

Program EVALPLOT  
(Version 2021-1)

by

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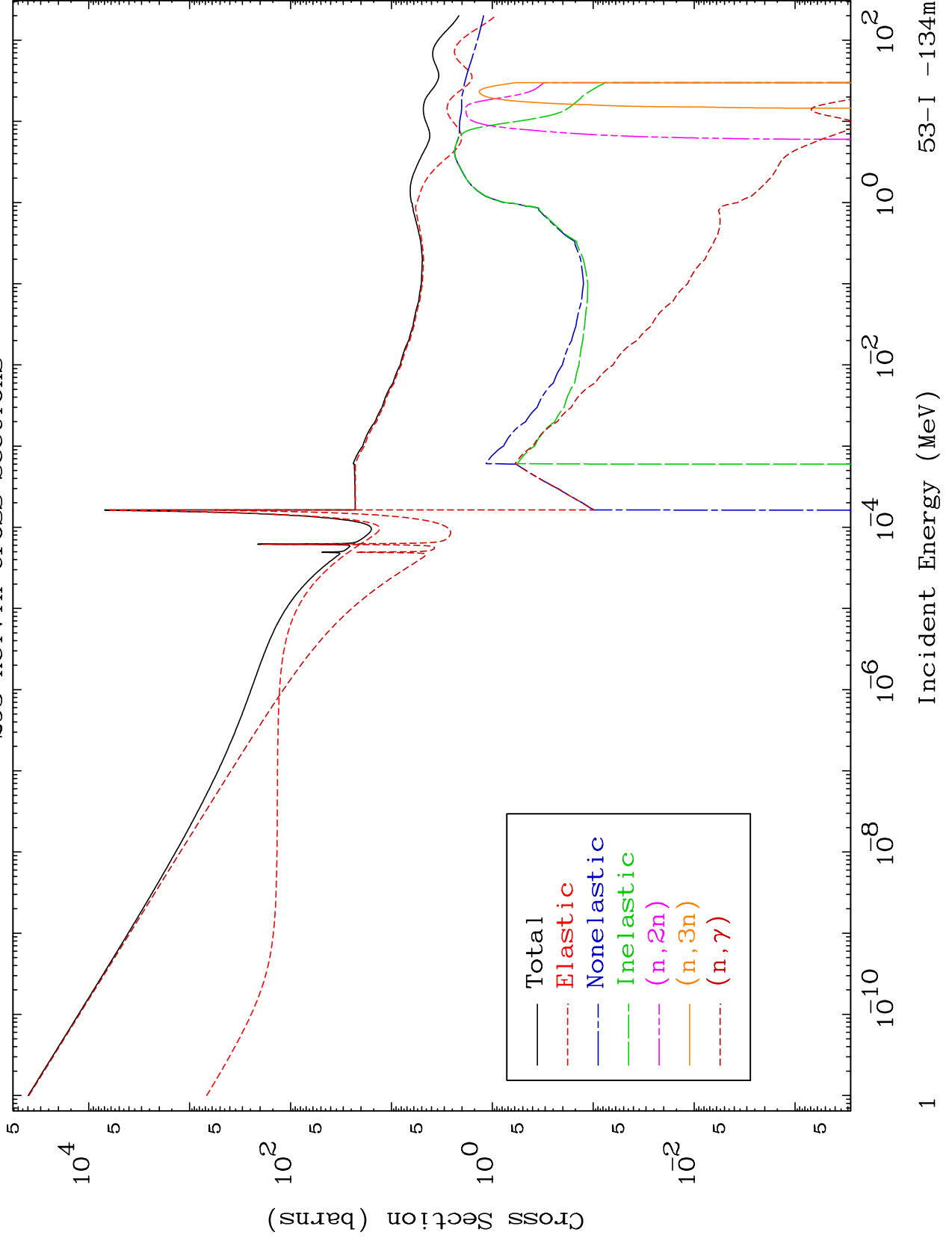
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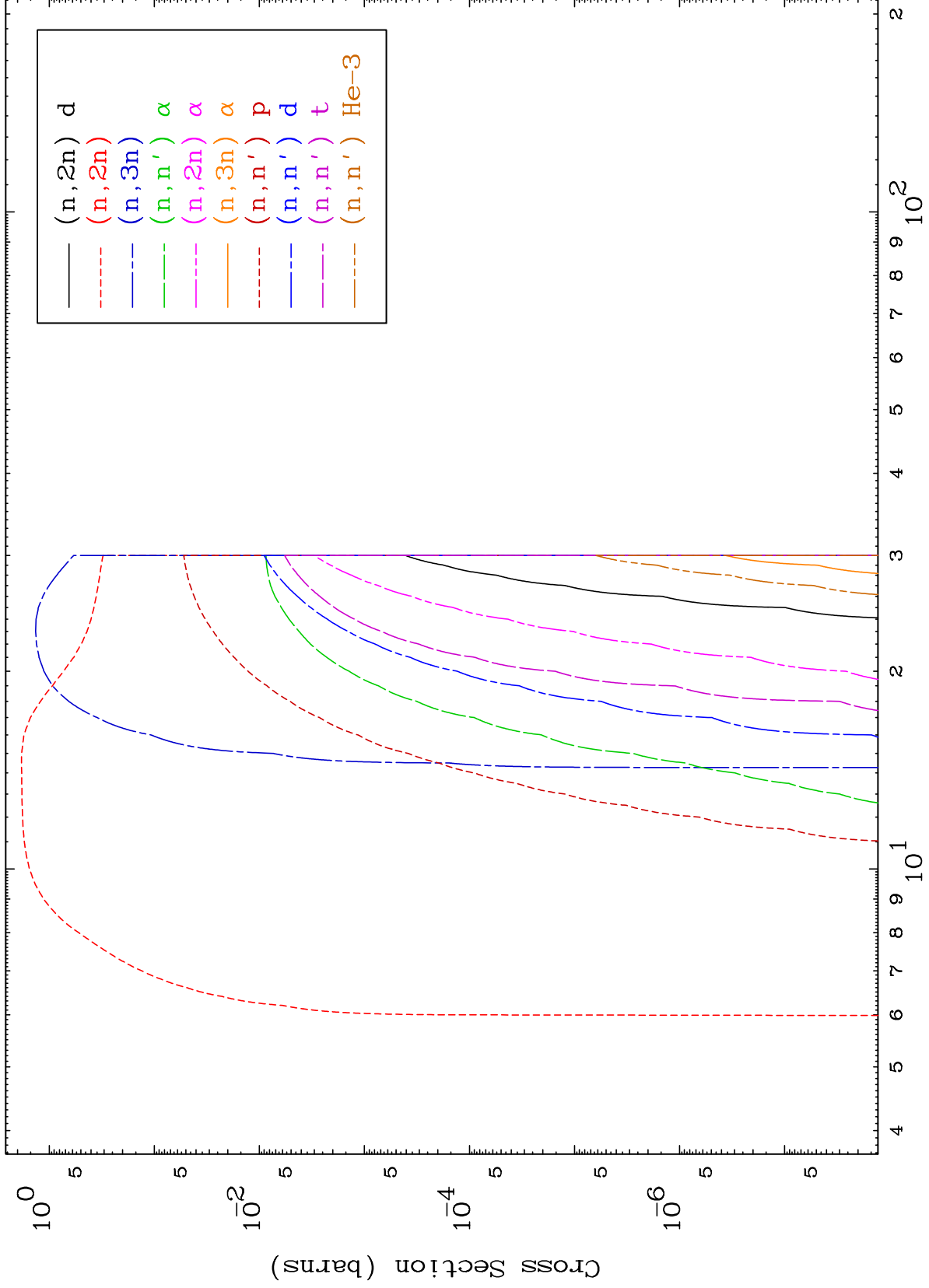
Press Mouse Button to Start

MAT 5347

Neutron Major  
293 Kelvin Cross Sections

53-I -134m

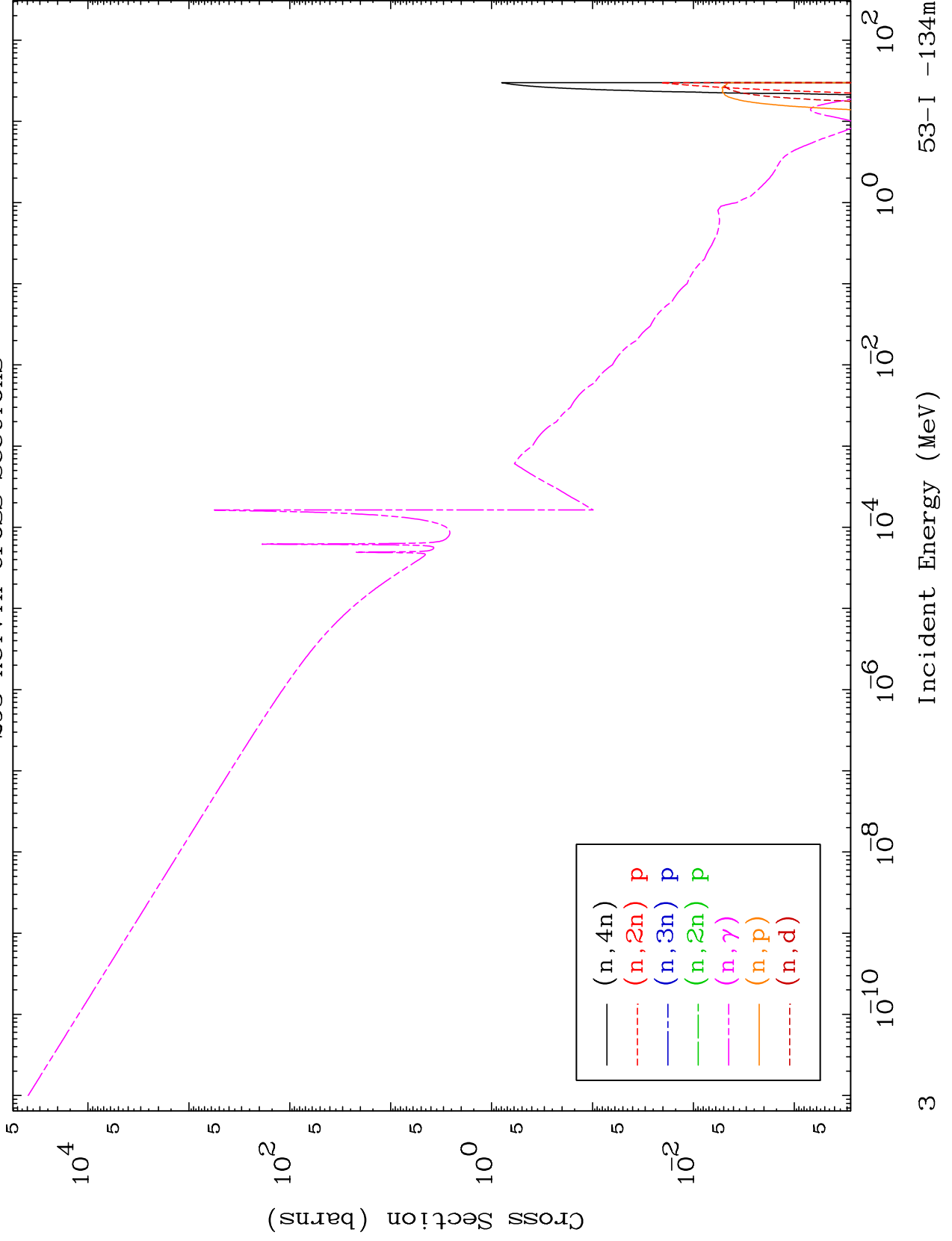


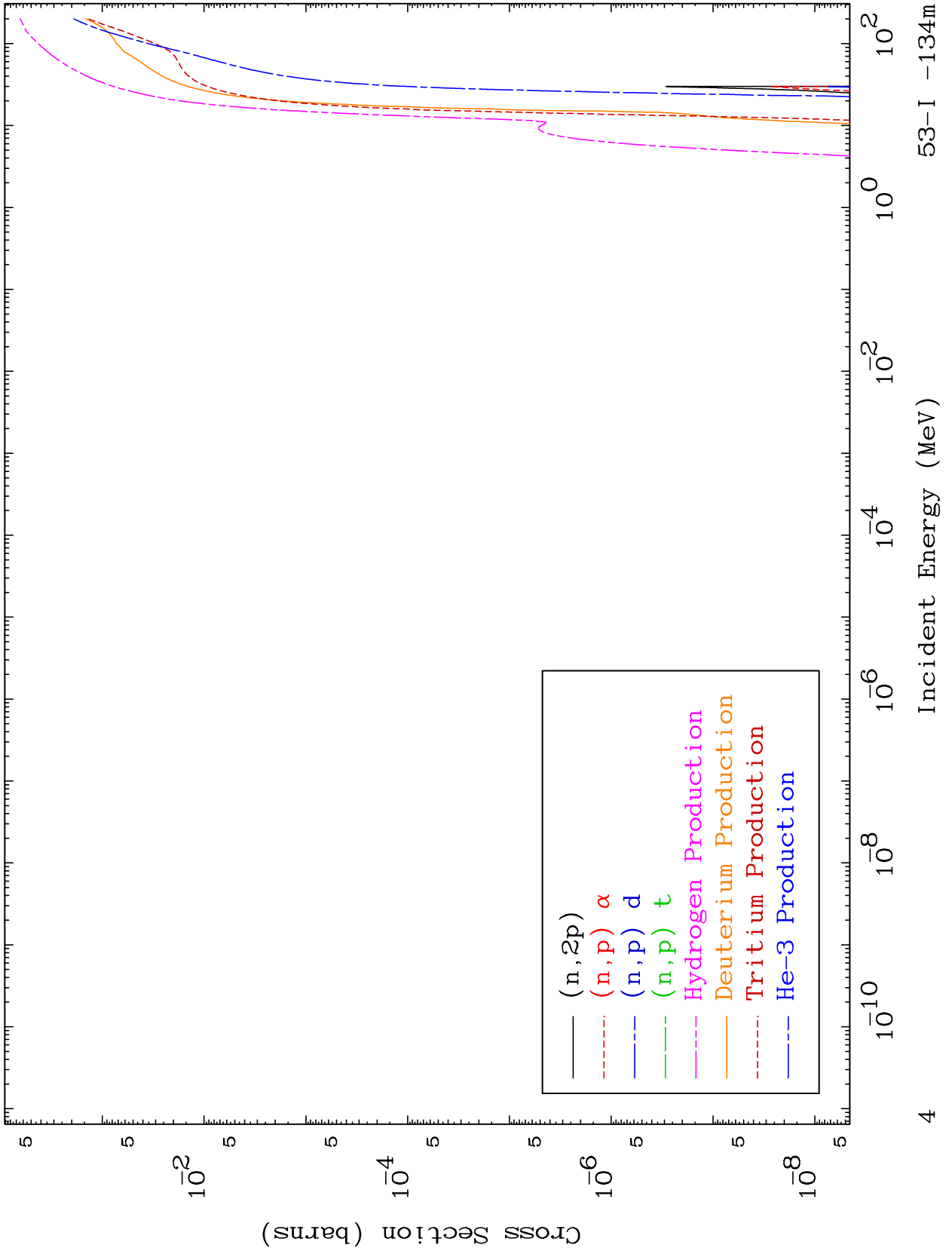


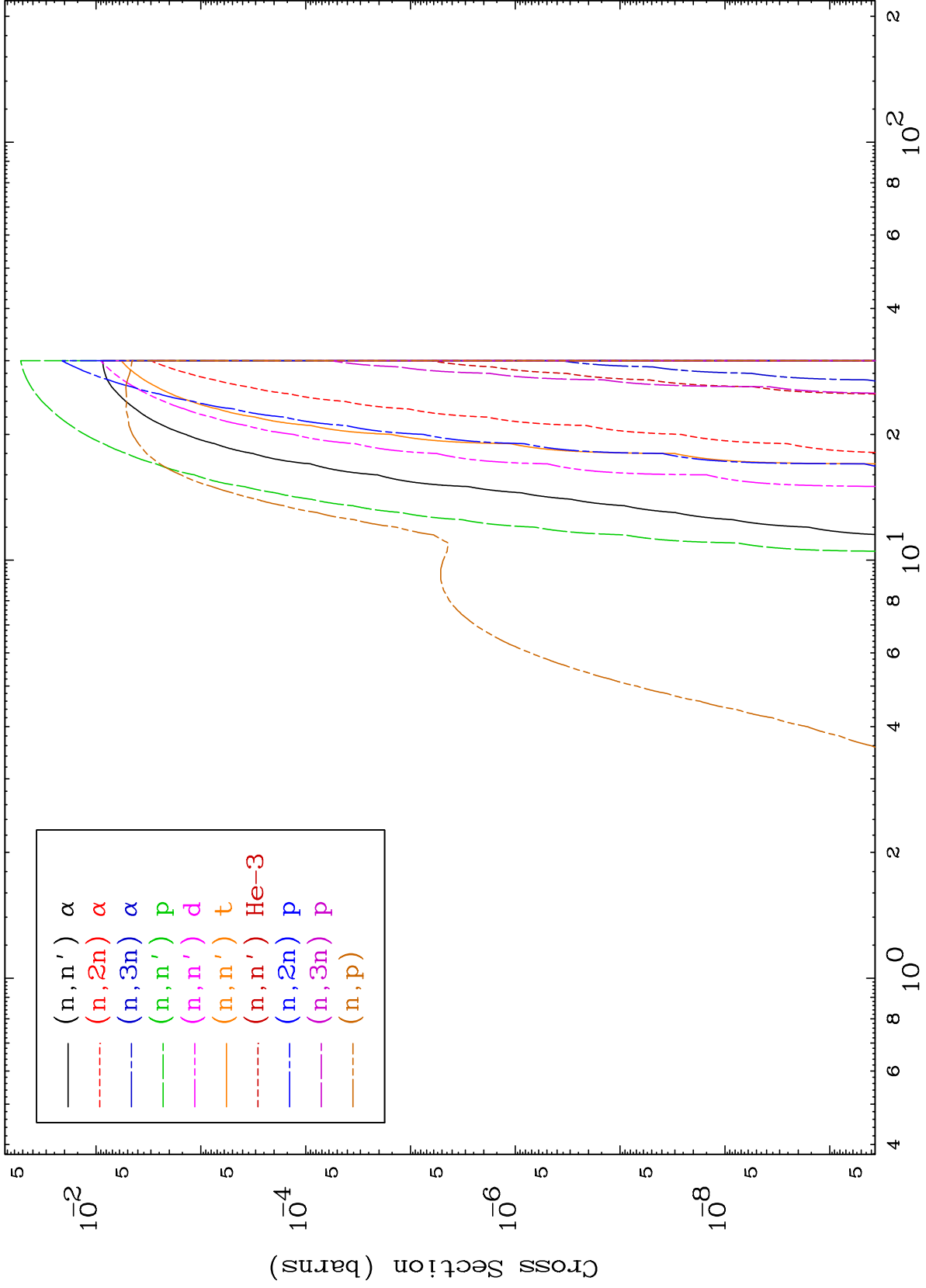
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Neutron Absorption  
293 Kelvin Cross Sections

53-I -134m



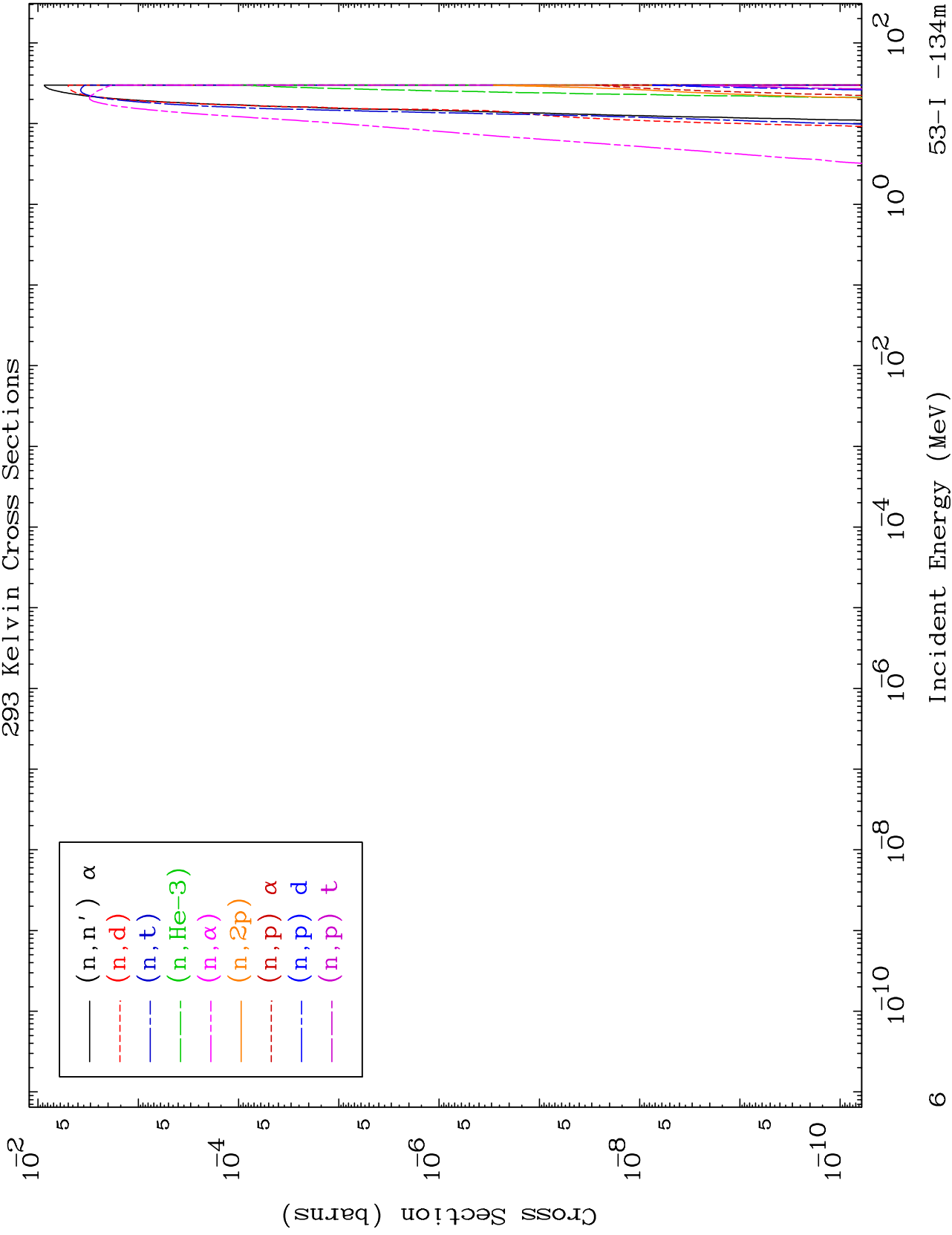


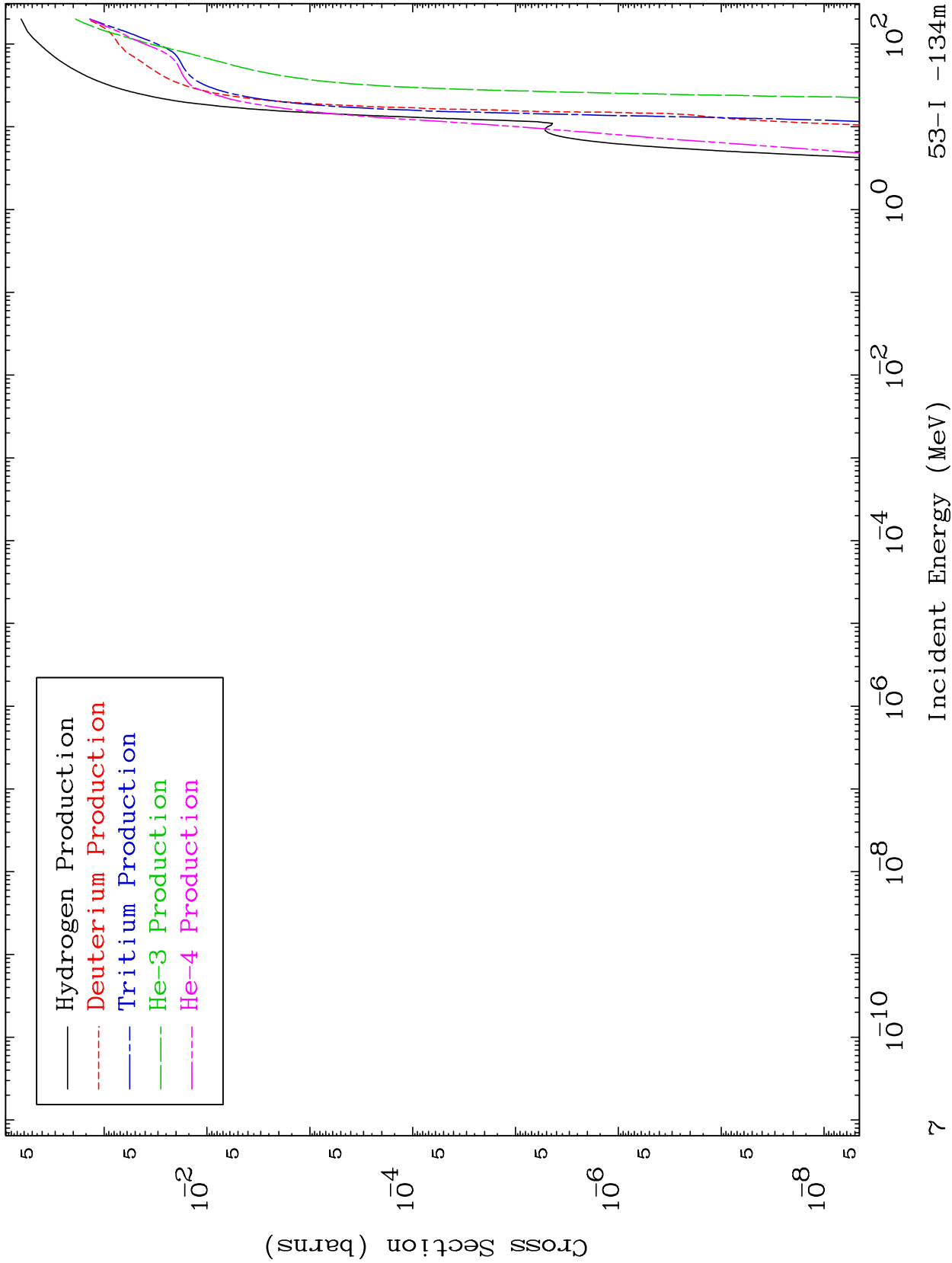


MAT 5347

Charged Particle  
293 Kelvin Cross Sections

53-I -134m

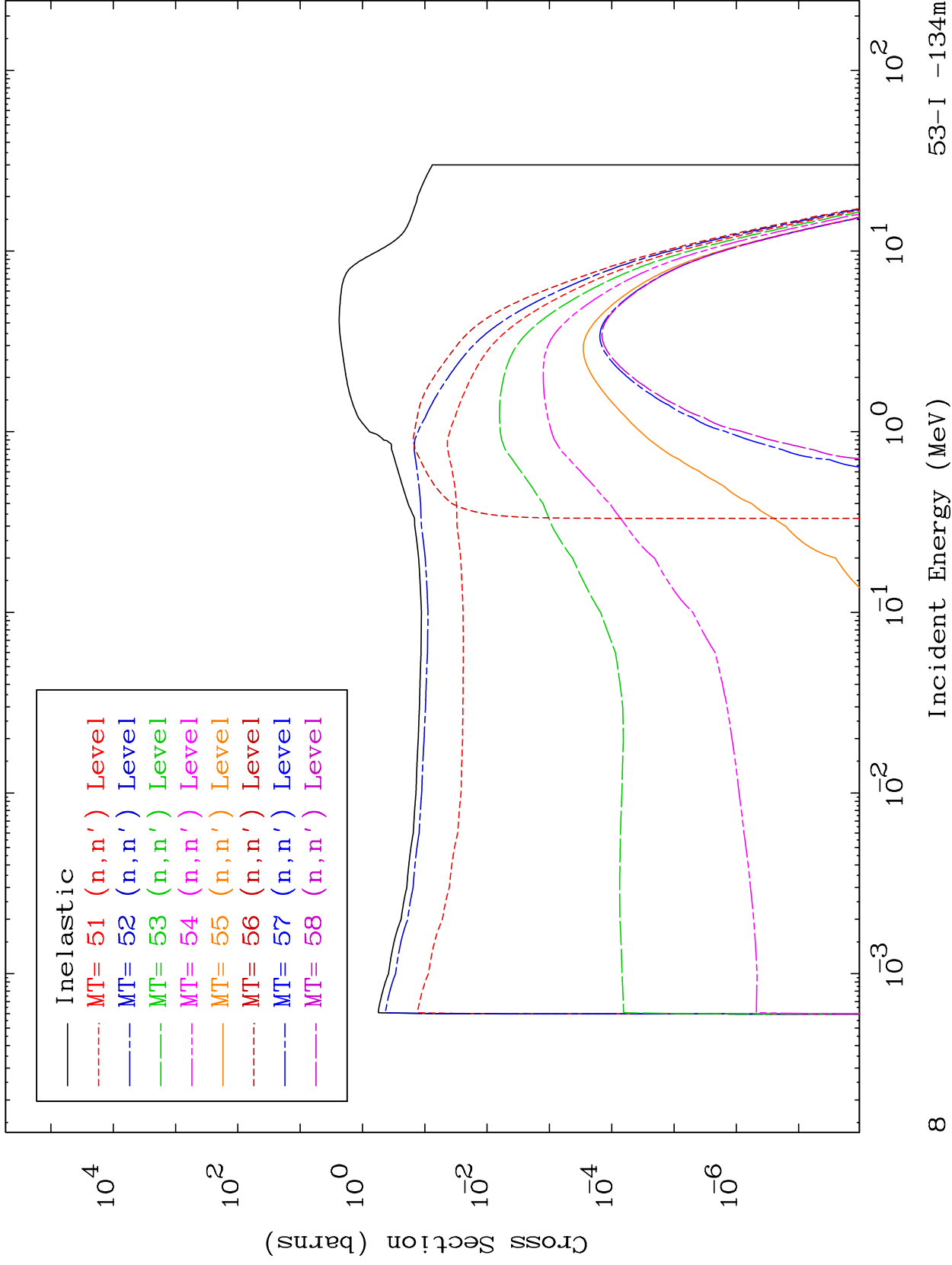




MAT 5347

(n,n') Levels  
293 Kelvin Cross Sections

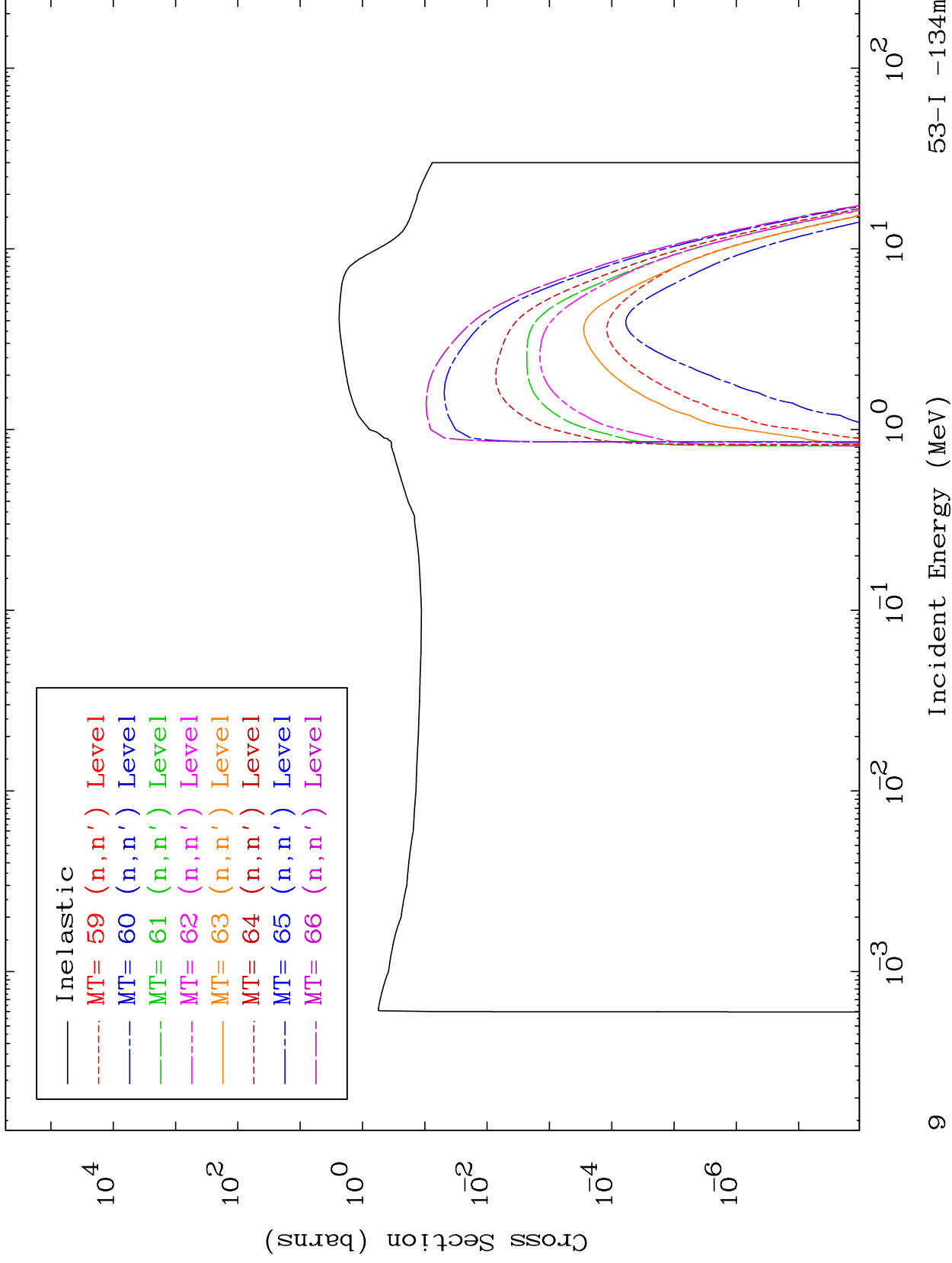
53-I -134m



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(n,n') Levels  
293 Kelvin Cross Sections

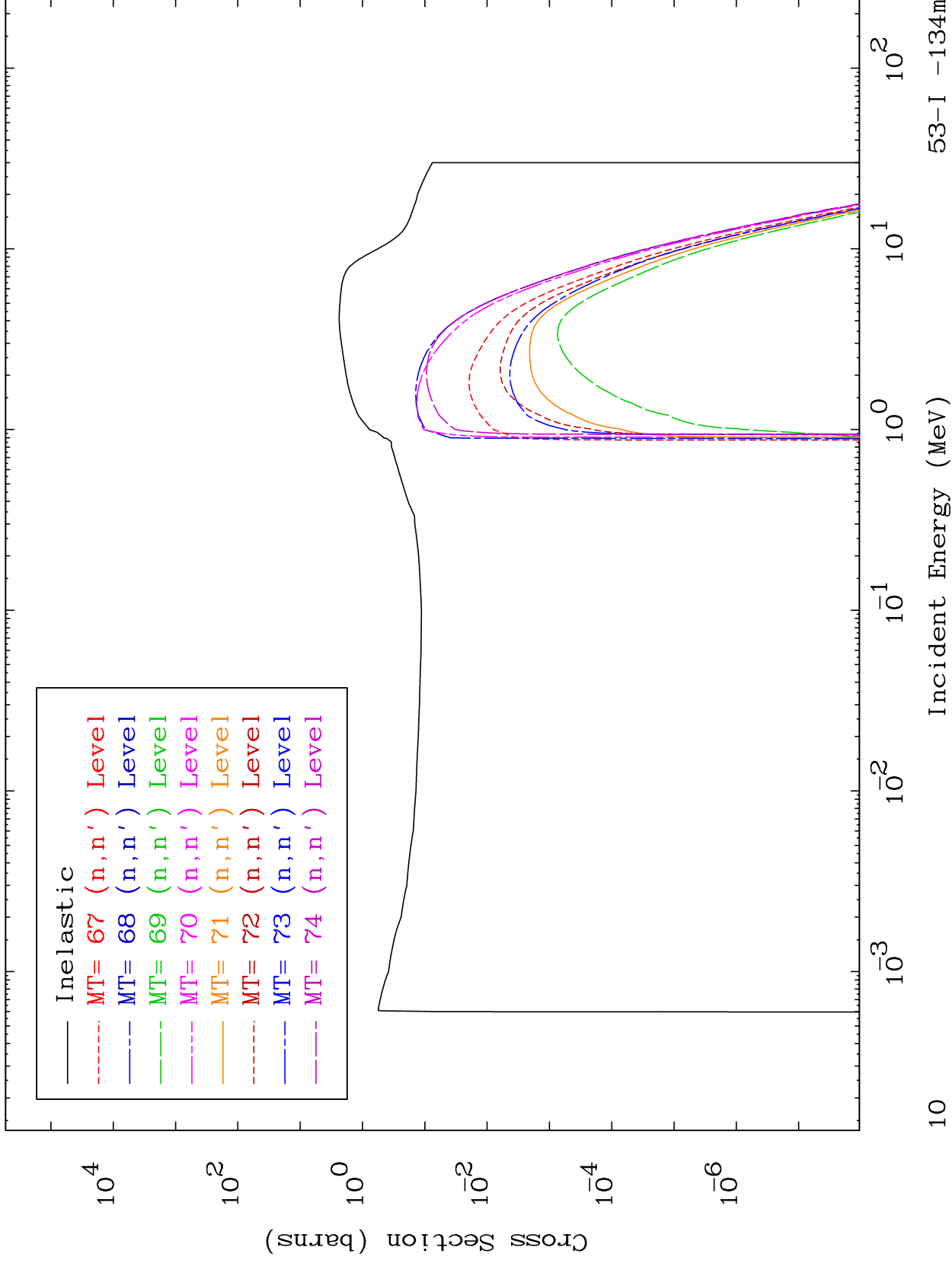
53-I -134m



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(n,n') Levels  
293 Kelvin Cross Sections

53-I -134m

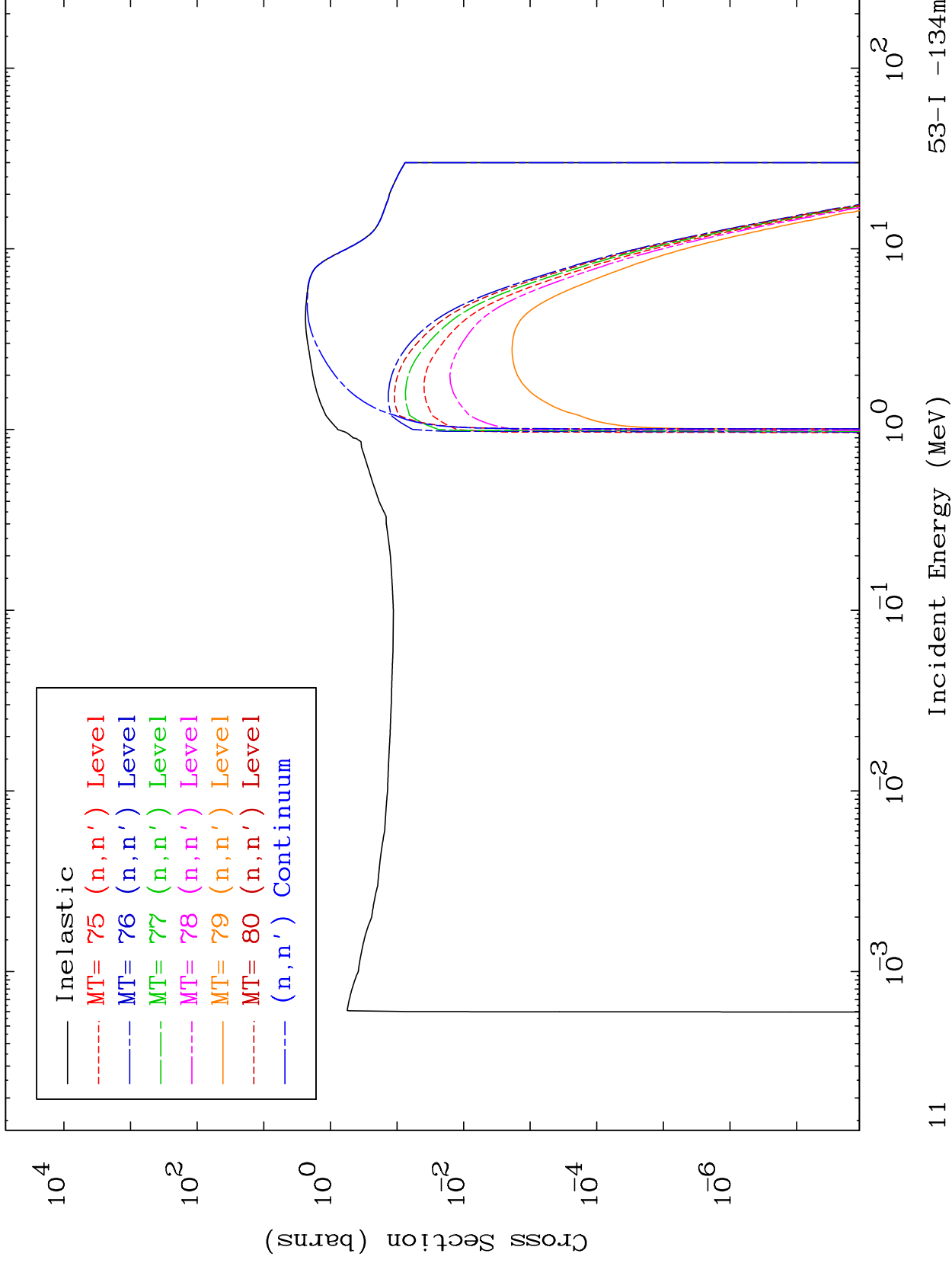


10

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(n,n') Levels  
293 Kelvin Cross Sections

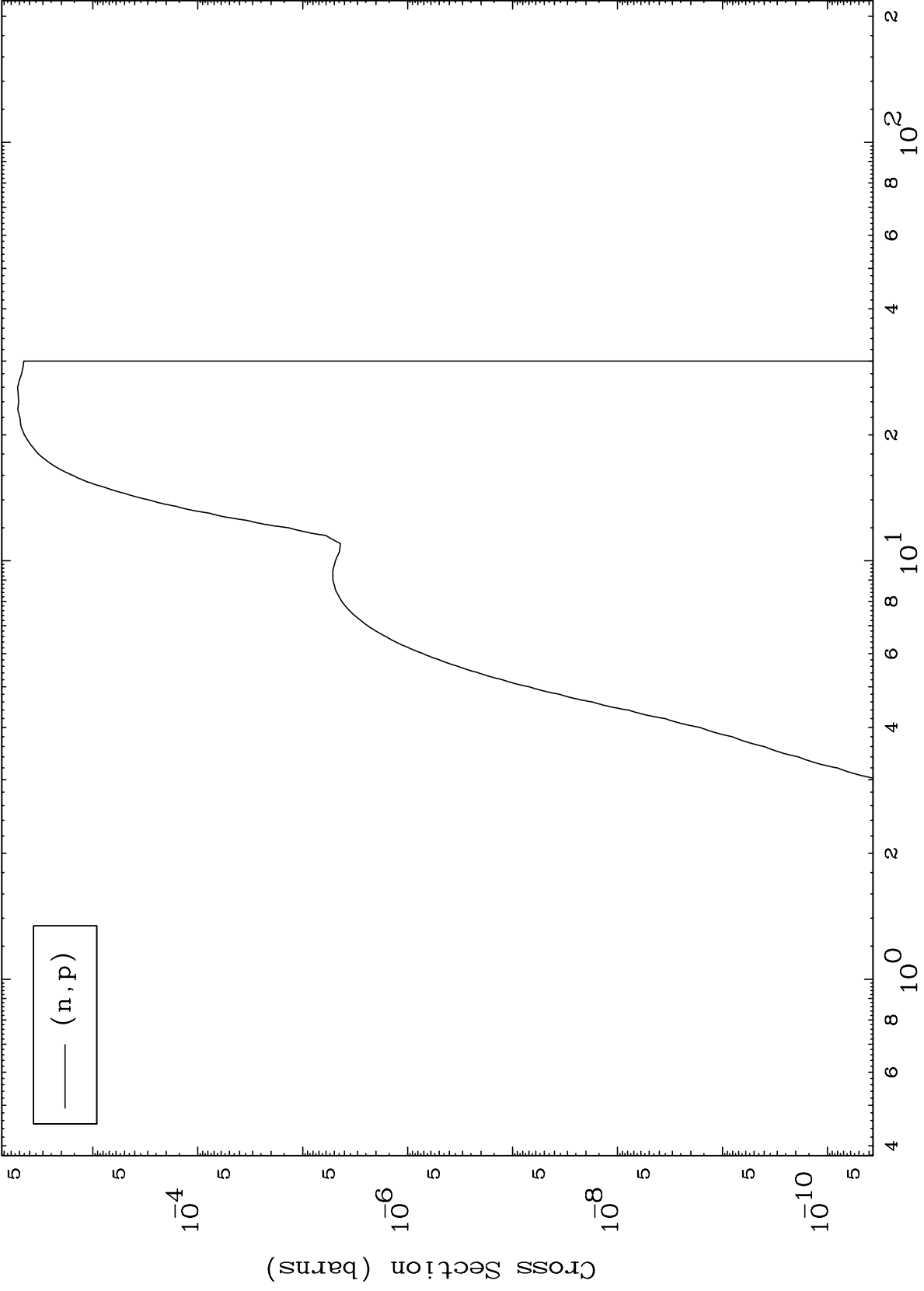
53-I -134m



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(n,p) Levels  
293 Kelvin Cross Sections

53-I -134m



12

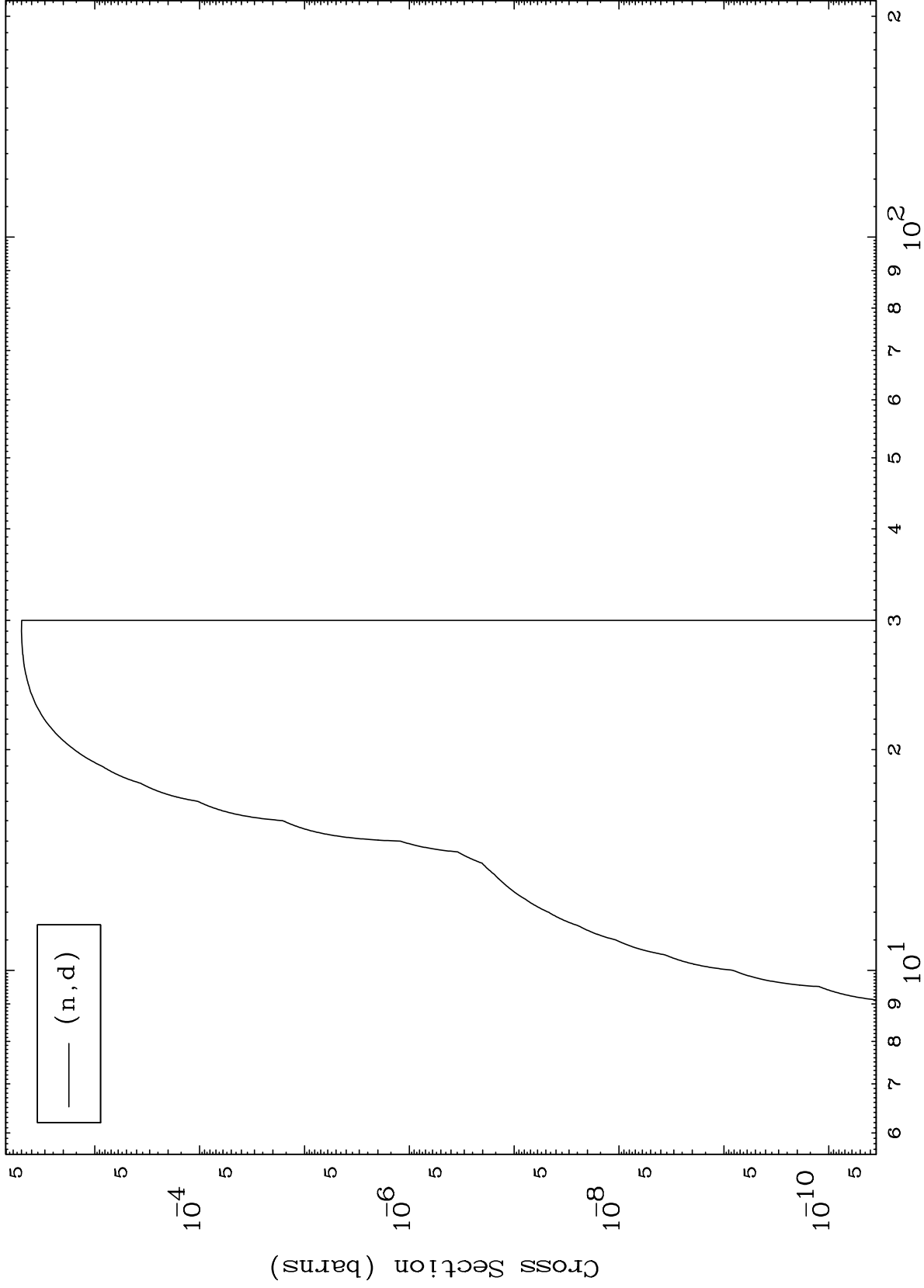
Incident Energy (MeV)

53-I -134m

MAT 5347

(n,d) Levels  
293 Kelvin Cross Sections

53-I -134m



13

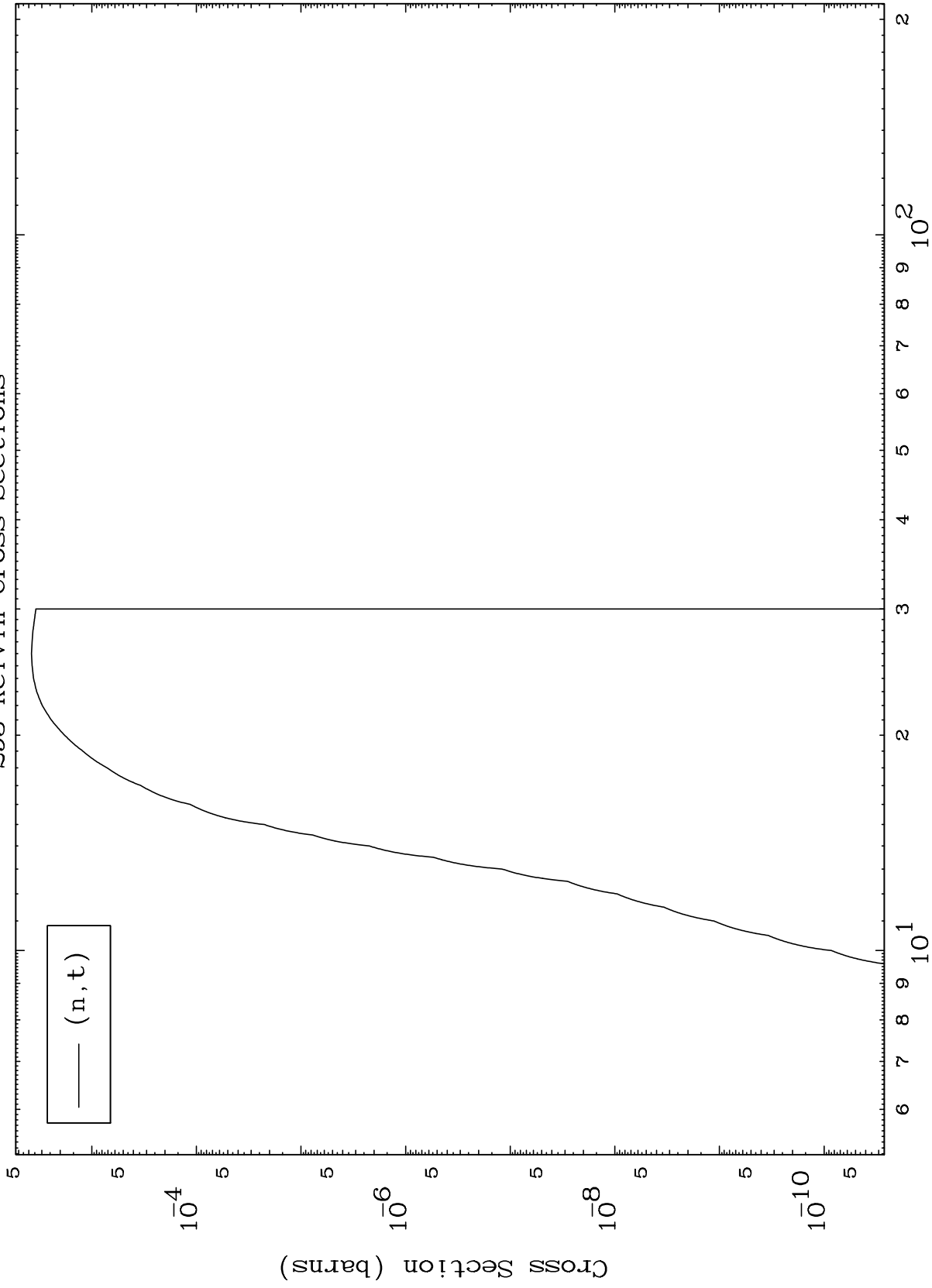
Incident Energy (MeV)

53-I -134m

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(n,t) Levels  
293 Kelvin Cross Sections

53-I -134m



14

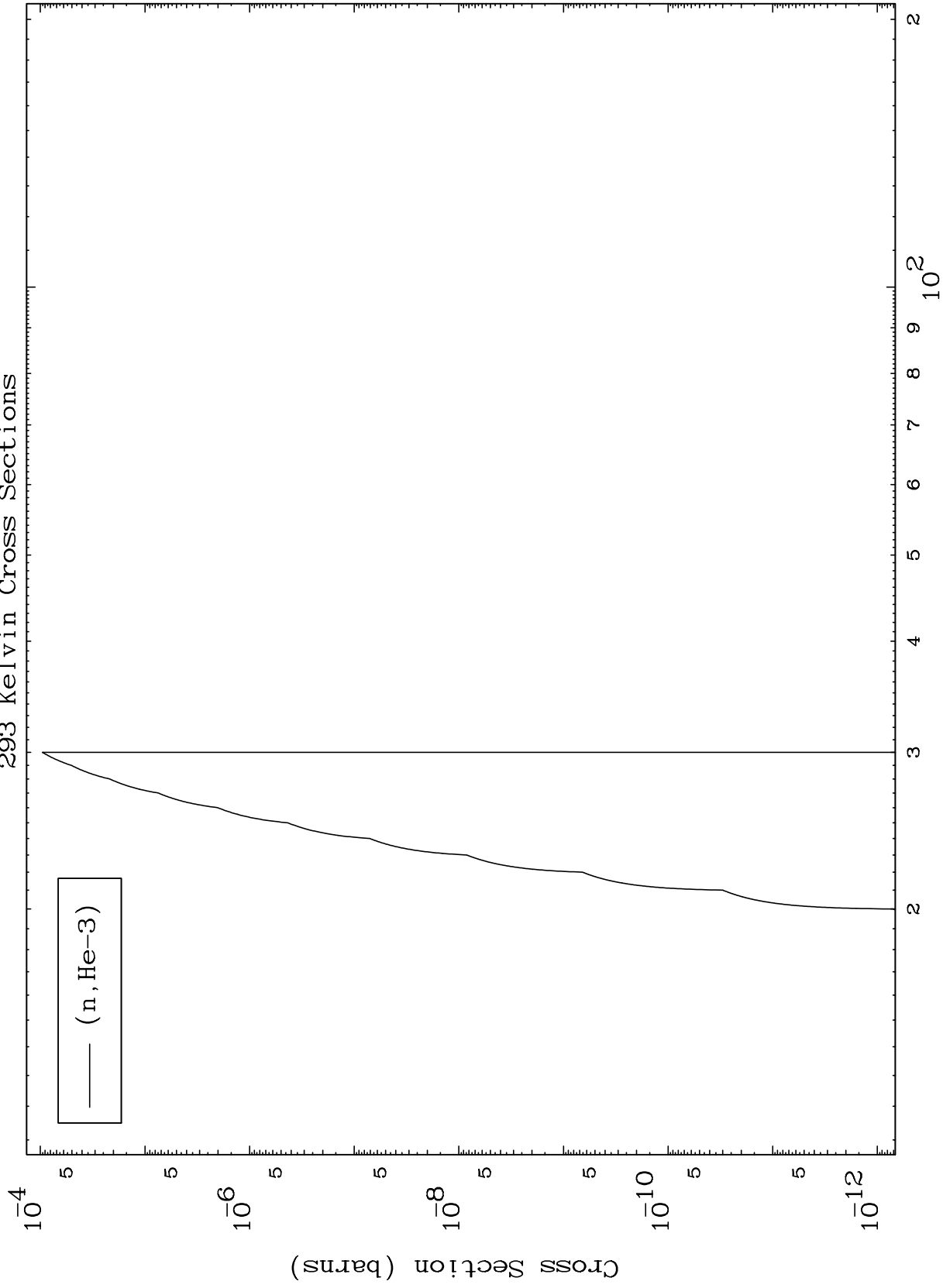
Incident Energy (MeV)

53-I -134m

MAT 5347

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -134m



15

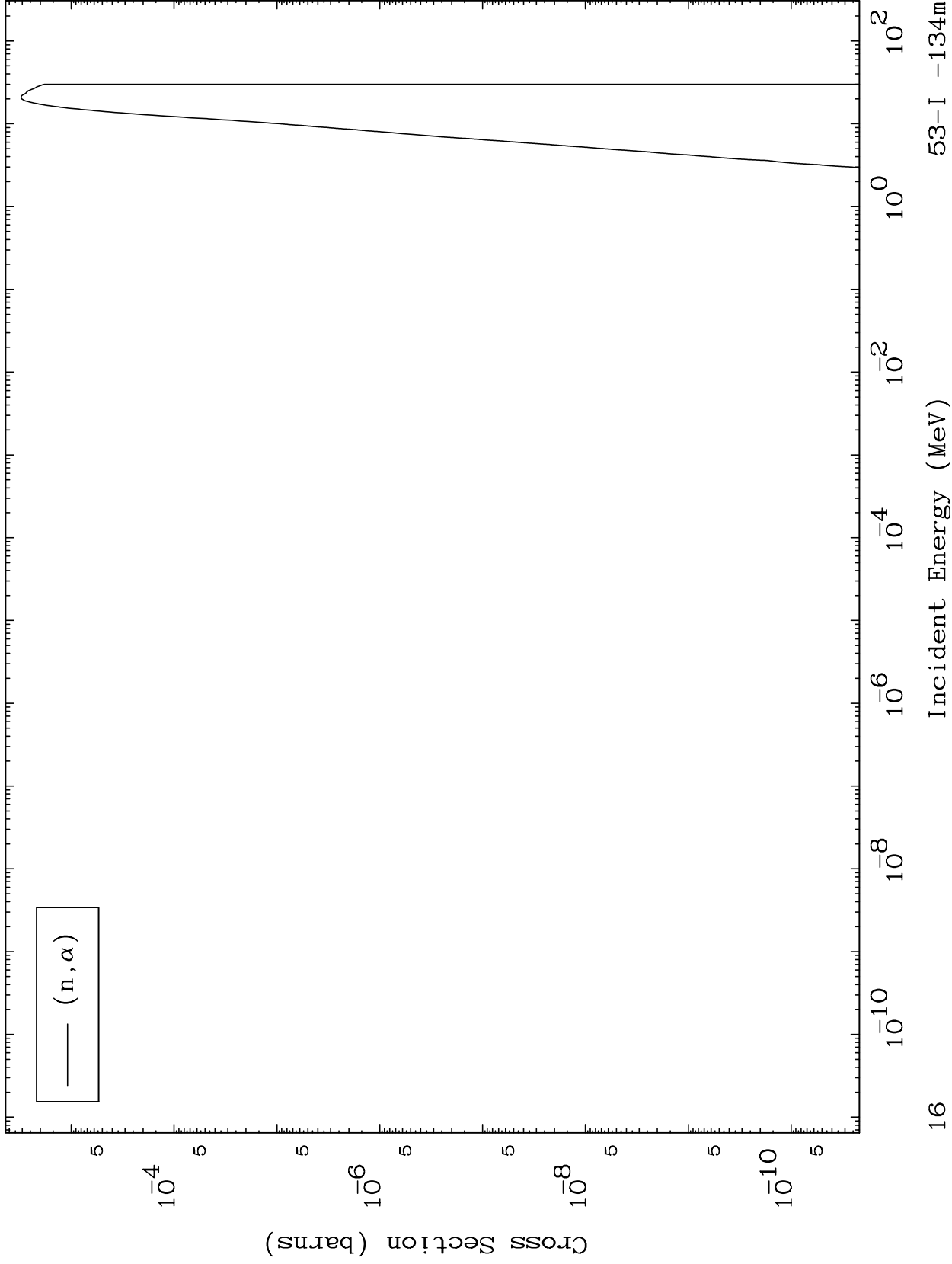
Incident Energy (MeV)

53-I -134m

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

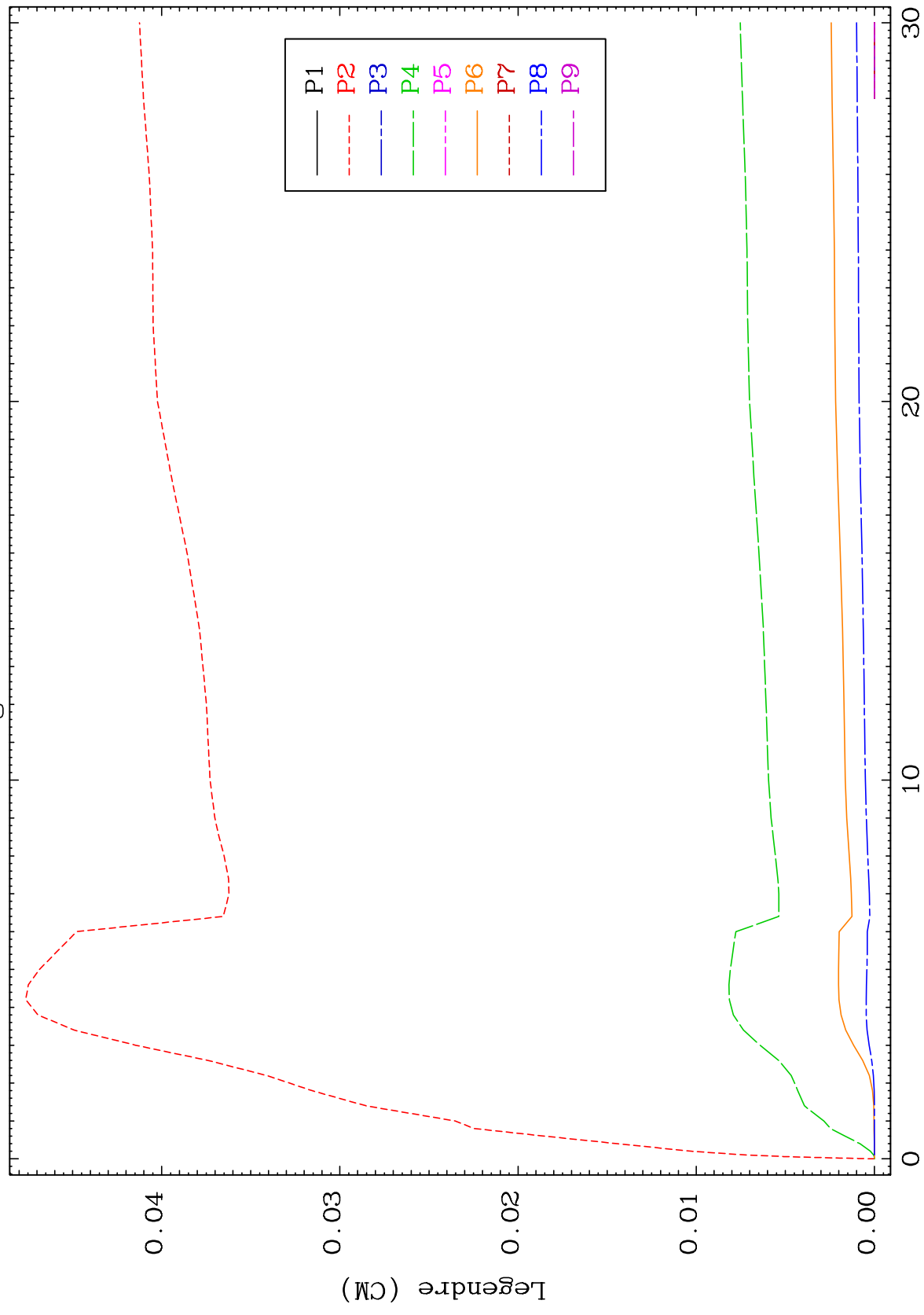
53-I -134m



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Elastic Legendre Coefficients

53-I -134m



53-I -134m

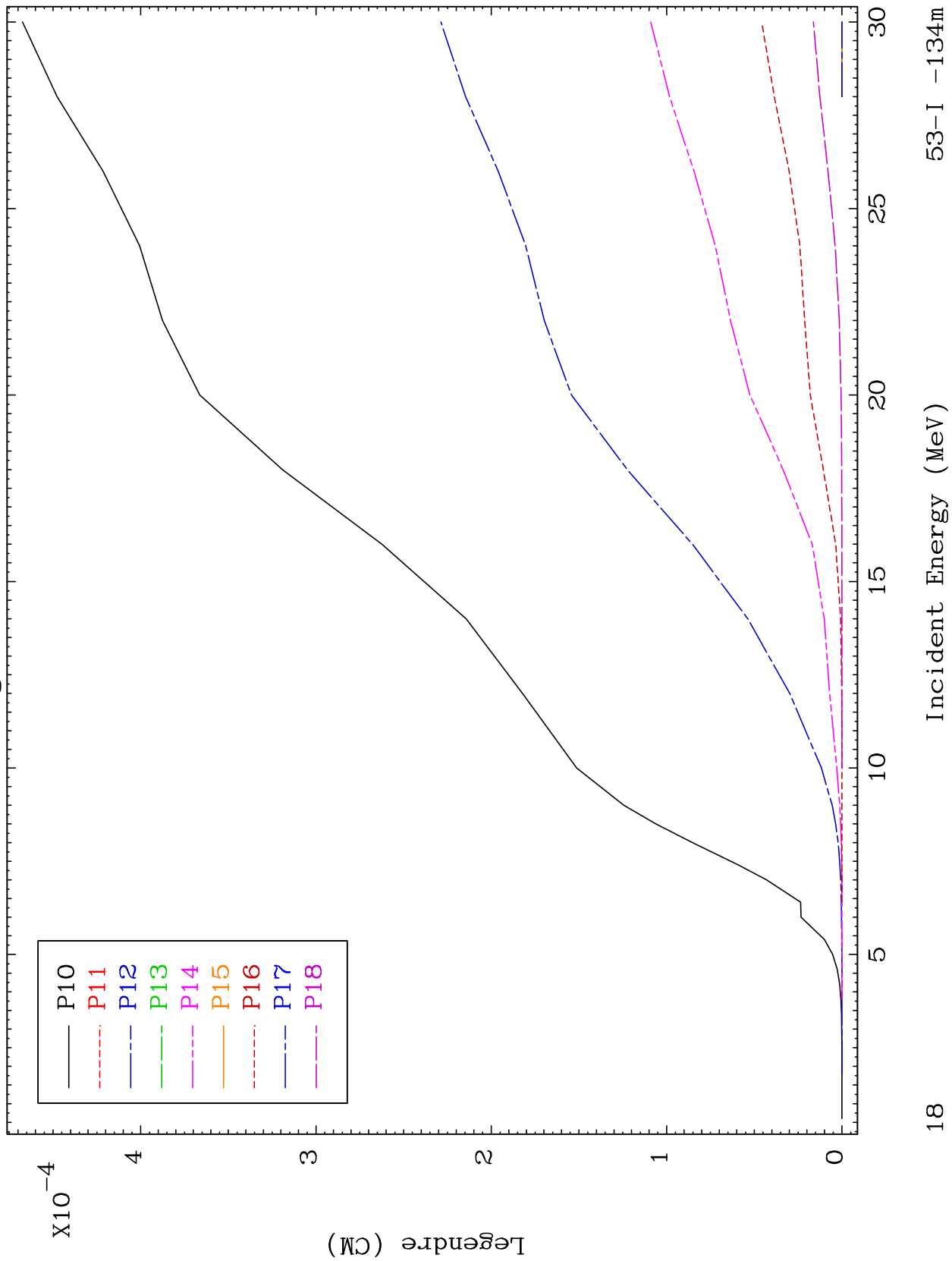
Incident Energy (MeV)

17

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### Elastic Legendre Coefficients

53-I -134m



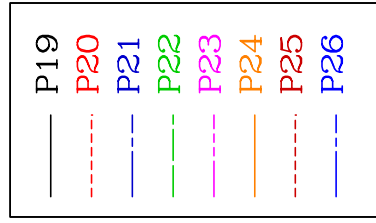
18

53-I -134m

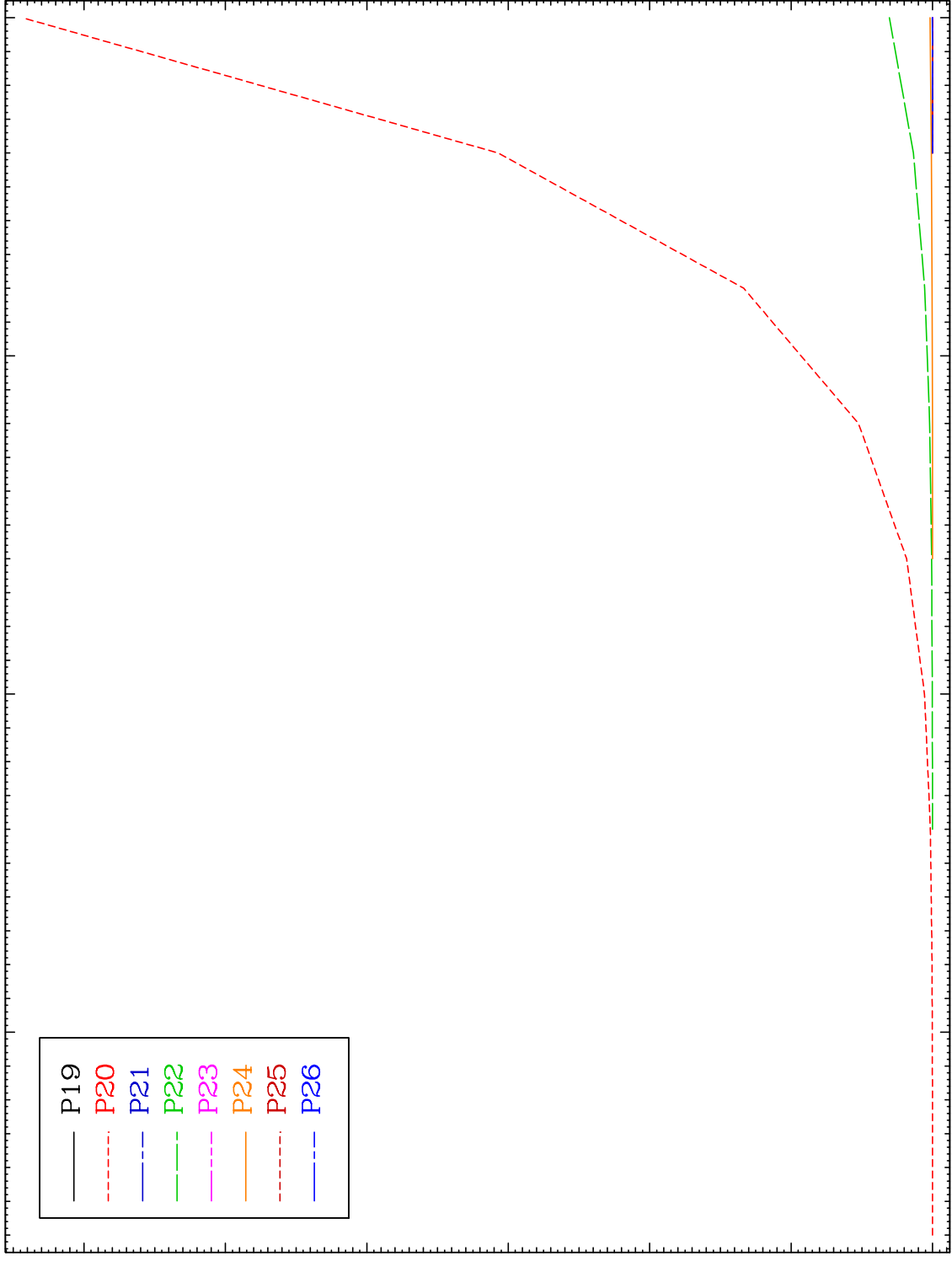
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Elastic Legendre Coefficients

53-I -134m



$\times 10^{-6}$   
Legendre (CM)



19

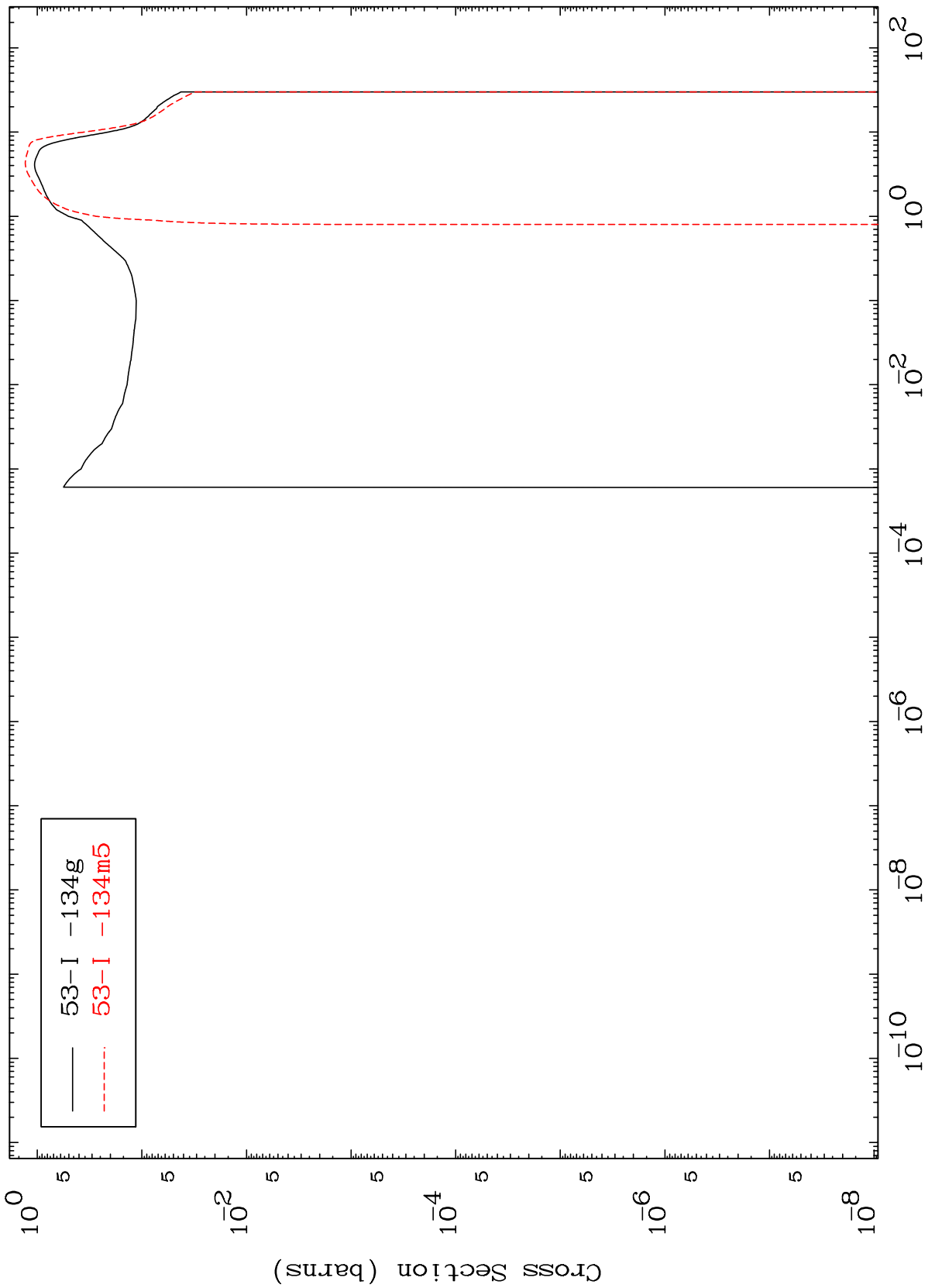
Incident Energy (MeV)

53-I -134m

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53-I -134m

Inelastic  
Radionuclide Production Cross Section

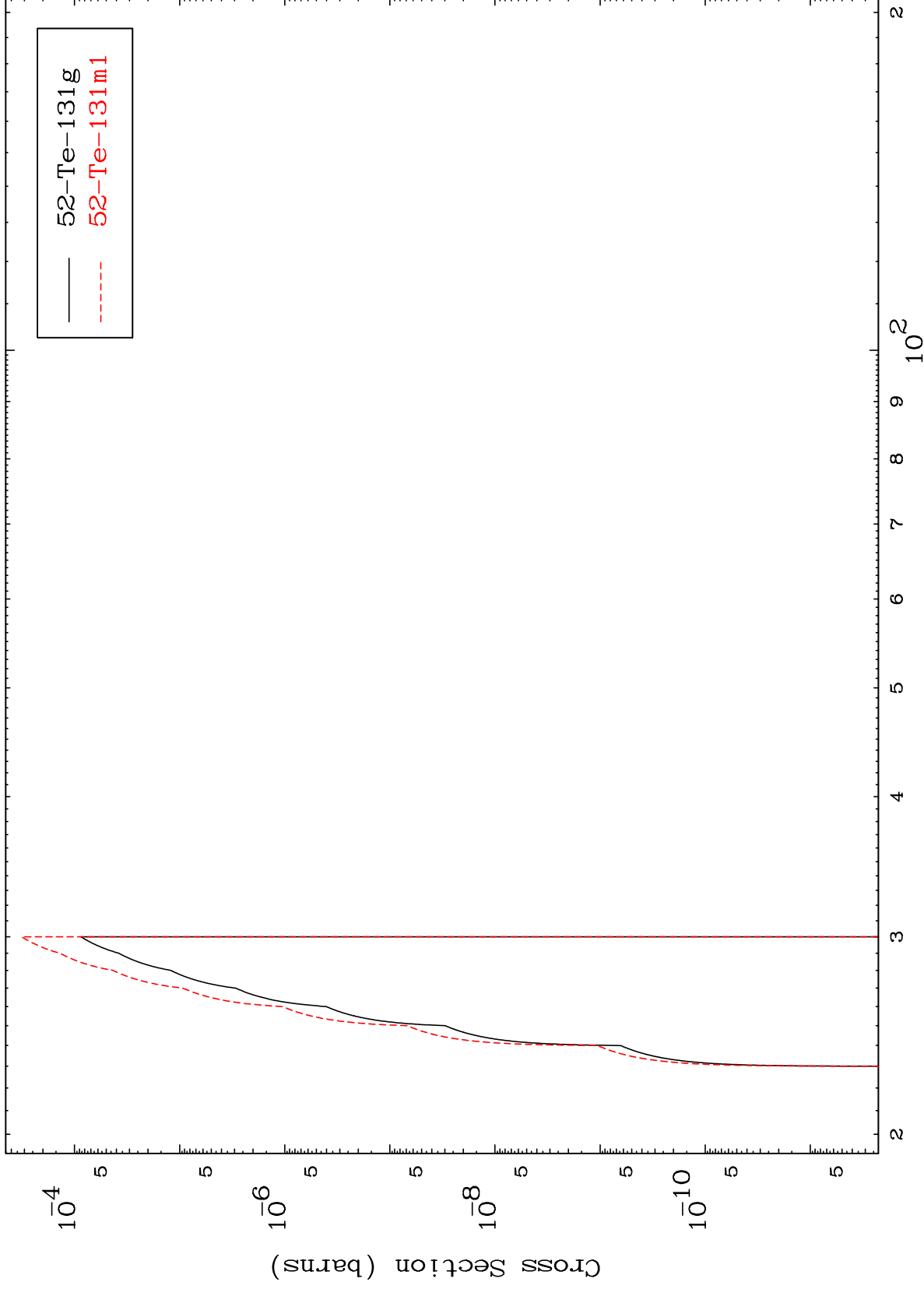


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(n,2n) d

53-I -134m

Radionuclide Production Cross Section



21

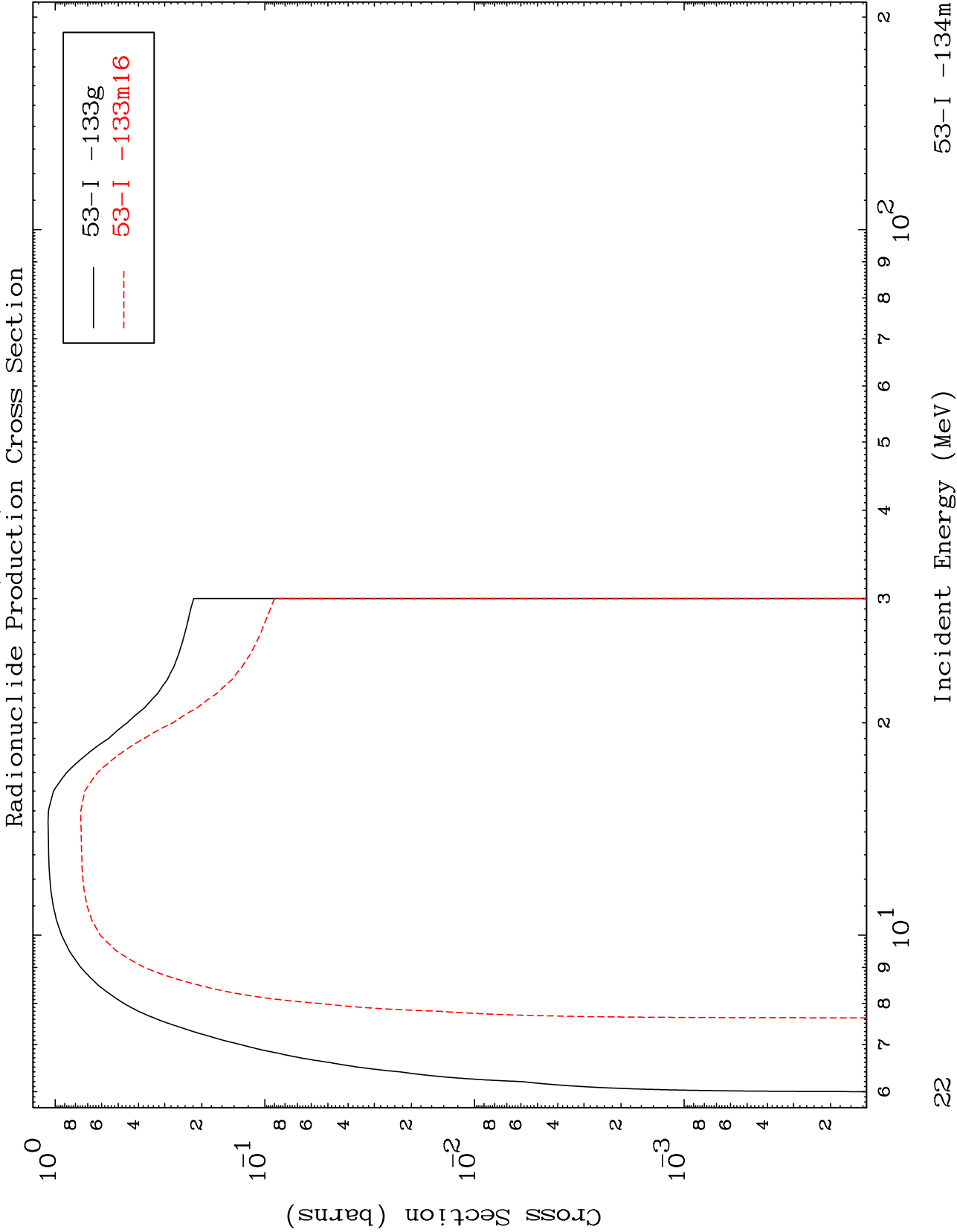
Incident Energy (MeV)

53-I -134m

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(n,2n)

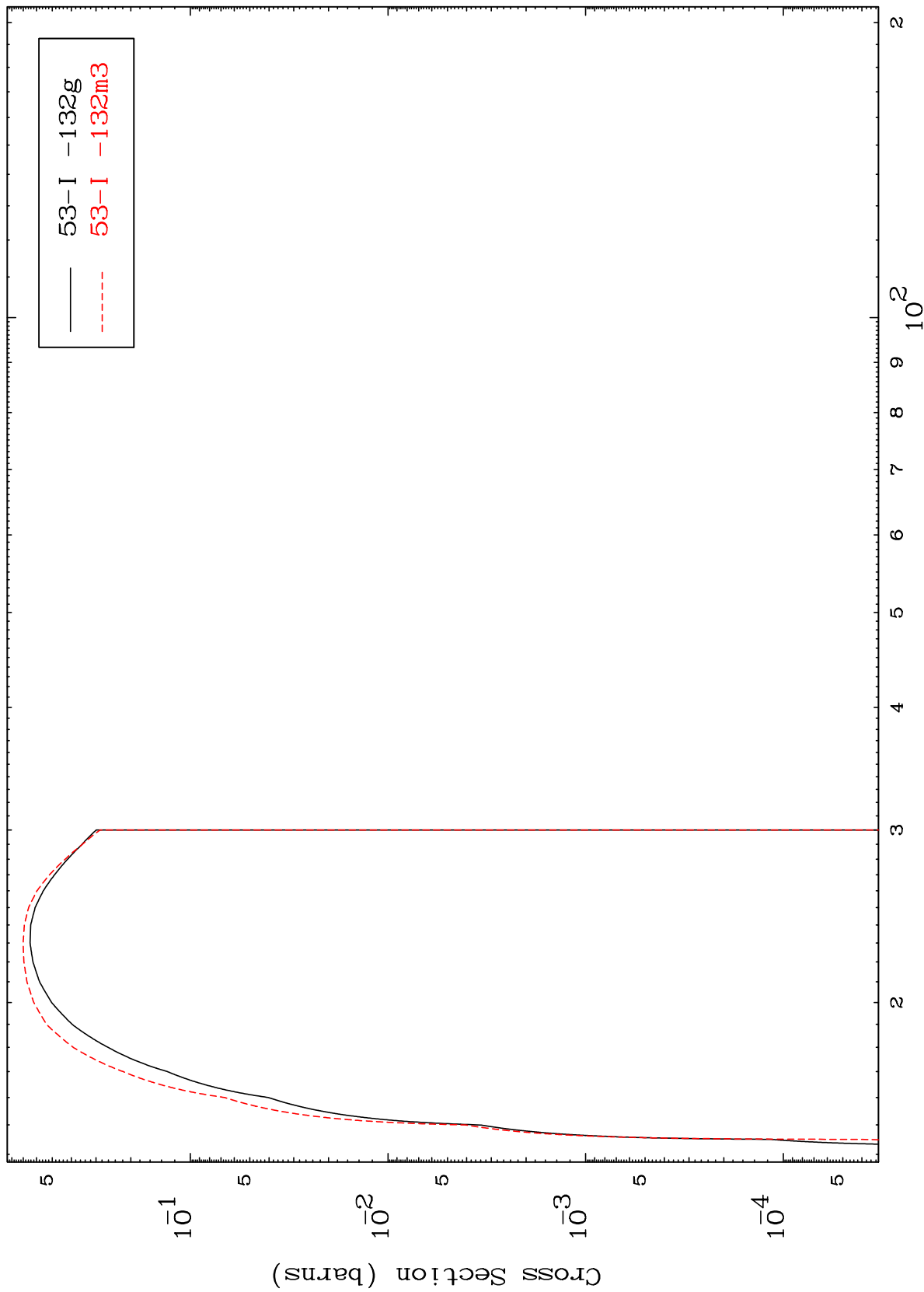
53-I -134m



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53-I -134m

(n,3n)  
Radionuclide Production Cross Section



23

53-I -134m

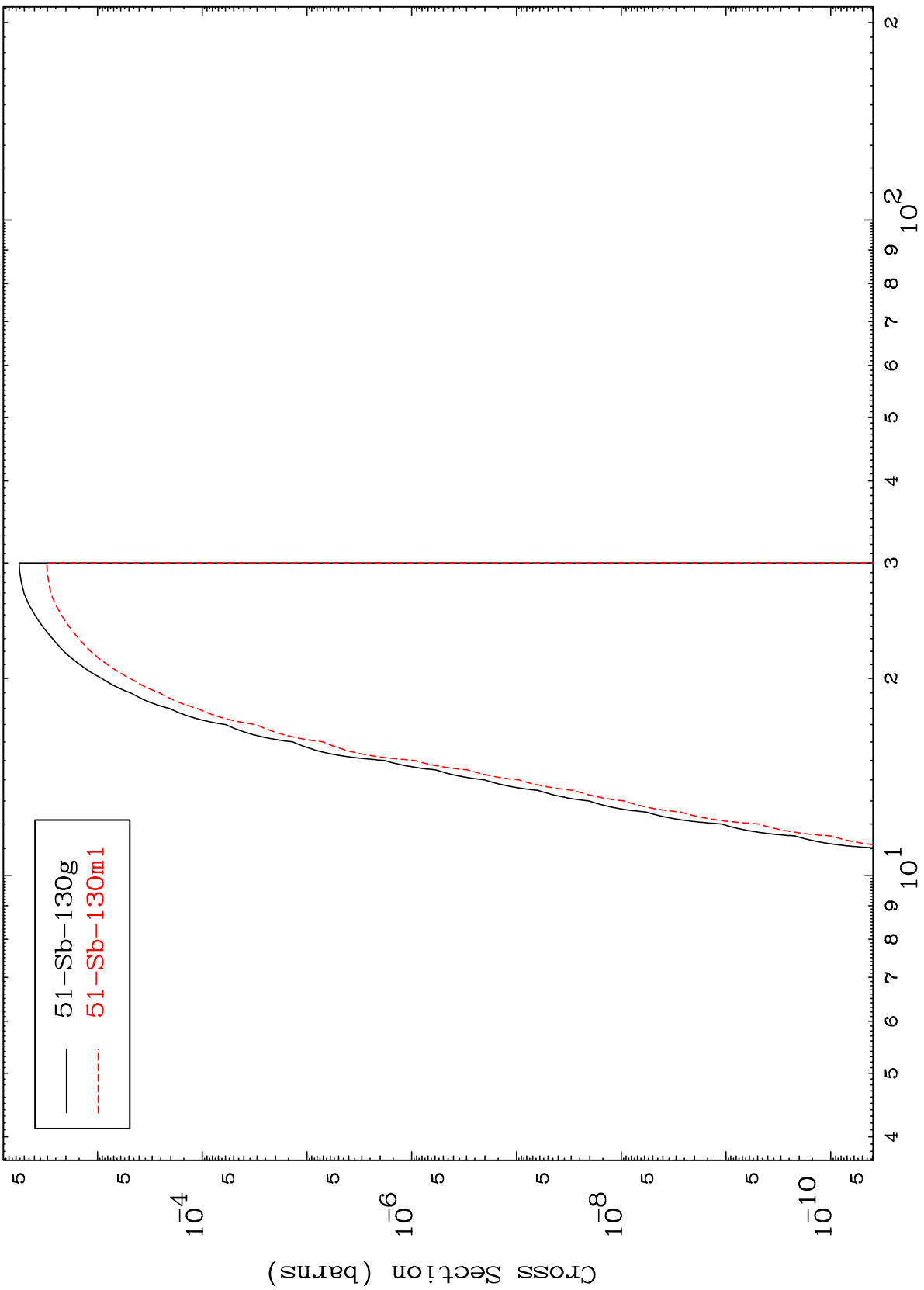
Incident Energy (MeV)

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(n,n')  $\alpha$

53-I -134m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

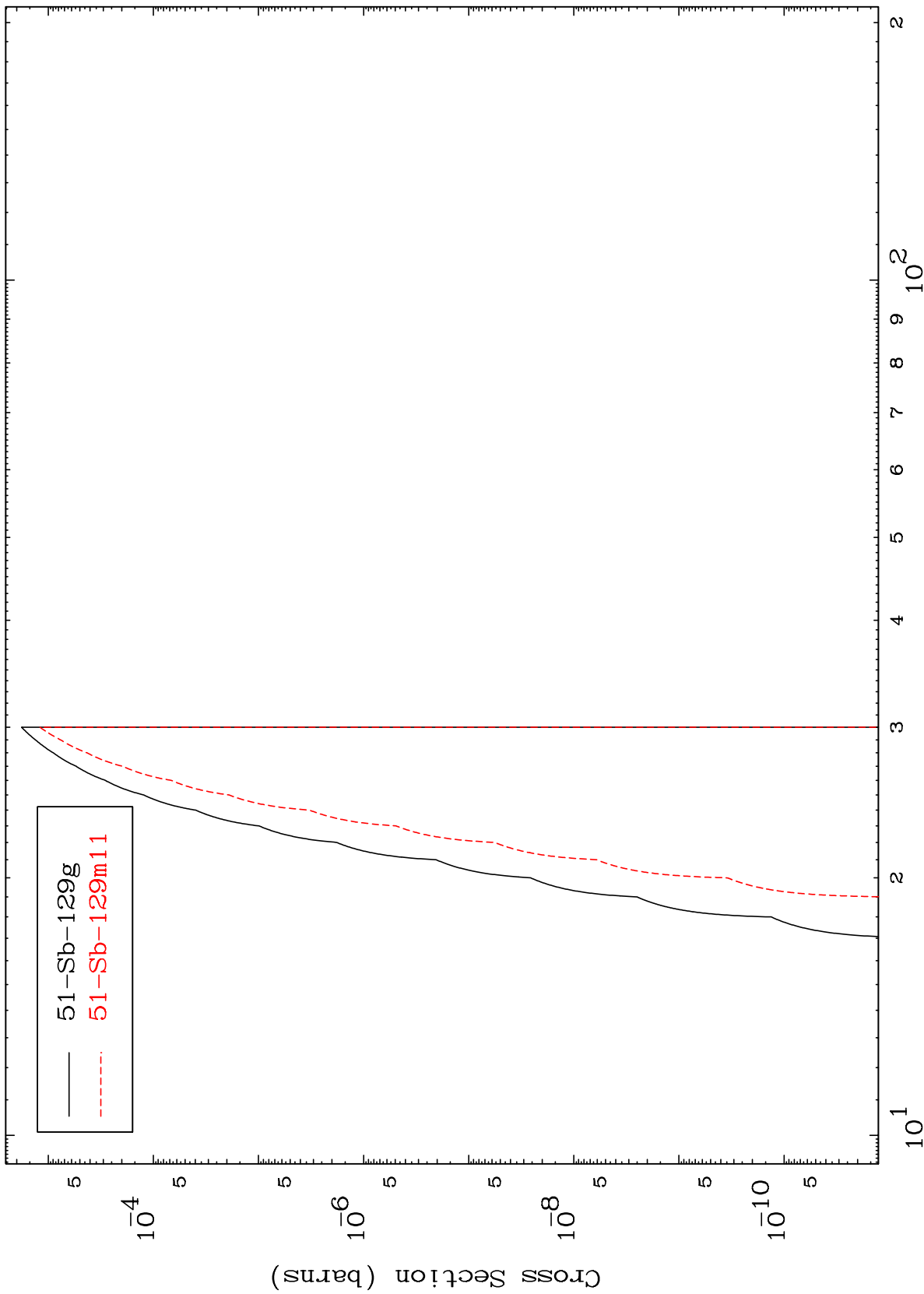
53-I -134m

MAT 5347

(n,2n)  $\alpha$

53-I -134m

Radionuclide Production Cross Section

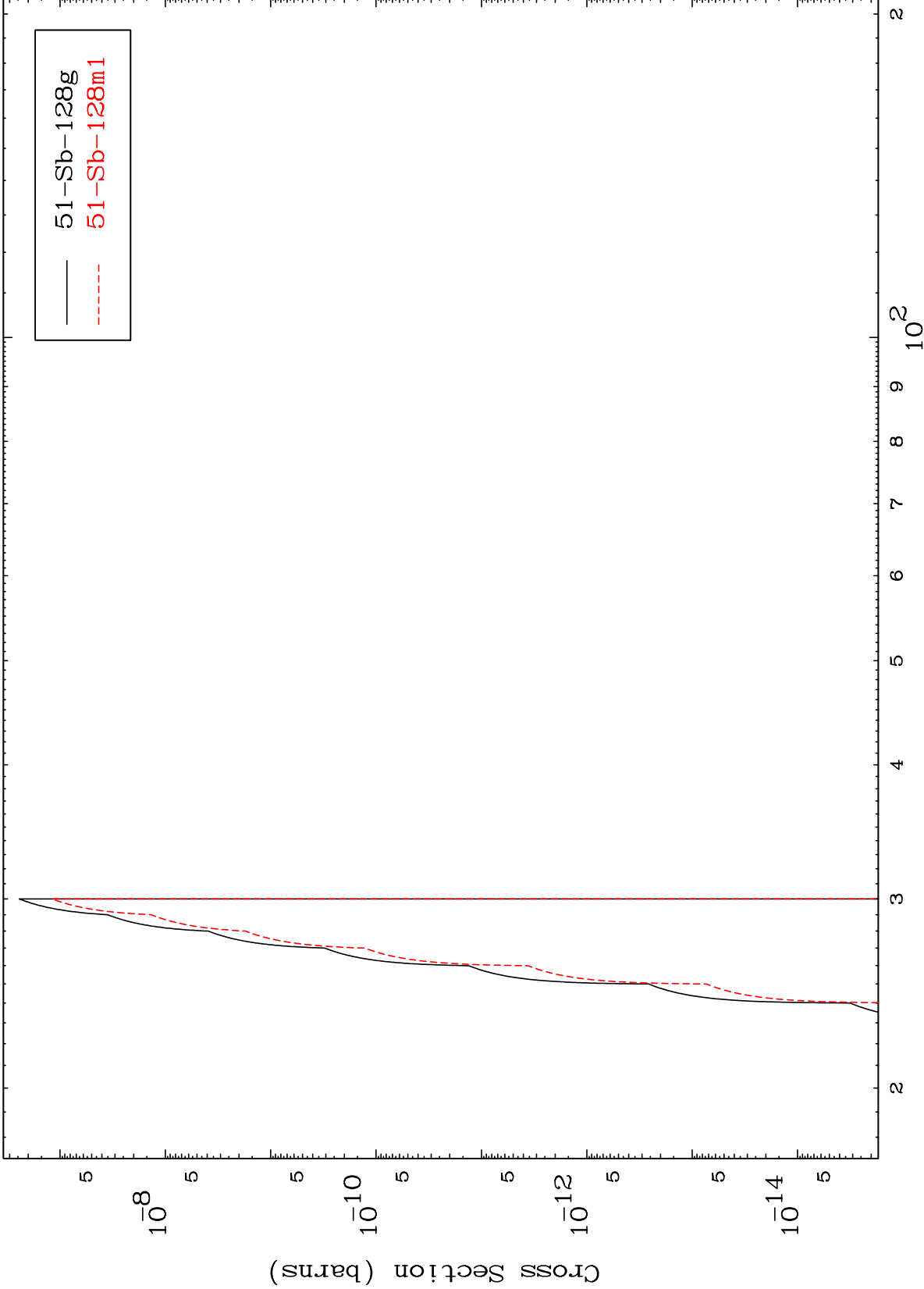


Incident Energy (MeV)

53-I -134m

25

Radionuclide Production Cross Section

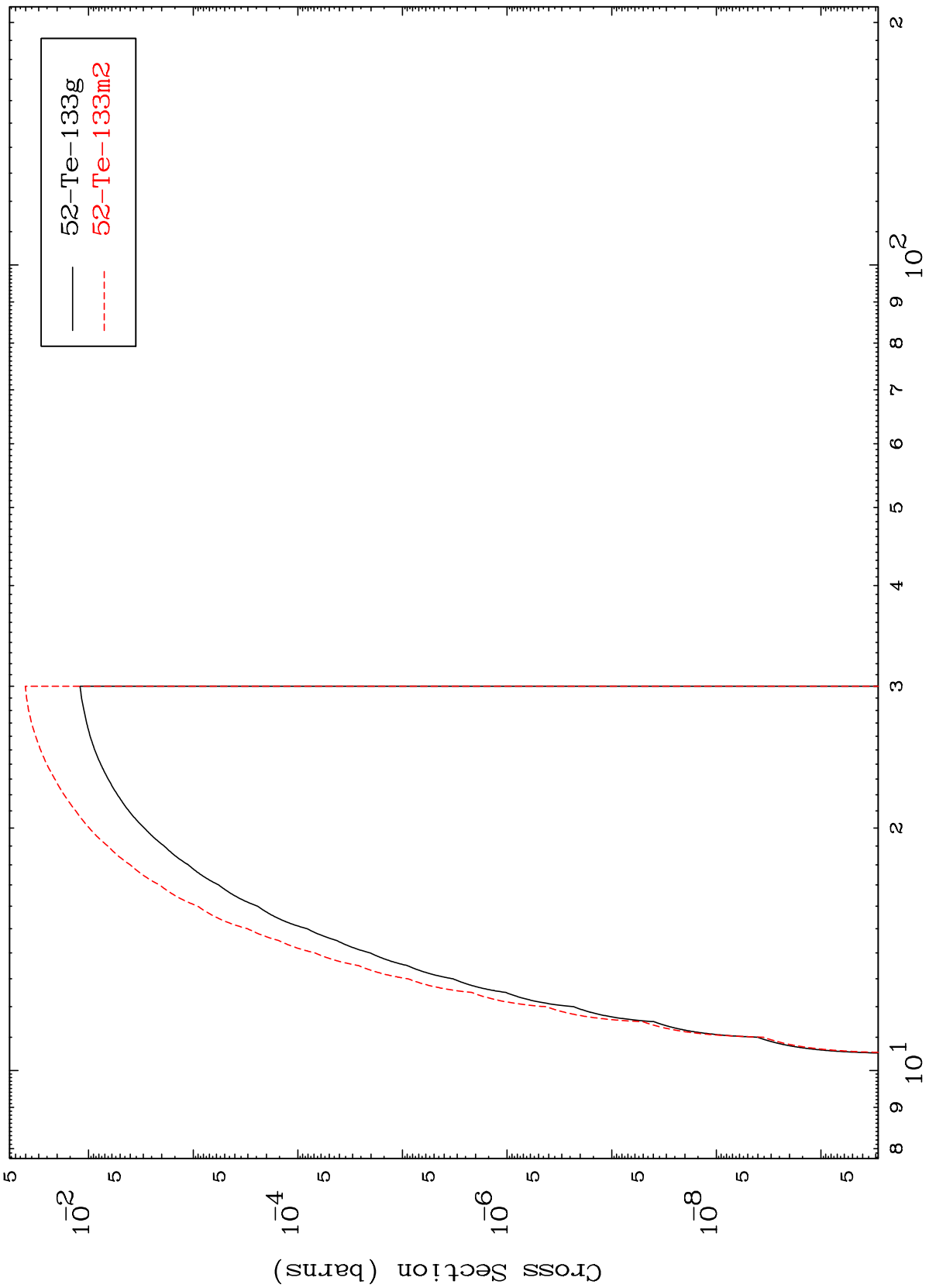


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(n,n') p

53-I -134m

Radionuclide Production Cross Section



27

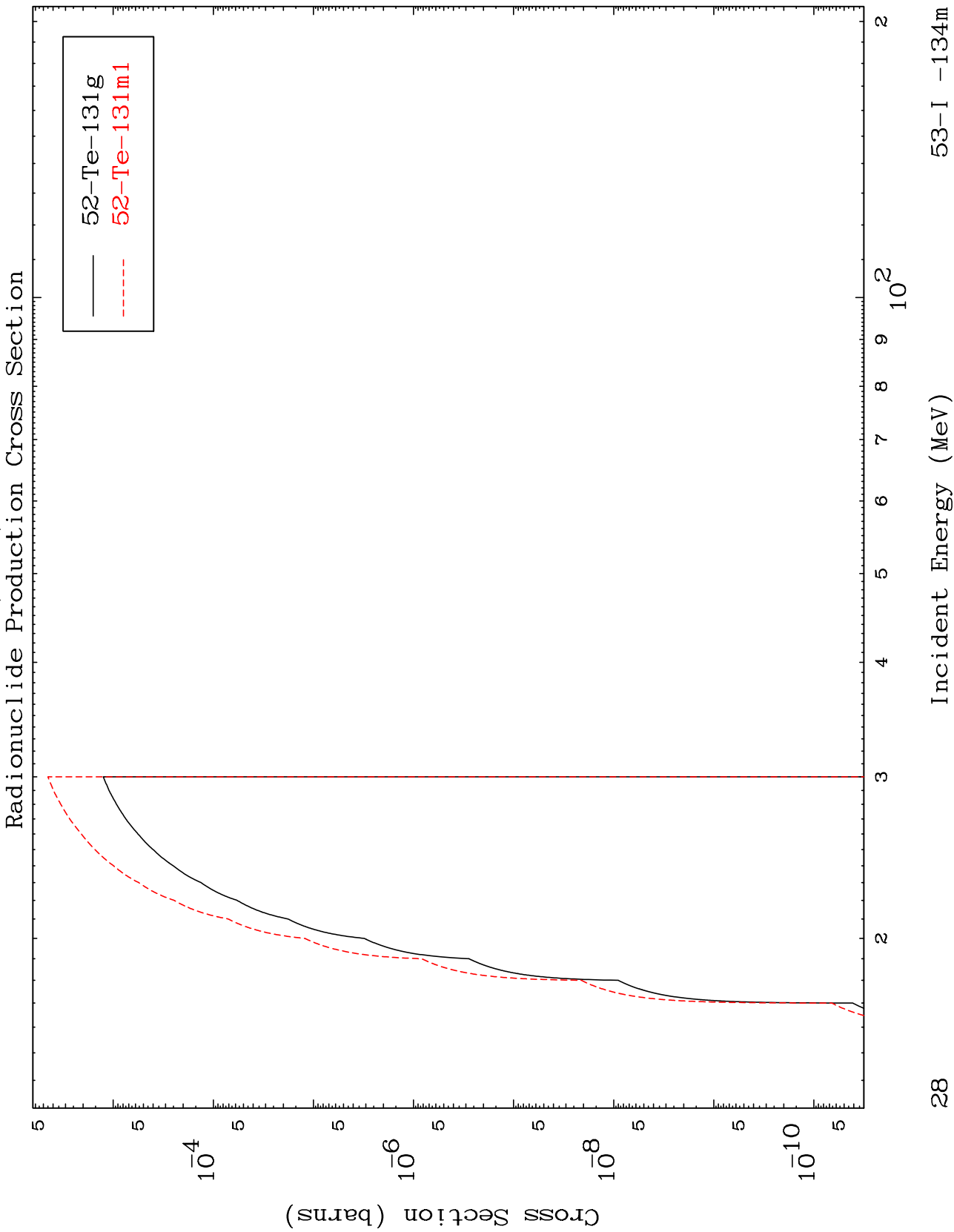
Incident Energy (MeV)

53-I -134m

MAT 5347

(n,n') t

53-I -134m

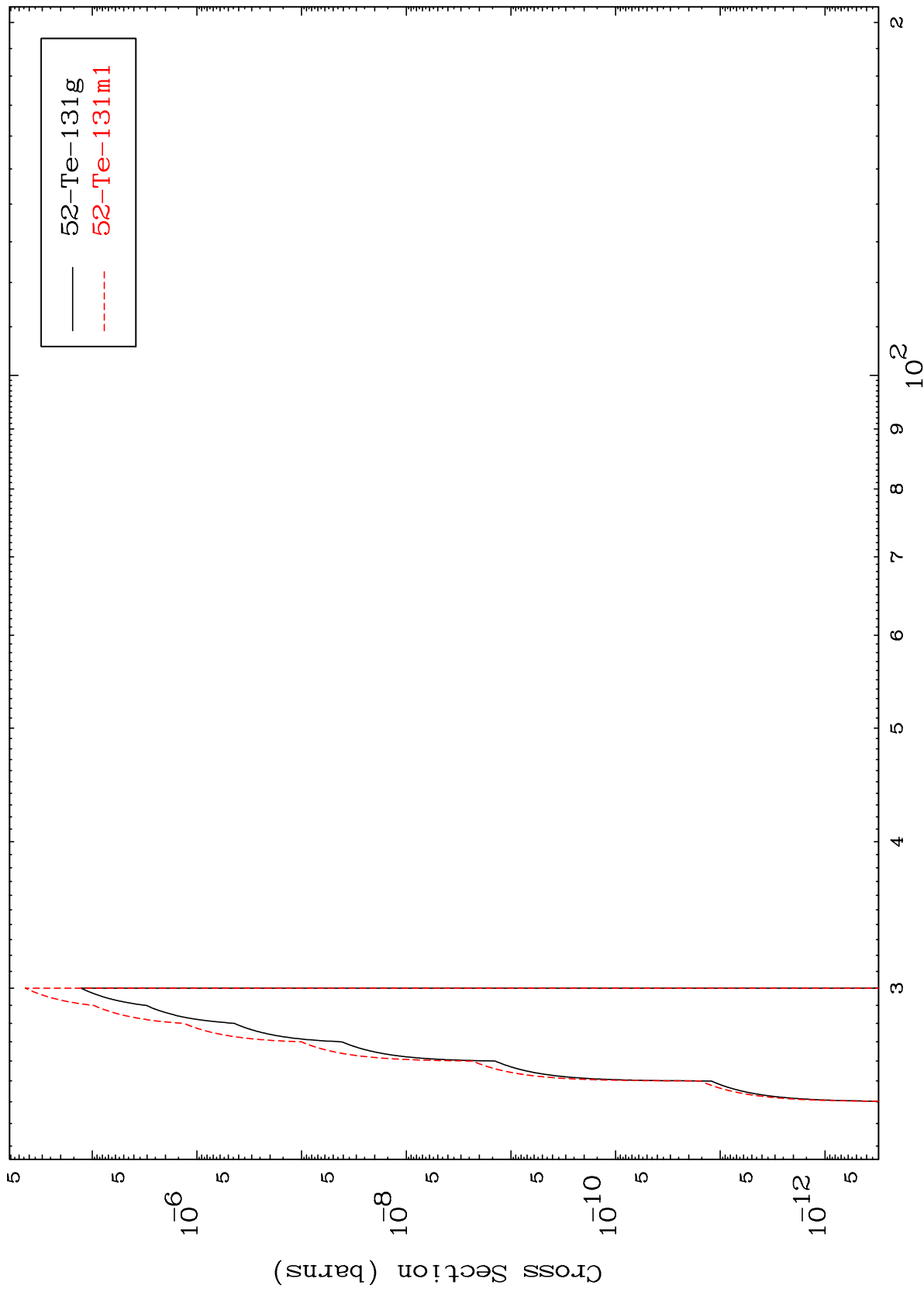


28

Incident Energy (MeV)

53-I -134m

Radionuclide Production Cross Section

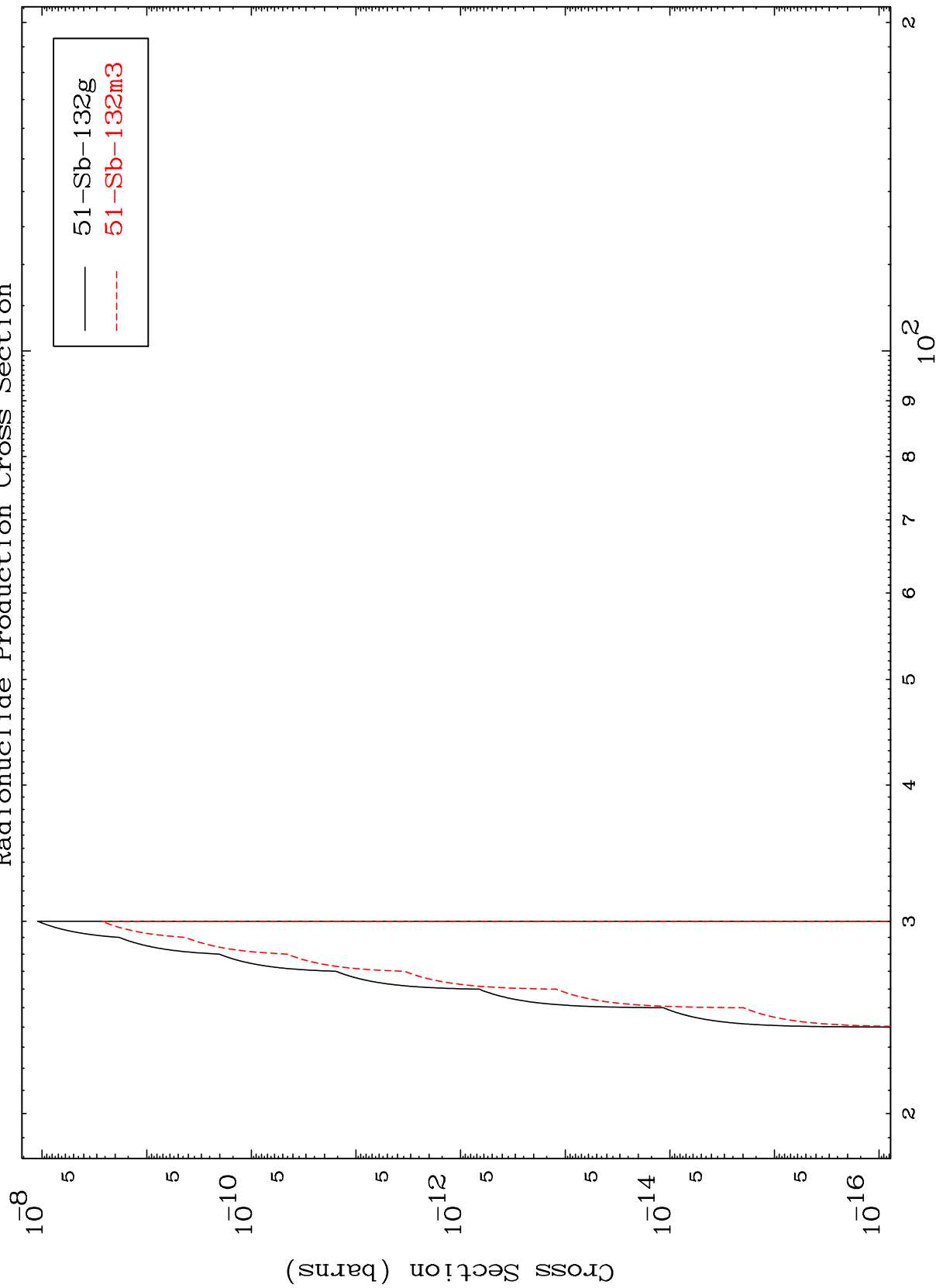


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(n,2n) p

53-I -134m

Radionuclide Production Cross Section



51-Sb-132g  
51-Sb-132m3

30

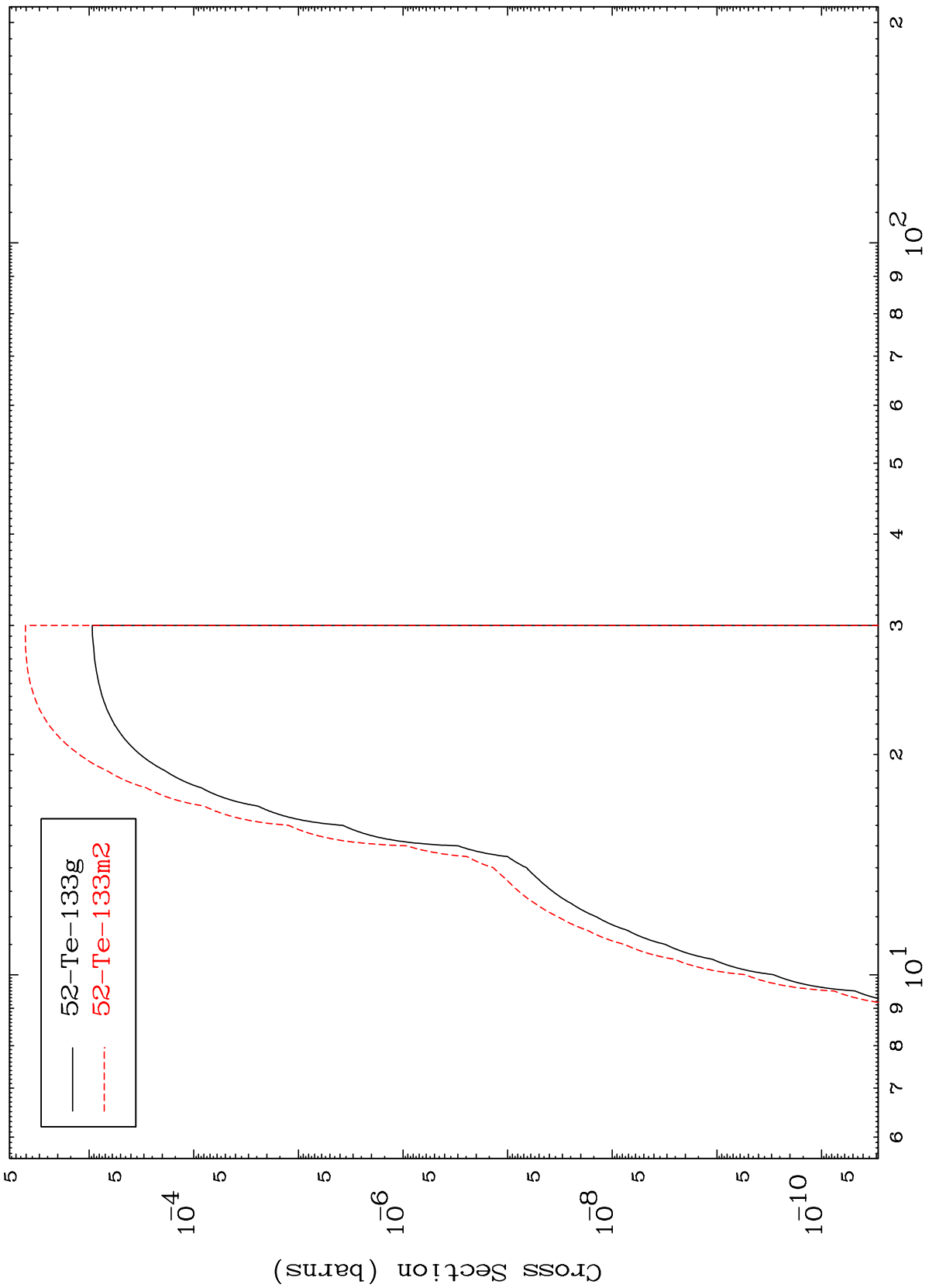
Incident Energy (MeV)

53-I -134m

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53-I -134m

(n,d)  
Radionuclide Production Cross Section



31

Incident Energy (MeV)

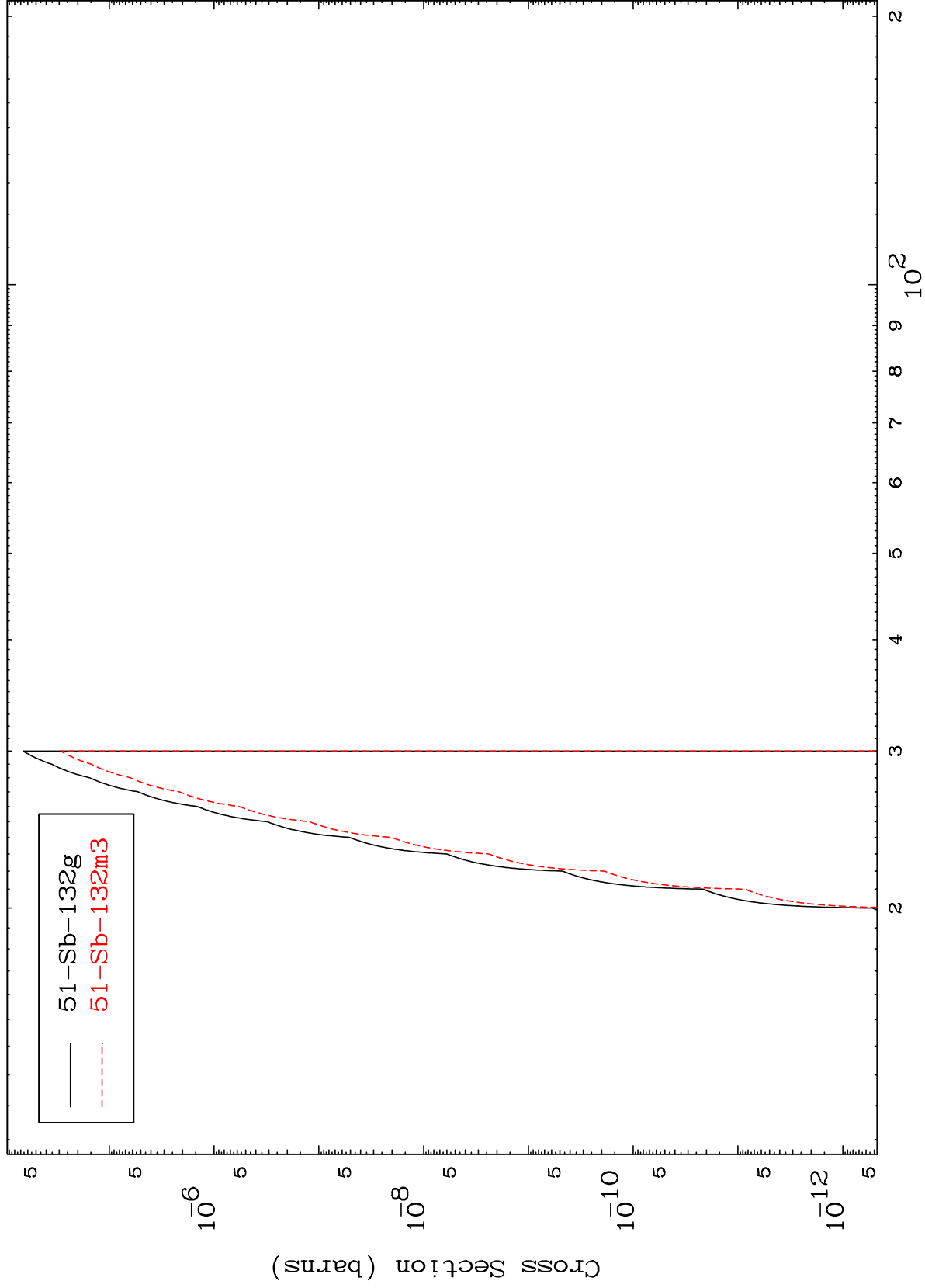
53-I -134m

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(n,He-3)

53-I -134m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

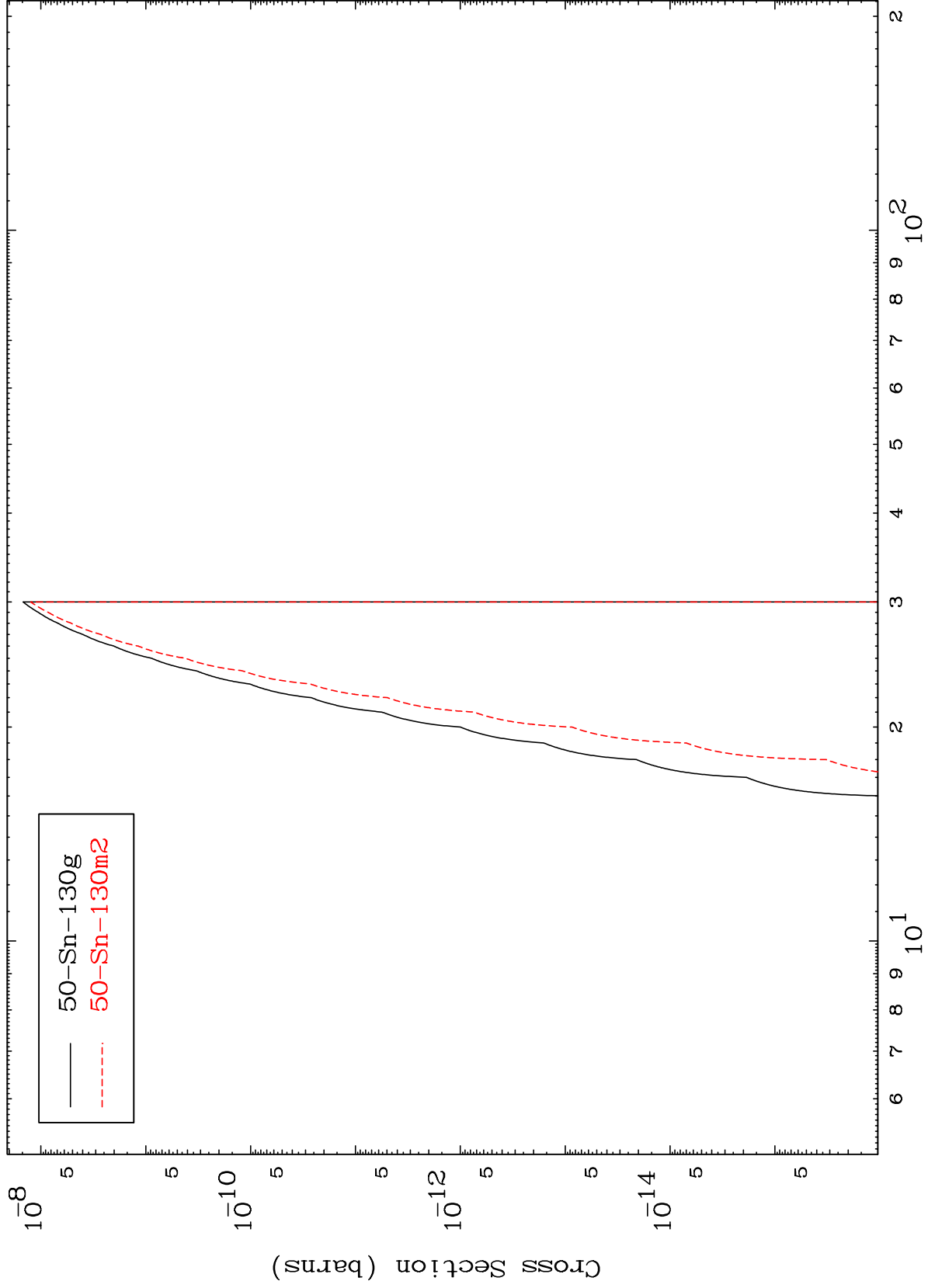
53-I -134m

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(n,p)  $\alpha$

53-I -134m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

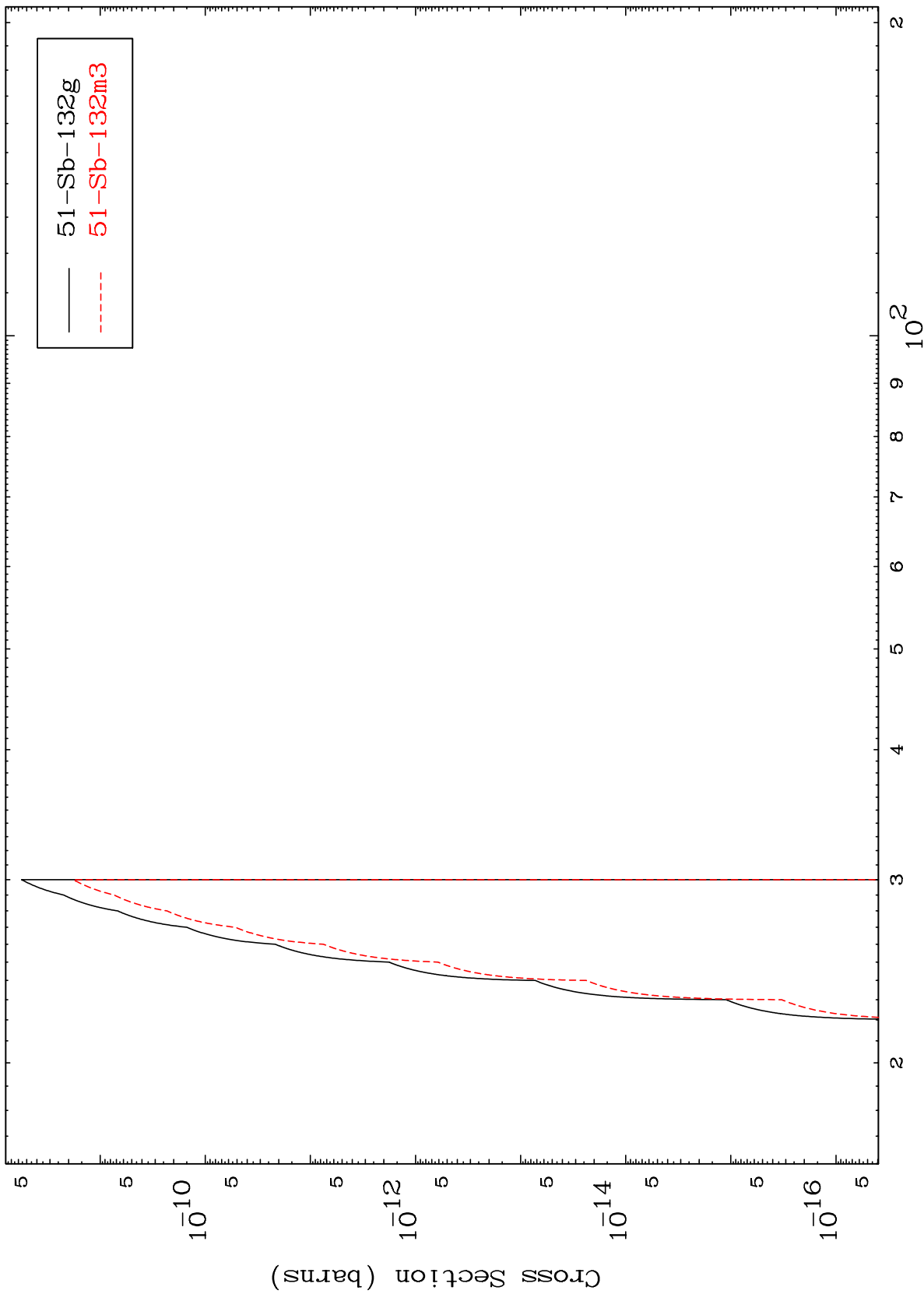
53-I -134m

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(n,p) d

53-I -134m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

53-I -134m