

Program EVALPLOT
(Version 2018-1)

by

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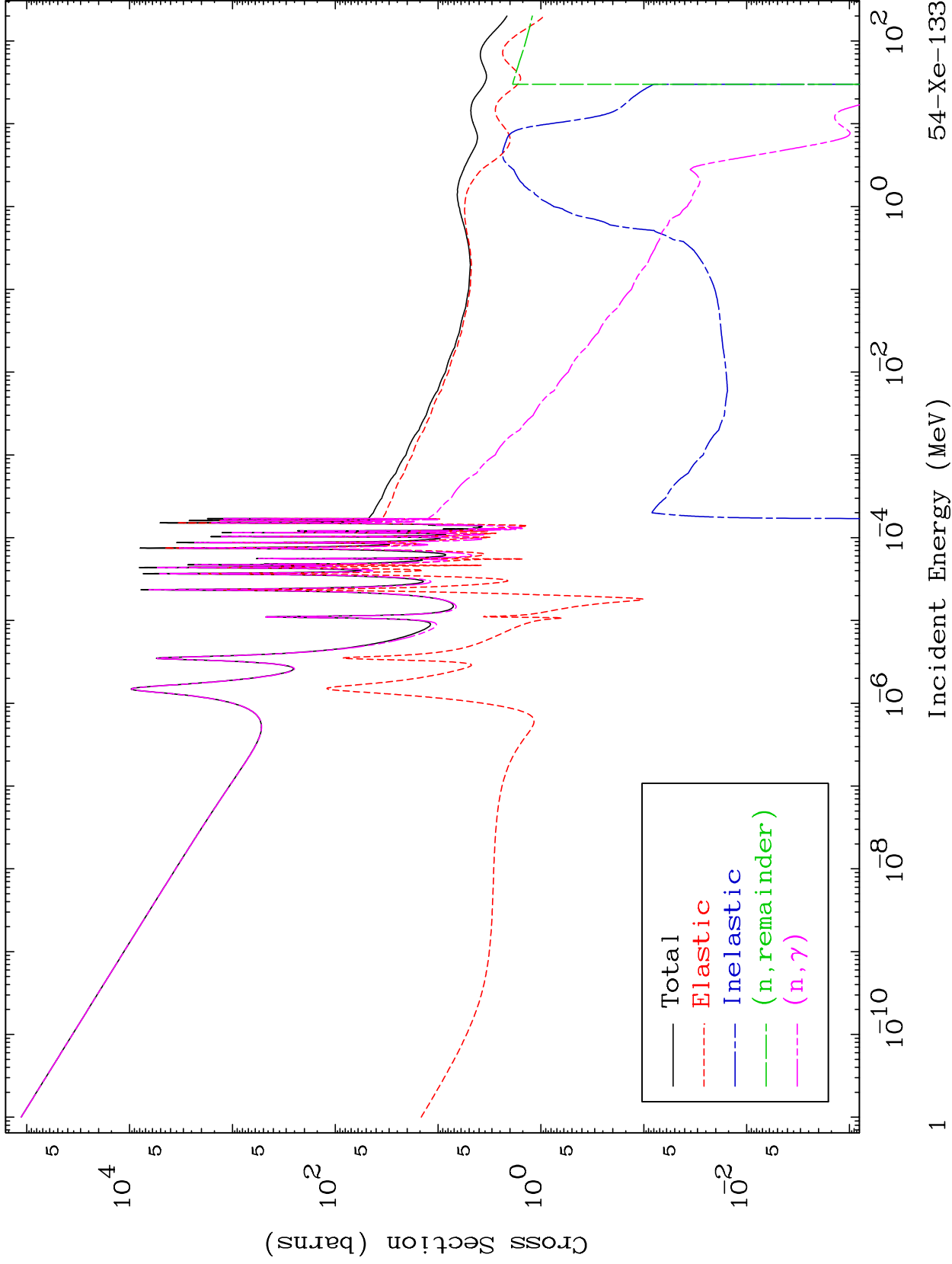
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Press Mouse Button to Start

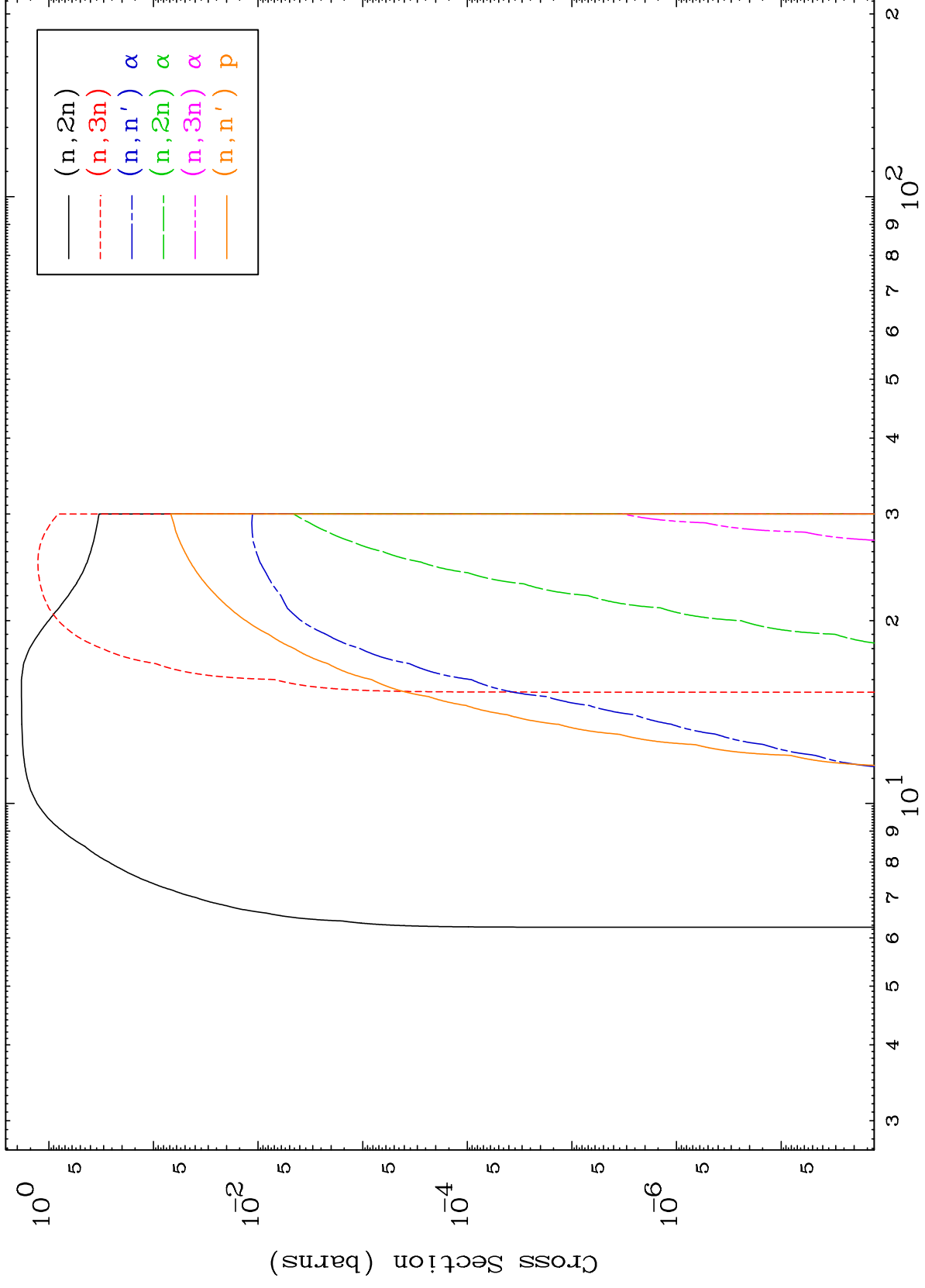
MAT 5453

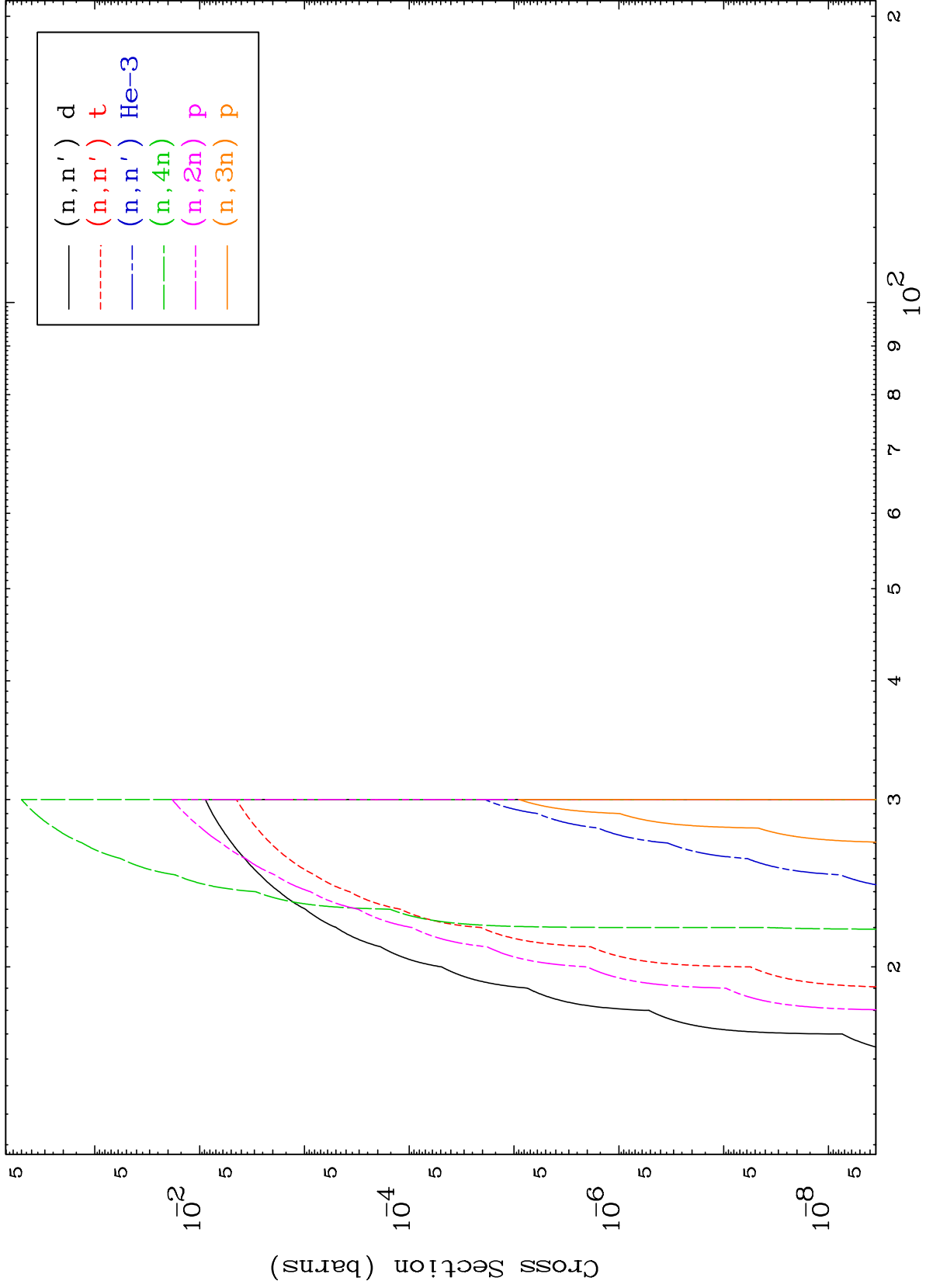
Major
293 Kelvin Cross Sections

54-Xe-133



Neutron Production
293 Kelvin Cross Sections

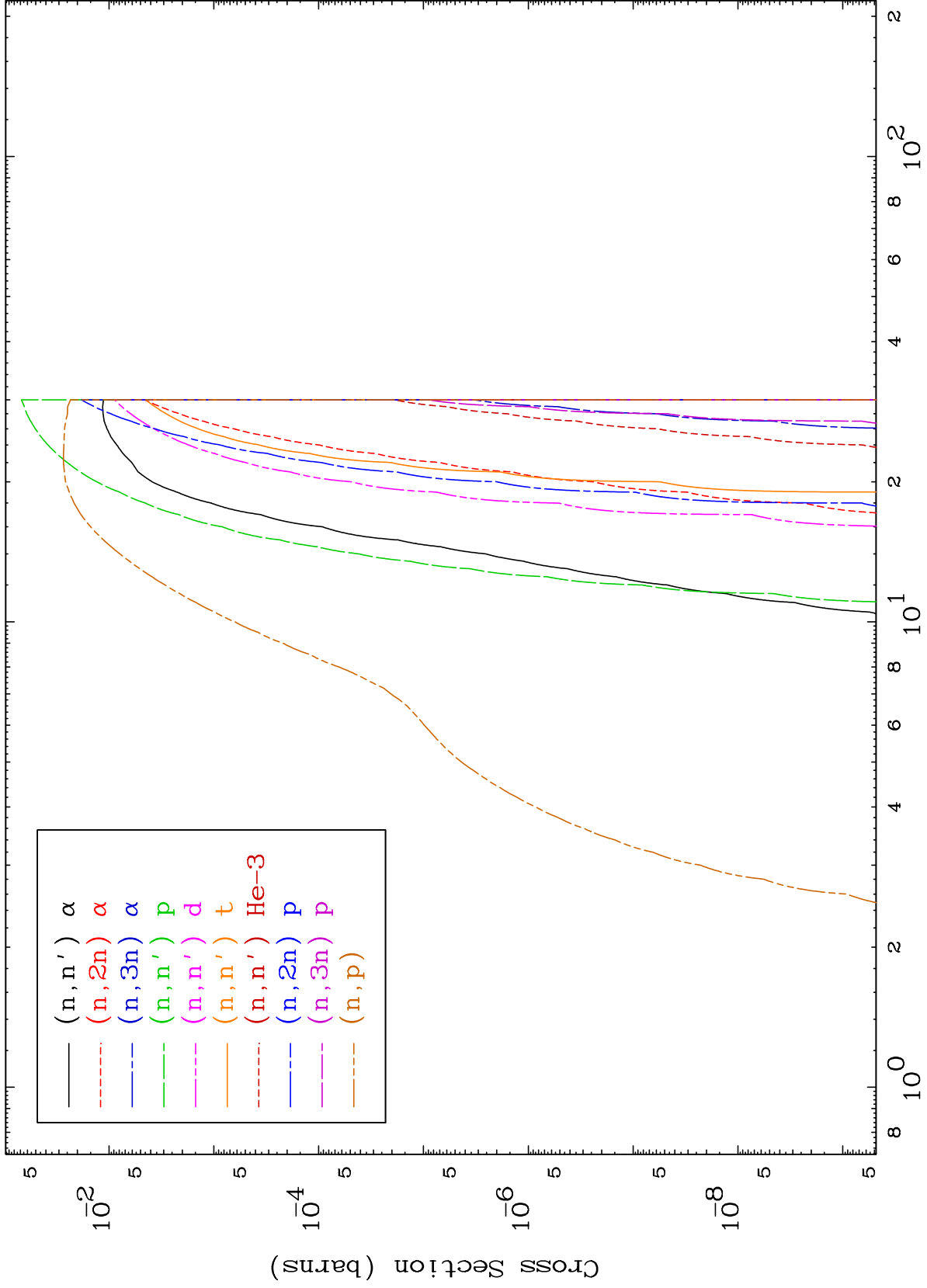




MAT 5453

Charged Particle
293 Kelvin Cross Sections

54-Xe-133



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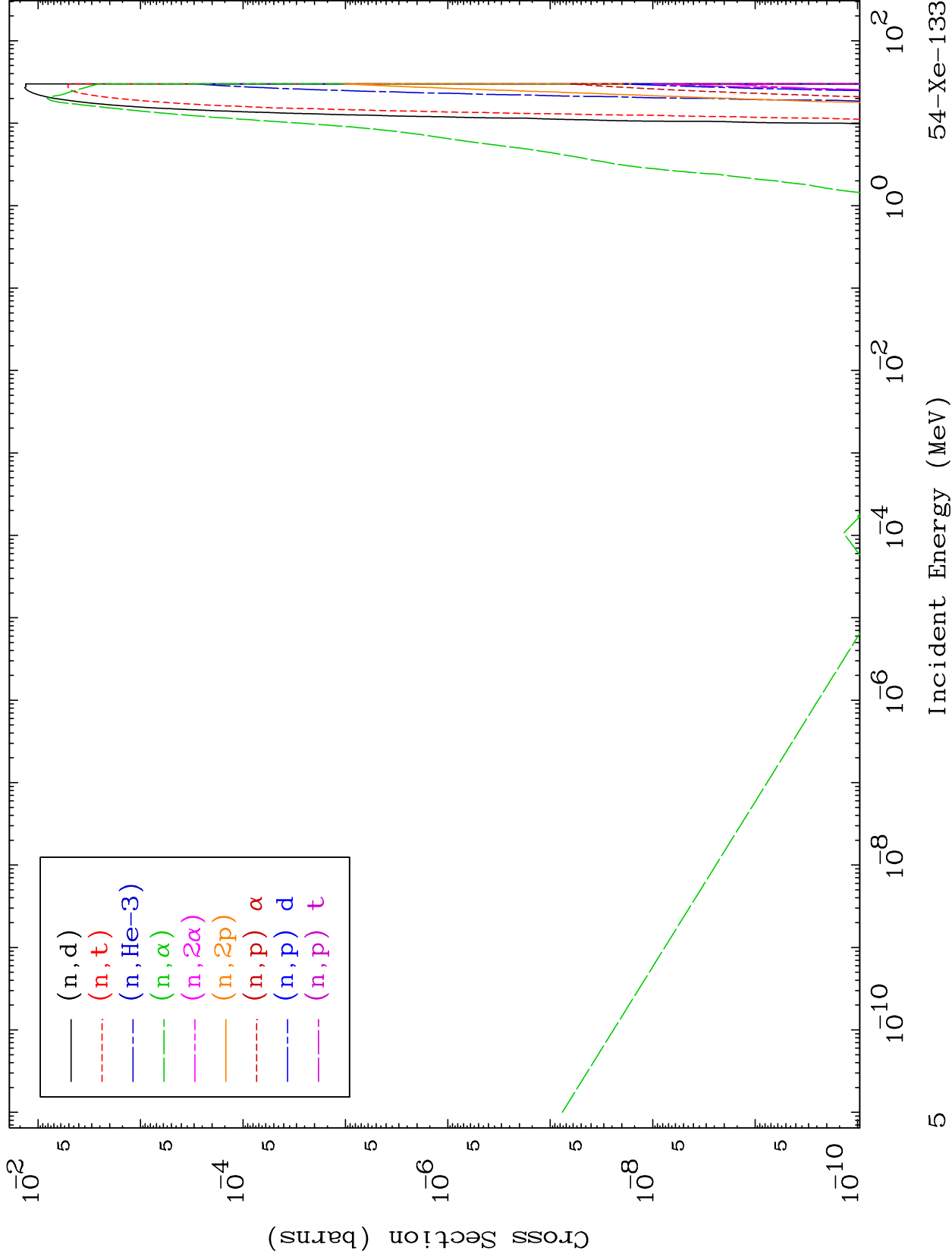
Incident Energy (MeV)

54-Xe-133

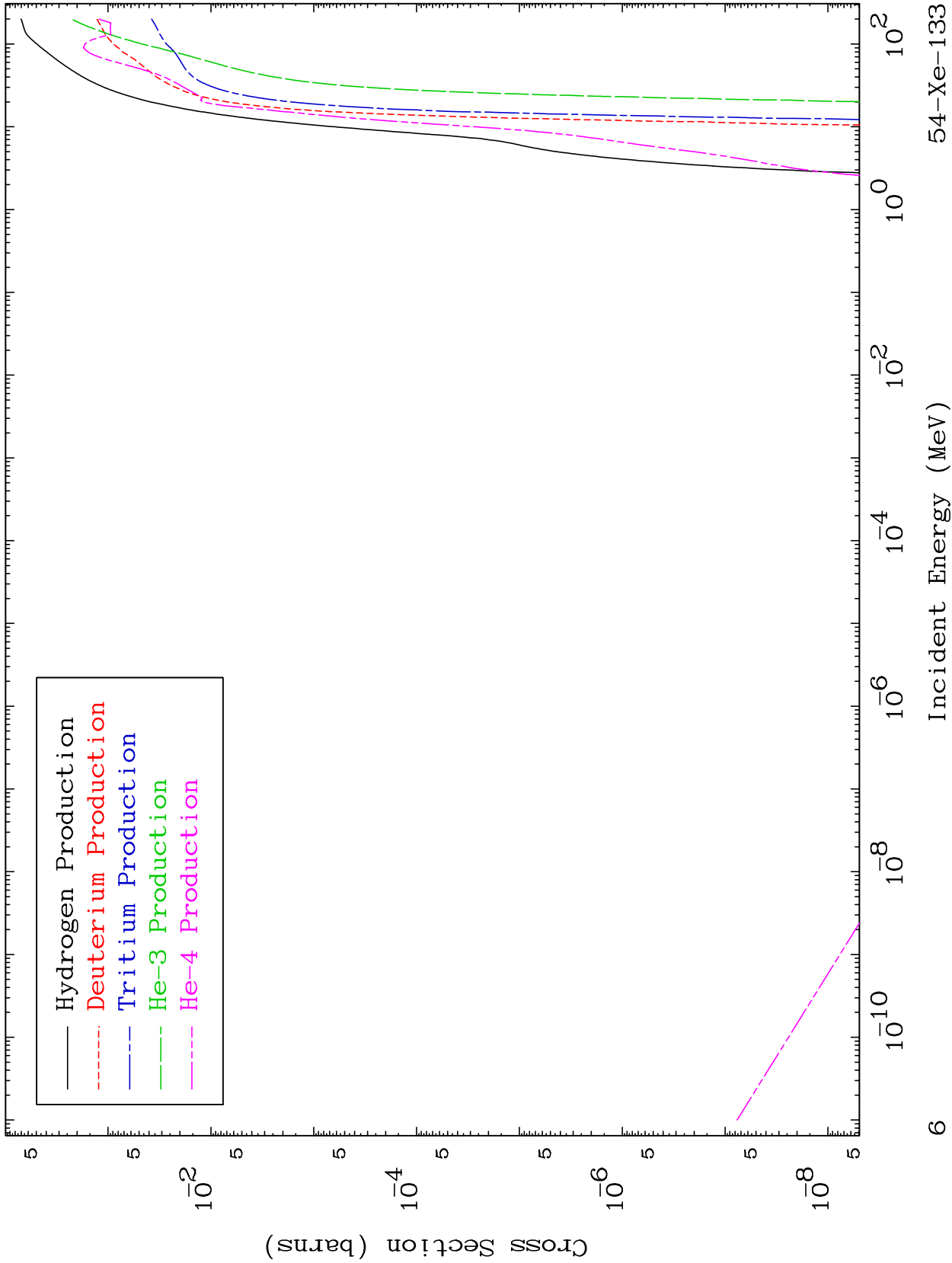
MAT 5453

Charged Particle
293 Kelvin Cross Sections

54-Xe-133



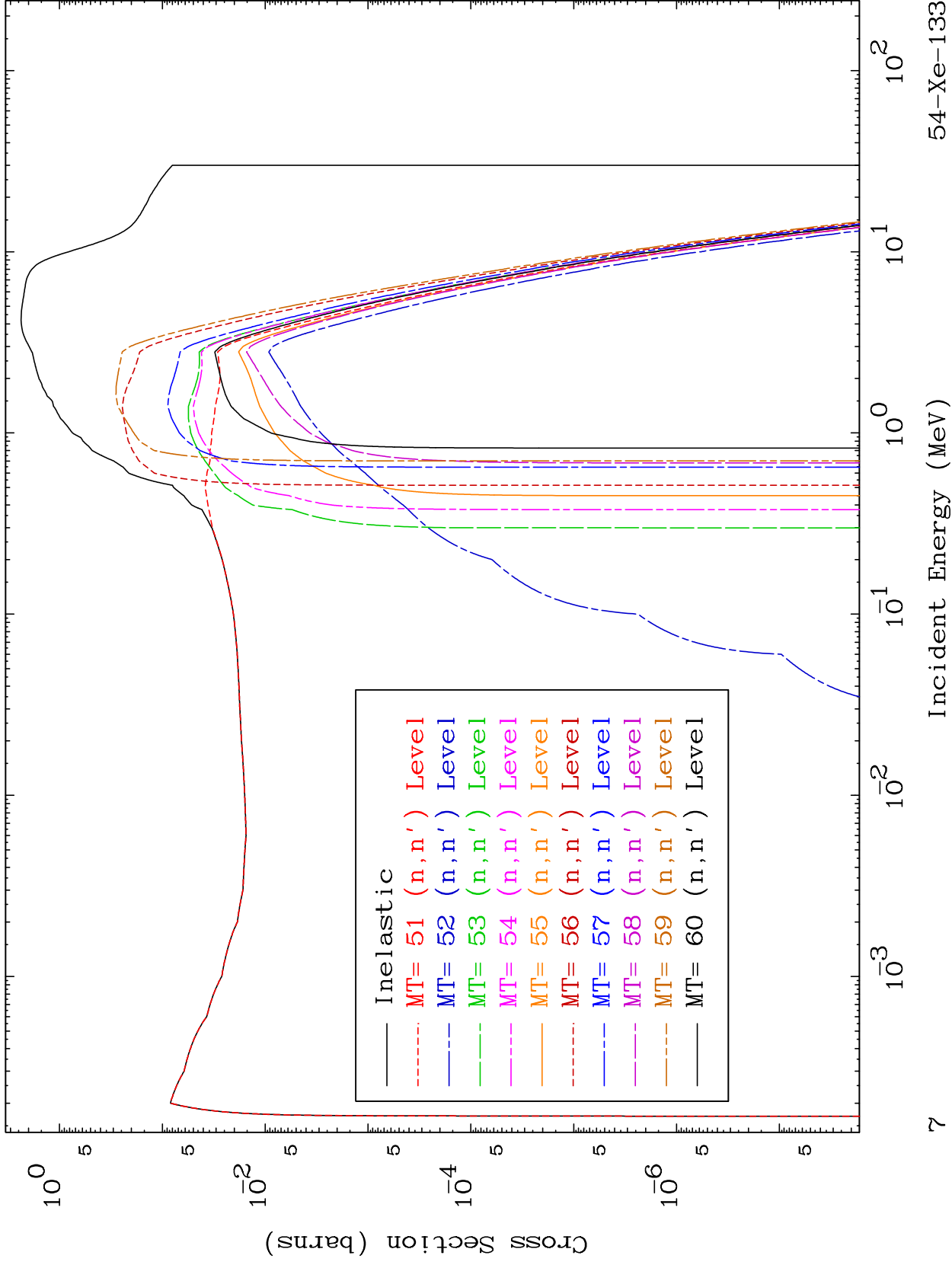
5



MAT 5453

293 Kelvin Cross Sections
(n,n') Level

54-Xe-133

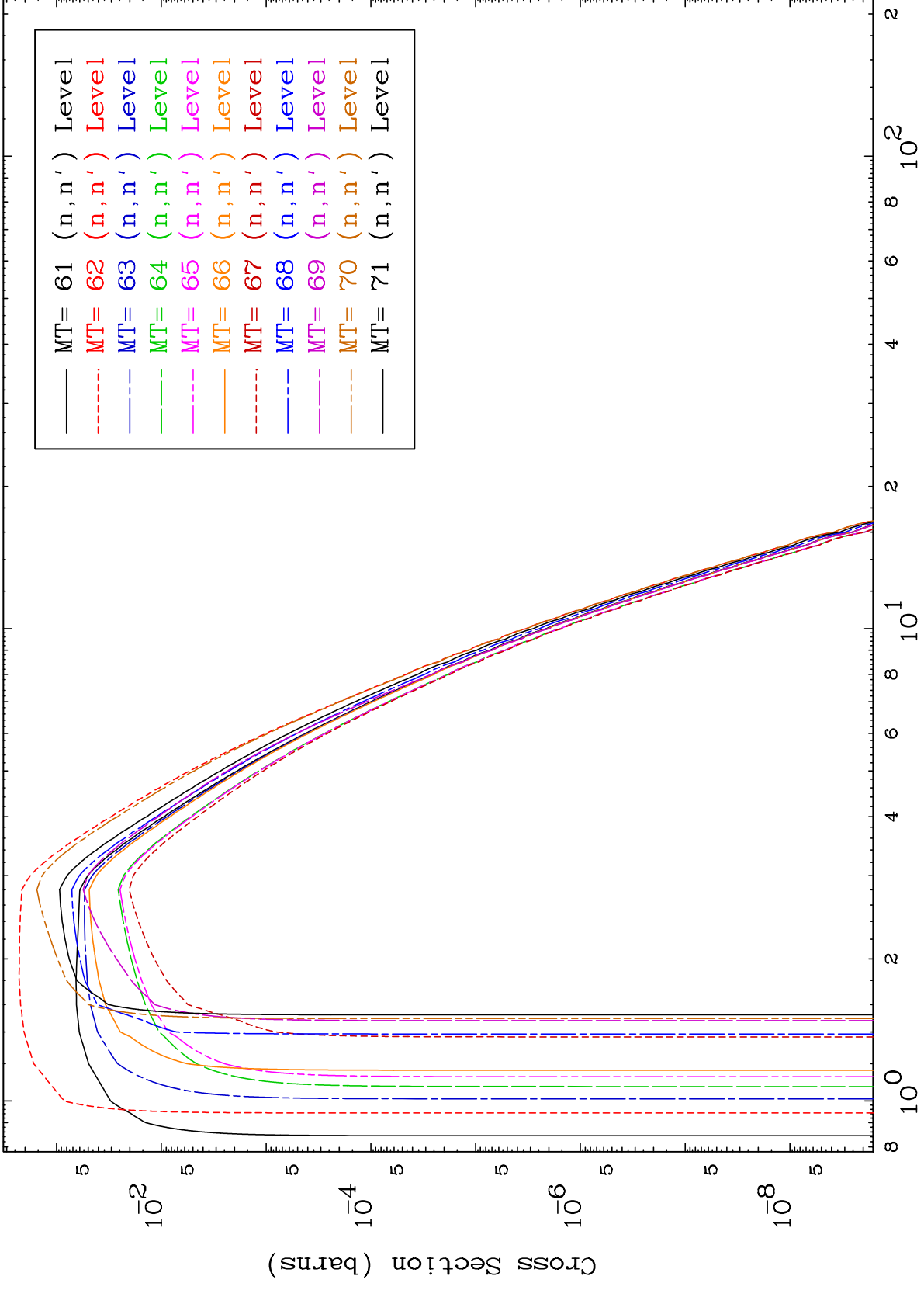


MAT 5453

(n,n') Level

54-Xe-133

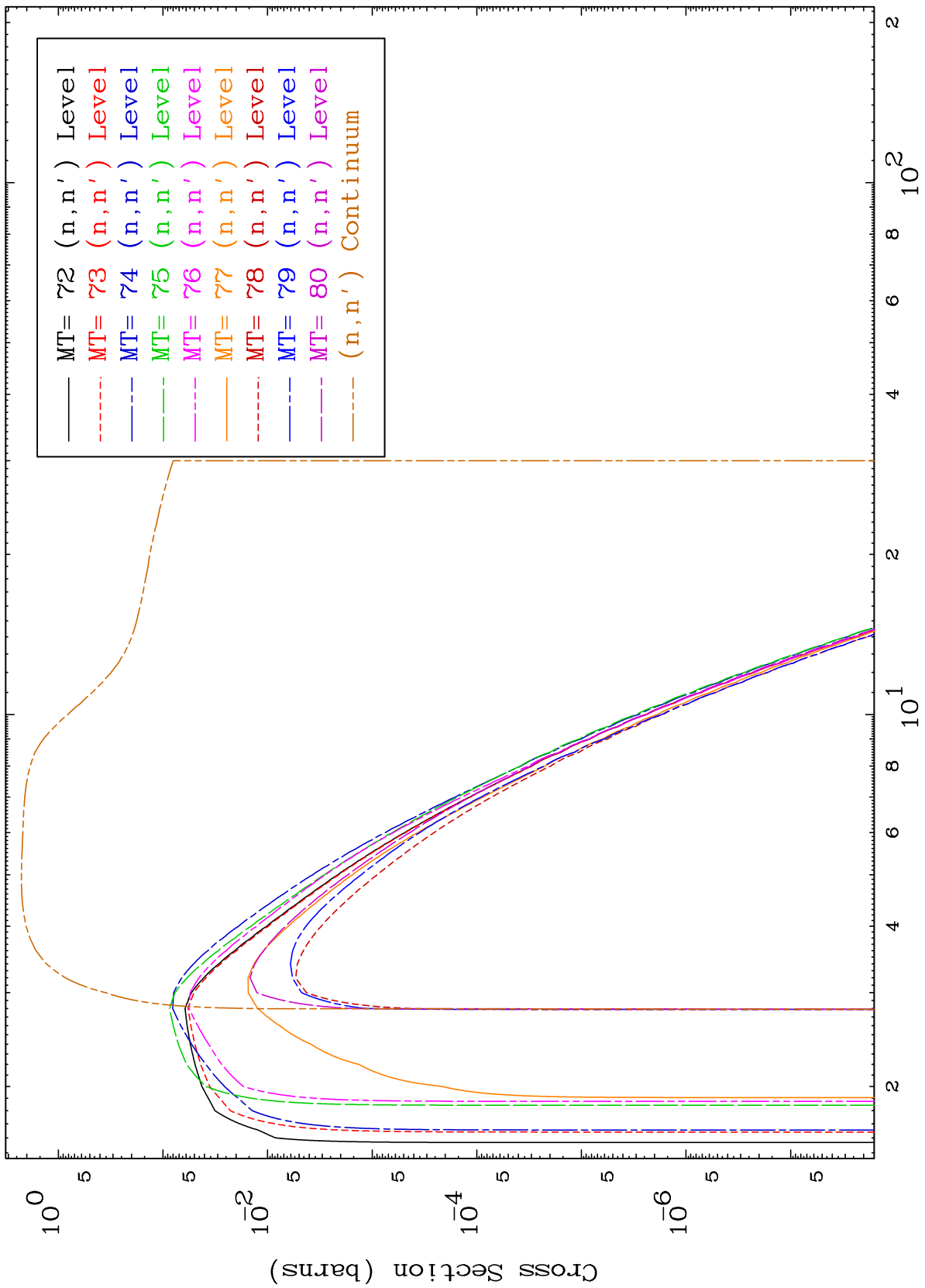
293 Kelvin Cross Sections



Incident Energy (MeV)

54-Xe-133

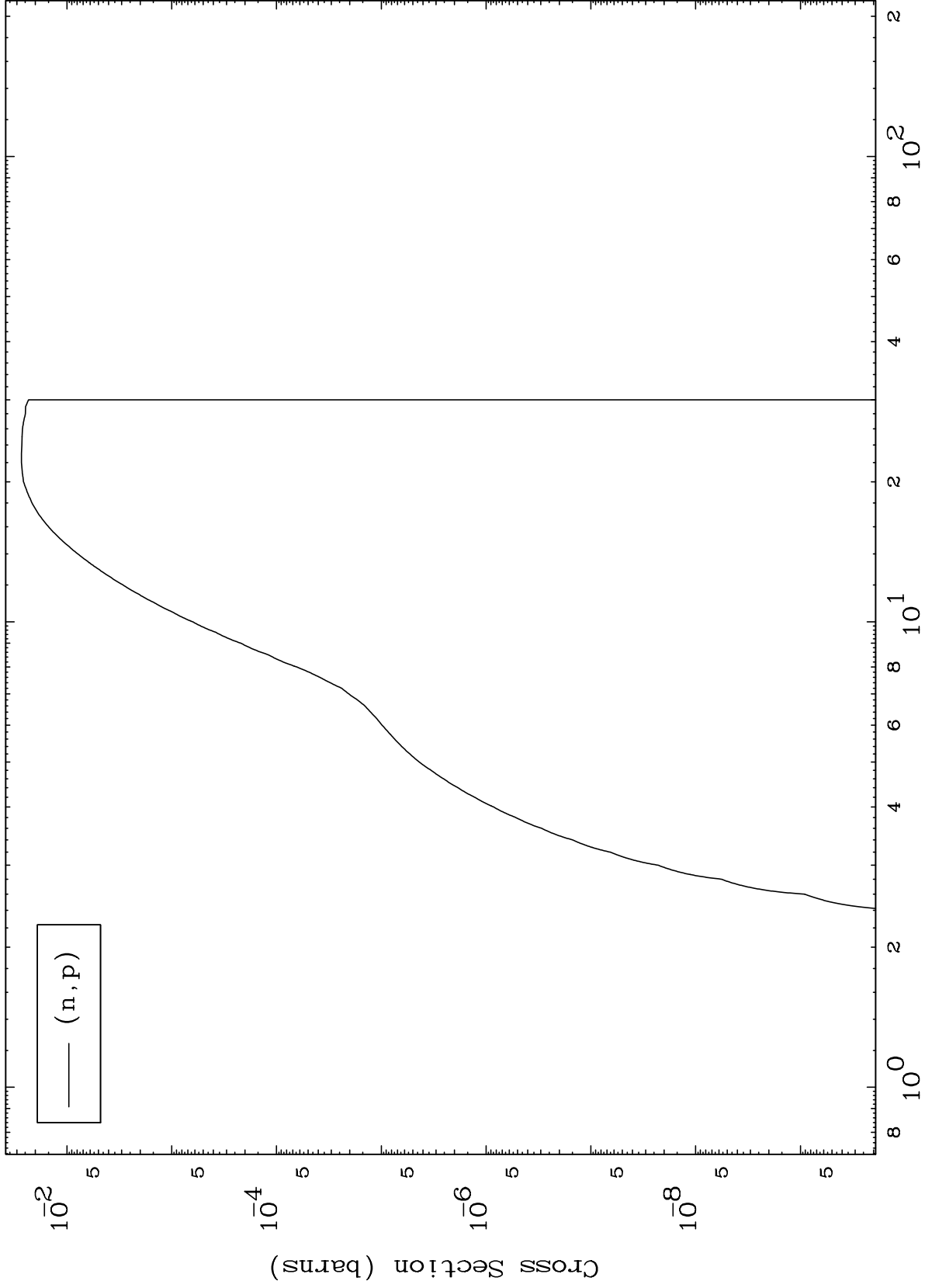
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

54-Xe-133



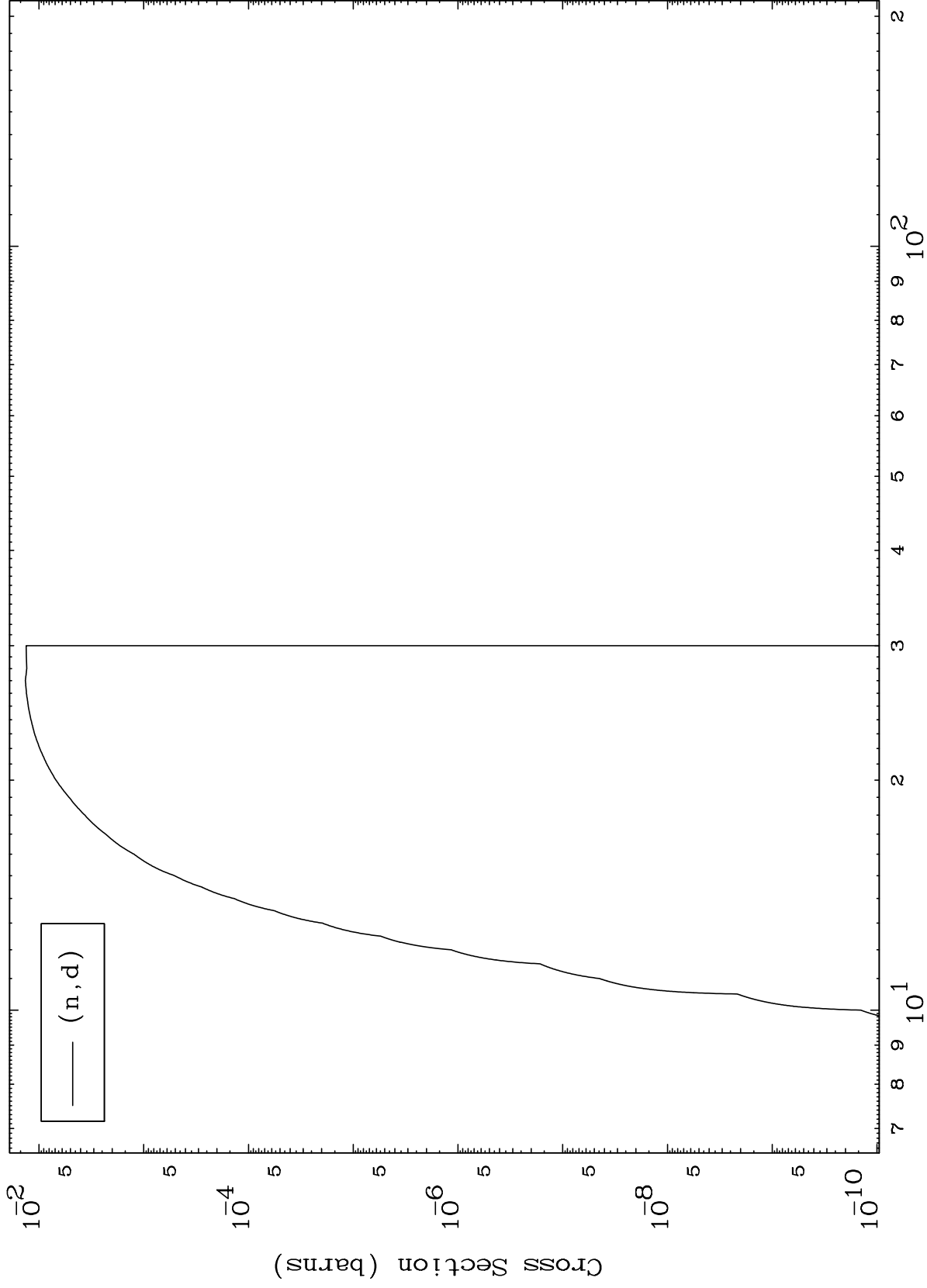
Incident Energy (MeV)

54-Xe-133

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(n,d) Levels
293 Kelvin Cross Sections

54-Xe-133



11

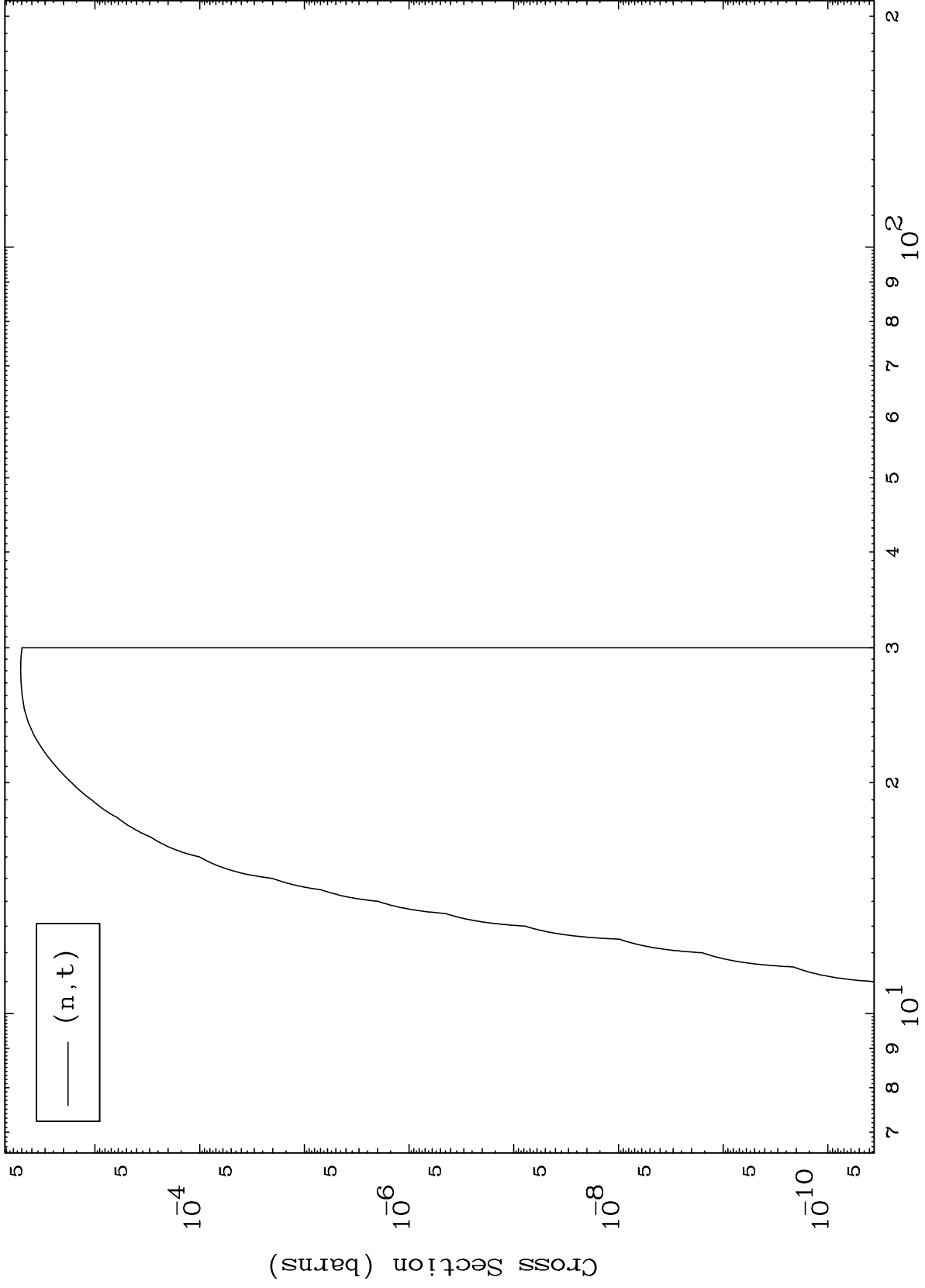
Incident Energy (MeV)

54-Xe-133

MAT 5453

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-133



12

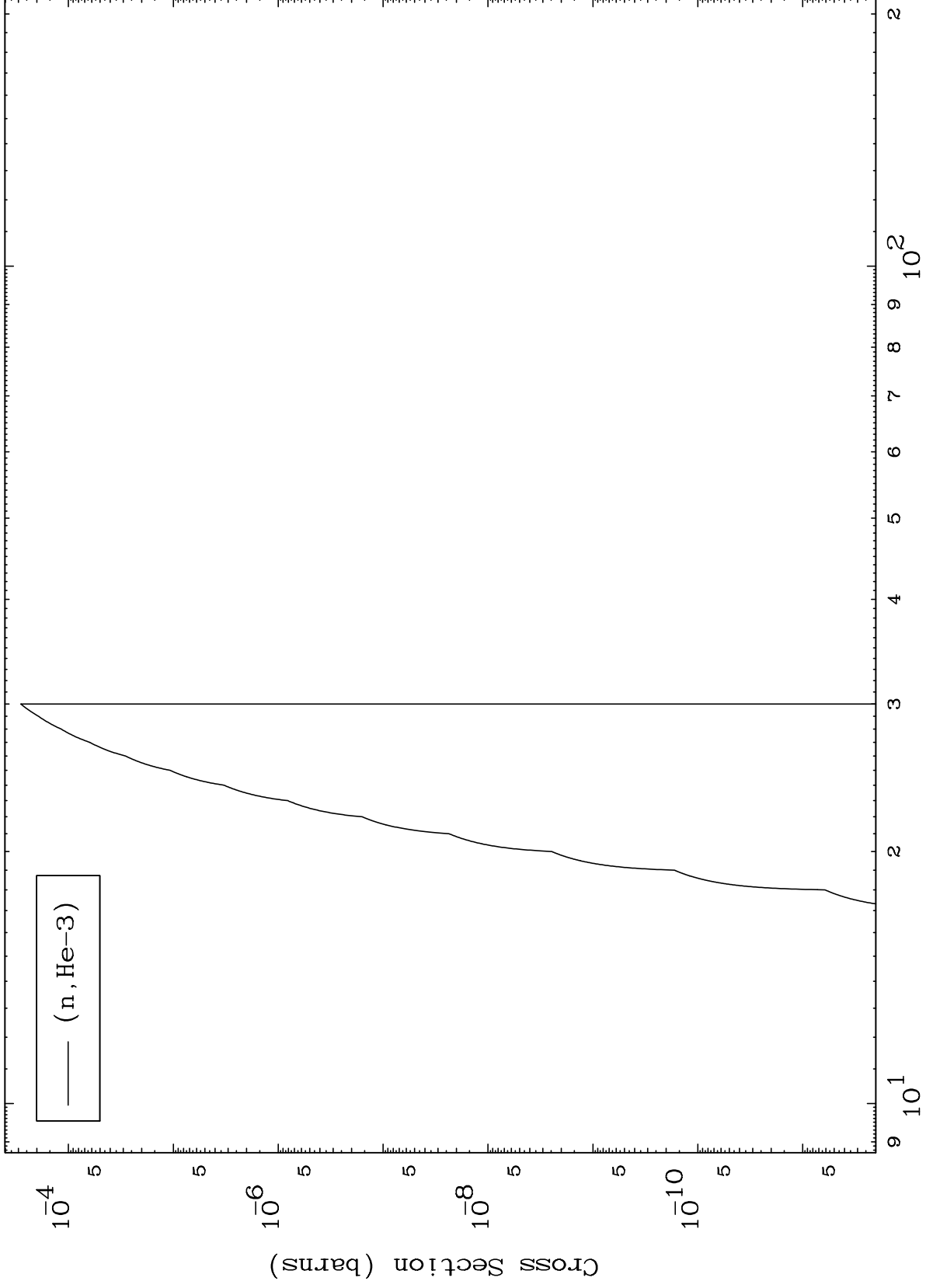
Incident Energy (MeV)

54-Xe-133

MAT 5453

(n,He3) Levels
293 Kelvin Cross Sections

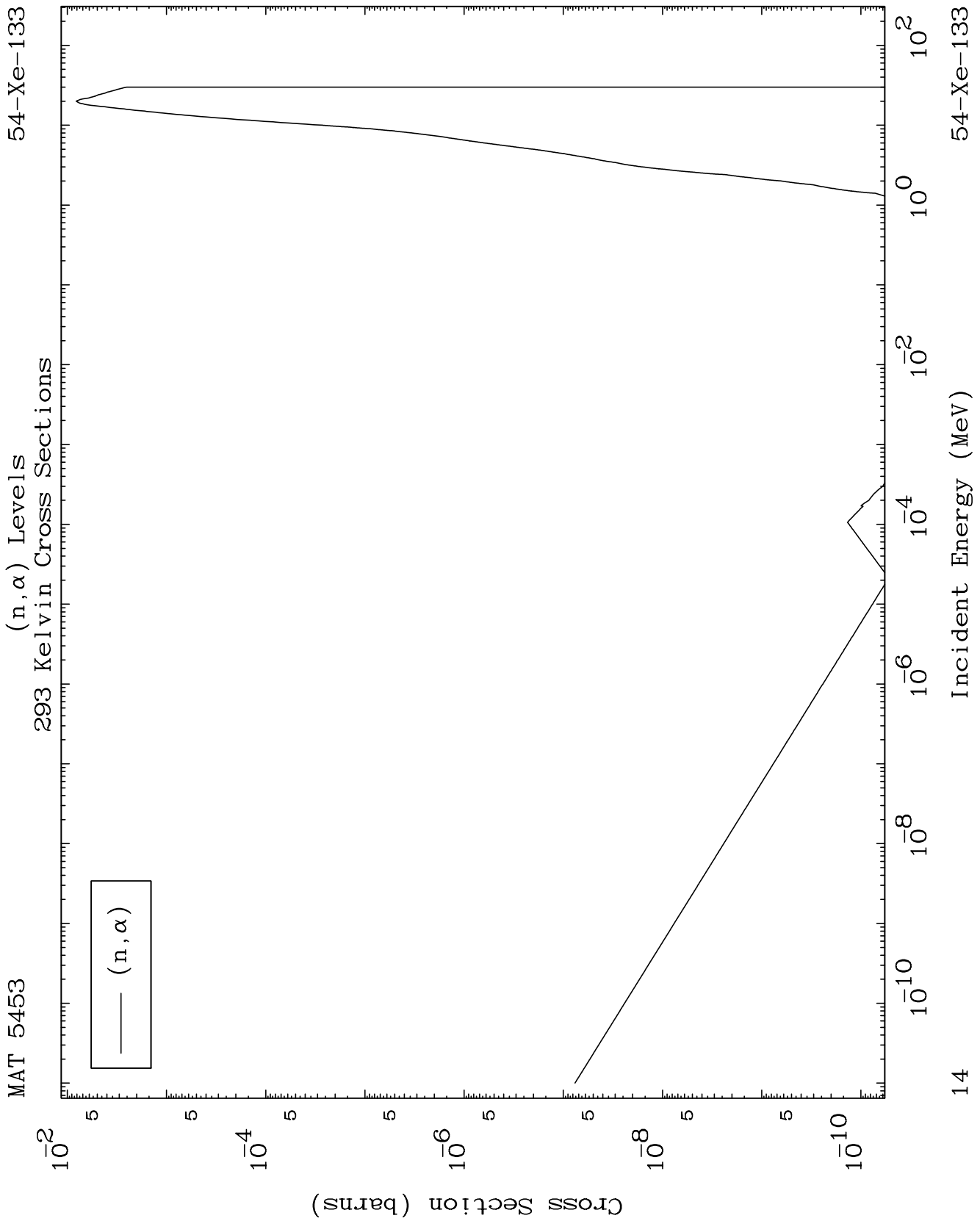
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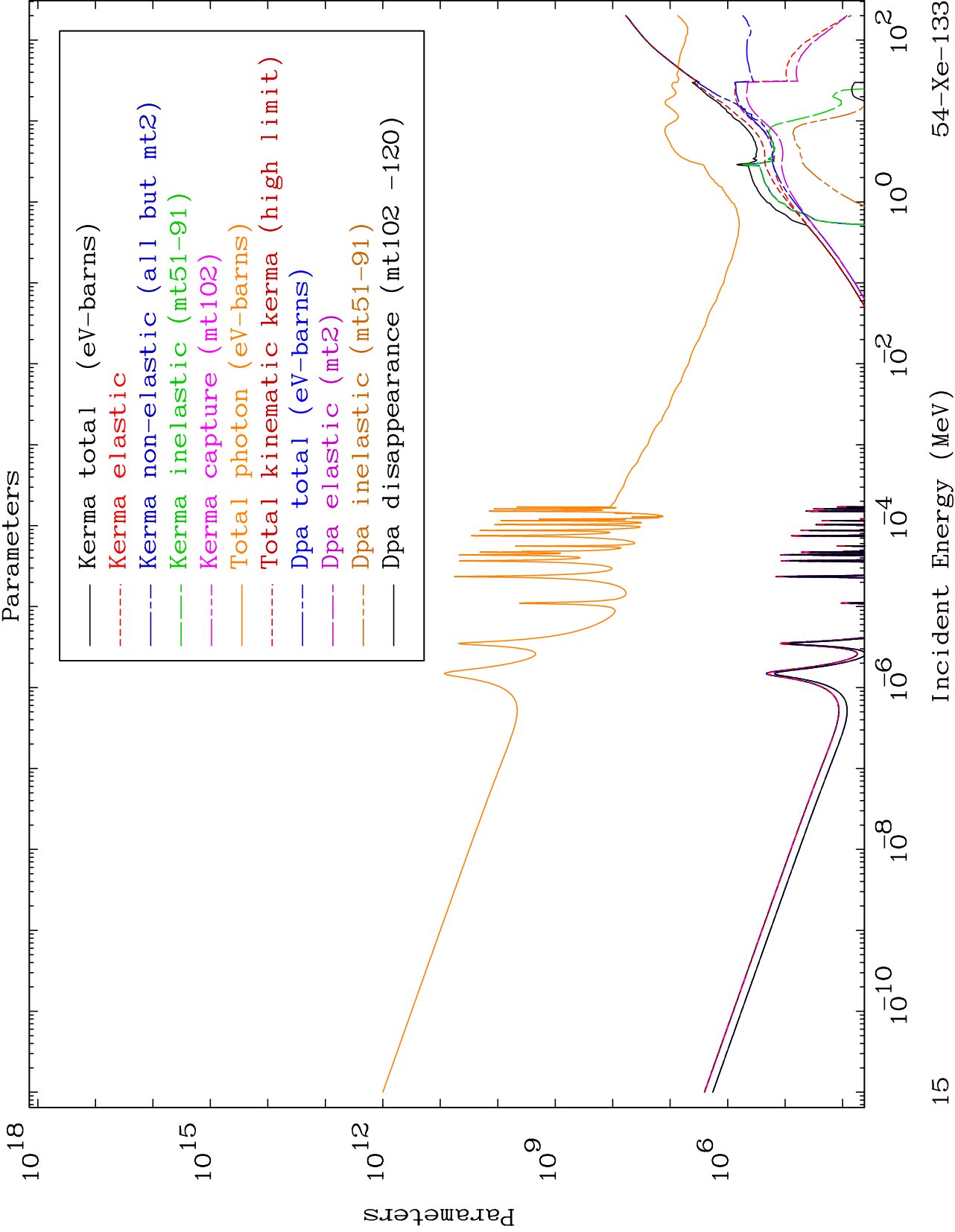


13

Incident Energy (MeV)

54-Xe-133

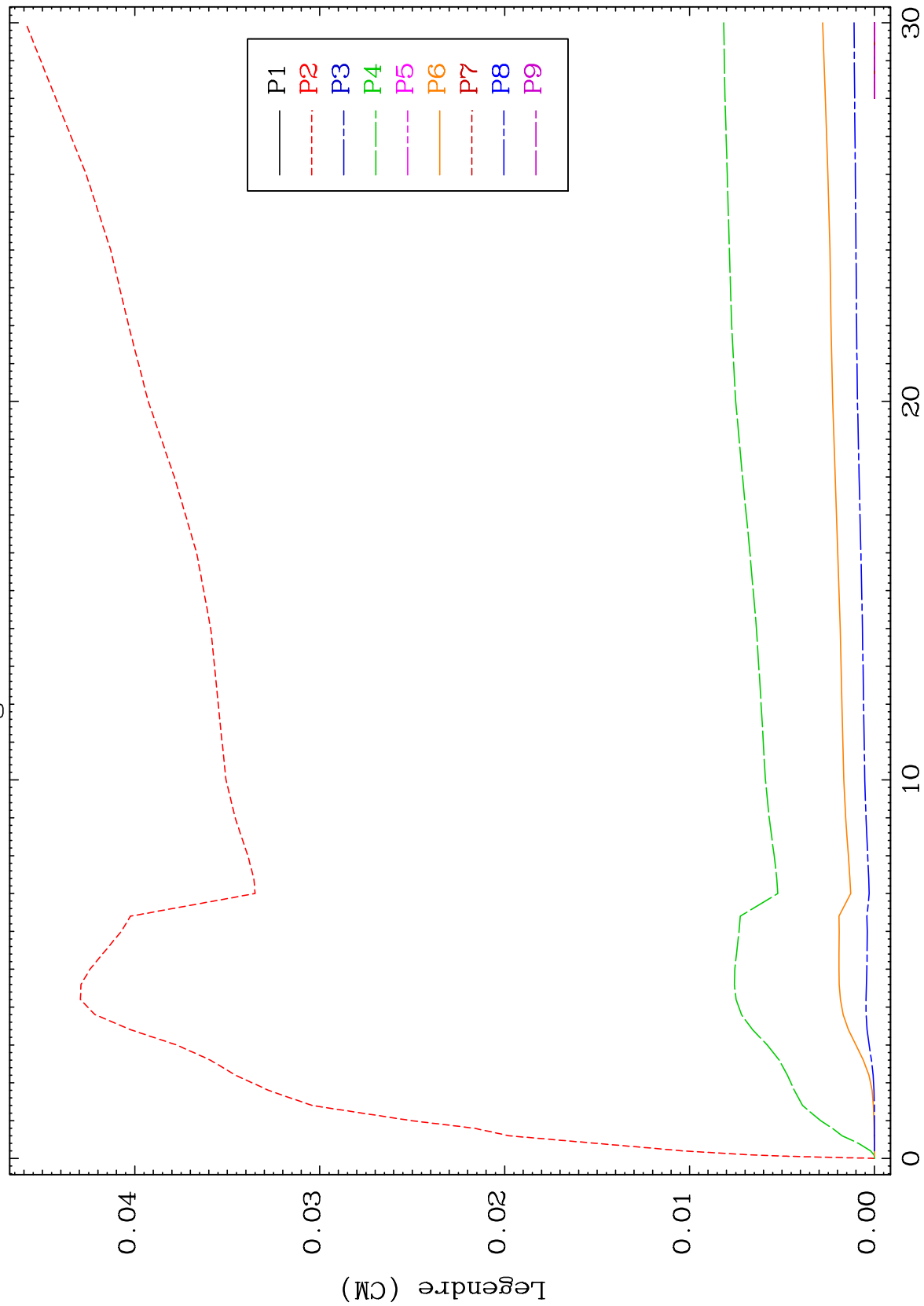




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Elastic Legendre Coefficients

54-Xe-133



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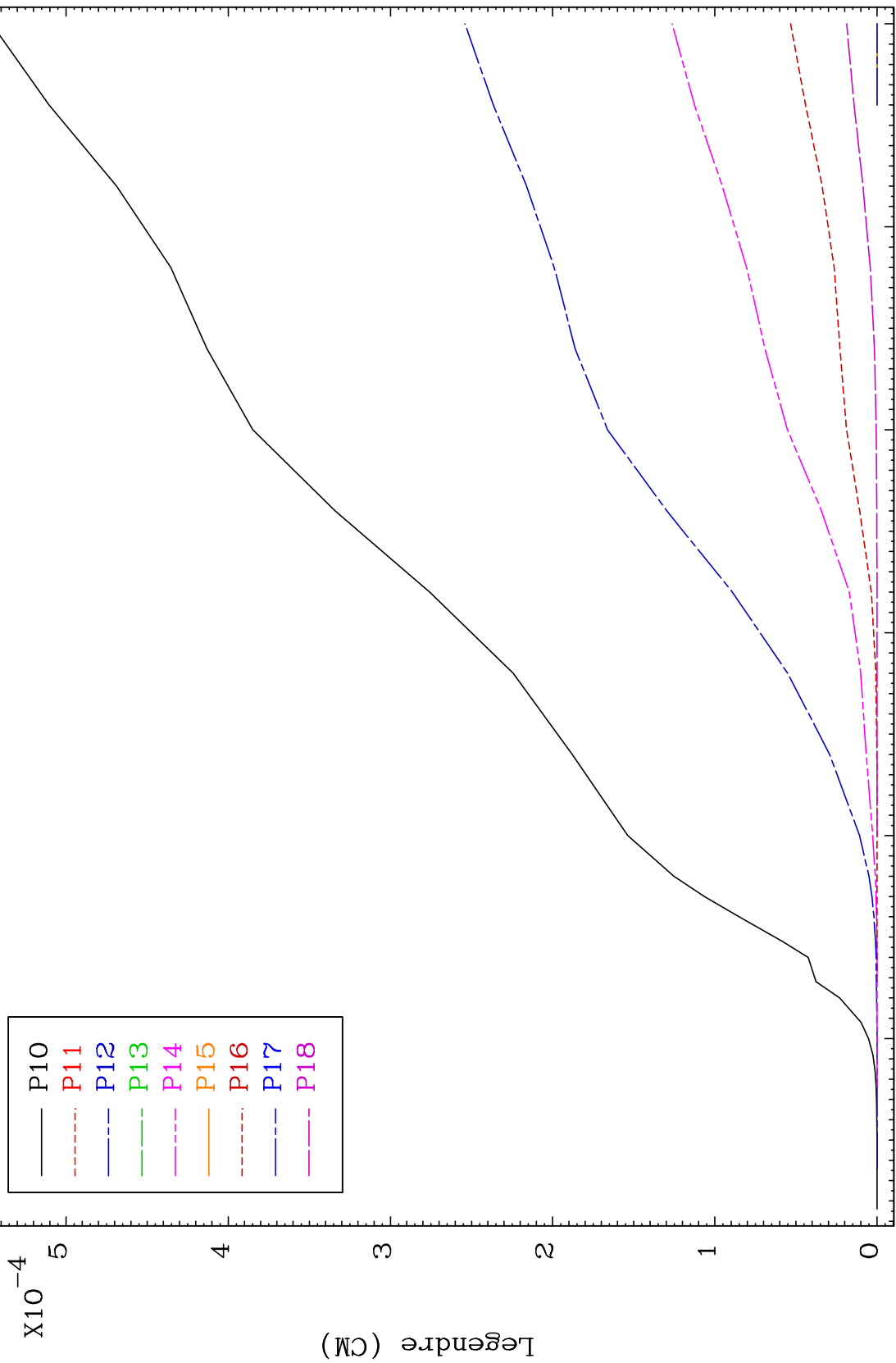
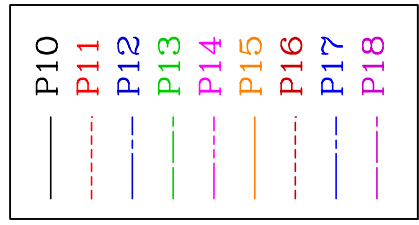
Incident Energy (MeV)

54-Xe-133

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Elastic Legendre Coefficients

54-Xe-133



17

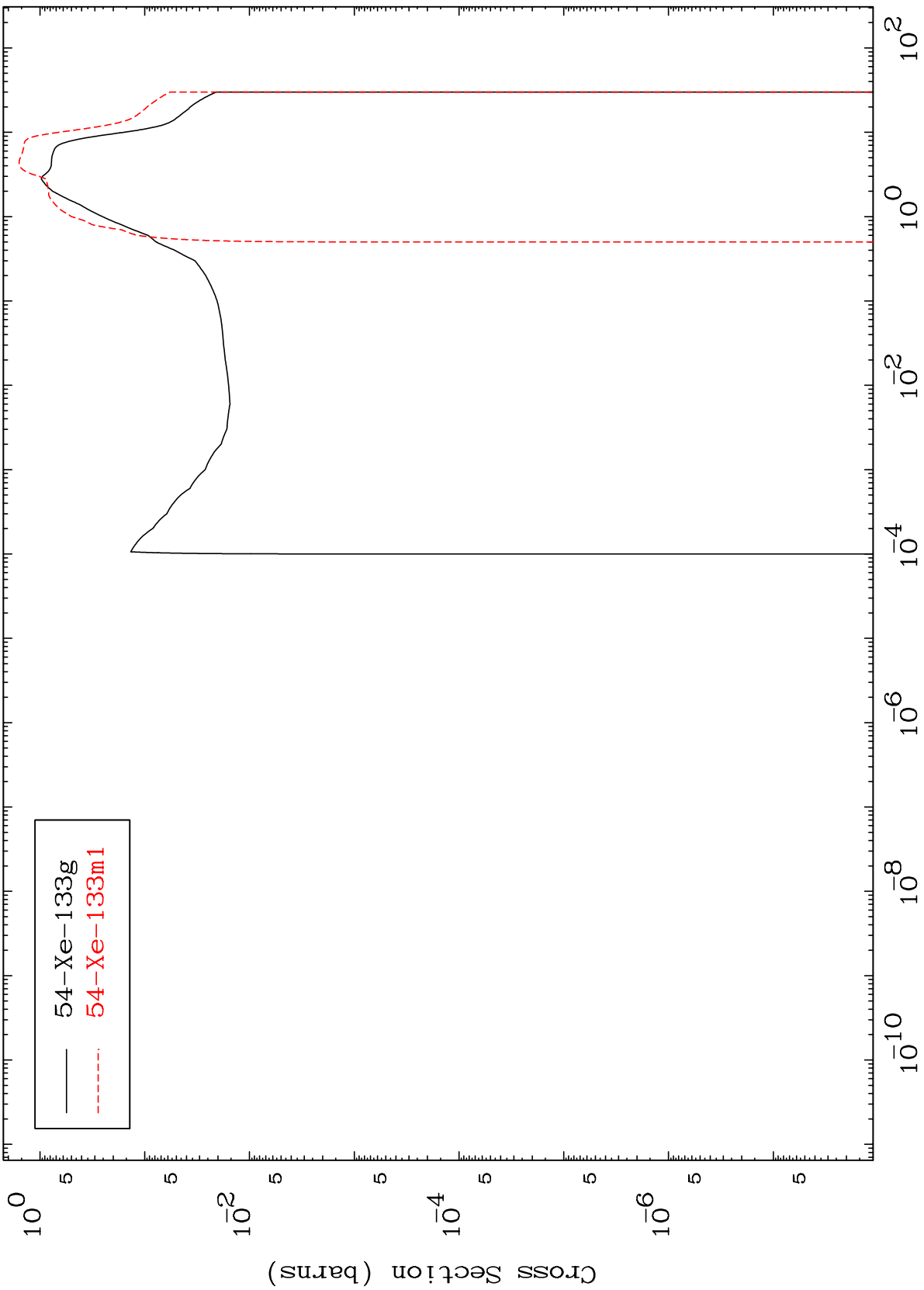
Incident Energy (MeV)

54-Xe-133

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Inelastic
Radionuclide Production Cross Section

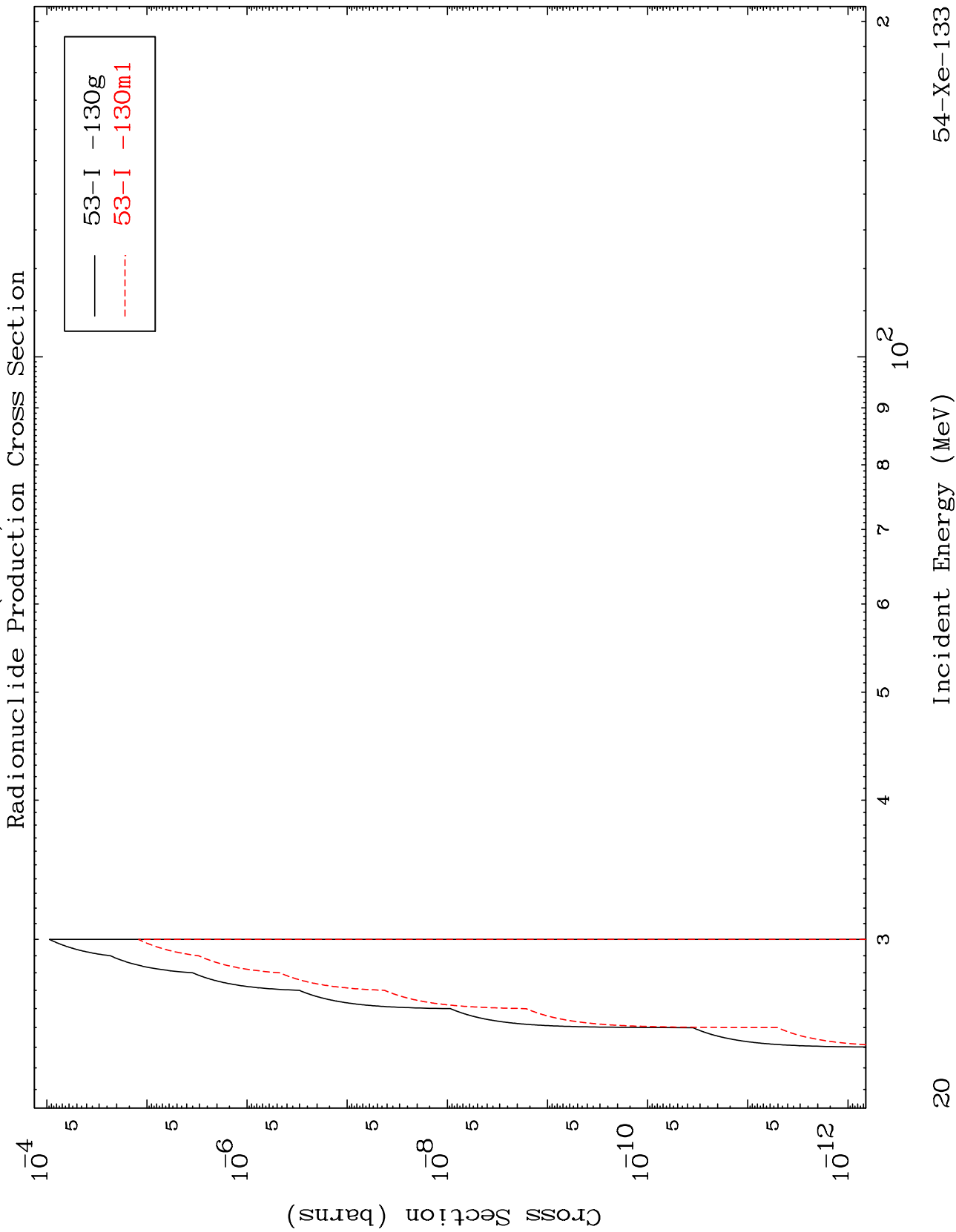
54-Xe-133



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(n,2n) d

54-Xe-133



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Incident Energy (MeV)

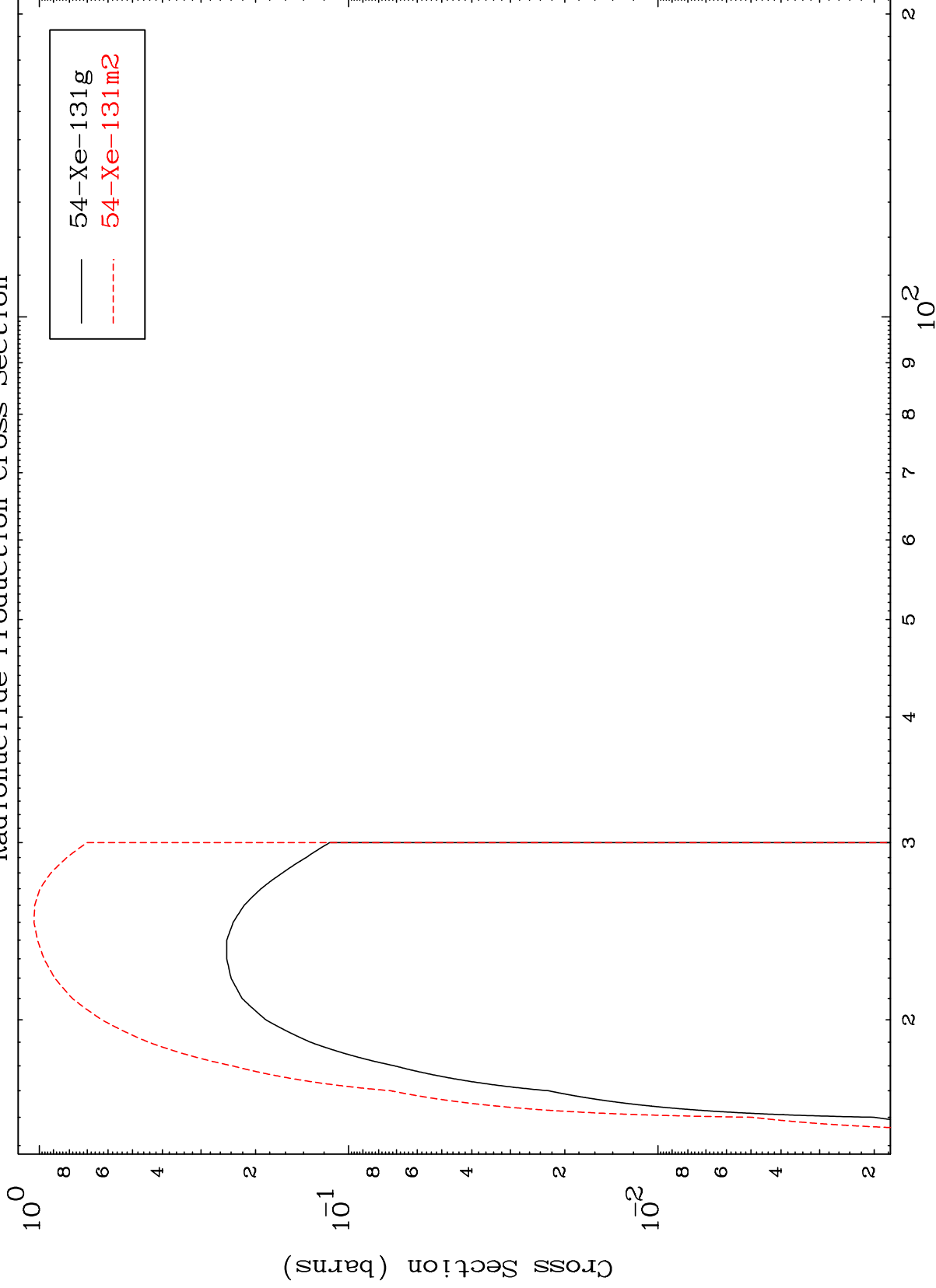
54-Xe-133

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(n,3n)

54-Xe-133

Radionuclide Production Cross Section



54-Xe-131g
54-Xe-131m2

21

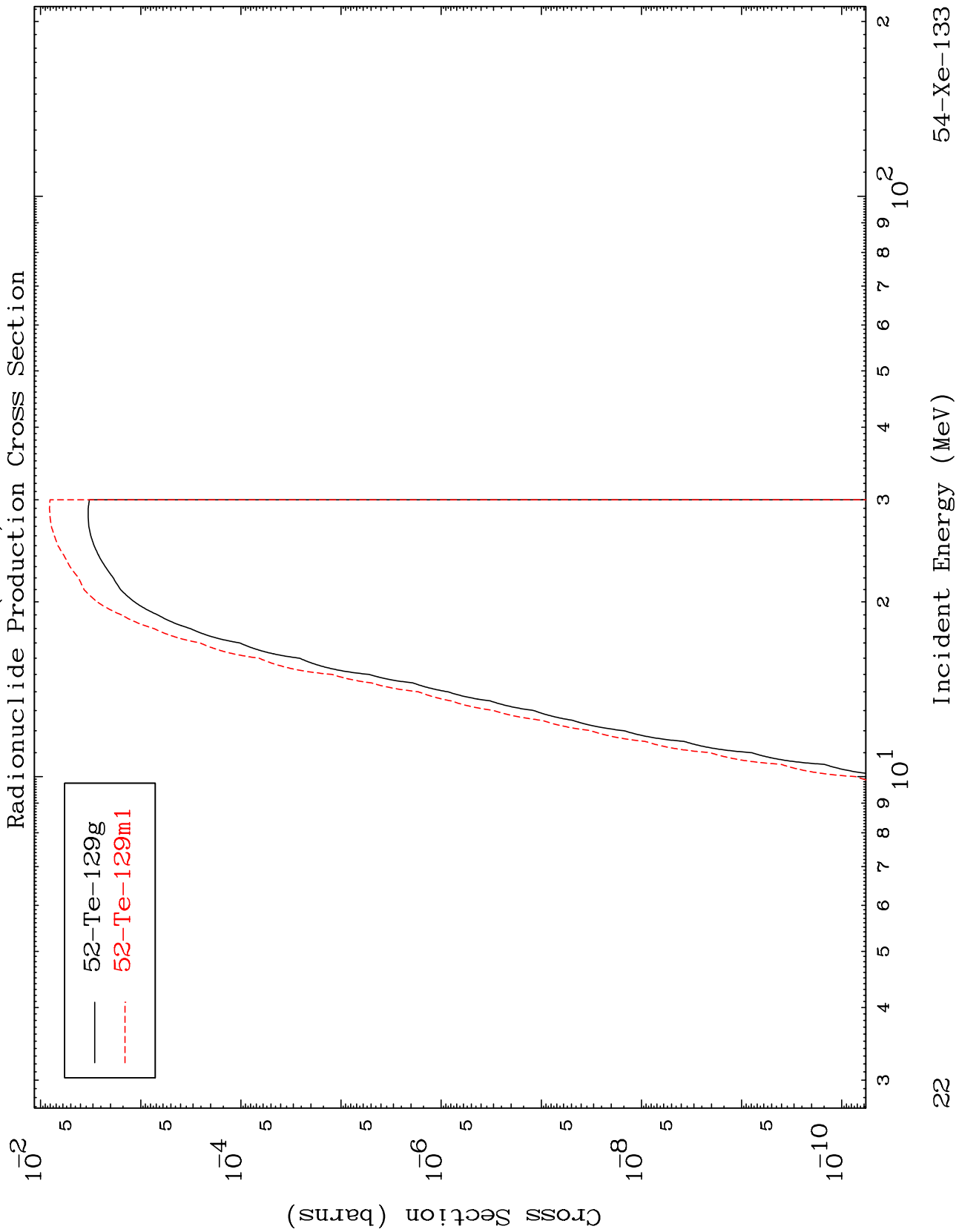
Incident Energy (MeV)

54-Xe-133

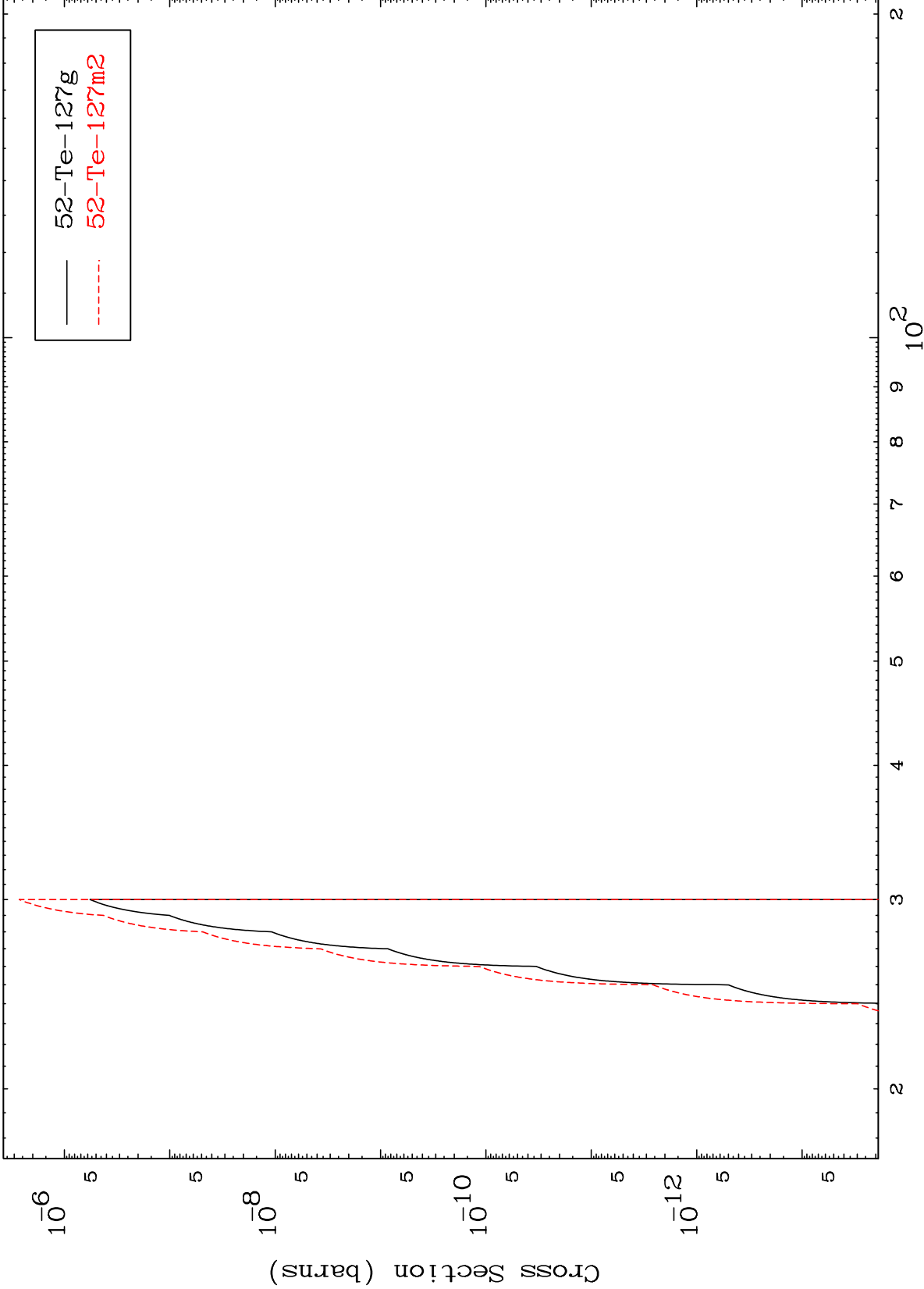
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(n,n') α

54-Xe-133



Radionuclide Production Cross Section



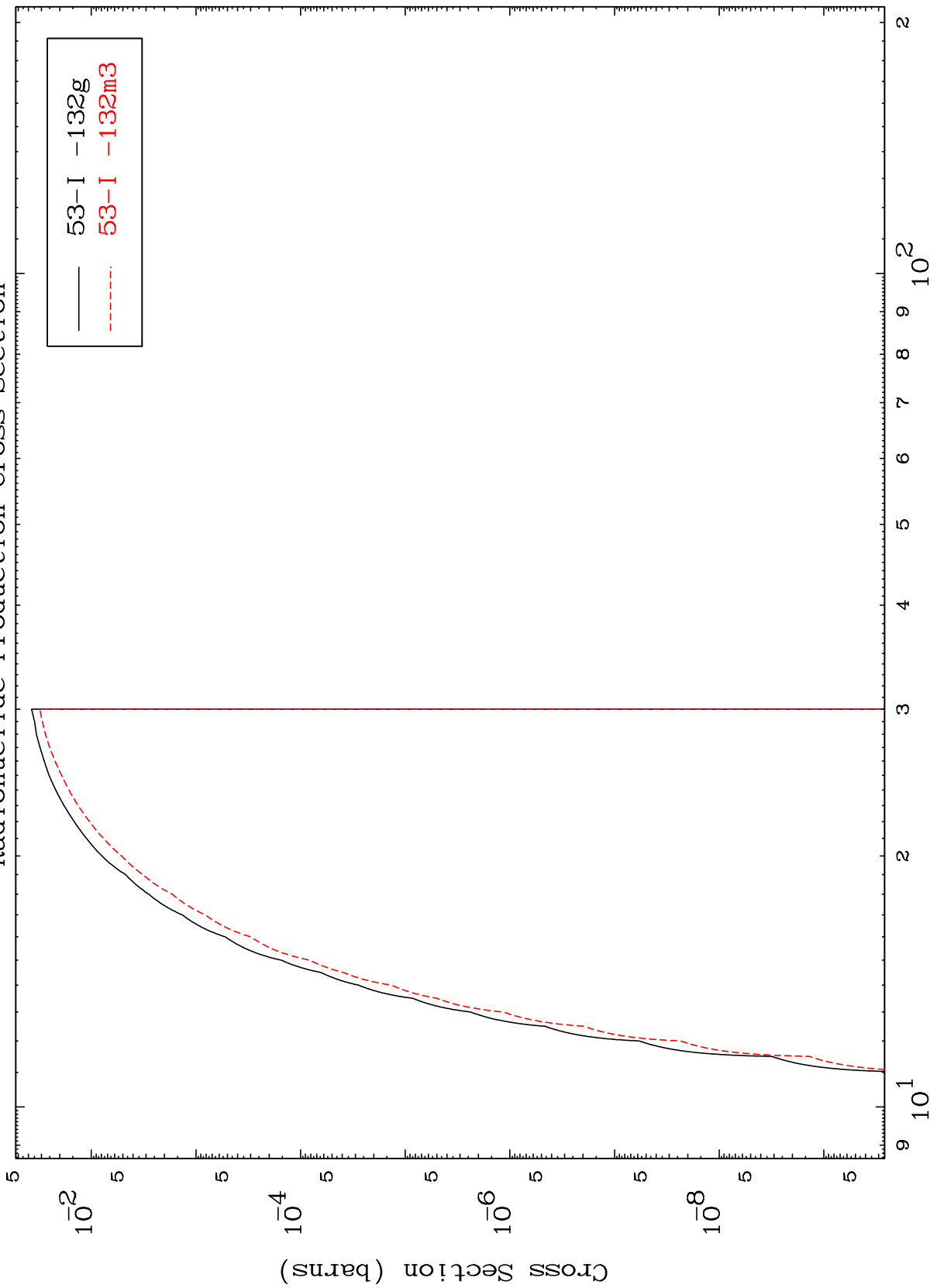
52-Te-127g
52-Te-127m2

MAT 5453

(n,n') p

54-Xe-133

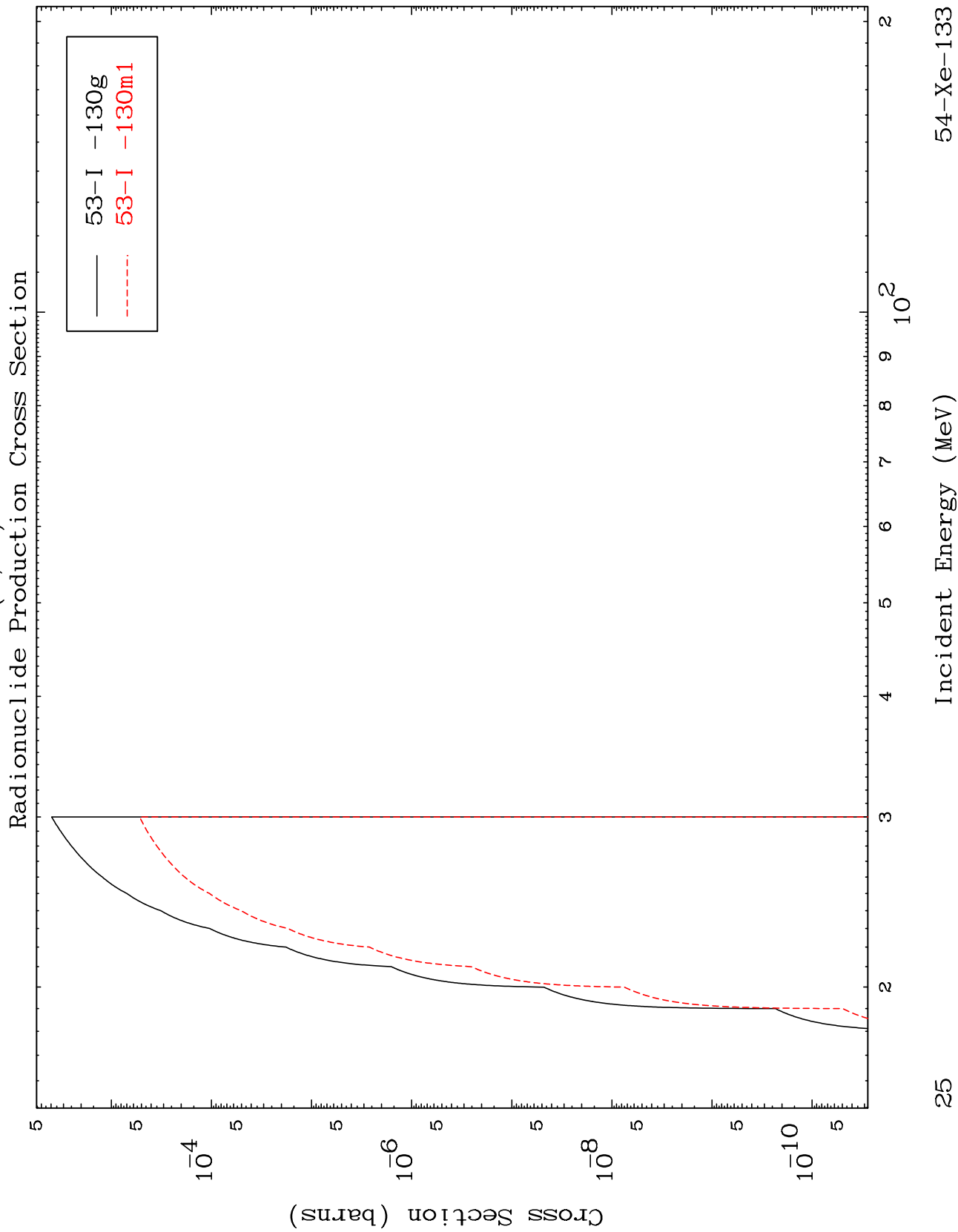
Radionuclide Production Cross Section



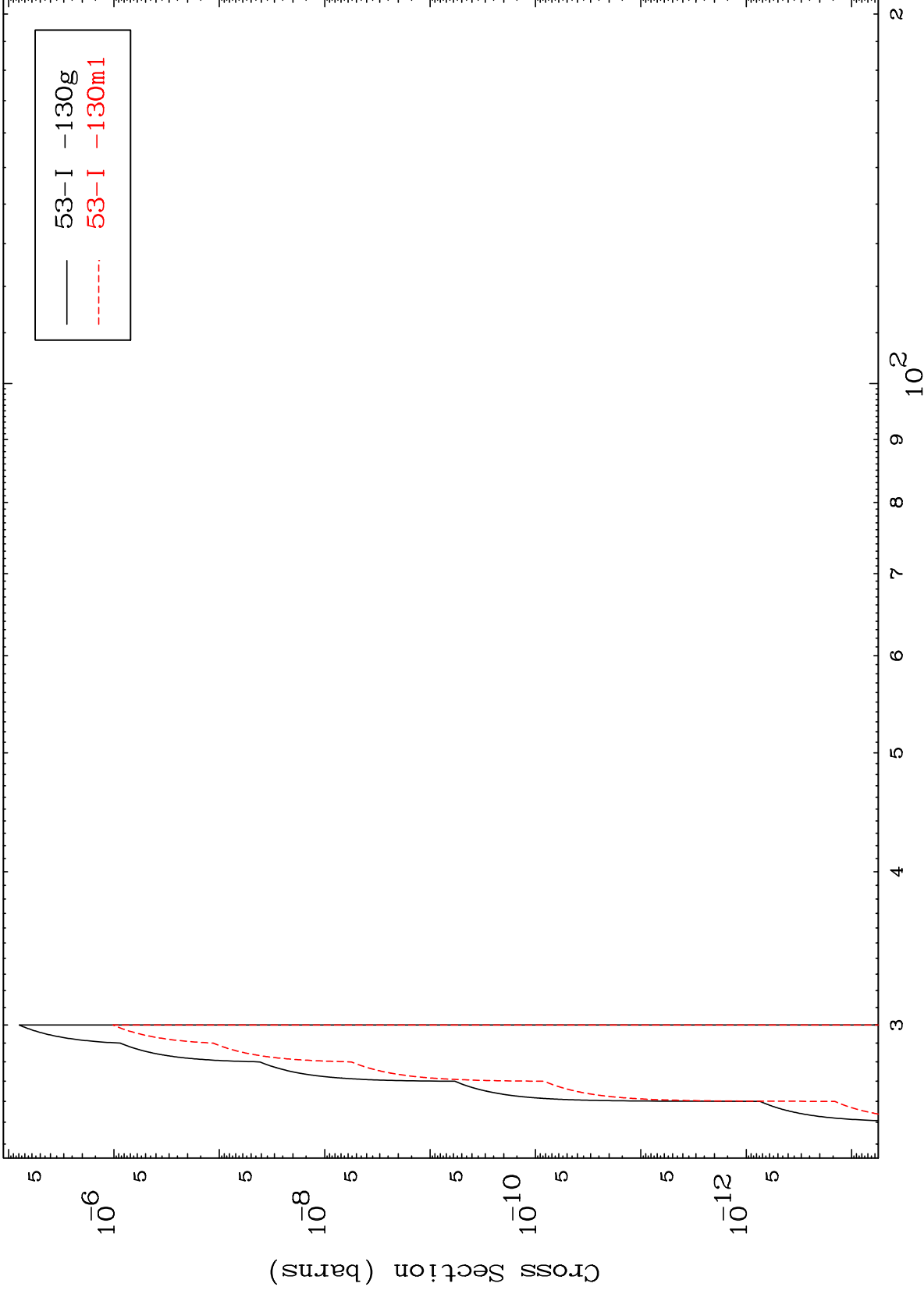
24

Incident Energy (MeV)

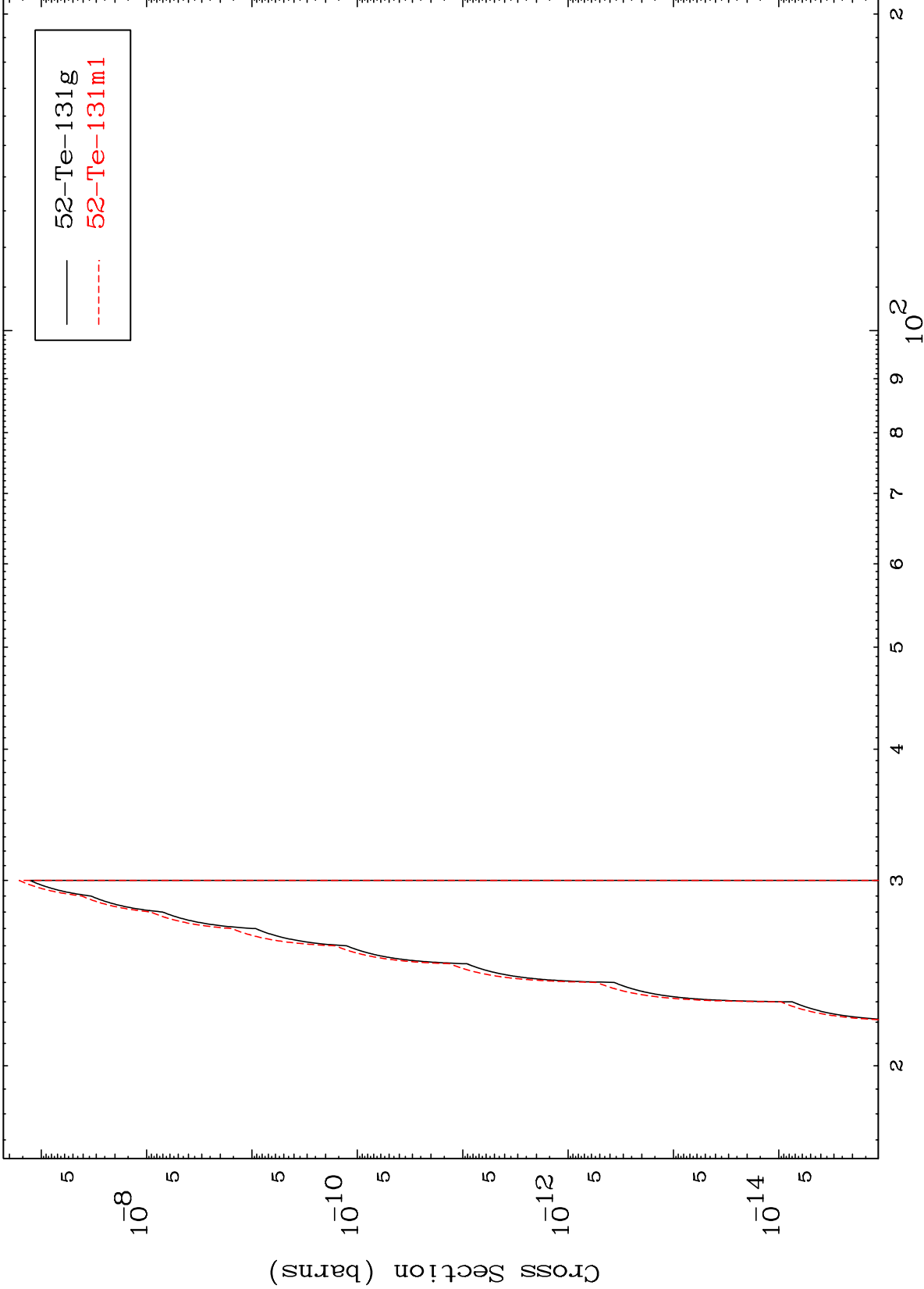
54-Xe-133



Radionuclide Production Cross Section



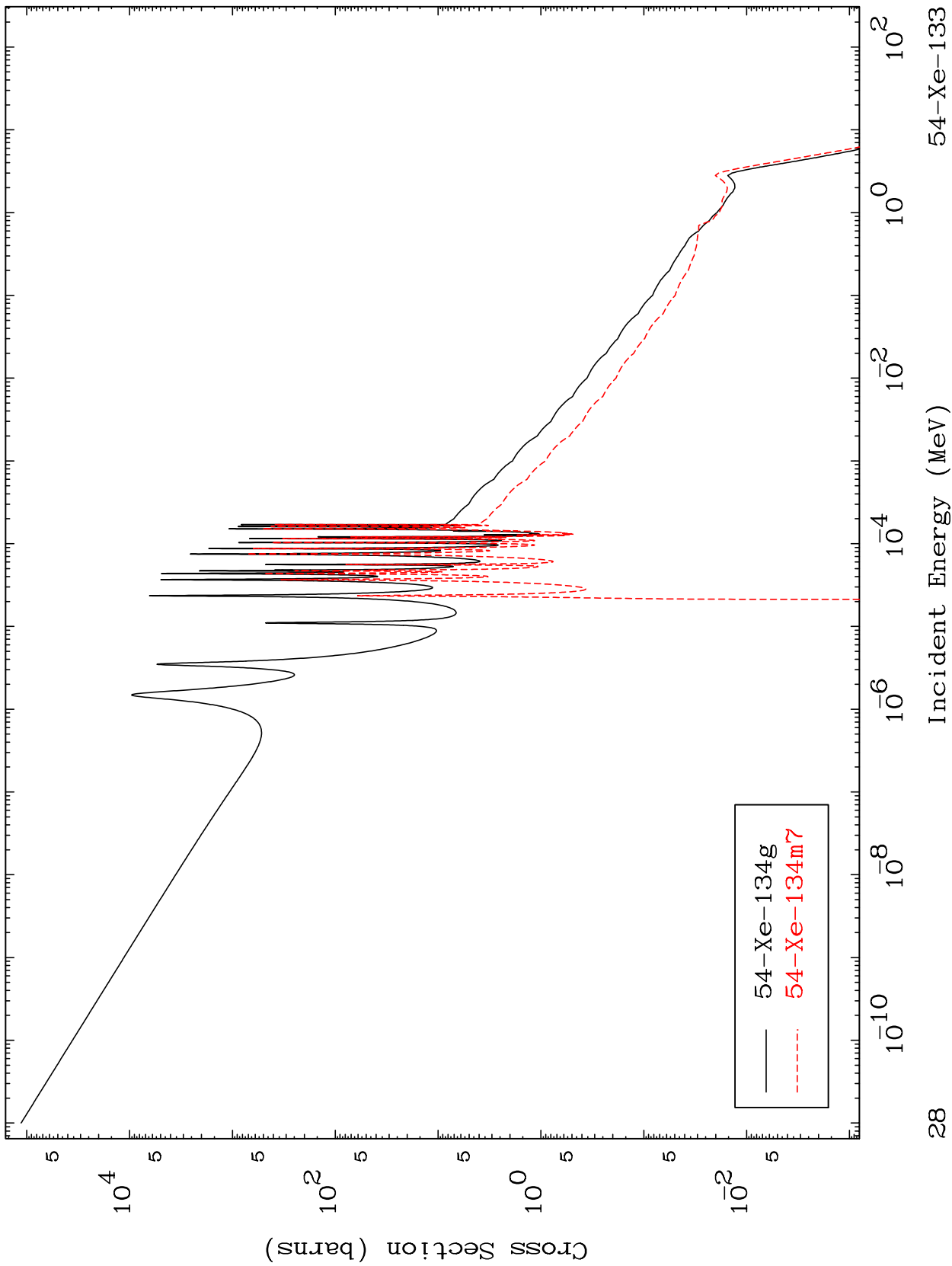
Radionuclide Production Cross Section



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54-Xe-133

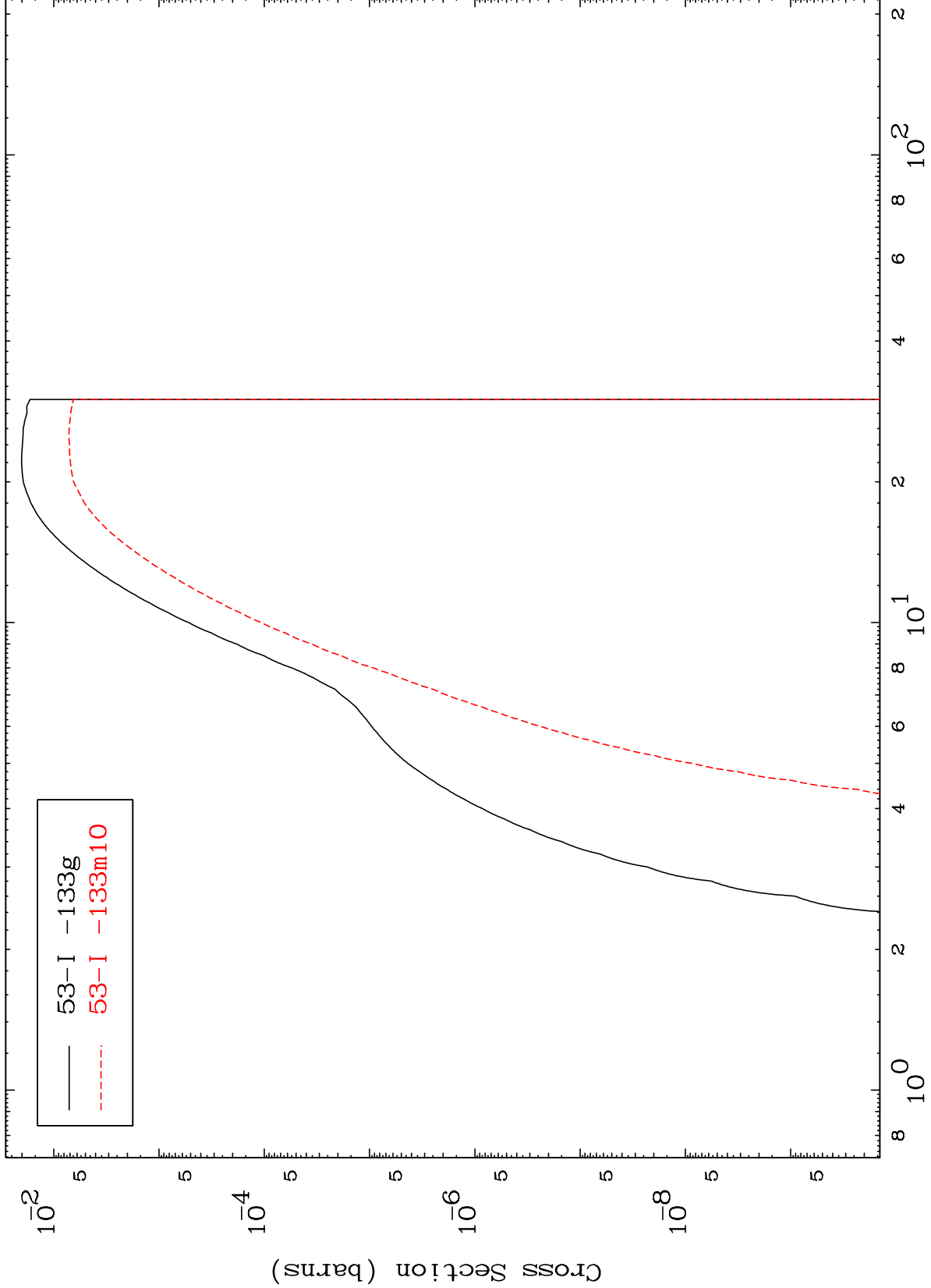
(n, γ)
Radionuclide Production Cross Section



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54-Xe-133

(n,p)
Radionuclide Production Cross Section



29

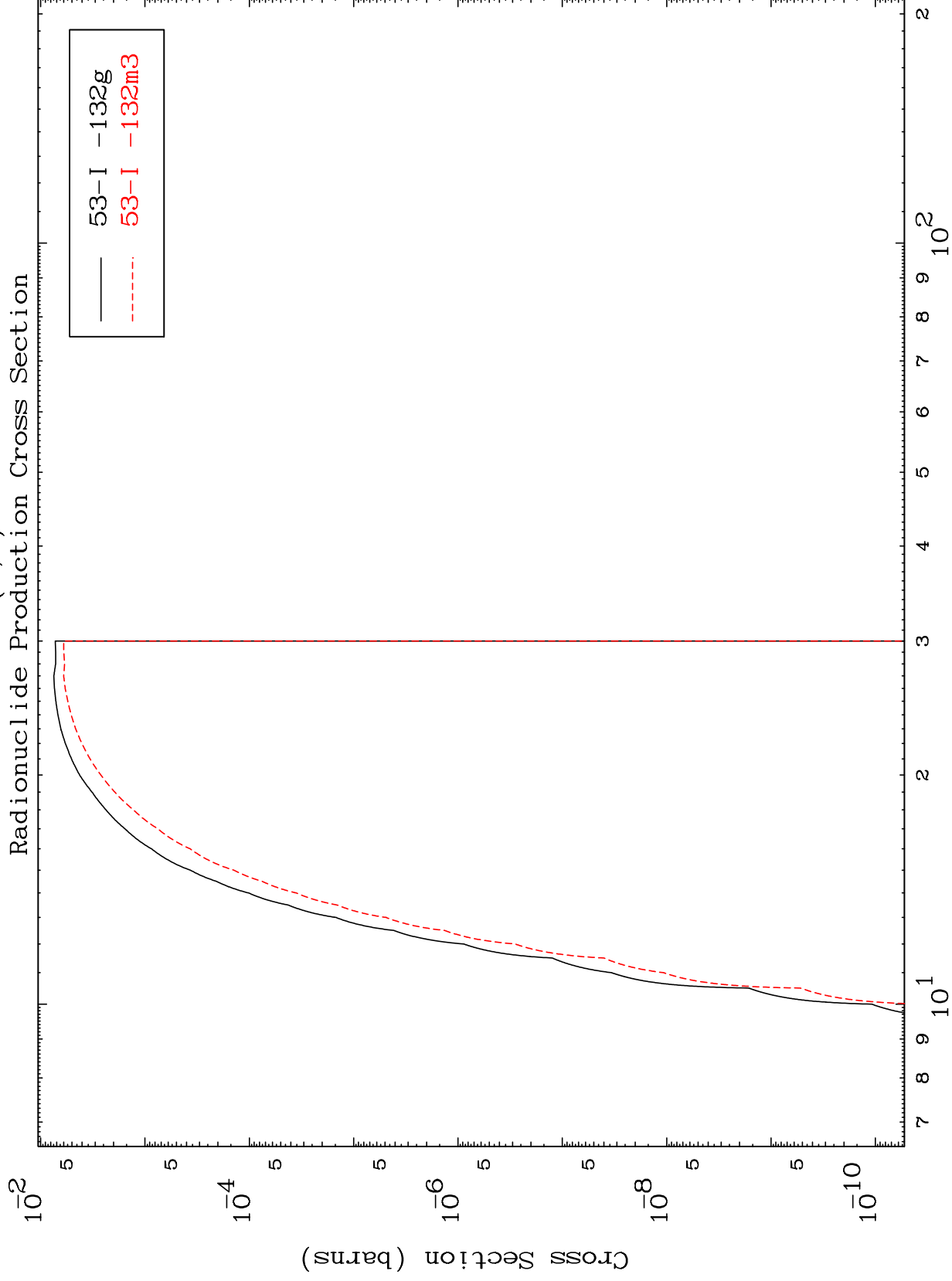
Incident Energy (MeV)

54-Xe-133

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(n,d)

54-Xe-133



30

Incident Energy (MeV)

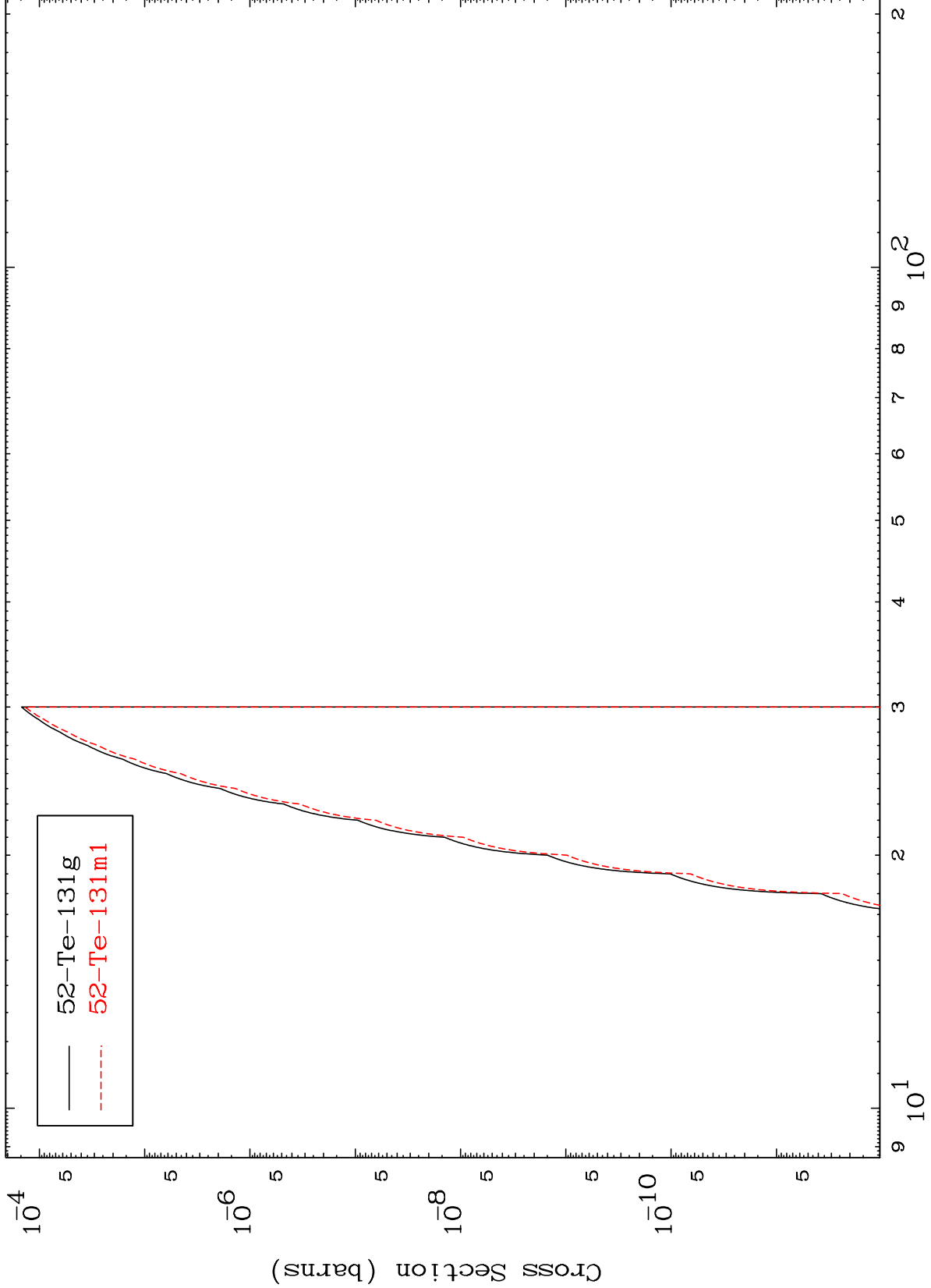
54-Xe-133

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(n,He-3)

54-Xe-133

Radionuclide Production Cross Section



31

Incident Energy (MeV)

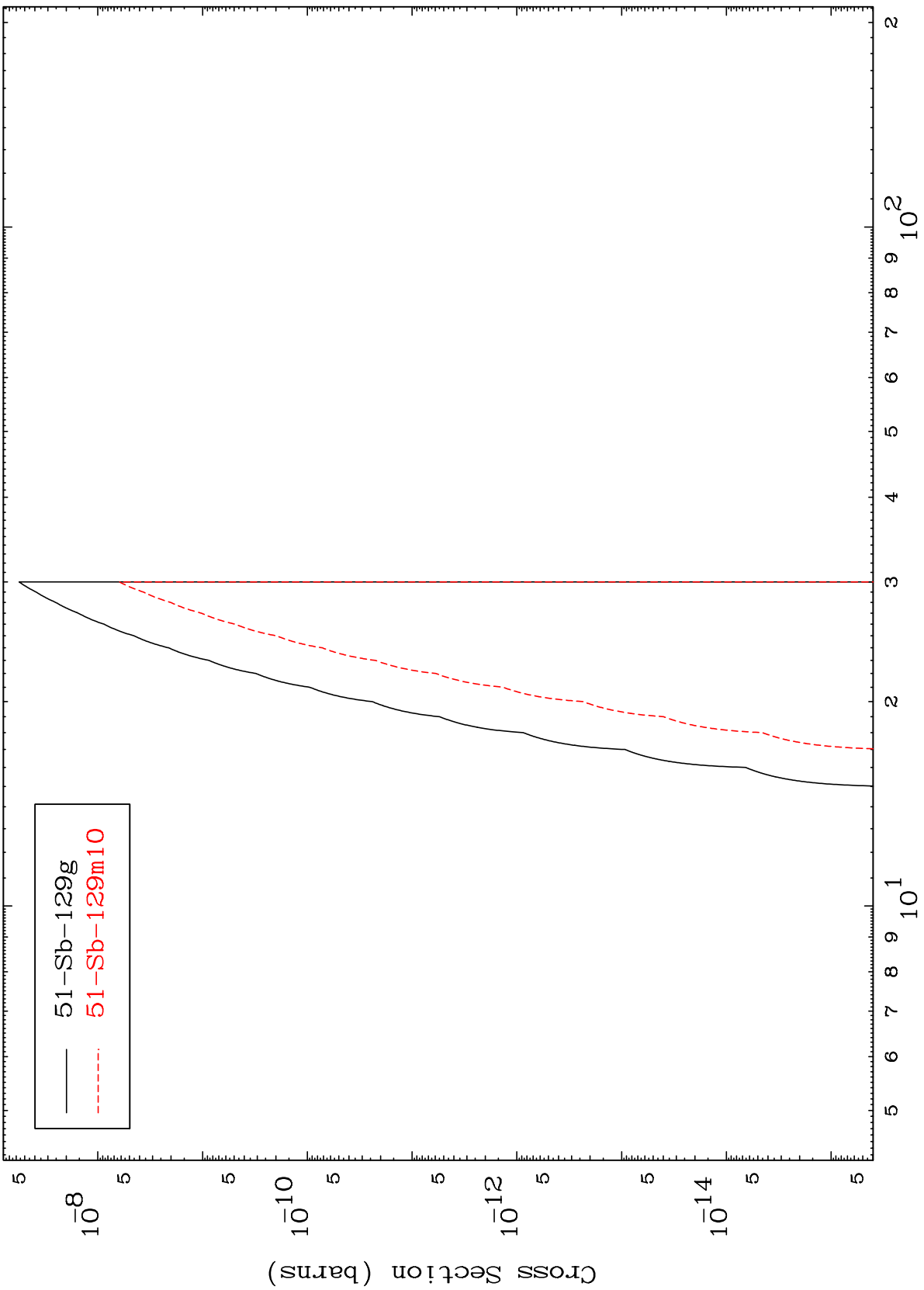
54-Xe-133

MAT 5453

(n,p) α

54-Xe-133

Radionuclide Production Cross Section



32

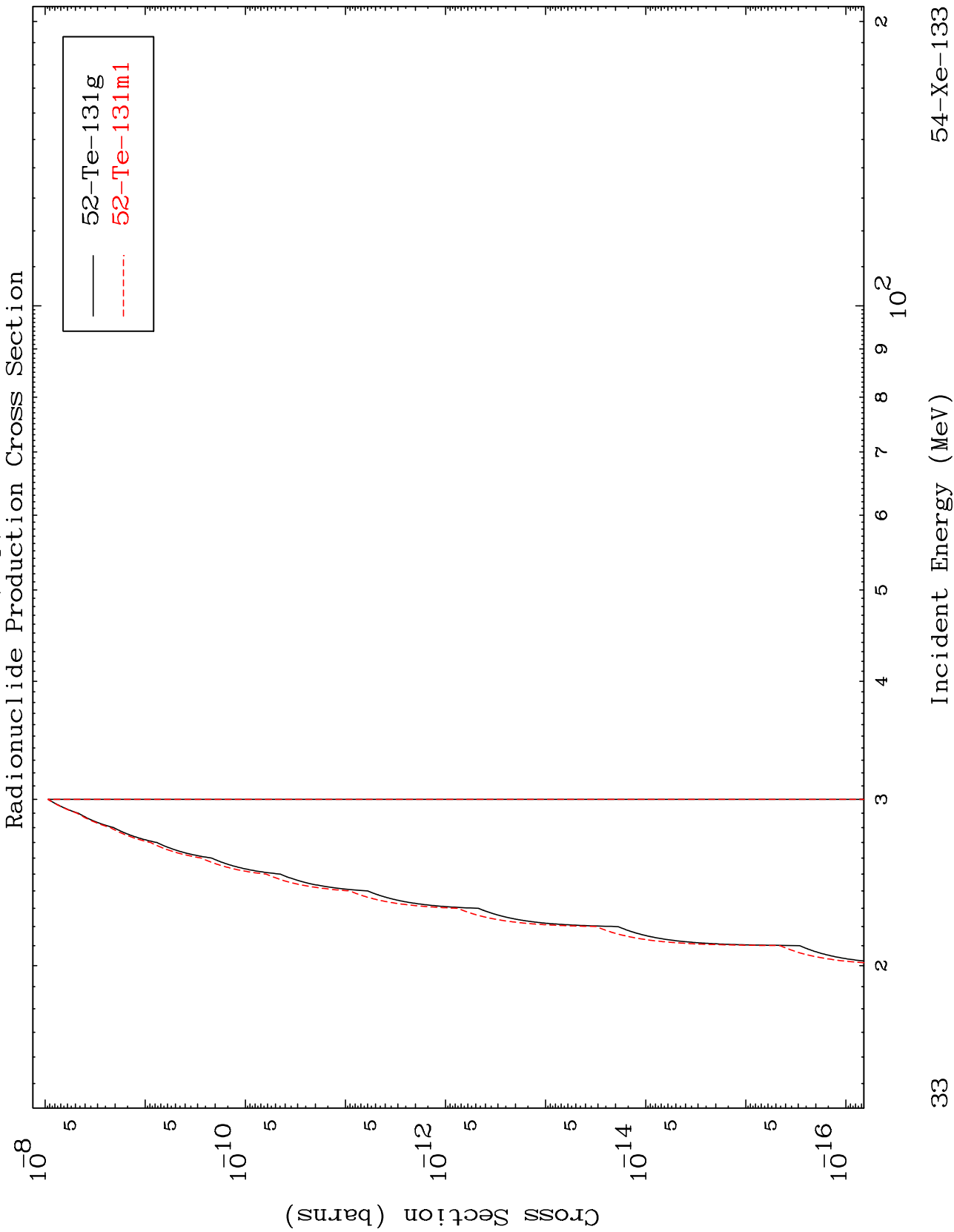
Incident Energy (MeV)

54-Xe-133

MAT 5453

(n,p) d

54-Xe-133



33

54-Xe-133