

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

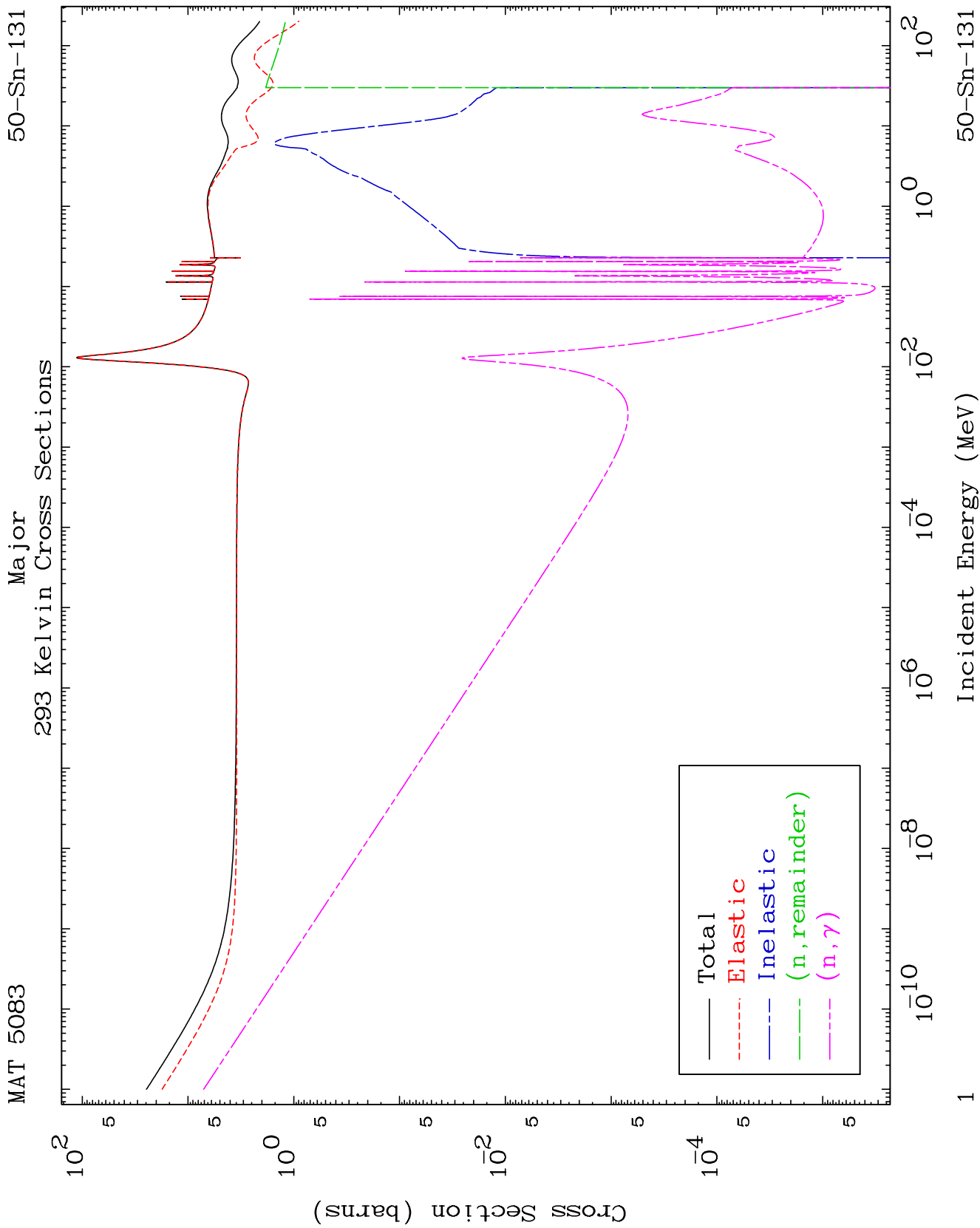
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Web:redcullen1.net/HOMEPAGE.NEW

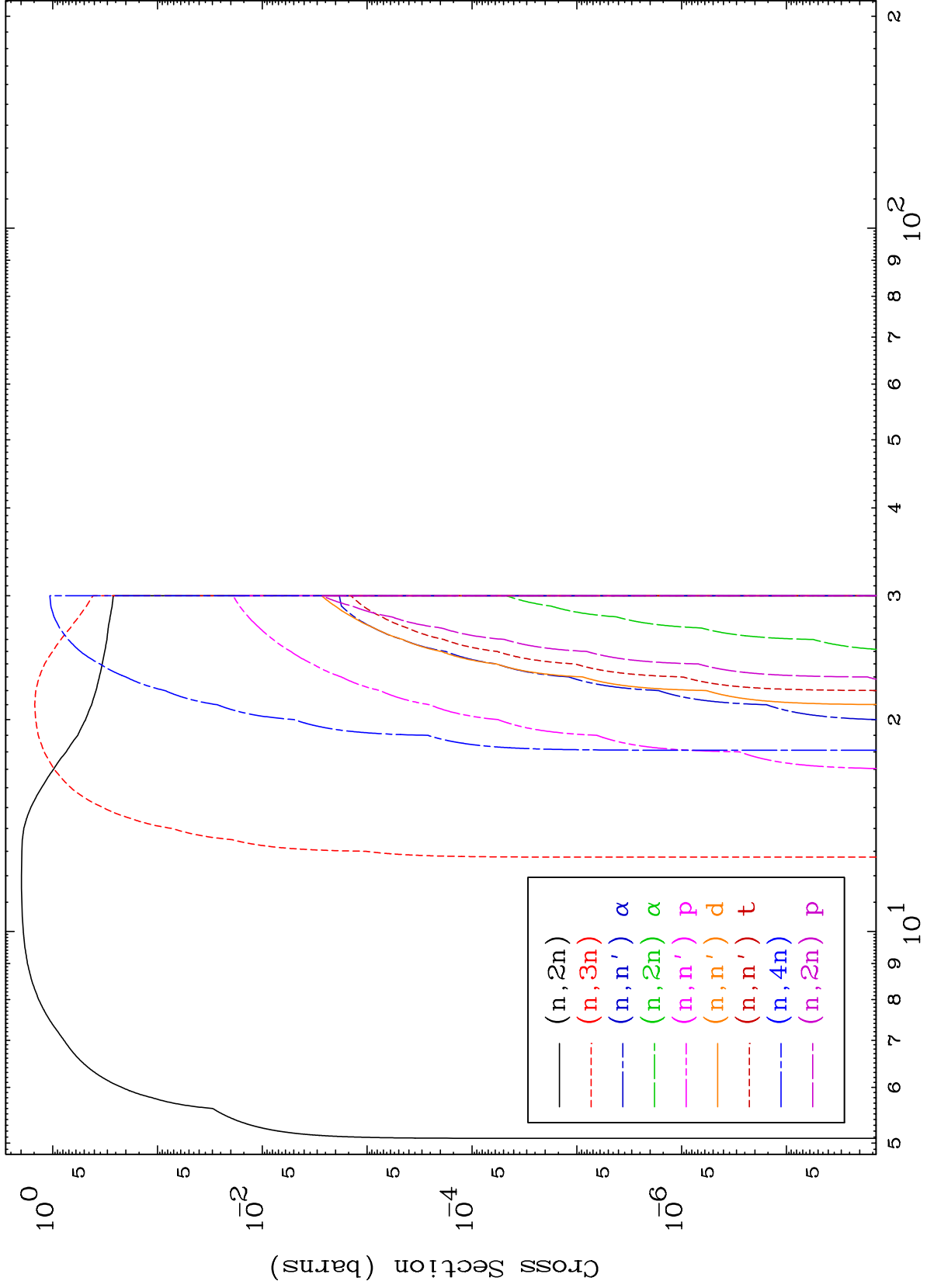
Press Mouse Button to Start



MAT 5083

Neutron Production
293 Kelvin Cross Sections

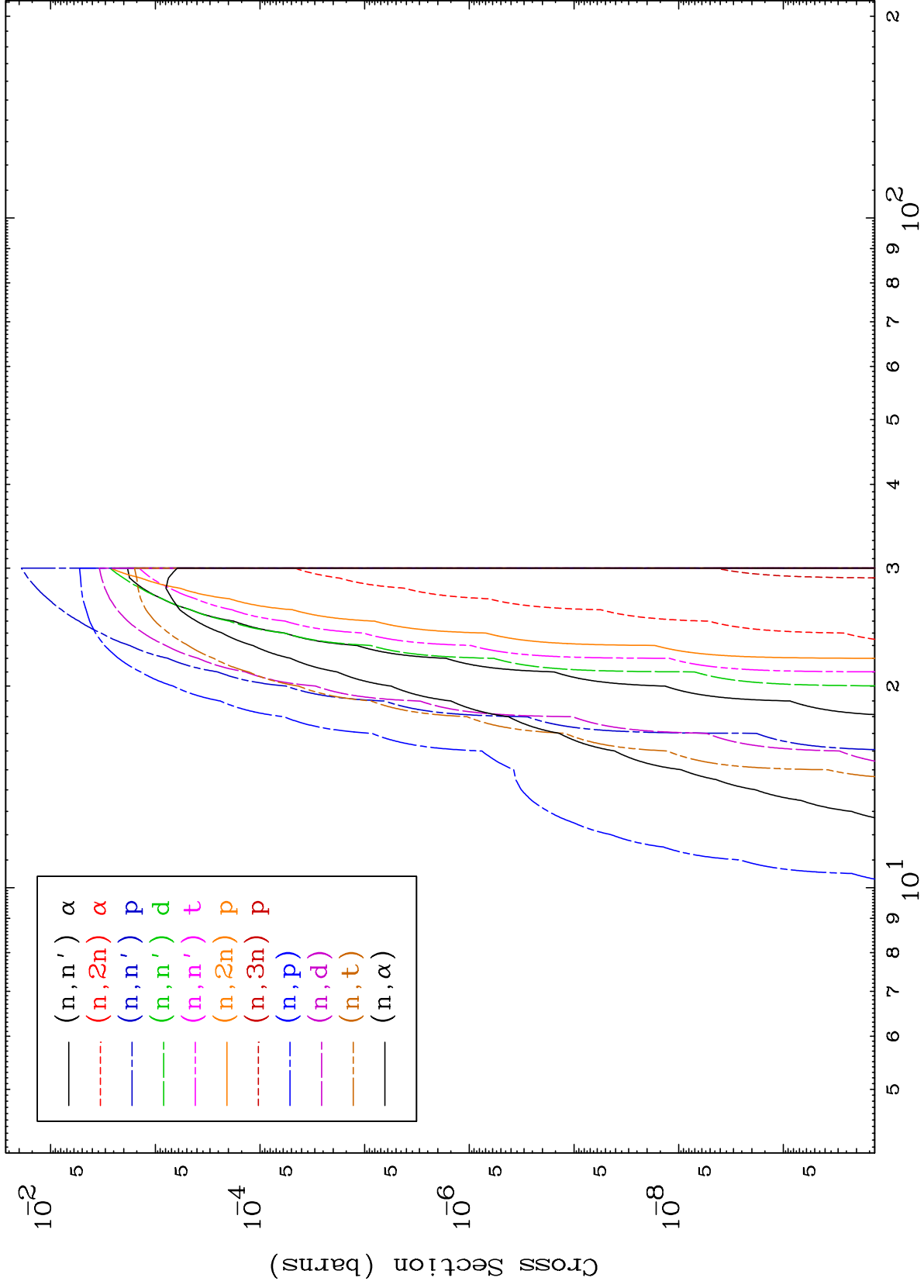
50-Sn-131

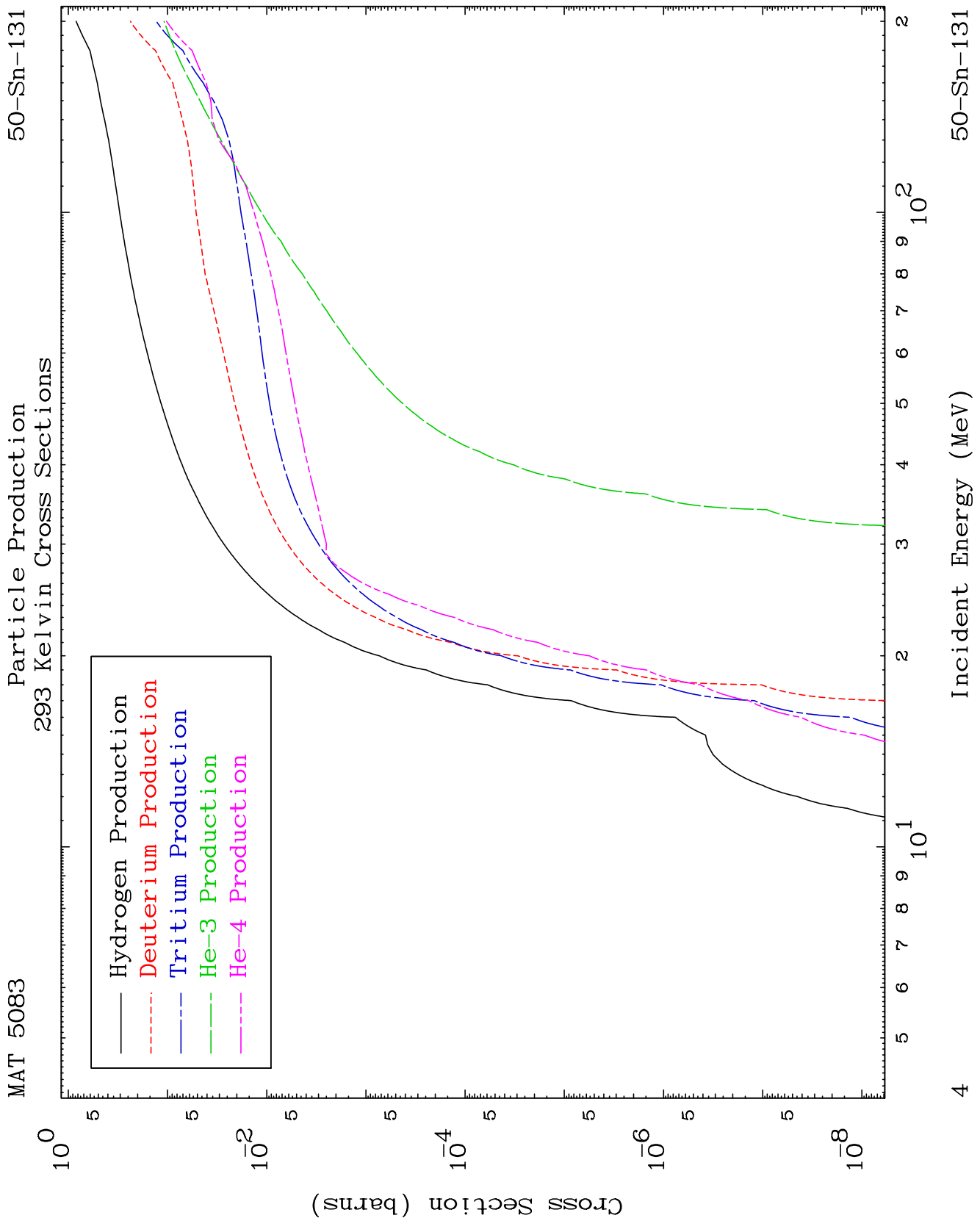


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Incident Energy (MeV)

50-Sn-131



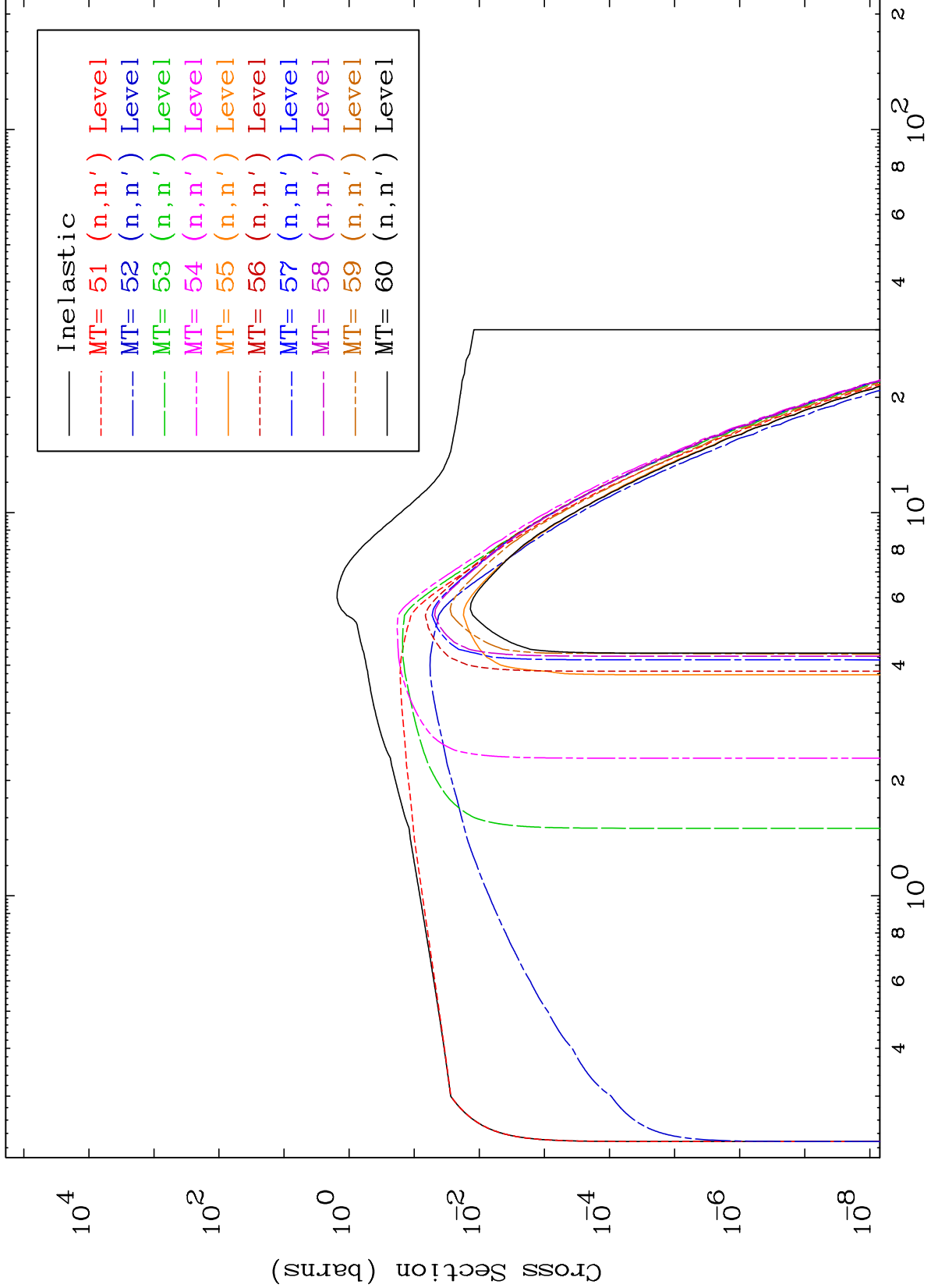


MAT 5083

(n,n') Level

50-Sn-131

293 Kelvin Cross Sections

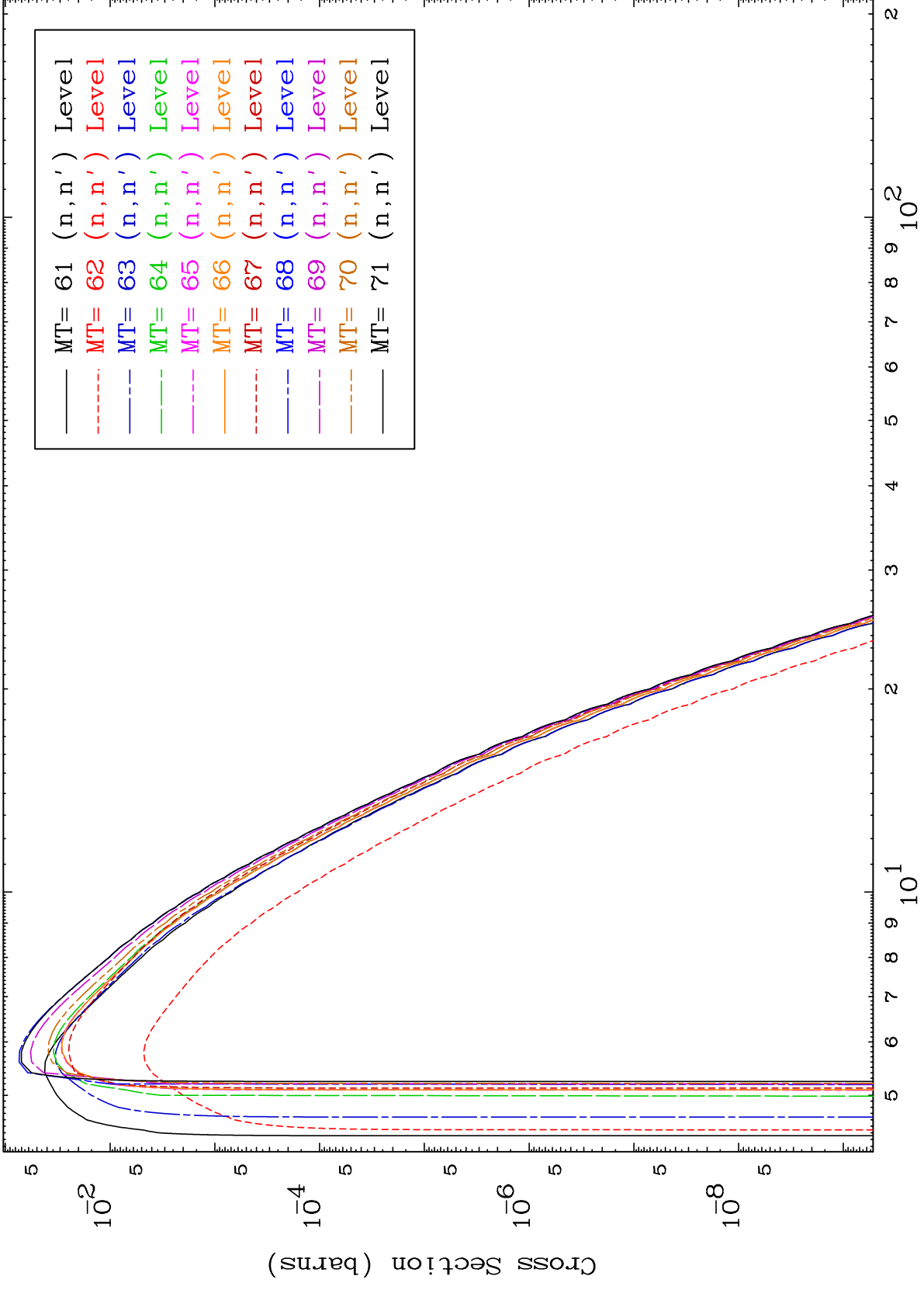


MAT 5083

(n,n') Level

50-Sn-131

293 Kelvin Cross Sections



Incident Energy (MeV)

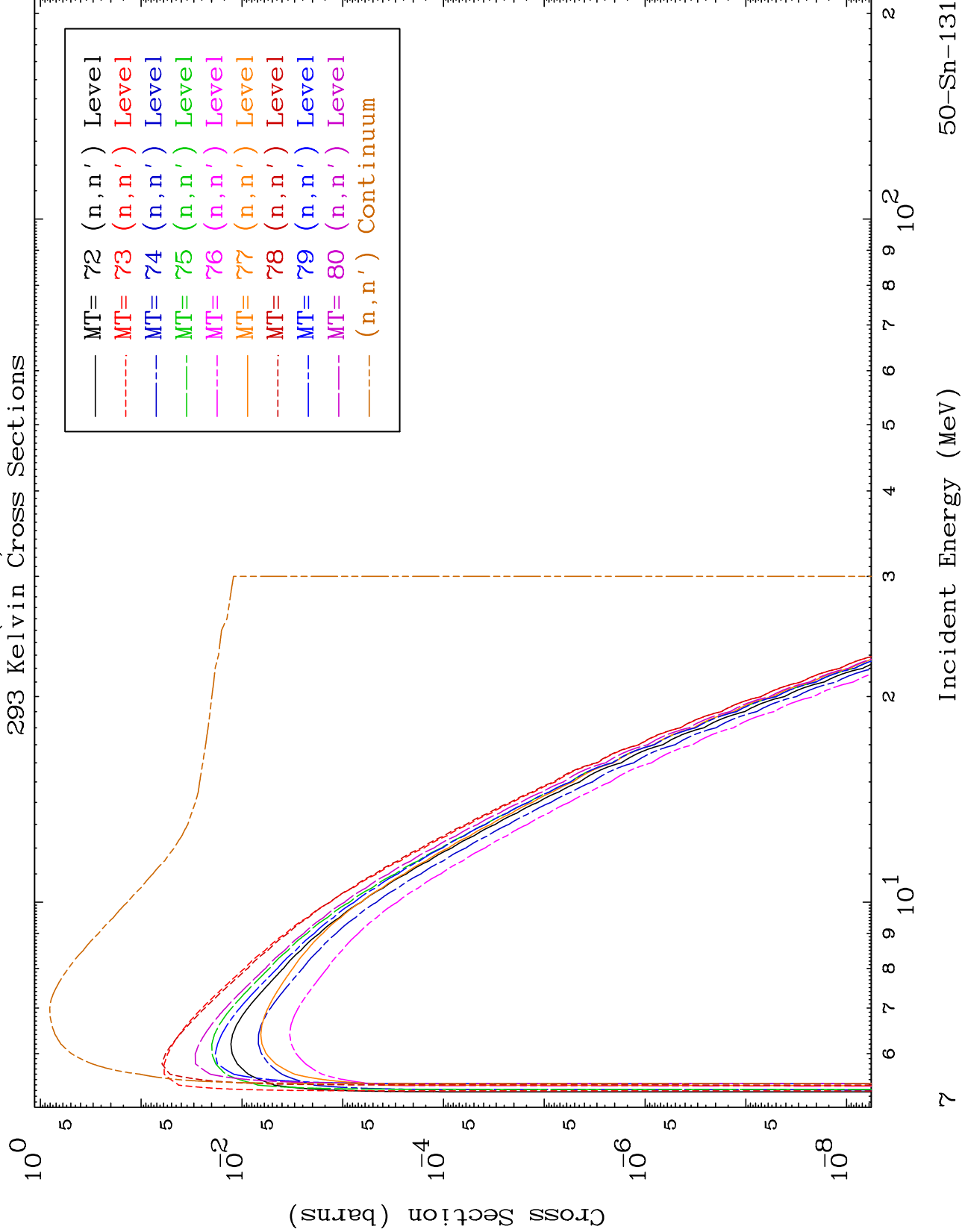
50-Sn-131

6

MAT 5083

(n,n') Level

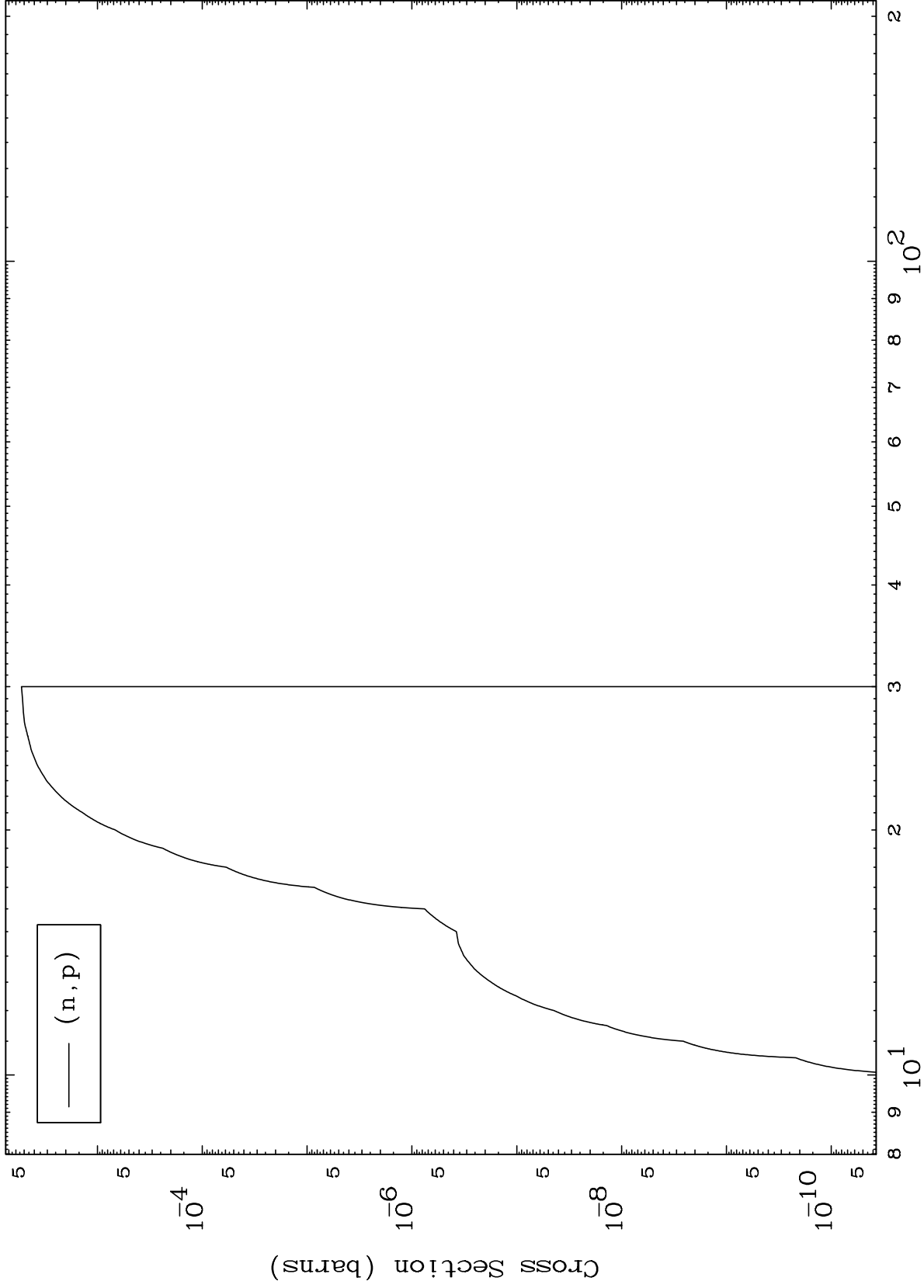
50-Sn-131



MAT 5083

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-131



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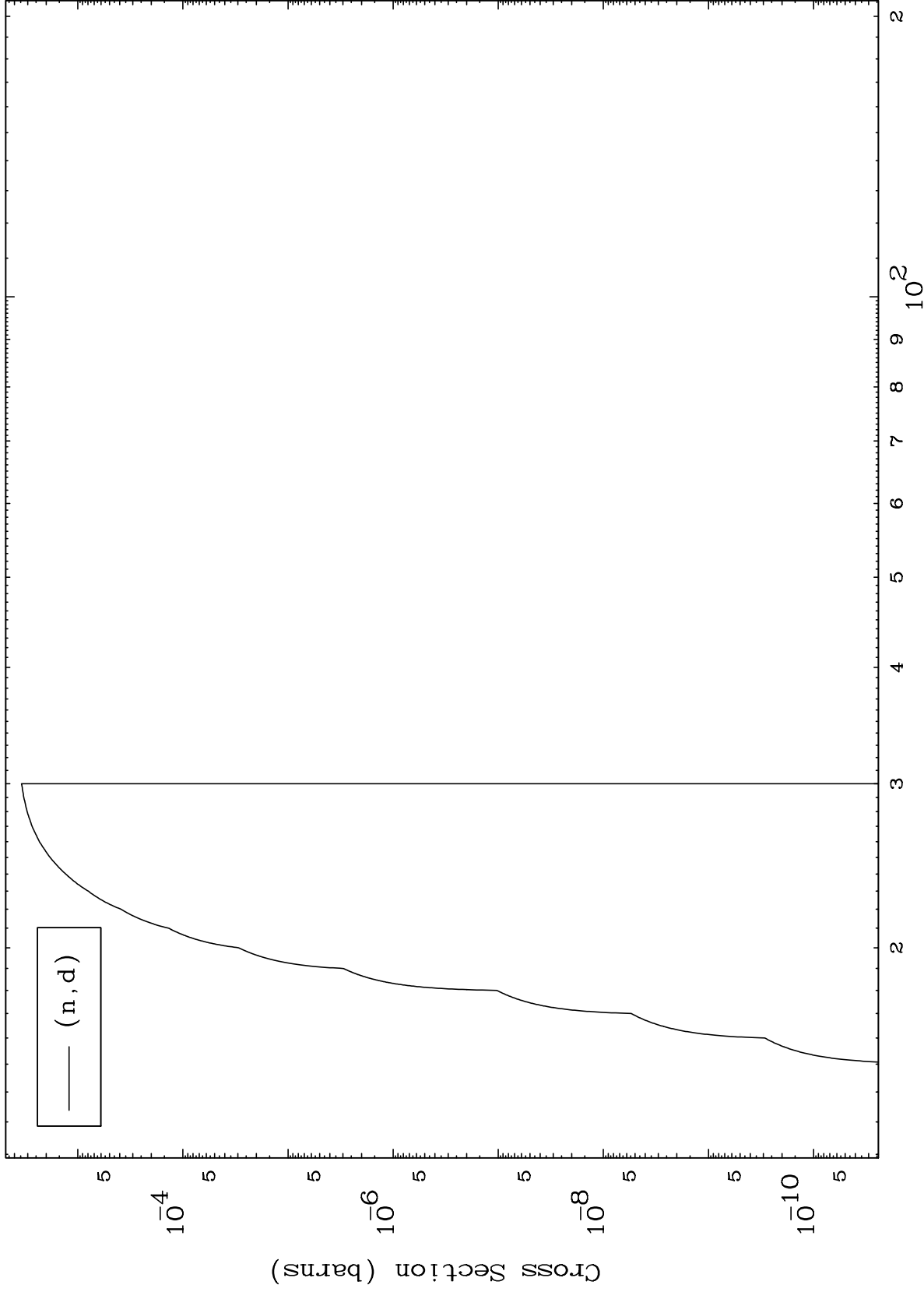
Incident Energy (MeV)

50-Sn-131

MAT 5083

(n,d) Levels
293 Kelvin Cross Sections

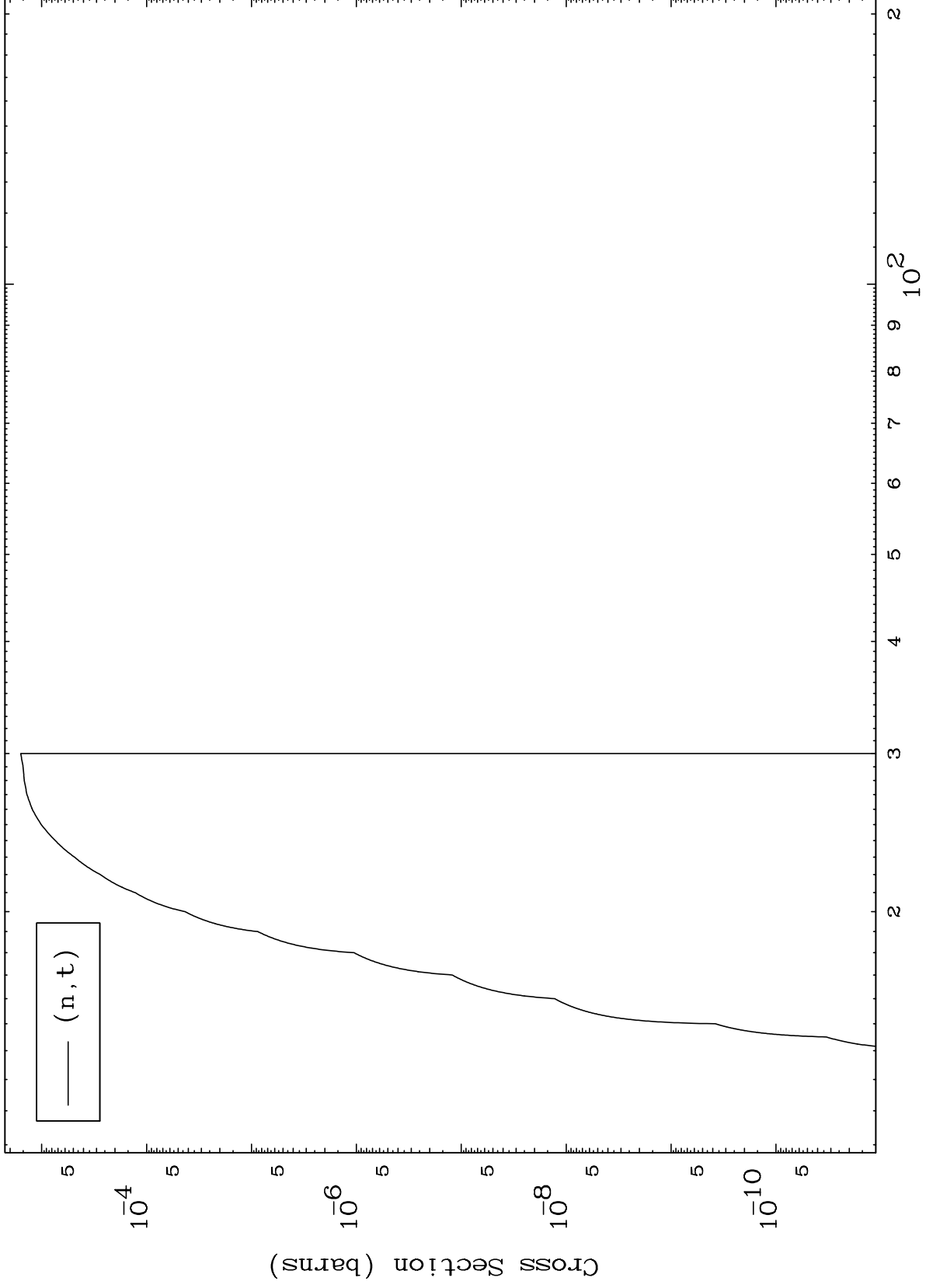
50-Sn-131



MAT 5083

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-131



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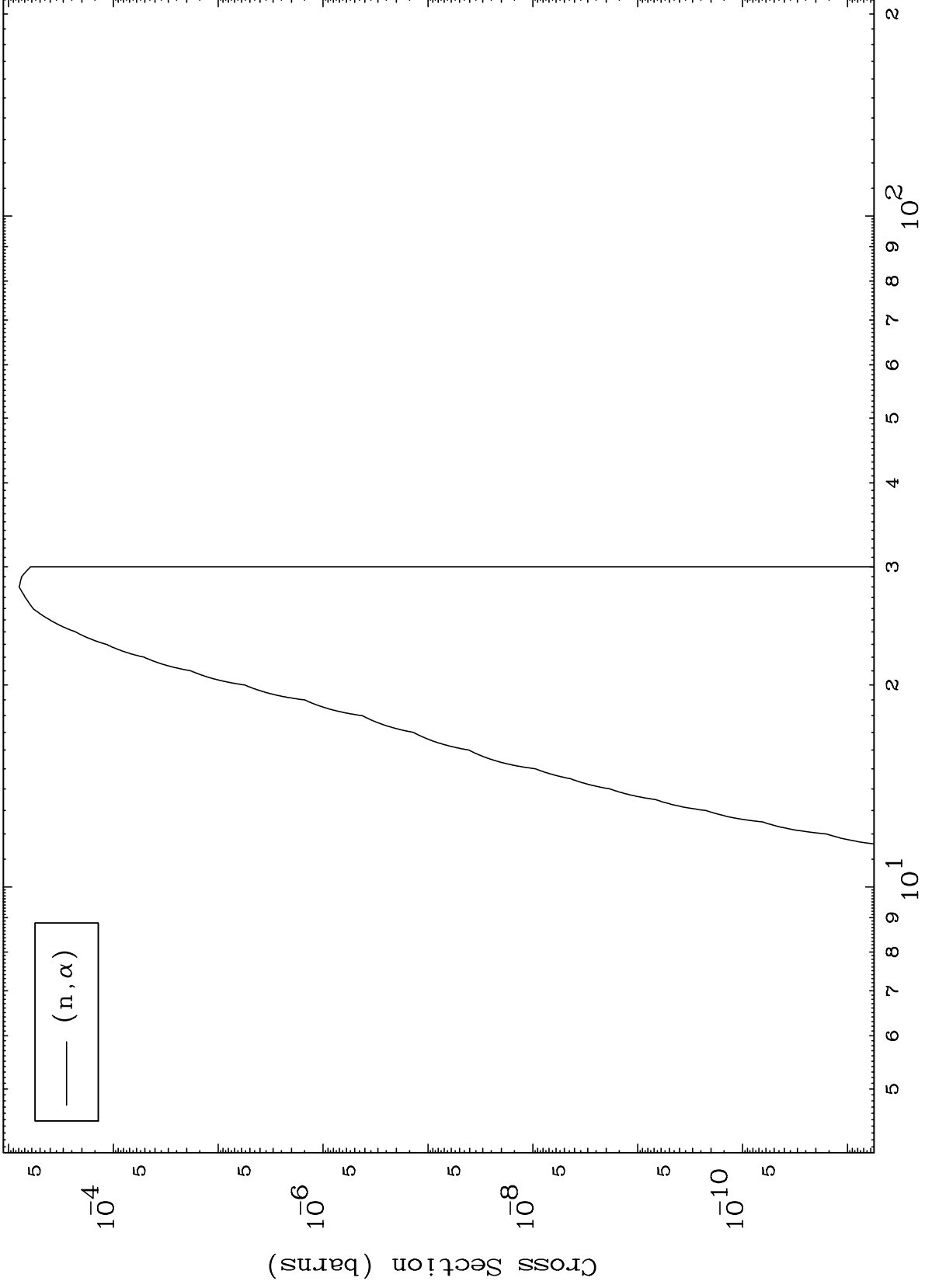
Incident Energy (MeV)

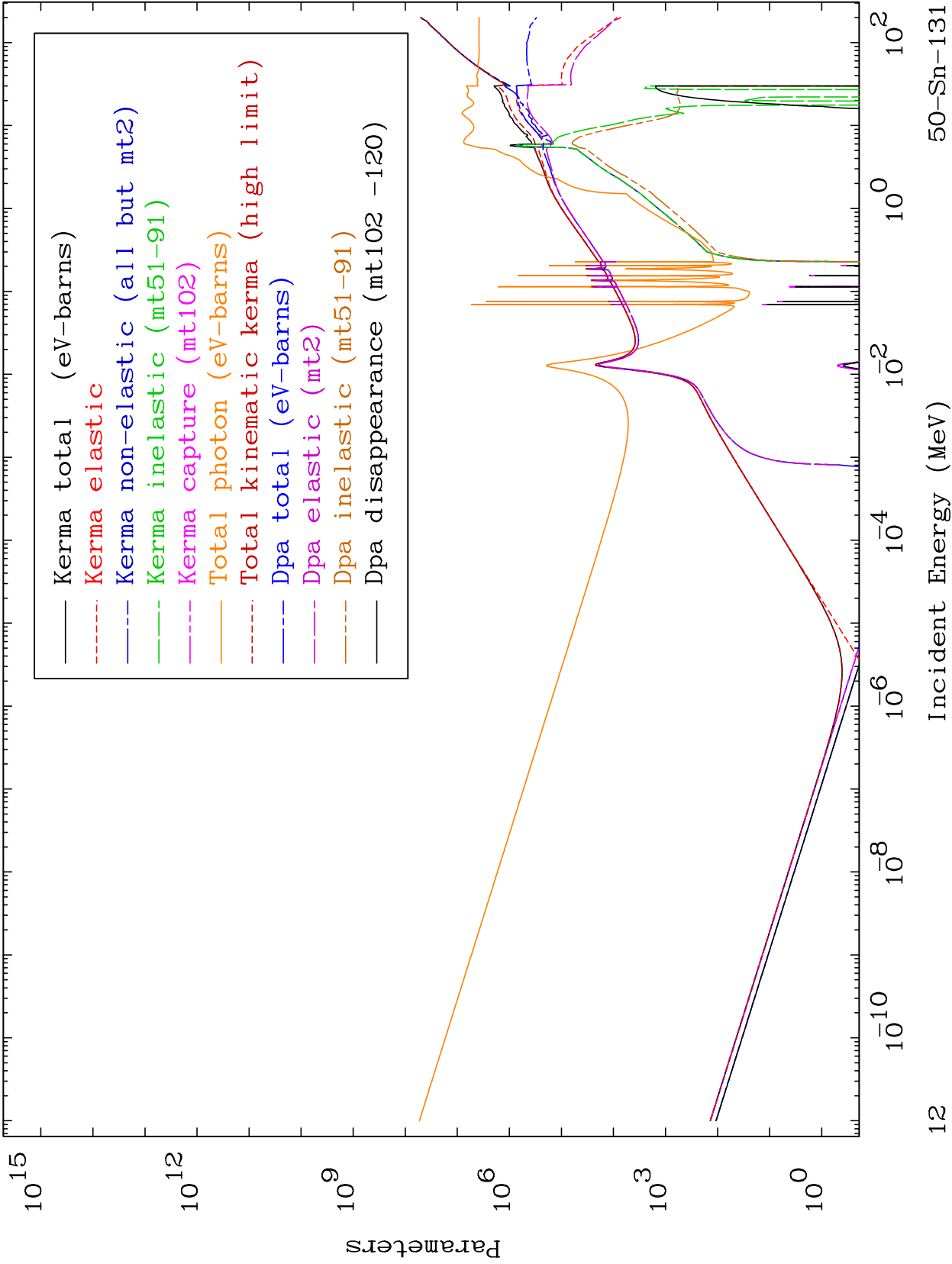
50-Sn-131

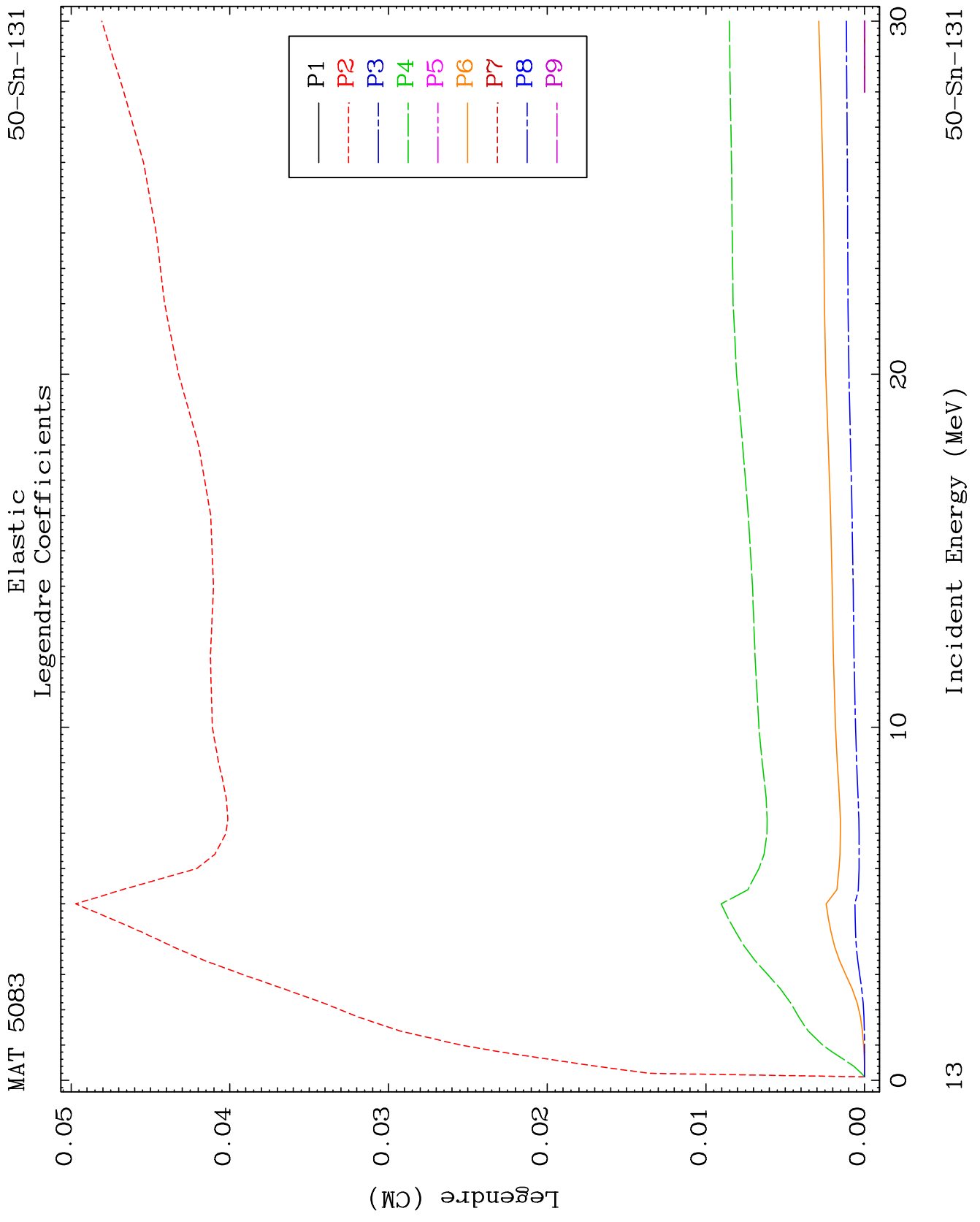
MAT 5083

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-131



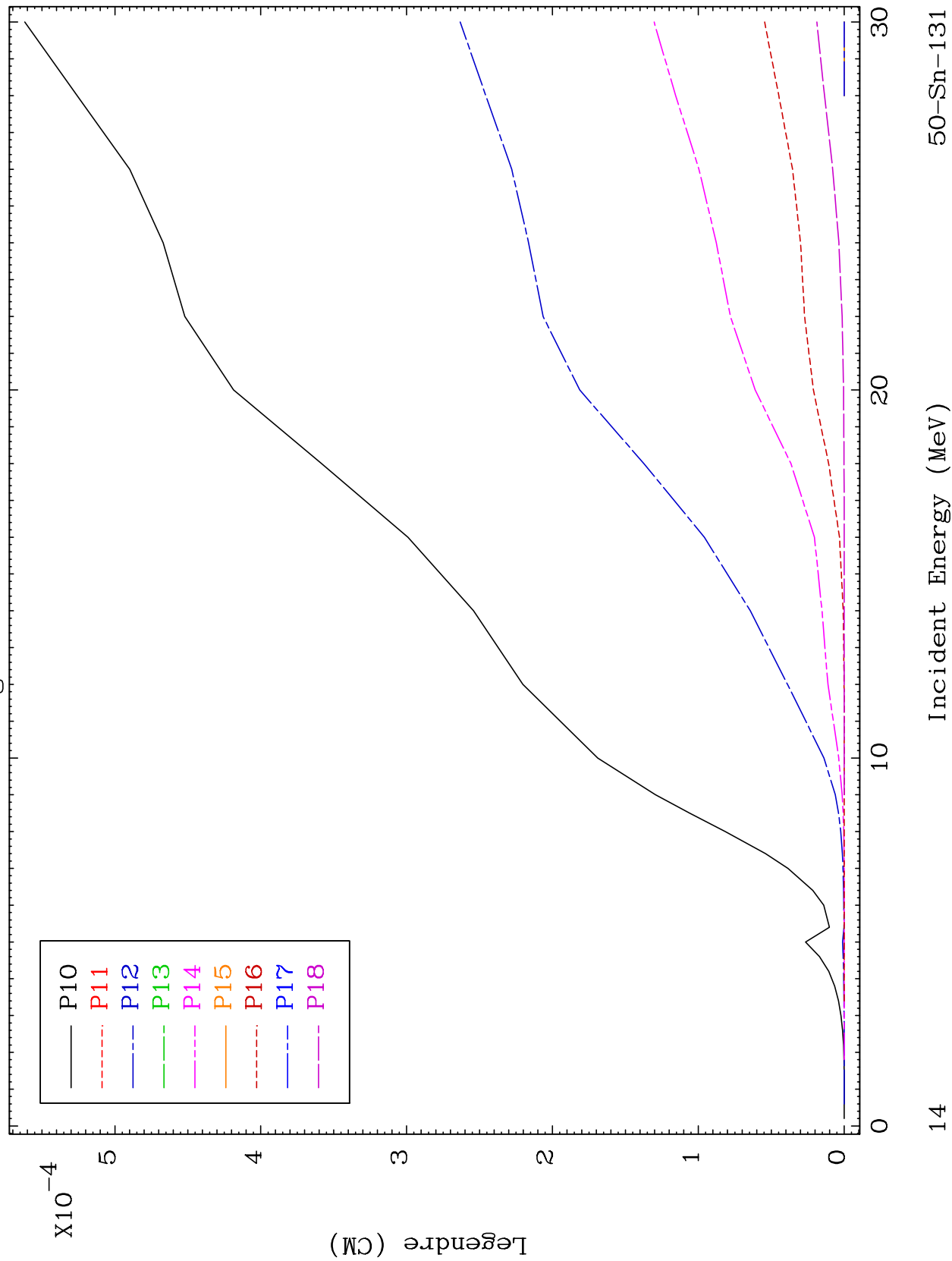




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Elastic Legendre Coefficients

50-Sn-131



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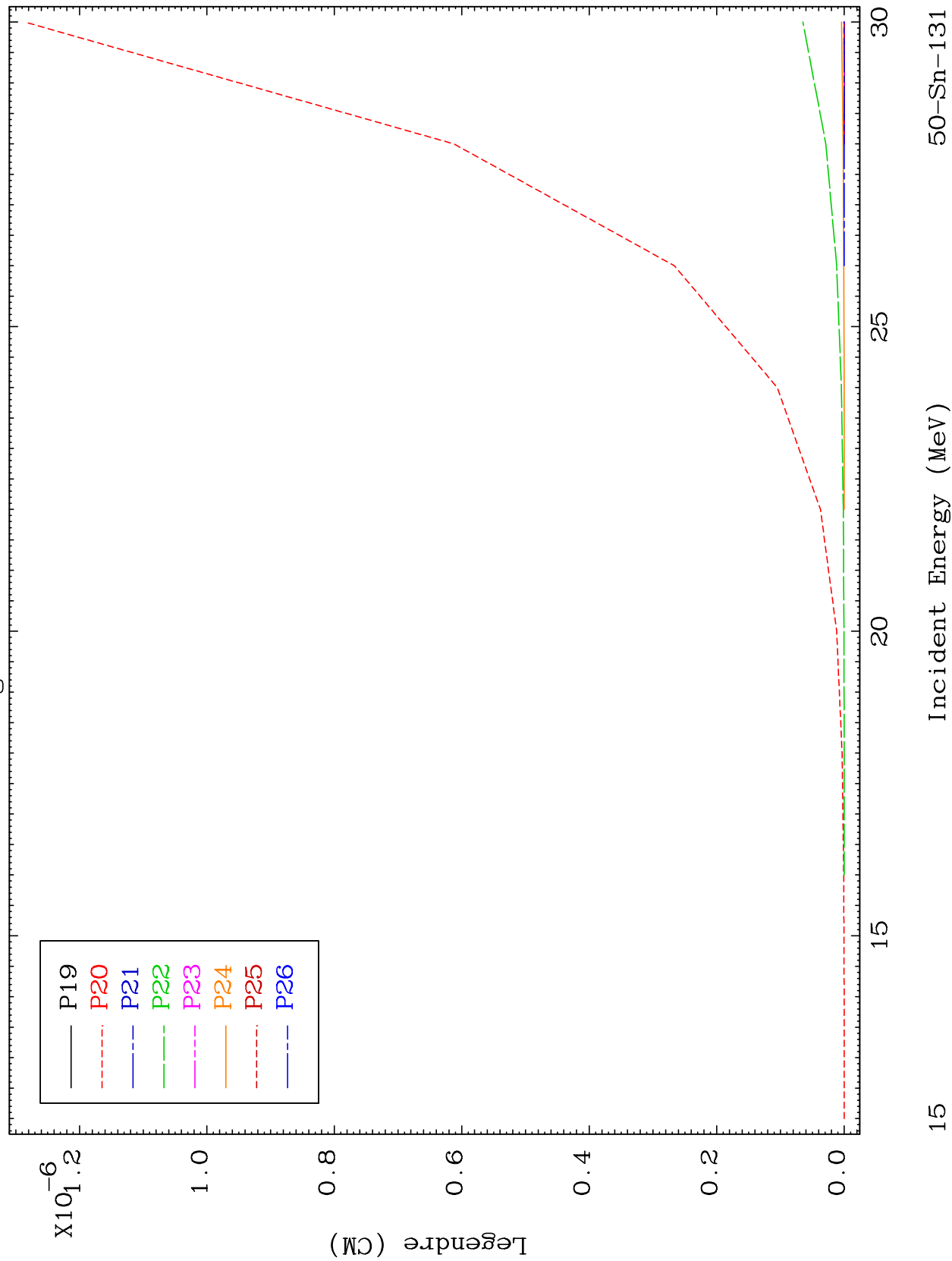
Incident Energy (MeV)

50-Sn-131

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Elastic
Legendre Coefficients

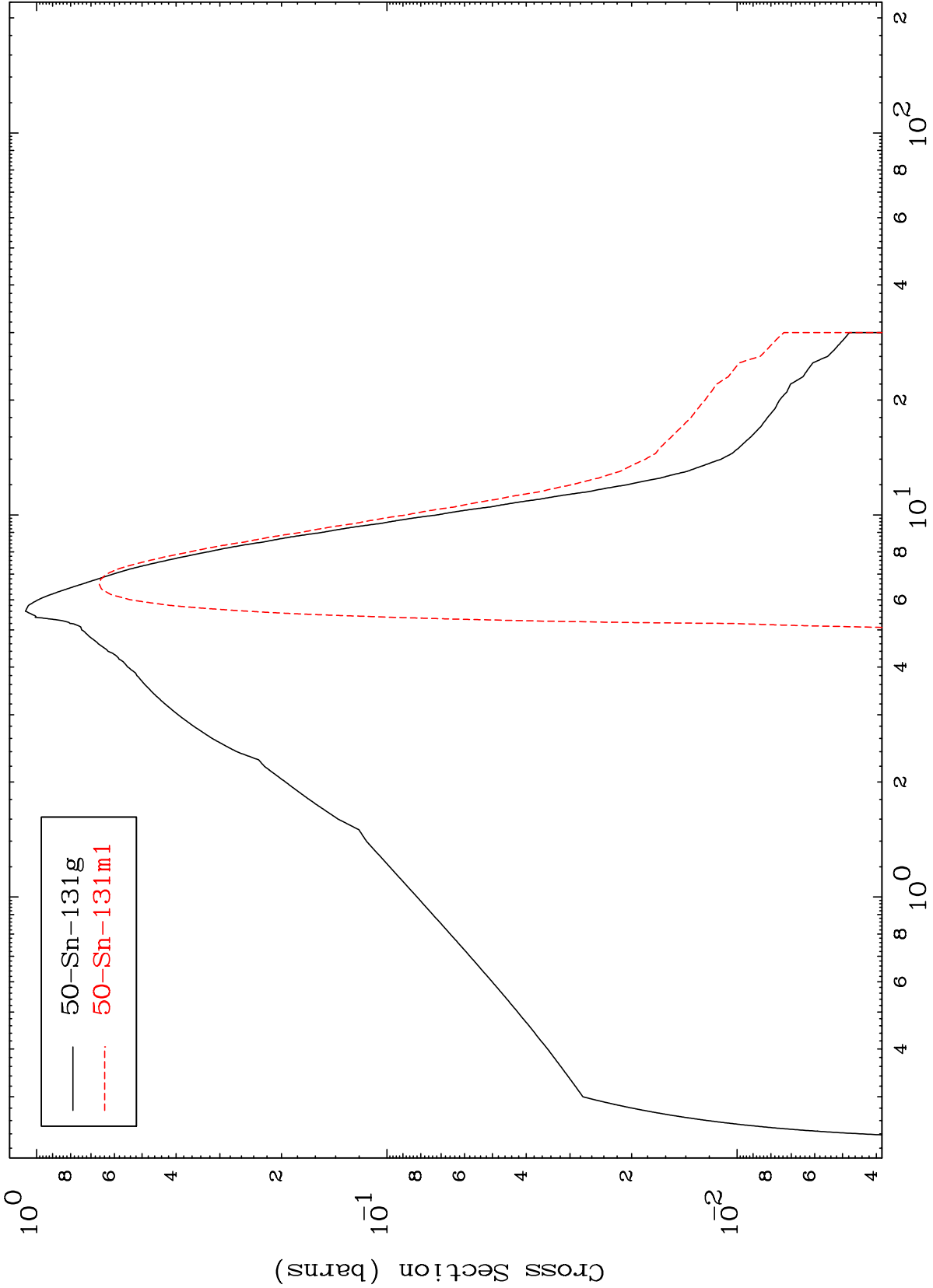
50-Sn-131



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50-Sn-131

Inelastic
Radionuclide Production Cross Section



— 50-Sn-131g
- - - 50-Sn-131m1

50-Sn-131

Incident Energy (MeV)

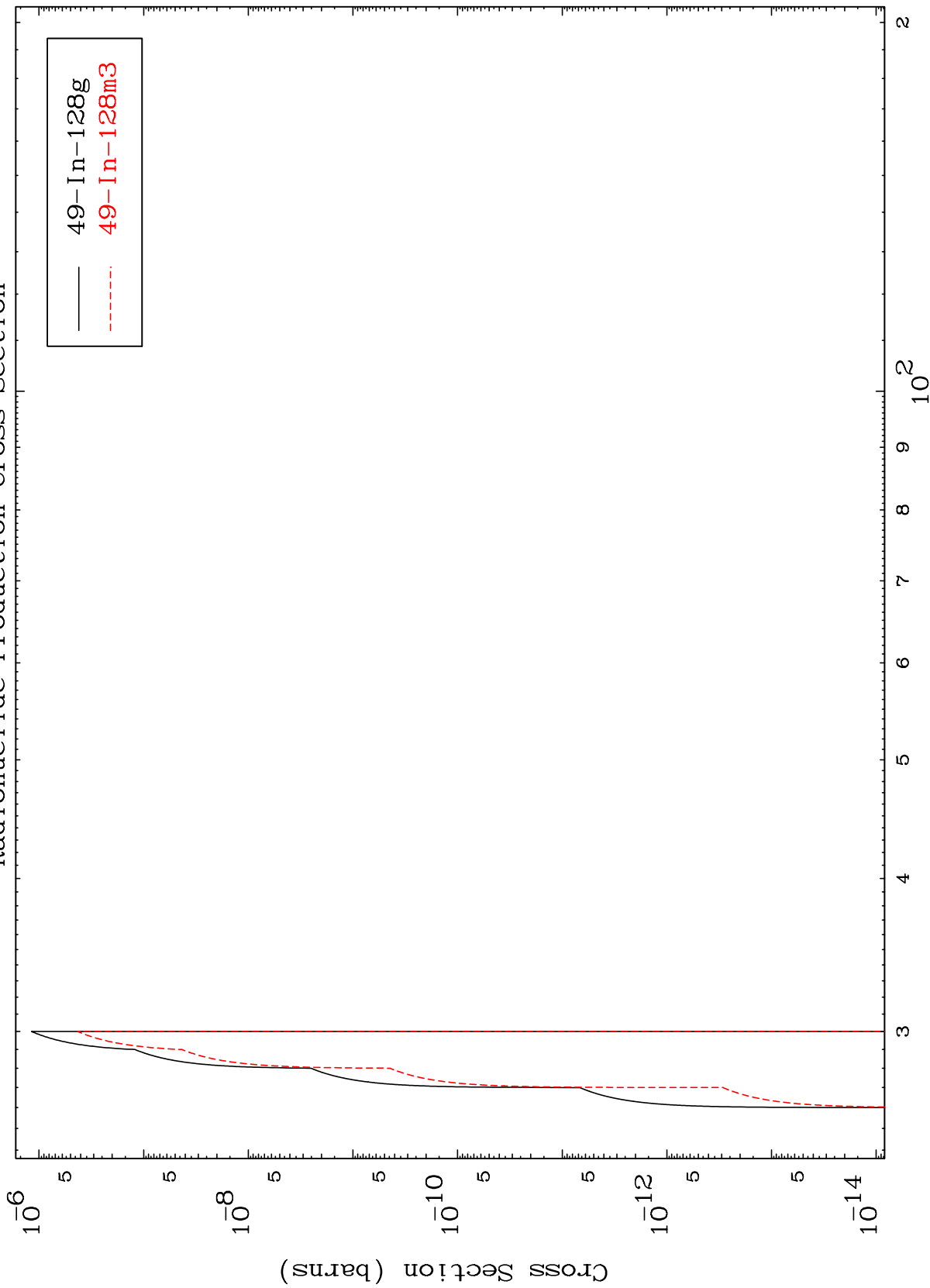
16

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(n,2n) d

50-Sn-131

Radionuclide Production Cross Section



17

Incident Energy (MeV)

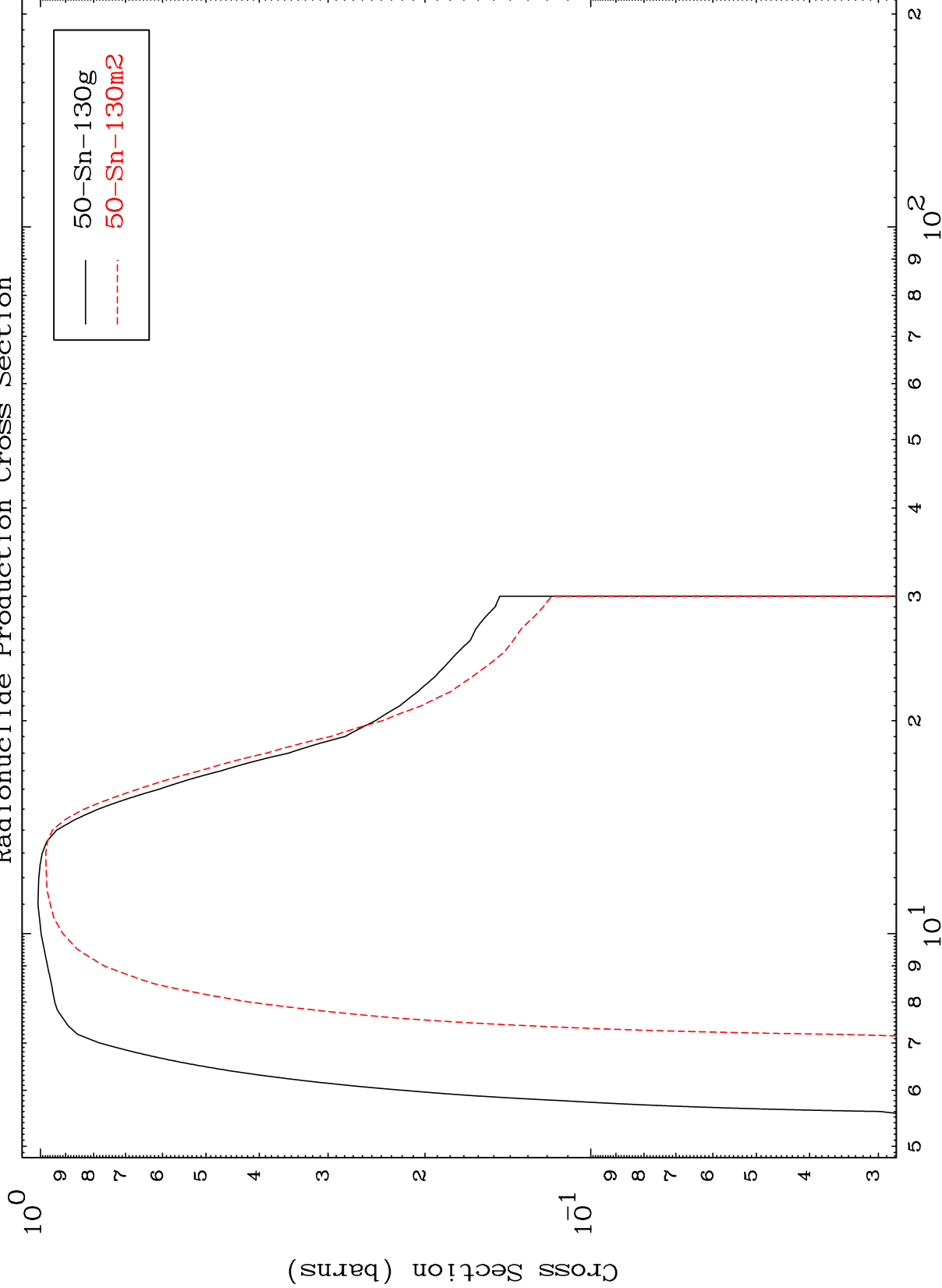
50-Sn-131

MAT 5083

(n,2n)

50-Sn-131

Radionuclide Production Cross Section



18

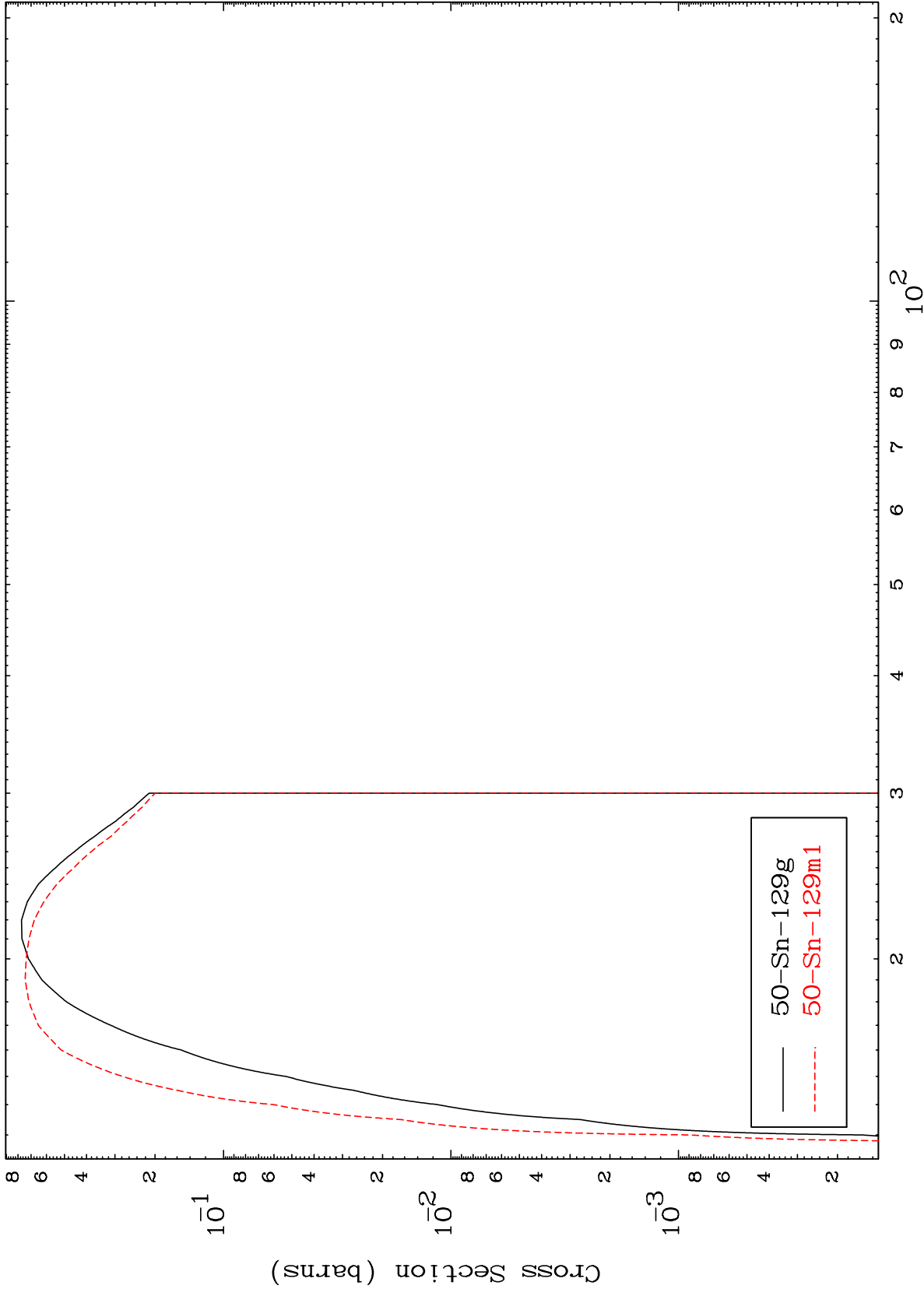
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

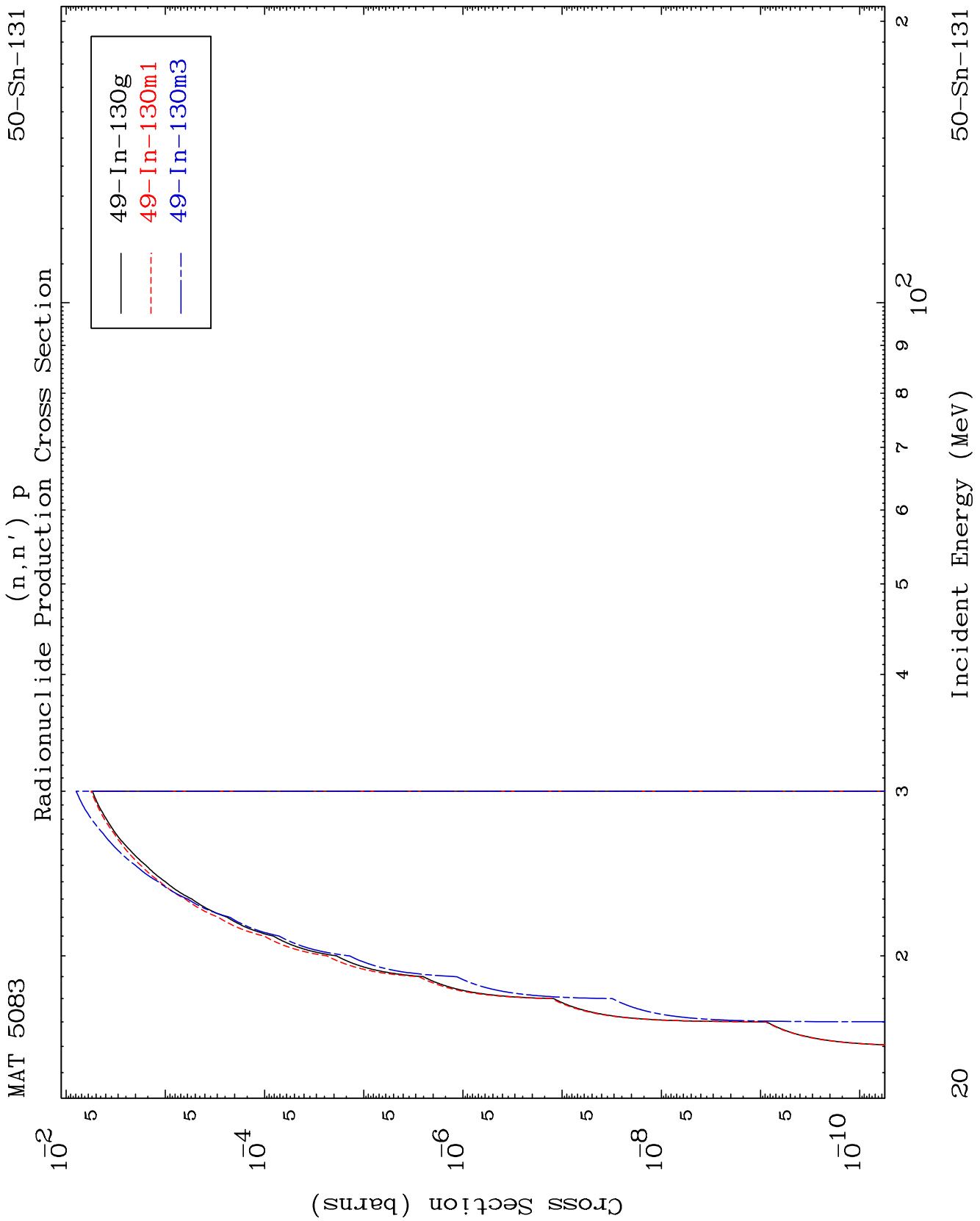
(n,3n)
Radionuclide Production Cross Section



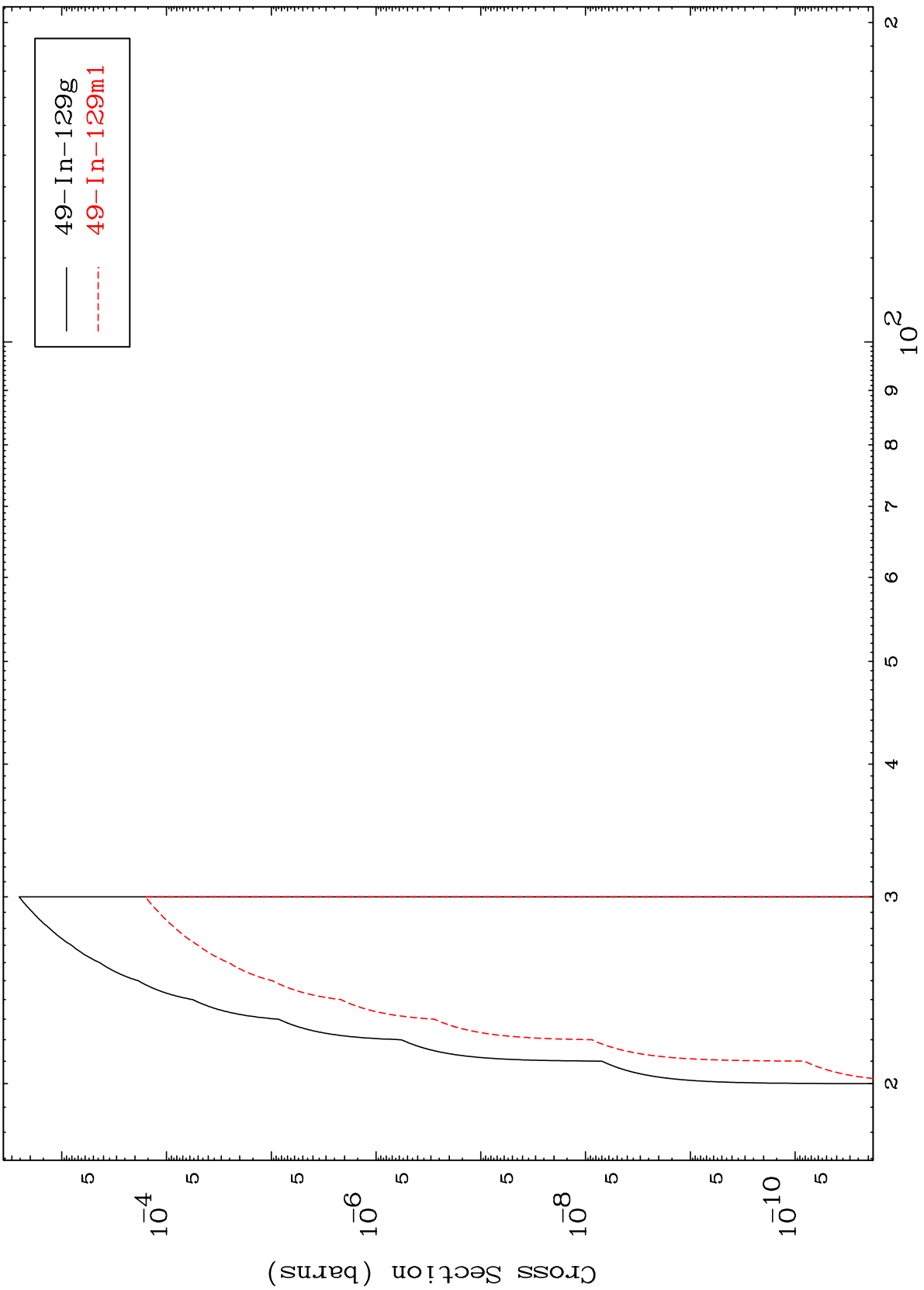
19

50-Sn-131

Incident Energy (MeV)

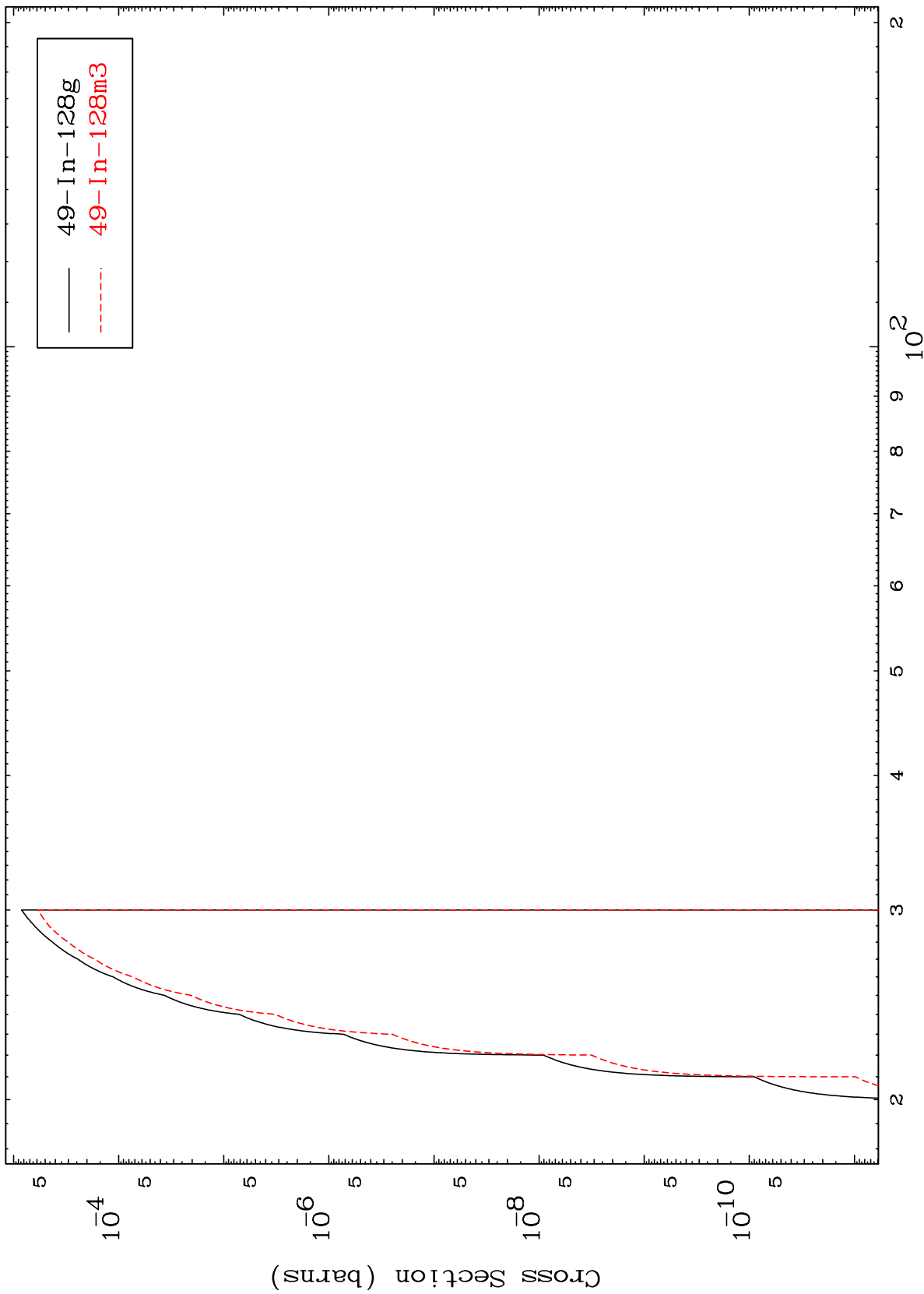


Radionuclide Production Cross Section



49-In-129g
49-In-129m1

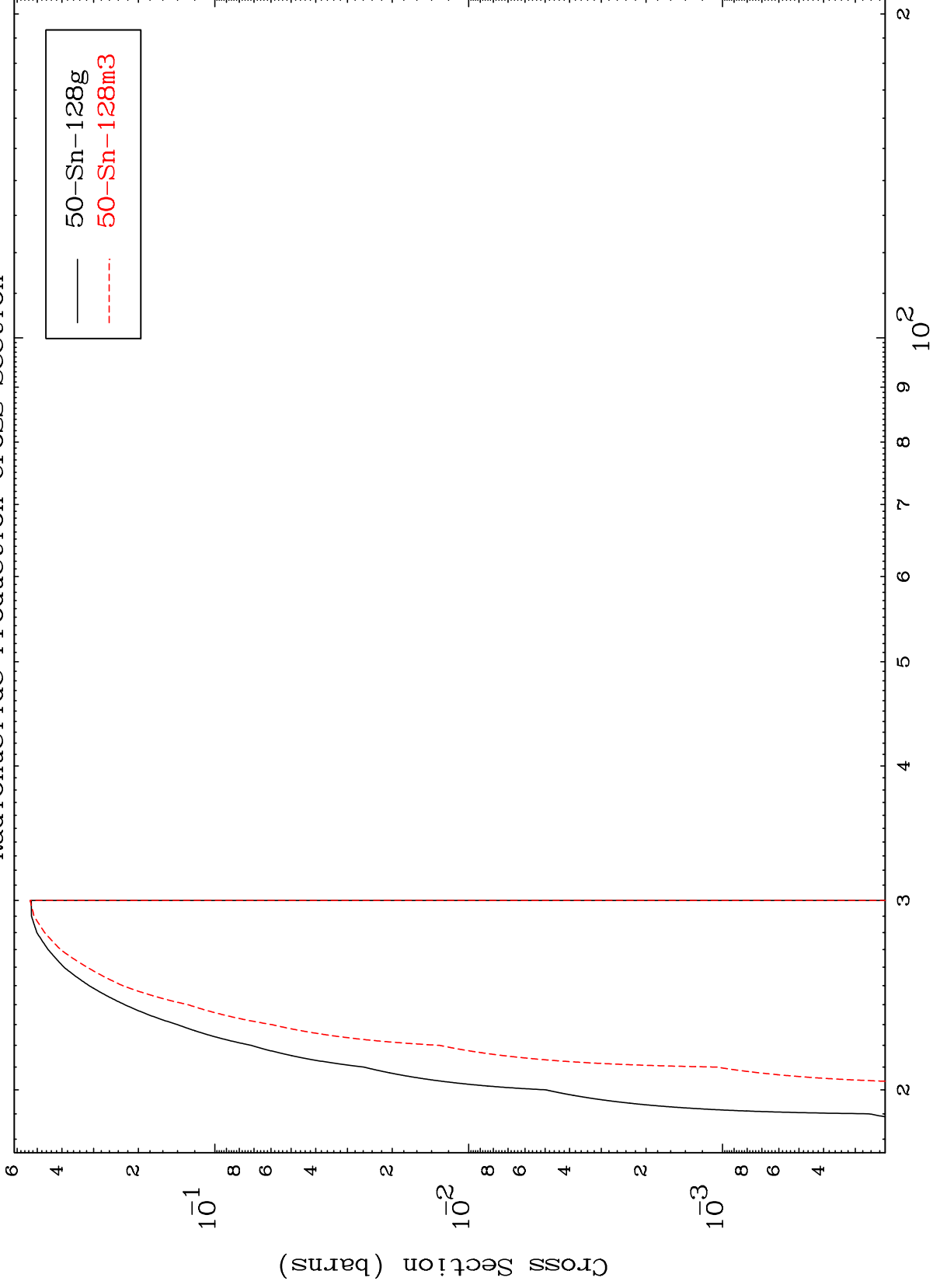
Radionuclide Production Cross Section



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50-Sn-131

(n,4n)
Radionuclide Production Cross Section



50-Sn-131

Incident Energy (MeV)

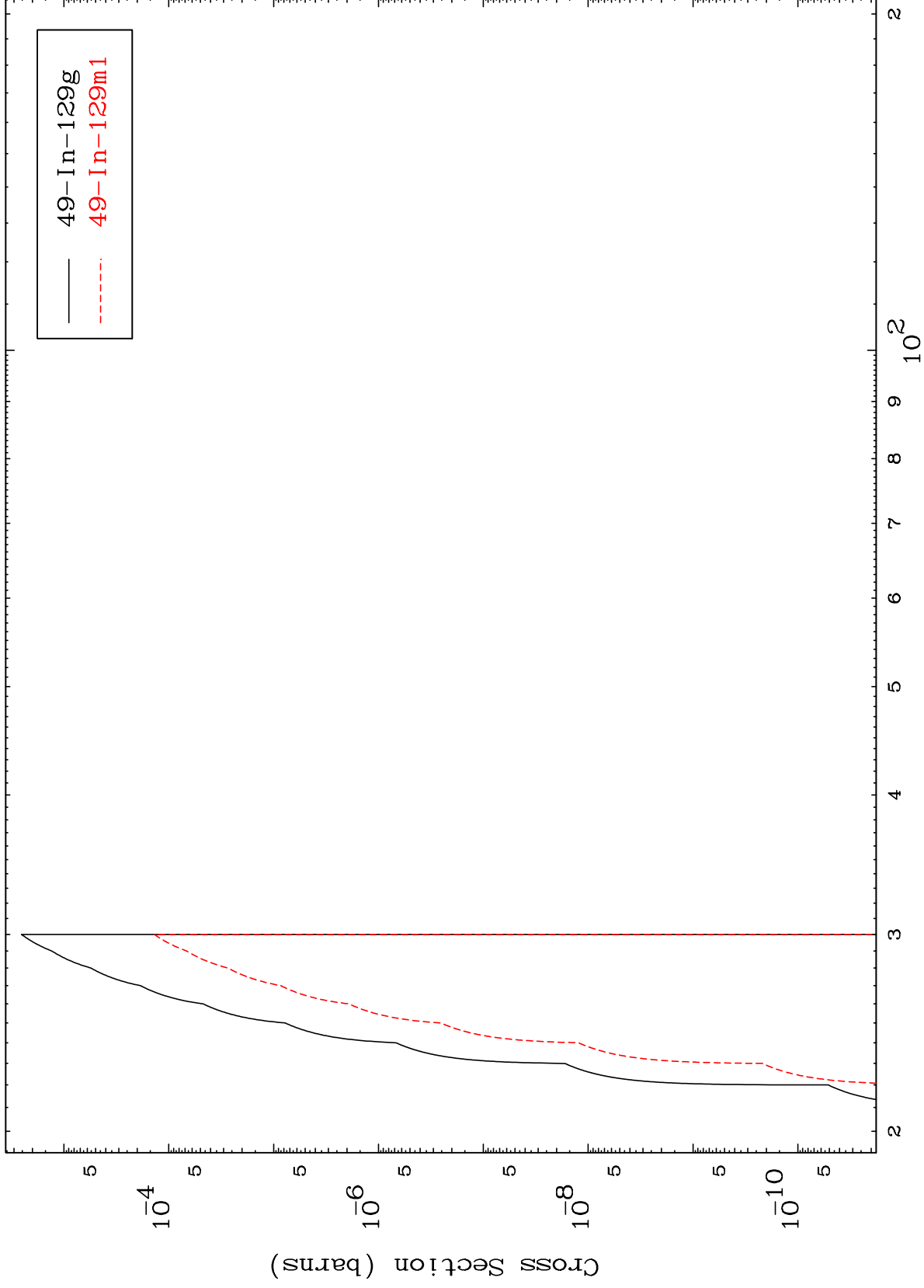
23

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(n,2n) p

50-Sn-131

Radionuclide Production Cross Section



24

Incident Energy (MeV)

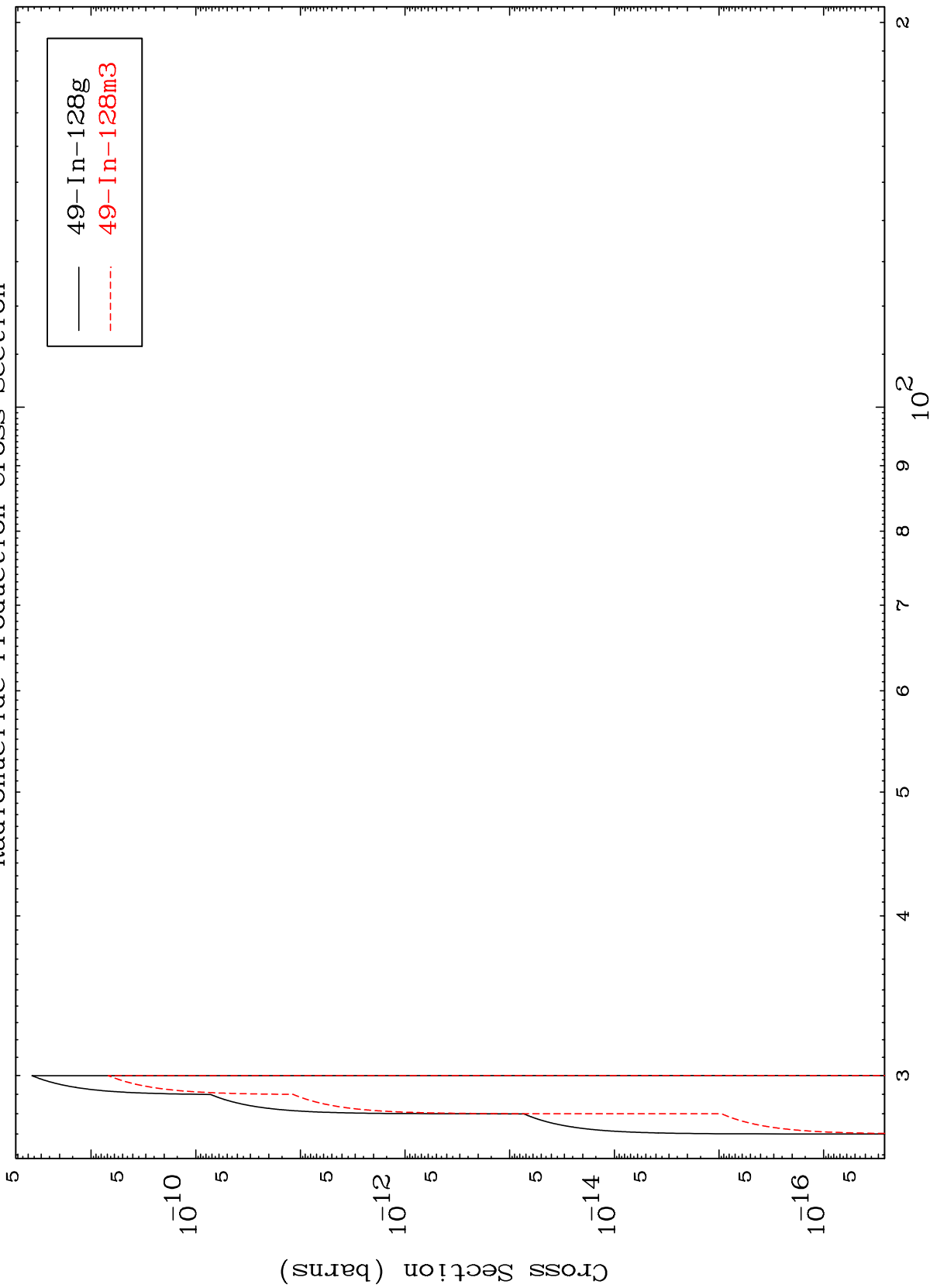
50-Sn-131

MAT 5083

(n,3n) p

50-Sn-131

Radionuclide Production Cross Section



25

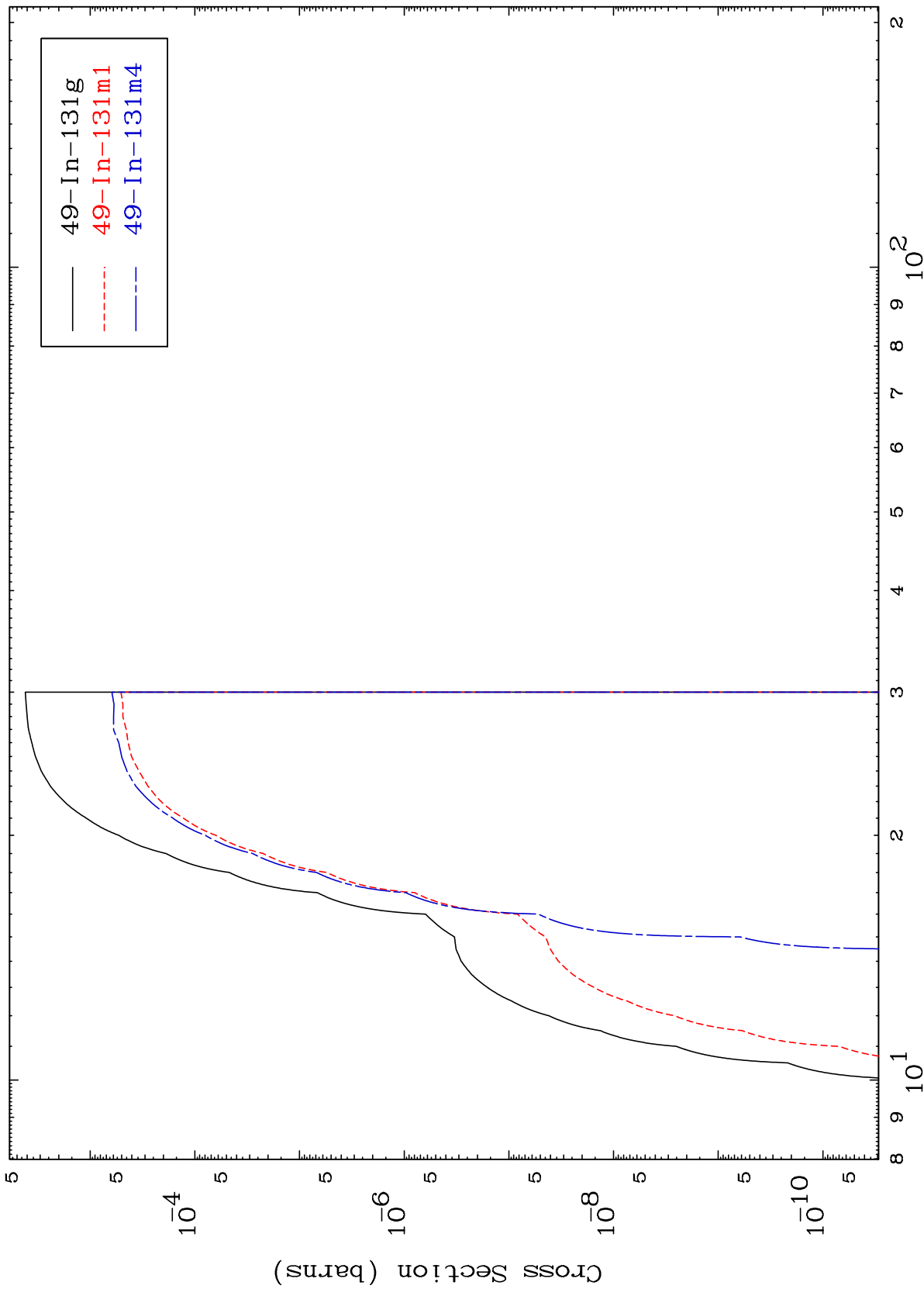
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

(n,p)
Radionuclide Production Cross Section



50-Sn-131

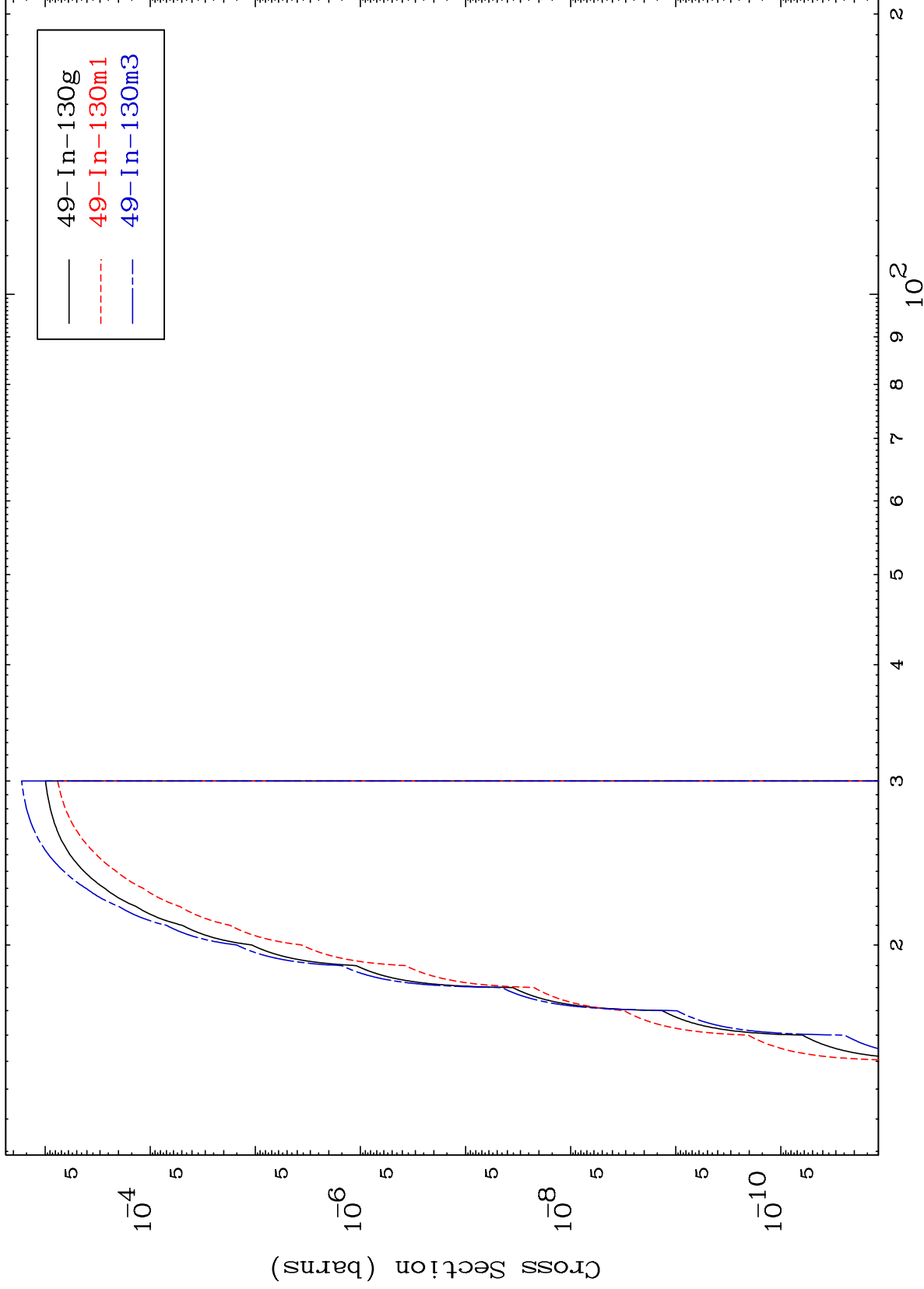
Incident Energy (MeV)

26

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50-Sn-131

(n,d)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

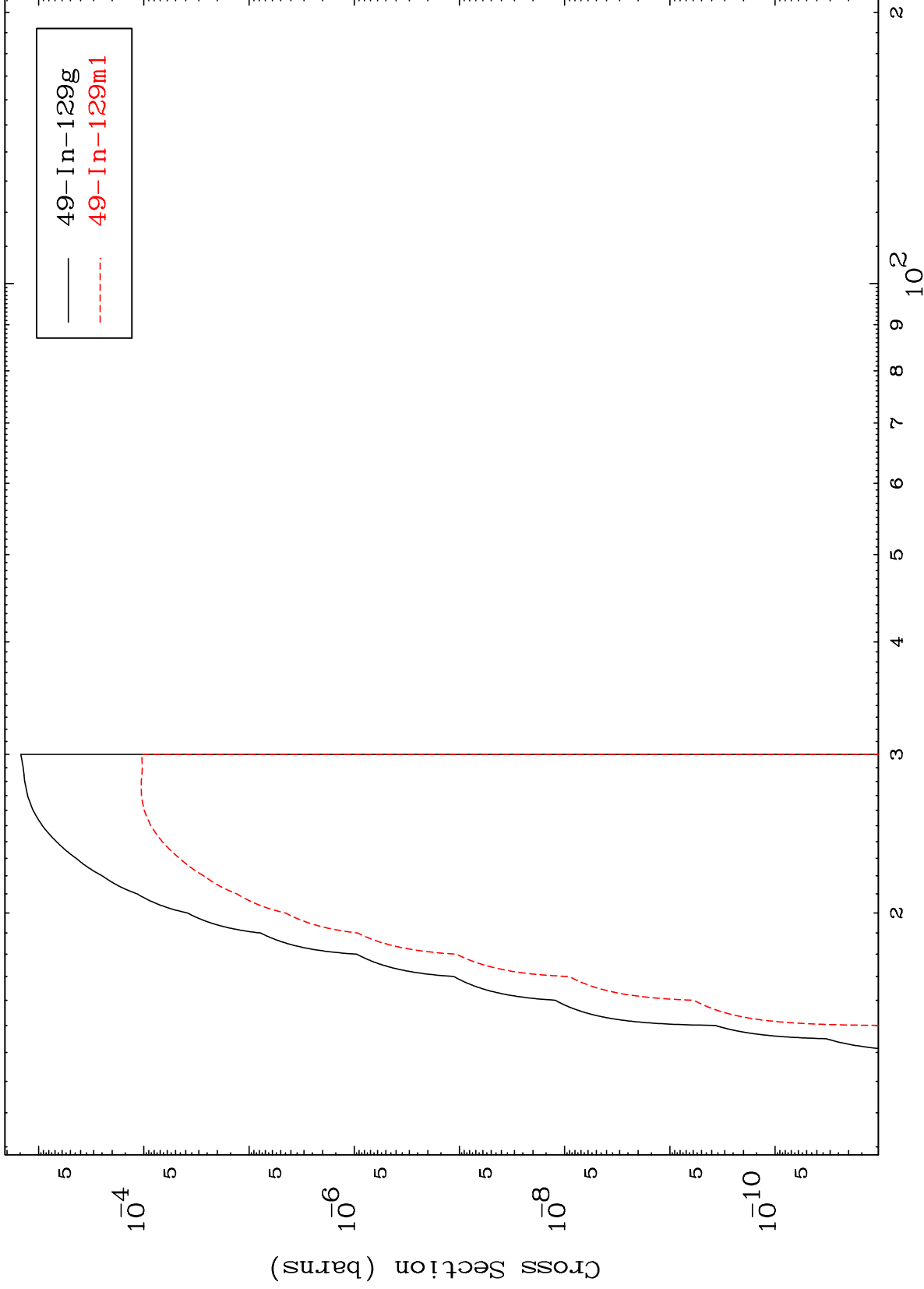
50-Sn-131

MAT 5083

(n,t)

50-Sn-131

Radionuclide Production Cross Section



28

Incident Energy (MeV)

50-Sn-131