

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

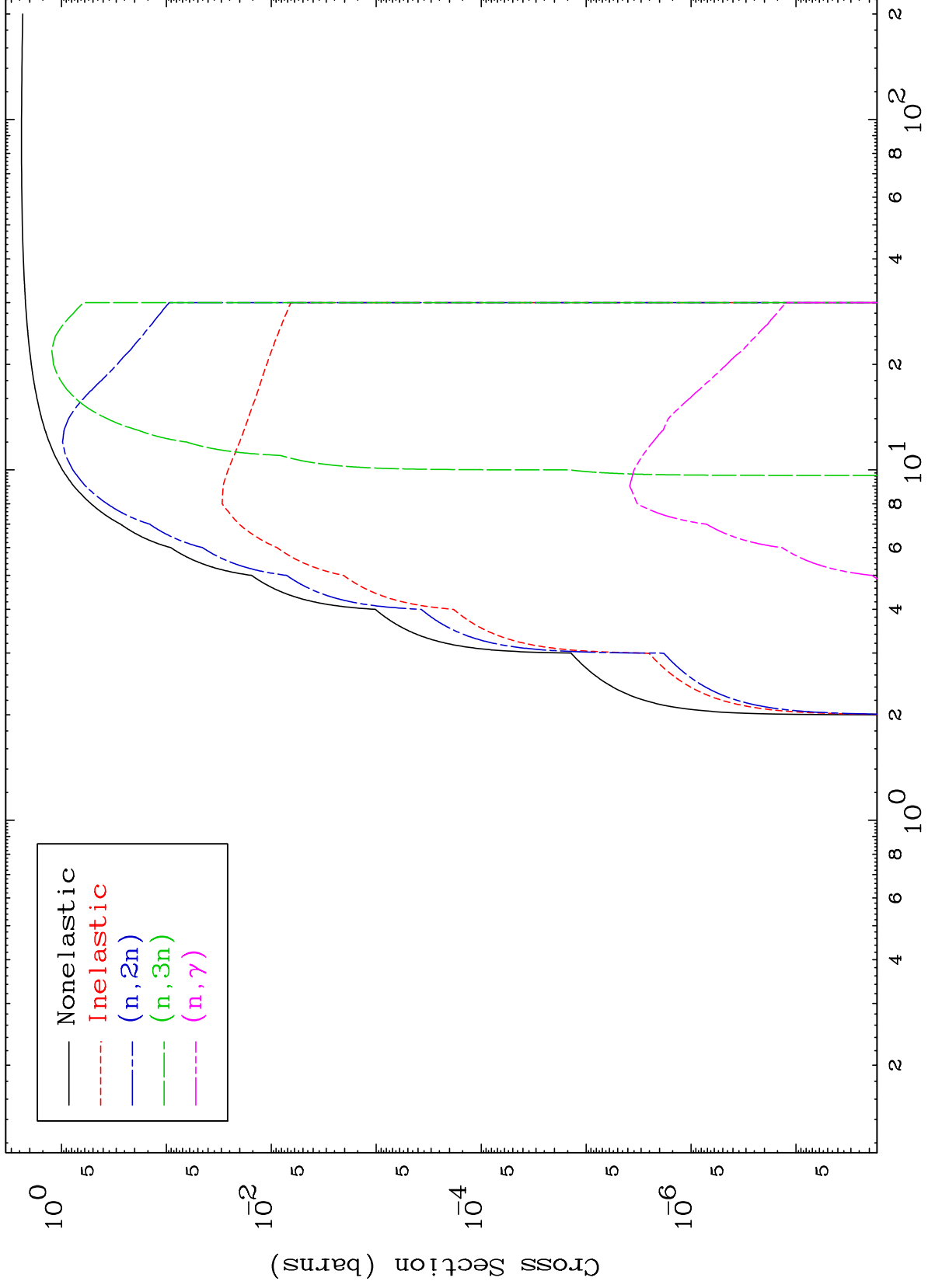
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

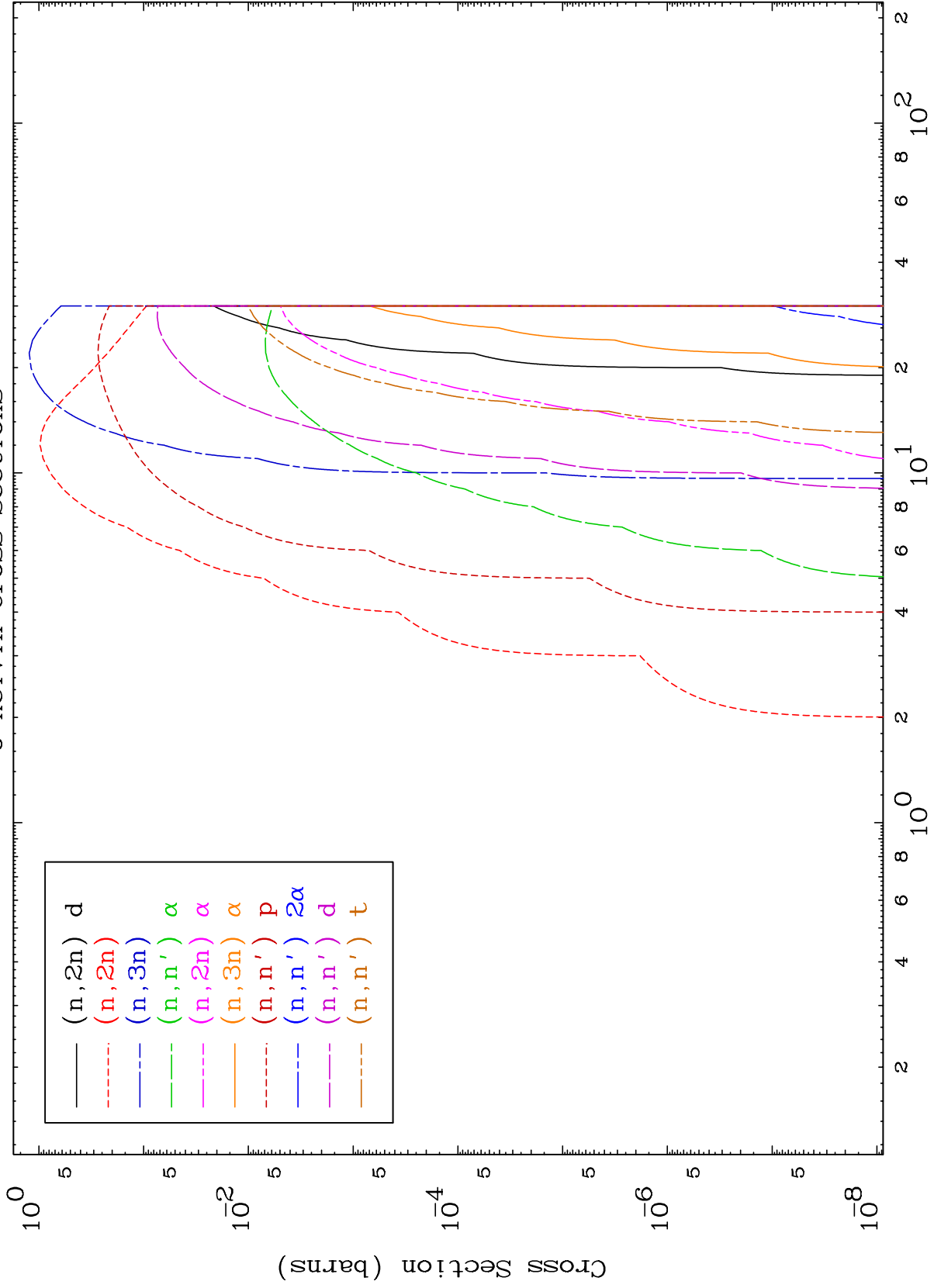
Press Mouse Button to Start



MAT 5136

Deuteron Neutron Absorption
0 Kelvin Cross Sections

51-Sb-124n



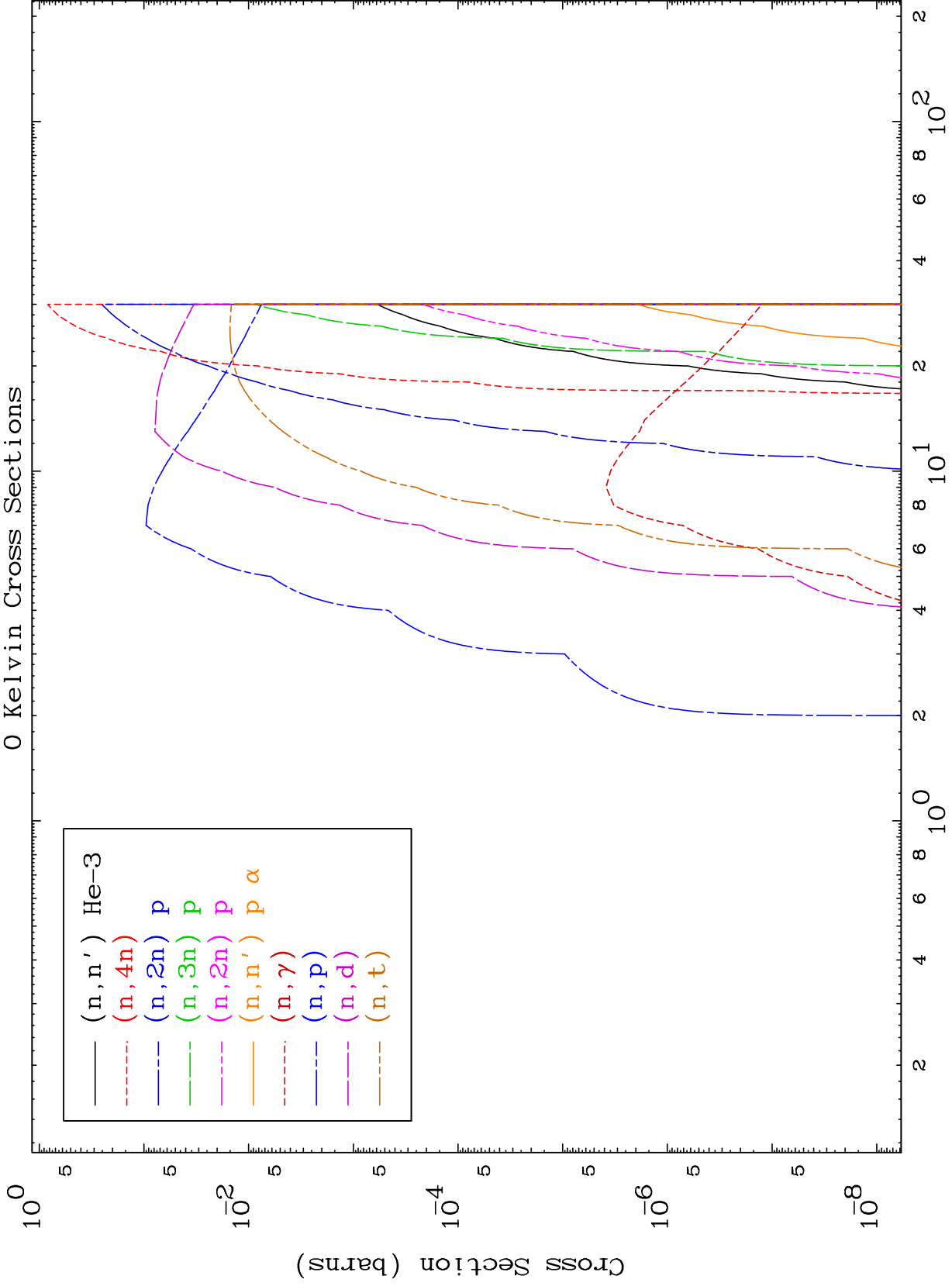
51-Sb-124n

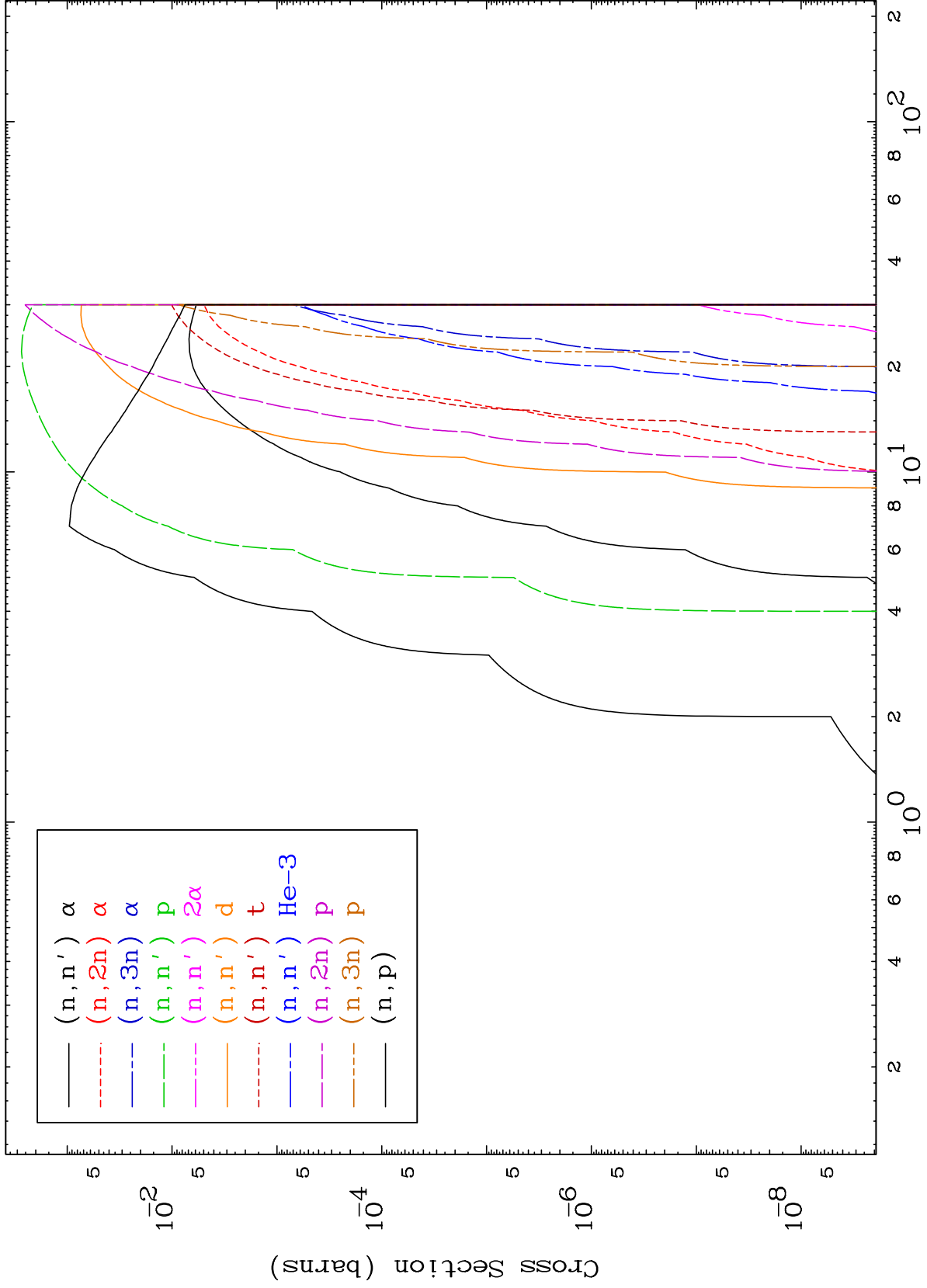
Incident Energy (MeV)

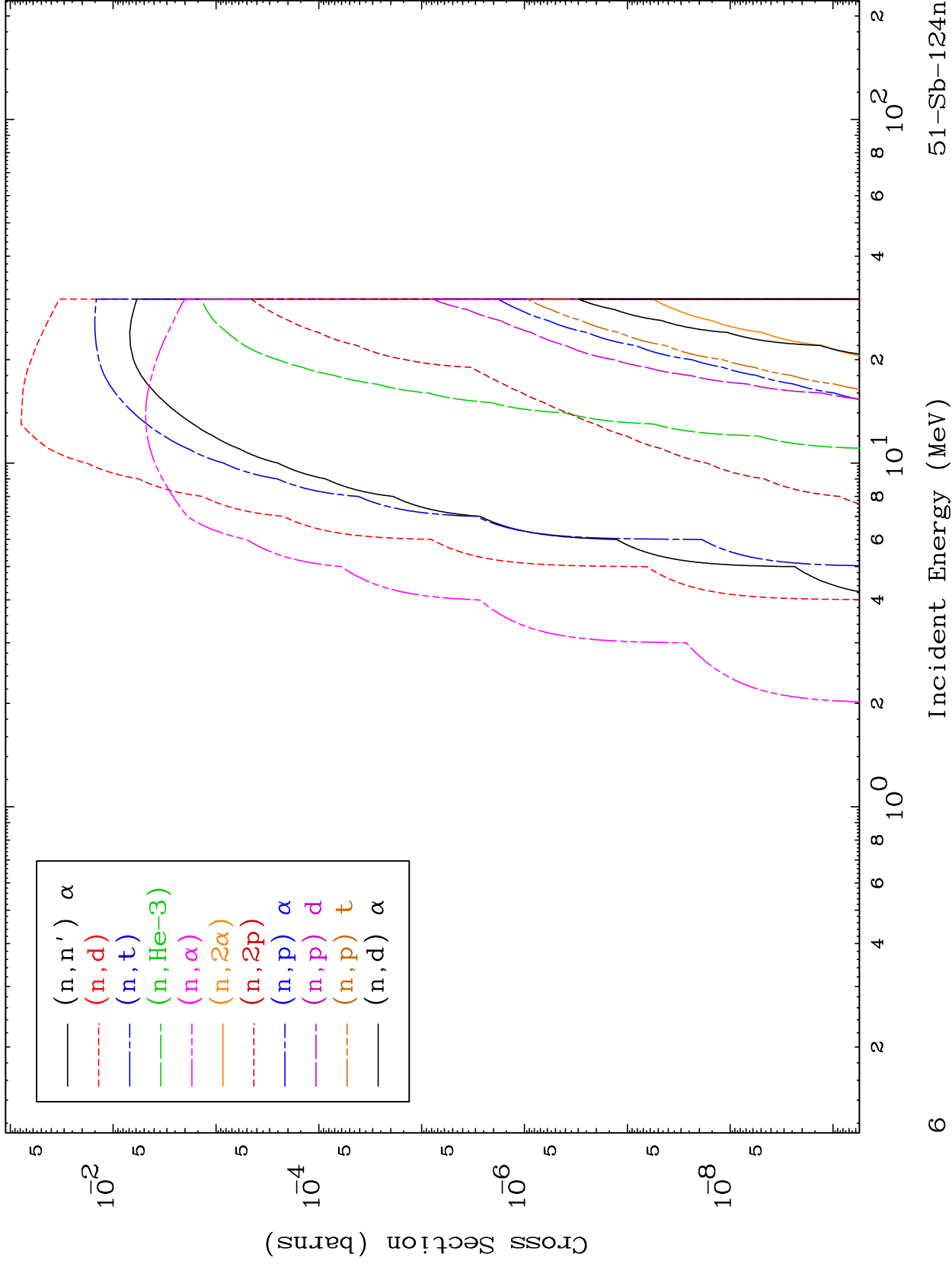
MAT 5136

Deuteron Neutron Absorption
0 Kelvin Cross Sections

51-Sb-124n



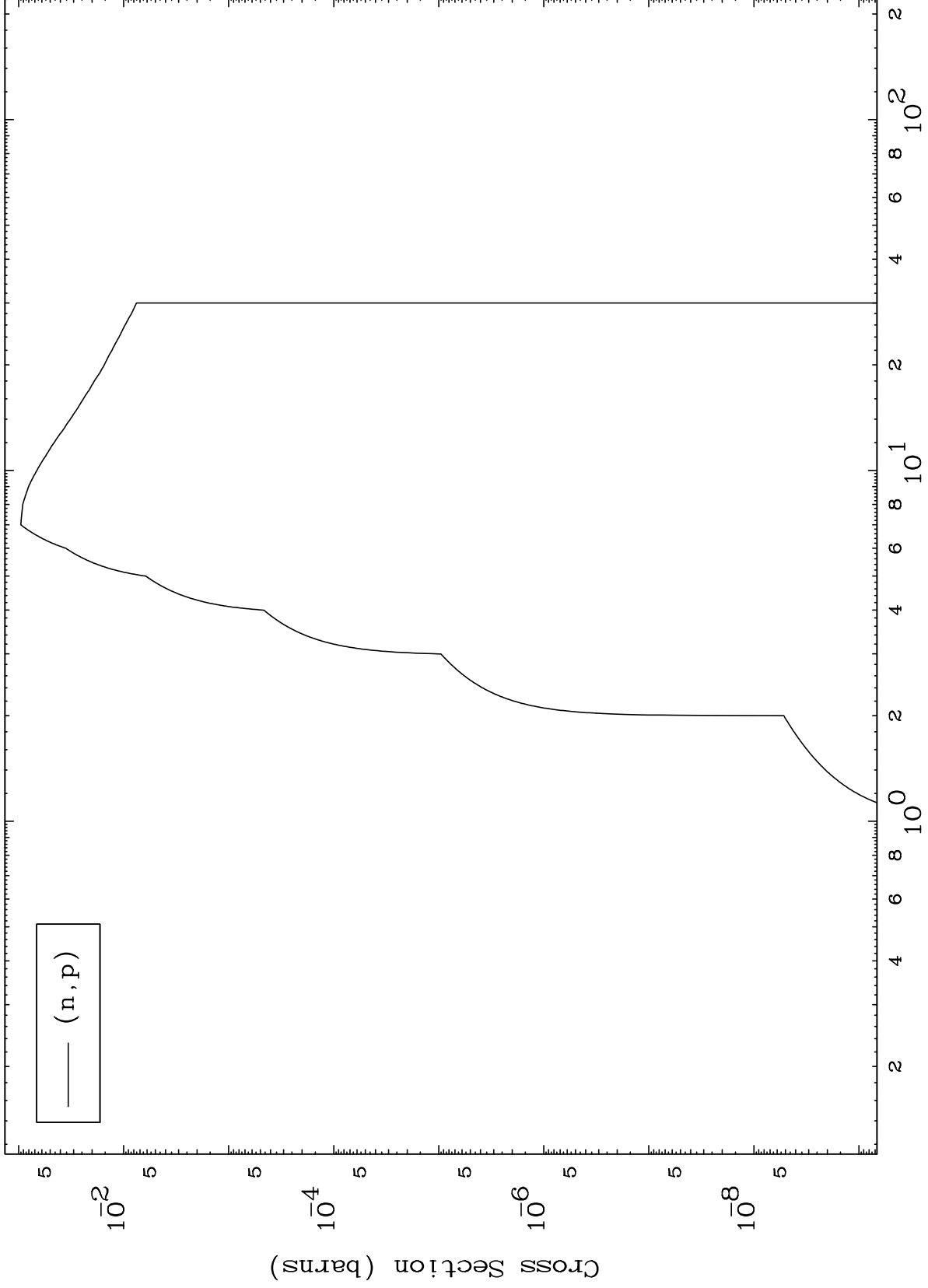




MAT 5136

(d,p) Levels
0 Kelvin Cross Sections

51-Sb-124n

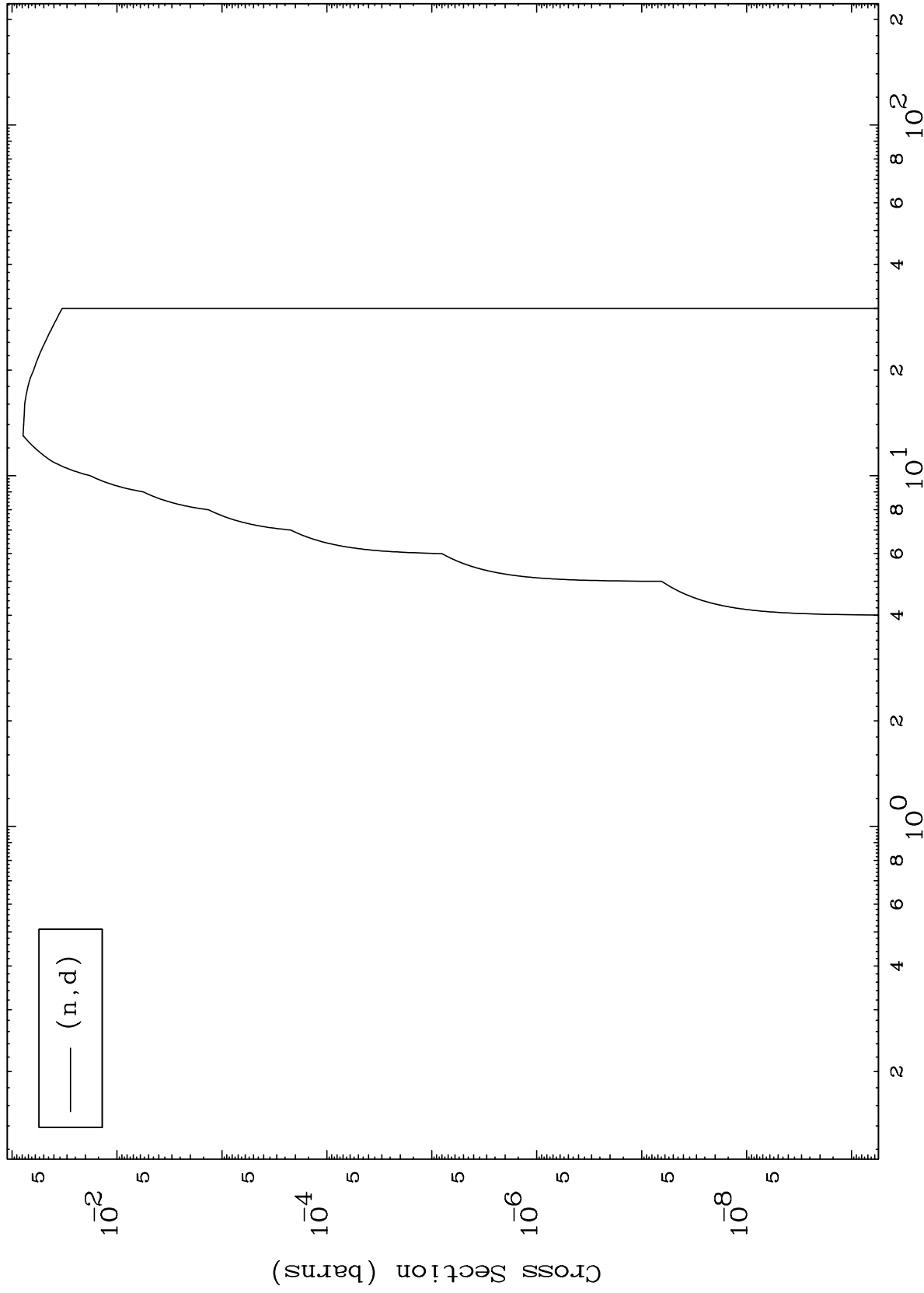


MAT 5136

(d,d) Levels

0 Kelvin Cross Sections

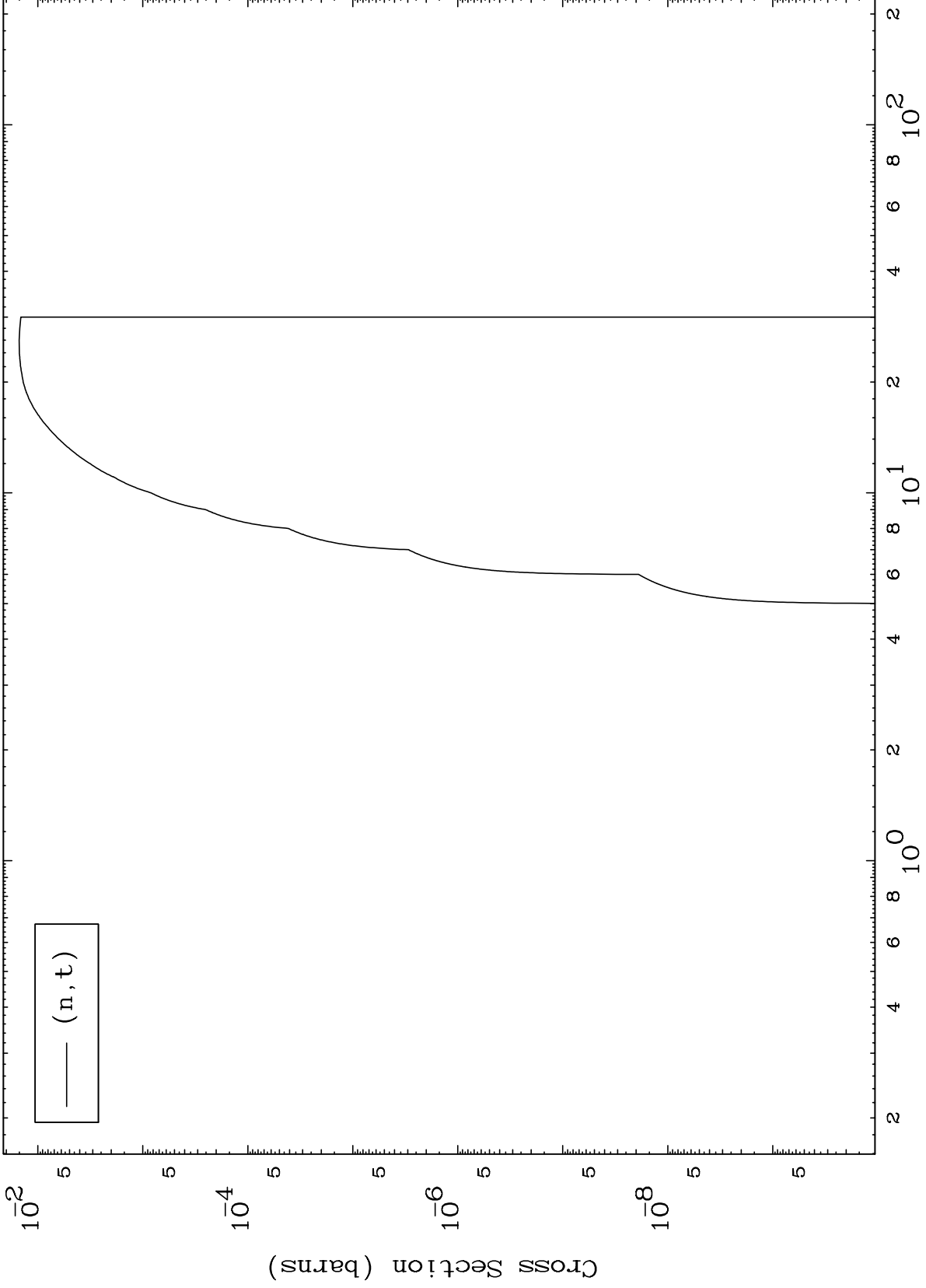
51-Sb-124n



MAT 5136

(d, t) Levels
0 Kelvin Cross Sections

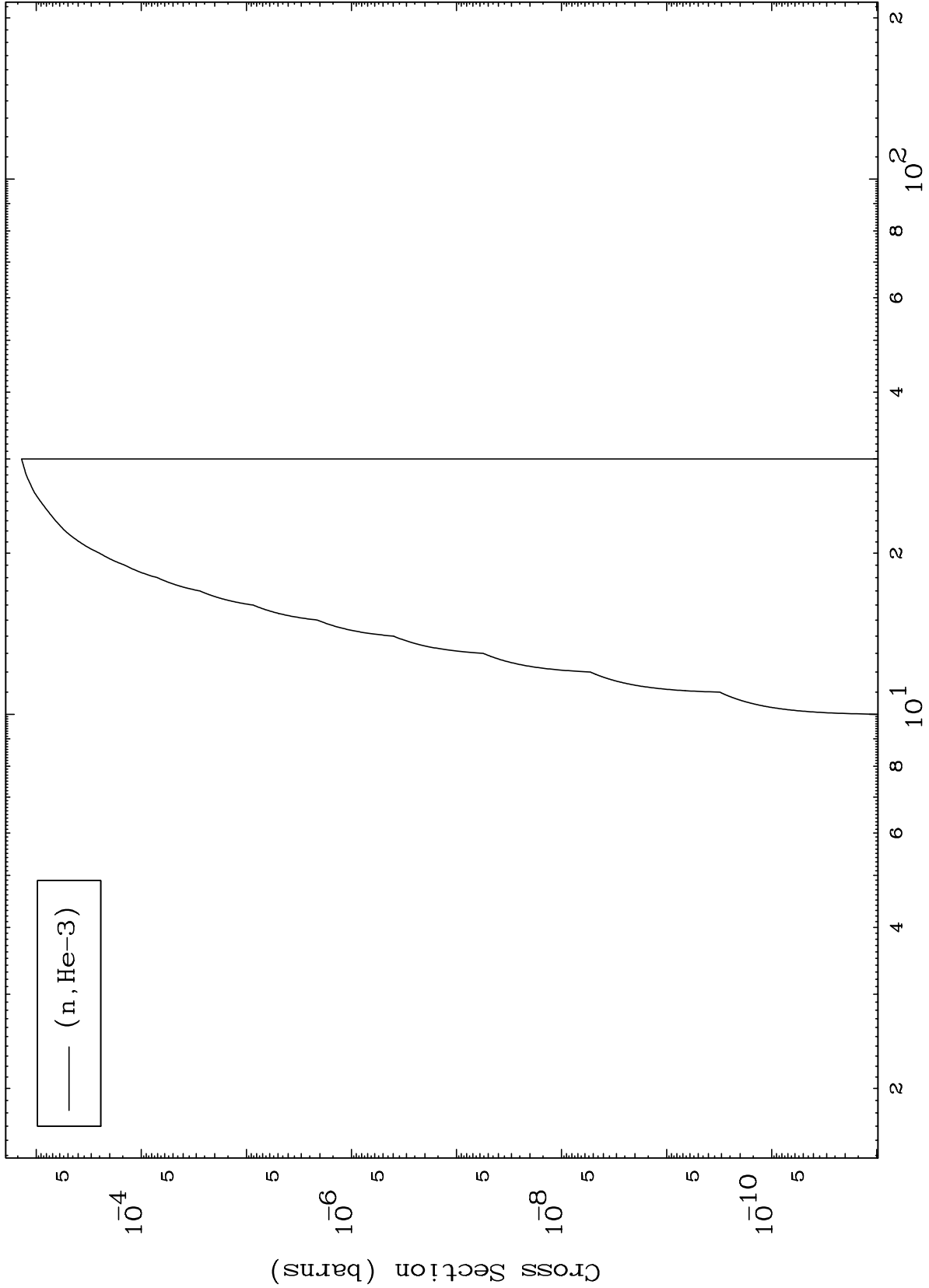
51-Sb-124n



MAT 5136

(d,He3) Levels
0 Kelvin Cross Sections

51-Sb-124n



10

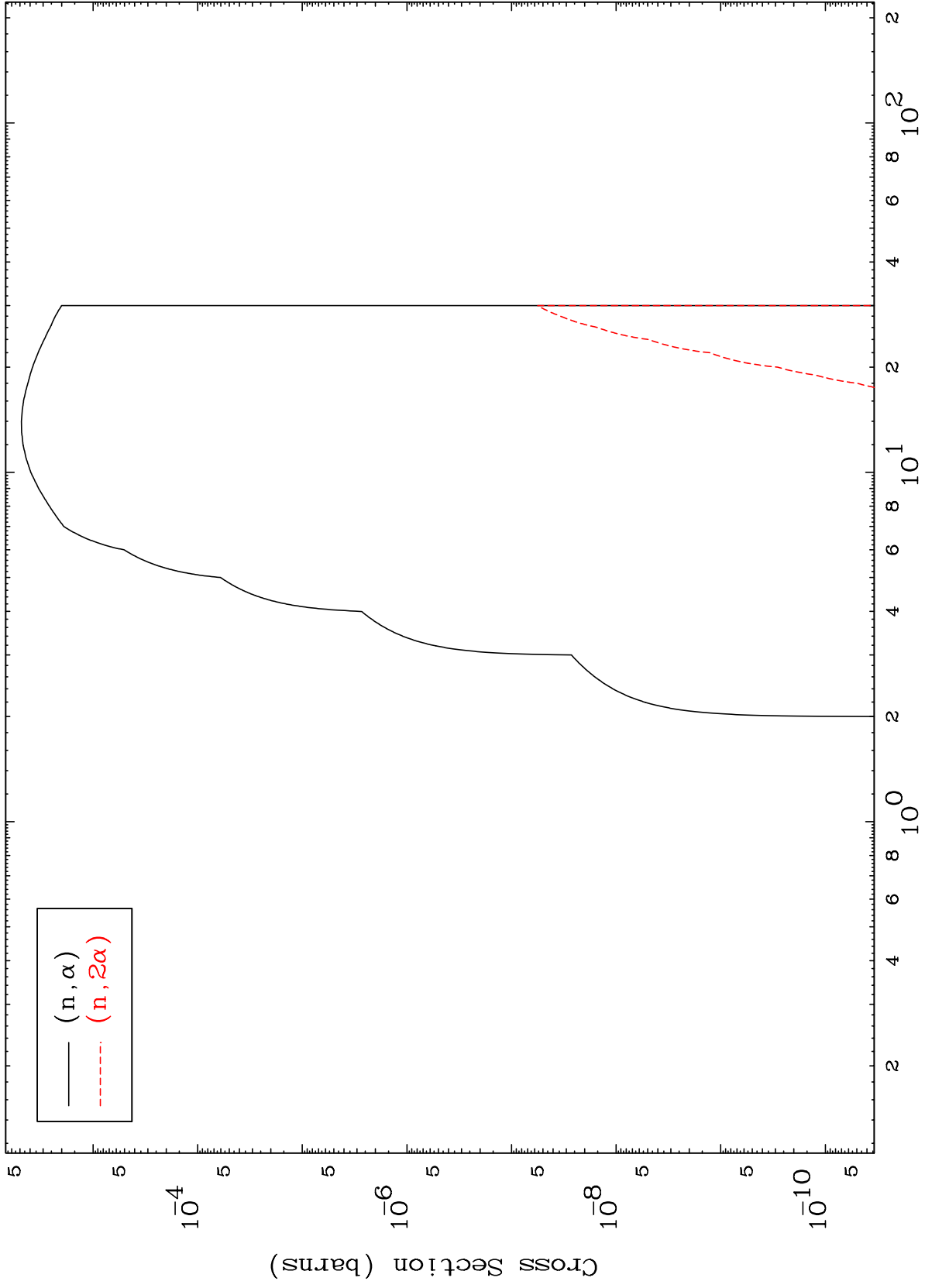
Incident Energy (MeV)

51-Sb-124n

MAT 5136

(d, α) Levels
0 Kelvin Cross Sections

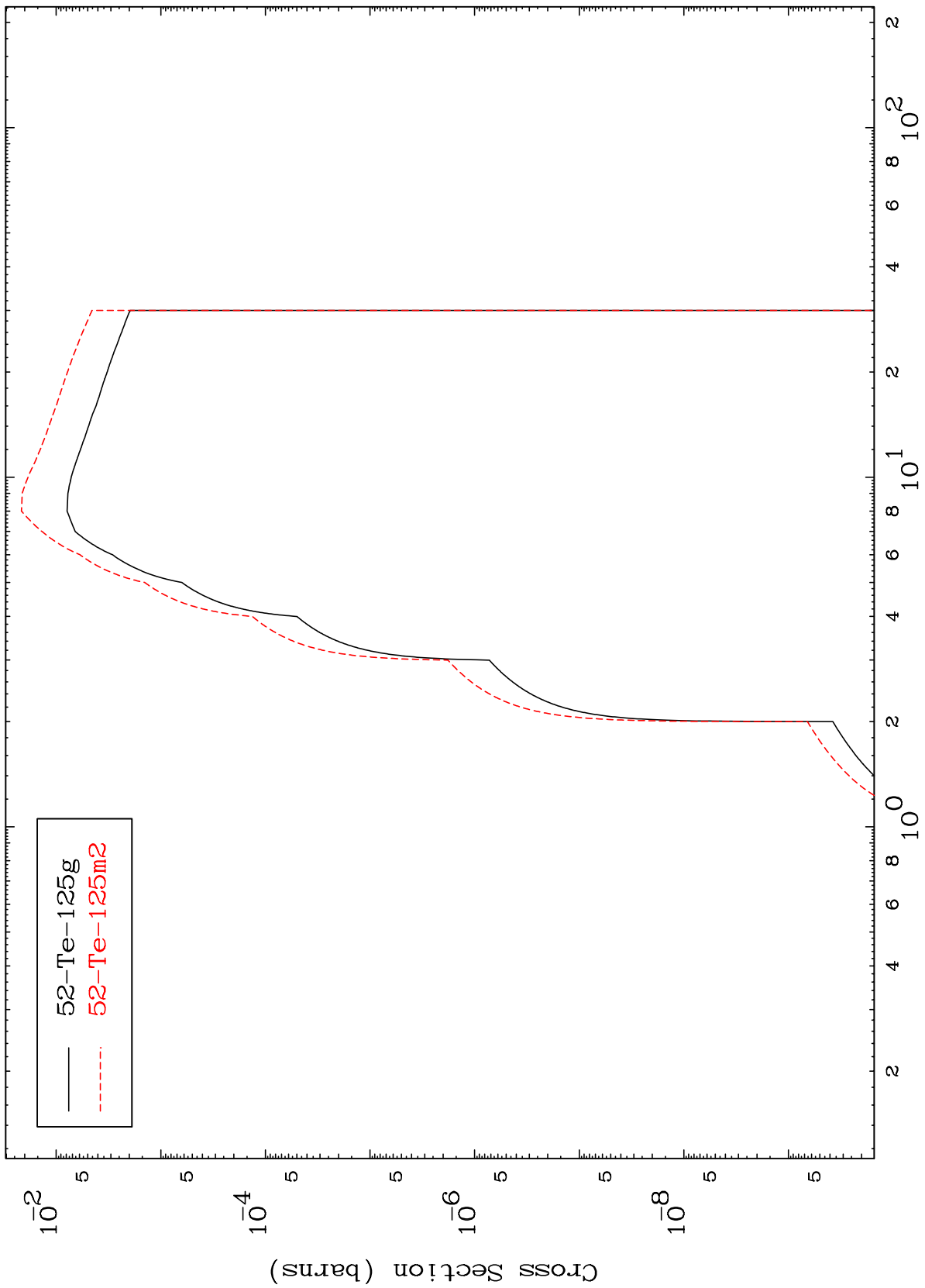
51-Sb-124n



MAT 5136

51-Sb-124n

Inelastic
Radionuclide Production Cross Section



51-Sb-124n

Incident Energy (MeV)

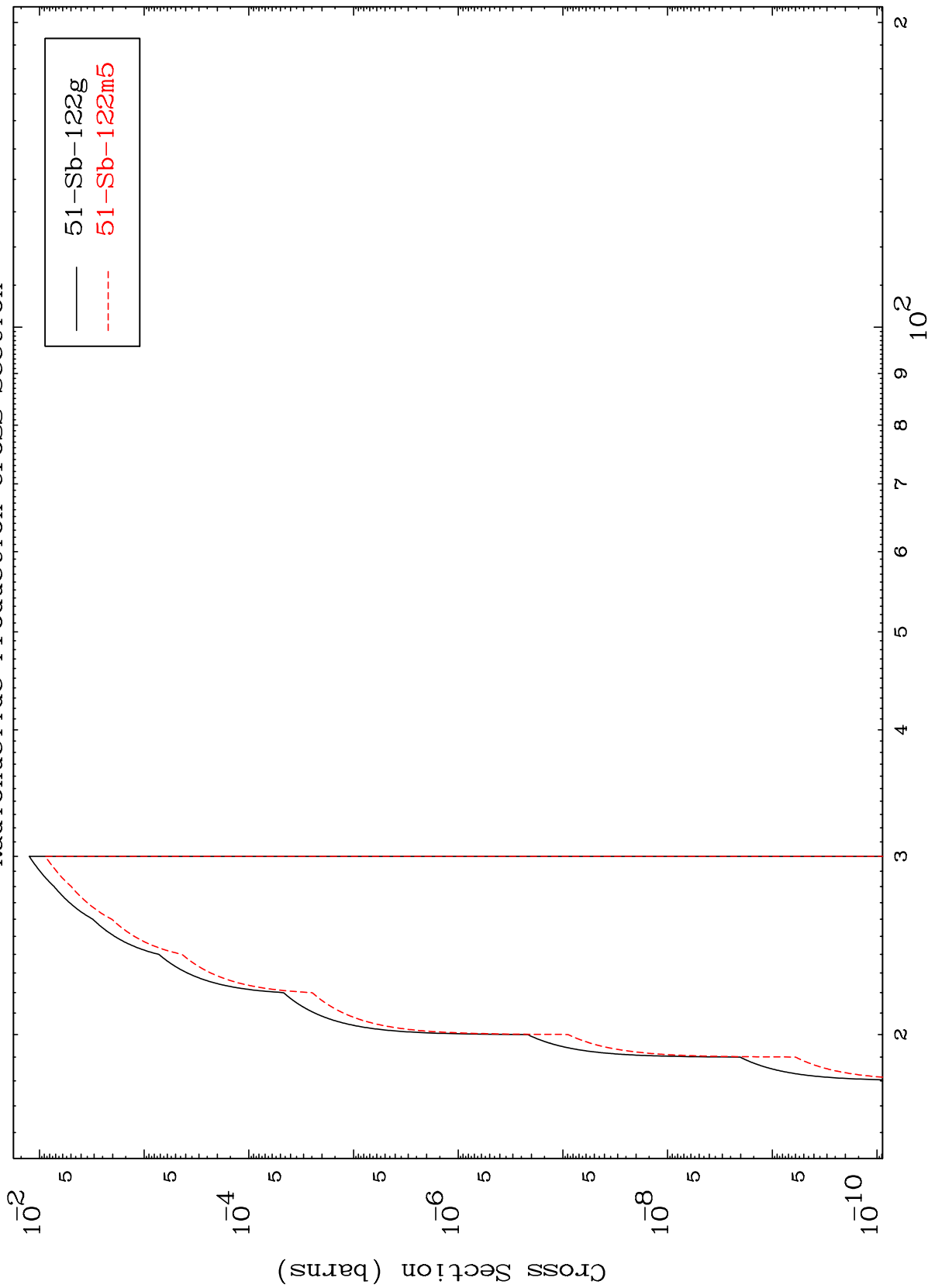
12

MAT 5136

(n,2n) d

51-Sb-124n

Radionuclide Production Cross Section



13

Incident Energy (MeV)

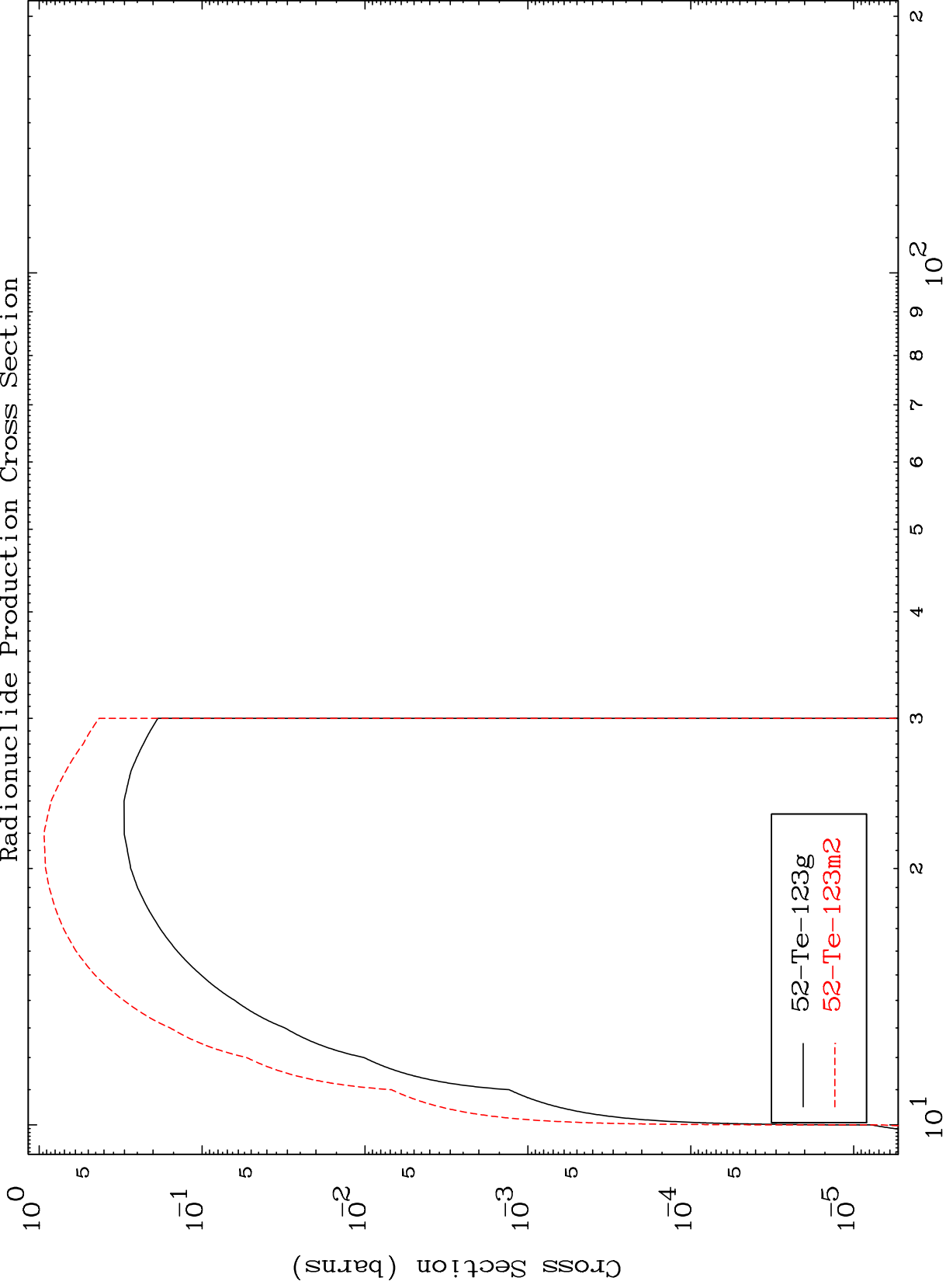
51-Sb-124n

MAT 5136

(n,3n)

51-Sb-124n

Radionuclide Production Cross Section



Incident Energy (MeV)

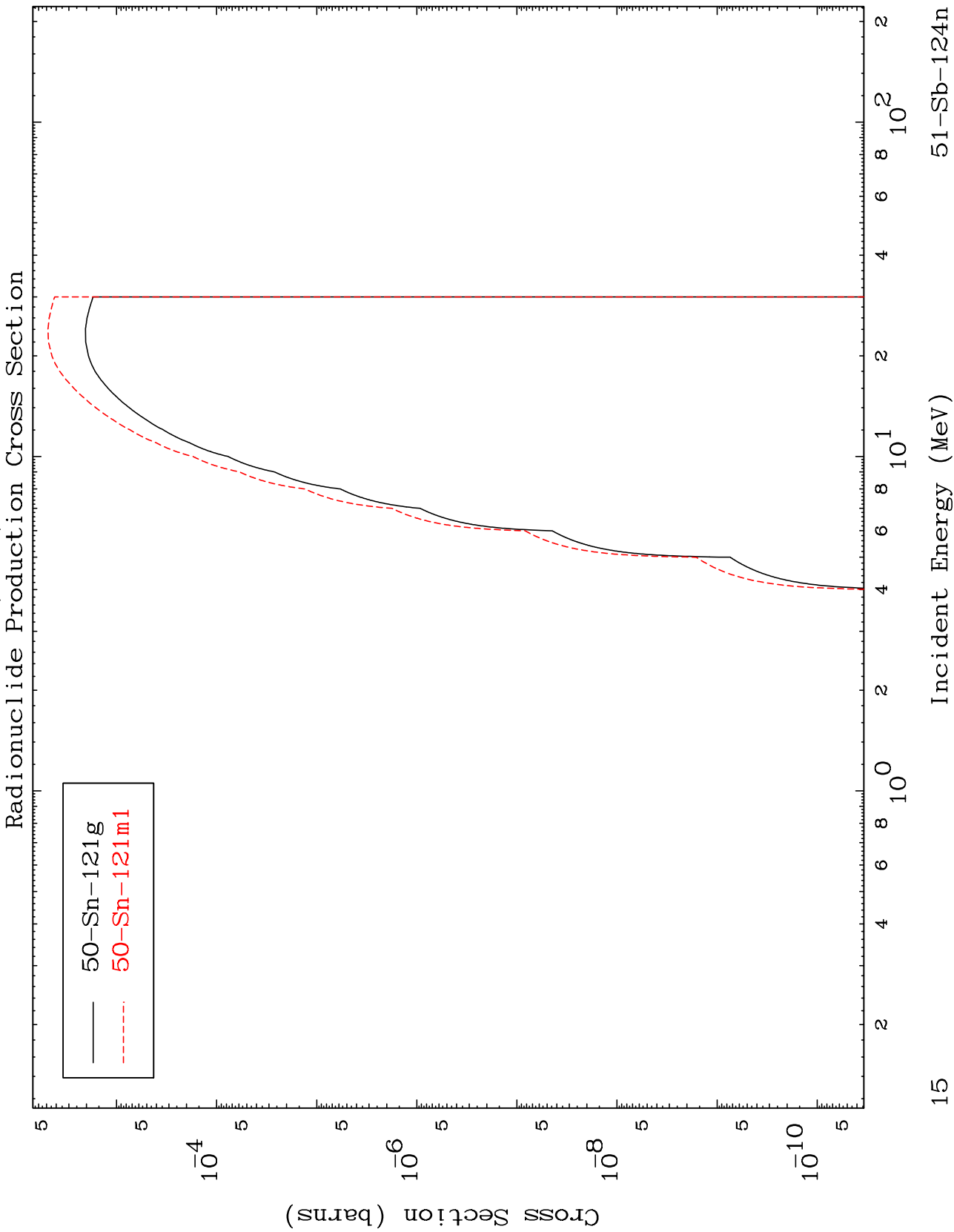
51-Sb-124n

14

MAT 5136

(n,n') α

51-Sb-124n

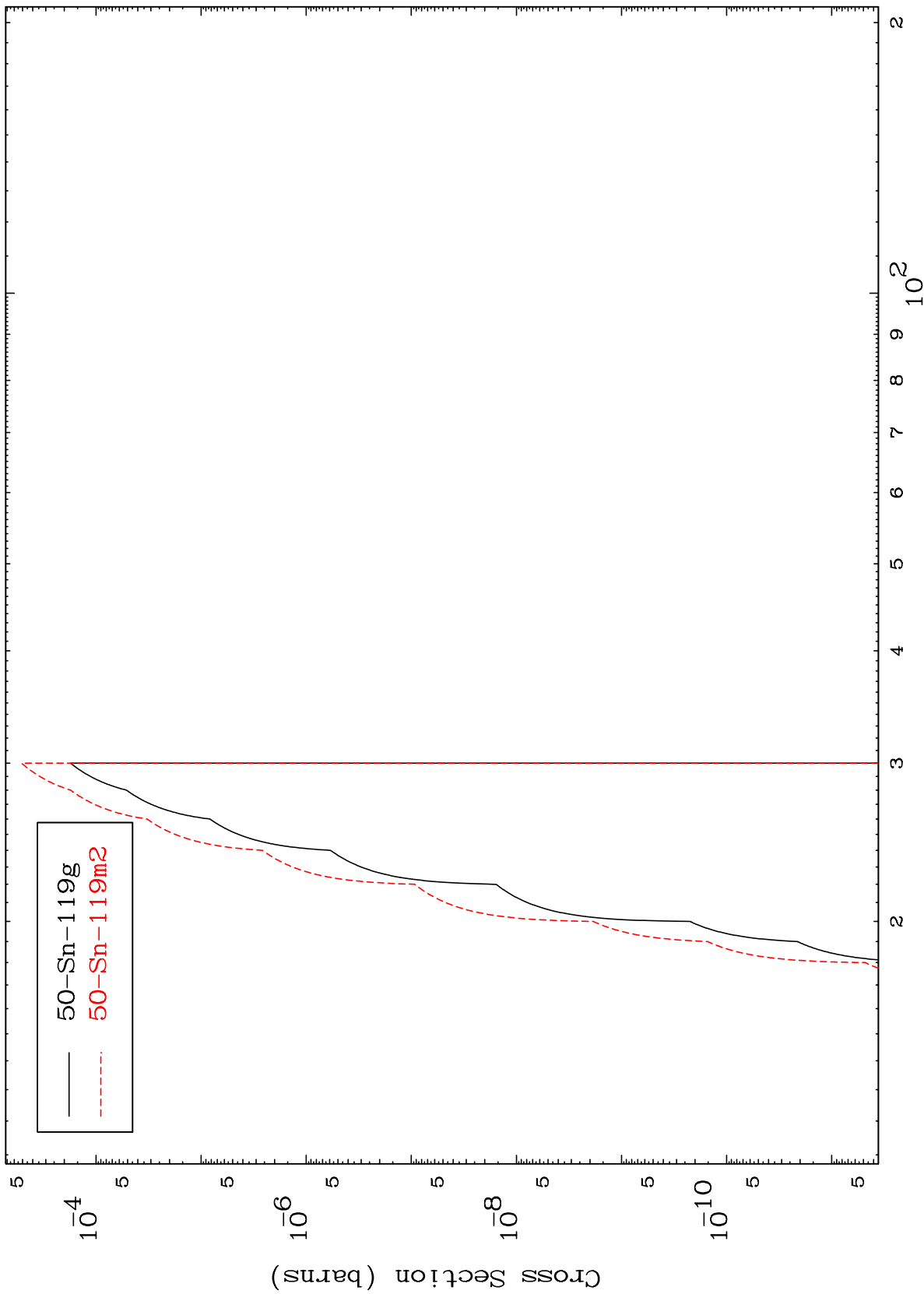


MAT 5136

(n,3n) α

51-Sb-124n

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-124n

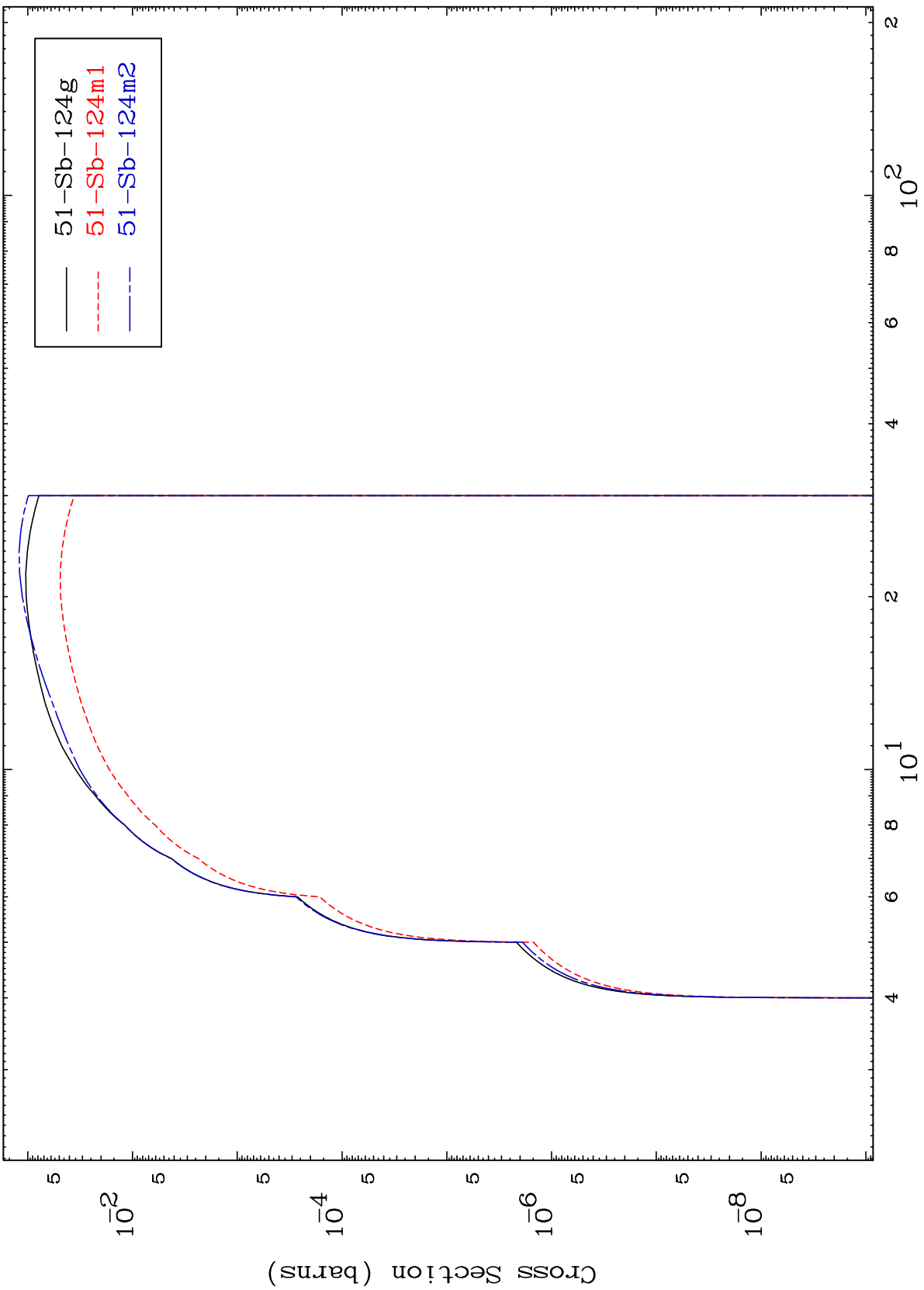
16

MAT 5136

(n,n') p

51-Sb-124n

Radionuclide Production Cross Section



17

Incident Energy (MeV)

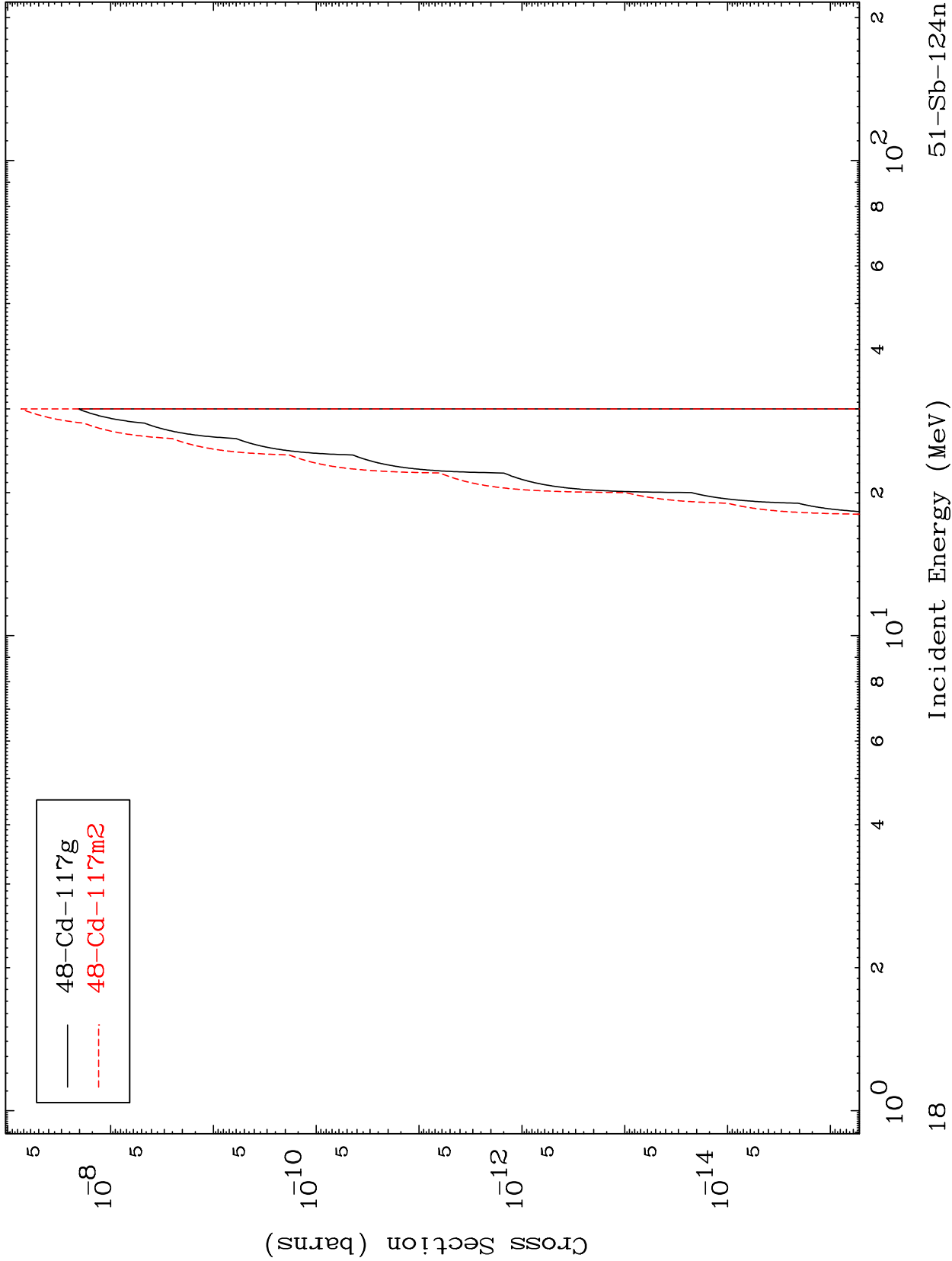
51-Sb-124n

MAT 5136

(n,n') 2α

51-Sb-124n

Radionuclide Production Cross Section



48-Cd-117g
48-Cd-117m2

Incident Energy (MeV)

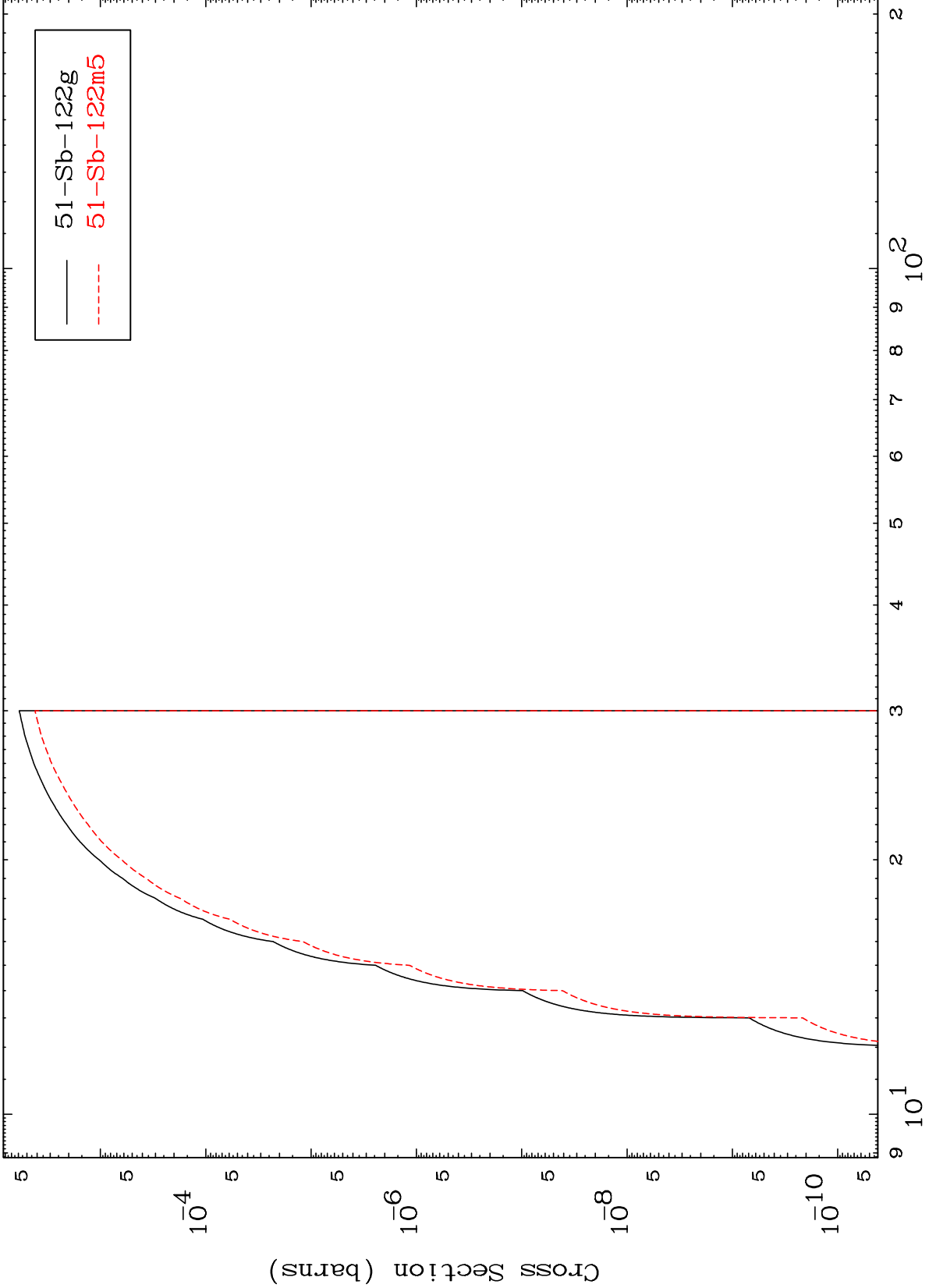
51-Sb-124n

MAT 5136

(n,n') t

51-Sb-124n

Radionuclide Production Cross Section



19

Incident Energy (MeV)

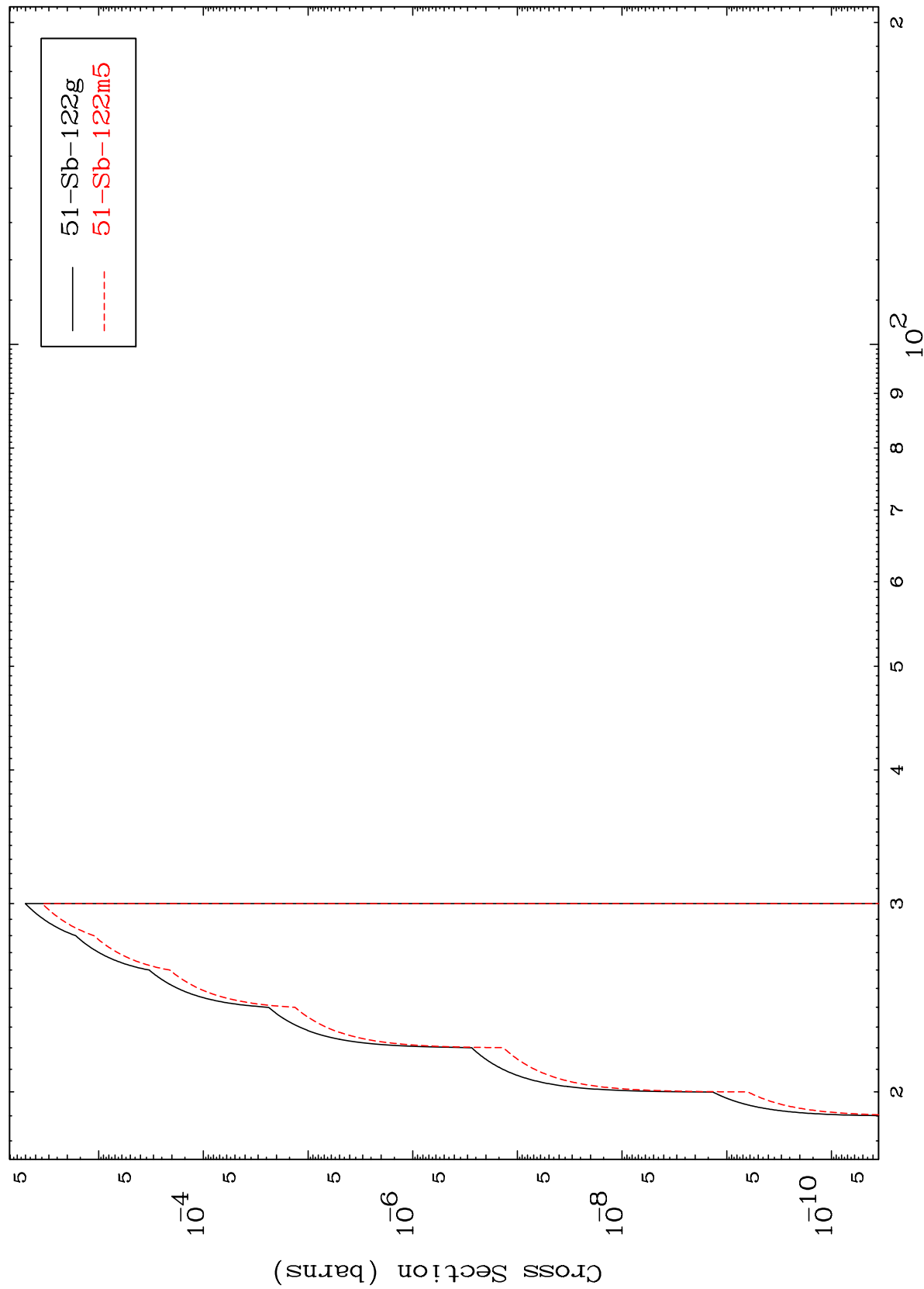
51-Sb-124n

MAT 5136

(n,3n) p

51-Sb-124n

Radionuclide Production Cross Section



20

Incident Energy (MeV)

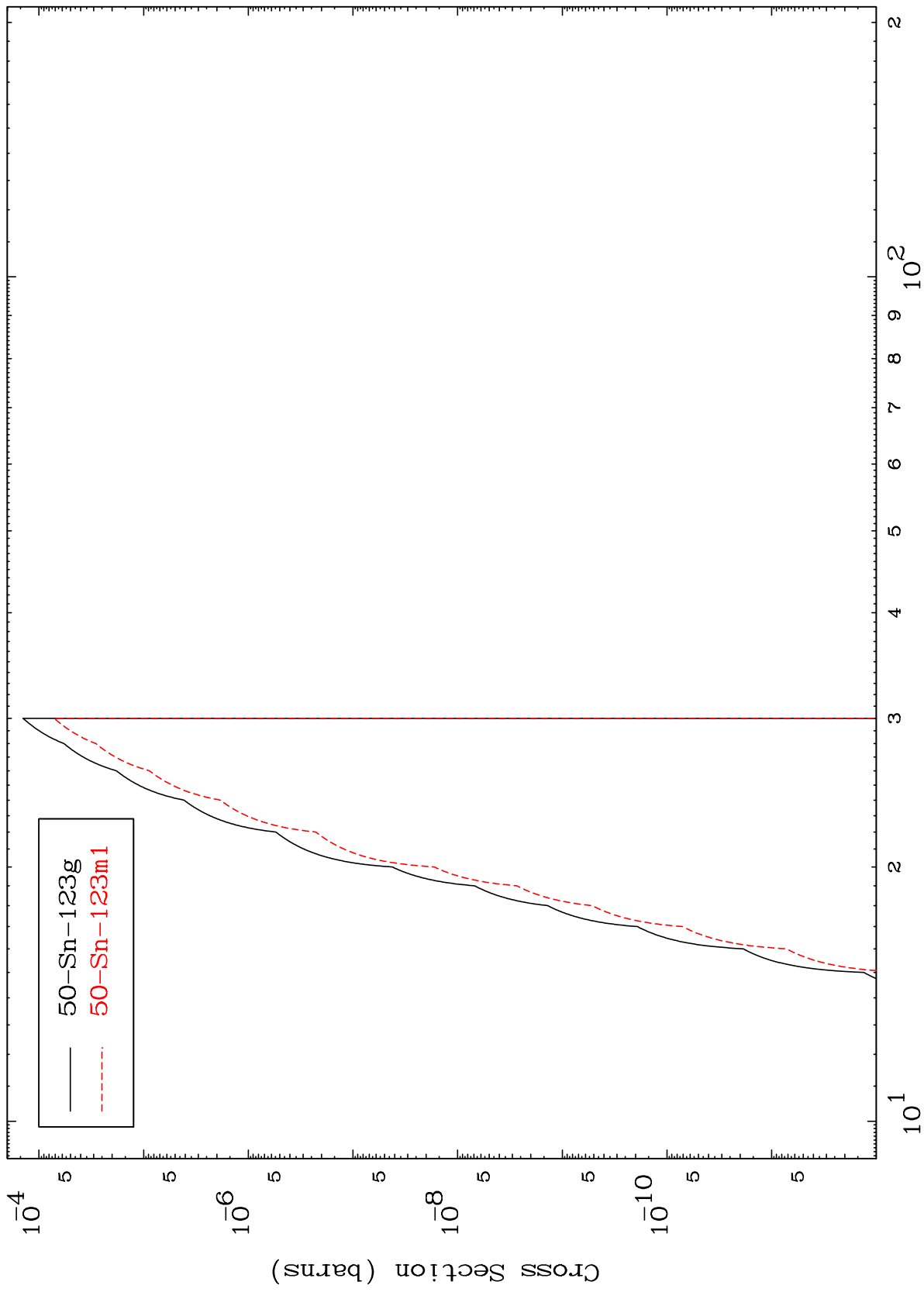
51-Sb-124n

MAT 5136

(n,2n) p

51-Sb-124n

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-124n

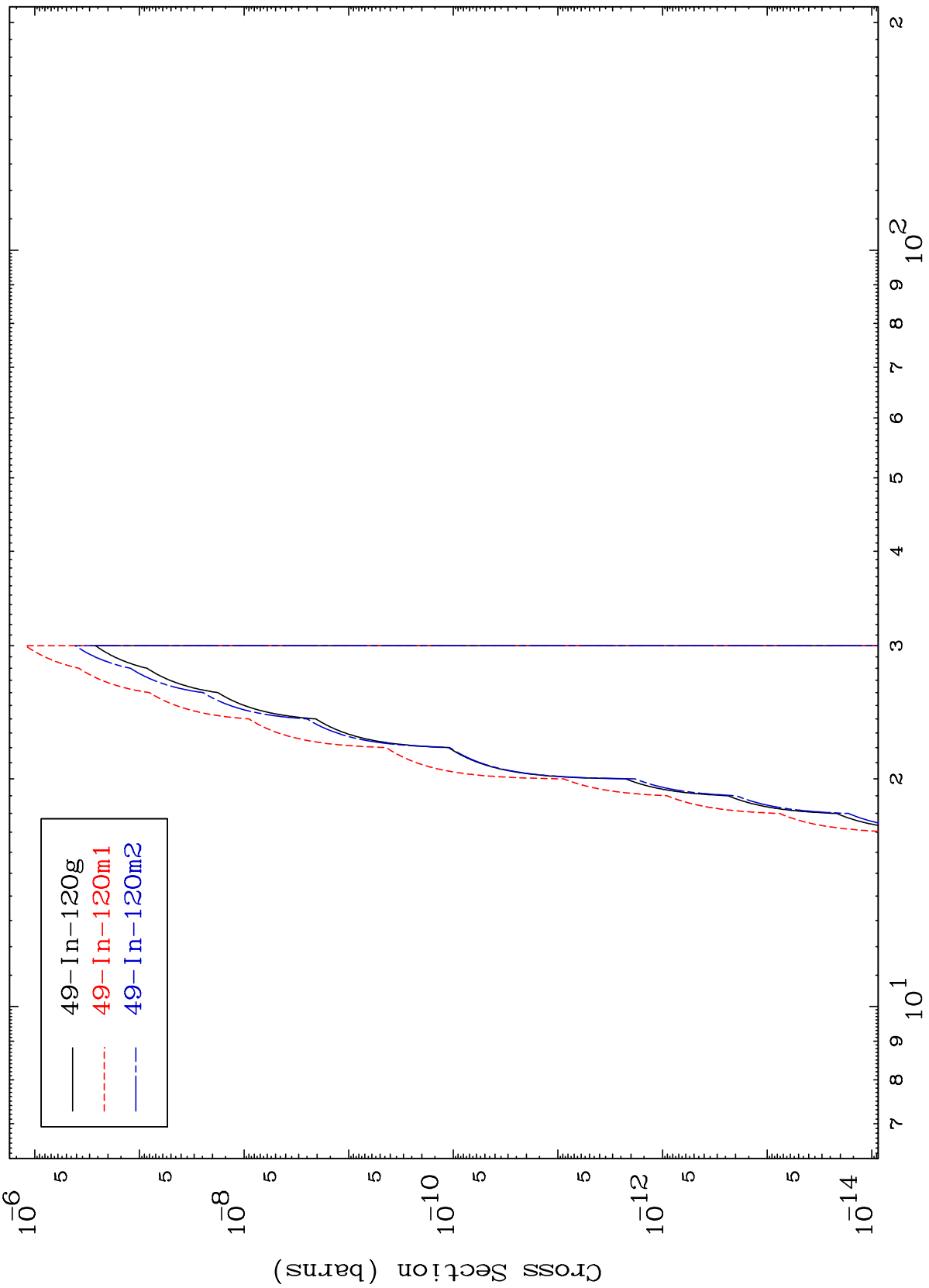
21

MAT 5136

(n,n') p α

51-Sb-124n

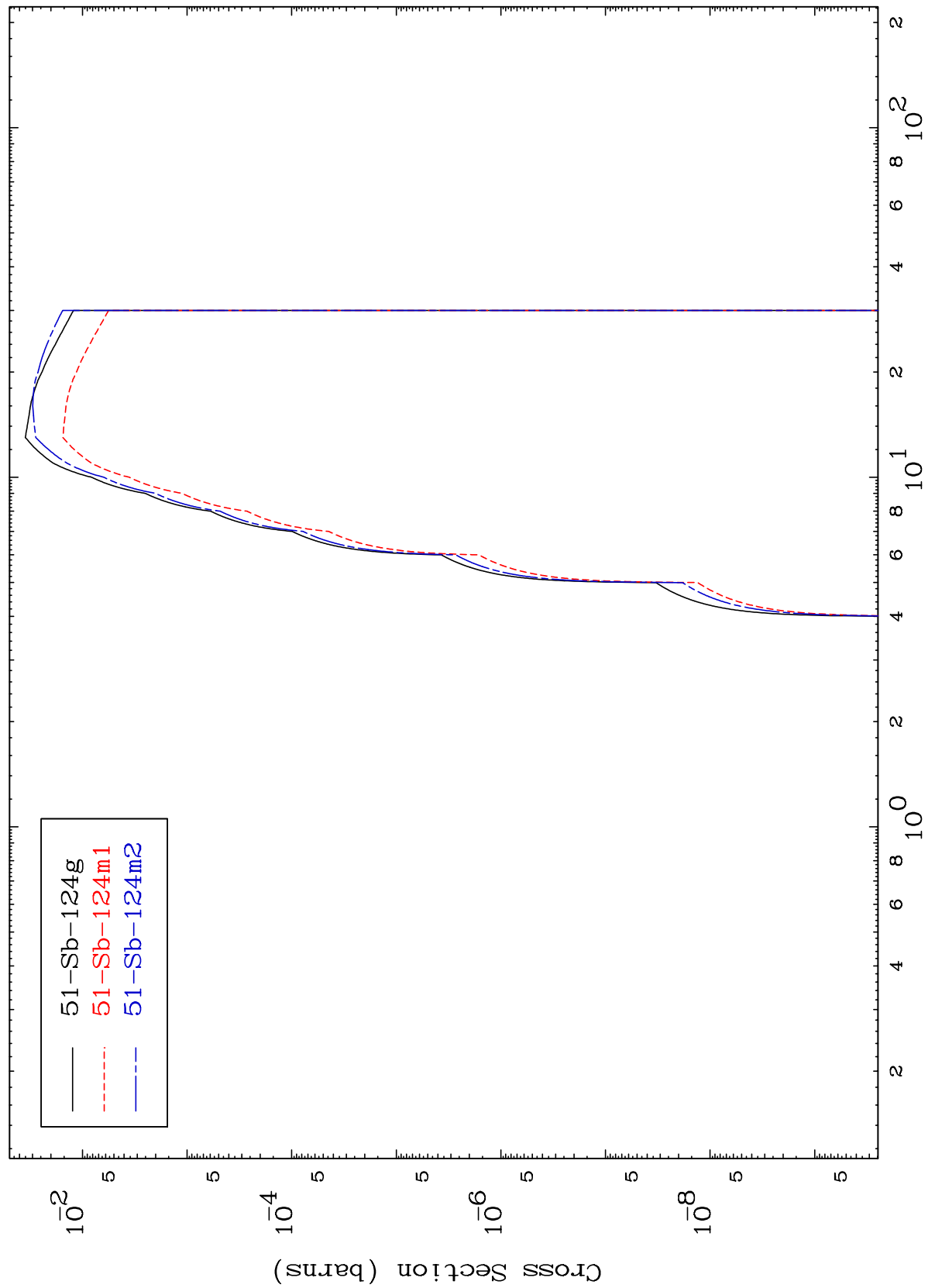
Radionuclide Production Cross Section



MAT 5136

51-Sb-124n

(n,d)
Radionuclide Production Cross Section



51-Sb-124n

Incident Energy (MeV)

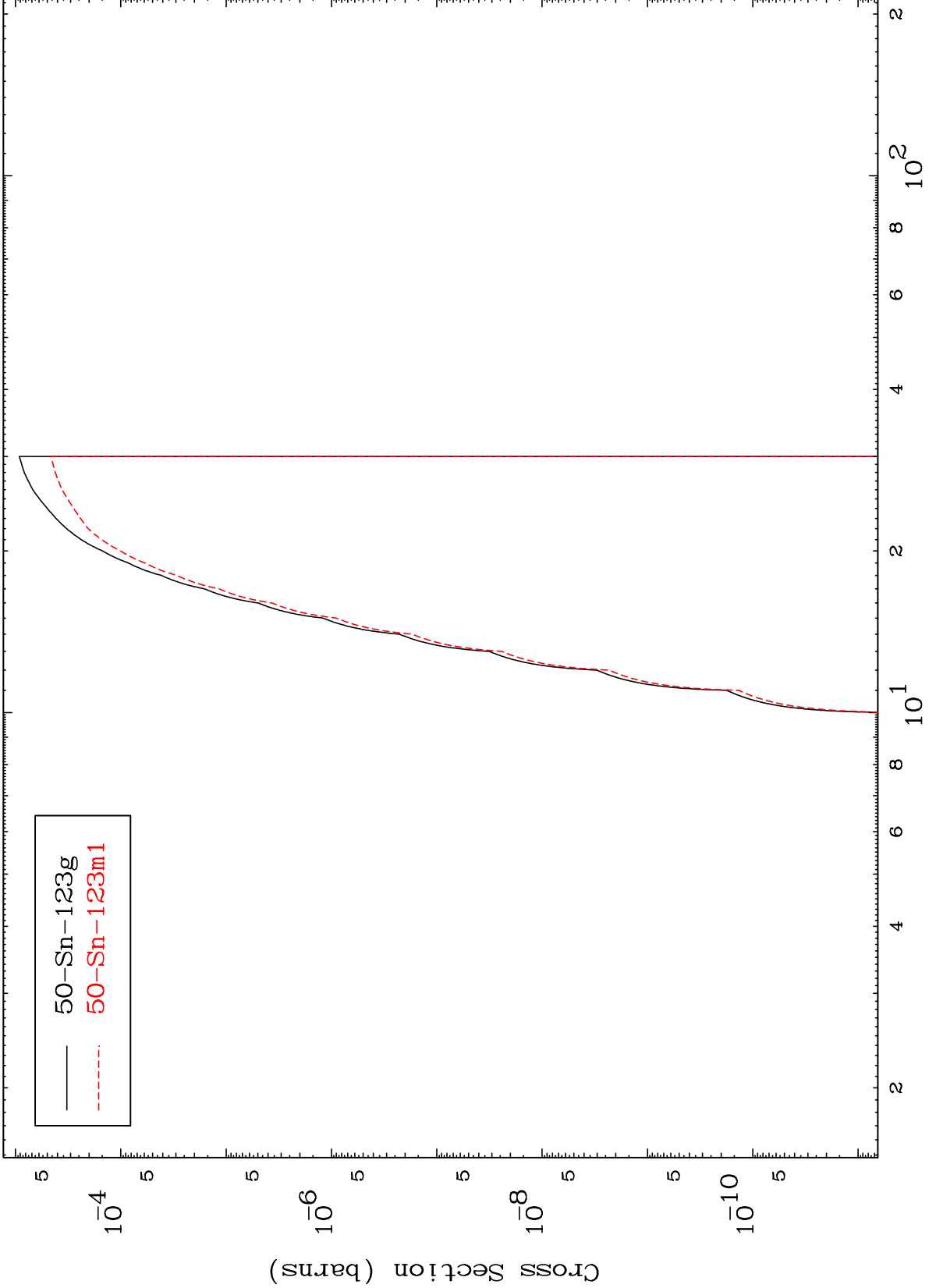
23

MAT 5136

(n,He-3)

51-Sb-124n

Radionuclide Production Cross Section



24

Incident Energy (MeV)

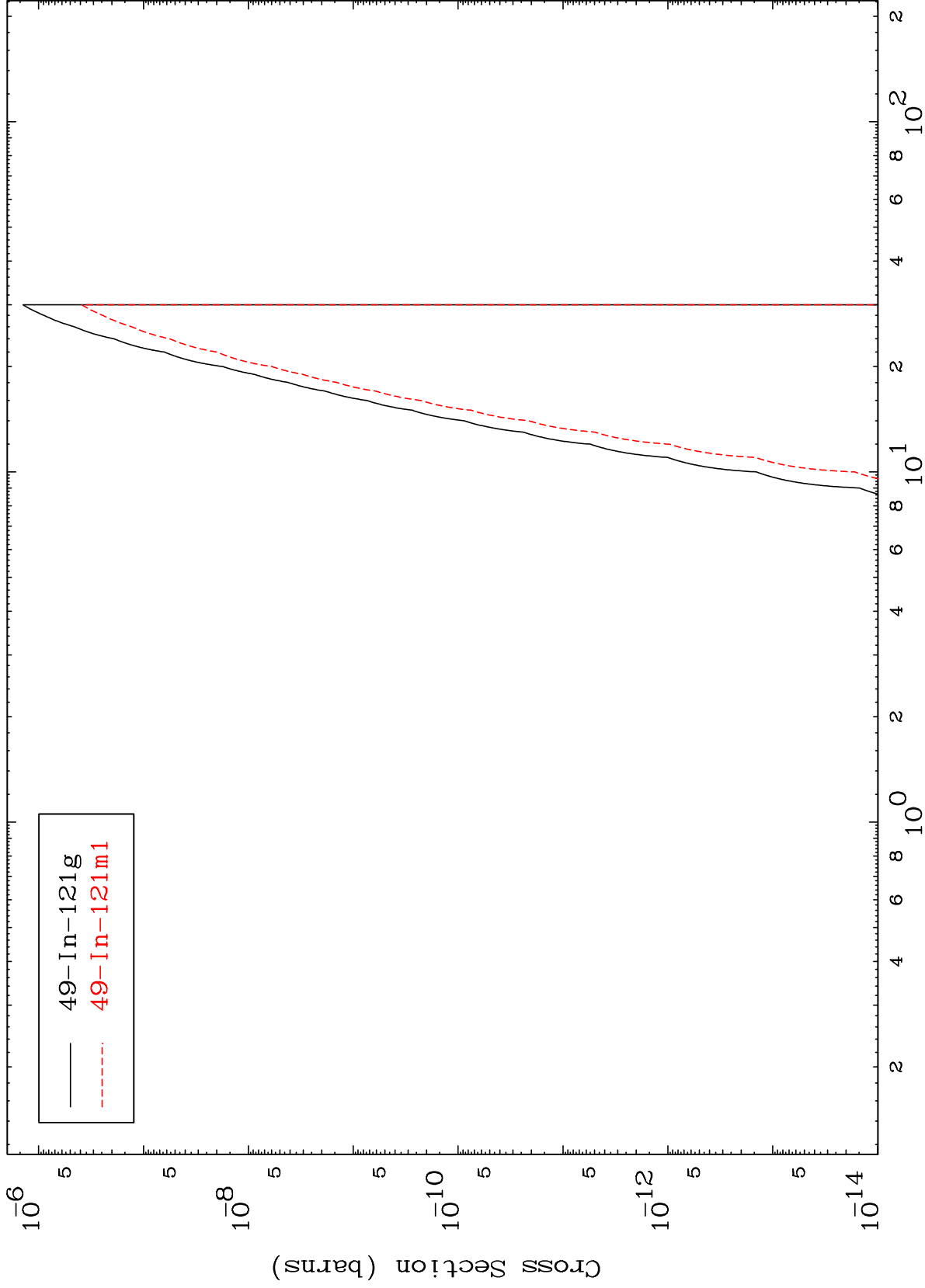
51-Sb-124n

MAT 5136

(n,p) α

51-Sb-124n

Radionuclide Production Cross Section



25

Incident Energy (MeV)

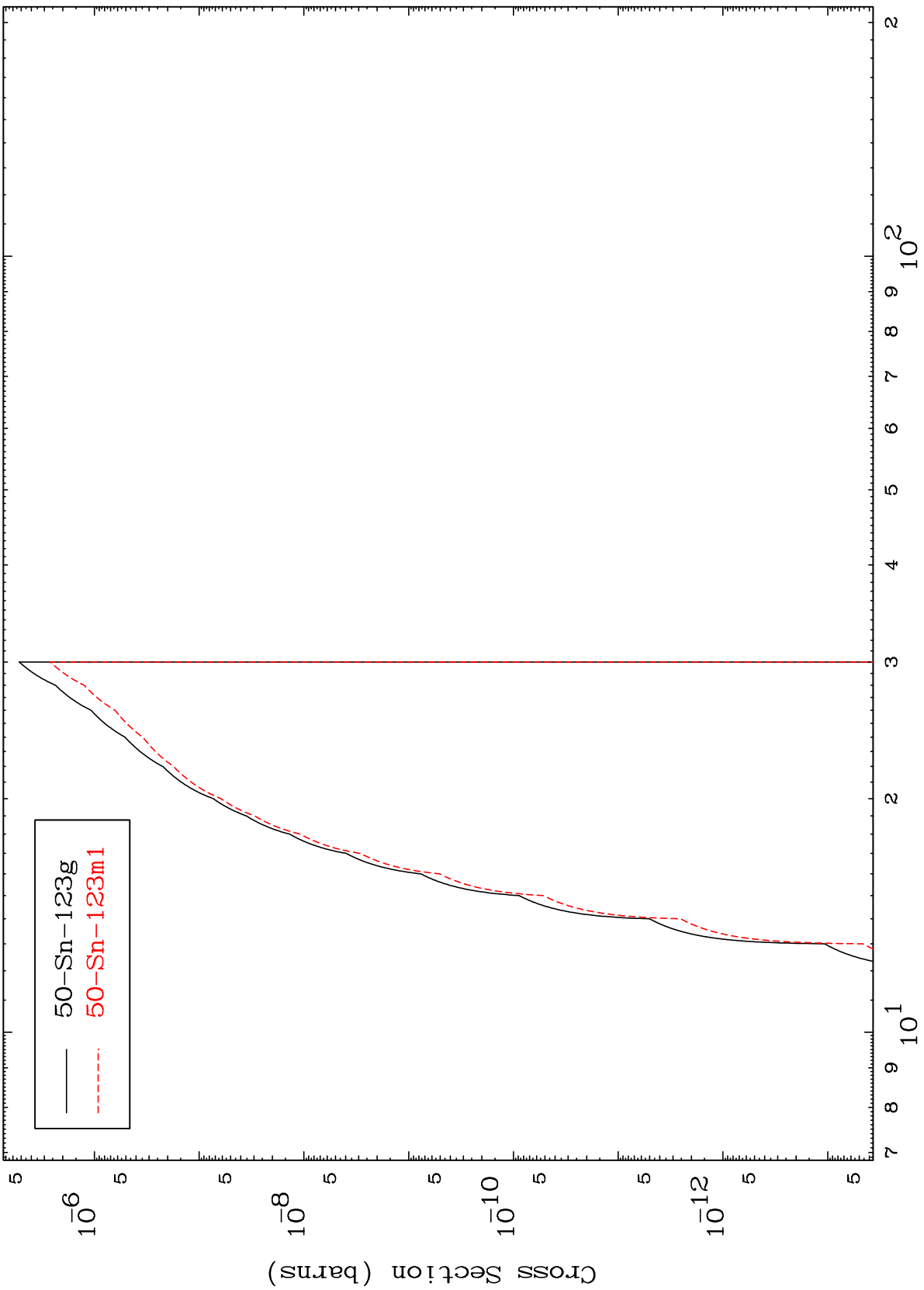
51-Sb-124n

MAT 5136

(n,p) d

51-Sb-124n

Radionuclide Production Cross Section



26

Incident Energy (MeV)

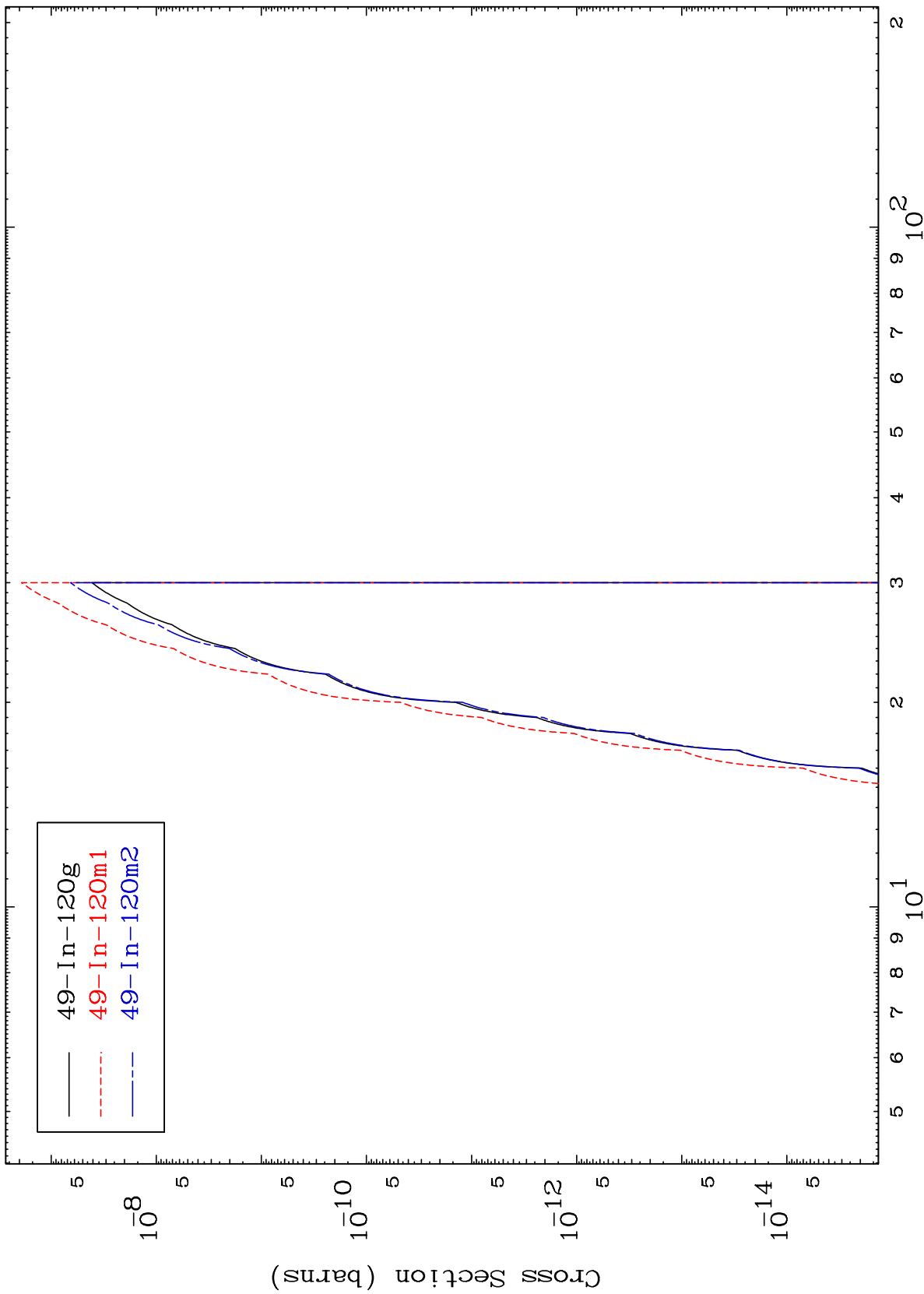
51-Sb-124n

MAT 5136

51-Sb-124n

(n,d) α

Radionuclide Production Cross Section



27

51-Sb-124n

Incident Energy (MeV)