

Program EVALPLOT
(Version 2021-1)

by

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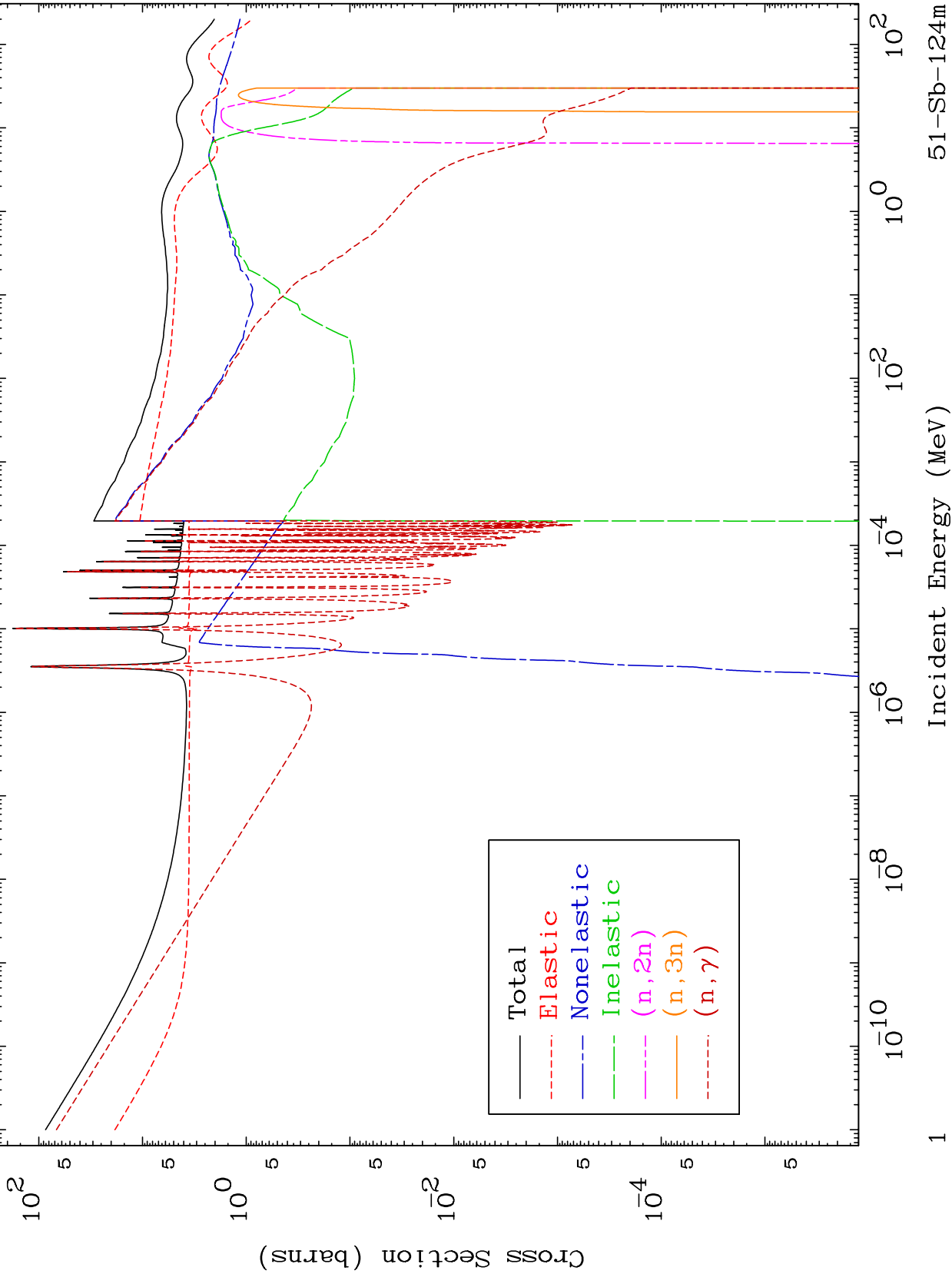
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5135

Neutron Major
293 Kelvin Cross Sections

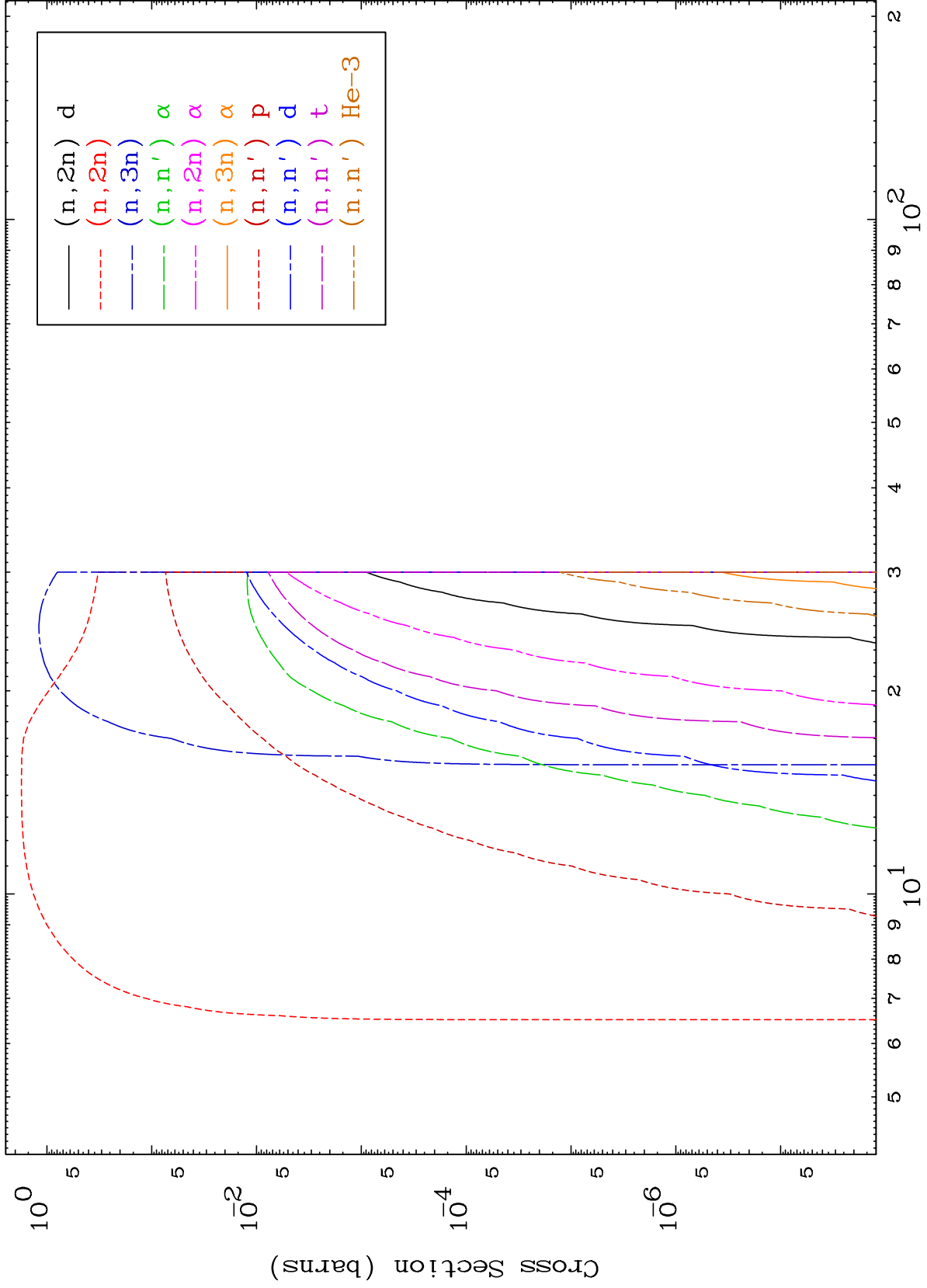
51-Sb-124m



MAT 5135

Neutron Absorption
293 Kelvin Cross Sections

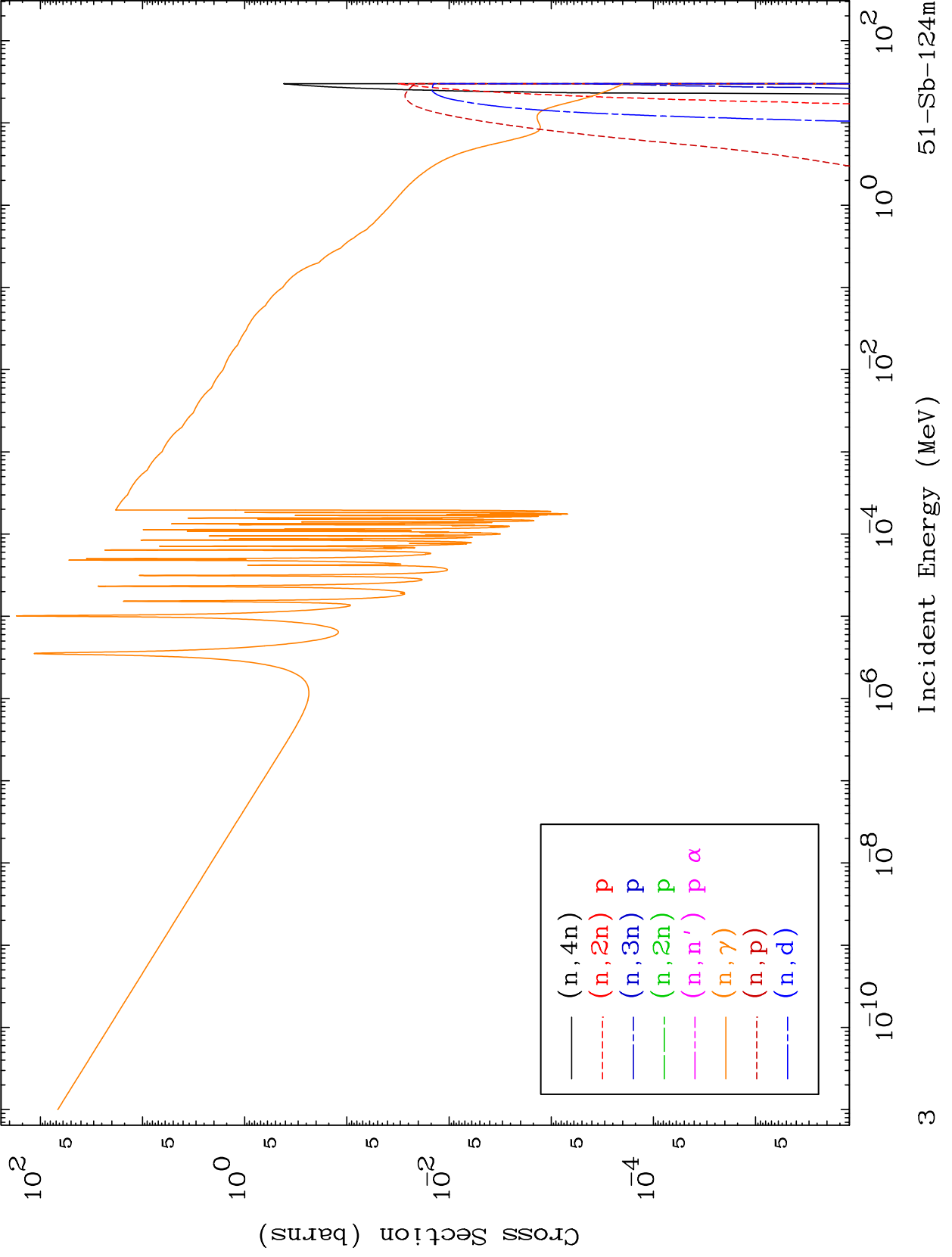
51-Sb-124m



MAT 5135

Neutron Absorption
293 Kelvin Cross Sections

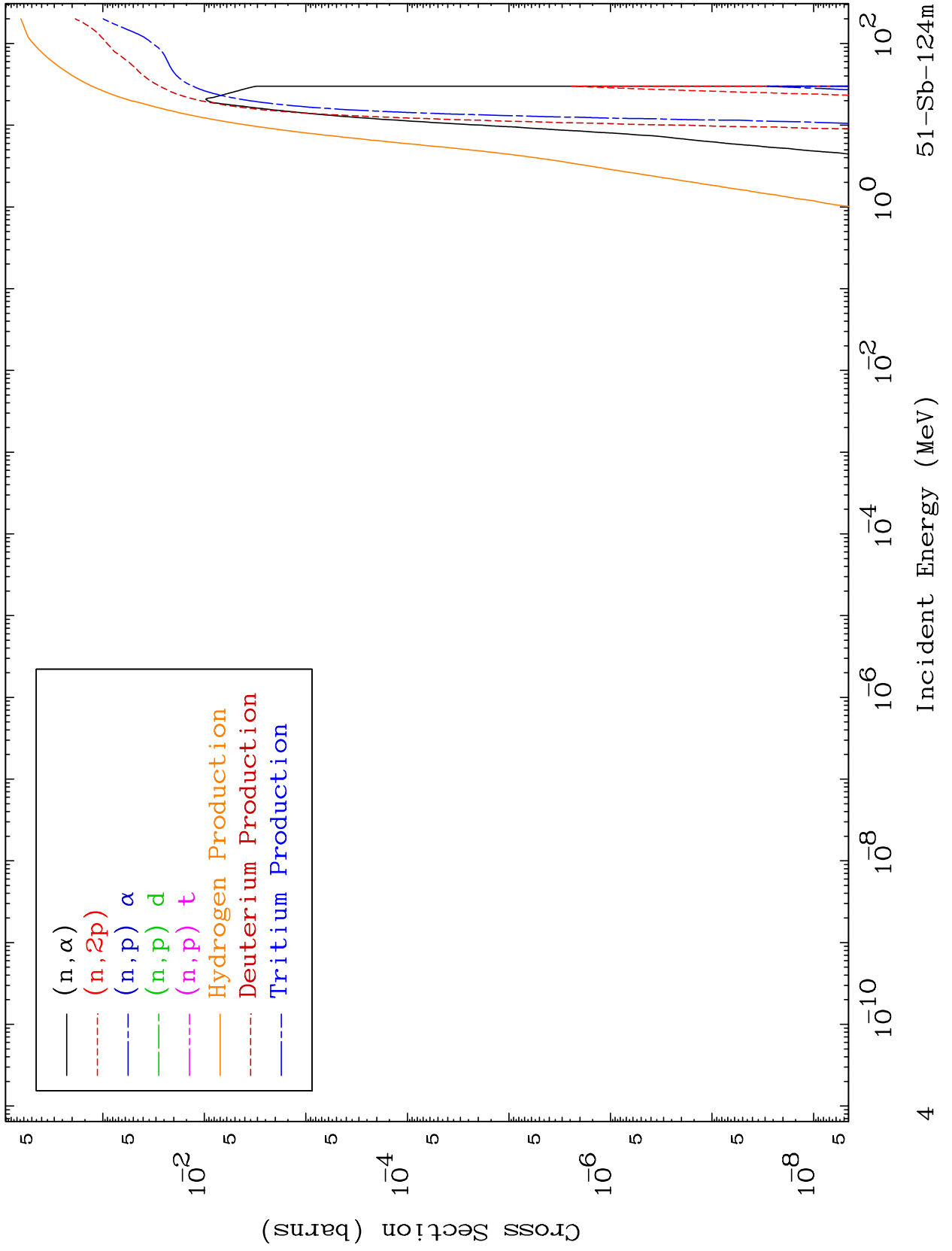
51-Sb-124m



MAT 5135

Neutron Absorption
293 Kelvin Cross Sections

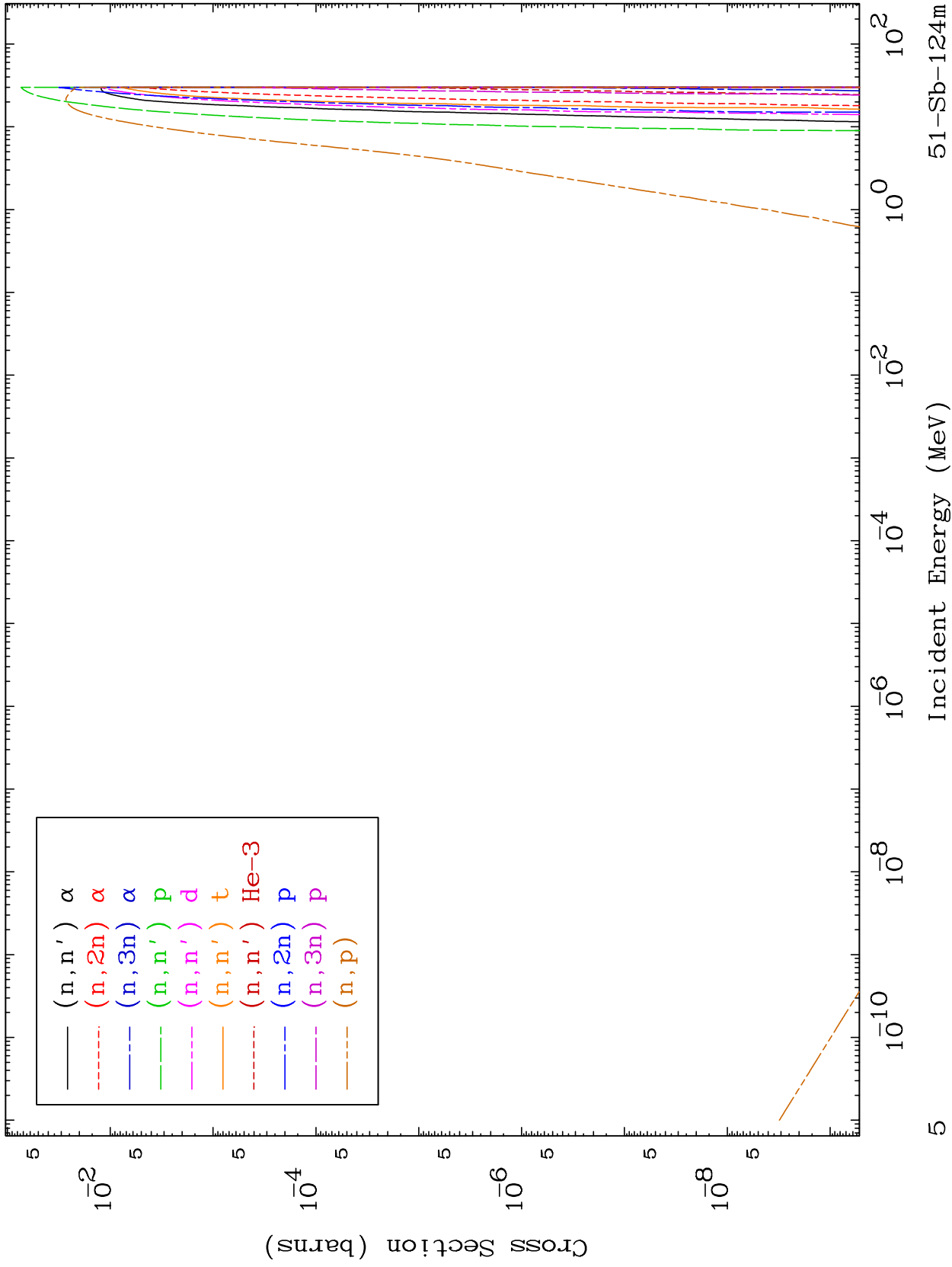
51-Sb-124m



MAT 5135

Charged Particle
293 Kelvin Cross Sections

51-Sb-124m

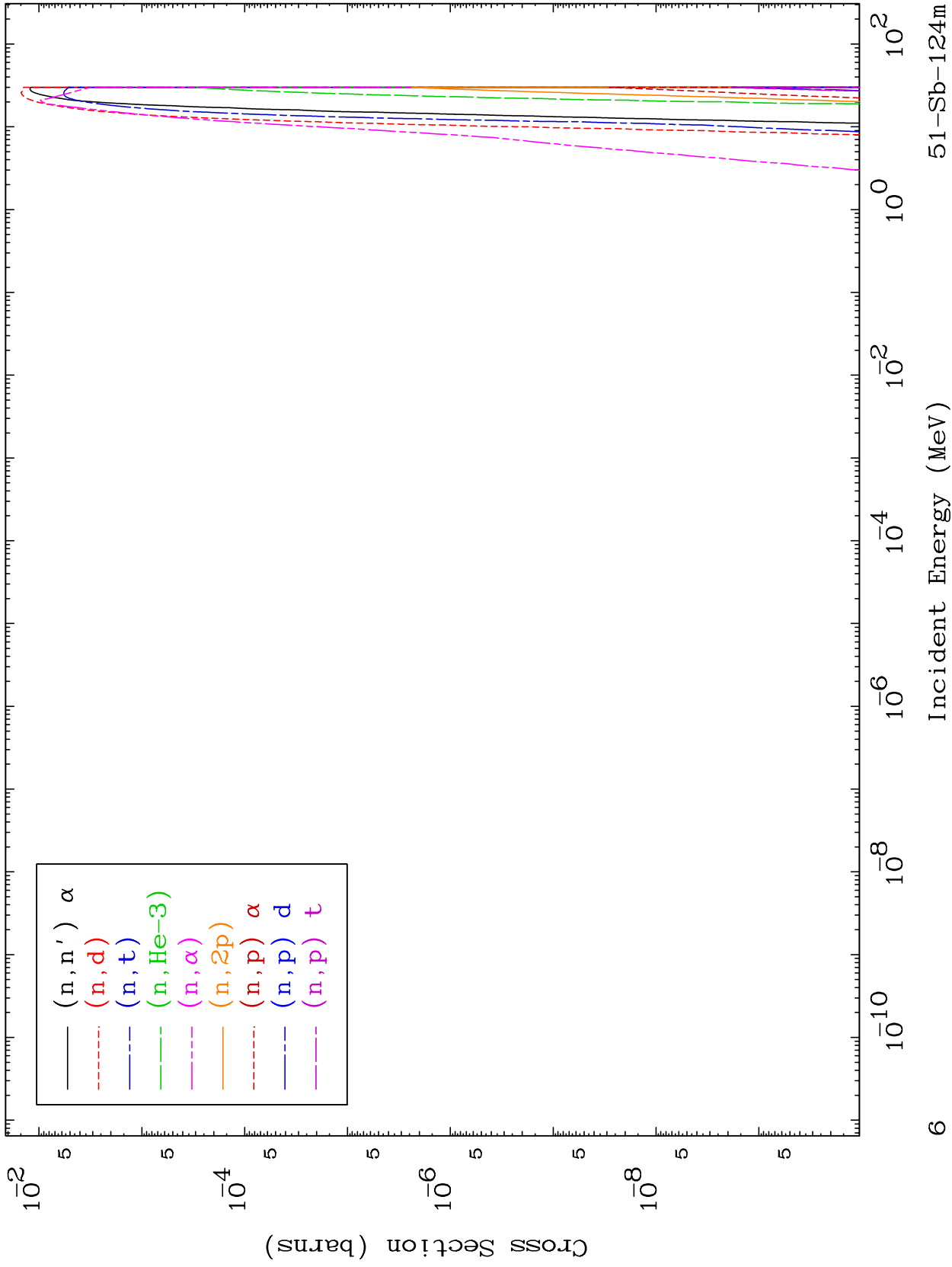


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MAT 5135

Charged Particle
293 Kelvin Cross Sections

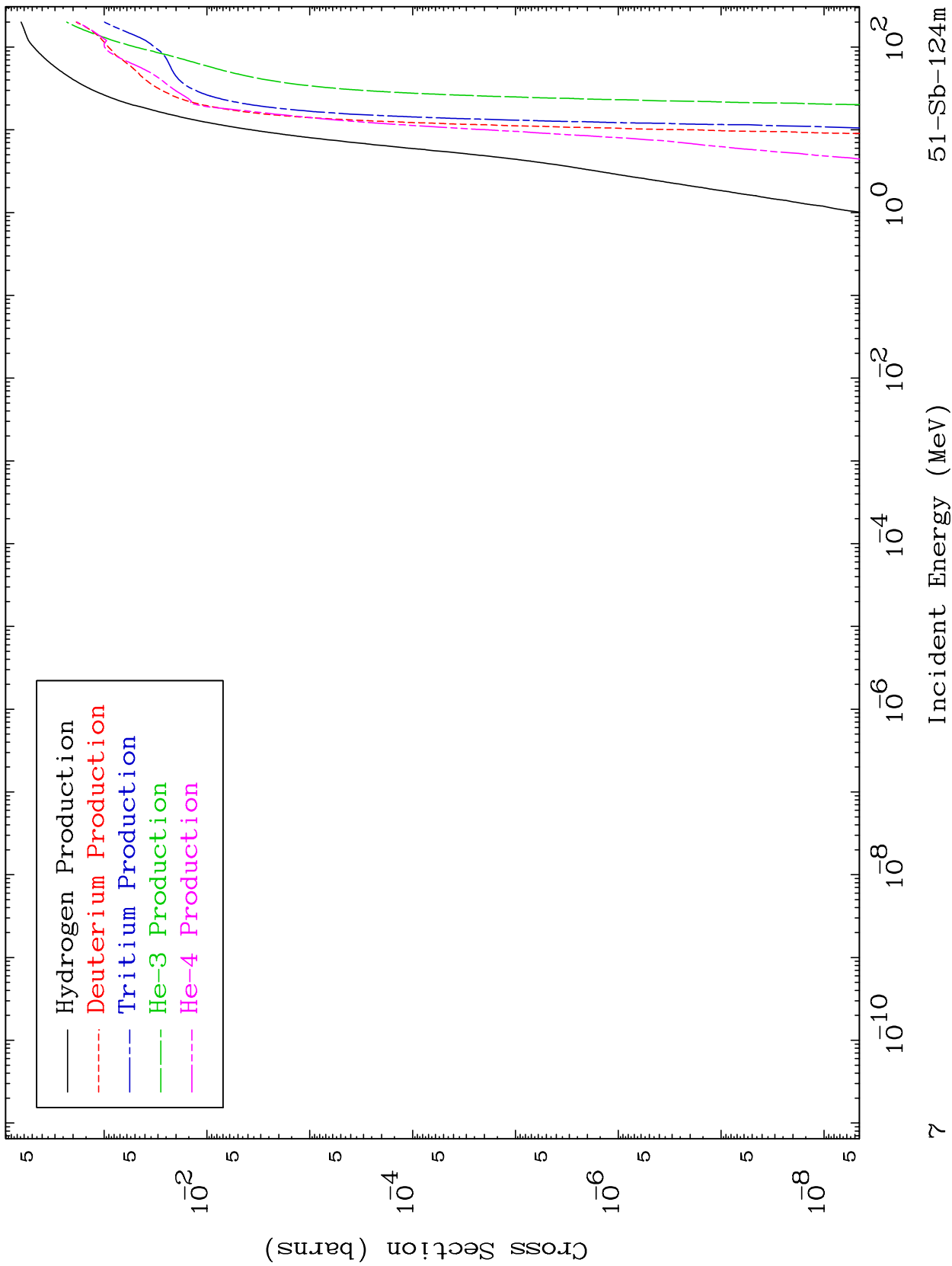
51-Sb-124m



MAT 5135

Particle Production
293 Kelvin Cross Sections

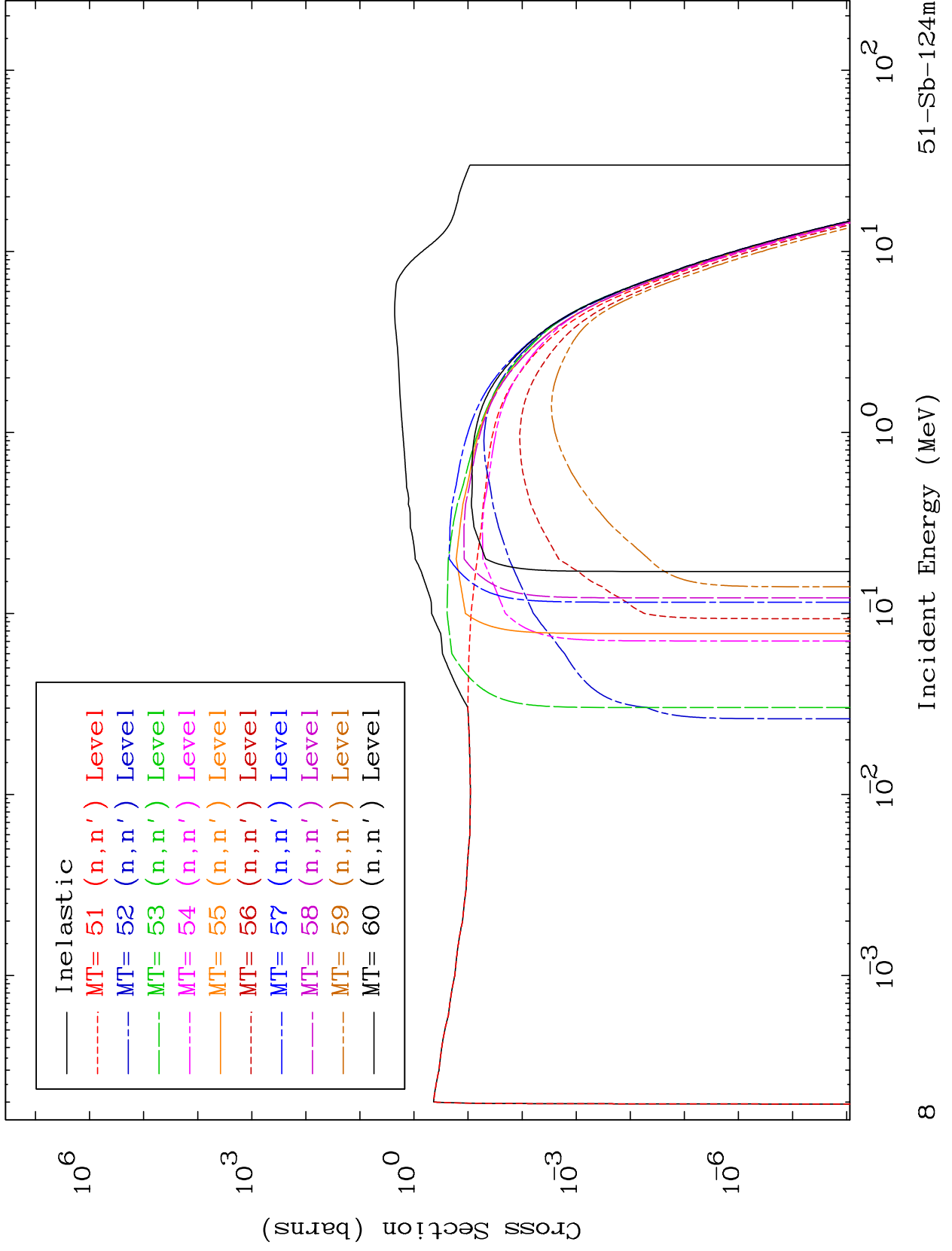
51-Sb-124m



MAT 5135

(n,n') Levels
293 Kelvin Cross Sections

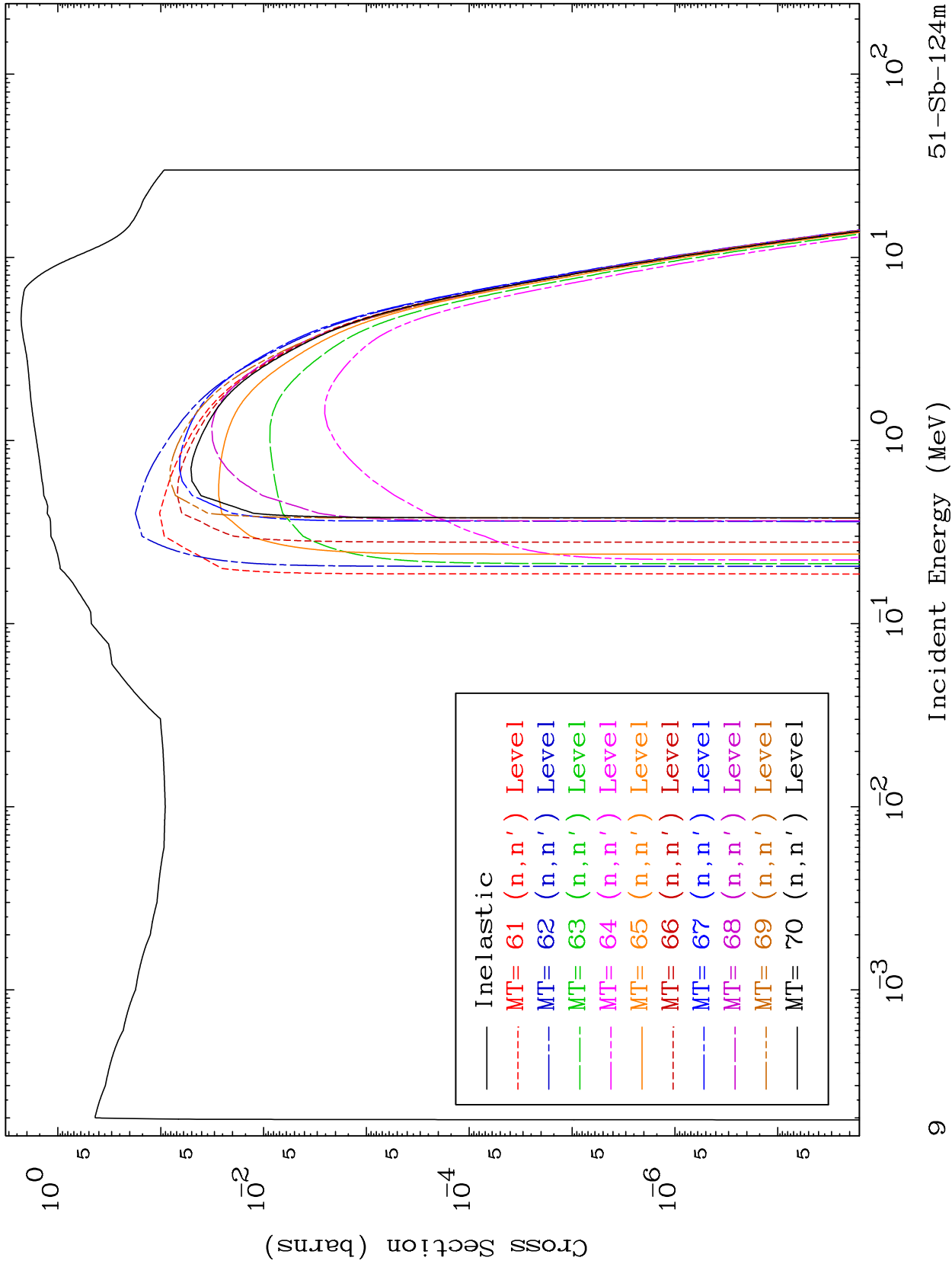
51-Sb-124m



MAT 5135

(n,n') Levels
293 Kelvin Cross Sections

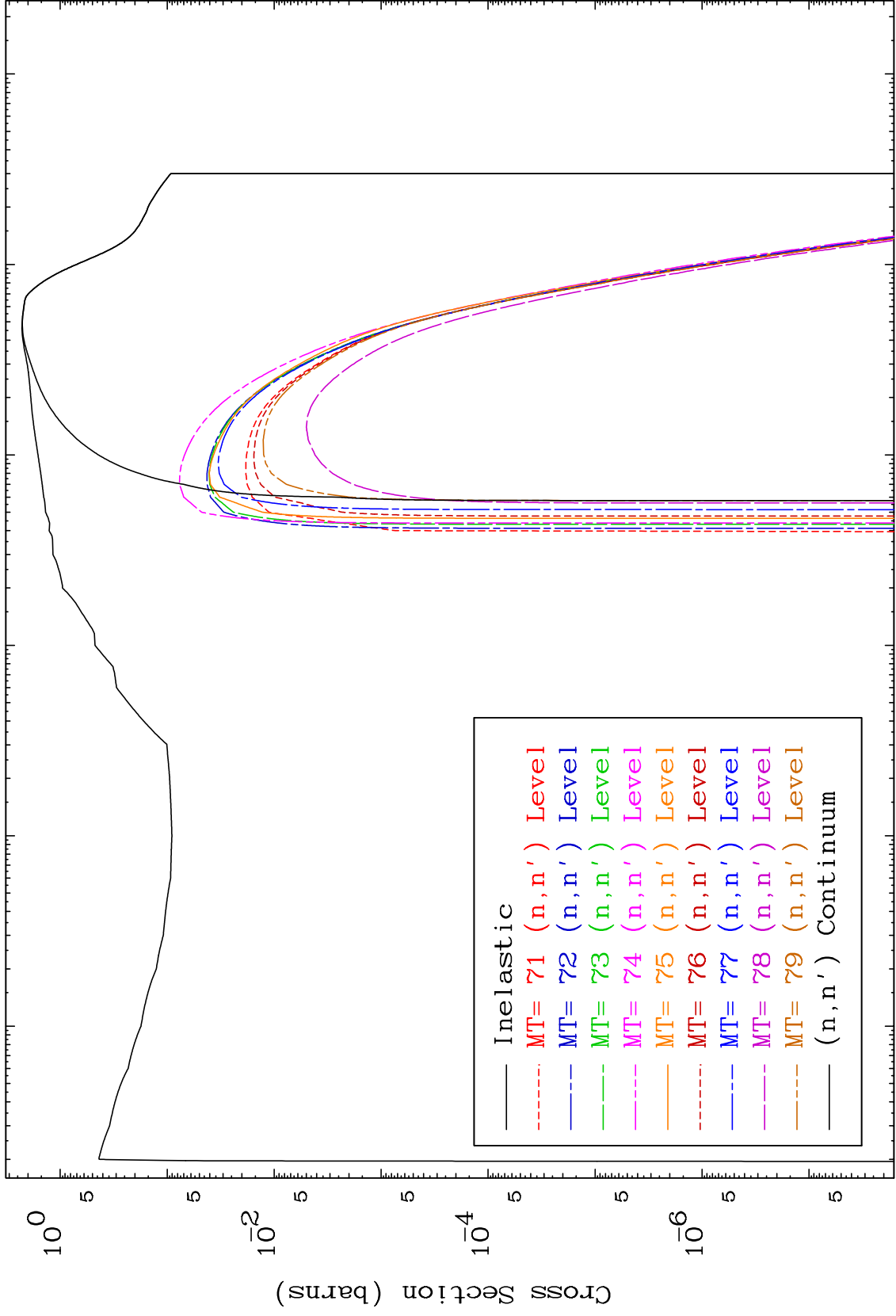
51-Sb-124m



MAT 5135

(n,n') Levels
293 Kelvin Cross Sections

51-Sb-124m



10

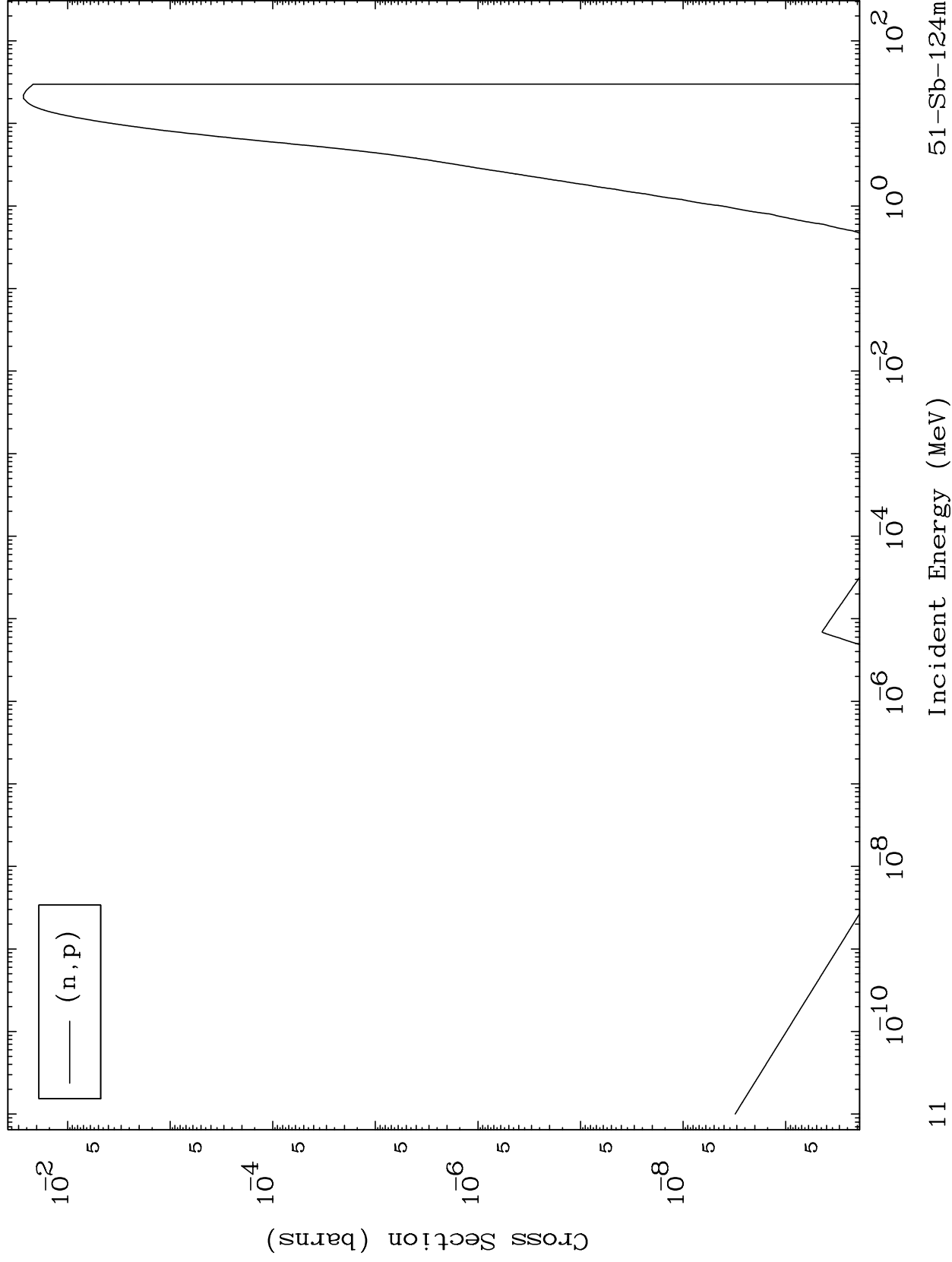
Incident Energy (MeV)

51-Sb-124m

MAT 5135

(n,p) Levels
293 Kelvin Cross Sections

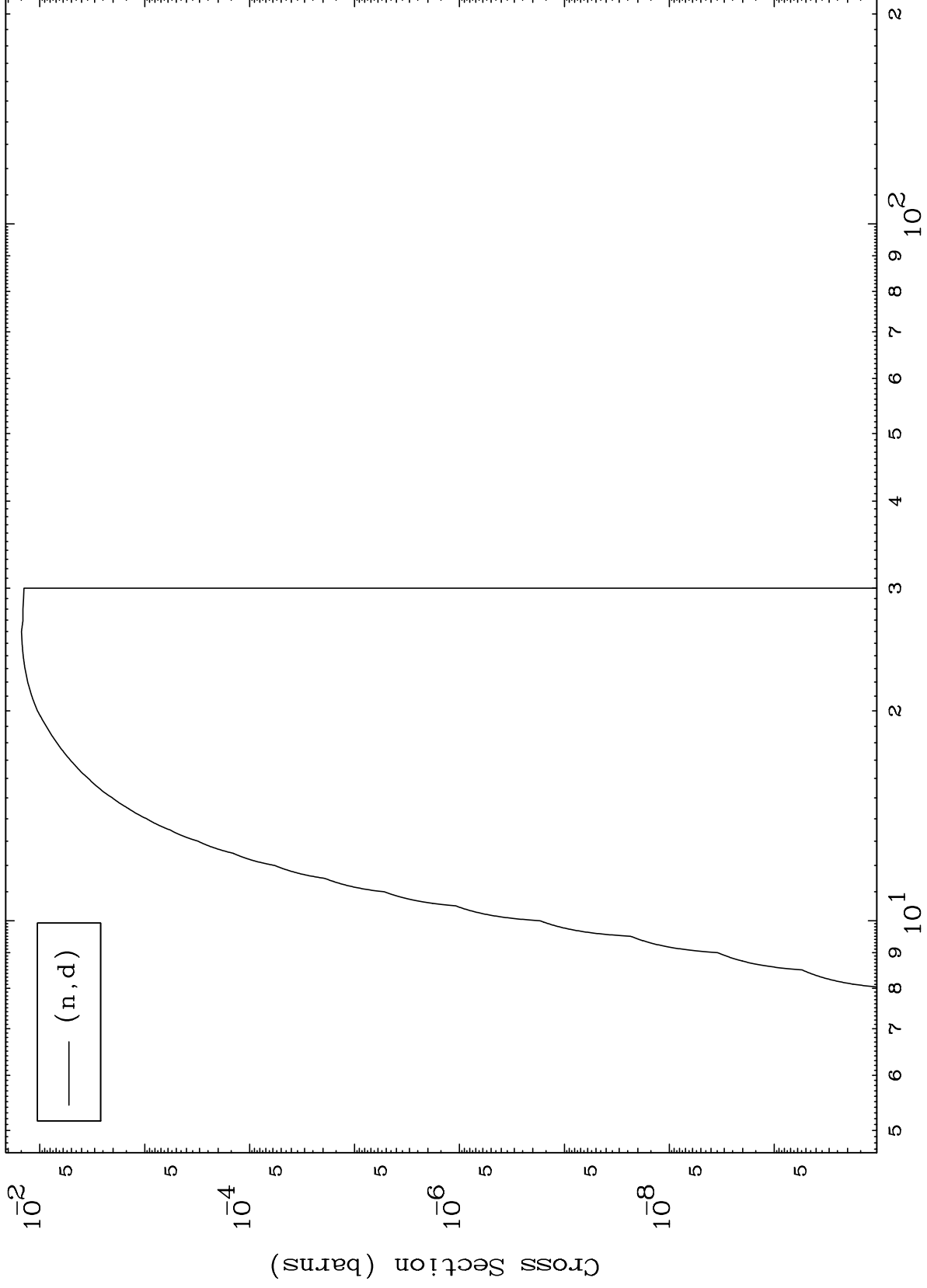
51-Sb-124m



MAT 5135

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-124m



12

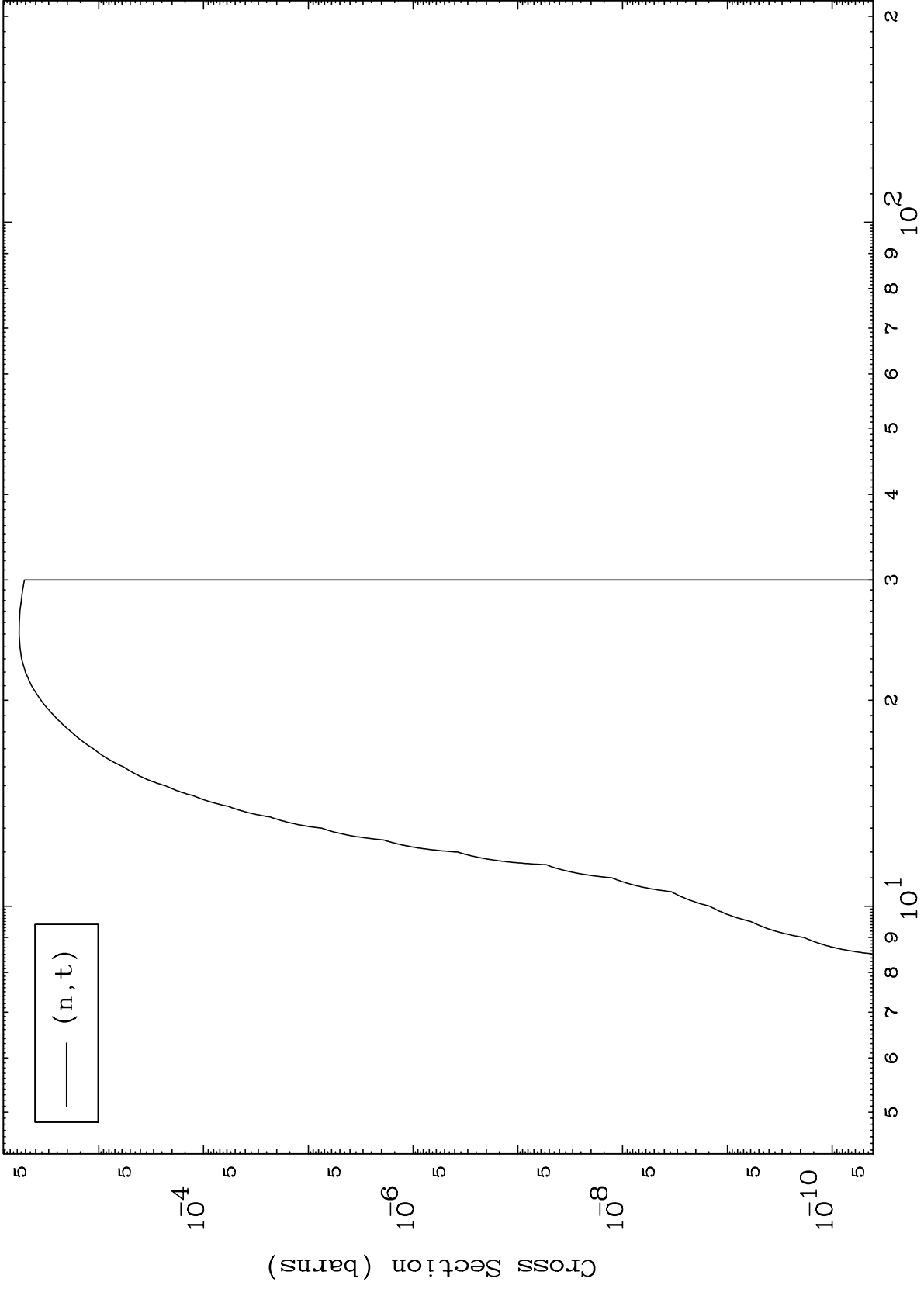
Incident Energy (MeV)

51-Sb-124m

MAT 5135

(n,t) Levels
293 Kelvin Cross Sections

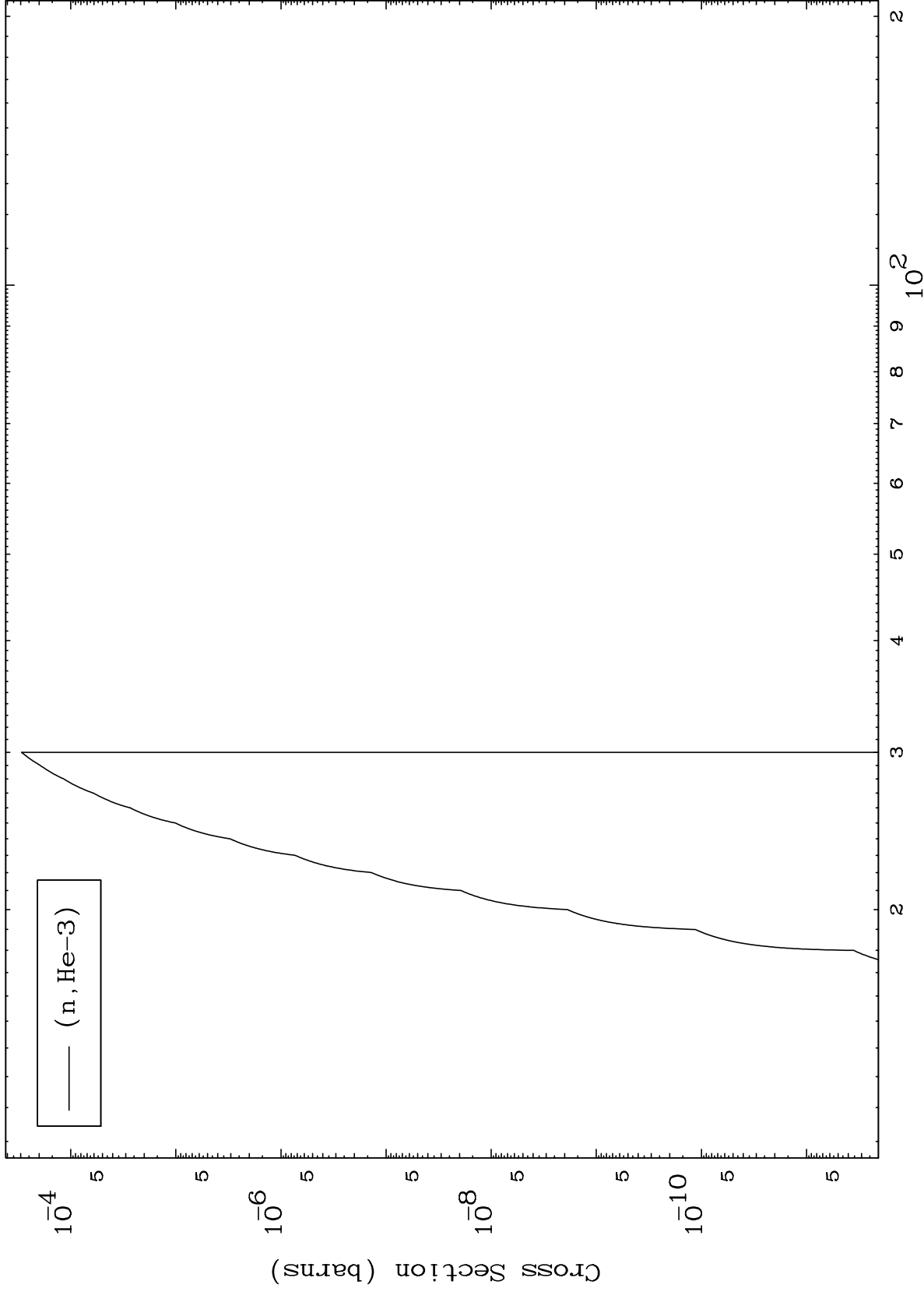
51-Sb-124m



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(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-124m



14

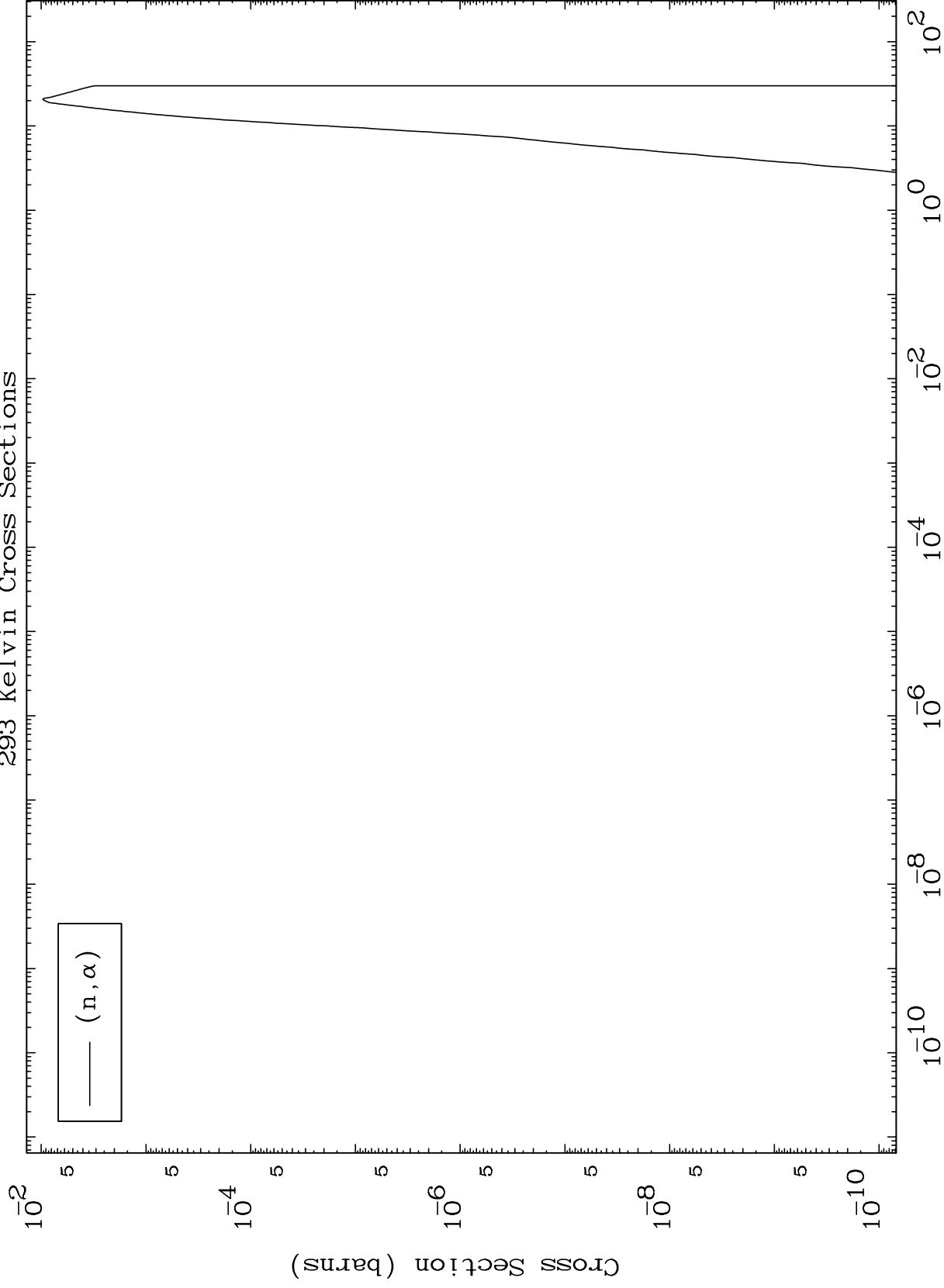
Incident Energy (MeV)

51-Sb-124m

MAT 5135

(n, α) Levels
293 Kelvin Cross Sections

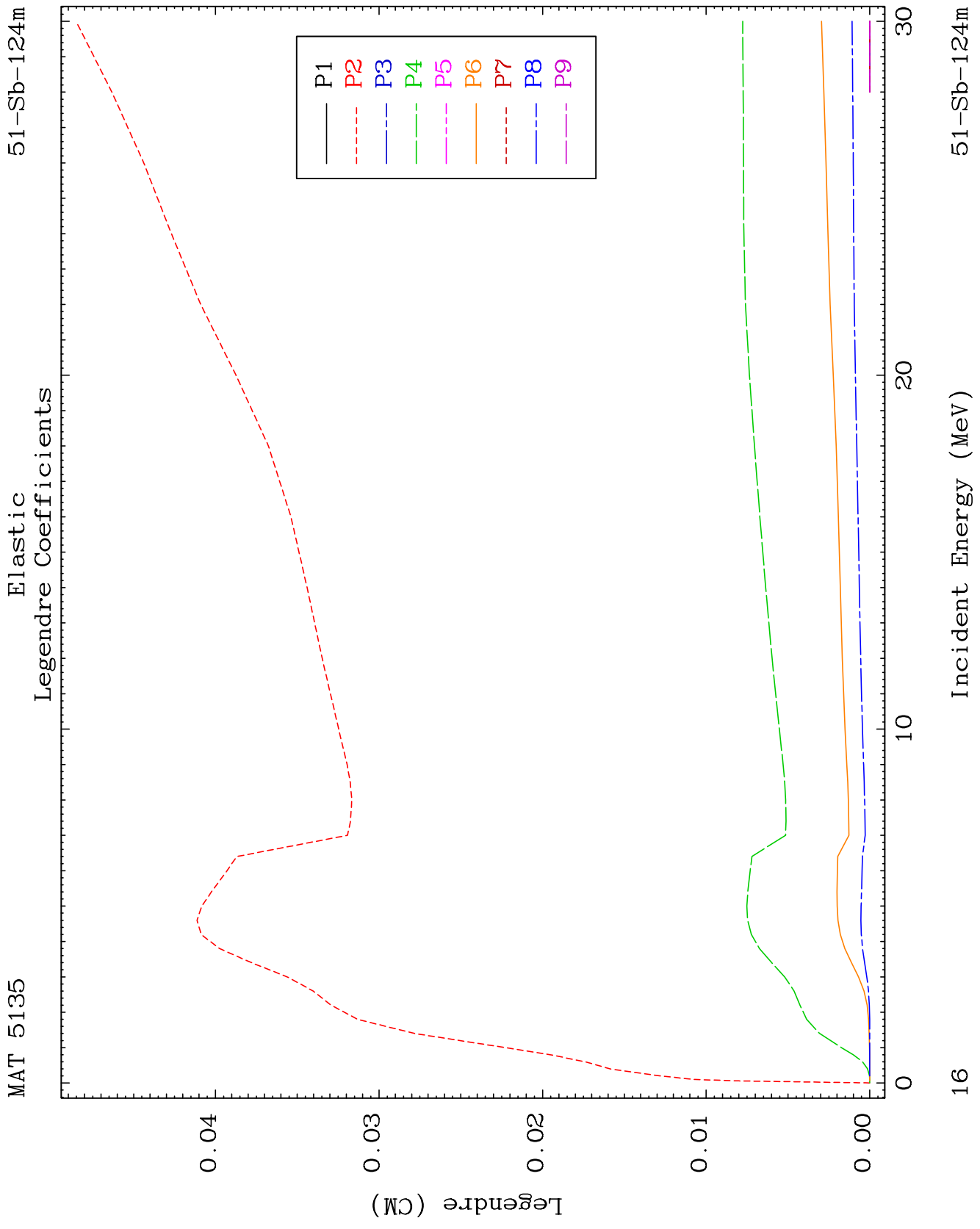
51-Sb-124m



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Incident Energy (MeV)

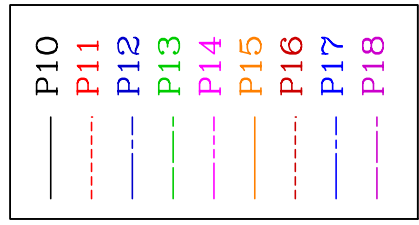
51-Sb-124m



MAT 5135

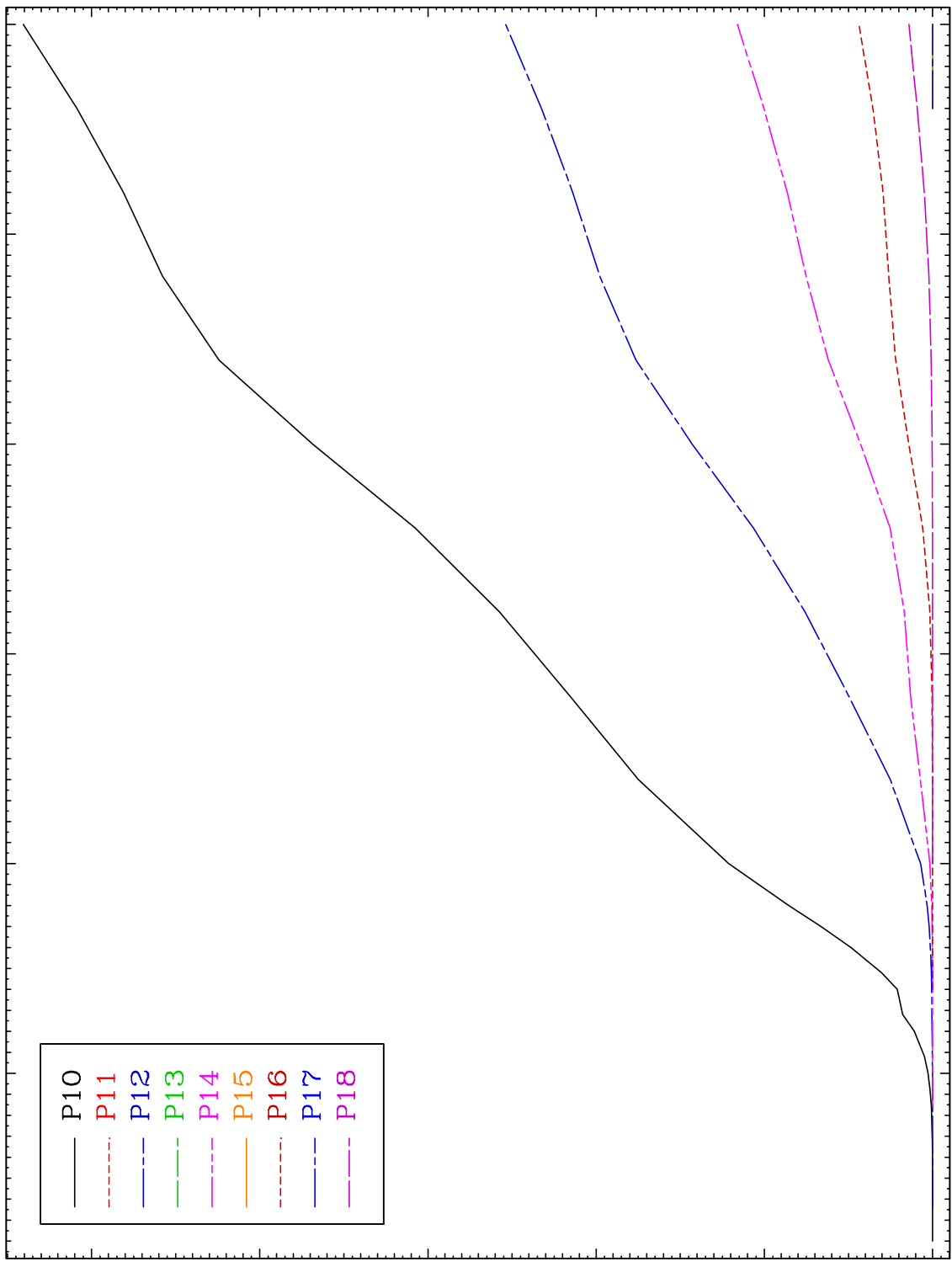
Elastic Legendre Coefficients

51-Sb-124m



$\times 10^{-4}$

Legendre (CM)



17

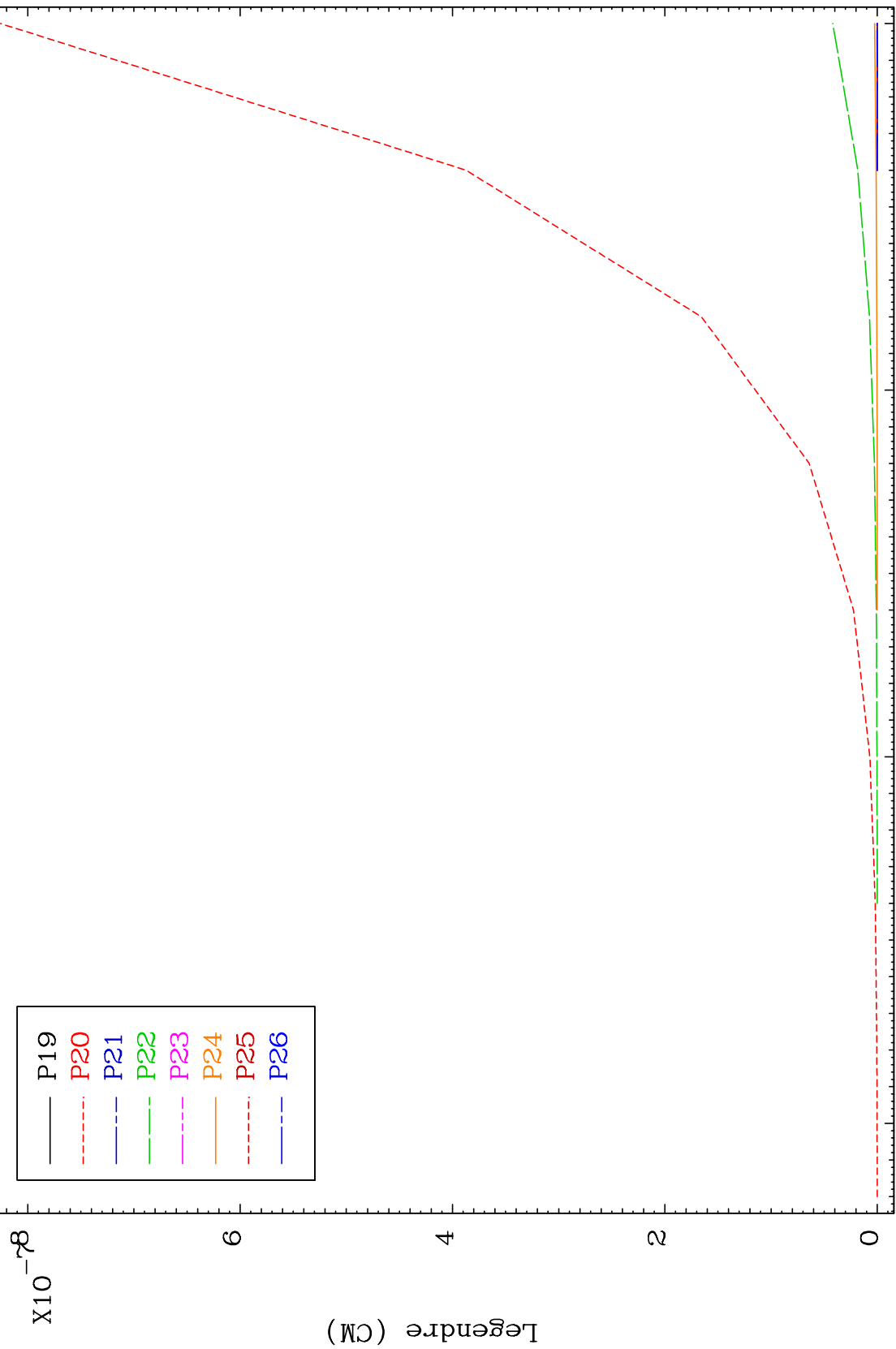
Incident Energy (MeV)

51-Sb-124m

MAT 5135

Elastic
Legendre Coefficients

51-Sb-124m



18

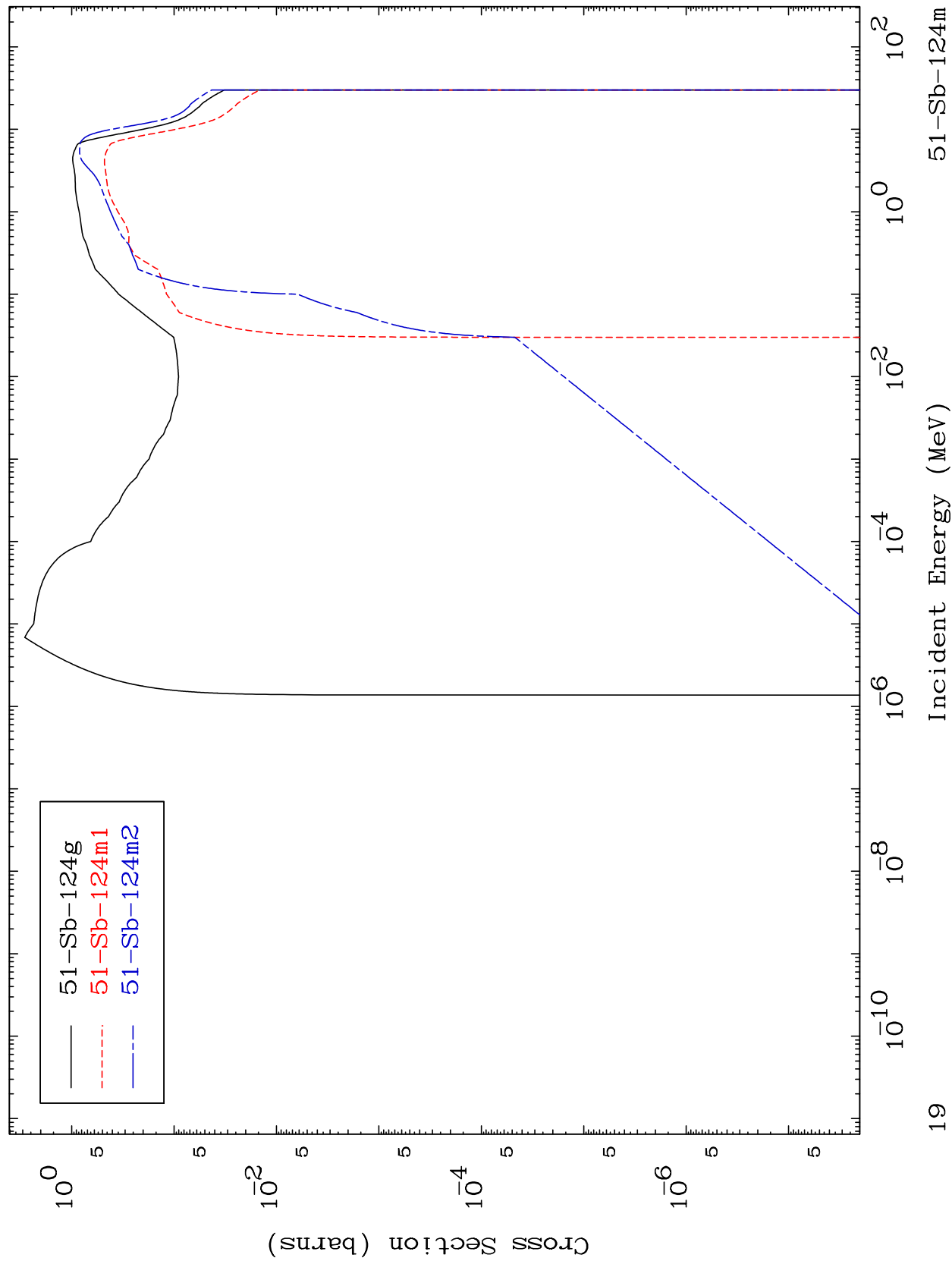
Incident Energy (MeV)

51-Sb-124m

MAT 5135

51-Sb-124m

Inelastic
Radionuclide Production Cross Section

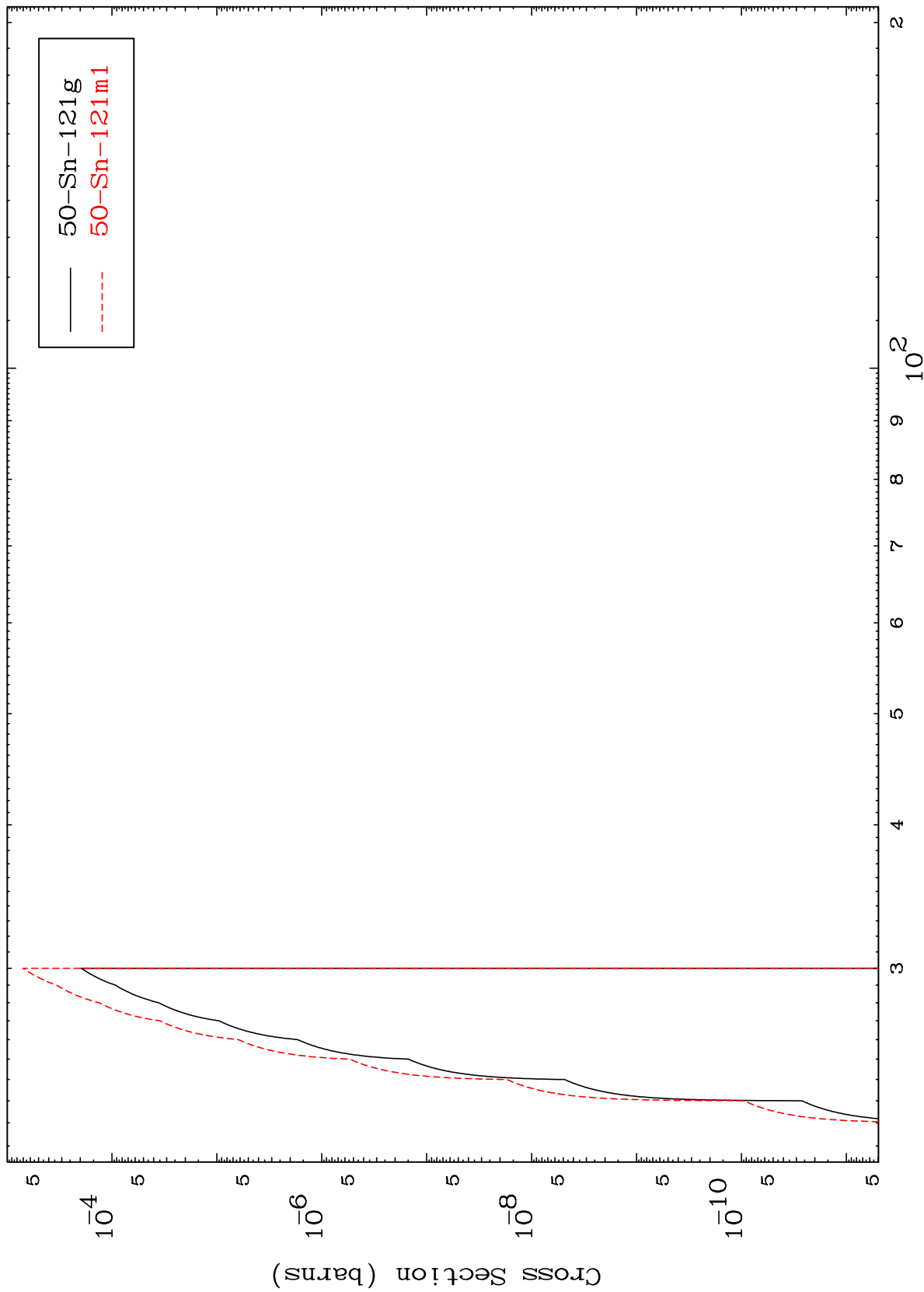


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(n,2n) d

51-Sb-124m

Radionuclide Production Cross Section



50-Sn-121g
50-Sn-121m1

20

Incident Energy (MeV)

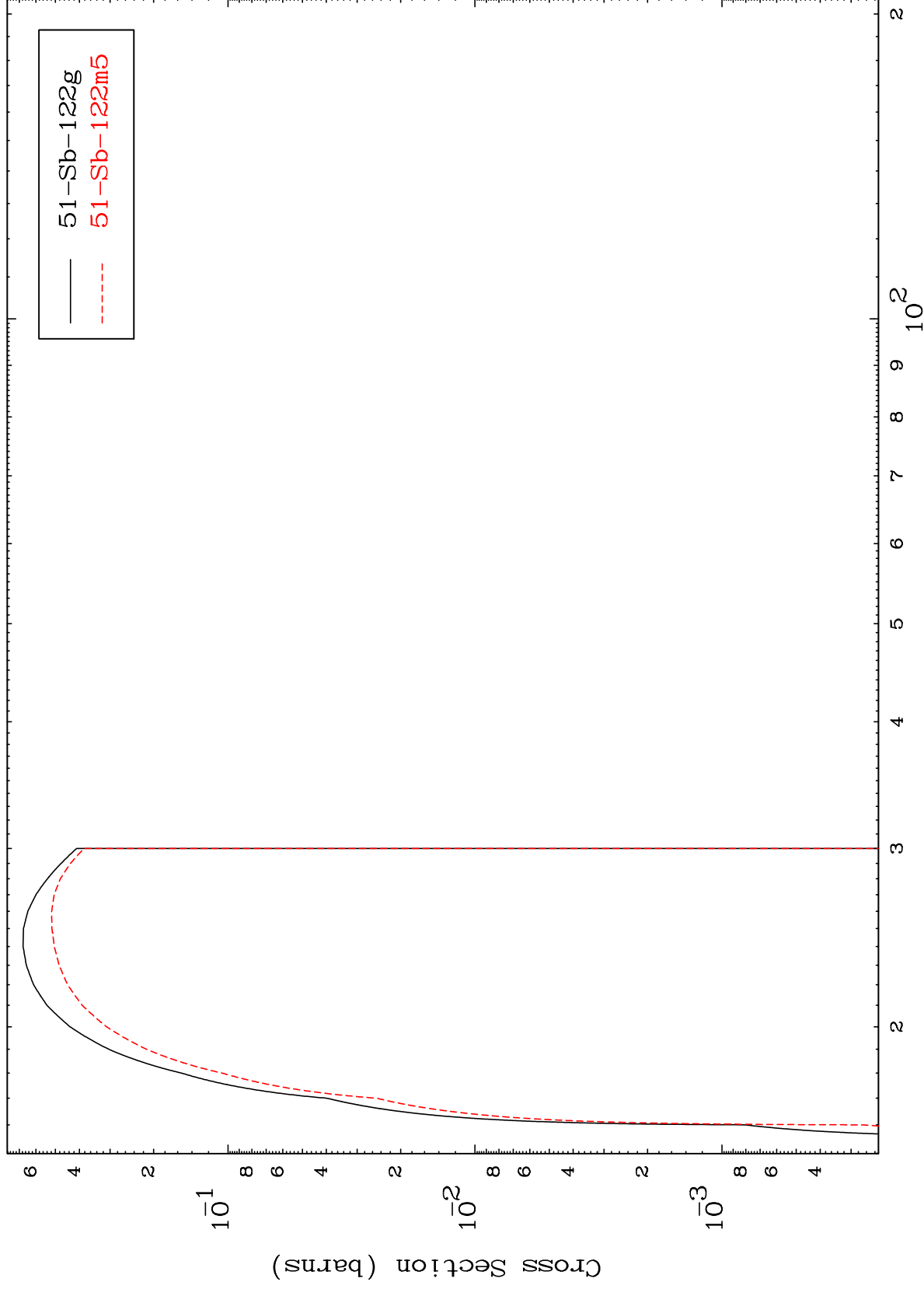
51-Sb-124m

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(n,3n)

51-Sb-124m

Radionuclide Production Cross Section



21

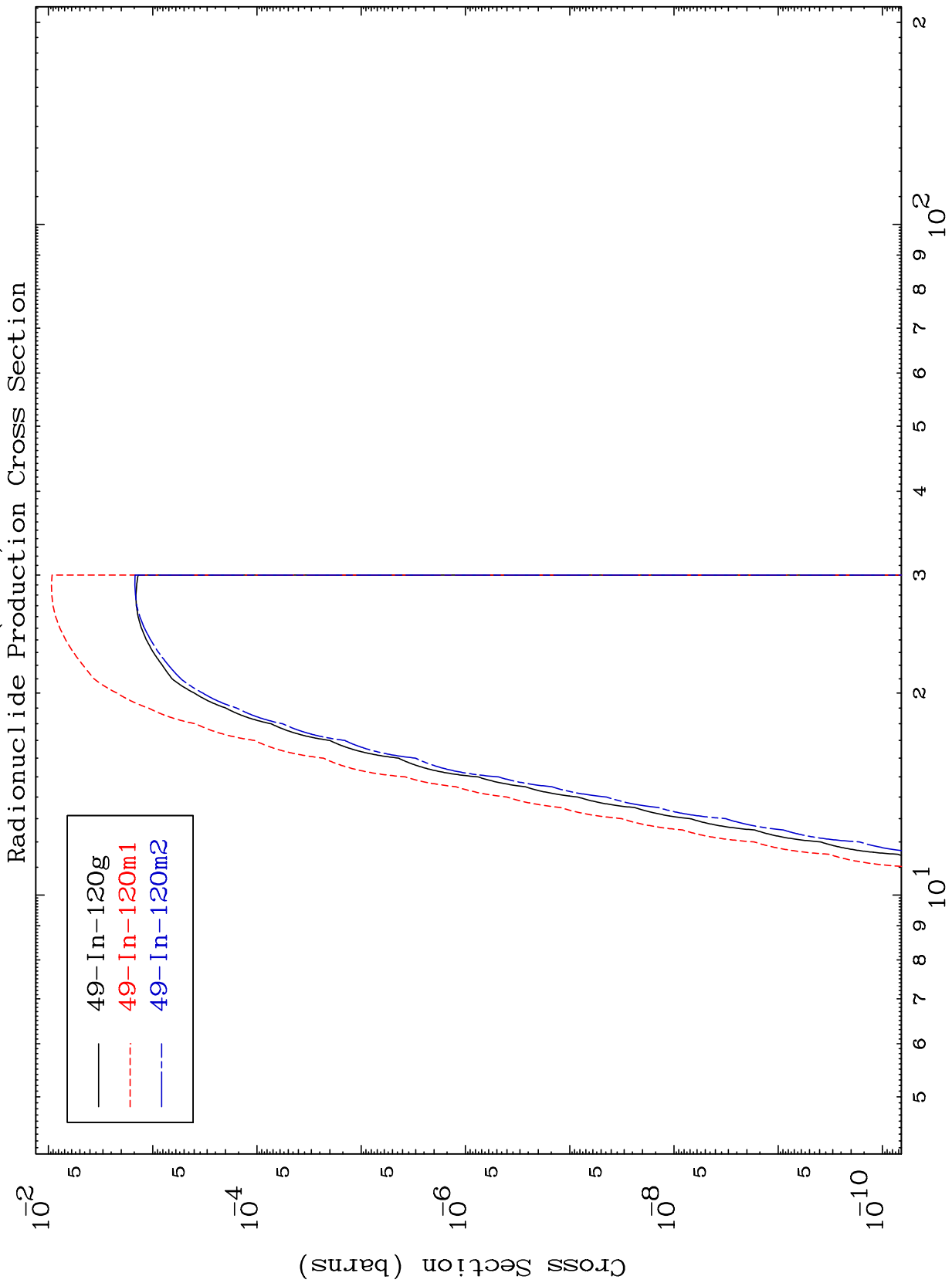
Incident Energy (MeV)

51-Sb-124m

MAT 5135

(n,n') α

51-Sb-124m

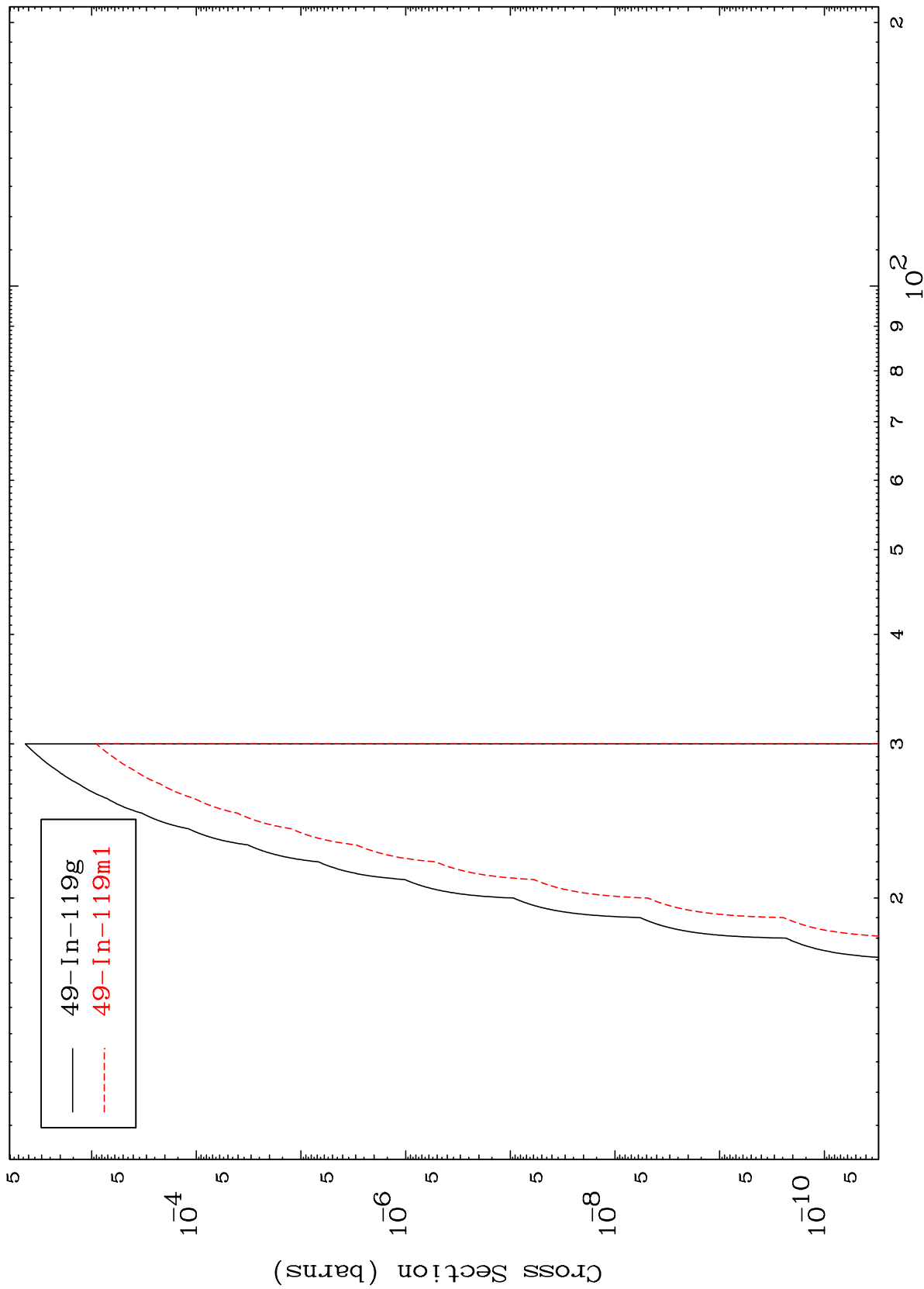


MAT 5135

51-Sb-124m

(n,2n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-124m

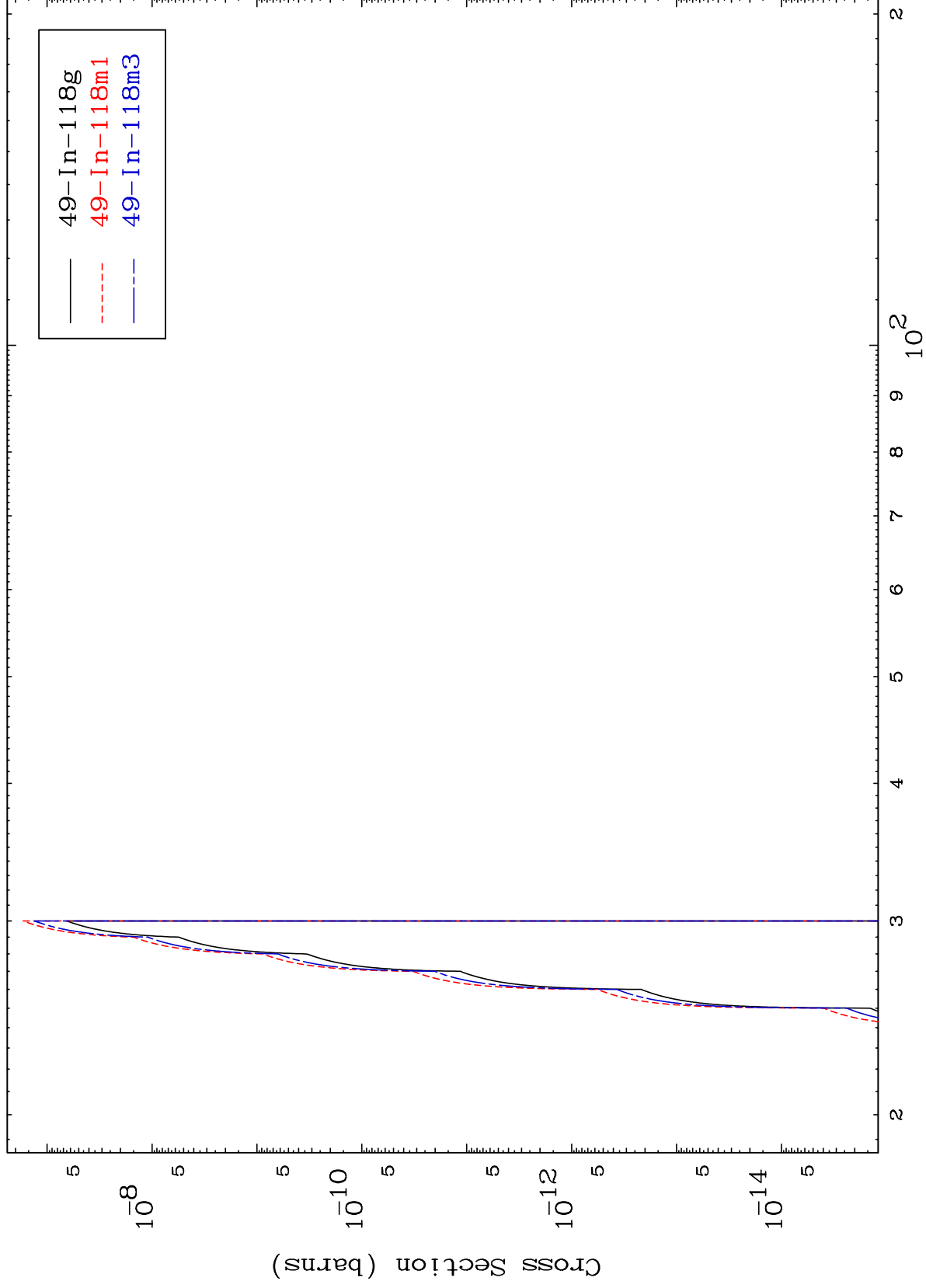
23

MAT 5135

(n,3n) α

51-Sb-124m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

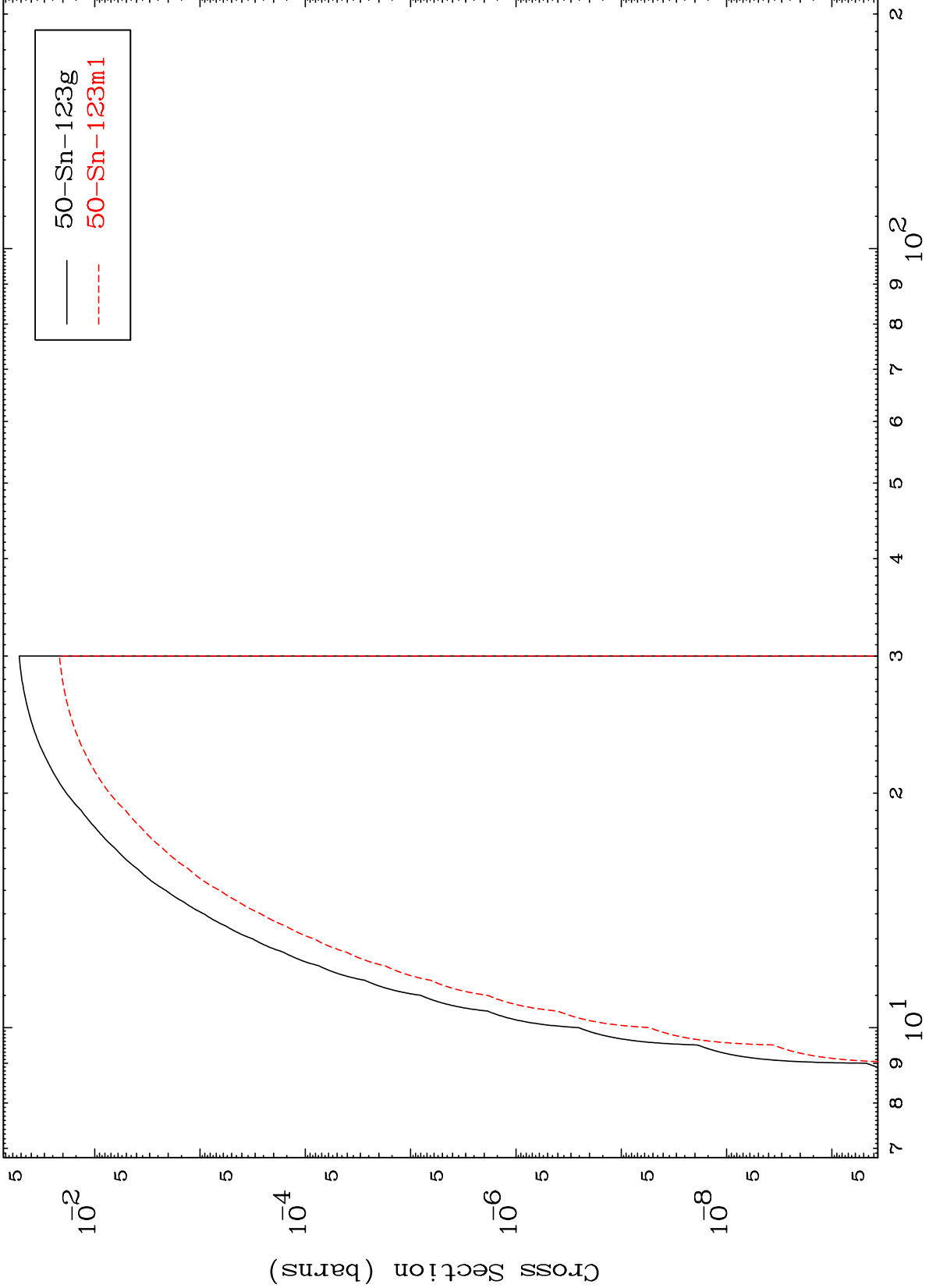
51-Sb-124m

MAT 5135

(n,n') p

51-Sb-124m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

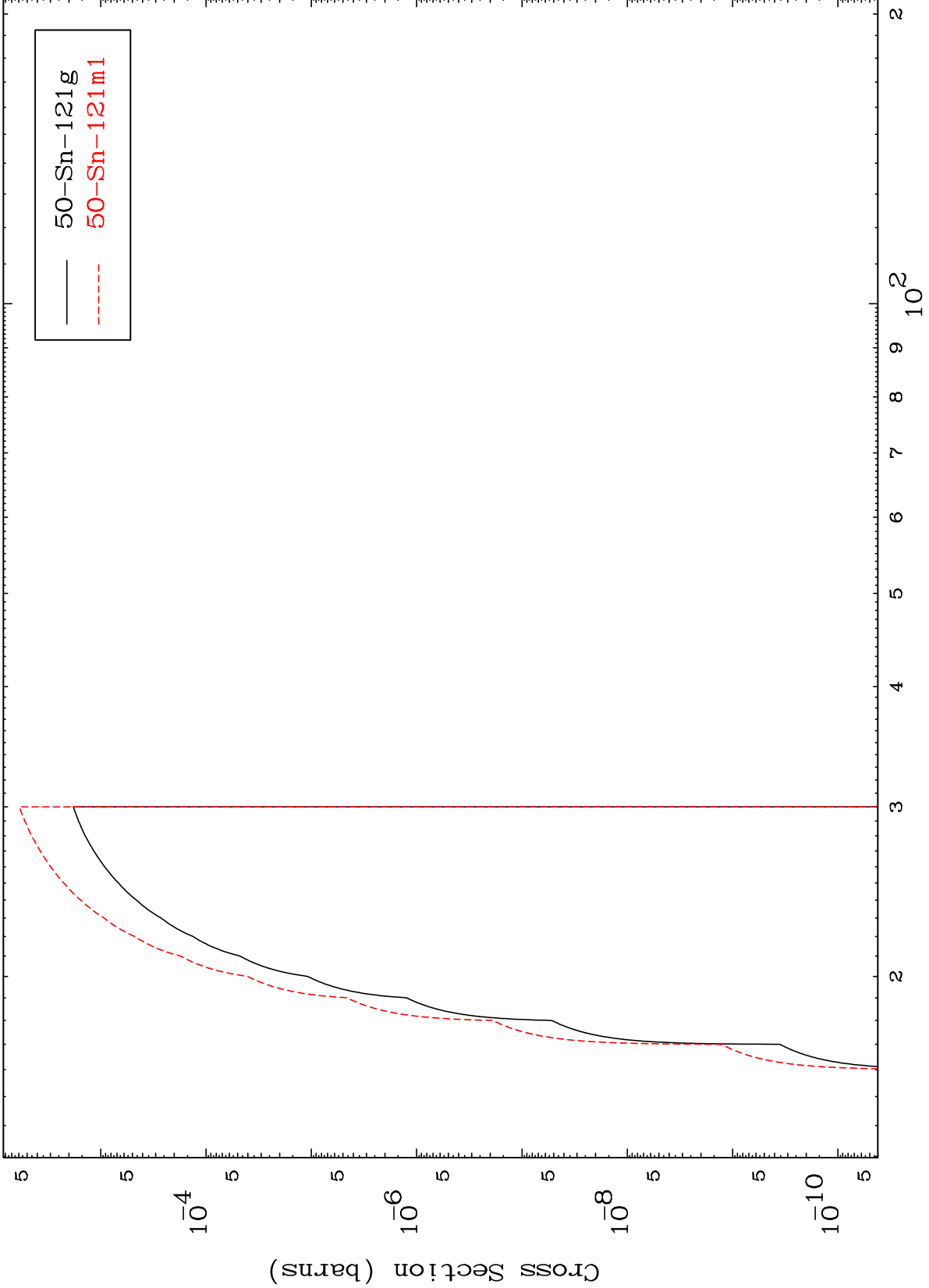
51-Sb-124m

MAT 5135

(n,n') t

51-Sb-124m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

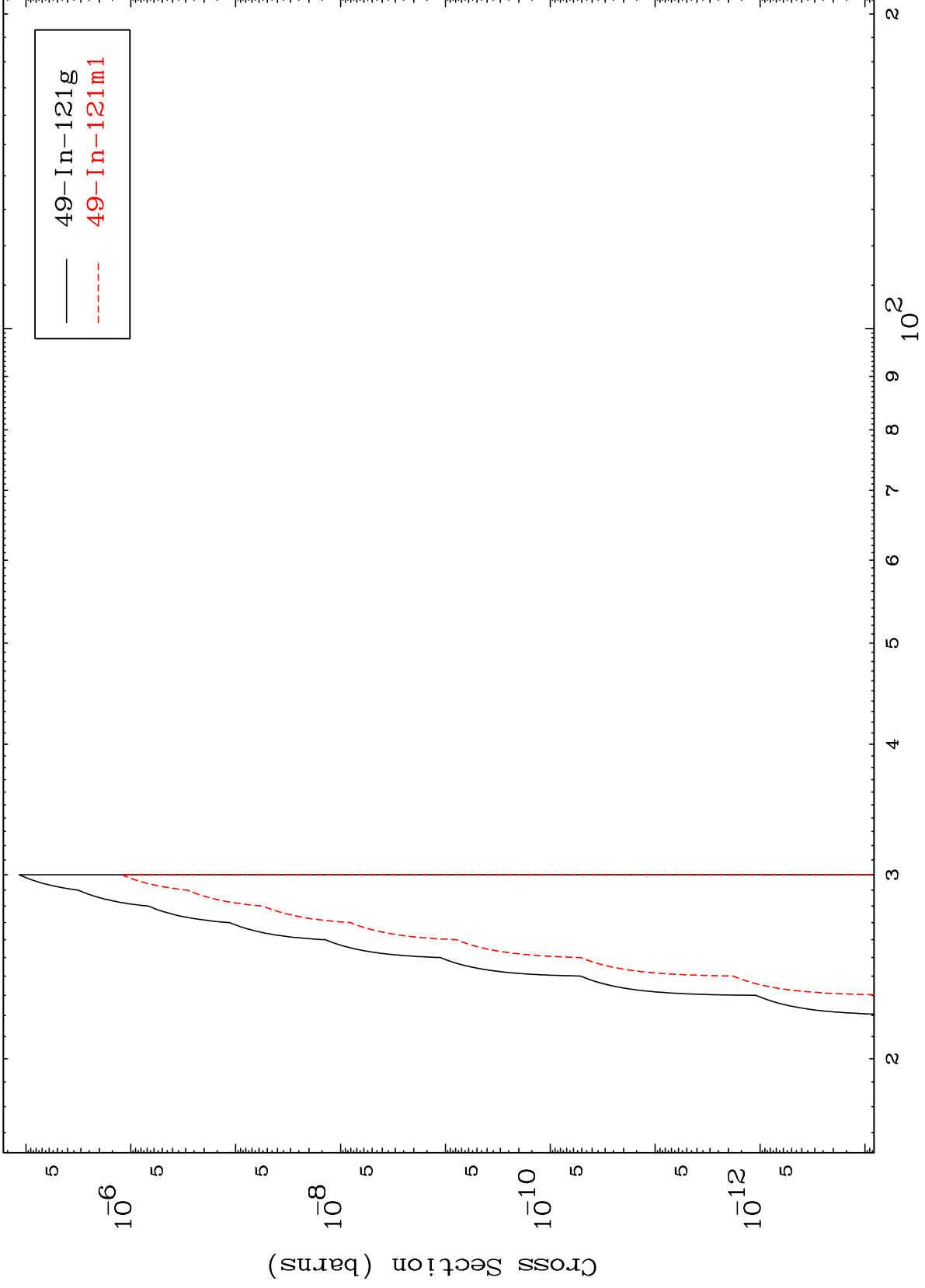
51-Sb-124m

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(n,n') He-3

51-Sb-124m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

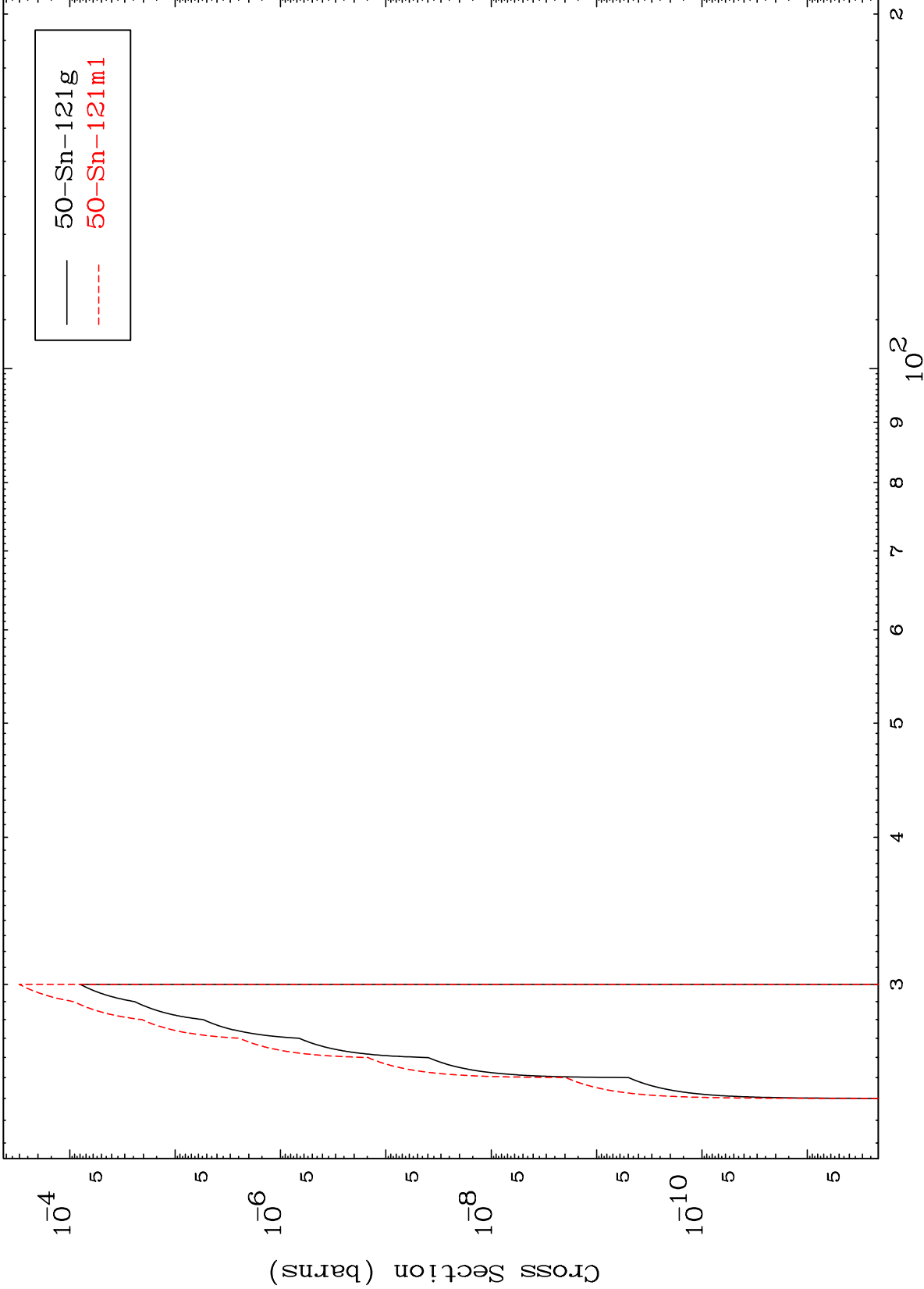
51-Sb-124m

MAT 5135

(n,3n) p

51-Sb-124m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

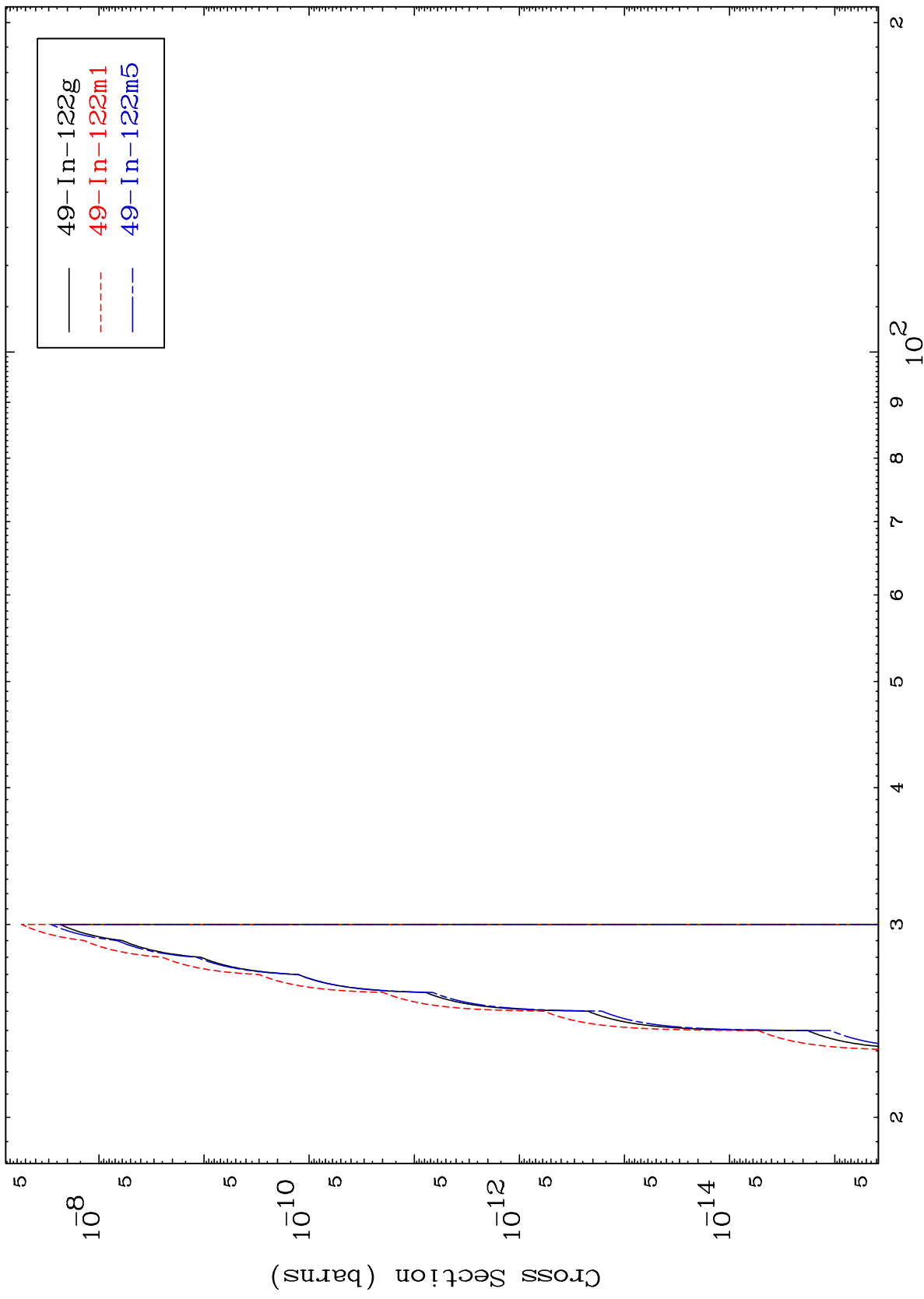
51-Sb-124m

MAT 5135

(n,2n) p

51-Sb-124m

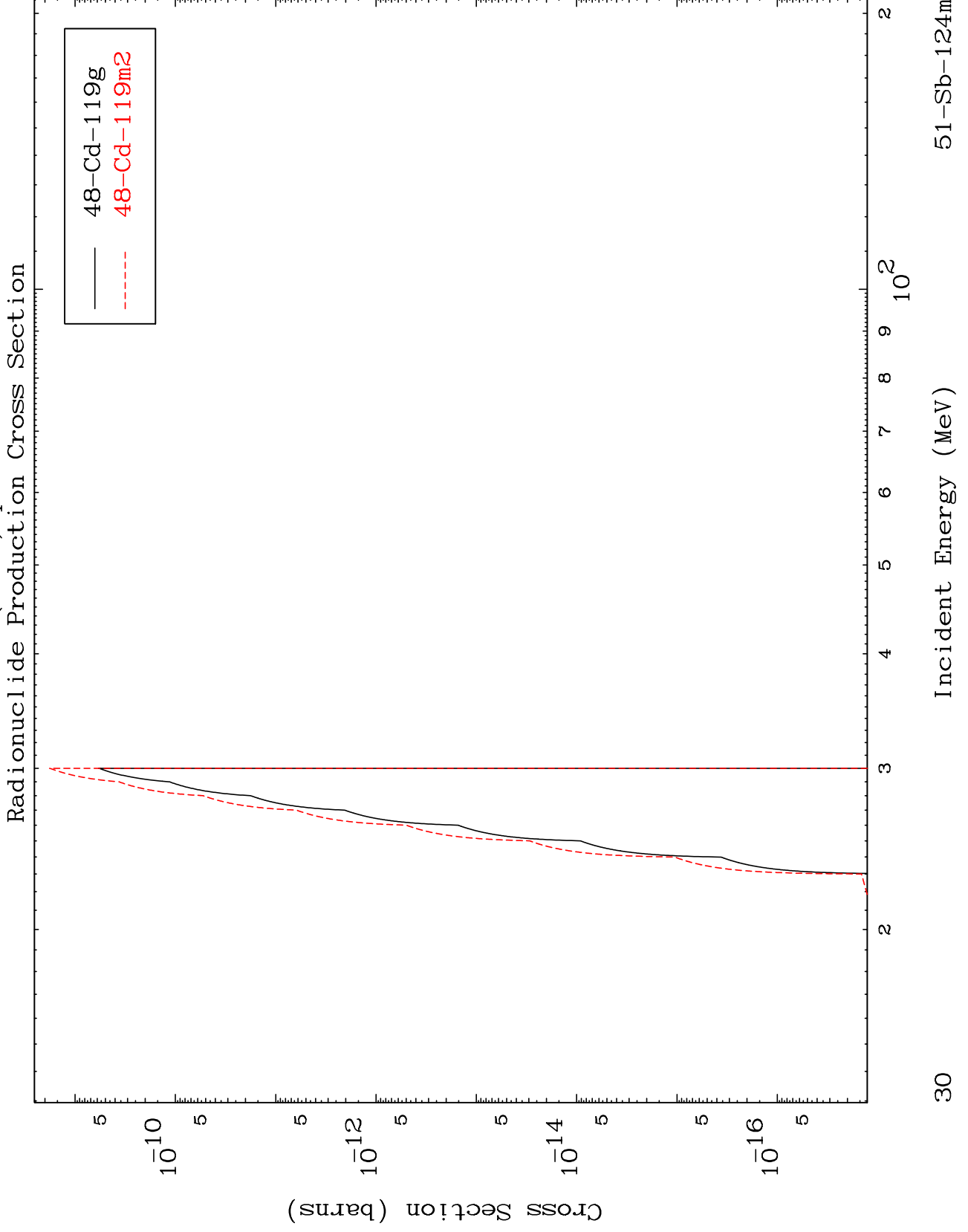
Radionuclide Production Cross Section



29

Incident Energy (MeV)

51-Sb-124m

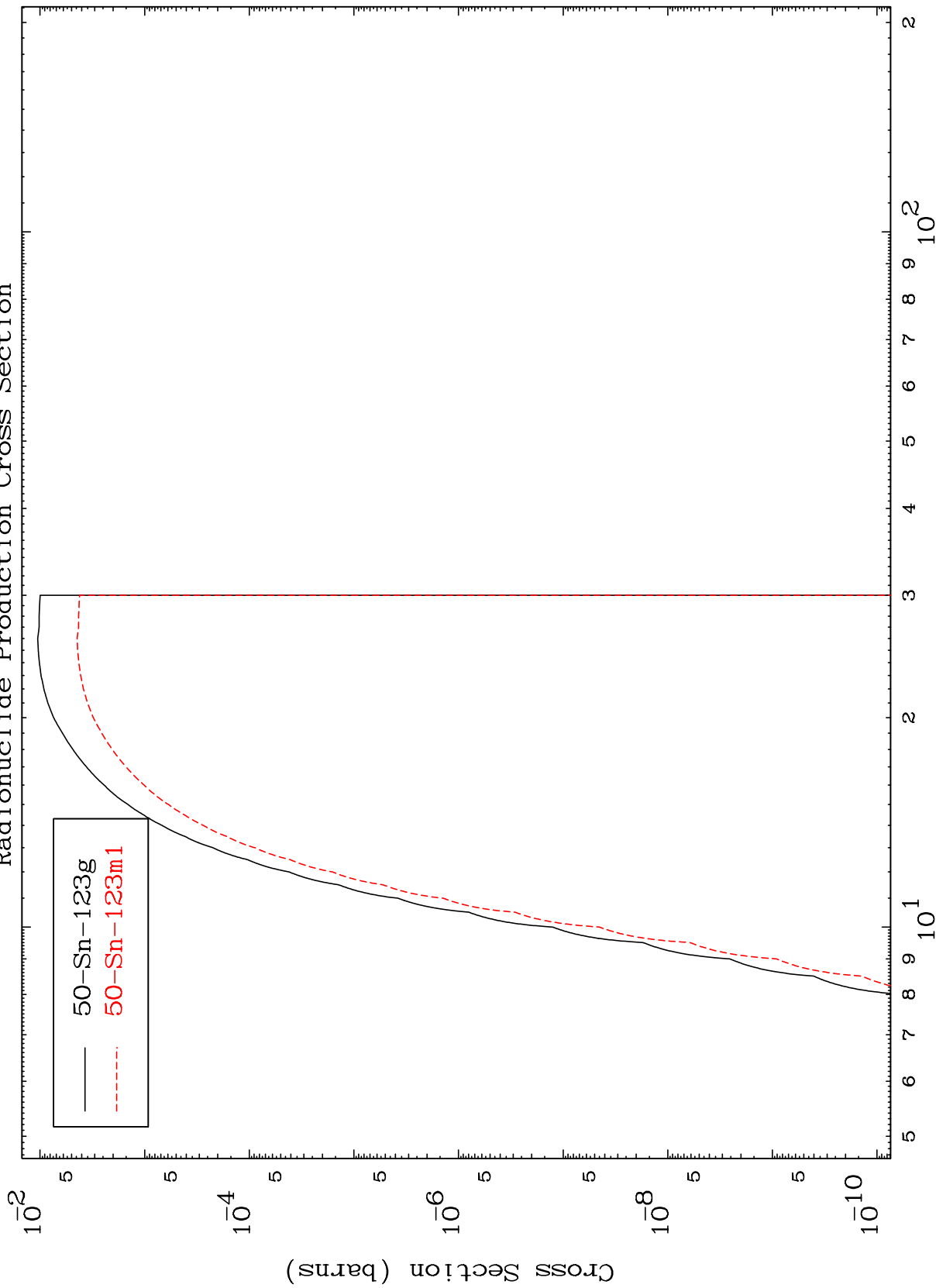


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(n,d)

51-Sb-124m

Radionuclide Production Cross Section



— 50-Sn-123g
- - - 50-Sn-123m1

Incident Energy (MeV)

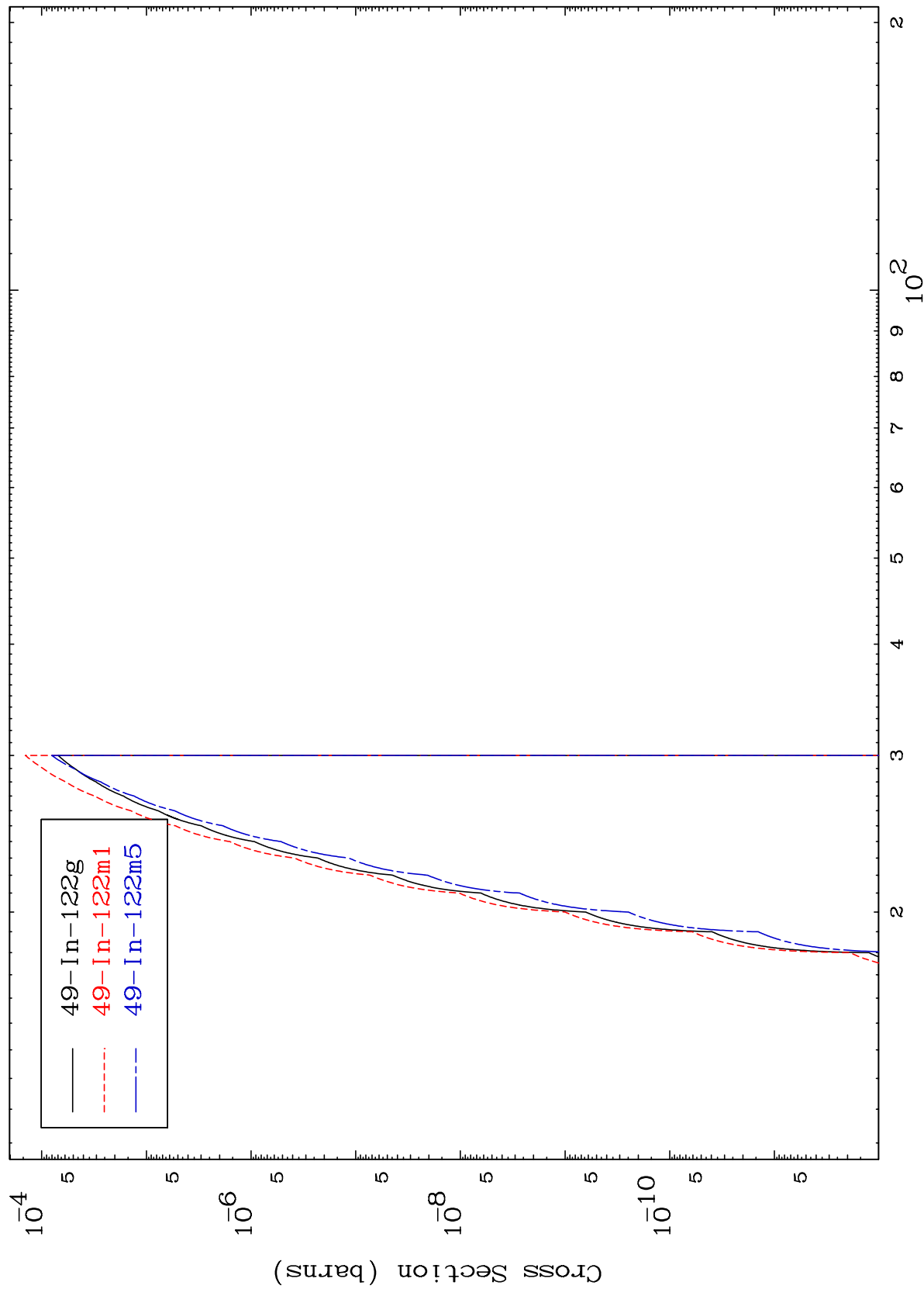
51-Sb-124m

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MAT 5135

51-Sb-124m

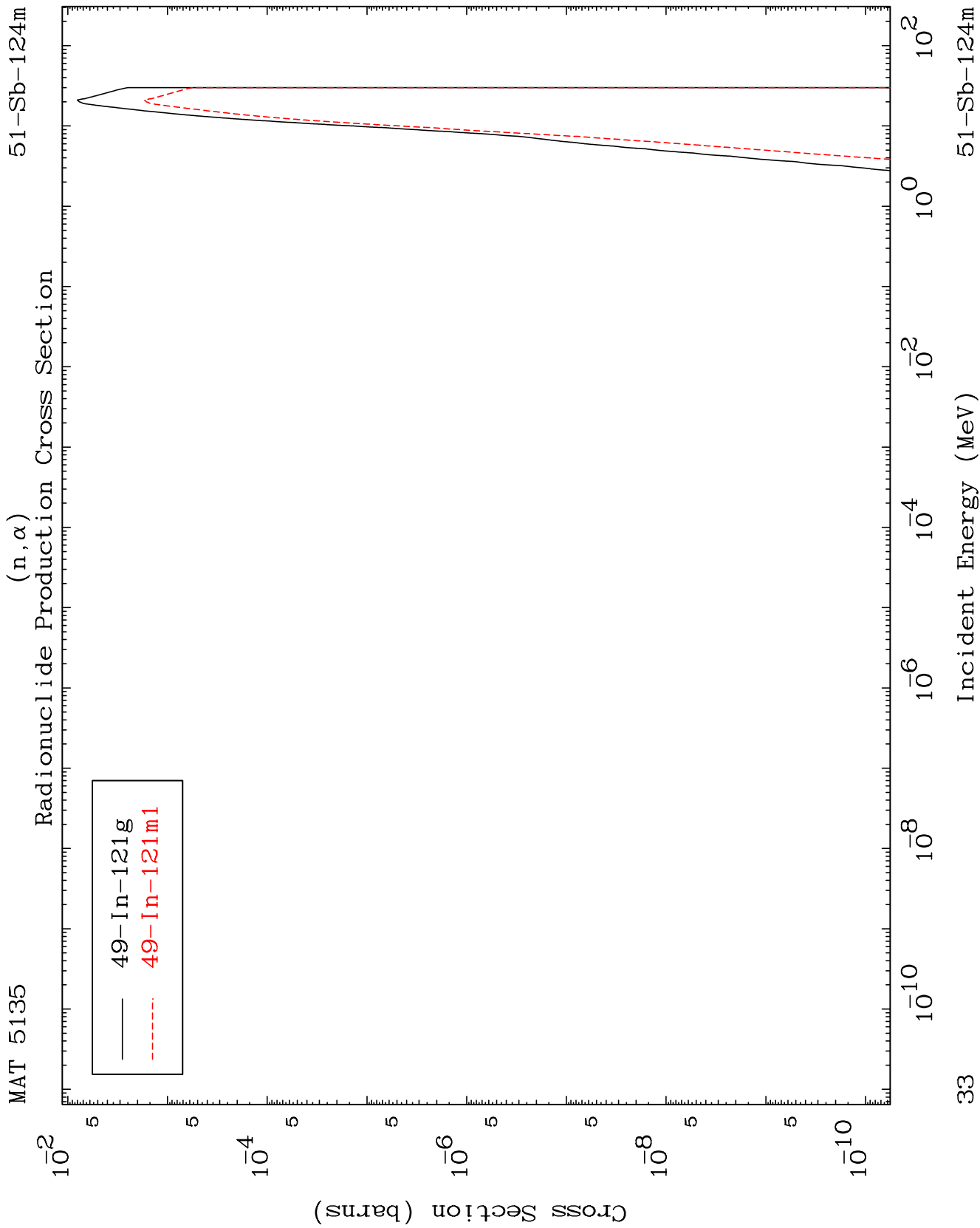
(n,He-3)
Radionuclide Production Cross Section



51-Sb-124m

Incident Energy (MeV)

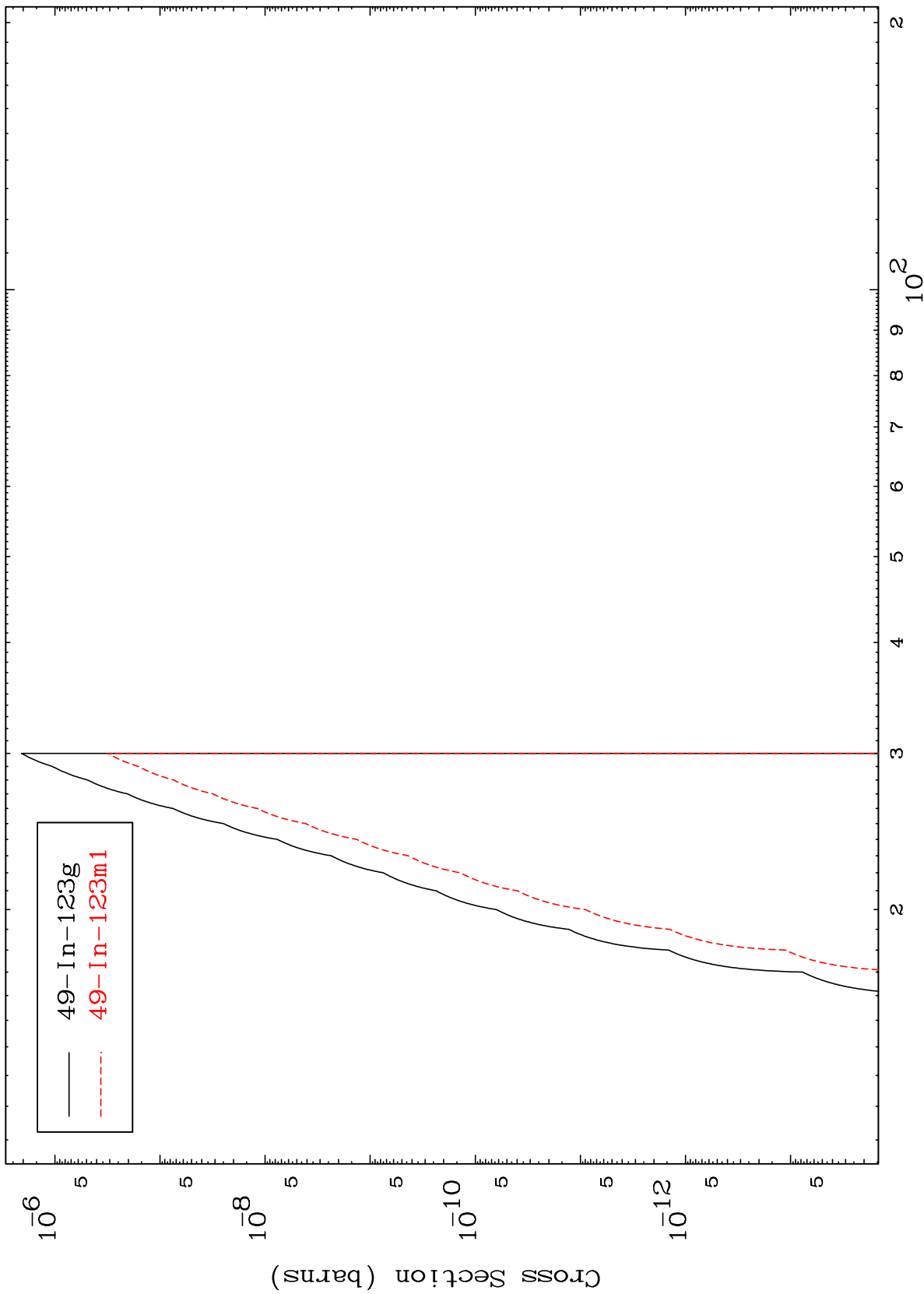
MAT 5135



MAT 5135

51-Sb-124m

(n,2p)
Radionuclide Production Cross Section



34

51-Sb-124m

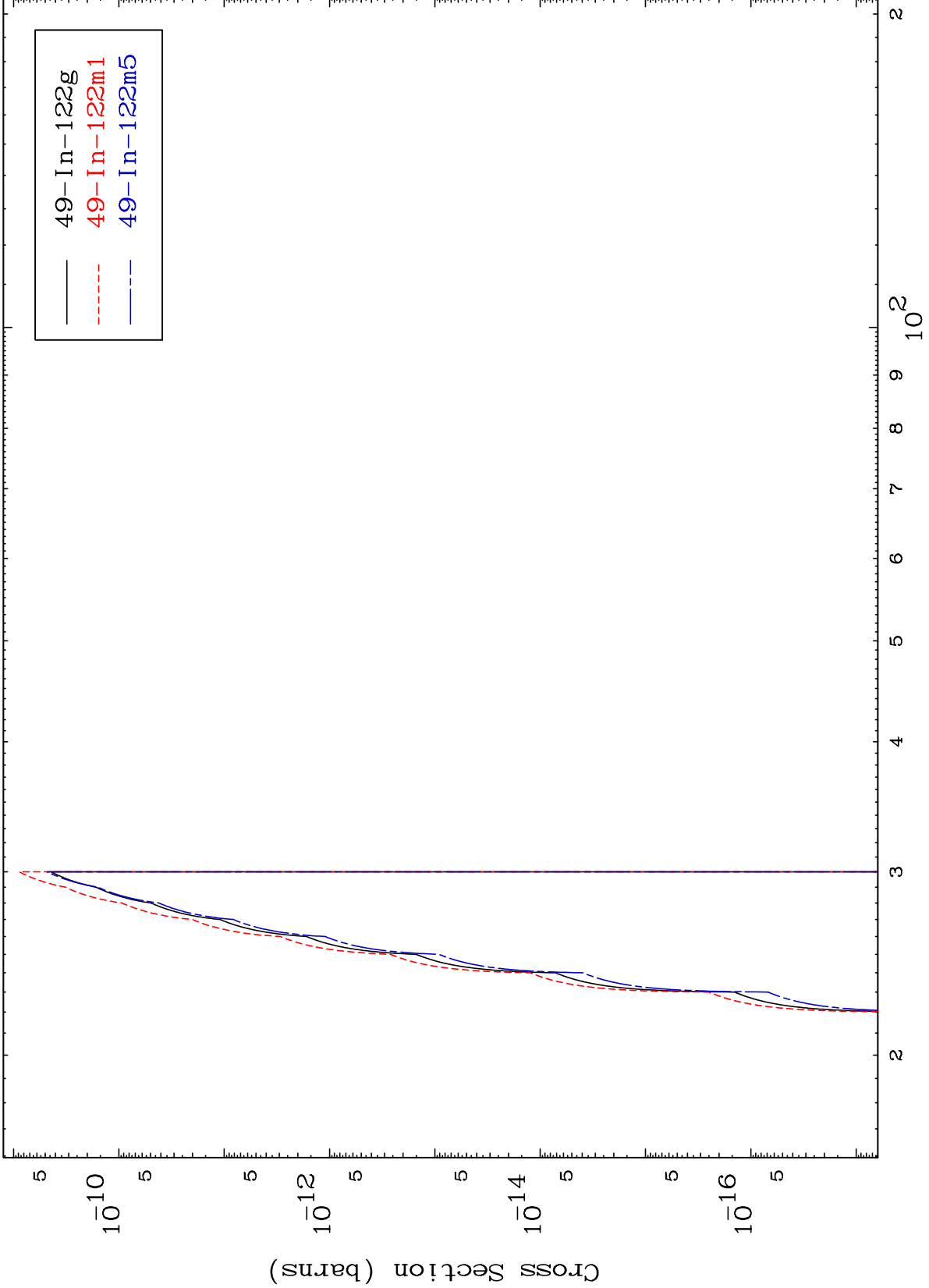
Incident Energy (MeV)

MAT 5135

(n,p) d

51-Sb-124m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

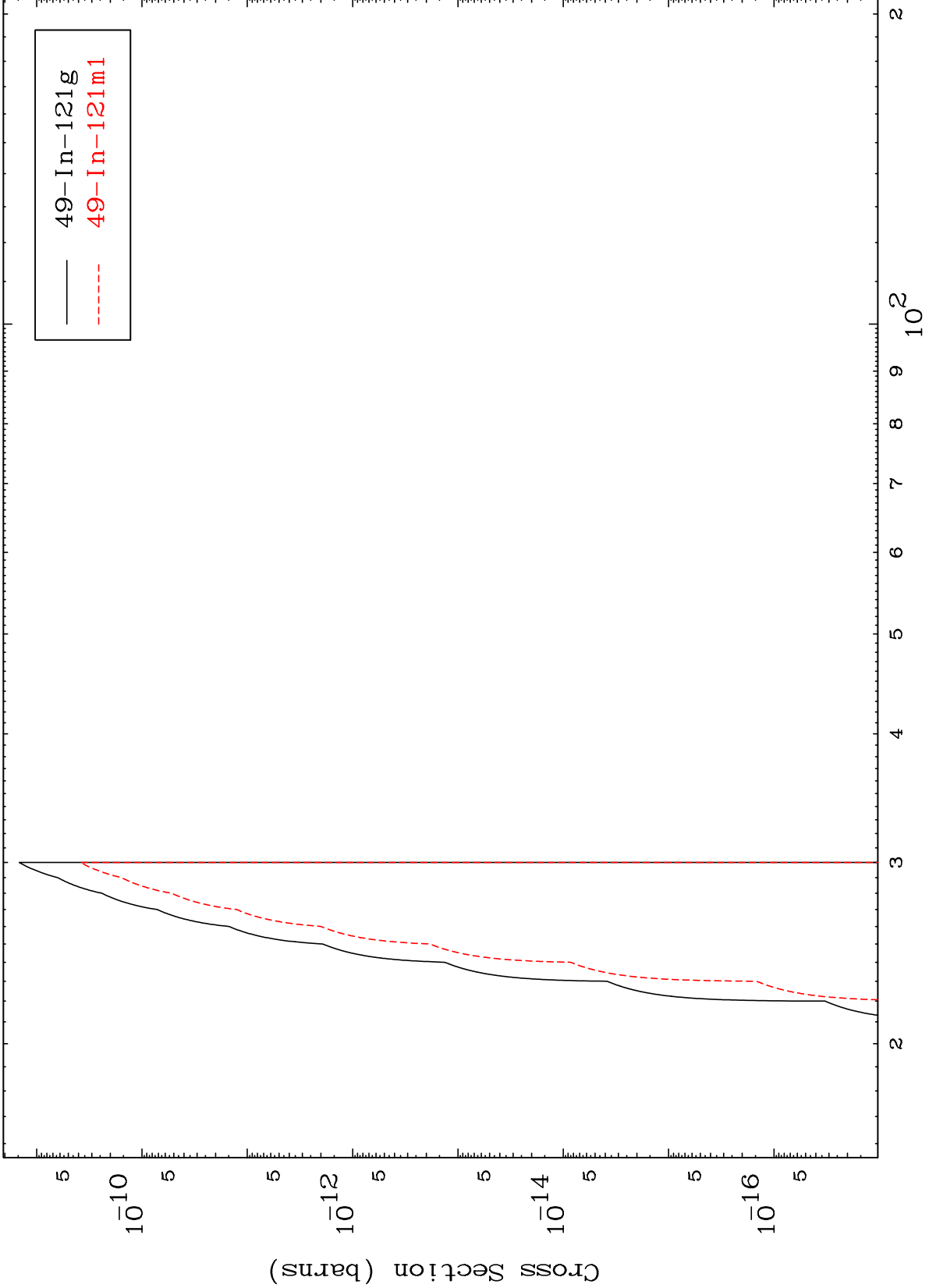
51-Sb-124m

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