

Program EVALPLOT
(Version 2021-1)

by

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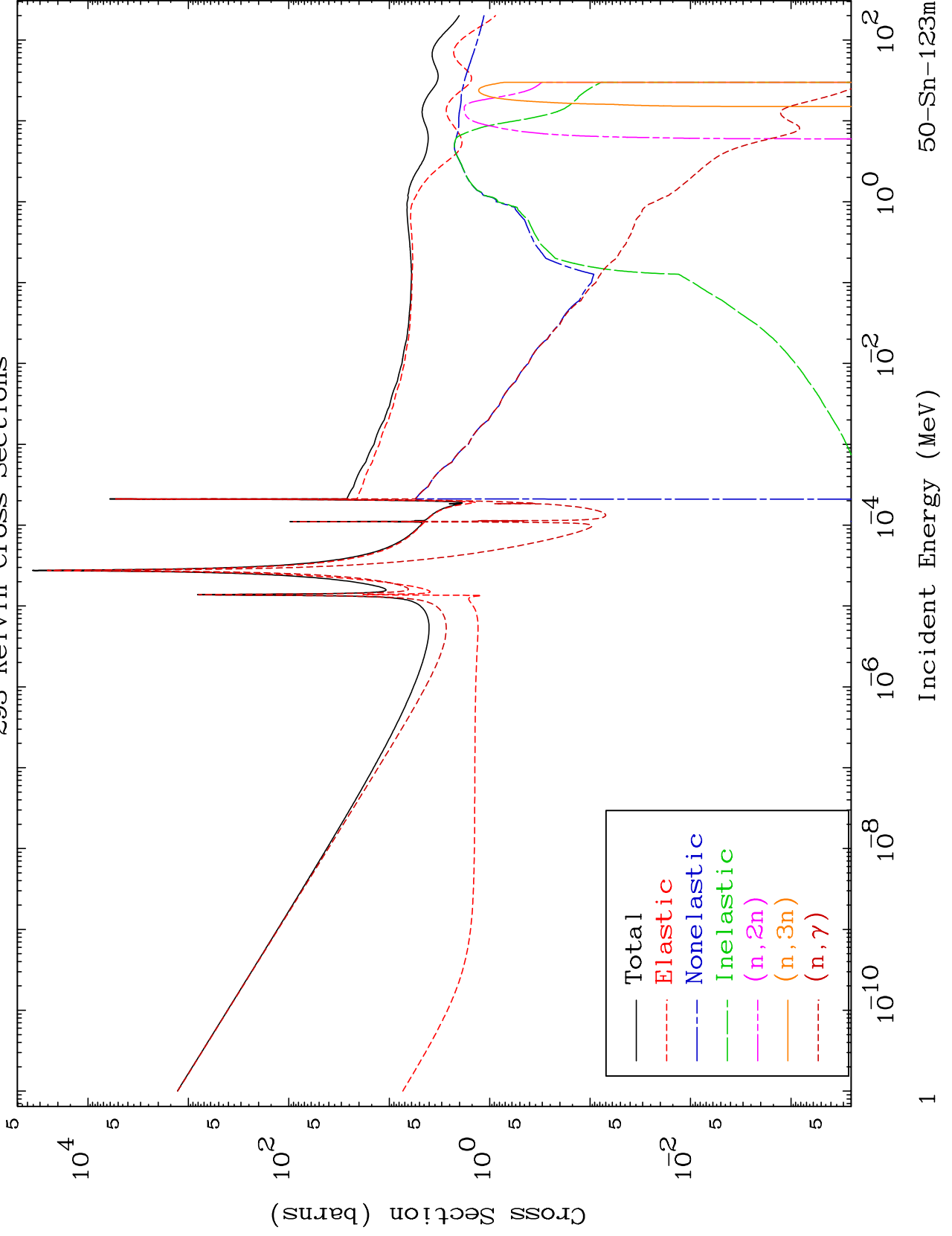
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5059

Neutron Major
293 Kelvin Cross Sections

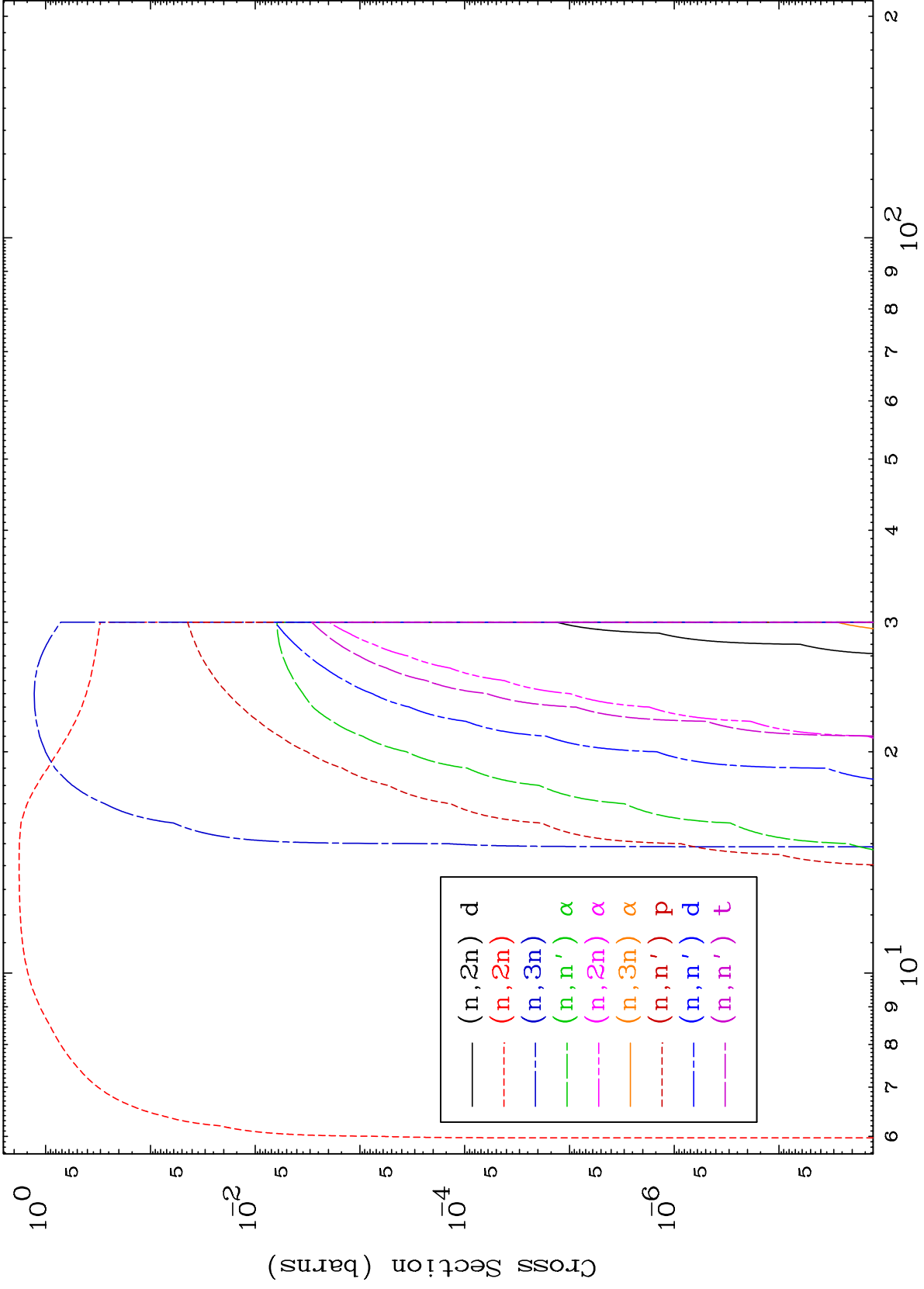
50-Sn-123m



MAT 5059

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-123m



2

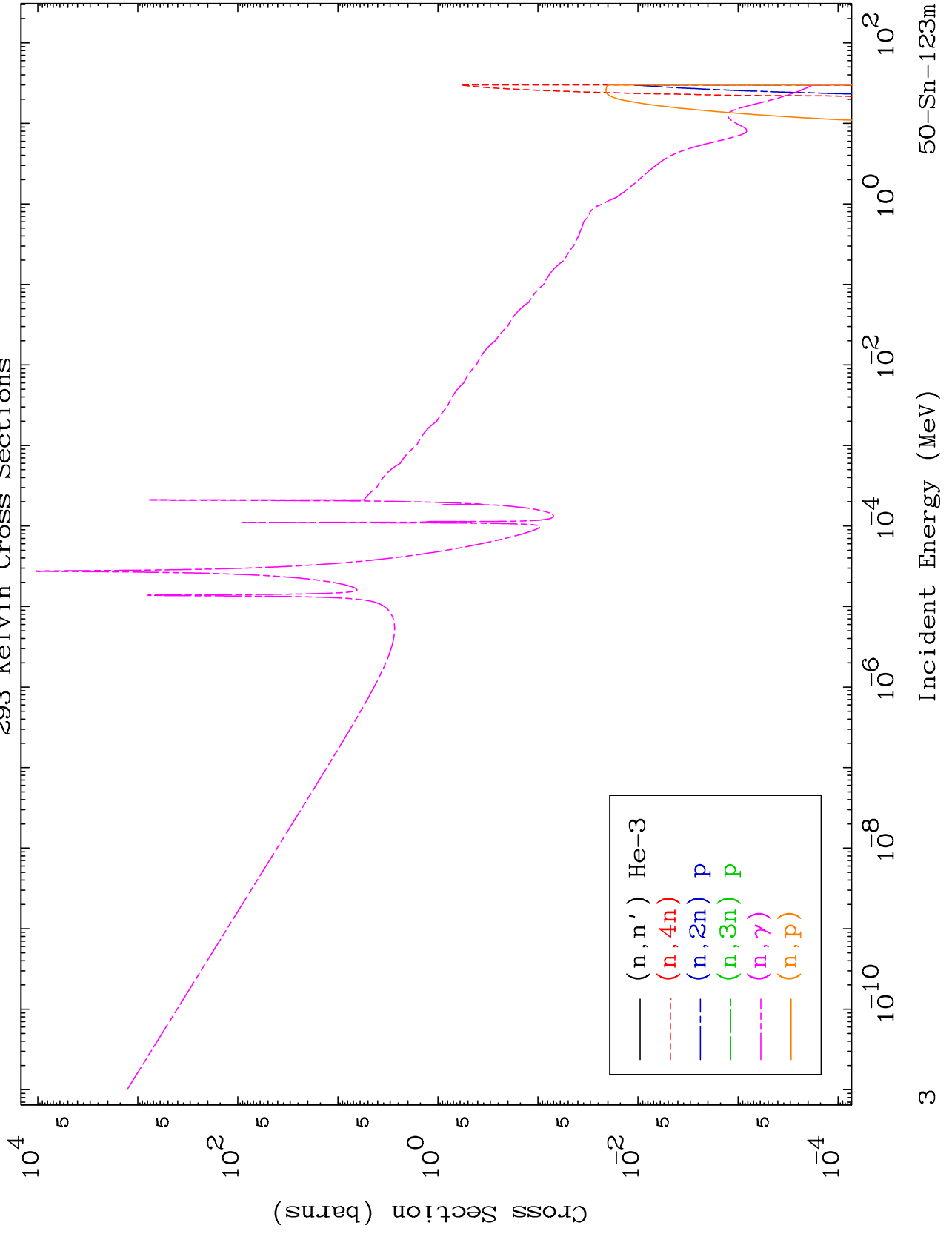
Incident Energy (MeV)

50-Sn-123m

MAT 5059

Neutron Absorption
293 Kelvin Cross Sections

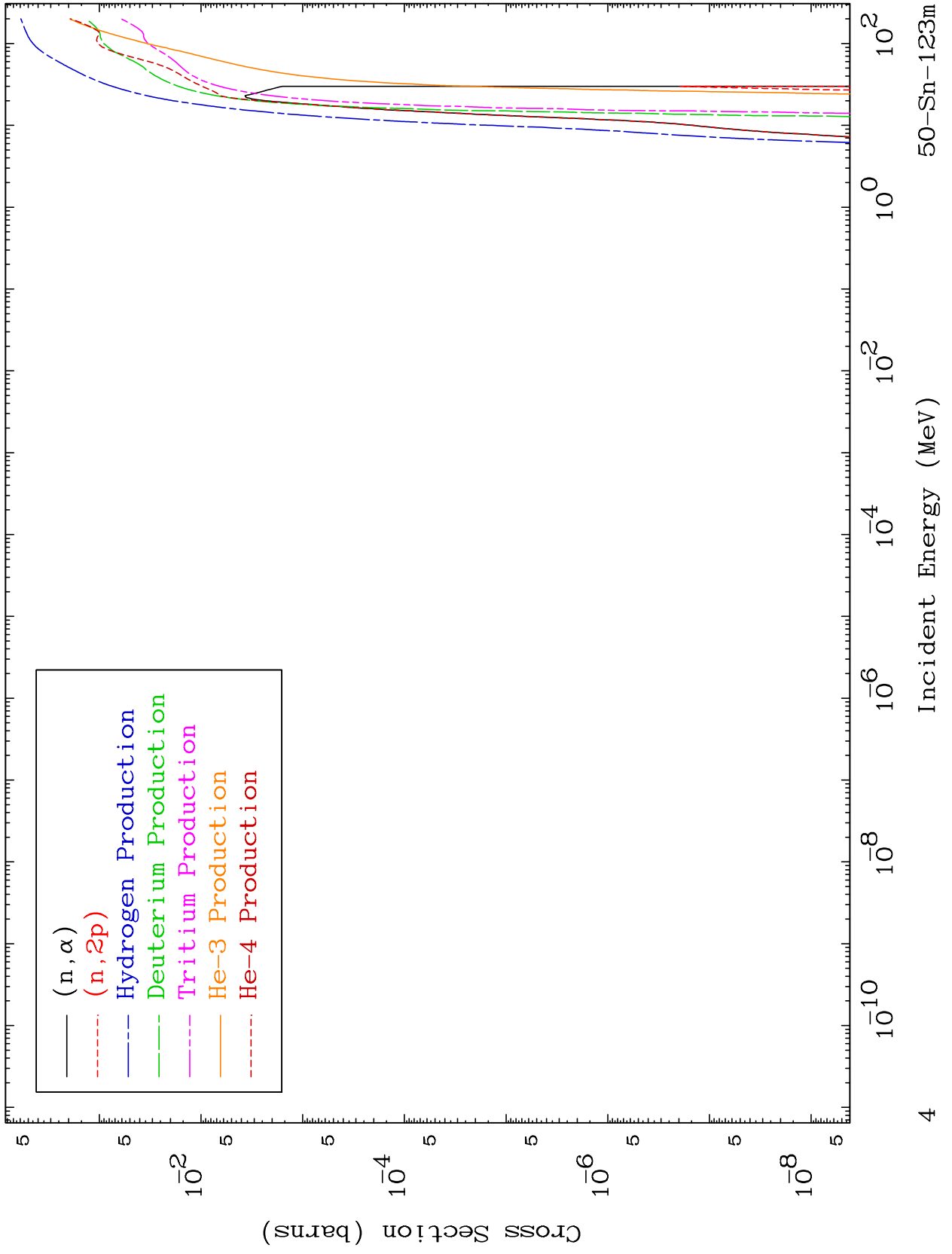
50-Sn-123m



MAT 5059

Neutron Absorption
293 Kelvin Cross Sections

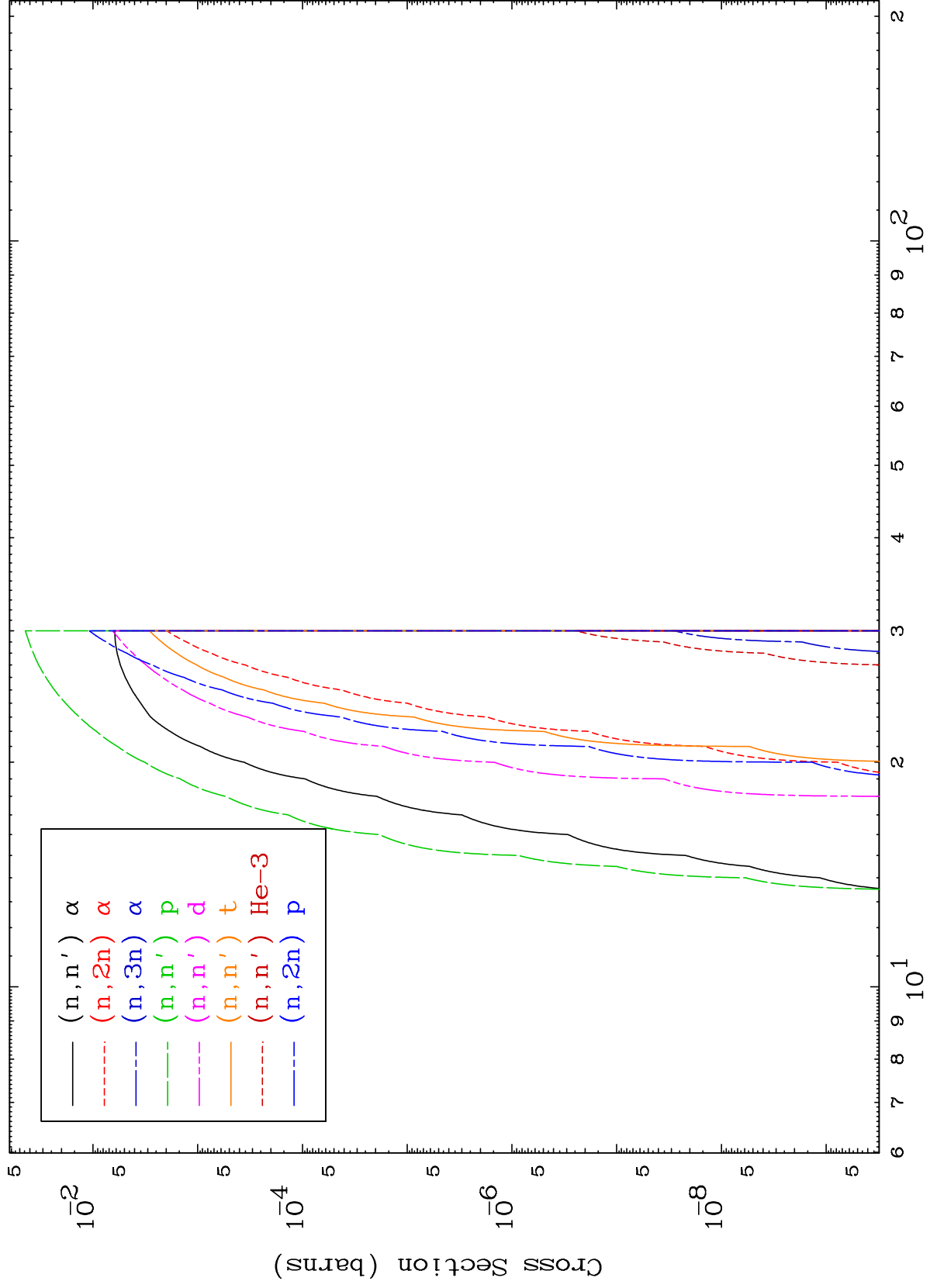
50-Sn-123m



MAT 5059

Charged Particle
293 Kelvin Cross Sections

50-Sn-123m



5

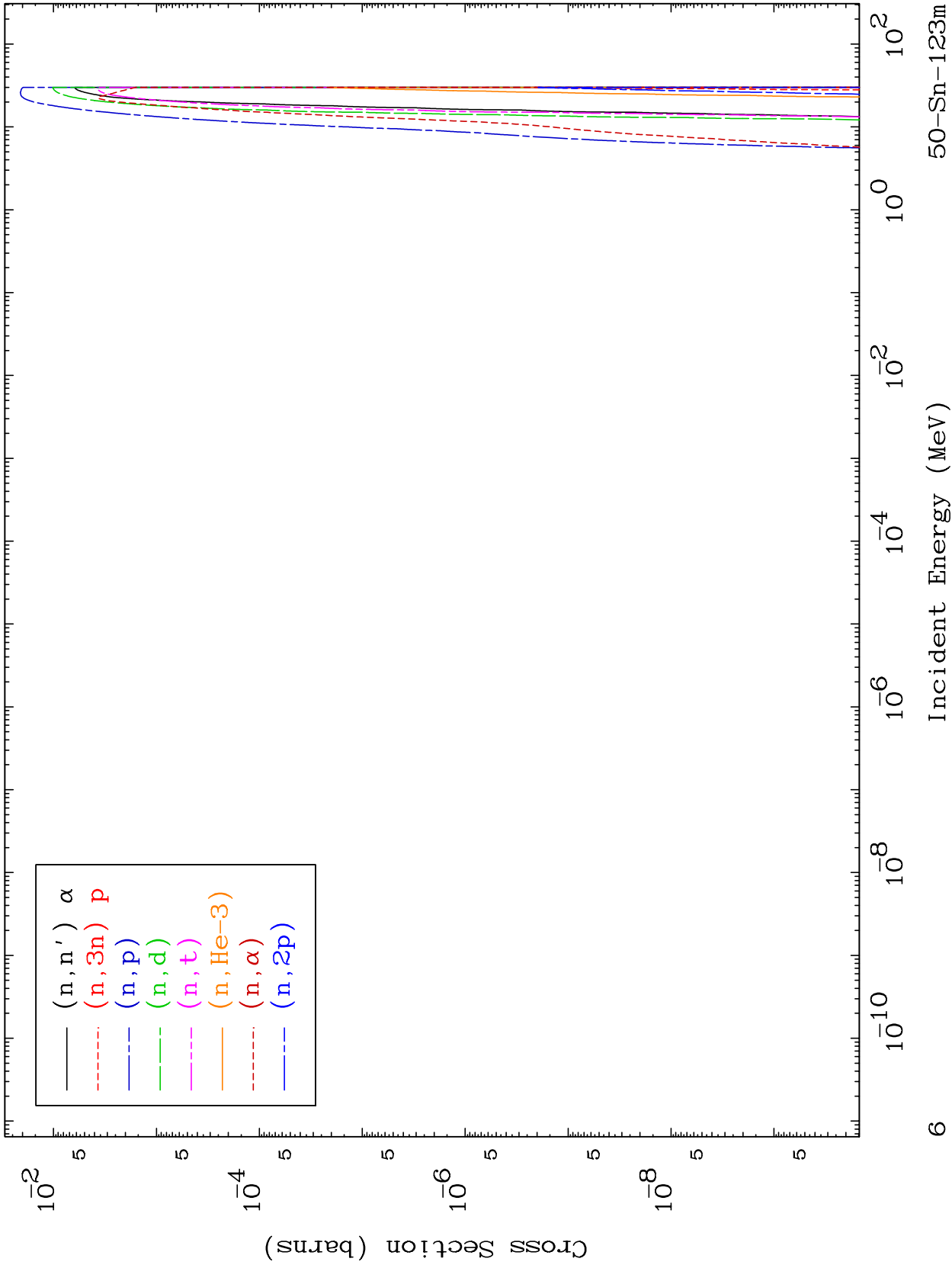
Incident Energy (MeV)

50-Sn-123m

MAT 5059

Charged Particle
293 Kelvin Cross Sections

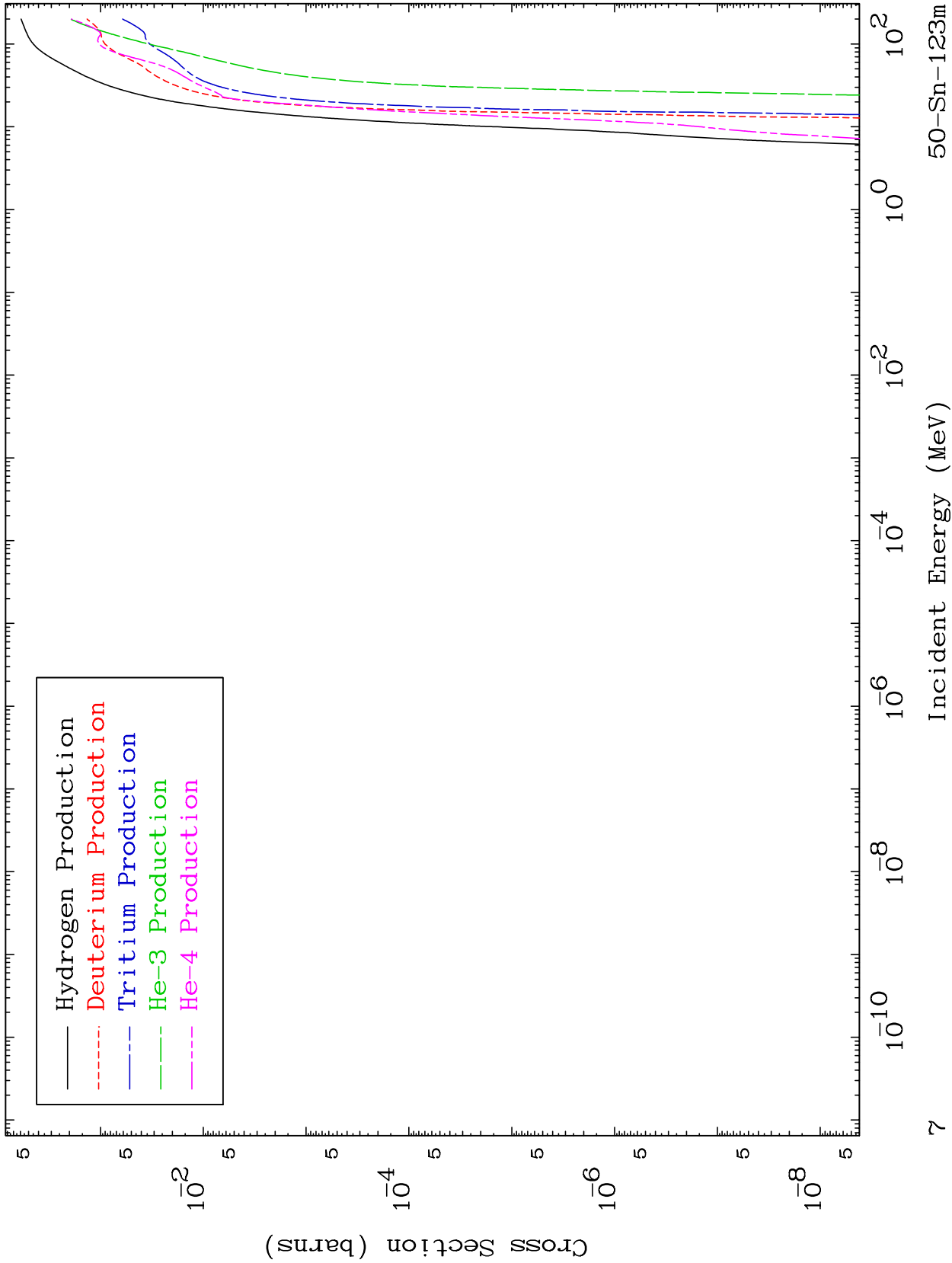
50-Sn-123m



MAT 5059

Particle Production
293 Kelvin Cross Sections

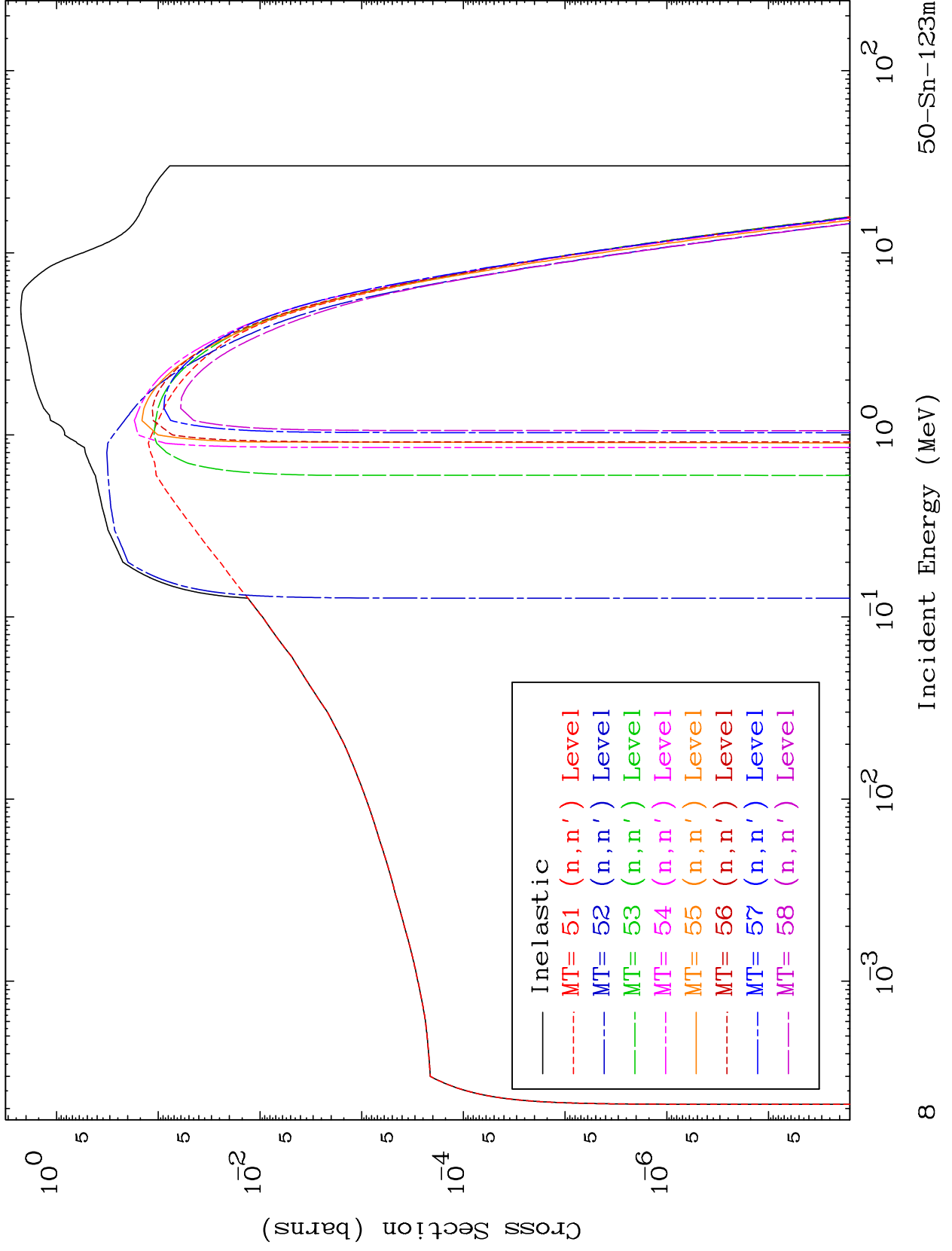
50-Sn-123m



MAT 5059

(n,n') Levels
293 Kelvin Cross Sections

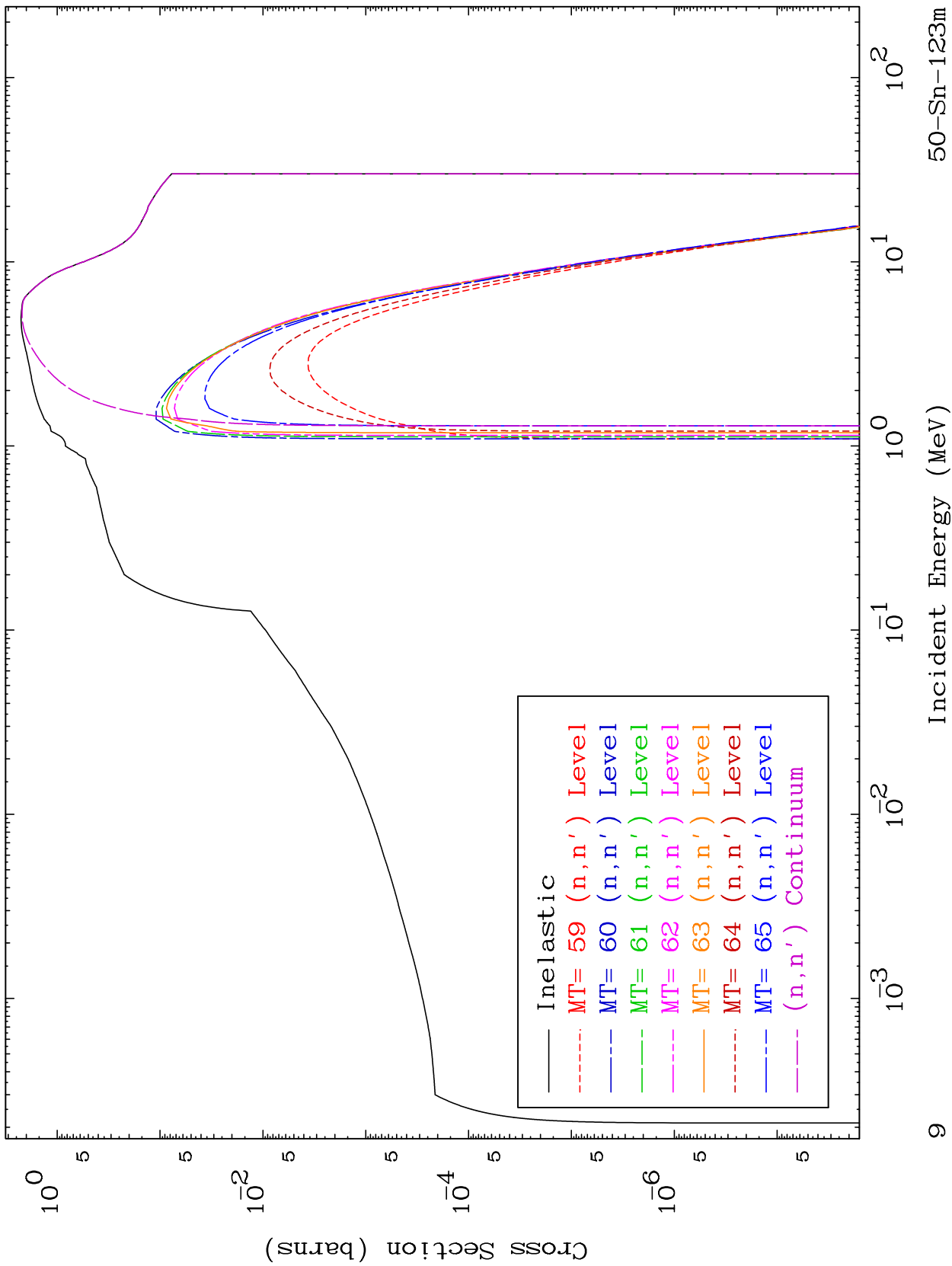
50-Sn-123m



MAT 5059

(n,n') Levels
293 Kelvin Cross Sections

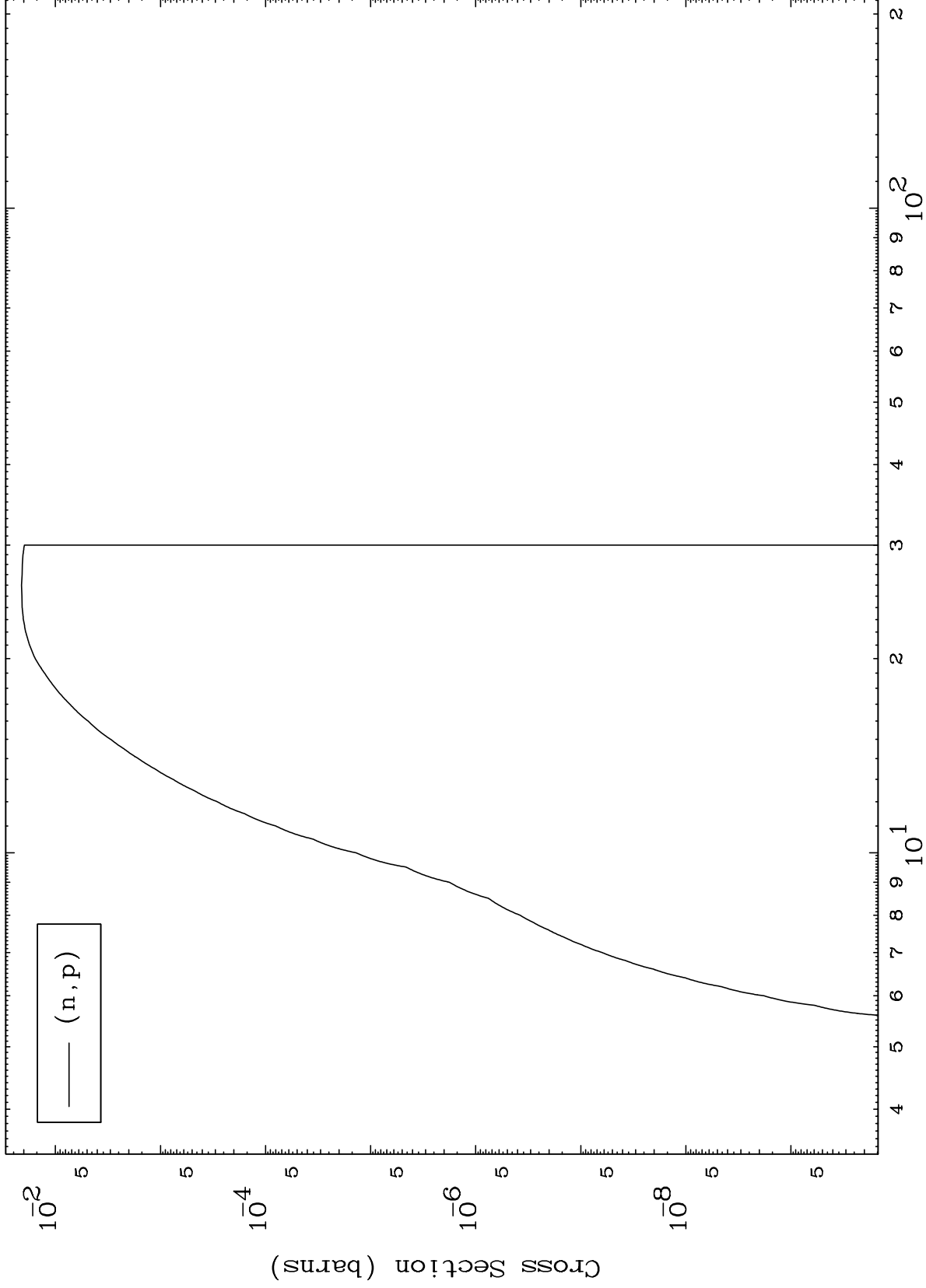
50-Sn-123m



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(n,p) Levels
293 Kelvin Cross Sections

50-Sn-123m



50-Sn-123m

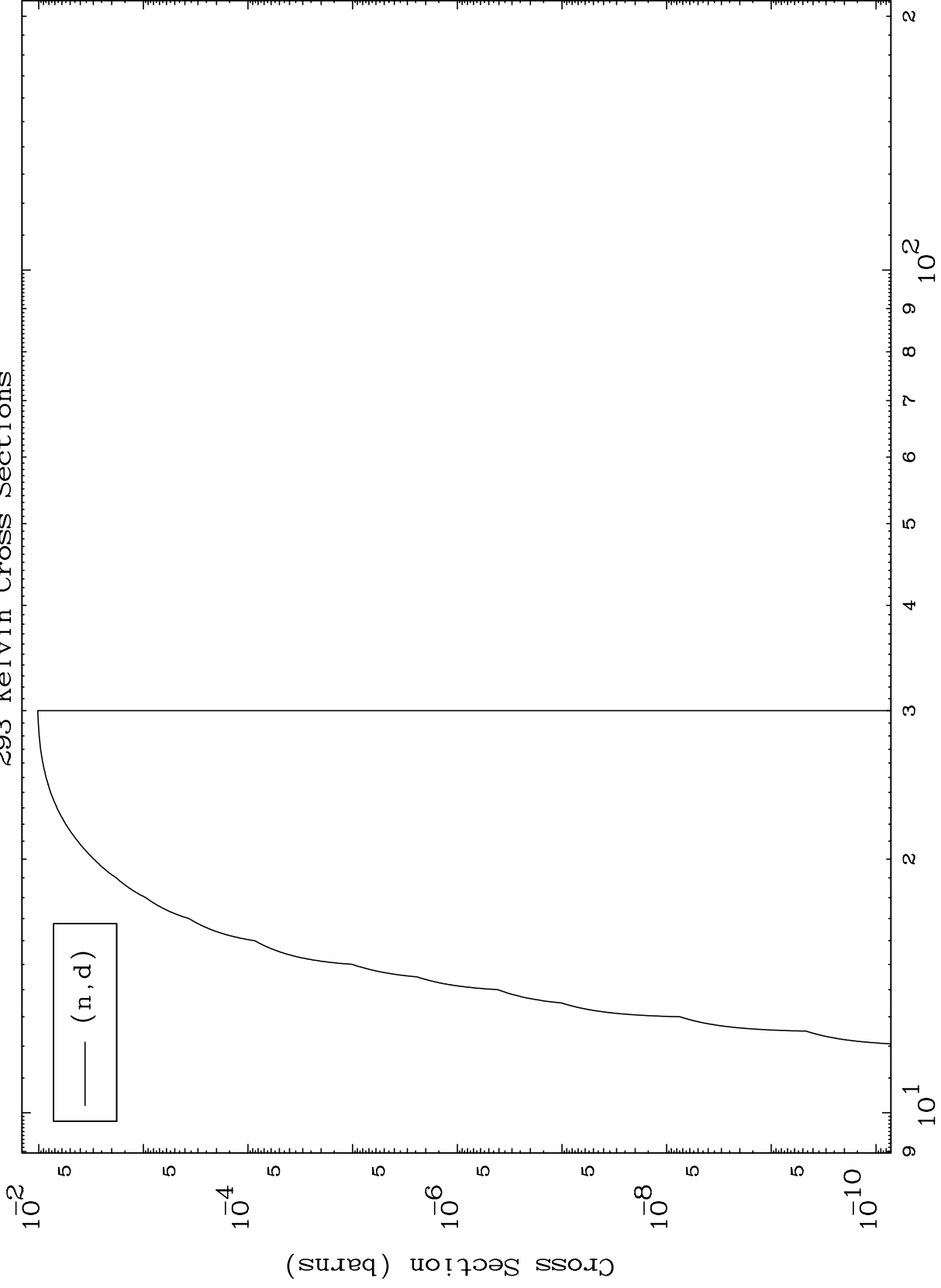
Incident Energy (MeV)

10

MAT 5059

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-123m



11

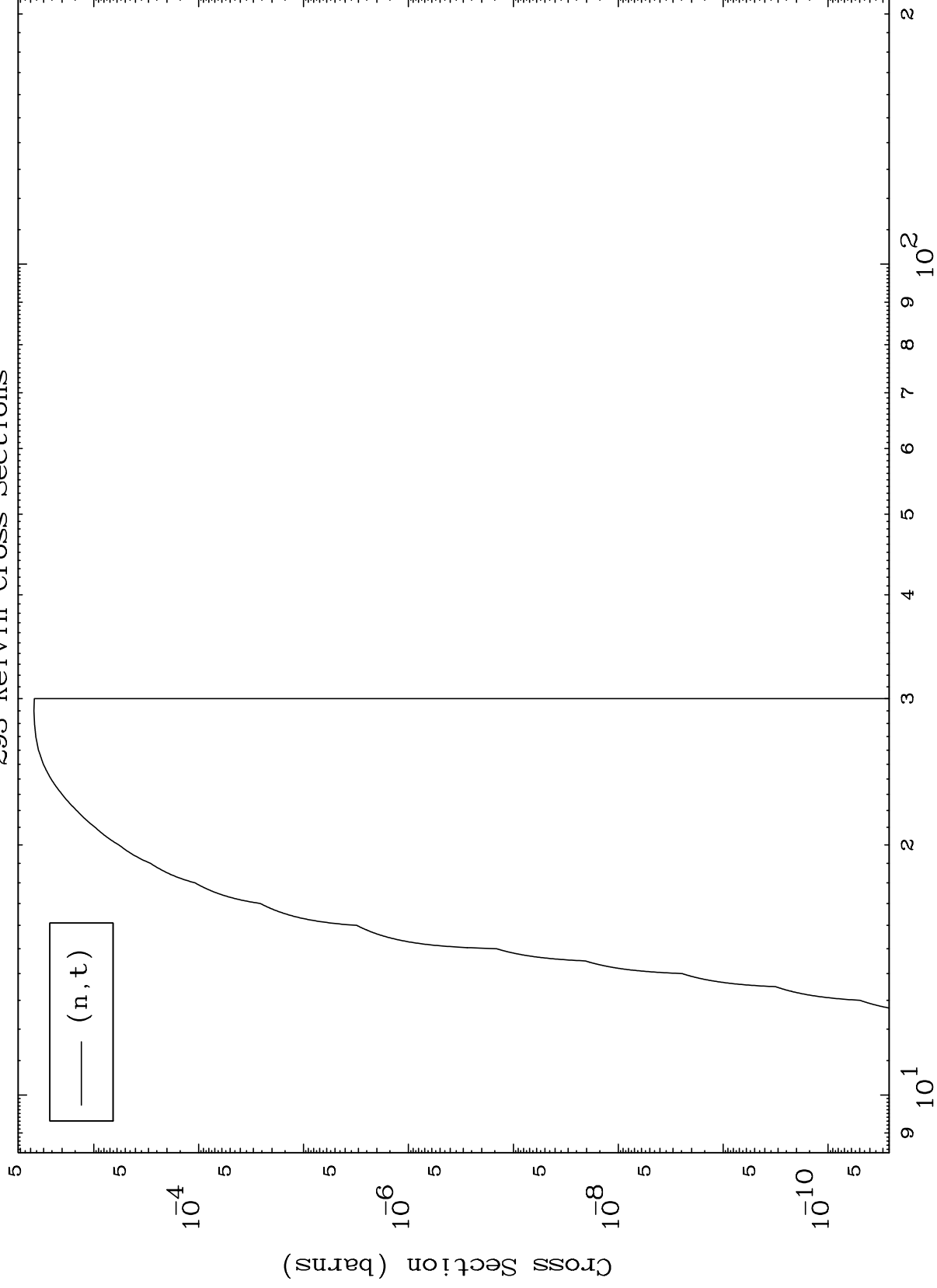
Incident Energy (MeV)

50-Sn-123m

MAT 5059

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-123m



12

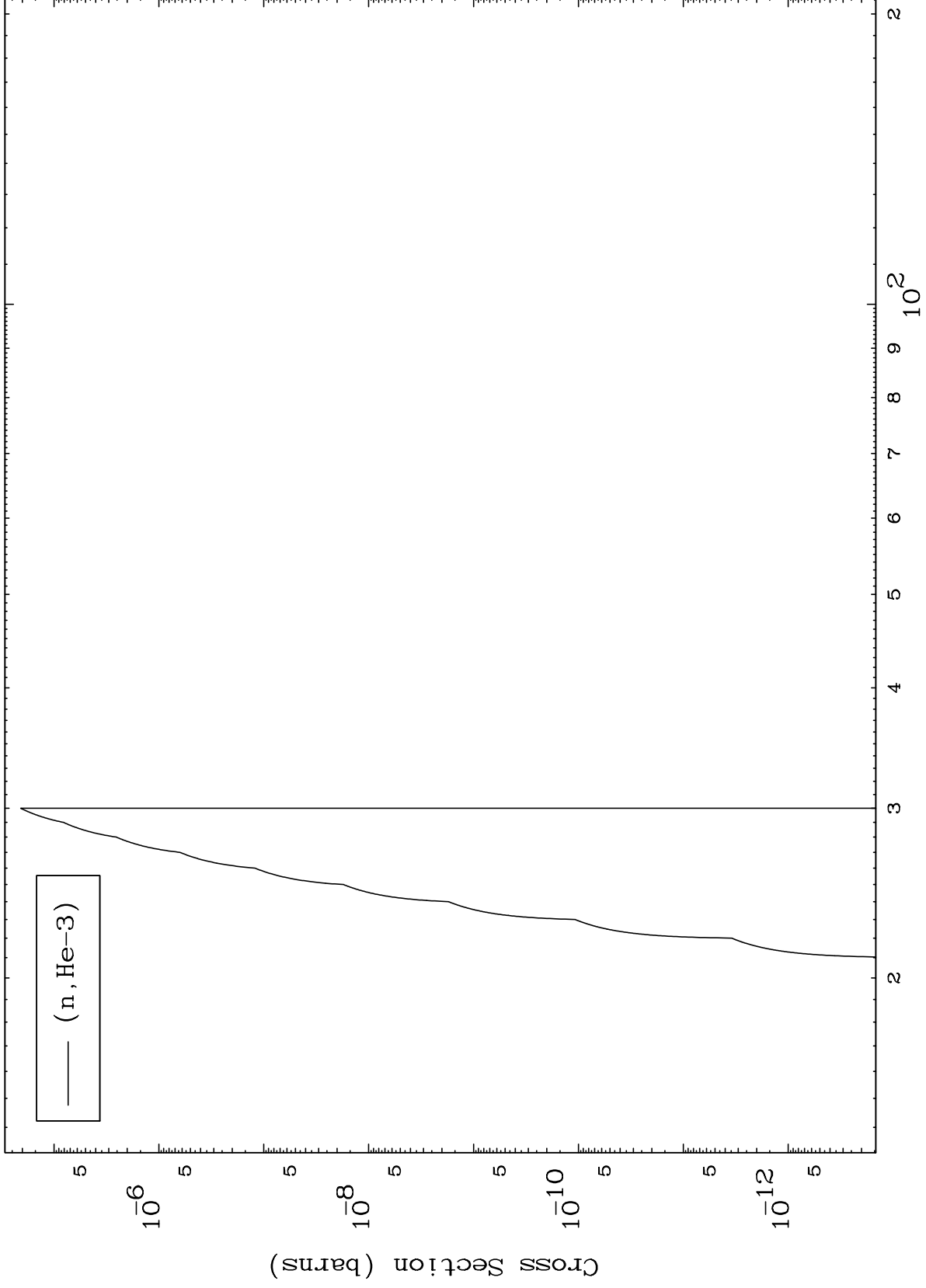
Incident Energy (MeV)

50-Sn-123m

MAT 5059

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-123m



13

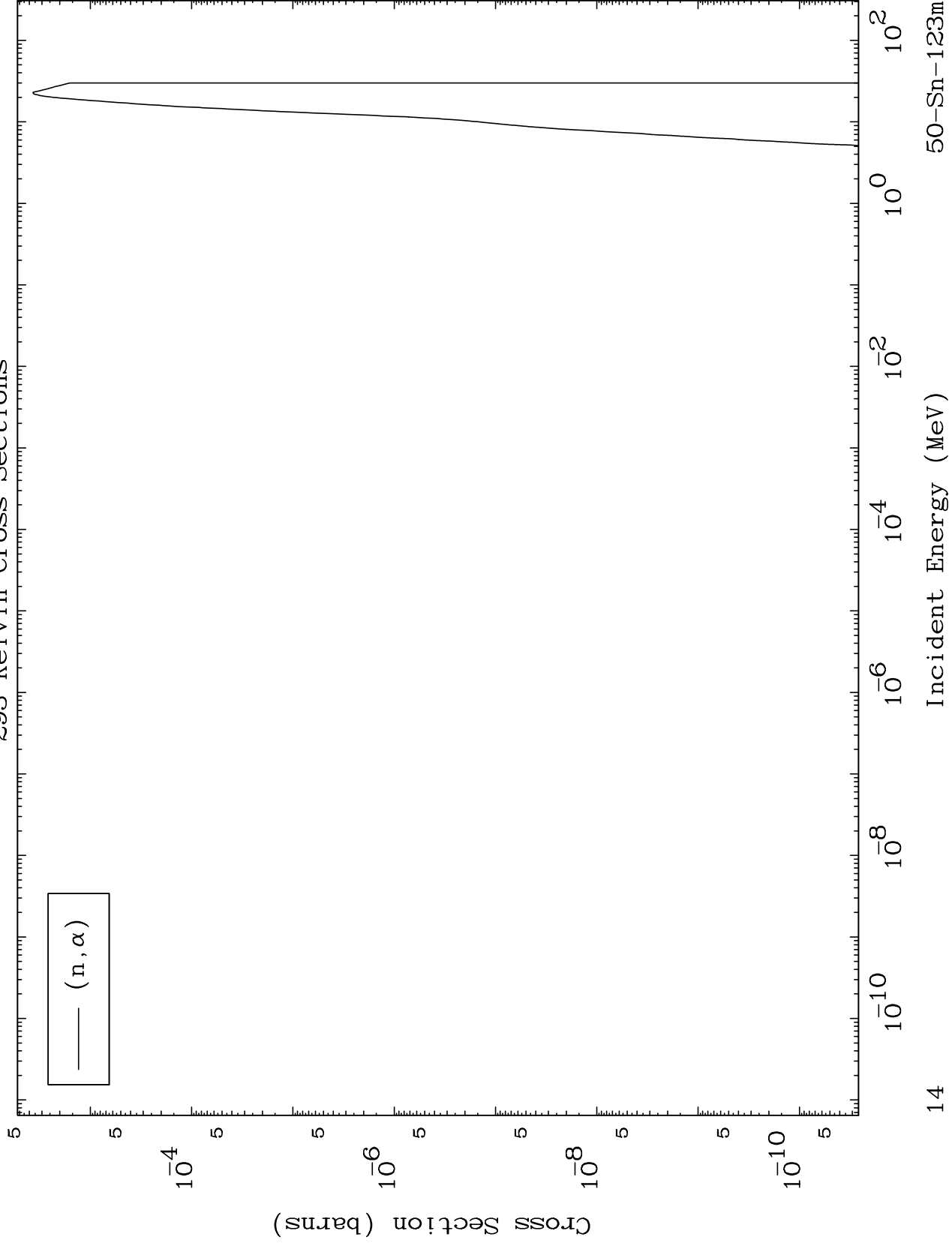
Incident Energy (MeV)

50-Sn-123m

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(n, α) Levels
293 Kelvin Cross Sections

50-Sn-123m



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Elastic
Legendre Coefficients

50-Sn-123m



50-Sn-123m

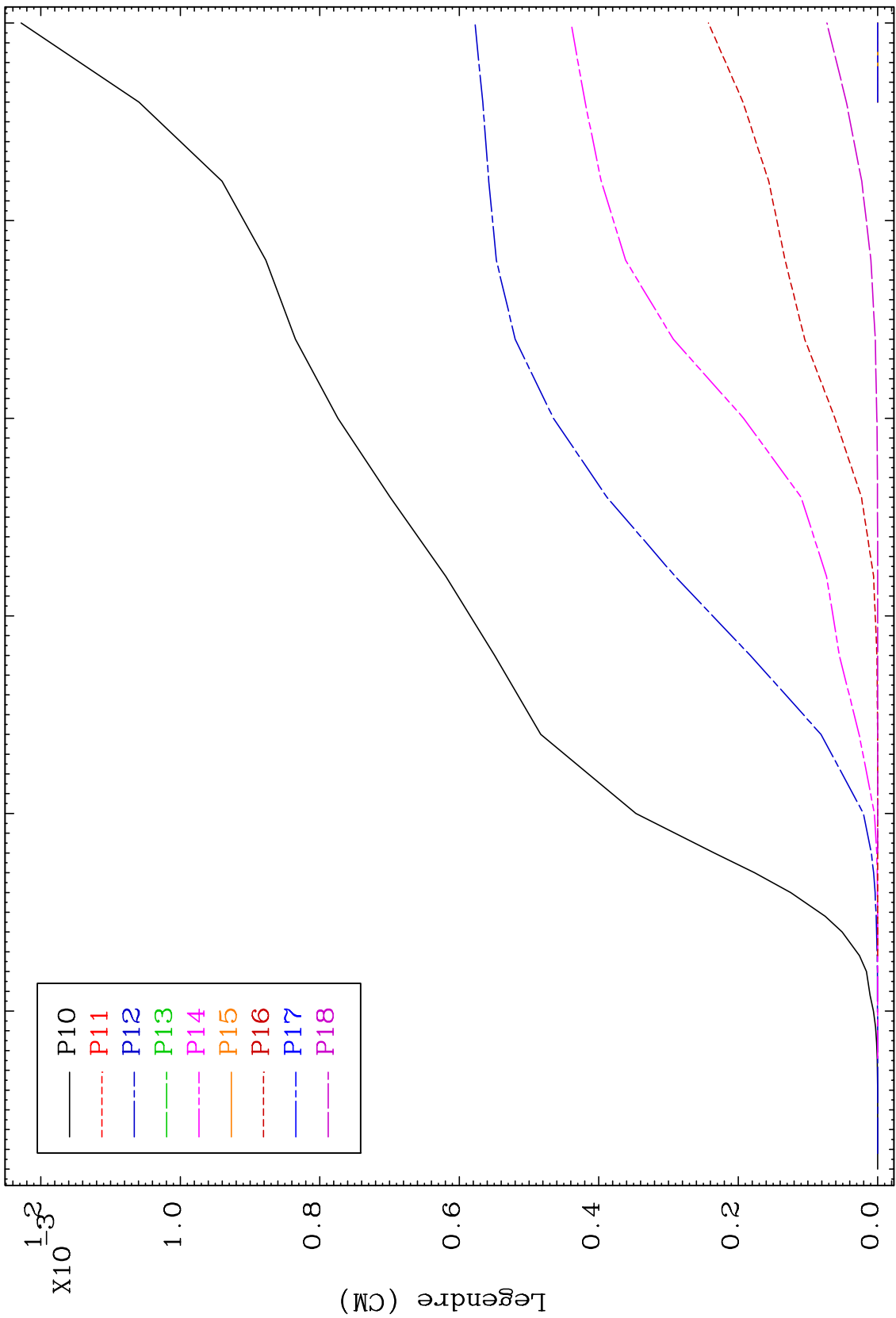
Incident Energy (MeV)

15

MAT 5059

Elastic Legendre Coefficients

50-Sn-123m



16

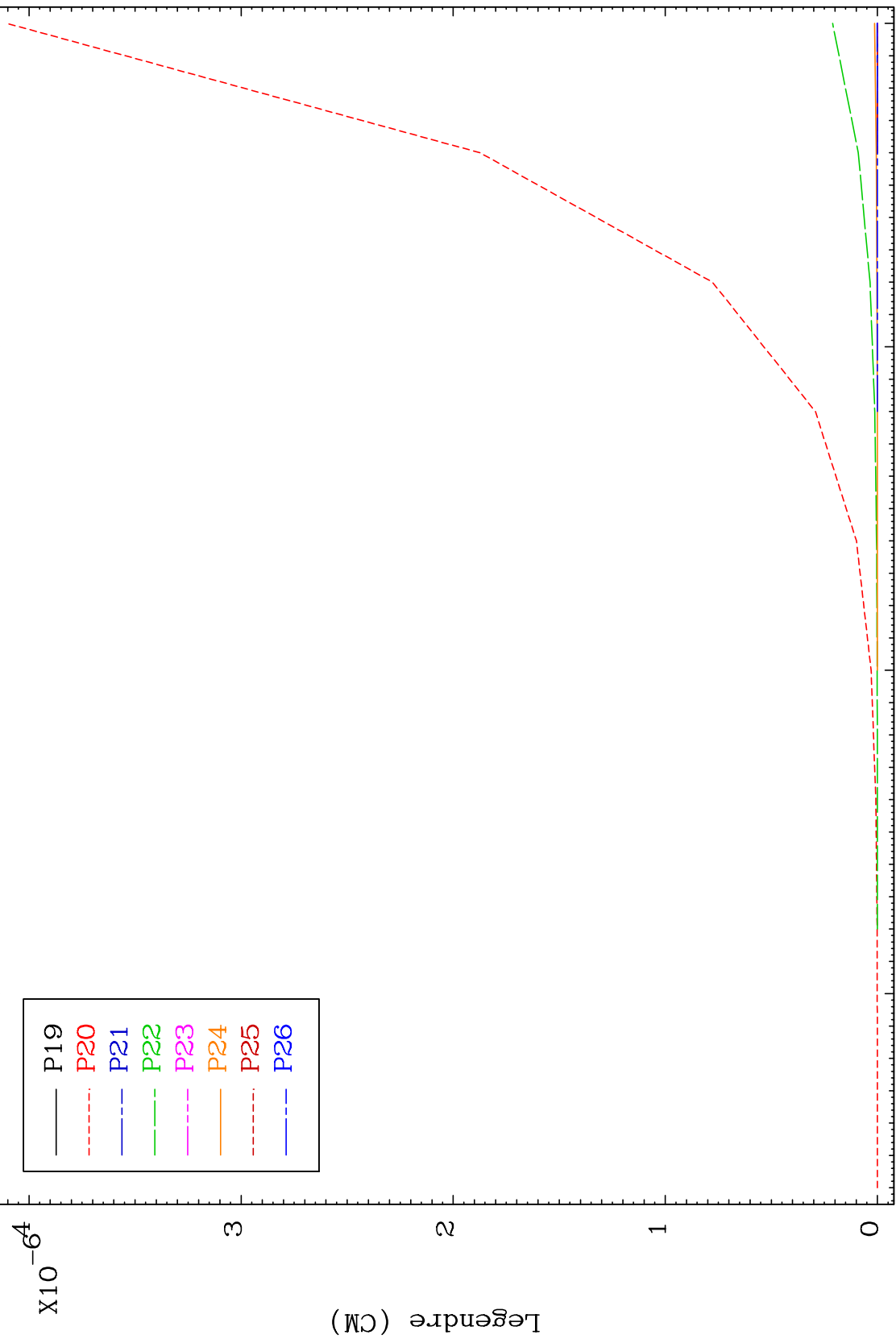
Incident Energy (MeV)

50-Sn-123m

MAT 5059

Elastic Legendre Coefficients

50-Sn-123m



17

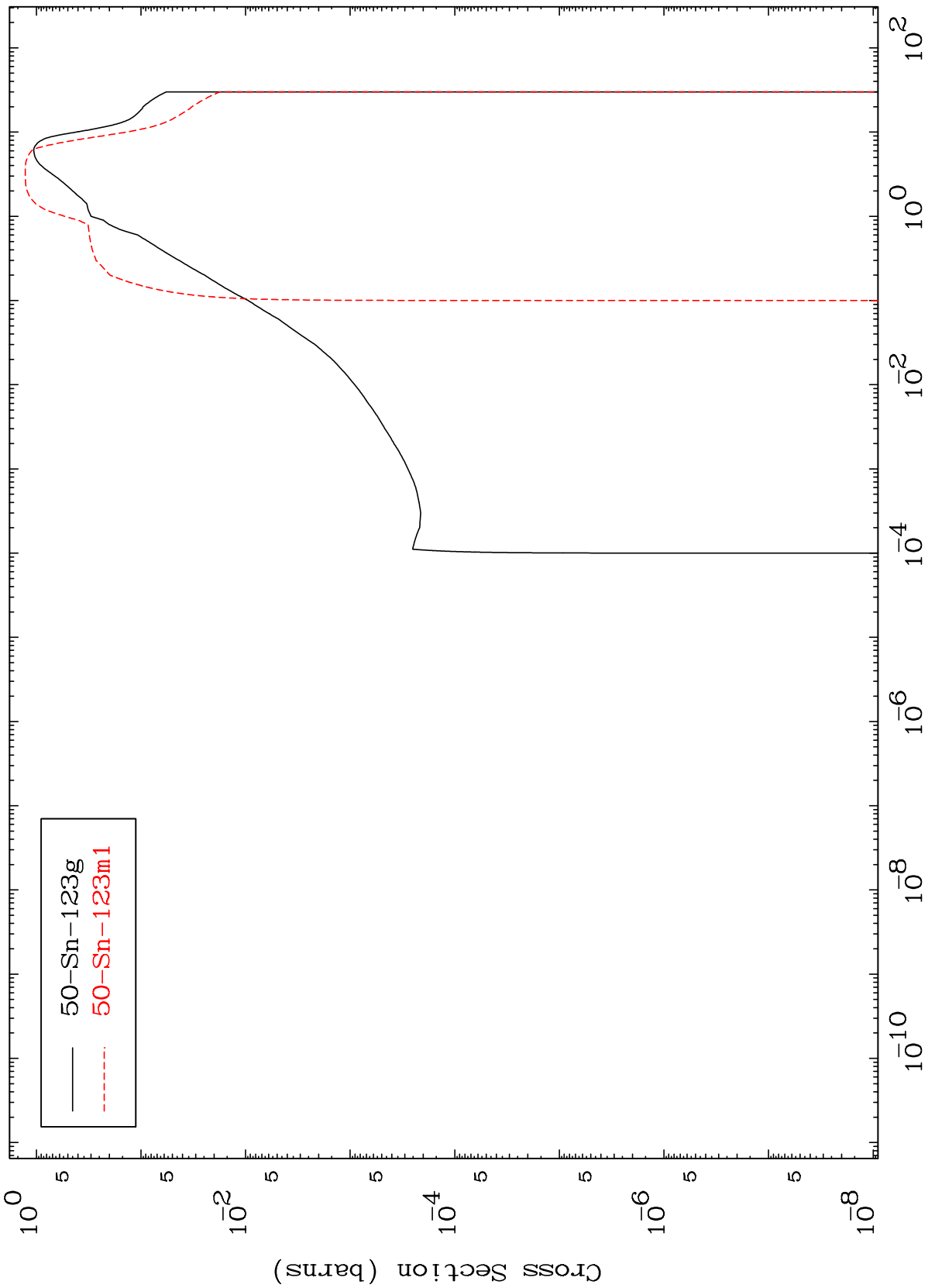
Incident Energy (MeV)

50-Sn-123m

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50-Sn-123m

Inelastic
Radionuclide Production Cross Section



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

50-Sn-123m

Incident Energy (MeV)

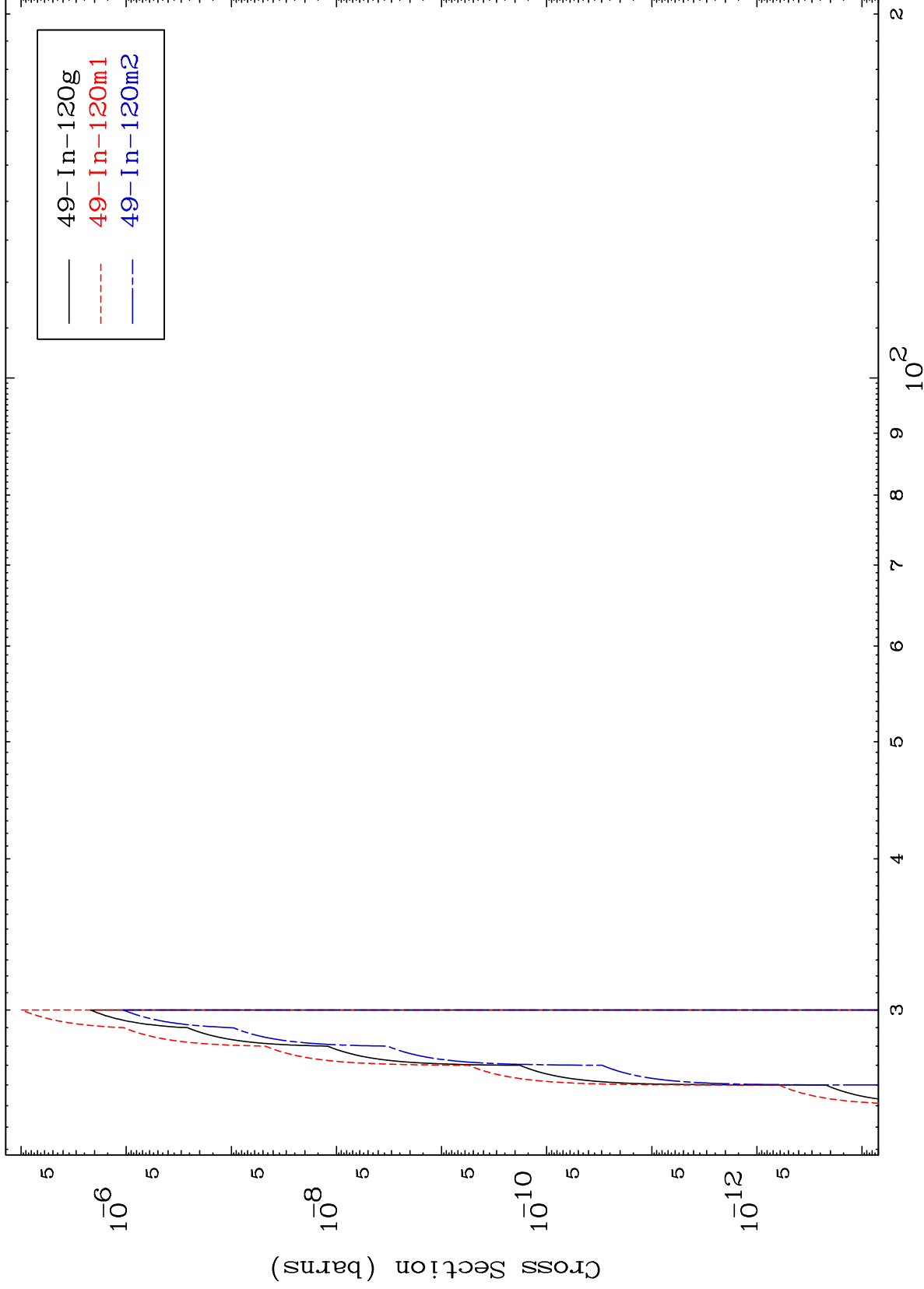
18

MAT 5059

(n,2n) d

50-Sn-123m

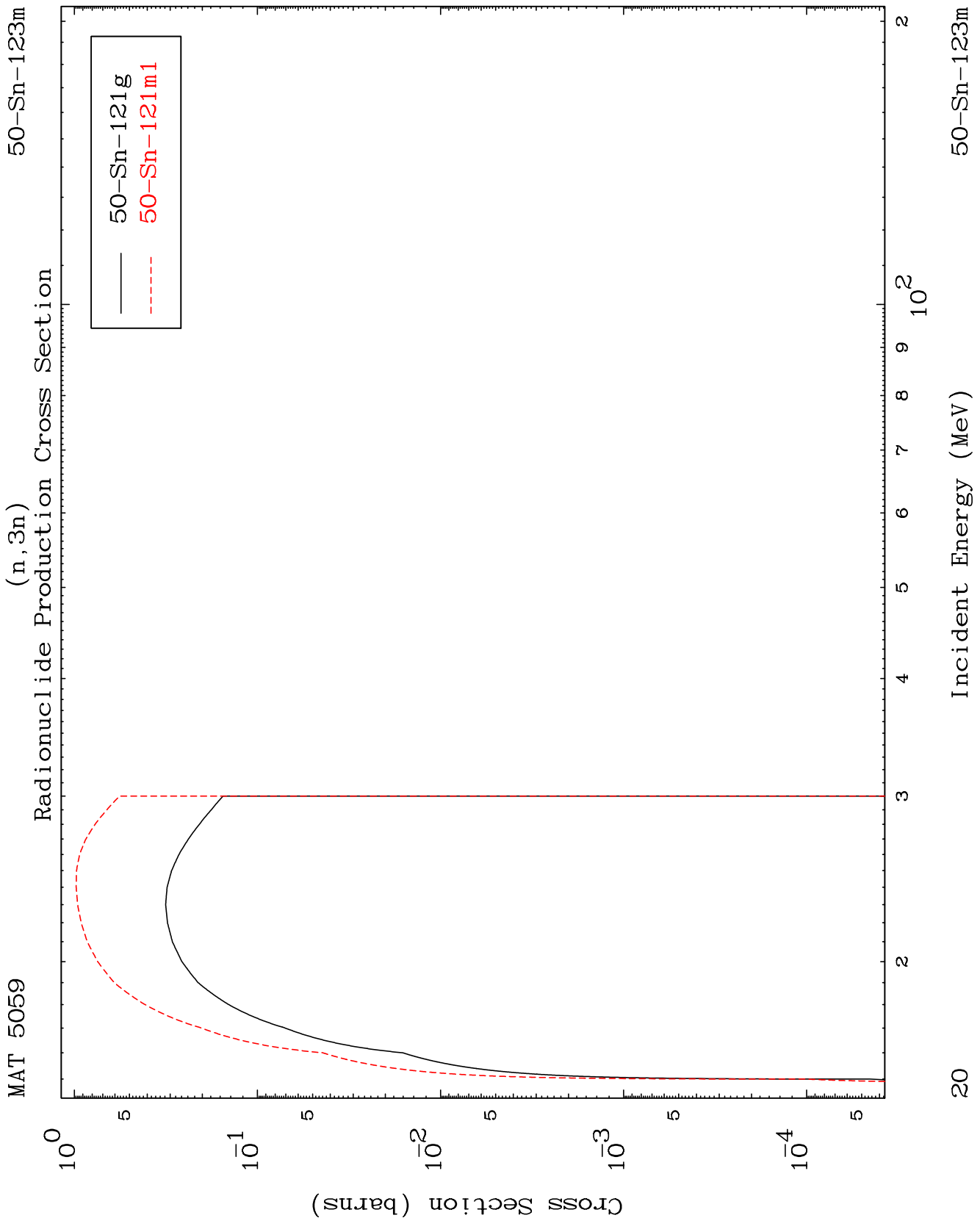
Radionuclide Production Cross Section



19

Incident Energy (MeV)

50-Sn-123m

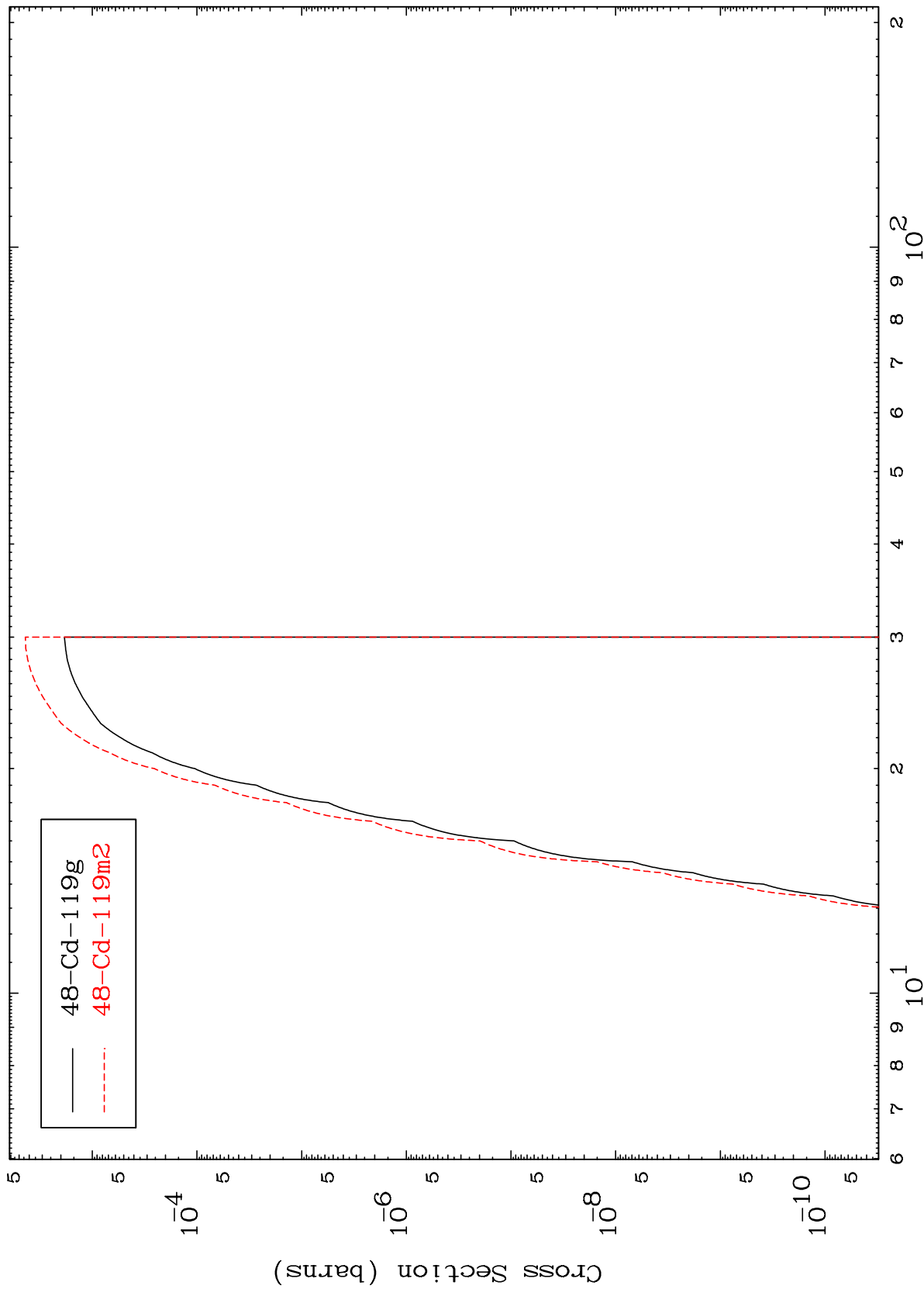


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(n,n') α

50-Sn-123m

Radionuclide Production Cross Section

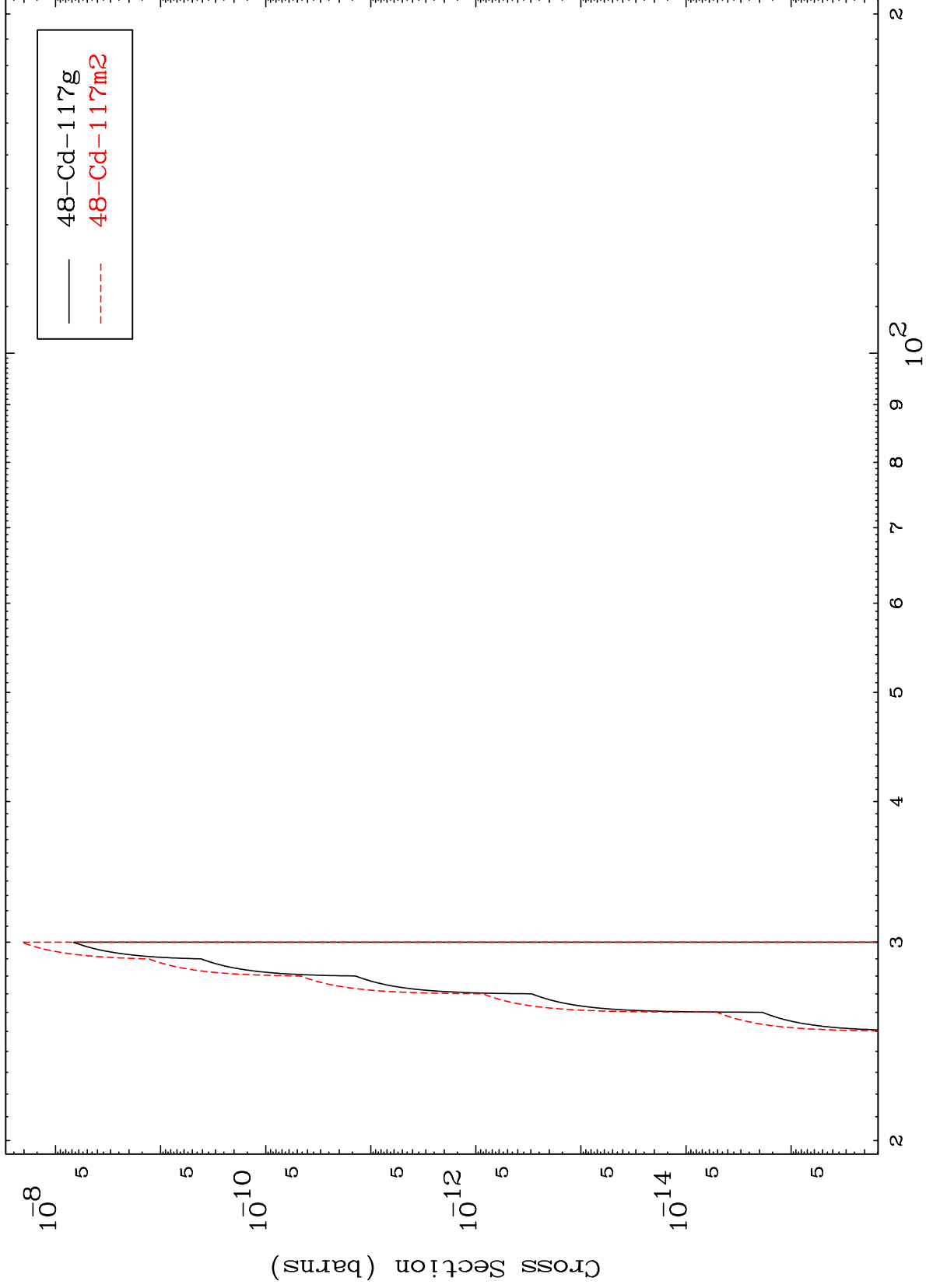


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(n,3n) α

50-Sn-123m

Radionuclide Production Cross Section

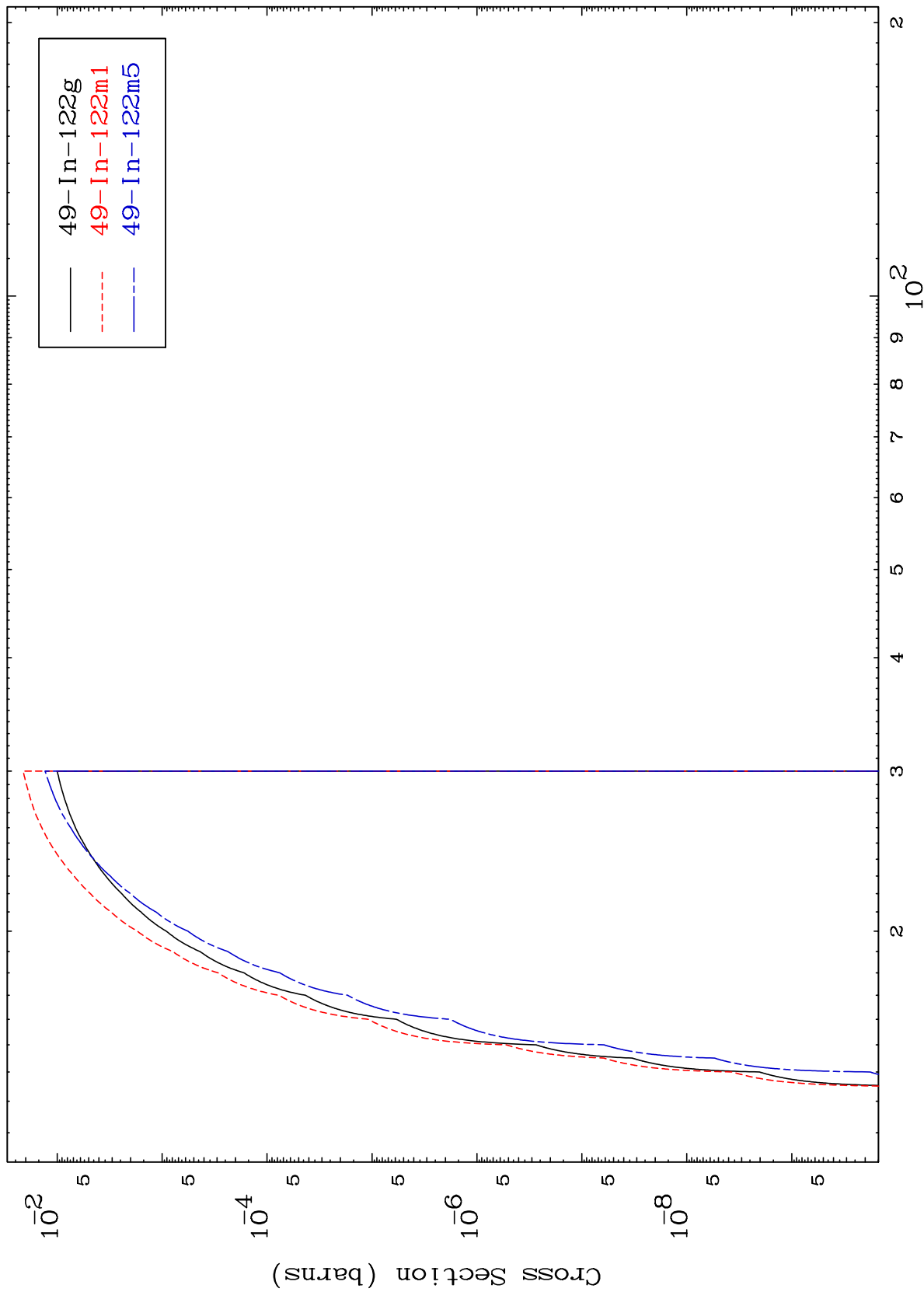


22

Incident Energy (MeV)

50-Sn-123m

Radionuclide Production Cross Section

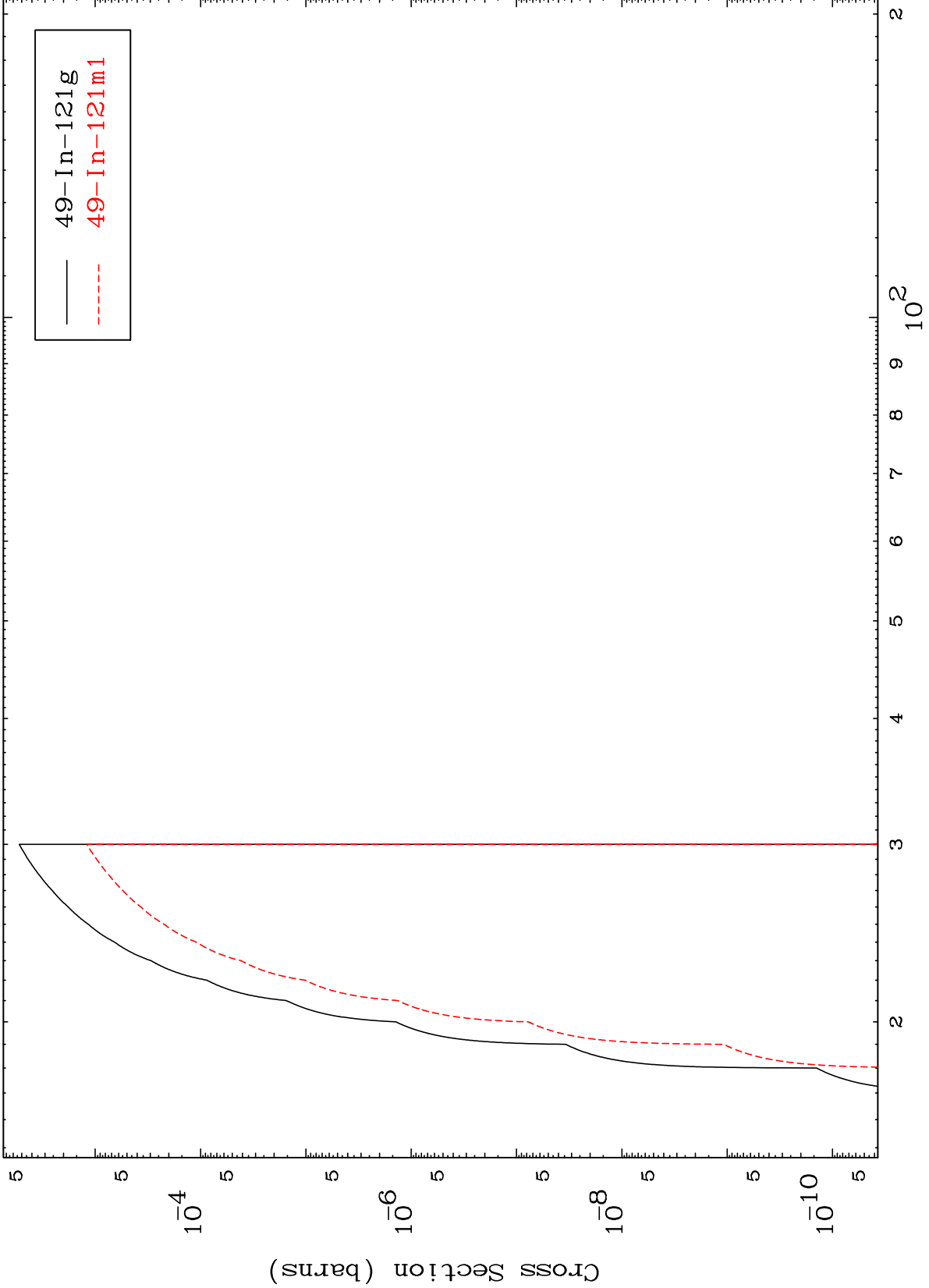


MAT 5059

(n,n') d

50-Sn-123m

Radionuclide Production Cross Section

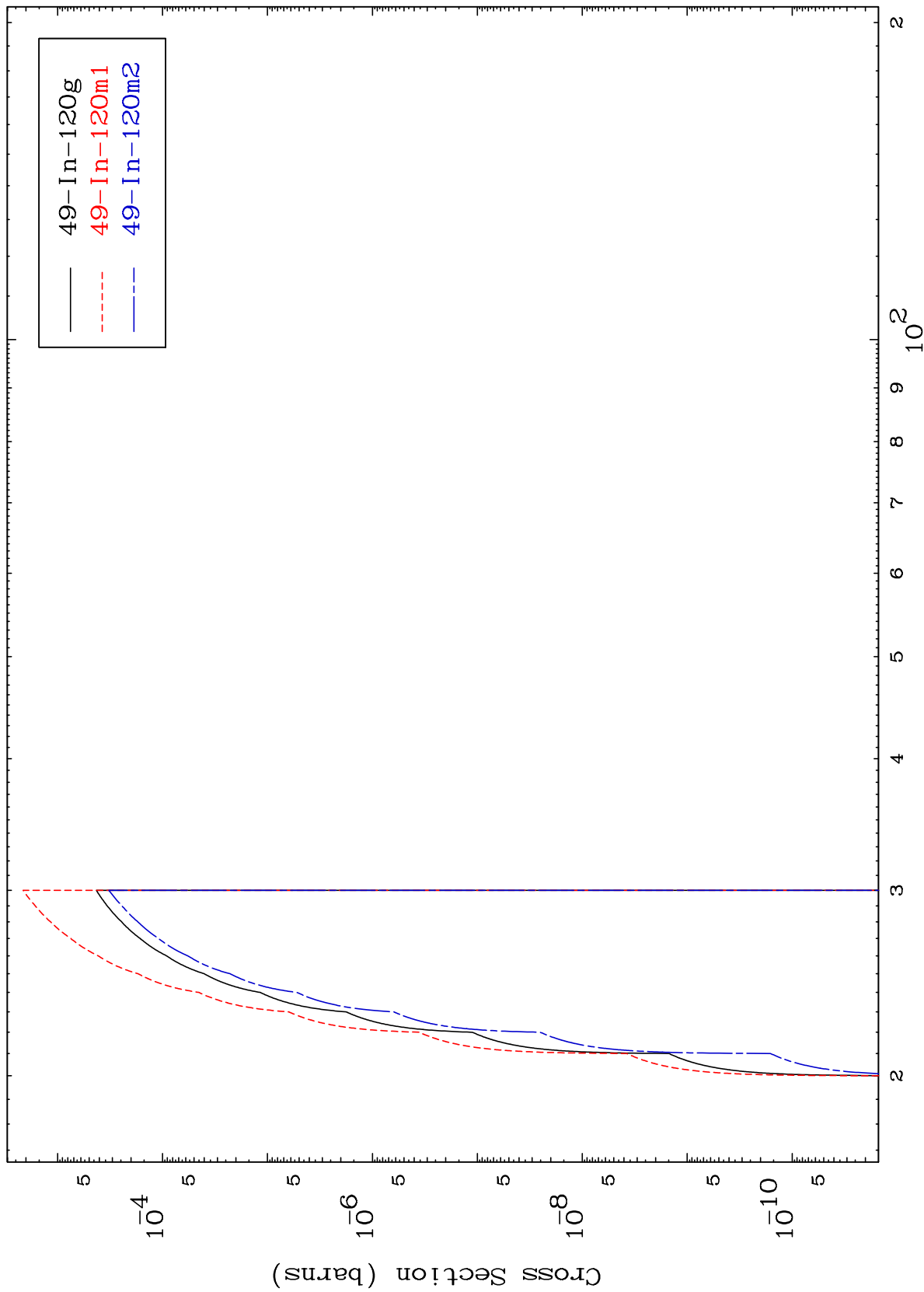


24

Incident Energy (MeV)

50-Sn-123m

Radionuclide Production Cross Section

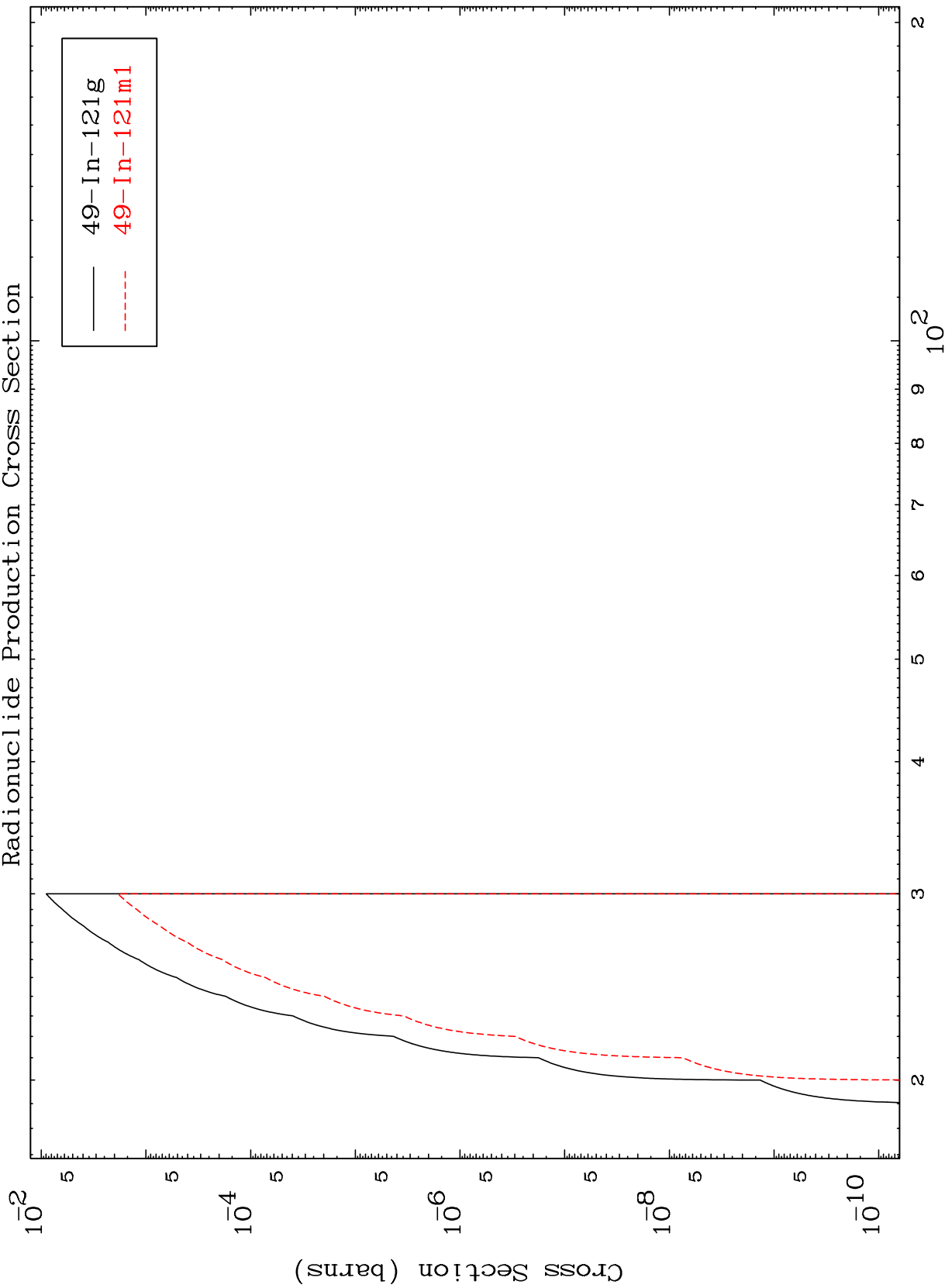


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(n,2n) p

50-Sn-123m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

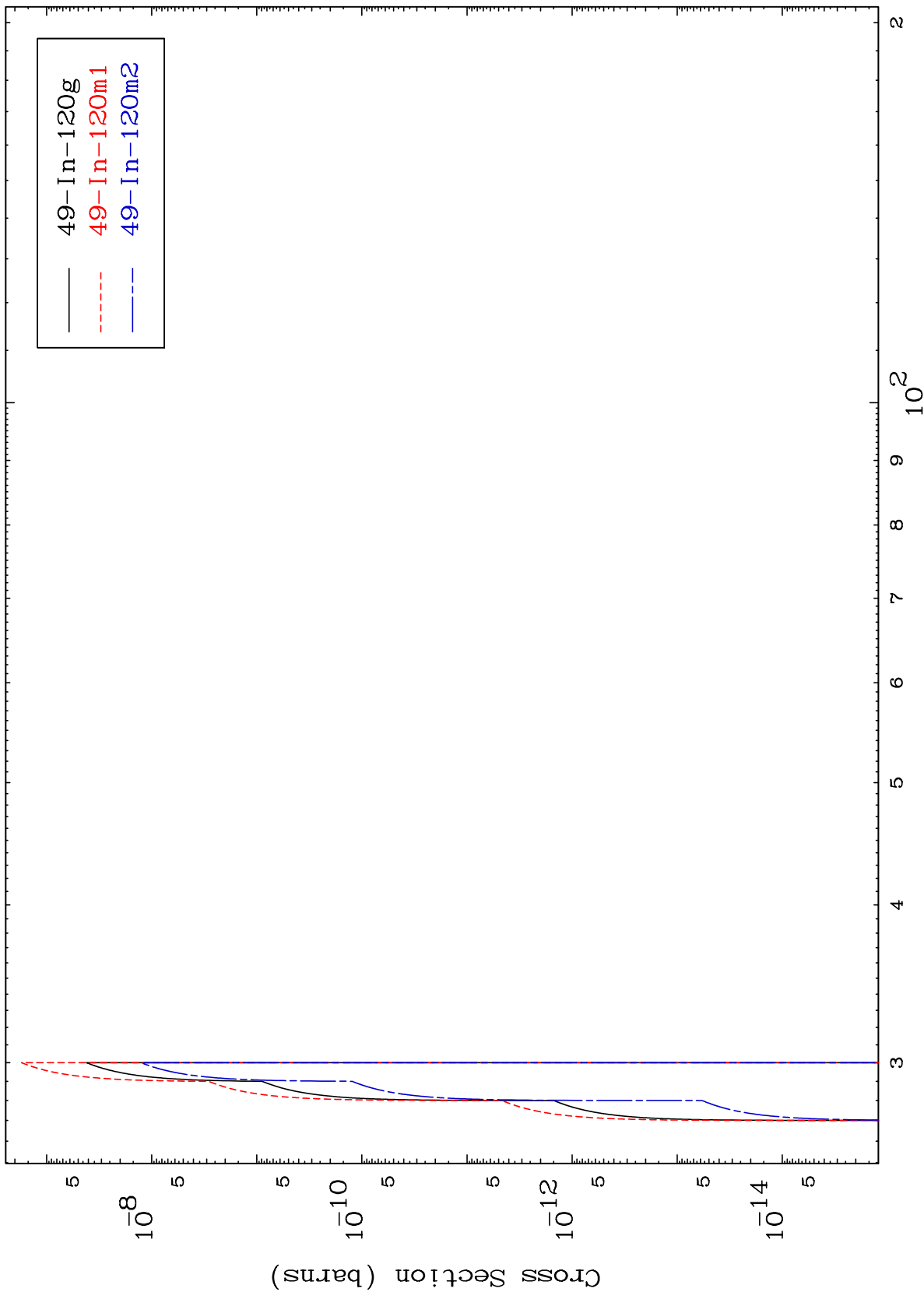
50-Sn-123m

MAT 5059

(n,3n) p

50-Sn-123m

Radionuclide Production Cross Section



27

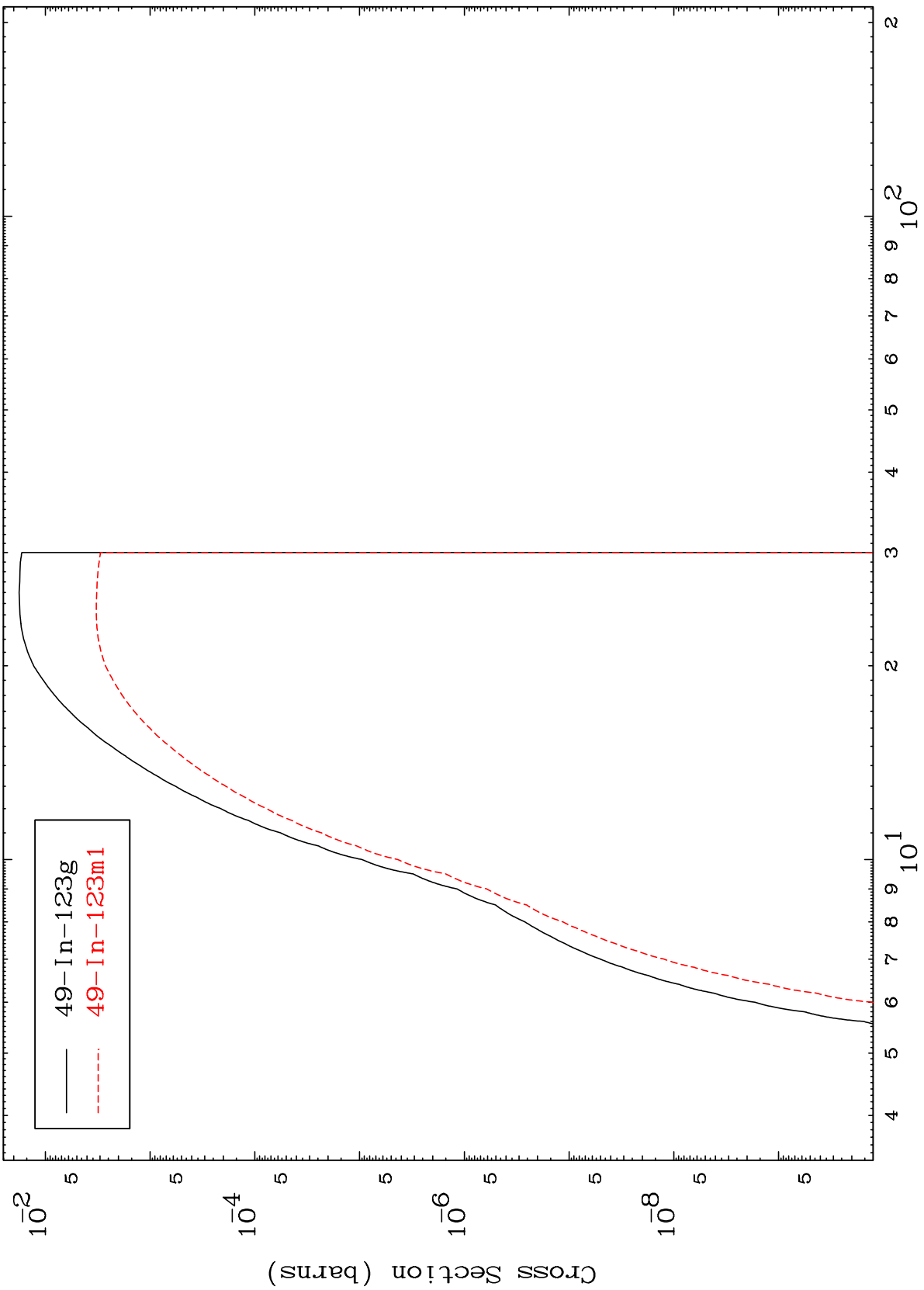
Incident Energy (MeV)

50-Sn-123m

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50-Sn-123m

(n,p)
Radionuclide Production Cross Section



28

50-Sn-123m

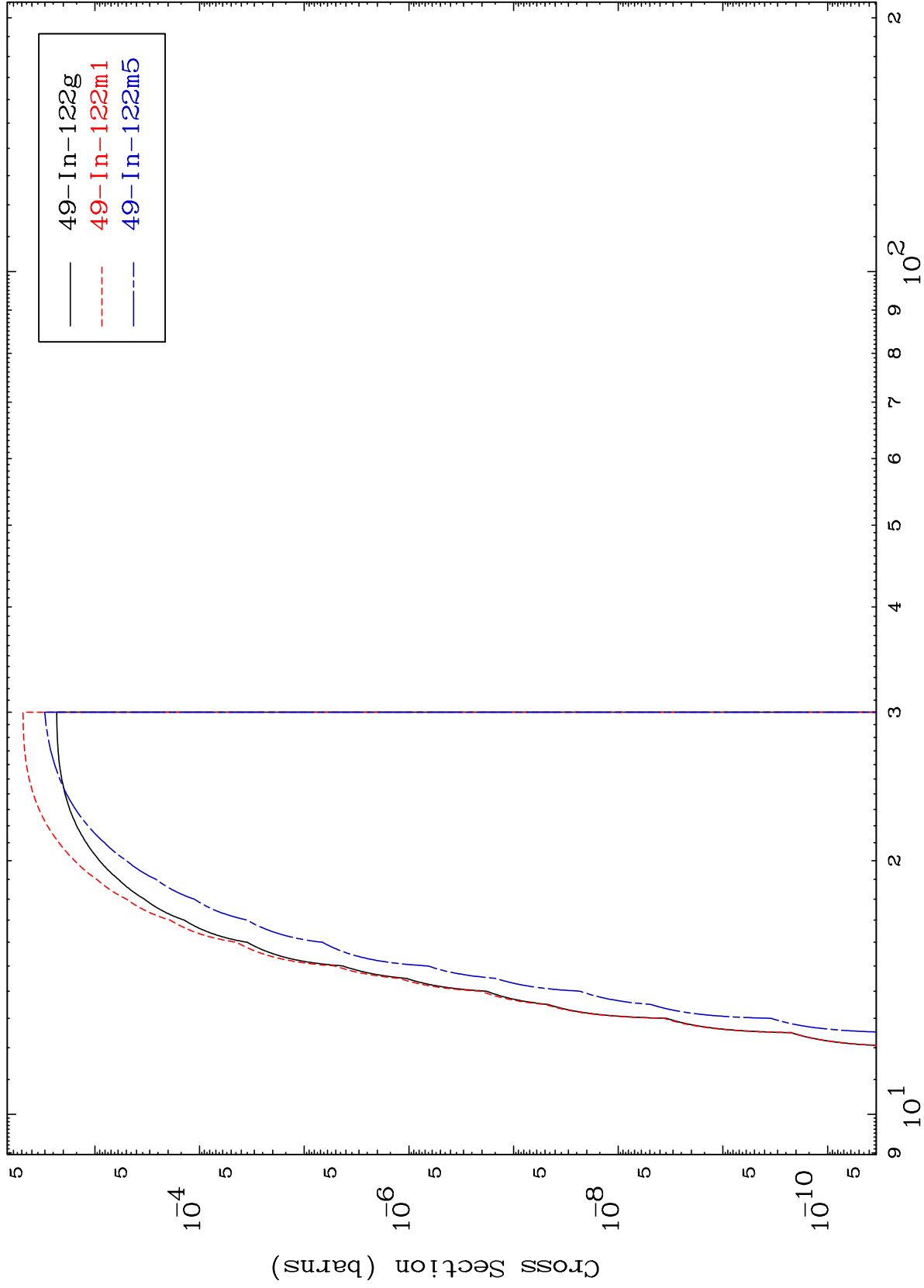
Incident Energy (MeV)

MAT 5059

(n,d)

50-Sn-123m

Radionuclide Production Cross Section



29

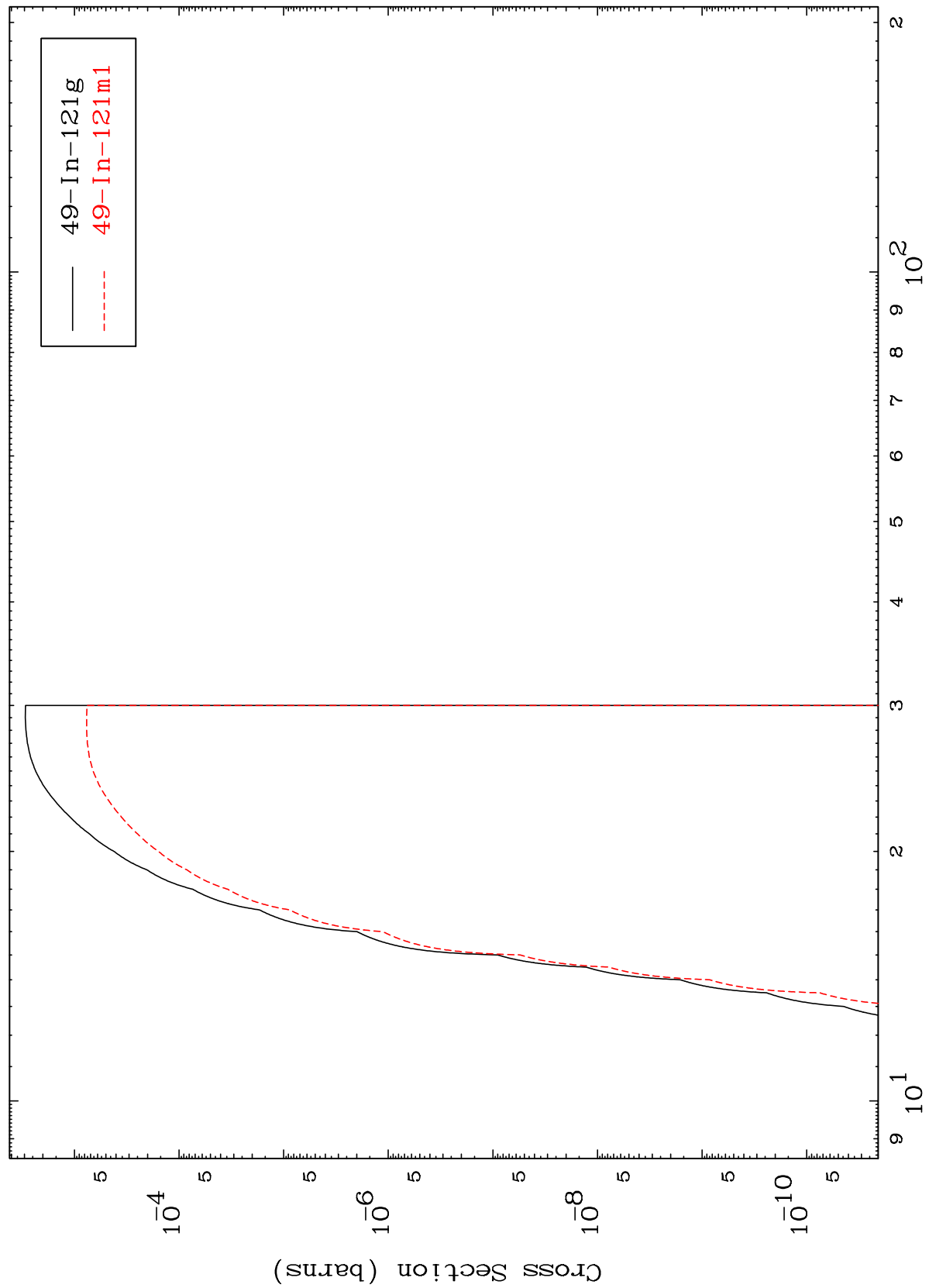
Incident Energy (MeV)

50-Sn-123m

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50-Sn-123m

(n,t)
Radionuclide Production Cross Section



50-Sn-123m

Incident Energy (MeV)

30

Radionuclide Production Cross Section

