

Program EVALPLOT
(Version 2018-1)

by

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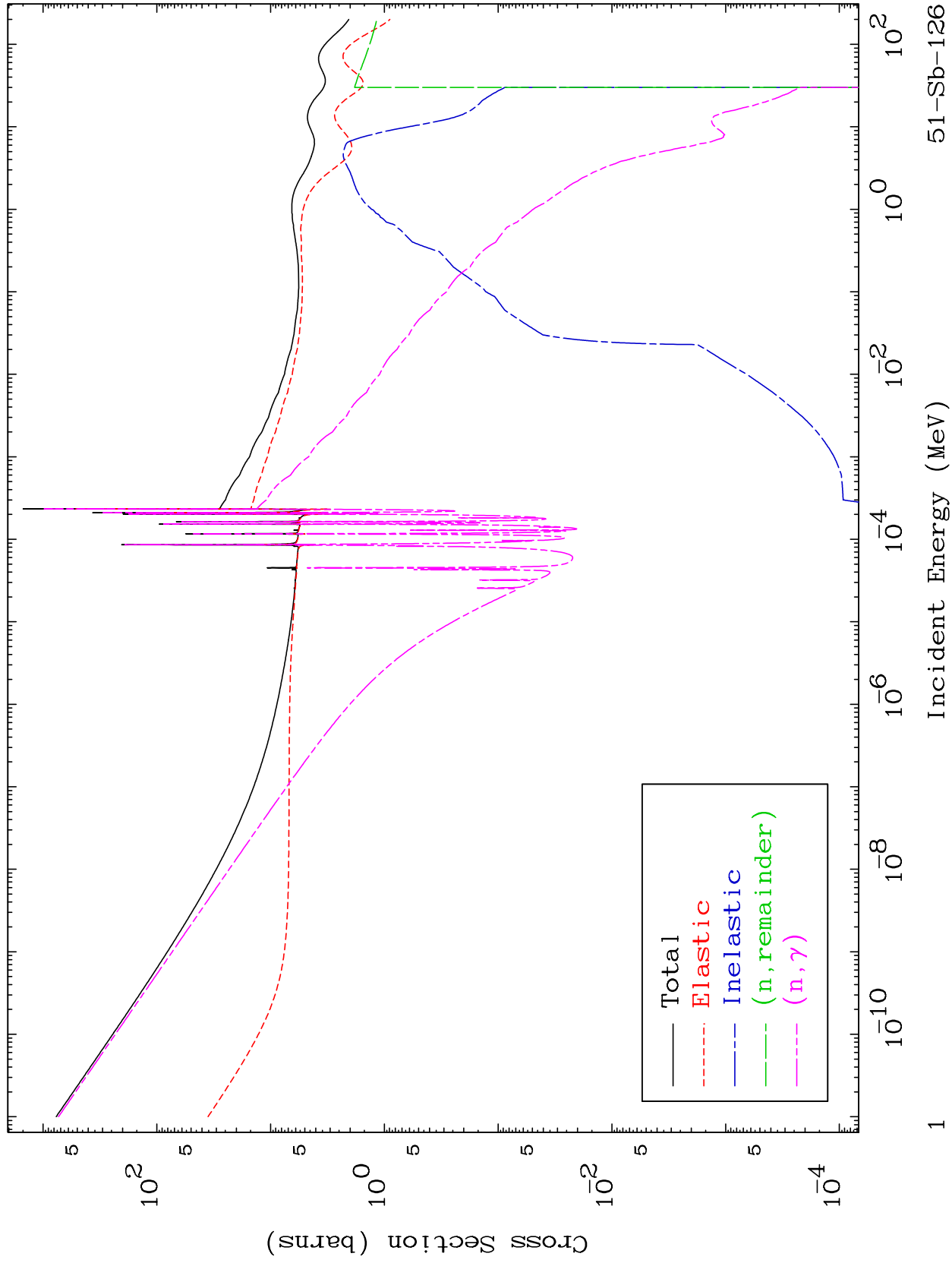
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5141

Major
293 Kelvin Cross Sections

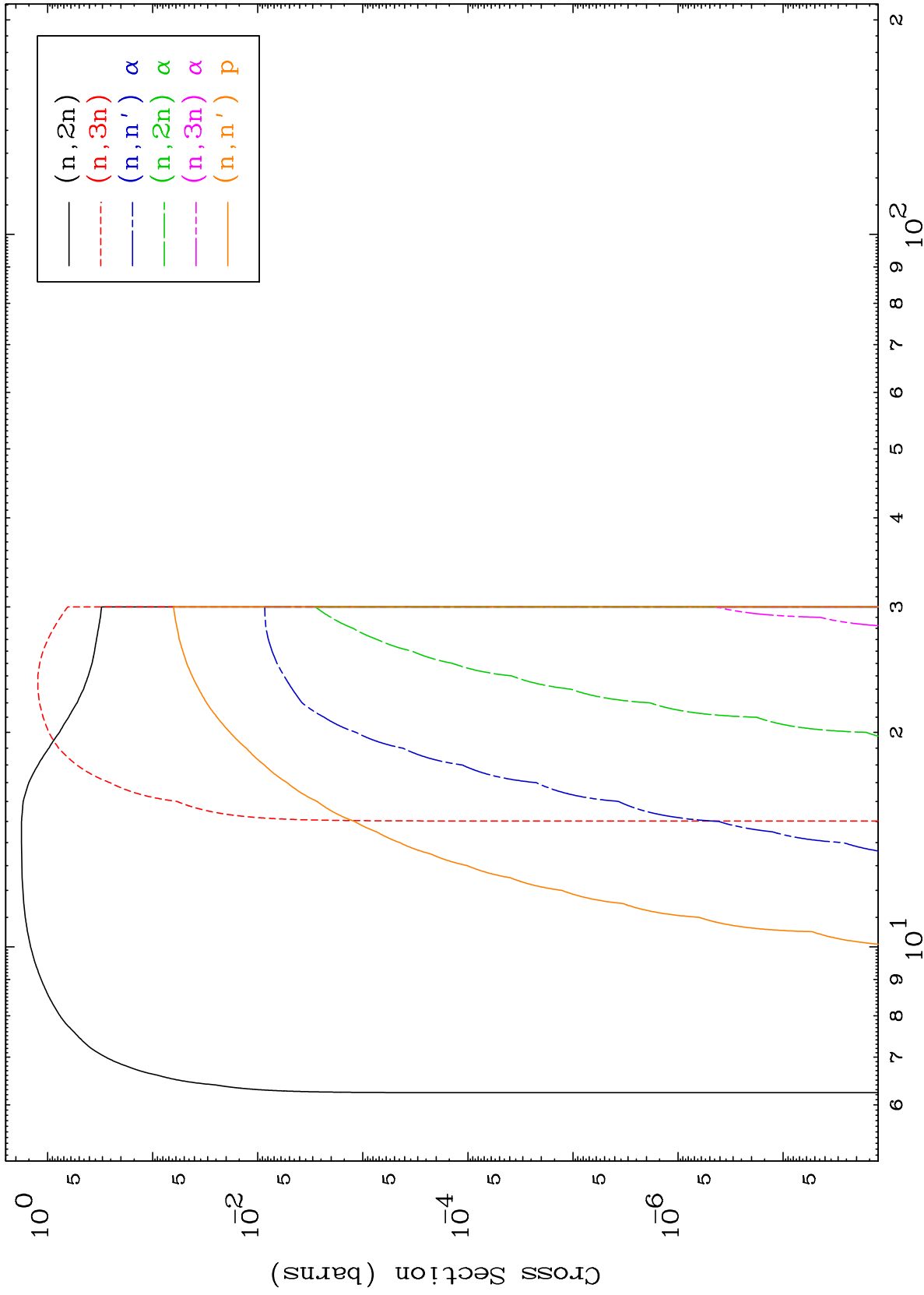
51-Sb-126



MAT 5141

Neutron Production
293 Kelvin Cross Sections

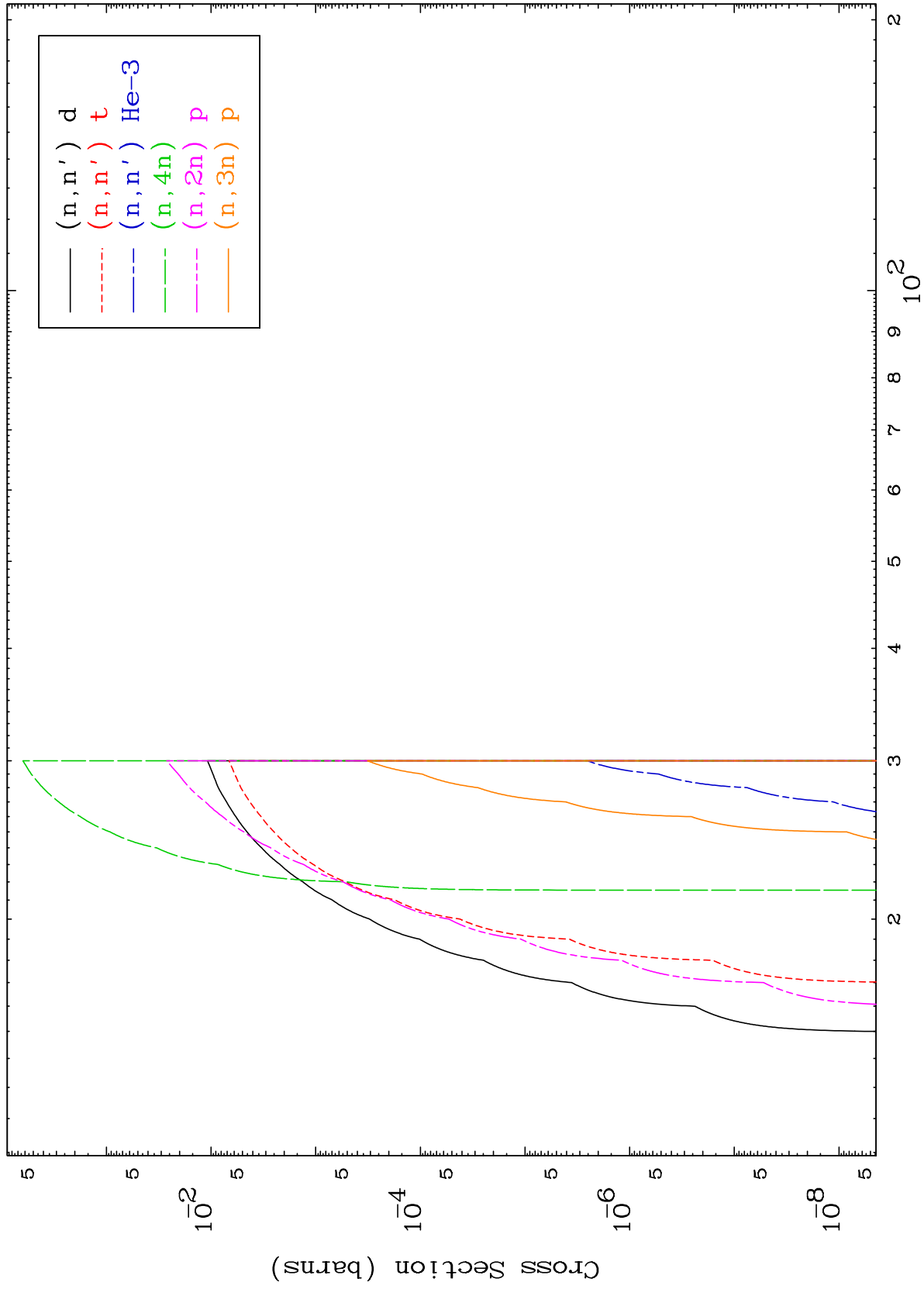
51-Sb-126

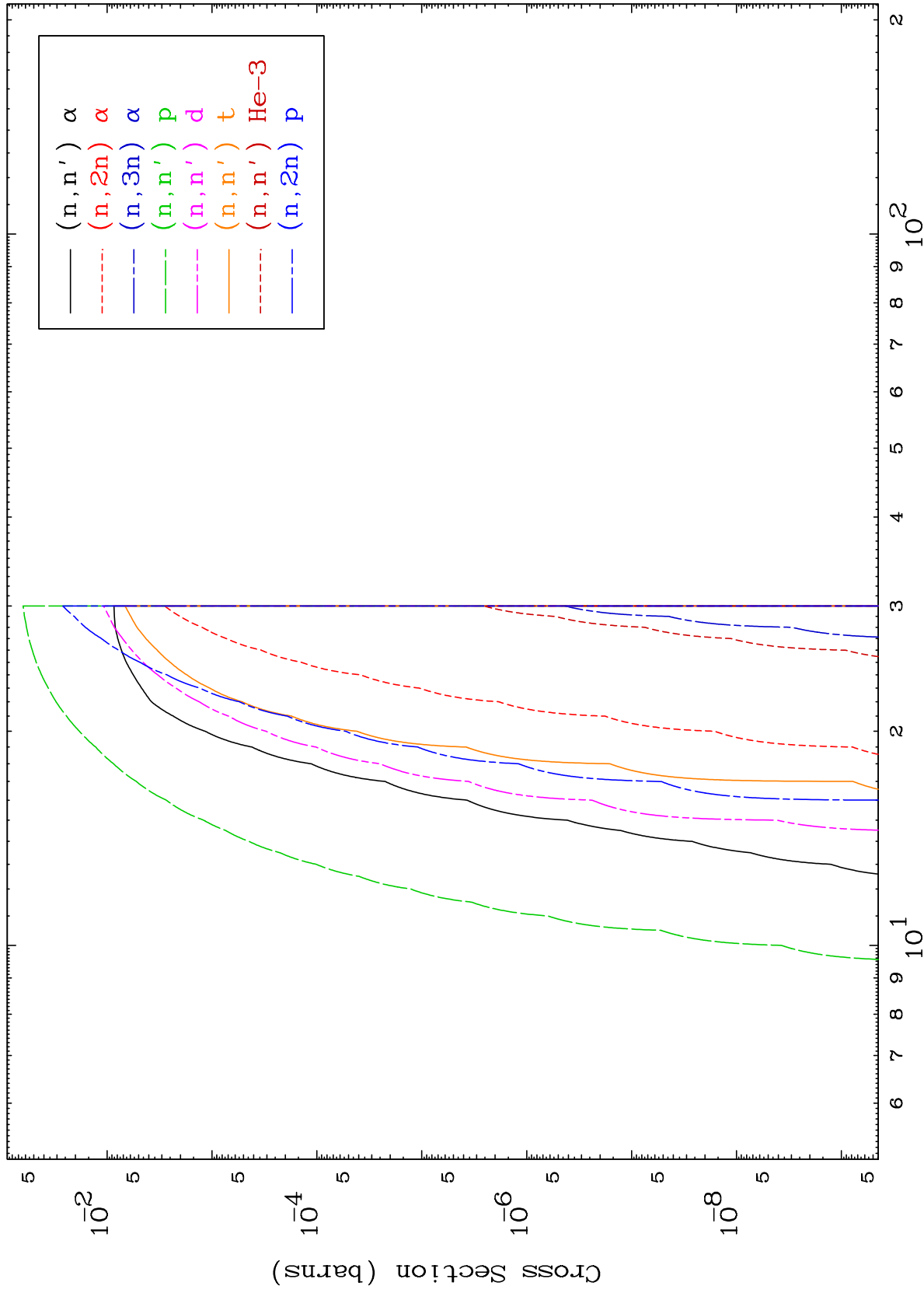


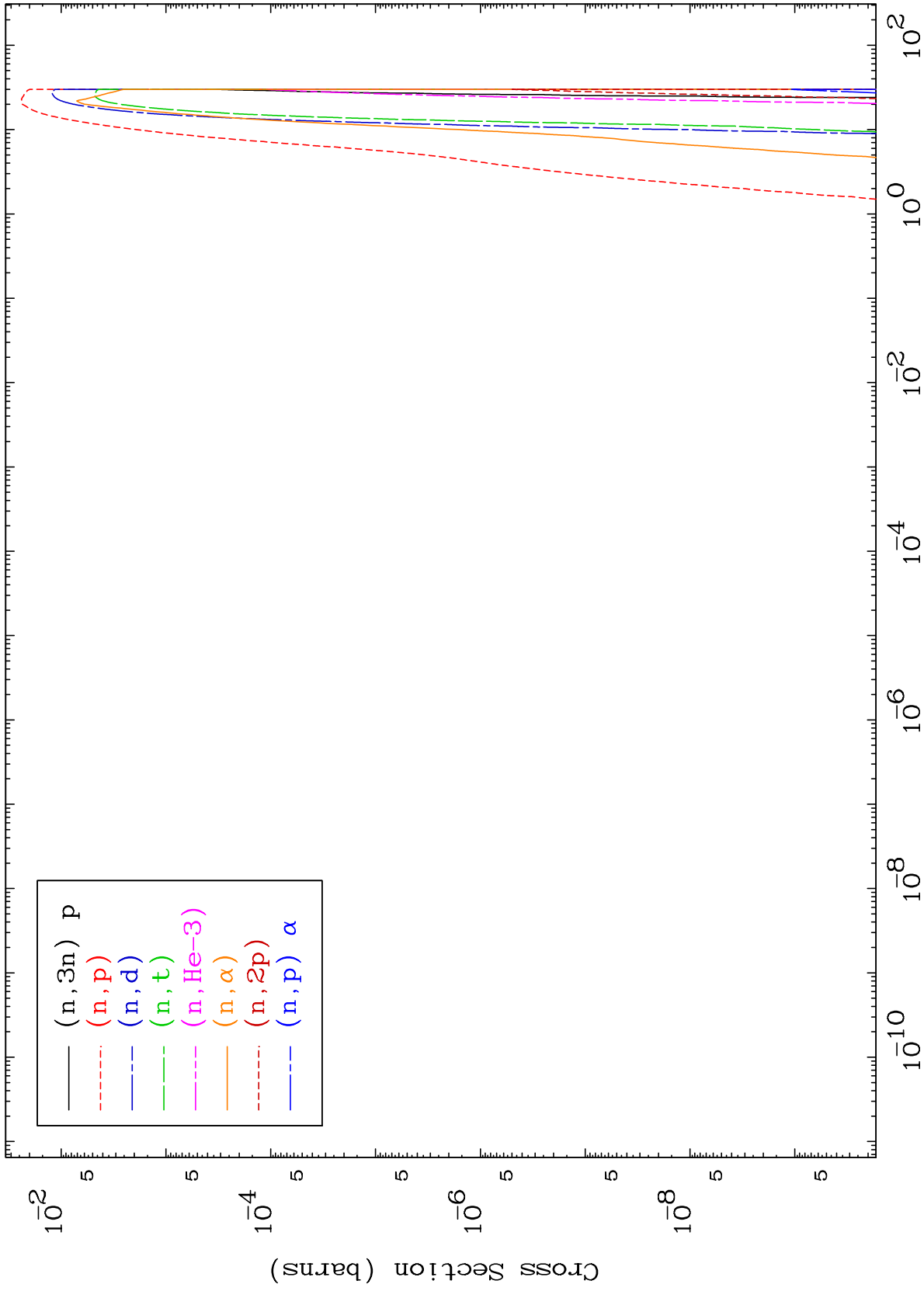
2

Incident Energy (MeV)

51-Sb-126



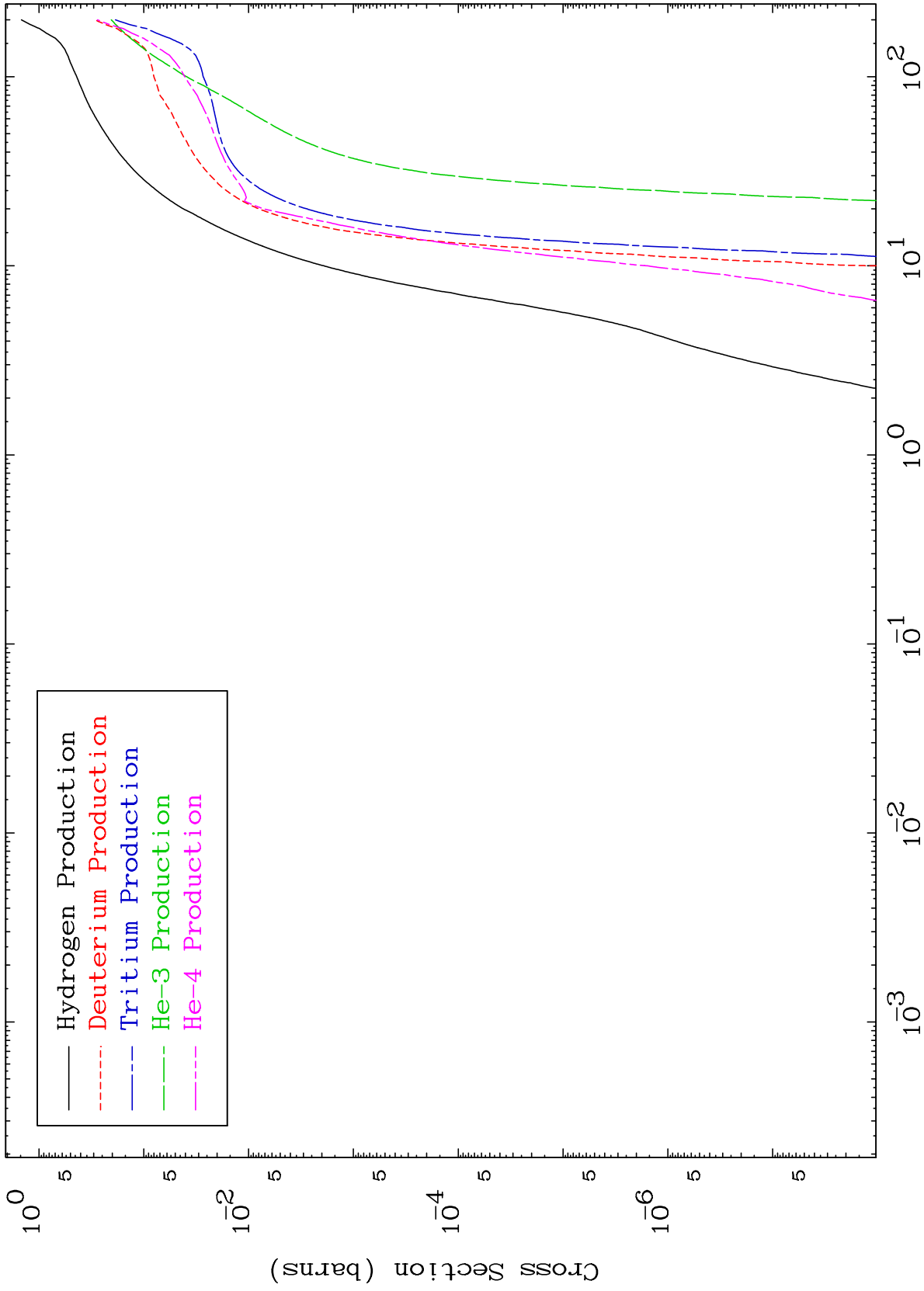




MAT 5141

Particle Production
293 Kelvin Cross Sections

51-Sb-126



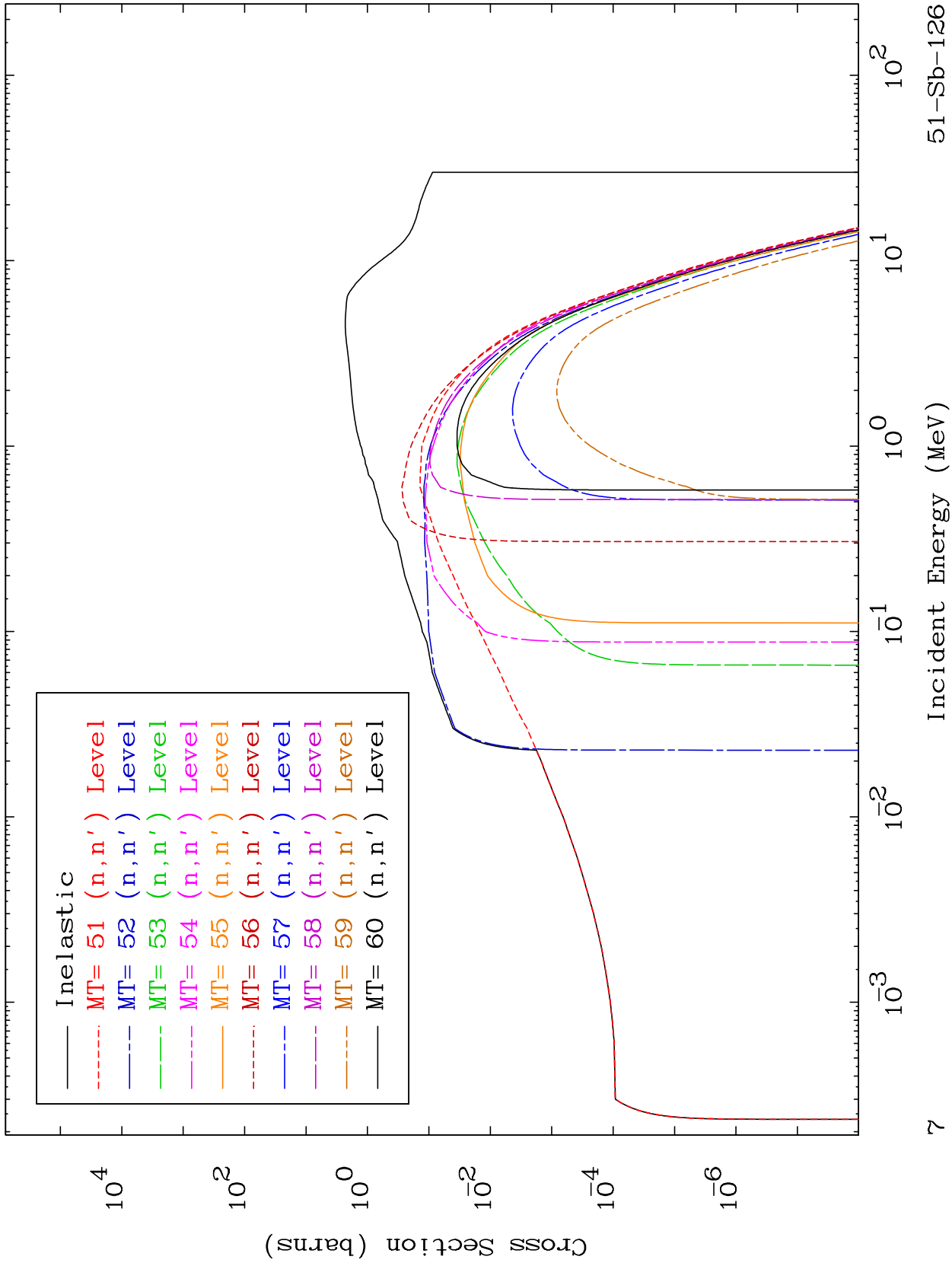
6

51-Sb-126

MAT 5141

293 Kelvin Cross Sections

51-Sb-126

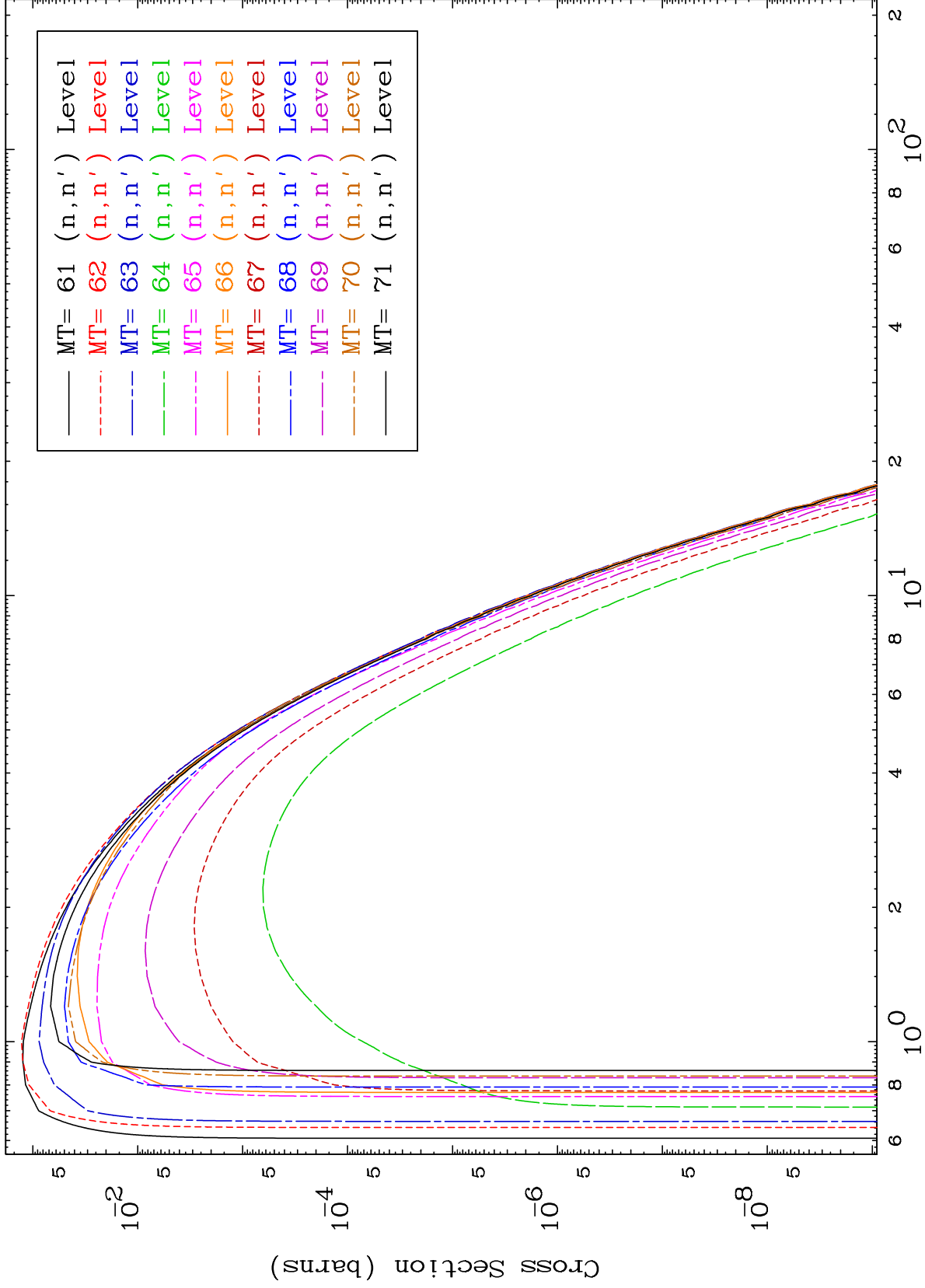


MAT 5141

(n,n') Level

51-Sb-126

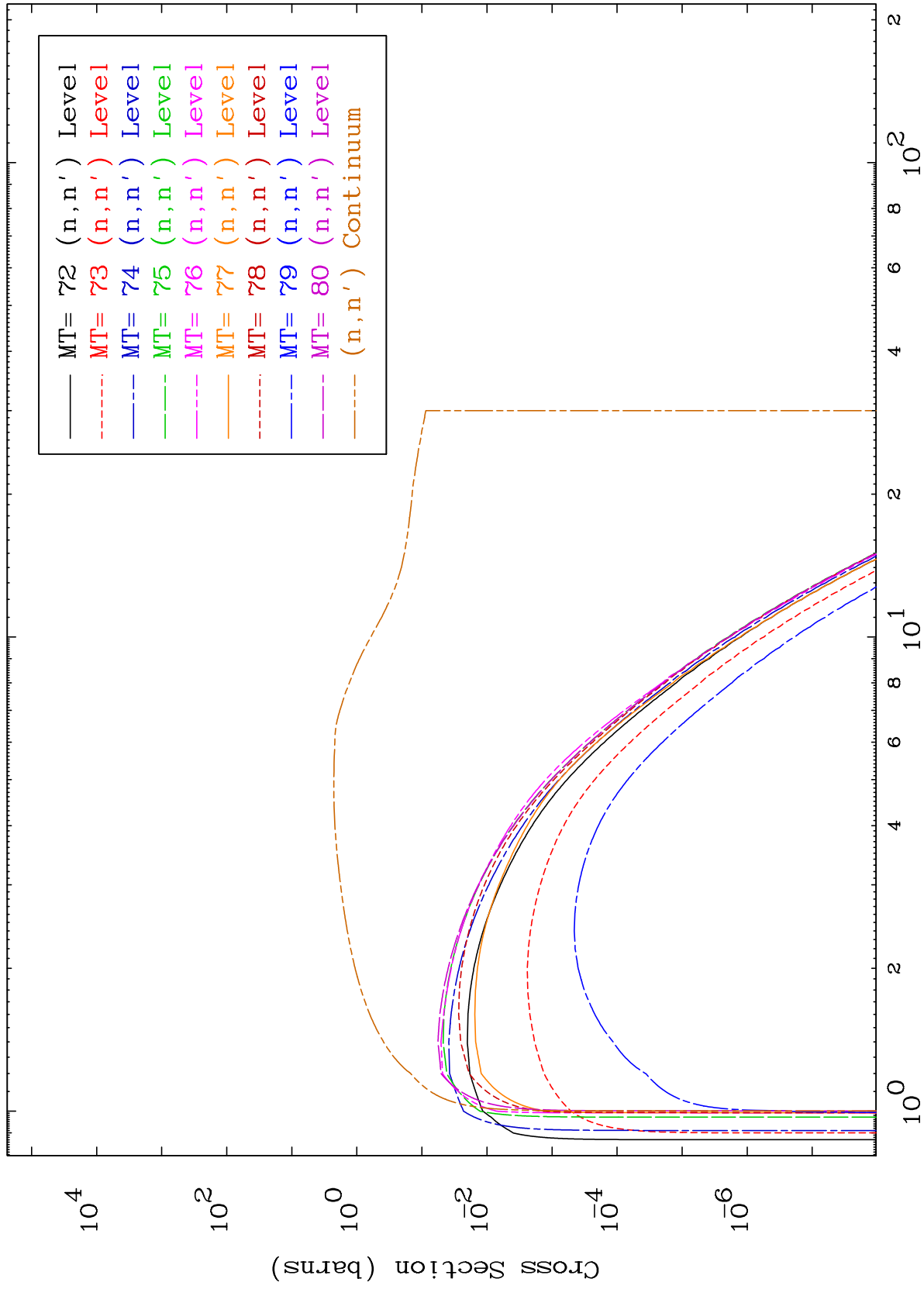
293 Kelvin Cross Sections



8

Incident Energy (MeV)

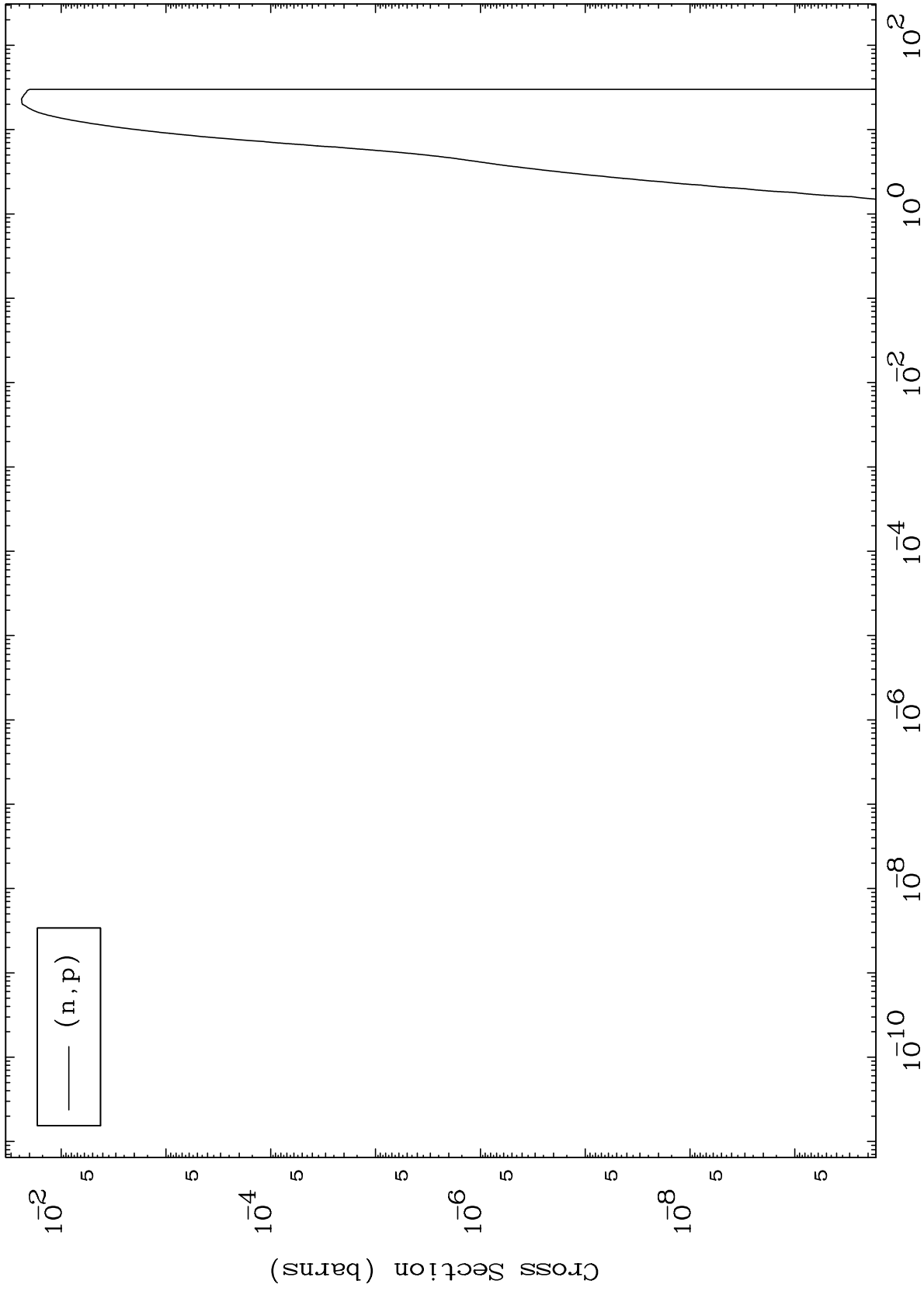
51-Sb-126



MAT 5141

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-126



10

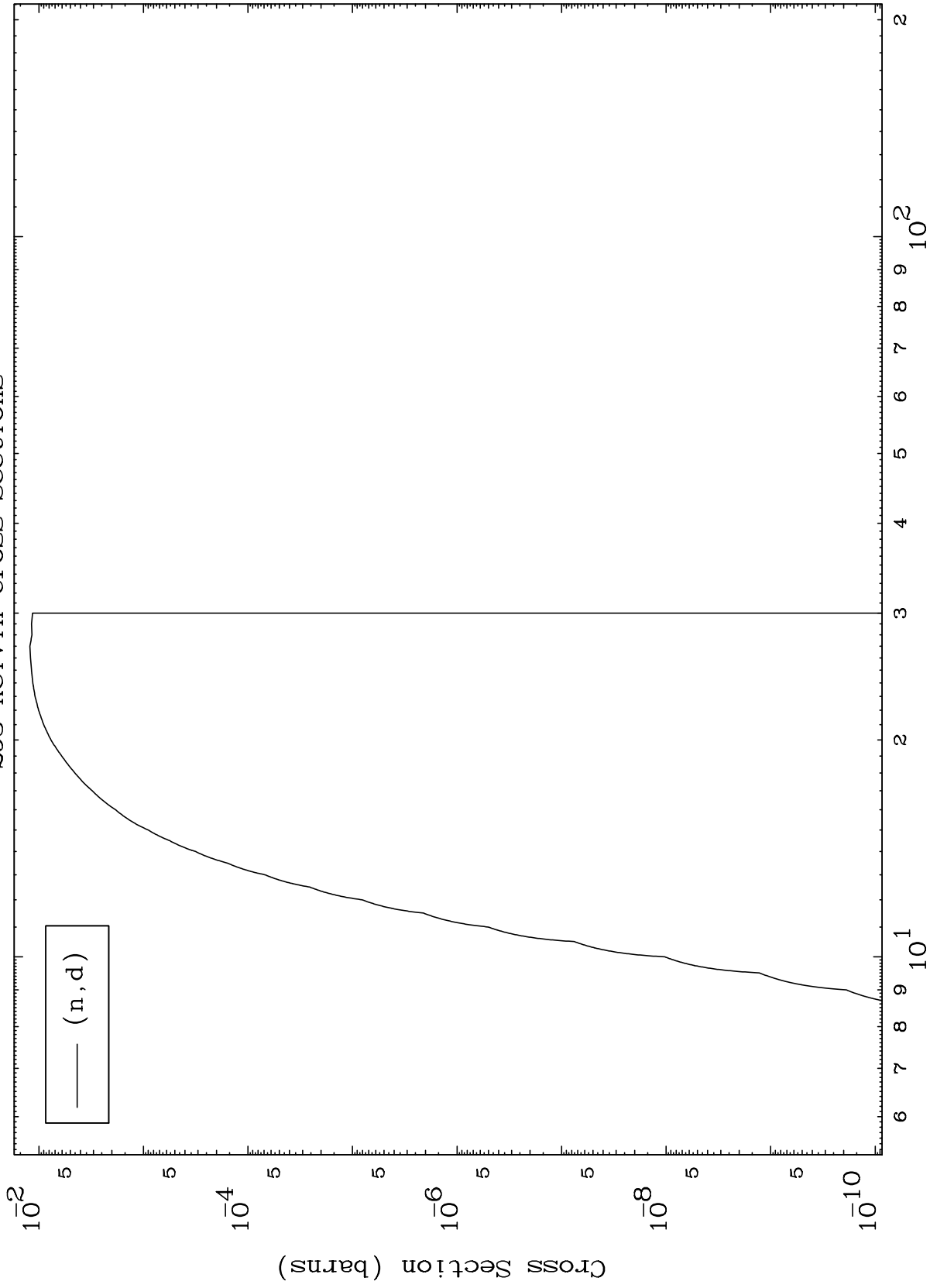
Incident Energy (MeV)

51-Sb-126

MAT 5141

51-Sb-126

(n,d) Levels
293 Kelvin Cross Sections



11

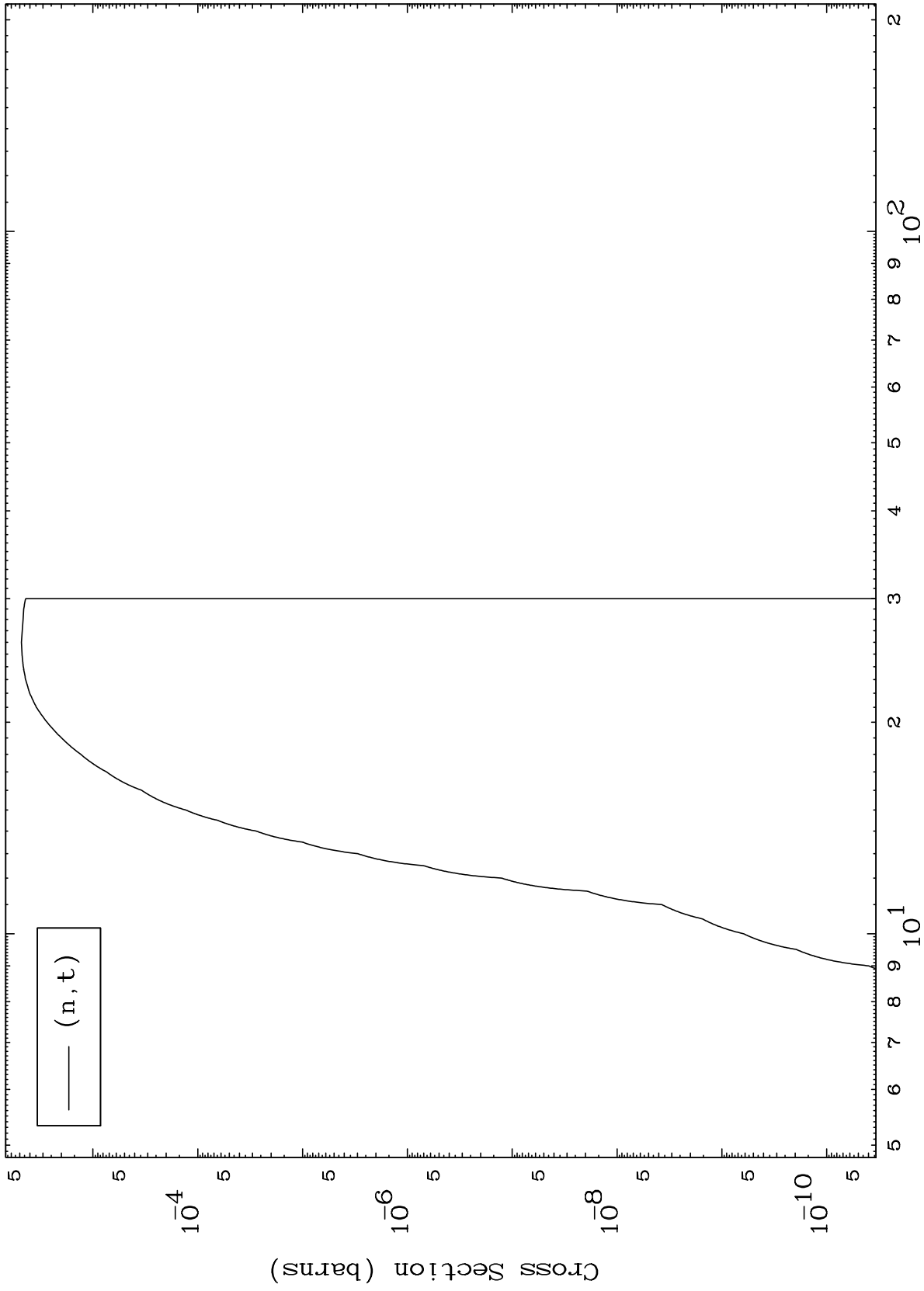
Incident Energy (MeV)

51-Sb-126

MAT 5141

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-126



12

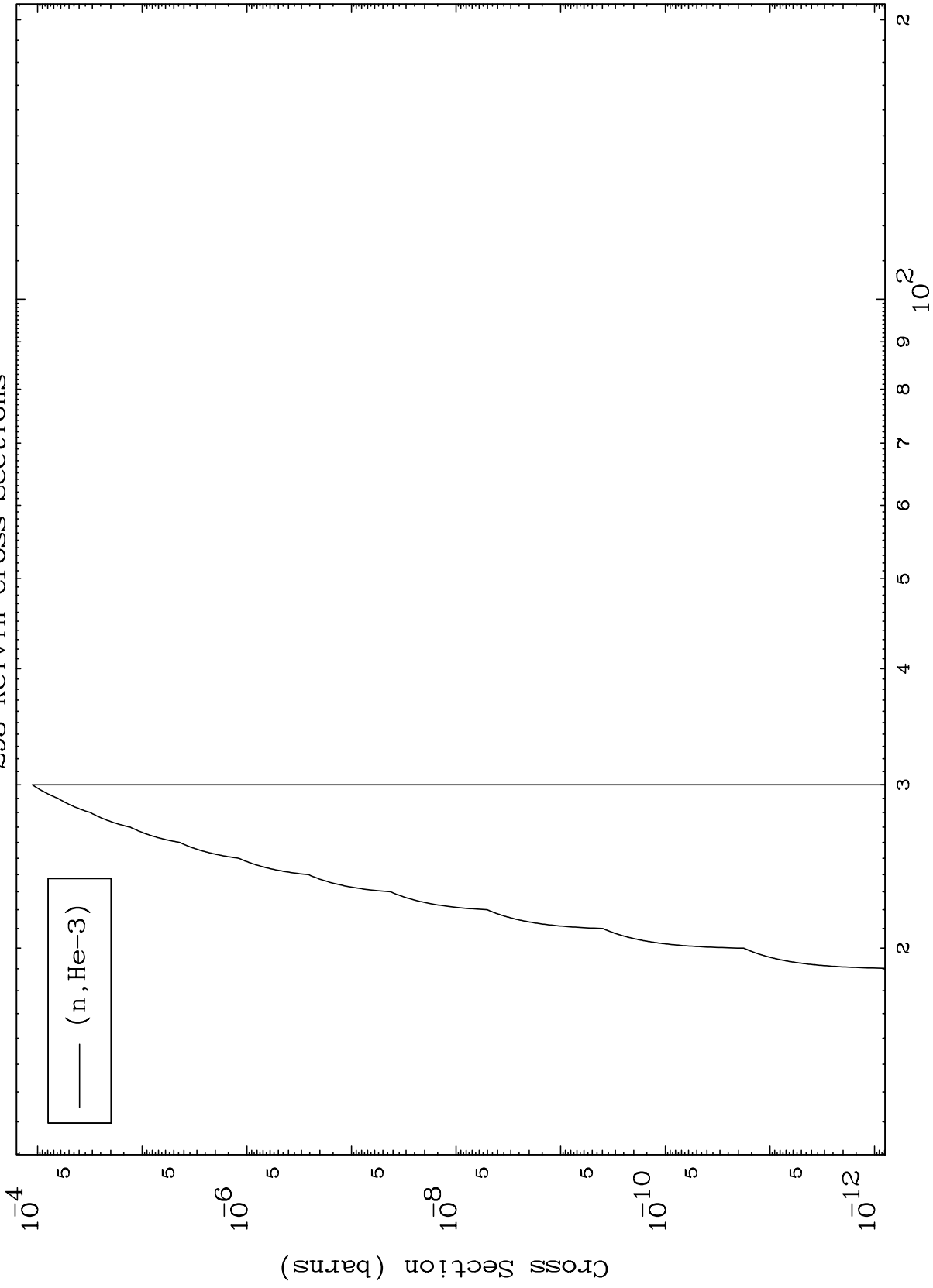
Incident Energy (MeV)

51-Sb-126

MAT 5141

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-126



13

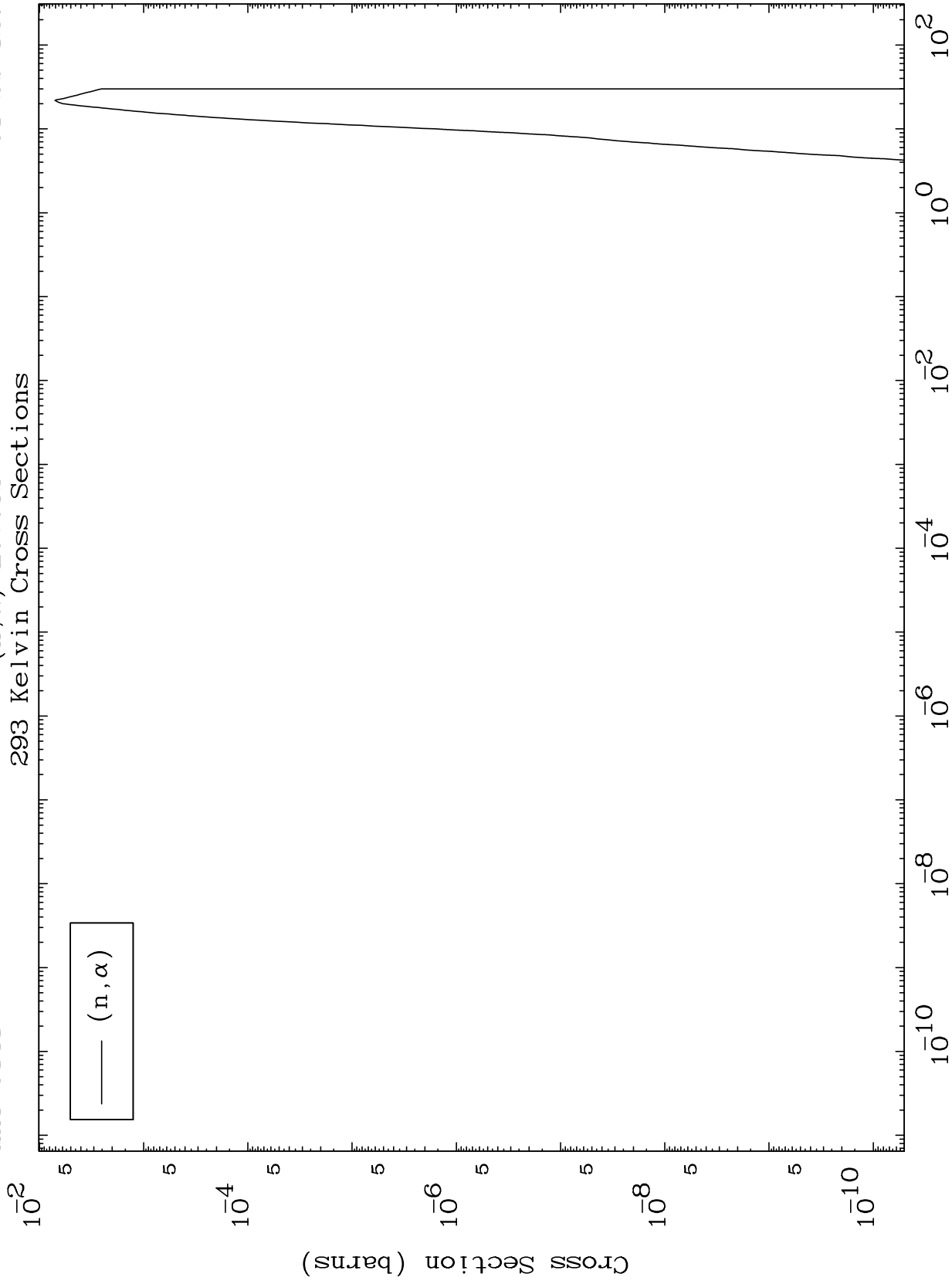
Incident Energy (MeV)

51-Sb-126

MAT 5141

(n,α) Levels
293 Kelvin Cross Sections

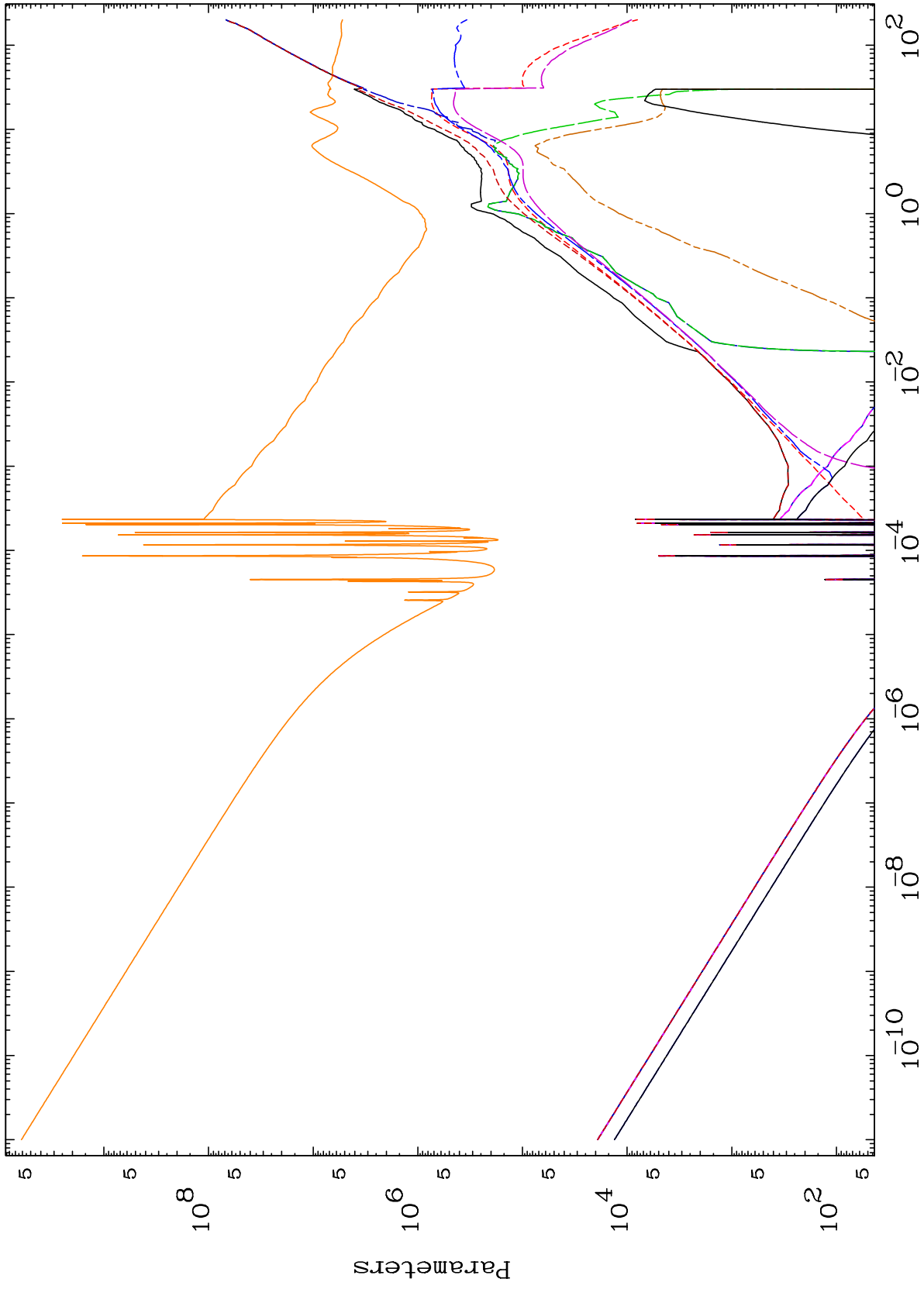
51-Sb-126



MAT 5141

Energy Release
Parameters

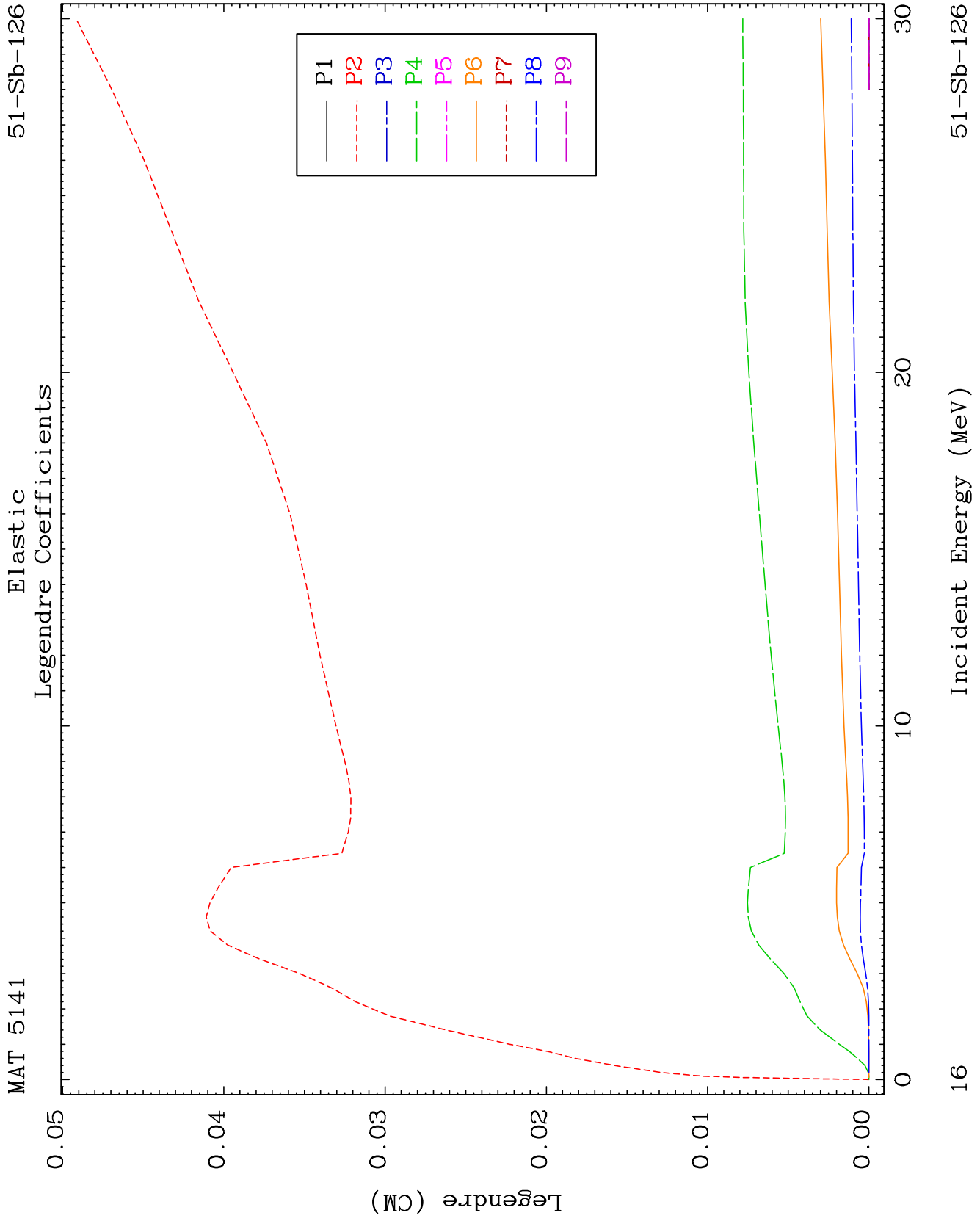
51-Sb-126



15

Incident Energy (MeV)

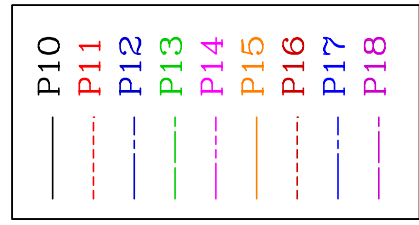
51-Sb-126



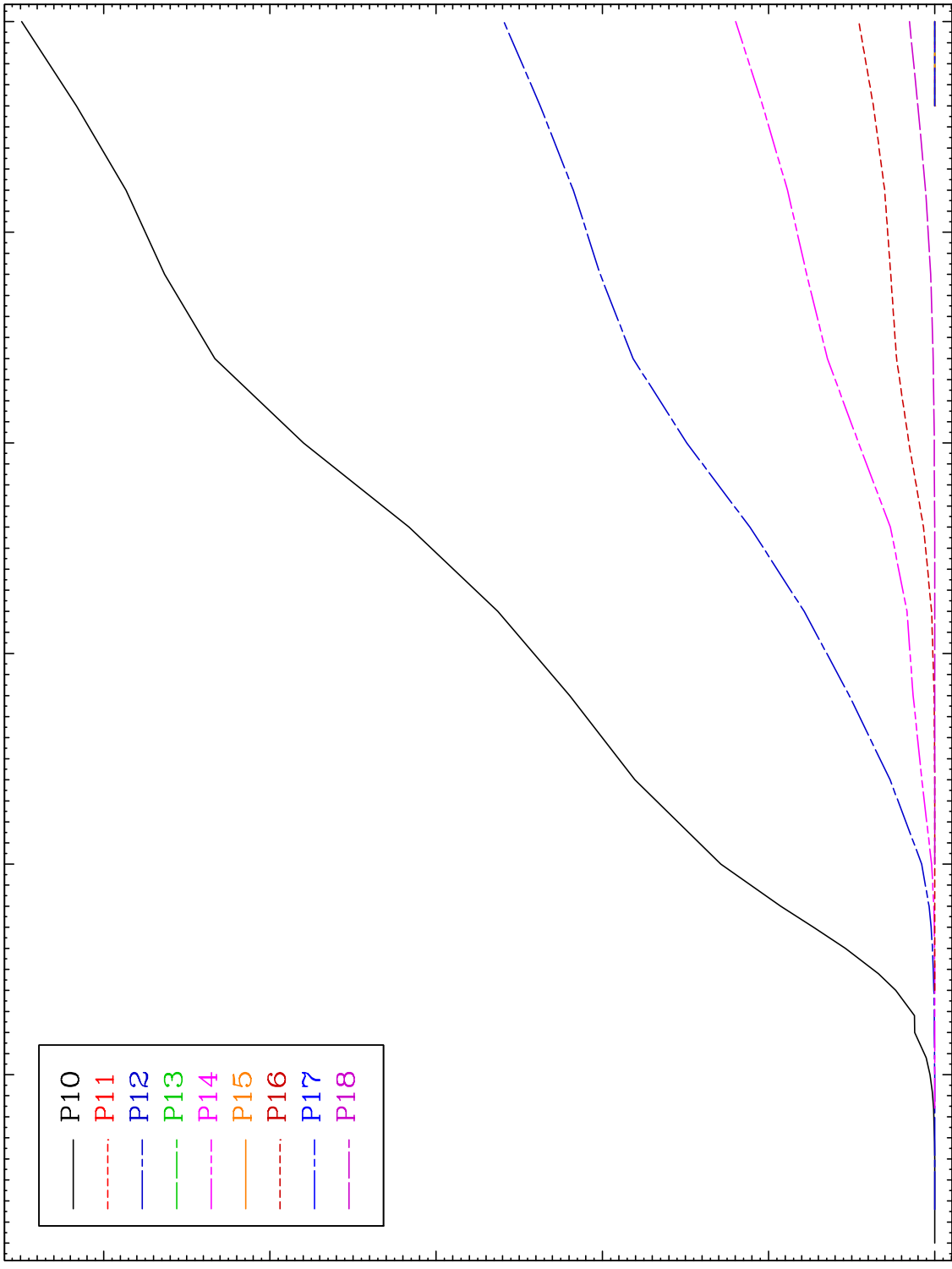
MAT 5141

Elastic Legendre Coefficients

51-Sb-126



Legendre (CM) $\times 10^{-4}$



17

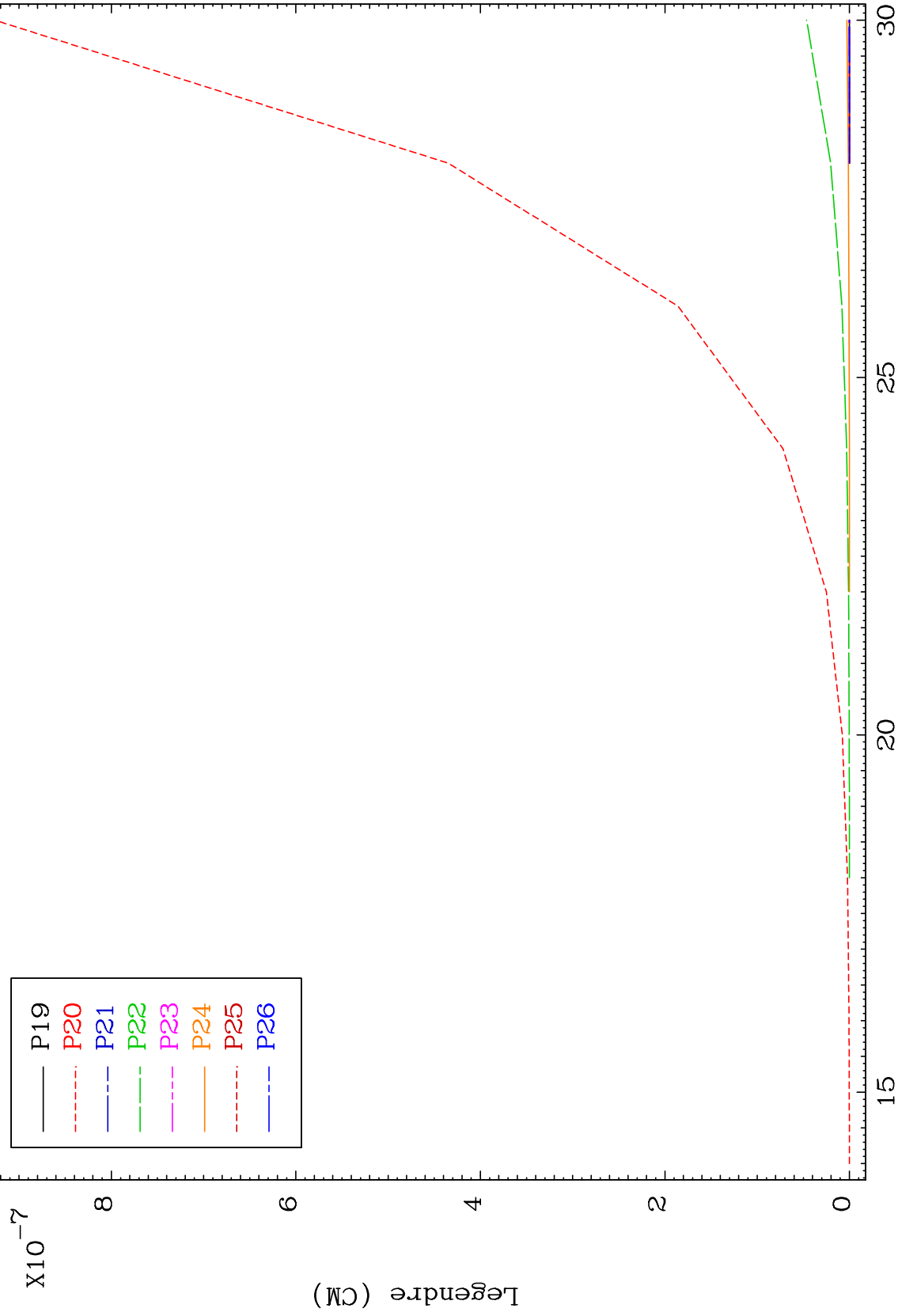
Incident Energy (MeV)

51-Sb-126

MAT 5141

Elastic Legendre Coefficients

51-Sb-126



18

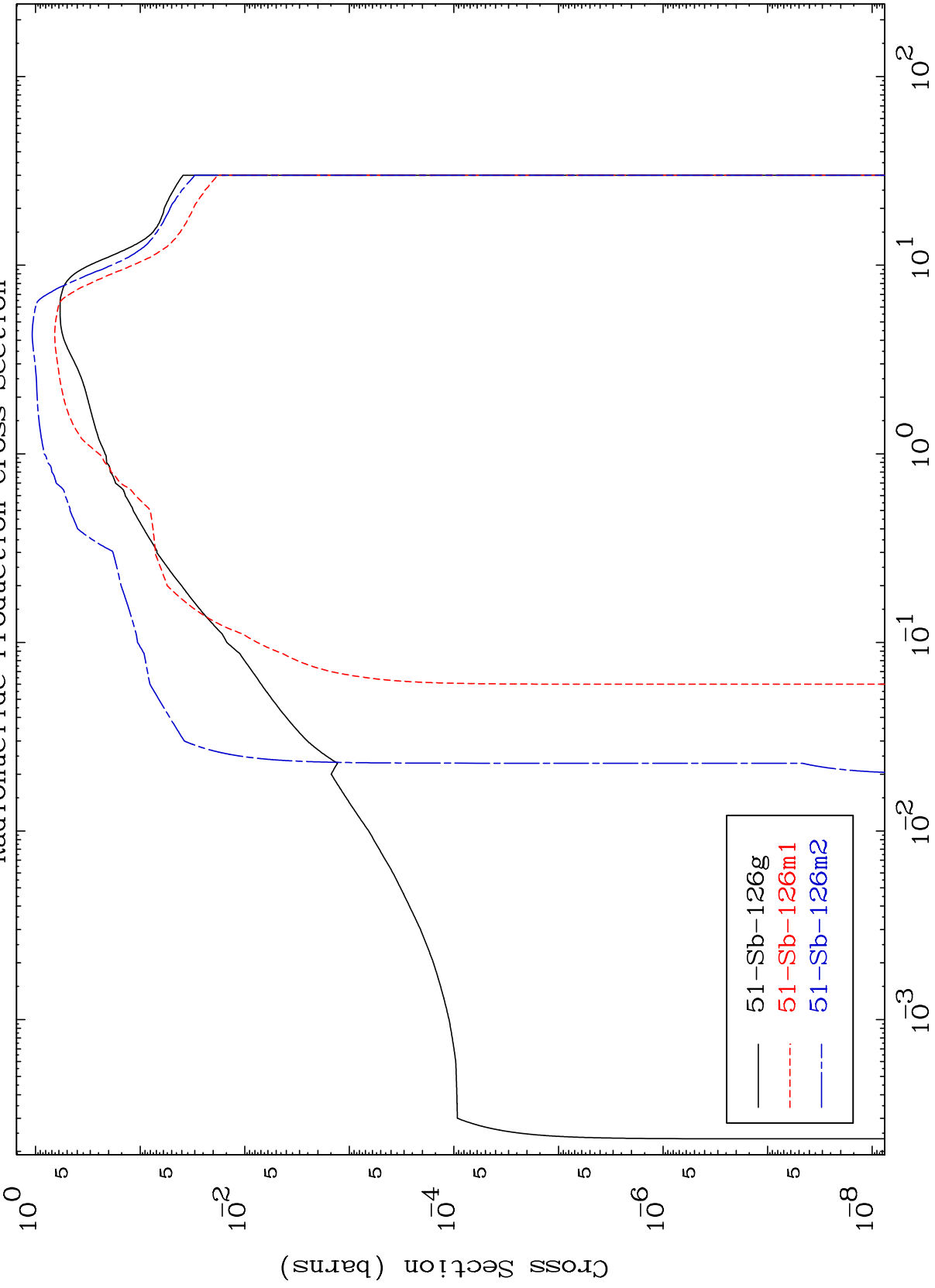
Incident Energy (MeV)

51-Sb-126

MAT 5141

51-Sb-126

Inelastic
Radionuclide Production Cross Section



19

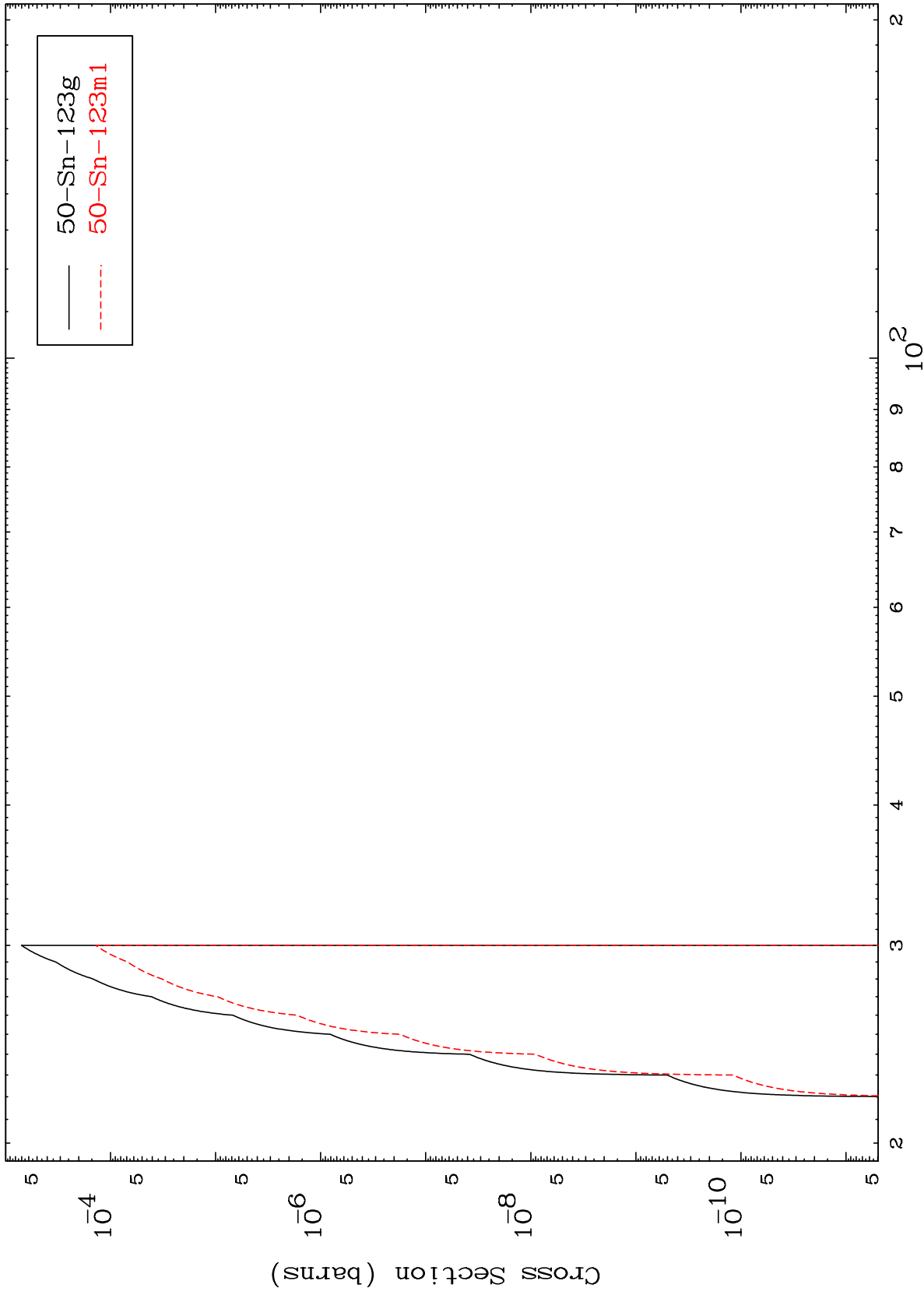
51-Sb-126

MAT 5141

(n,2n) d

51-Sb-126

Radionuclide Production Cross Section



20

Incident Energy (MeV)

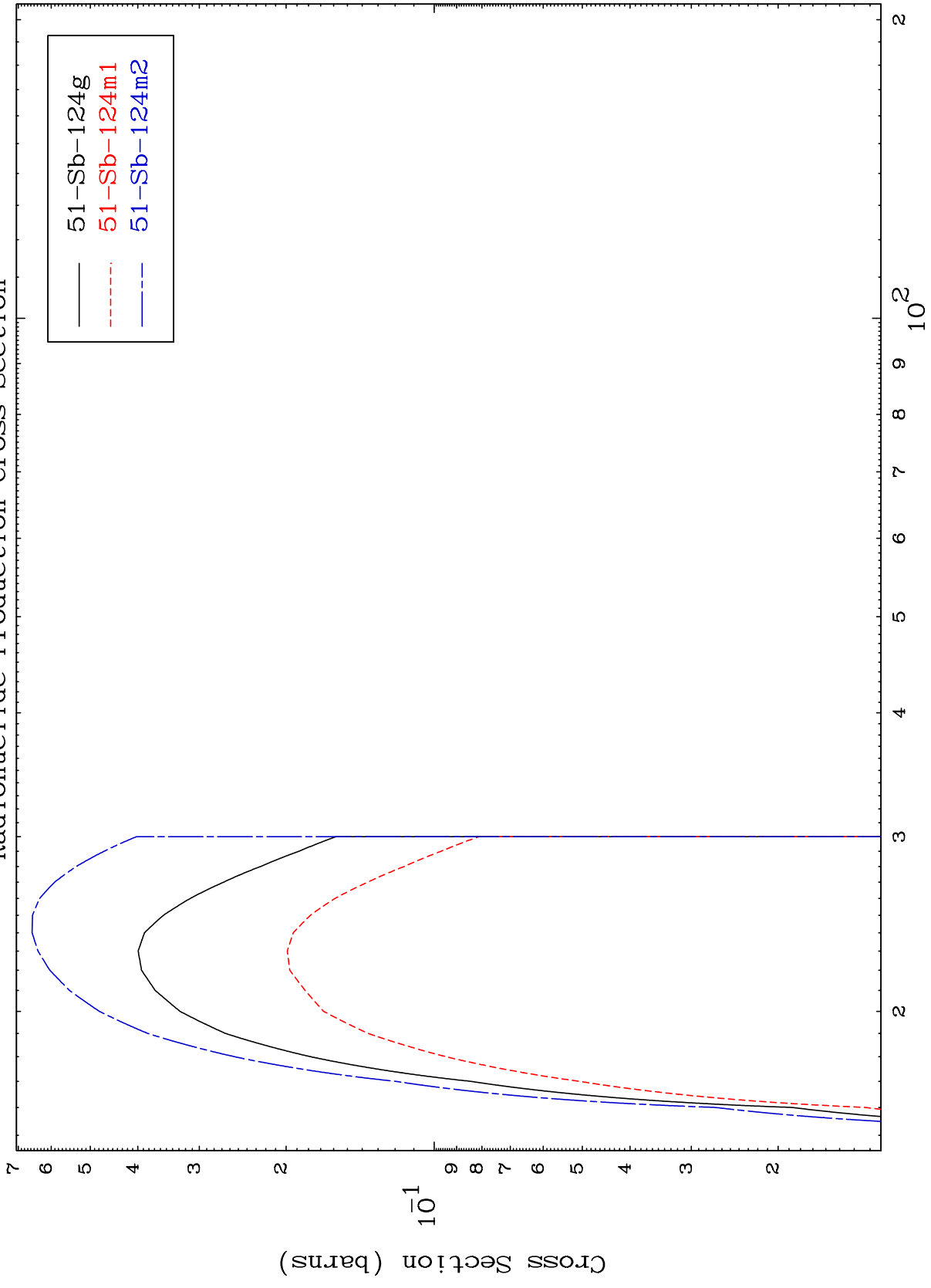
51-Sb-126

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(n,3n)

51-Sb-126

Radionuclide Production Cross Section



21

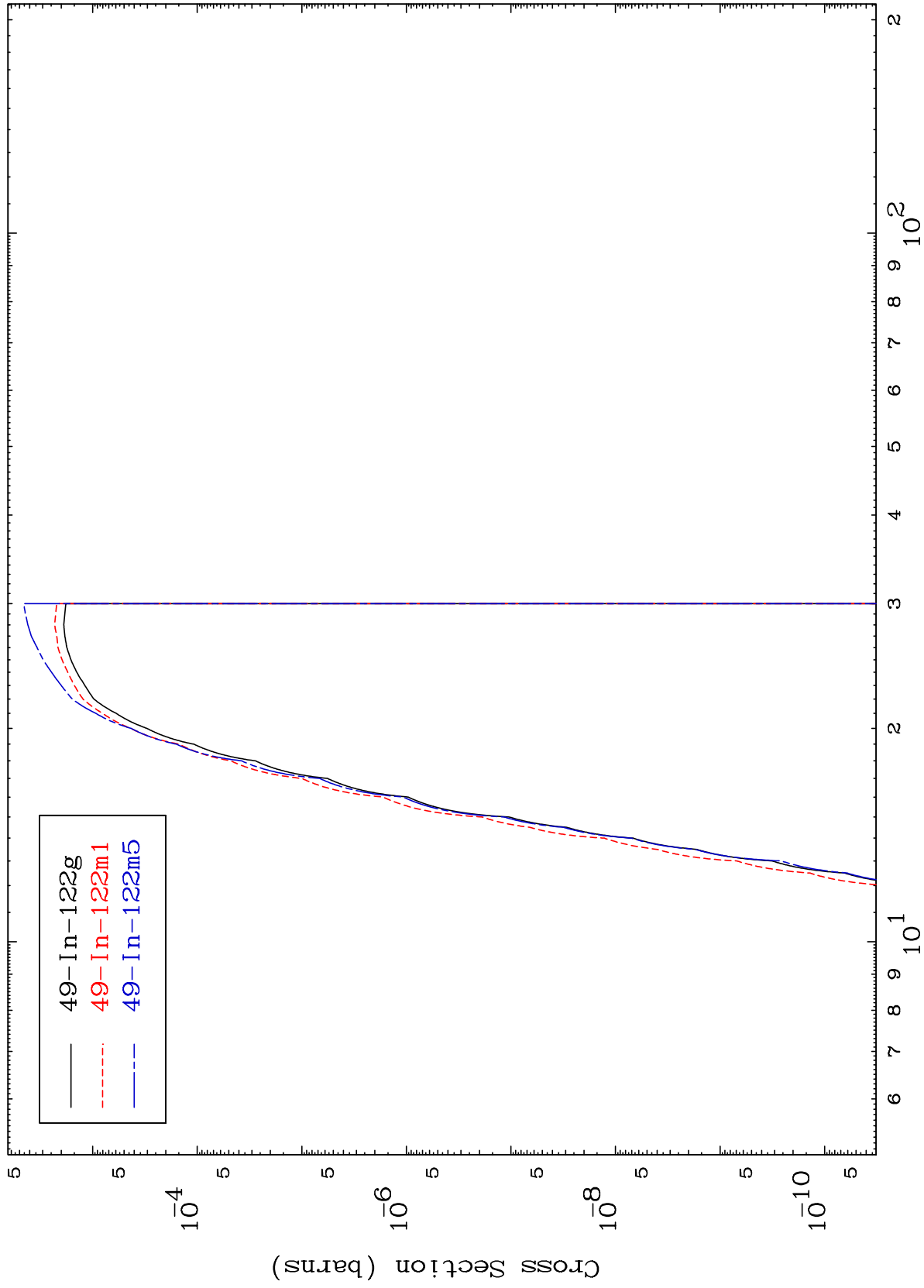
Incident Energy (MeV)

51-Sb-126

MAT 5141

51-Sb-126

(n,n') α
Radionuclide Production Cross Section



22

Incident Energy (MeV)

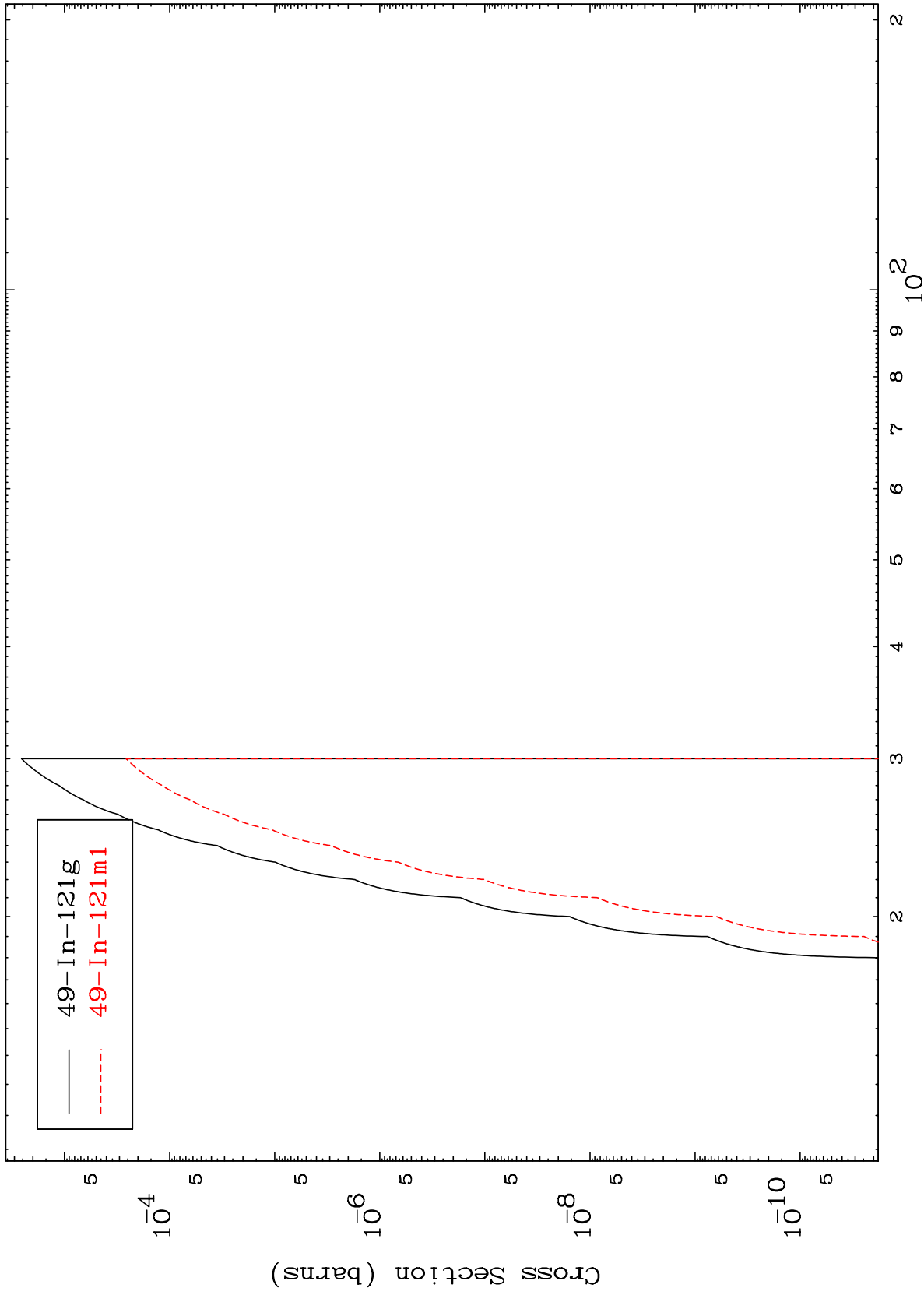
51-Sb-126

MAT 5141

(n,2n) α

51-Sb-126

Radionuclide Production Cross Section



23

Incident Energy (MeV)

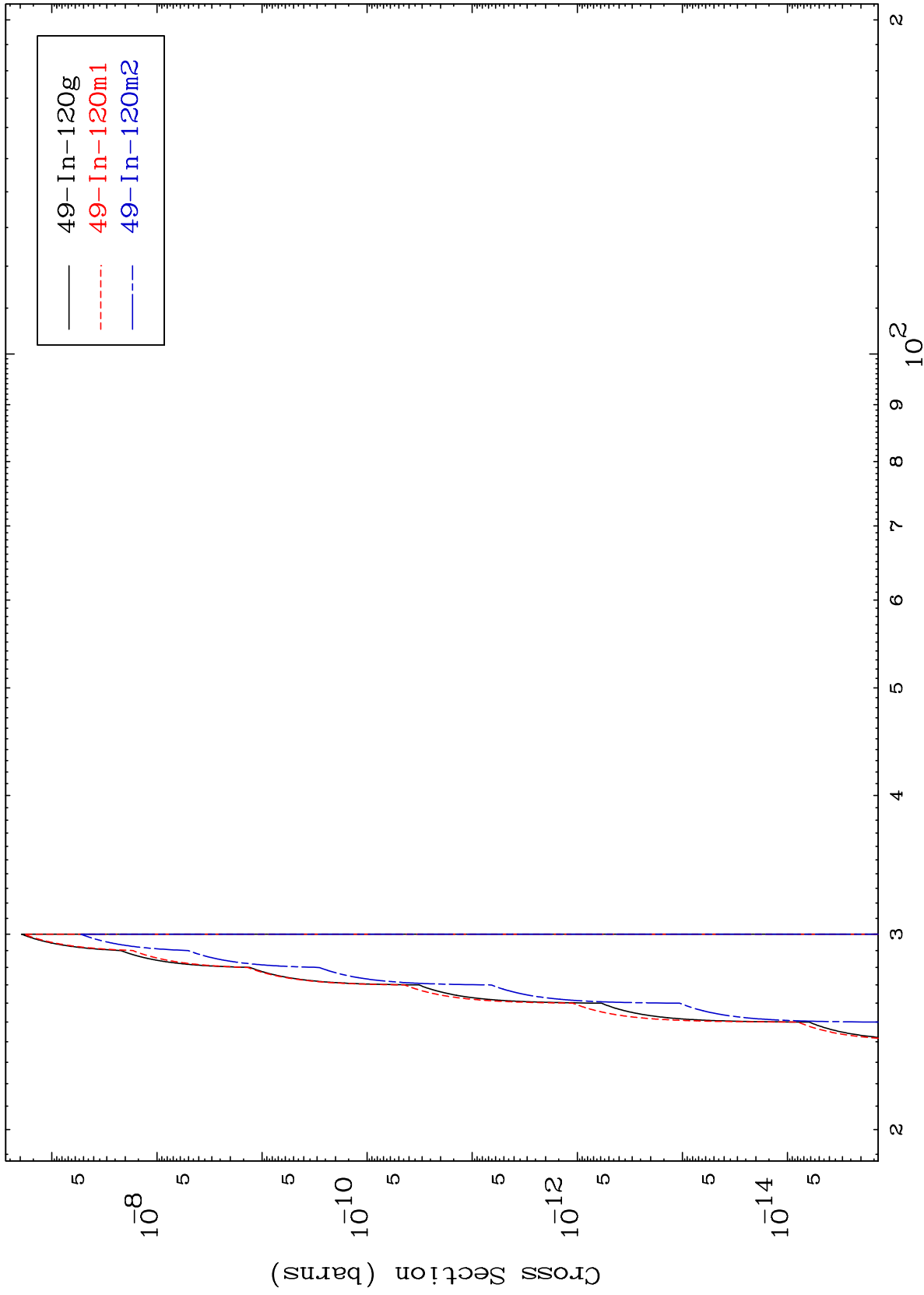
51-Sb-126

MAT 5141

(n,3n) α

51-Sb-126

Radionuclide Production Cross Section



24

Incident Energy (MeV)

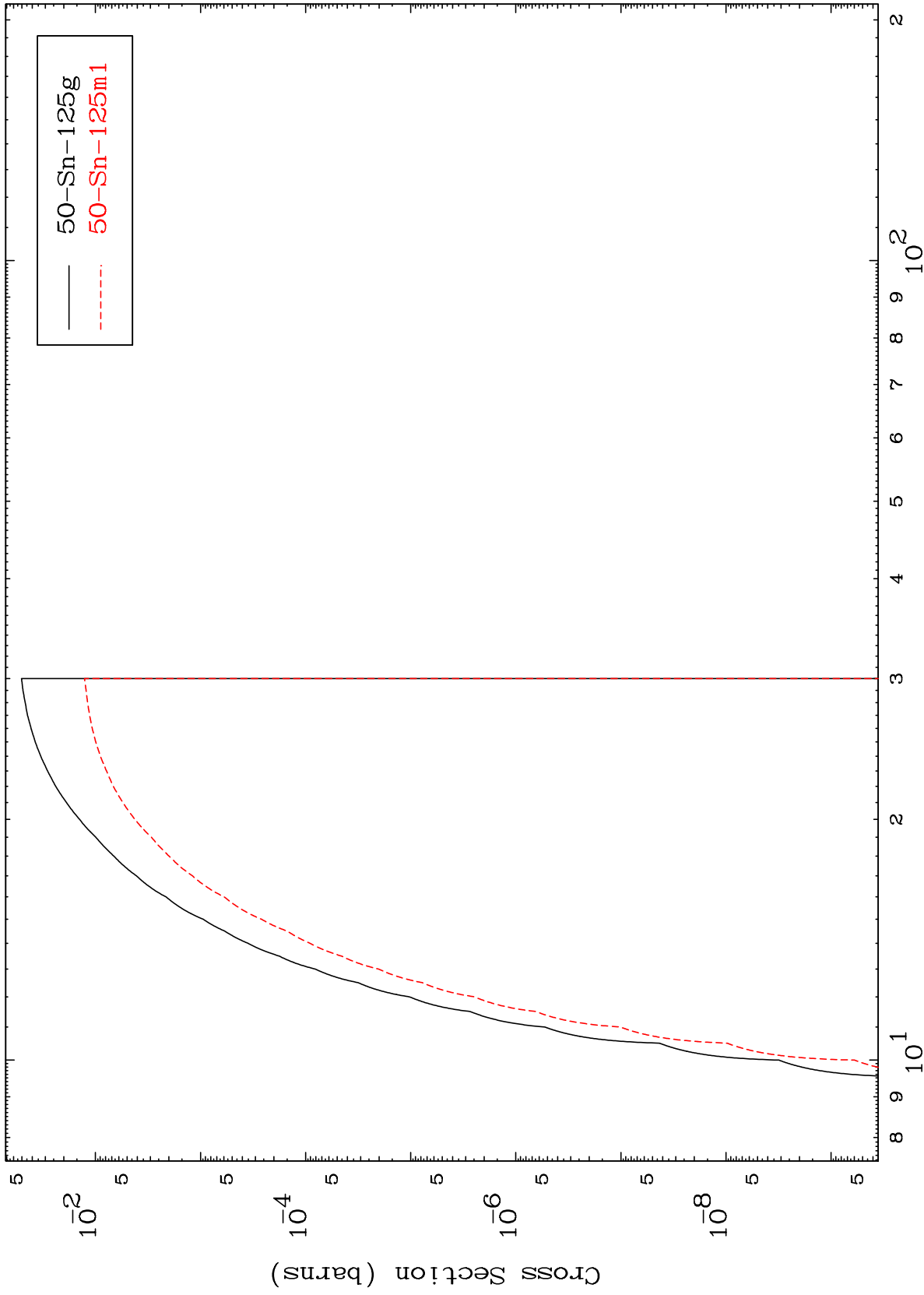
51-Sb-126

MAT 5141

(n,n') p

51-Sb-126

Radionuclide Production Cross Section



25

Incident Energy (MeV)

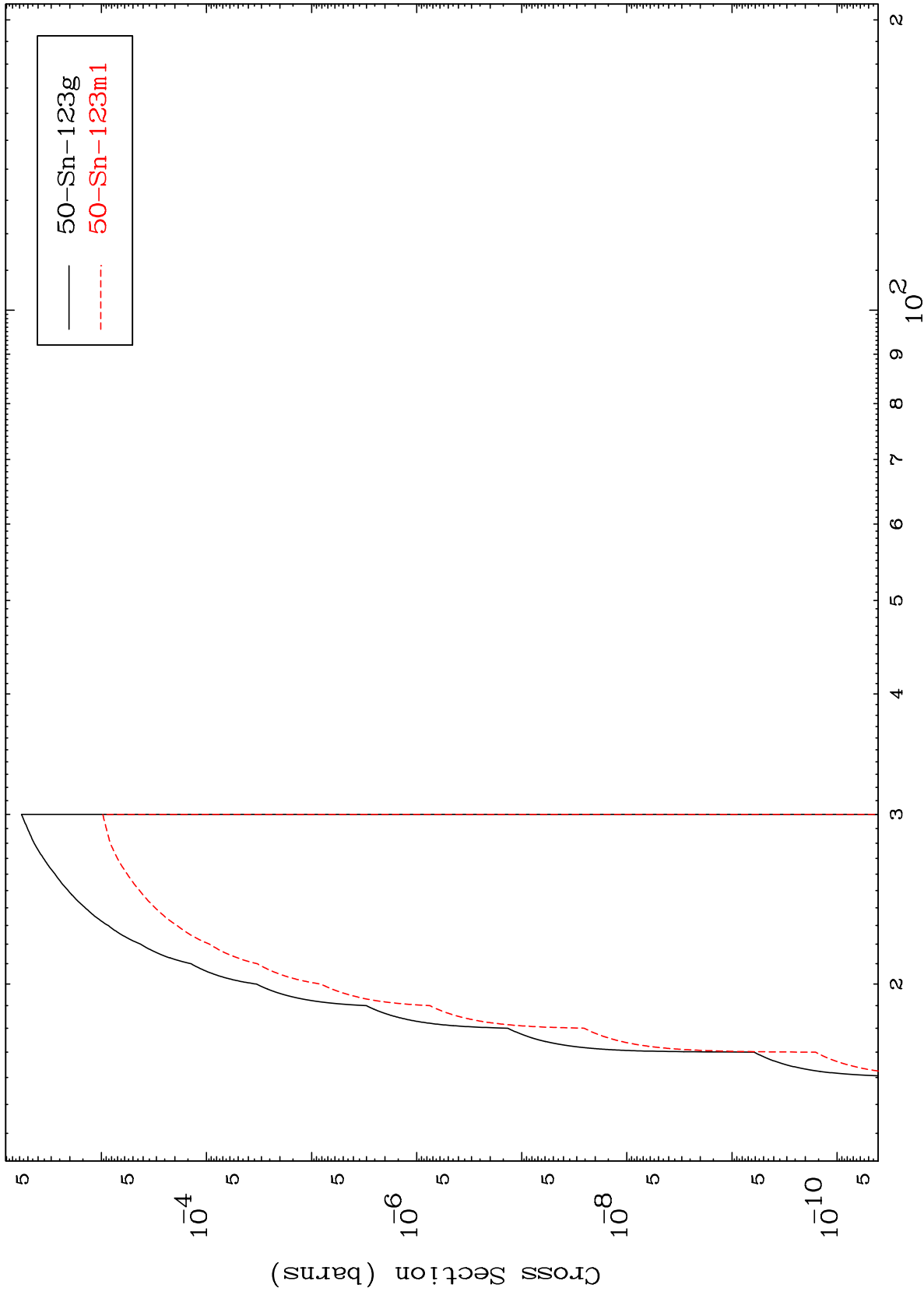
51-Sb-126

MAT 5141

(n,n') t

51-Sb-126

Radionuclide Production Cross Section



26

Incident Energy (MeV)

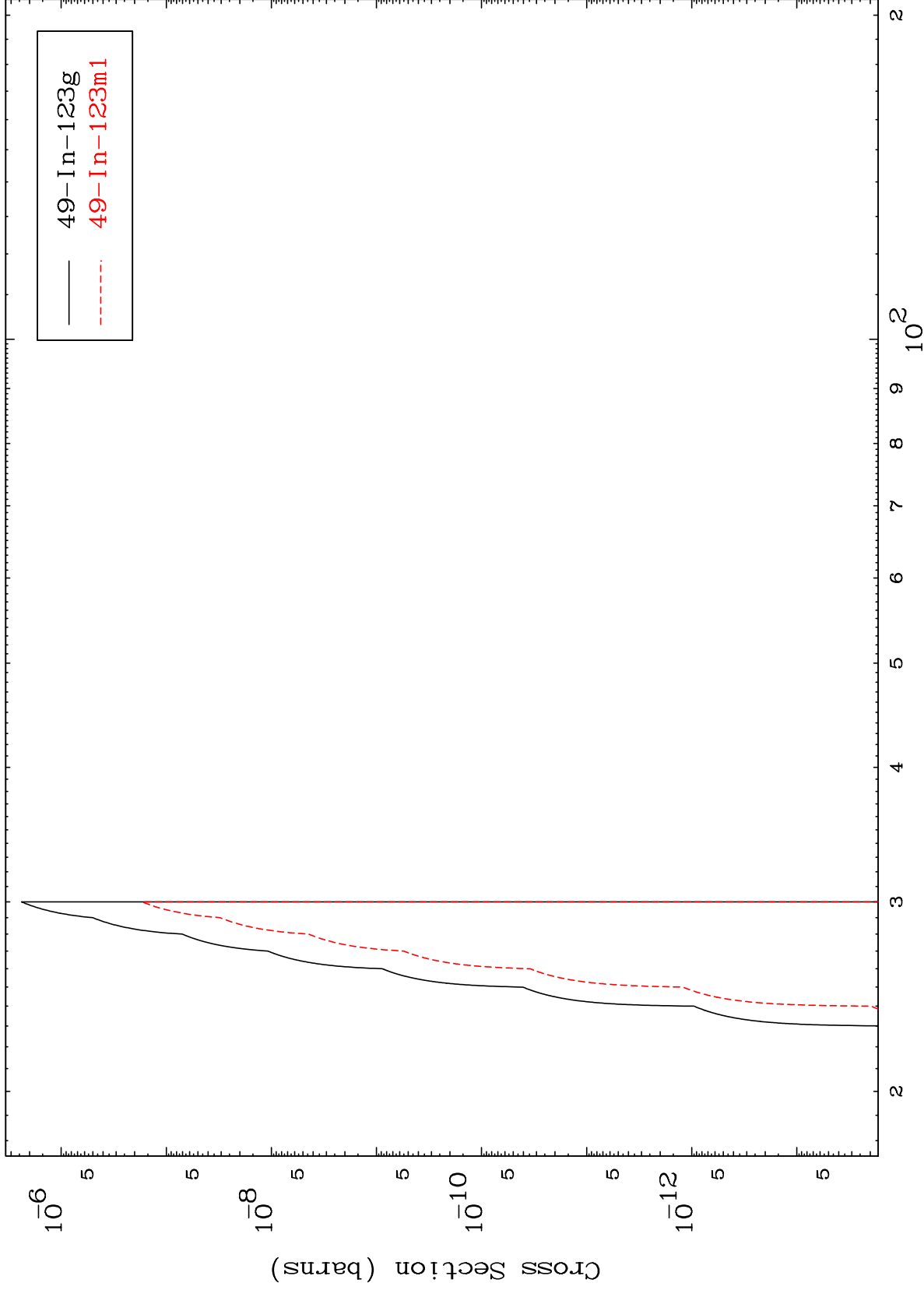
51-Sb-126

MAT 5141

(n, n') He-3

51-Sb-126

Radionuclide Production Cross Section



27

Incident Energy (MeV)

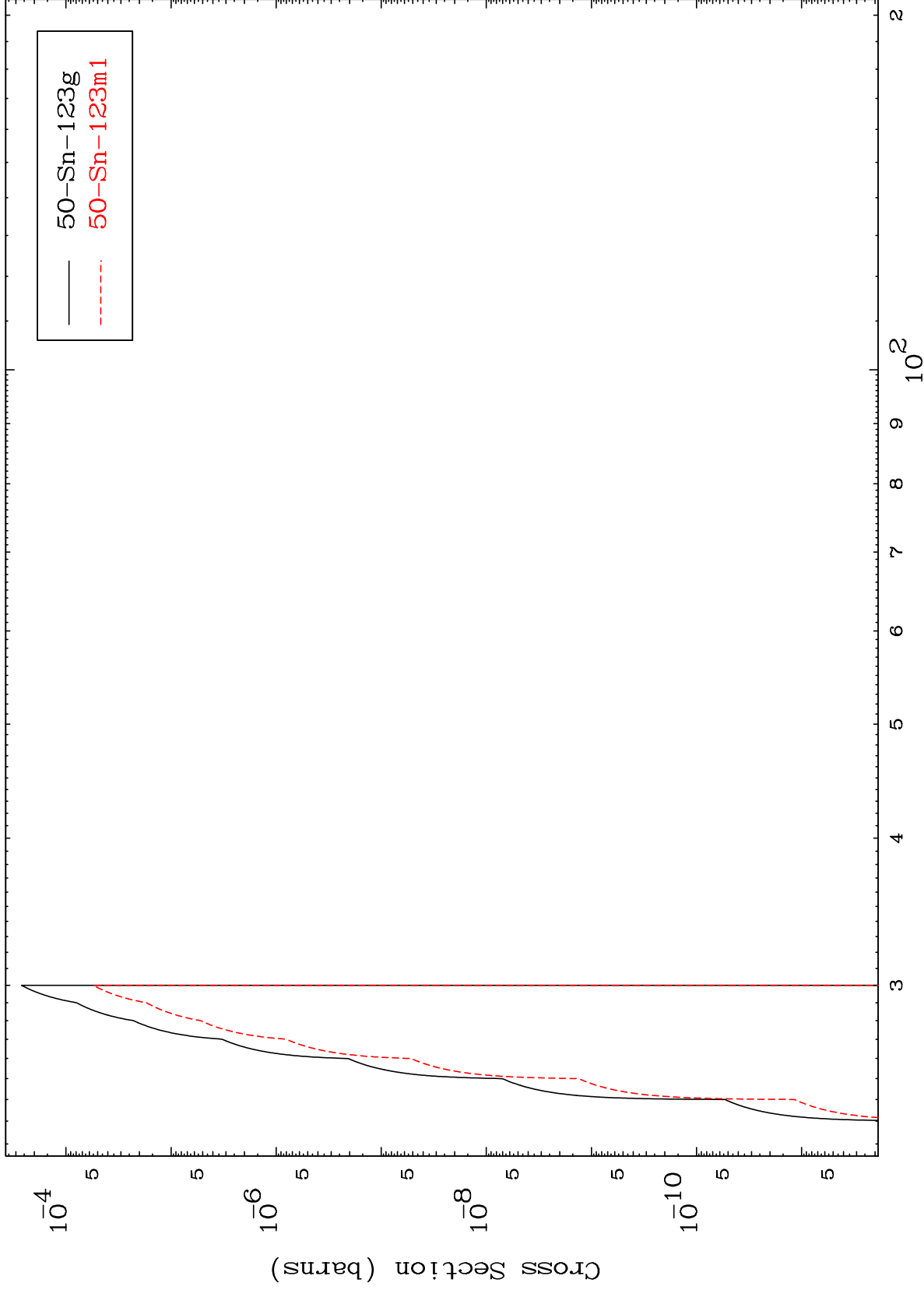
51-Sb-126

MAT 5141

(n,3n) p

51-Sb-126

Radionuclide Production Cross Section



28

Incident Energy (MeV)

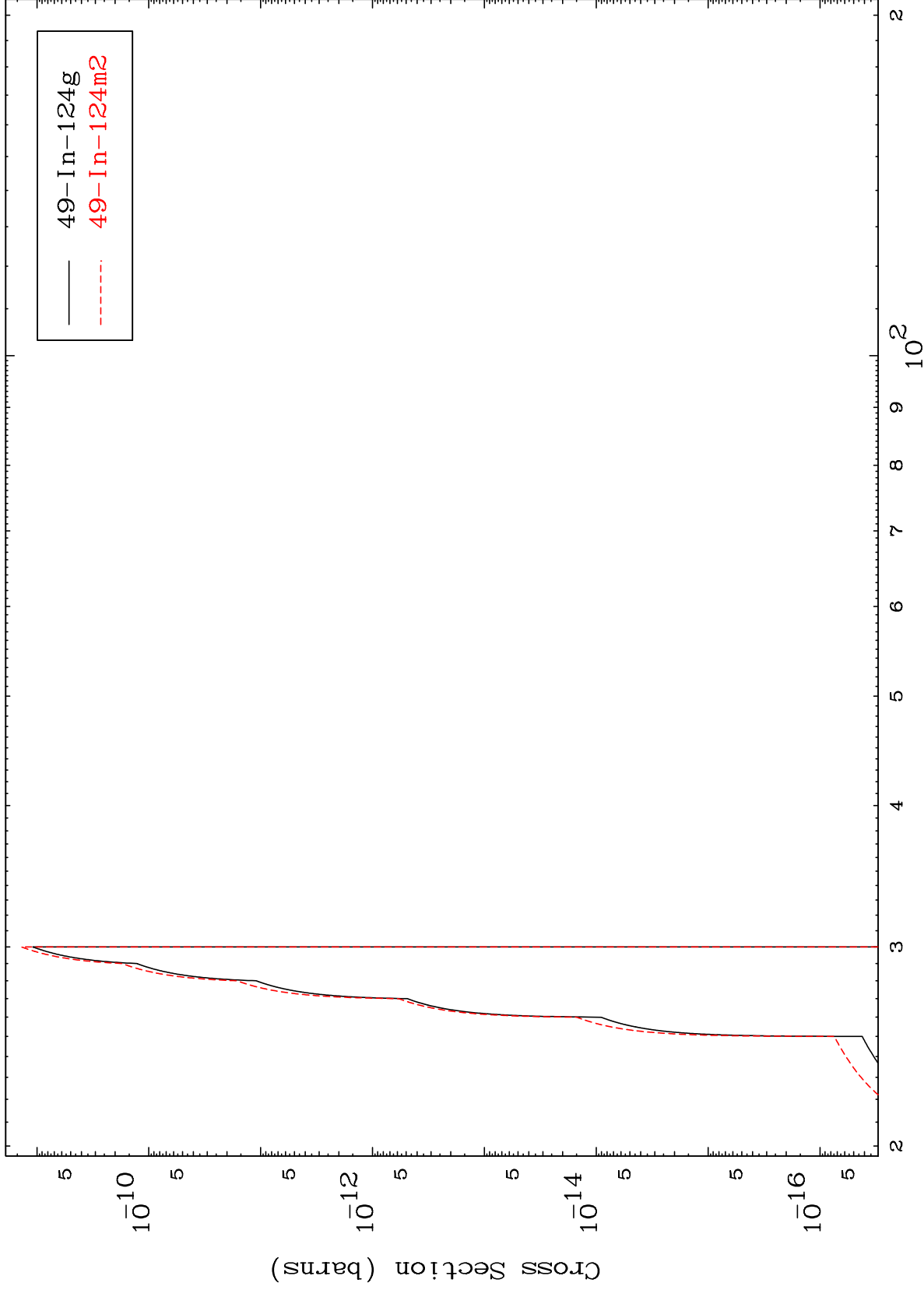
51-Sb-126

MAT 5141

(n,2n) p

51-Sb-126

Radionuclide Production Cross Section



29

Incident Energy (MeV)

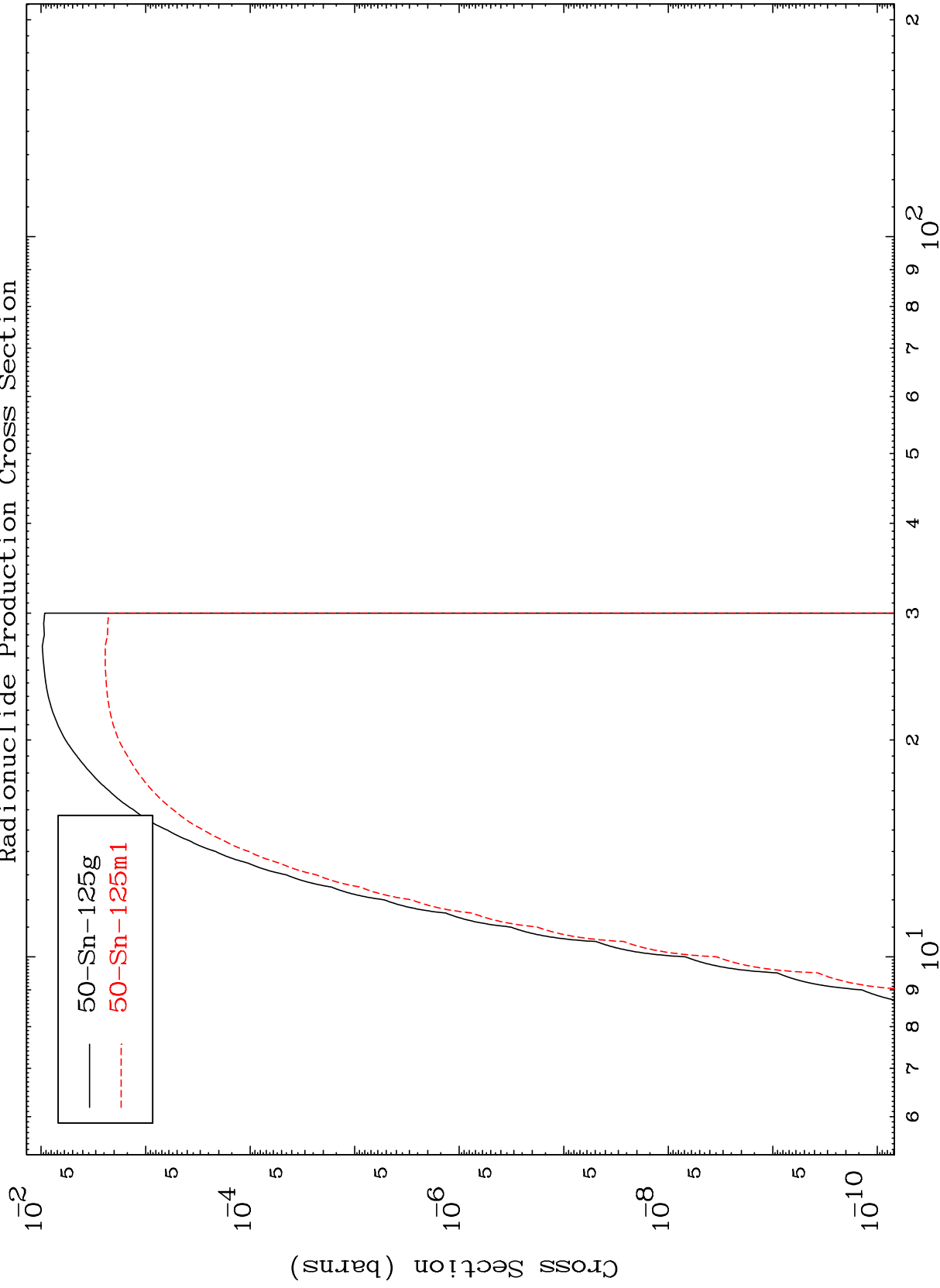
51-Sb-126

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(n,d)

51-Sb-126

Radionuclide Production Cross Section



30

Incident Energy (MeV)

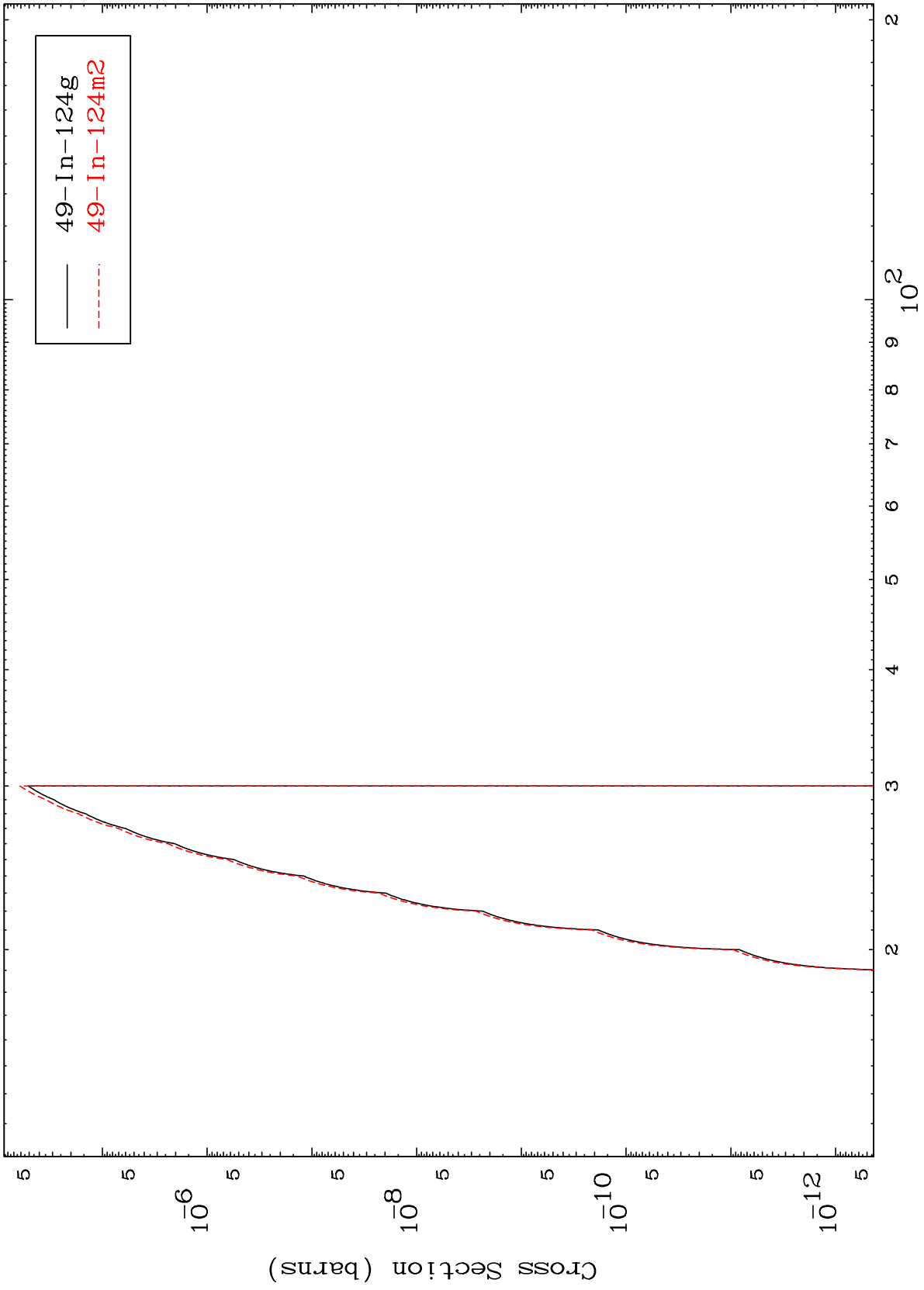
51-Sb-126

MAT 5141

(n, He-3)

51-Sb-126

Radionuclide Production Cross Section



31

Incident Energy (MeV)

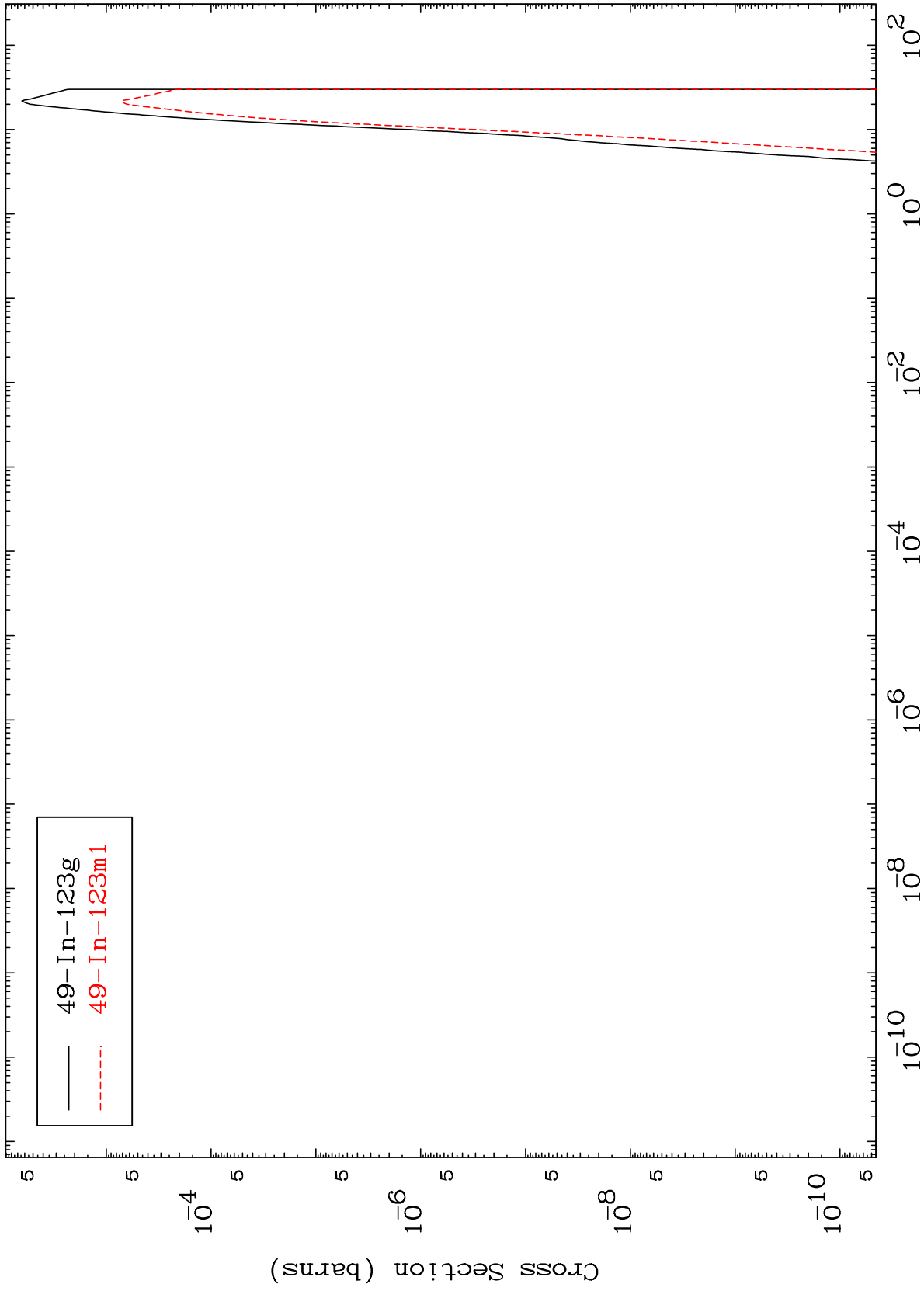
51-Sb-126

MAT 5141

(n, α)

51-Sb-126

Radionuclide Production Cross Section



32

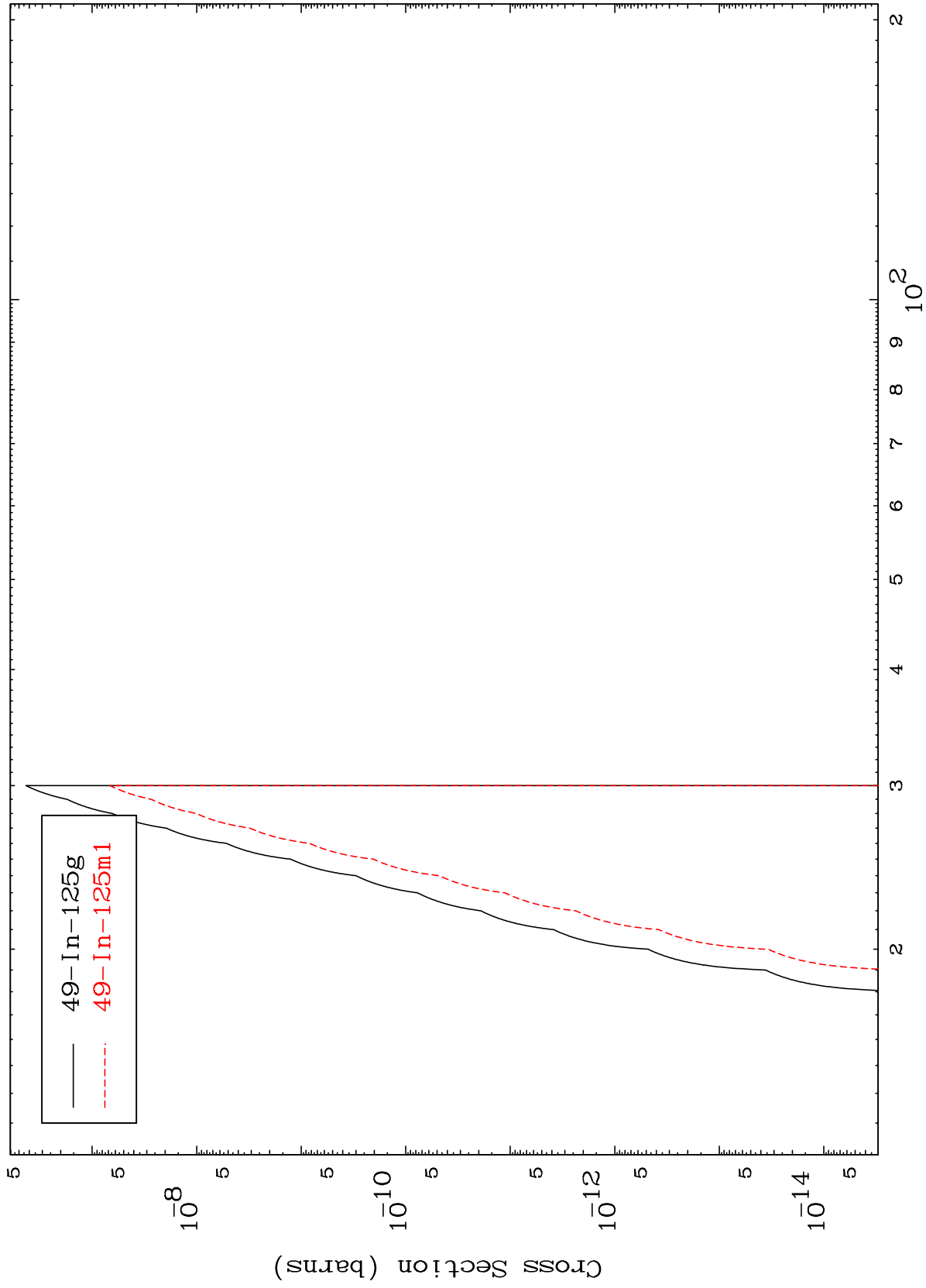
Incident Energy (MeV)

51-Sb-126

MAT 5141

51-Sb-126

(n,2p)
Radionuclide Production Cross Section



33

51-Sb-126

Incident Energy (MeV)