

Program EVALPLOT
(Version 2021-1)

by

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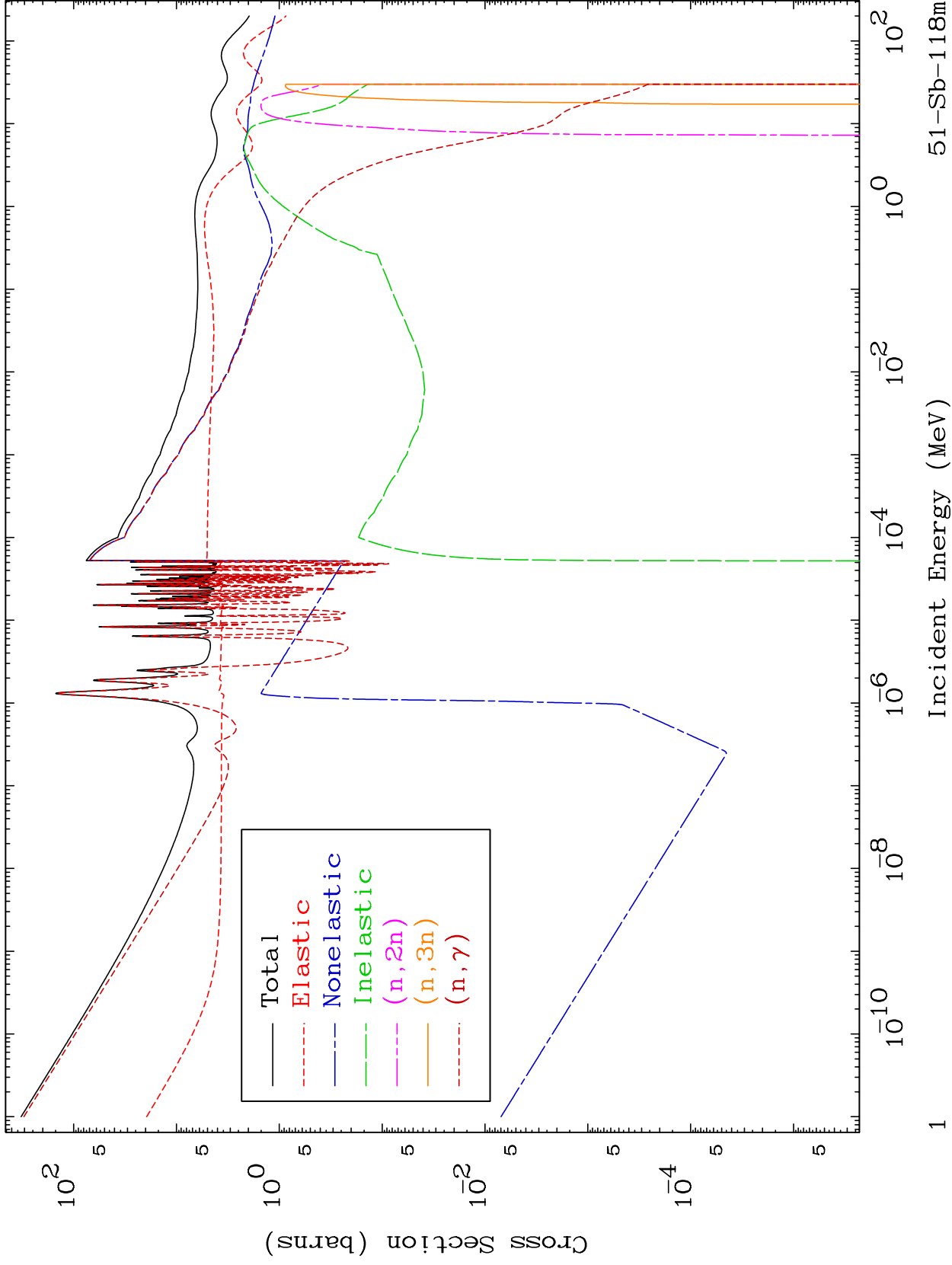
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5117

Neutron Major
293 Kelvin Cross Sections

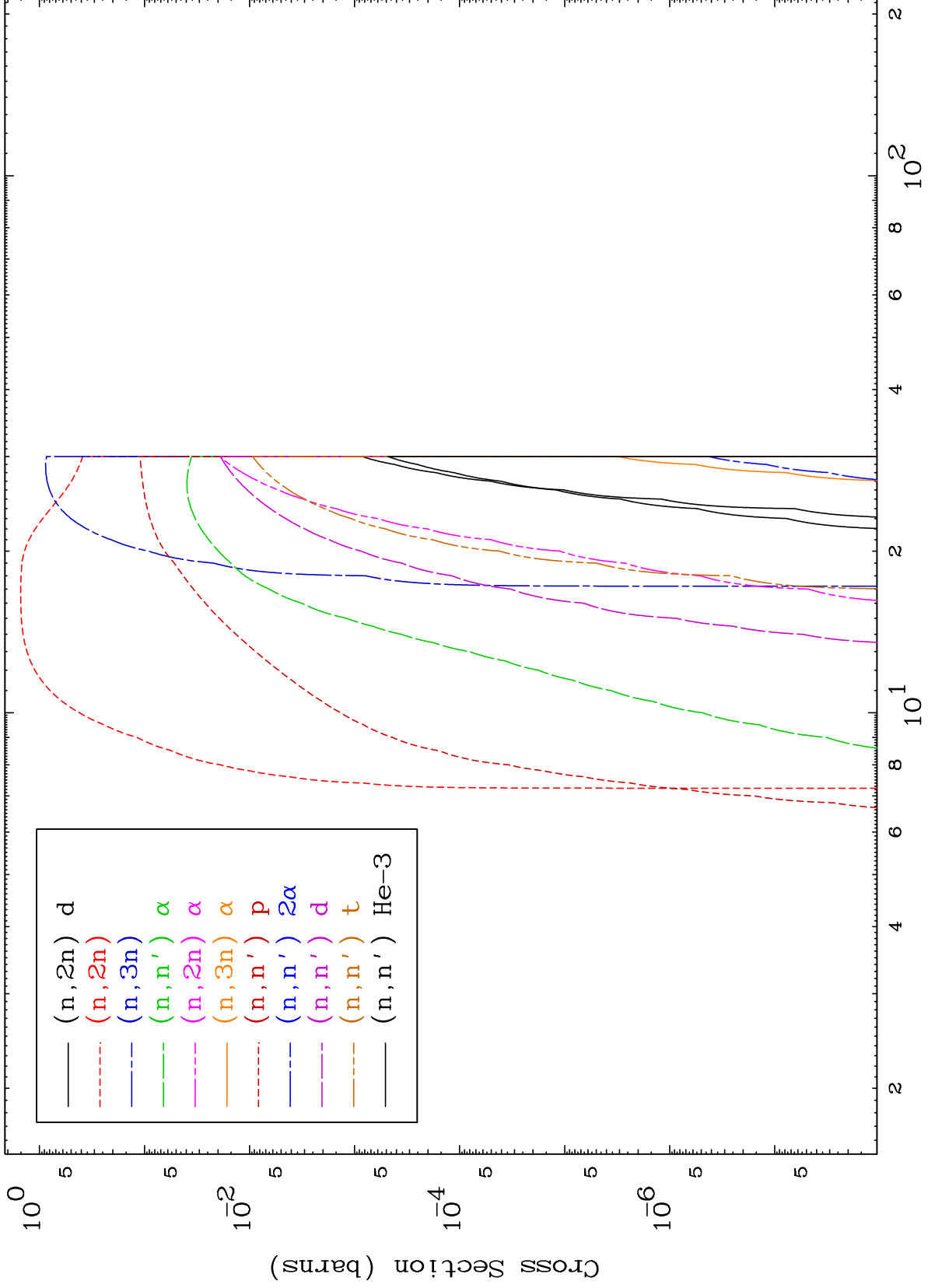
51-Sb-118m



MAT 5117

Neutron Absorption
293 Kelvin Cross Sections

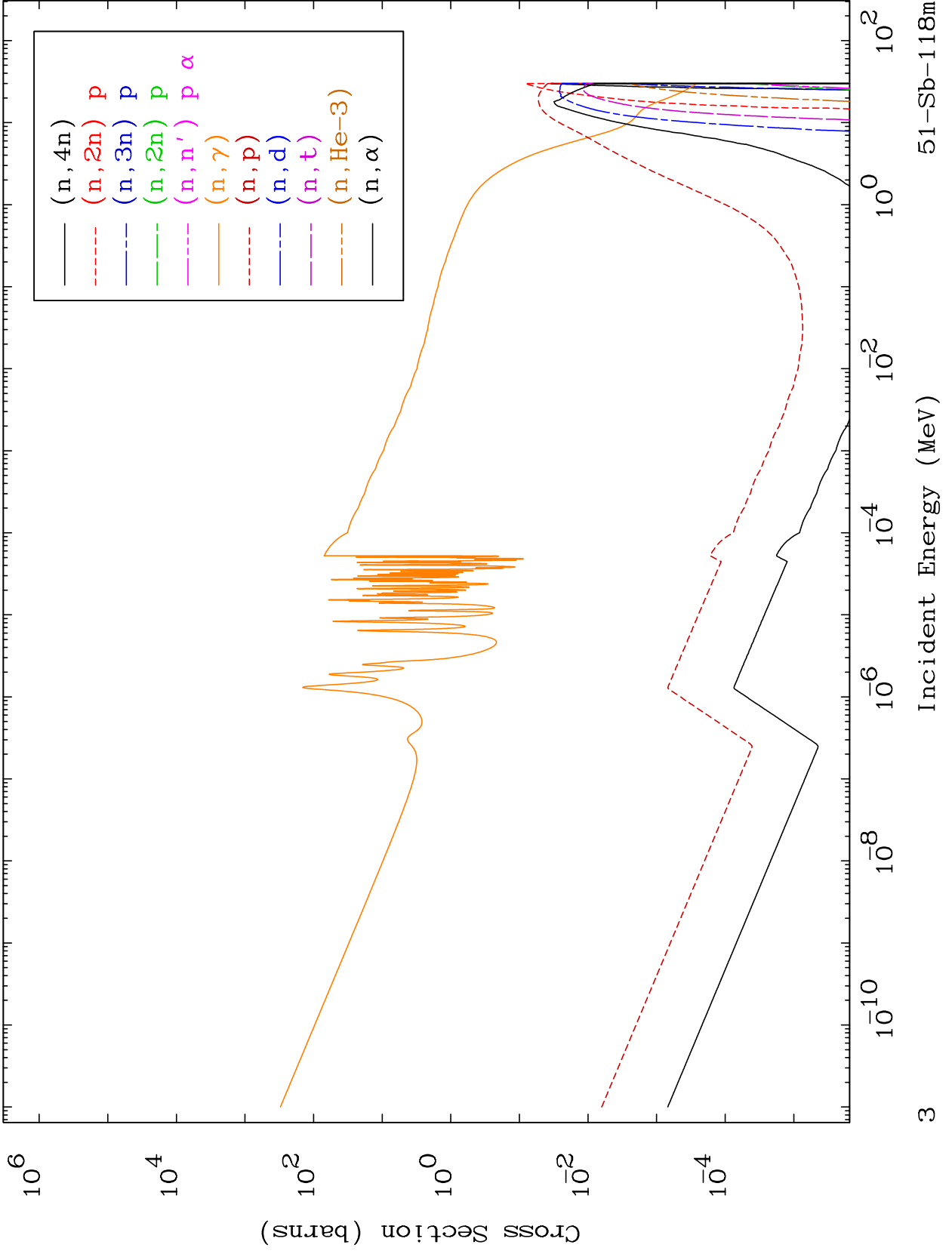
51-Sb-118m



MAT 5117

Neutron Absorption
293 Kelvin Cross Sections

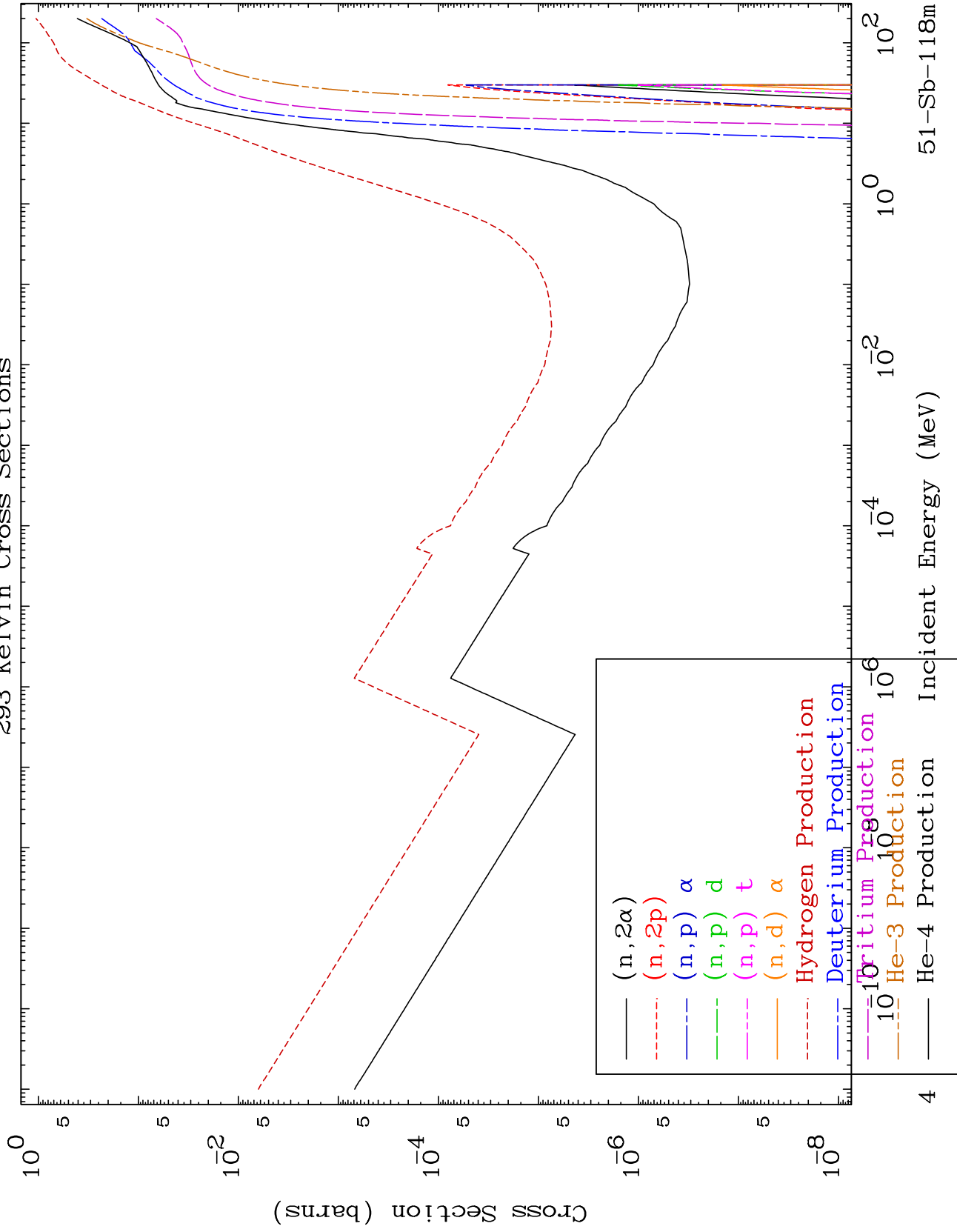
51-Sb-118m



MAT 5117

Neutron Absorption
293 Kelvin Cross Sections

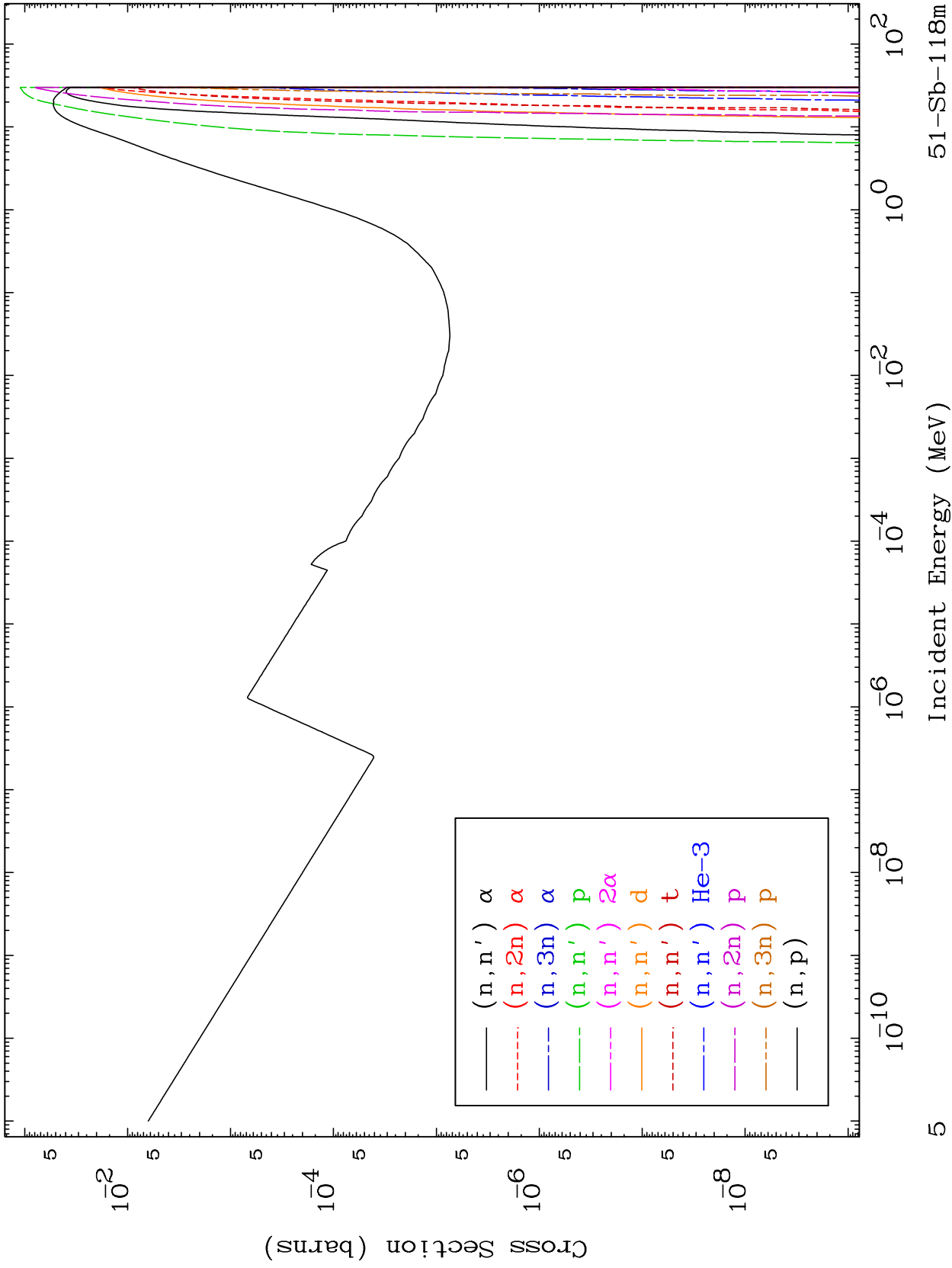
51-Sb-118m



MAT 5117

Charged Particle
293 Kelvin Cross Sections

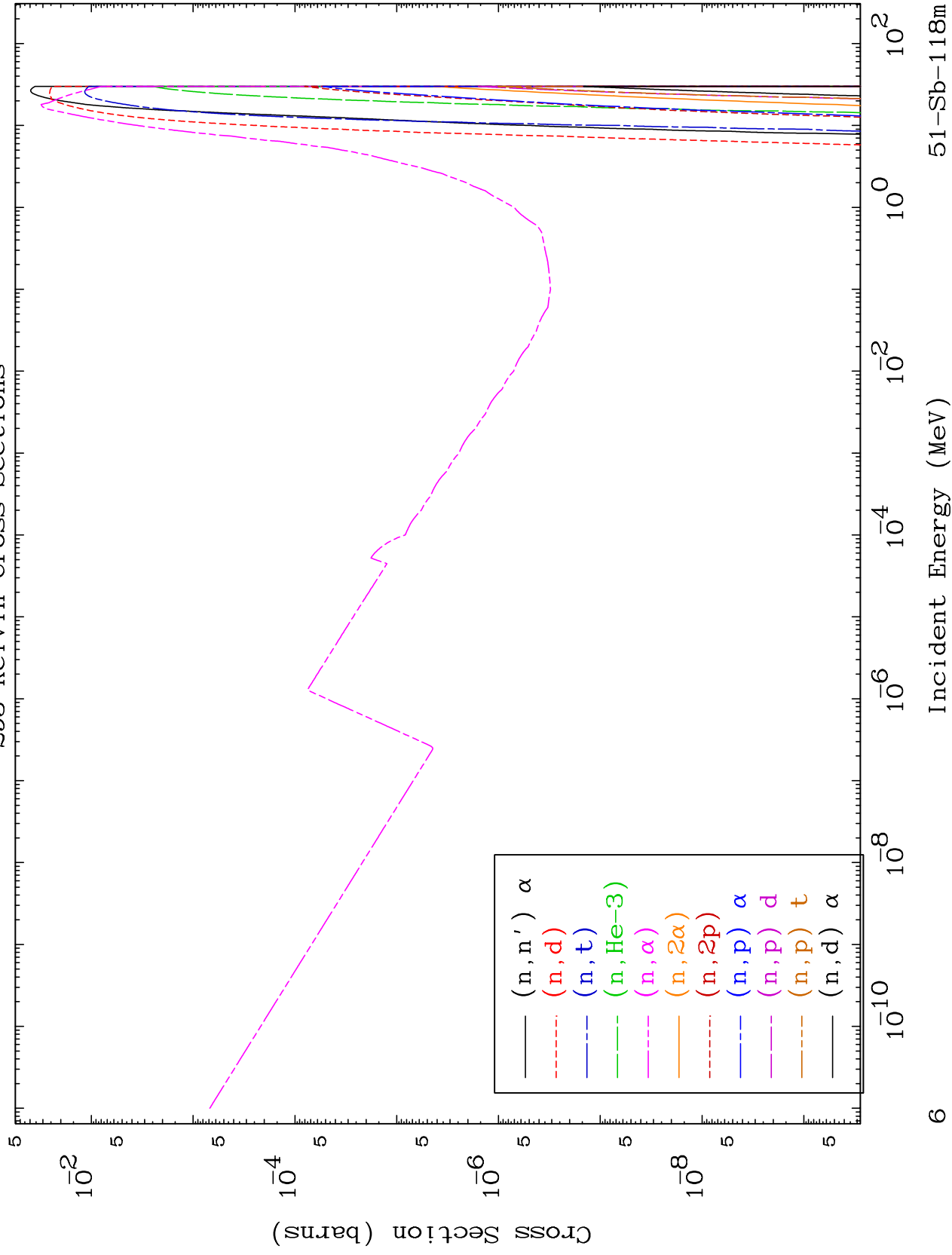
51-Sb-118m



MAT 5117

Charged Particle
293 Kelvin Cross Sections

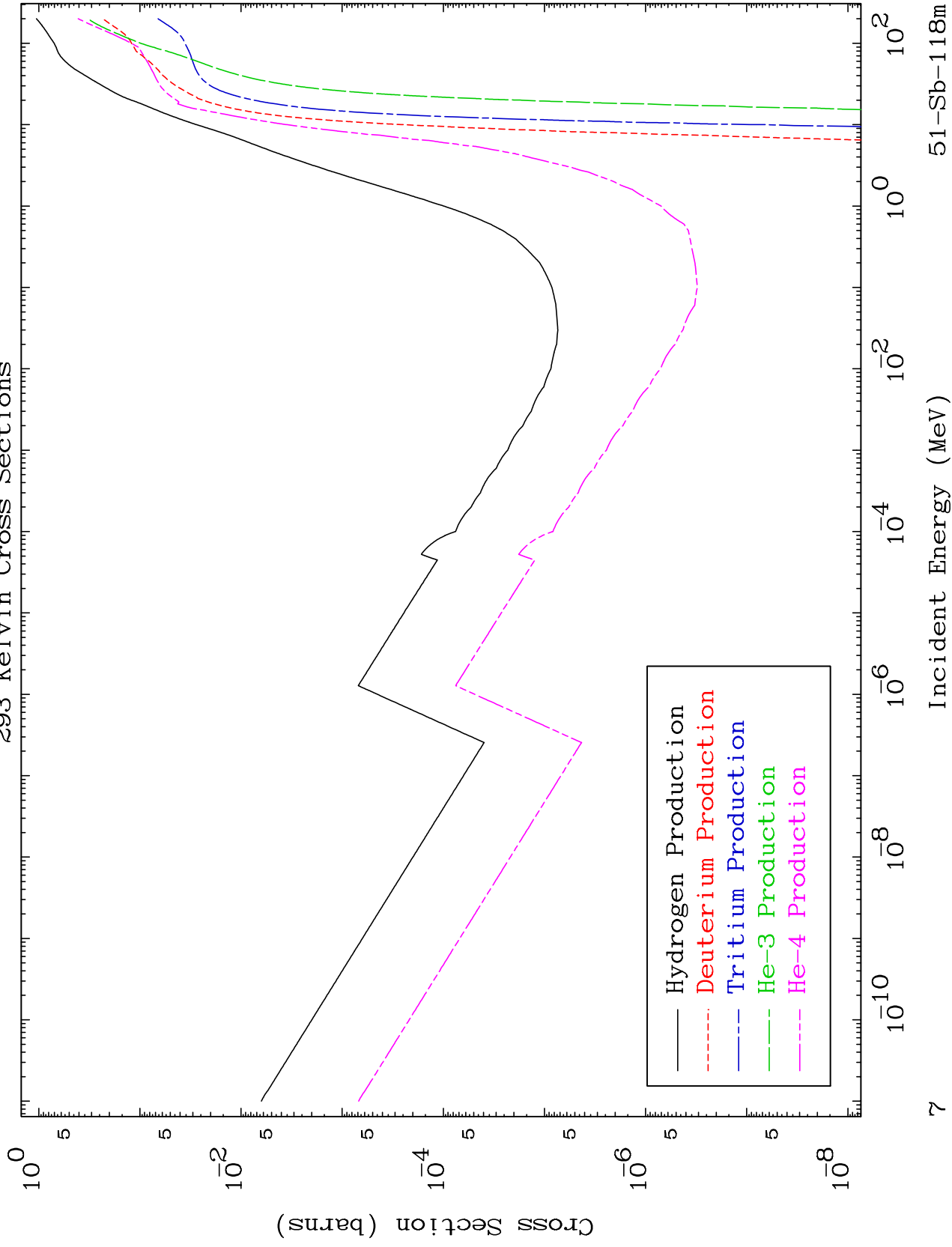
51-Sb-118m



MAT 5117

Particle Production
293 Kelvin Cross Sections

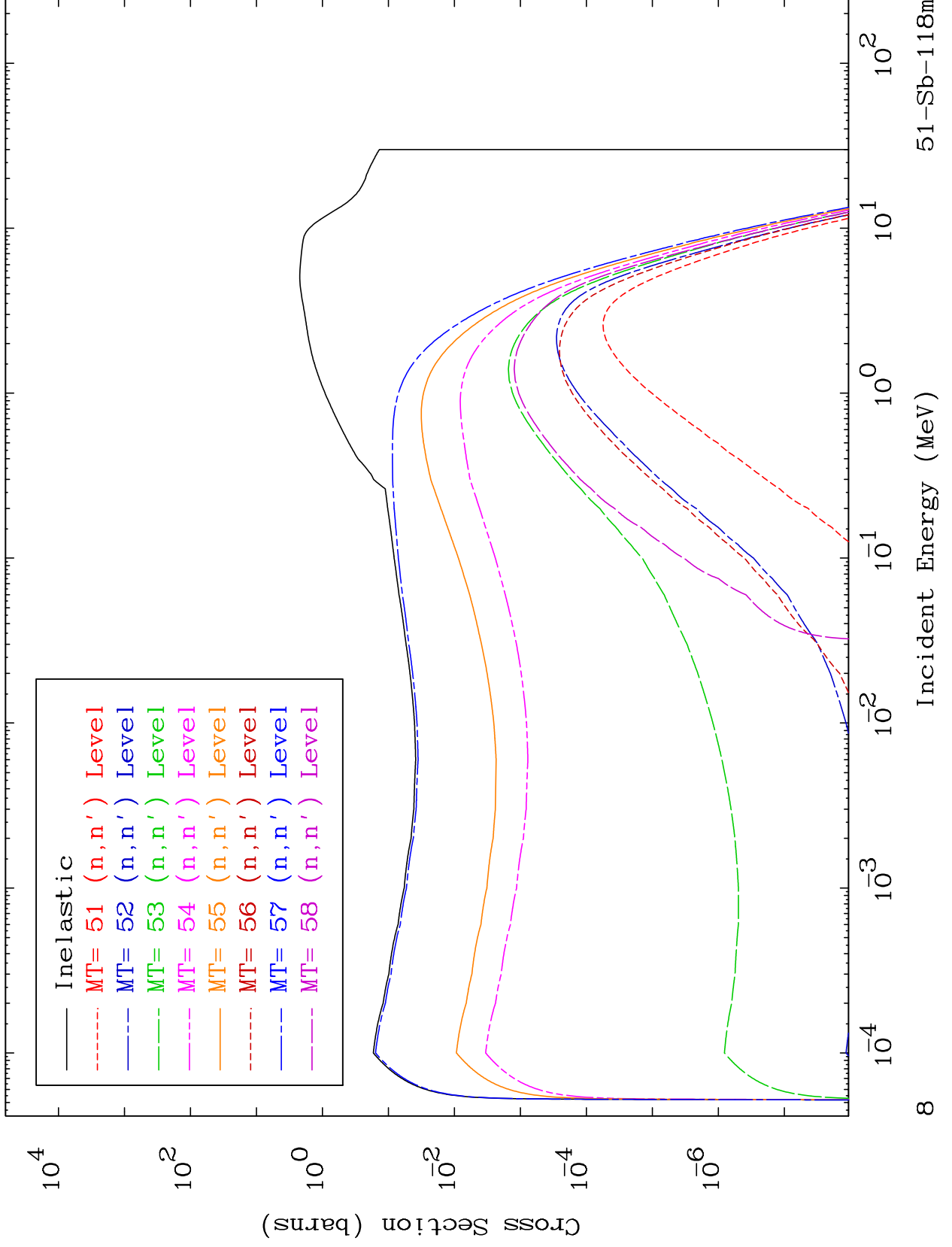
51-Sb-118m



MAT 5117

(n,n') Levels
293 Kelvin Cross Sections

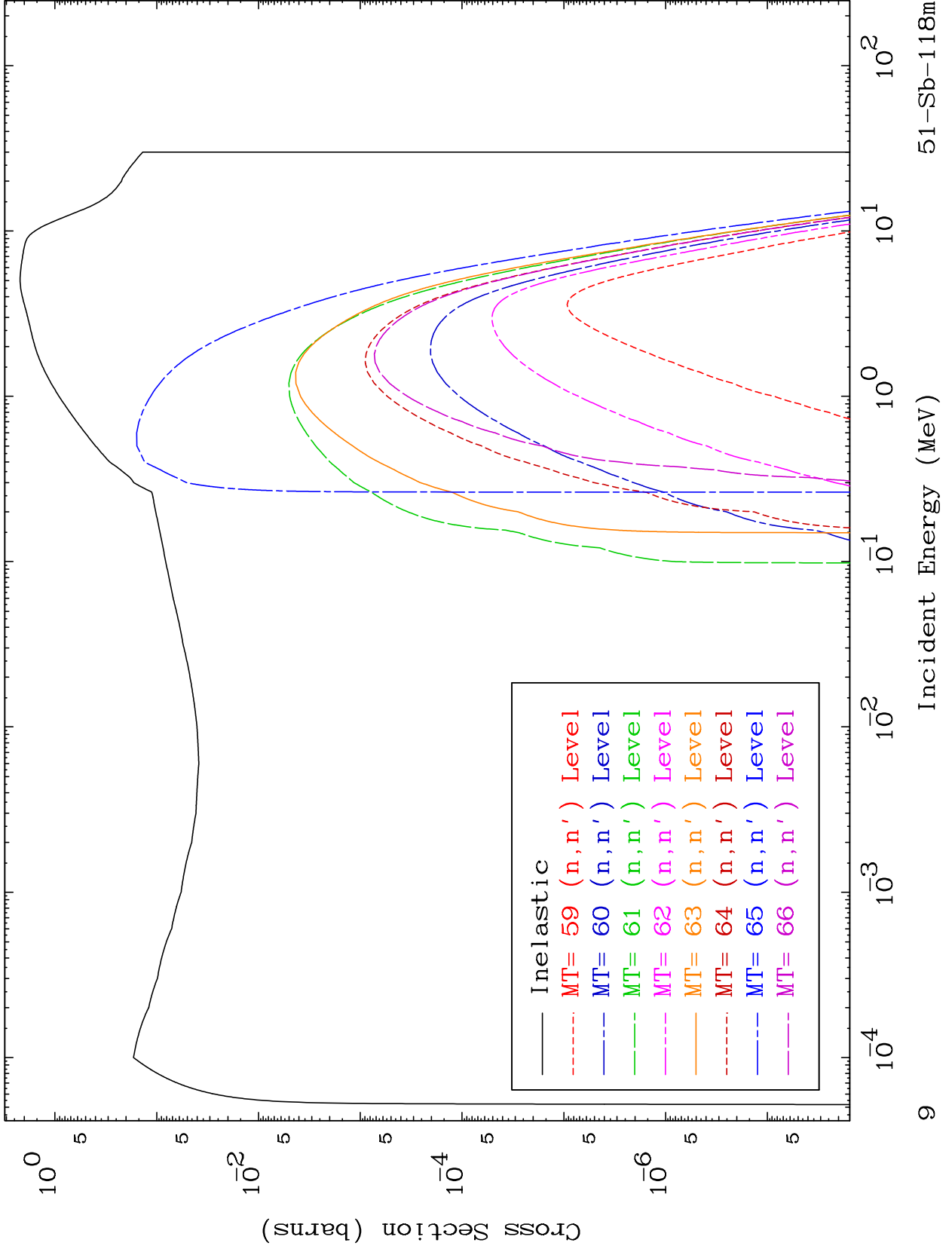
51-Sb-118m



MAT 5117

(n,n') Levels
293 Kelvin Cross Sections

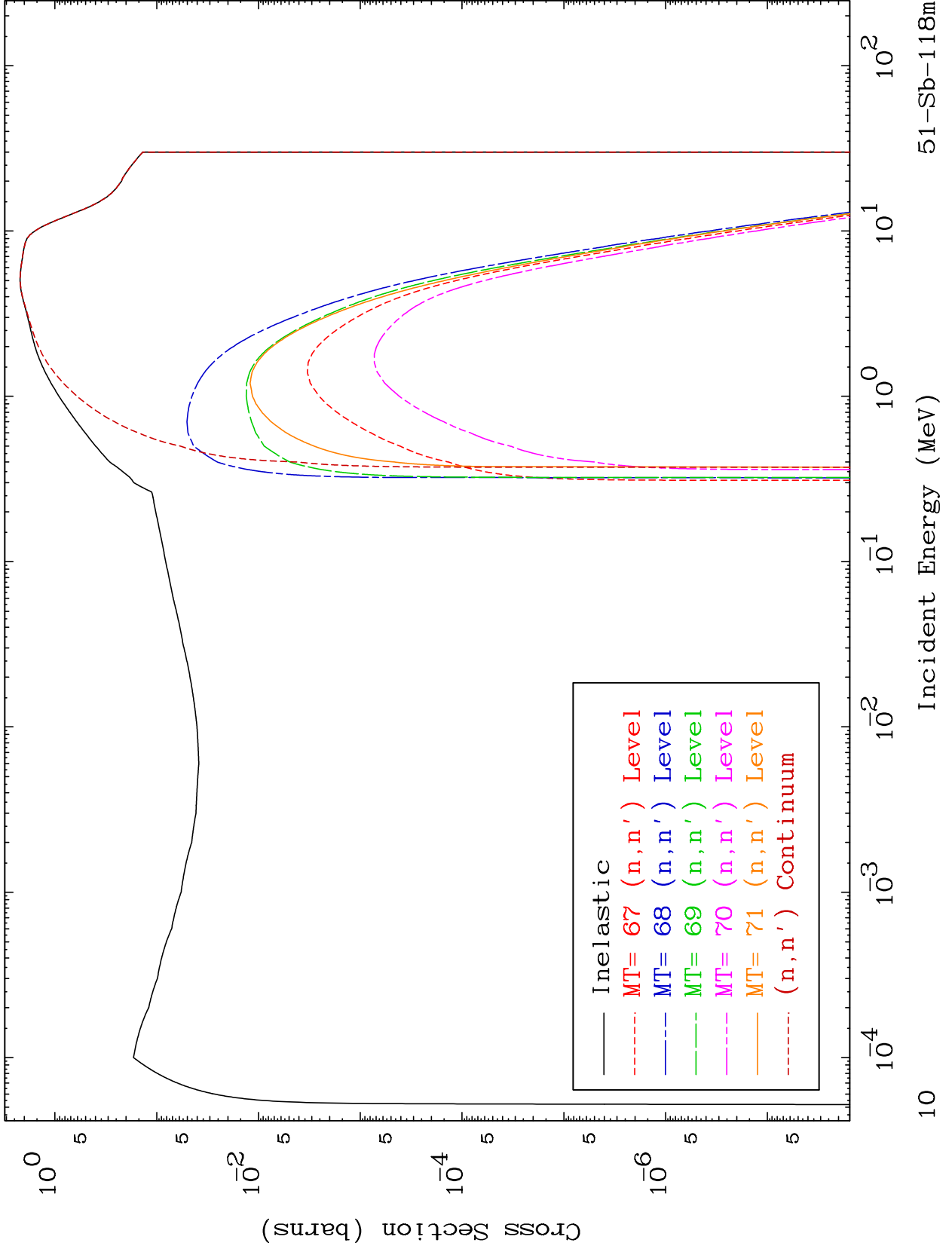
51-Sb-118m



MAT 5117

(n,n') Levels
293 Kelvin Cross Sections

51-Sb-118m



10

10^{-4}

10^{-3}

10^{-2}

10^{-1}

10^0

10^1

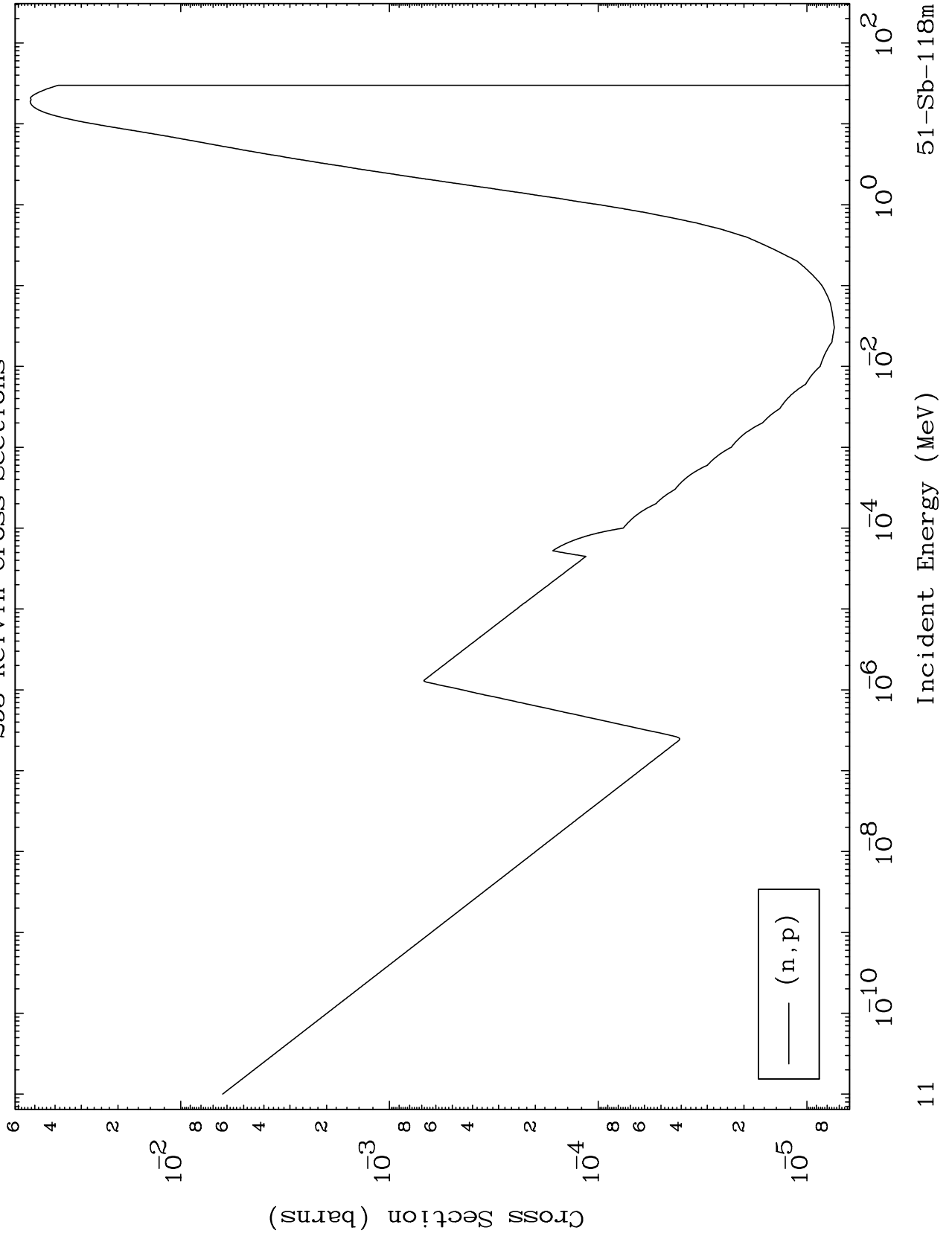
10^2

51-Sb-118m

MAT 5117

(n,p) Levels
293 Kelvin Cross Sections

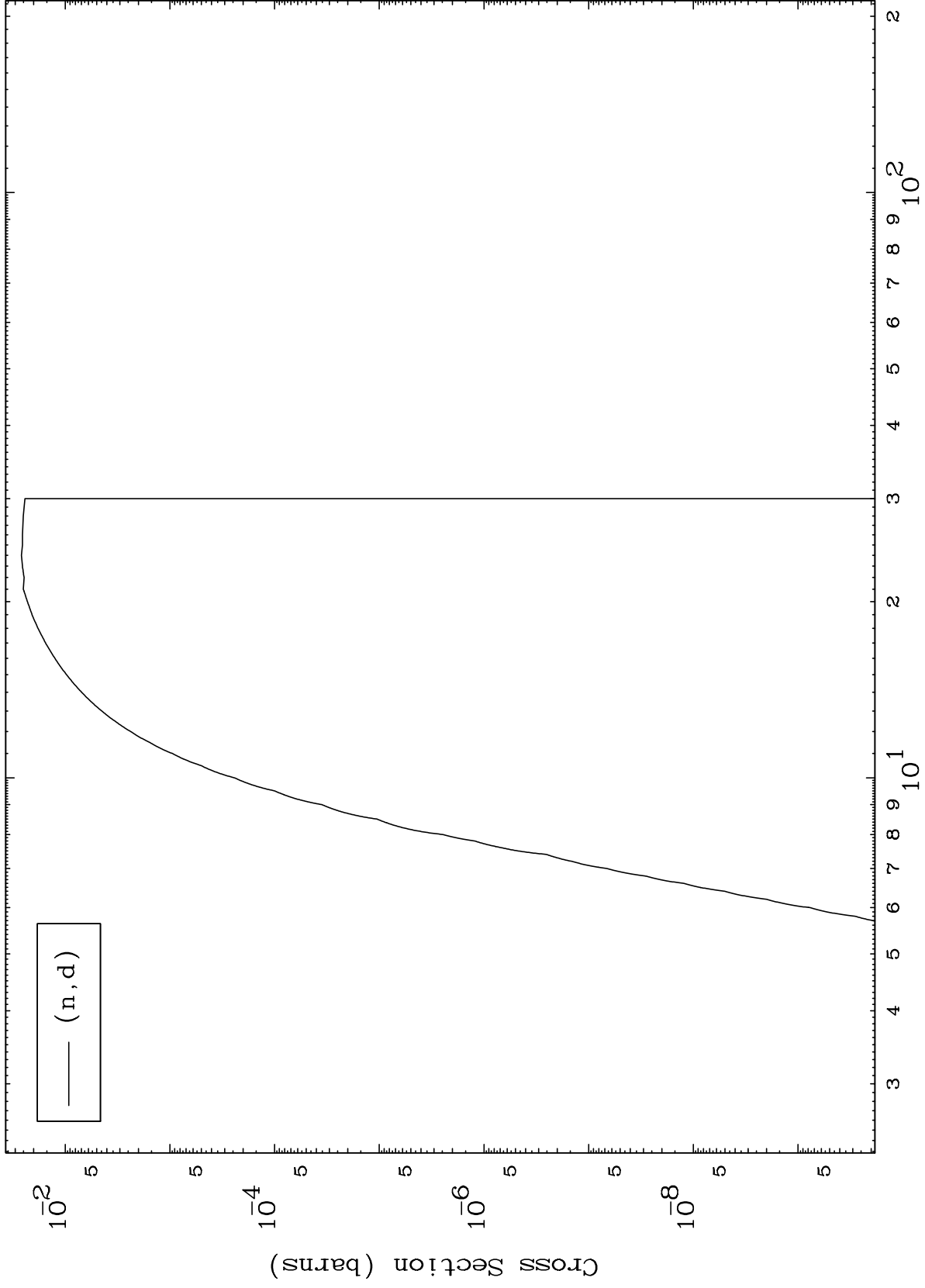
51-Sb-118m



MAT 5117

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-118m



12

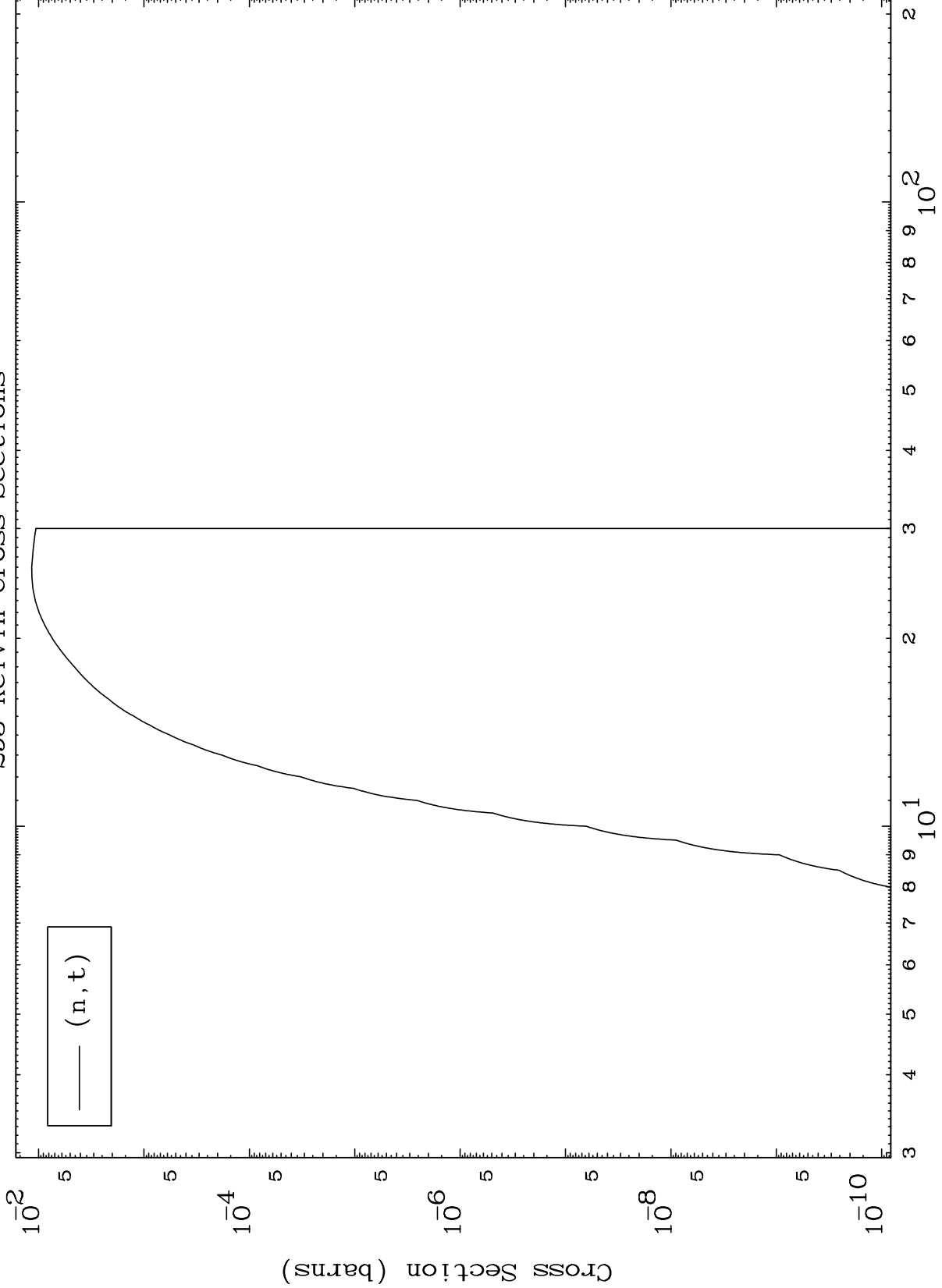
Incident Energy (MeV)

51-Sb-118m

MAT 5117

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-118m



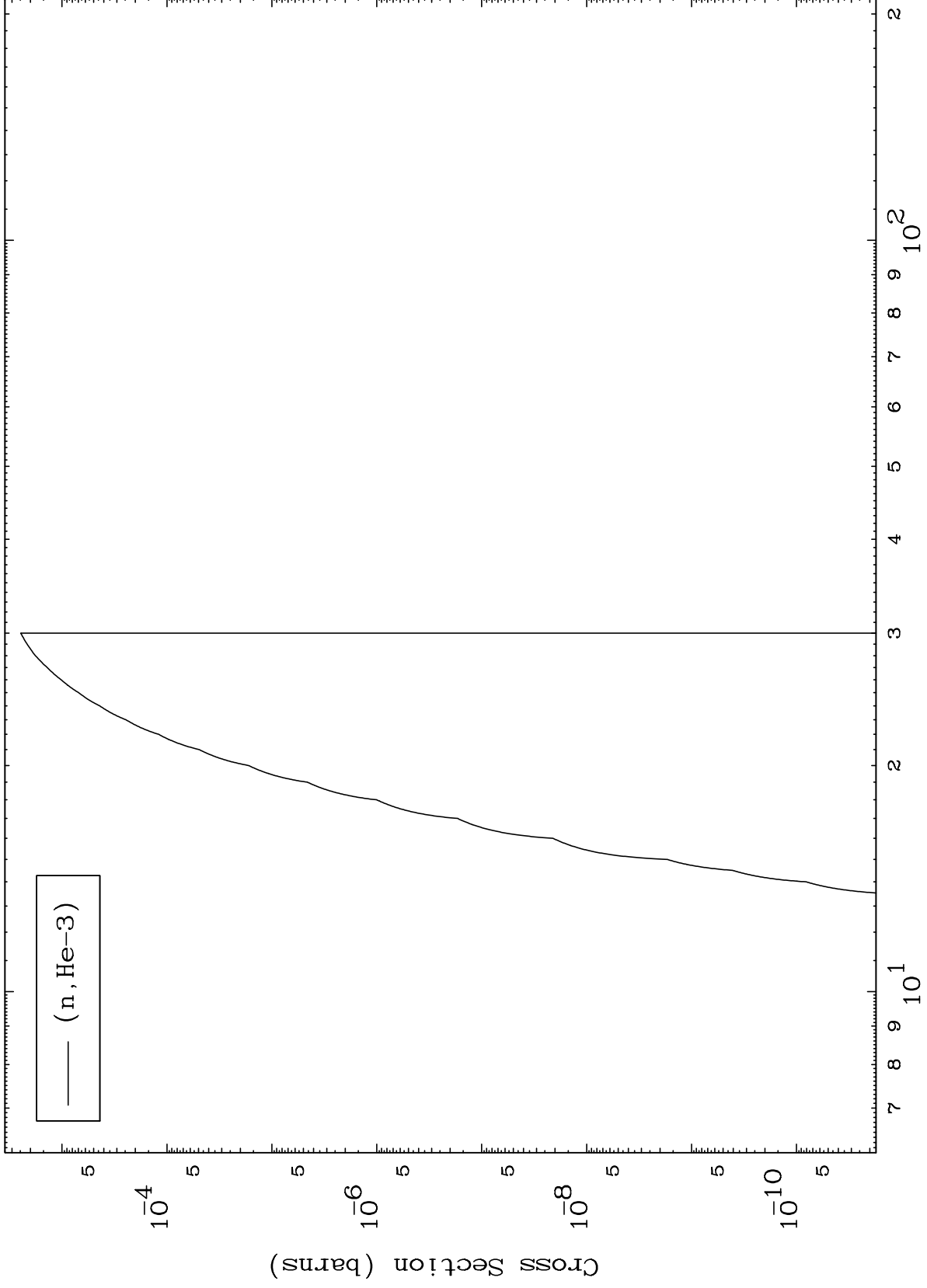
51-Sb-118m

Incident Energy (MeV)

MAT 5117

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-118m



14

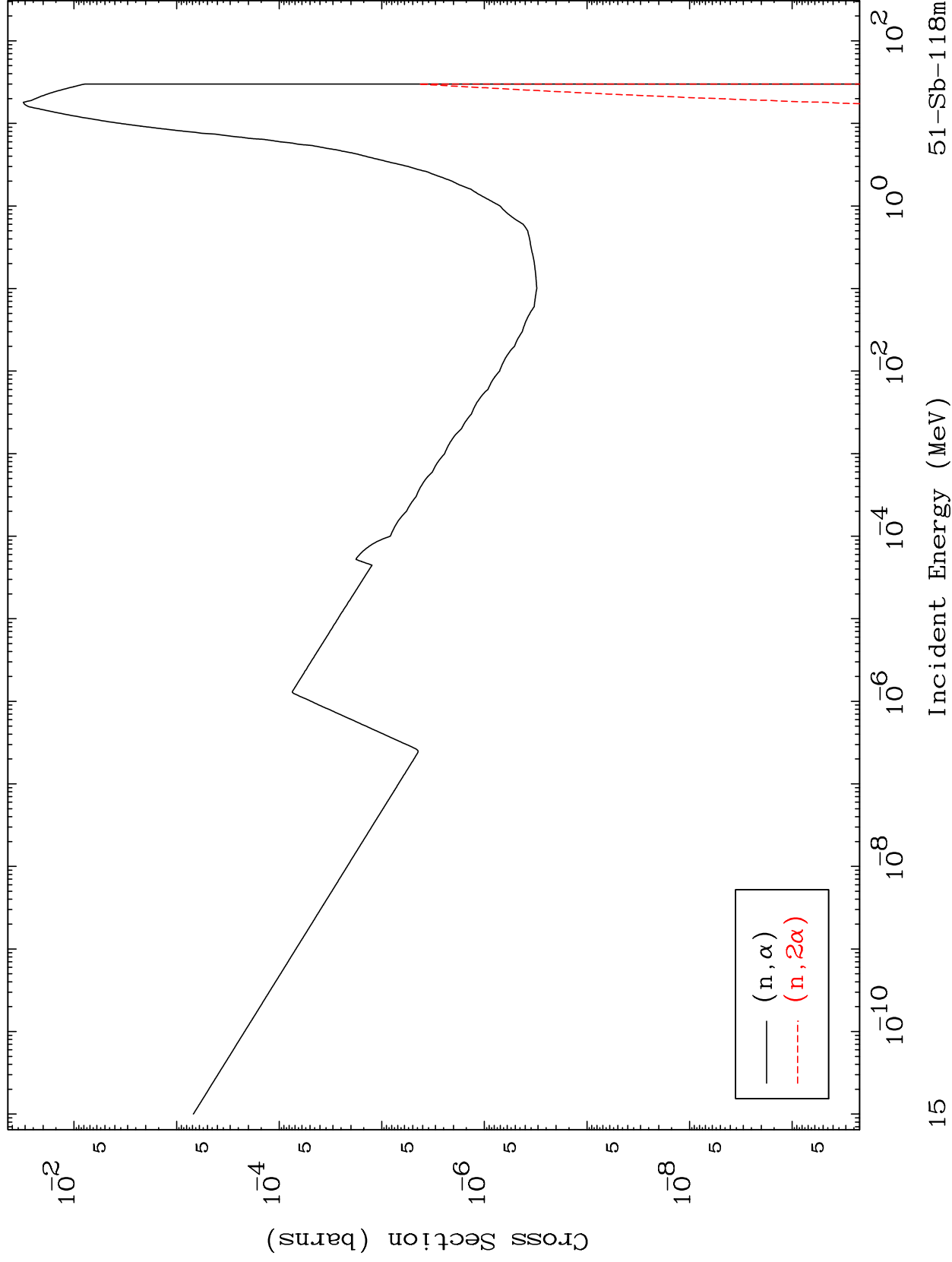
Incident Energy (MeV)

51-Sb-118m

MAT 5117

(n,α) Levels
293 Kelvin Cross Sections

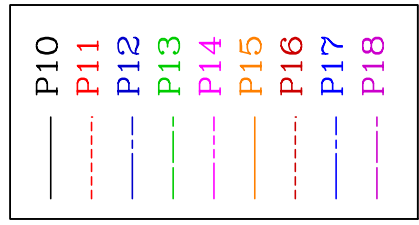
51-Sb-118m



MAT 5117

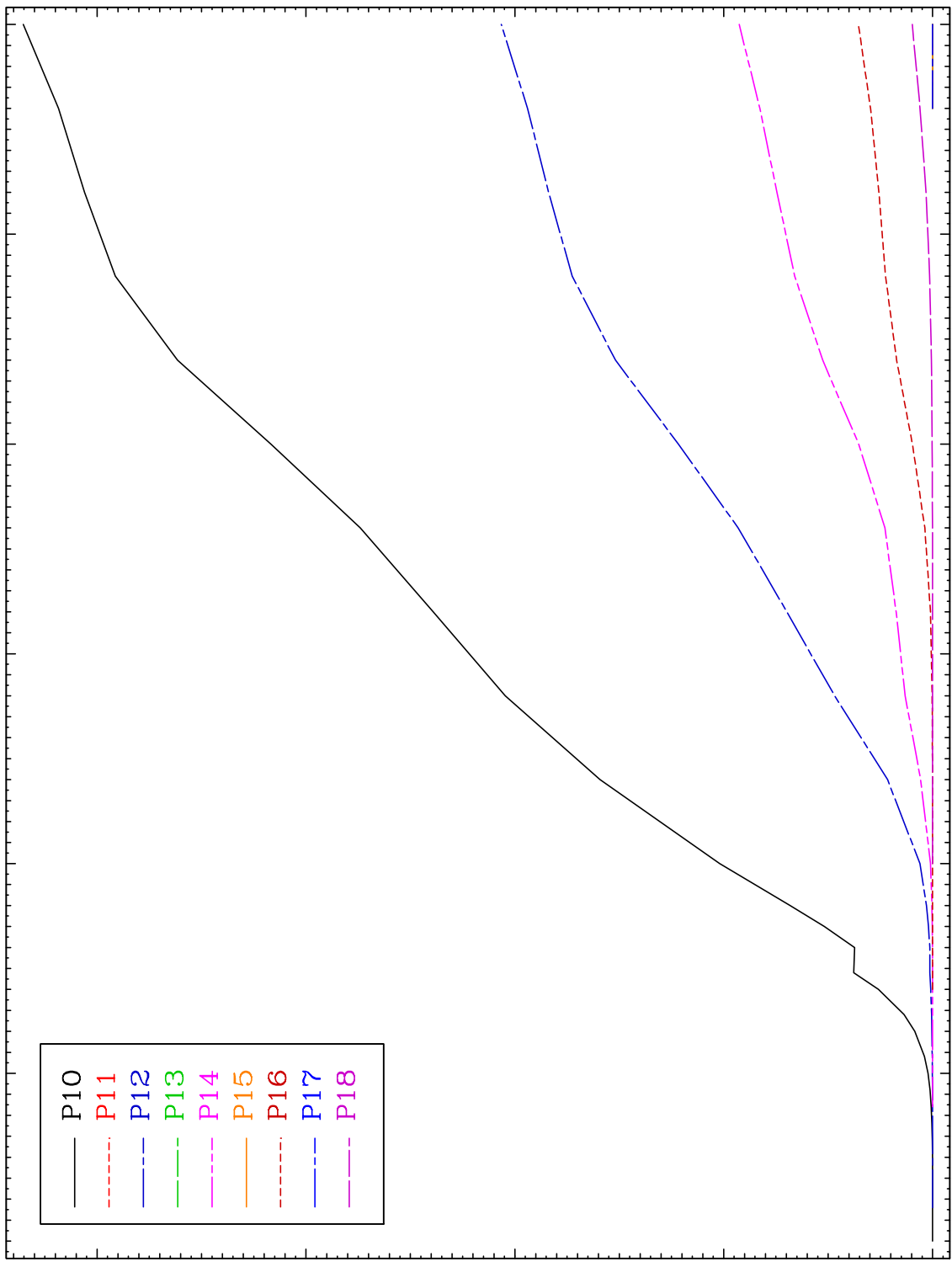
Elastic Legendre Coefficients

51-Sb-118m



$\times 10^{-4}$

Legendre (CM)



17

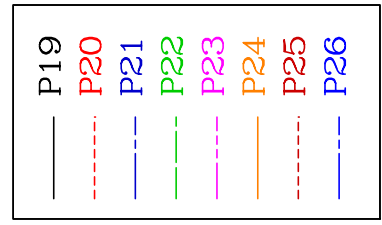
Incident Energy (MeV)

51-Sb-118m

MAT 5117

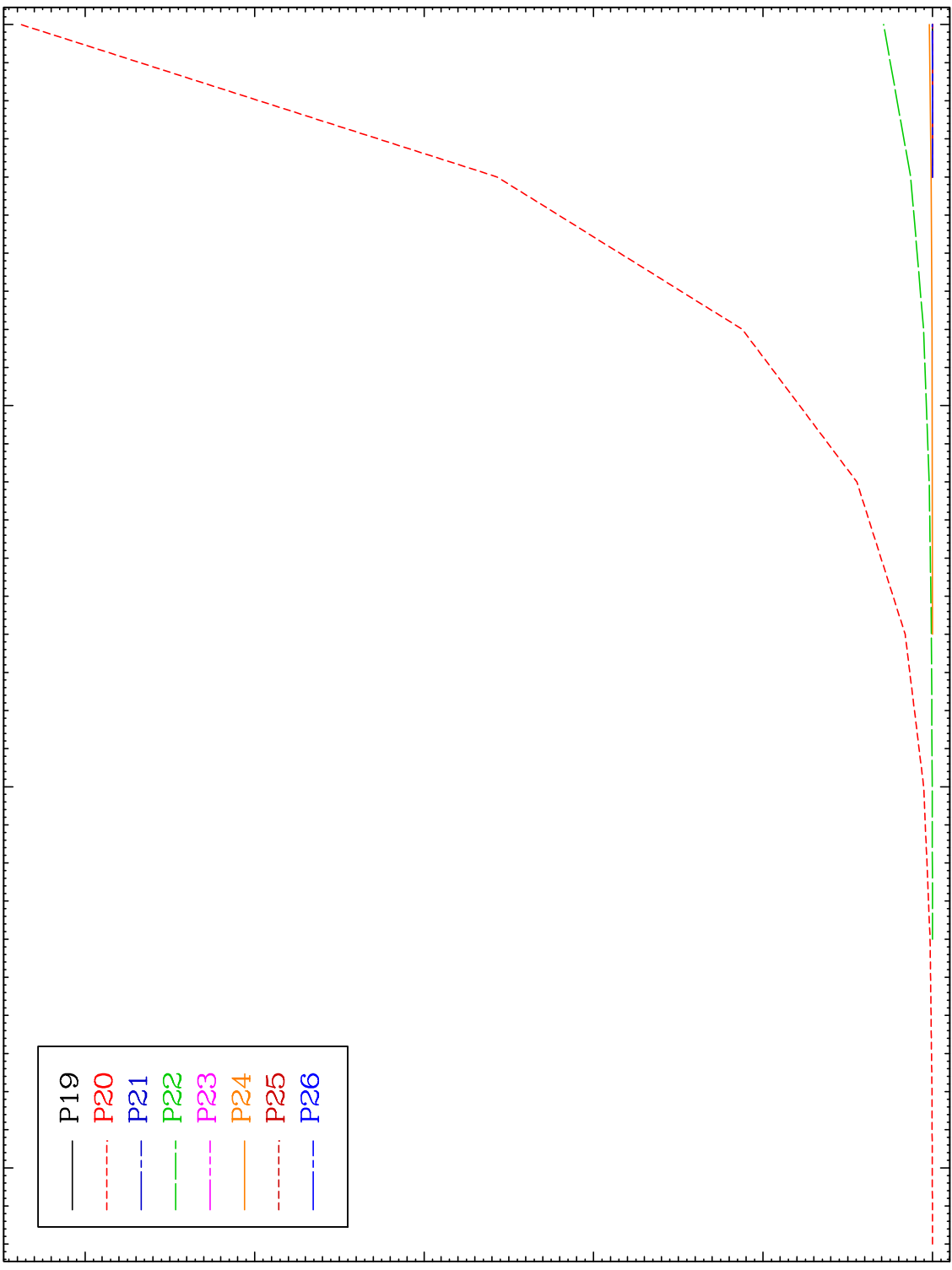
Elastic
Legendre Coefficients

51-Sb-118m



$\times 10^{-7}$

Legendre (CM)



18

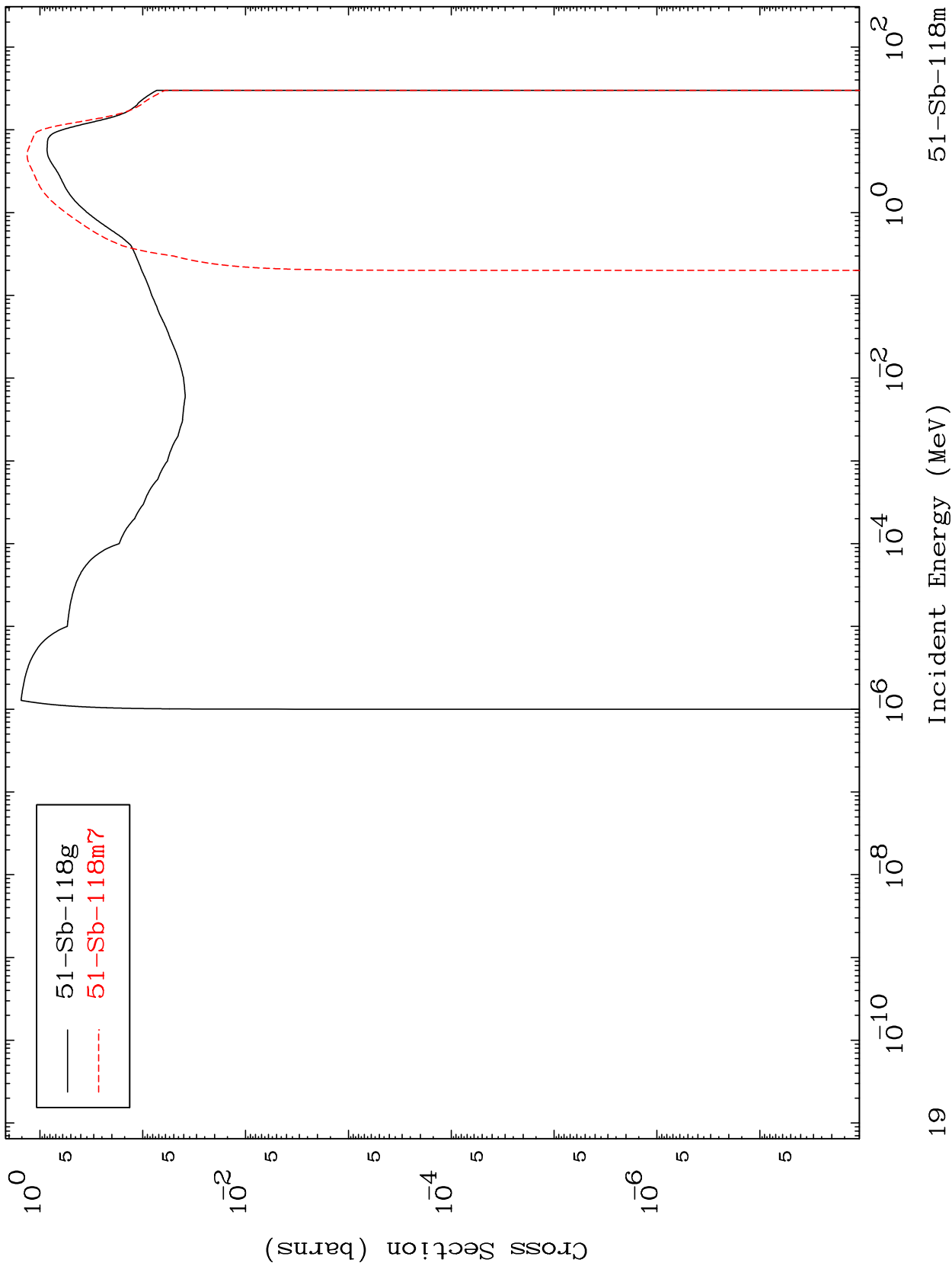
Incident Energy (MeV)

51-Sb-118m

MAT 5117

51-Sb-118m

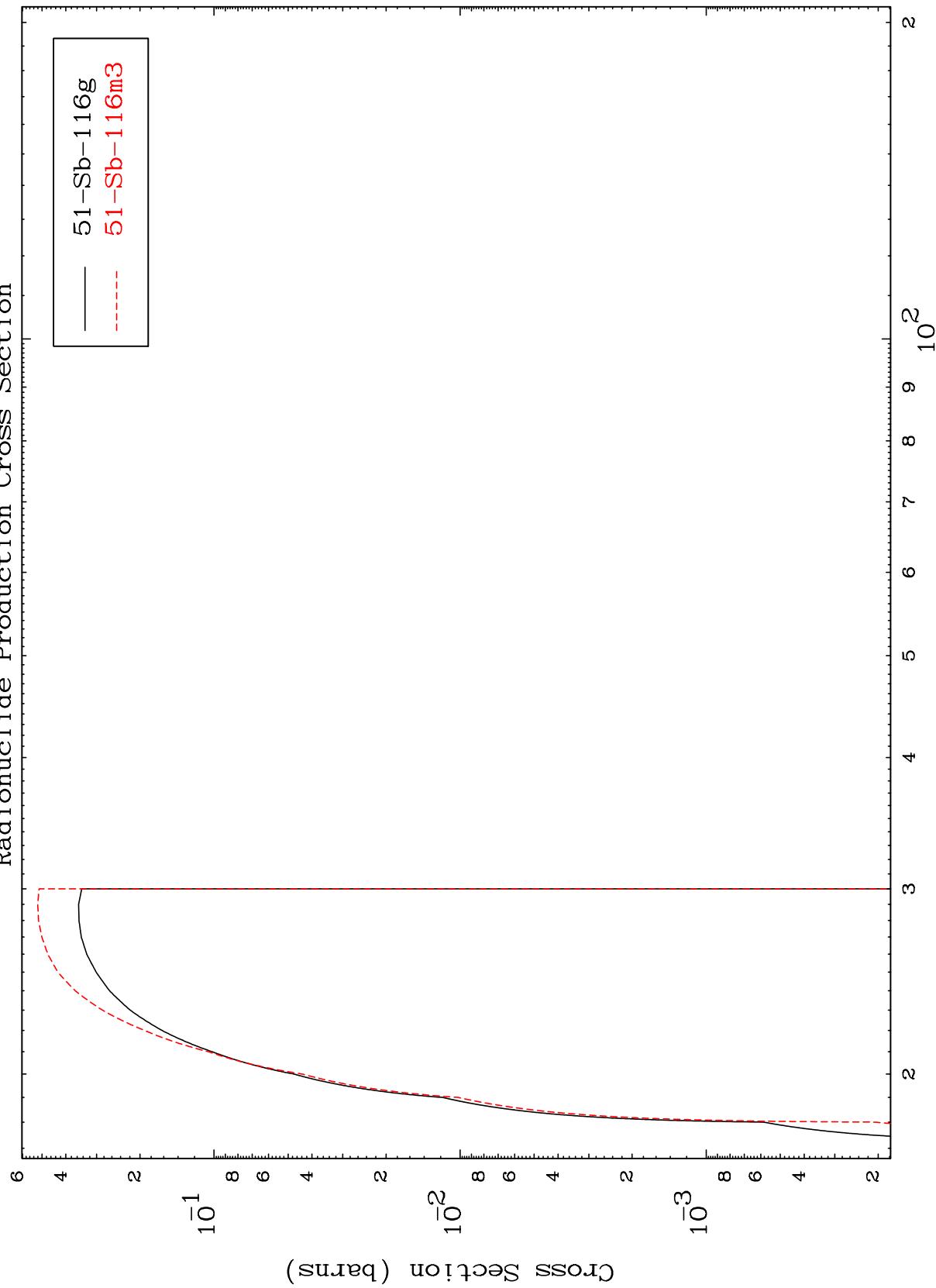
Inelastic
Radionuclide Production Cross Section



MAT 5117

51-Sb-118m

(n,3n)
Radionuclide Production Cross Section



51-Sb-118m

Incident Energy (MeV)

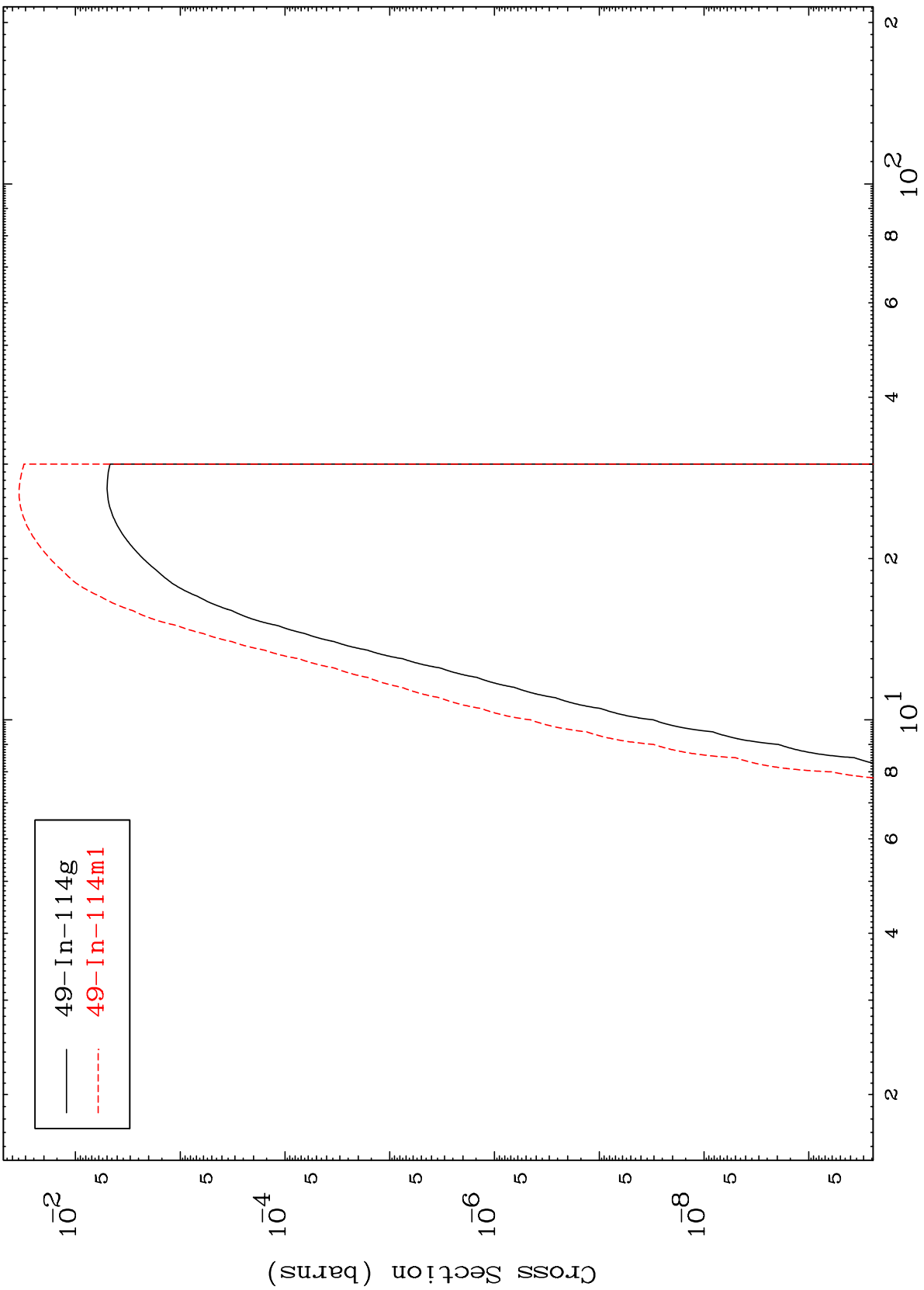
20

MAT 5117

(n,n') α

51-Sb-118m

Radionuclide Production Cross Section

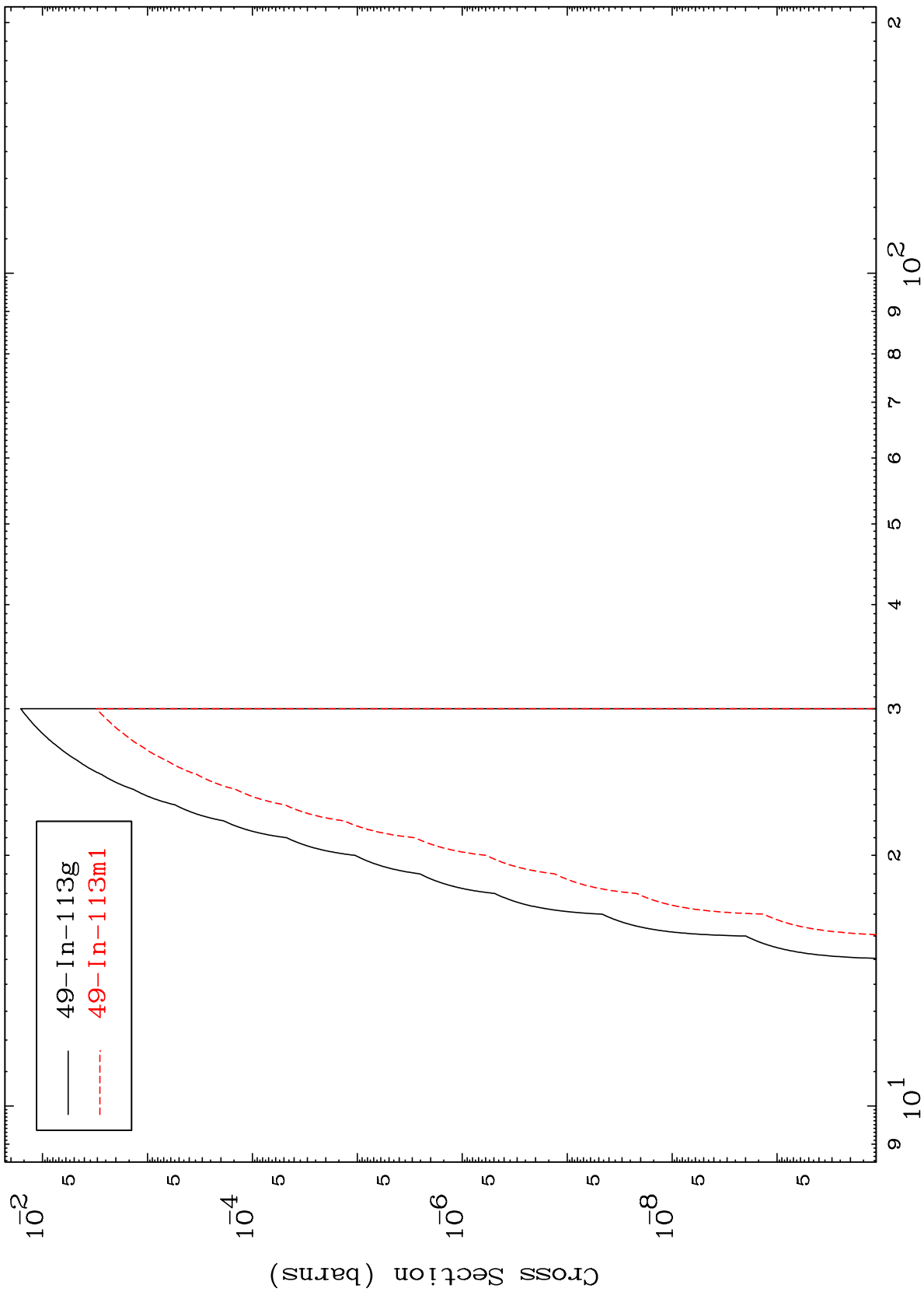


MAT 5117

(n,2n) α

51-Sb-118m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

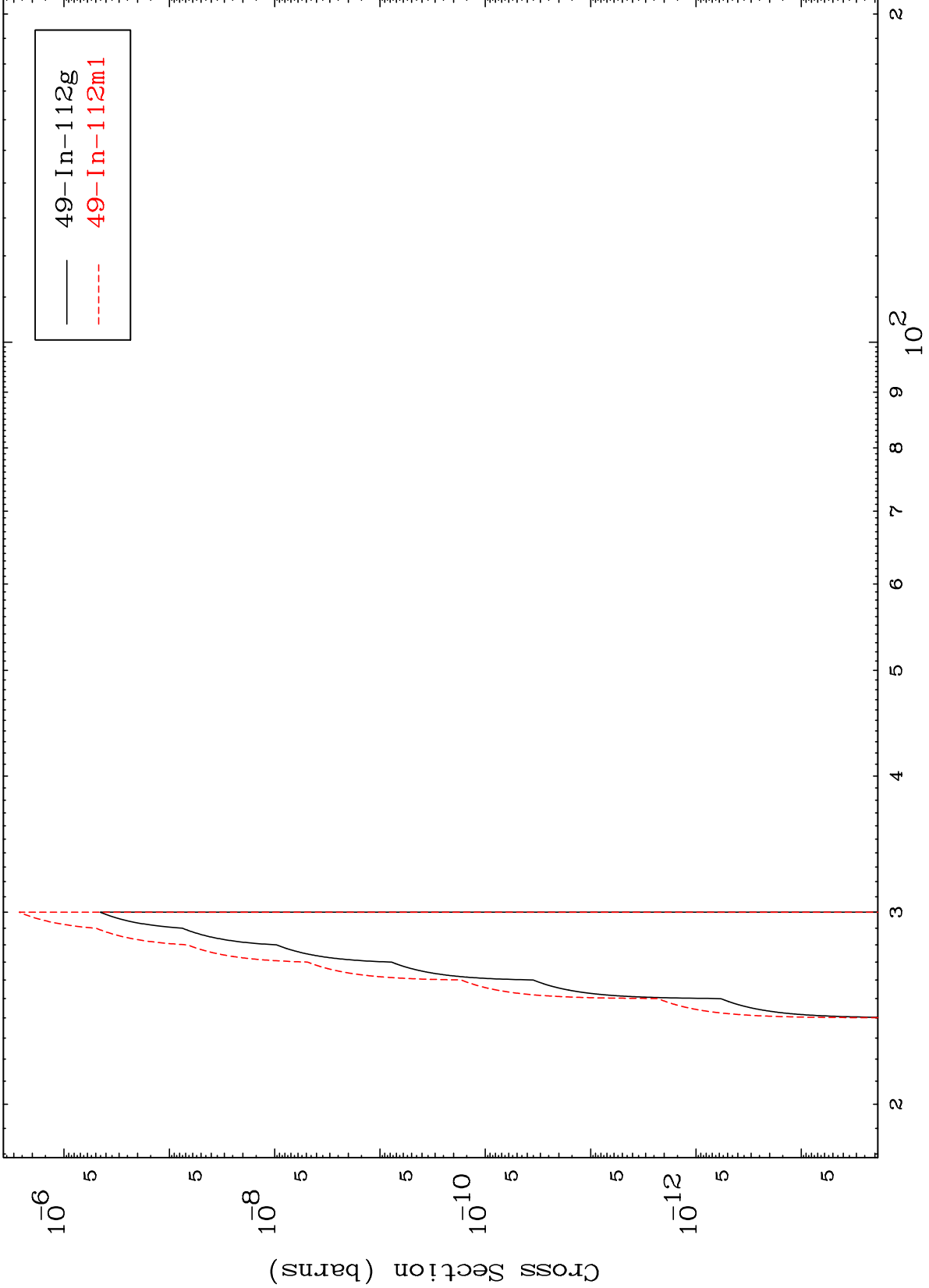
51-Sb-118m

MAT 51117

(n,3n) α

51-Sb-118m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

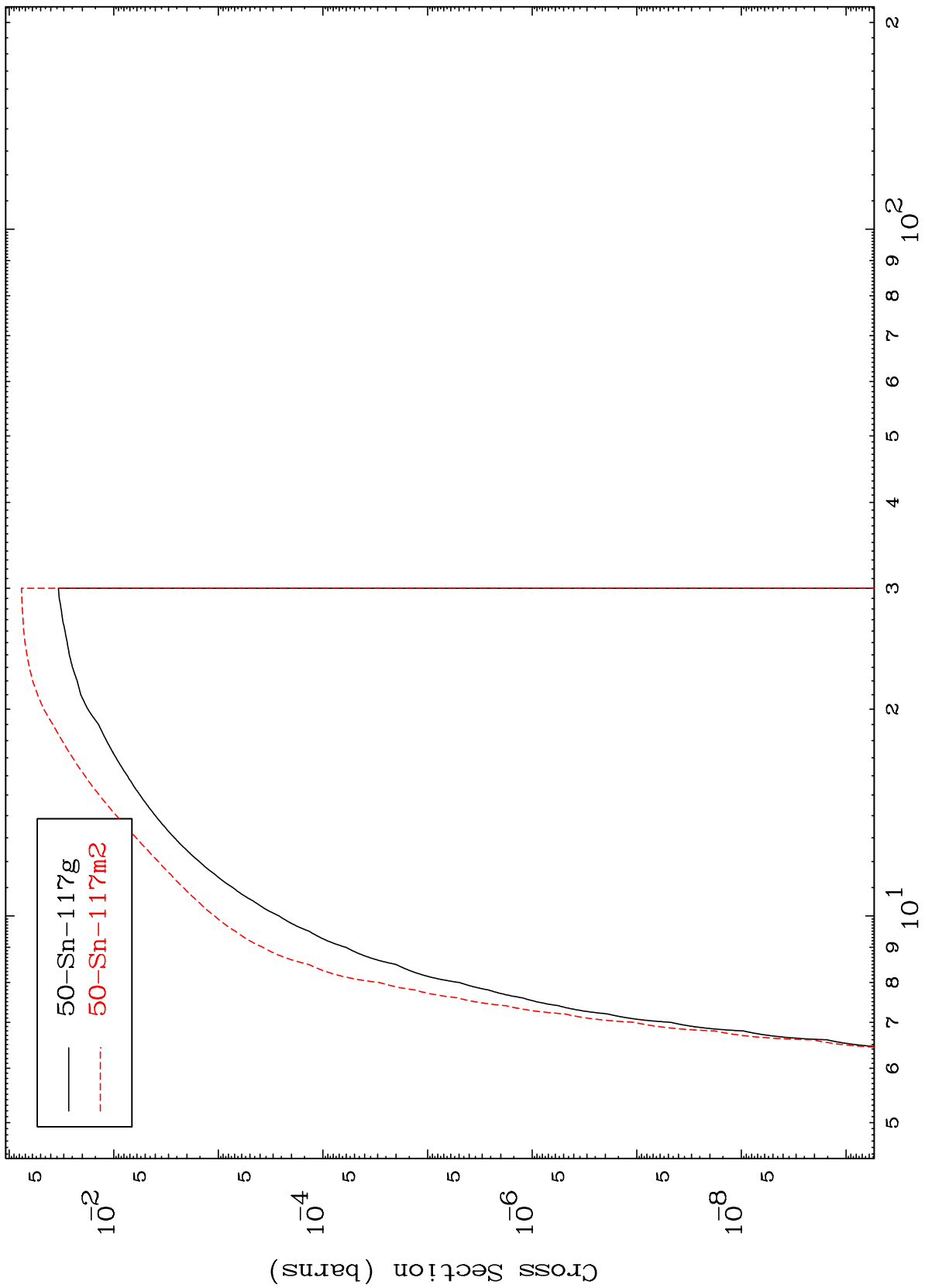
51-Sb-118m

MAT 5117

(n,n') p

51-Sb-118m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

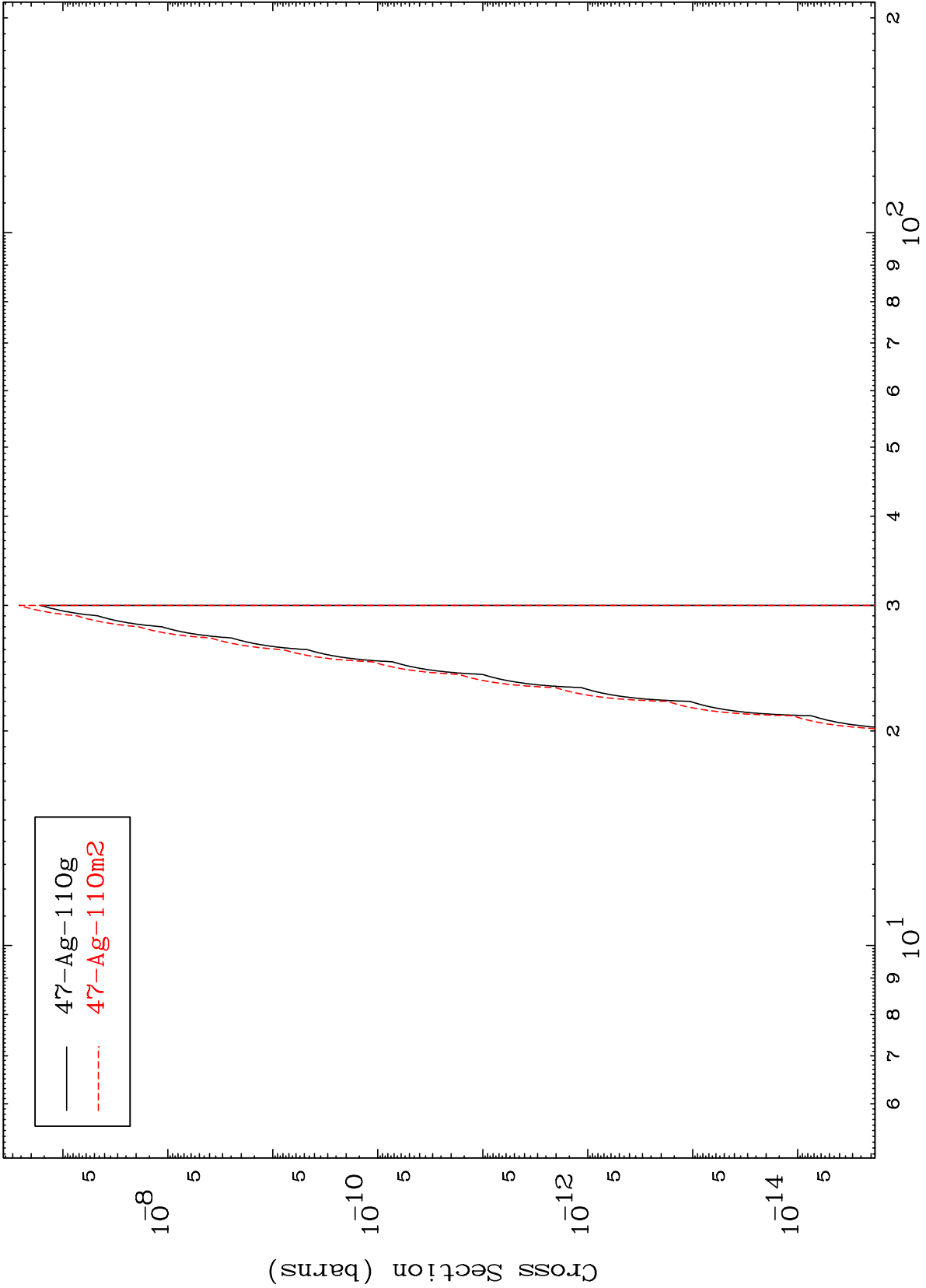
51-Sb-118m

MAT 5117

(n,n') 2α

51-Sb-118m

Radionuclide Production Cross Section



— 47-Ag-110g
- - - 47-Ag-110m2

25

Incident Energy (MeV)

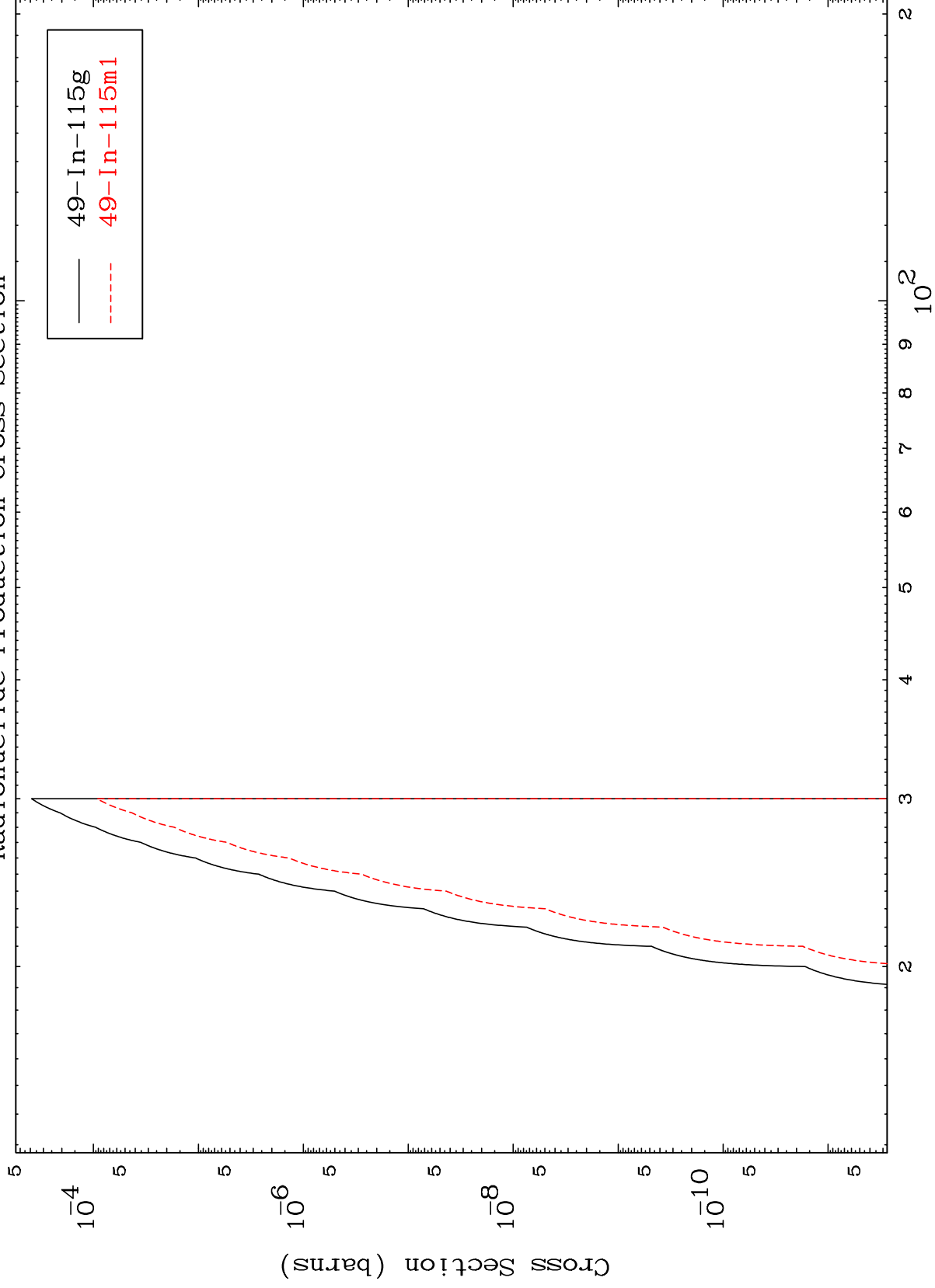
51-Sb-118m

MAT 5117

(n,n') He-3

51-Sb-118m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

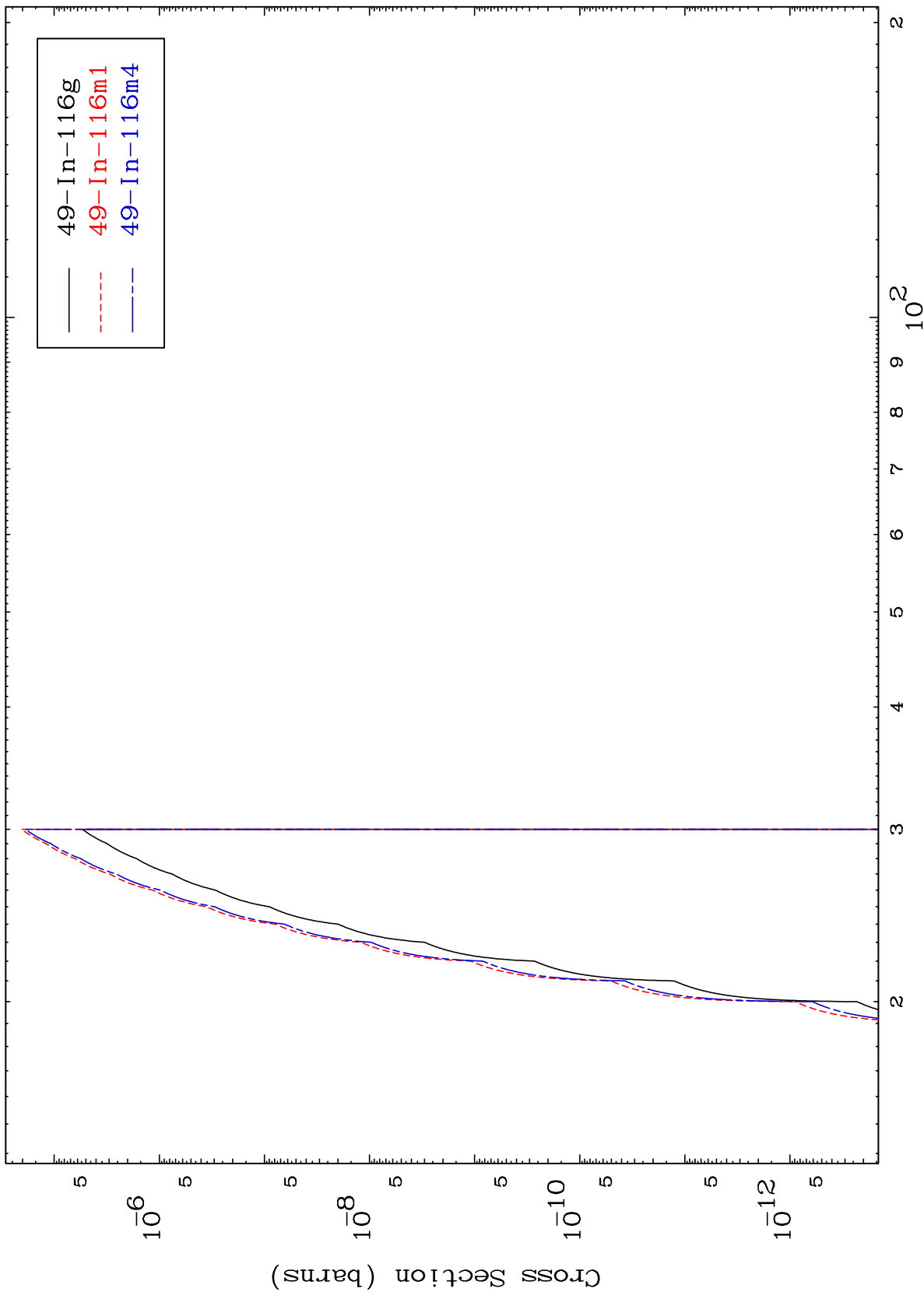
51-Sb-118m

MAT 5117

(n,2n) p

51-Sb-118m

Radionuclide Production Cross Section

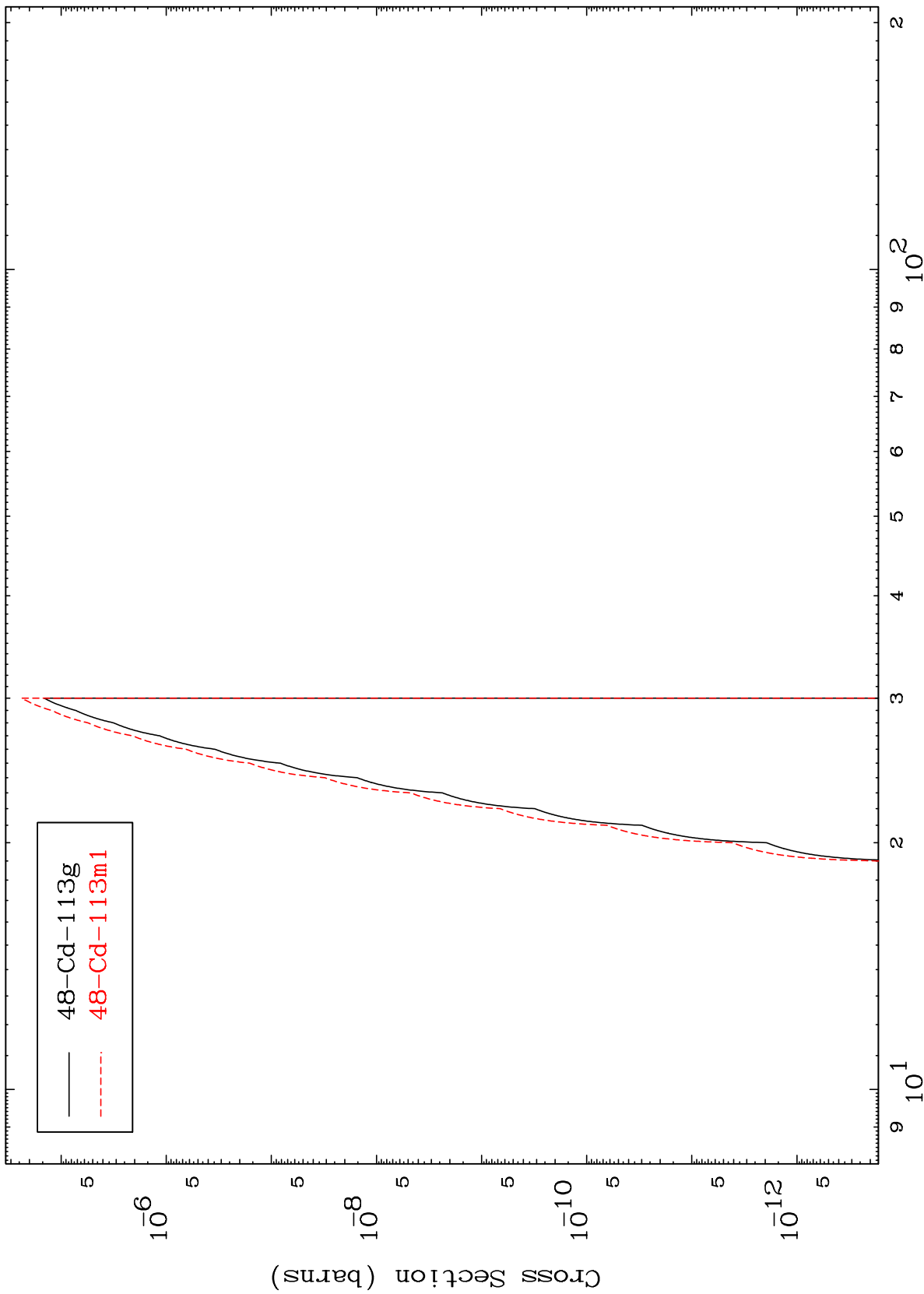


MAT 5117

(n,n') p α

51-Sb-118m

Radionuclide Production Cross Section



48-Cd-113g
48-Cd-113m1

28

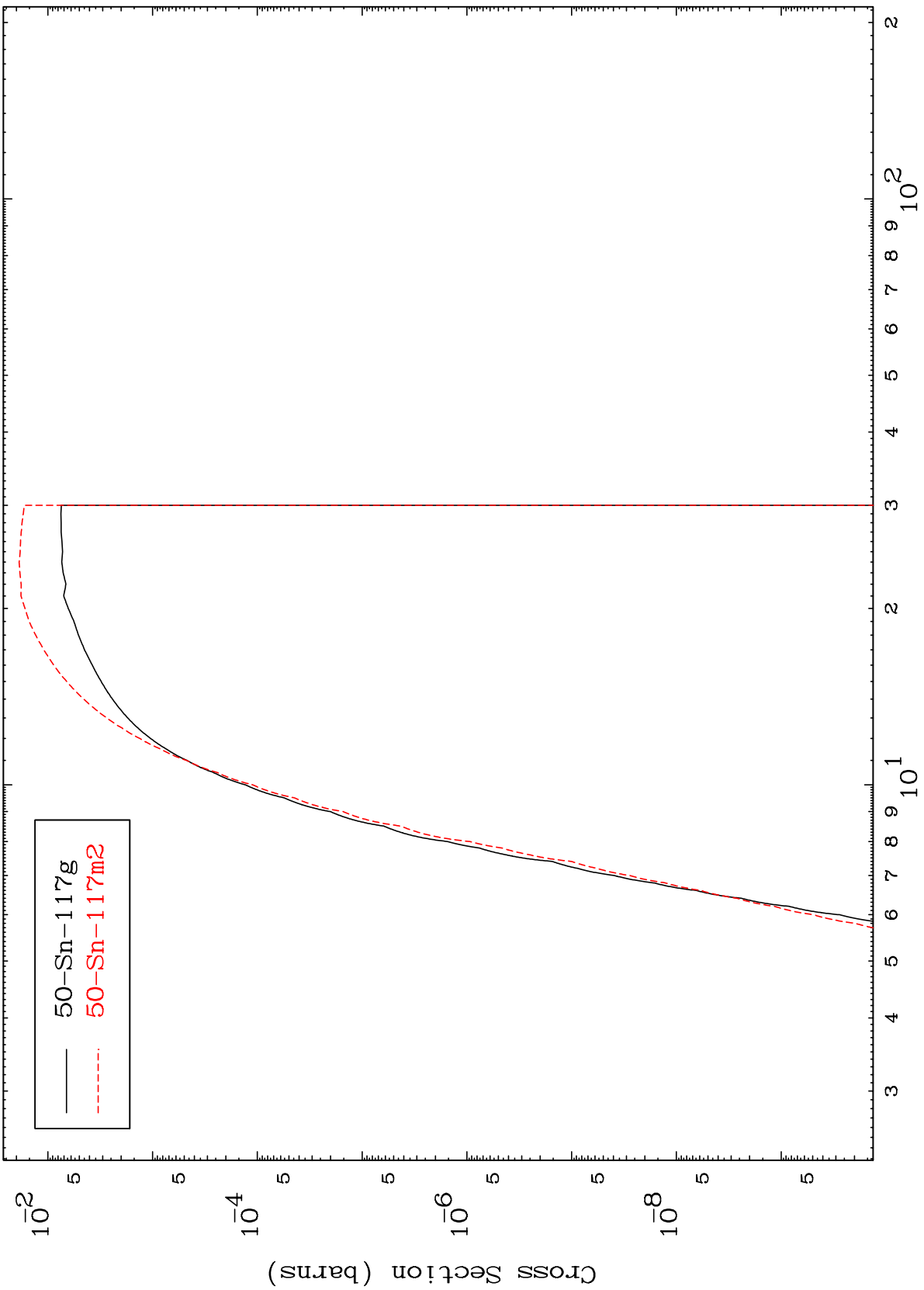
Incident Energy (MeV)

51-Sb-118m

MAT 5117

51-Sb-118m

(n,d)
Radionuclide Production Cross Section

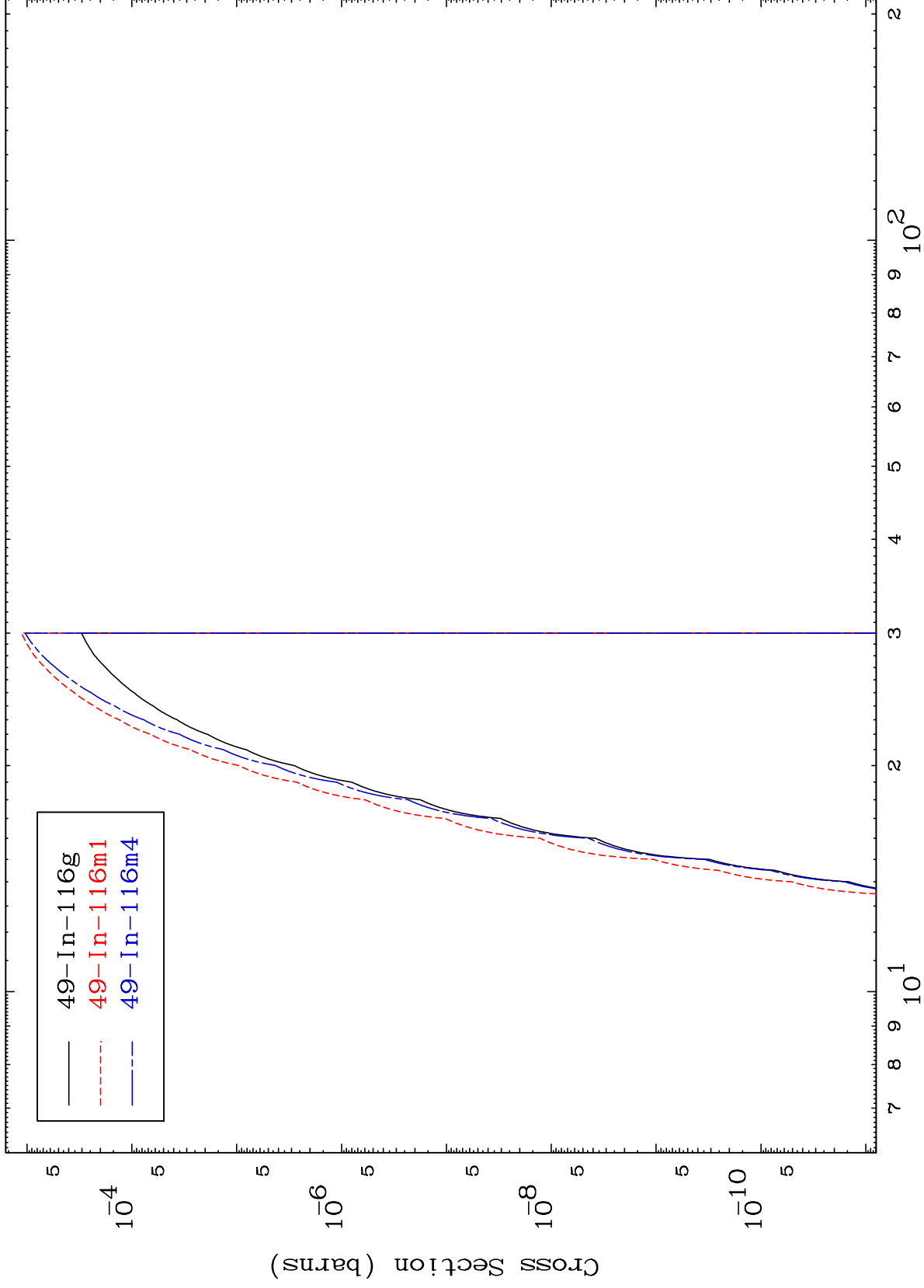


MAT 5117

(n,He-3)

51-Sb-118m

Radionuclide Production Cross Section



30

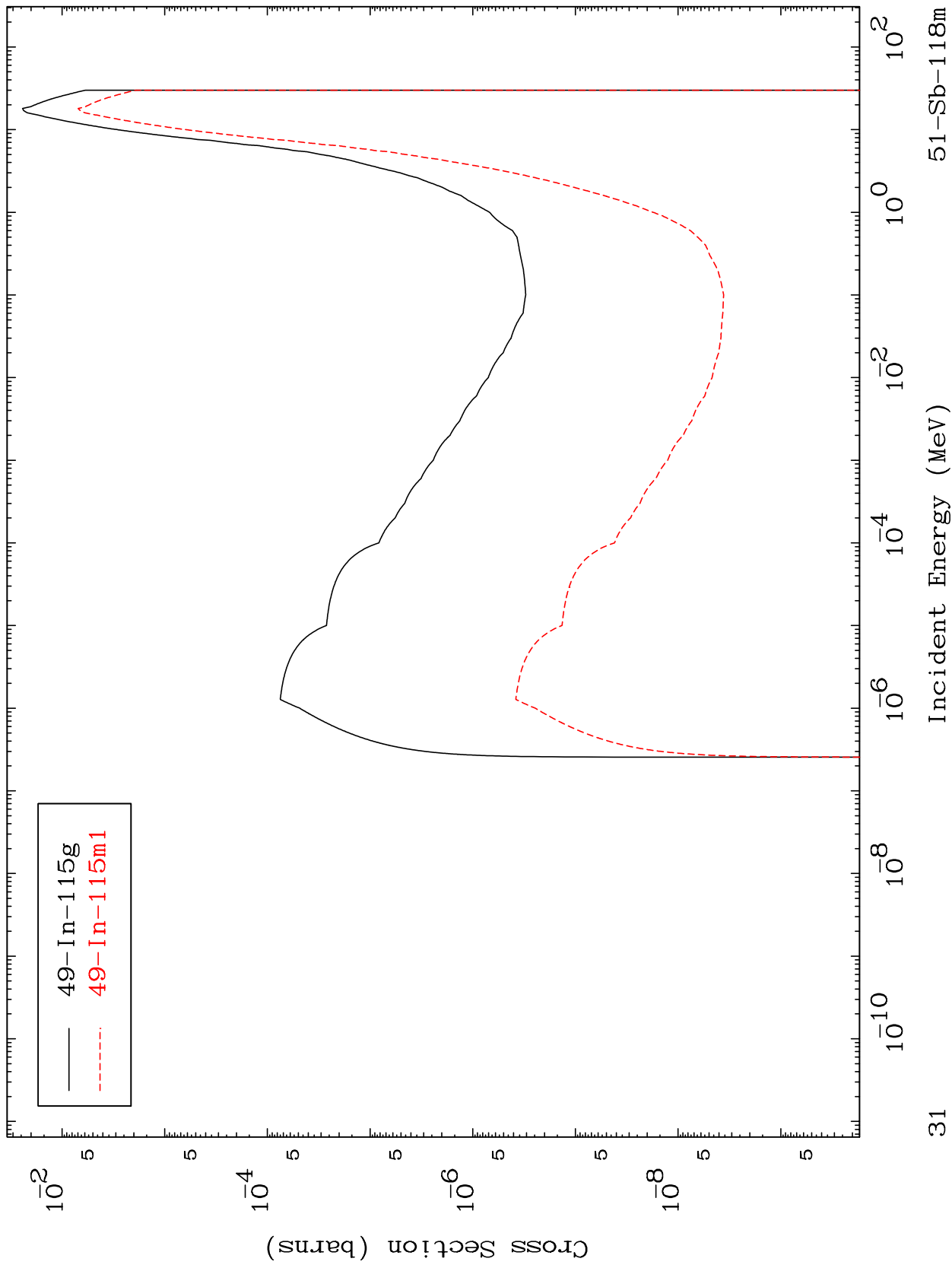
Incident Energy (MeV)

51-Sb-118m

MAT 5117

51-Sb-118m

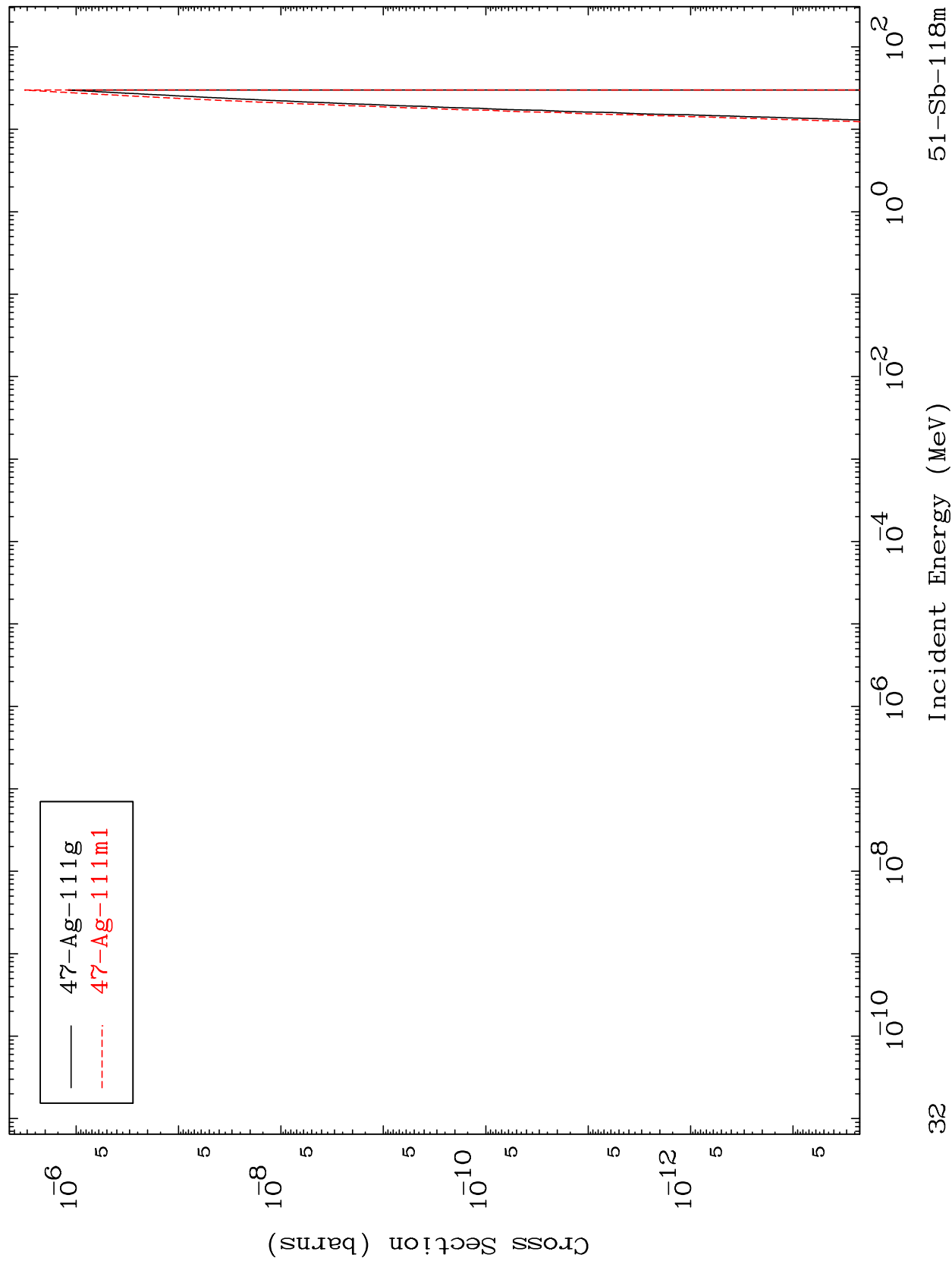
(n, α)
Radionuclide Production Cross Section



MAT 5117

51-Sb-118m

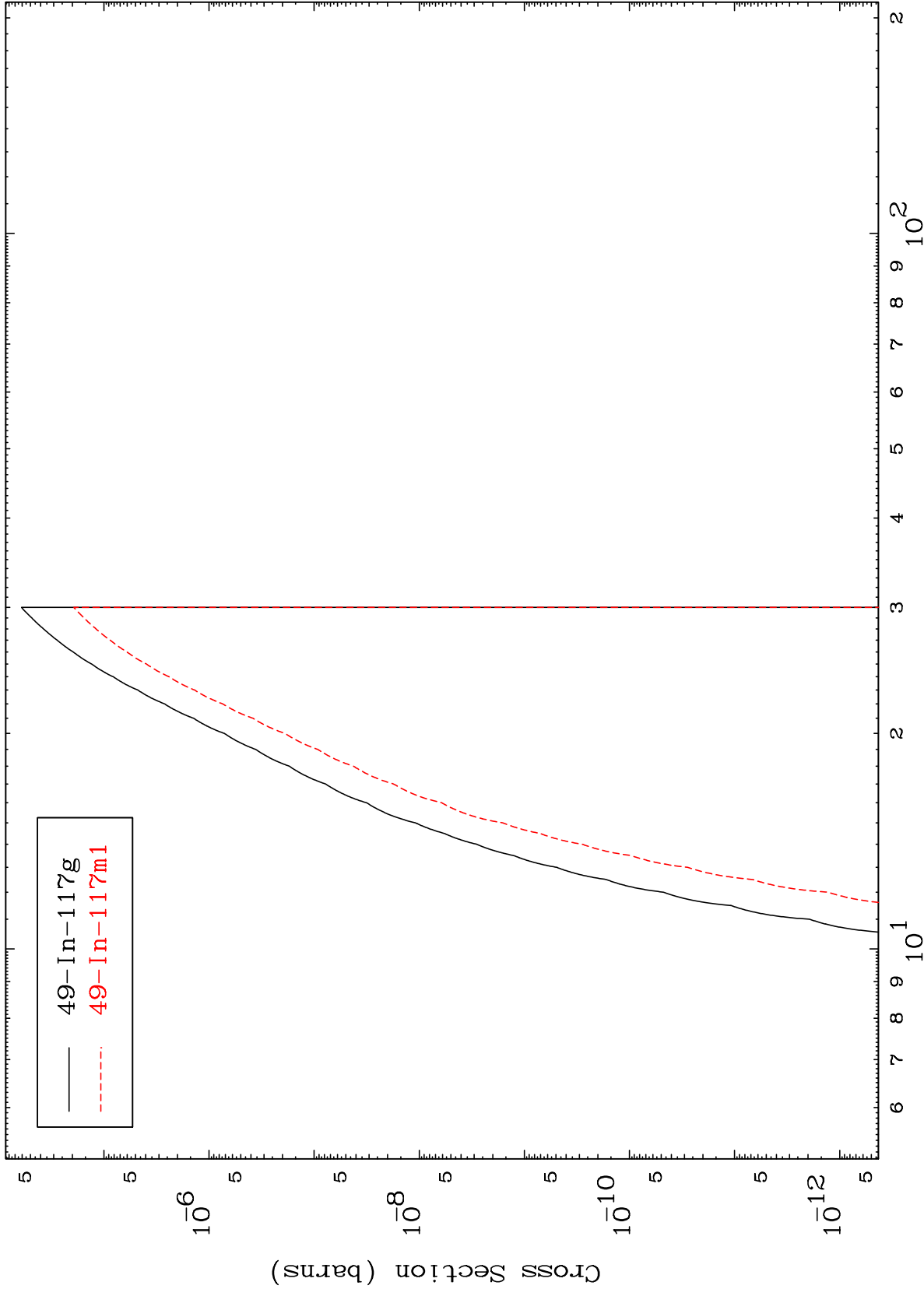
(n,2α)
Radionuclide Production Cross Section



MAT 5117

51-Sb-118m

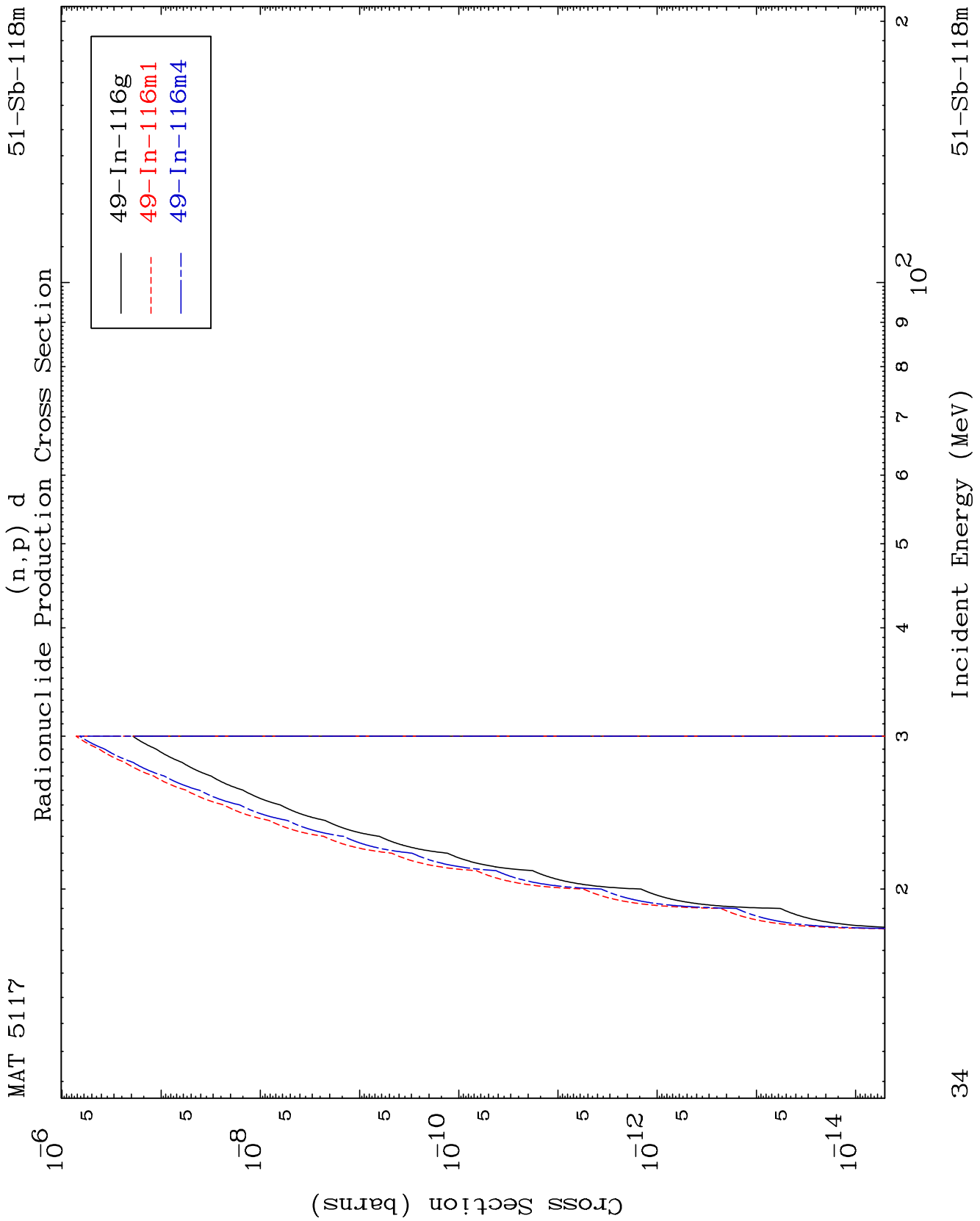
(n,2p)
Radionuclide Production Cross Section

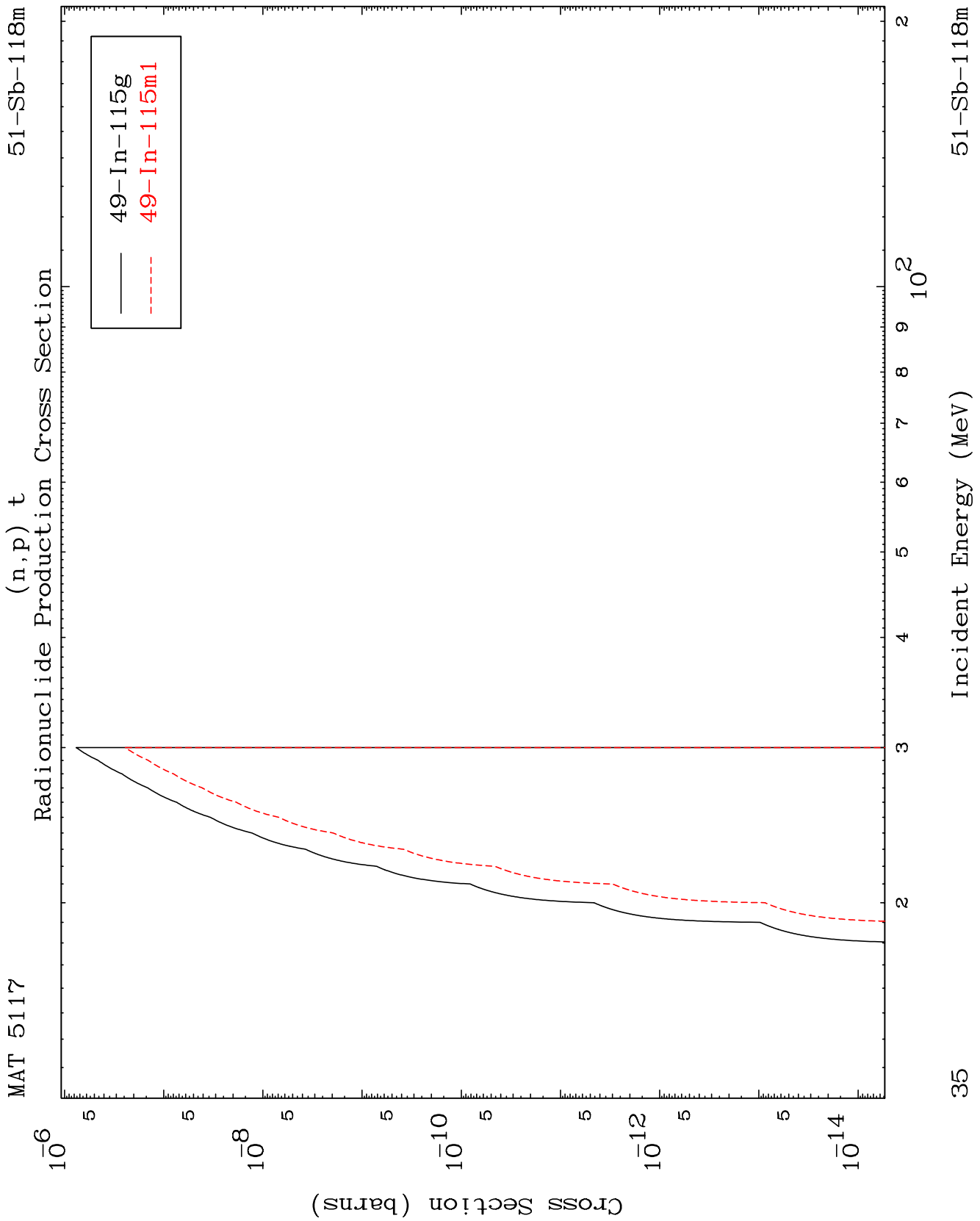


33

51-Sb-118m

Incident Energy (MeV)



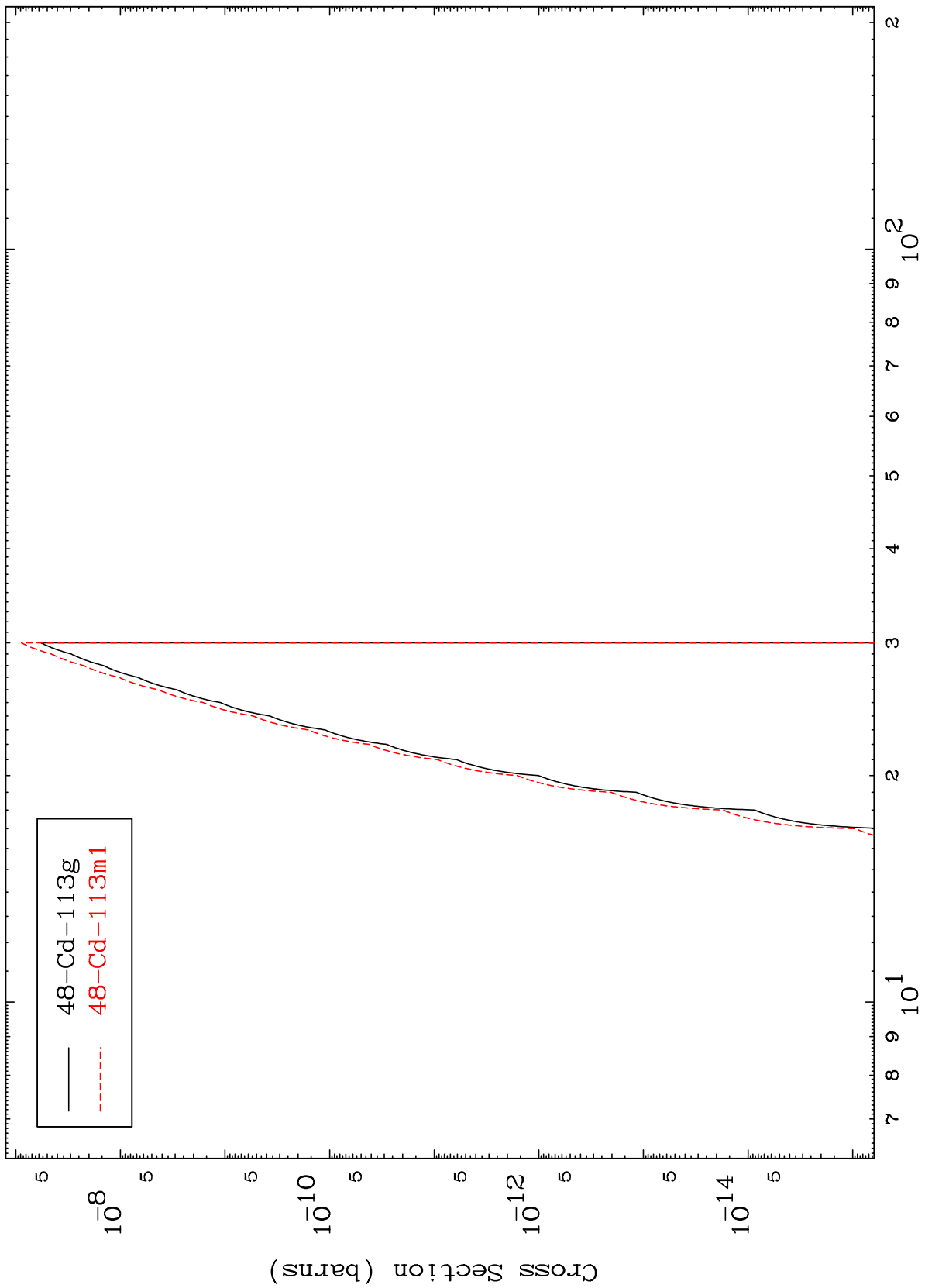


MAT 5117

51-Sb-118m

(n,d) α

Radionuclide Production Cross Section



36

51-Sb-118m

Incident Energy (MeV)