

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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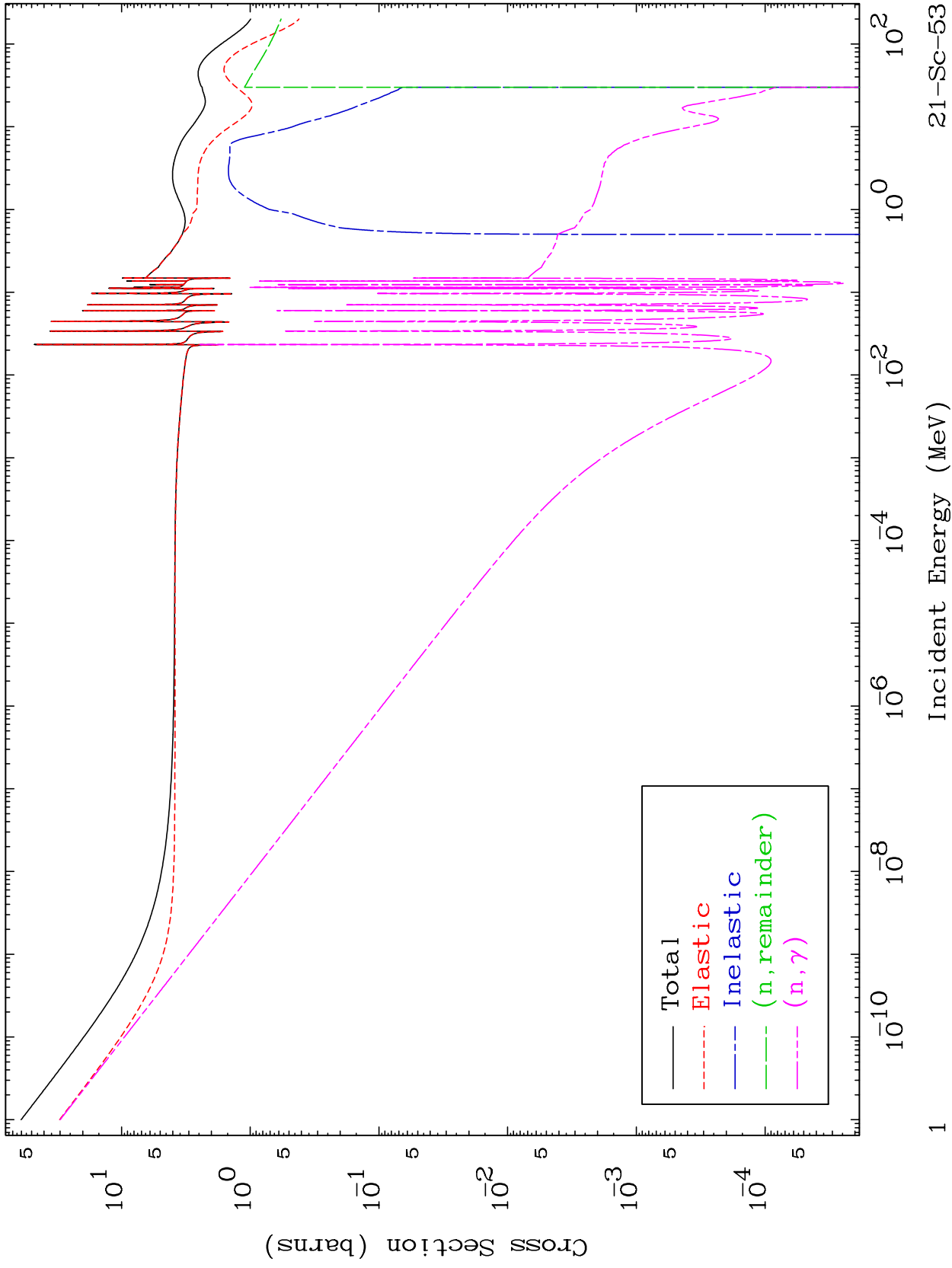
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

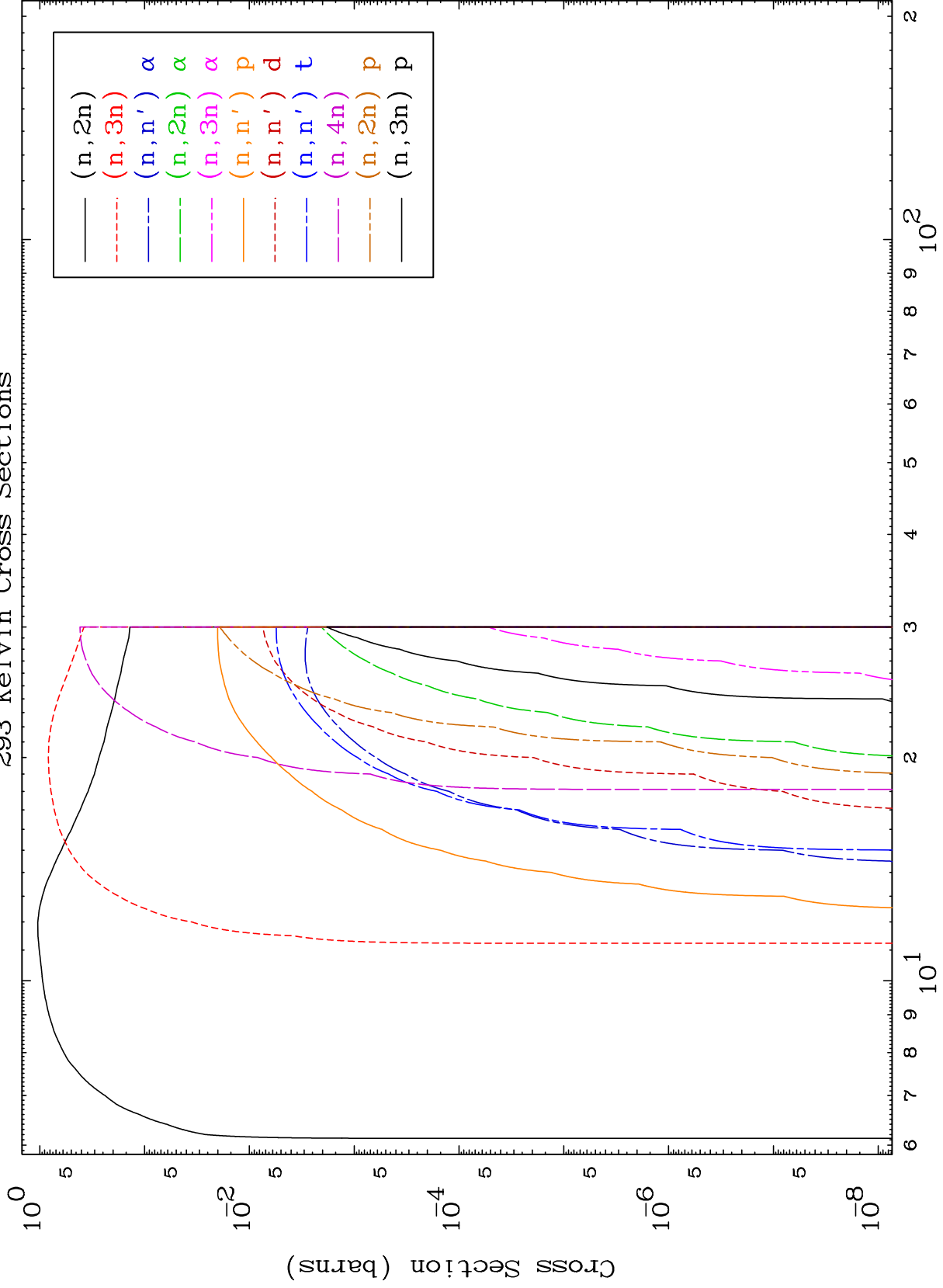
Press Mouse Button to Start

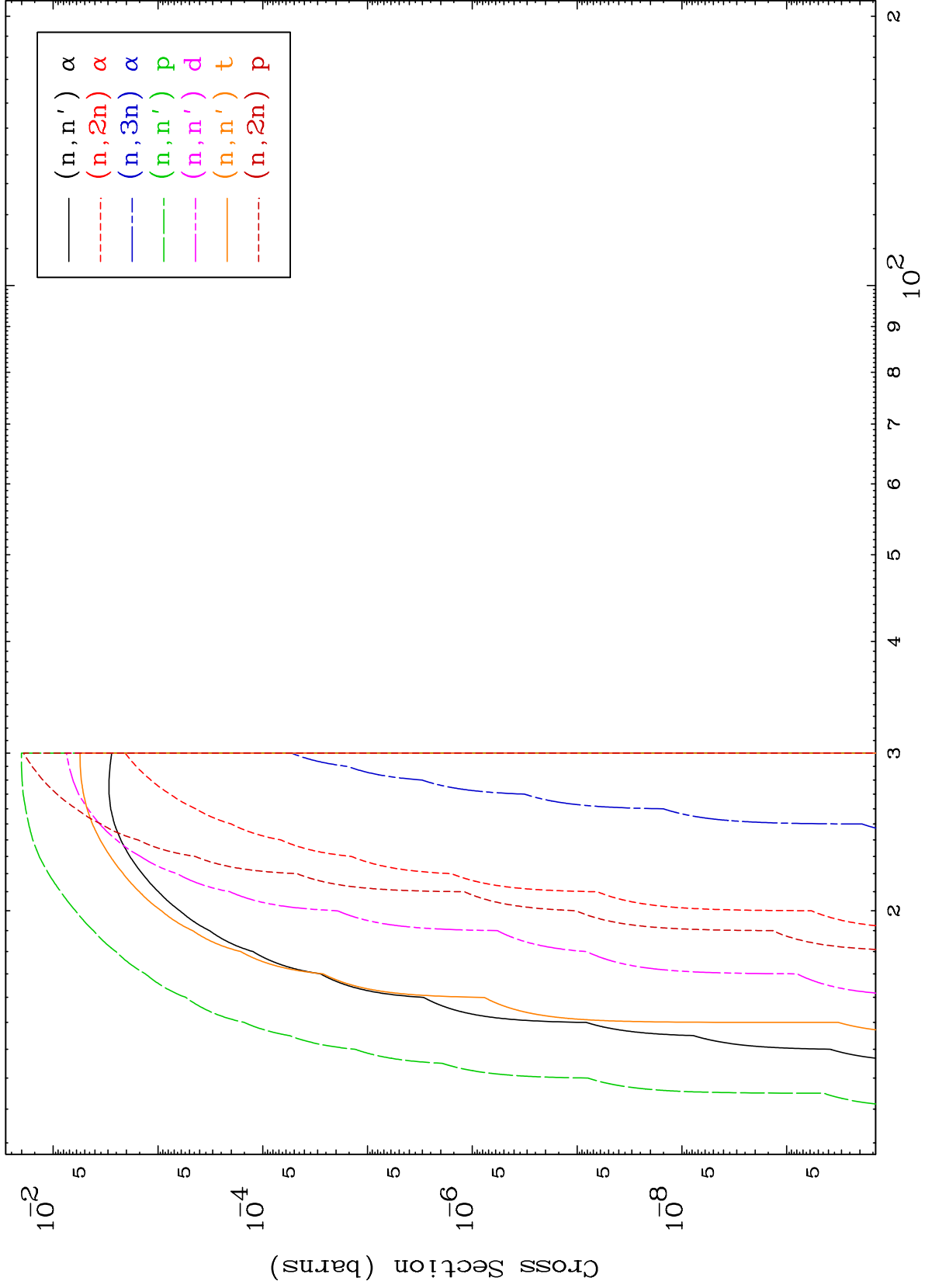
MAT 2149

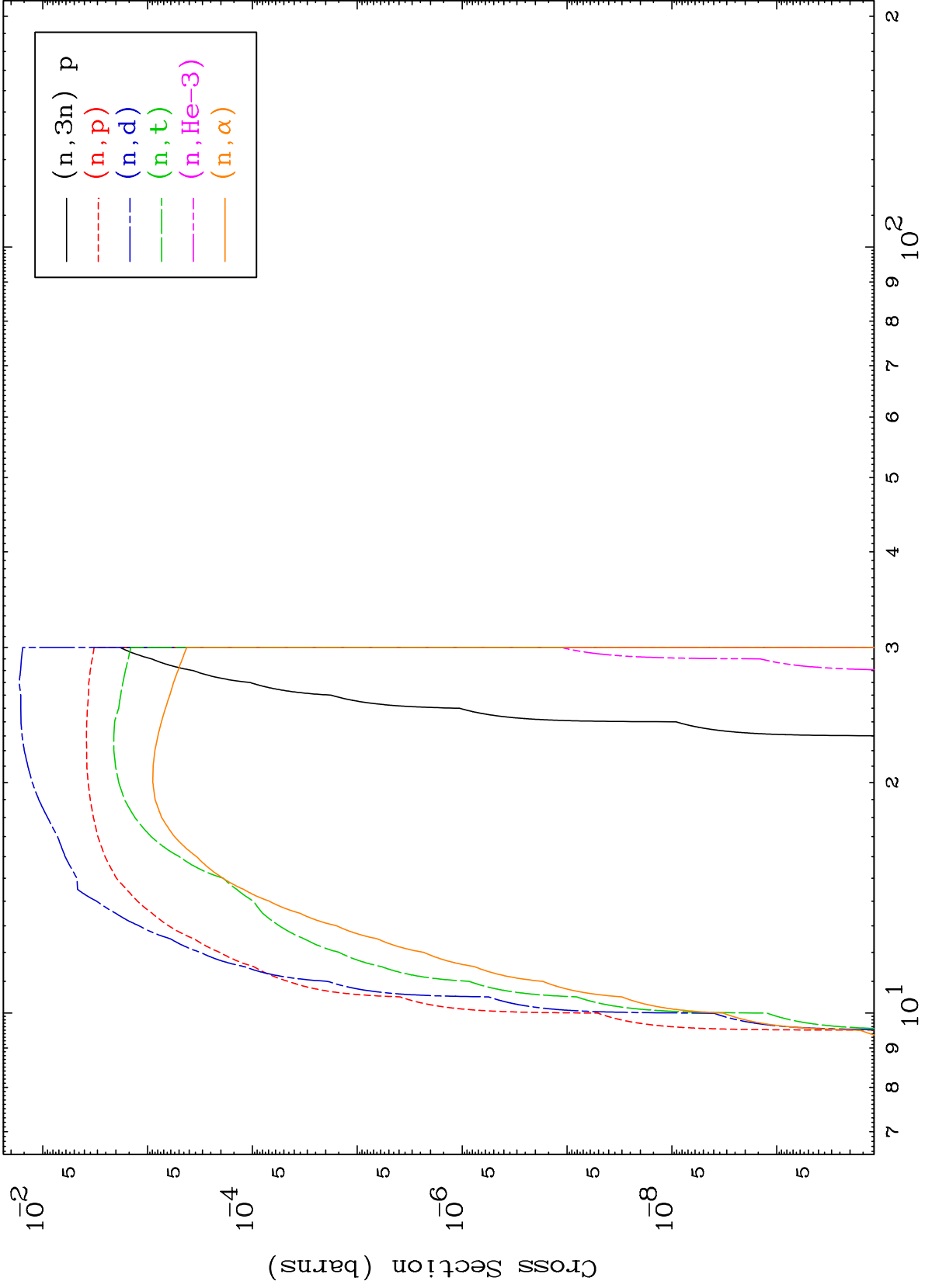
Major  
293 Kelvin Cross Sections

21-Sc-53





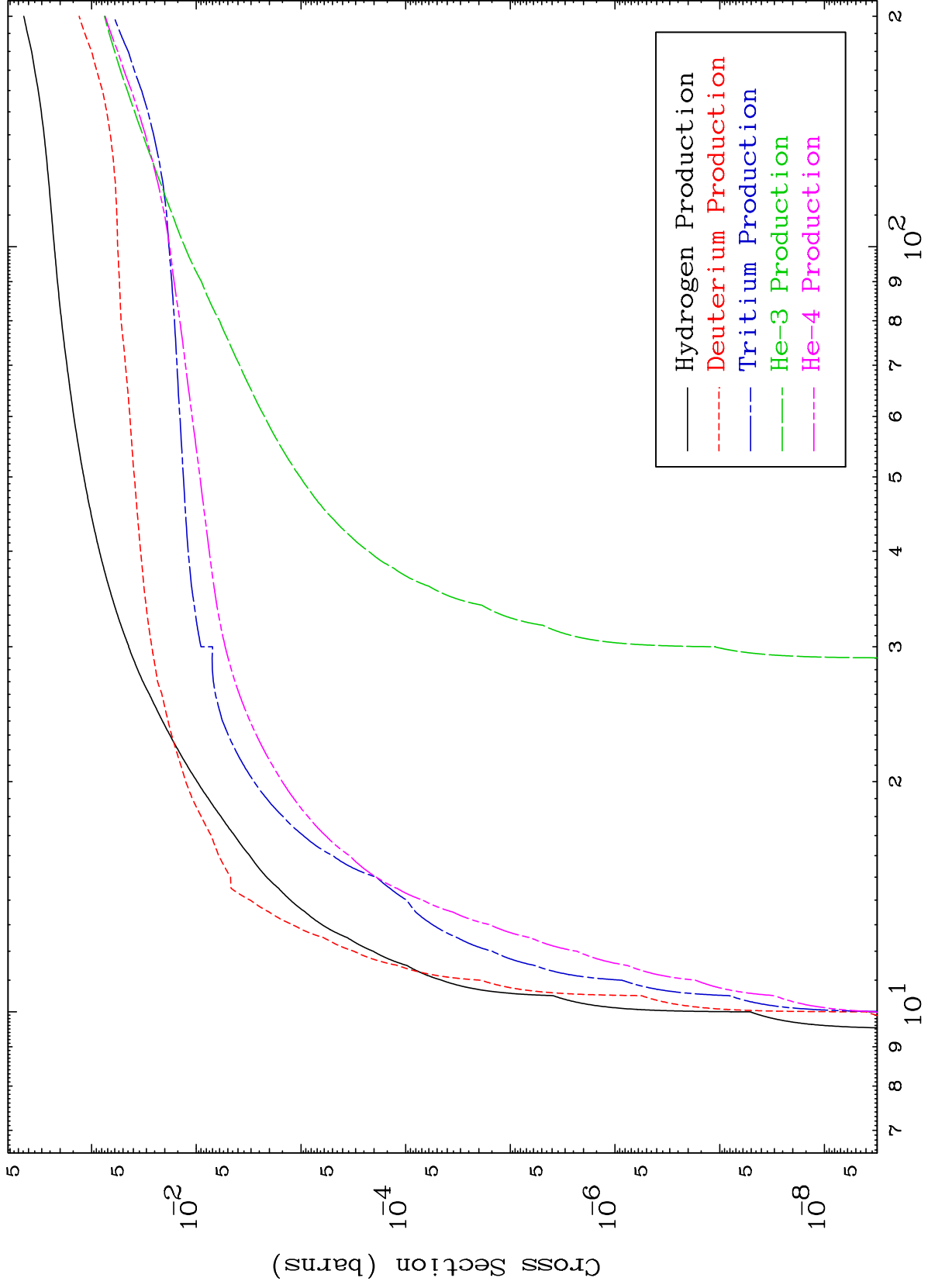




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Particle Production  
293 Kelvin Cross Sections

21-Sc-53



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Incident Energy (MeV)

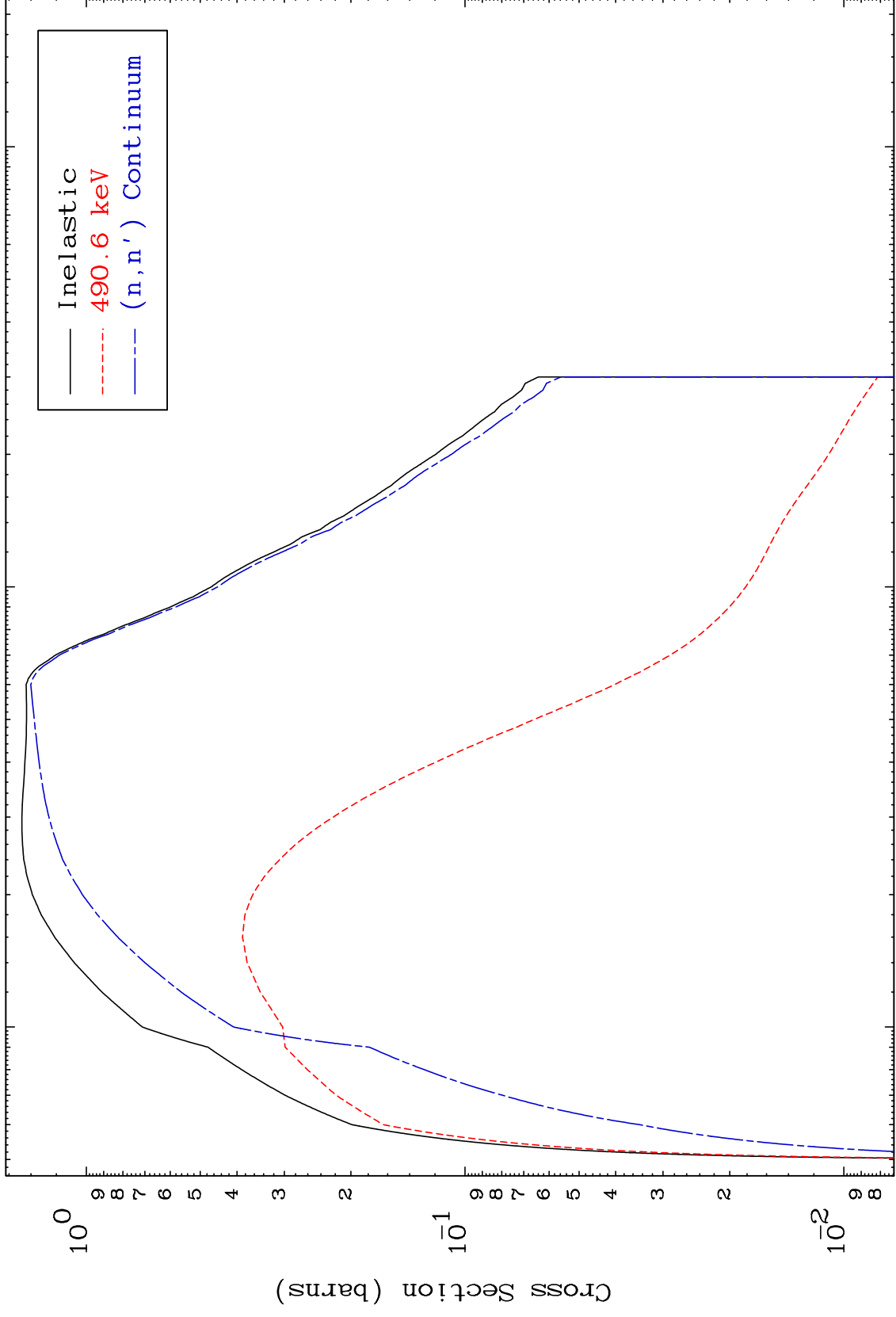
21-Sc-53

MAT 2149

(n,n') Level

21-Sc-53

293 Kelvin Cross Sections



6

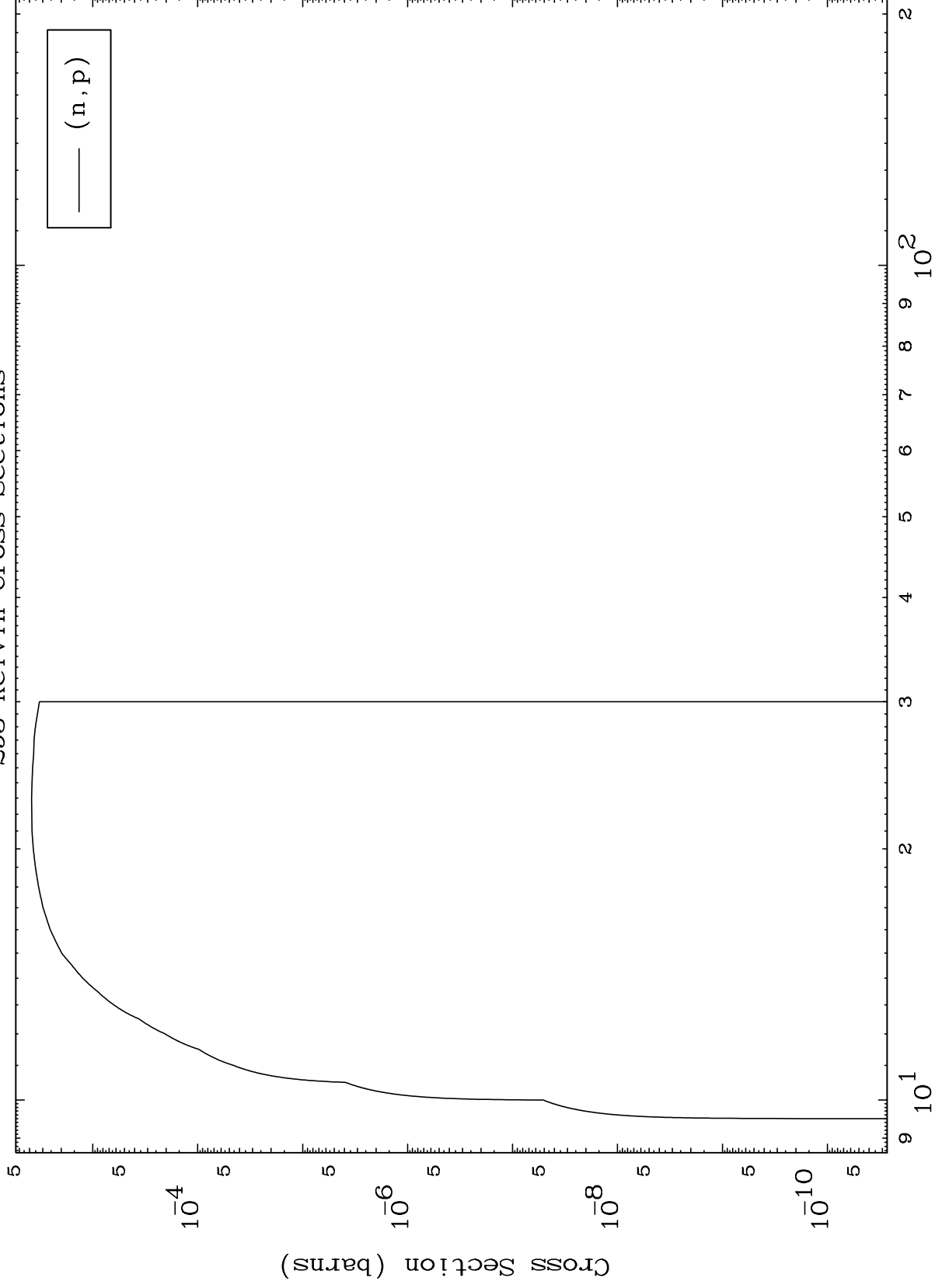
Incident Energy (MeV)

21-Sc-53

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(n,p) Levels  
293 Kelvin Cross Sections

21-Sc-53



(n,p)

Incident Energy (MeV)

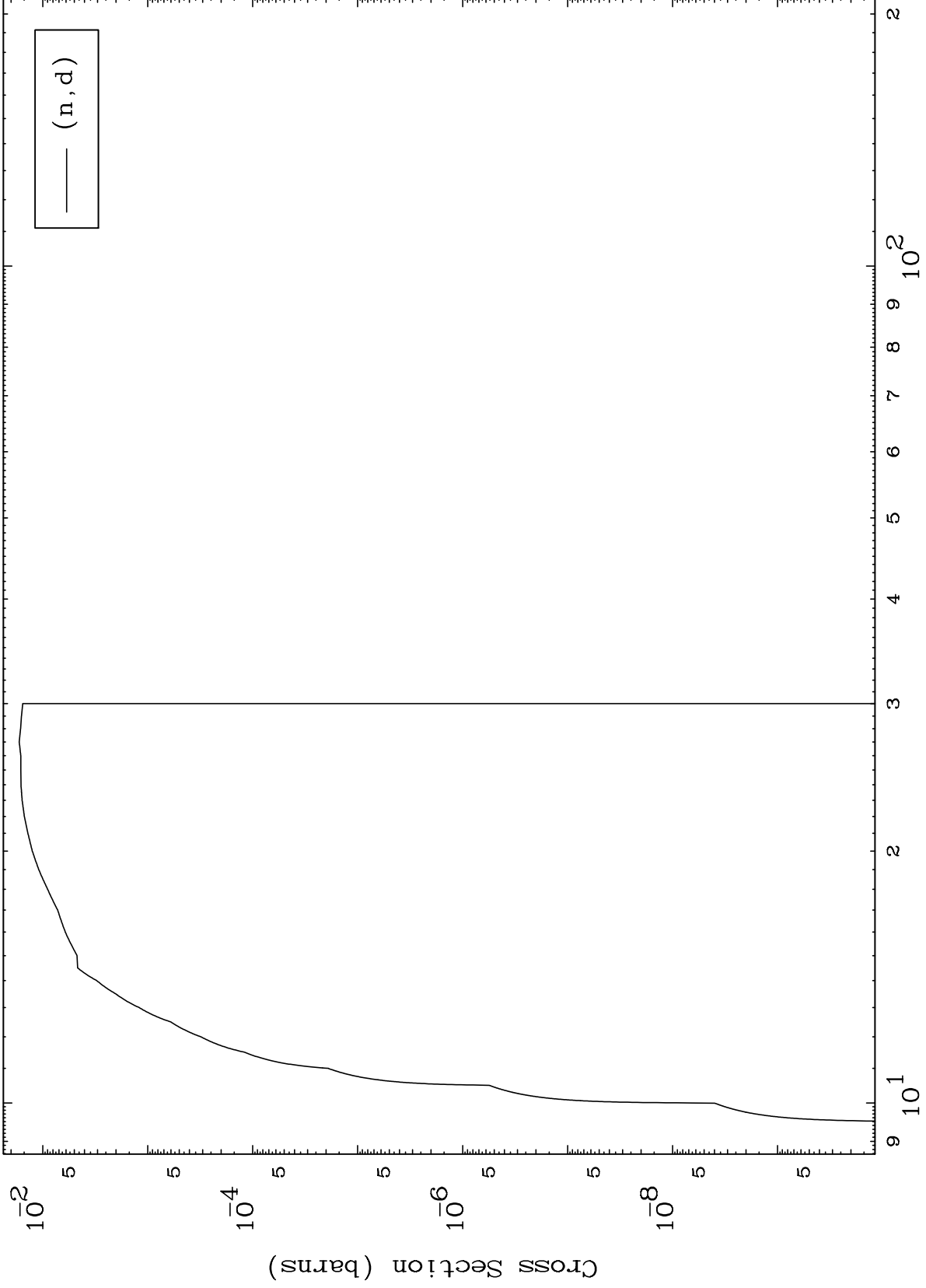
21-Sc-53



MAT 2149

(n,d) Levels  
293 Kelvin Cross Sections

21-Sc-53



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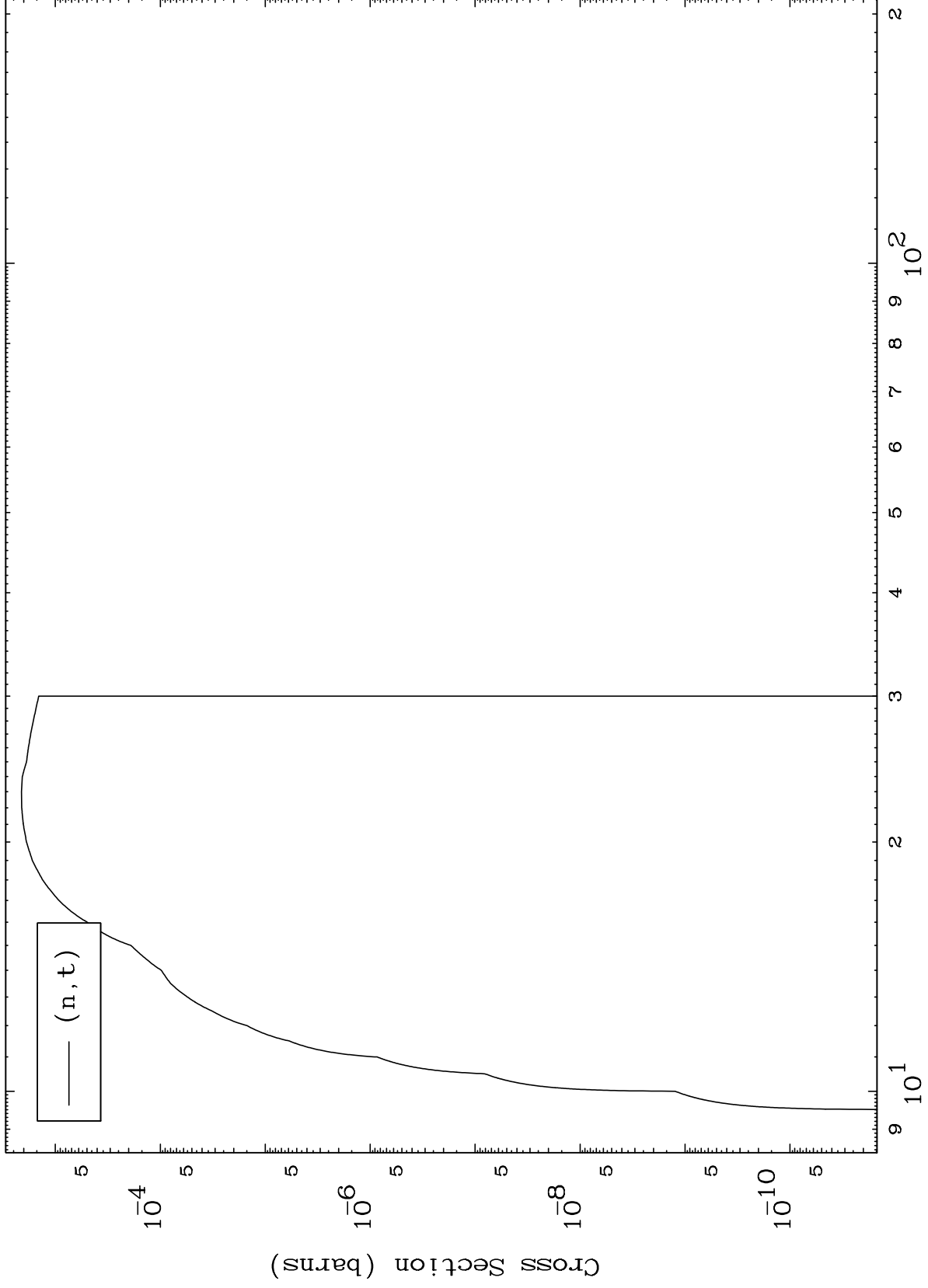
Incident Energy (MeV)

21-Sc-53

MAT 2149

(n,t) Levels  
293 Kelvin Cross Sections

21-Sc-53



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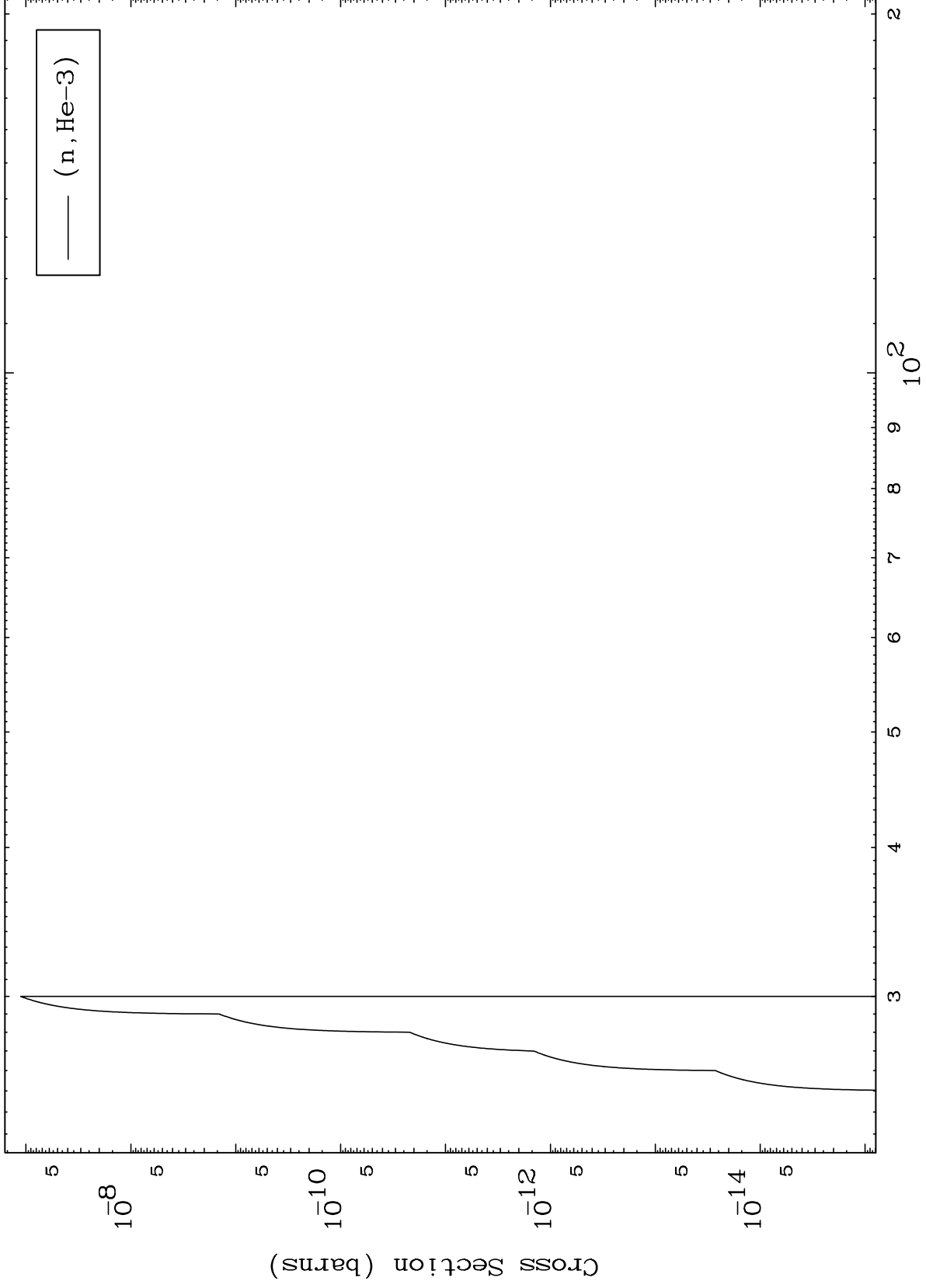
Incident Energy (MeV)

21-Sc-53

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(n,He3) Levels  
293 Kelvin Cross Sections

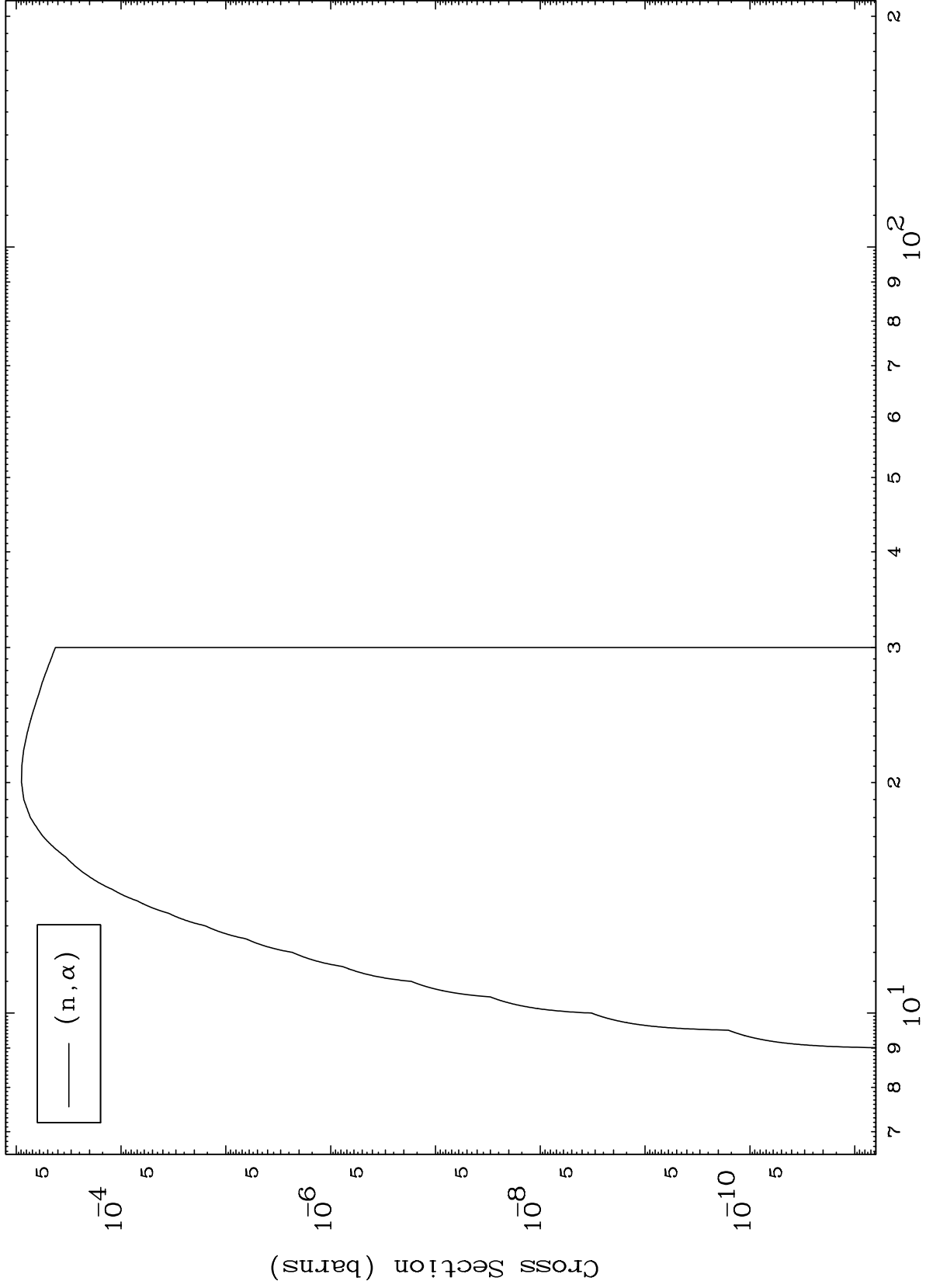
21-Sc-53

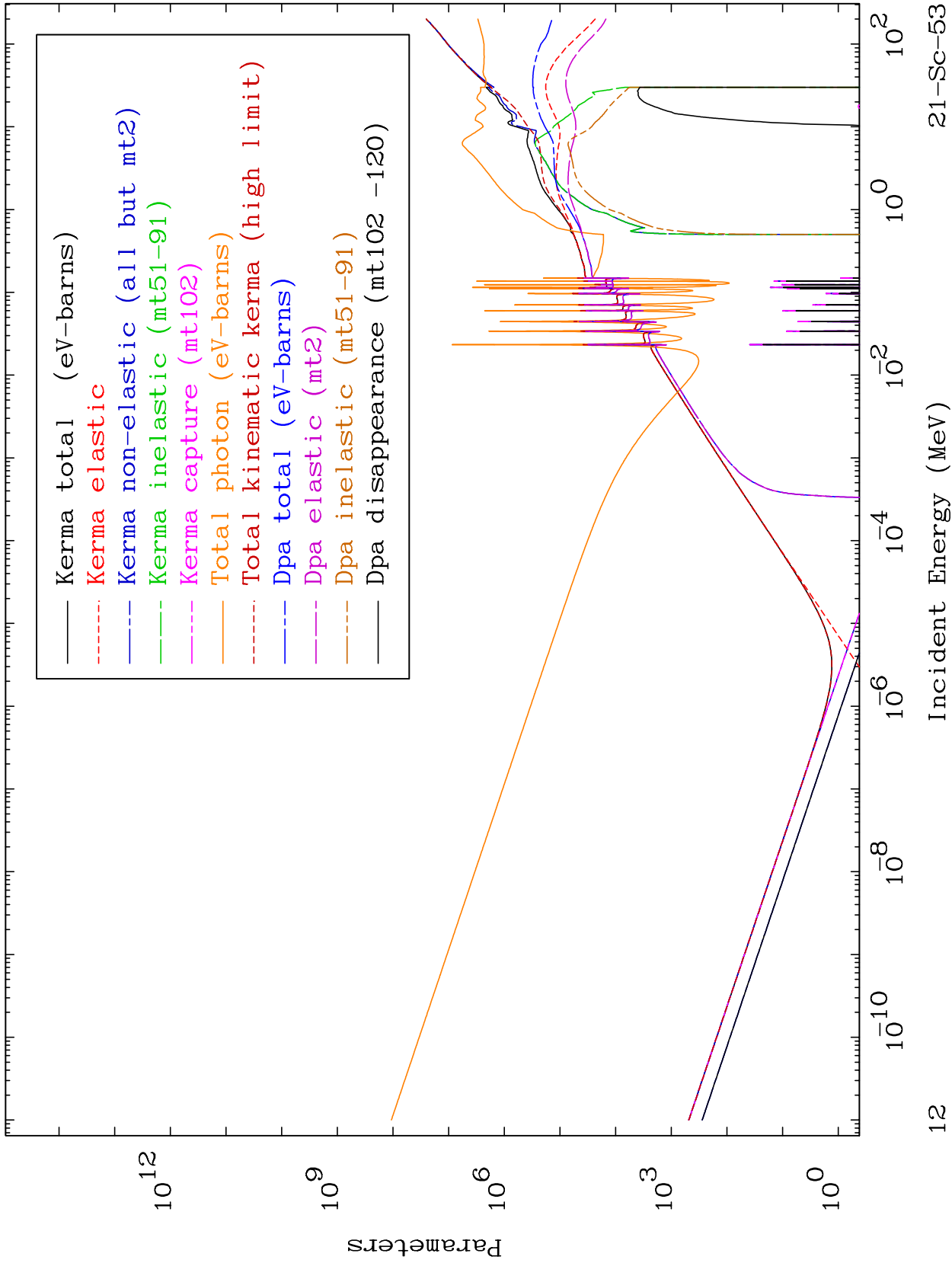


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Incident Energy (MeV)

21-Sc-53

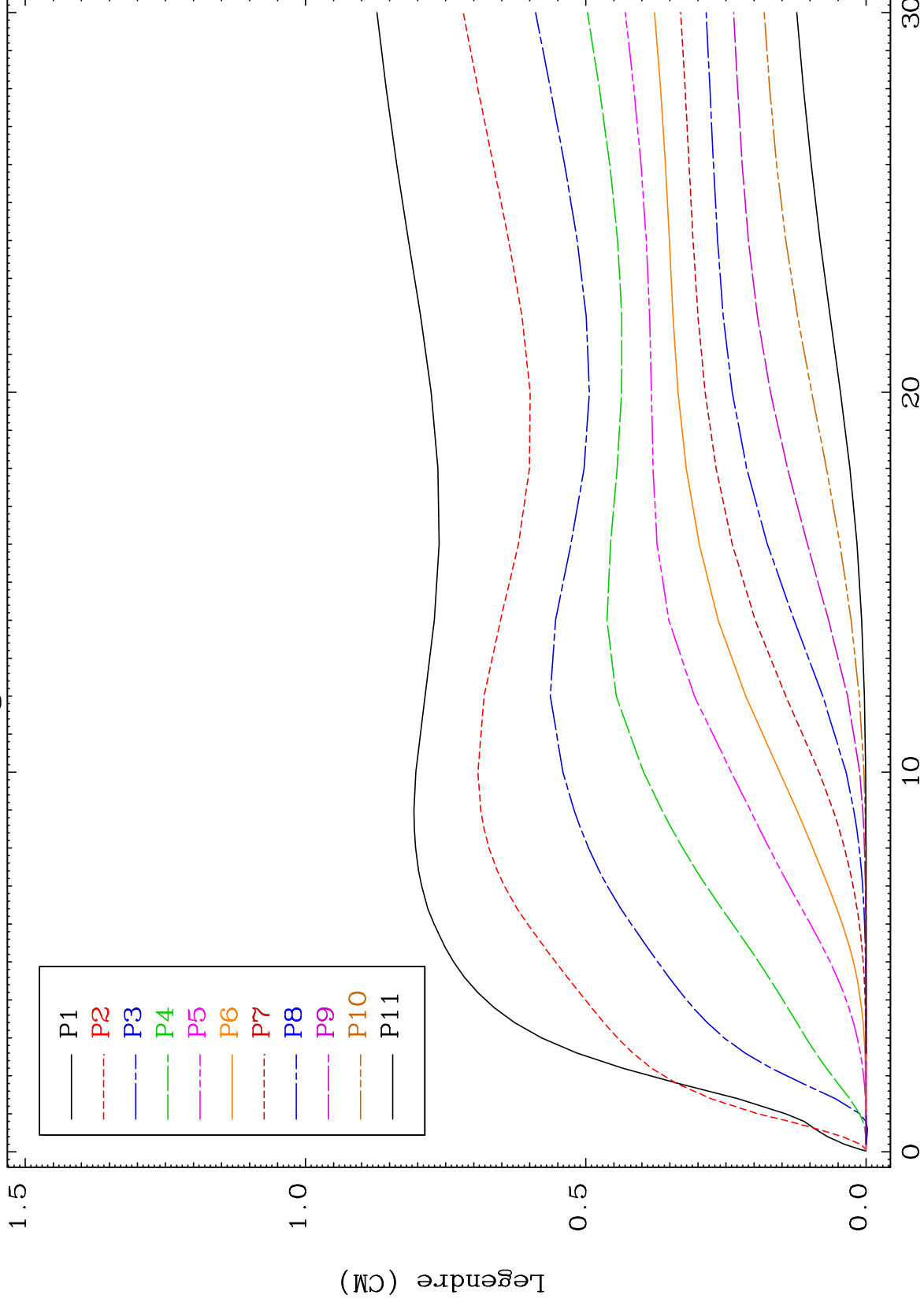




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Elastic Legendre Coefficients

21-Sc-53



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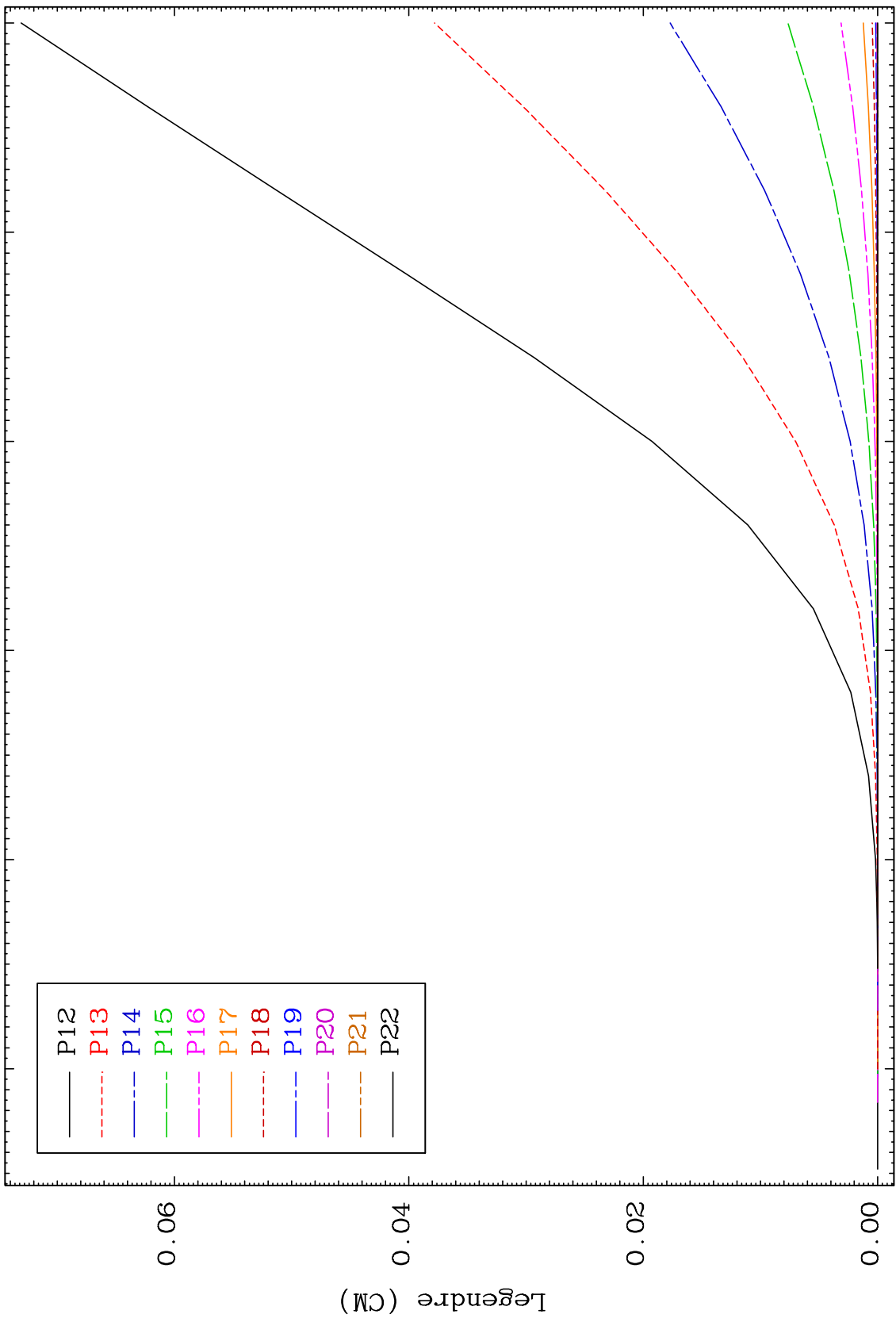
Incident Energy (MeV)

21-Sc-53

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Elastic  
Legendre Coefficients

21-Sc-53



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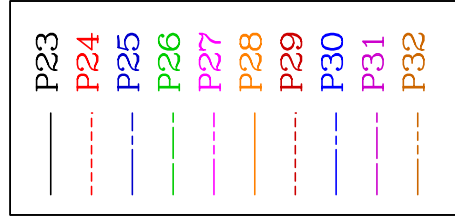
Incident Energy (MeV)

21-Sc-53

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Elastic  
Legendre Coefficients

21-Sc-53



$\times 10^{-6}$   
1.5

1.0

0.5

0.0

10

15

20

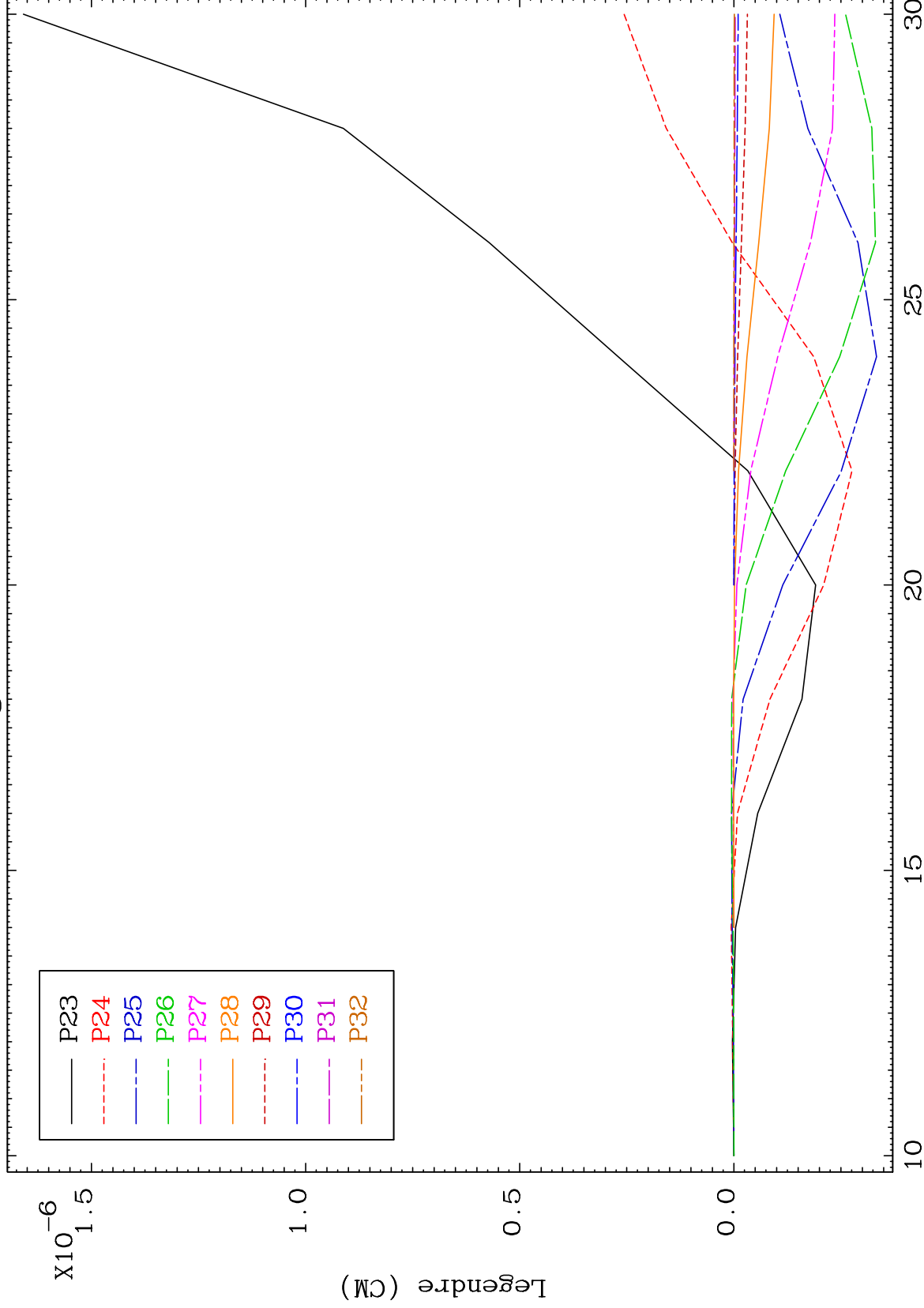
25

30

15

Incident Energy (MeV)

21-Sc-53

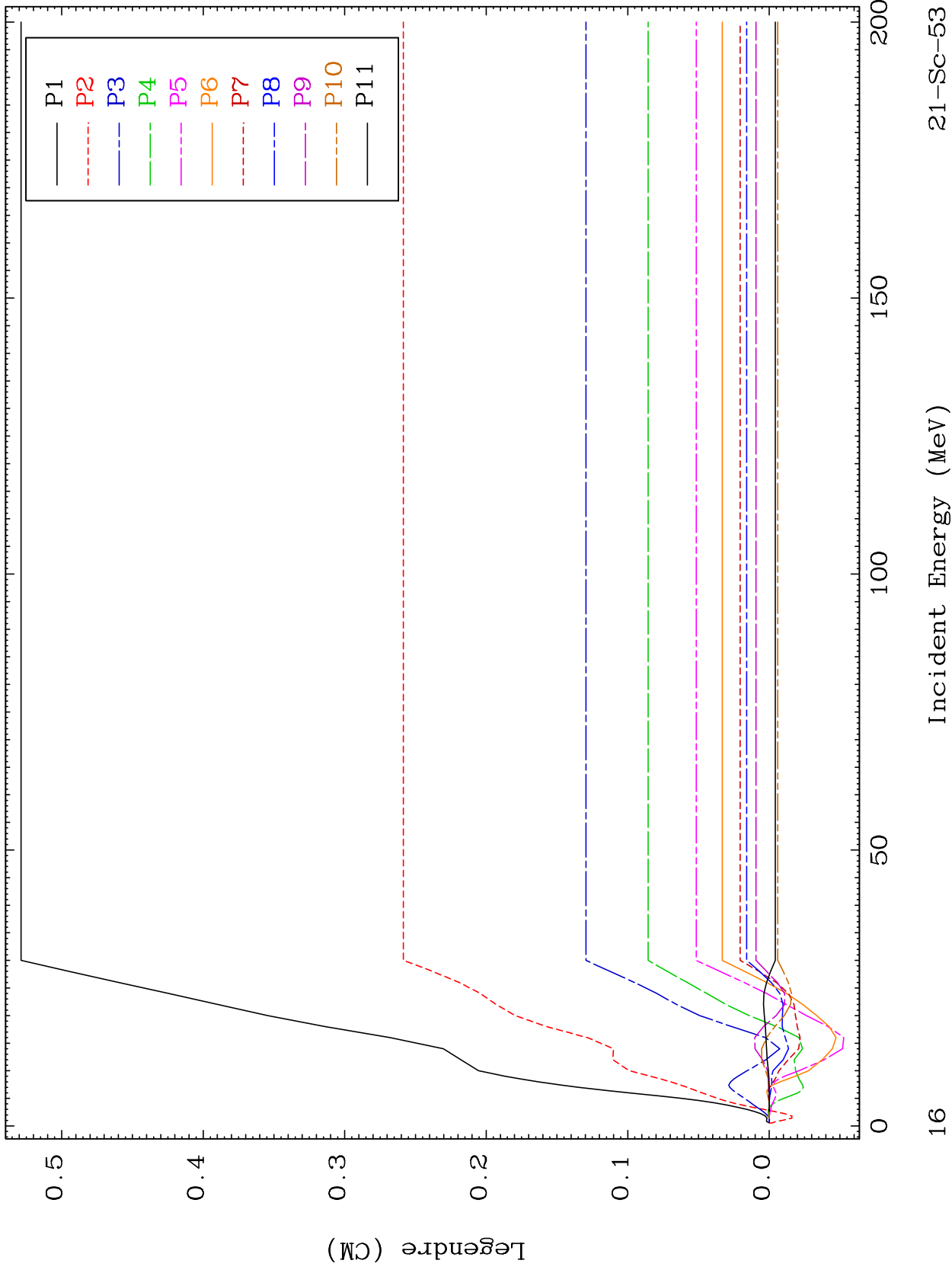




MAT 2149

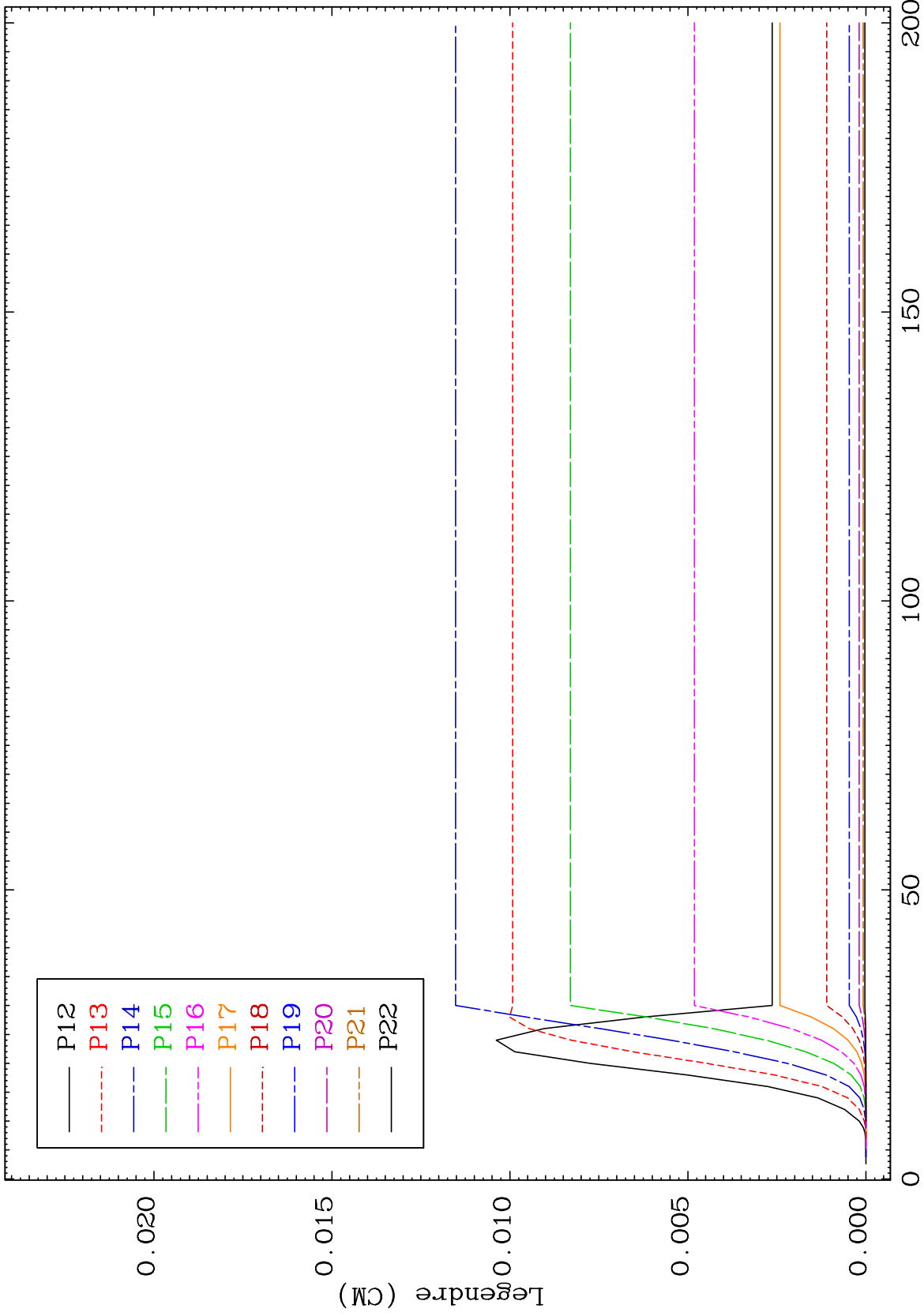
490.6 keV (n,n') Level  
Legendre Coefficients

21-Sc-53



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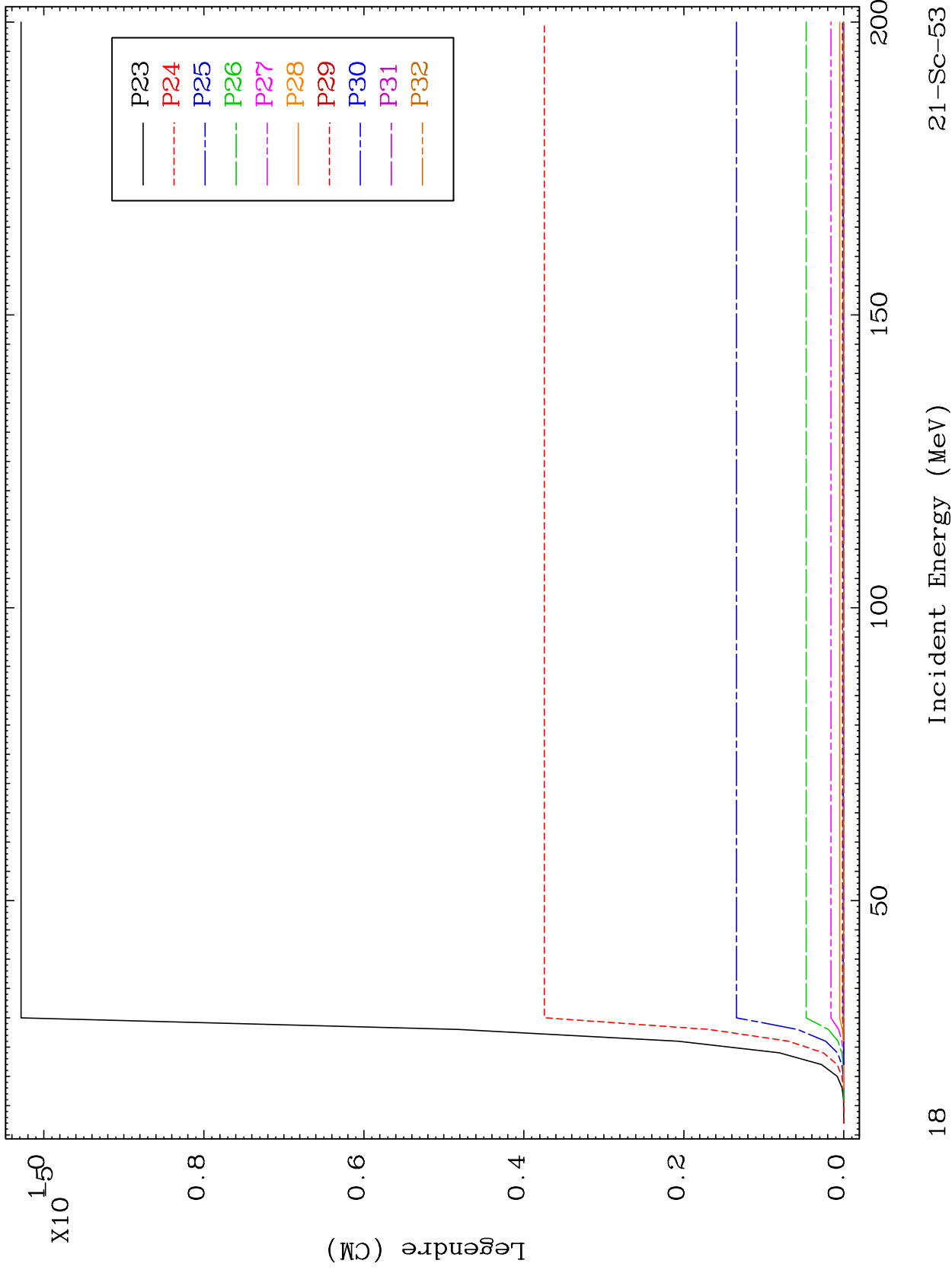
21-Sc-53



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490.6 keV (n,n') Level  
Legendre Coefficients

21-Sc-53



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Incident Energy (MeV)

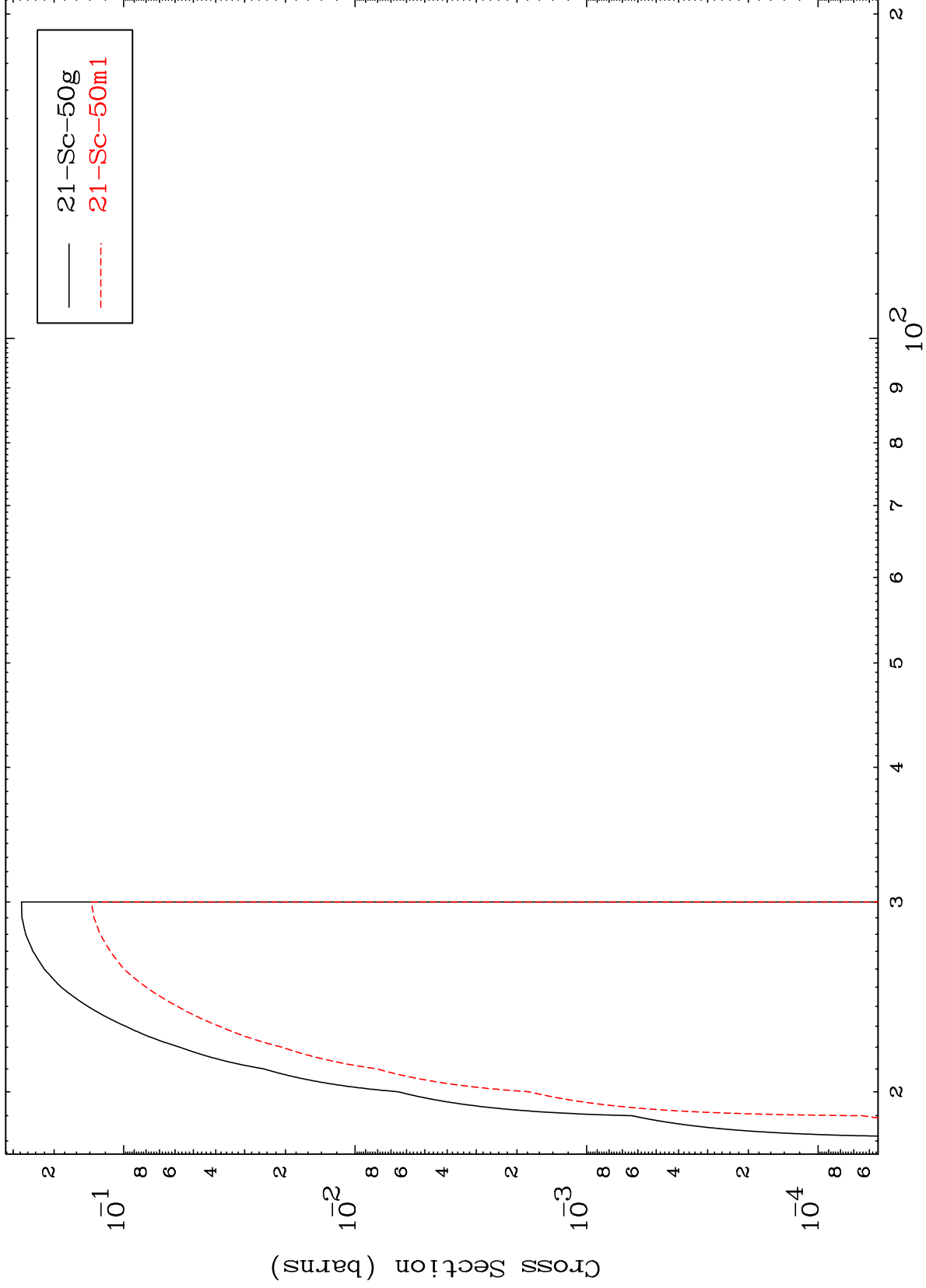
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(n,4n)

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Radionuclide Production Cross Section



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Incident Energy (MeV)

21-Sc-53