

Program EVALPLOT
(Version 2021-1)

by

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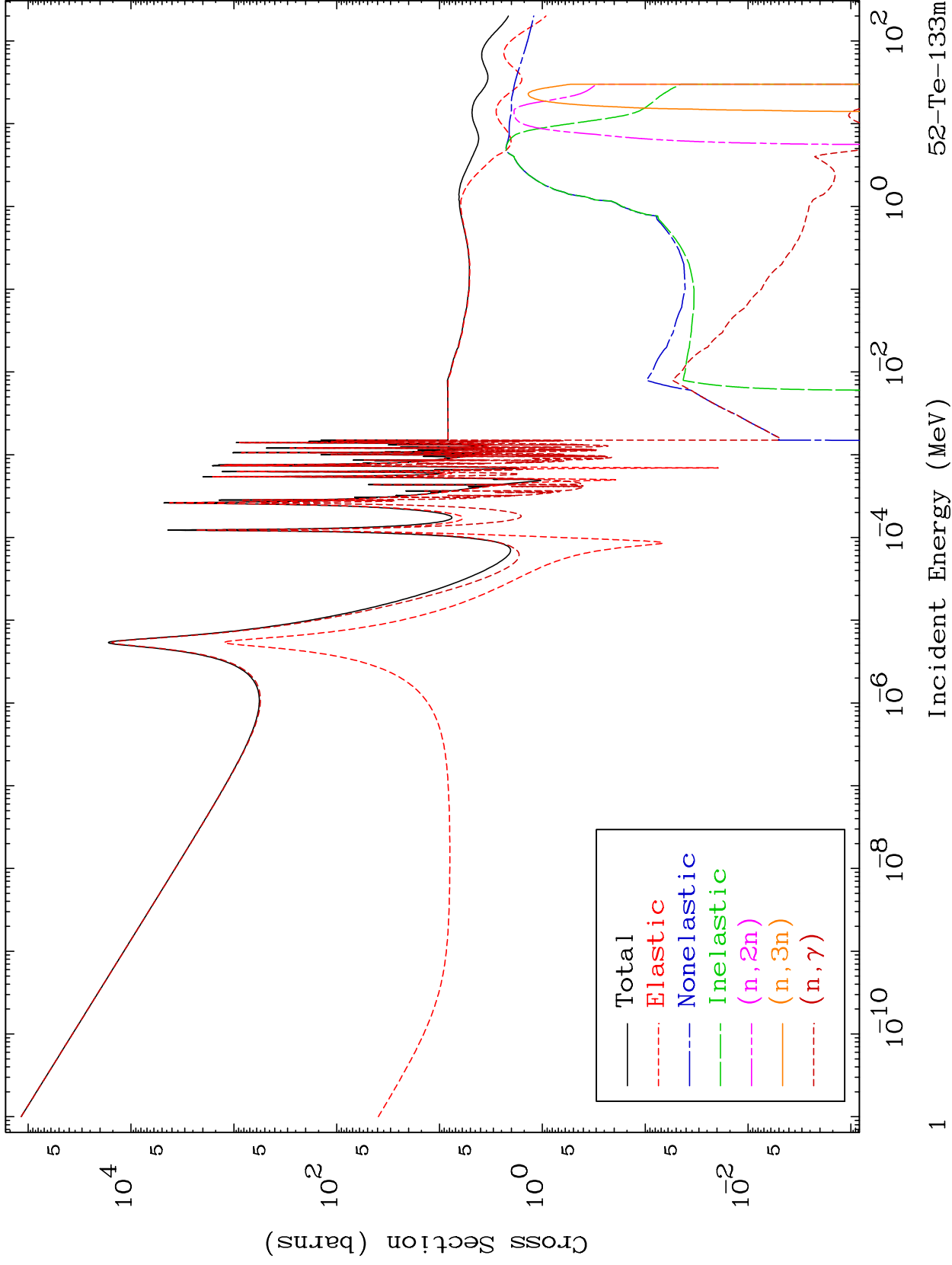
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5265

Neutron Major
293 Kelvin Cross Sections

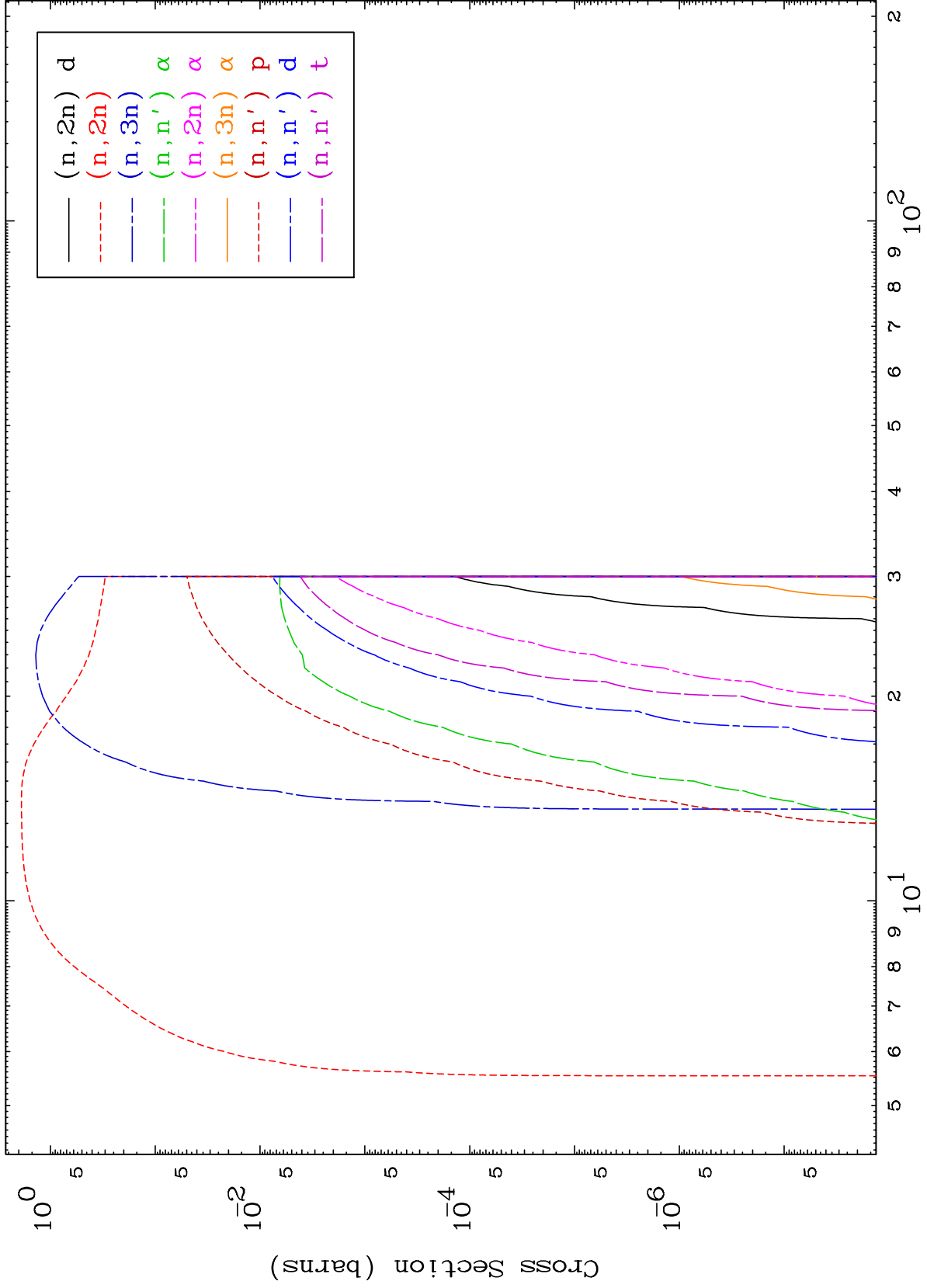
52-Te-133m



MAT 5265

Neutron Absorption
293 Kelvin Cross Sections

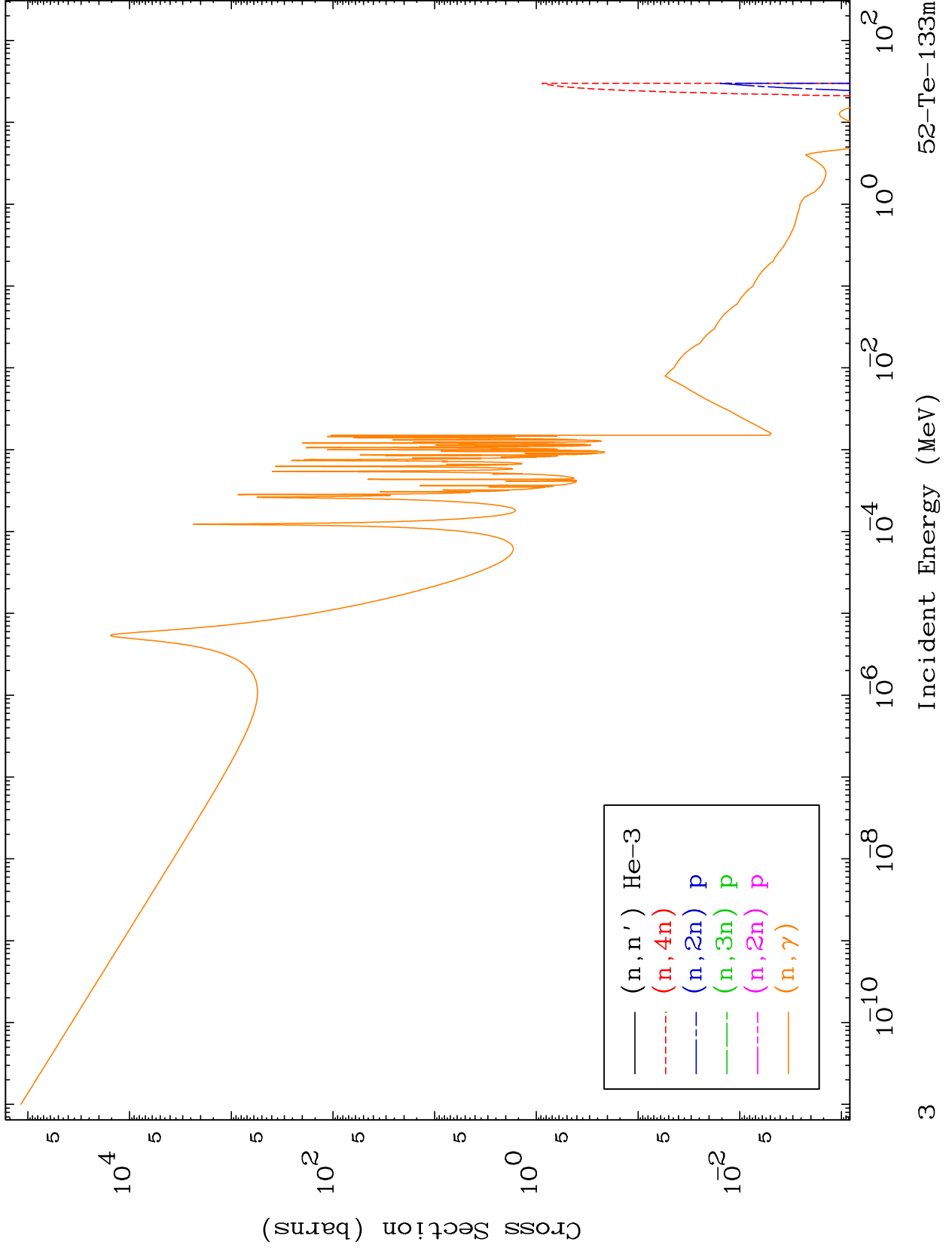
52-Te-133m



MAT 5265

Neutron Absorption
293 Kelvin Cross Sections

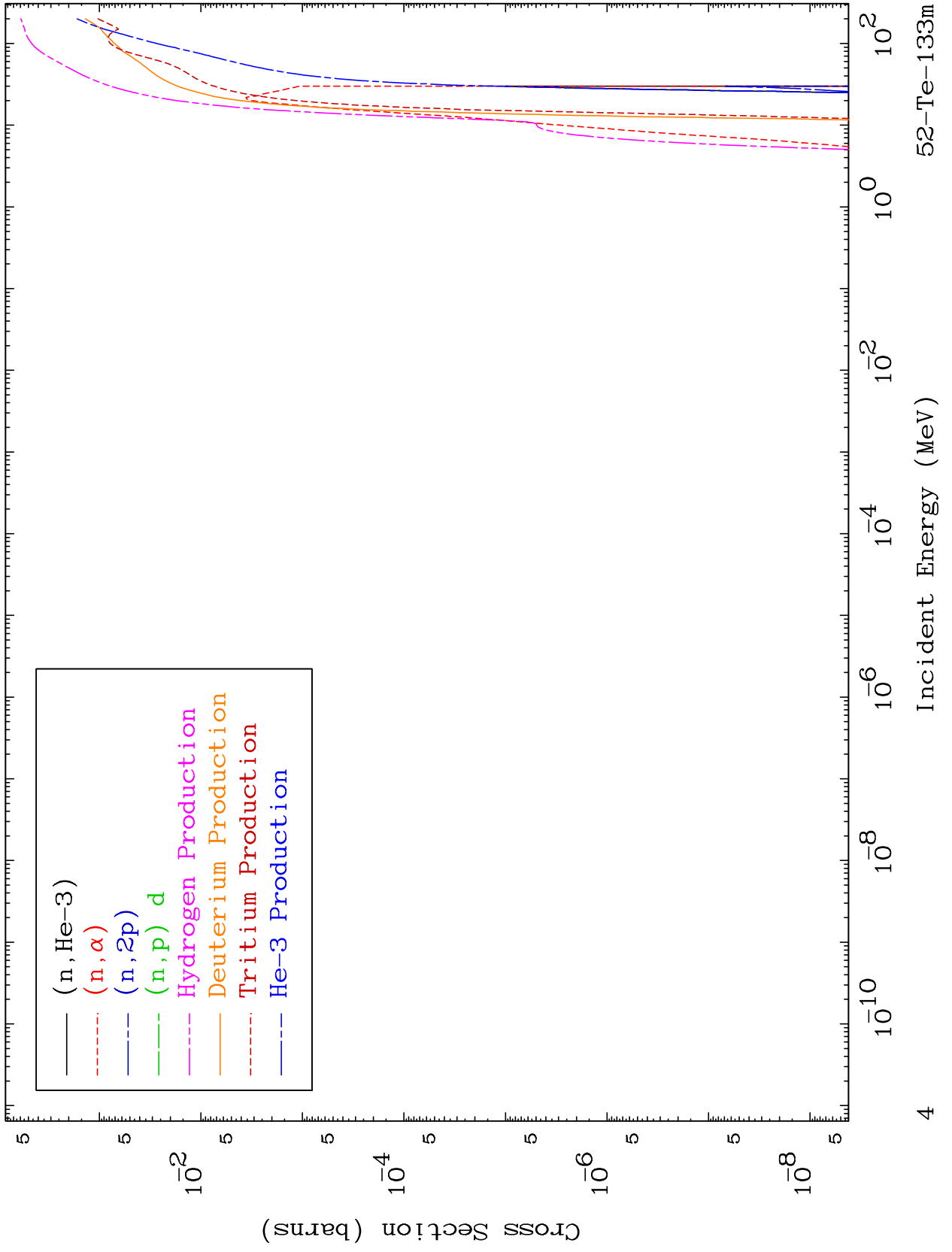
52-Te-133m



MAT 5265

Neutron Absorption
293 Kelvin Cross Sections

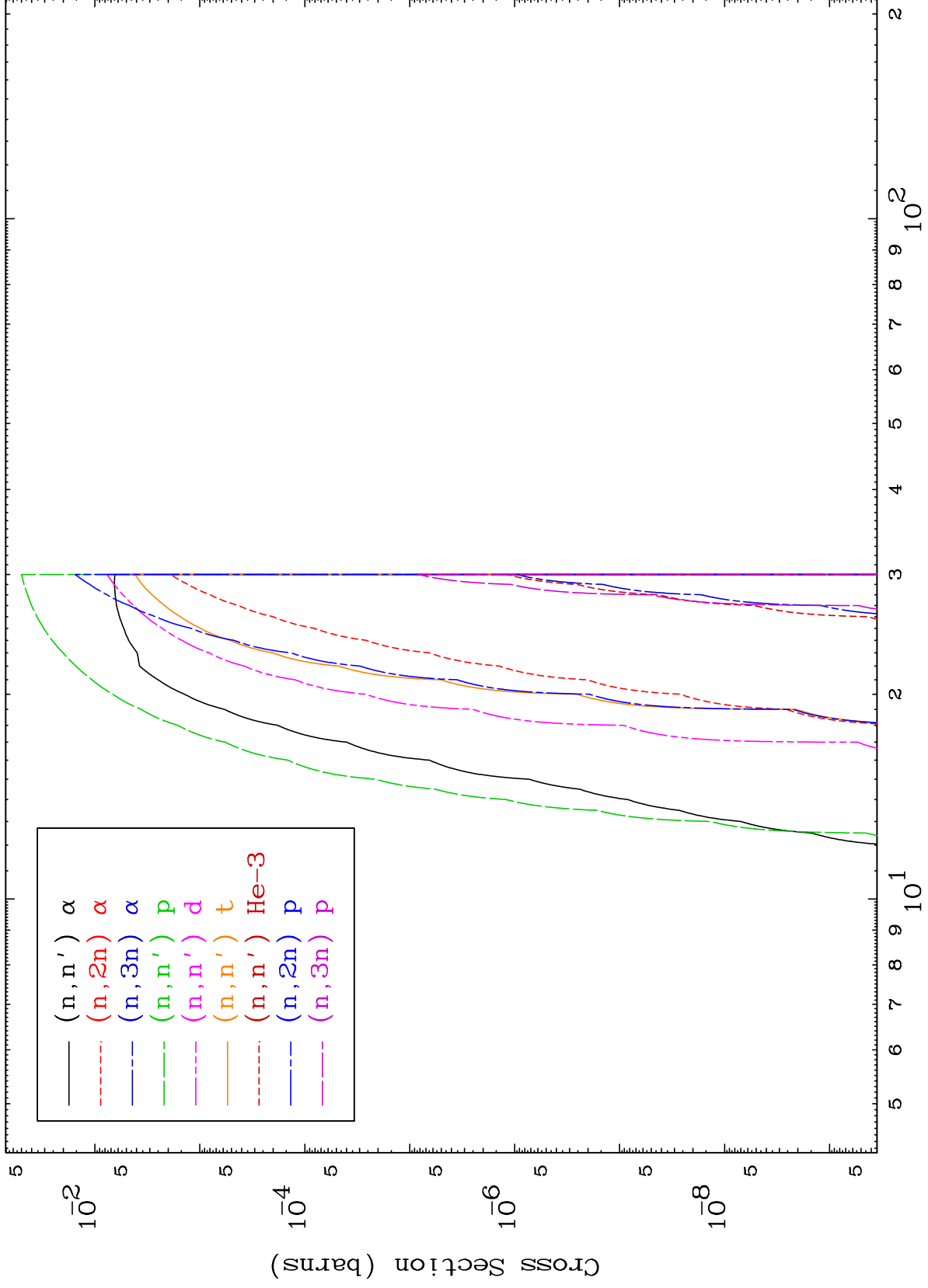
52-Te-133m



MAT 5265

Charged Particle
293 Kelvin Cross Sections

52-Te-133m



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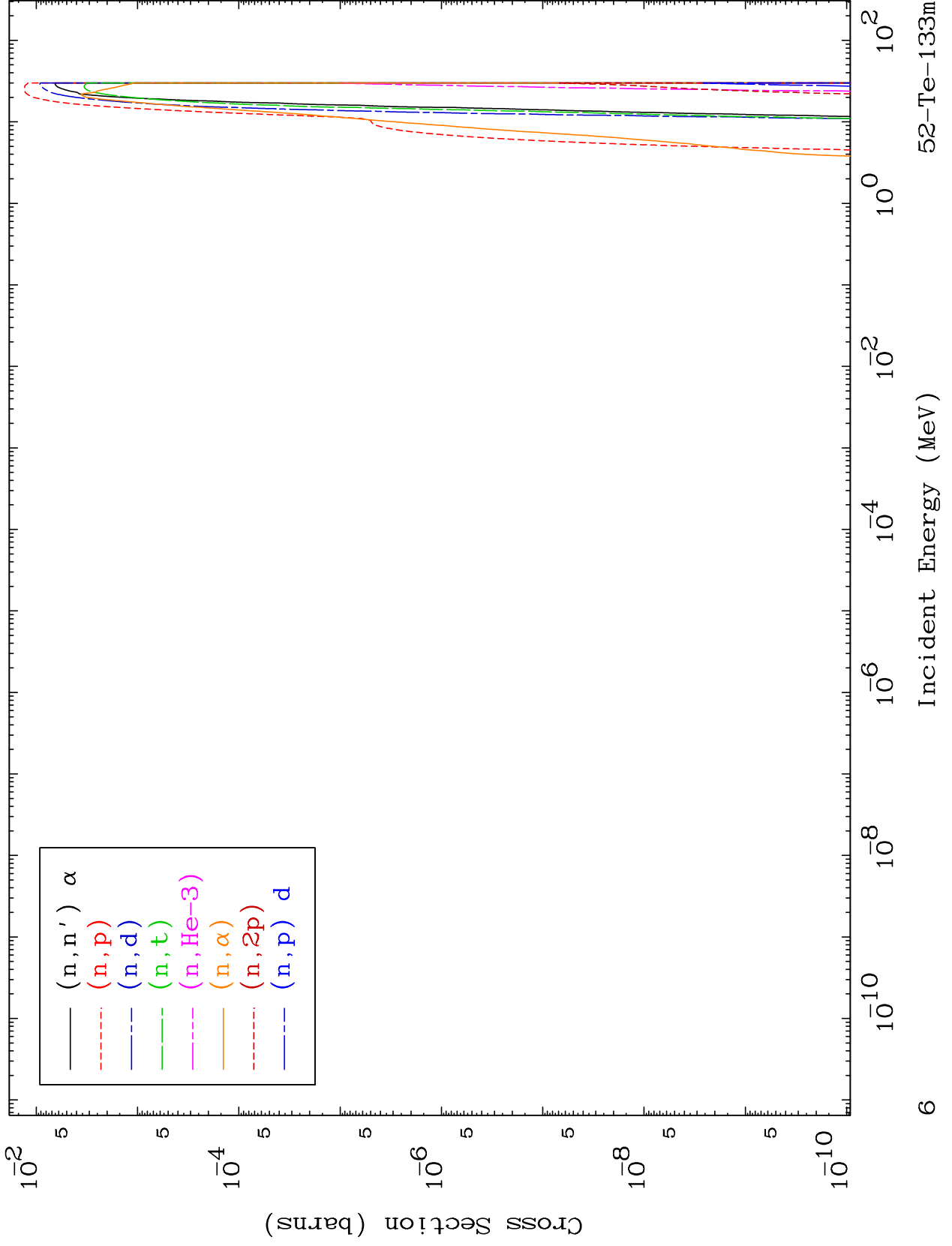
Incident Energy (MeV)

52-Te-133m

MAT 5265

Charged Particle
293 Kelvin Cross Sections

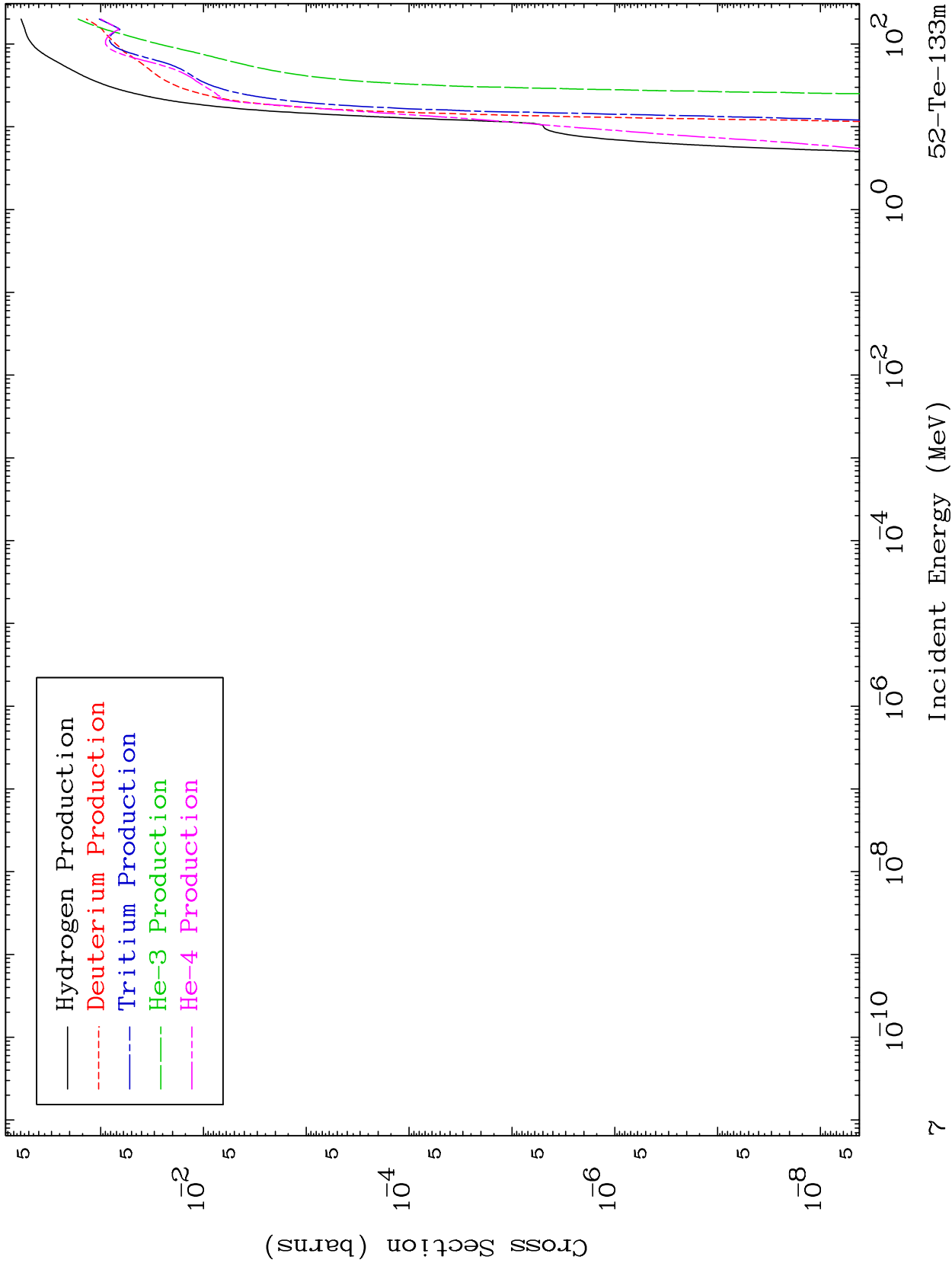
52-Te-133m



MAT 5265

Particle Production
293 Kelvin Cross Sections

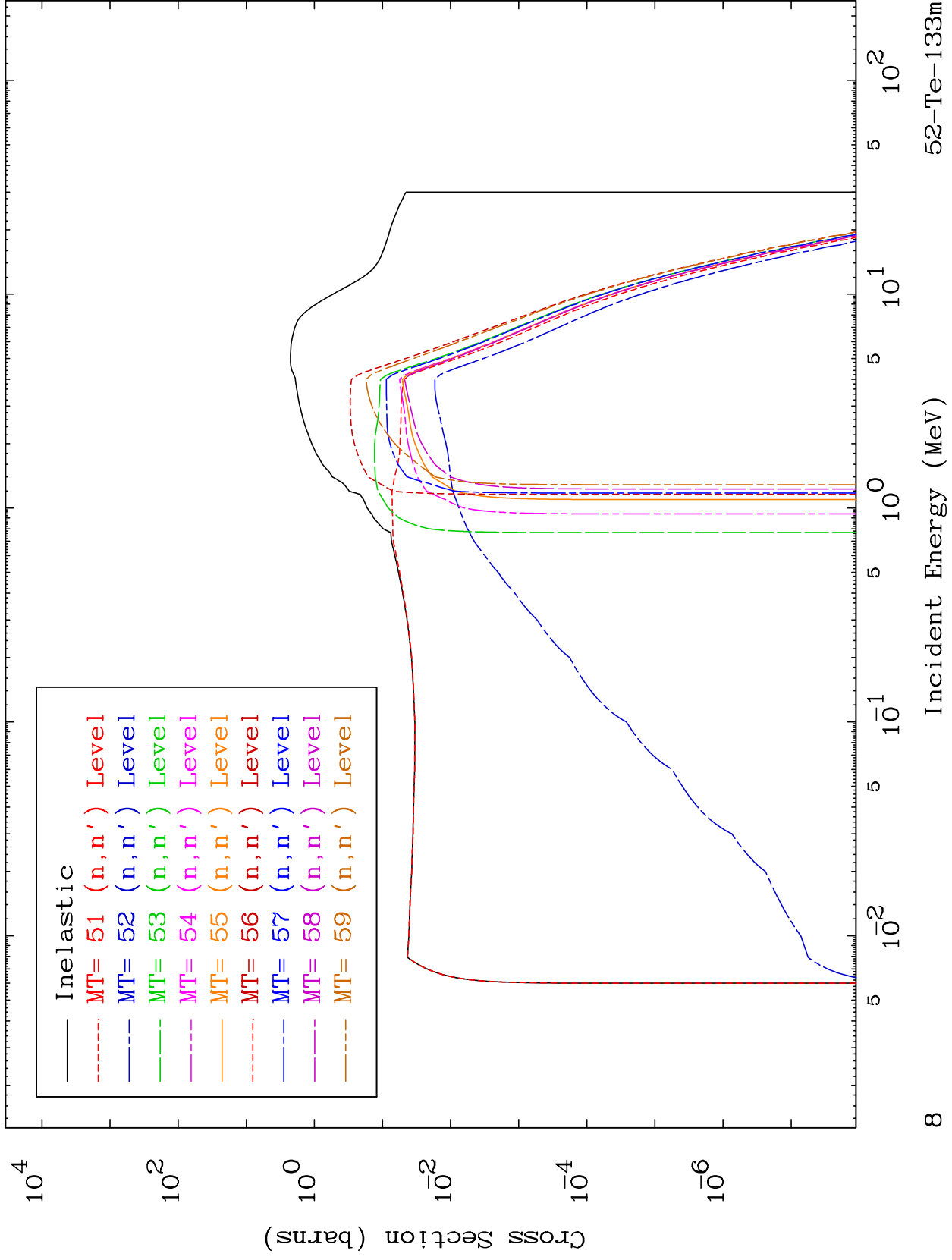
52-Te-133m



MAT 5265

(n,n') Levels
293 Kelvin Cross Sections

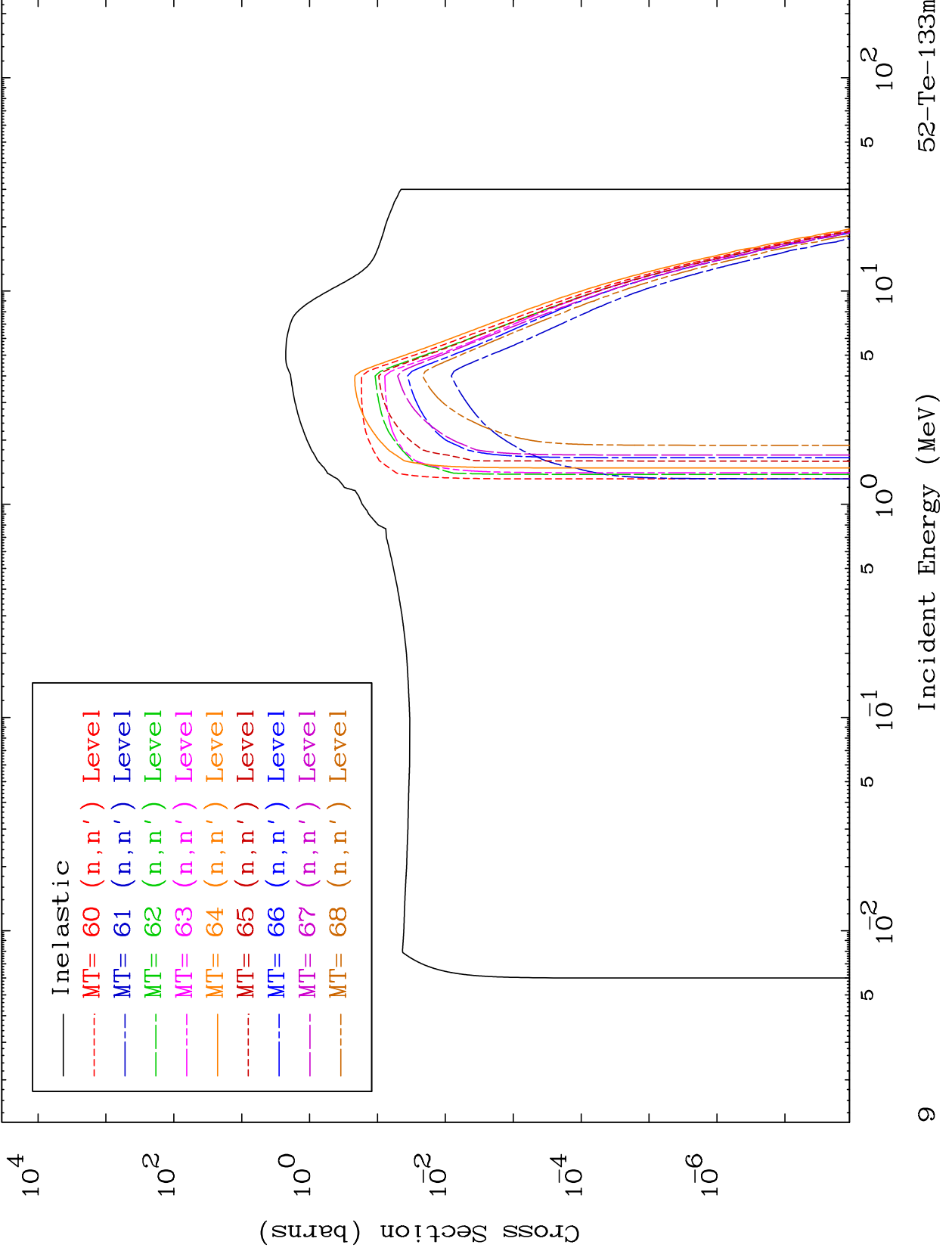
52-Te-133m



MAT 5265

(n,n') Levels
293 Kelvin Cross Sections

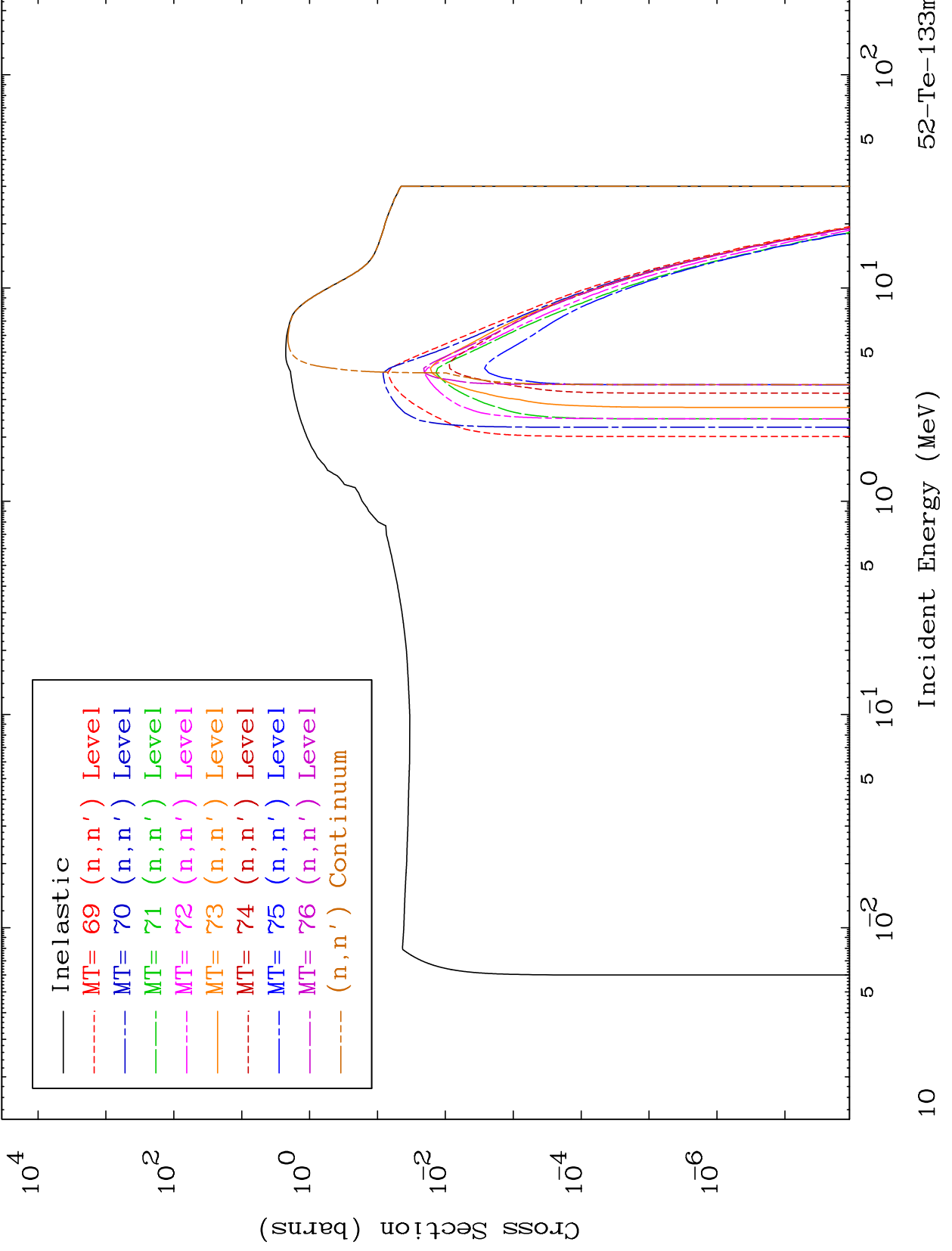
52-Te-133m



MAT 5265

(n,n') Levels
293 Kelvin Cross Sections

52-Te-133m

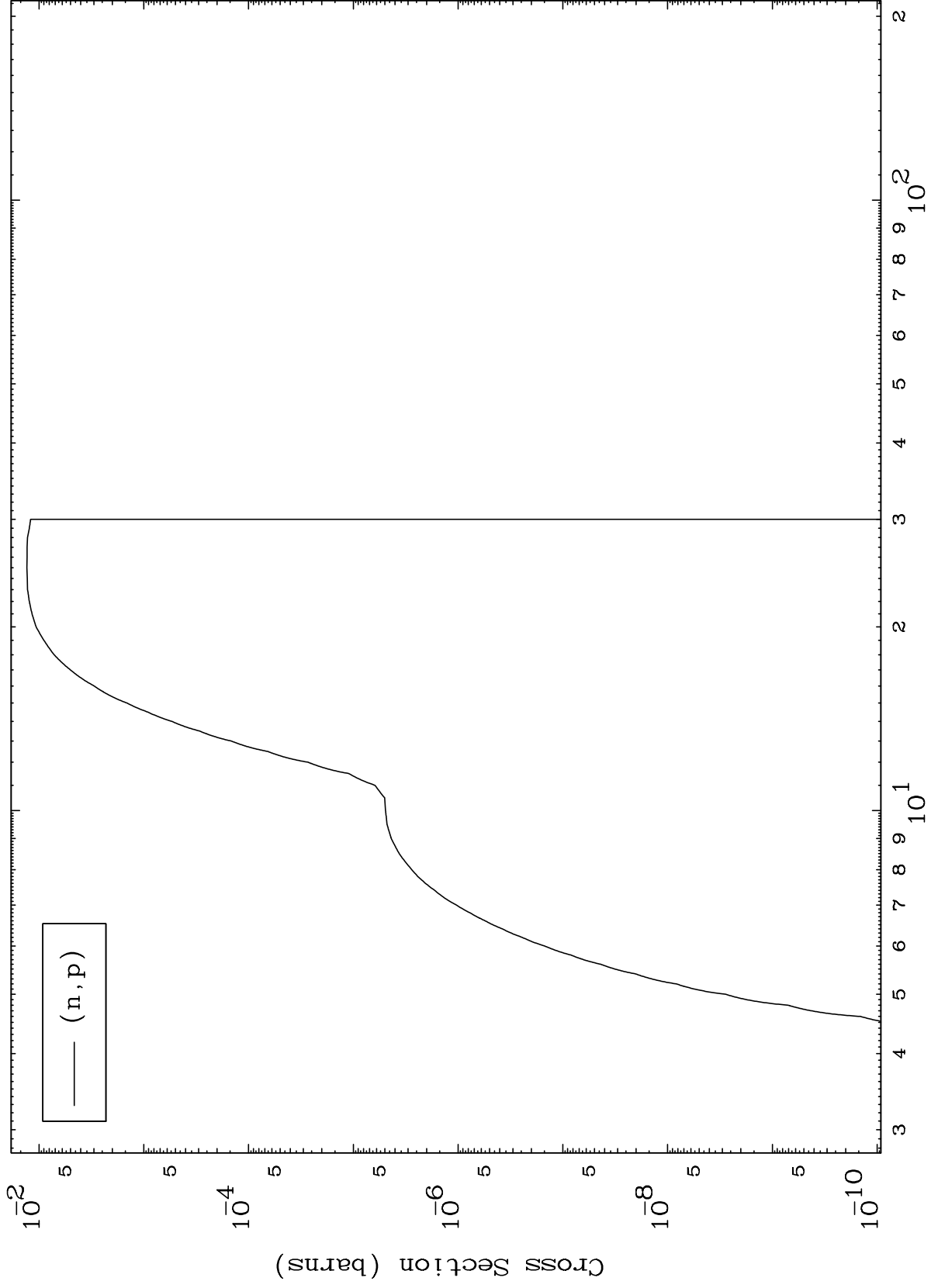


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(n,p) Levels
293 Kelvin Cross Sections

52-Te-133m



11

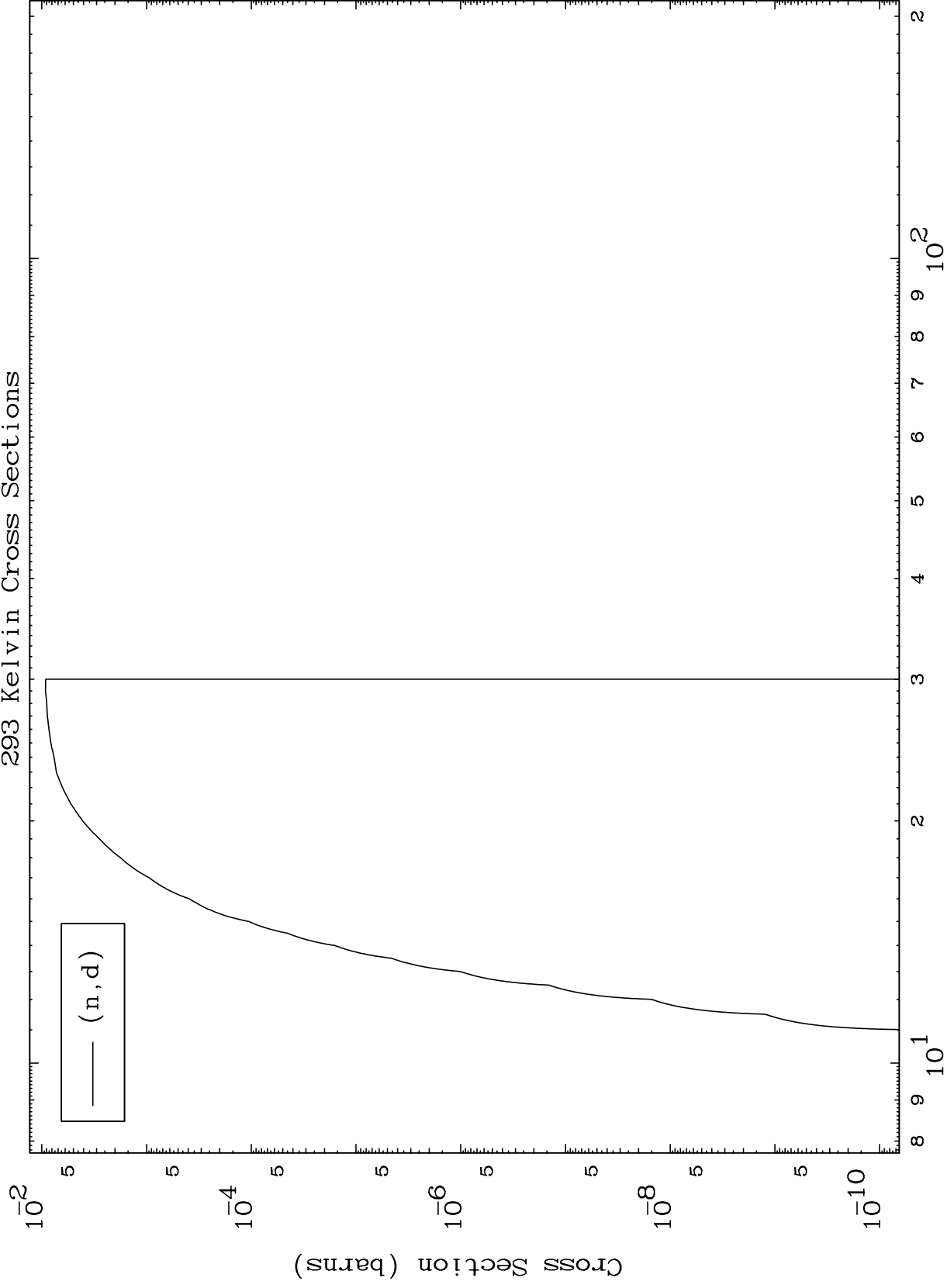
Incident Energy (MeV)

52-Te-133m

MAT 5265

(n,d) Levels
293 Kelvin Cross Sections

52-Te-133m



12

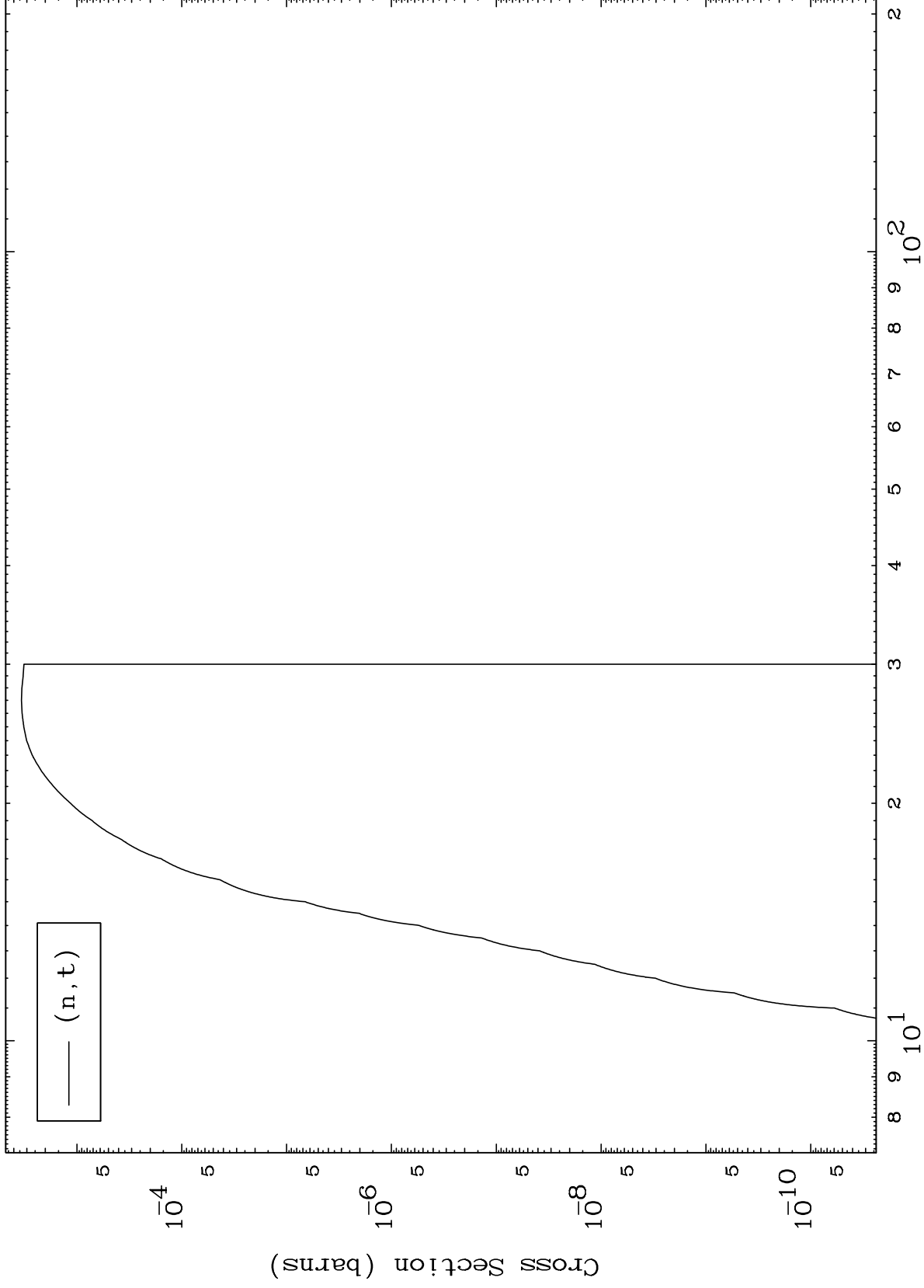
Incident Energy (MeV)

52-Te-133m

MAT 5265

(n,t) Levels
293 Kelvin Cross Sections

52-Te-133m



13

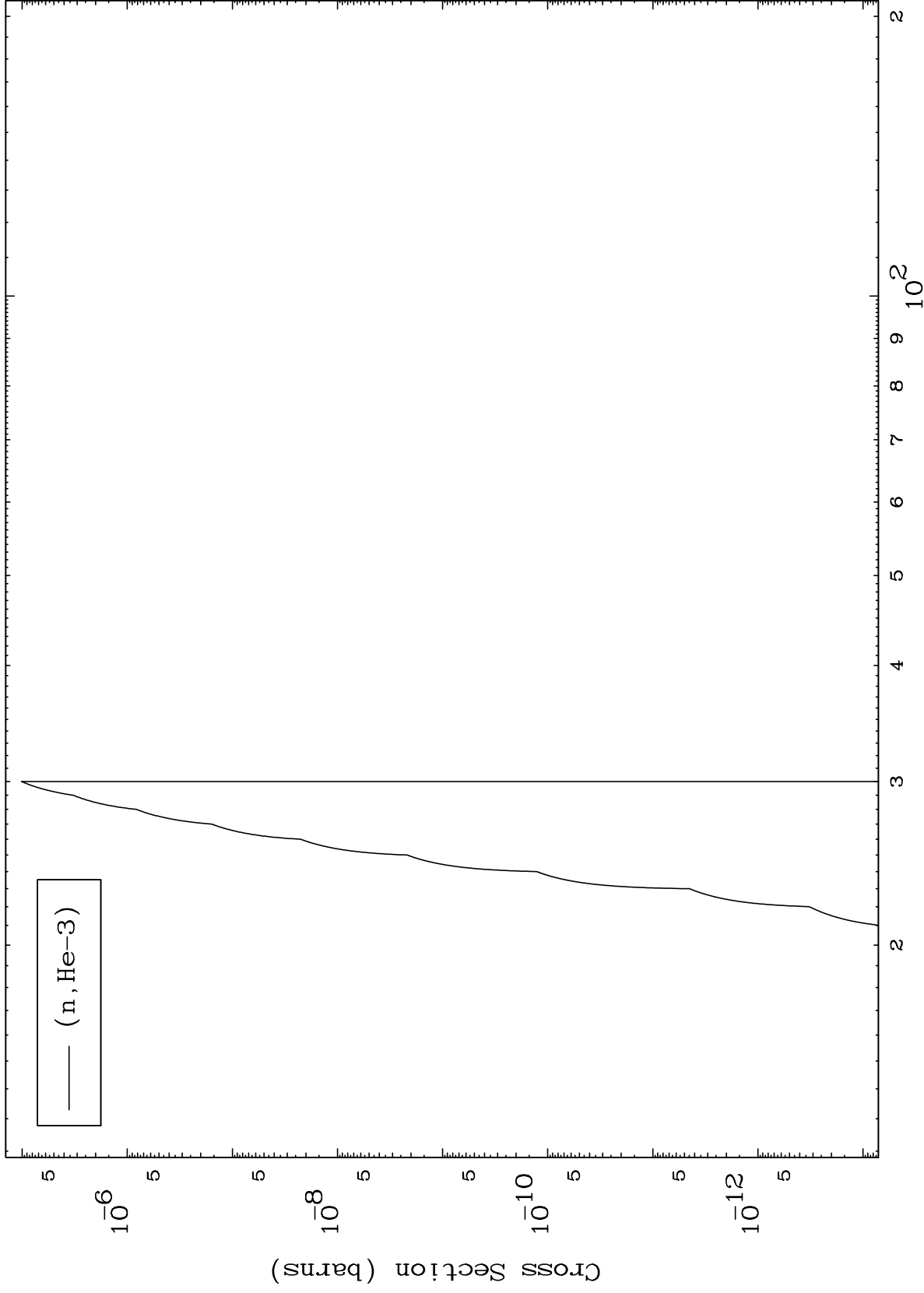
Incident Energy (MeV)

52-Te-133m

MAT 5265

(n,He3) Levels
293 Kelvin Cross Sections

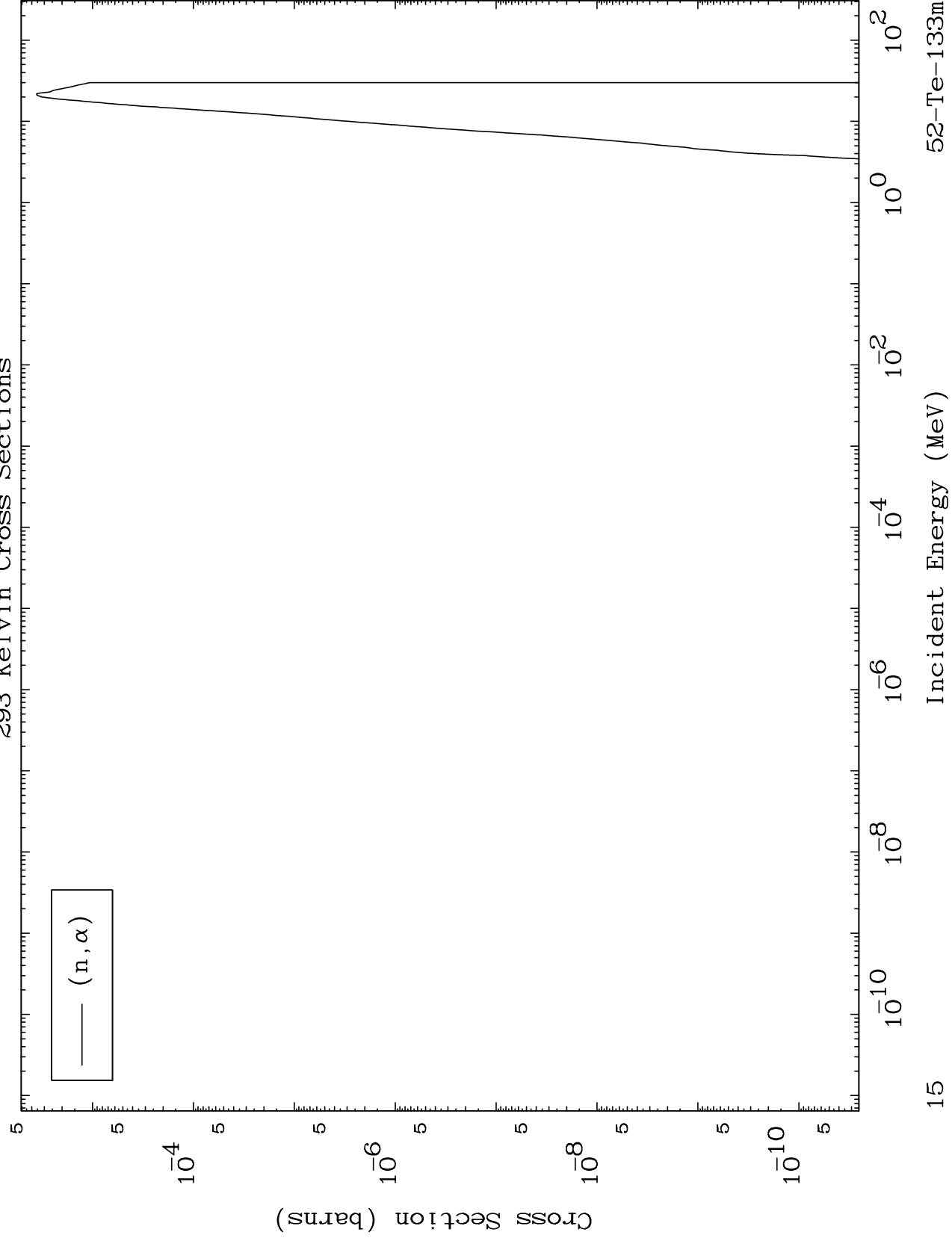
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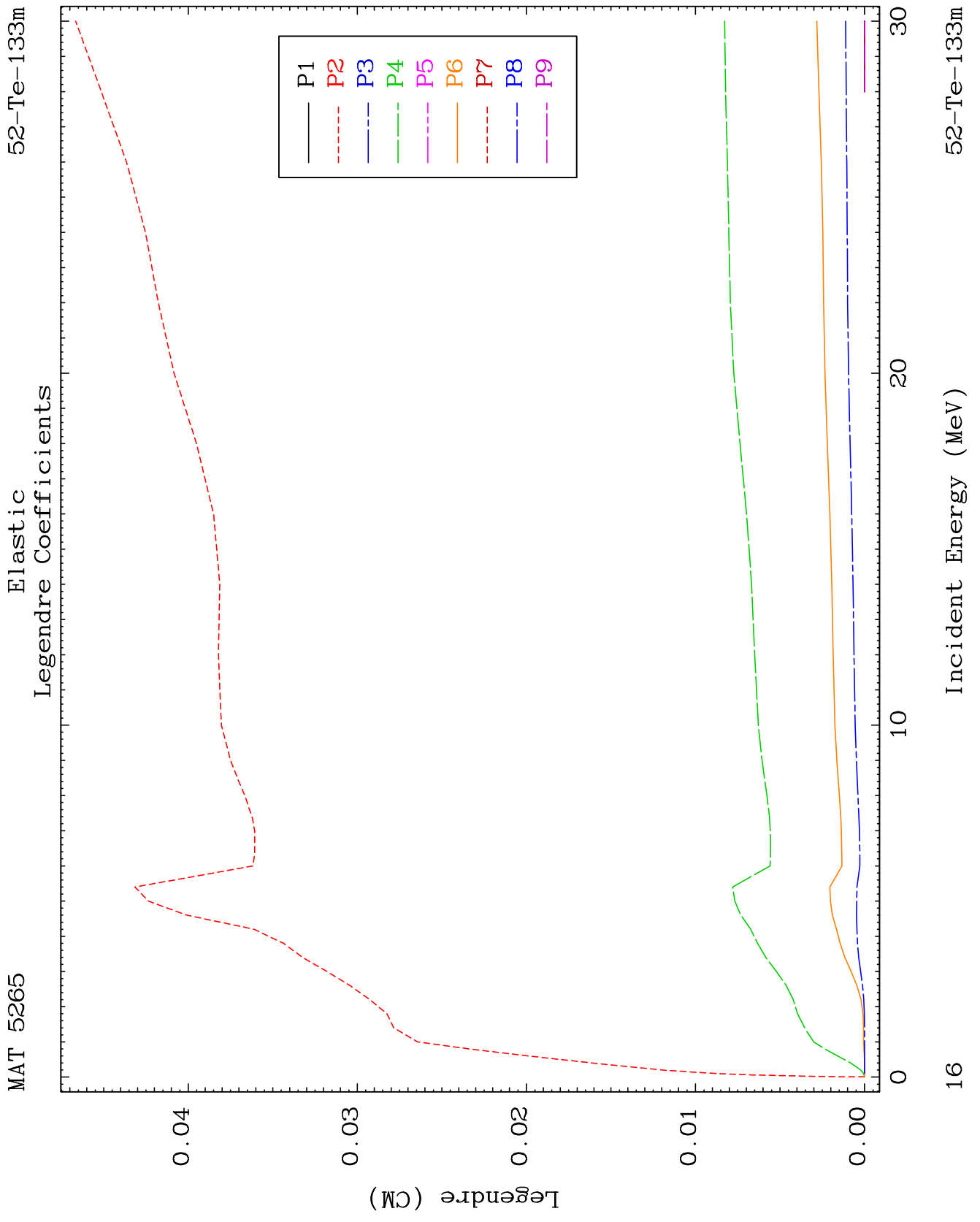
MAT 5265

(n, α) Levels
293 Kelvin Cross Sections

52-Te-133m



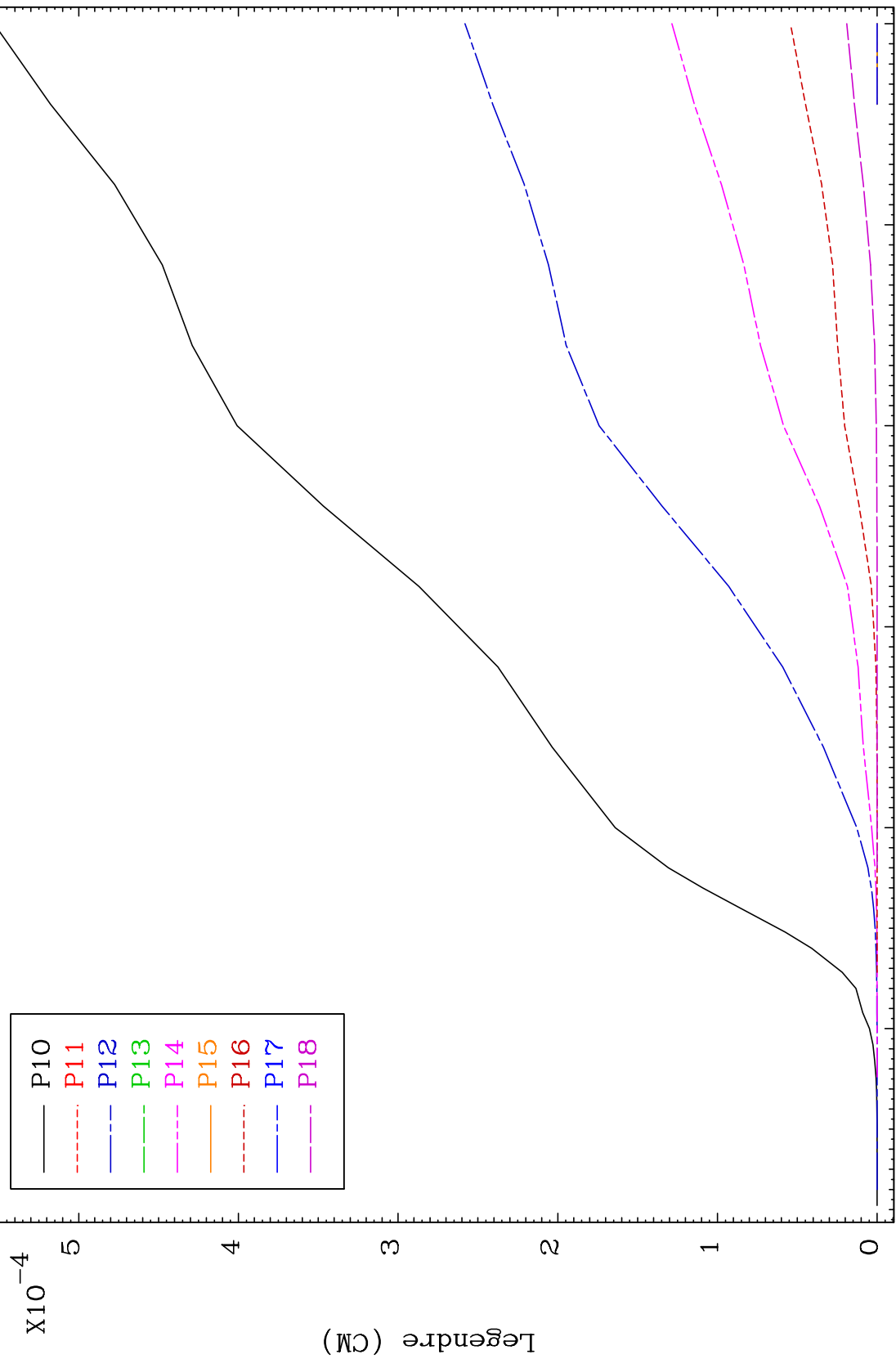
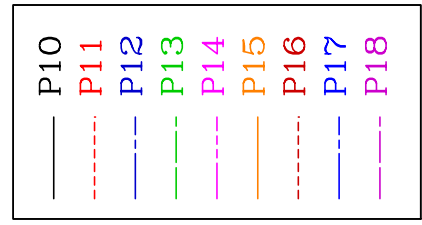
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Elastic Legendre Coefficients

52-Te-133m



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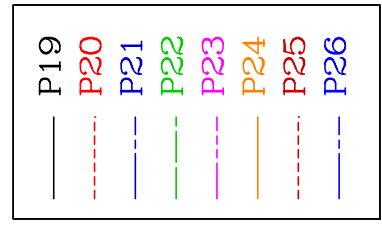
Incident Energy (MeV)

52-Te-133m

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Elastic Legendre Coefficients

52-Te-133m



$\times 10^{-6}$
1.2
0.8
0.4
0.0



18

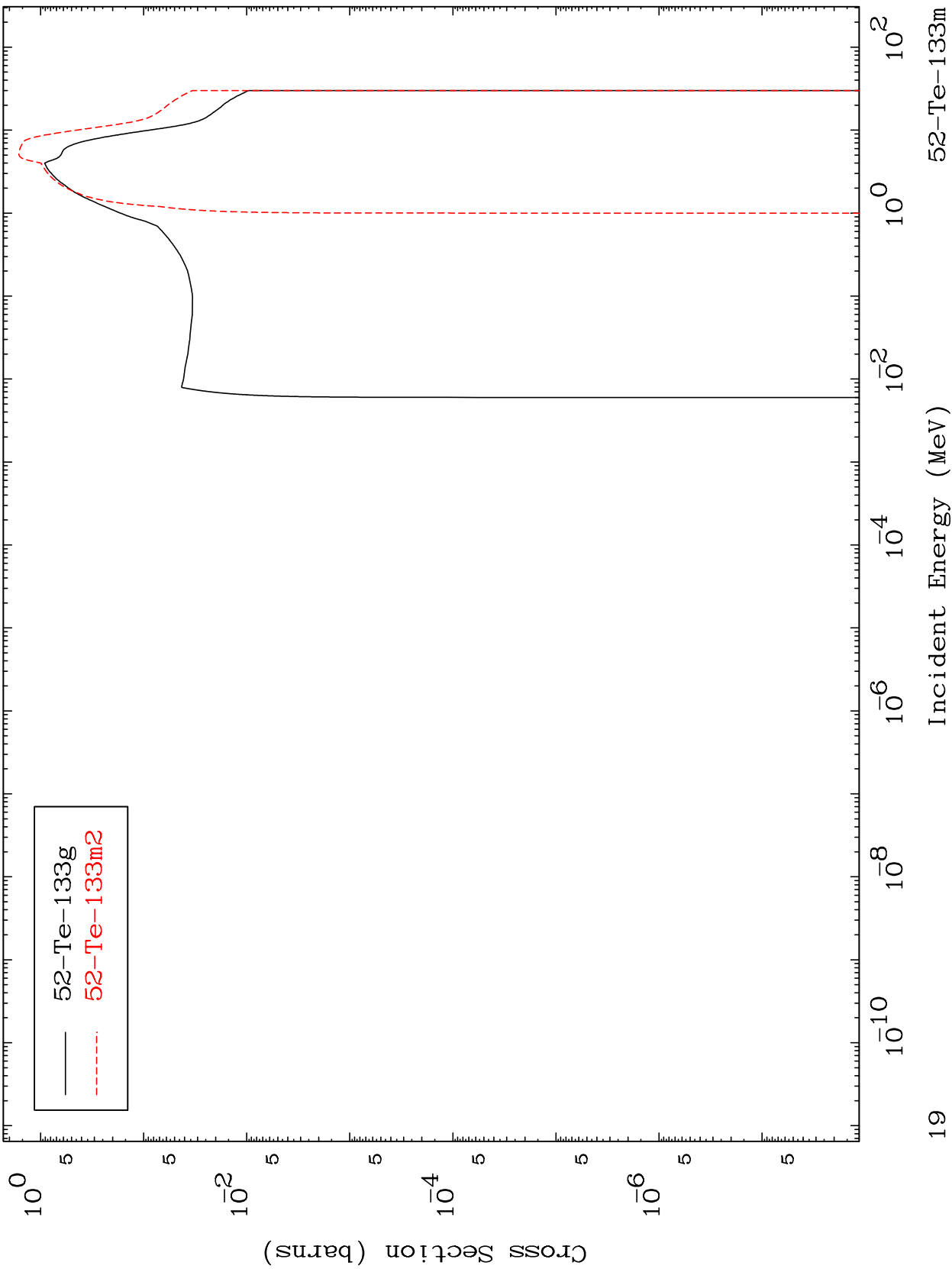
Incident Energy (MeV)

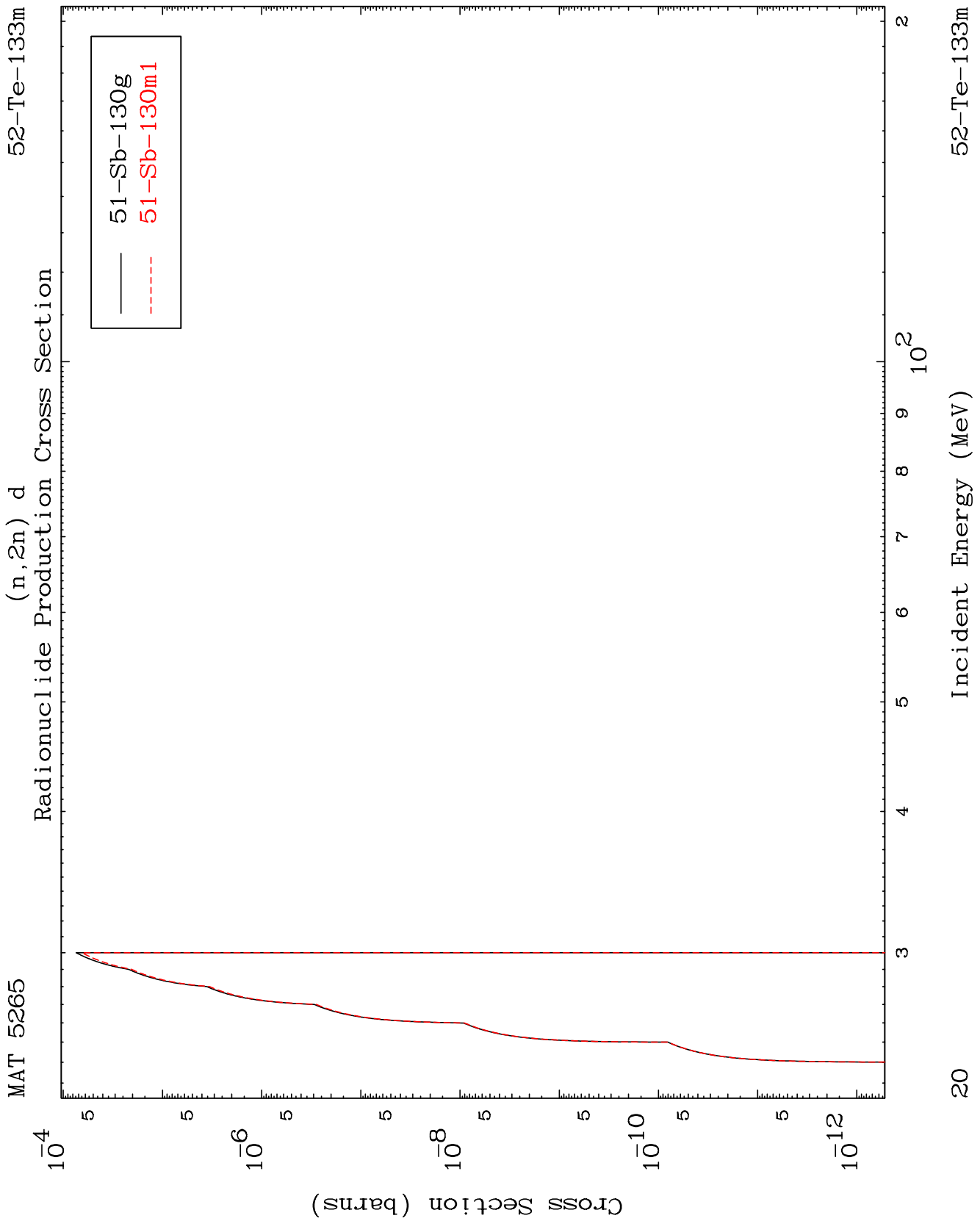
52-Te-133m

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Inelastic
Radionuclide Production Cross Section

52-Te-133m



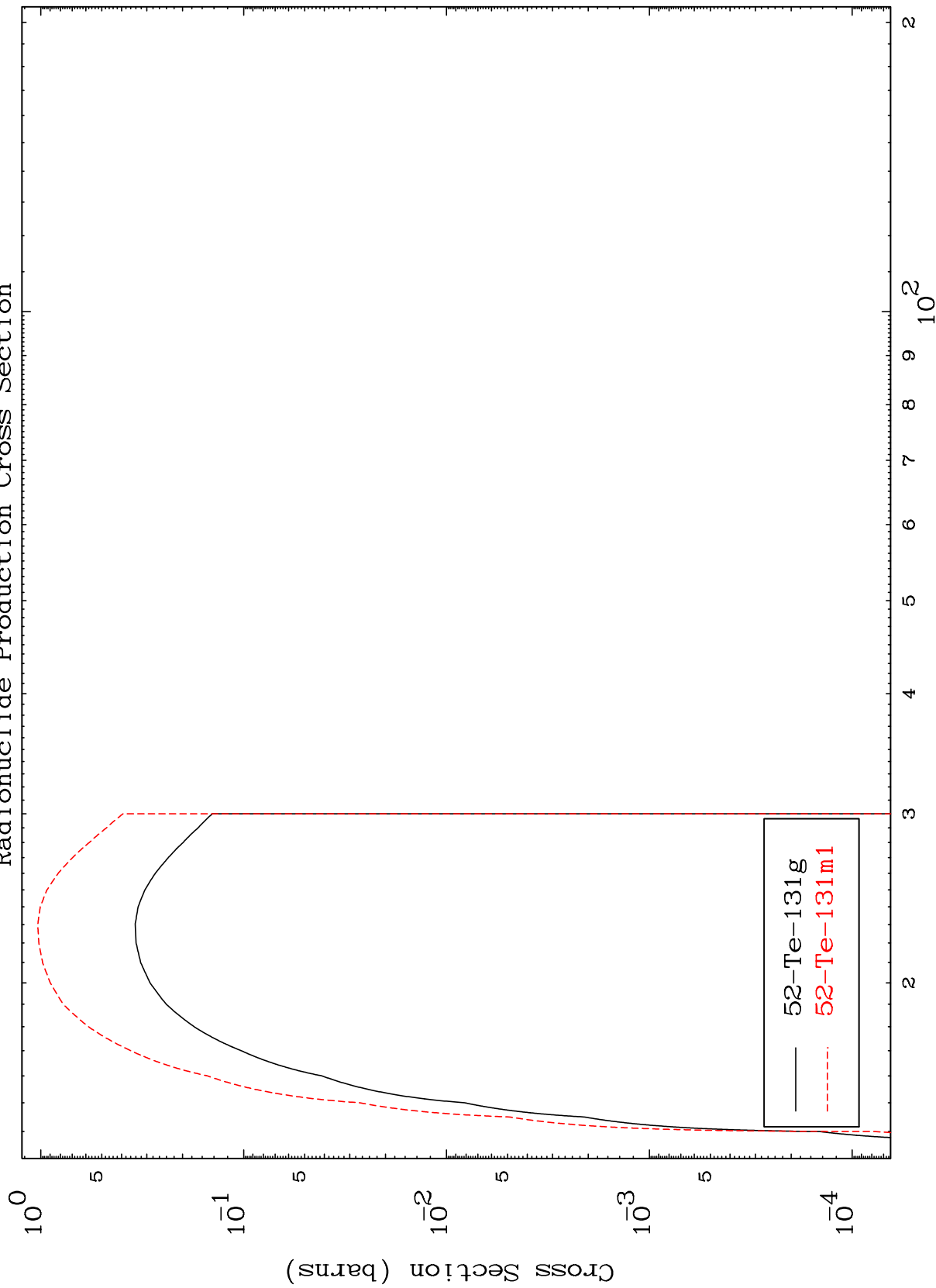


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52-Te-133m

Radionuclide Production Cross Section

(n,3n)



52-Te-133m

Incident Energy (MeV)

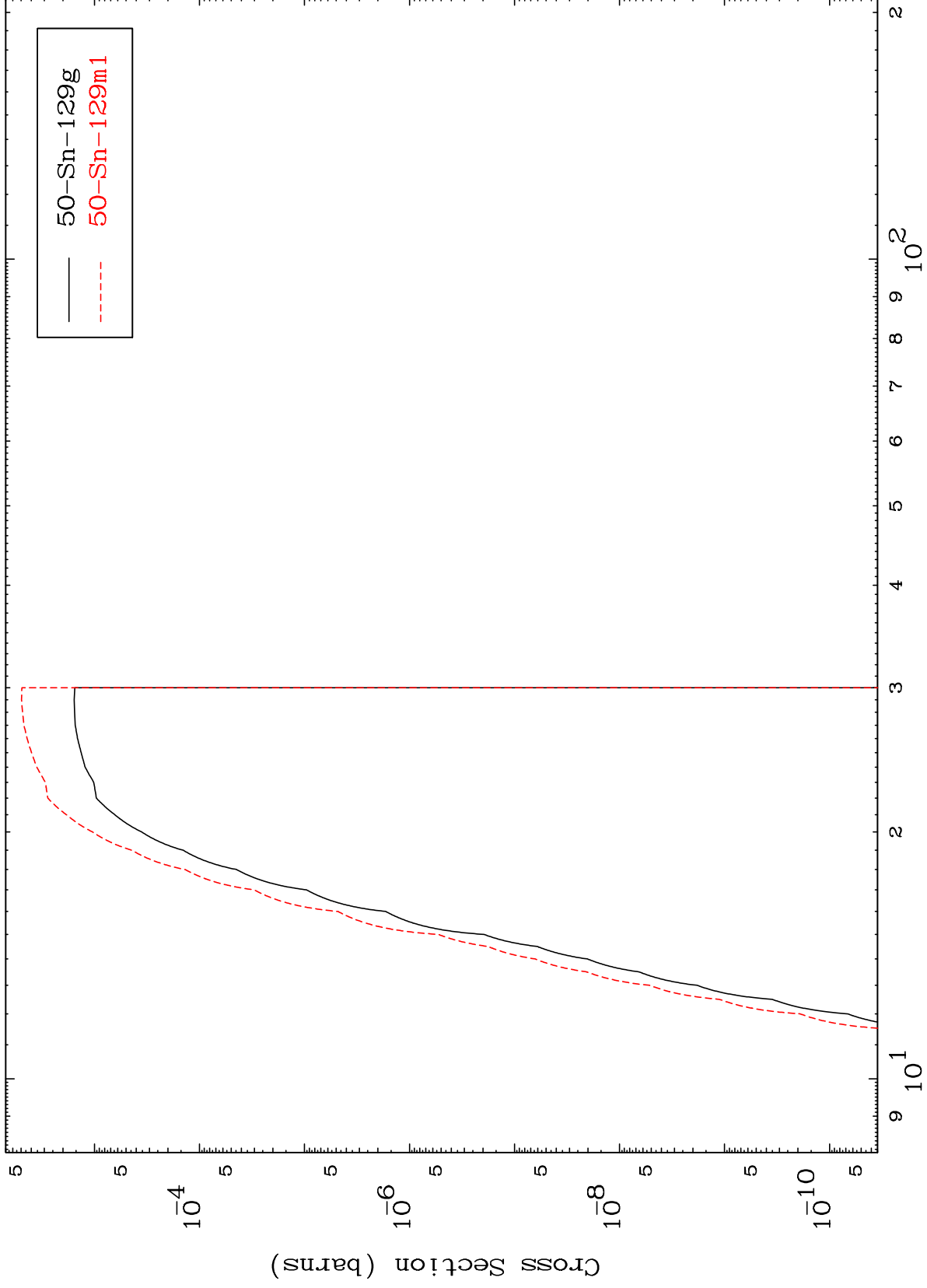
21

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$(n, n') \alpha$

52-Te-133m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

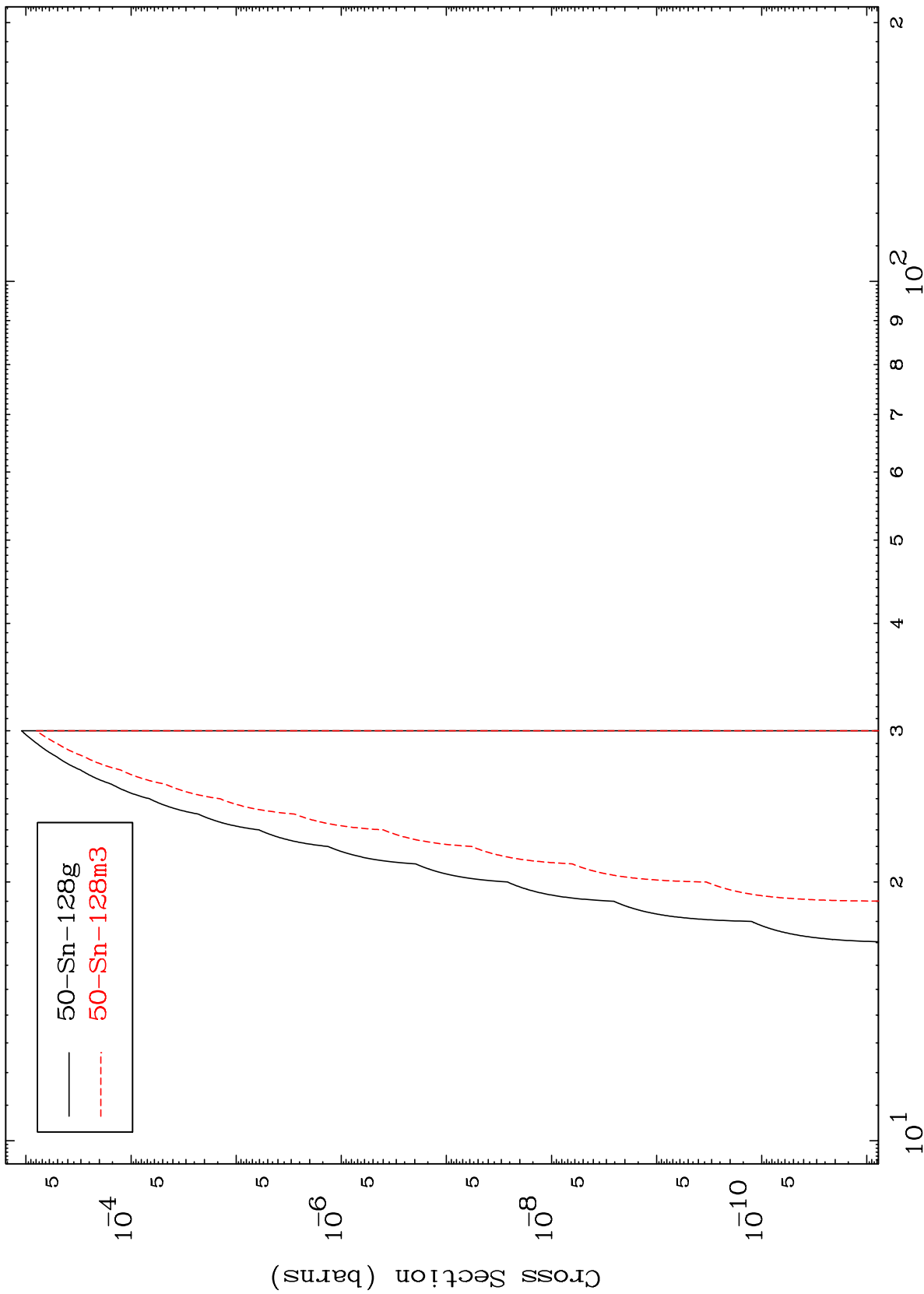
52-Te-133m

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(n,2n) α

52-Te-133m

Radionuclide Production Cross Section



50-Sn-128g
50-Sn-128m3

Incident Energy (MeV)

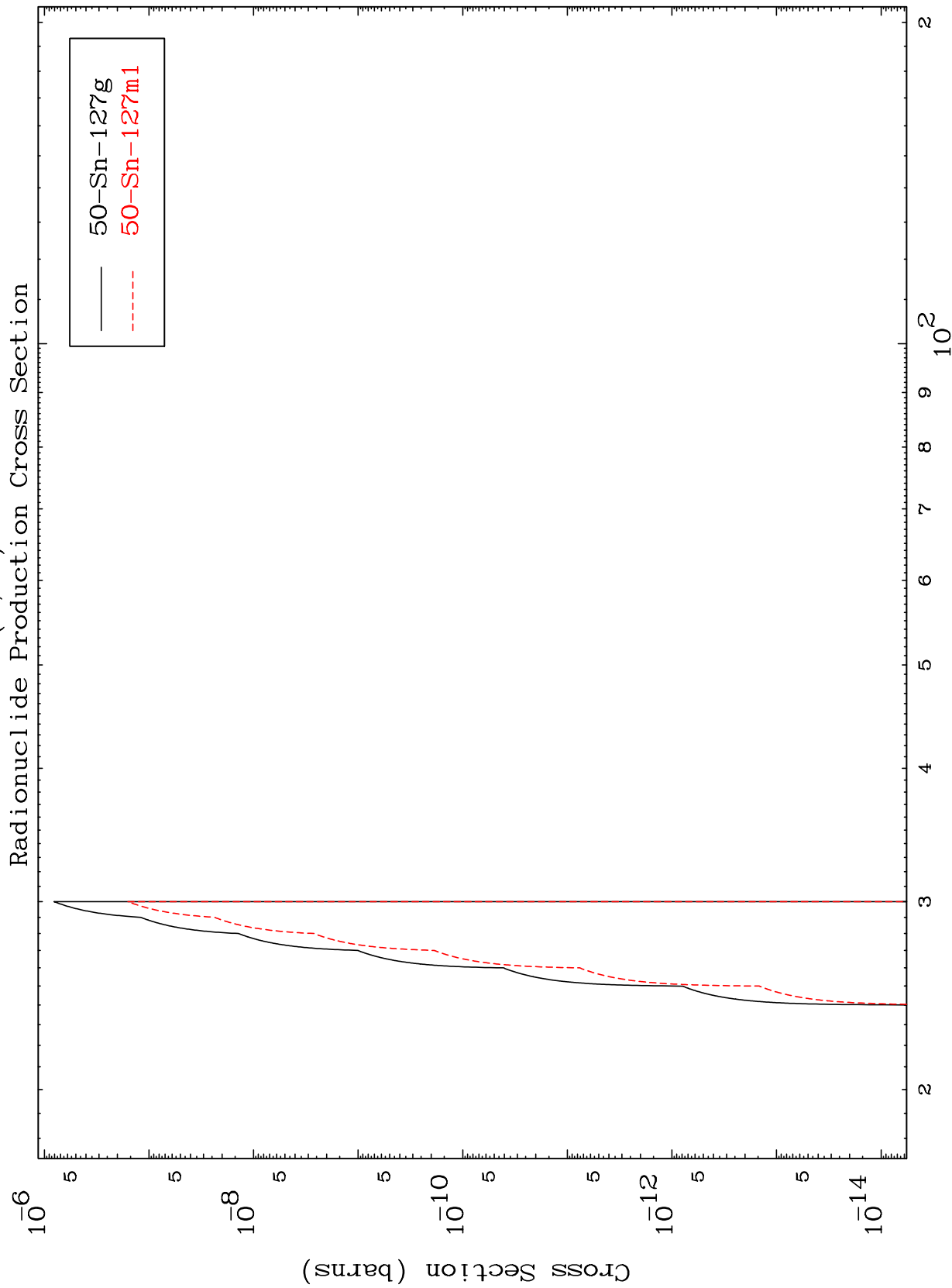
52-Te-133m

23

MAT 5265

(n,3n) α

52-Te-133m



24

Incident Energy (MeV)

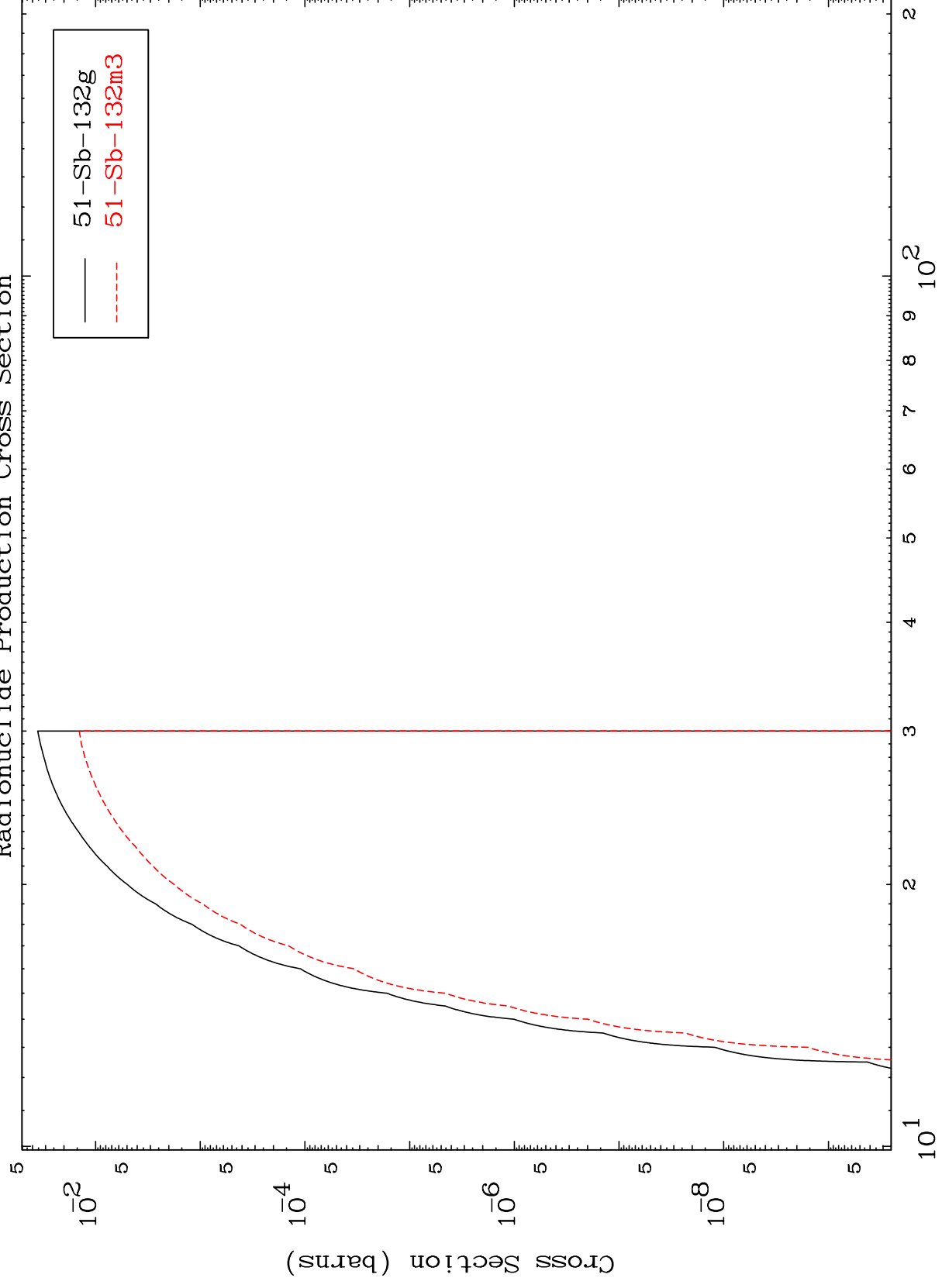
52-Te-133m

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(n,n') p

52-Te-133m

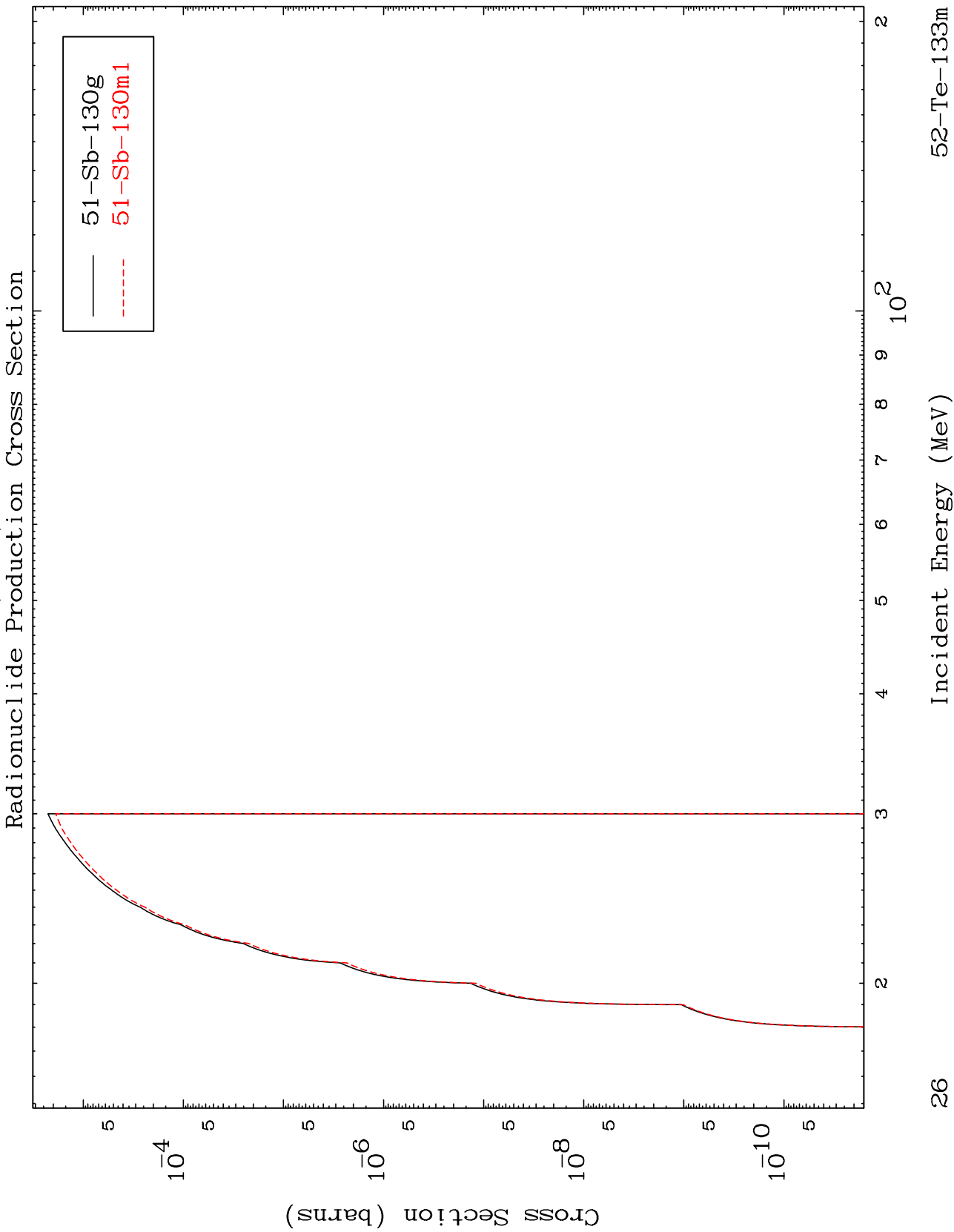
Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-133m

25

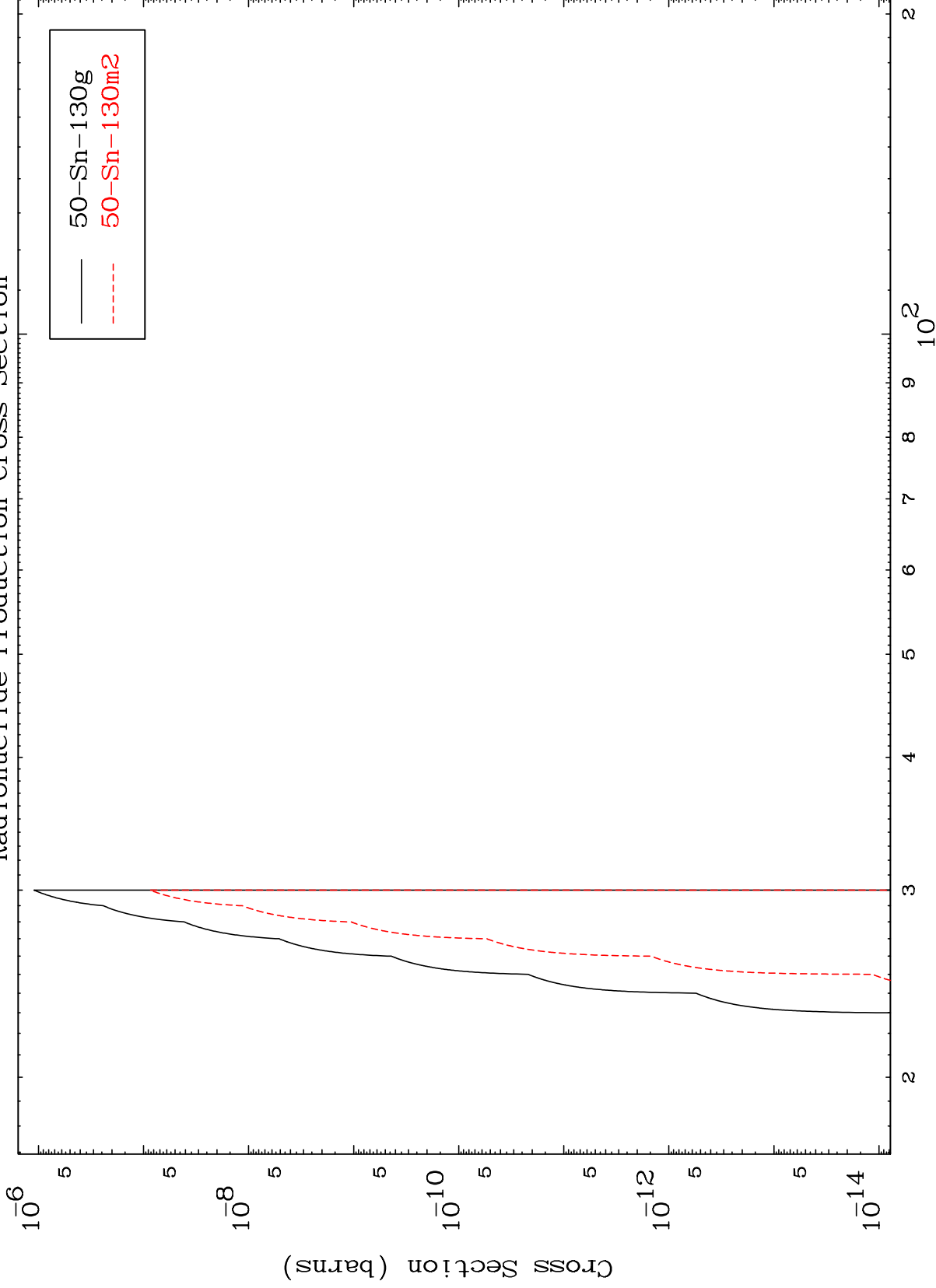


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(n,n') He-3

52-Te-133m

Radionuclide Production Cross Section



27

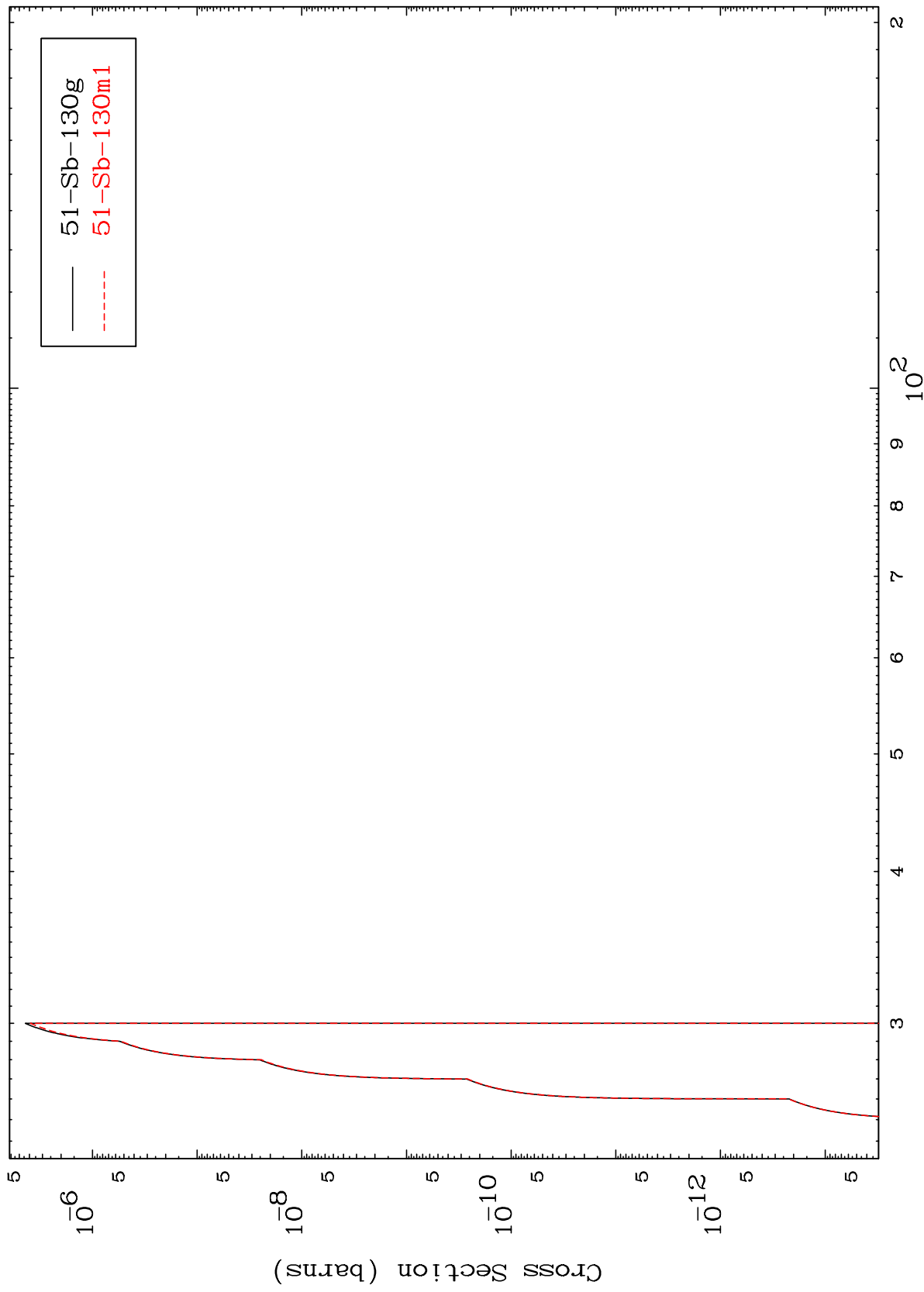
Incident Energy (MeV)

52-Te-133m

MAT 5265

52-Te-133m

(n,3n) p
Radionuclide Production Cross Section



28

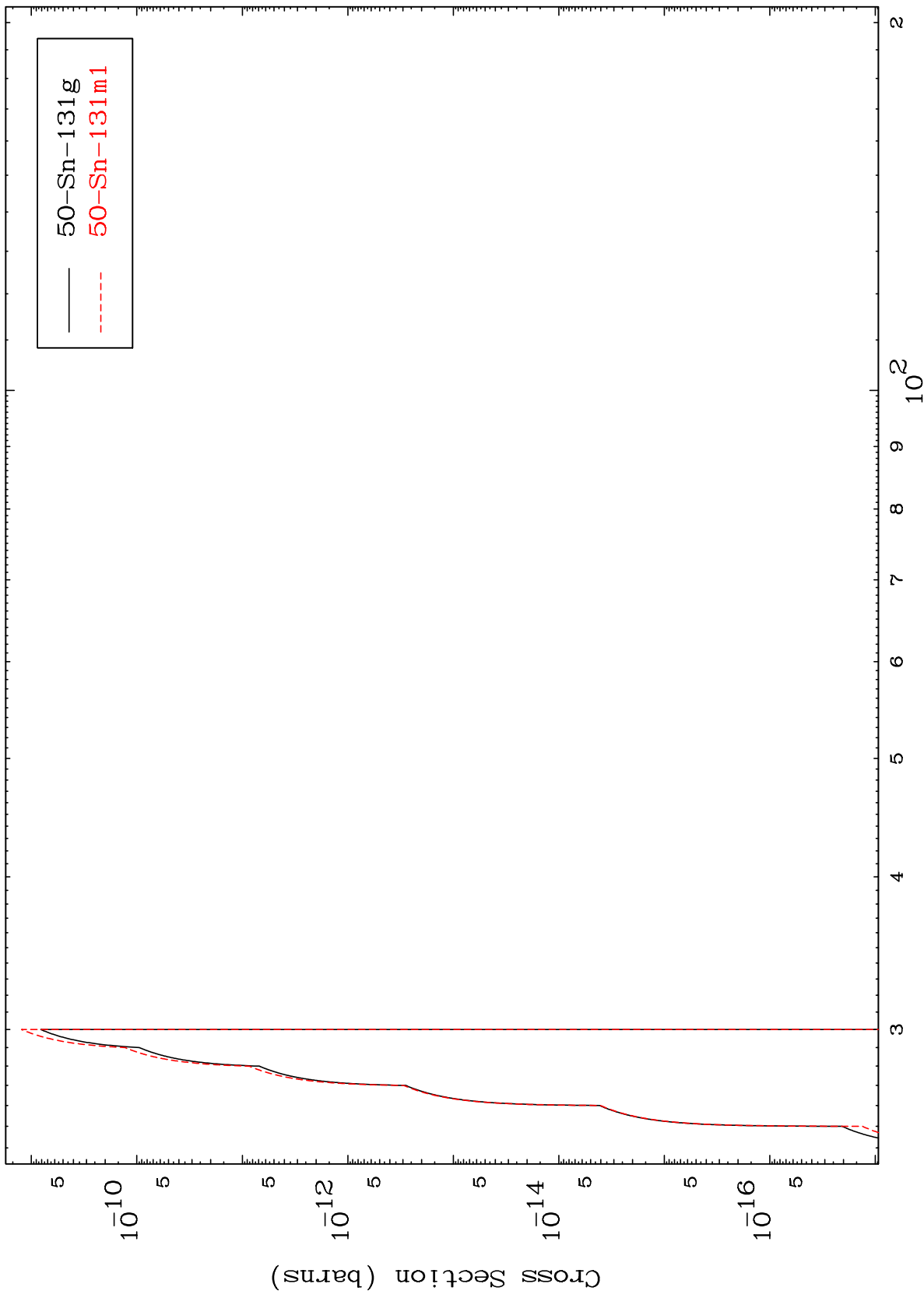
52-Te-133m

Incident Energy (MeV)

MAT 5265

52-Te-133m

(n,2n) p
Radionuclide Production Cross Section



29

52-Te-133m

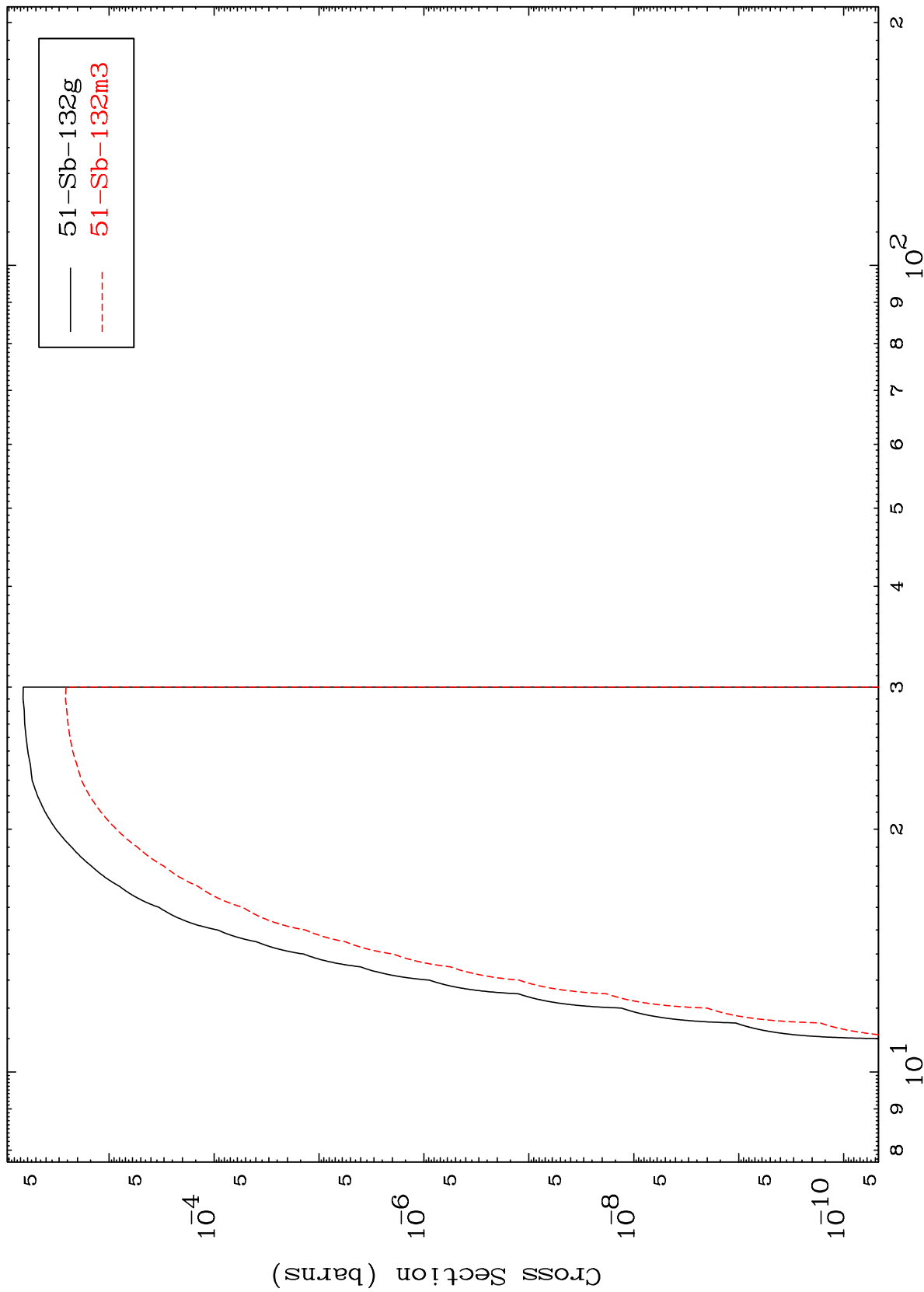
Incident Energy (MeV)

MAT 5265

(n,d)

52-Te-133m

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-133m

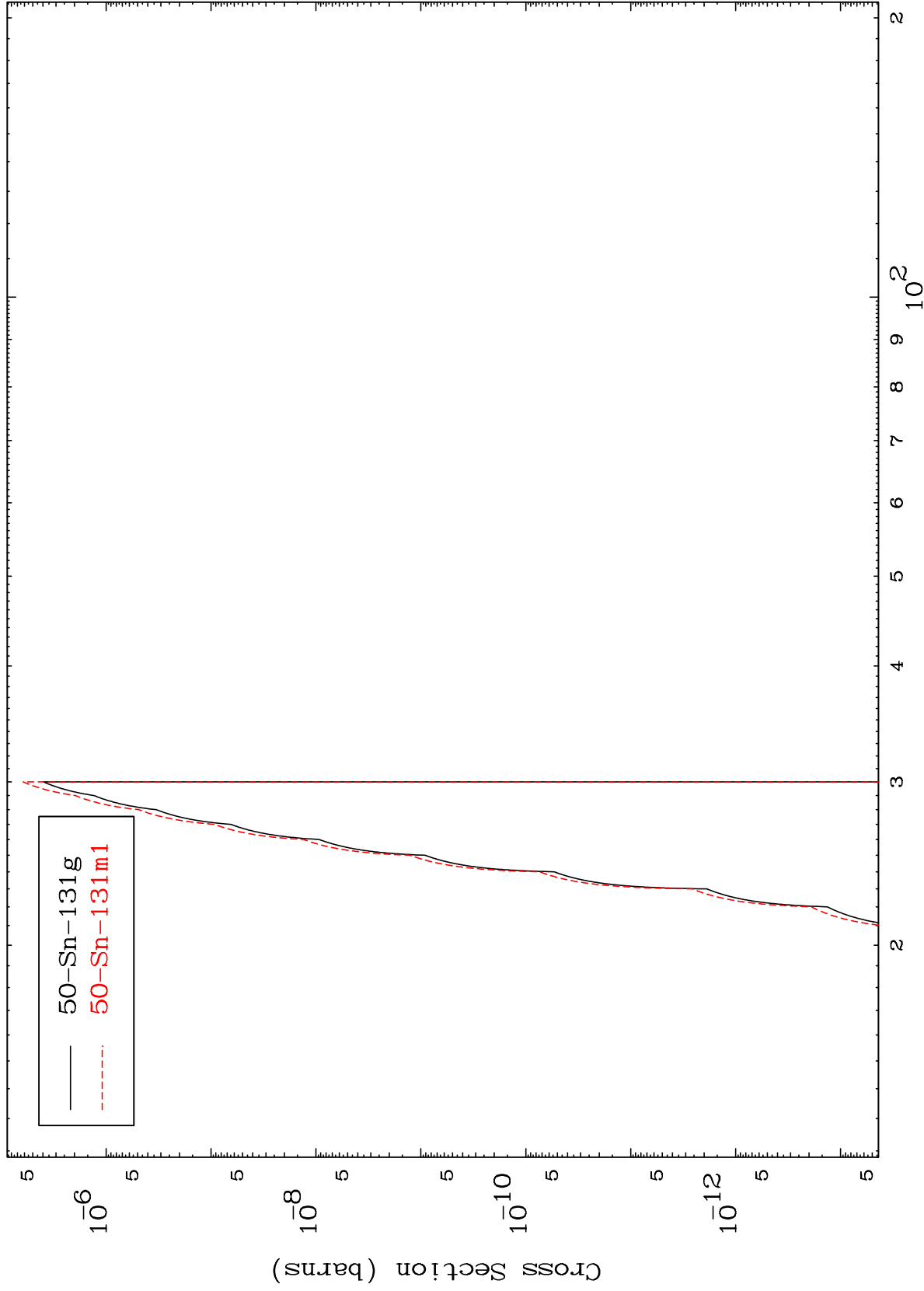
30

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(n,He-3)

52-Te-133m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

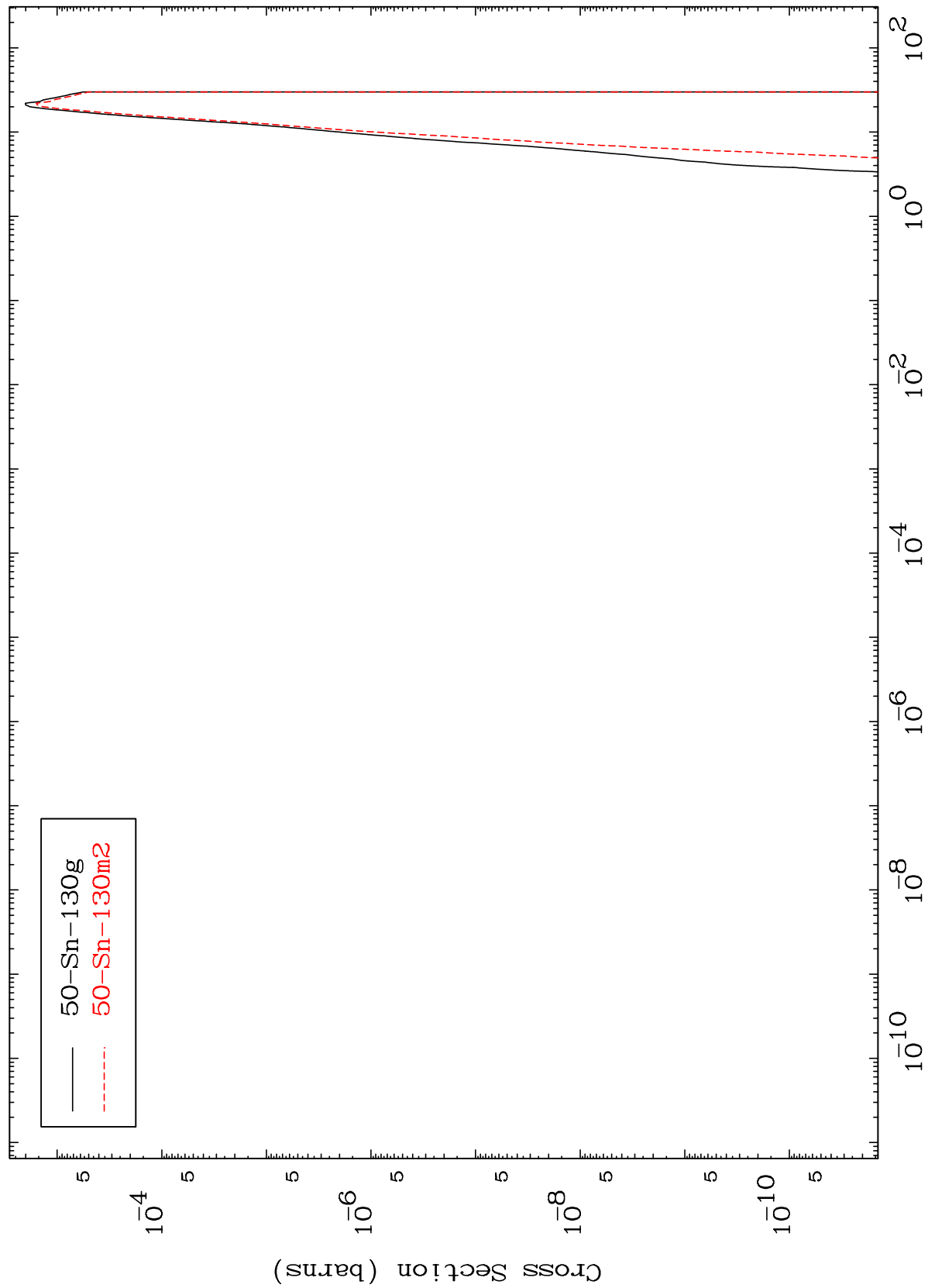
52-Te-133m

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(n, α)

52-Te-133m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

