

Program EVALPLOT
(Version 2021-1)

by

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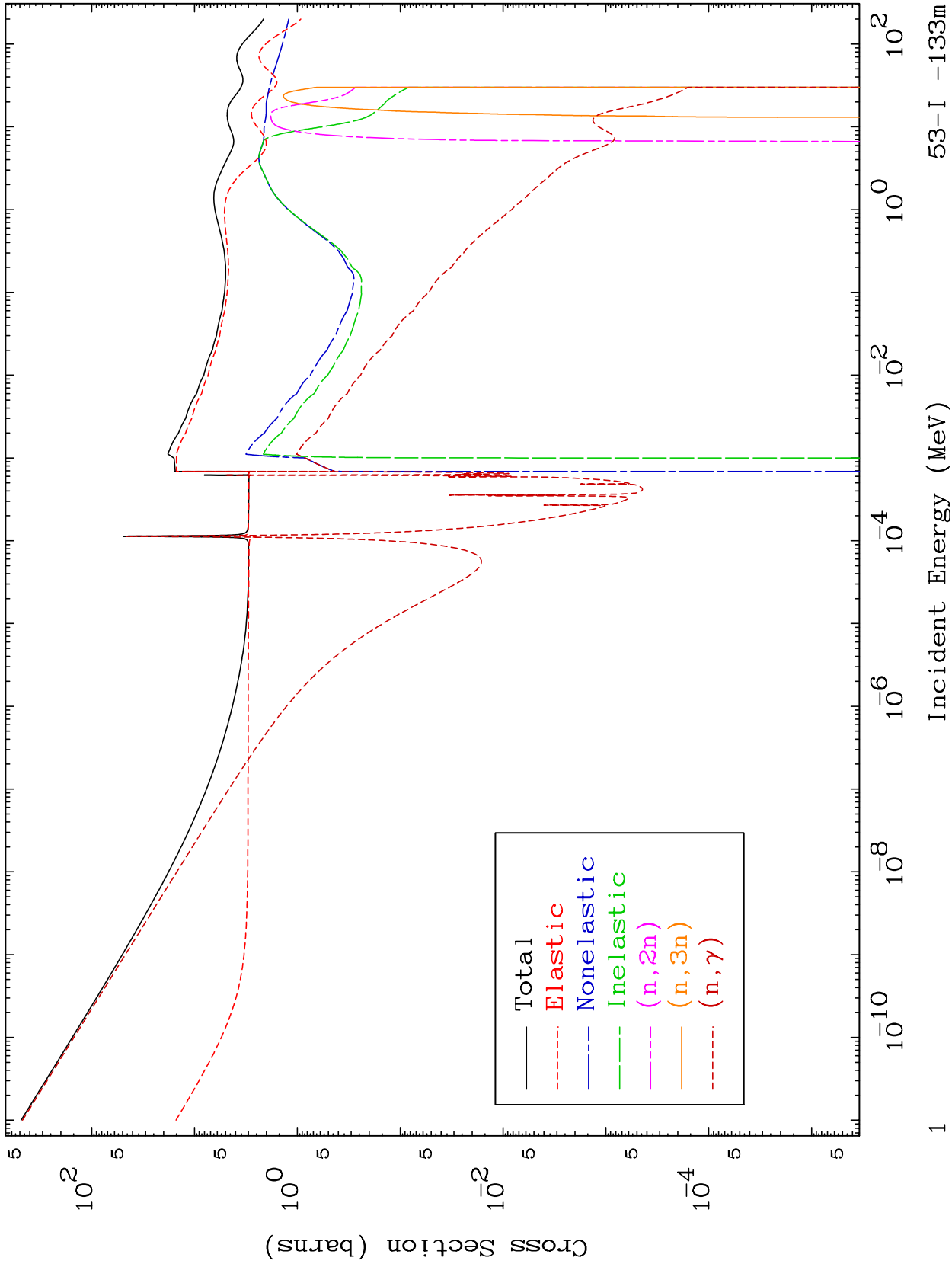
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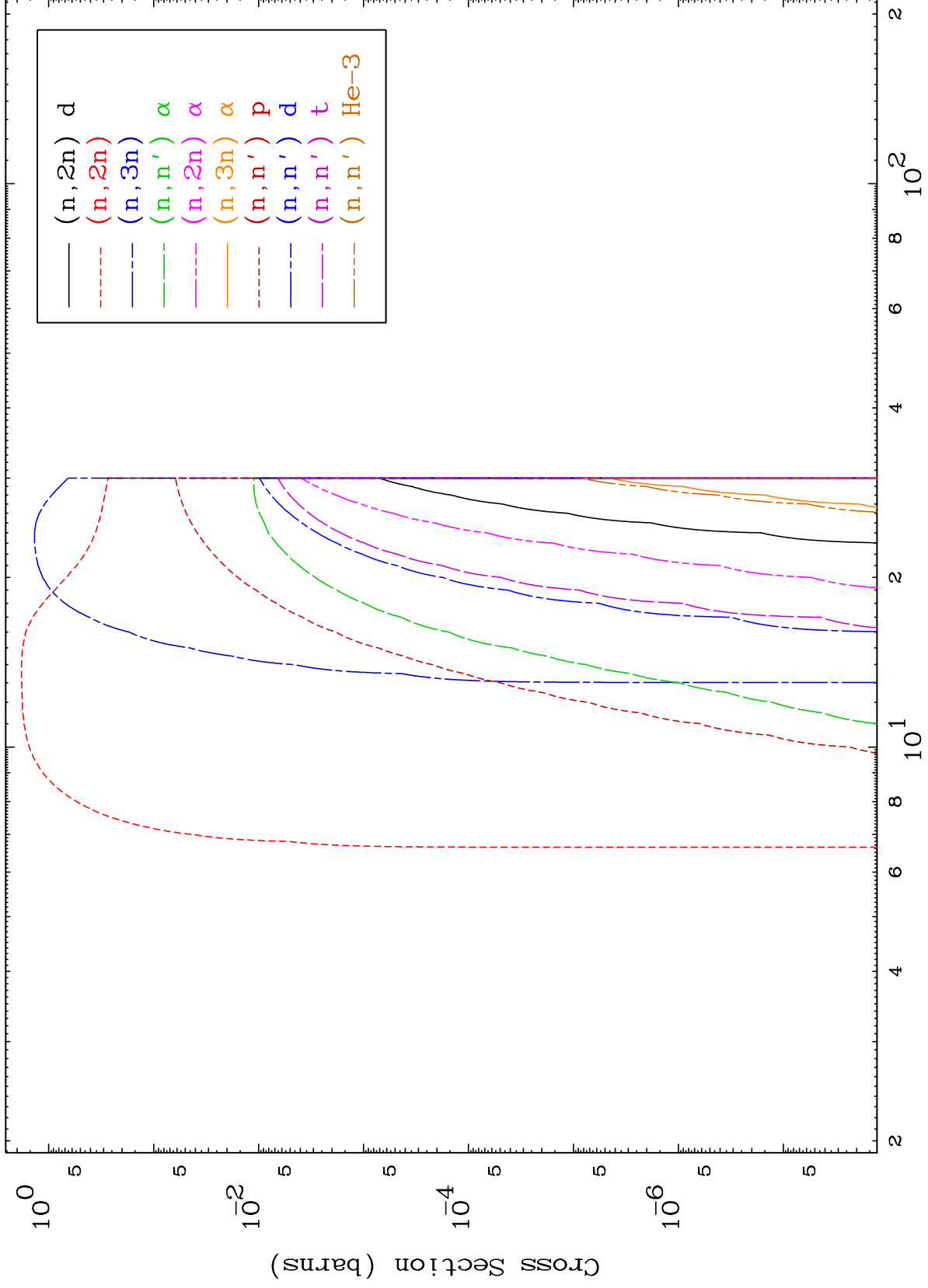
Press Mouse Button to Start

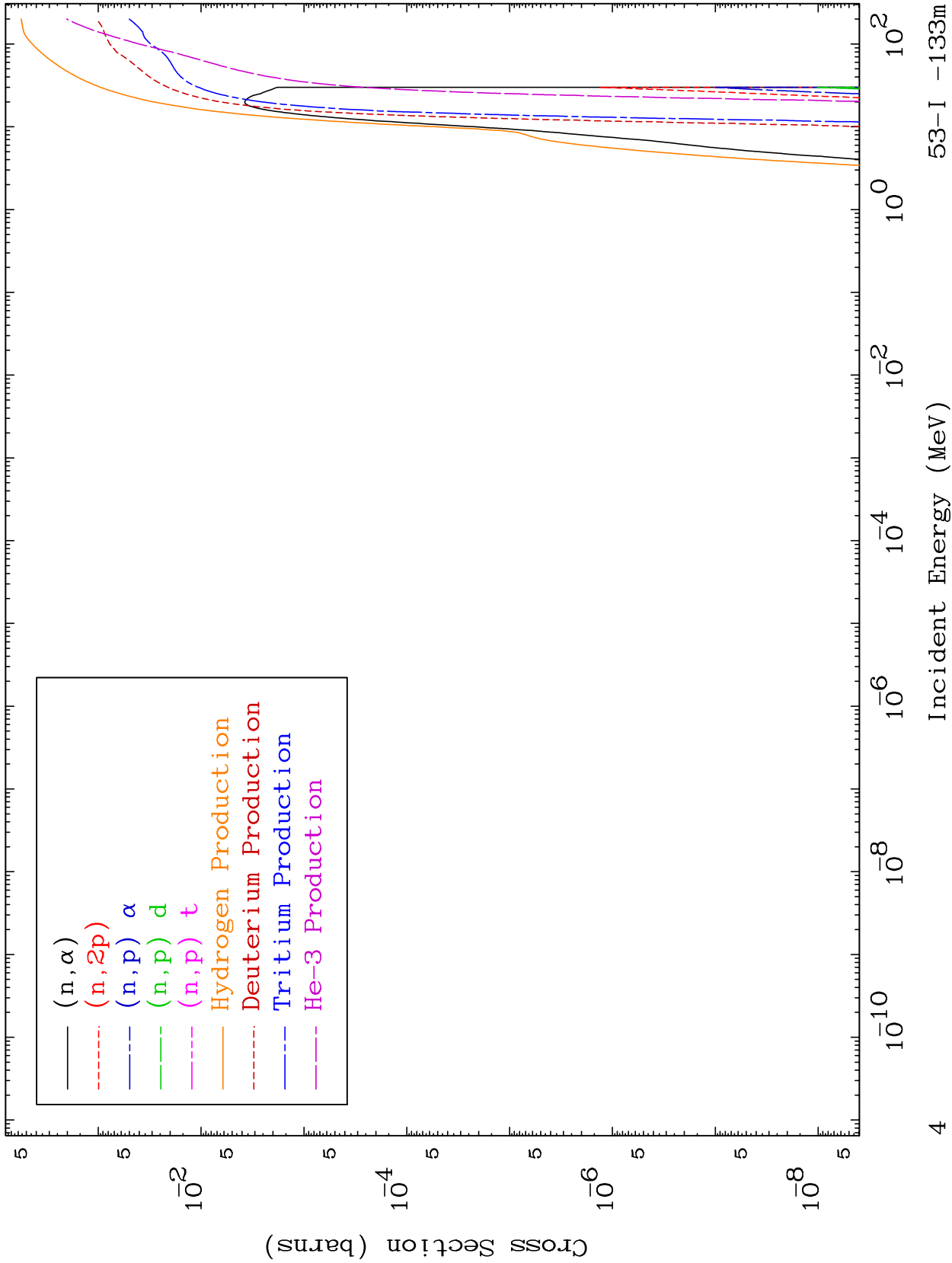
MAT 5344

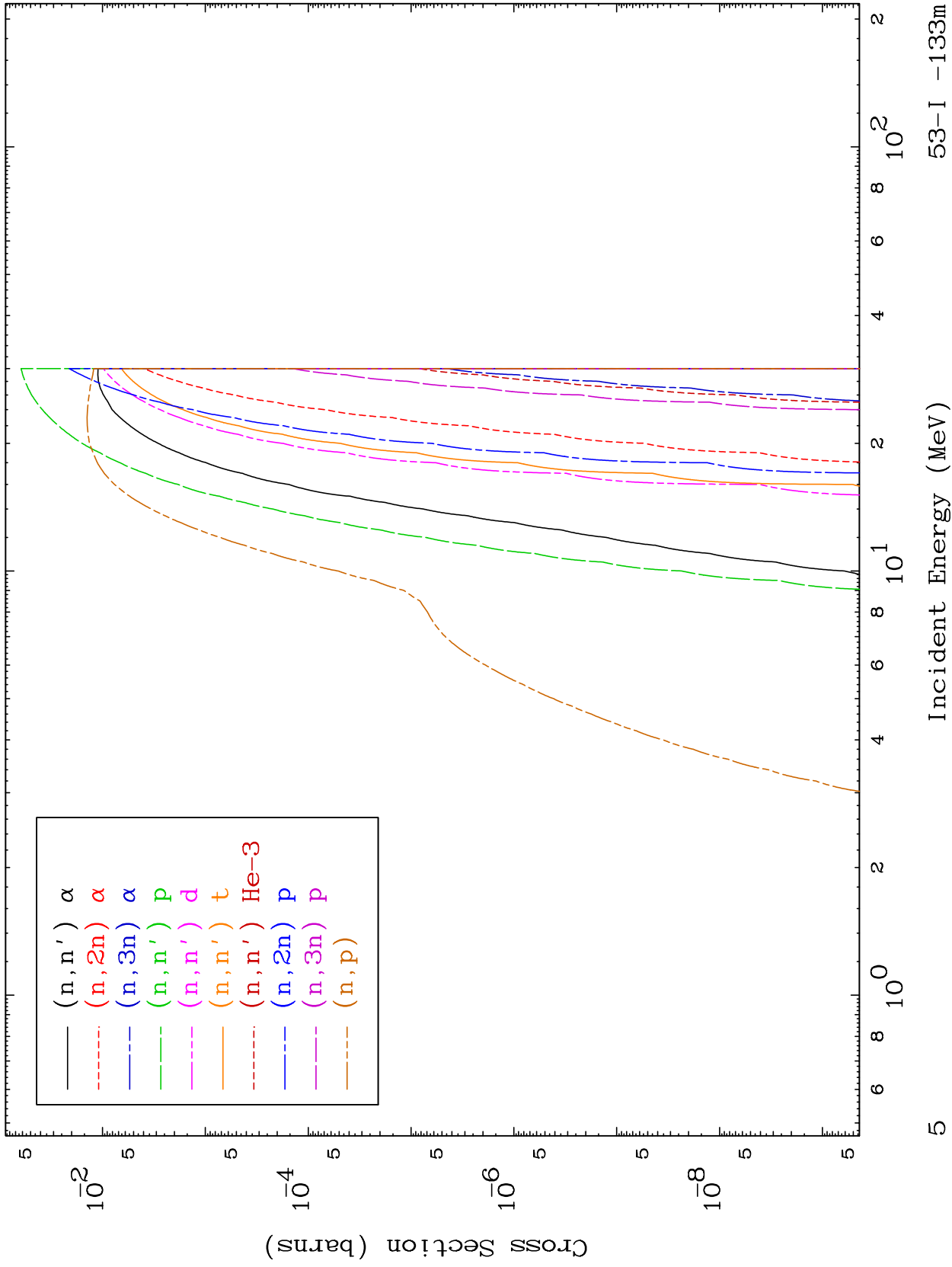
Neutron Major
293 Kelvin Cross Sections

53-I -133m





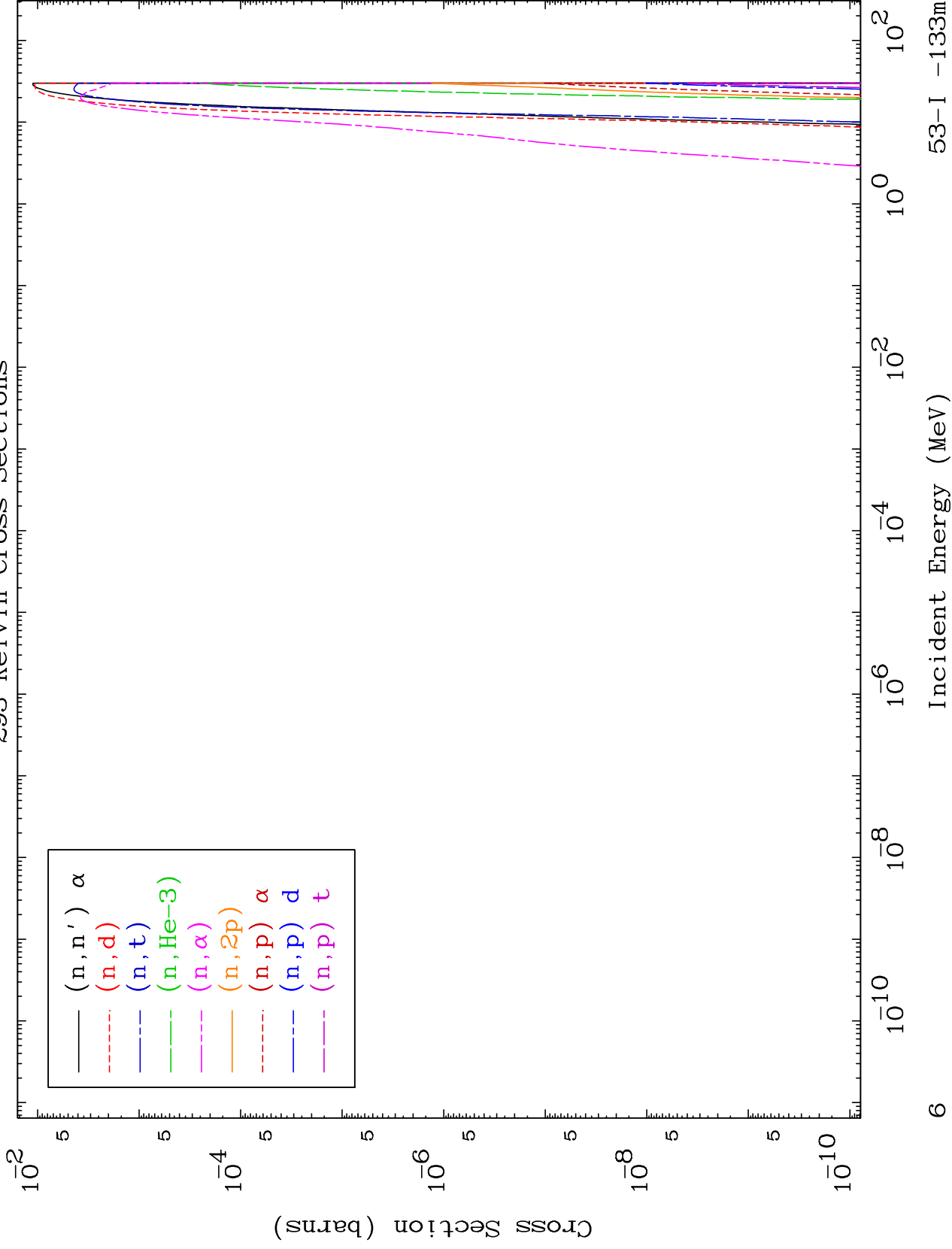


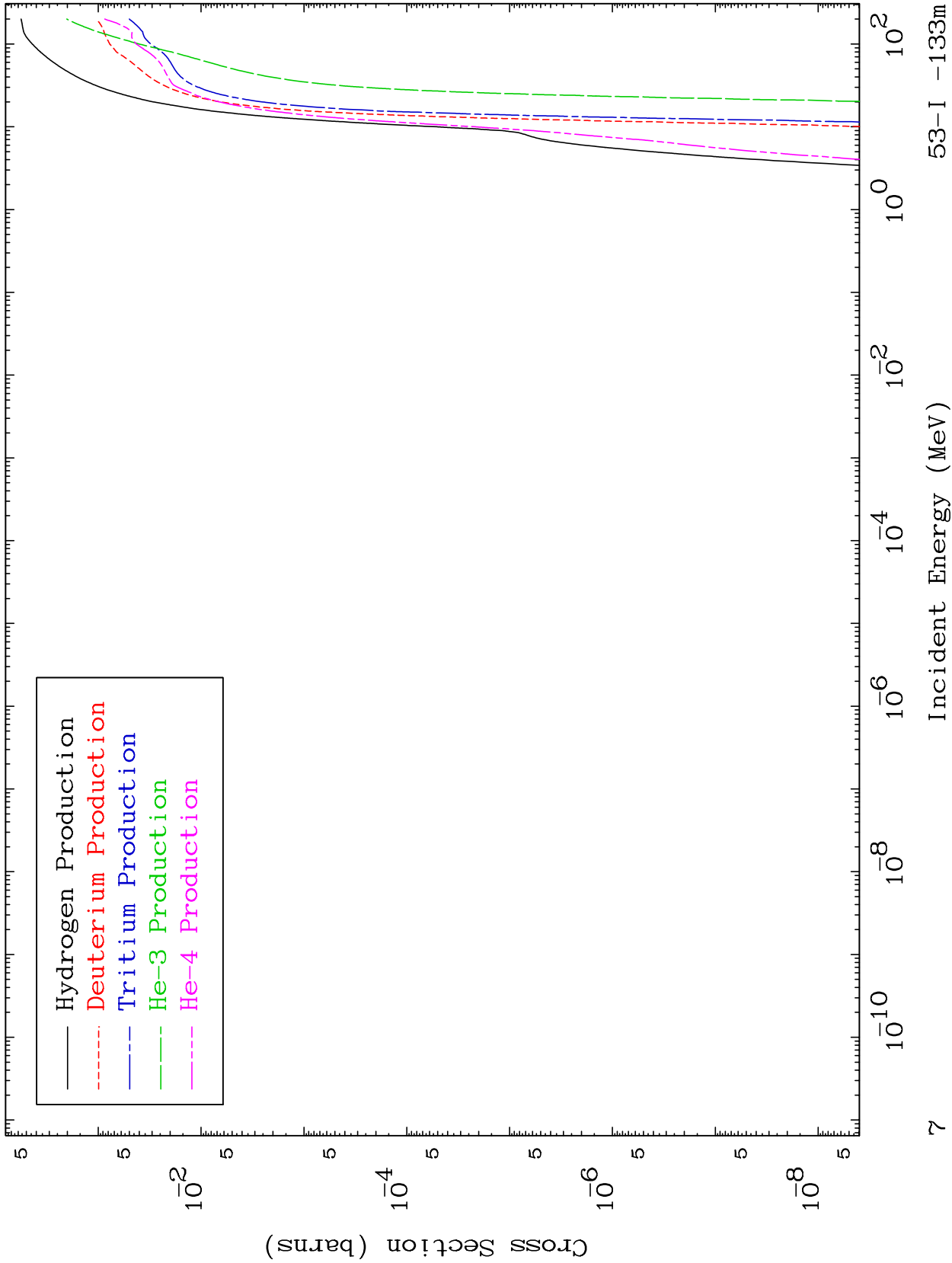


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Charged Particle
293 Kelvin Cross Sections

53-I -133m

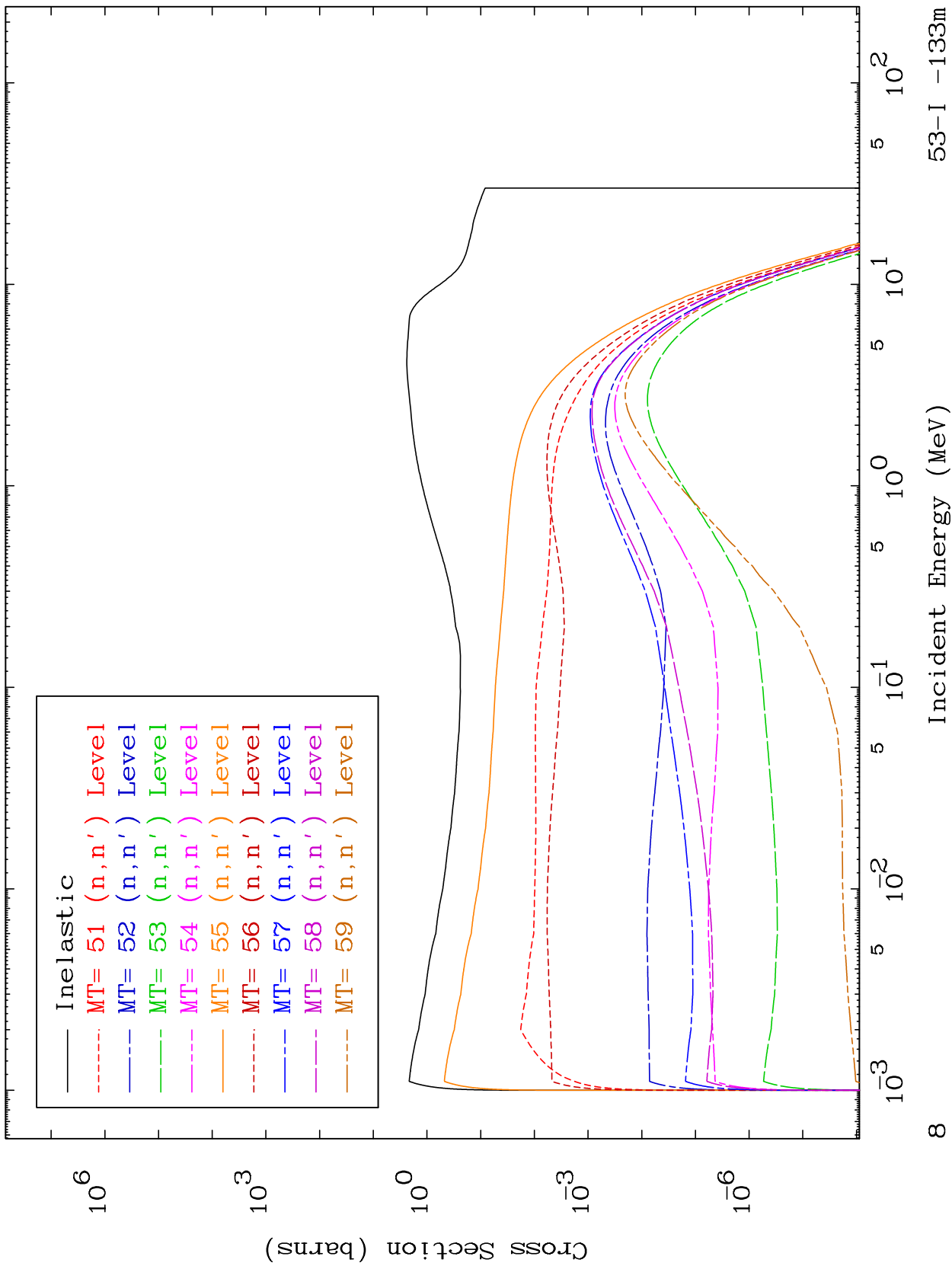




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(n,n') Levels
293 Kelvin Cross Sections

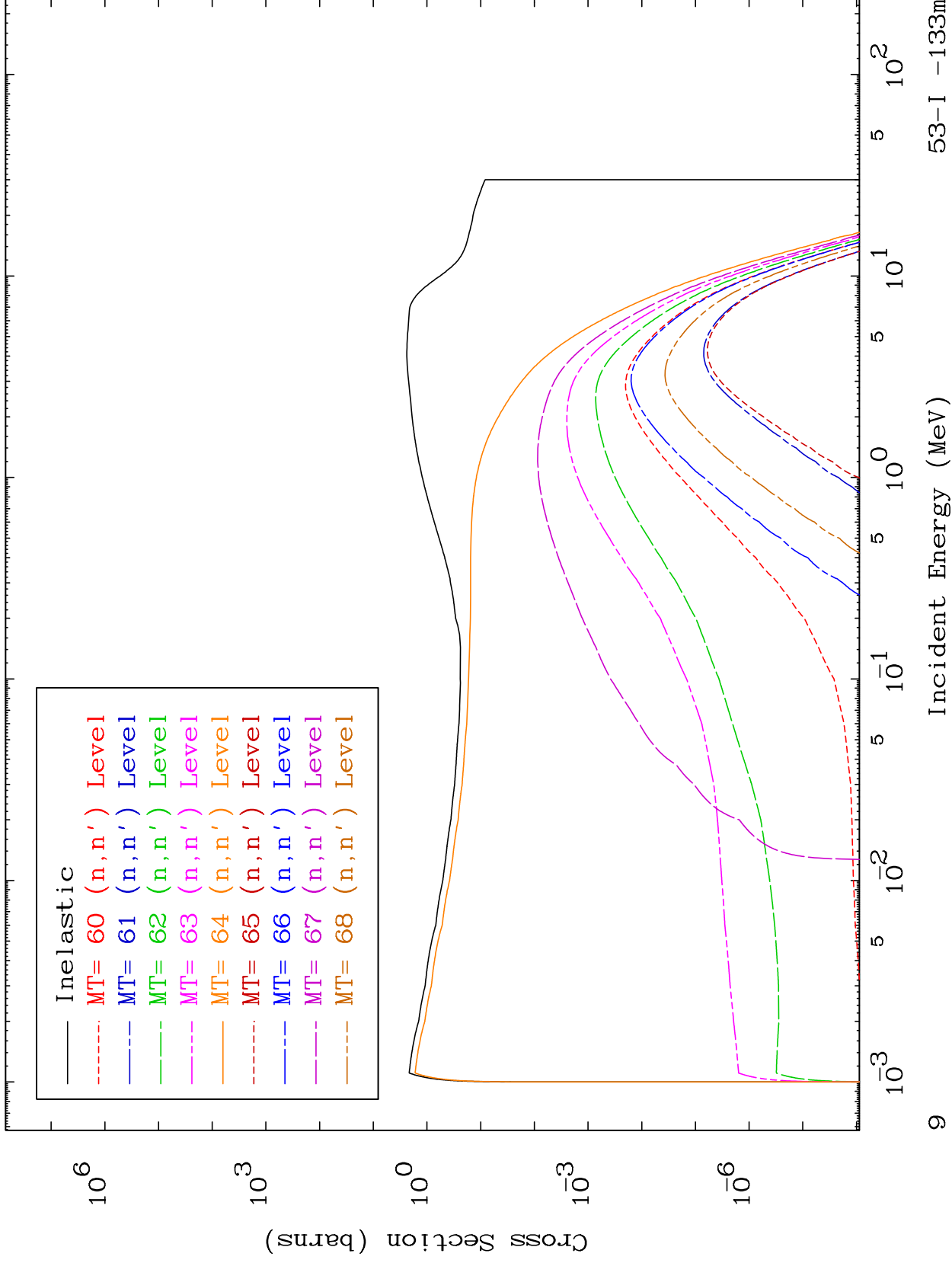
53-I -133m



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(n,n') Levels
293 Kelvin Cross Sections

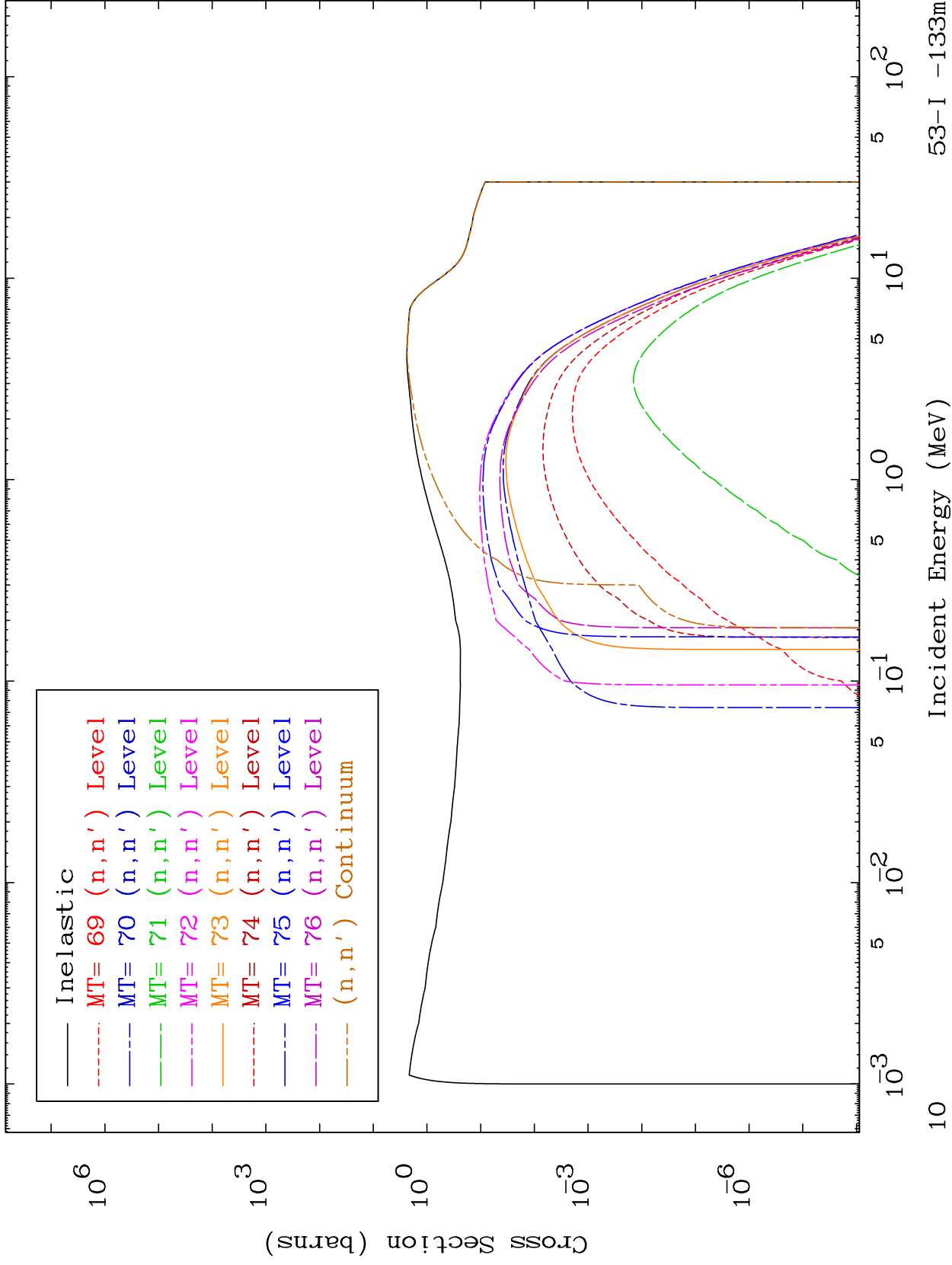
53-I -133m



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(n,n') Levels
293 Kelvin Cross Sections

53-I -133m



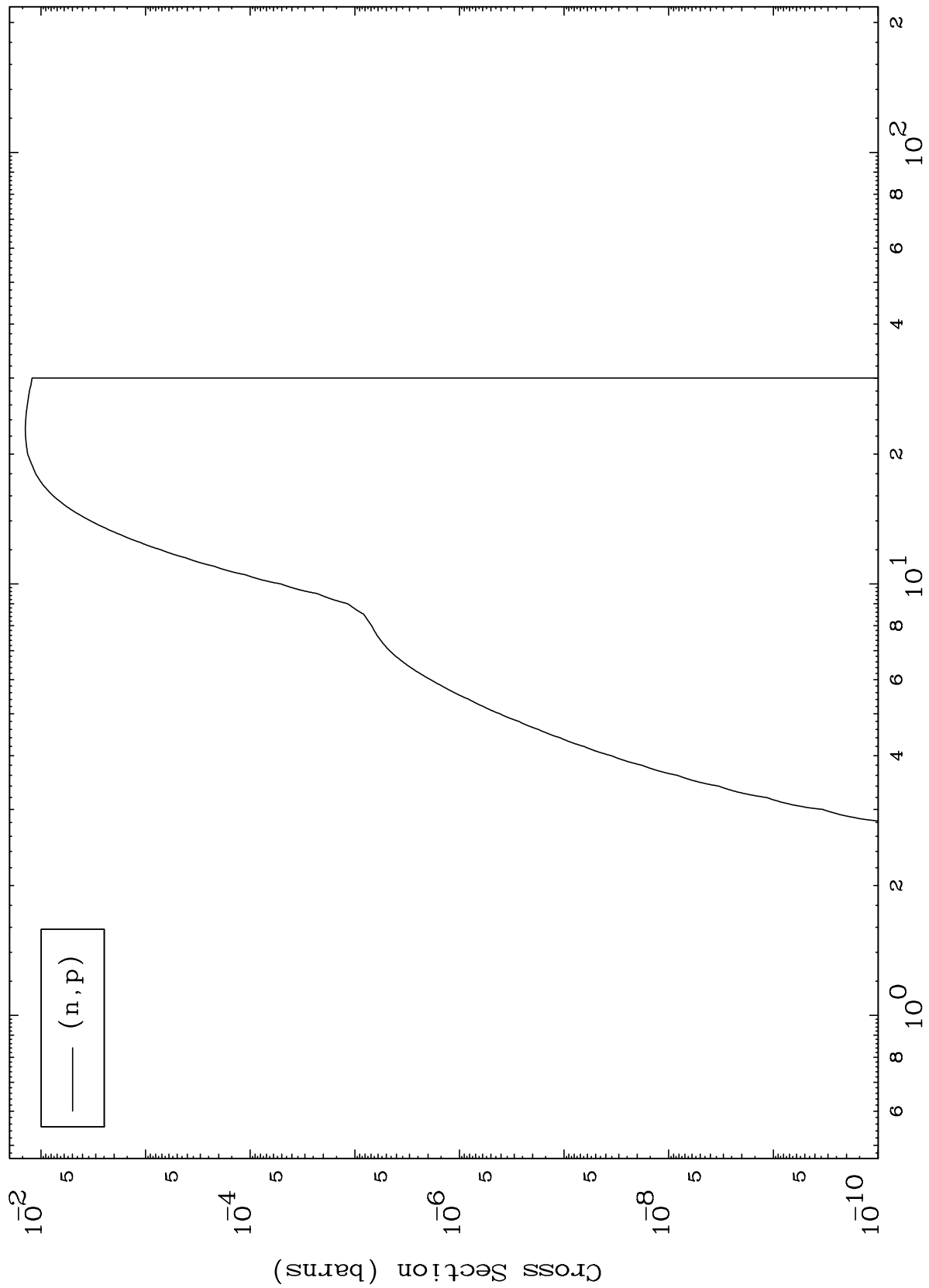
53-I -133m

Incident Energy (MeV)

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(n,p) Levels
293 Kelvin Cross Sections

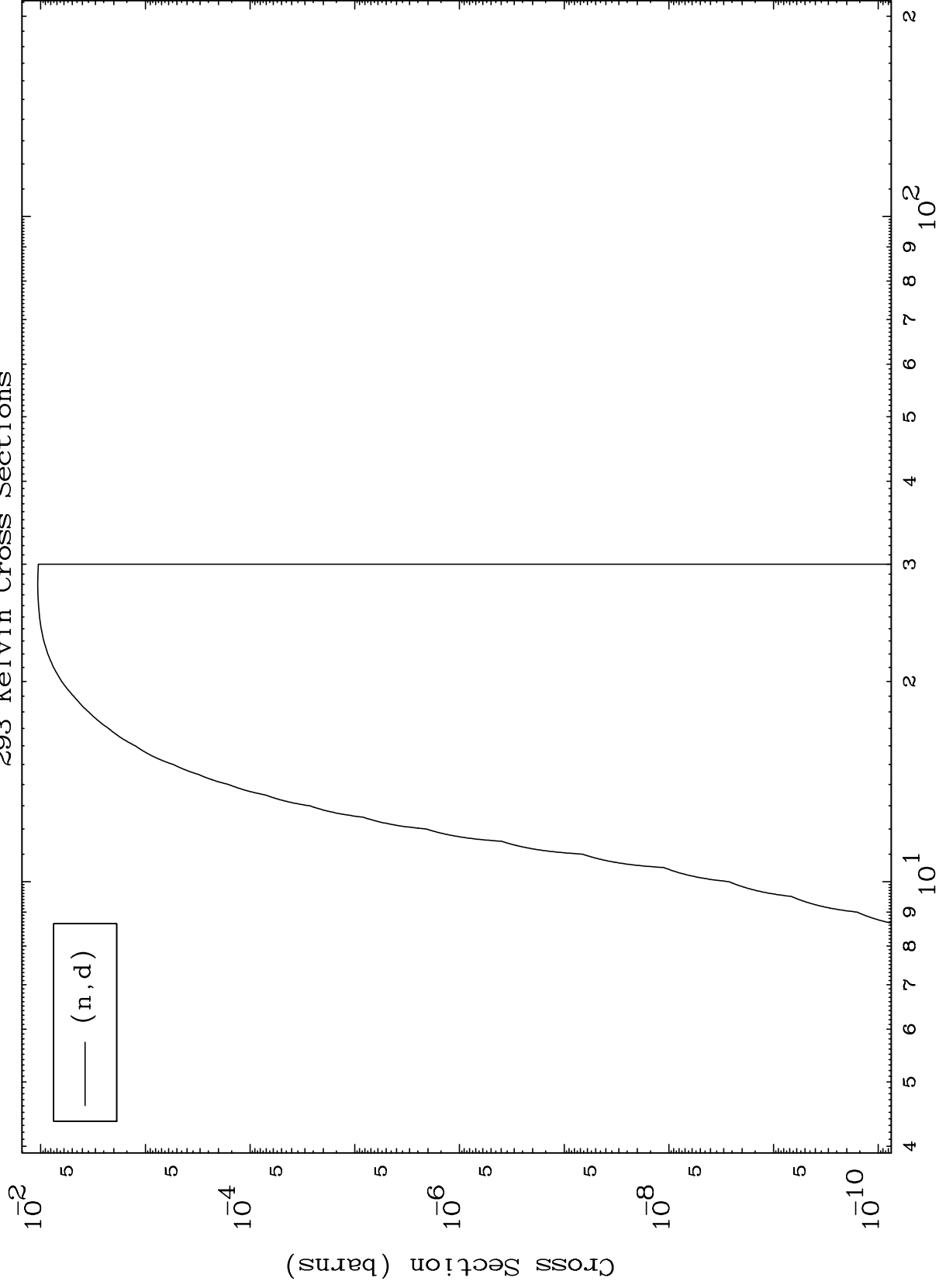
53-I -133m



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(n,d) Levels
293 Kelvin Cross Sections

53-I -133m



(n,d)

Incident Energy (MeV)

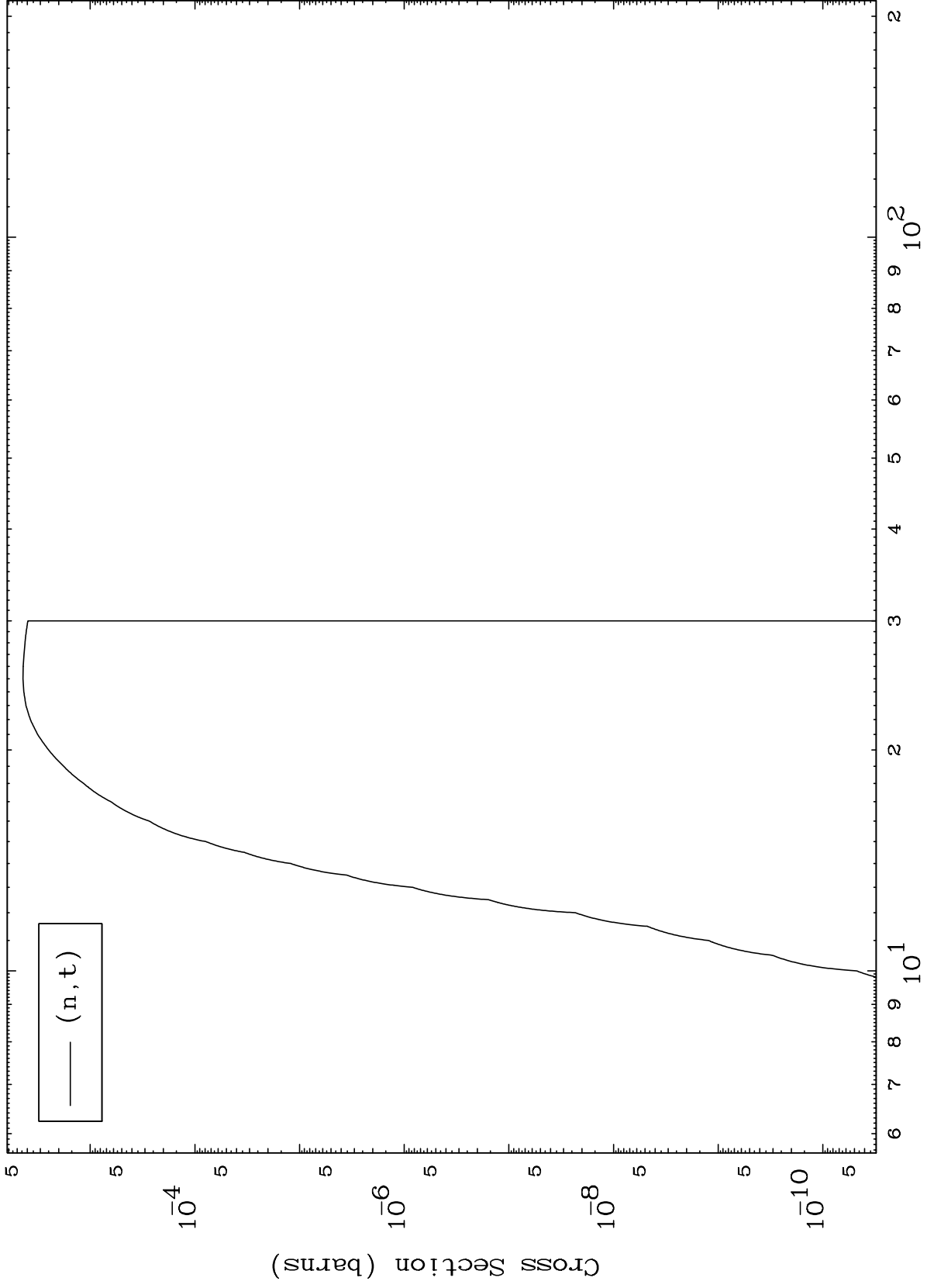
53-I -133m

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(n, t) Levels
293 Kelvin Cross Sections

53-I -133m



13

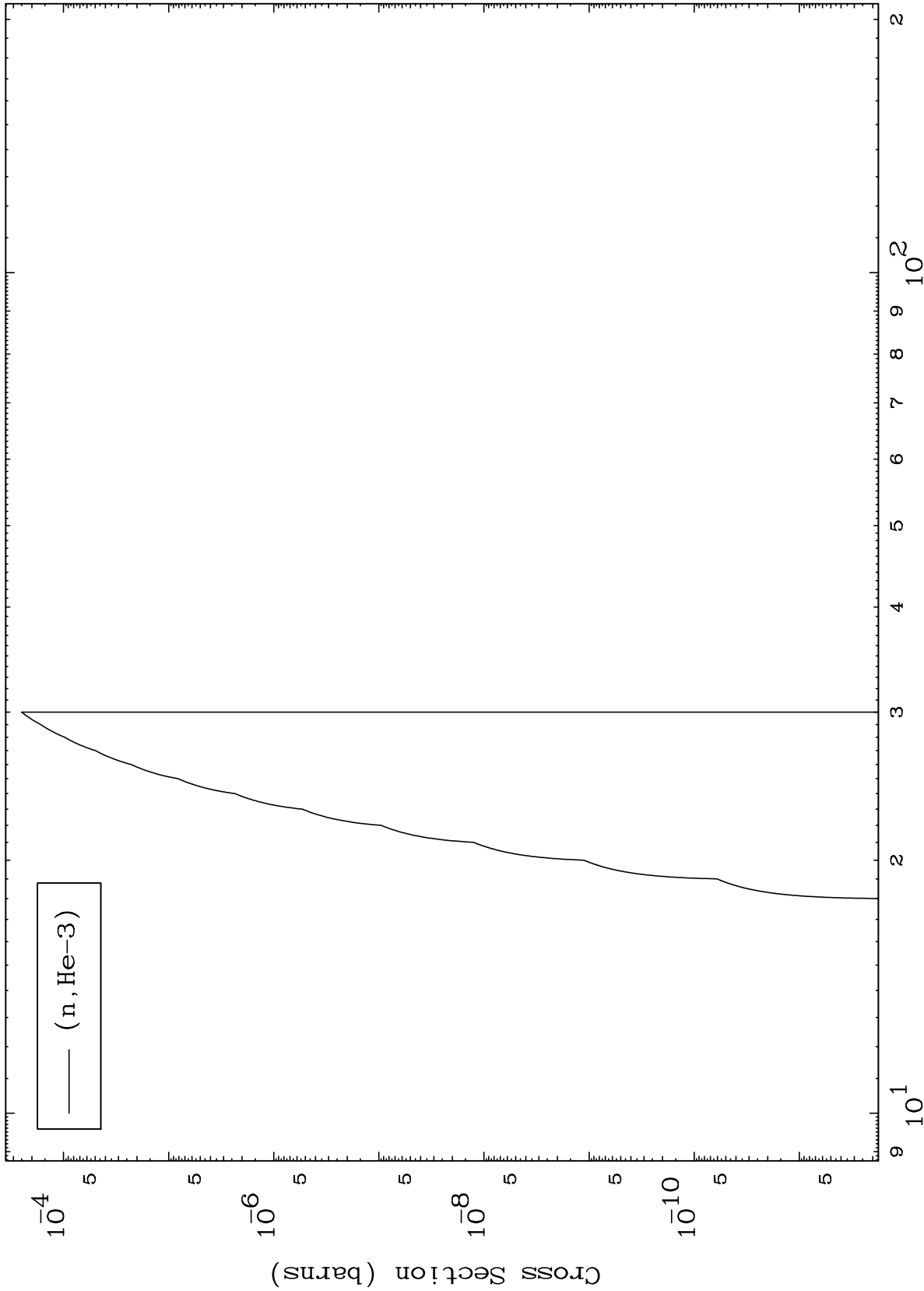
Incident Energy (MeV)

53-I -133m

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(n,He3) Levels
293 Kelvin Cross Sections

53-I -133m



14

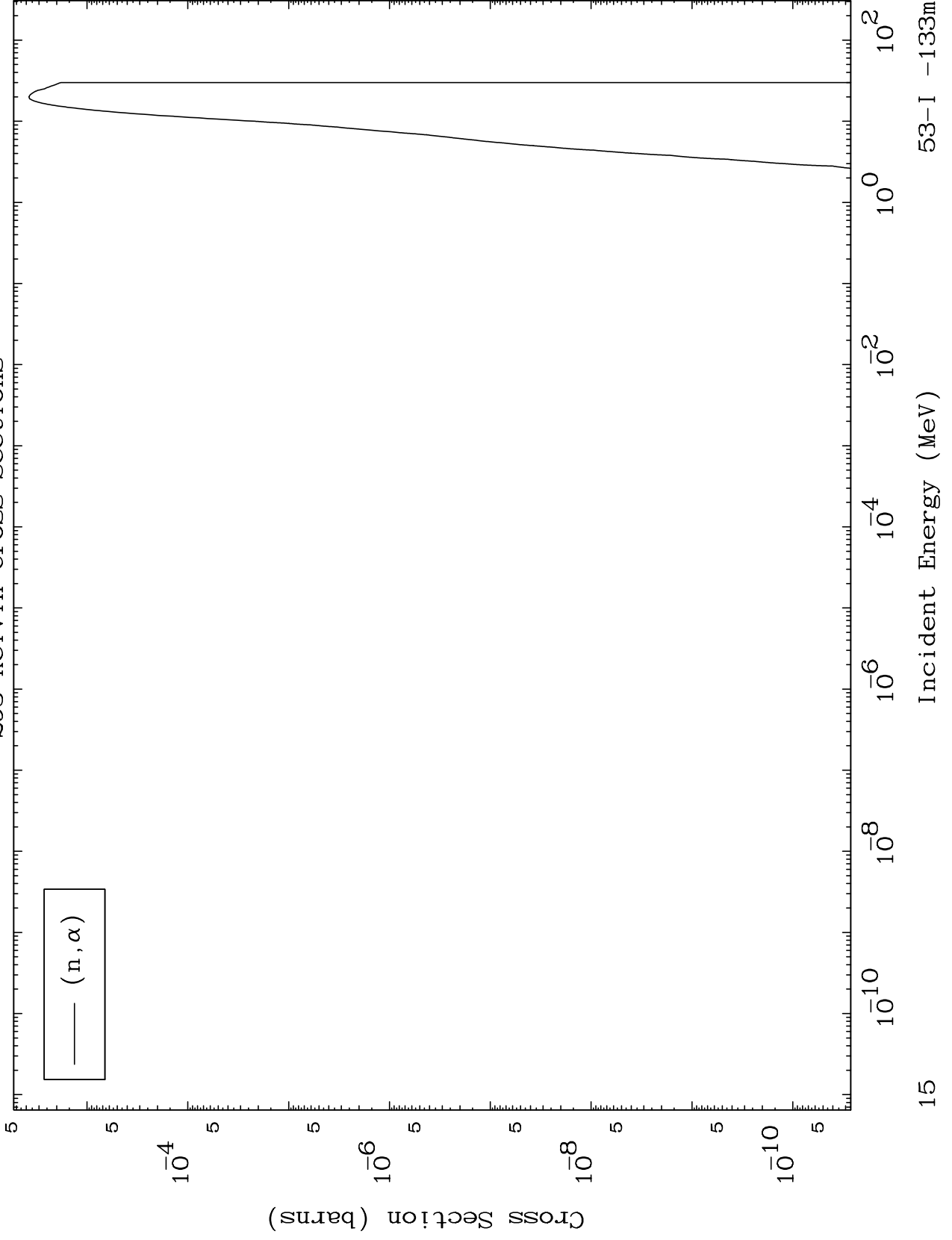
Incident Energy (MeV)

53-I -133m

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(n, α) Levels
293 Kelvin Cross Sections

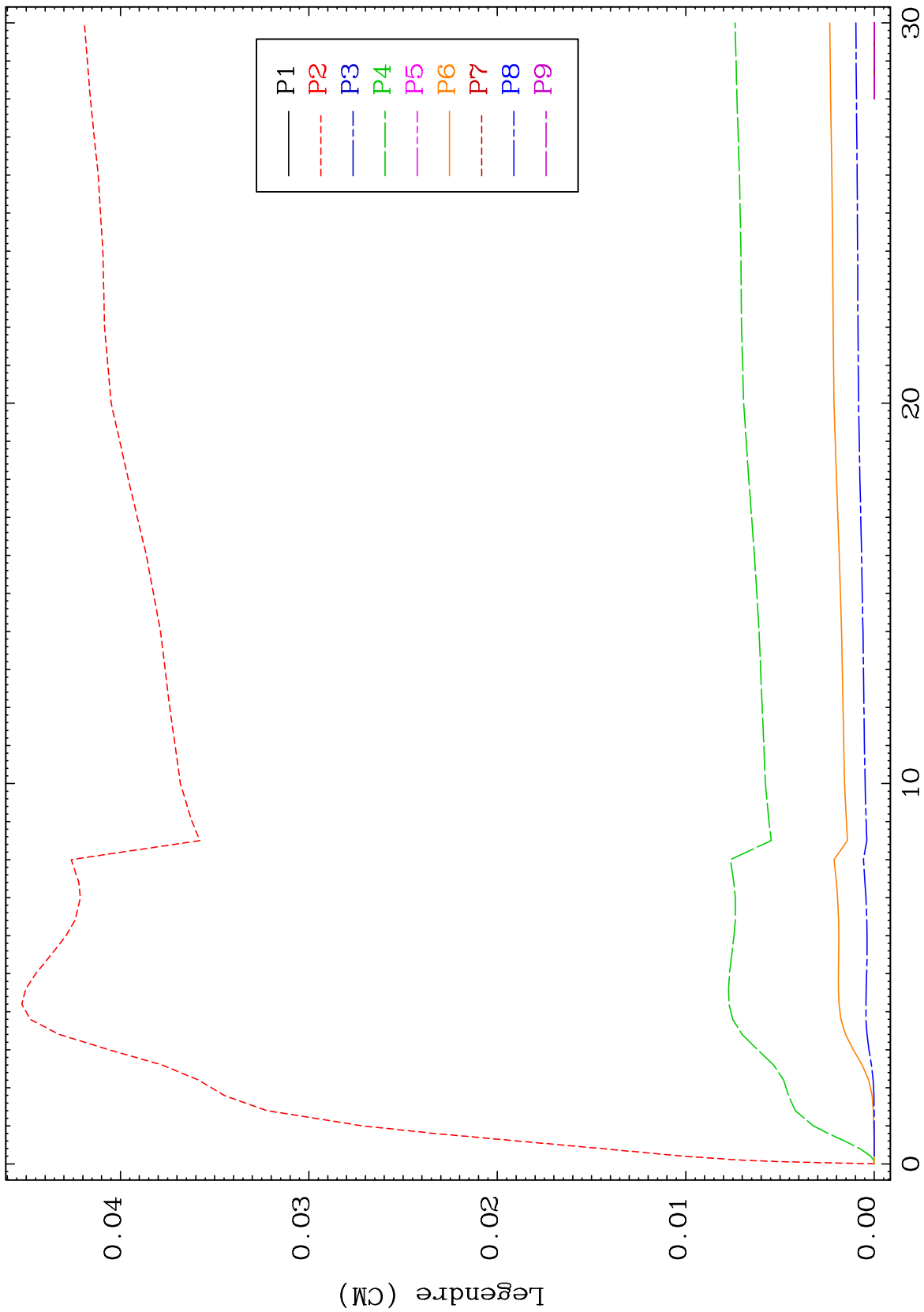
53-I -133m



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Elastic Legendre Coefficients

53-I -133m



16

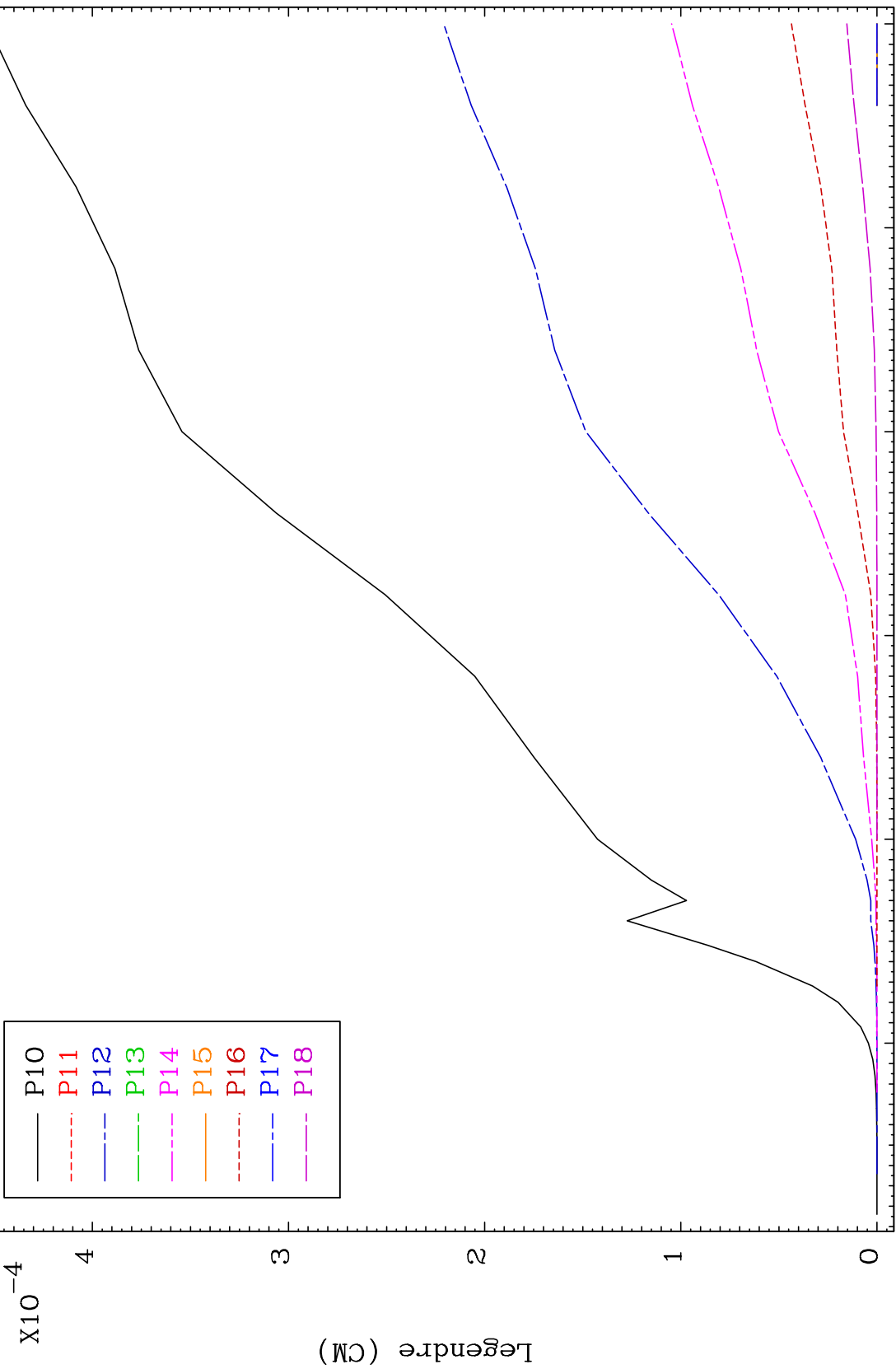
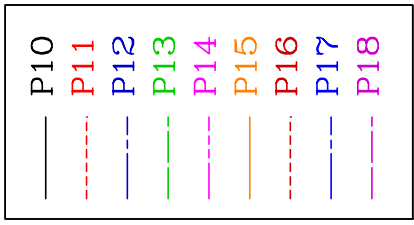
Incident Energy (MeV)

53-I -133m

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Elastic Legendre Coefficients

53-I -133m



17

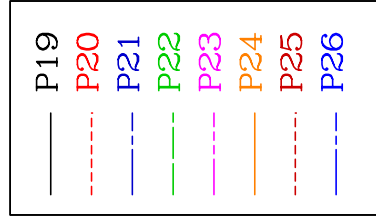
Incident Energy (MeV)

53-I -133m

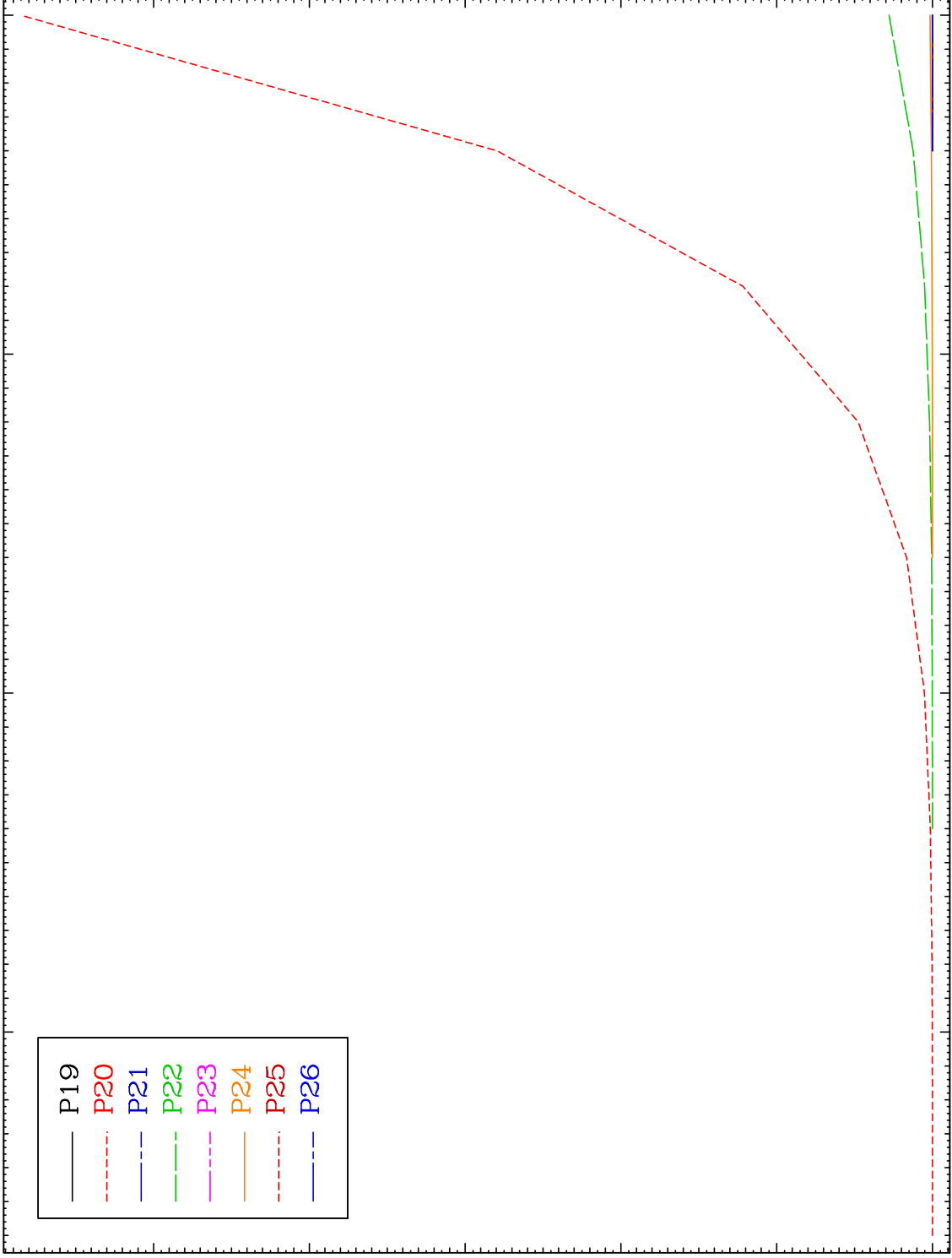
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Elastic
Legendre Coefficients

53-I -133m



$\times 10^{-6}$
1.0
0.8
0.6
0.4
0.2
0.0



18

Incident Energy (MeV)

53-I -133m

30

25

20

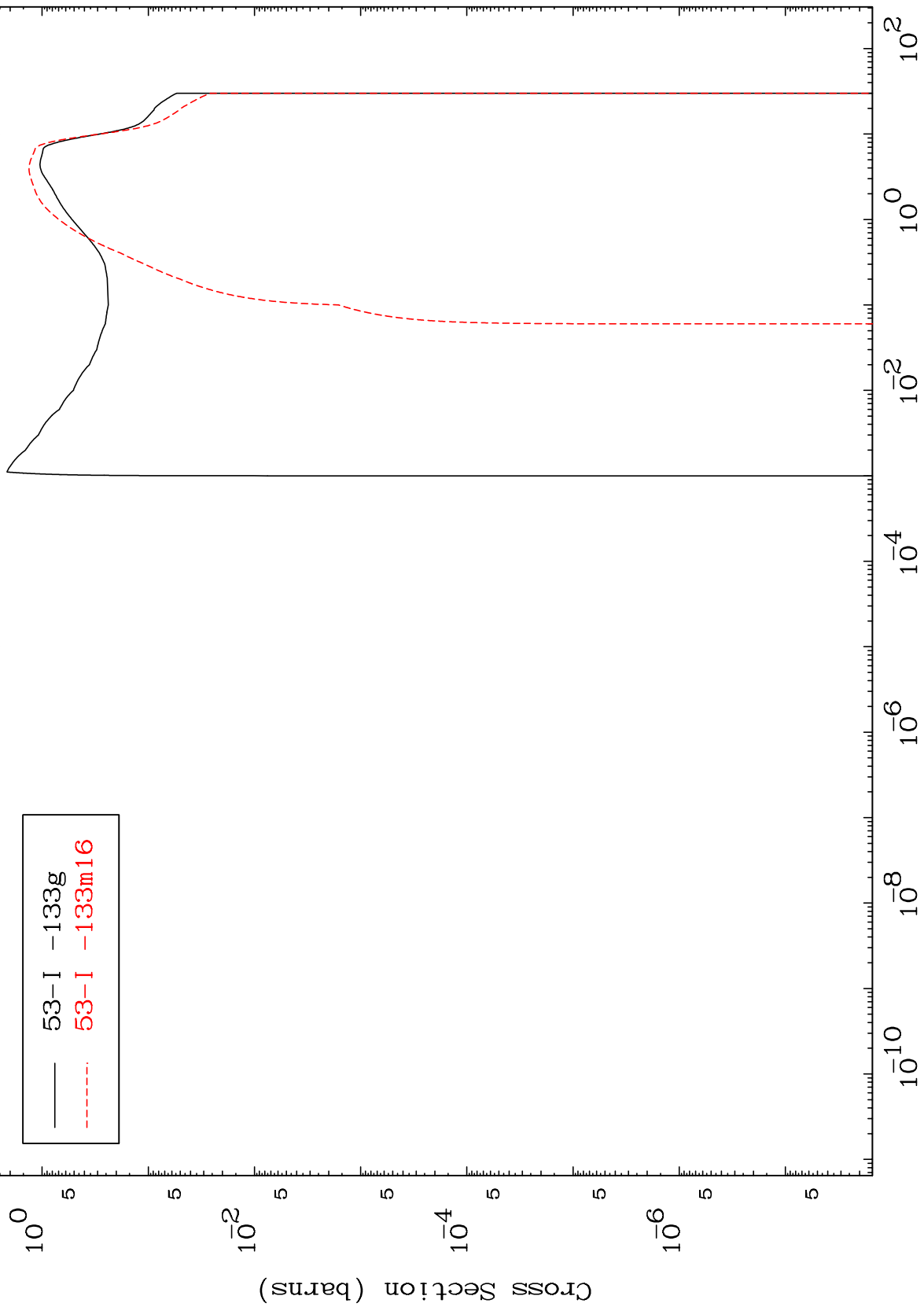
15

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Inelastic

53-I -133m

Radionuclide Production Cross Section

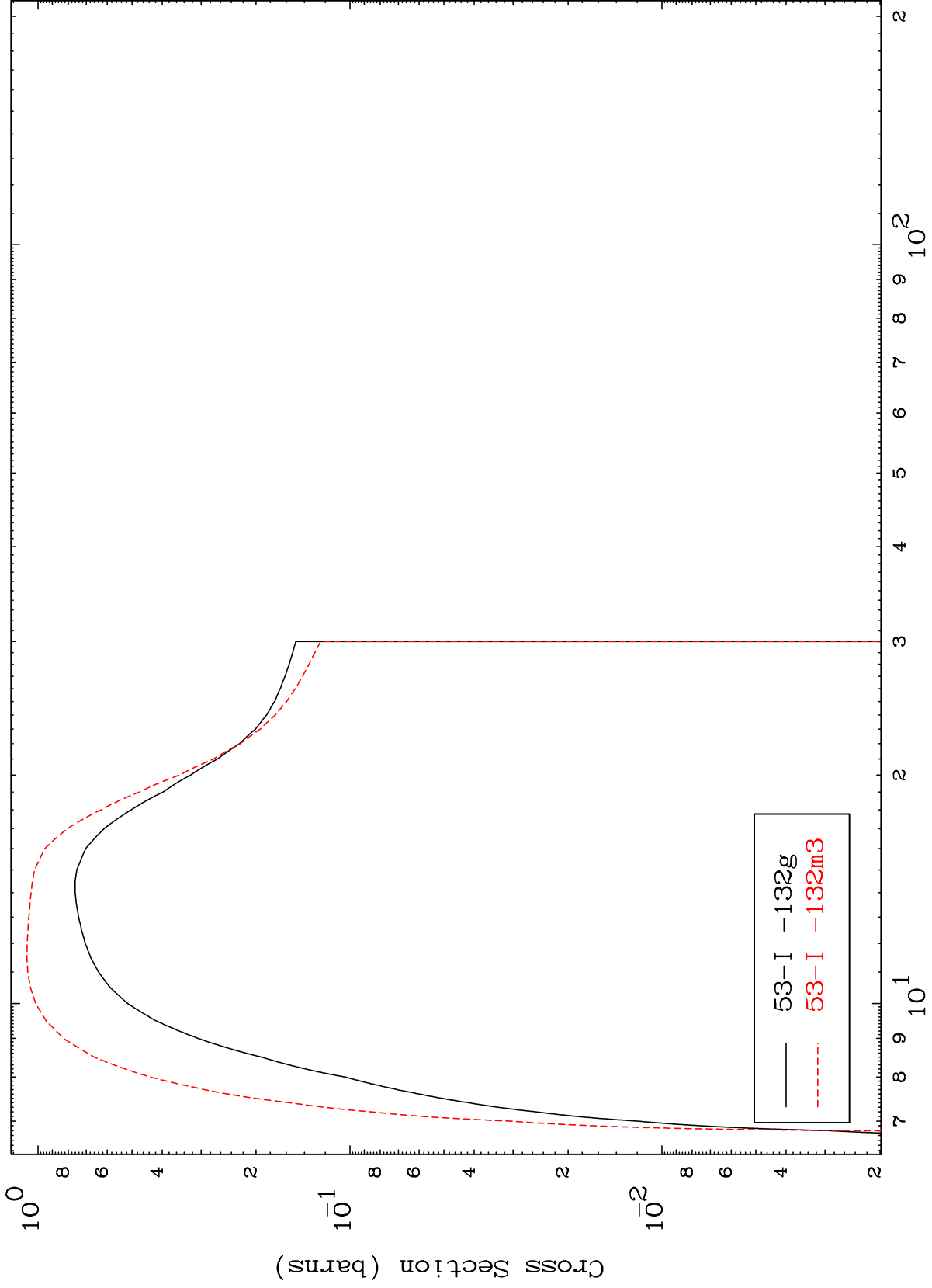


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(n,2n)

53-I -133m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

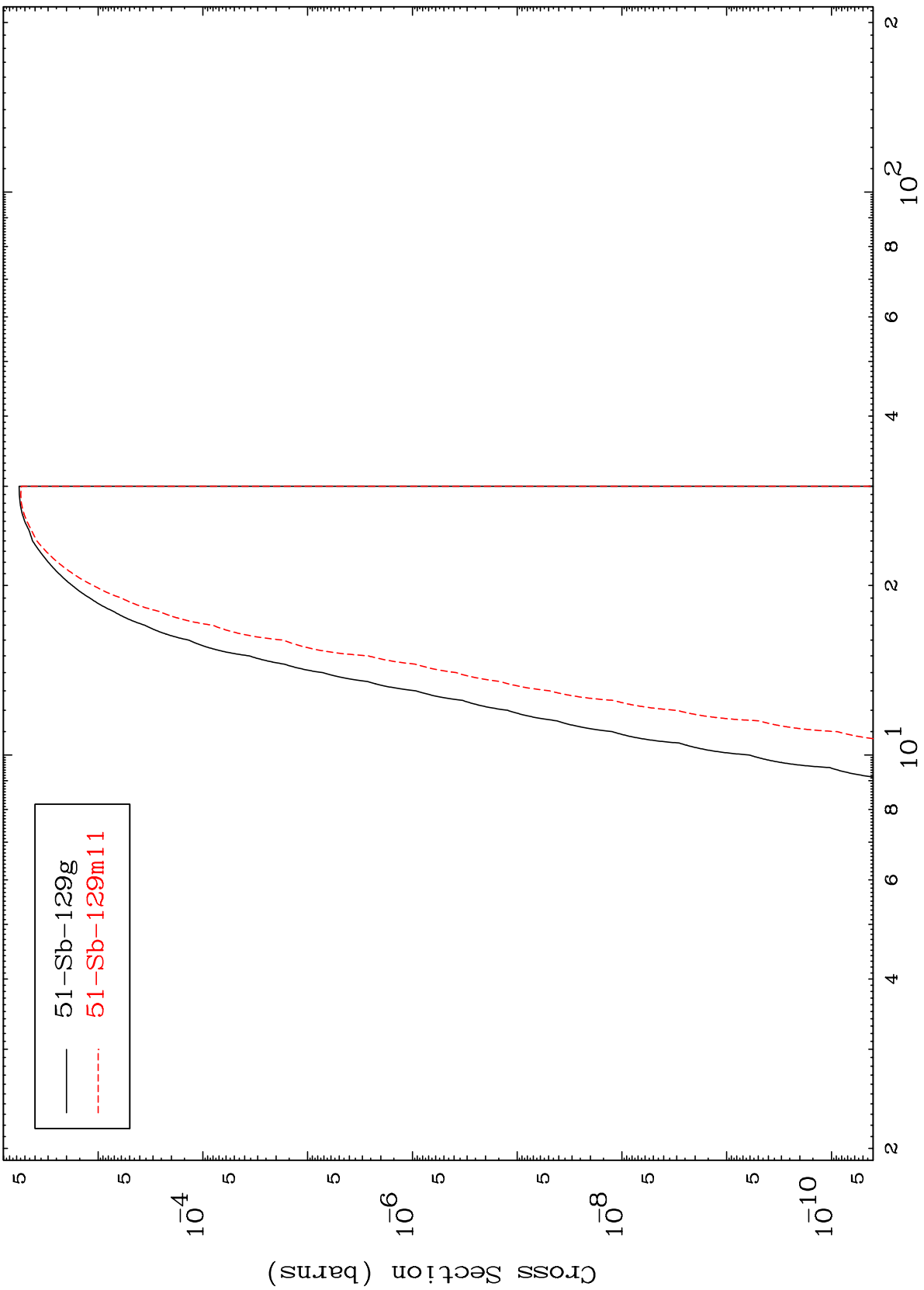
53-I -133m

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(n,n') α

53-I -133m

Radionuclide Production Cross Section

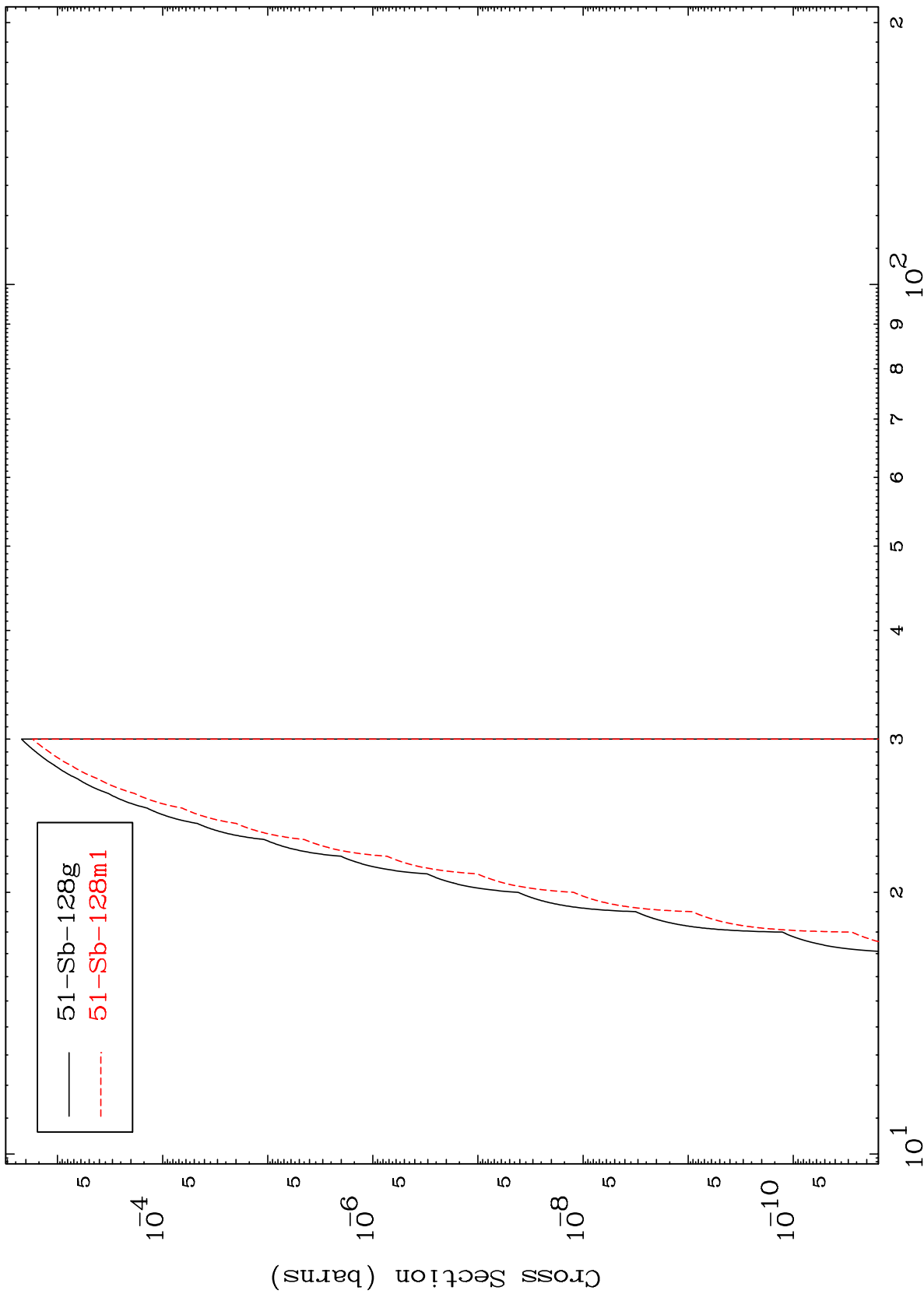


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(n,2n) α

53-I -133m

Radionuclide Production Cross Section



Incident Energy (MeV)

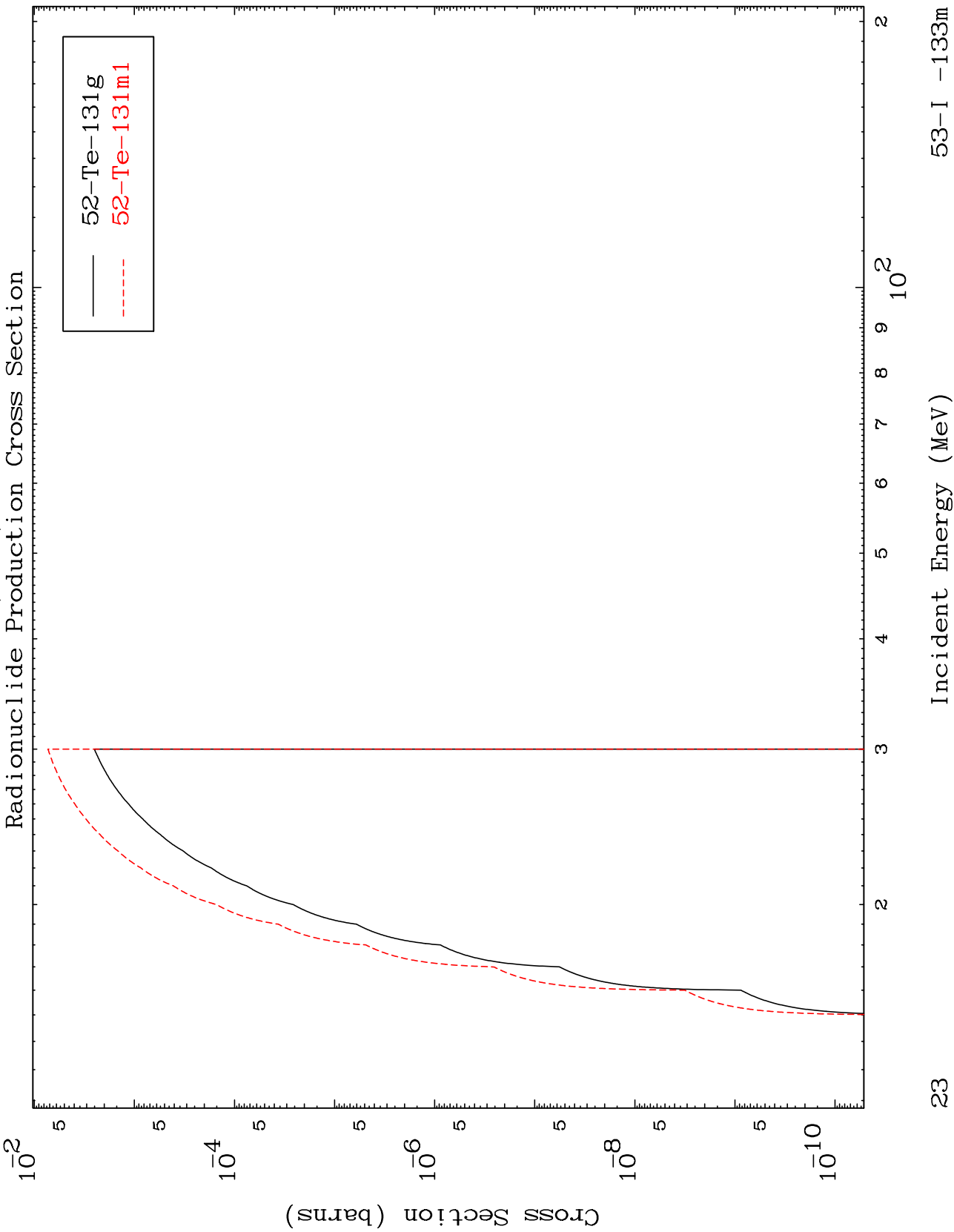
53-I -133m

22

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(n,n') d

53-I -133m



23

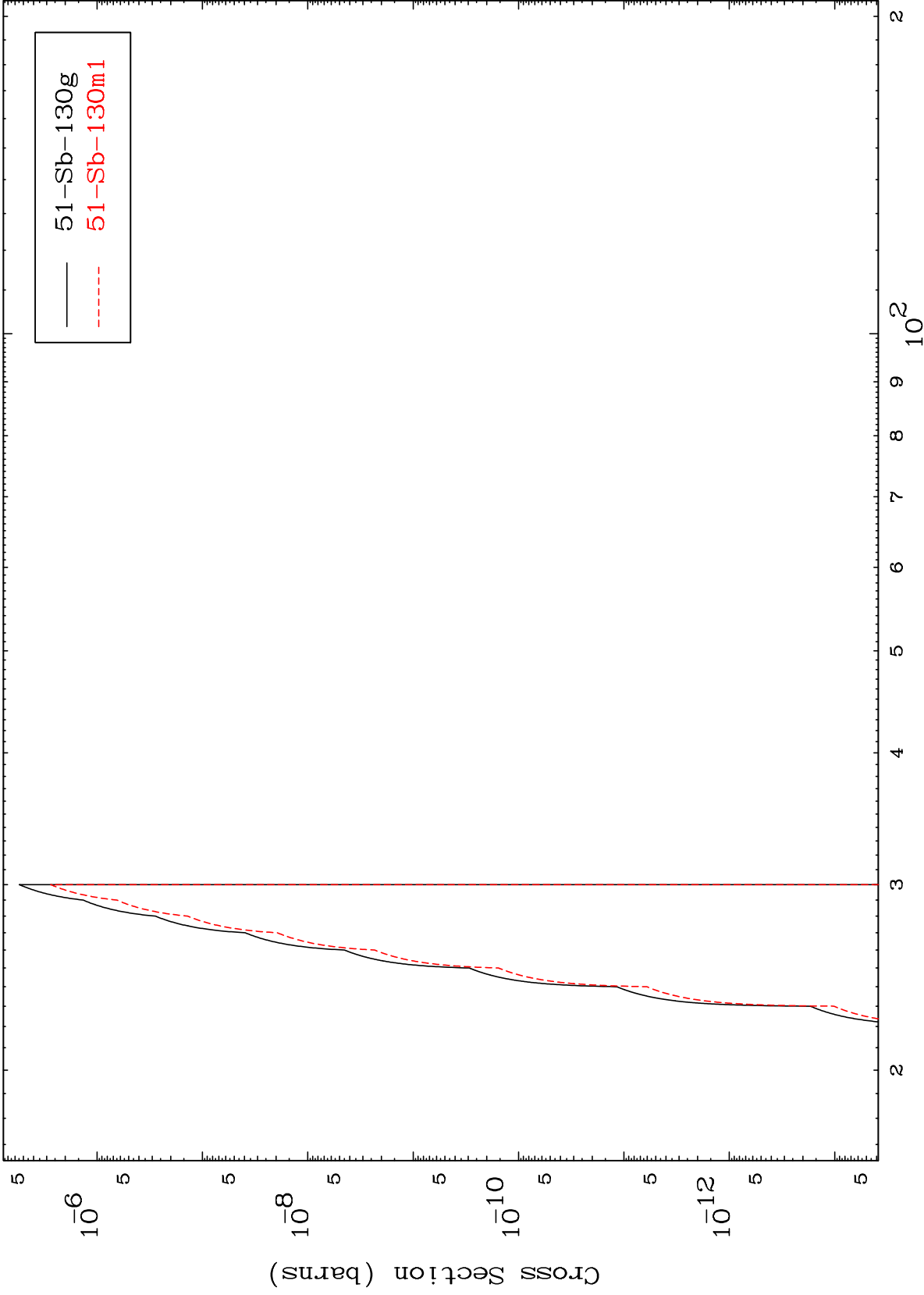
53-I -133m

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(n,n') He-3

53-I -133m

Radionuclide Production Cross Section



24

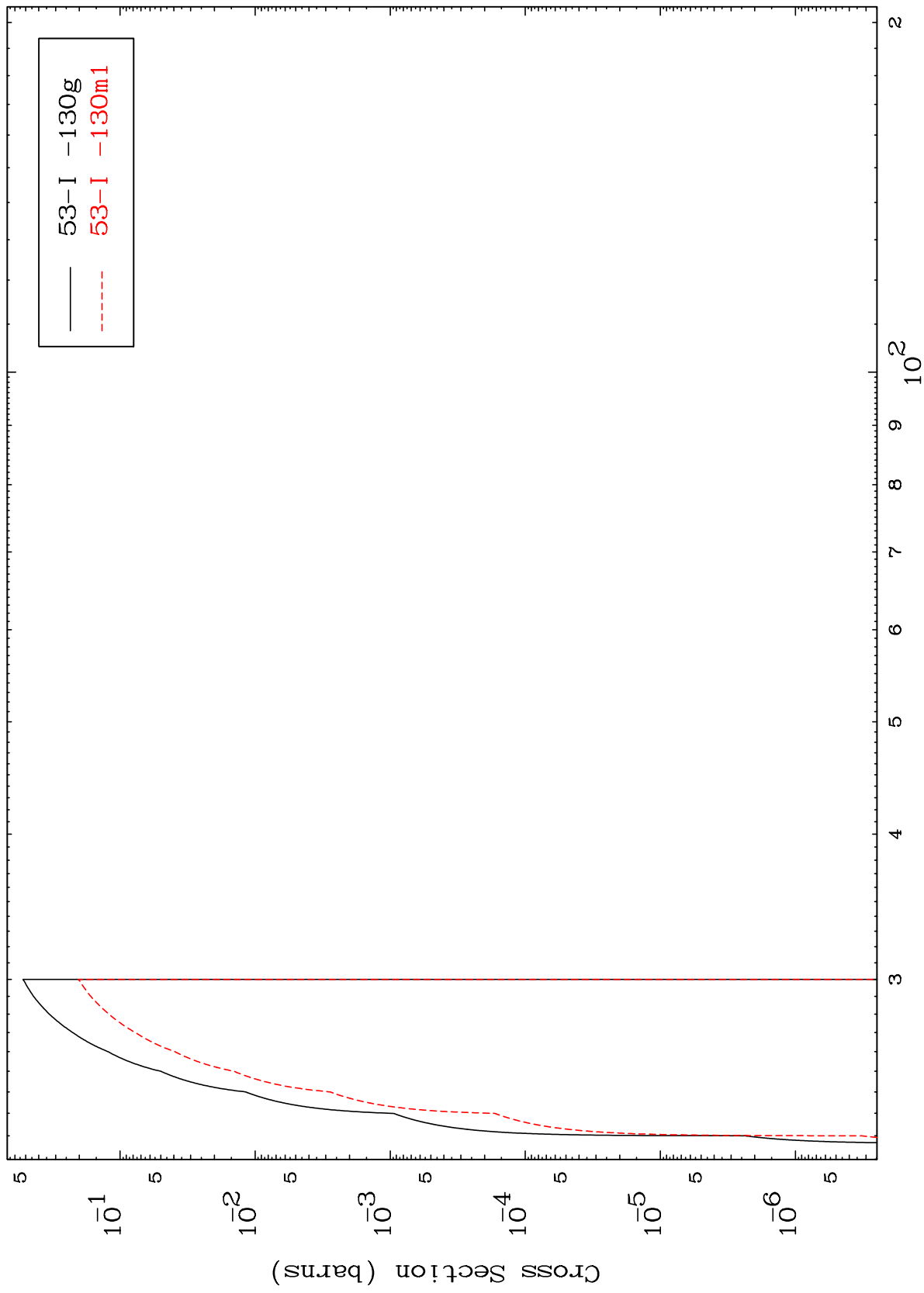
Incident Energy (MeV)

53-I -133m

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53-I -133m

(n,4n)
Radionuclide Production Cross Section

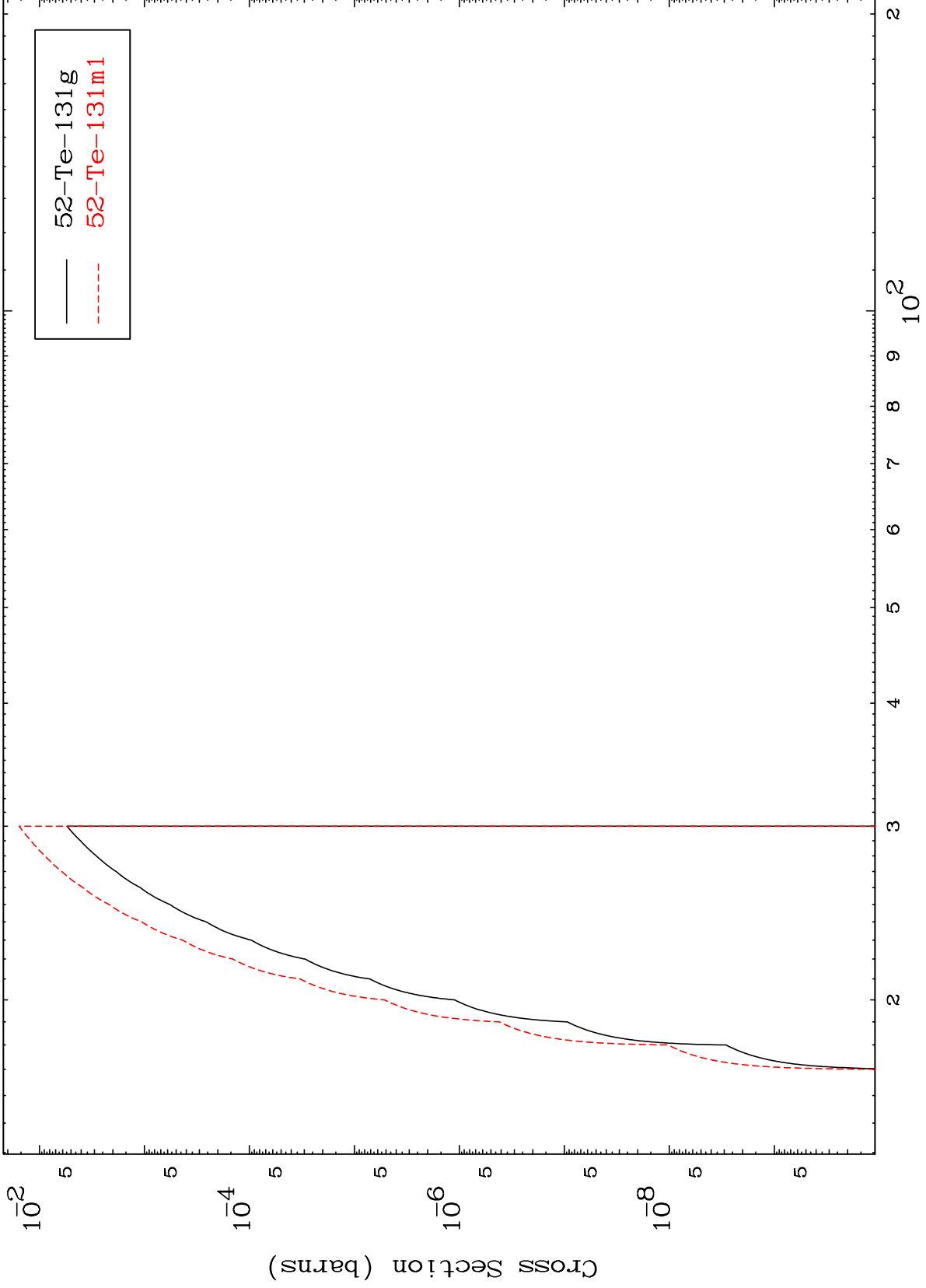


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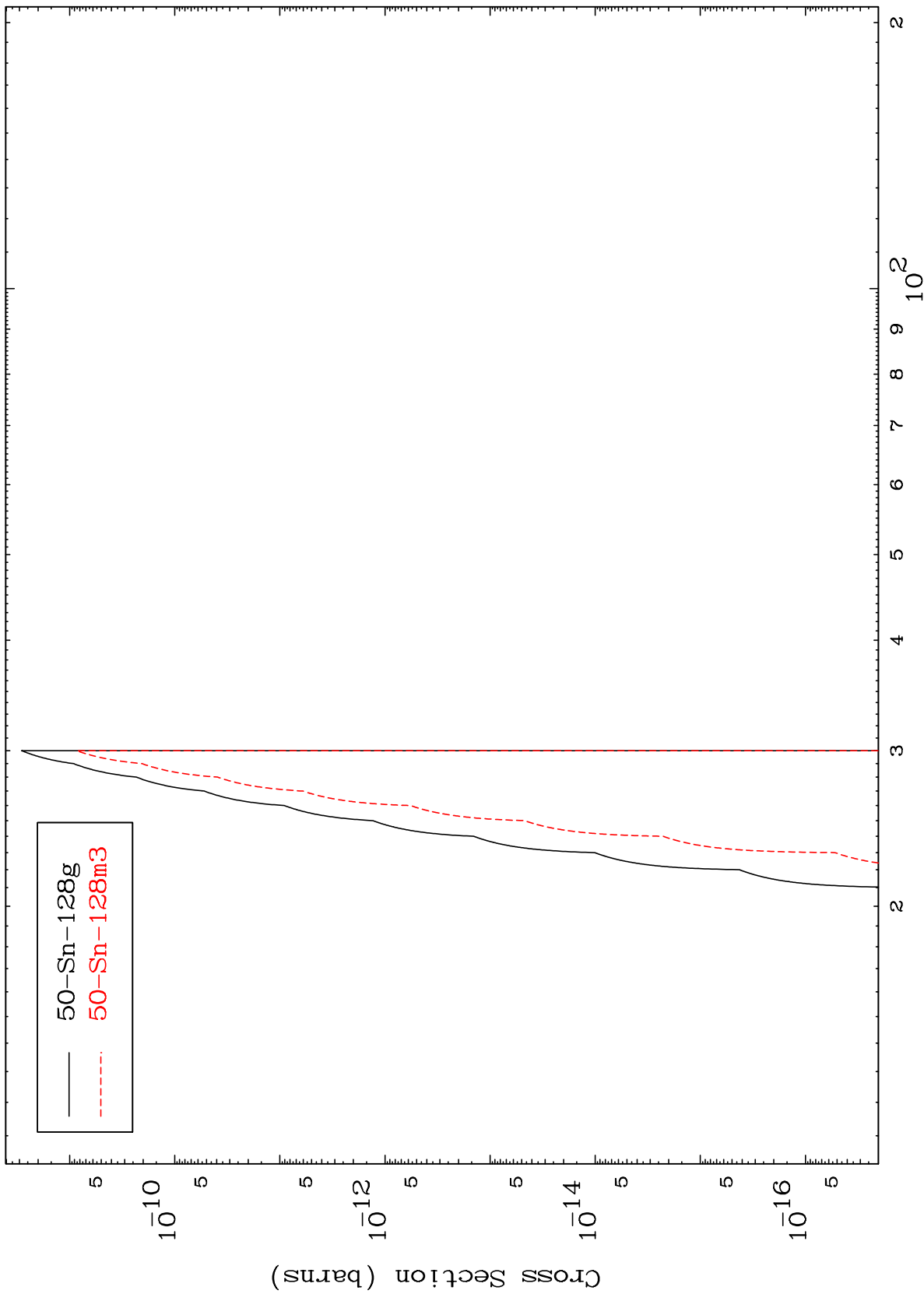
Incident Energy (MeV)

53-I -133m

Radionuclide Production Cross Section



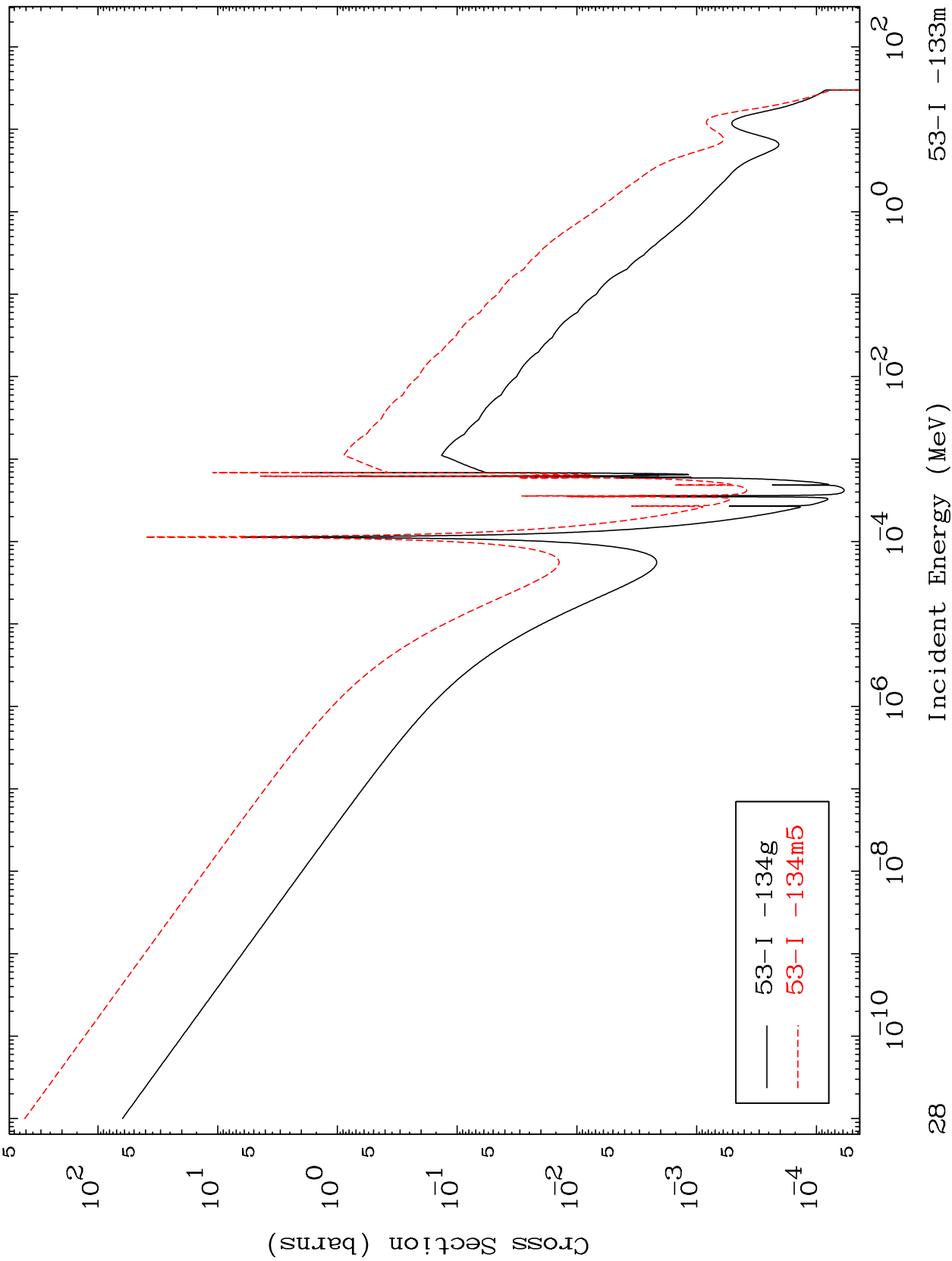
Radionuclide Production Cross Section



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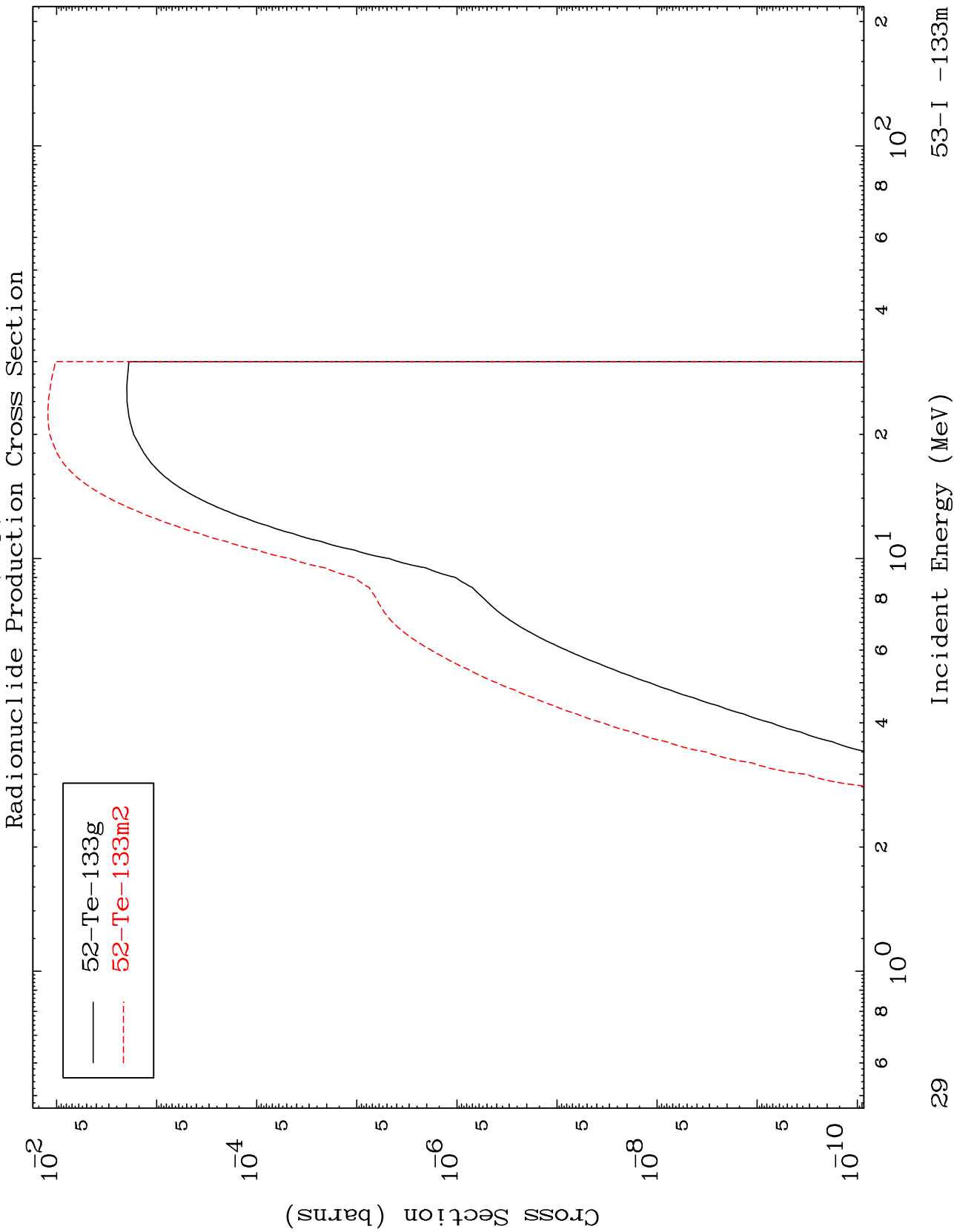
53-I -133m

Radionuclide Production Cross Section



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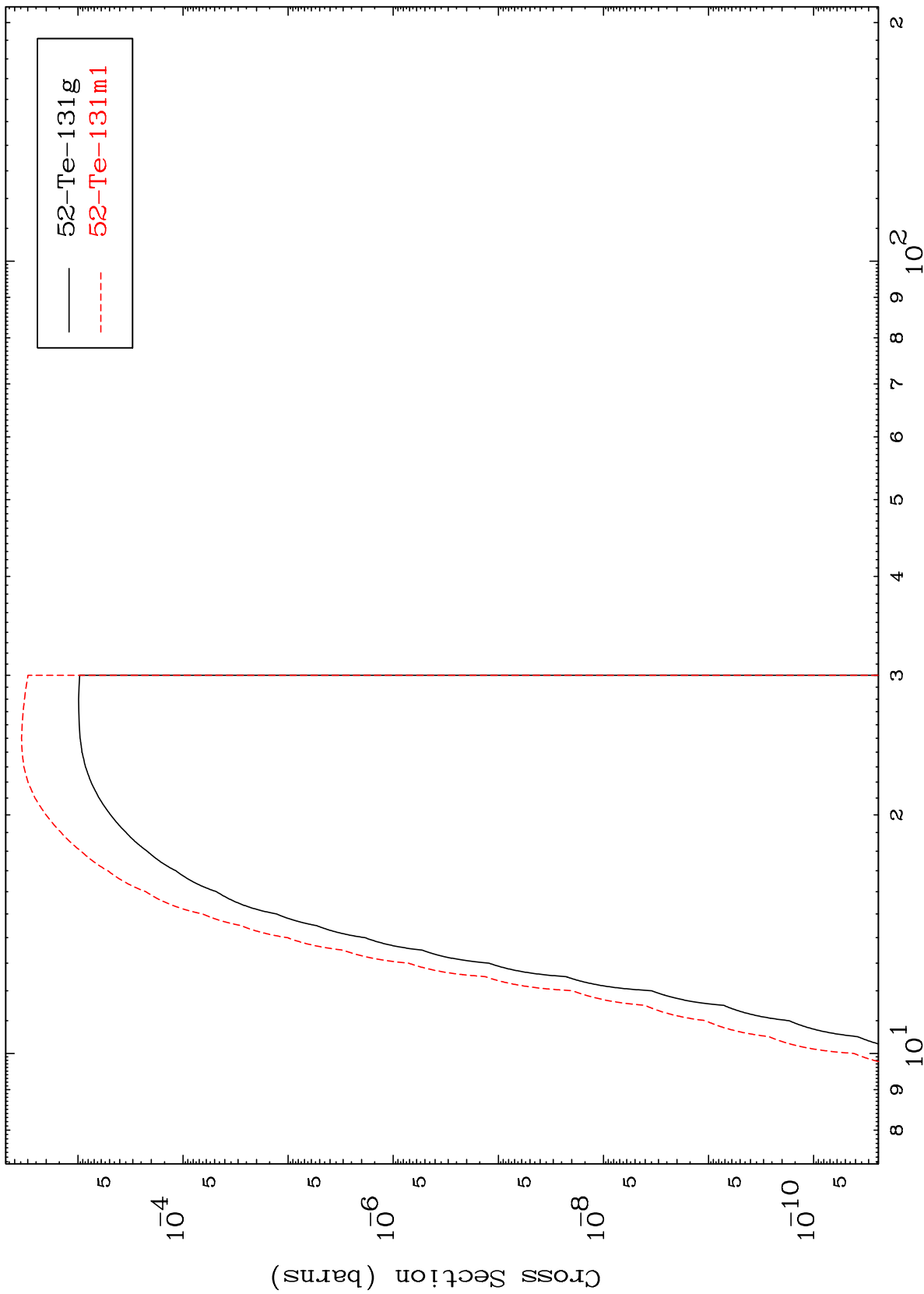
53-I -133m



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53-I -133m

(n,t)
Radionuclide Production Cross Section



53-I -133m

Incident Energy (MeV)

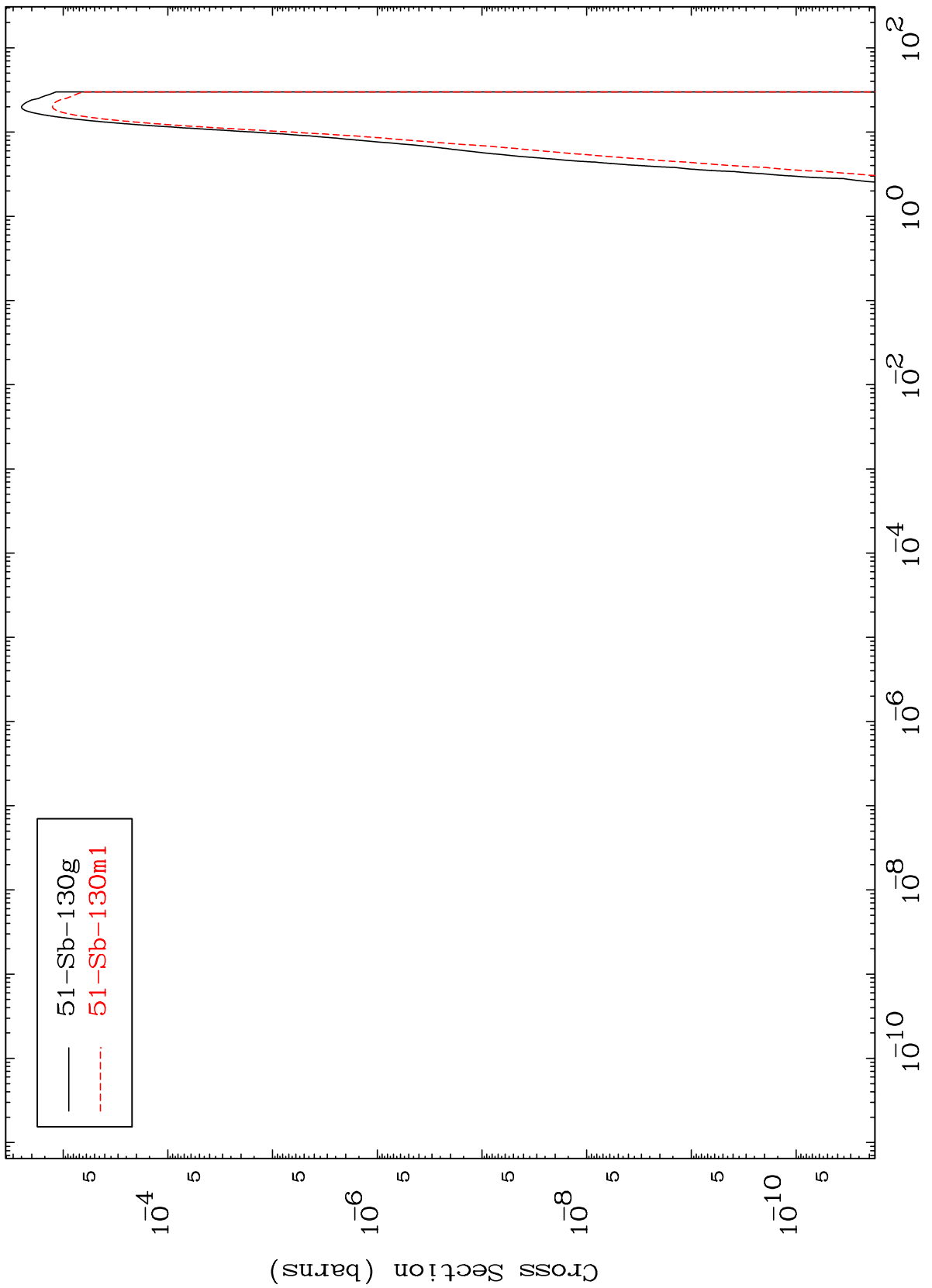
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(n, α)

53-I -133m

Radionuclide Production Cross Section

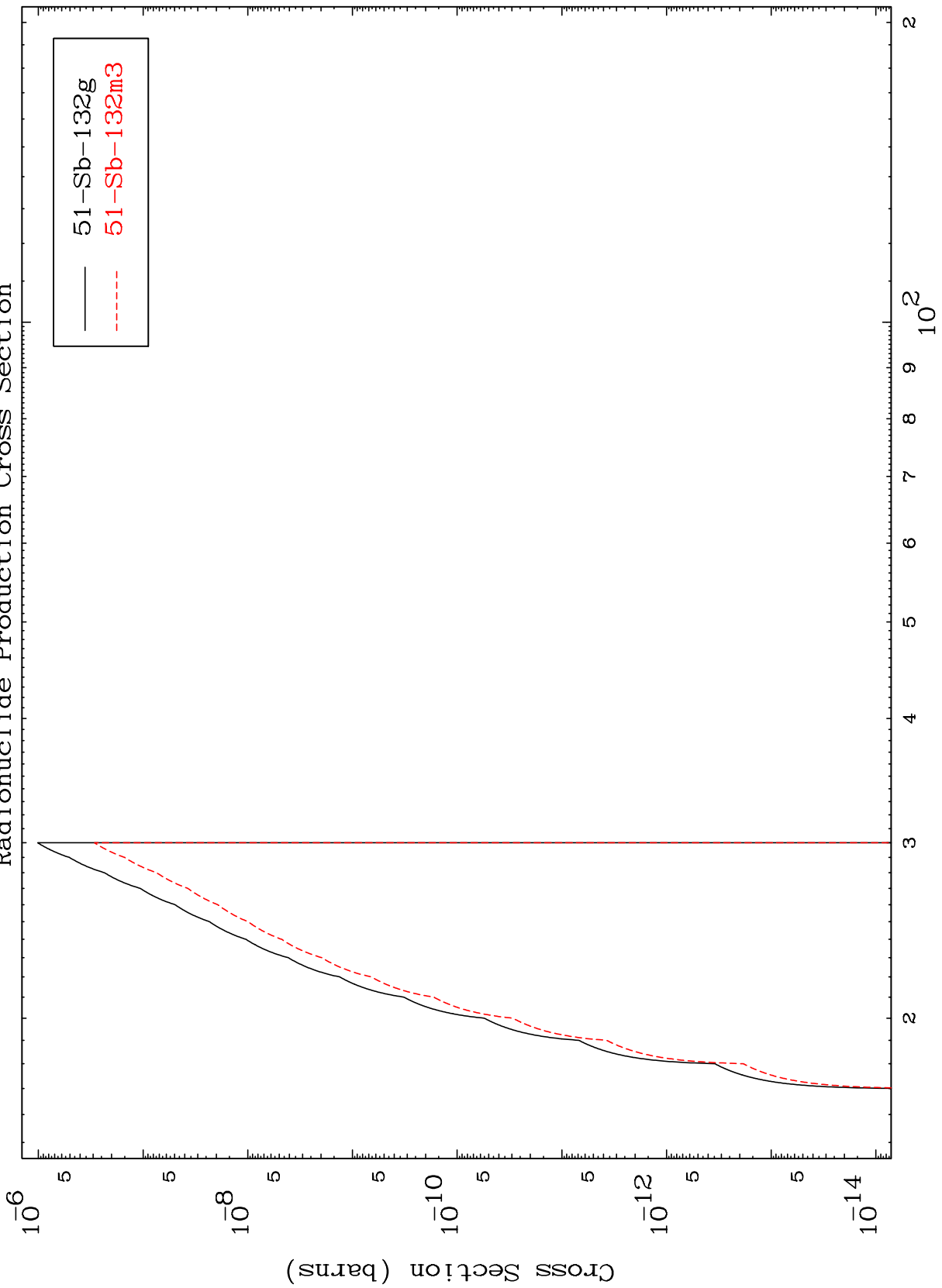


— 51-Sb-130g
- - - 51-Sb-130m1

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53-I -133m

(n,2p)
Radionuclide Production Cross Section

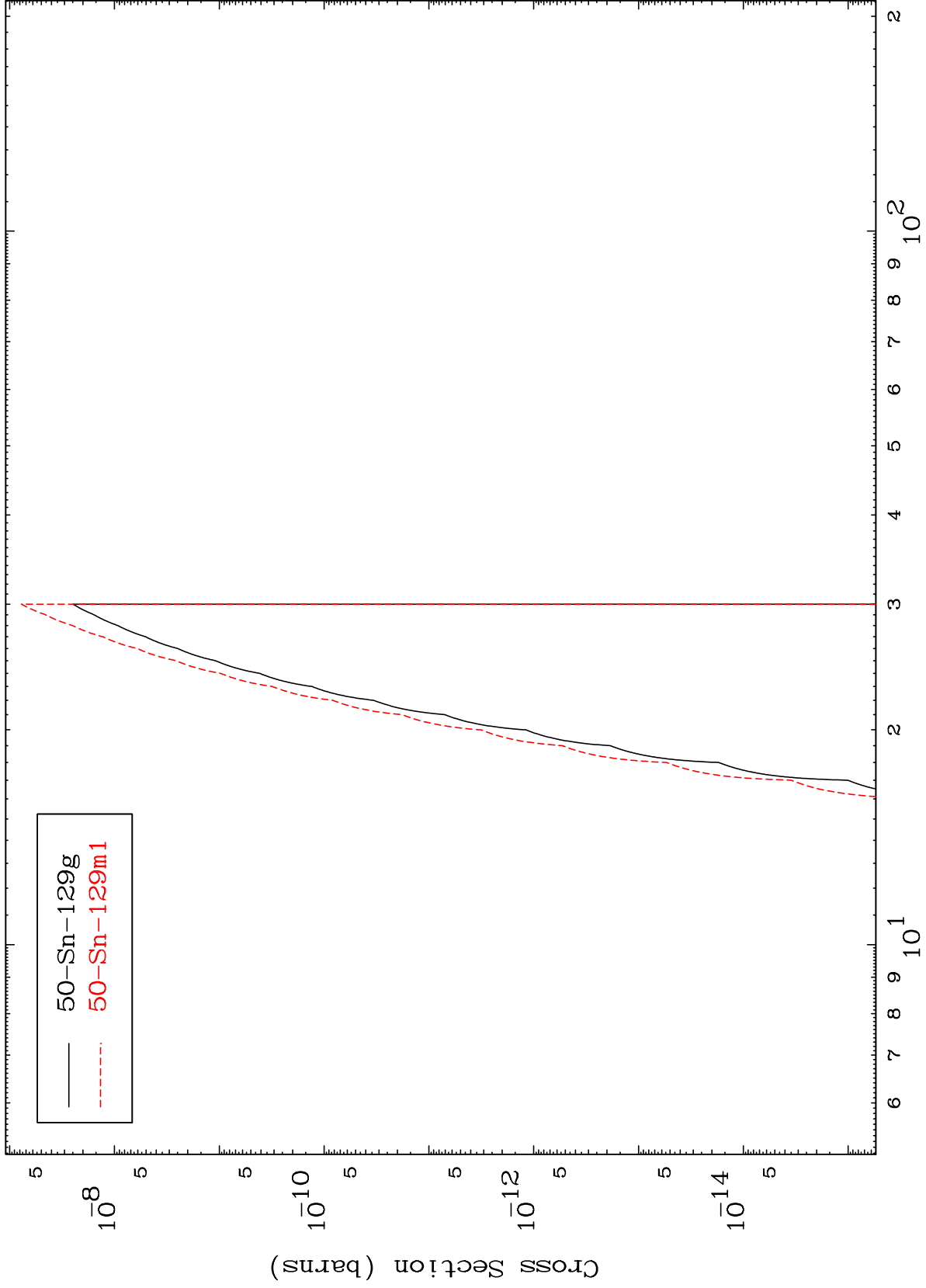


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(n,p) α

53-I -133m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

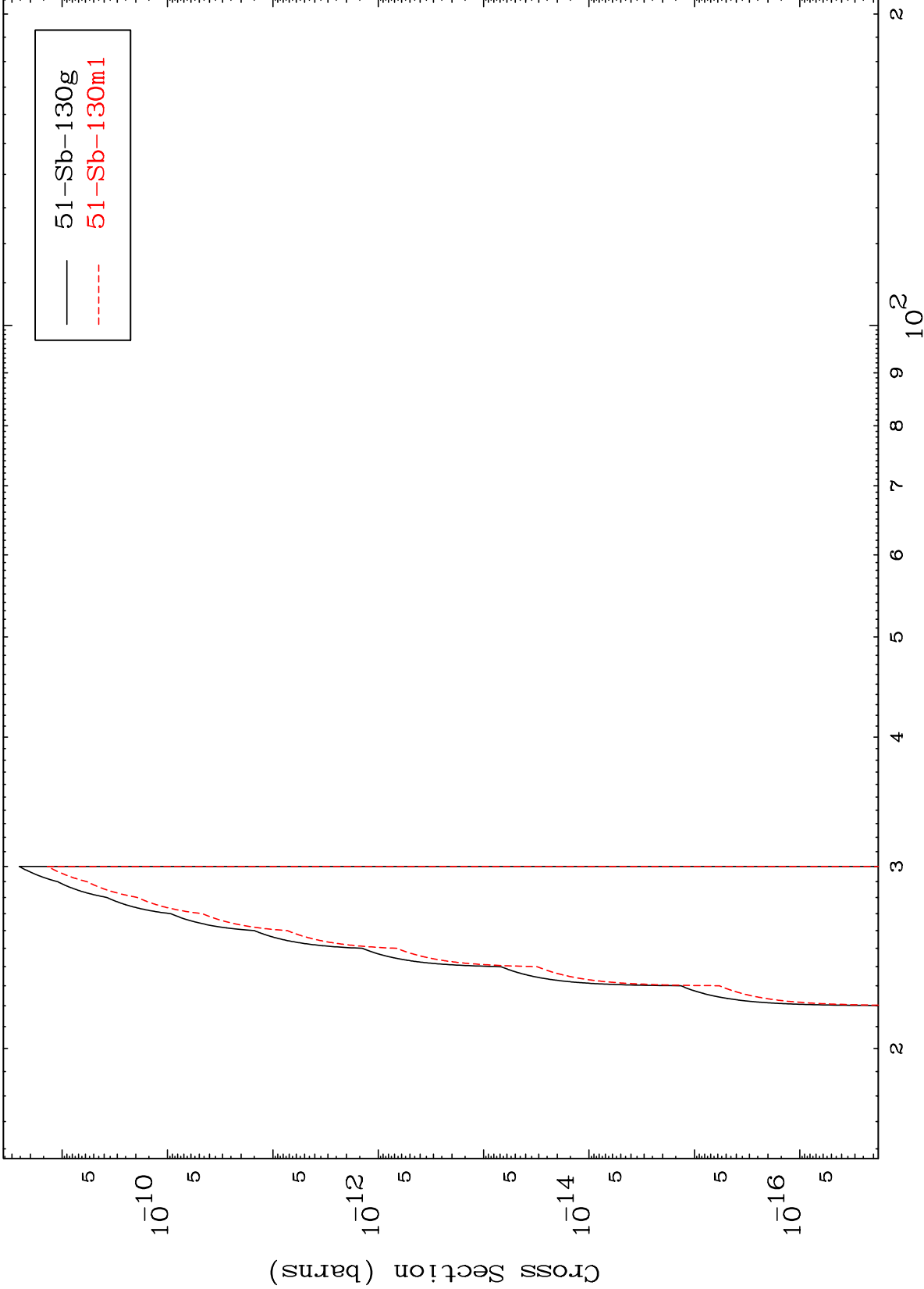
53-I -133m

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(n,p) t

53-I -133m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

53-I -133m