

Program EVALPLOT
(Version 2021-1)

by

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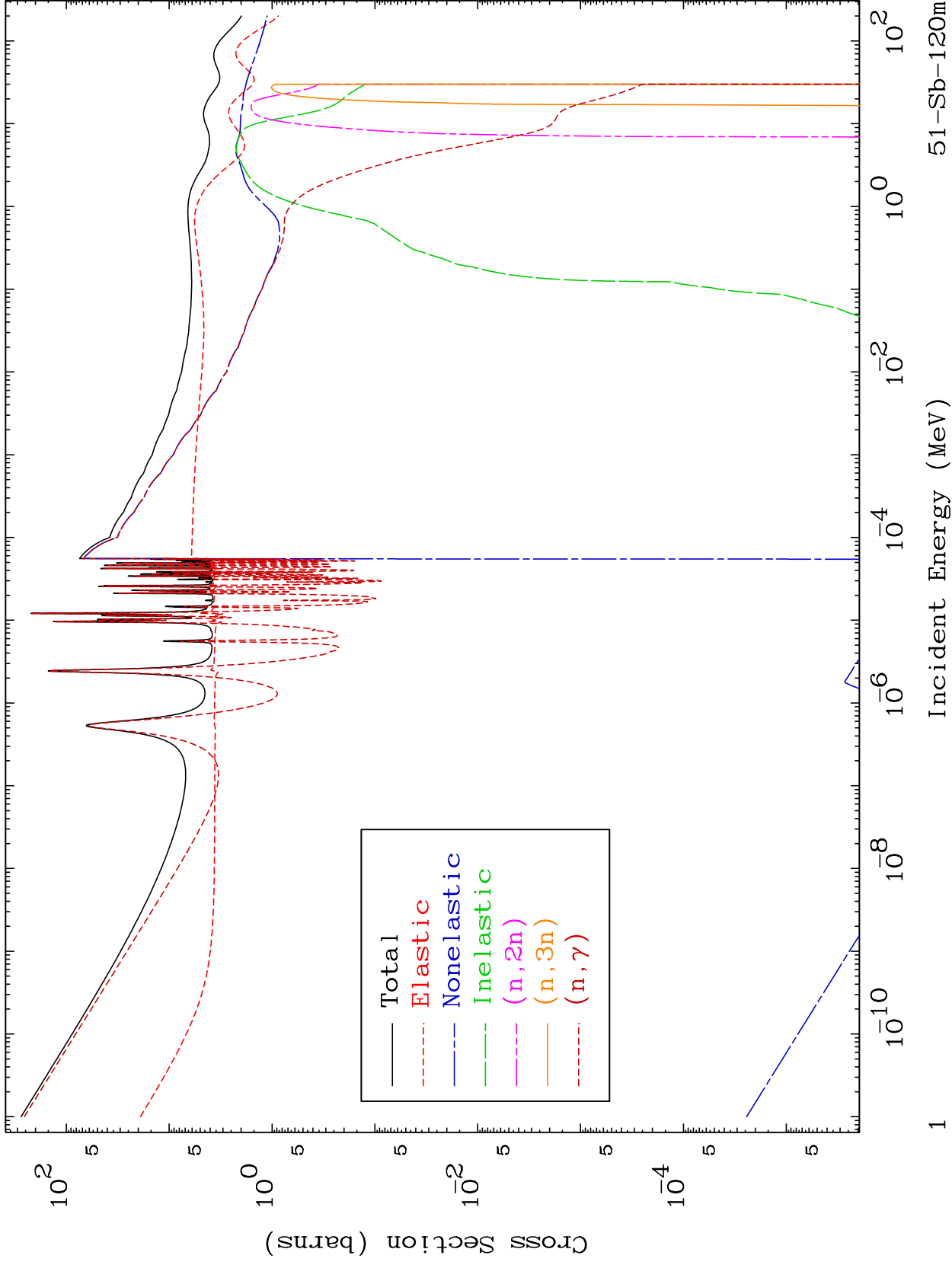
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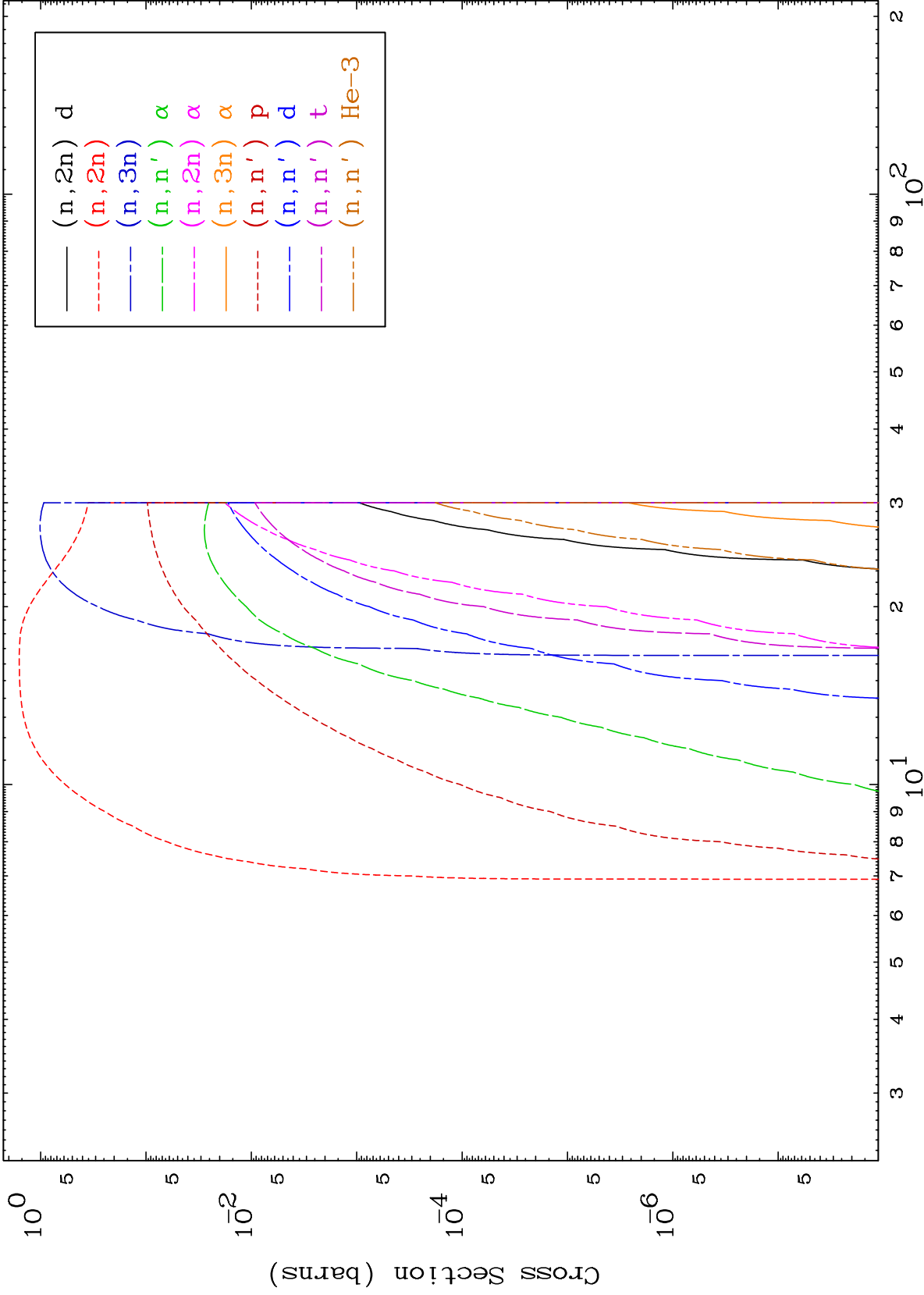
Press Mouse Button to Start

MAT 5123

Neutron Major
293 Kelvin Cross Sections

51-Sb-120m

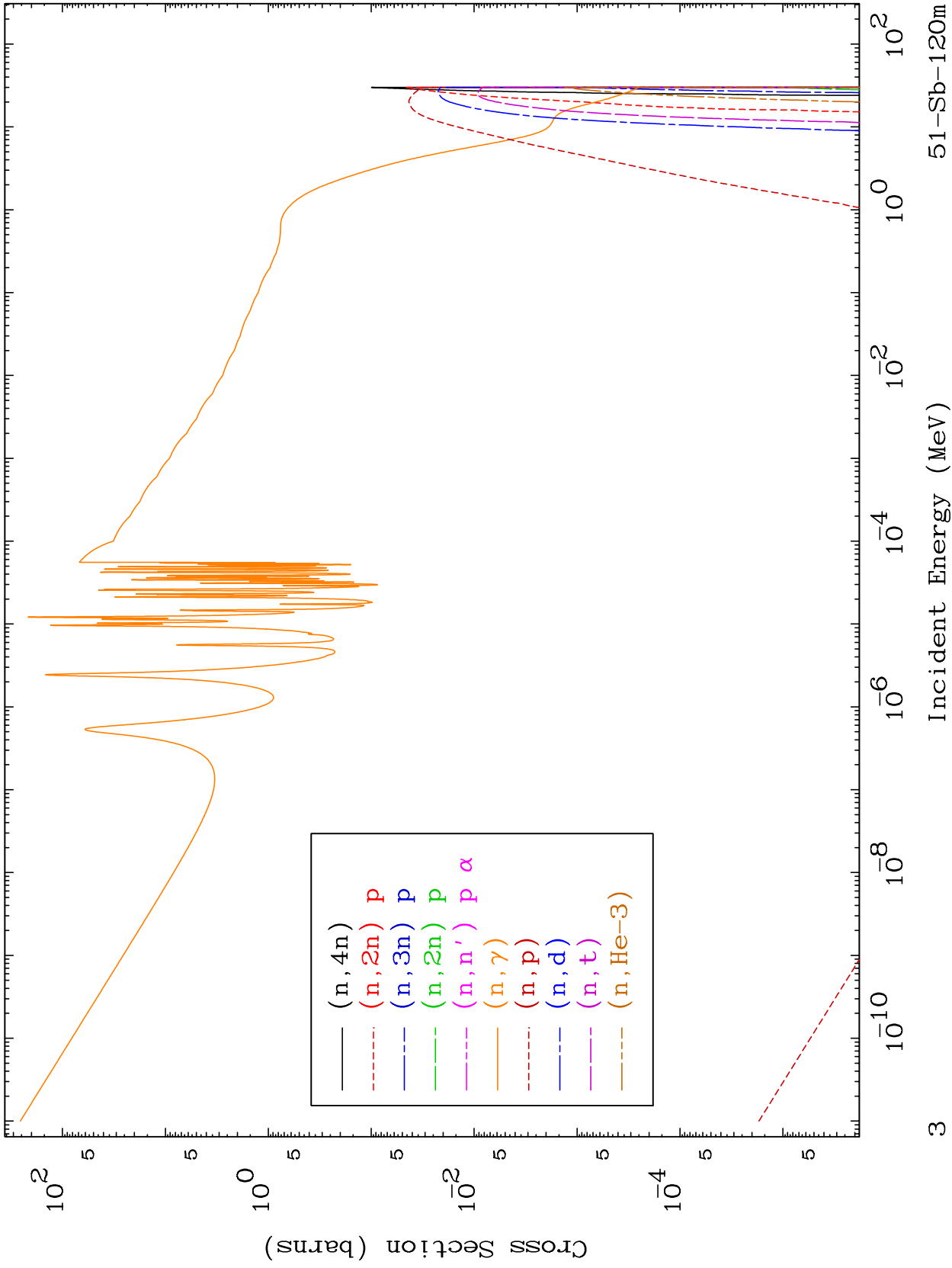




MAT 5123

Neutron Absorption
293 Kelvin Cross Sections

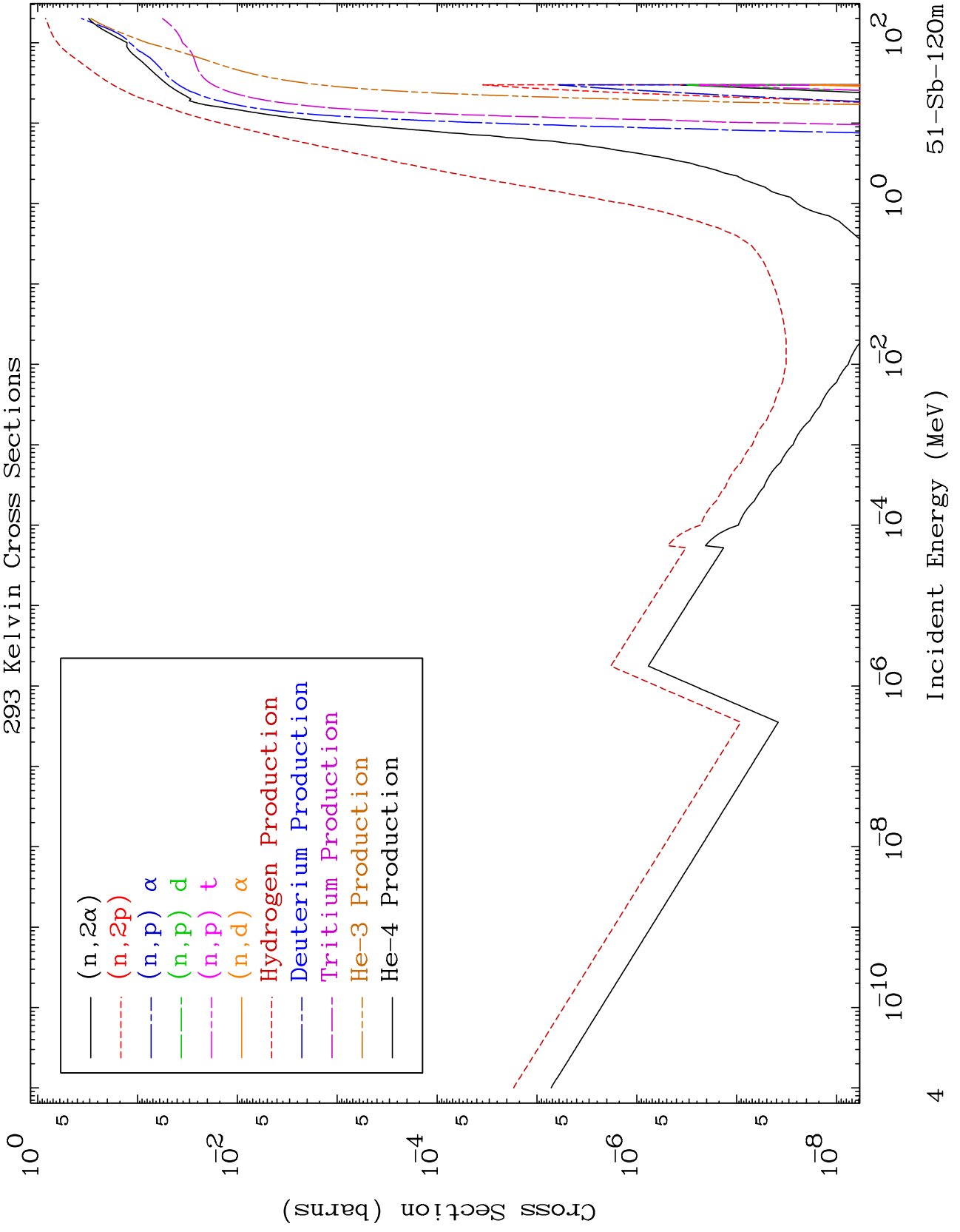
51-Sb-120m



MAT 5123

Neutron Absorption
293 Kelvin Cross Sections

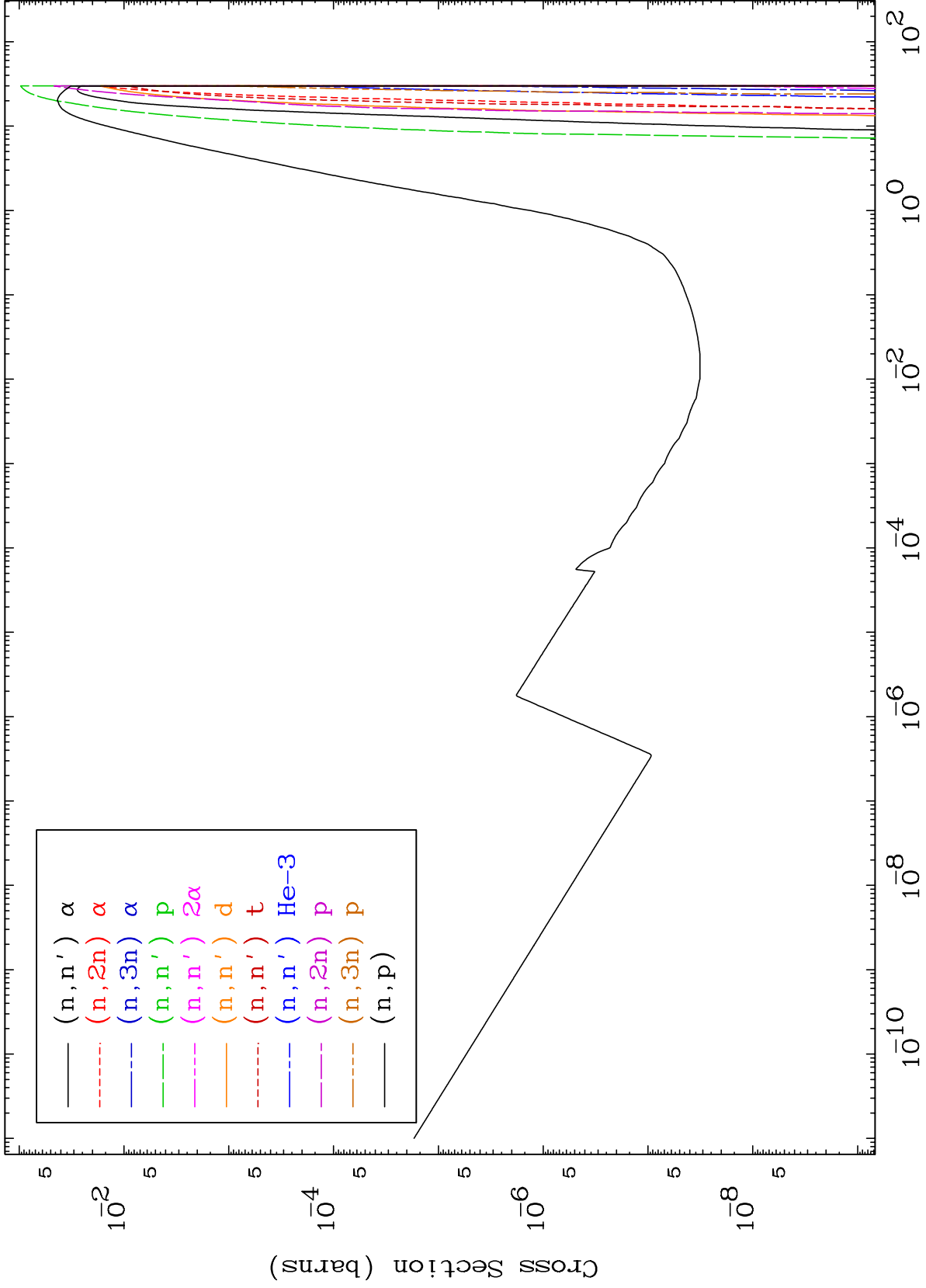
51-Sb-120m



MAT 5123

Charged Particle
293 Kelvin Cross Sections

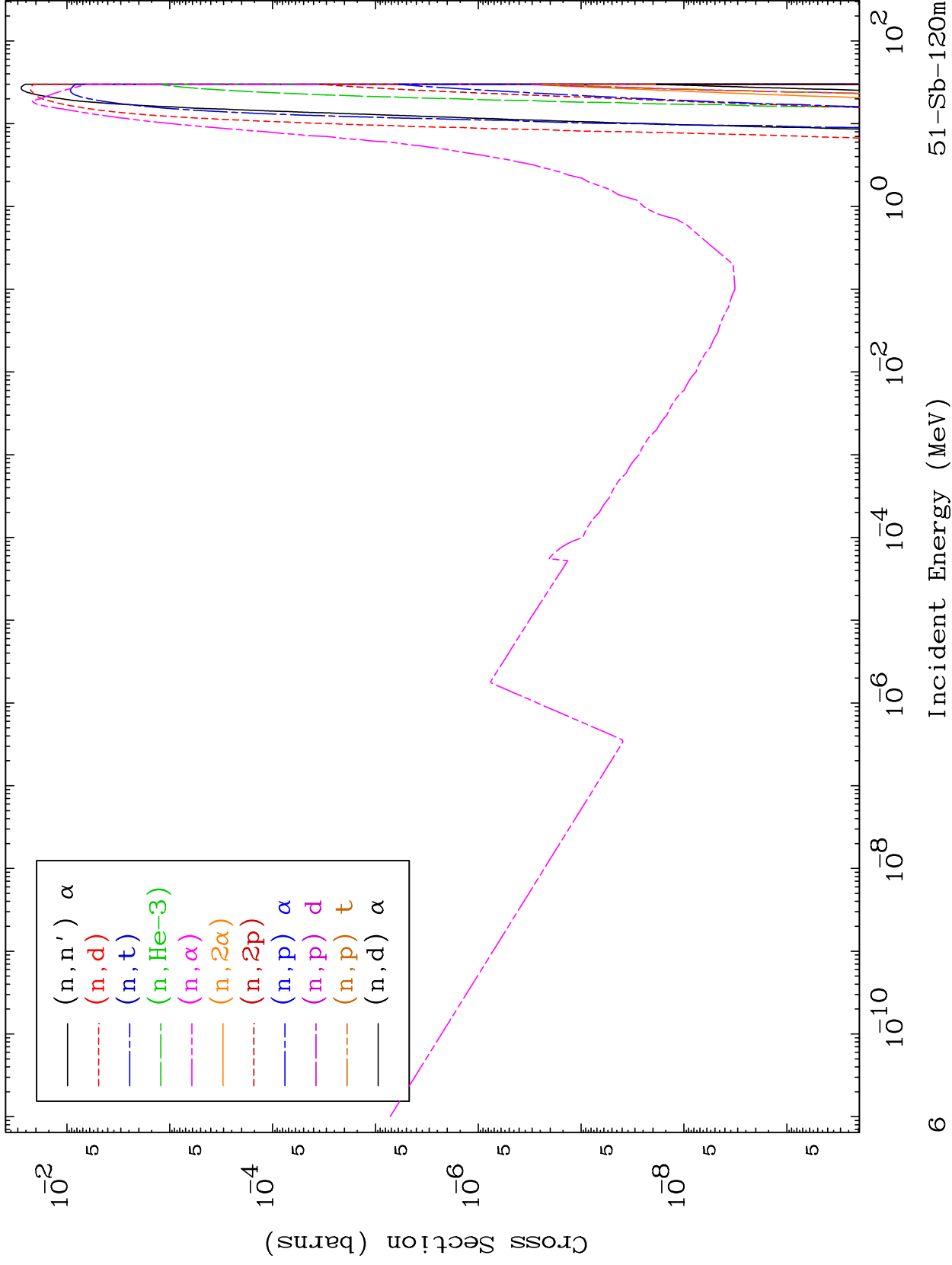
51-Sb-120m



MAT 5123

Charged Particle
293 Kelvin Cross Sections

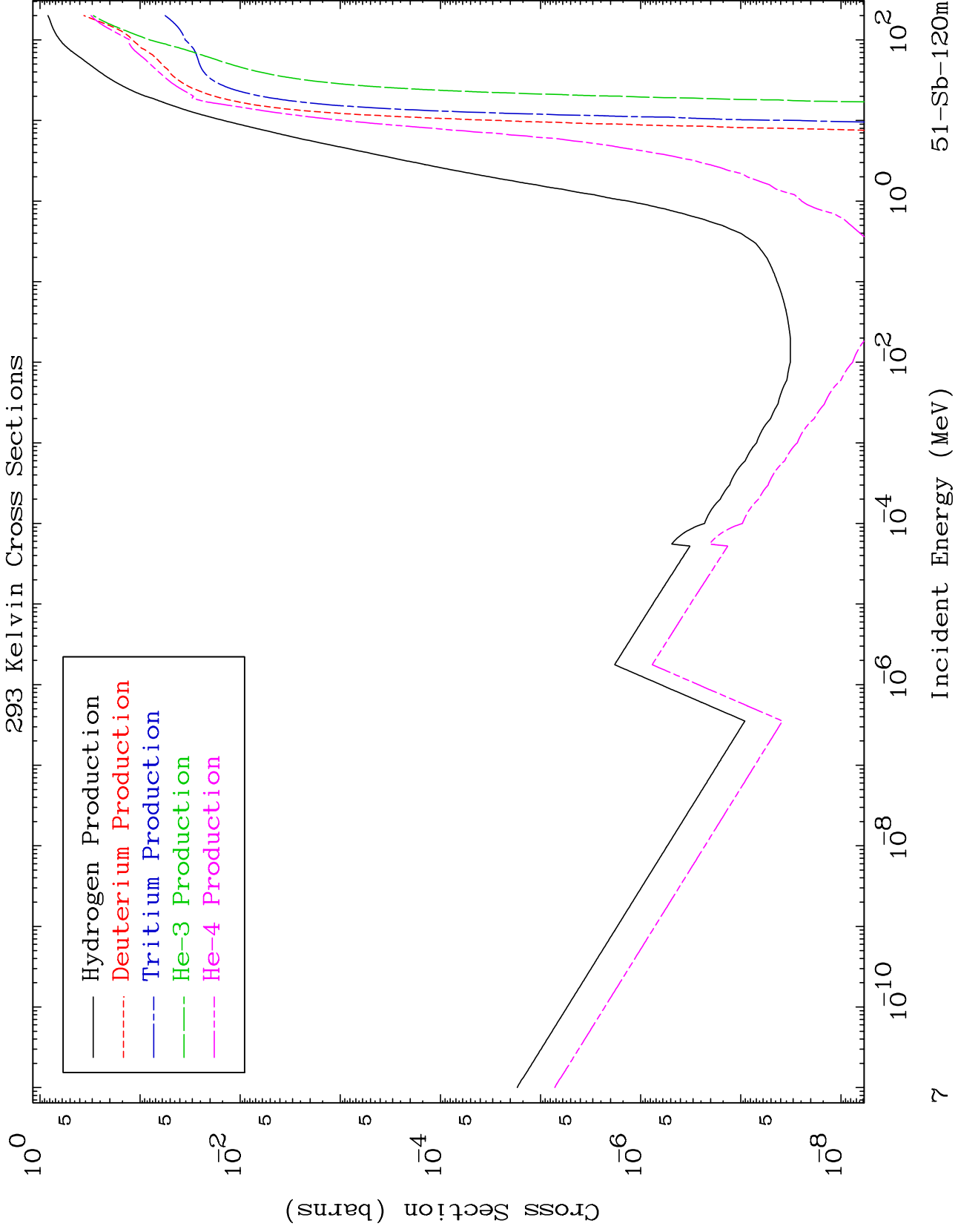
51-Sb-120m



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Particle Production
293 Kelvin Cross Sections

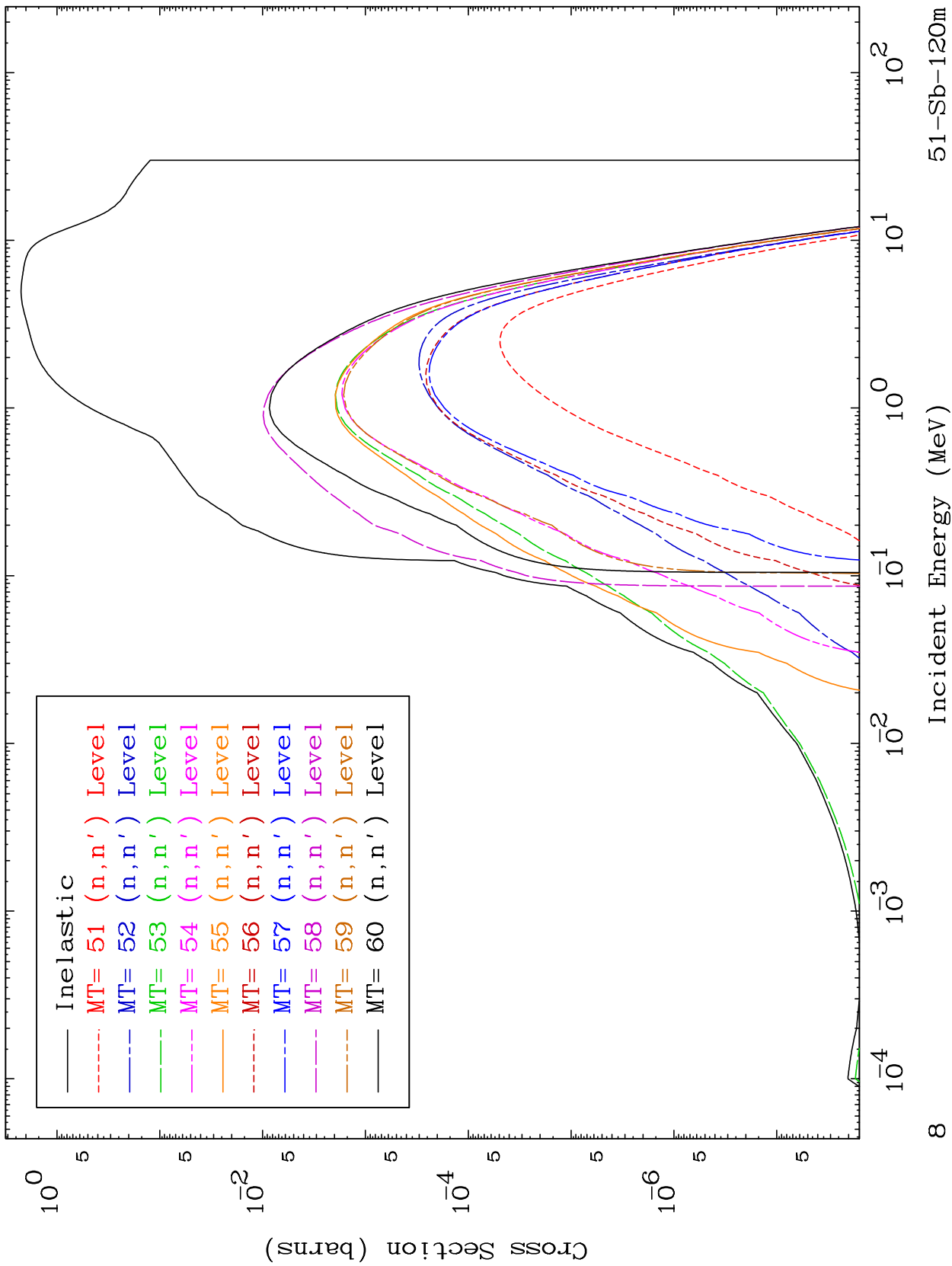
51-Sb-120m



MAT 5123

(n,n') Levels
293 Kelvin Cross Sections

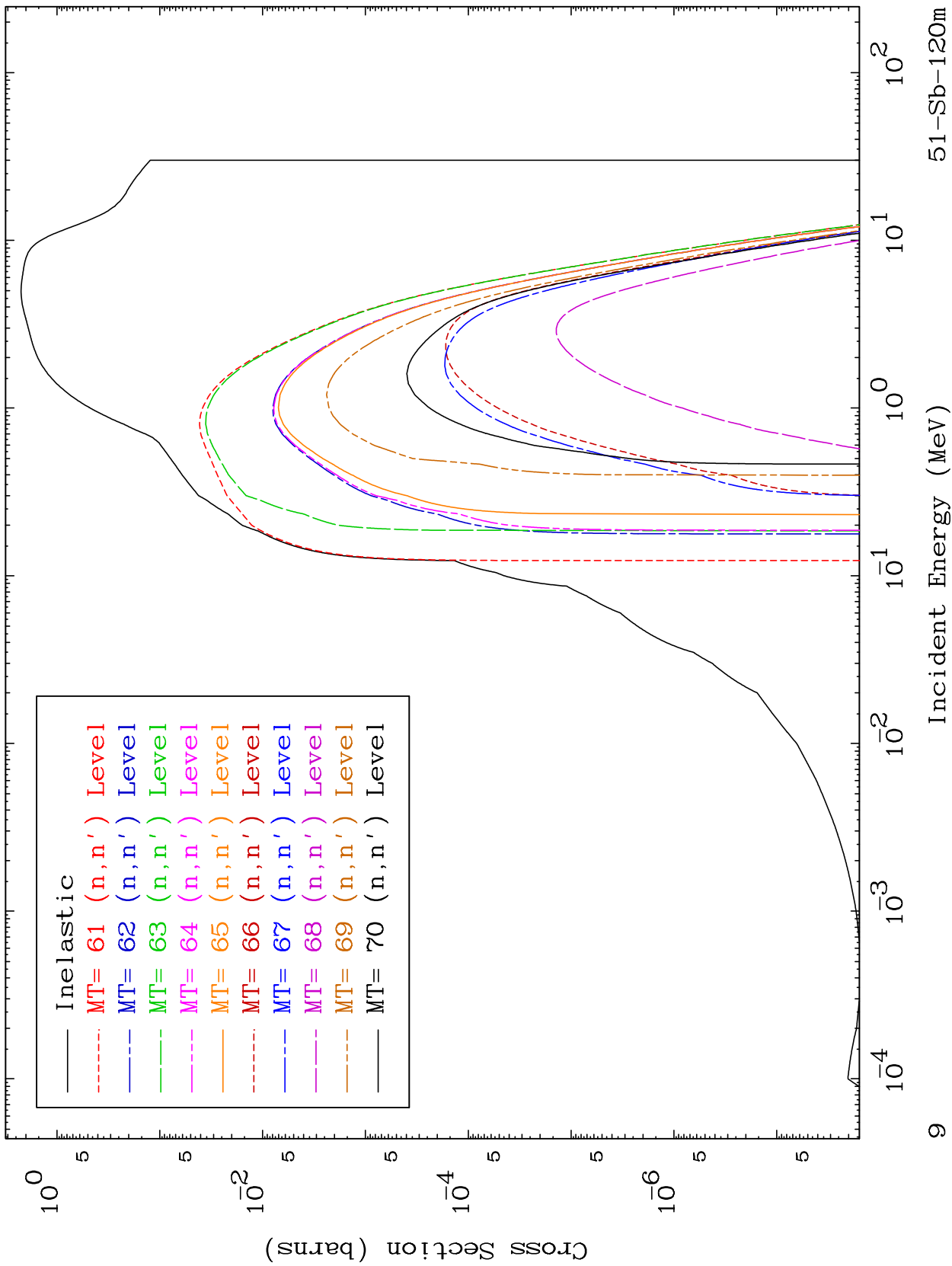
51-Sb-120m



MAT 5123

(n,n') Levels
293 Kelvin Cross Sections

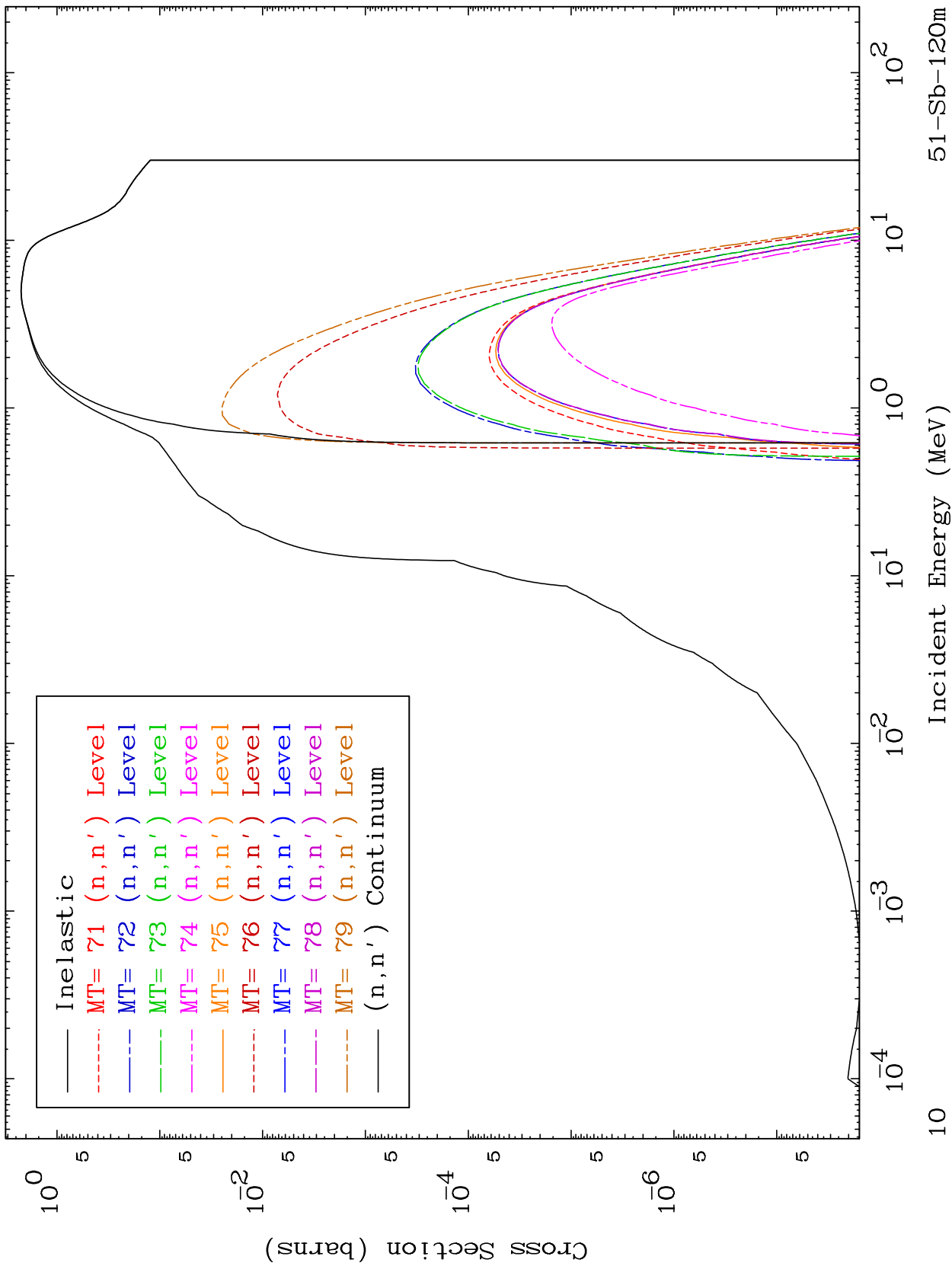
51-Sb-120m



MAT 5123

(n,n') Levels
293 Kelvin Cross Sections

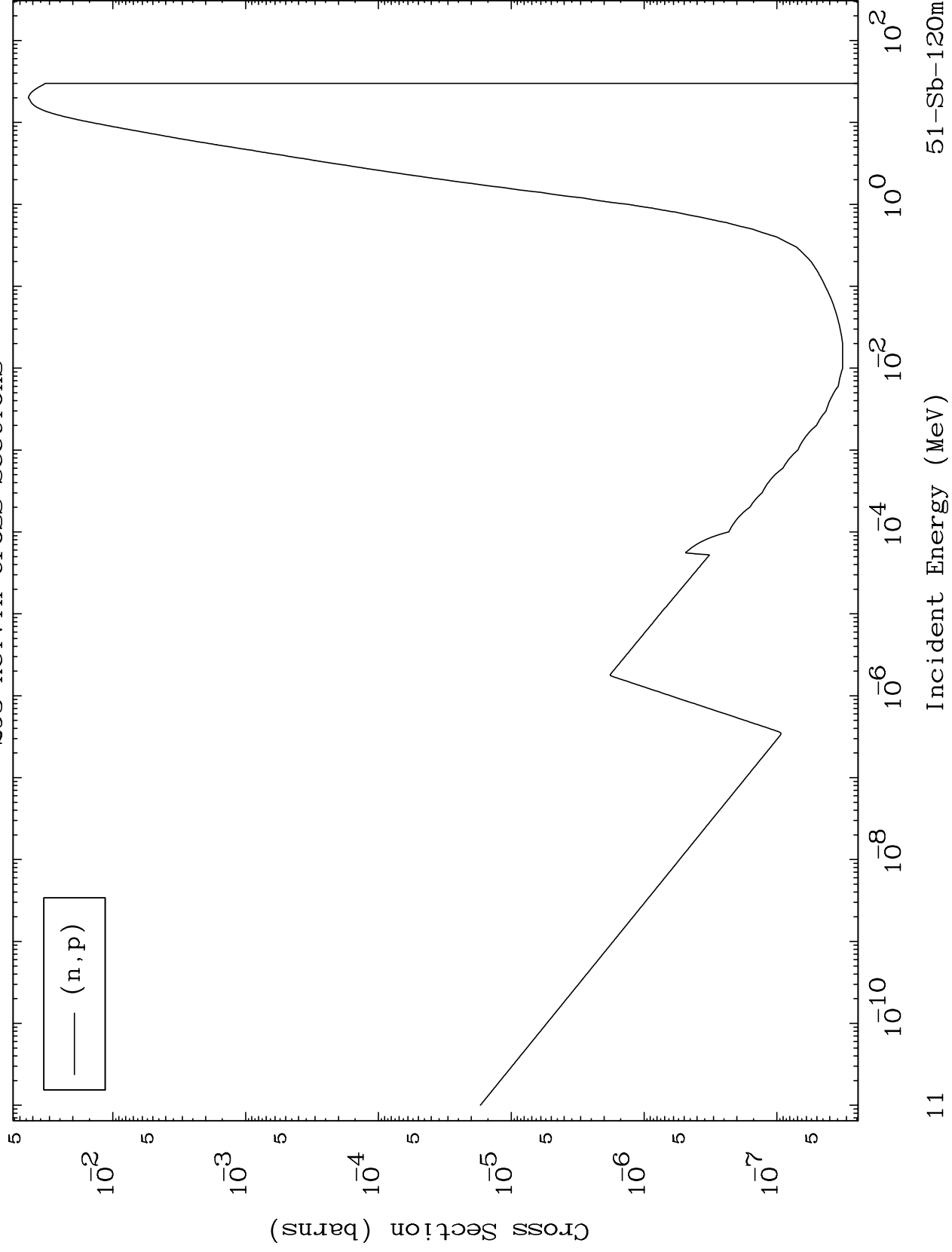
51-Sb-120m



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(n,p) Levels
293 Kelvin Cross Sections

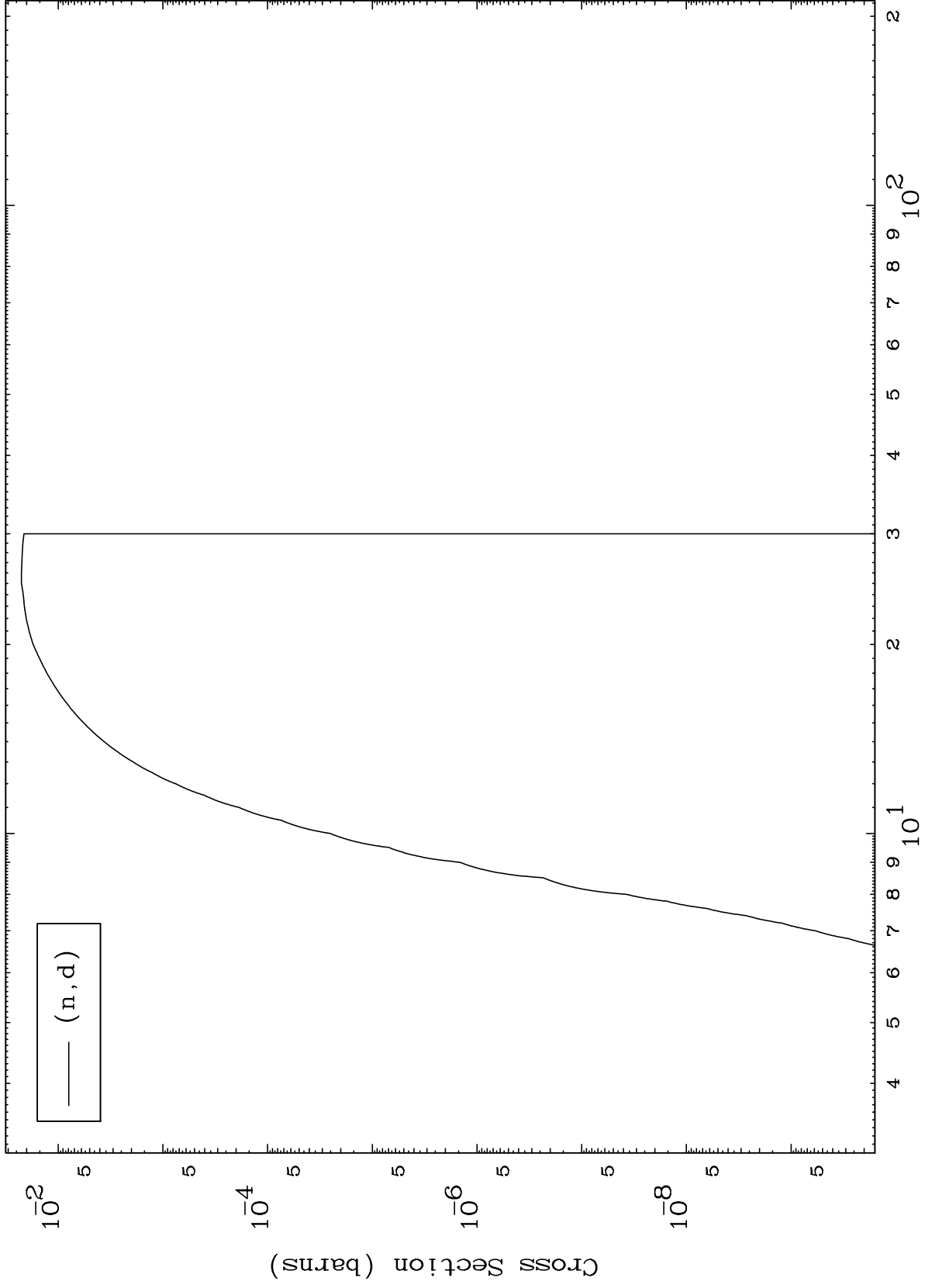
51-Sb-120m



MAT 5123

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-120m



12

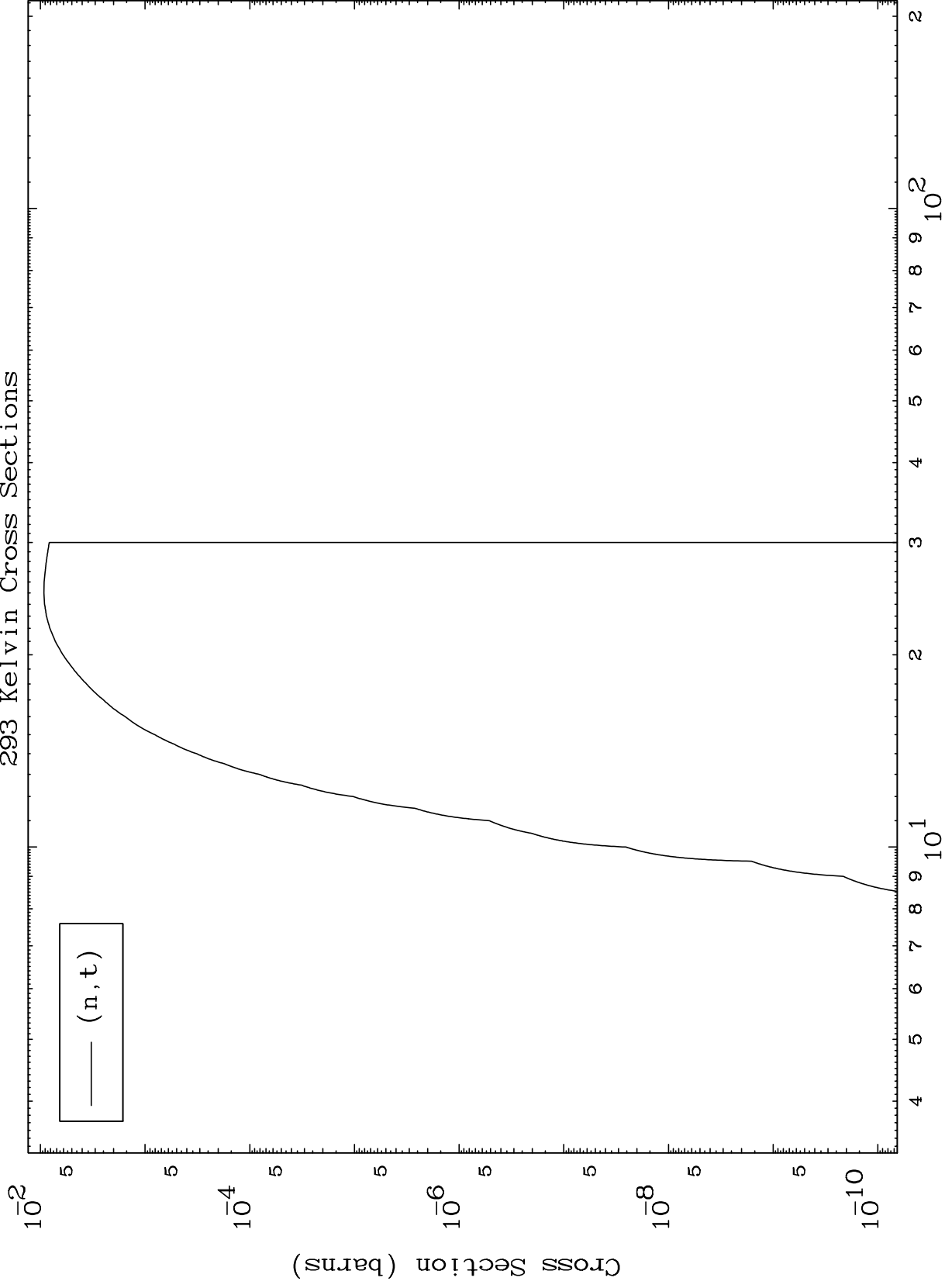
Incident Energy (MeV)

51-Sb-120m

MAT 5123

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-120m



13

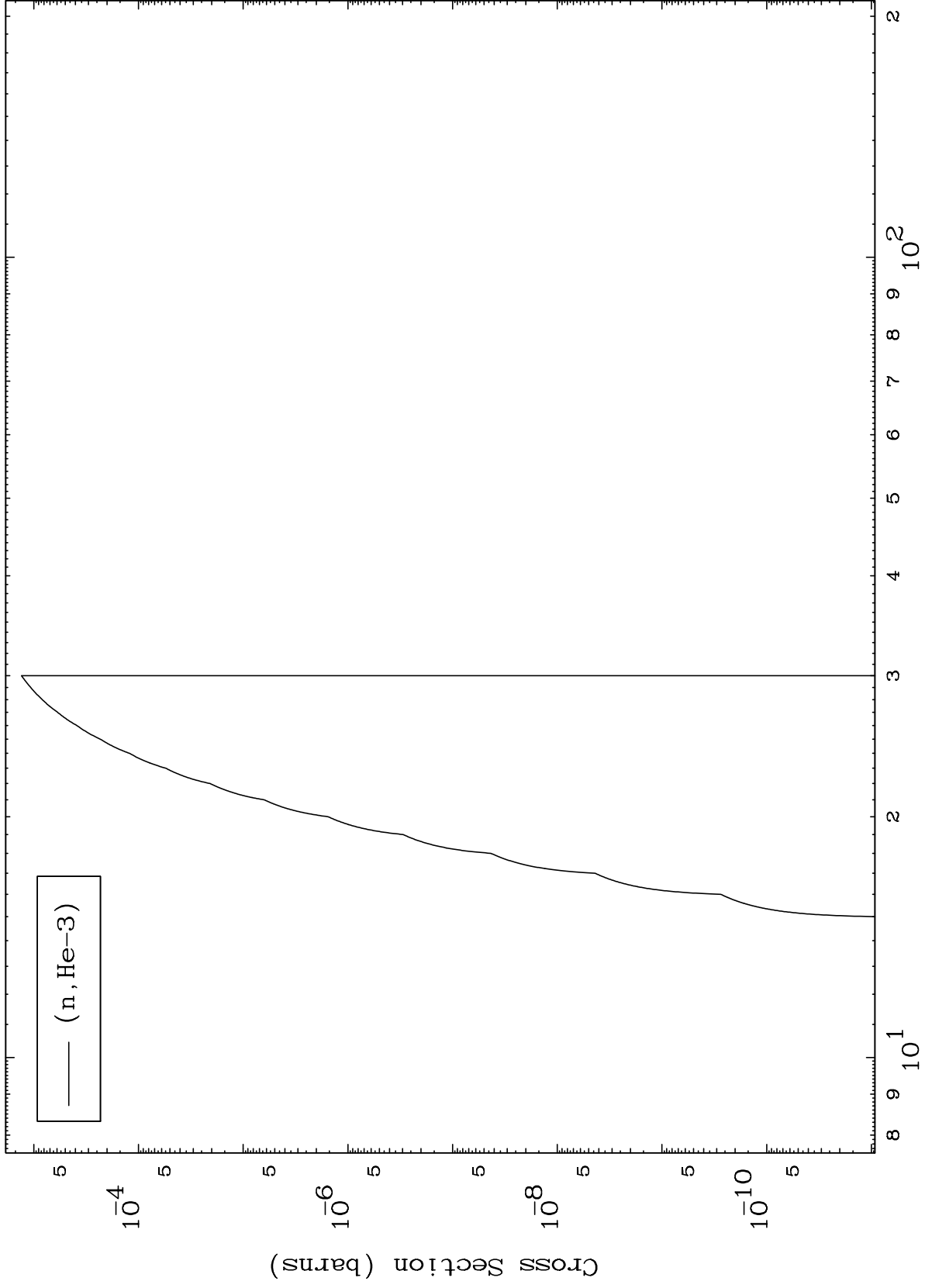
Incident Energy (MeV)

51-Sb-120m

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(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-120m



14

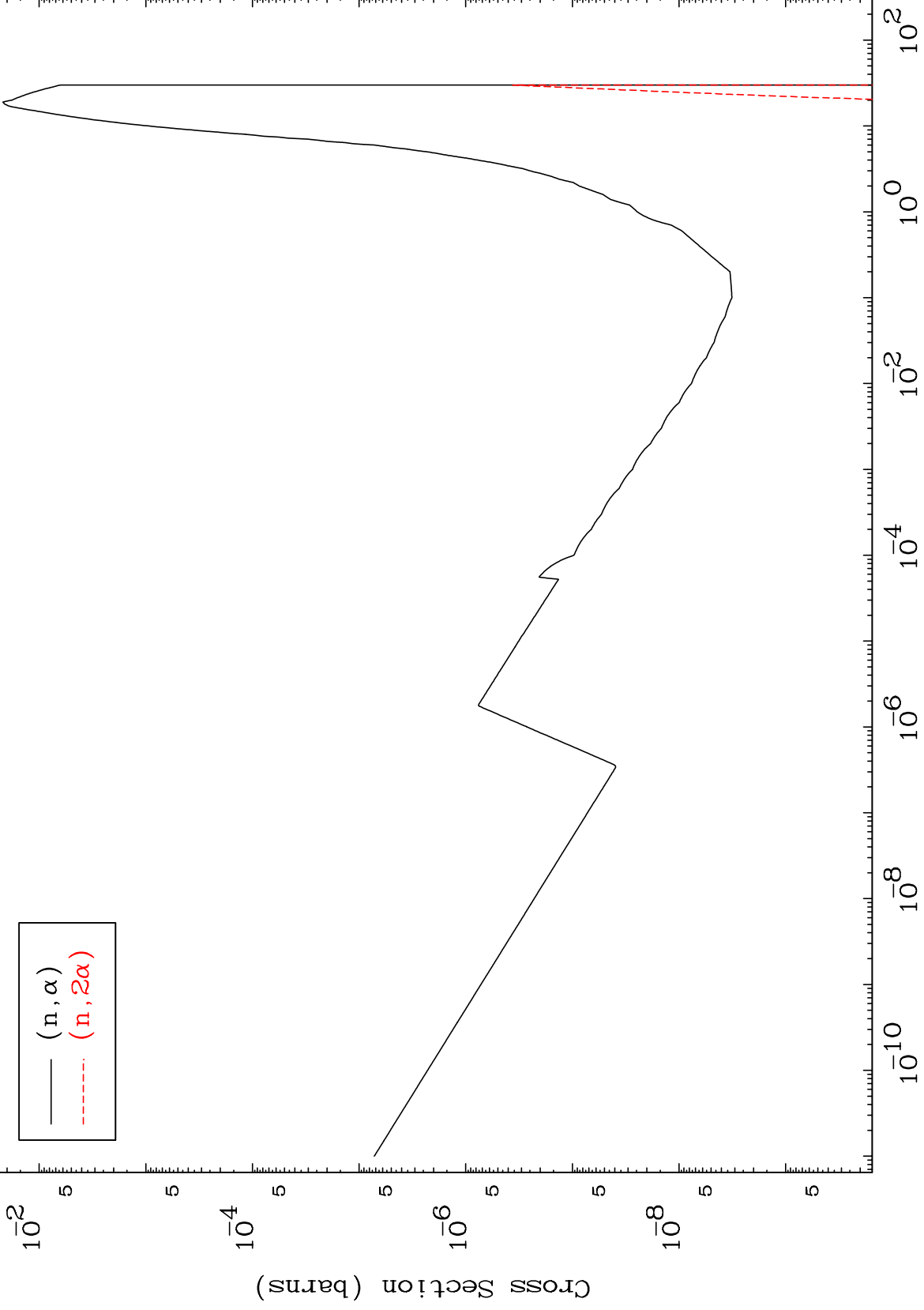
Incident Energy (MeV)

51-Sb-120m

MAT 5123

(n, α) Levels
293 Kelvin Cross Sections

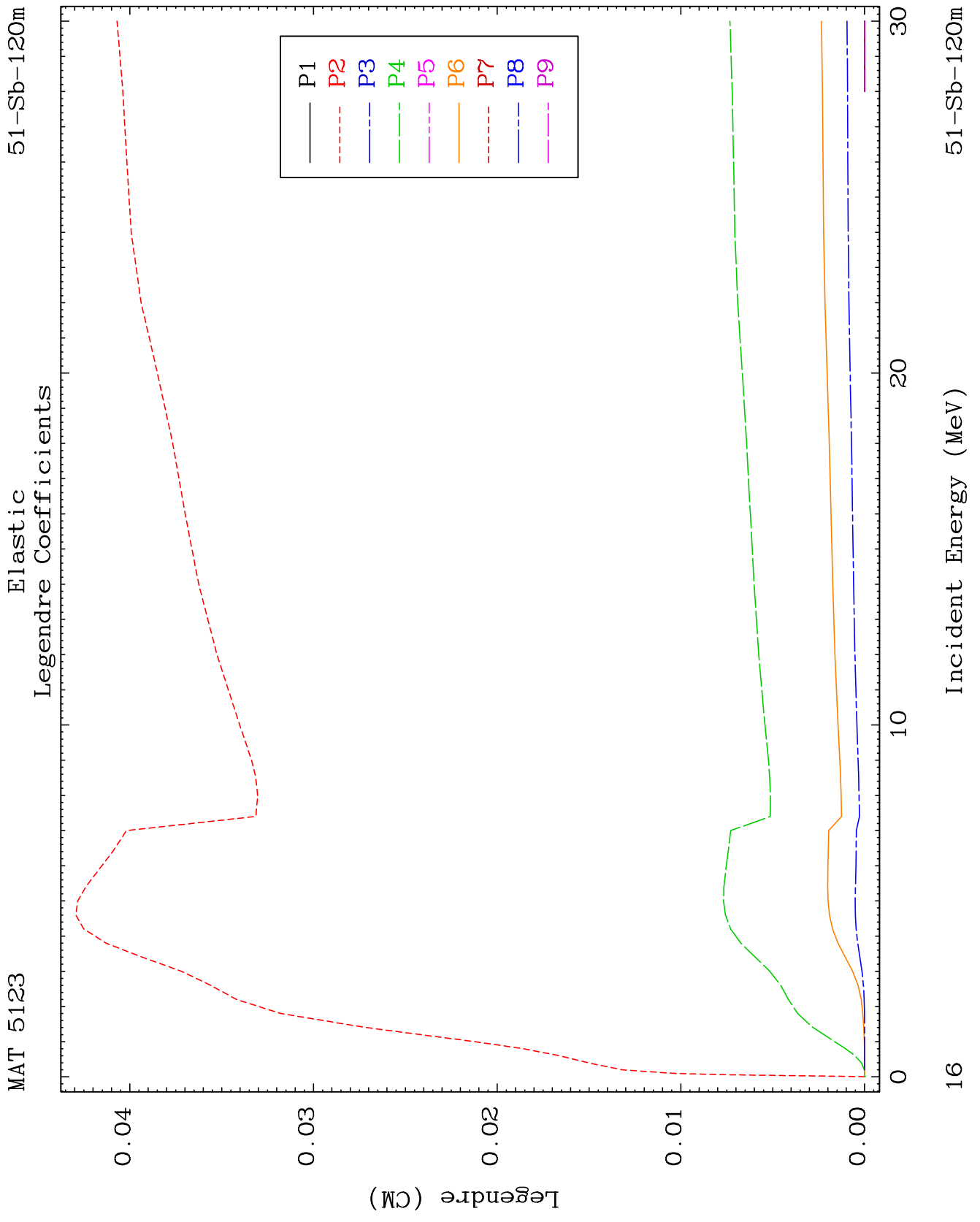
51-Sb-120m



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Incident Energy (MeV)

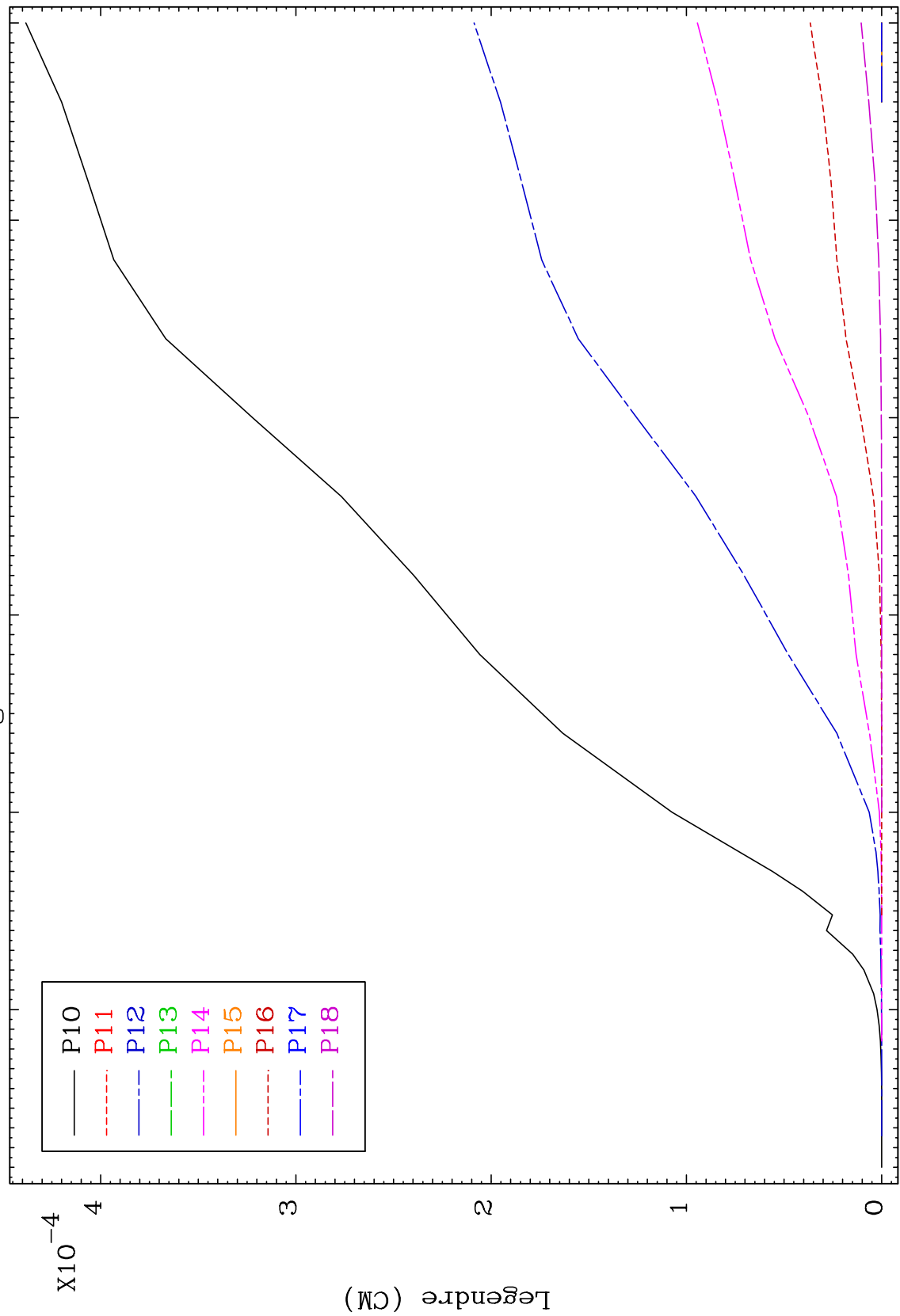
51-Sb-120m



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Elastic Legendre Coefficients

51-Sb-120m



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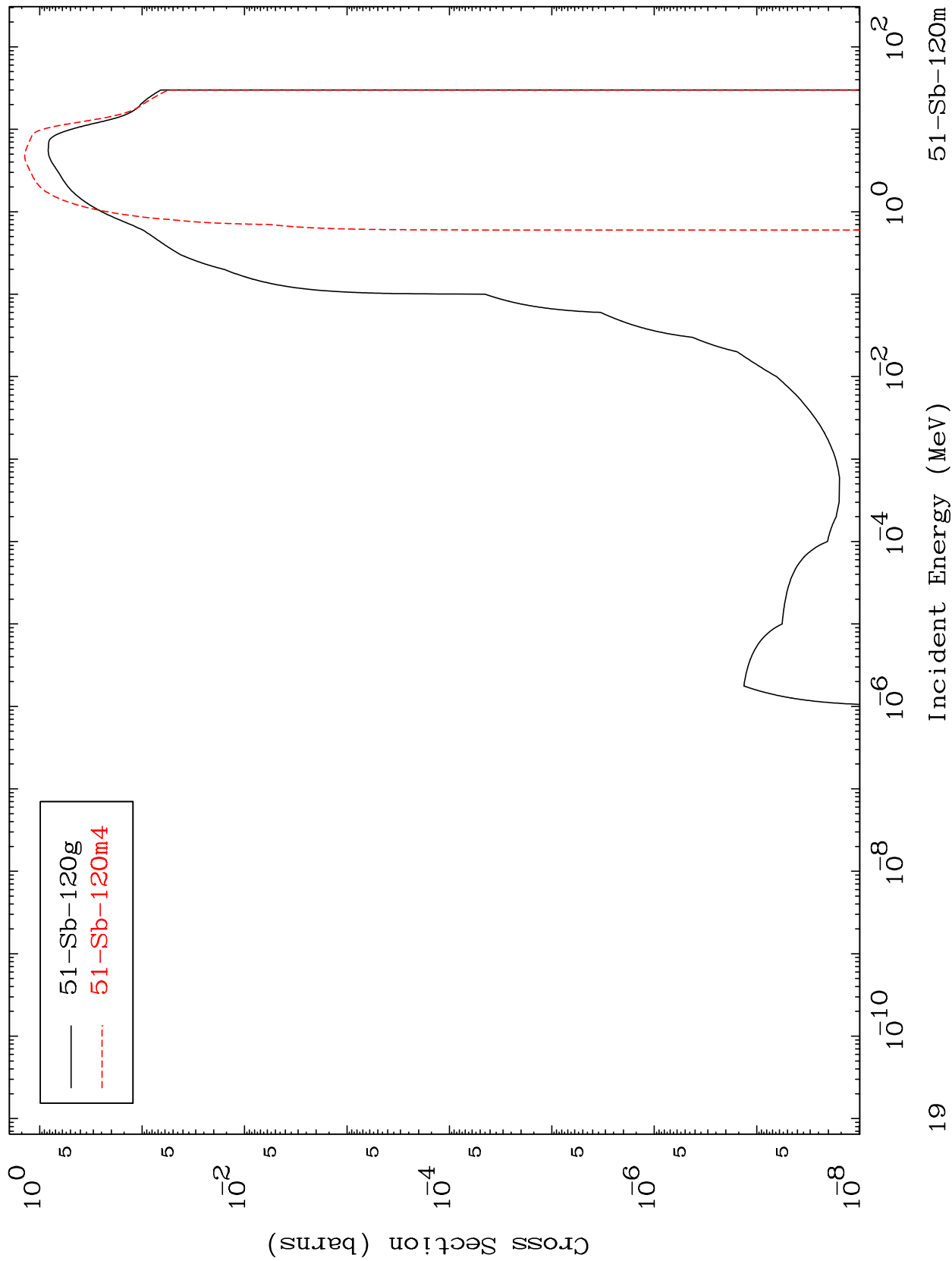
Incident Energy (MeV)

51-Sb-120m

MAT 5123

51-Sb-120m

Inelastic
Radionuclide Production Cross Section

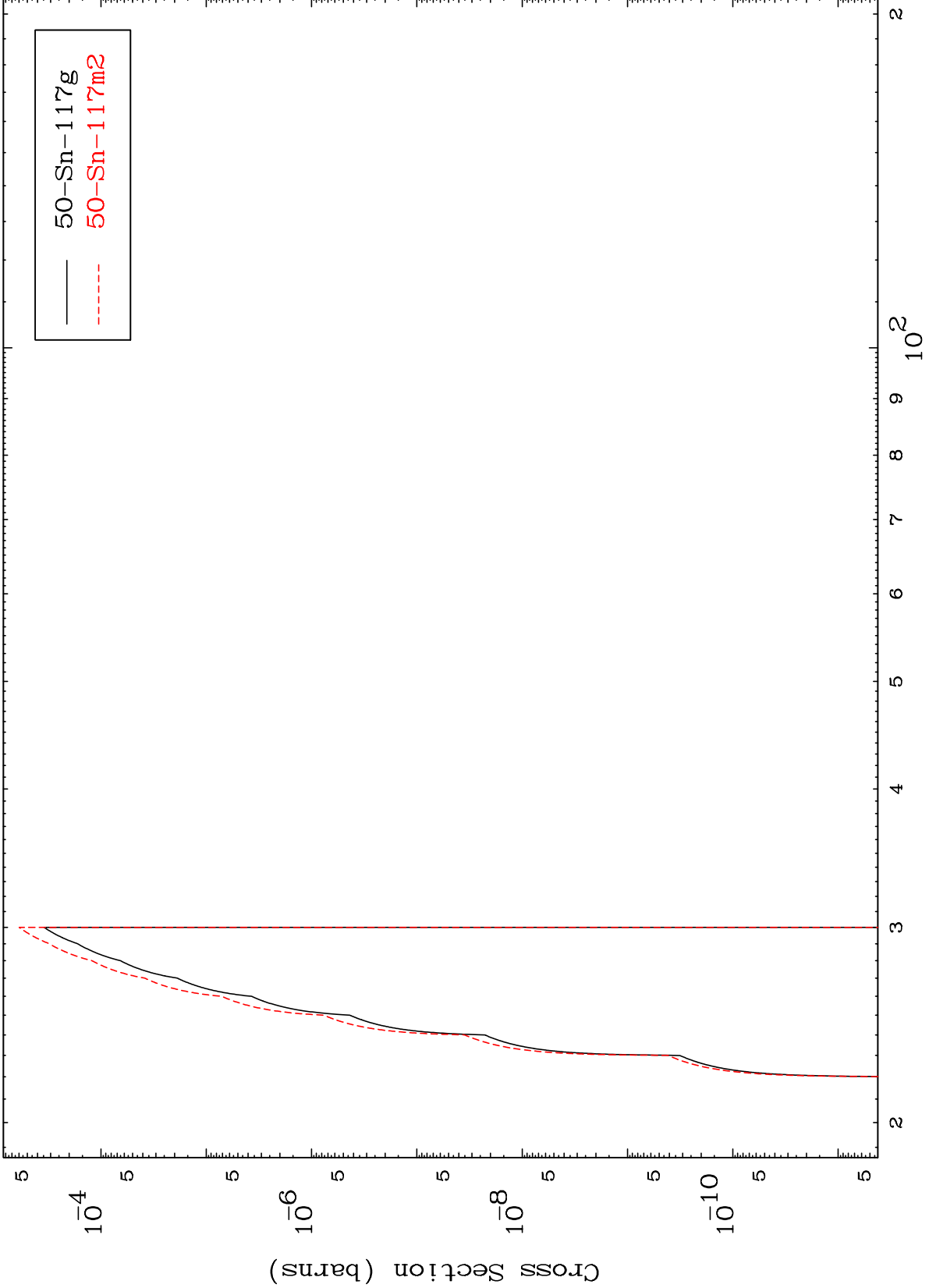


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(n,2n) d

51-Sb-120m

Radionuclide Production Cross Section



20

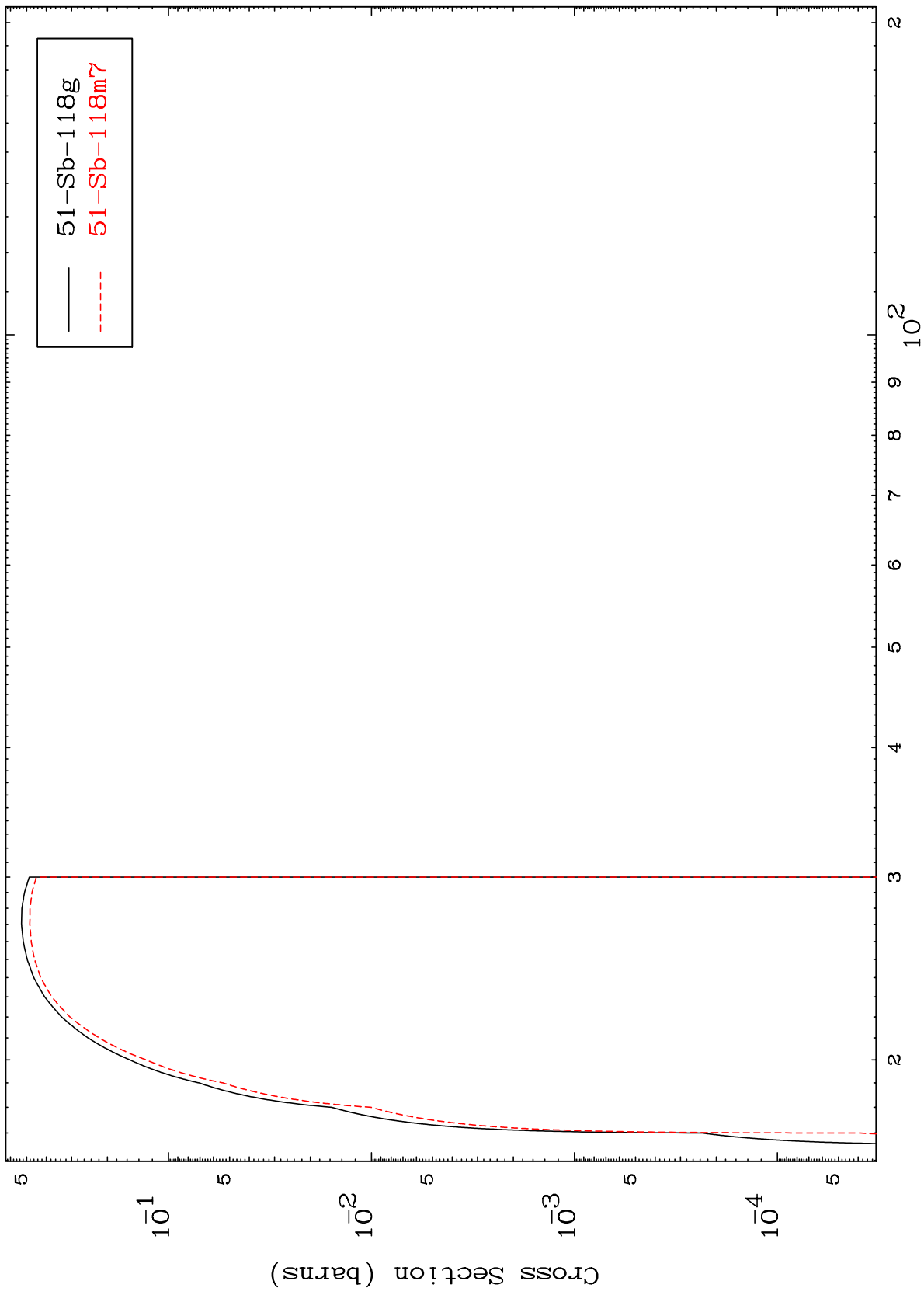
Incident Energy (MeV)

51-Sb-120m

MAT 5123

51-Sb-120m

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

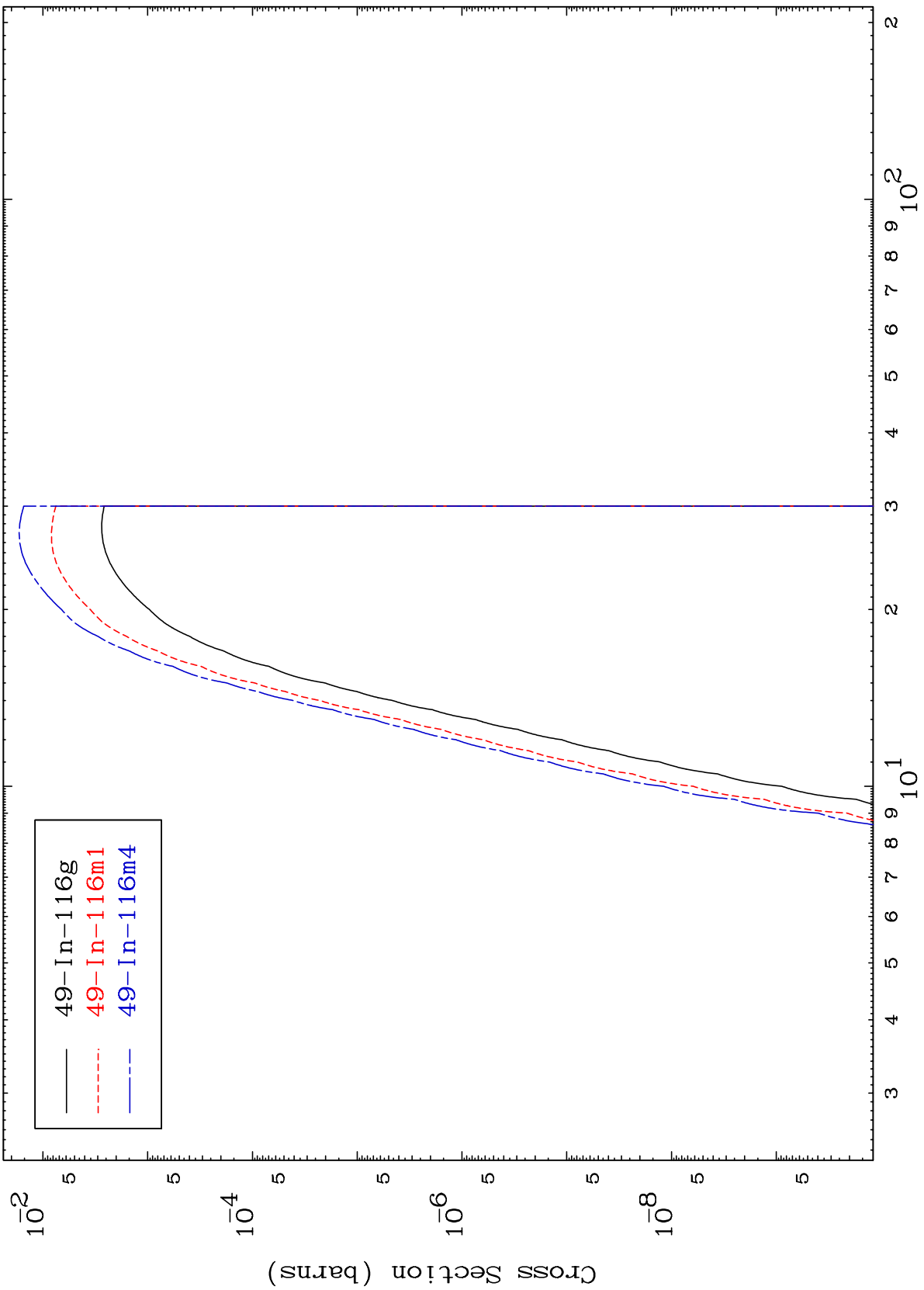
51-Sb-120m

MAT 5123

51-Sb-120m

(n,n') α

Radionuclide Production Cross Section

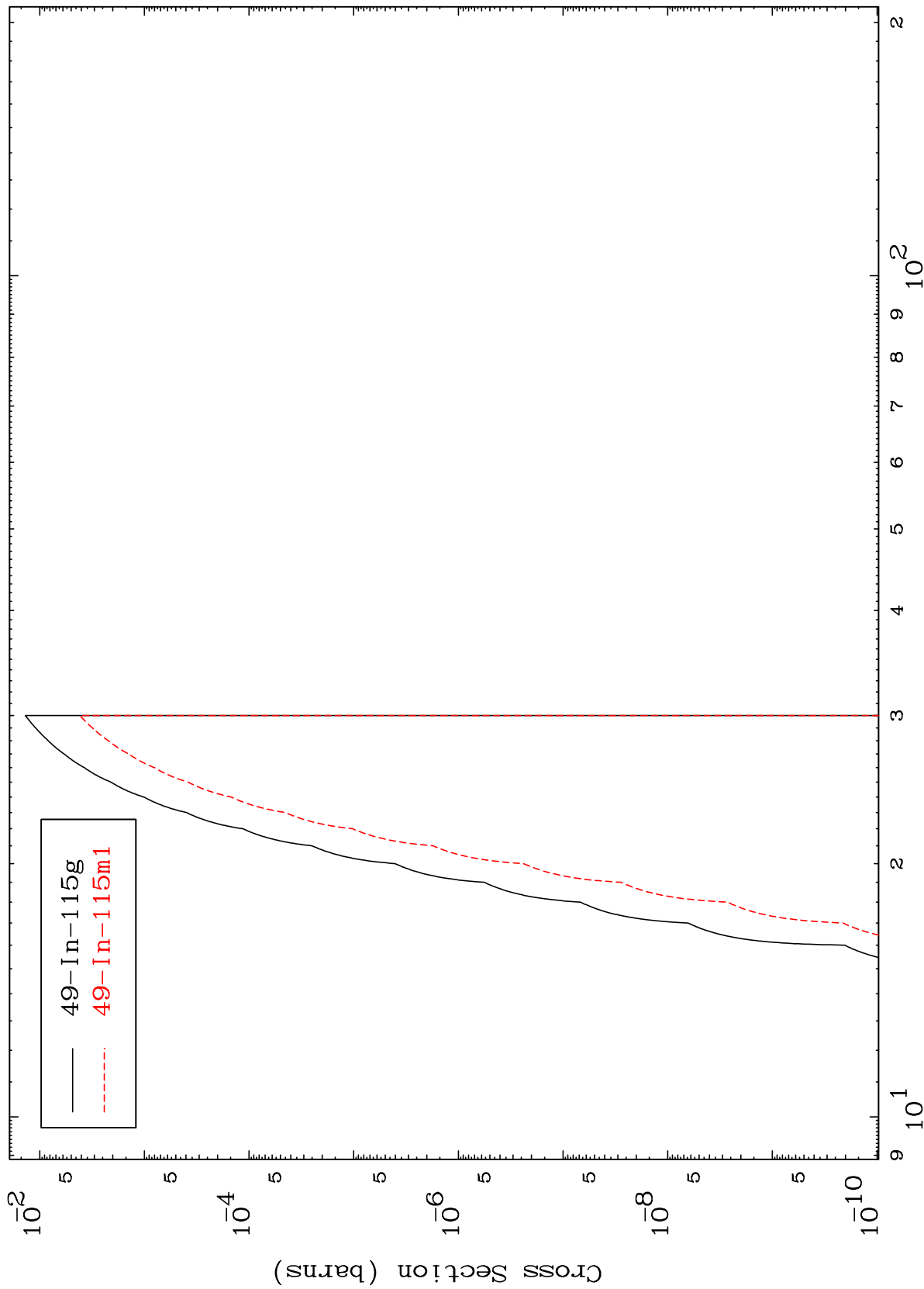


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(n,2n) α

51-Sb-120m

Radionuclide Production Cross Section



— 49-In-115g
- - - 49-In-115m1

Incident Energy (MeV)

51-Sb-120m

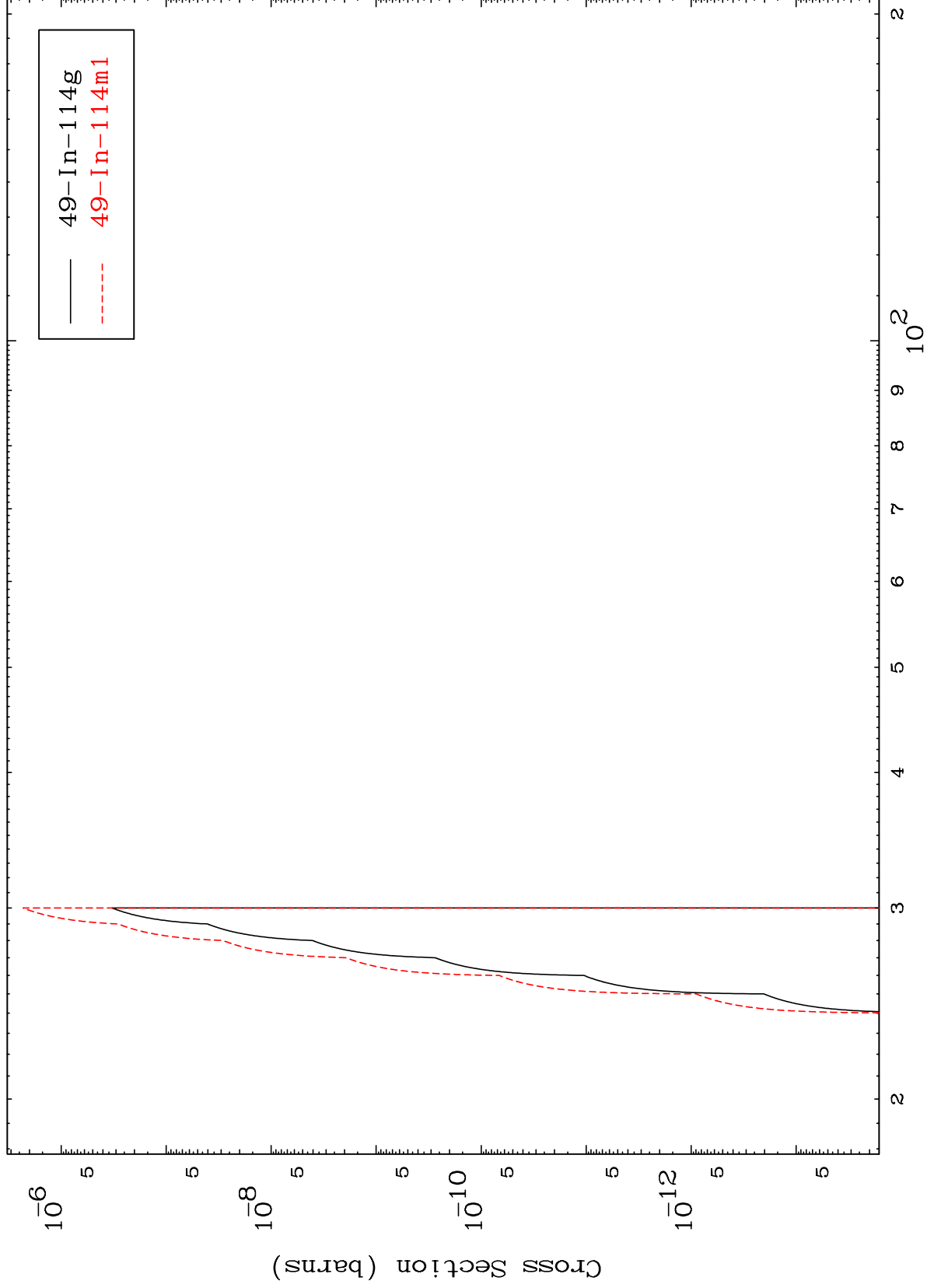
23

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(n,3n) α

51-Sb-120m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

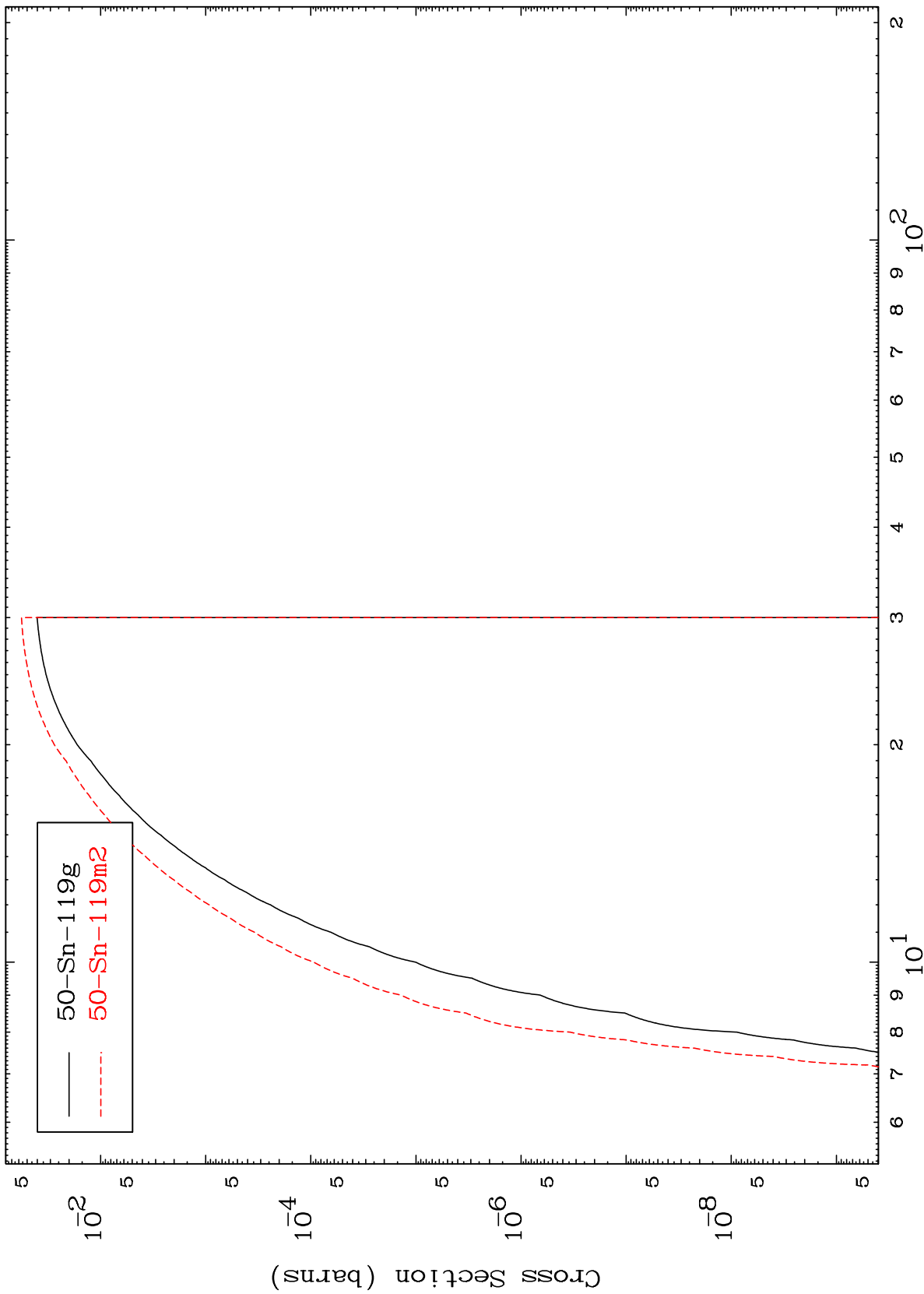
51-Sb-120m

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51-Sb-120m

(n,n') p

Radionuclide Production Cross Section



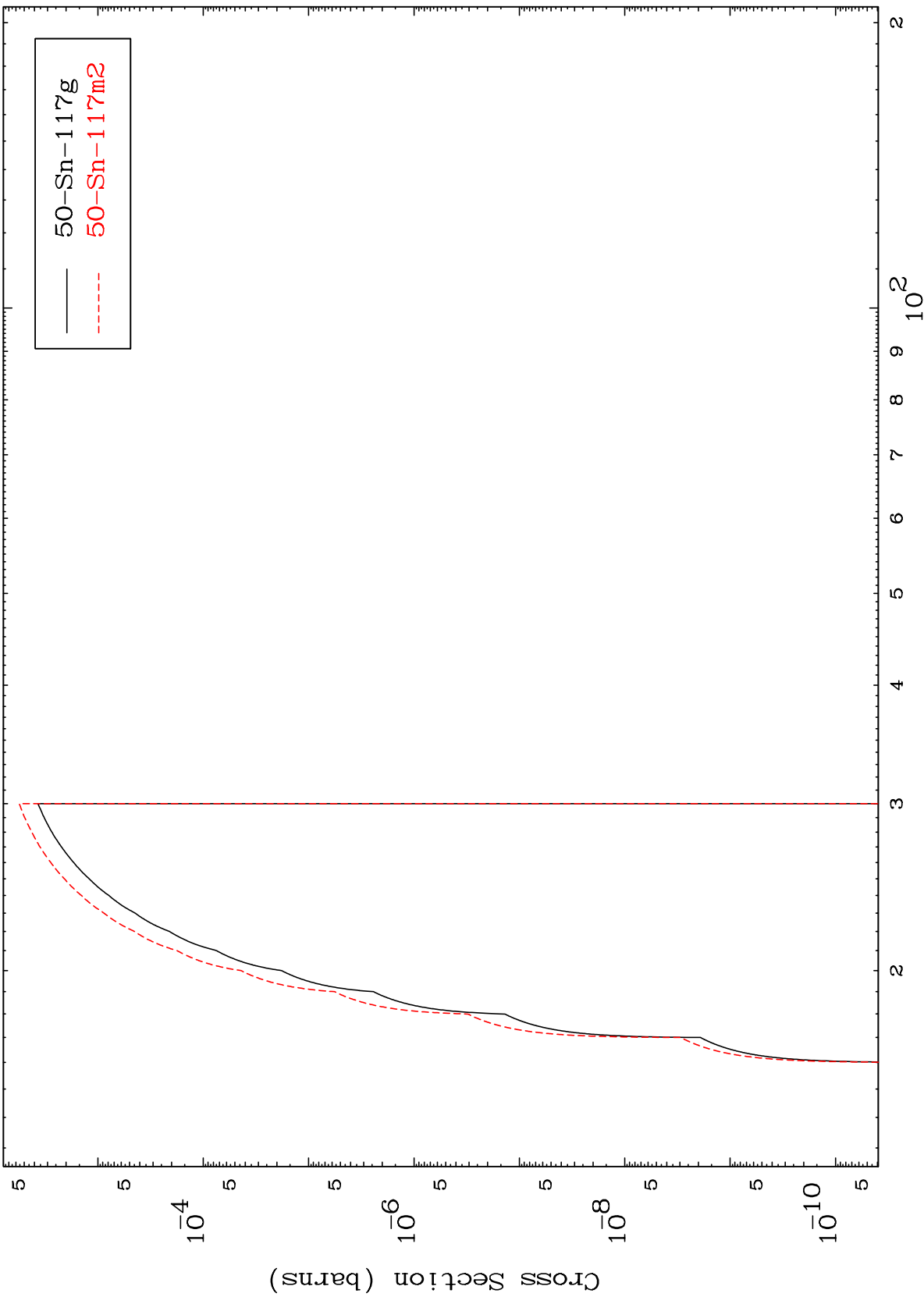
50-Sn-119g
50-Sn-119m2

25

Incident Energy (MeV)

51-Sb-120m

Radionuclide Production Cross Section

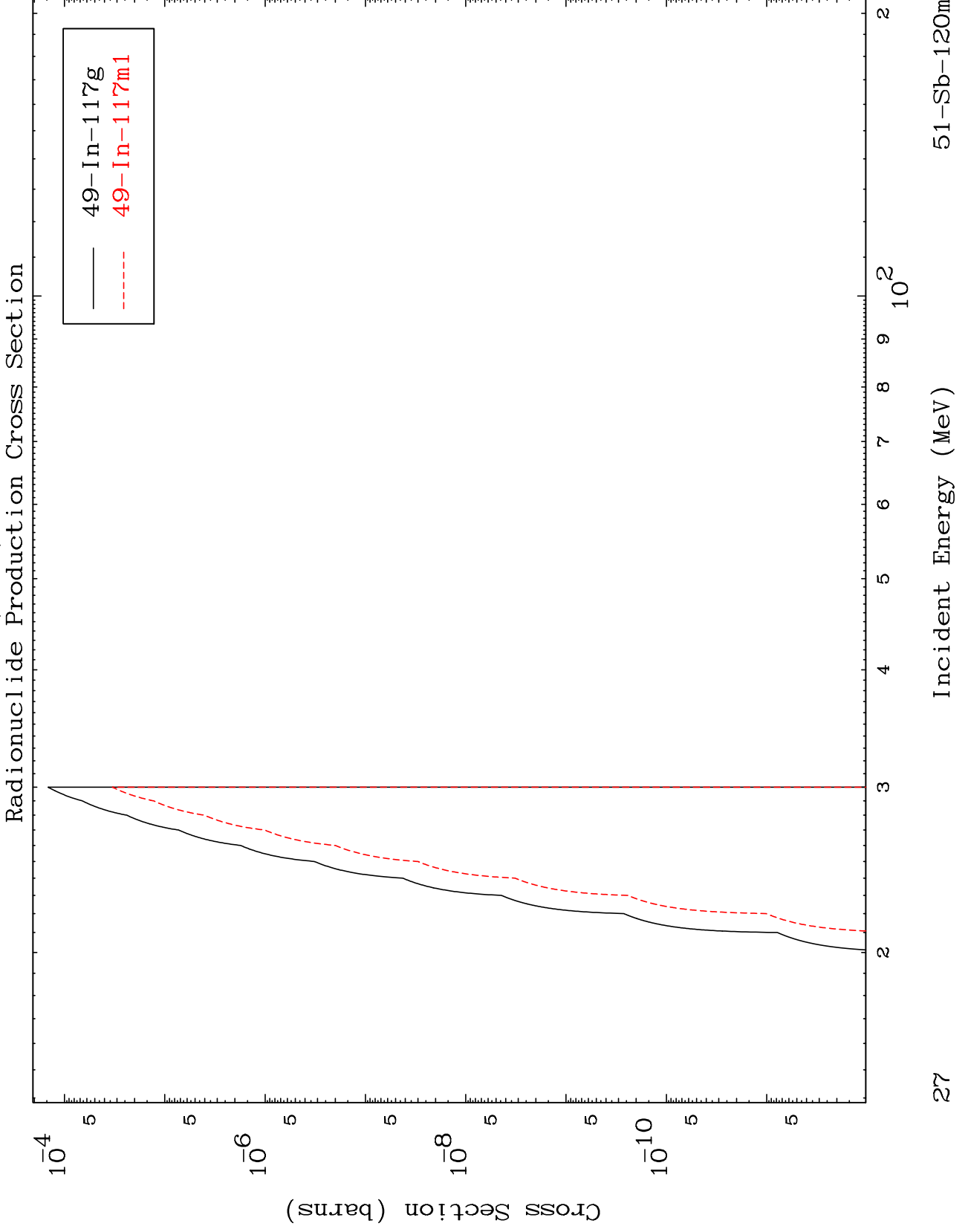


50-Sn-117g
50-Sn-117m2

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(n,n') He-3

51-Sb-120m

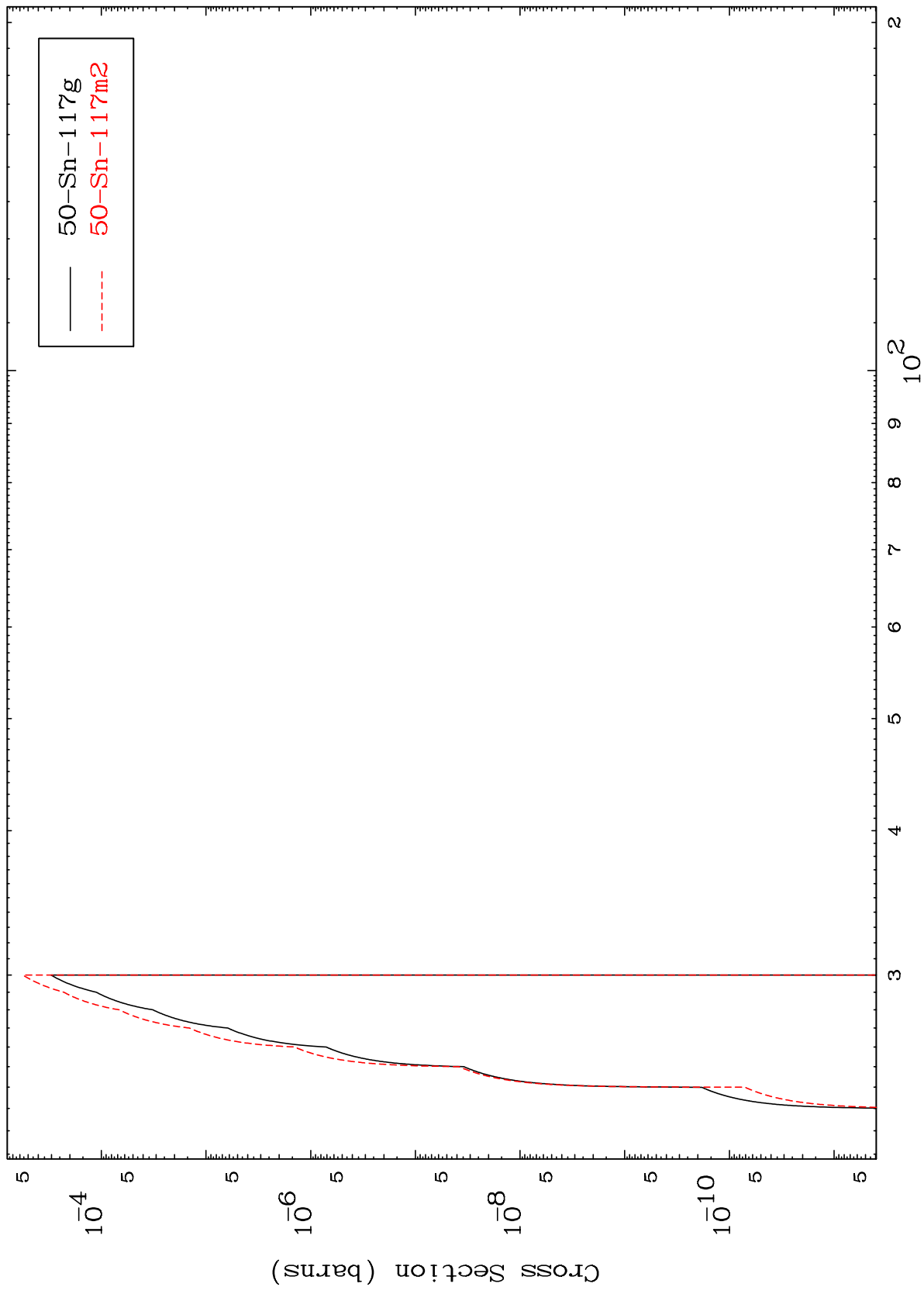


MAT 5123

(n,3n) p

51-Sb-120m

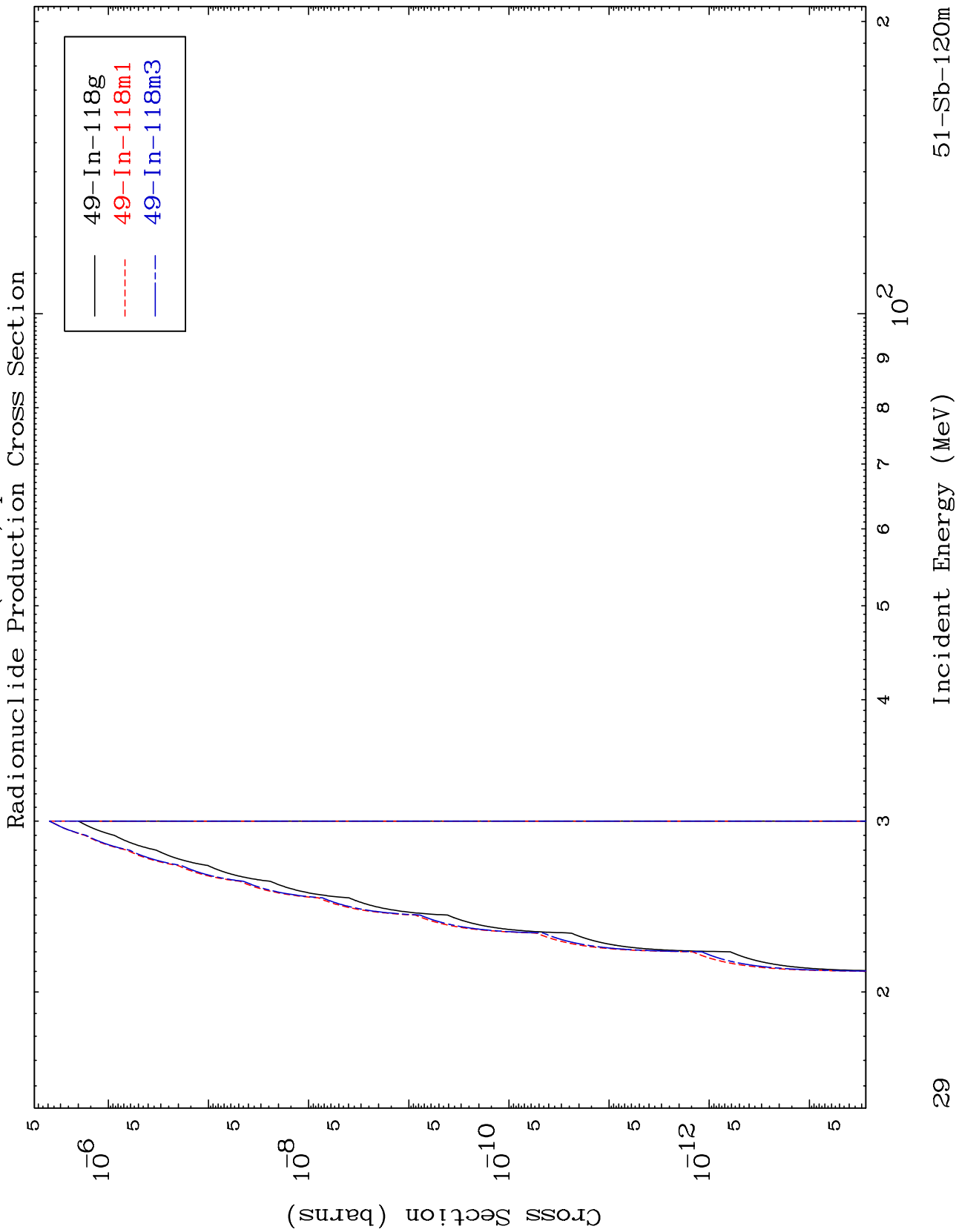
Radionuclide Production Cross Section



28

Incident Energy (MeV)

51-Sb-120m

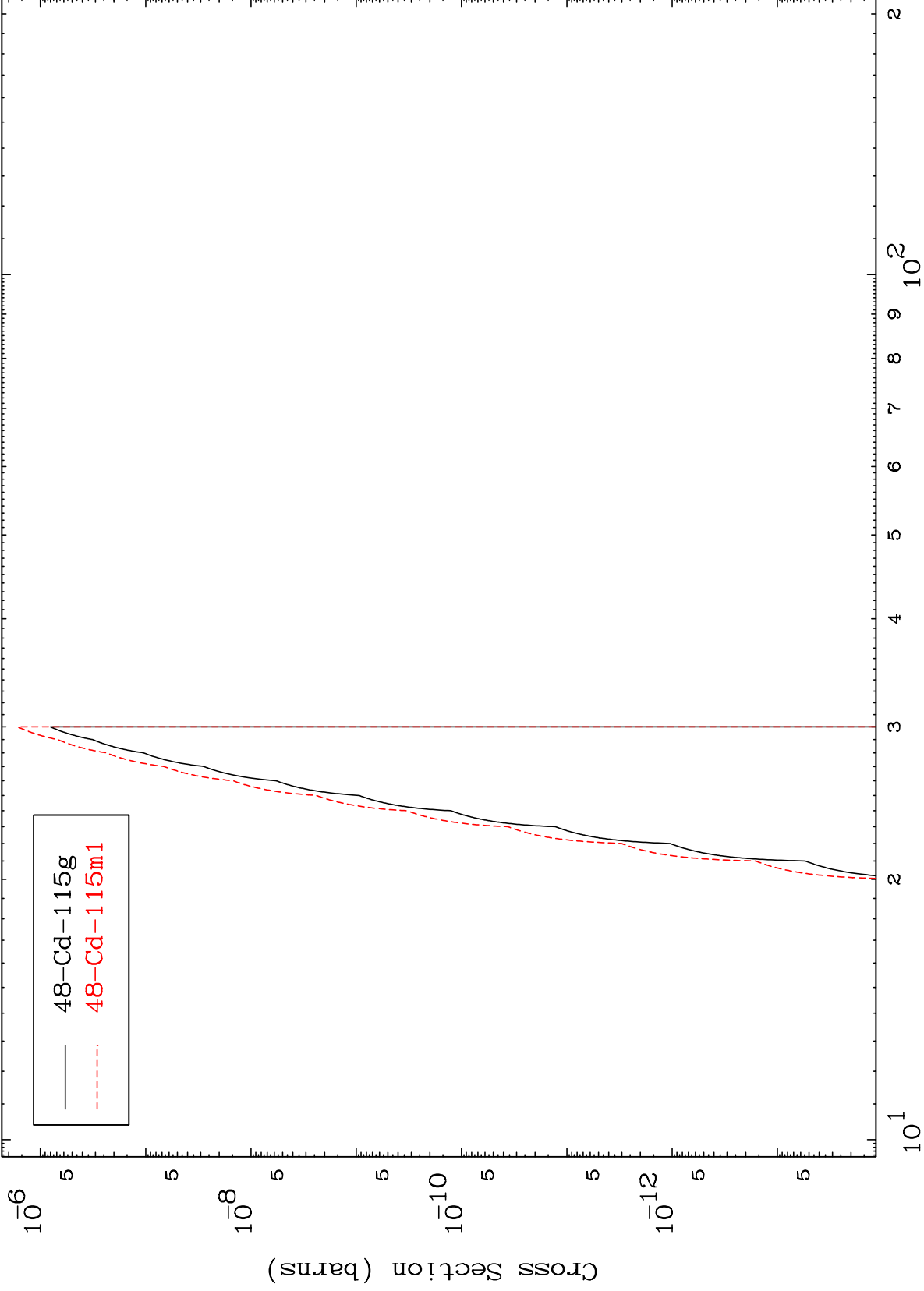


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(n,n') p α

51-Sb-120m

Radionuclide Production Cross Section



Incident Energy (MeV)

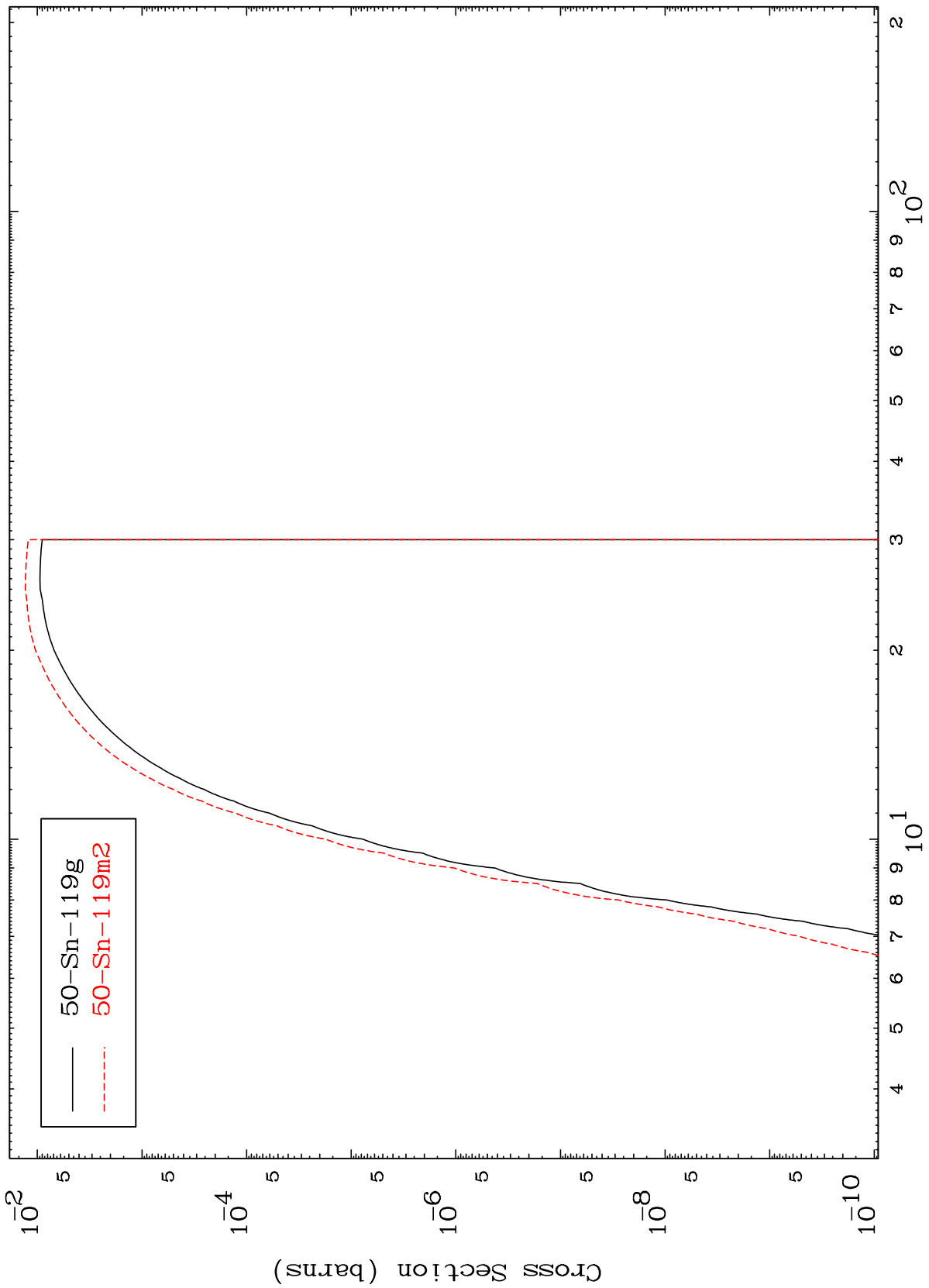
51-Sb-120m

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51-Sb-120m

(n,d)

Radionuclide Production Cross Section



51-Sb-120m

Incident Energy (MeV)

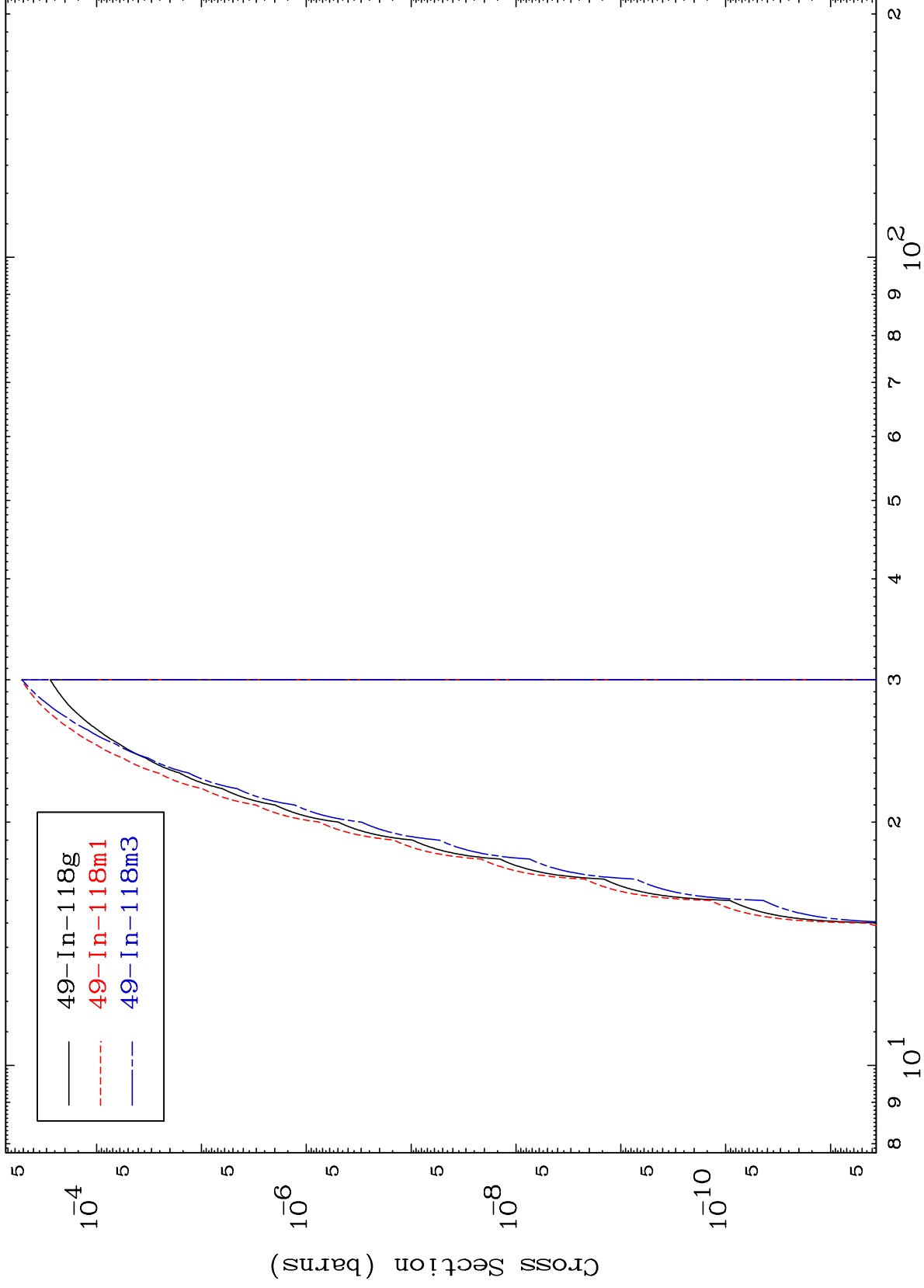
31

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(n,He-3)

51-Sb-120m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

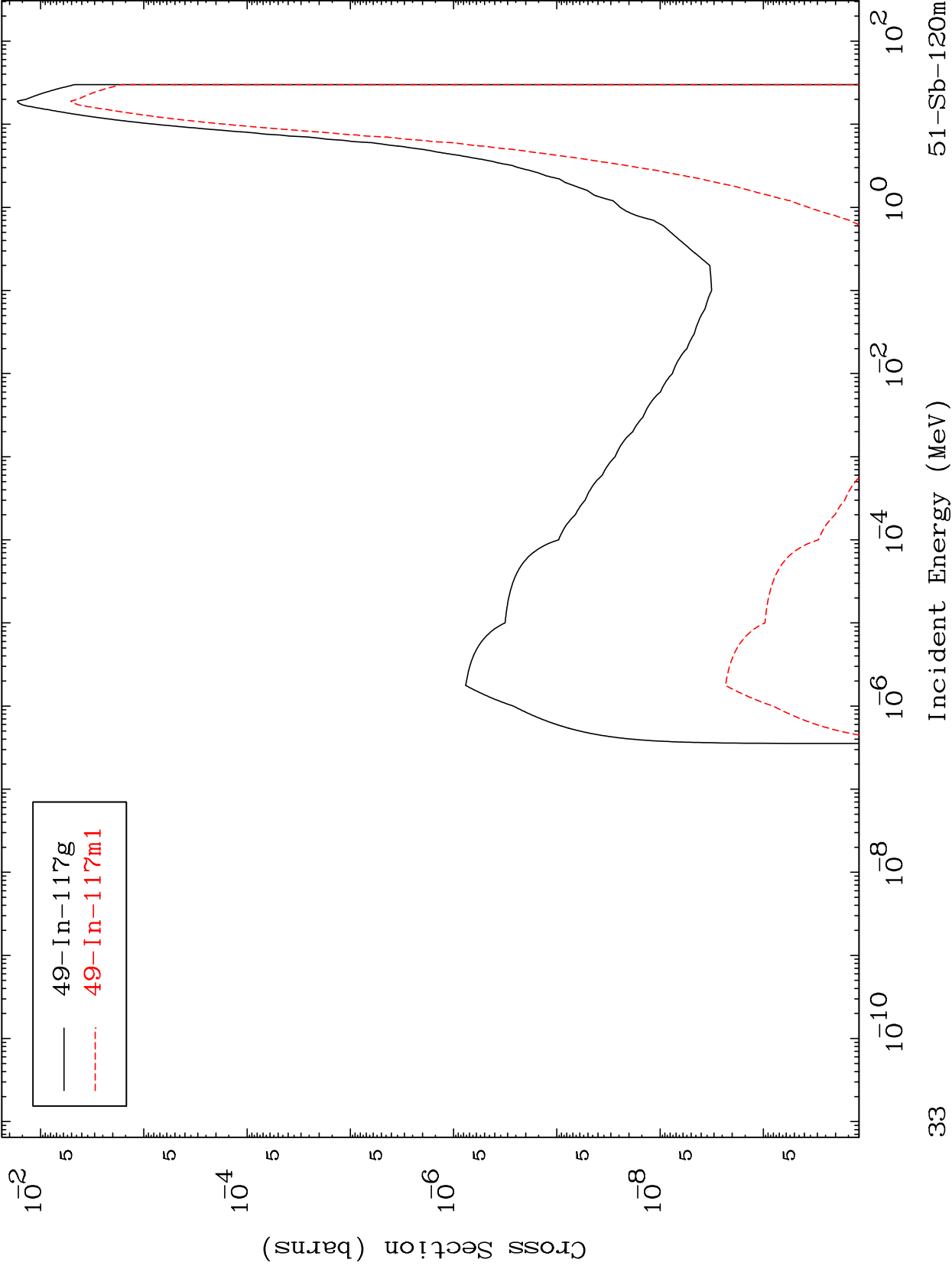
51-Sb-120m

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(n, α)

51-Sb-120m

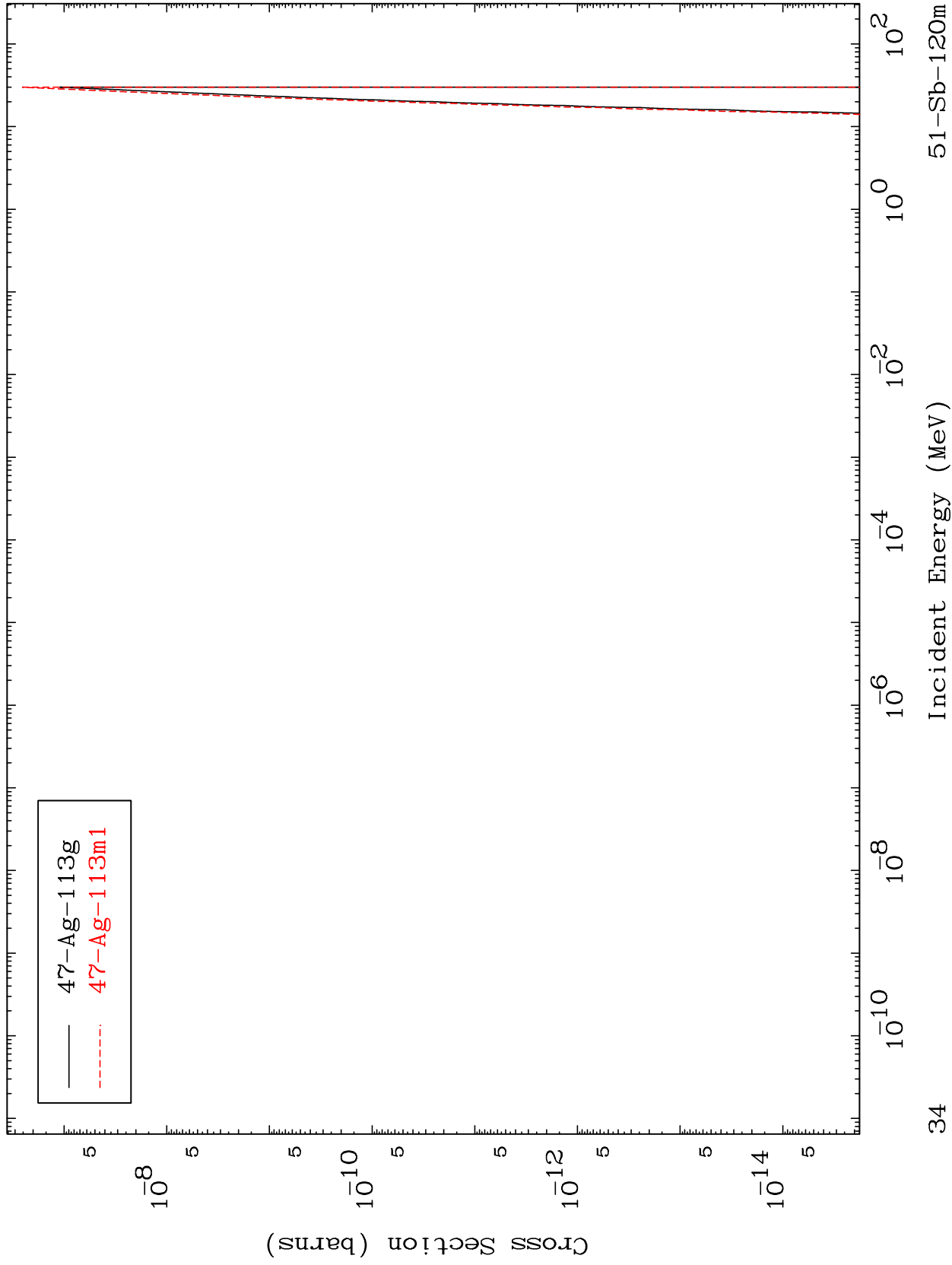
Radionuclide Production Cross Section



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51-Sb-120m

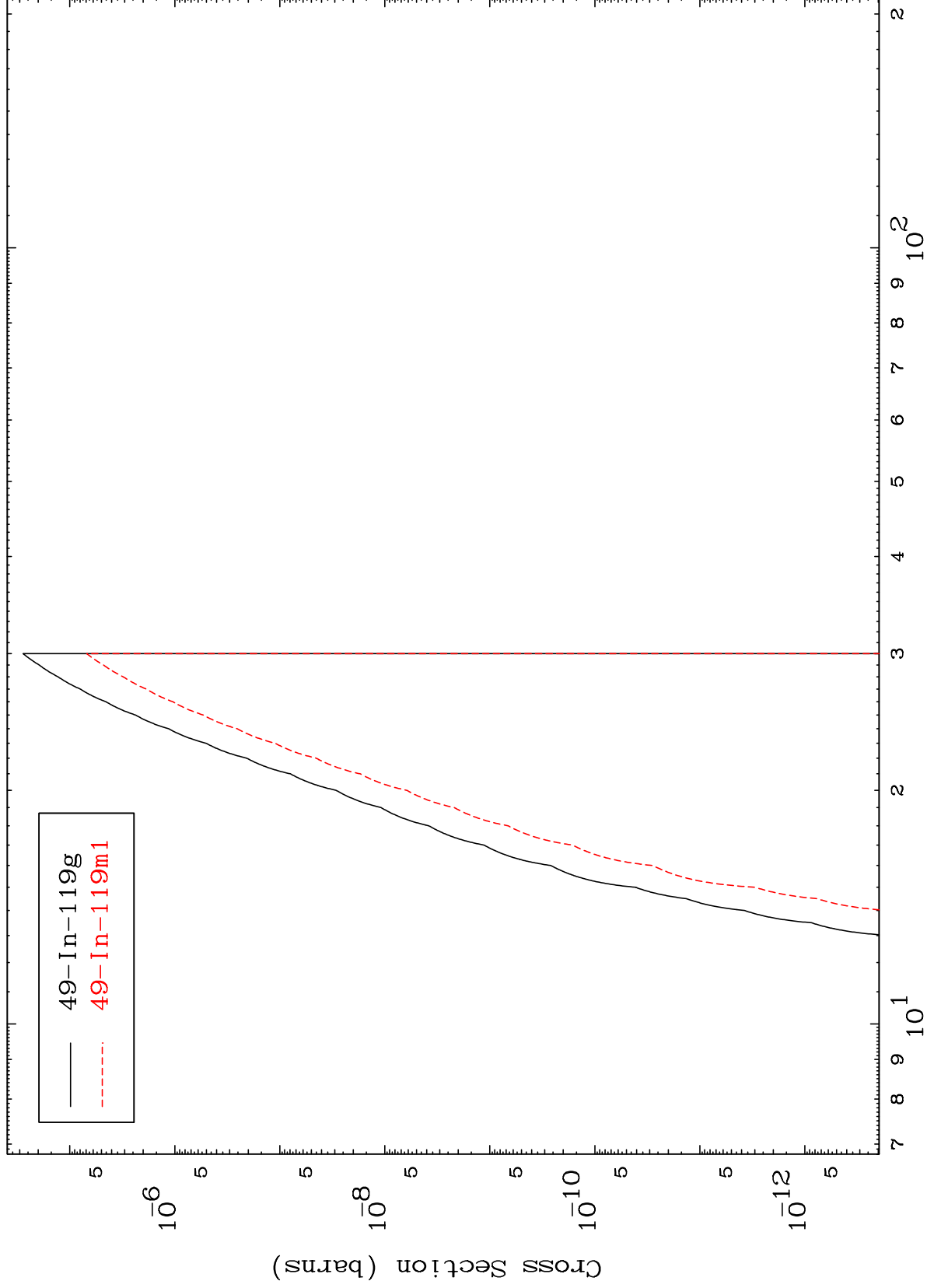
Radionuclide Production Cross Section
(n,2 α)



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51-Sb-120m

(n,2p)
Radionuclide Production Cross Section

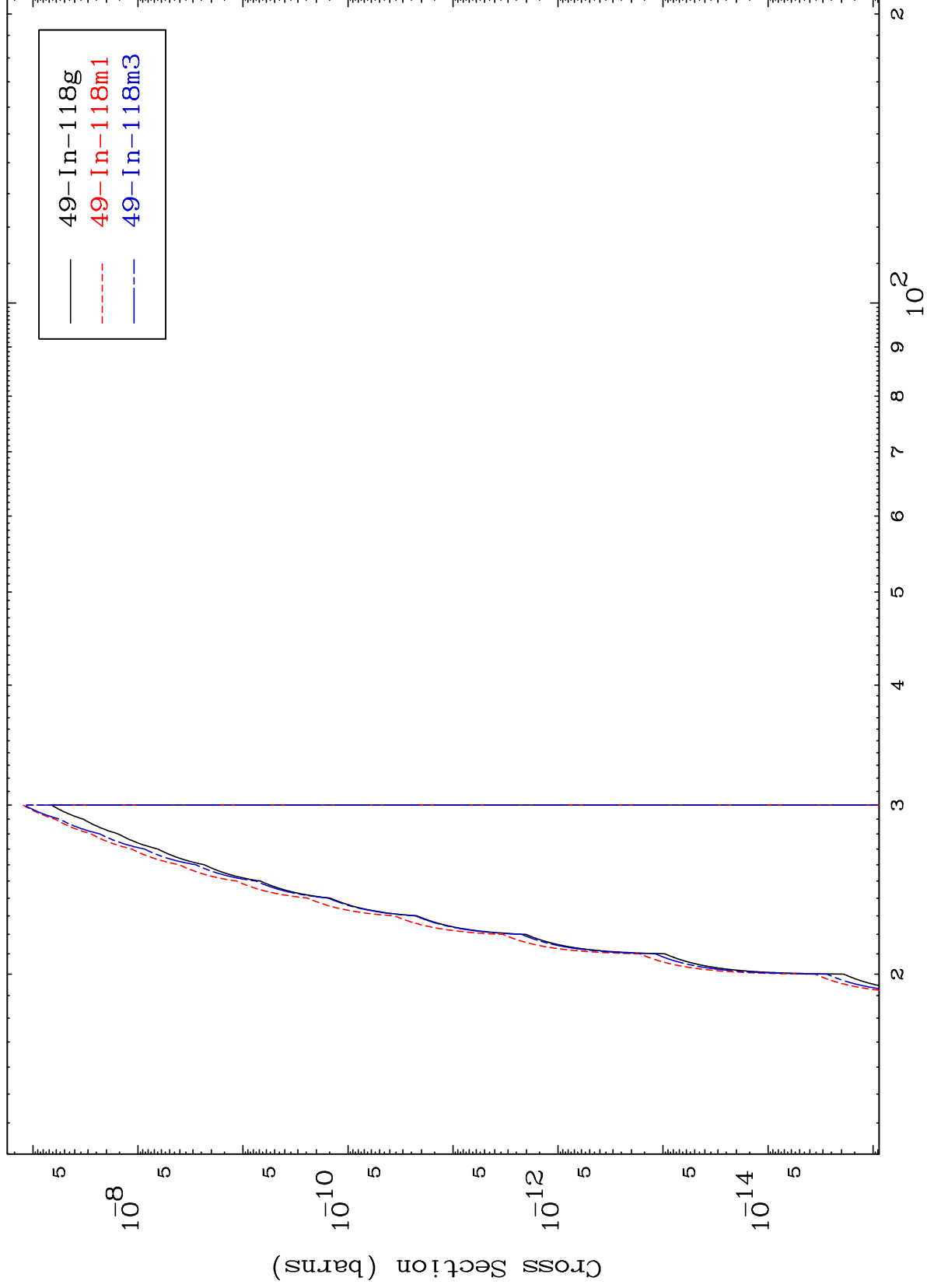


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Incident Energy (MeV)

51-Sb-120m

Radionuclide Production Cross Section

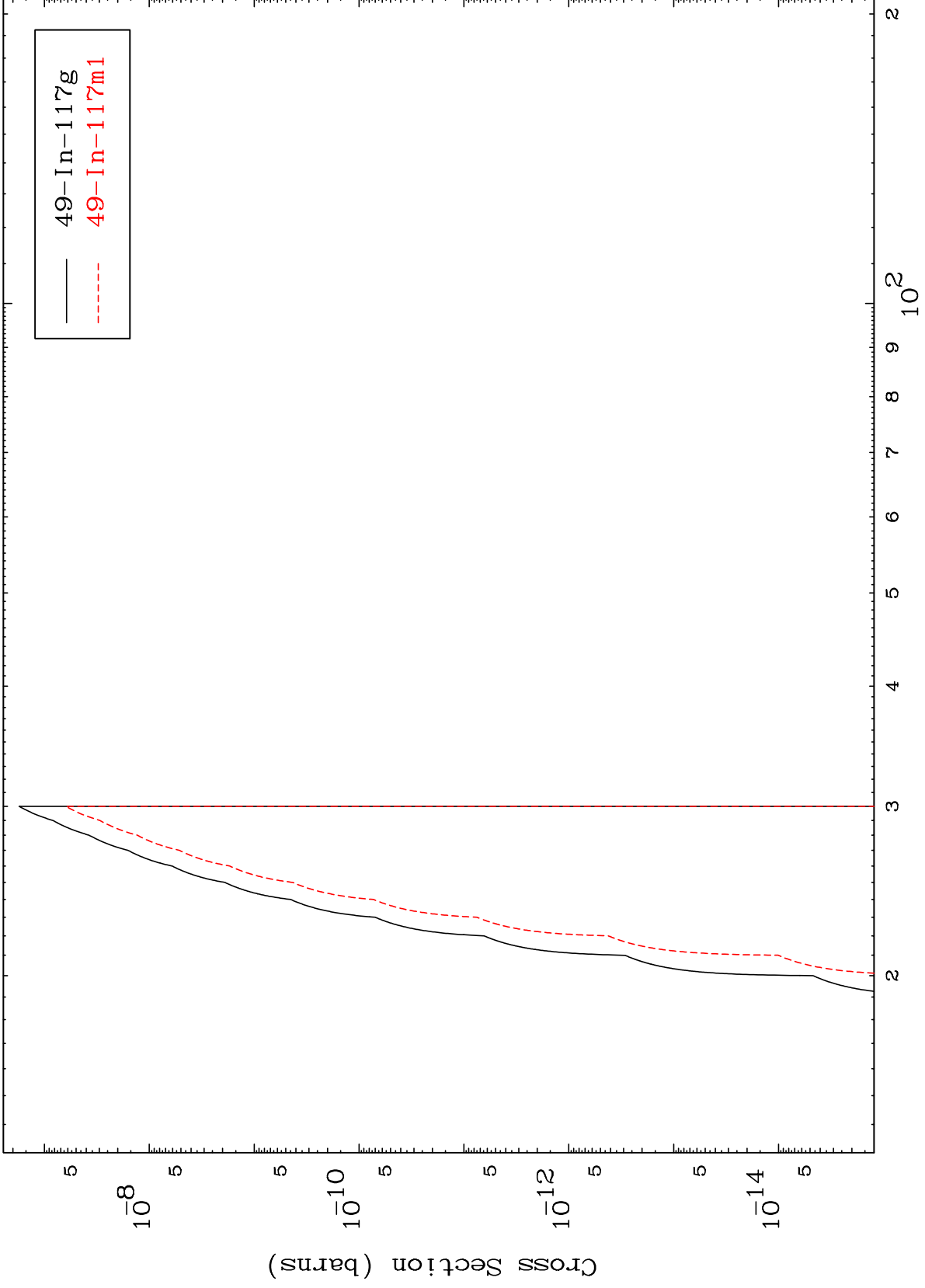


MAT 5123

(n,p) t

51-Sb-120m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

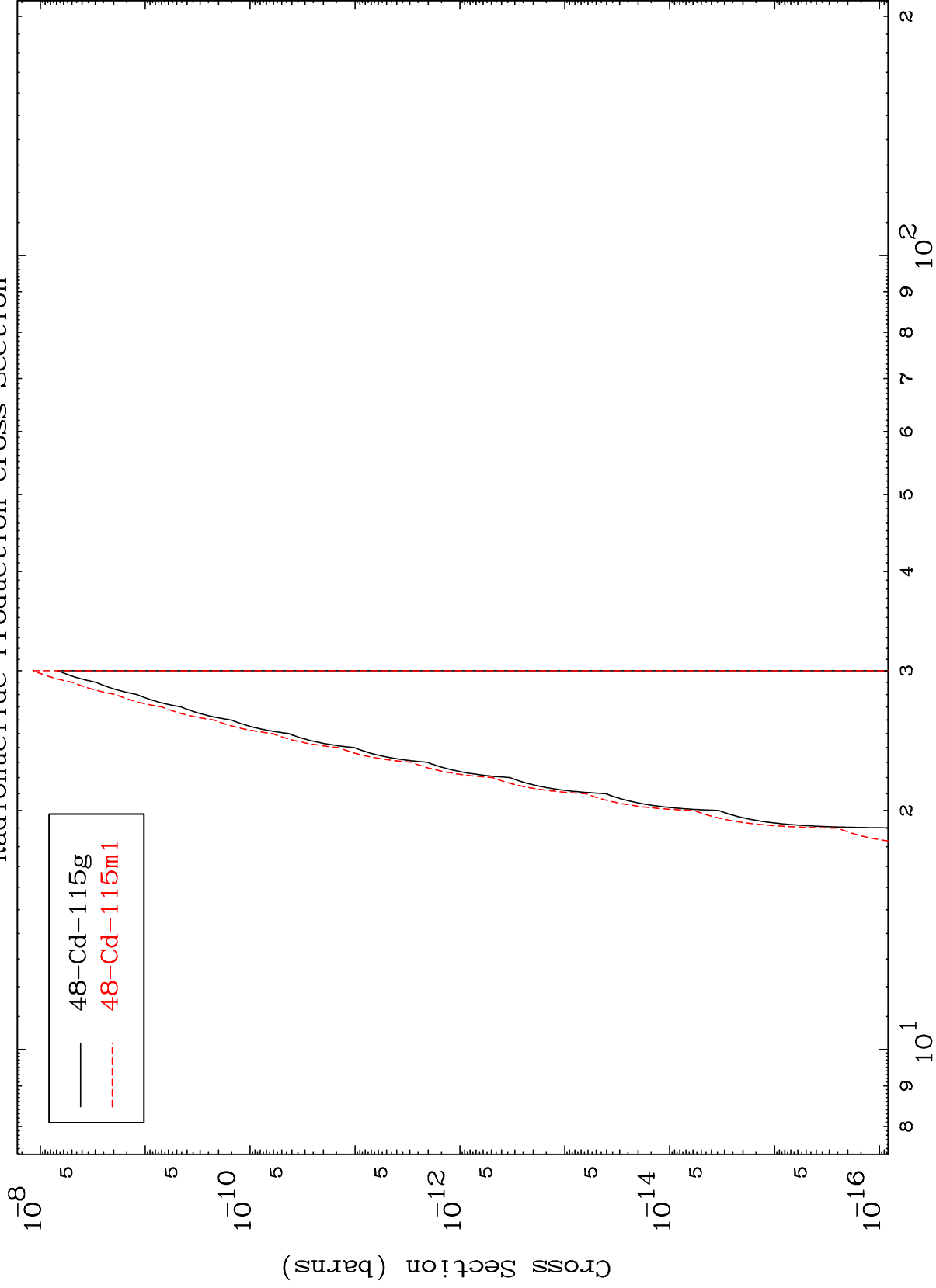
51-Sb-120m

MAT 5123

(n,d) α

51-Sb-120m

Radionuclide Production Cross Section



38

Incident Energy (MeV)

51-Sb-120m