

Program EVALPLOT
(Version 2021-1)

by

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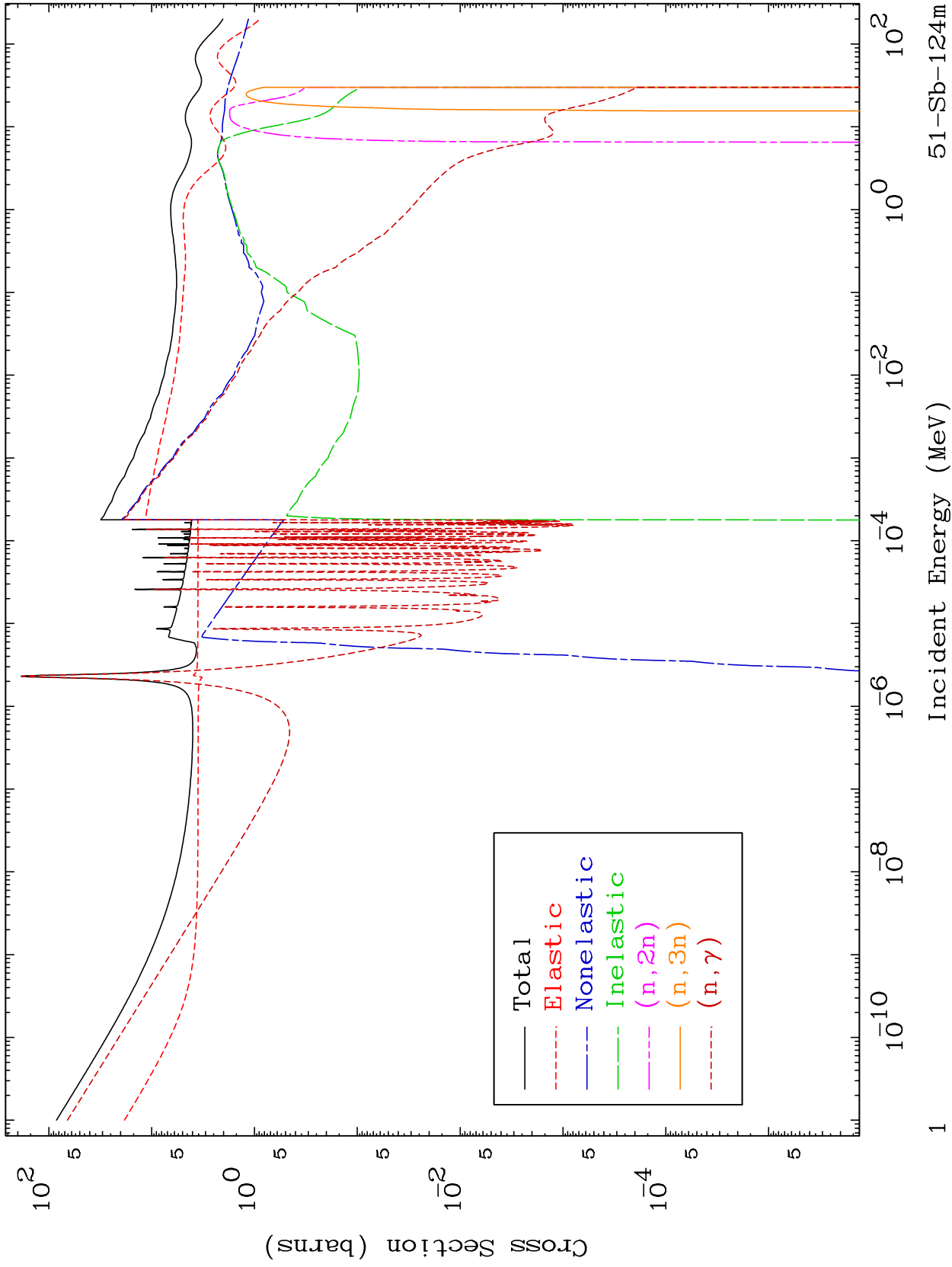
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5135

Neutron Major
293 Kelvin Cross Sections

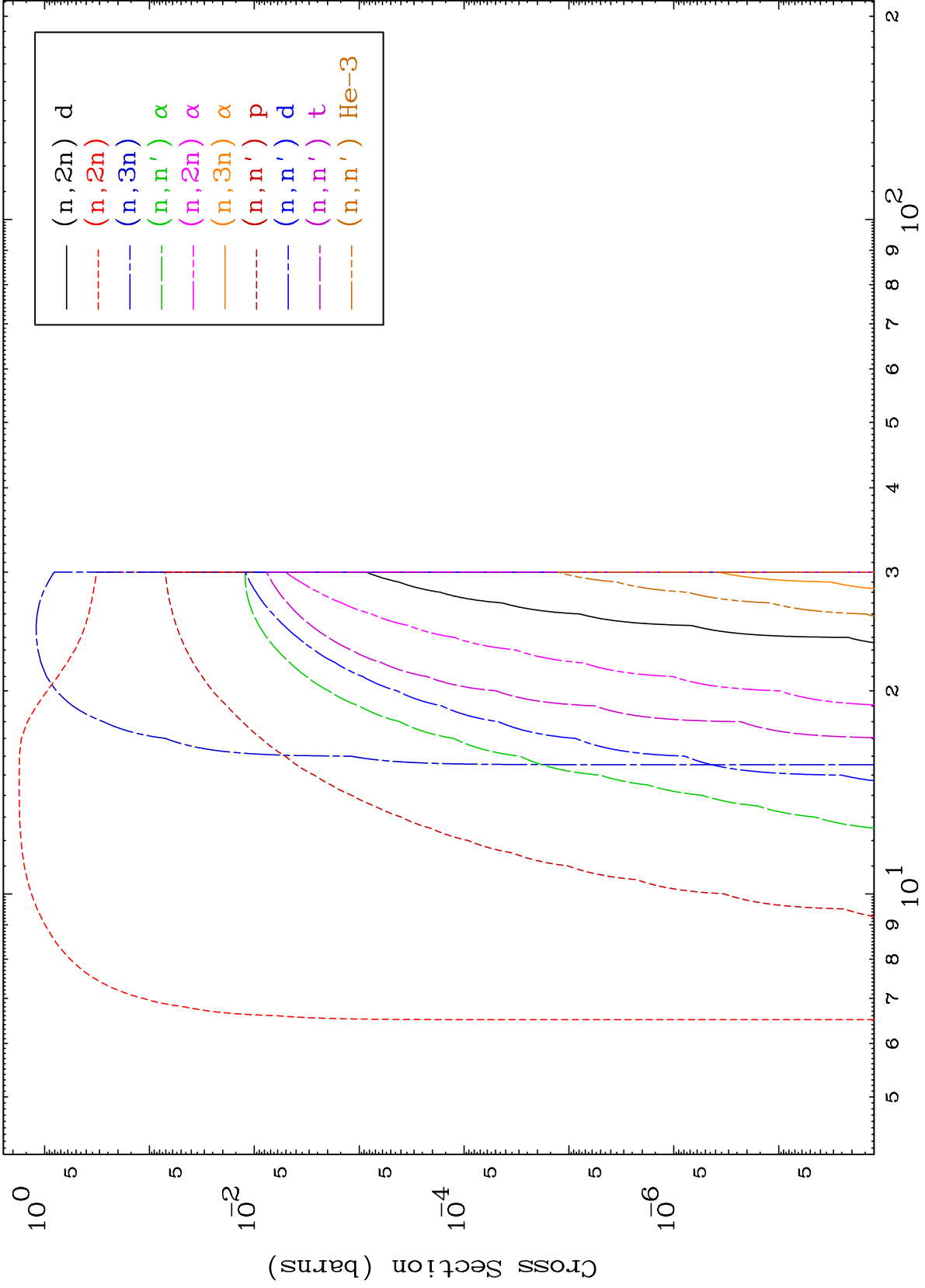
51-Sb-124m



MAT 5135

Neutron Absorption
293 Kelvin Cross Sections

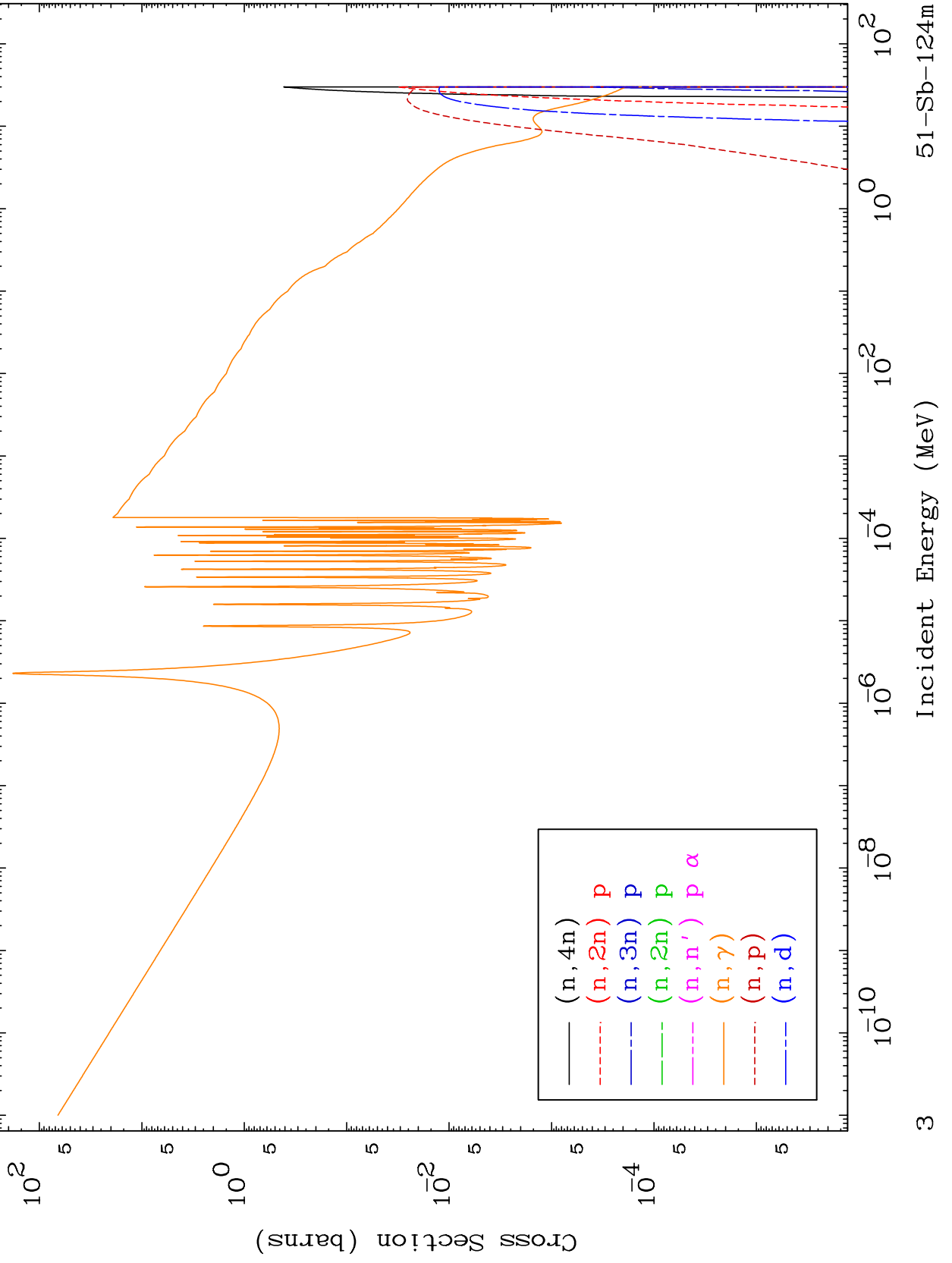
51-Sb-124m



MAT 5135

Neutron Absorption
293 Kelvin Cross Sections

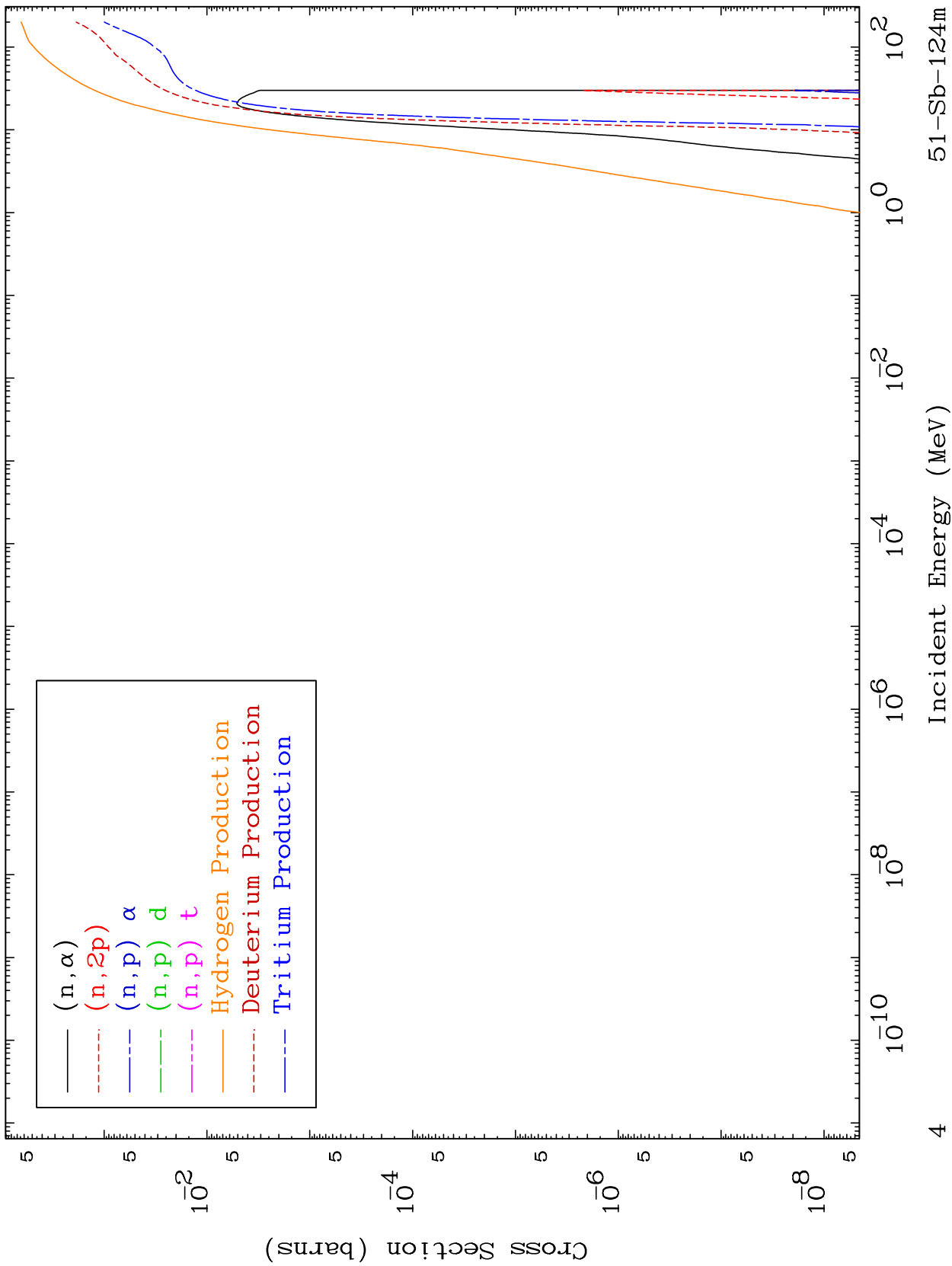
51-Sb-124m



MAT 5135

Neutron Absorption
293 Kelvin Cross Sections

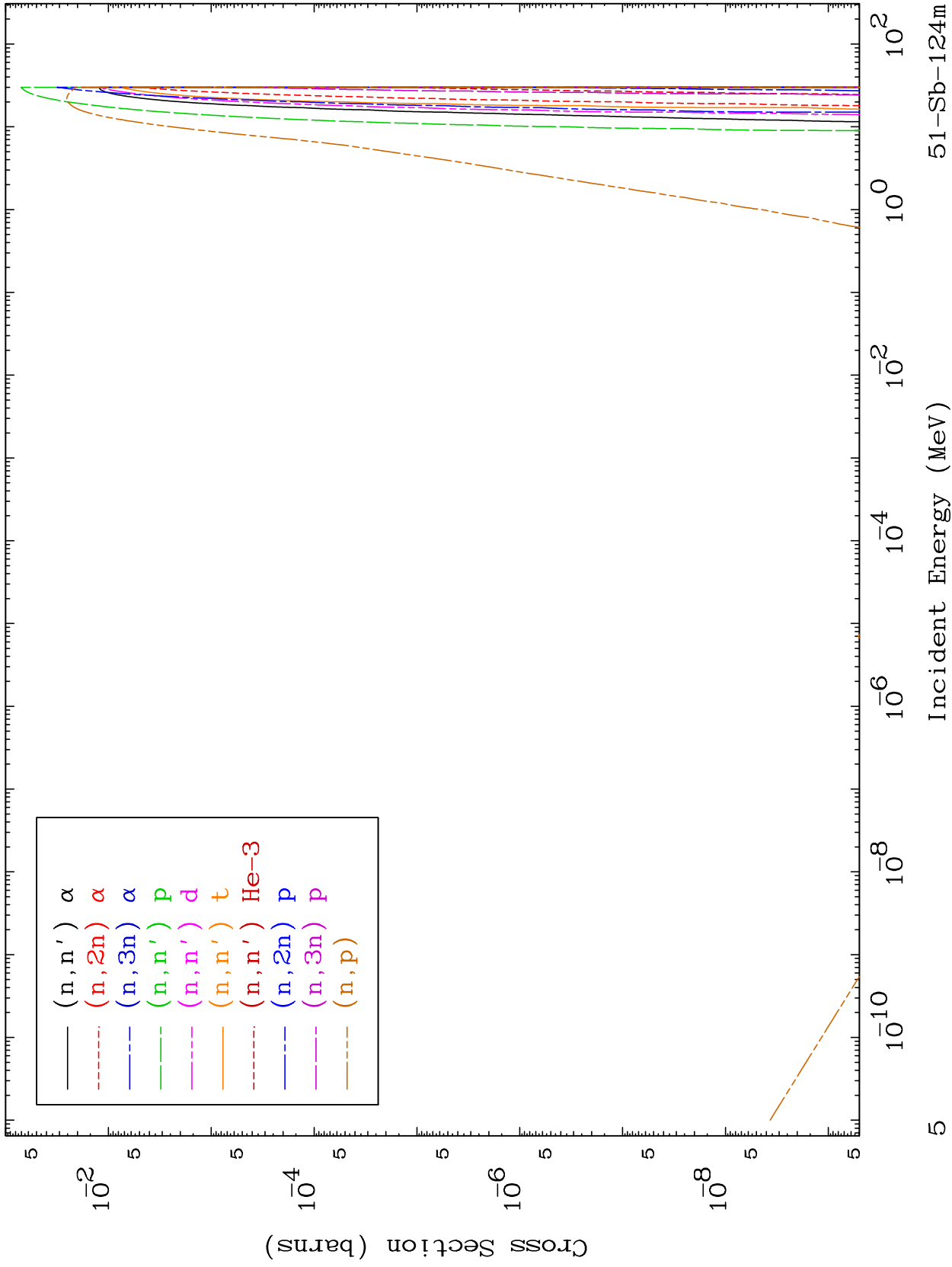
51-Sb-124m



MAT 5135

Charged Particle
293 Kelvin Cross Sections

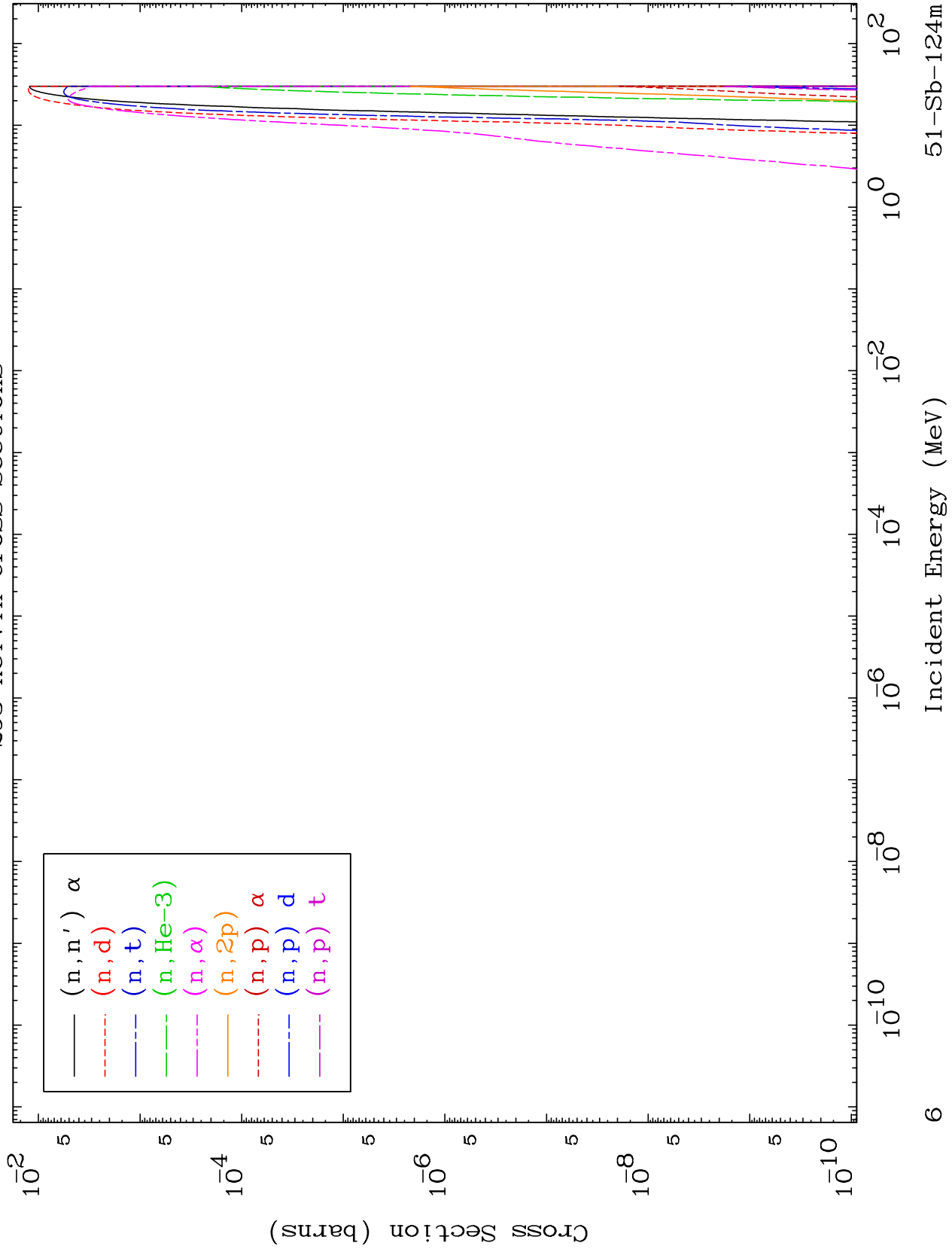
51-Sb-124m



MAT 5135

Charged Particle
293 Kelvin Cross Sections

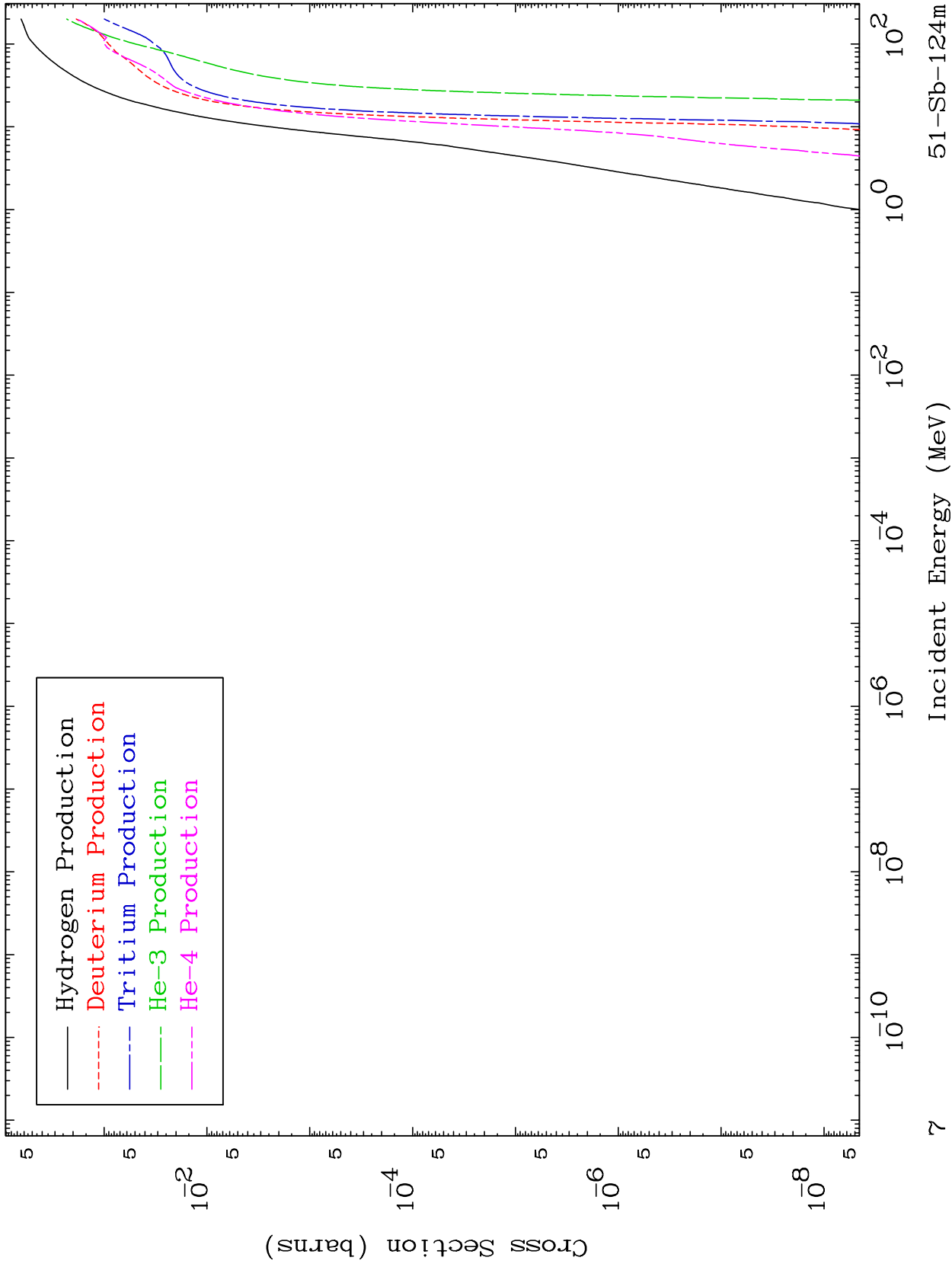
51-Sb-124m



MAT 5135

Particle Production
293 Kelvin Cross Sections

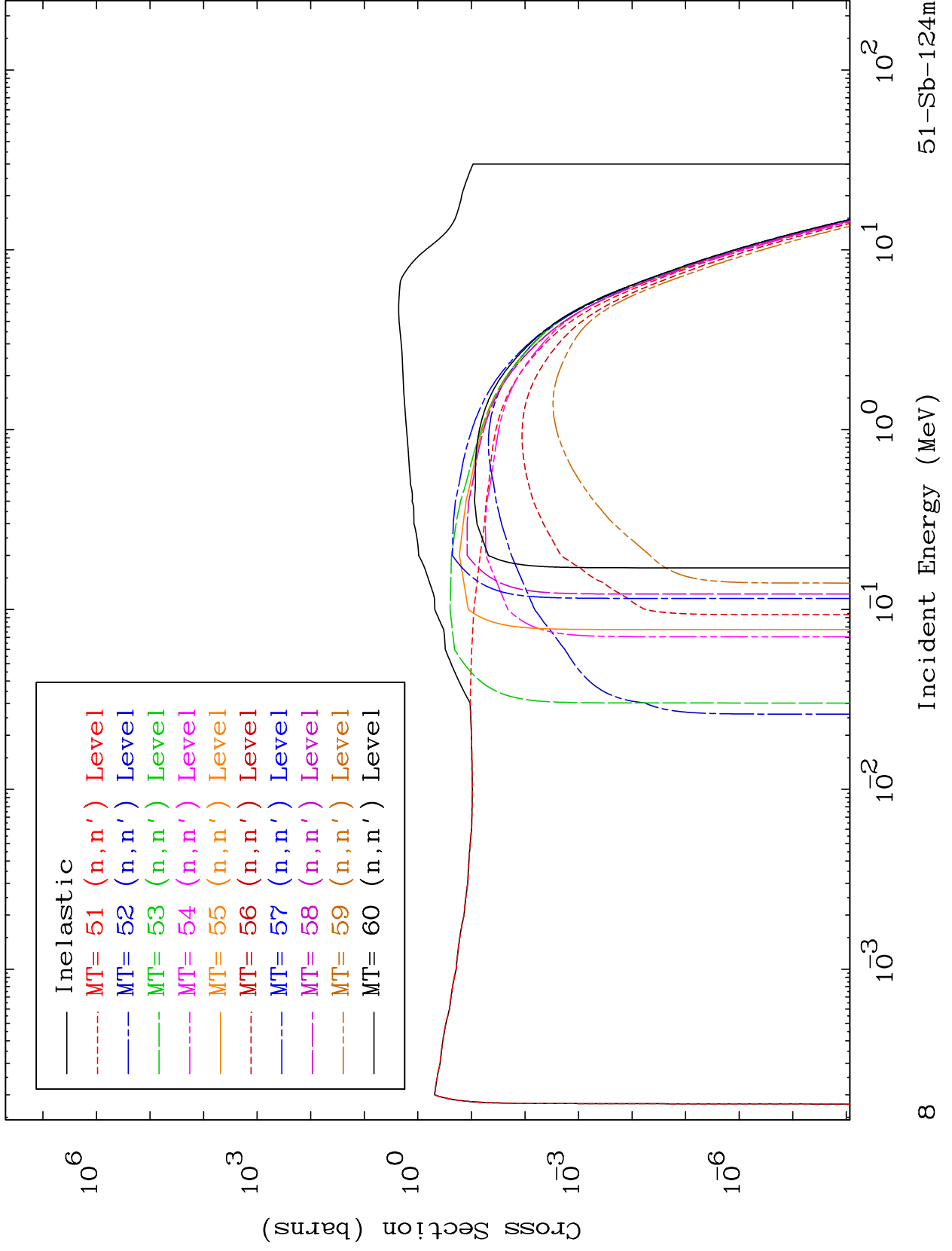
51-Sb-124m



MAT 5135

(n,n') Levels
293 Kelvin Cross Sections

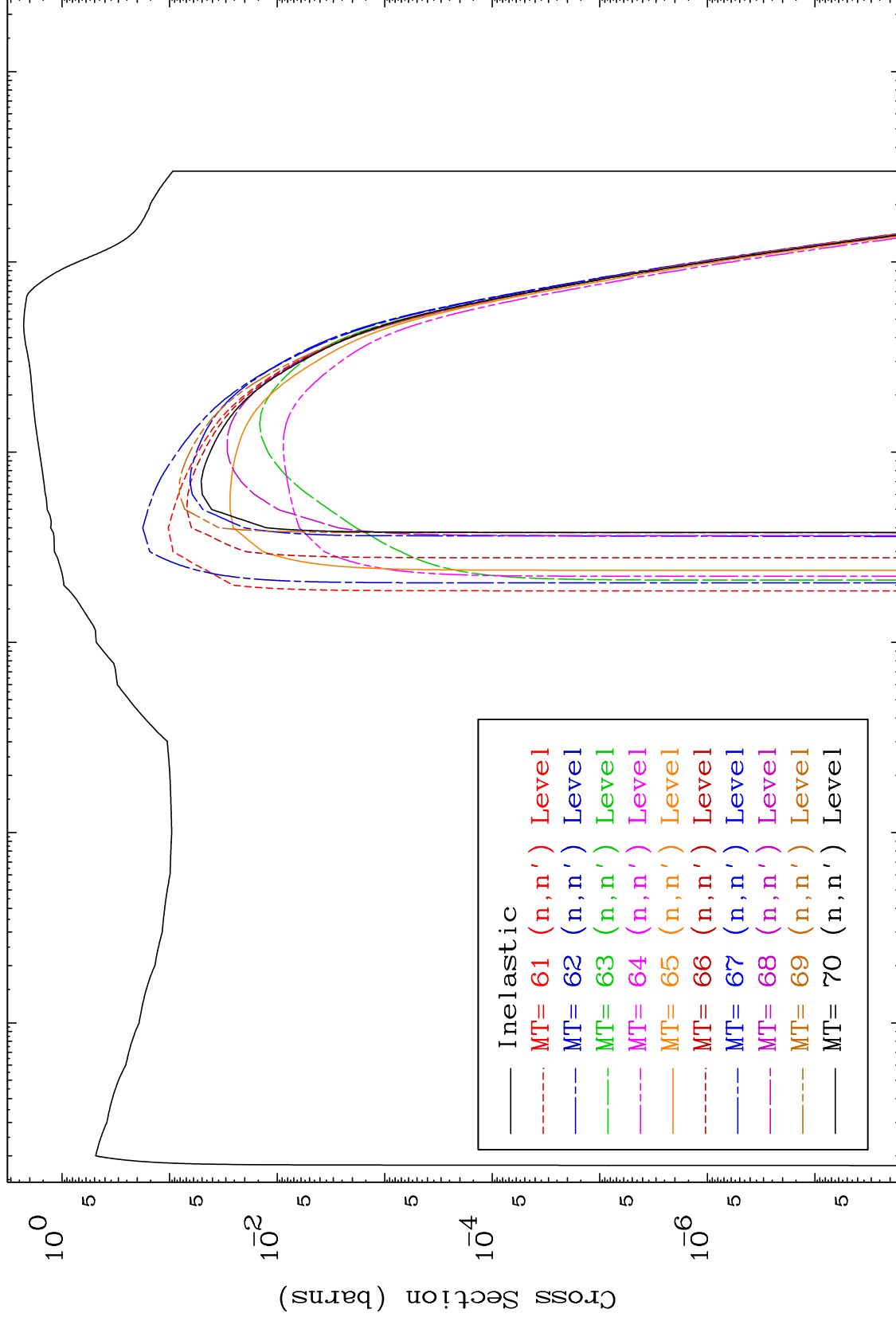
51-Sb-124m



MAT 5135

(n,n') Levels
293 Kelvin Cross Sections

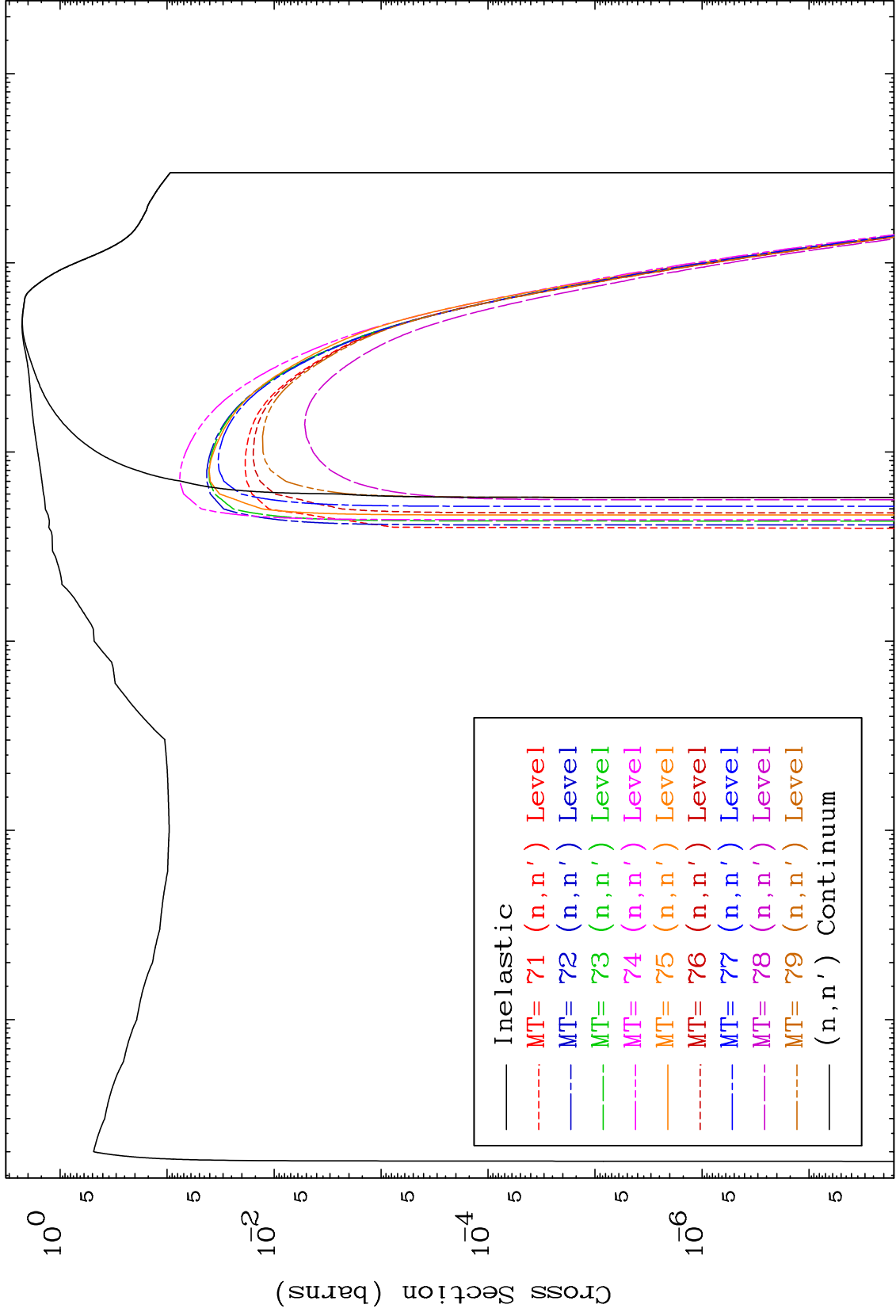
51-Sb-124m



MAT 5135

(n,n') Levels
293 Kelvin Cross Sections

51-Sb-124m



10

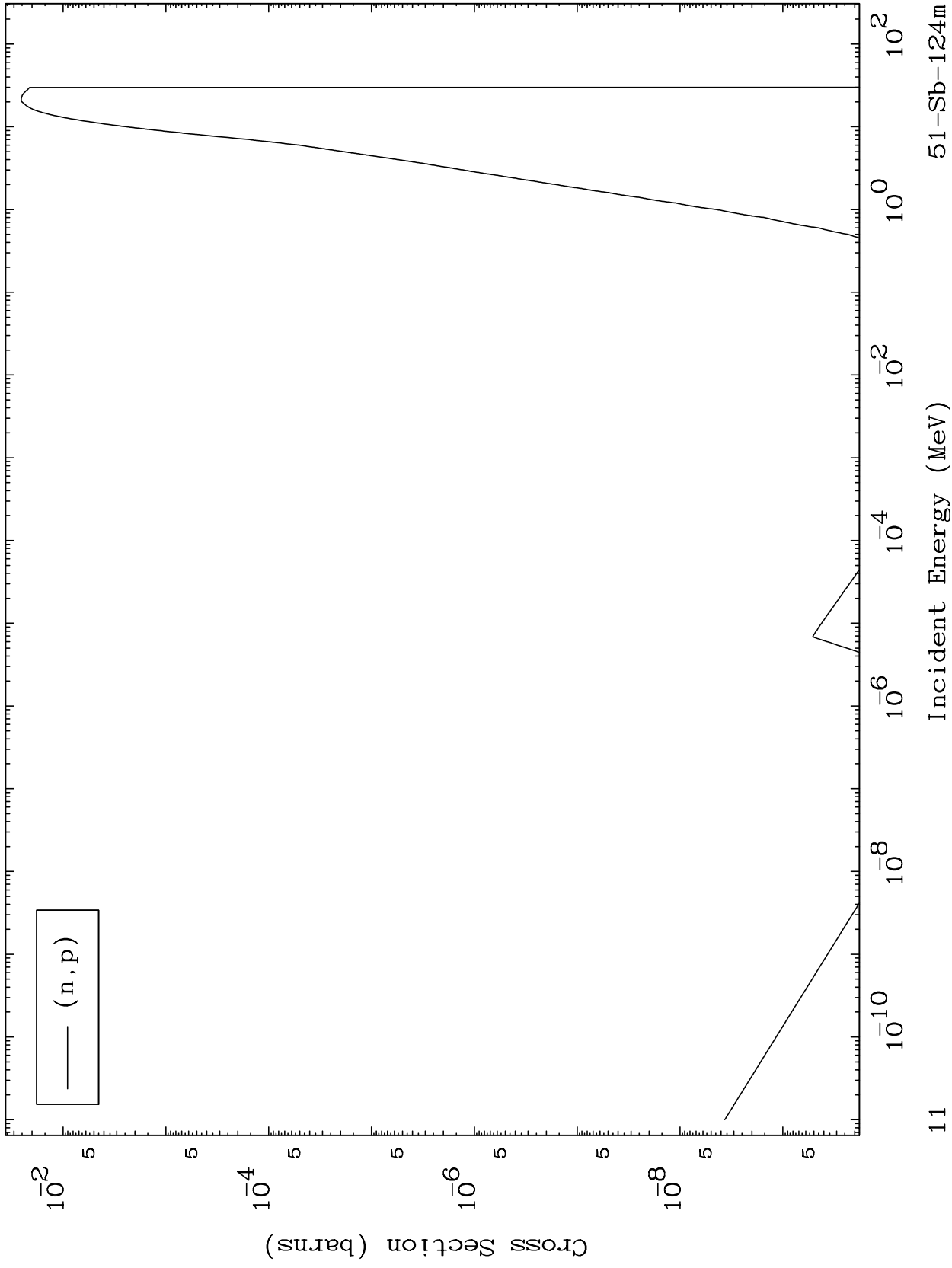
Incident Energy (MeV)

51-Sb-124m

MAT 5135

(n,p) Levels
293 Kelvin Cross Sections

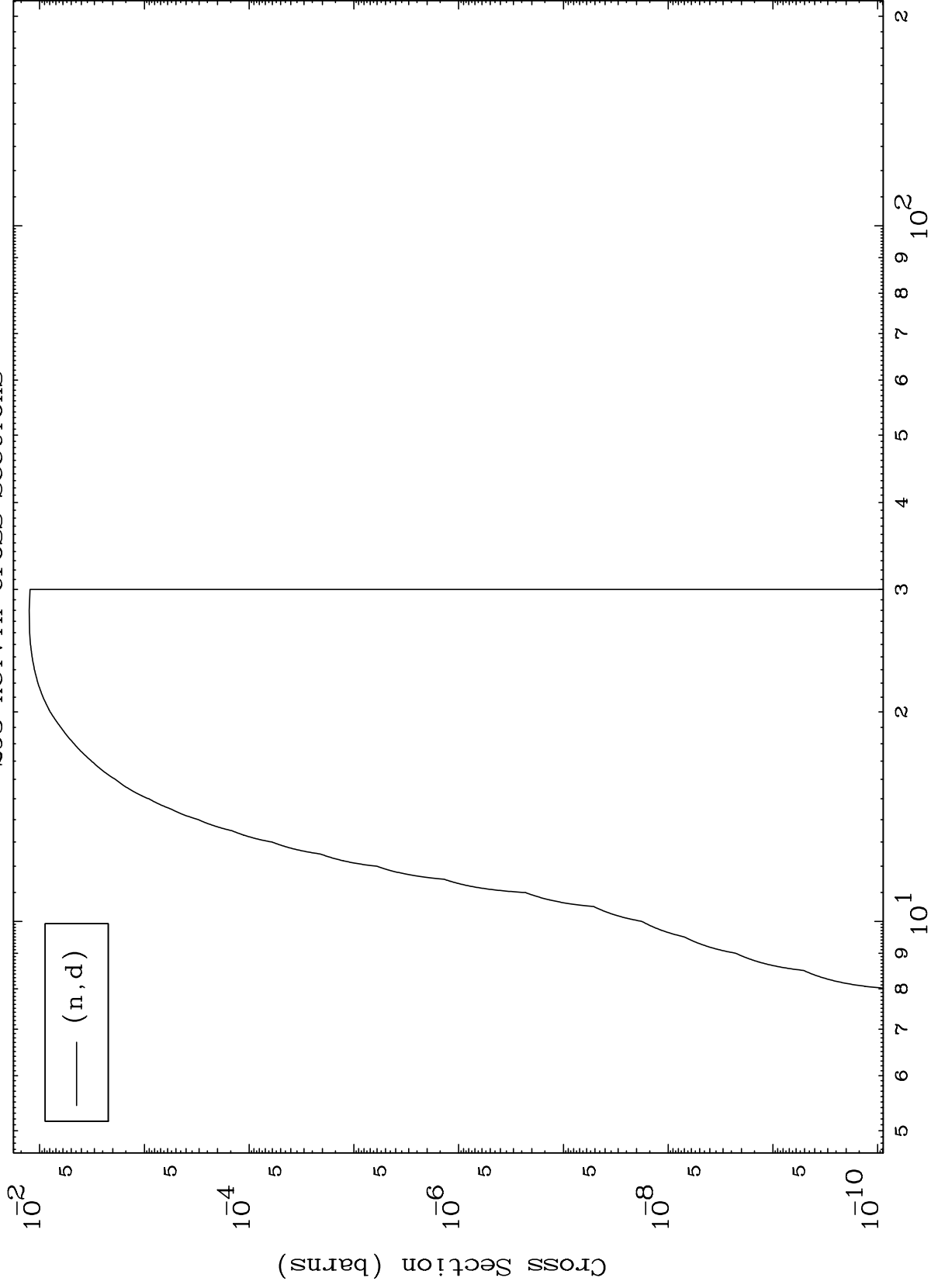
51-Sb-124m



MAT 5135

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-124m



12

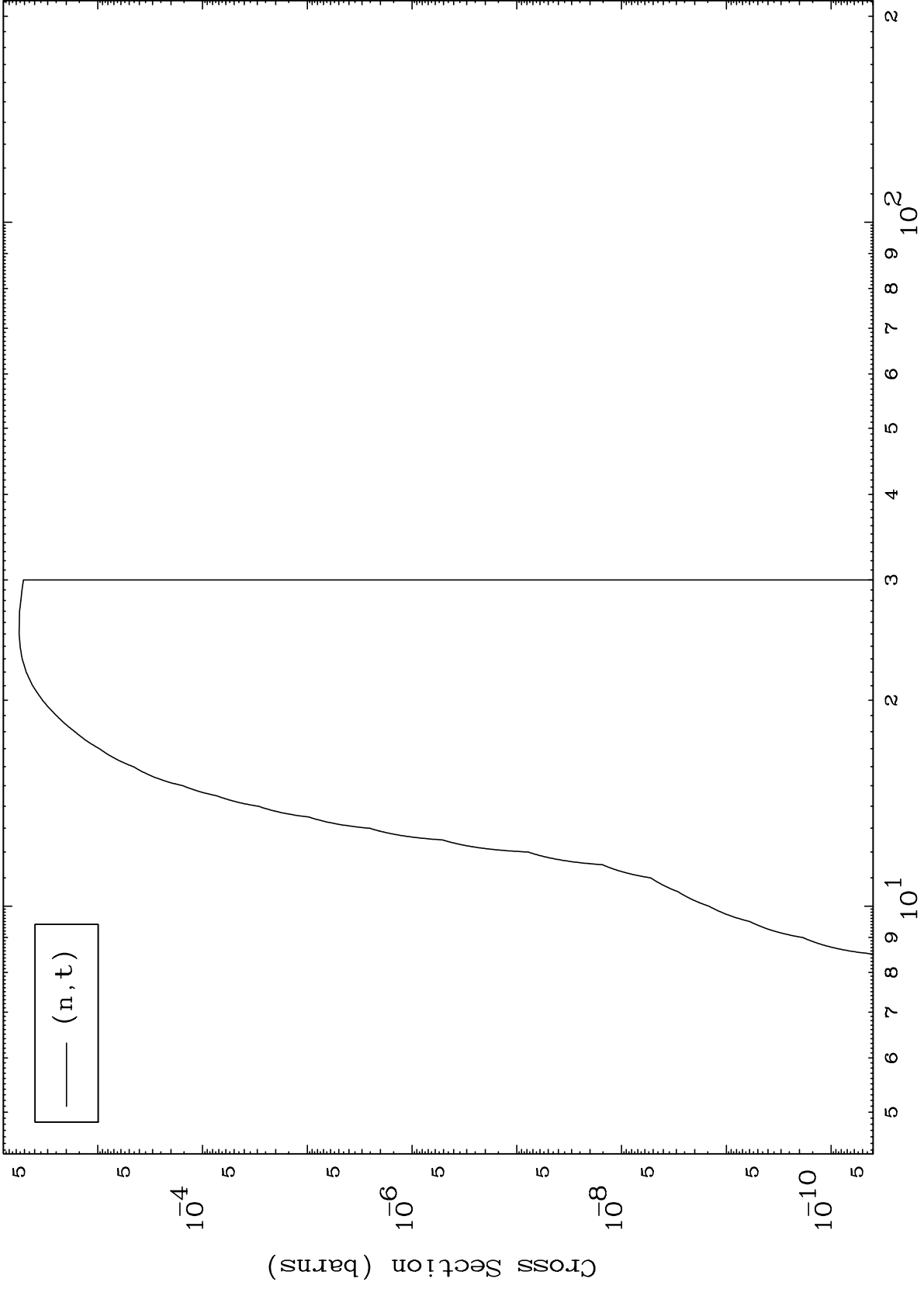
Incident Energy (MeV)

51-Sb-124m

MAT 5135

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-124m



13

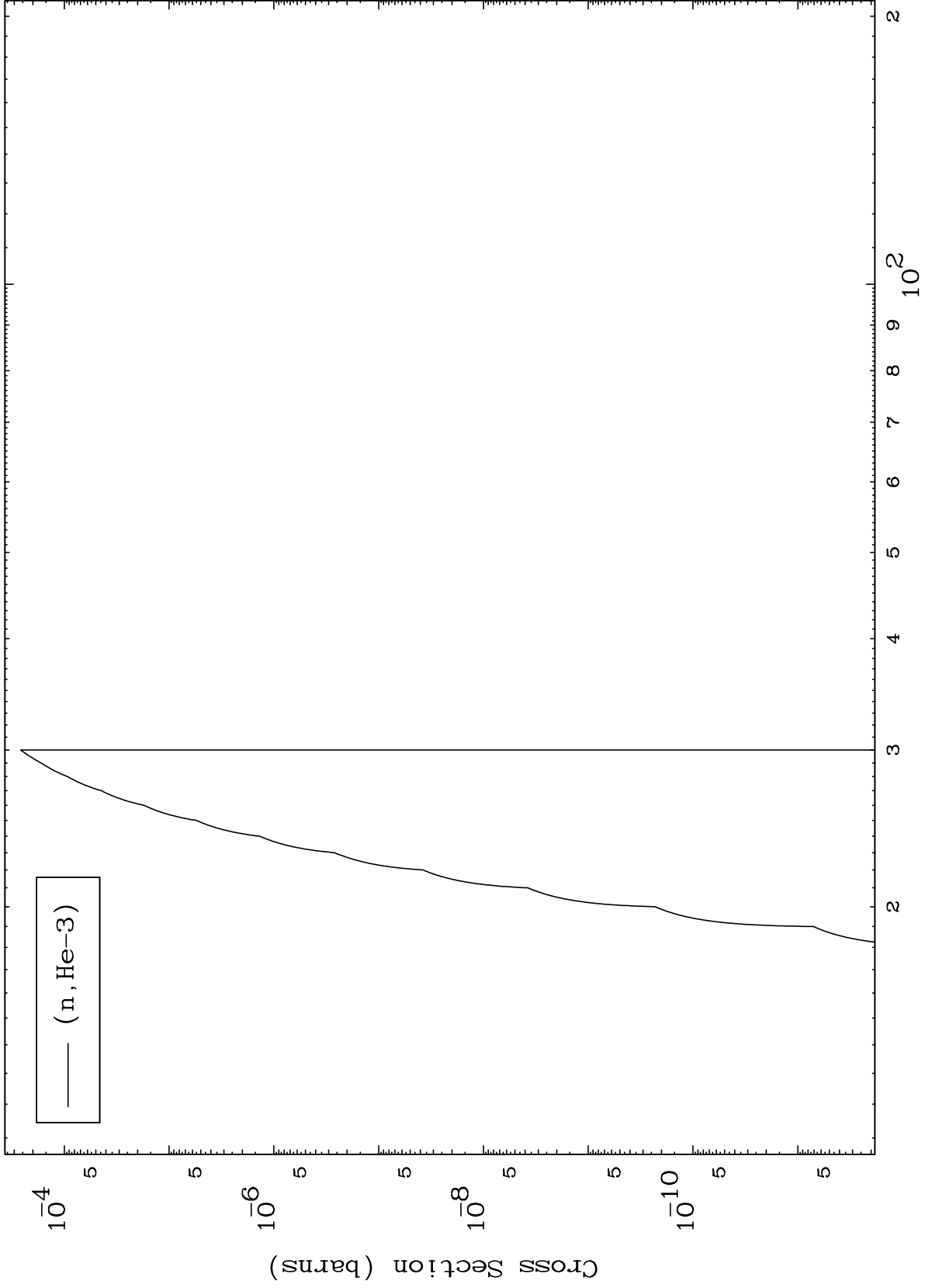
Incident Energy (MeV)

51-Sb-124m

MAT 5135

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-124m



14

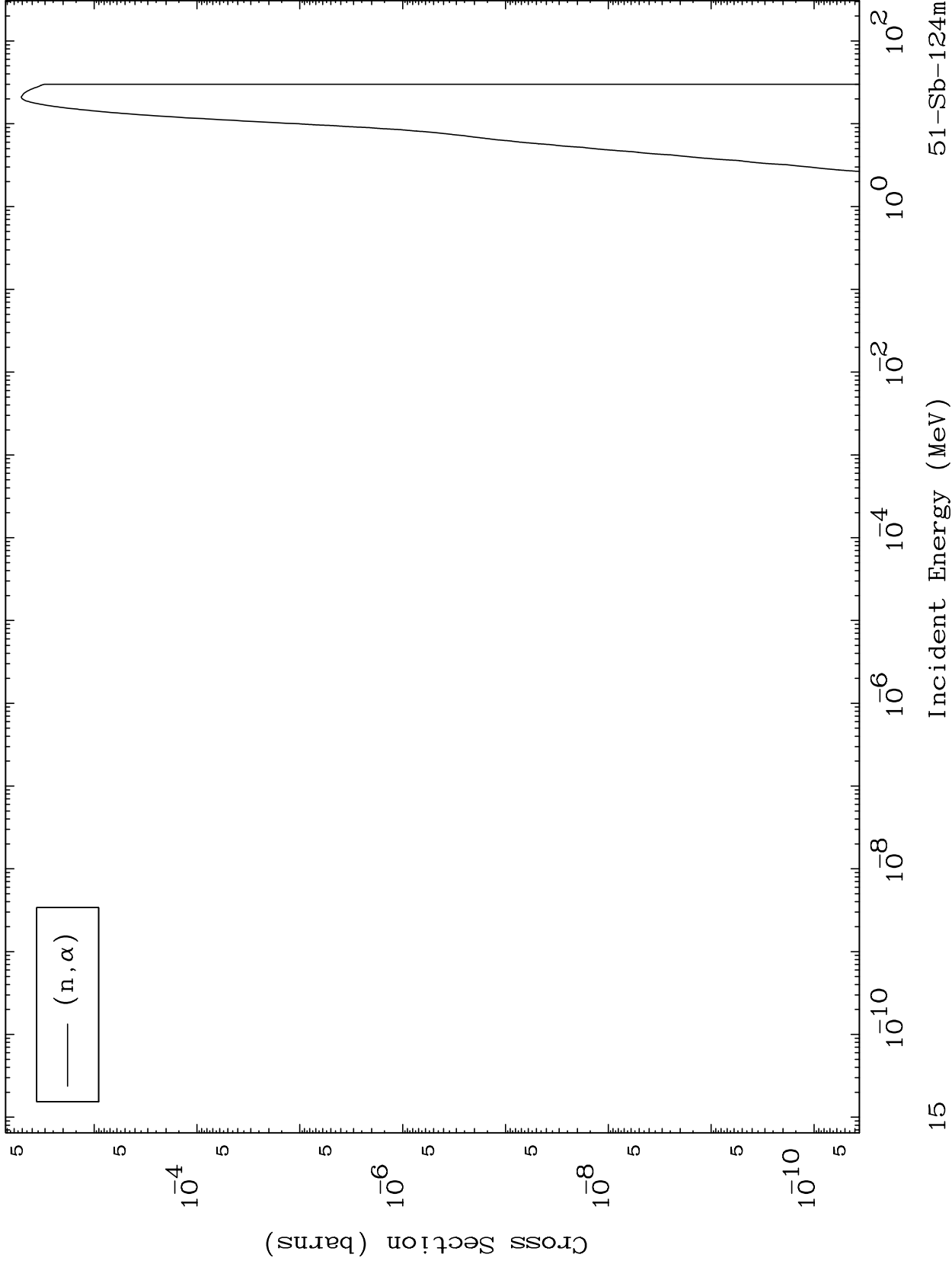
Incident Energy (MeV)

51-Sb-124m

MAT 5135

(n, α) Levels
293 Kelvin Cross Sections

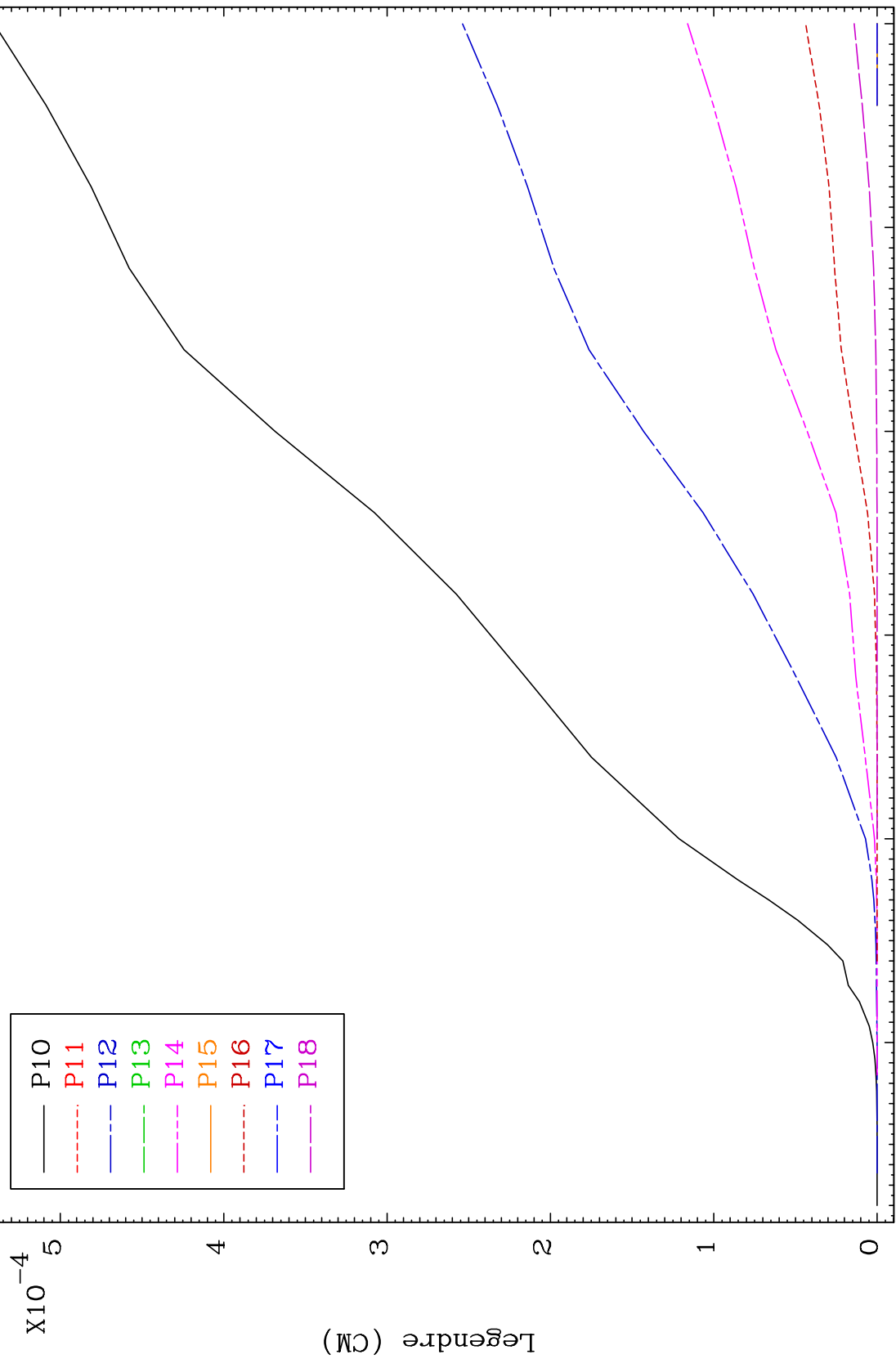
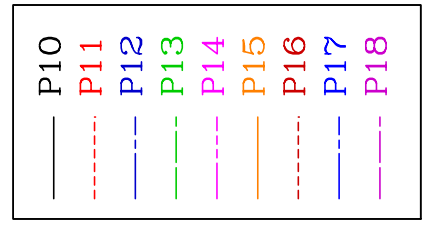
51-Sb-124m



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Elastic Legendre Coefficients

51-Sb-124m



17

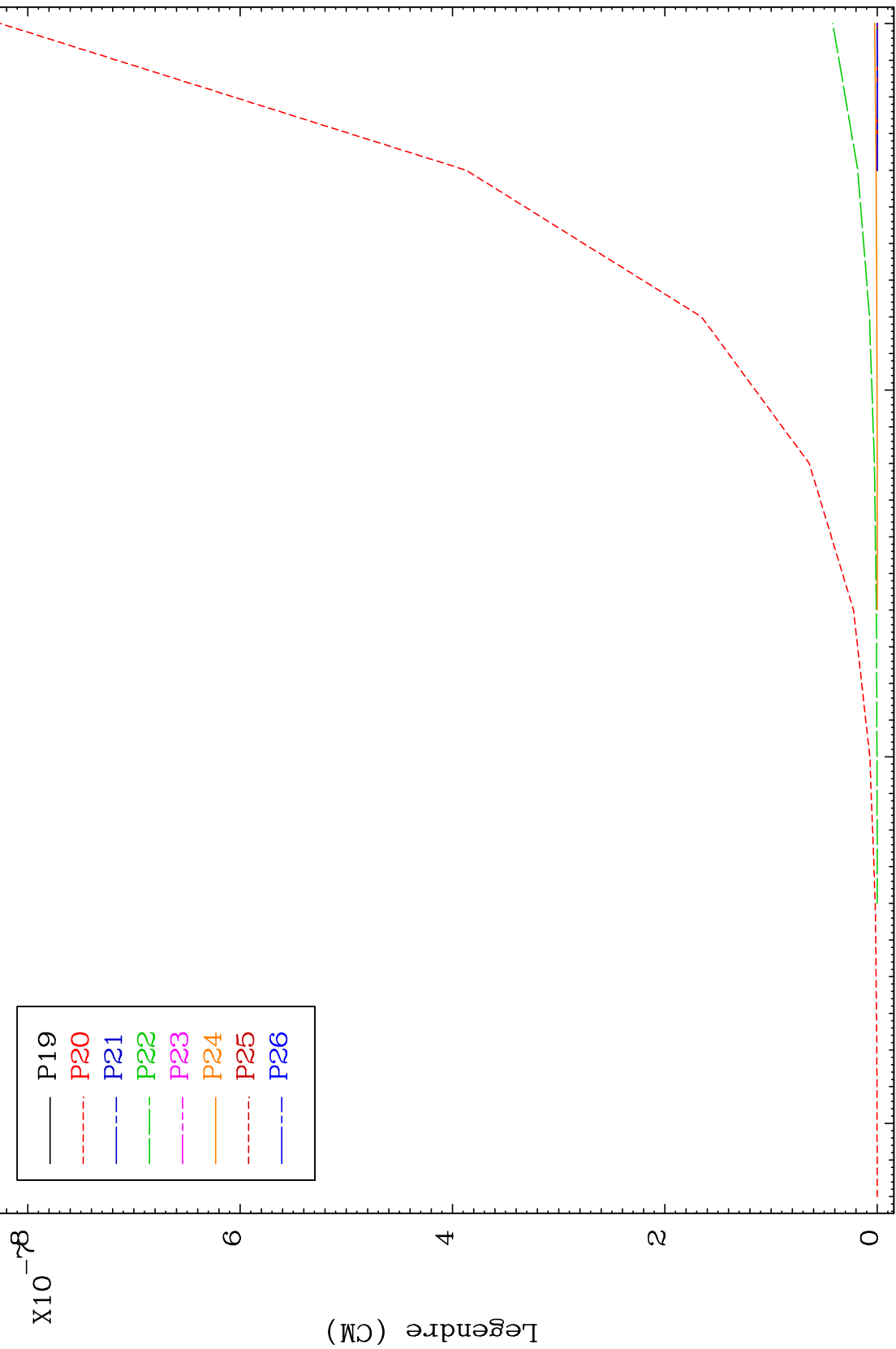
Incident Energy (MeV)

51-Sb-124m

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Elastic
Legendre Coefficients

51-Sb-124m



18

Incident Energy (MeV)

51-Sb-124m

MAT 5135

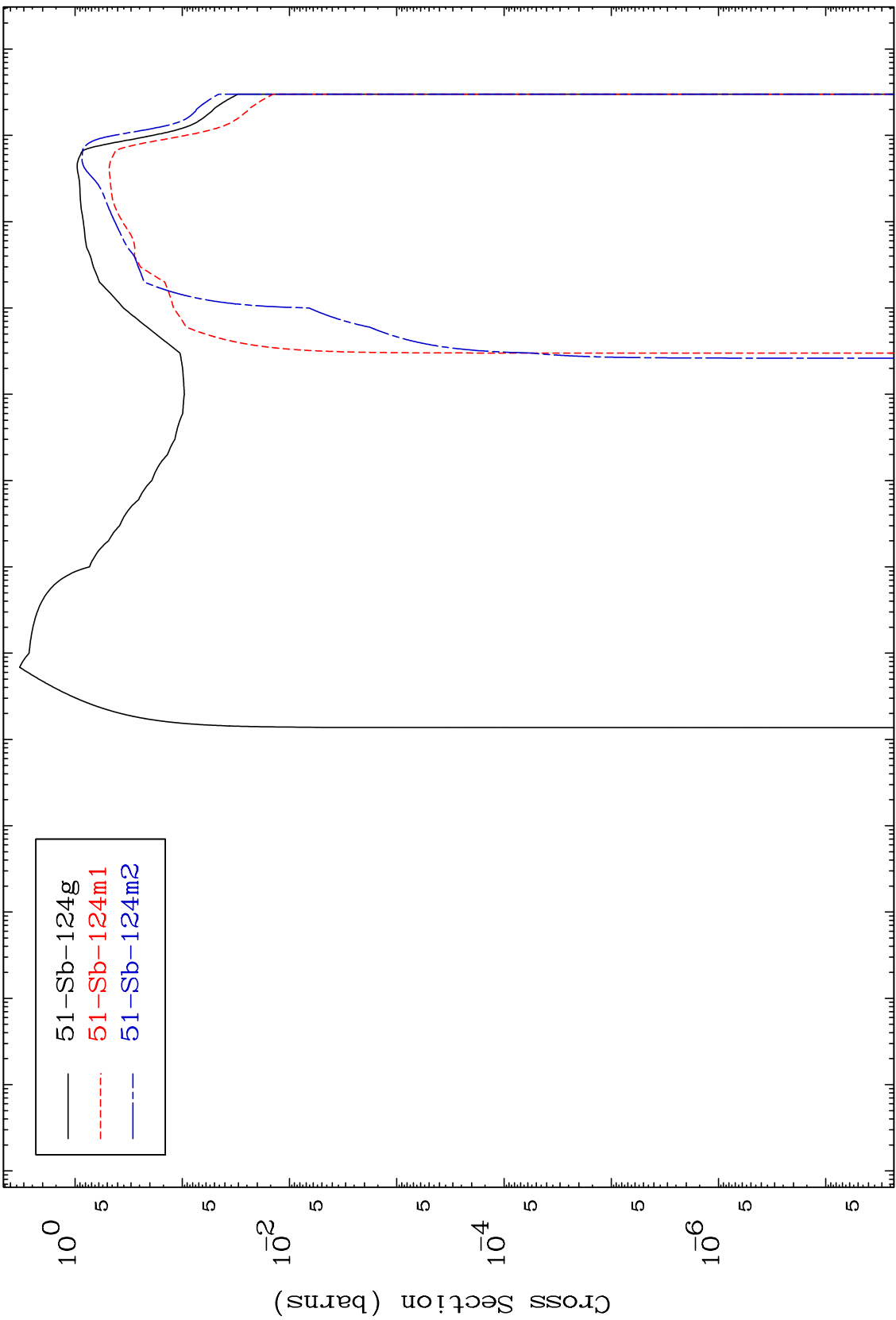
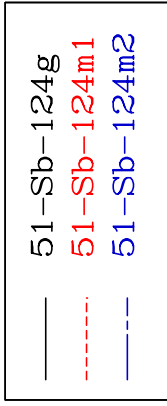
51-Sb-124m

Radionuclide Production Cross Section

Inelastic

51-Sb-124m

Incident Energy (MeV)

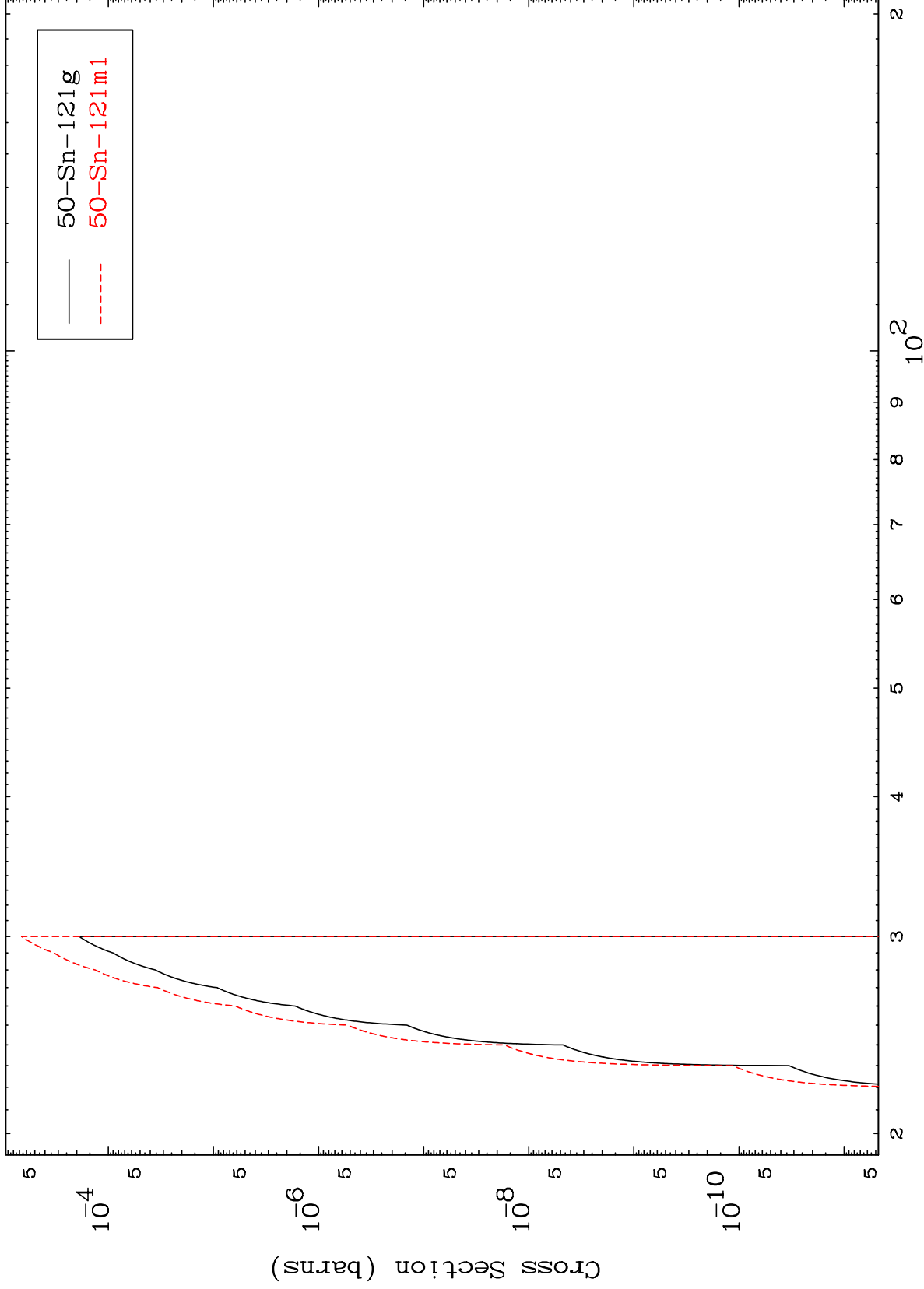


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(n,2n) d

51-Sb-124m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

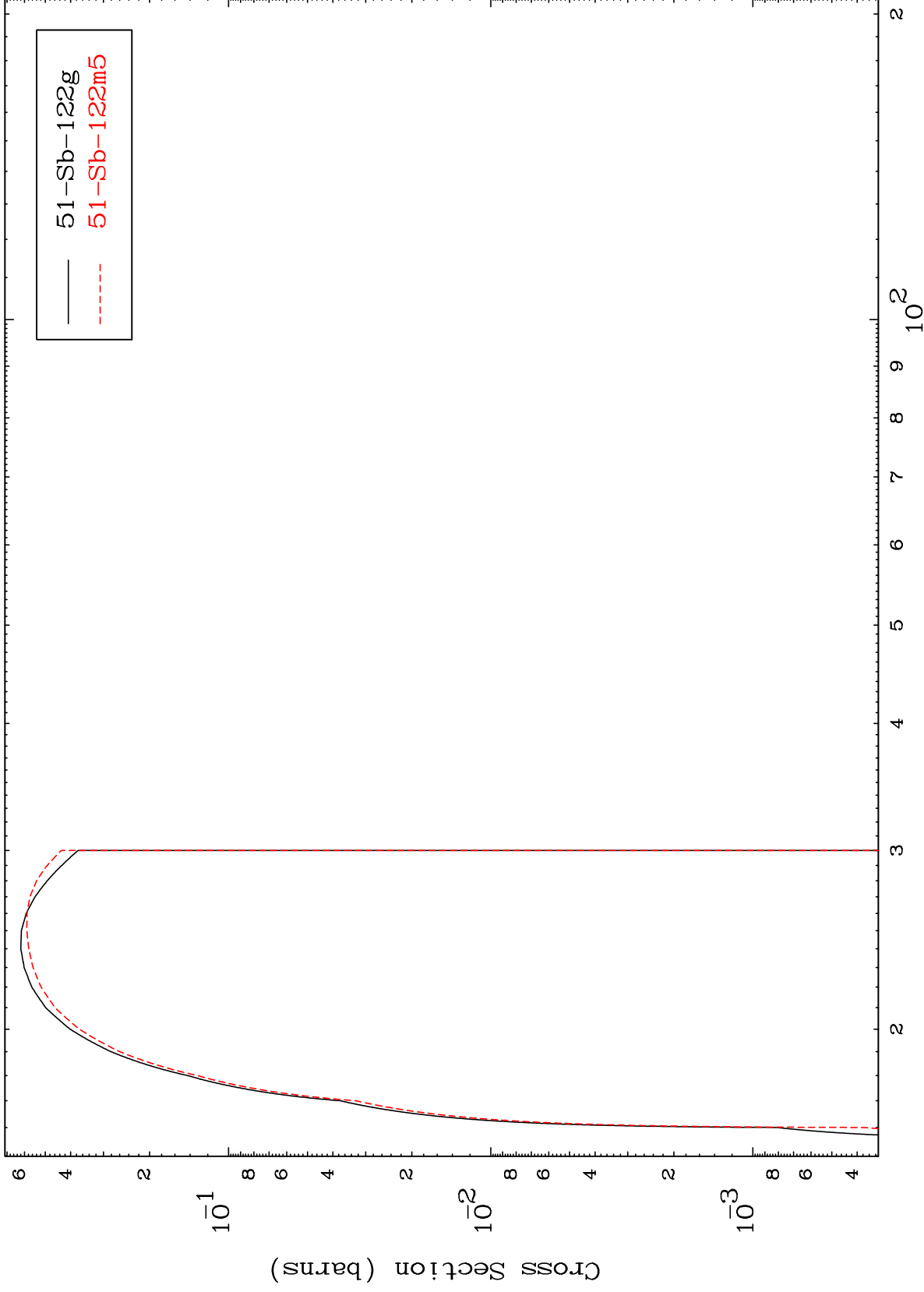
51-Sb-124m

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(n,3n)

51-Sb-124m

Radionuclide Production Cross Section



21

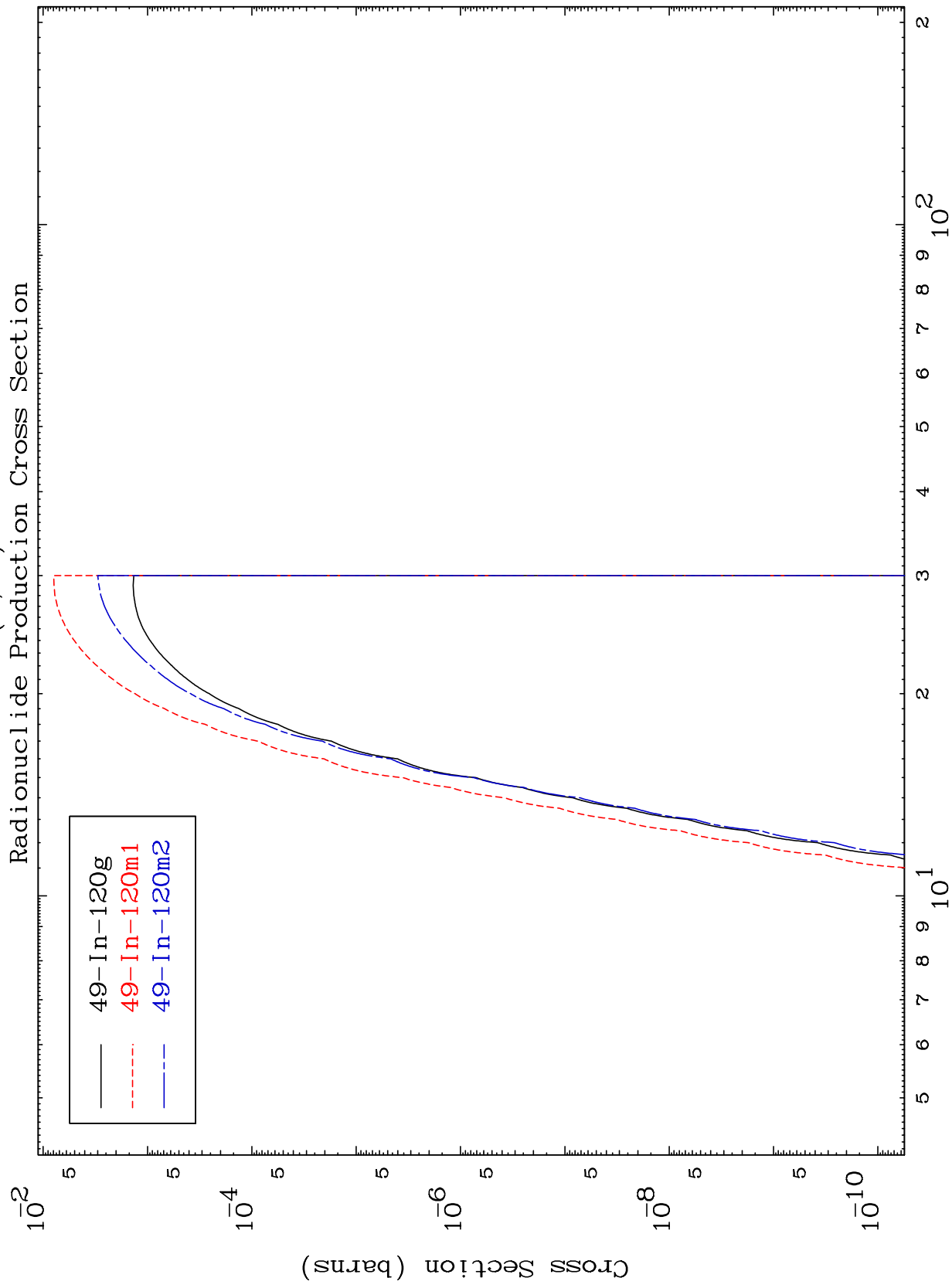
Incident Energy (MeV)

51-Sb-124m

MAT 5135

(n,n') α

51-Sb-124m



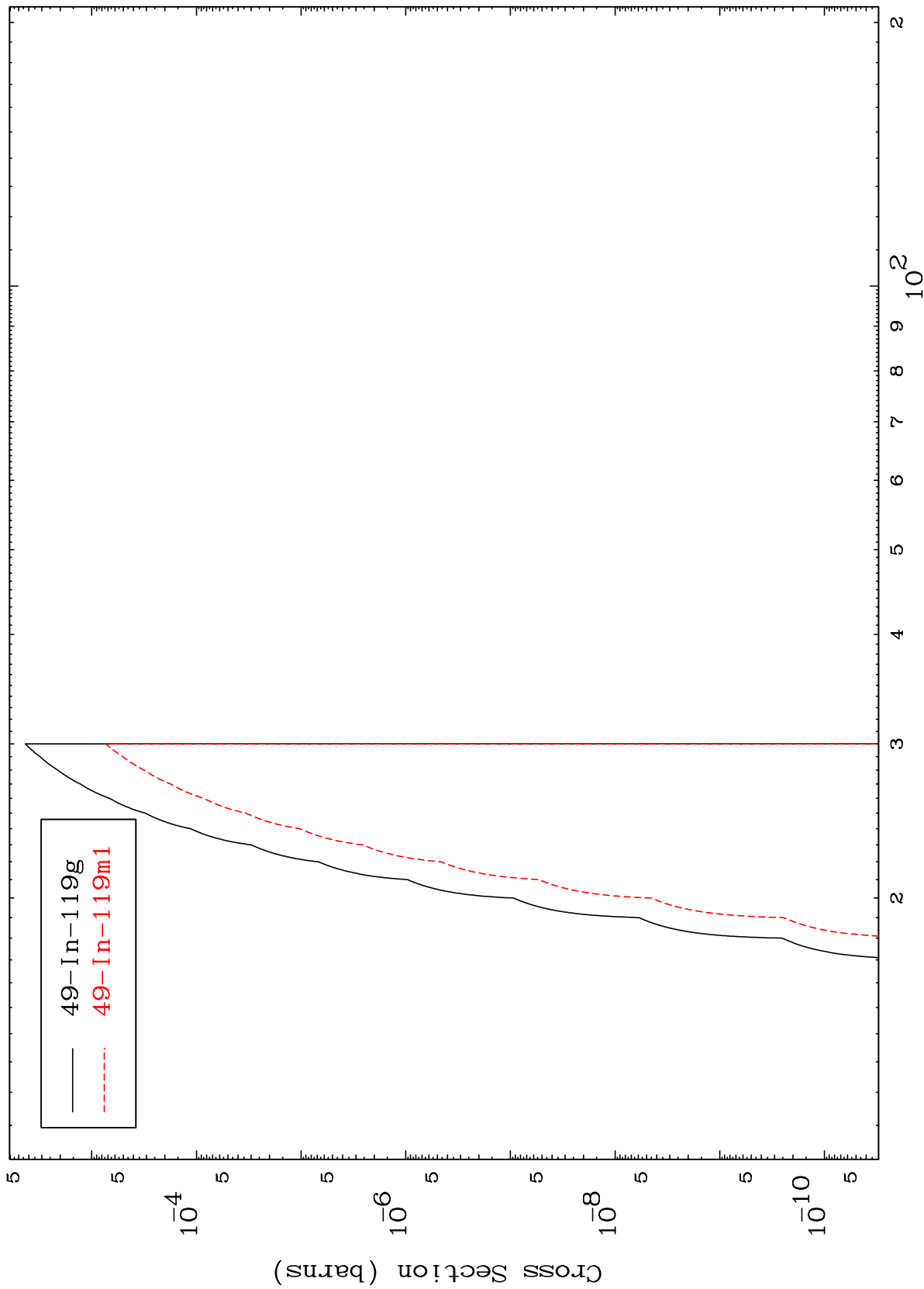
49-In-120g
49-In-120m1
49-In-120m2

MAT 5135

(n,2n) α

51-Sb-124m

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-124m

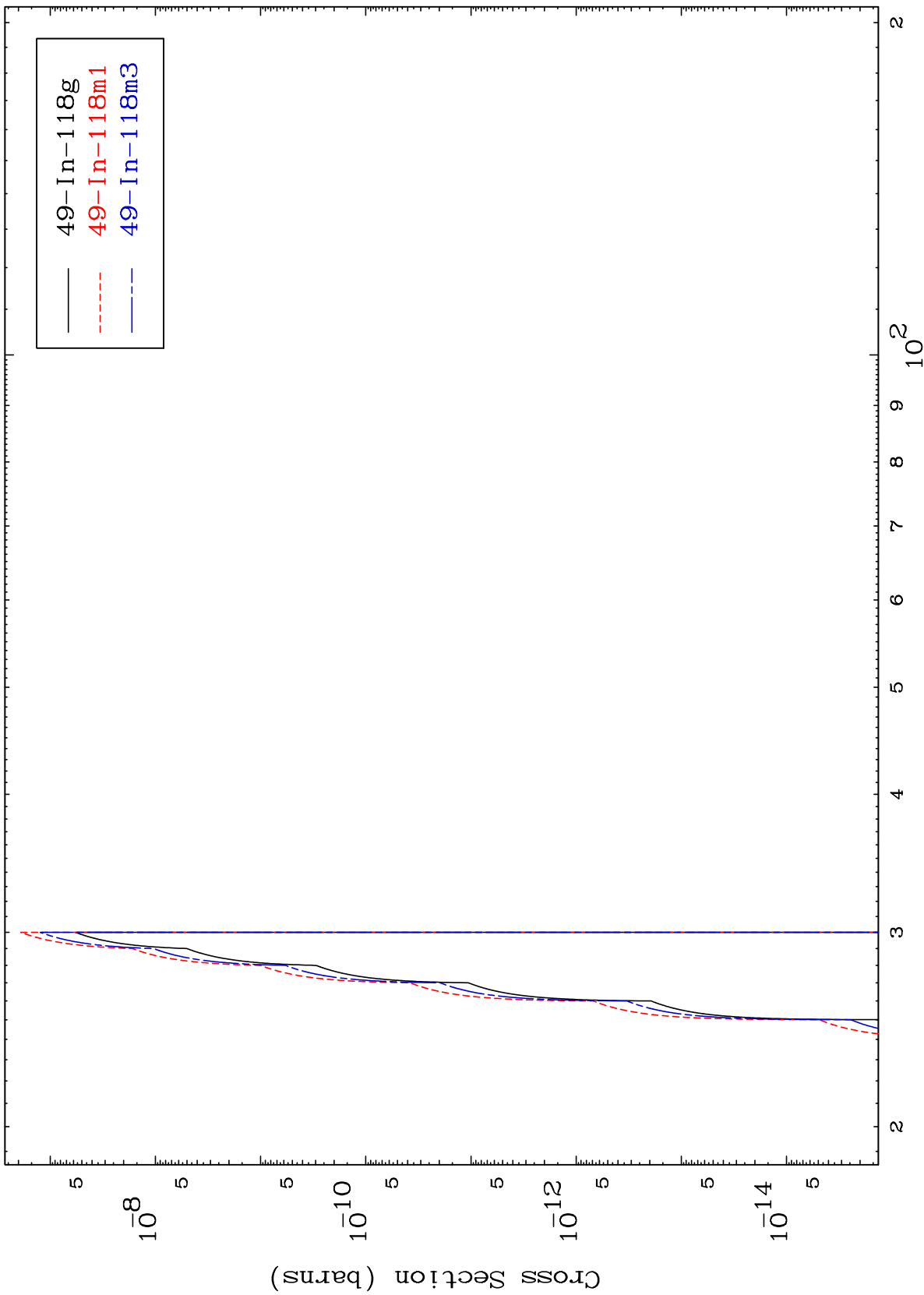
23

MAT 5135

(n,3n) α

51-Sb-124m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

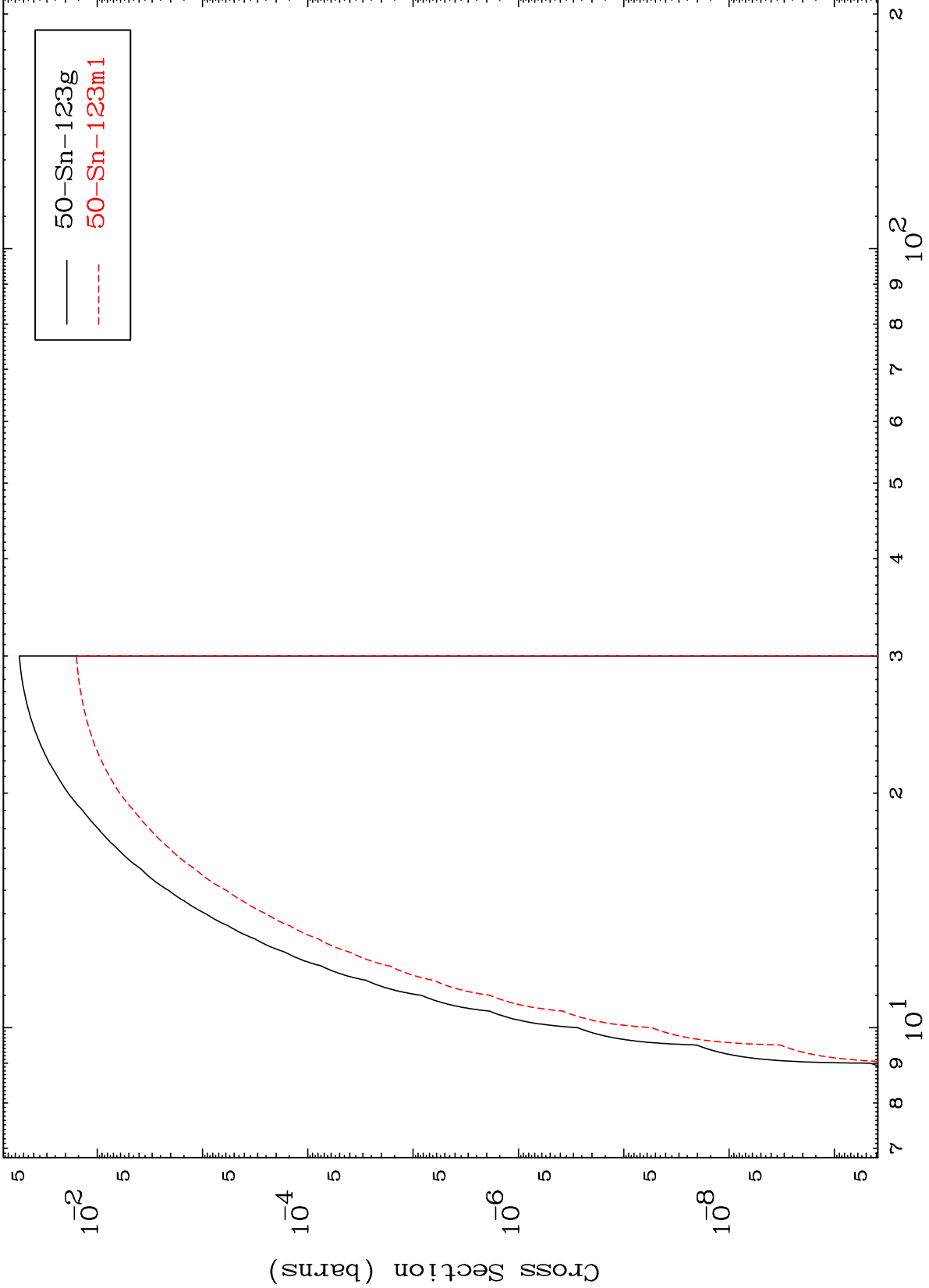
51-Sb-124m

MAT 5135

(n,n') p

51-Sb-124m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

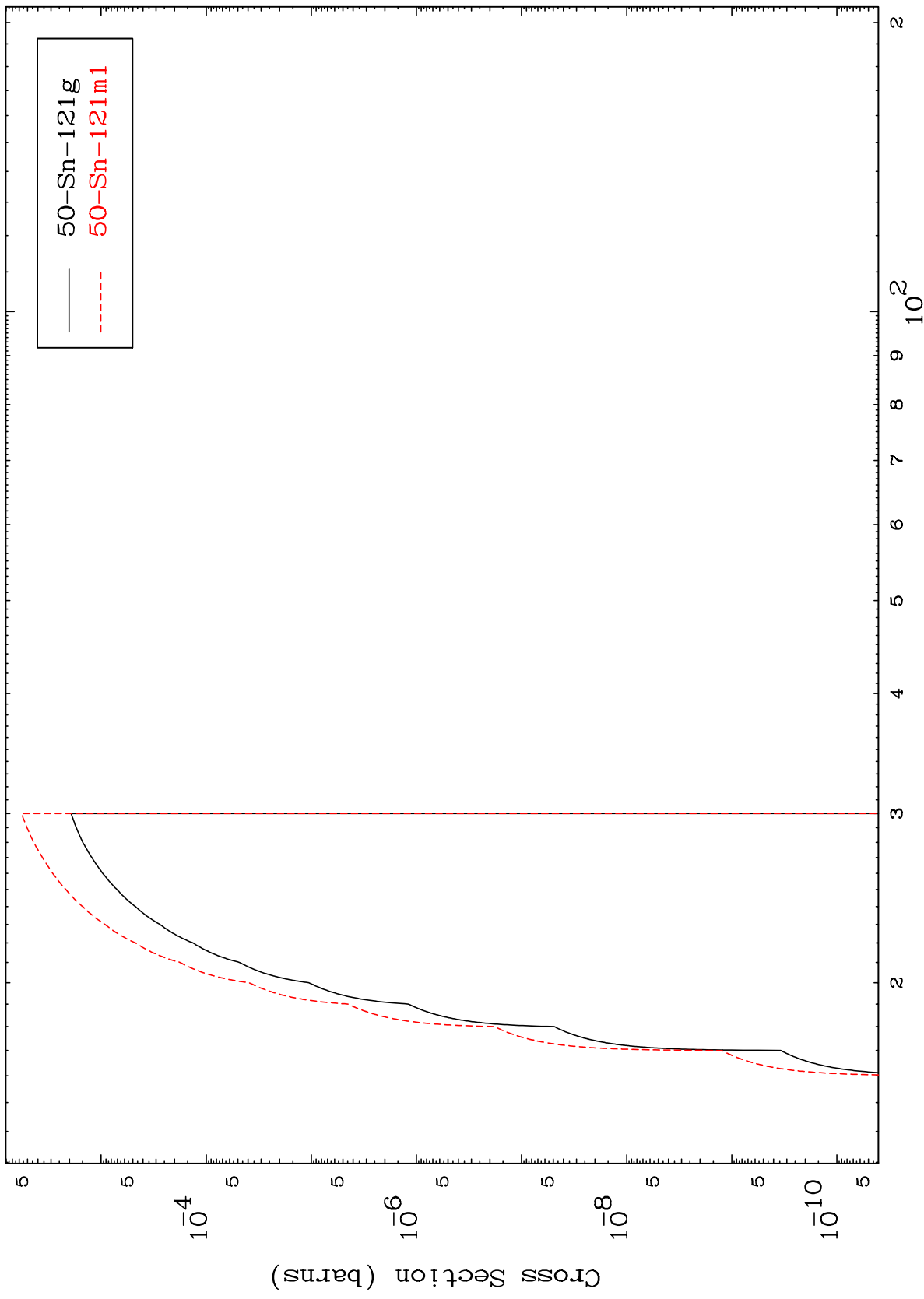
51-Sb-124m

MAT 5135

(n,n') t

51-Sb-124m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

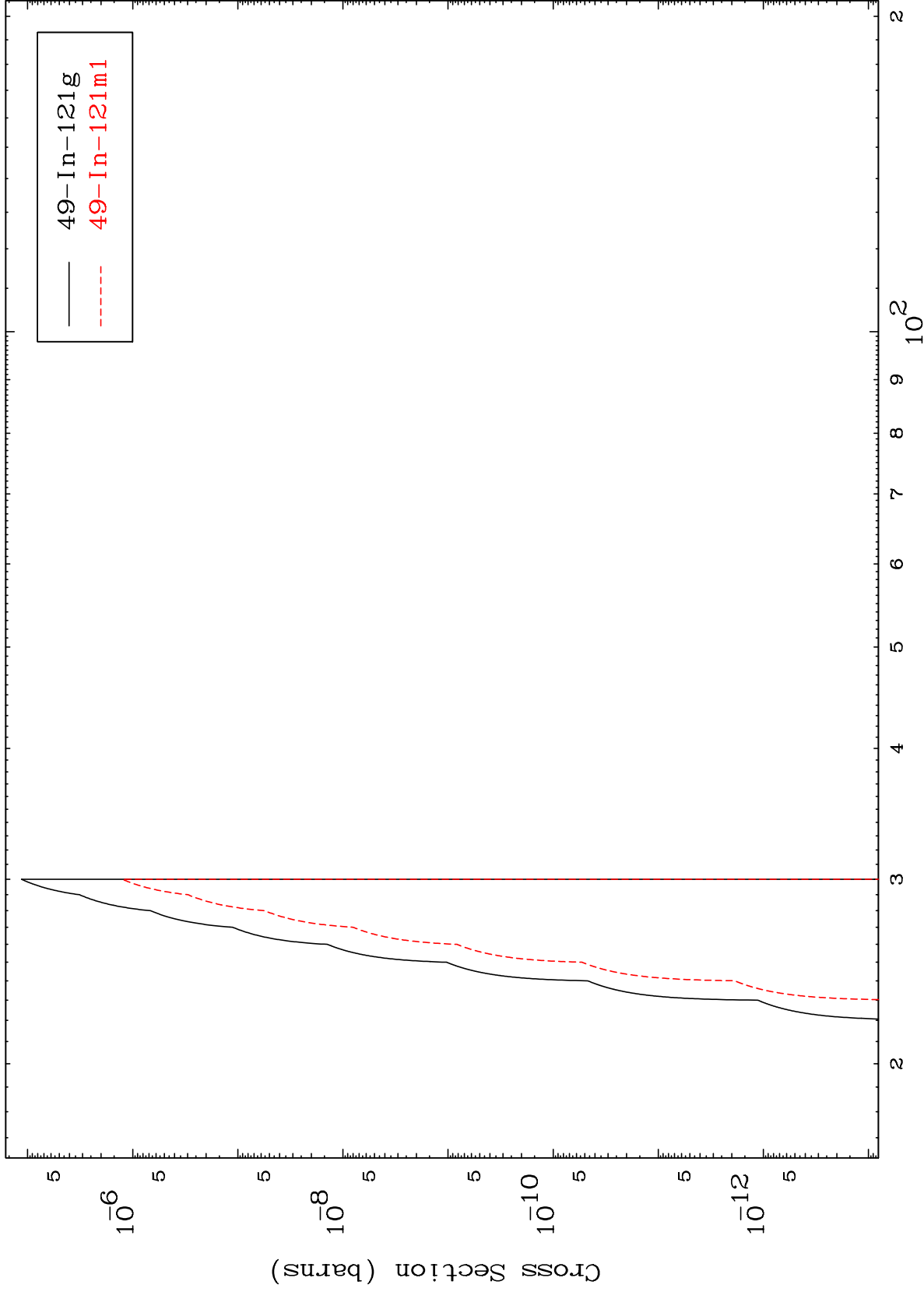
51-Sb-124m

MAT 5135

(n,n') He-3

51-Sb-124m

Radionuclide Production Cross Section

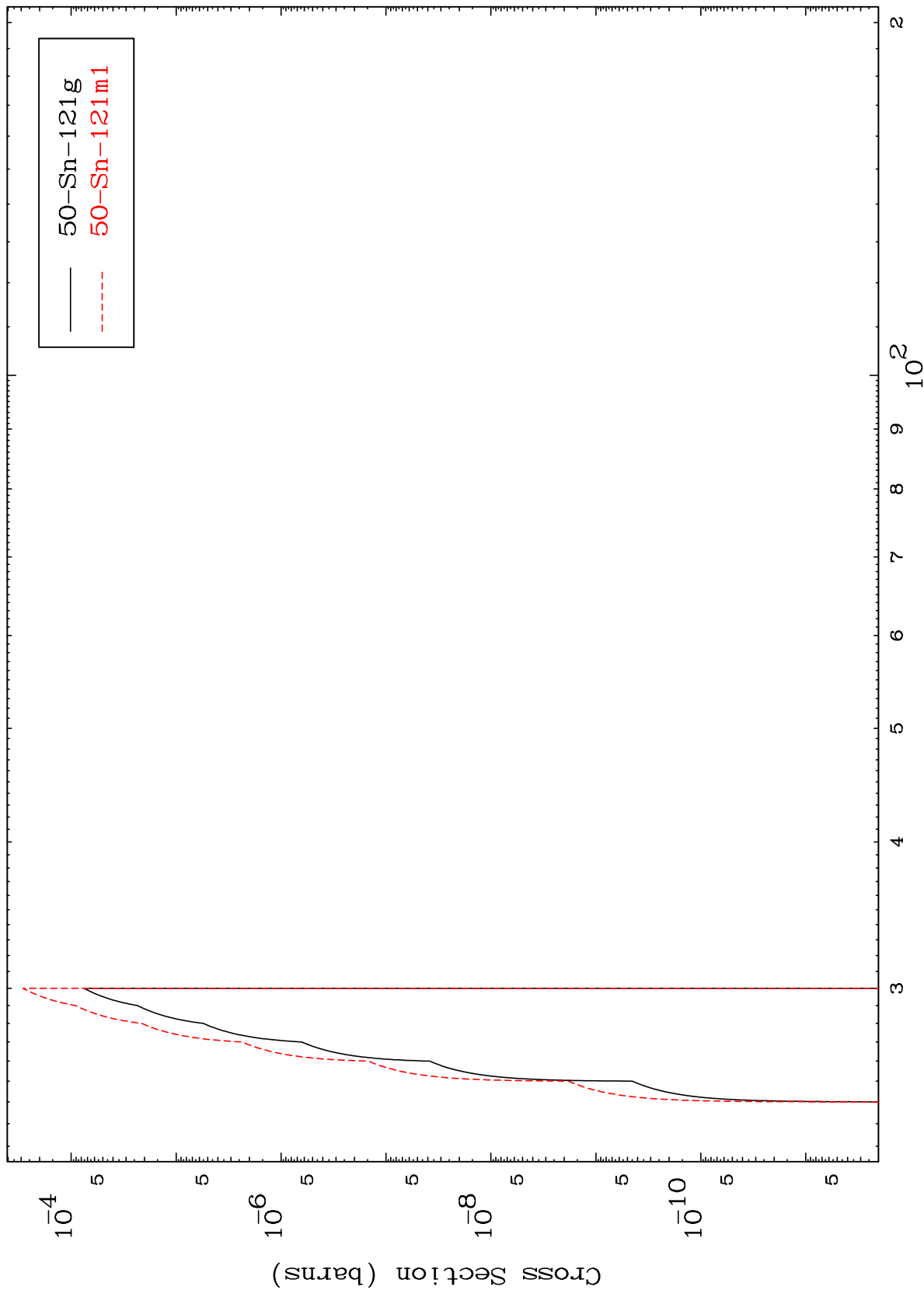


MAT 5135

(n,3n) p

51-Sb-124m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

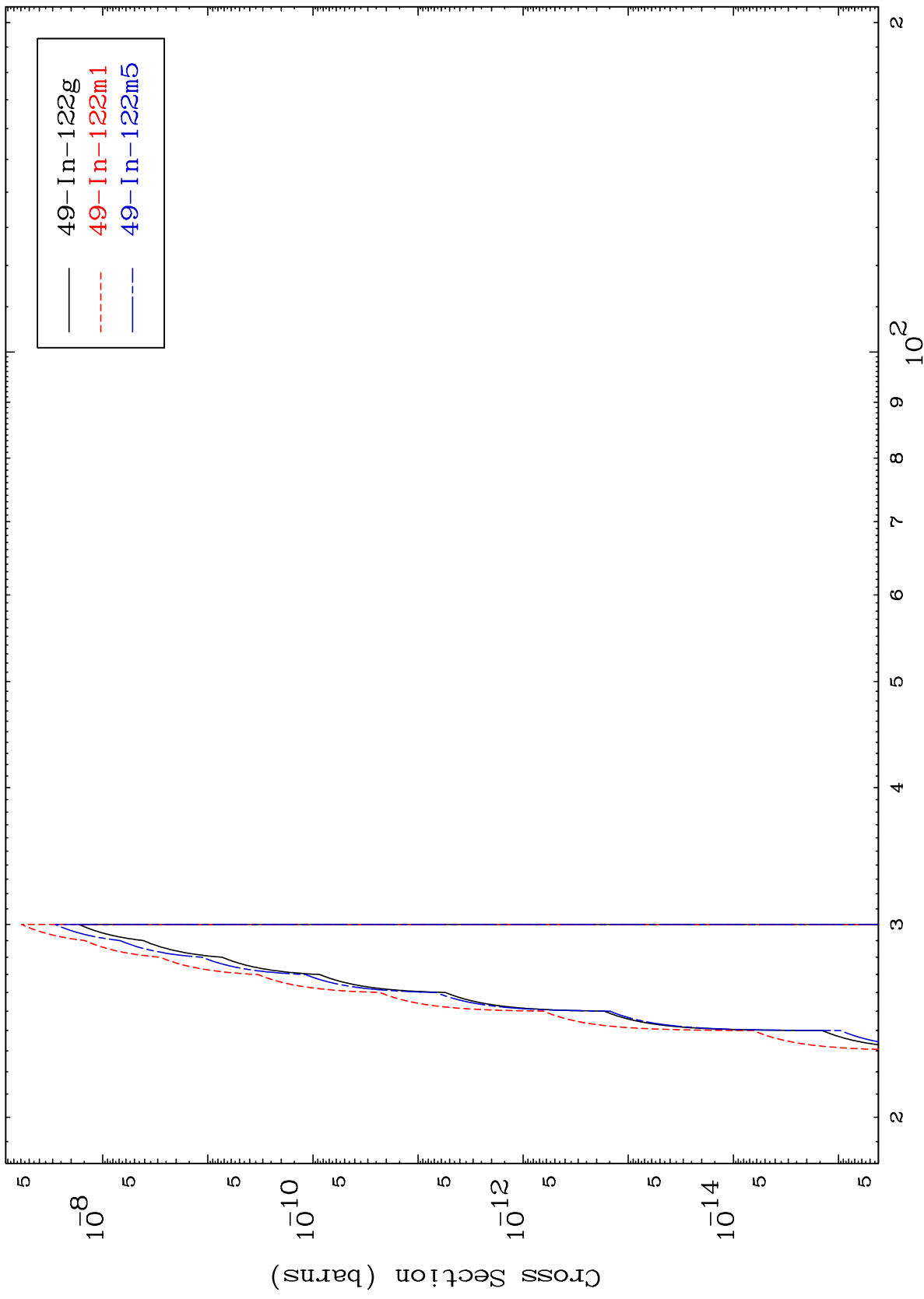
51-Sb-124m

MAT 5135

(n,2n) p

51-Sb-124m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

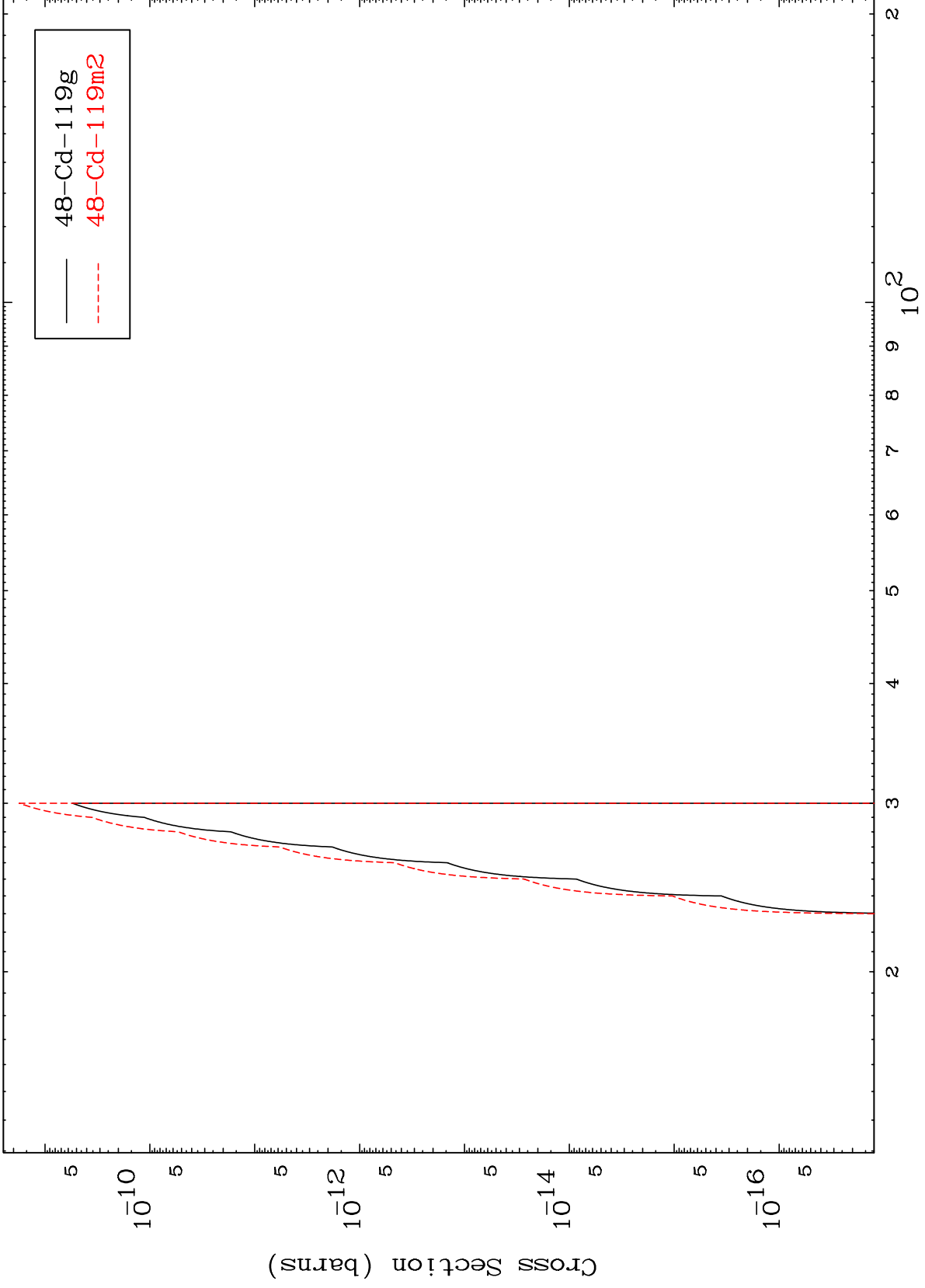
51-Sb-124m

MAT 5135

(n,n') p α

51-Sb-124m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

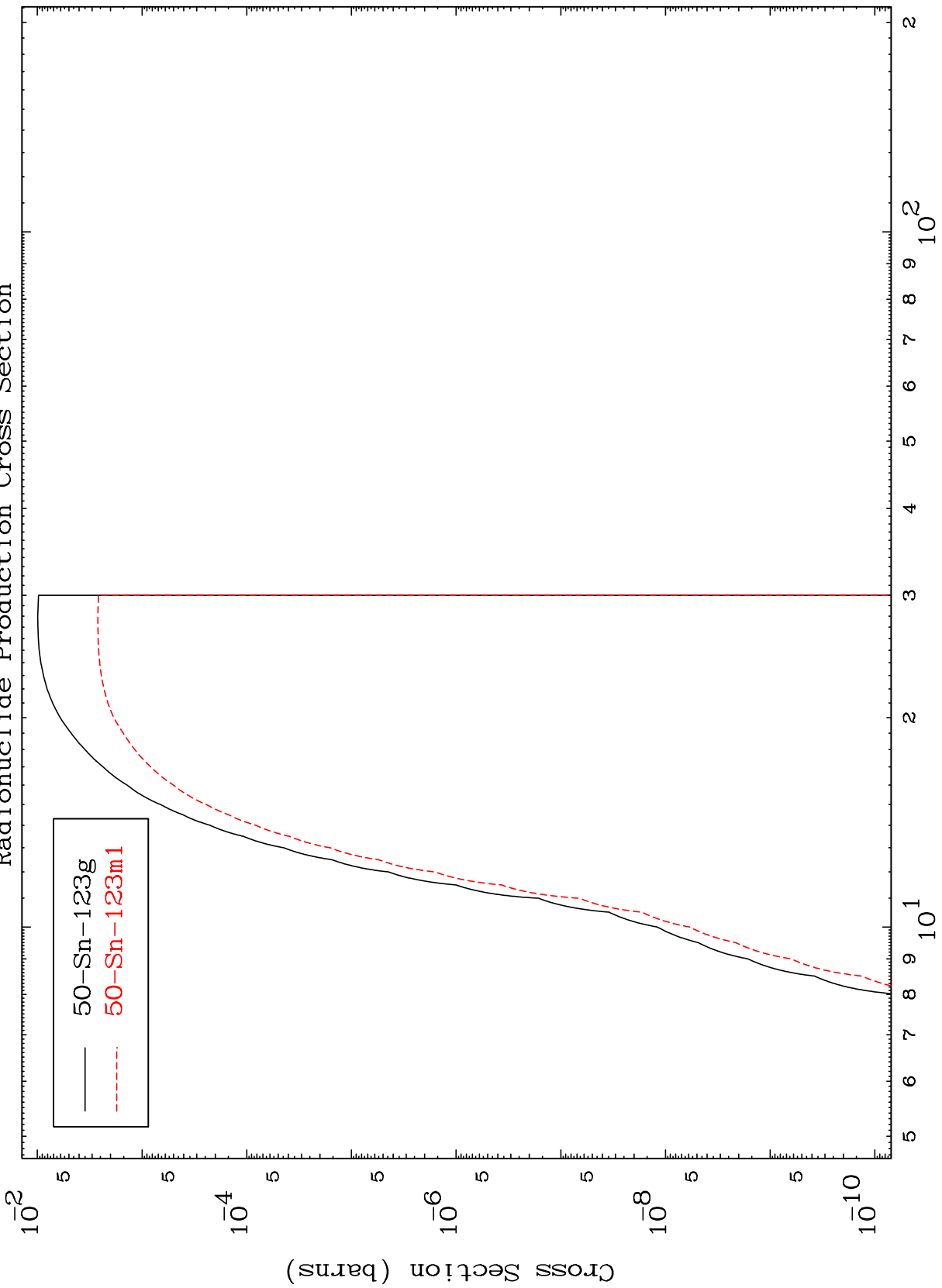
51-Sb-124m

MAT 5135

(n,d)

51-Sb-124m

Radionuclide Production Cross Section



50-Sn-123g
50-Sn-123m1

Incident Energy (MeV)

51-Sb-124m

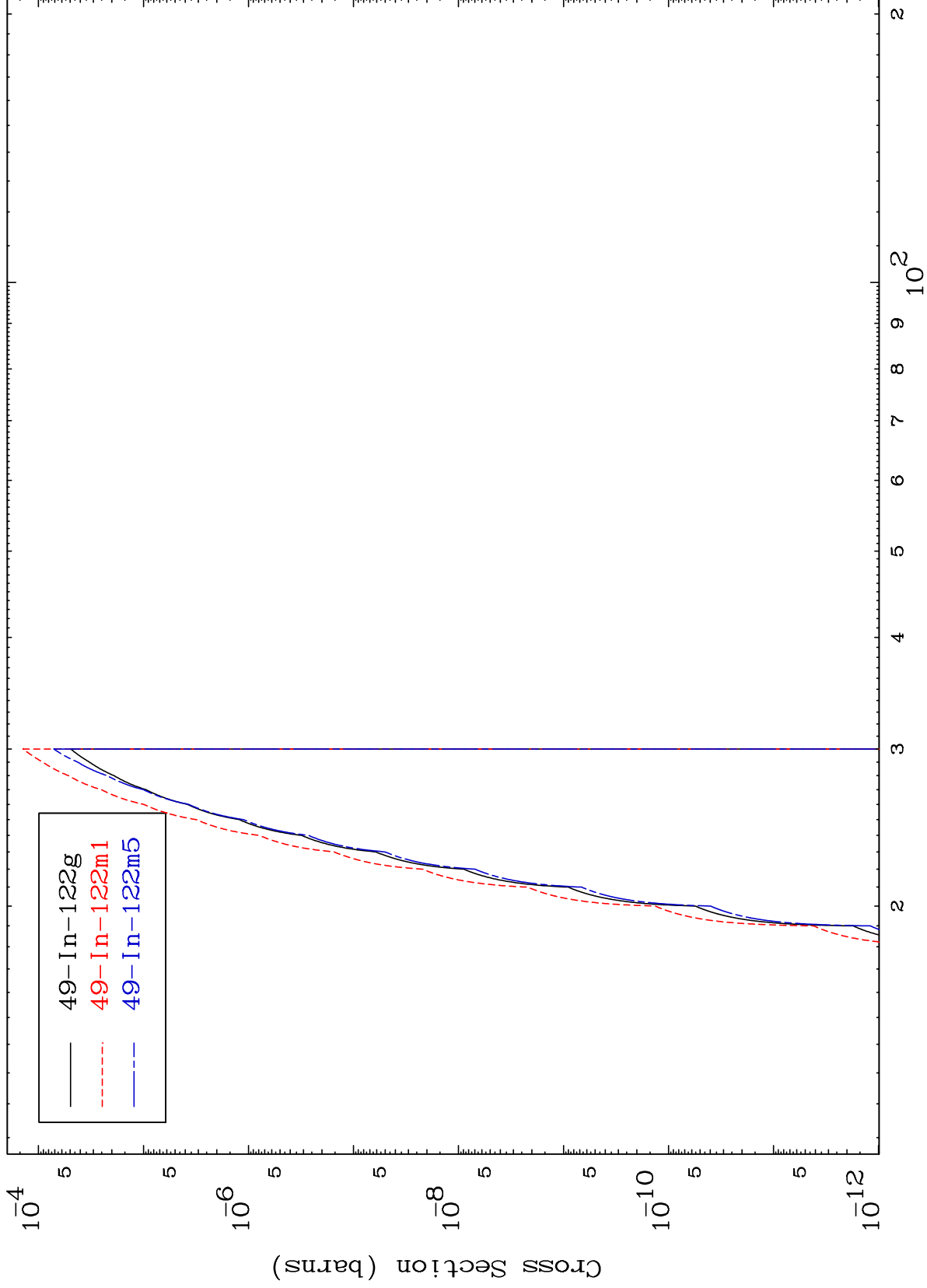
31

MAT 5135

(n,He-3)

51-Sb-124m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

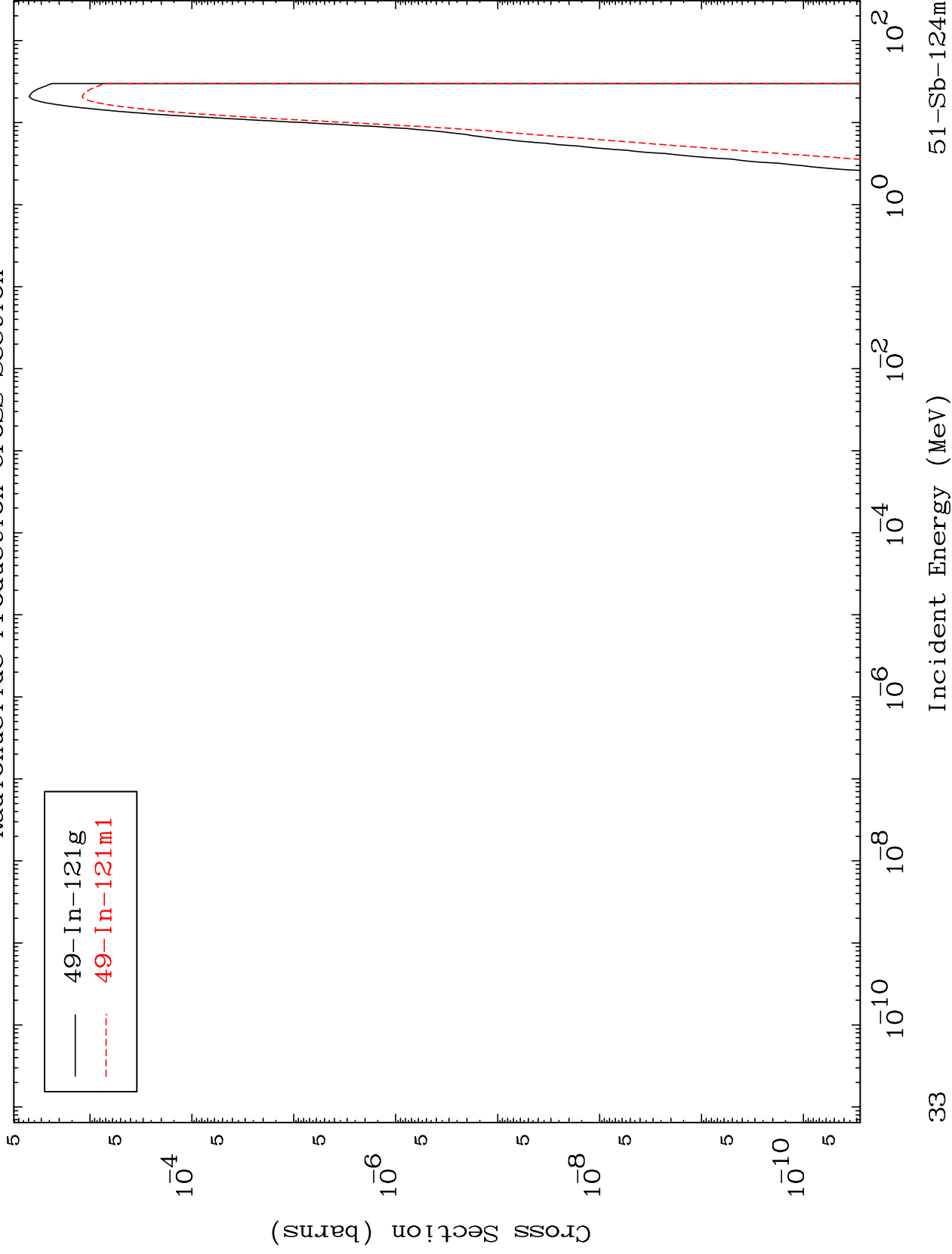
51-Sb-124m

MAT 5135

(n, α)

51-Sb-124m

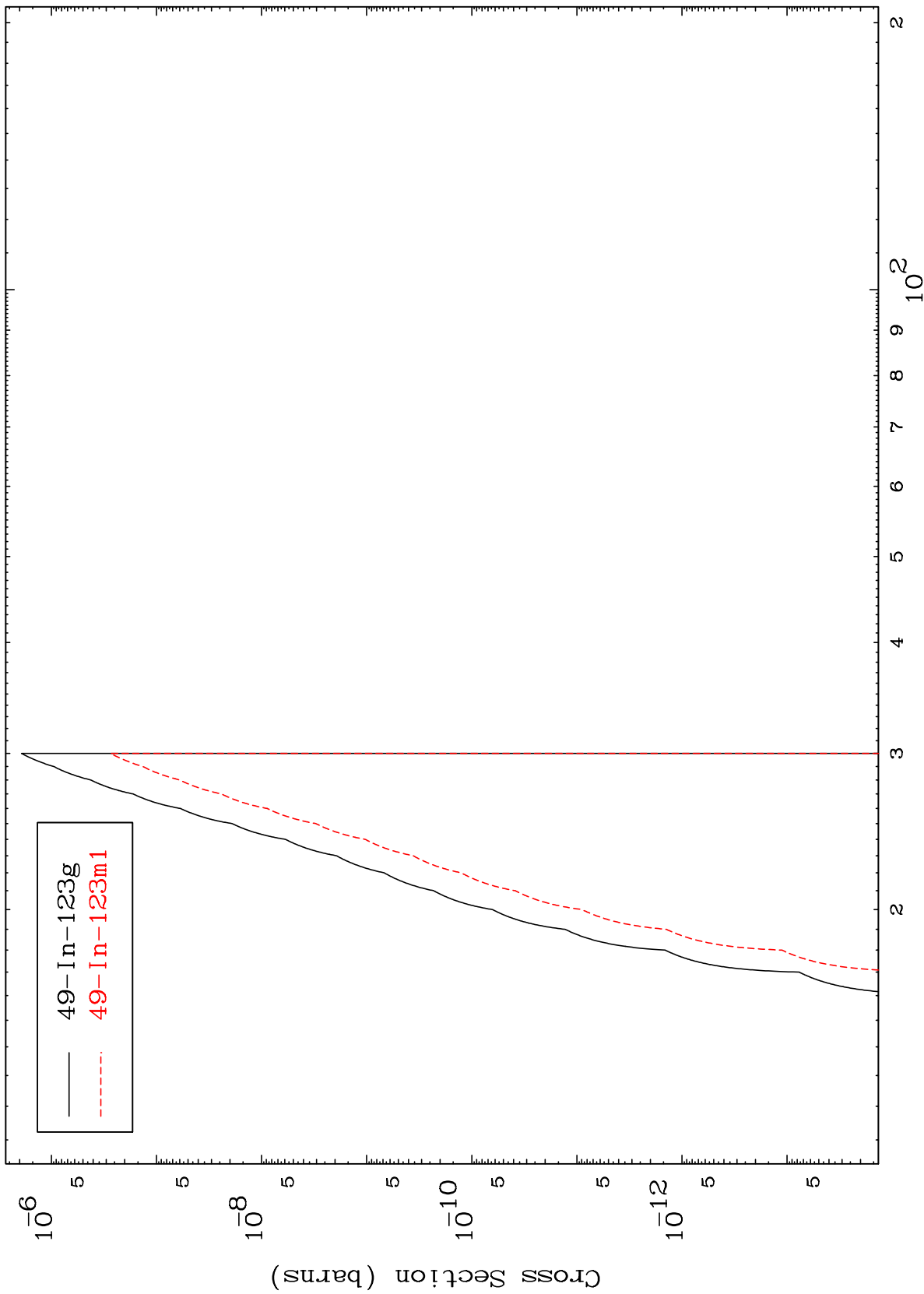
Radionuclide Production Cross Section



MAT 5135

51-Sb-124m

(n,2p)
Radionuclide Production Cross Section



34

51-Sb-124m

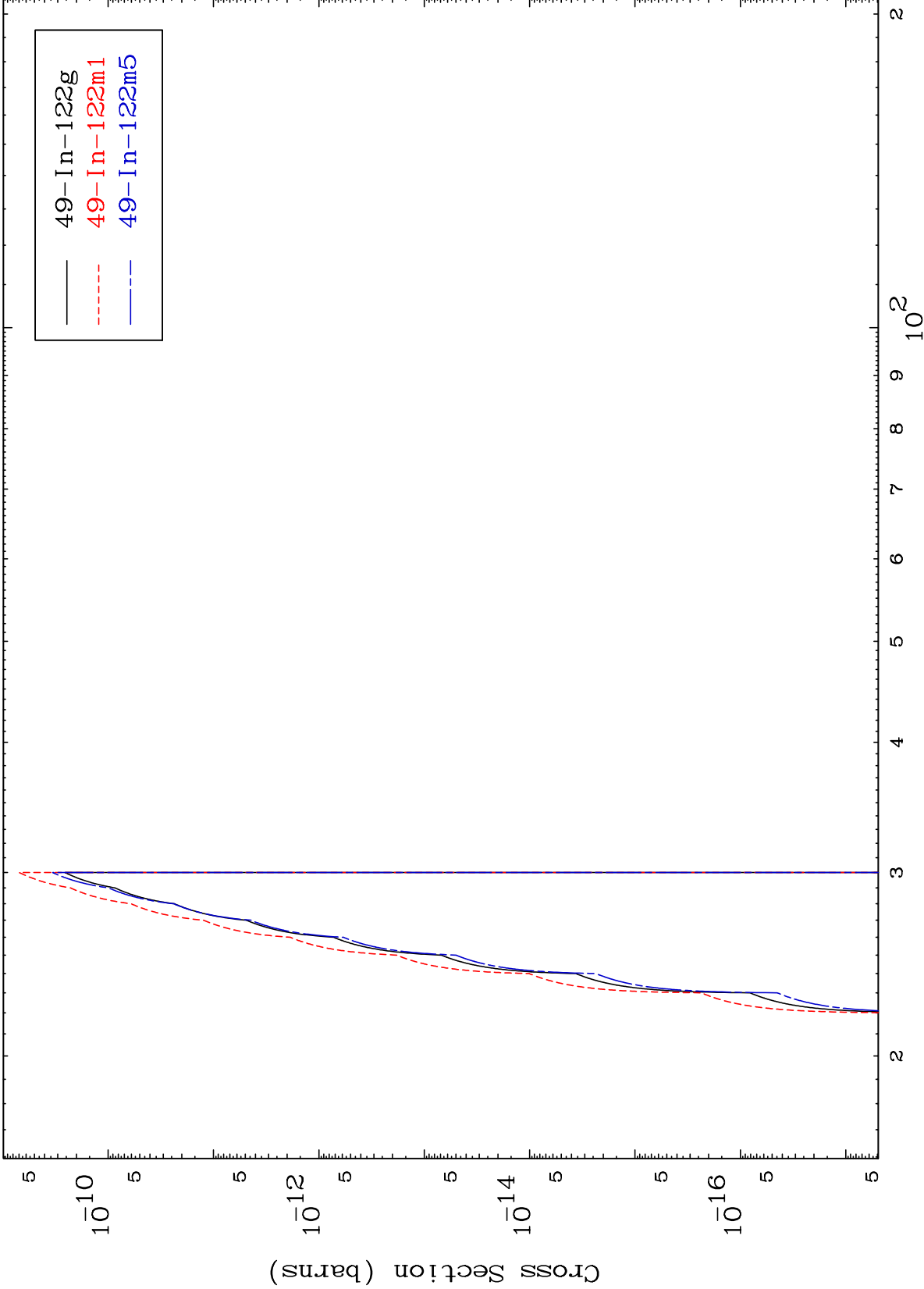
Incident Energy (MeV)

MAT 5135

(n,p) d

51-Sb-124m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

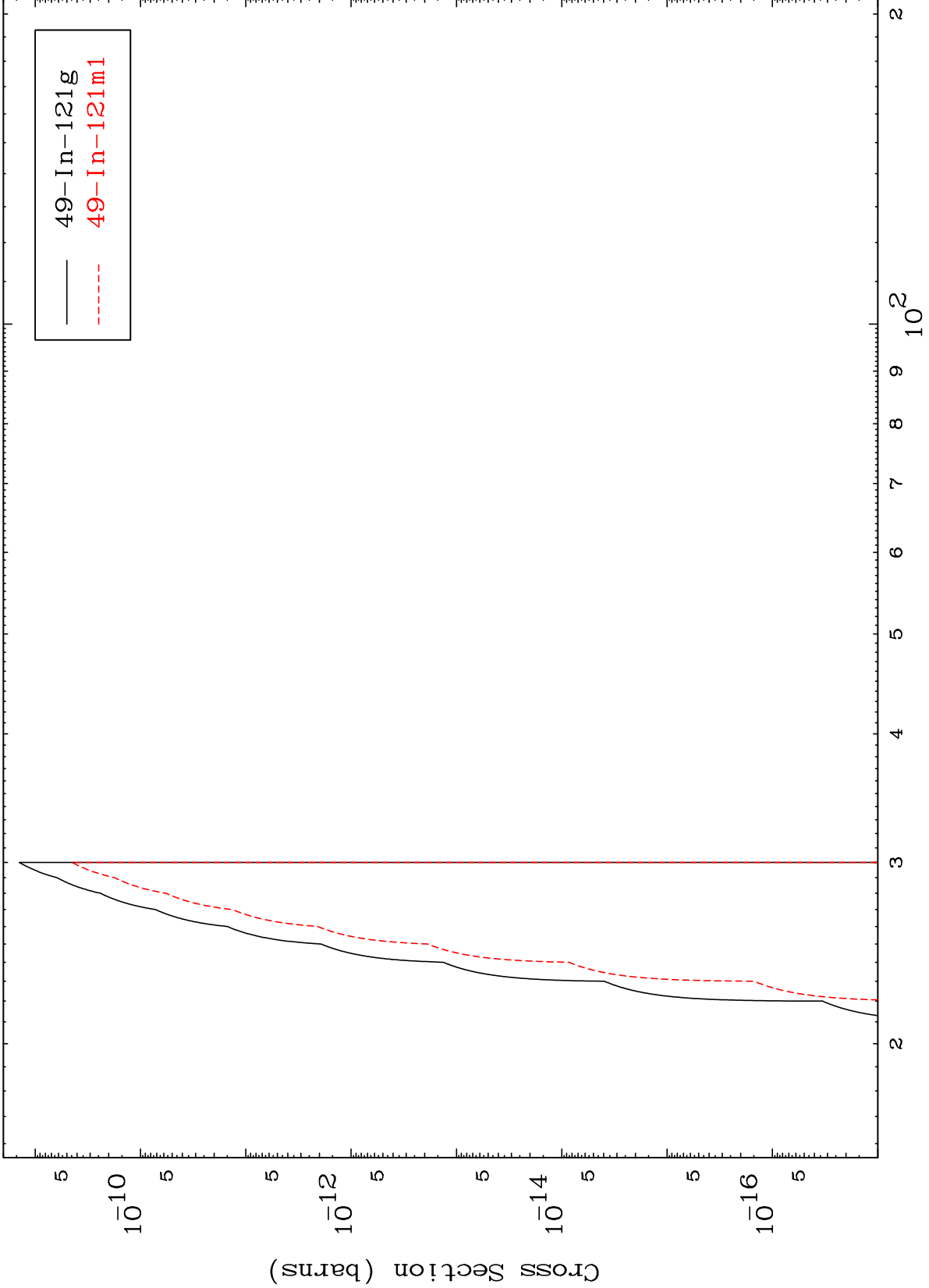
51-Sb-124m

MAT 5135

(n,p) t

51-Sb-124m

Radionuclide Production Cross Section



49-In-121g
49-In-121m1

36

Incident Energy (MeV)

51-Sb-124m