

Program EVALPLOT
(Version 2021-1)

by

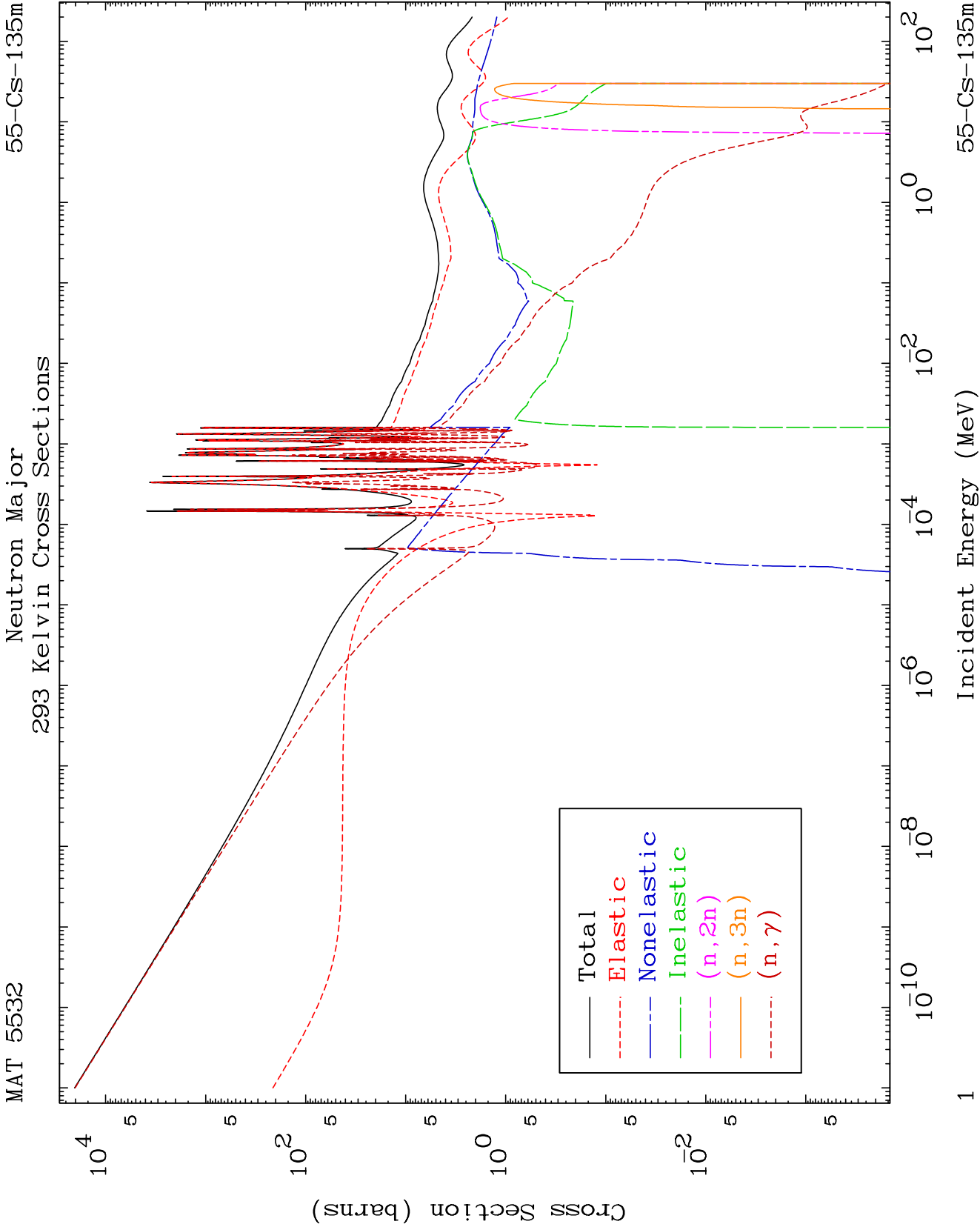
Dermott E. Cullen
(Present Contact Information)

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

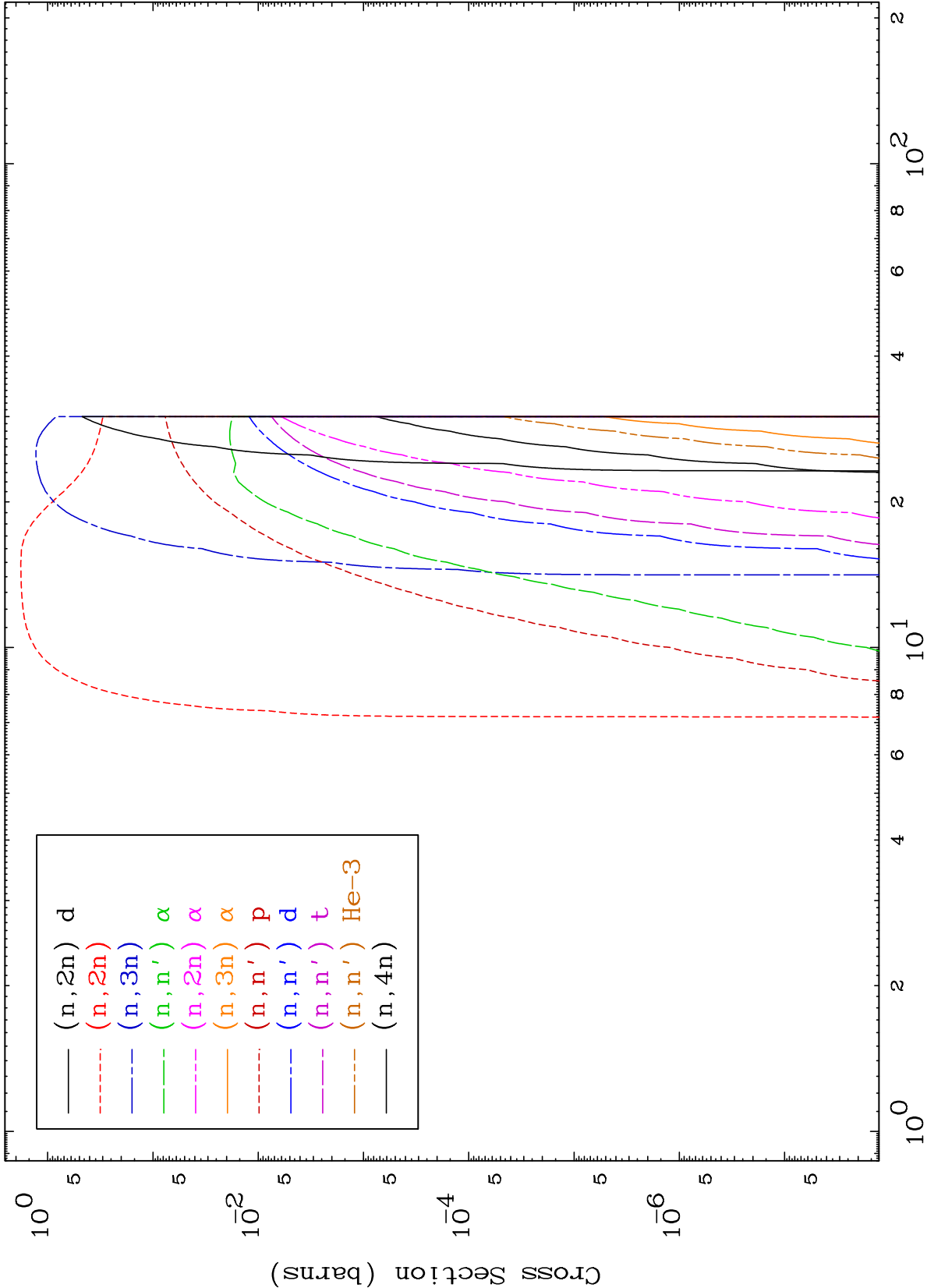
Press Mouse Button to Start



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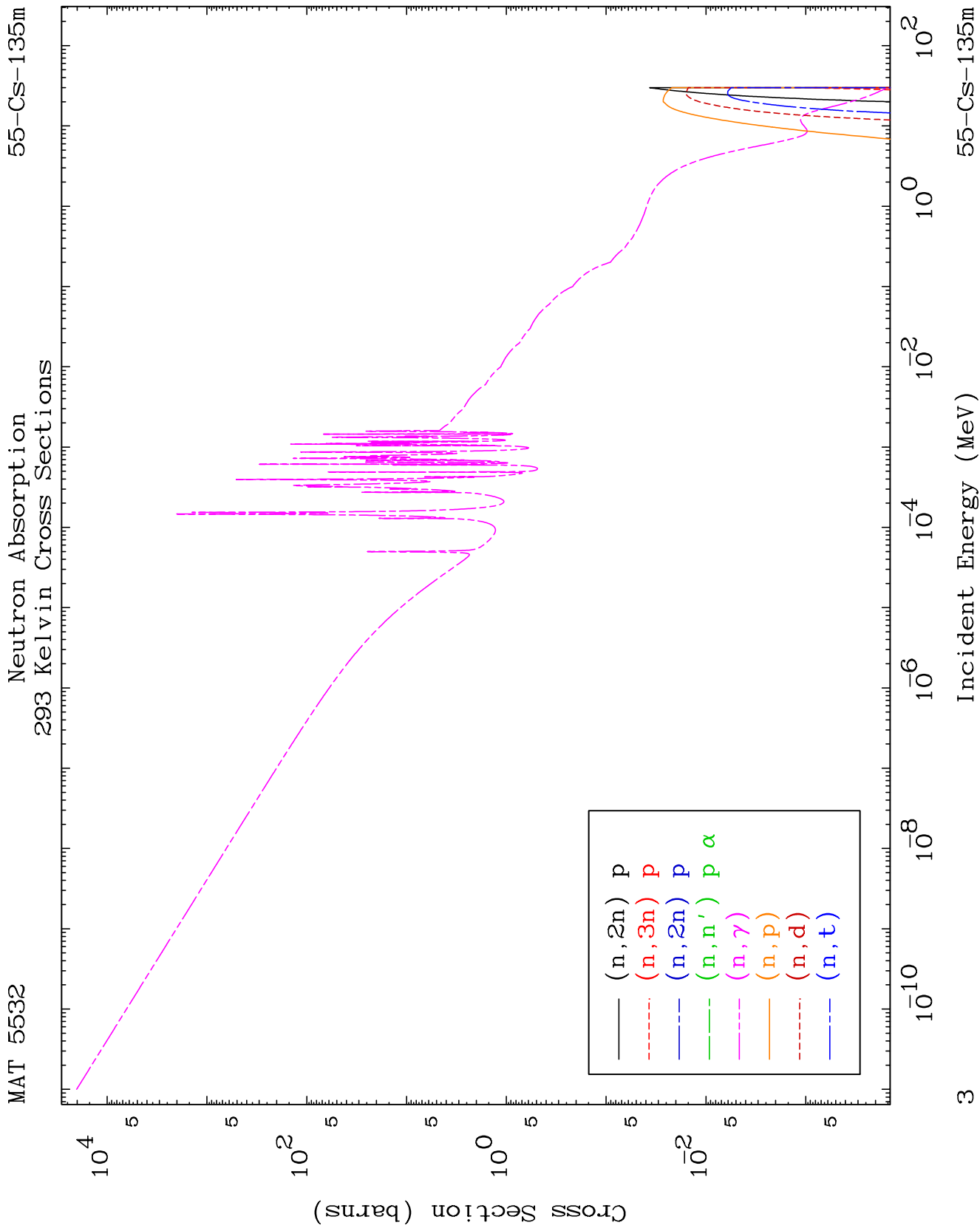
Neutron Absorption
293 Kelvin Cross Sections

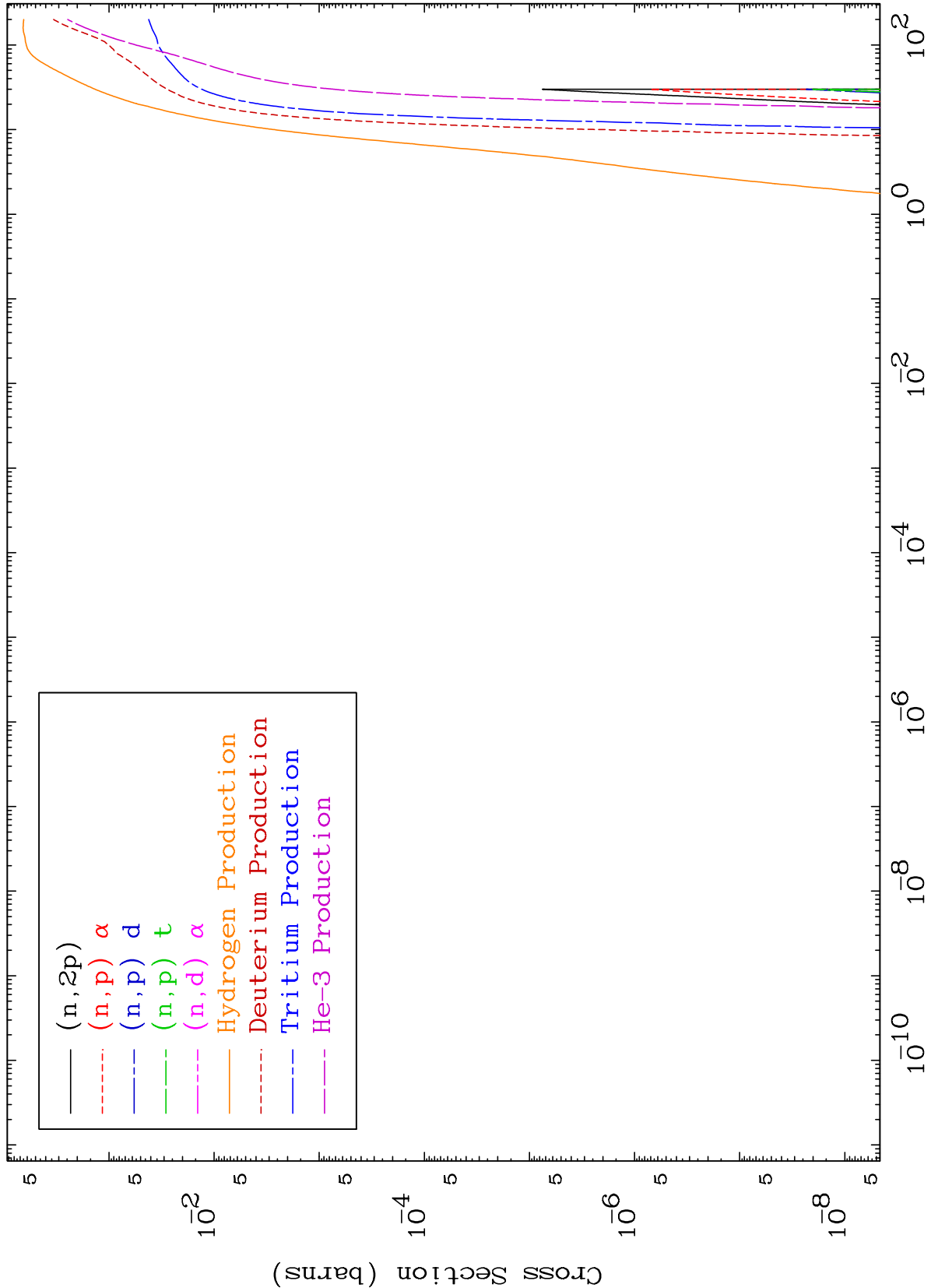
55-Cs-135m



Incident Energy (MeV)

55-Cs-135m

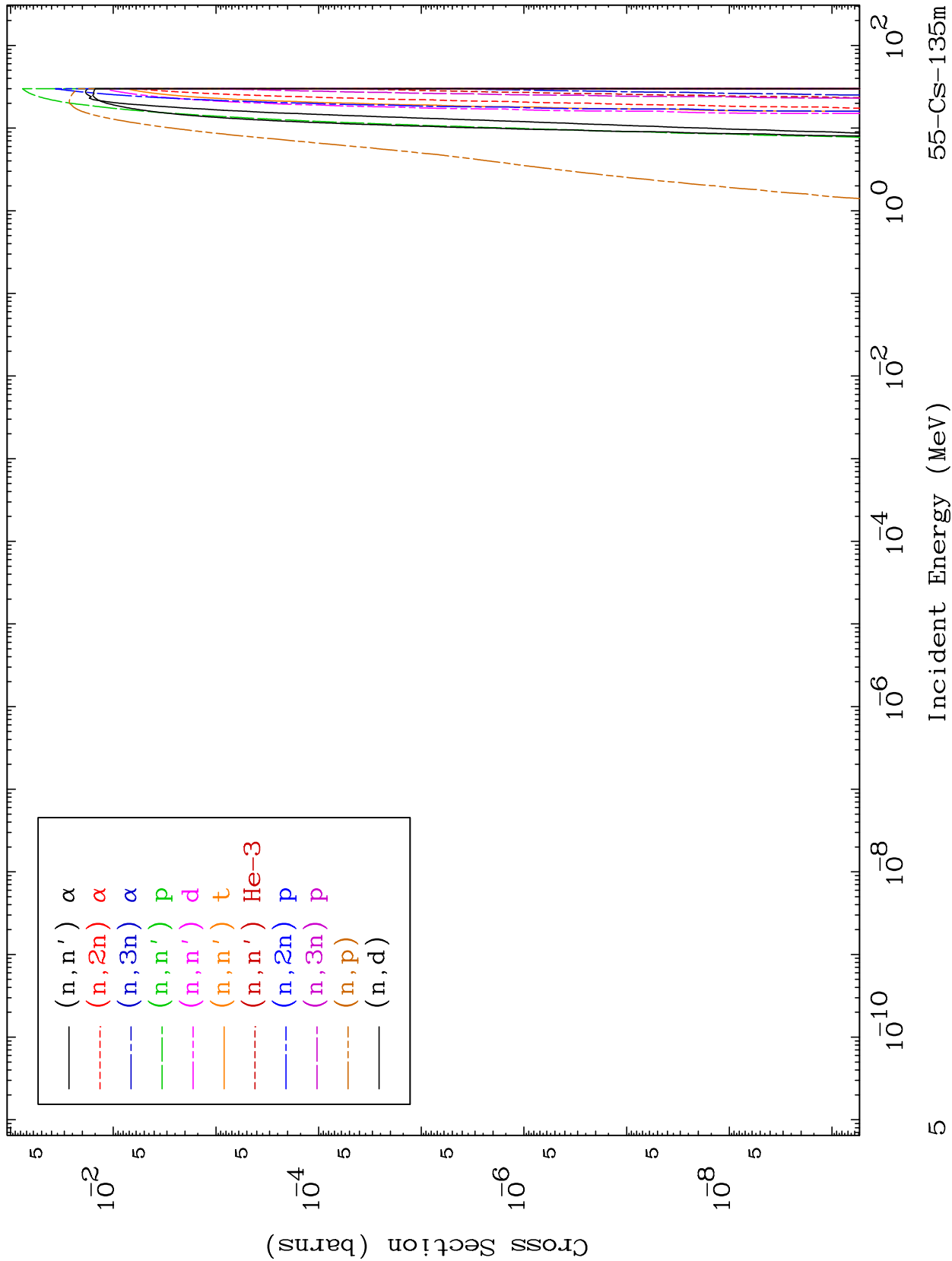




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Charged Particle
293 Kelvin Cross Sections

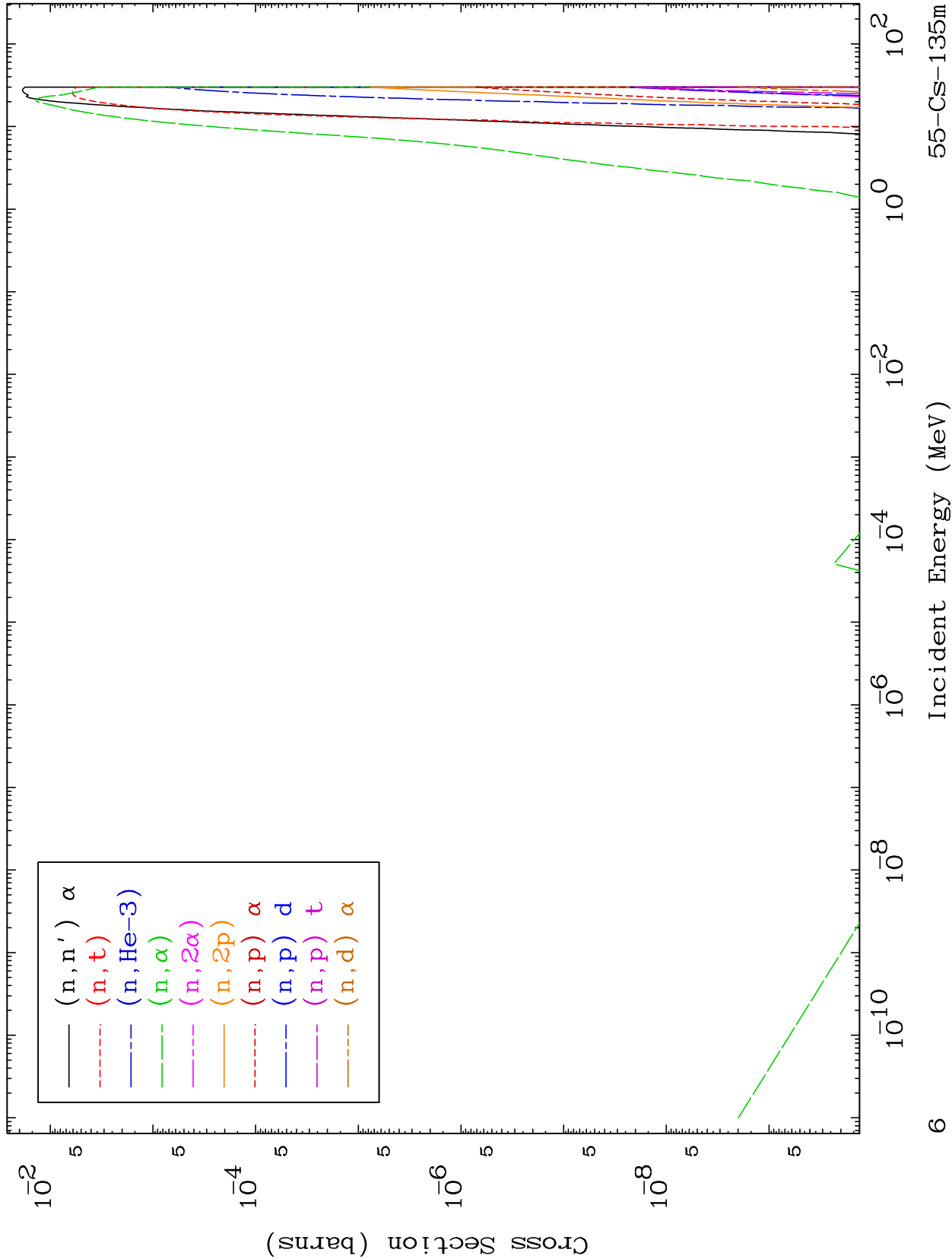
55-Cs-135m



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Charged Particle
293 Kelvin Cross Sections

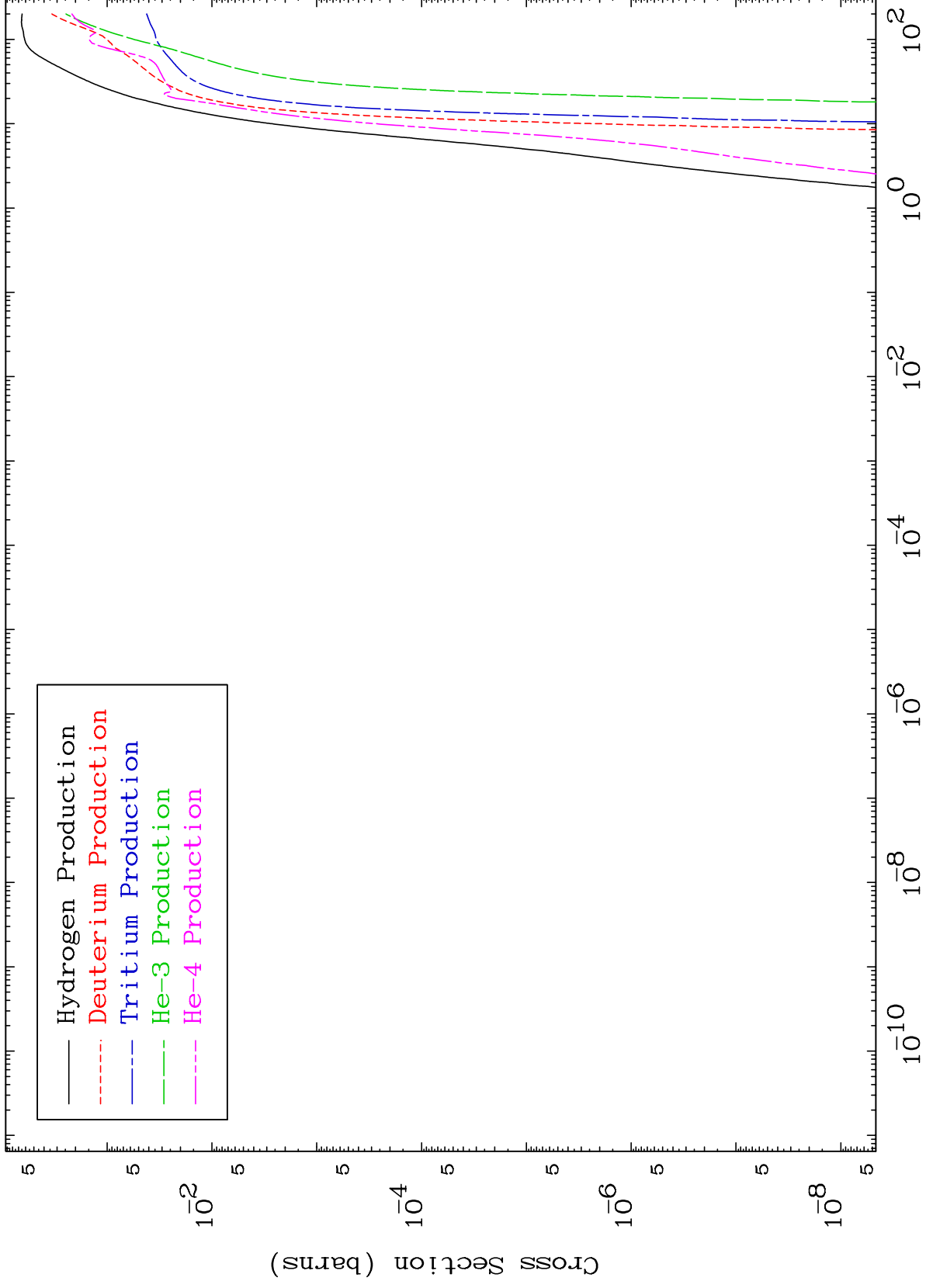
55-Cs-135m



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Particle Production
293 Kelvin Cross Sections

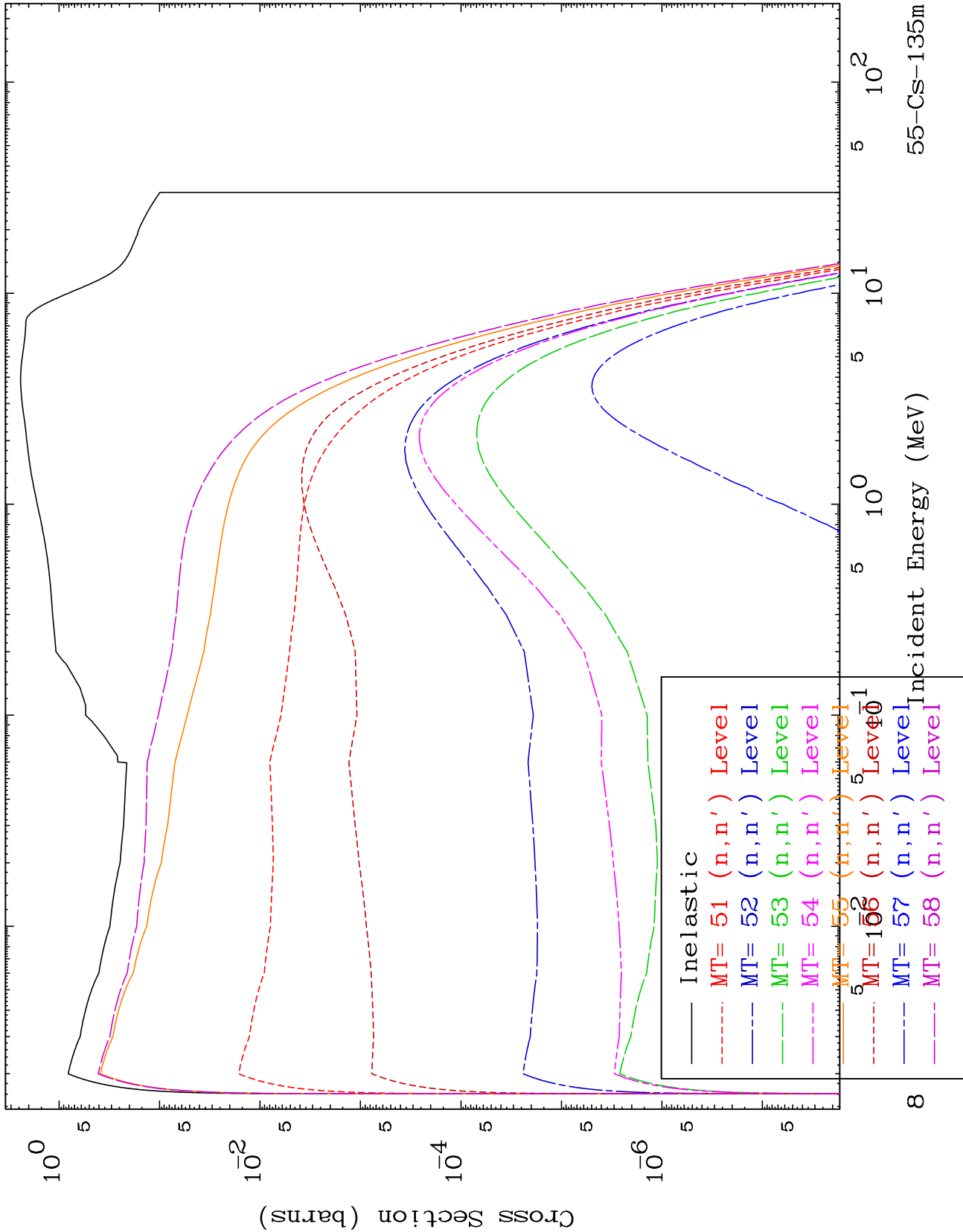
55-Cs-135m

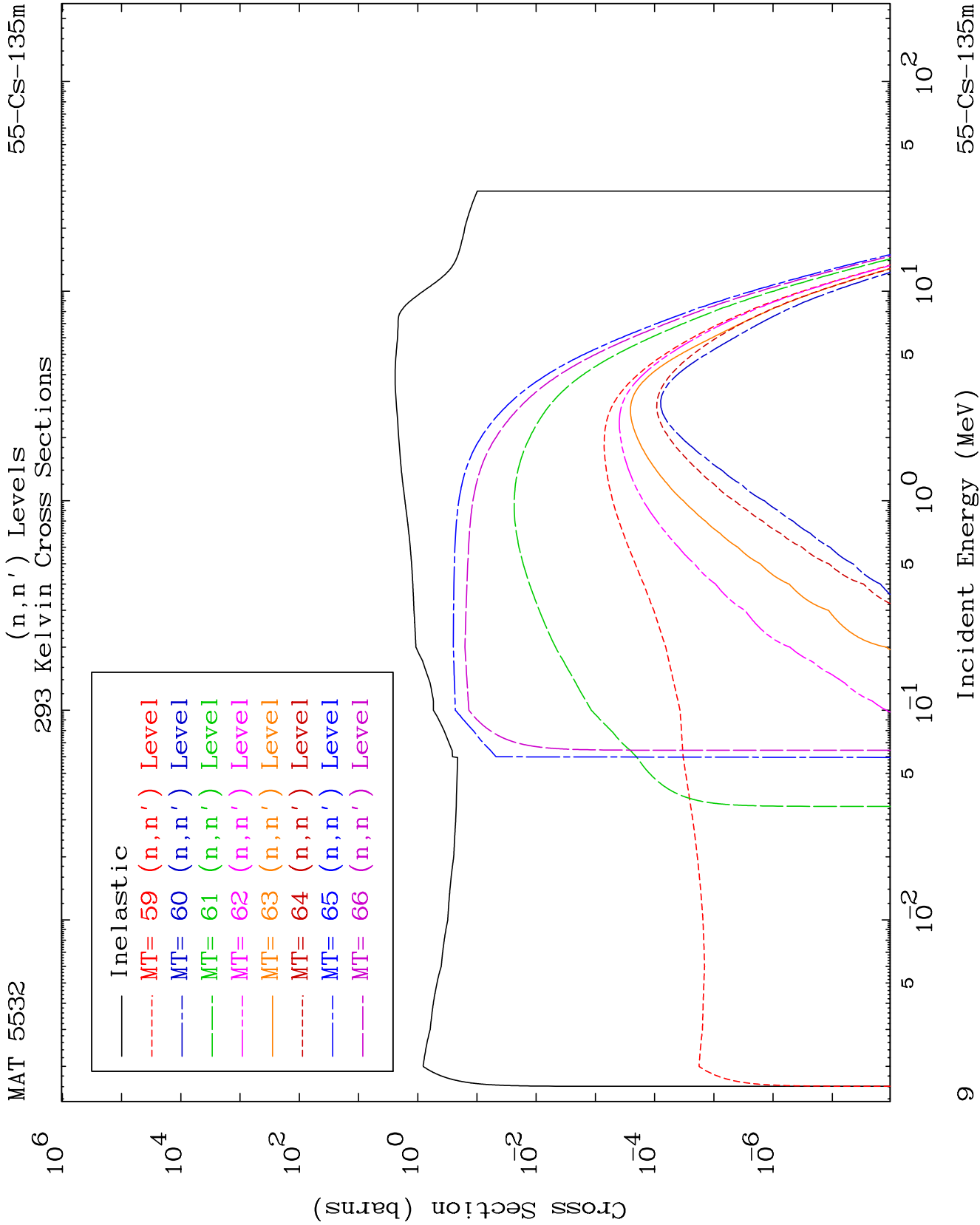


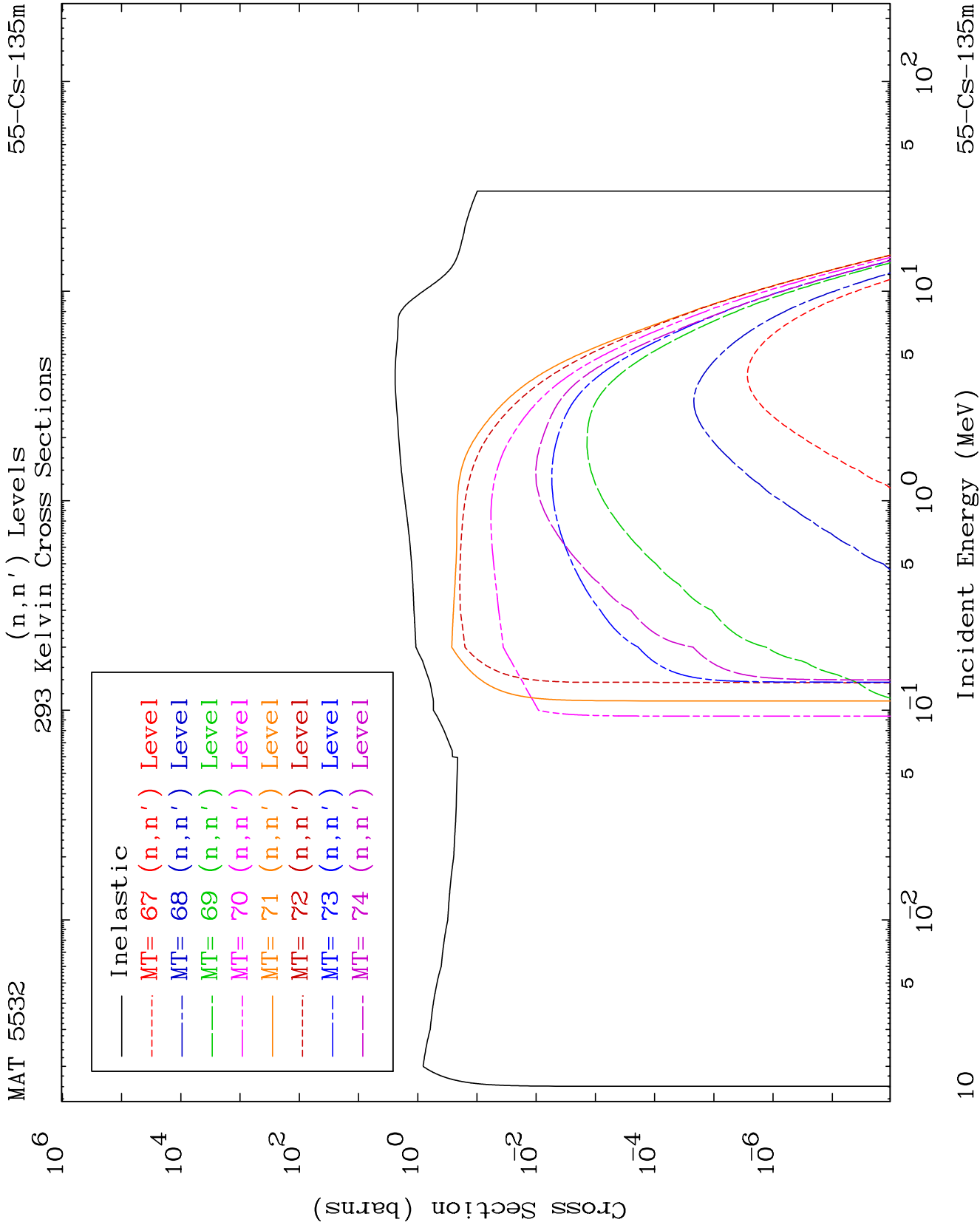
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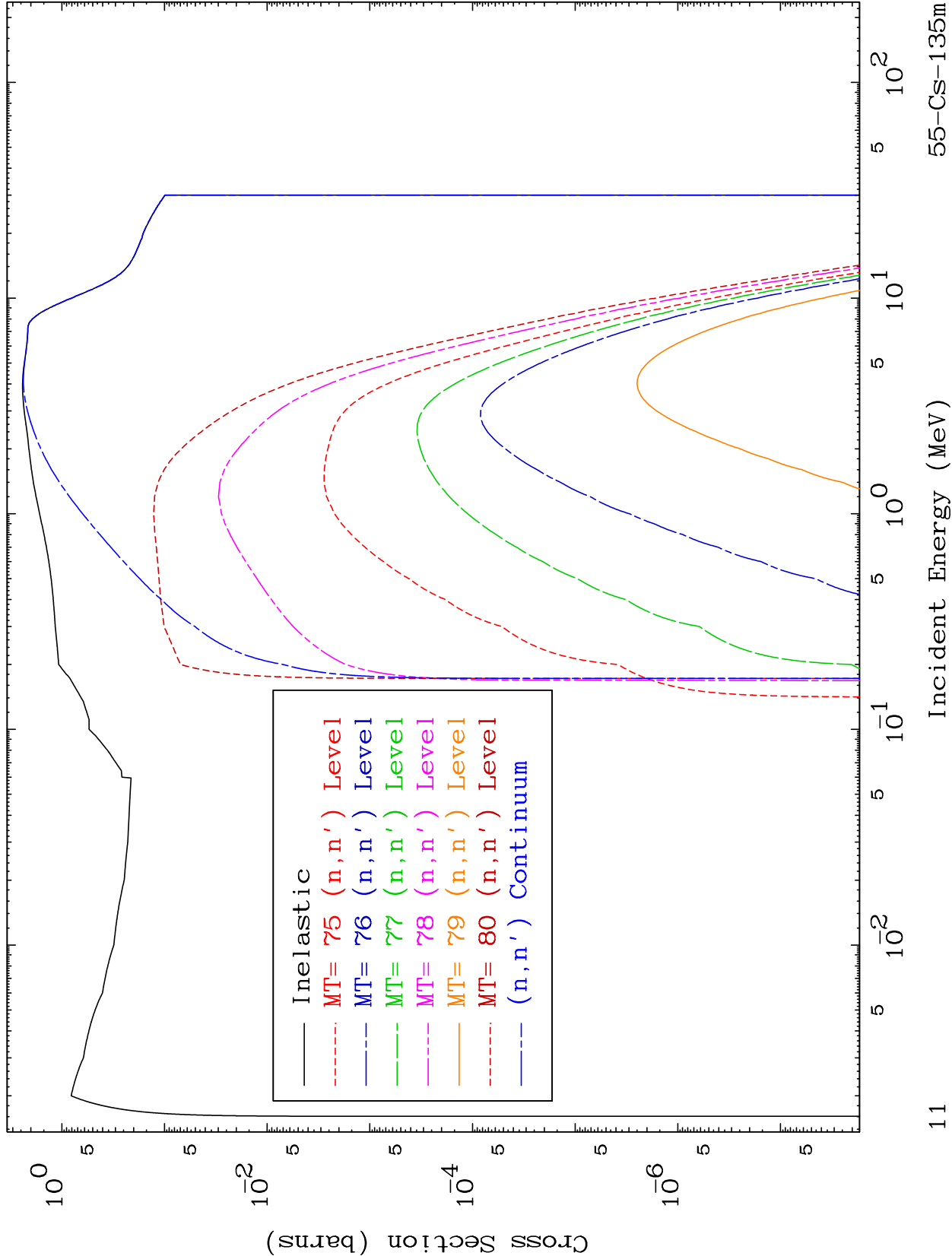
(n,n') Levels
293 Kelvin Cross Sections

55-Cs-135m





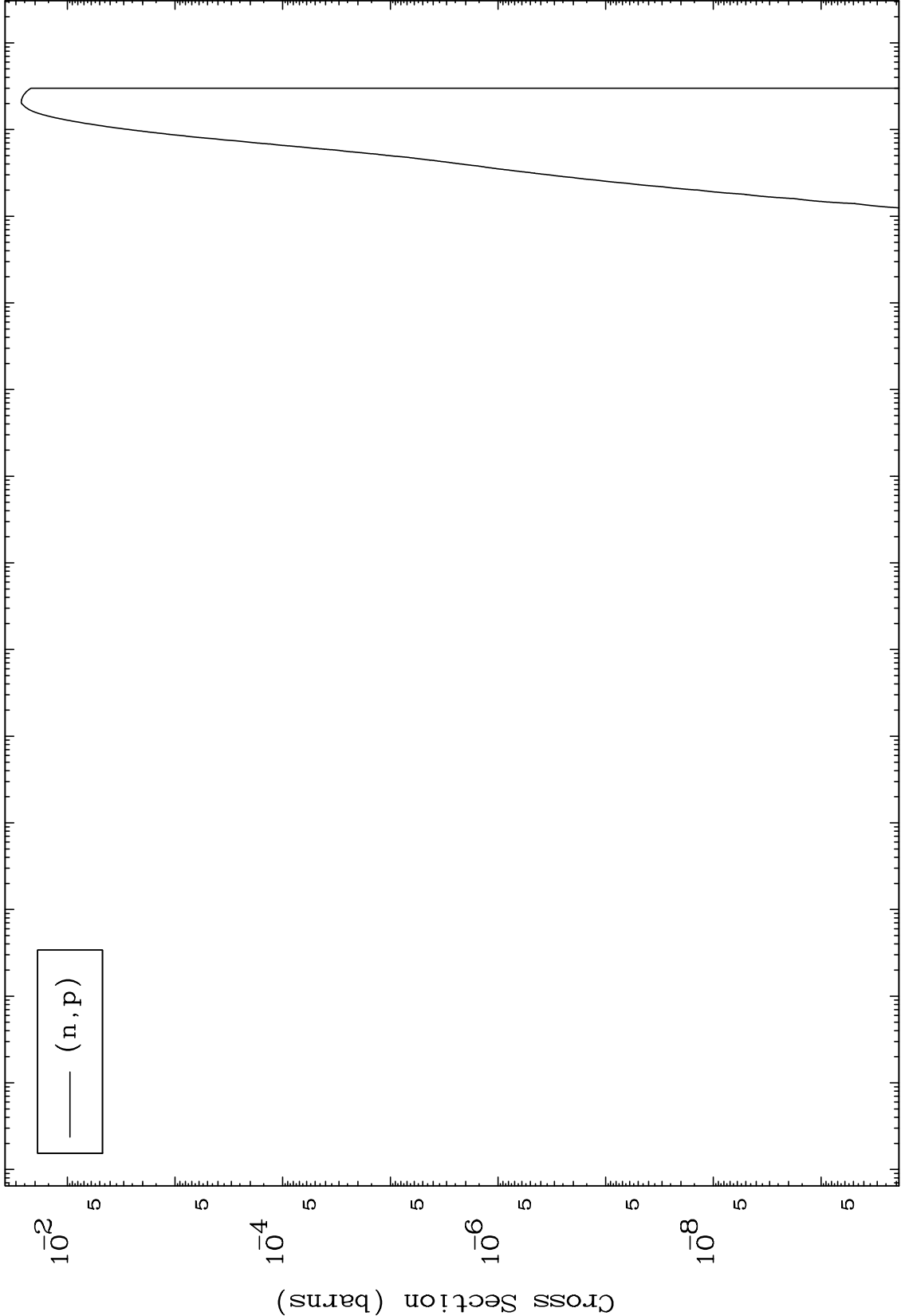




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(n,p) Levels
293 Kelvin Cross Sections

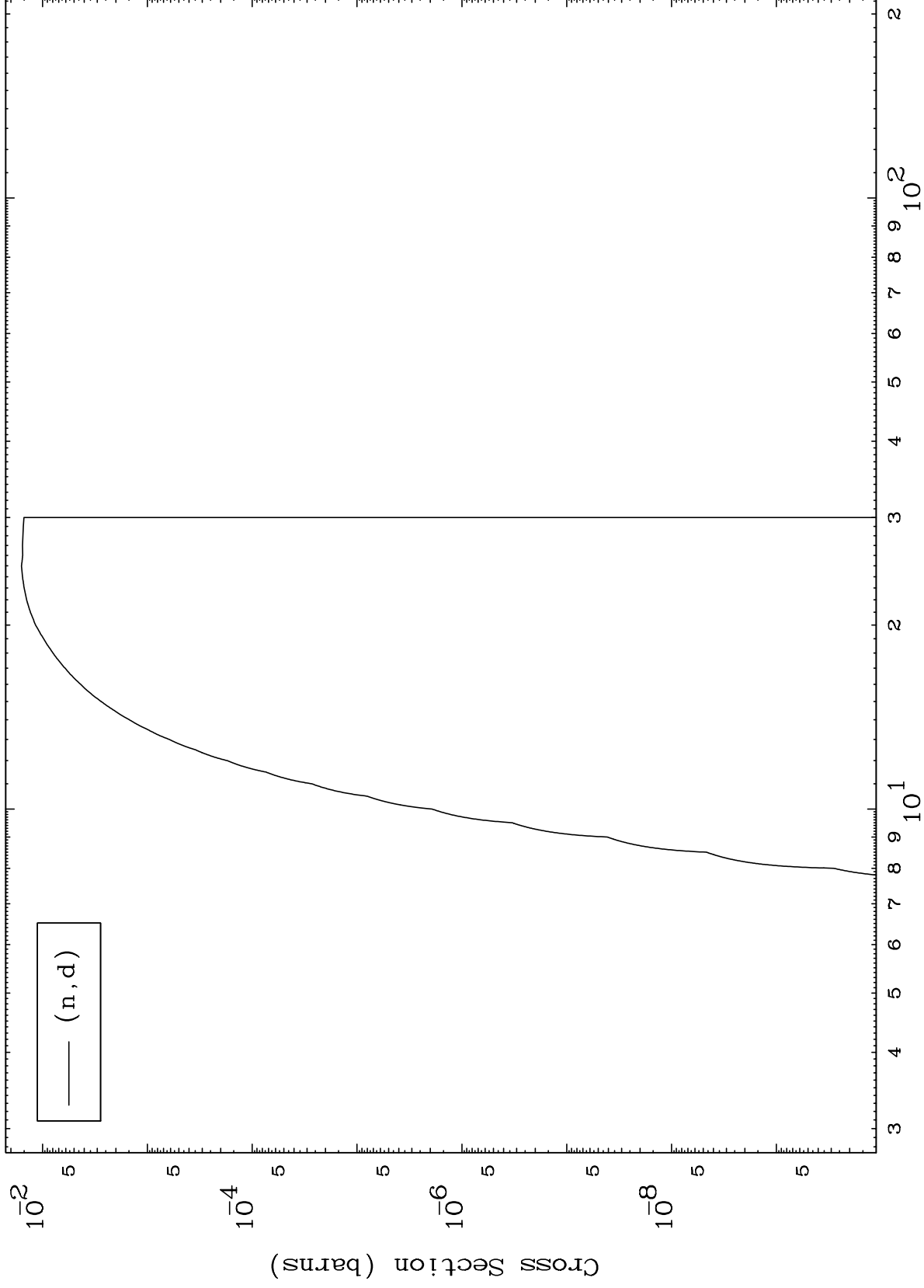
55-Cs-135m



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55-Cs-135m

(n,d) Levels
293 Kelvin Cross Sections



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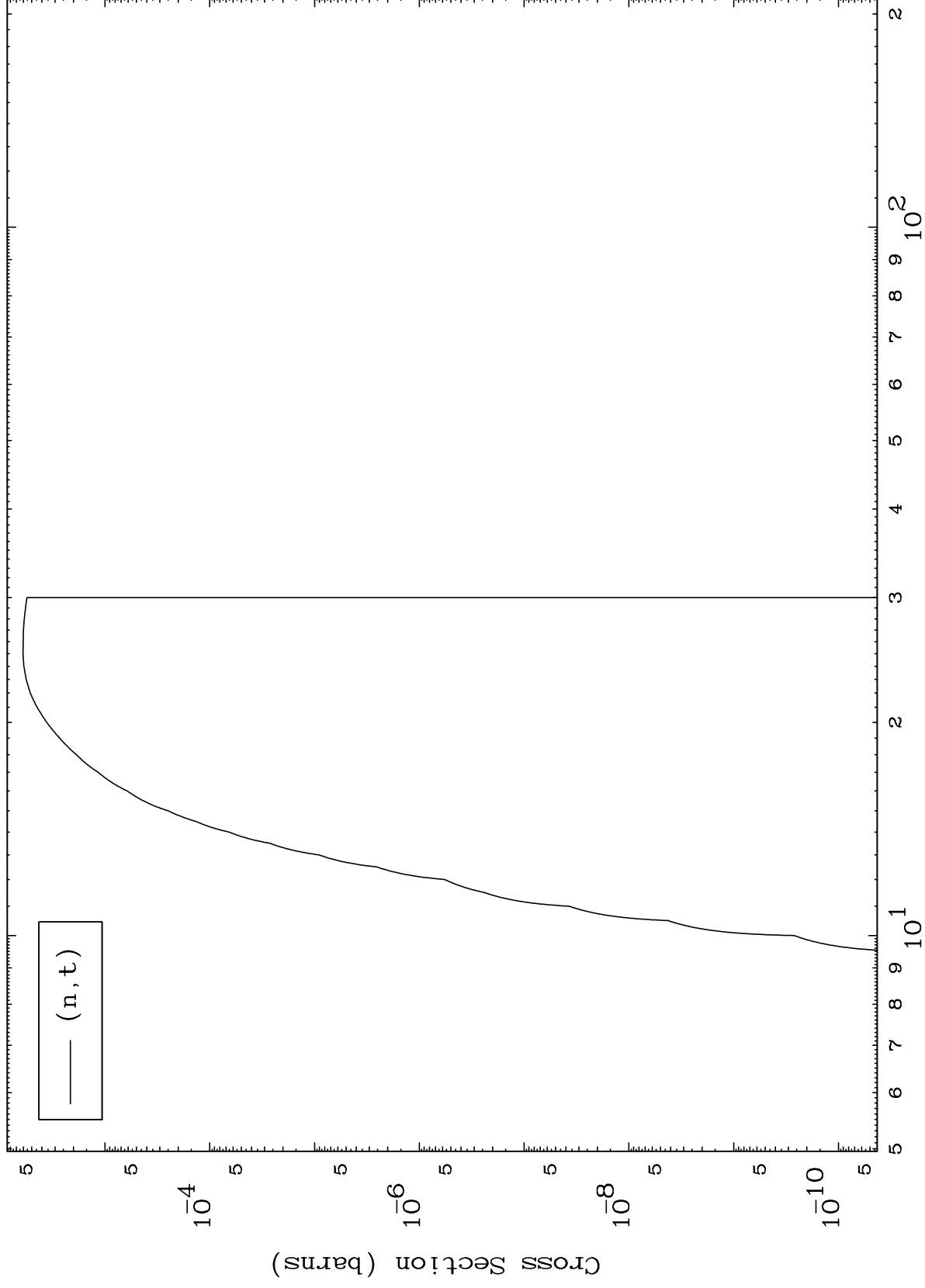
Incident Energy (MeV)

55-Cs-135m

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(n,t) Levels
293 Kelvin Cross Sections

55-Cs-135m



14

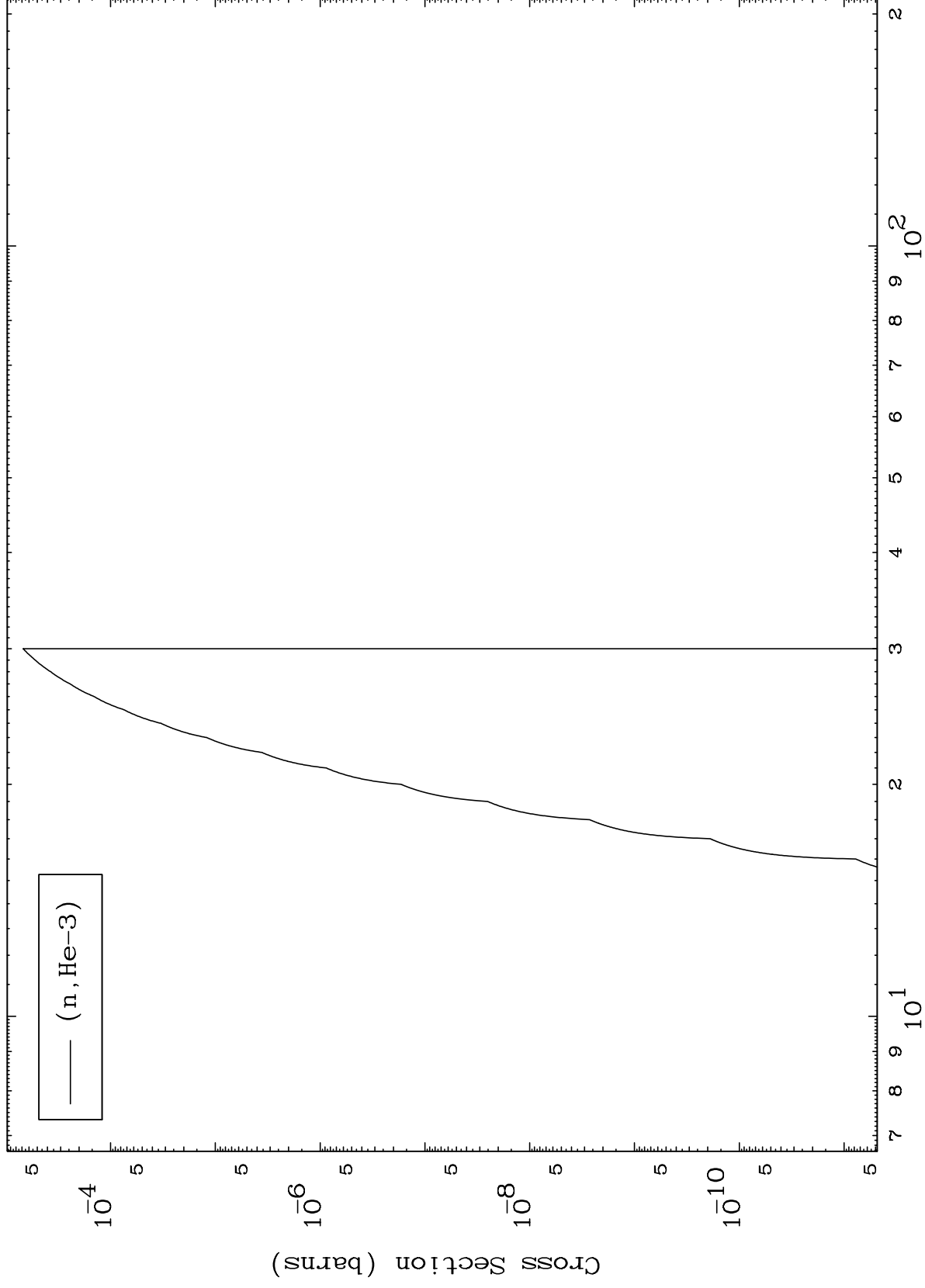
Incident Energy (MeV)

55-Cs-135m

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(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-135m



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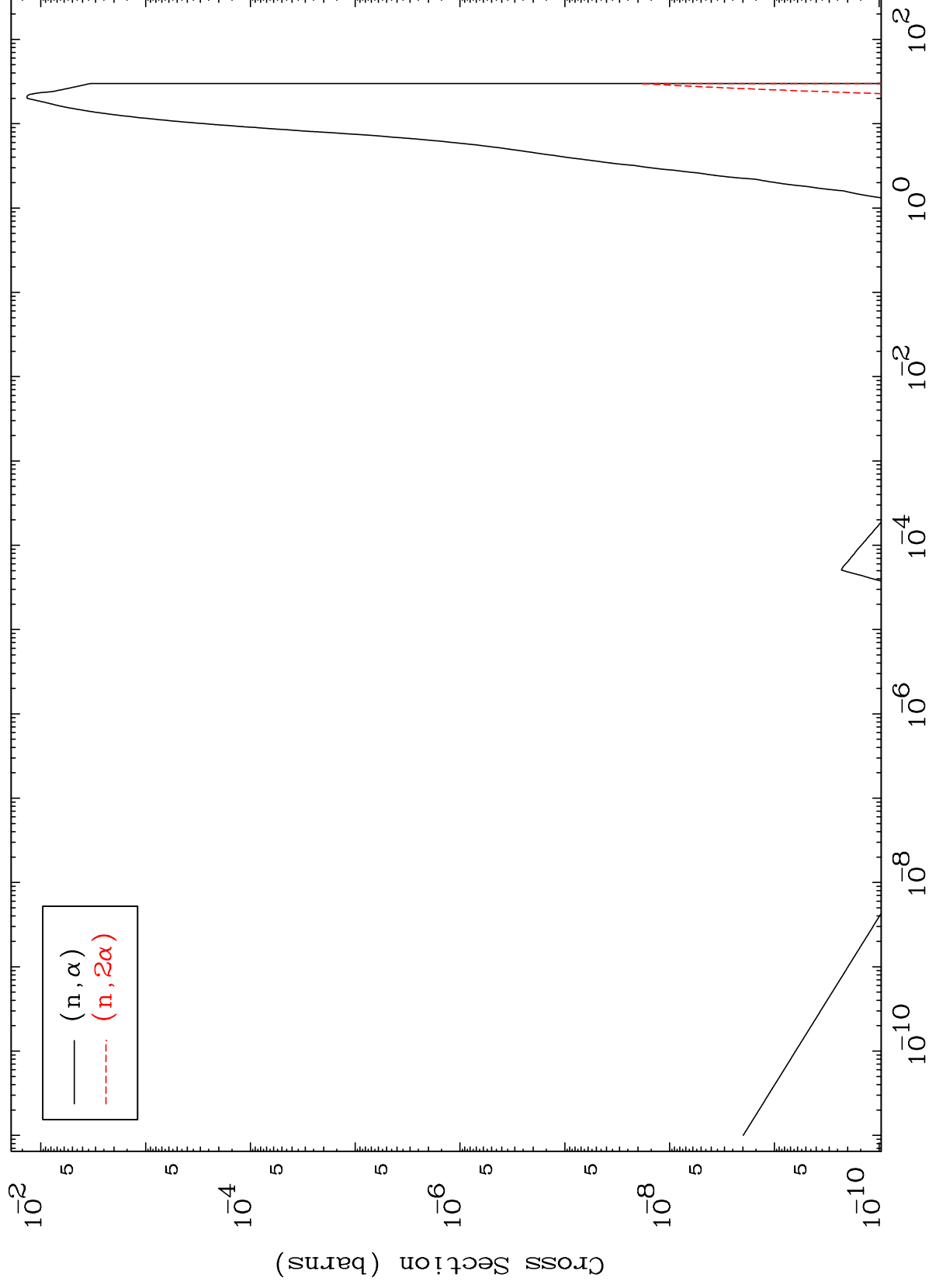
Incident Energy (MeV)

55-Cs-135m

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(n,α) Levels
293 Kelvin Cross Sections

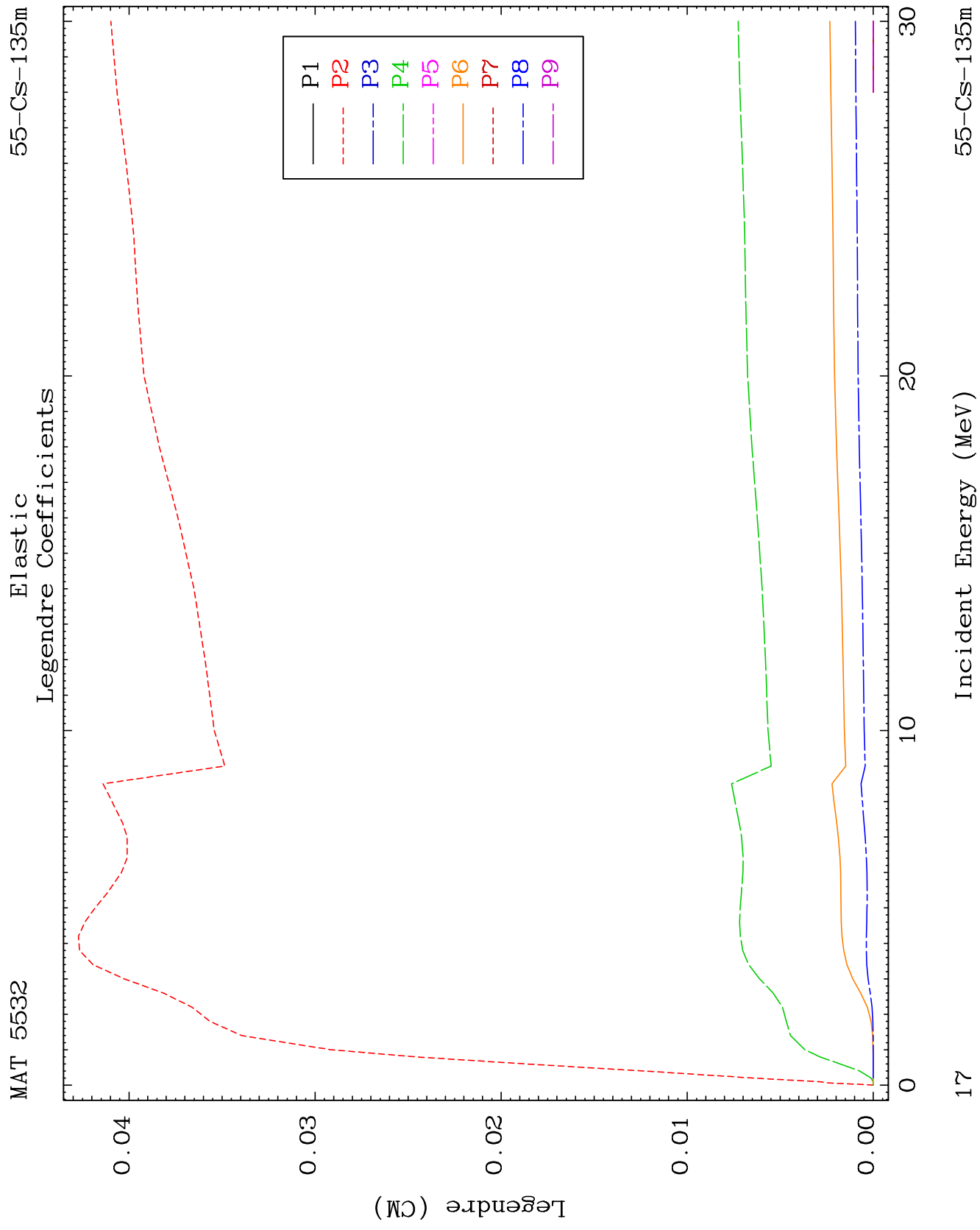
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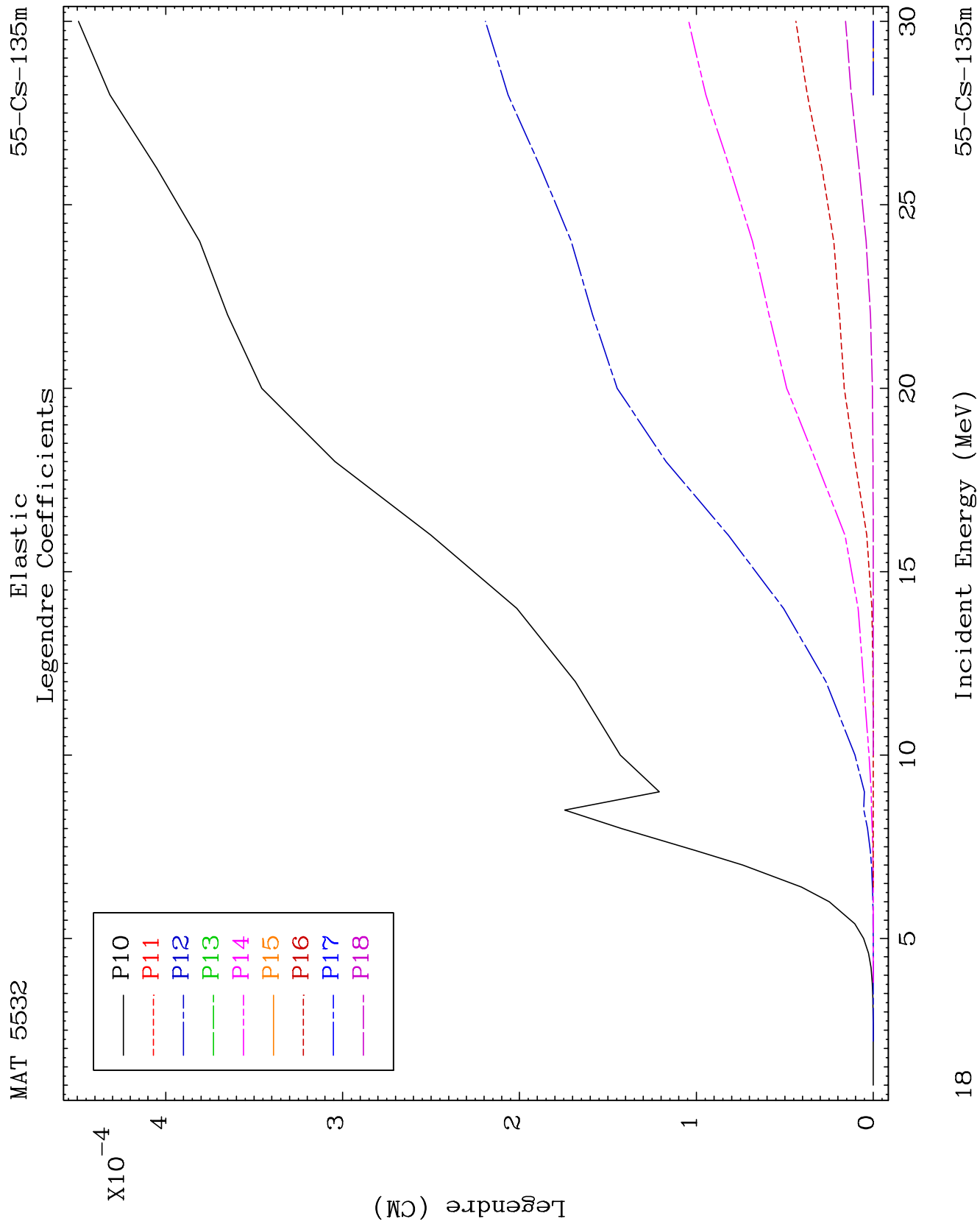


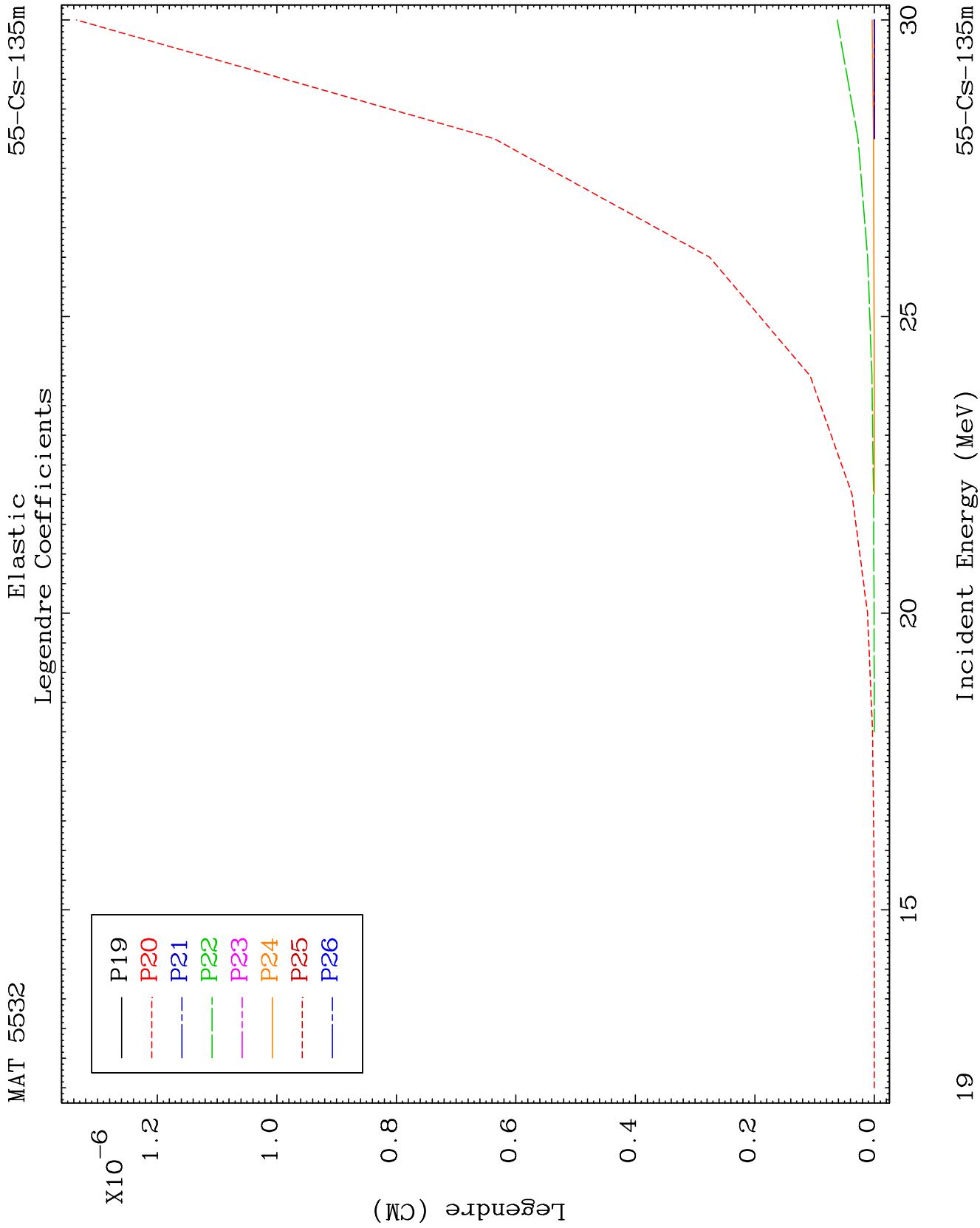
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Incident Energy (MeV)

55-Cs-135m



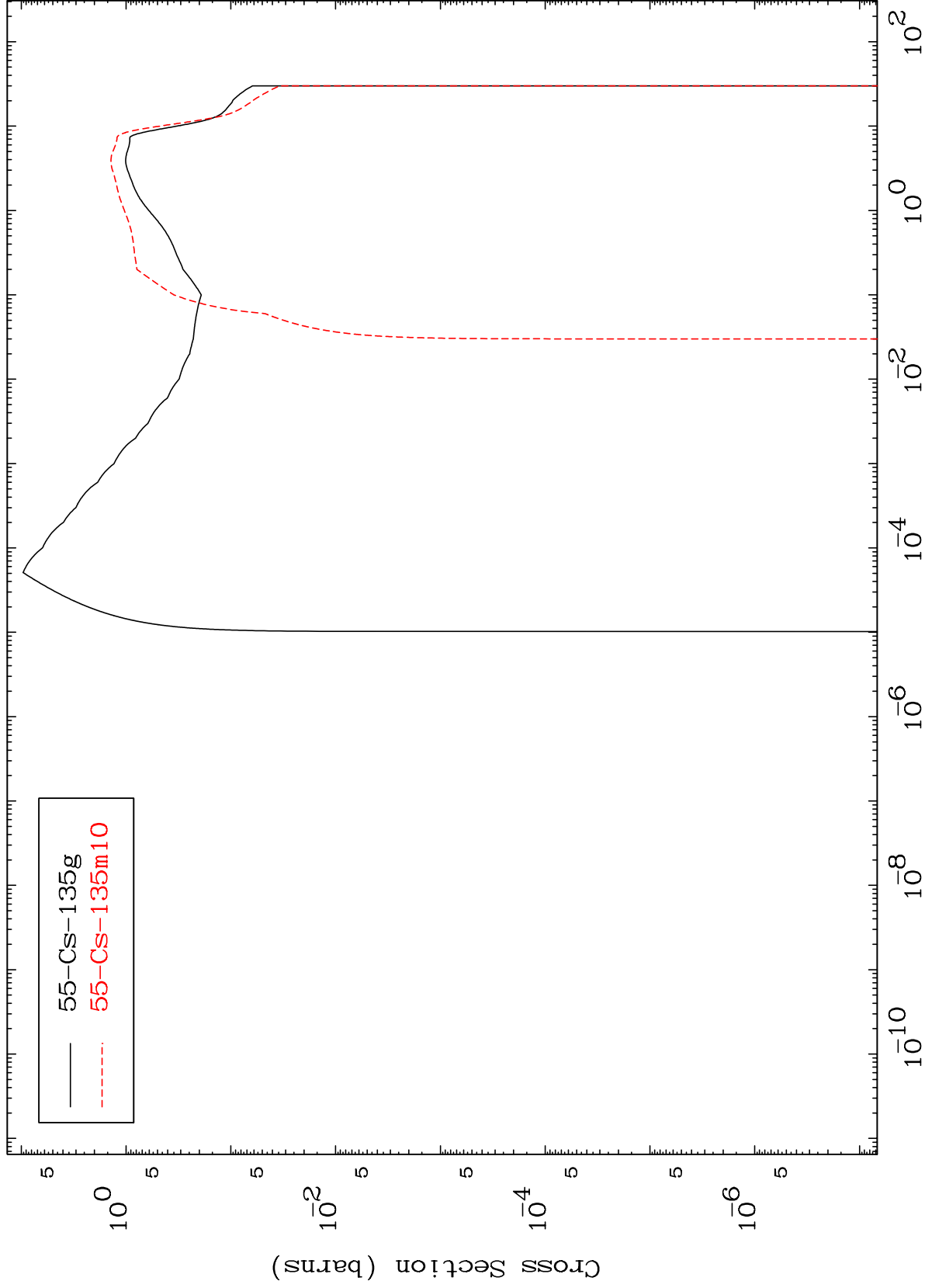




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55-Cs-135m

Inelastic
Radionuclide Production Cross Section



55-Cs-135m

Incident Energy (MeV)

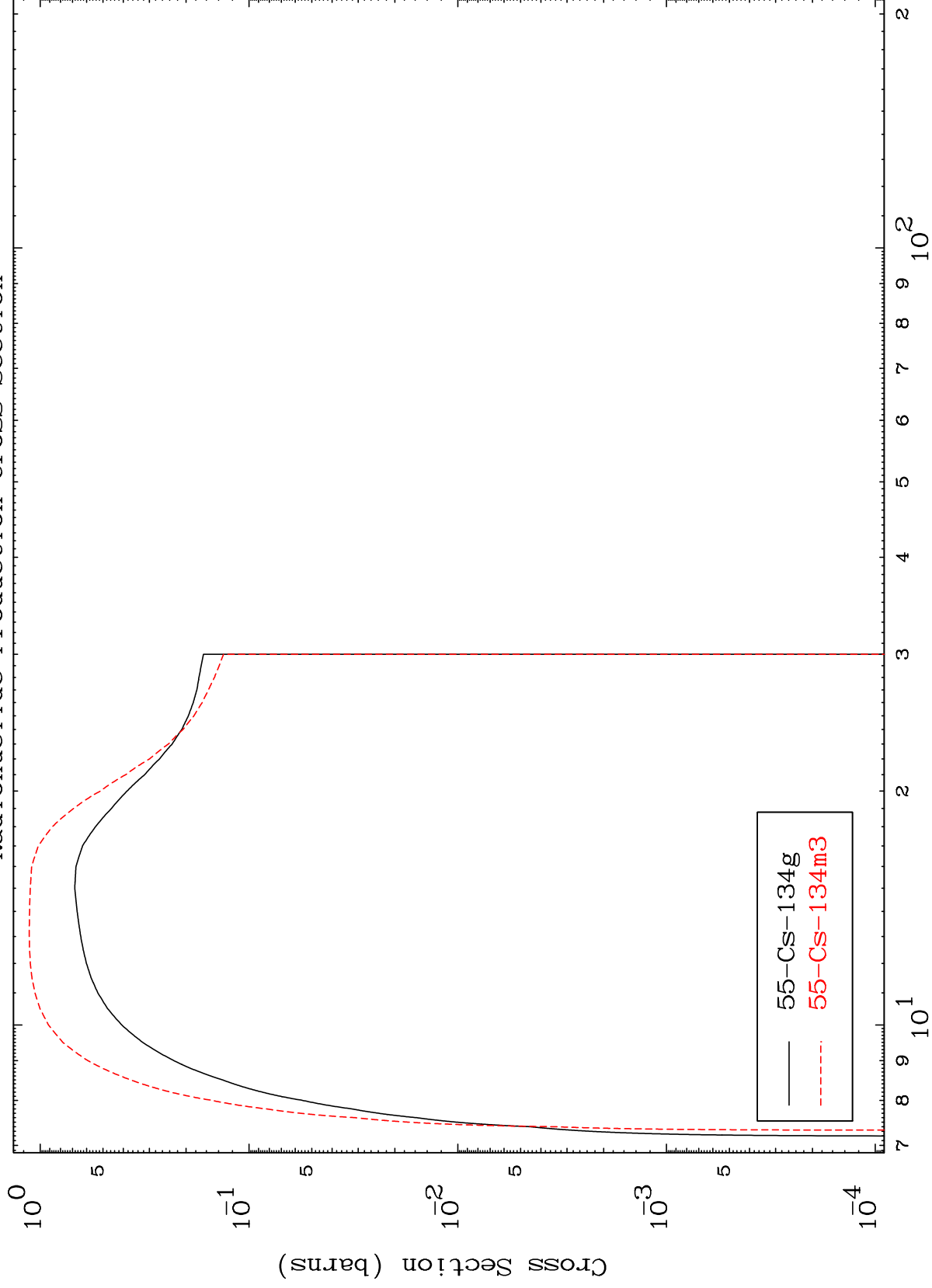
20

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(n,2n)

55-Cs-135m

Radionuclide Production Cross Section



Incident Energy (MeV)

55-Cs-135m

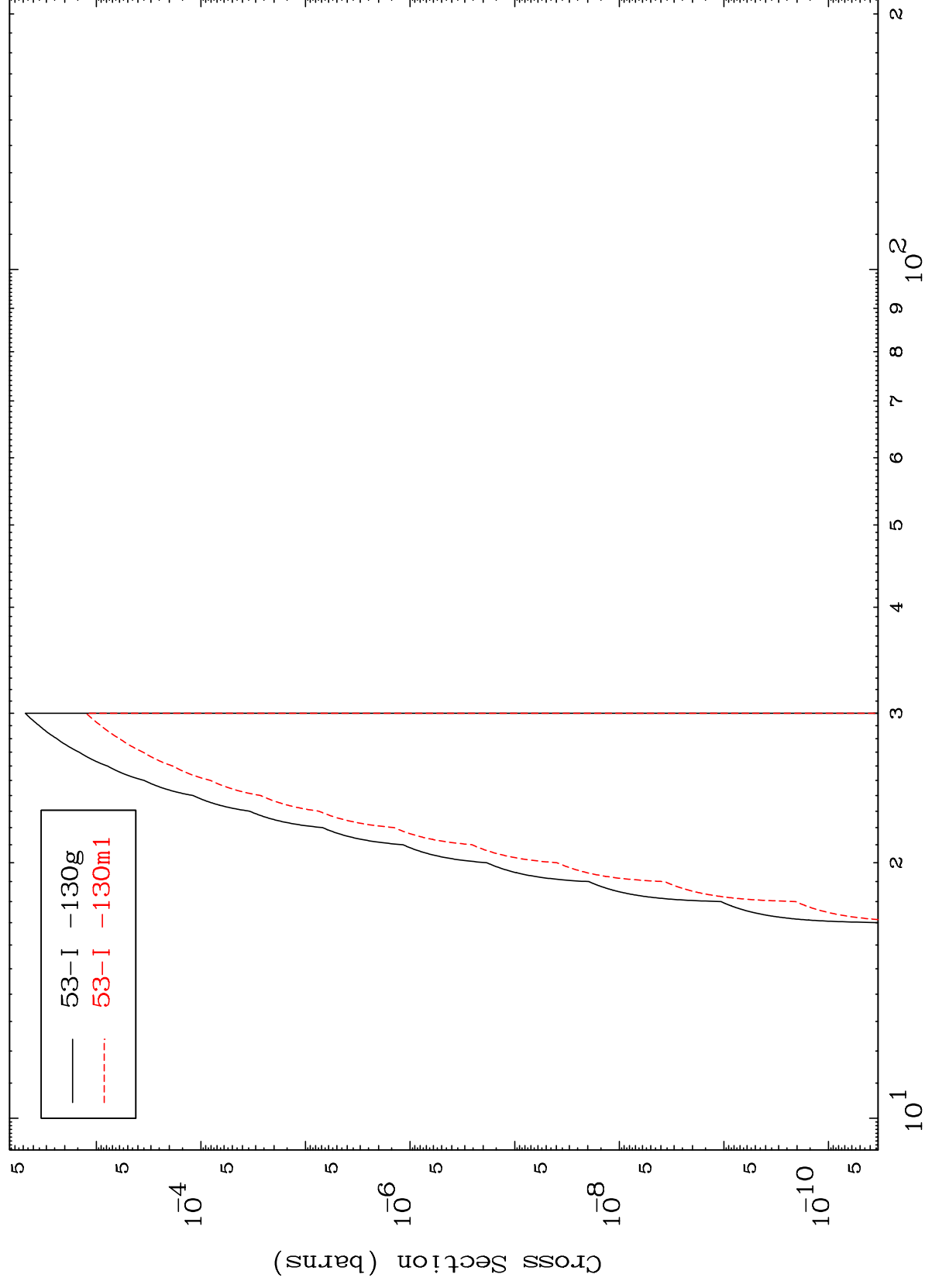
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55-CS-135m

$$(n, 2n) \propto$$

Radionuclide Production Cross Section



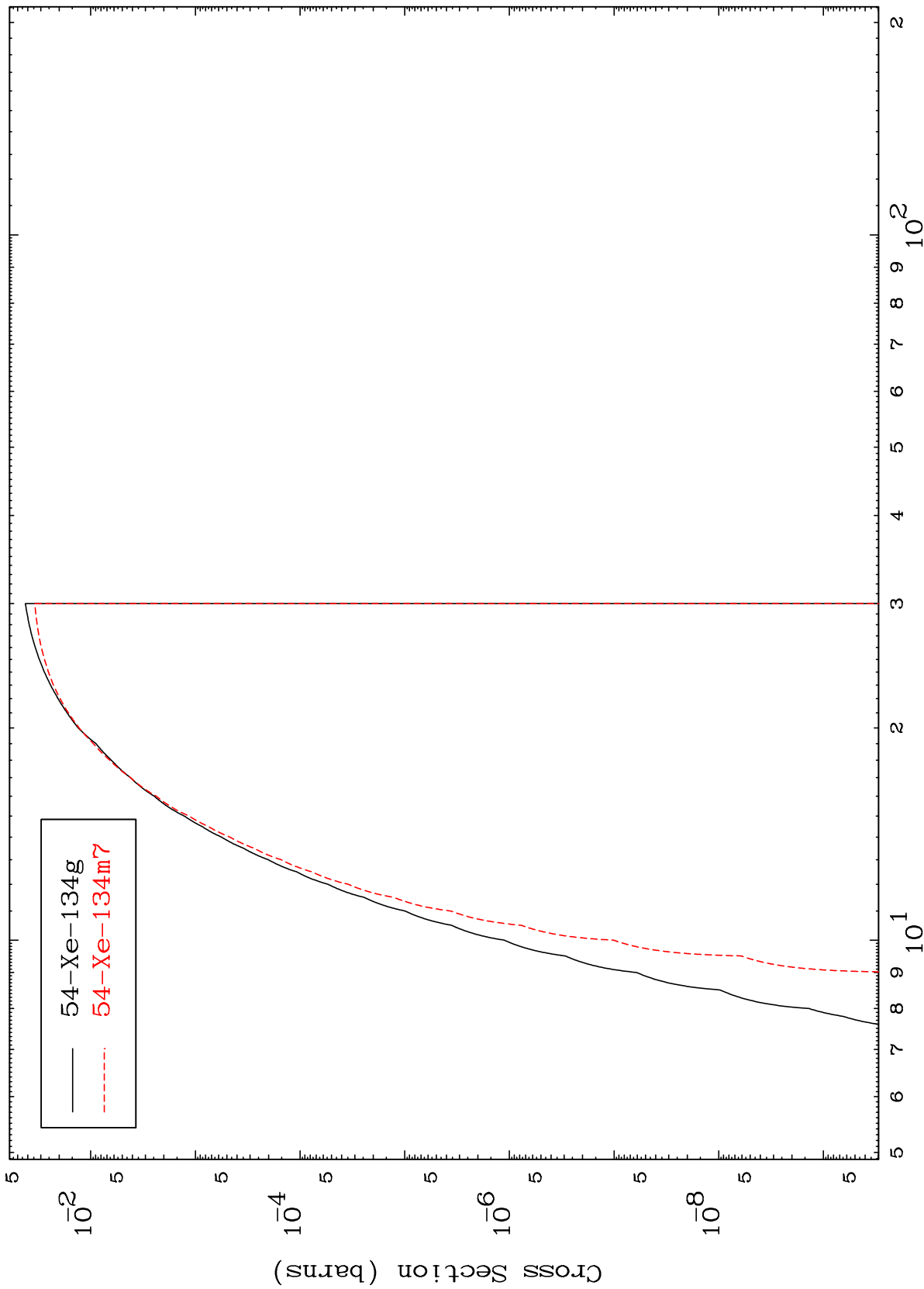
55-CS-135m

Incident Energy (MeV)

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55-Cs-135m

(n,n') p
Radionuclide Production Cross Section

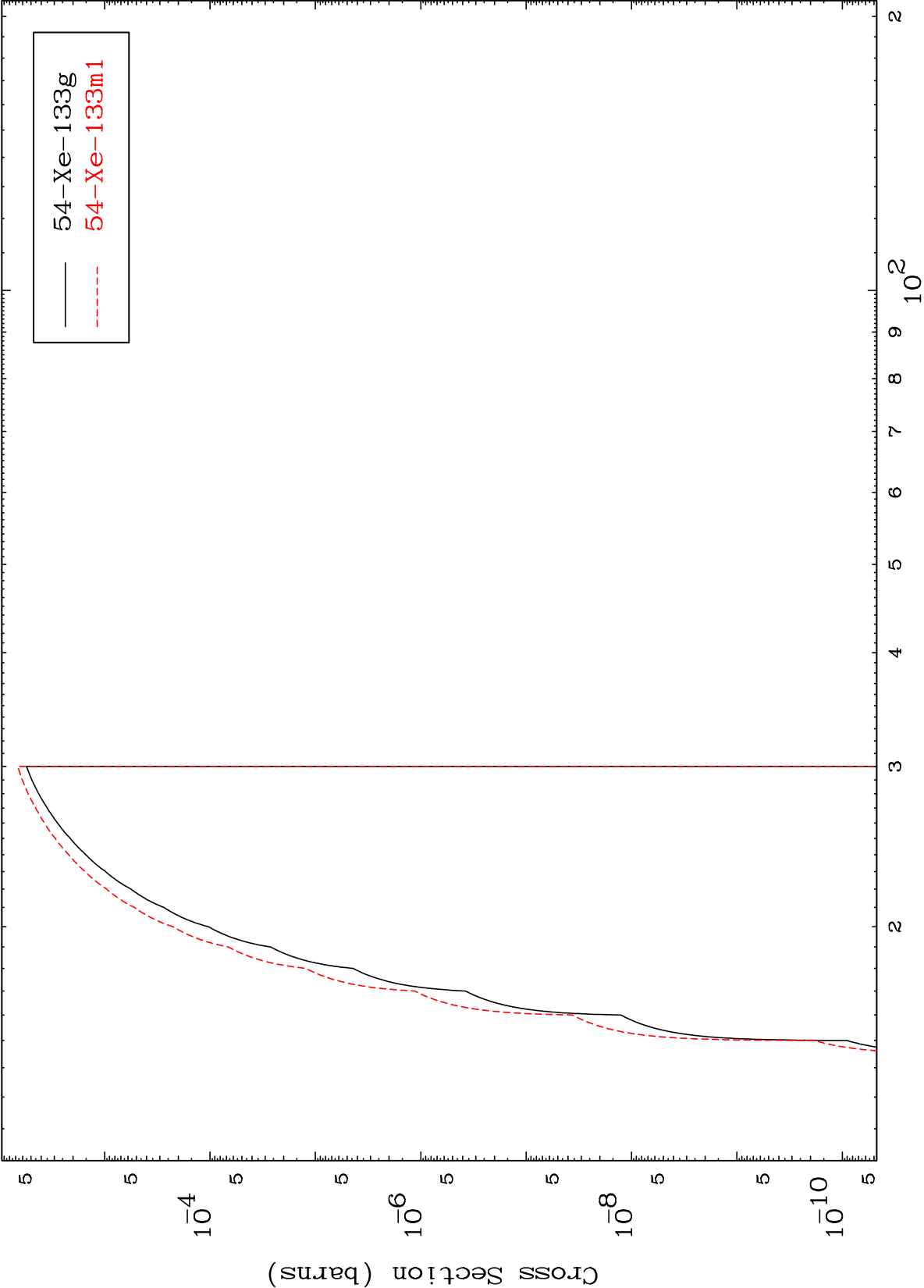


23

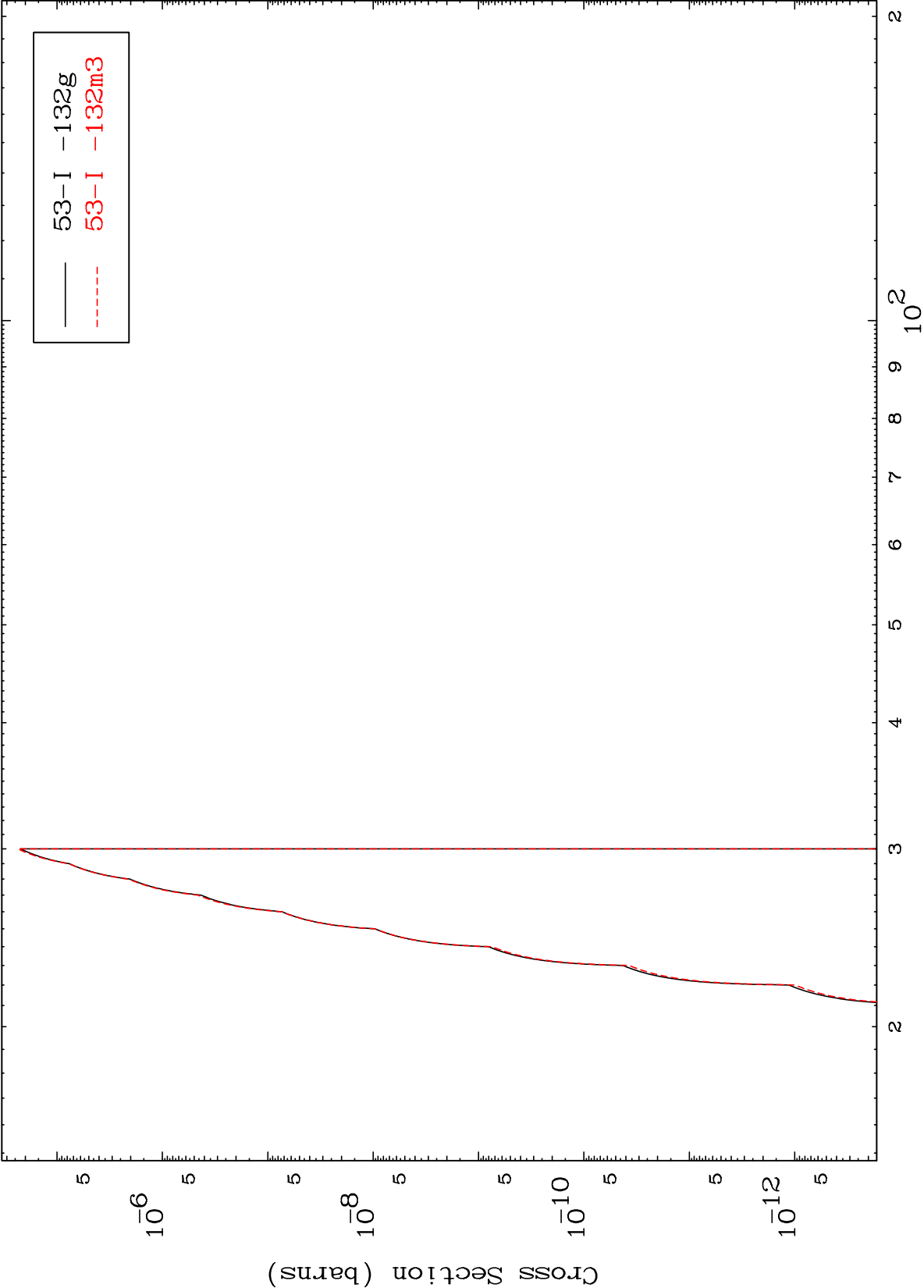
Incident Energy (MeV)

55-Cs-135m

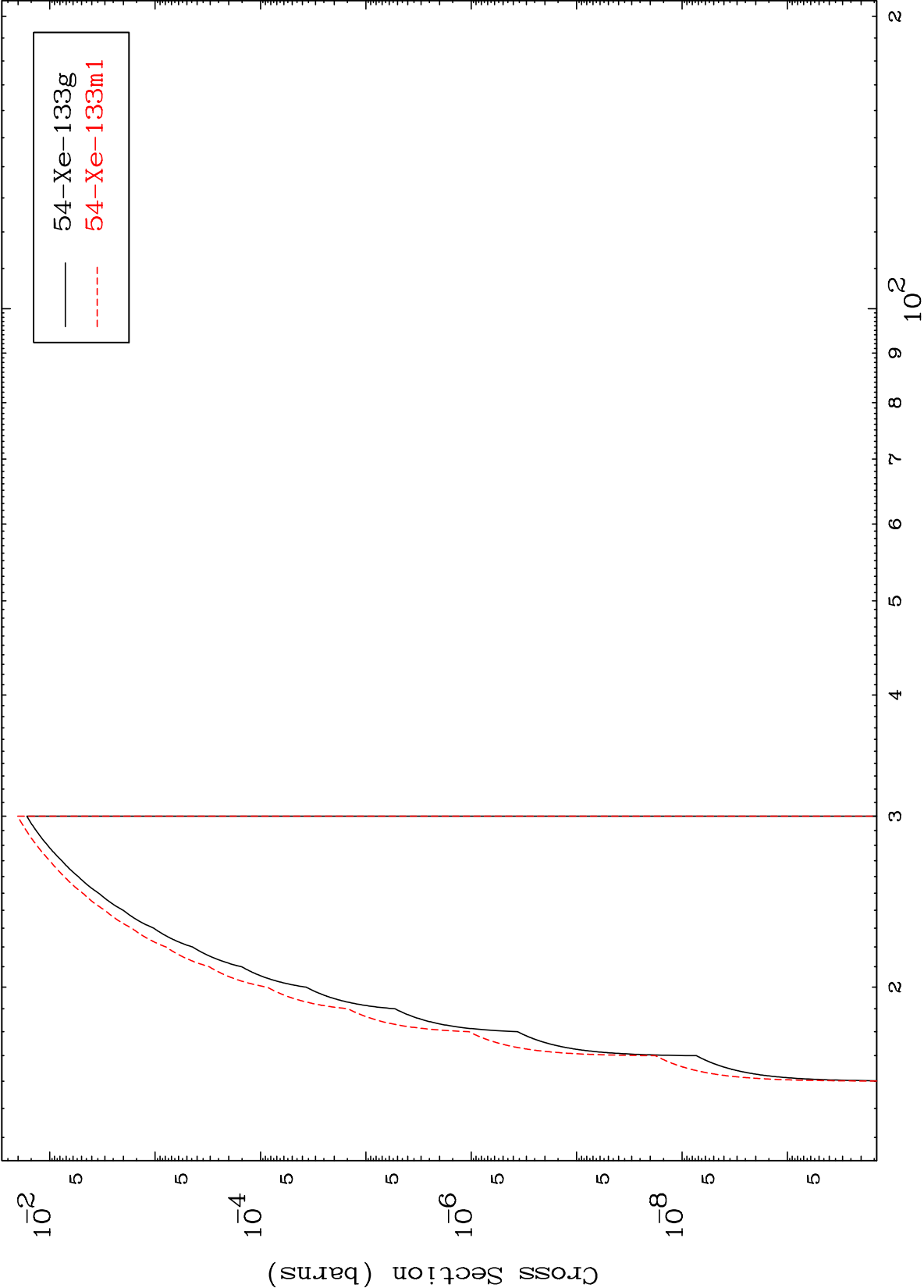
(n,n') d
Radionuclide Production Cross Section



Radionuclide Production Cross Section



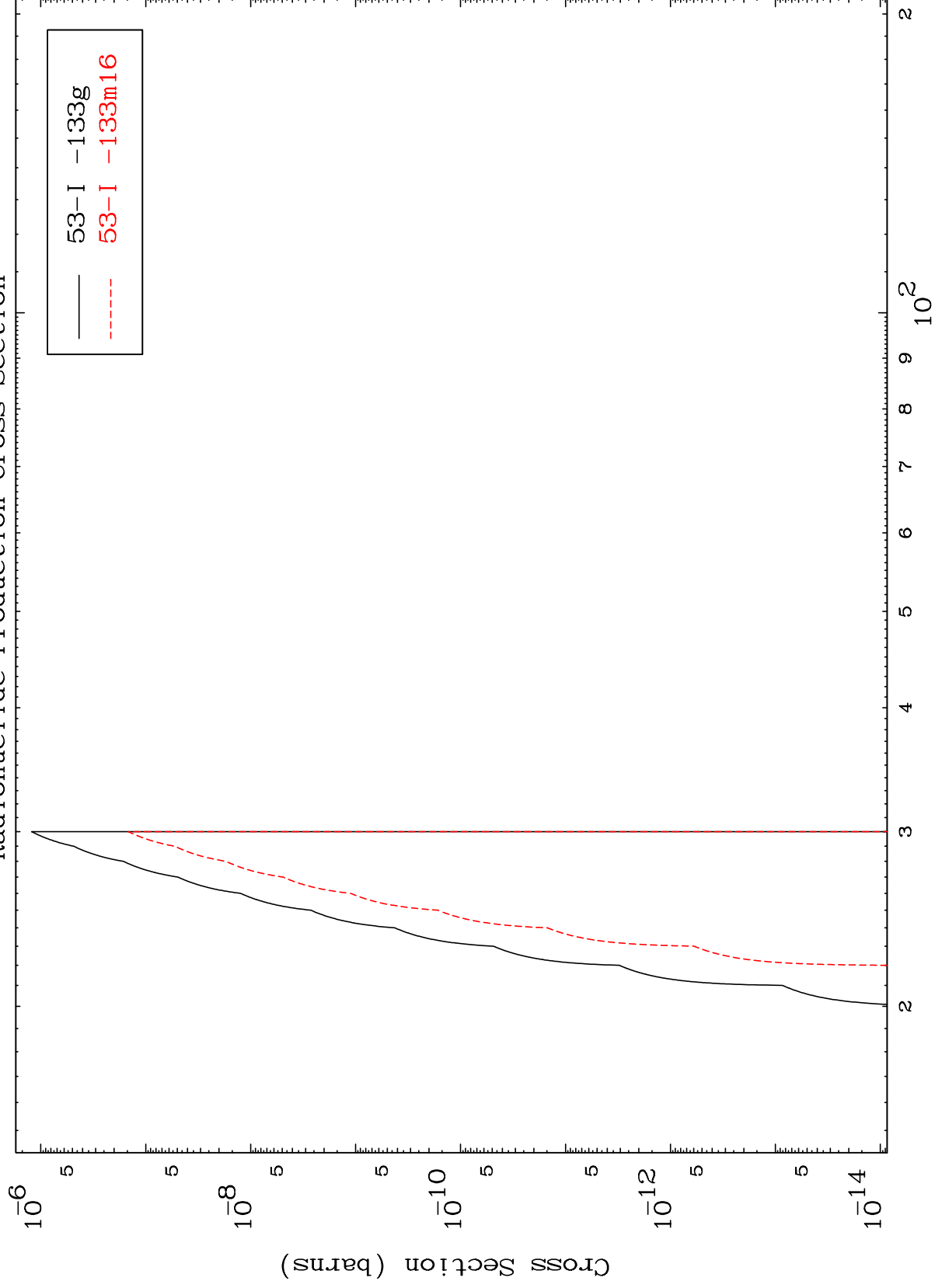
(n,2n) p
Radionuclide Production Cross Section



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55-Cs-135m

(n,2n) p
Radionuclide Production Cross Section



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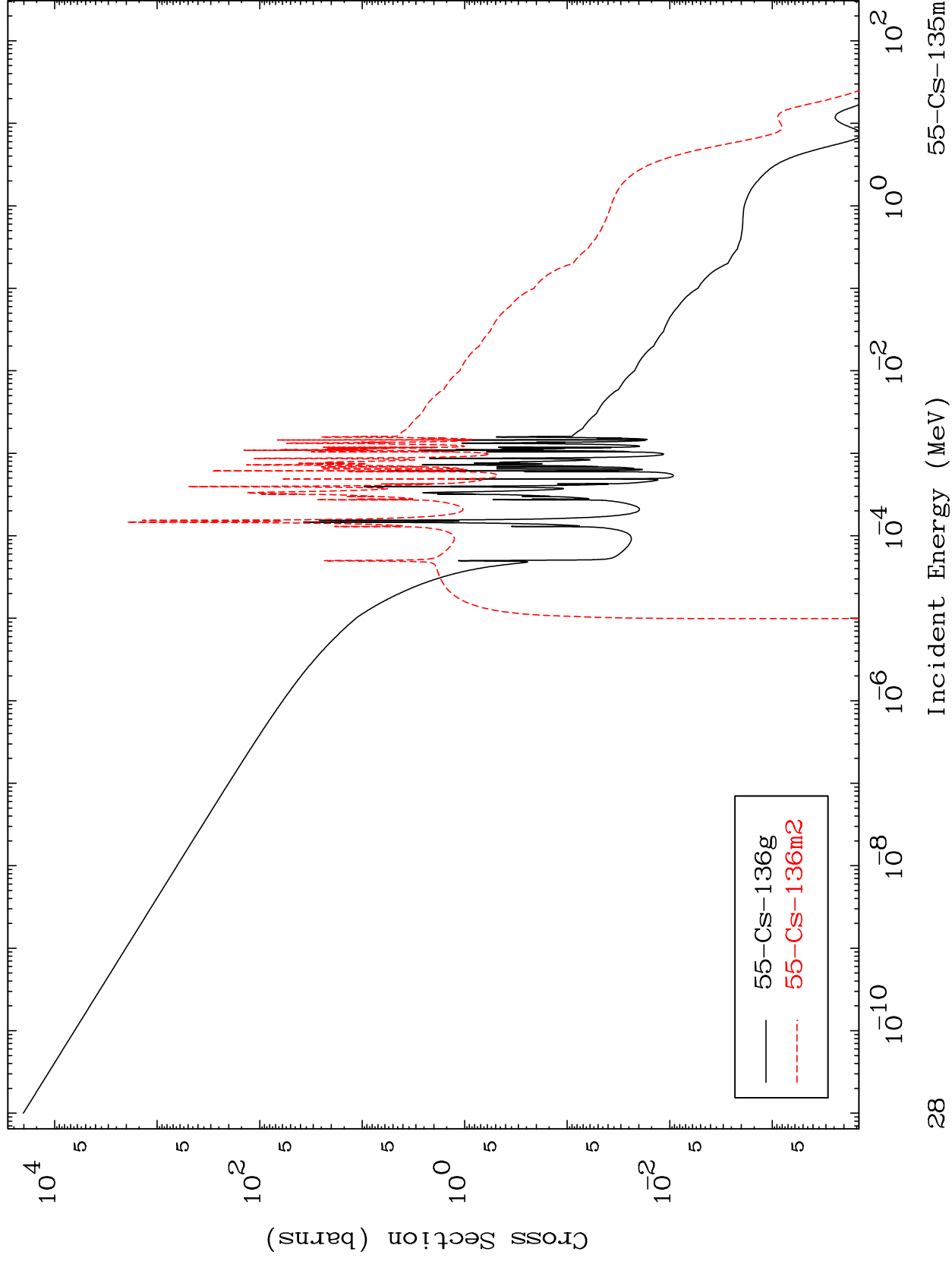
Incident Energy (MeV)

55-Cs-135m

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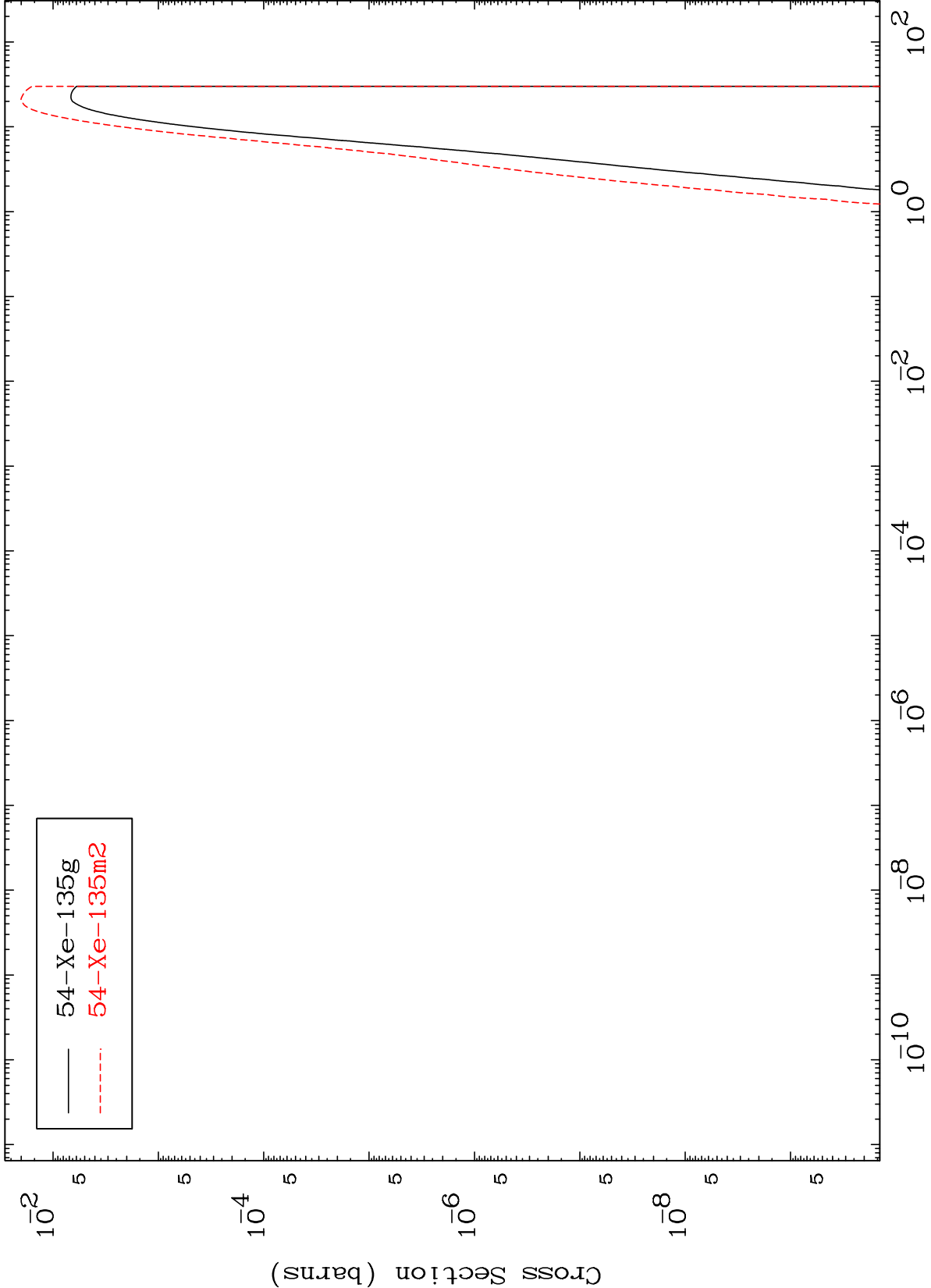
55-Cs-135m

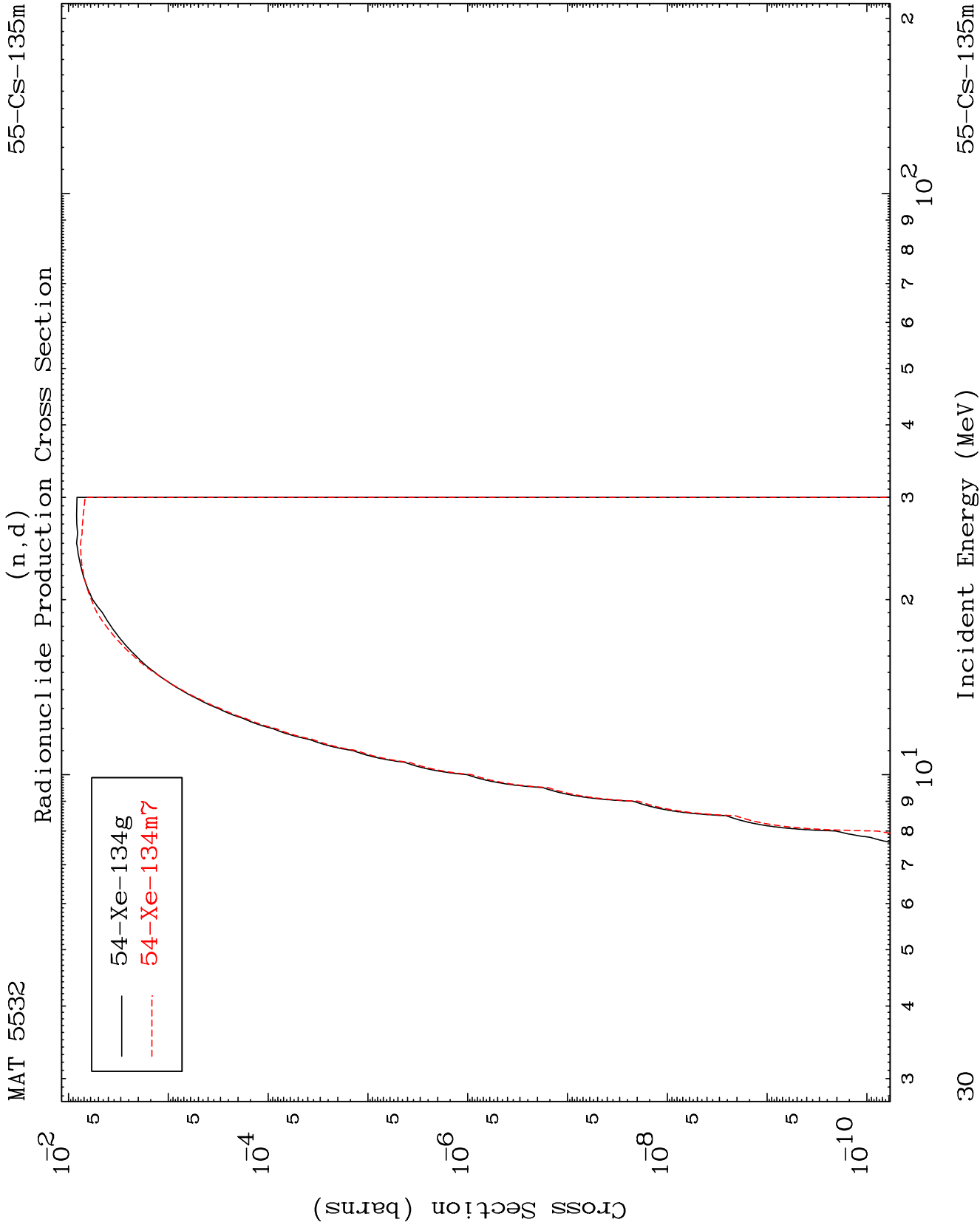
Radionuclide Production Cross Section
(n, γ)



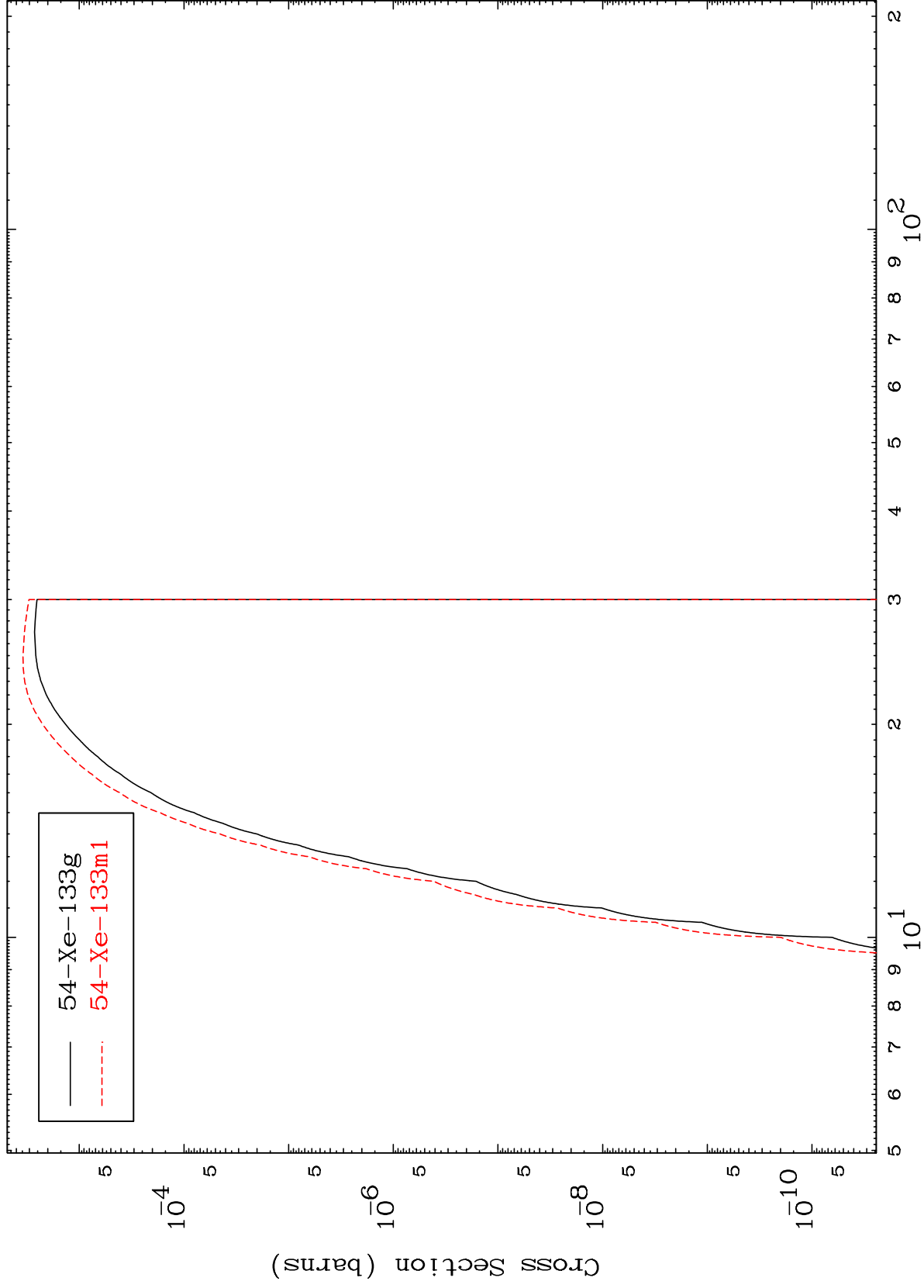
28

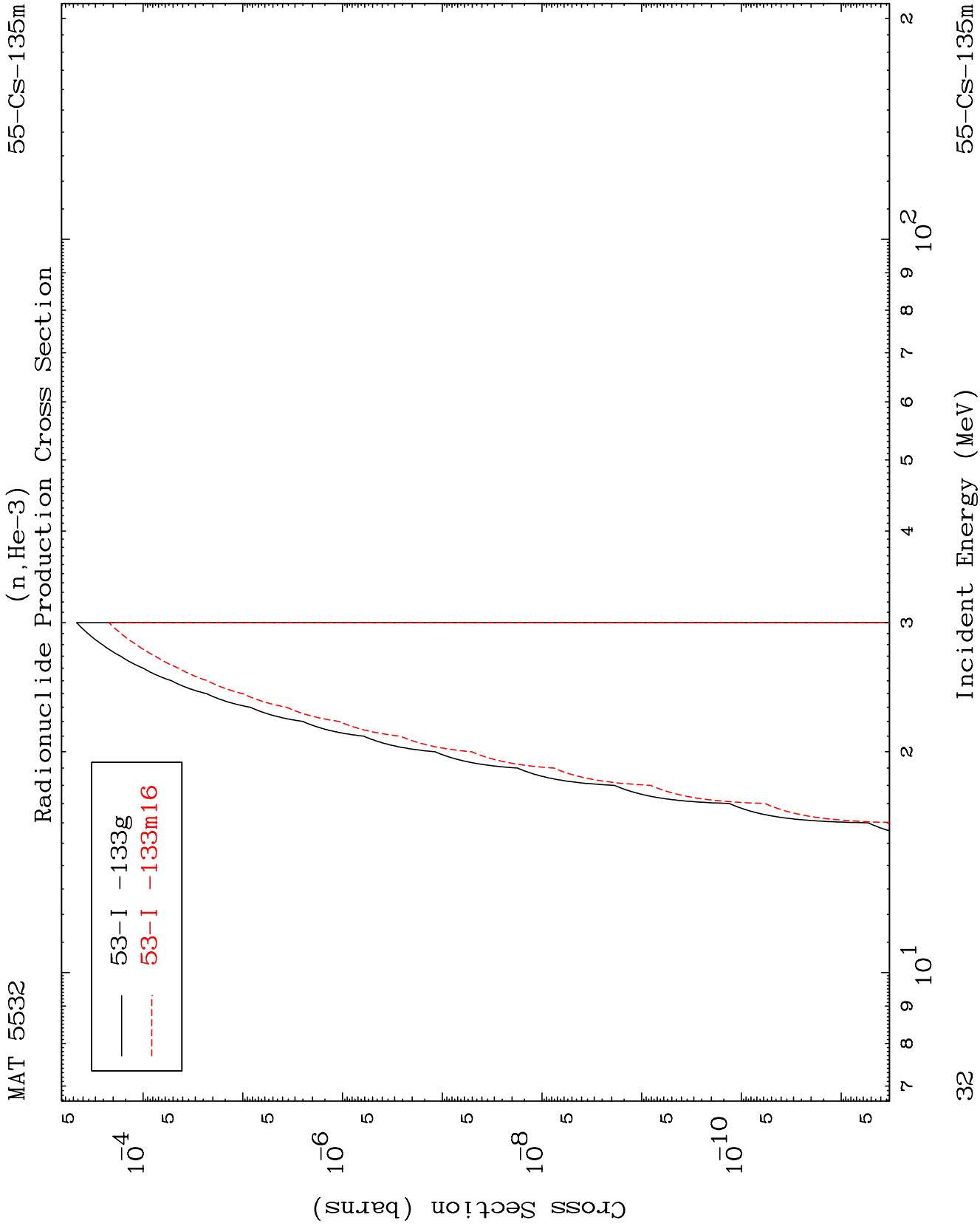
(n,p)
Radionuclide Production Cross Section





Radionuclide Production Cross Section (n,t)

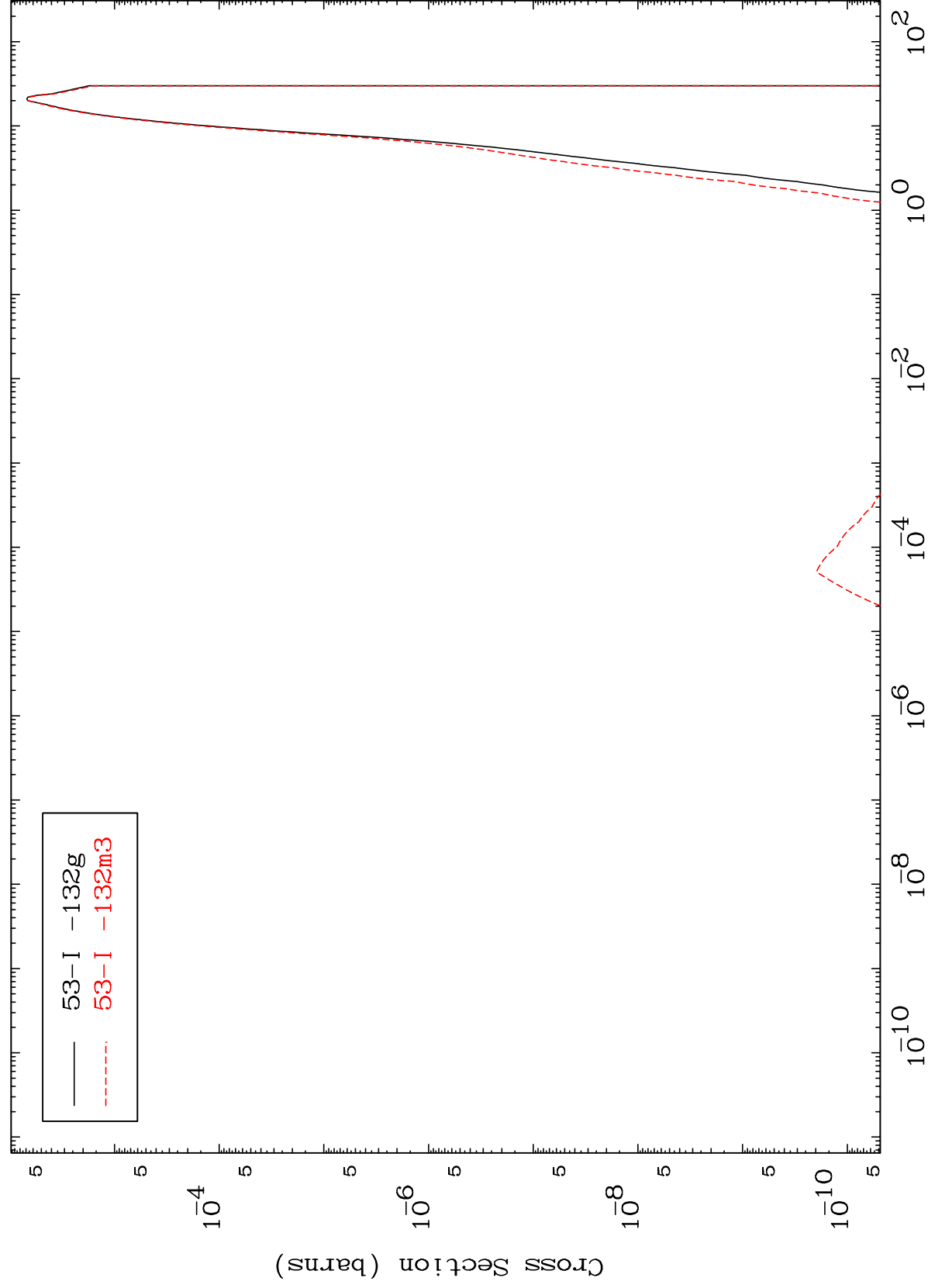




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Radionuclide Production Cross Section
(n, α)

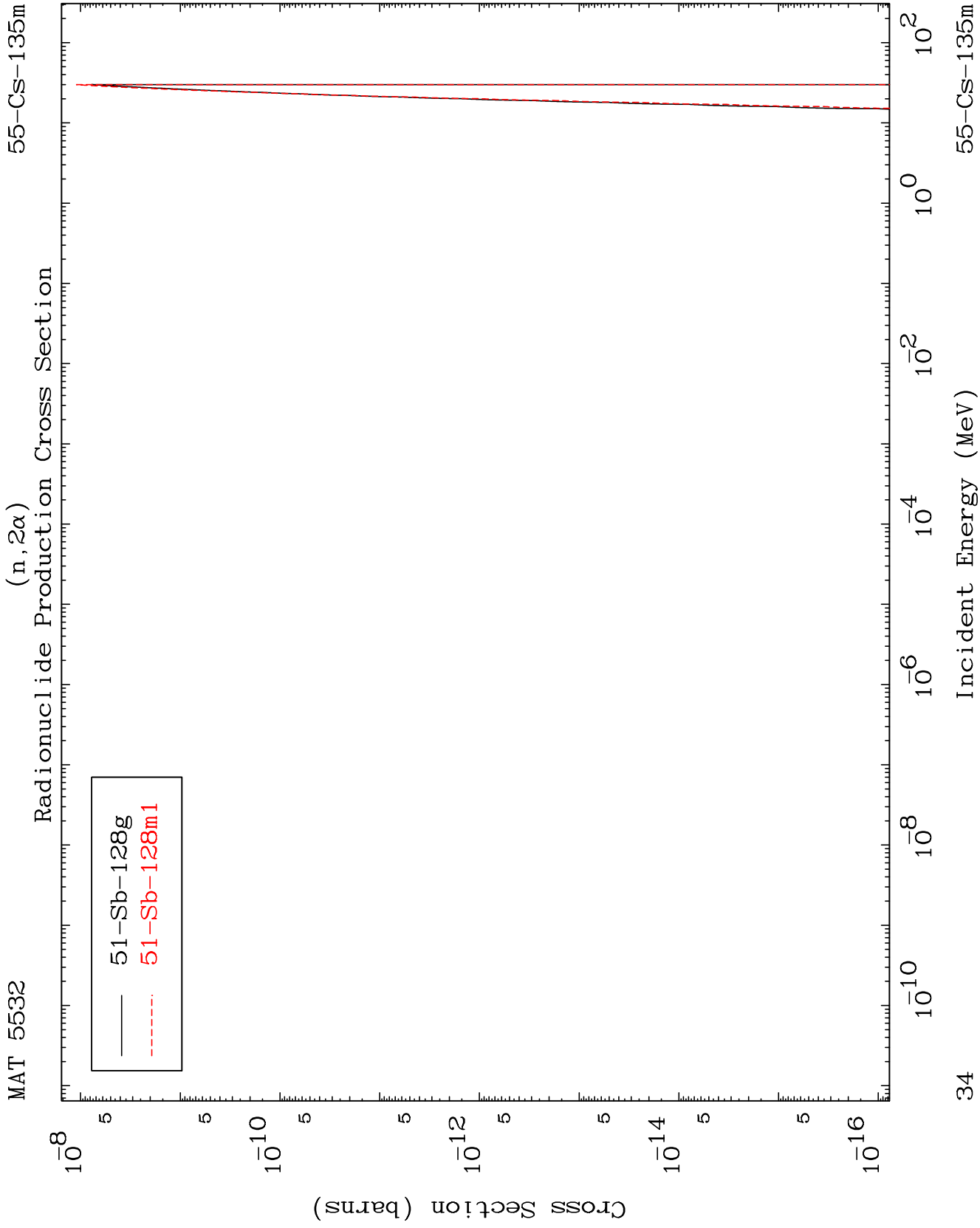
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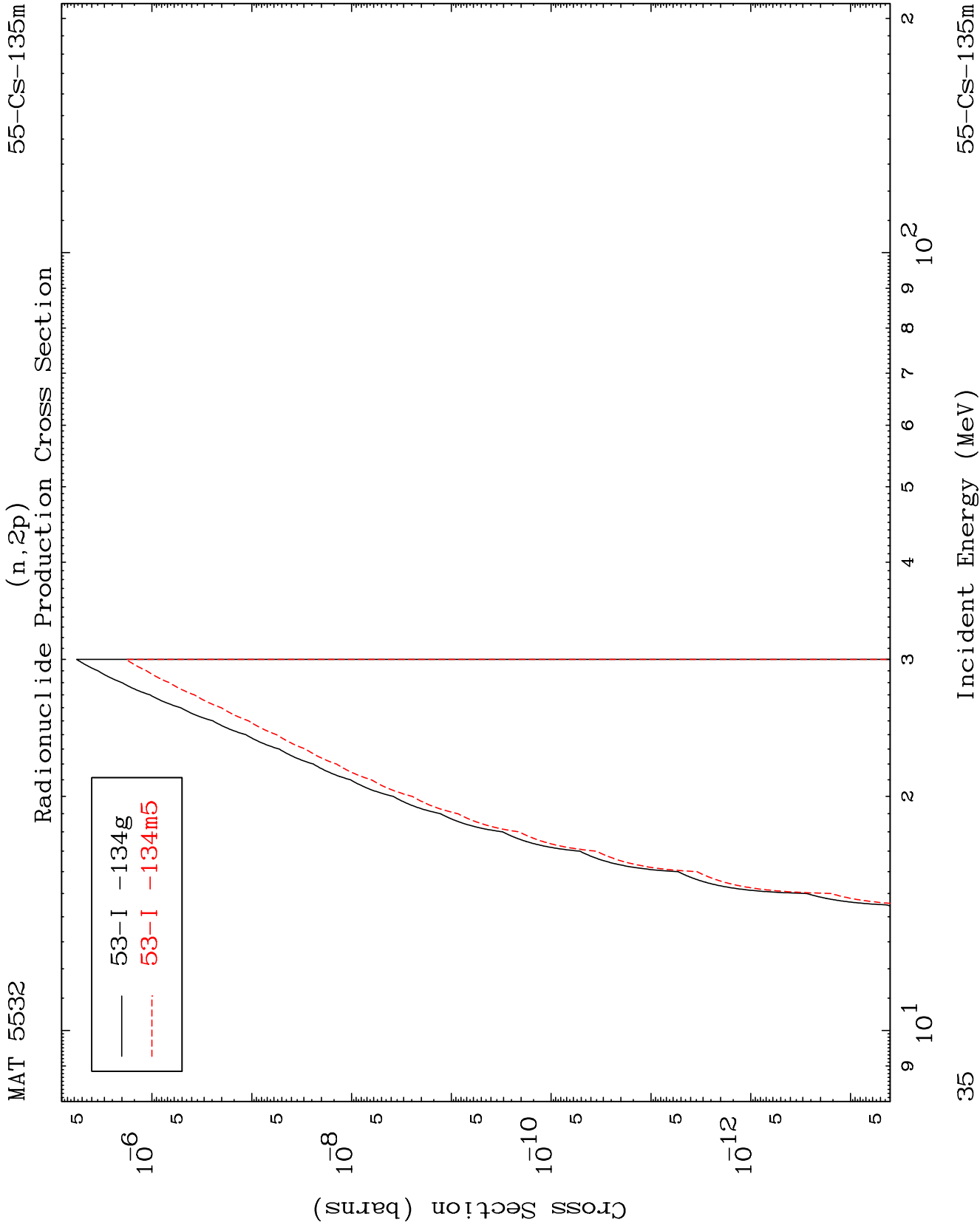


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Incident Energy (MeV)

55-Cs-135m

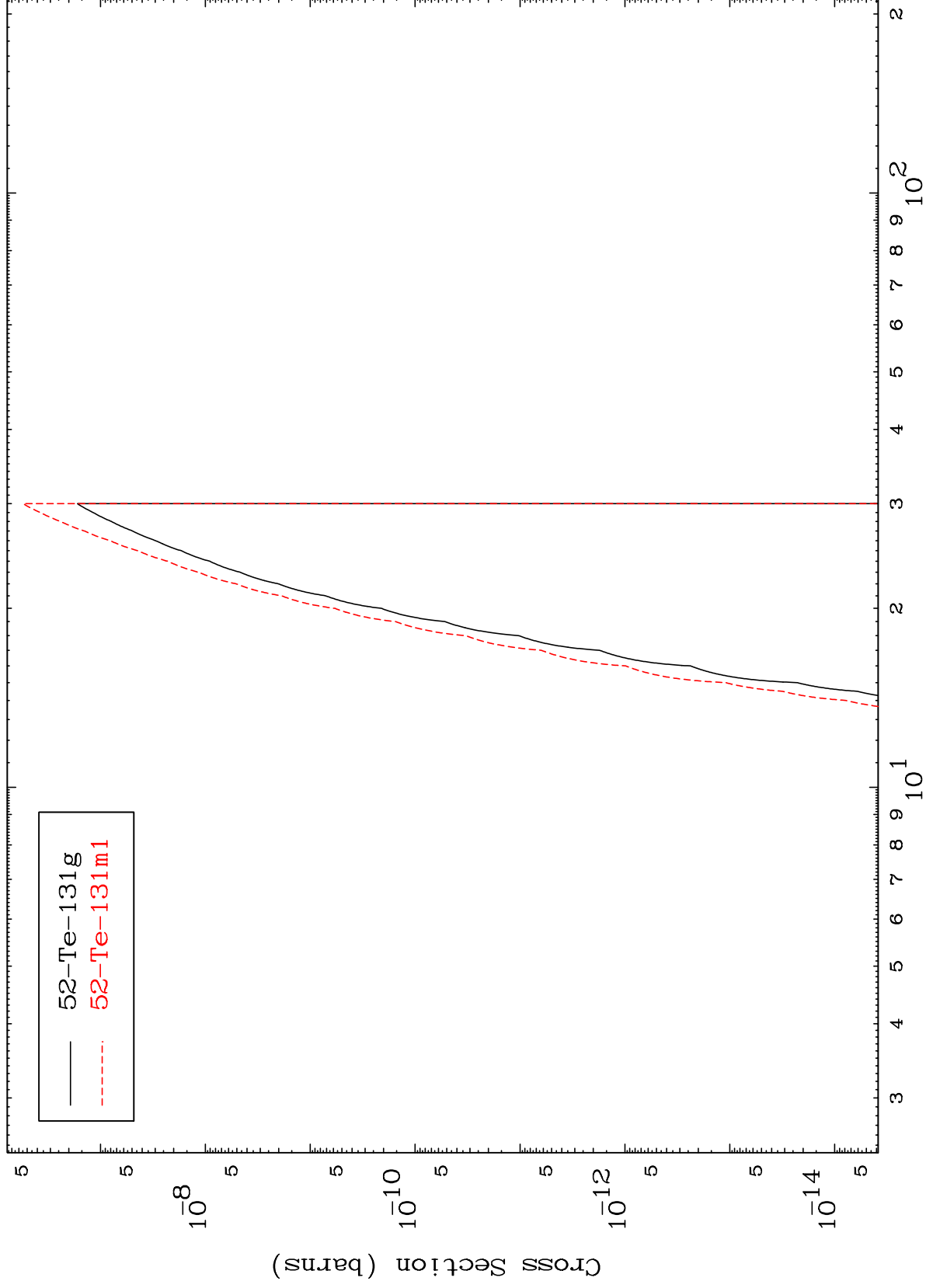




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55-Cs-135m

(n,p) α
Radionuclide Production Cross Section



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Incident Energy (MeV)

55-Cs-135m

