

Program EVALPLOT  
(Version 2021-1)

by

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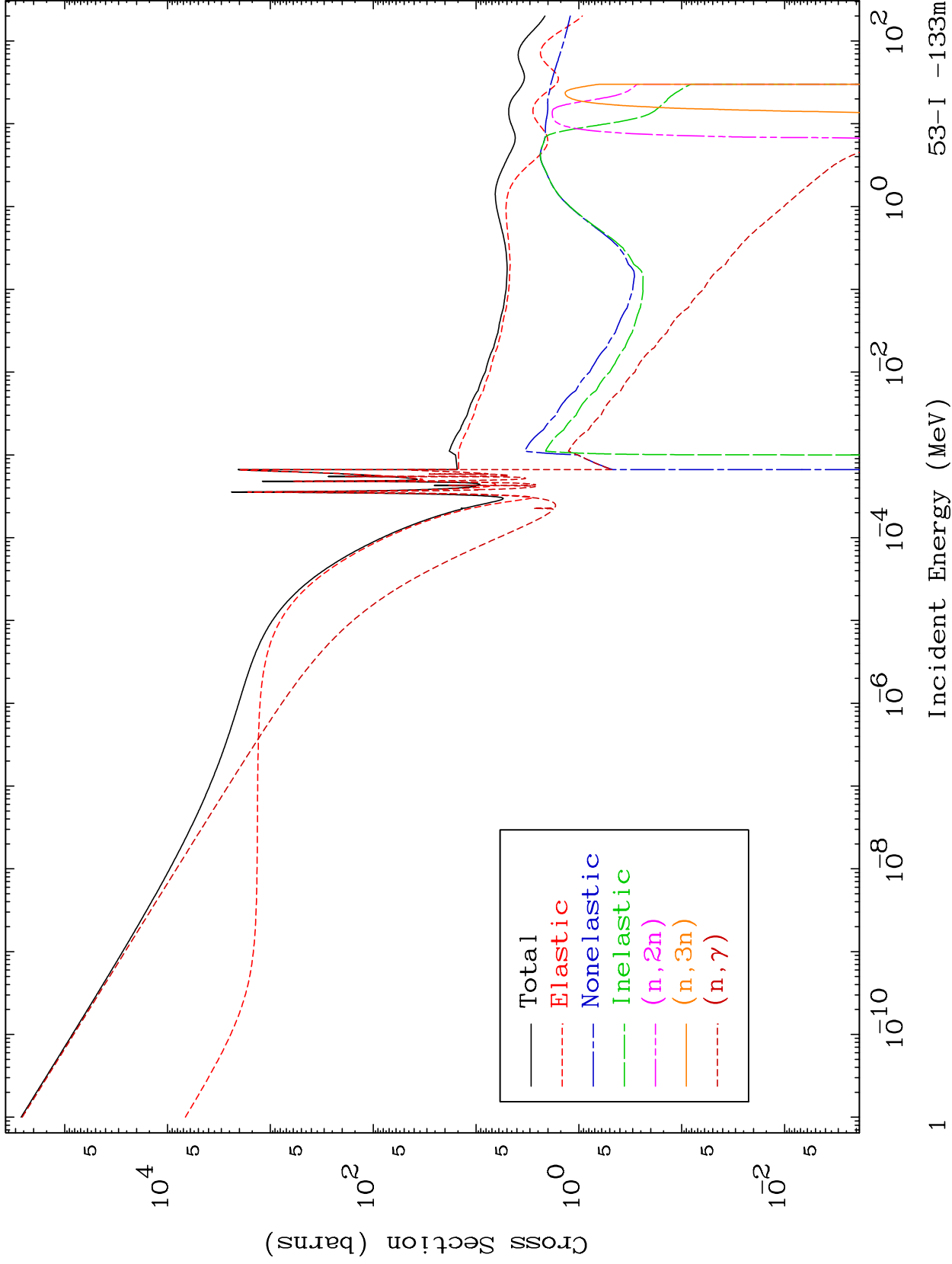
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5344

Neutron Major  
293 Kelvin Cross Sections

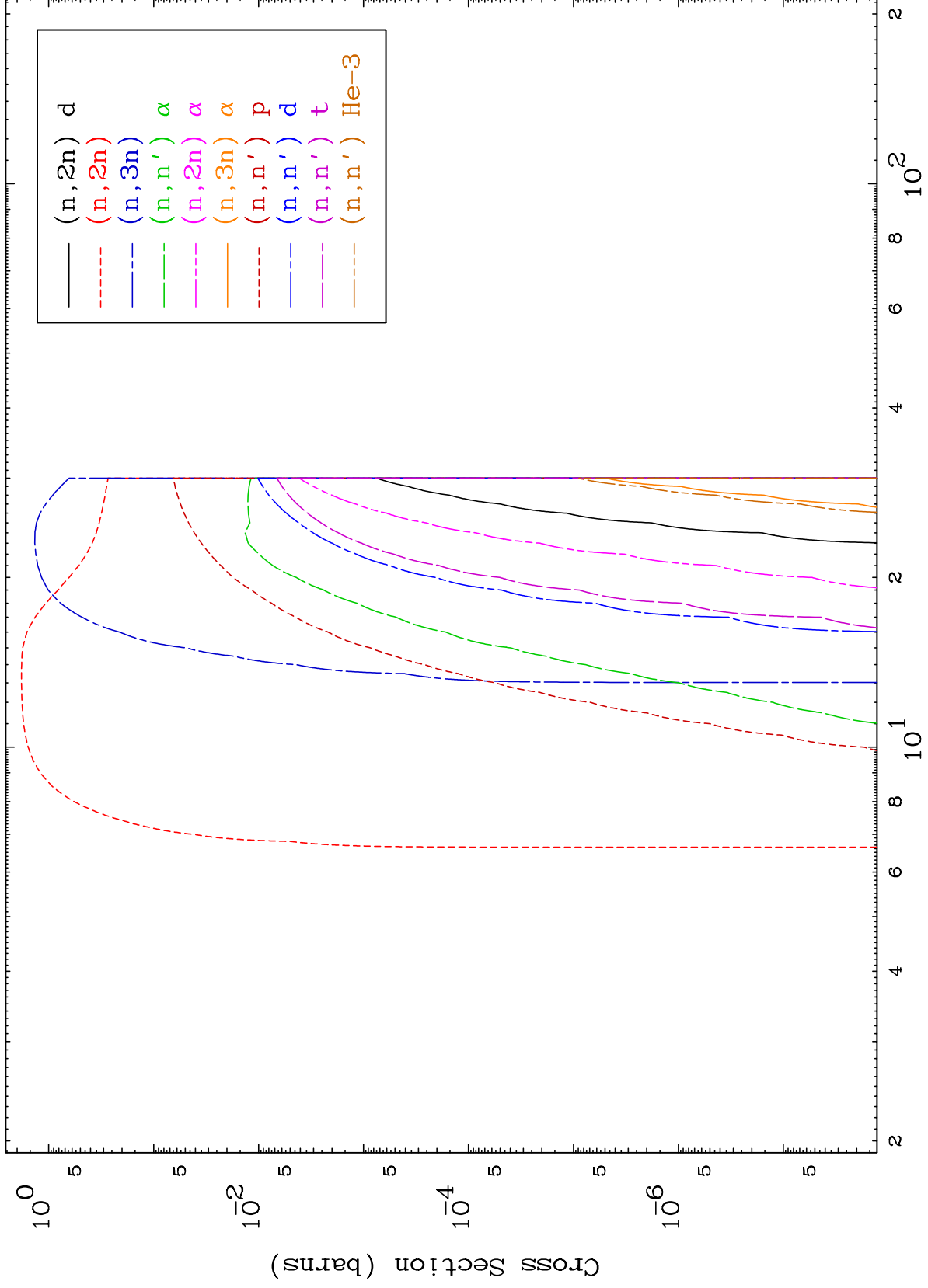
53-I -133m



MAT 5344

Neutron Absorption  
293 Kelvin Cross Sections

53-I -133m



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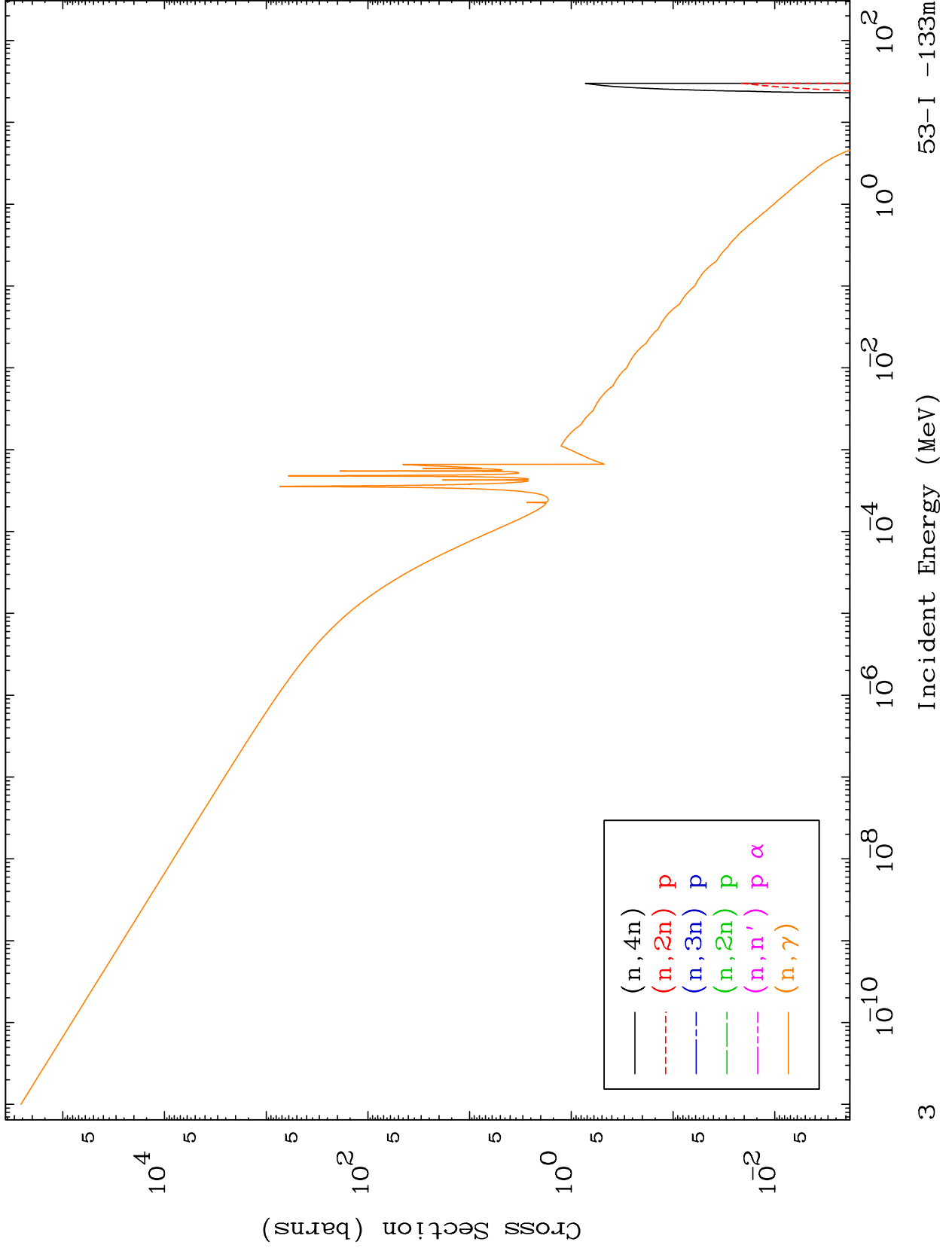
Incident Energy (MeV)

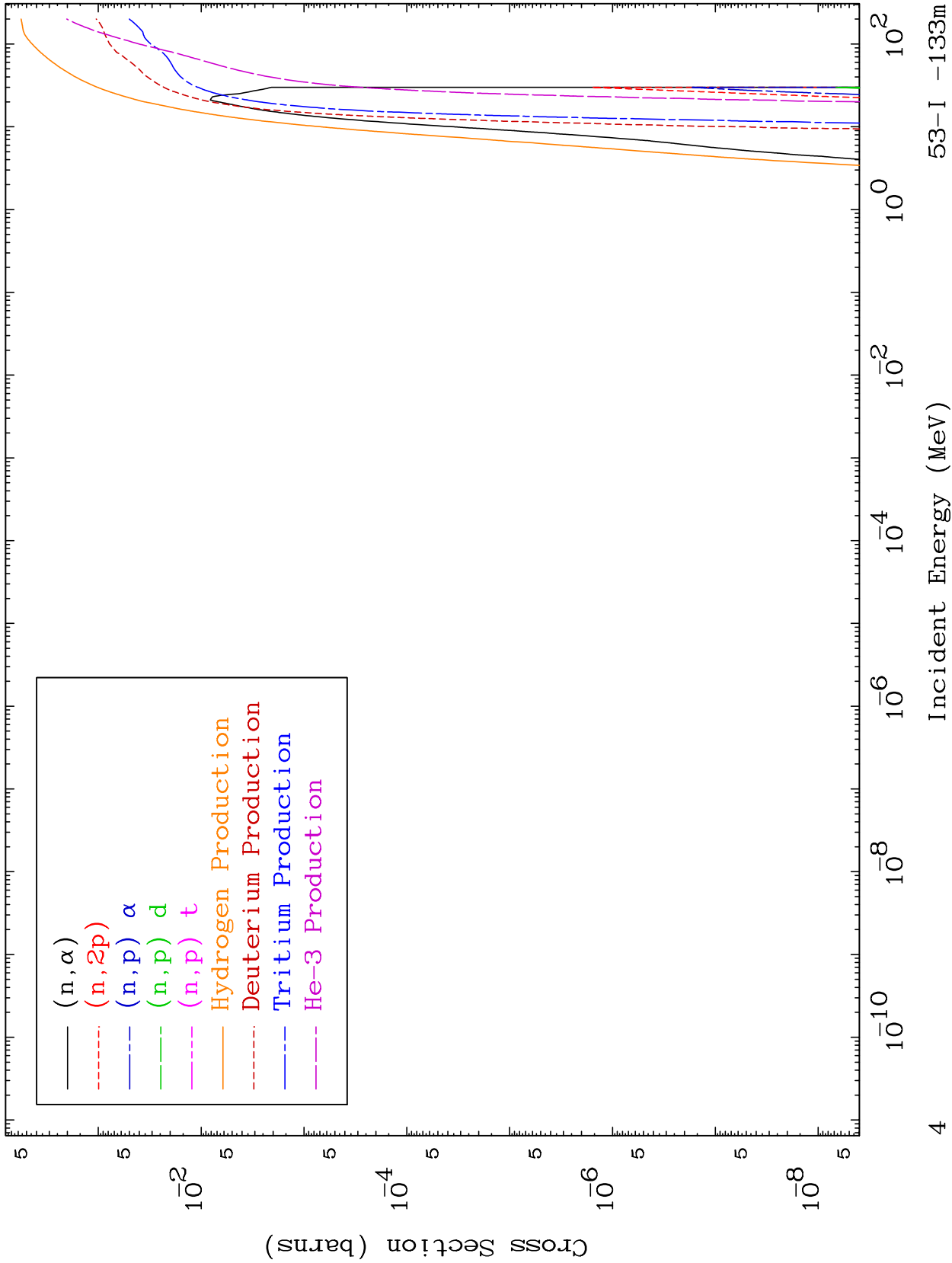
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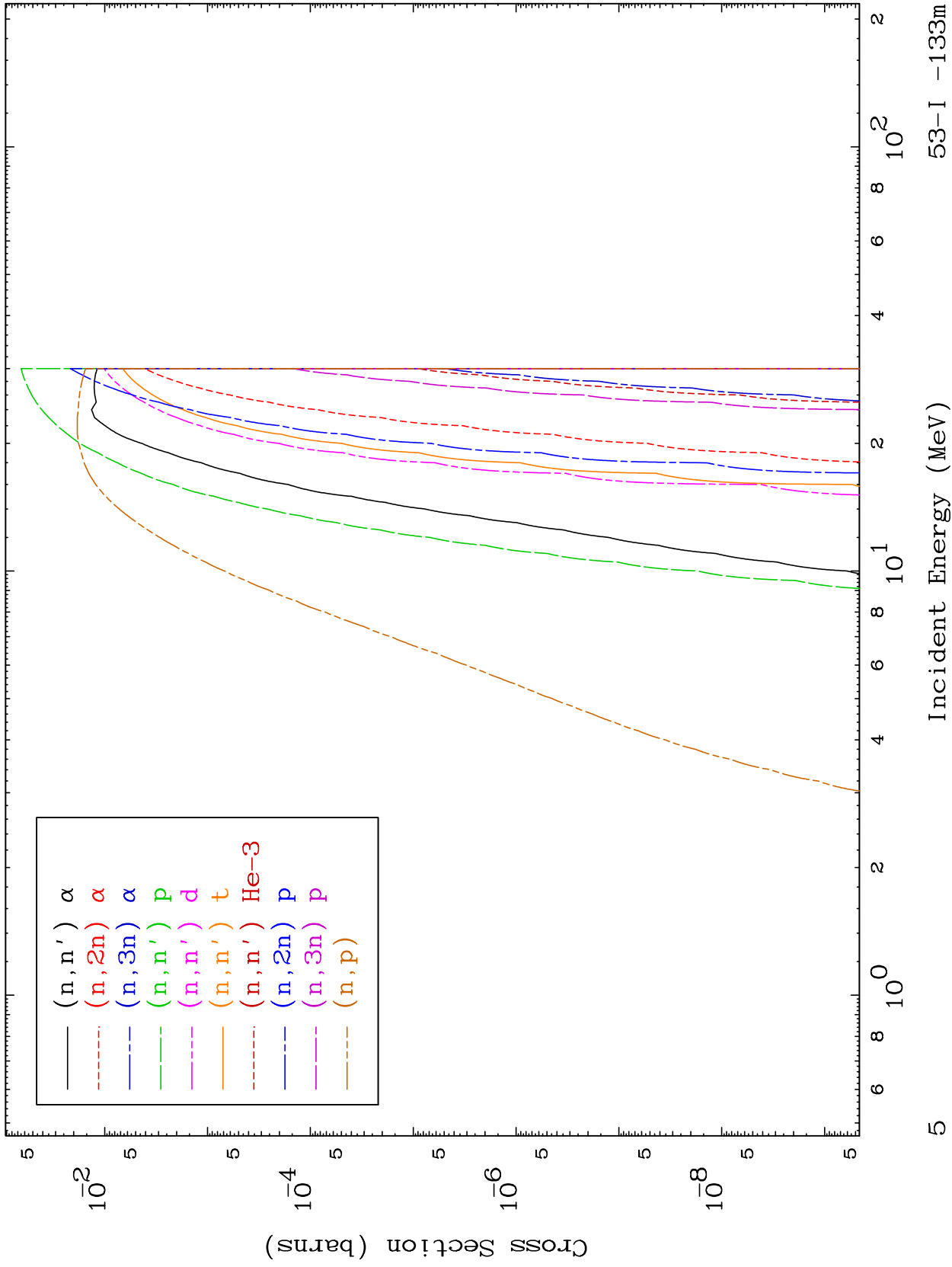
MAT 5344

Neutron Absorption  
293 Kelvin Cross Sections

53-I -133m



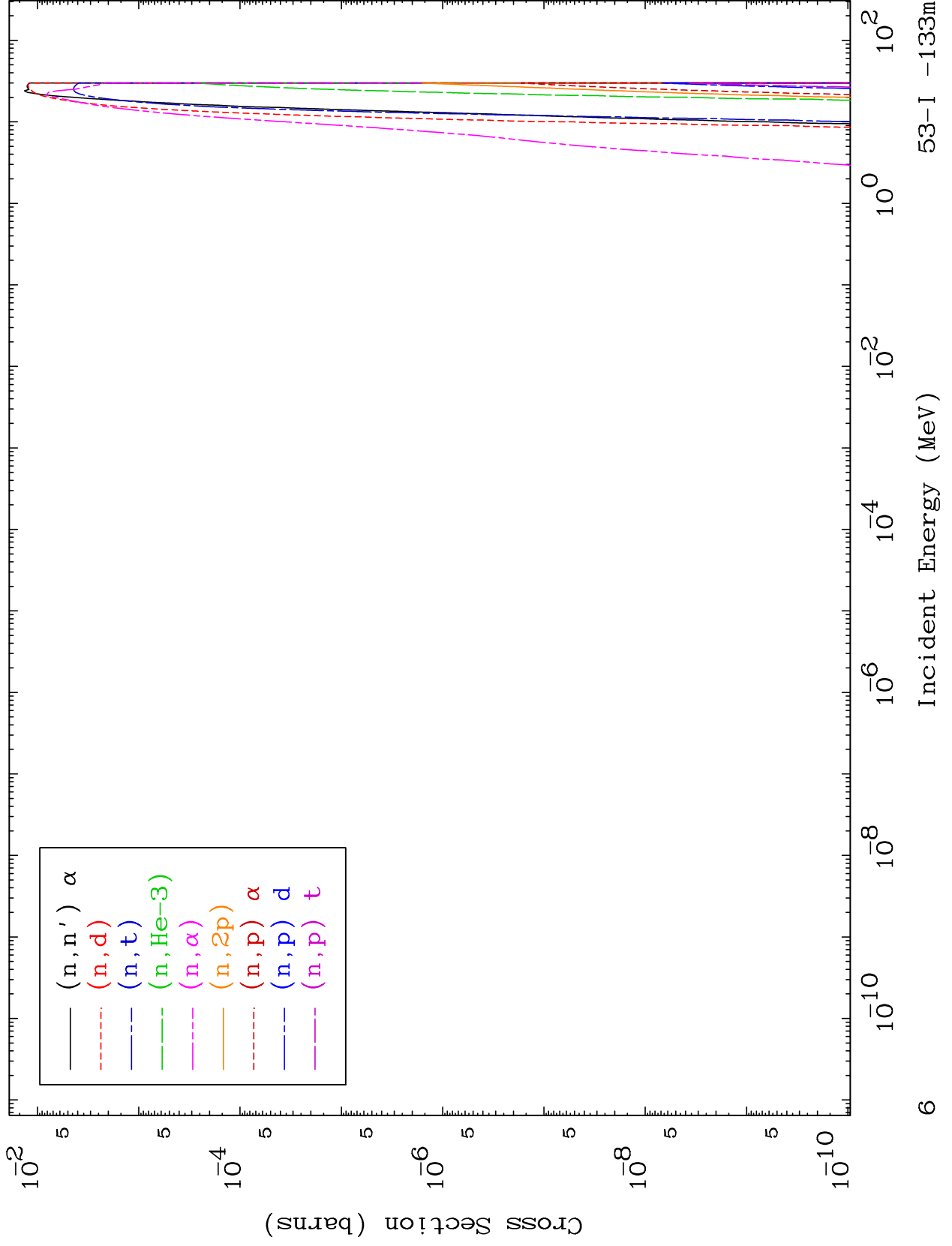


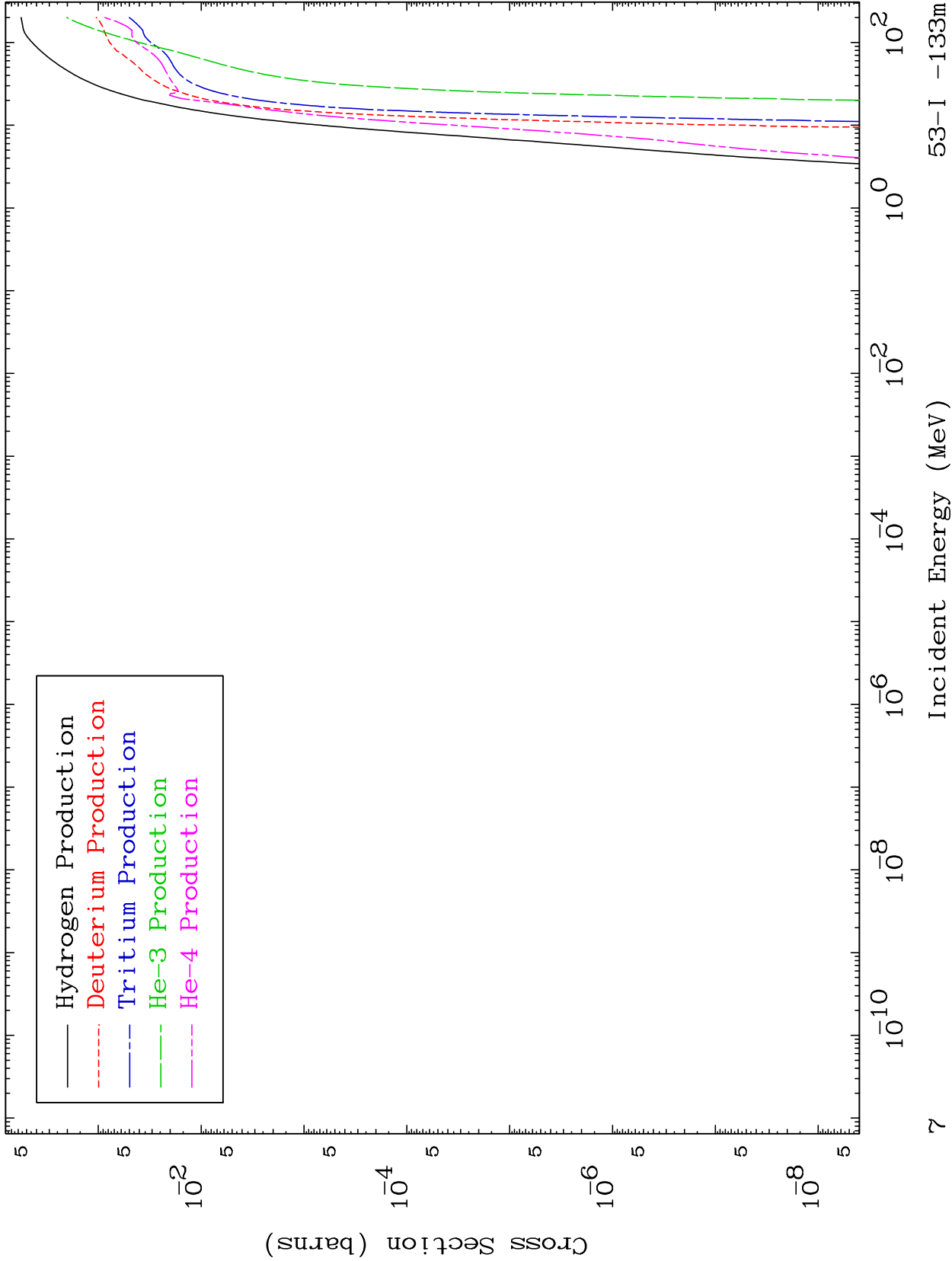


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Charged Particle  
293 Kelvin Cross Sections

53-I -133m



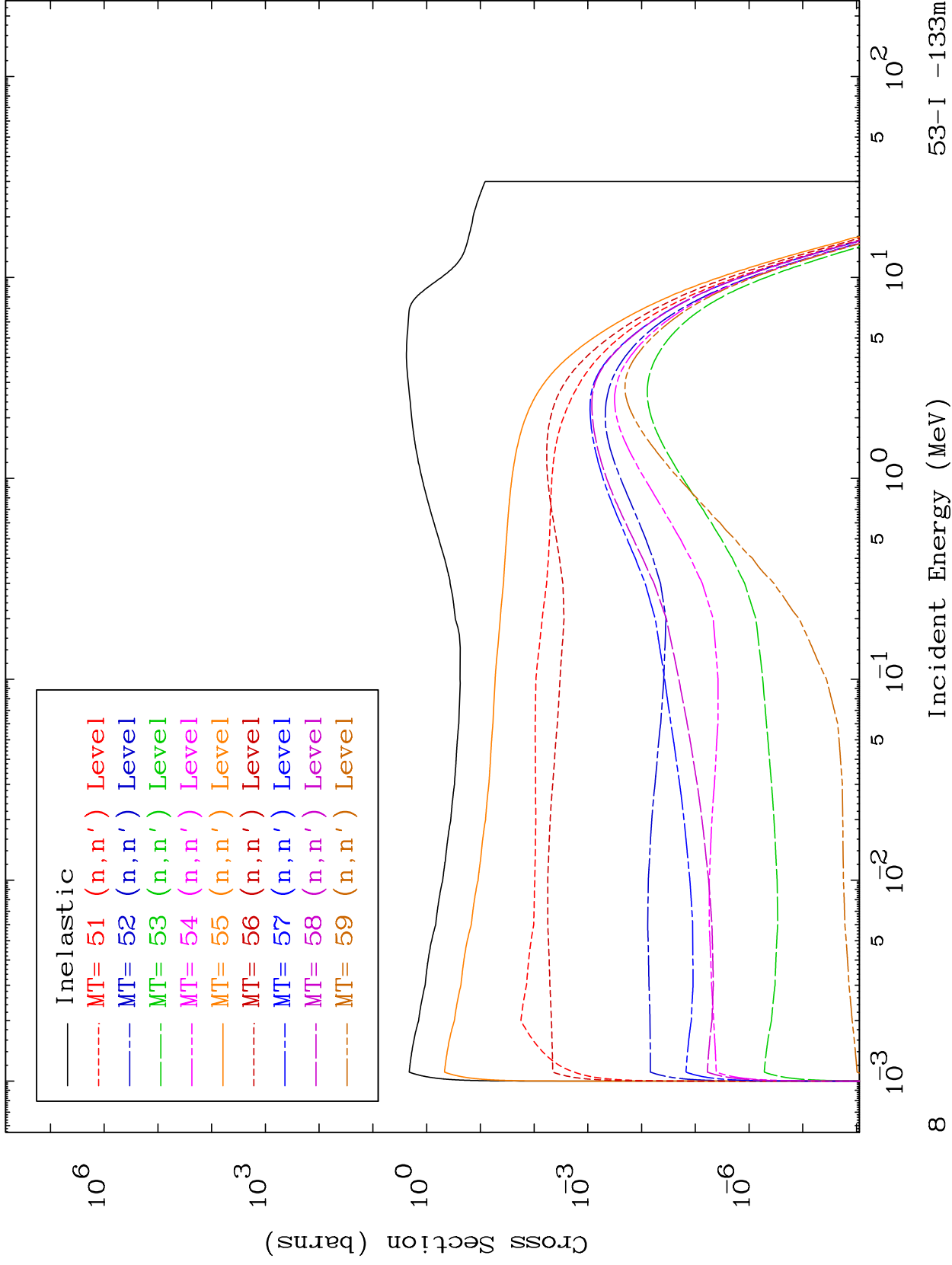




MAT 5344

(n,n') Levels  
293 Kelvin Cross Sections

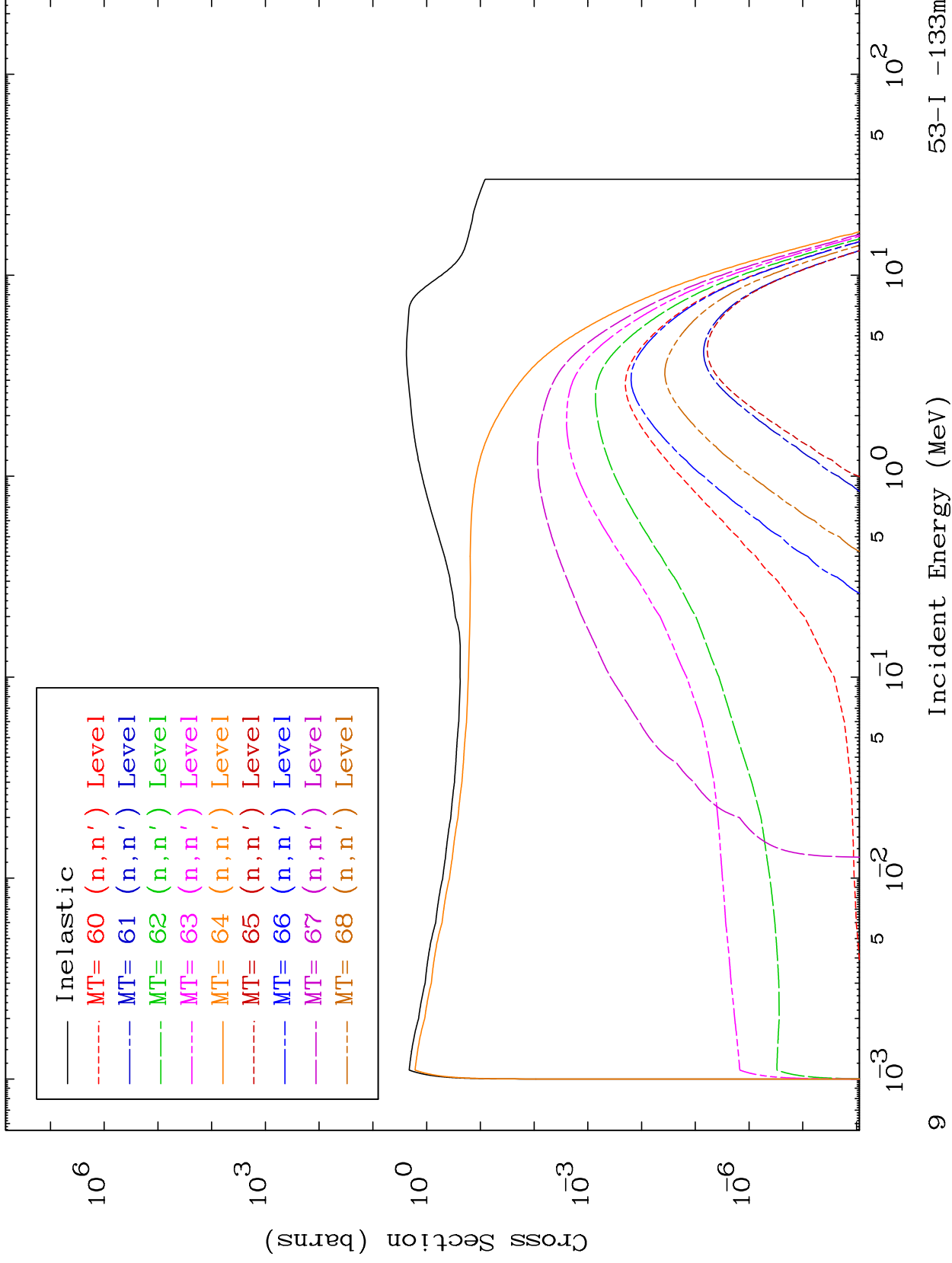
53-I -133m



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(n,n') Levels  
293 Kelvin Cross Sections

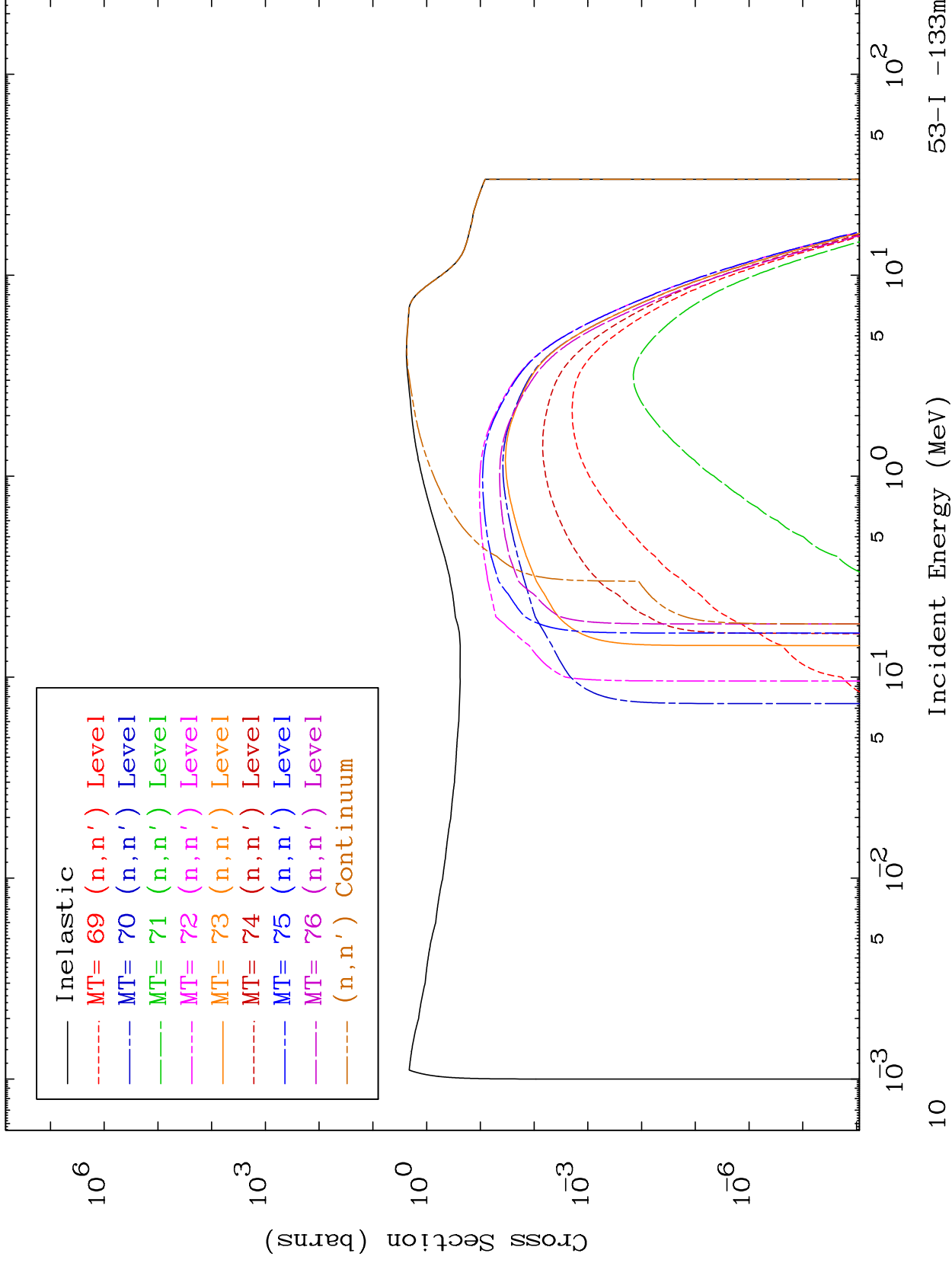
53-I -133m



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(n,n') Levels  
293 Kelvin Cross Sections

53-I -133m



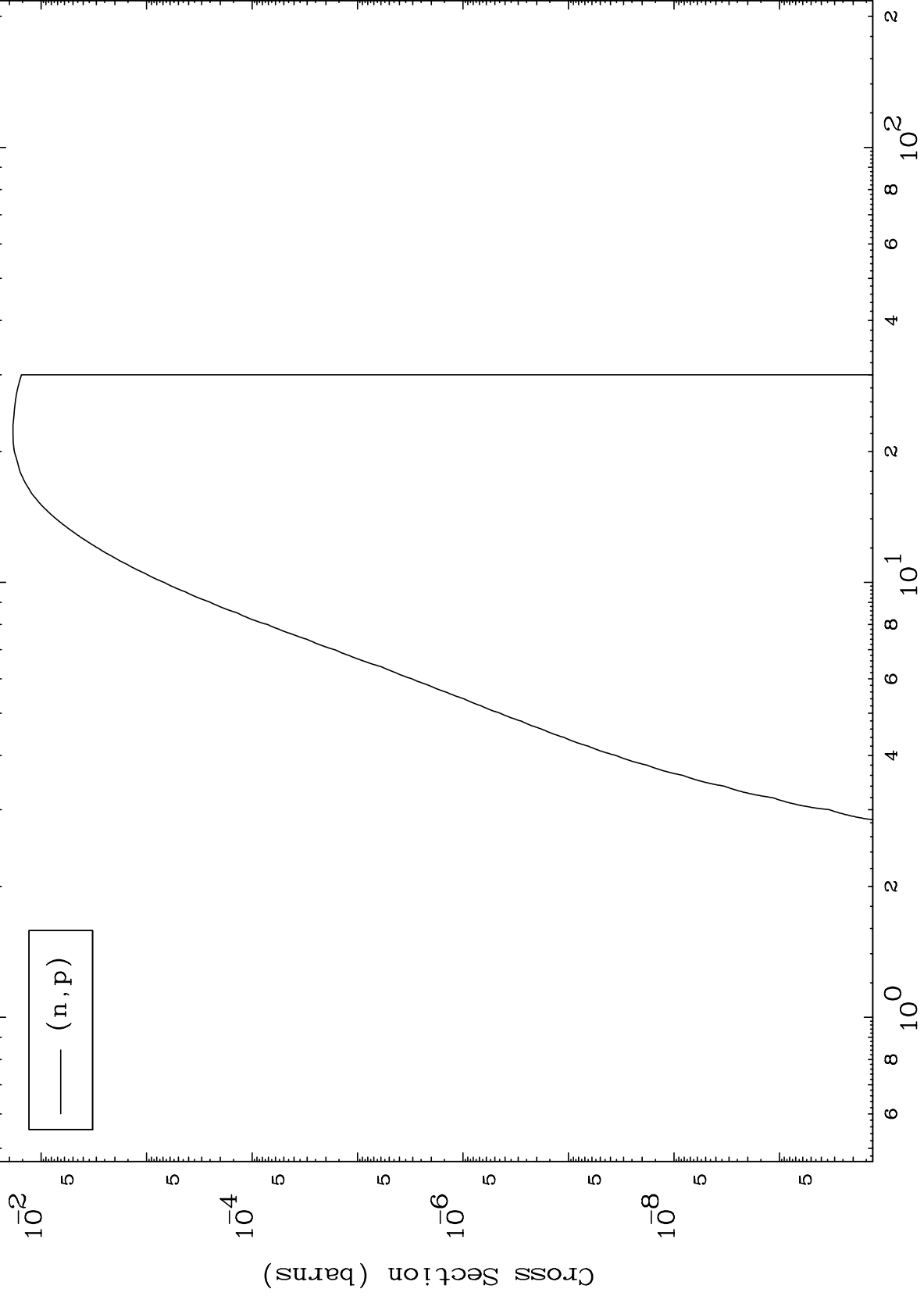
53-I -133m

Incident Energy (MeV)

MAT 5344

(n,p) Levels  
293 Kelvin Cross Sections

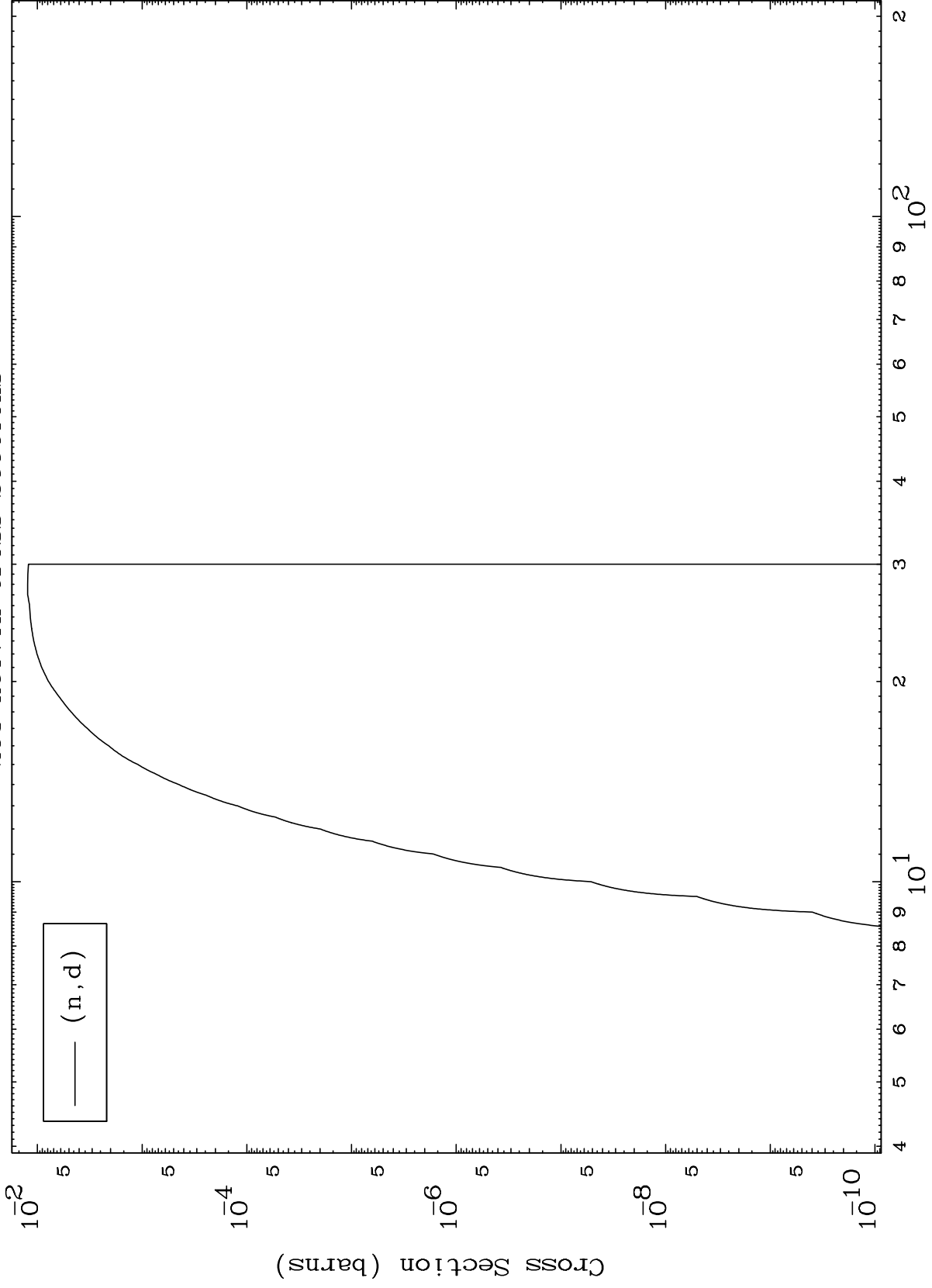
53-I -133m



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(n,d) Levels  
293 Kelvin Cross Sections

53-I -133m



(n,d)

12

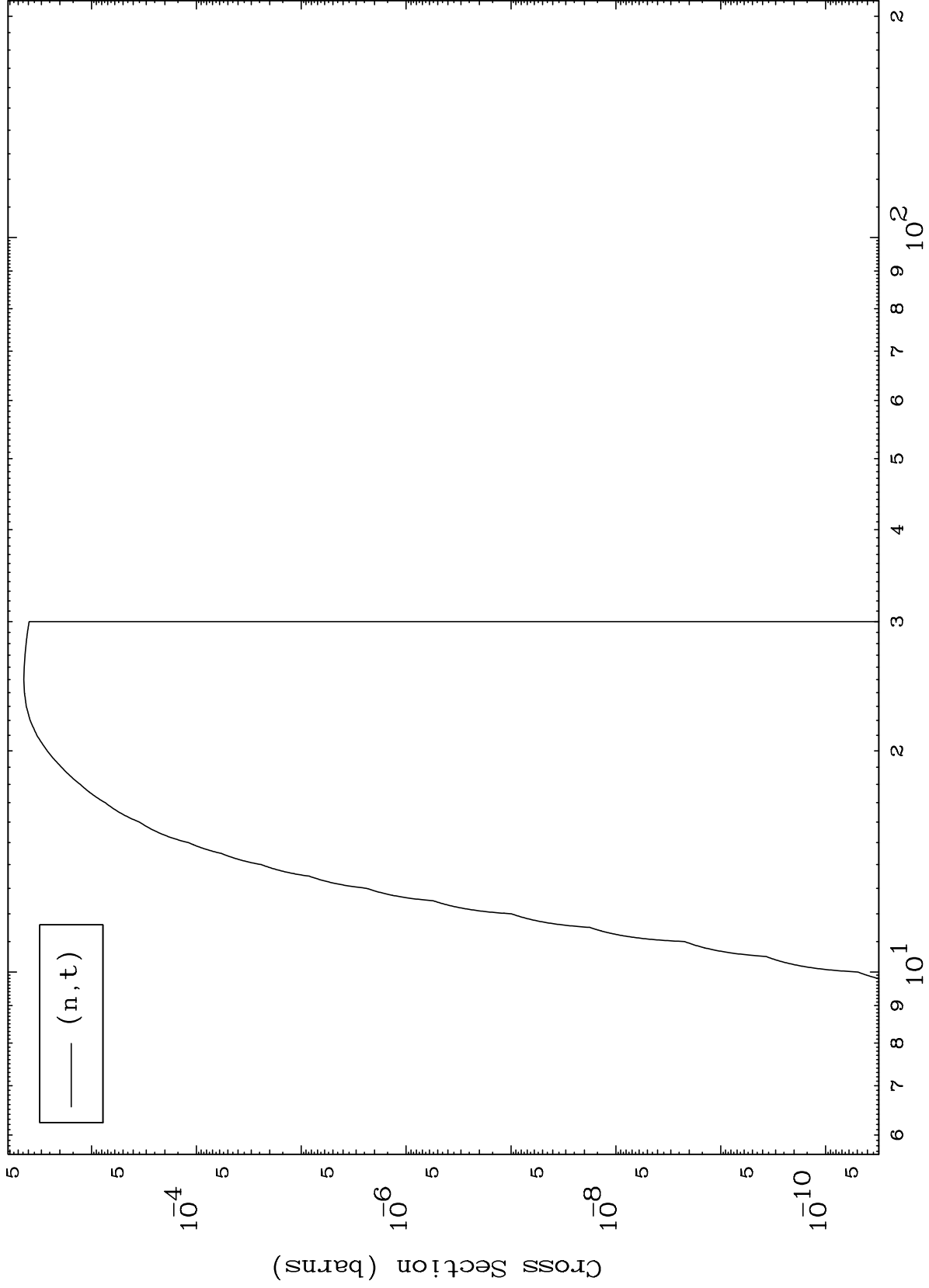
Incident Energy (MeV)

53-I -133m

MAT 5344

(n, t) Levels  
293 Kelvin Cross Sections

53-I -133m



13

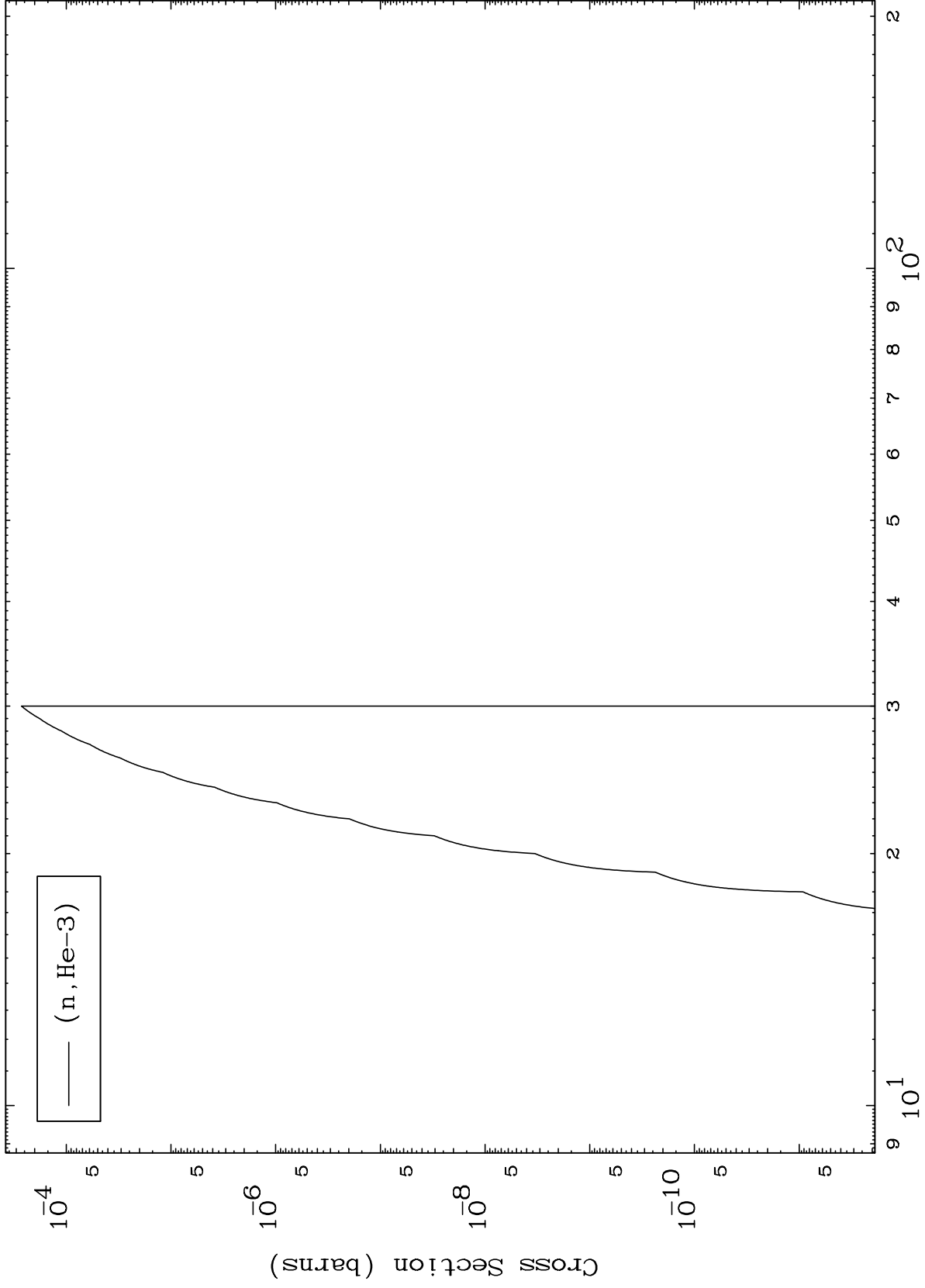
Incident Energy (MeV)

53-I -133m

MAT 5344

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -133m



14

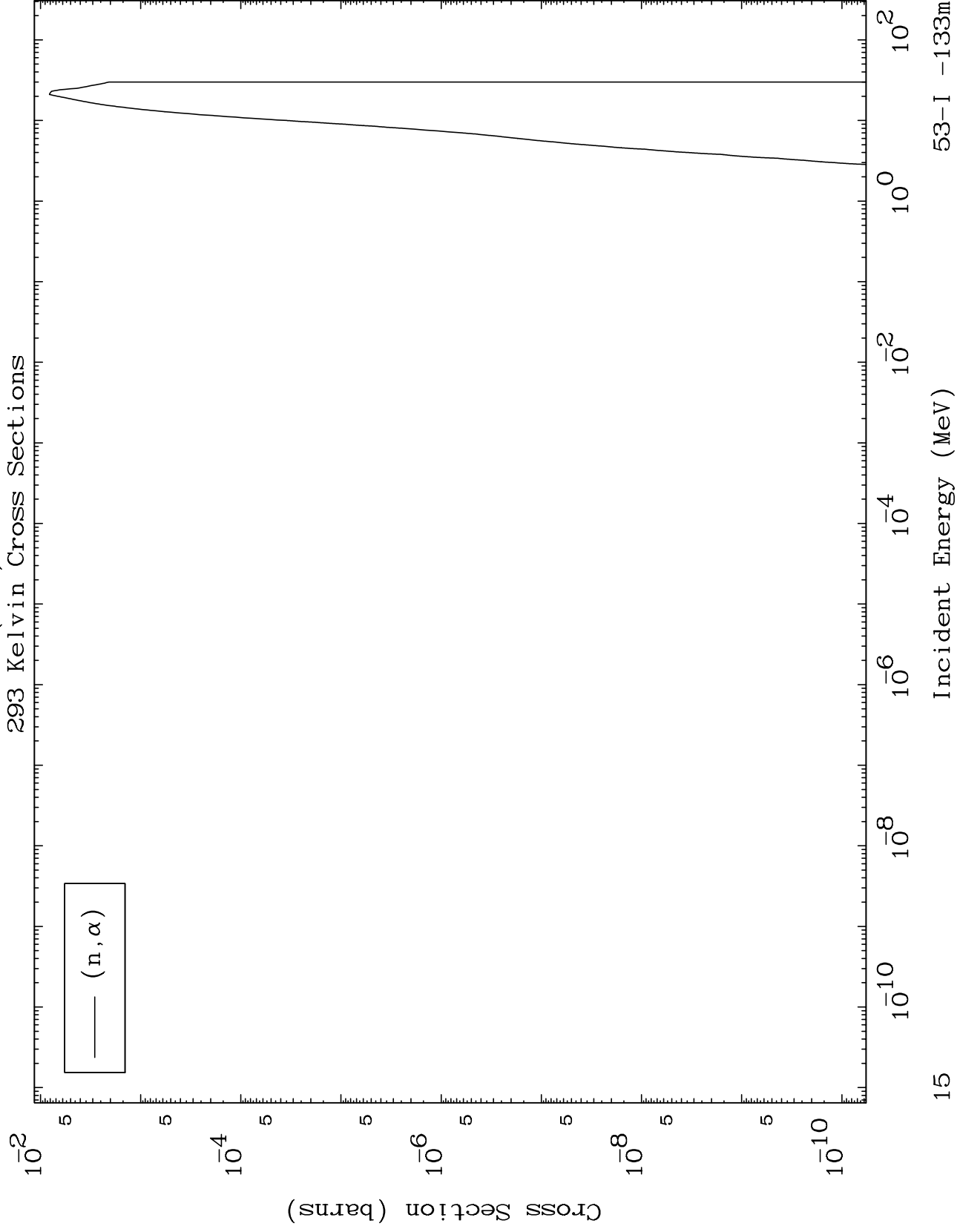
Incident Energy (MeV)

53-I -133m

MAT 5344

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

53-I -133m

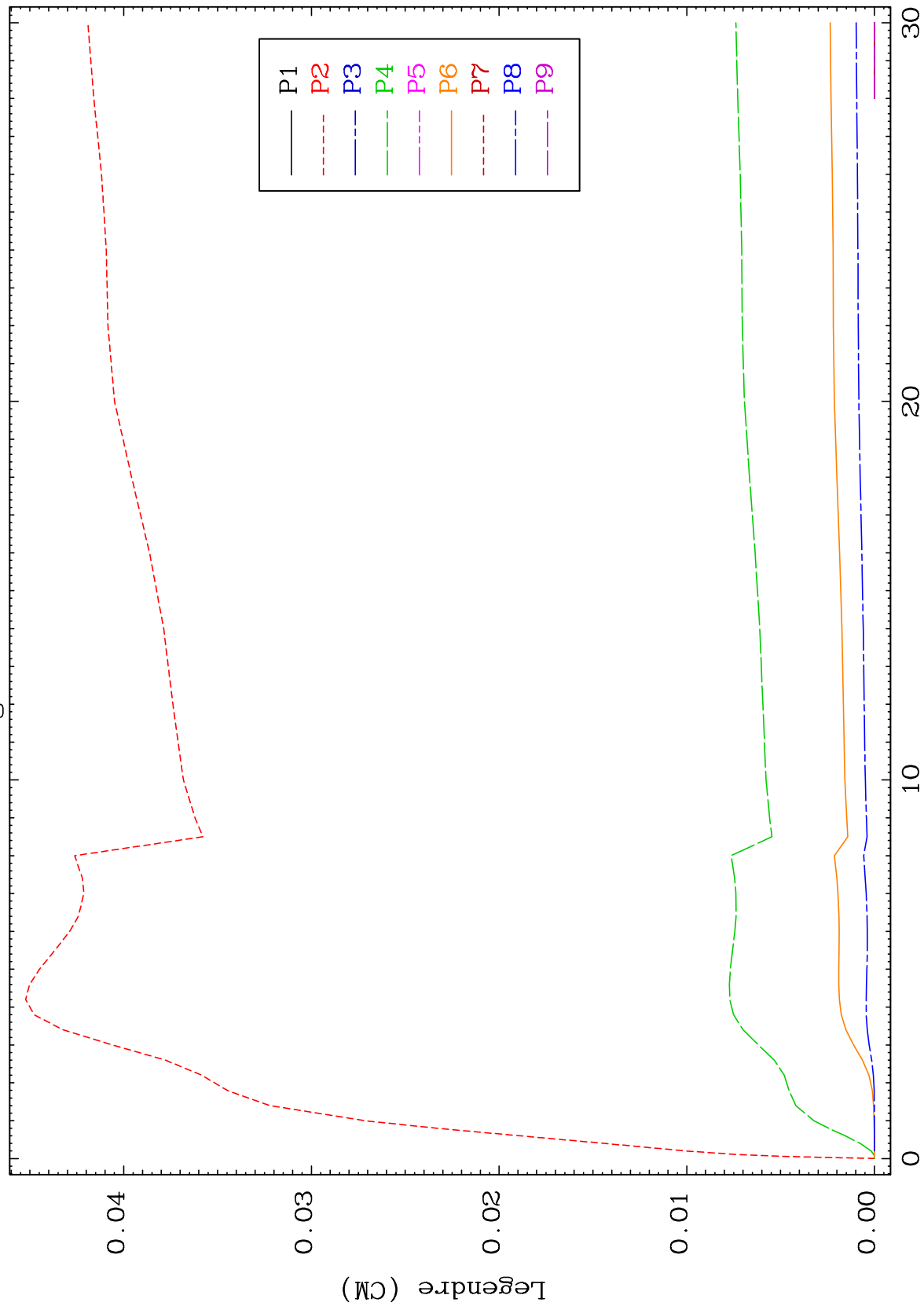




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Elastic Legendre Coefficients

53-I -133m



16

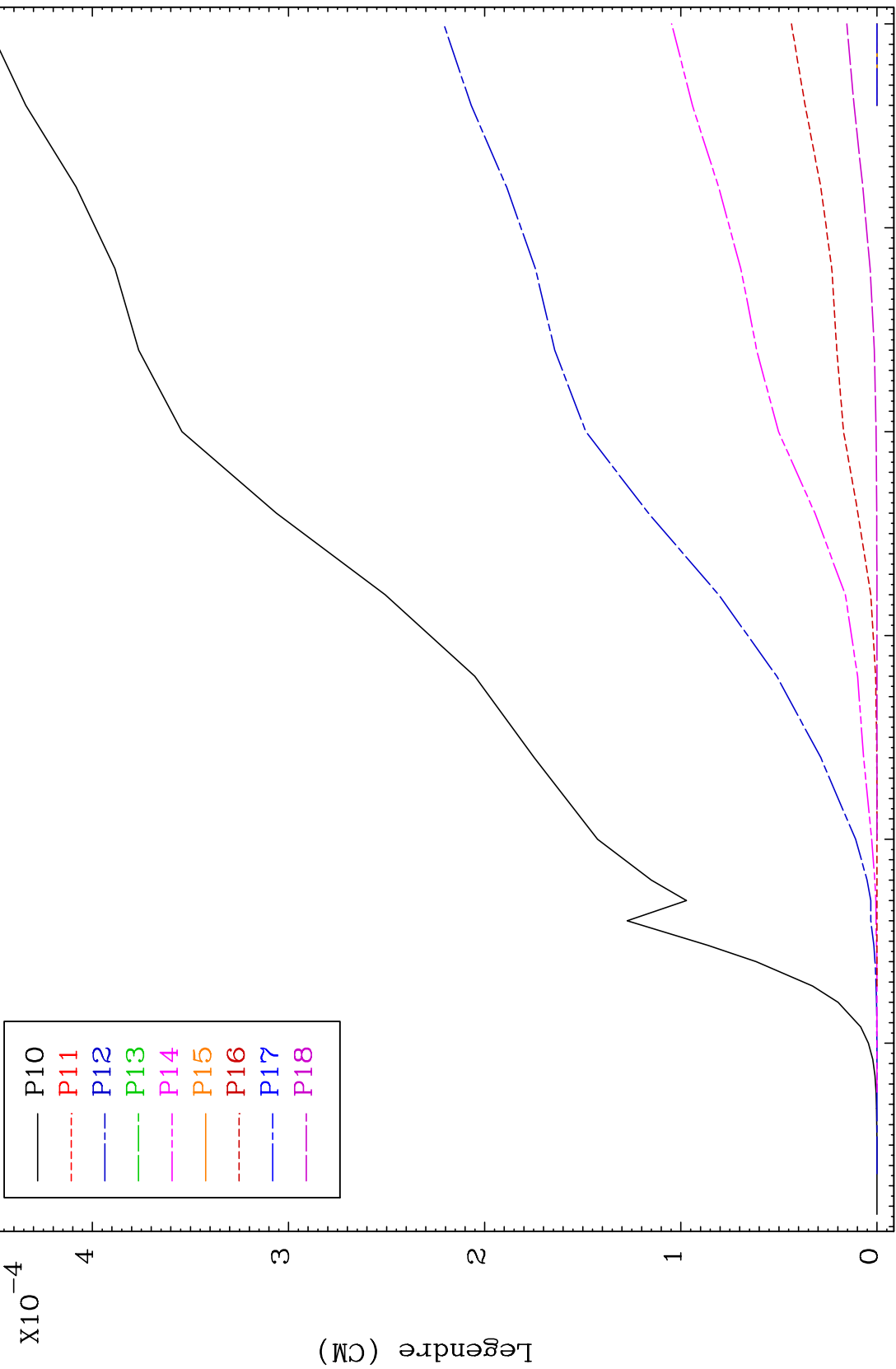
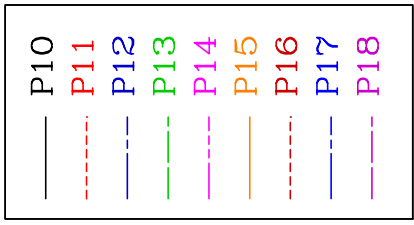
Incident Energy (MeV)

53-I -133m

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Elastic Legendre Coefficients

53-I -133m



17

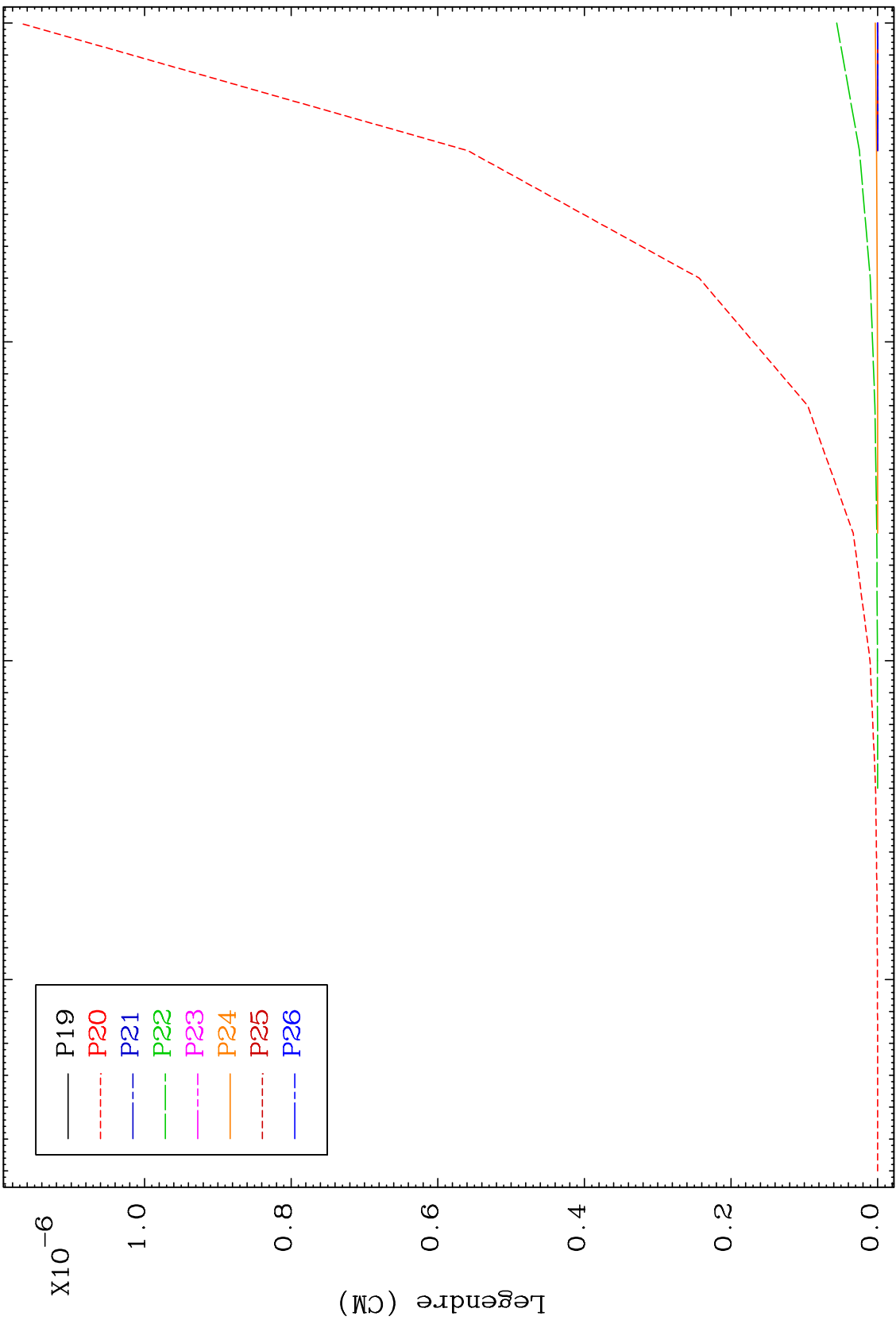
Incident Energy (MeV)

53-I -133m

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Elastic Legendre Coefficients

53-I -133m



18

Incident Energy (MeV)

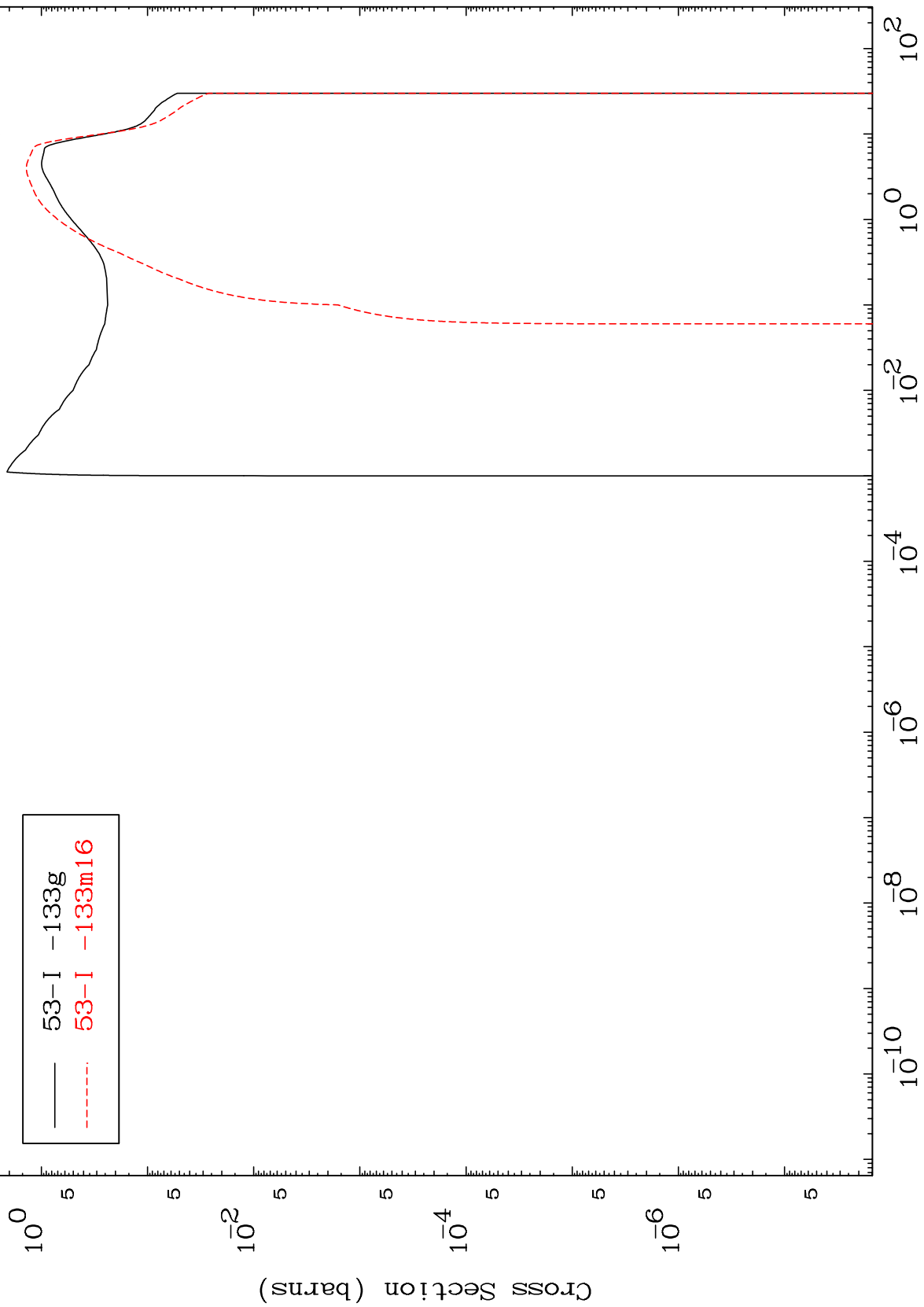
53-I -133m

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Inelastic

53-I -133m

Radionuclide Production Cross Section



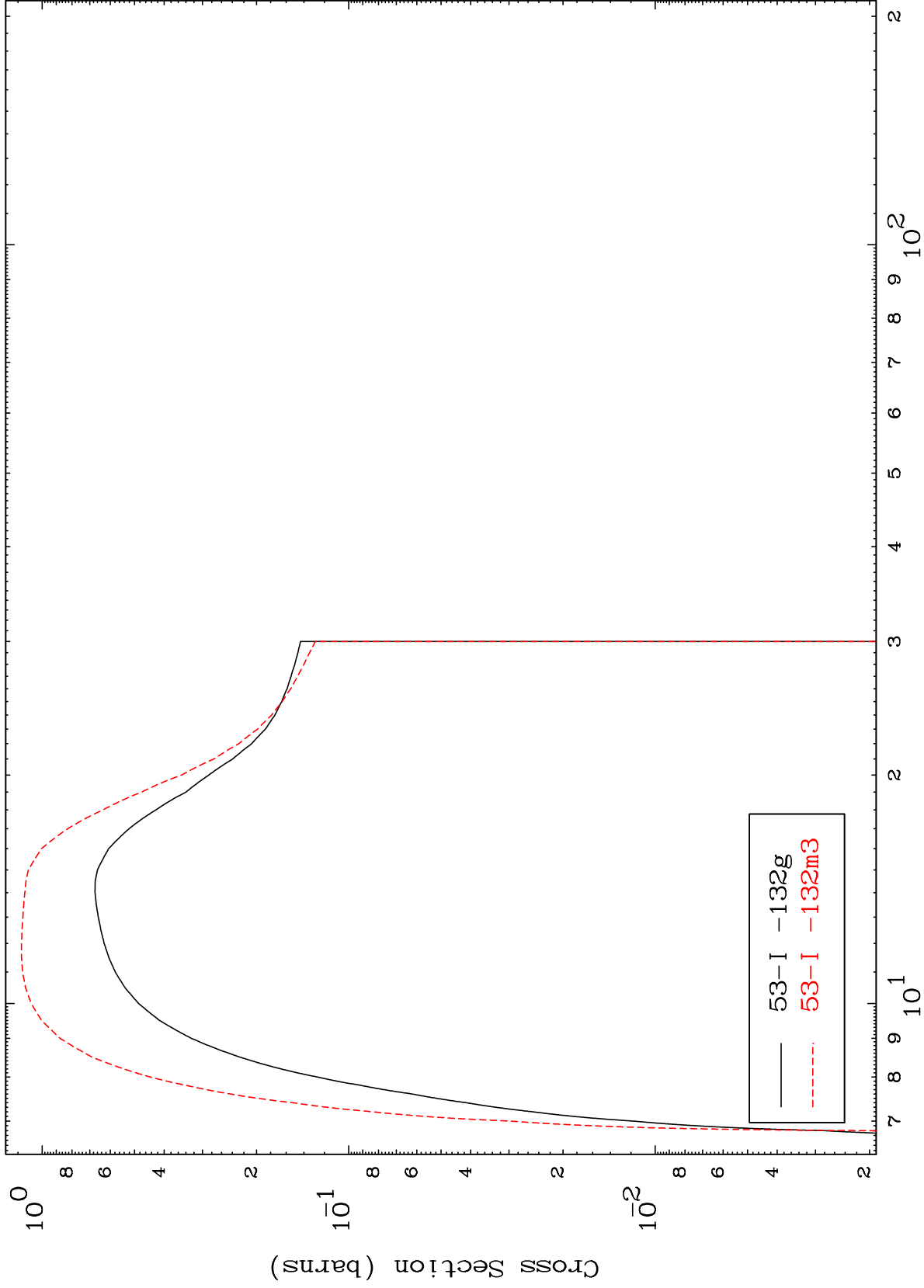
53-I -133g  
53-I -133m16

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(n,2n)

53-I -133m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

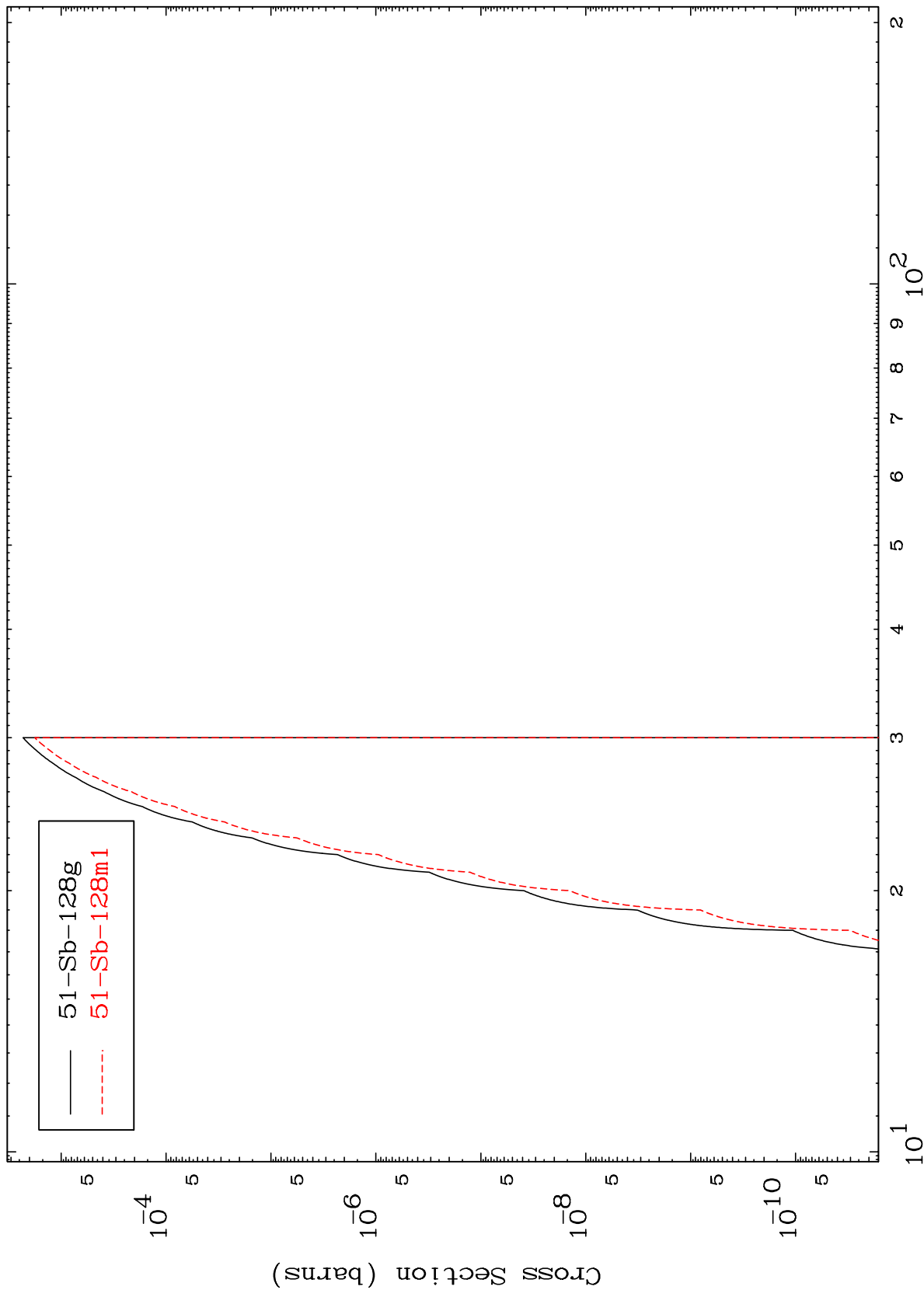
53-I -133m

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(n,2n)  $\alpha$

53-I -133m

Radionuclide Production Cross Section

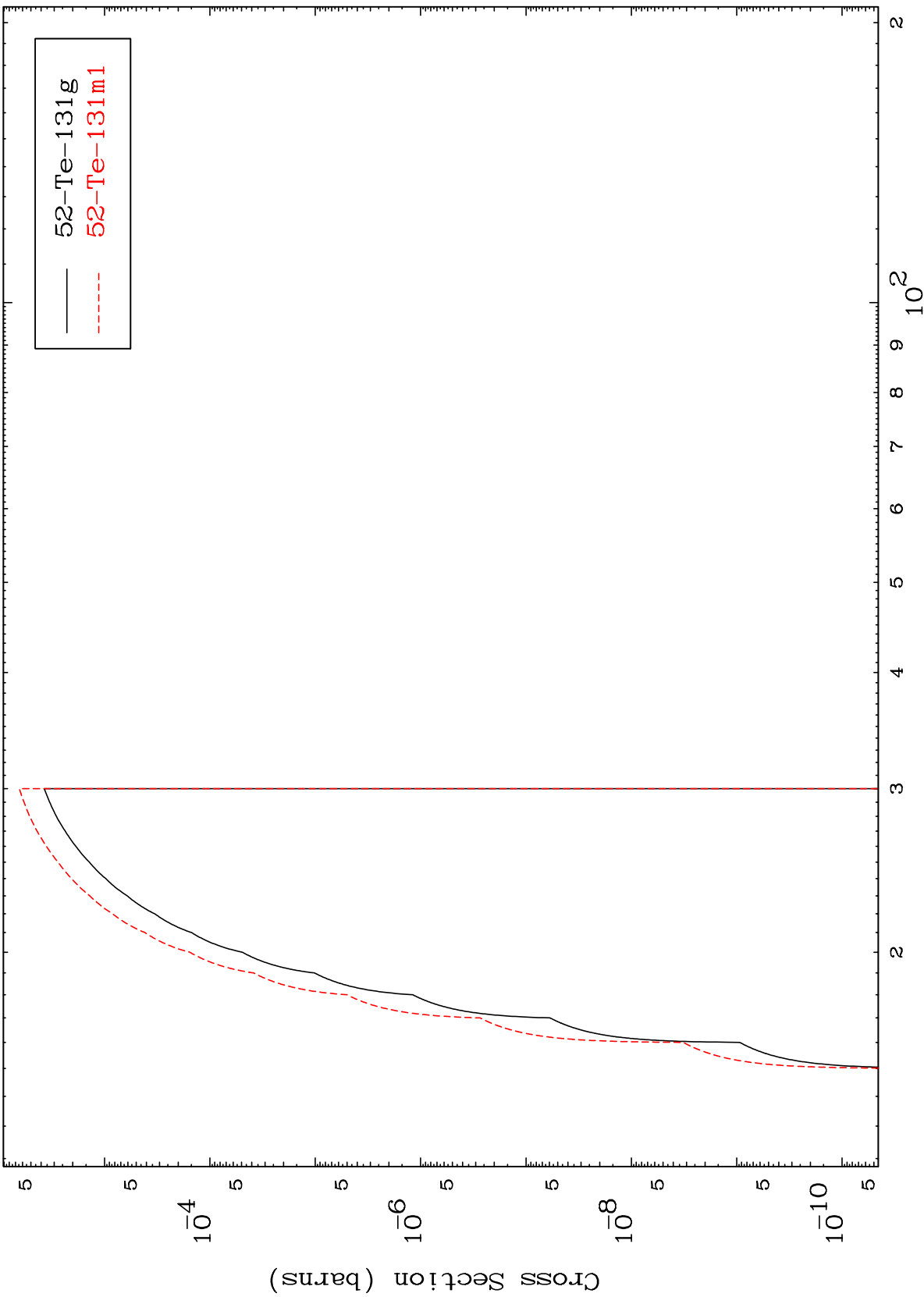


Incident Energy (MeV)

53-I -133m

21

Radionuclide Production Cross Section

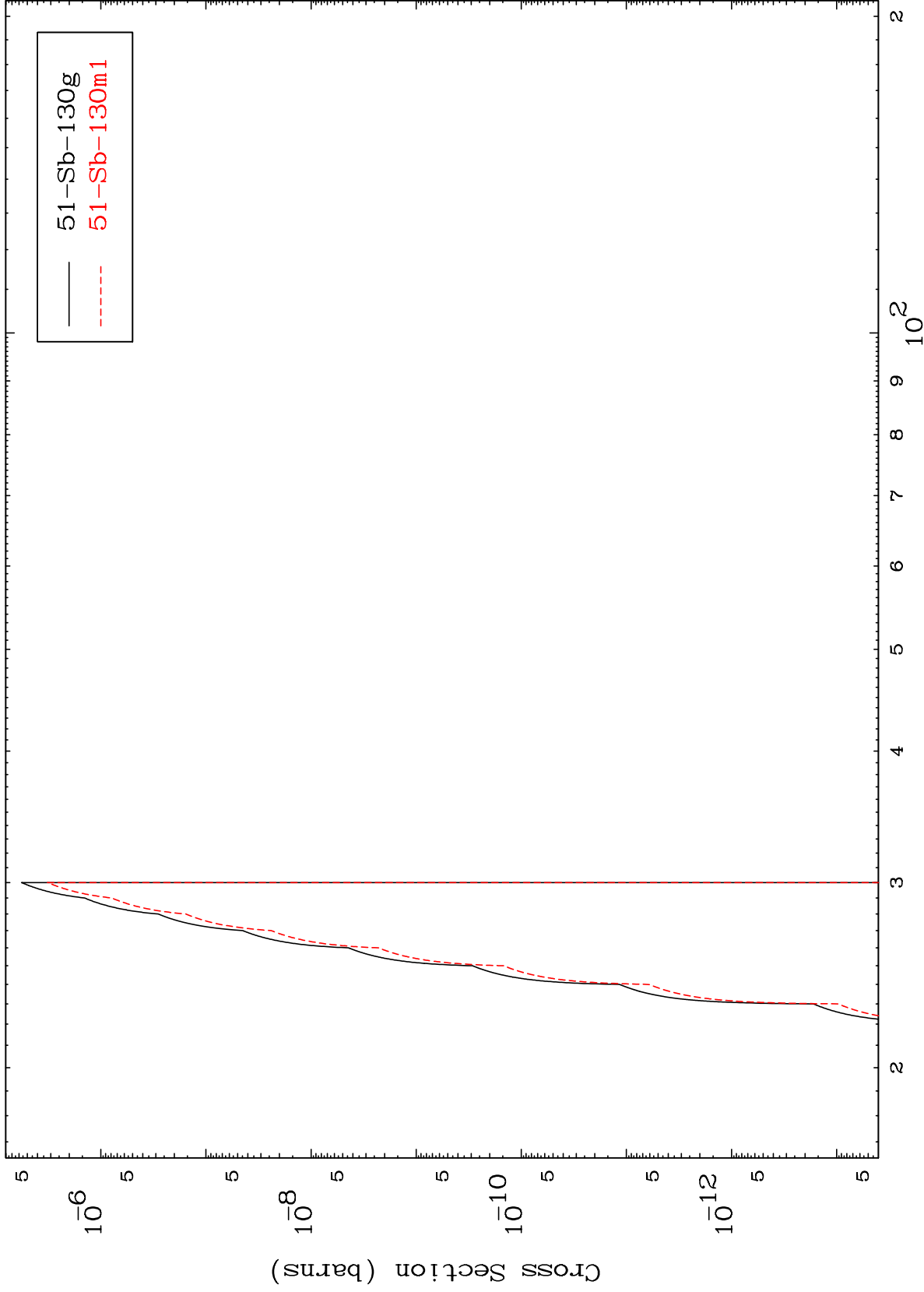


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(n,n') He-3

53-I -133m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

53-I -133m

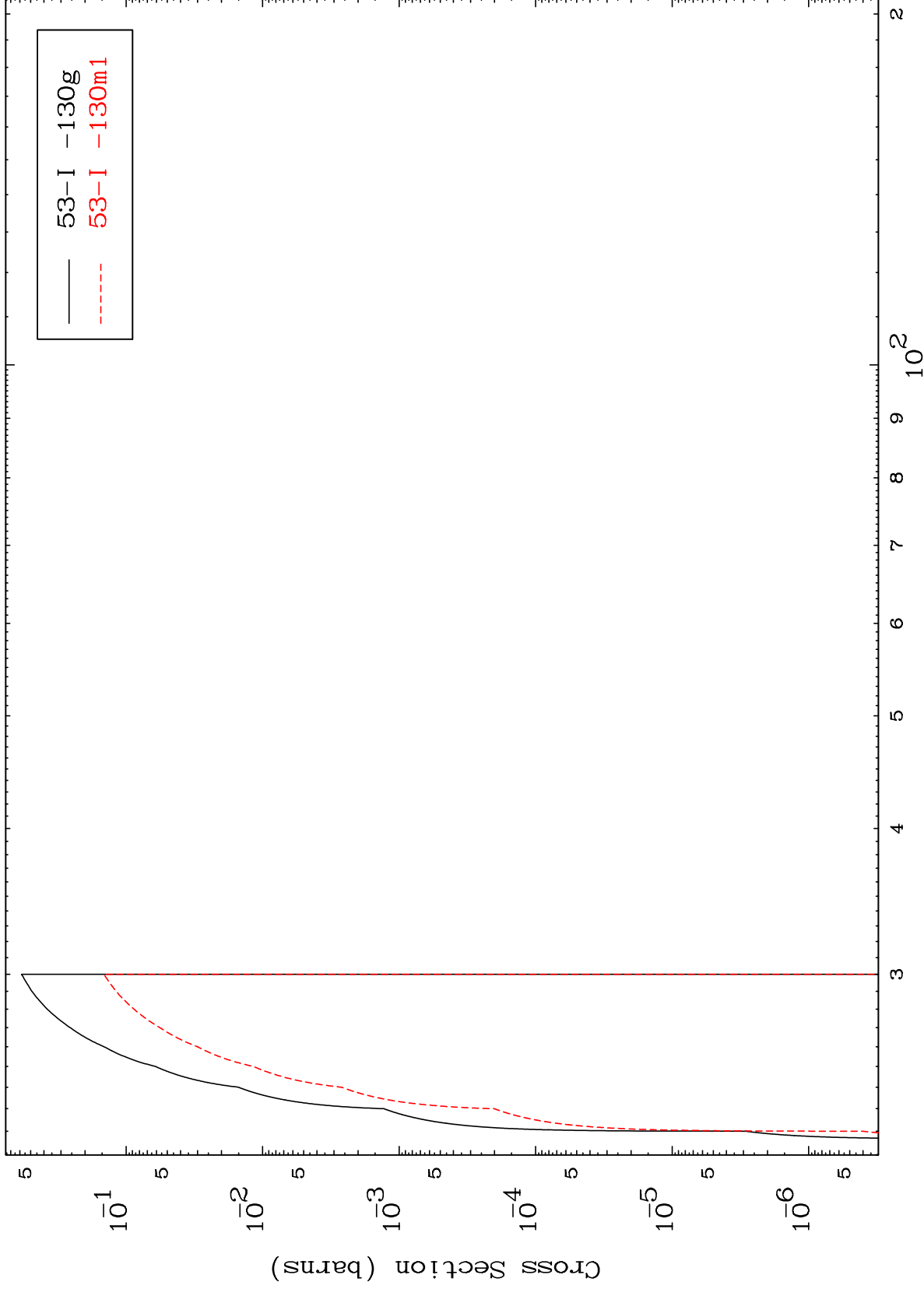


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(n,4n)

53-I -133m

Radionuclide Production Cross Section

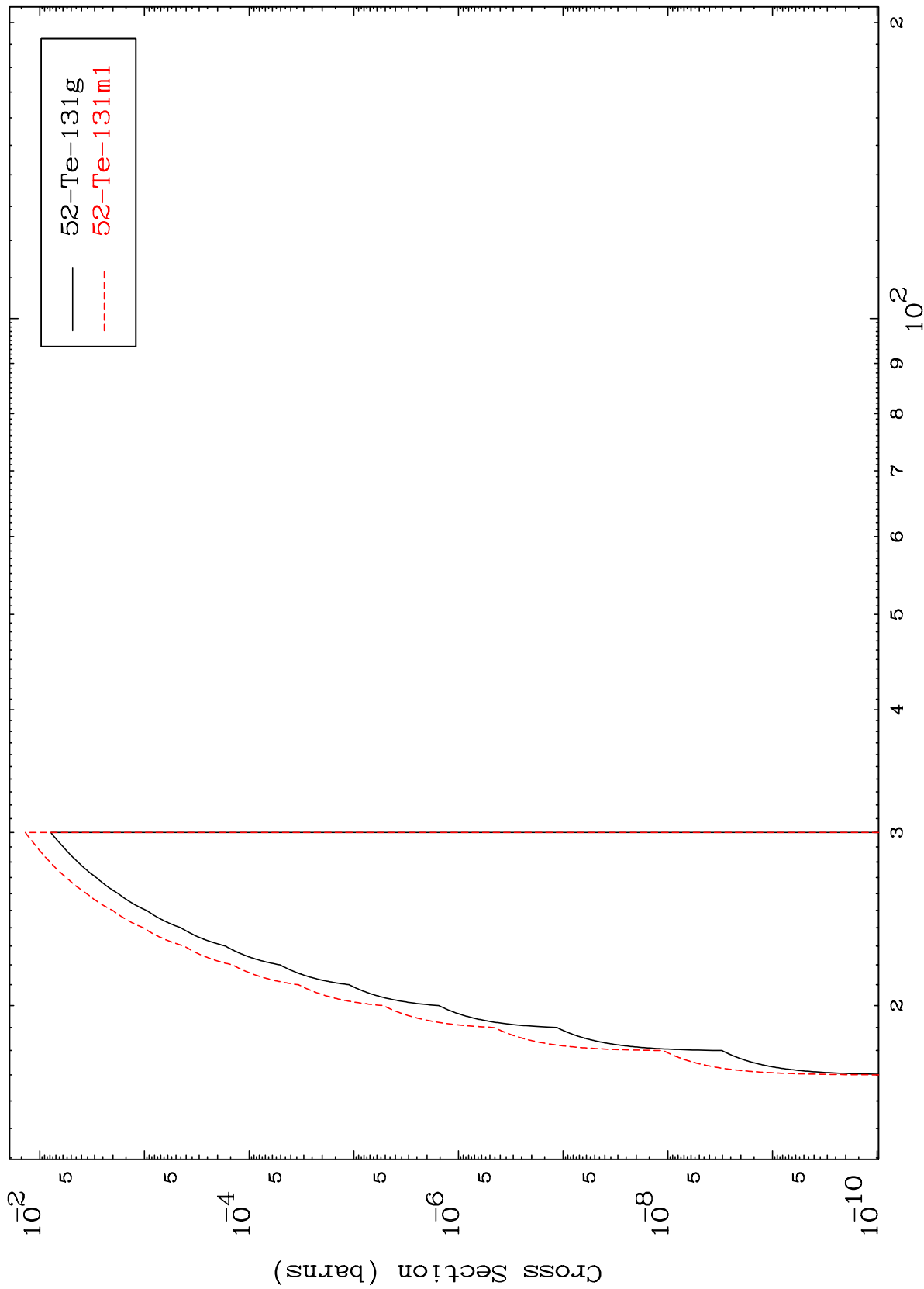


24

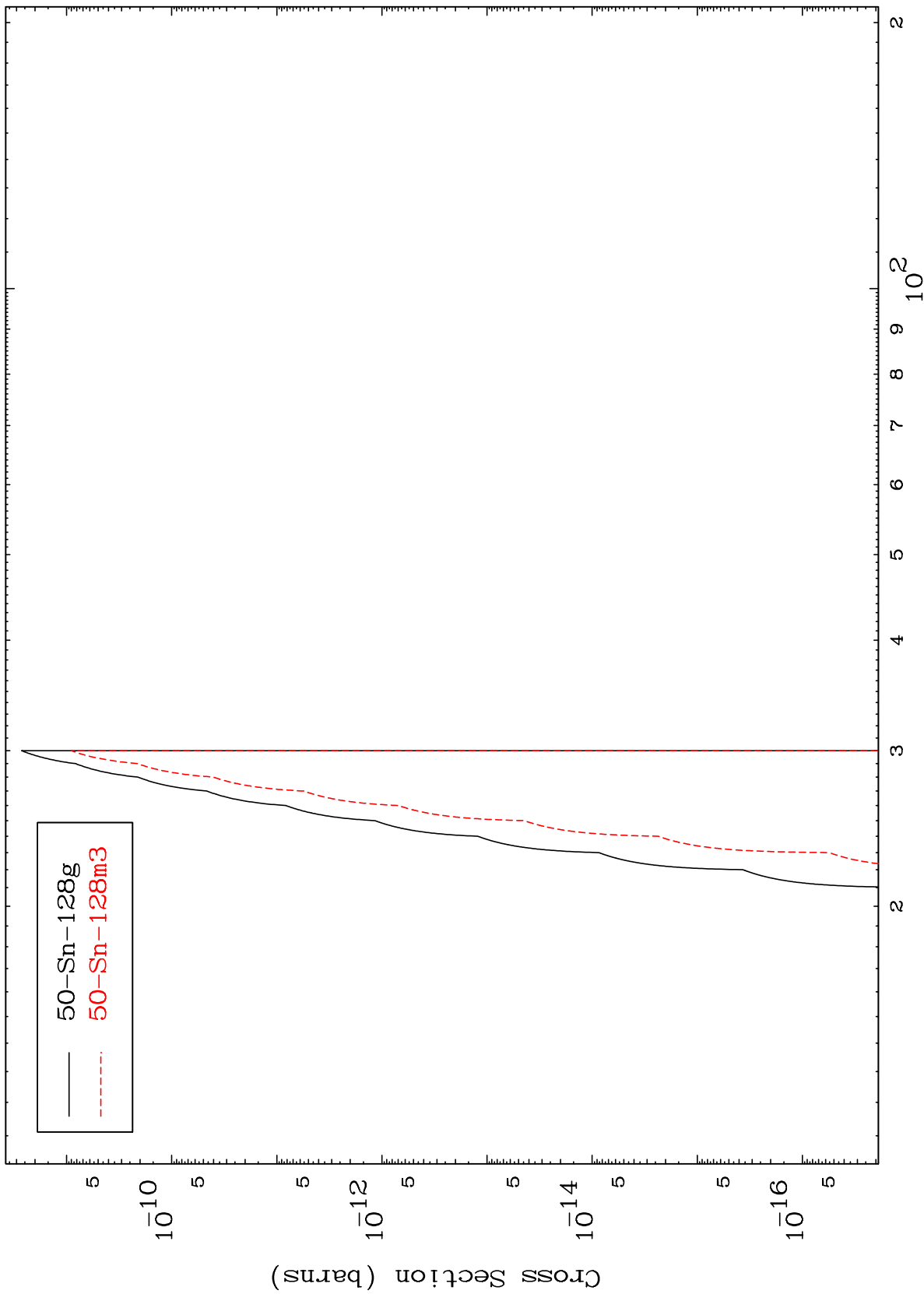
Incident Energy (MeV)

53-I -133m

Radionuclide Production Cross Section

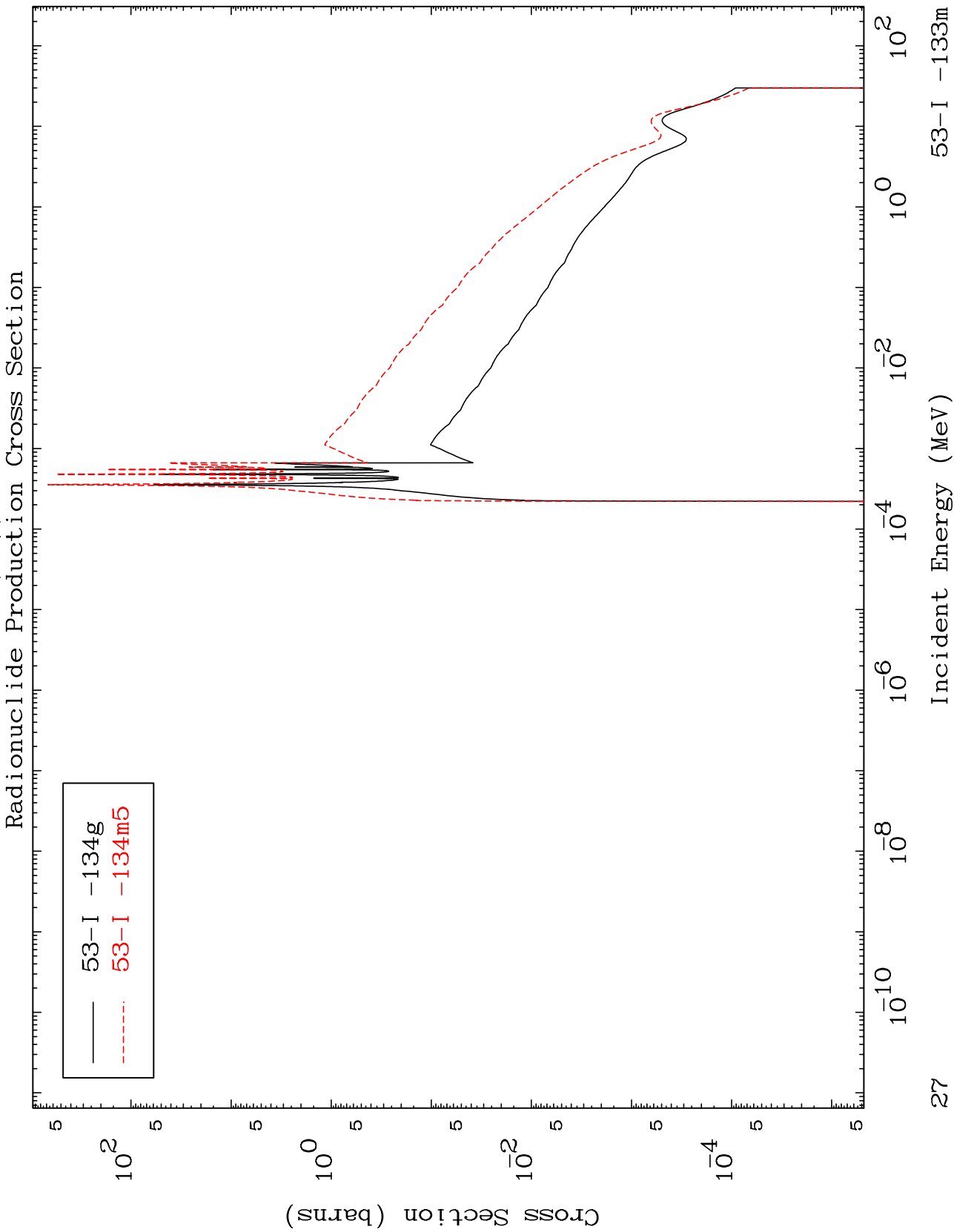


Radionuclide Production Cross Section



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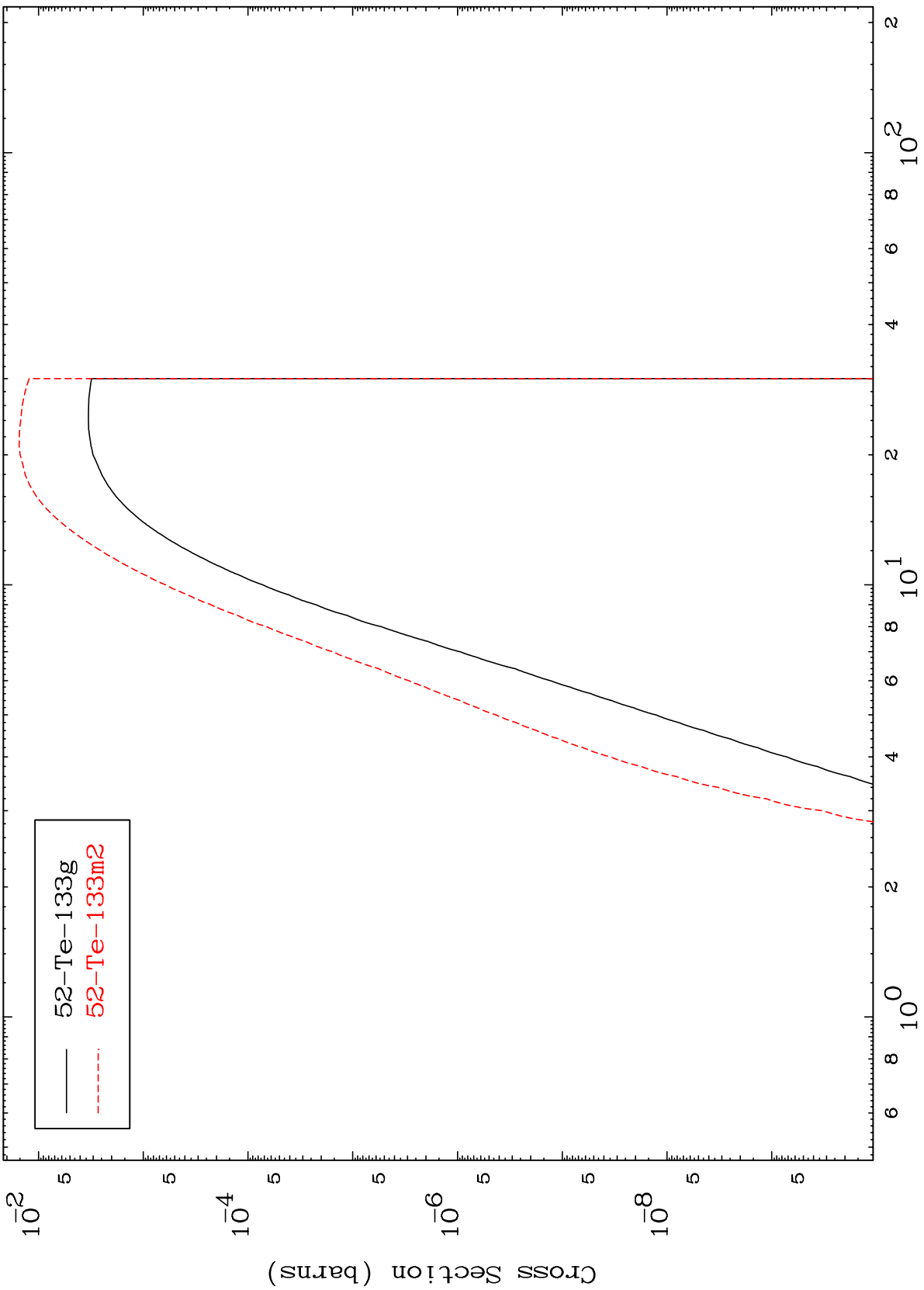
53-I -133m



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53-I -133m

(n,p)  
Radionuclide Production Cross Section

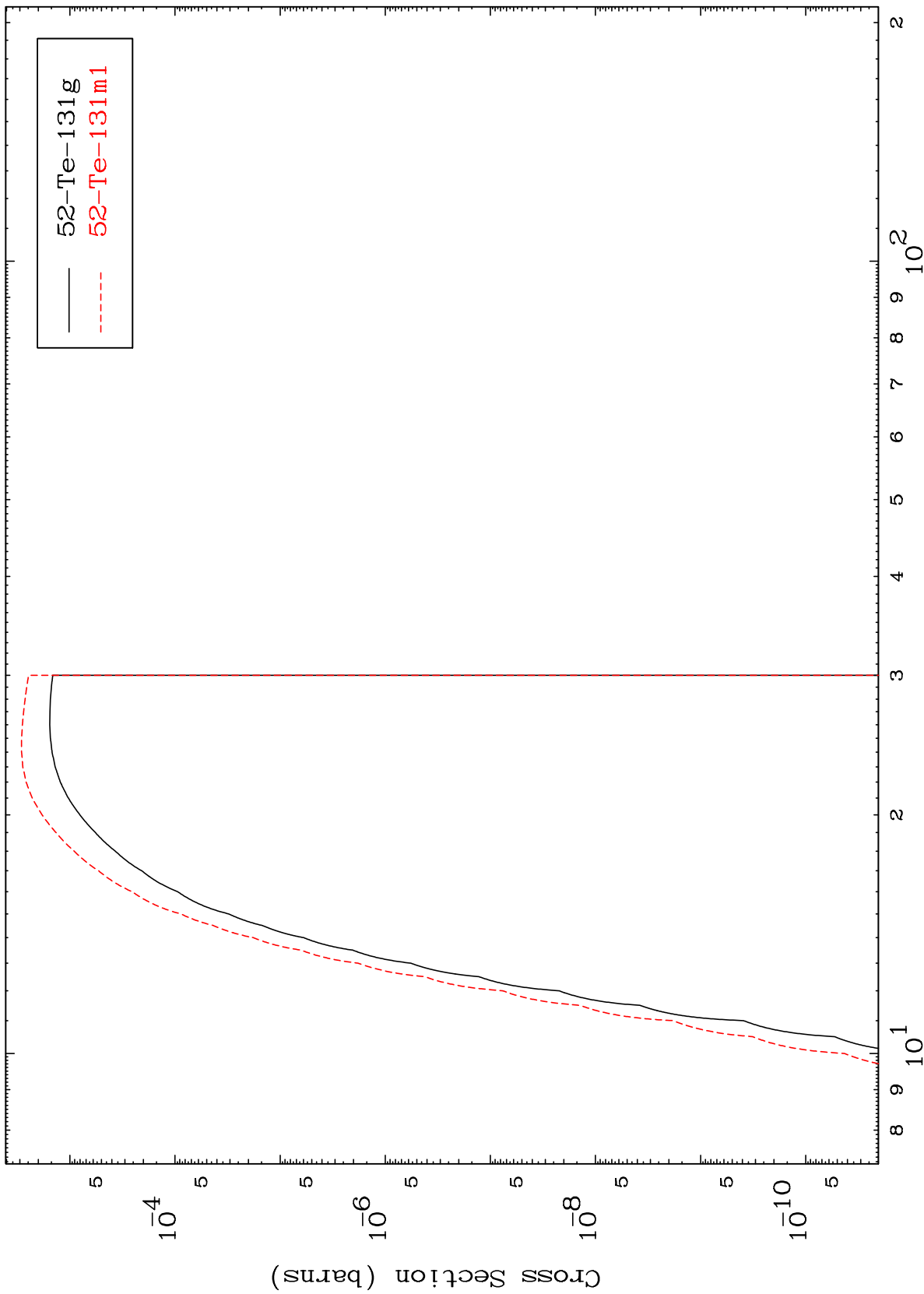


52-Te-133g  
52-Te-133m2

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53-I -133m

(n,t)  
Radionuclide Production Cross Section



29

Incident Energy (MeV)

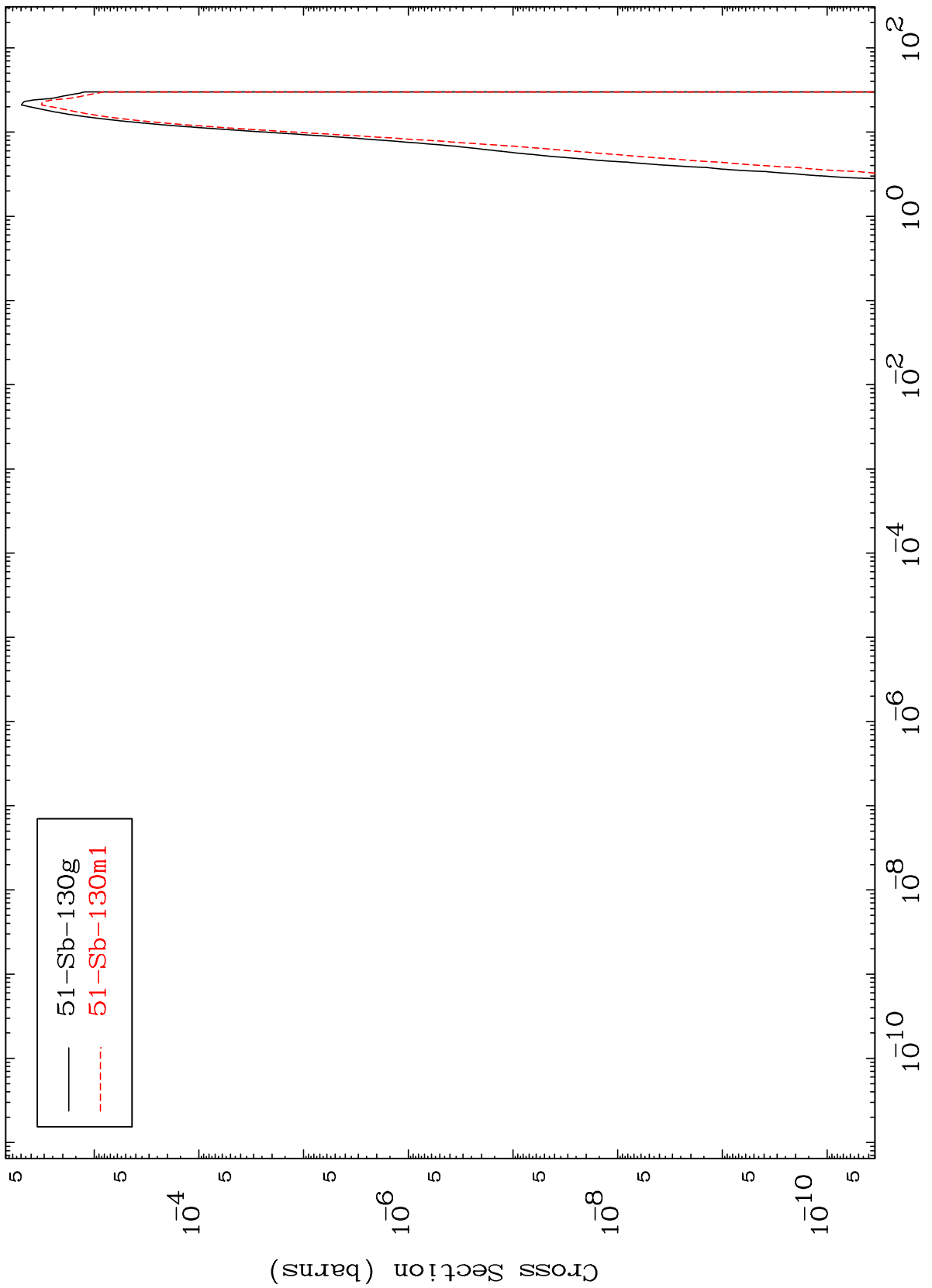
53-I -133m

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(n,  $\alpha$ )

53-I -133m

Radionuclide Production Cross Section



— 51-Sb-130g  
- - - 51-Sb-130m1

Incident Energy (MeV)

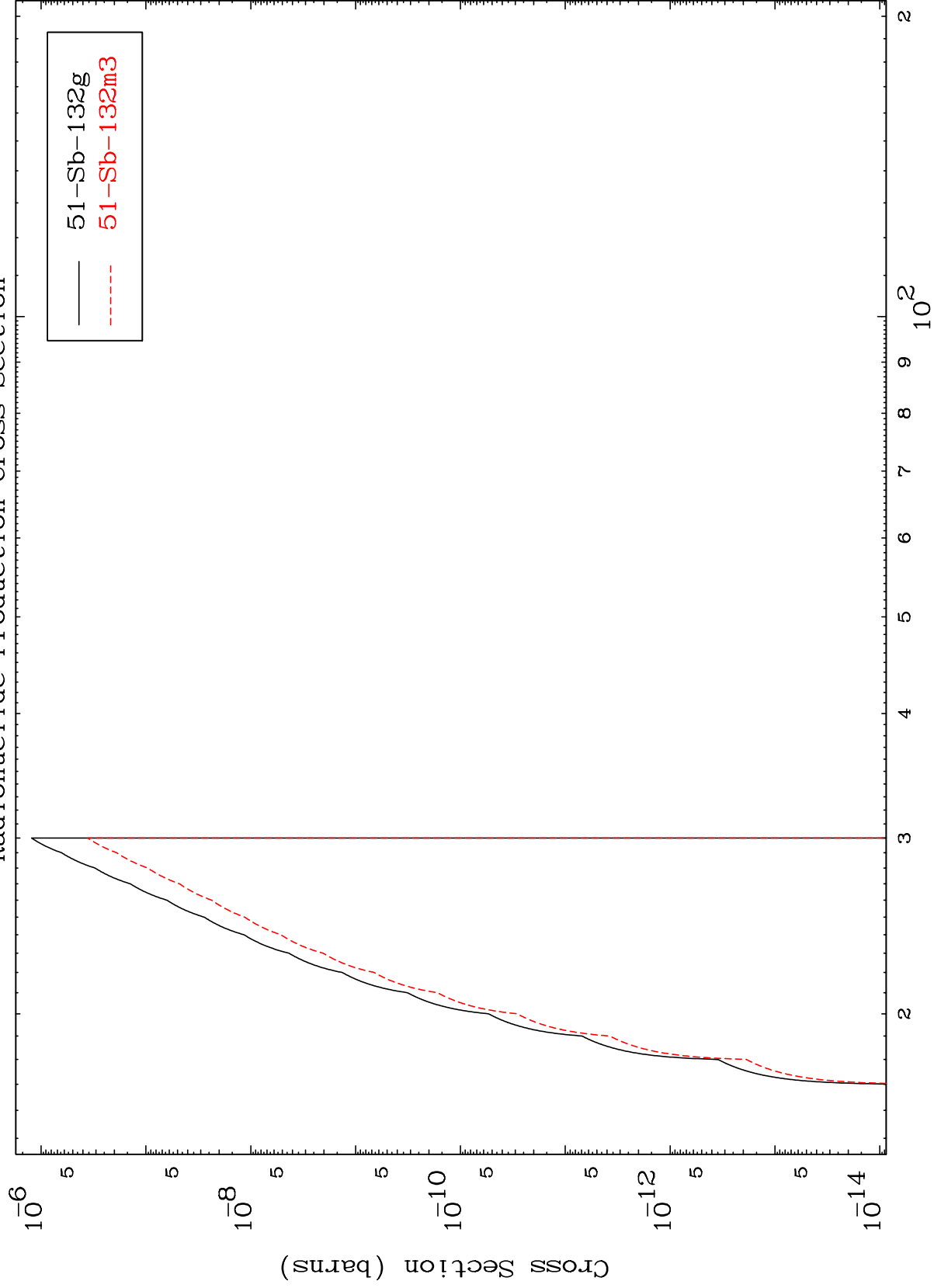
53-I -133m

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(n,2p)

53-I -133m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

53-I -133m

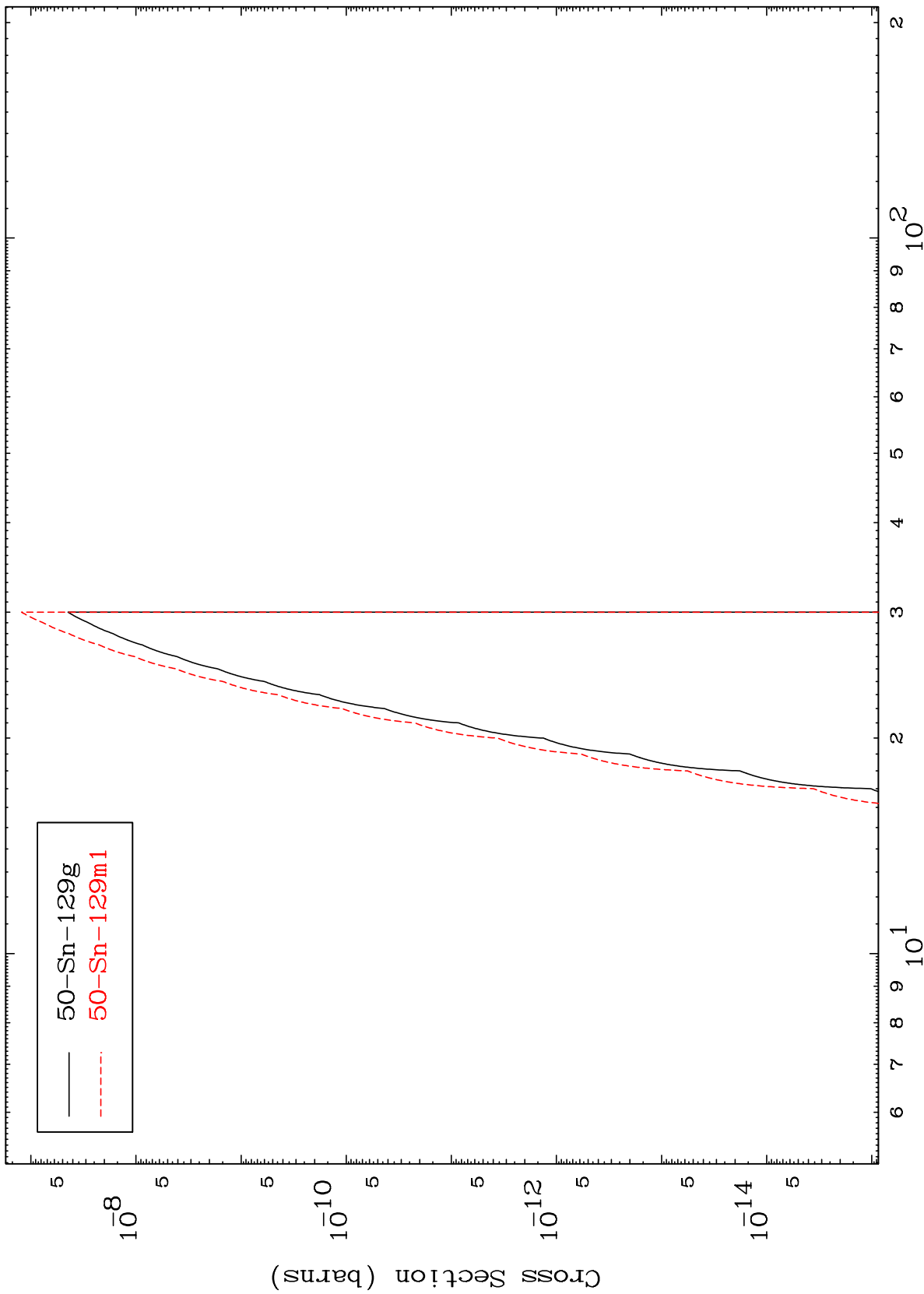


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(n,p)  $\alpha$

53-I -133m

Radionuclide Production Cross Section



Incident Energy (MeV)

53-I -133m

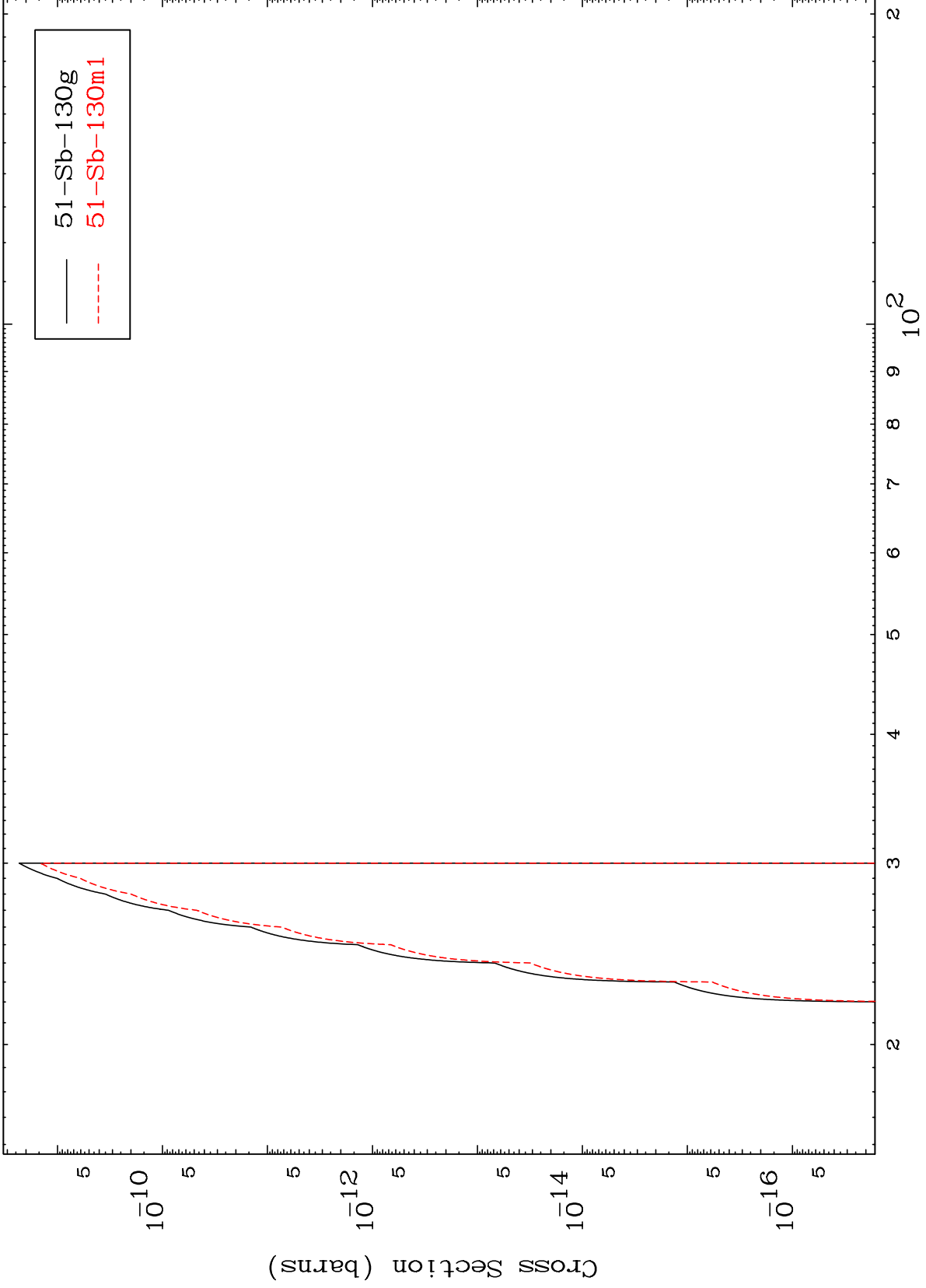
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(n,p) t

53-I -133m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

53-I -133m