

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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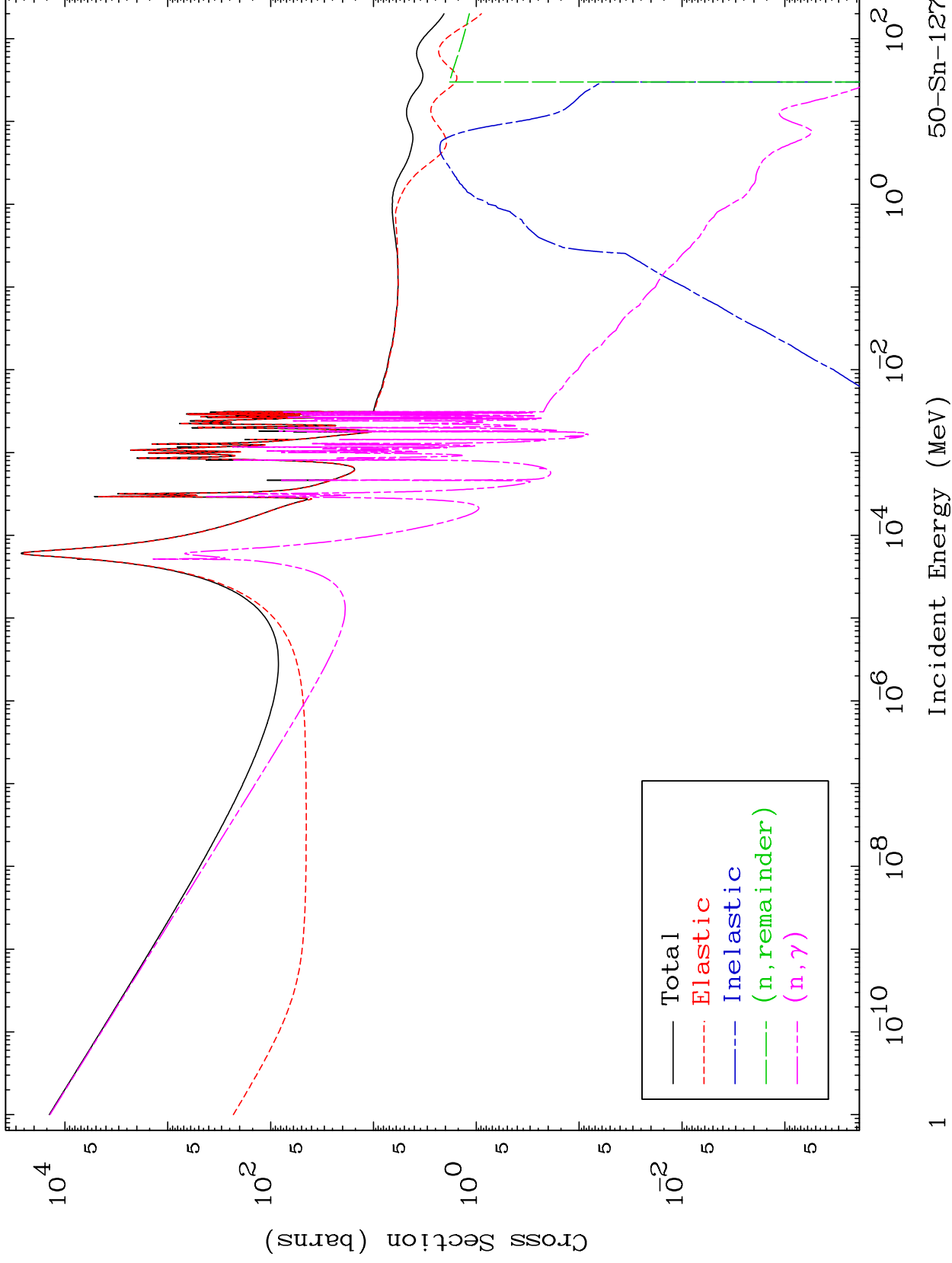
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5071

Major  
293 Kelvin Cross Sections

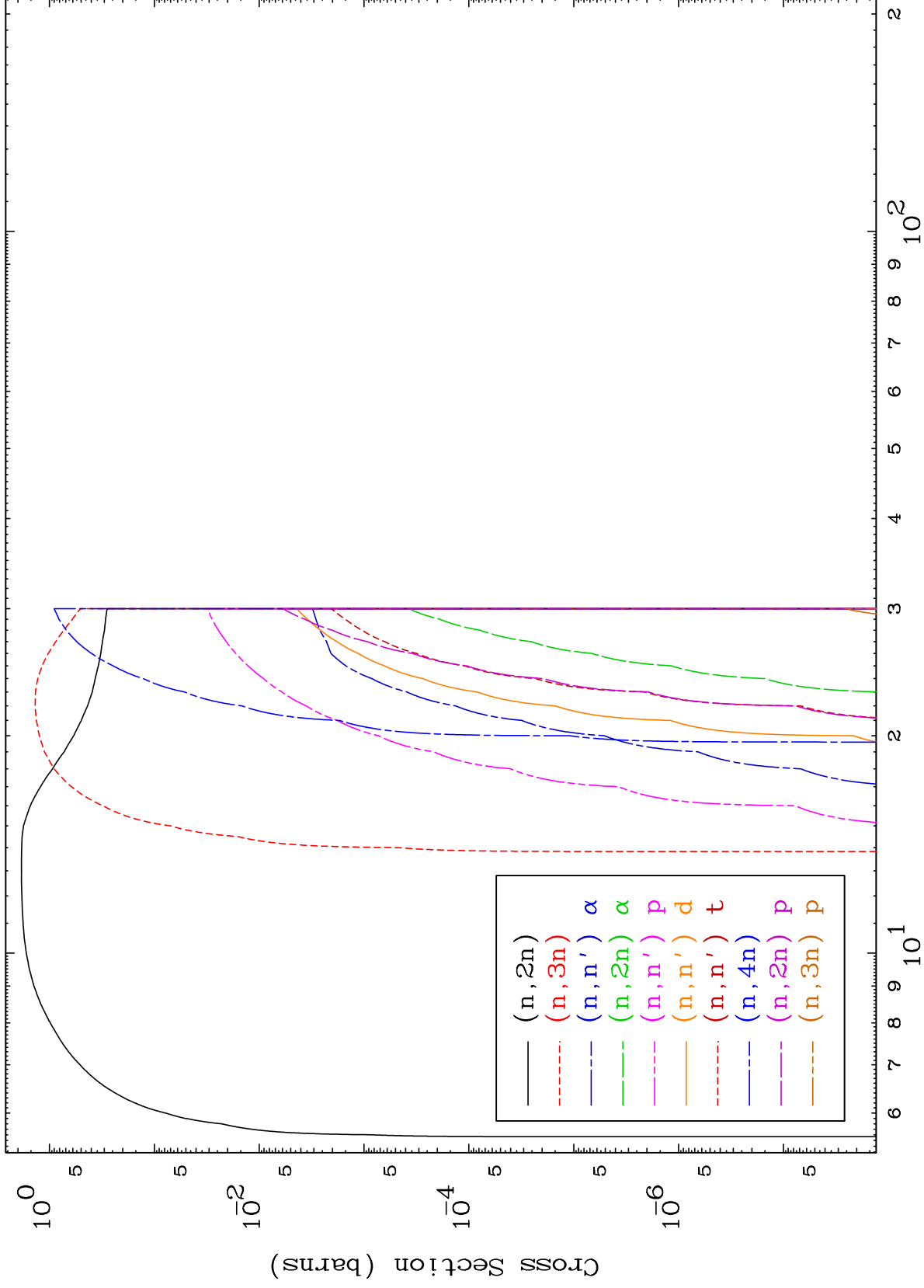
50-Sn-127



MAT 5071

Neutron Production  
293 Kelvin Cross Sections

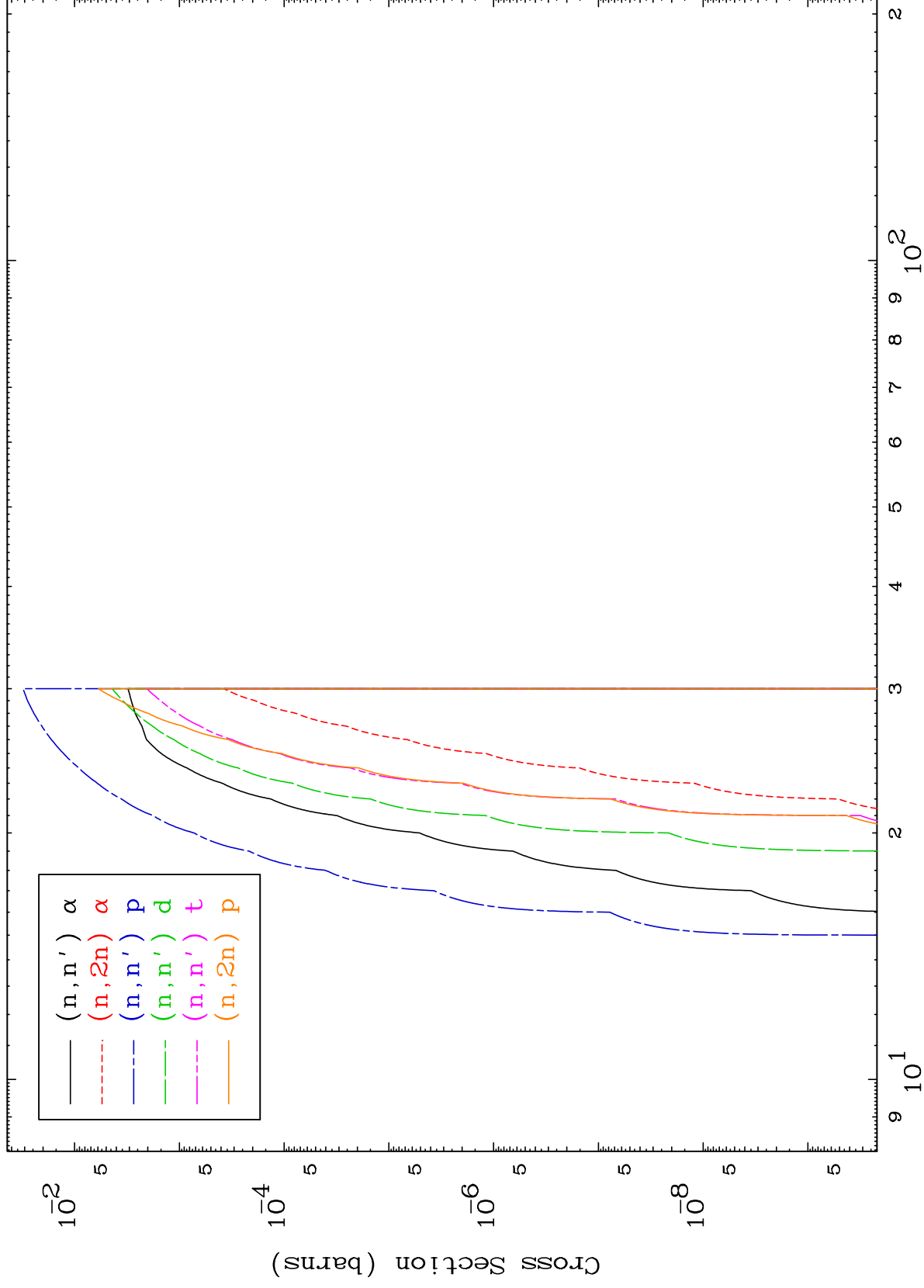
50-Sn-127



MAT 5071

Charged Particle  
293 Kelvin Cross Sections

50-Sn-127



Incident Energy (MeV)

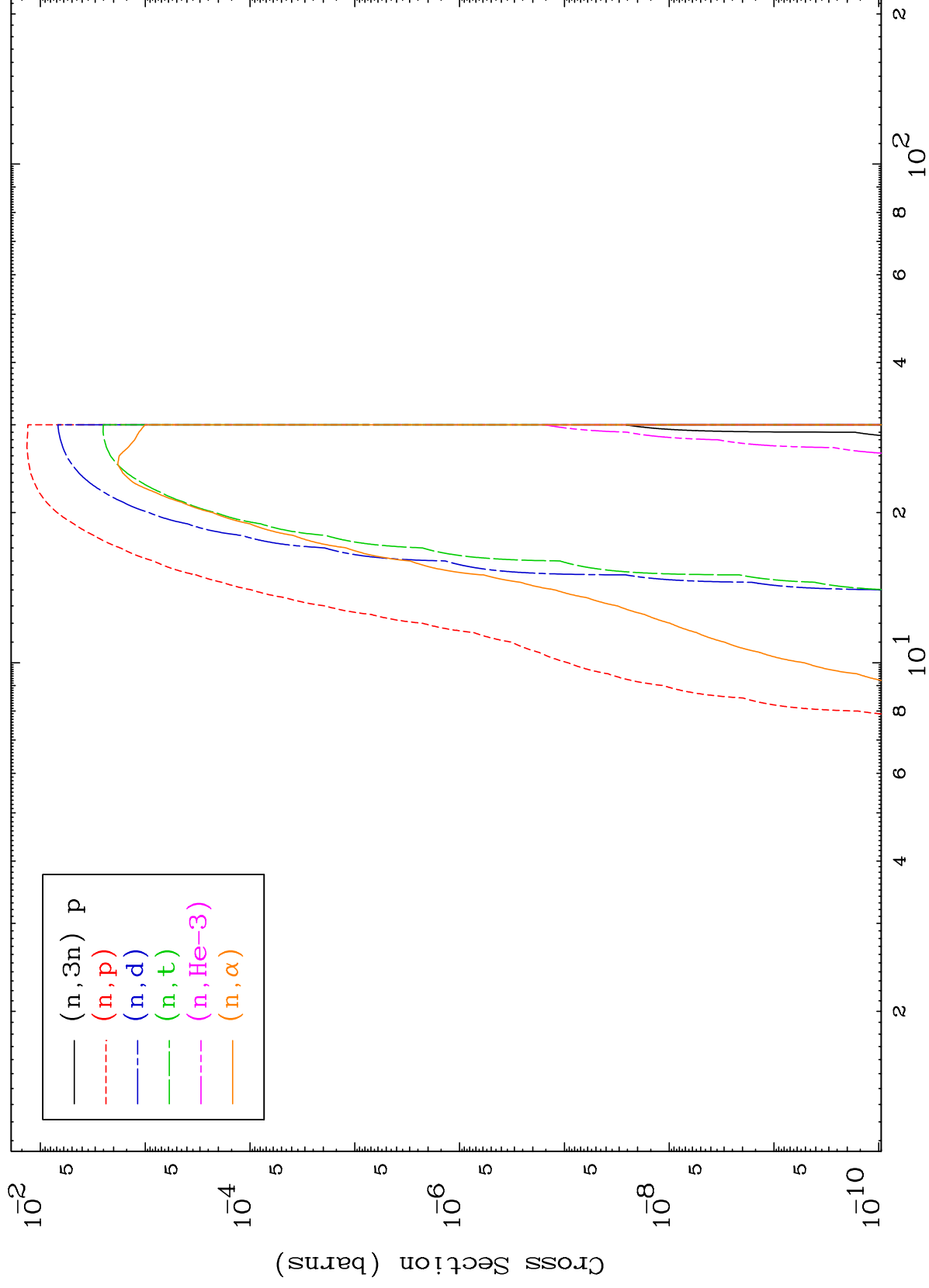
50-Sn-127

MAT 5071

MAT 5071

Charged Particle  
293 Kelvin Cross Sections

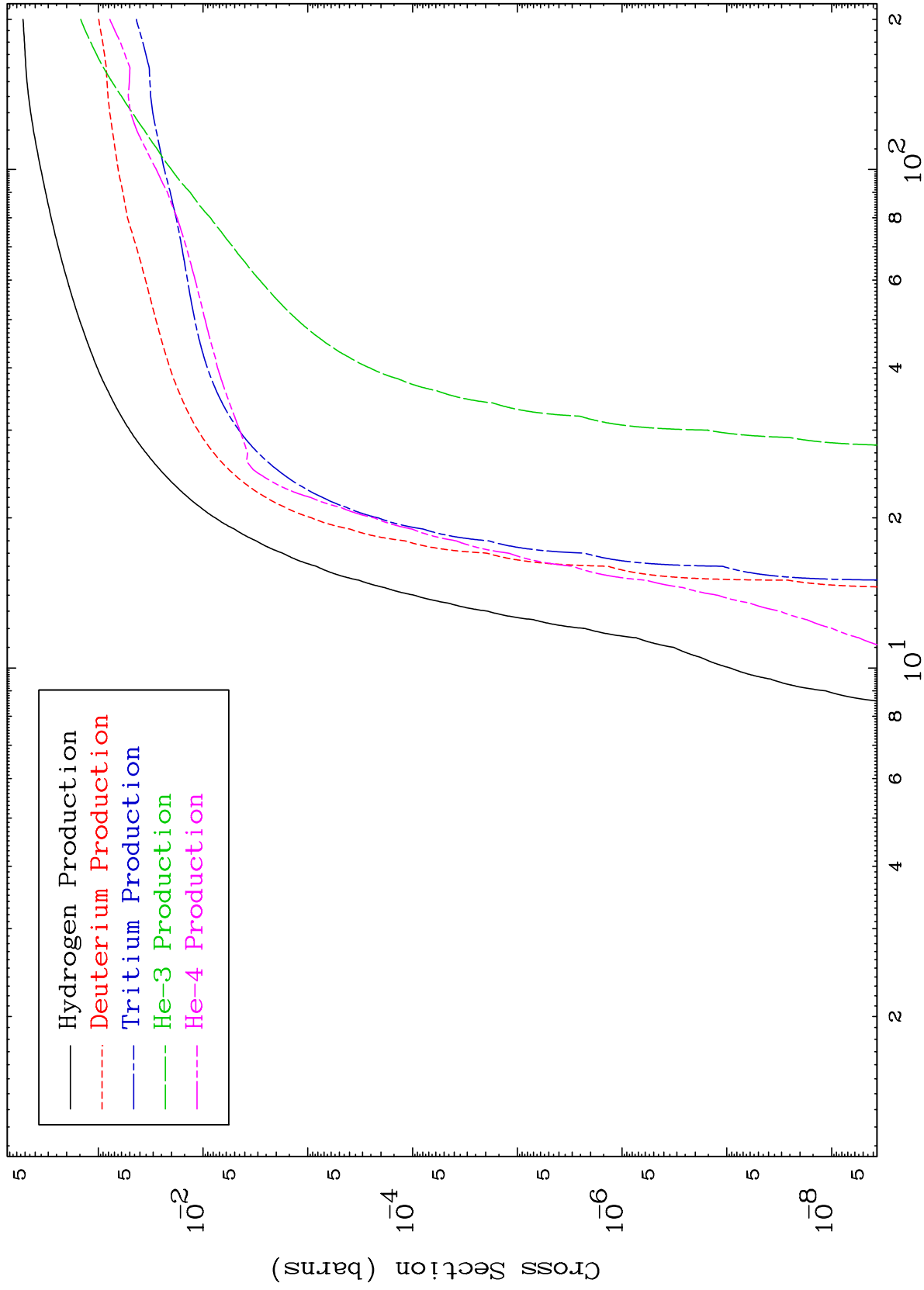
50-Sn-127



MAT 5071

Particle Production  
293 Kelvin Cross Sections

50-Sn-127



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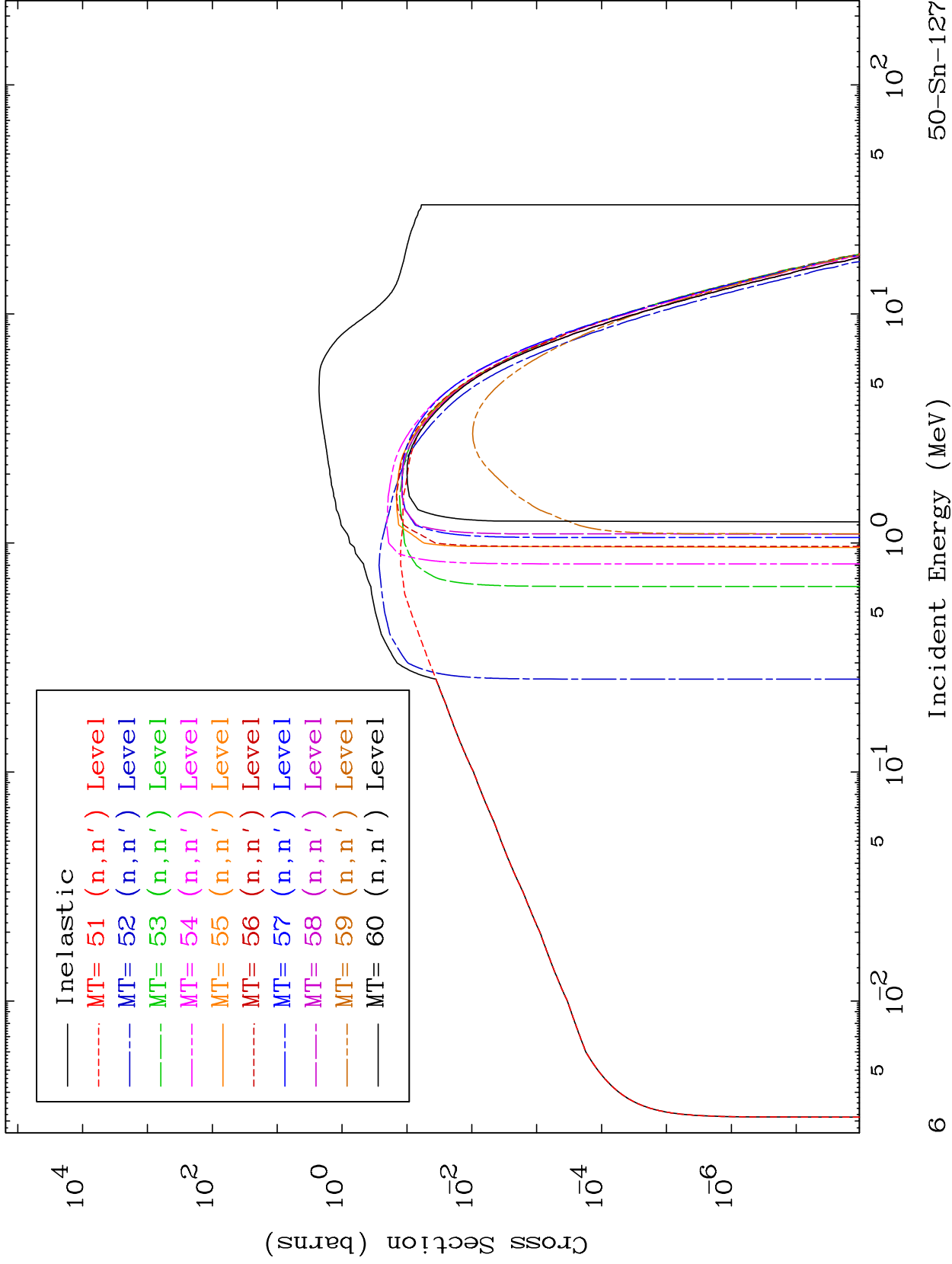
Incident Energy (MeV)

50-Sn-127

MAT 5071

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-127

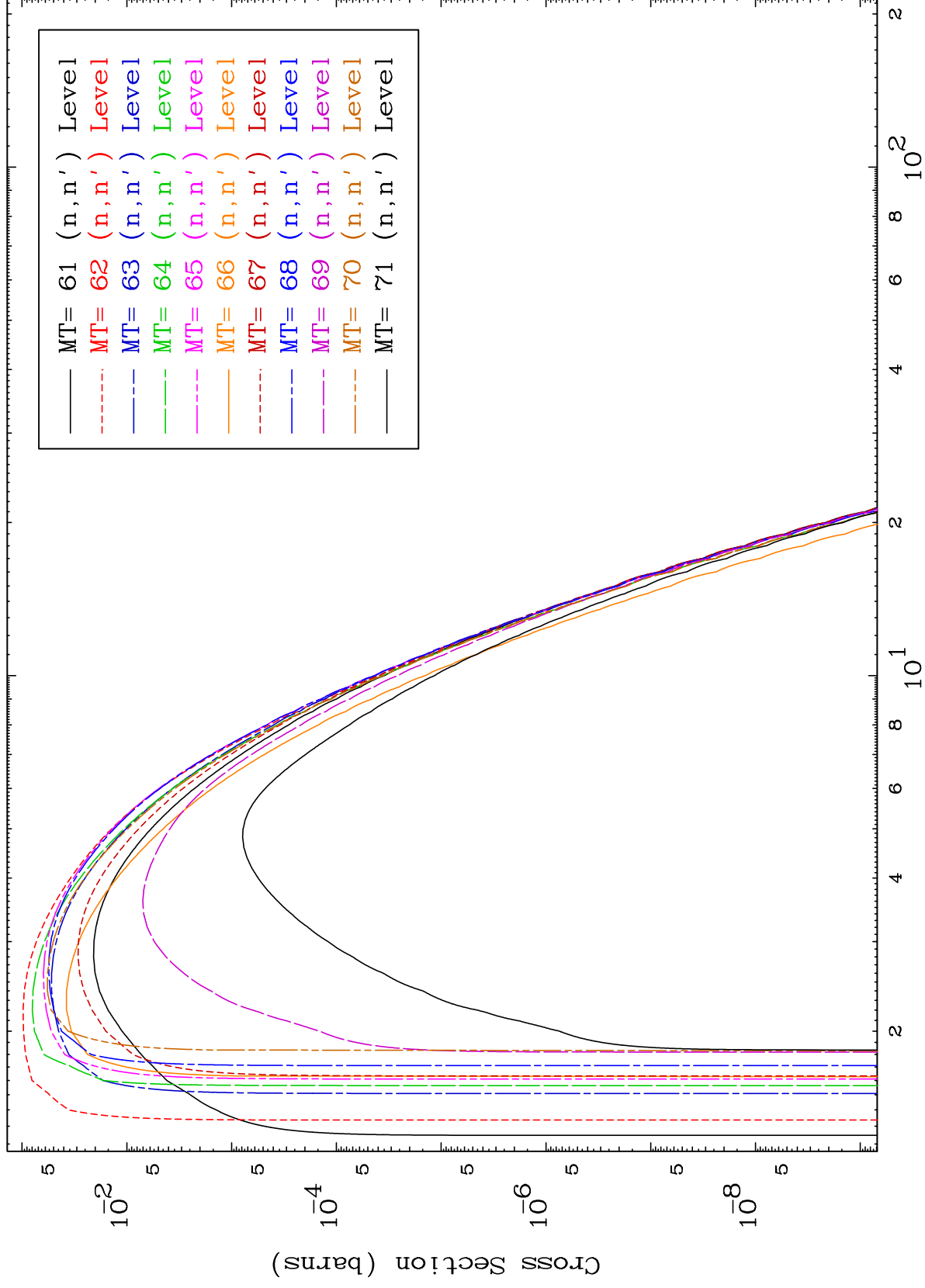


MAT 5071

(n,n') Level

50-Sn-127

293 Kelvin Cross Sections



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Incident Energy (MeV)

50-Sn-127

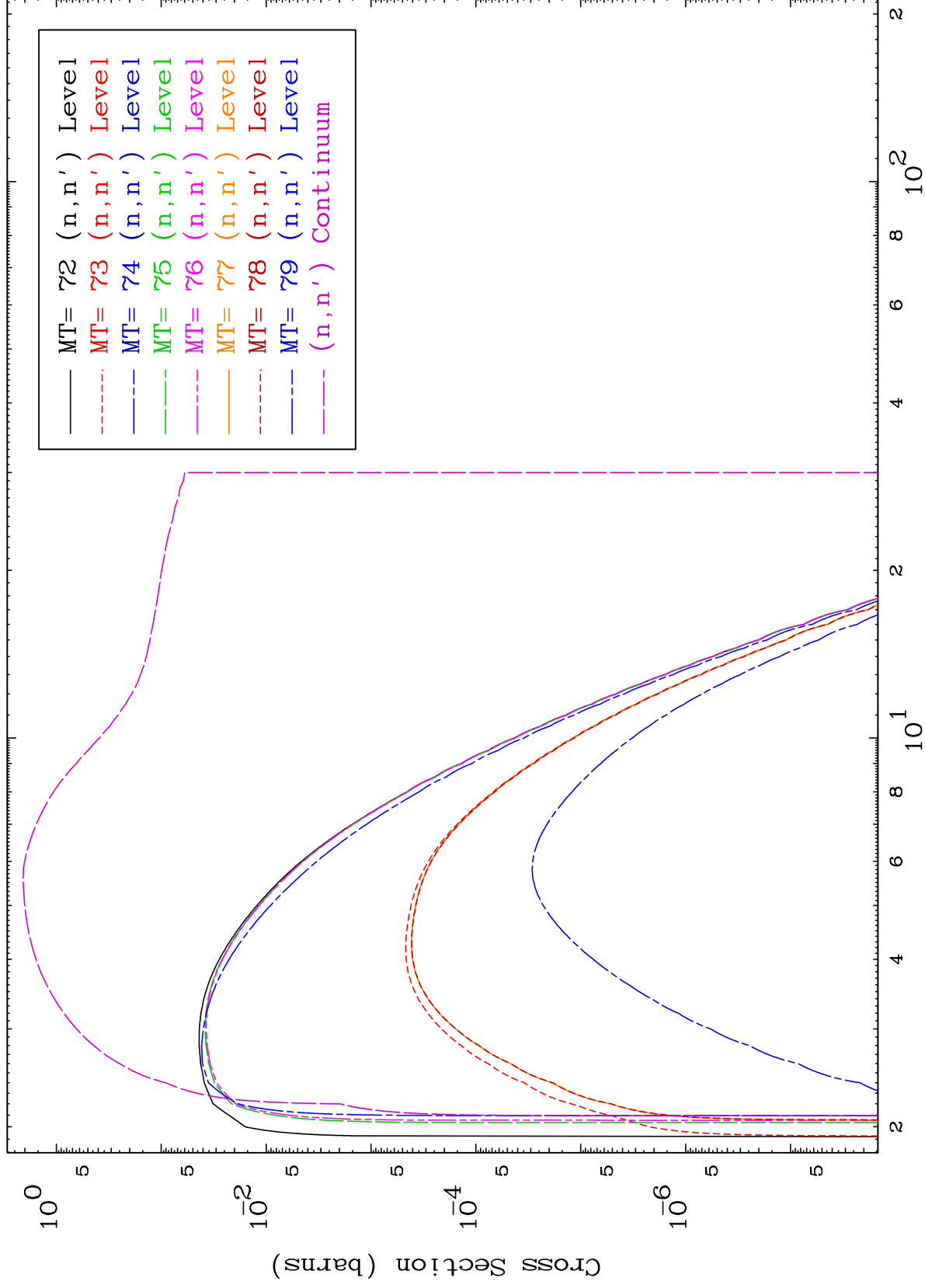


MAT 5071

(n,n') Level

50-Sn-127

293 Kelvin Cross Sections



8

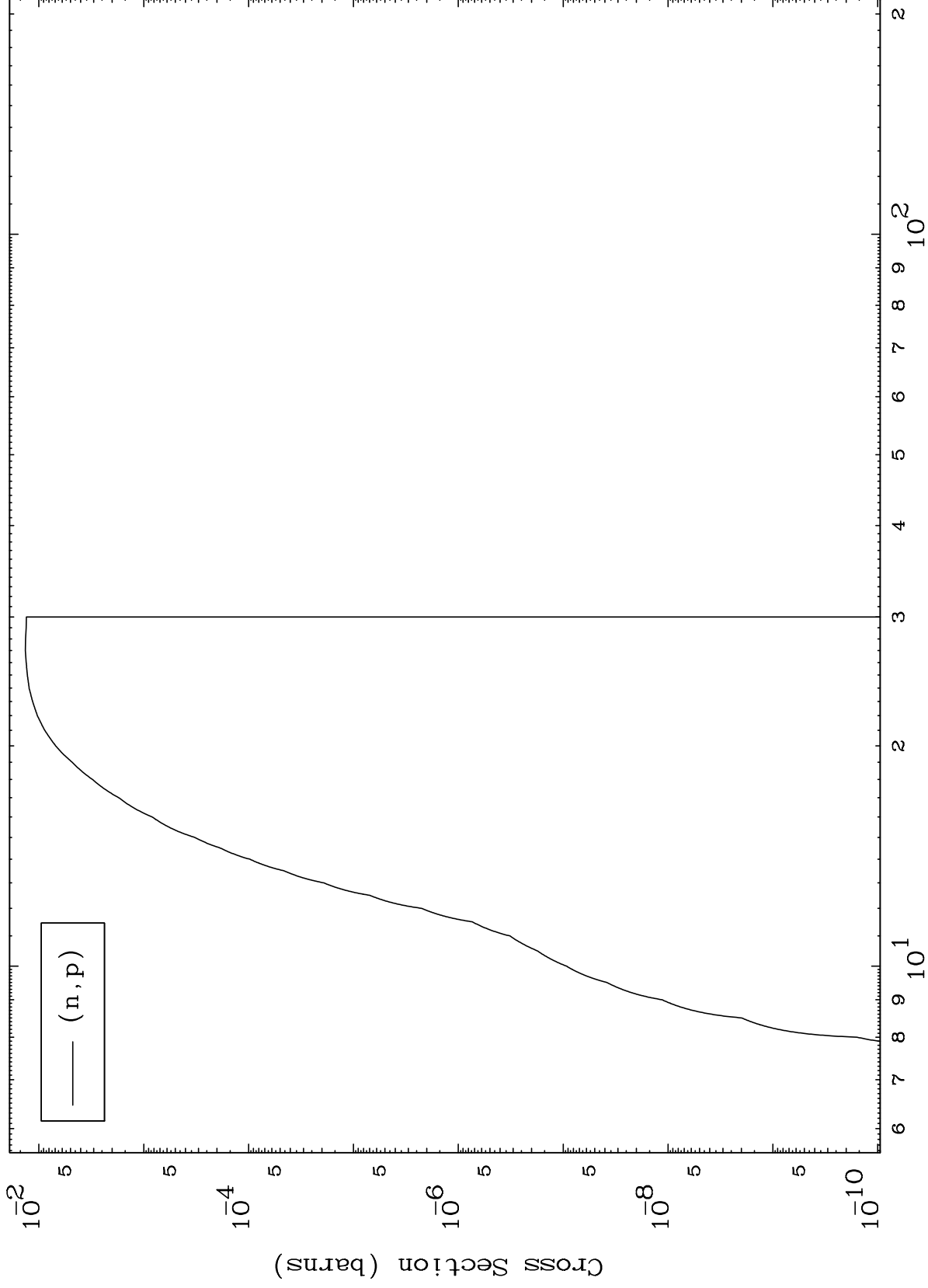
Incident Energy (MeV)

50-Sn-127

MAT 5071

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-127



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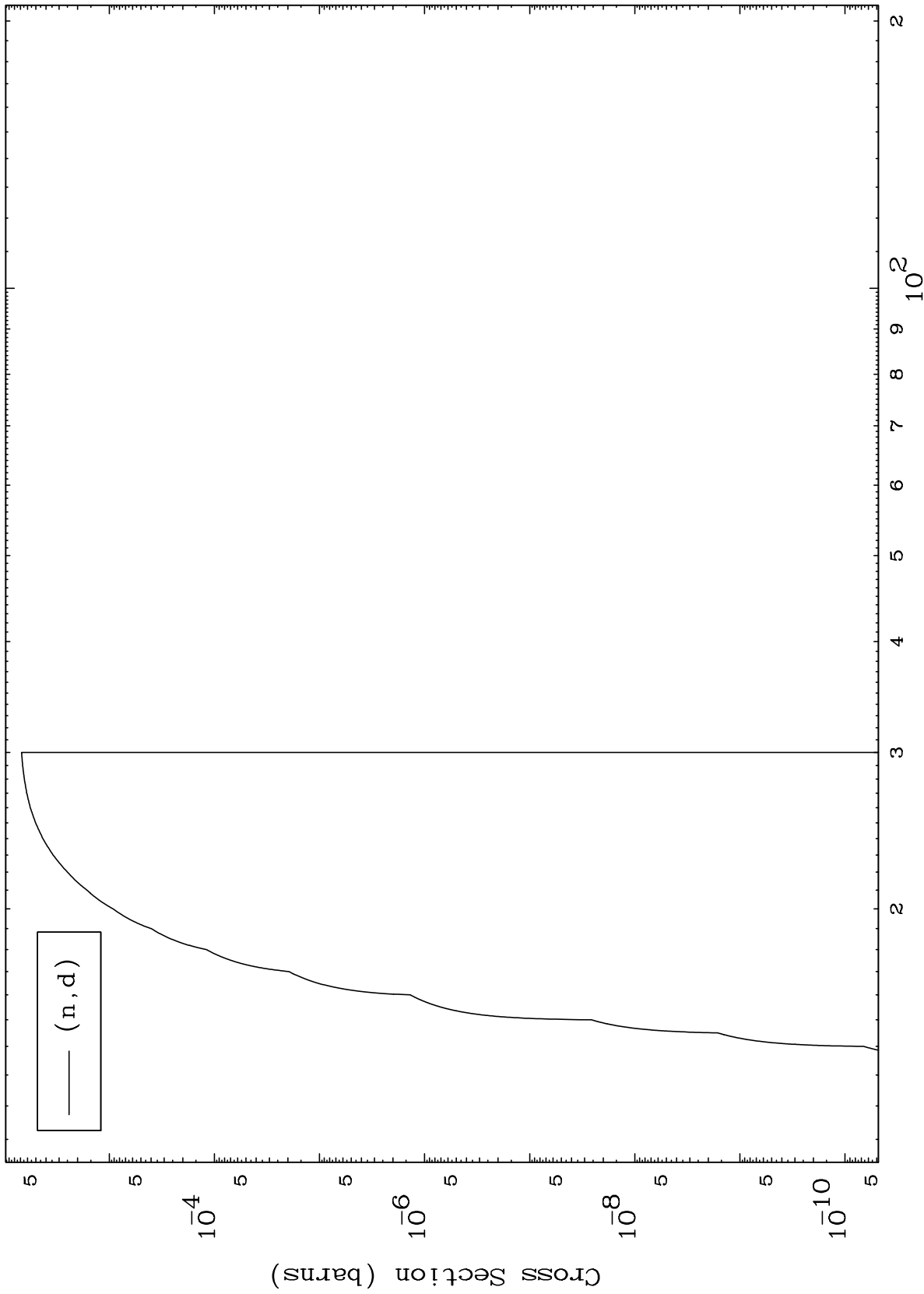
Incident Energy (MeV)

50-Sn-127

MAT 5071

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-127



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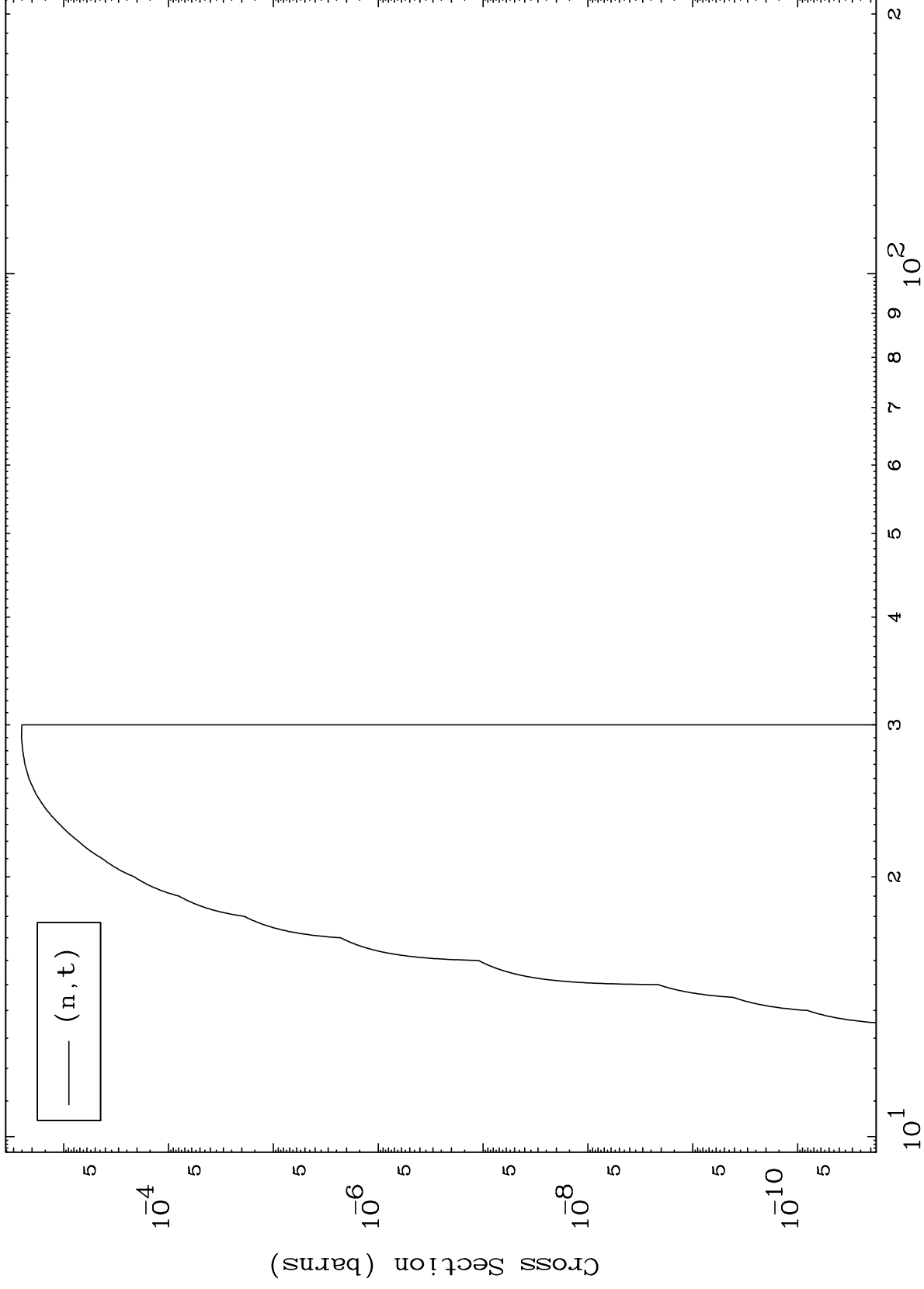
Incident Energy (MeV)

50-Sn-127

MAT 5071

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-127



Incident Energy (MeV)

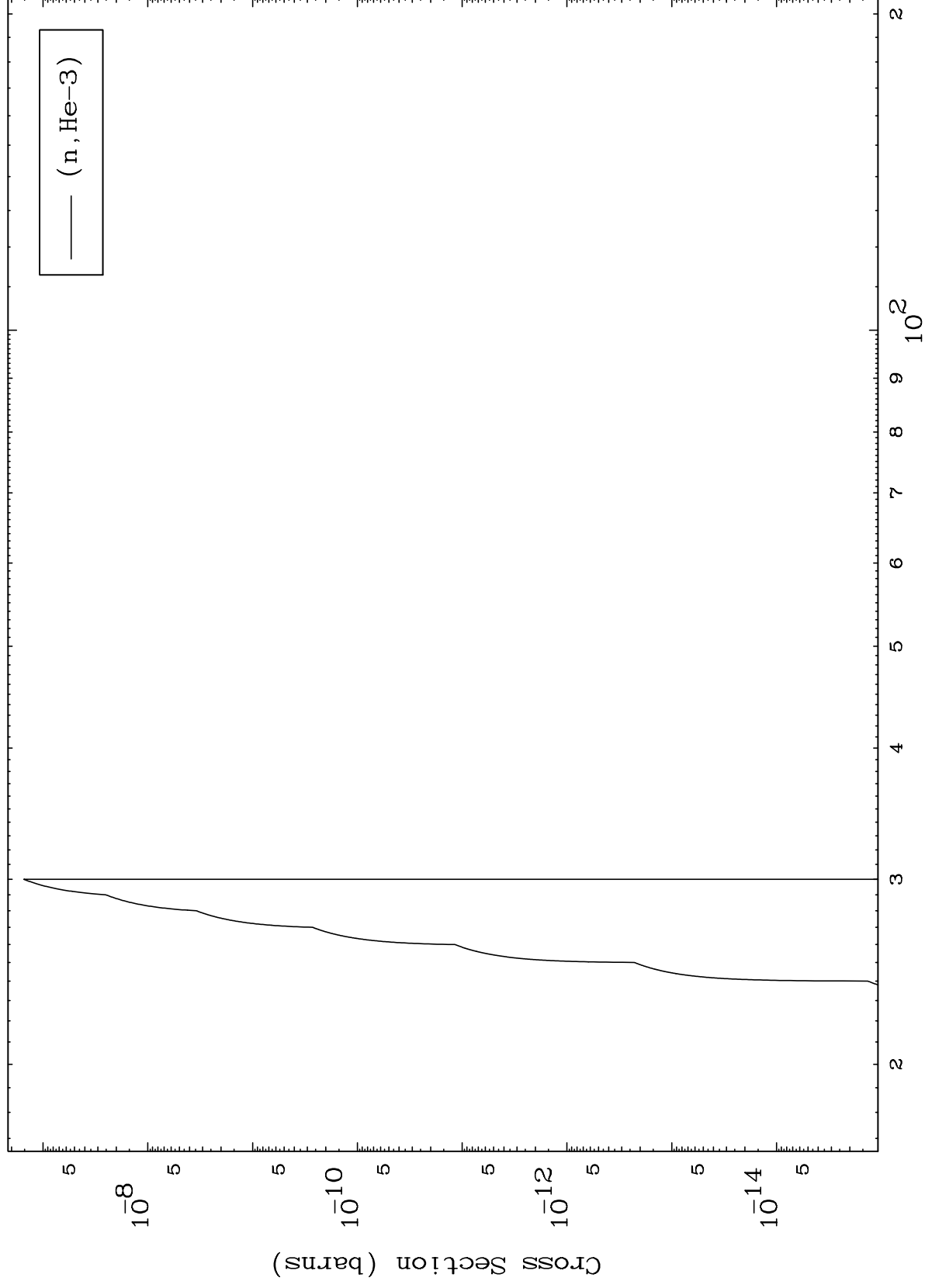
50-Sn-127

11

MAT 5071

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-127



12

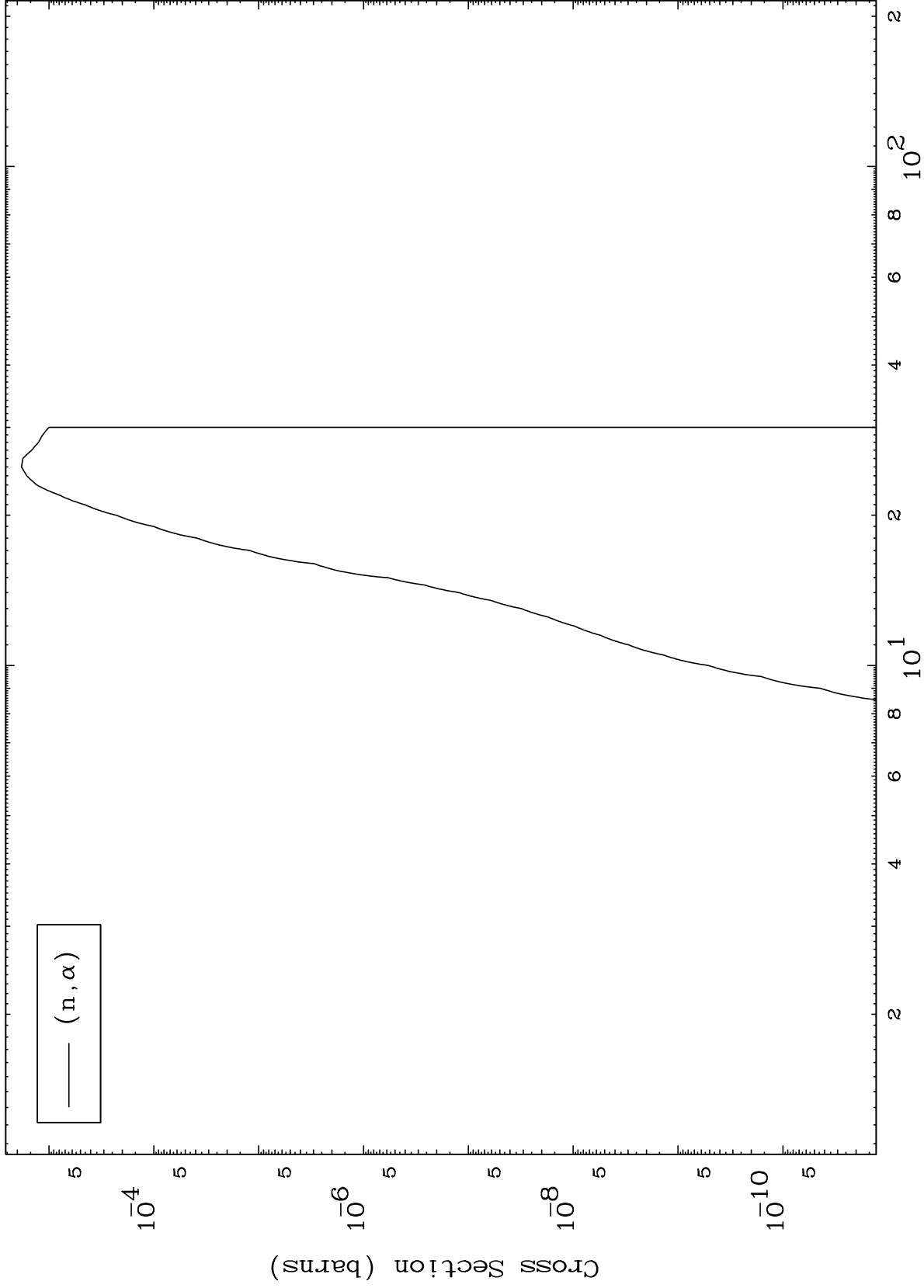
Incident Energy (MeV)

50-Sn-127

MAT 5071

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

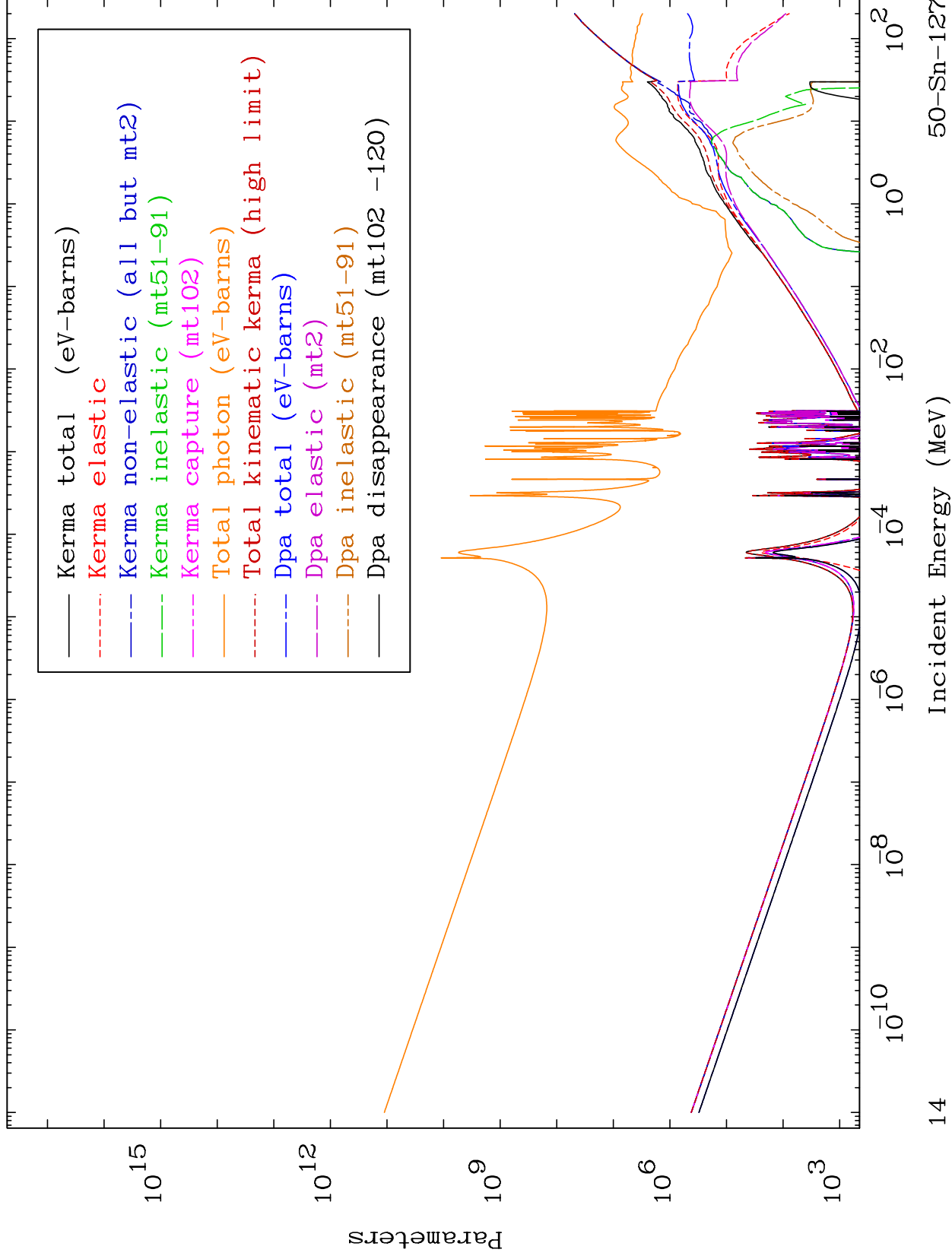
50-Sn-127

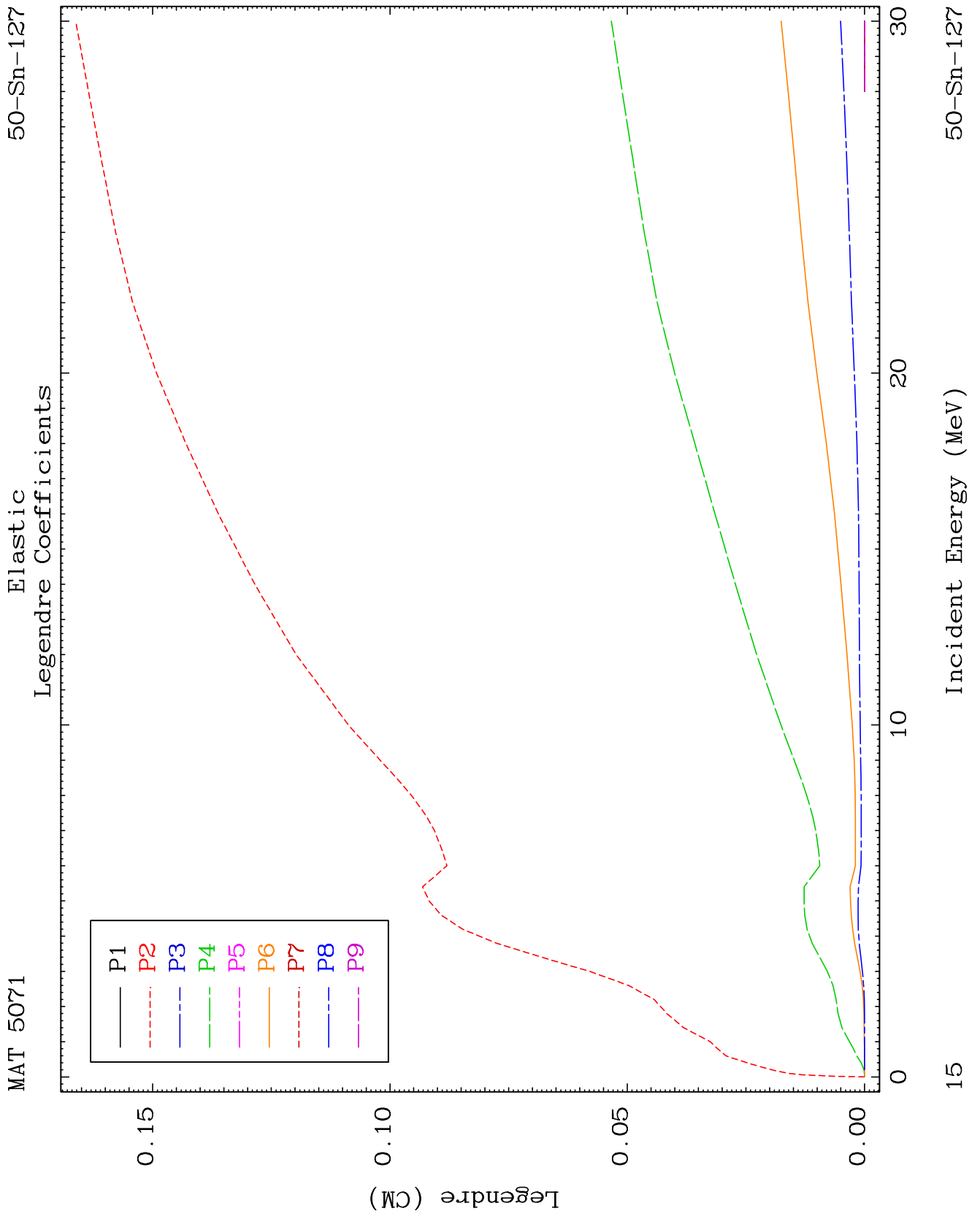


13

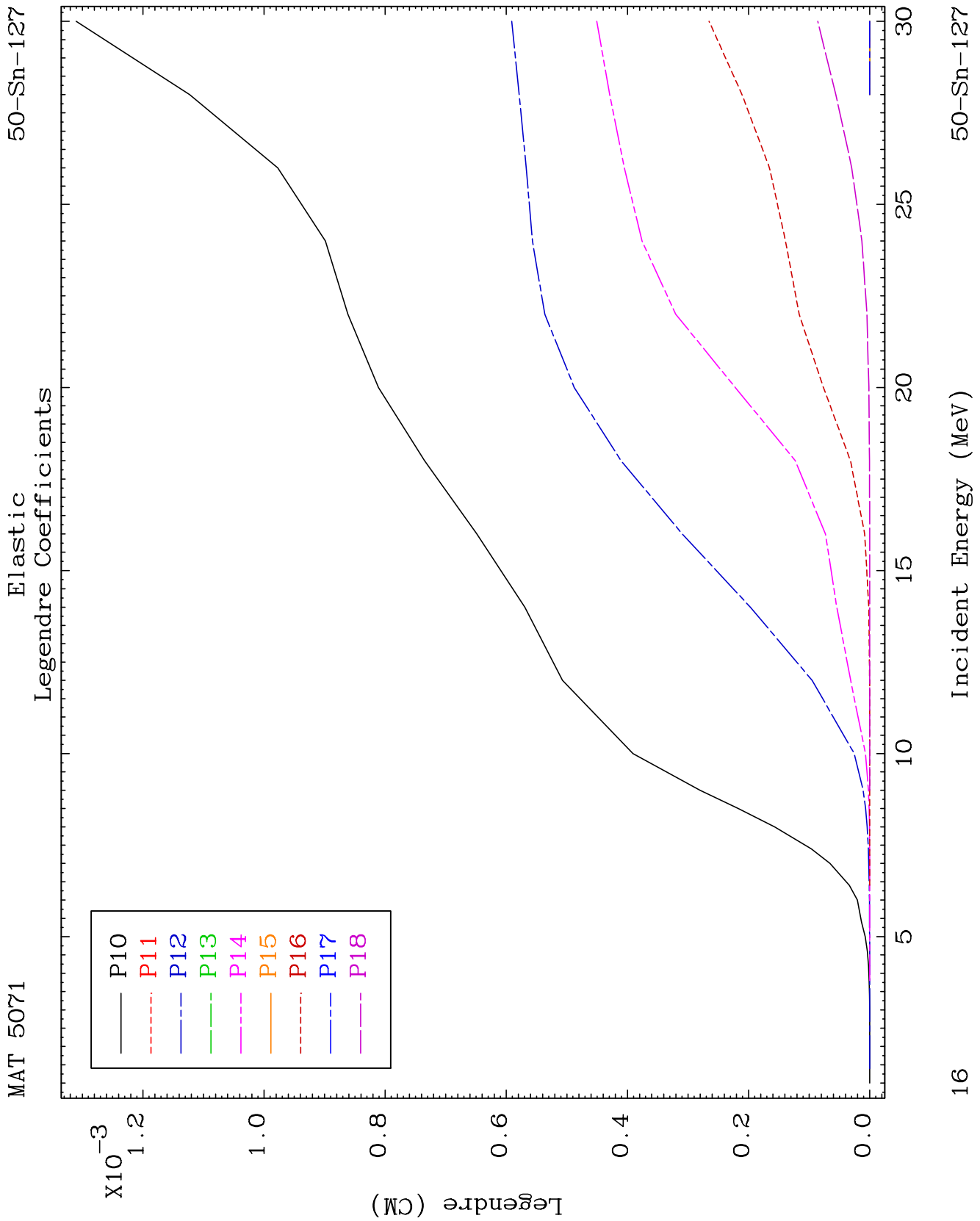
Incident Energy (MeV)

50-Sn-127





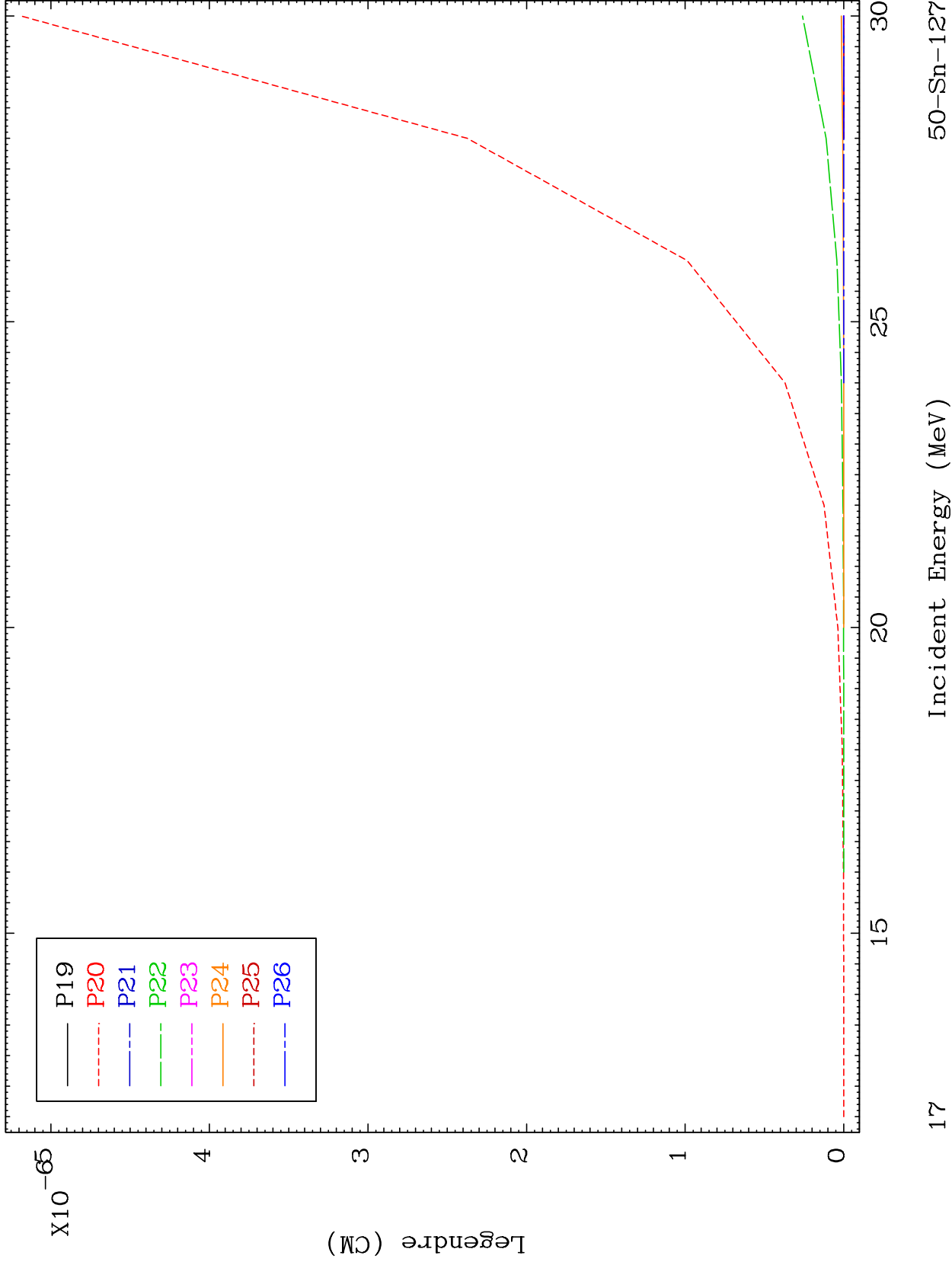




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Elastic  
Legendre Coefficients

50-Sn-127



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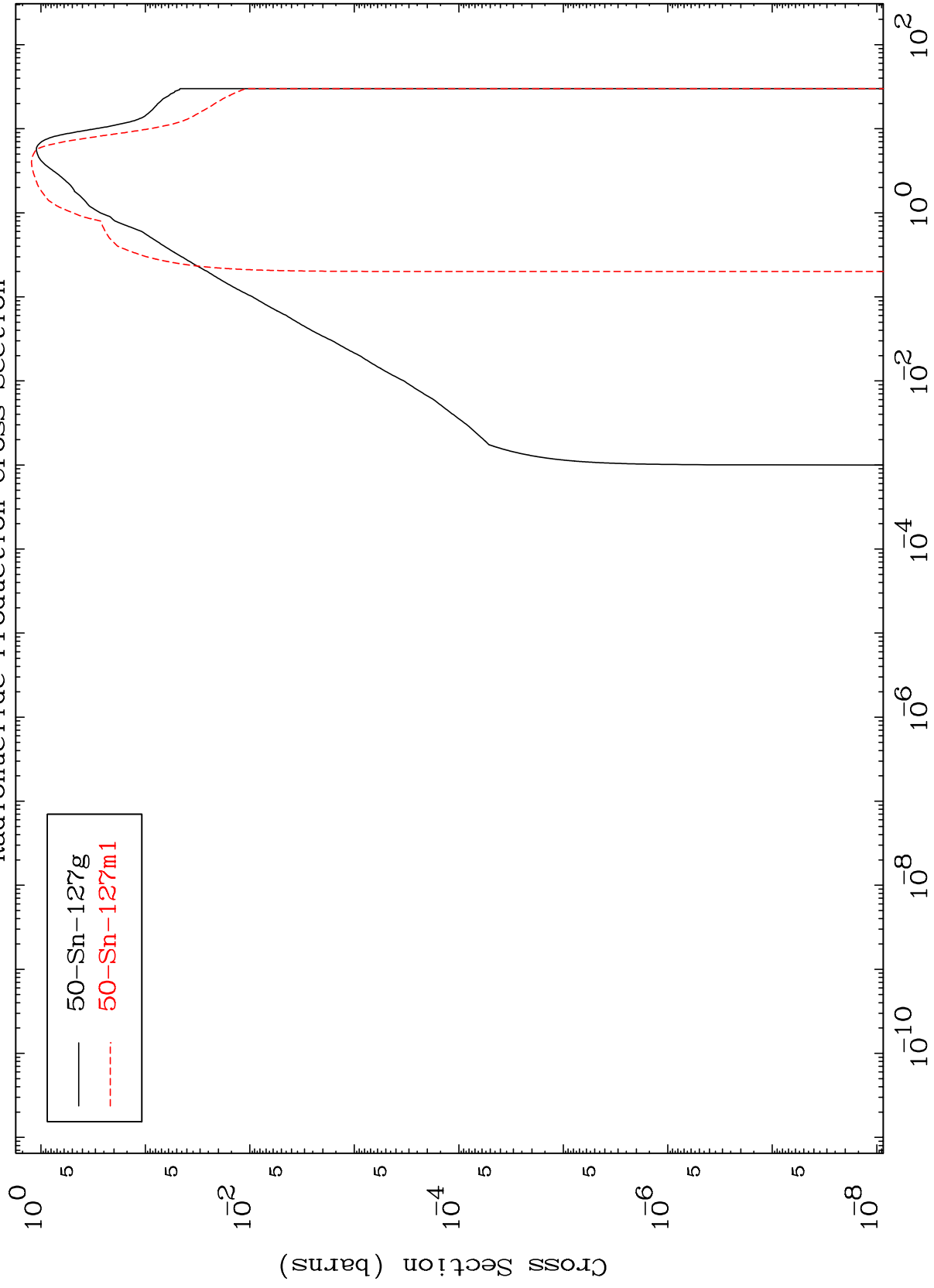
Incident Energy (MeV)

50-Sn-127

MAT 5071

50-Sn-127

Inelastic  
Radionuclide Production Cross Section



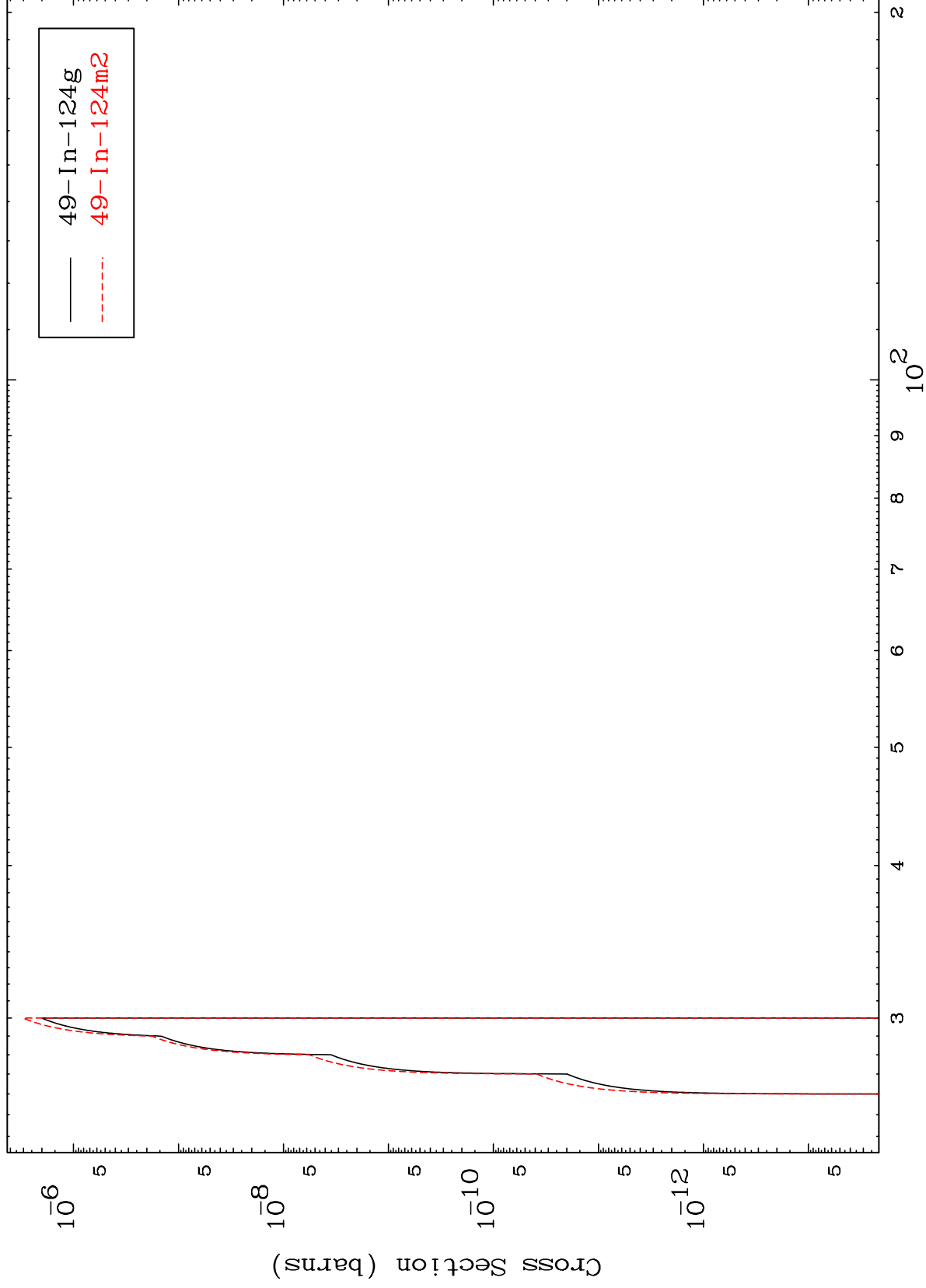
50-Sn-127g  
50-Sn-127m1

50-Sn-127

Incident Energy (MeV)

18

Radionuclide Production Cross Section

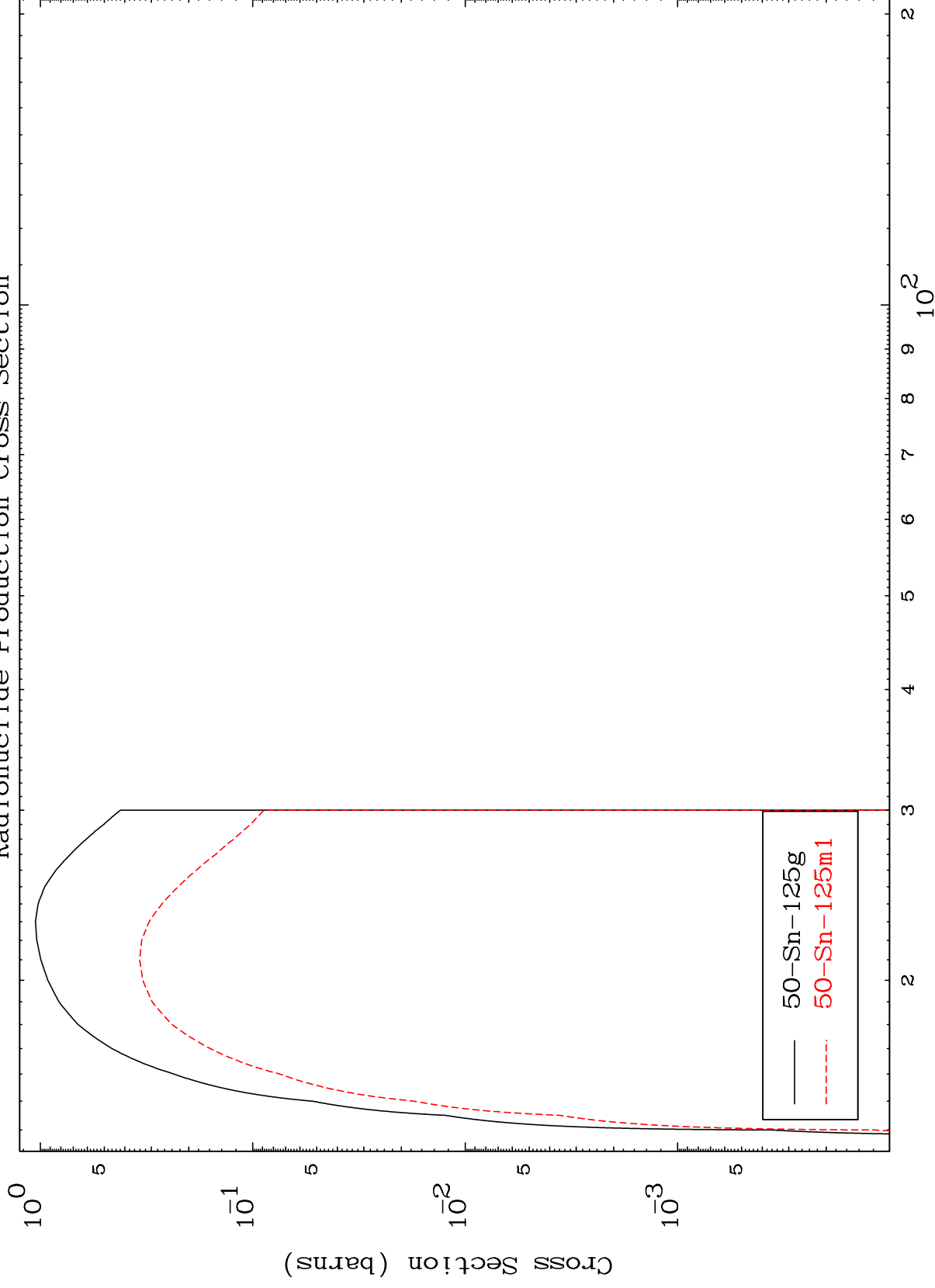


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50-Sn-127

Radionuclide Production Cross Section

(n,3n)



20

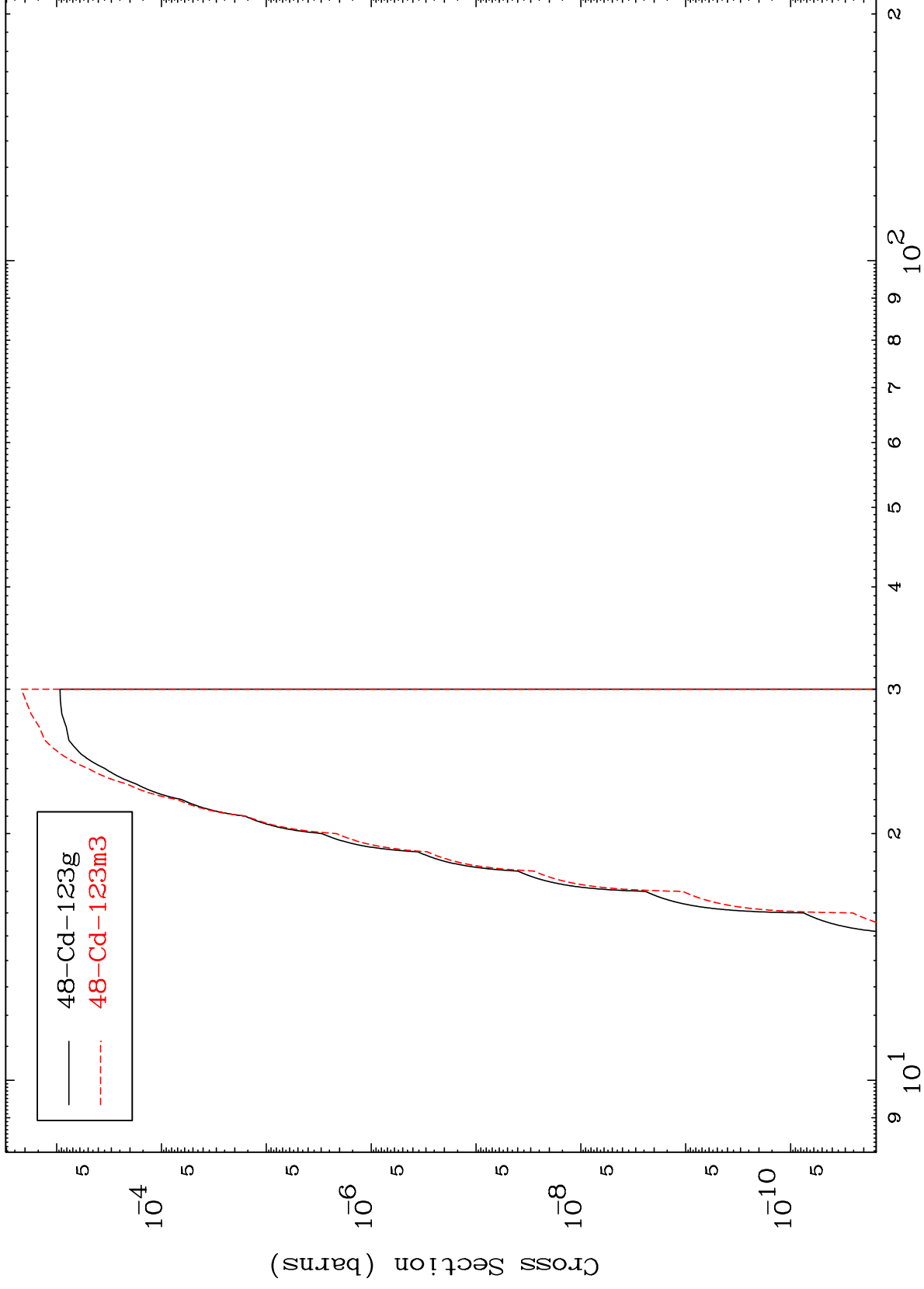
Incident Energy (MeV)

50-Sn-127

MAT 5071

50-Sn-127

(n,n')  $\alpha$   
Radionuclide Production Cross Section

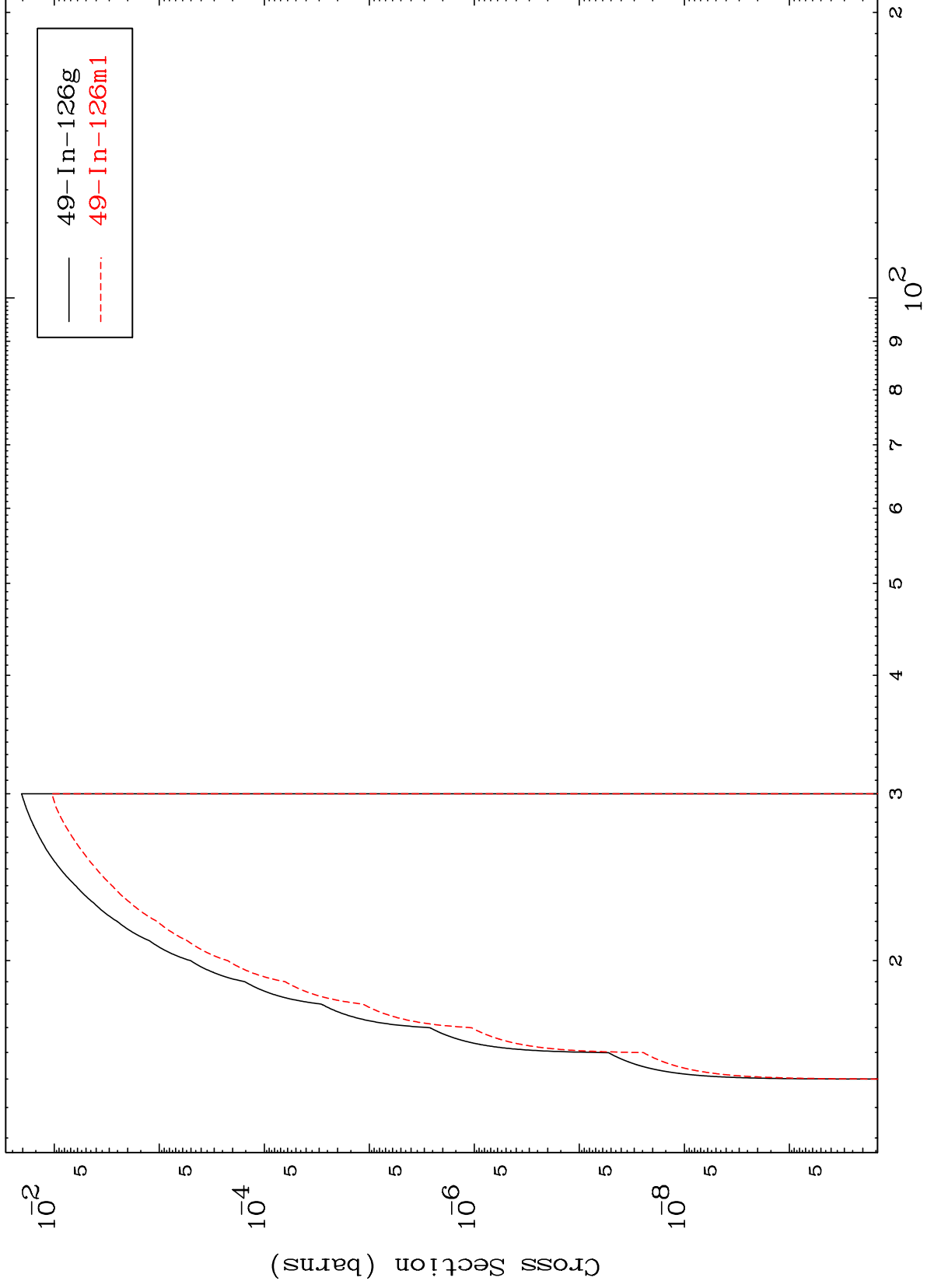


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Incident Energy (MeV)

50-Sn-127

Radionuclide Production Cross Section

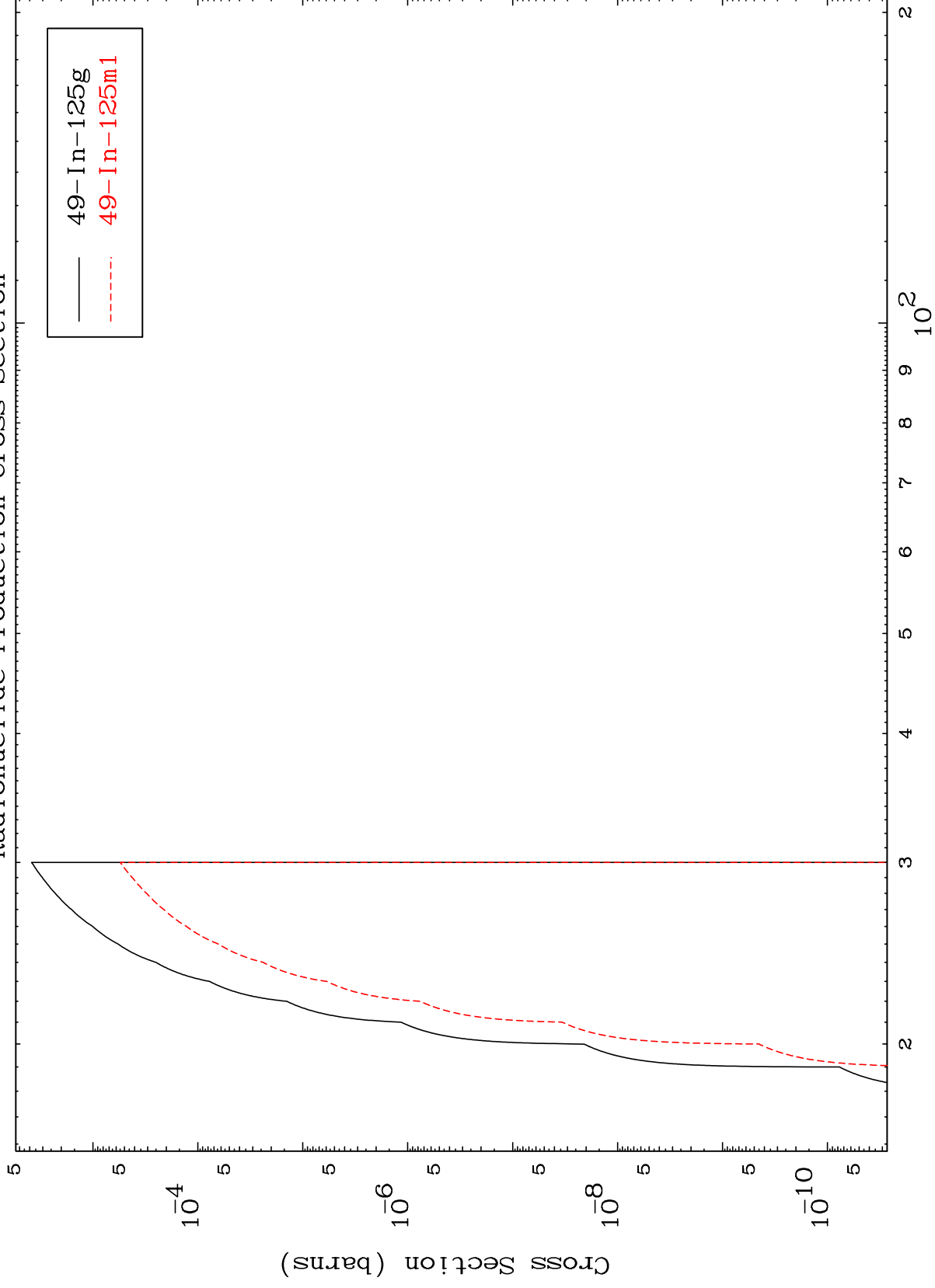


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(n,n') d

50-Sn-127

Radionuclide Production Cross Section



23

Incident Energy (MeV)

50-Sn-127

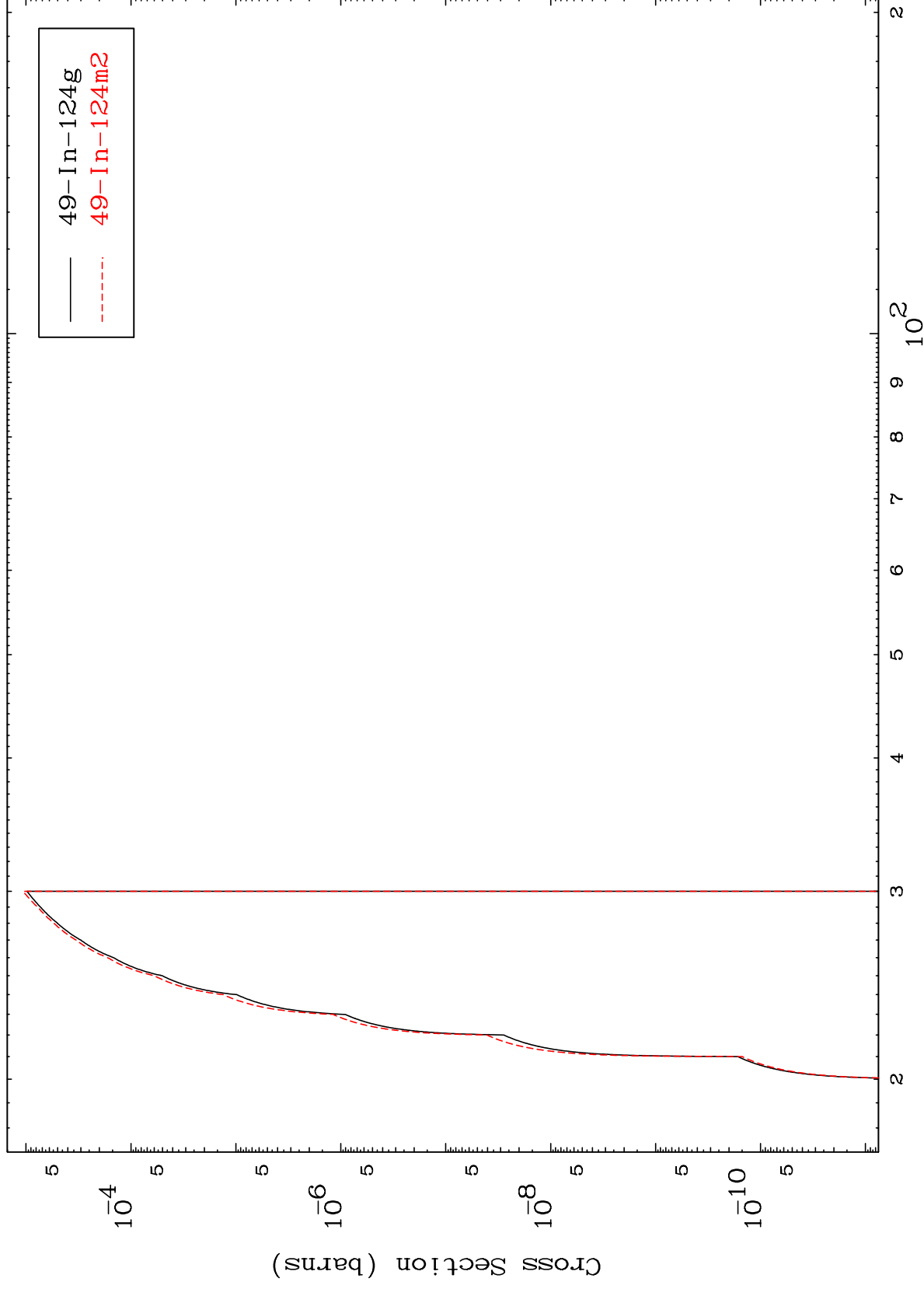


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(n,n') t

50-Sn-127

Radionuclide Production Cross Section



24

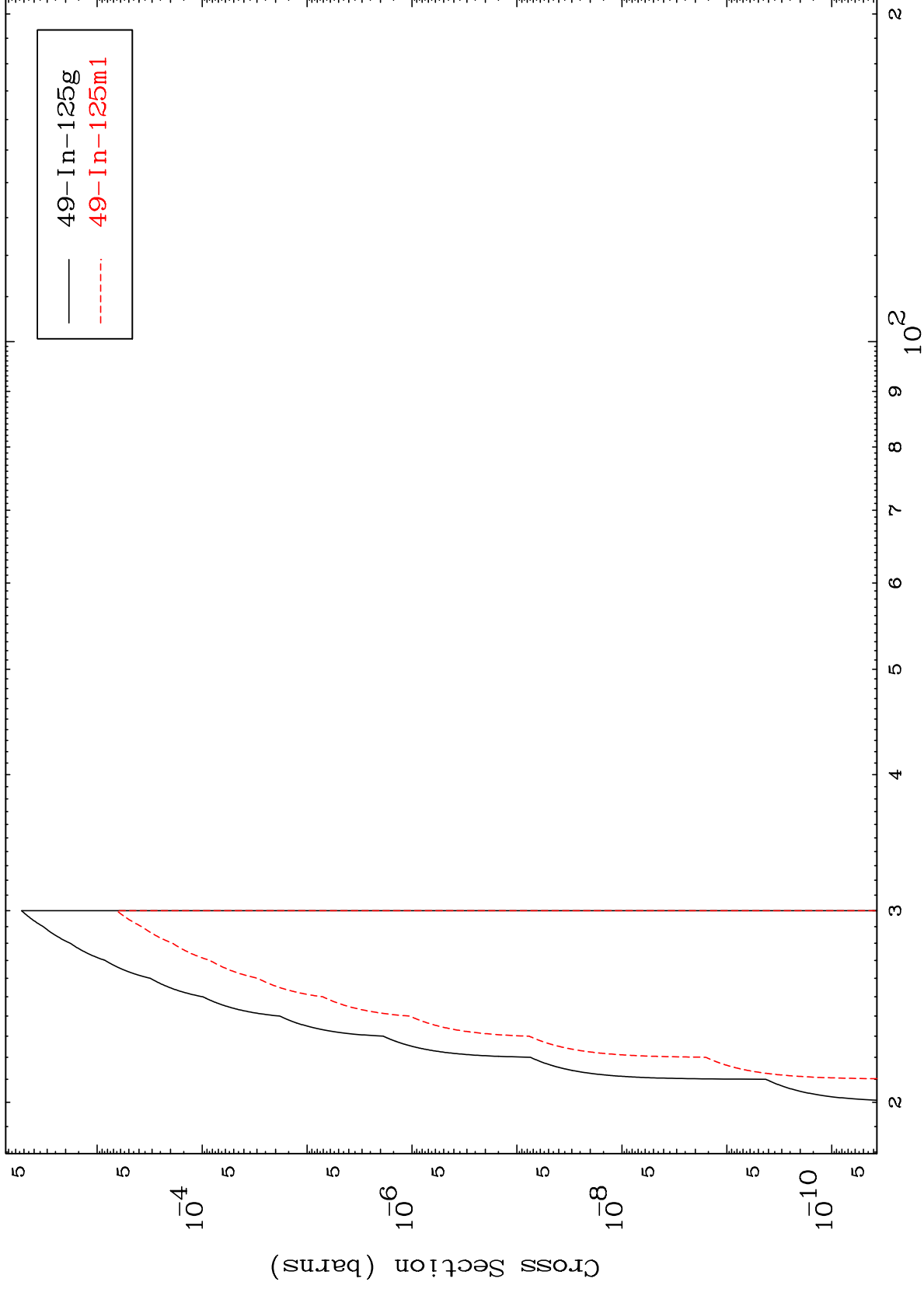
Incident Energy (MeV)

50-Sn-127

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50-Sn-127

(n,2n) p  
Radionuclide Production Cross Section



50-Sn-127

Incident Energy (MeV)

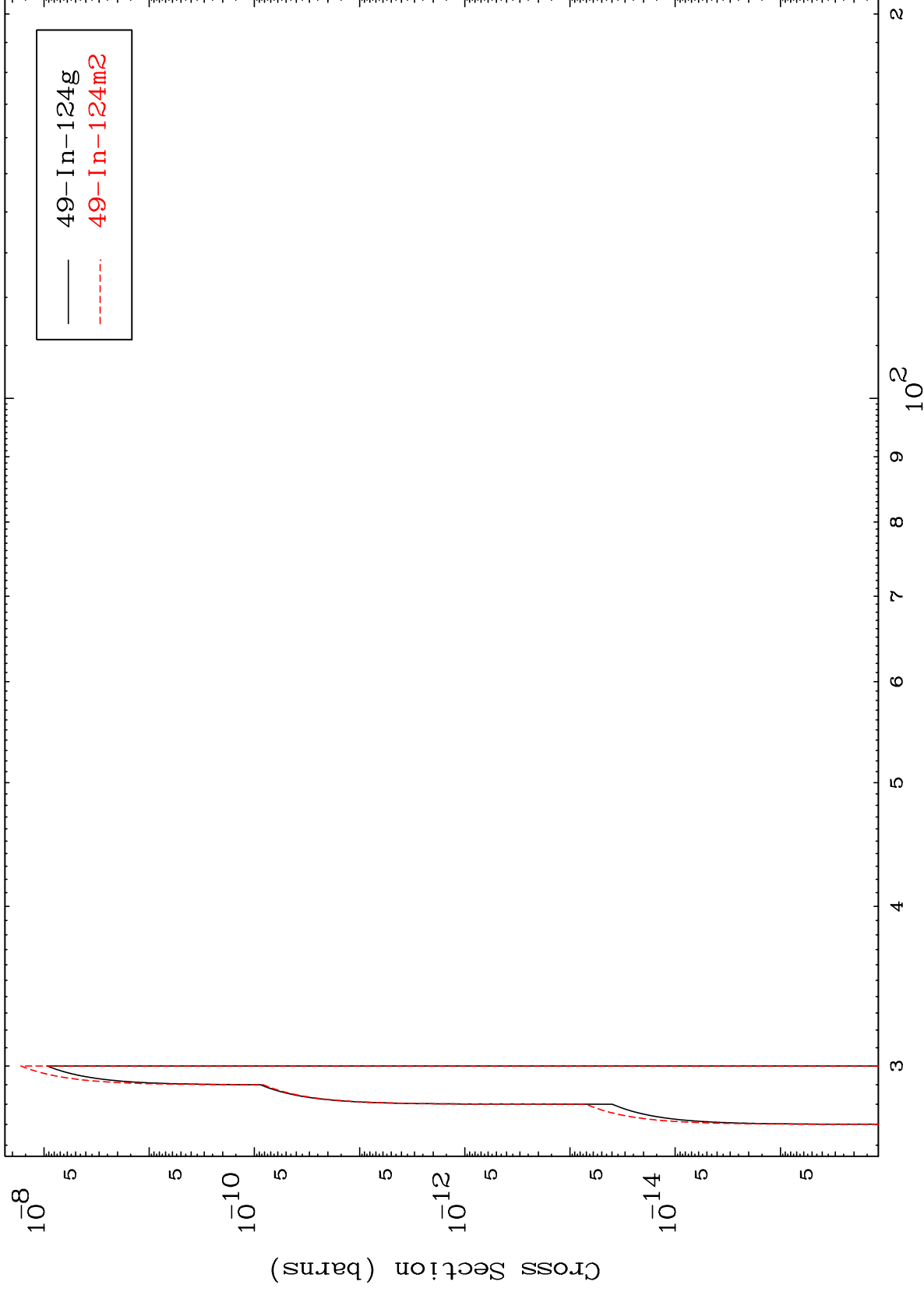
25

MAT 5071

(n,3n) p

50-Sn-127

Radionuclide Production Cross Section



26

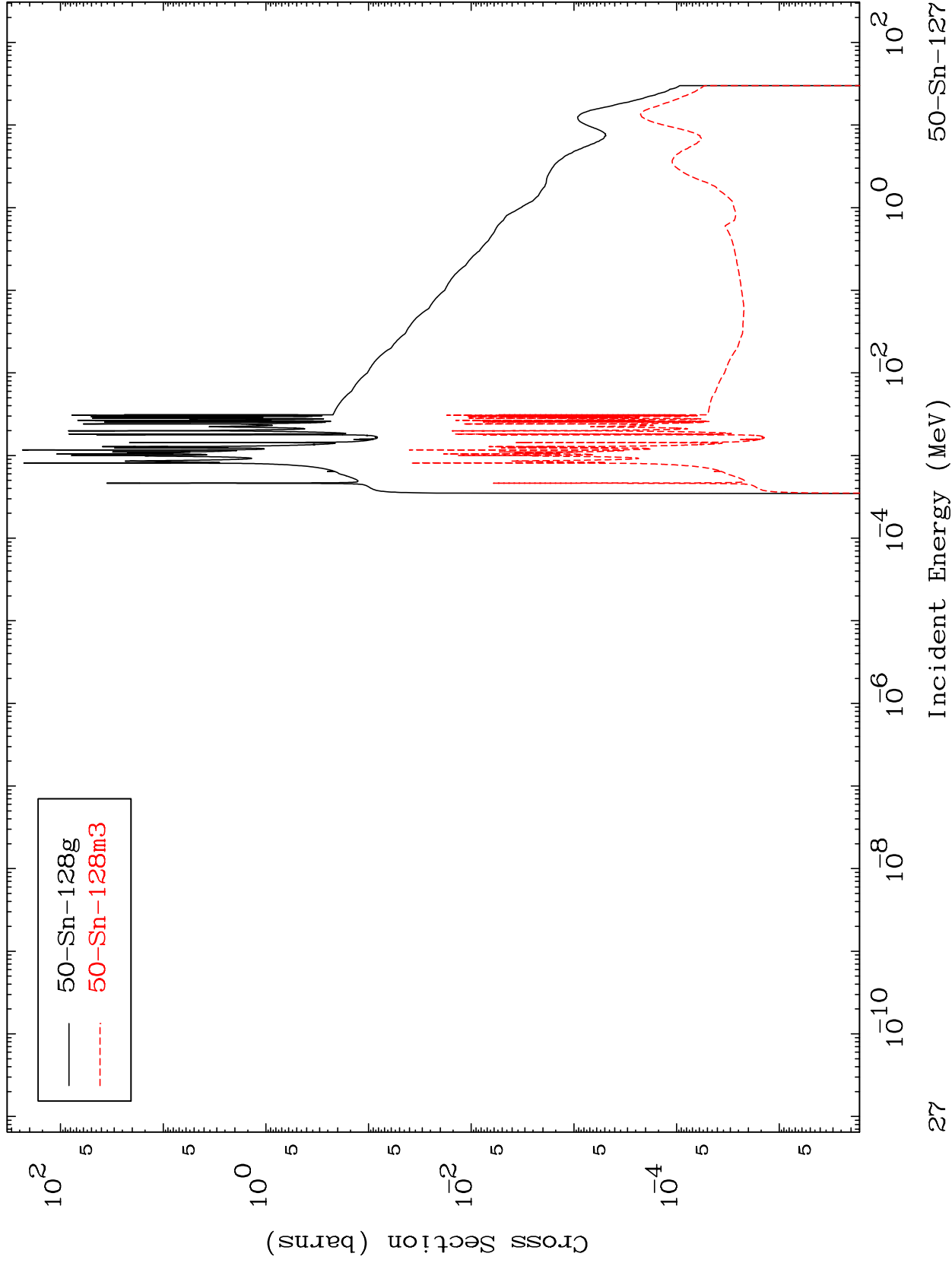
Incident Energy (MeV)

50-Sn-127

MAT 5071

50-Sn-127

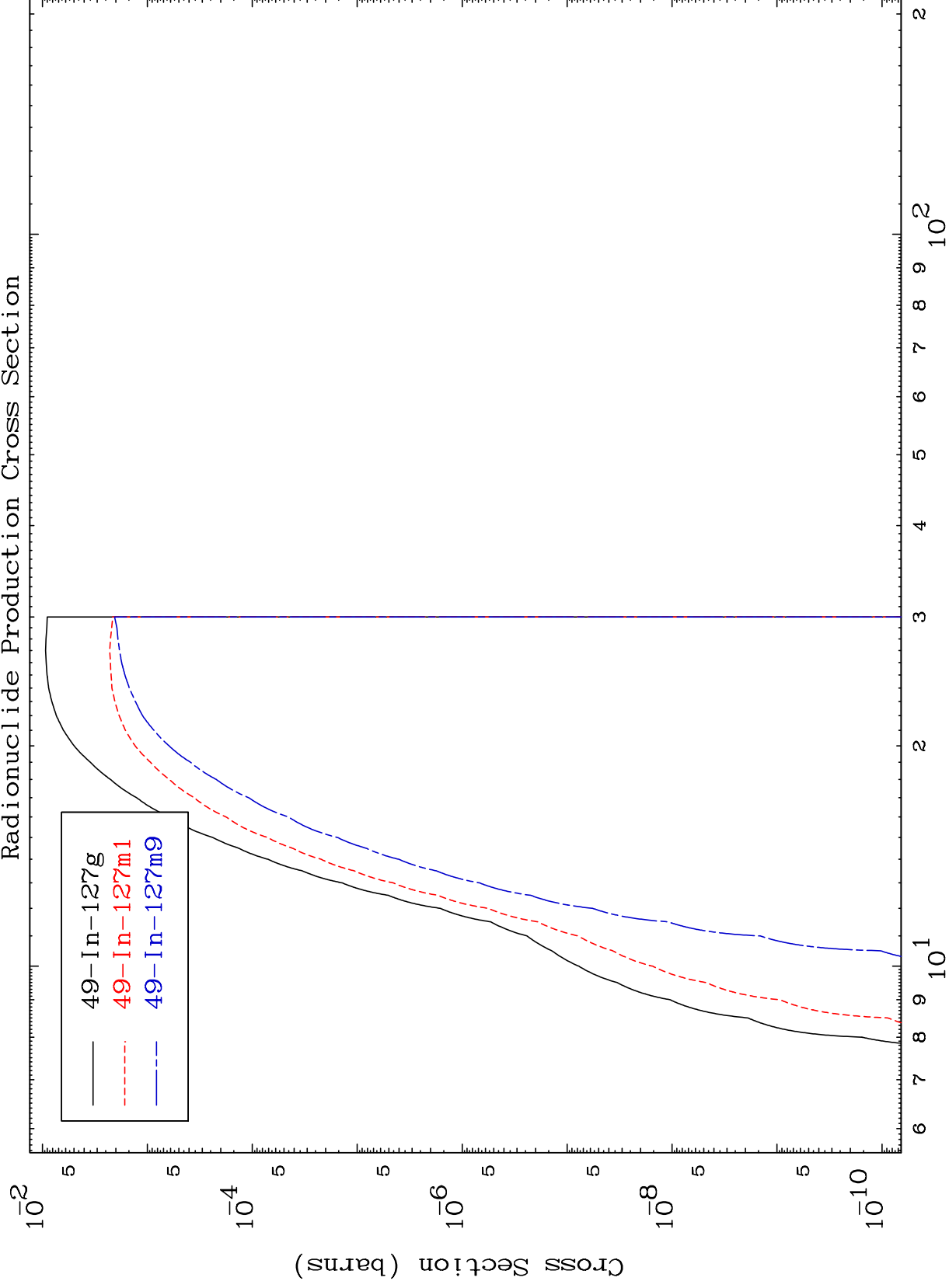
(n,γ)  
Radionuclide Production Cross Section



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50-Sn-127

Radionuclide Production Cross Section  
(n,p)



28

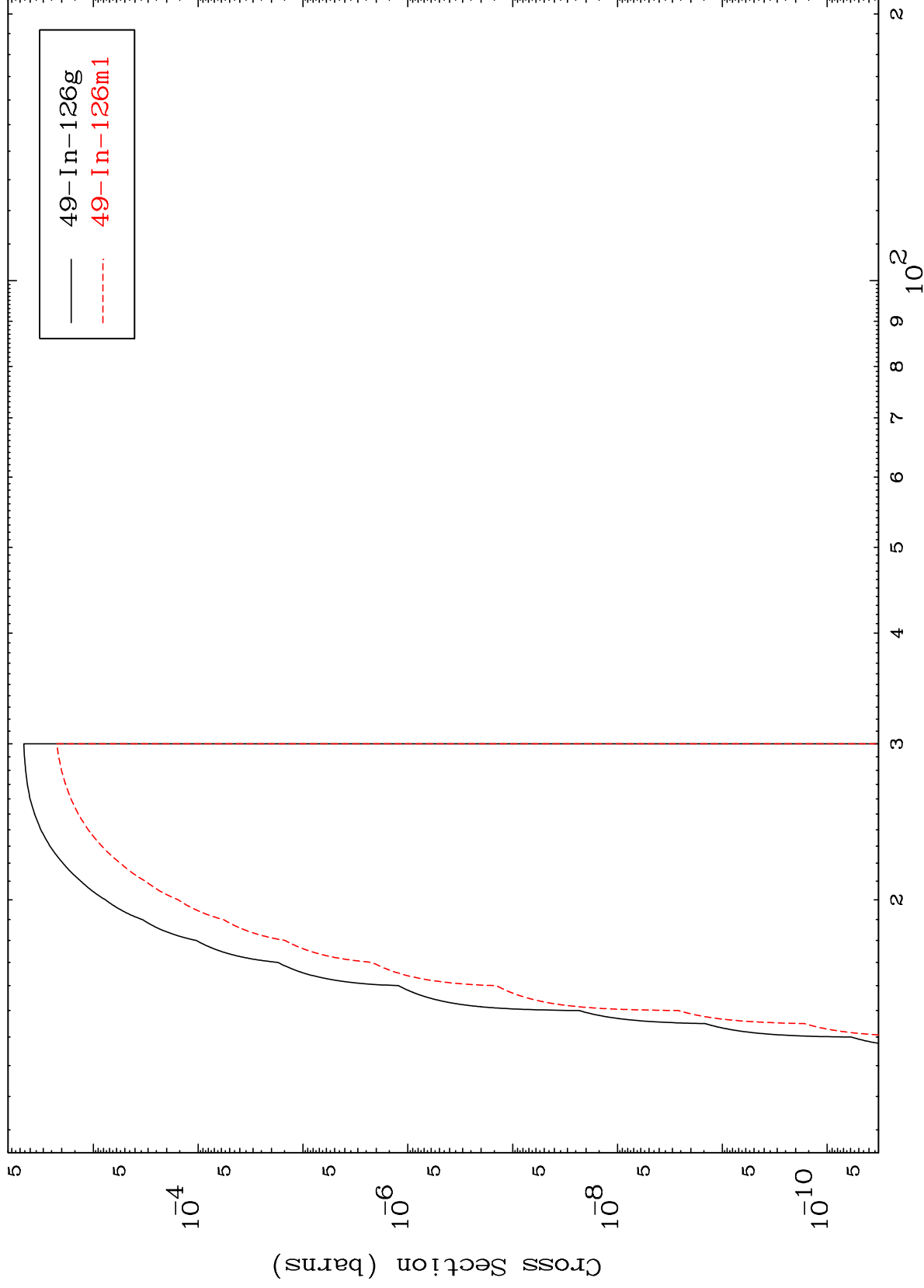
Incident Energy (MeV)

50-Sn-127

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50-Sn-127

(n,d)  
Radionuclide Production Cross Section



29

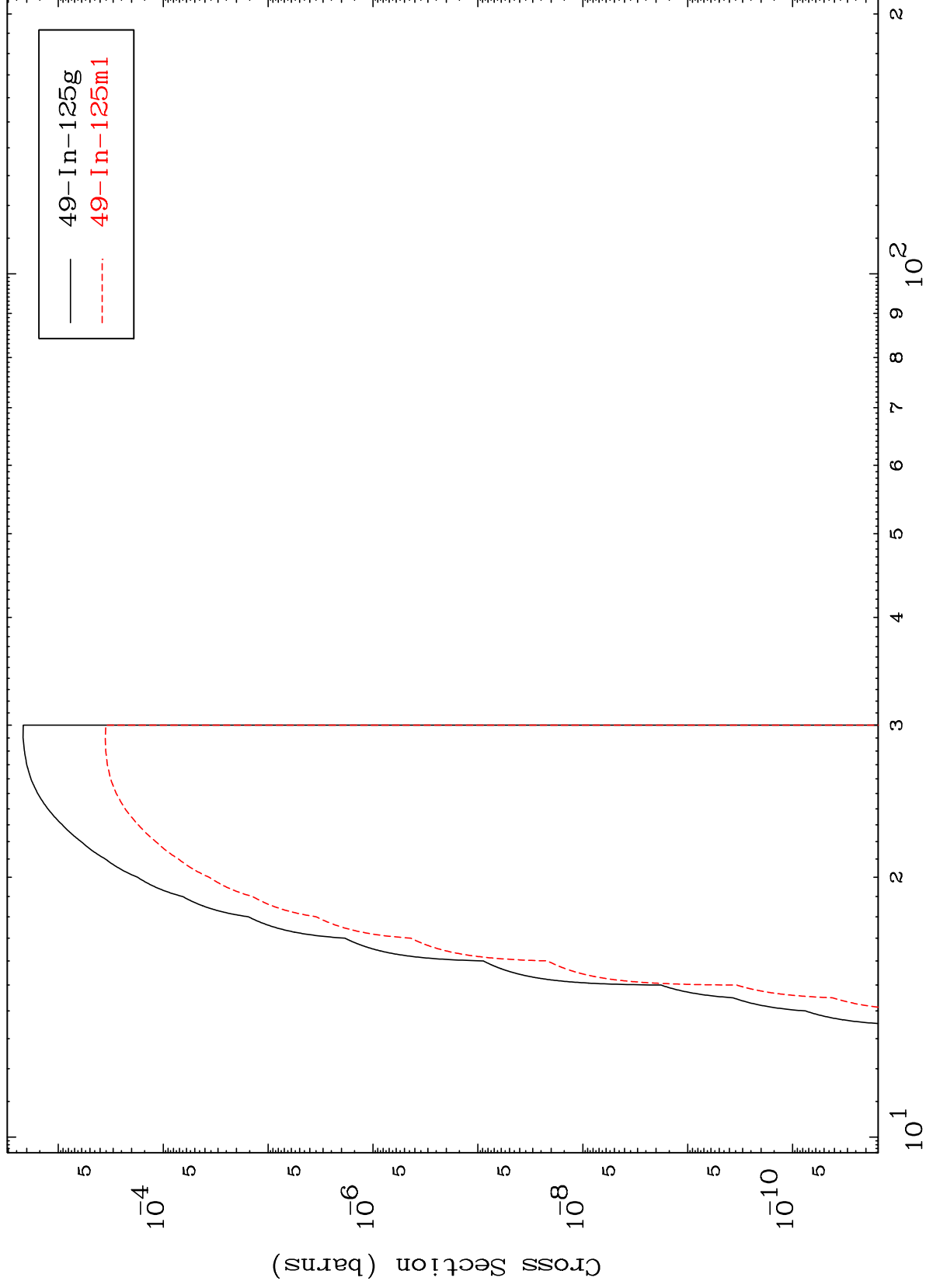
Incident Energy (MeV)

50-Sn-127

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50-Sn-127

(n,t)  
Radionuclide Production Cross Section



50-Sn-127

Incident Energy (MeV)

30