

Program EVALPLOT  
(Version 2021-1)

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

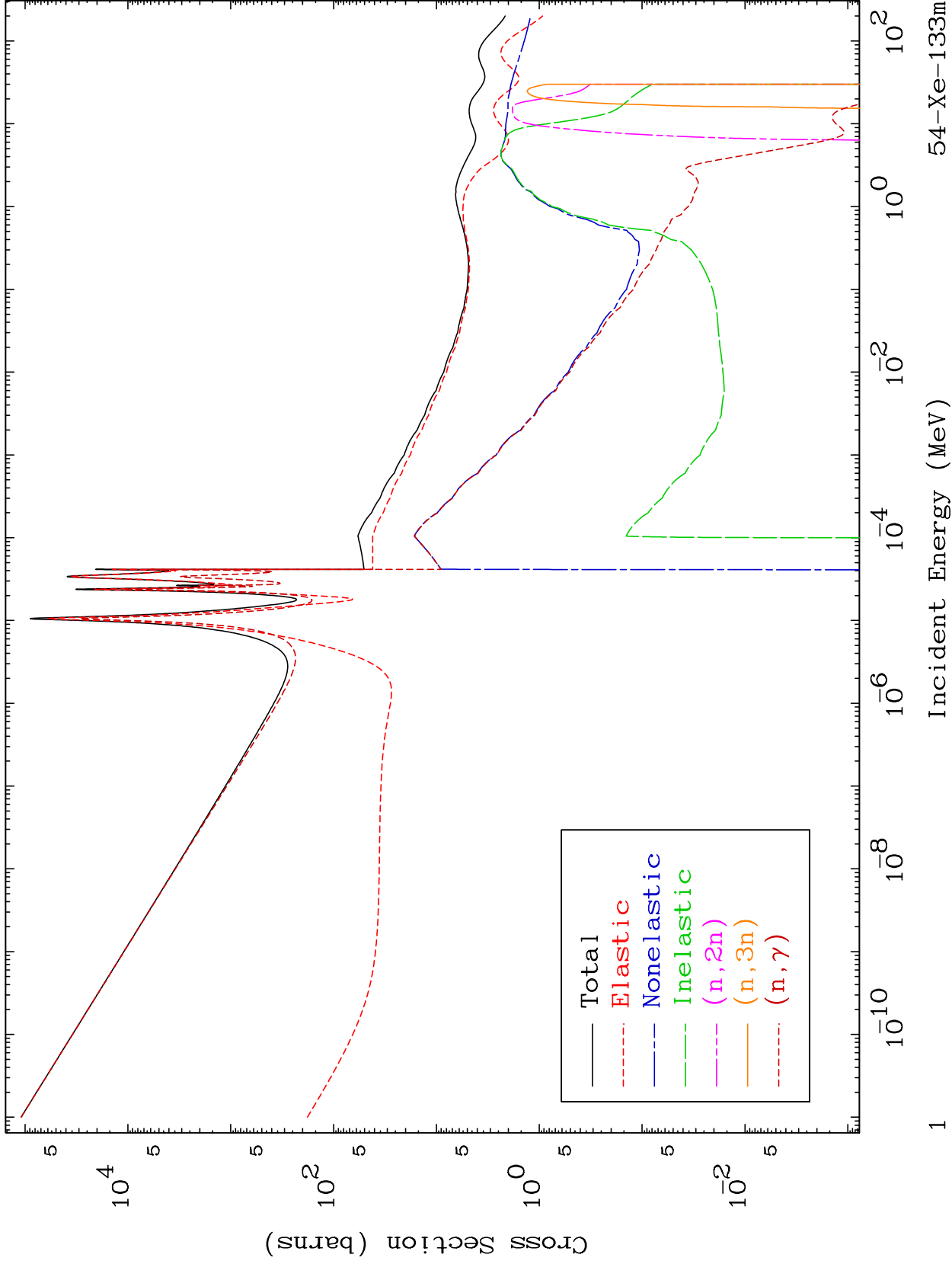
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5453

Neutron Major  
293 Kelvin Cross Sections

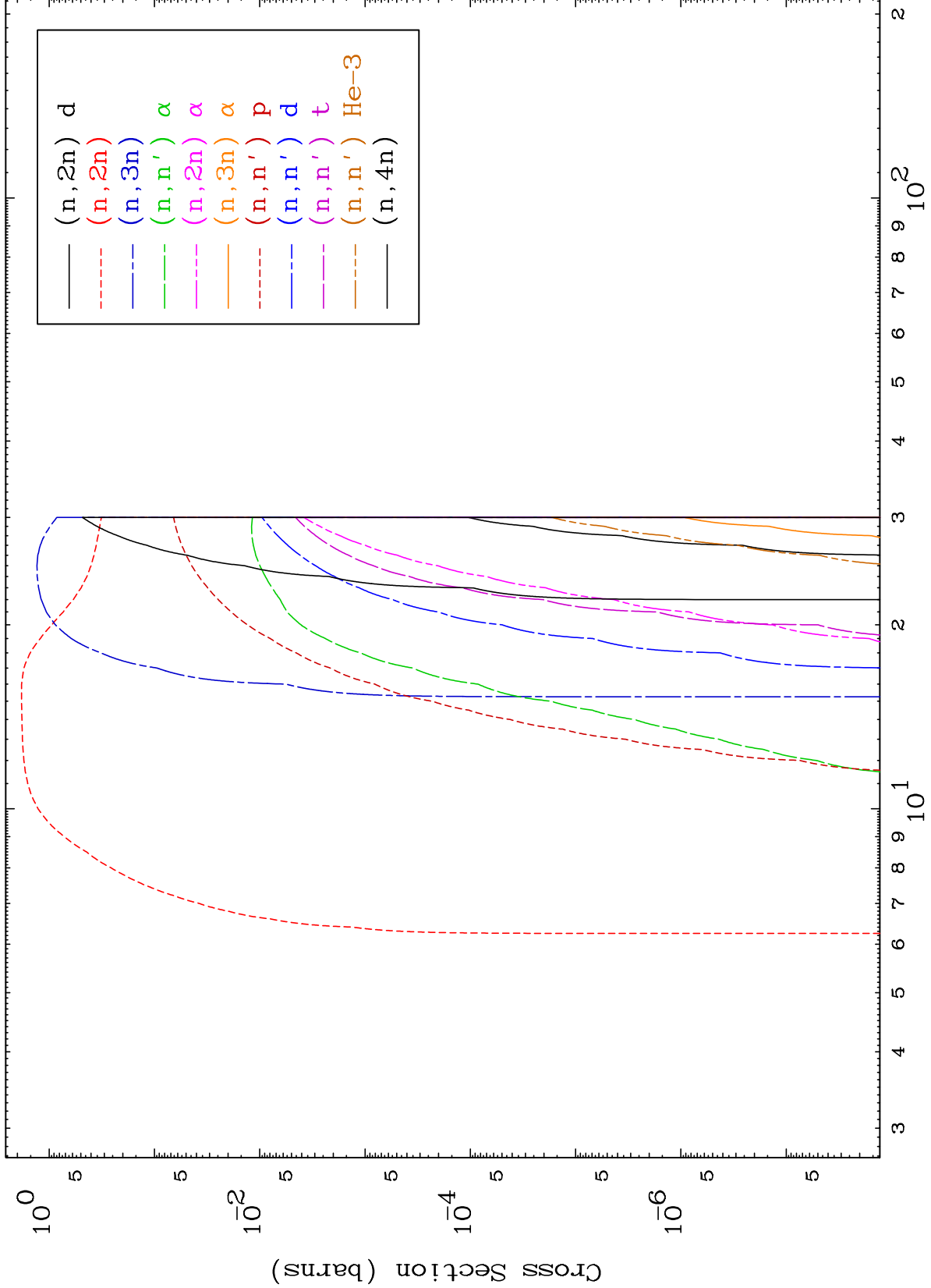
54-Xe-133m



MAT 5453

Neutron Absorption  
293 Kelvin Cross Sections

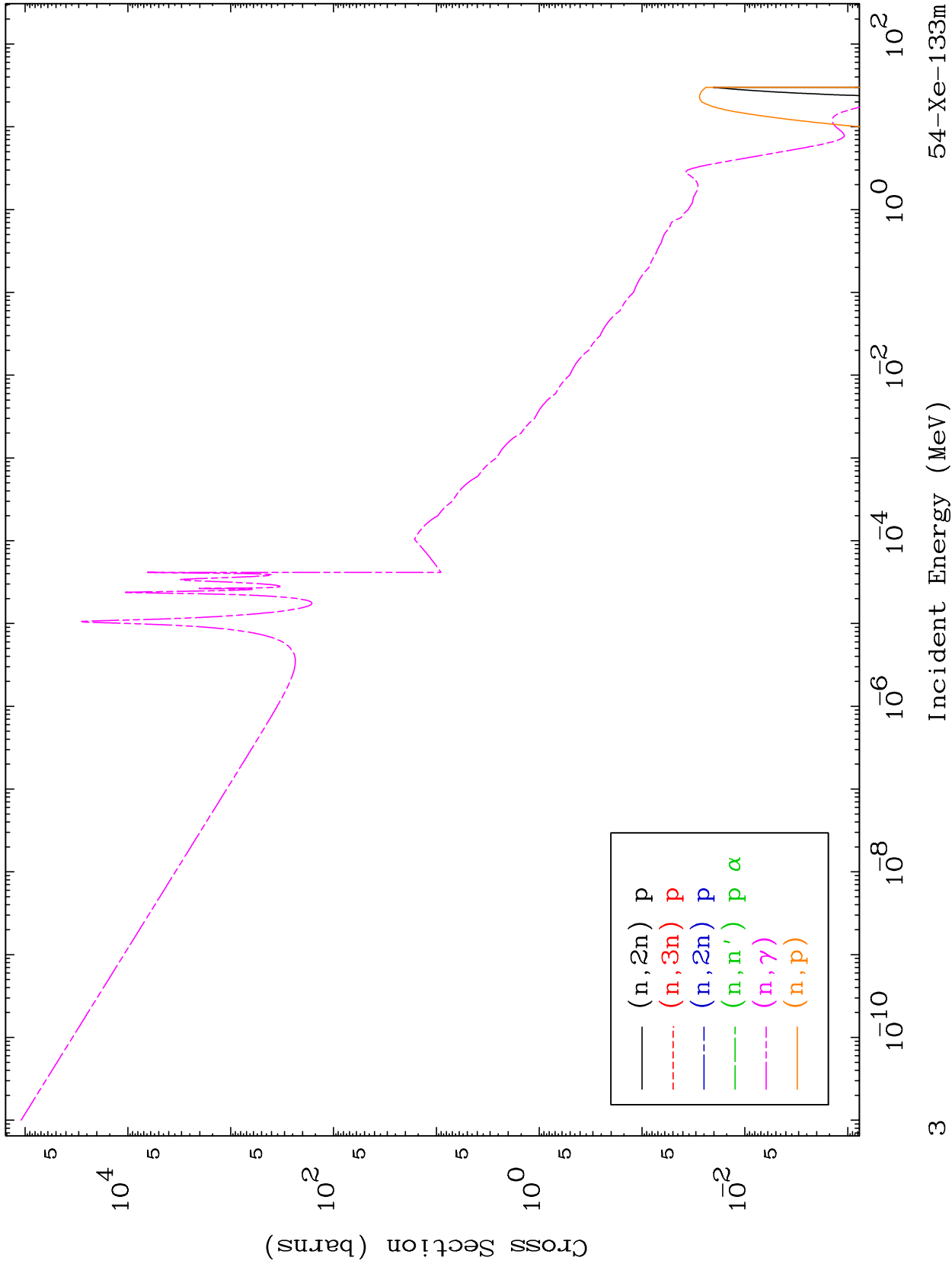
54-Xe-133m



MAT 5453

Neutron Absorption  
293 Kelvin Cross Sections

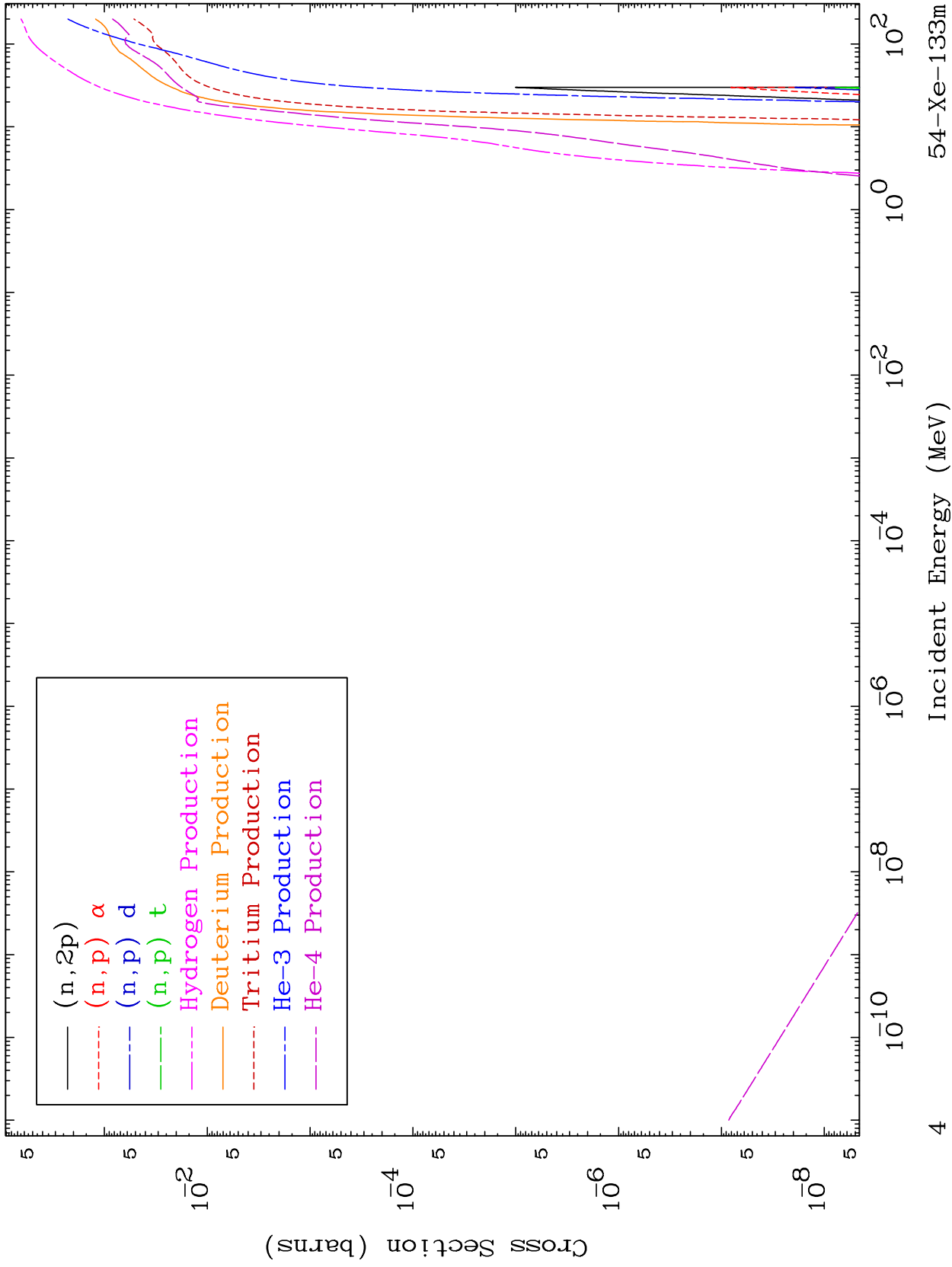
54-Xe-133m



MAT 5453

Neutron Absorption  
293 Kelvin Cross Sections

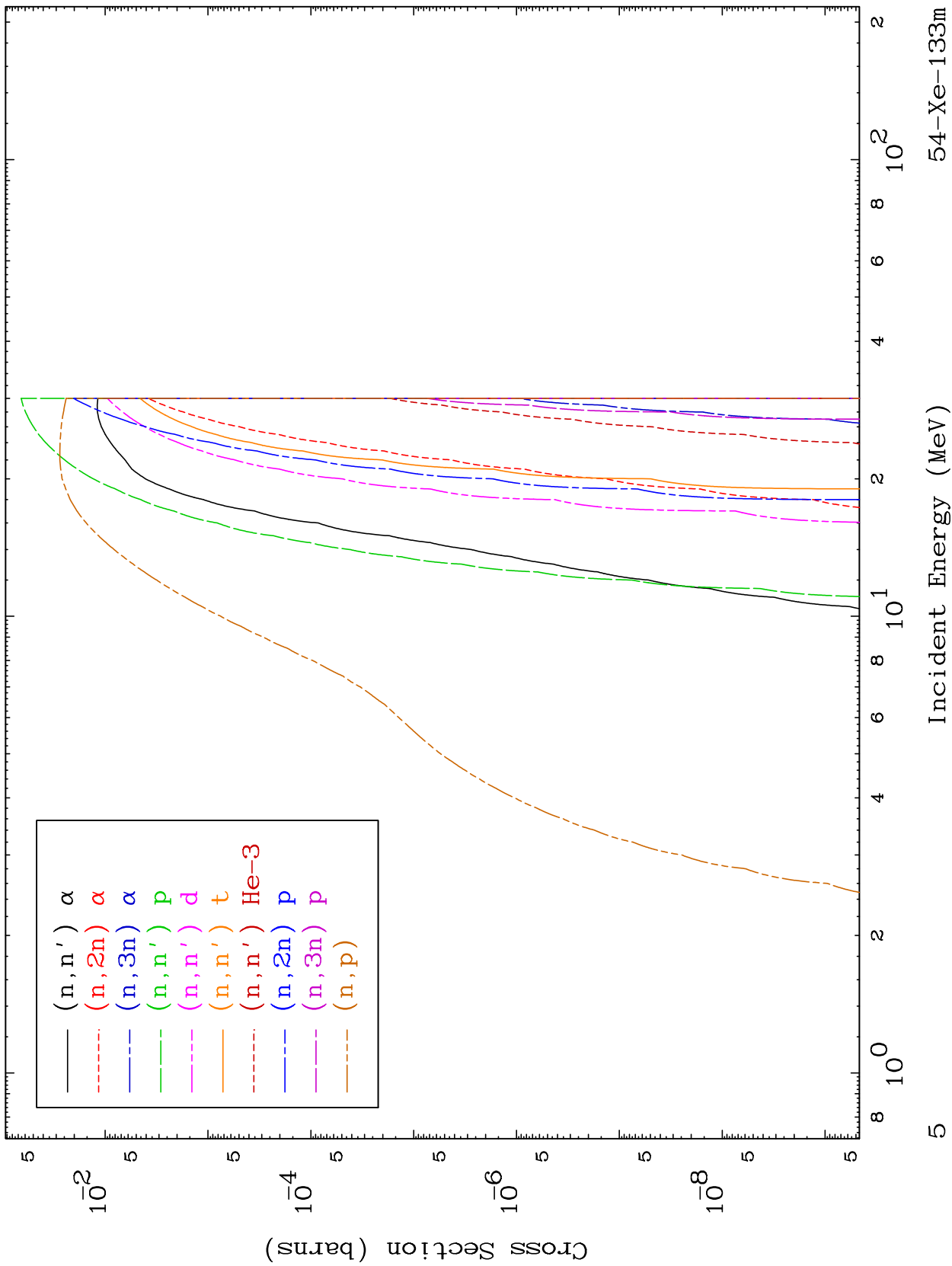
54-Xe-133m



MAT 5453

Charged Particle  
293 Kelvin Cross Sections

54-Xe-133m



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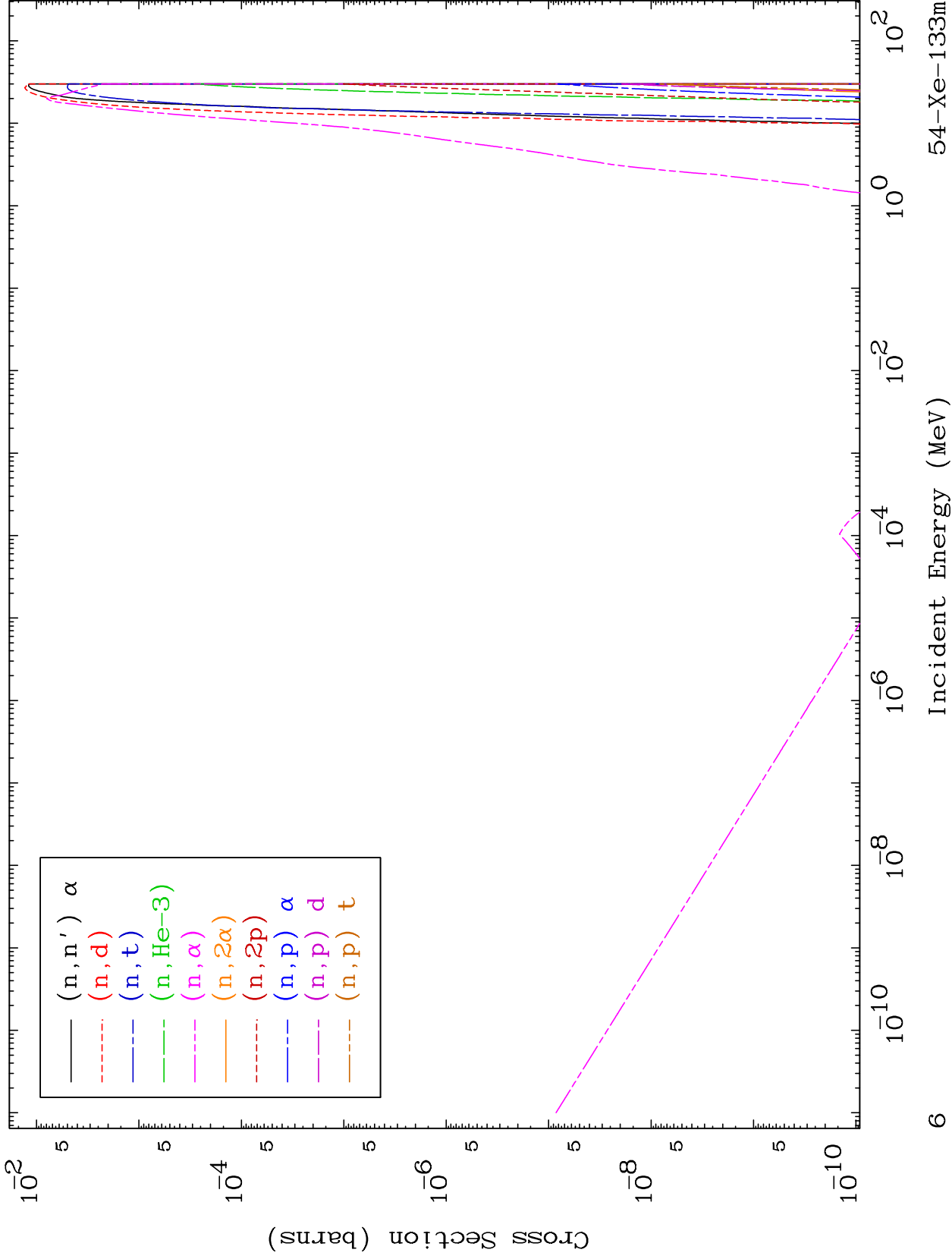
Incident Energy (MeV)

54-Xe-133m

MAT 5453

Charged Particle  
293 Kelvin Cross Sections

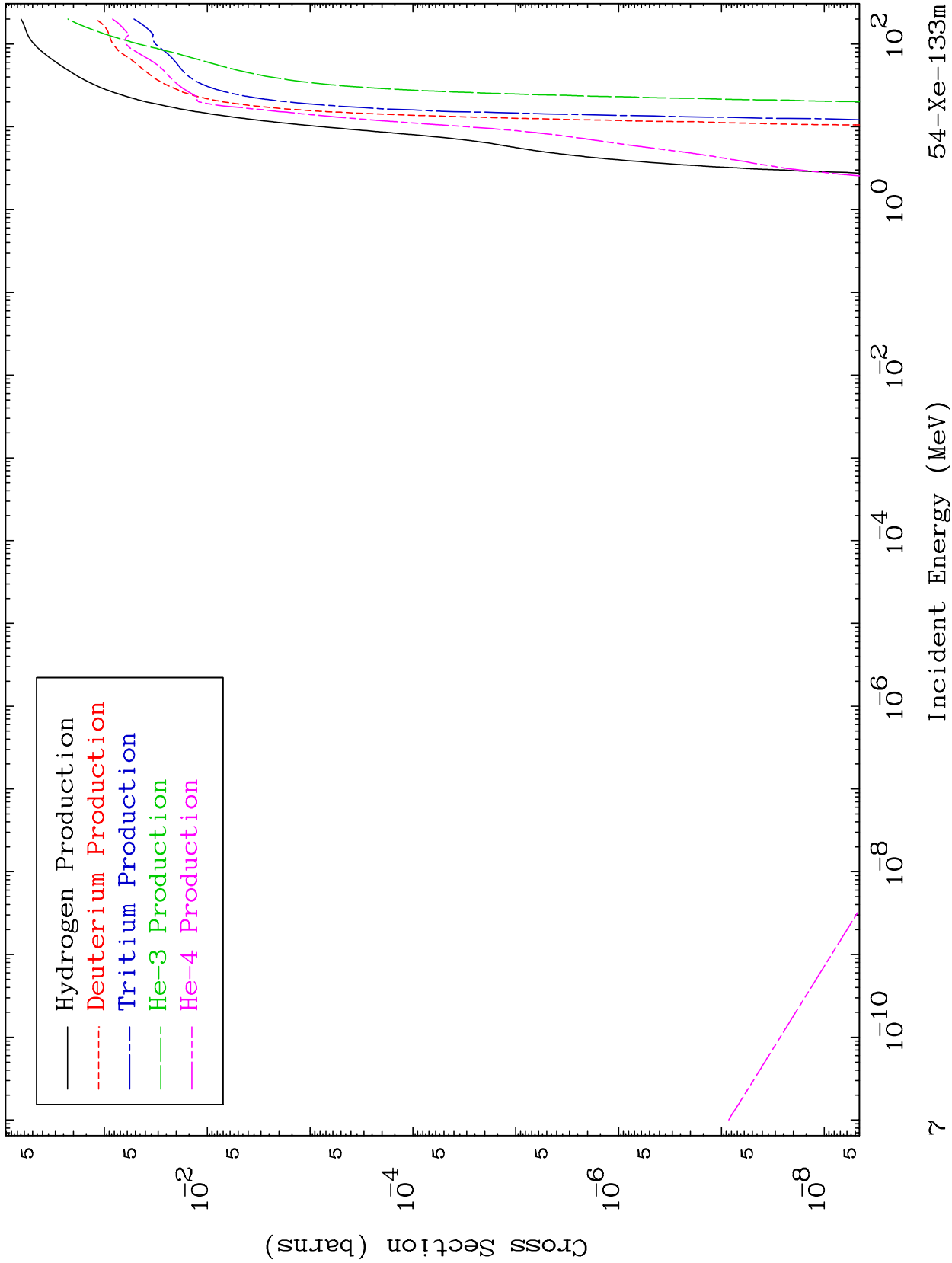
54-Xe-133m



MAT 5453

Particle Production  
293 Kelvin Cross Sections

54-Xe-133m

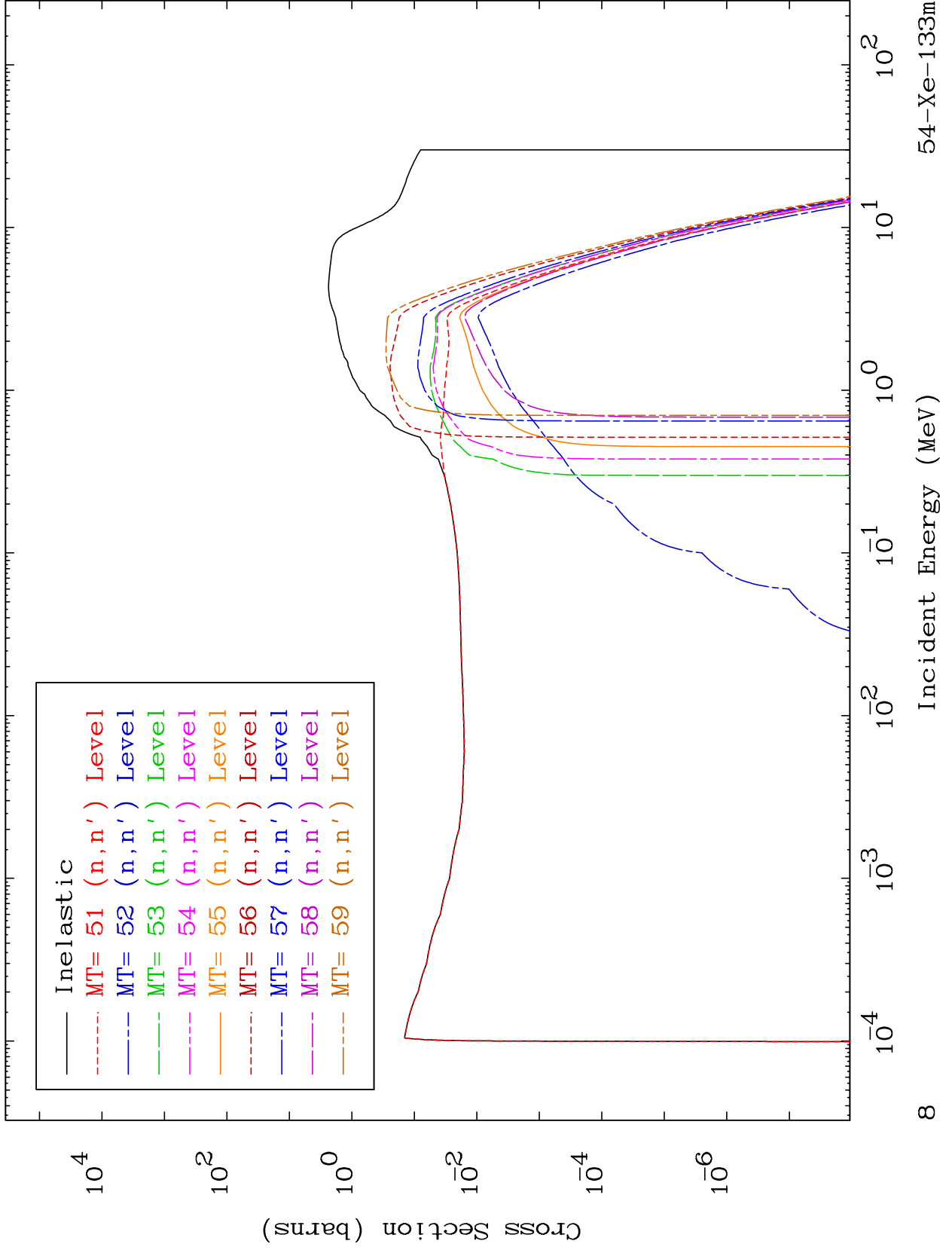




MAT 5453

(n,n') Levels  
293 Kelvin Cross Sections

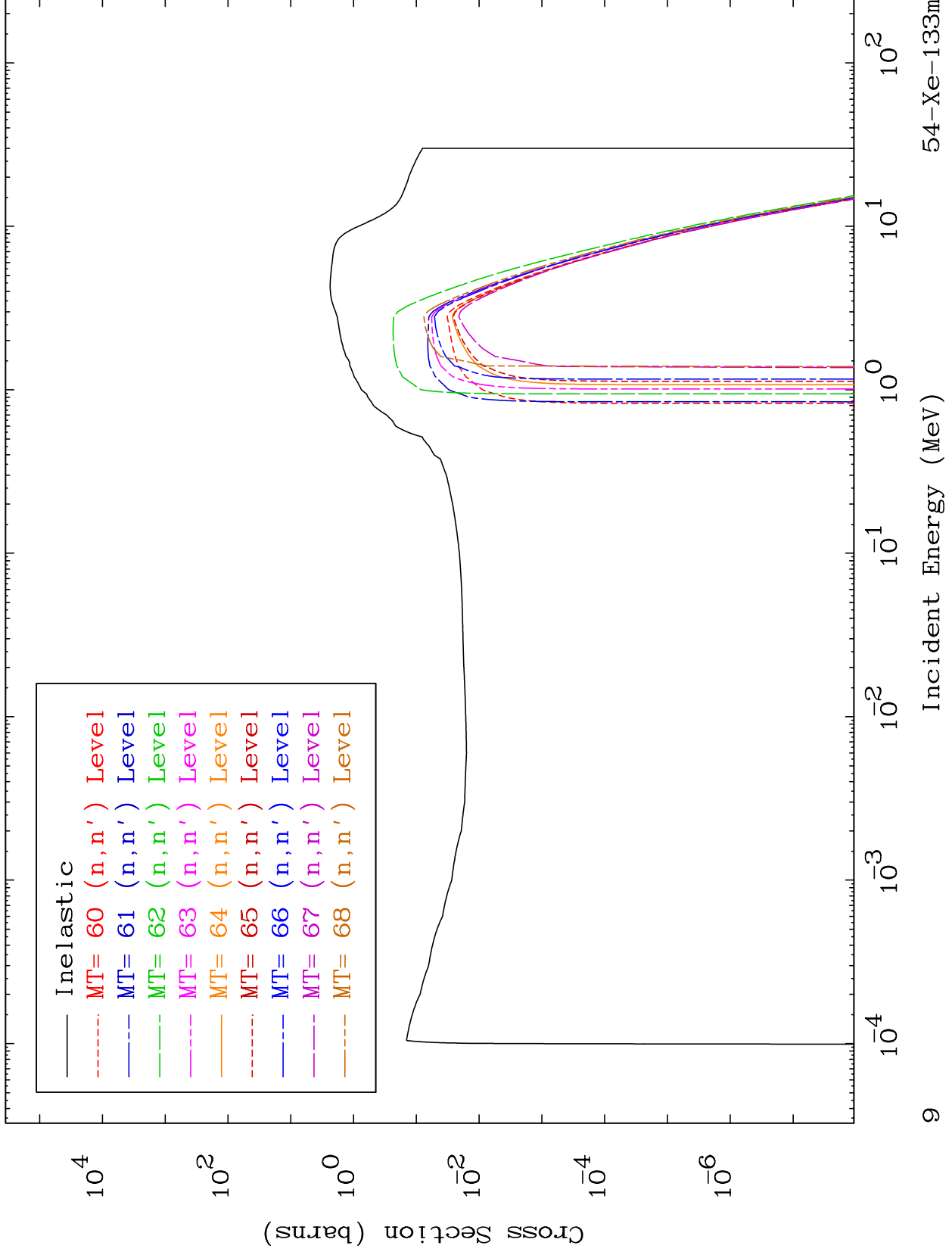
54-Xe-133m



MAT 5453

(n,n') Levels  
293 Kelvin Cross Sections

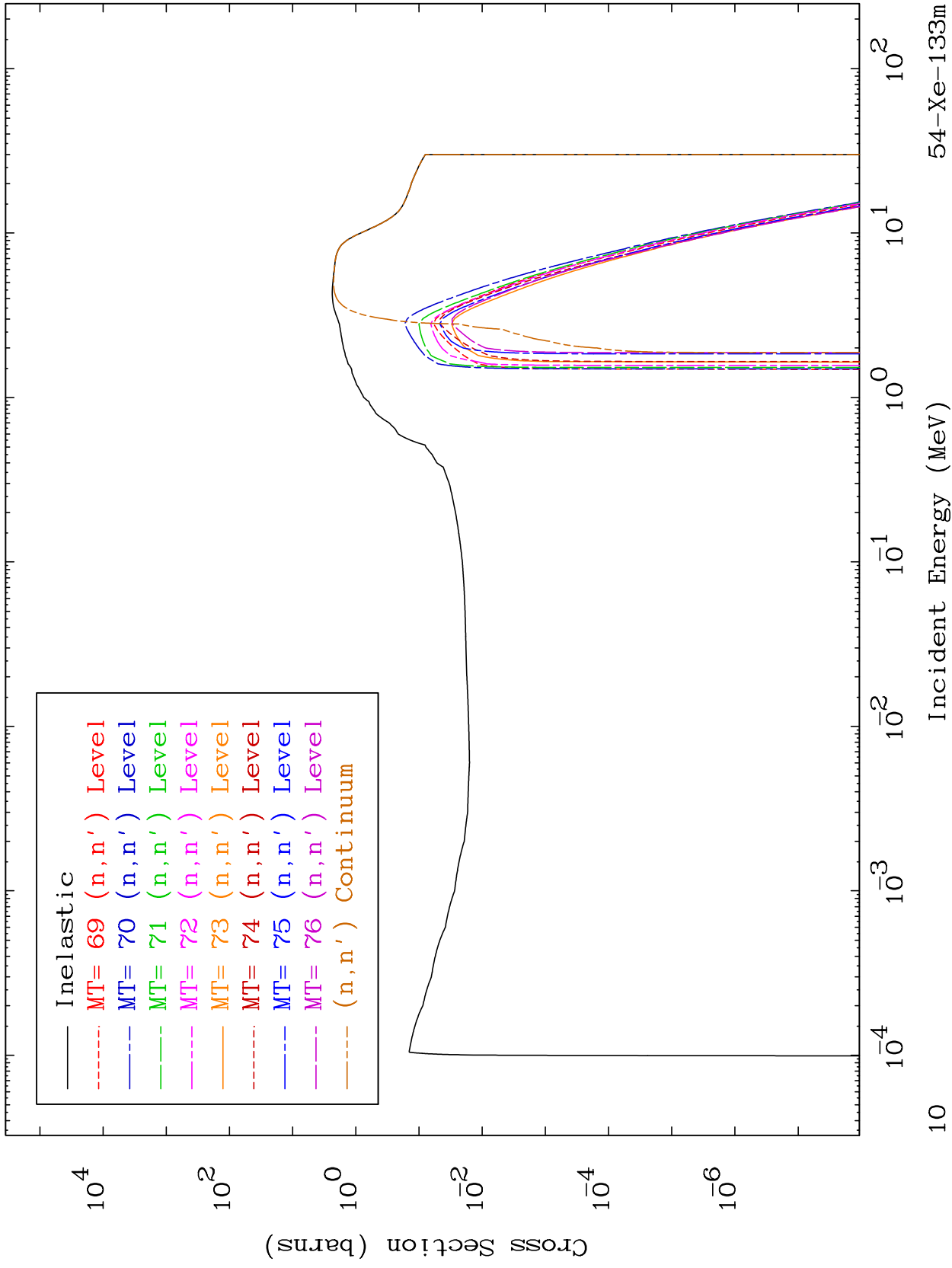
54-Xe-133m



MAT 5453

(n,n') Levels  
293 Kelvin Cross Sections

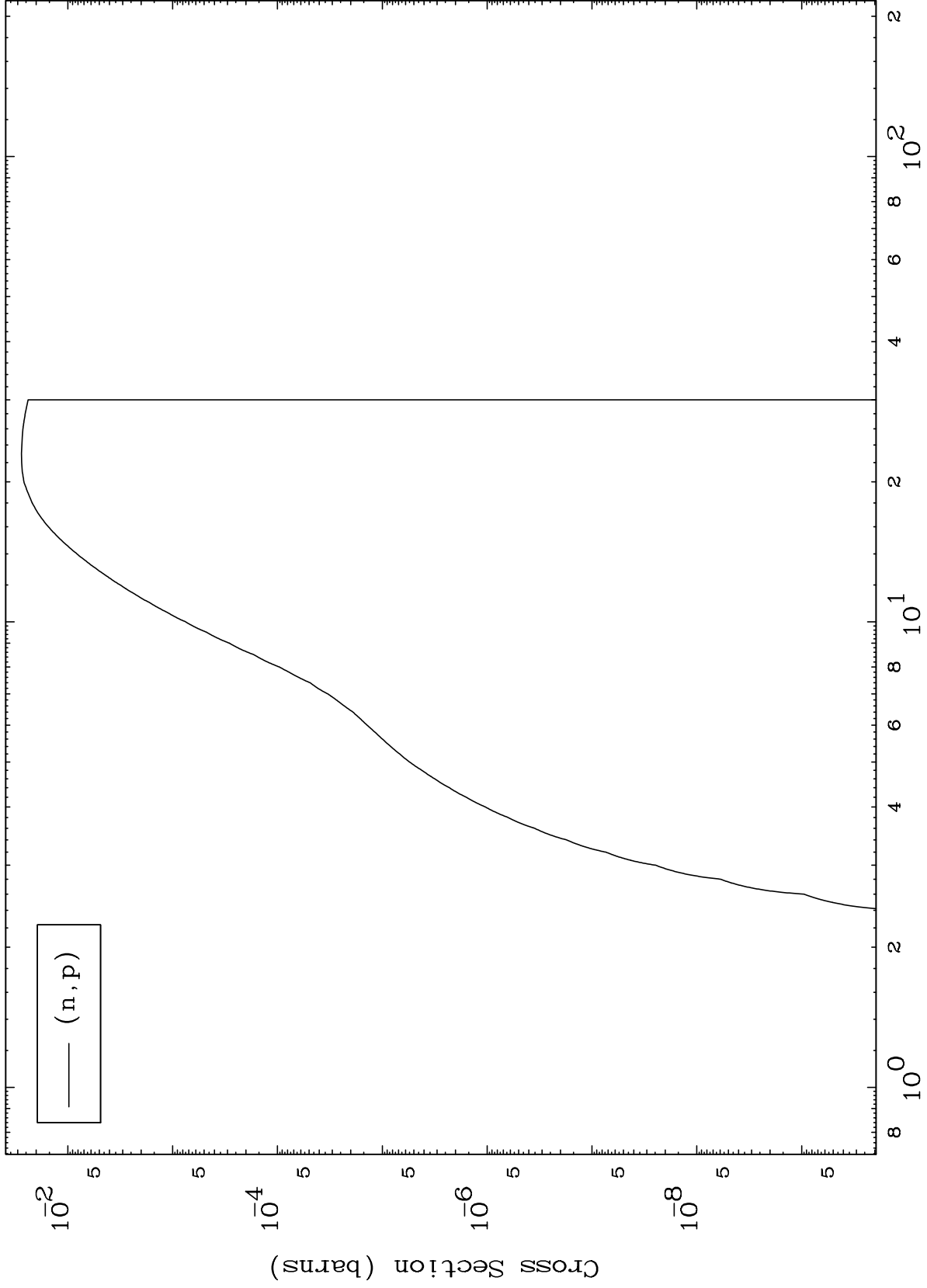
54-Xe-133m



MAT 5453

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-133m



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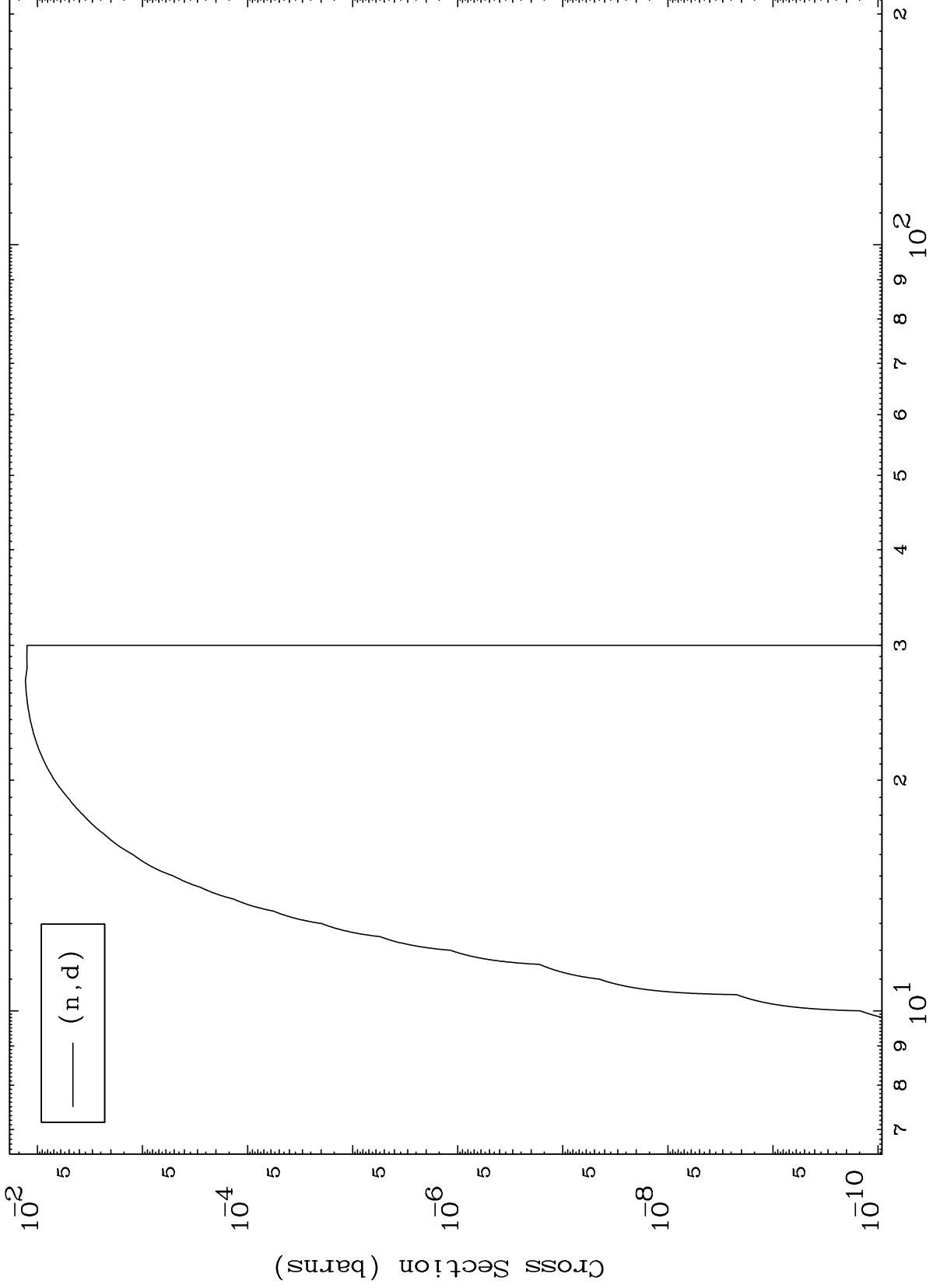
Incident Energy (MeV)

54-Xe-133m

MAT 5453

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-133m



12

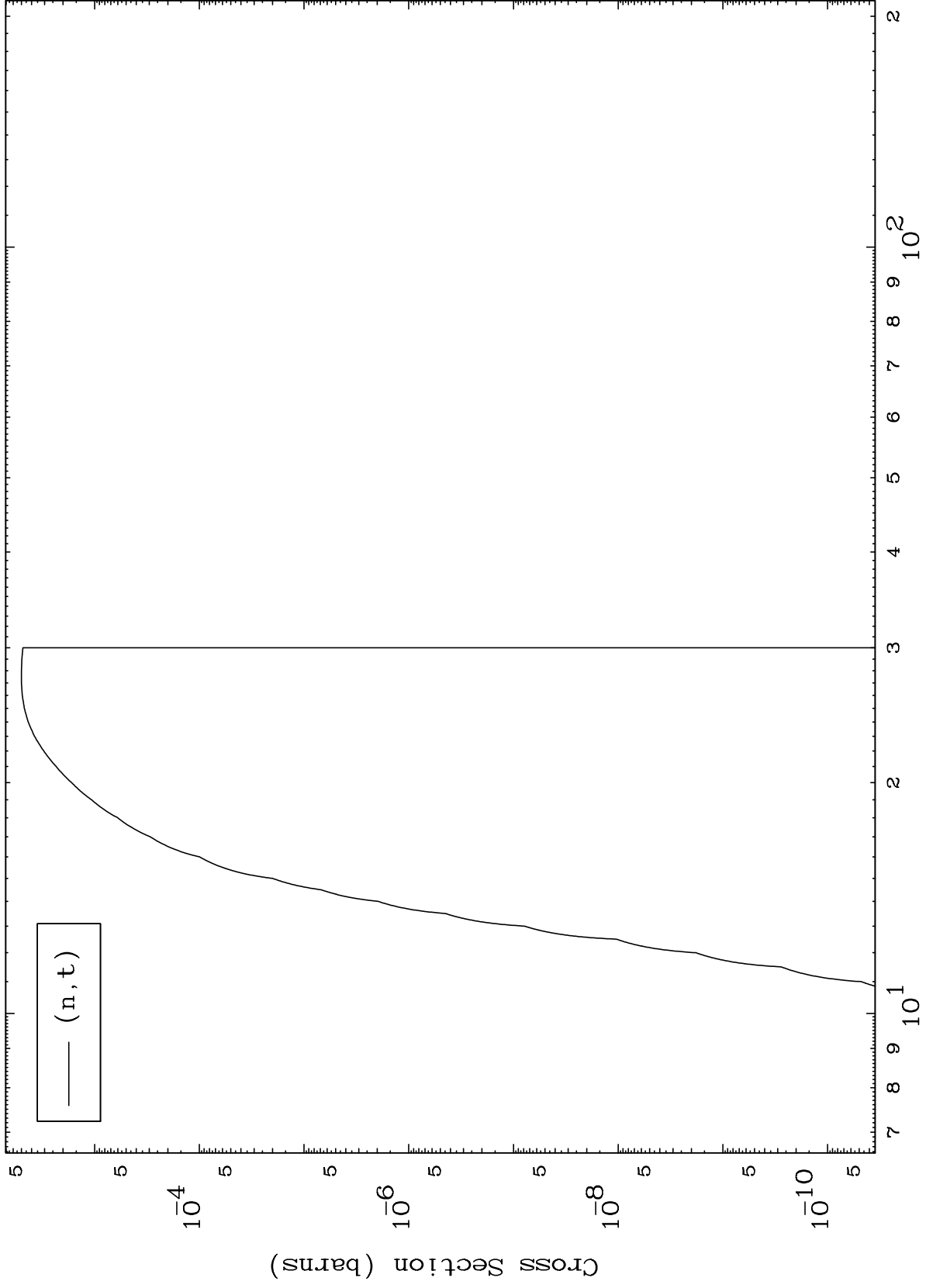
Incident Energy (MeV)

54-Xe-133m

MAT 5453

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-133m



13

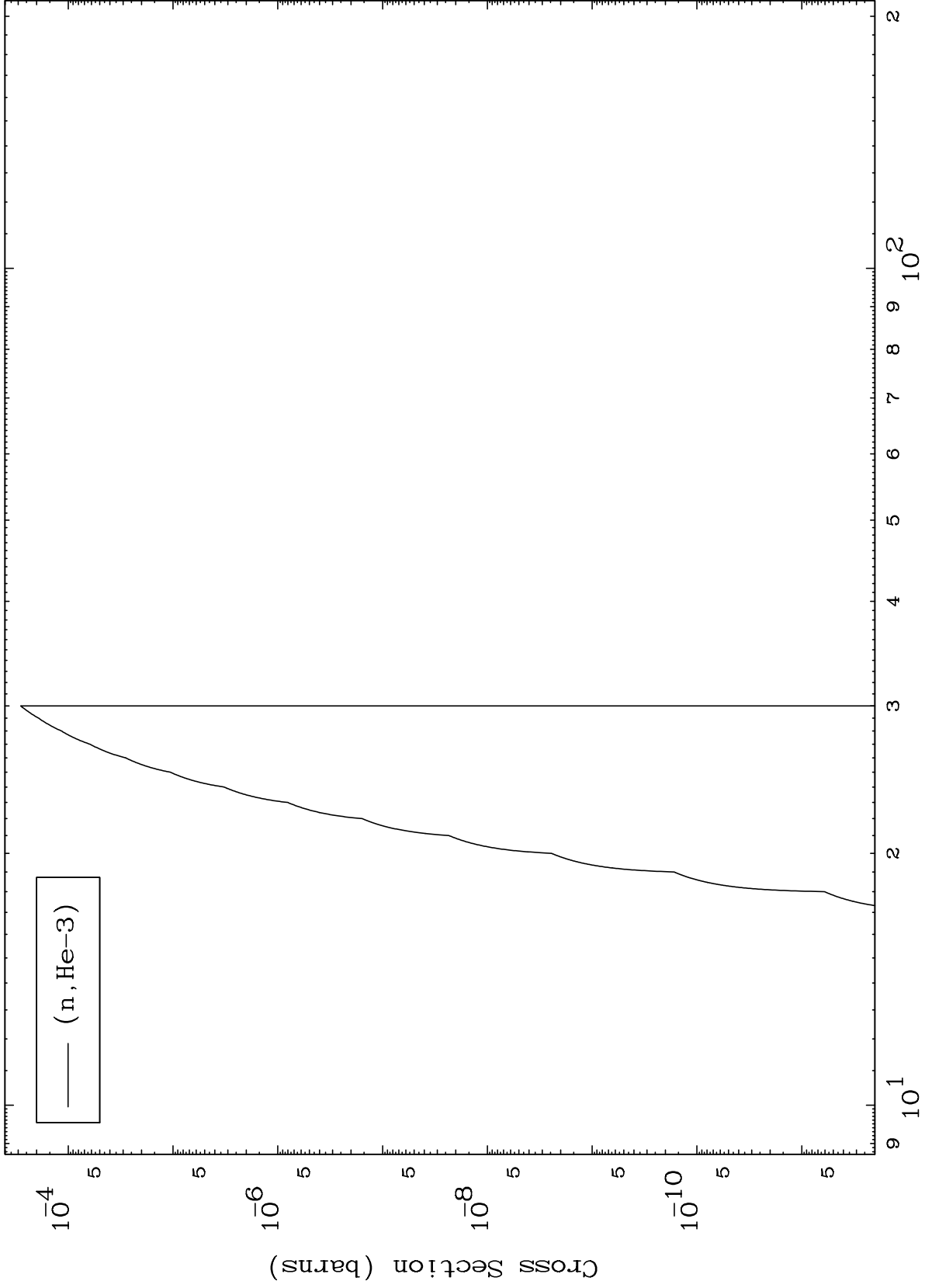
Incident Energy (MeV)

54-Xe-133m

MAT 5453

(n,He3) Levels  
293 Kelvin Cross Sections

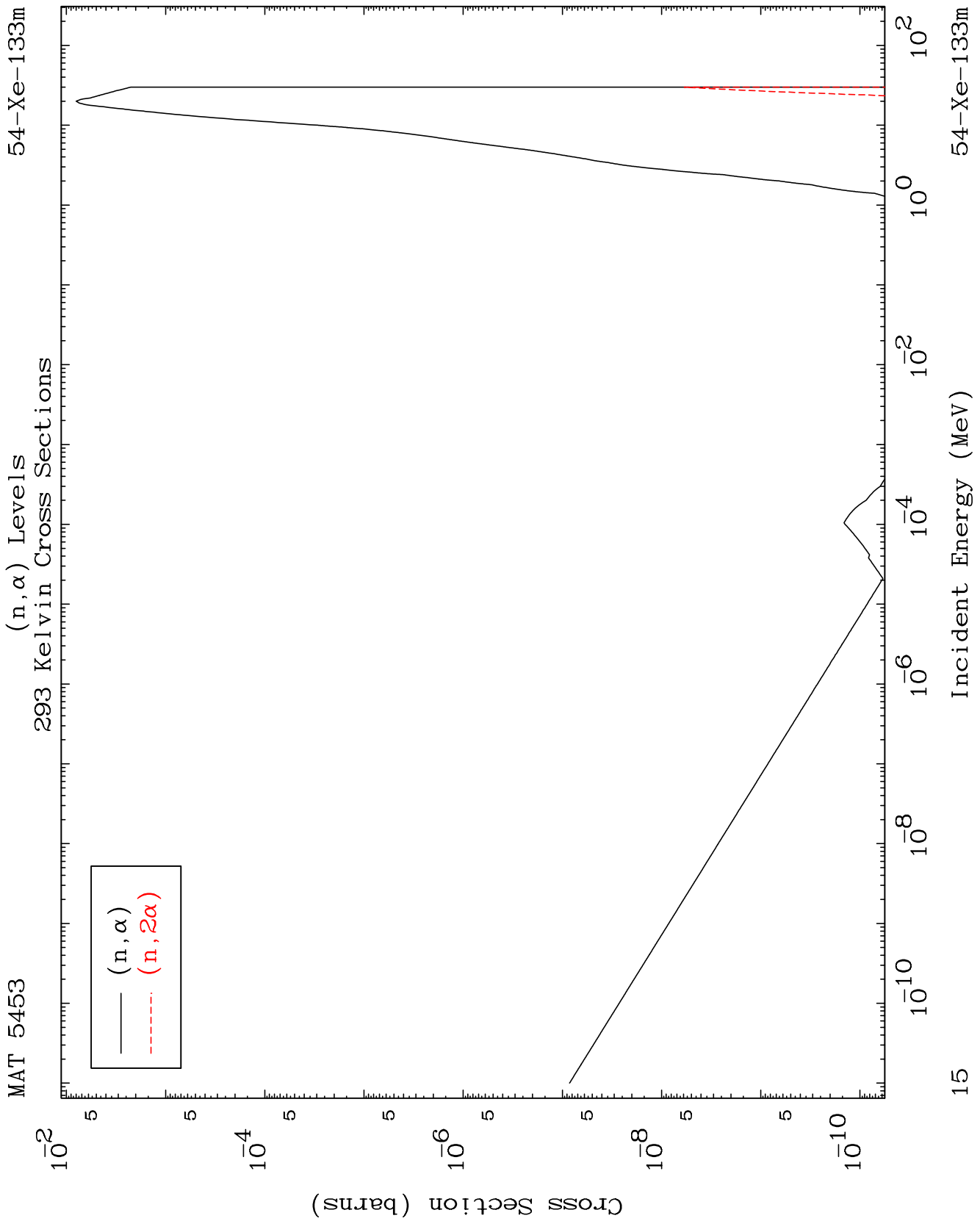
54-Xe-133m



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Incident Energy (MeV)

54-Xe-133m

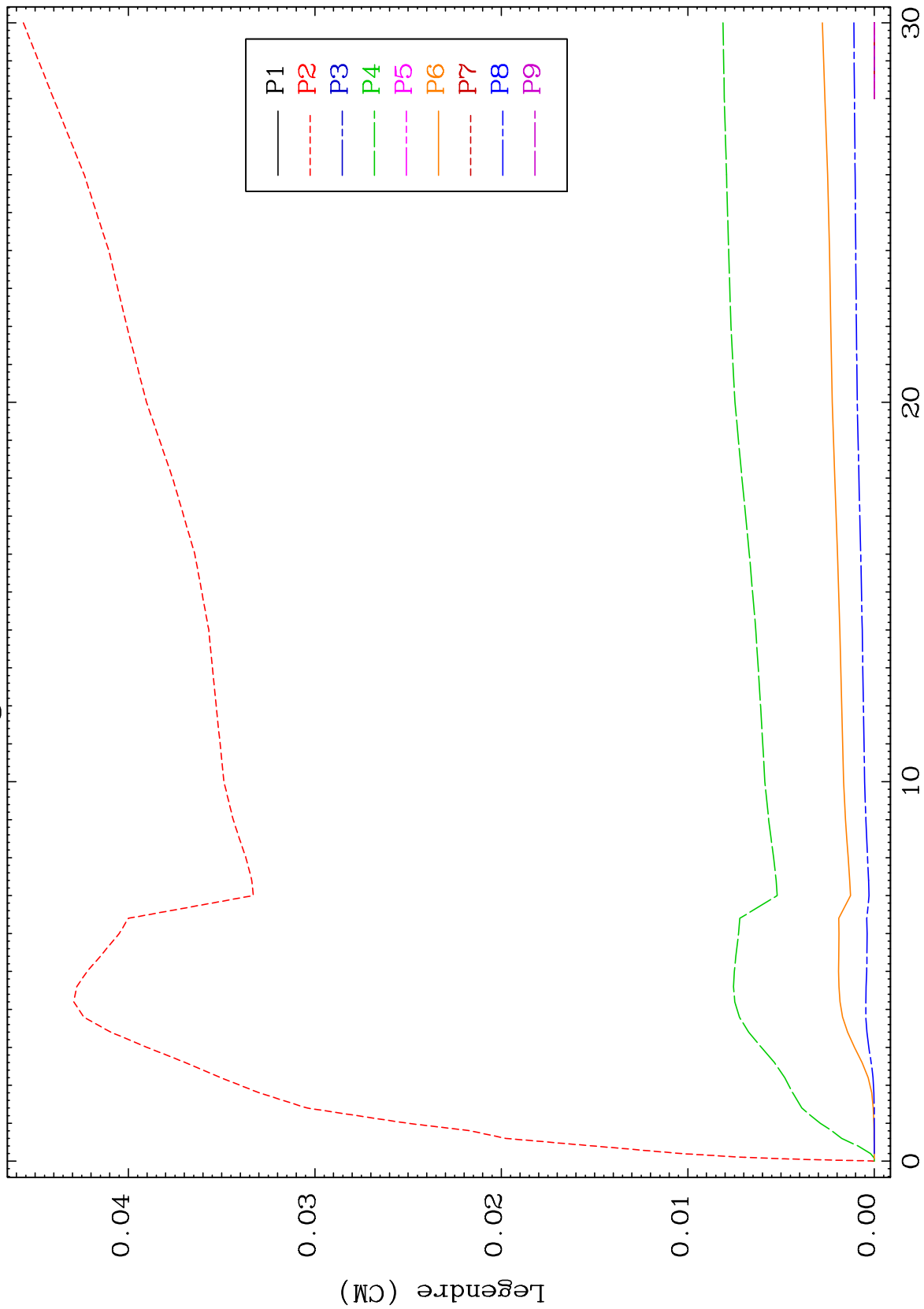




MAT 5453

Elastic  
Legendre Coefficients

54-Xe-133m



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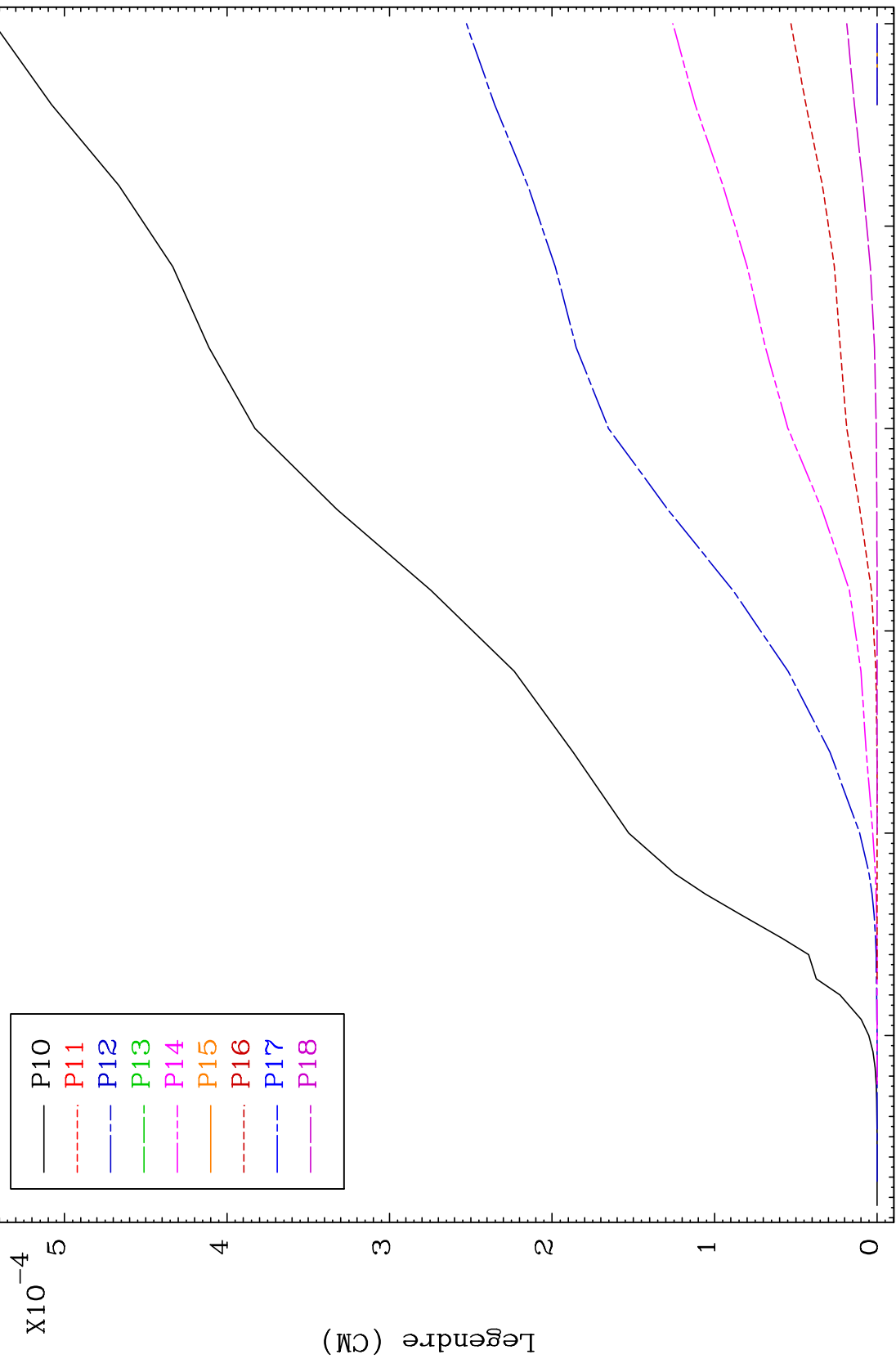
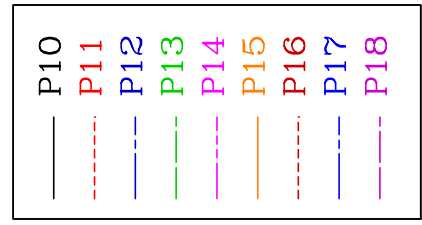
Incident Energy (MeV)

54-Xe-133m

MAT 5453

Elastic Legendre Coefficients

54-Xe-133m



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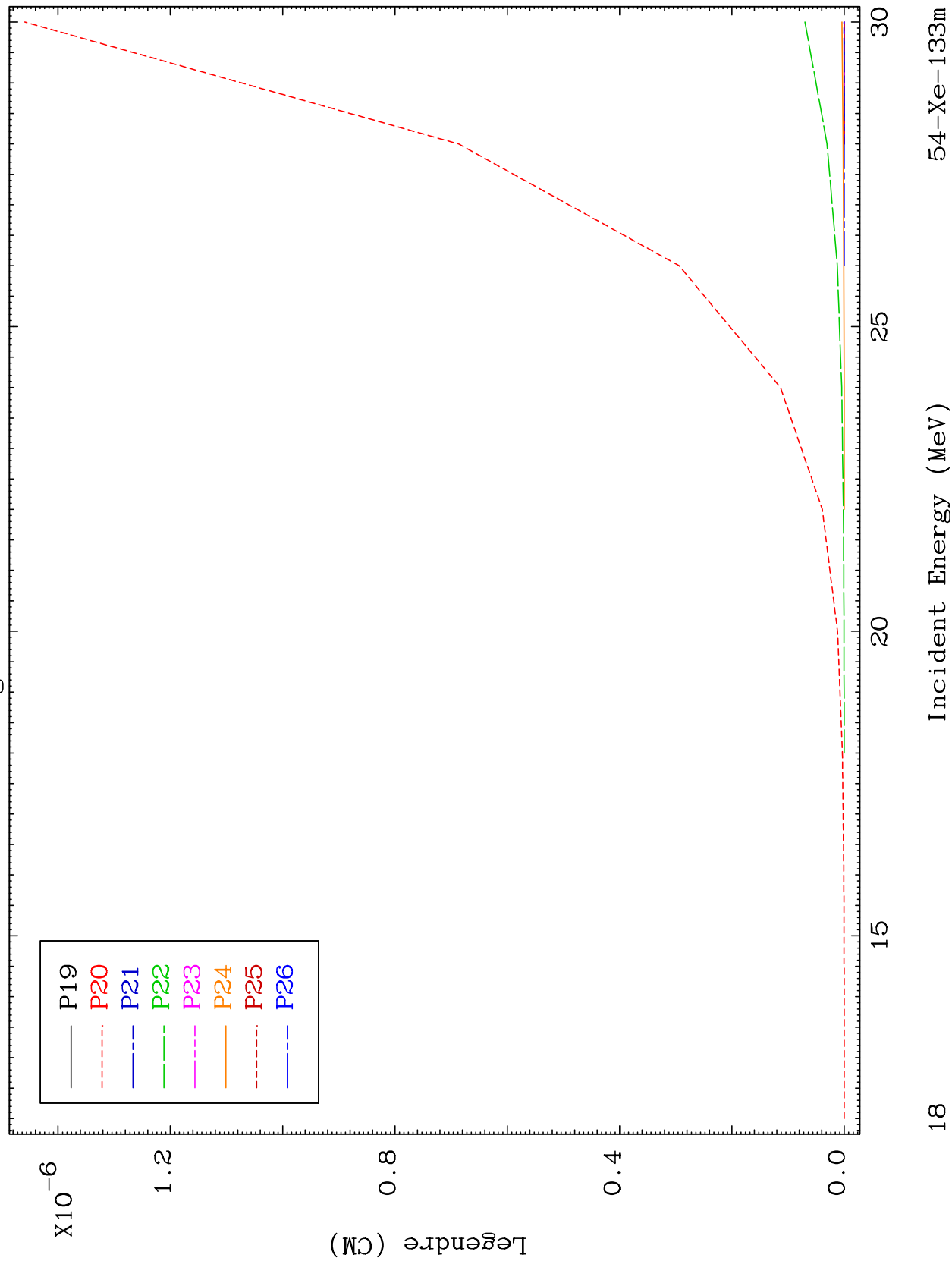
Incident Energy (MeV)

54-Xe-133m

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Elastic Legendre Coefficients

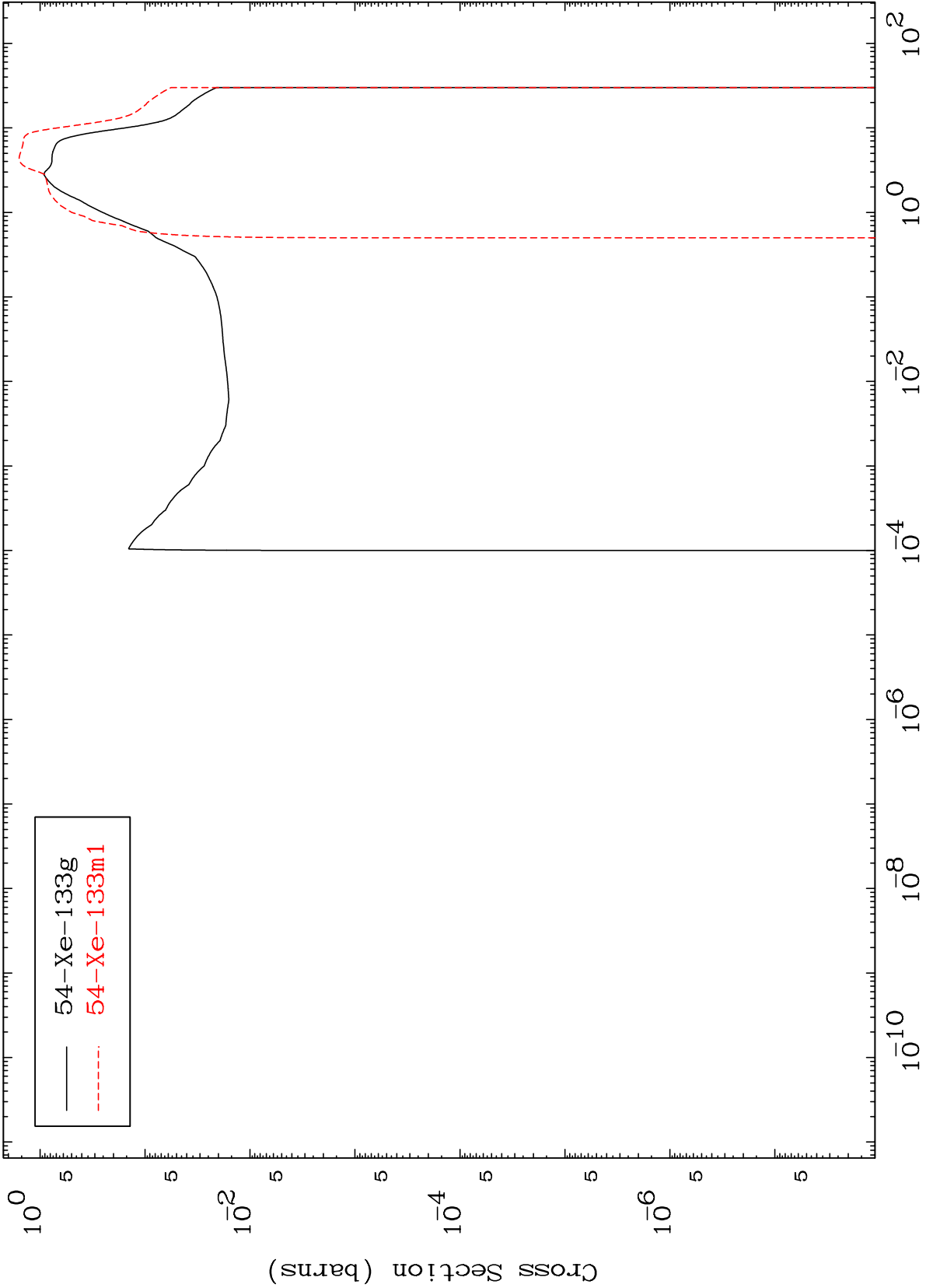
54-Xe-133m



MAT 5453

Inelastic  
Radionuclide Production Cross Section

54-Xe-133m



54-Xe-133g  
54-Xe-133m1

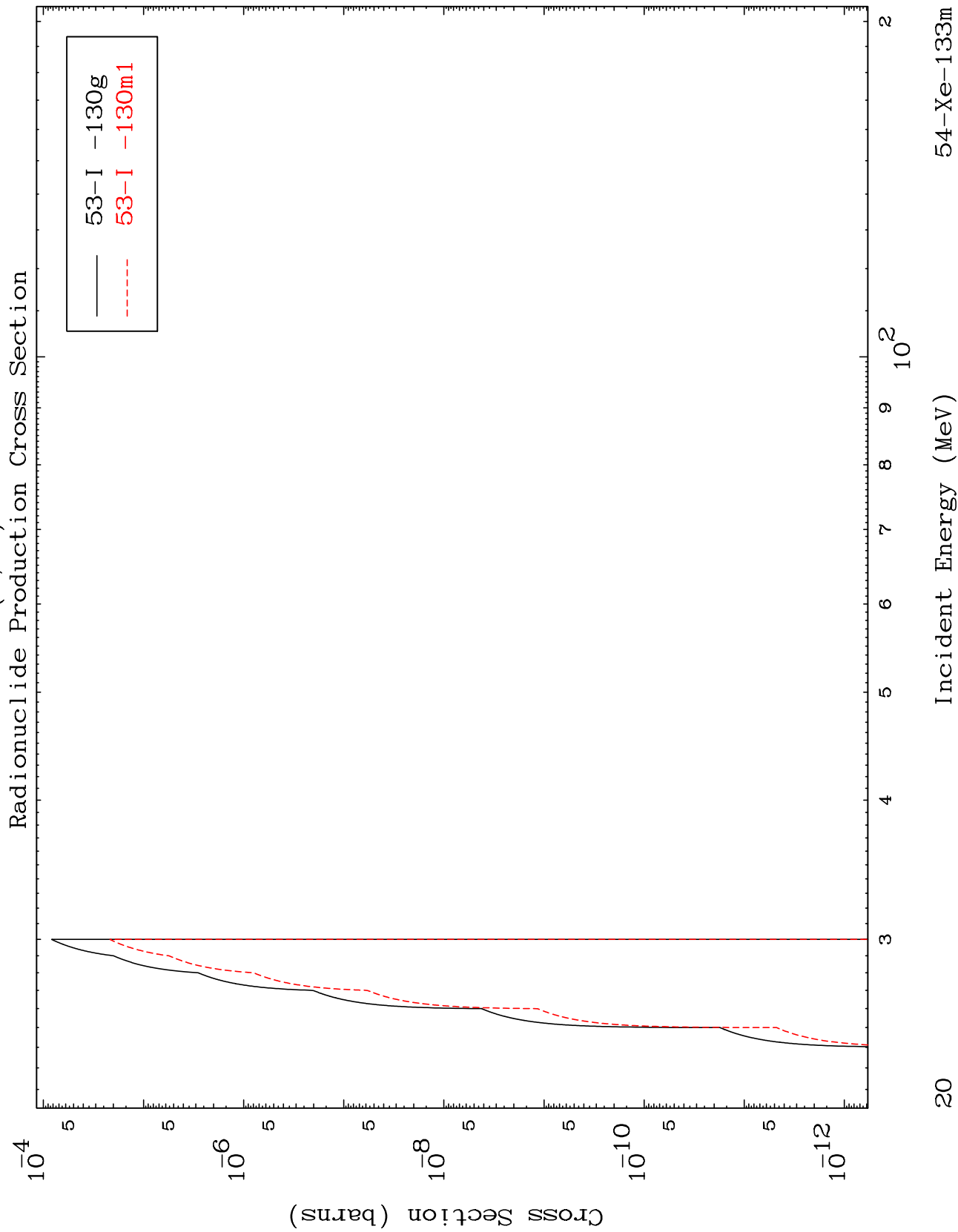
Incident Energy (MeV)

54-Xe-133m

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(n,2n) d

54-Xe-133m



20

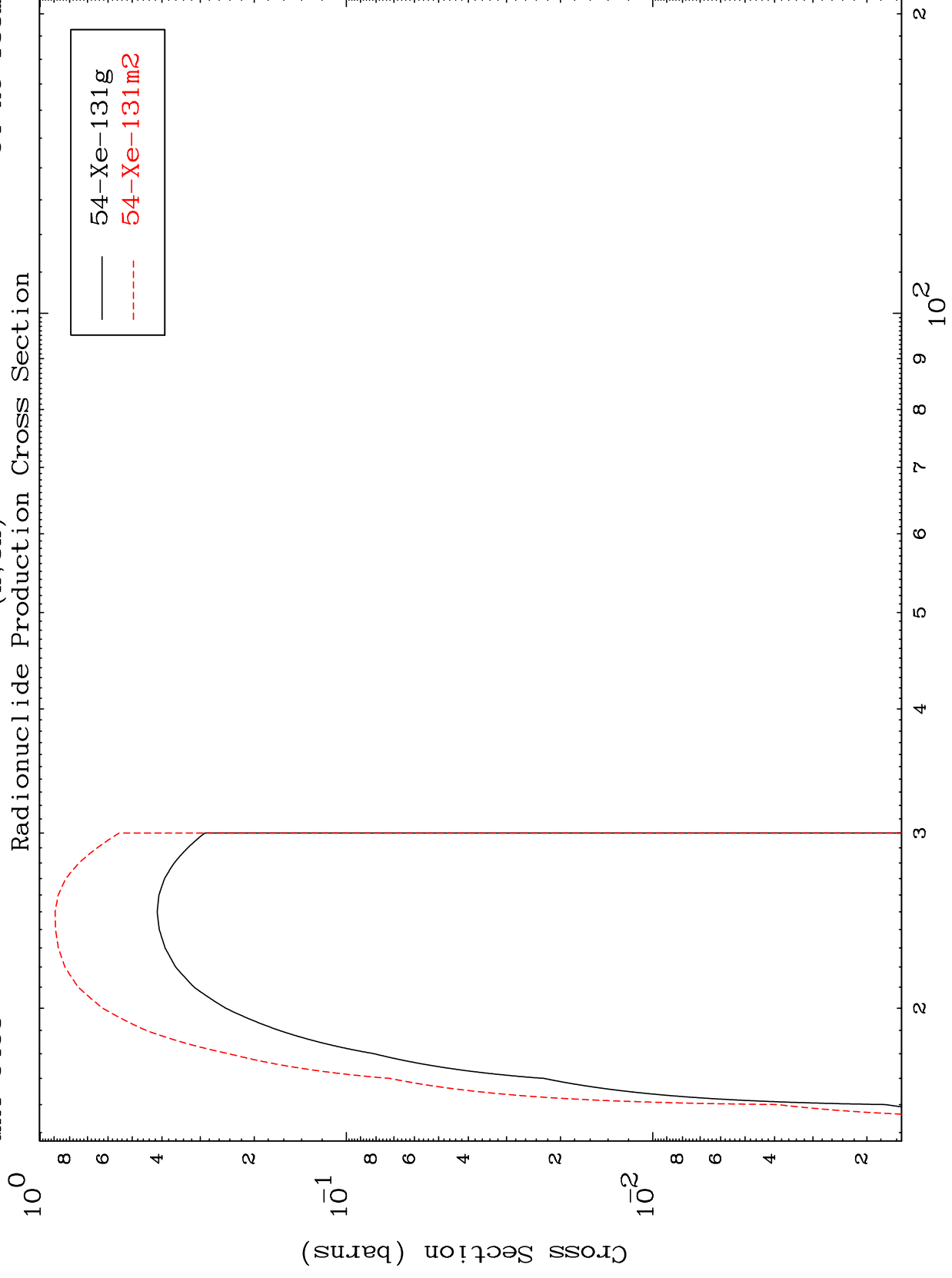
Incident Energy (MeV)

54-Xe-133m

MAT 5453

(n,3n)

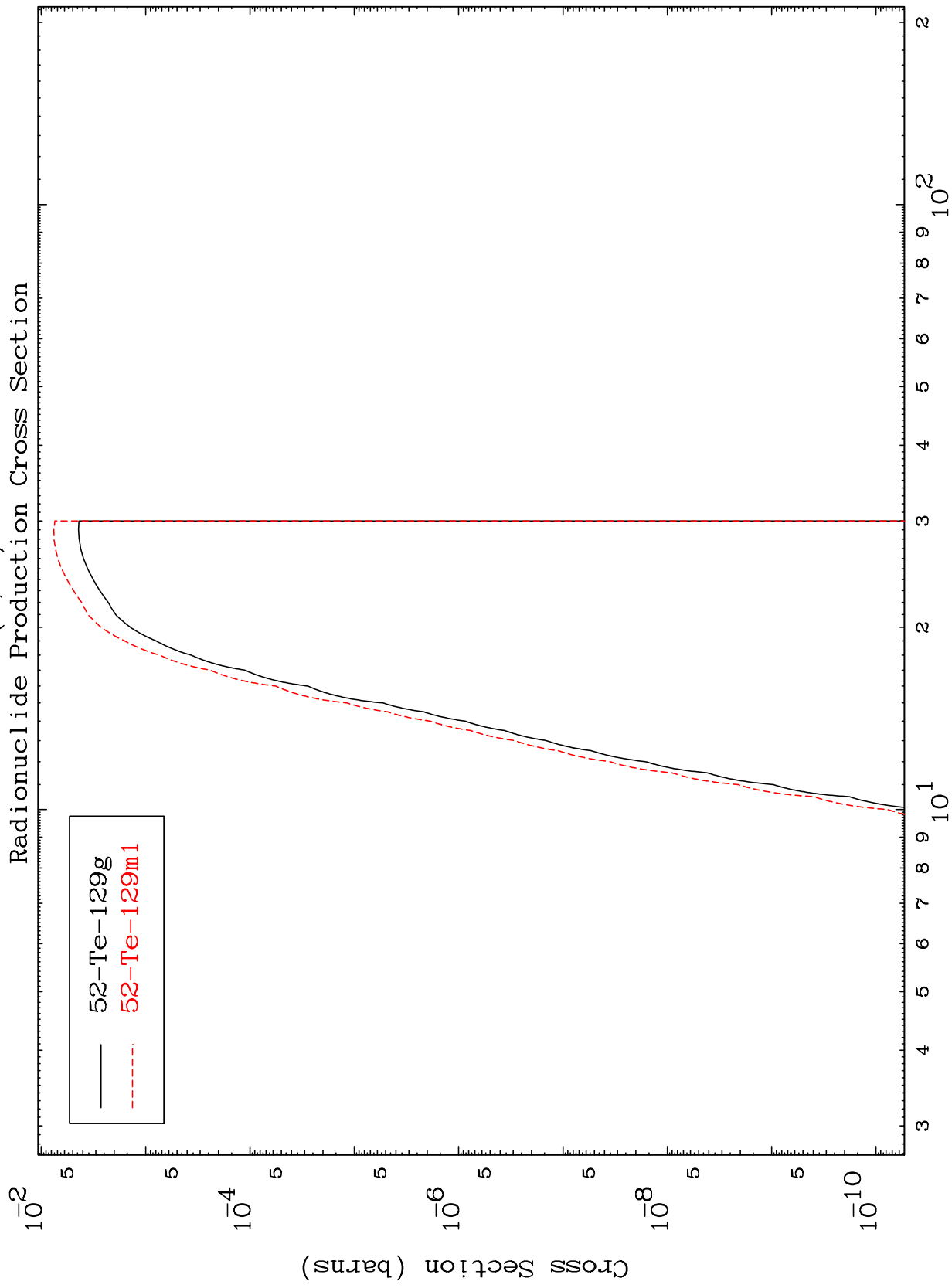
54-Xe-133m



MAT 5453

(n,n')  $\alpha$

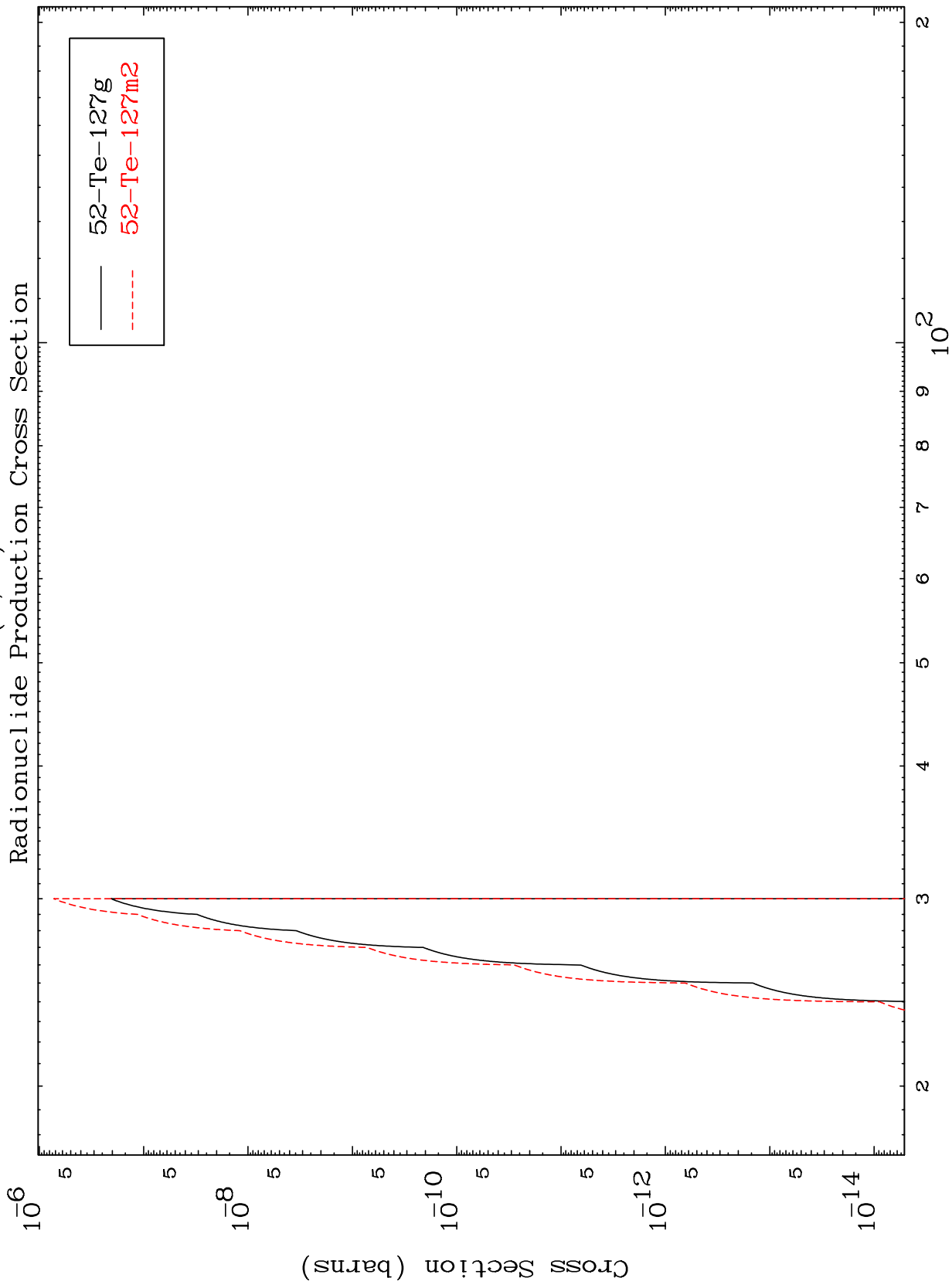
54-Xe-133m



MAT 5453

(n,3n)  $\alpha$

54-Xe-133m



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Incident Energy (MeV)

54-Xe-133m

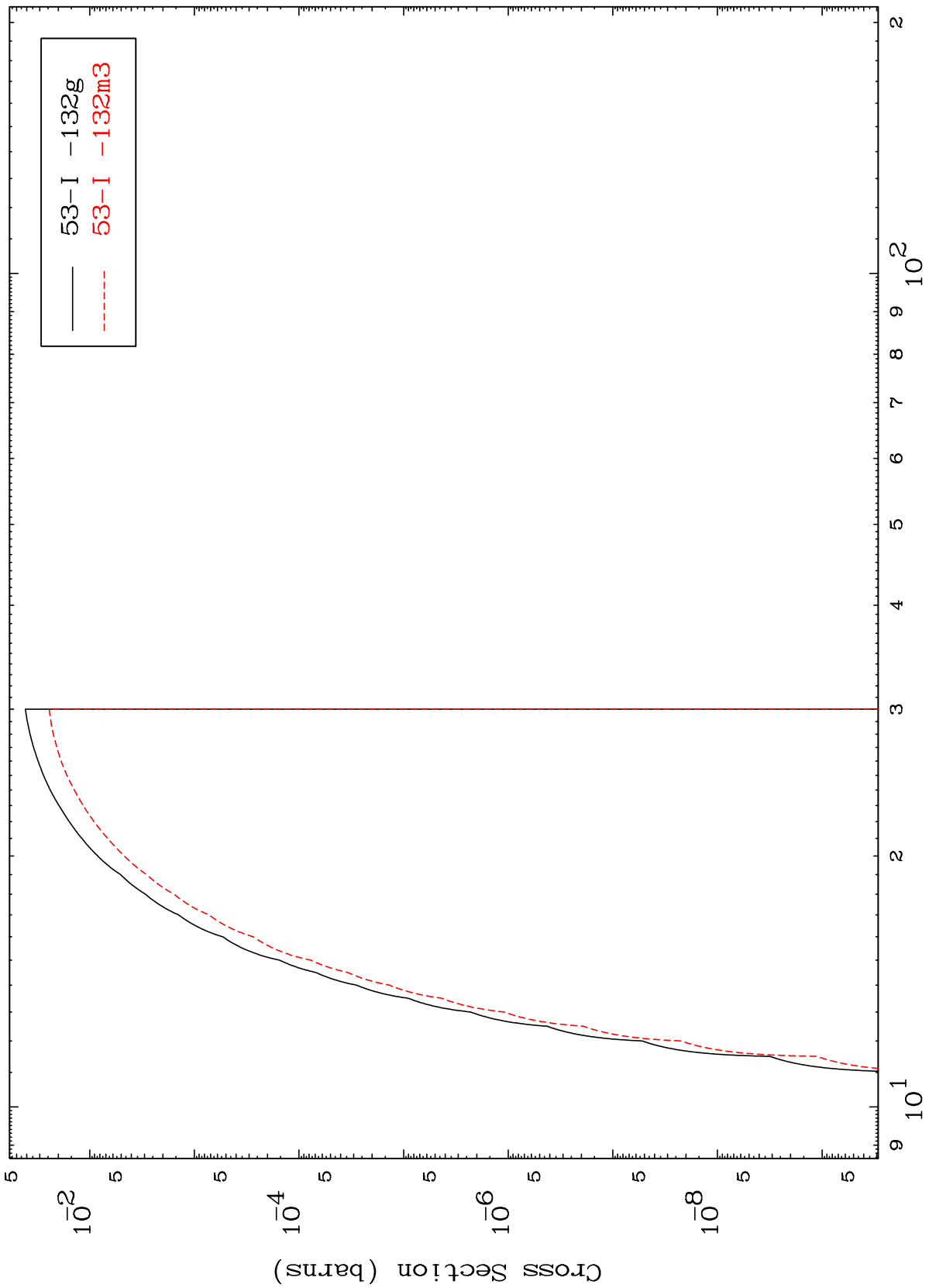


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(n,n') p

54-Xe-133m

Radionuclide Production Cross Section



24

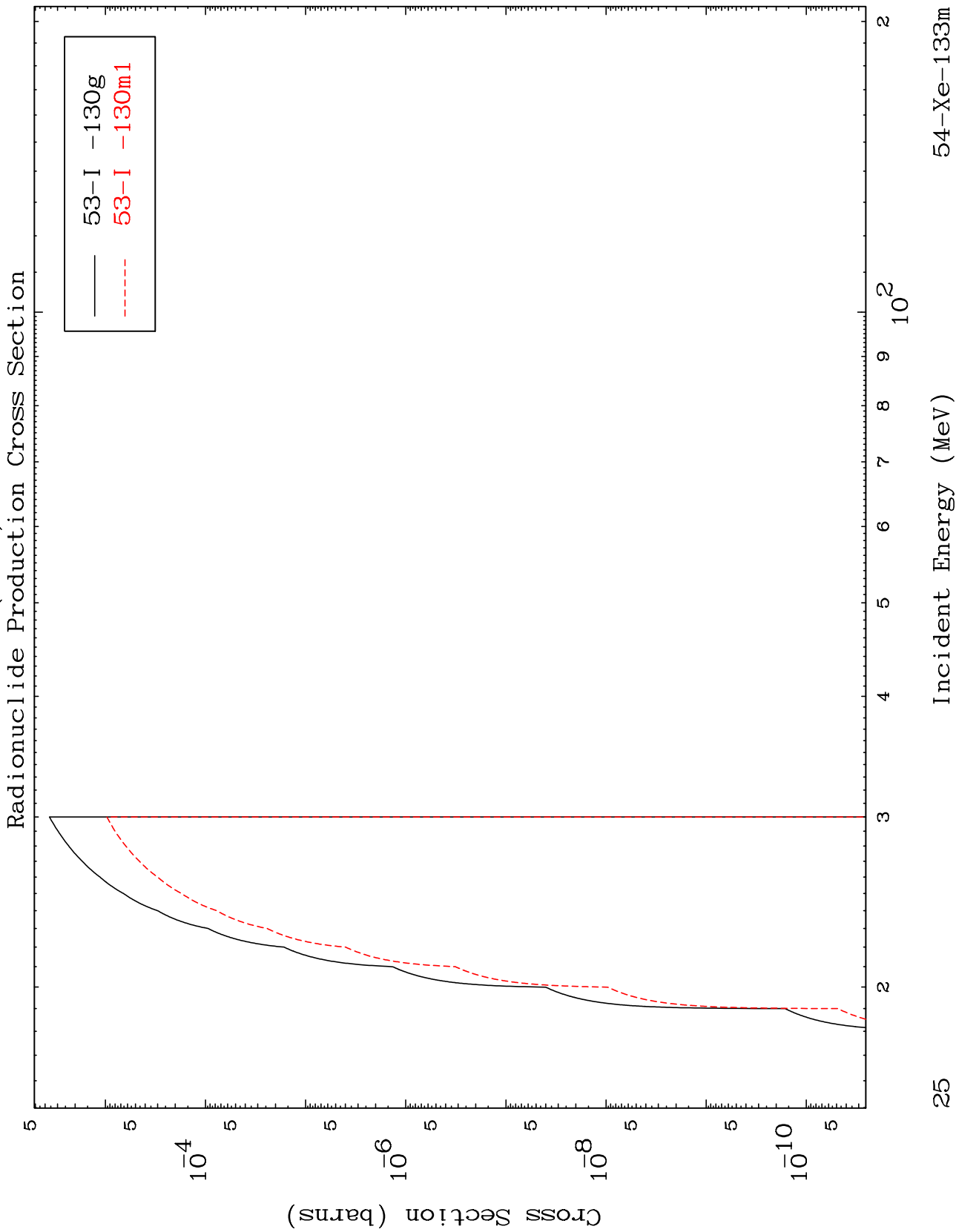
Incident Energy (MeV)

54-Xe-133m

MAT 5453

(n,n') t

54-Xe-133m



25

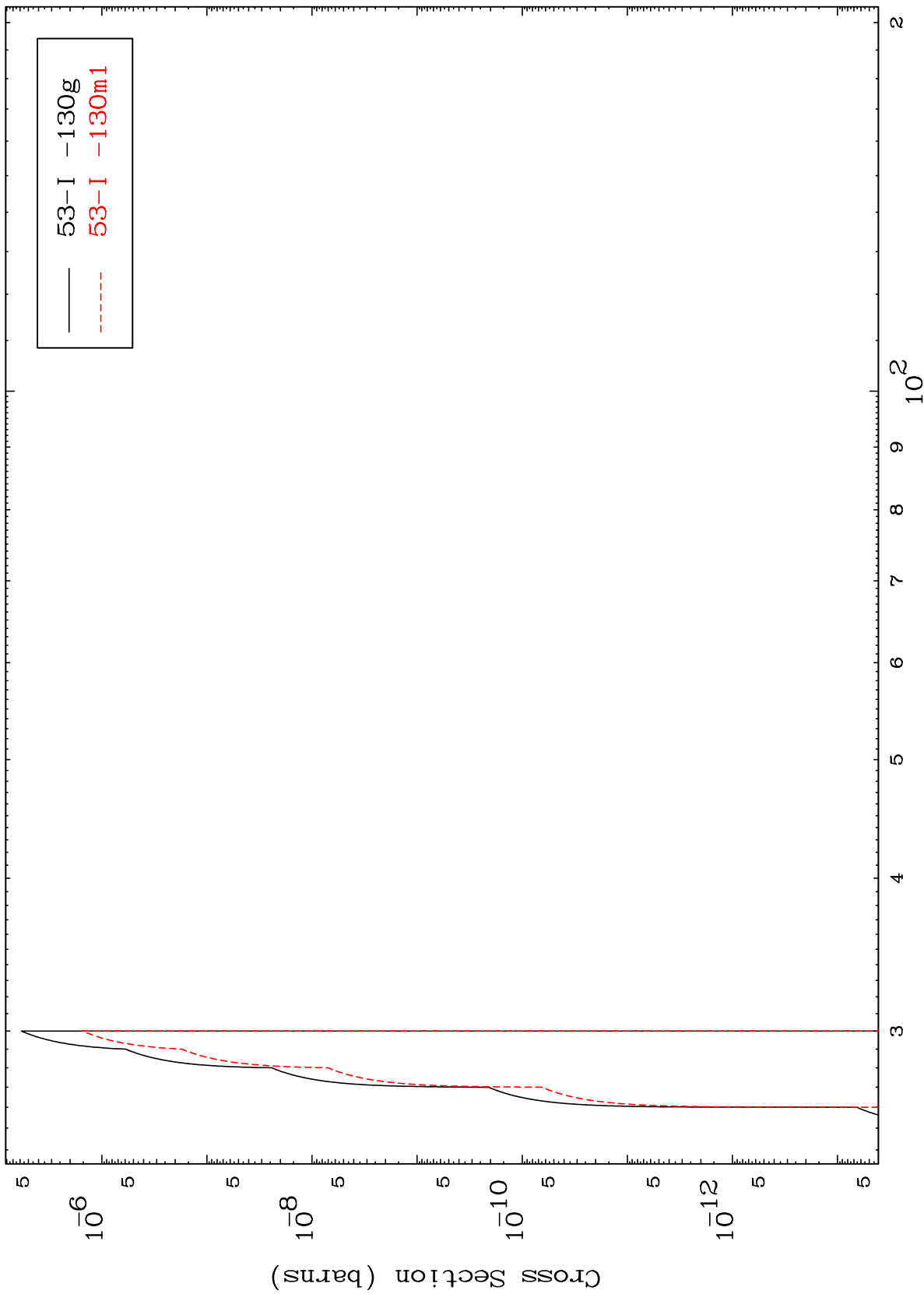
54-Xe-133m

MAT 5453

(n,3n) p

54-Xe-133m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

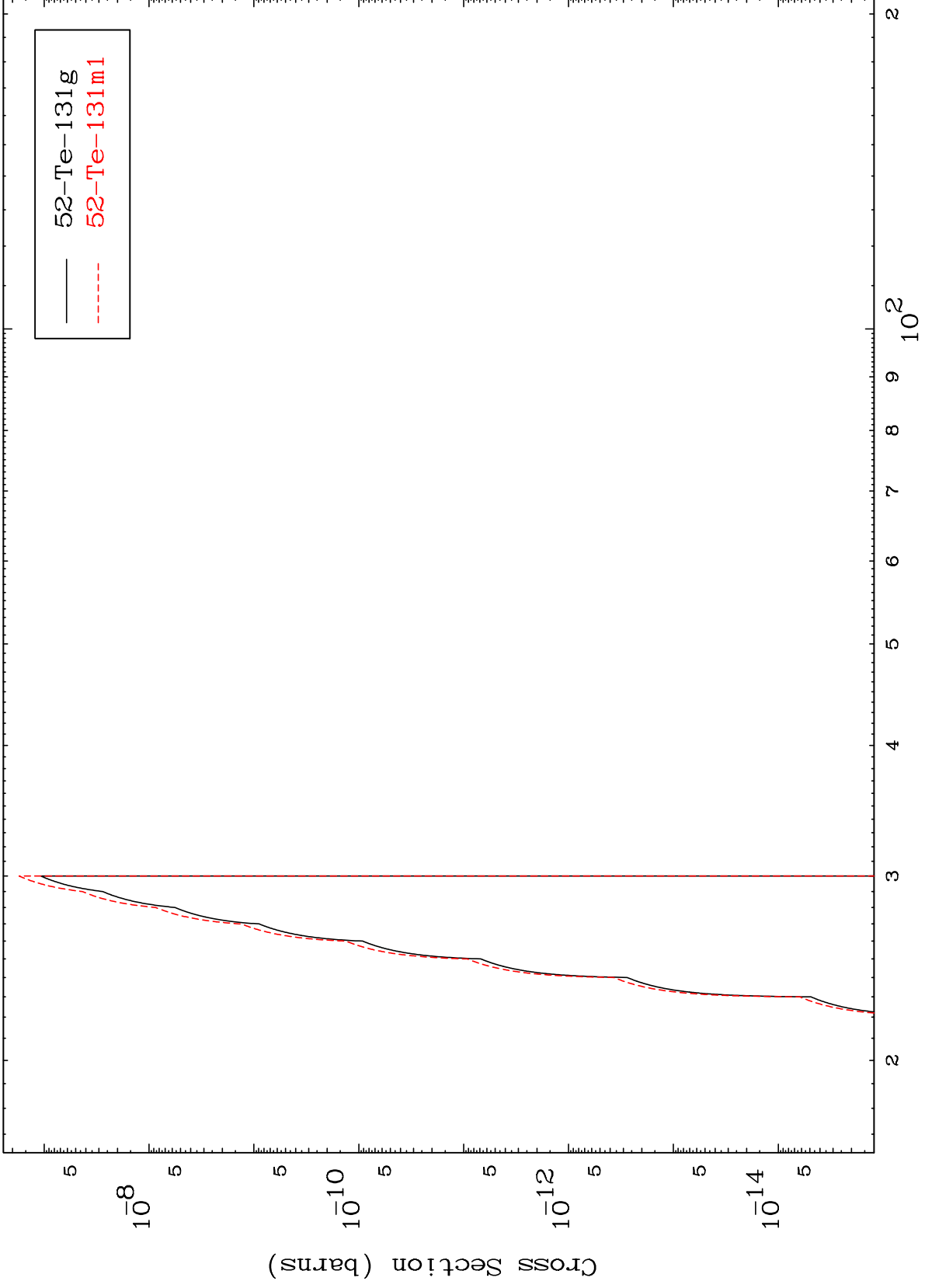
54-Xe-133m

MAT 5453

(n,2n) p

54-Xe-133m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

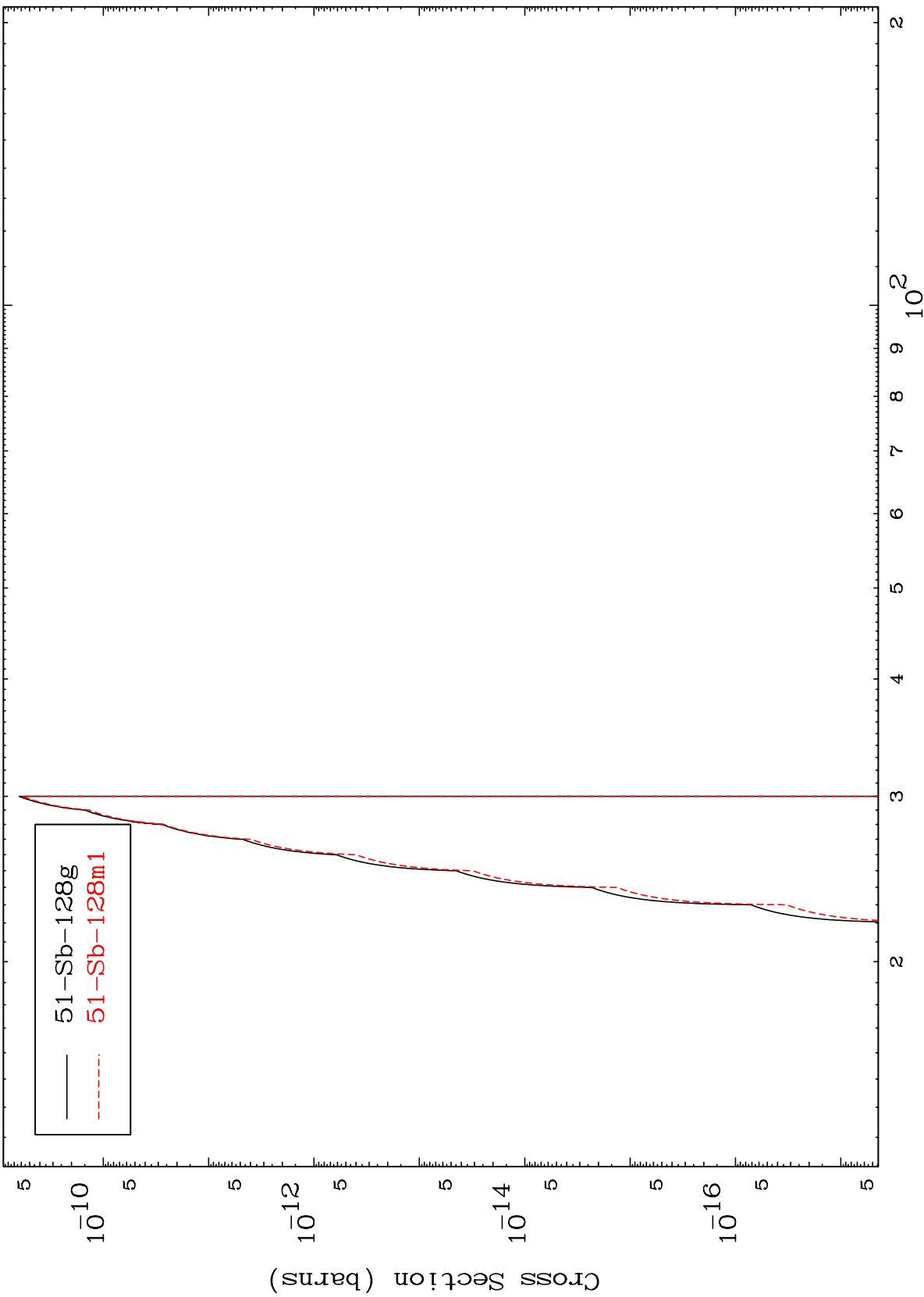
54-Xe-133m

MAT 5453

(n,n') p  $\alpha$

54-Xe-133m

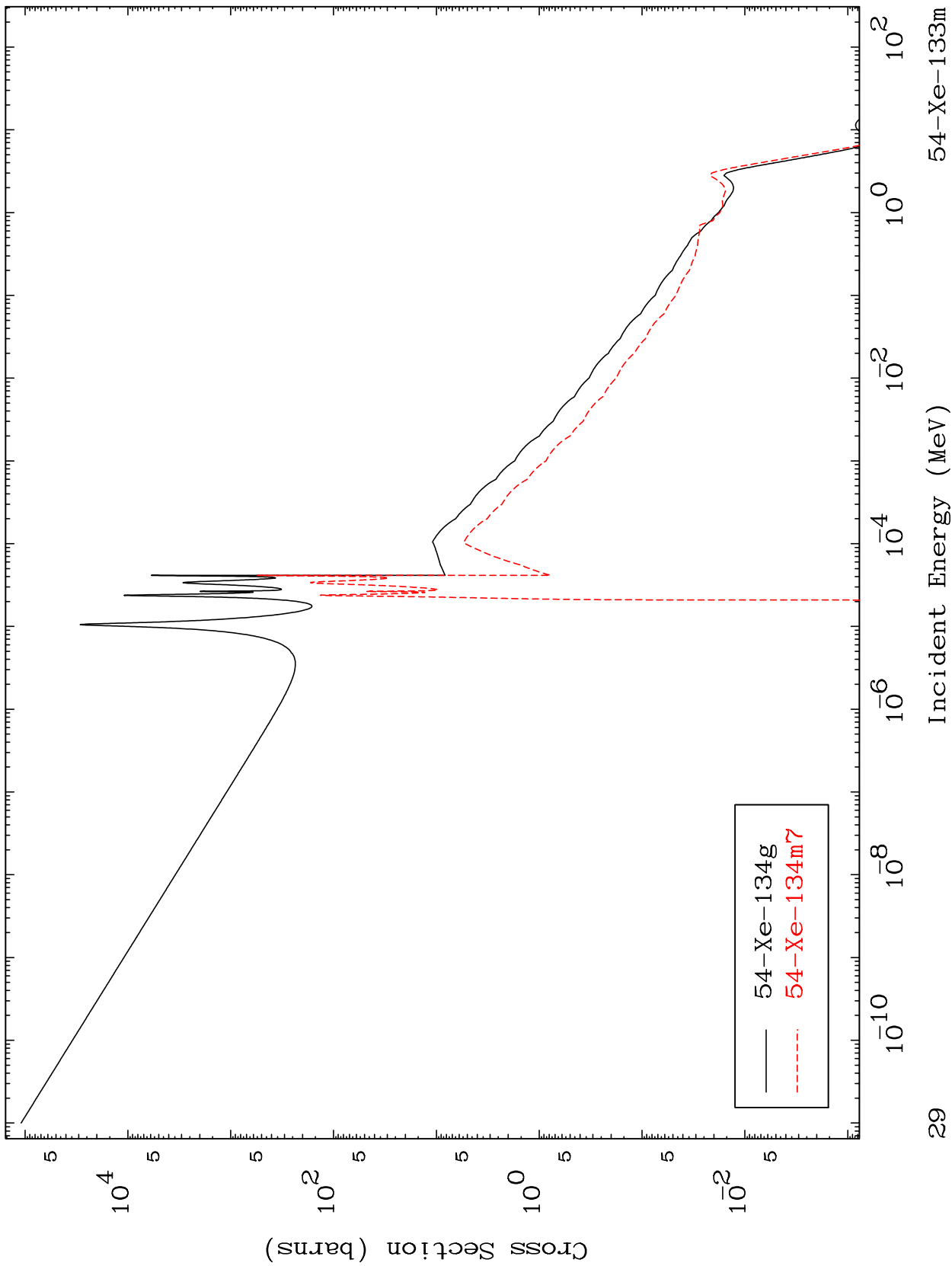
Radionuclide Production Cross Section



MAT 5453

54-Xe-133m

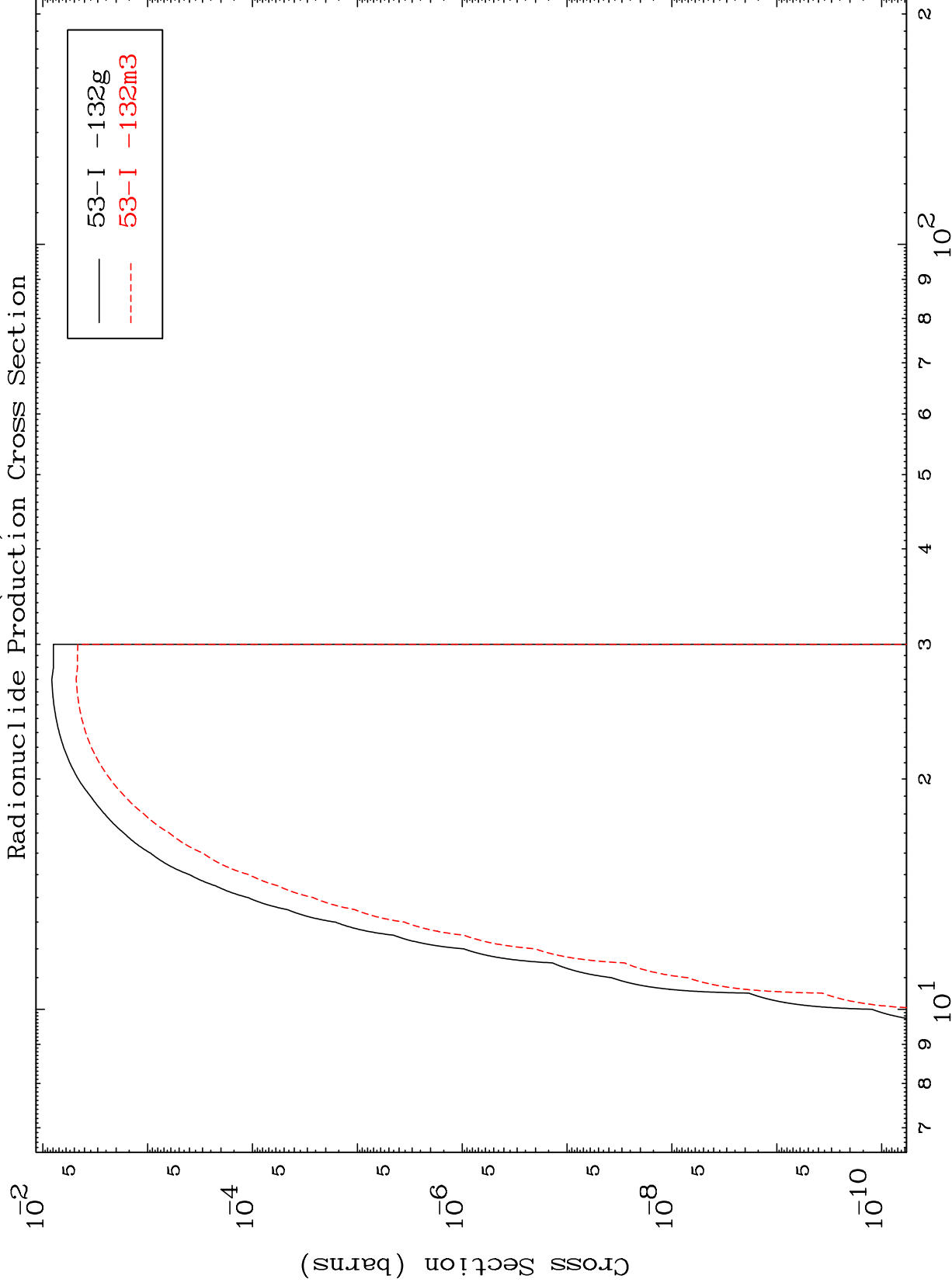
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 5453

(n,d)

54-Xe-133m



30

Incident Energy (MeV)

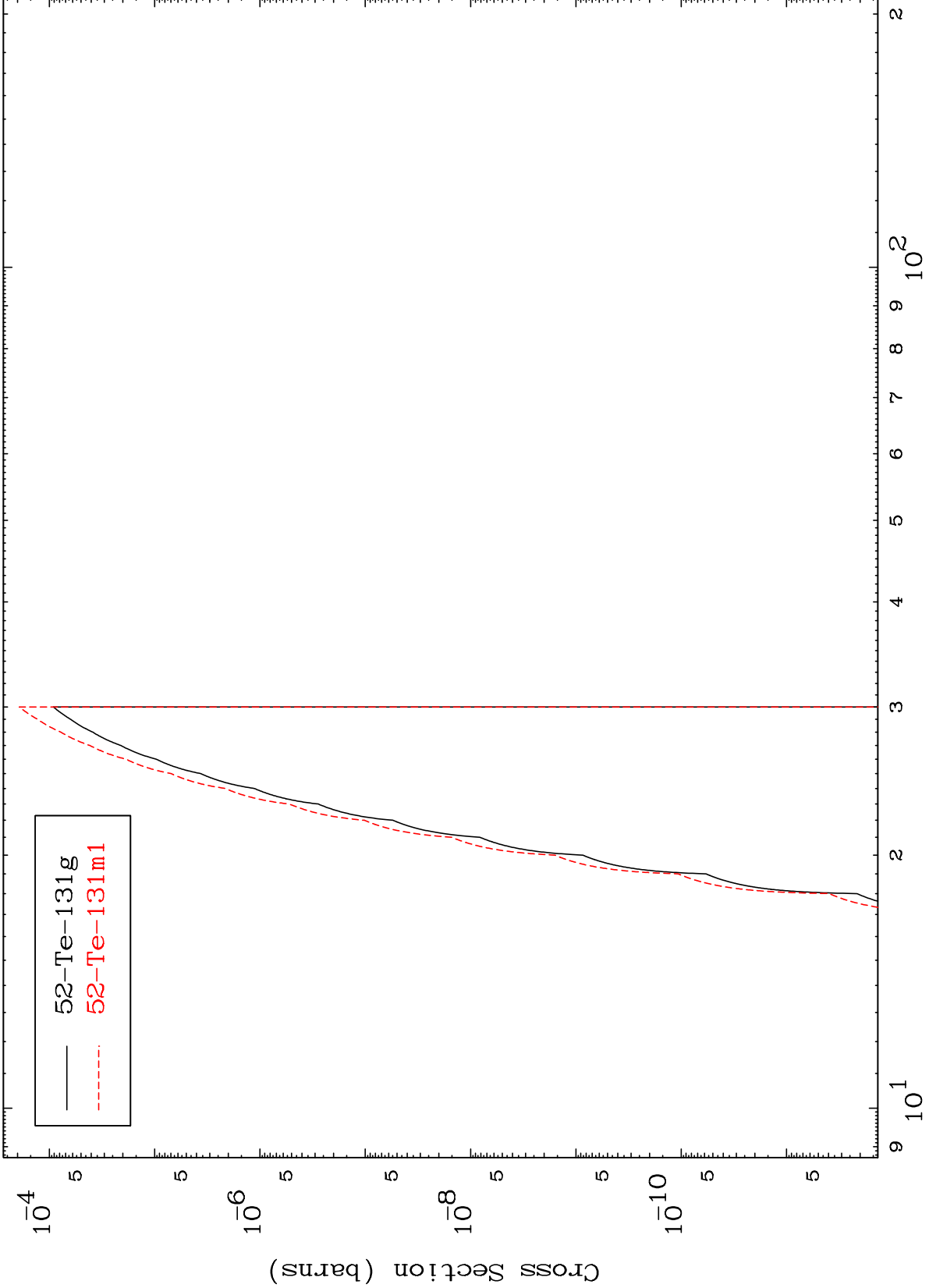
54-Xe-133m

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(n,He-3)

54-Xe-133m

Radionuclide Production Cross Section



52-Te-131g  
52-Te-131m1

Incident Energy (MeV)

54-Xe-133m

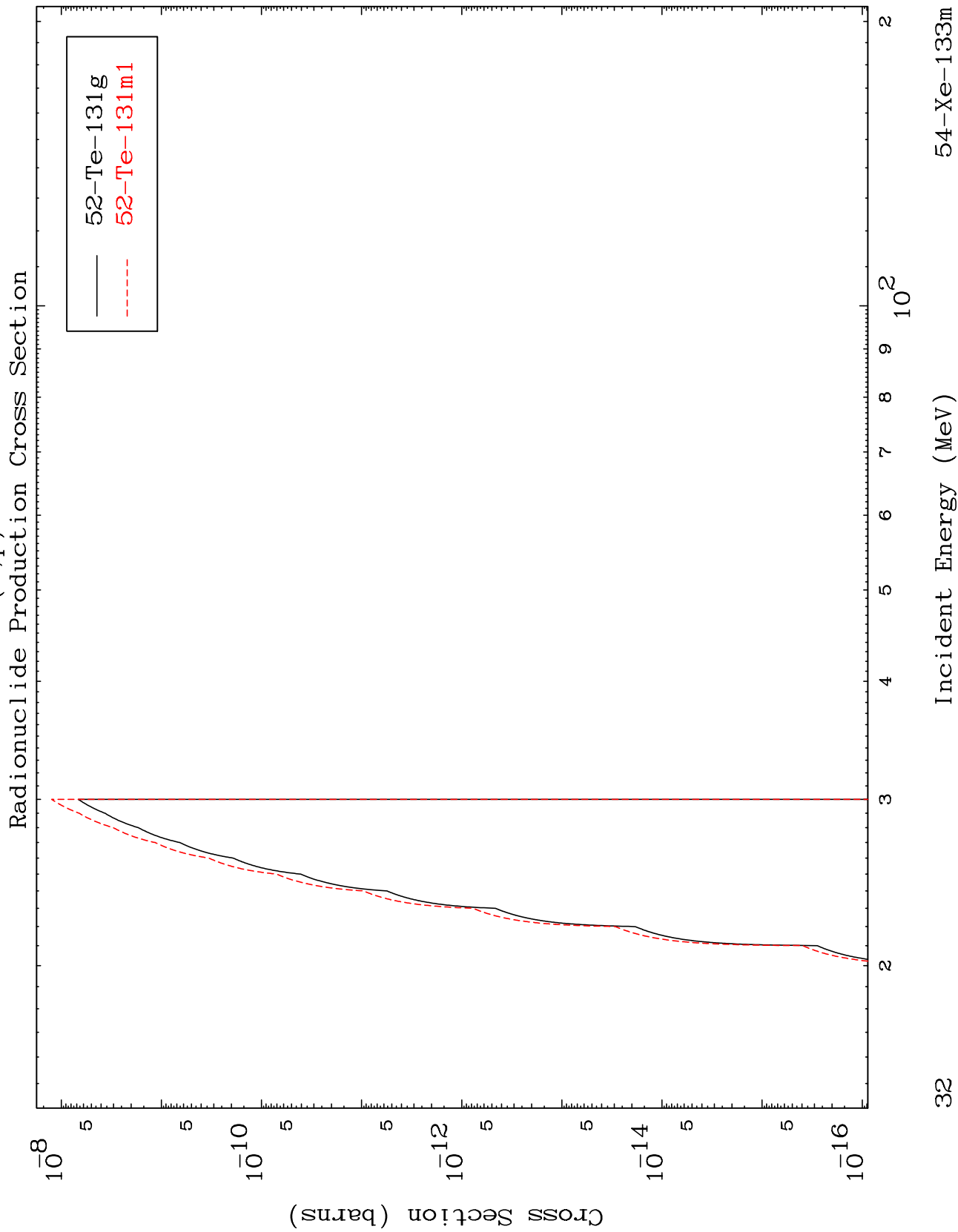
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MAT 5453

(n,p) d

54-Xe-133m



32

54-Xe-133m