

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

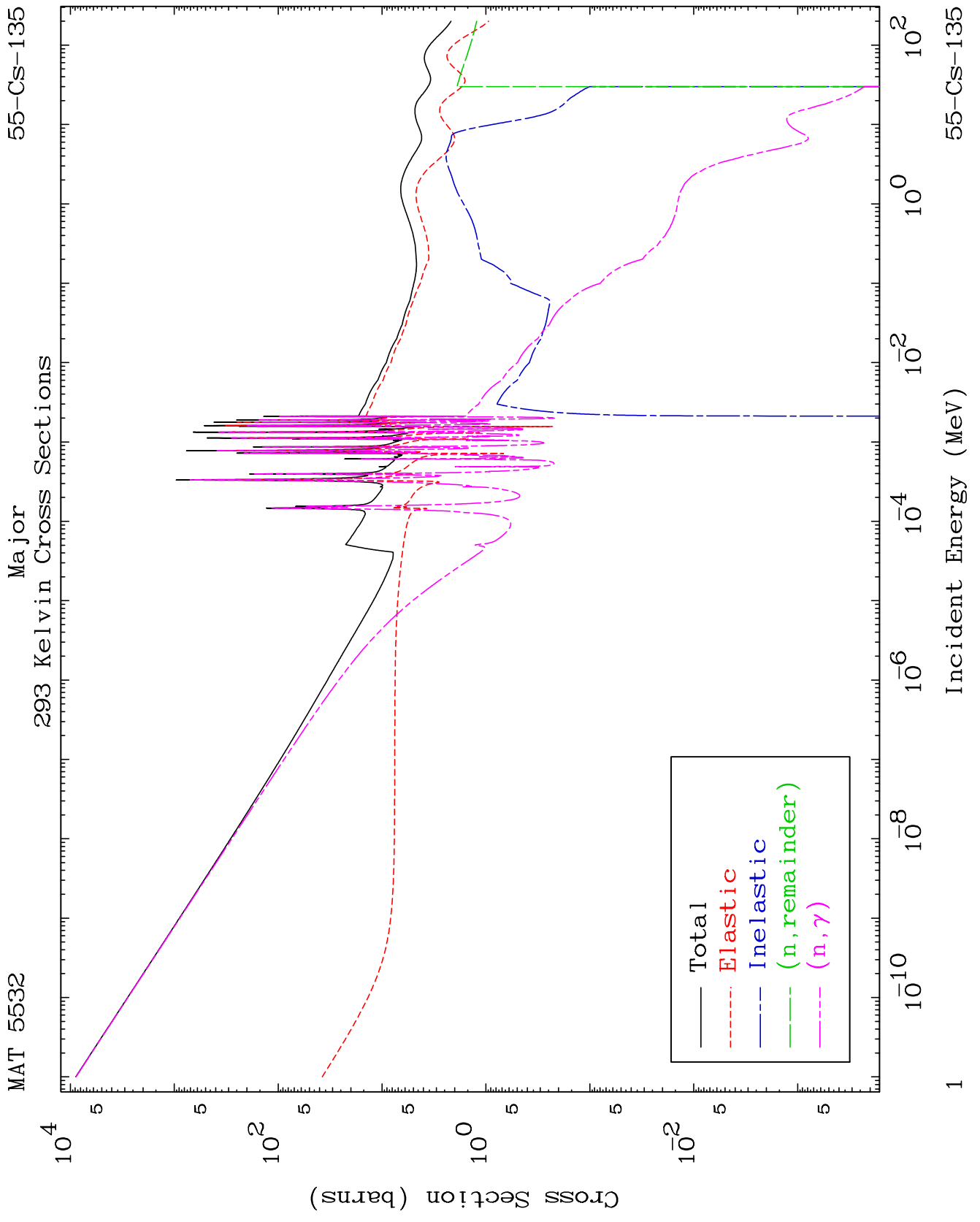
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Web: redcullen1.net/HOMEPAGE.NEW

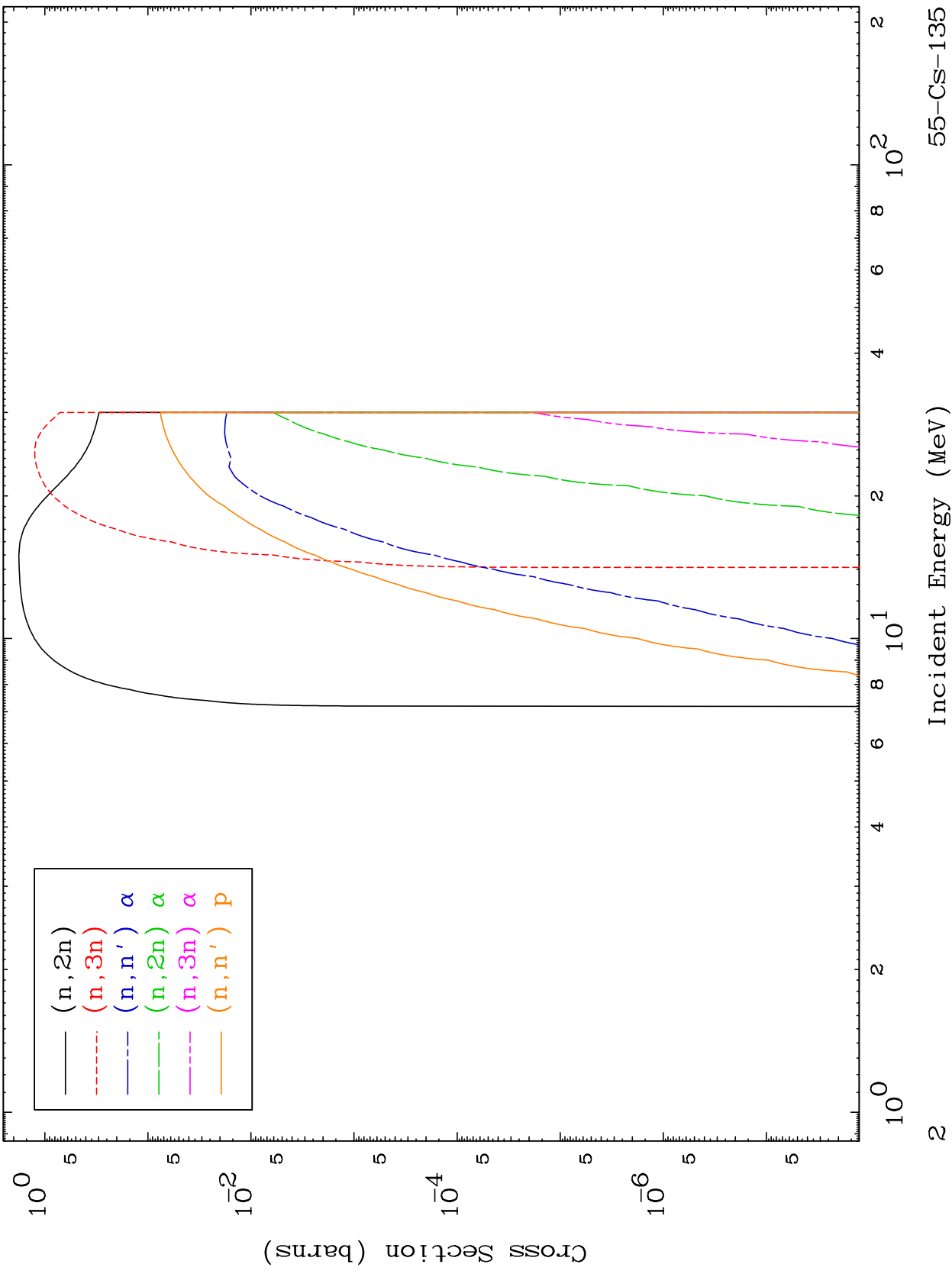
Press Mouse Button to Start



MAT 5532

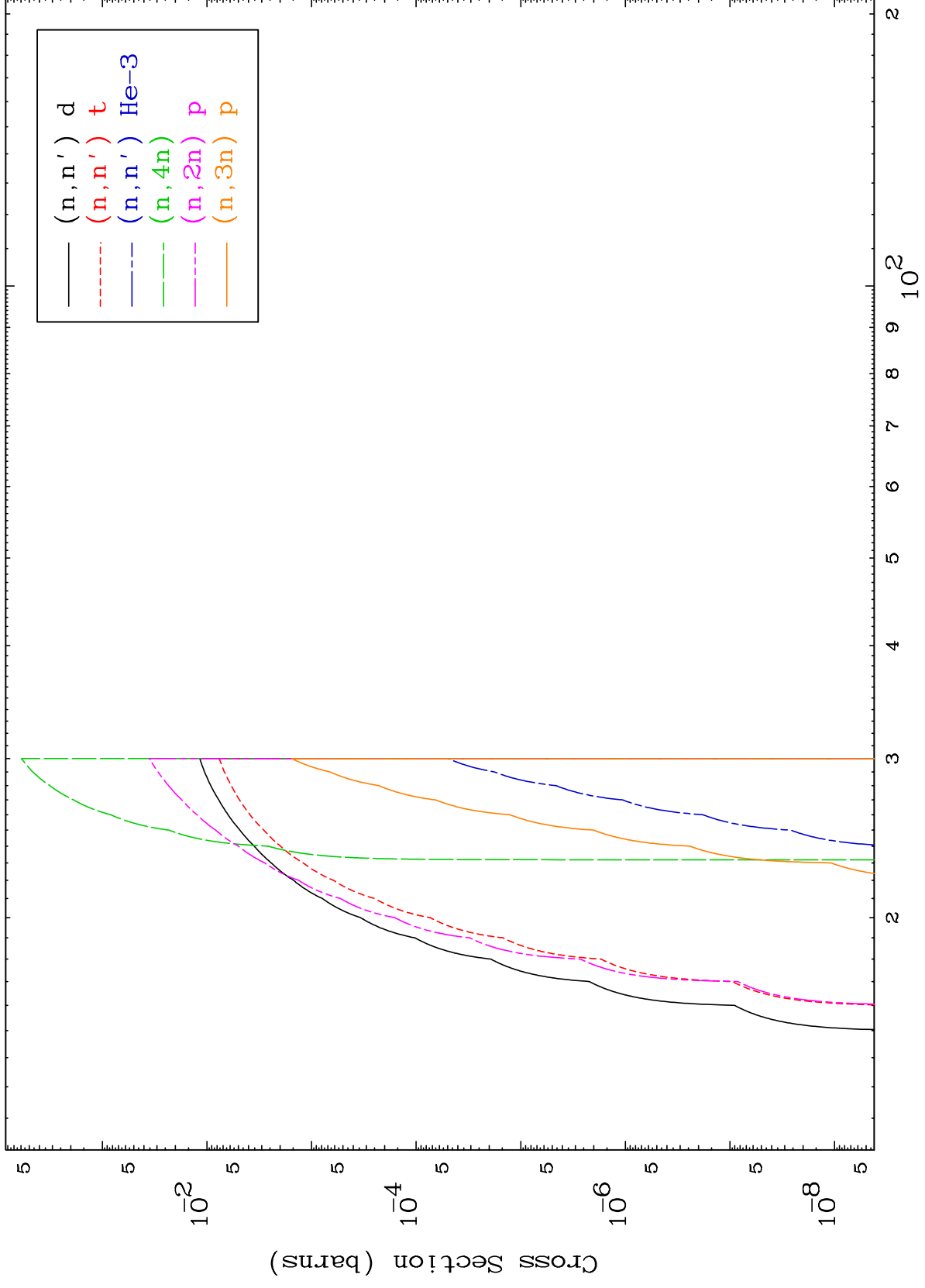
Neutron Production
293 Kelvin Cross Sections

55-Cs-135



55-Cs-135

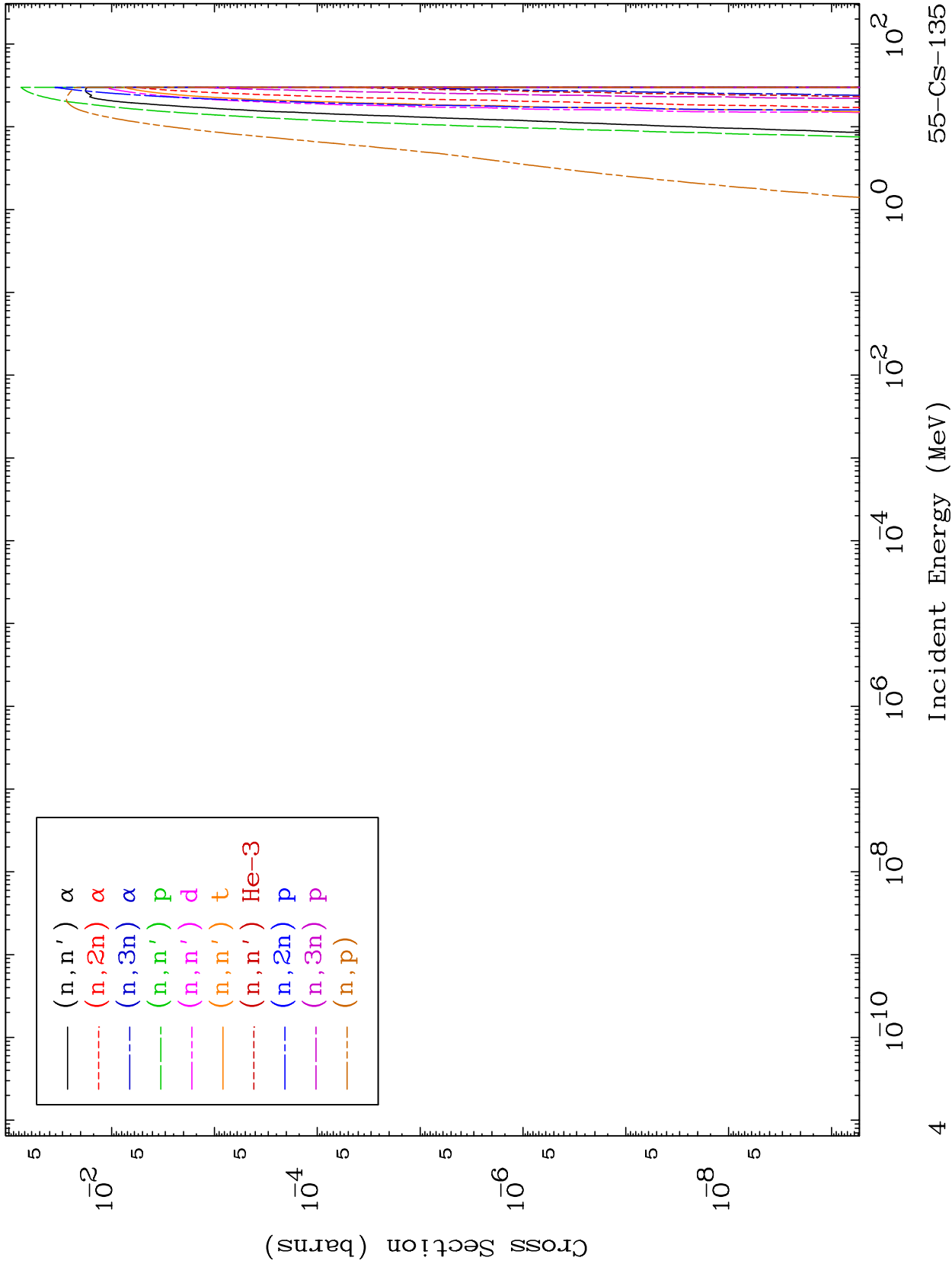
Incident Energy (MeV)



MAT 5532

Charged Particle
293 Kelvin Cross Sections

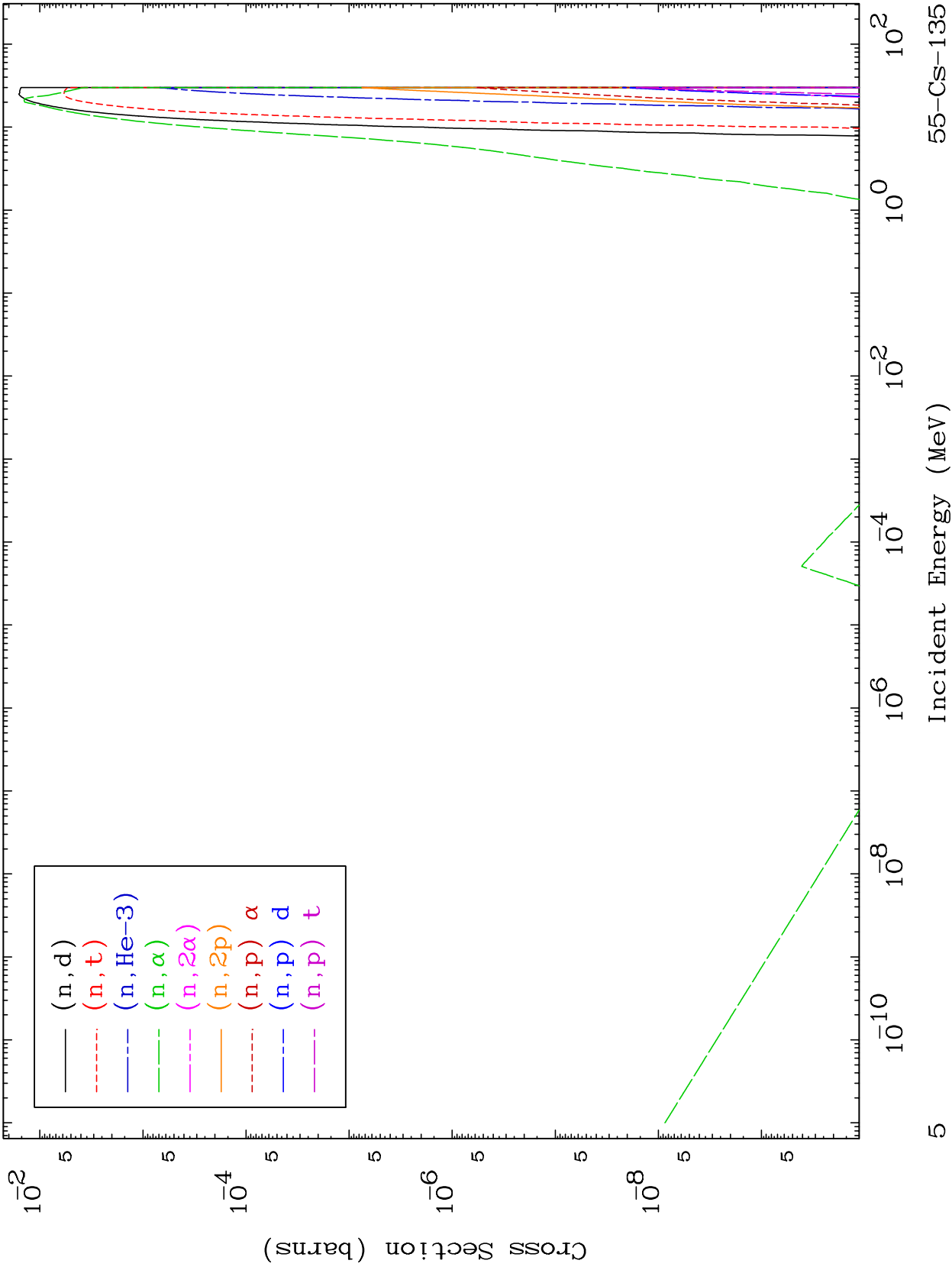
55-Cs-135



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Charged Particle
293 Kelvin Cross Sections

55-Cs-135

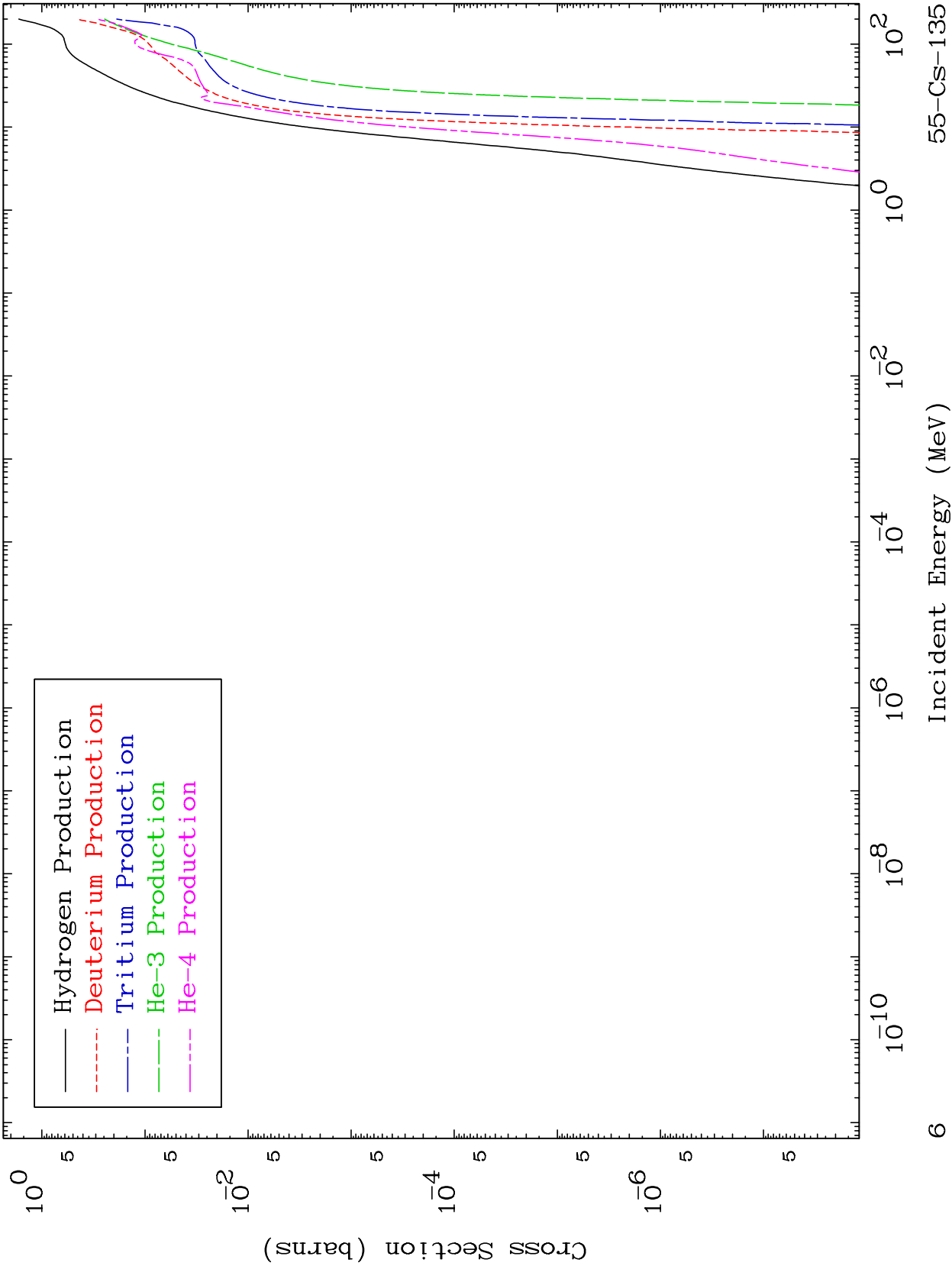


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Particle Production
293 Kelvin Cross Sections

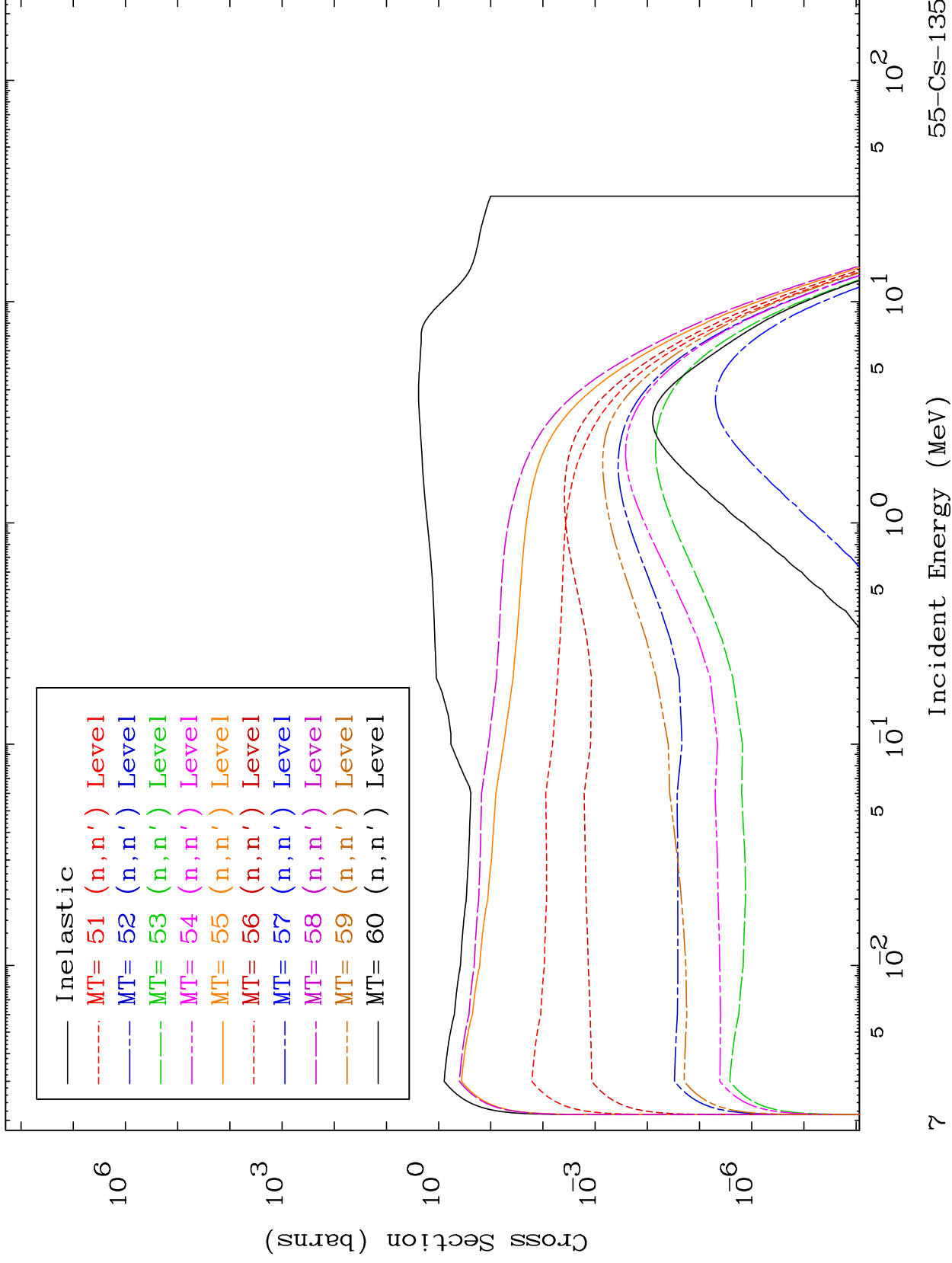
55-Cs-135



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(n,n') Level
293 Kelvin Cross Sections

55-Cs-135

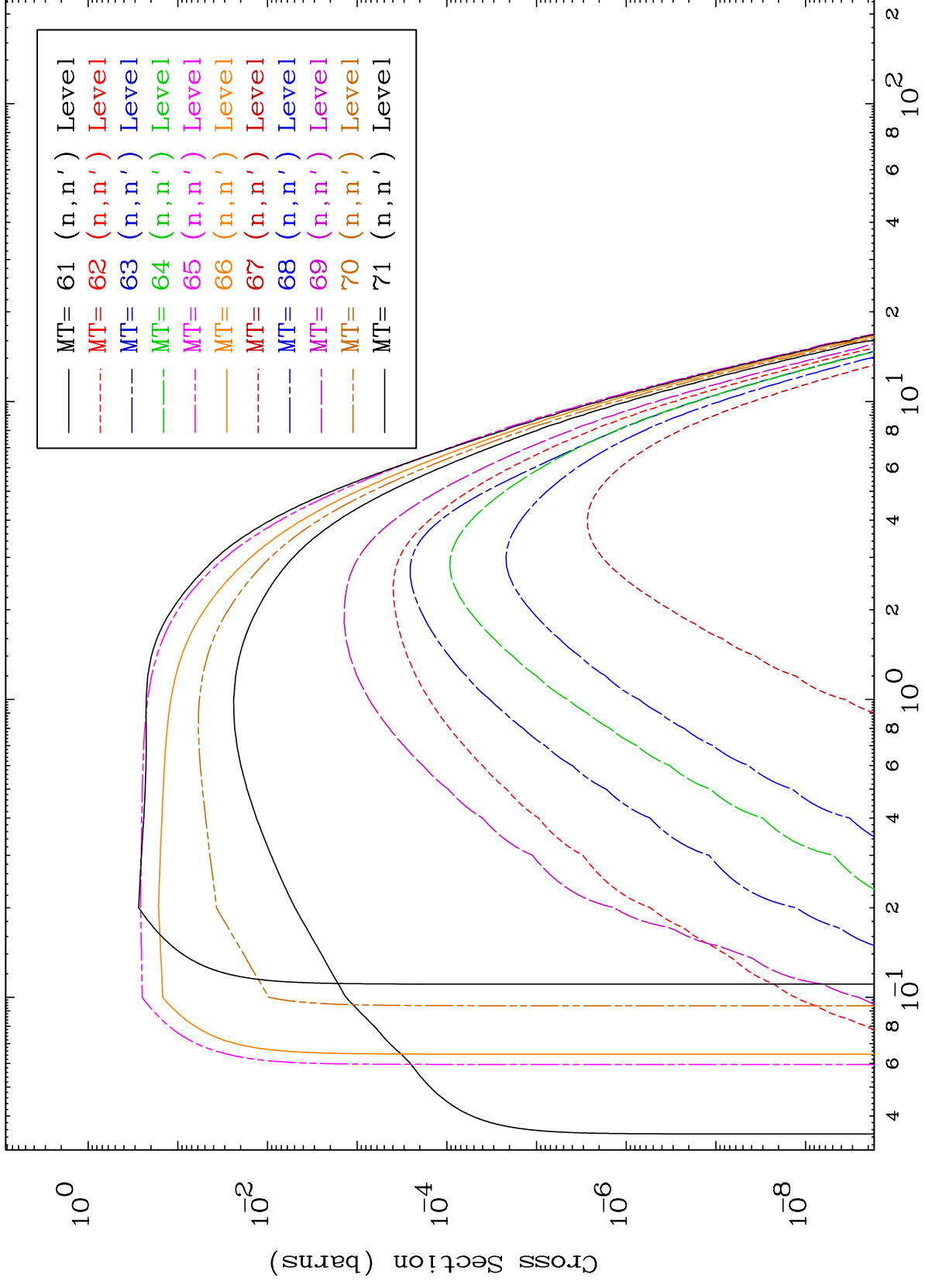


MAT 5532

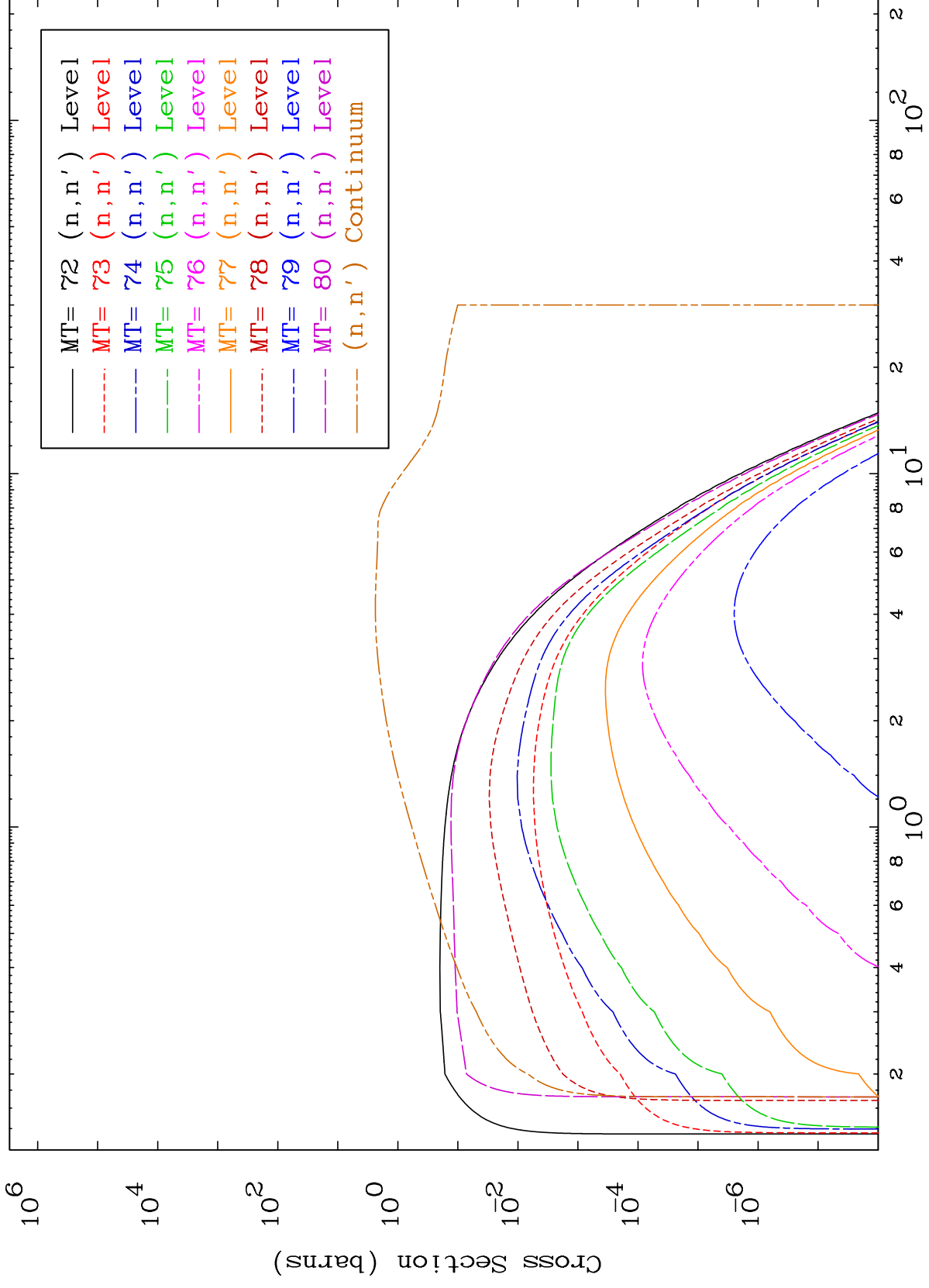
(n,n') Level

293 Kelvin Cross Sections

55-Cs-135



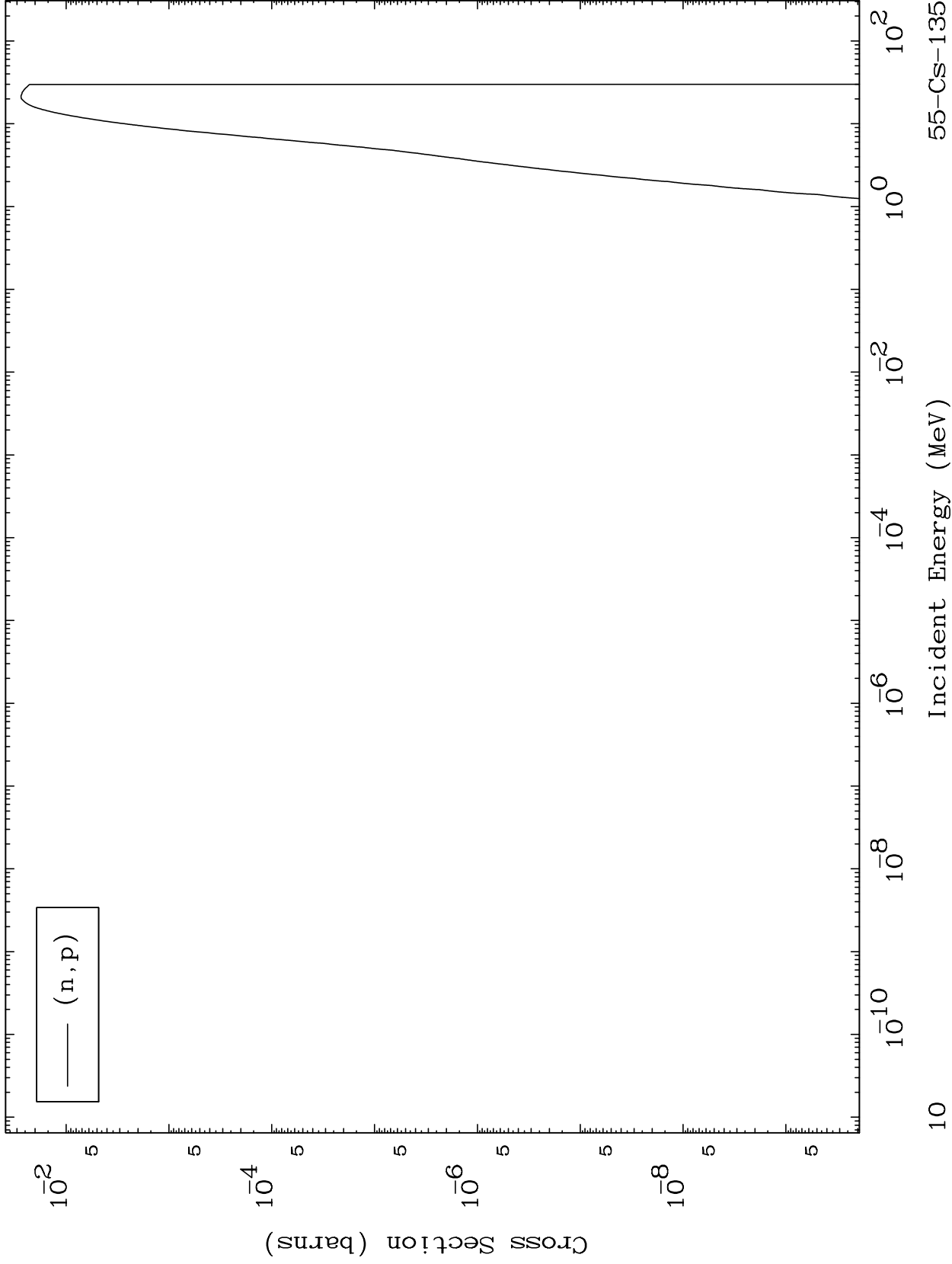
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

55-Cs-135



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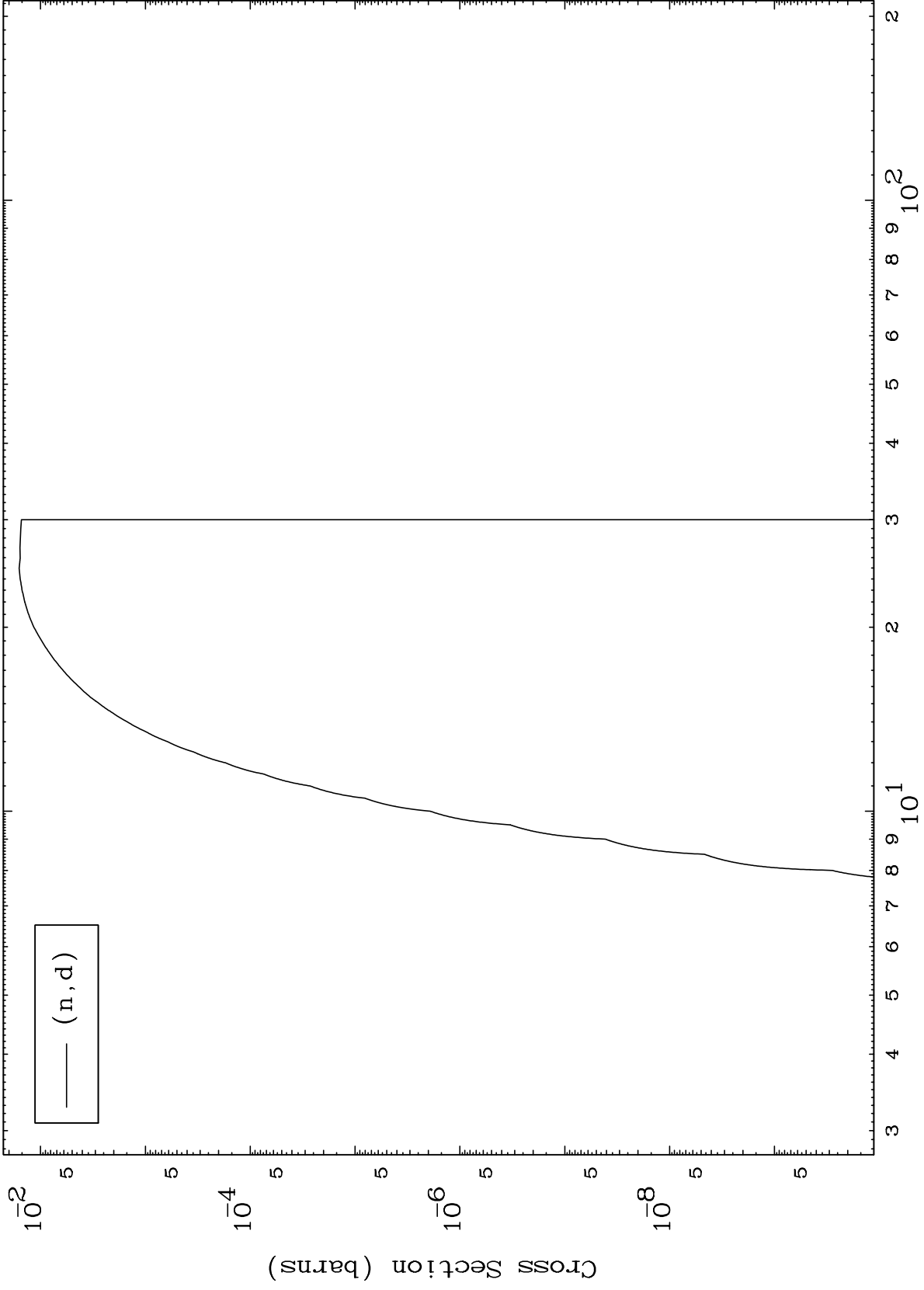
Incident Energy (MeV)

55-Cs-135

MAT 5532

(n,d) Levels
293 Kelvin Cross Sections

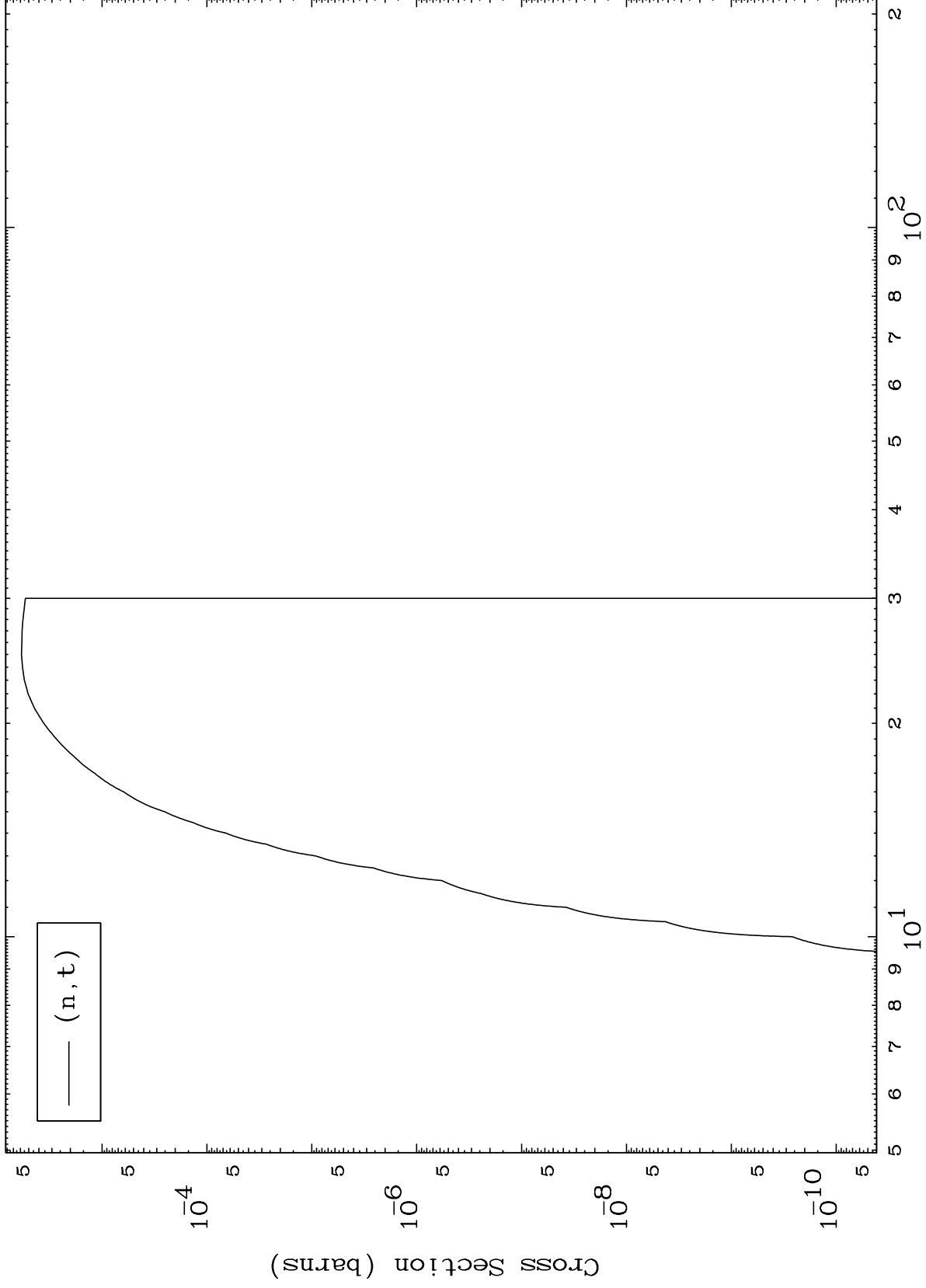
55-Cs-135



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(n,t) Levels
293 Kelvin Cross Sections

55-Cs-135



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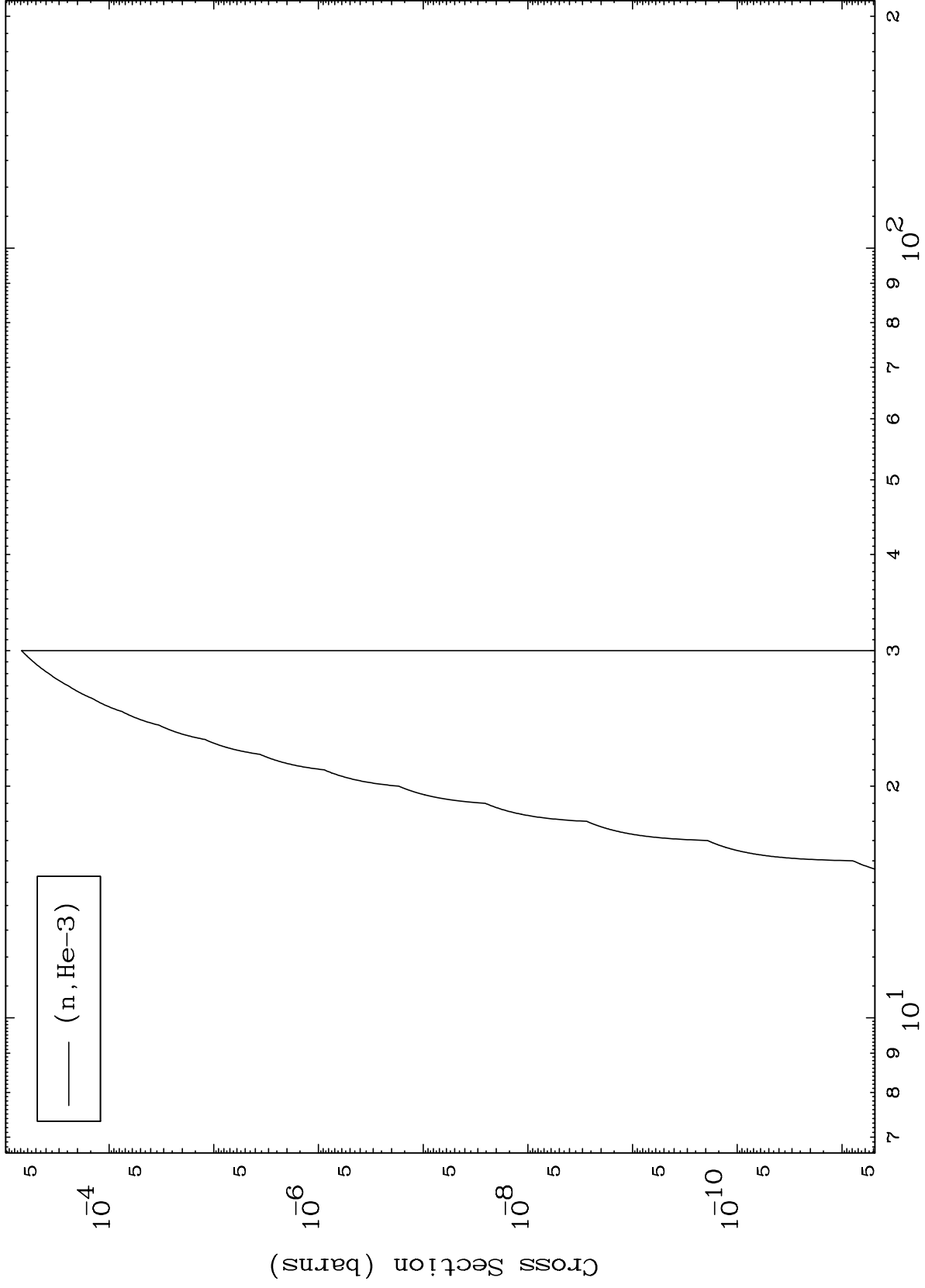
Incident Energy (MeV)

55-Cs-135

MAT 5532

(n,He3) Levels
293 Kelvin Cross Sections

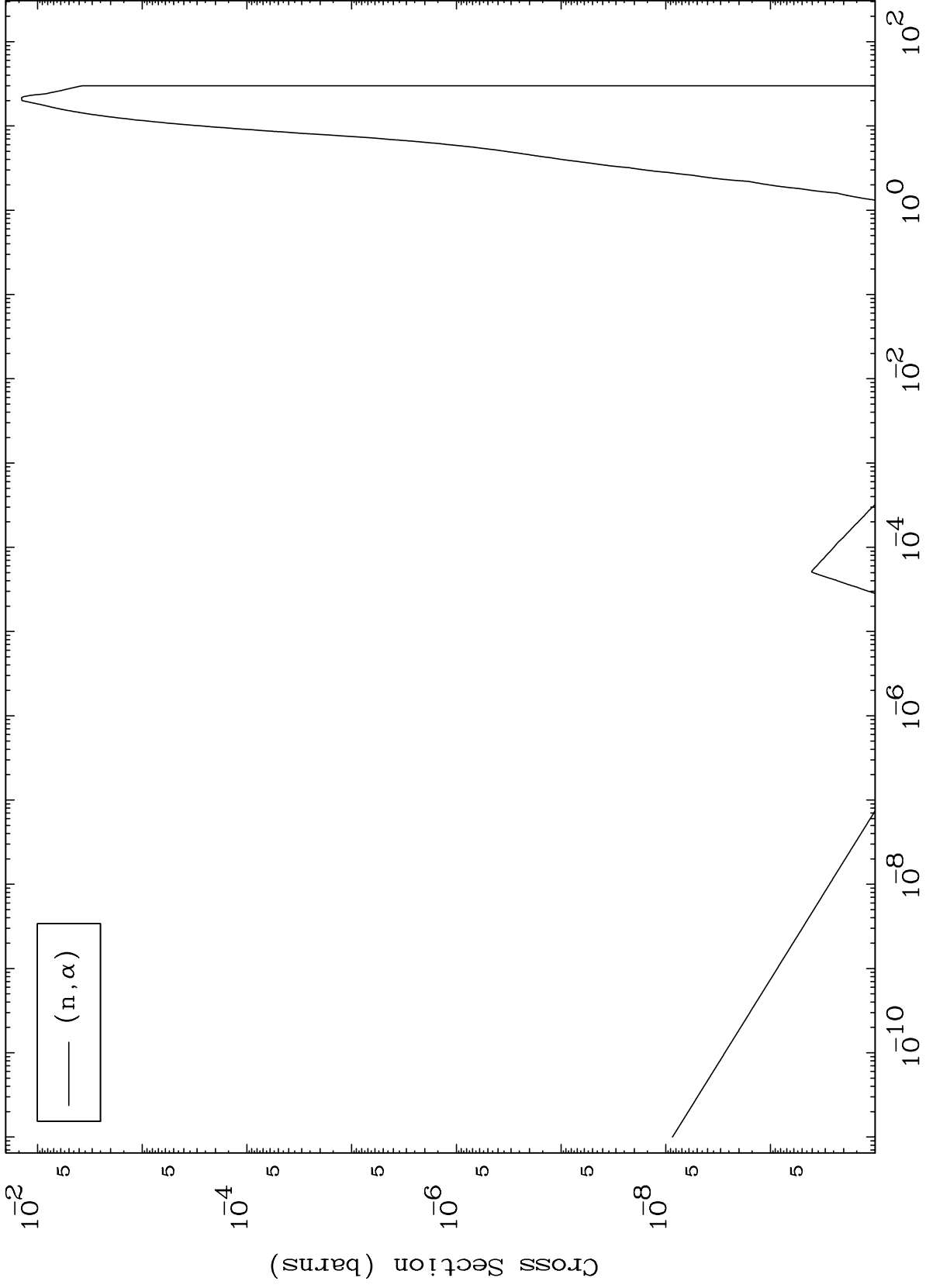
55-Cs-135

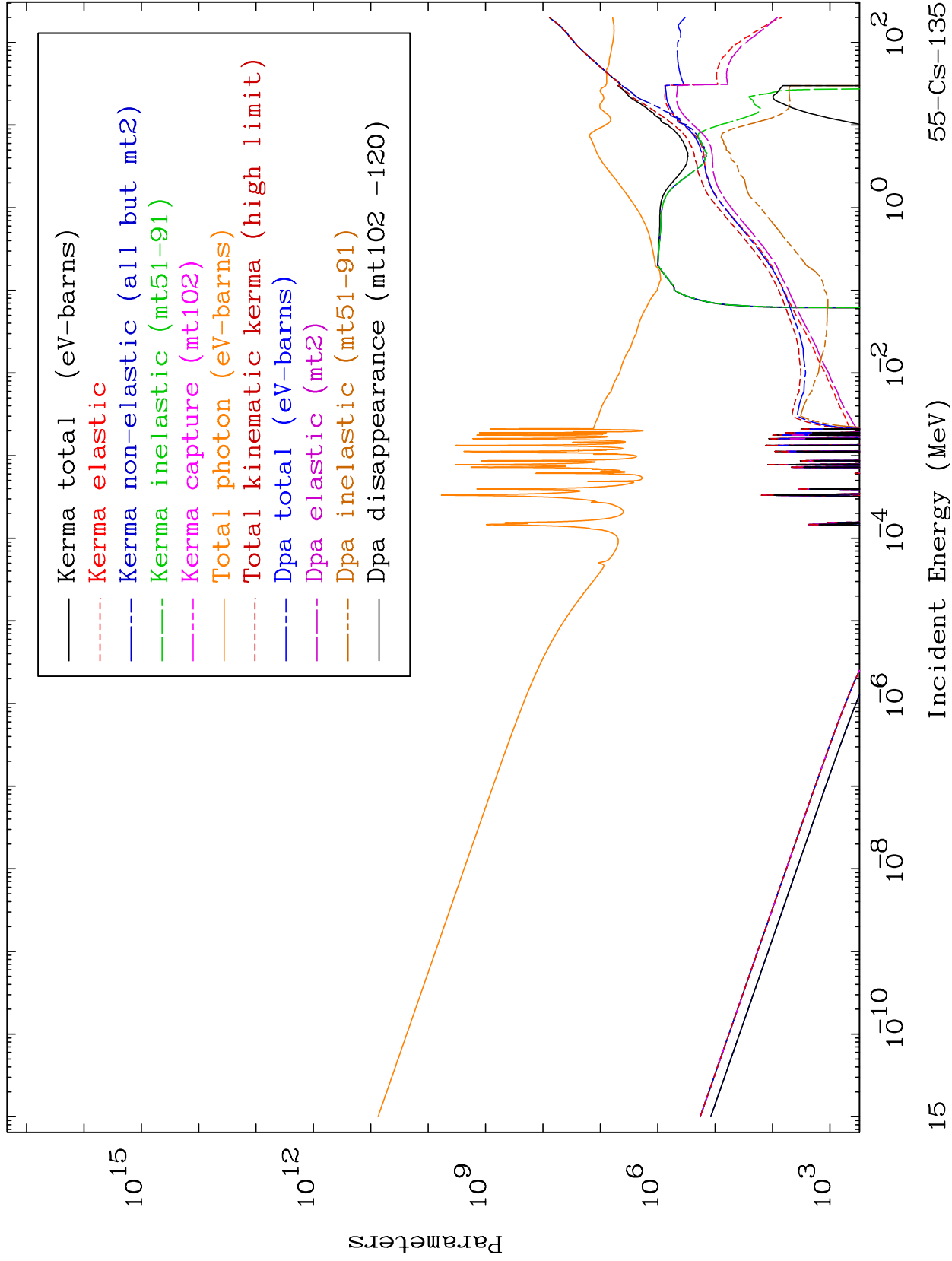


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(n, α) Levels
293 Kelvin Cross Sections

55-Cs-135

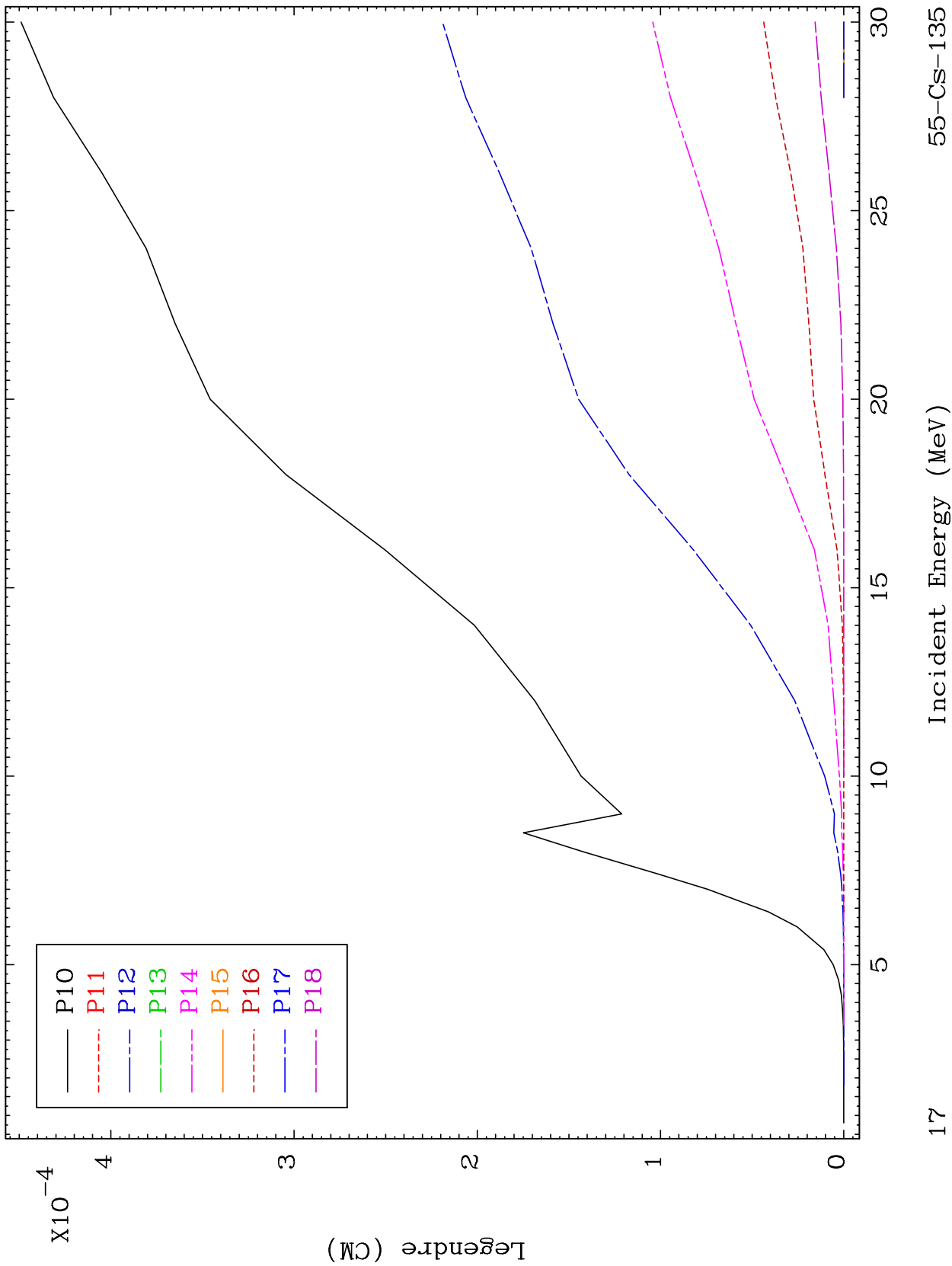




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Elastic Legendre Coefficients

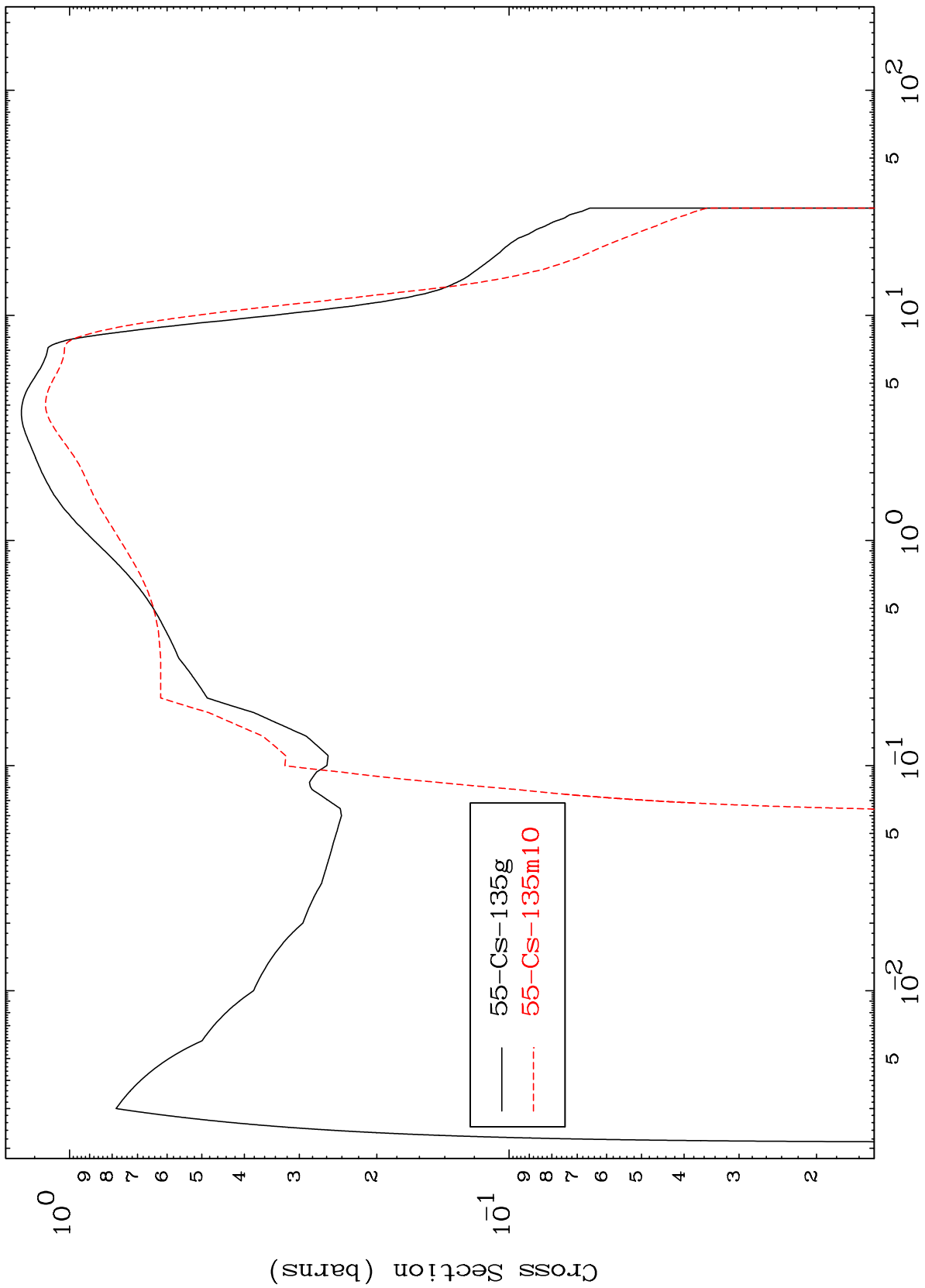
55-Cs-135



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55-Cs-135

Inelastic
Radionuclide Production Cross Section

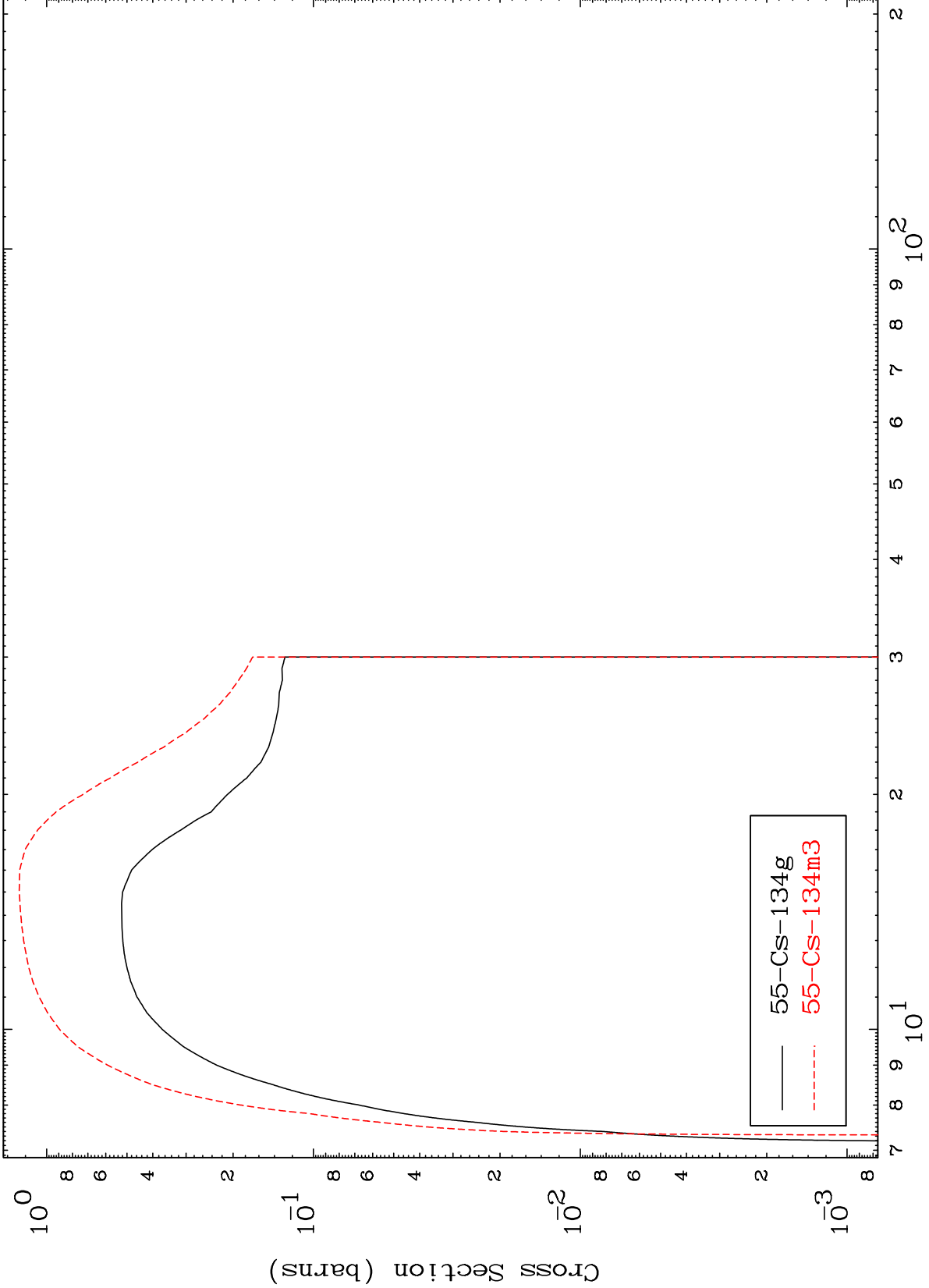


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(n,2n)

55-Cs-135

Radionuclide Production Cross Section



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Incident Energy (MeV)

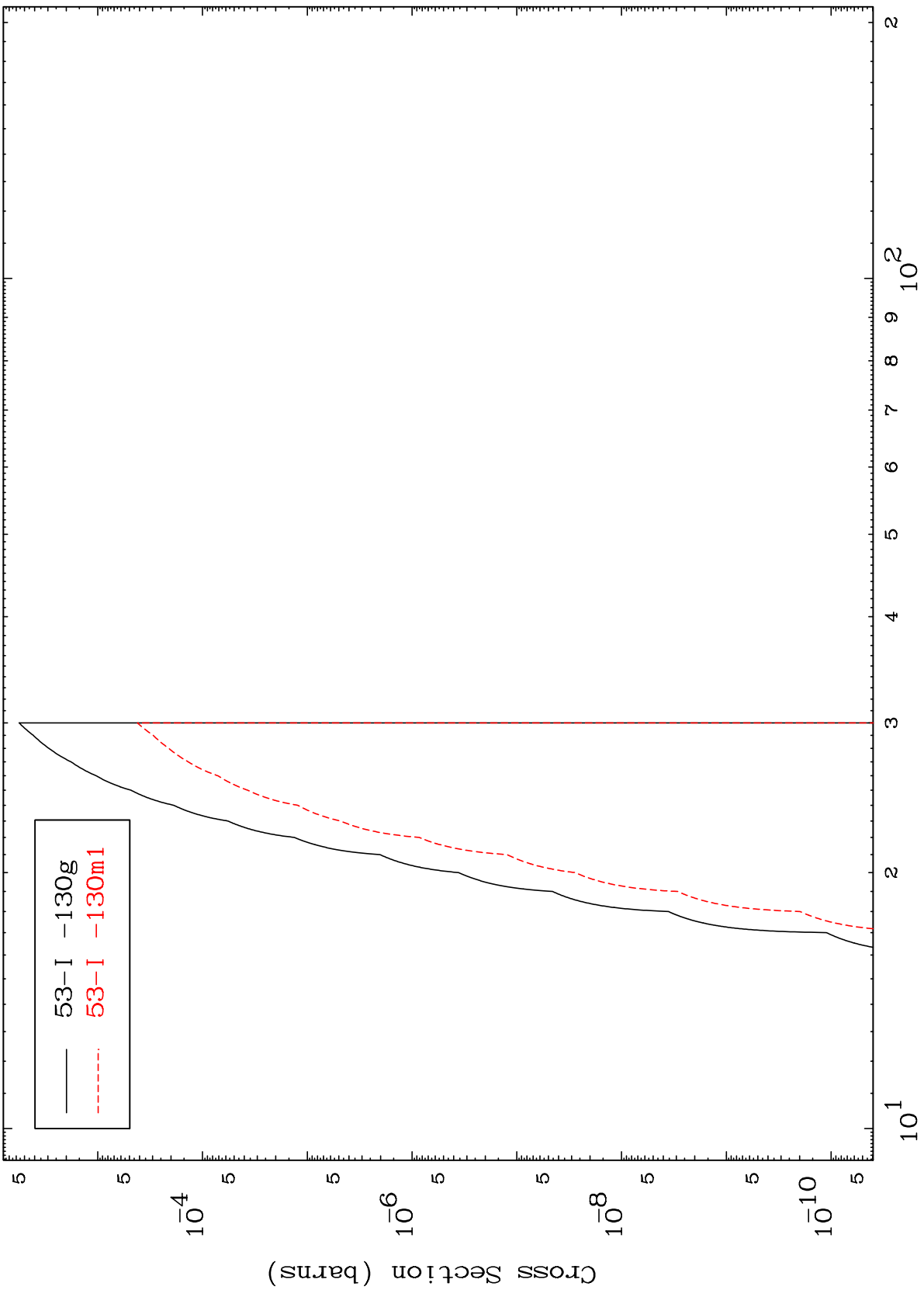
55-Cs-135

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(n,2n) α

55-Cs-135

Radionuclide Production Cross Section



53-I -130g
53-I -130m1

Incident Energy (MeV)

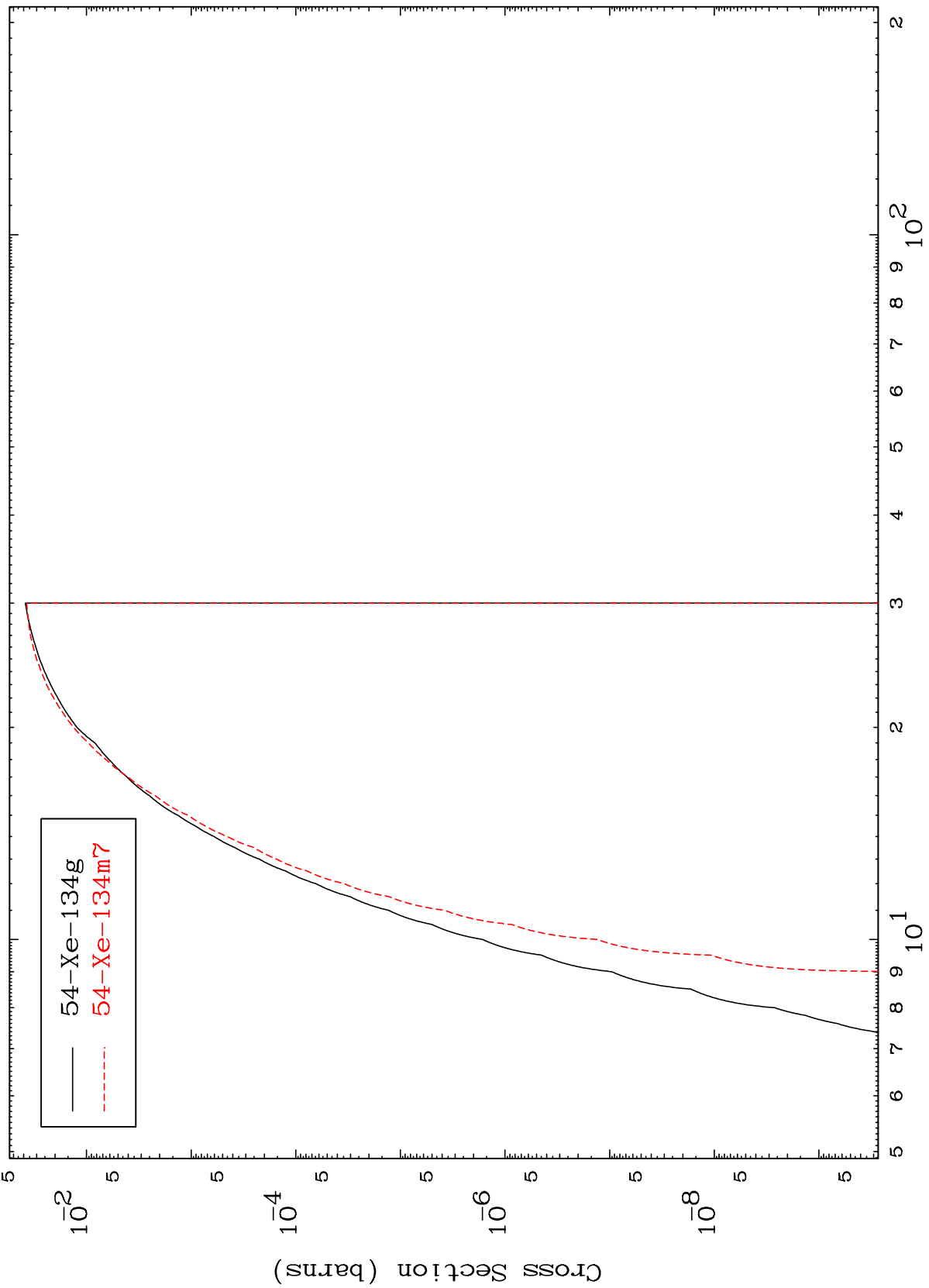
55-Cs-135

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55-Cs-135

(n,n') p
Radionuclide Production Cross Section



Incident Energy (MeV)

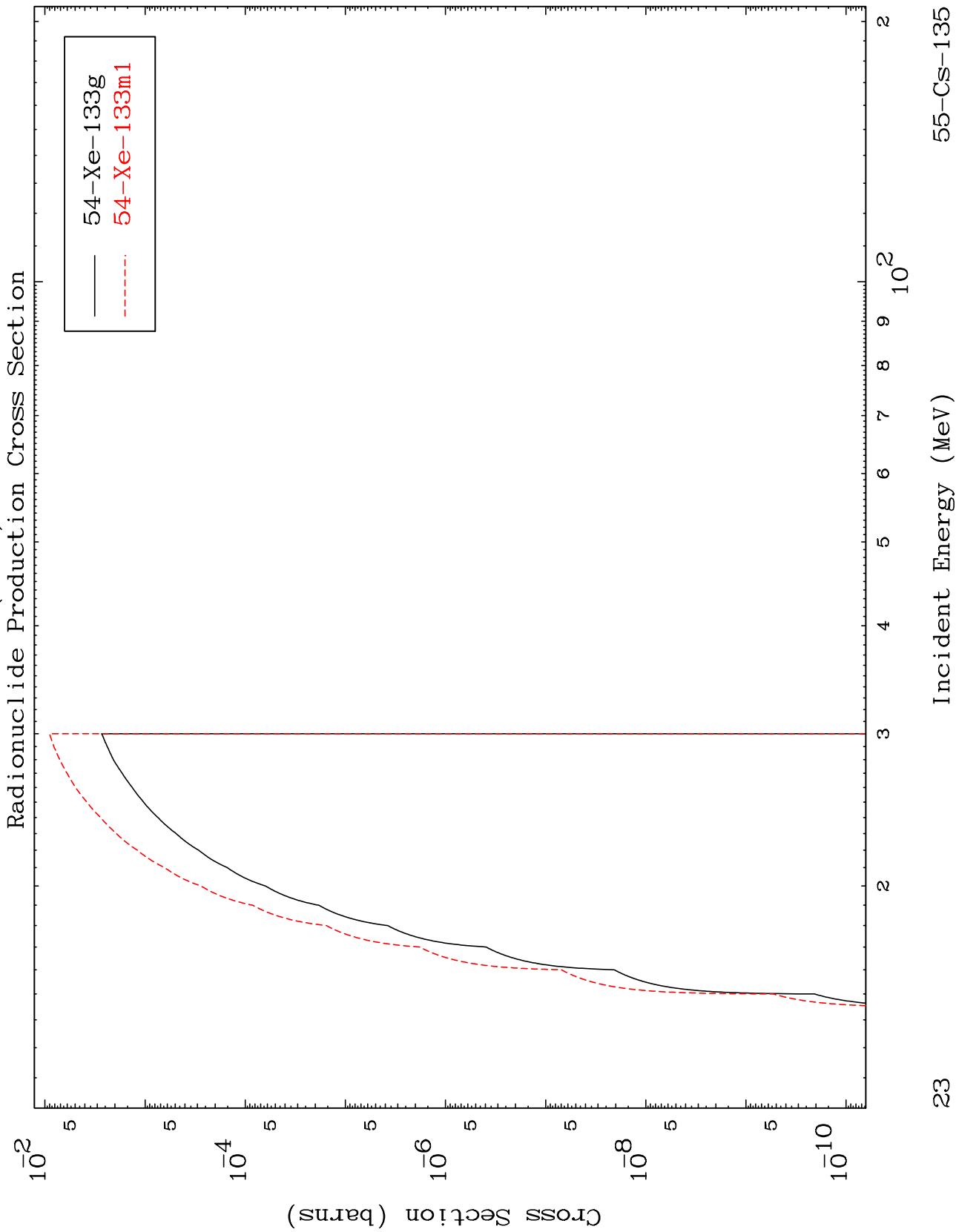
55-Cs-135

22

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(n,n') d

55-Cs-135



23

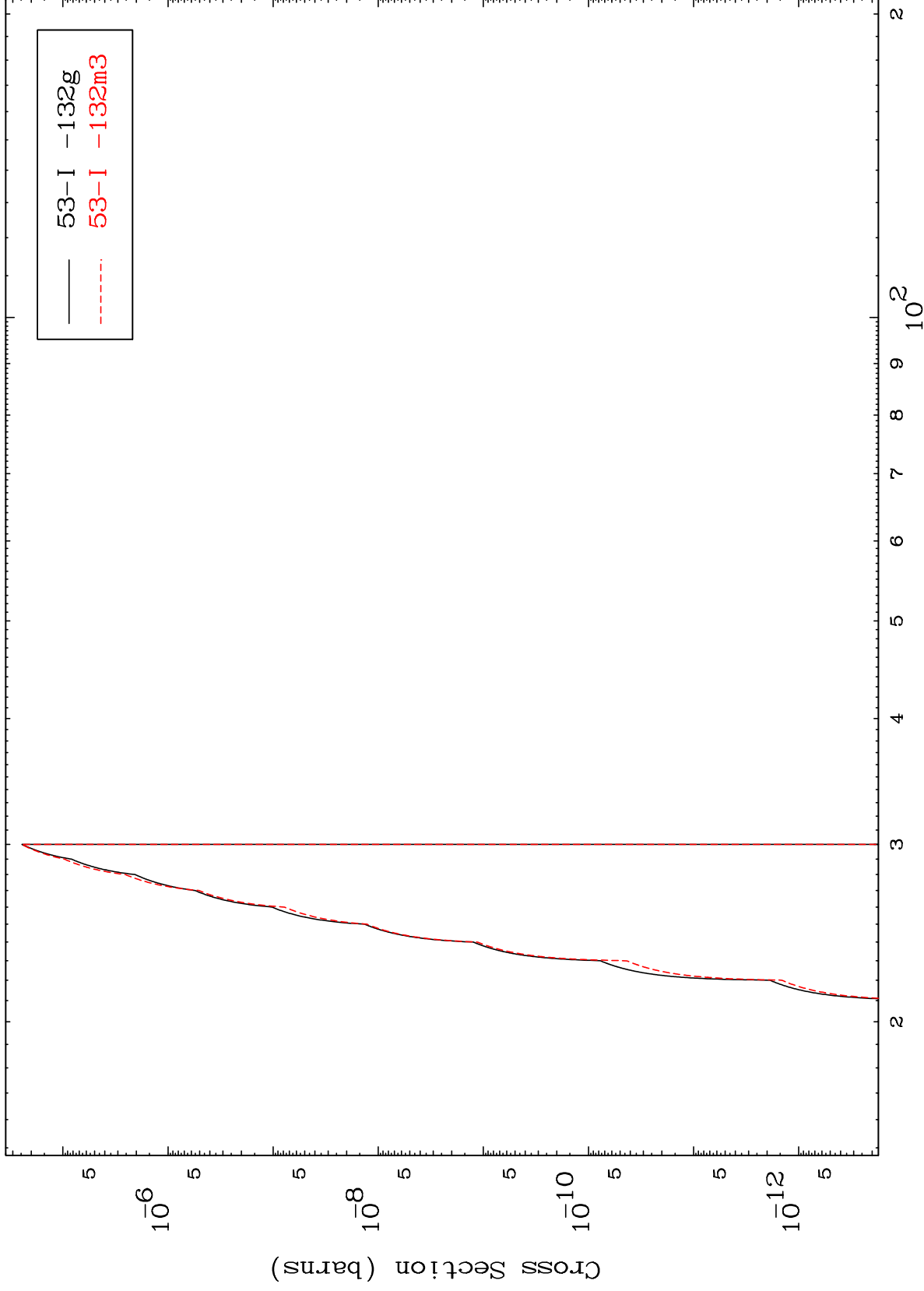
55-Cs-135

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(n,n') He-3

55-Cs-135

Radionuclide Production Cross Section

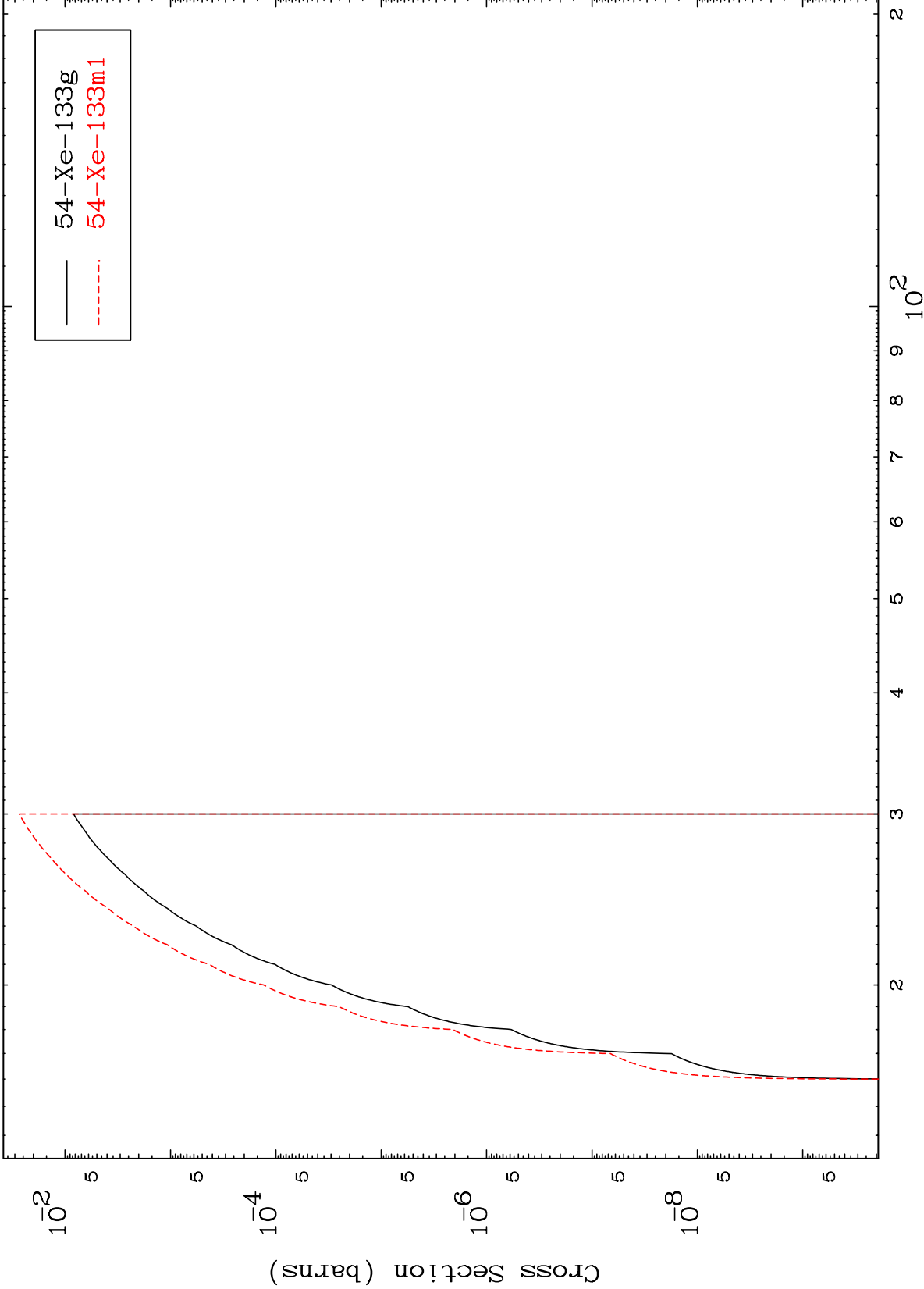


24

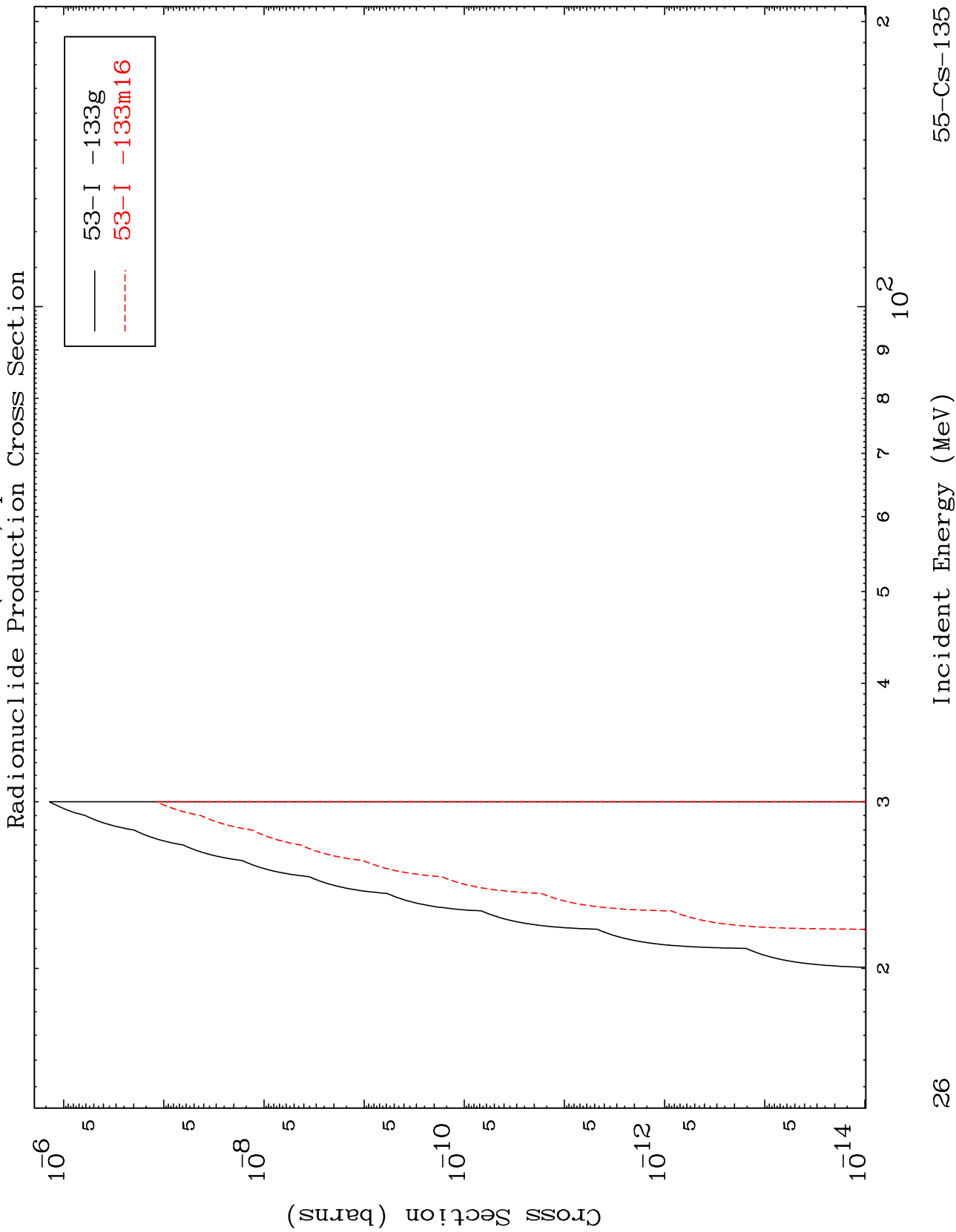
Incident Energy (MeV)

55-Cs-135

Radionuclide Production Cross Section



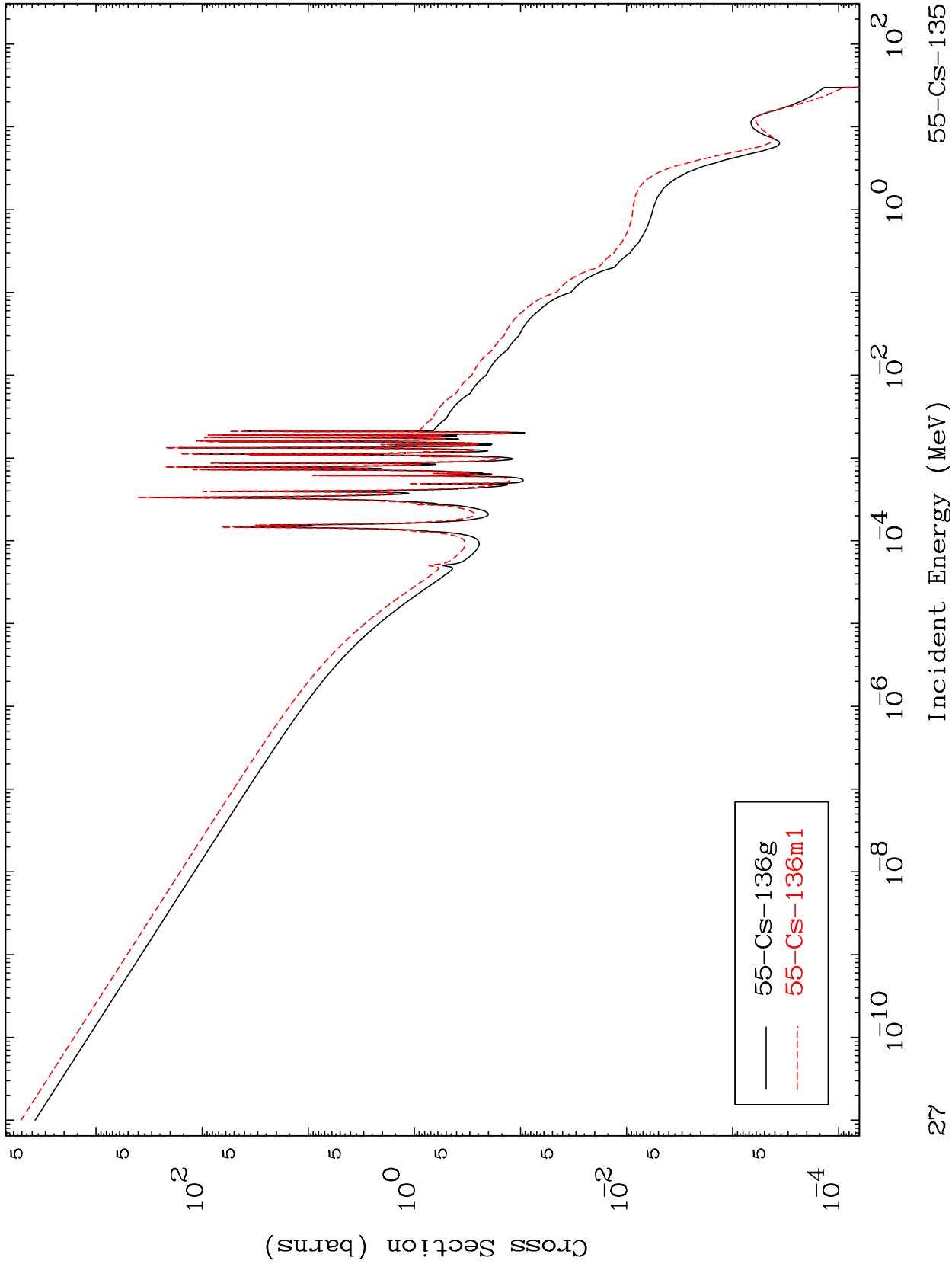
54-Xe-133g
54-Xe-133m1



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55-Cs-135

(n, γ)
Radionuclide Production Cross Section

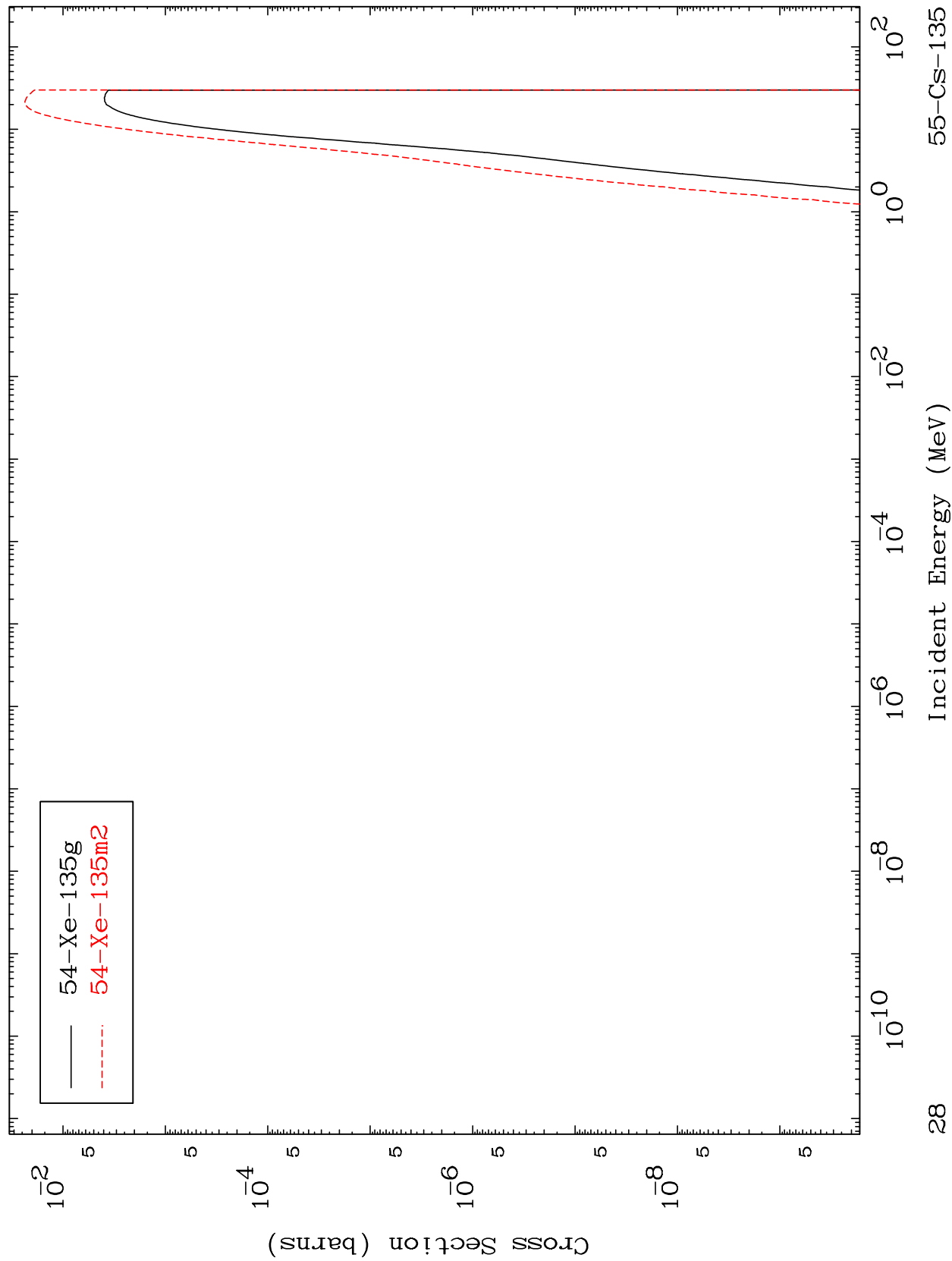


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55-Cs-135

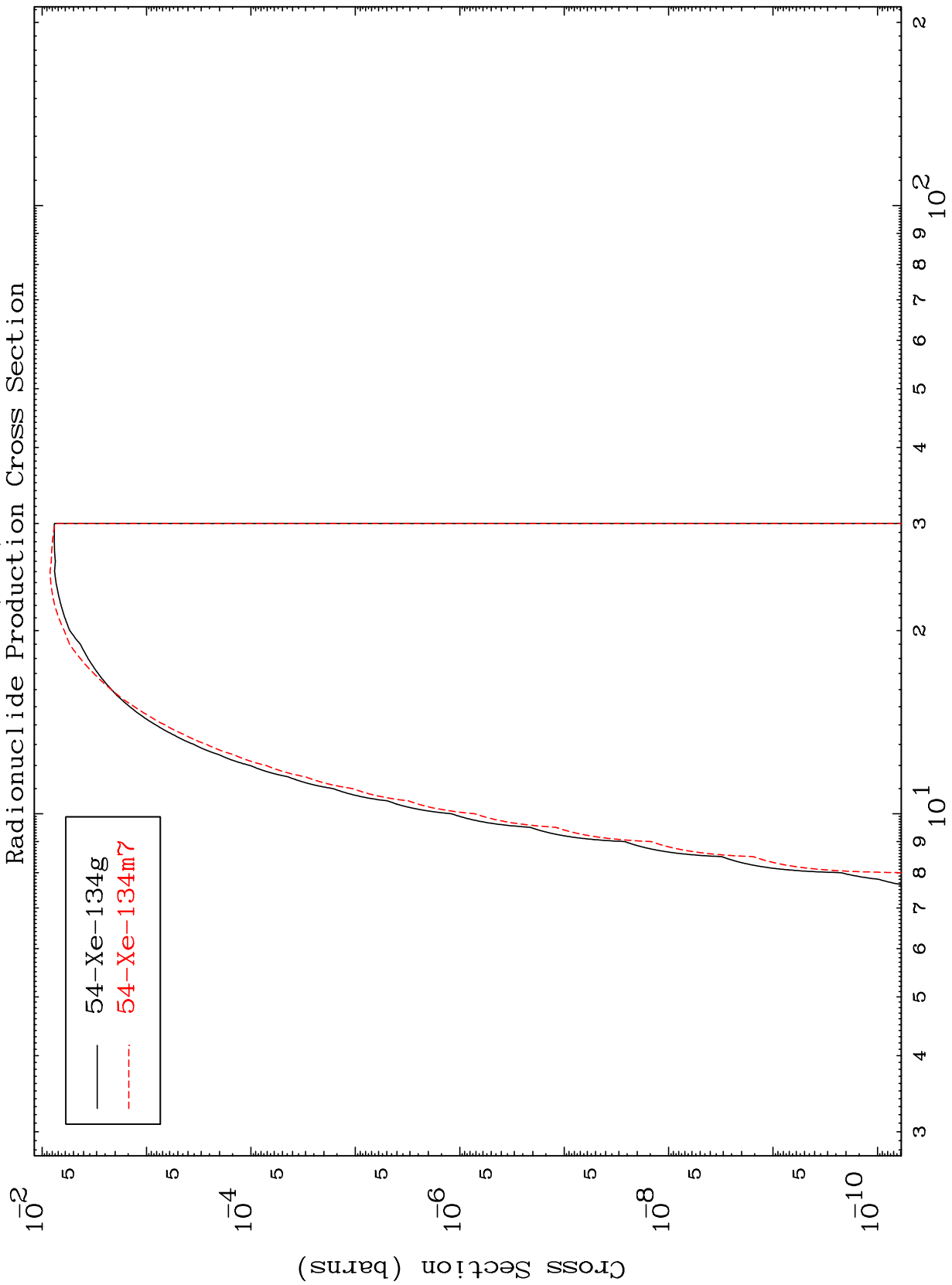
(n,p)
Radionuclide Production Cross Section



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55-Cs-135

(n,d)
Radionuclide Production Cross Section



— 54-Xe-134g
- - - 54-Xe-134m7

55-Cs-135

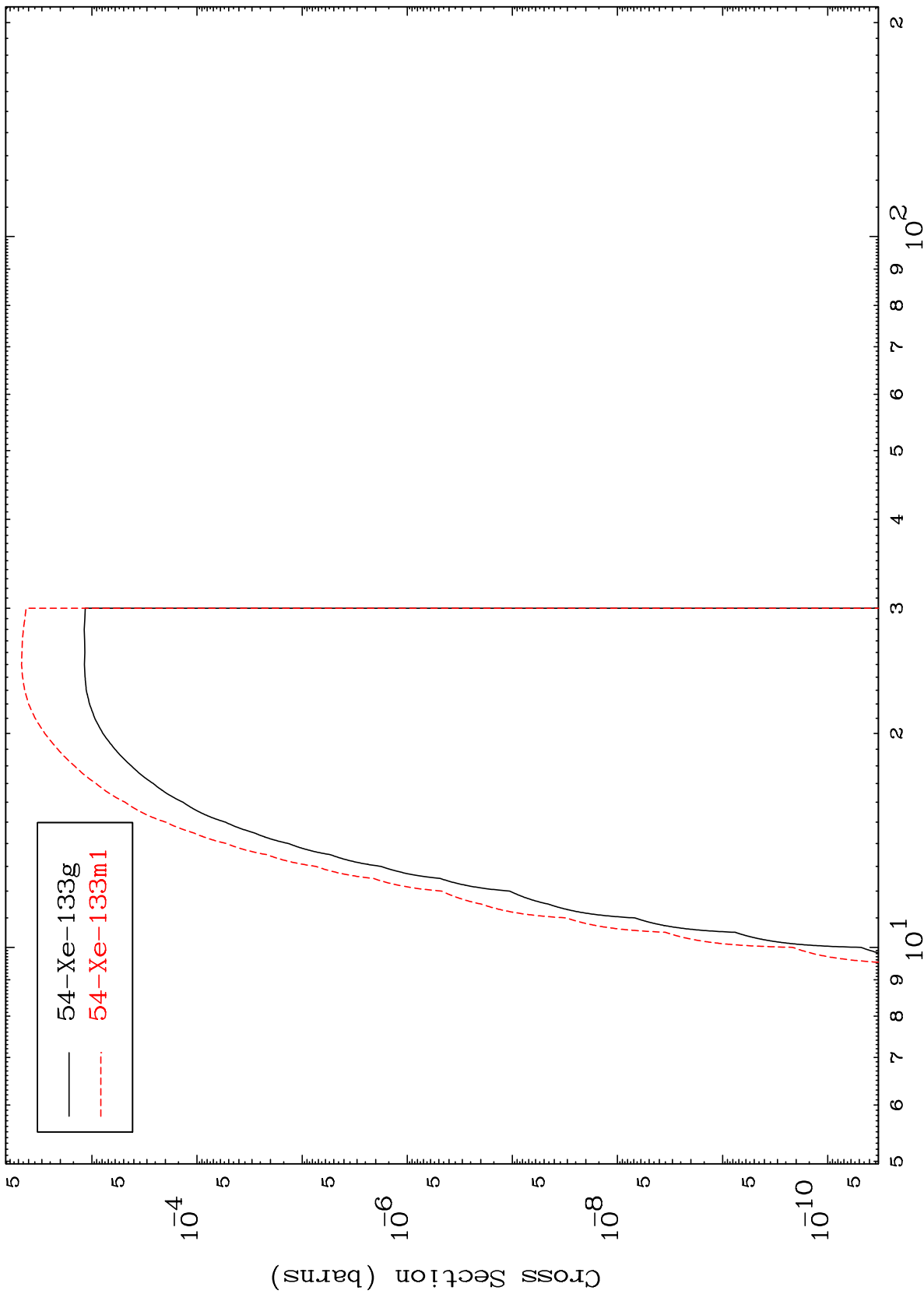
Incident Energy (MeV)

29

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55-Cs-135

(n,t)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

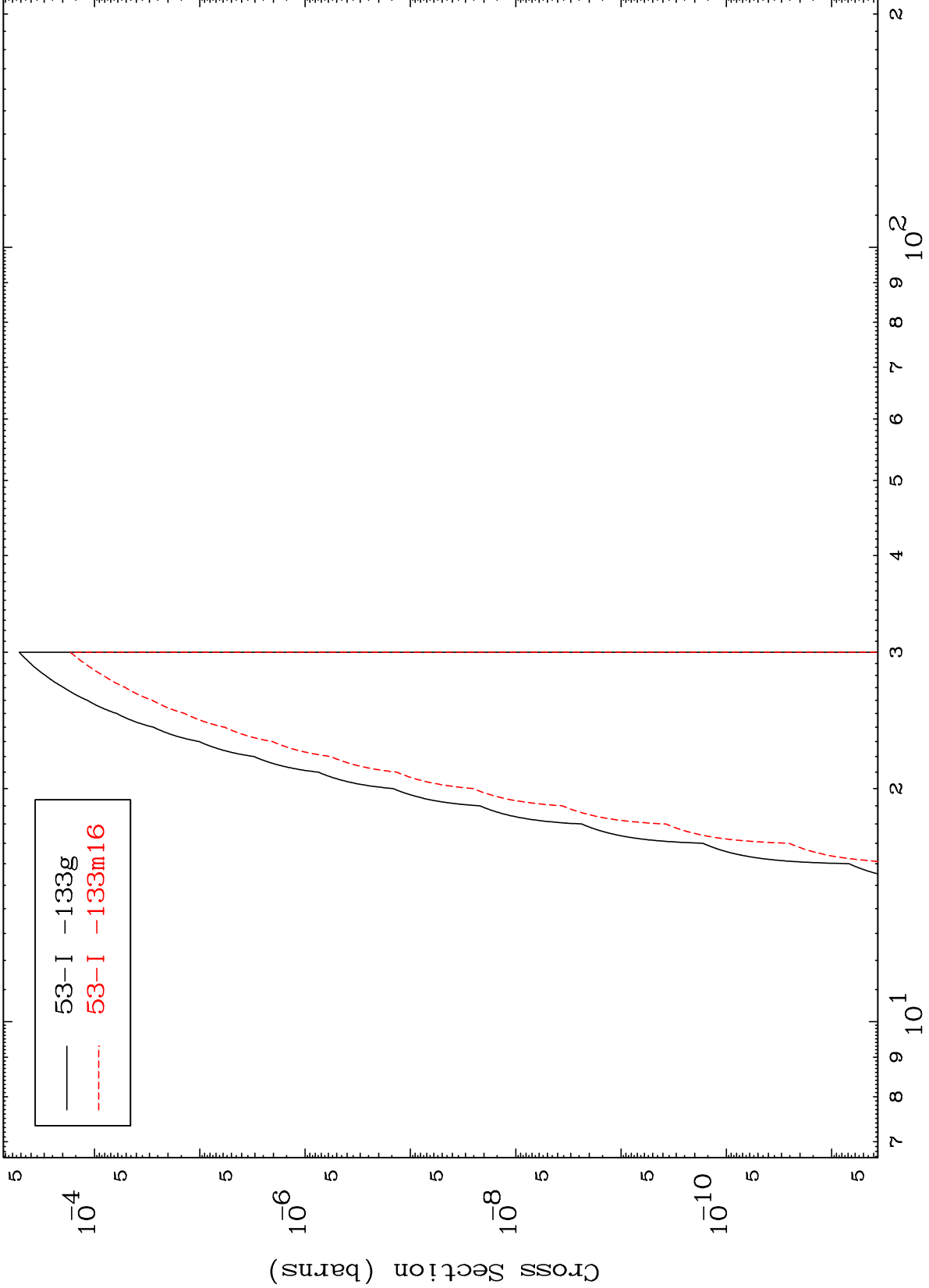
55-Cs-135

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(n,He-3)

55-Cs-135

Radionuclide Production Cross Section

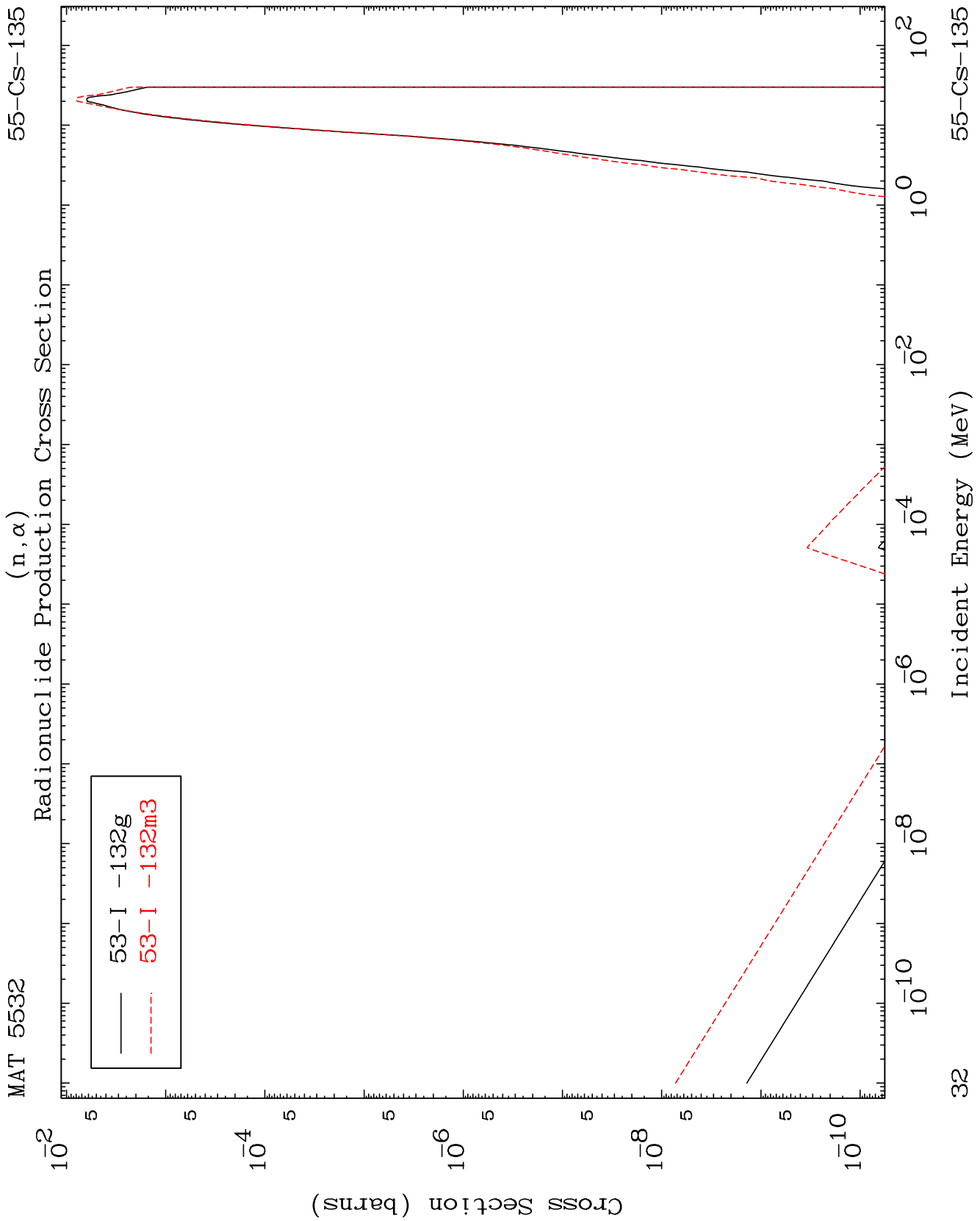


53-I-133g
53-I-133m16

31

Incident Energy (MeV)

55-Cs-135

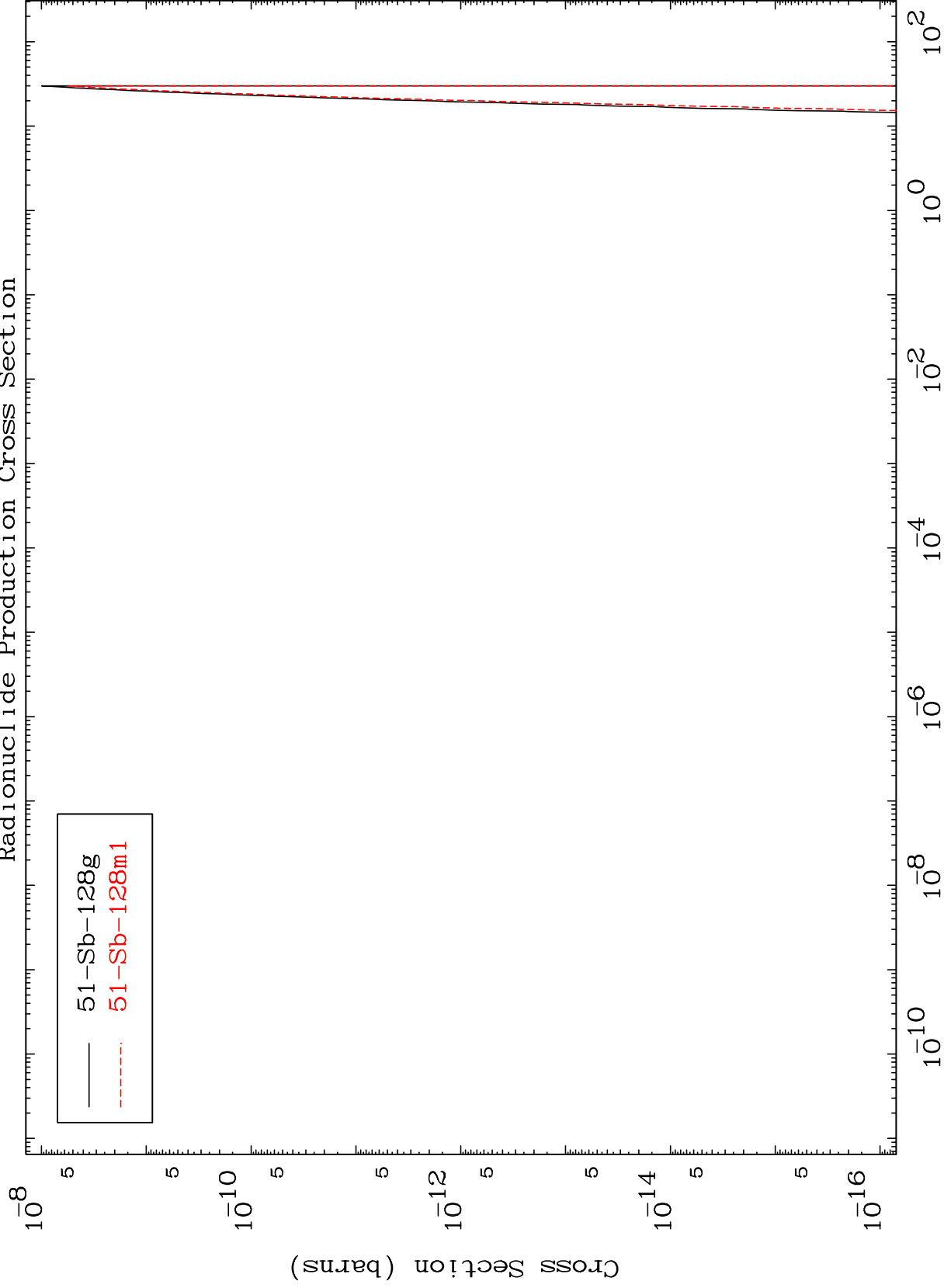


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(n,2α)

55-Cs-135

Radionuclide Production Cross Section



33

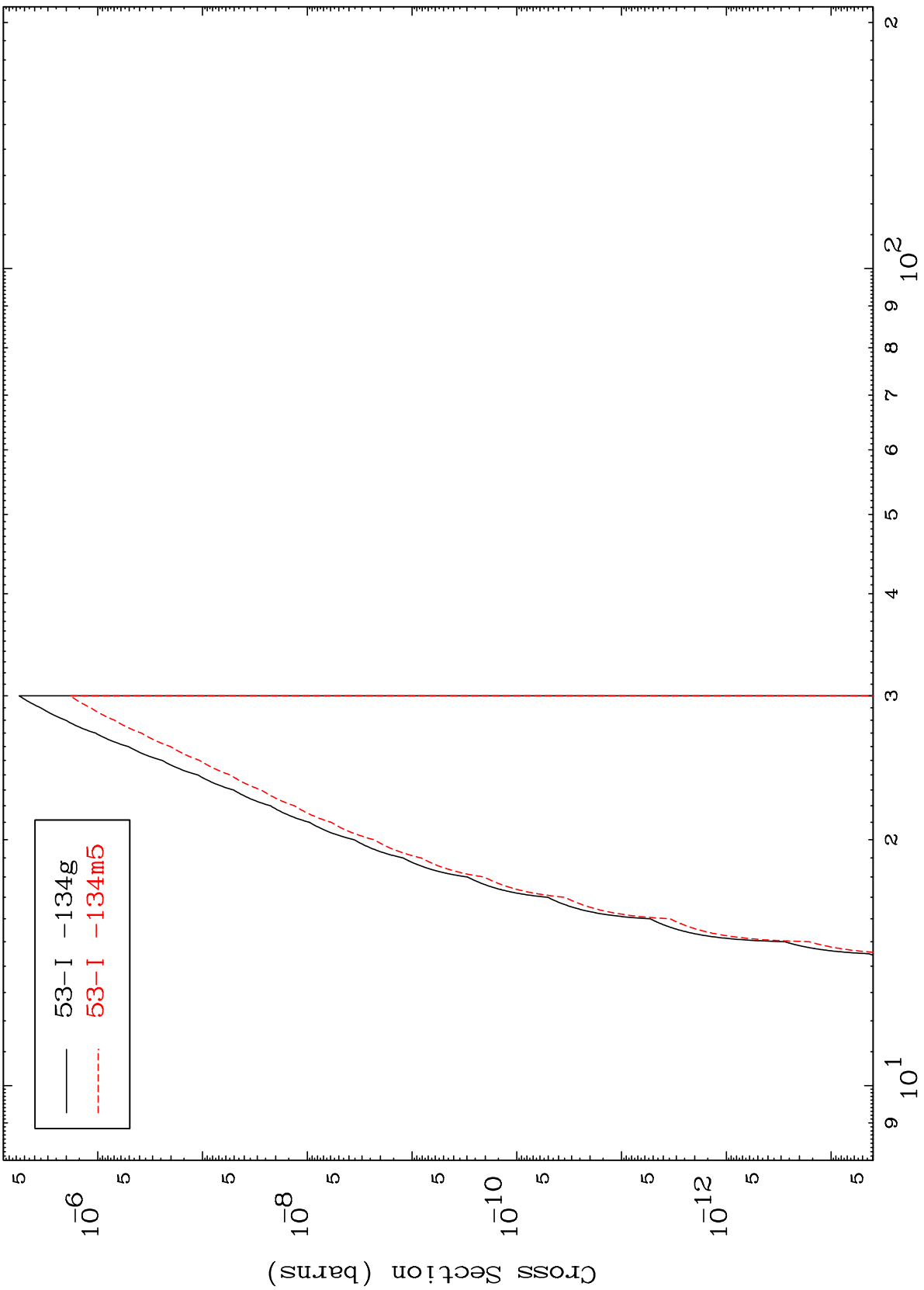
Incident Energy (MeV)

55-Cs-135

MAT 5532

55-Cs-135

(n,2p)
Radionuclide Production Cross Section



53-I -134g
53-I -134m5

55-Cs-135

Incident Energy (MeV)

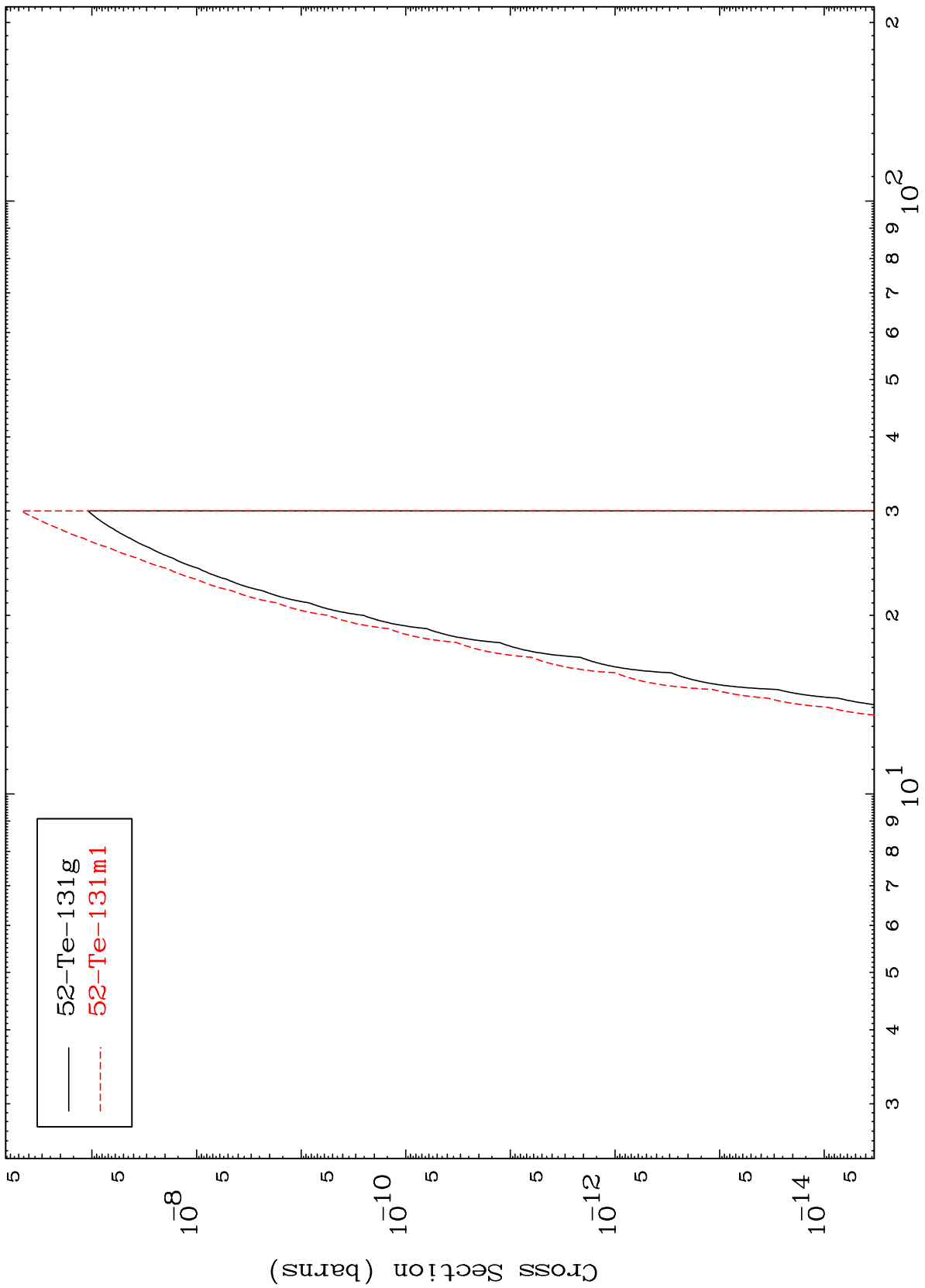
34

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(n,p) α

55-Cs-135

Radionuclide Production Cross Section



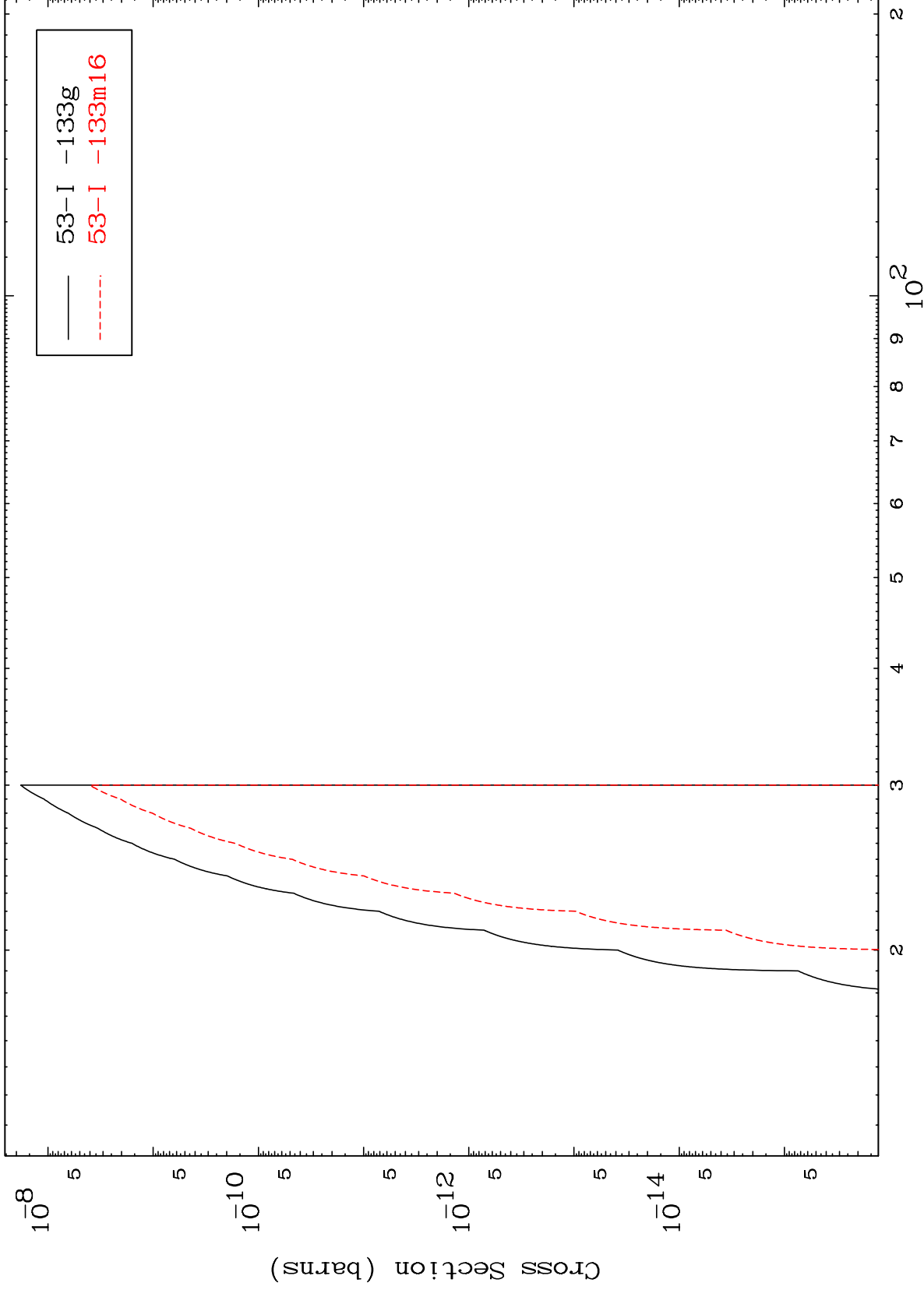
— 52-Te-131g
- - - 52-Te-131m1

35

Incident Energy (MeV)

55-Cs-135

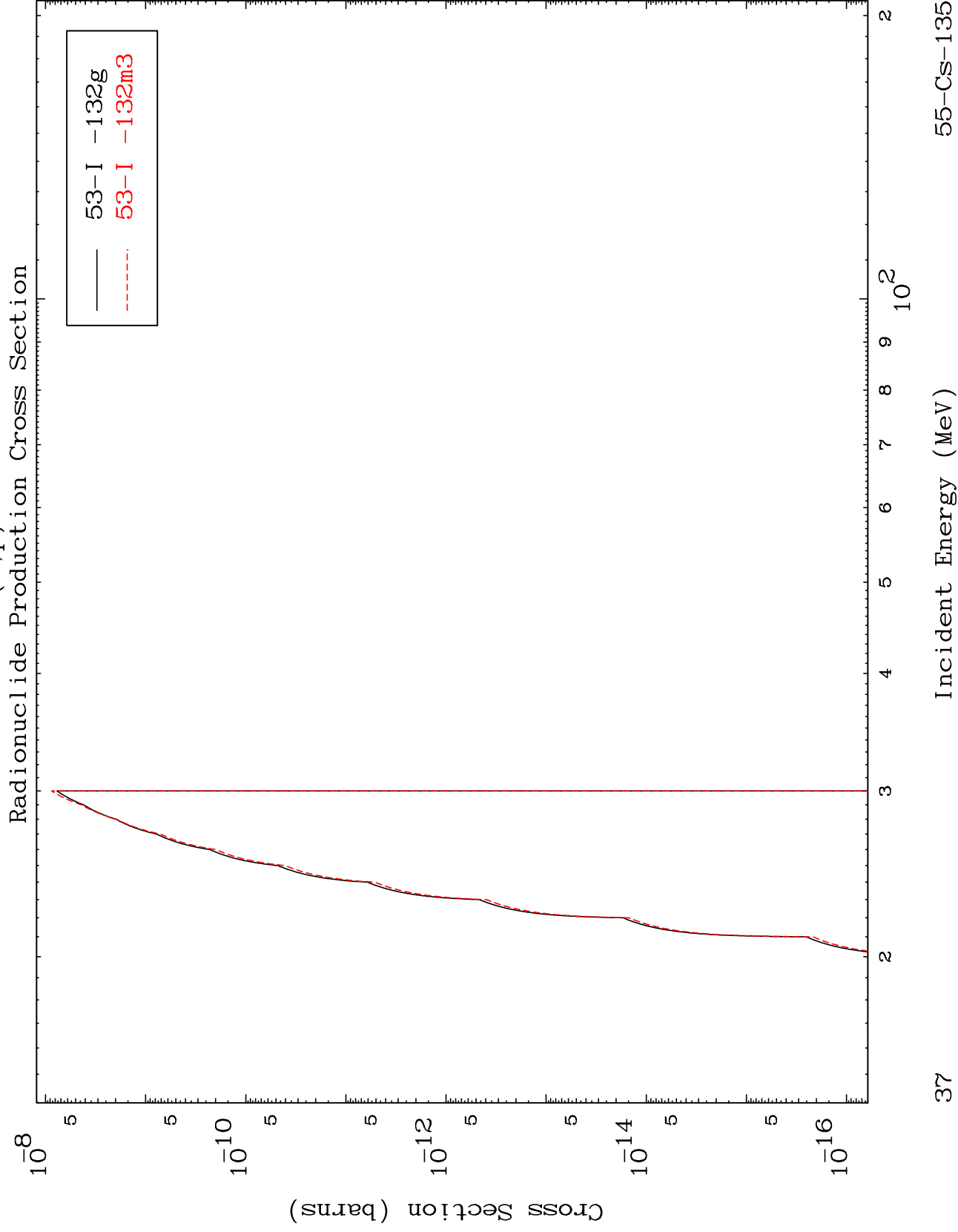
Radionuclide Production Cross Section



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(n,p) t

55-Cs-135



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55-Cs-135