

Program EVALPLOT
(Version 2021-1)

by

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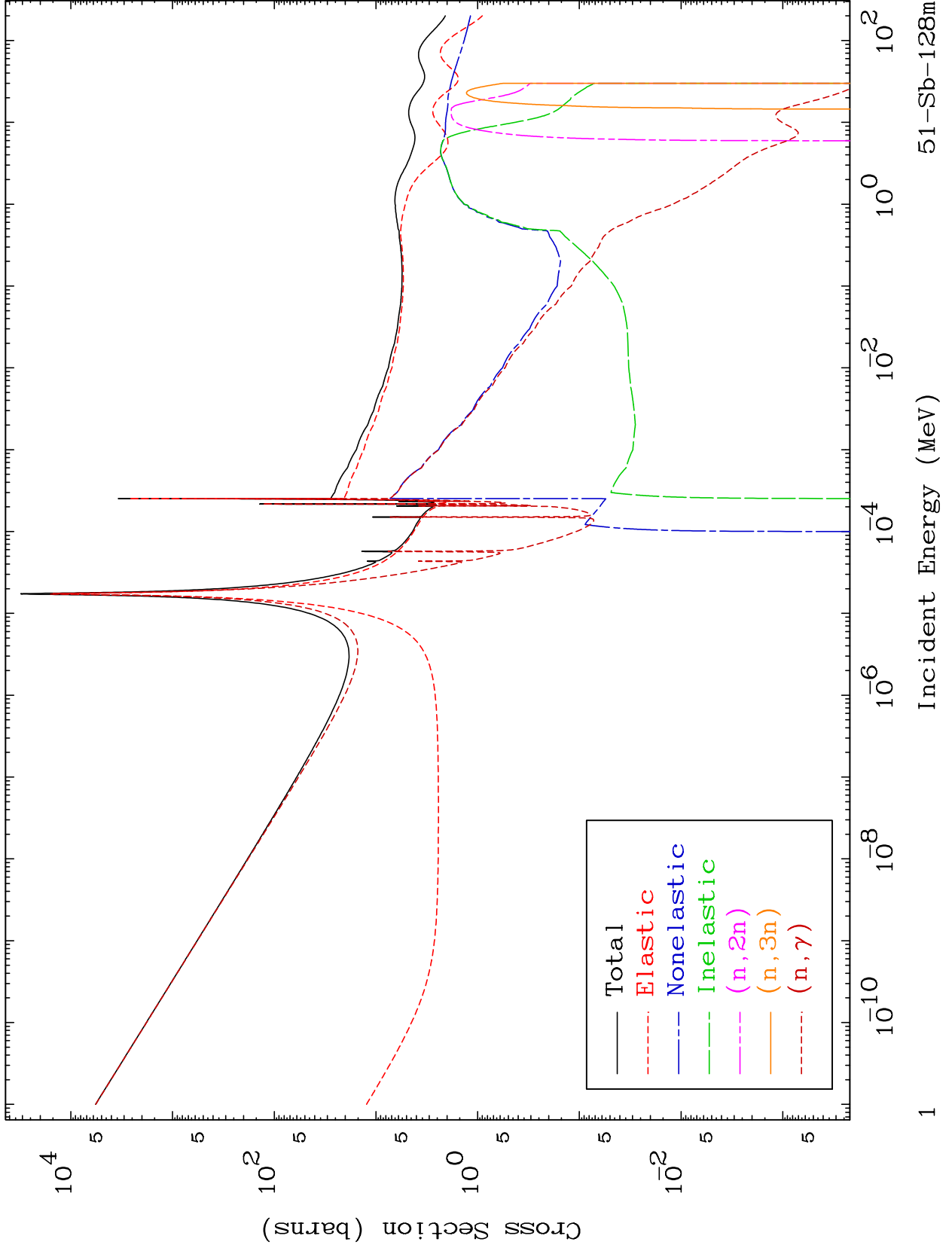
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5147

Neutron Major
293 Kelvin Cross Sections

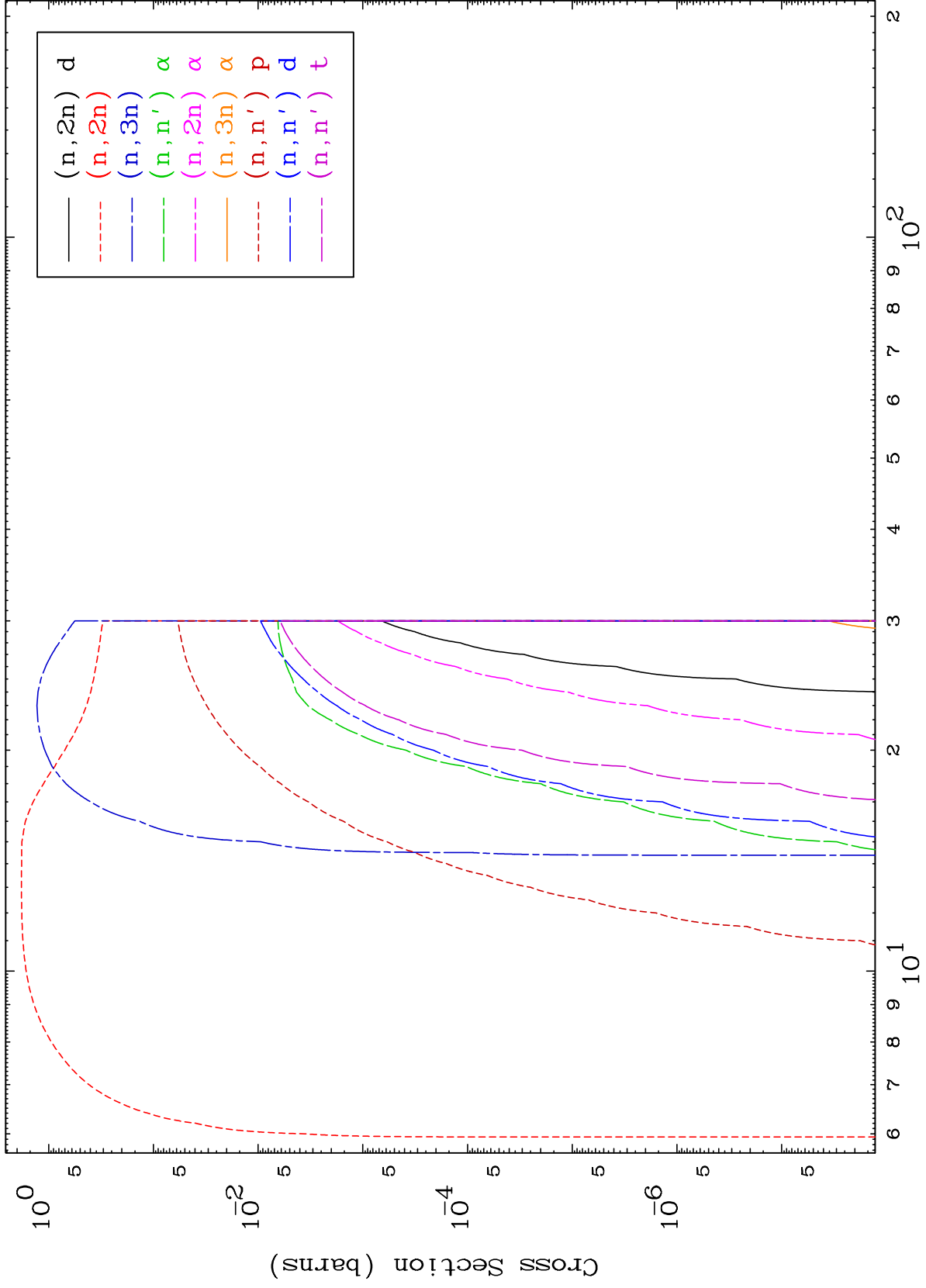
51-Sb-128m



MAT 5147

Neutron Absorption
293 Kelvin Cross Sections

51-Sb-128m



2

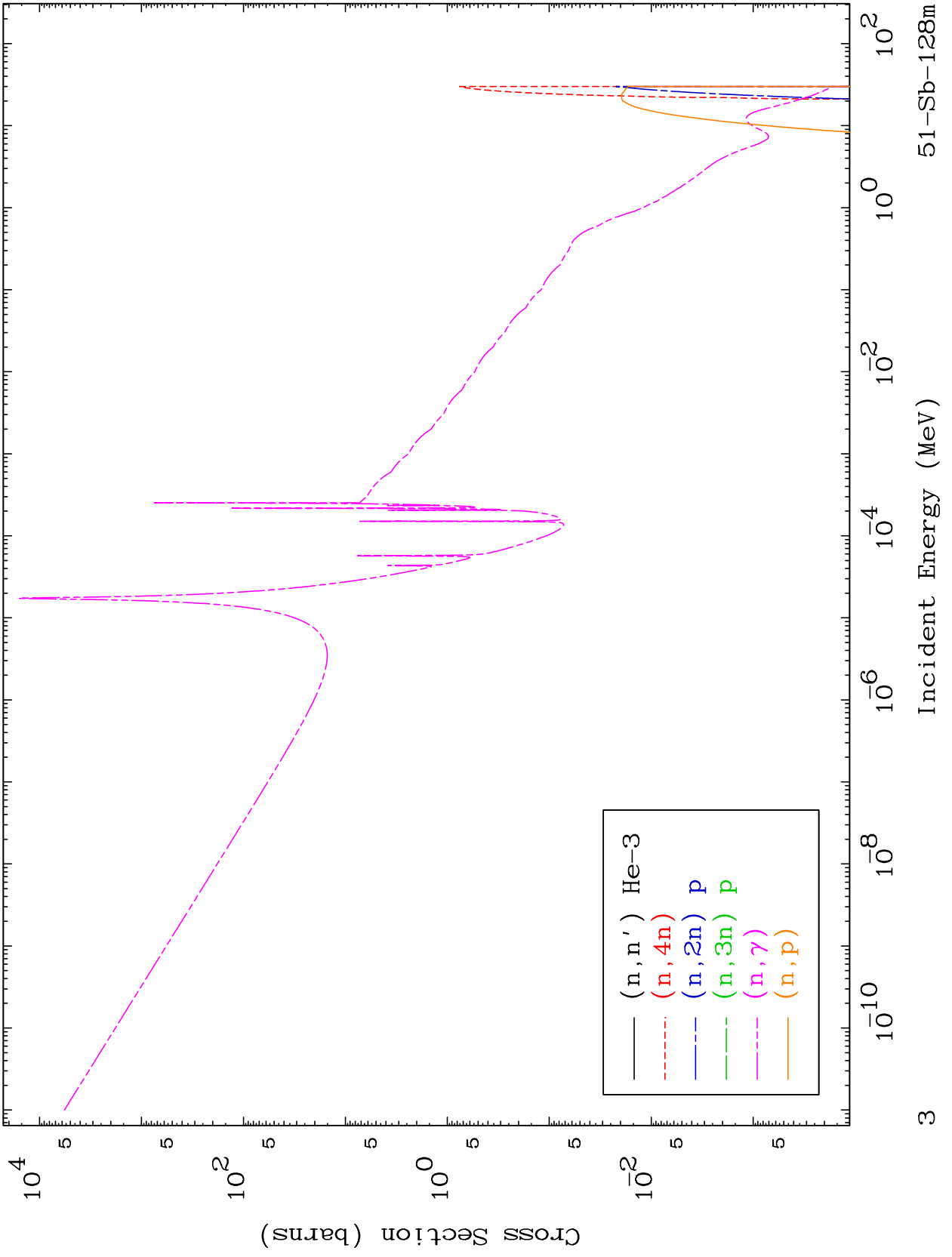
Incident Energy (MeV)

51-Sb-128m

MAT 5147

Neutron Absorption
293 Kelvin Cross Sections

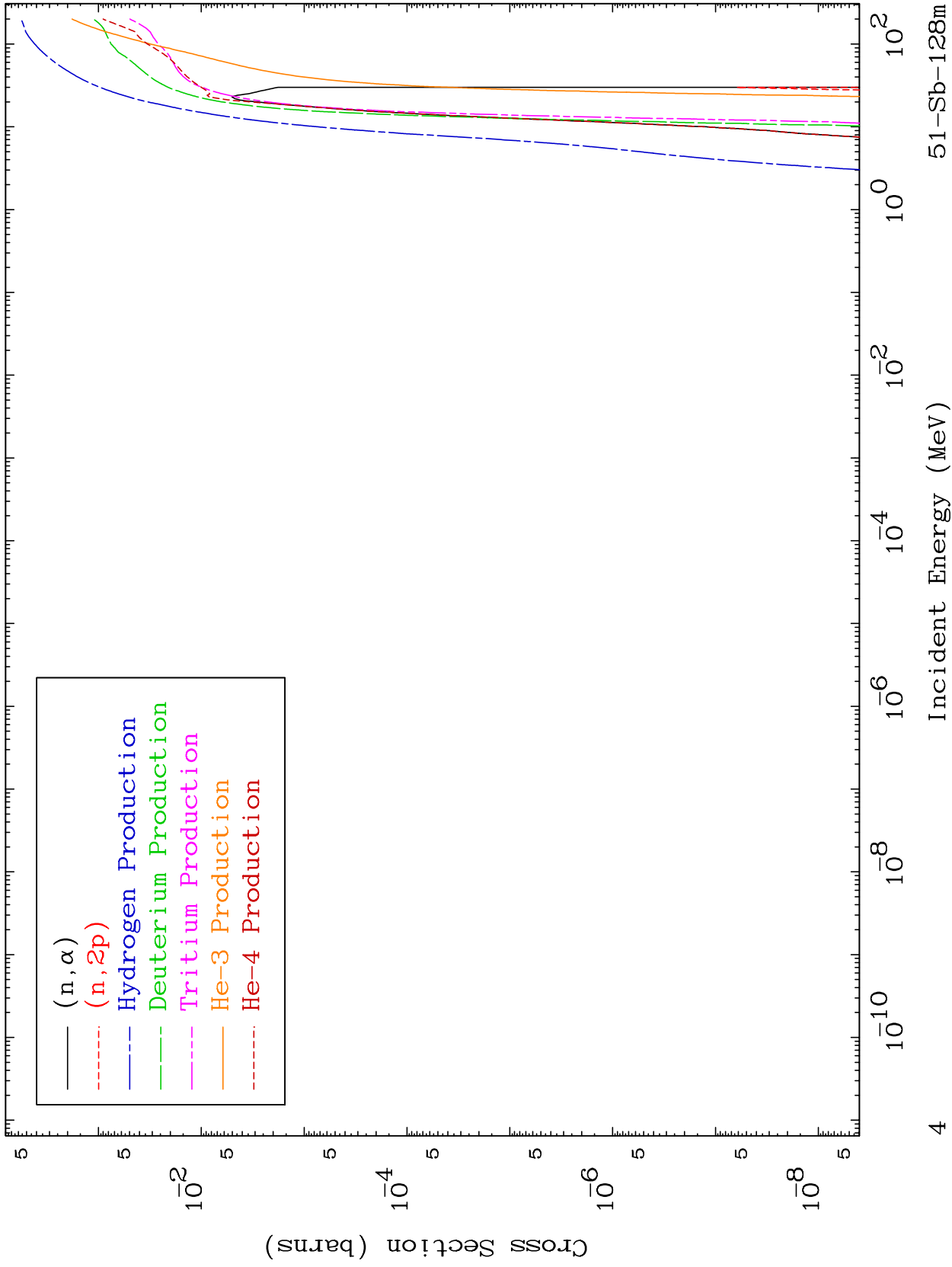
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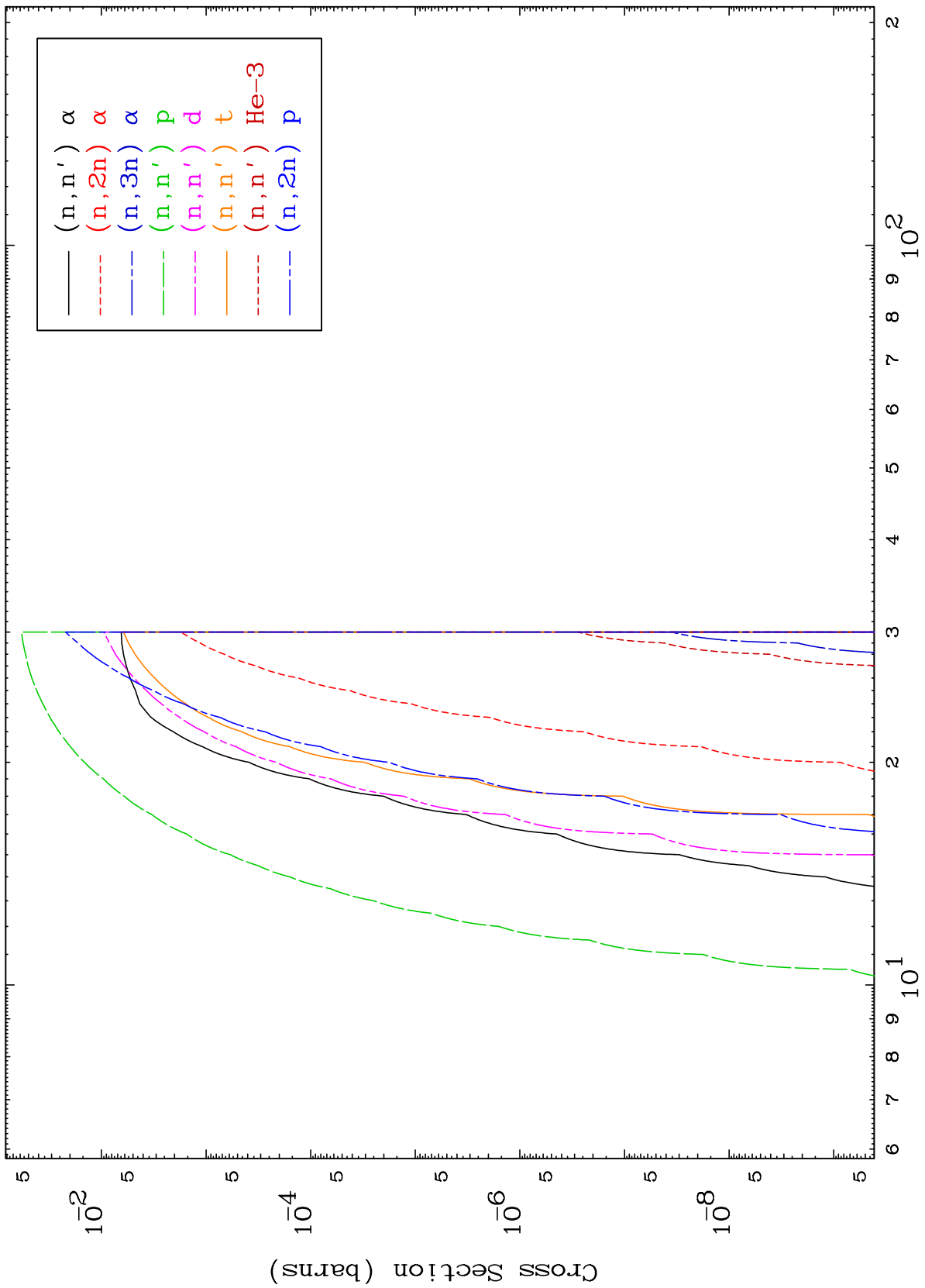


MAT 5147

Neutron Absorption
293 Kelvin Cross Sections

51-Sb-128m

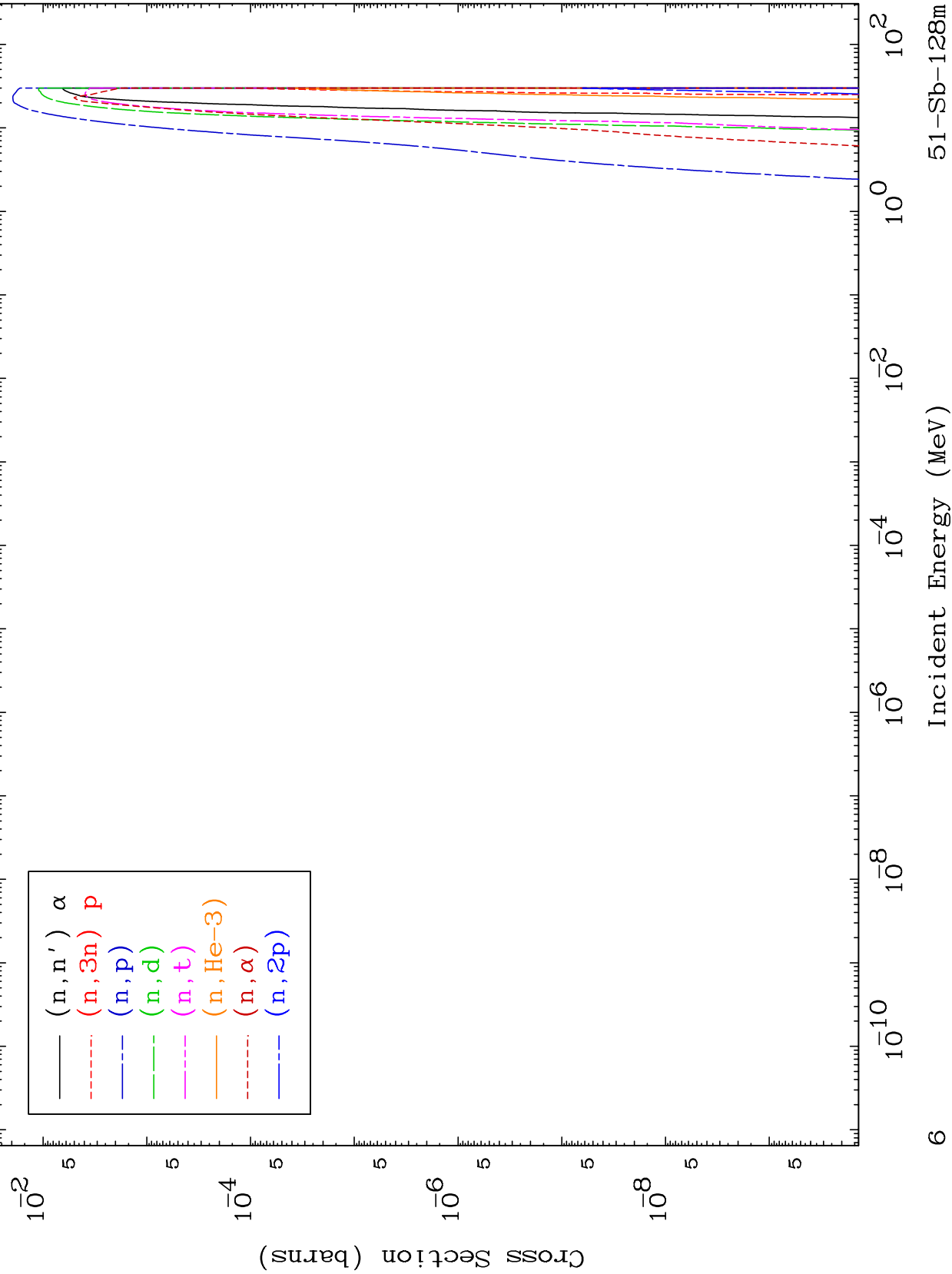




MAT 5147

Charged Particle
293 Kelvin Cross Sections

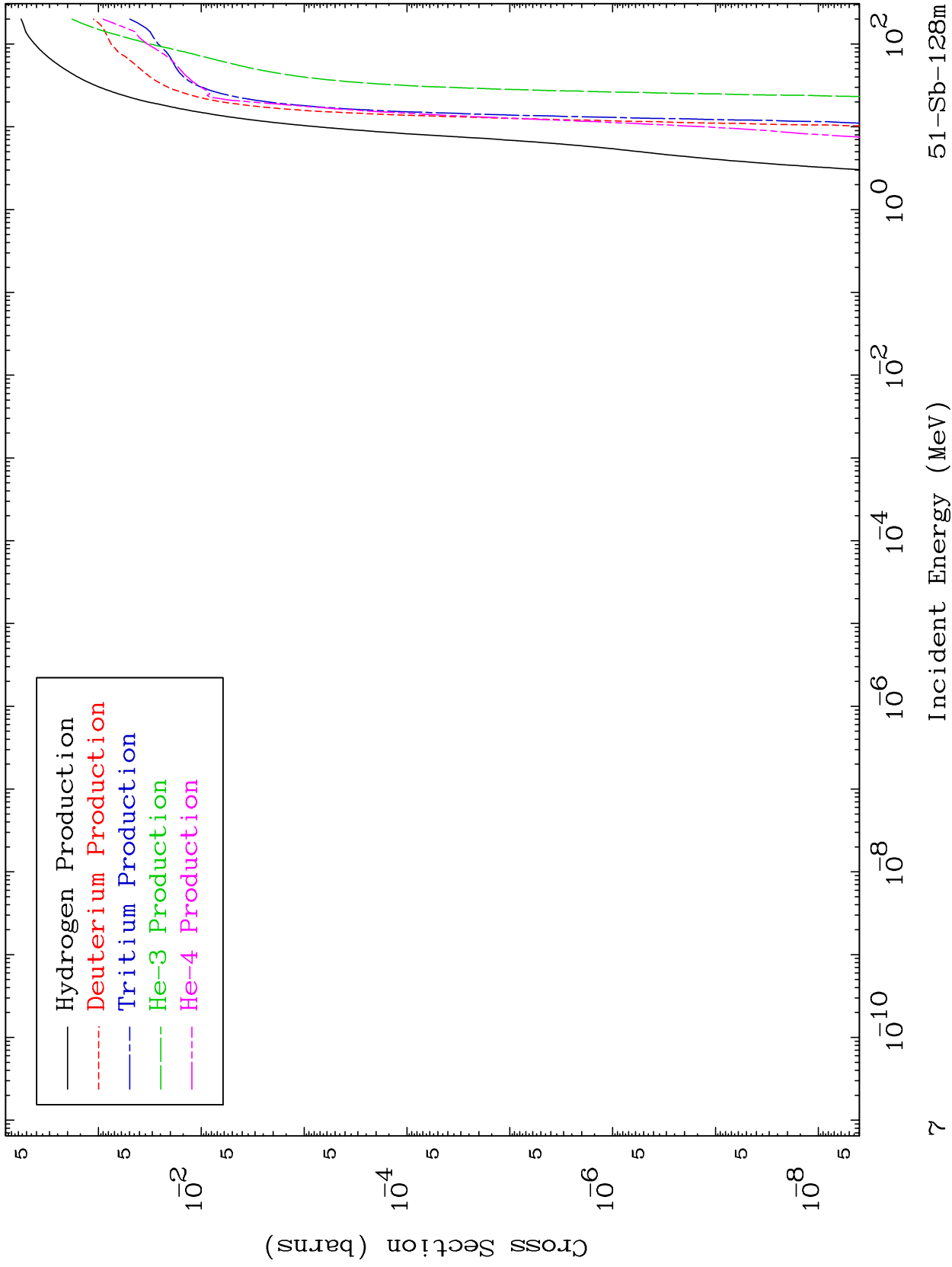
51-Sb-128m



MAT 5147

Particle Production
293 Kelvin Cross Sections

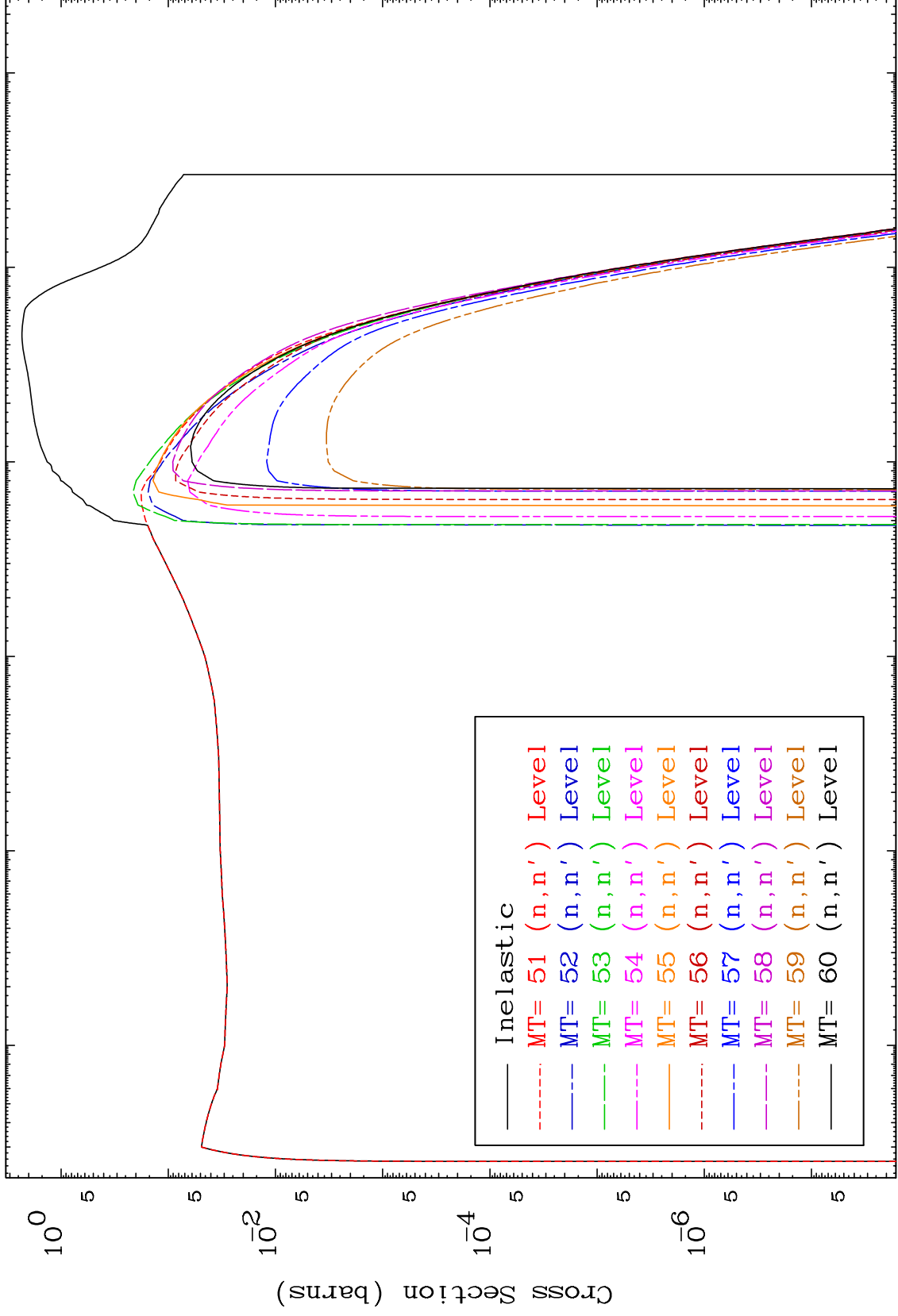
51-Sb-128m



MAT 5147

(n,n') Levels
293 Kelvin Cross Sections

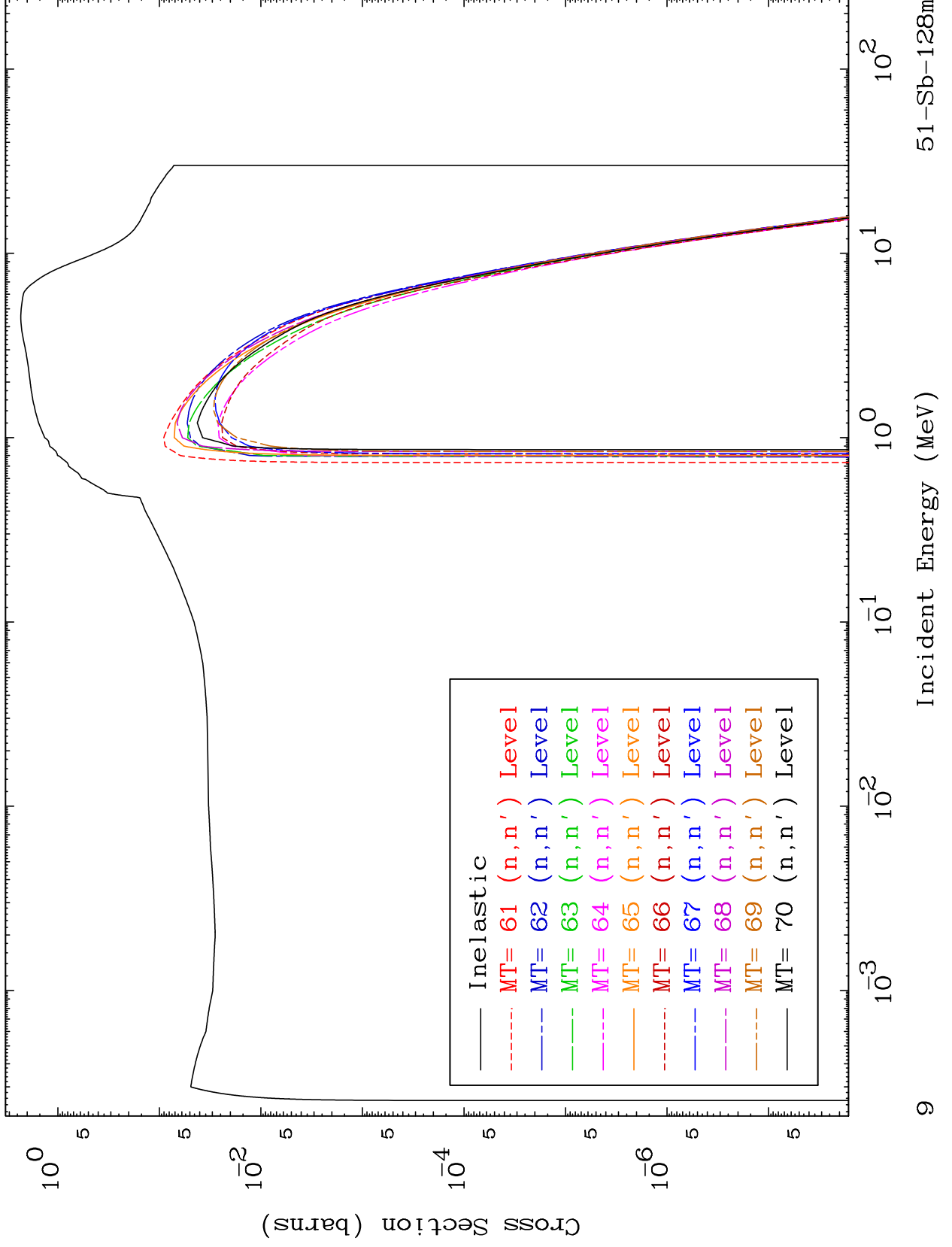
51-Sb-128m



MAT 5147

(n,n') Levels
293 Kelvin Cross Sections

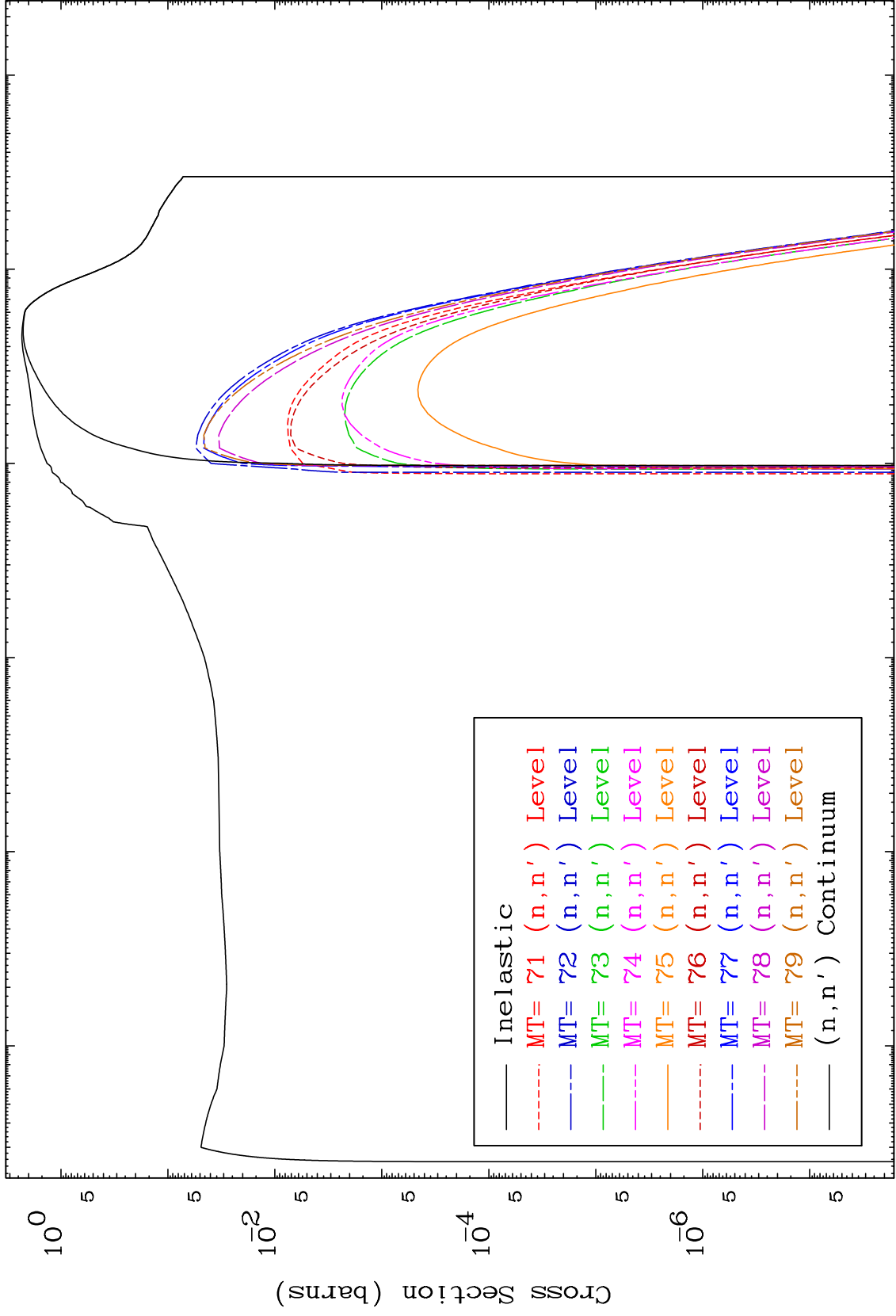
51-Sb-128m



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(n,n') Levels
293 Kelvin Cross Sections

51-Sb-128m



10

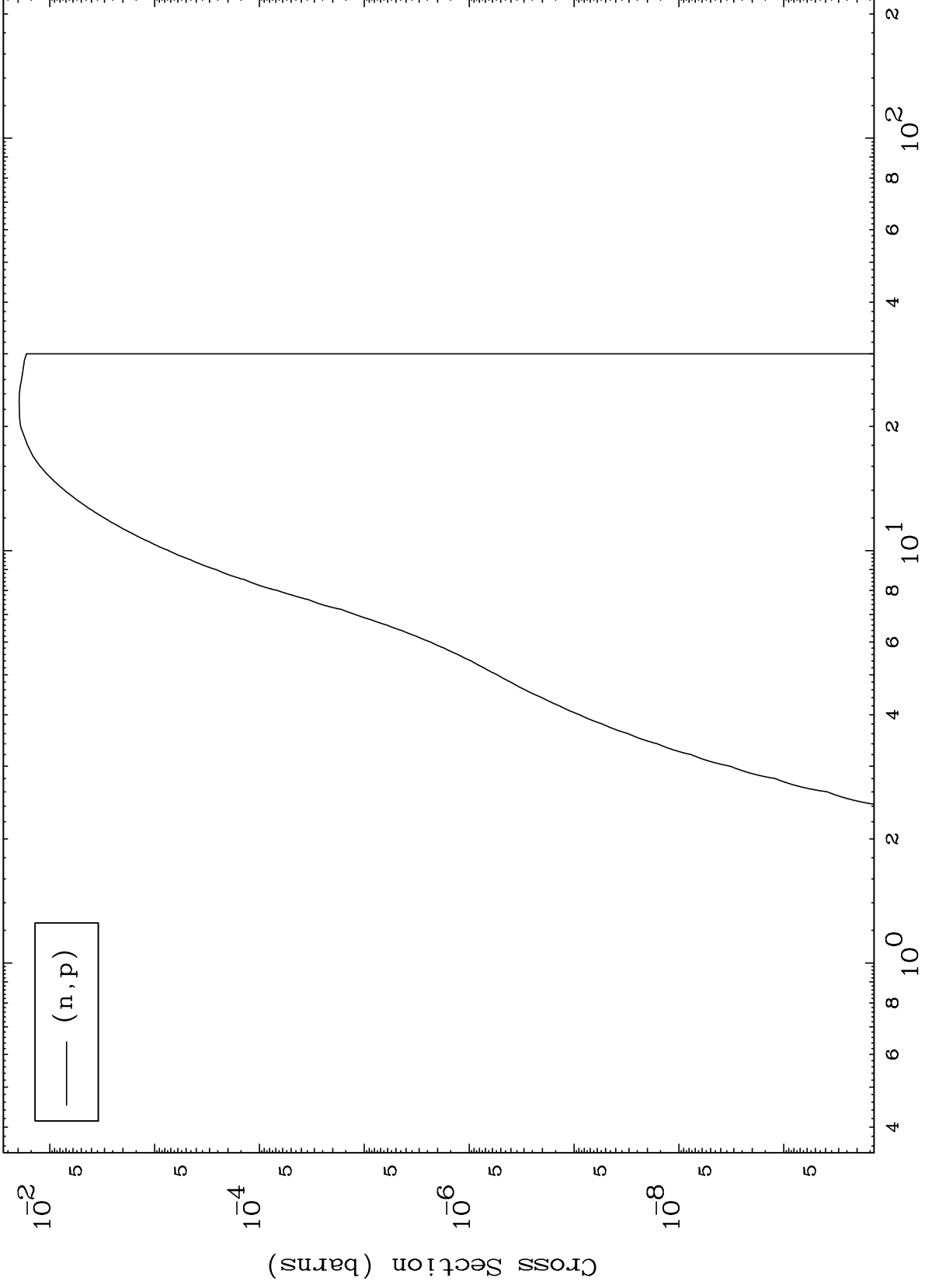
Incident Energy (MeV)

51-Sb-128m

MAT 5147

(n,p) Levels
293 Kelvin Cross Sections

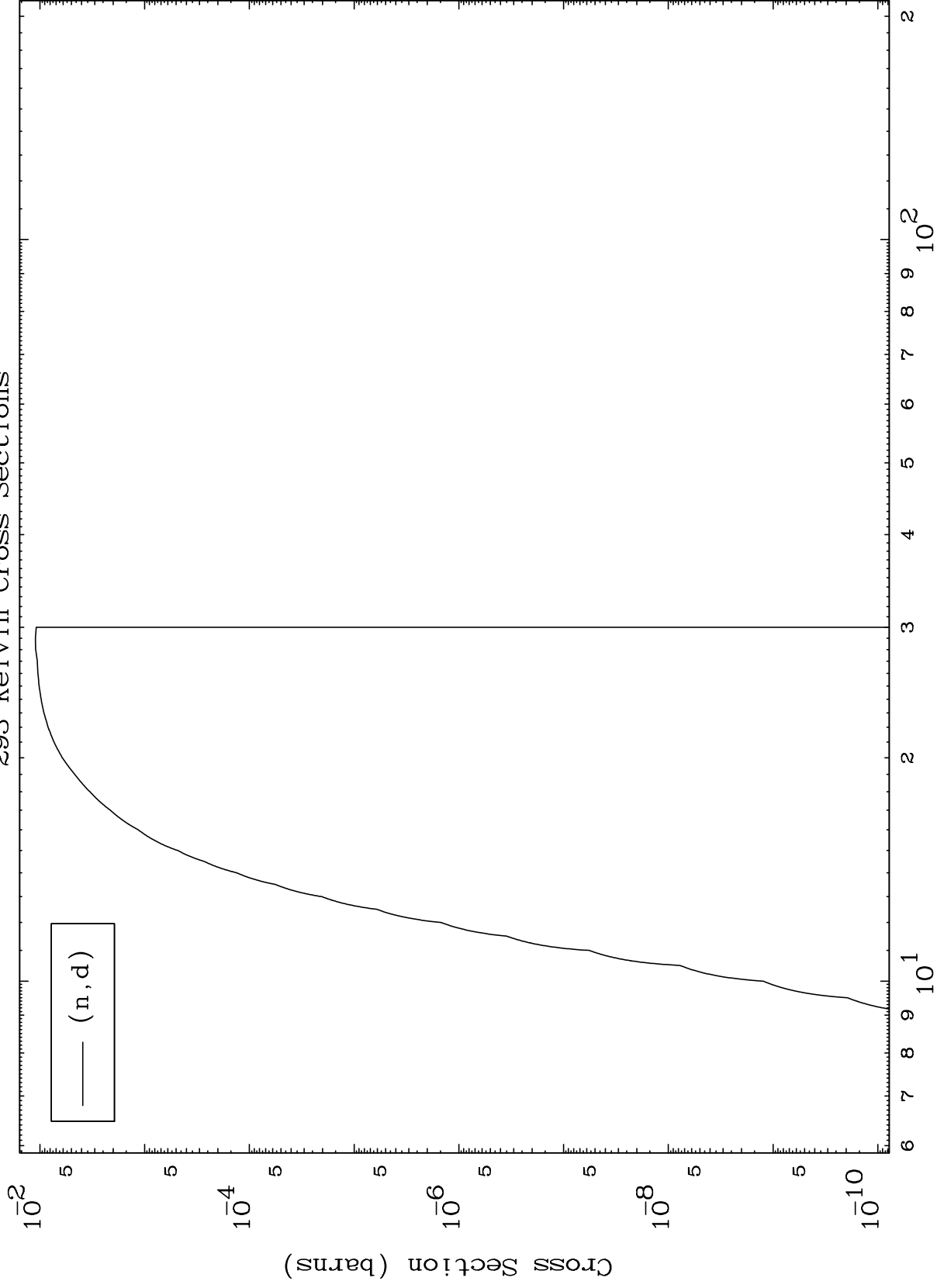
51-Sb-128m



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(n,d) Levels
293 Kelvin Cross Sections

51-Sb-128m



12

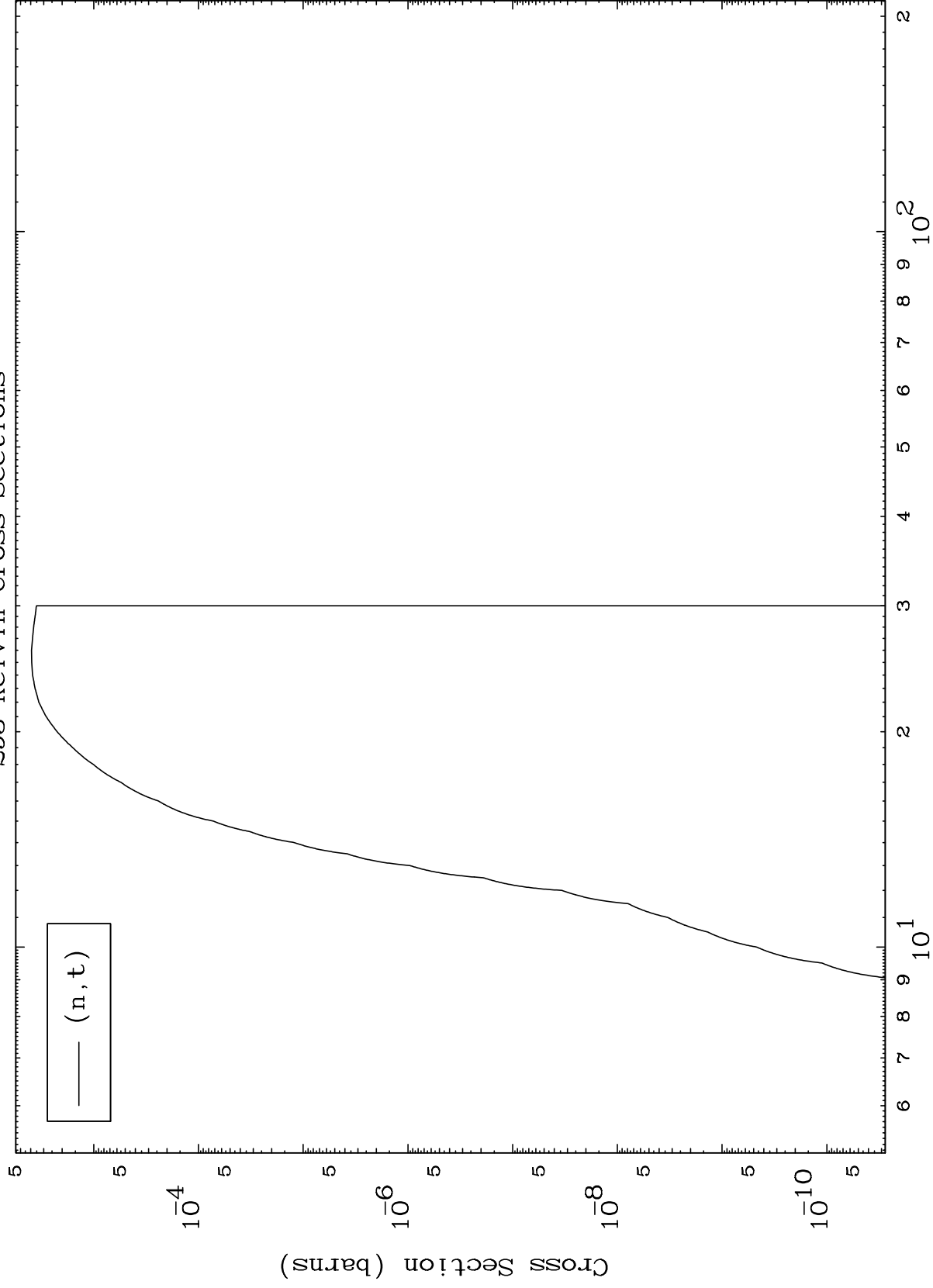
Incident Energy (MeV)

51-Sb-128m

MAT 5147

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-128m



13

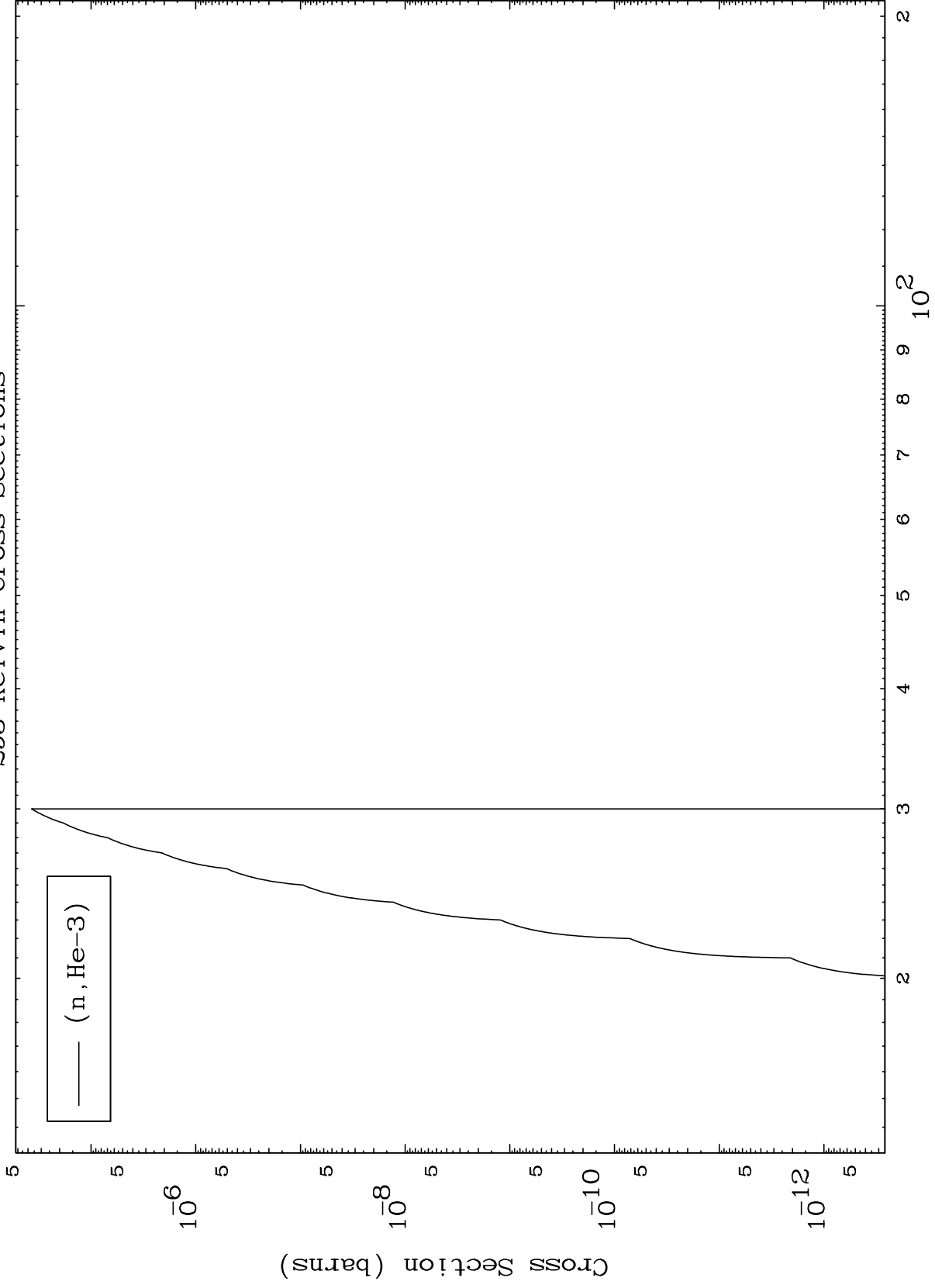
Incident Energy (MeV)

51-Sb-128m

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(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-128m



14

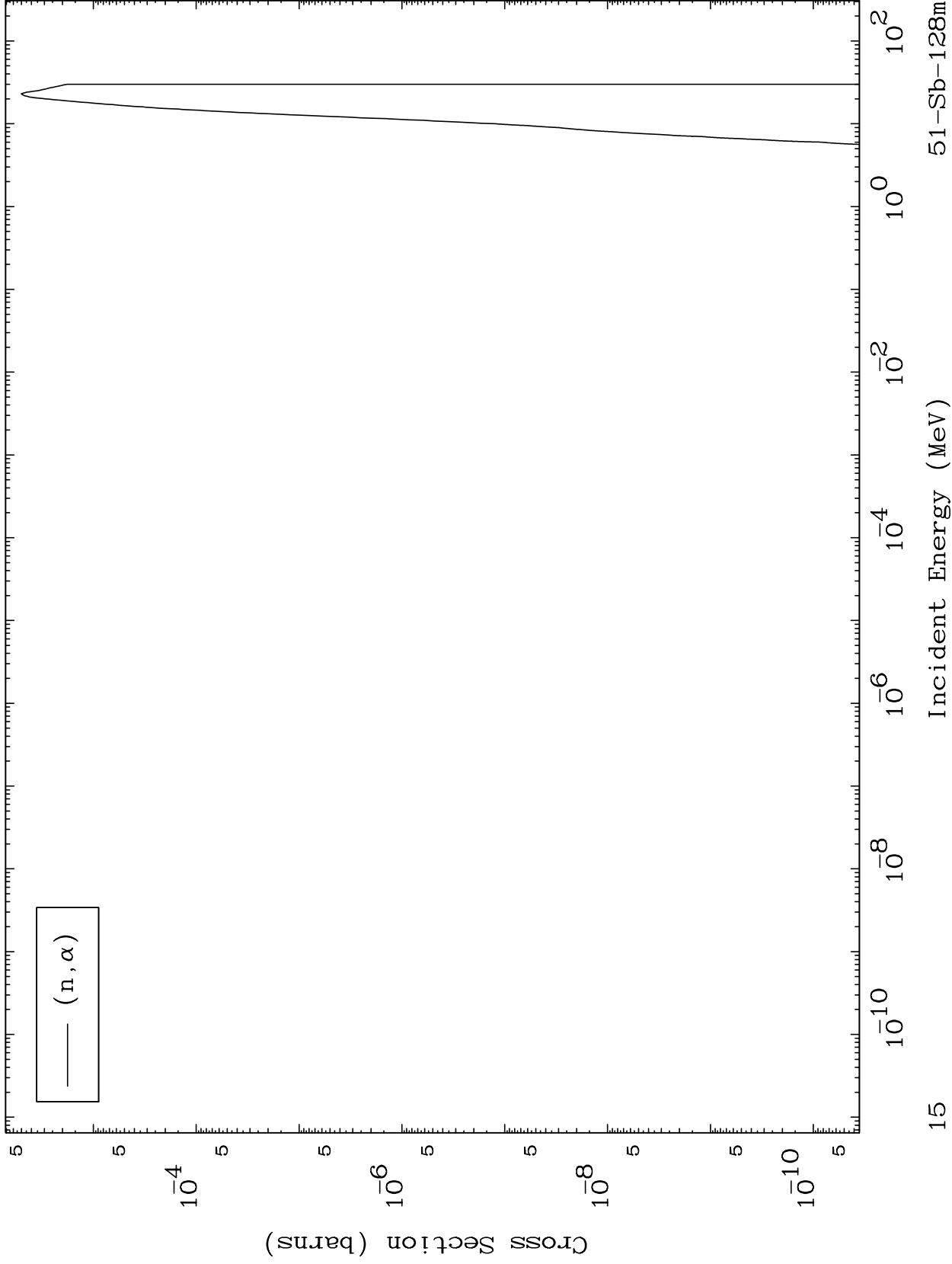
Incident Energy (MeV)

51-Sb-128m

MAT 5147

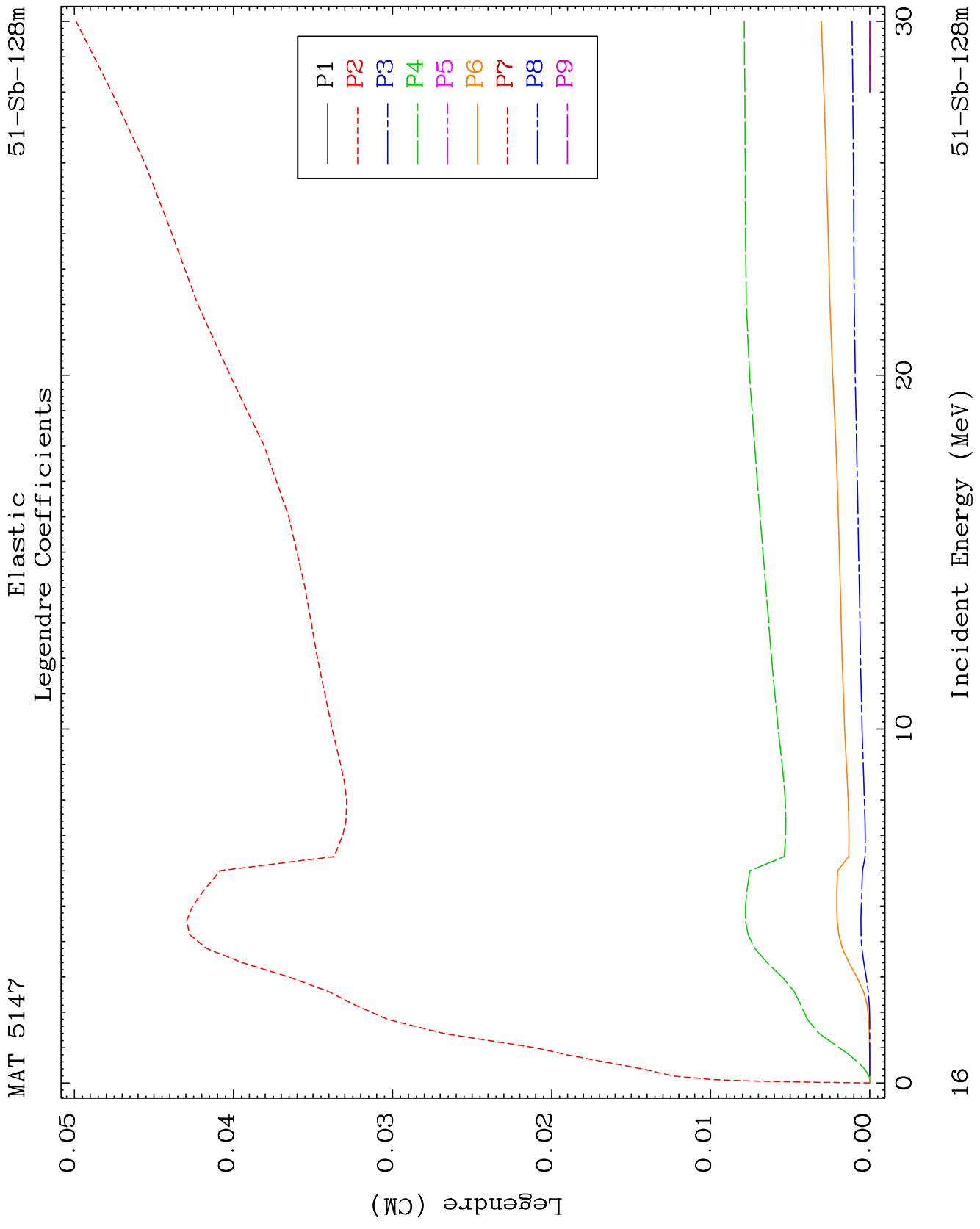
(n, α) Levels
293 Kelvin Cross Sections

51-Sb-128m



15

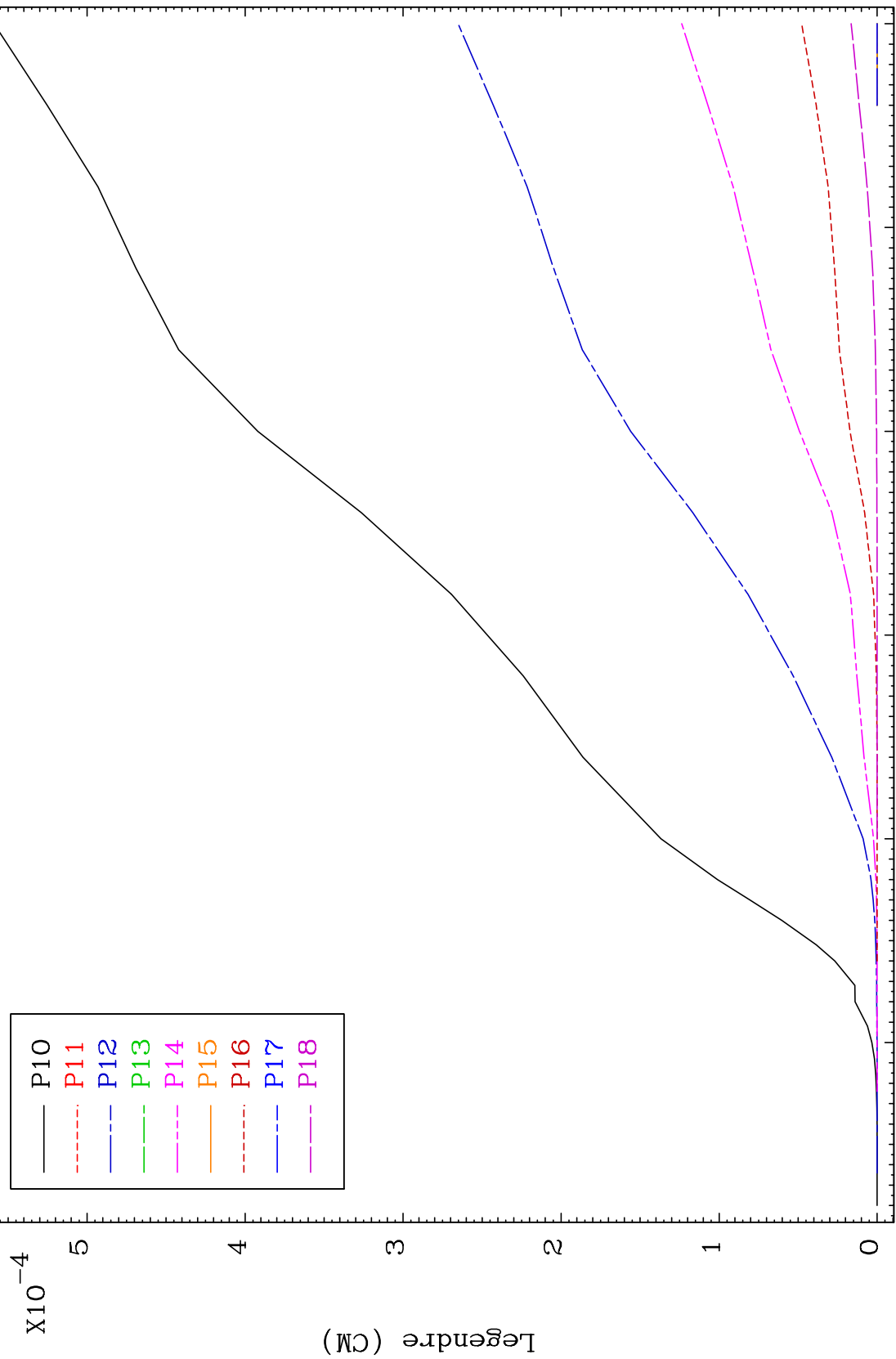
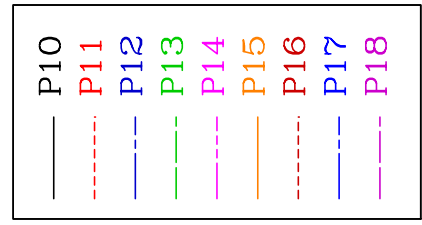
51-Sb-128m



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Elastic Legendre Coefficients

51-Sb-128m



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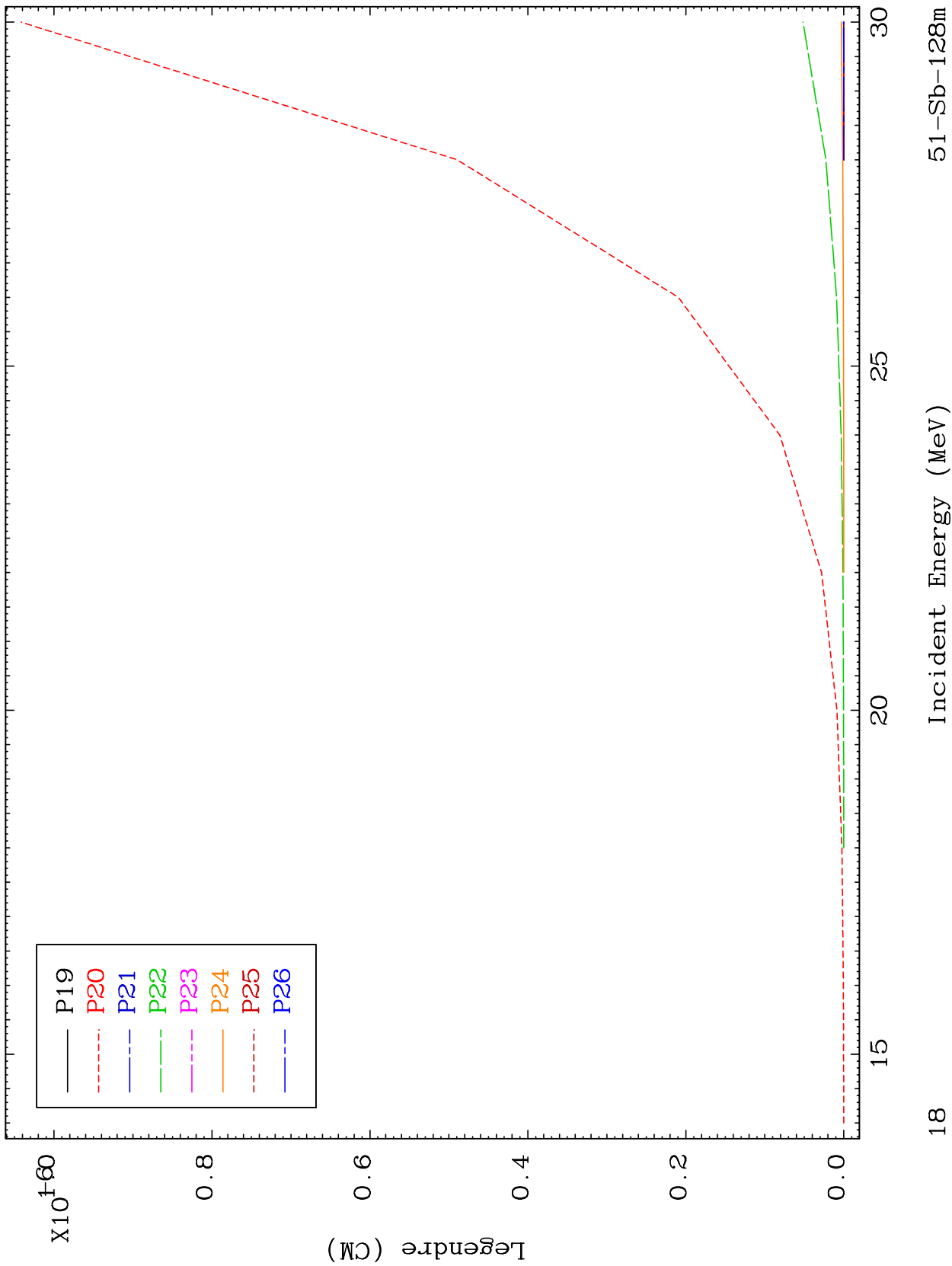
Incident Energy (MeV)

51-Sb-128m

MAT 5147

Elastic Legendre Coefficients

51-Sb-128m

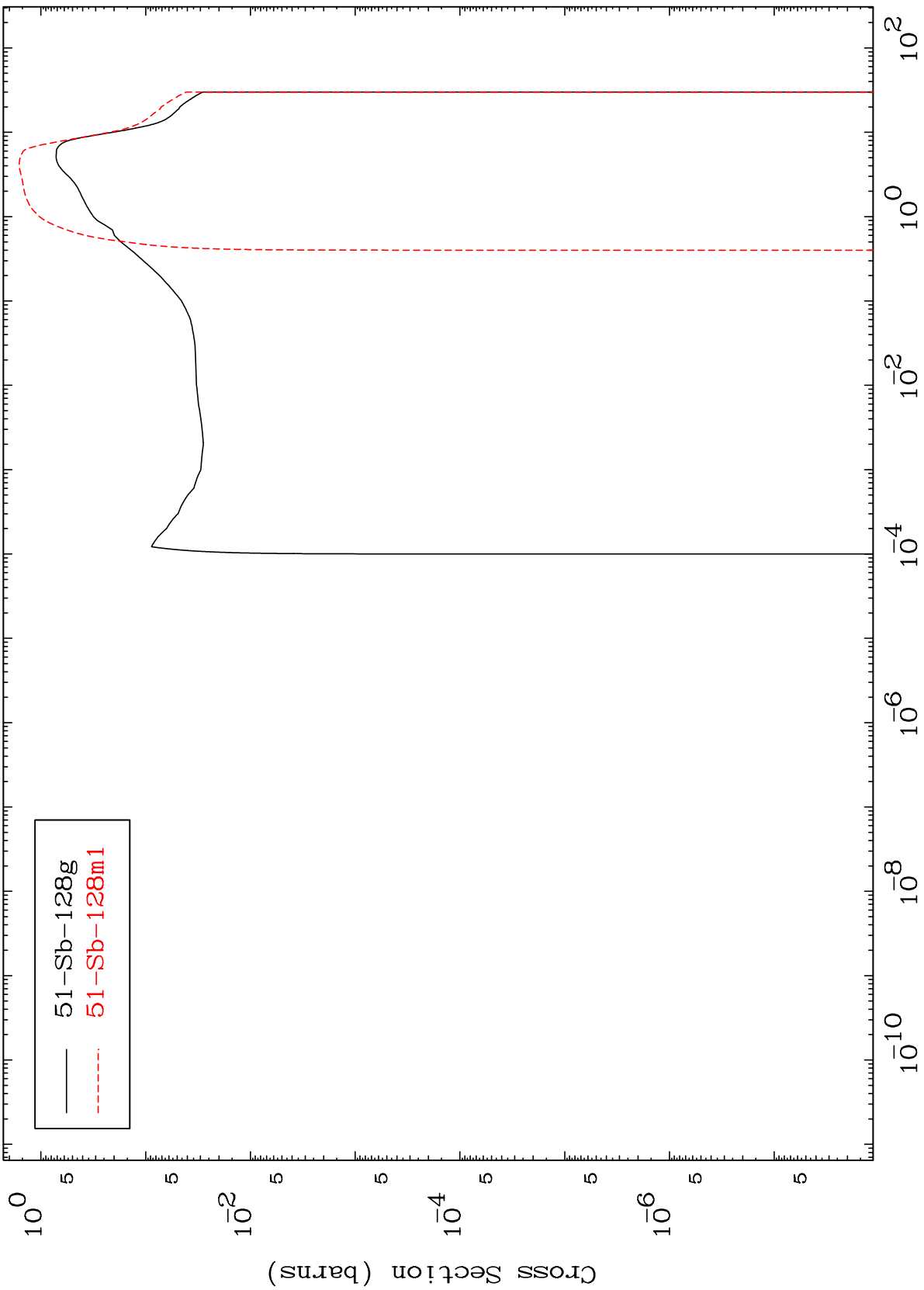


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Inelastic
Radionuclide Production Cross Section

51-Sb-128m

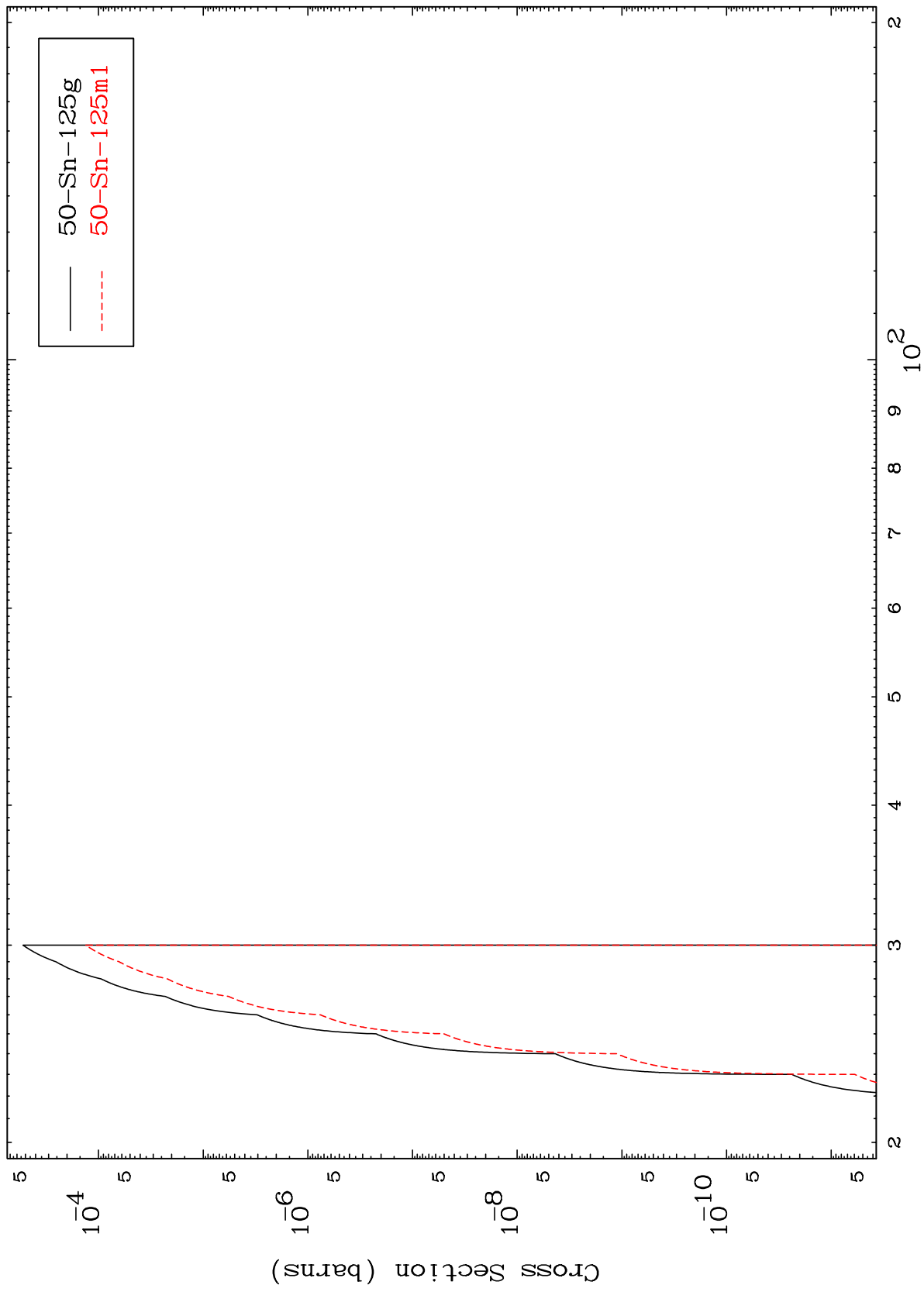


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(n,2n) d

51-Sb-128m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

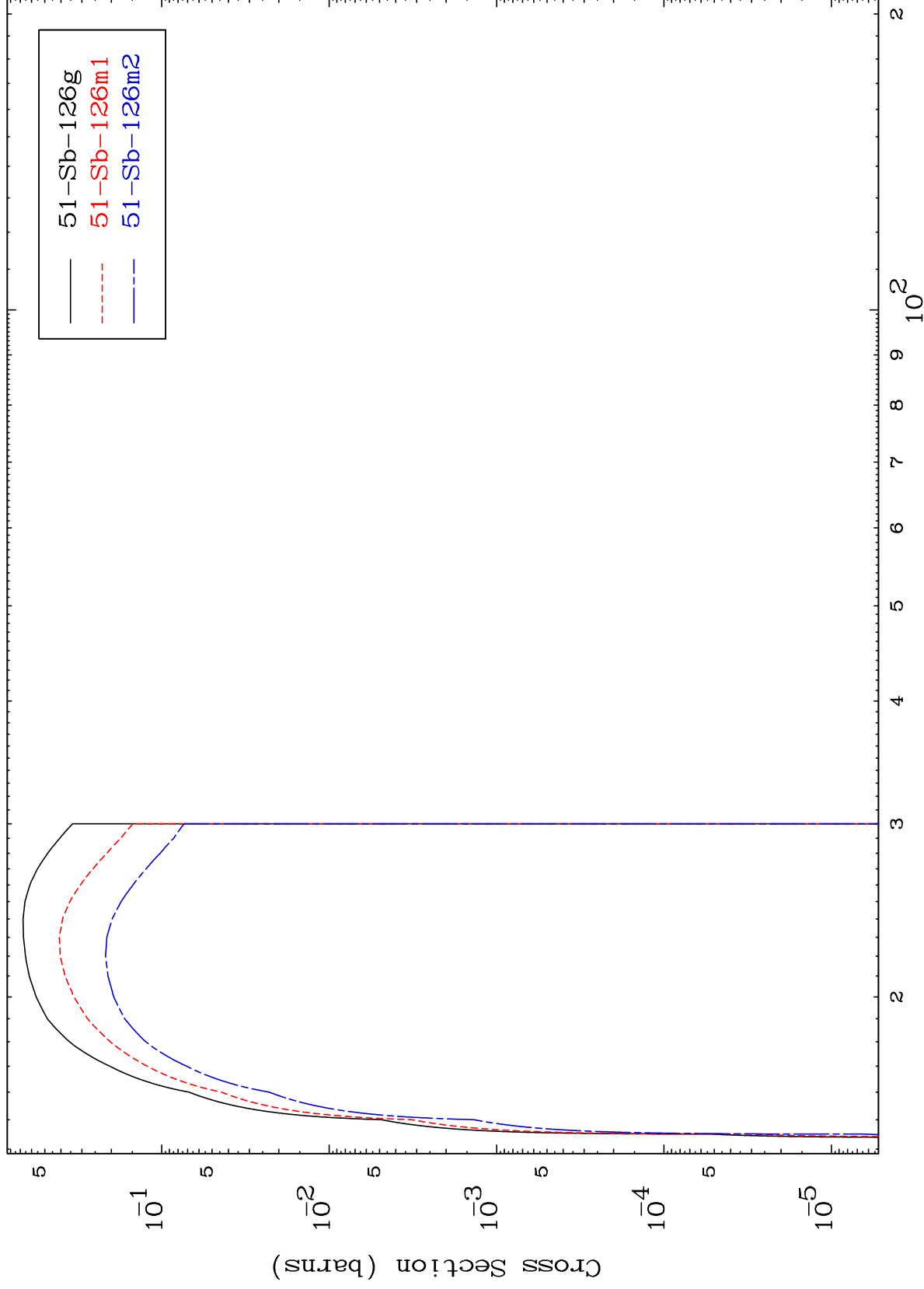
51-Sb-128m

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(n,3n)

51-Sb-128m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

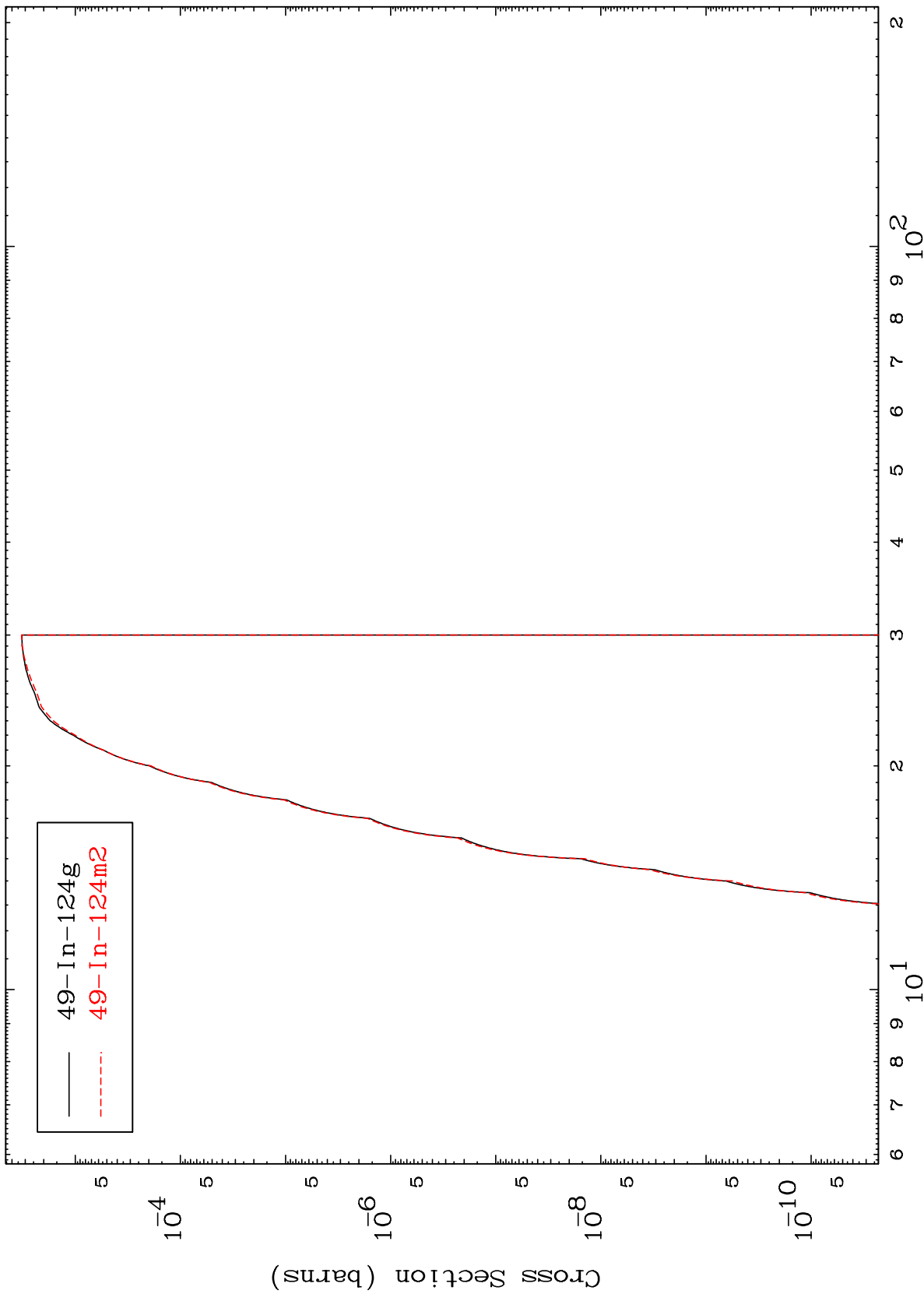
51-Sb-128m

MAT 5147

(n,n') α

51-Sb-128m

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-128m

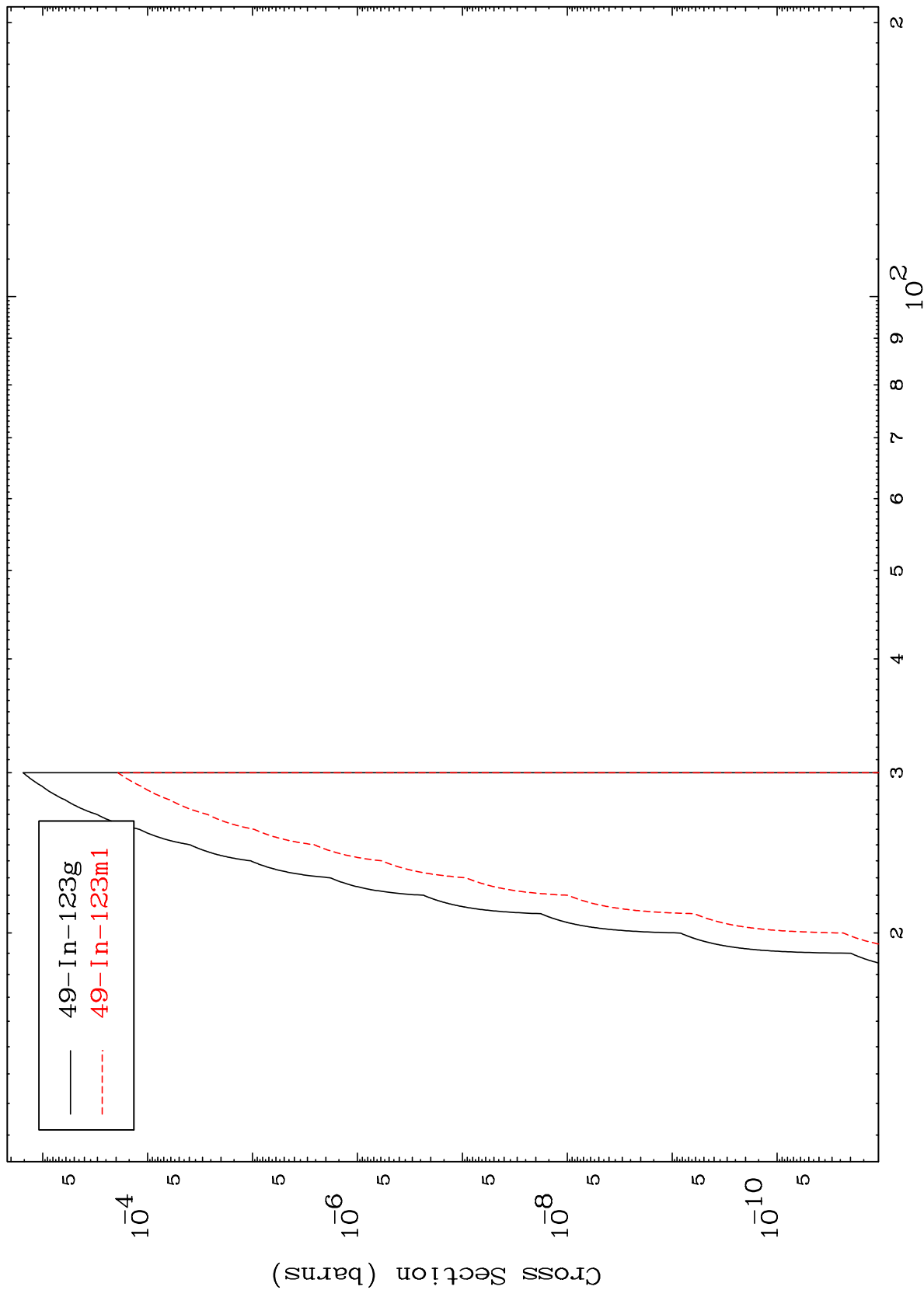
22

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51-Sb-128m

(n,2n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-128m

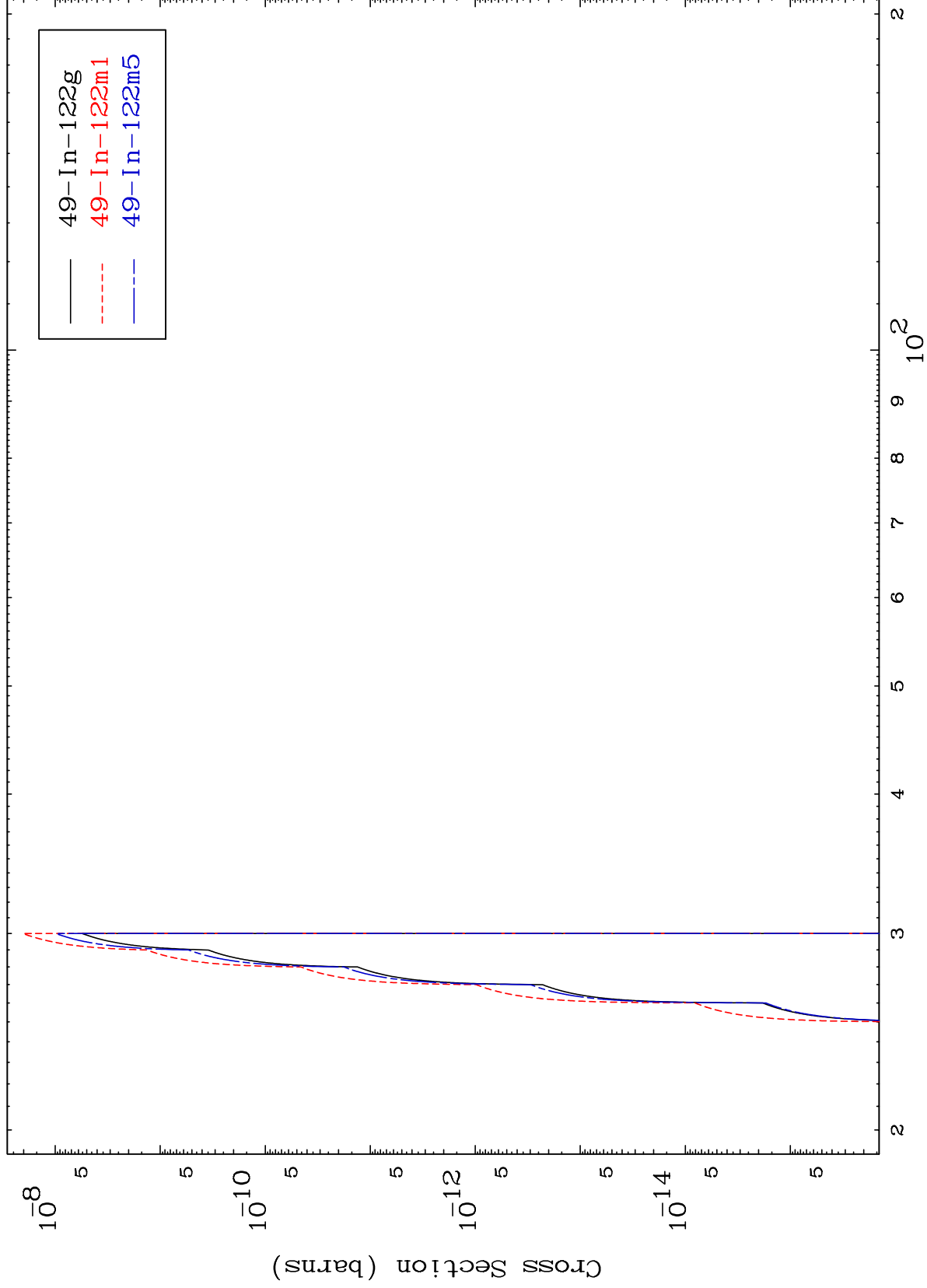
23

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(n,3n) α

51-Sb-128m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

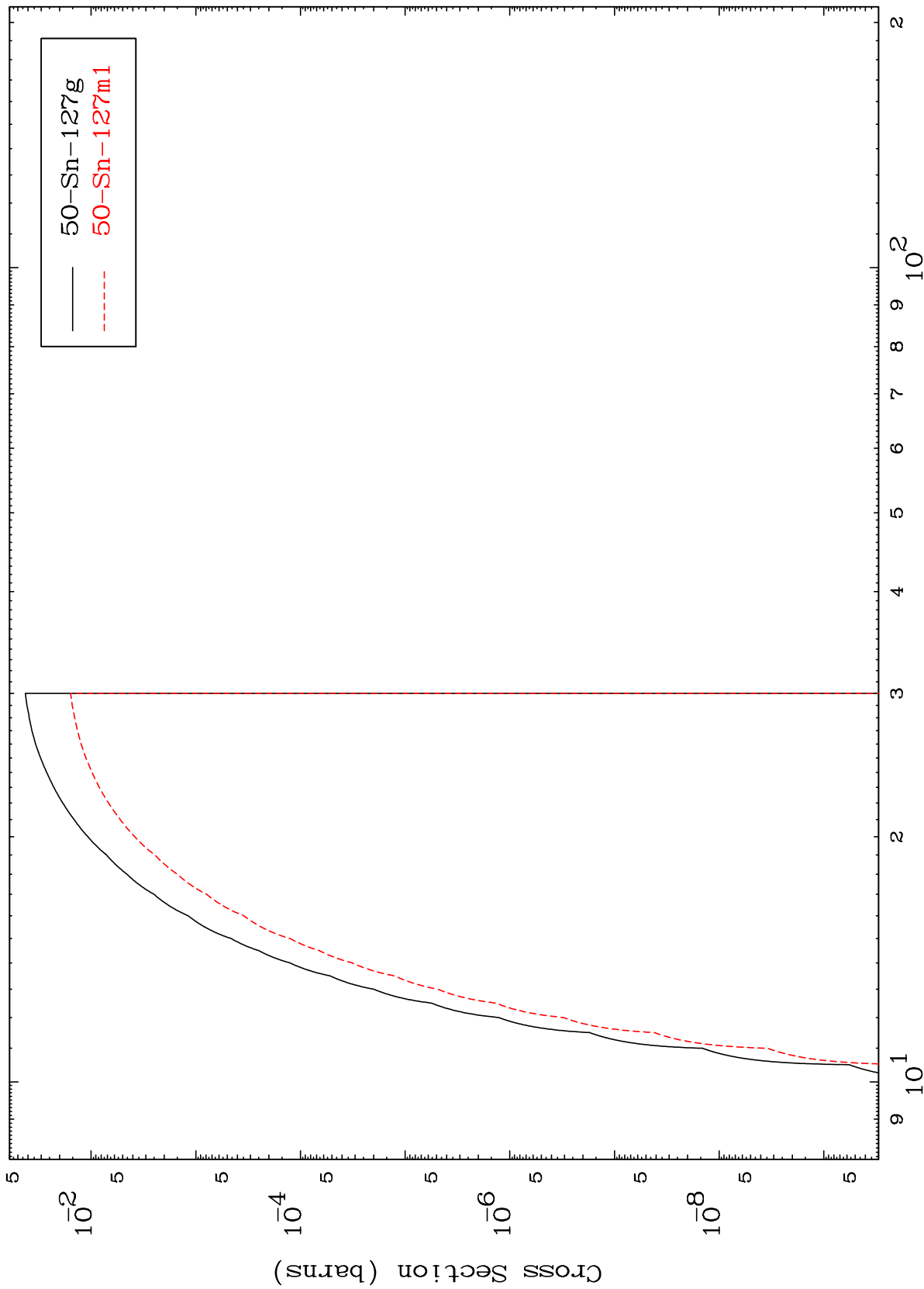
51-Sb-128m

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(n,n') p

51-Sb-128m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

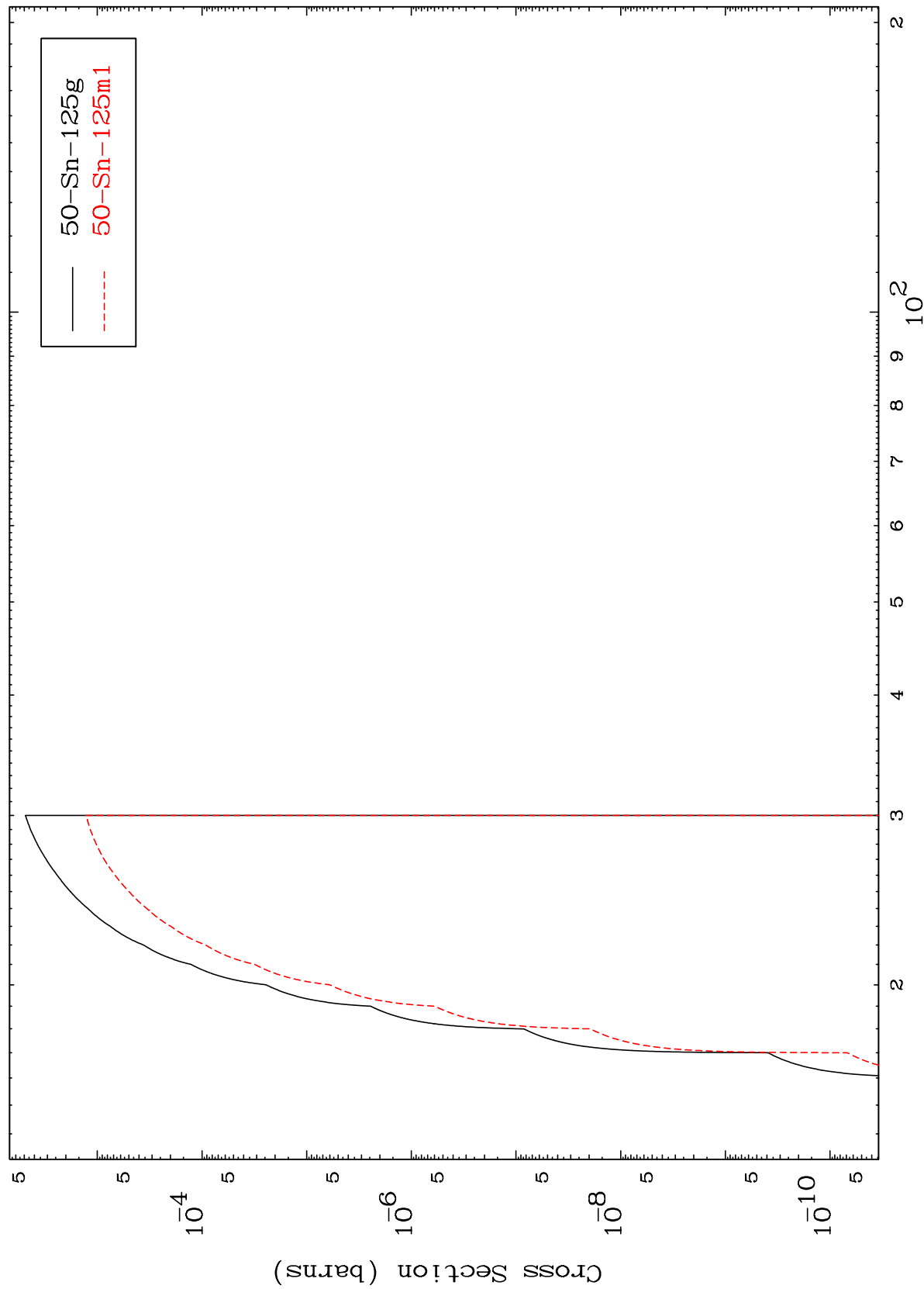
51-Sb-128m

MAT 5147

(n,n') t

51-Sb-128m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

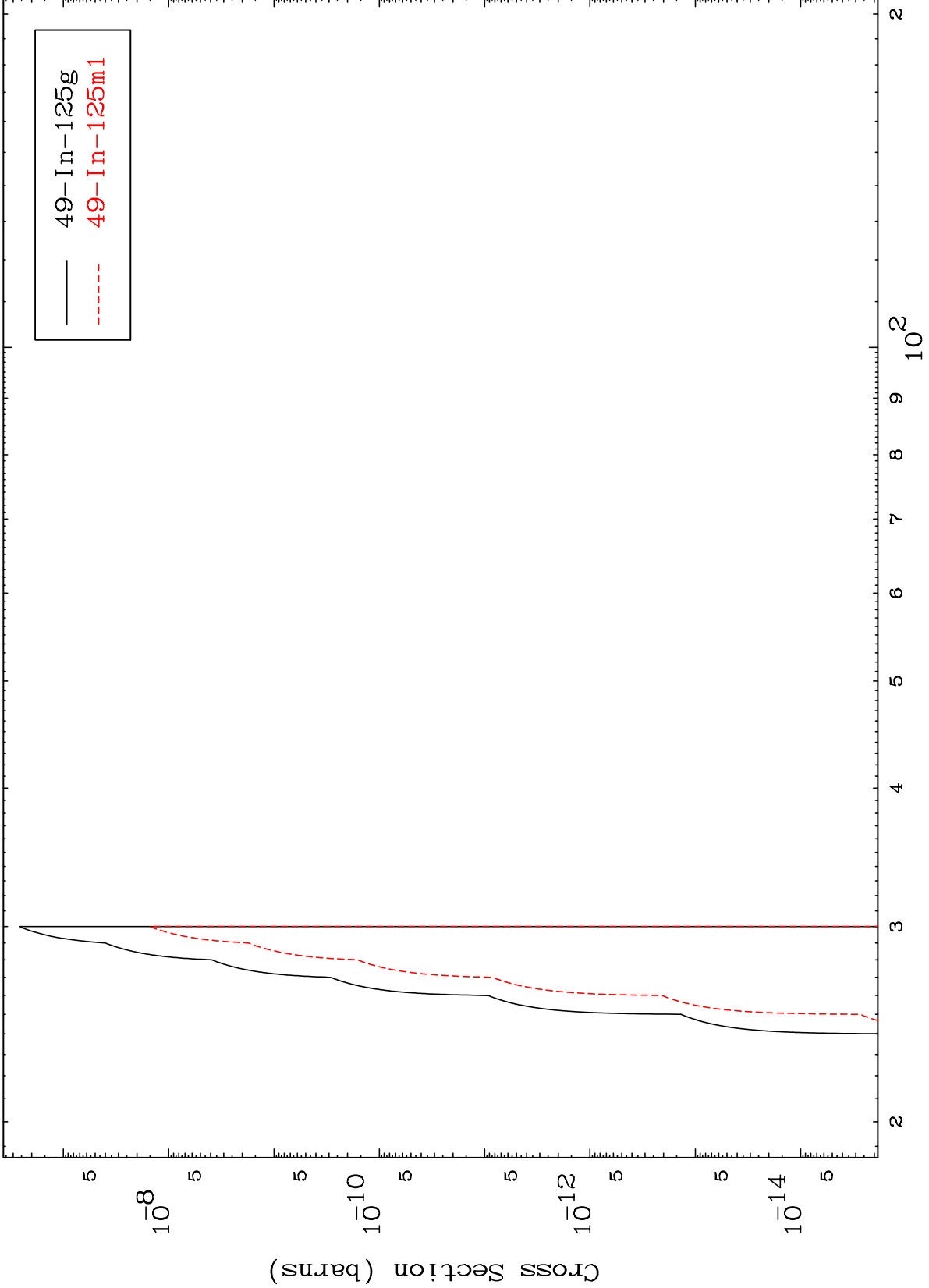
51-Sb-128m

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(n,n') He-3

51-Sb-128m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

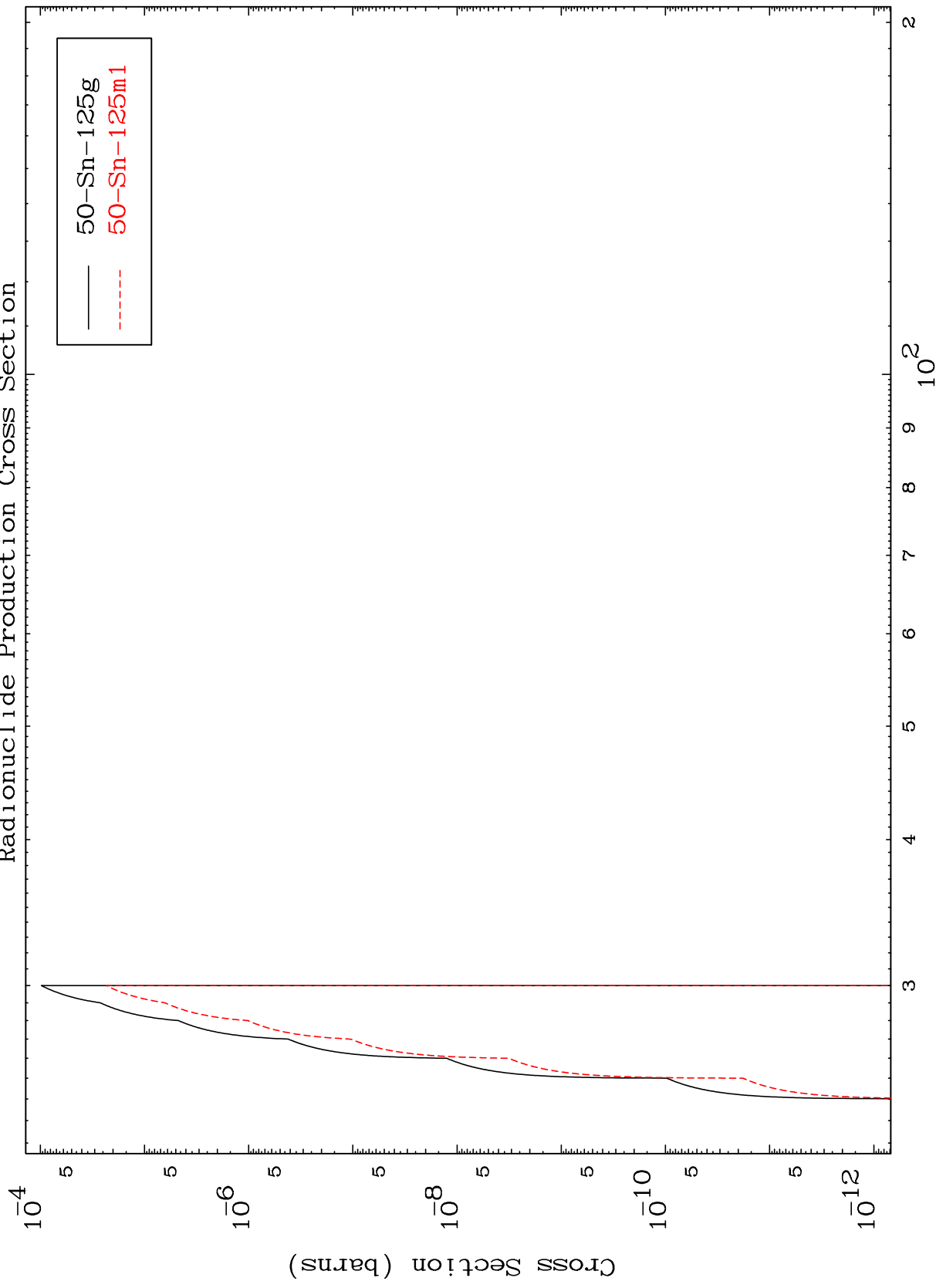
51-Sb-128m

MAT 5147

(n,3n) p

51-Sb-128m

Radionuclide Production Cross Section



50-Sn-125g
50-Sn-125m1

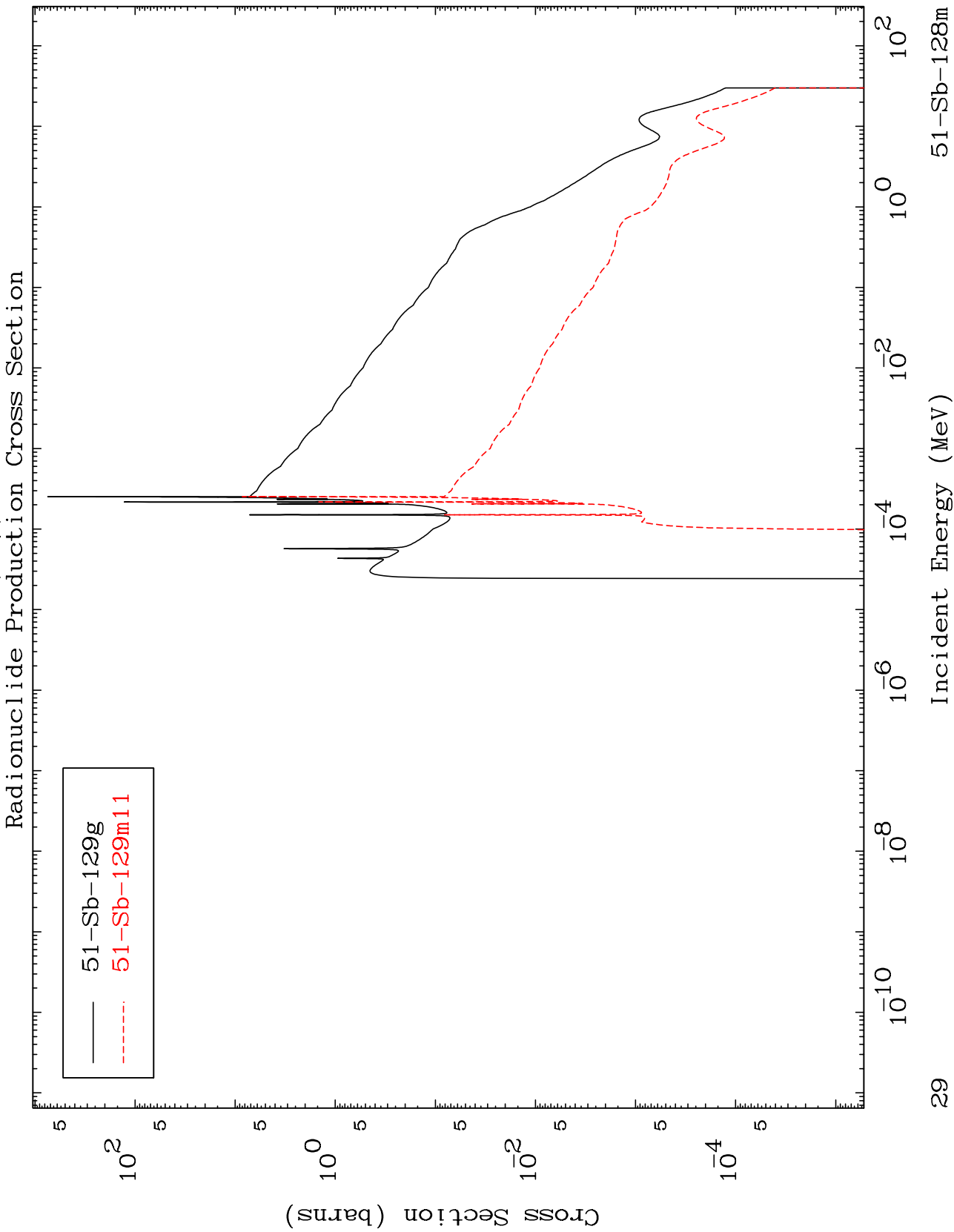
28

Incident Energy (MeV)

51-Sb-128m

MAT 5147

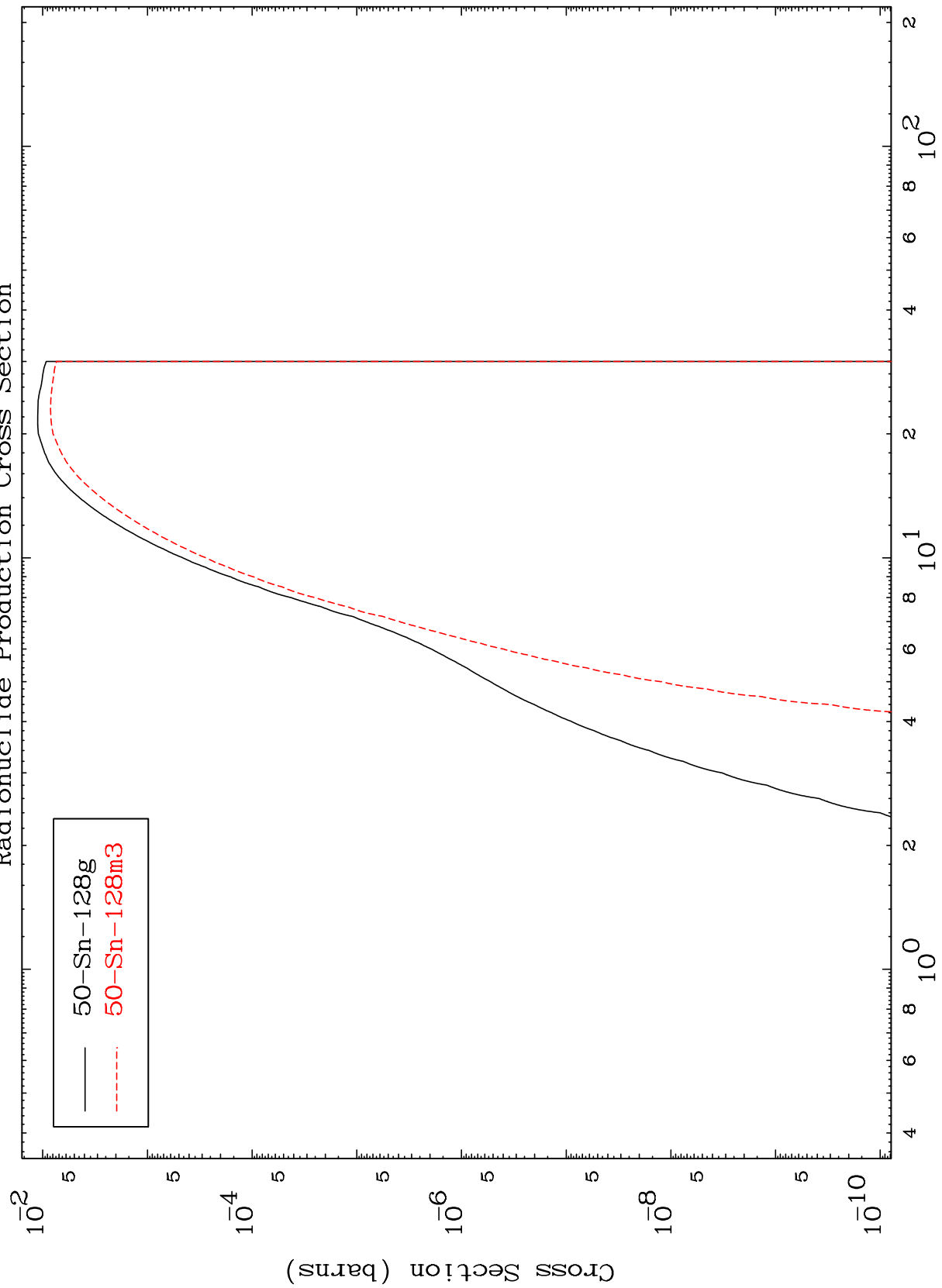
51-Sb-128m



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51-Sb-128m

(n,p)
Radionuclide Production Cross Section



30

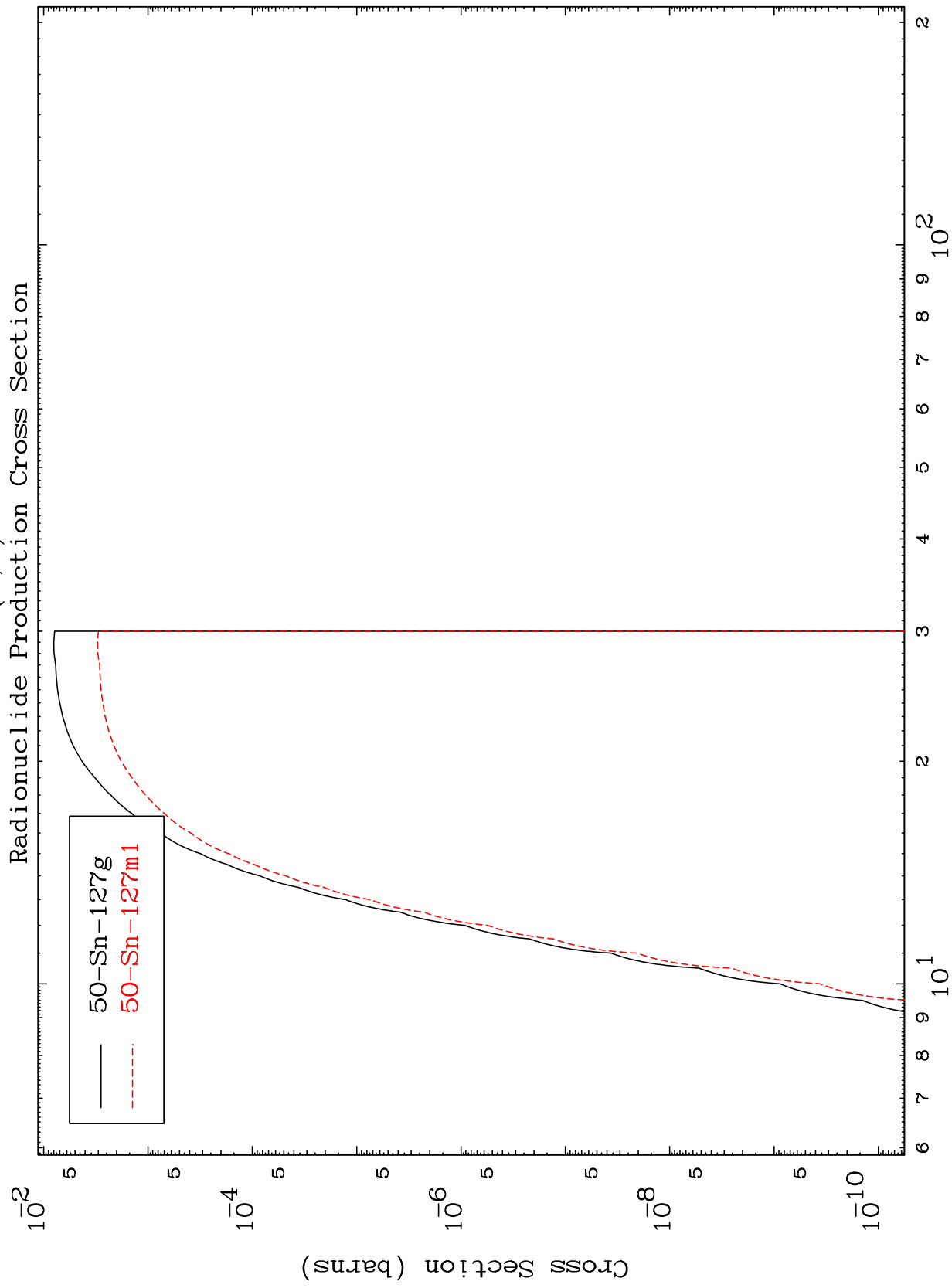
Incident Energy (MeV)

51-Sb-128m

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(n,d)

51-Sb-128m



31

Incident Energy (MeV)

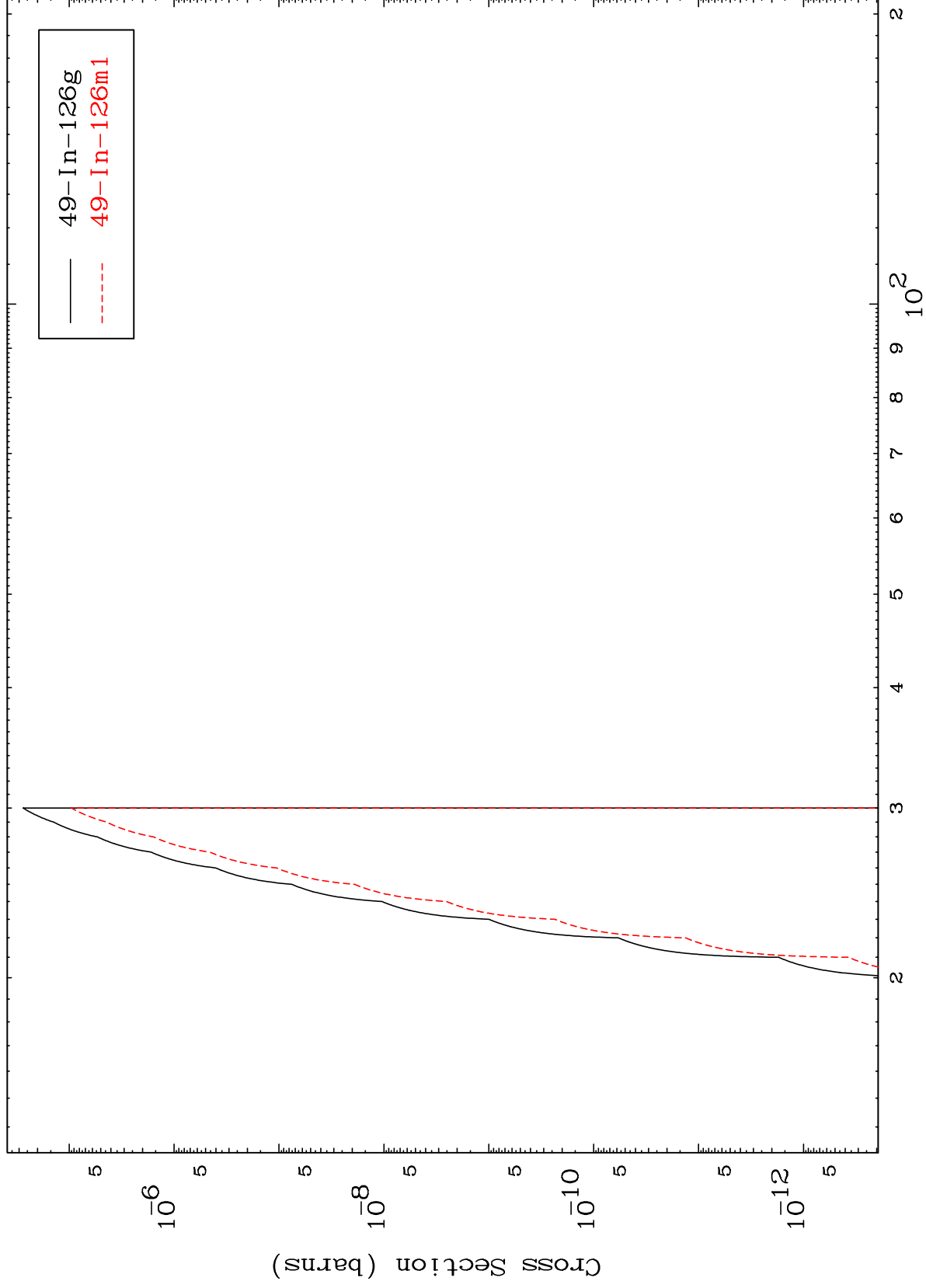
51-Sb-128m

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(n,He-3)

51-Sb-128m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

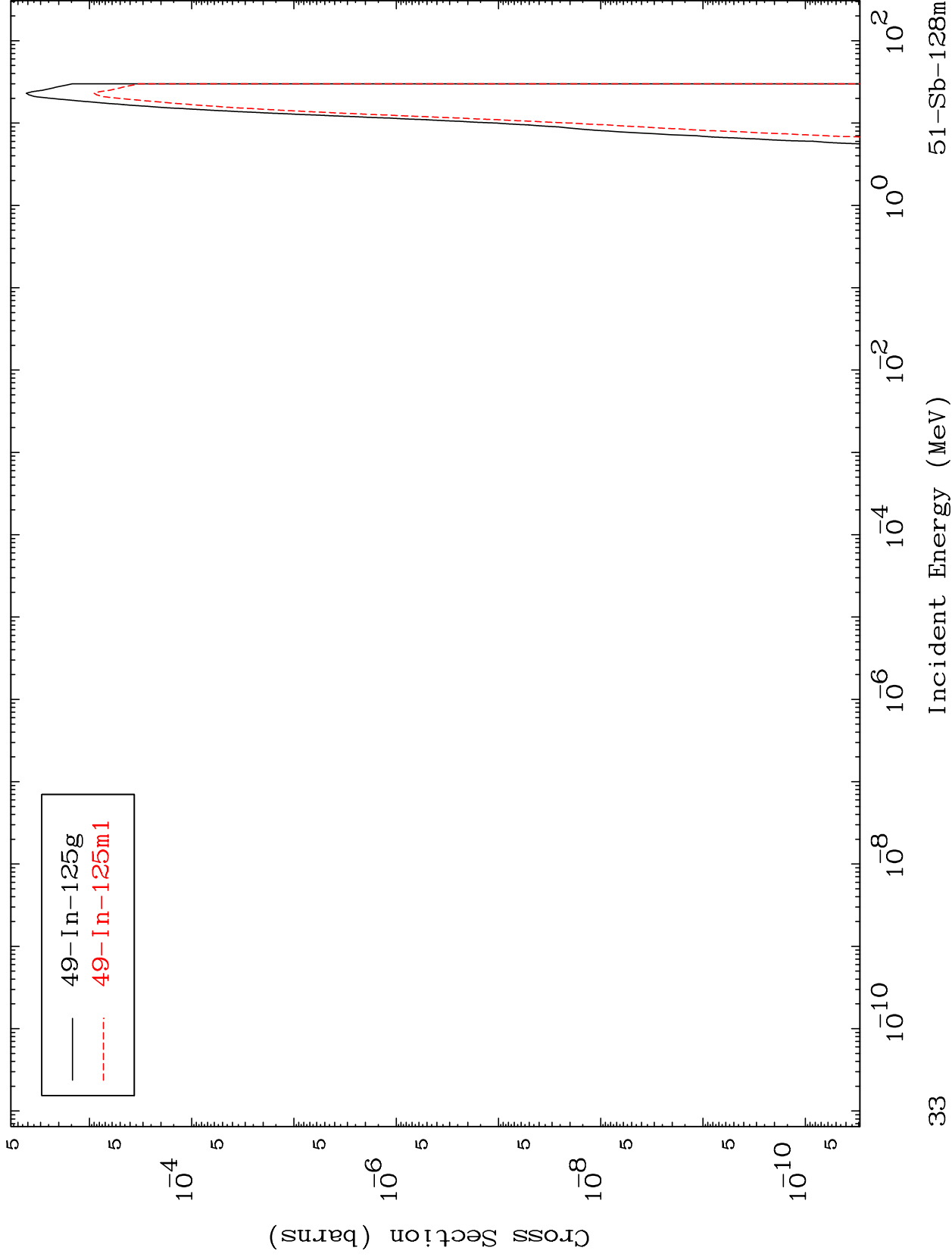
51-Sb-128m

MAT 5147

(n, α)

51-Sb-128m

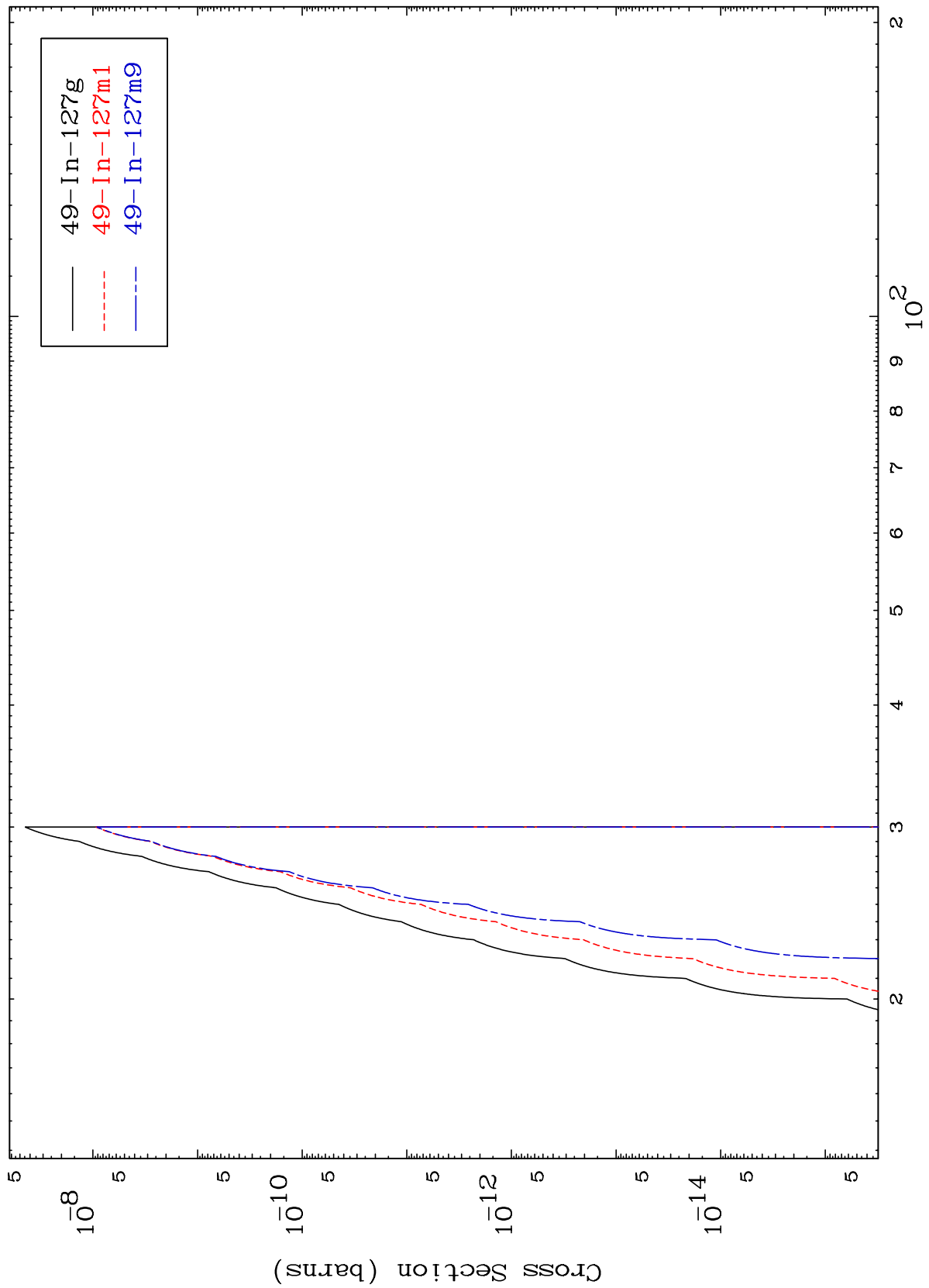
Radionuclide Production Cross Section



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51-Sb-128m

(n,2p)
Radionuclide Production Cross Section



34

51-Sb-128m

Incident Energy (MeV)