

Program EVALPLOT
(Version 2018-1)

by

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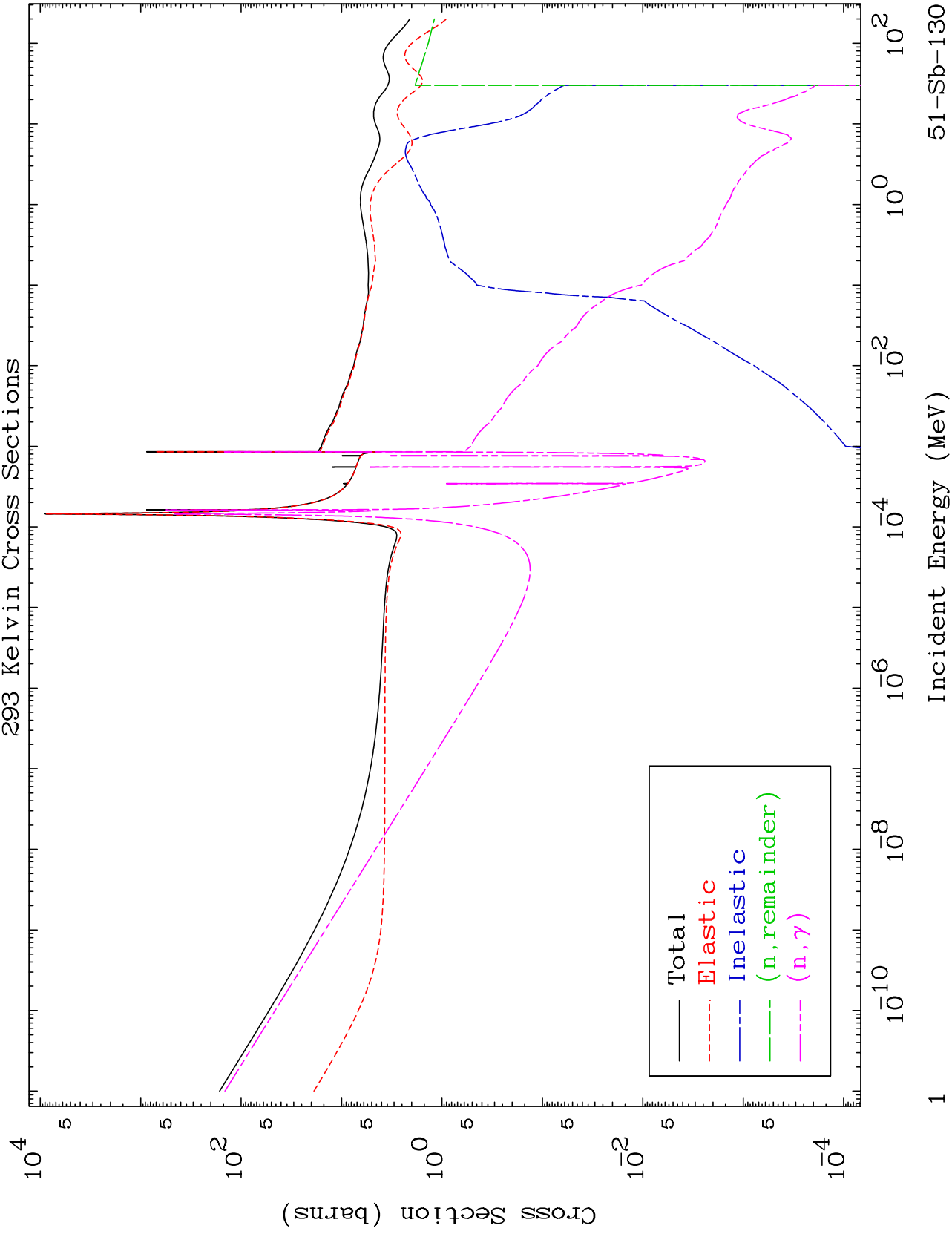
Press Mouse Button to Start

MAT 5153

Major

293 Kelvin Cross Sections

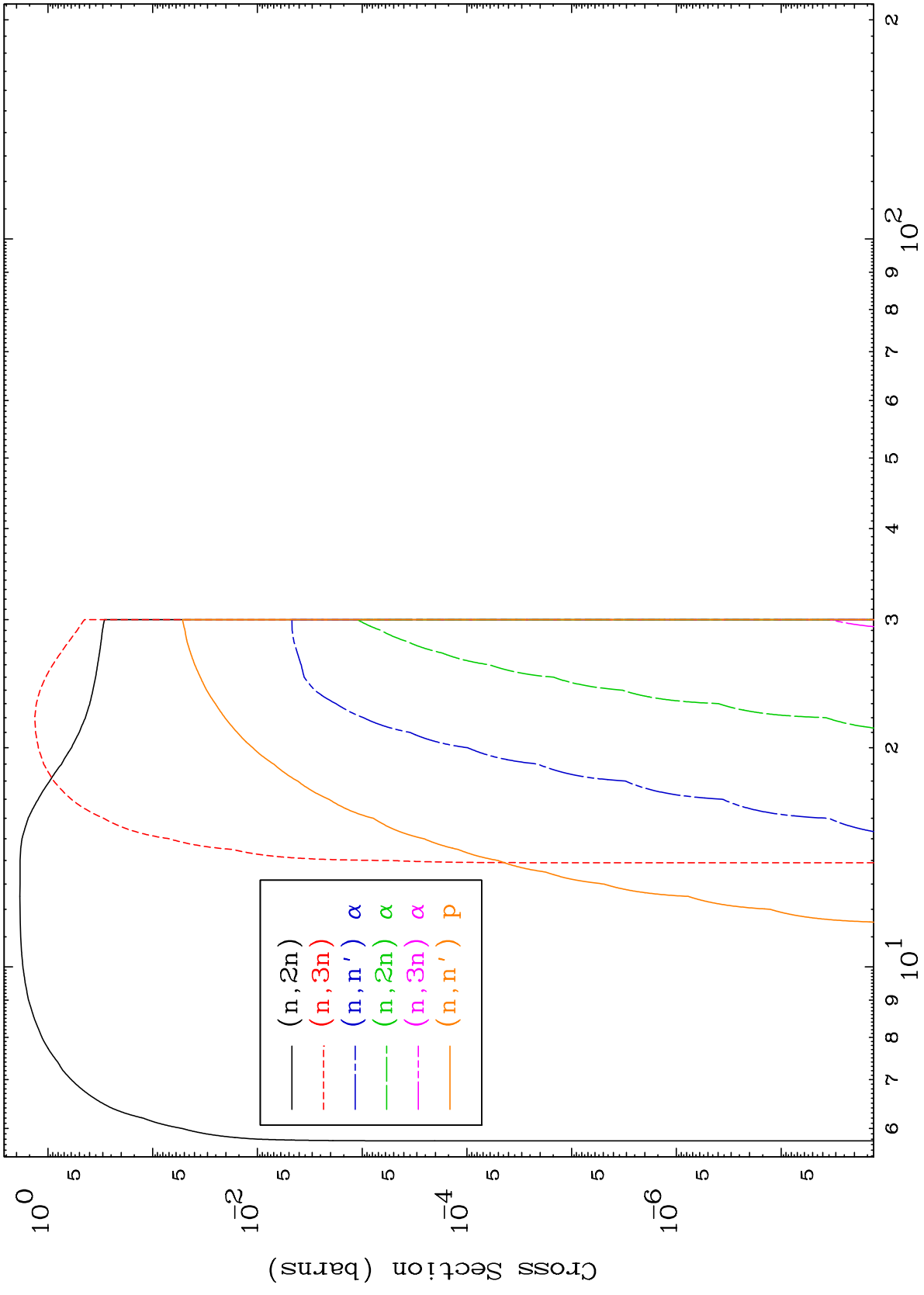
51-Sb-130



MAT 5153

Neutron Production
293 Kelvin Cross Sections

51-Sb-130



2

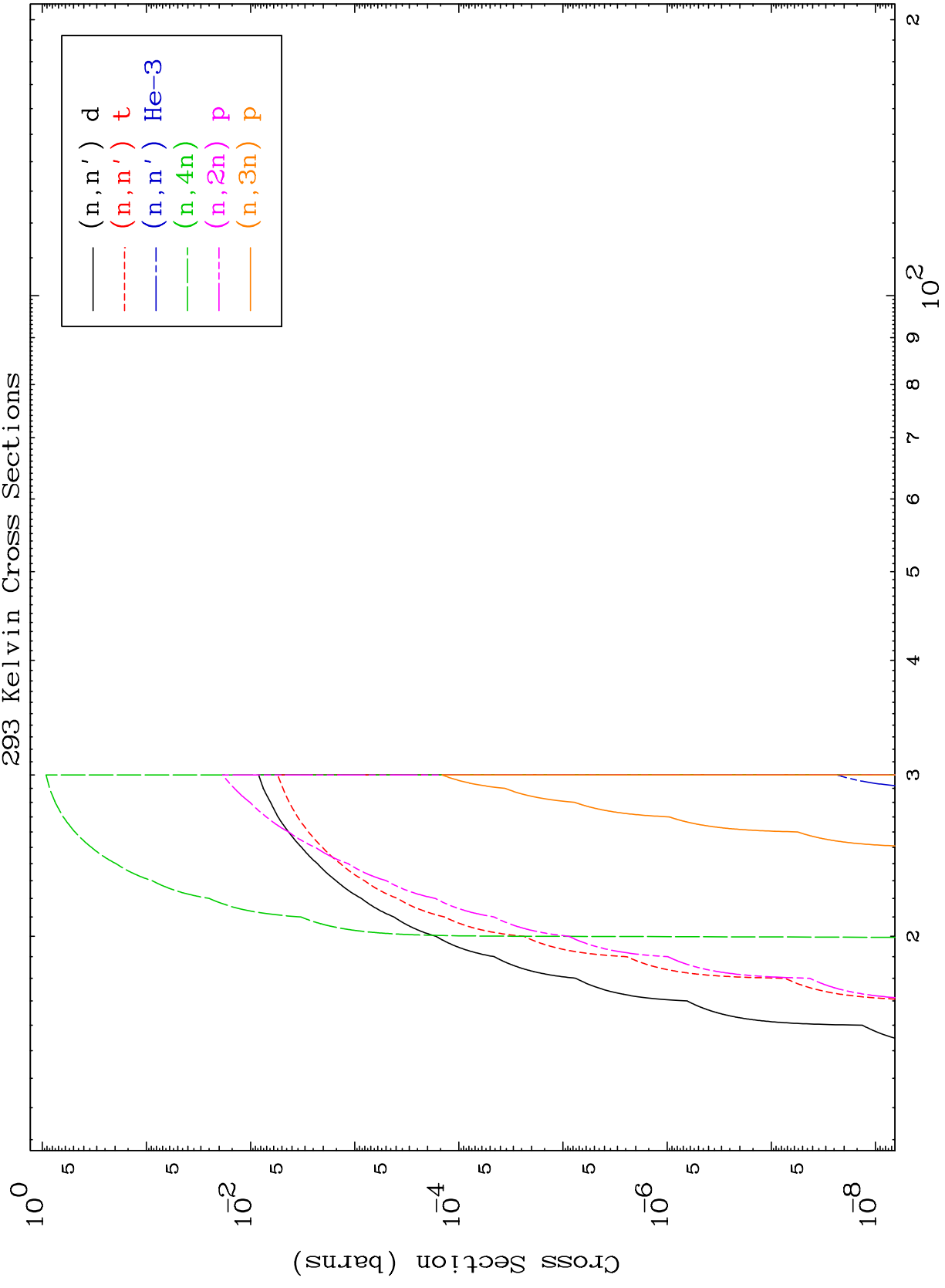
Incident Energy (MeV)

51-Sb-130

MAT 5153

Neutron Production
293 Kelvin Cross Sections

51-Sb-130



3

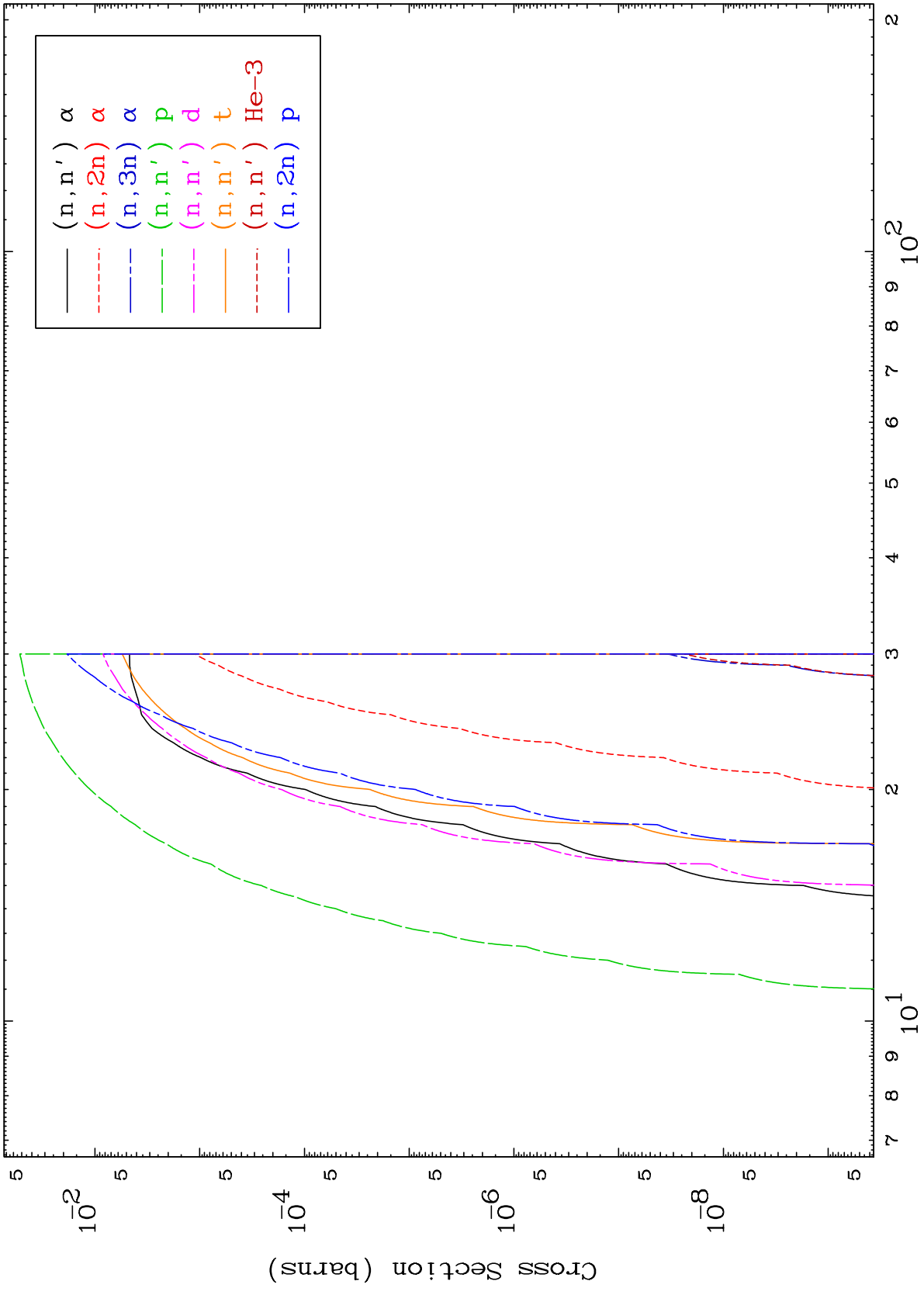
Incident Energy (MeV)

51-Sb-130

MAT 5153

Charged Particle
293 Kelvin Cross Sections

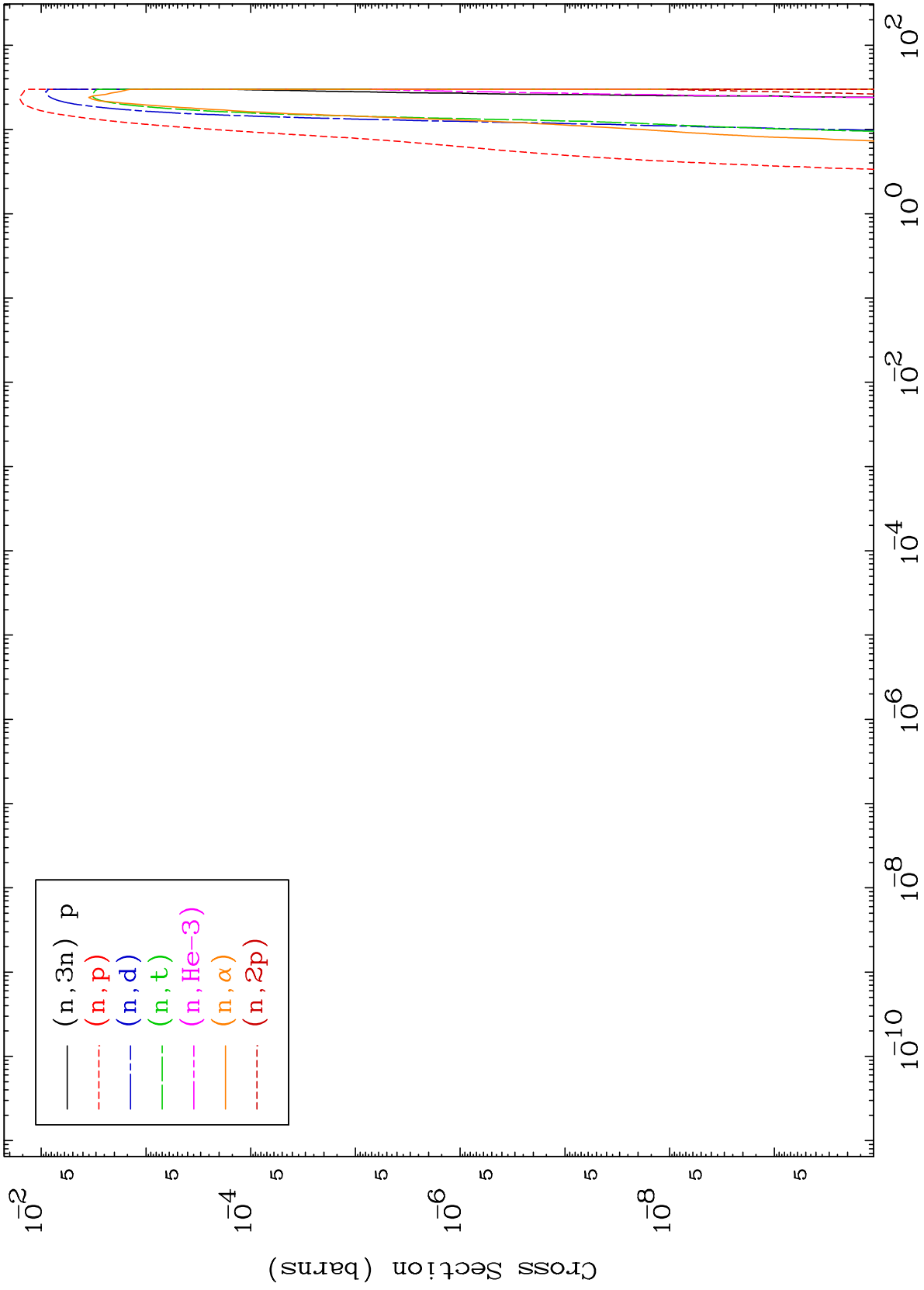
51-Sb-130



MAT 5153

Charged Particle
293 Kelvin Cross Sections

51-Sb-130



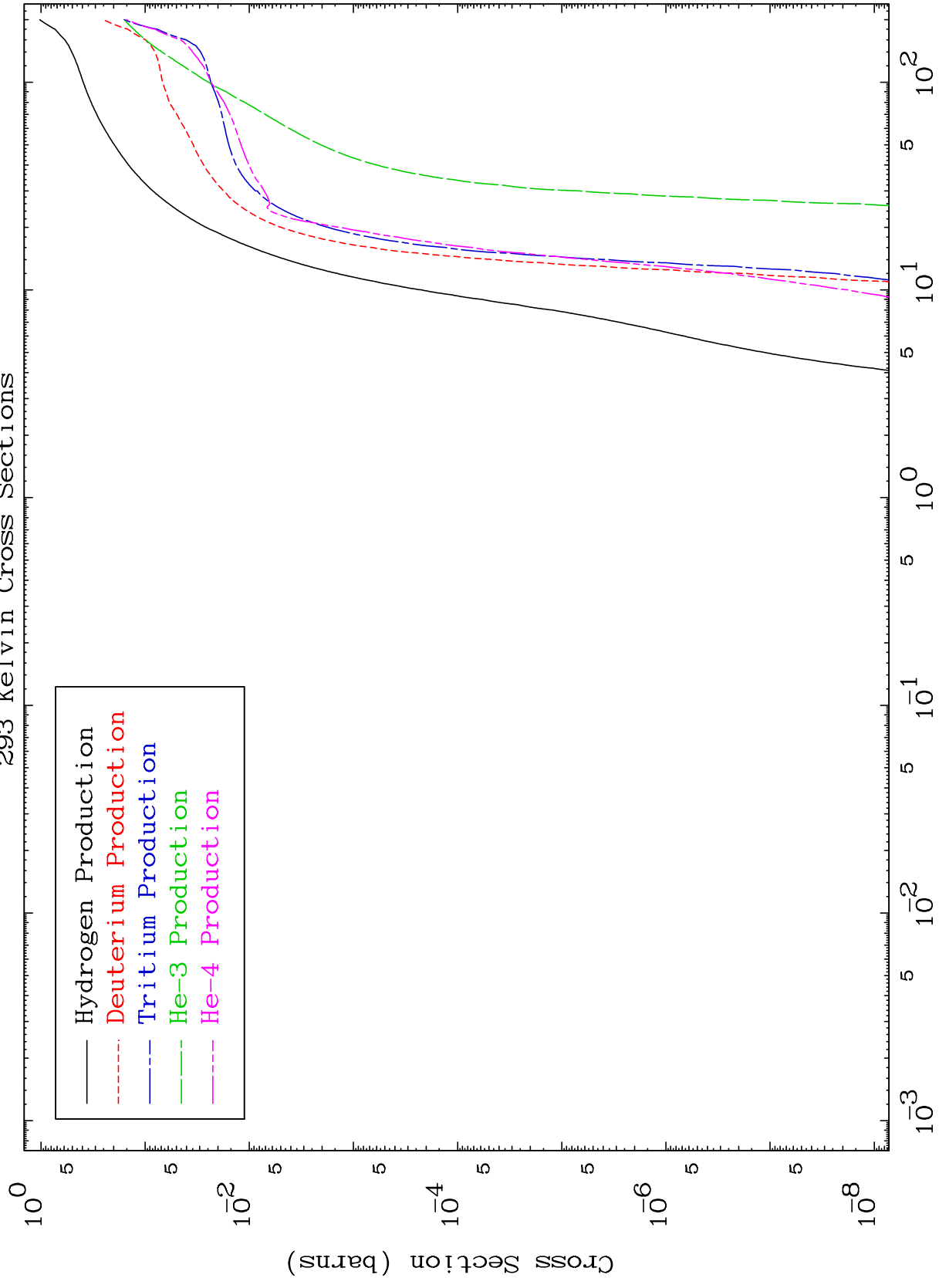
5

51-Sb-130

MAT 5153

Particle Production
293 Kelvin Cross Sections

51-Sb-130



51-Sb-130

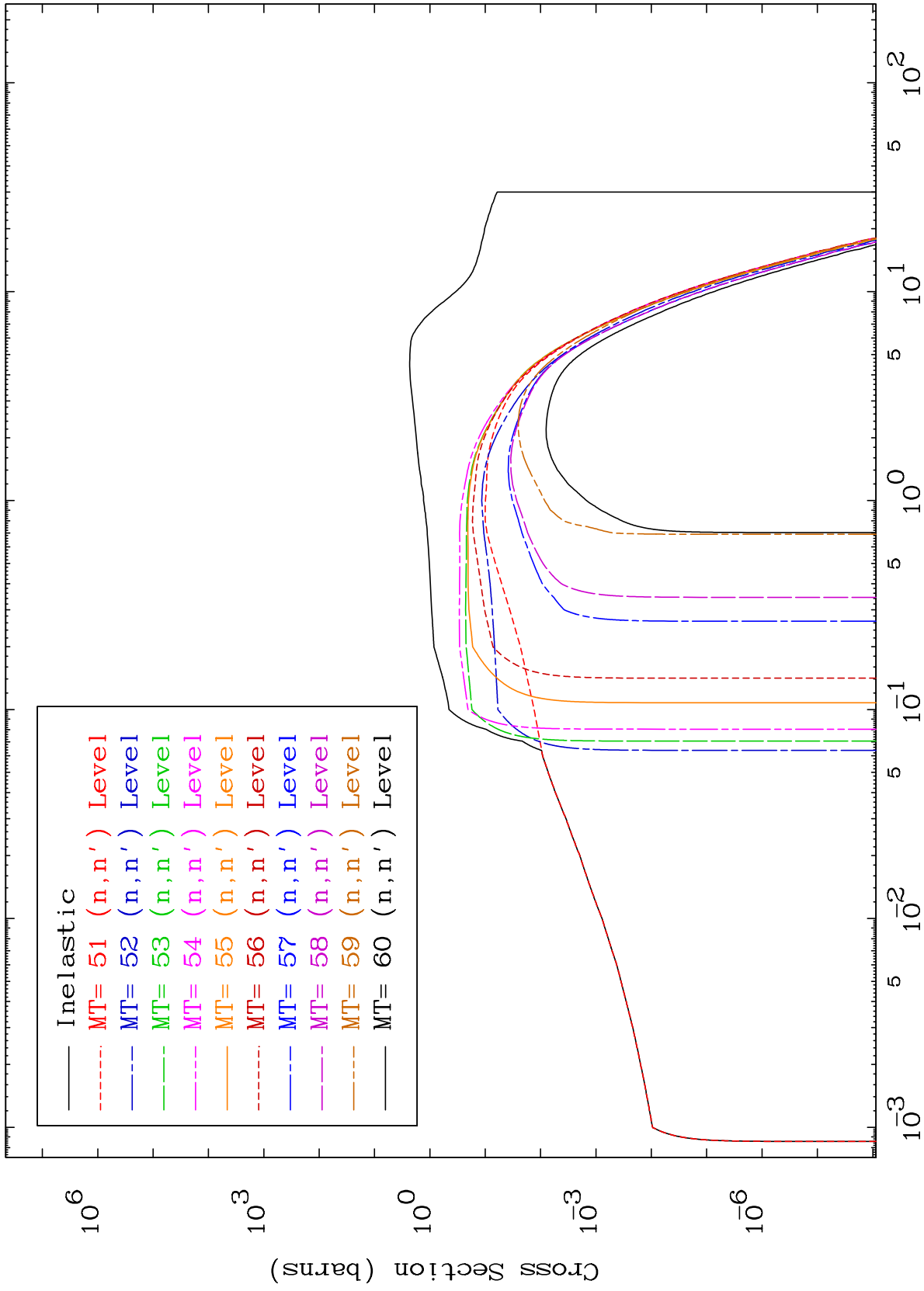
Incident Energy (MeV)

6

MAT 5153

(n,n') Level
293 Kelvin Cross Sections

51-Sb-130



7

Incident Energy (MeV)

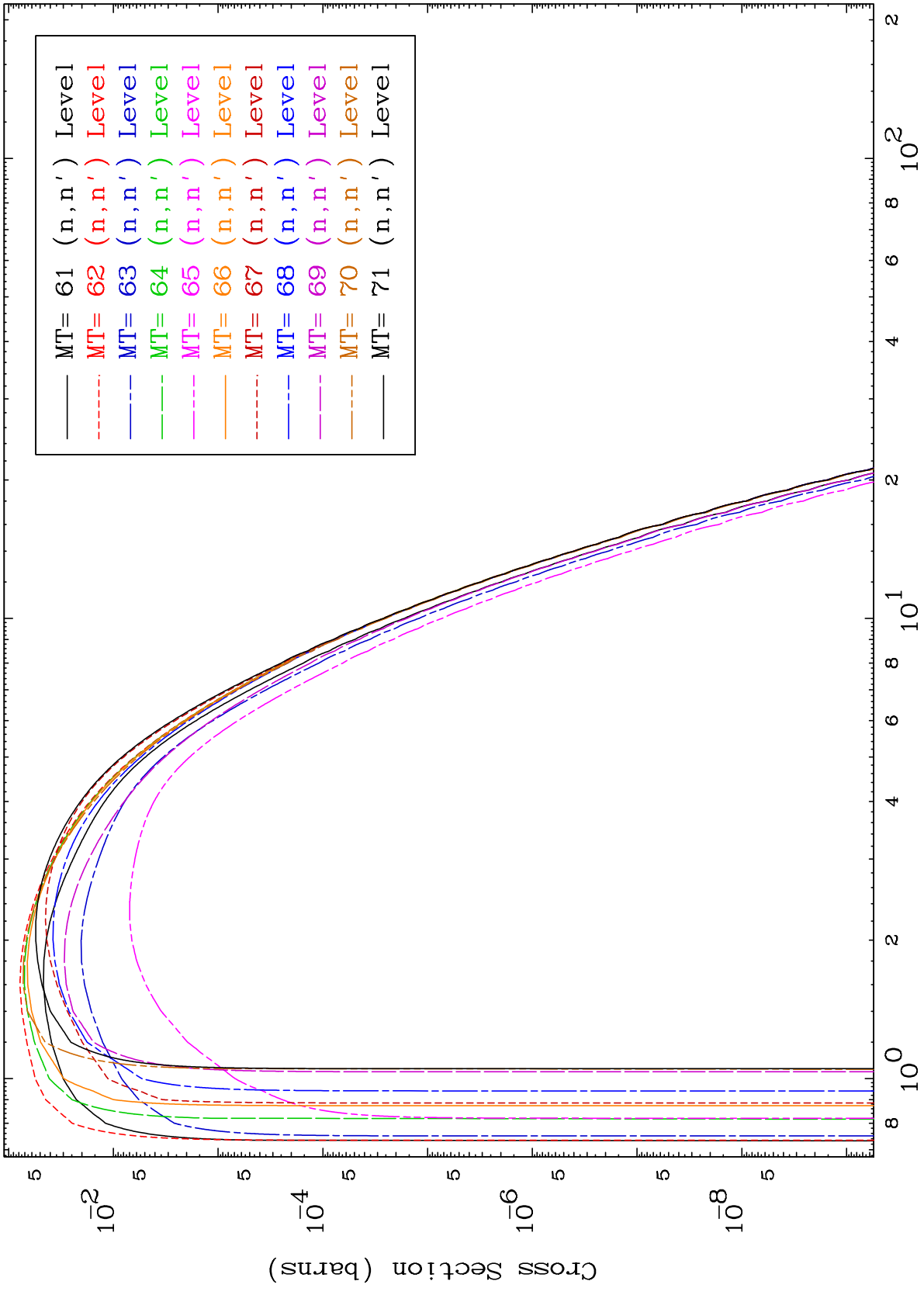
51-Sb-130

MAT 5153

(n,n') Level

51-Sb-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

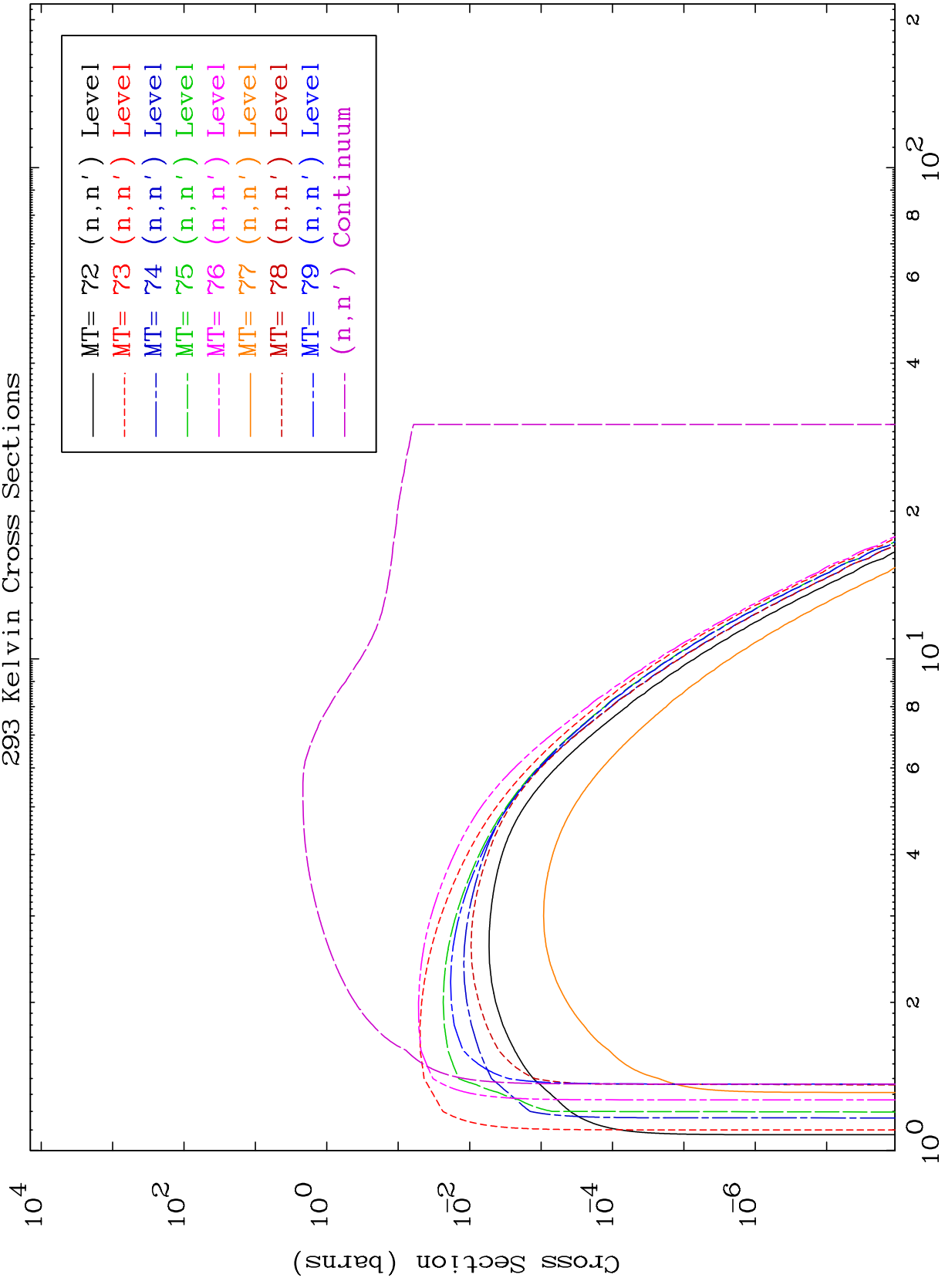
51-Sb-130

MAT 5153

(n,n') Level

51-Sb-130

293 Kelvin Cross Sections



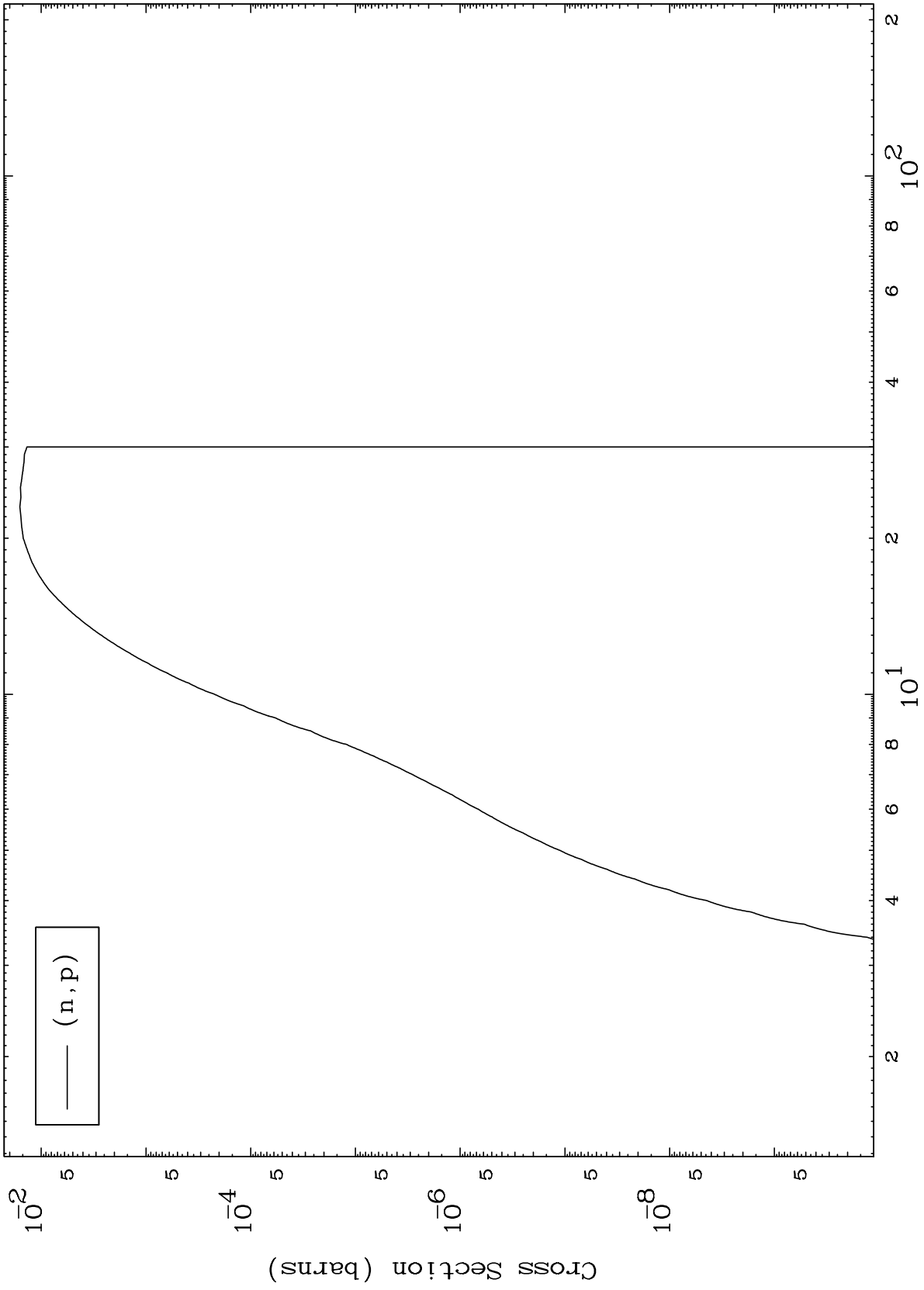
Incident Energy (MeV)

51-Sb-130

MAT 5153

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-130



10

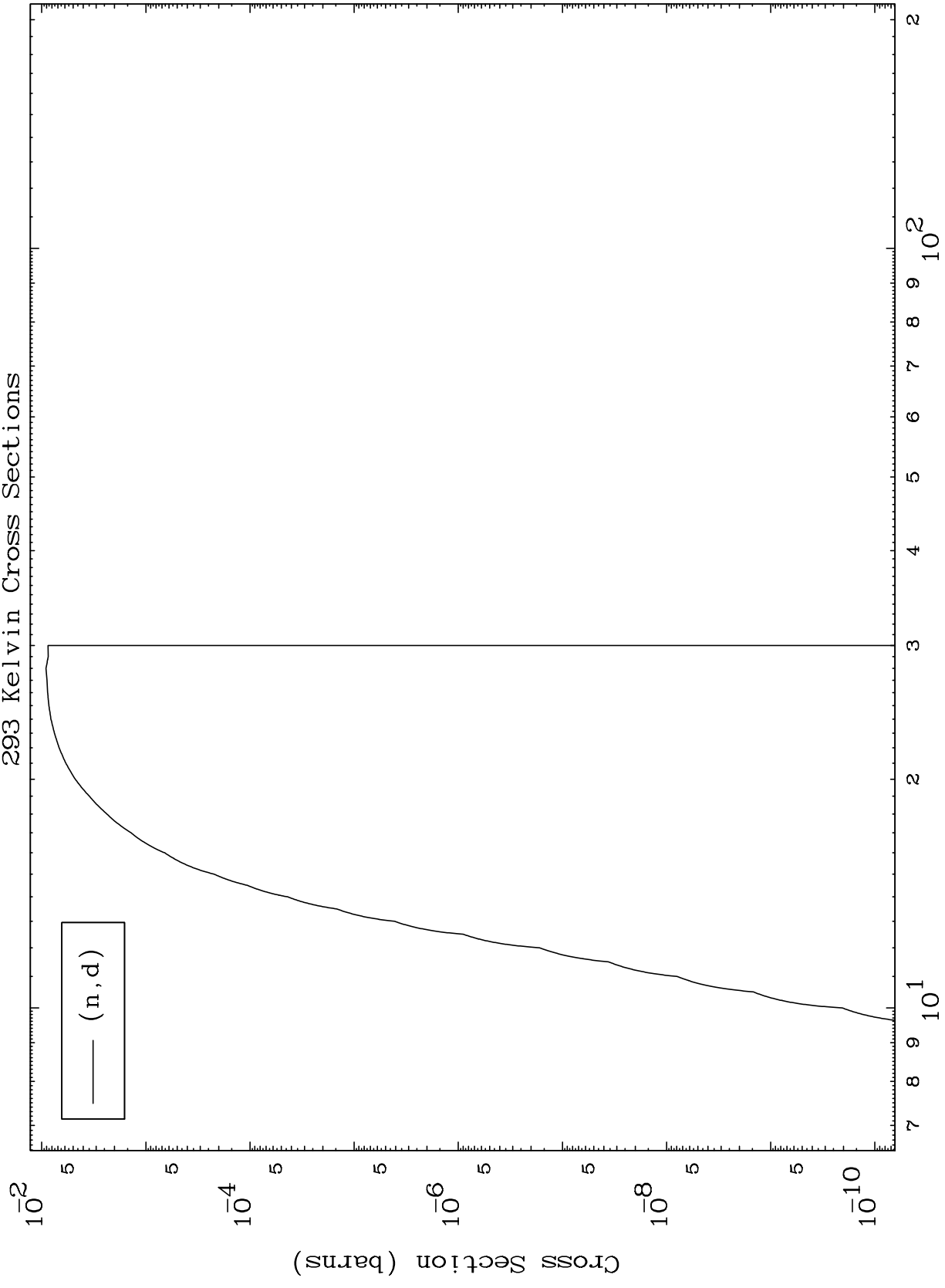
Incident Energy (MeV)

51-Sb-130

MAT 5153

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-130



11

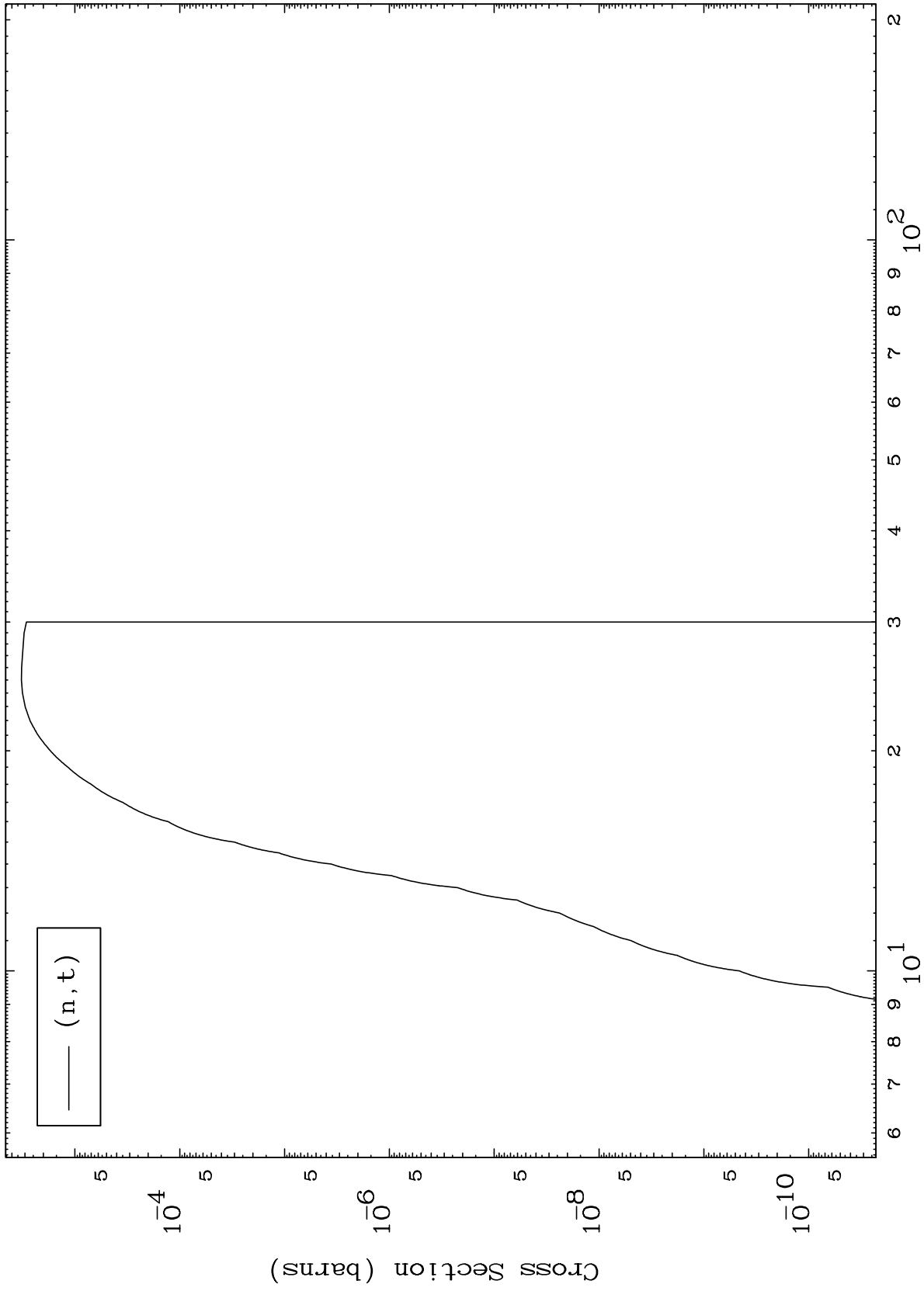
Incident Energy (MeV)

51-Sb-130

MAT 5153

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-130



12

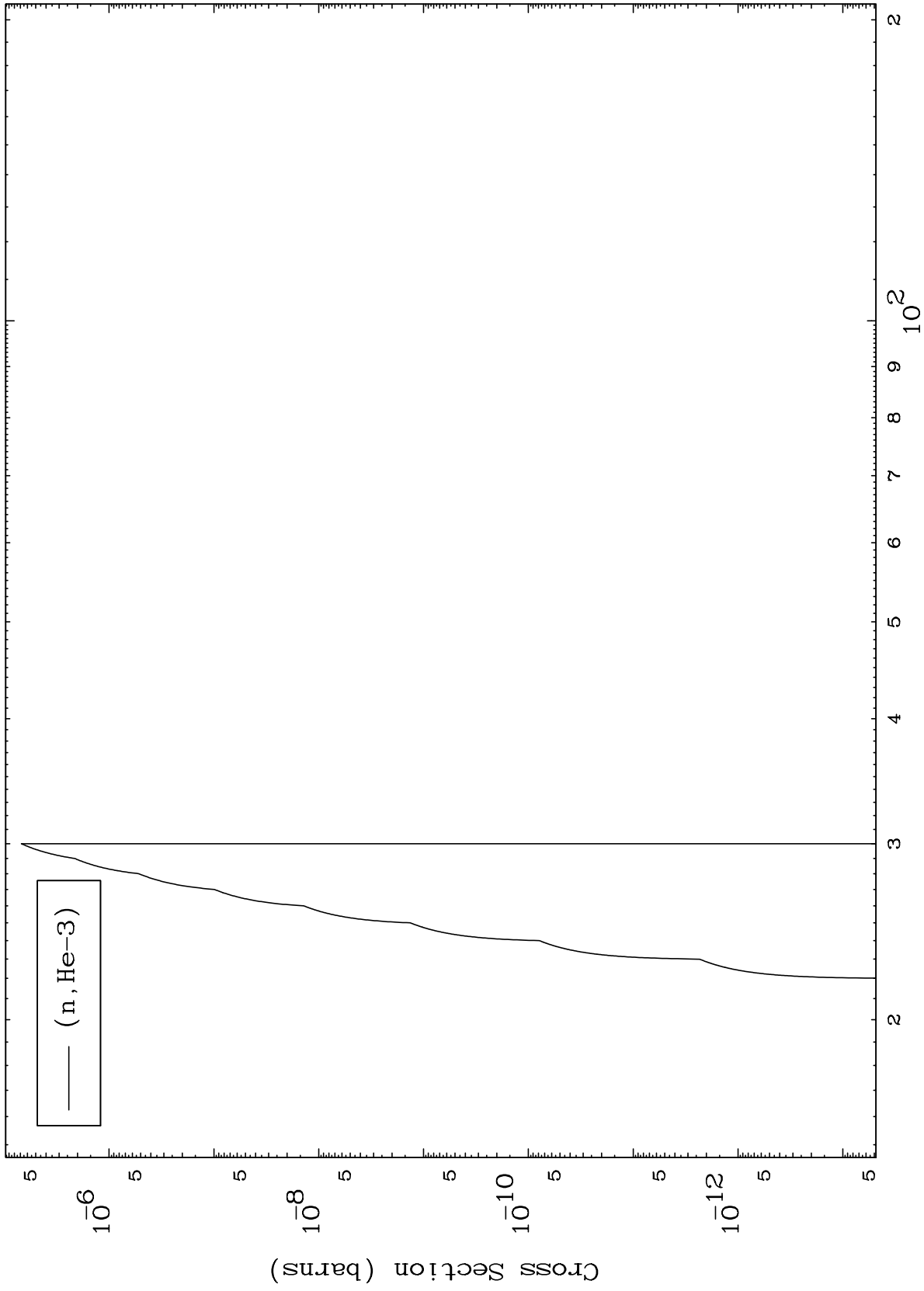
Incident Energy (MeV)

51-Sb-130

MAT 5153

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-130



13

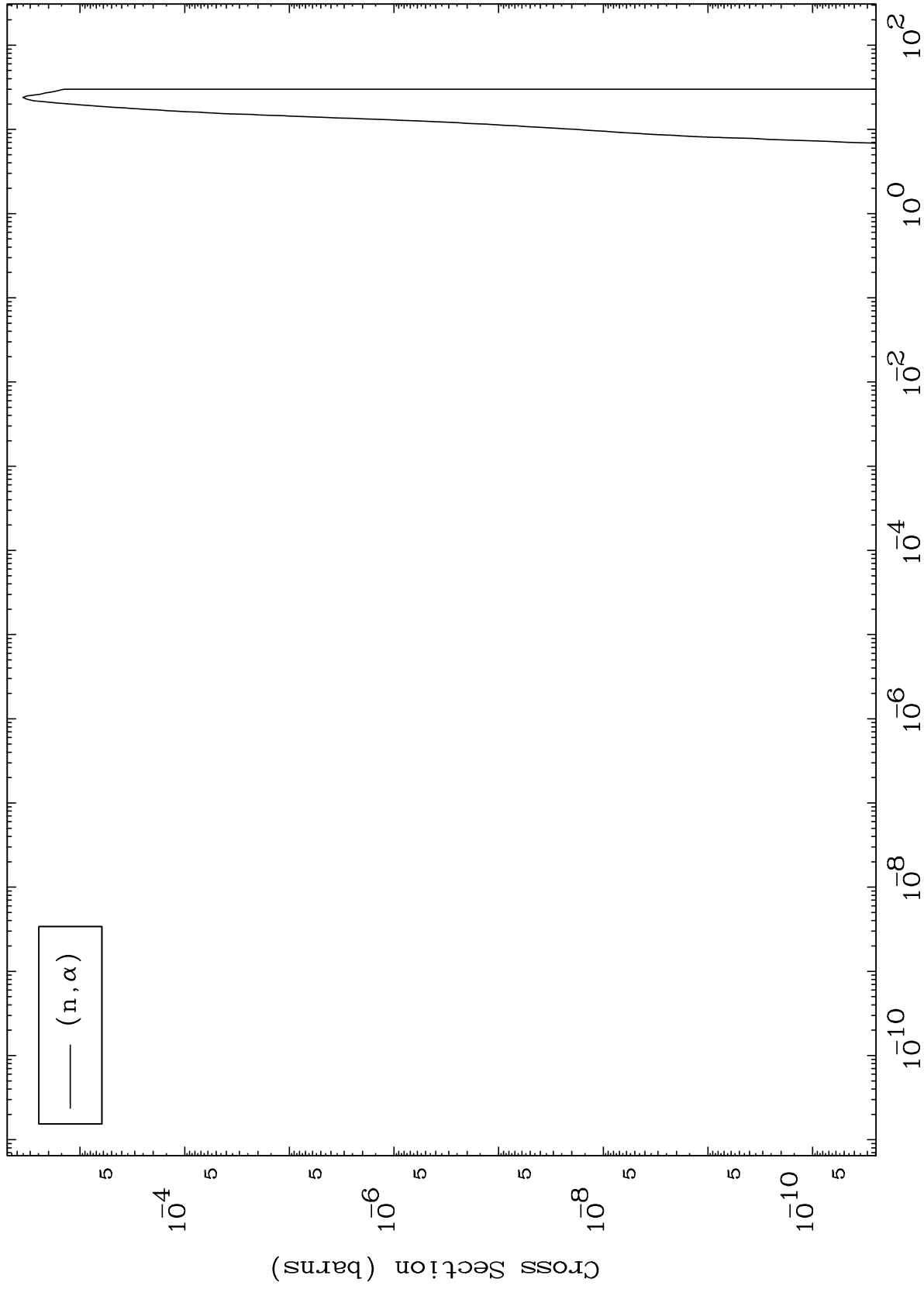
Incident Energy (MeV)

51-Sb-130

MAT 5153

(n,α) Levels
293 Kelvin Cross Sections

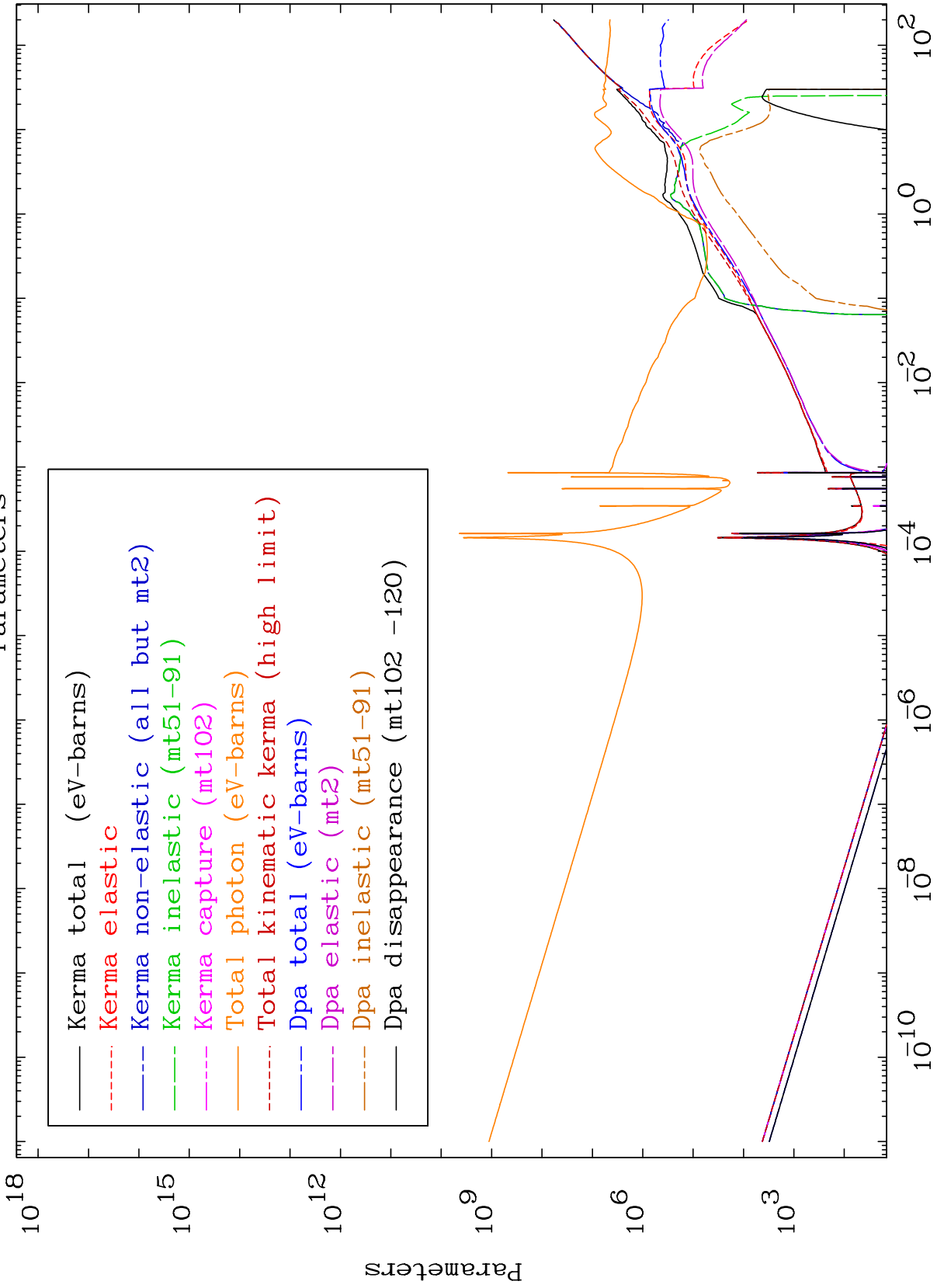
51-Sb-130



14

Incident Energy (MeV)

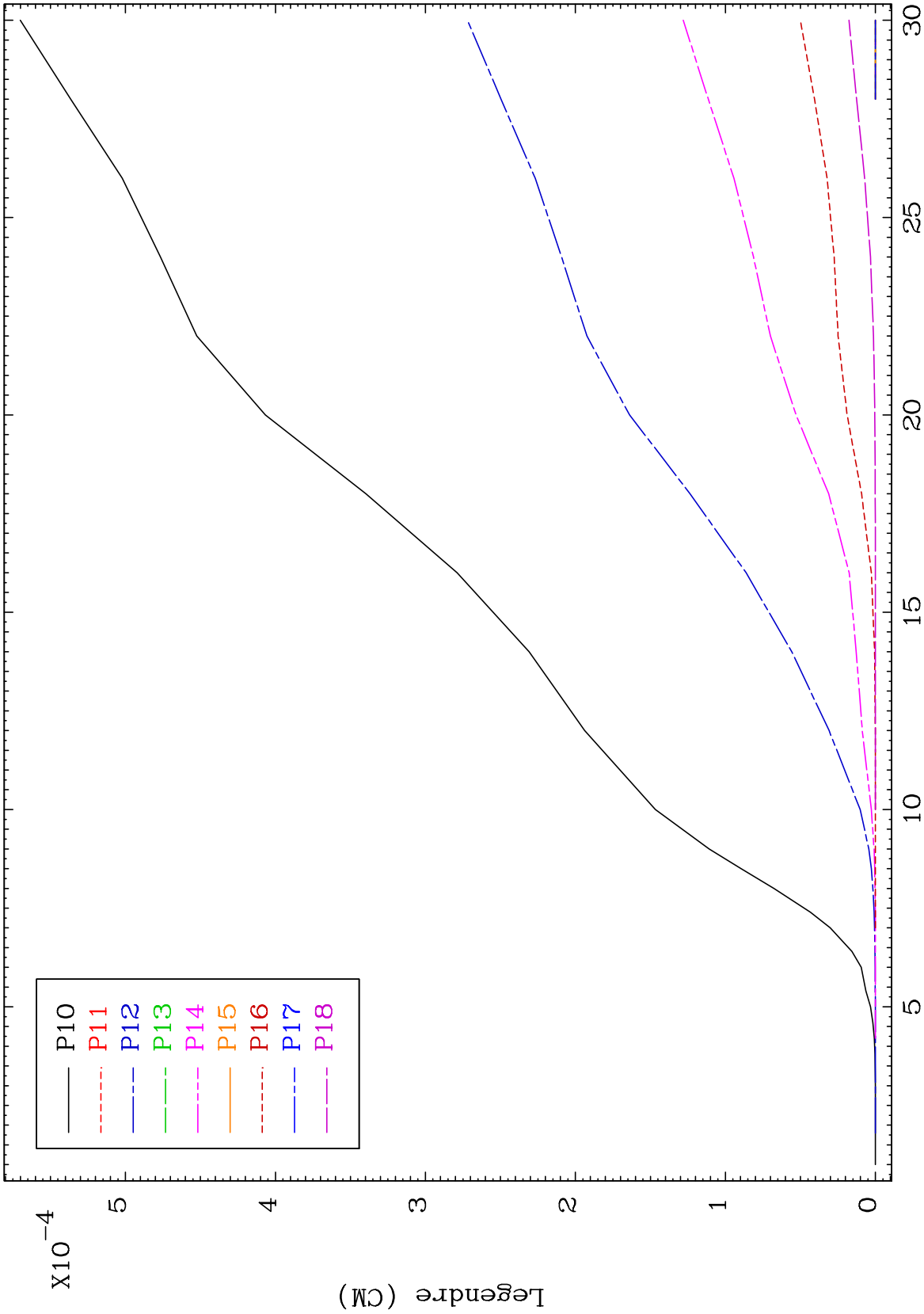
51-Sb-130



MAT 5153

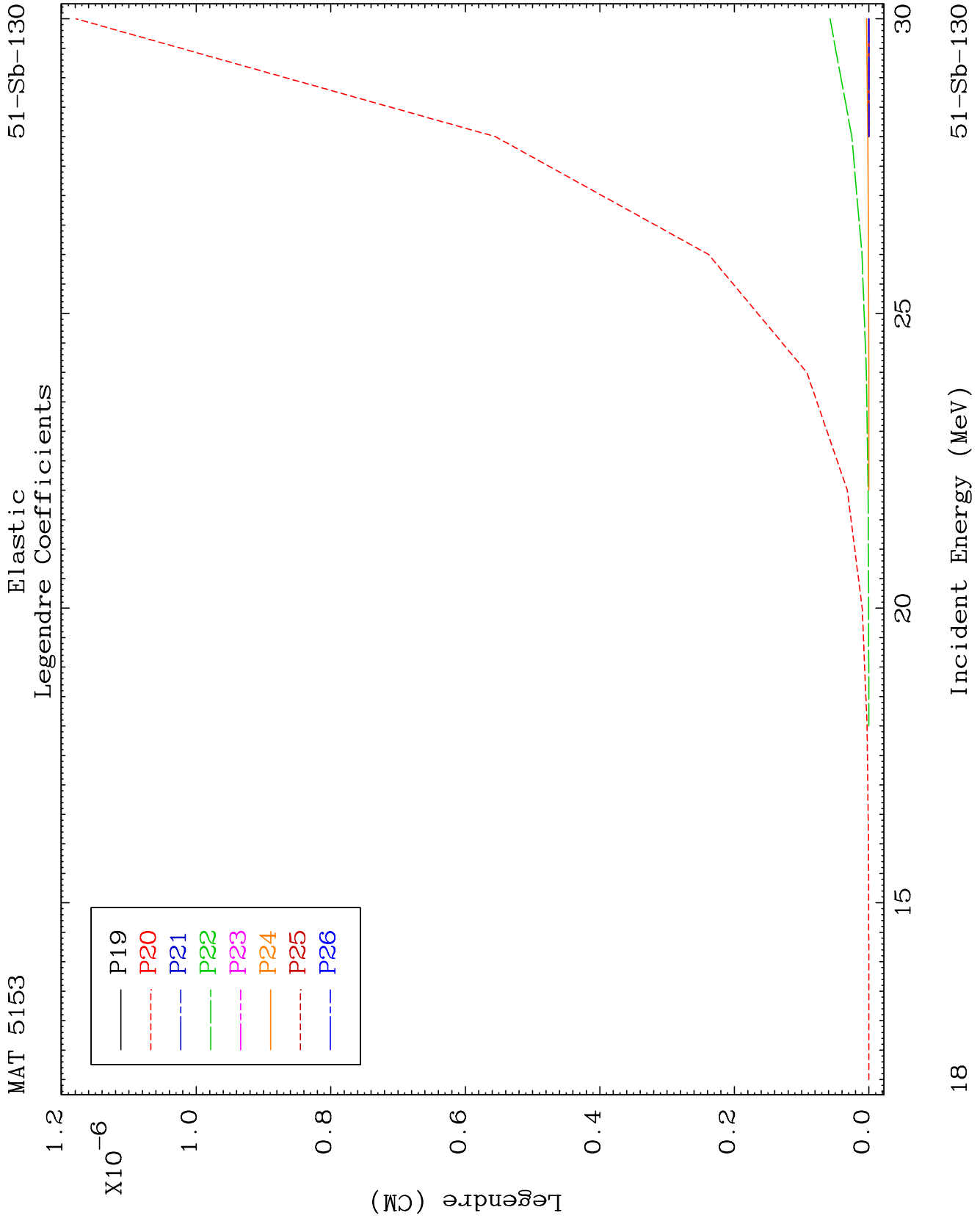
Elastic Legendre Coefficients

51-Sb-130



17

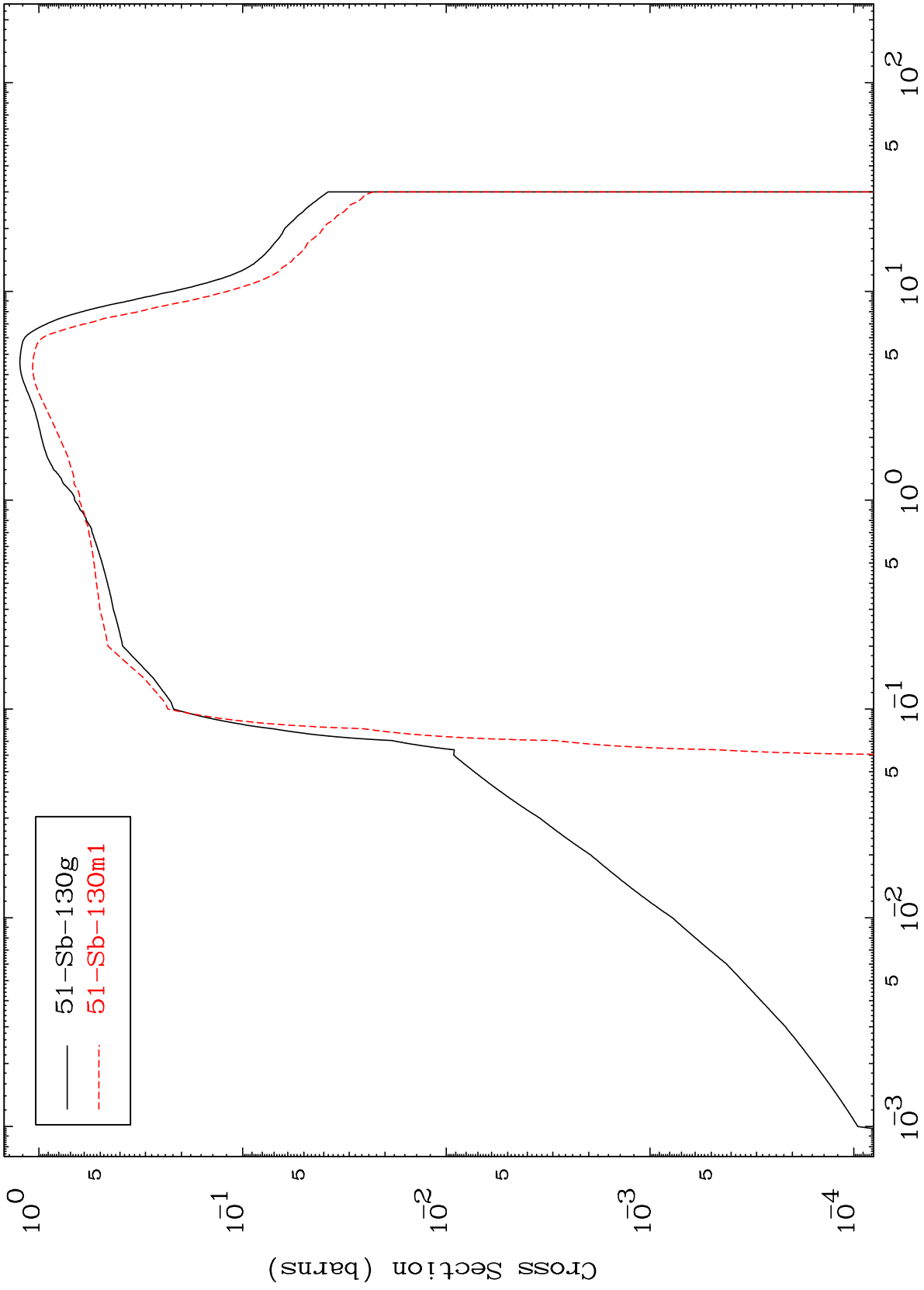
51-Sb-130



MAT 5153

51-Sb-130

Inelastic
Radionuclide Production Cross Section



51-Sb-130g
51-Sb-130m1

51-Sb-130

Incident Energy (MeV)

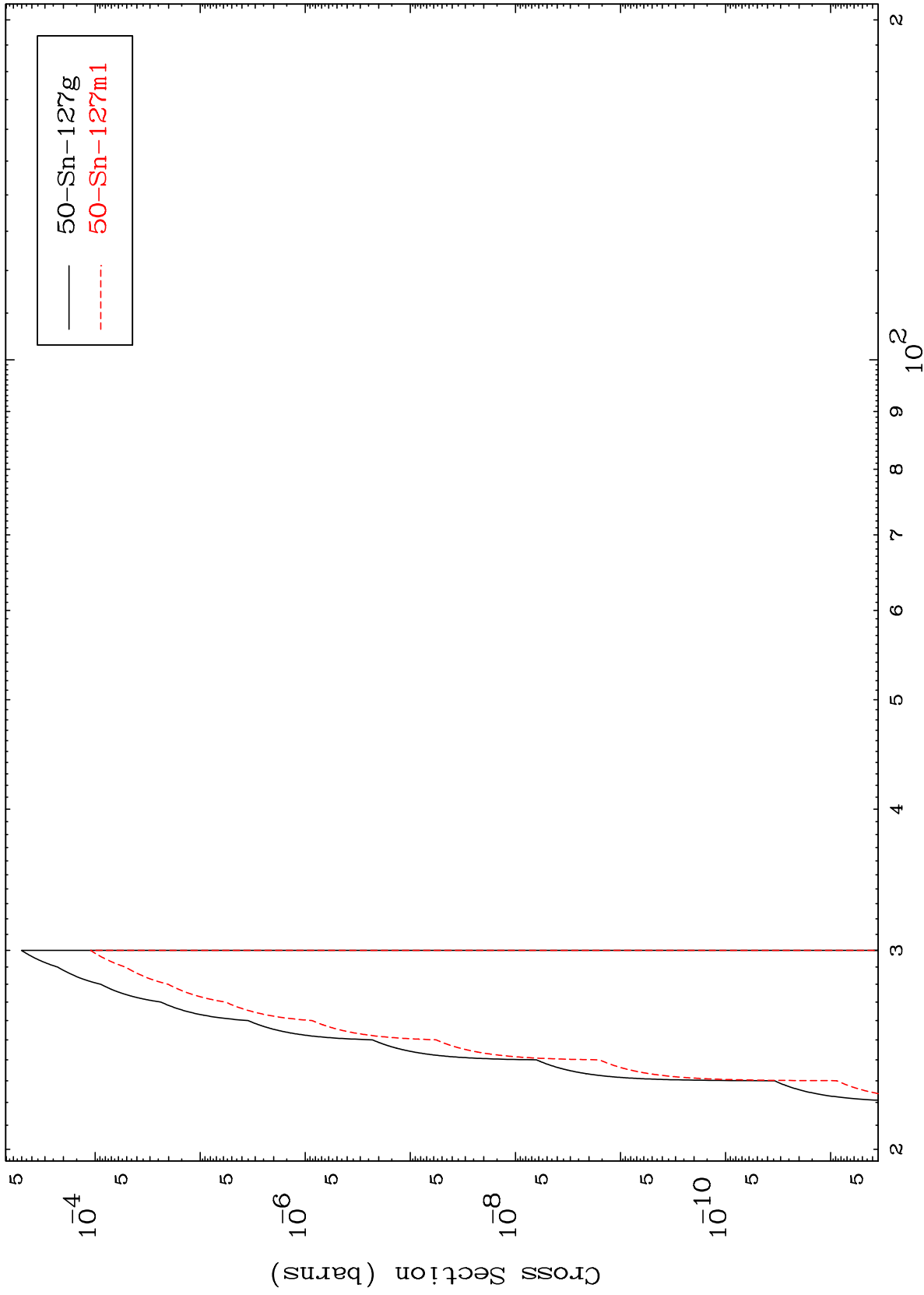
19

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(n,2n) d

51-Sb-130

Radionuclide Production Cross Section



20

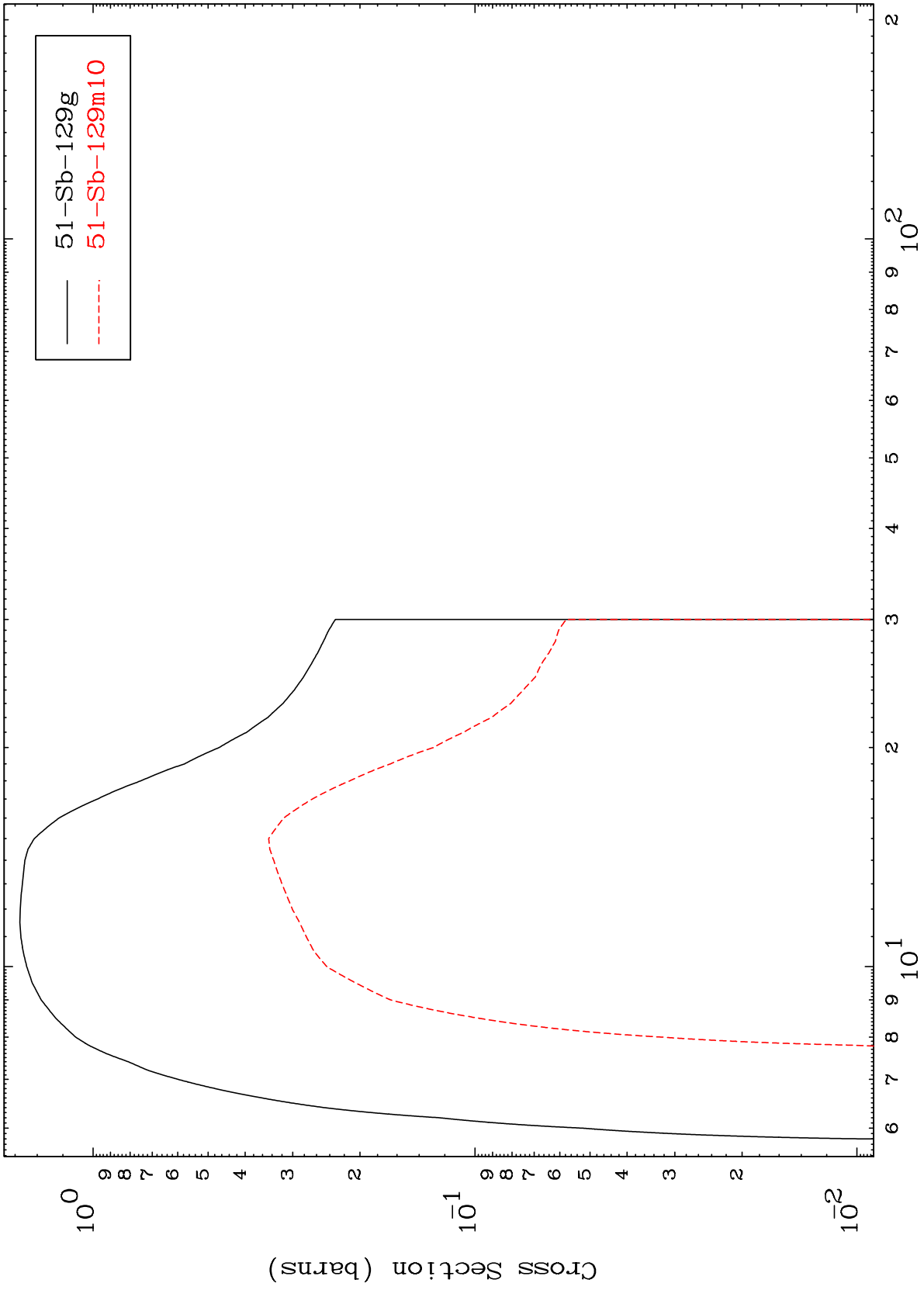
Incident Energy (MeV)

51-Sb-130

MAT 5153

51-Sb-130

(n,2n)
Radionuclide Production Cross Section



21

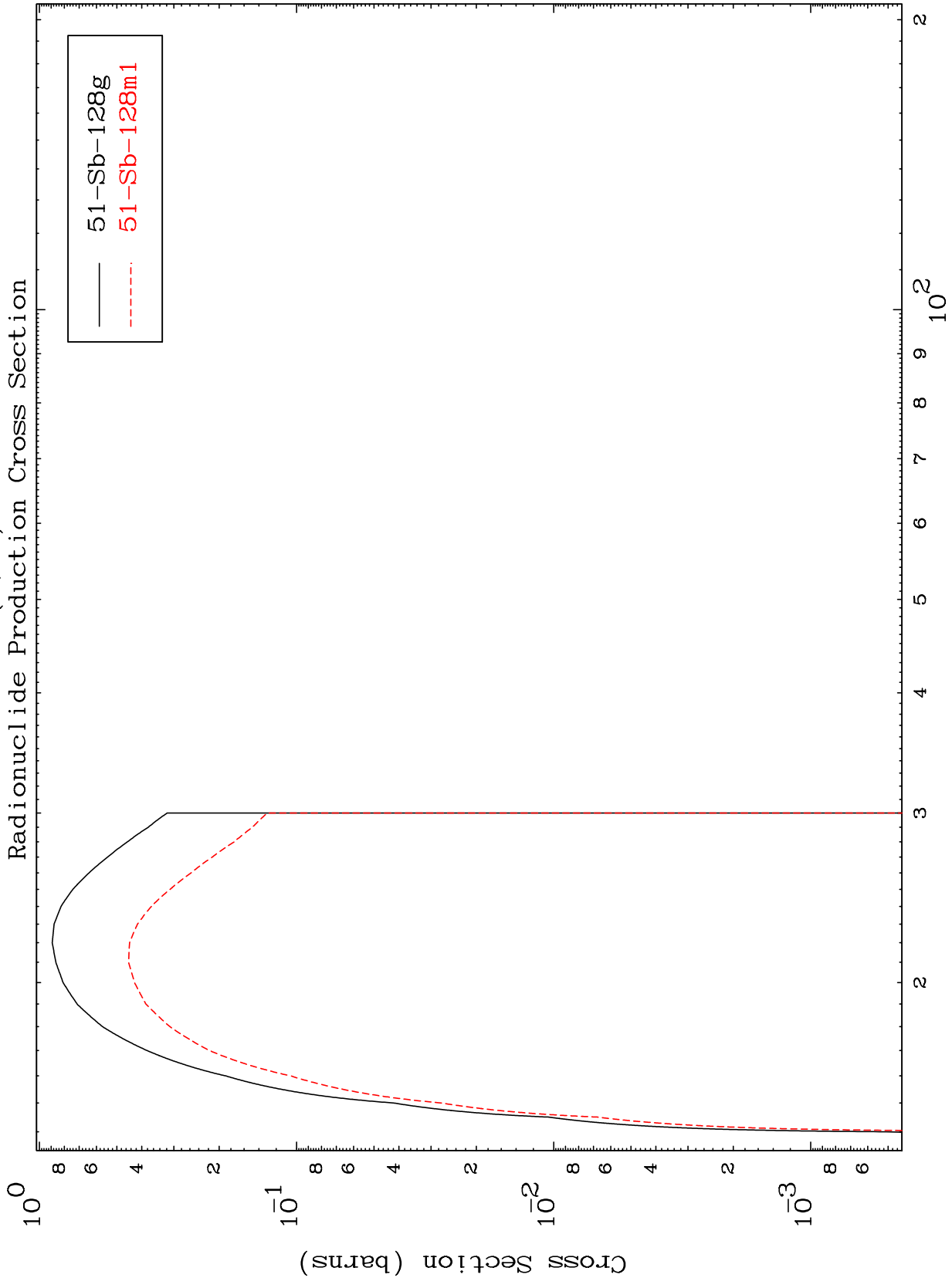
Incident Energy (MeV)

51-Sb-130

MAT 5153

(n,3n)

51-Sb-130



22

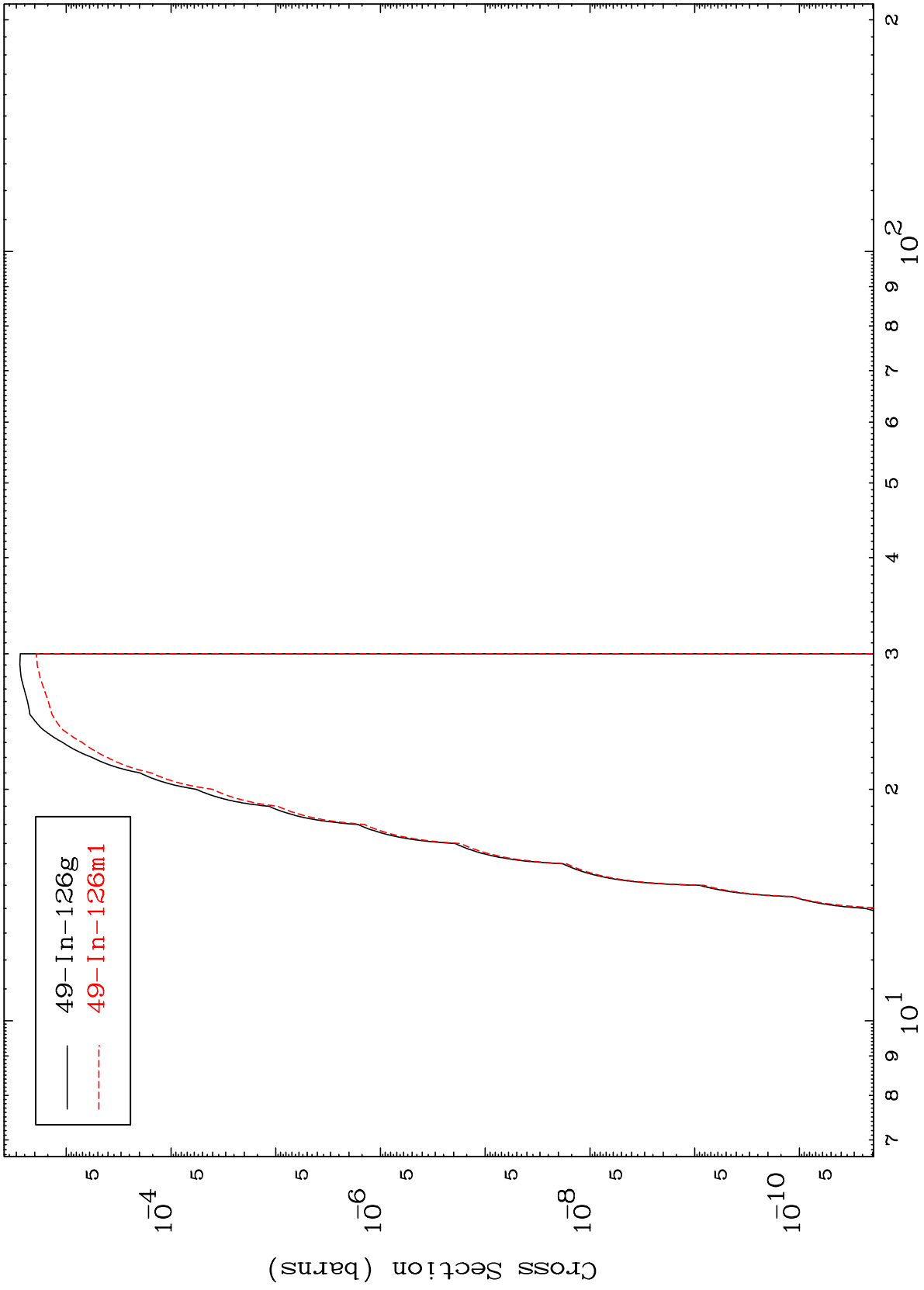
51-Sb-130

51-Sb-130

MAT 5153

51-Sb-130

(n,n') α
Radionuclide Production Cross Section



23

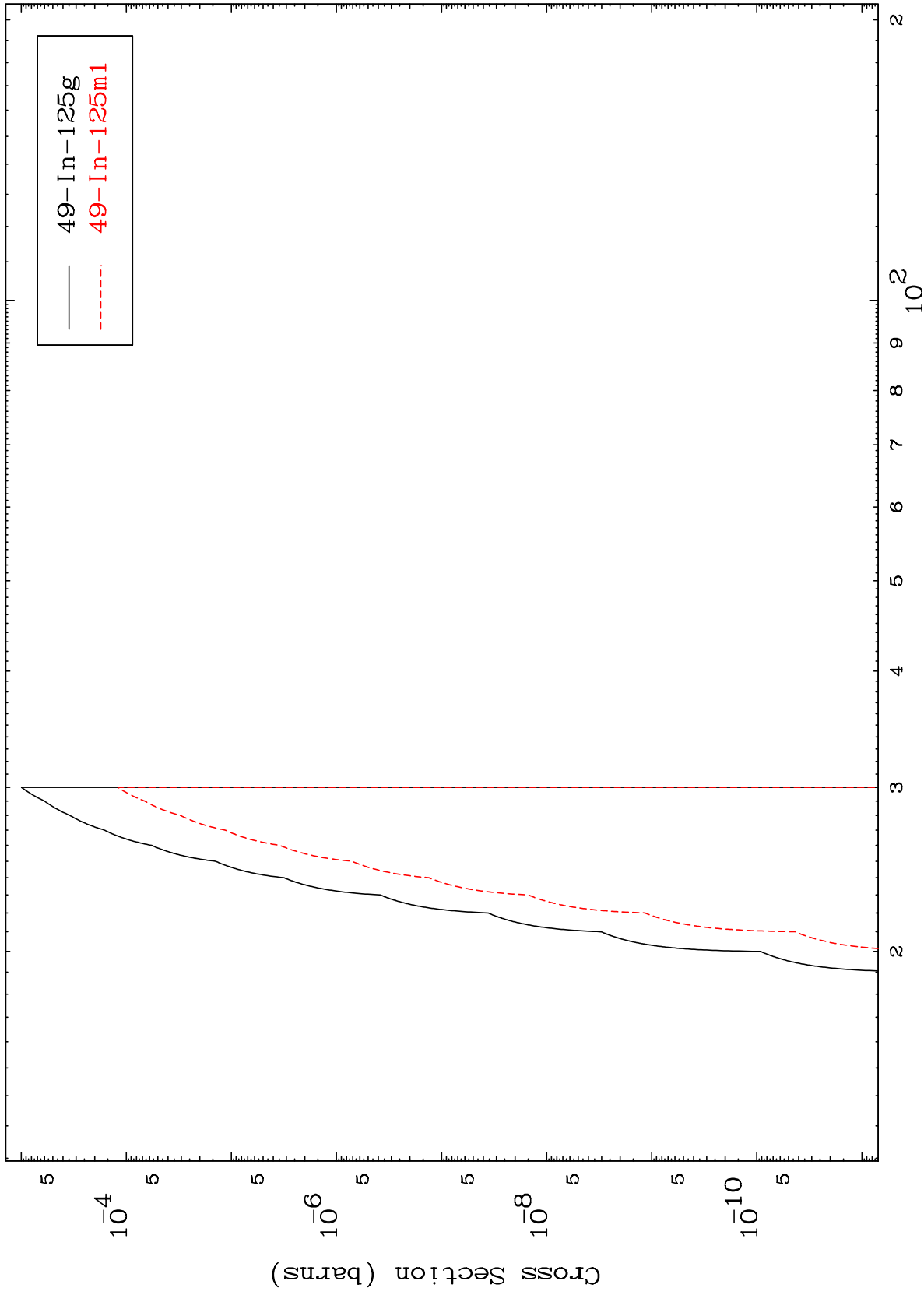
51-Sb-130

MAT 5153

(n,2n) α

51-Sb-130

Radionuclide Production Cross Section



24

Incident Energy (MeV)

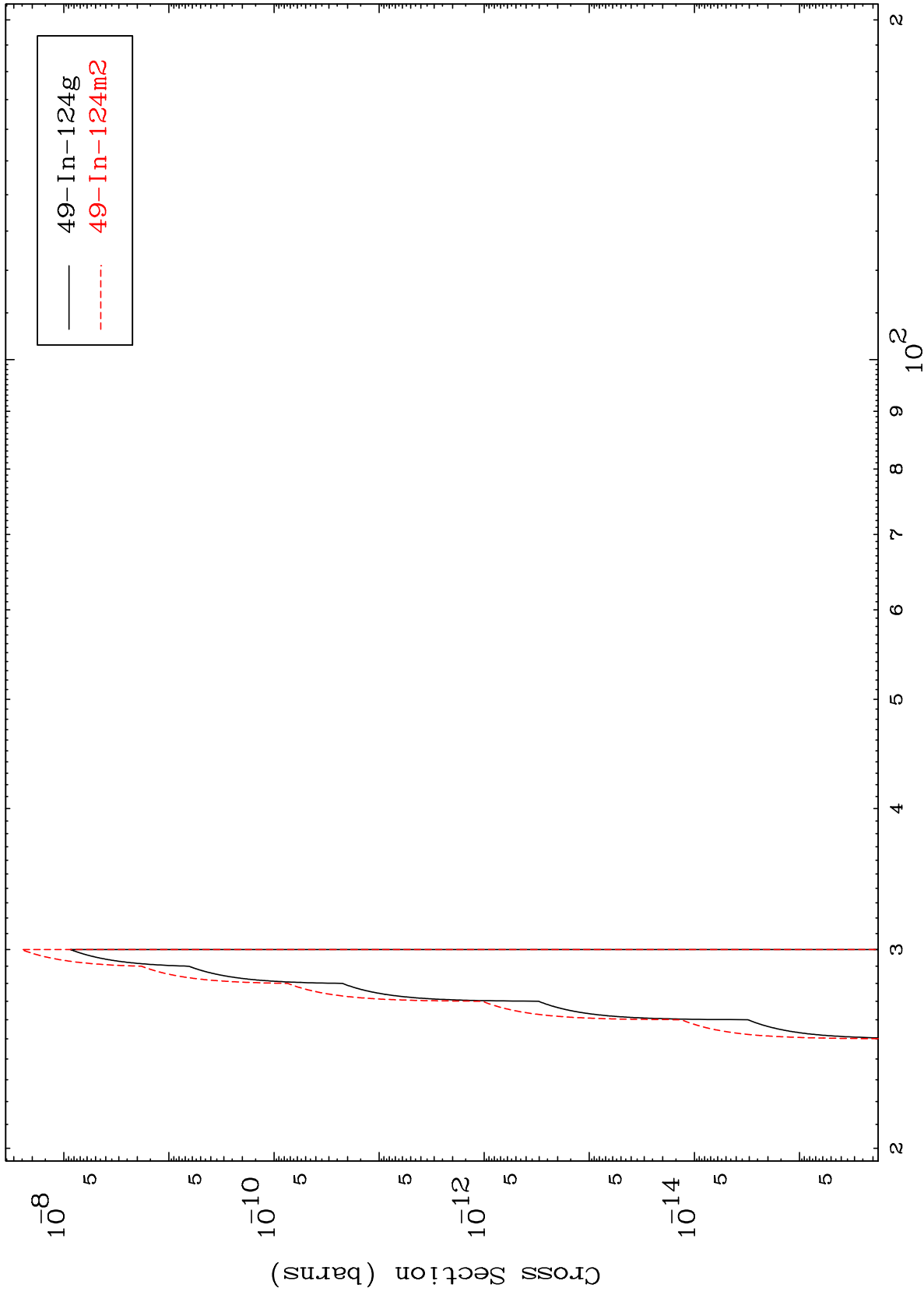
51-Sb-130

MAT 5153

(n,3n) α

51-Sb-130

Radionuclide Production Cross Section



25

Incident Energy (MeV)

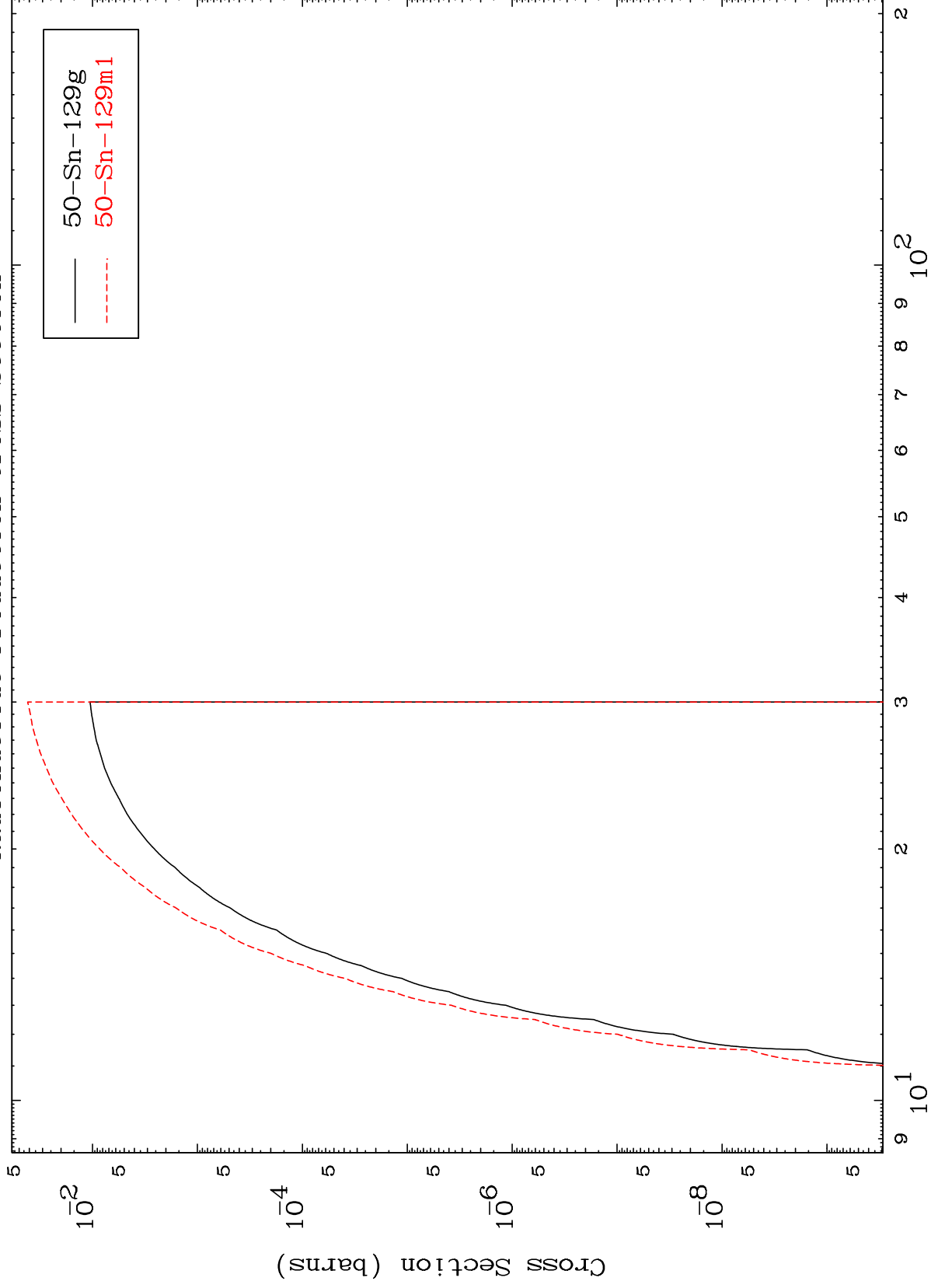
51-Sb-130

MAT 5153

(n,n') p

51-Sb-130

Radionuclide Production Cross Section



26

Incident Energy (MeV)

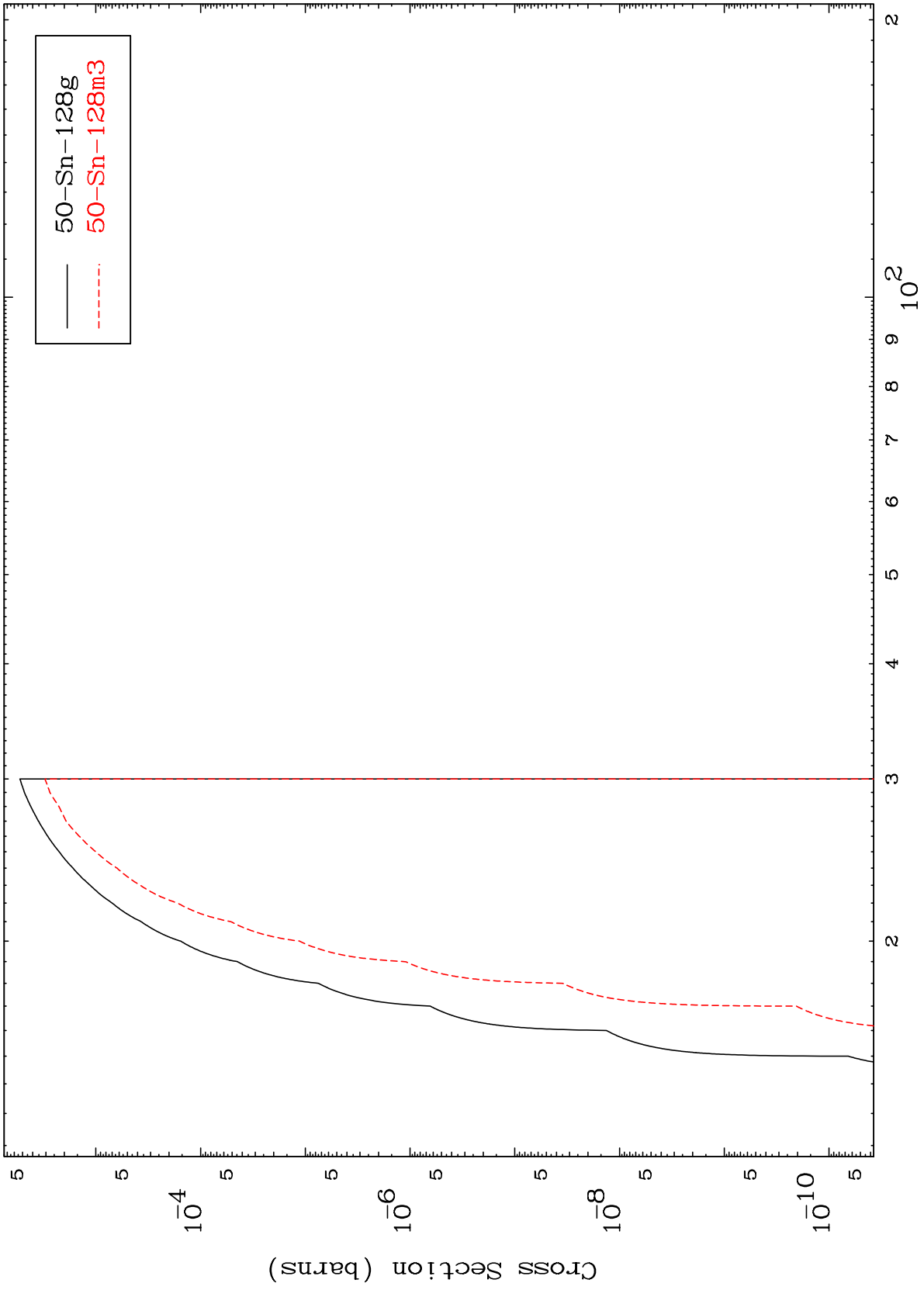
51-Sb-130

MAT 5153

(n,n') d

51-Sb-130

Radionuclide Production Cross Section



27

Incident Energy (MeV)

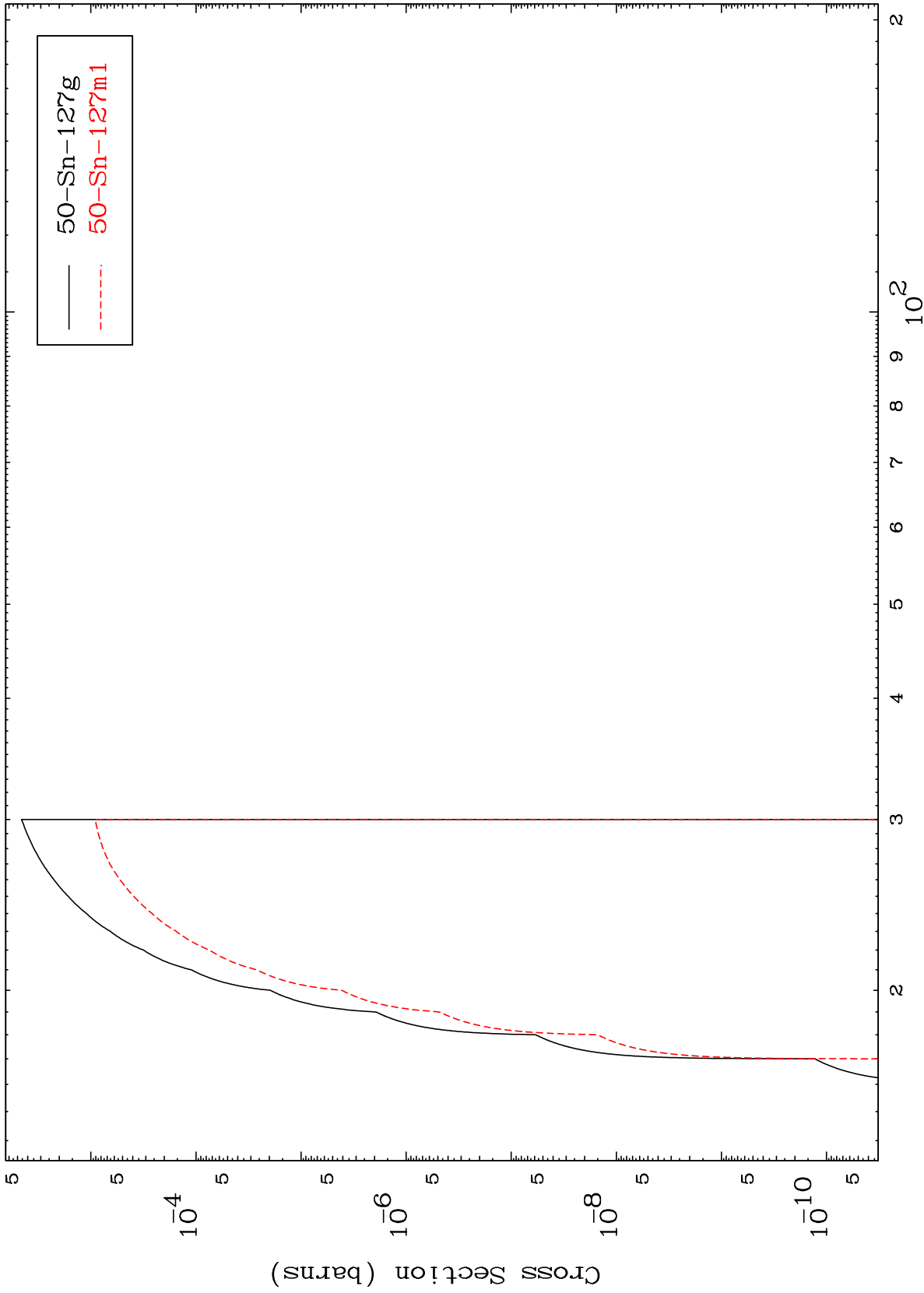
51-Sb-130

MAT 5153

(n,n') t

51-Sb-130

Radionuclide Production Cross Section

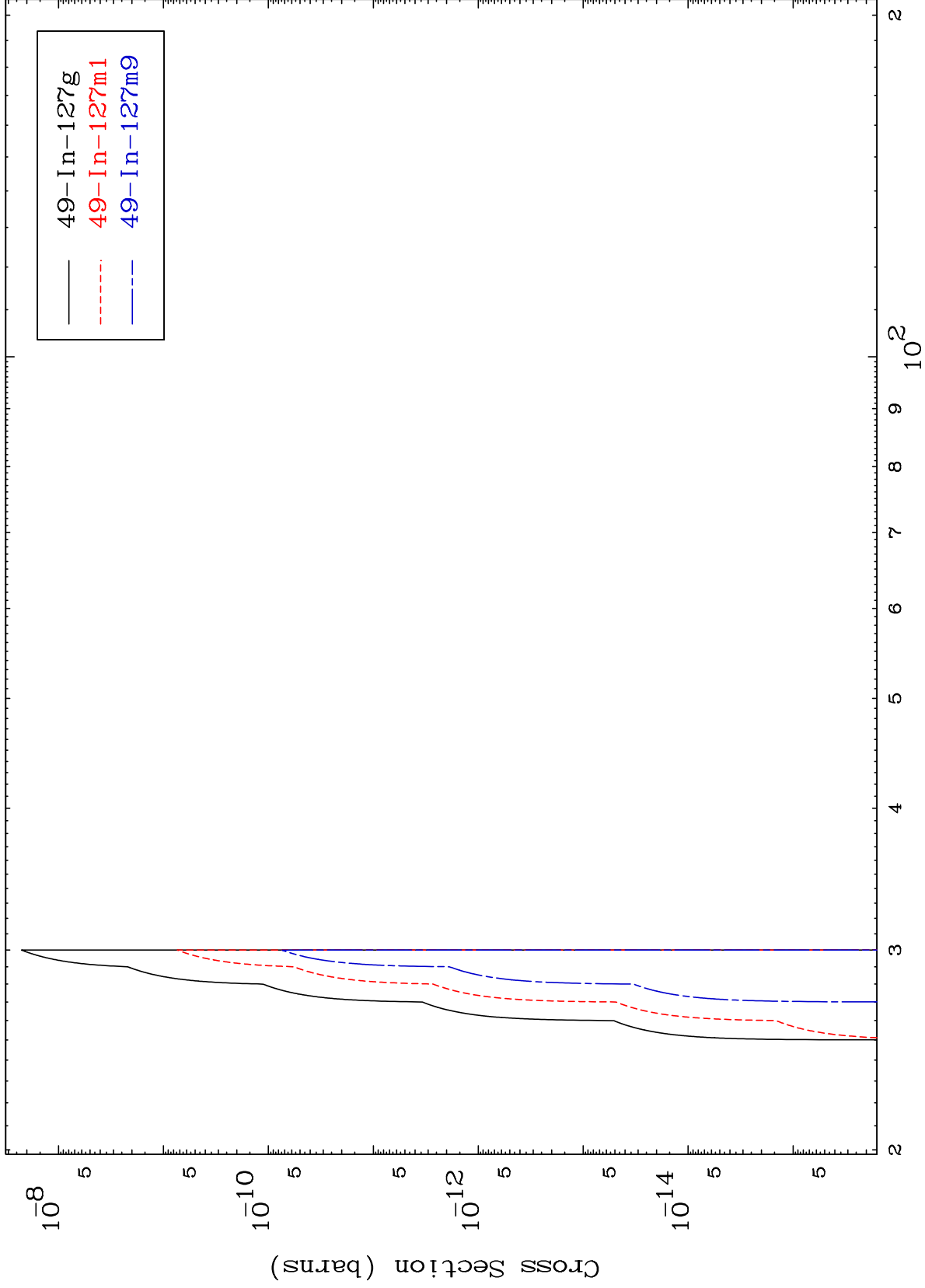


28

Incident Energy (MeV)

51-Sb-130

Radionuclide Production Cross Section

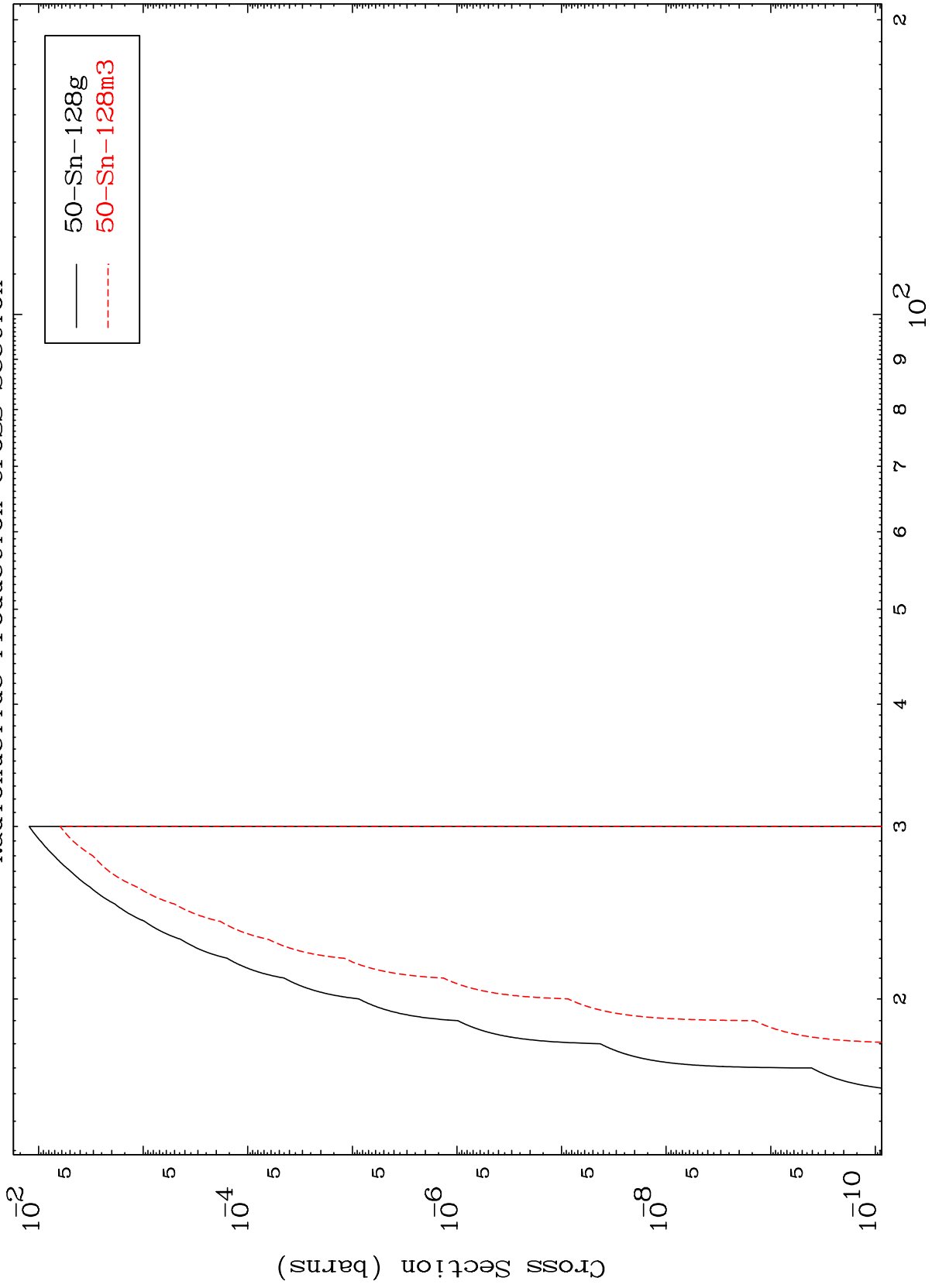


MAT 5153

(n,2n) p

51-Sb-130

Radionuclide Production Cross Section



30

Incident Energy (MeV)

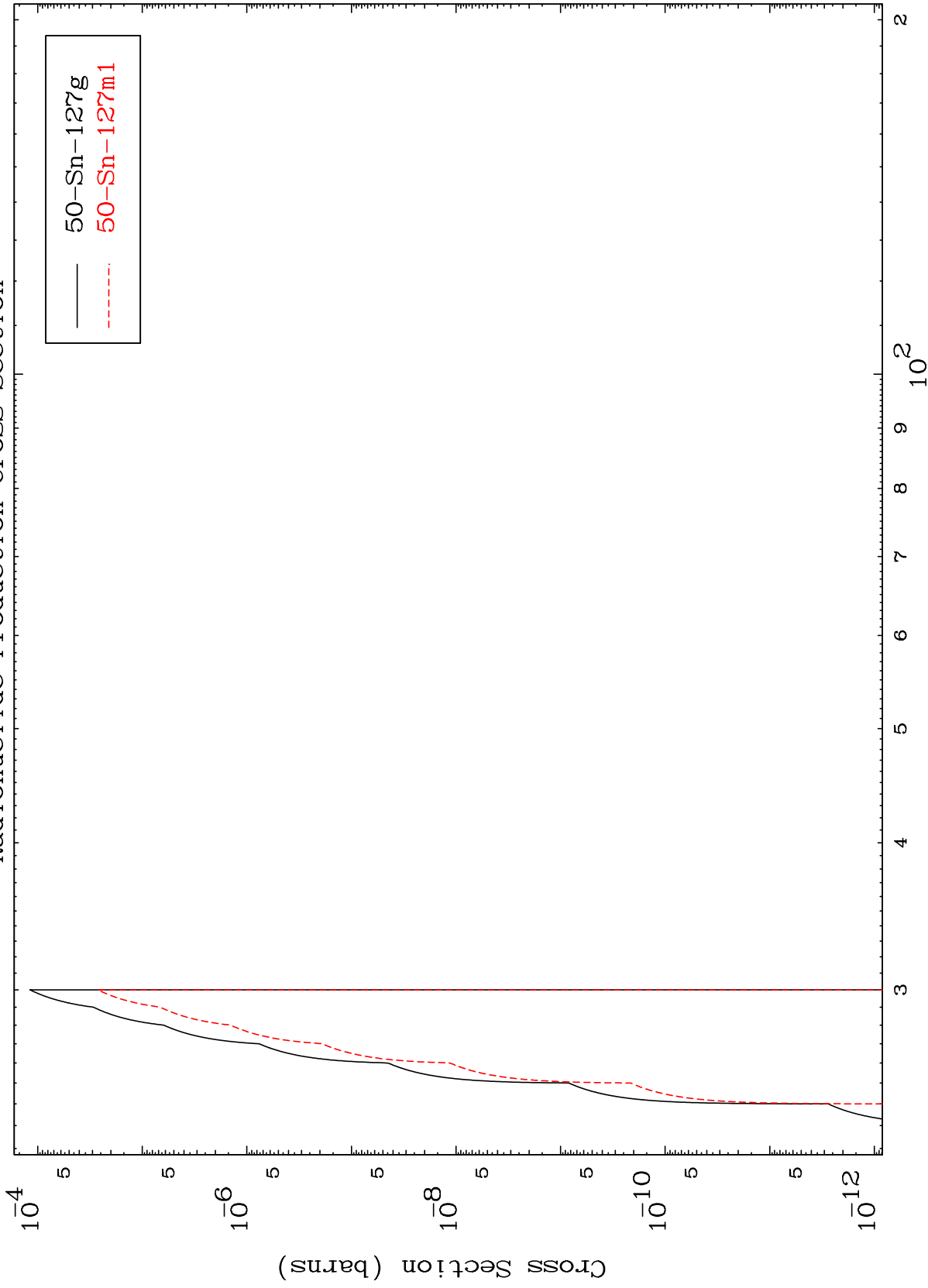
51-Sb-130

MAT 5153

(n,3n) p

51-Sb-130

Radionuclide Production Cross Section



31

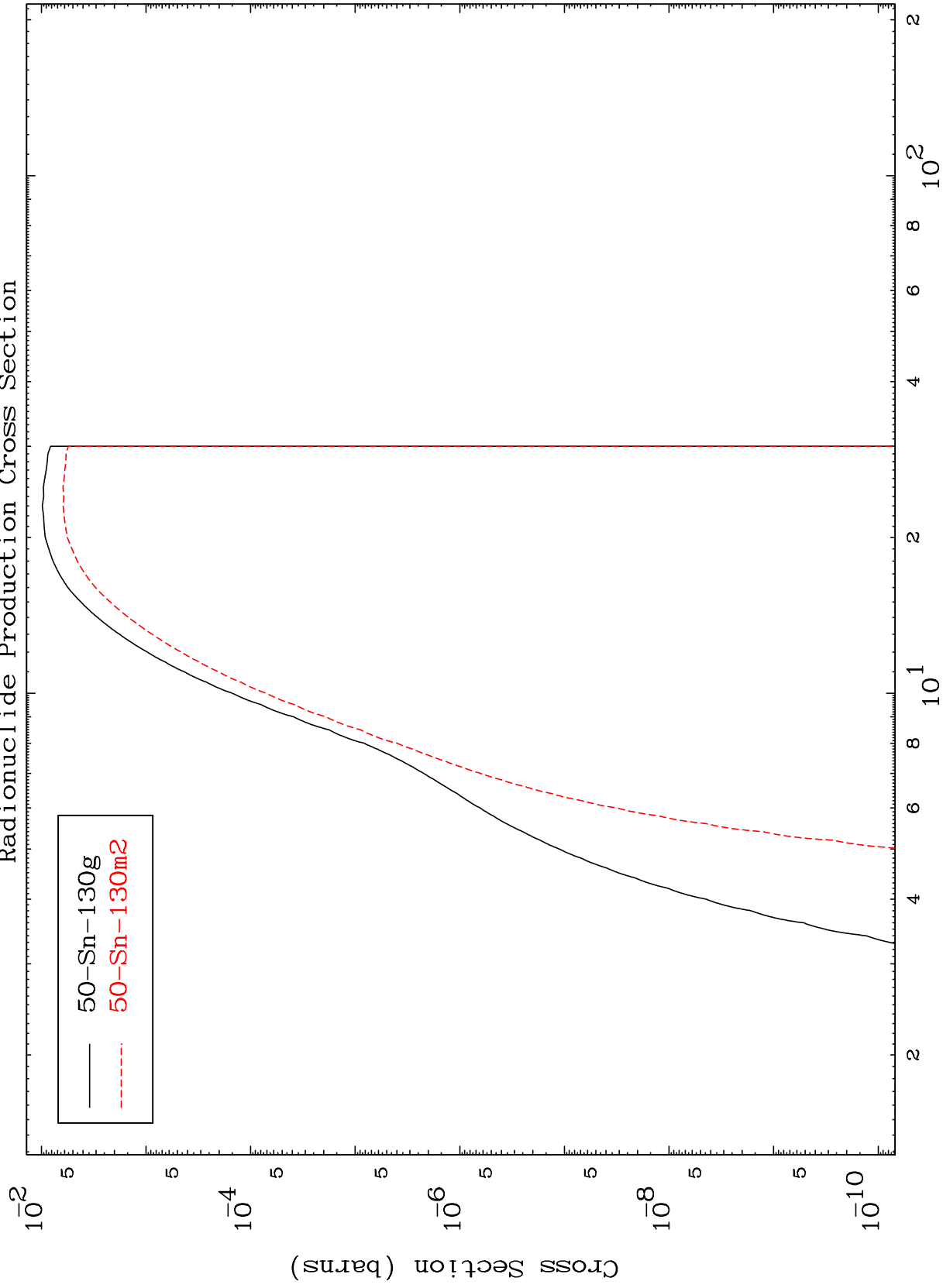
Incident Energy (MeV)

51-Sb-130

MAT 5153

51-Sb-130

Radionuclide Production Cross Section (n,p)



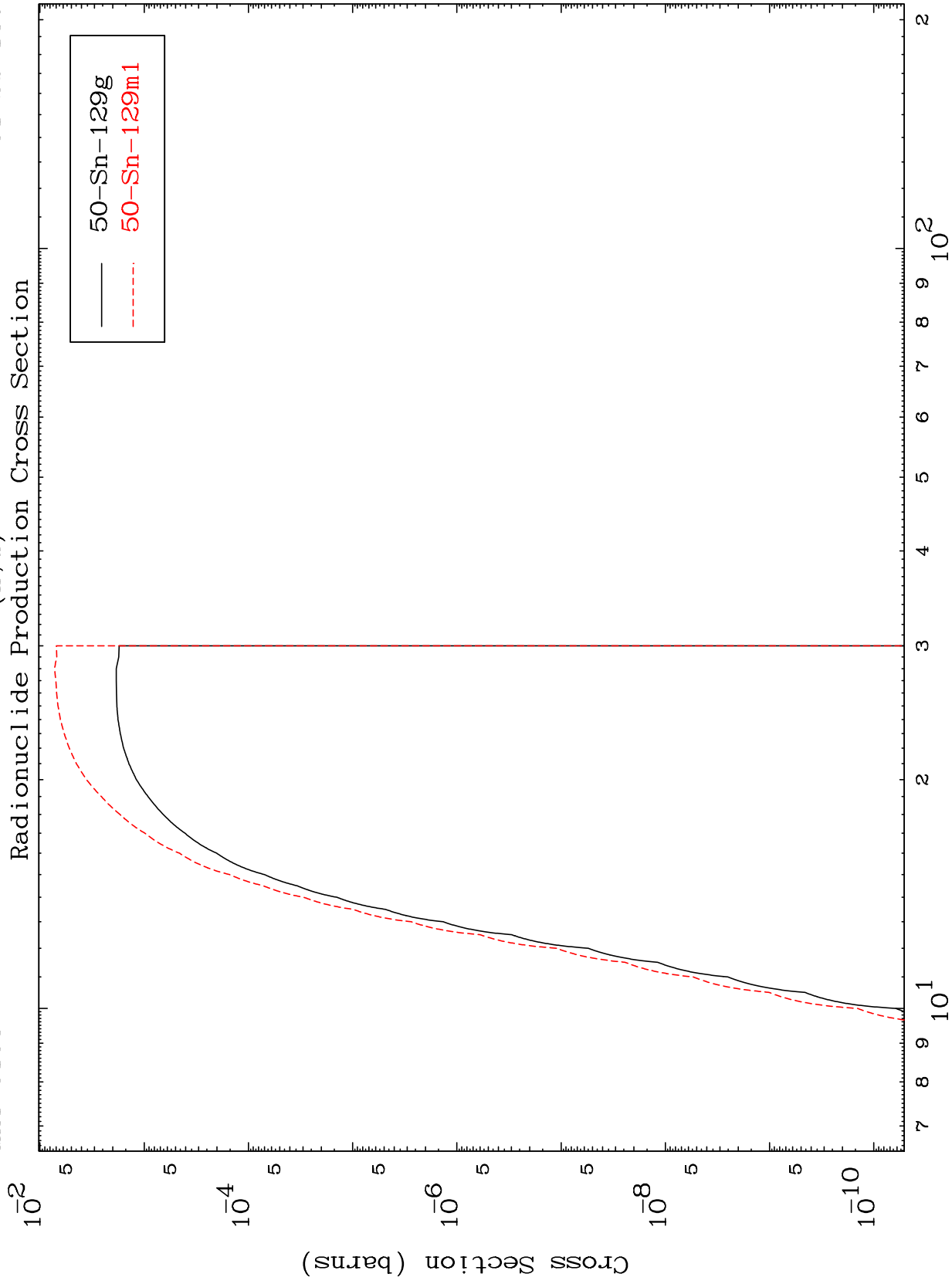
32

51-Sb-130

MAT 5153

51-Sb-130

(n,d)
Radionuclide Production Cross Section



33

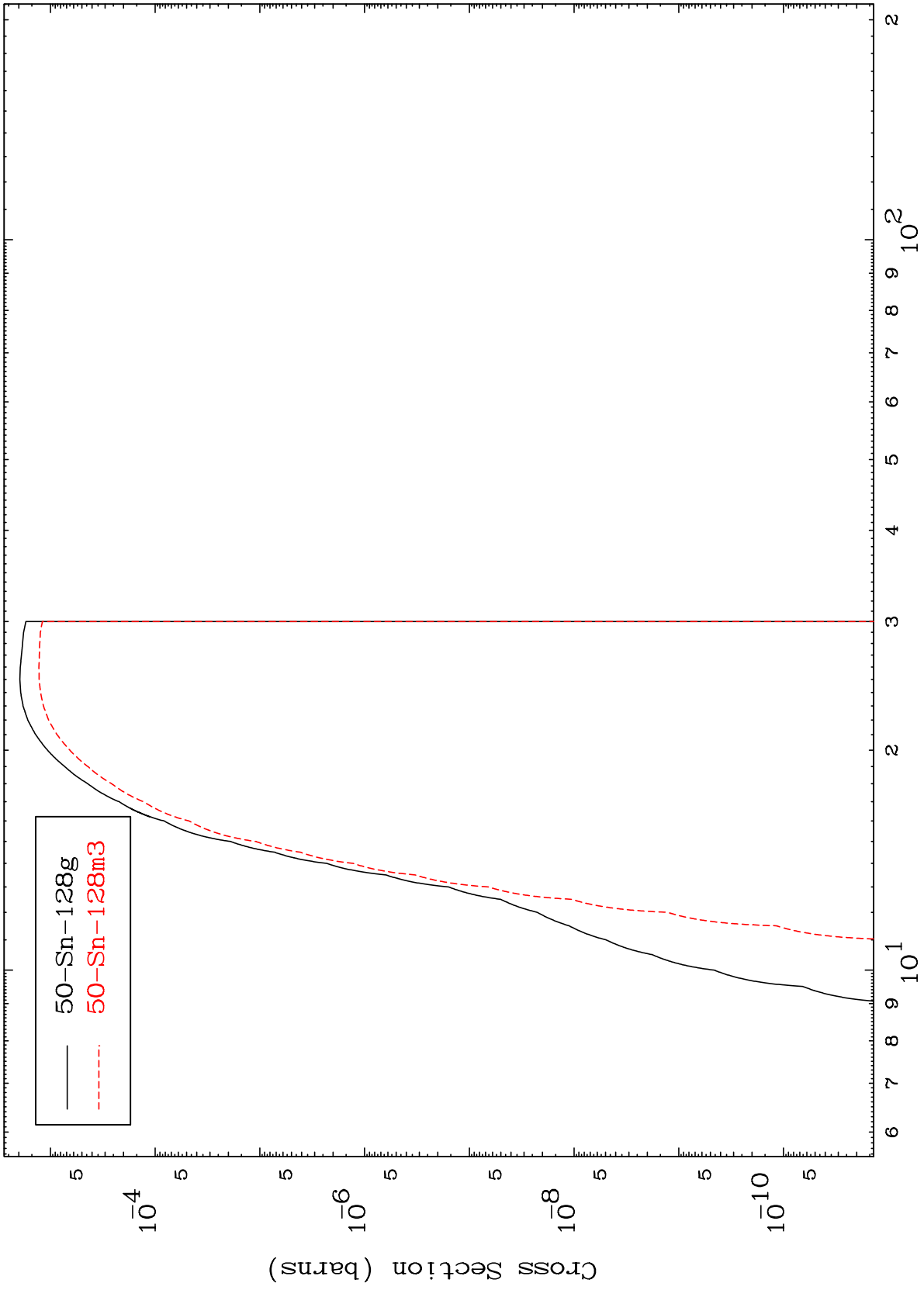
Incident Energy (MeV)

51-Sb-130

MAT 5153

51-Sb-130

(n, t)
Radionuclide Production Cross Section



34

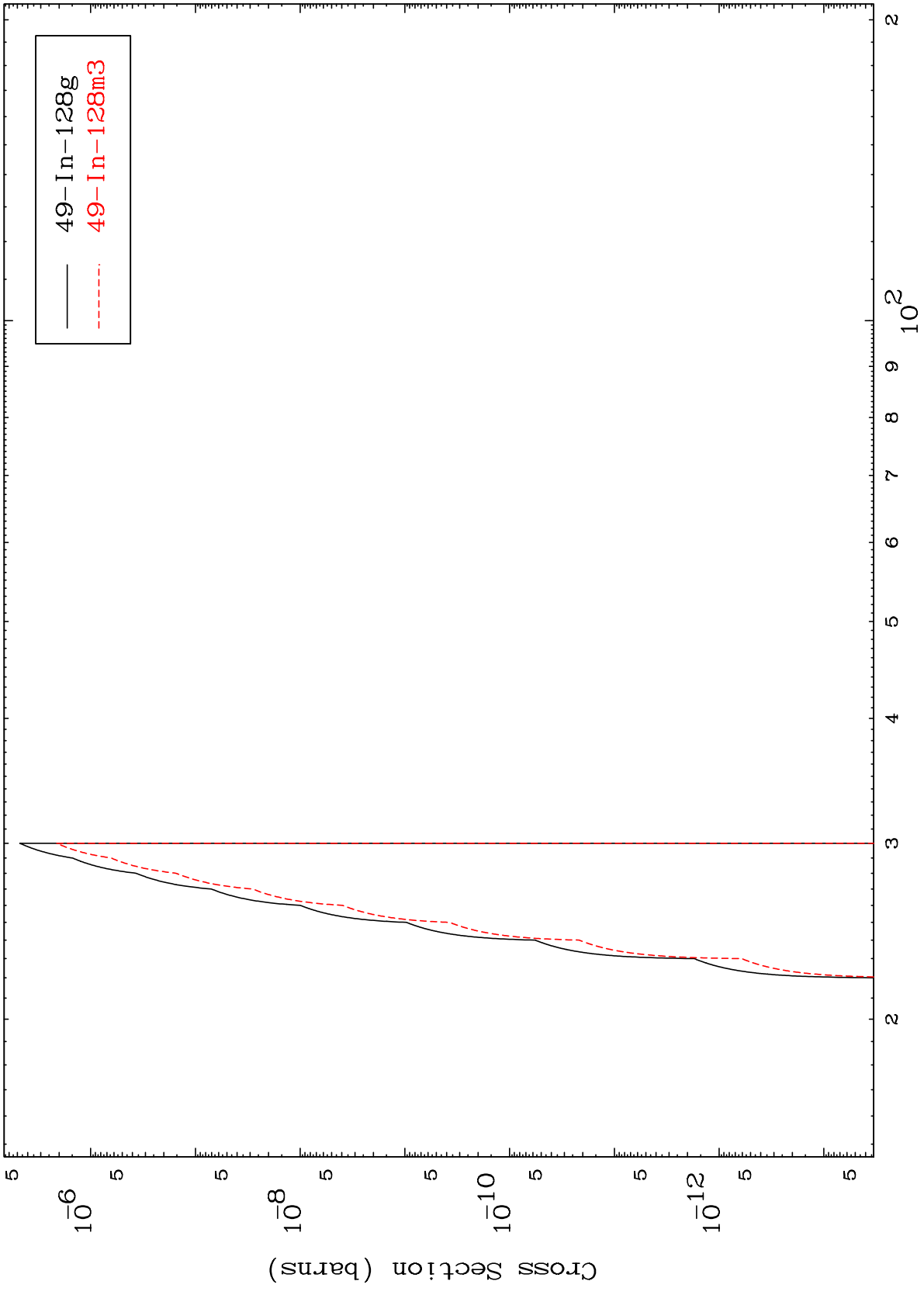
51-Sb-130

MAT 5153

(n, He-3)

51-Sb-130

Radionuclide Production Cross Section



35

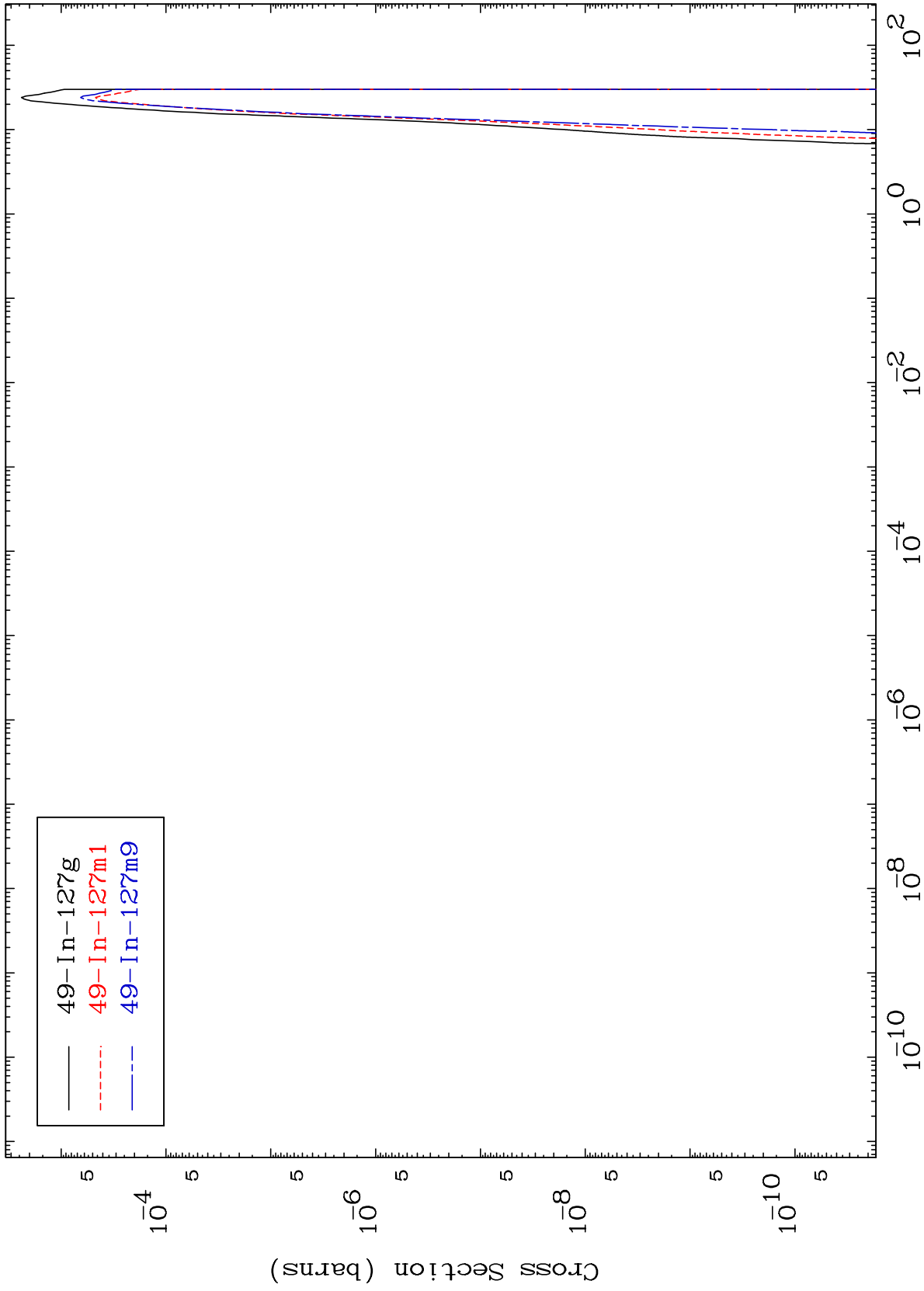
Incident Energy (MeV)

51-Sb-130

MAT 5153

51-Sb-130

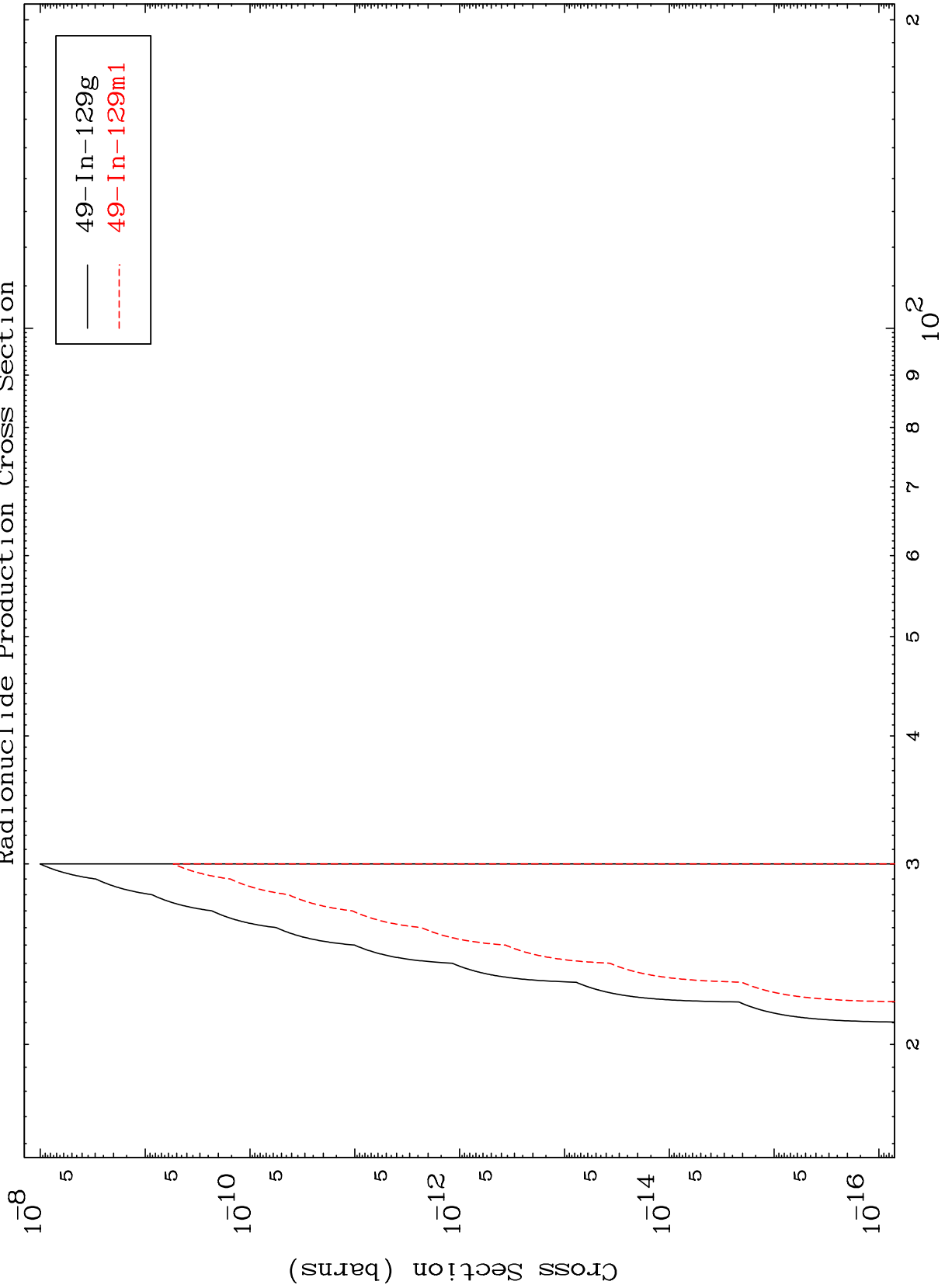
(n,α)
Radionuclide Production Cross Section



MAT 5153

51-Sb-130

(n,2p)
Radionuclide Production Cross Section



49-In-129g
49-In-129m1

37

51-Sb-130

Incident Energy (MeV)