

Program EVALPLOT
(Version 2021-1)

by

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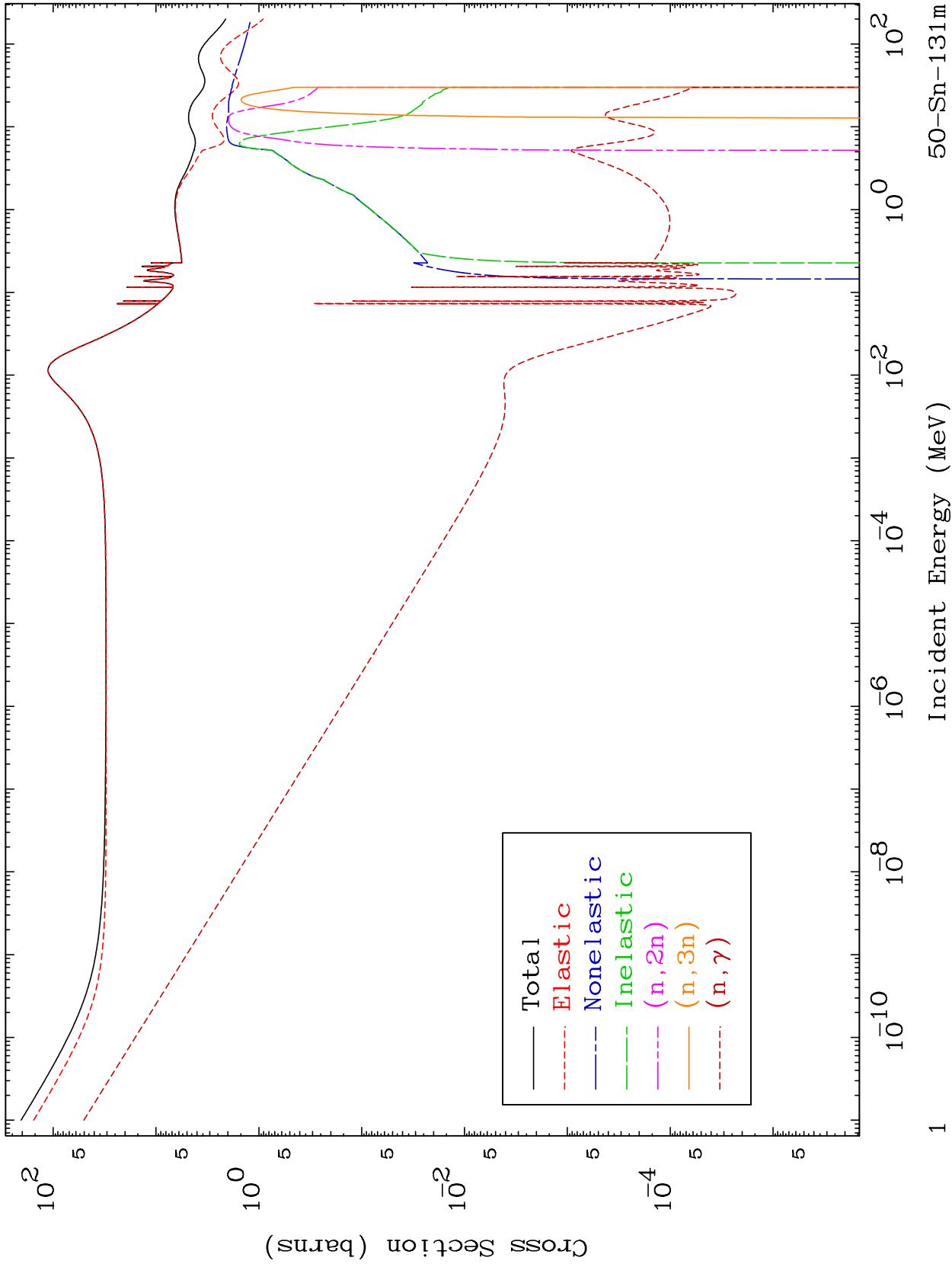
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Press Mouse Button to Start

MAT 5083

Neutron Major
293 Kelvin Cross Sections

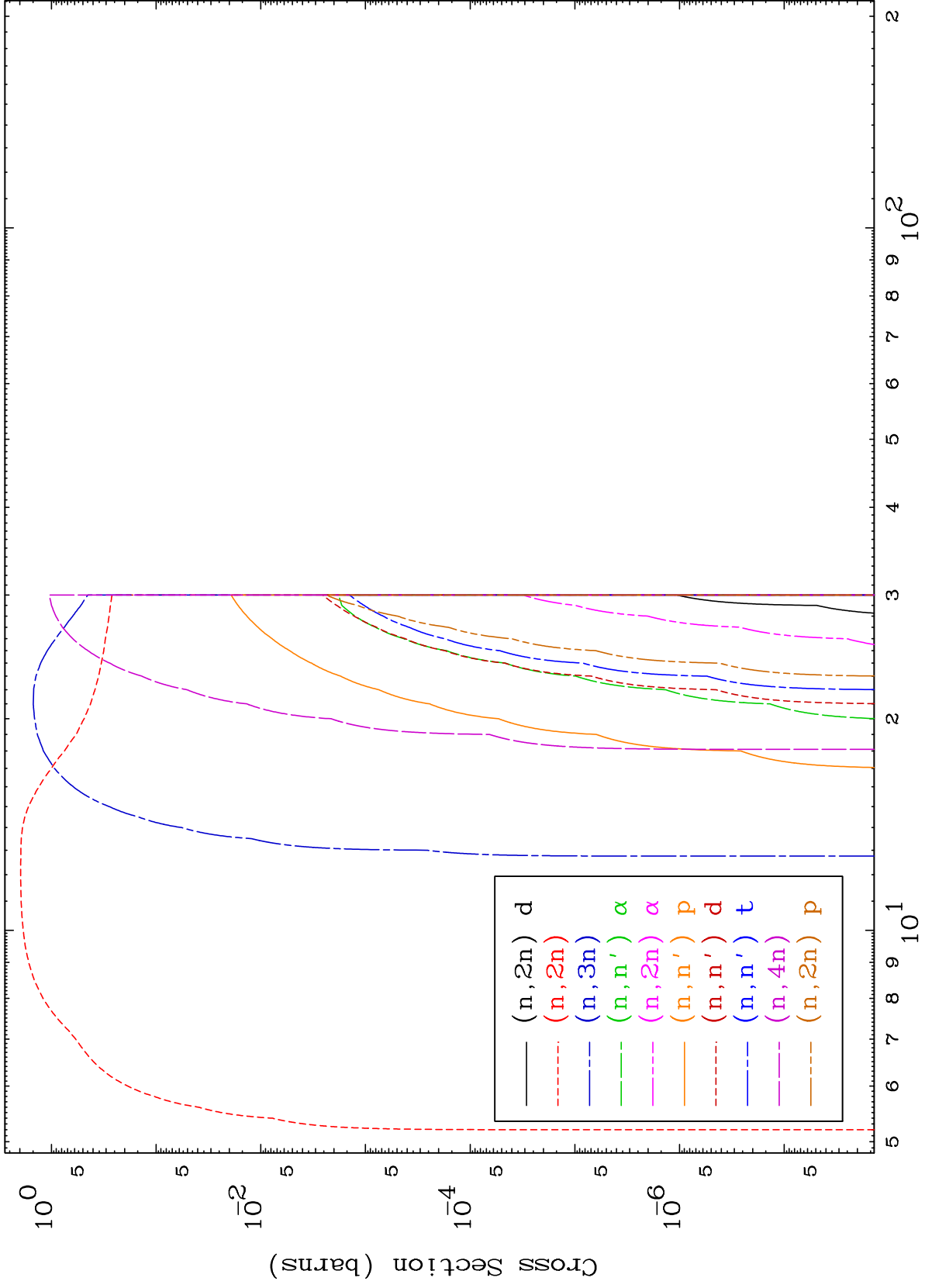
50-Sn-131m



MAT 5083

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-131m



2

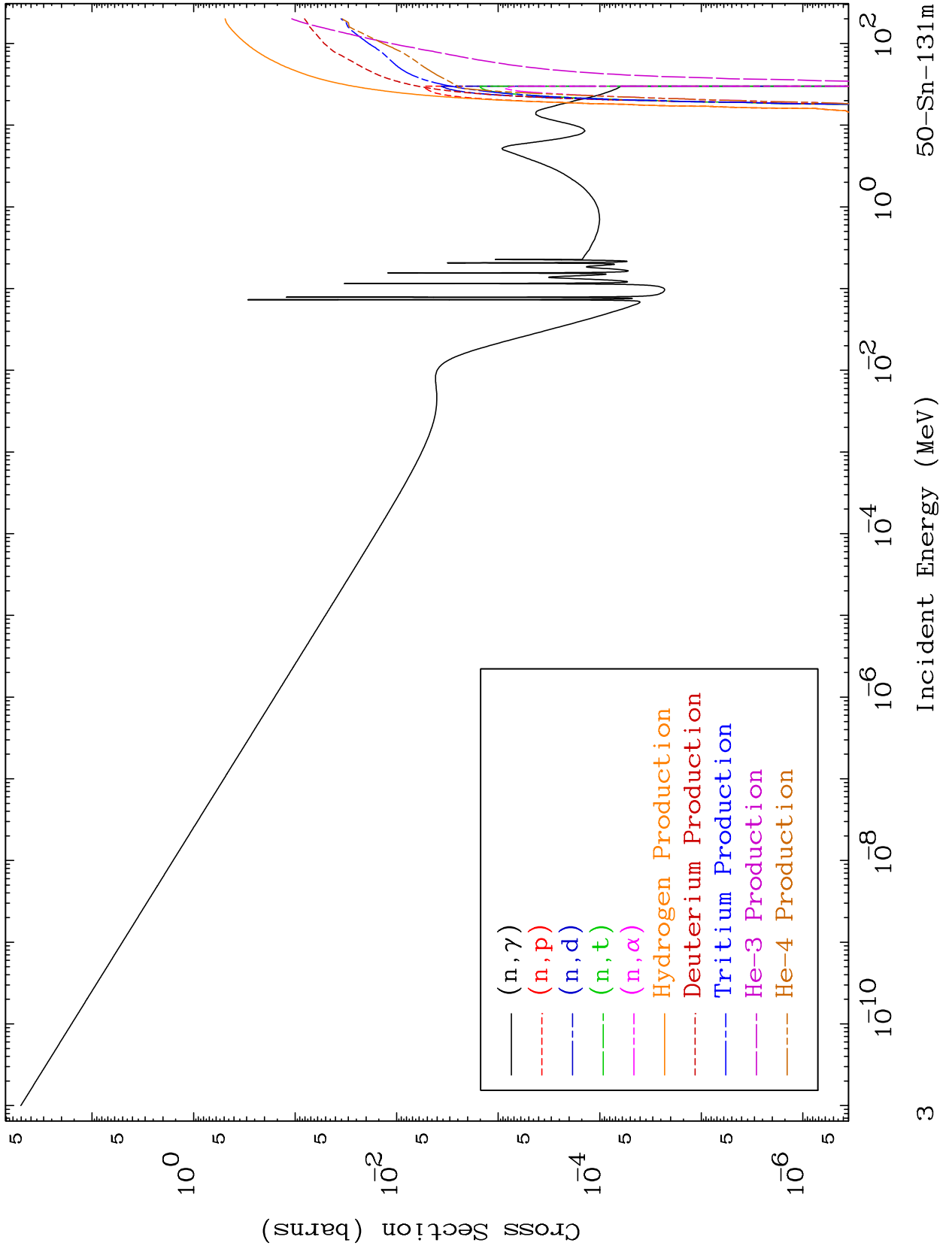
Incident Energy (MeV)

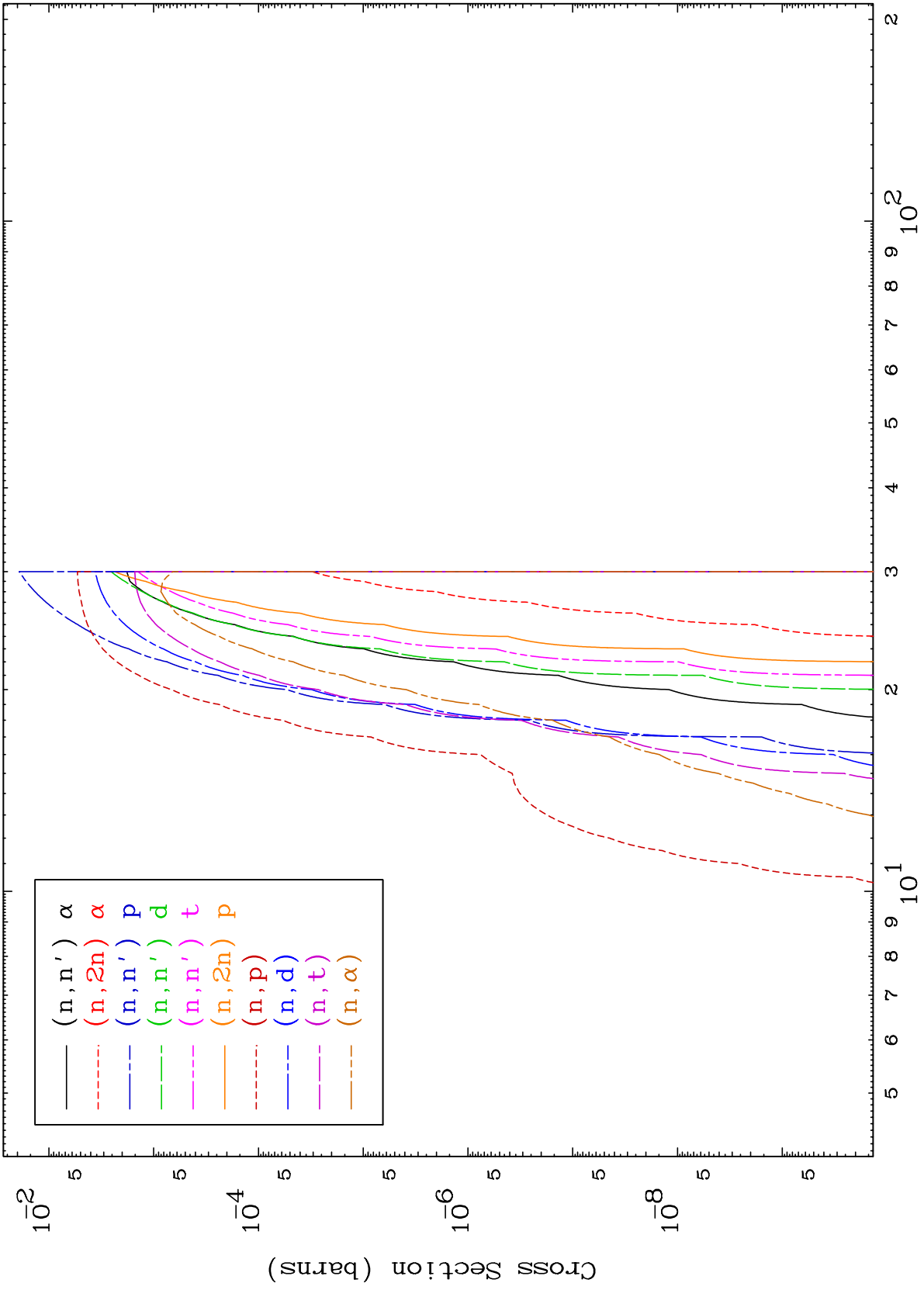
50-Sn-131m

MAT 5083

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-131m

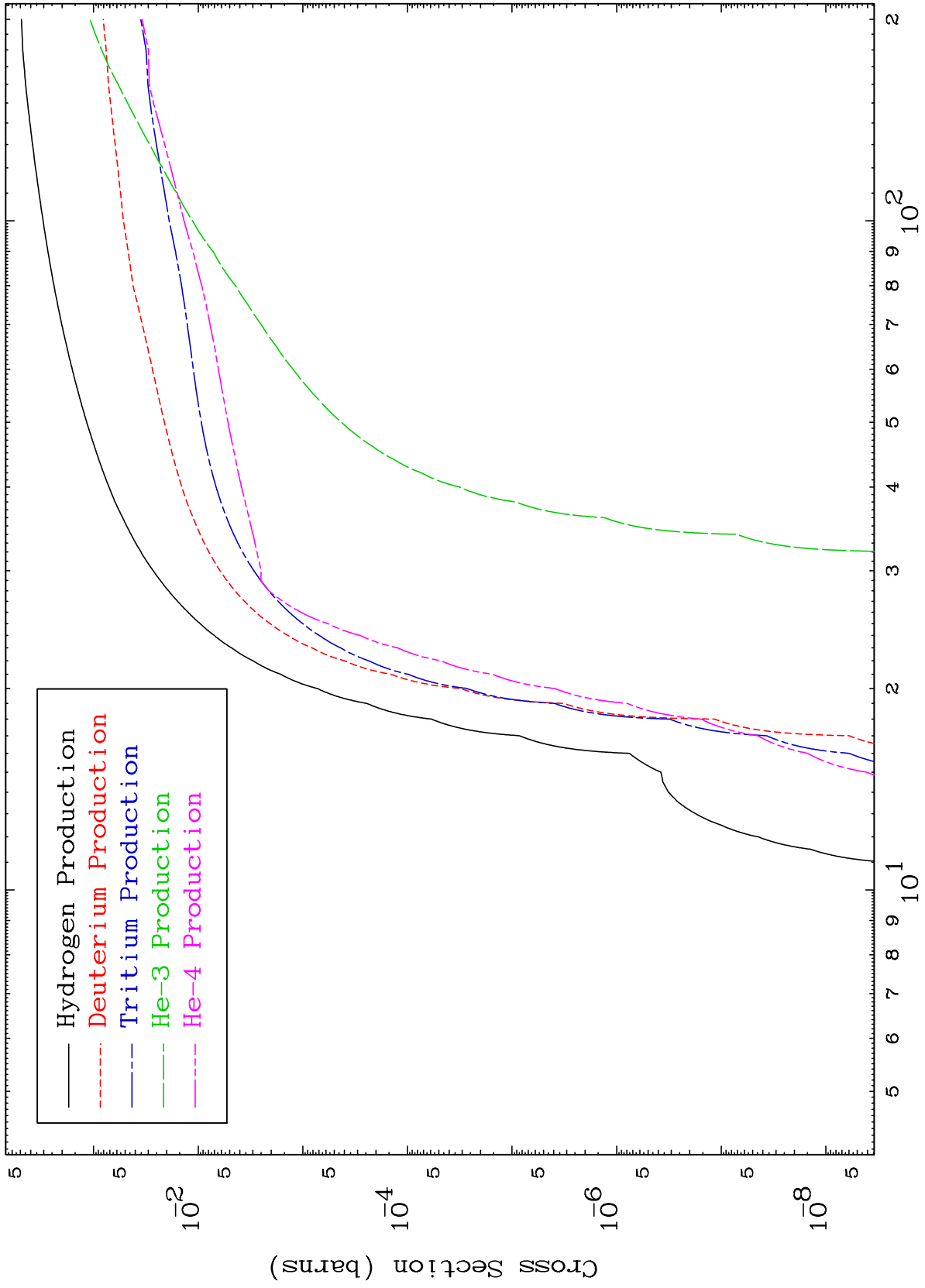




MAT 5083

Particle Production
293 Kelvin Cross Sections

50-Sn-131m



5

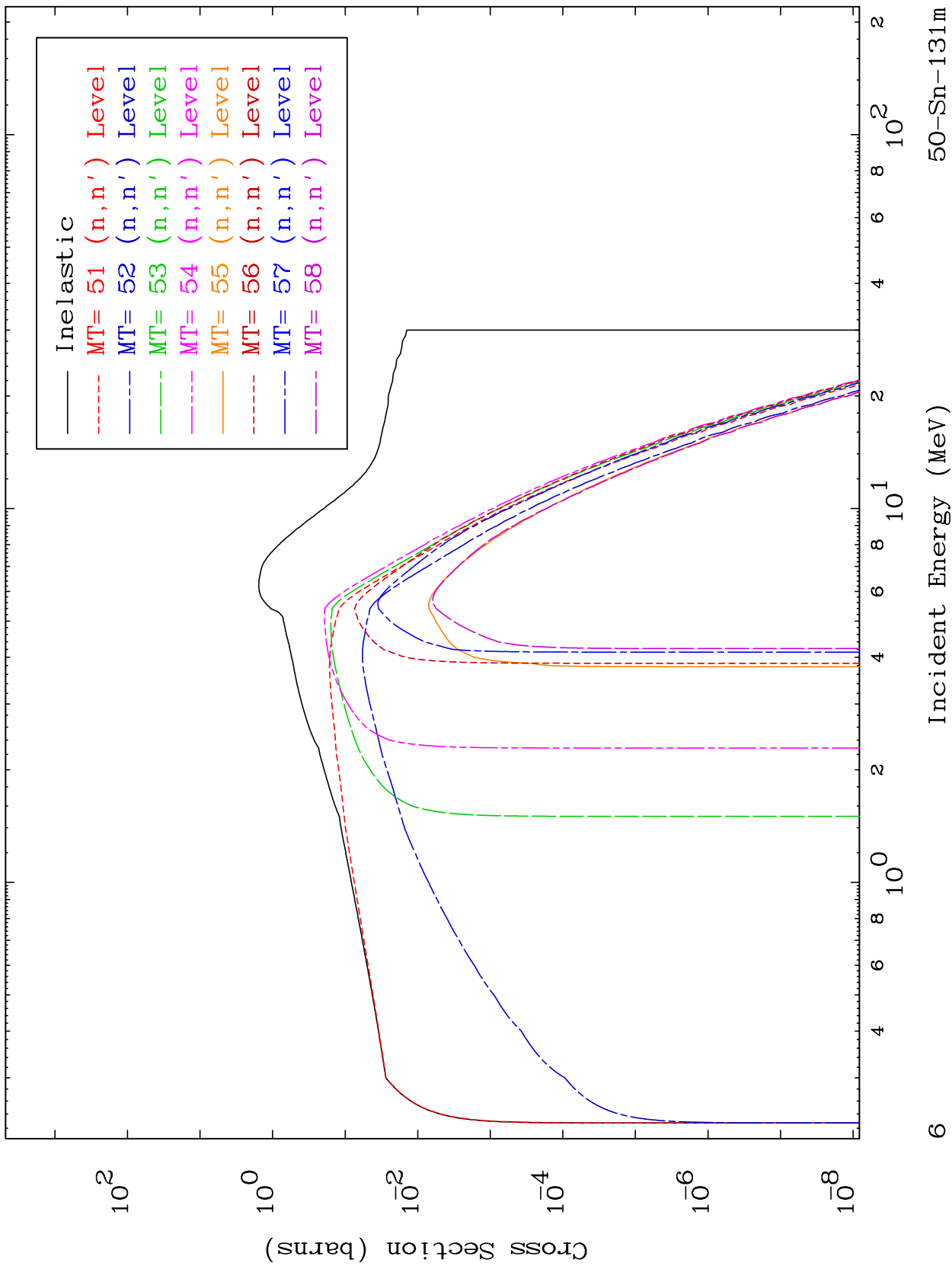
Incident Energy (MeV)

50-Sn-131m

MAT 5083

(n,n') Levels
293 Kelvin Cross Sections

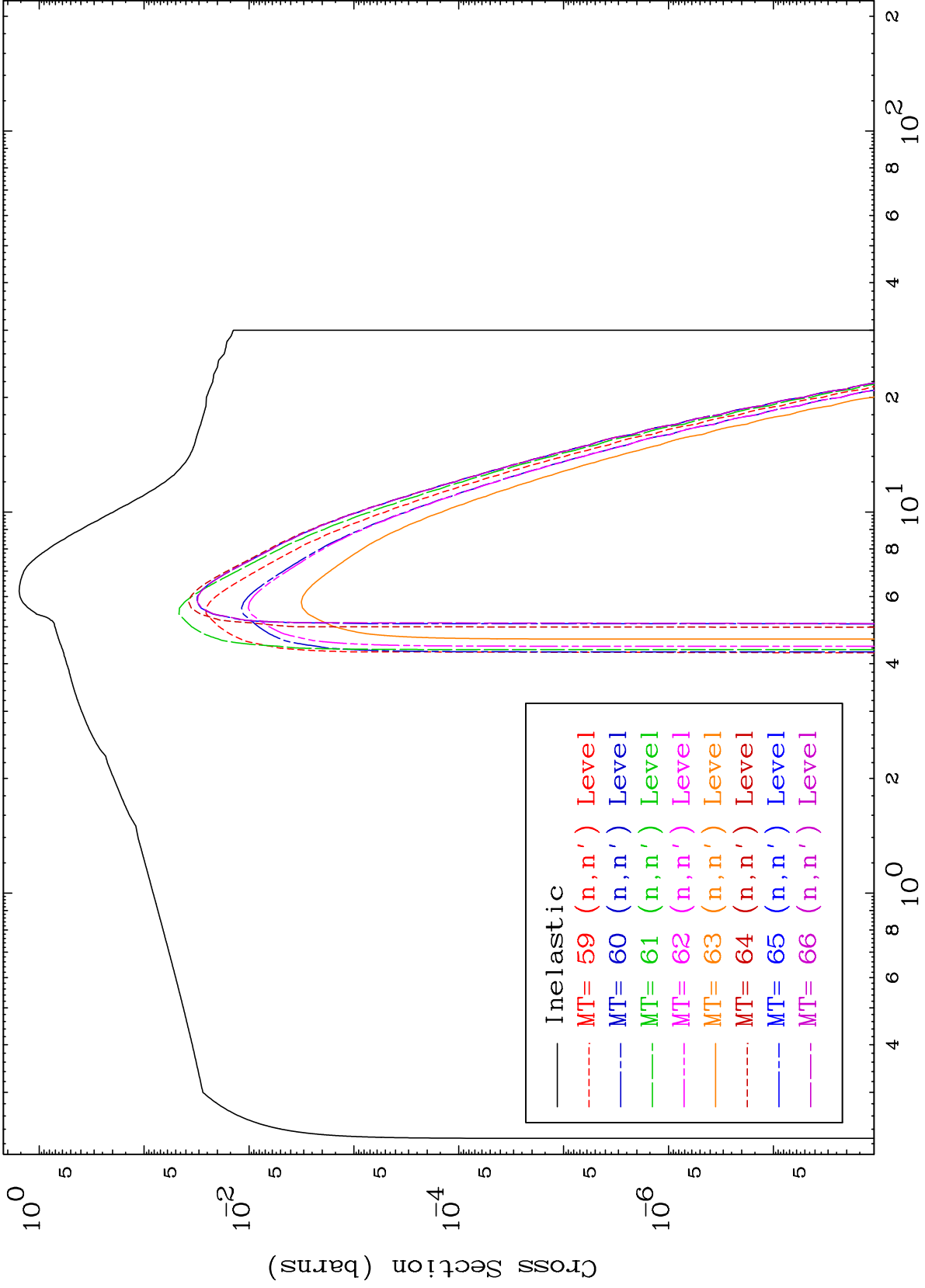
50-Sn-131m



MAT 5083

(n,n') Levels
293 Kelvin Cross Sections

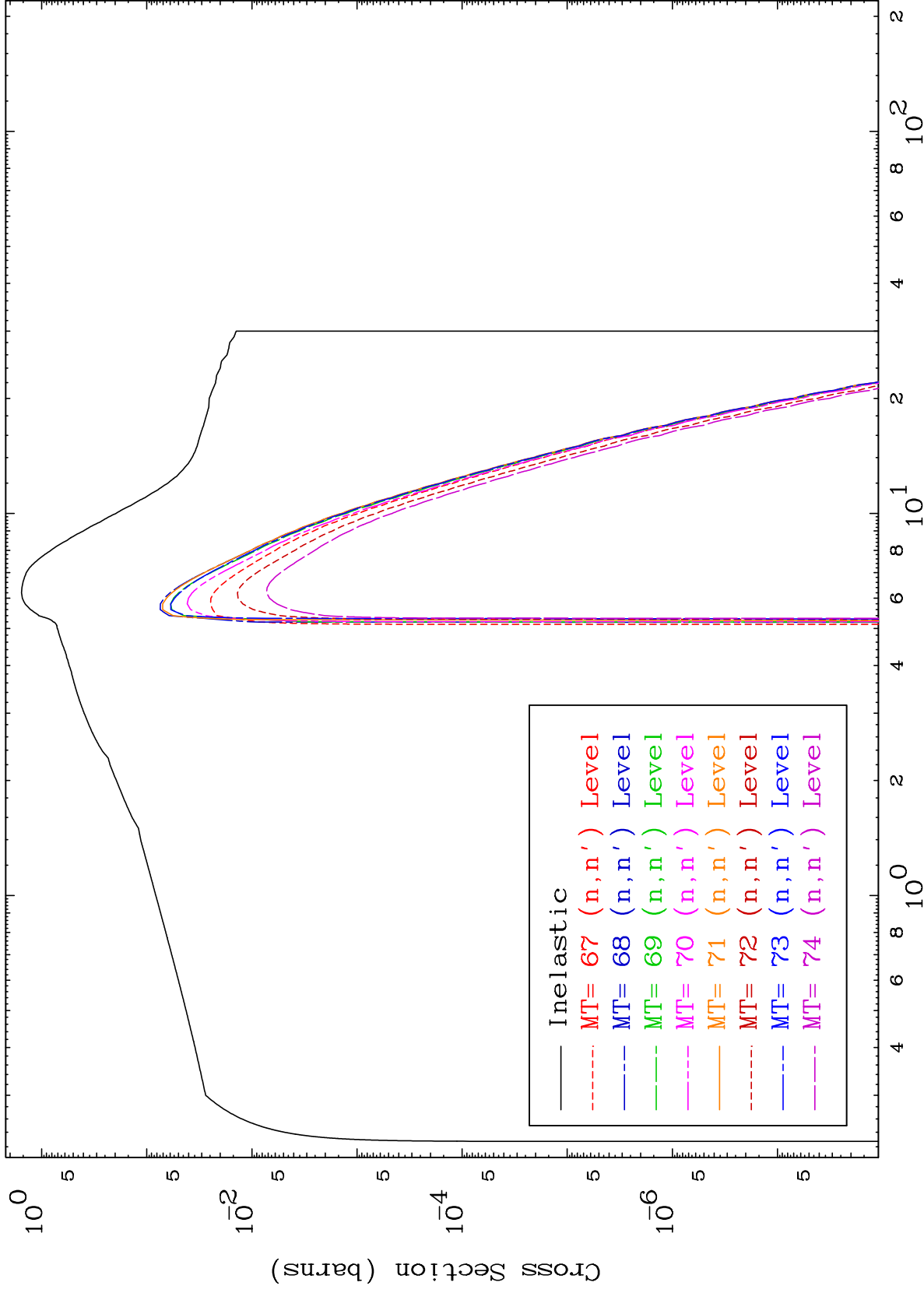
50-Sn-131m



MAT 5083

(n,n') Levels
293 Kelvin Cross Sections

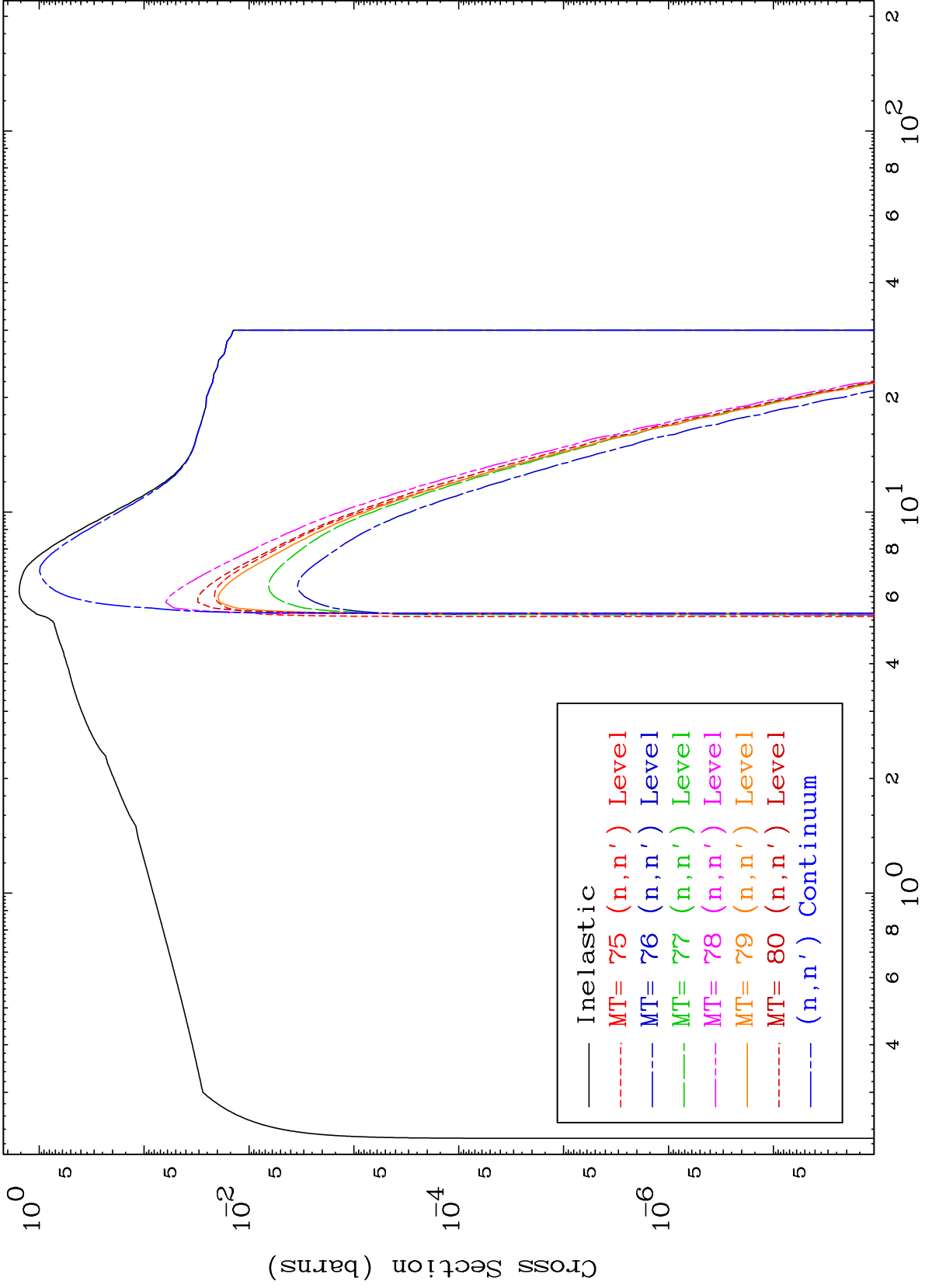
50-Sn-131m



MAT 5083

293 Kelvin Cross Sections
(n,n') Levels

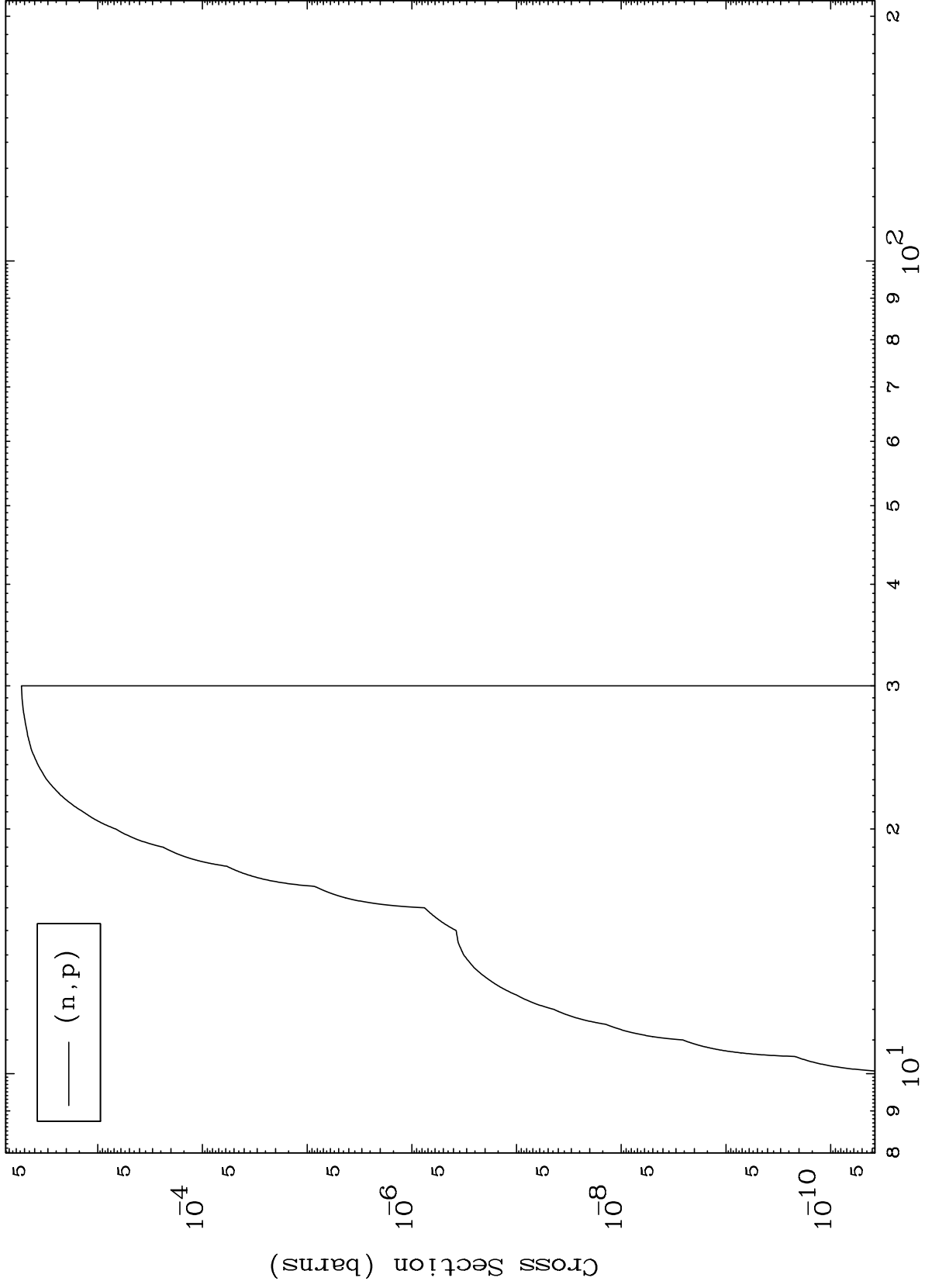
50-Sn-131m



MAT 5083

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-131m



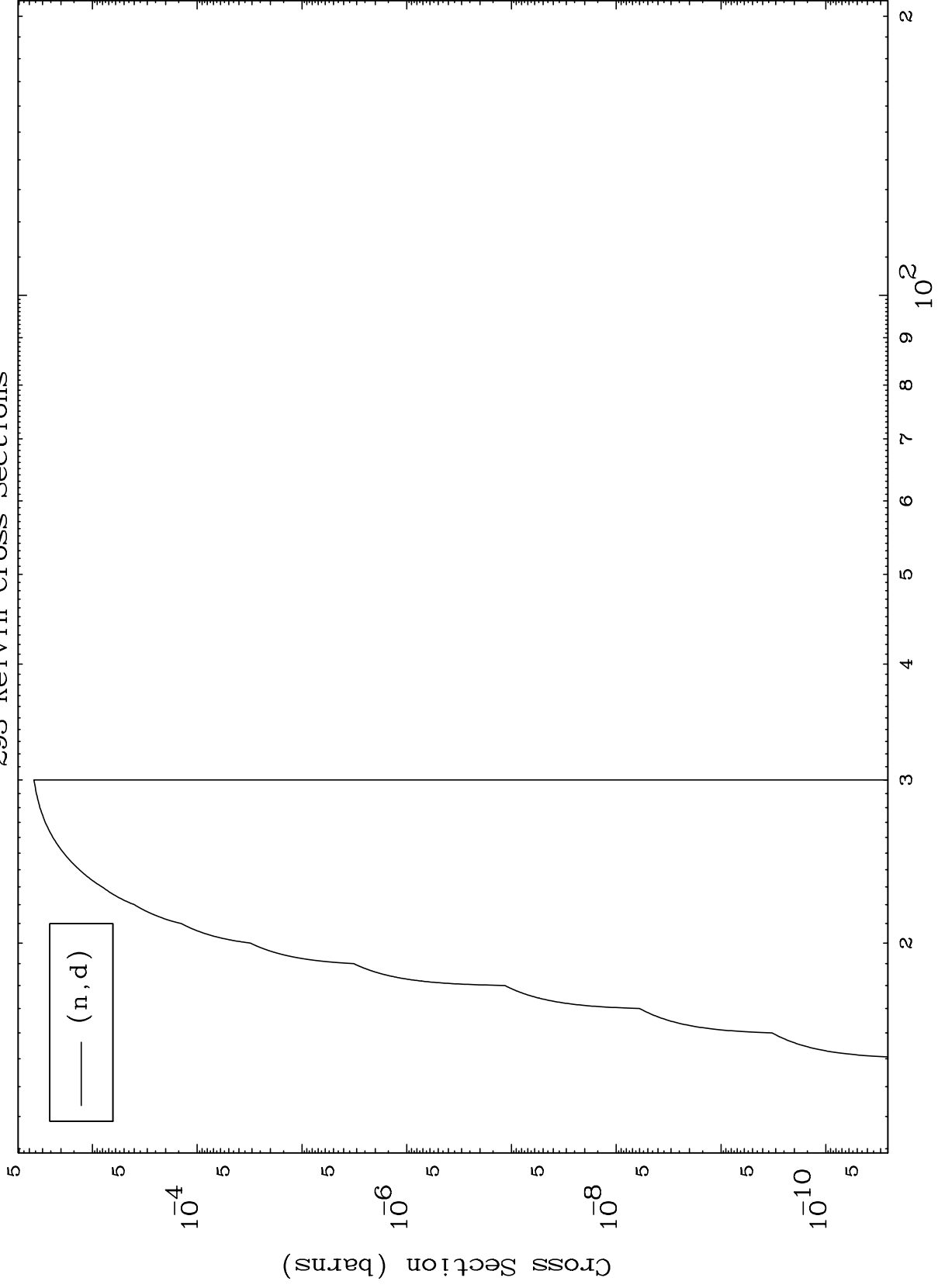
Incident Energy (MeV)

50-Sn-131m

MAT 5083

(n,d) Levels
293 Kelvin Cross Sections

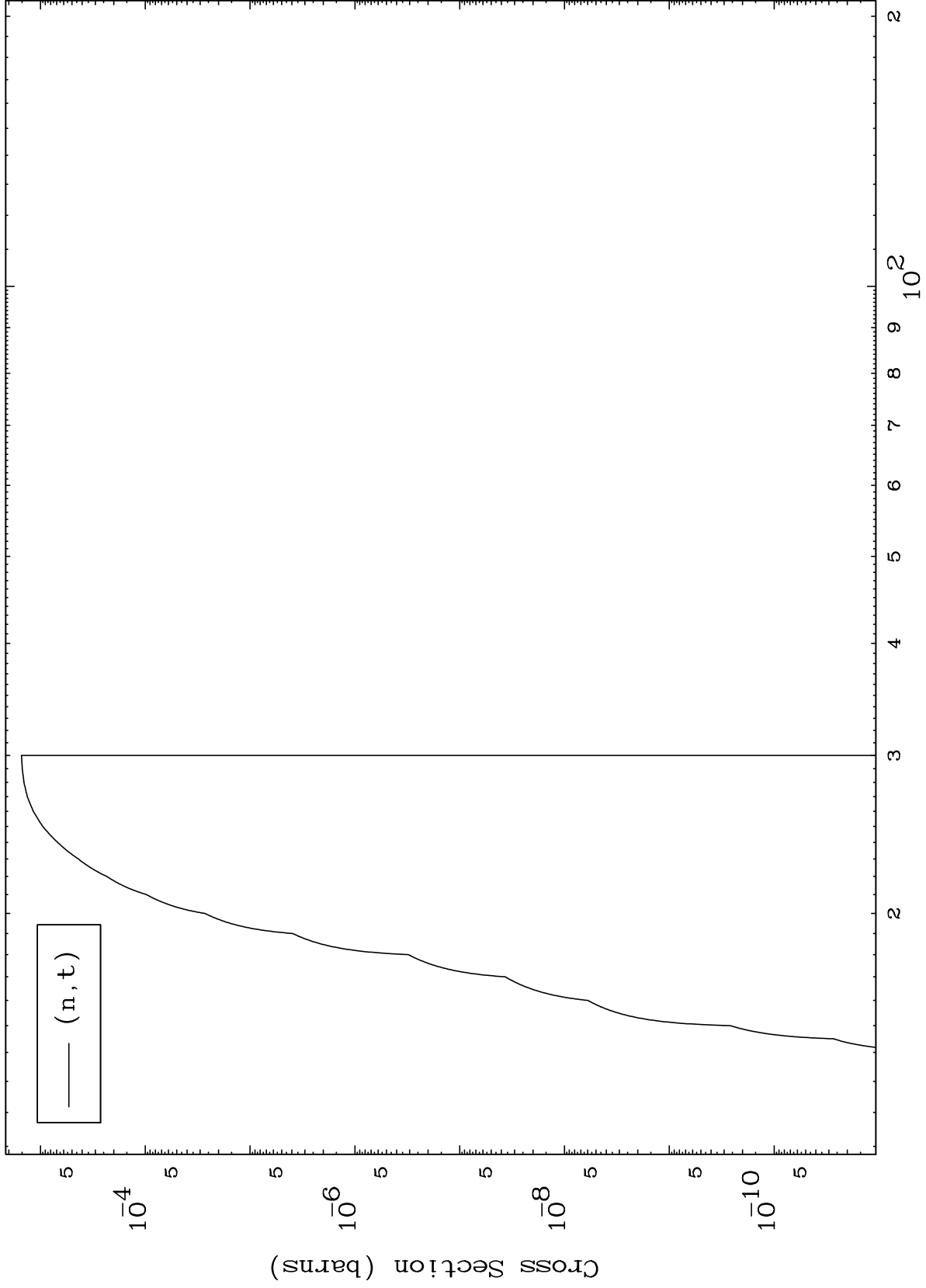
50-Sn-131m



MAT 5083

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-131m



12

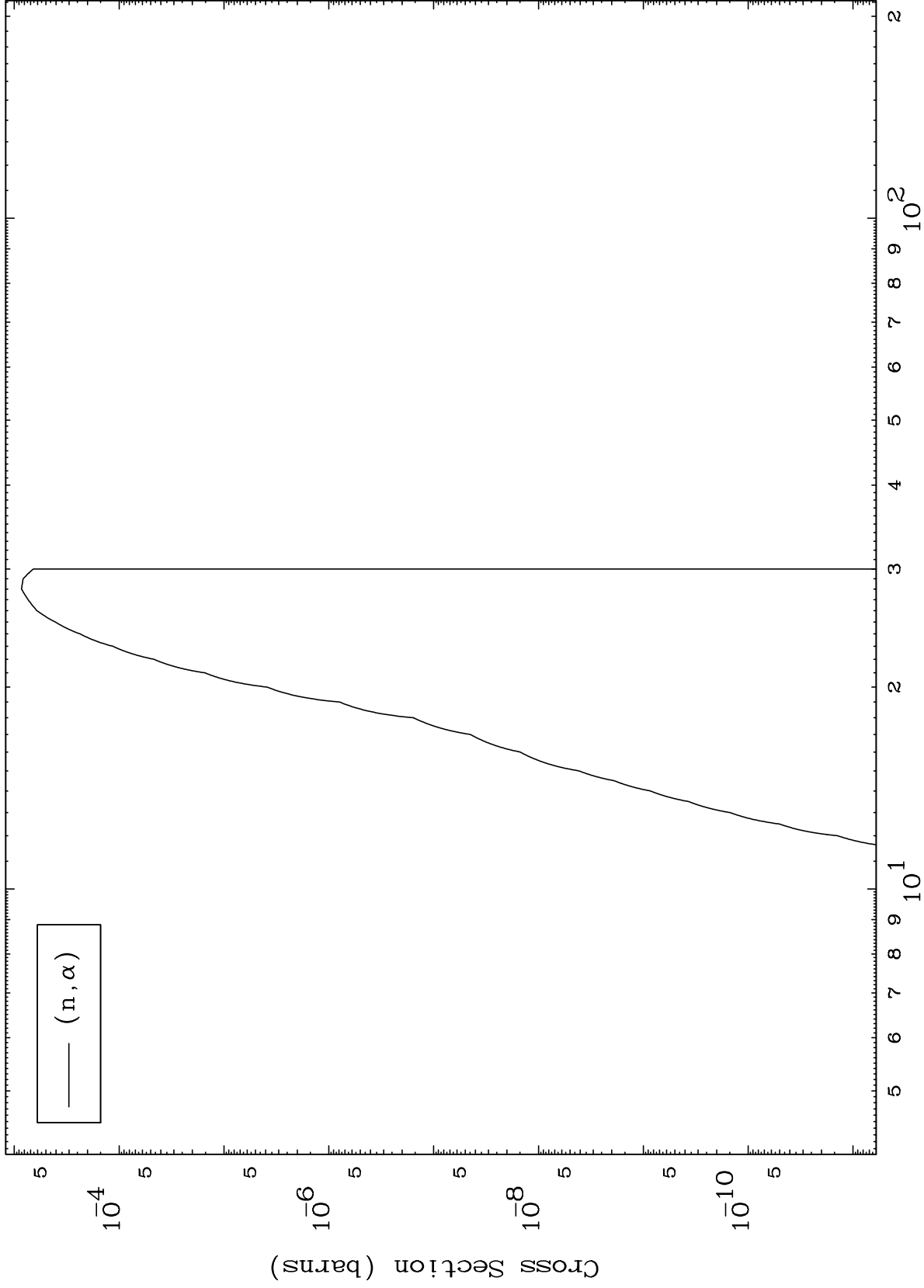
Incident Energy (MeV)

50-Sn-131m

MAT 5083

(n, α) Levels
293 Kelvin Cross Sections

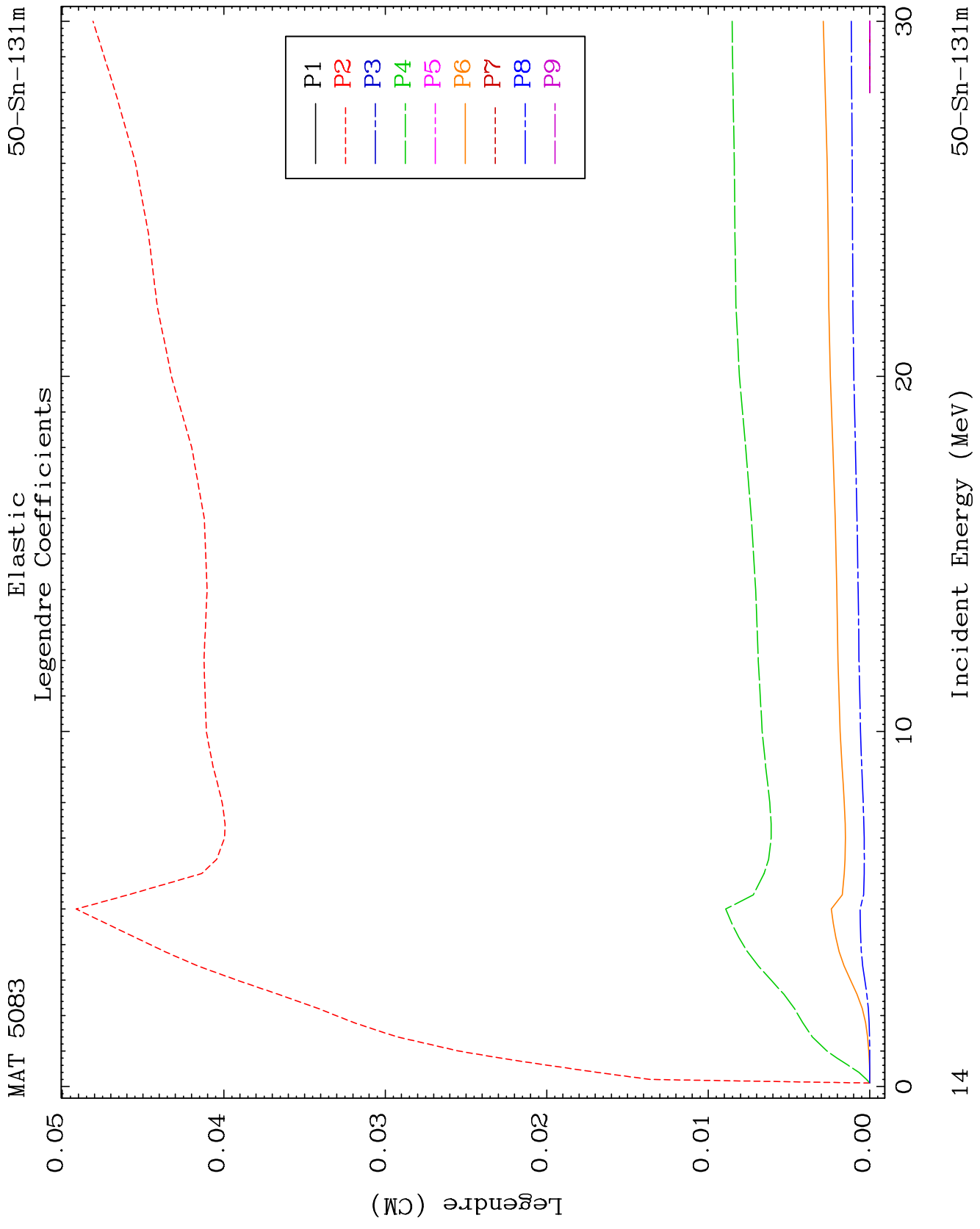
50-Sn-131m



13

Incident Energy (MeV)

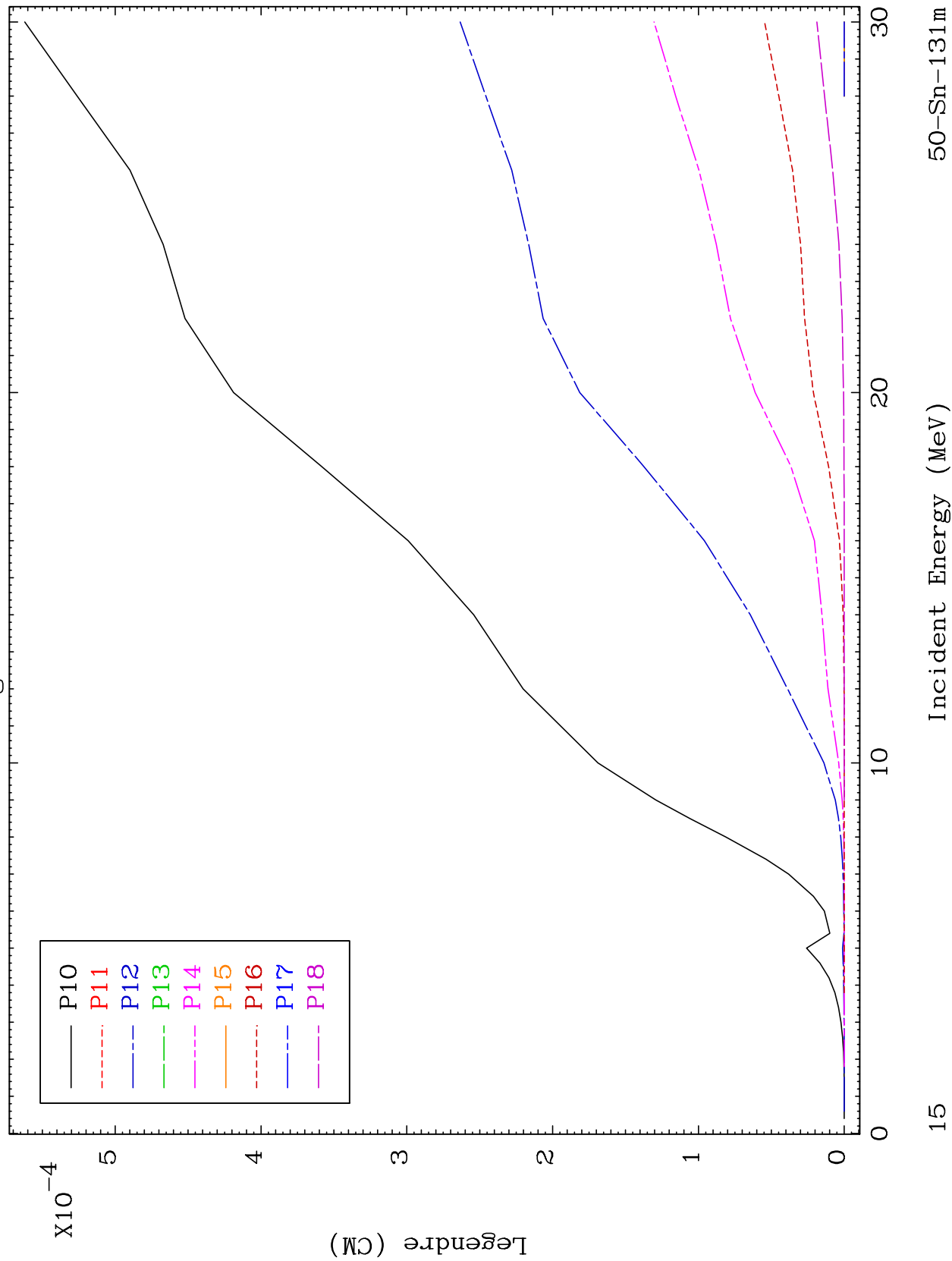
50-Sn-131m



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Elastic Legendre Coefficients

50-Sn-131m



15

Incident Energy (MeV)

50-Sn-131m

30

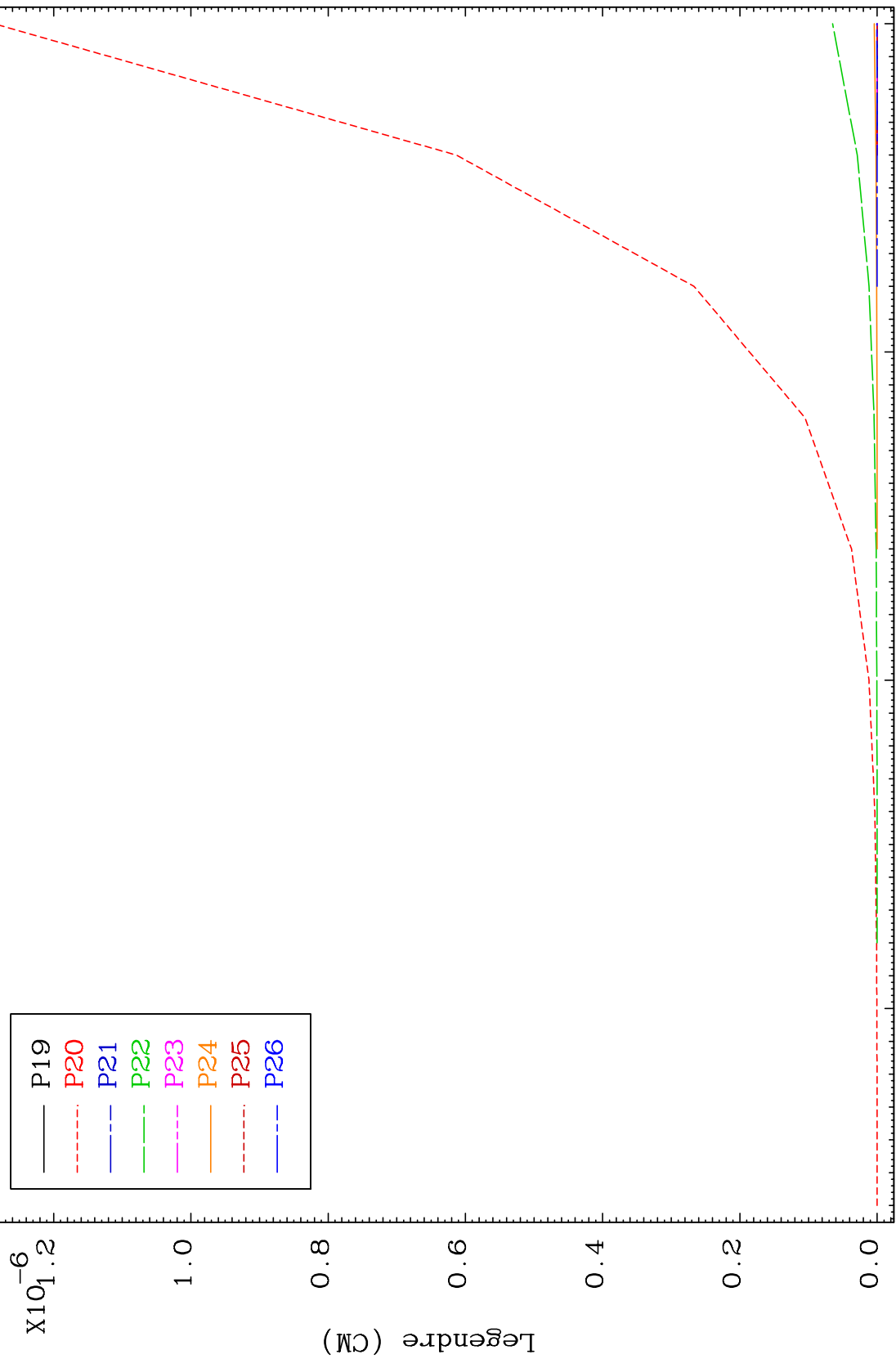
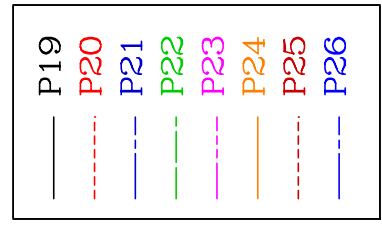
10^{-4}

Legendre (CM)

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Elastic
Legendre Coefficients

50-Sn-131m



16

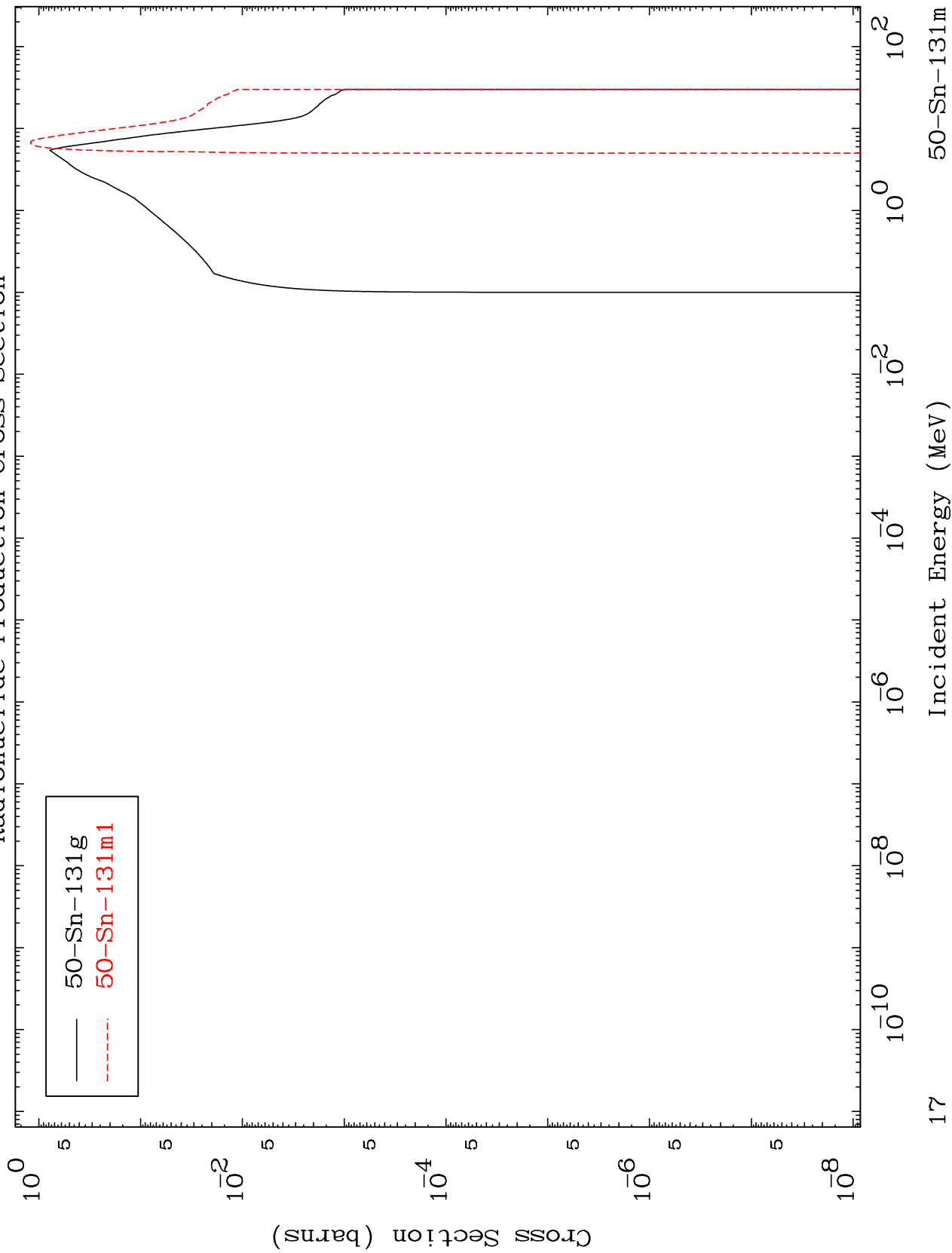
Incident Energy (MeV)

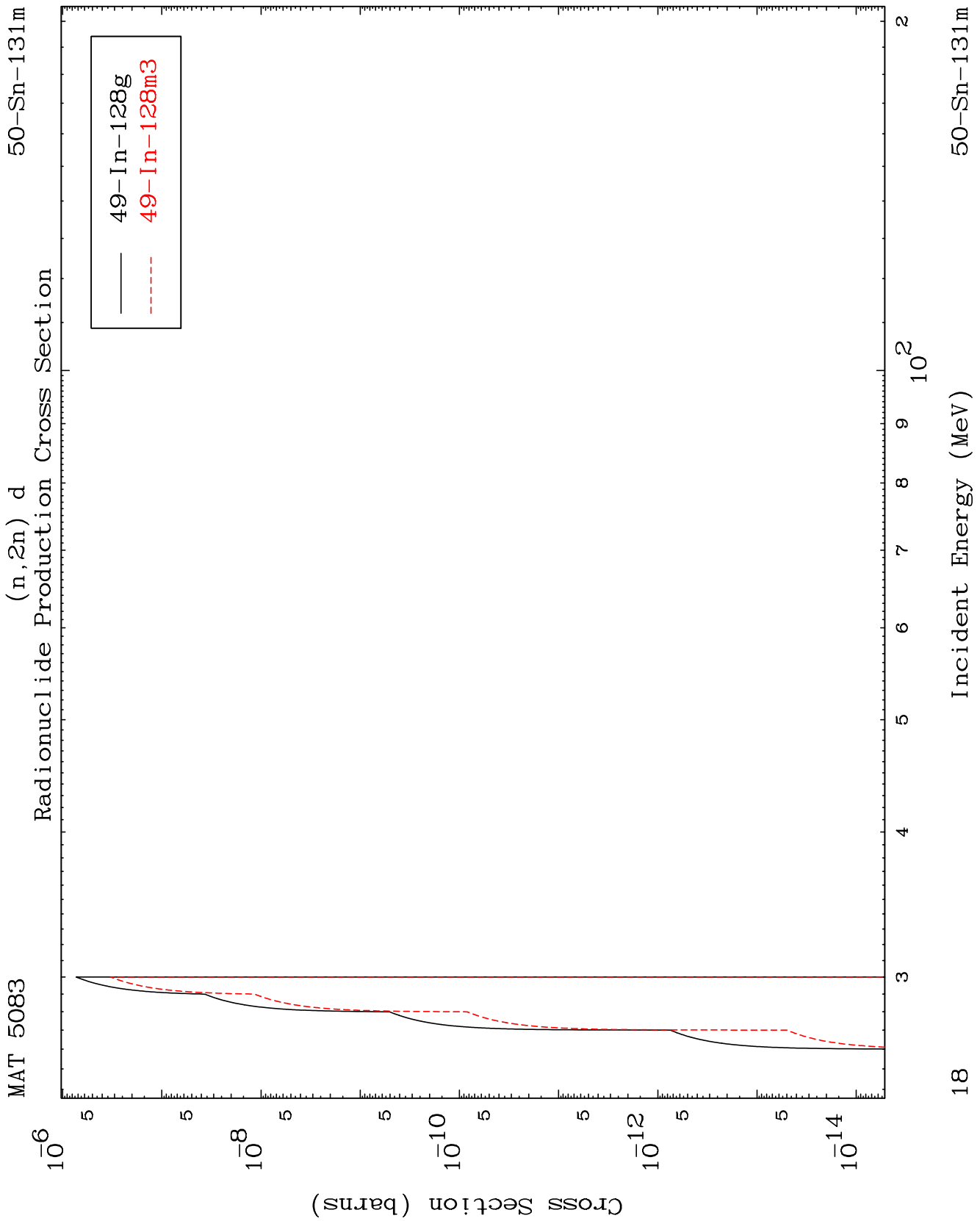
50-Sn-131m

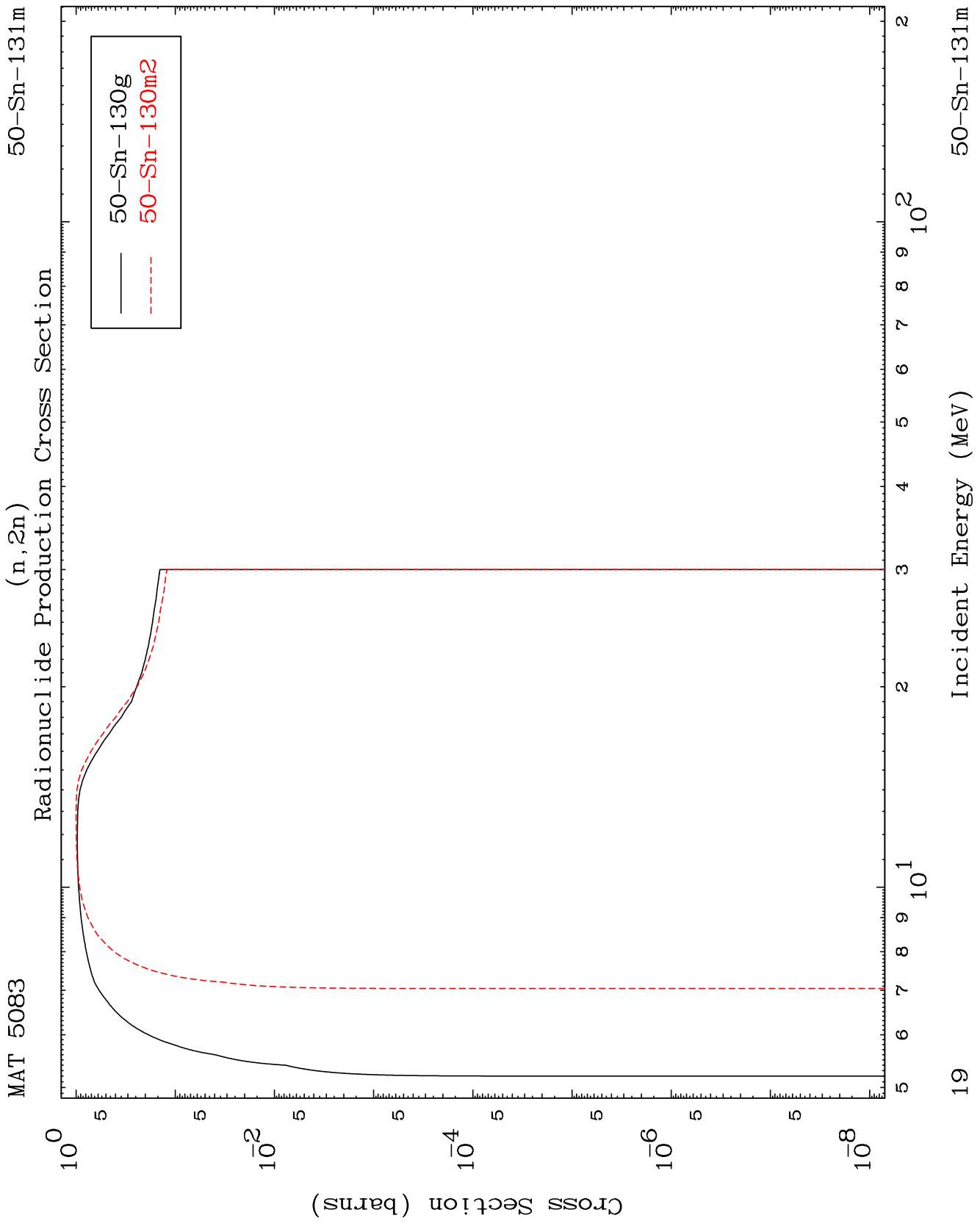
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50-Sn-131m

Inelastic
Radionuclide Production Cross Section



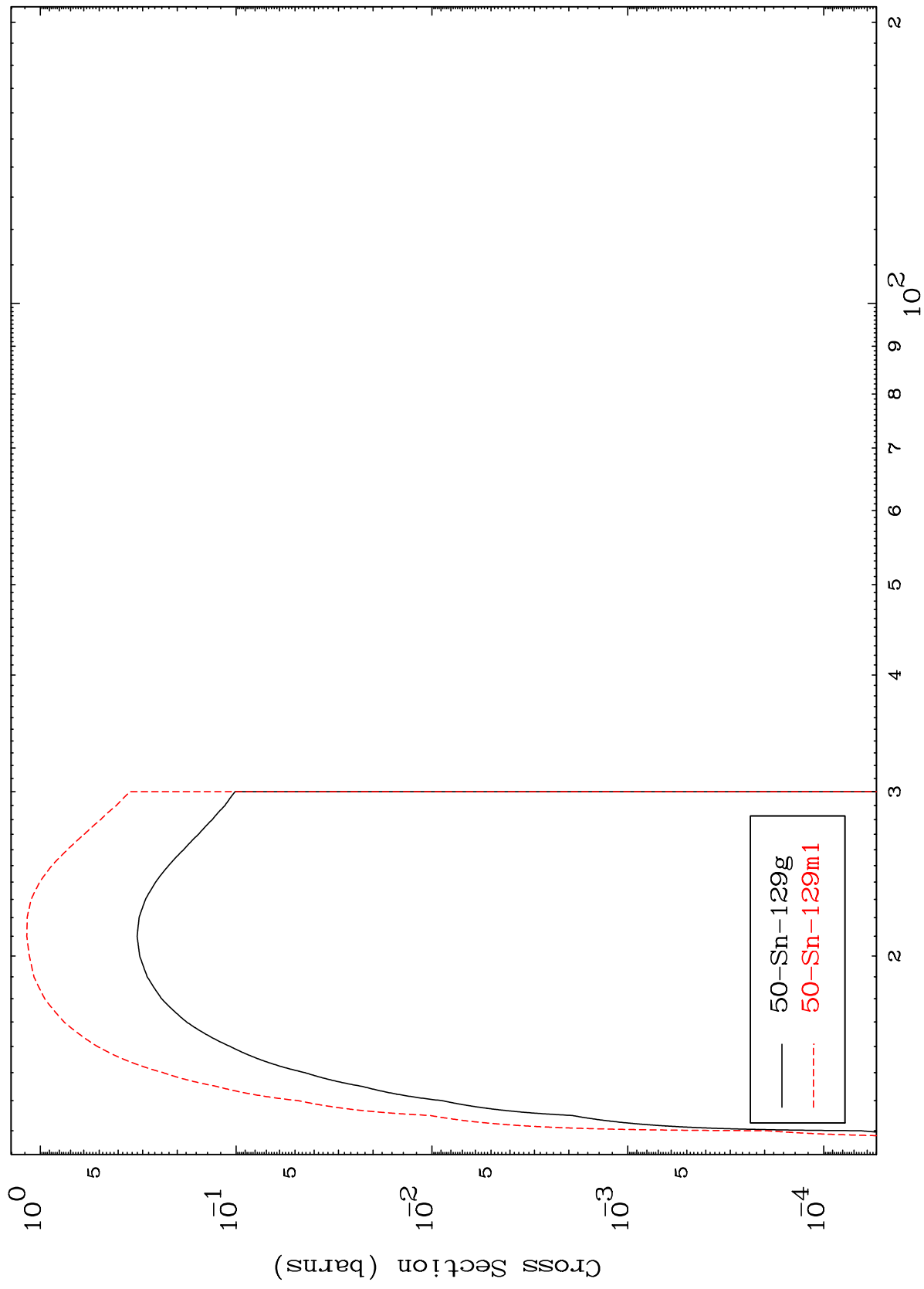




MAT 5083

50-Sn-131m

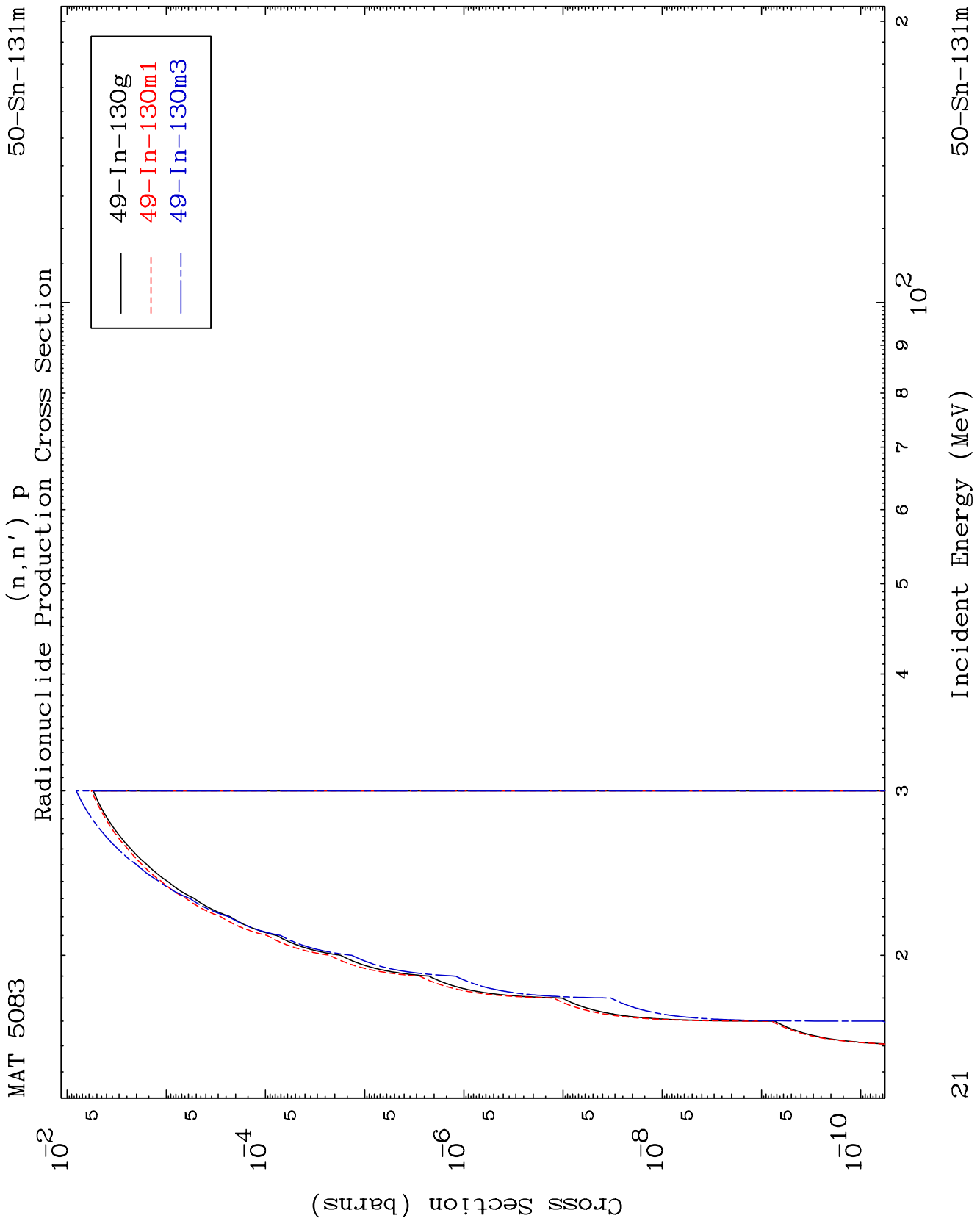
(n,3n)
Radionuclide Production Cross Section



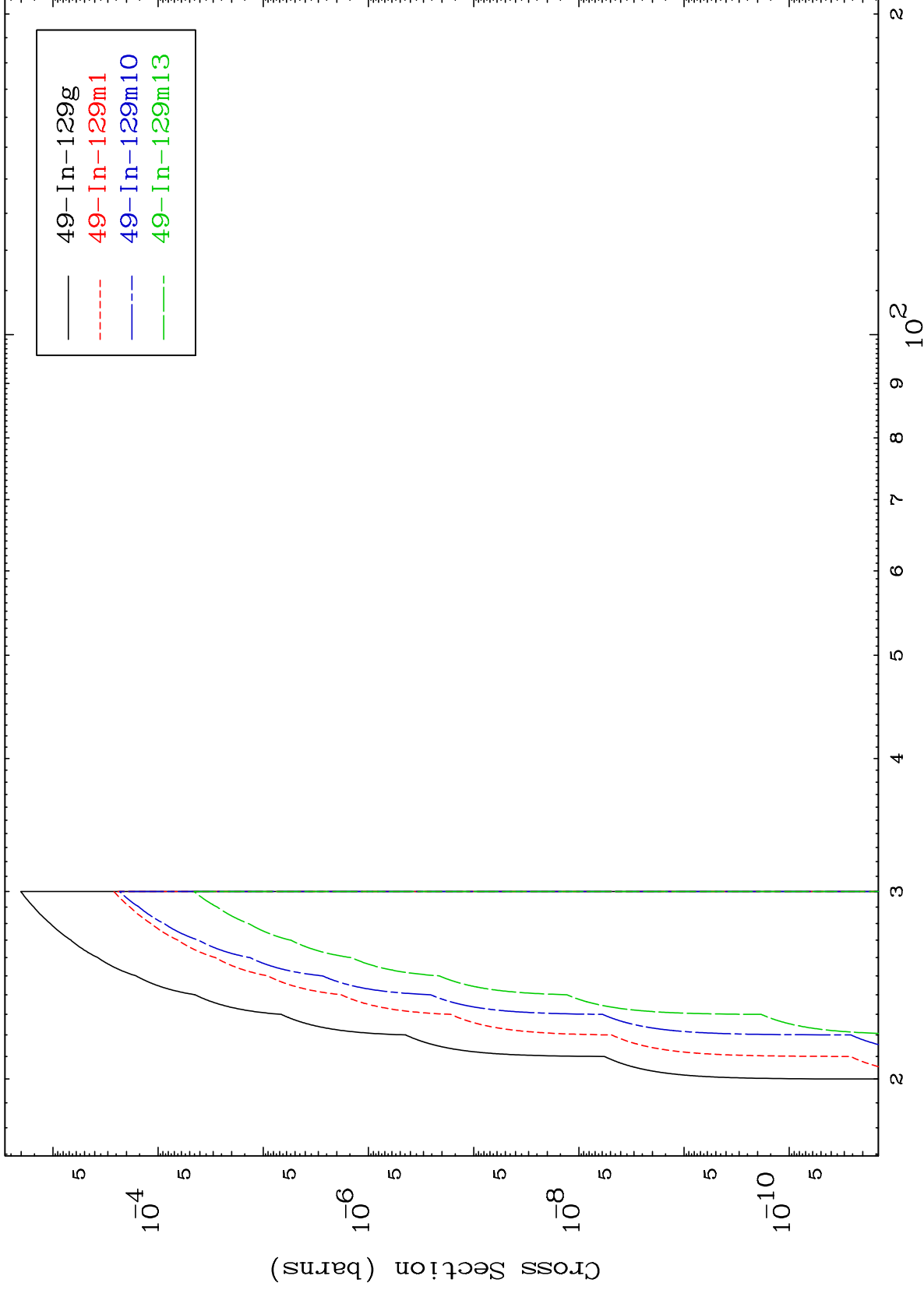
50-Sn-131m

Incident Energy (MeV)

20



Radionuclide Production Cross Section

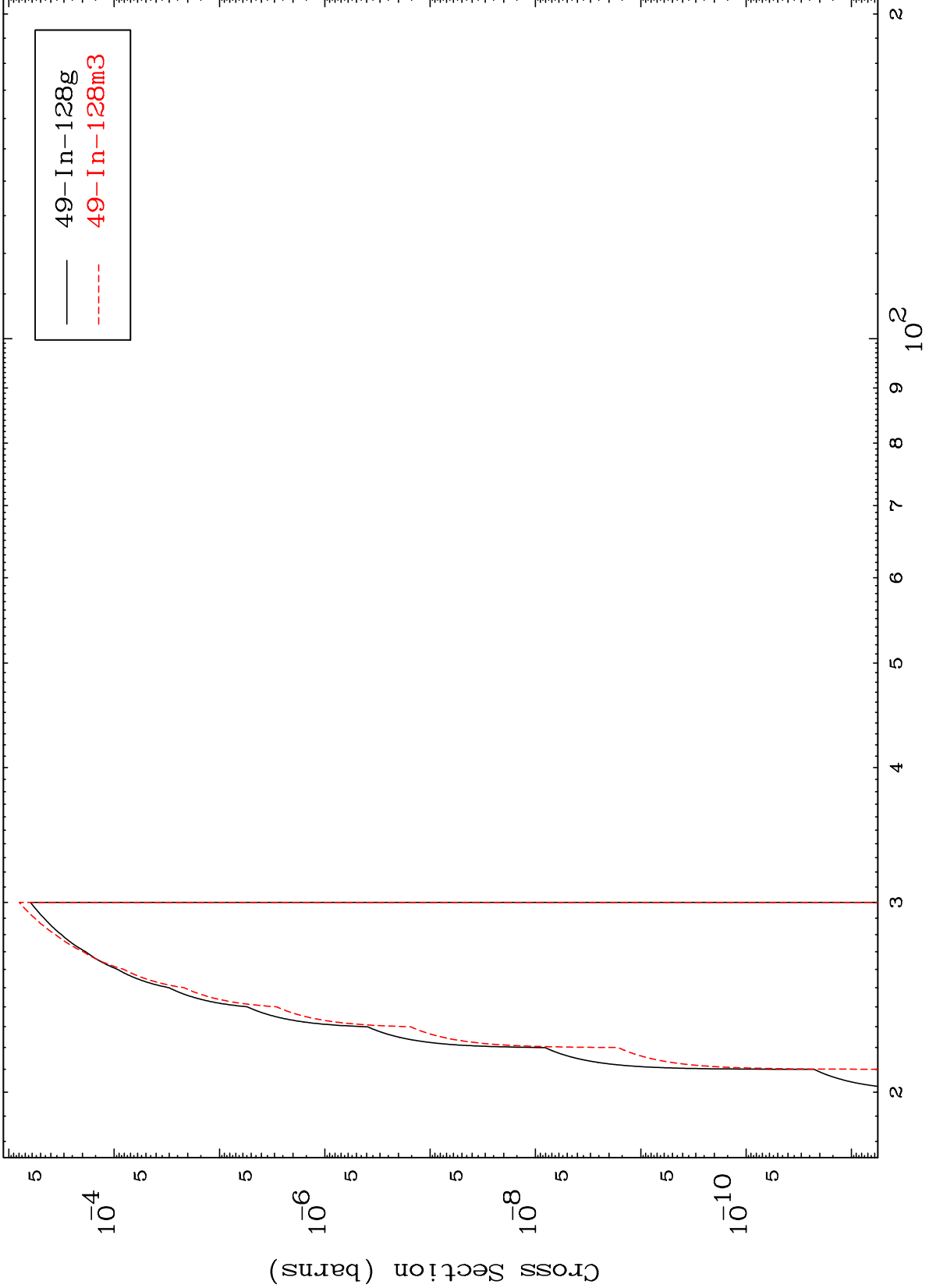


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(n,n') t

50-Sn-131m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

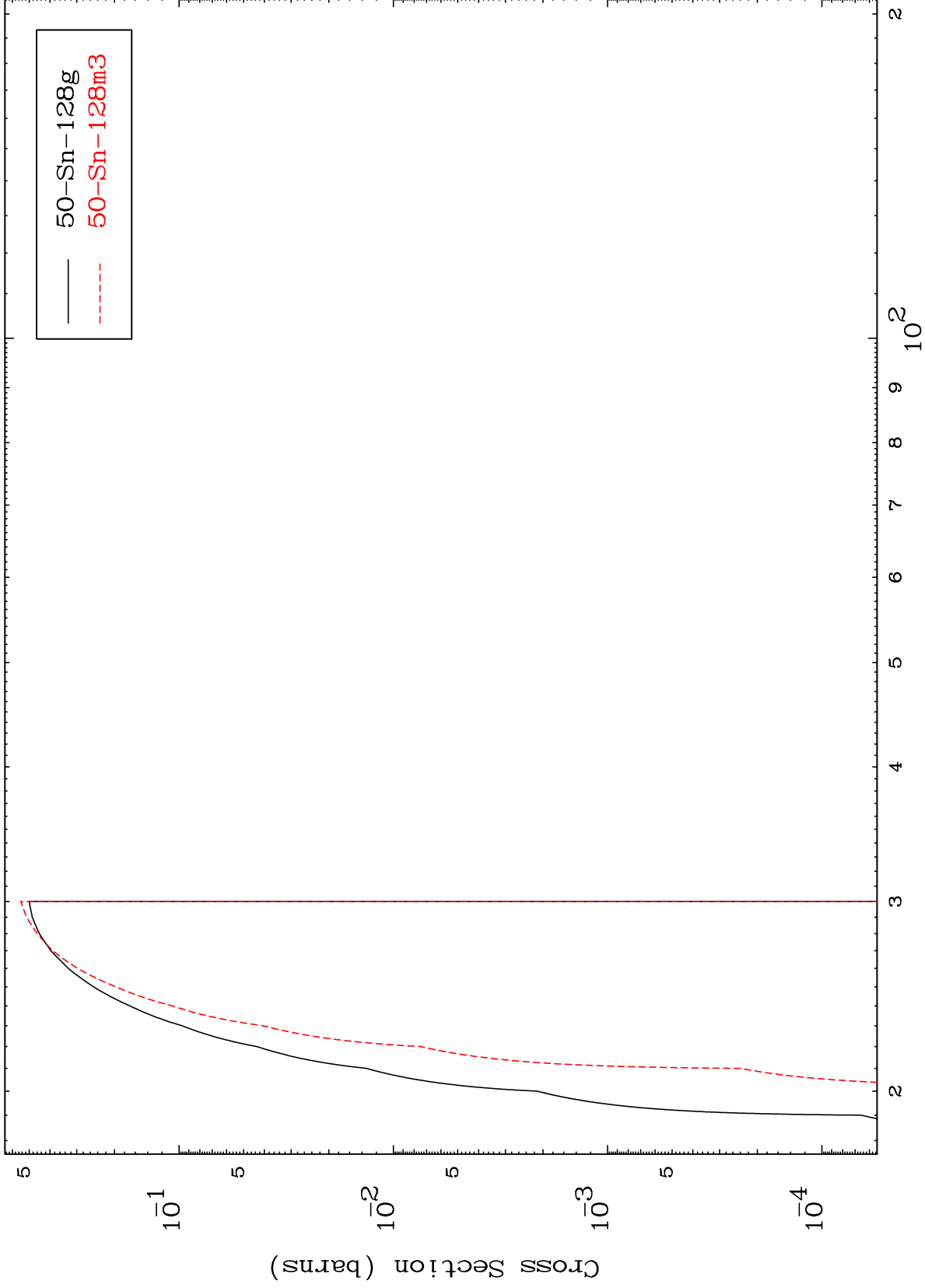
50-Sn-131m

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(n,4n)

50-Sn-131m

Radionuclide Production Cross Section



24

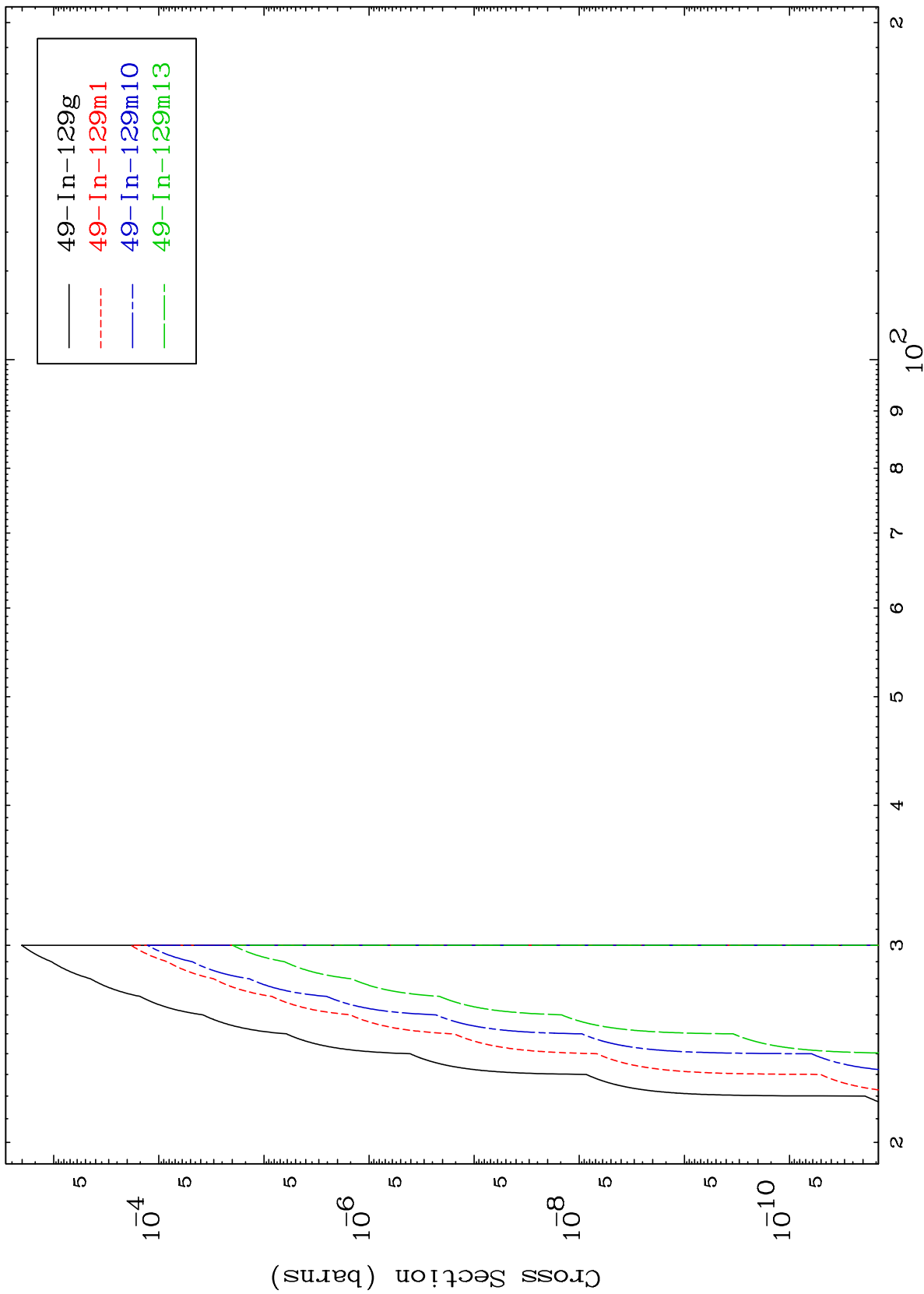
Incident Energy (MeV)

50-Sn-131m

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50-Sn-131m

(n,2n) p
Radionuclide Production Cross Section



50-Sn-131m

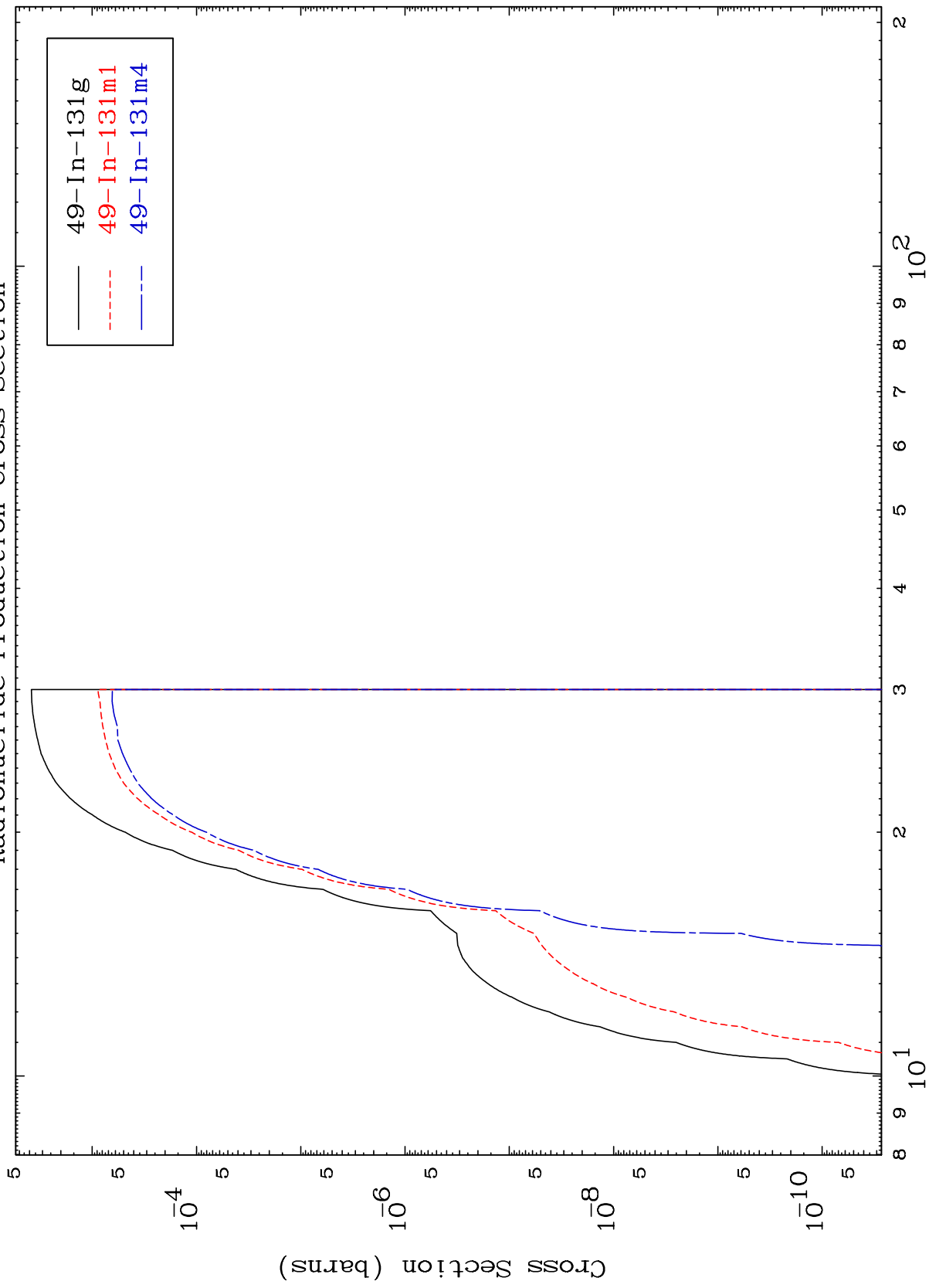
Incident Energy (MeV)

25

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50-Sn-131m

(n,p)
Radionuclide Production Cross Section



26

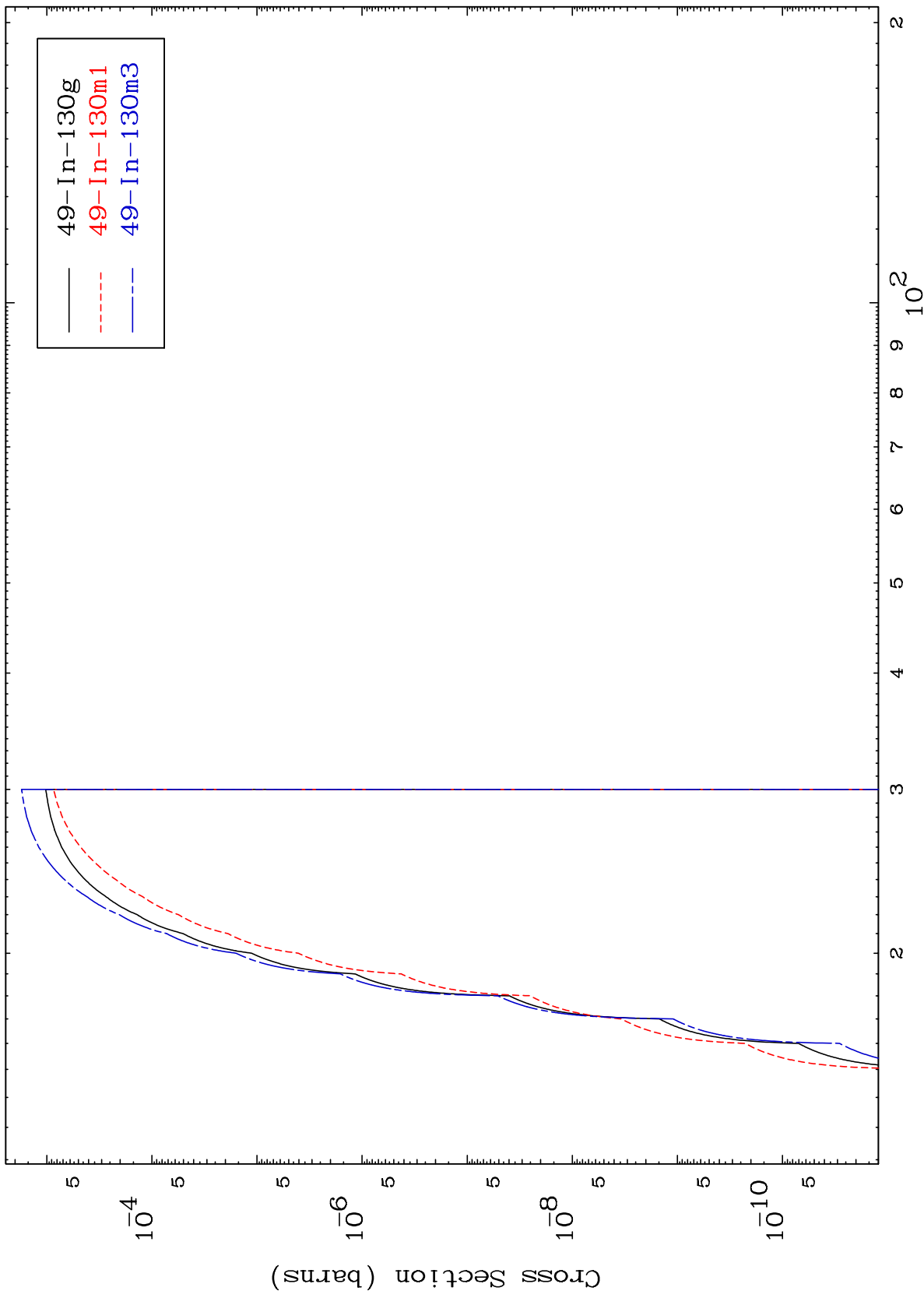
Incident Energy (MeV)

50-Sn-131m

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50-Sn-131m

(n,d)
Radionuclide Production Cross Section



27

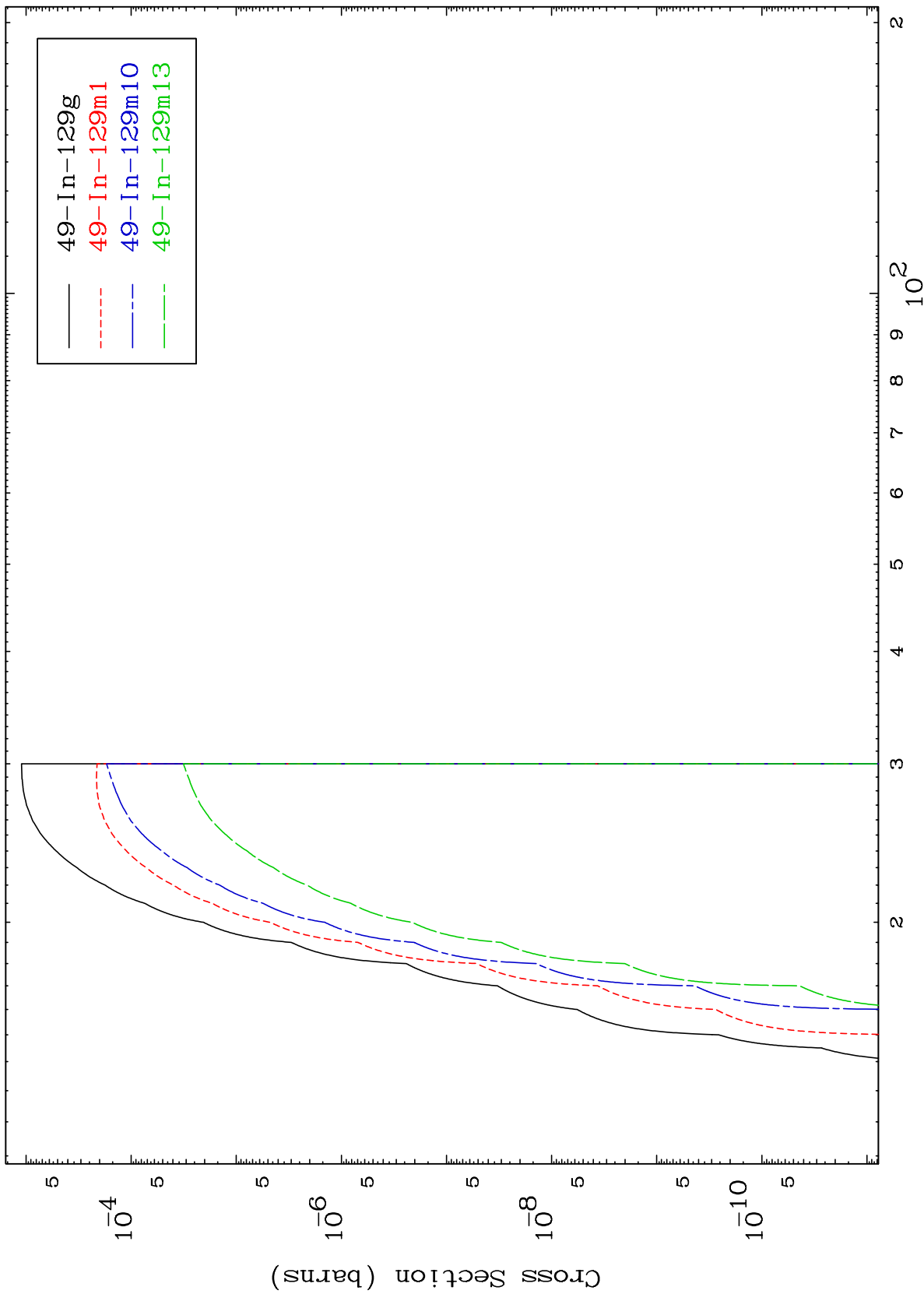
50-Sn-131m

Incident Energy (MeV)

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50-Sn-131m

(n,t)
Radionuclide Production Cross Section



28

Incident Energy (MeV)

50-Sn-131m