

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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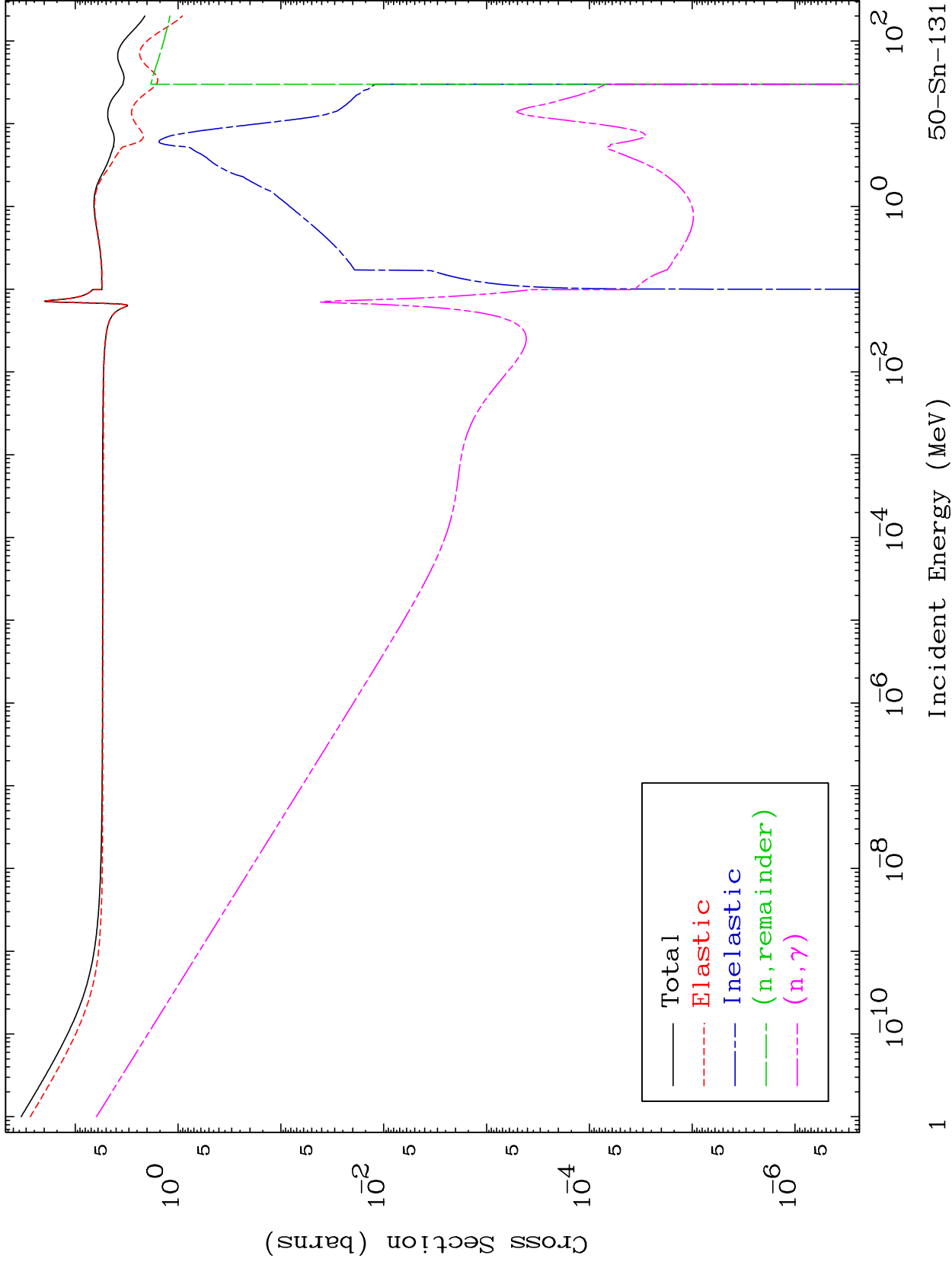
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5083

Major
293 Kelvin Cross Sections

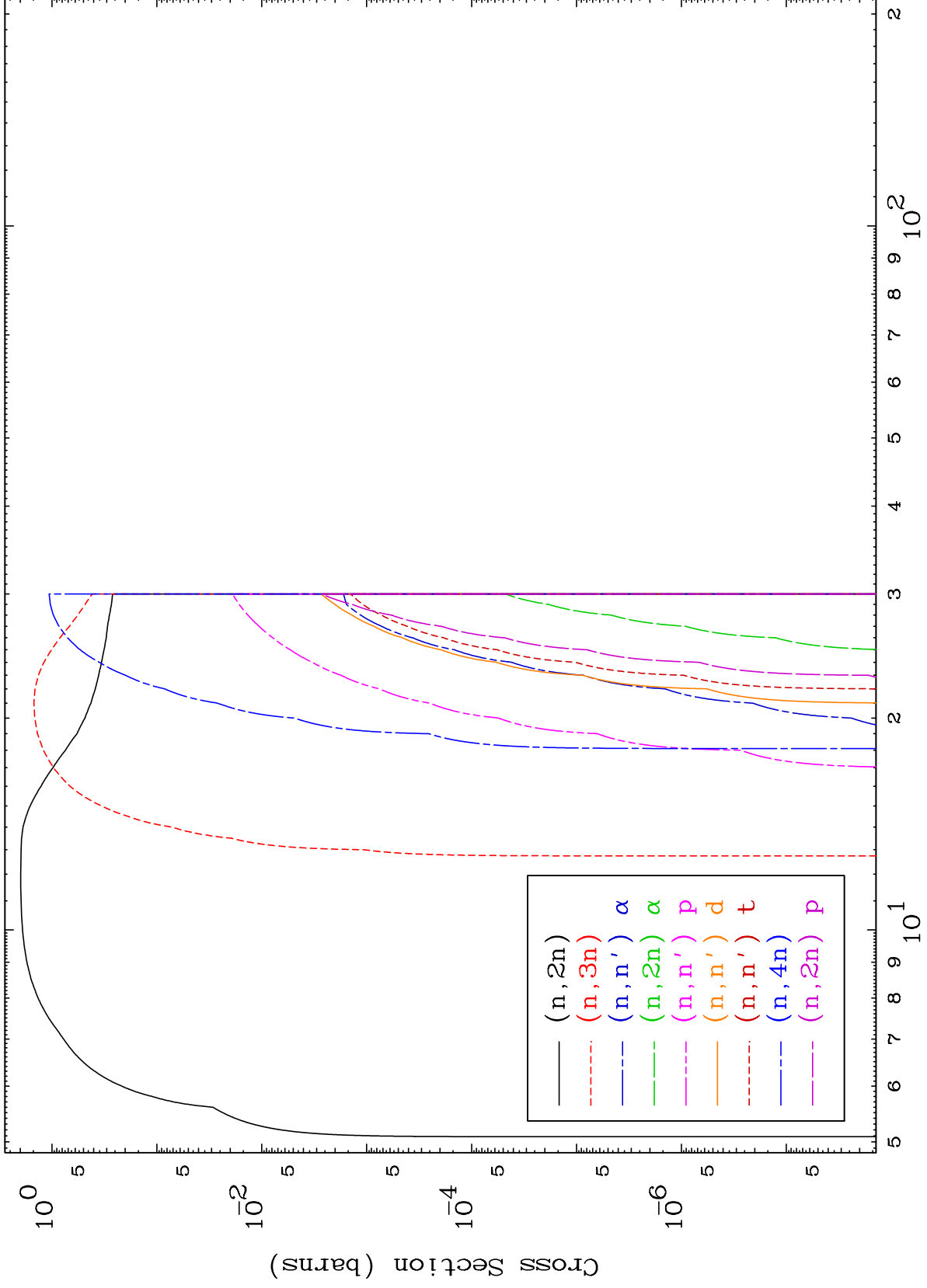
50-Sn-131



MAT 5083

Neutron Production
293 Kelvin Cross Sections

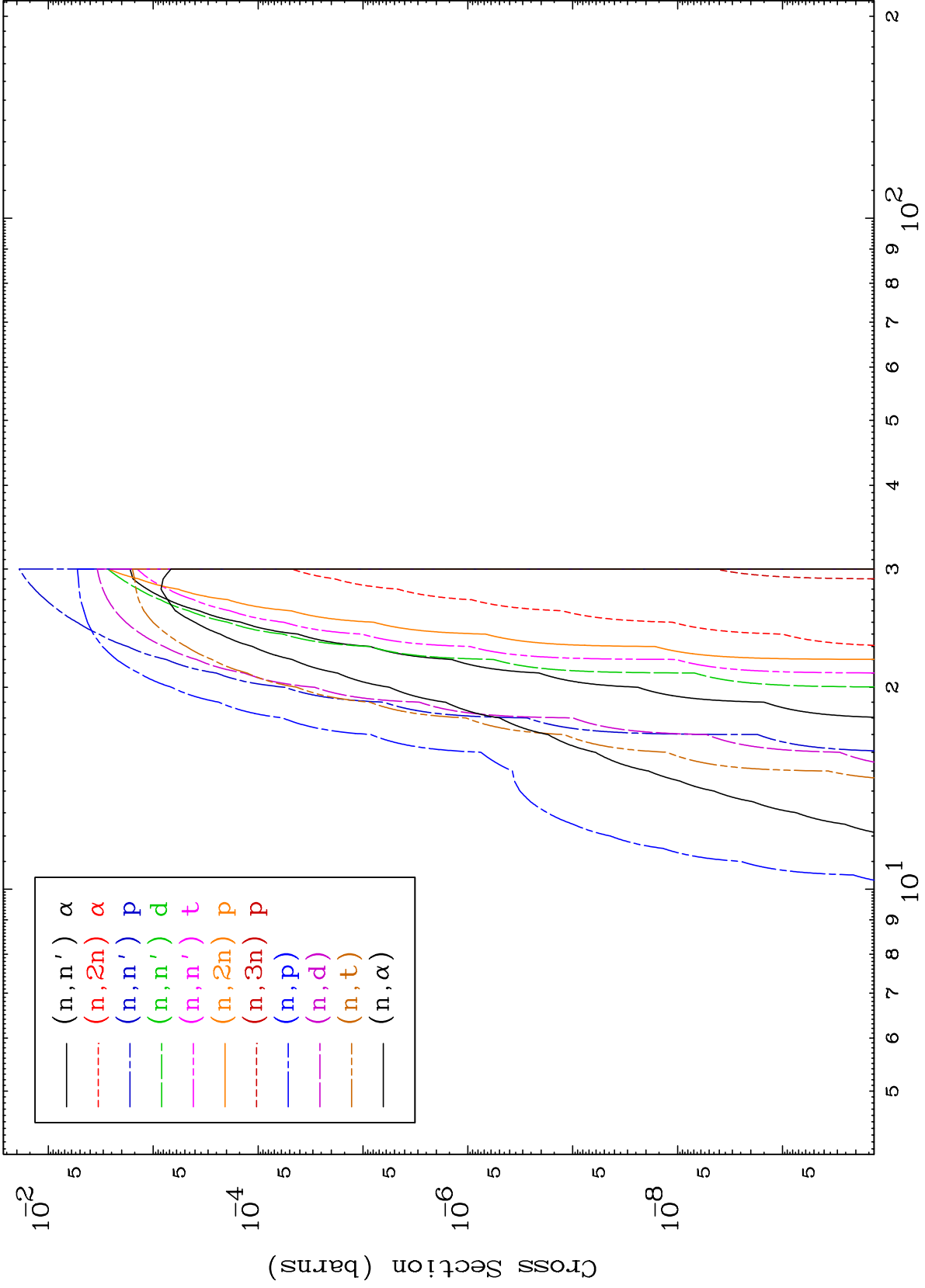
50-Sn-131

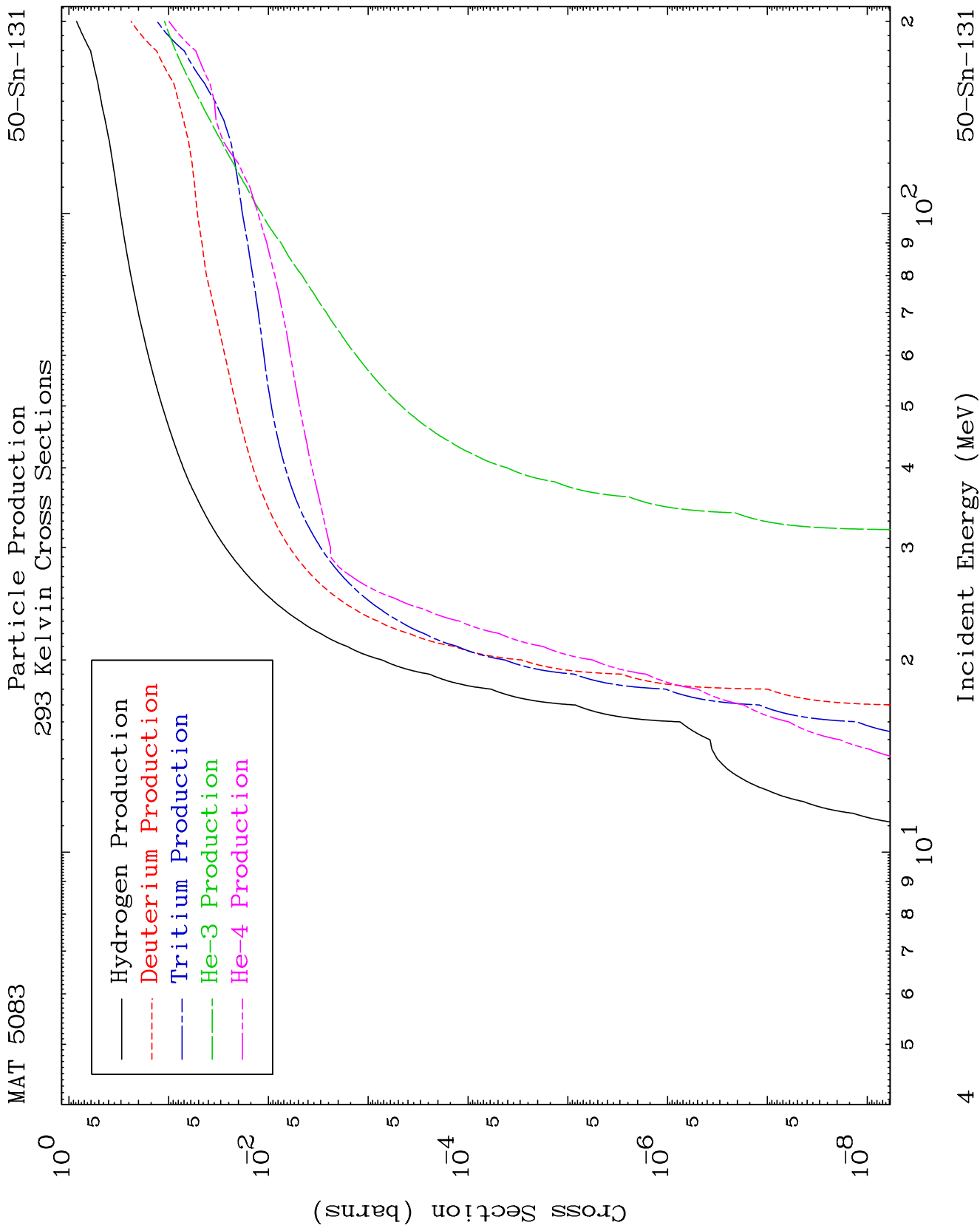


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Incident Energy (MeV)

50-Sn-131



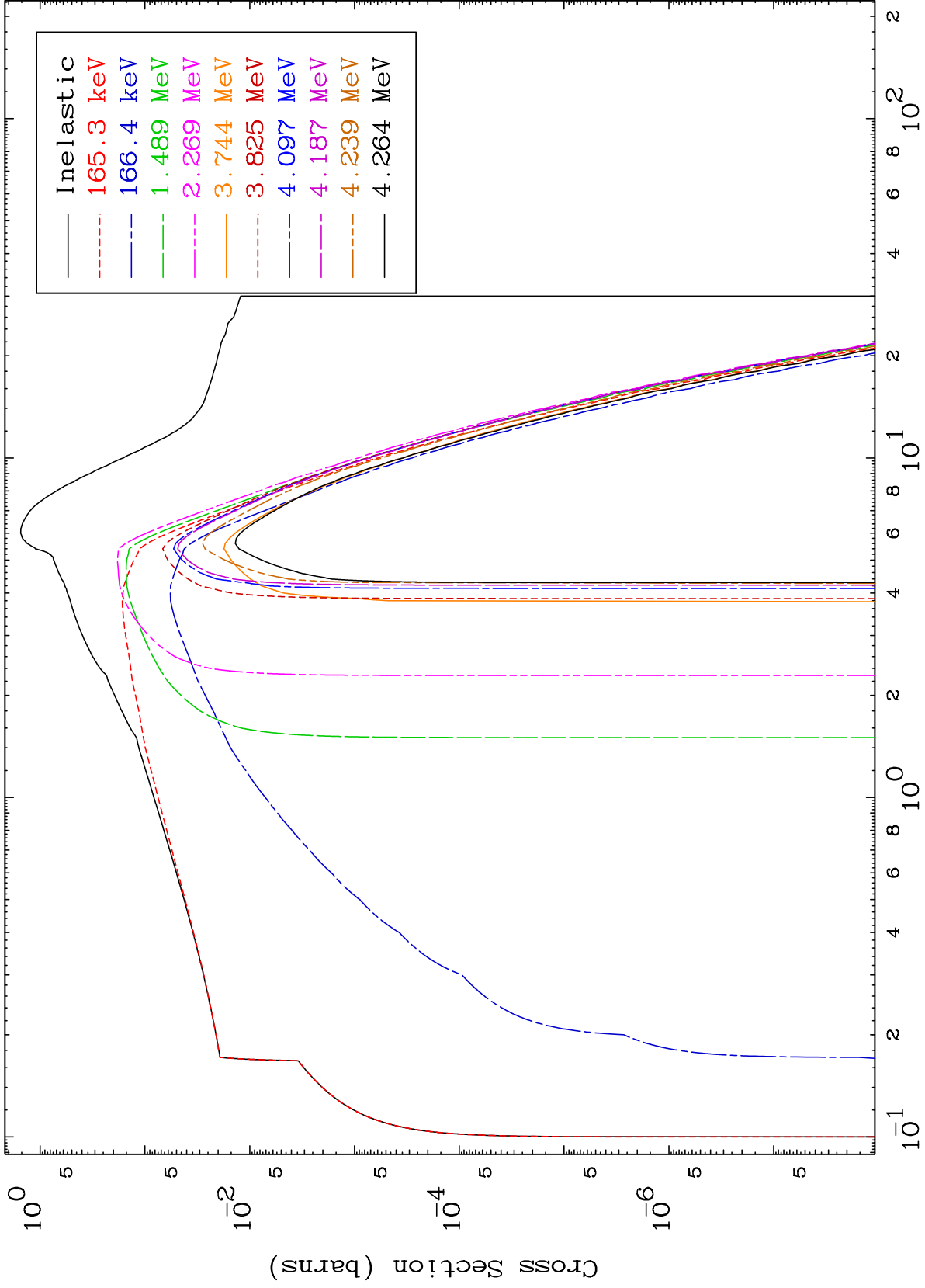


MAT 5083

(n,n') Level

50-Sn-131

293 Kelvin Cross Sections



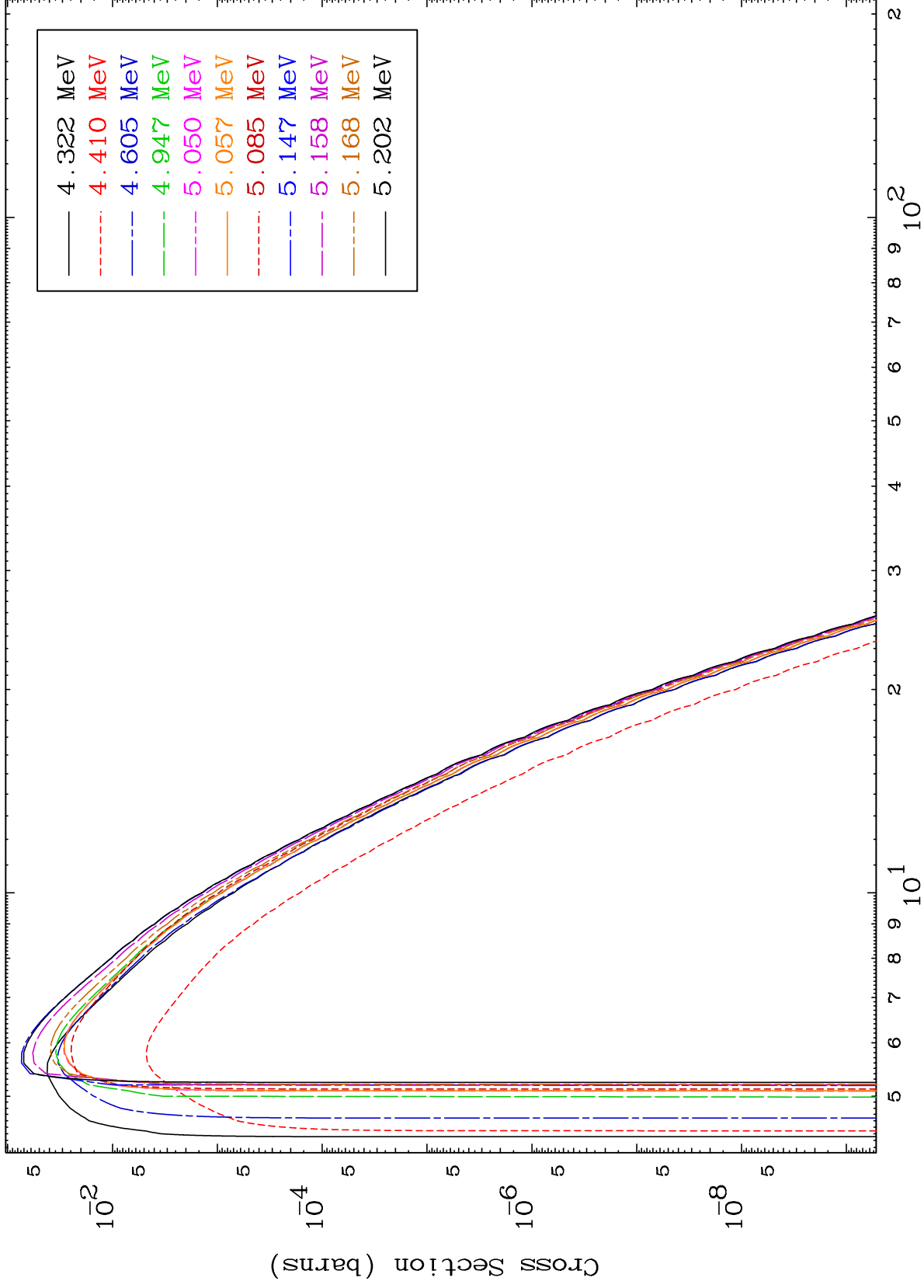
Incident Energy (MeV)

50-Sn-131

MAT 5083

(n,n') Level
293 Kelvin Cross Sections

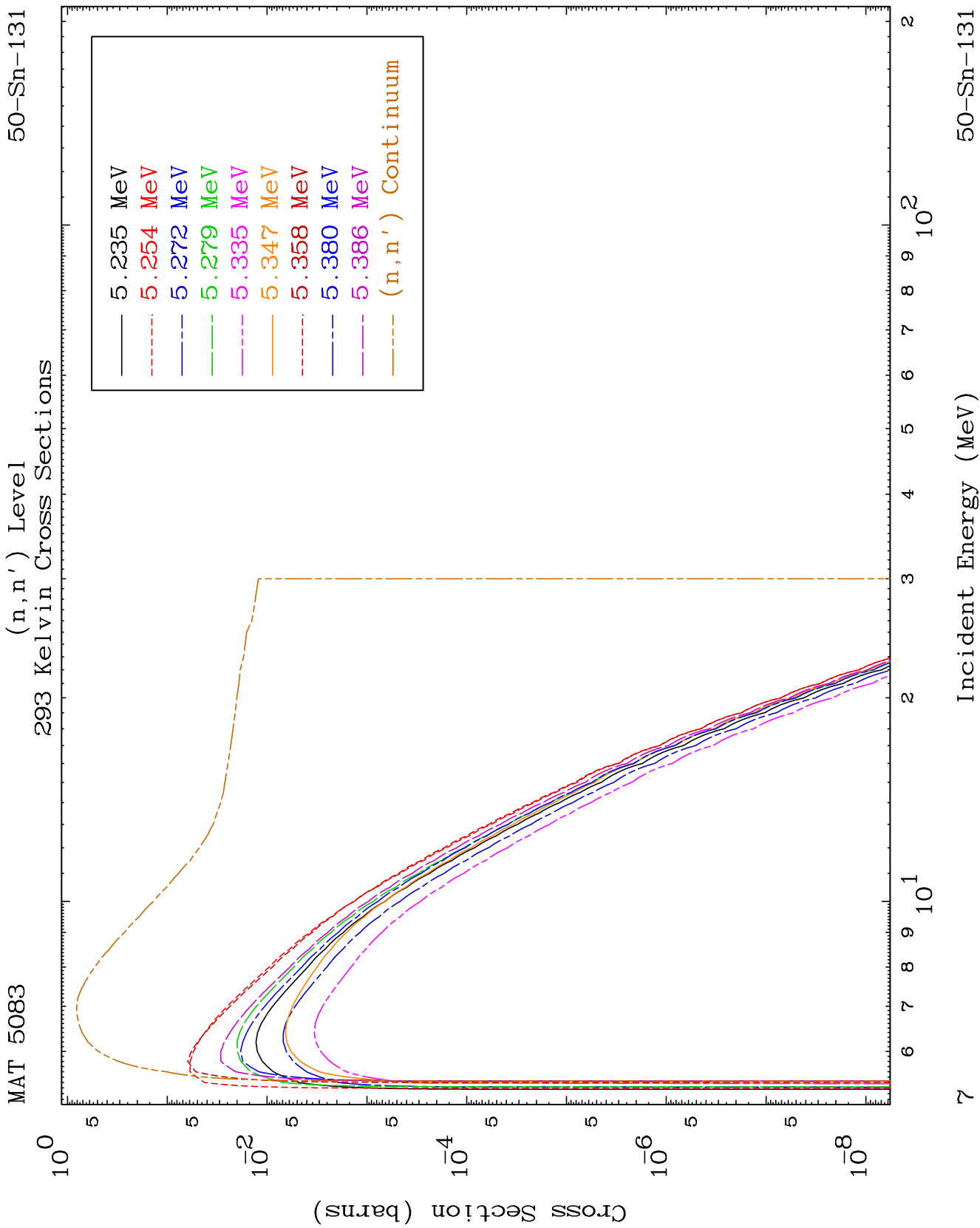
50-Sn-131



50-Sn-131

Incident Energy (MeV)

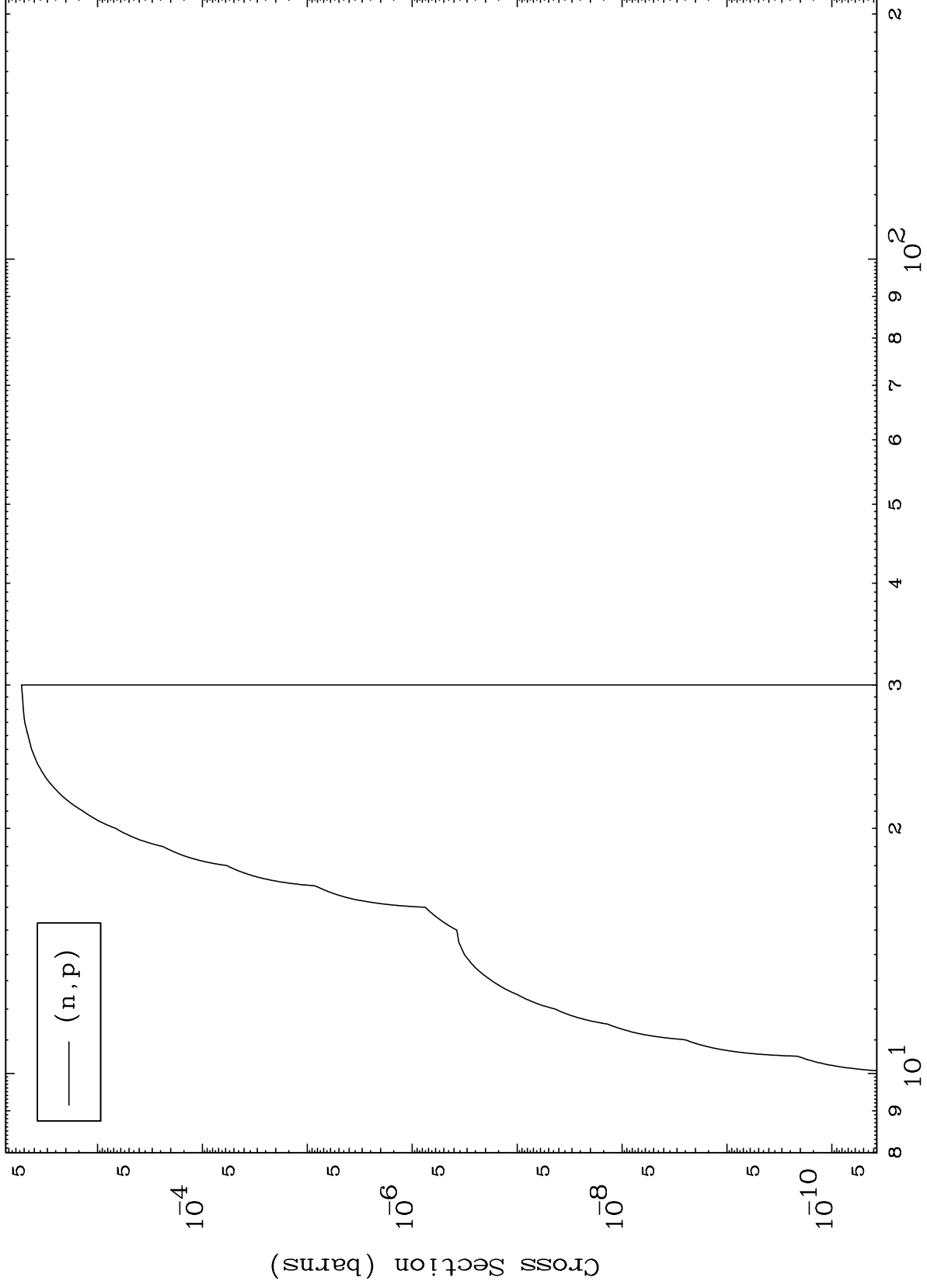
6



MAT 5083

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-131



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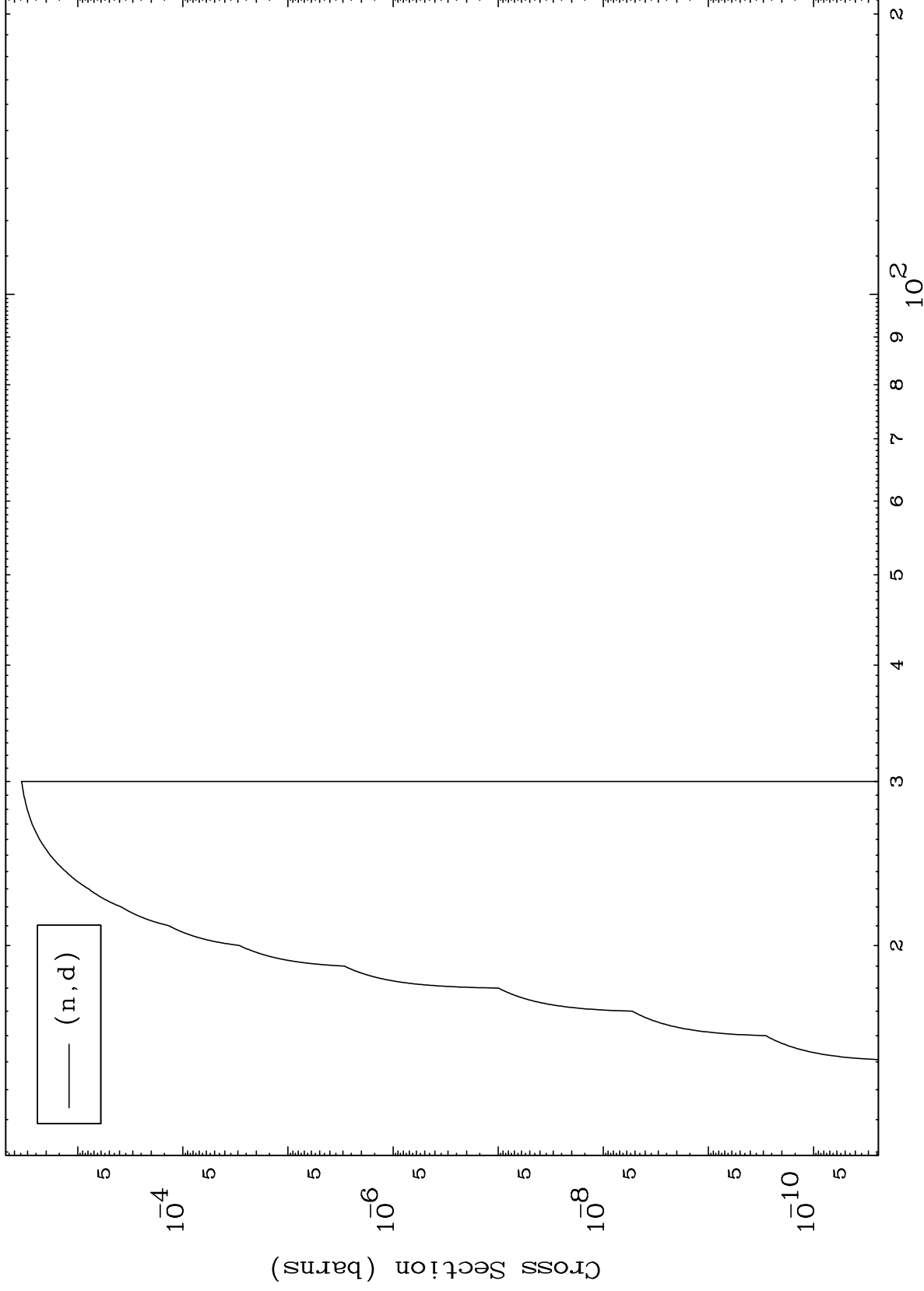
Incident Energy (MeV)

50-Sn-131

MAT 5083

(n,d) Levels
293 Kelvin Cross Sections

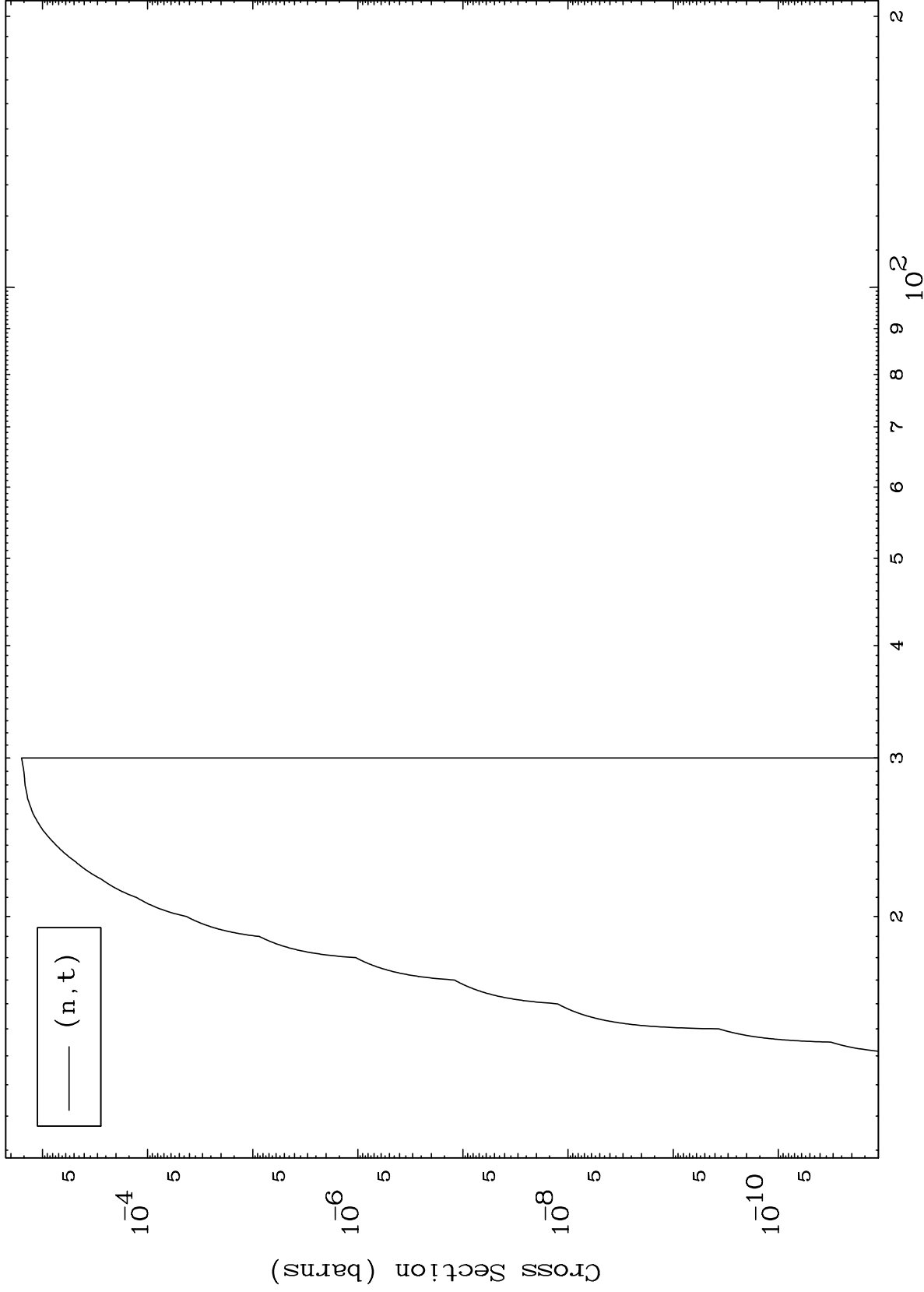
50-Sn-131



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(n,t) Levels
293 Kelvin Cross Sections

50-Sn-131



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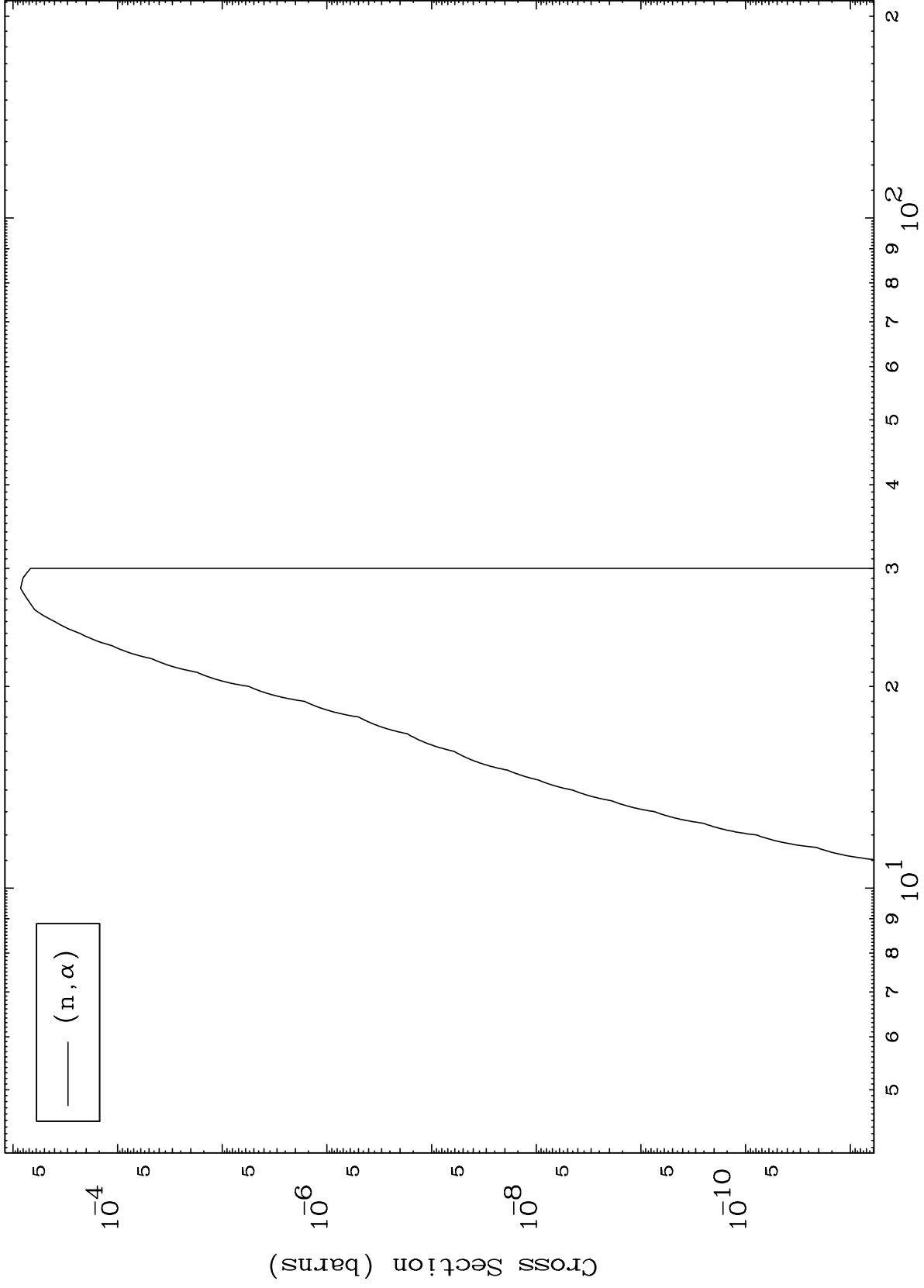
Incident Energy (MeV)

50-Sn-131

MAT 5083

(n, α) Levels
293 Kelvin Cross Sections

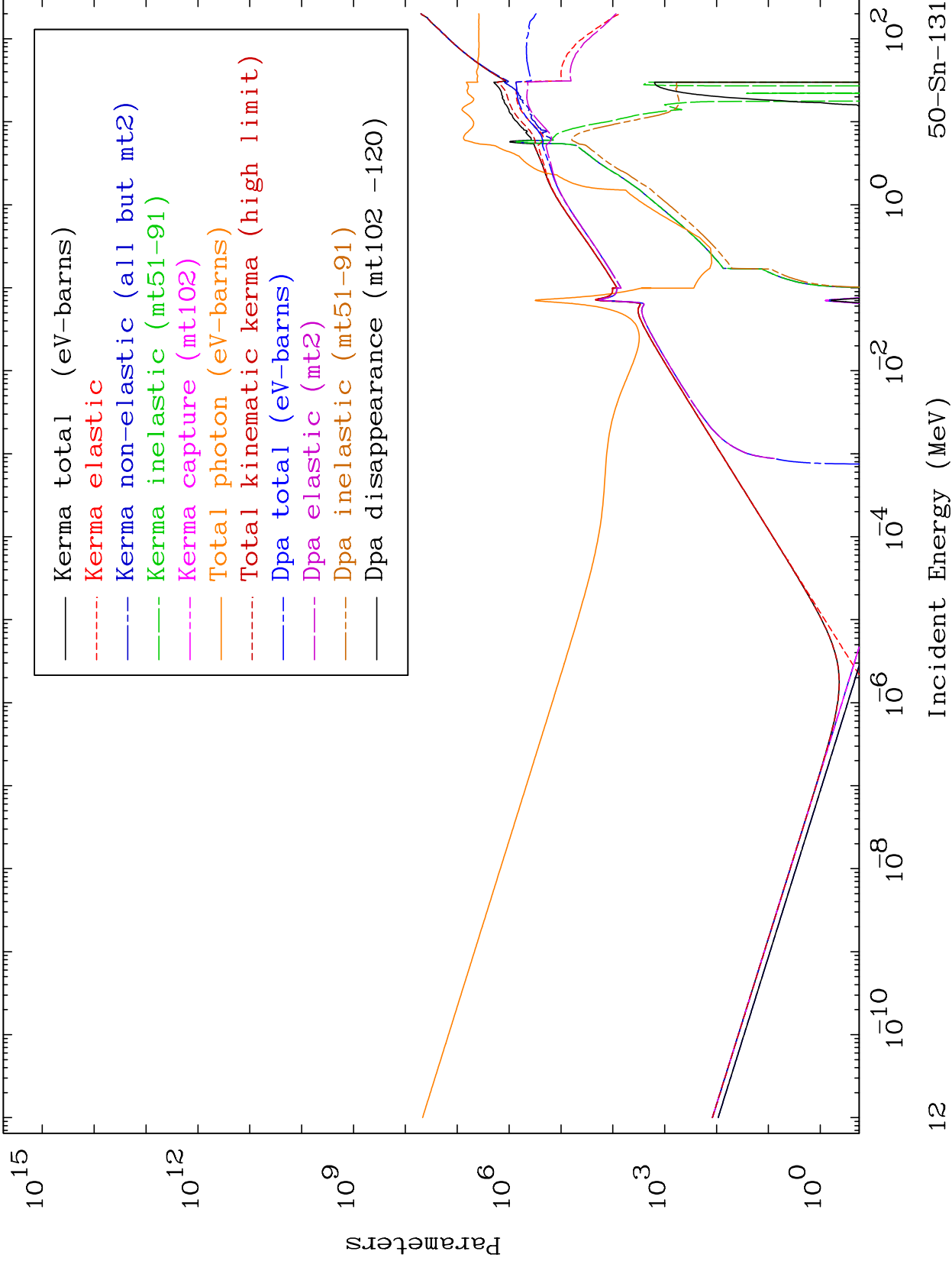
50-Sn-131

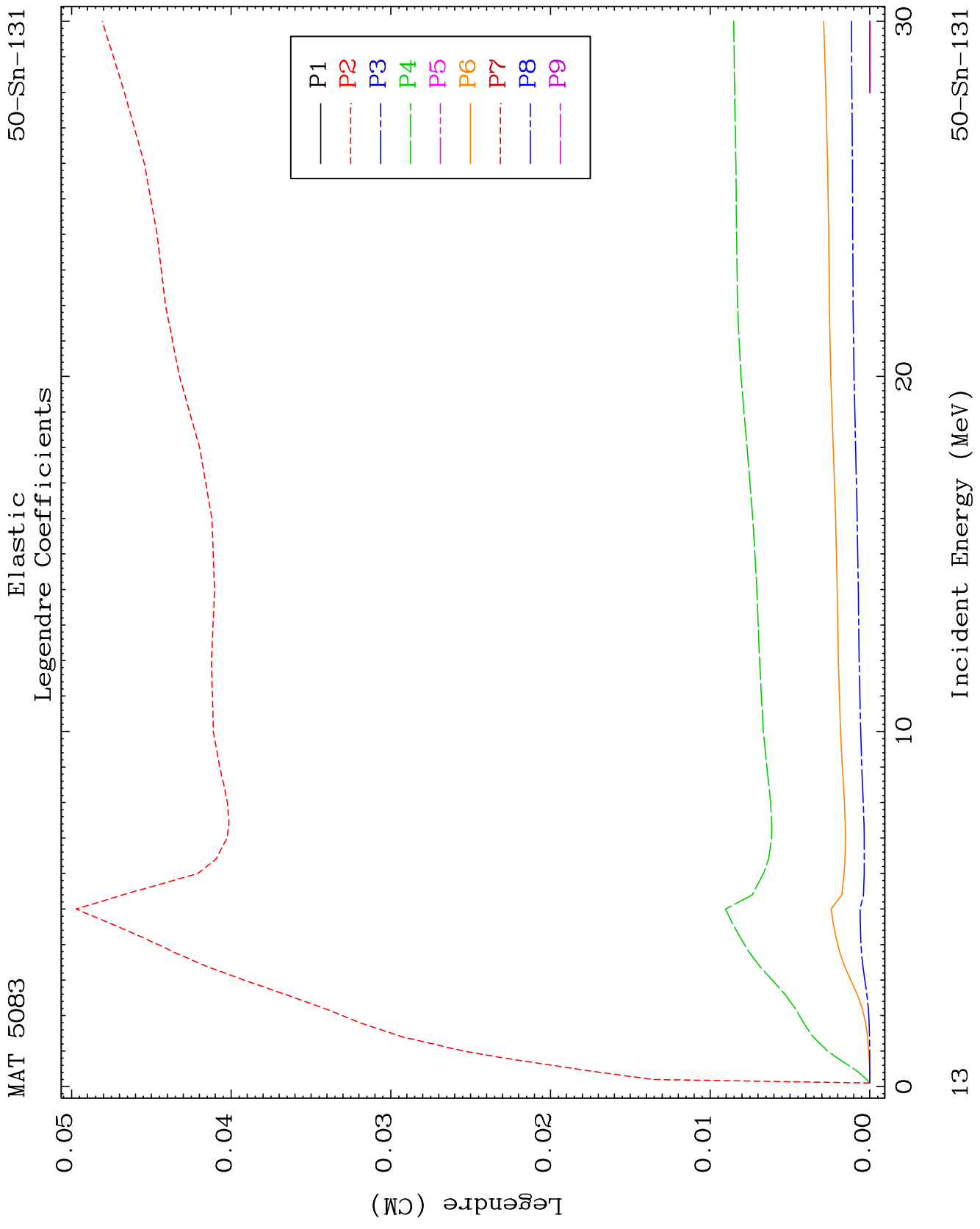


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Incident Energy (MeV)

50-Sn-131





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Elastic Legendre Coefficients

50-Sn-131

13

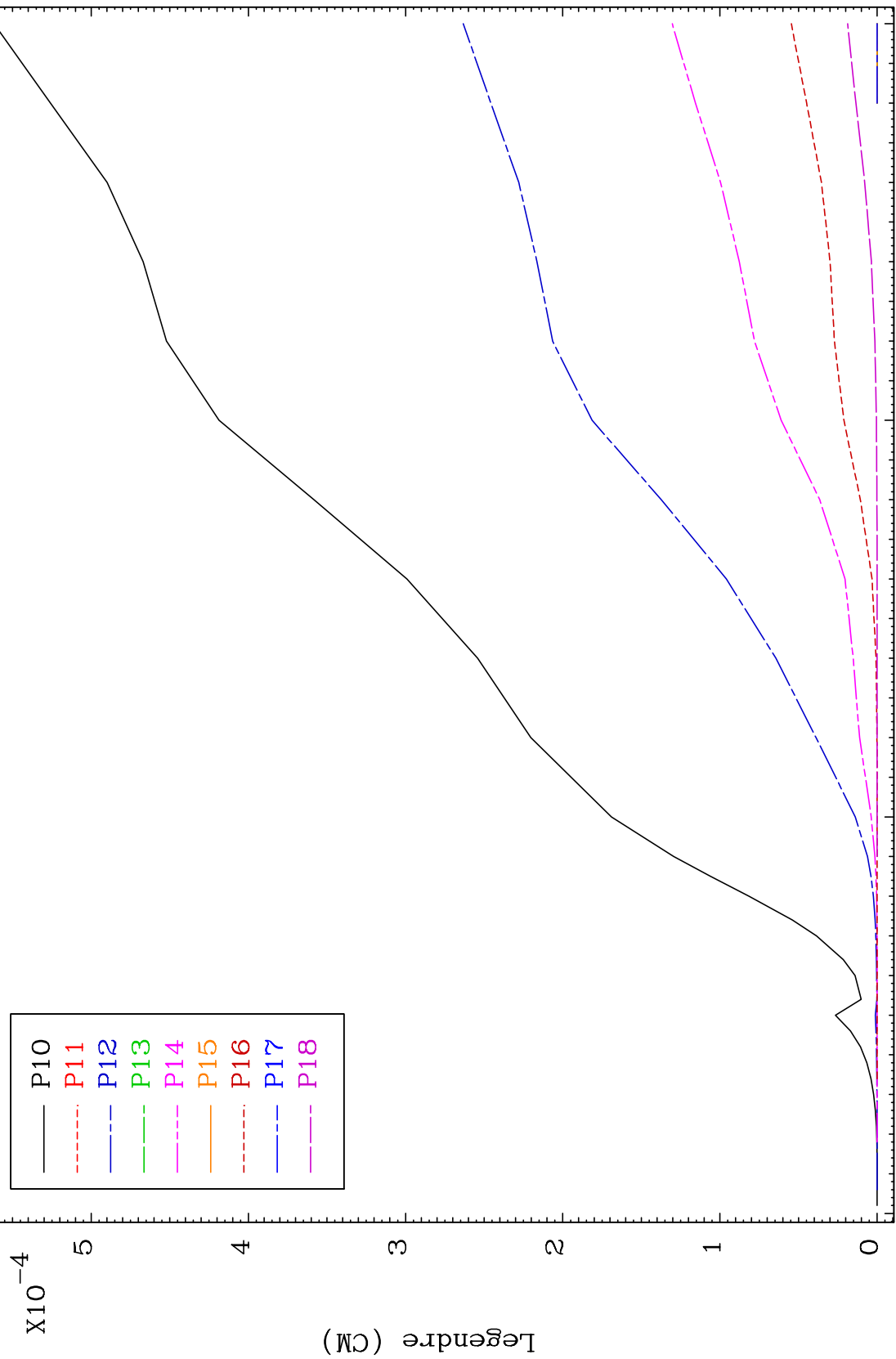
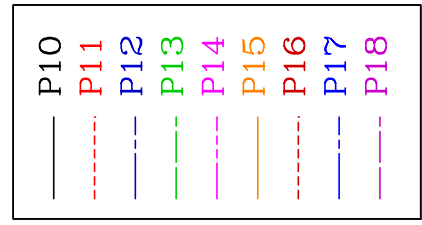
Incident Energy (MeV)

50-Sn-131

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Elastic Legendre Coefficients

50-Sn-131



14

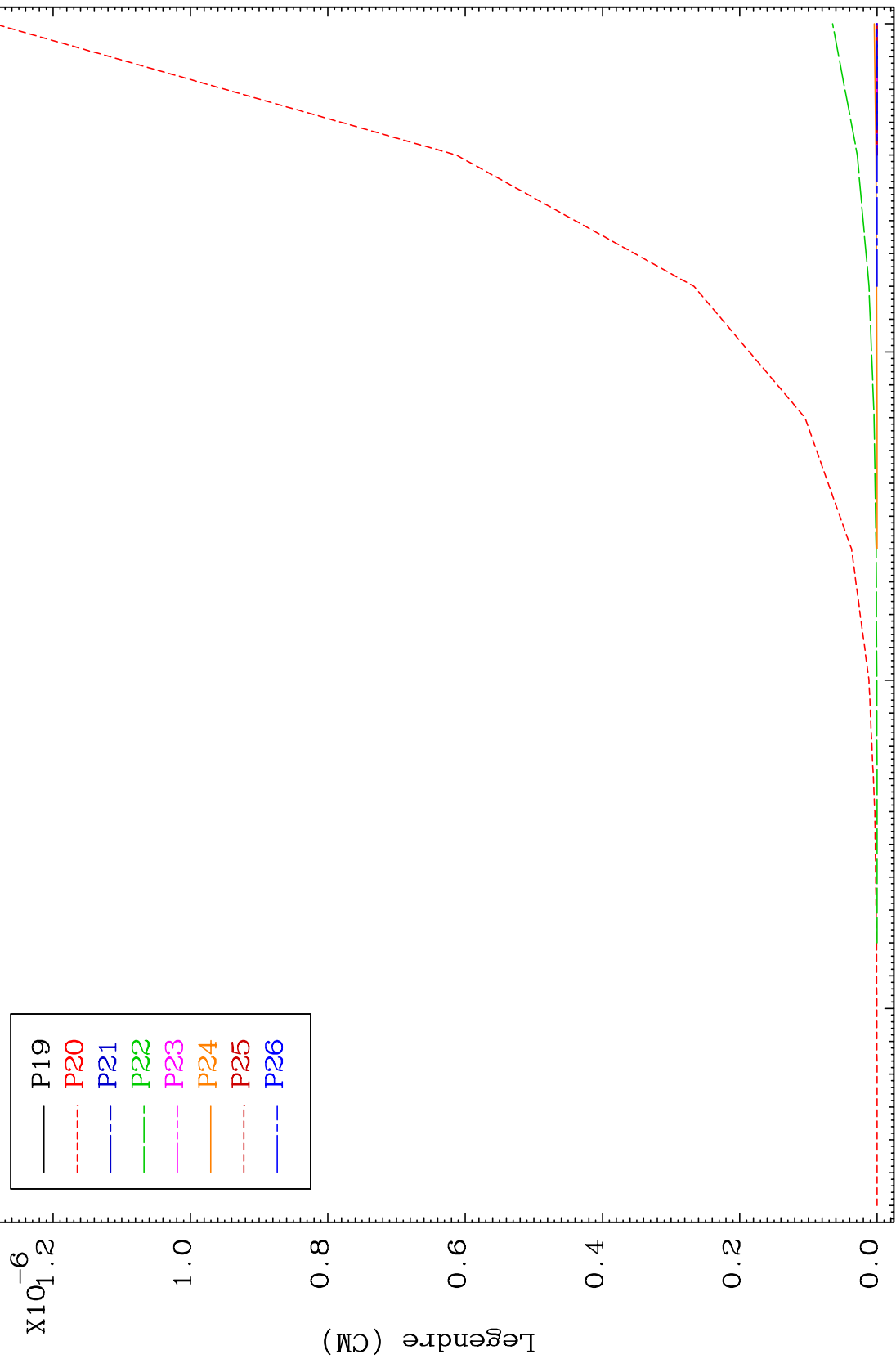
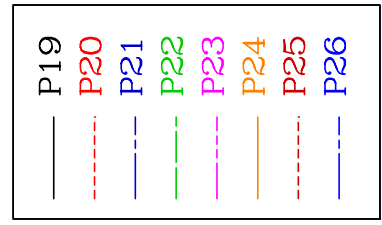
Incident Energy (MeV)

50-Sn-131

MAT 5083

Elastic Legendre Coefficients

50-Sn-131



15

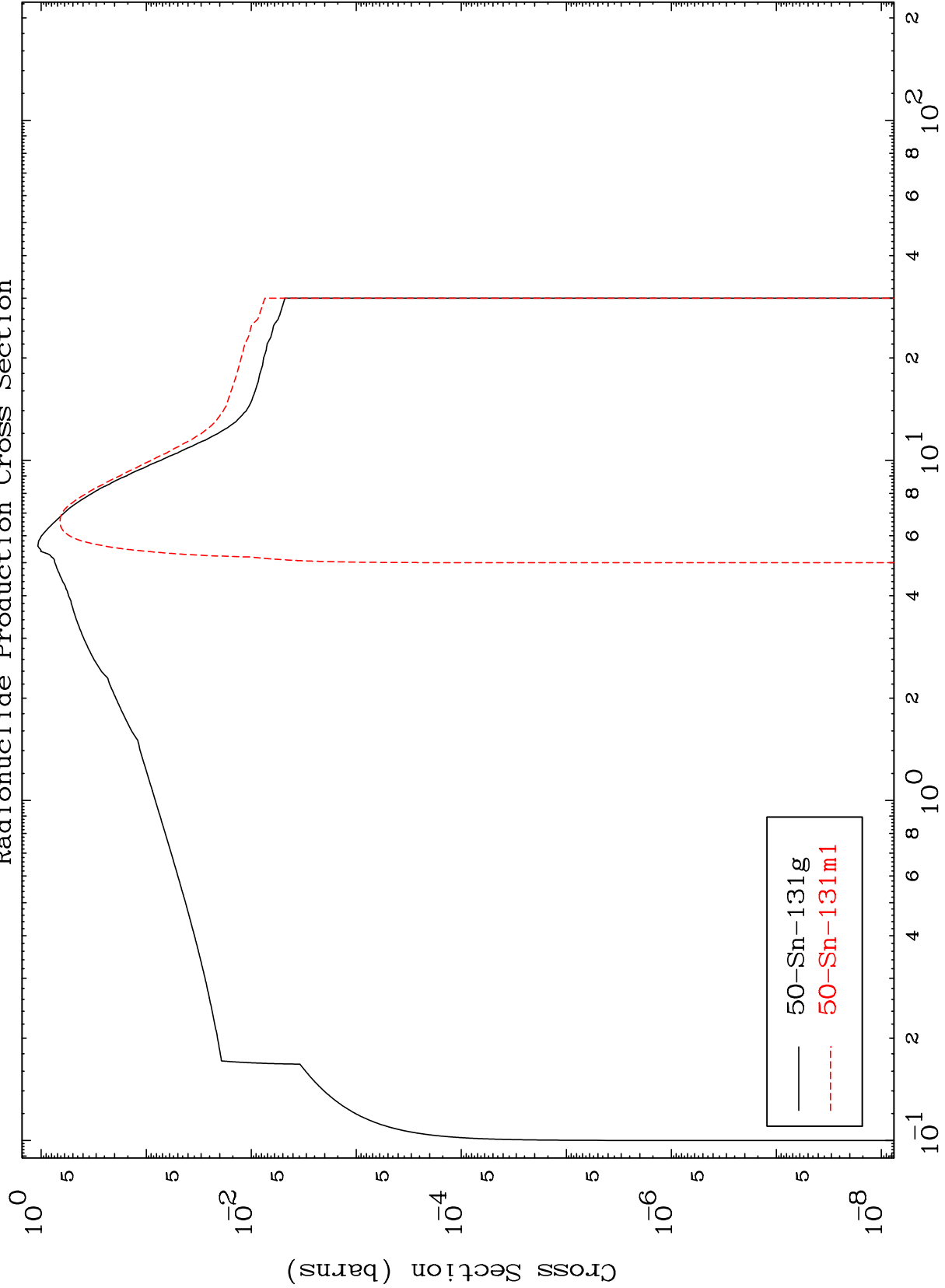
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

Inelastic
Radionuclide Production Cross Section



50-Sn-131

Incident Energy (MeV)

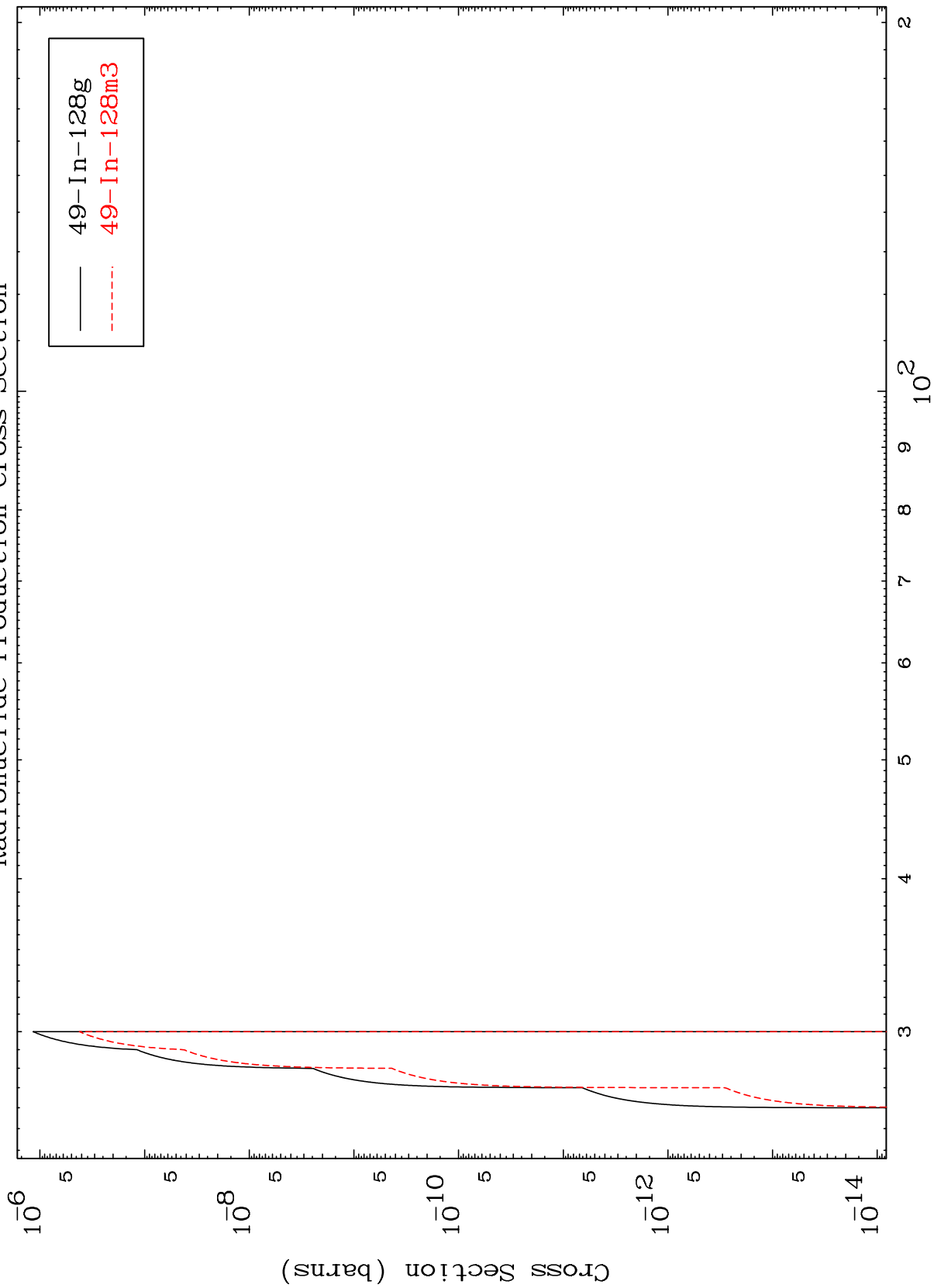
16

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(n,2n) d

50-Sn-131

Radionuclide Production Cross Section



17

50-Sn-131

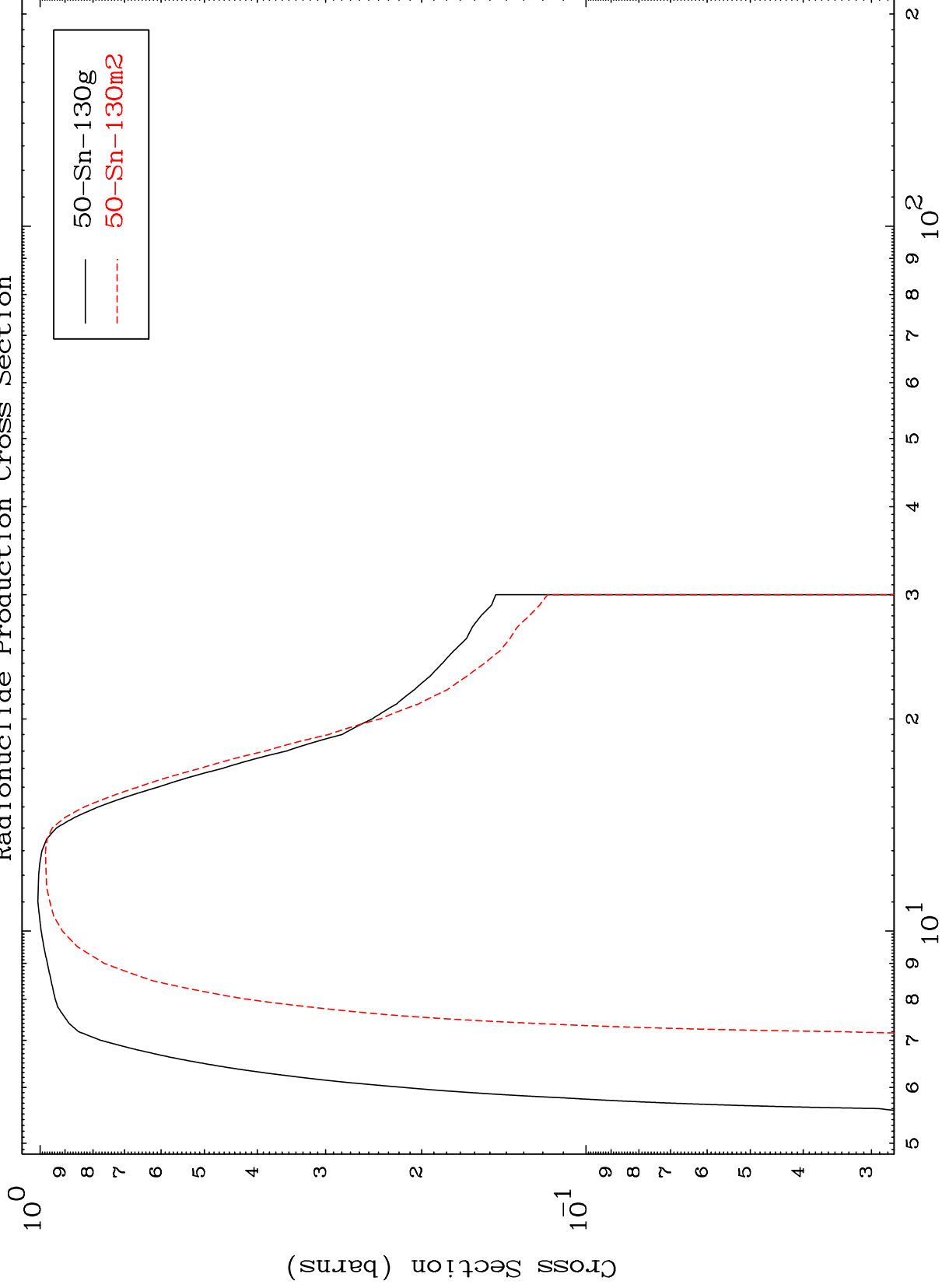
Incident Energy (MeV)

MAT 5083

(n,2n)

50-Sn-131

Radionuclide Production Cross Section



18

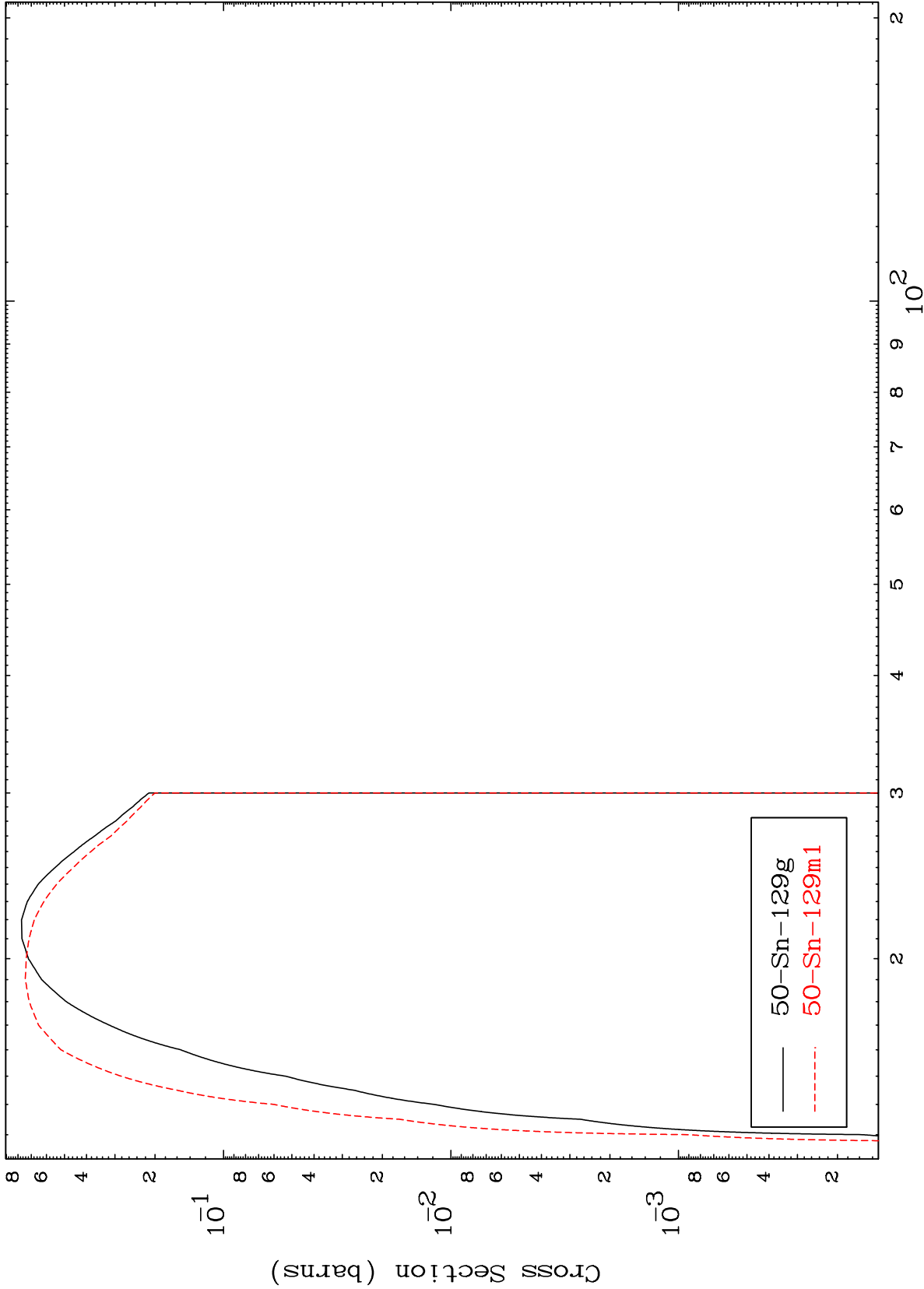
Incident Energy (MeV)

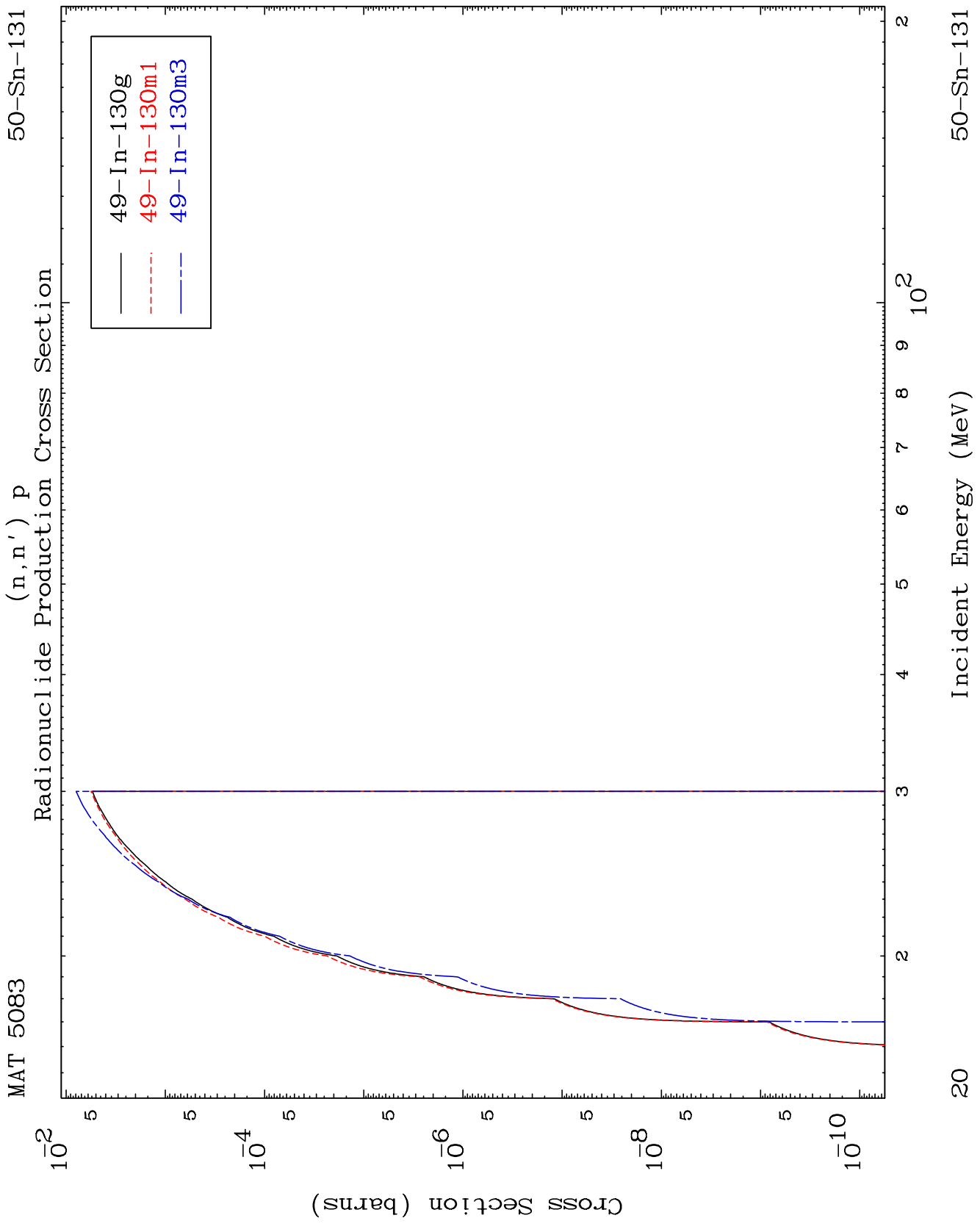
50-Sn-131

MAT 5083

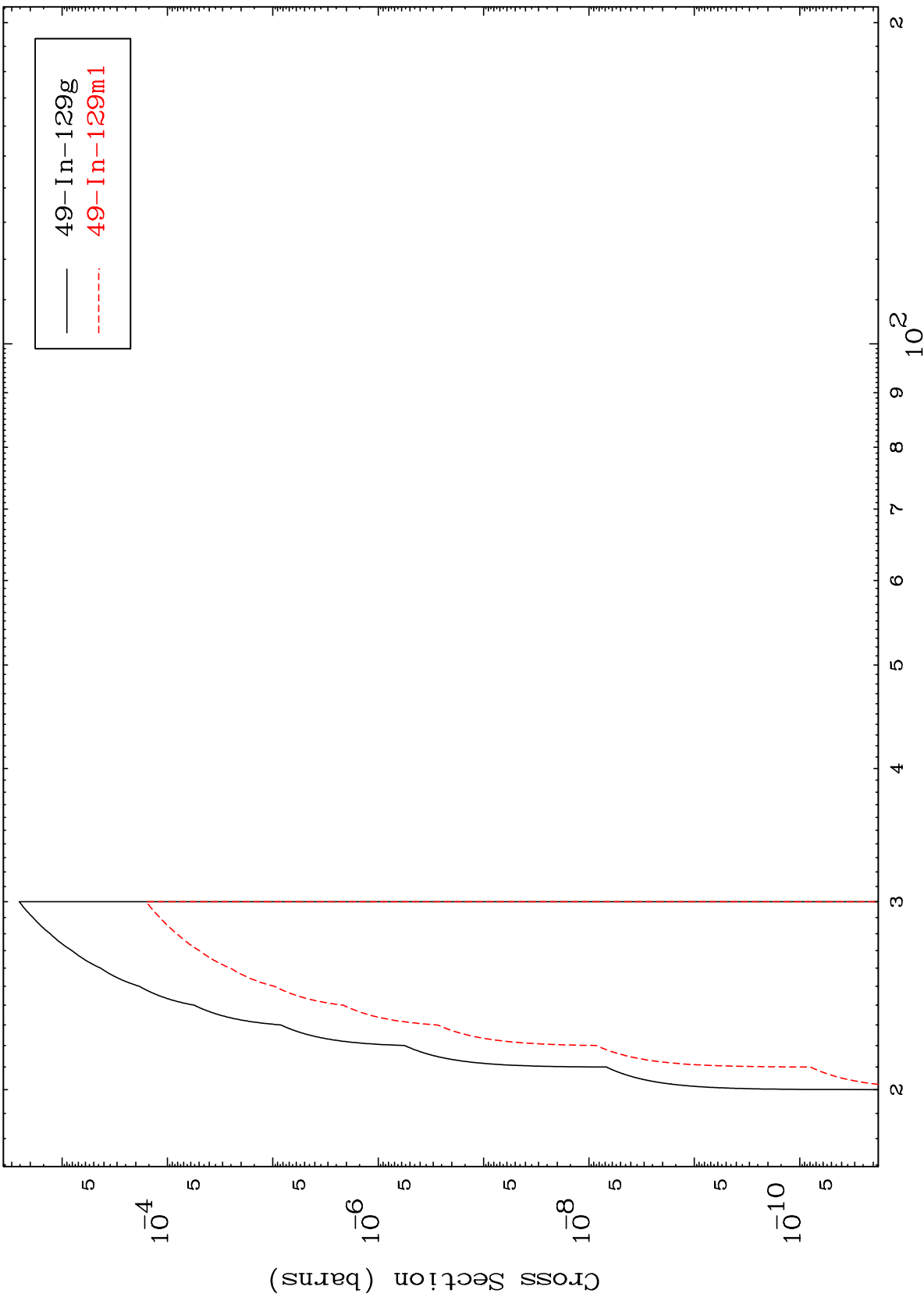
50-Sn-131

(n,3n)
Radionuclide Production Cross Section



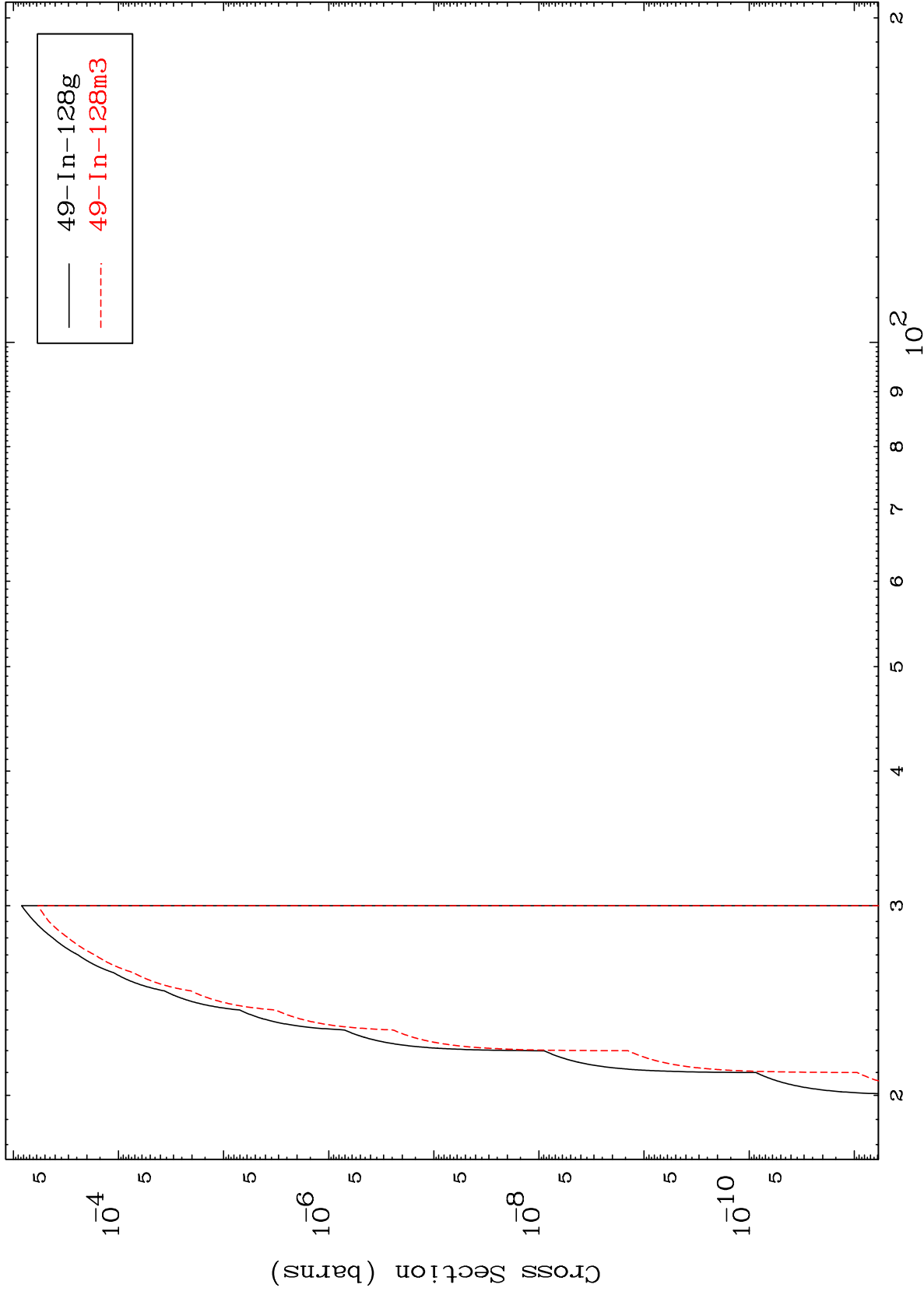


Radionuclide Production Cross Section



— 49-In-129g
- - - 49-In-129m1

Radionuclide Production Cross Section

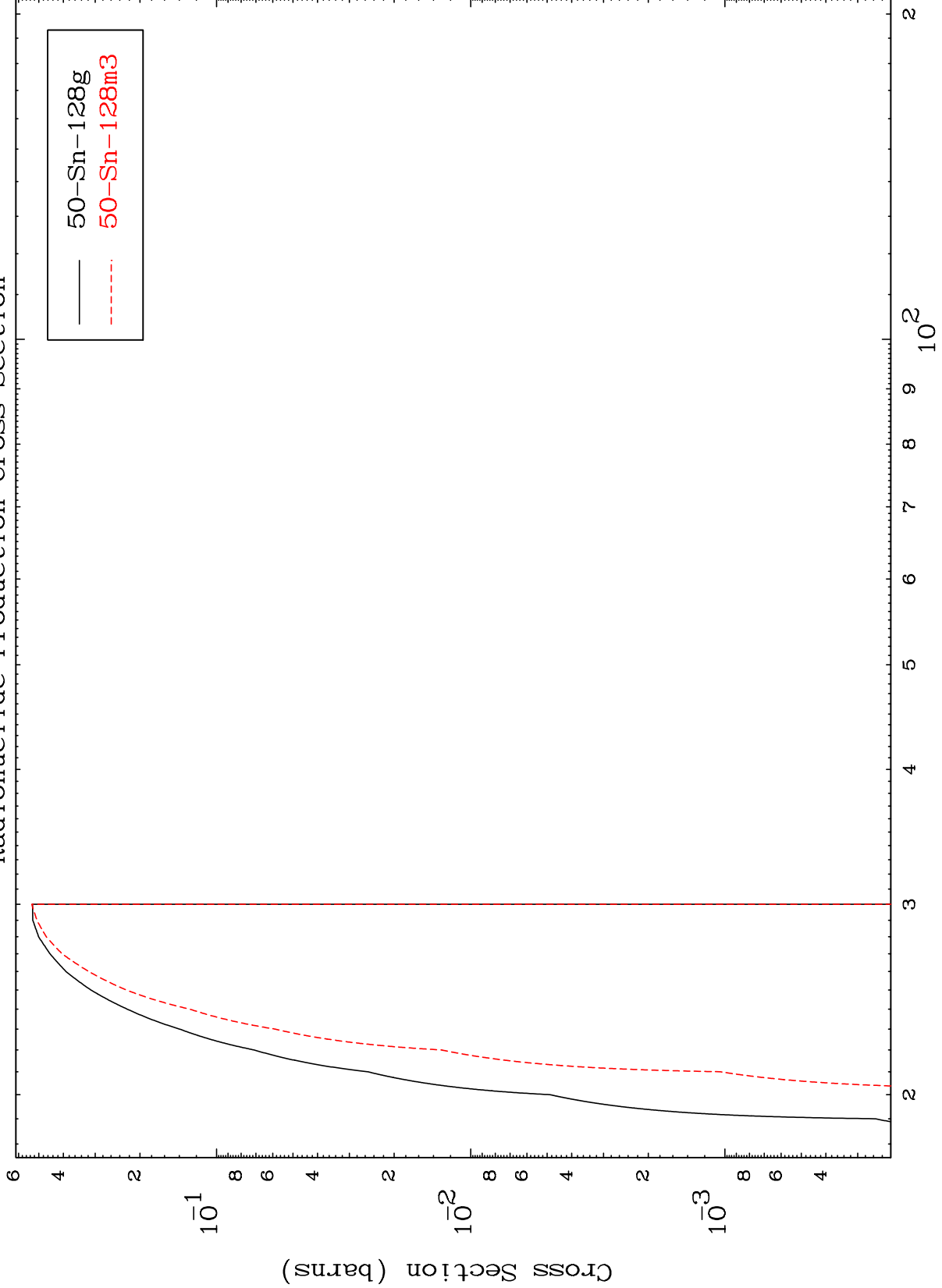


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(n,4n)

50-Sn-131

Radionuclide Production Cross Section



50-Sn-128g
50-Sn-128m3

23

Incident Energy (MeV)

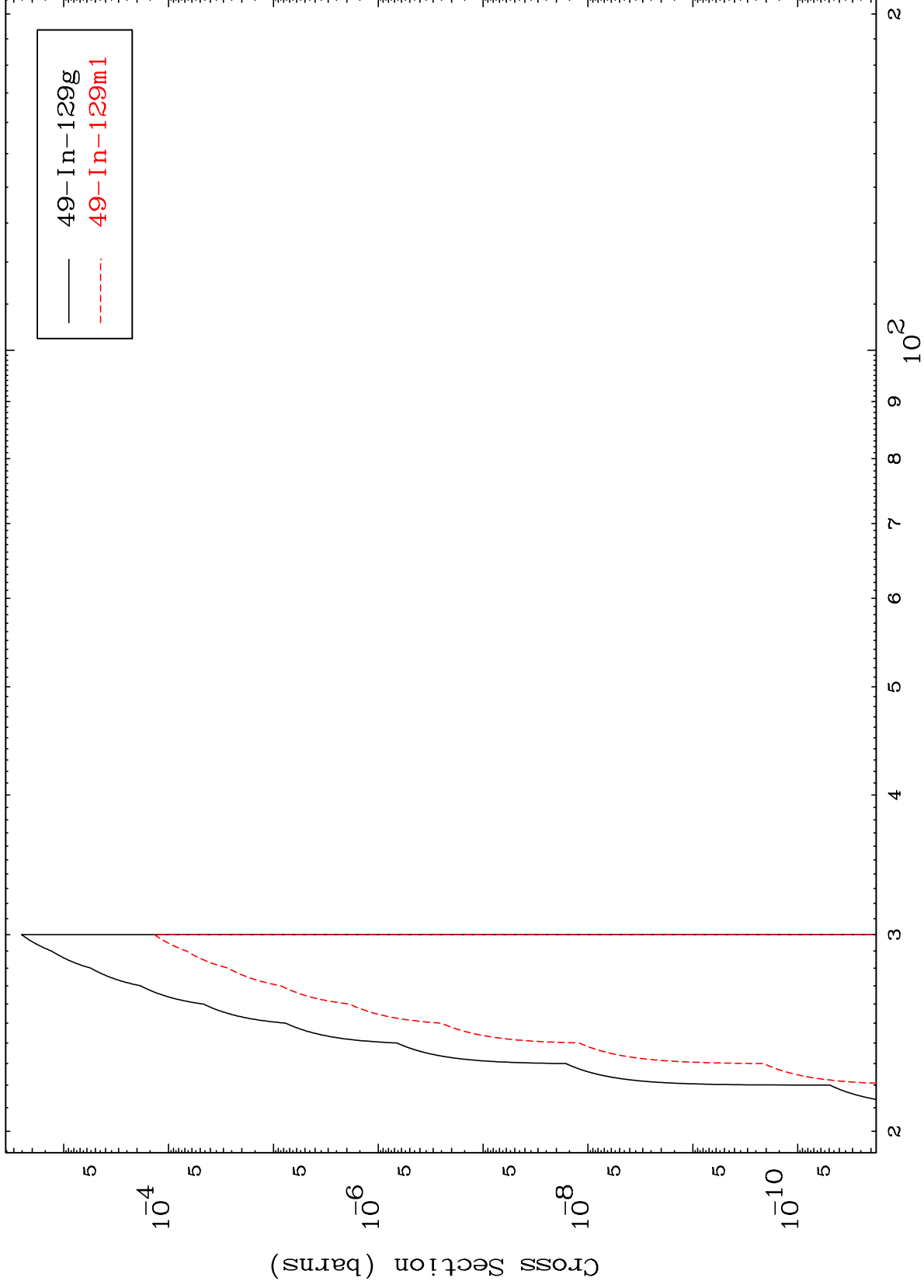
50-Sn-131

MAT 5083

(n,2n) p

50-Sn-131

Radionuclide Production Cross Section



24

Incident Energy (MeV)

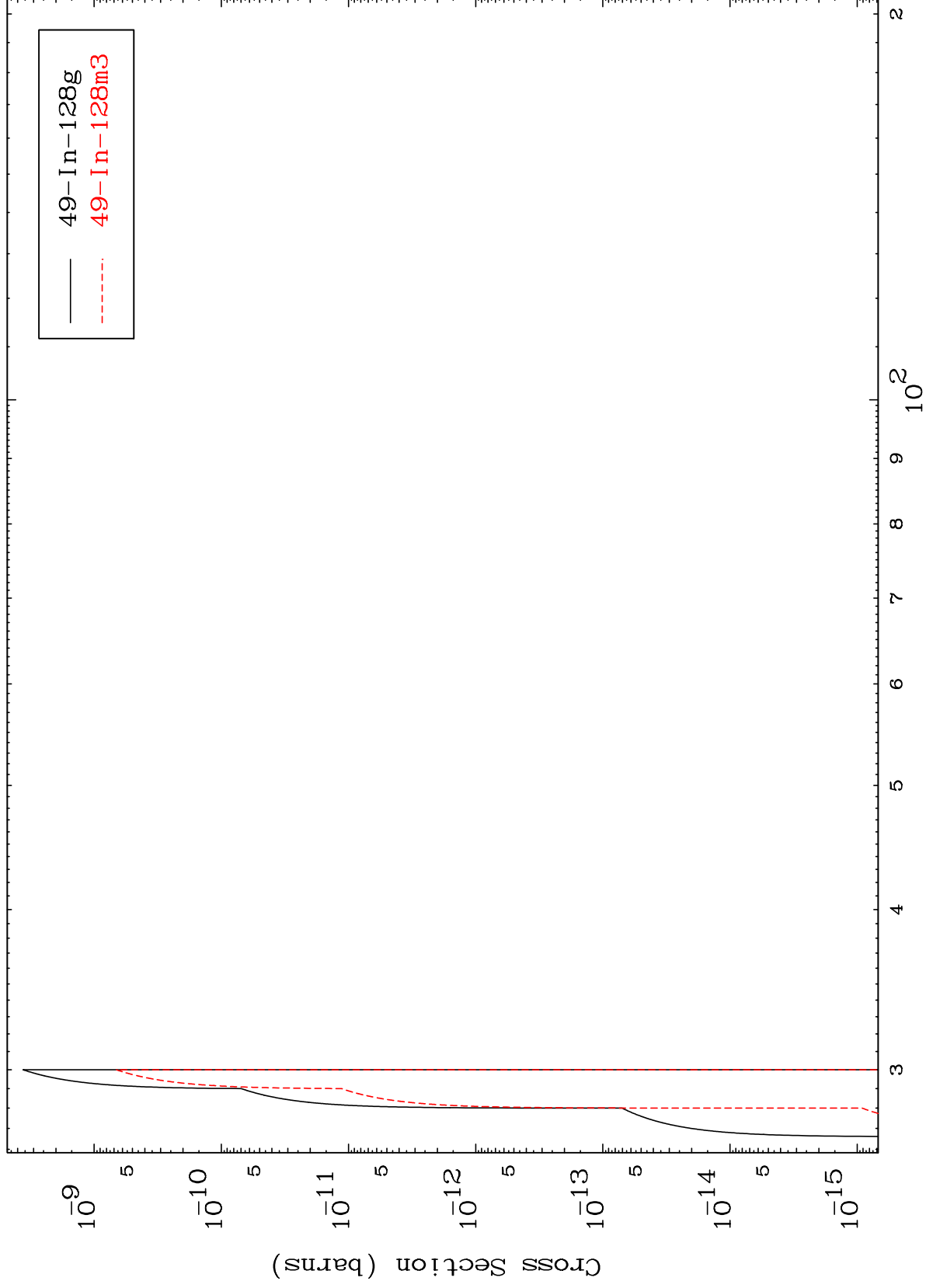
50-Sn-131

MAT 5083

(n,3n) p

50-Sn-131

Radionuclide Production Cross Section



25

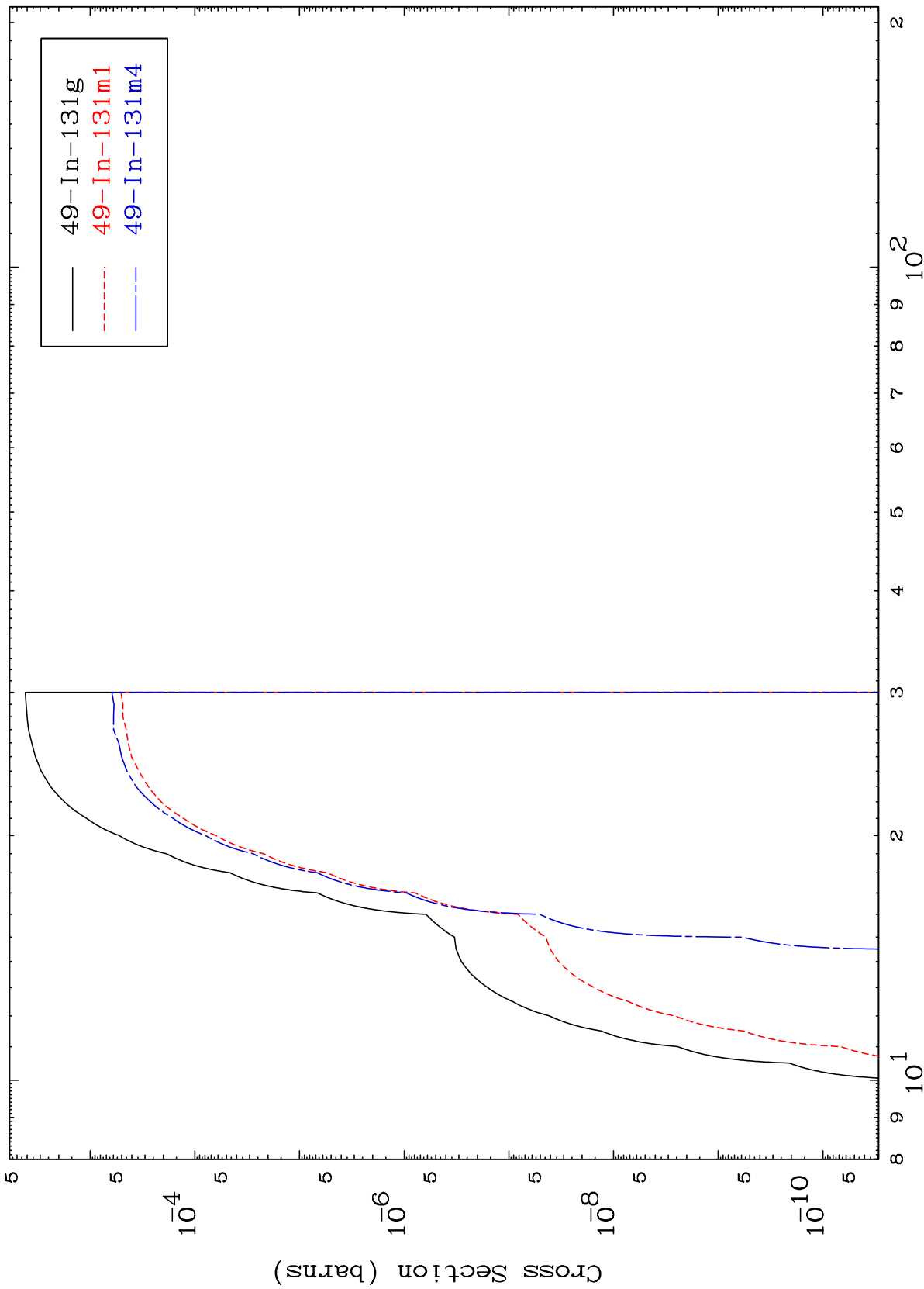
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

(n,p)
Radionuclide Production Cross Section



50-Sn-131

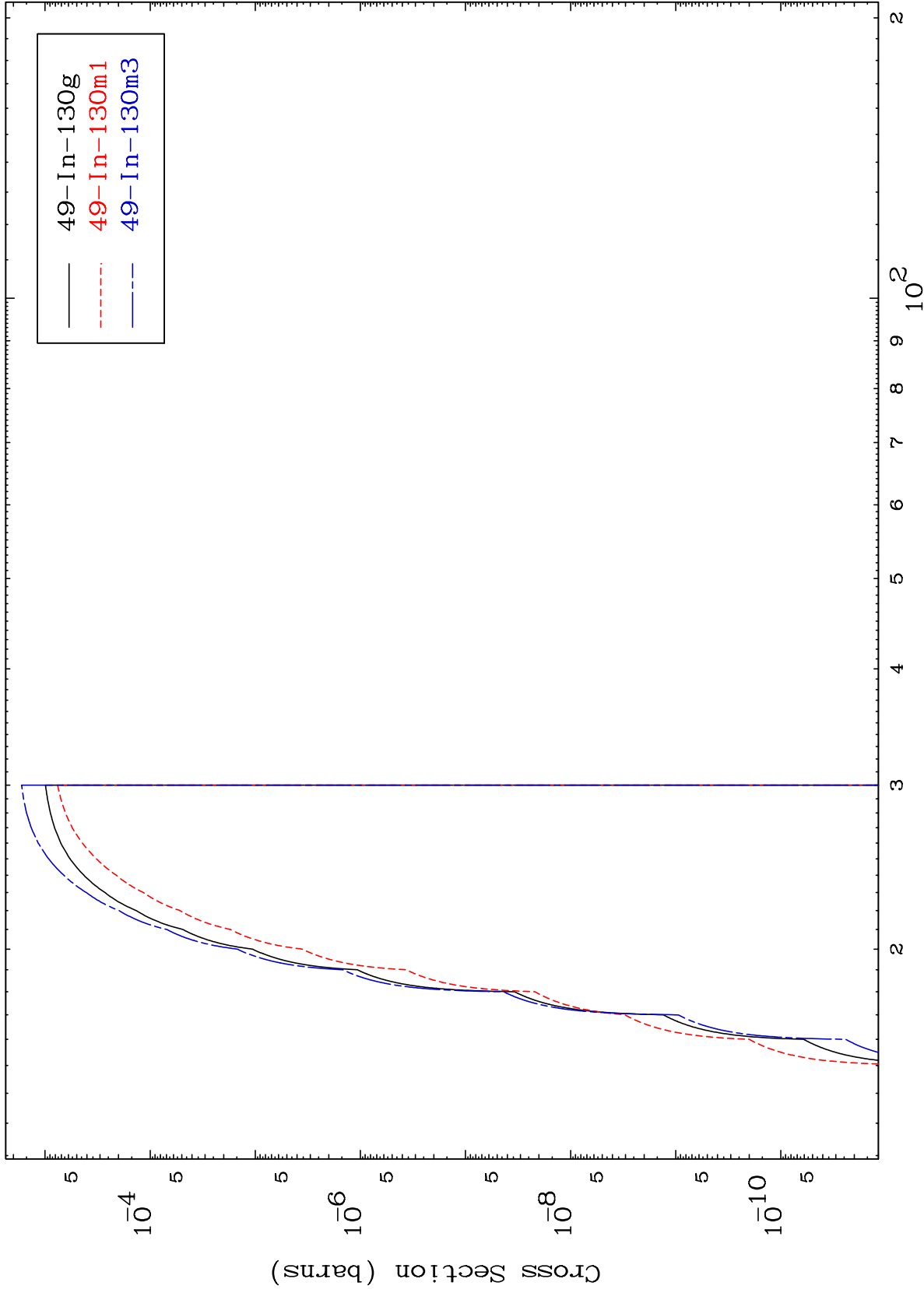
Incident Energy (MeV)

26

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50-Sn-131

(n,d)
Radionuclide Production Cross Section



50-Sn-131

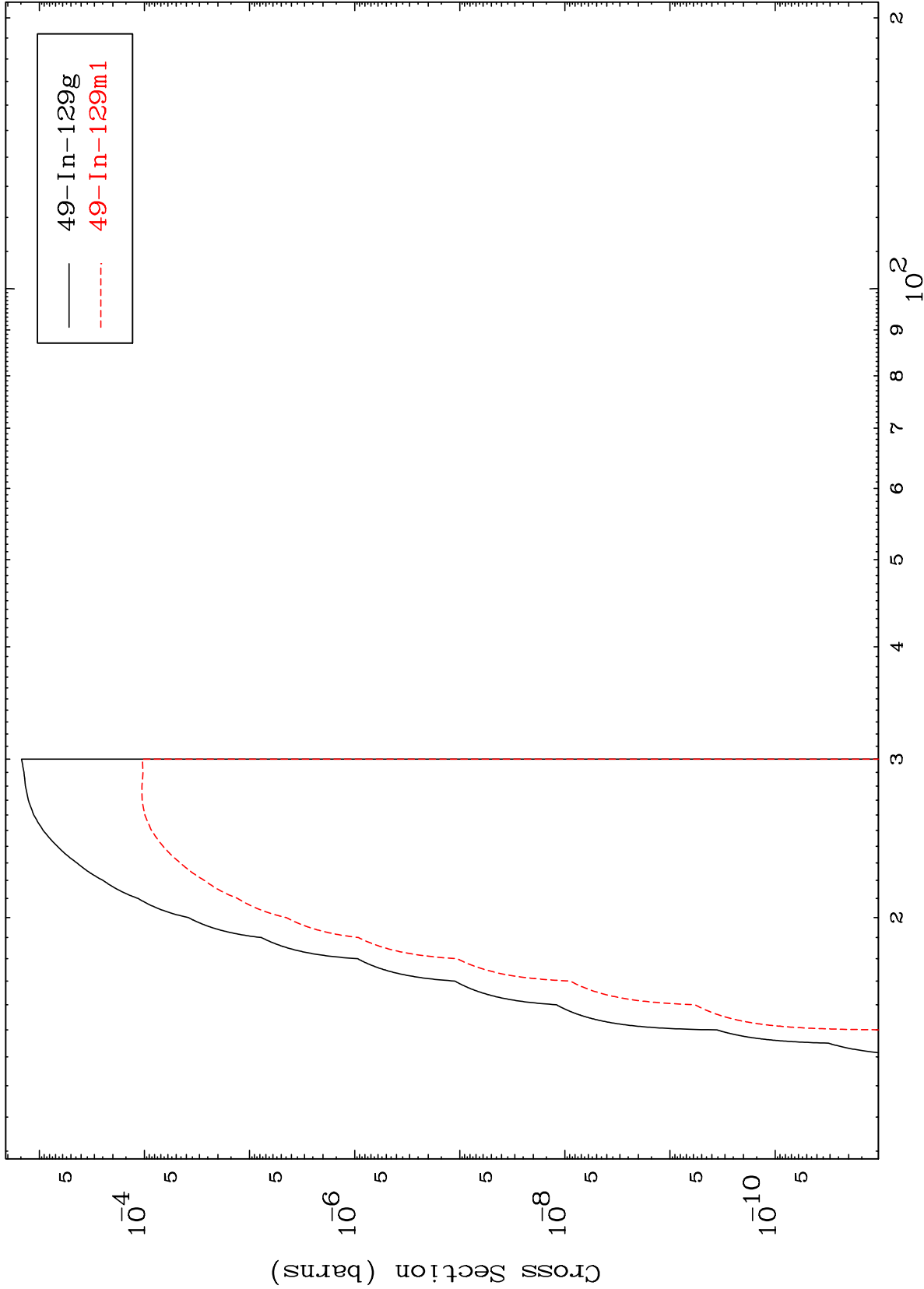
Incident Energy (MeV)

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50-Sn-131

(n,t)
Radionuclide Production Cross Section



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Incident Energy (MeV)

50-Sn-131