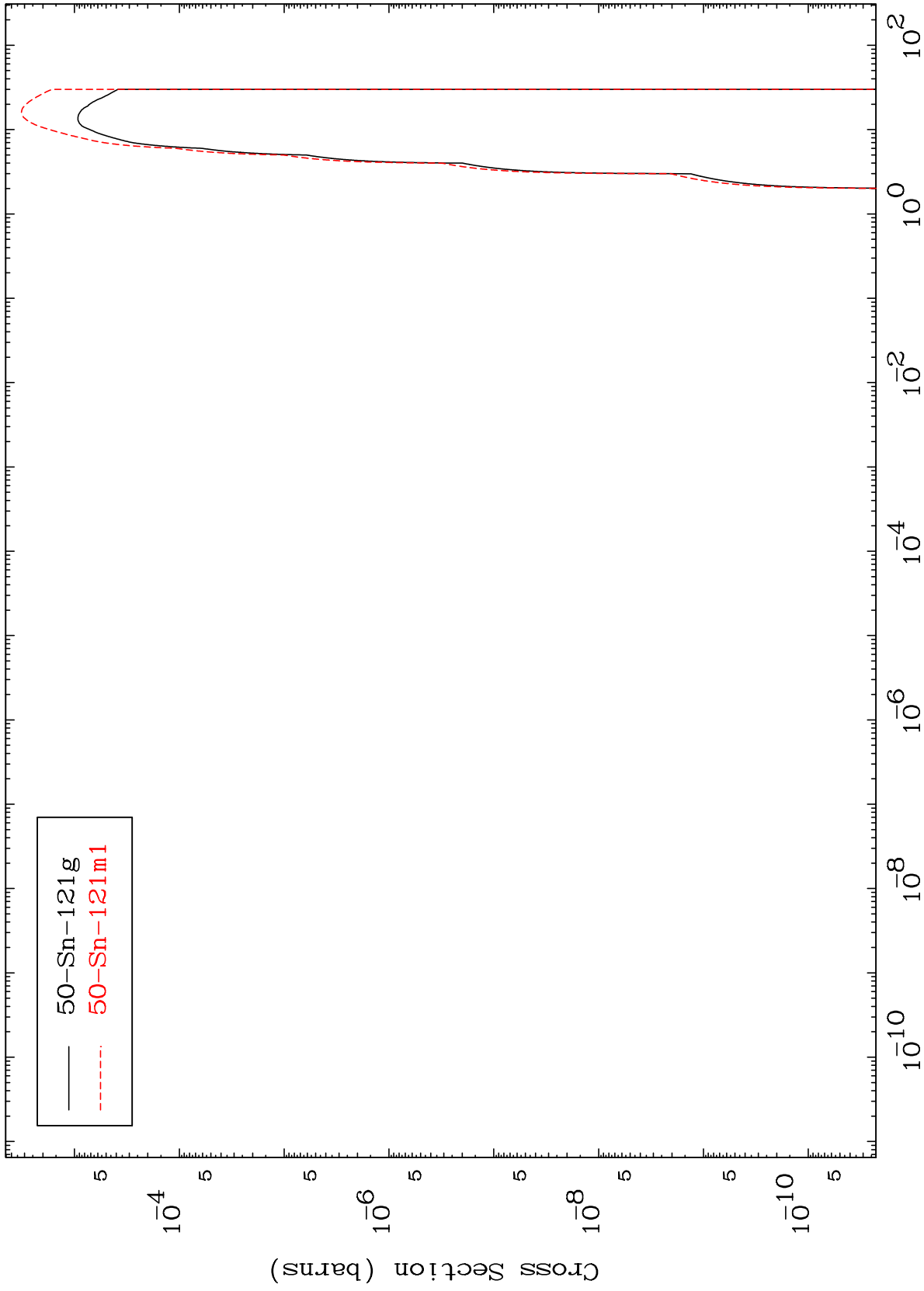
51-Sb-123

MAT 5131

(d, α)

51-Sb-123

Radionuclide Production Cross Section



22

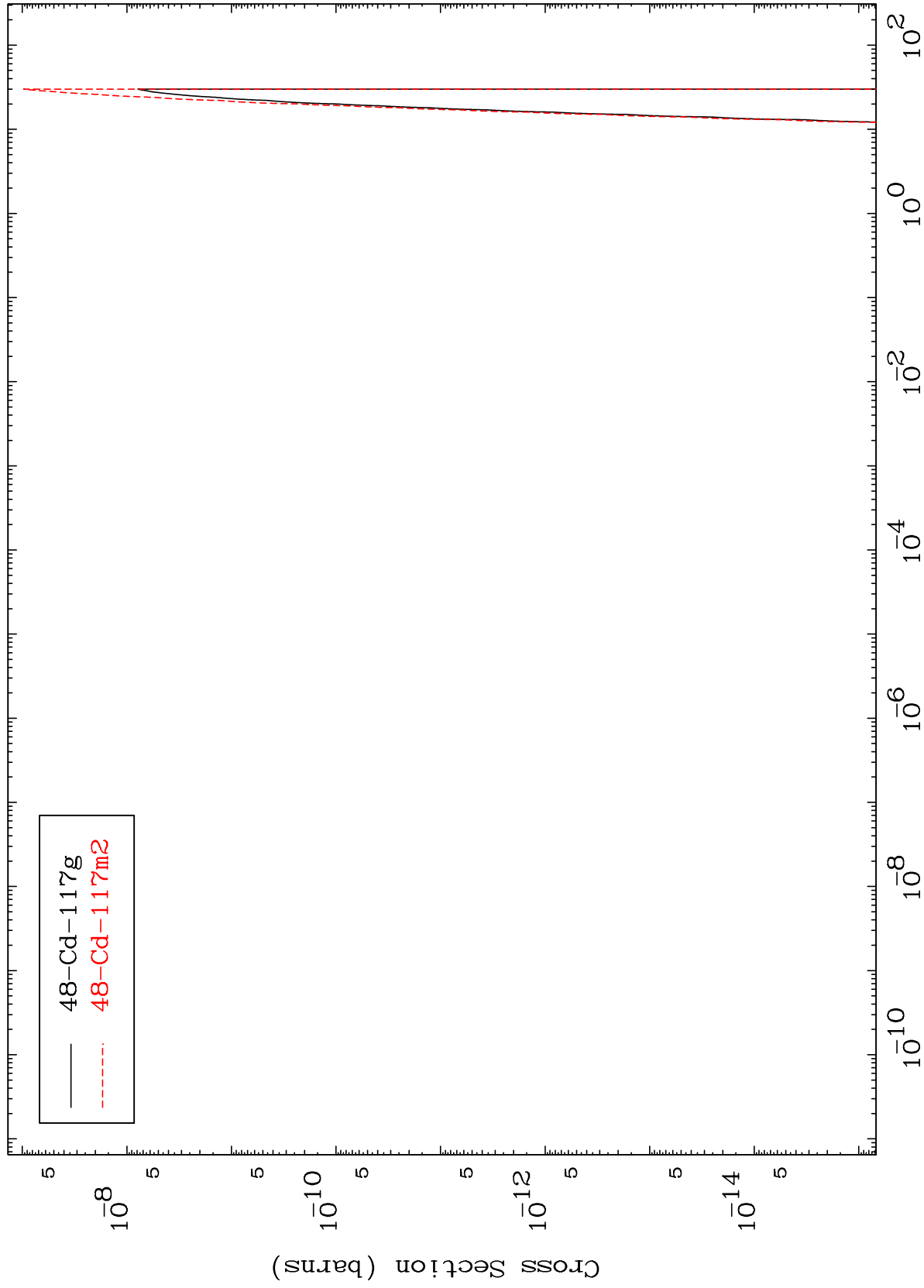
Incident Energy (MeV)

51-Sb-123

MAT 5131

Radionuclide Production Cross Section
(d,2α)

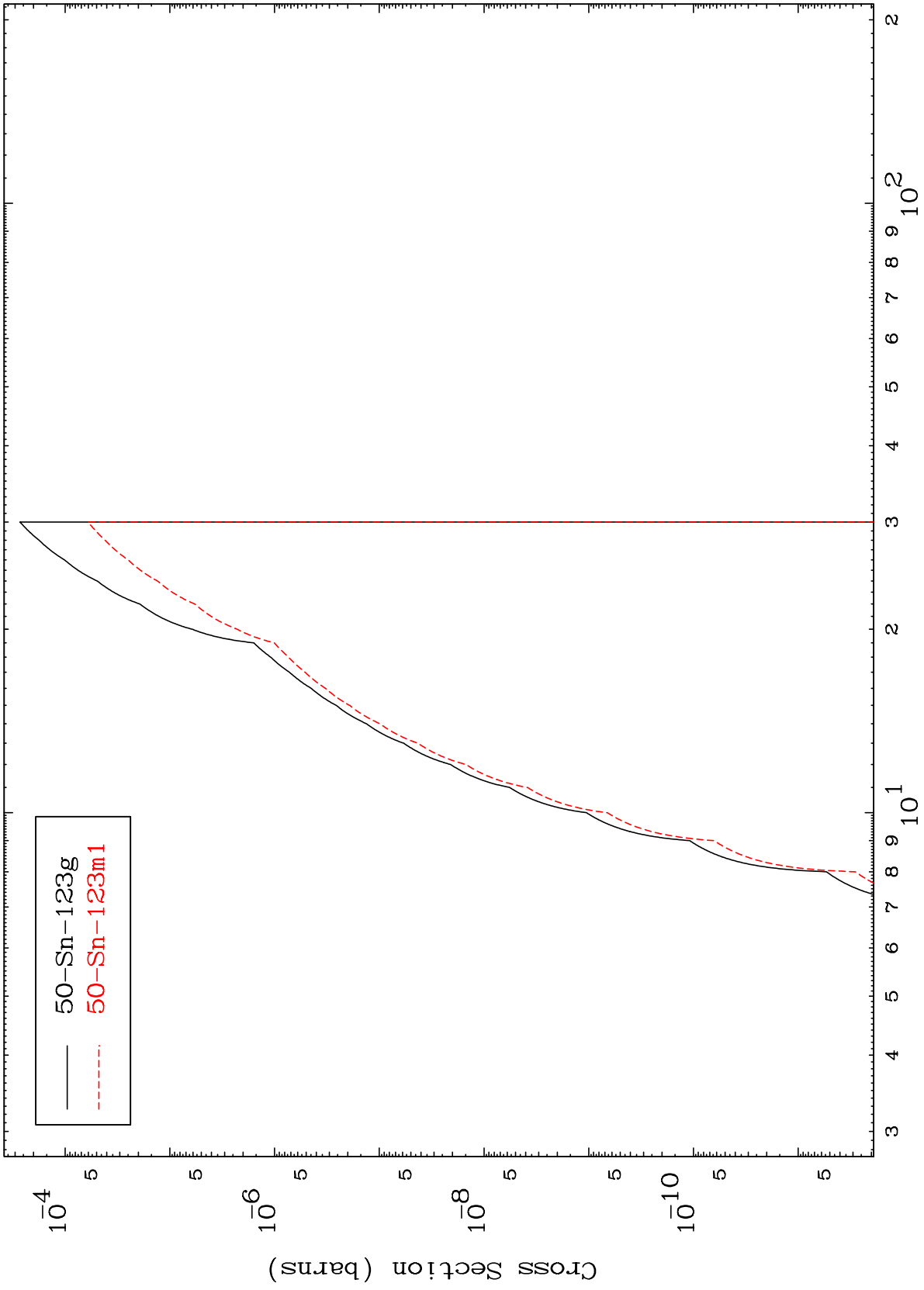
51-Sb-123



MAT 5131

51-Sb-123

(d,2p)
Radionuclide Production Cross Section



24

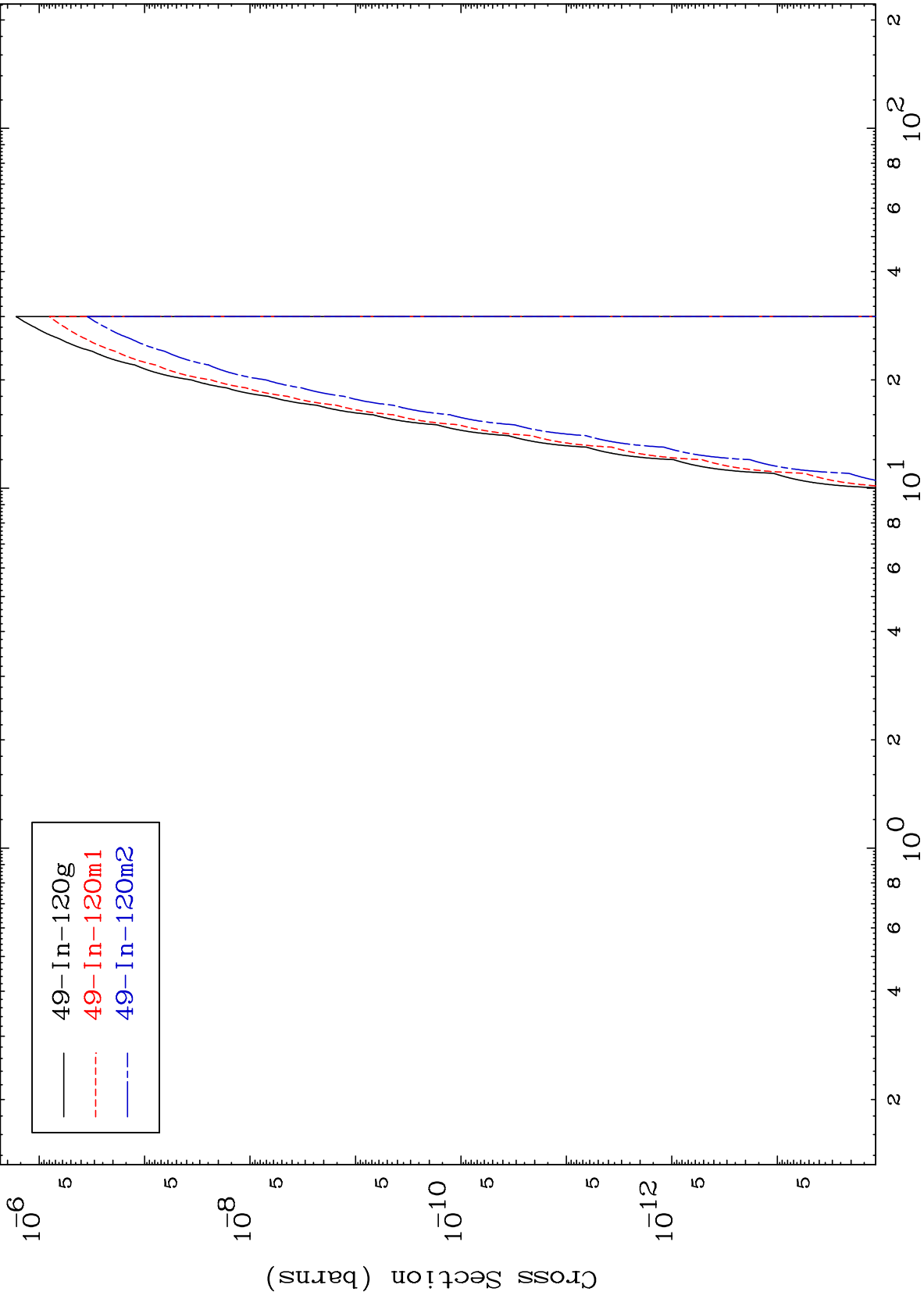
51-Sb-123

MAT 5131

(d,p) α

51-Sb-123

Radionuclide Production Cross Section



25

Incident Energy (MeV)

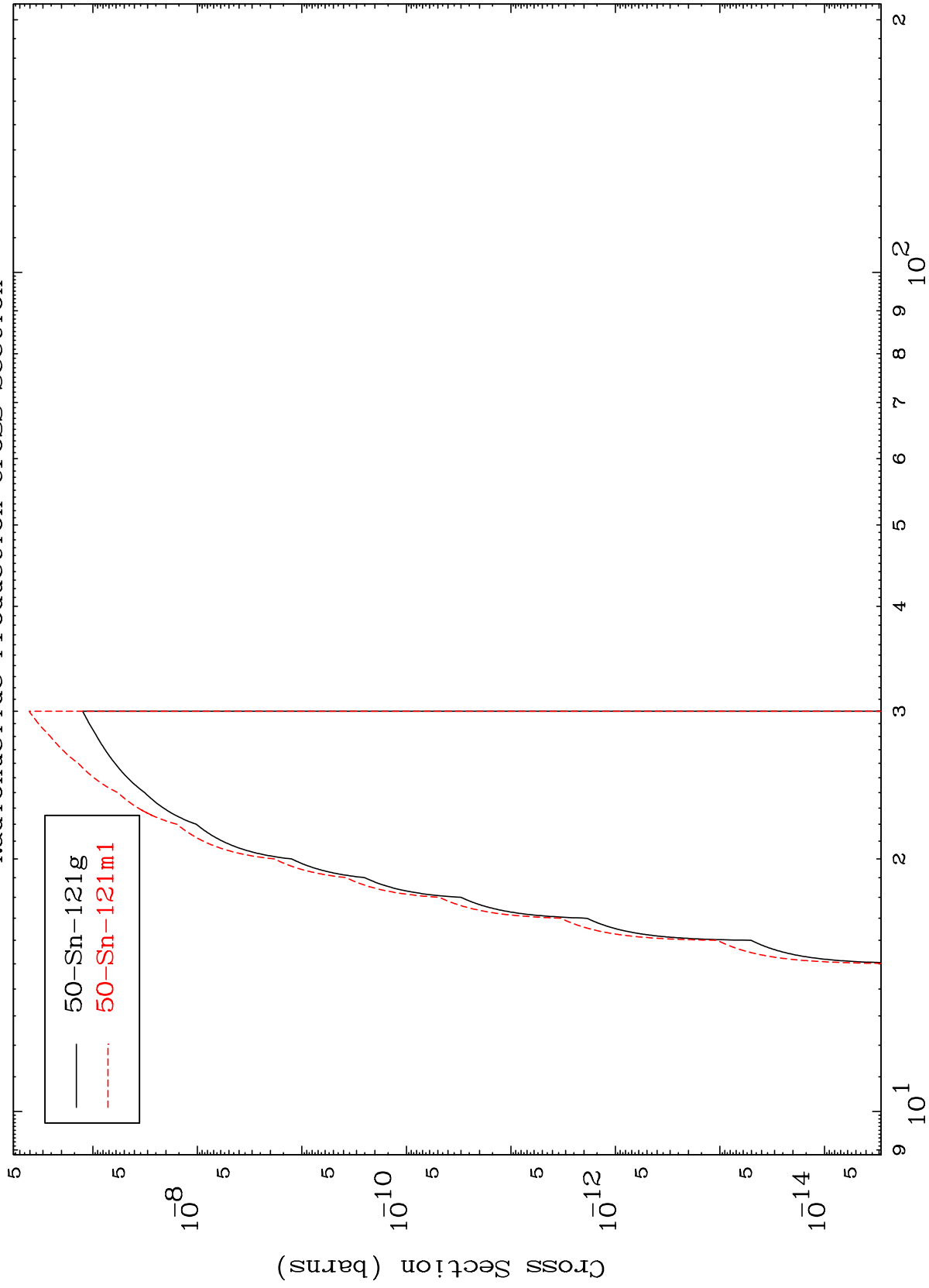
51-Sb-123

MAT 5131

(d,p) t

51-Sb-123

Radionuclide Production Cross Section



26

Incident Energy (MeV)

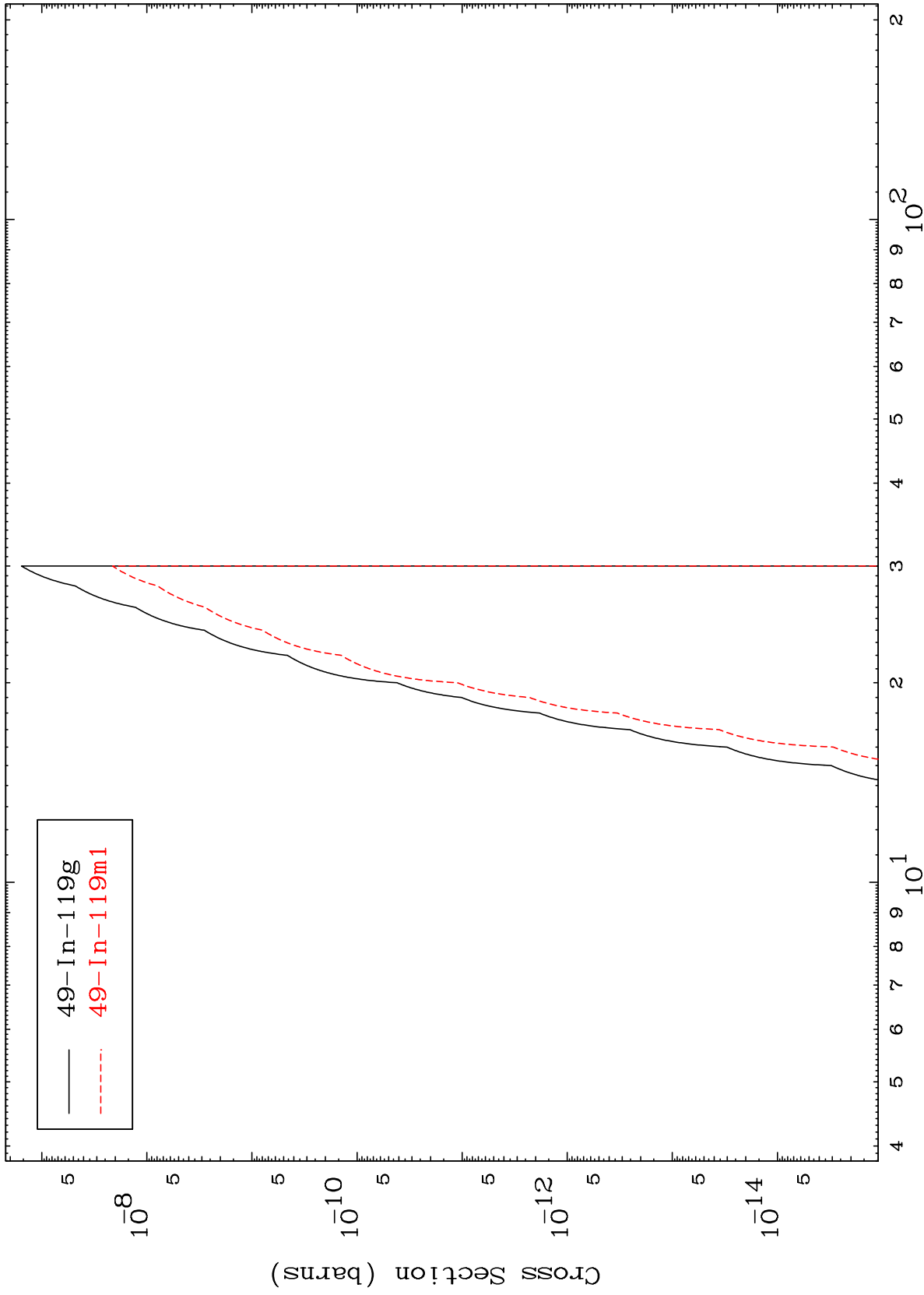
51-Sb-123

MAT 5131

(d,d) α

51-Sb-123

Radionuclide Production Cross Section



27

Incident Energy (MeV)

51-Sb-123