

Program EVALPLOT
(Version 2018-1)

by

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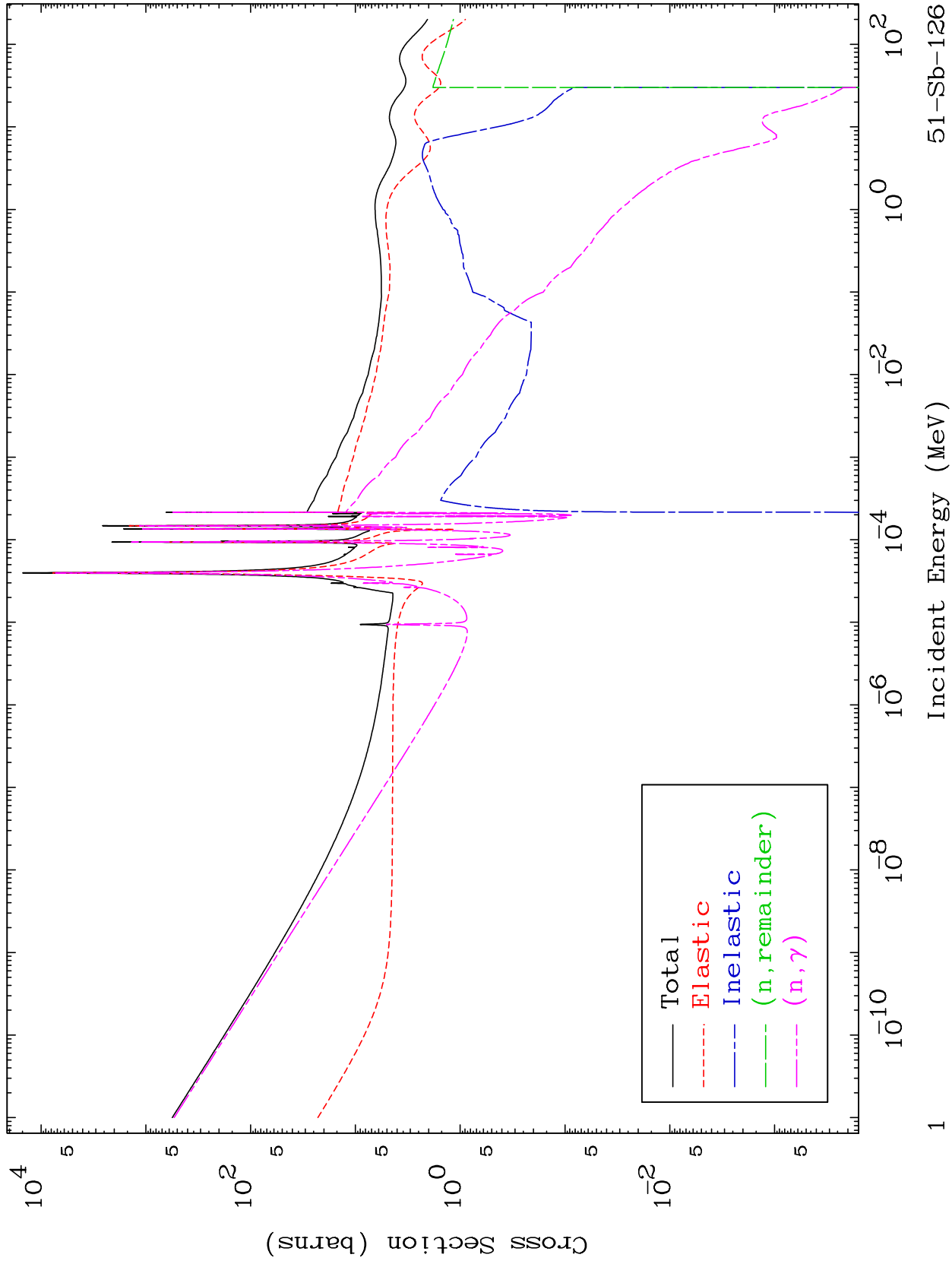
Press Mouse Button to Start

MAT 5142

Major

293 Kelvin Cross Sections

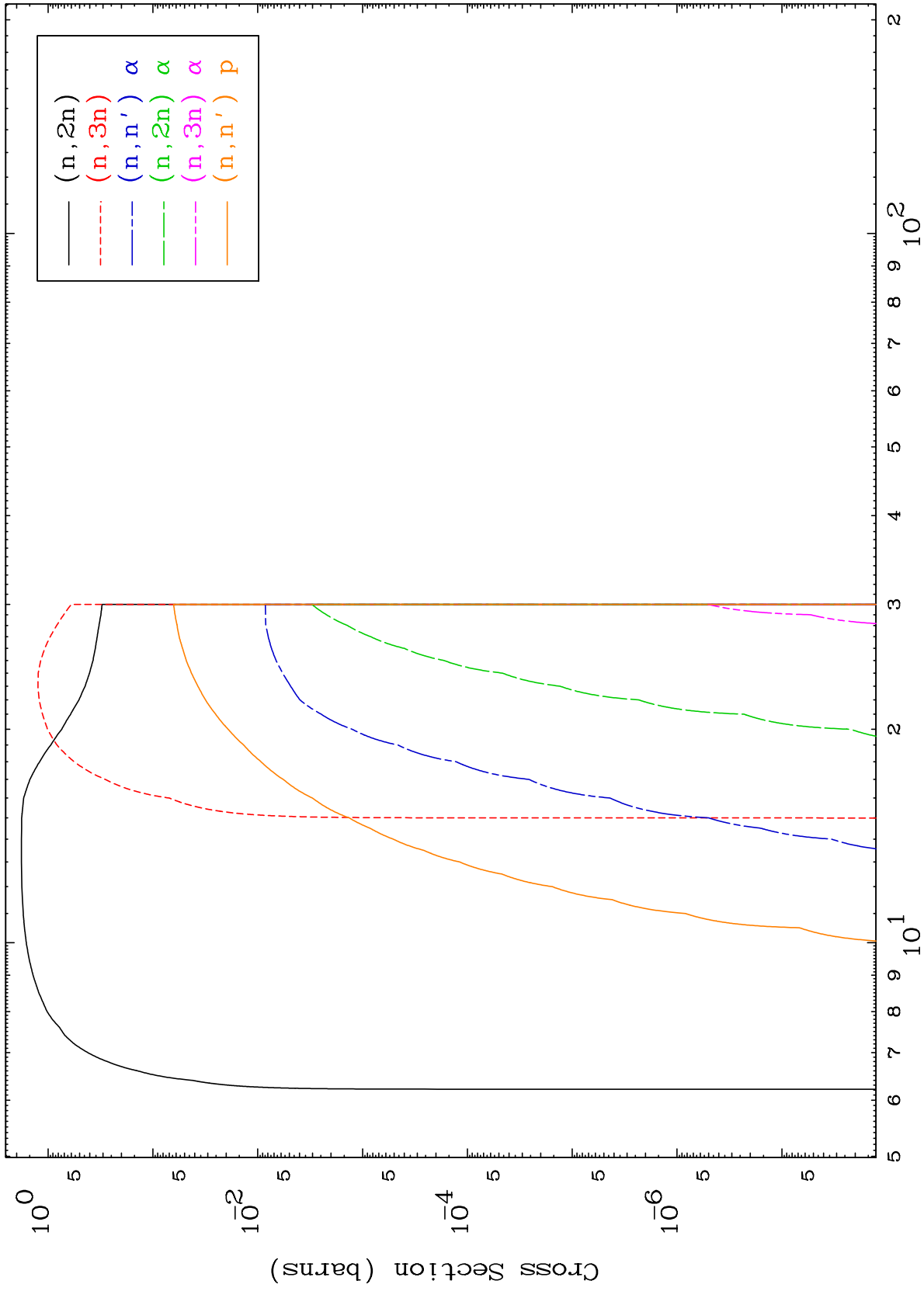
51-Sb-126



MAT 5142

Neutron Production 293 Kelvin Cross Sections

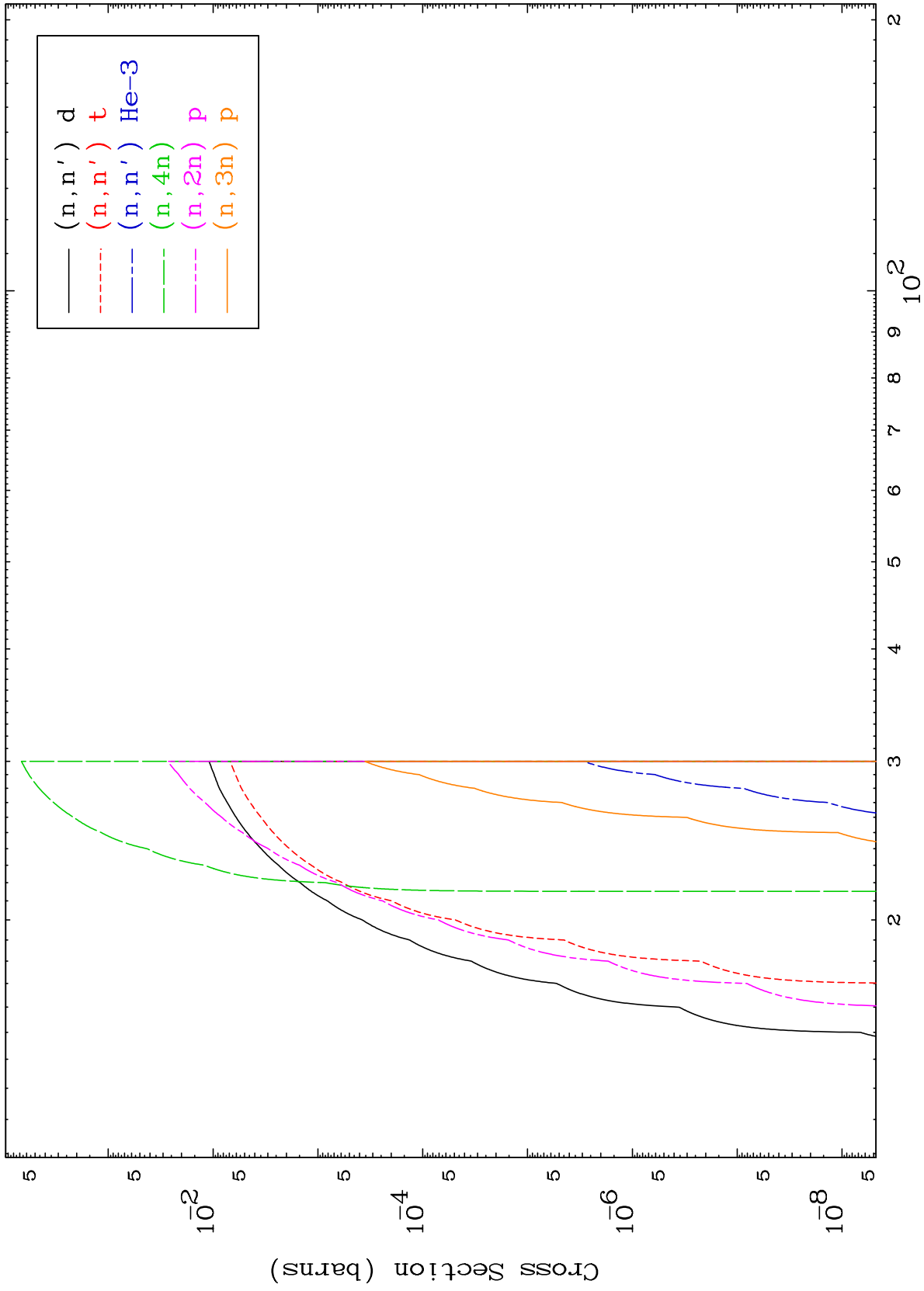
51-Sb-126

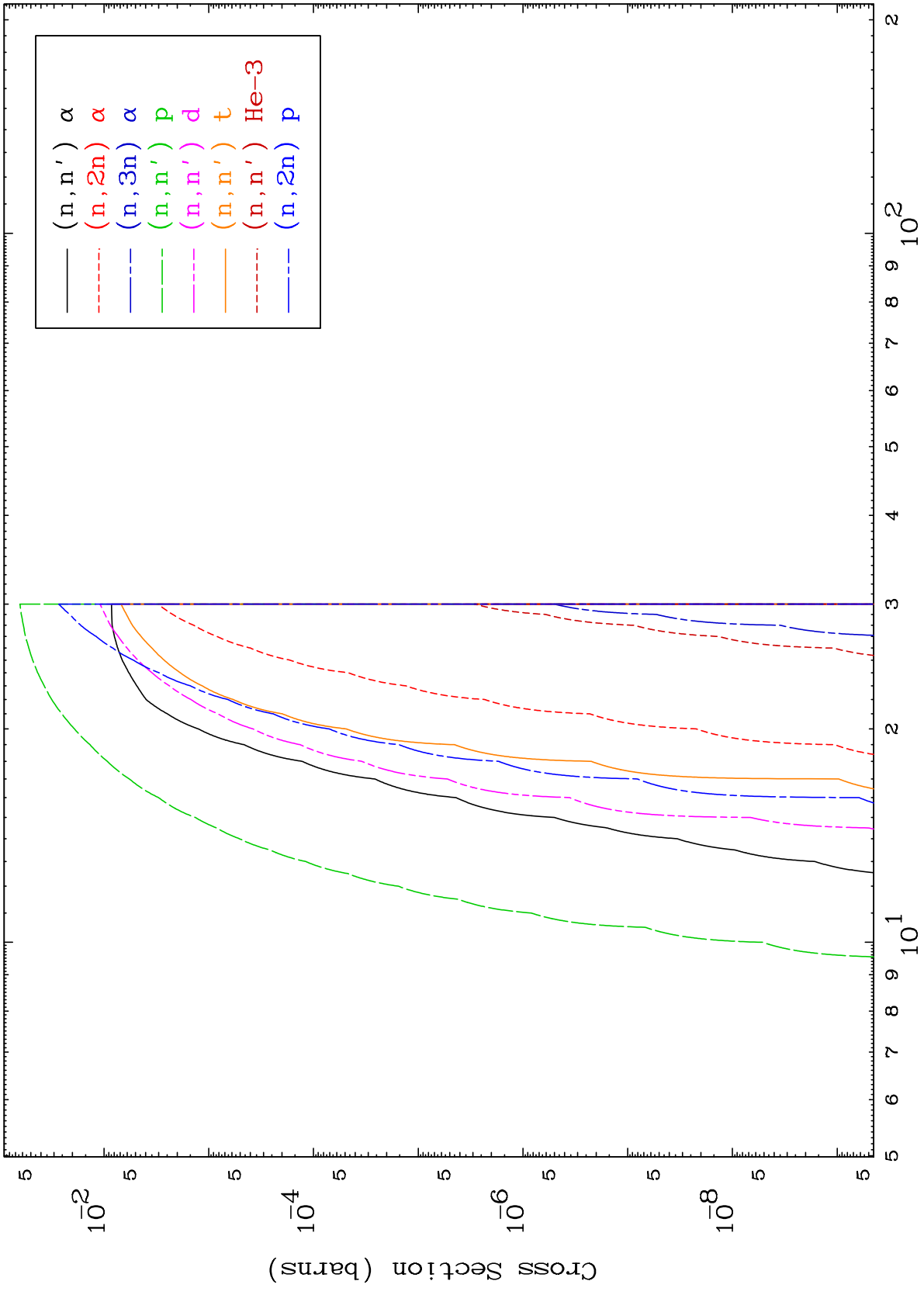


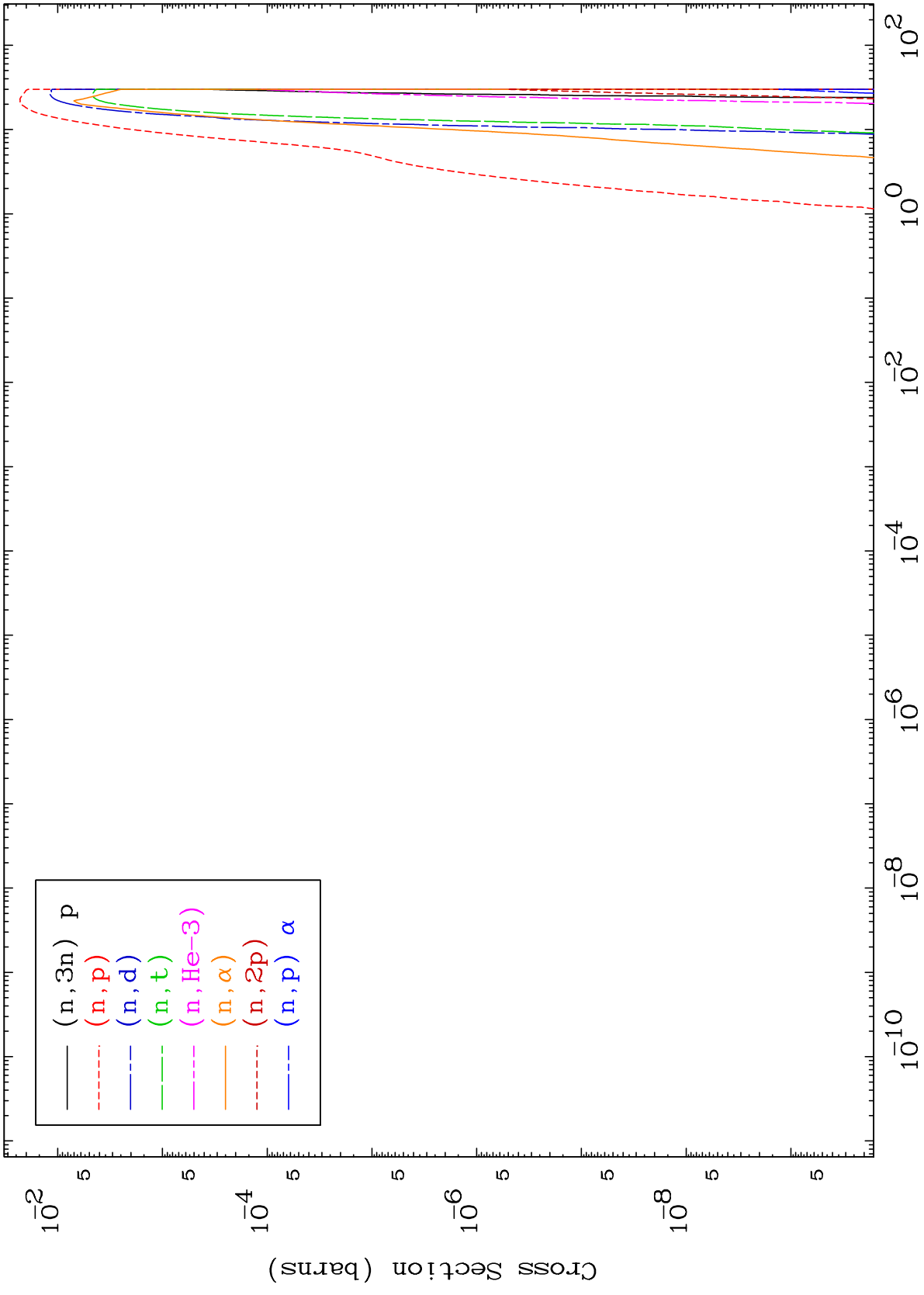
2

Incident Energy (MeV)

51-Sb-126



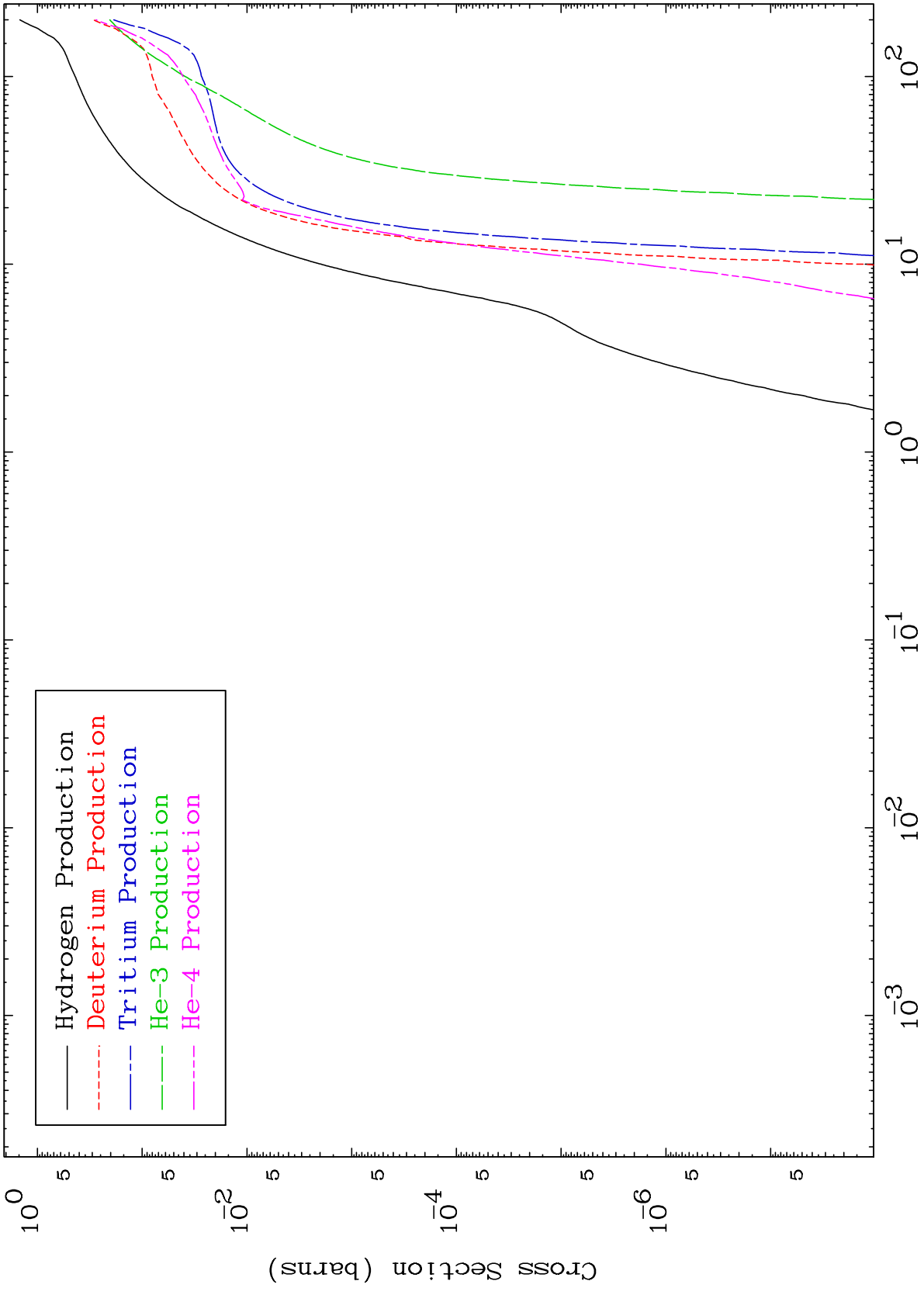




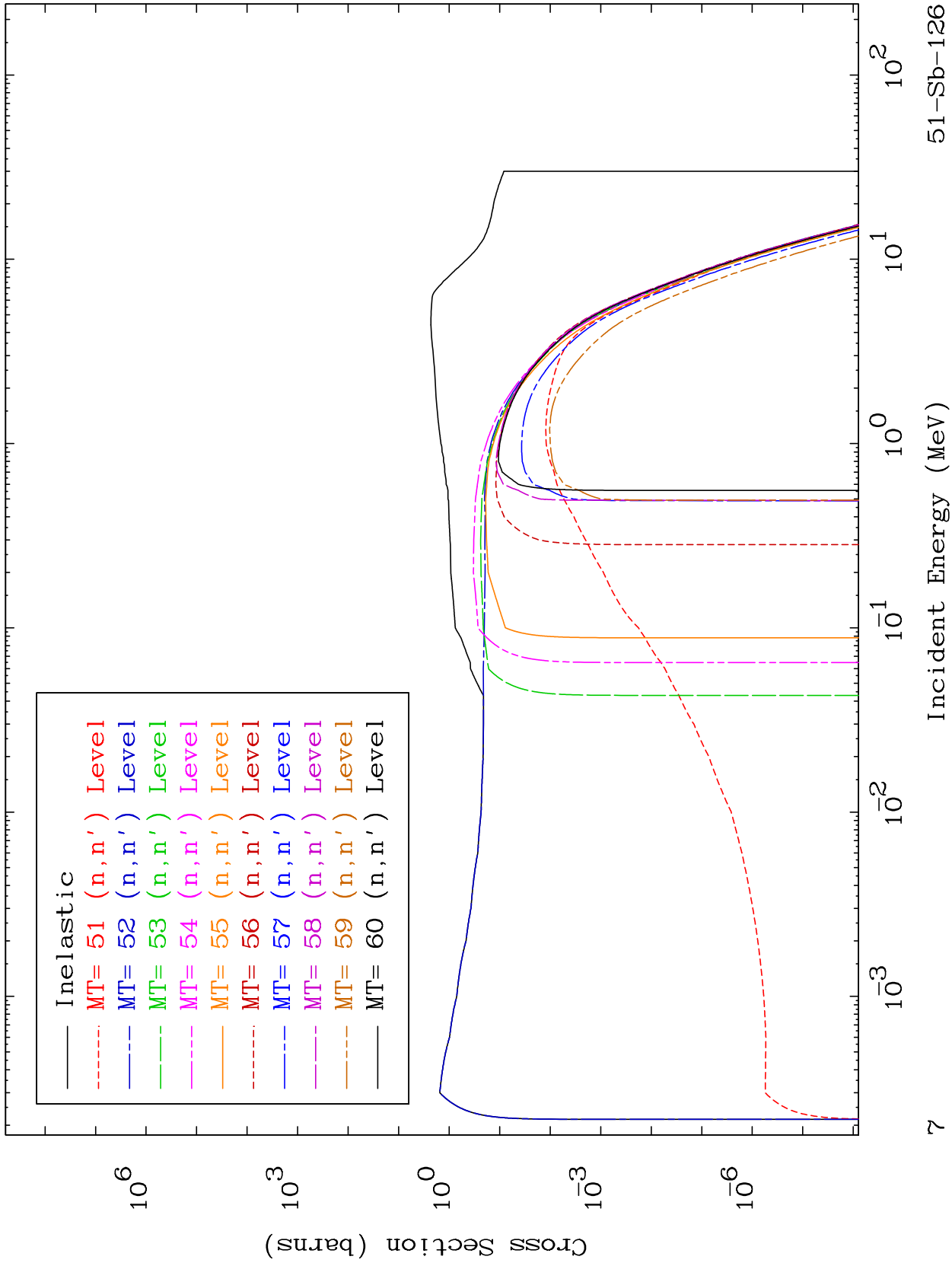
MAT 5142

Particle Production
293 Kelvin Cross Sections

51-Sb-126



51-Sb-126

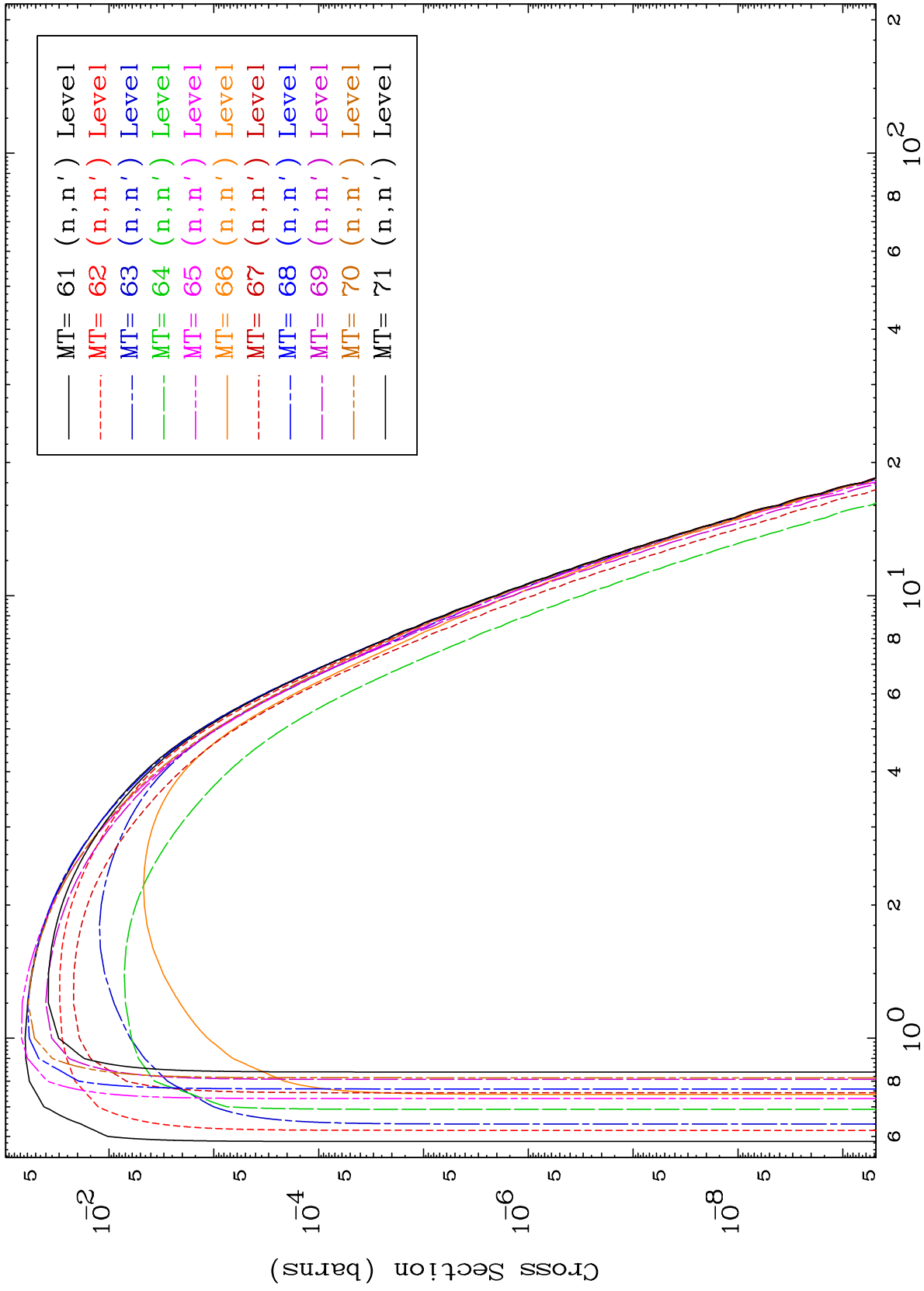


MAT 5142

(n,n') Level

51-Sb-126

293 Kelvin Cross Sections



8

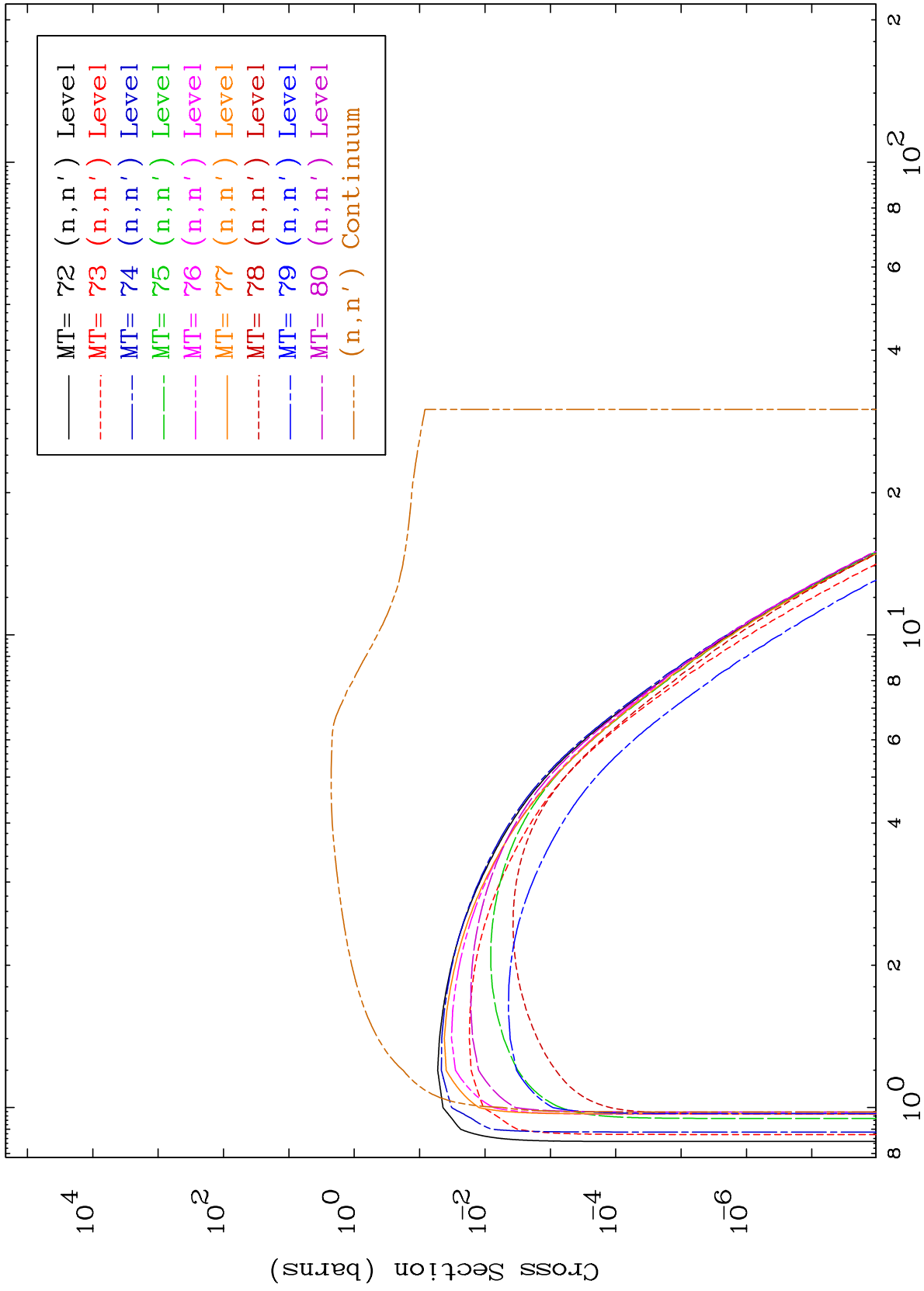
Incident Energy (MeV)

51-Sb-126

MAT 5142

(n,n') Level
293 Kelvin Cross Sections

51-Sb-126



9

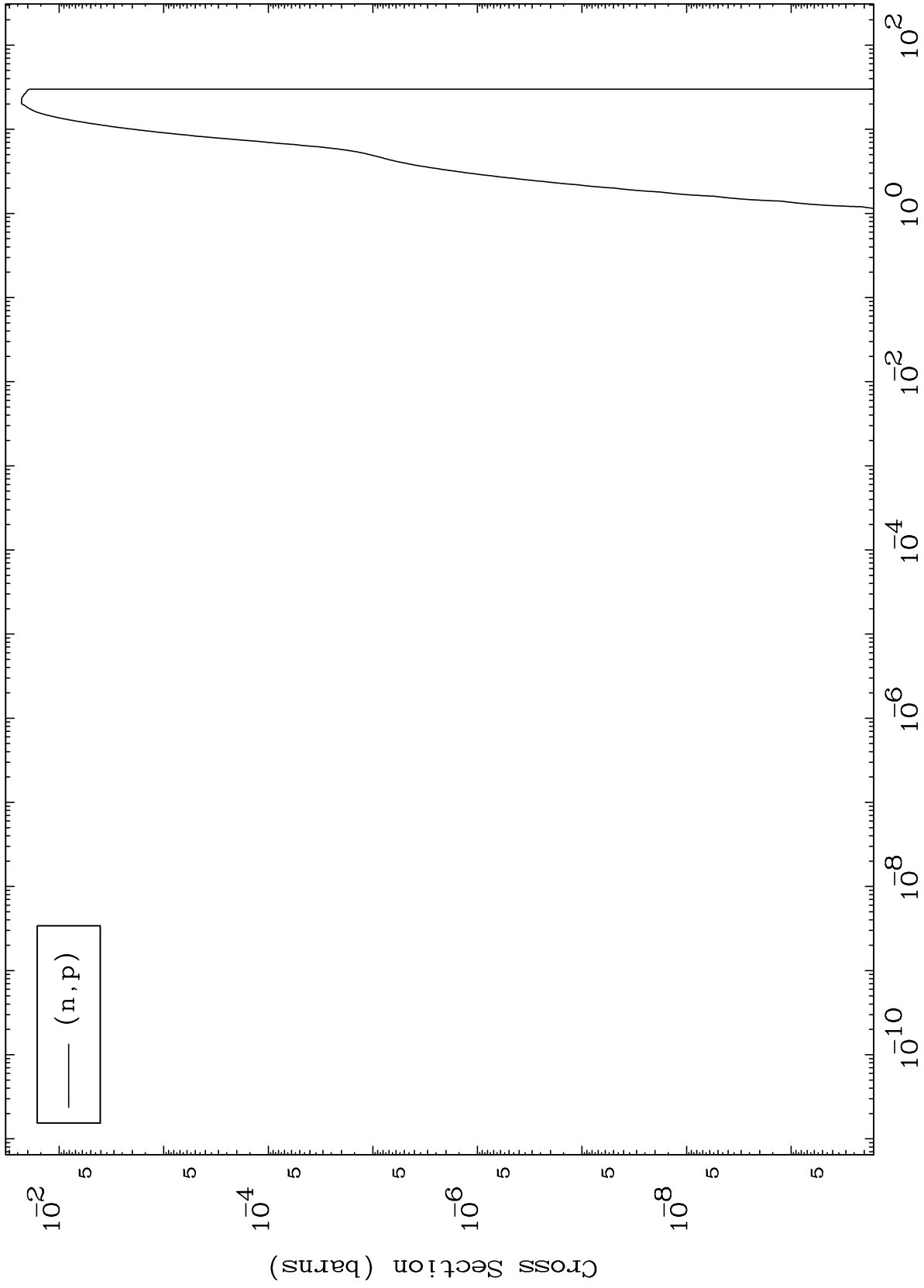
Incident Energy (MeV)

51-Sb-126

MAT 5142

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-126



10

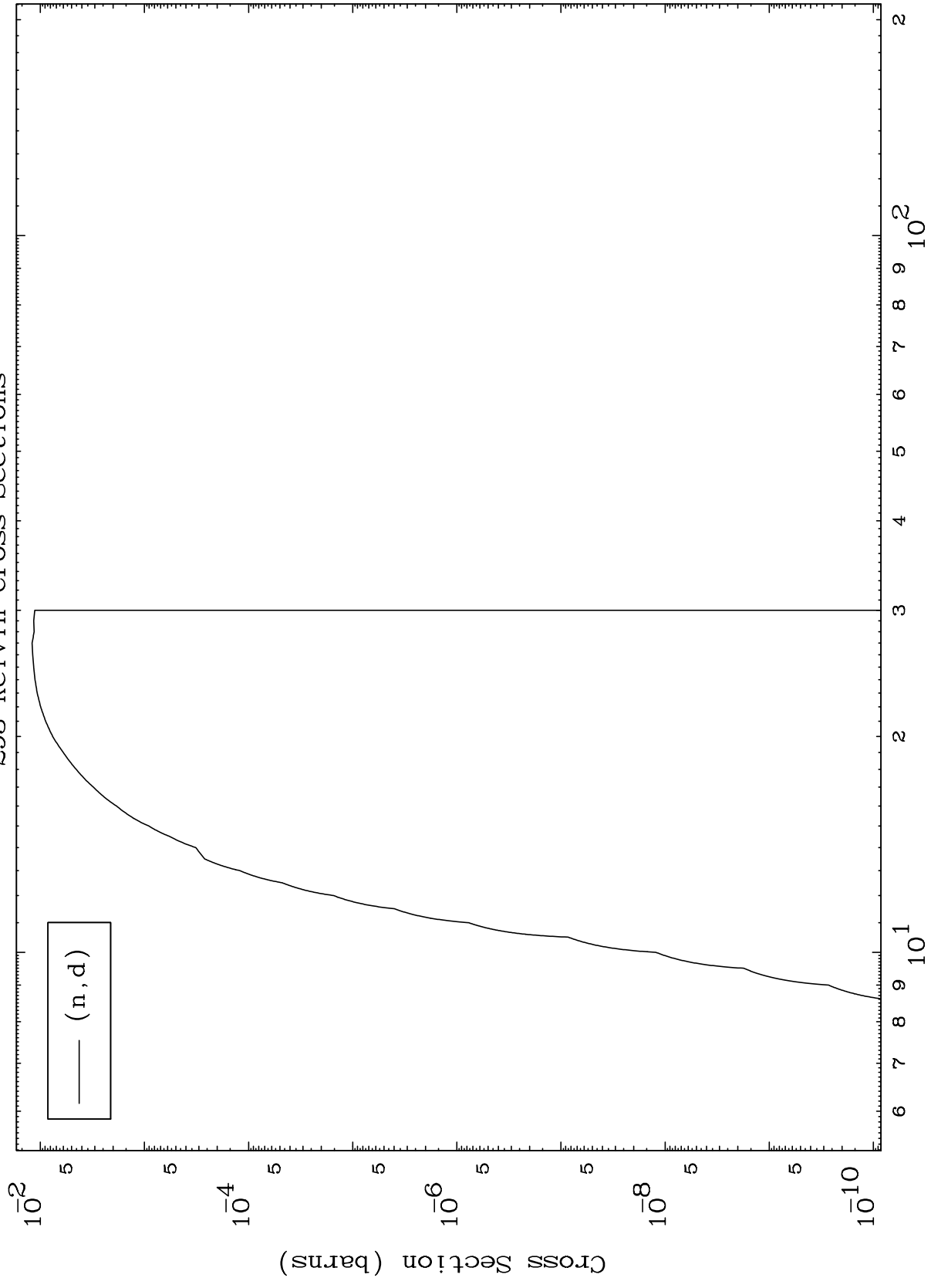
Incident Energy (MeV)

51-Sb-126

MAT 5142

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-126



11

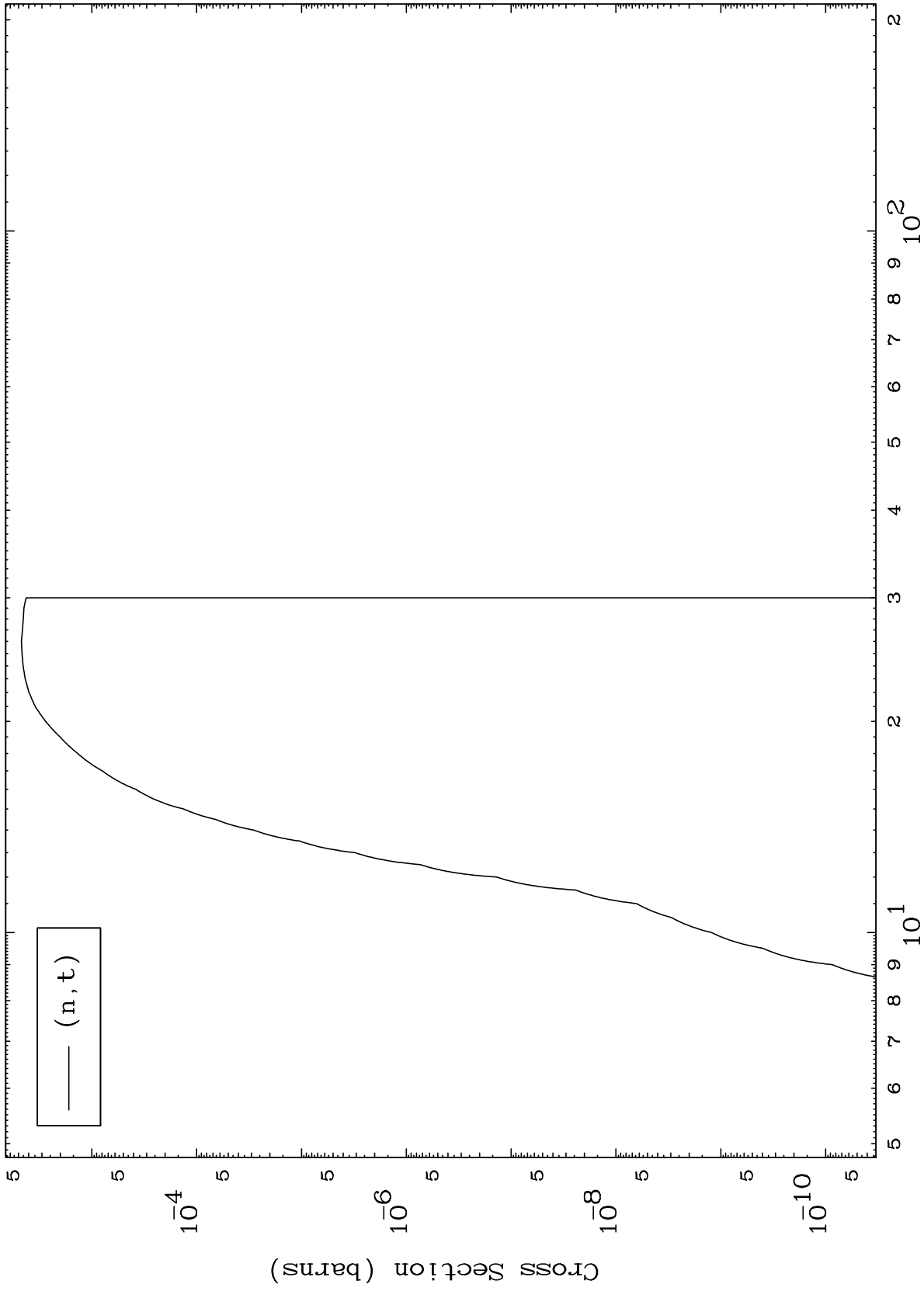
Incident Energy (MeV)

51-Sb-126

MAT 5142

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-126



12

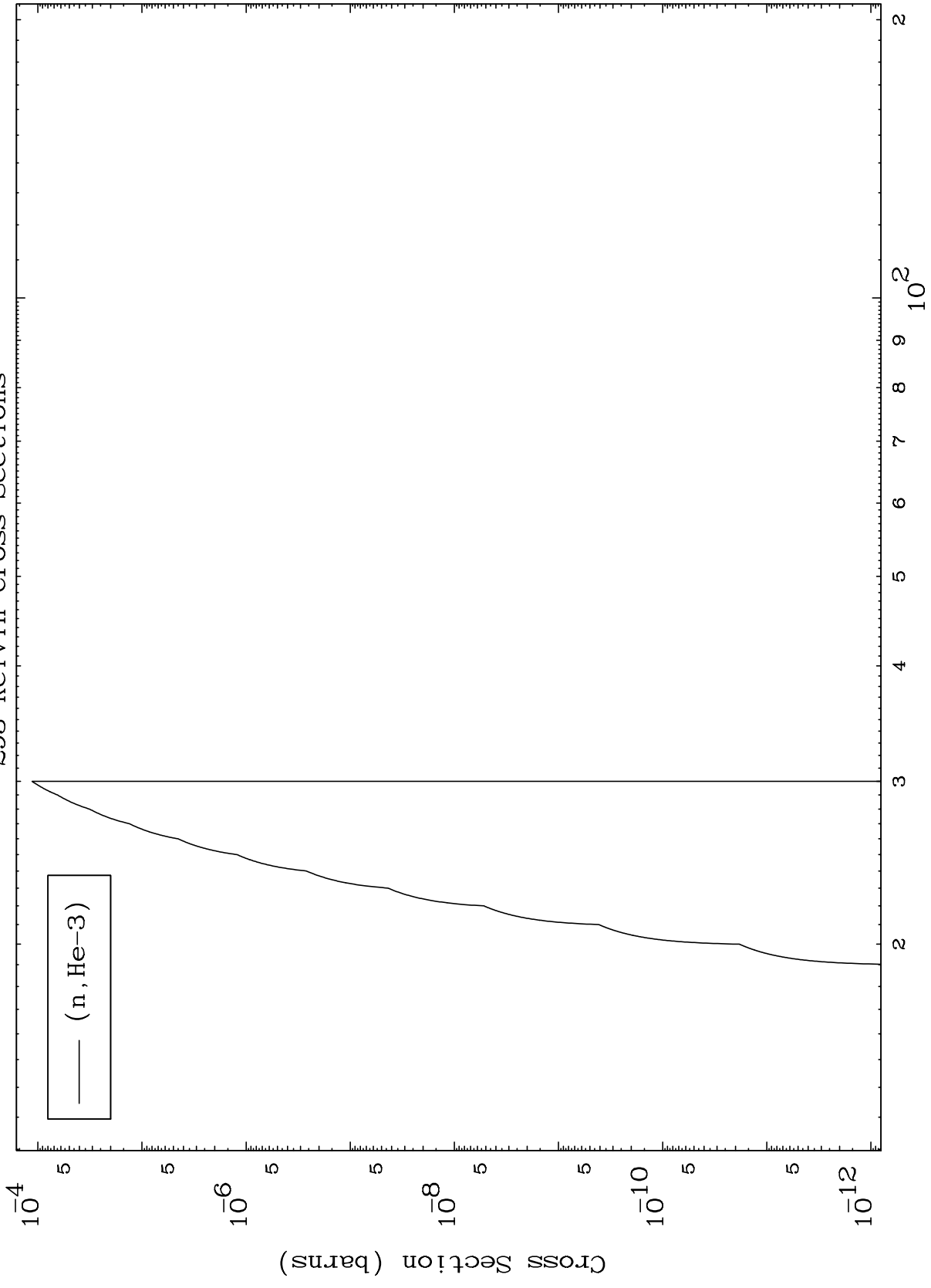
Incident Energy (MeV)

51-Sb-126

MAT 5142

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-126



13

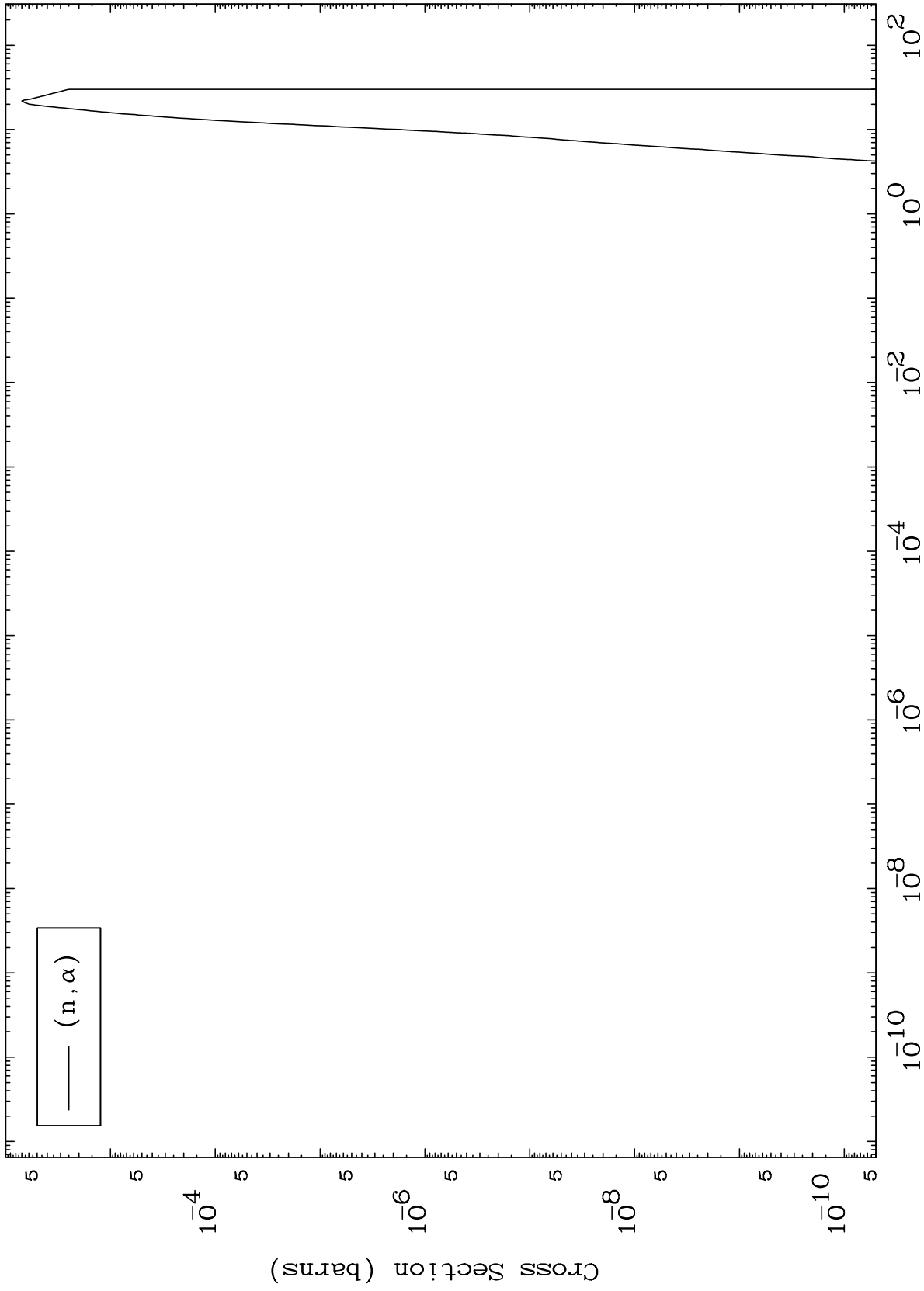
Incident Energy (MeV)

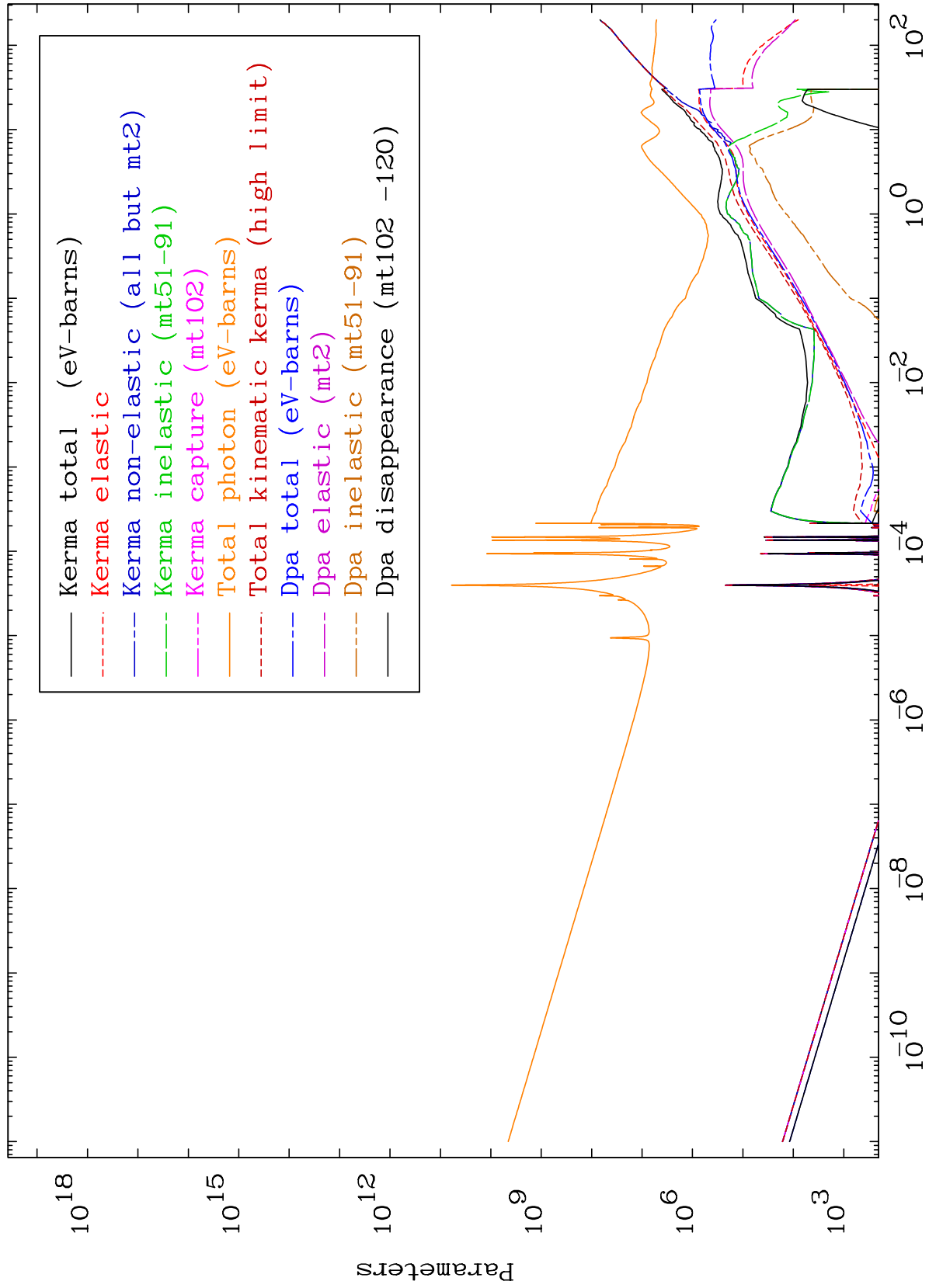
51-Sb-126

MAT 5142

(n,α) Levels
293 Kelvin Cross Sections

51-Sb-126

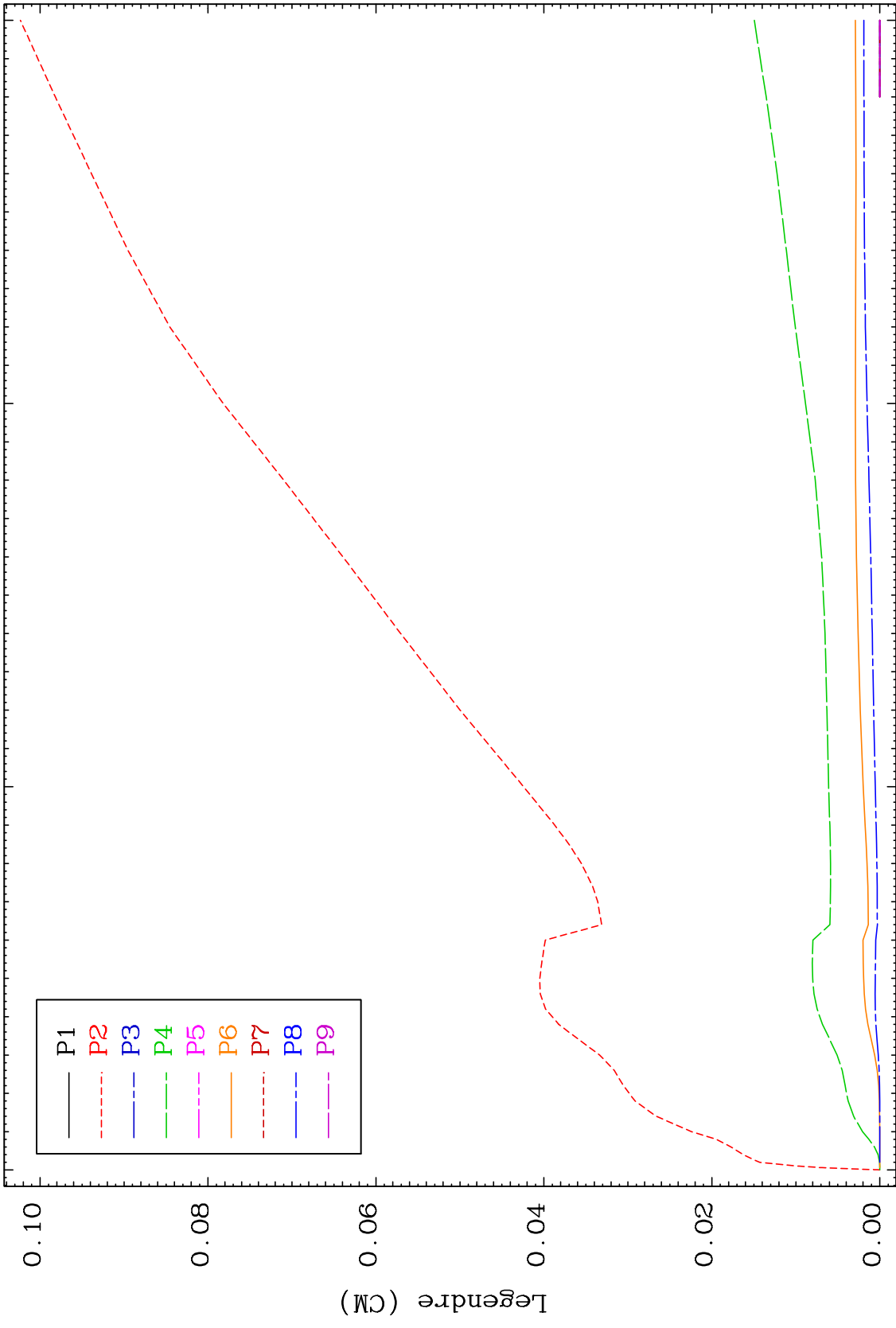




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Elastic Legendre Coefficients

51-Sb-126



16

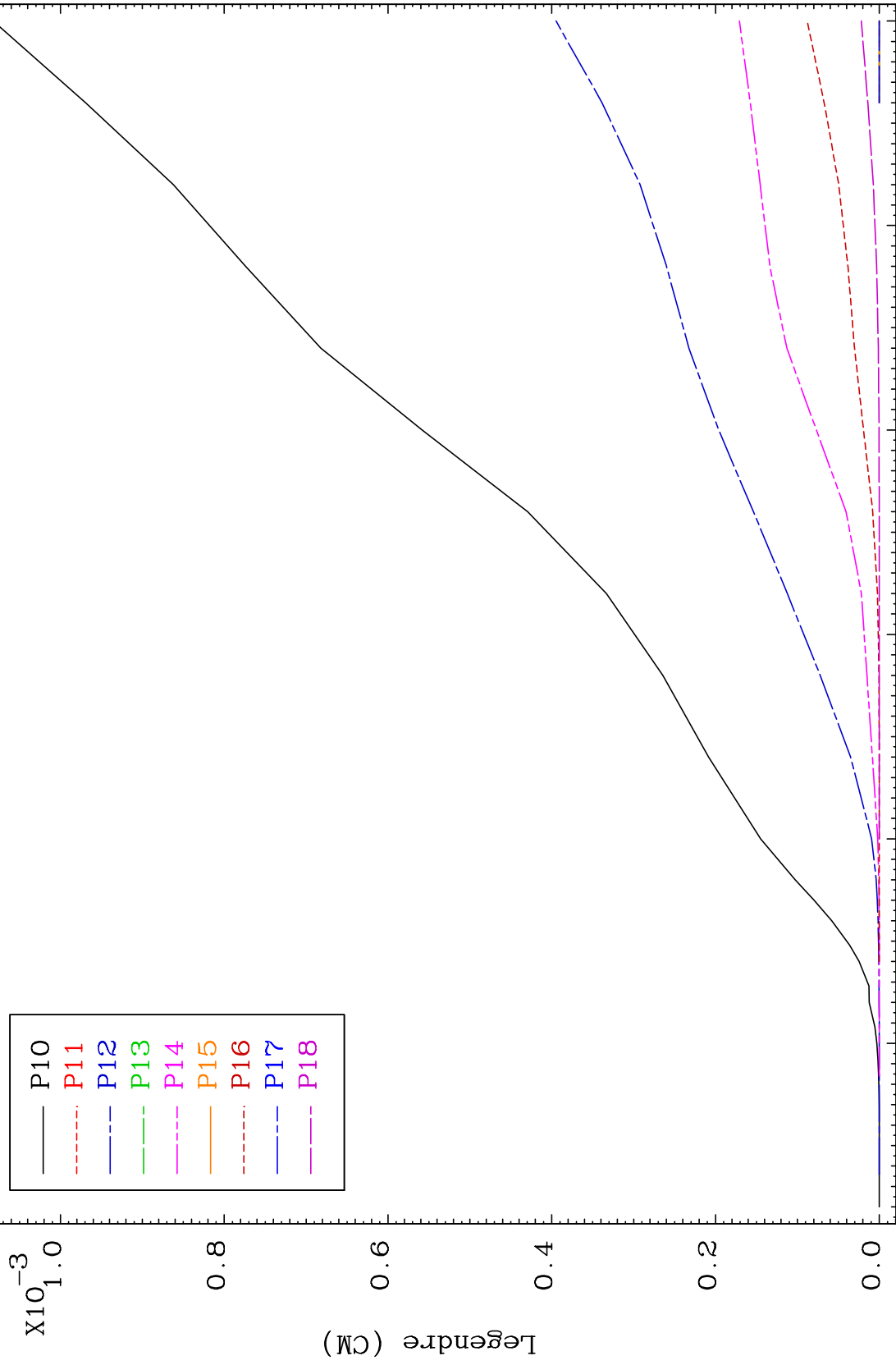
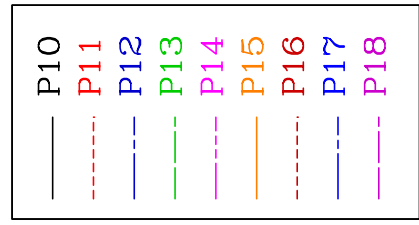
Incident Energy (MeV)

51-Sb-126

MAT 5142

Elastic Legendre Coefficients

51-Sb-126



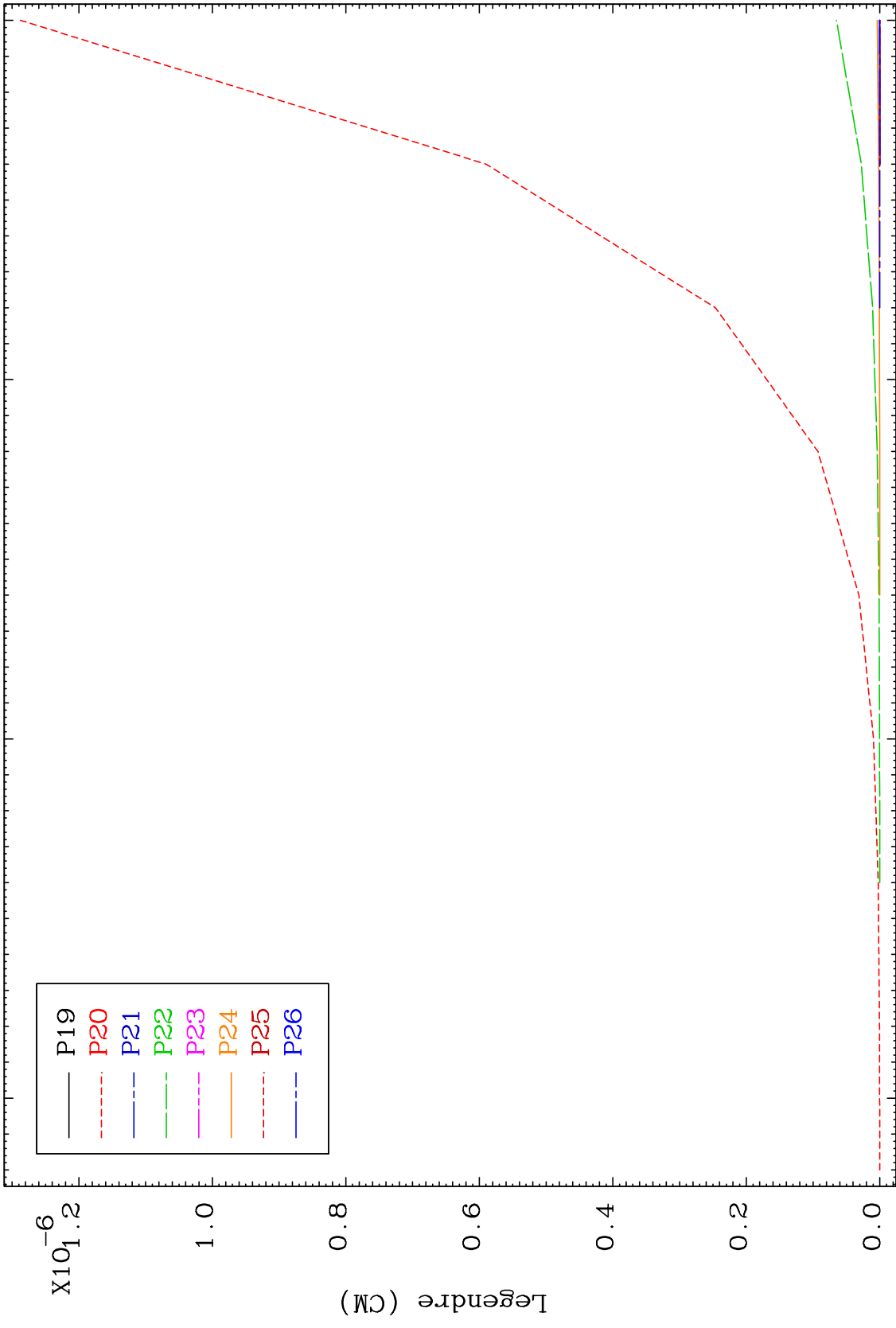
17

51-Sb-126

MAT 5142

Elastic Legendre Coefficients

51-Sb-126

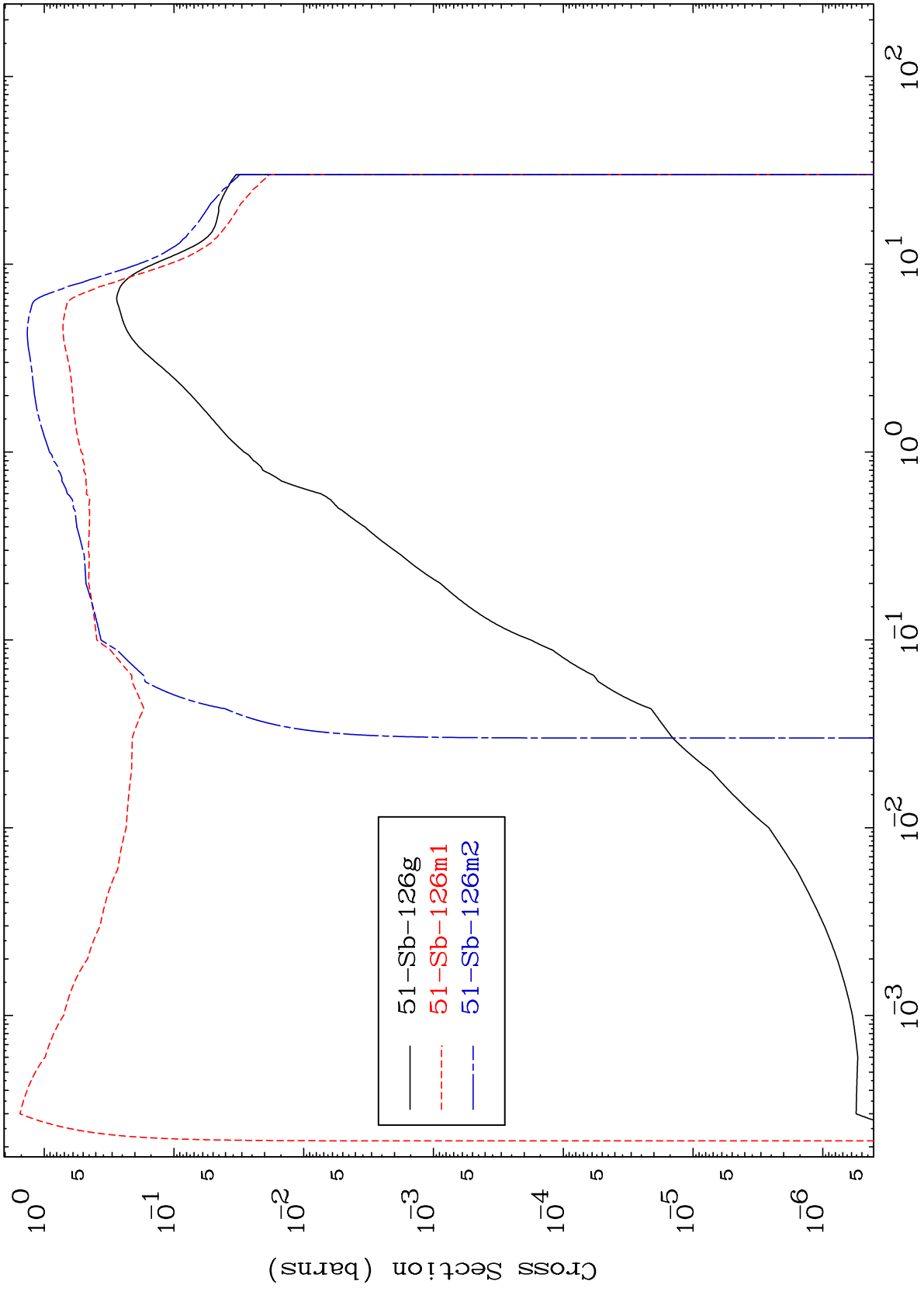


18

Incident Energy (MeV)

51-Sb-126

Inelastic
Radionuclide Production Cross Section

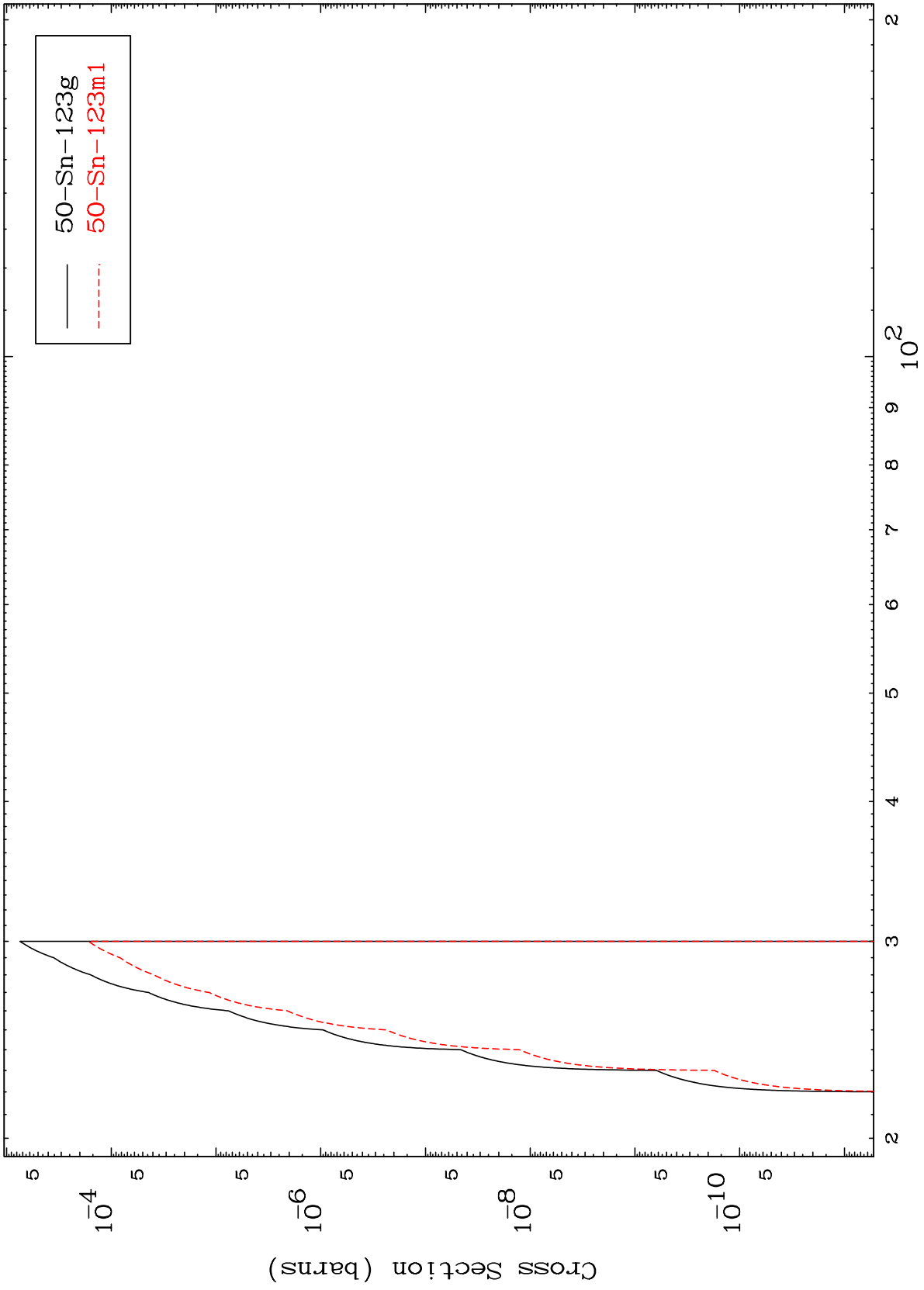


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(n,2n) d

51-Sb-126

Radionuclide Production Cross Section



20

Incident Energy (MeV)

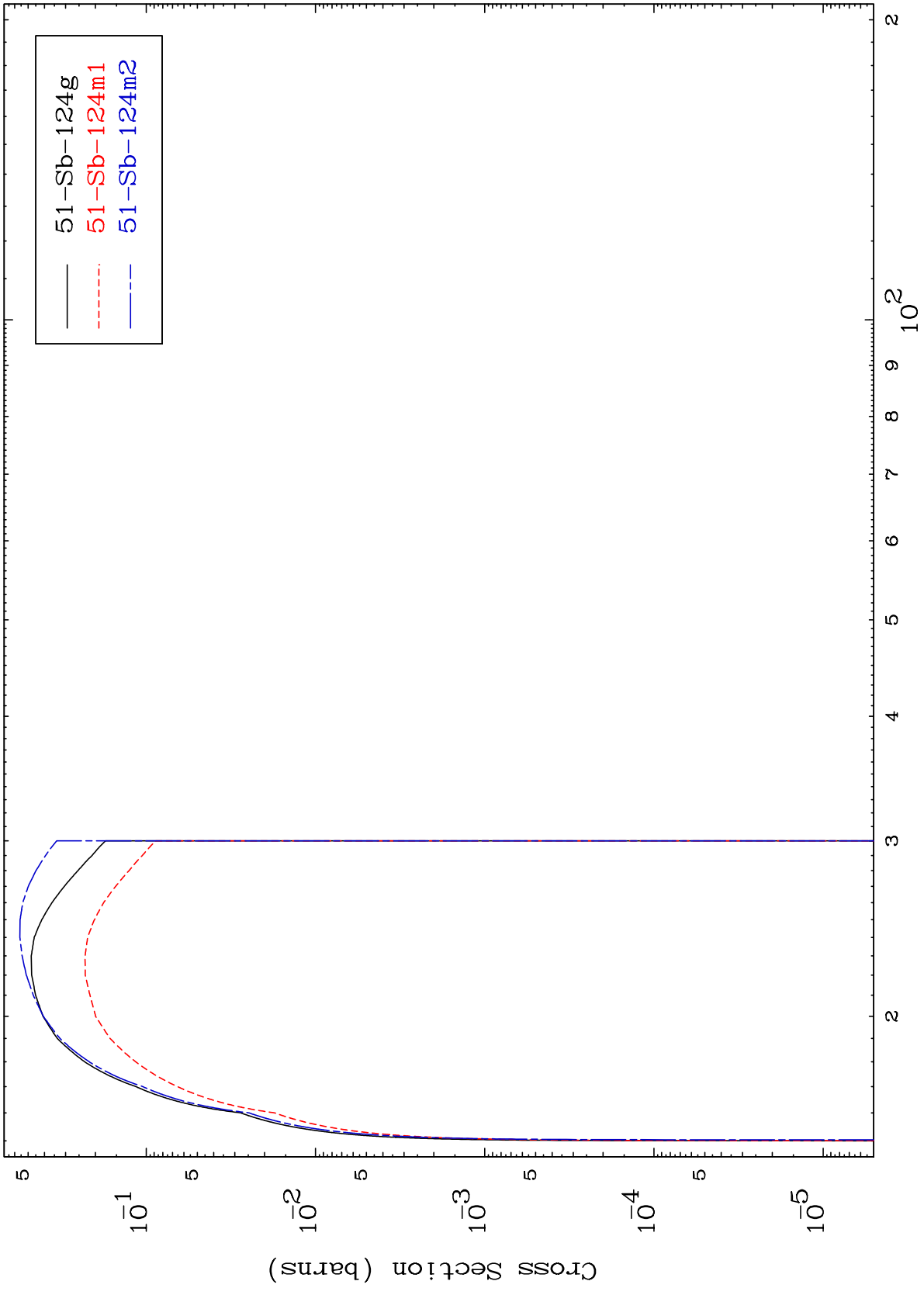
51-Sb-126

MAT 5142

(n,3n)

51-Sb-126

Radionuclide Production Cross Section



21

Incident Energy (MeV)

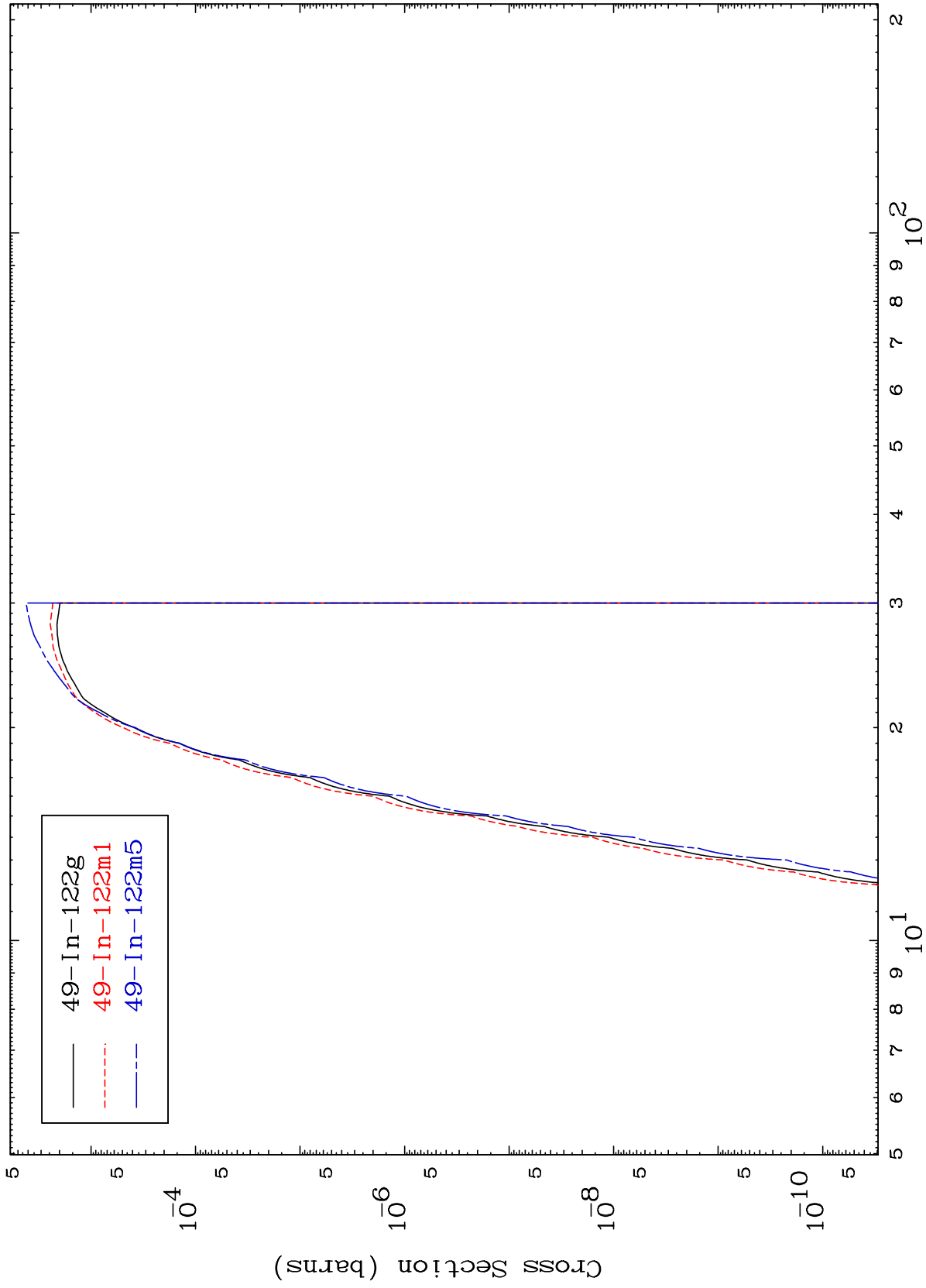
51-Sb-126

MAT 5142

(n,n') α

51-Sb-126

Radionuclide Production Cross Section



22

Incident Energy (MeV)

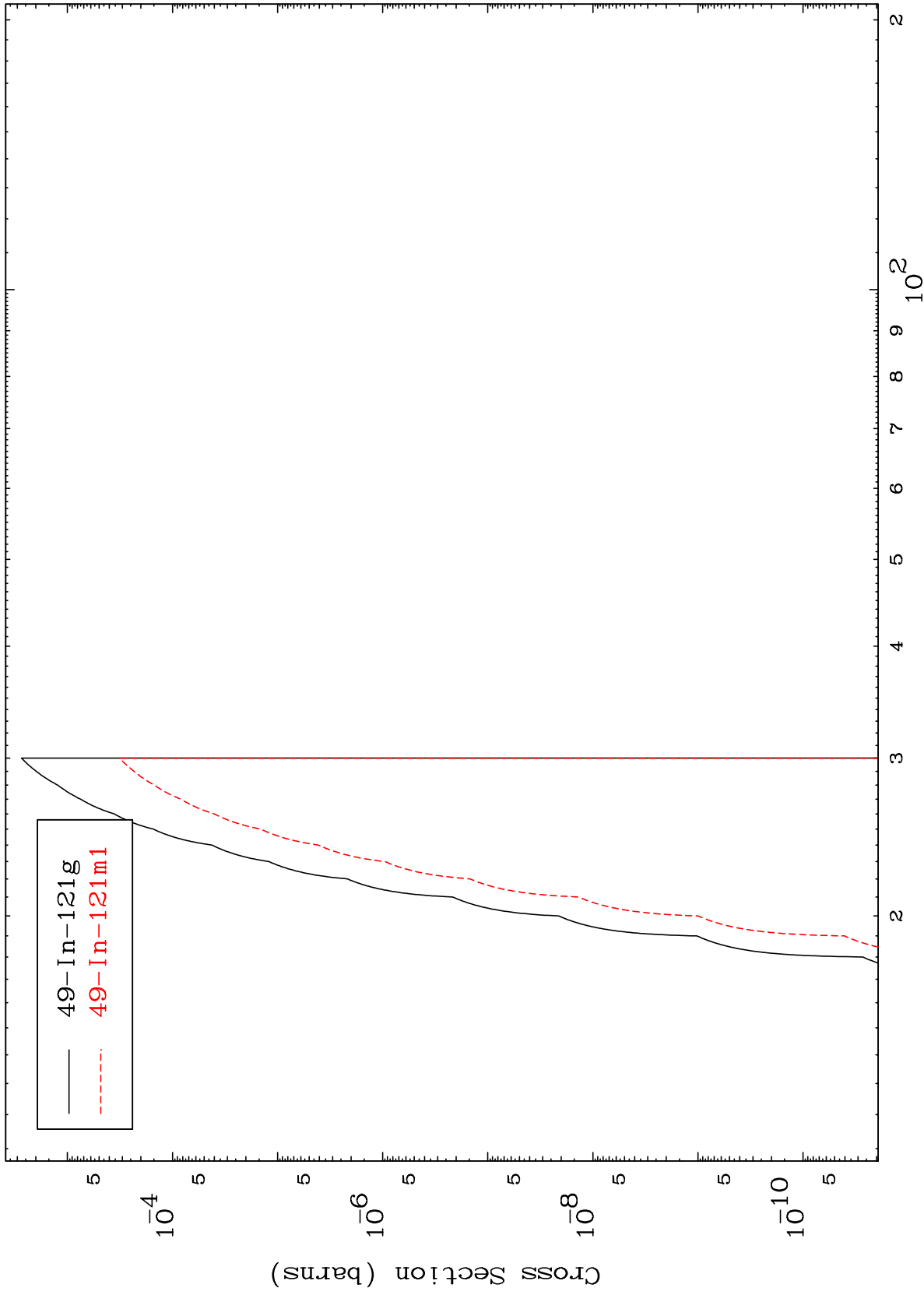
51-Sb-126

MAT 5142

(n,2n) α

51-Sb-126

Radionuclide Production Cross Section



23

Incident Energy (MeV)

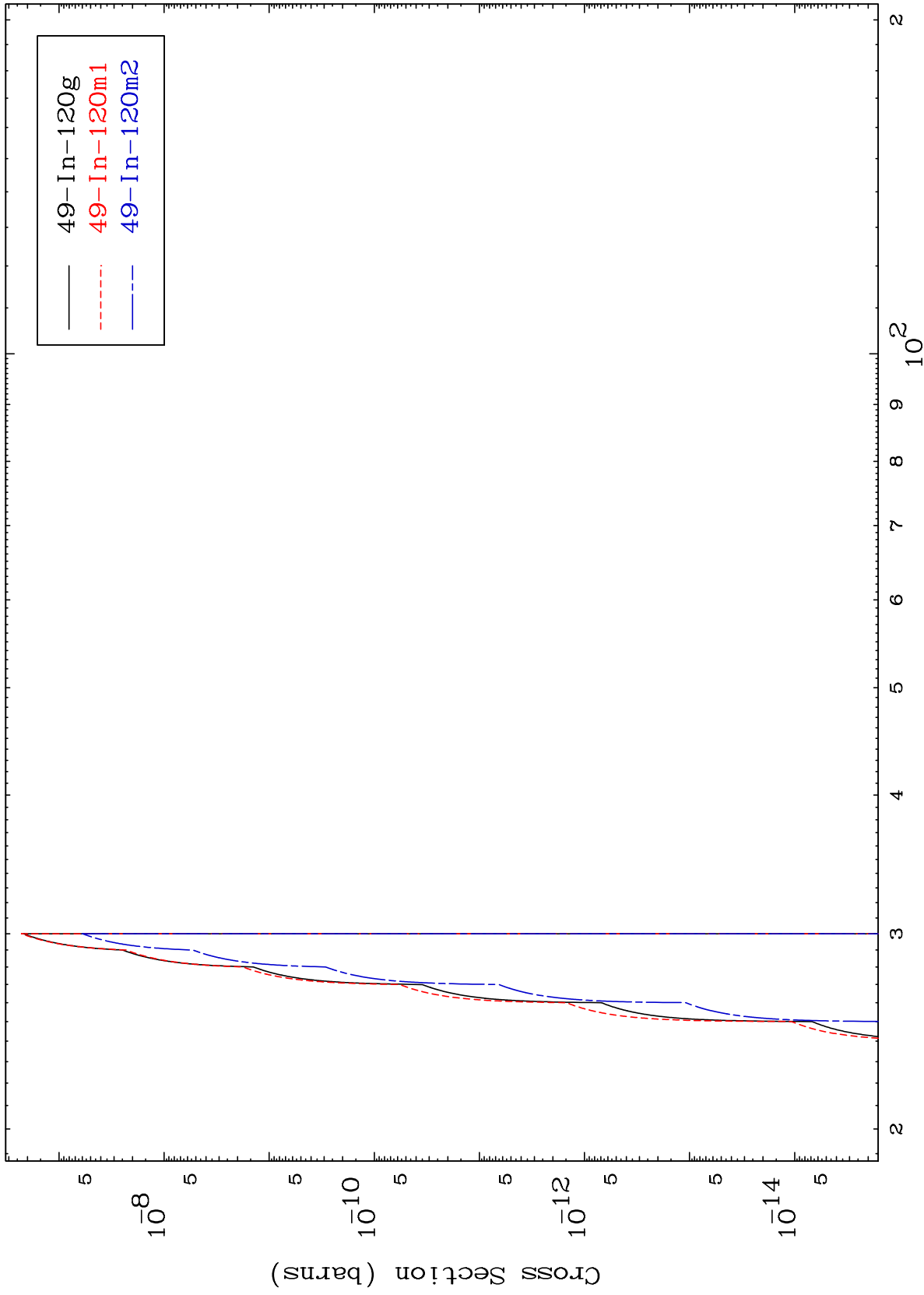
51-Sb-126

MAT 5142

(n,3n) α

51-Sb-126

Radionuclide Production Cross Section



24

Incident Energy (MeV)

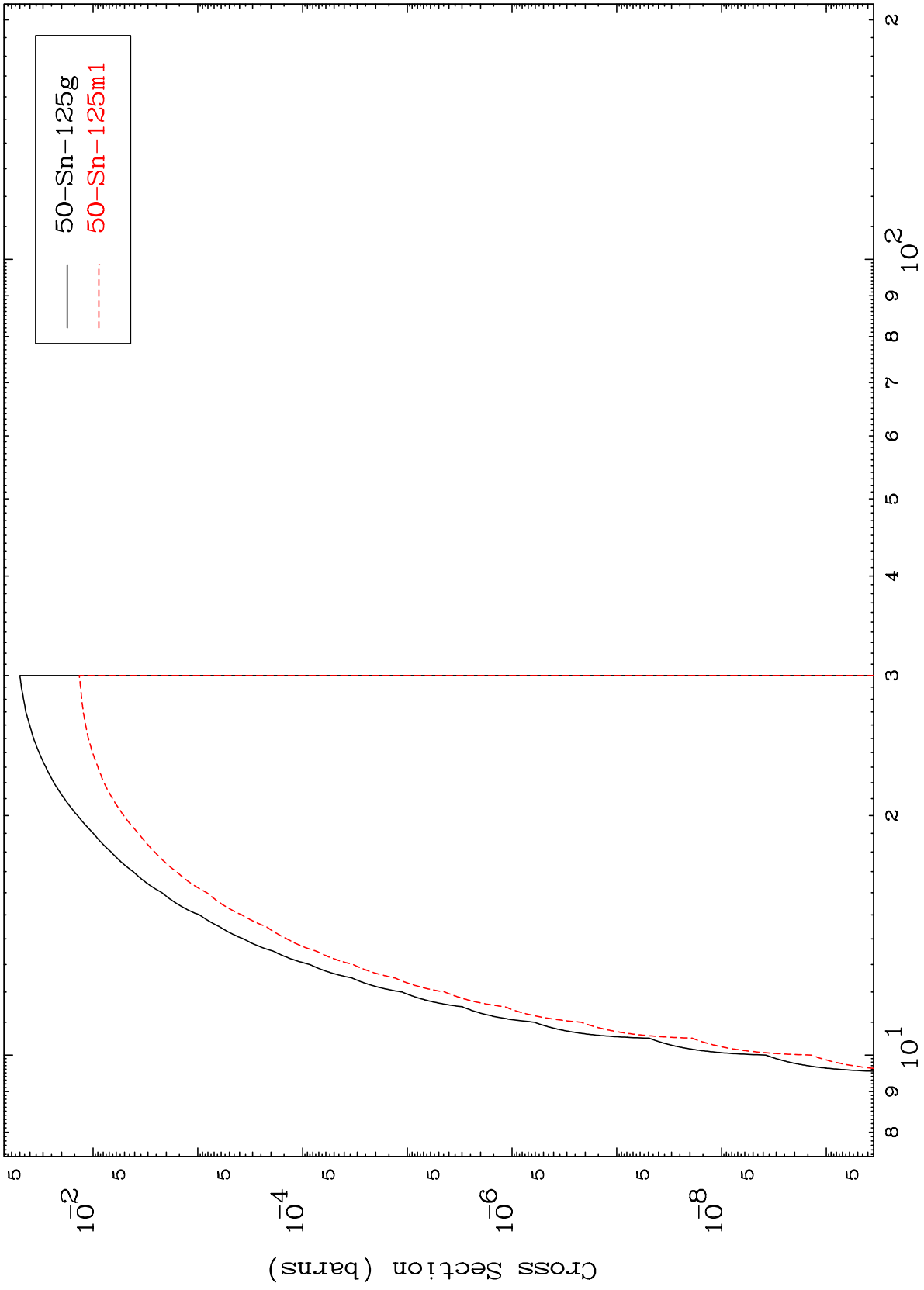
51-Sb-126

MAT 5142

(n,n') p

51-Sb-126

Radionuclide Production Cross Section



25

Incident Energy (MeV)

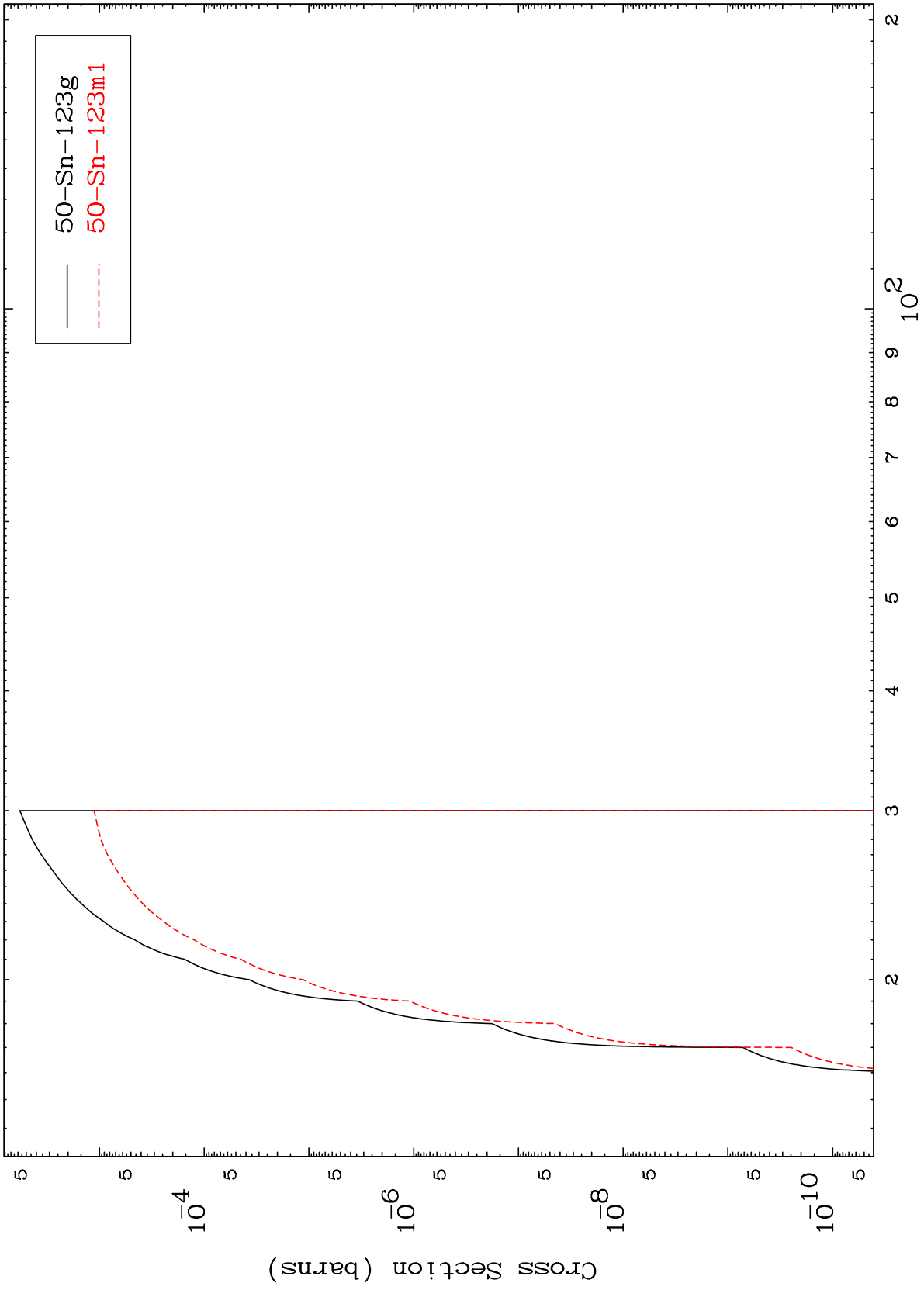
51-Sb-126

MAT 5142

(n,n') t

51-Sb-126

Radionuclide Production Cross Section



26

Incident Energy (MeV)

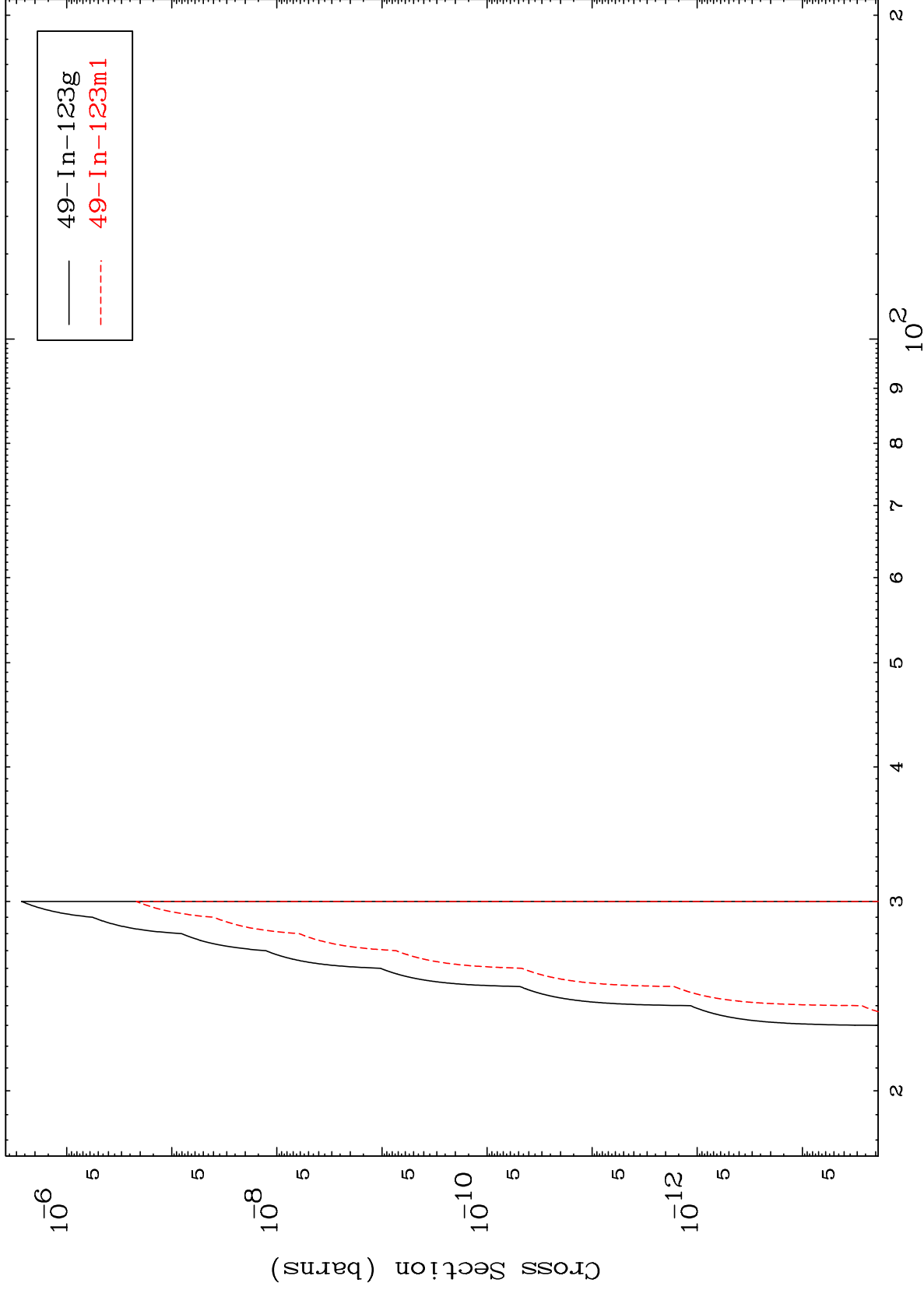
51-Sb-126

MAT 5142

(n, n') He-3

51-Sb-126

Radionuclide Production Cross Section



27

Incident Energy (MeV)

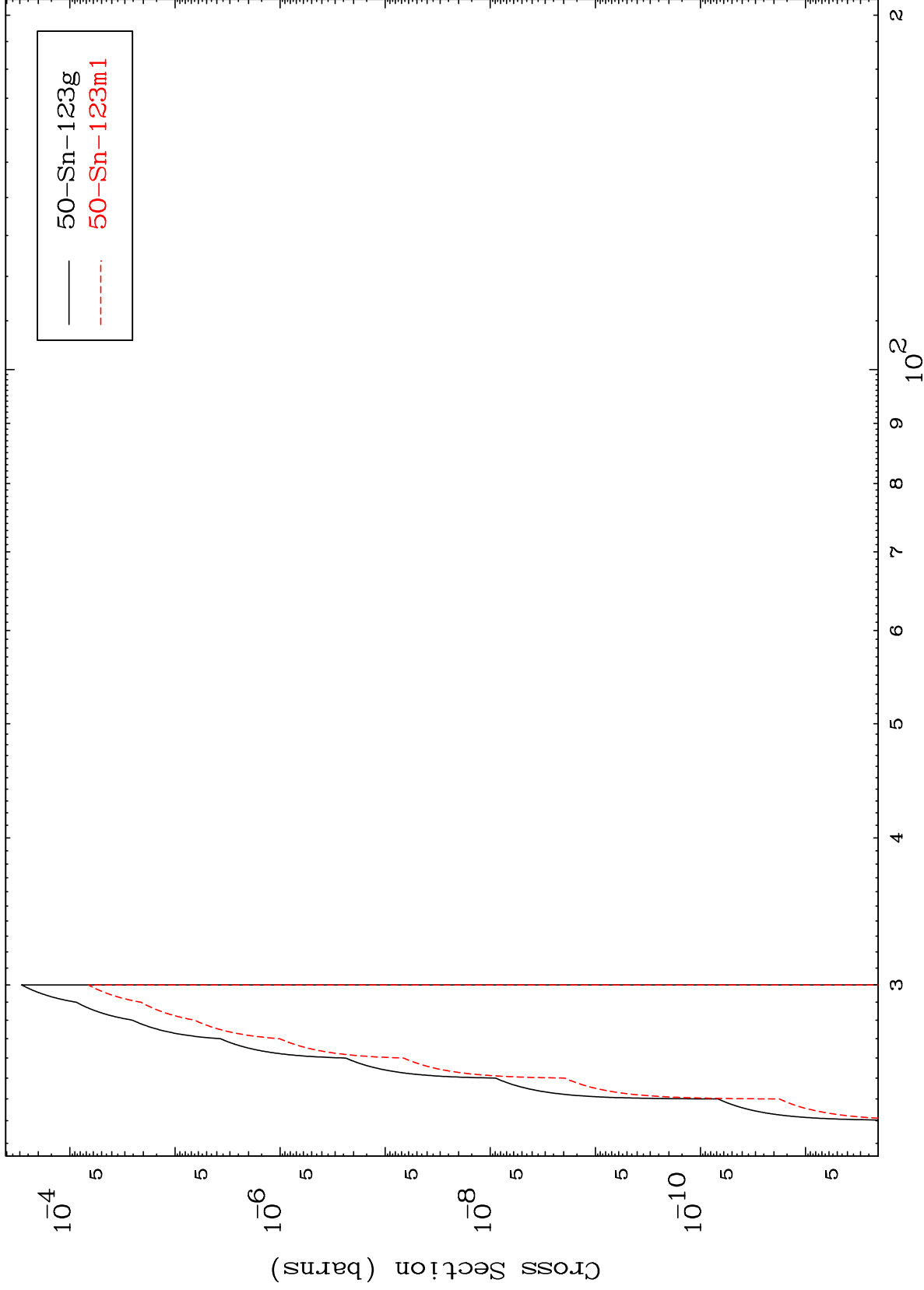
51-Sb-126

MAT 5142

(n,3n) p

51-Sb-126

Radionuclide Production Cross Section



28

Incident Energy (MeV)

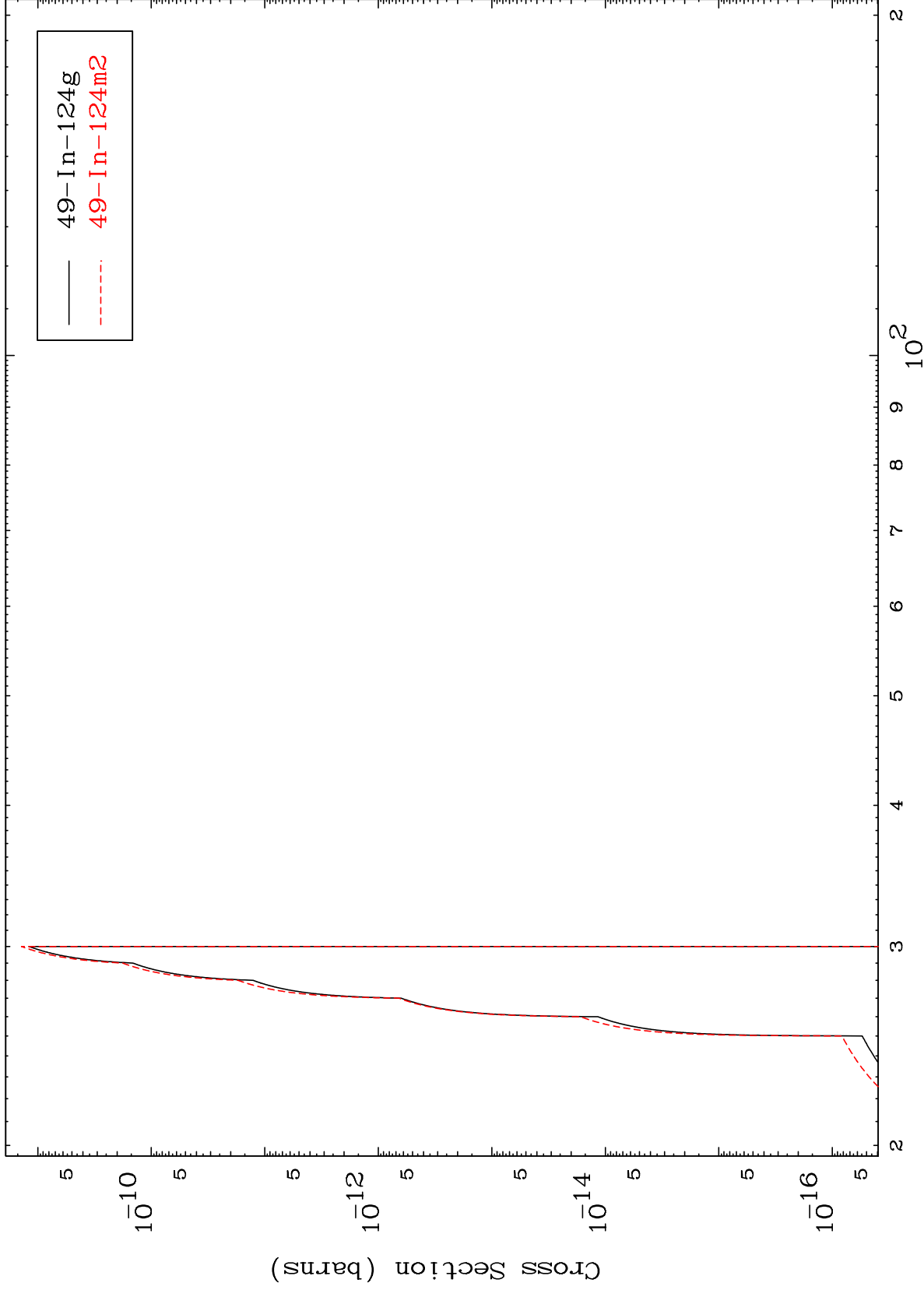
51-Sb-126

MAT 5142

(n,2n) p

51-Sb-126

Radionuclide Production Cross Section



29

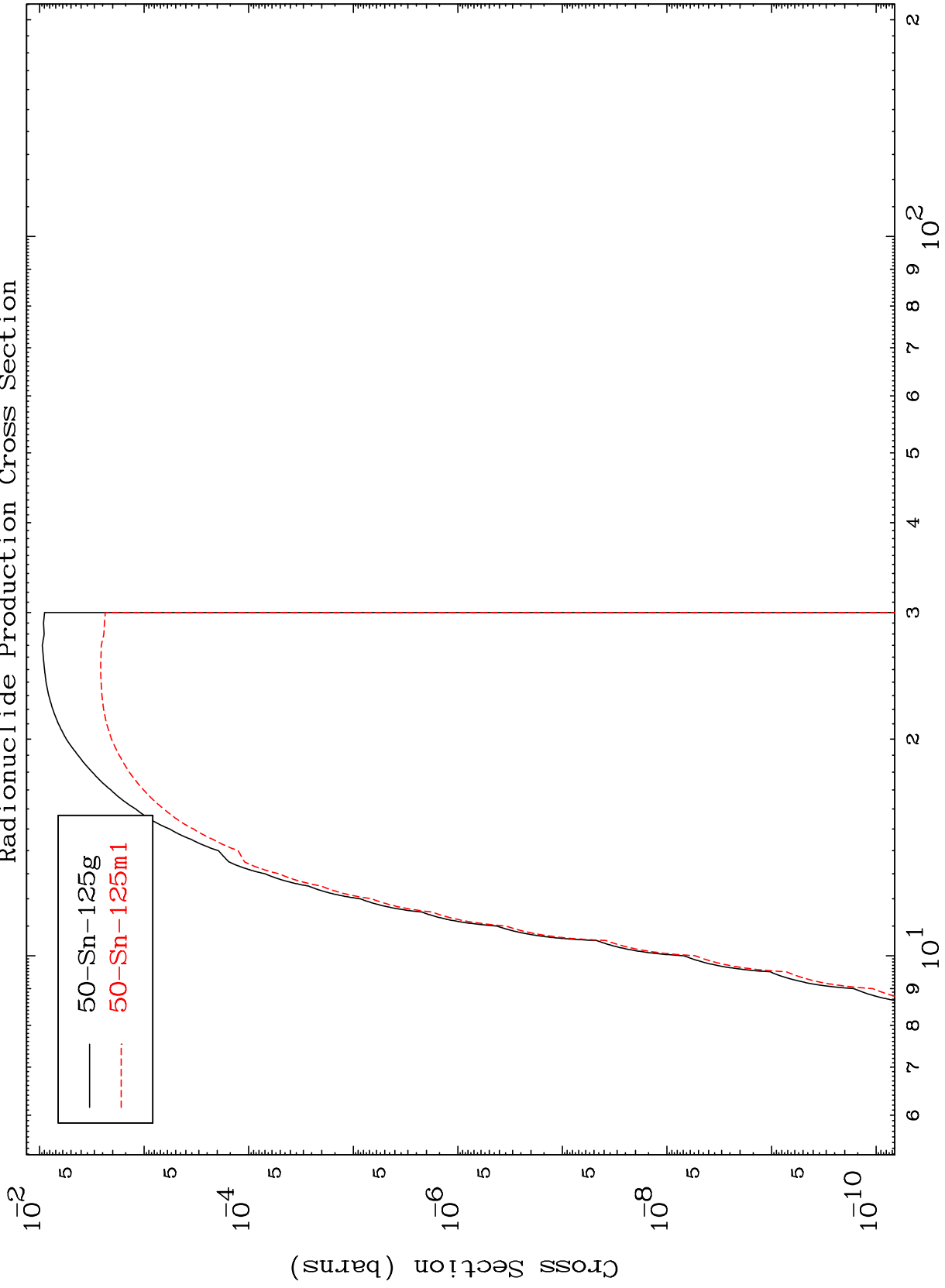
Incident Energy (MeV)

51-Sb-126

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51-Sb-126

Radionuclide Production Cross Section (n,d)



30

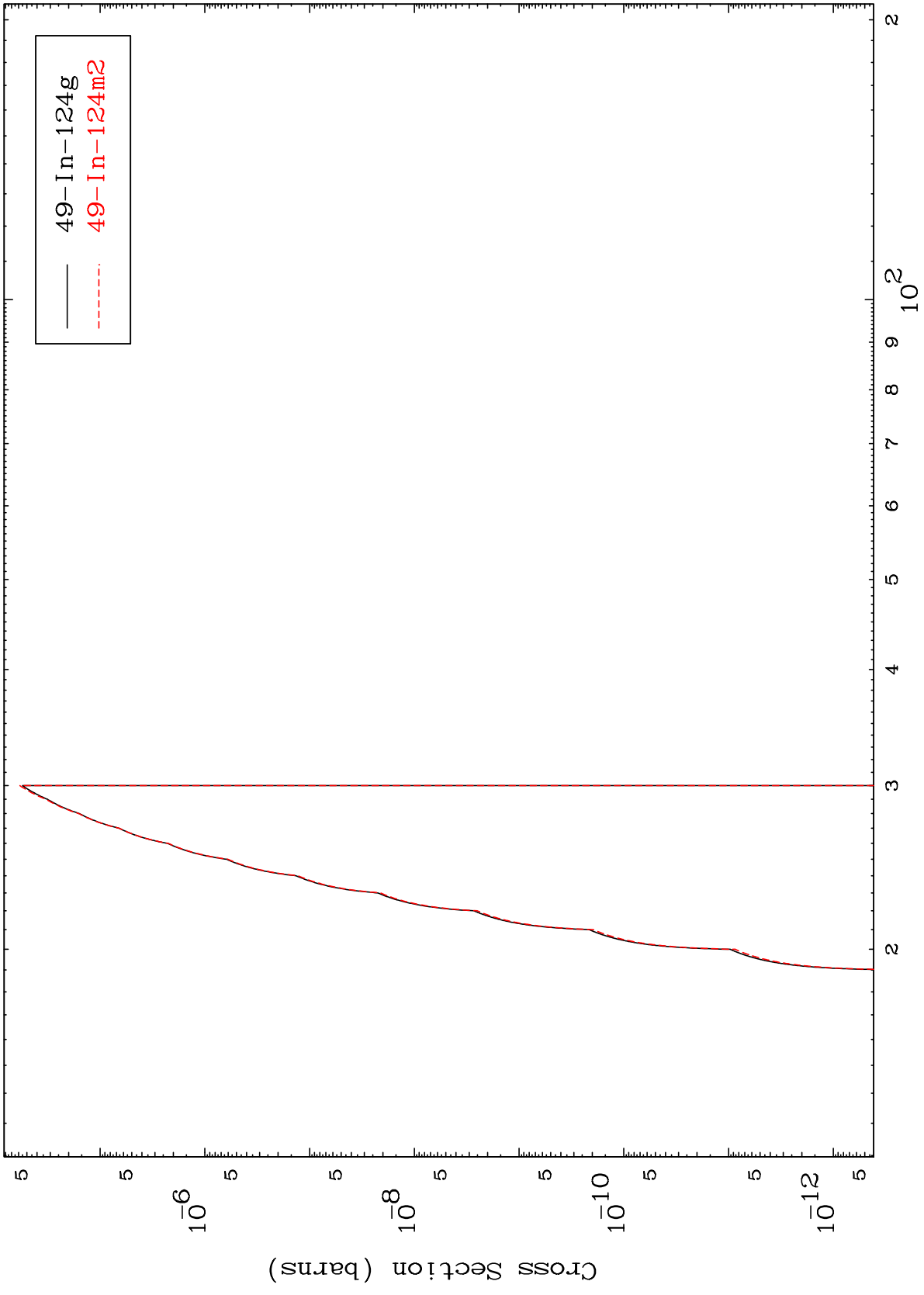
51-Sb-126

MAT 5142

(n,He-3)

51-Sb-126

Radionuclide Production Cross Section



31

Incident Energy (MeV)

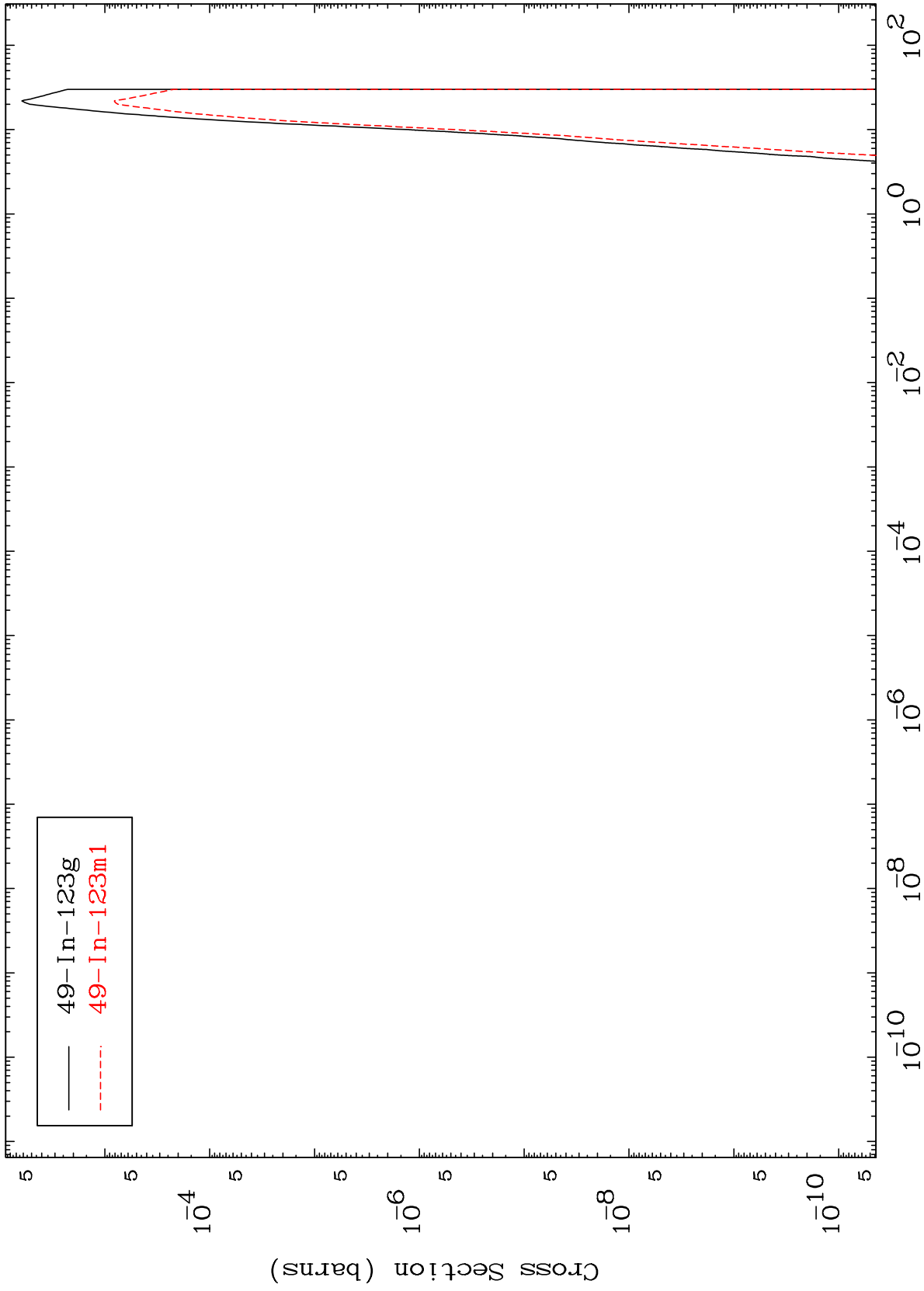
51-Sb-126

MAT 5142

(n, α)

51-Sb-126

Radionuclide Production Cross Section



32

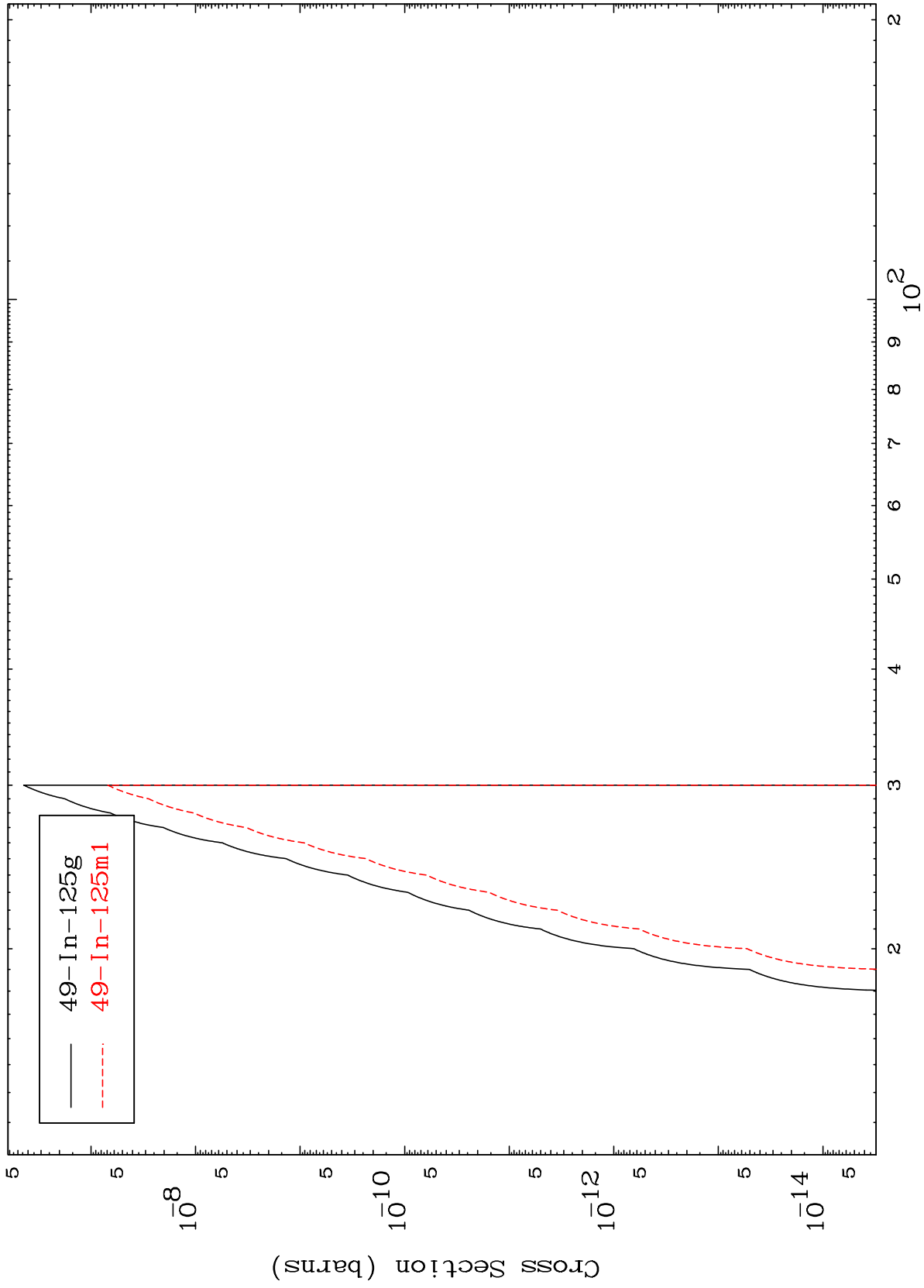
Incident Energy (MeV)

51-Sb-126

MAT 5142

51-Sb-126

(n,2p)
Radionuclide Production Cross Section



33

51-Sb-126

Incident Energy (MeV)