

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

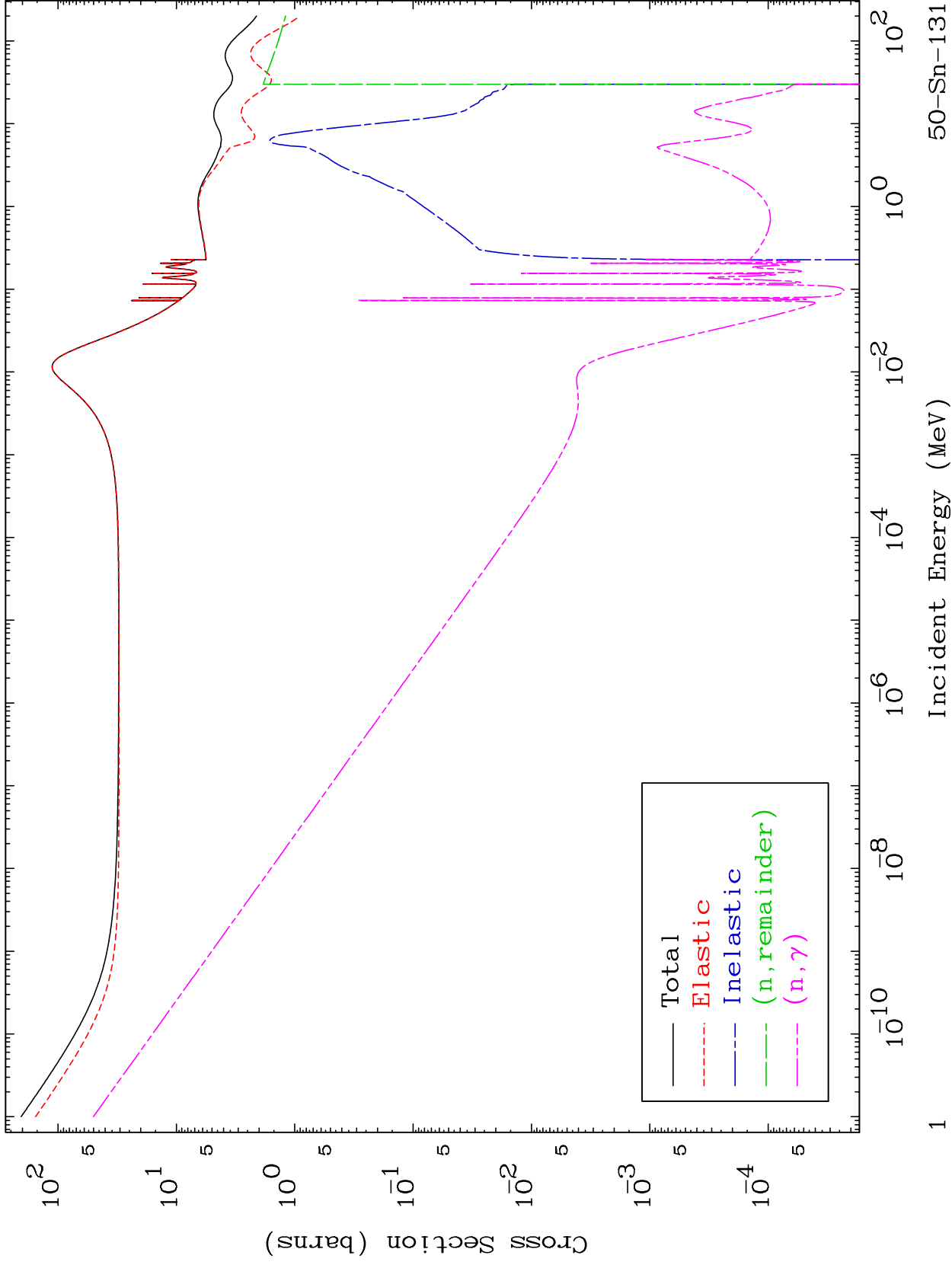
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Press Mouse Button to Start

MAT 5083

Major  
293 Kelvin Cross Sections

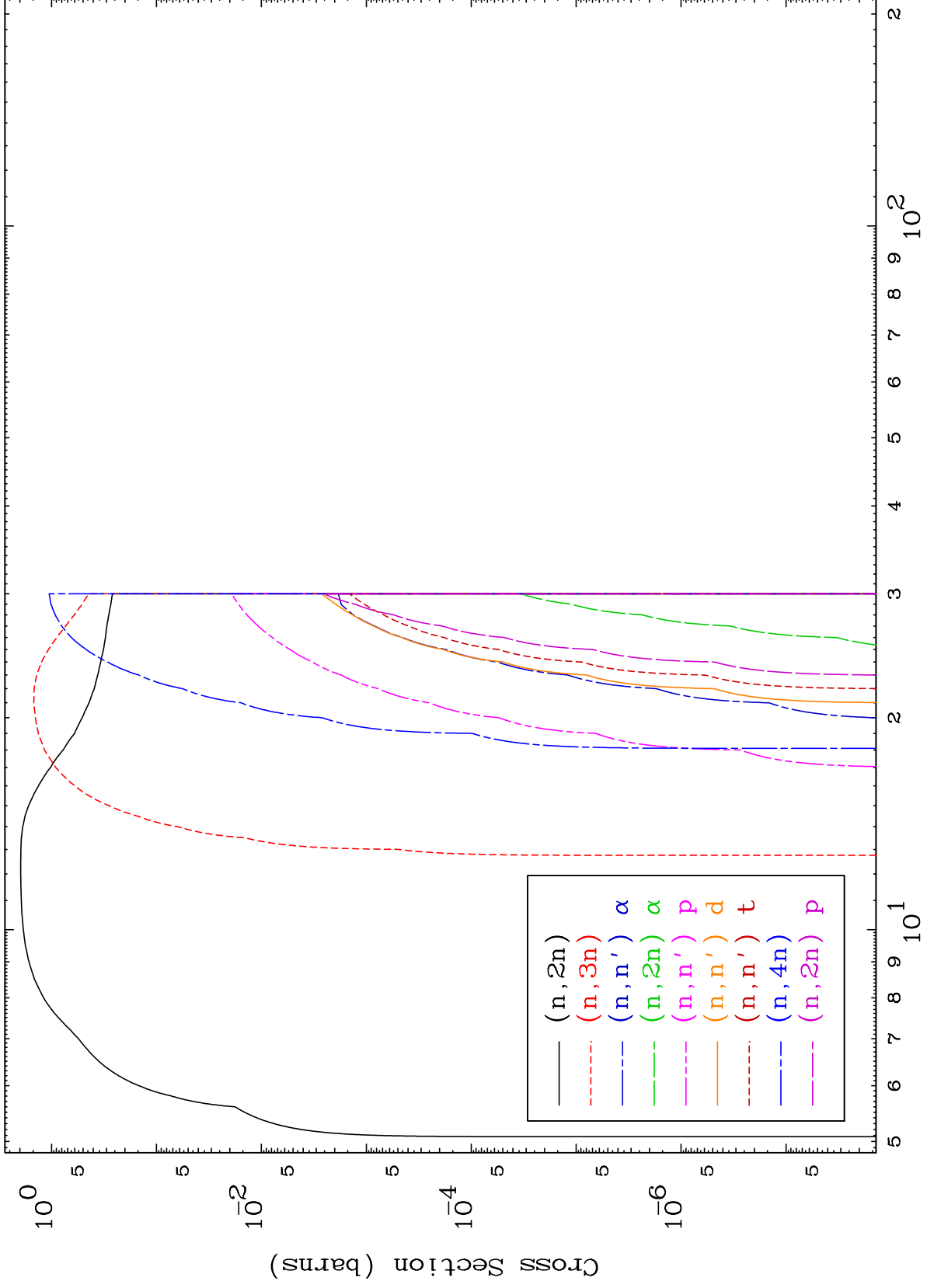
50-Sn-131



MAT 5083

Neutron Production  
293 Kelvin Cross Sections

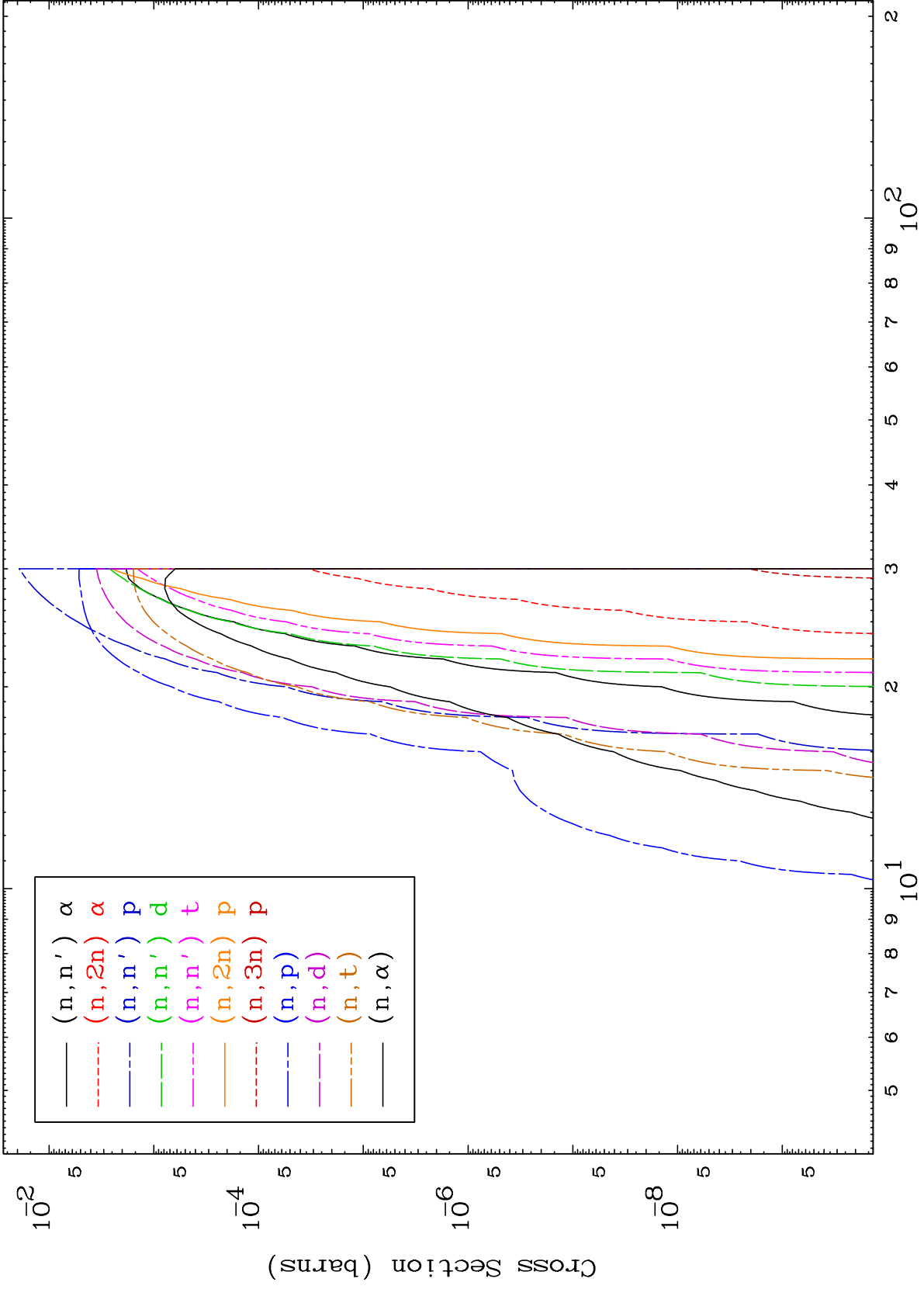
50-Sn-131



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Incident Energy (MeV)

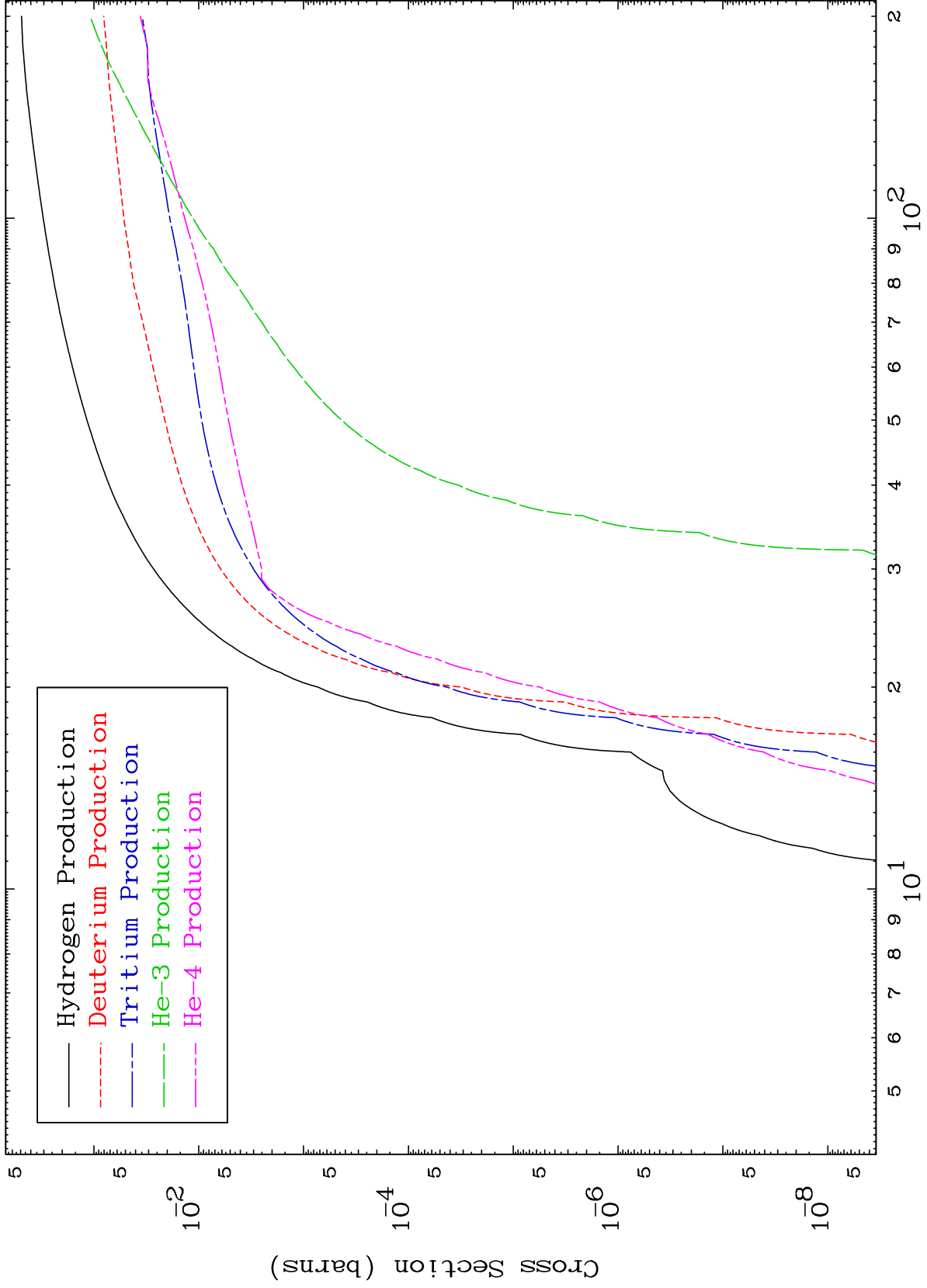
50-Sn-131



MAT 5083

Particle Production  
293 Kelvin Cross Sections

50-Sn-131

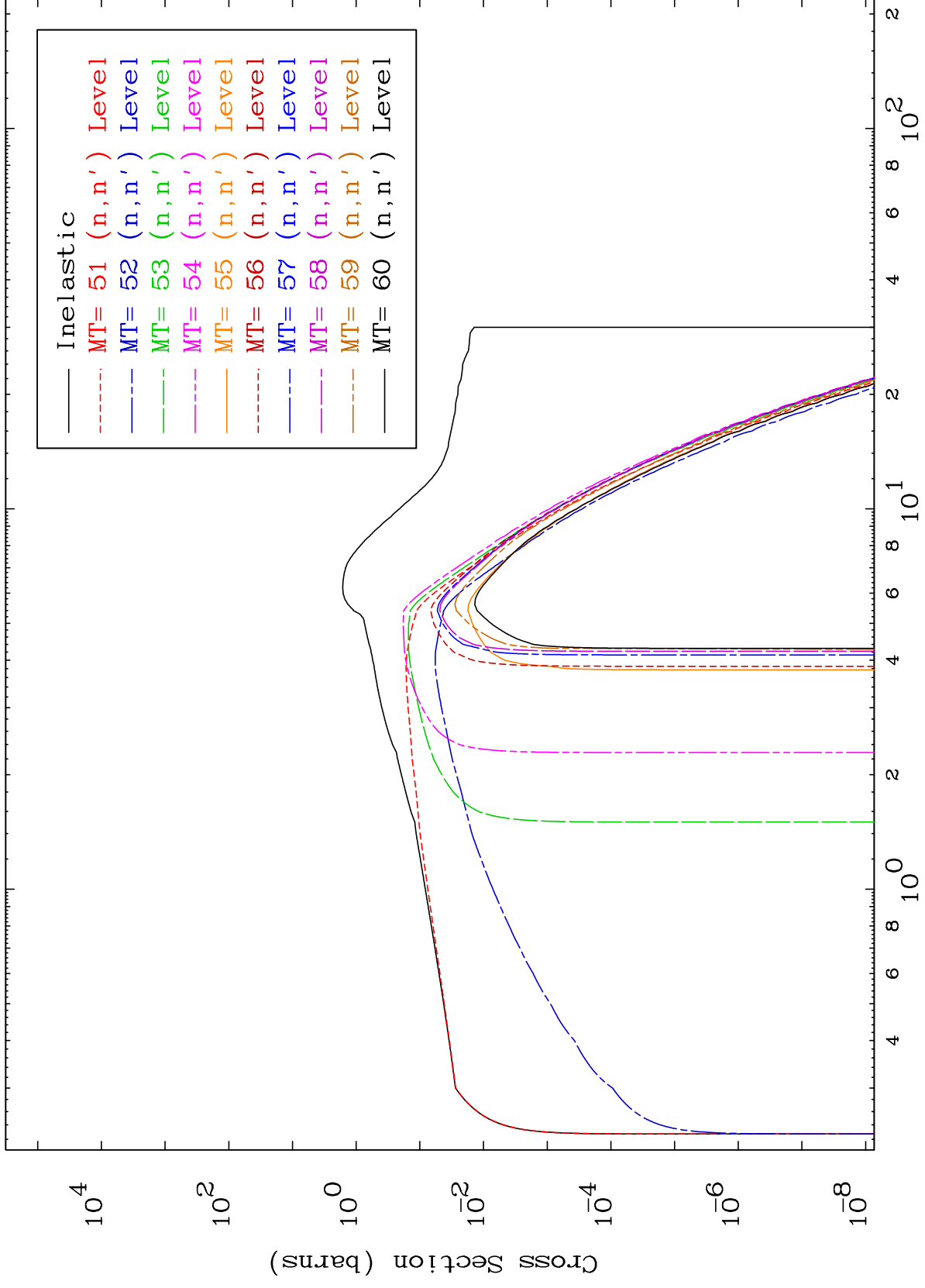


MAT 5083

(n,n') Level

50-Sn-131

293 Kelvin Cross Sections

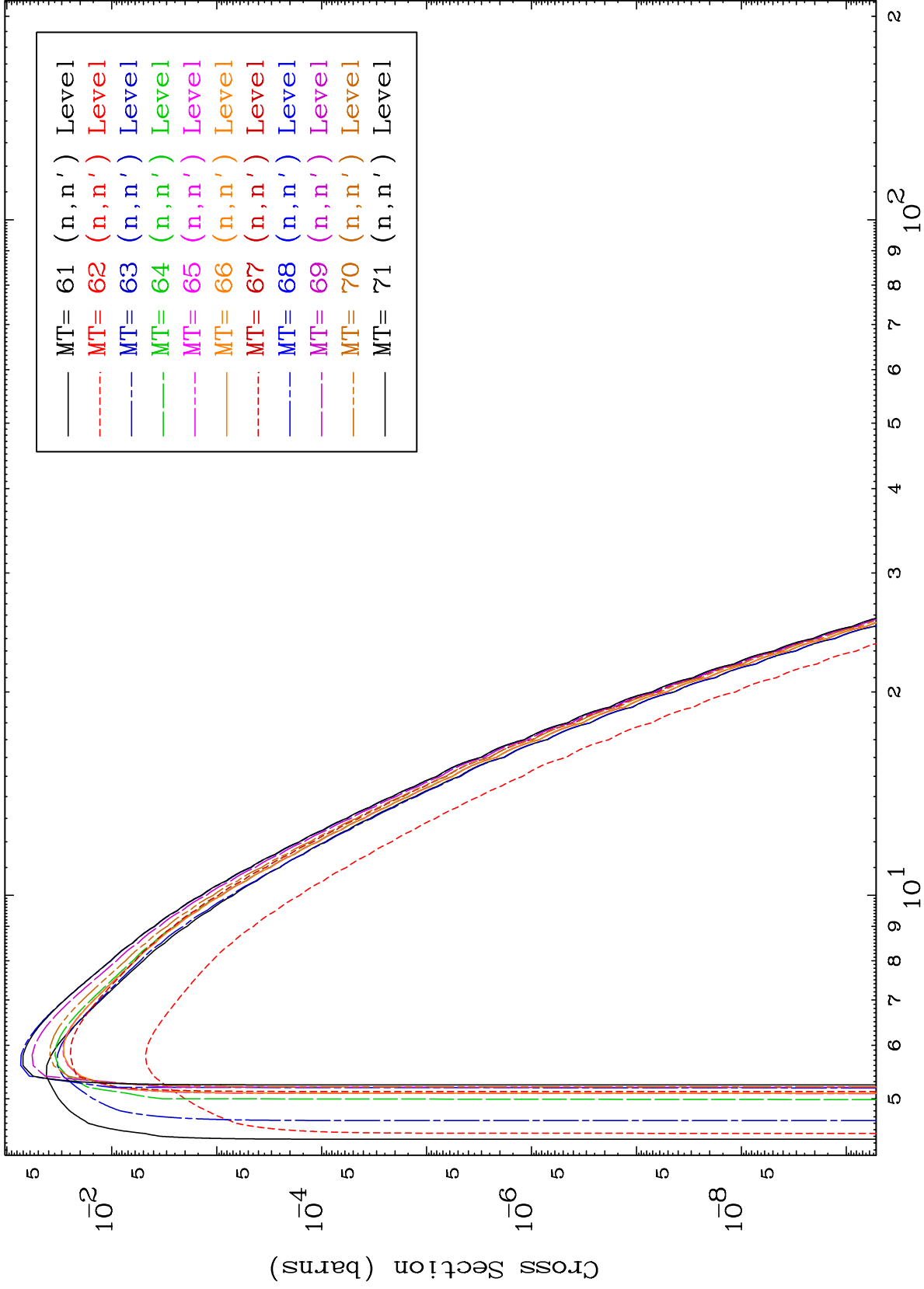


MAT 5083

(n,n') Level

50-Sn-131

293 Kelvin Cross Sections



Incident Energy (MeV)

50-Sn-131

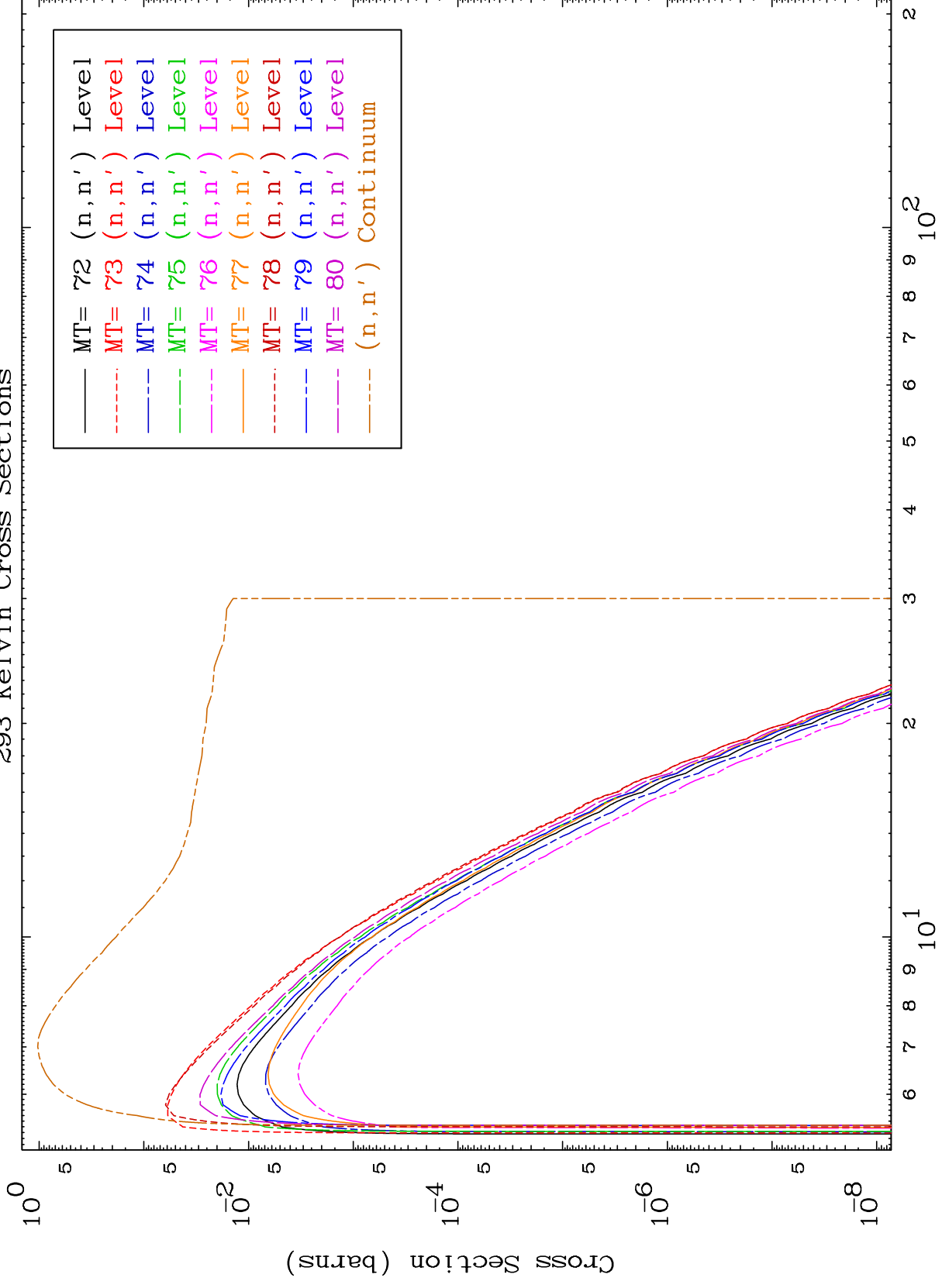
6

MAT 5083

(n,n') Level

50-Sn-131

293 Kelvin Cross Sections



7

Incident Energy (MeV)

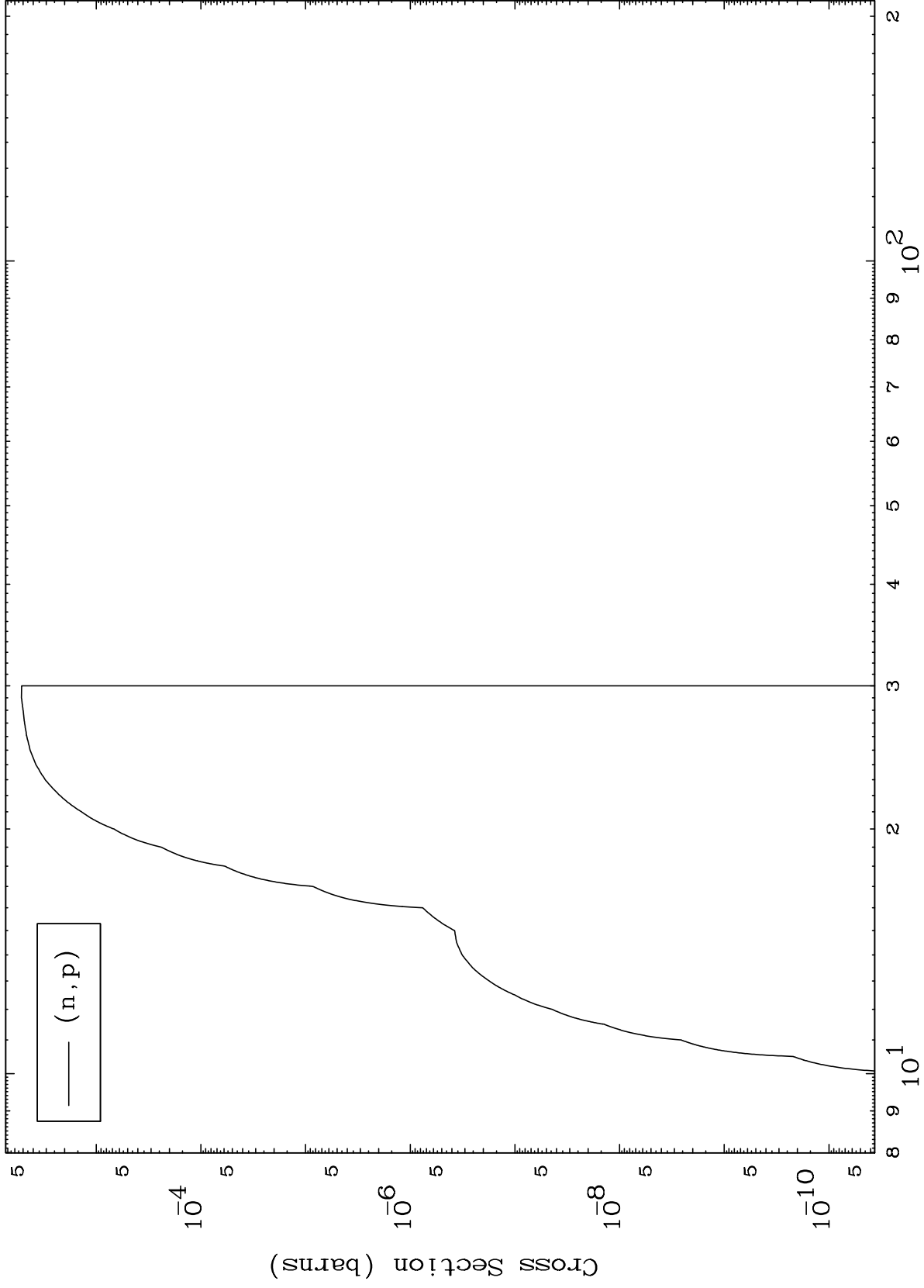
50-Sn-131



MAT 5083

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-131



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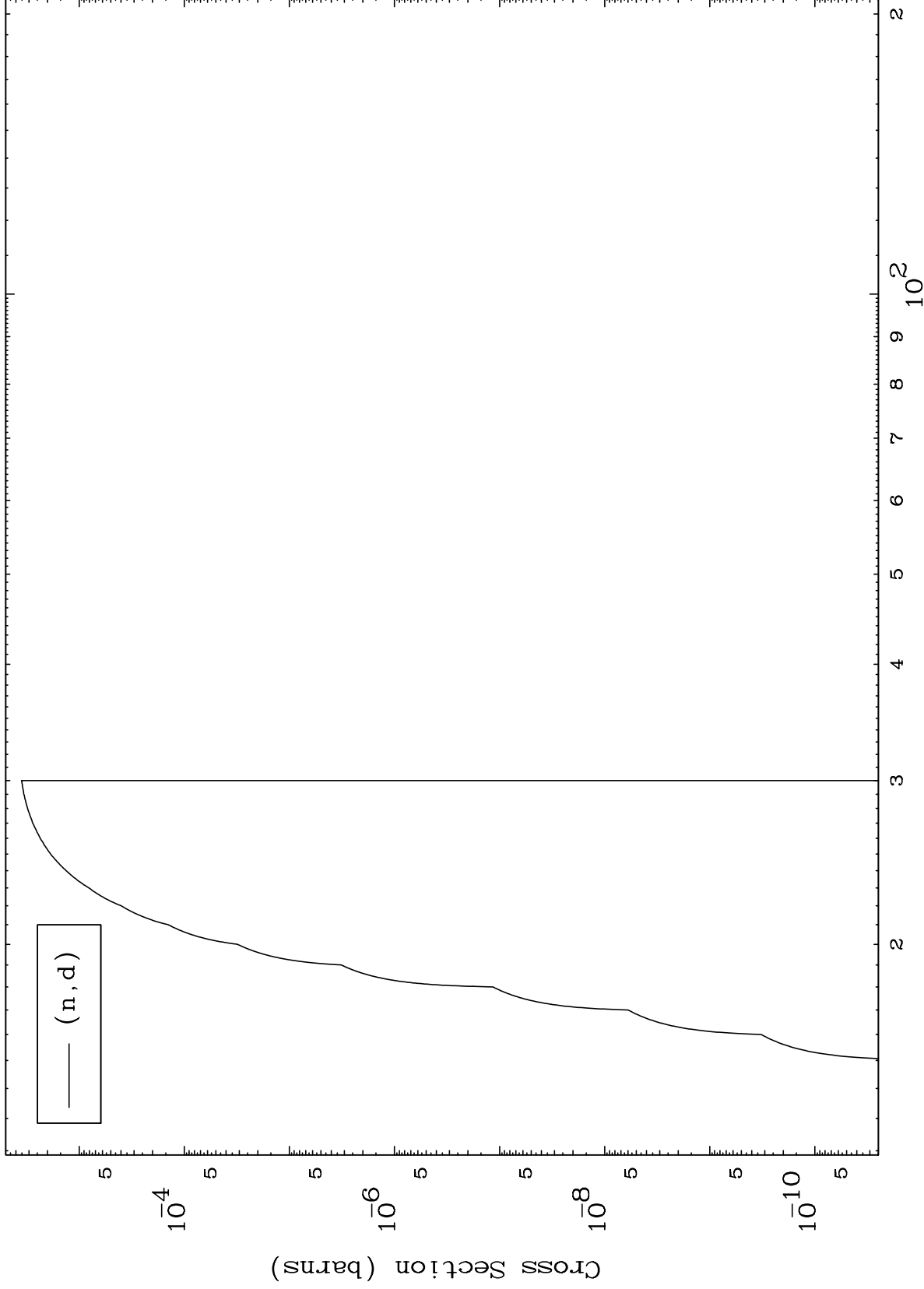
Incident Energy (MeV)

50-Sn-131

MAT 5083

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-131



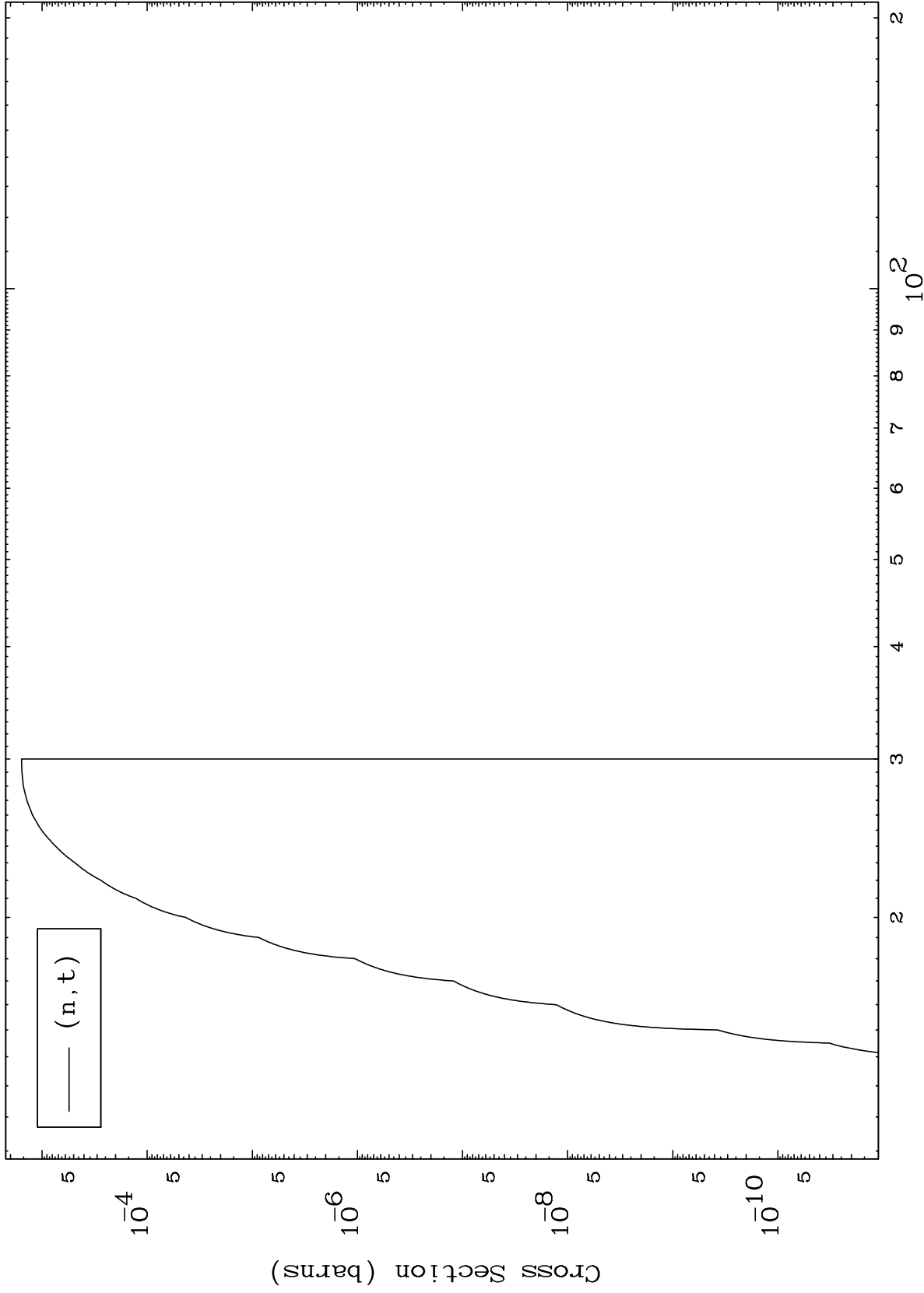
Incident Energy (MeV)

50-Sn-131

MAT 5083

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-131



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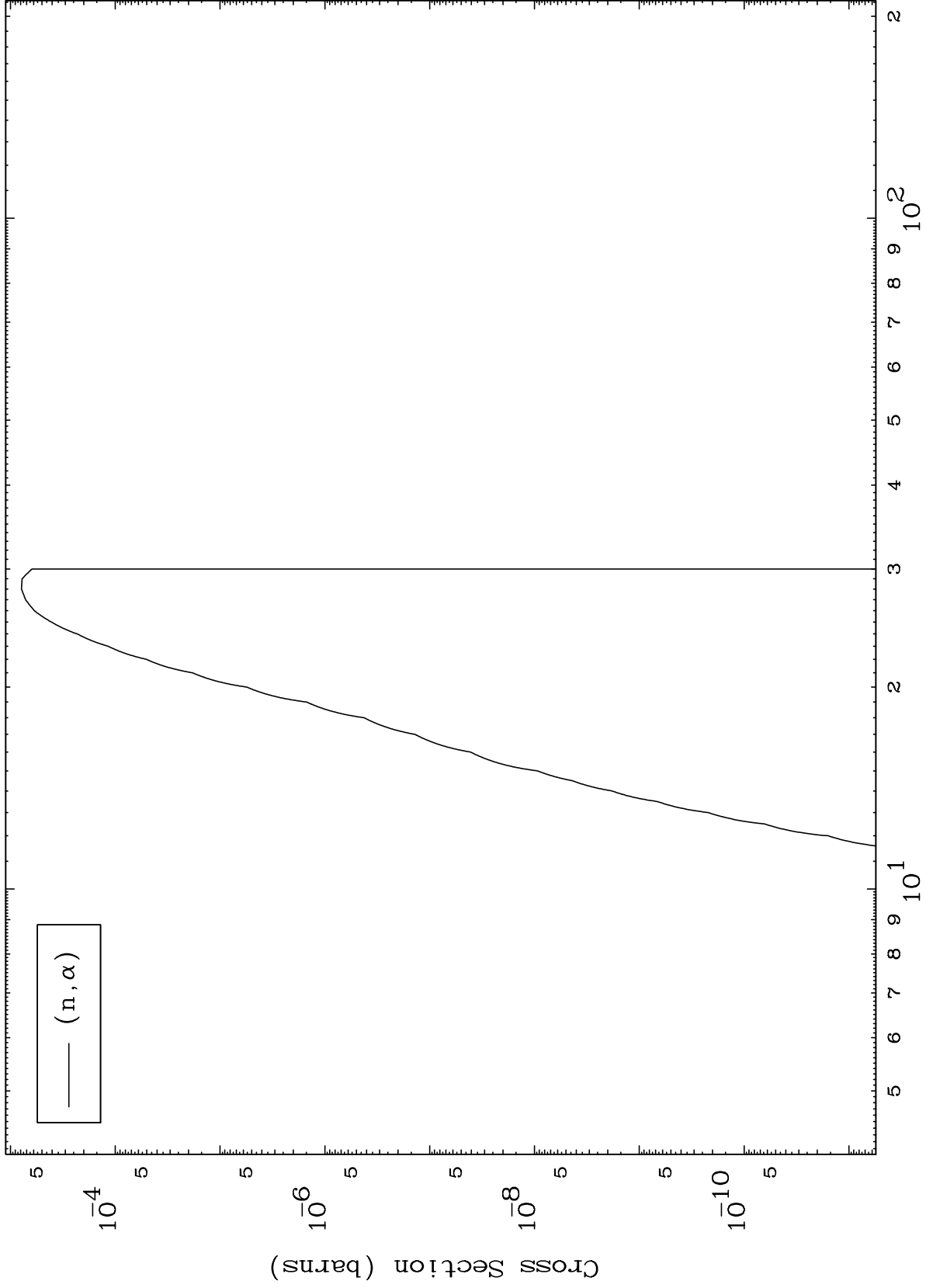
Incident Energy (MeV)

50-Sn-131

MAT 5083

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

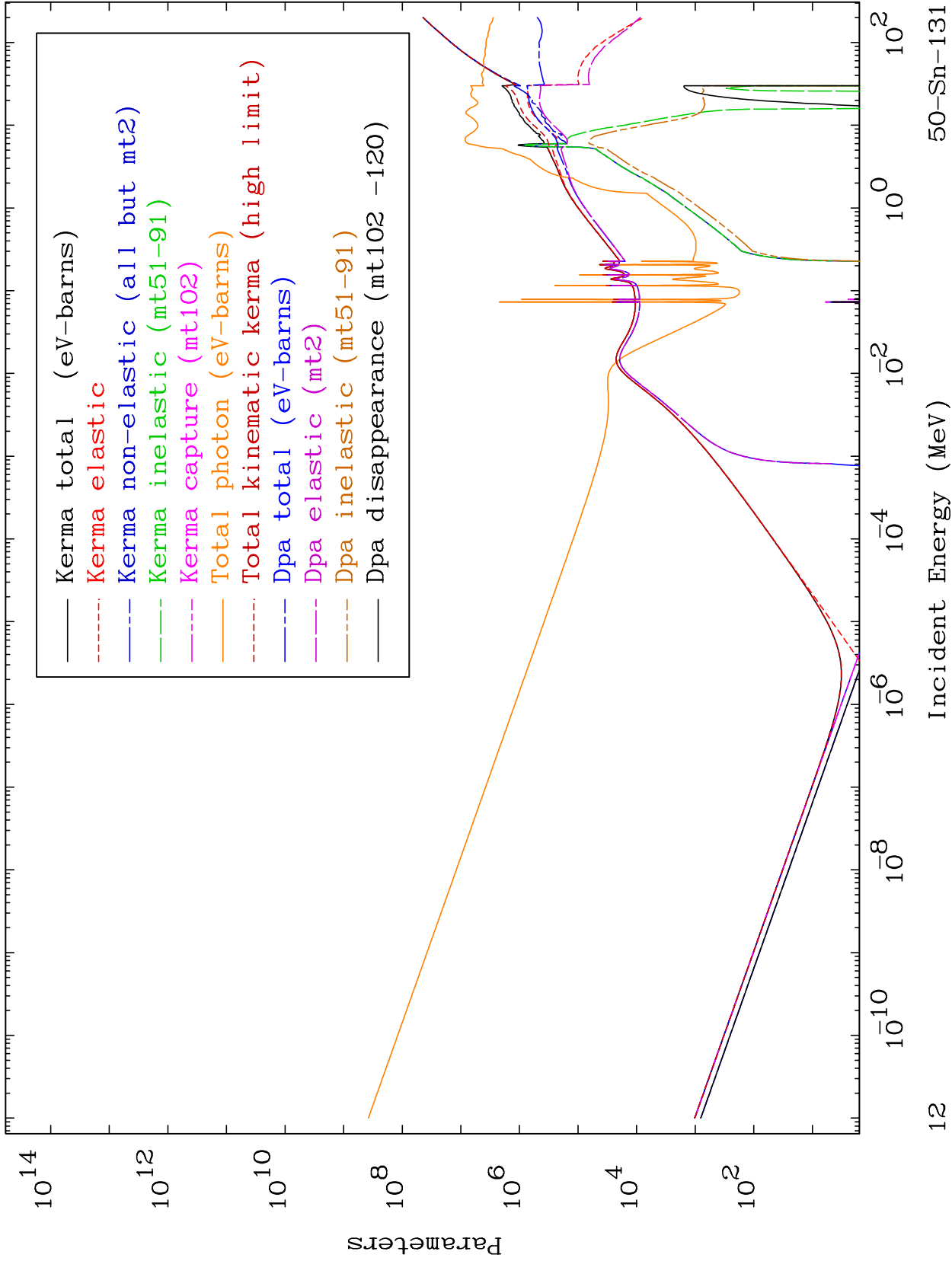
50-Sn-131

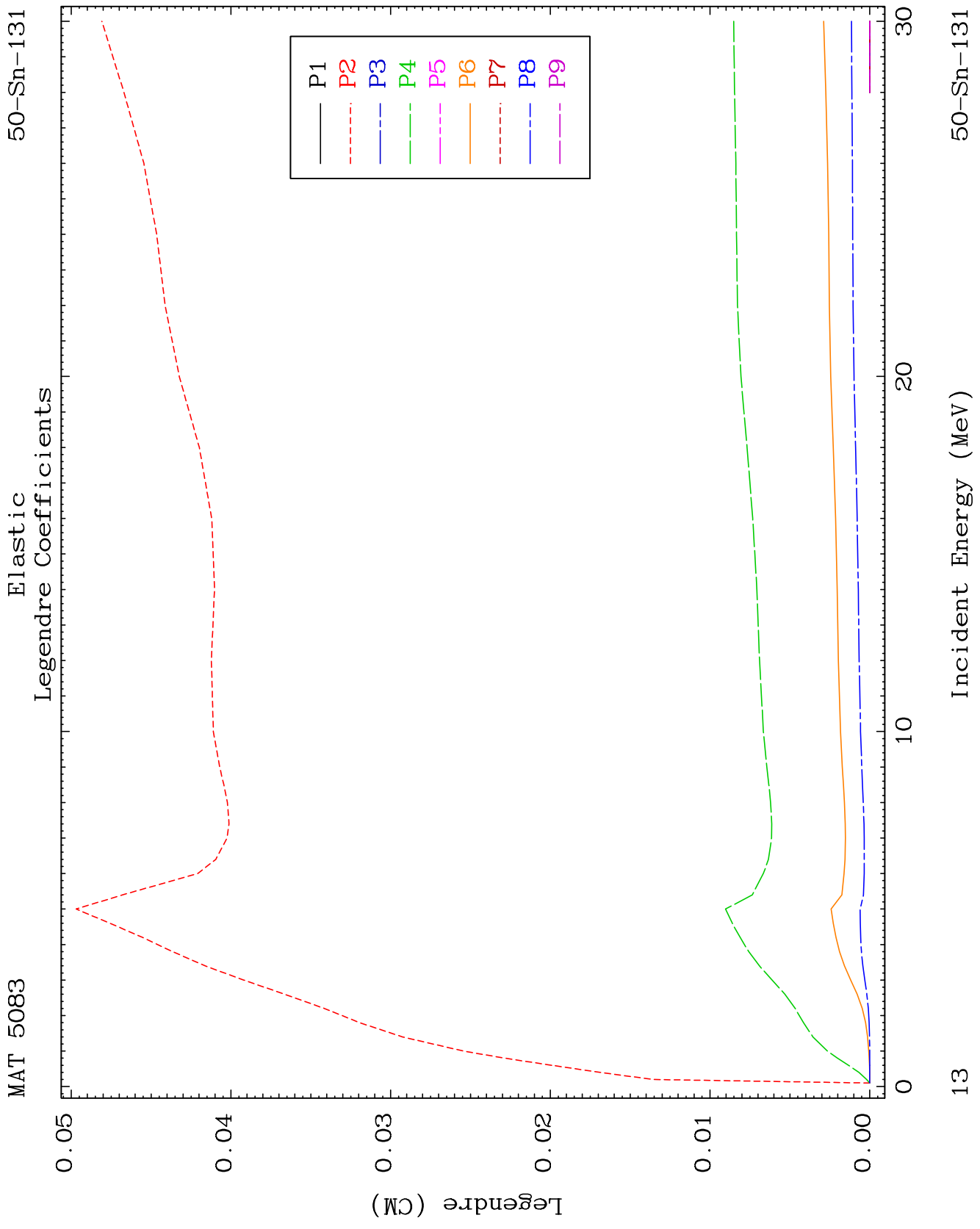


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Incident Energy (MeV)

50-Sn-131

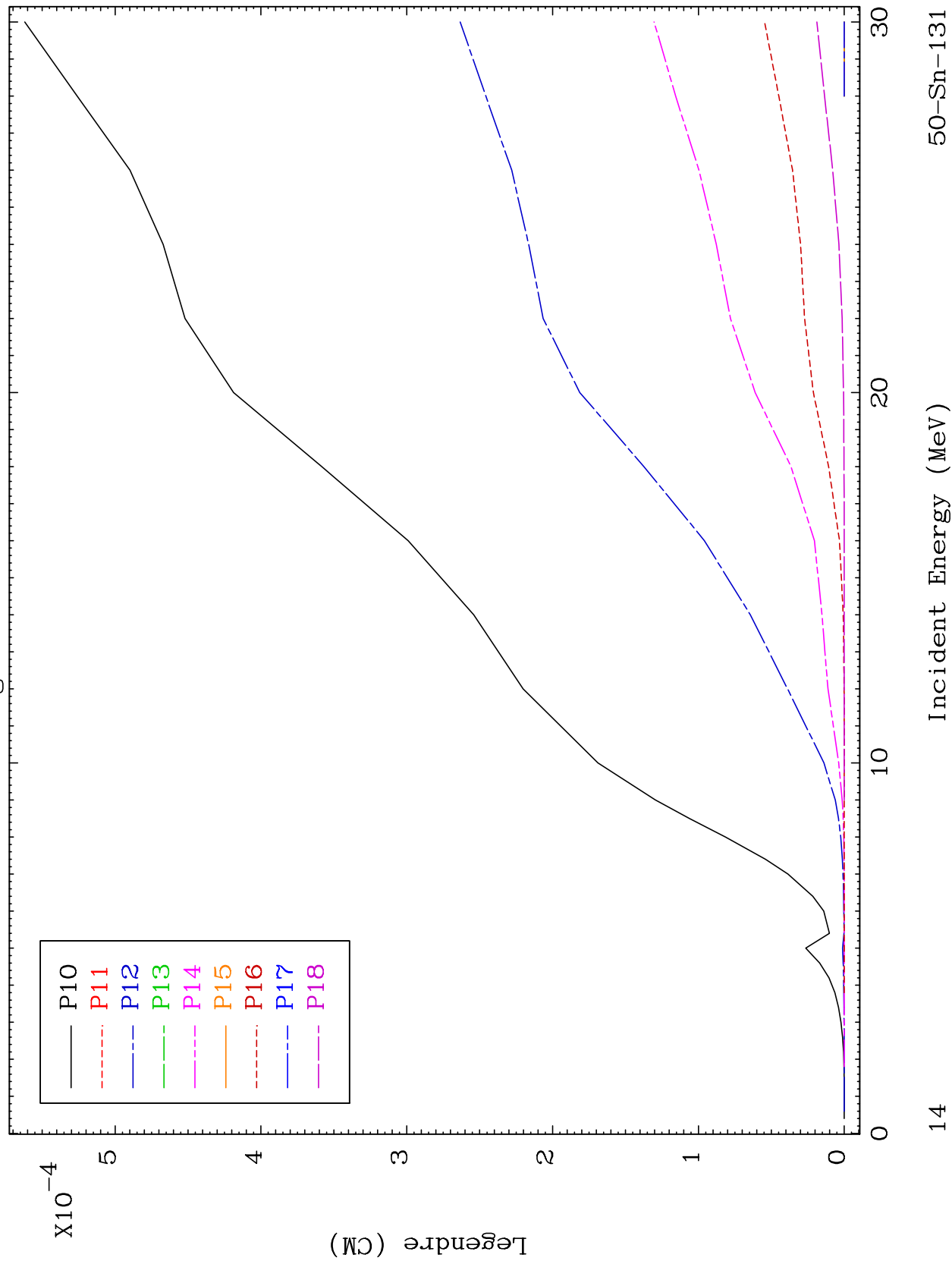




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Elastic Legendre Coefficients

50-Sn-131



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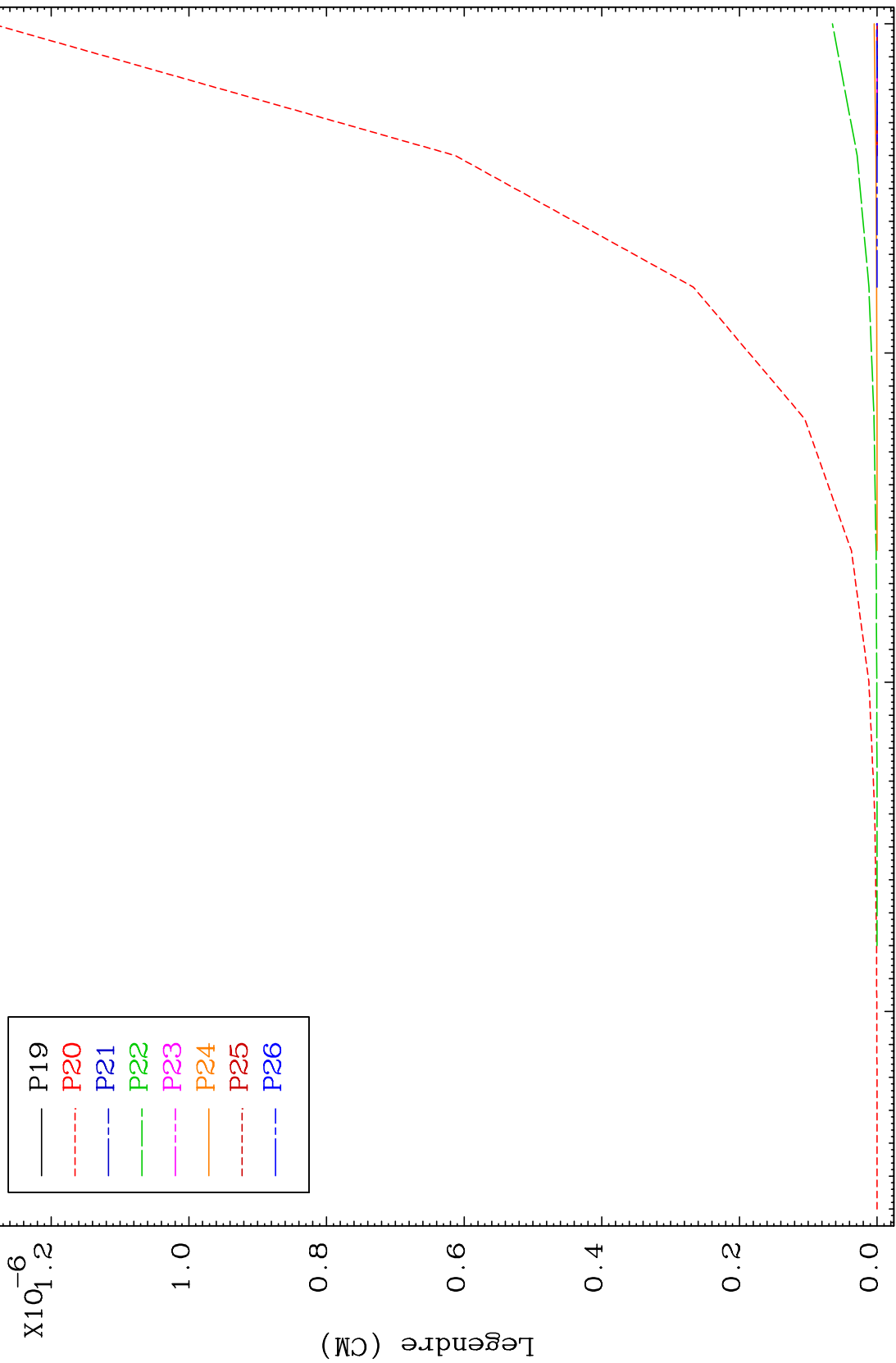
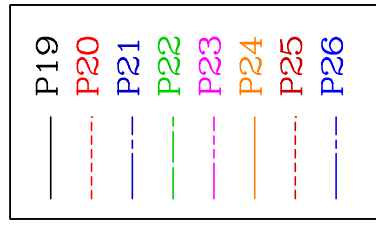
Incident Energy (MeV)

50-Sn-131

MAT 5083

Elastic  
Legendre Coefficients

50-Sn-131



15

Incident Energy (MeV)

50-Sn-131

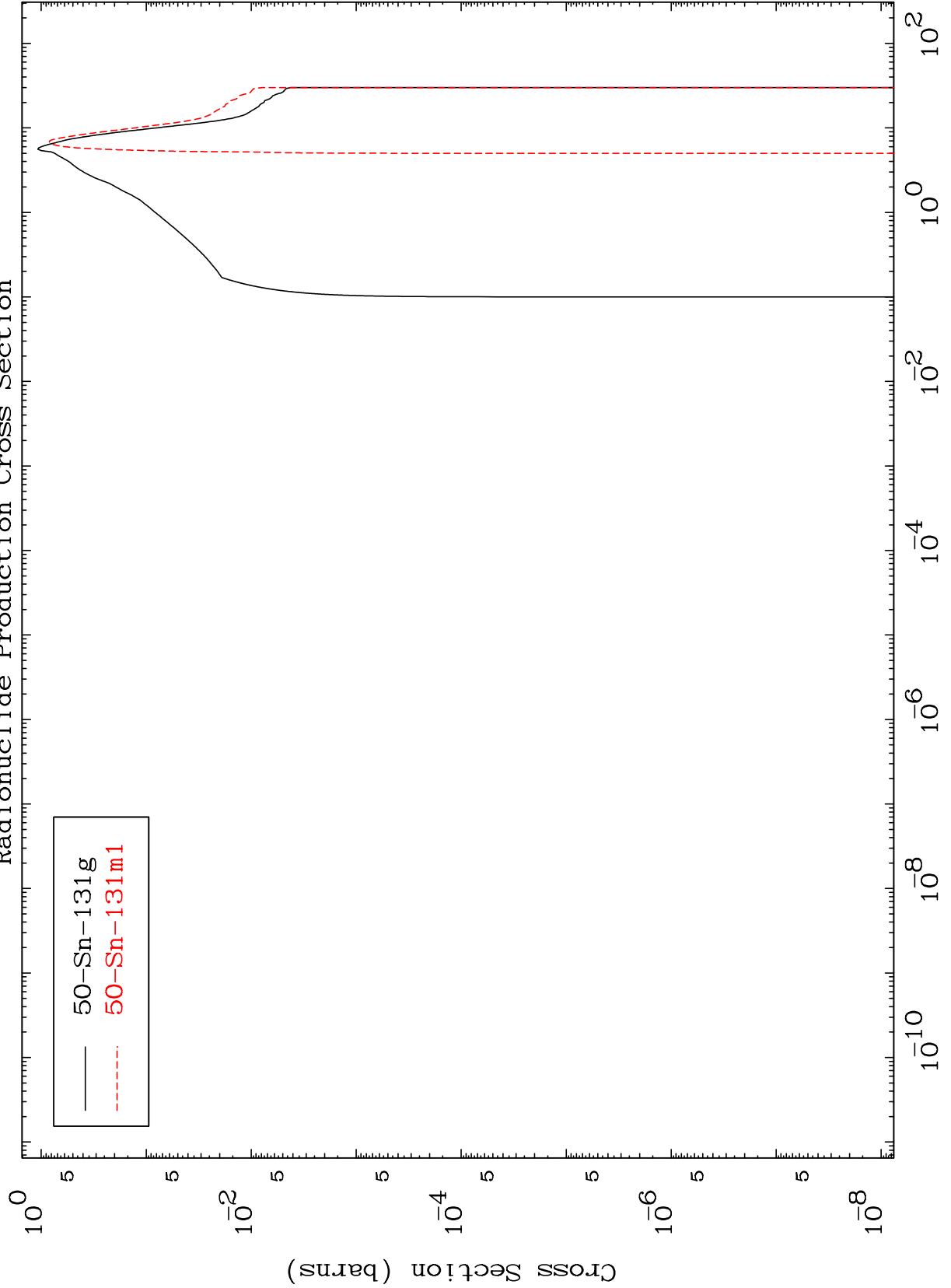


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50-Sn-131

Inelastic

Radionuclide Production Cross Section



50-Sn-131g  
50-Sn-131m1

Incident Energy (MeV)

50-Sn-131

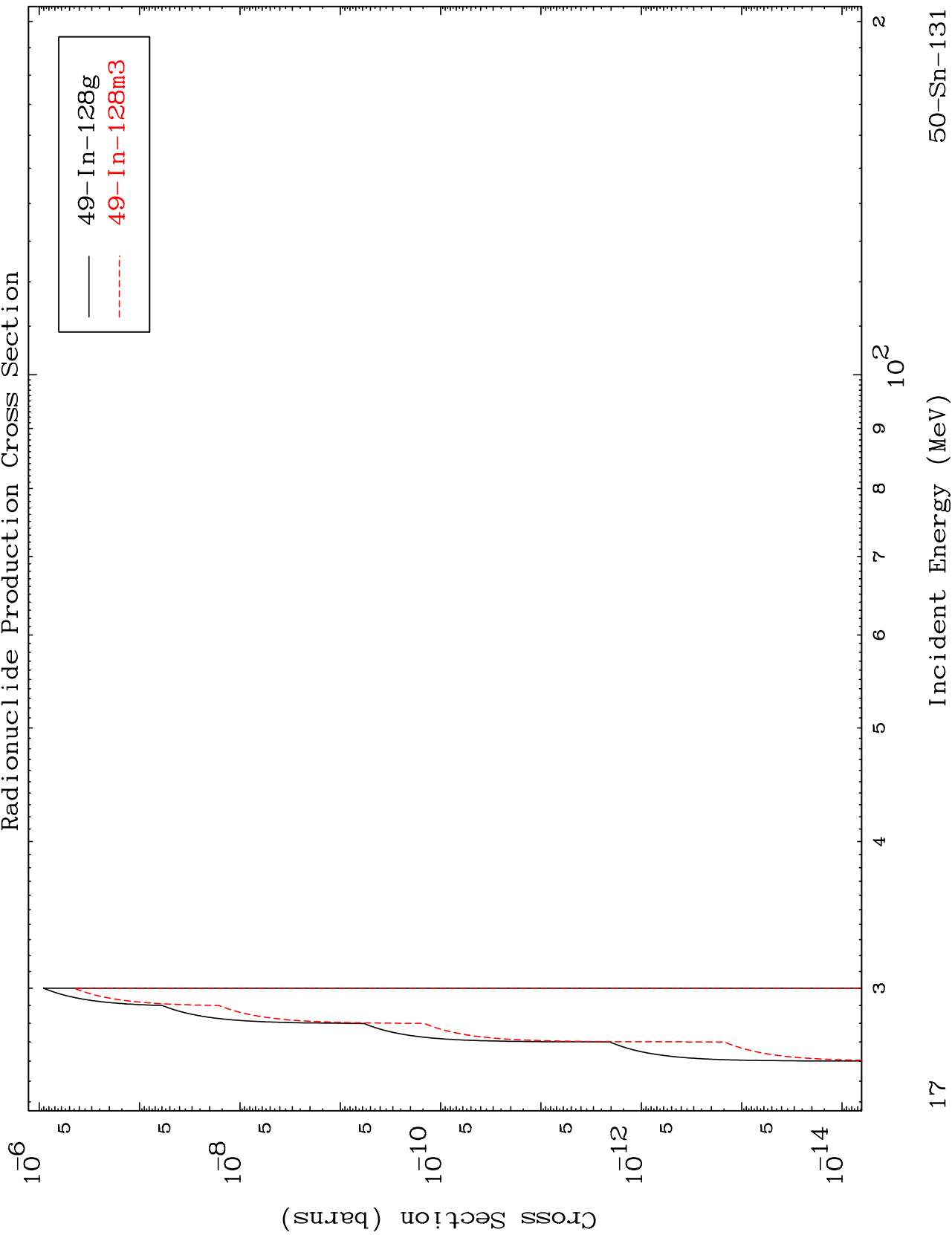
16

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(n,2n) d

50-Sn-131

Radionuclide Production Cross Section



17

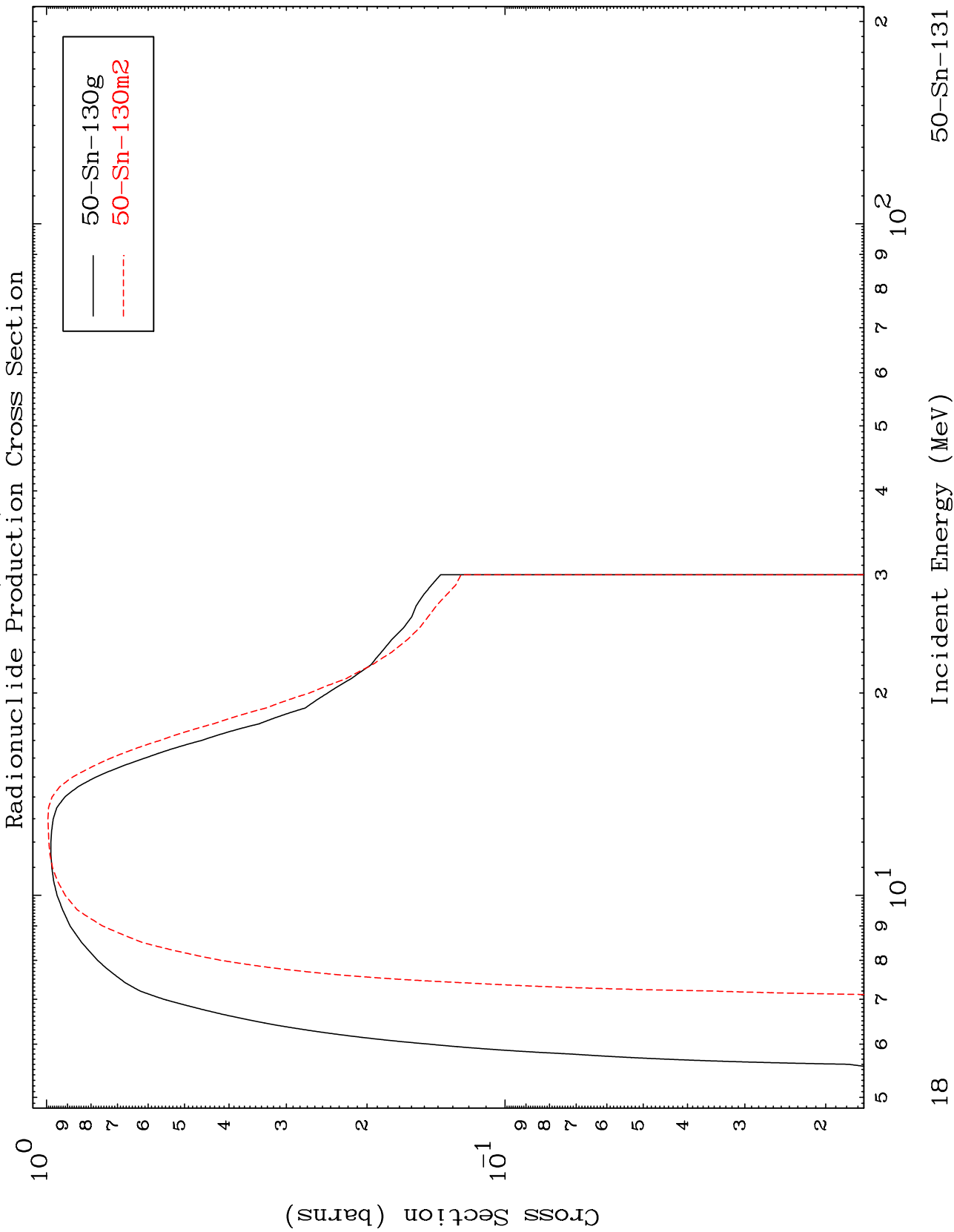
Incident Energy (MeV)

50-Sn-131

MAT 5083

(n,2n)

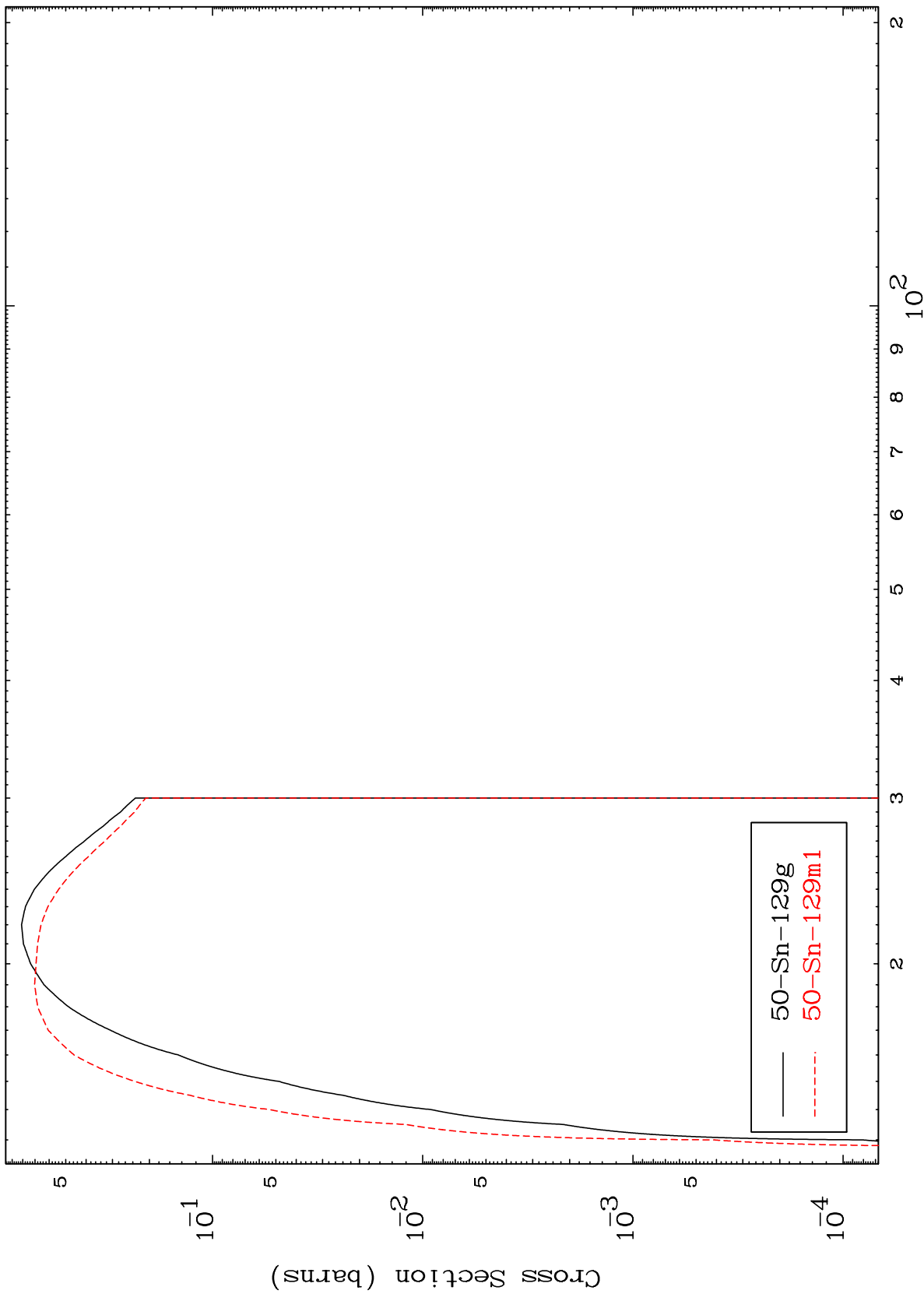
50-Sn-131



MAT 5083

50-Sn-131

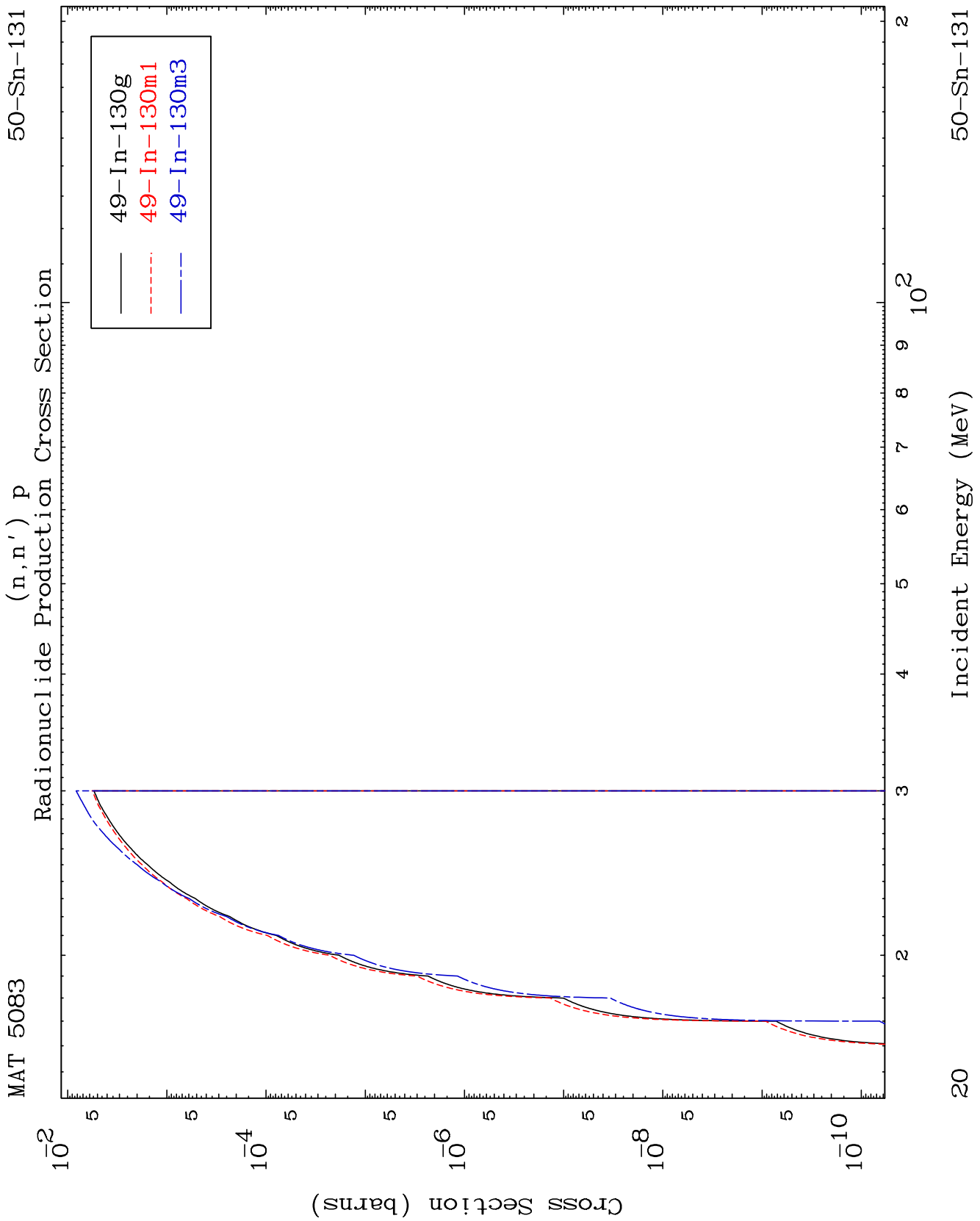
(n,3n)  
Radionuclide Production Cross Section



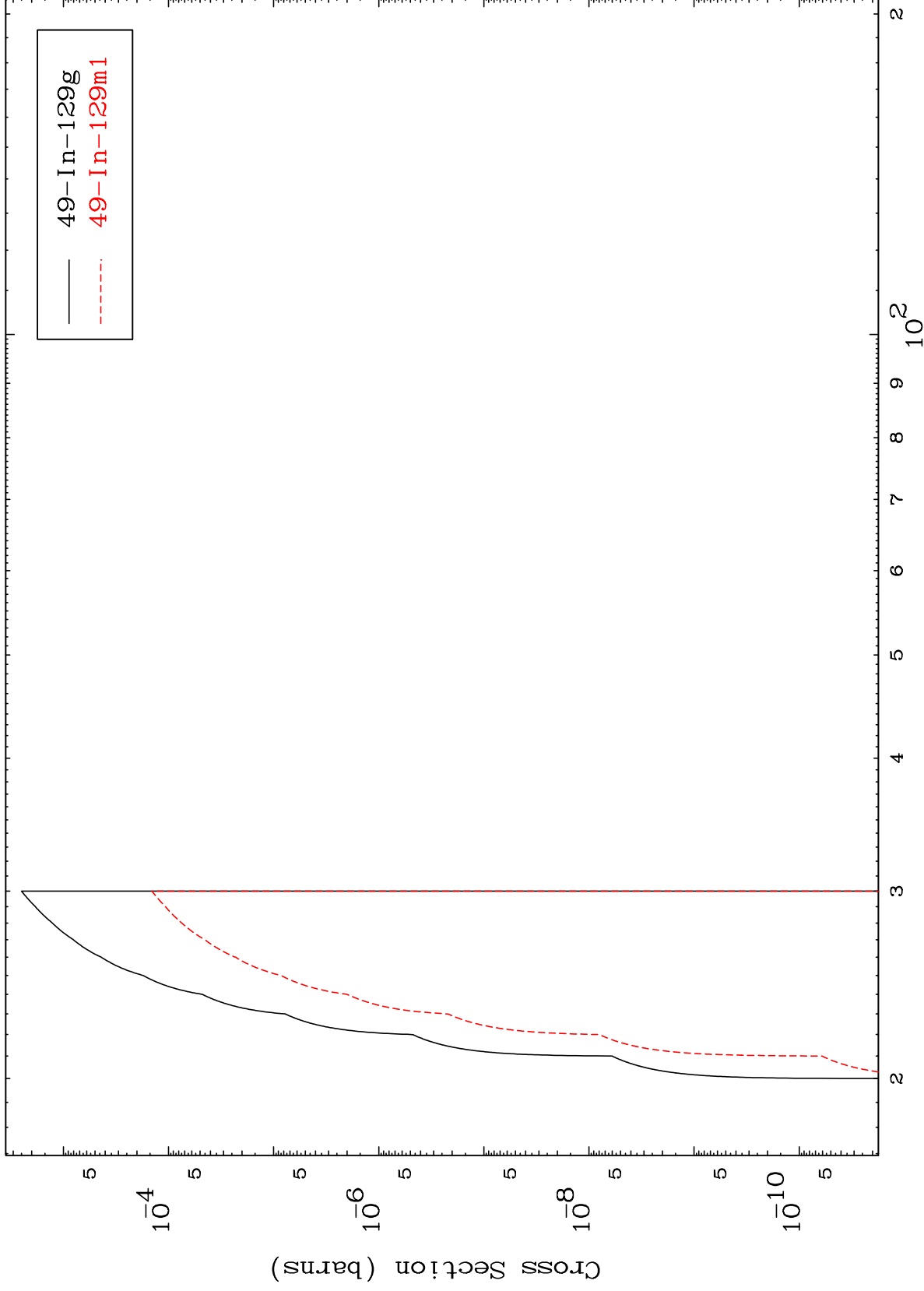
50-Sn-131

Incident Energy (MeV)

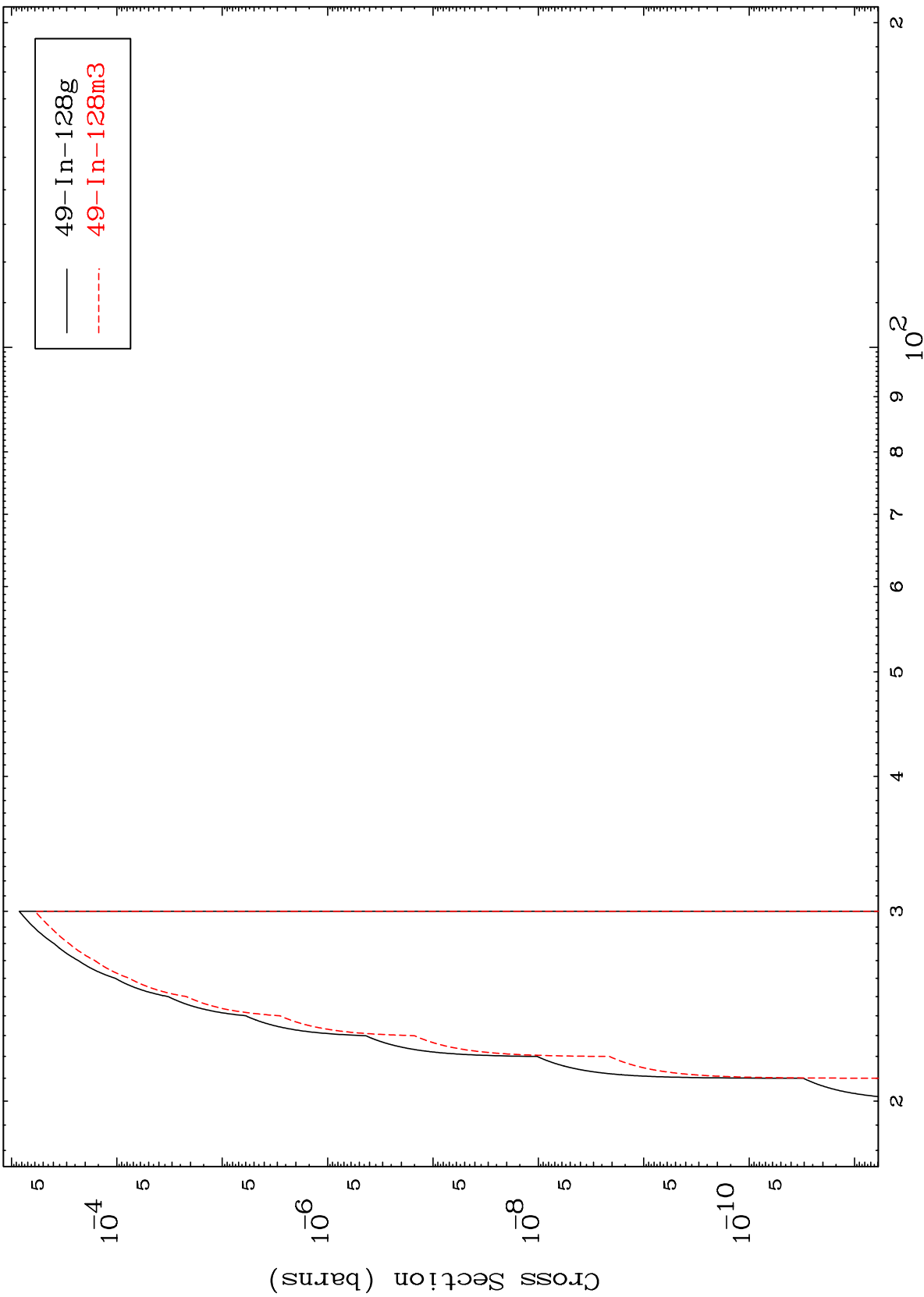
19



Radionuclide Production Cross Section



Radionuclide Production Cross Section

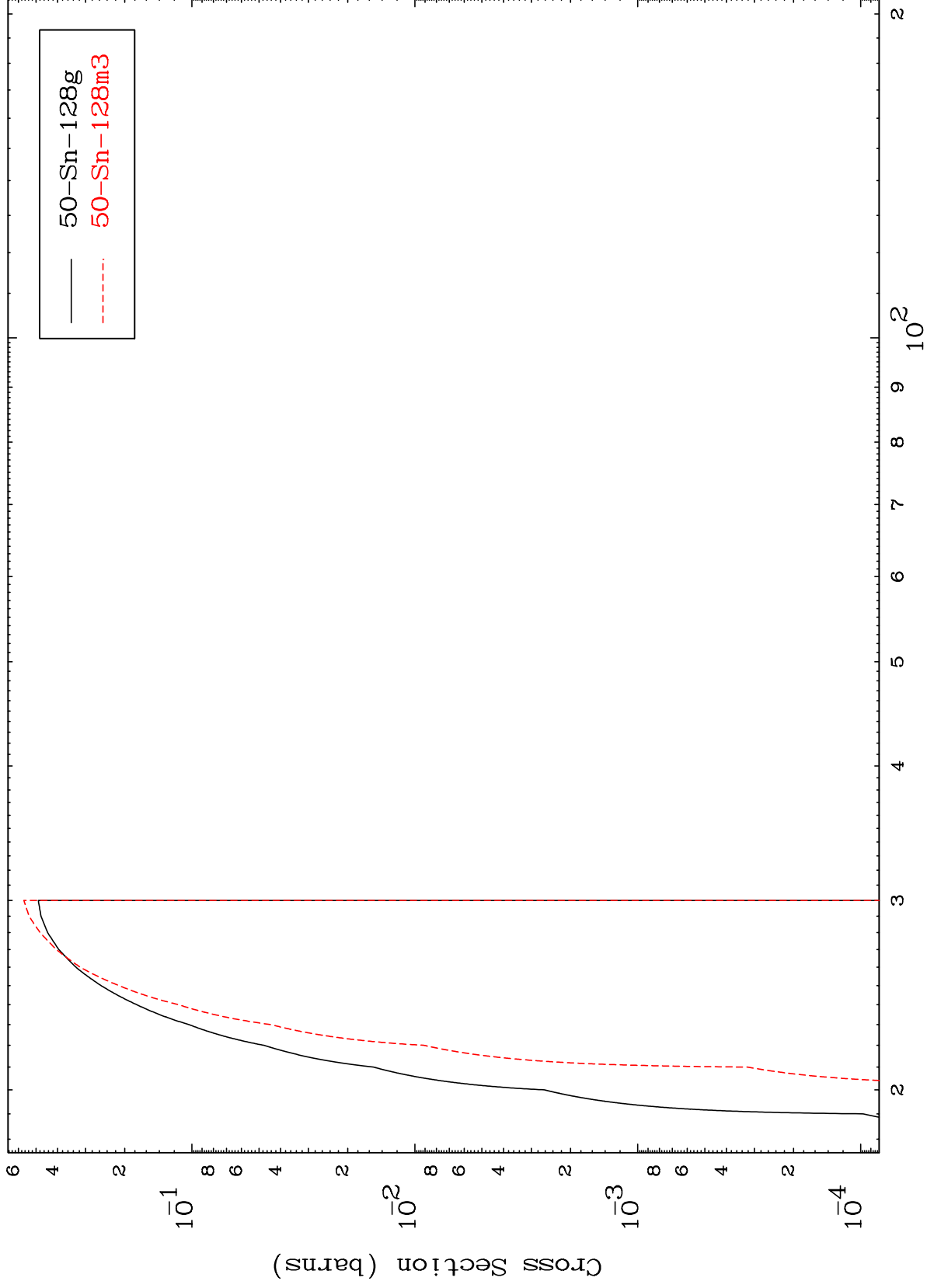


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(n,4n)

50-Sn-131

Radionuclide Production Cross Section



23

Incident Energy (MeV)

50-Sn-131

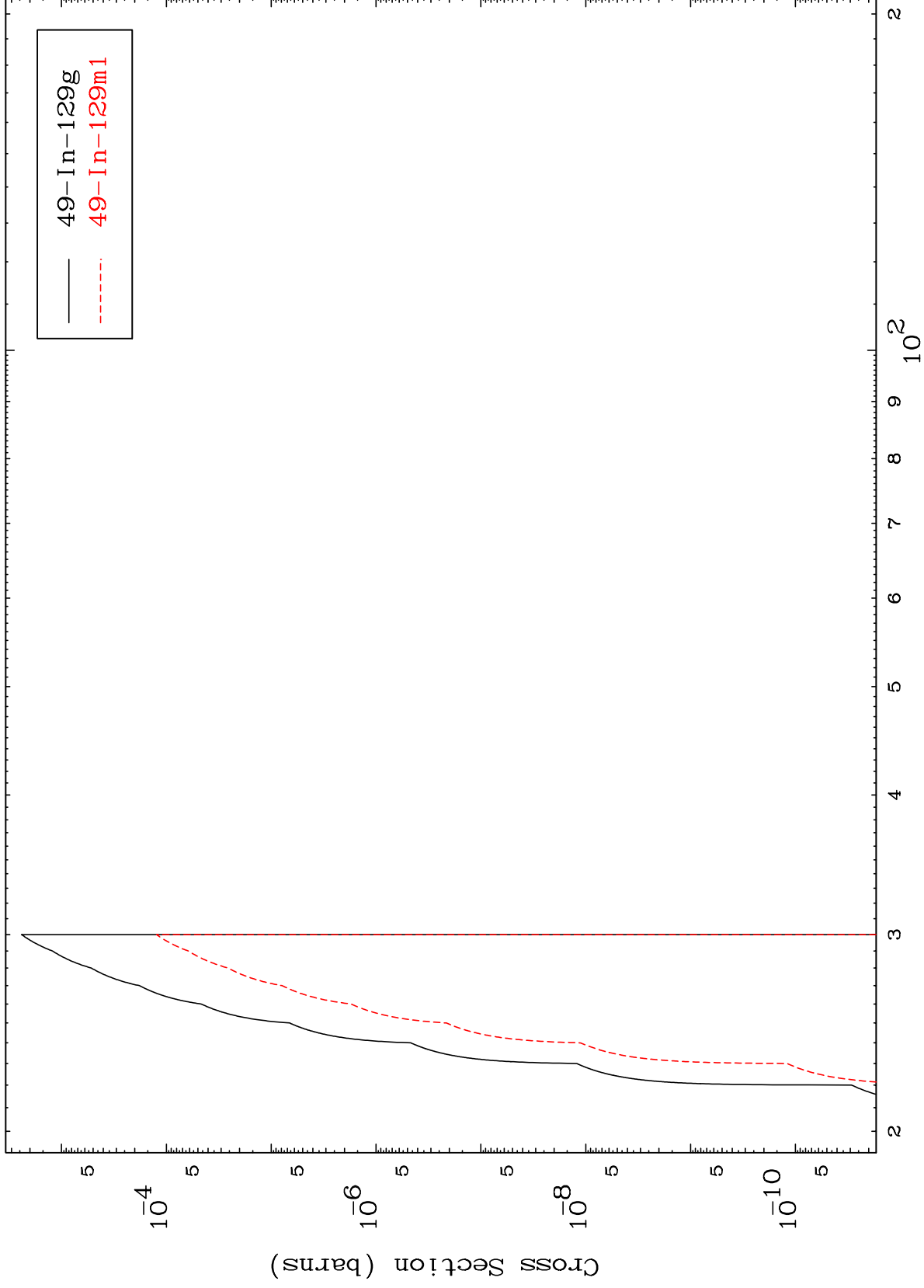


MAT 5083

(n,2n) p

50-Sn-131

Radionuclide Production Cross Section



24

Incident Energy (MeV)

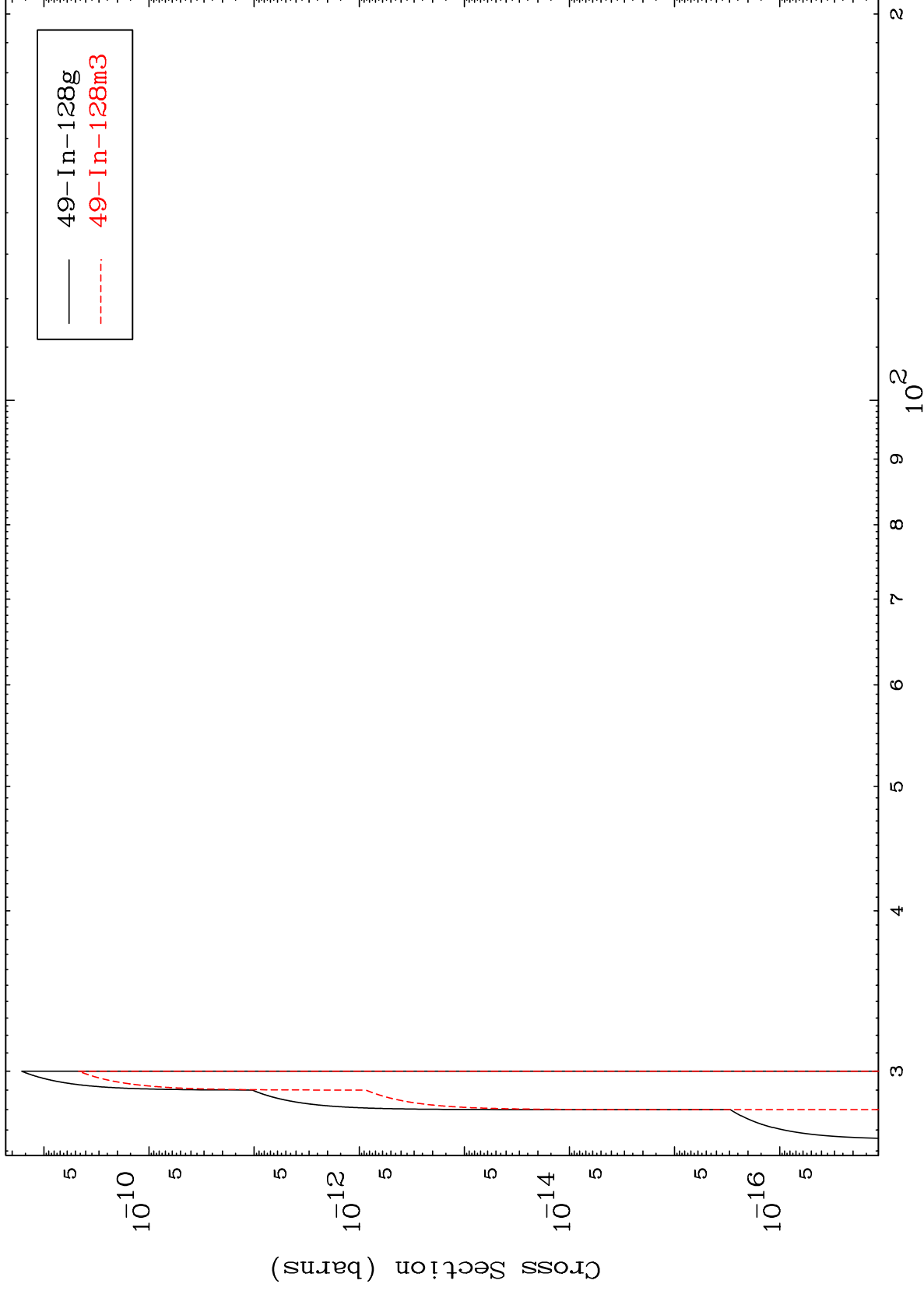
50-Sn-131

MAT 5083

(n,3n) p

50-Sn-131

Radionuclide Production Cross Section



25

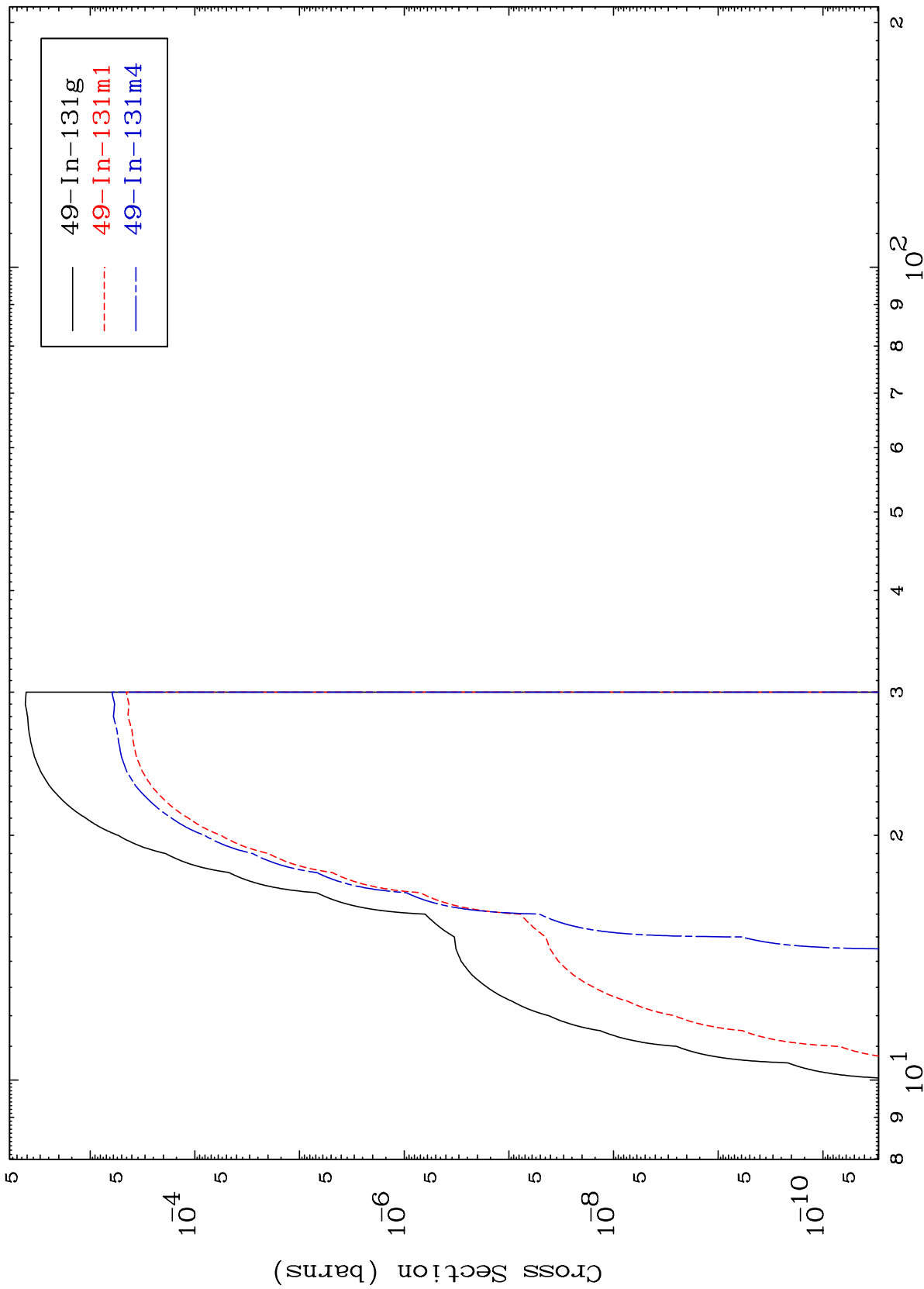
Incident Energy (MeV)

50-Sn-131

MAT 5083

50-Sn-131

(n,p)  
Radionuclide Production Cross Section



26

Incident Energy (MeV)

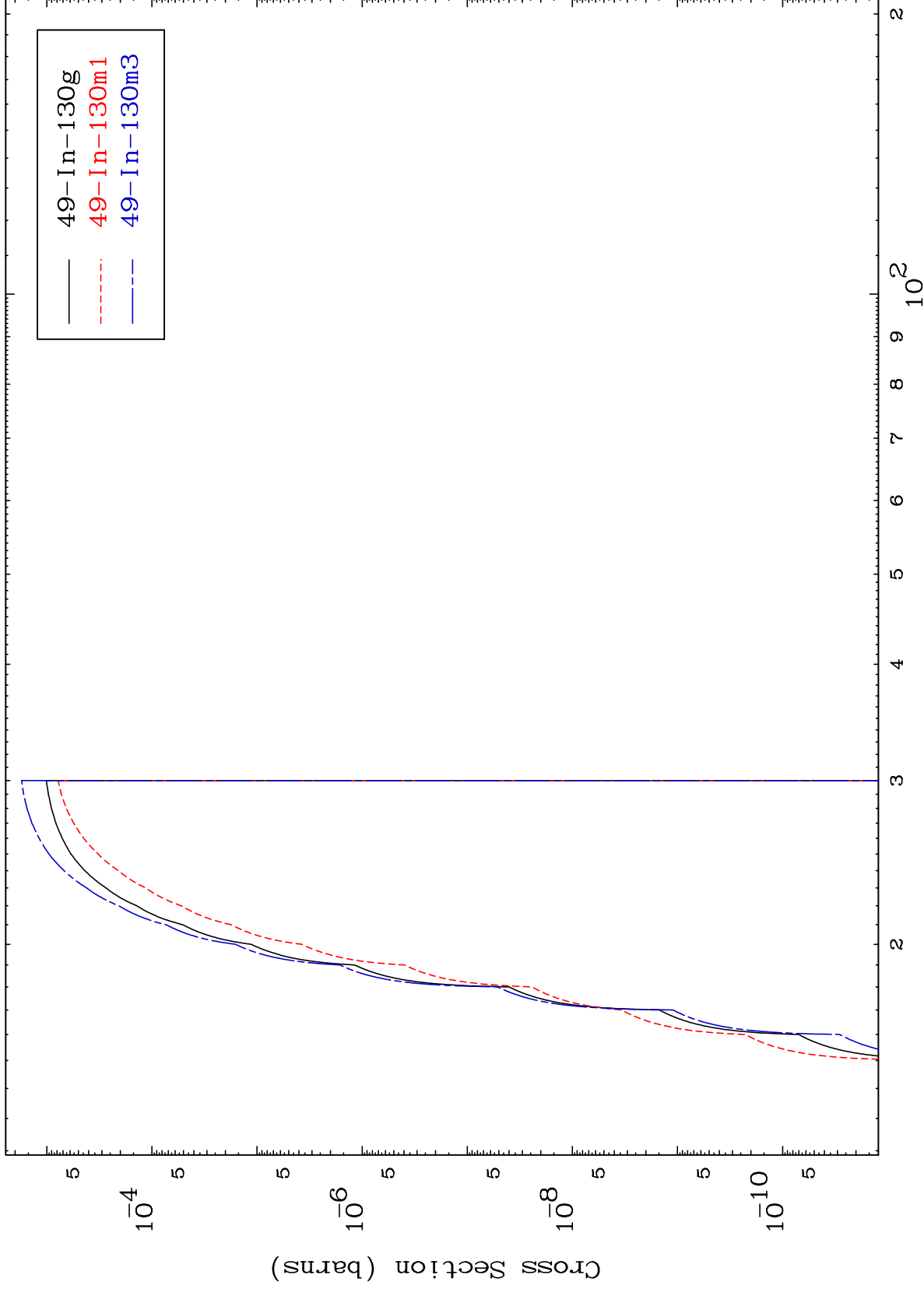
50-Sn-131

MAT 5083

(n,d)

50-Sn-131

Radionuclide Production Cross Section



27

Incident Energy (MeV)

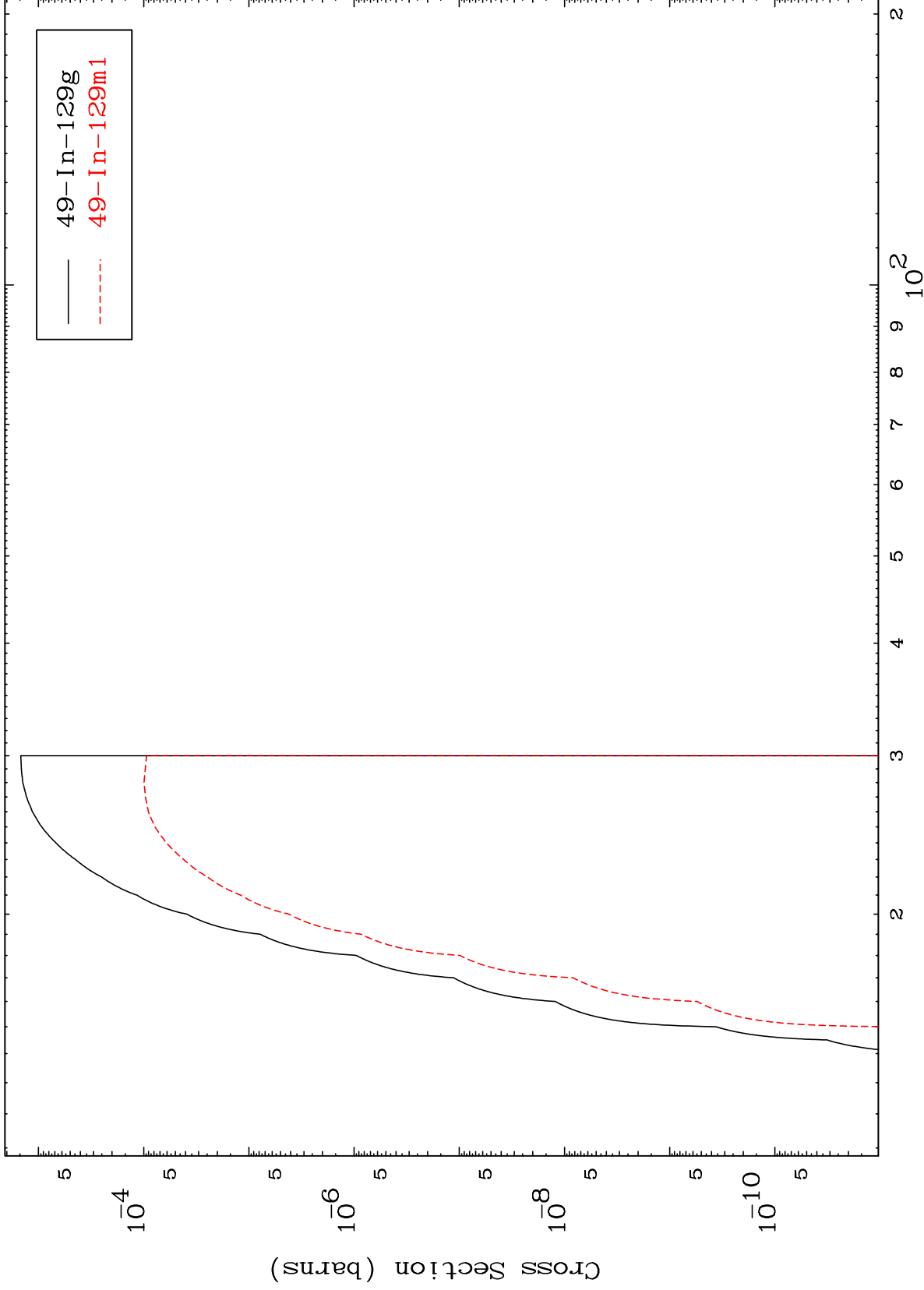
50-Sn-131

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(n,t)

50-Sn-131

Radionuclide Production Cross Section



28

Incident Energy (MeV)

50-Sn-131