

Program EVALPLOT
(Version 2021-1)

by

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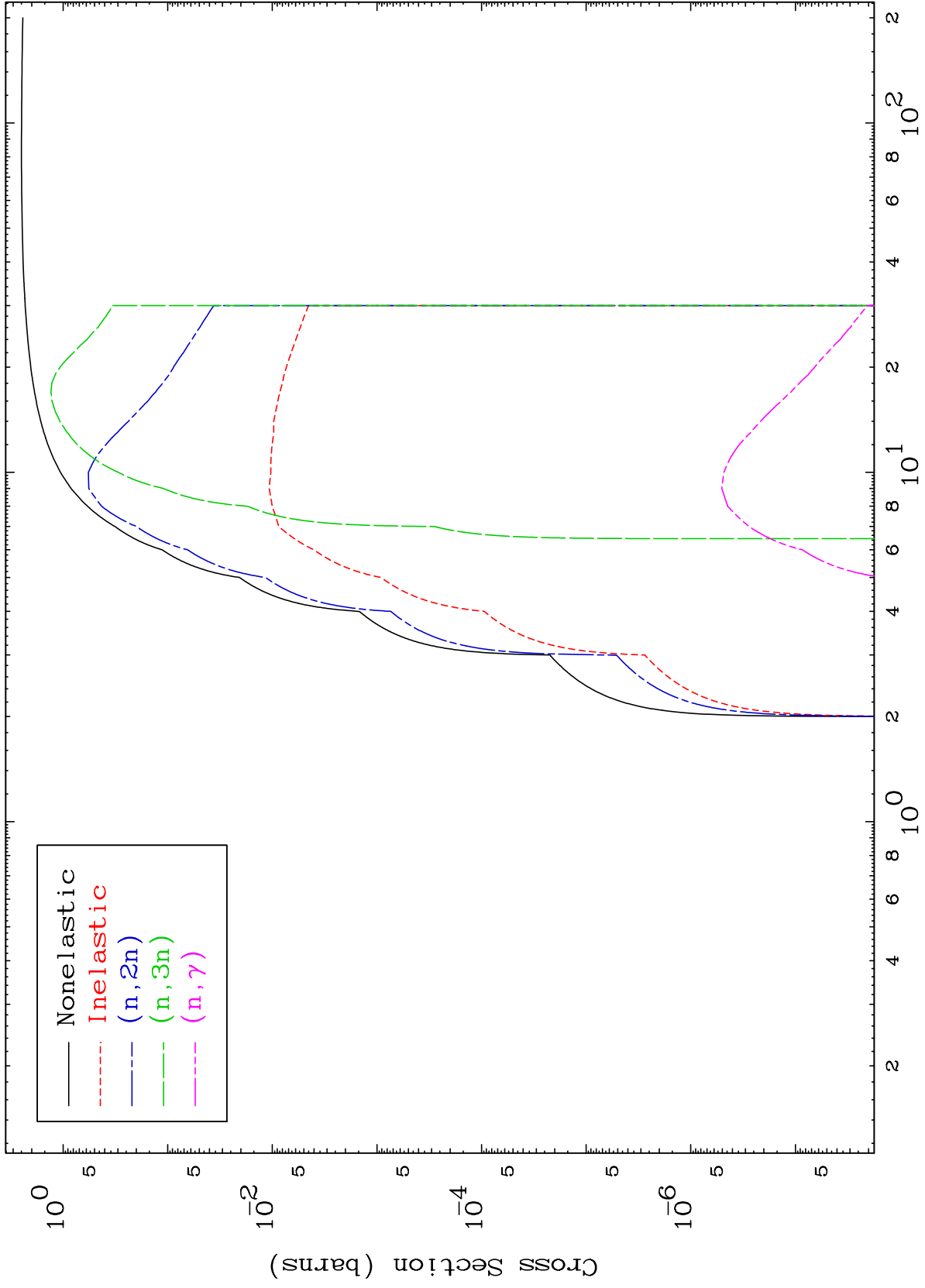
Tele: 925-443-1911

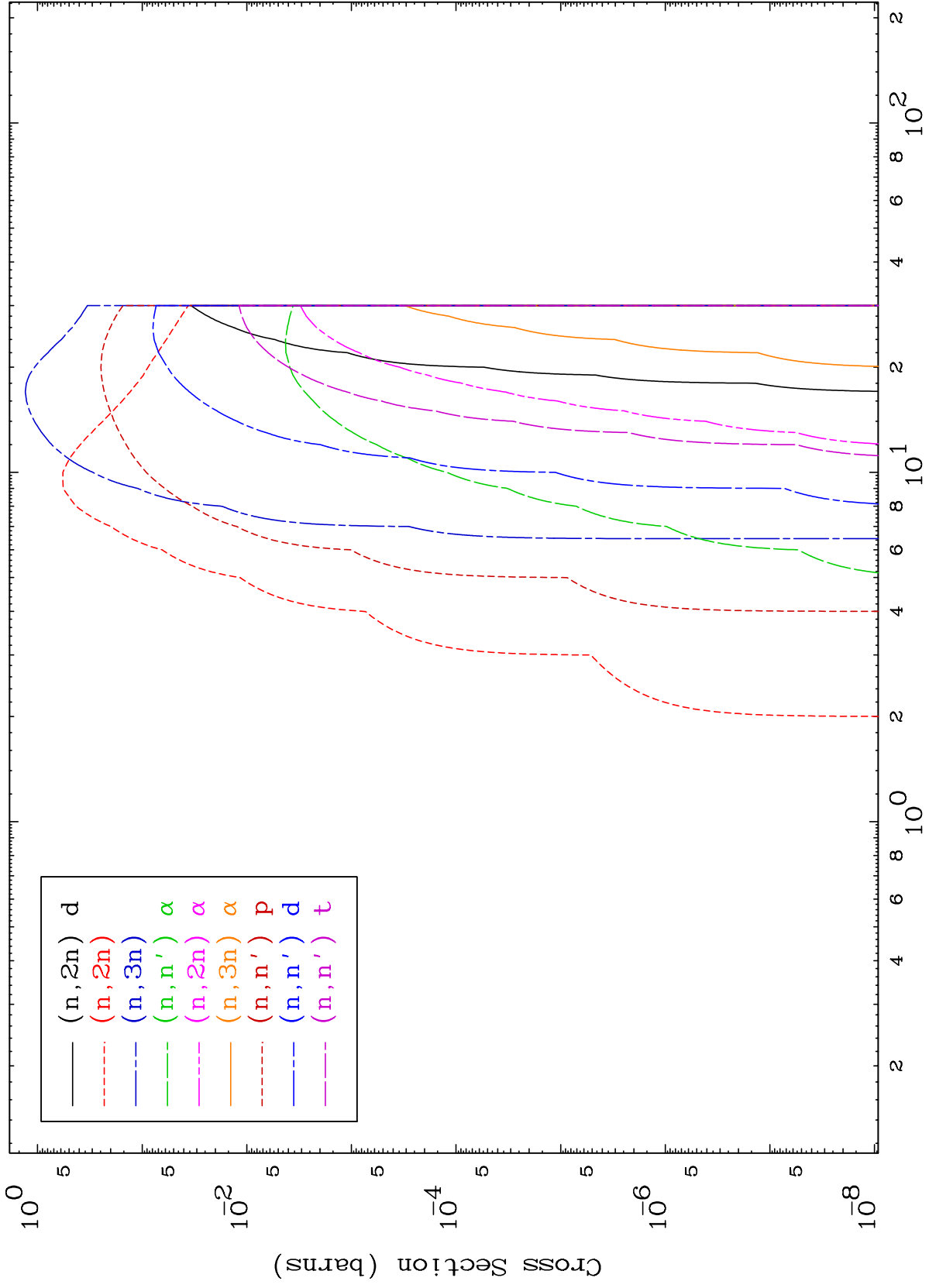
E.Mail:redcullen1@comcast.net

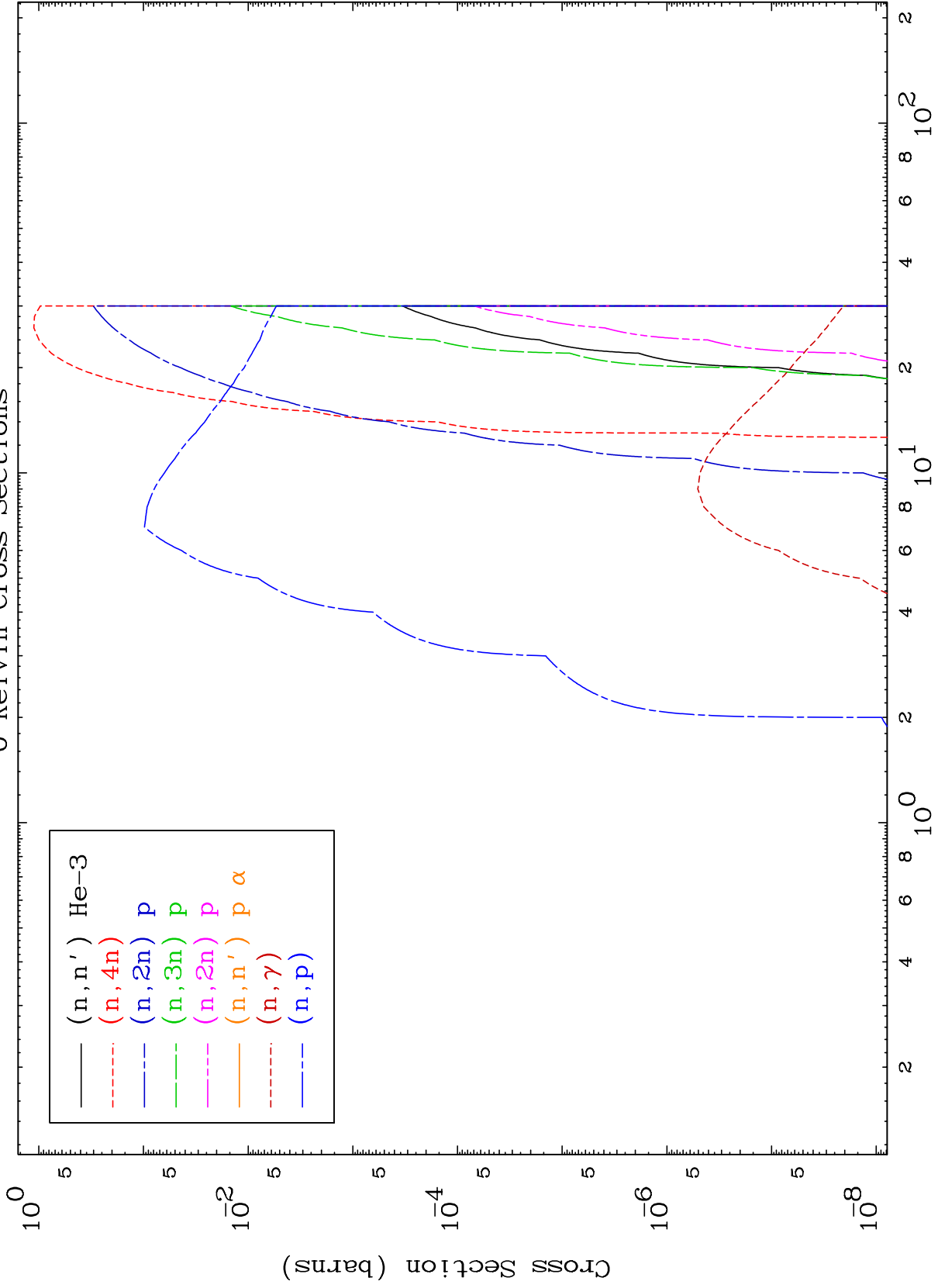
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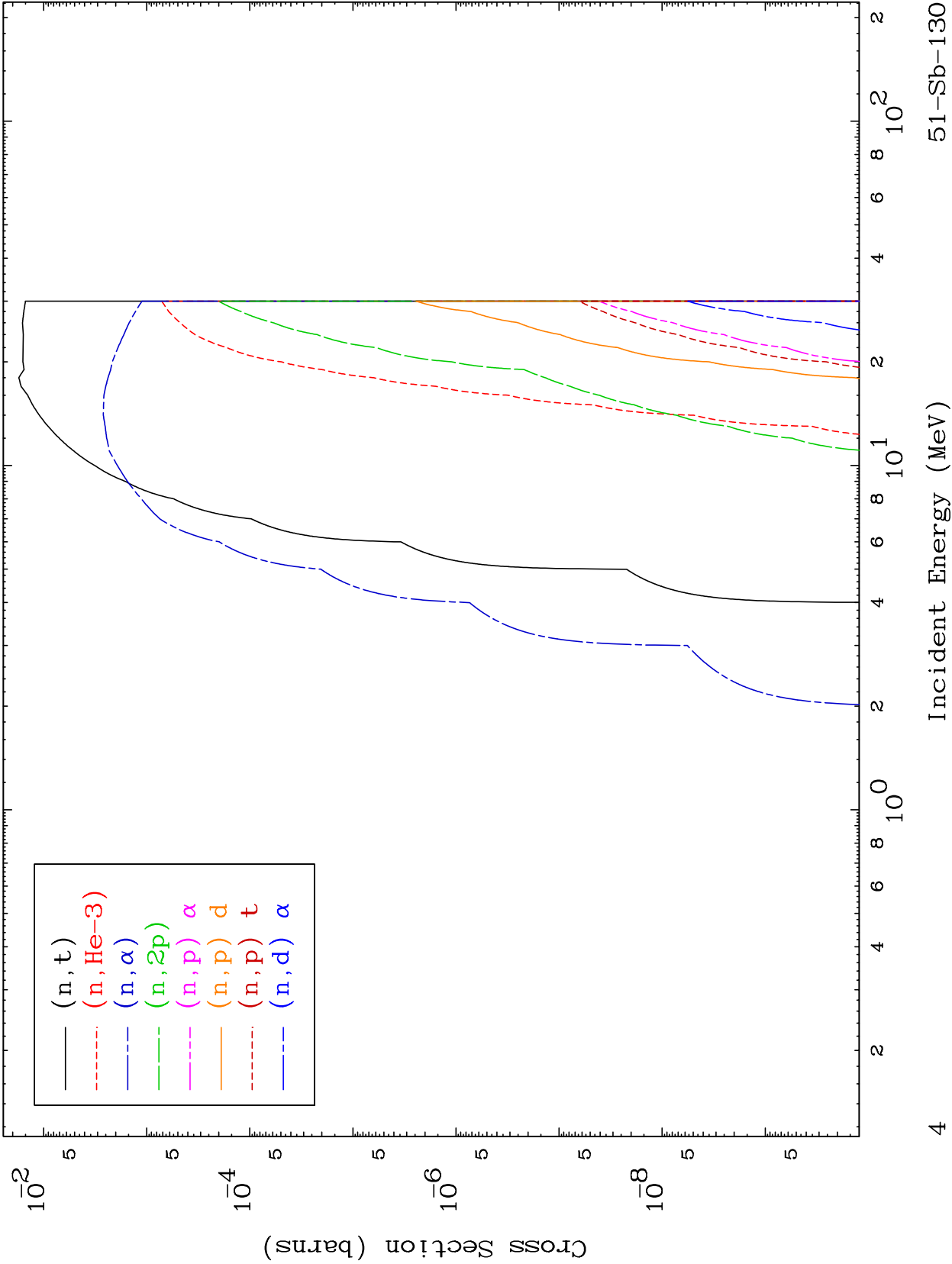
Press Mouse Button to Start

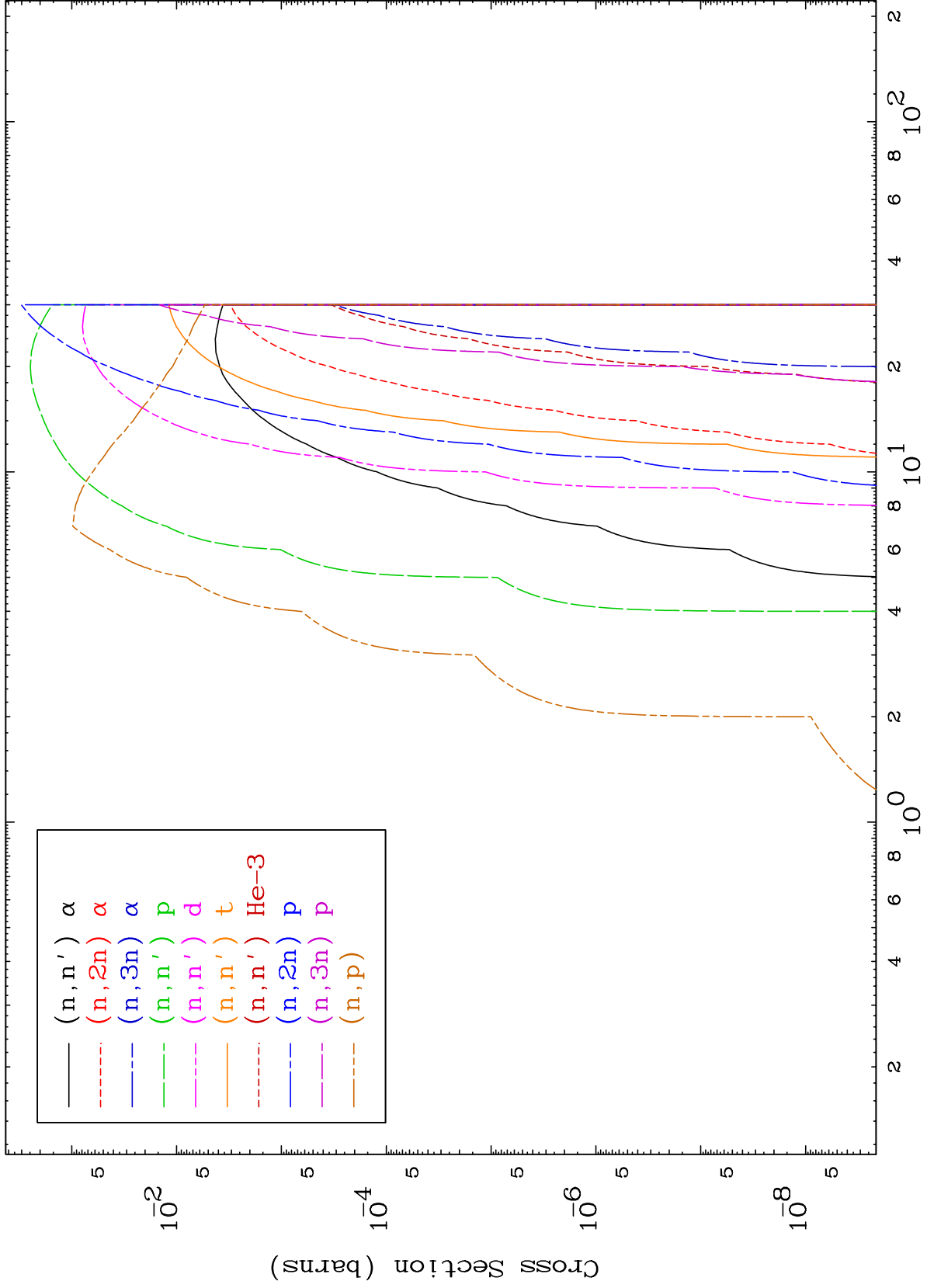
0 Kelvin Cross Sections

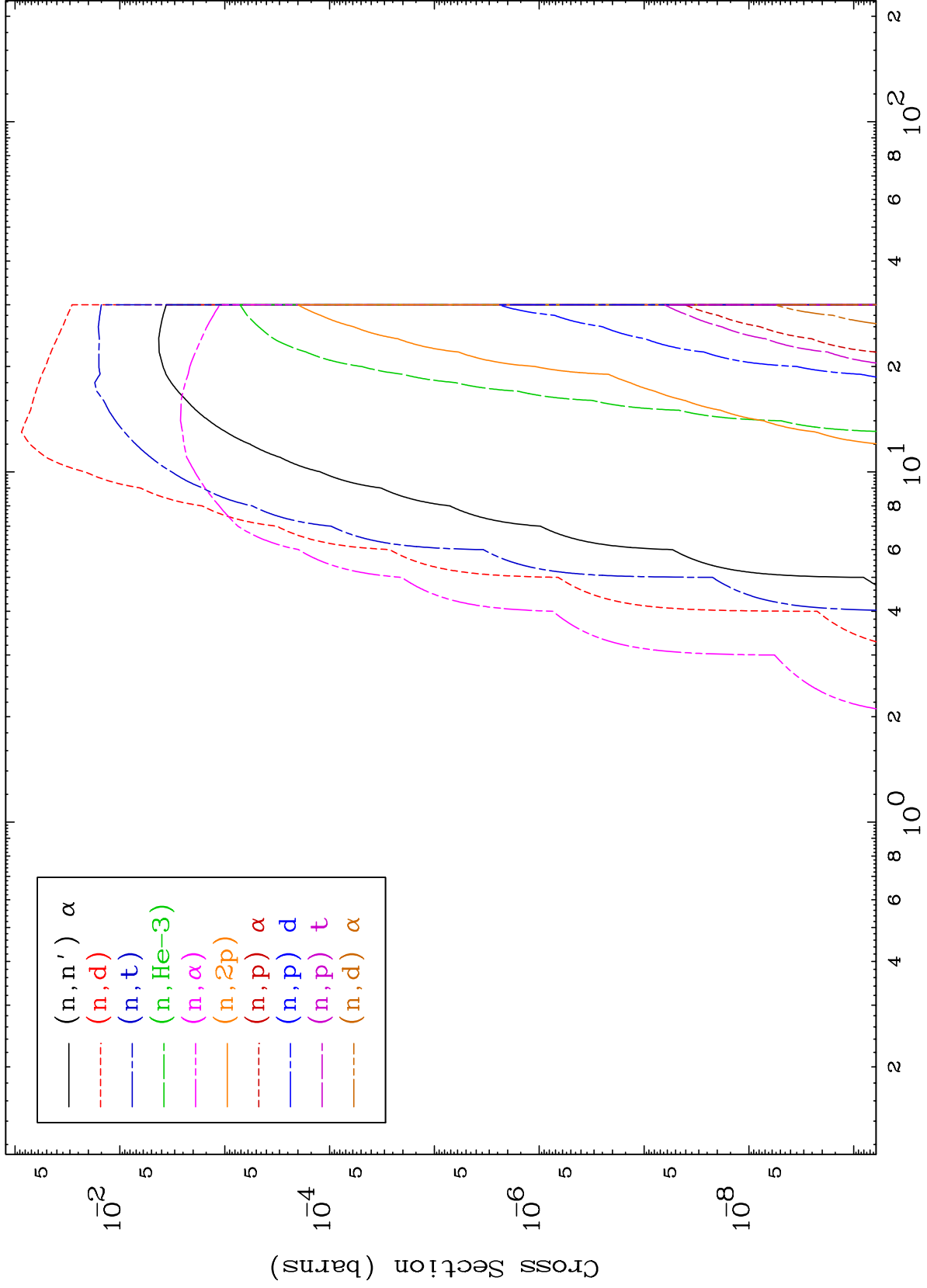








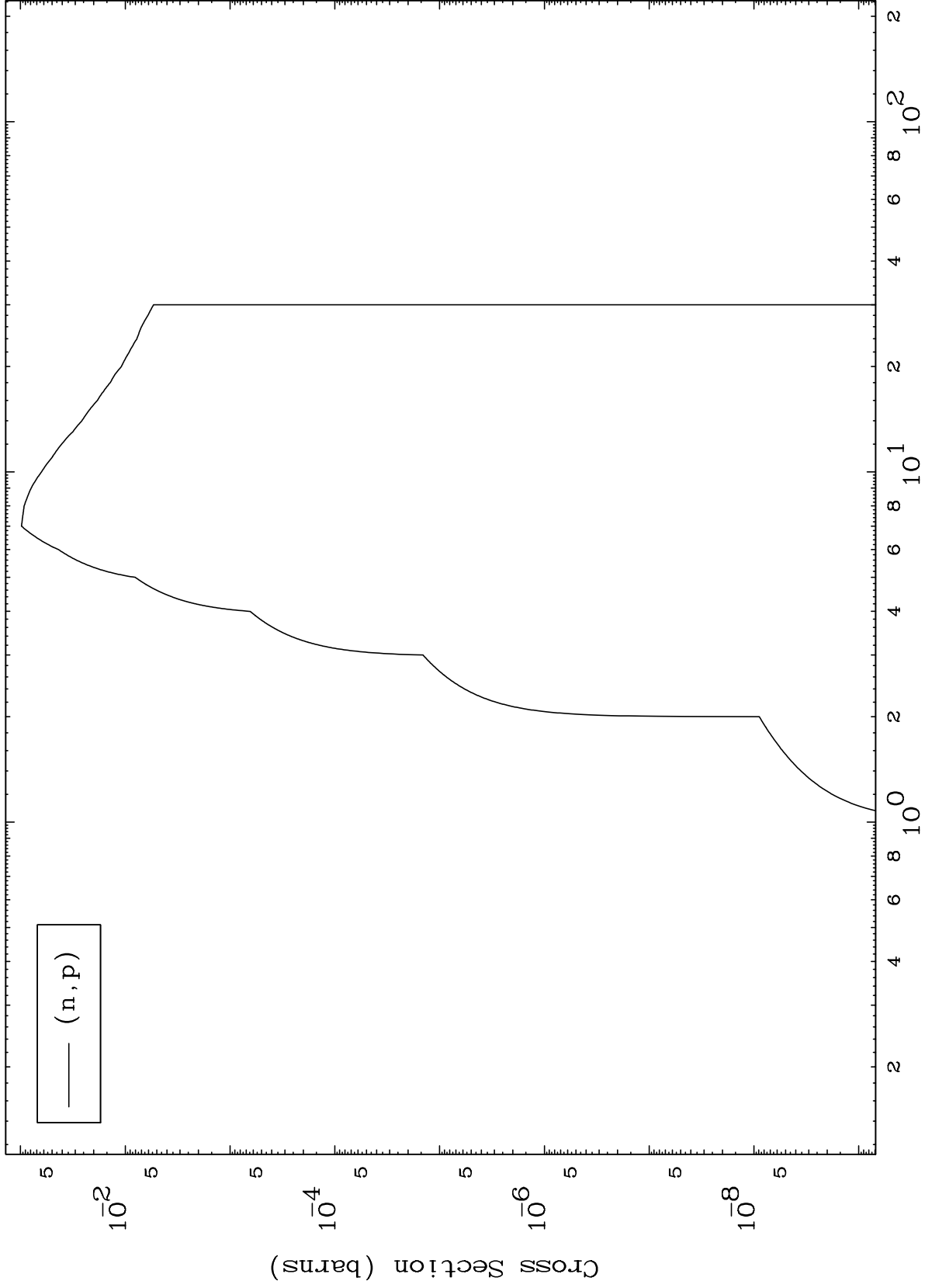




MAT 5152

(d,p) Levels
0 Kelvin Cross Sections

51-Sb-130

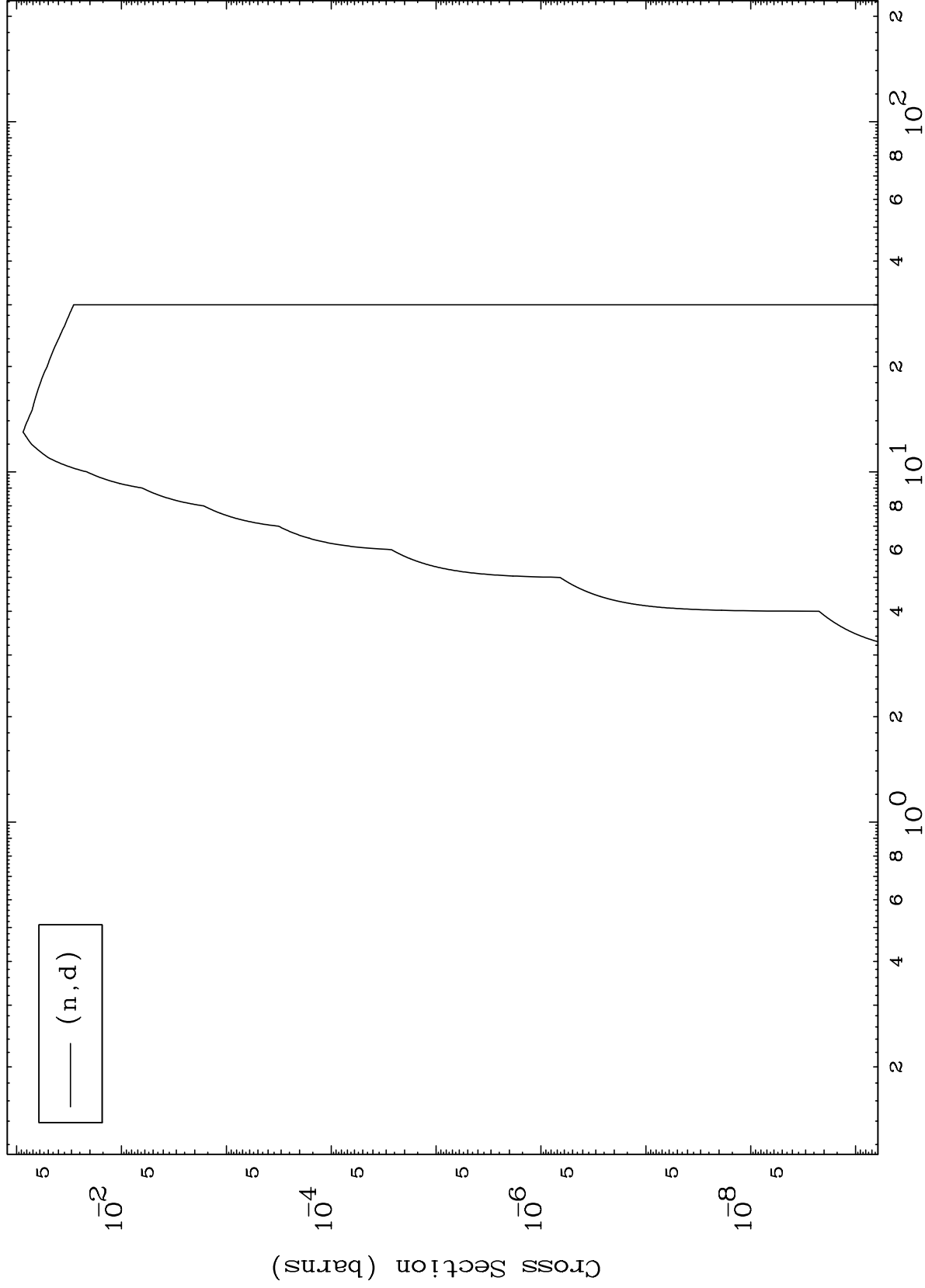


MAT 5152

(d,d) Levels

51-Sb-130

0 Kelvin Cross Sections

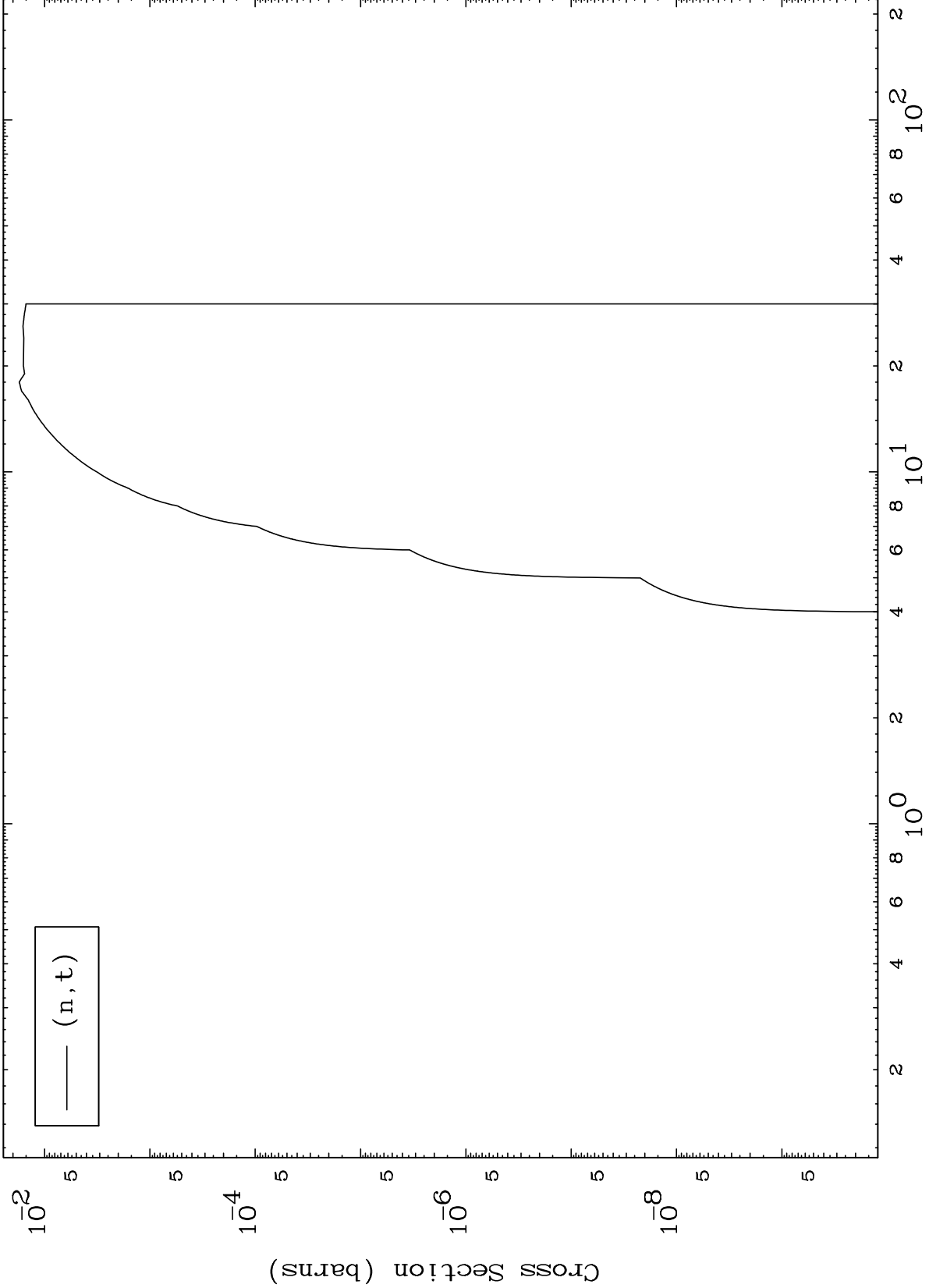


MAT 5152

(d, t) Levels

51-Sb-130

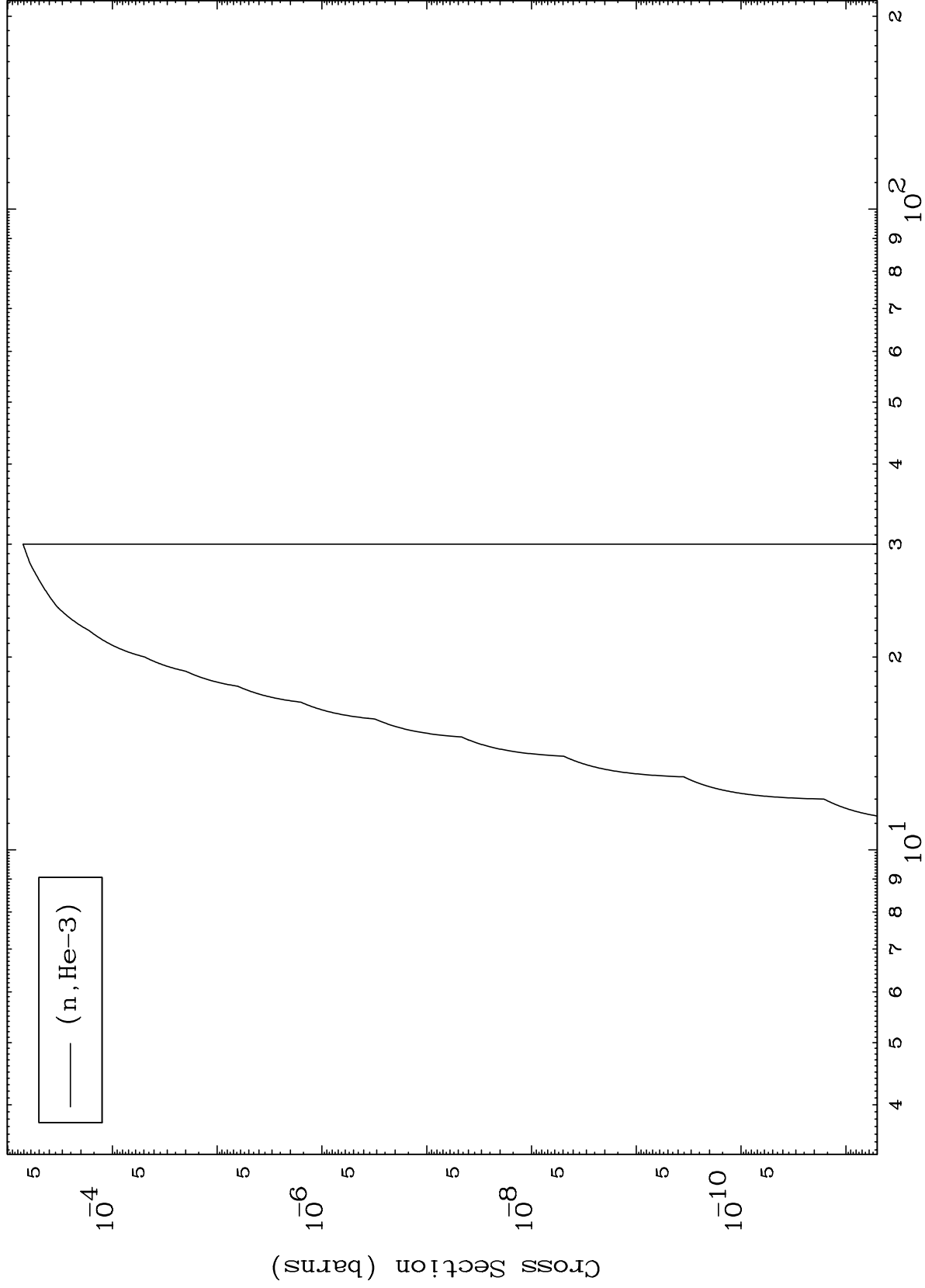
0 Kelvin Cross Sections



MAT 5152

(d,He3) Levels
0 Kelvin Cross Sections

51-Sb-130



10

Incident Energy (MeV)

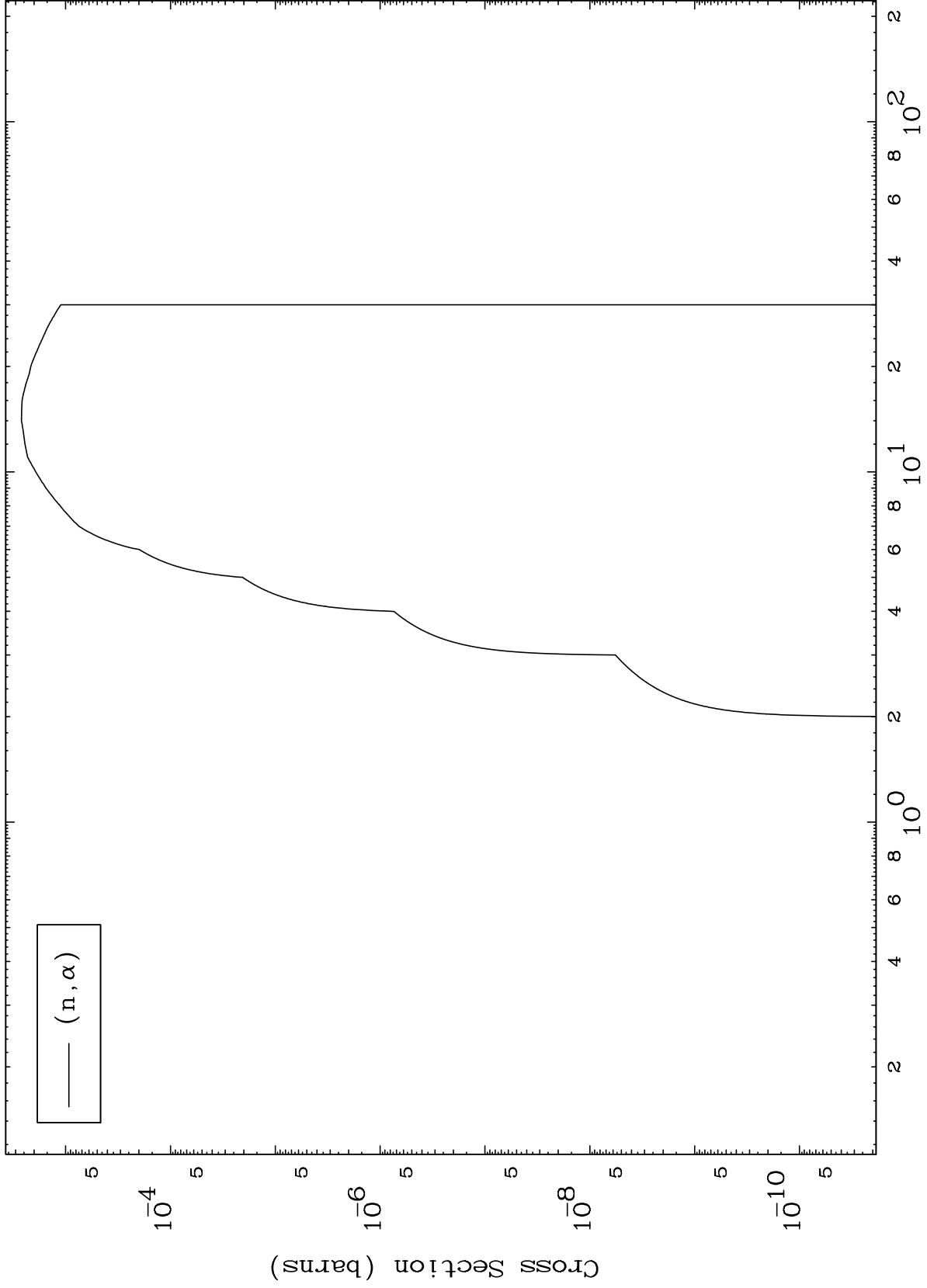
51-Sb-130

MAT 5152

(d, α) Levels

51-Sb-130

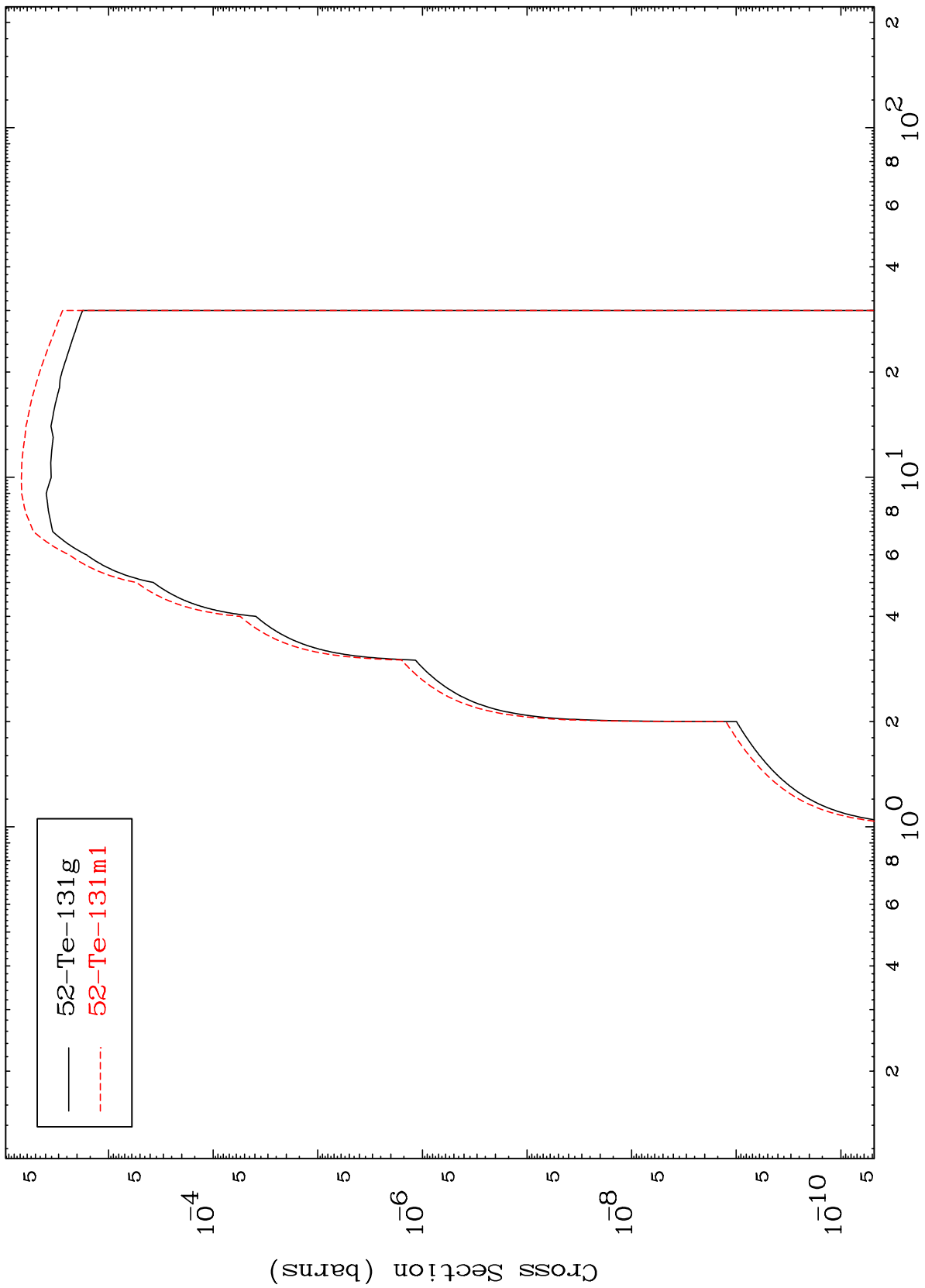
0 Kelvin Cross Sections



MAT 5152

51-Sb-130

Inelastic
Radionuclide Production Cross Section



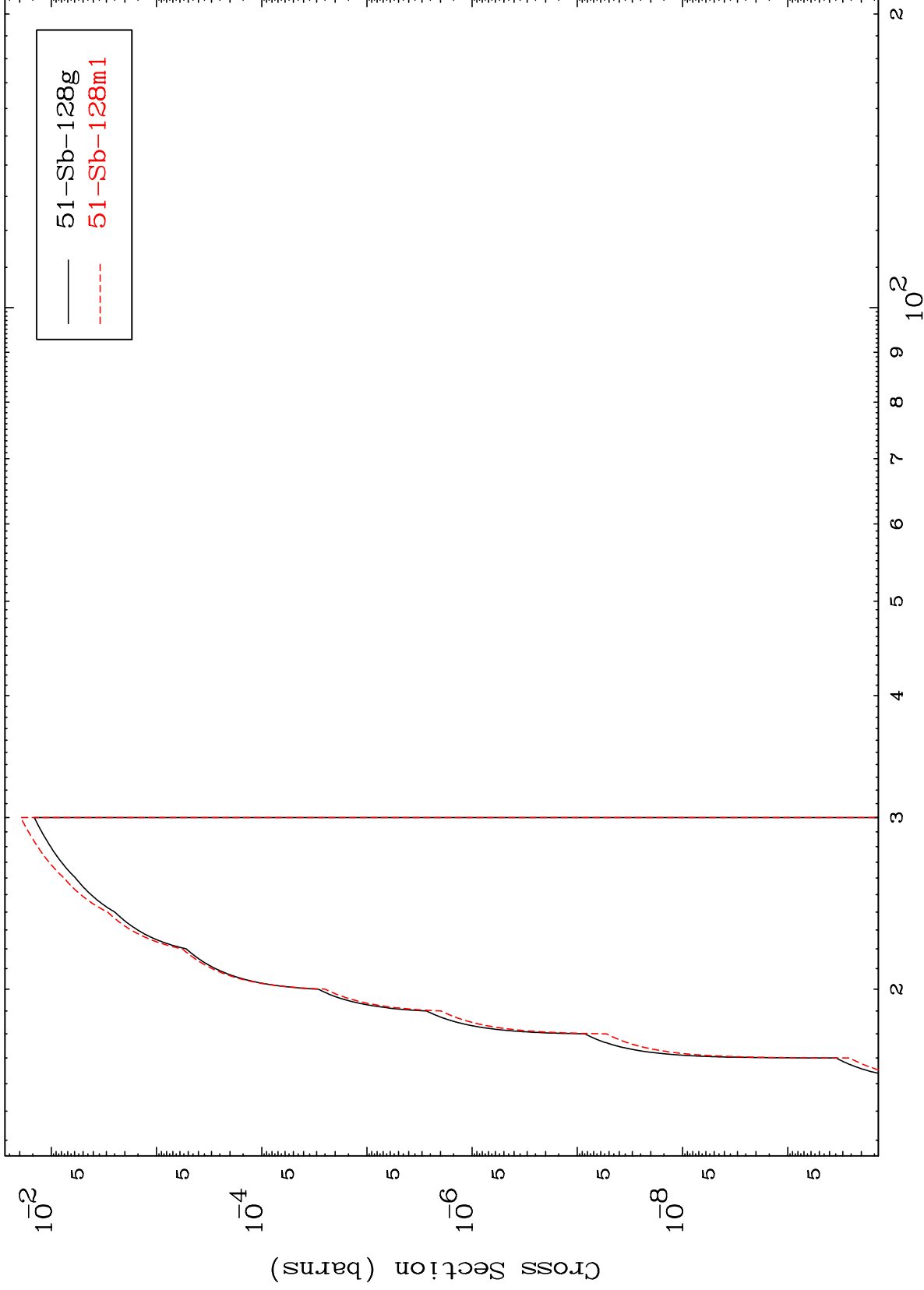
— 52-Te-131g
- - - 52-Te-131m1

12

51-Sb-130

Incident Energy (MeV)

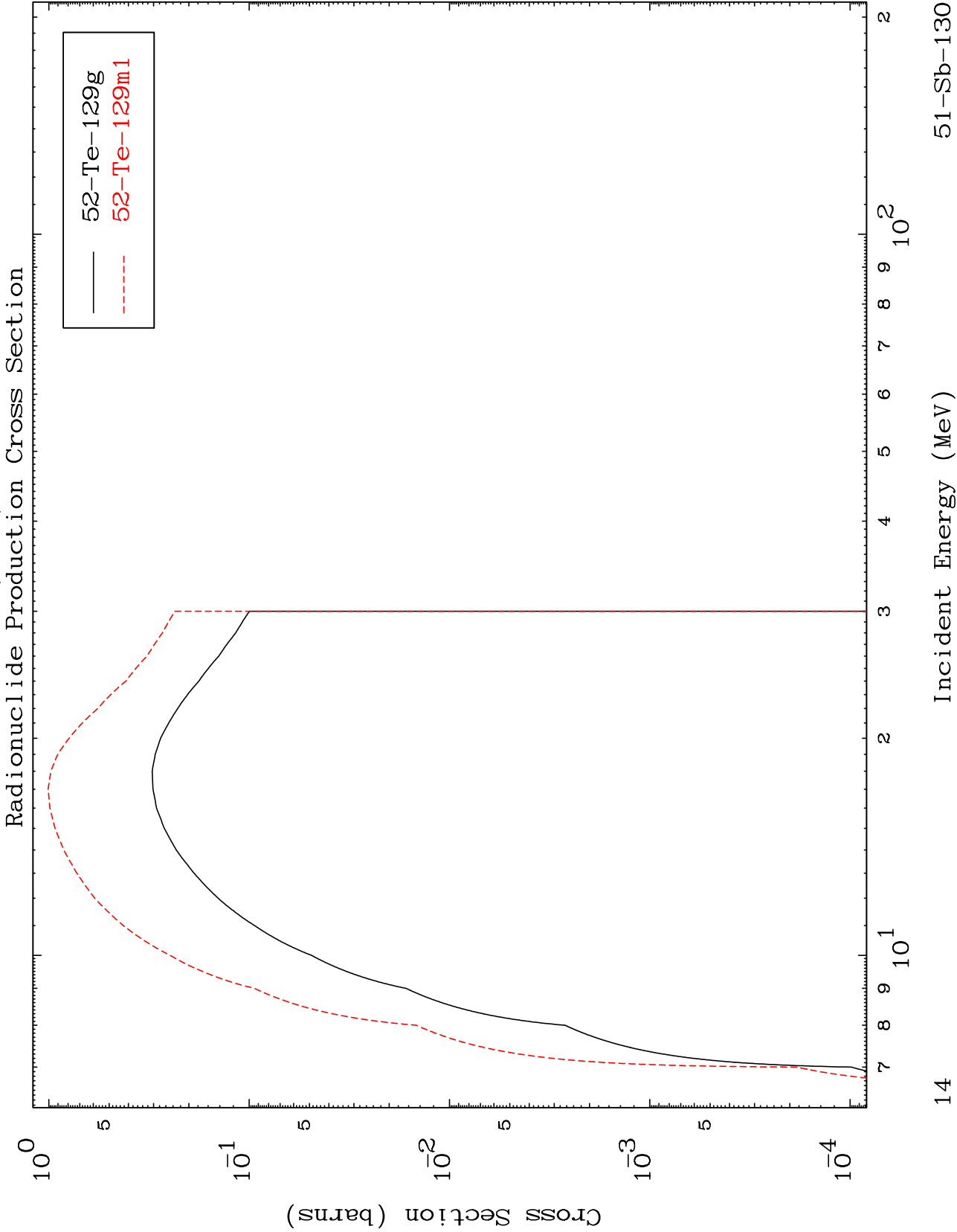
Radionuclide Production Cross Section



MAT 5152

(n,3n)

51-Sb-130



14

Incident Energy (MeV)

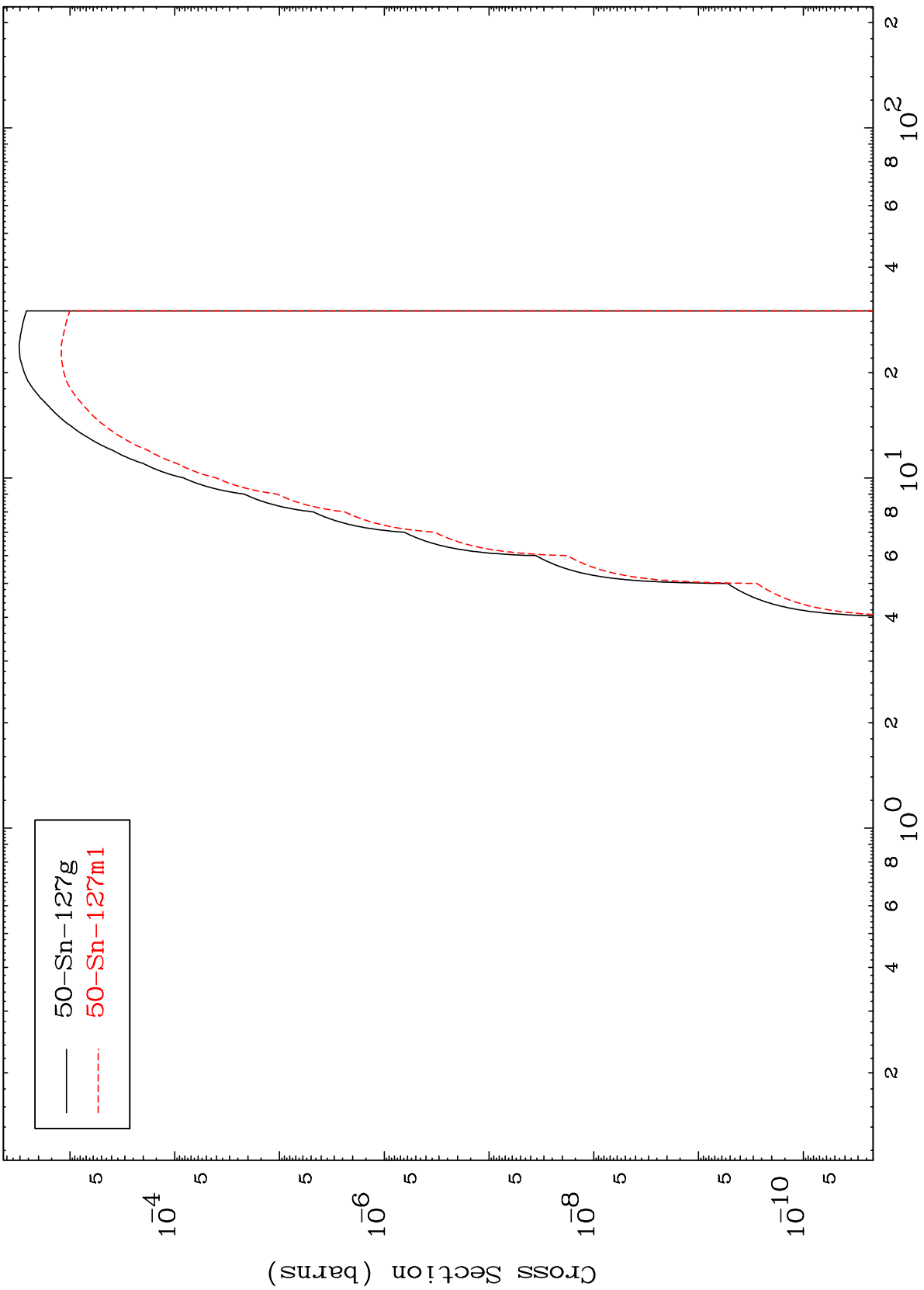
51-Sb-130

MAT 5152

$(n, n') \alpha$

51-Sb-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

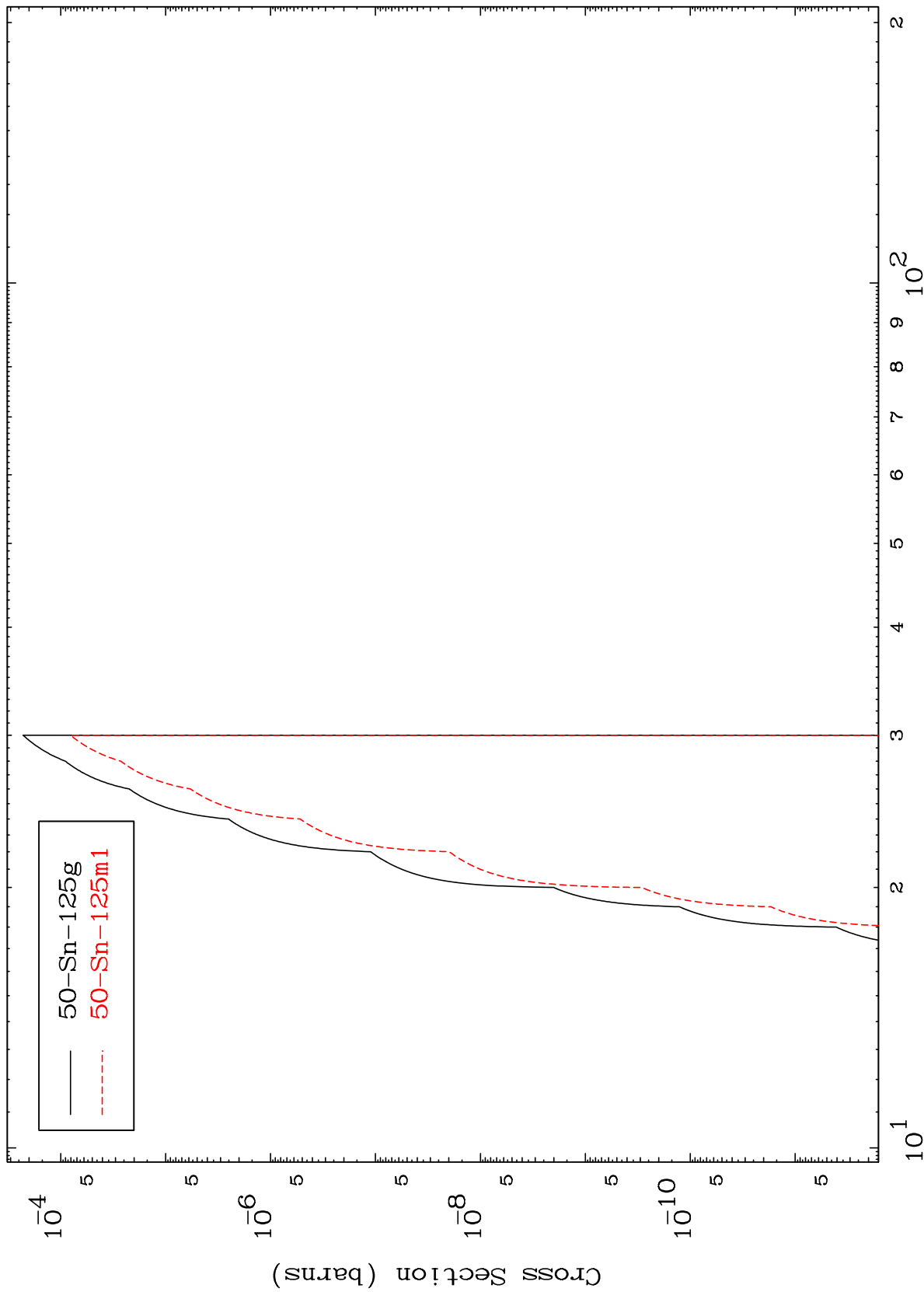
51-Sb-130

MAT 5152

(n,3n) α

51-Sb-130

Radionuclide Production Cross Section



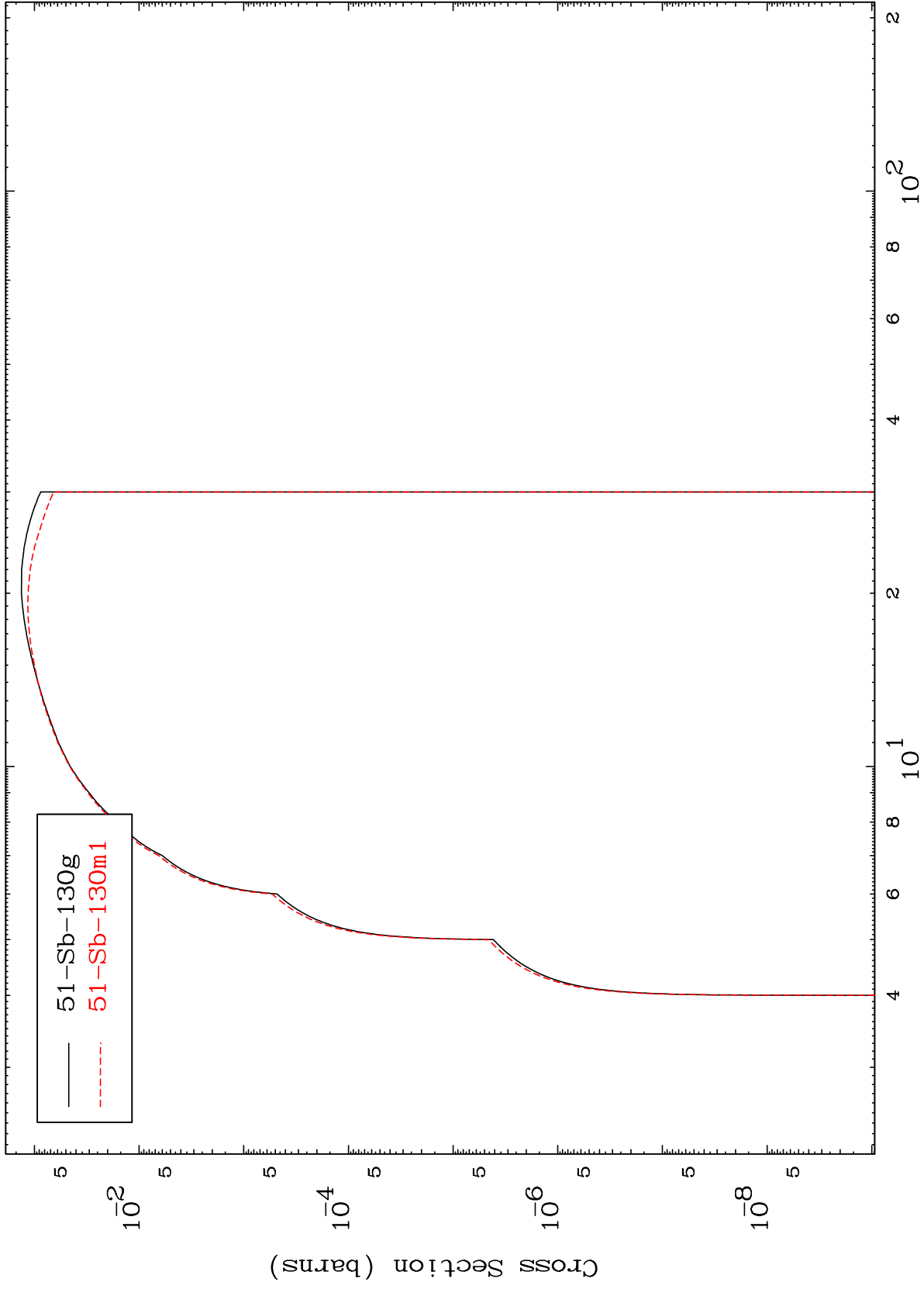
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(n,n') p
Radionuclide Production Cross Section



51-Sb-130

Incident Energy (MeV)

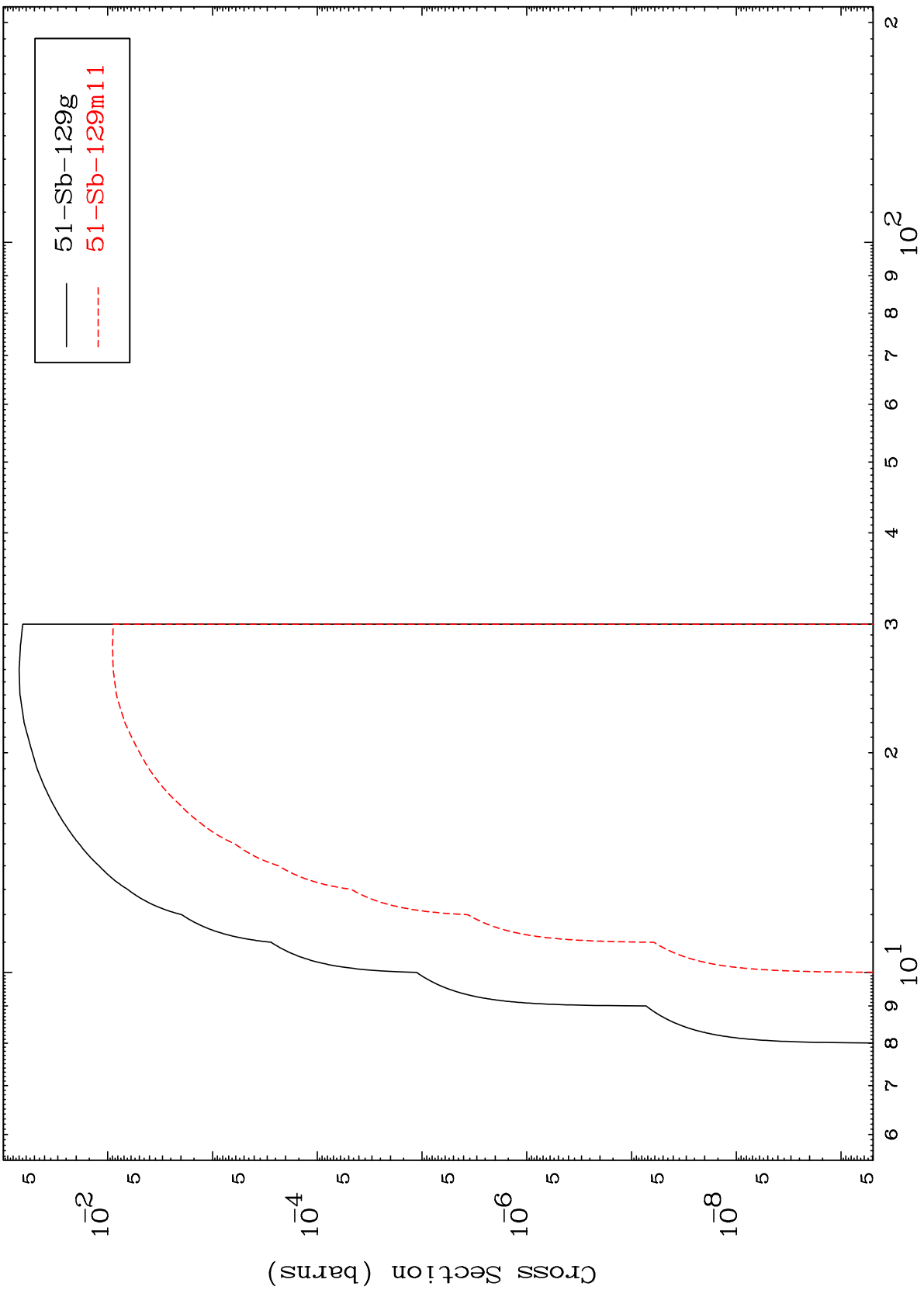
17

MAT 5152

(n,n') d

51-Sb-130

Radionuclide Production Cross Section



18

Incident Energy (MeV)

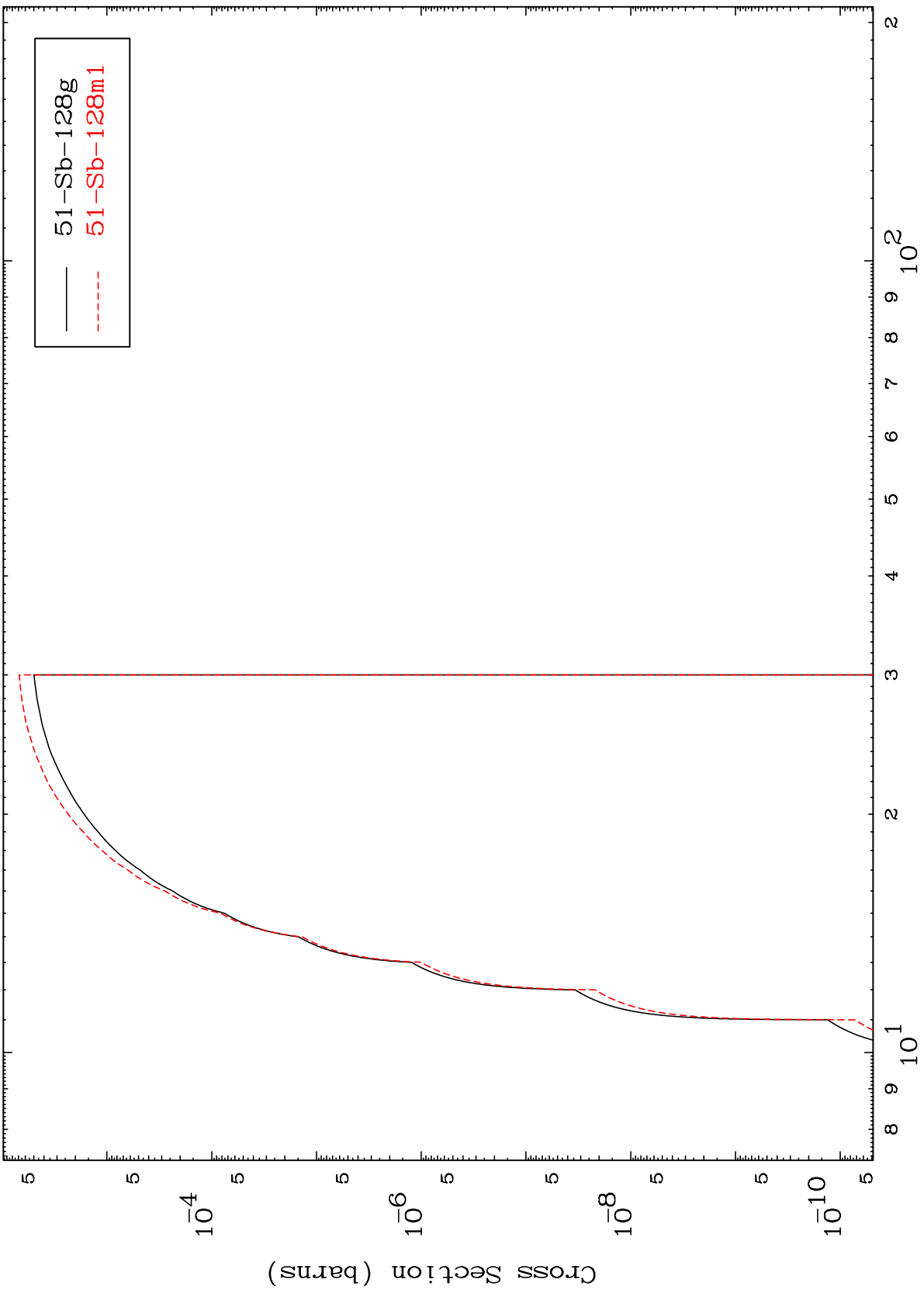
51-Sb-130

MAT 5152

(n,n') t

51-Sb-130

Radionuclide Production Cross Section



19

Incident Energy (MeV)

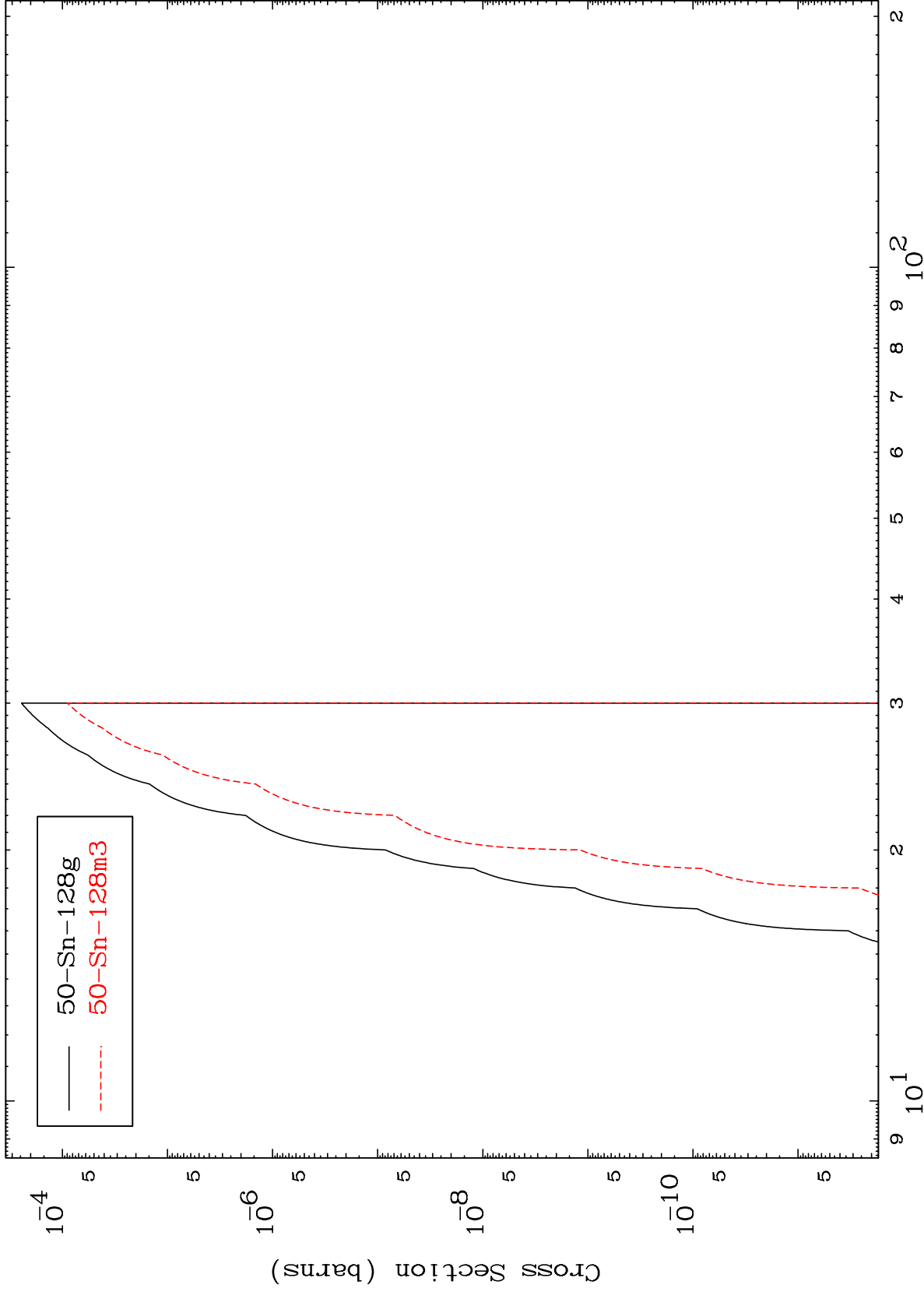
51-Sb-130

MAT 5152

(n,n') He-3

51-Sb-130

Radionuclide Production Cross Section



50-Sn-128g
50-Sn-128m3

Incident Energy (MeV)

51-Sb-130

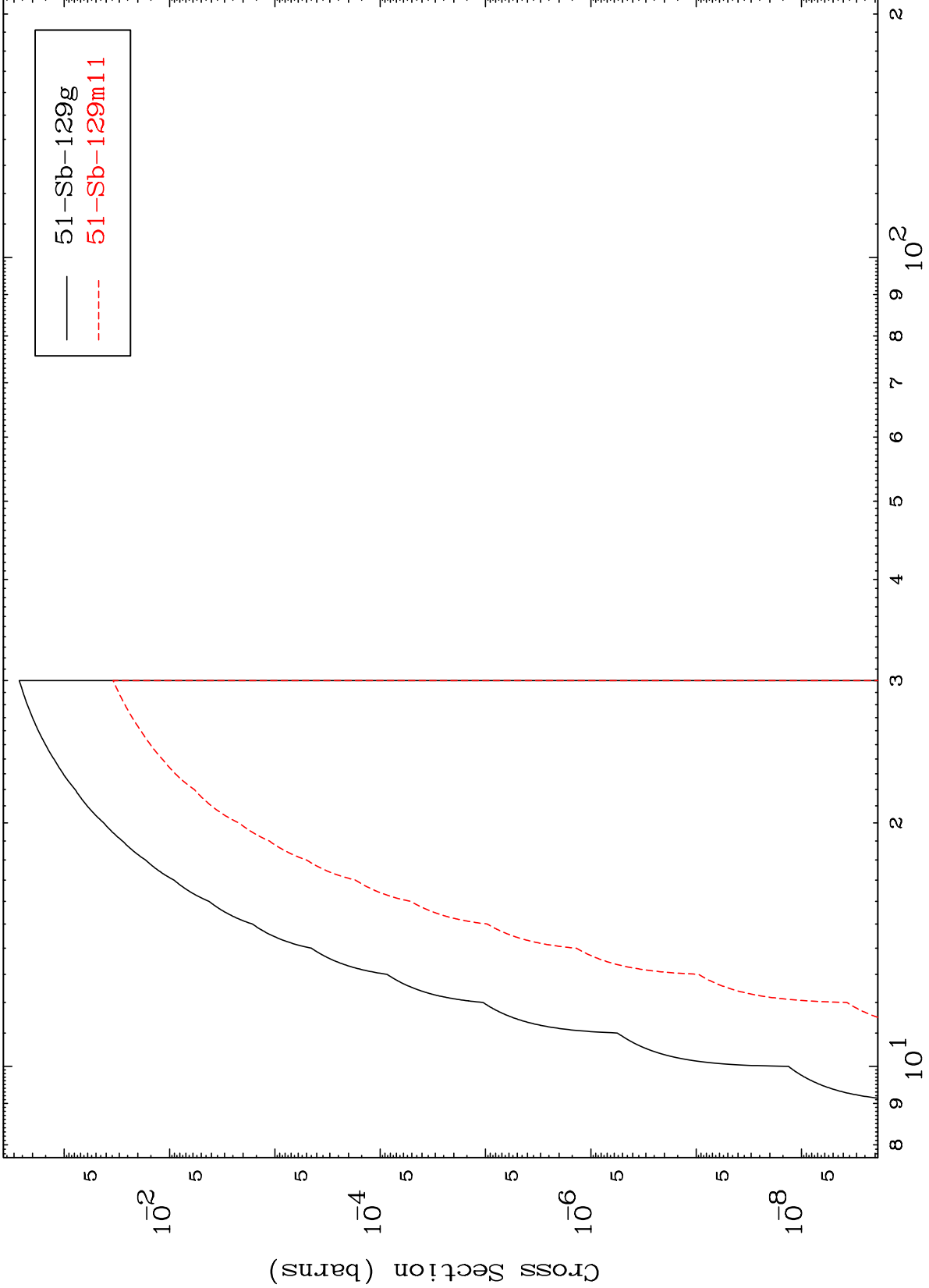
20

MAT 5152

(n,2n) p

51-Sb-130

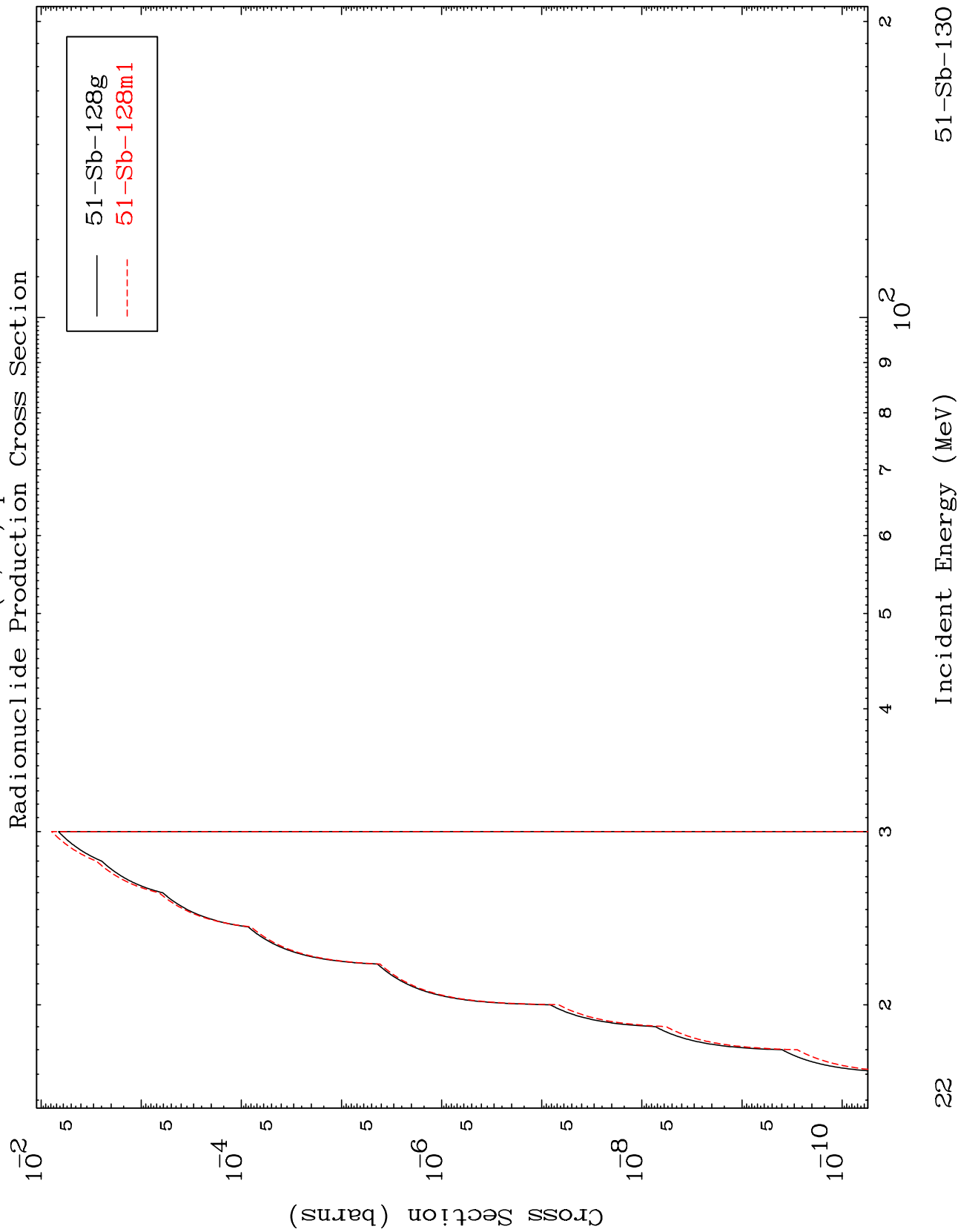
Radionuclide Production Cross Section



MAT 5152

(n,3n) p

51-Sb-130



22

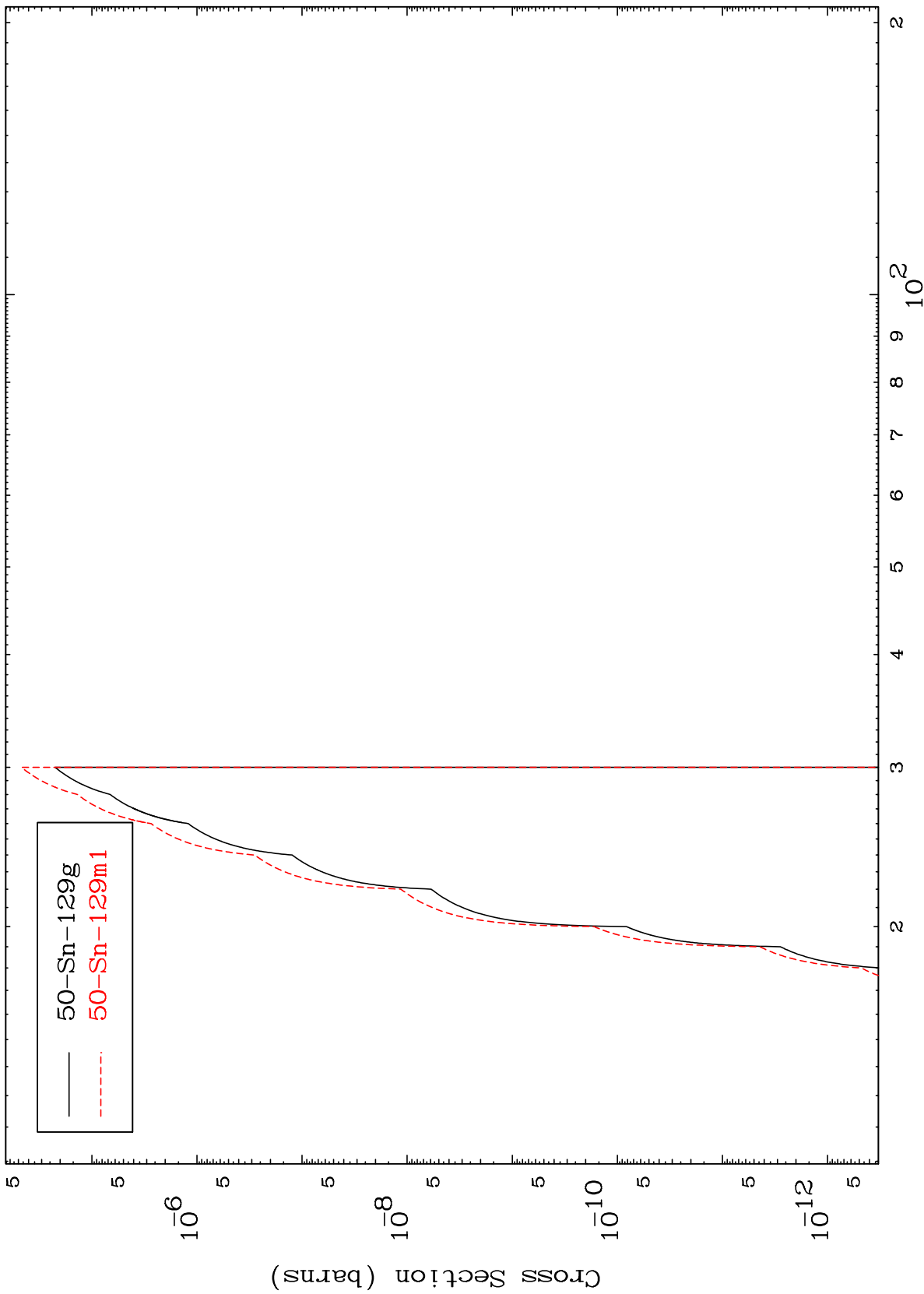
51-Sb-130

MAT 5152

(n,2n) p

51-Sb-130

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-130

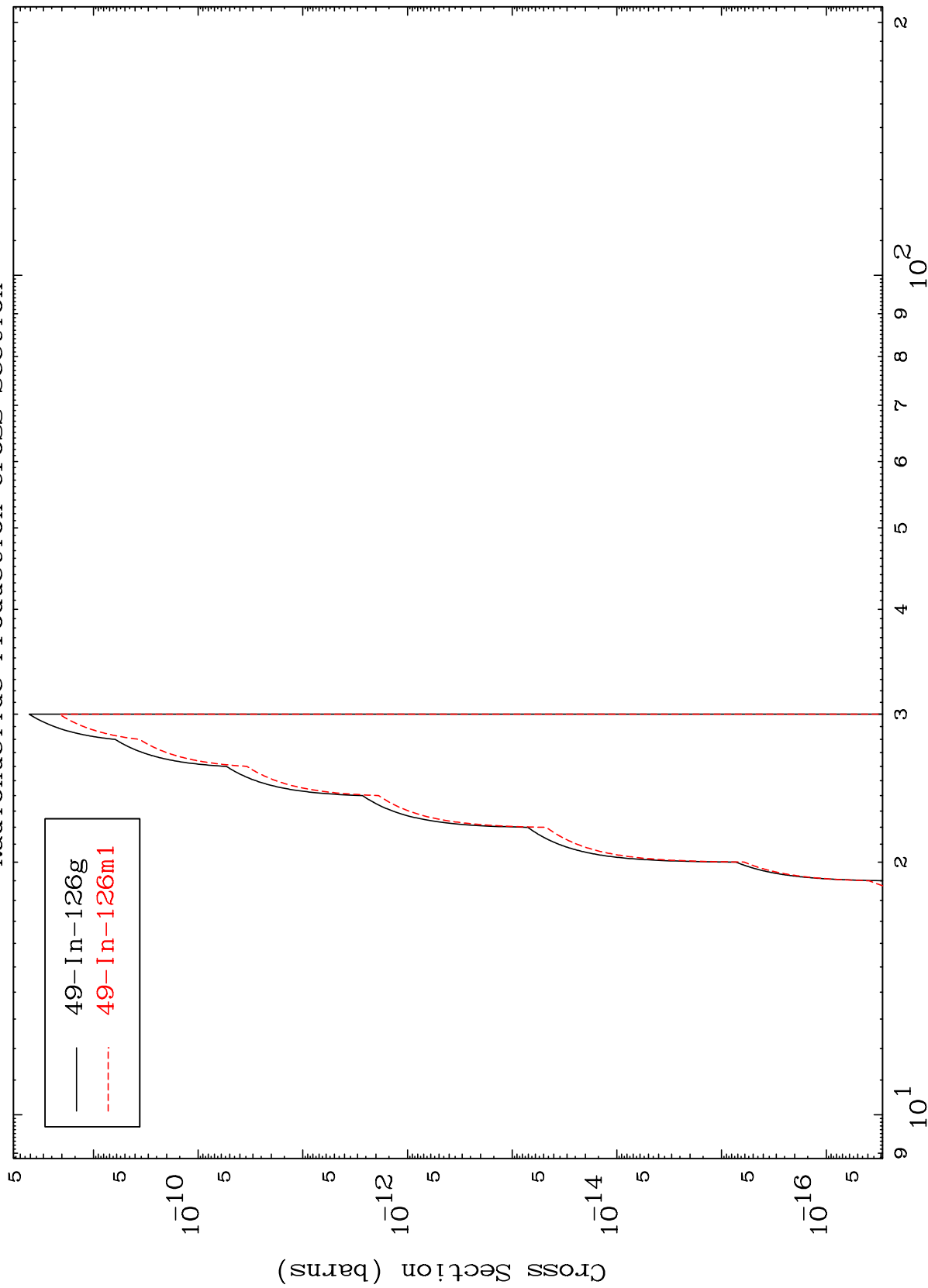
23

MAT 5152

(n,n') p α

51-Sb-130

Radionuclide Production Cross Section



24

Incident Energy (MeV)

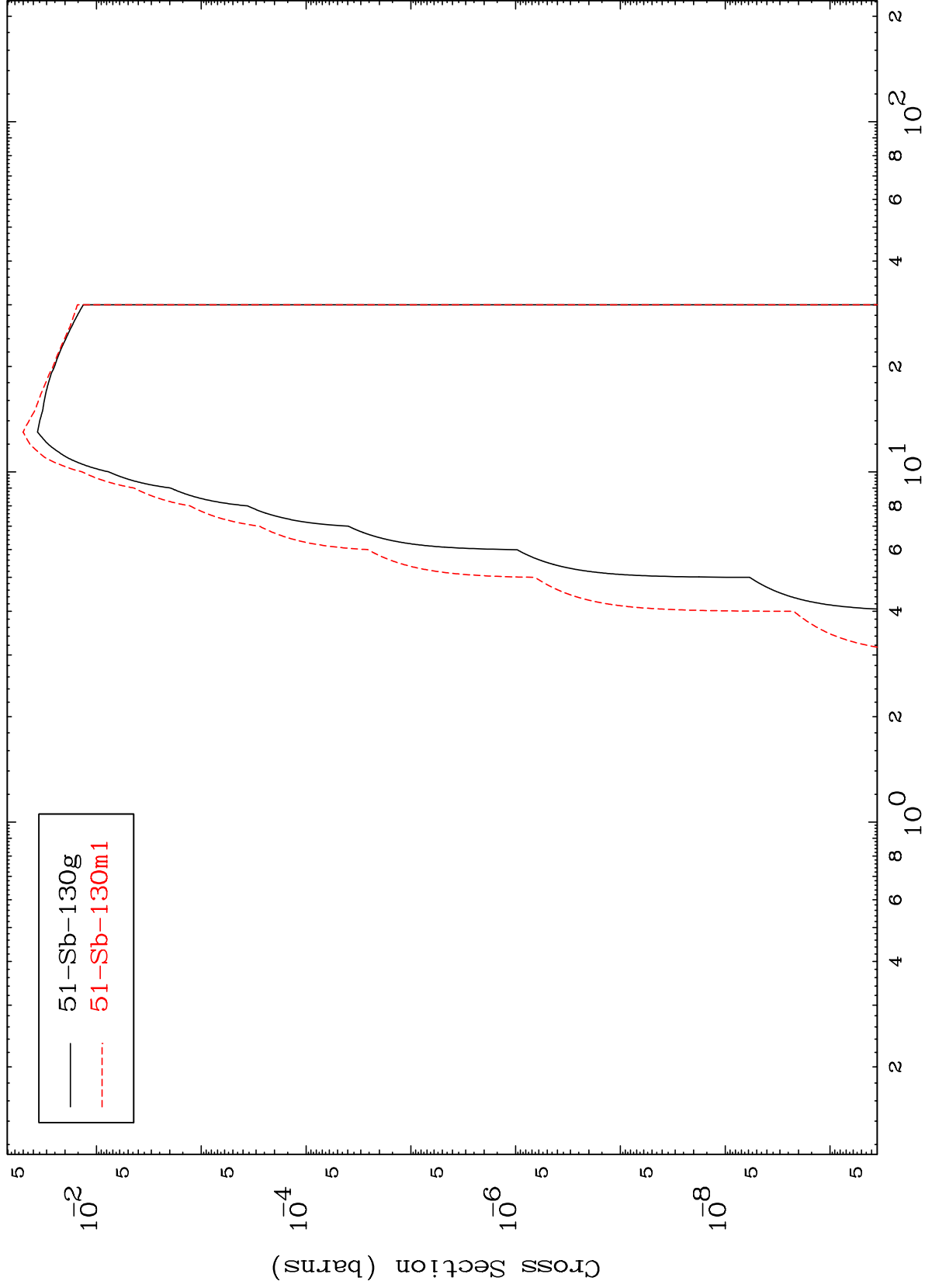
51-Sb-130

MAT 5152

(n,d)

51-Sb-130

Radionuclide Production Cross Section



25

Incident Energy (MeV)

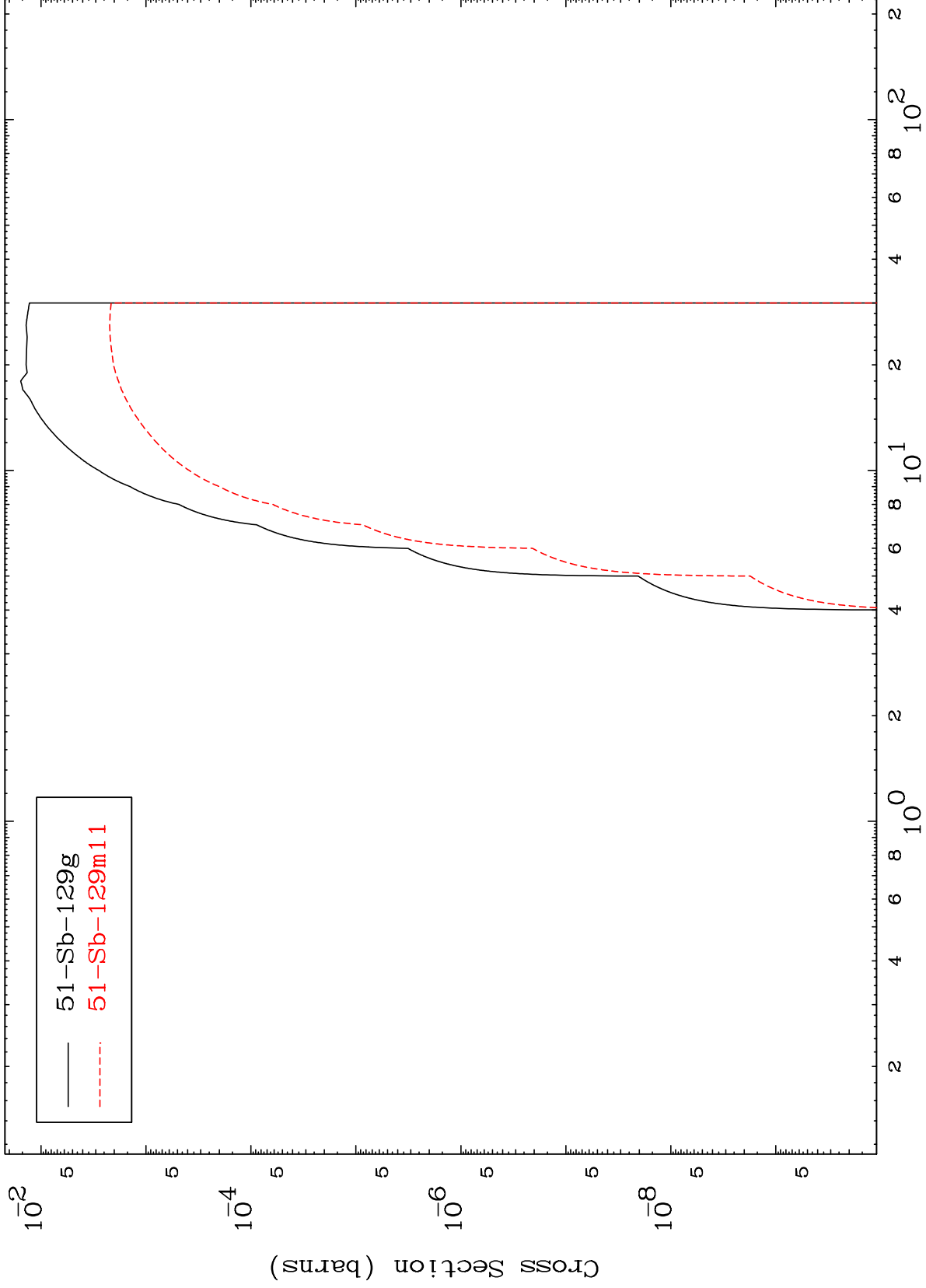
51-Sb-130

MAT 5152

(n, t)

51-Sb-130

Radionuclide Production Cross Section



26

Incident Energy (MeV)

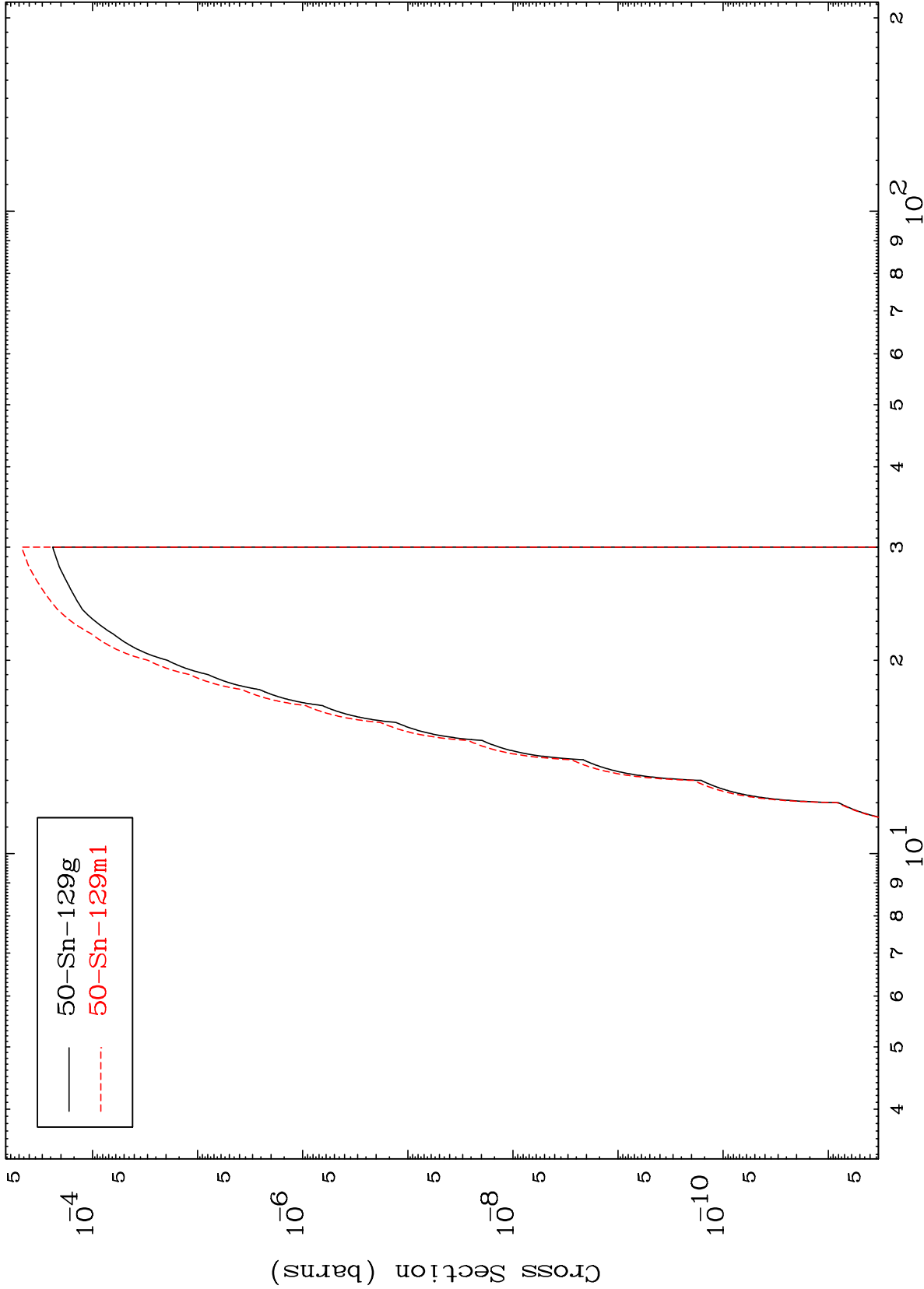
51-Sb-130

MAT 5152

(n,He-3)

51-Sb-130

Radionuclide Production Cross Section



Incident Energy (MeV)

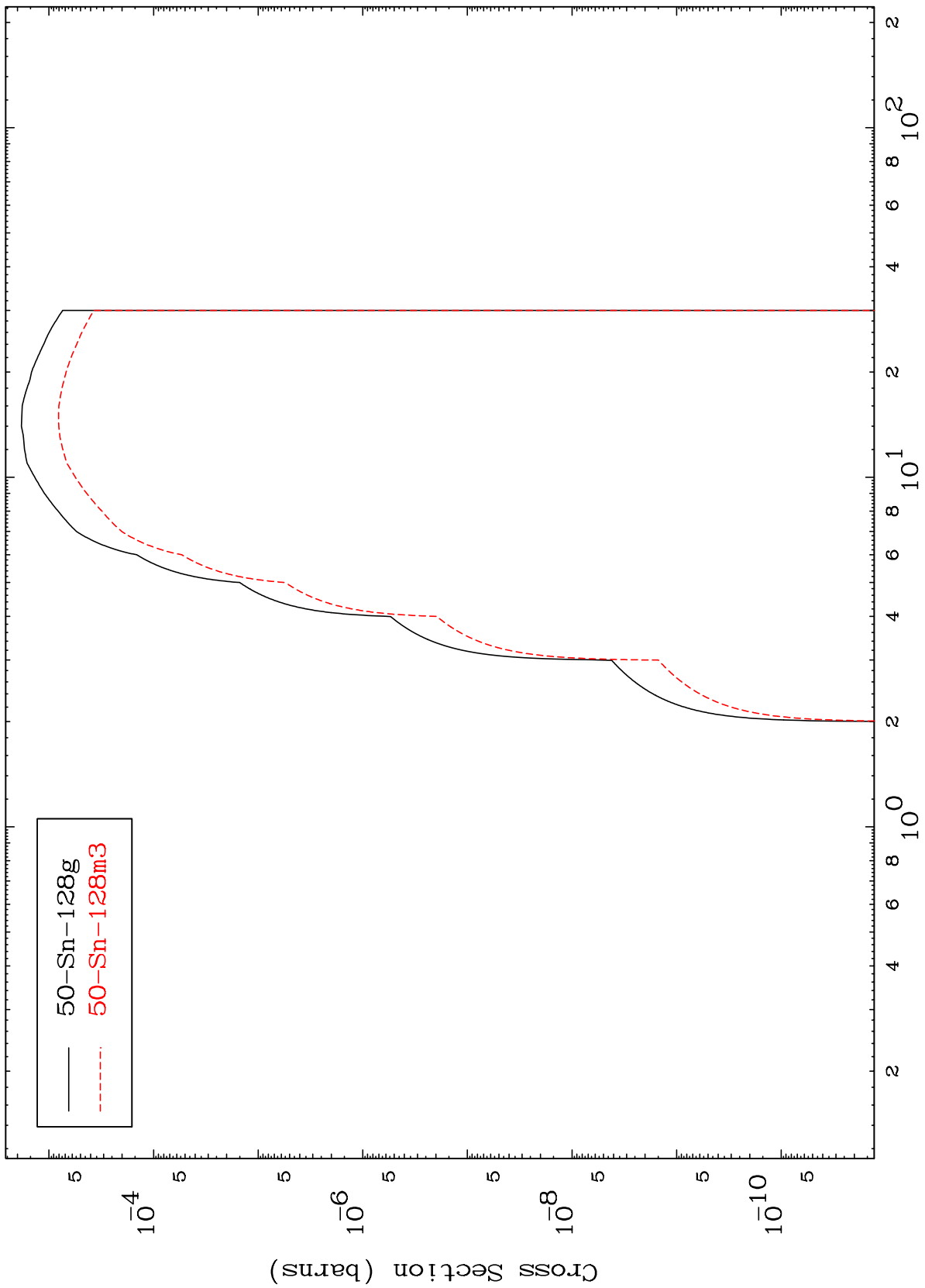
51-Sb-130

27

MAT 5152

51-Sb-130

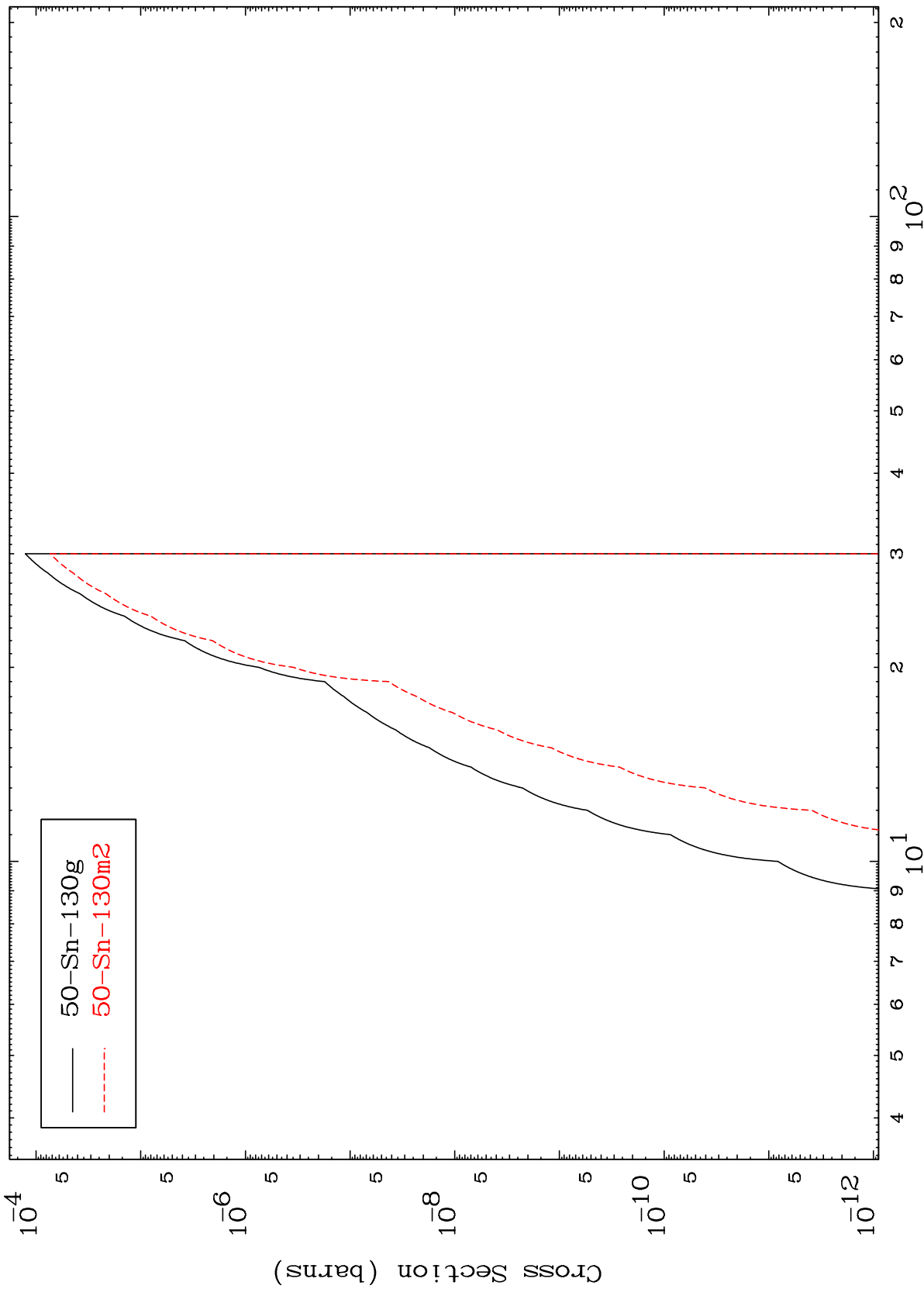
(n, α)
Radionuclide Production Cross Section



MAT 5152

51-Sb-130

Radionuclide Production Cross Section
(n,2p)



29

51-Sb-130

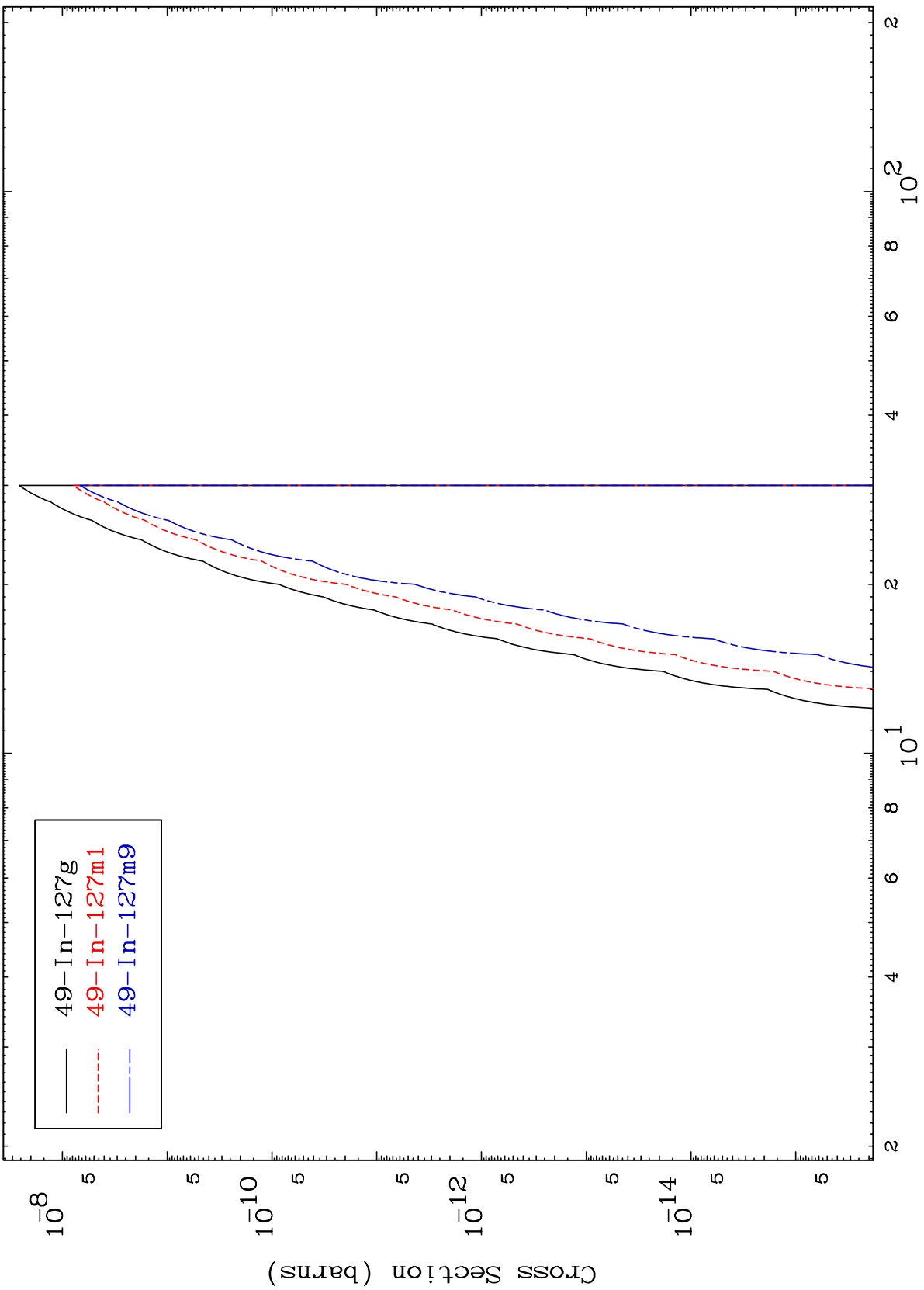
Incident Energy (MeV)

MAT 5152

(n,p) α

51-Sb-130

Radionuclide Production Cross Section



30

Incident Energy (MeV)

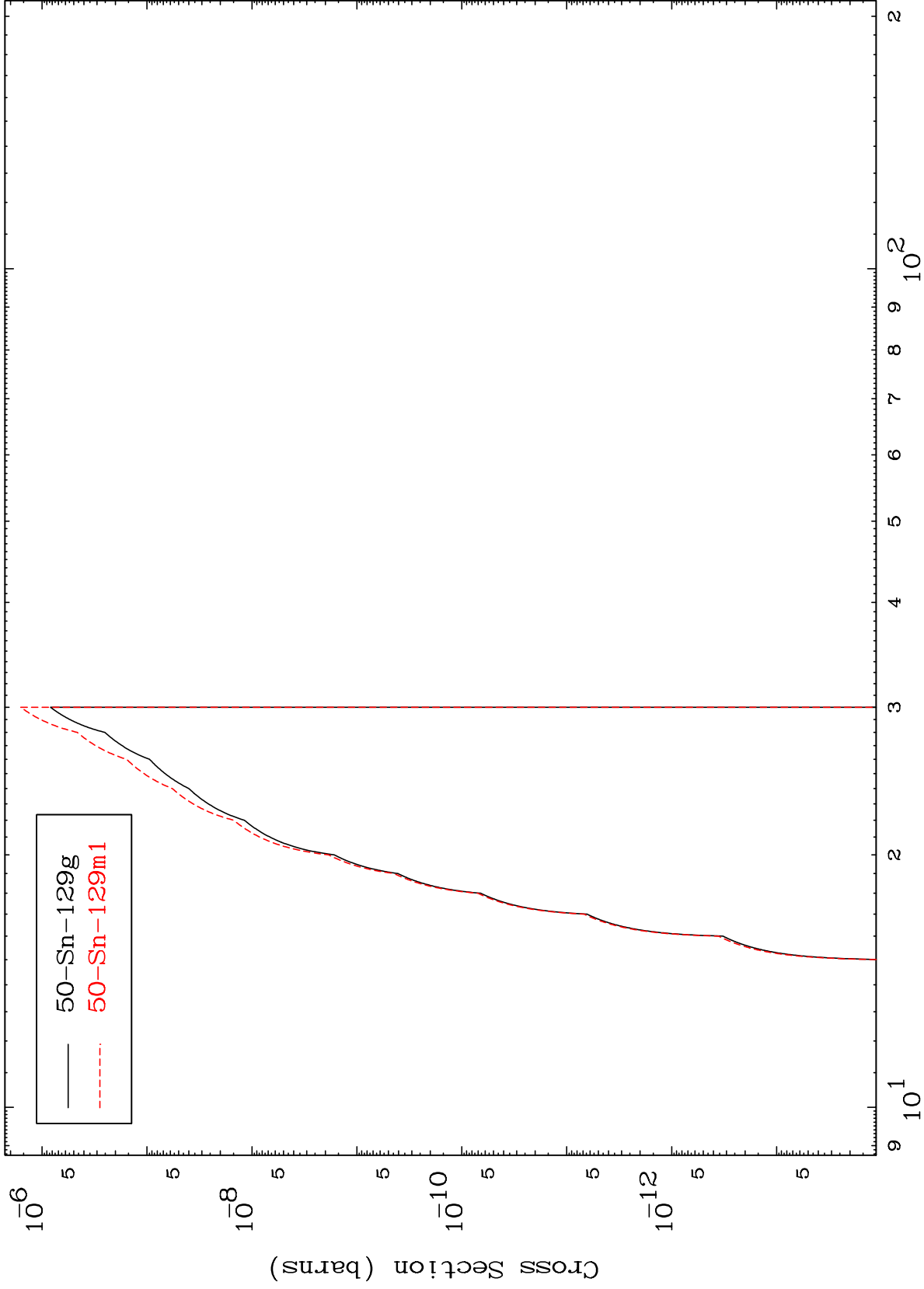
51-Sb-130

MAT 5152

(n,p) d

51-Sb-130

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-130

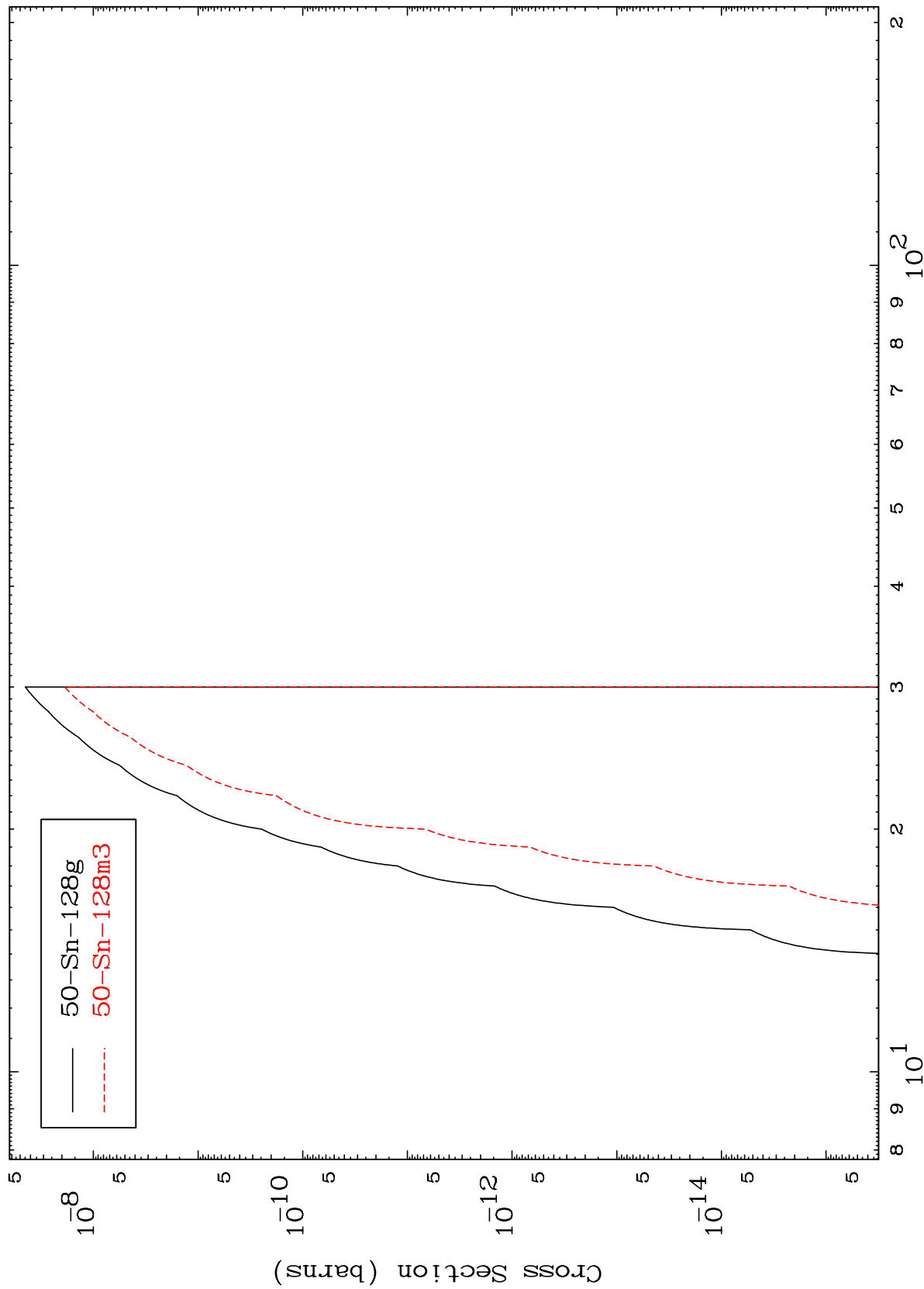
31

MAT 5152

(n,p) t

51-Sb-130

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-130

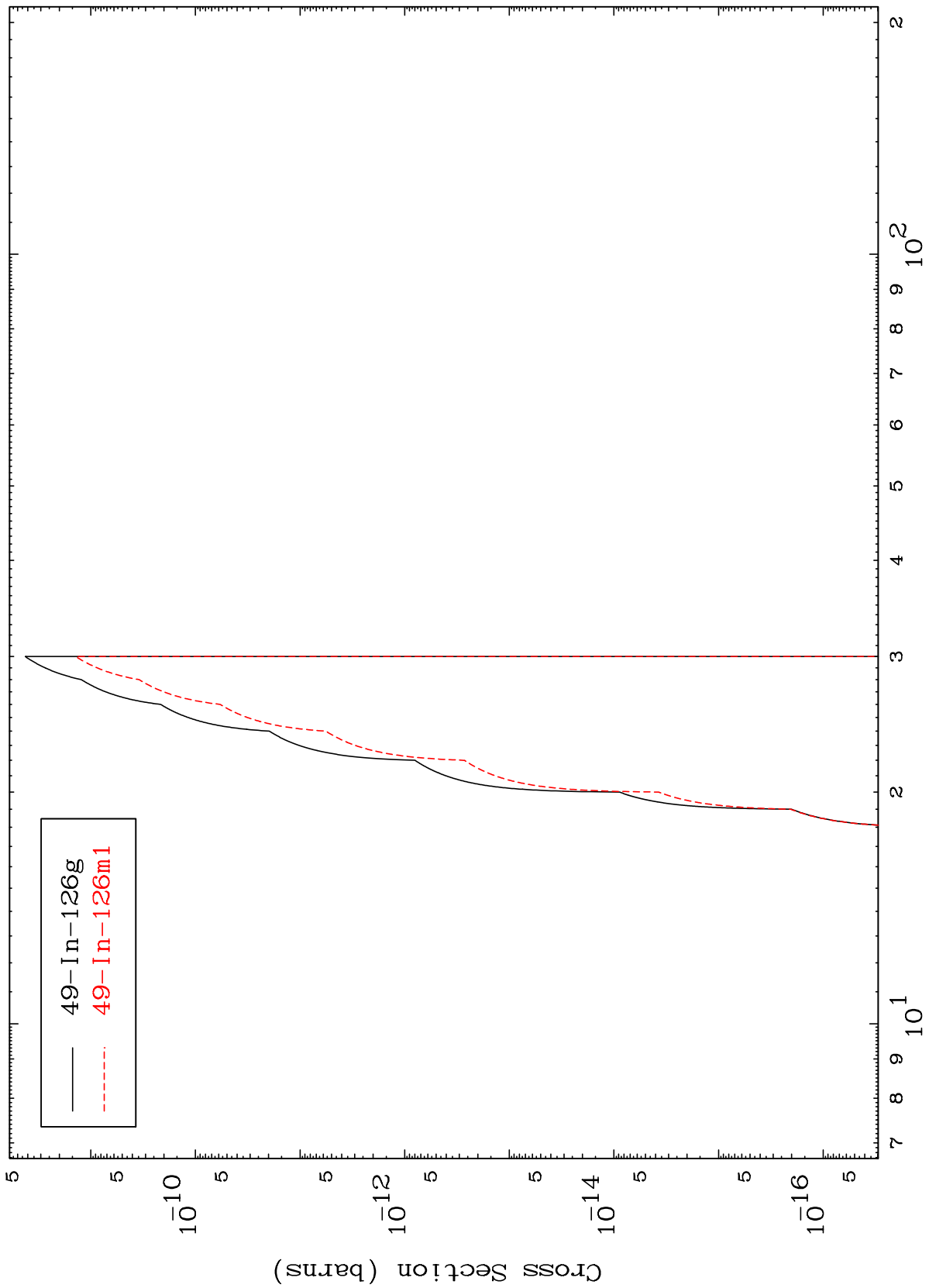
32

MAT 5152

(n,d) α

51-Sb-130

Radionuclide Production Cross Section



49-In-126g
49-In-126m1

33

Incident Energy (MeV)

51-Sb-130