

Program EVALPLOT
(Version 2021-1)

by

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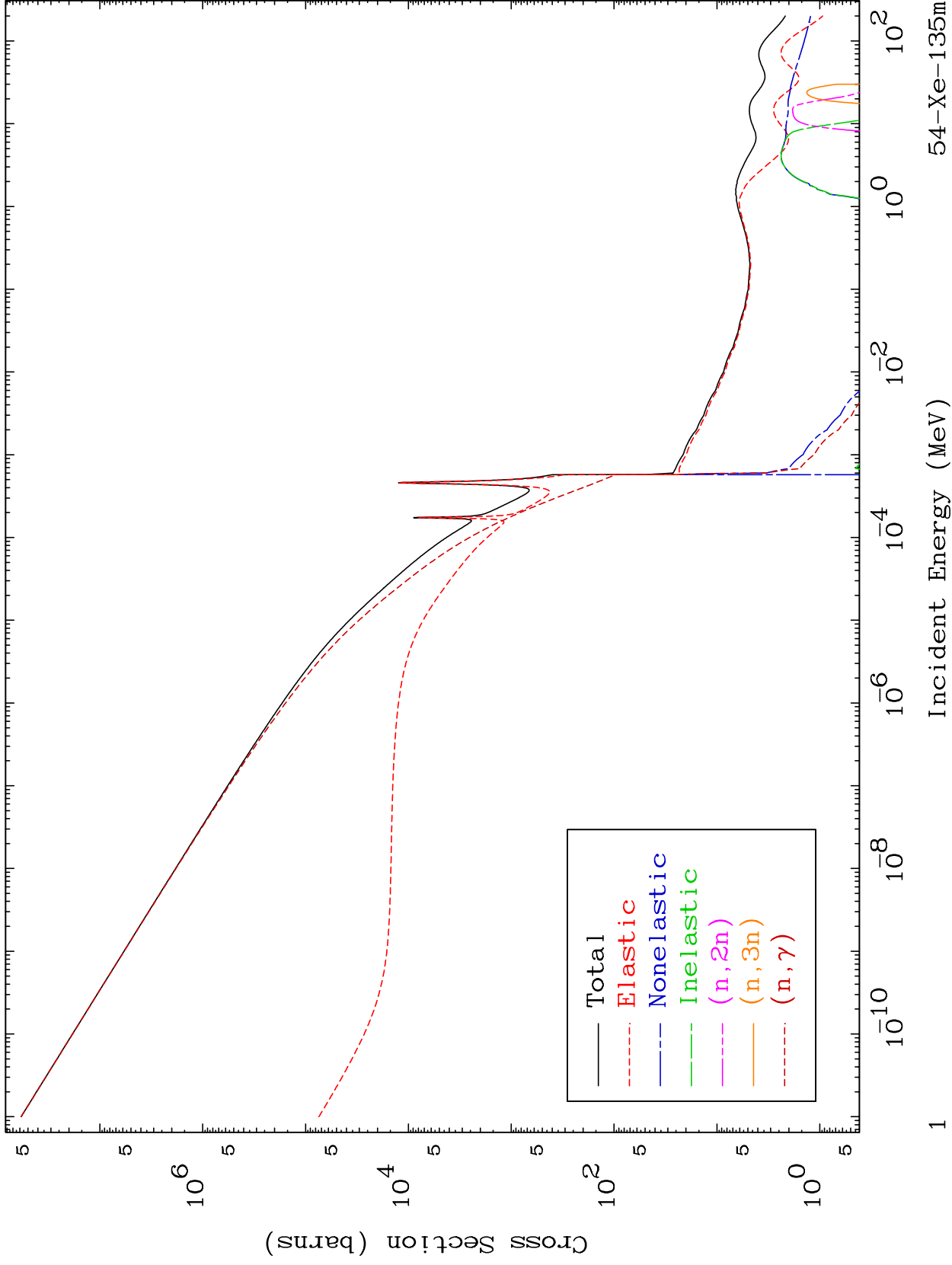
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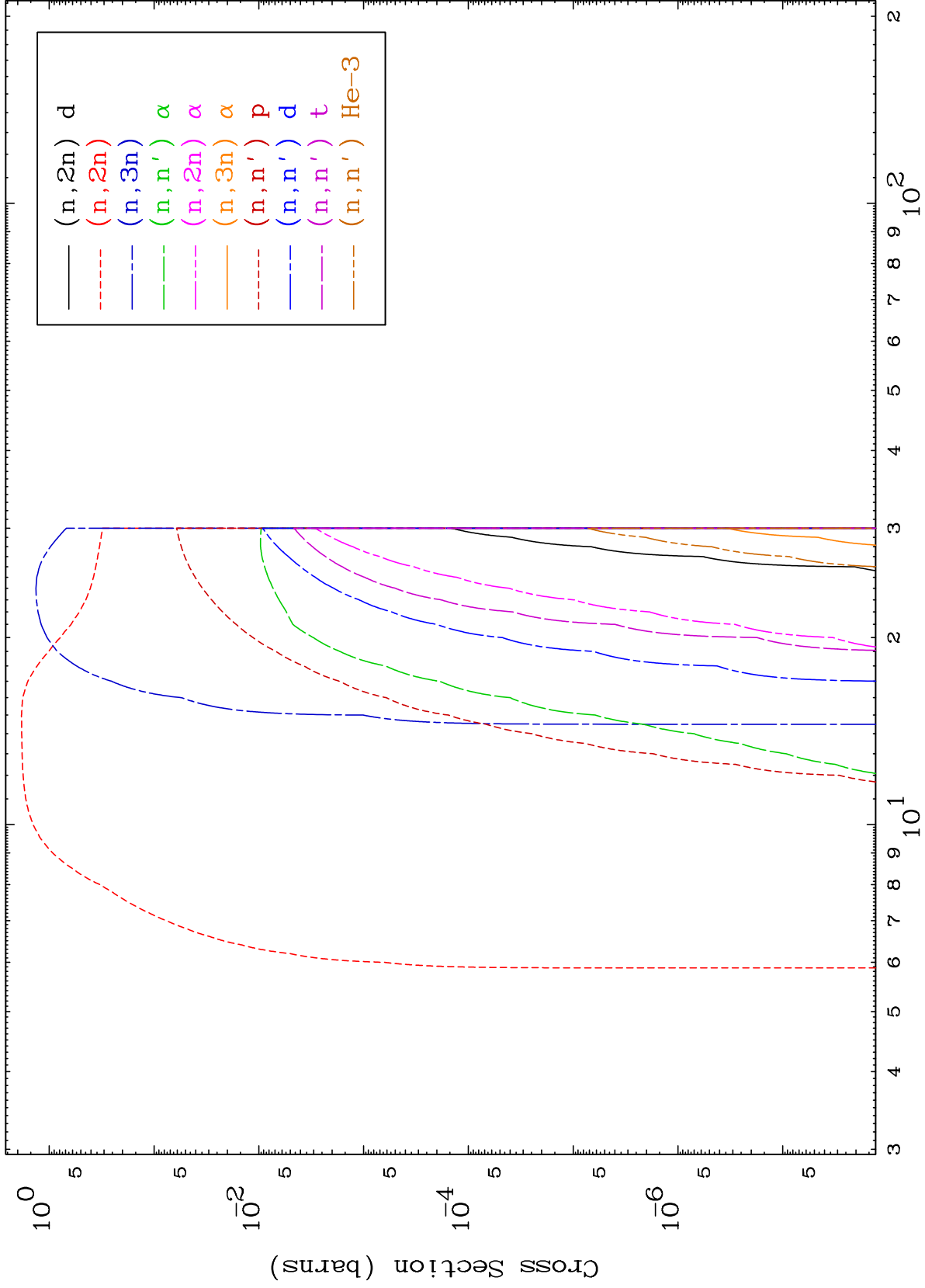
Press Mouse Button to Start

MAT 5459

Neutron Major
293 Kelvin Cross Sections

54-Xe-135m

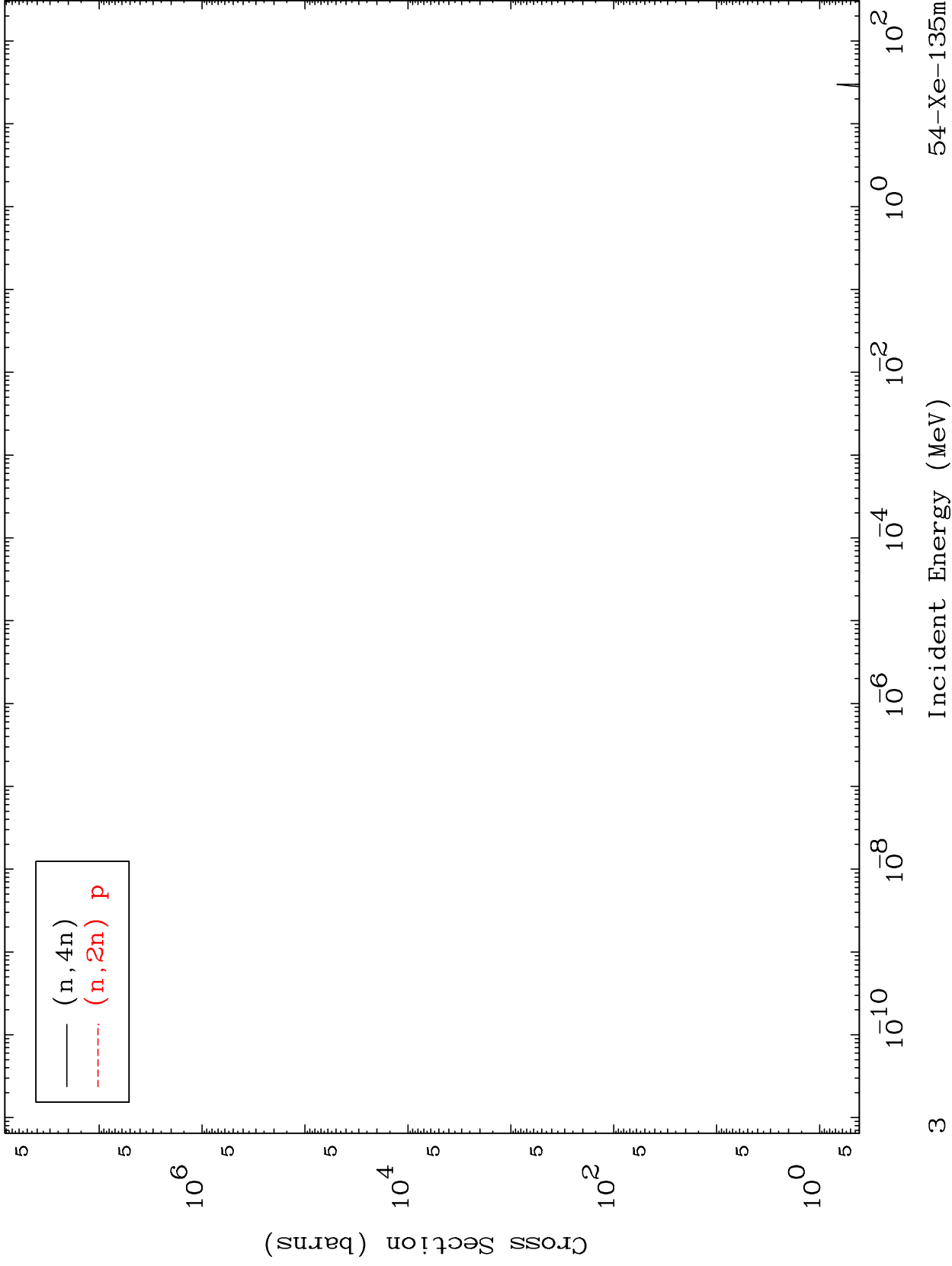




MAT 5459

Neutron Absorption
293 Kelvin Cross Sections

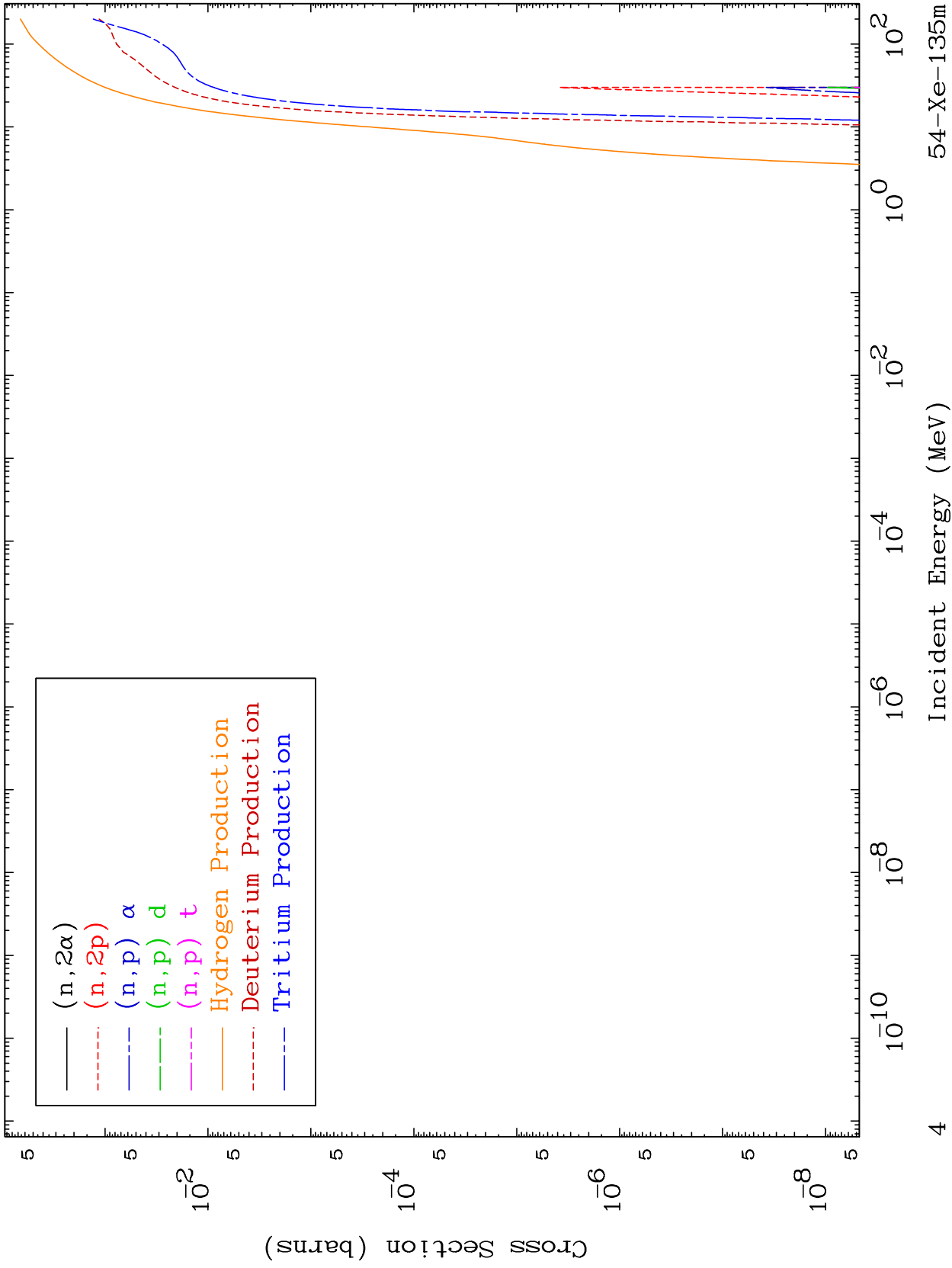
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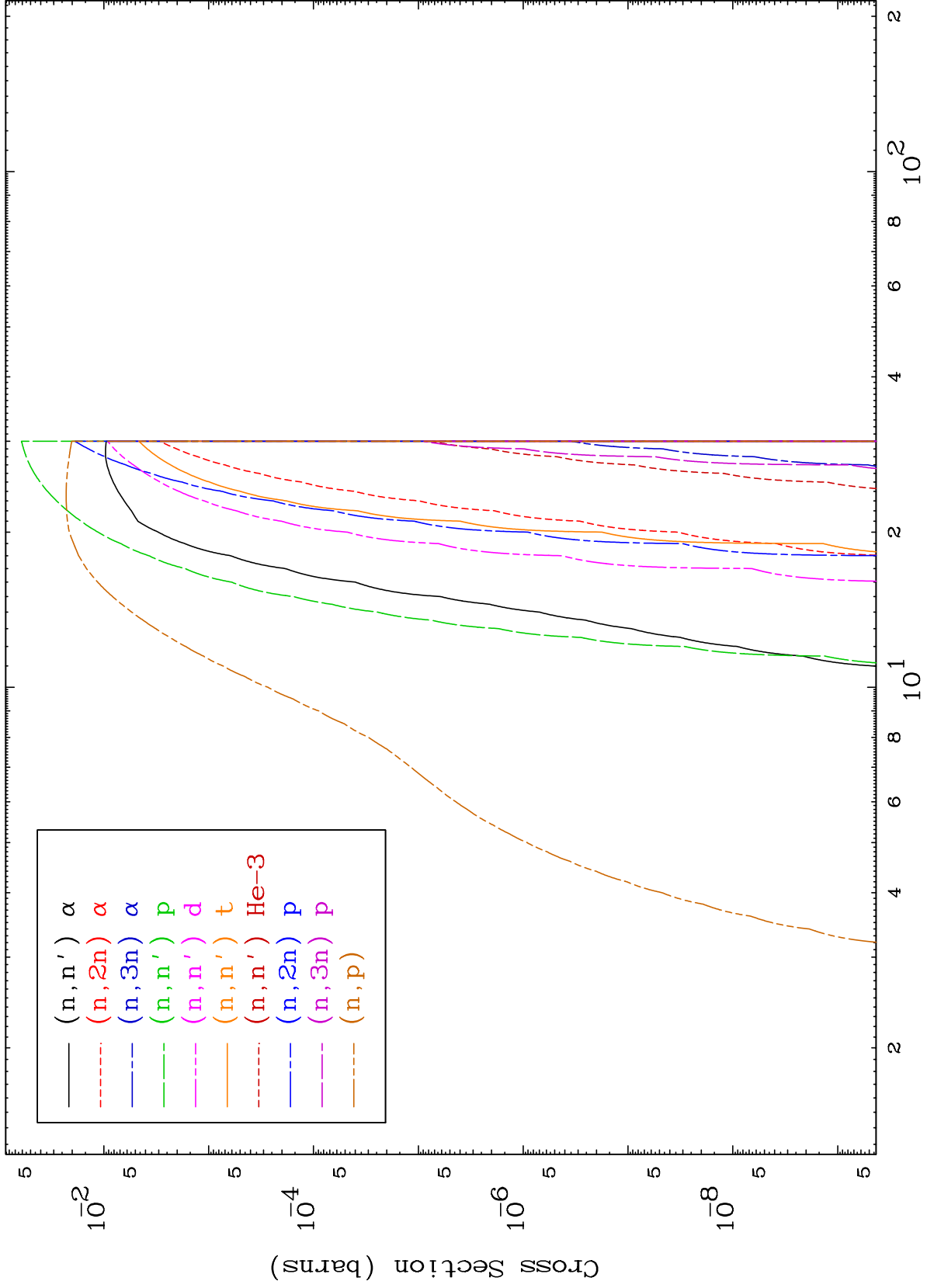


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Neutron Absorption
293 Kelvin Cross Sections

54-Xe-135m

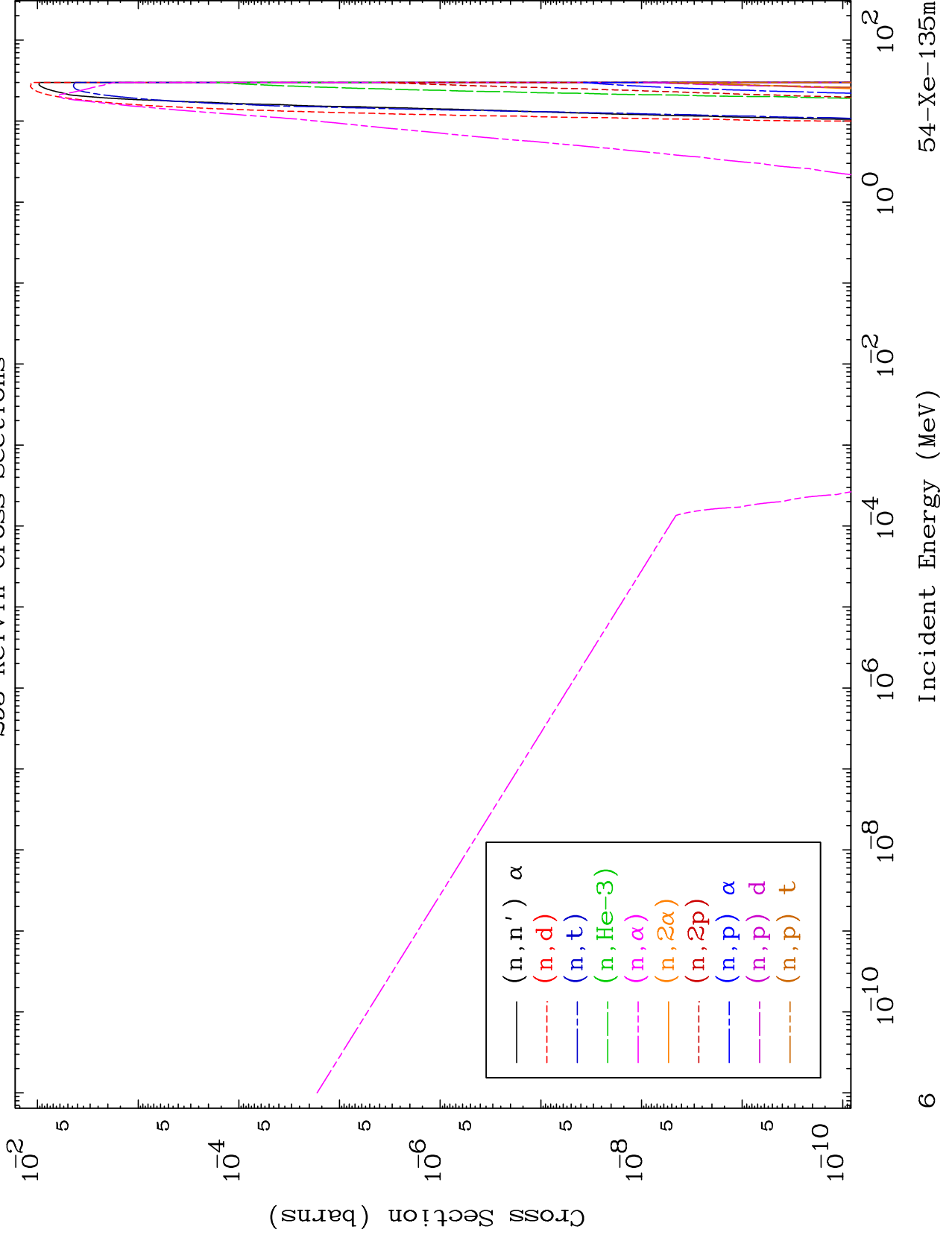




MAT 5459

Charged Particle
293 Kelvin Cross Sections

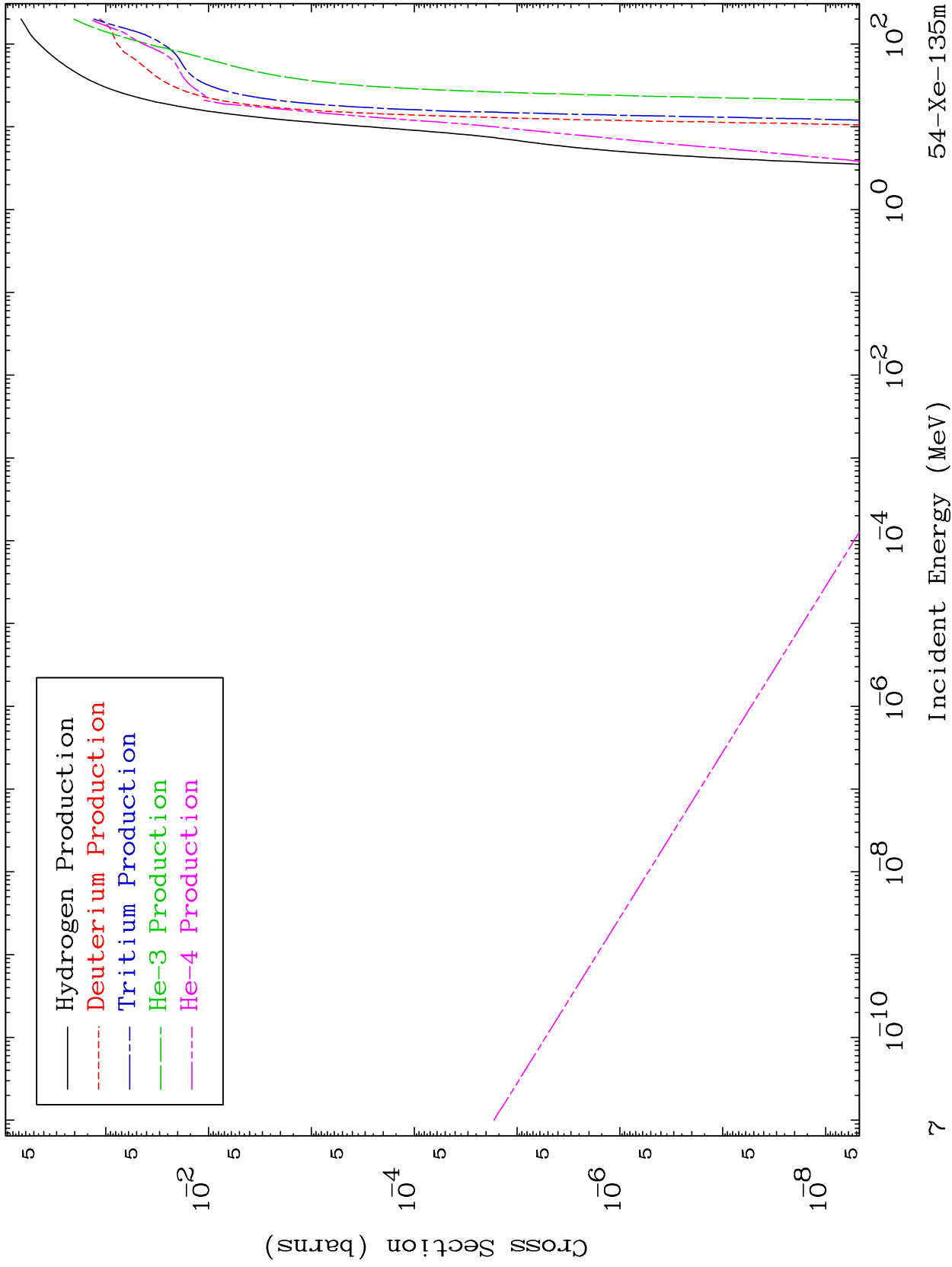
54-Xe-135m



MAT 5459

Particle Production
293 Kelvin Cross Sections

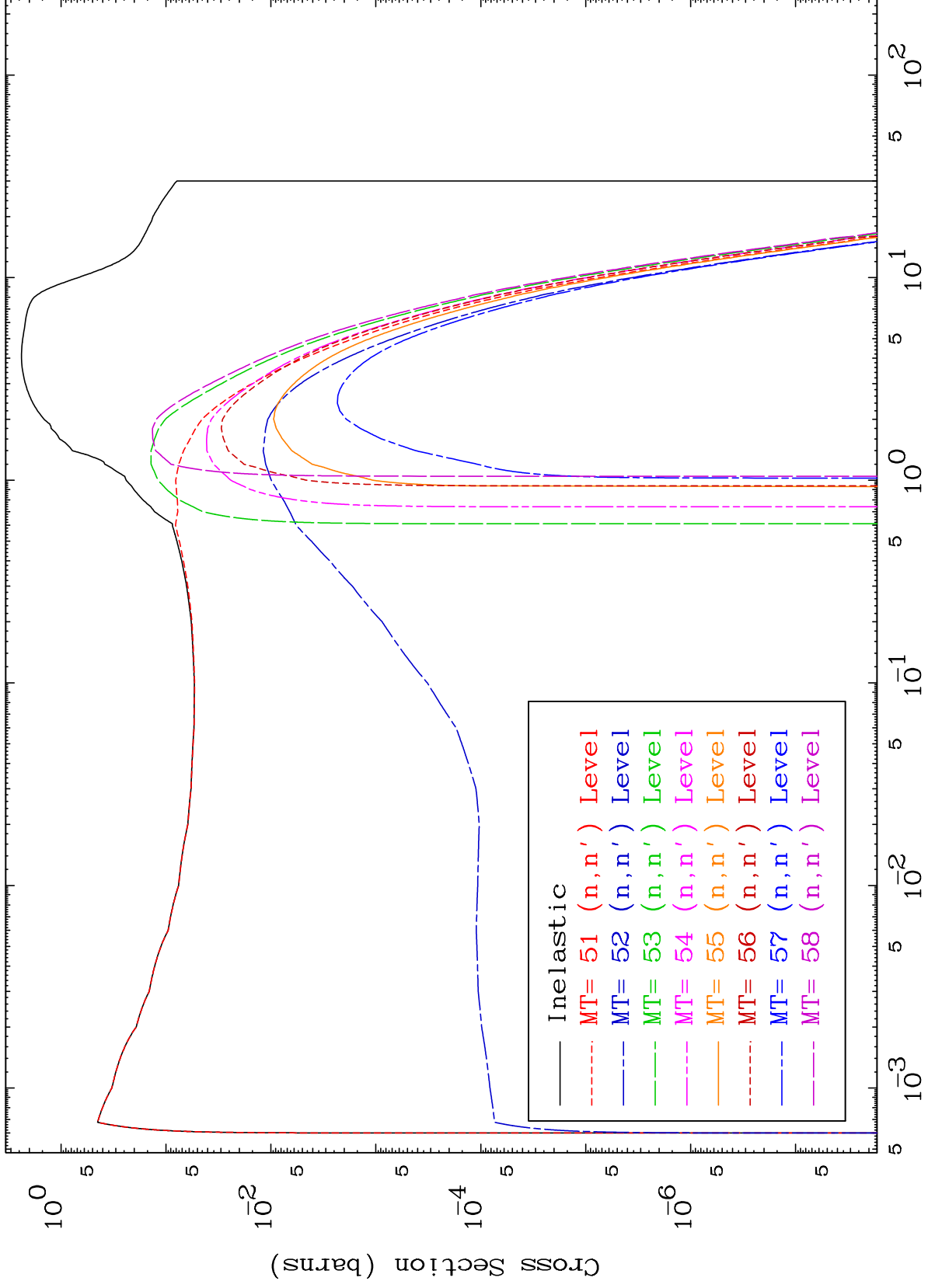
54-Xe-135m



MAT 5459

(n,n') Levels
293 Kelvin Cross Sections

54-Xe-135m



8

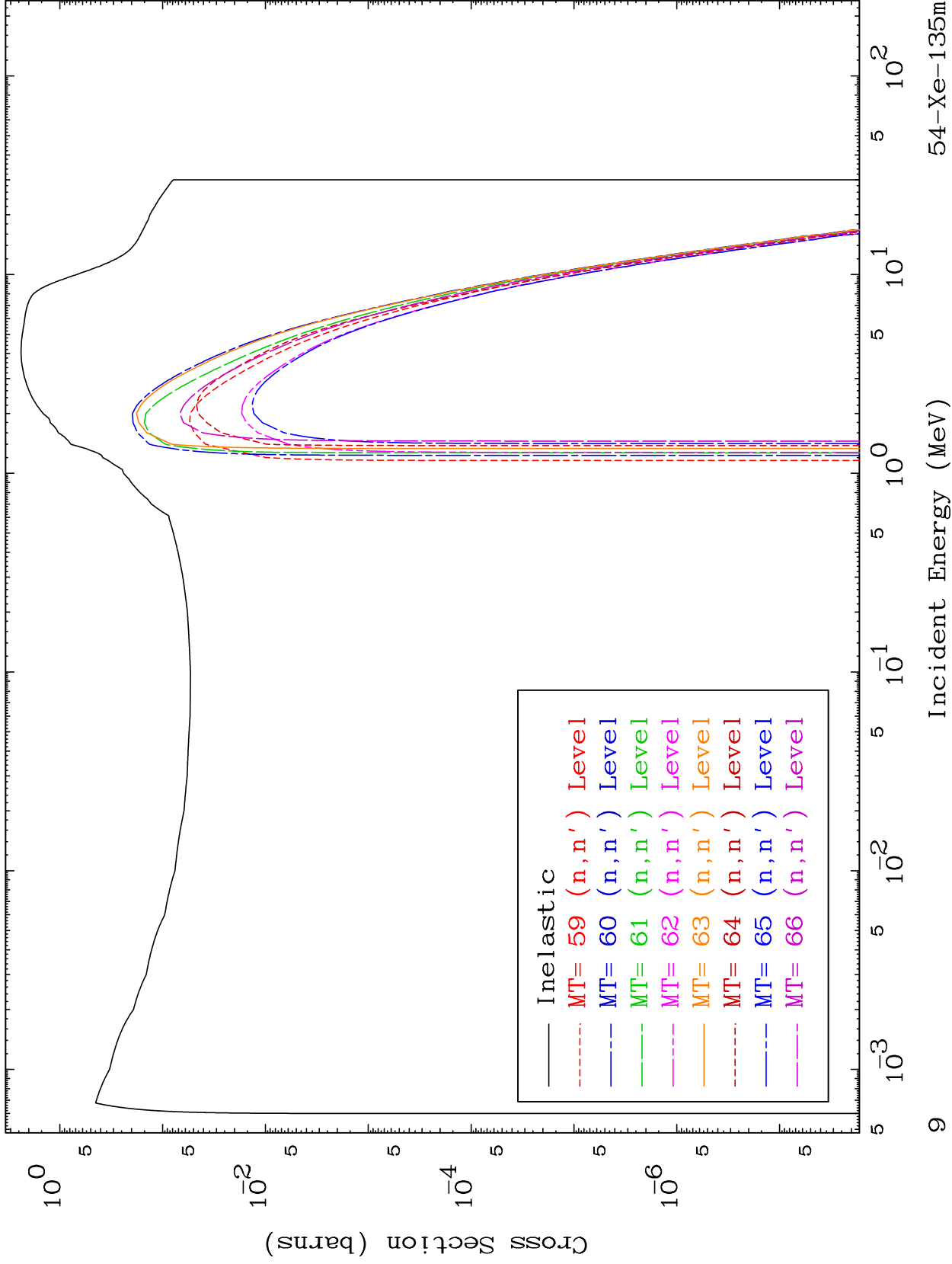
Incident Energy (MeV)

54-Xe-135m

MAT 5459

(n,n') Levels
293 Kelvin Cross Sections

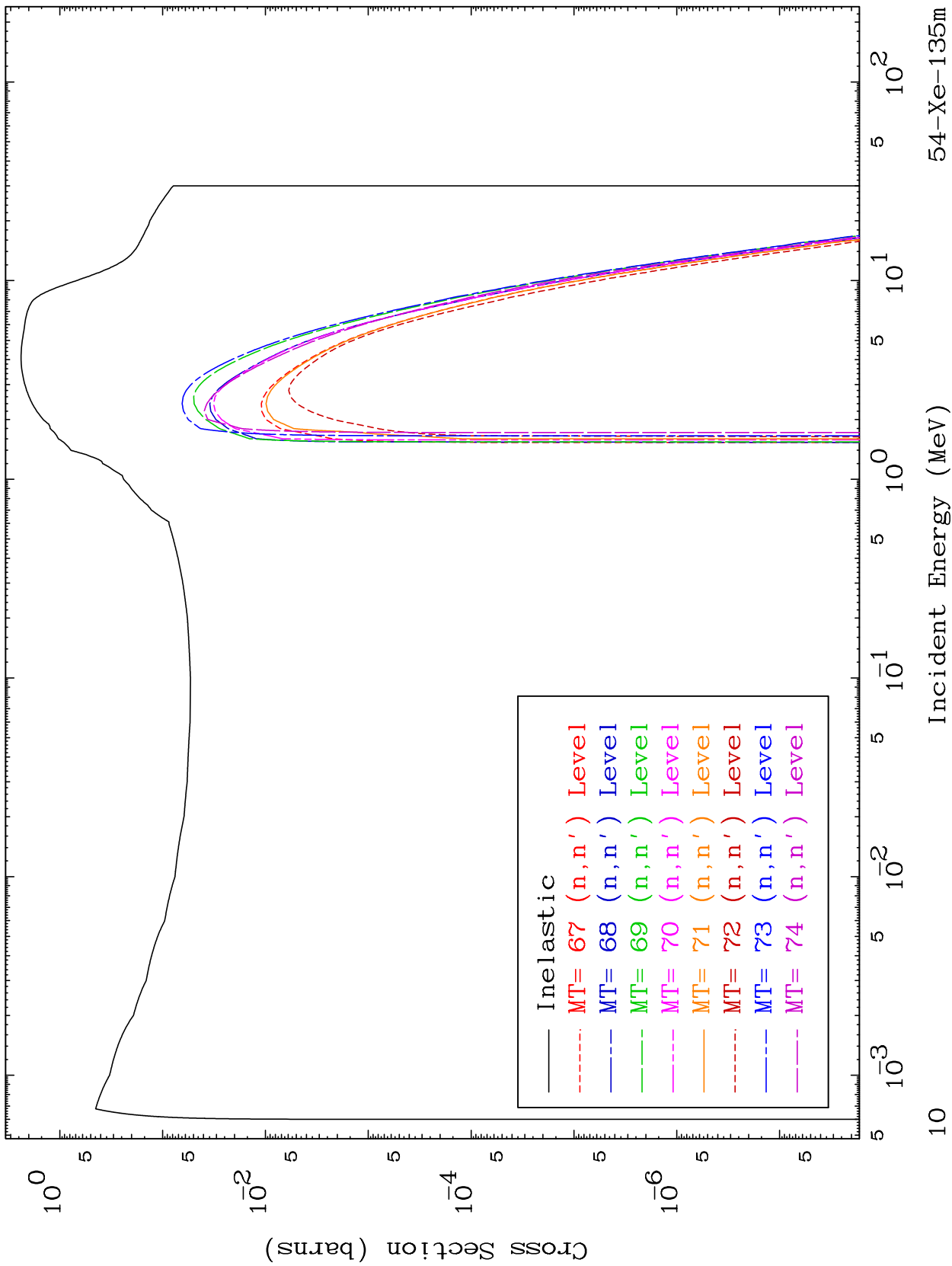
54-Xe-135m



MAT 5459

(n,n') Levels
293 Kelvin Cross Sections

54-Xe-135m



54-Xe-135m

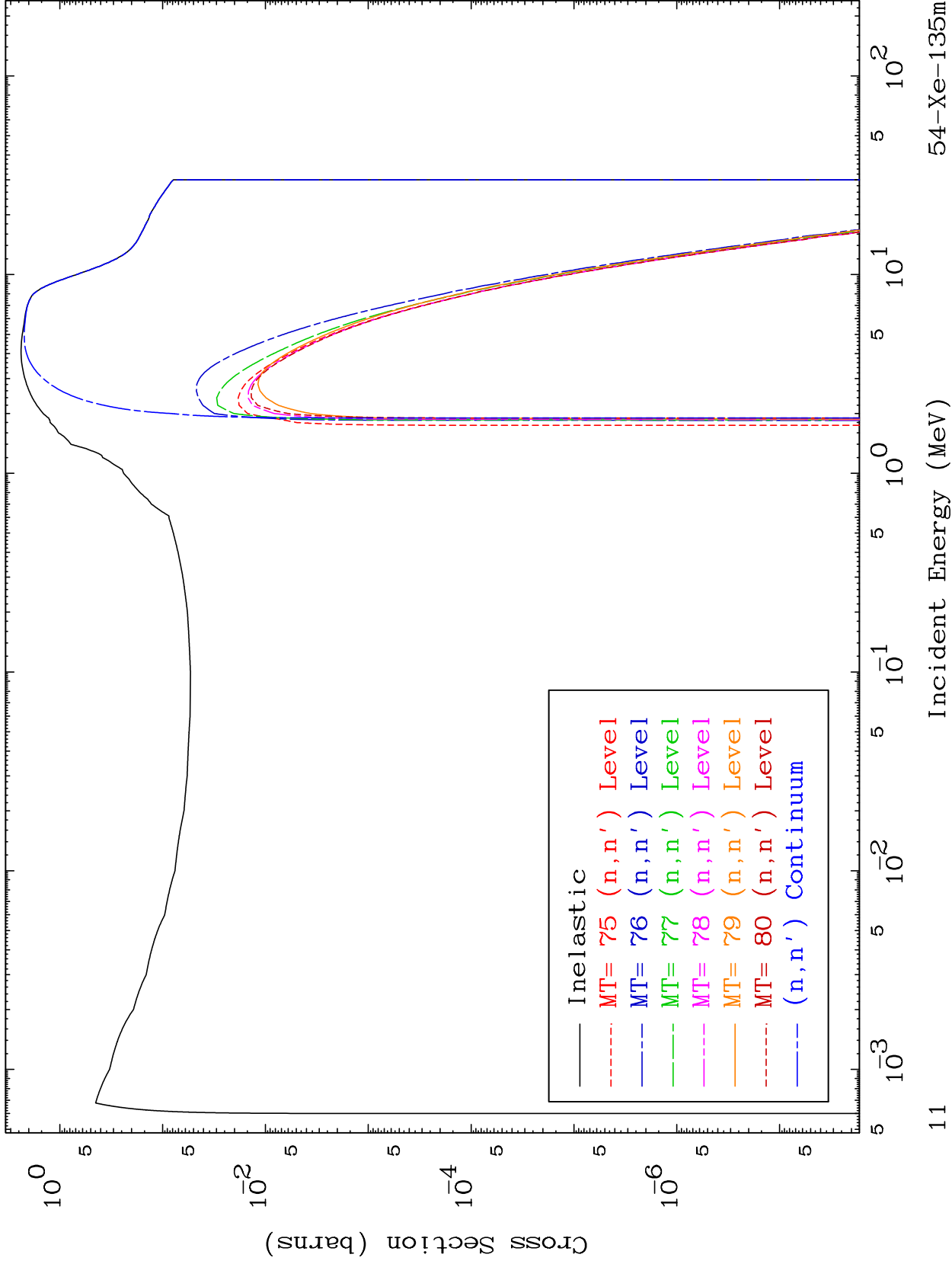
Incident Energy (MeV)

10

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(n,n') Levels
293 Kelvin Cross Sections

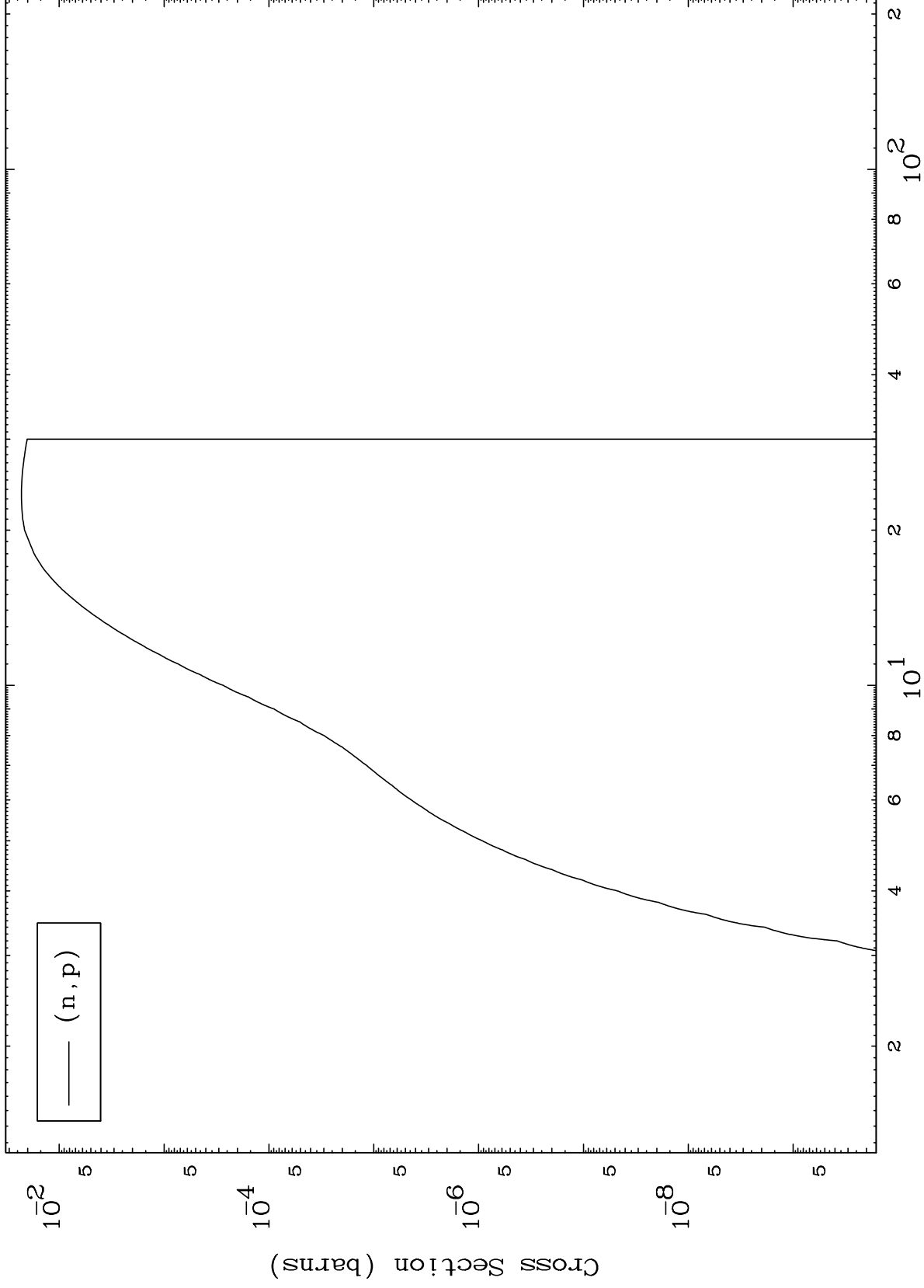
54-Xe-135m



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(n,p) Levels
293 Kelvin Cross Sections

54-Xe-135m



12

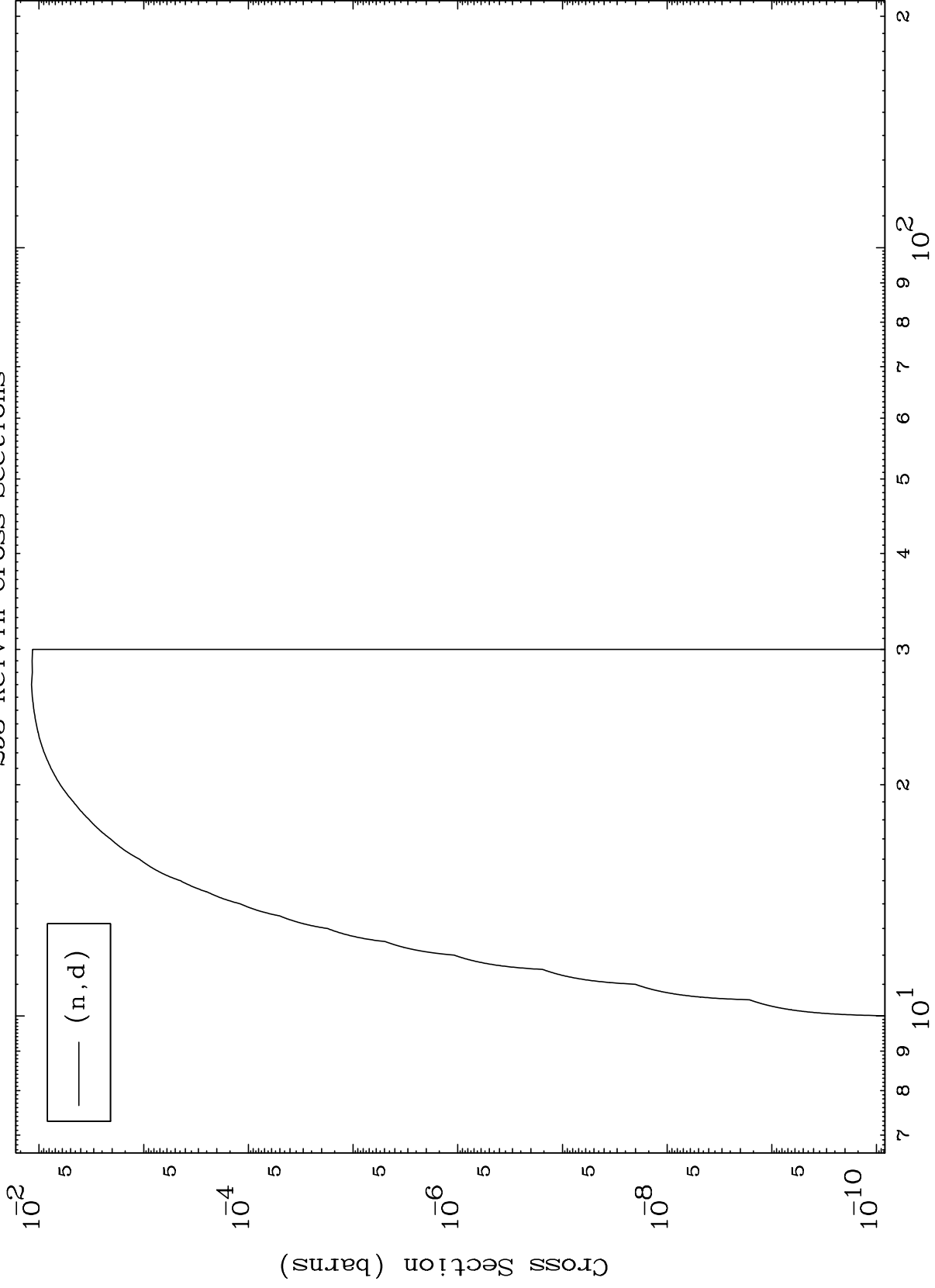
Incident Energy (MeV)

54-Xe-135m

MAT 5459

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-135m



(n,d)

13

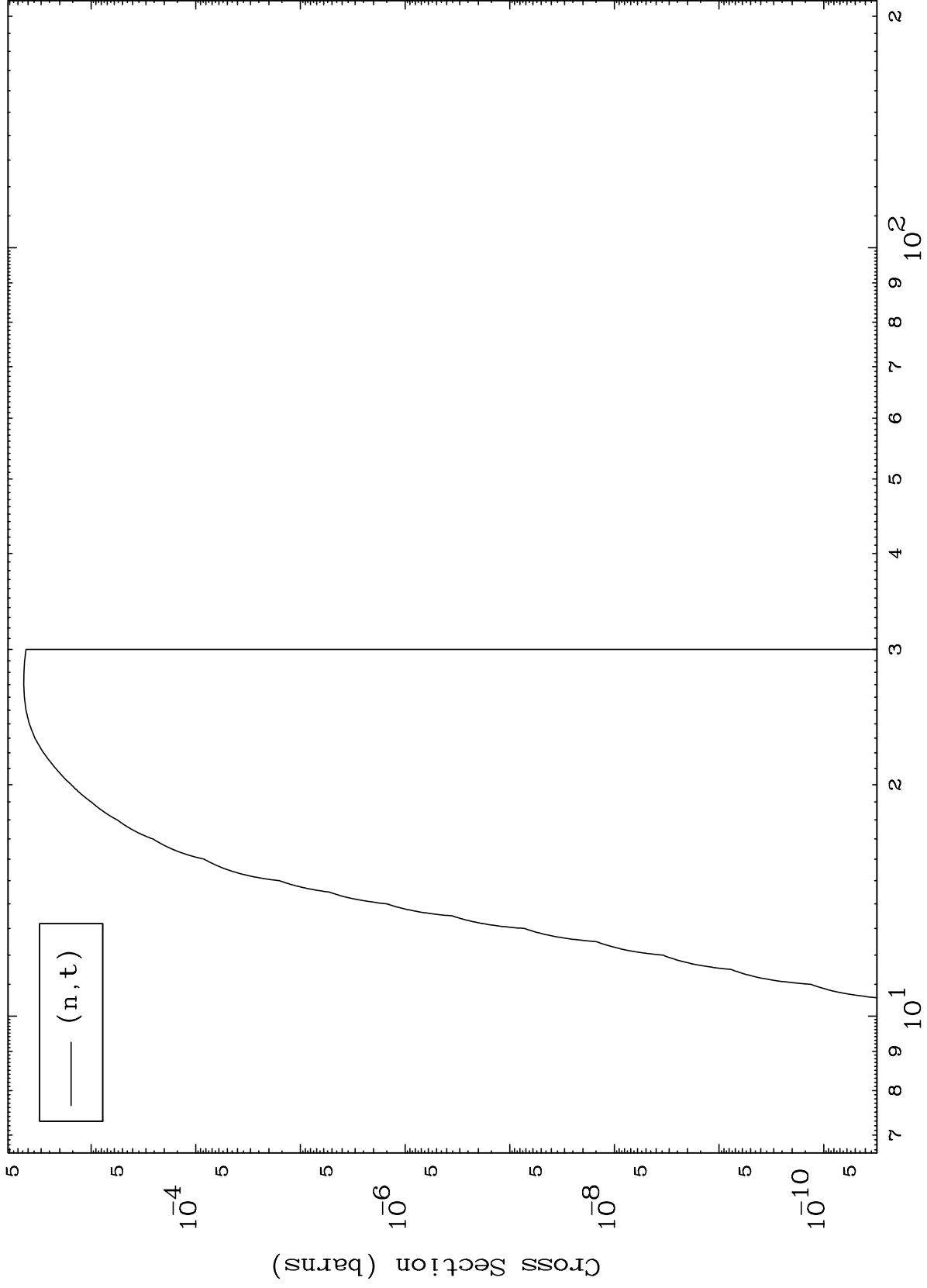
Incident Energy (MeV)

54-Xe-135m

MAT 5459

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-135m



14

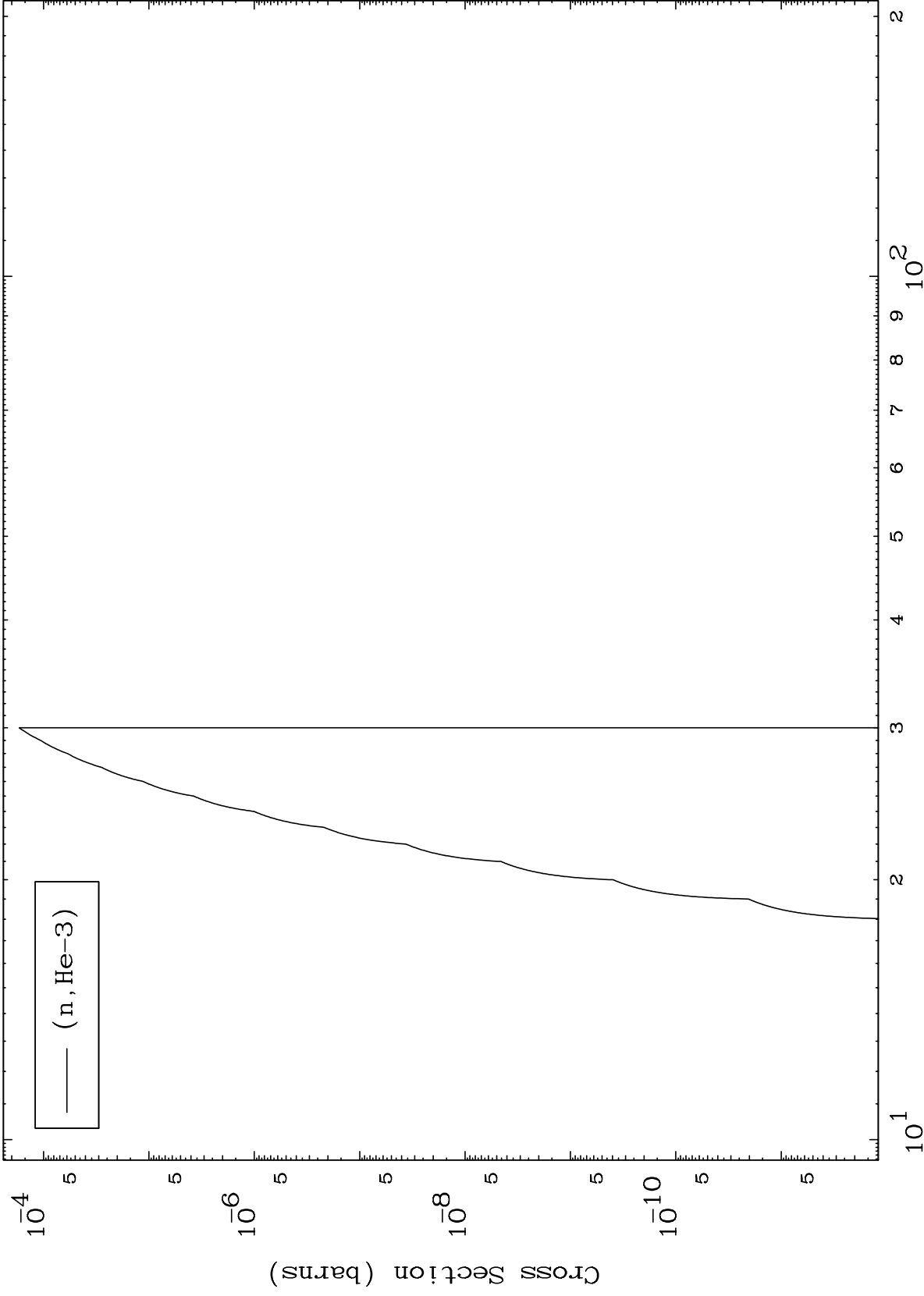
Incident Energy (MeV)

54-Xe-135m

MAT 5459

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-135m



15

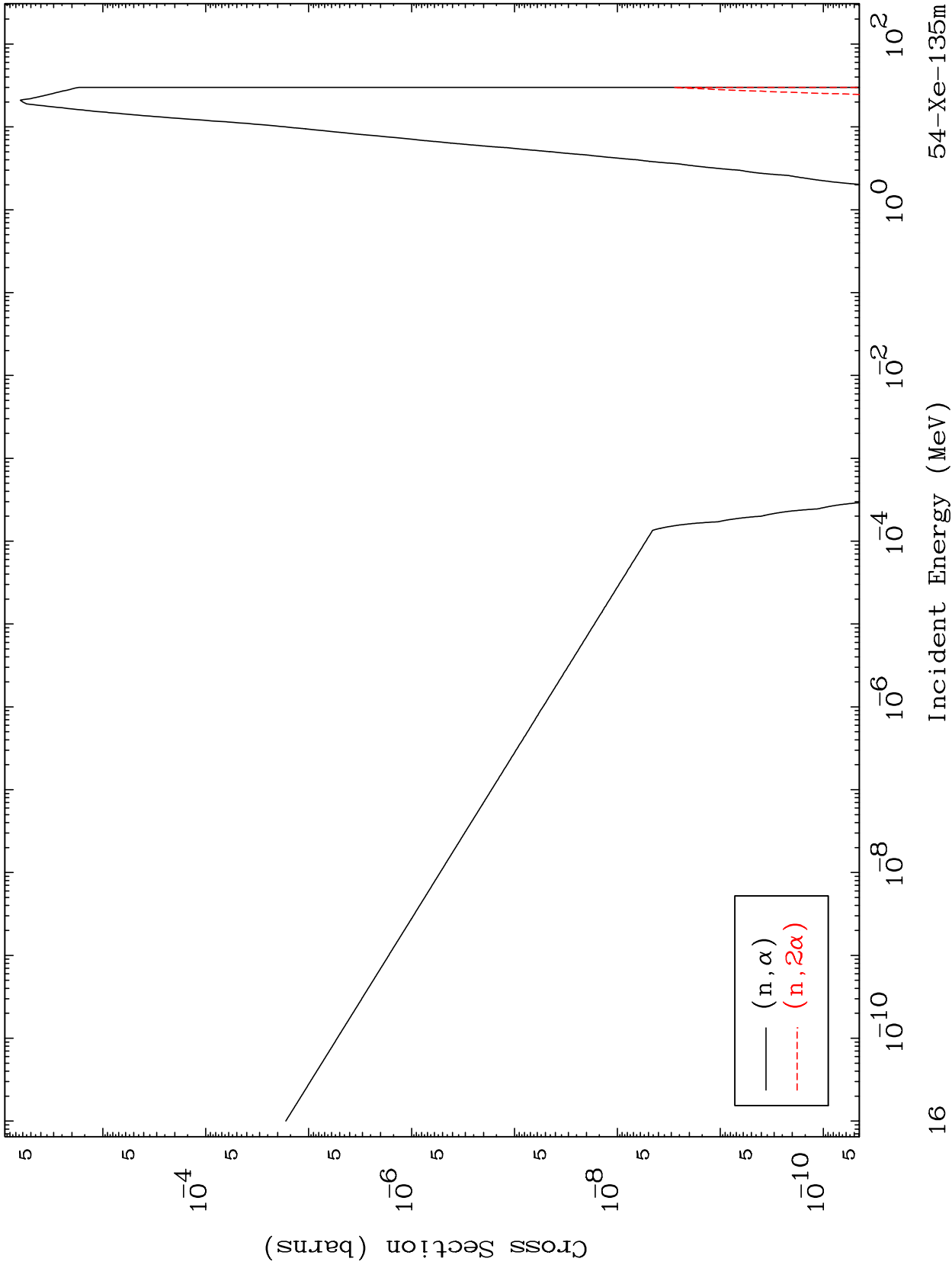
Incident Energy (MeV)

54-Xe-135m

MAT 5459

(n, α) Levels
293 Kelvin Cross Sections

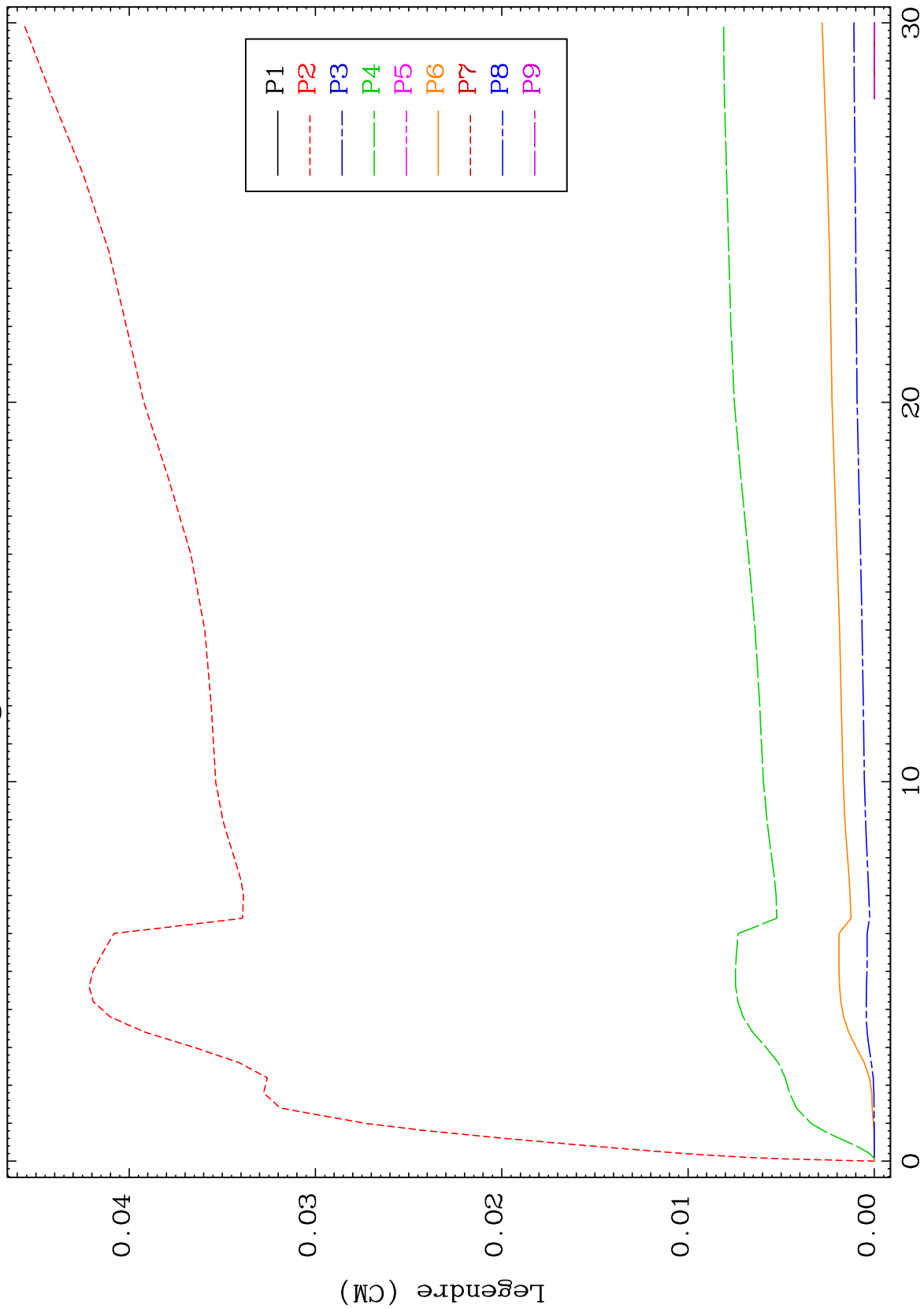
54-Xe-135m



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Elastic Legendre Coefficients

54-Xe-135m



17

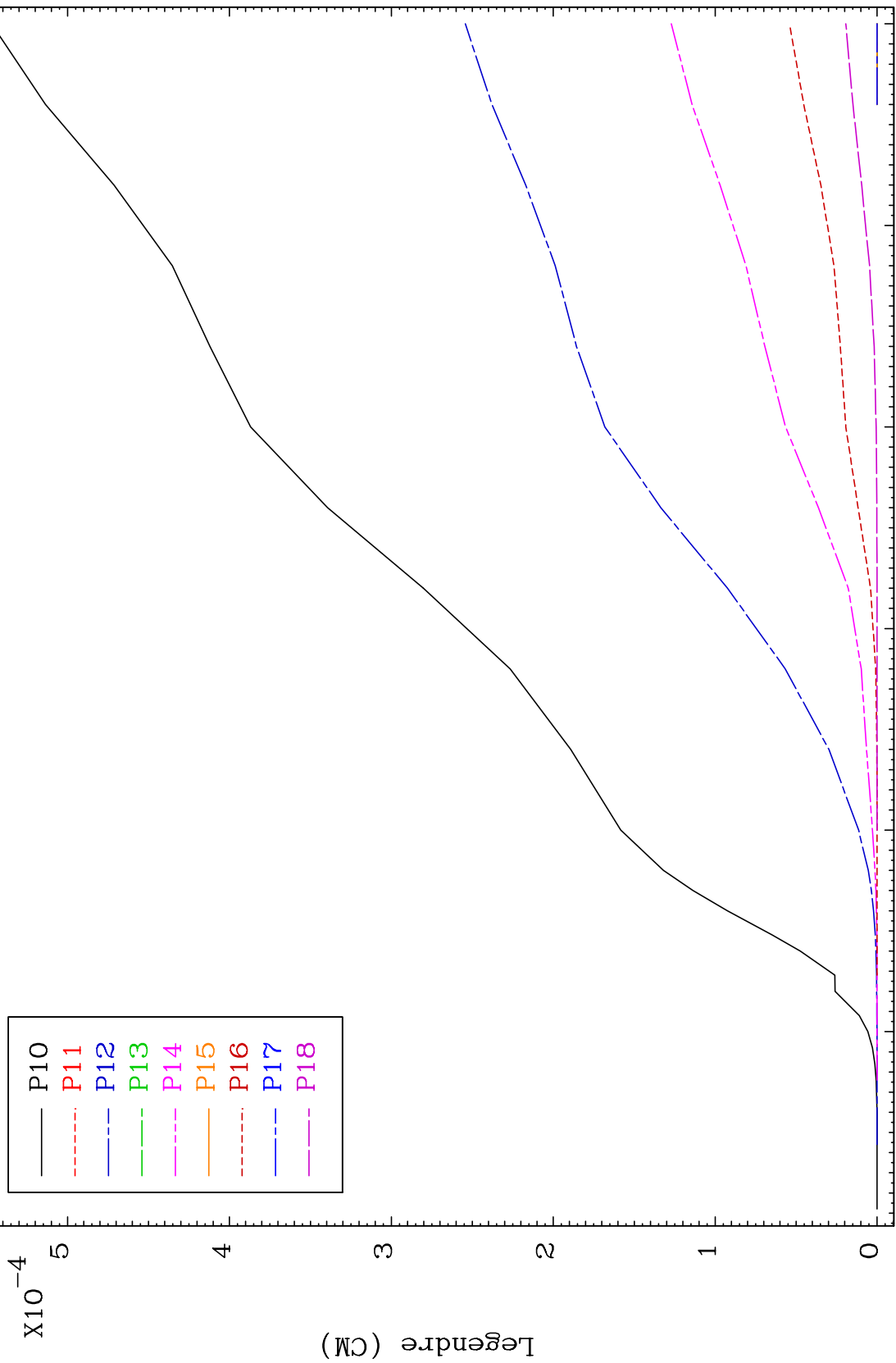
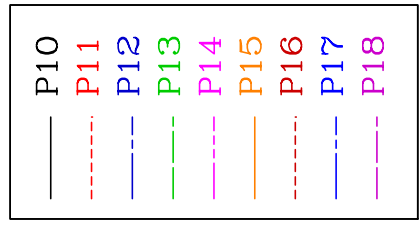
Incident Energy (MeV)

54-Xe-135m

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Elastic Legendre Coefficients

54-Xe-135m



18

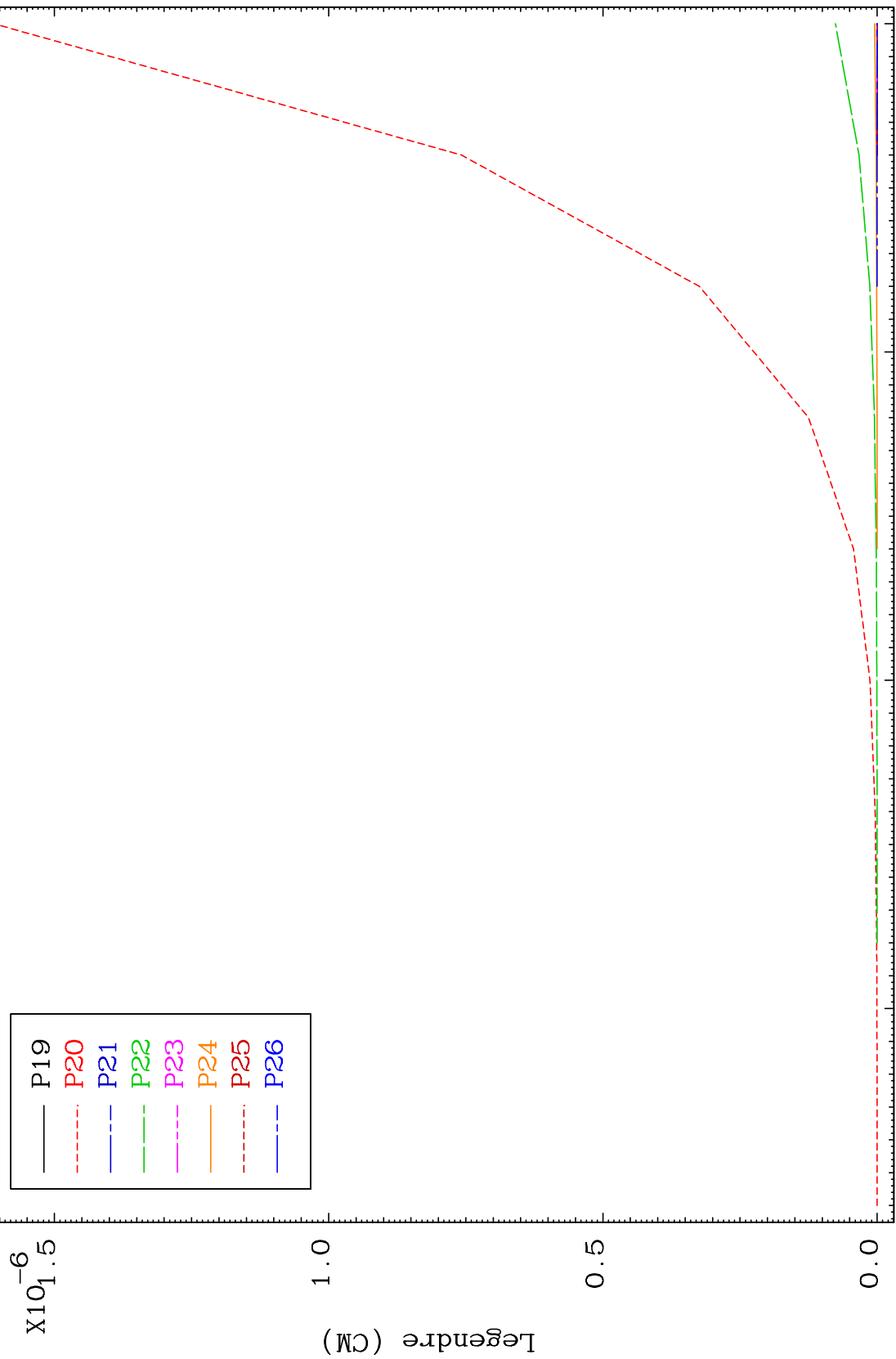
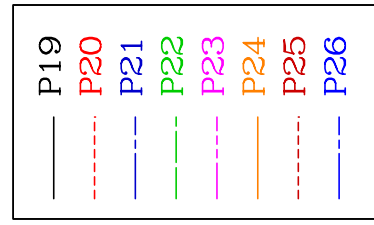
Incident Energy (MeV)

54-Xe-135m

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Elastic
Legendre Coefficients

54-Xe-135m



19

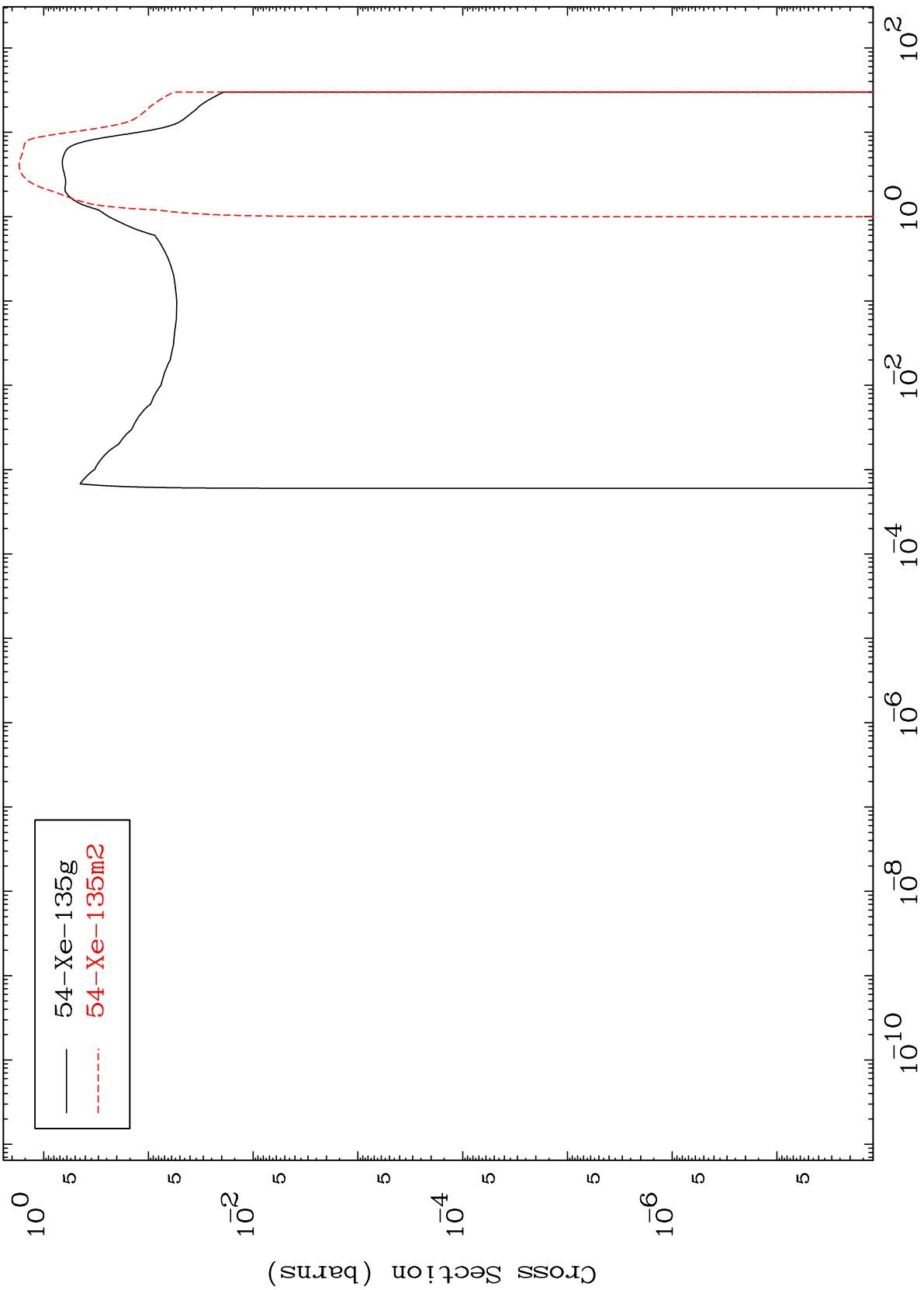
Incident Energy (MeV)

54-Xe-135m

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54-Xe-135m

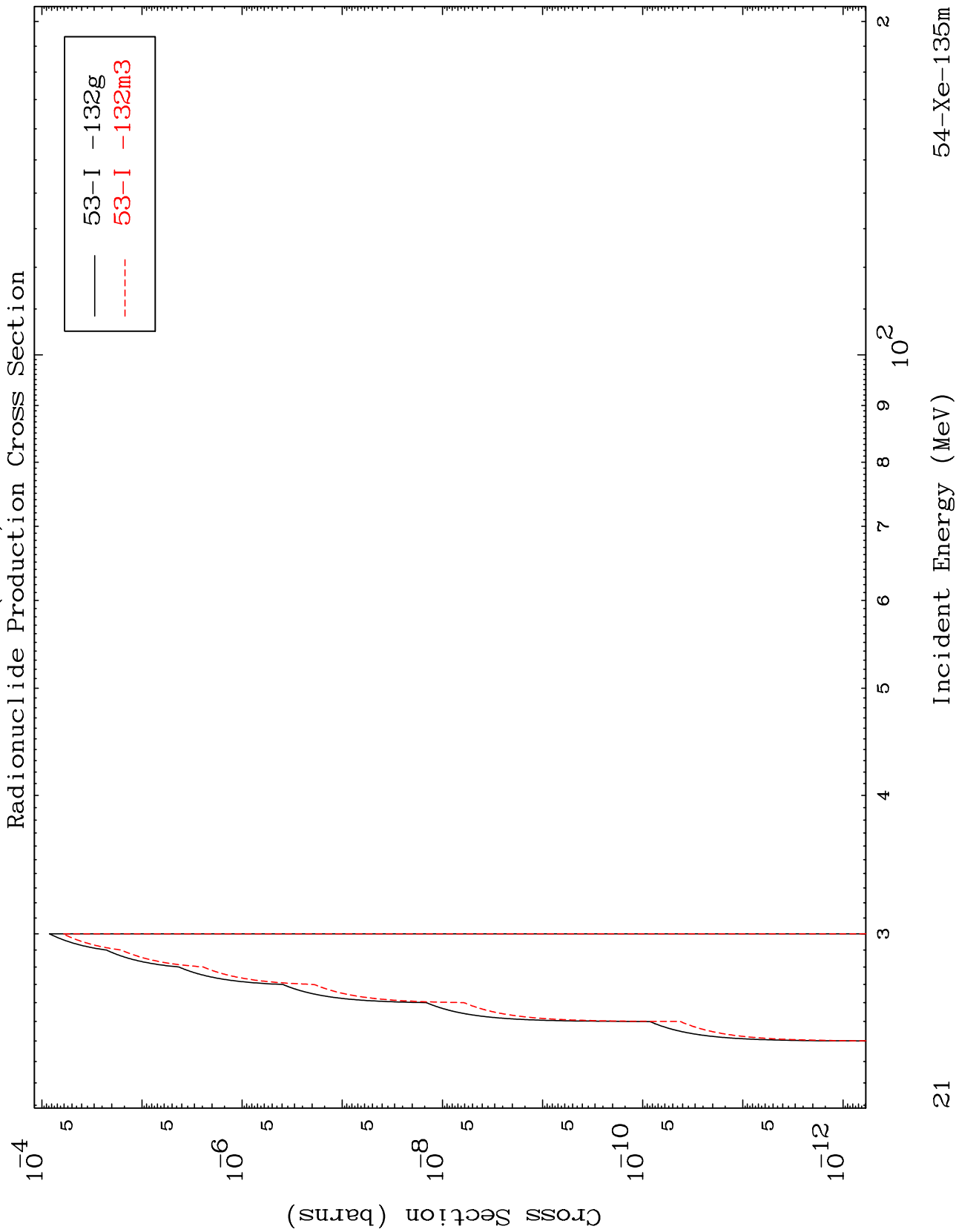
Inelastic
Radionuclide Production Cross Section



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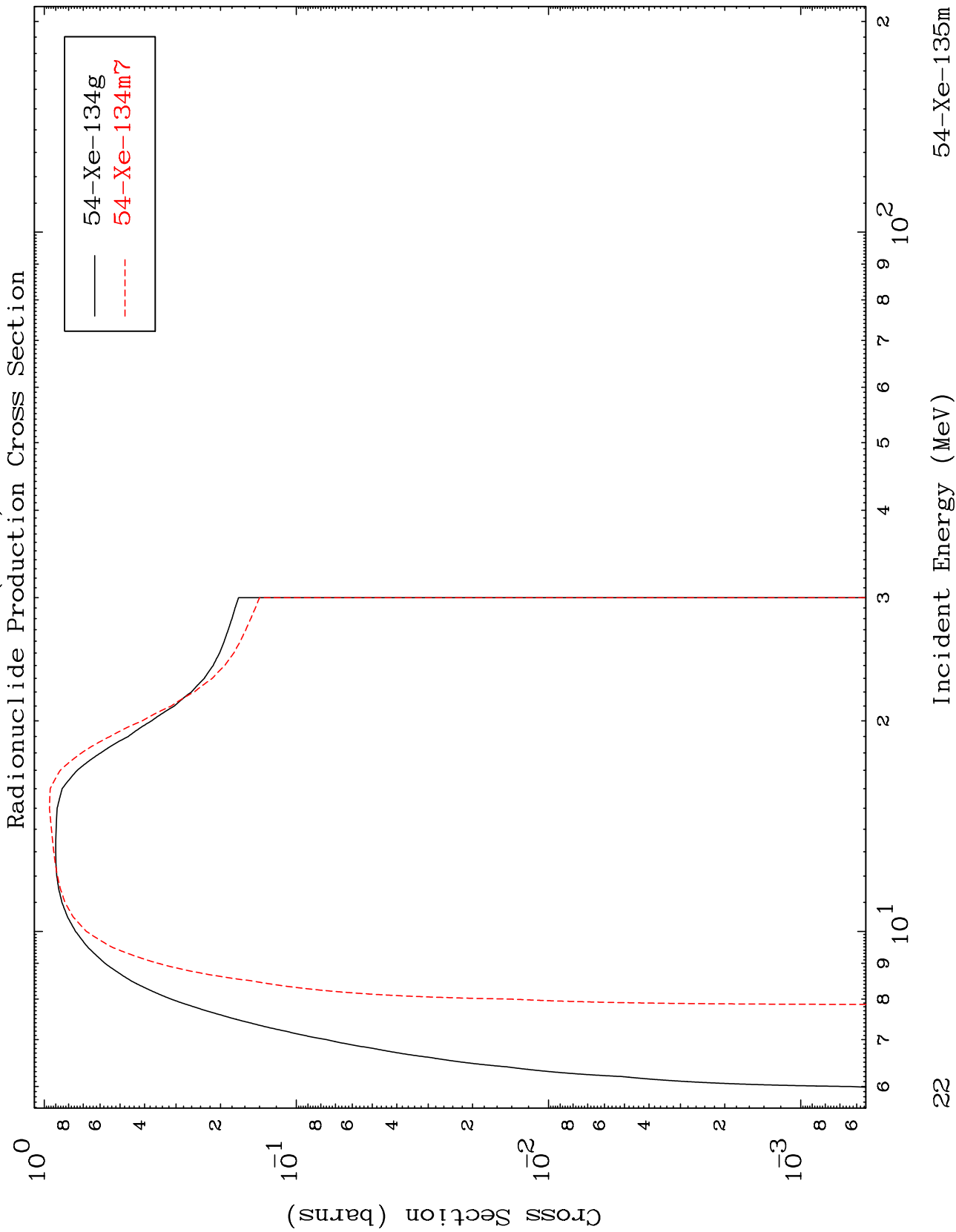
(n,2n) d

54-Xe-135m



MAT 5459

54-Xe-135m



22

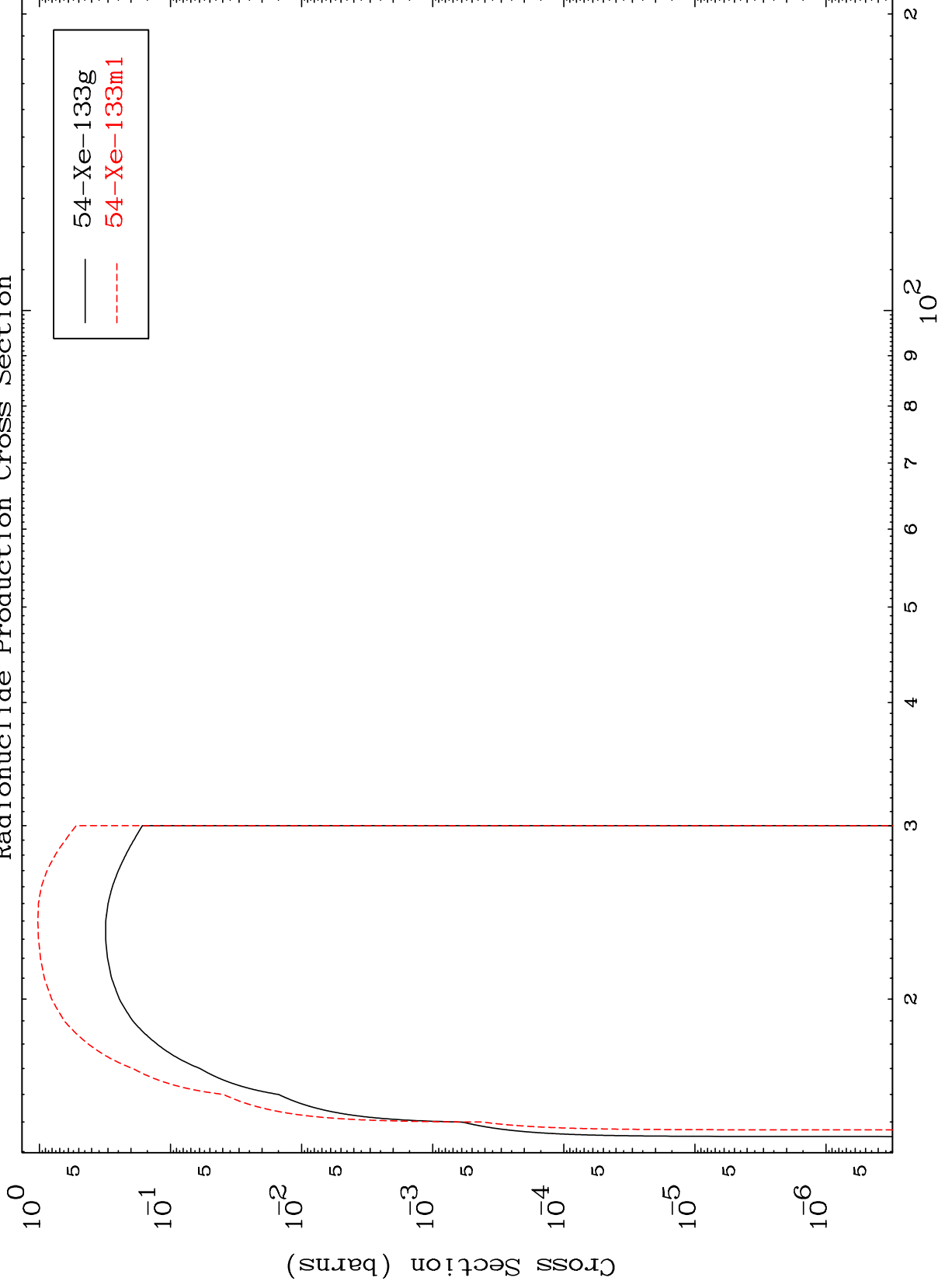
54-Xe-135m

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(n,3n)

54-Xe-135m

Radionuclide Production Cross Section



23

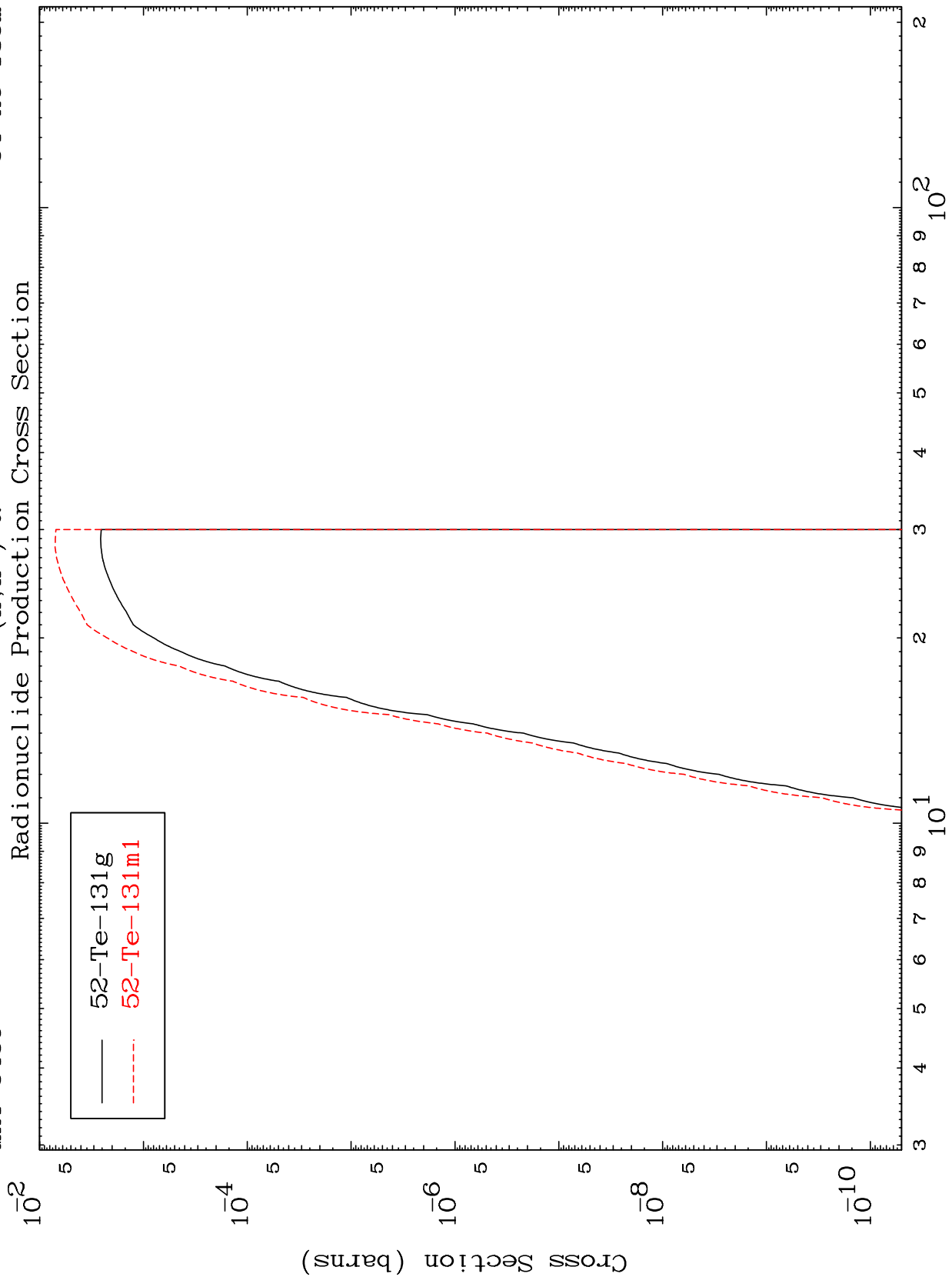
Incident Energy (MeV)

54-Xe-135m

MAT 5459

(n,n') α

54-Xe-135m



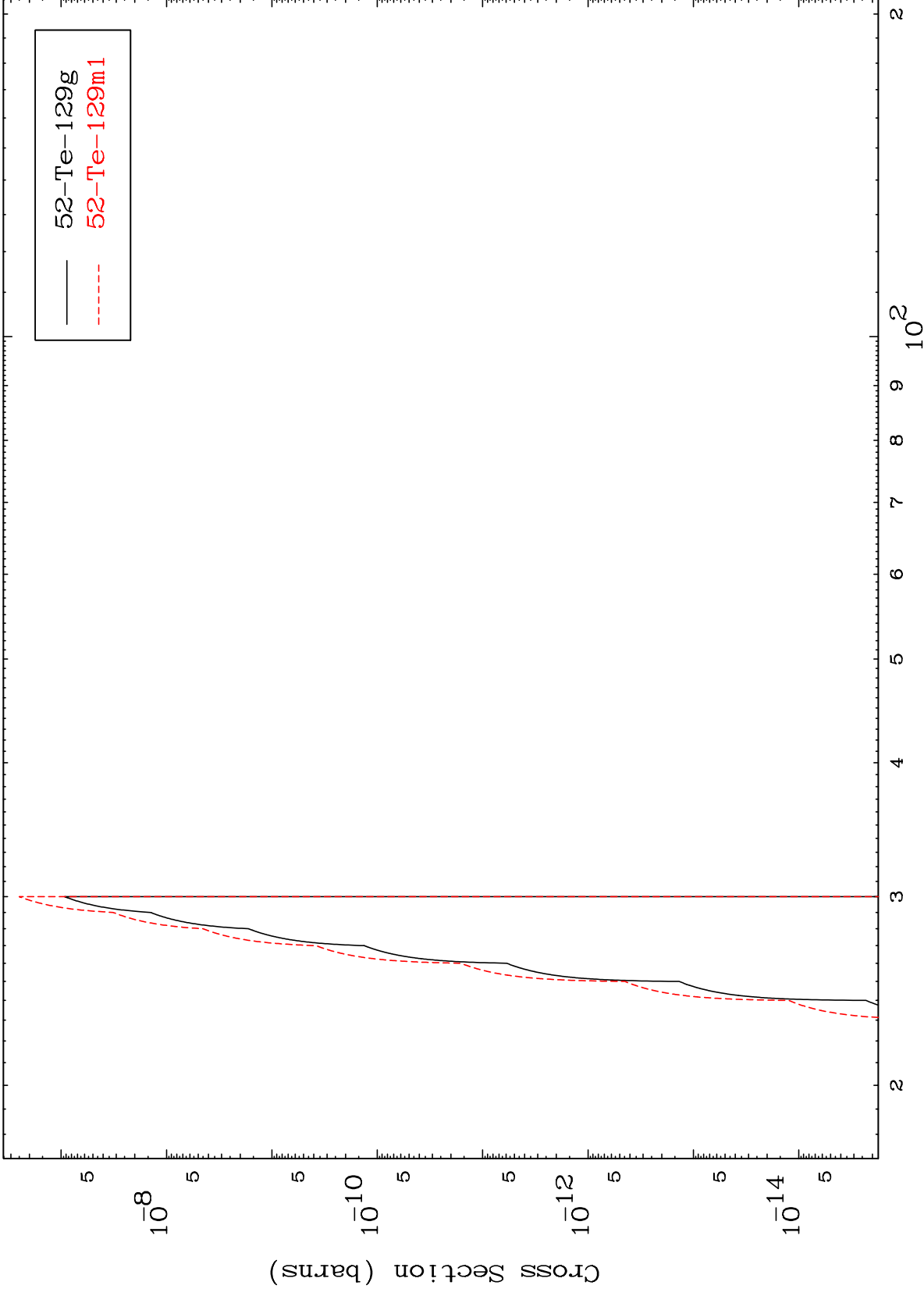
52-Te-131g
52-Te-131m1

24

Incident Energy (MeV)

54-Xe-135m

Radionuclide Production Cross Section

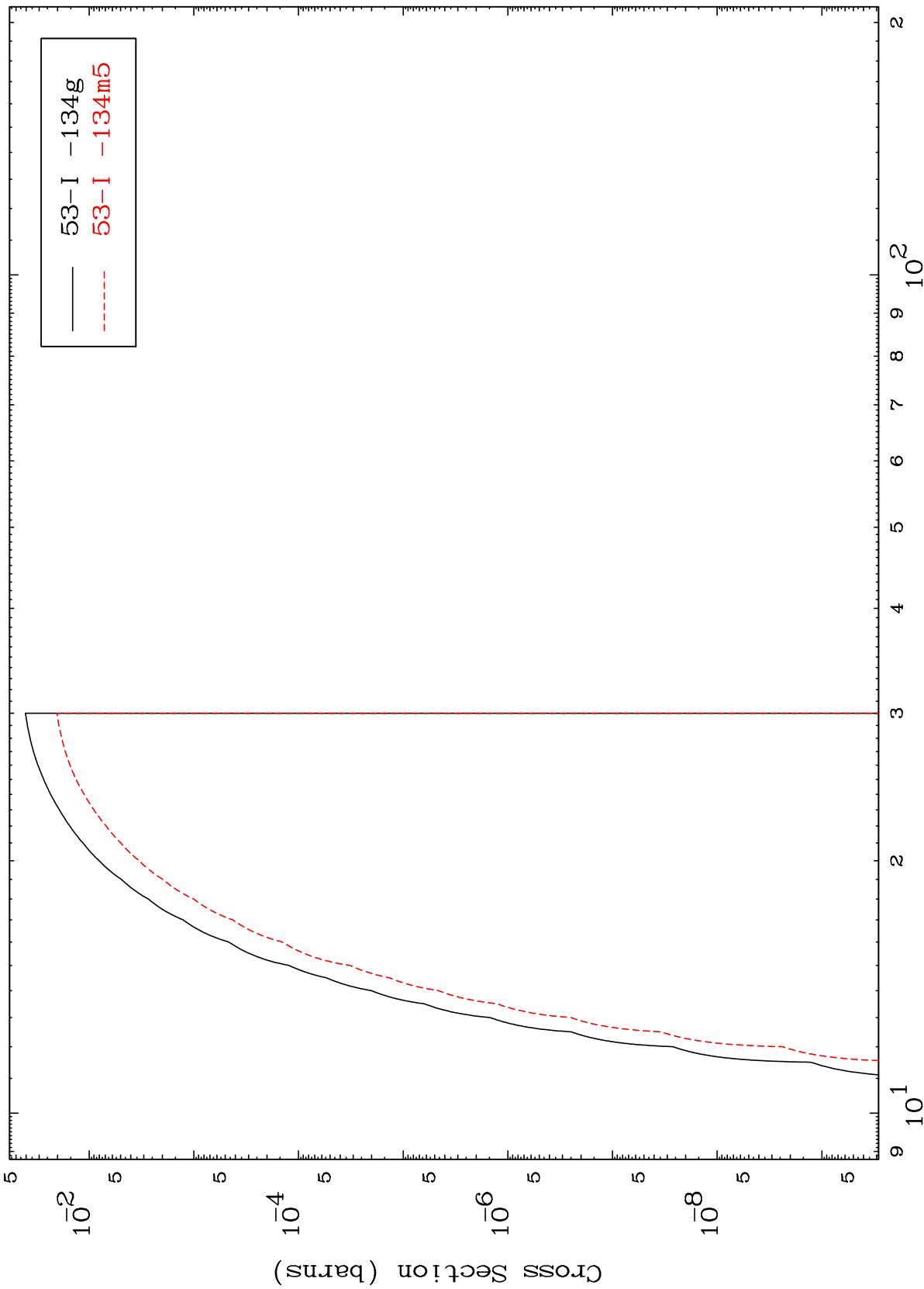


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(n,n') p

54-Xe-135m

Radionuclide Production Cross Section

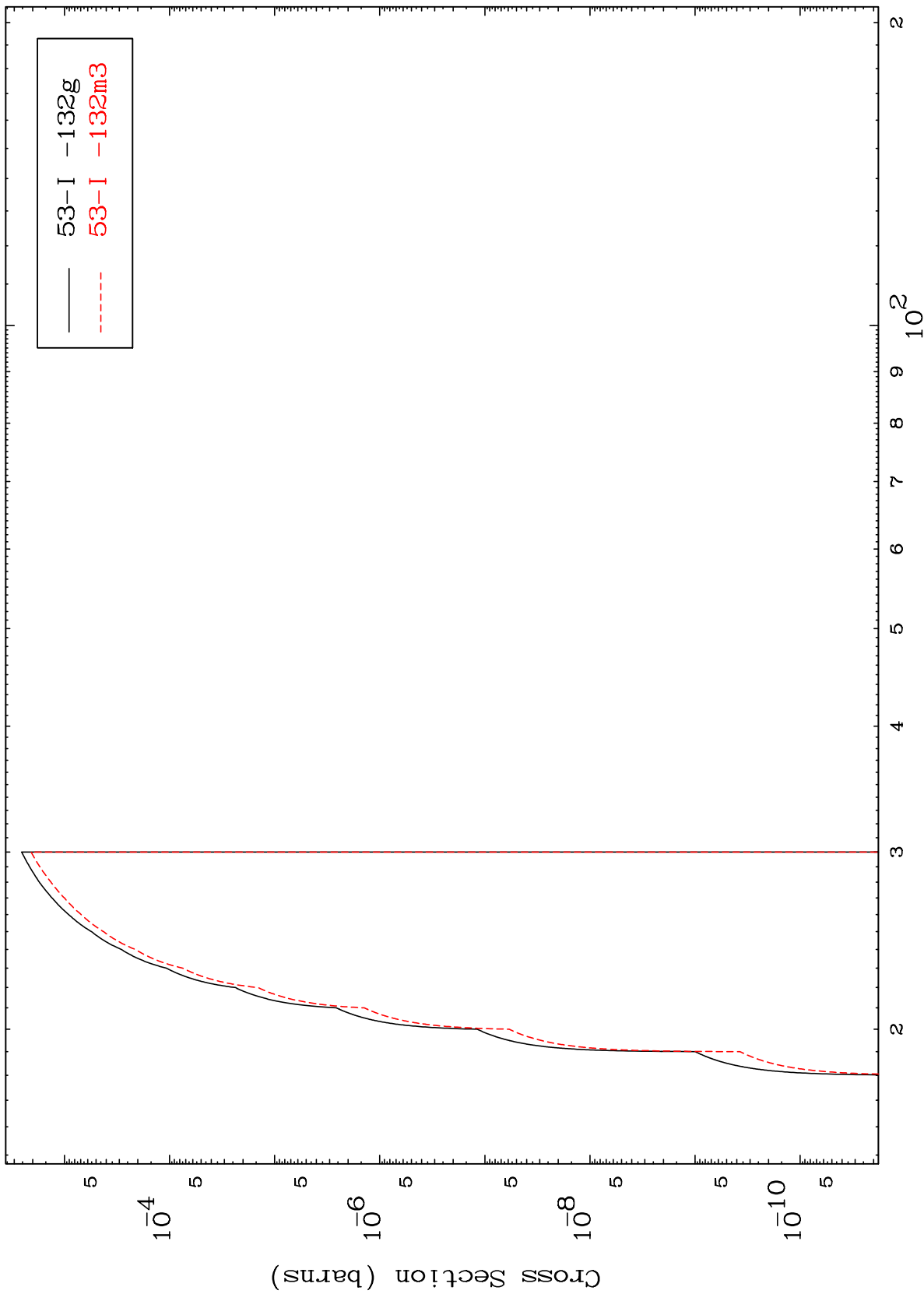


Incident Energy (MeV)

54-Xe-135m

26

Radionuclide Production Cross Section

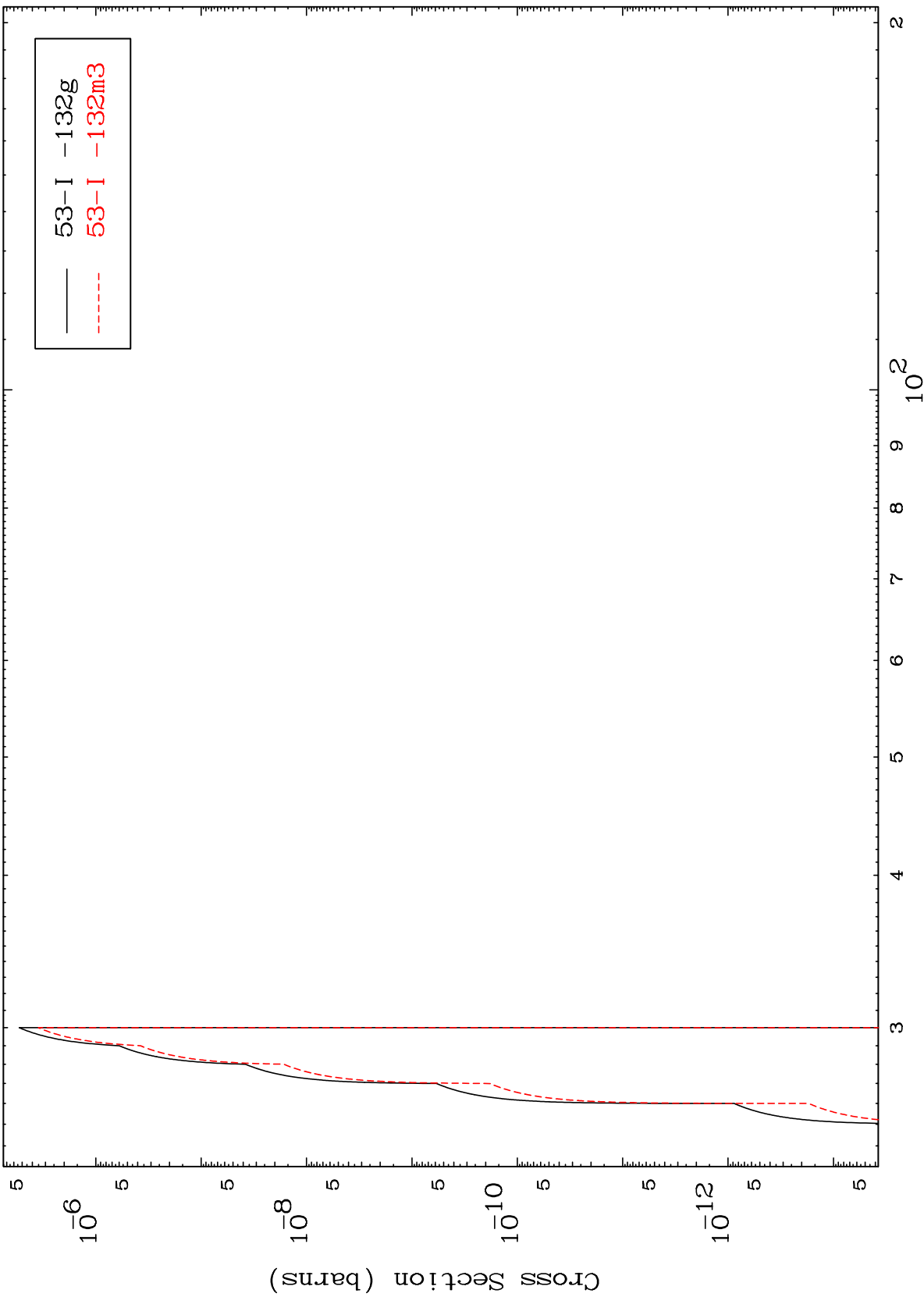


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(n,3n) p

54-Xe-135m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

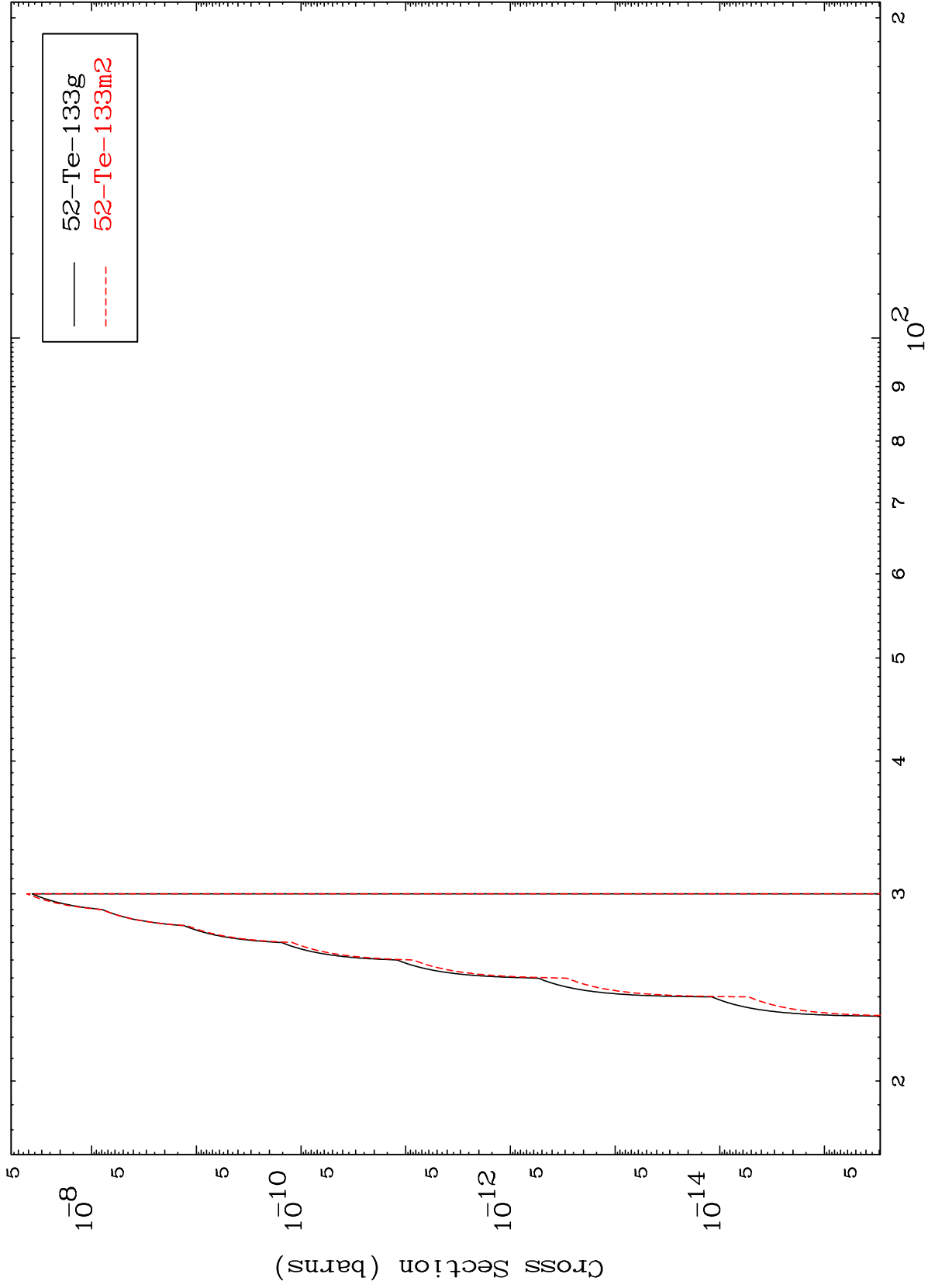
54-Xe-135m

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(n,2n) p

54-Xe-135m

Radionuclide Production Cross Section



29

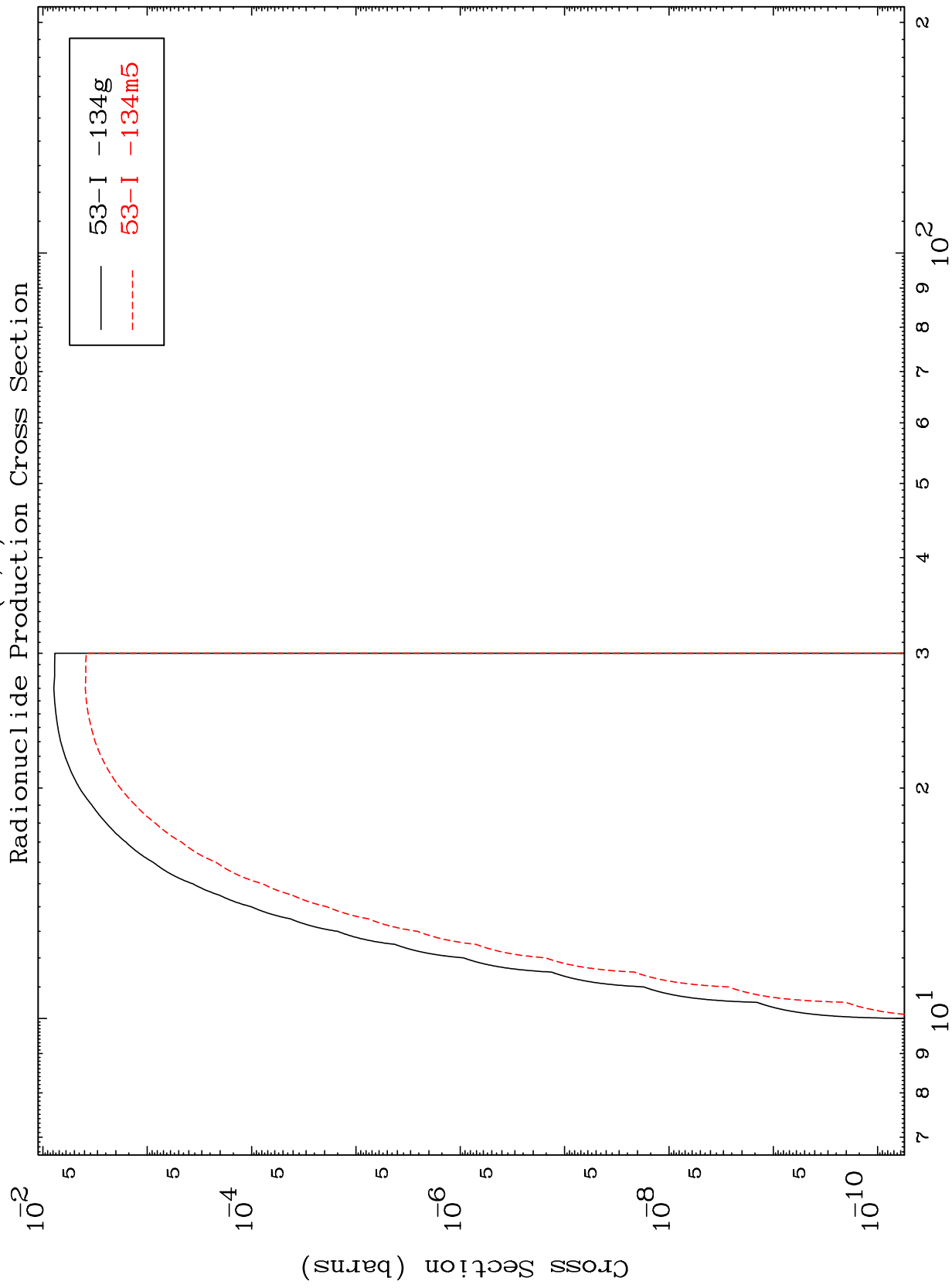
Incident Energy (MeV)

54-Xe-135m

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(n,d)

54-Xe-135m



30

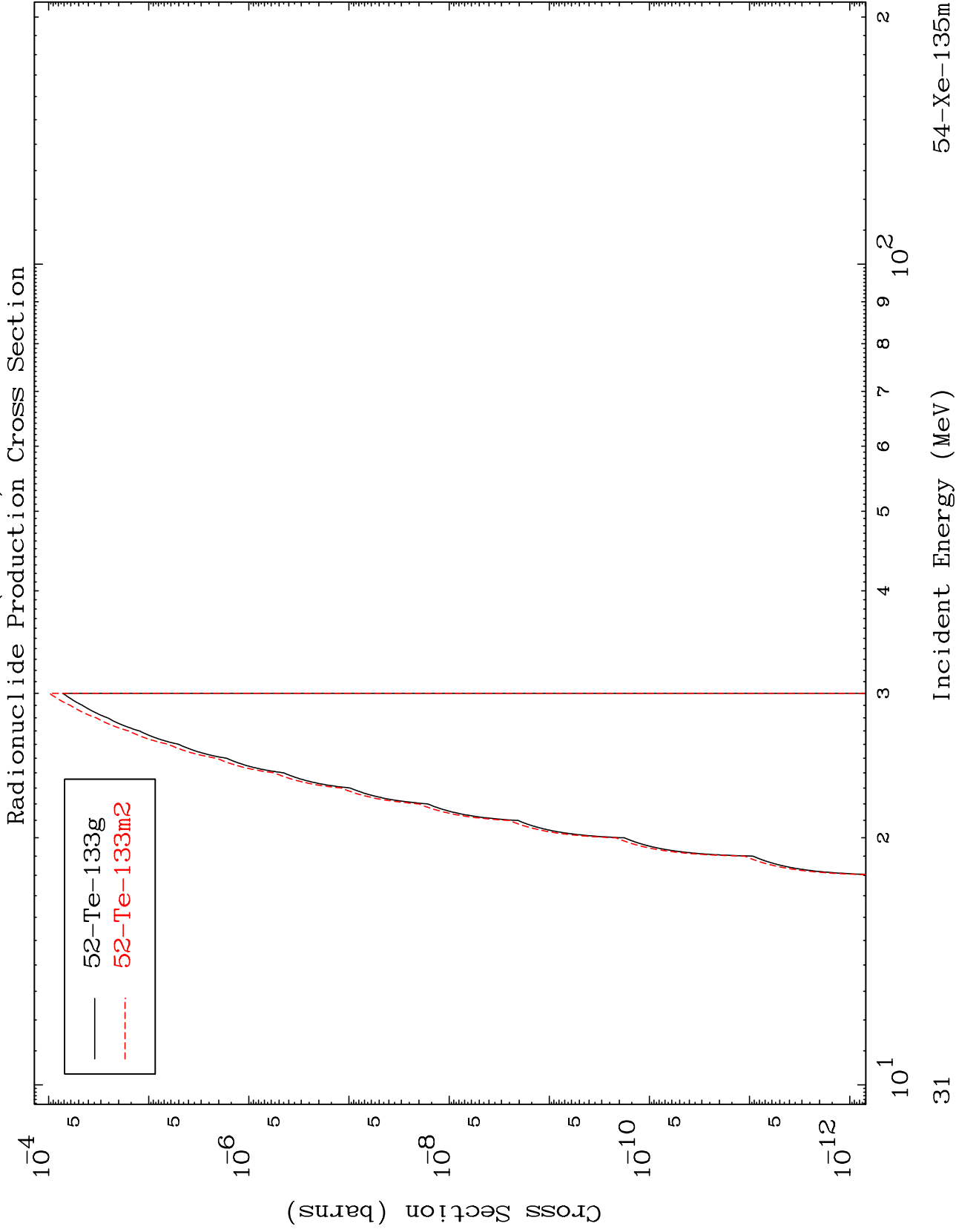
Incident Energy (MeV)

54-Xe-135m

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(n,He-3)

54-Xe-135m



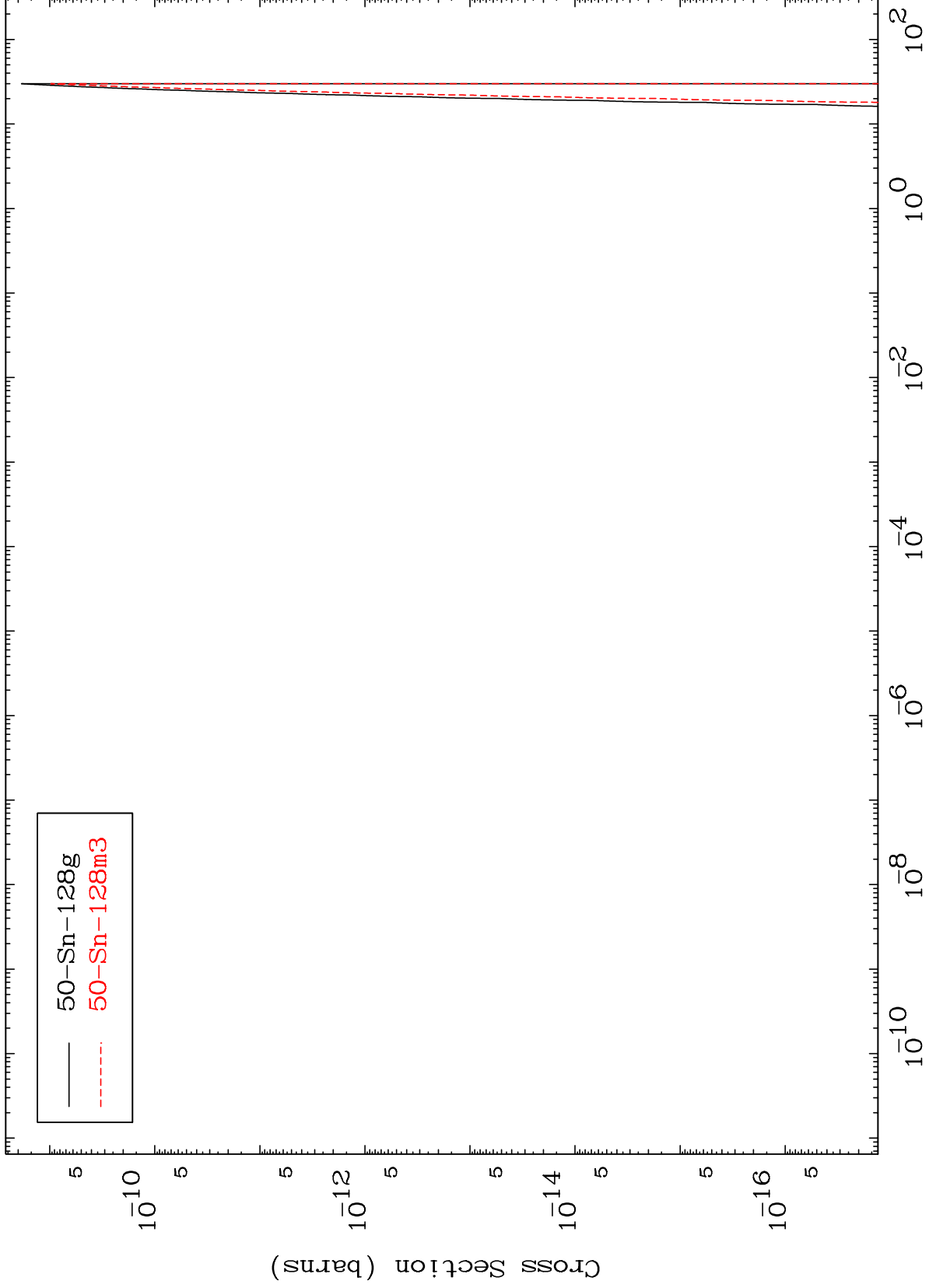
31

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(n,2α)

54-Xe-135m

Radionuclide Production Cross Section

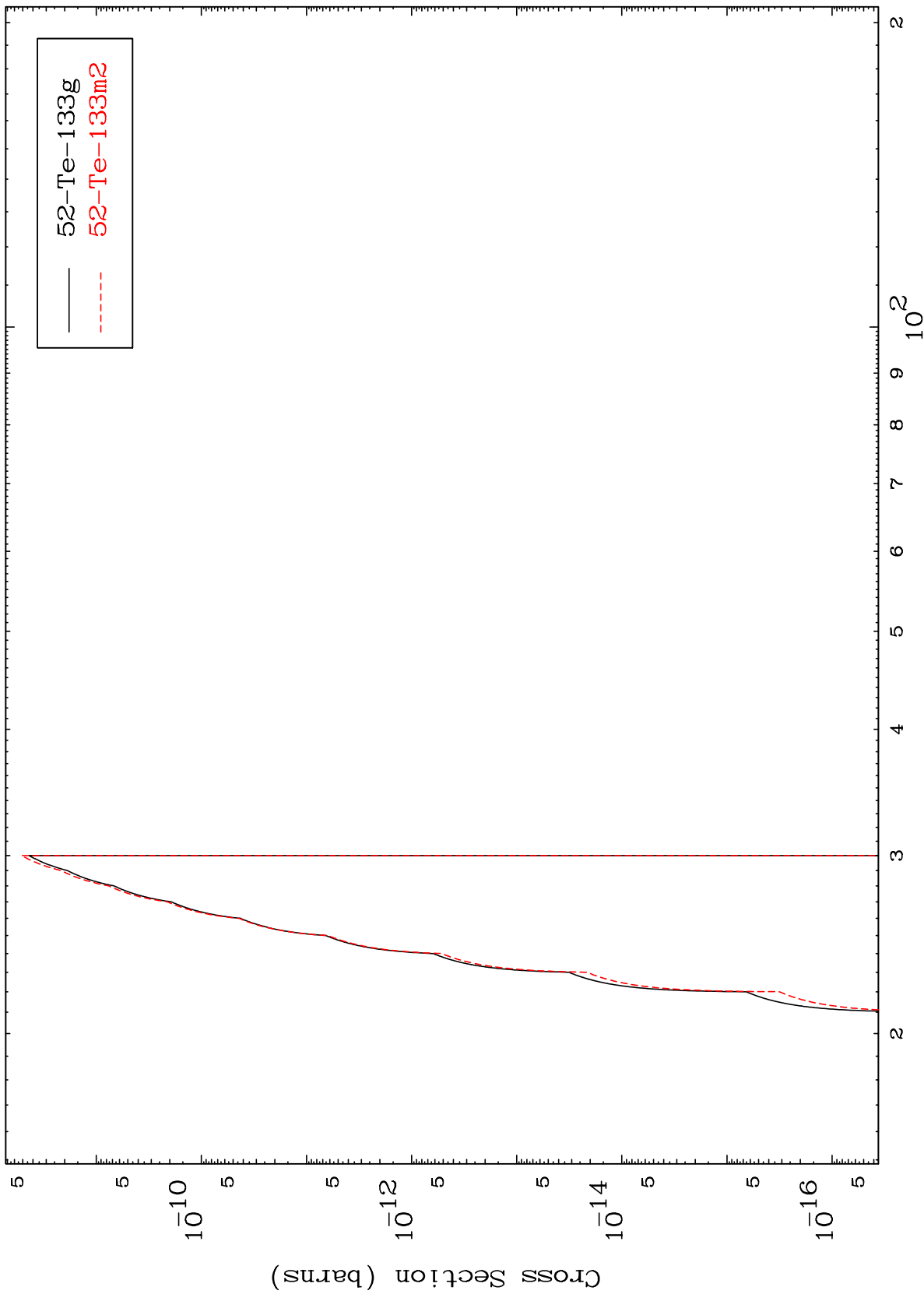


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(n,p) d

54-Xe-135m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

54-Xe-135m