

Program EVALPLOT
(Version 2021-1)

by

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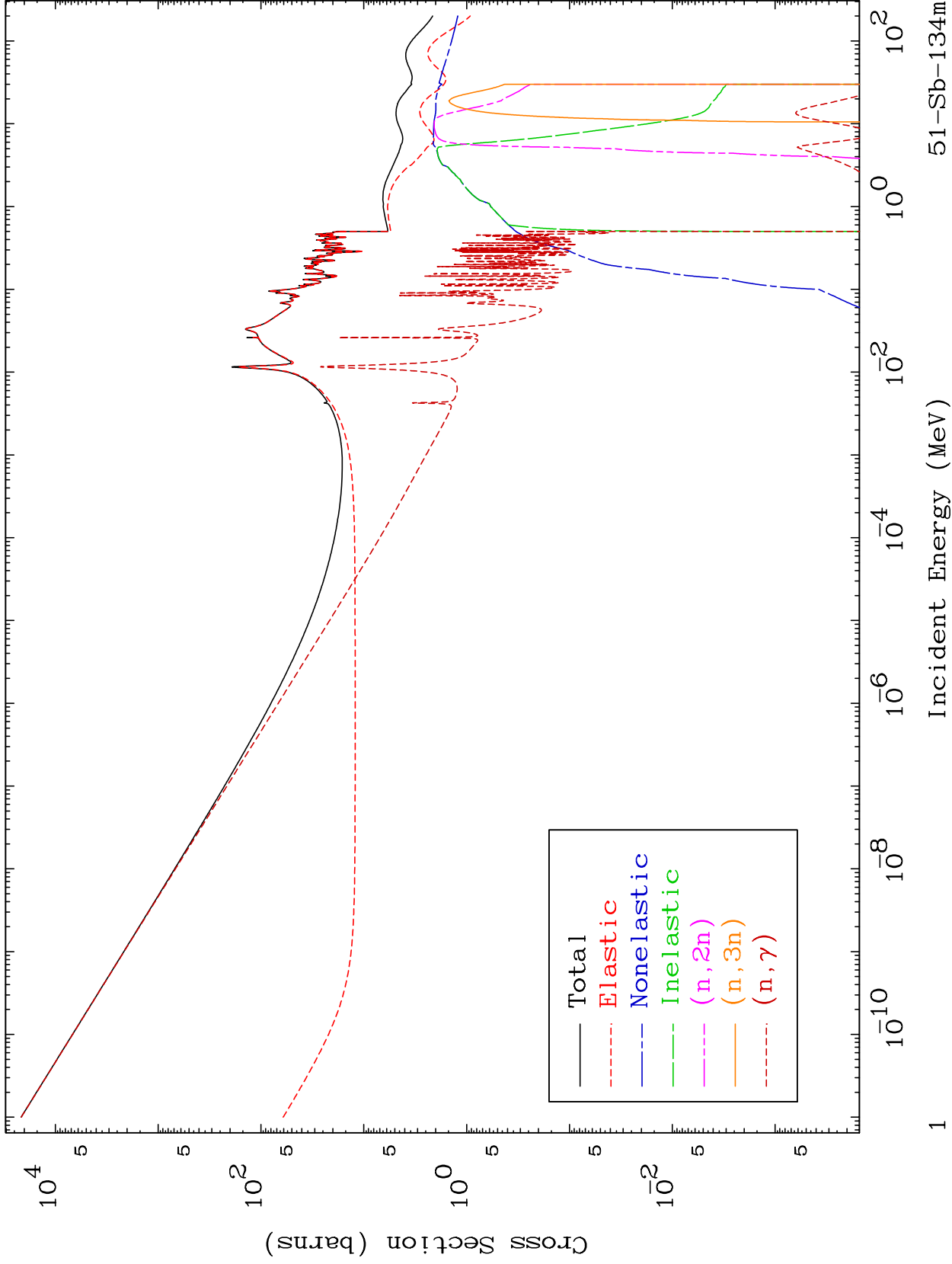
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5165

Neutron Major
293 Kelvin Cross Sections

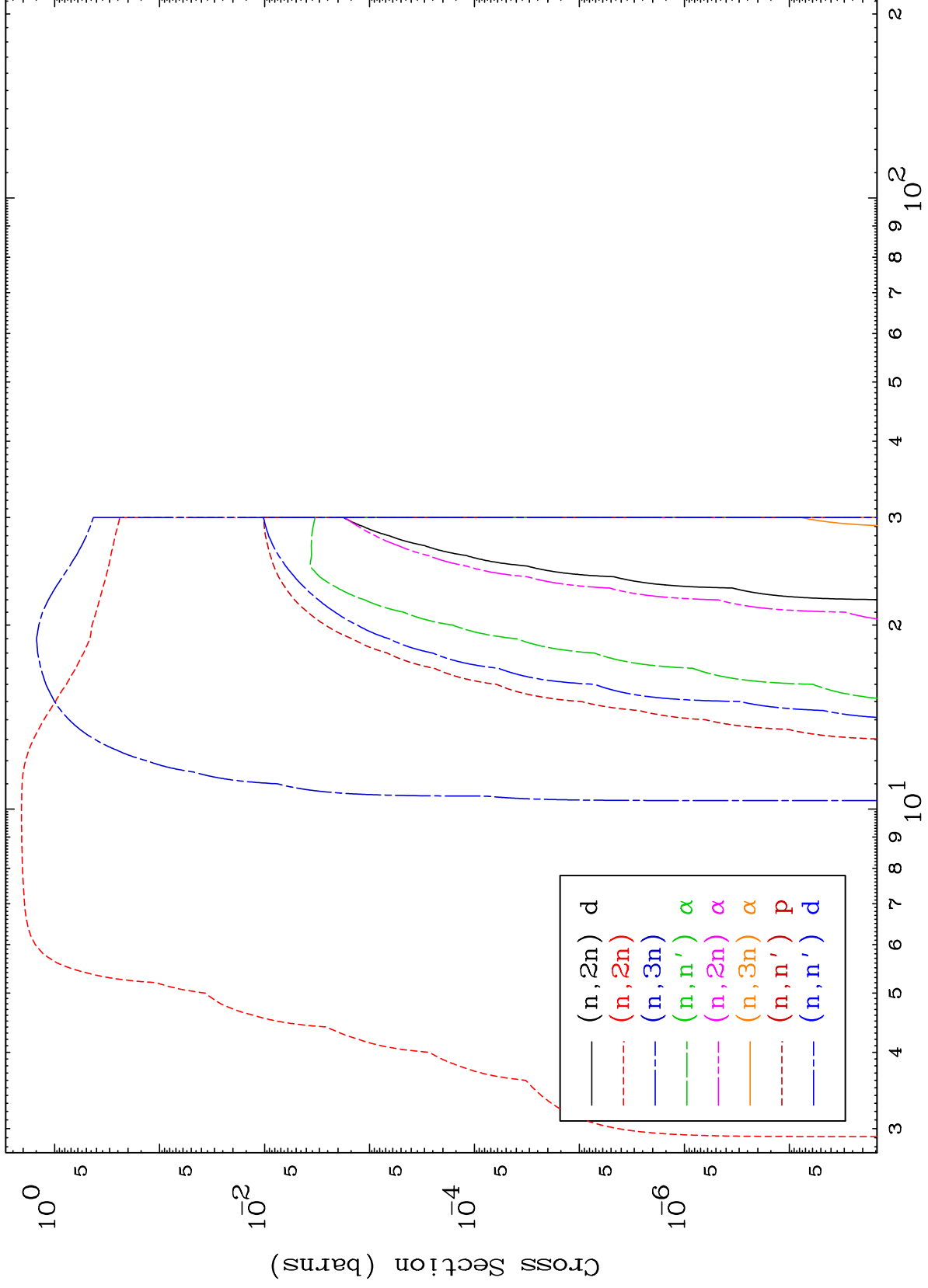
51-Sb-134m



MAT 5165

Neutron Absorption
293 Kelvin Cross Sections

51-Sb-134m



51-Sb-134m

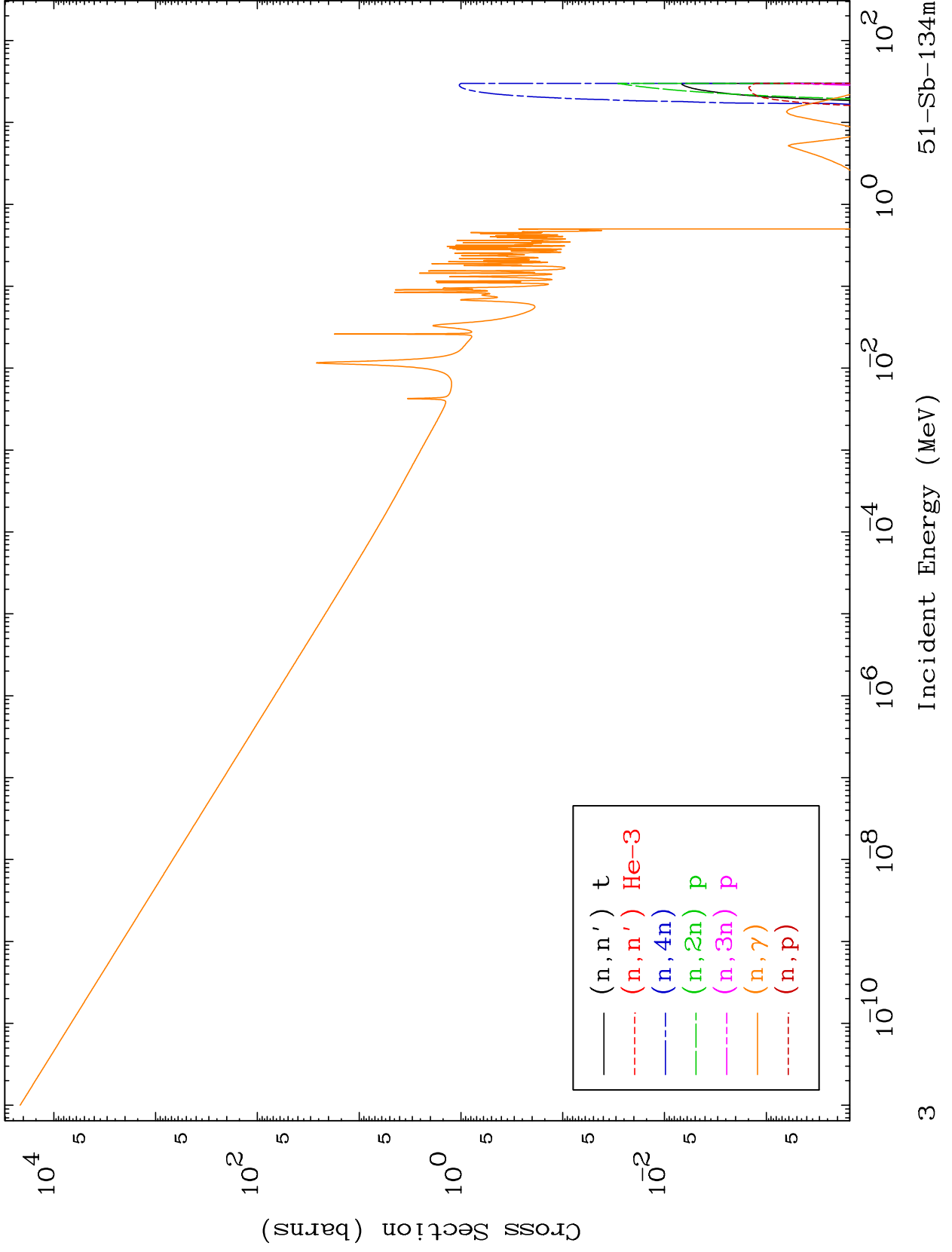
Incident Energy (MeV)

2

MAT 5165

Neutron Absorption
293 Kelvin Cross Sections

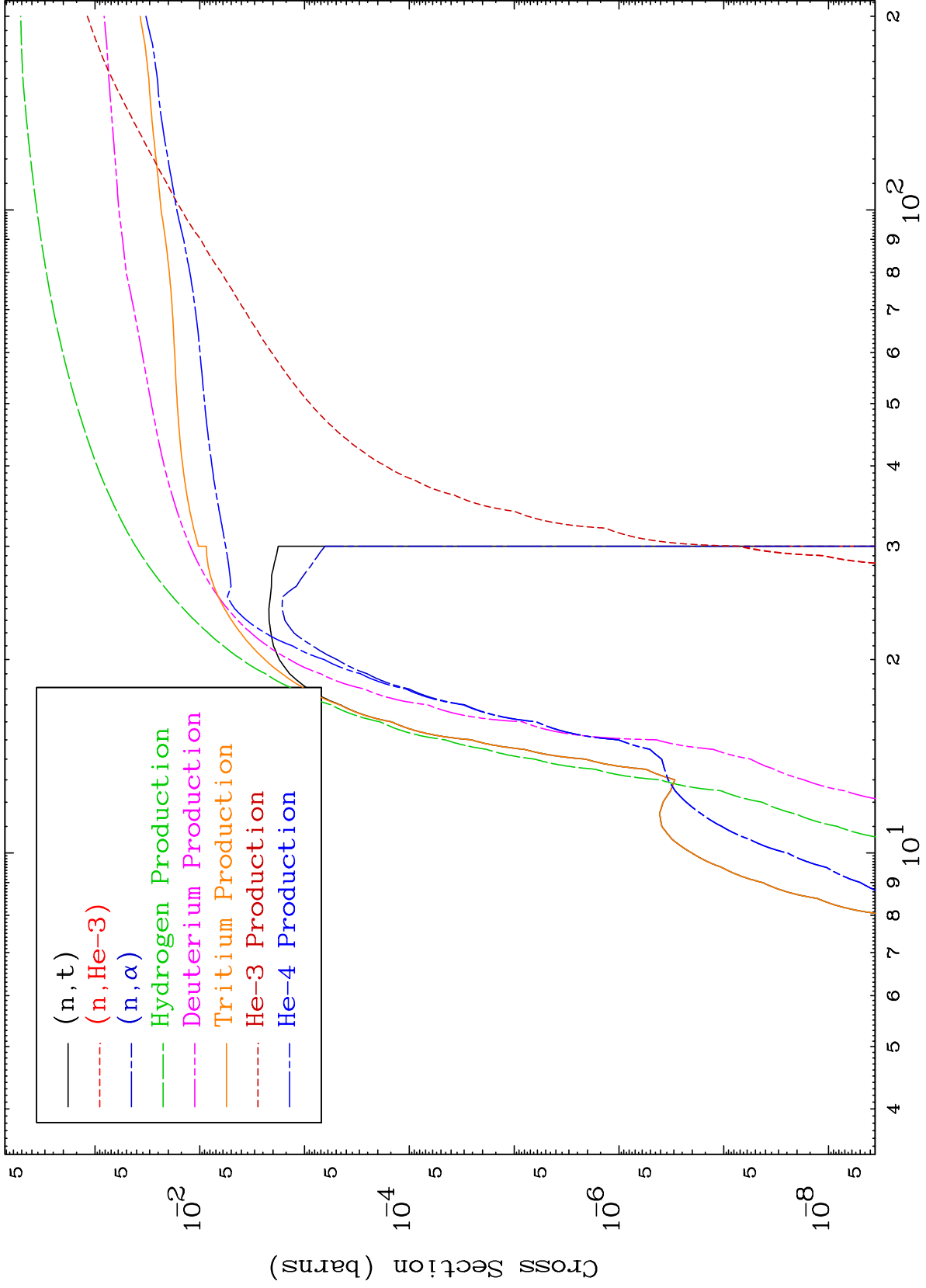
51-Sb-134m



MAT 5165

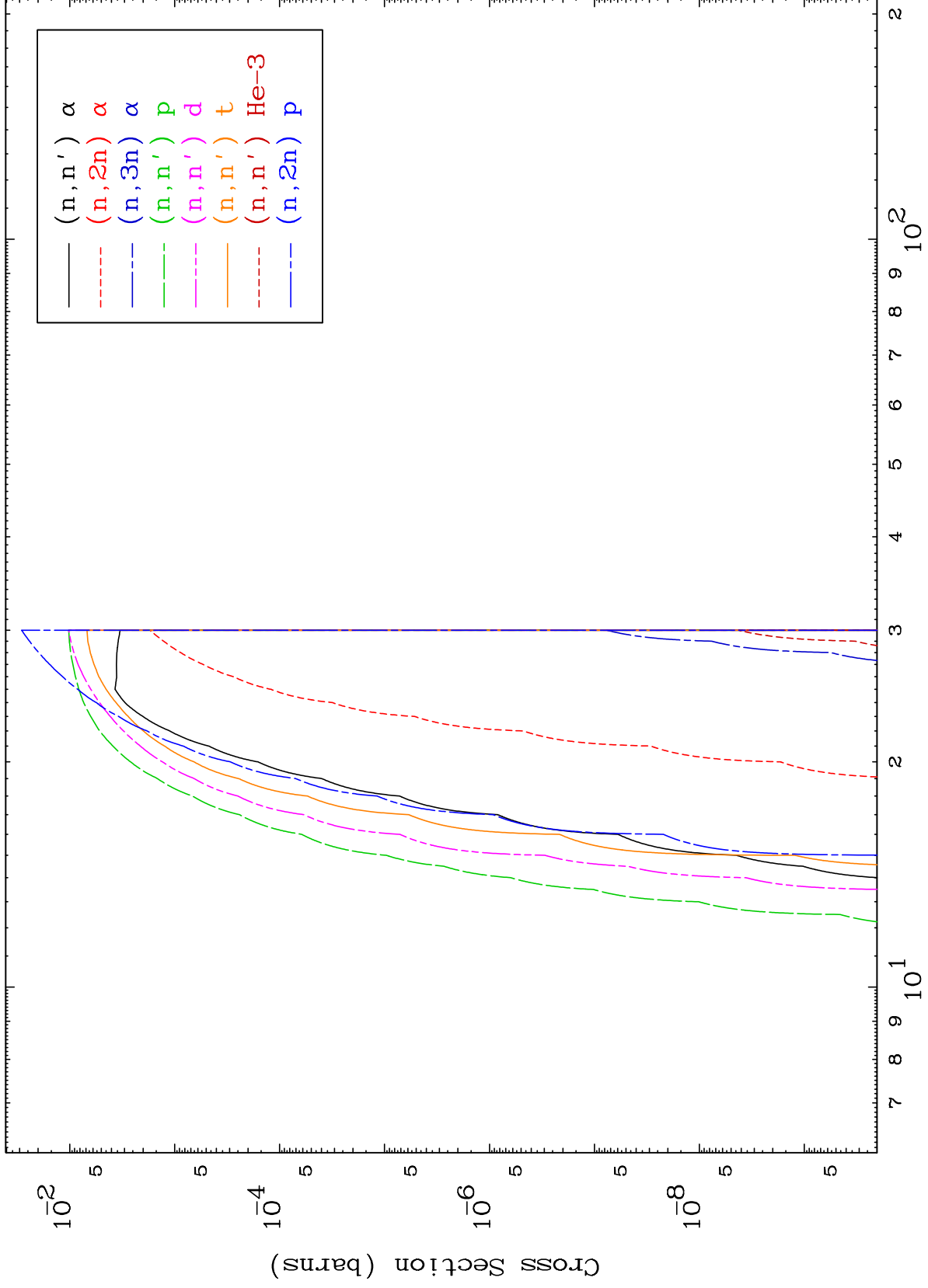
Neutron Absorption
293 Kelvin Cross Sections

51-Sb-134m



51-Sb-134m

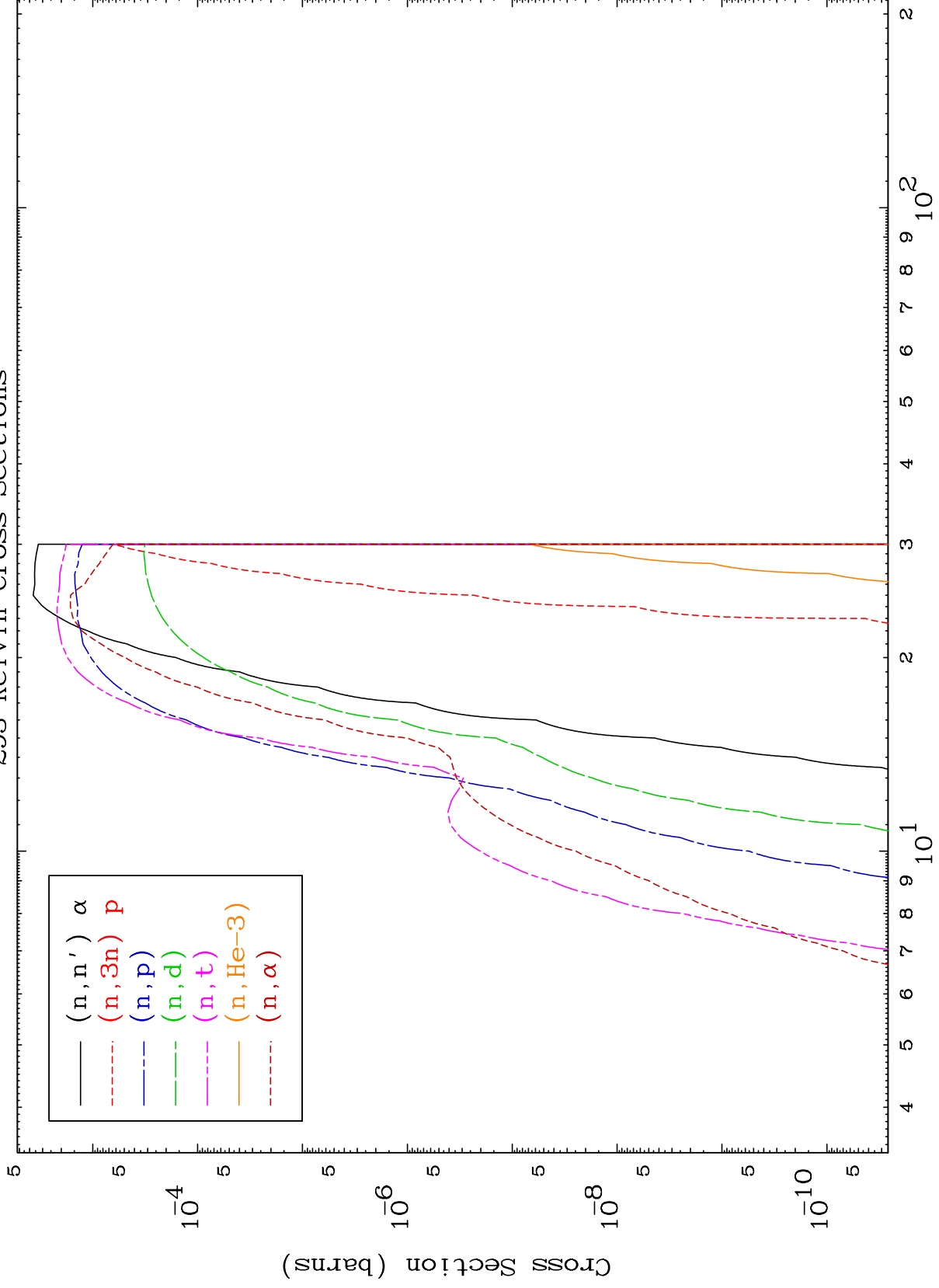
Incident Energy (MeV)

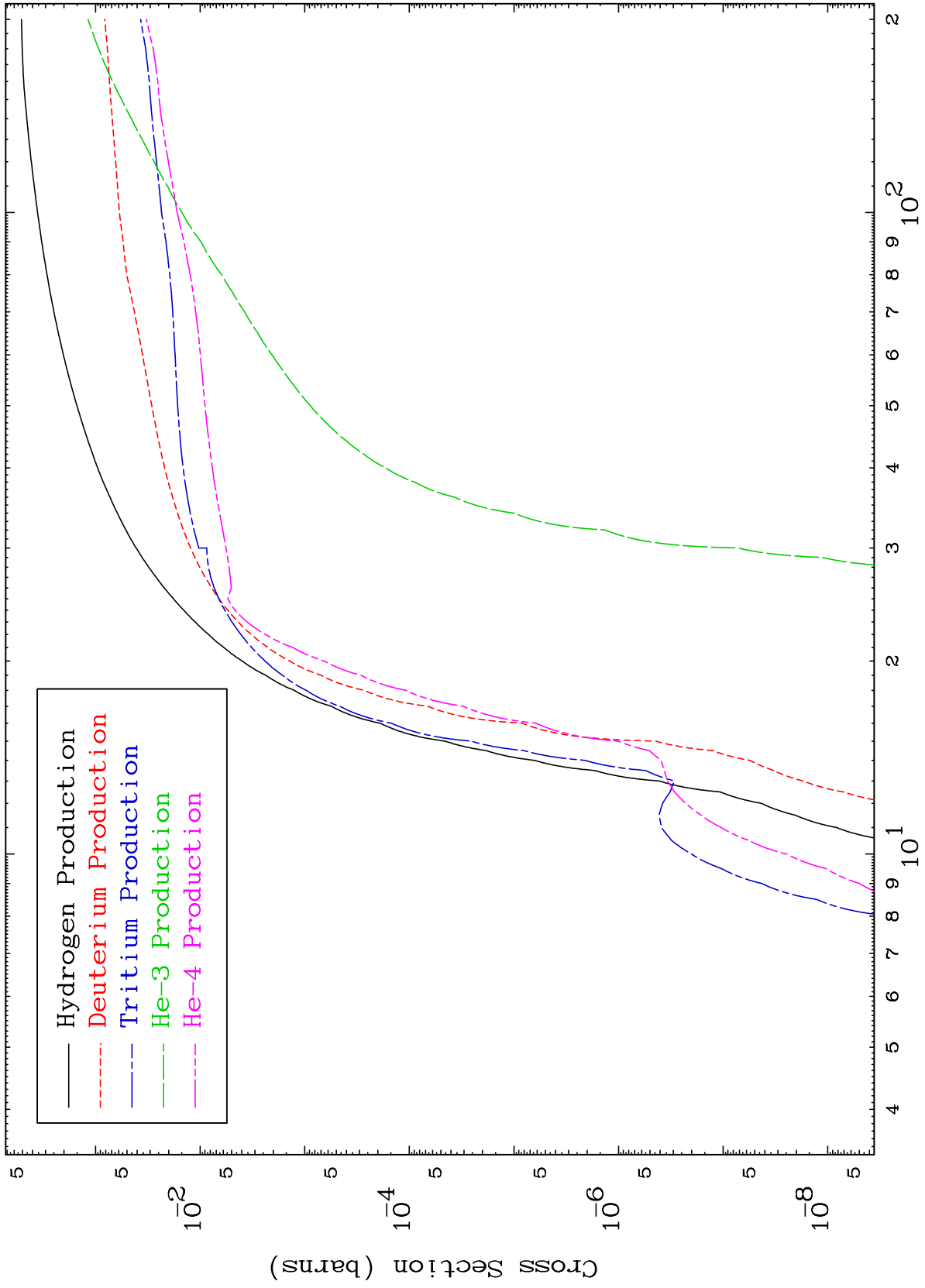


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Charged Particle
293 Kelvin Cross Sections

51-Sb-134m



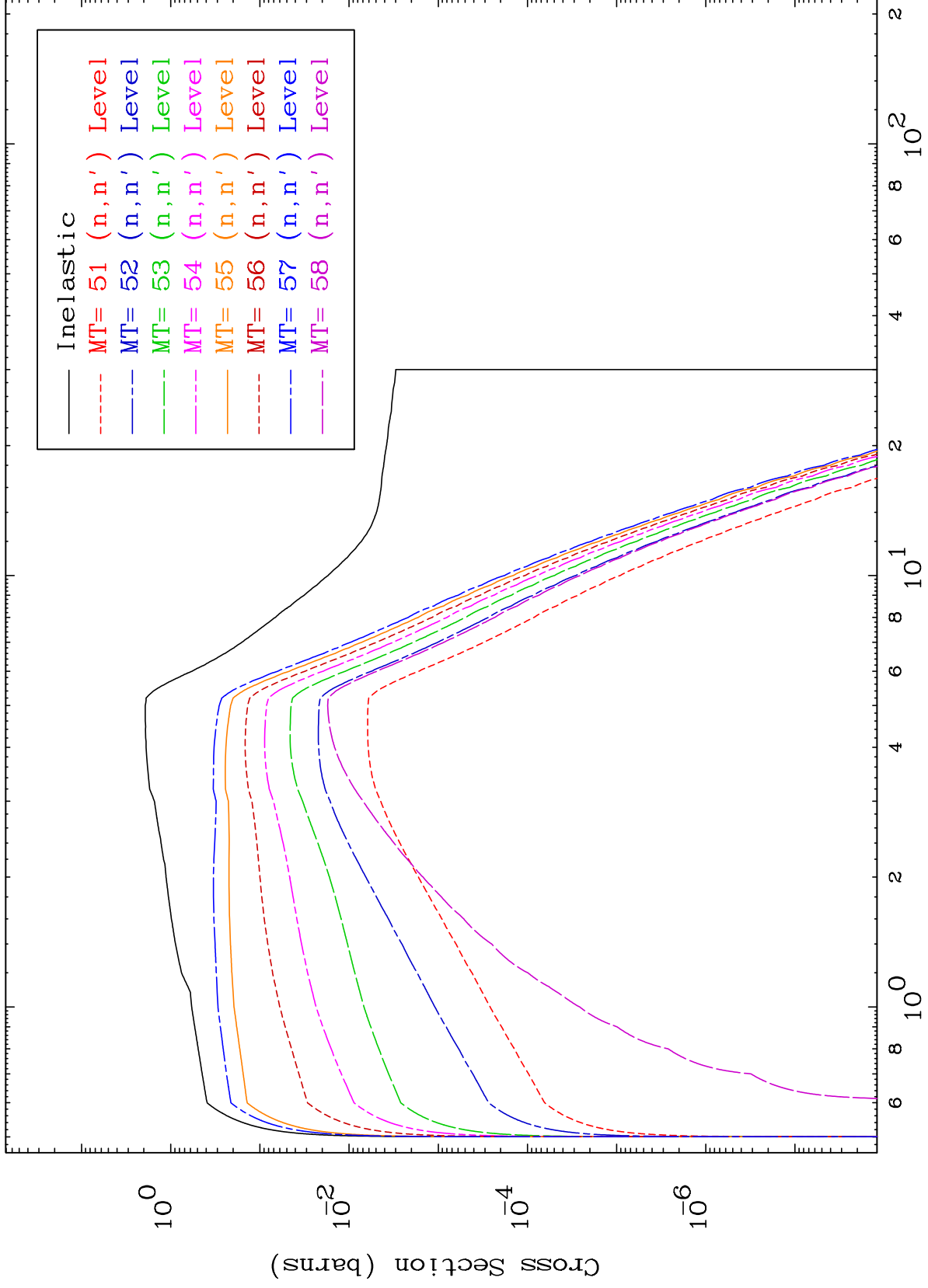


MAT 5165

(n,n') Levels

293 Kelvin Cross Sections

51-Sb-134m



8

Incident Energy (MeV)

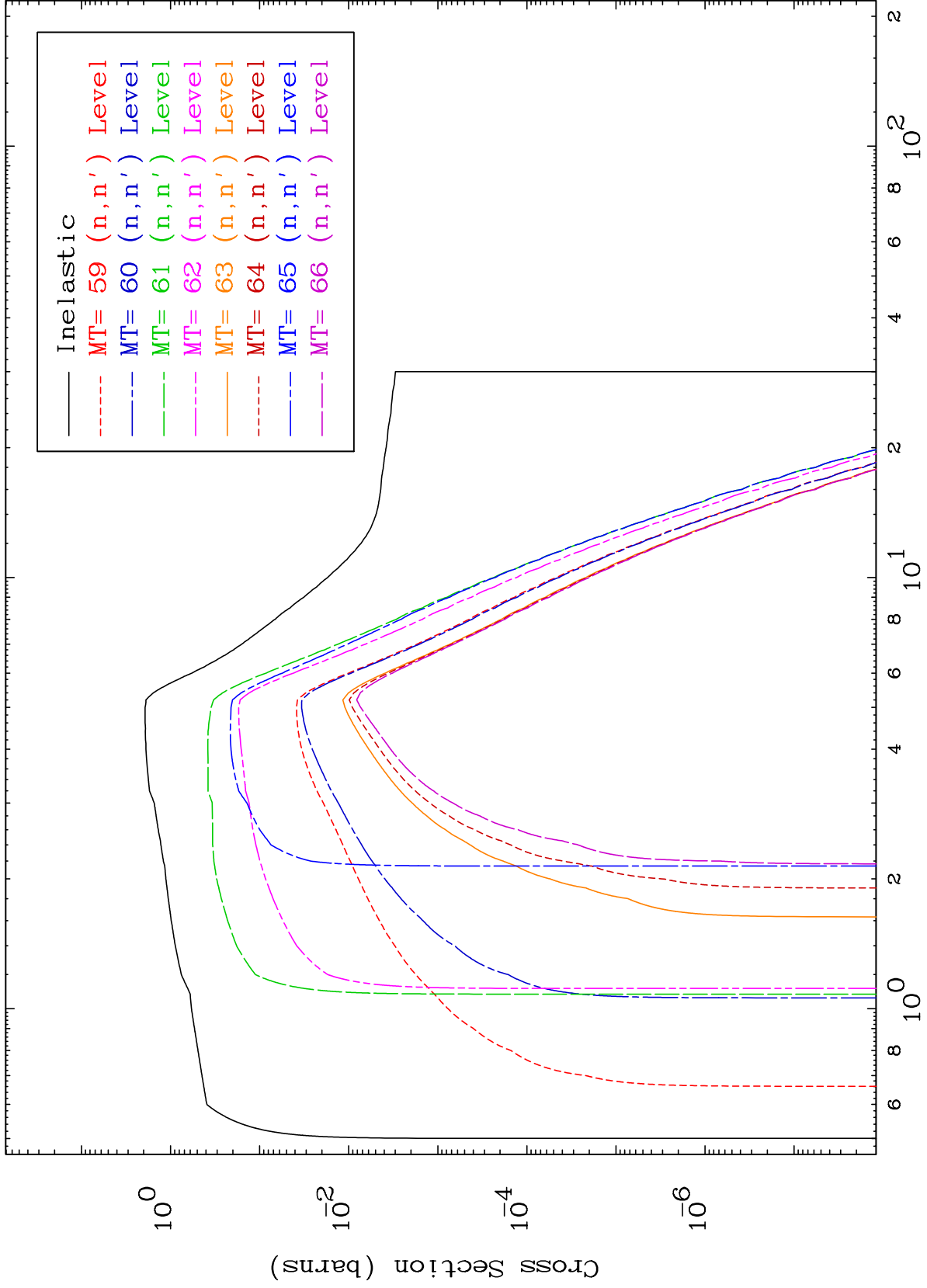
51-Sb-134m

MAT 5165

(n,n') Levels

51-Sb-134m

293 Kelvin Cross Sections

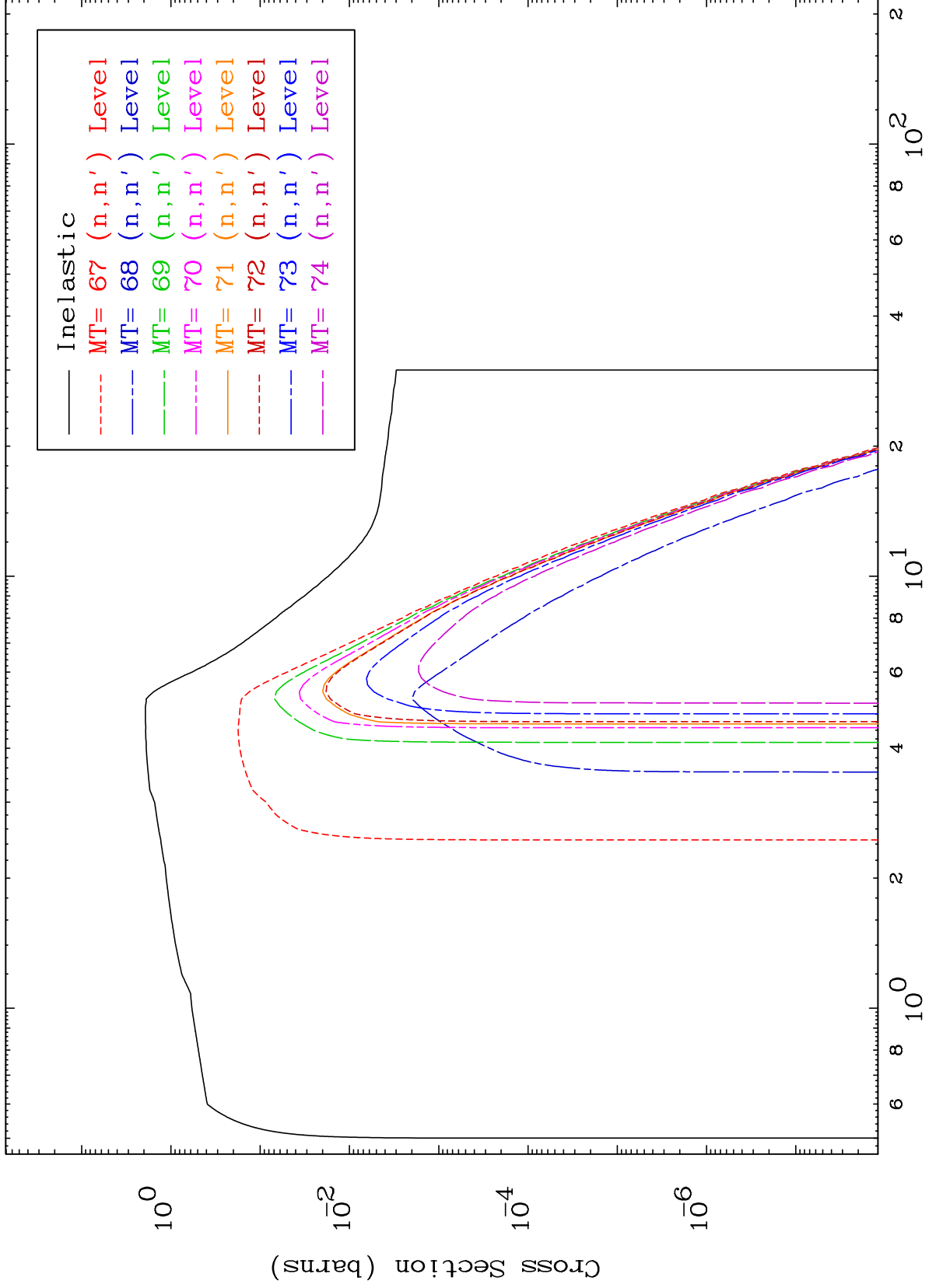


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(n,n') Levels

51-Sb-134m

293 Kelvin Cross Sections



10

Incident Energy (MeV)

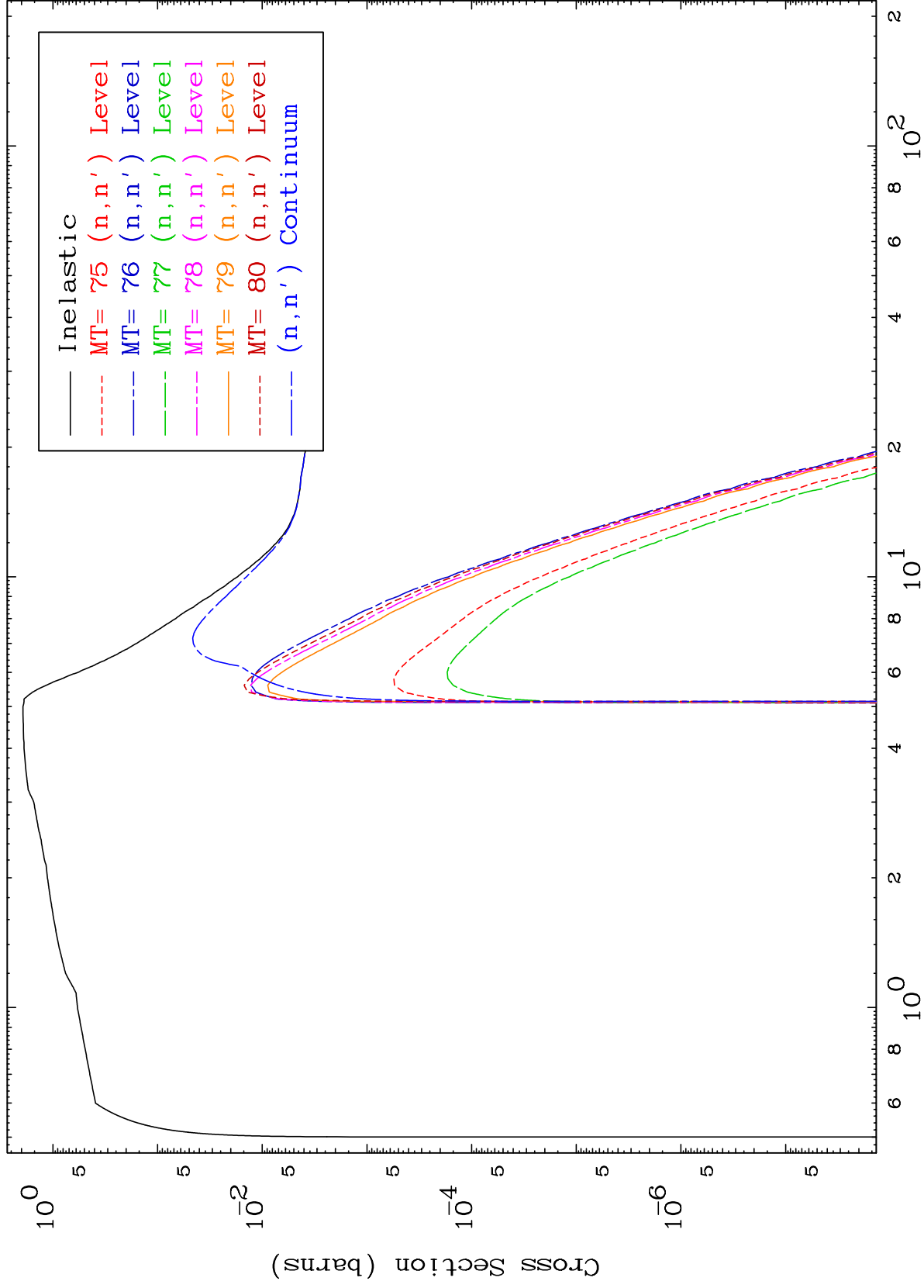
51-Sb-134m

MAT 5165

(n,n') Levels

51-Sb-134m

293 Kelvin Cross Sections



11

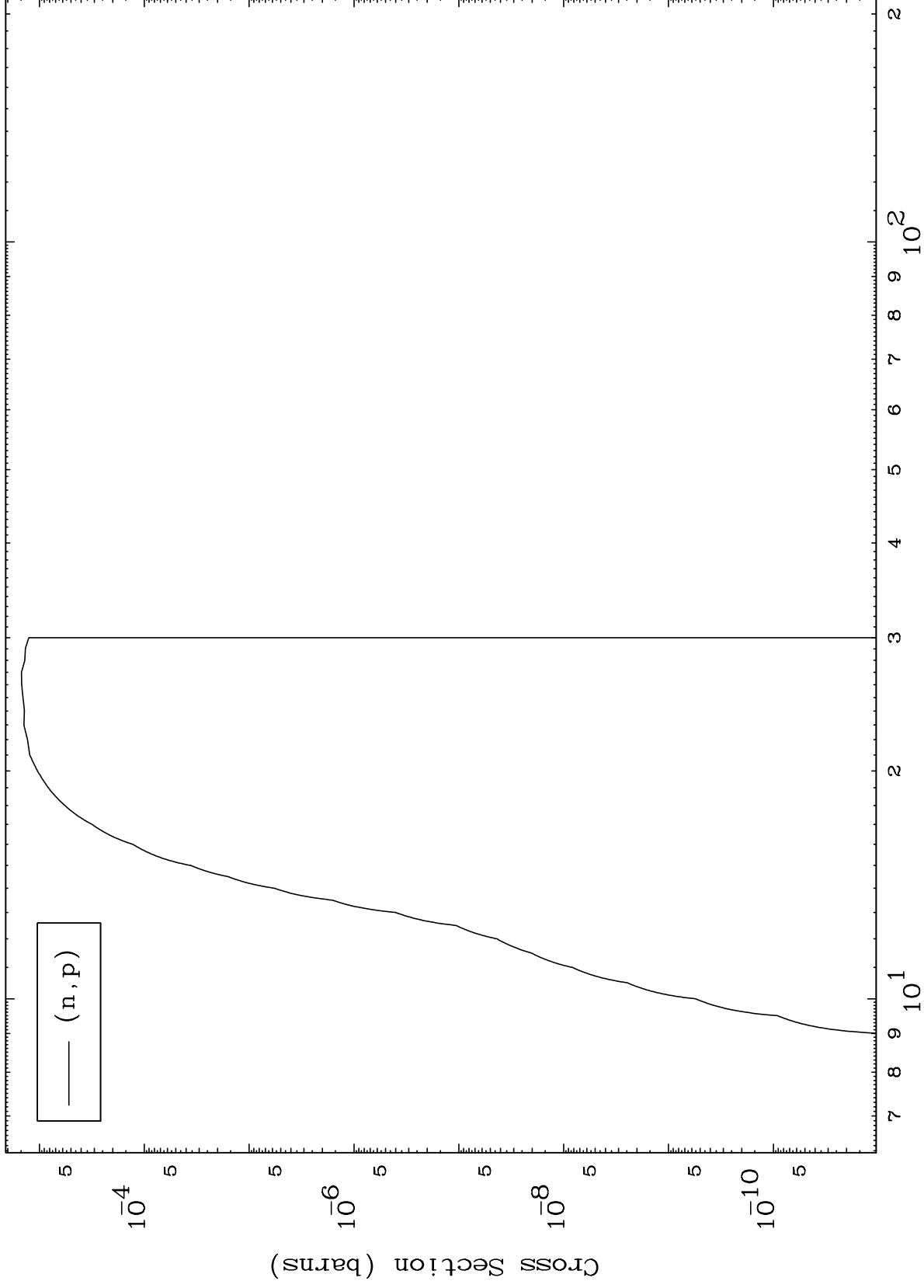
Incident Energy (MeV)

51-Sb-134m

MAT 5165

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-134m



12

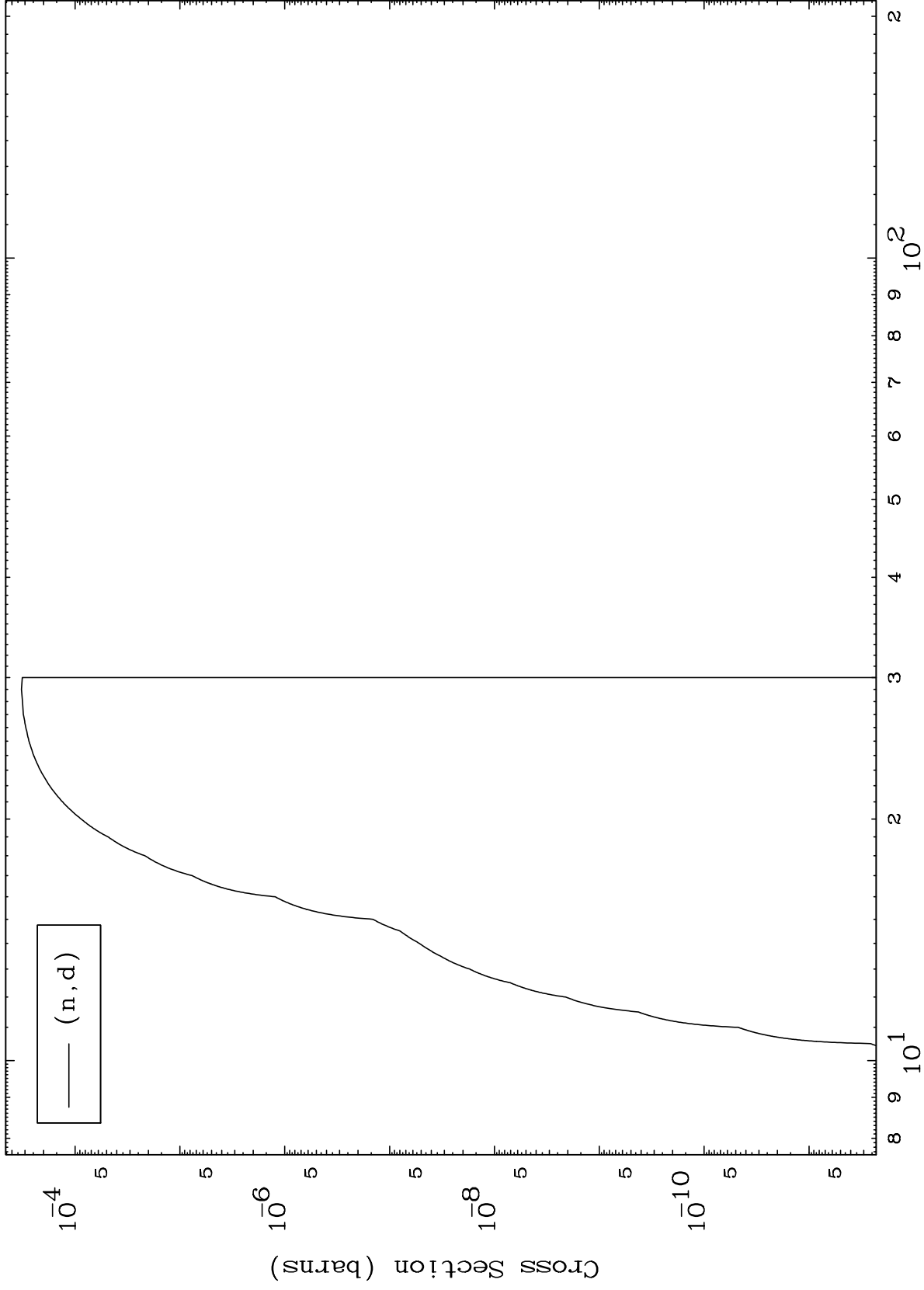
Incident Energy (MeV)

51-Sb-134m

MAT 5165

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-134m



13

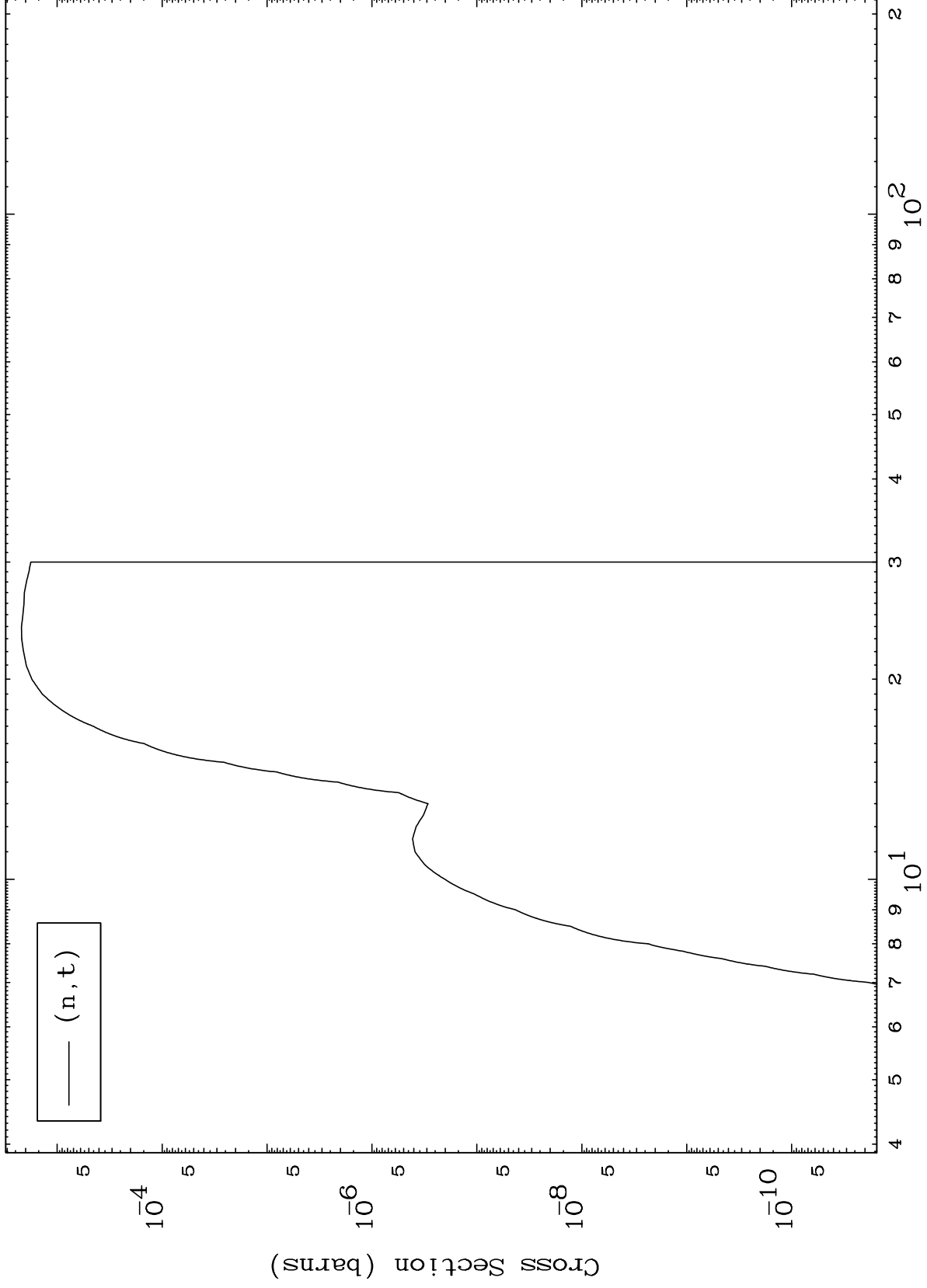
Incident Energy (MeV)

51-Sb-134m

MAT 5165

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-134m



14

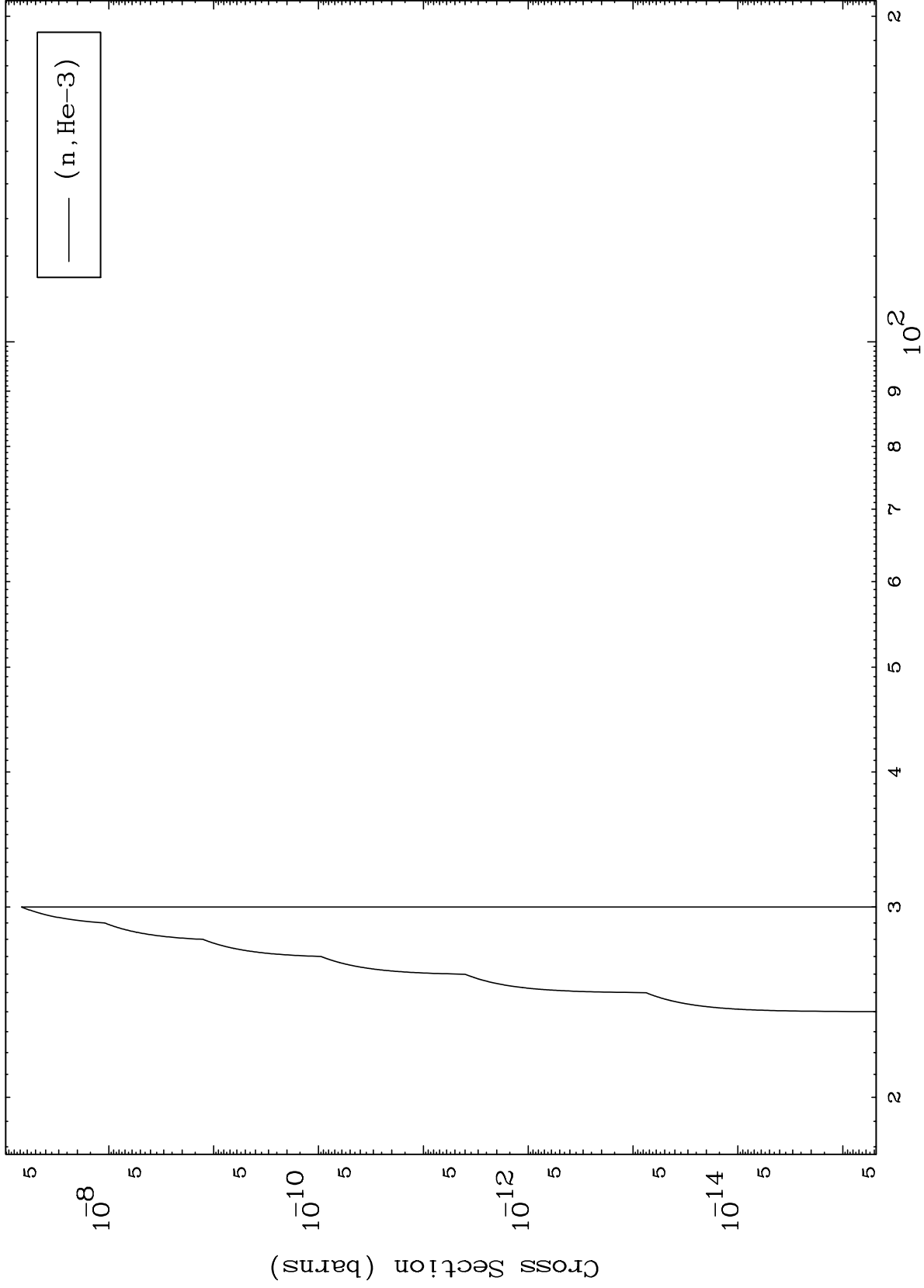
Incident Energy (MeV)

51-Sb-134m

MAT 5165

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-134m



15

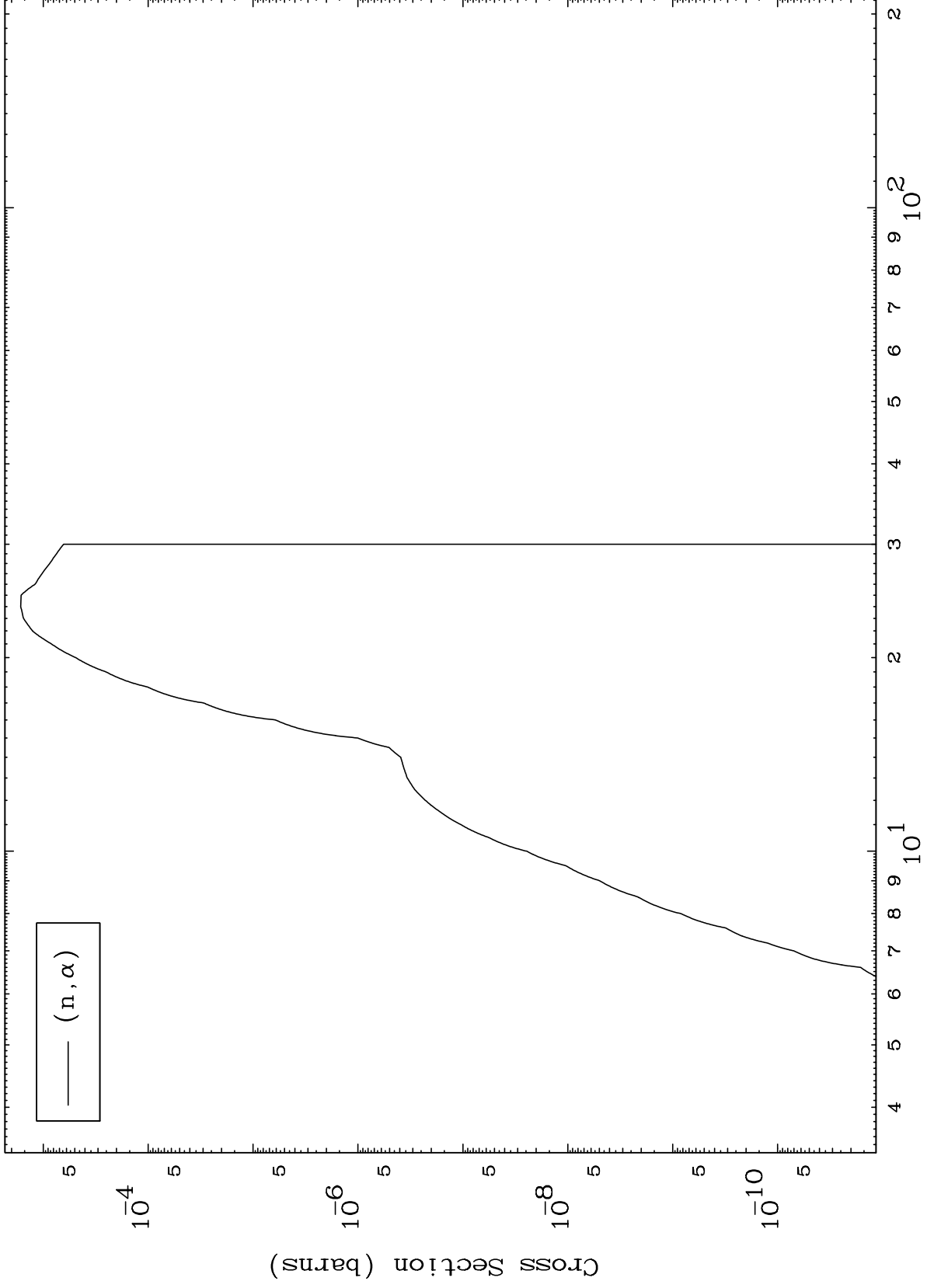
Incident Energy (MeV)

51-Sb-134m

MAT 5165

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-134m



16

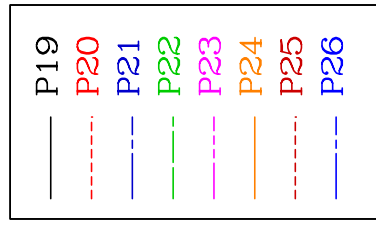
Incident Energy (MeV)

51-Sb-134m

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Elastic
Legendre Coefficients

51-Sb-134m



Legendre (CM)
 $\times 10^{-6}$



19

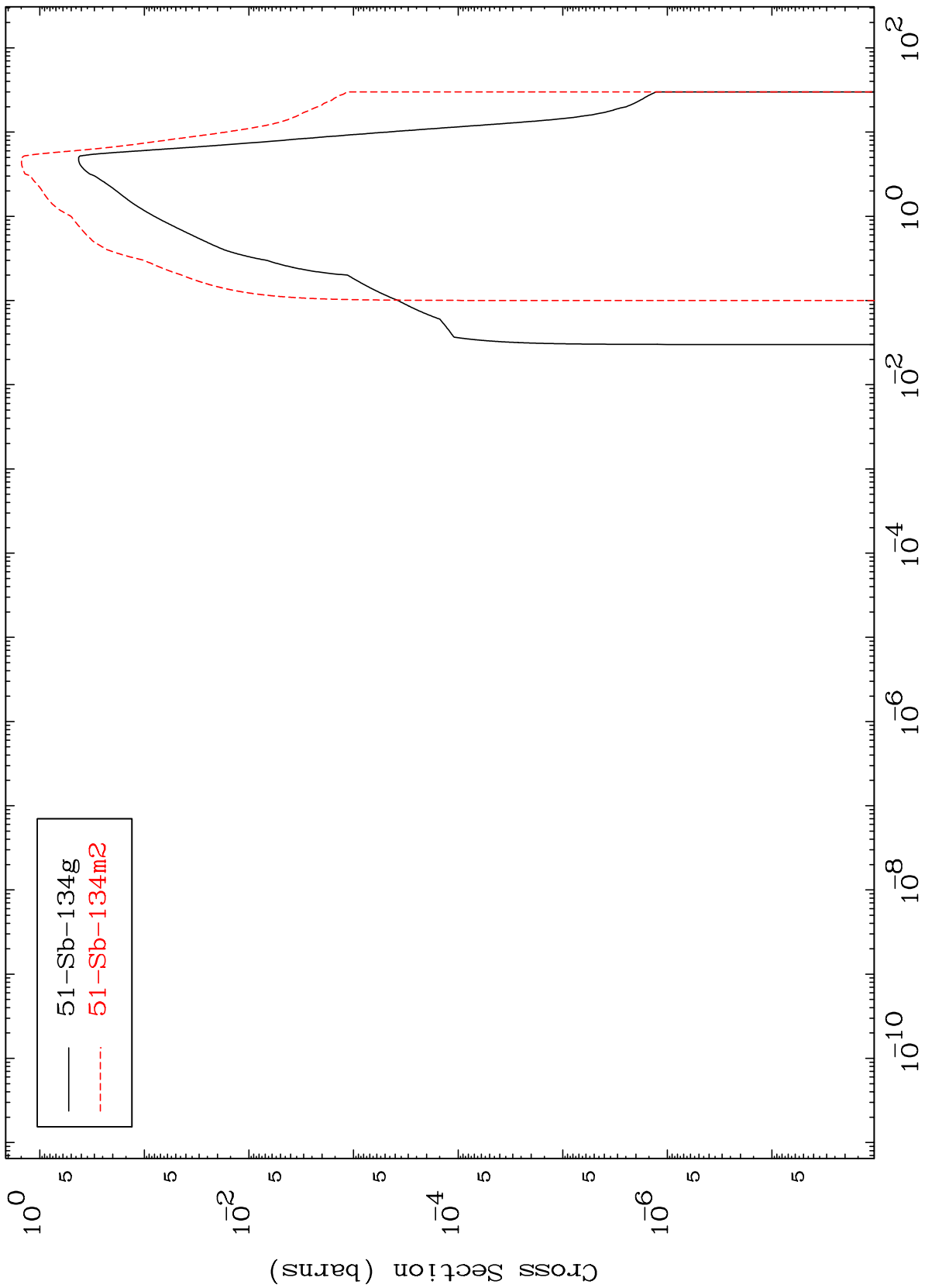
Incident Energy (MeV)

51-Sb-134m

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Inelastic
Radionuclide Production Cross Section

51-Sb-134m



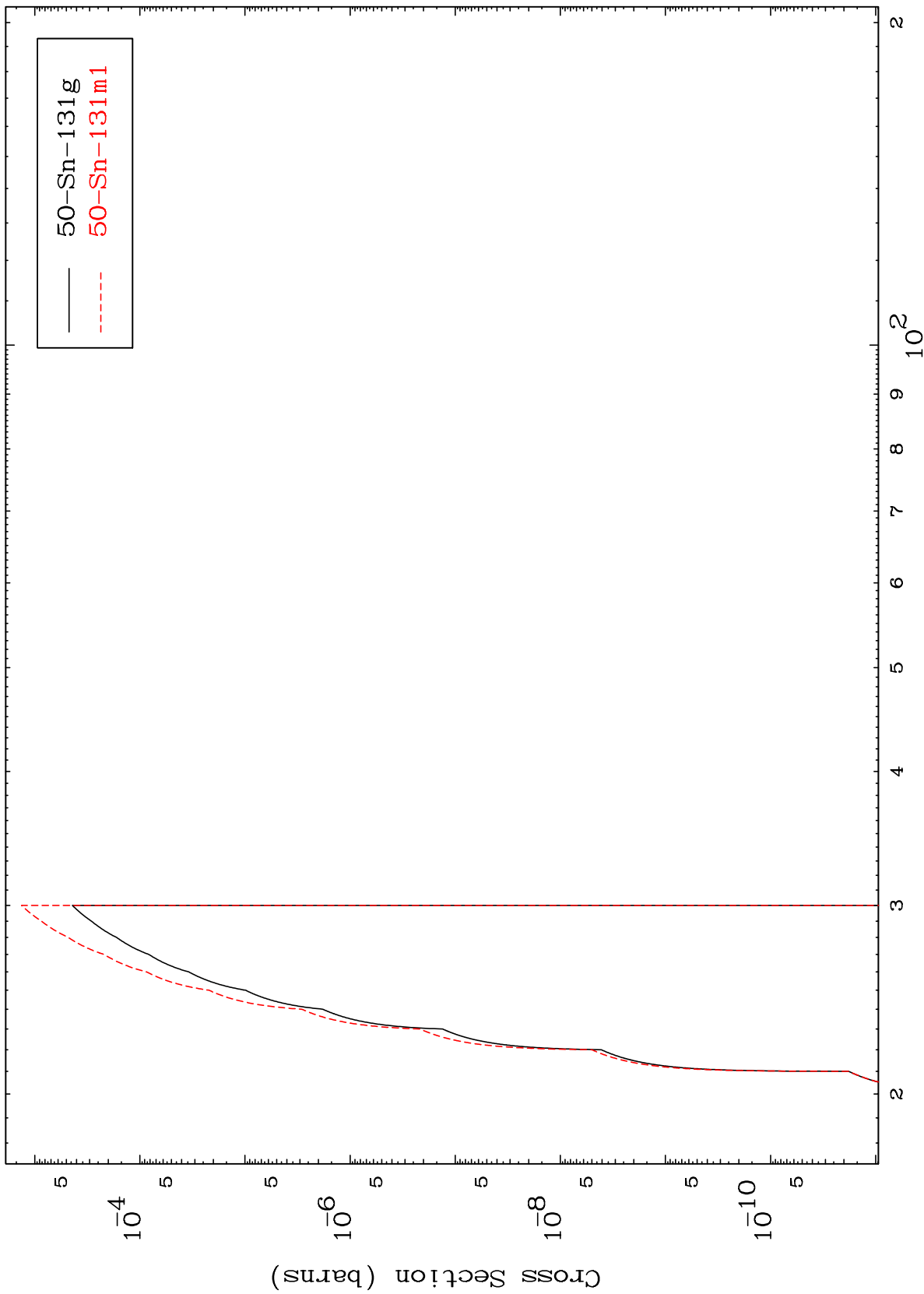
51-Sb-134g
51-Sb-134m2

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(n,2n) d

51-Sb-134m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

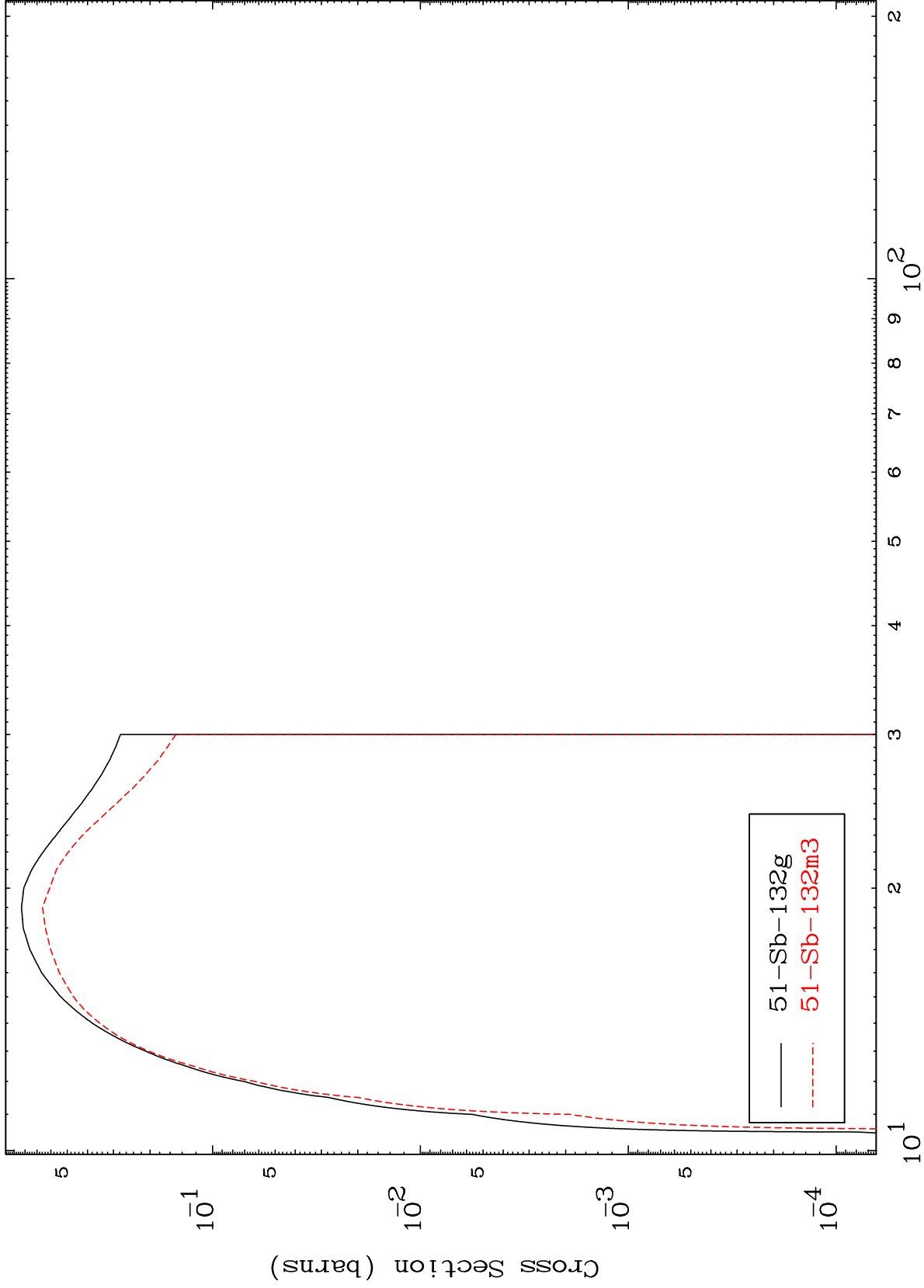
51-Sb-134m

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(n,3n)

51-Sb-134m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

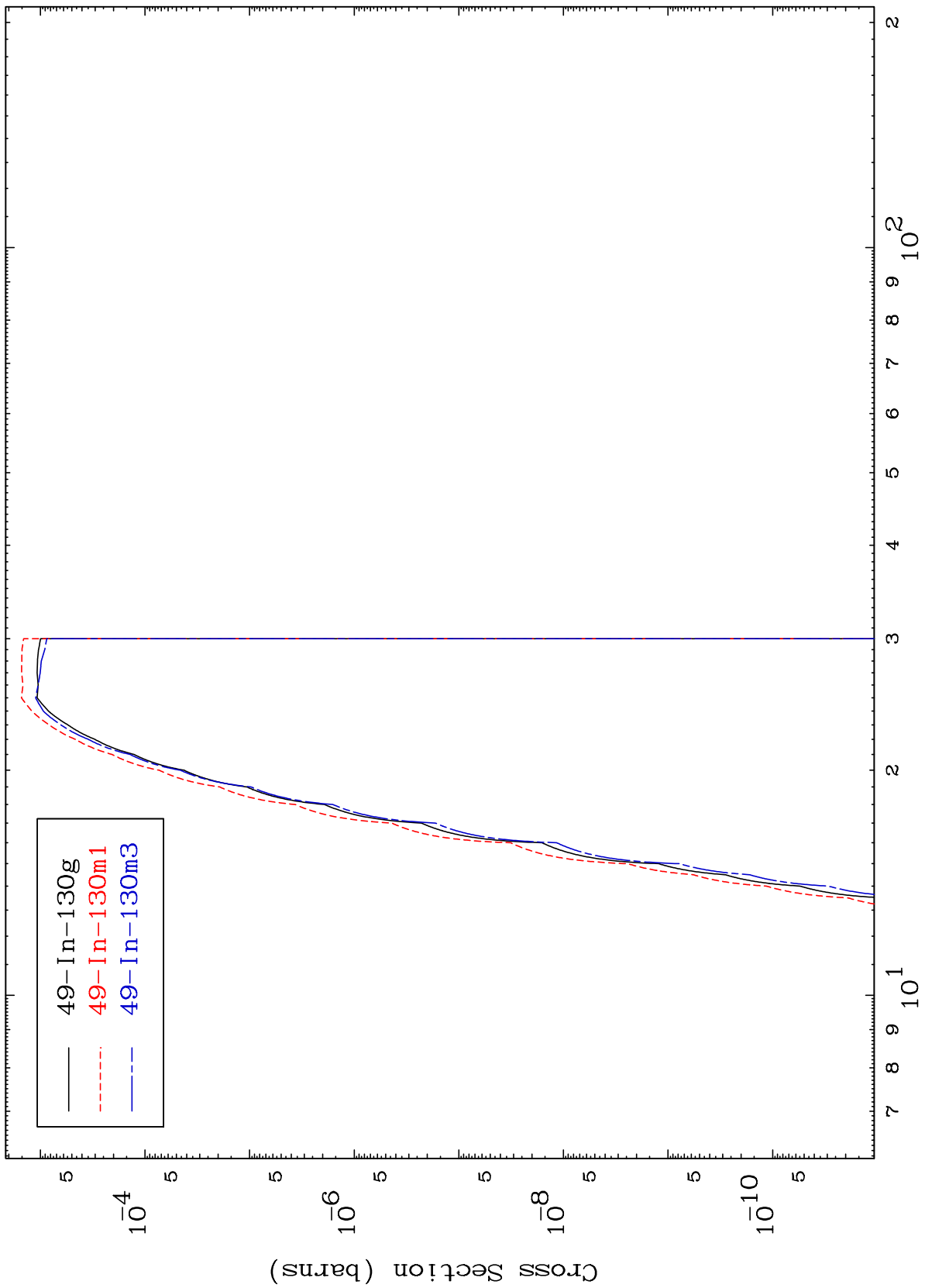
51-Sb-134m

MAT 5165

51-Sb-134m

(n,n') α

Radionuclide Production Cross Section

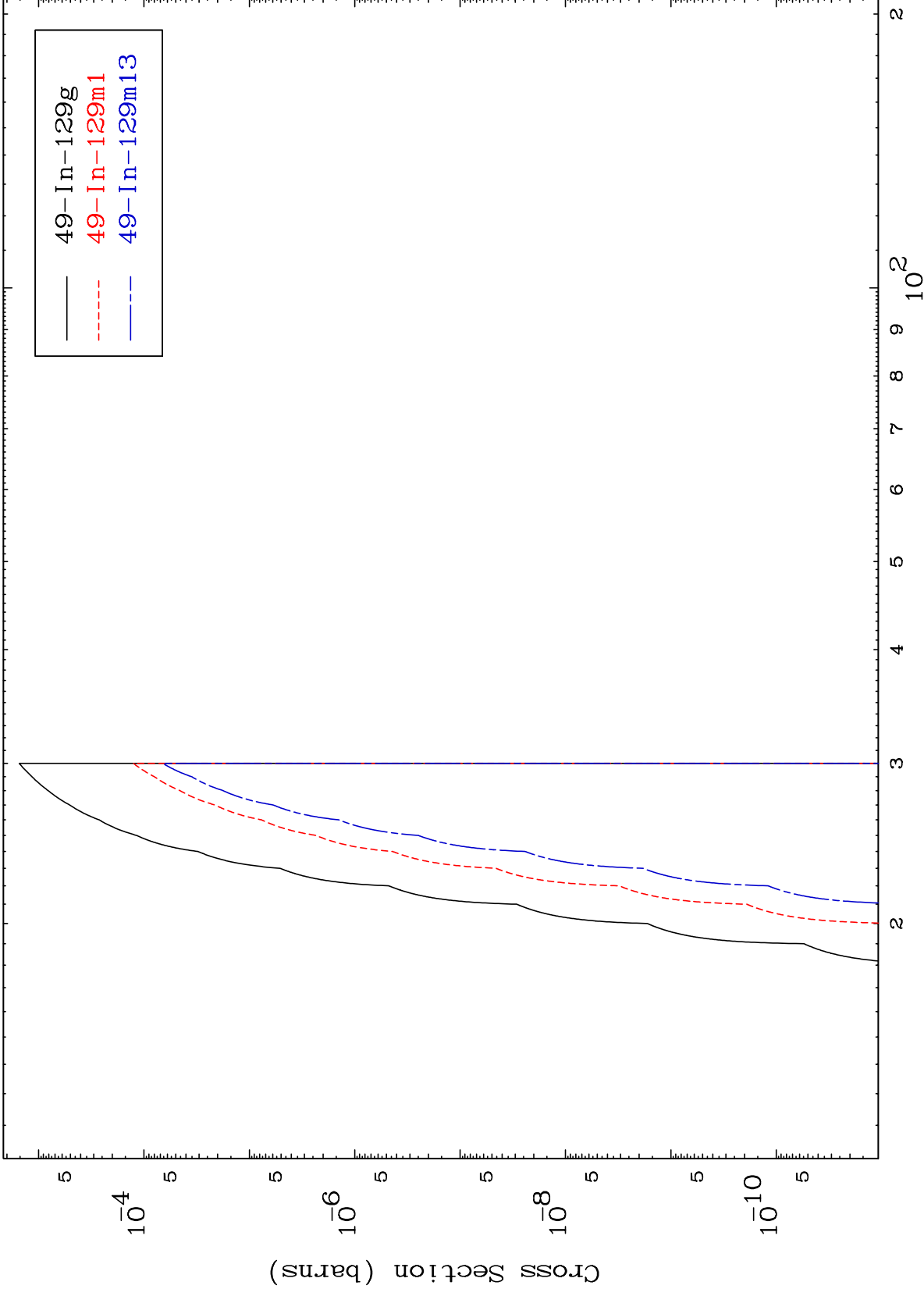


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(n,2n) α

51-Sb-134m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

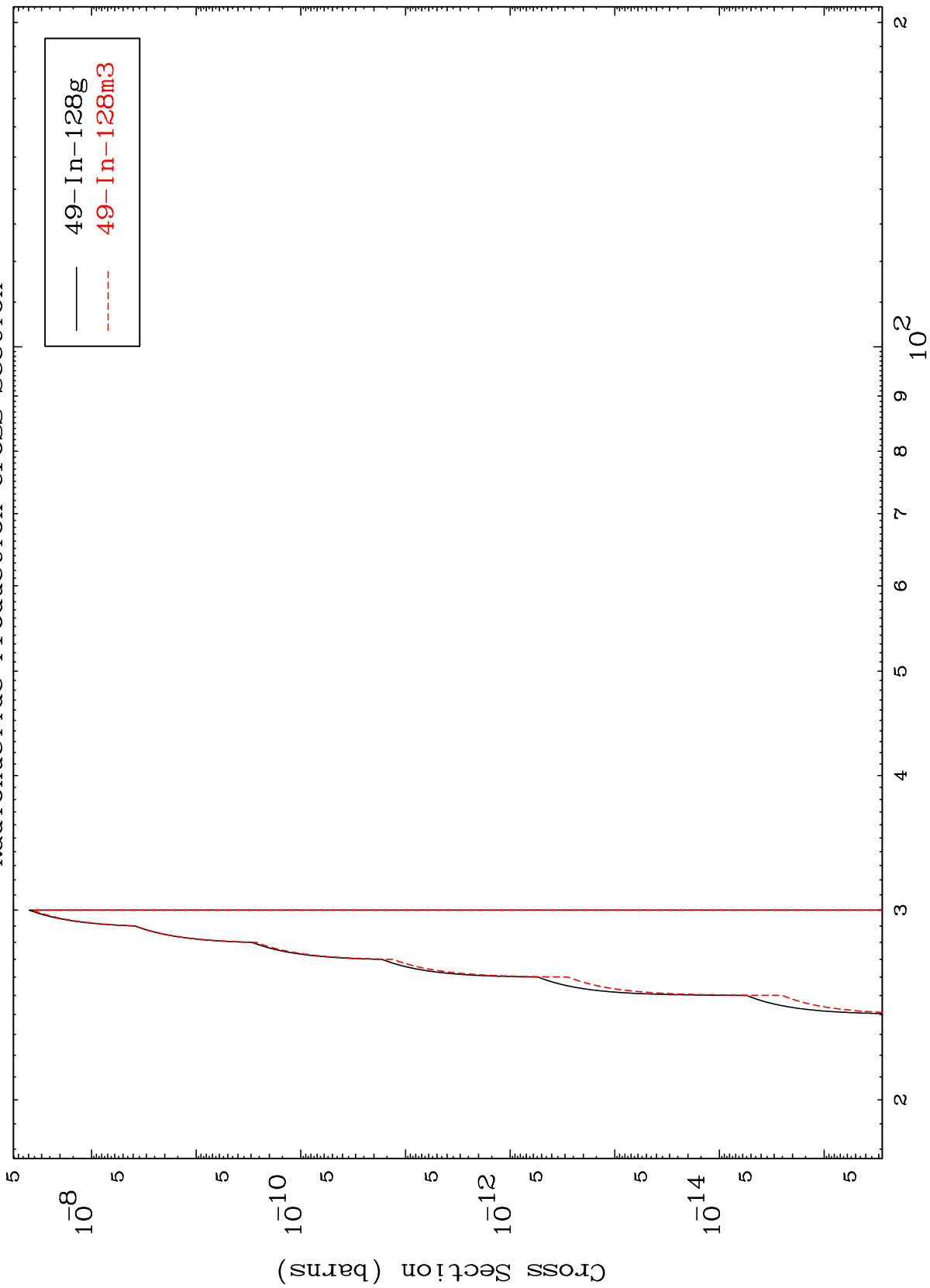
51-Sb-134m

MAT 5165

(n,3n) α

51-Sb-134m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

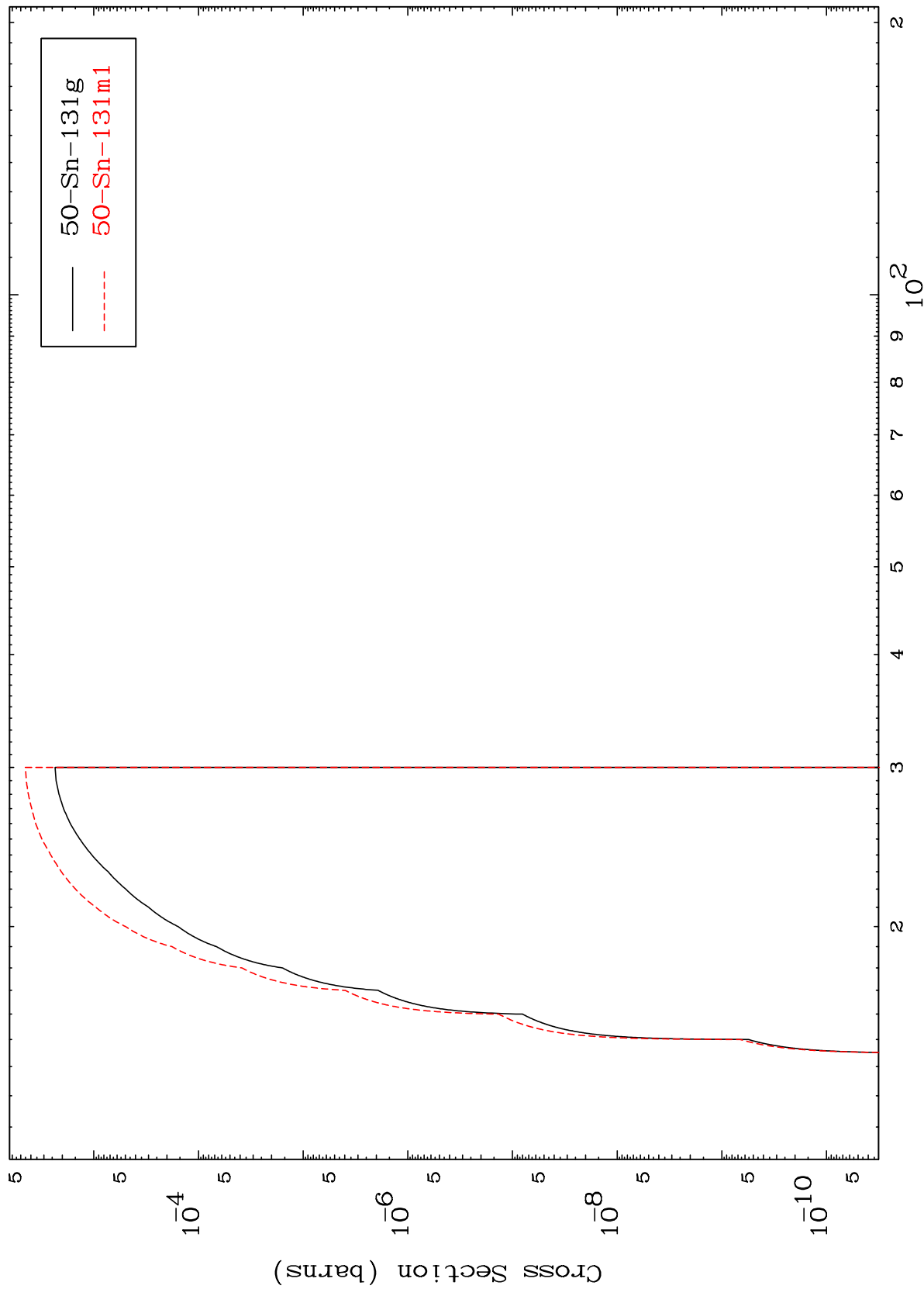
51-Sb-134m

MAT 5165

(n,n') t

51-Sb-134m

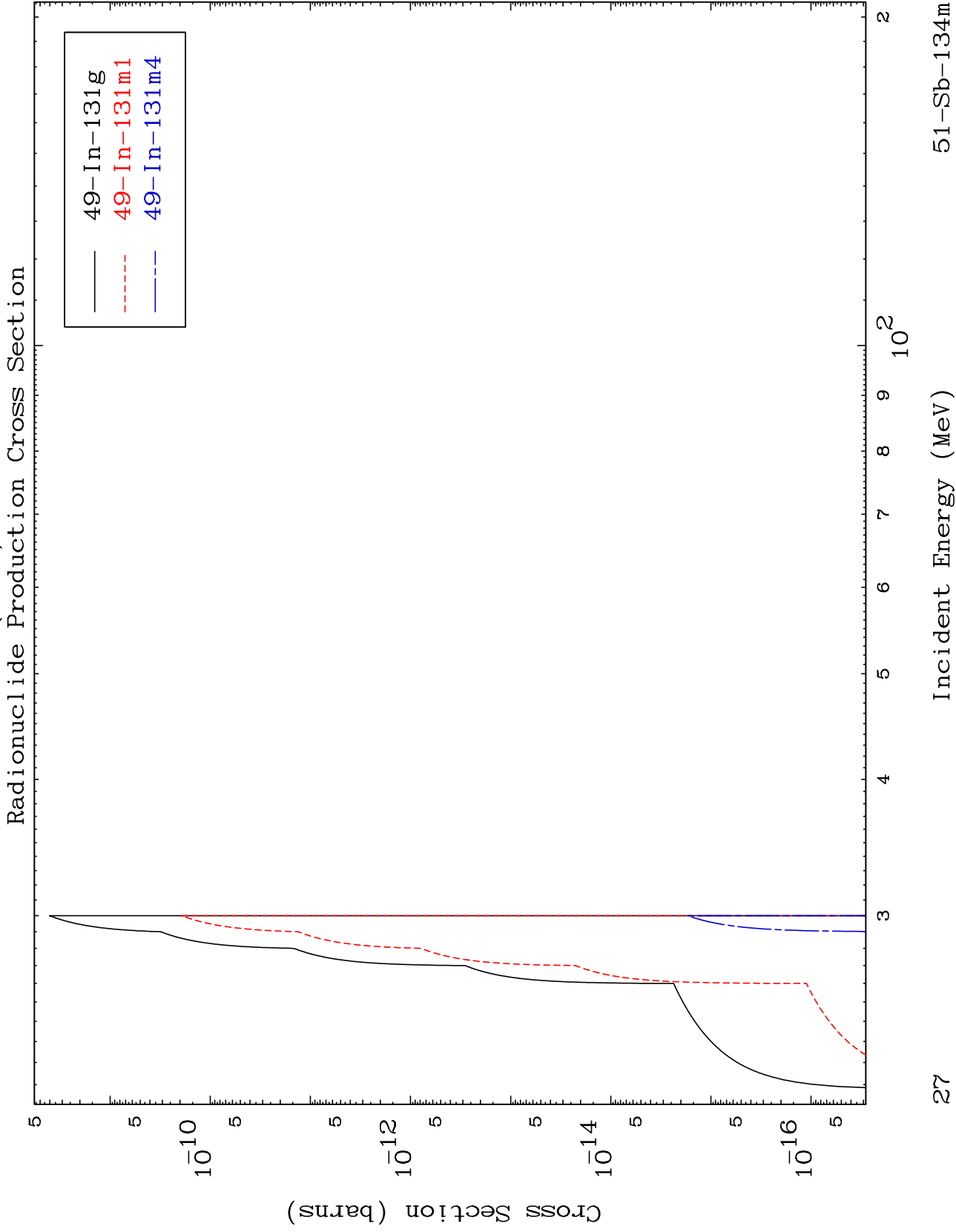
Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-134m

26

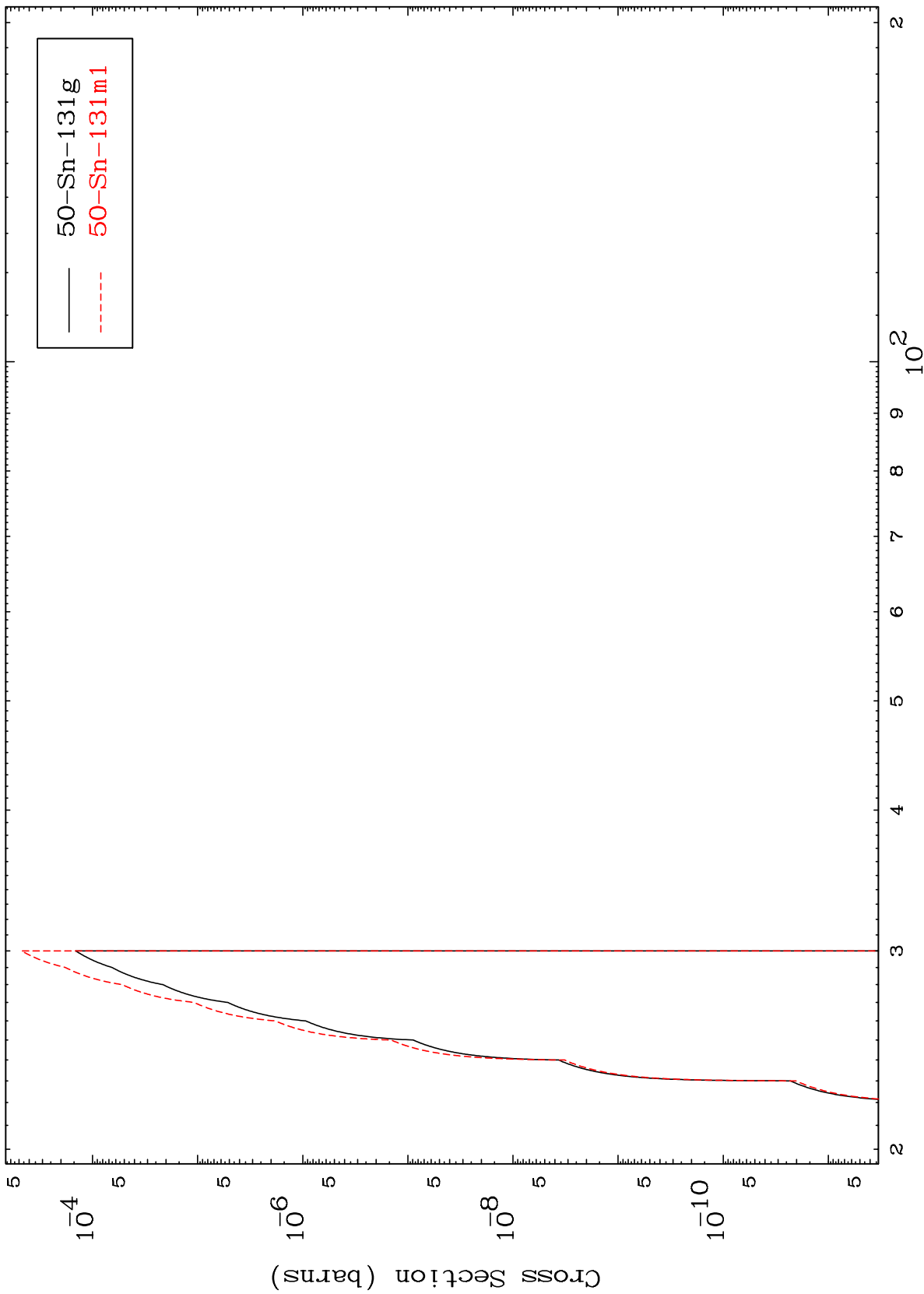


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(n,3n) p

51-Sb-134m

Radionuclide Production Cross Section



28

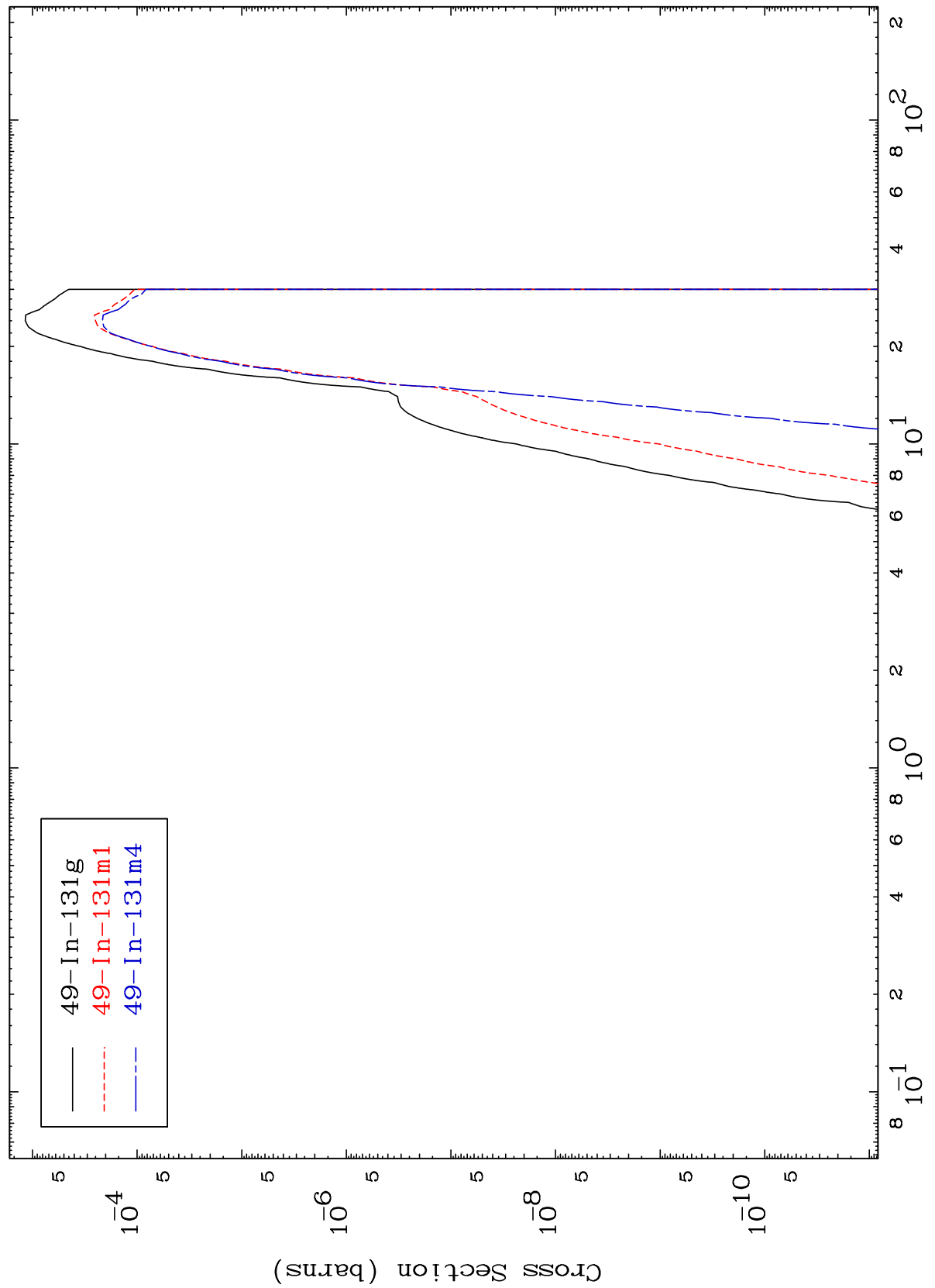
Incident Energy (MeV)

51-Sb-134m

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51-Sb-134m

Radionuclide Production Cross Section
(n, α)



29

51-Sb-134m

Incident Energy (MeV)