

Program EVALPLOT  
(Version 2017-1)

by

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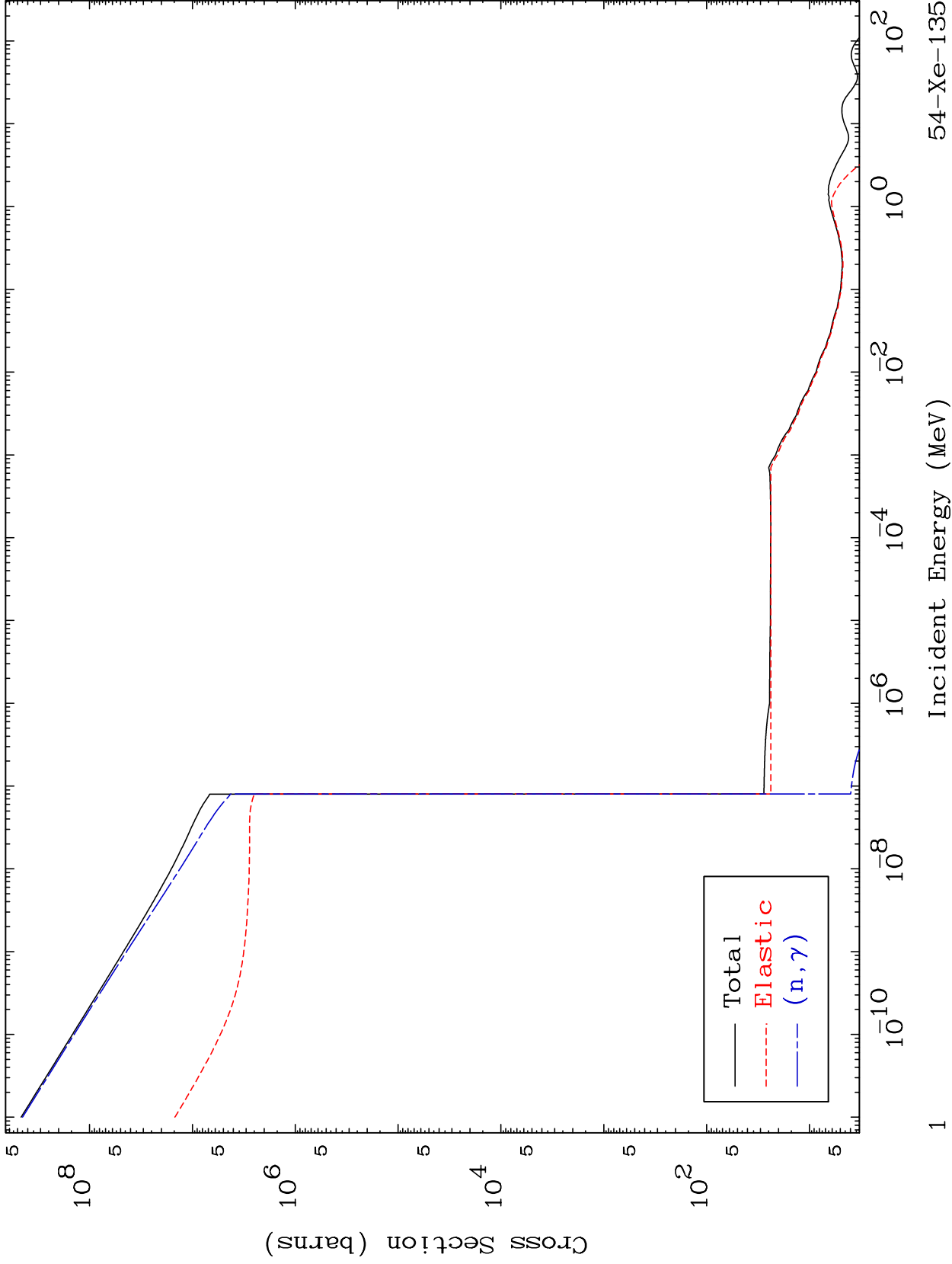
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Press Mouse Button to Start

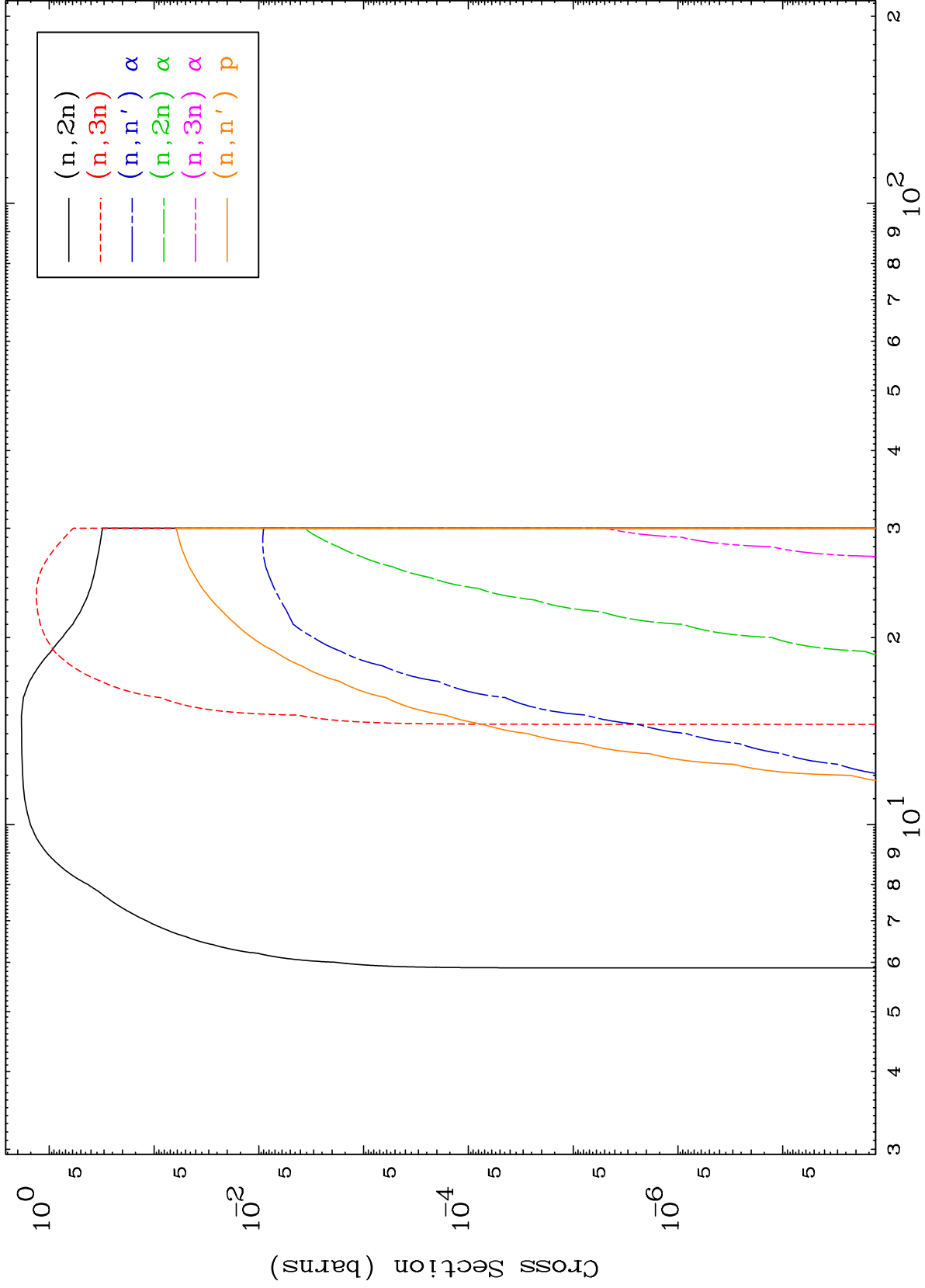
MAT 5459

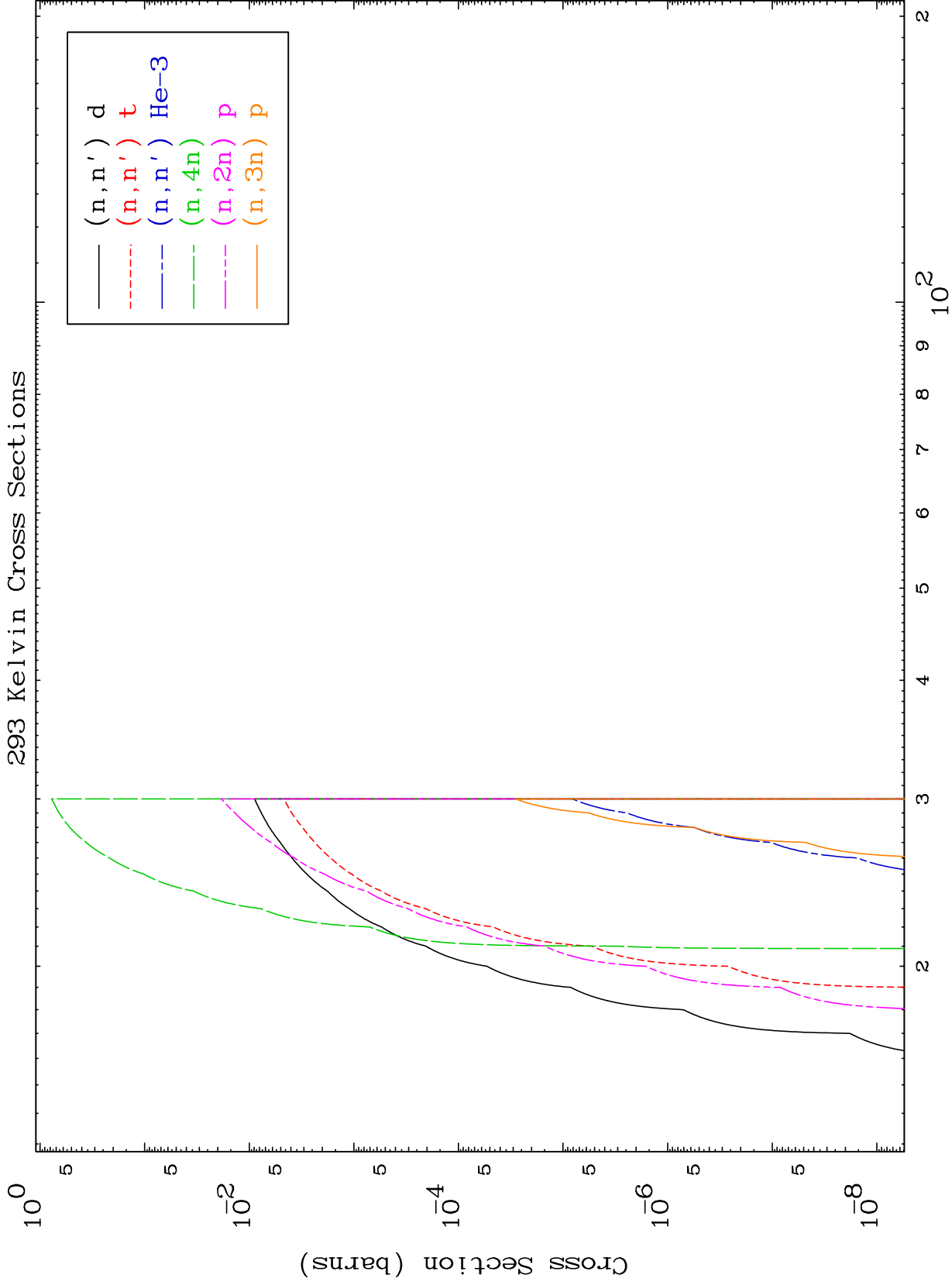
Major  
293 Kelvin Cross Sections

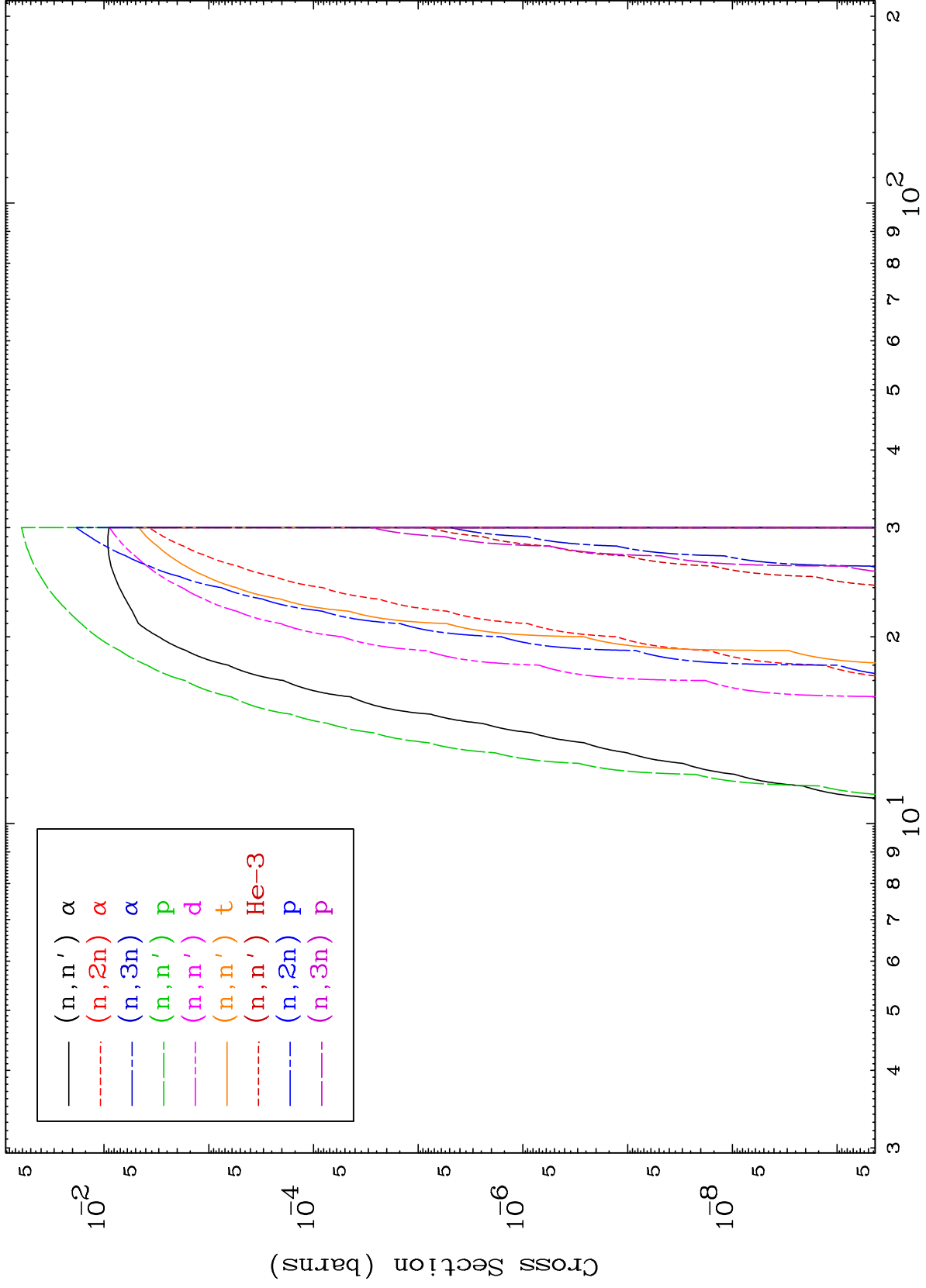
54-Xe-135



Neutron Production  
293 Kelvin Cross Sections



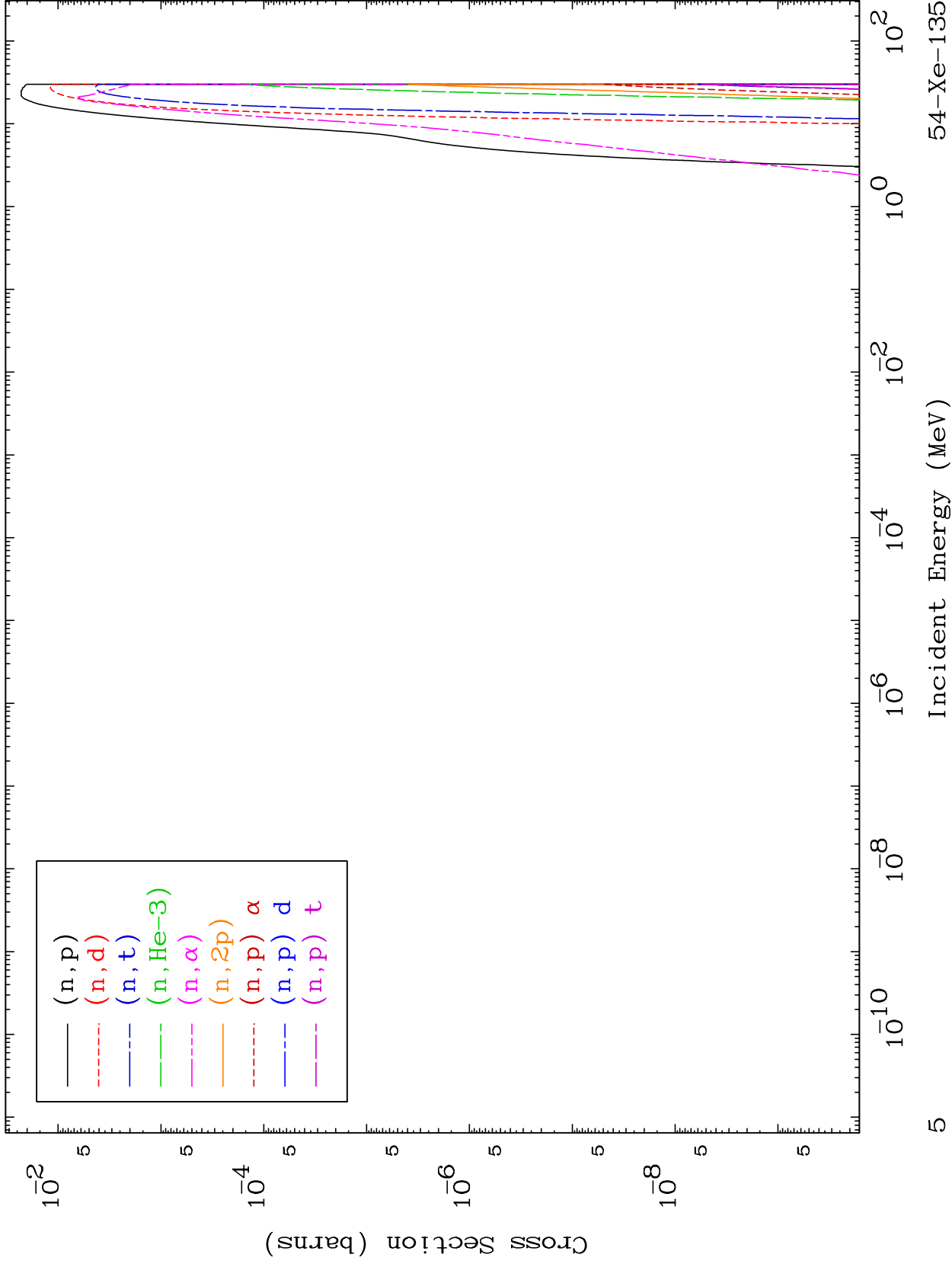




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Charged Particle  
293 Kelvin Cross Sections

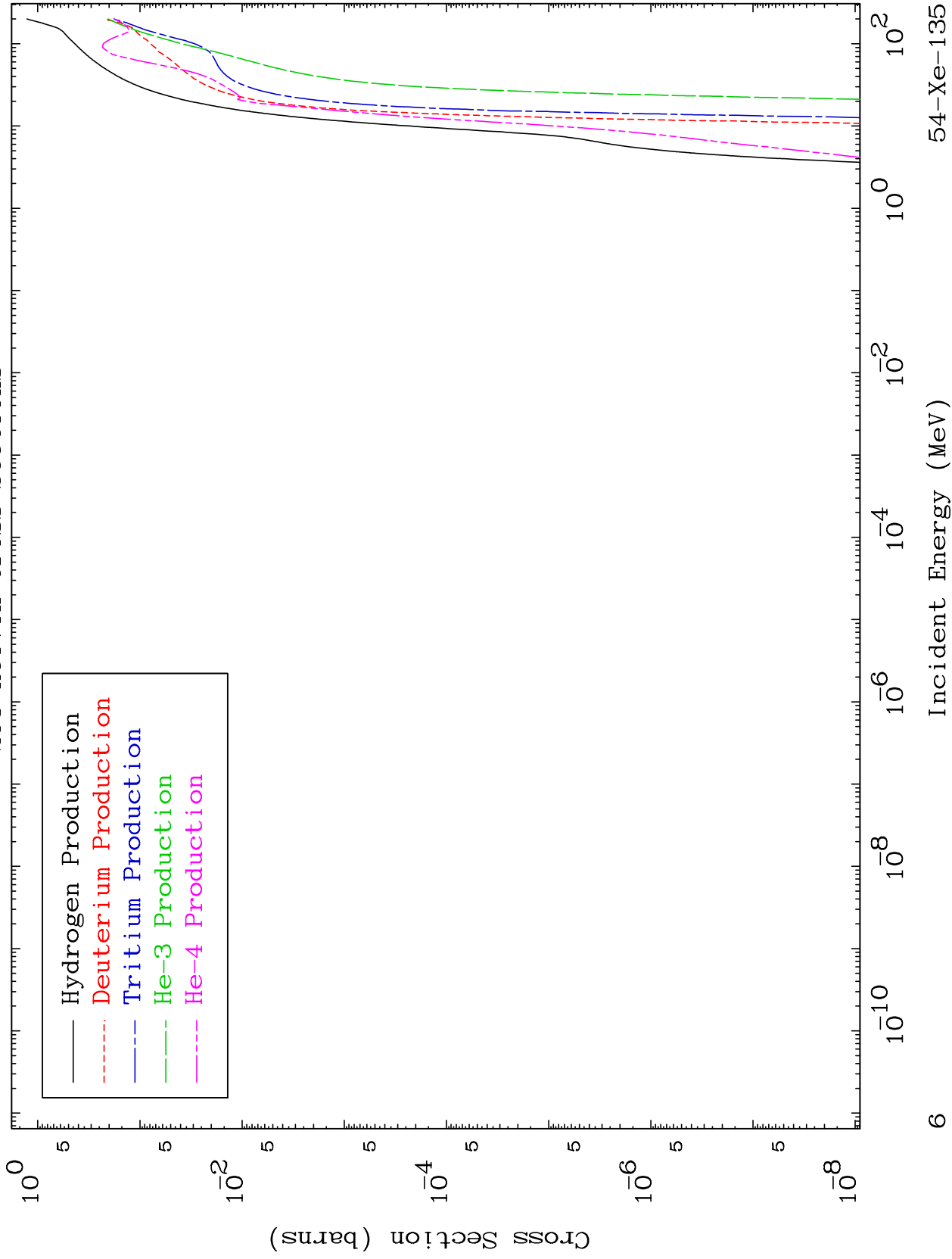
54-Xe-135



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Particle Production  
293 Kelvin Cross Sections

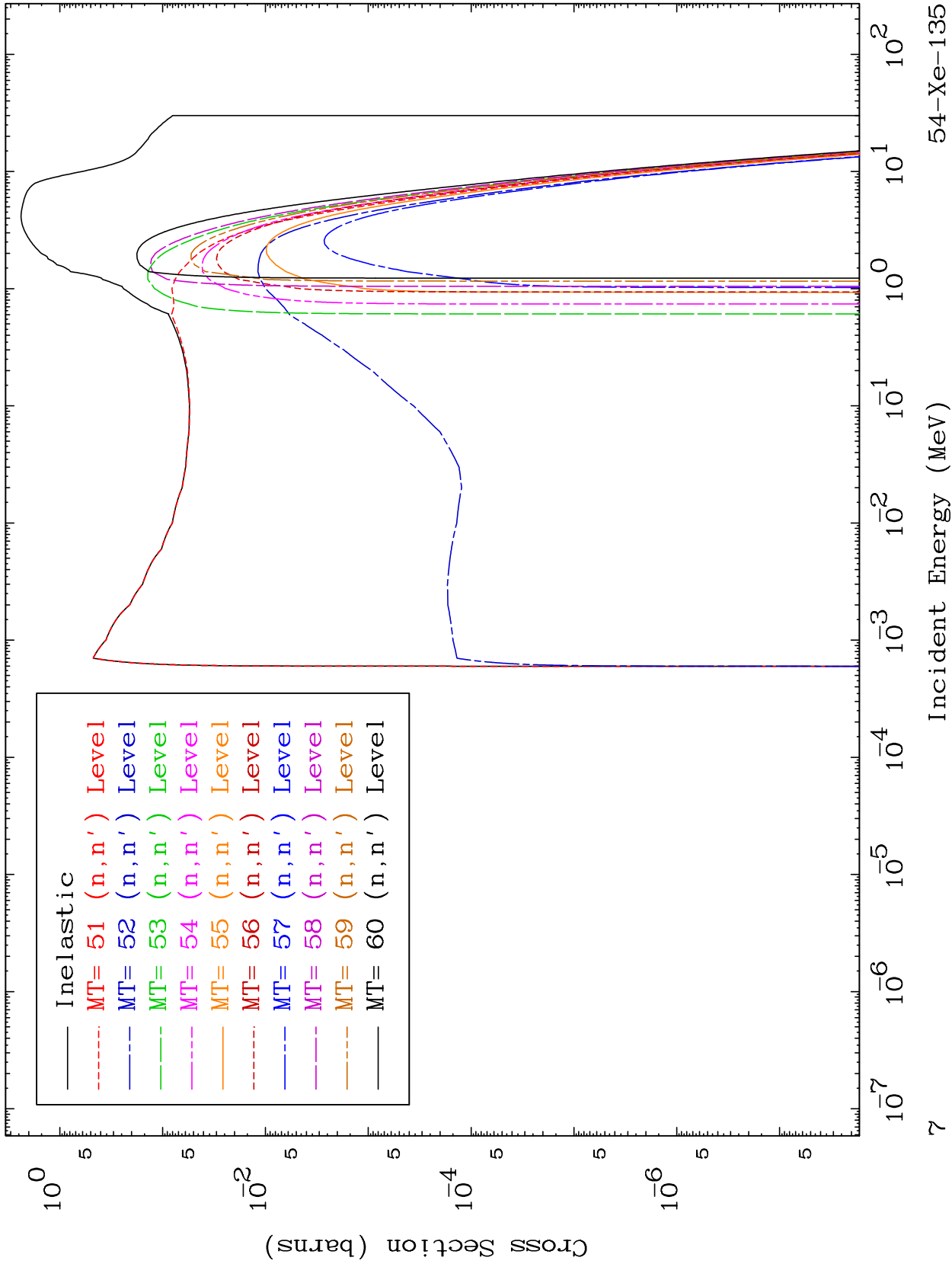
54-Xe-135



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(n,n') Level  
293 Kelvin Cross Sections

54-Xe-135



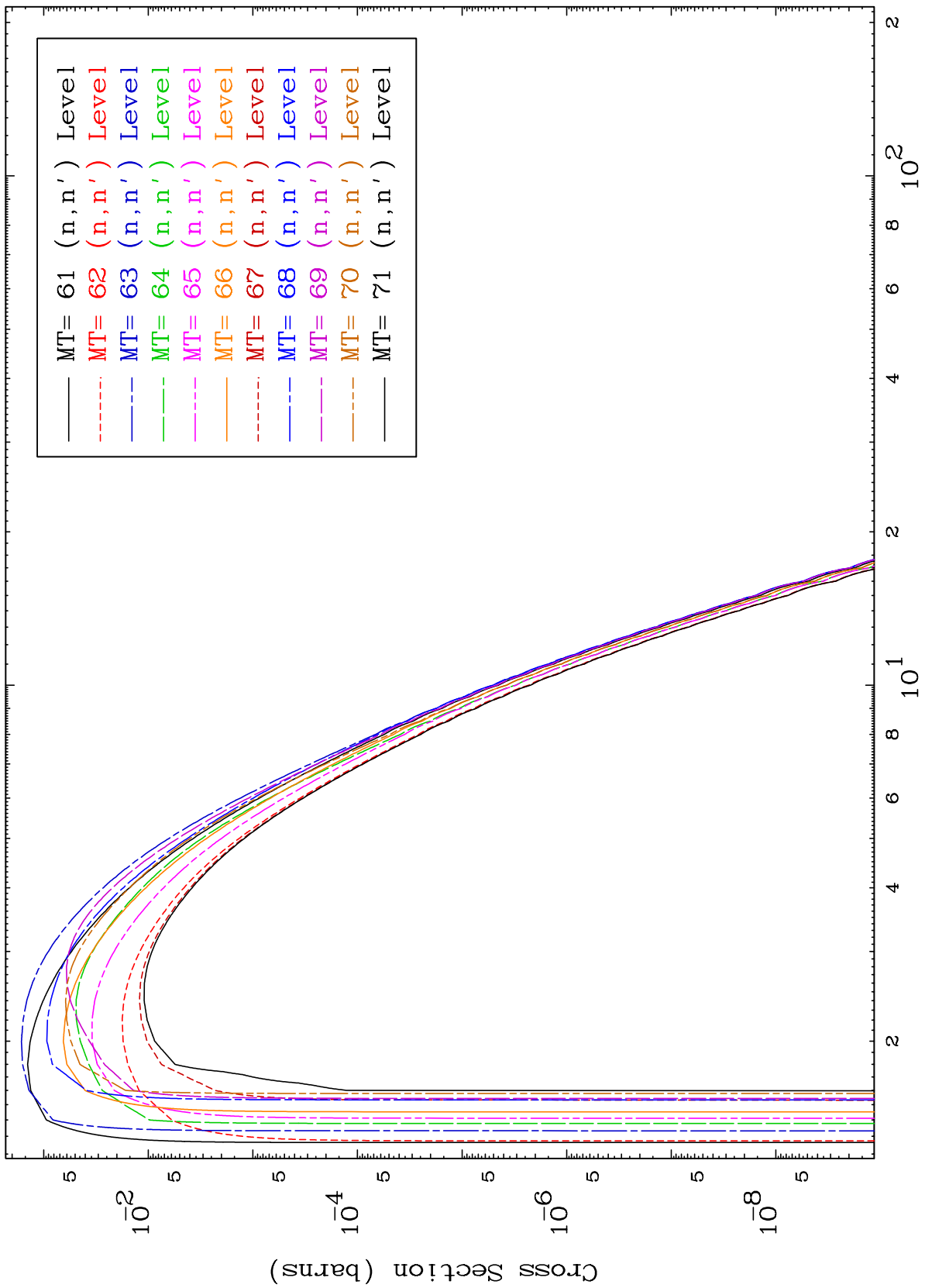


MAT 5459

(n,n') Level

54-Xe-135

293 Kelvin Cross Sections

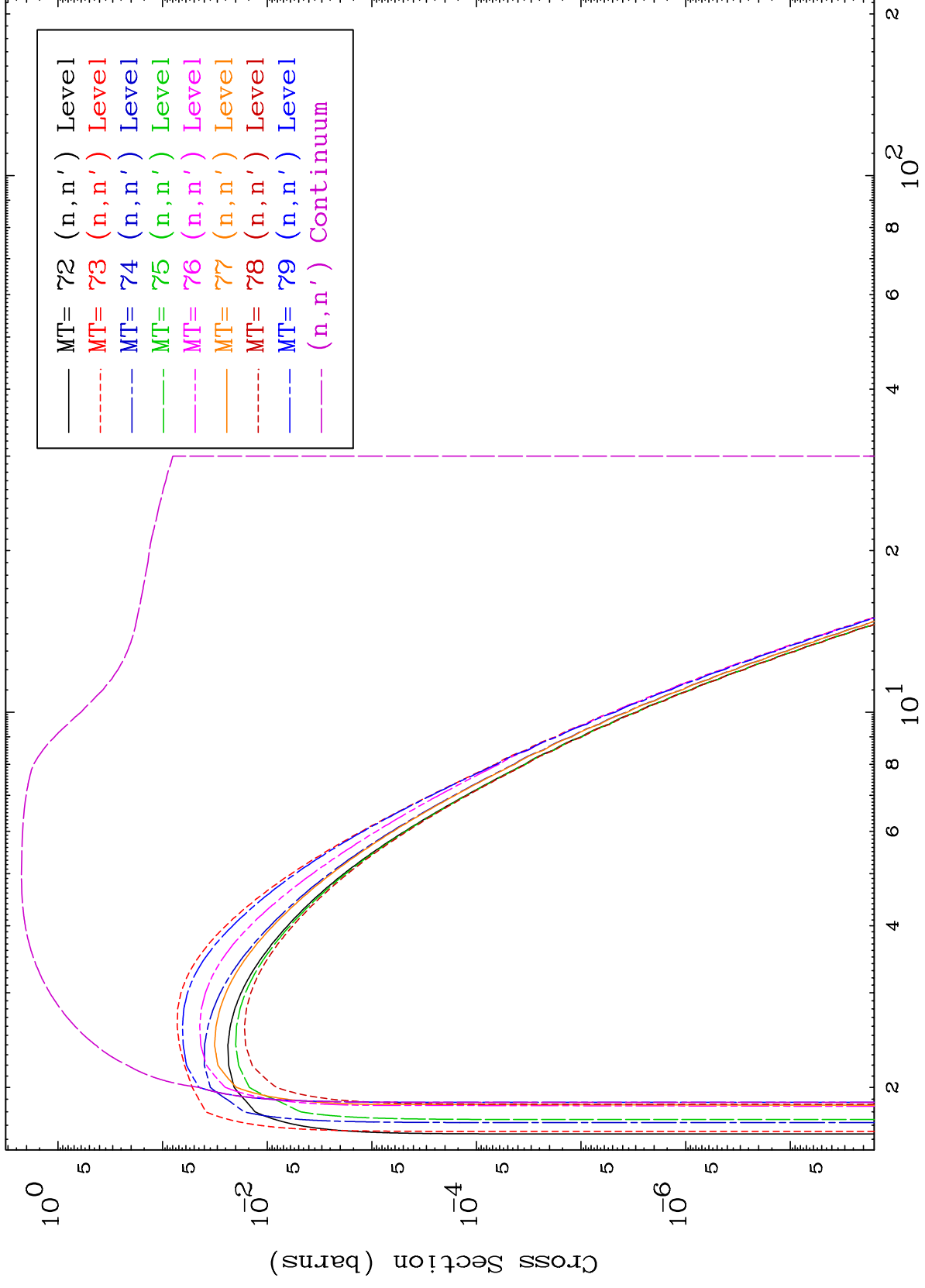


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Incident Energy (MeV)

54-Xe-135

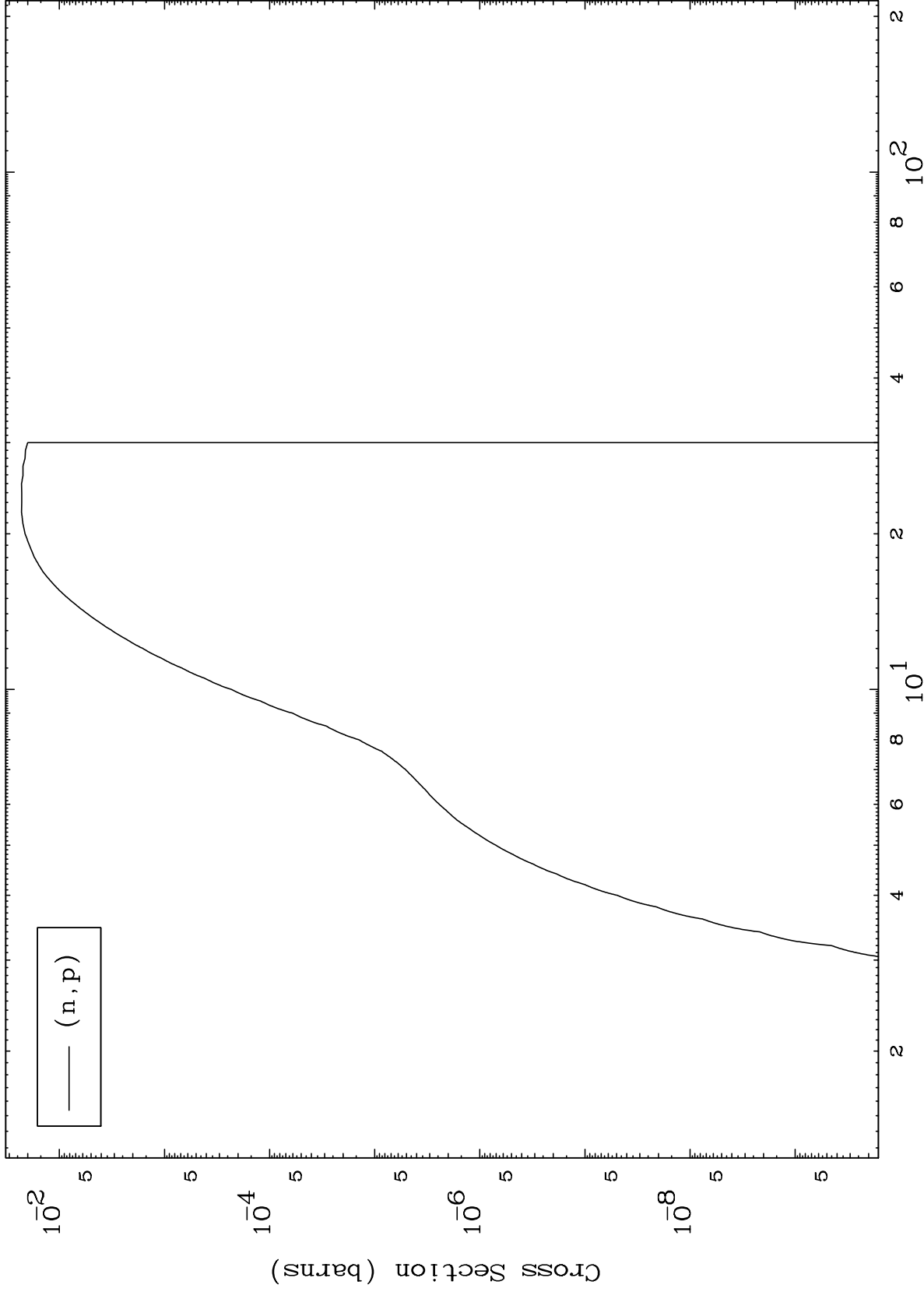
293 Kelvin Cross Sections



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(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-135



10

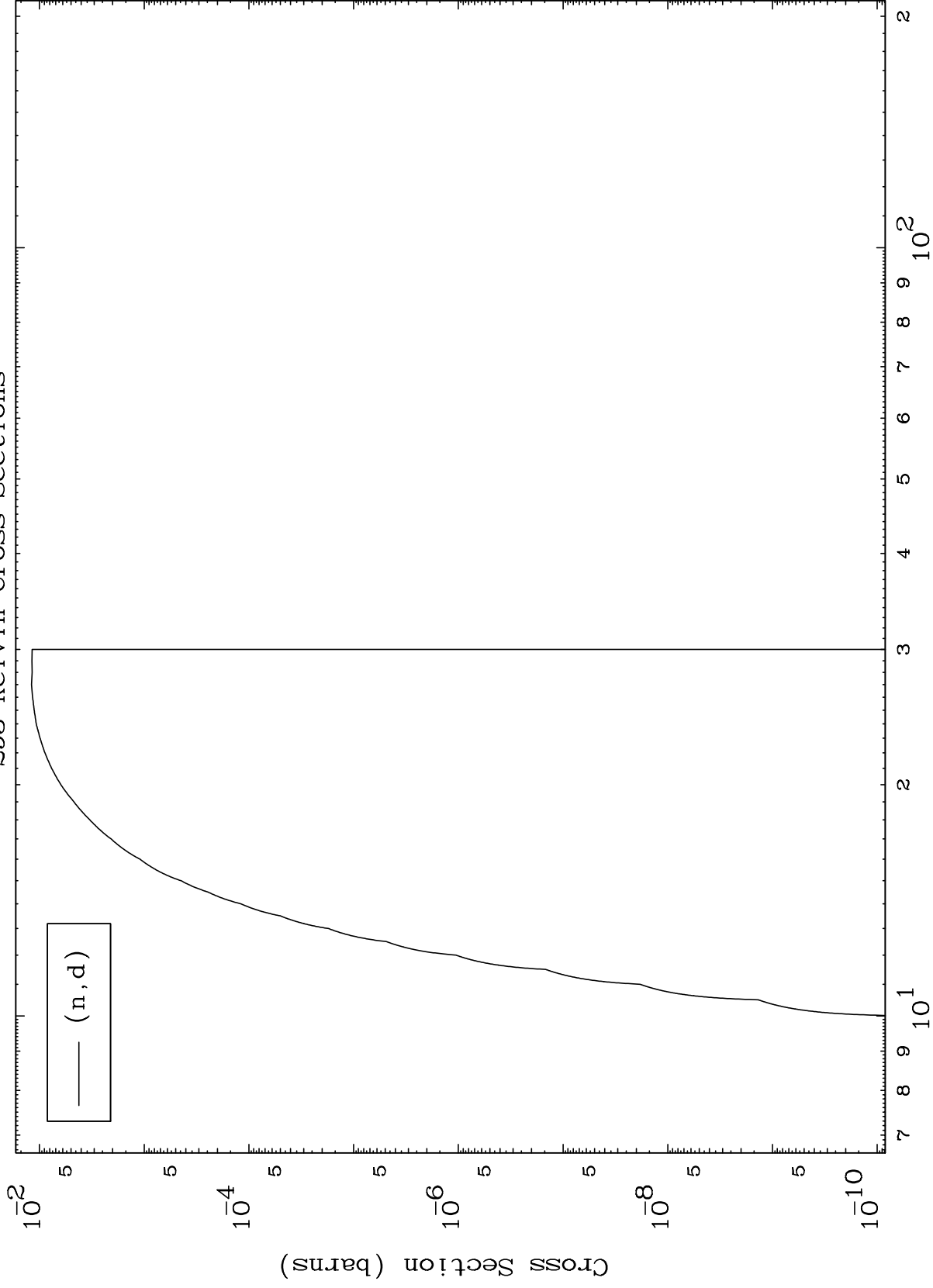
Incident Energy (MeV)

54-Xe-135

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(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-135



11

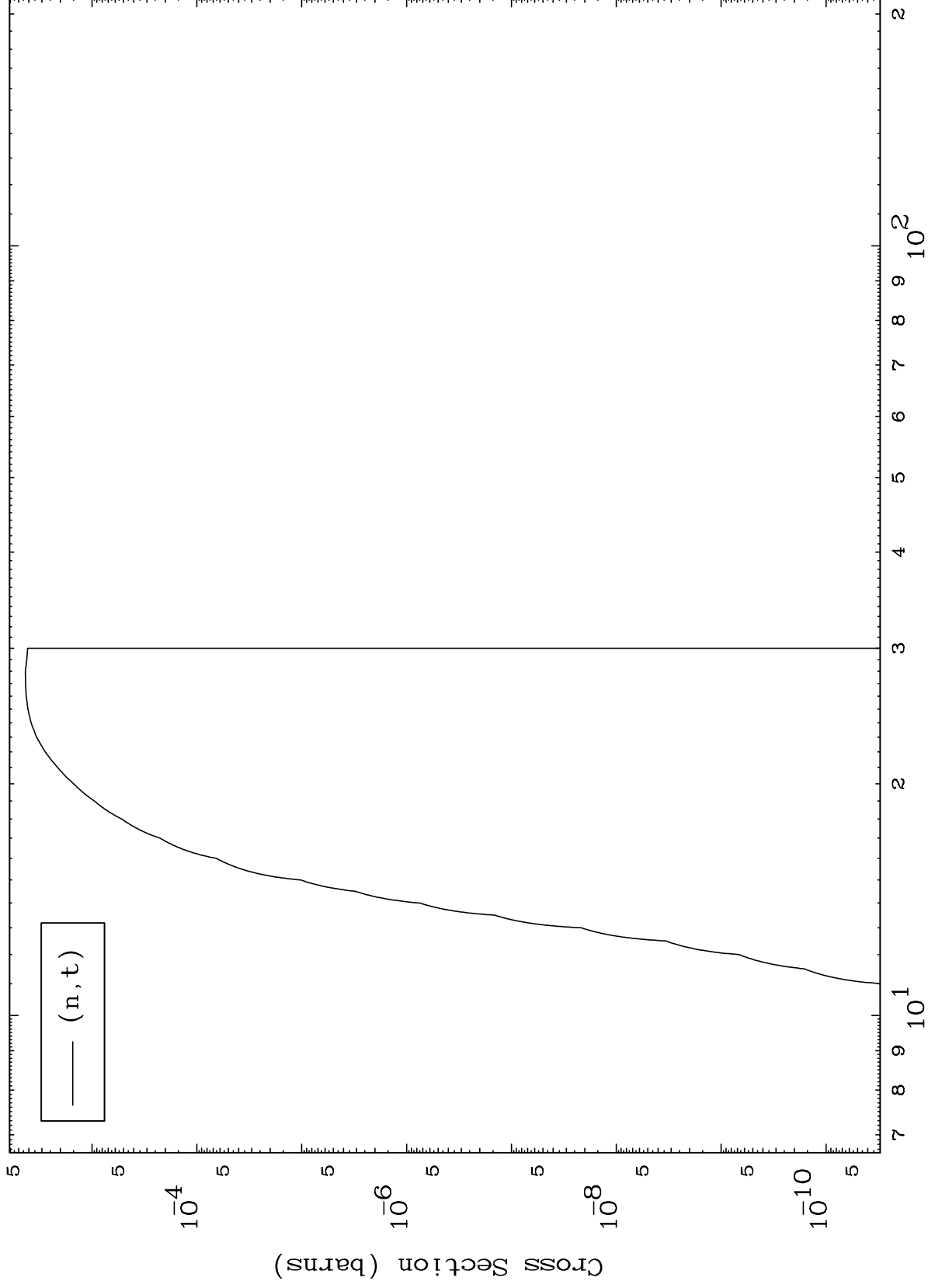
Incident Energy (MeV)

54-Xe-135

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(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-135



12

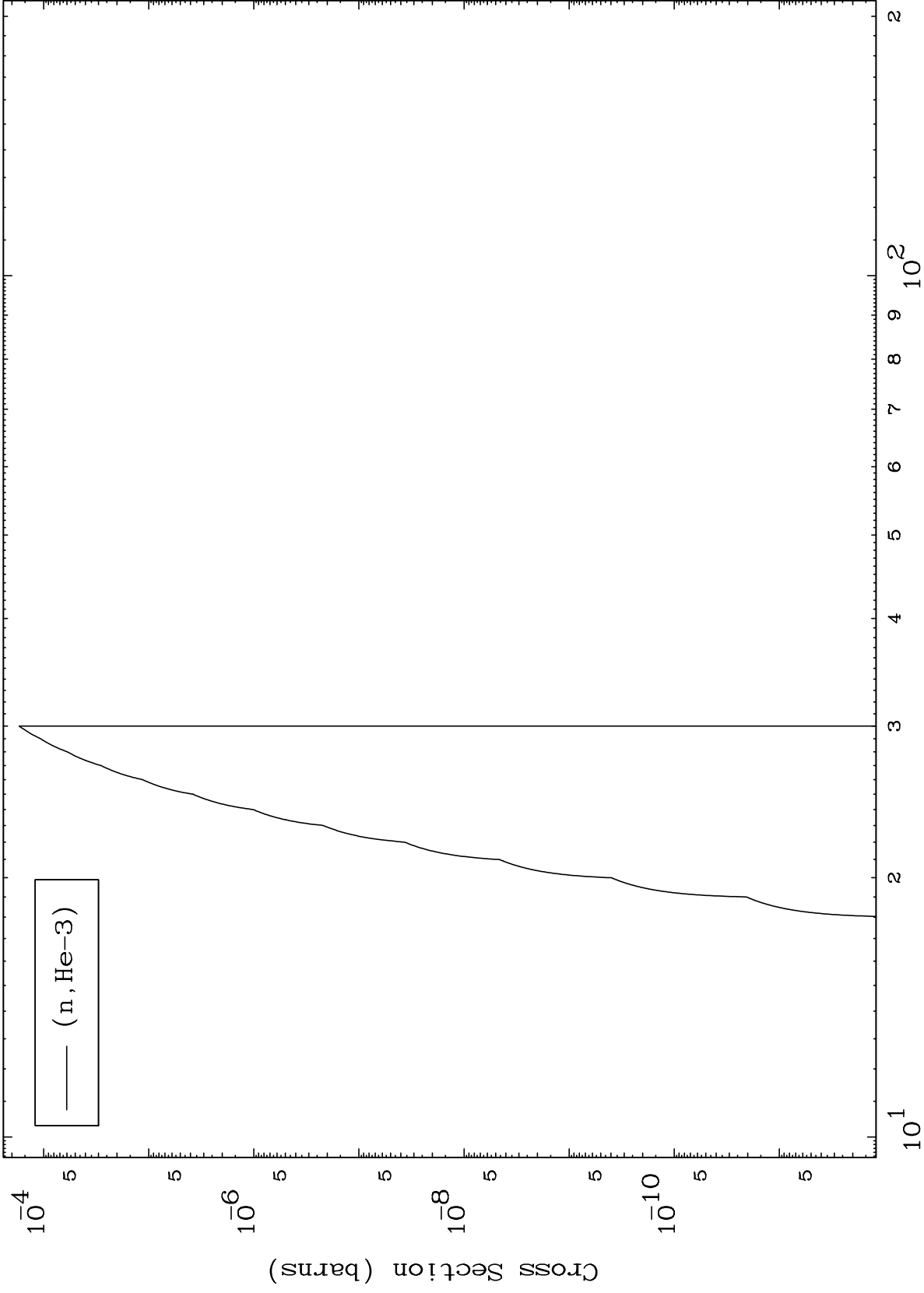
Incident Energy (MeV)

54-Xe-135

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(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-135



13

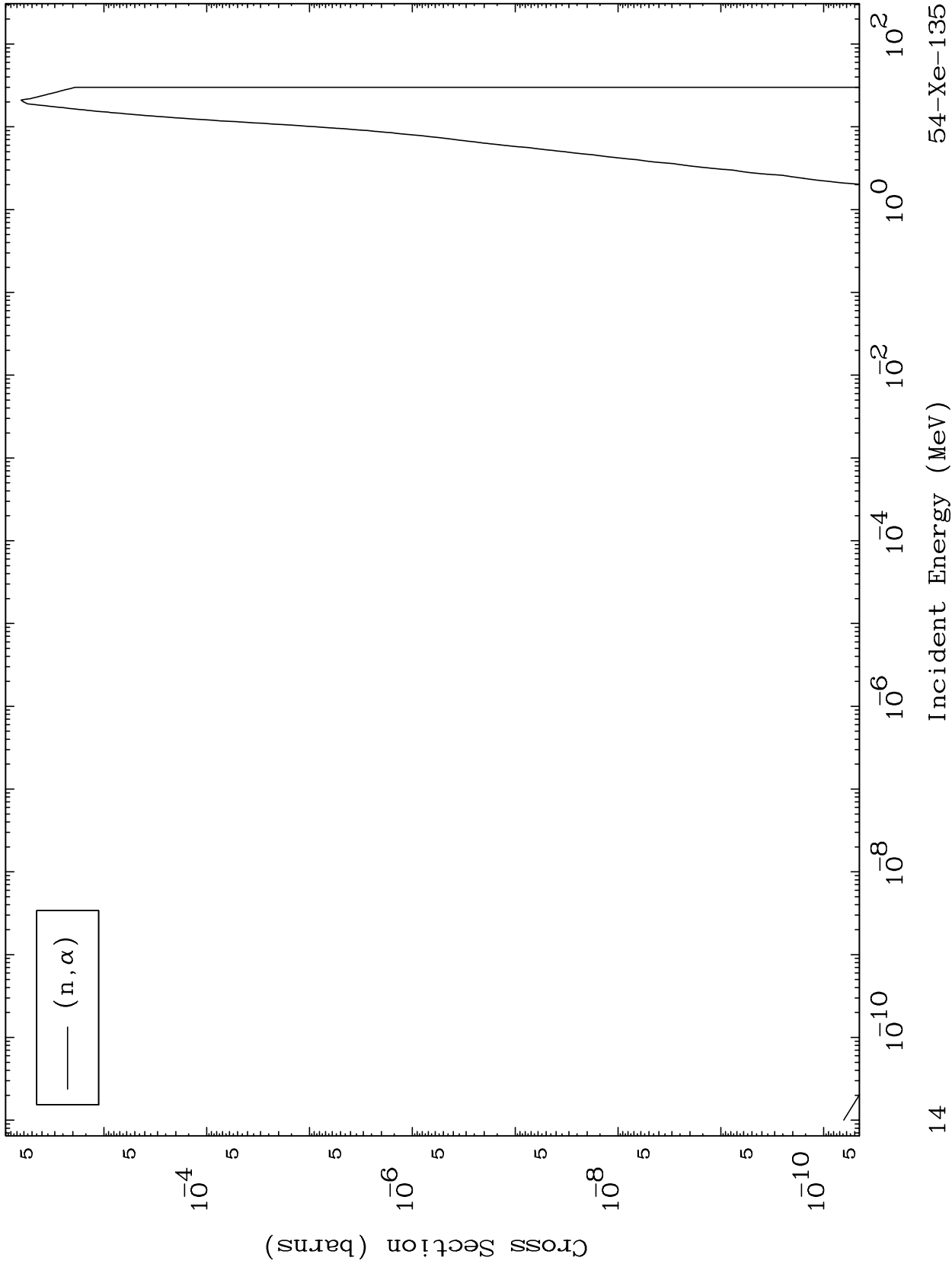
Incident Energy (MeV)

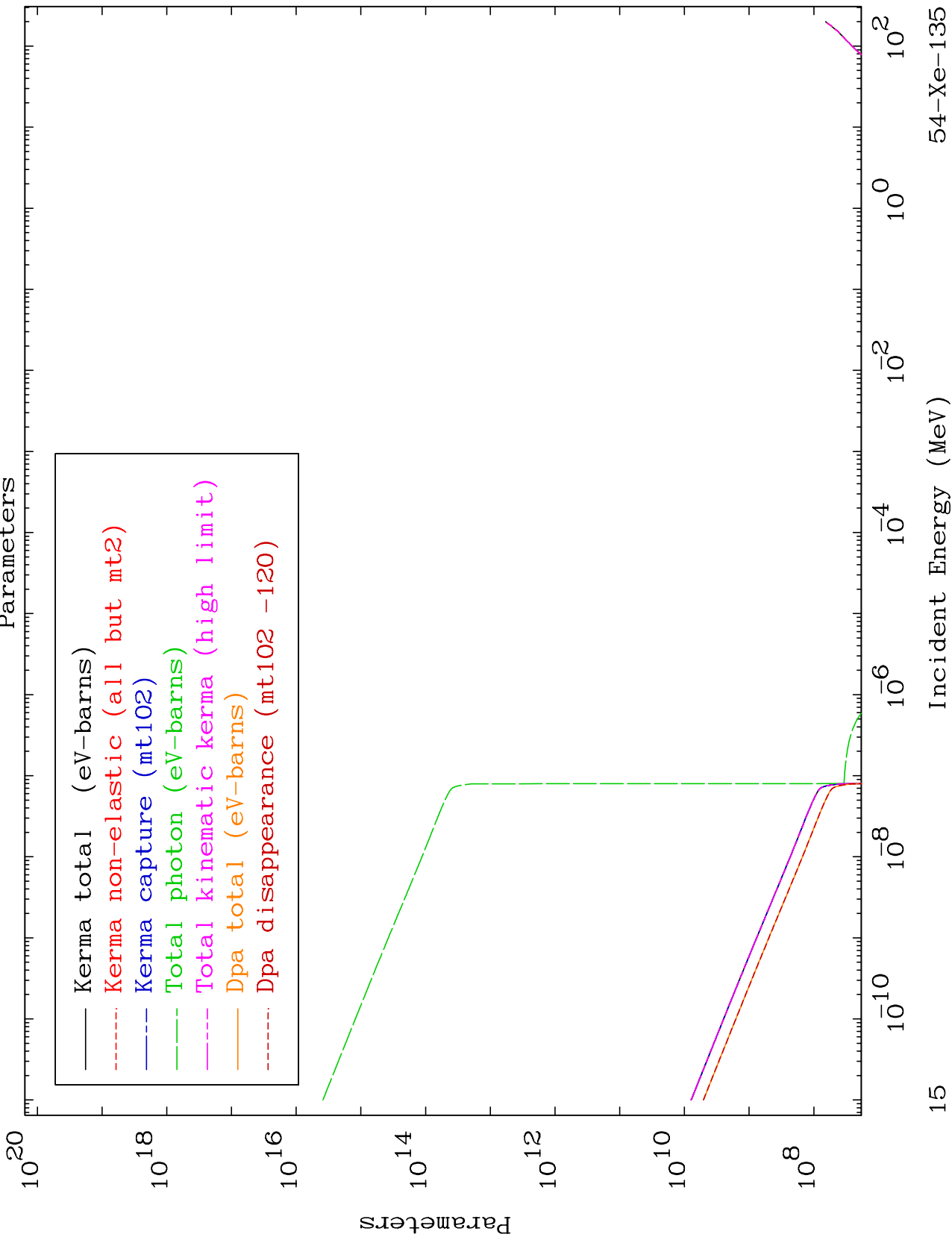
54-Xe-135

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

54-Xe-135



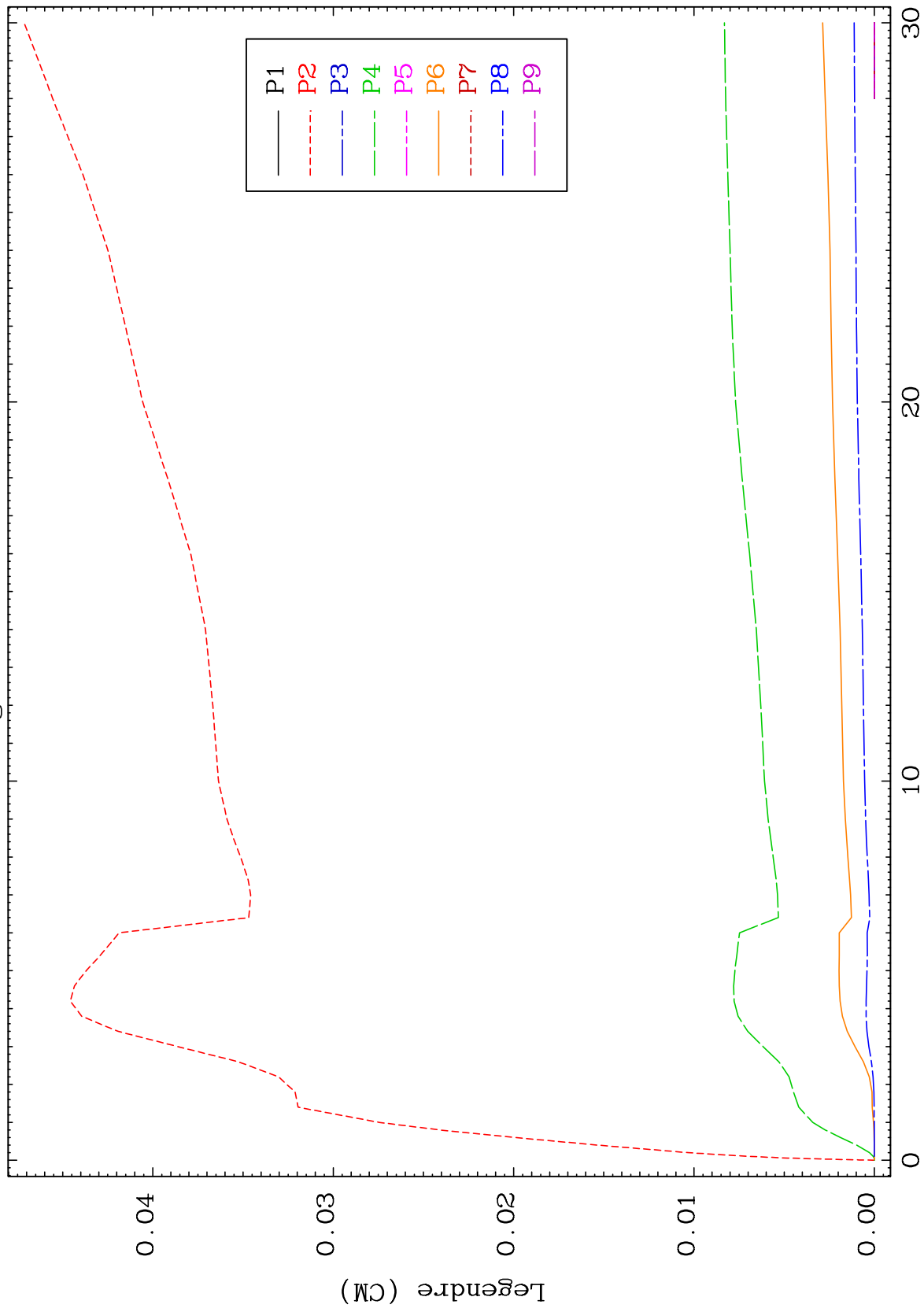




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Elastic  
Legendre Coefficients

54-Xe-135



16

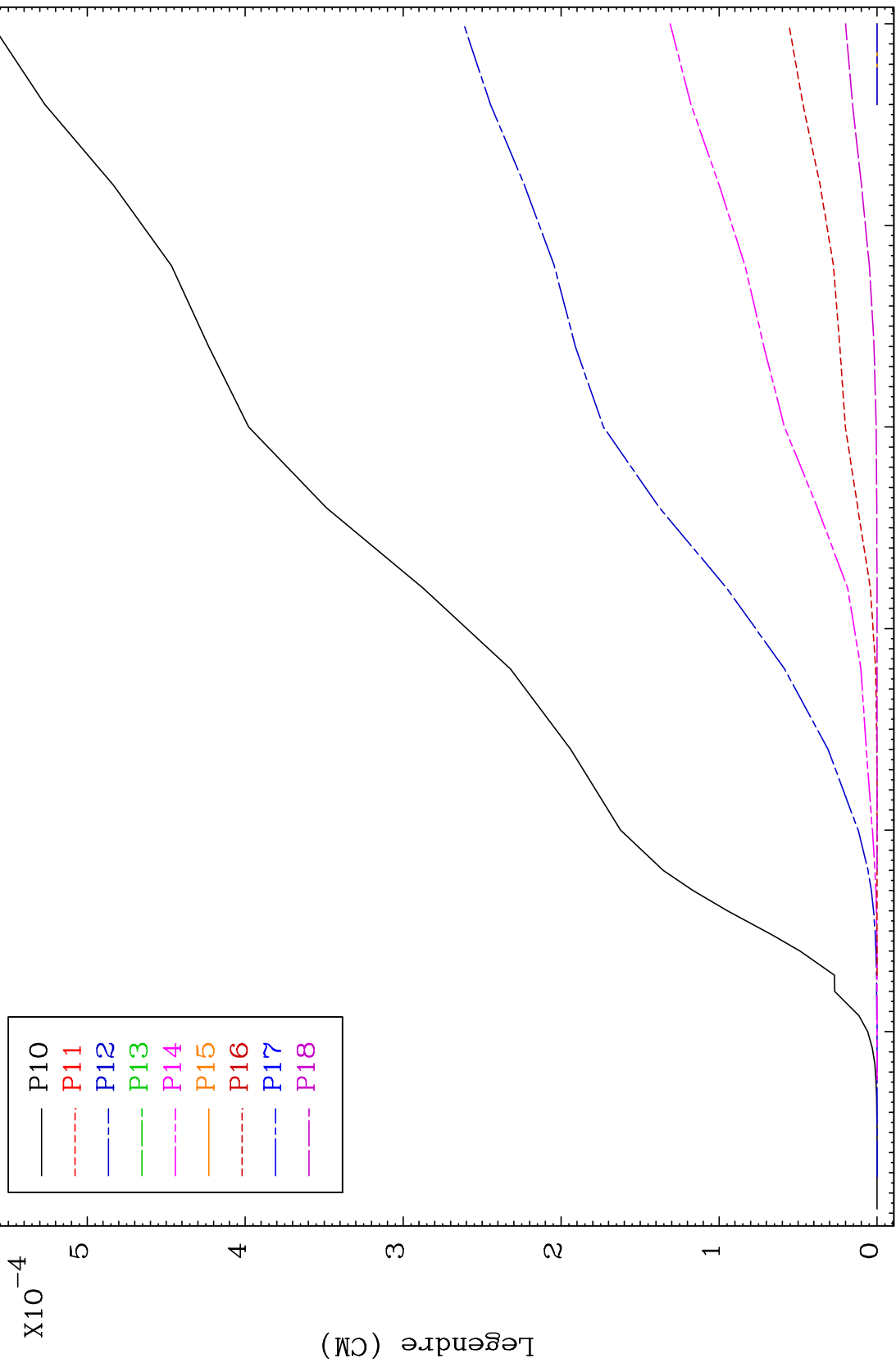
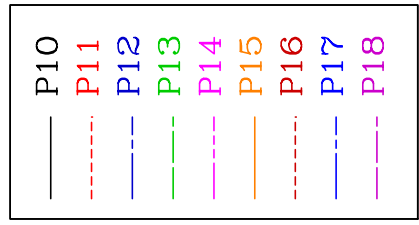
Incident Energy (MeV)

54-Xe-135

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Elastic Legendre Coefficients

54-Xe-135



17

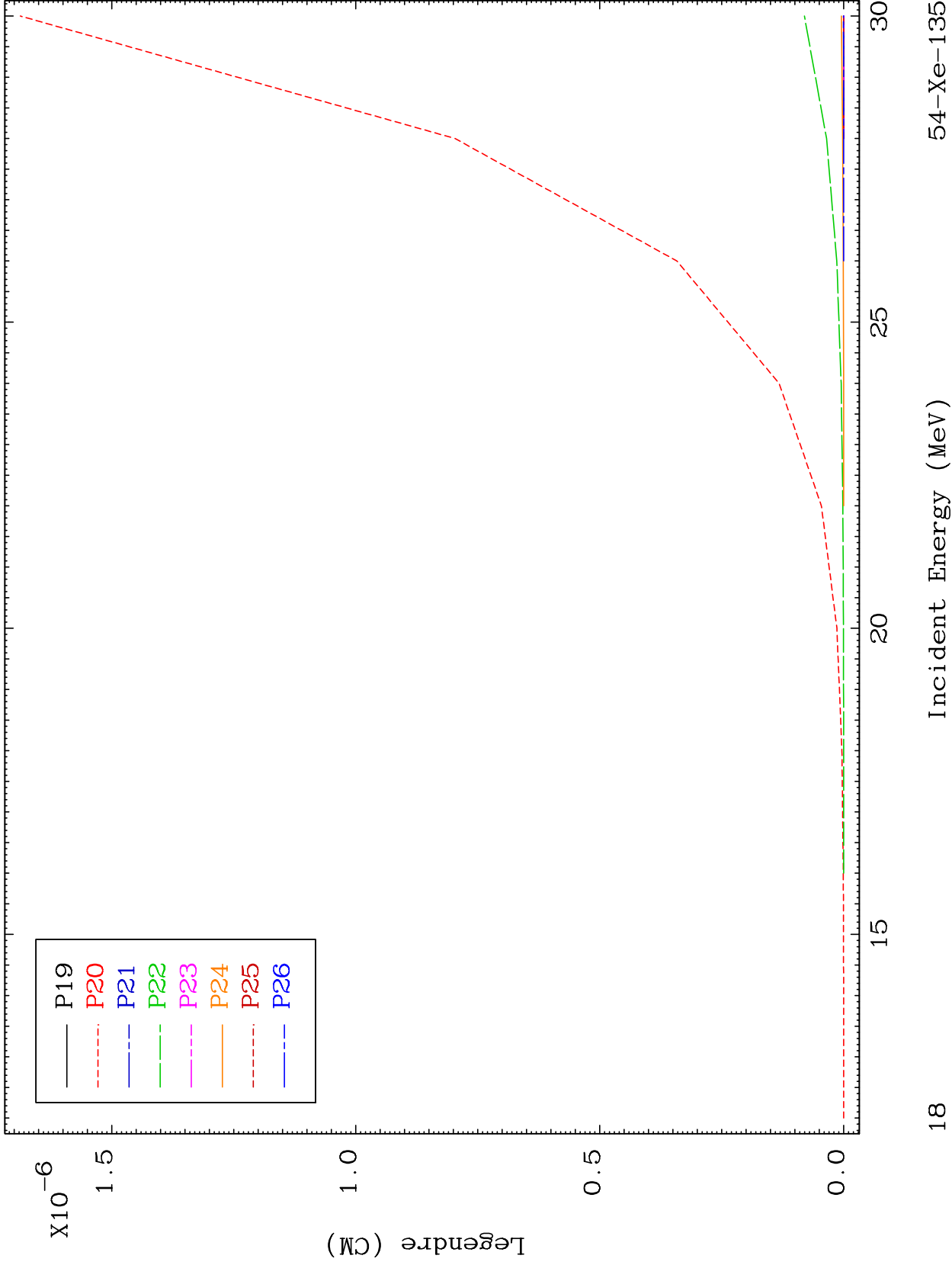
Incident Energy (MeV)

54-Xe-135

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Elastic  
Legendre Coefficients

54-Xe-135



18

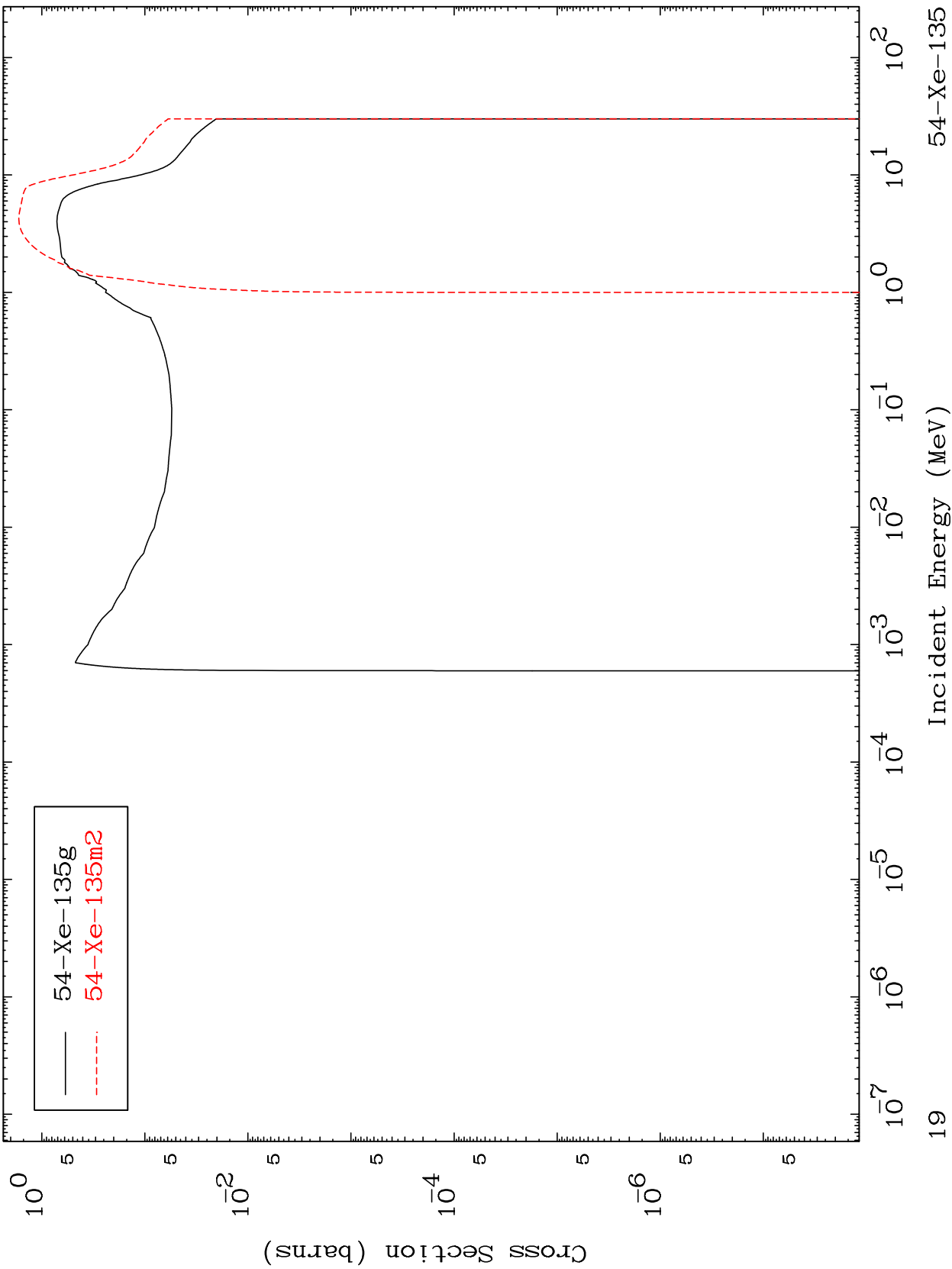
Incident Energy (MeV)

54-Xe-135

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54-Xe-135

Inelastic  
Radionuclide Production Cross Section

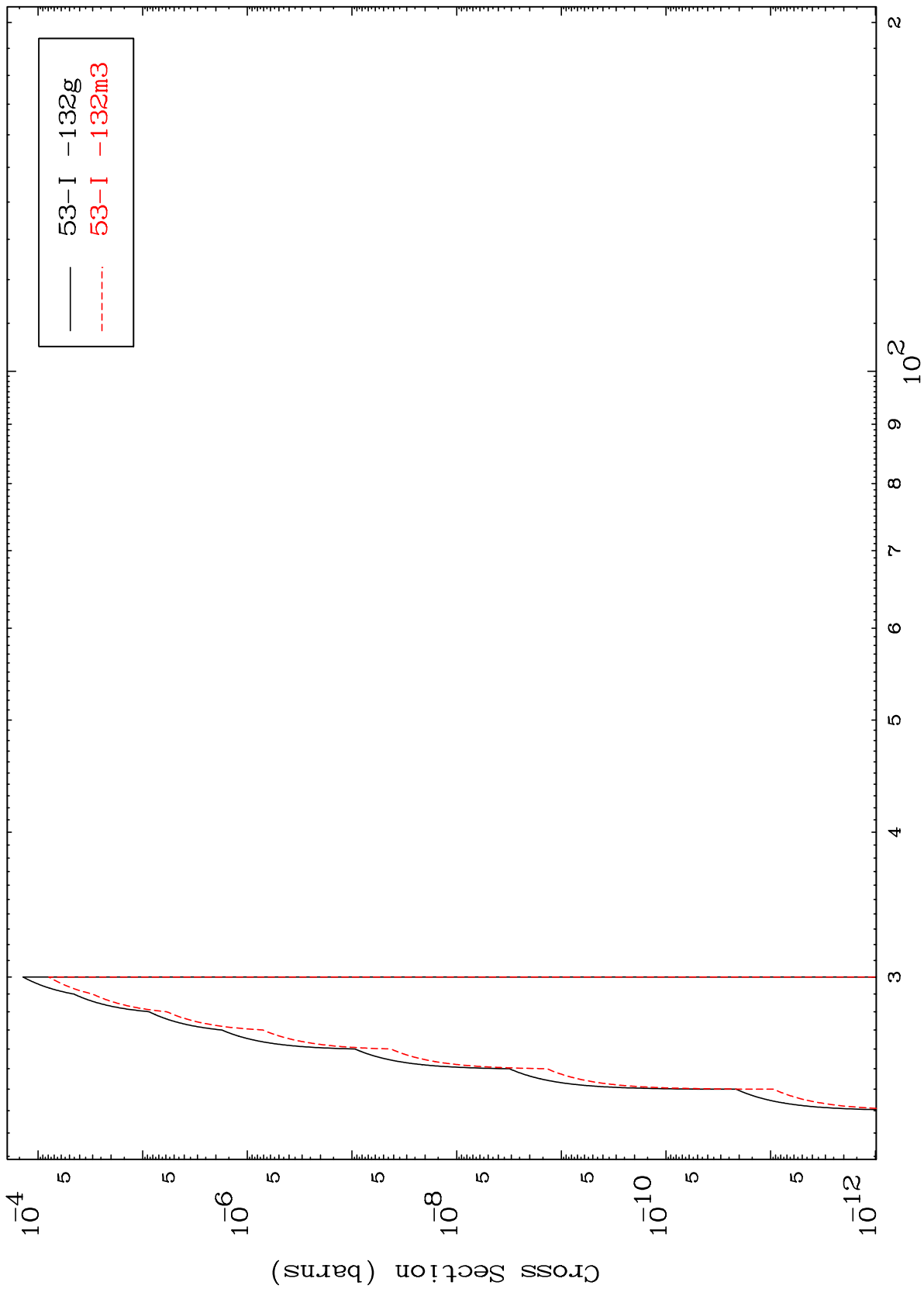


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(n,2n) d

54-Xe-135

Radionuclide Production Cross Section



20

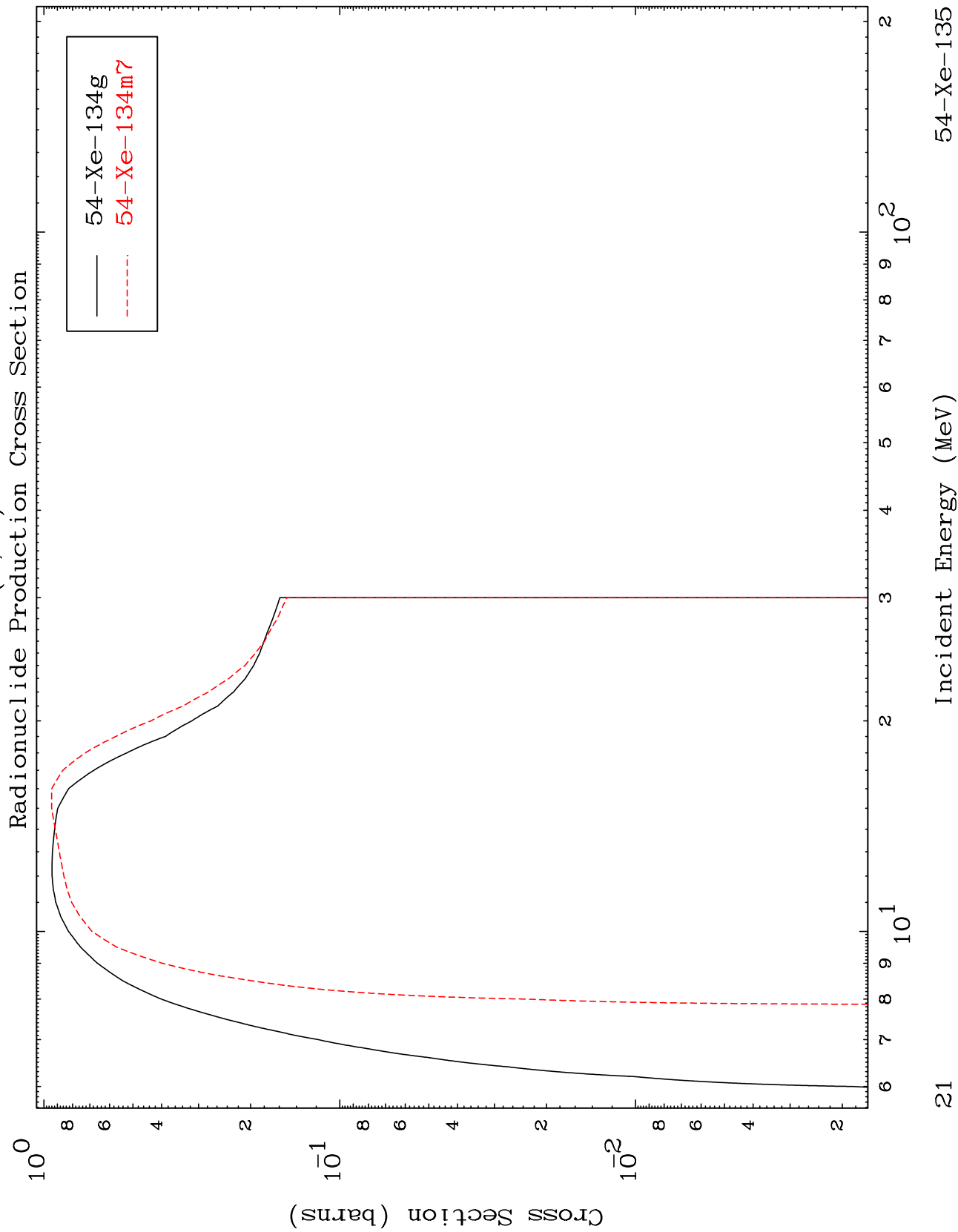
Incident Energy (MeV)

54-Xe-135

MAT 5459

54-Xe-135

(n,2n)



21

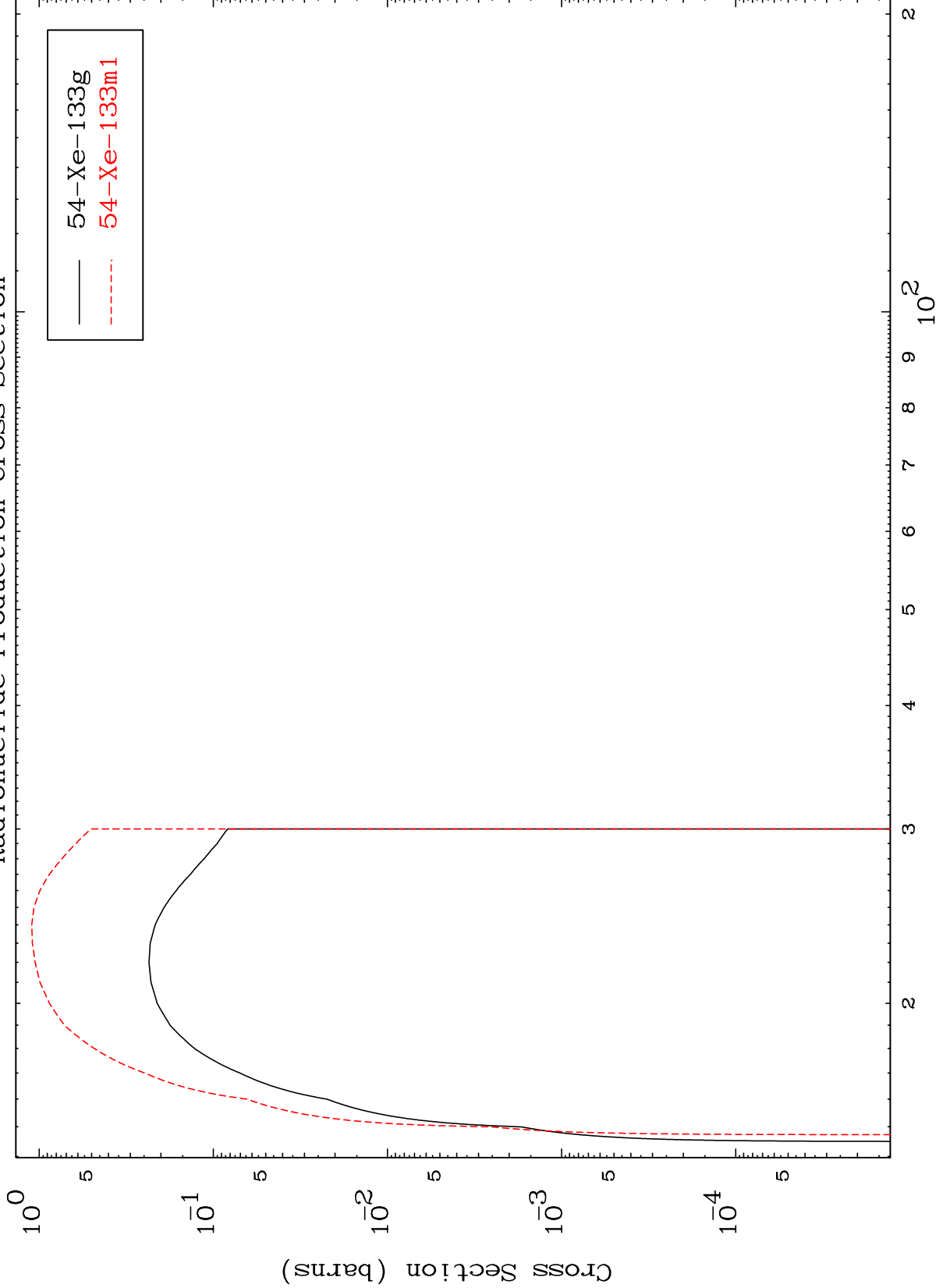
54-Xe-135

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(n,3n)

54-Xe-135

Radionuclide Production Cross Section



22

Incident Energy (MeV)

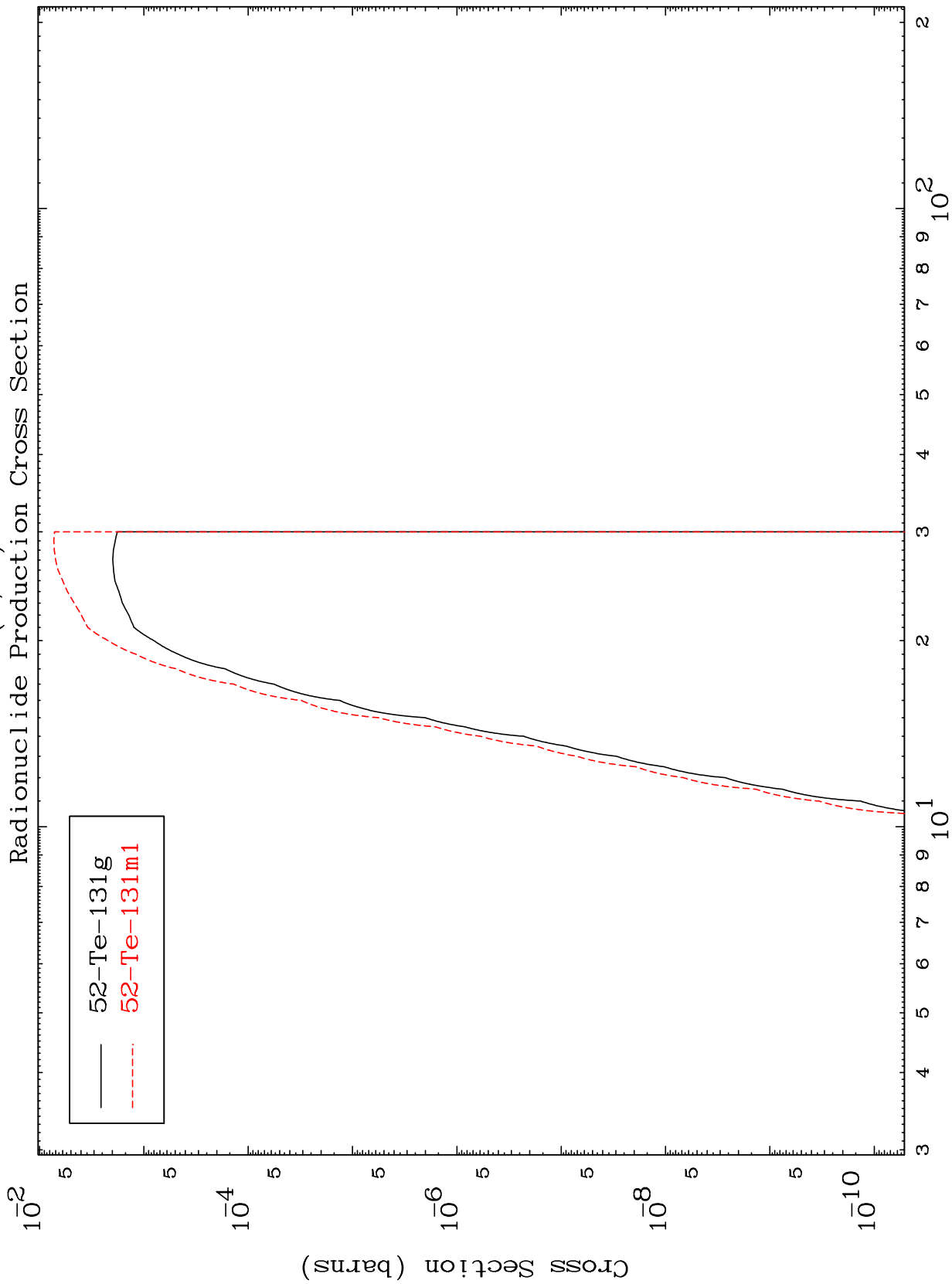
54-Xe-135

MAT 5459

54-Xe-135

(n,n')  $\alpha$

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-135

23

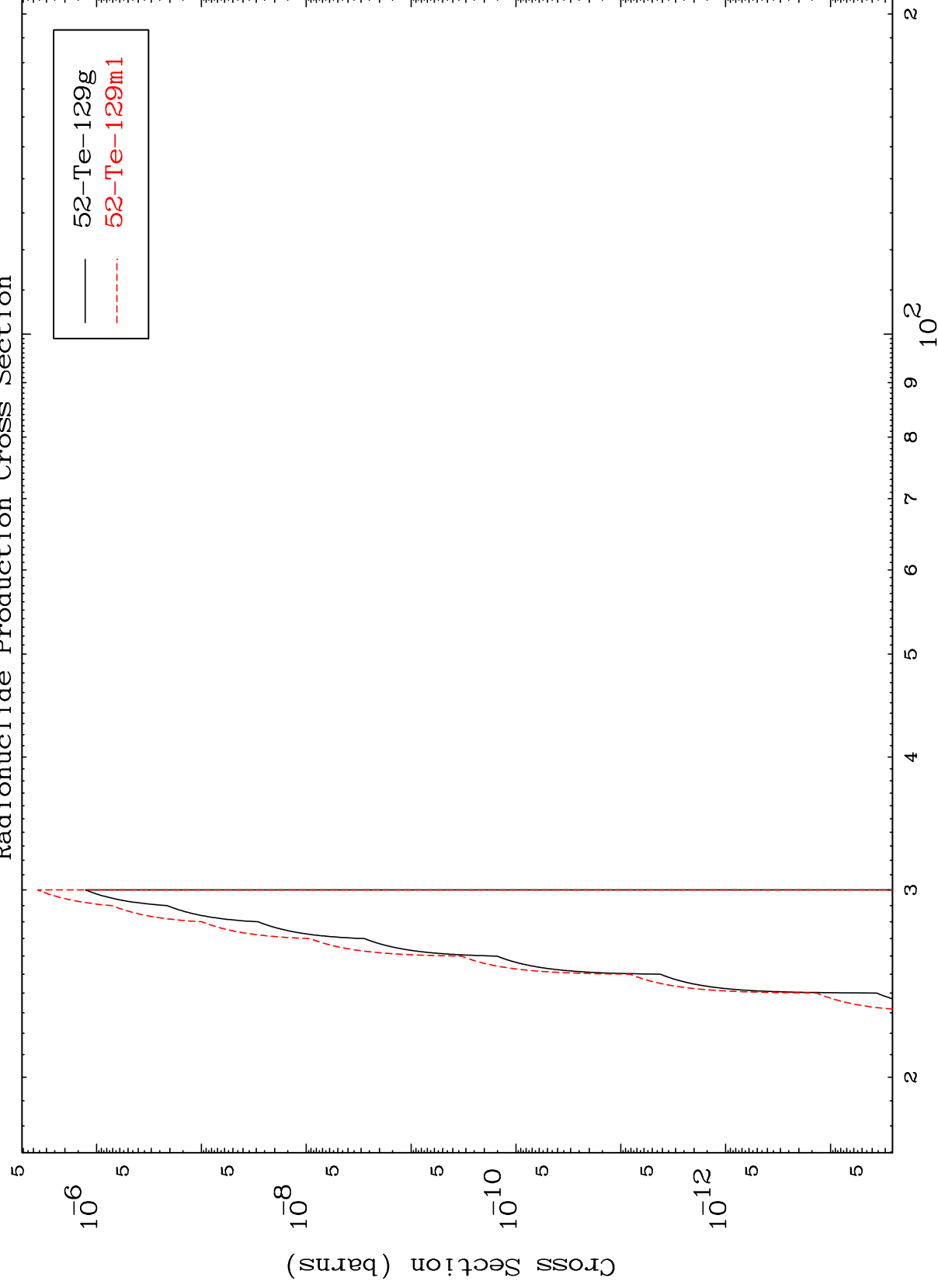


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54-Xe-135

(n,3n)  $\alpha$

Radionuclide Production Cross Section



24

Incident Energy (MeV)

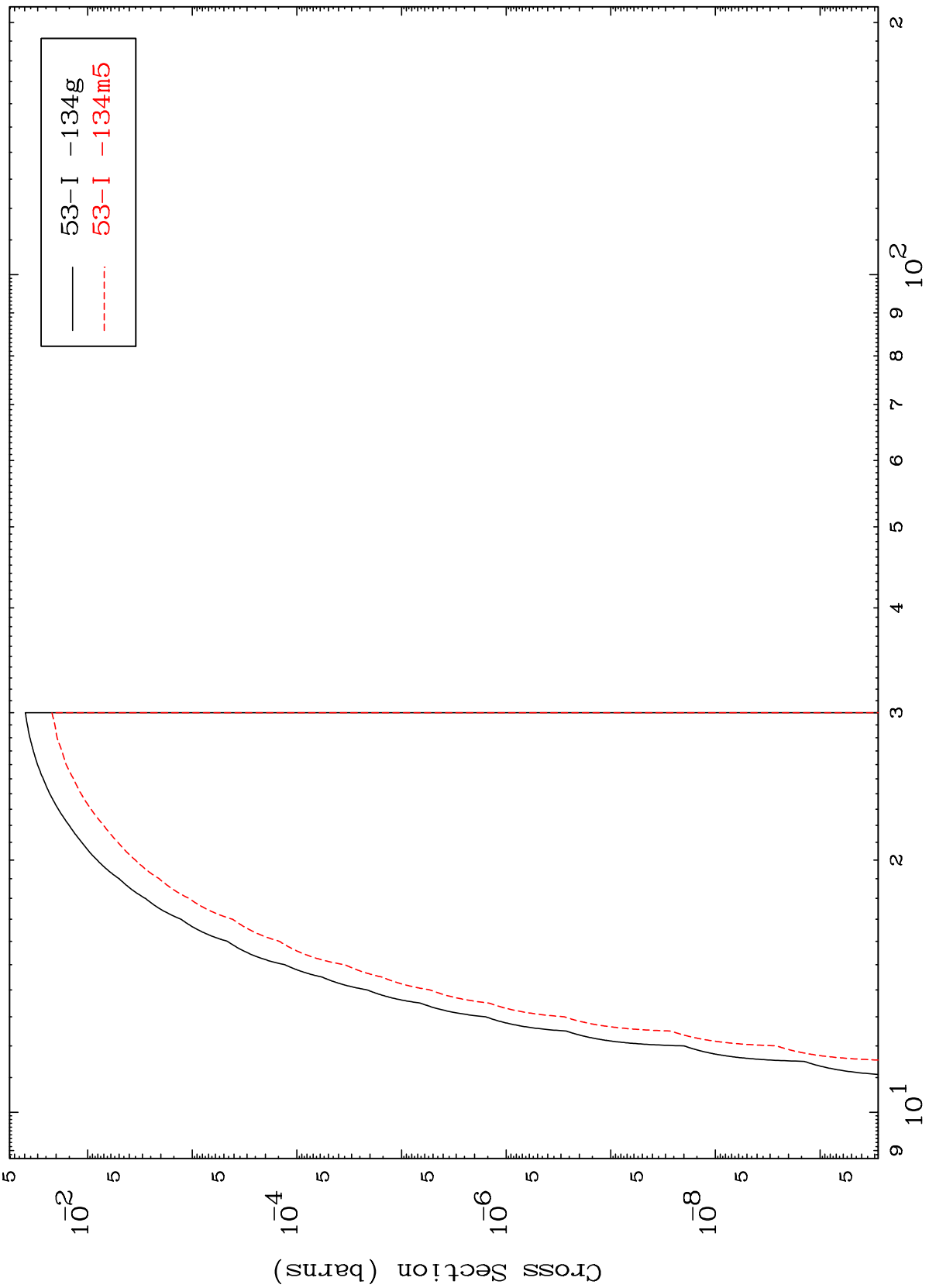
54-Xe-135

MAT 5459

(n,n') p

54-Xe-135

Radionuclide Production Cross Section



25

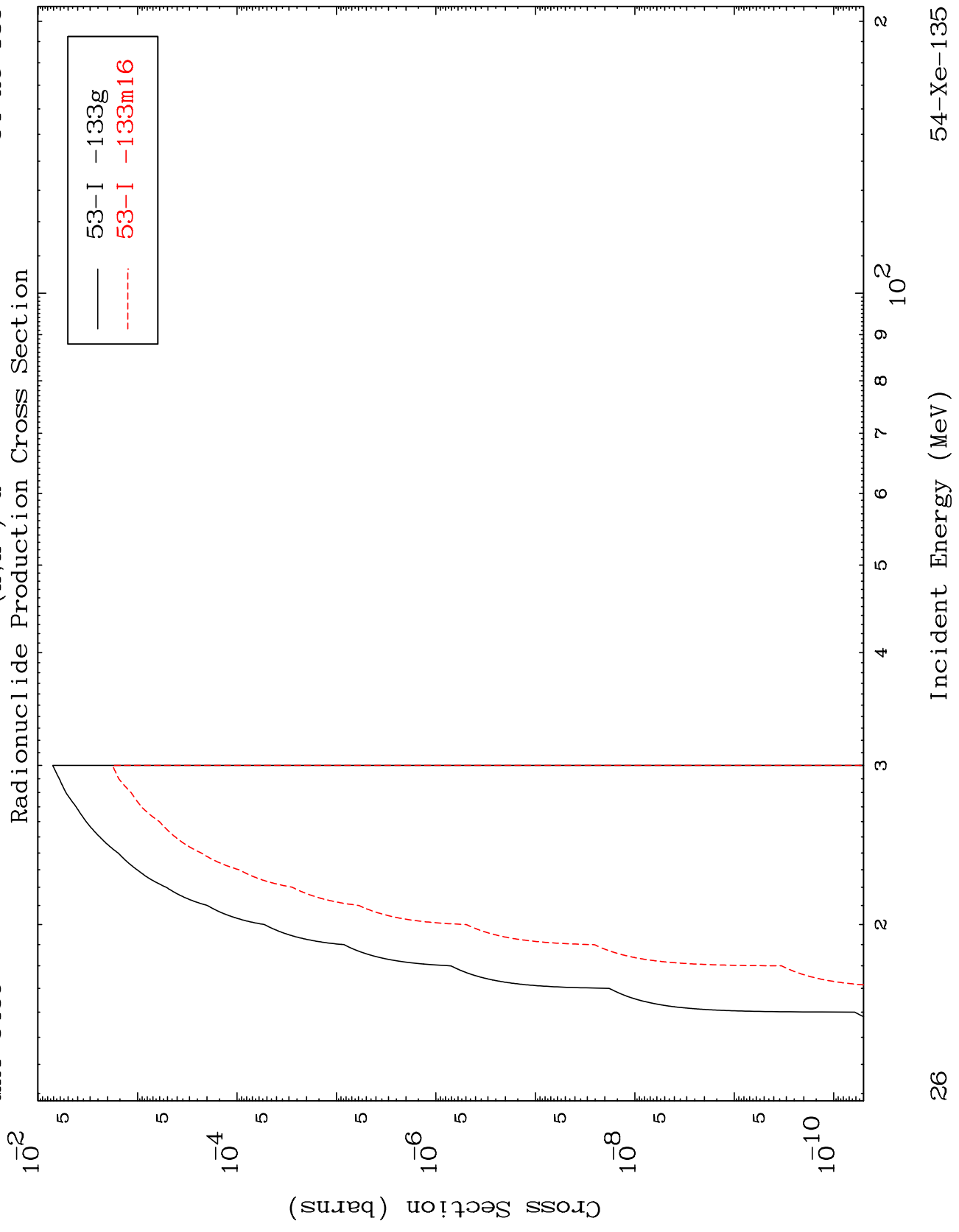
Incident Energy (MeV)

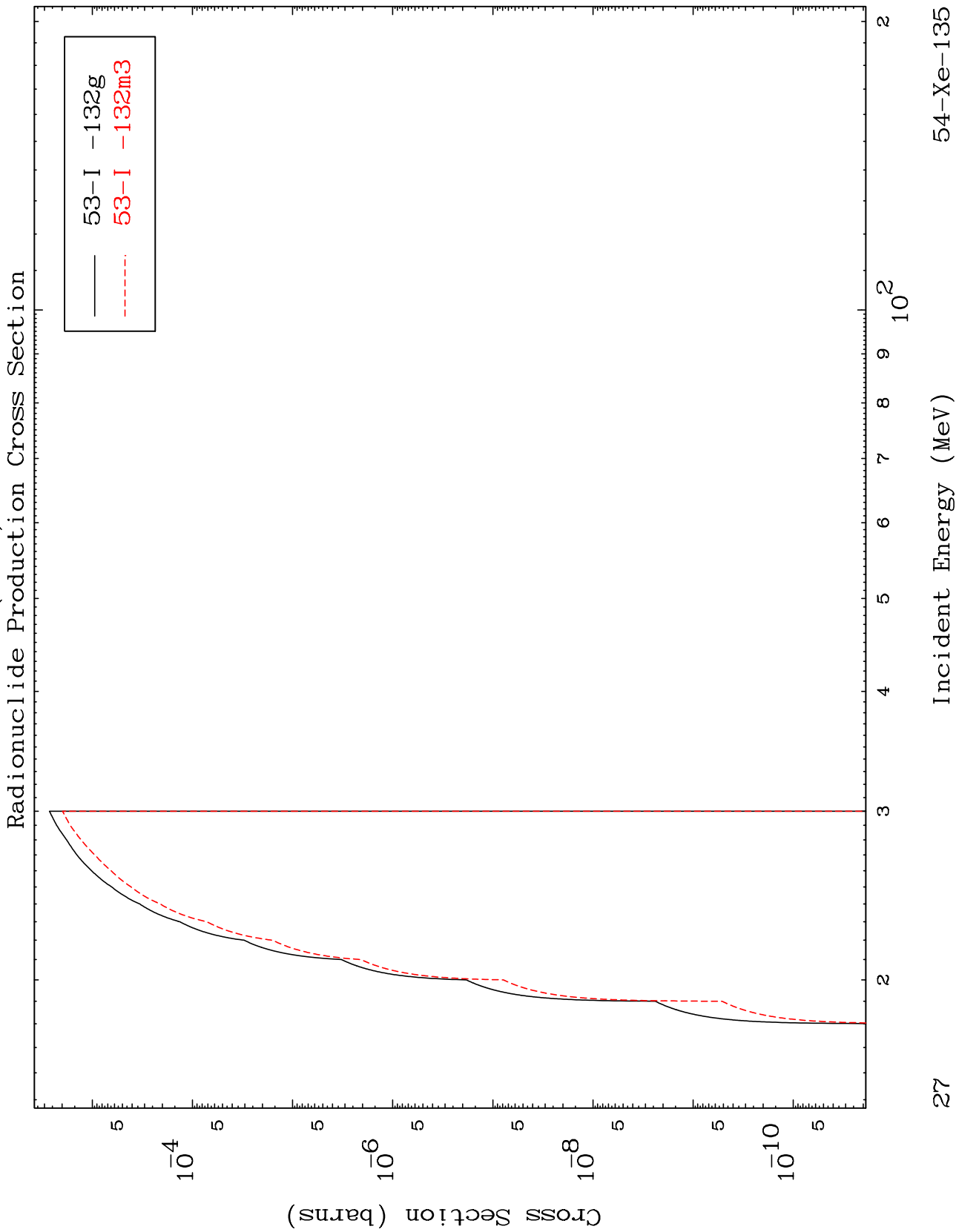
54-Xe-135

MAT 5459

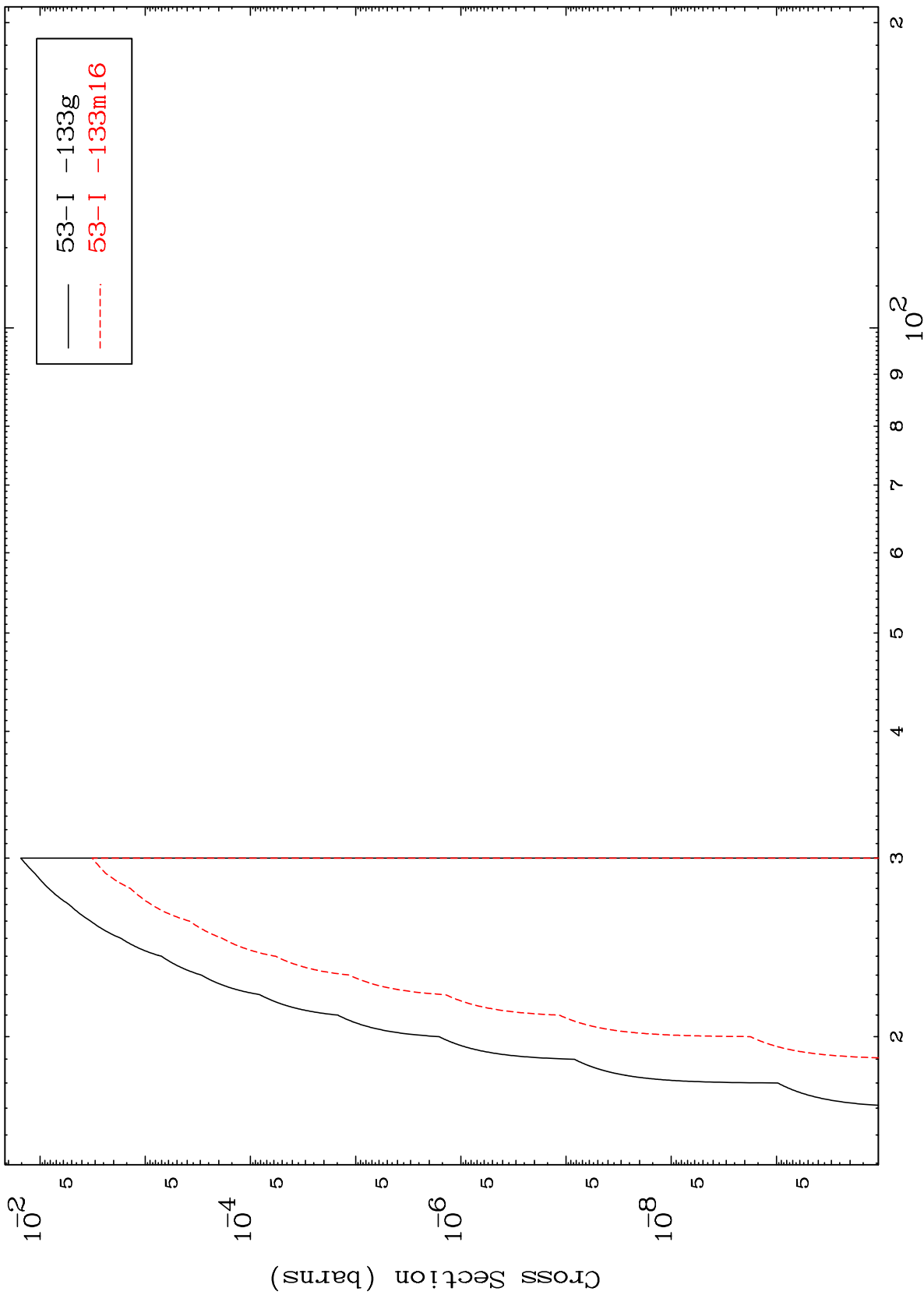
(n,n') d

54-Xe-135



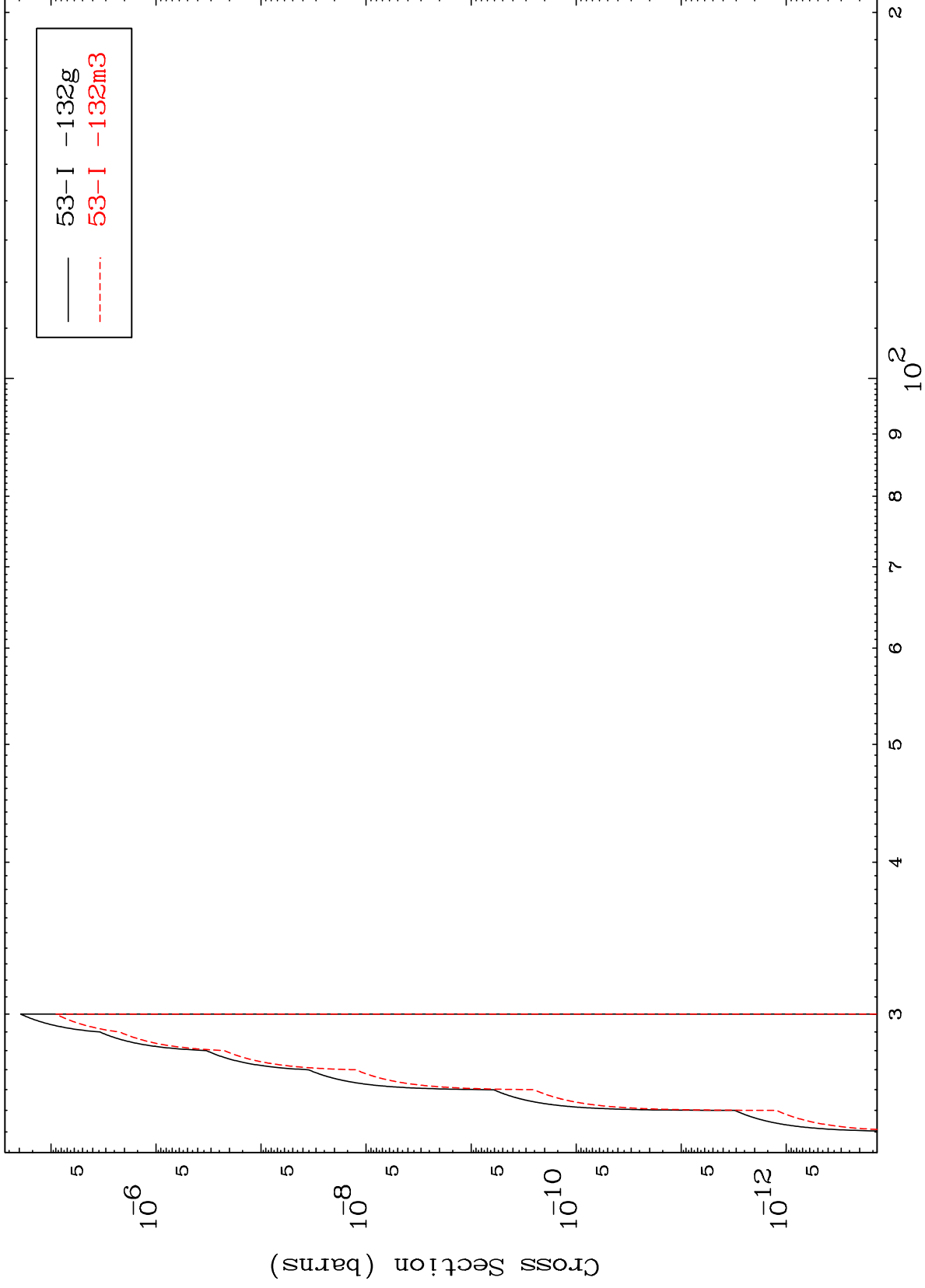


Radionuclide Production Cross Section



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

Radionuclide Production Cross Section

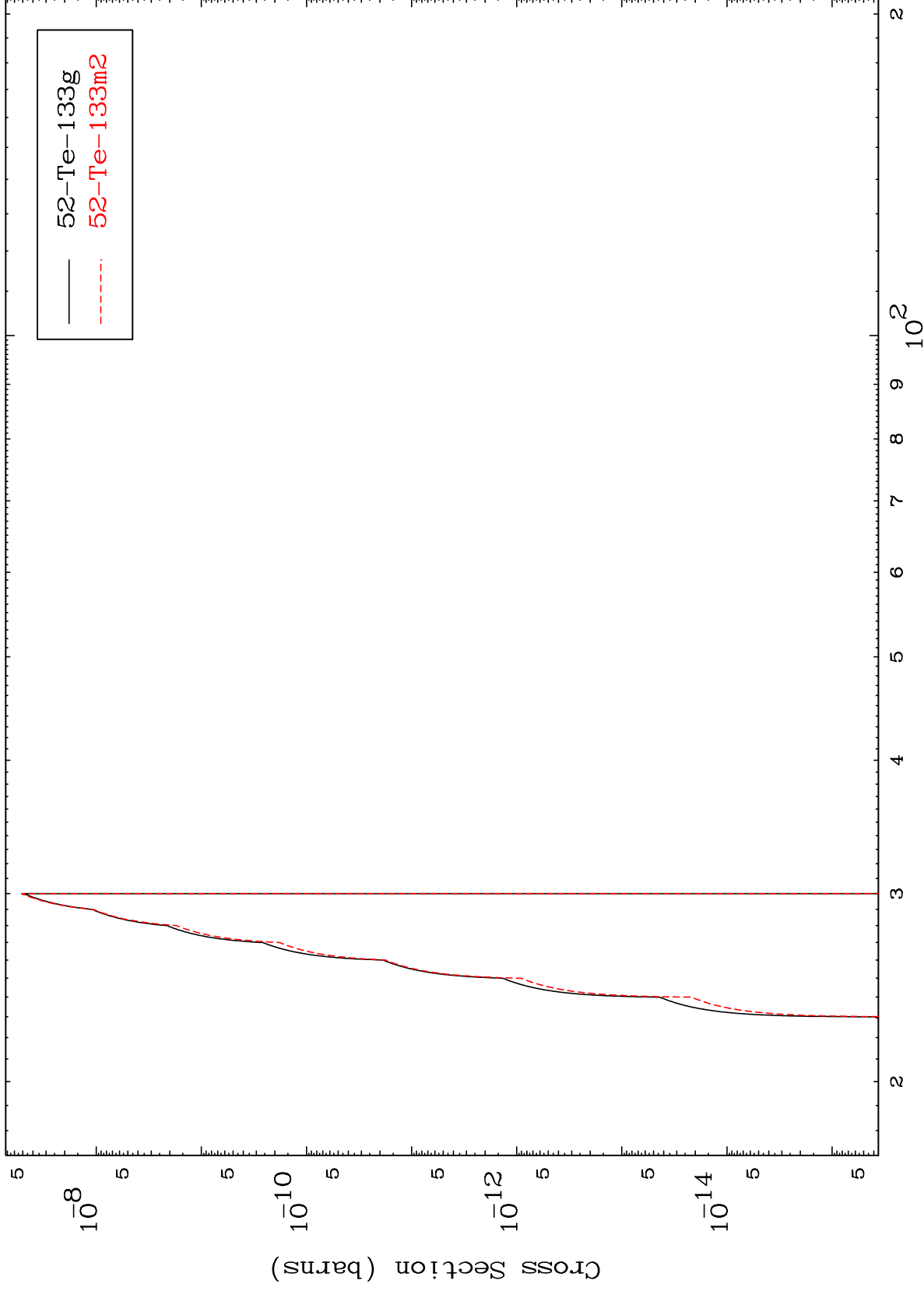


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(n,2n) p

54-Xe-135

Radionuclide Production Cross Section



30

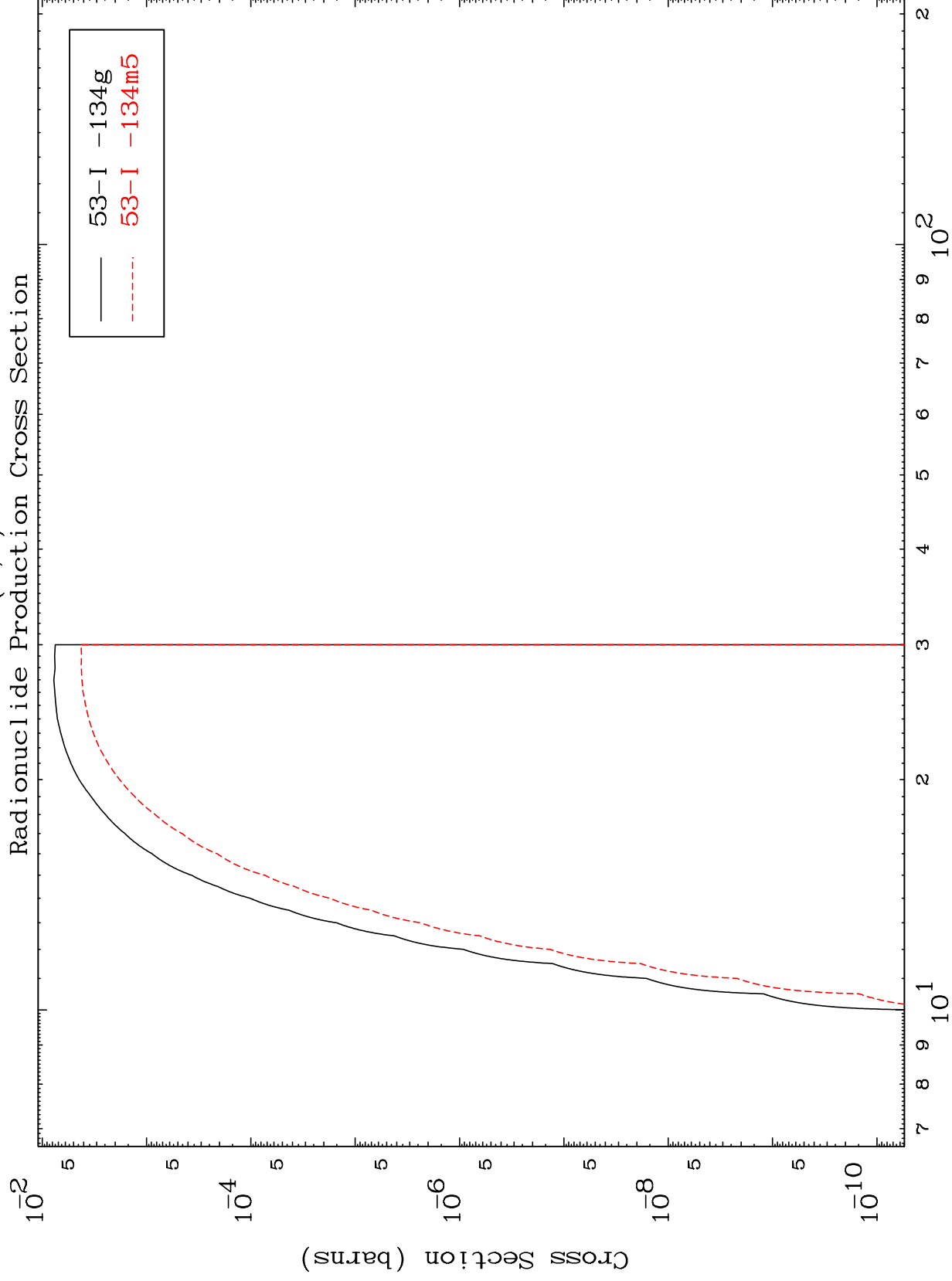
Incident Energy (MeV)

54-Xe-135

MAT 5459

(n,d)

54-Xe-135



31

Incident Energy (MeV)

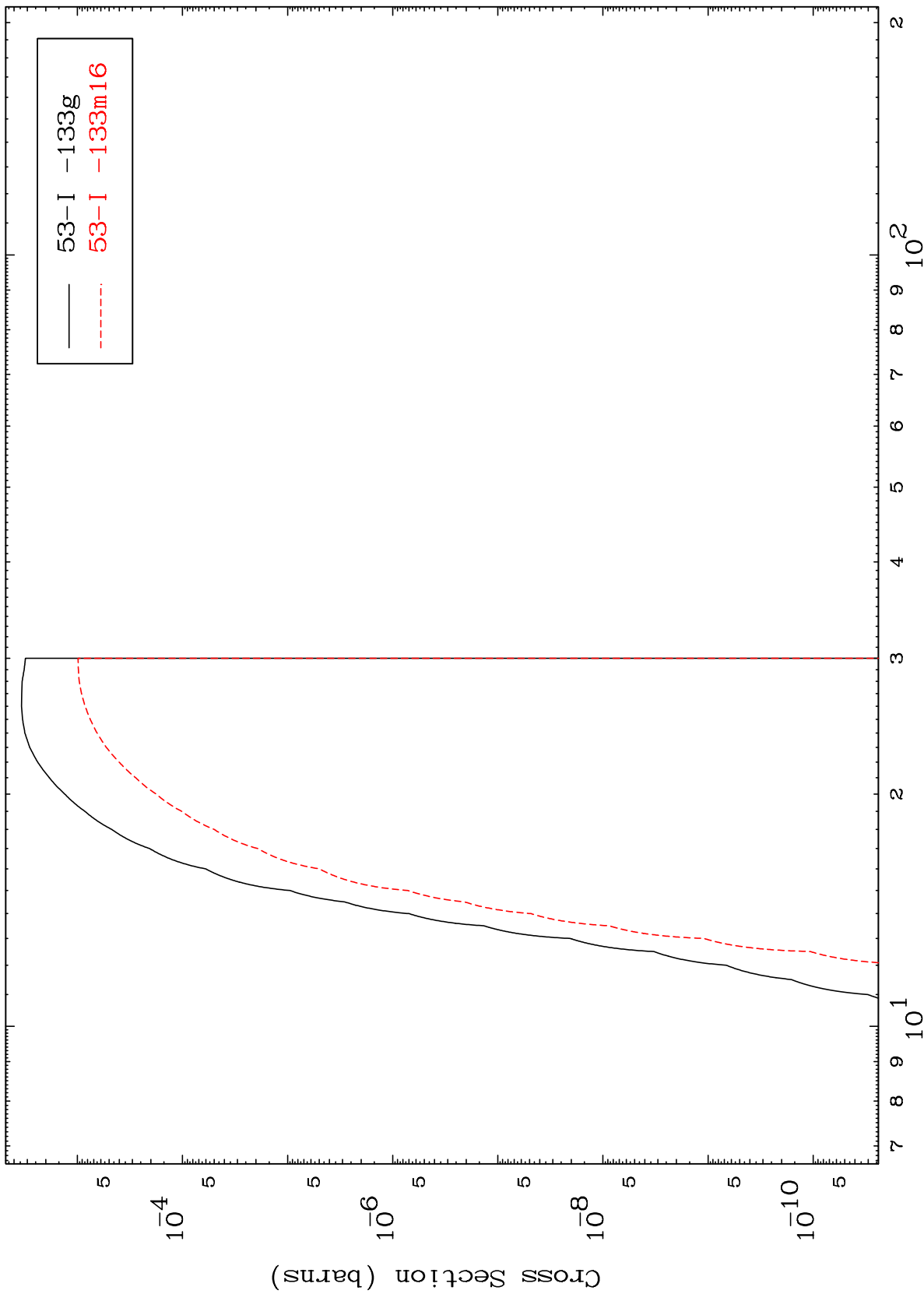
54-Xe-135



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54-Xe-135

(n, t)  
Radionuclide Production Cross Section



32

Incident Energy (MeV)

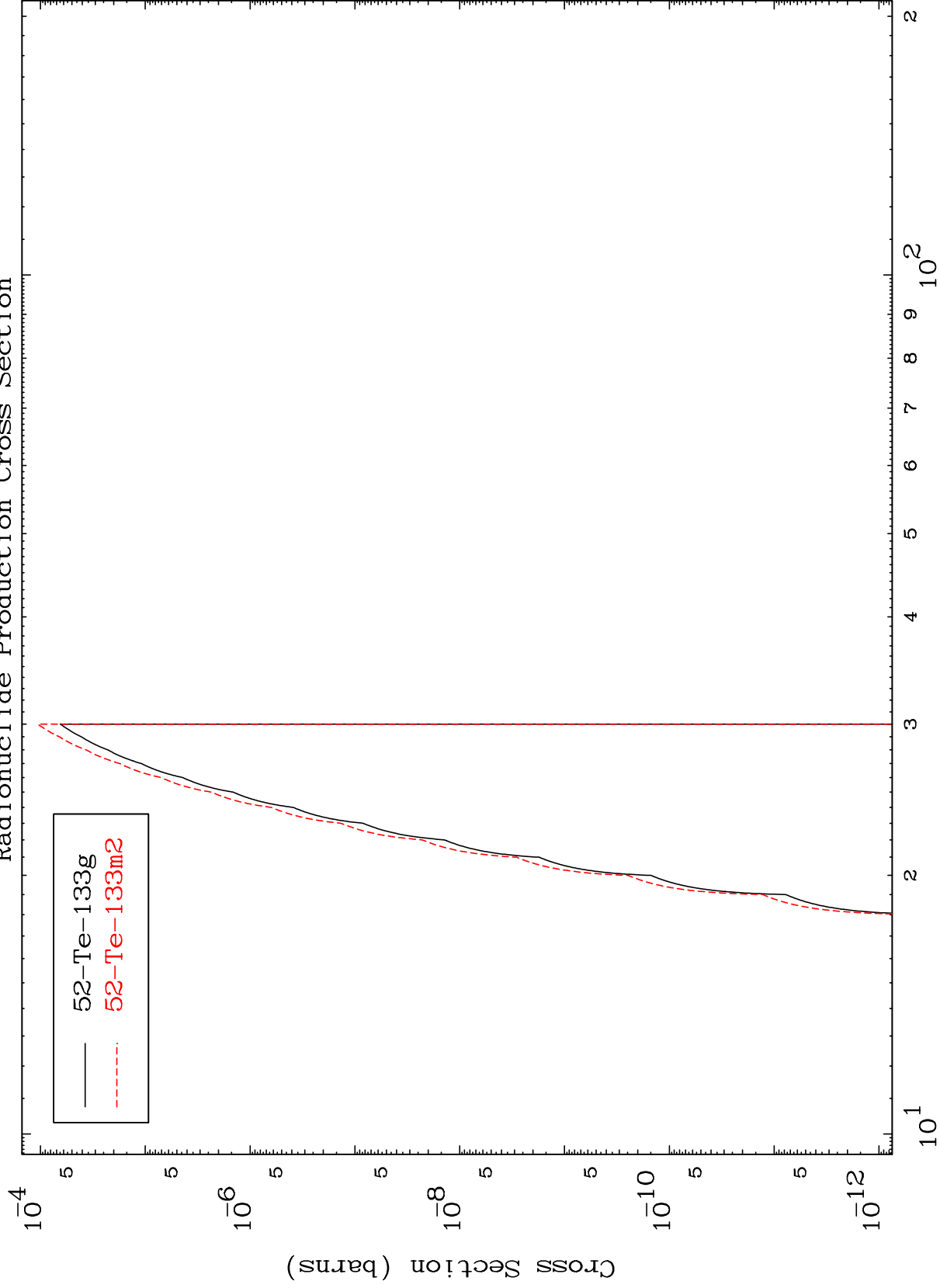
54-Xe-135

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(n,He-3)

54-Xe-135

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-135

33

