

Program EVALPLOT  
(Version 2015-2)

by

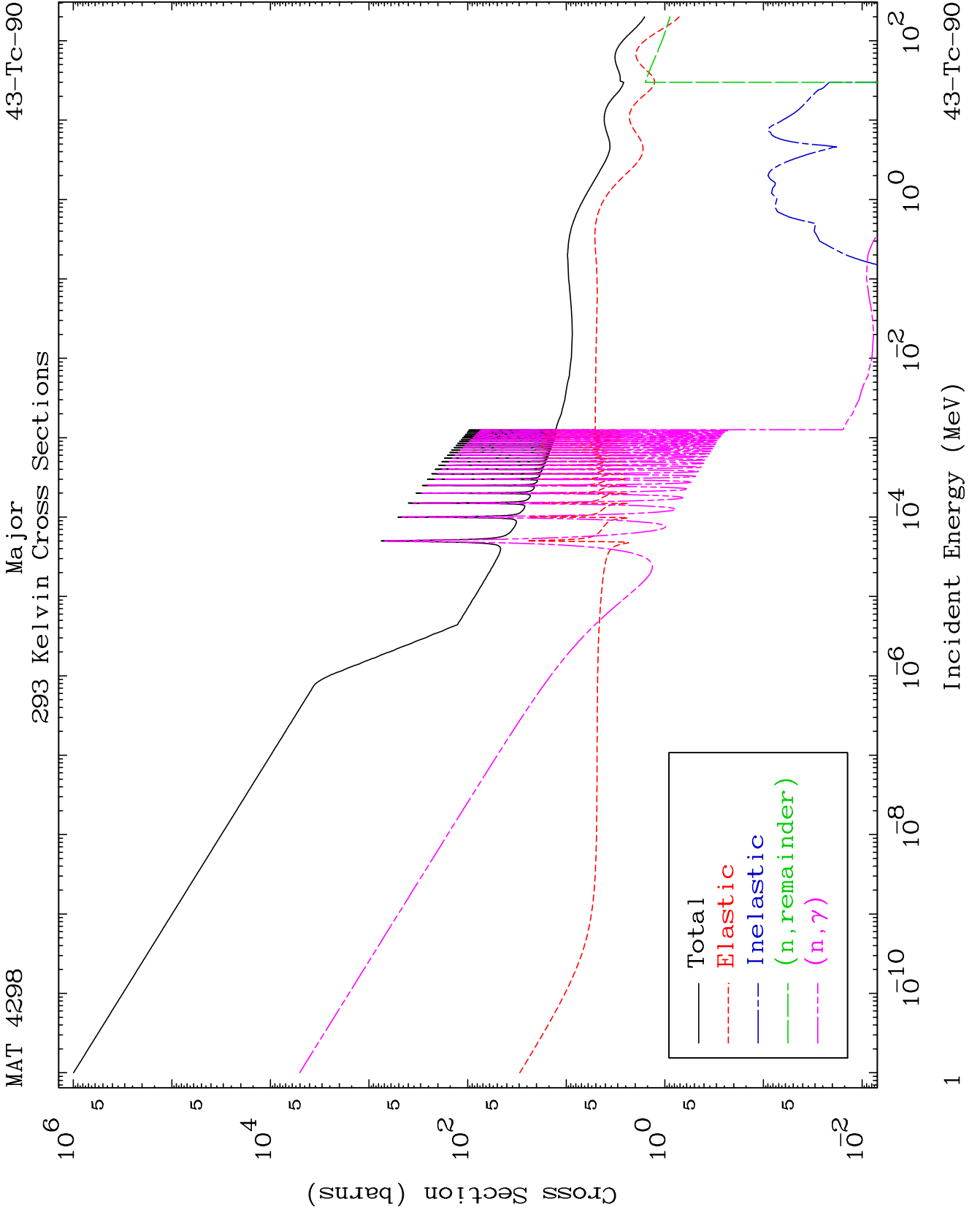
Dermott E. Cullen  
(Present Contact Information)

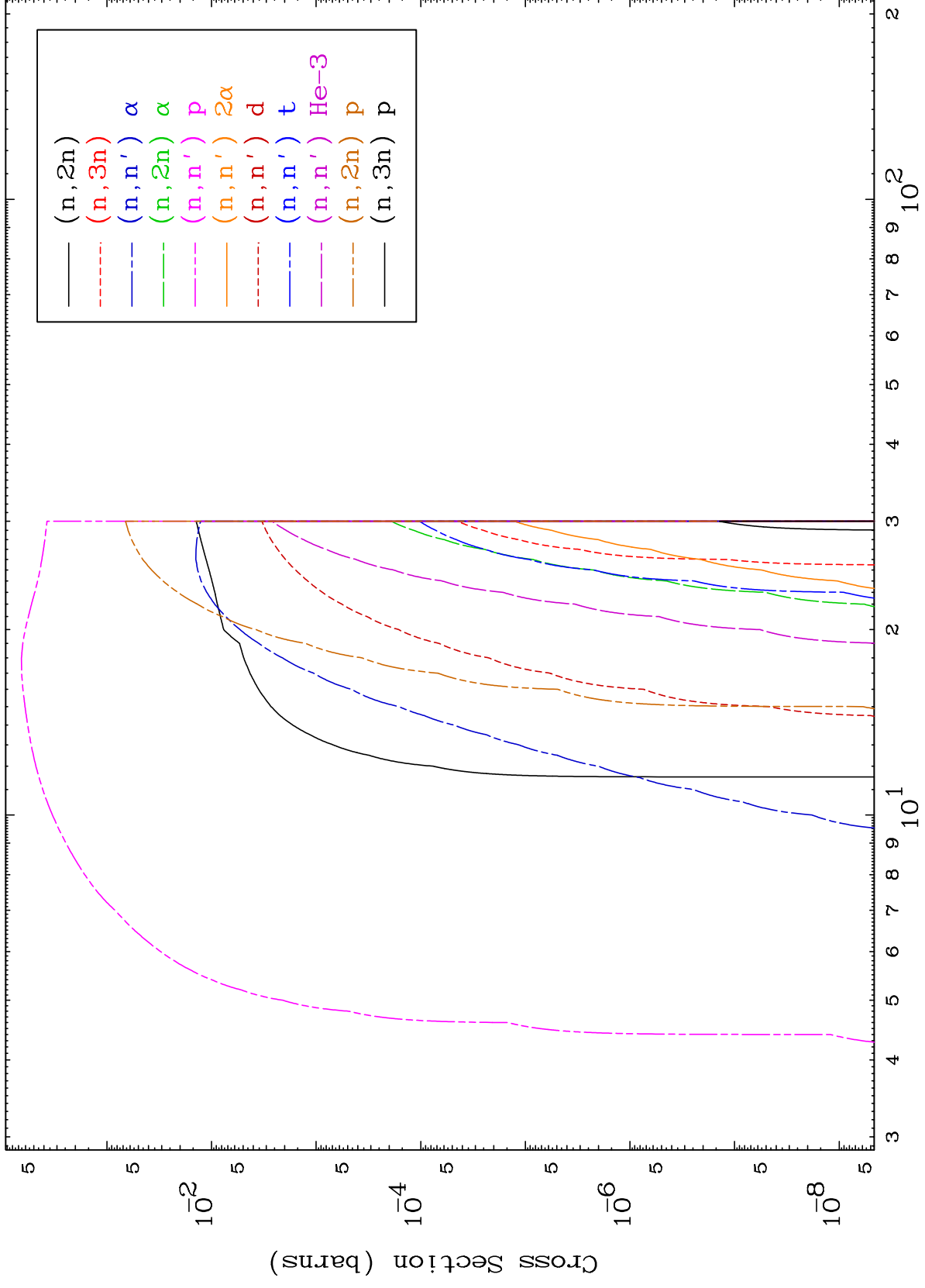
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Press Mouse Button to Start

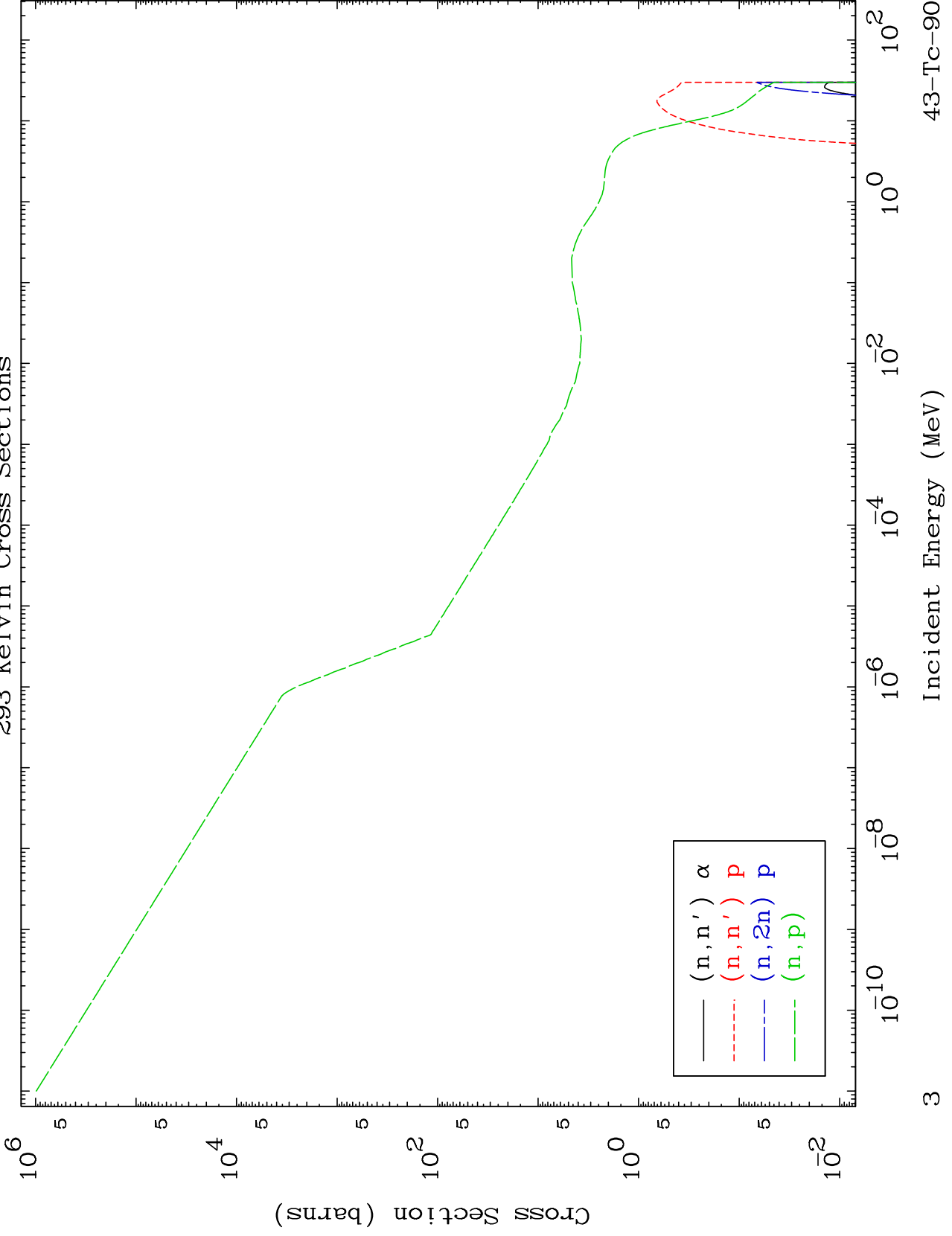




MAT 4298

Charged Particle  
293 Kelvin Cross Sections

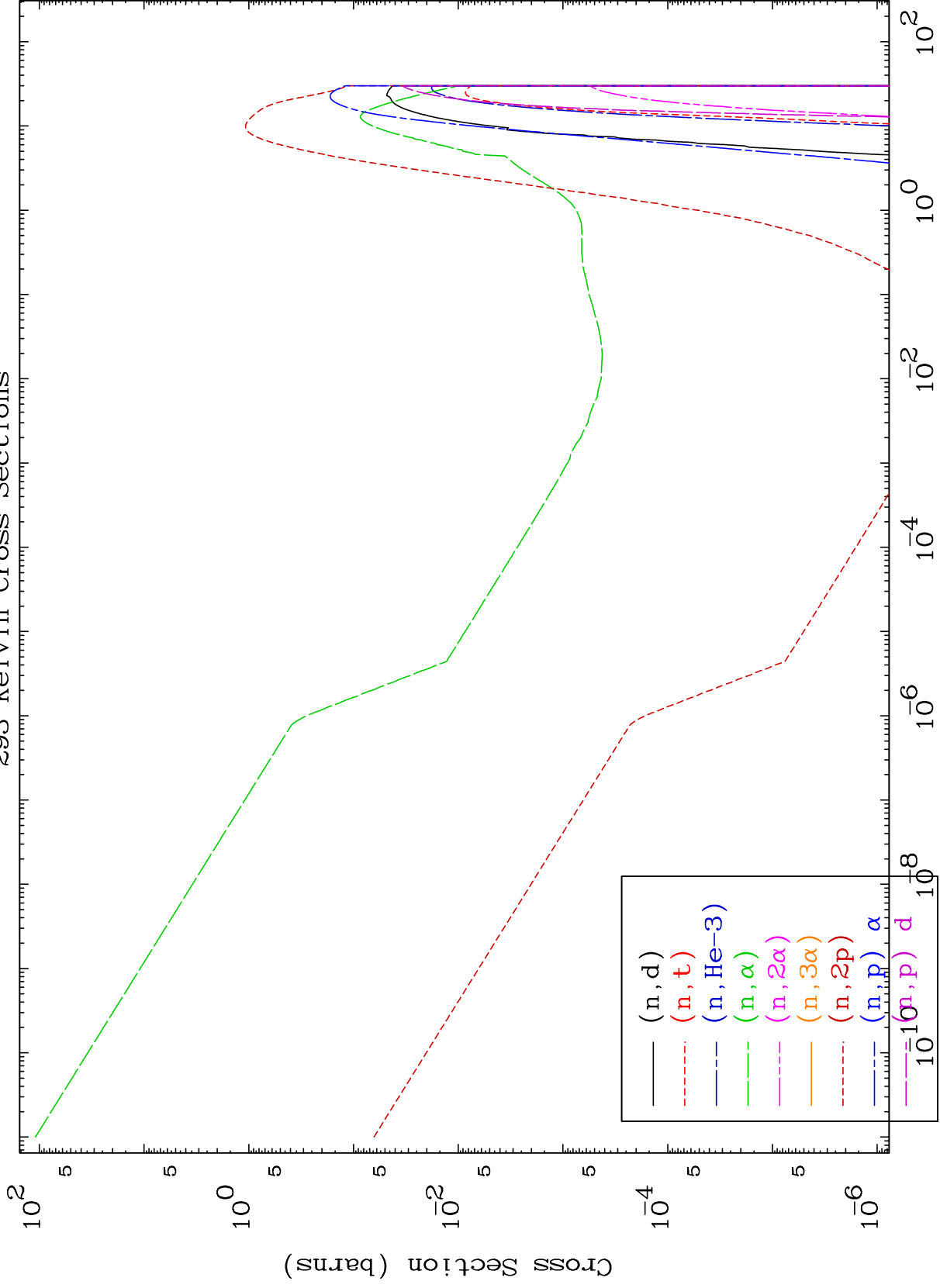
43-Tc-90



MAT 4298

Charged Particle  
293 Kelvin Cross Sections

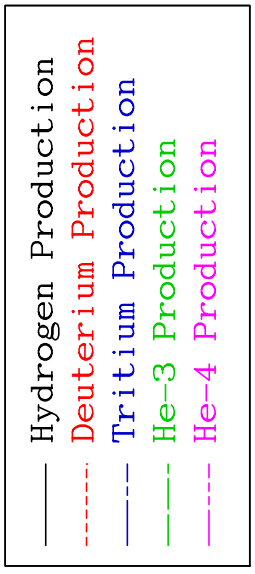
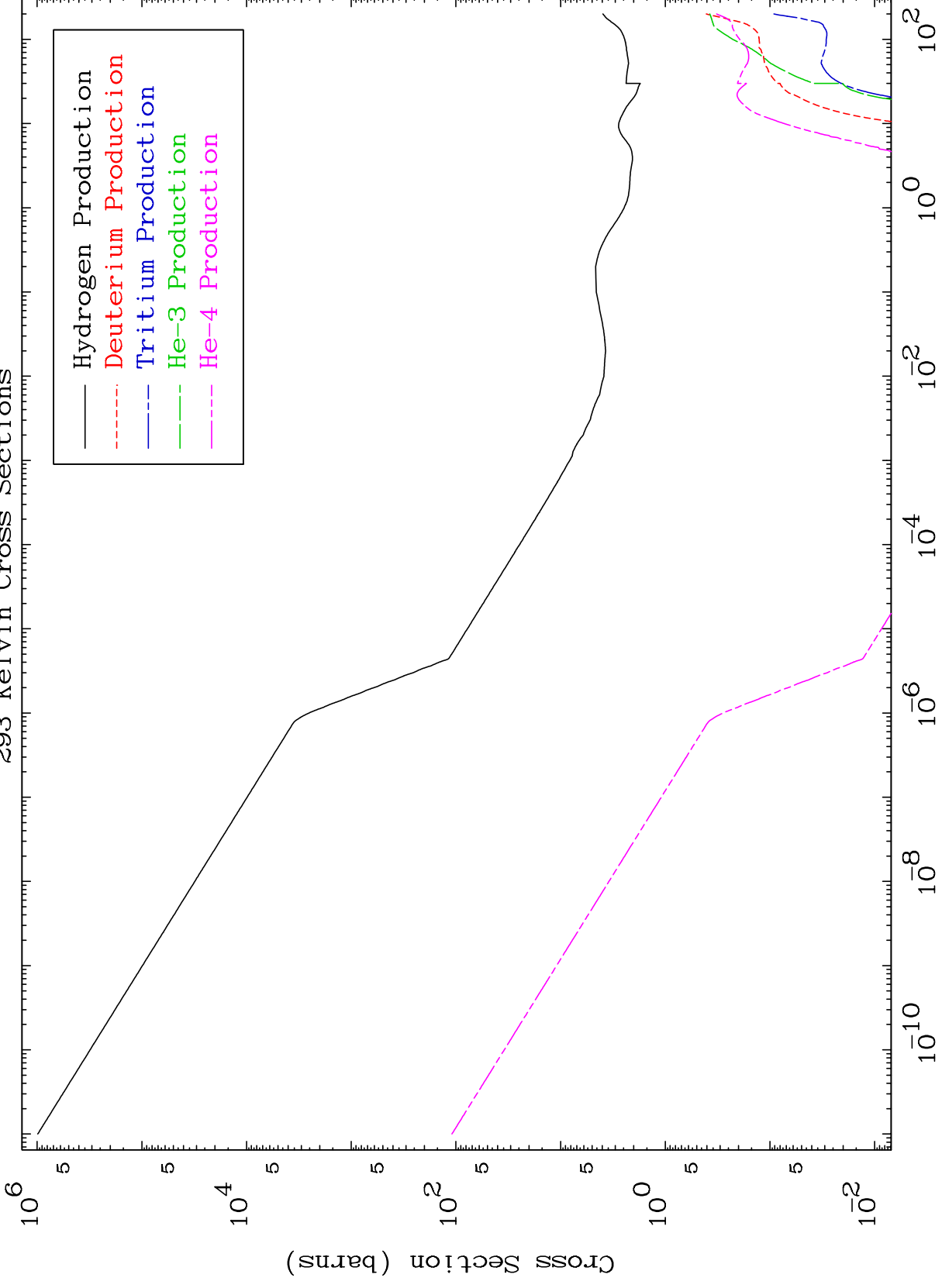
43-Tc-90



MAT 4298

Particle Production  
293 Kelvin Cross Sections

43-Tc-90



43-Tc-90

Incident Energy (MeV)

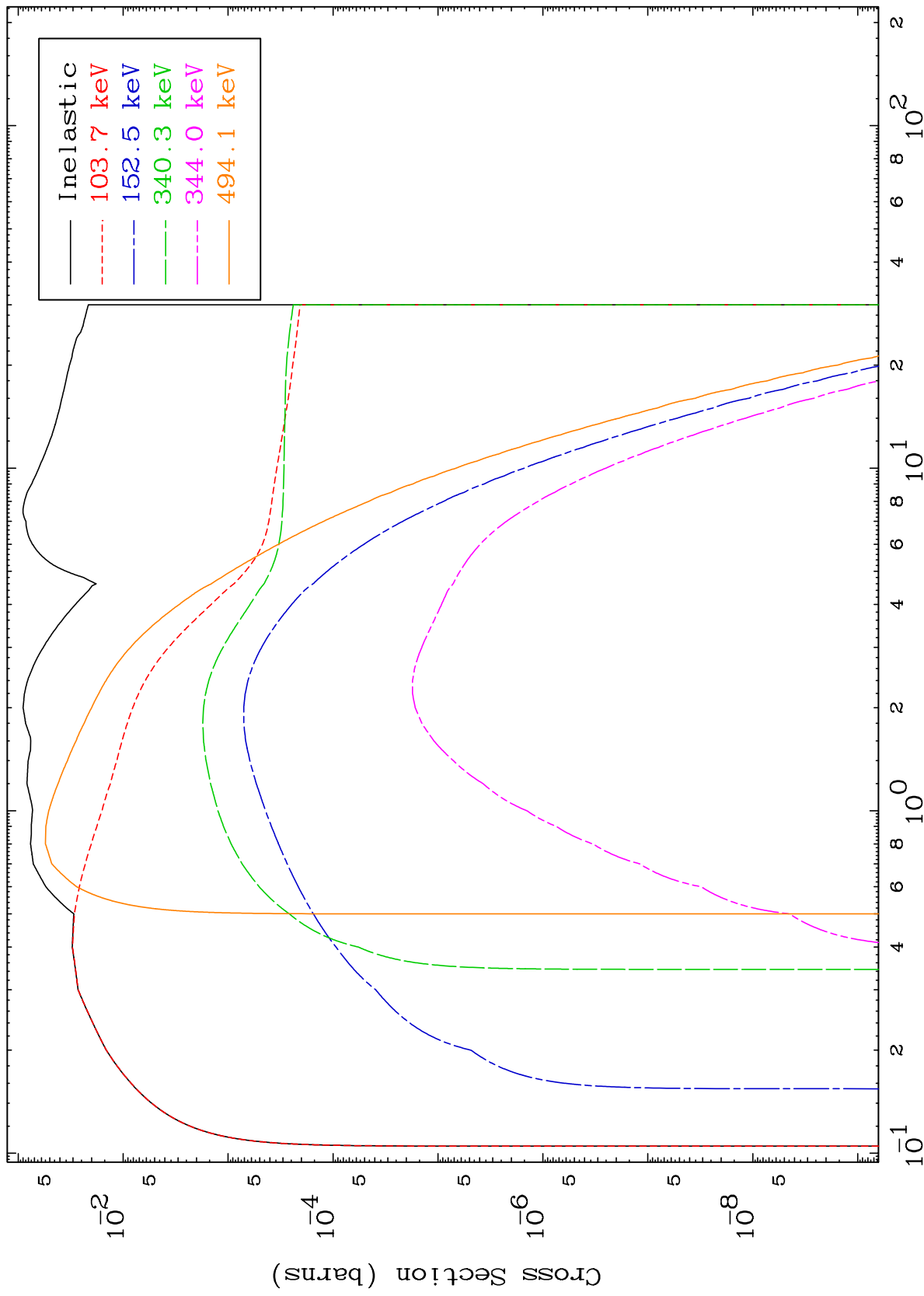
5

MAT 4298

(n,n') Level

43-Tc-90

293 Kelvin Cross Sections



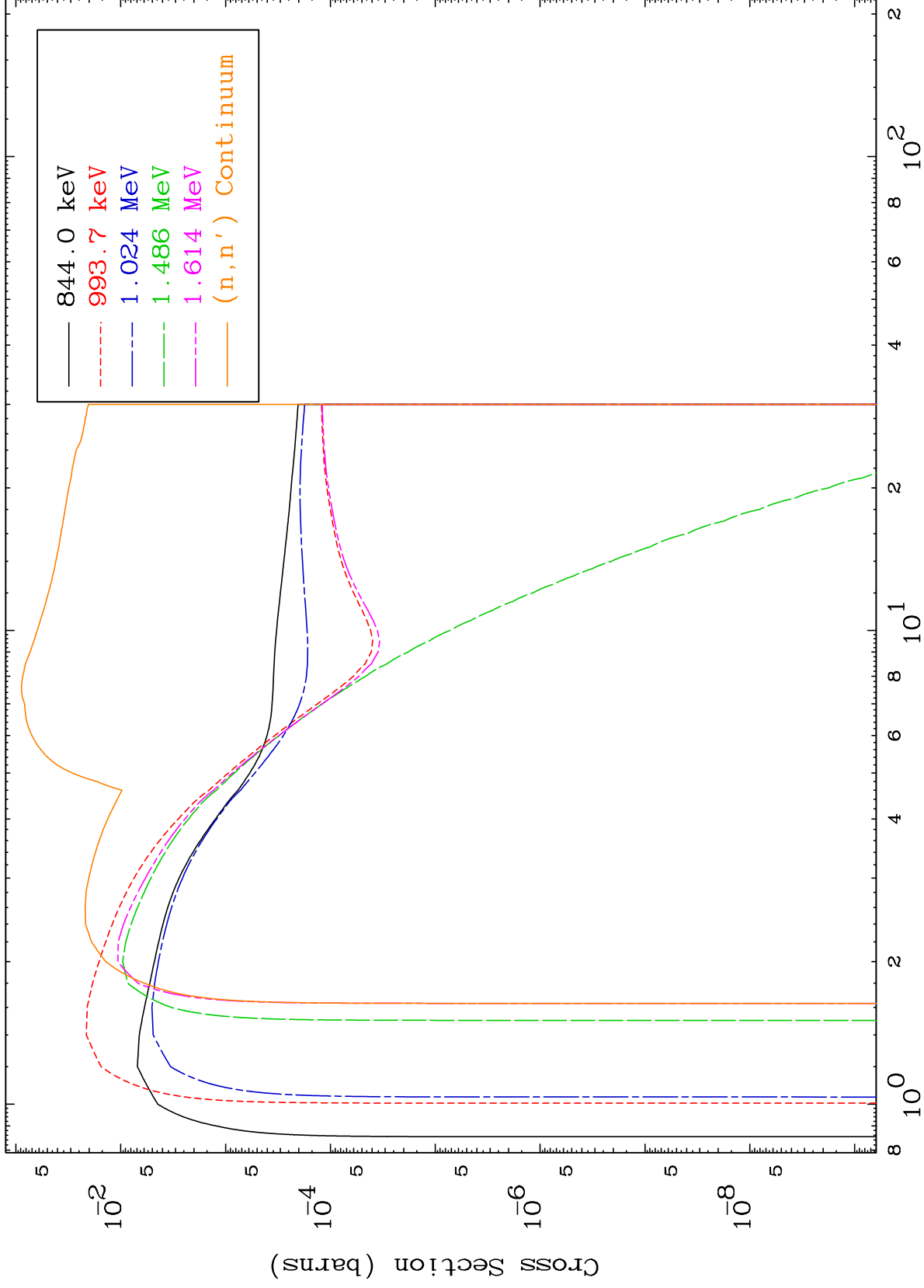
Incident Energy (MeV)

43-Tc-90

MAT 4298

(n,n') Level  
293 Kelvin Cross Sections

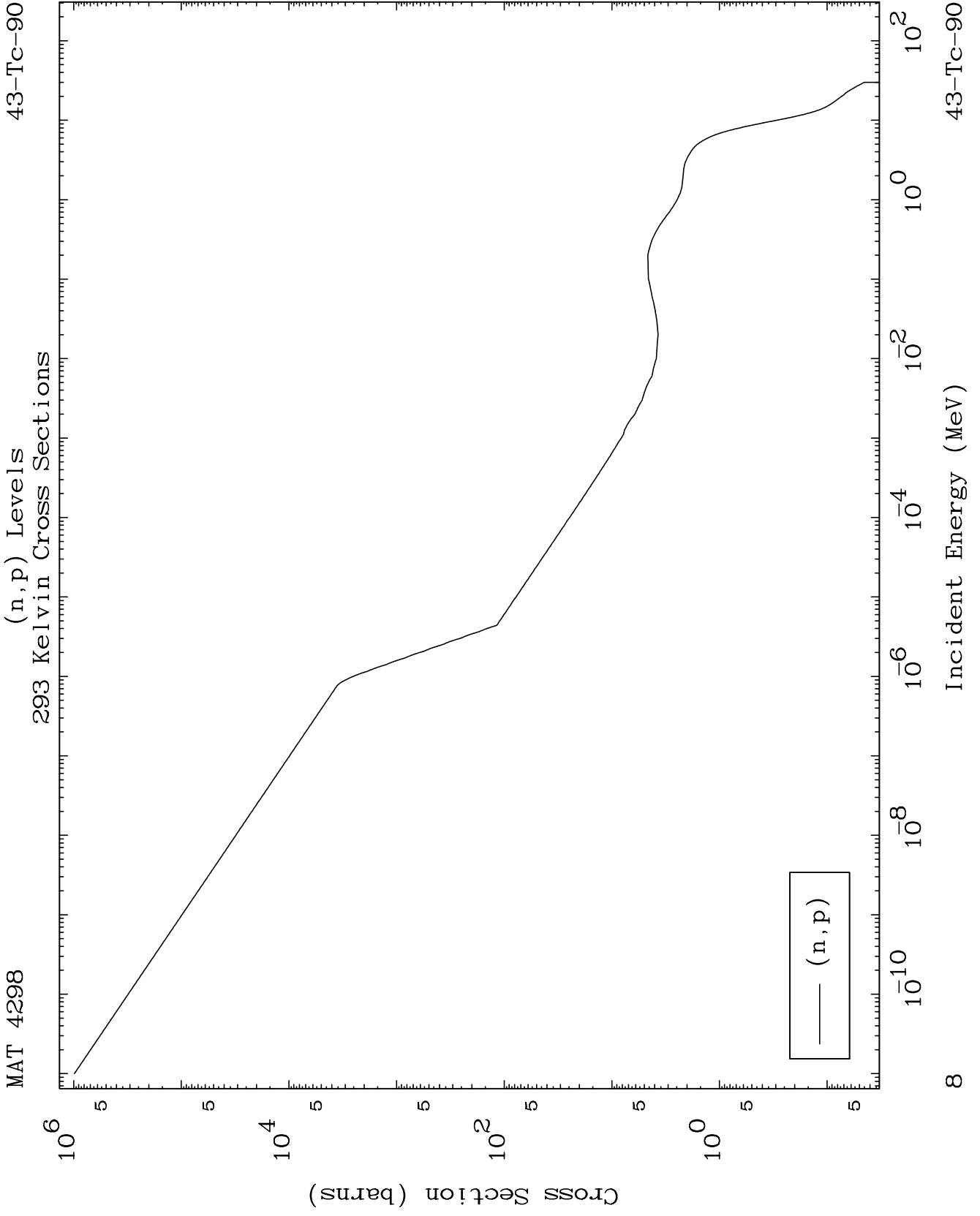
43-Tc-90



Incident Energy (MeV)

43-Tc-90

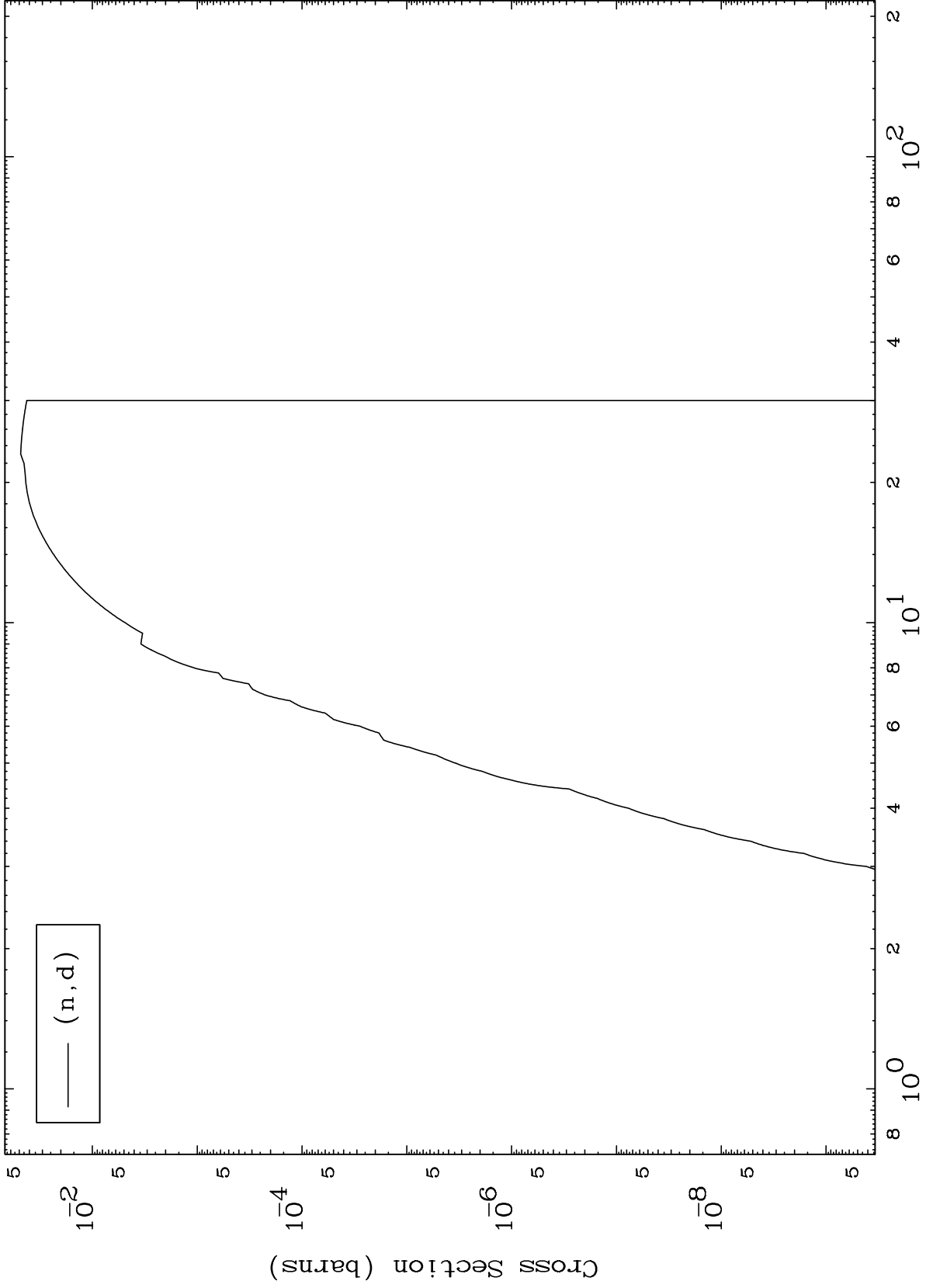




MAT 4298

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-90



9

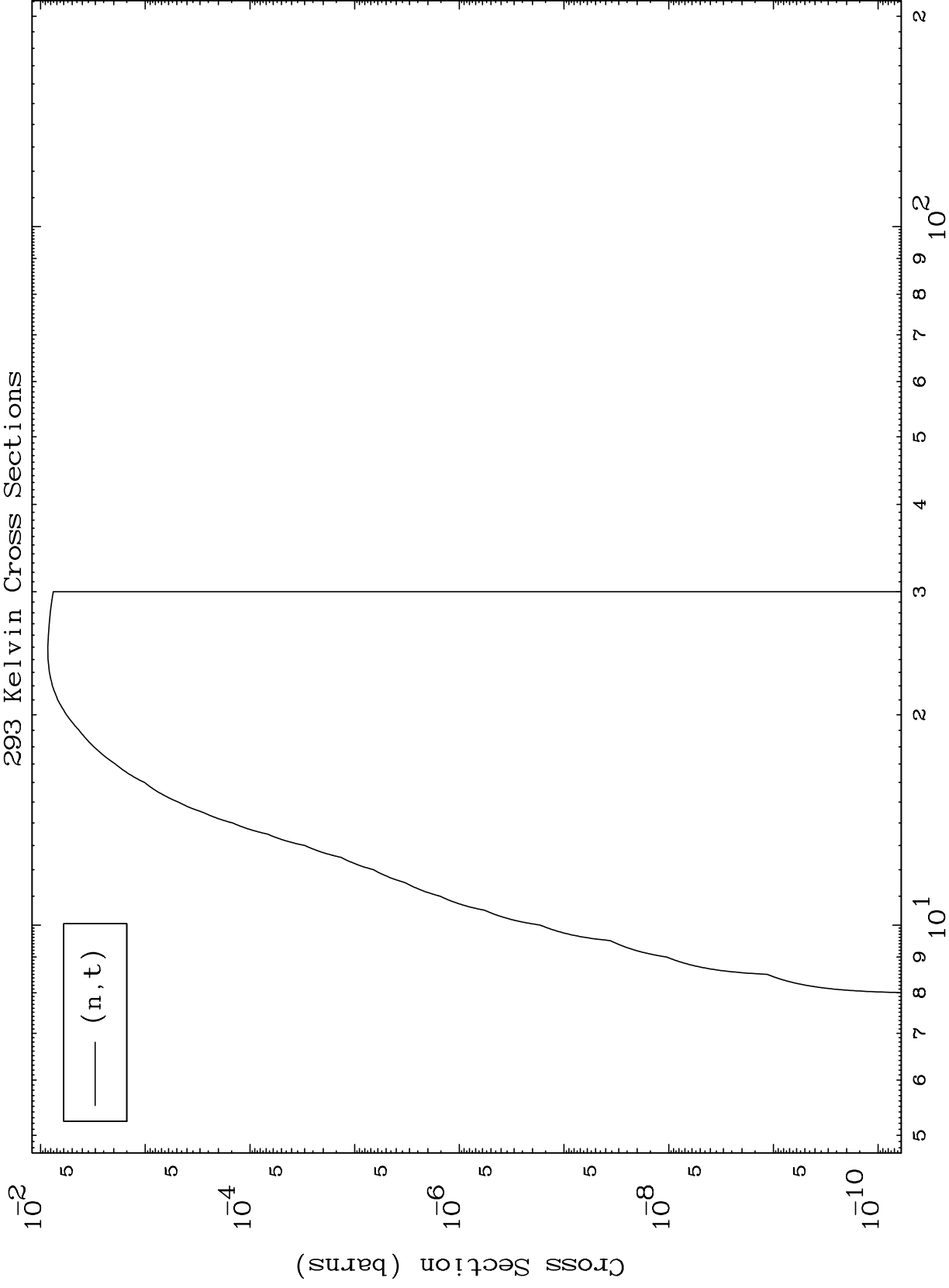
Incident Energy (MeV)

43-Tc-90

MAT 4298

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-90



10

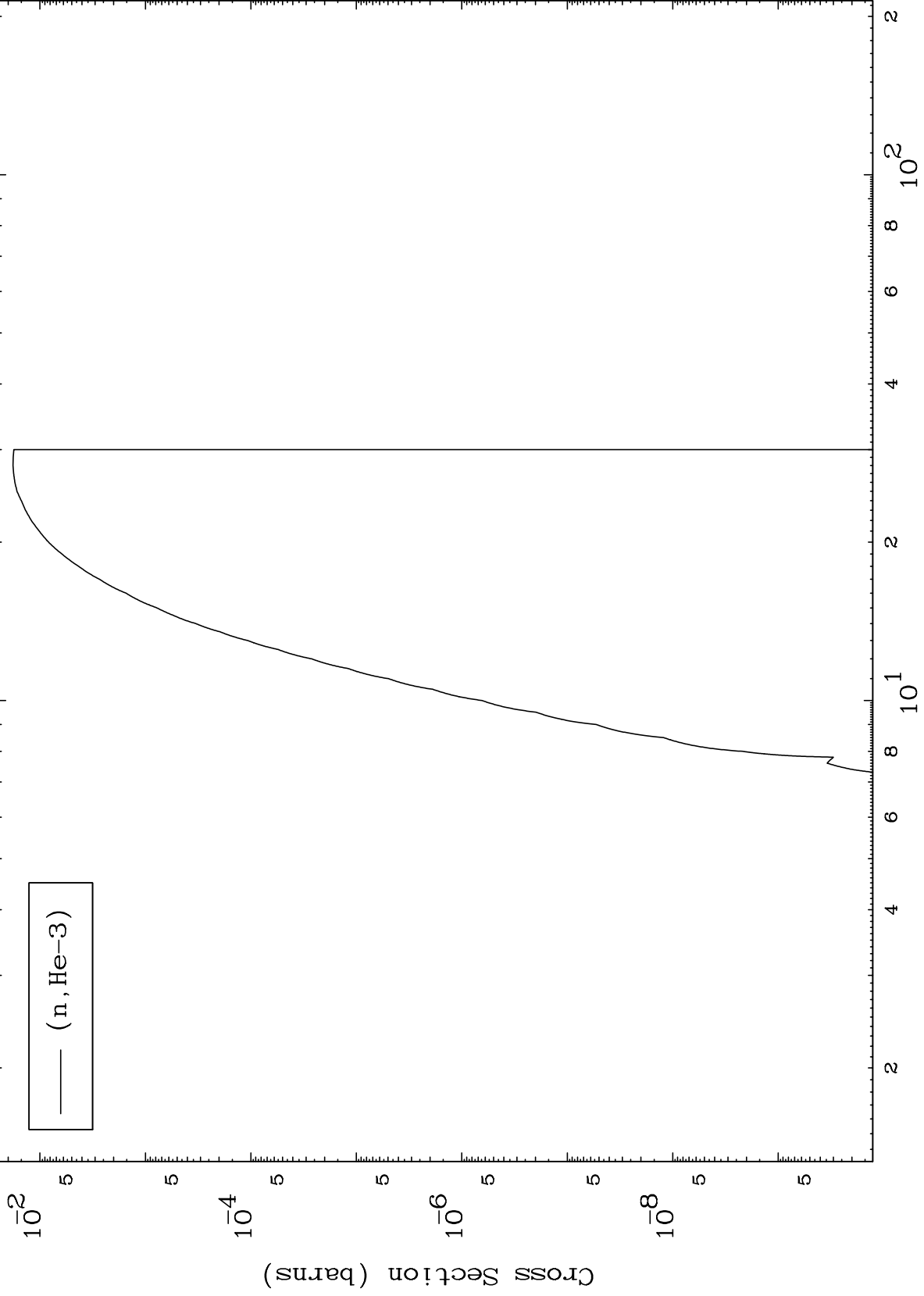
Incident Energy (MeV)

43-Tc-90

MAT 4298

(n,He3) Levels  
293 Kelvin Cross Sections

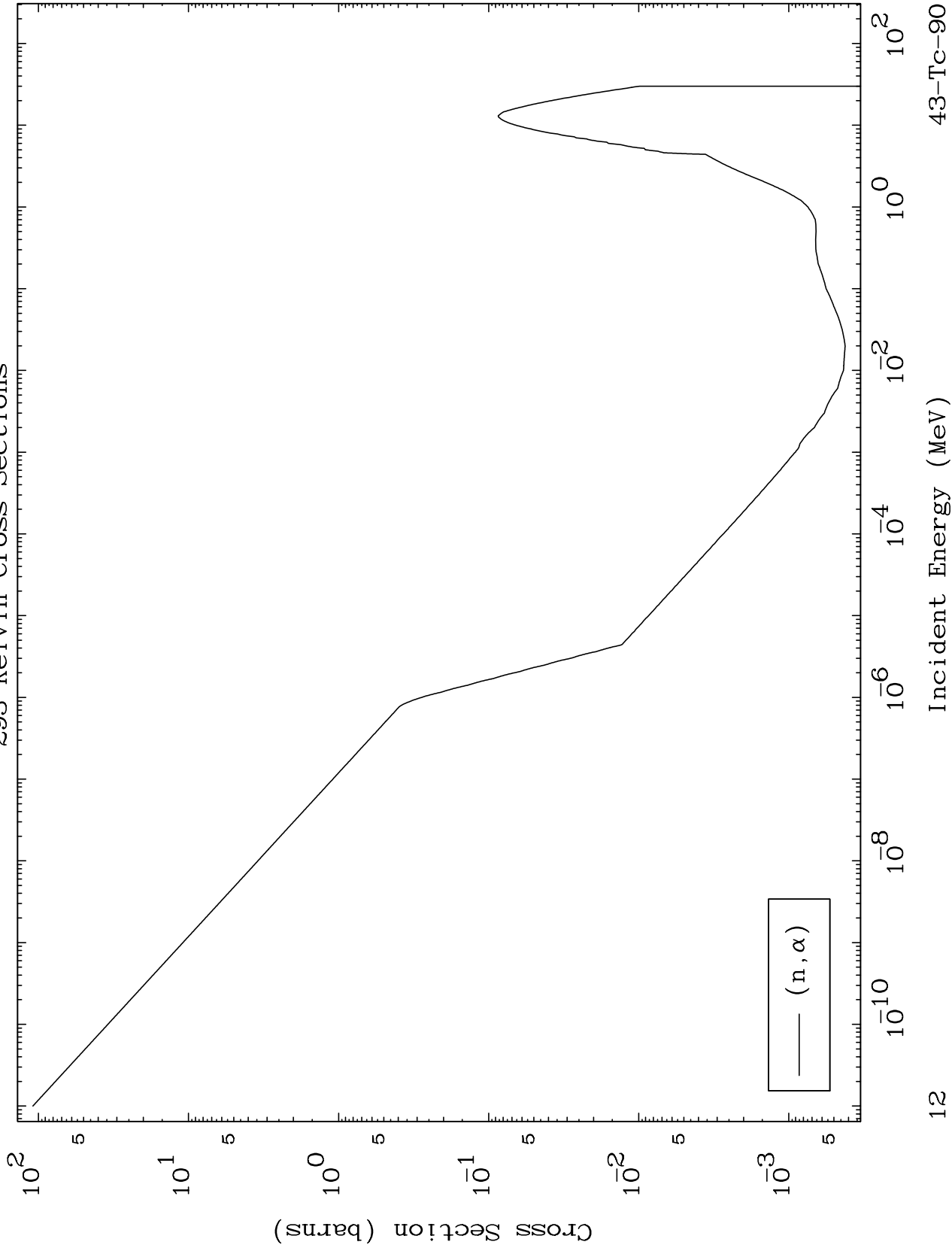
43-Tc-90

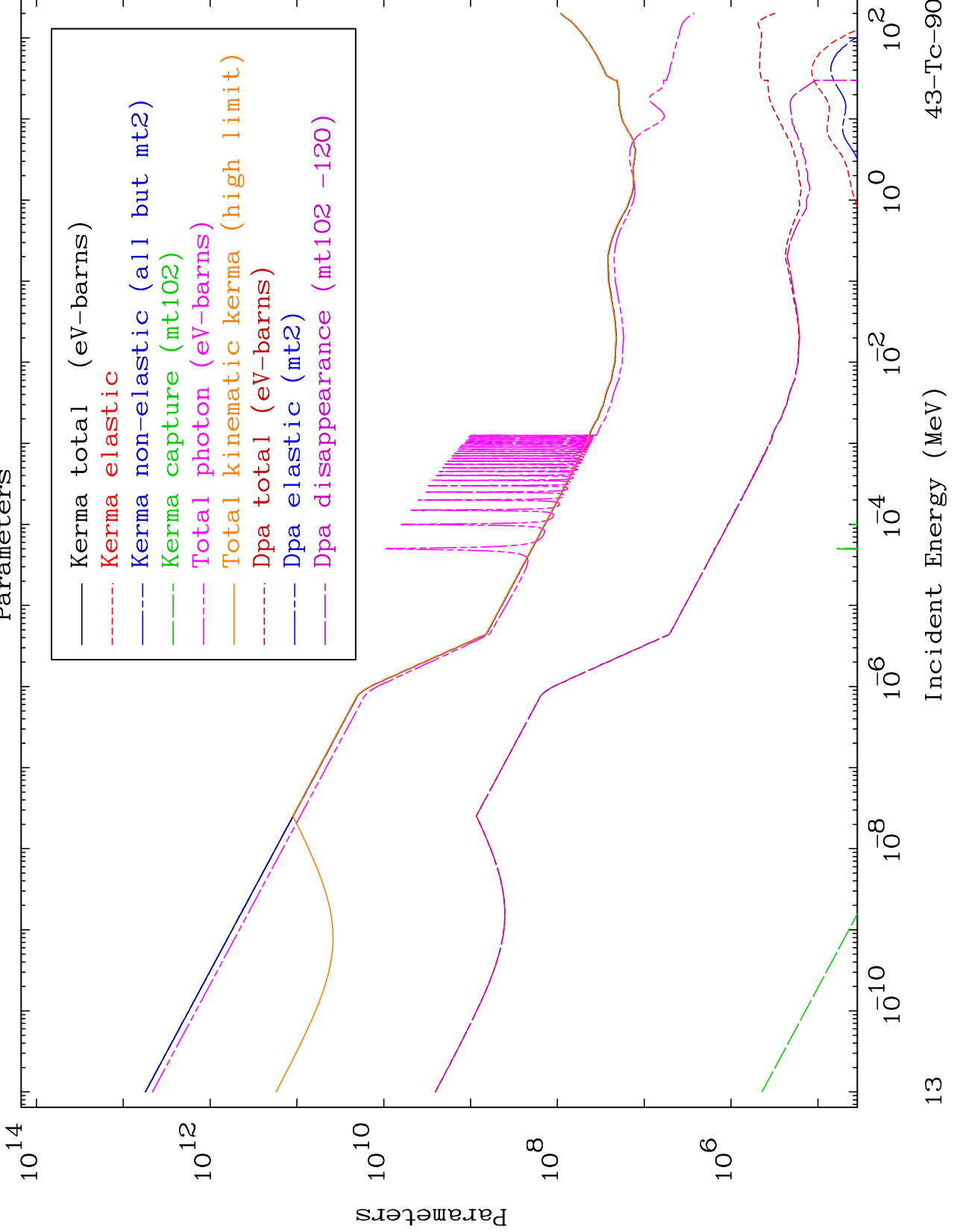


MAT 4298

(n,α) Levels  
293 Kelvin Cross Sections

43-Tc-90

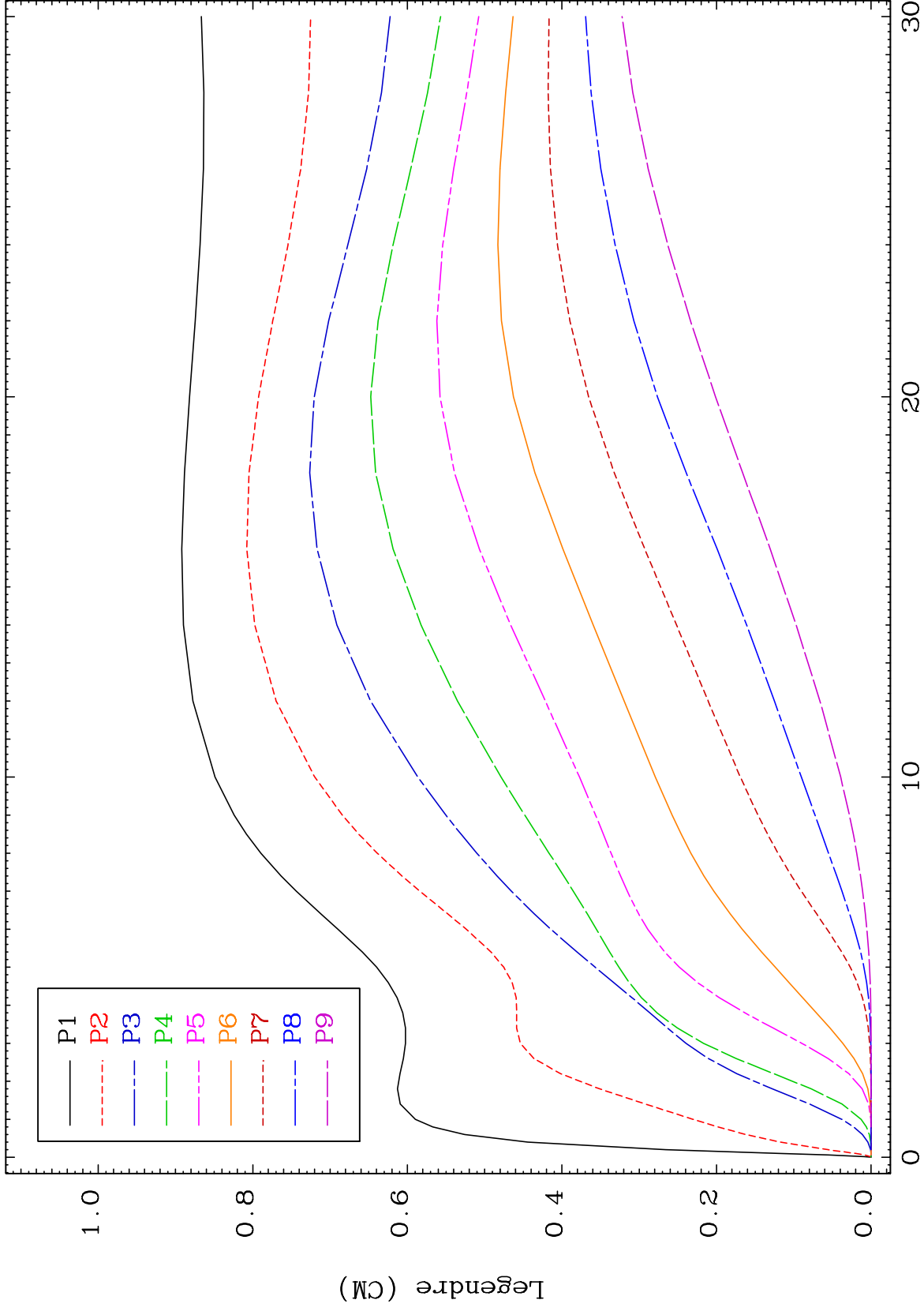




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Elastic Legendre Coefficients

43-Tc-90



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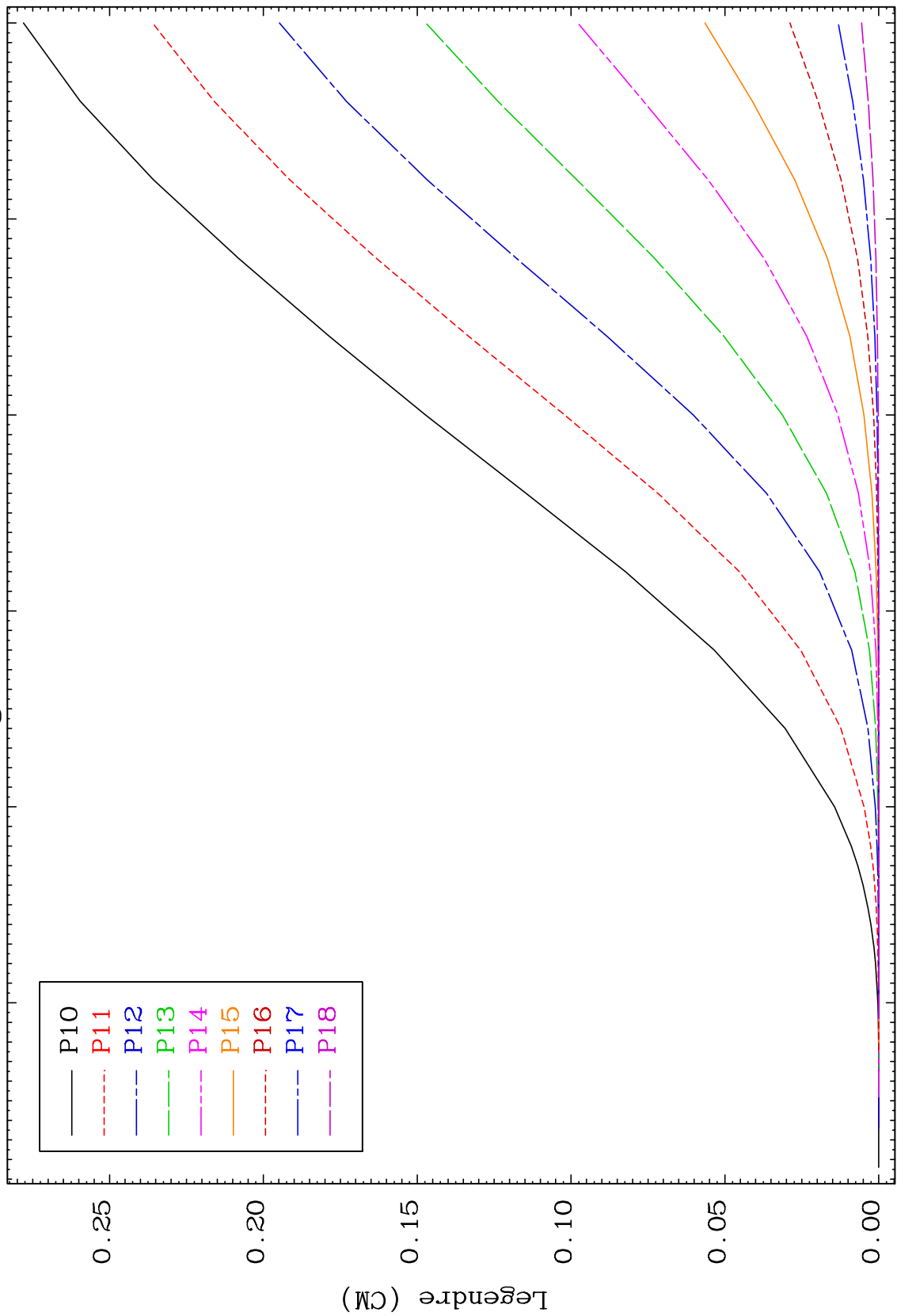
Incident Energy (MeV)

43-Tc-90

MAT 4298

Elastic Legendre Coefficients

43-Tc-90



43-Tc-90

Incident Energy (MeV)

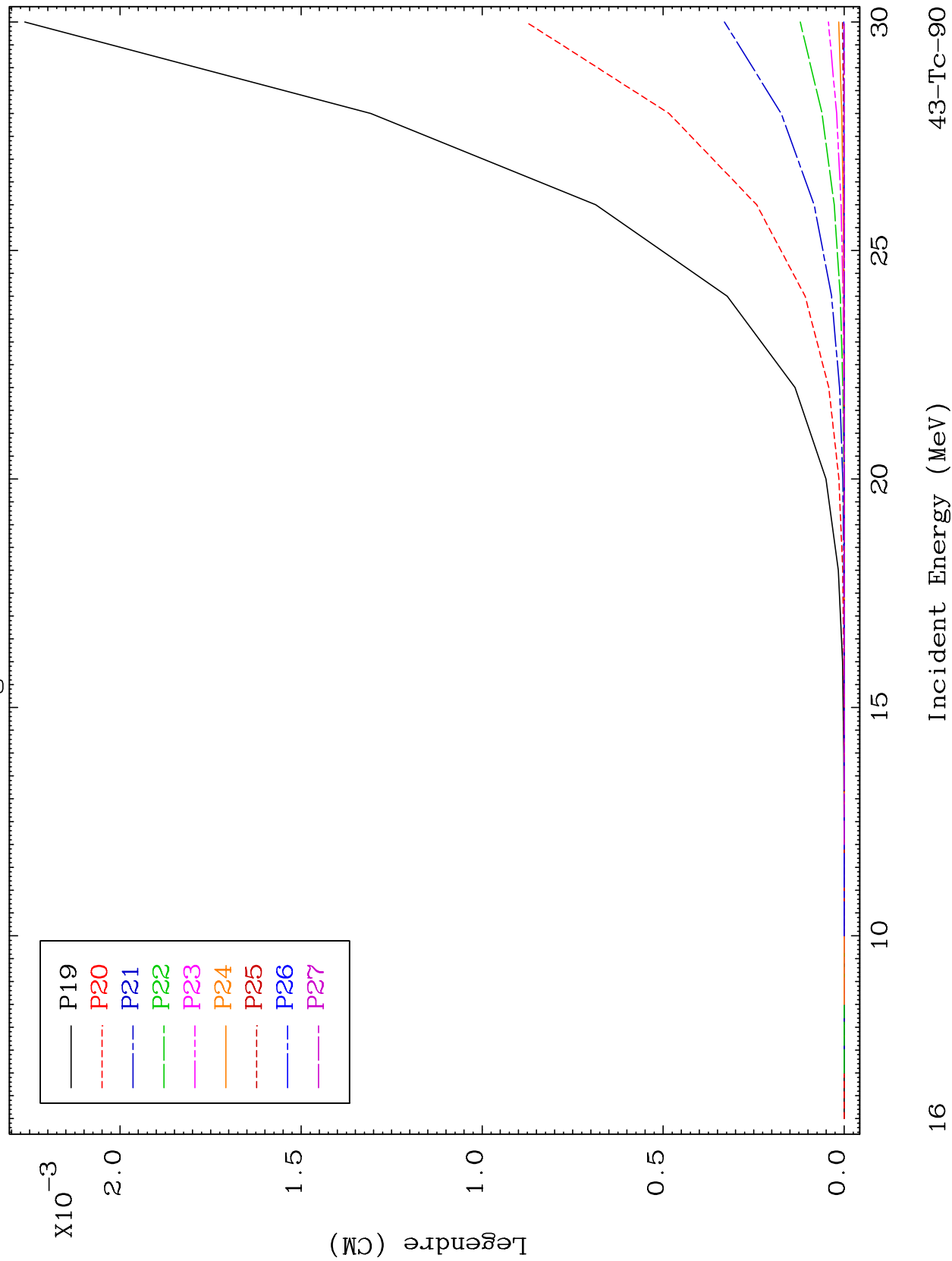
15



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Elastic Legendre Coefficients

43-Tc-90

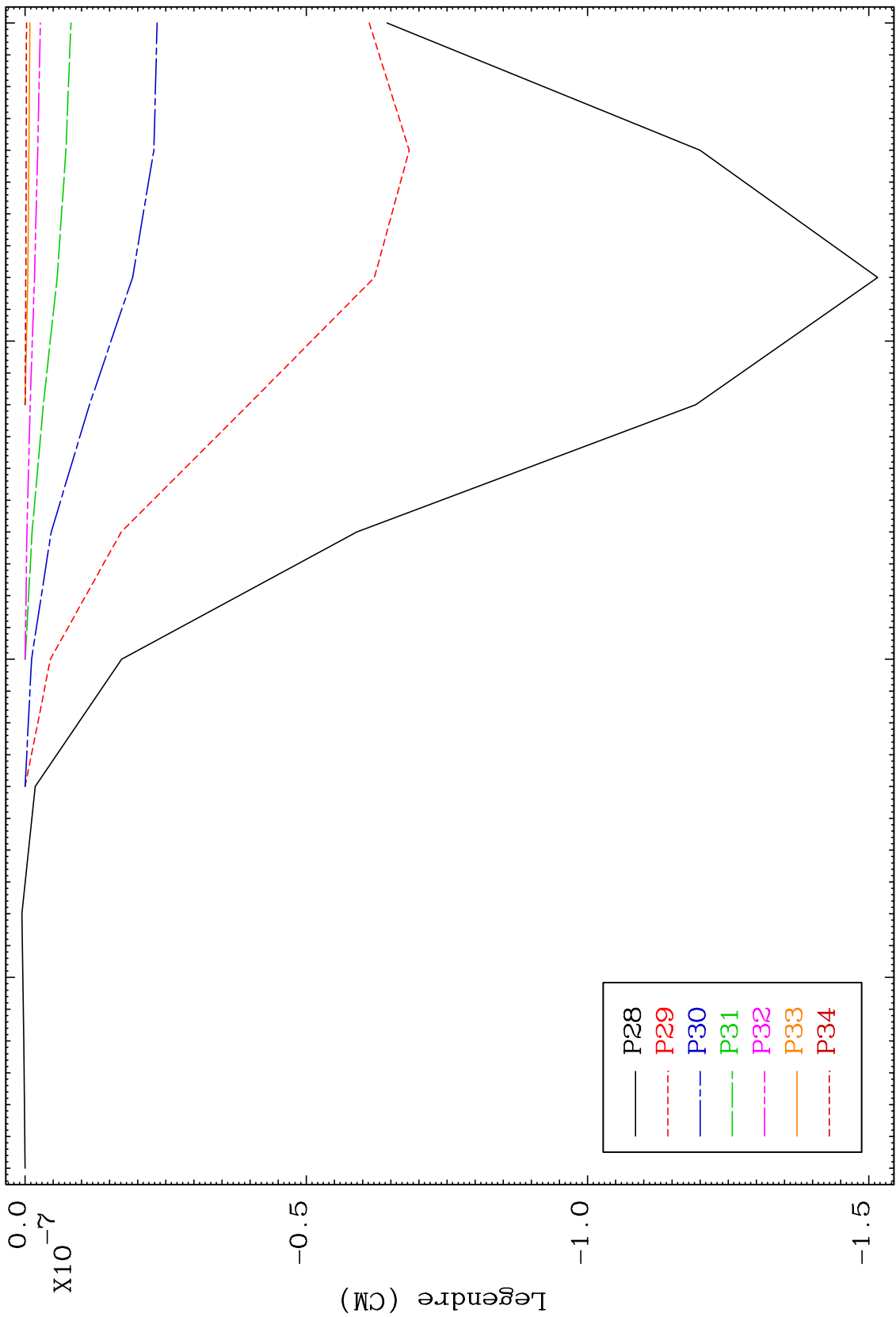


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

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43-Tc-90

Elastic Legendre Coefficients



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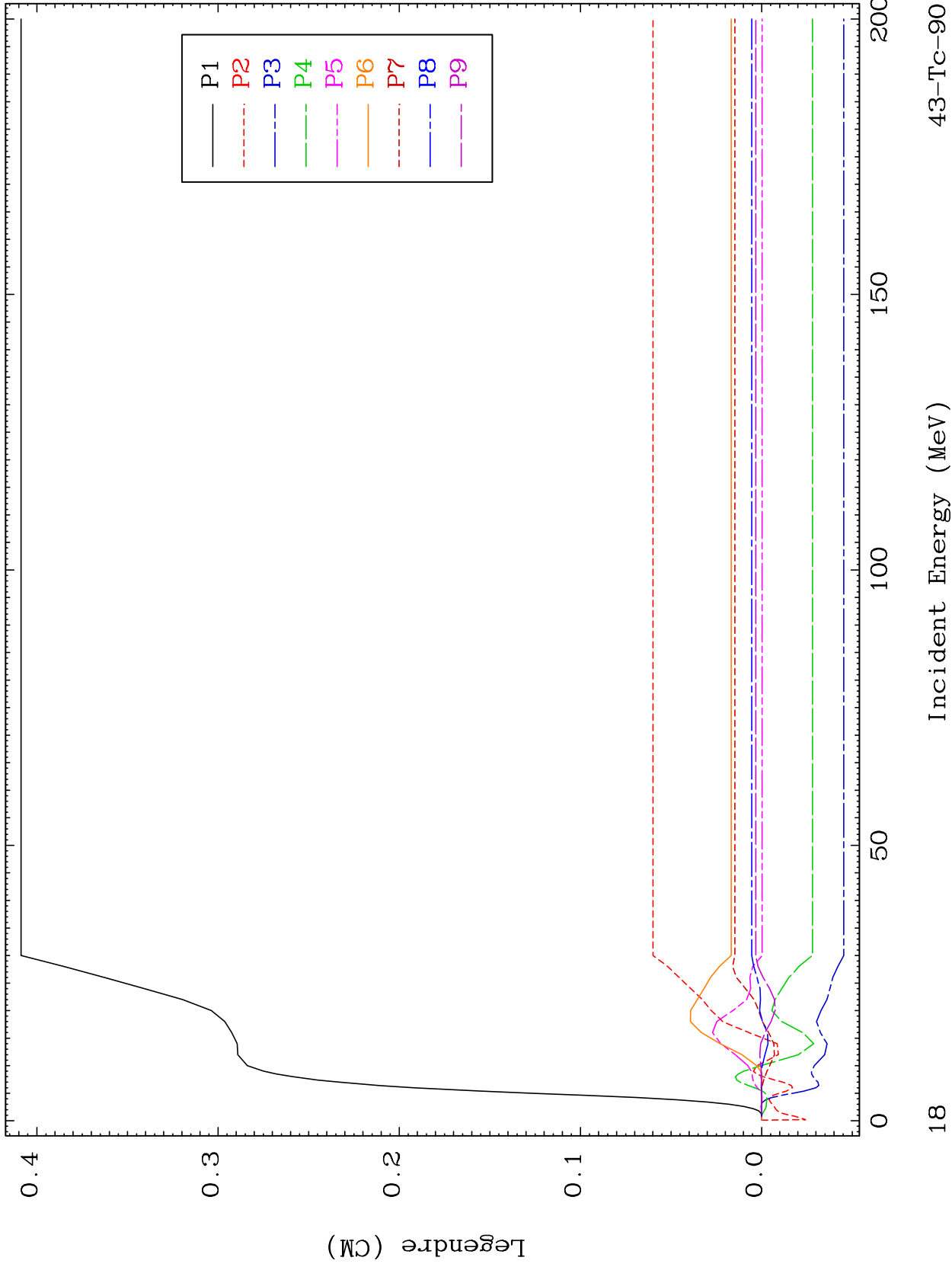
Incident Energy (MeV)

43-Tc-90

MAT 4298

103.7 keV (n,n') Level  
Legendre Coefficients

43-Tc-90



43-Tc-90

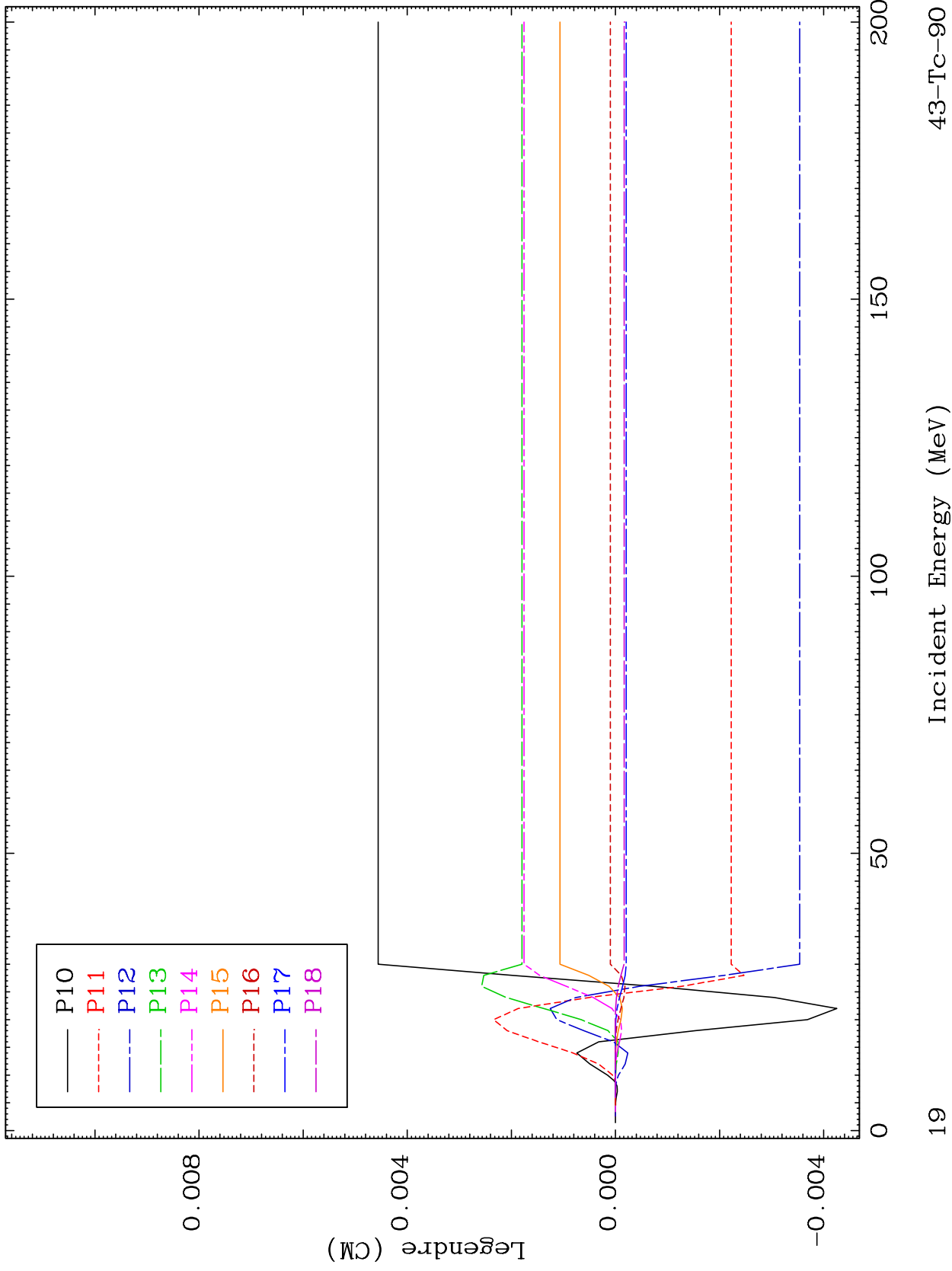
Incident Energy (MeV)

18

MAT 4298

103.7 keV (n,n') Level  
Legendre Coefficients

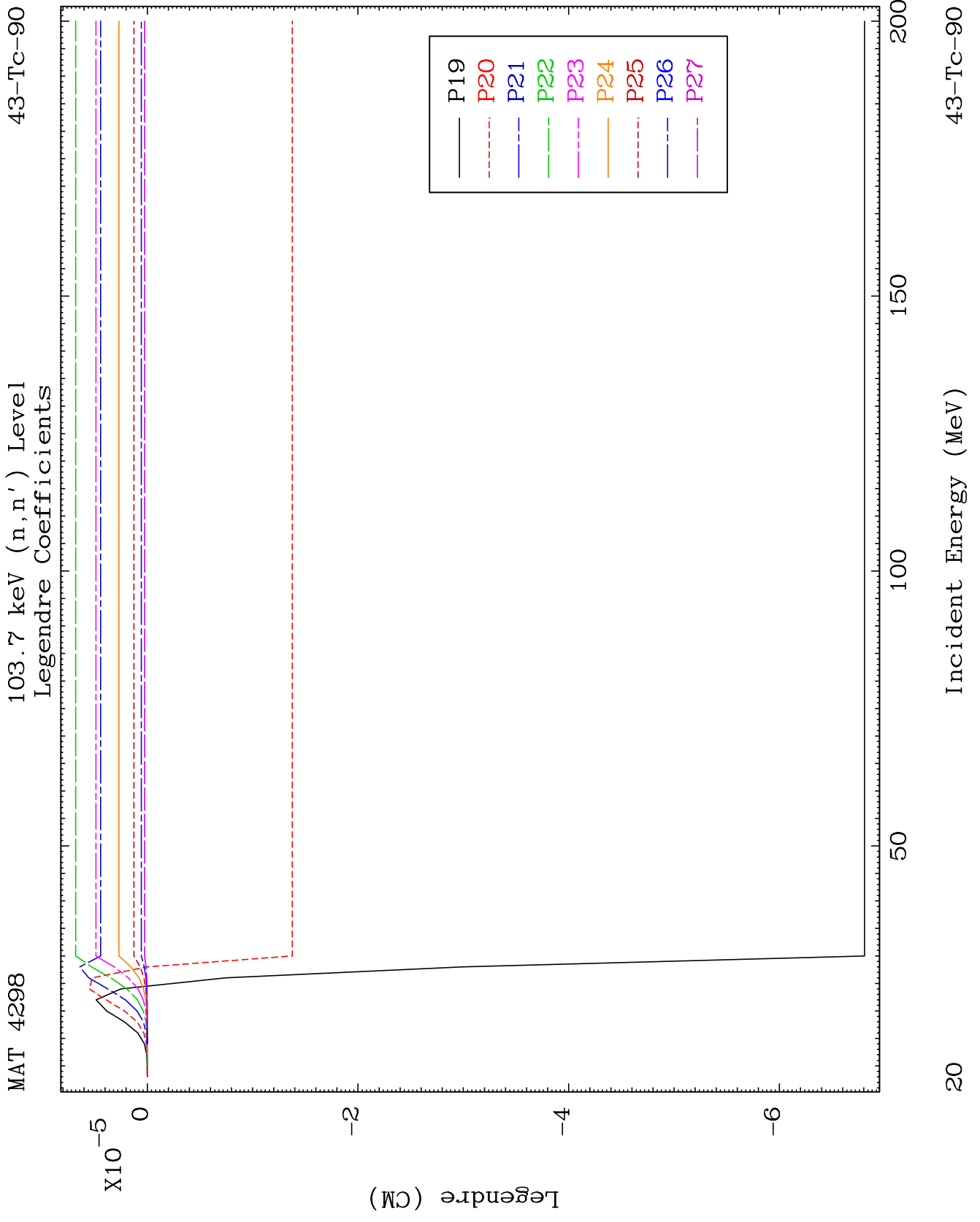
43-Tc-90



19

Incident Energy (MeV)

43-Tc-90

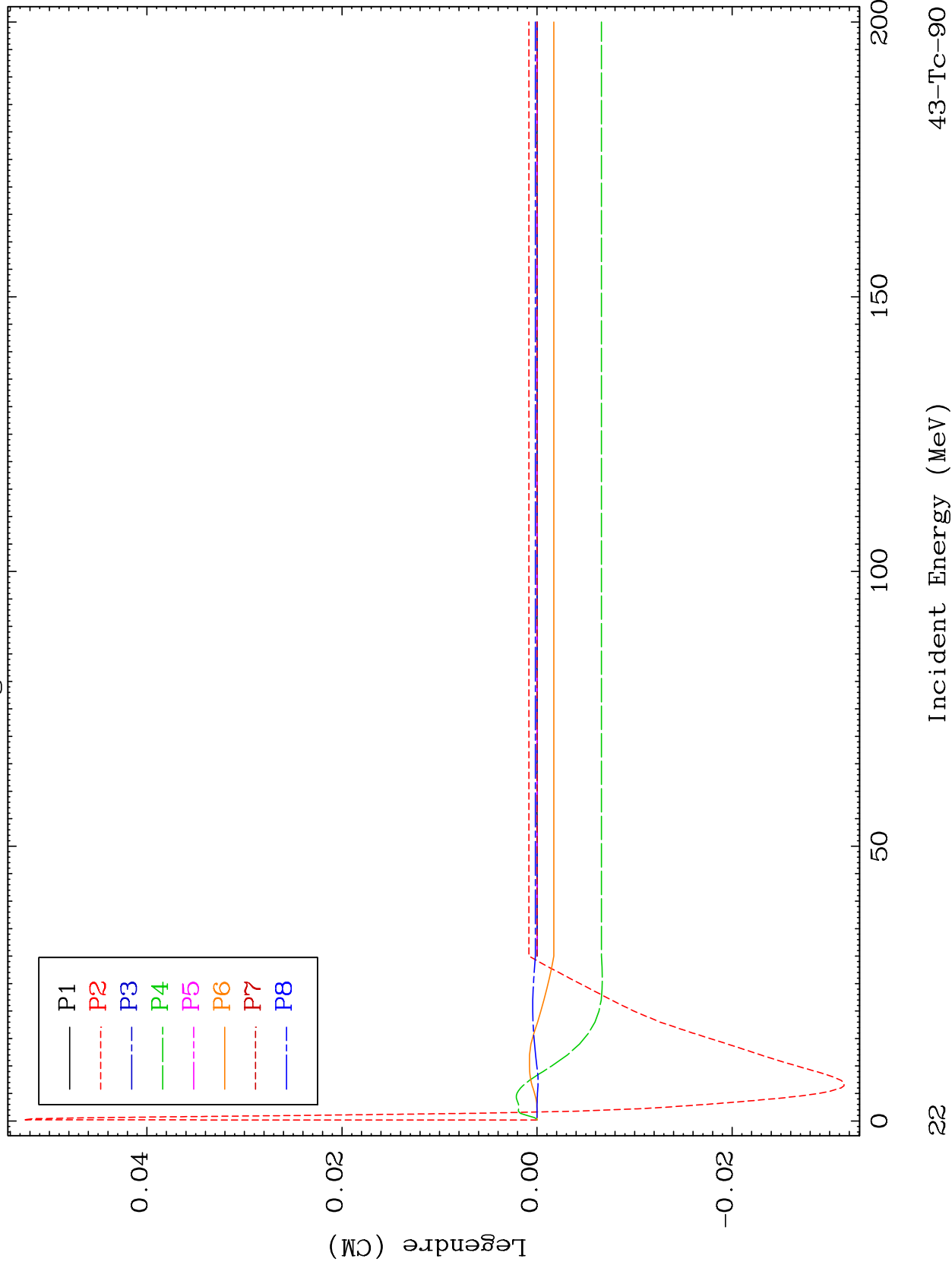




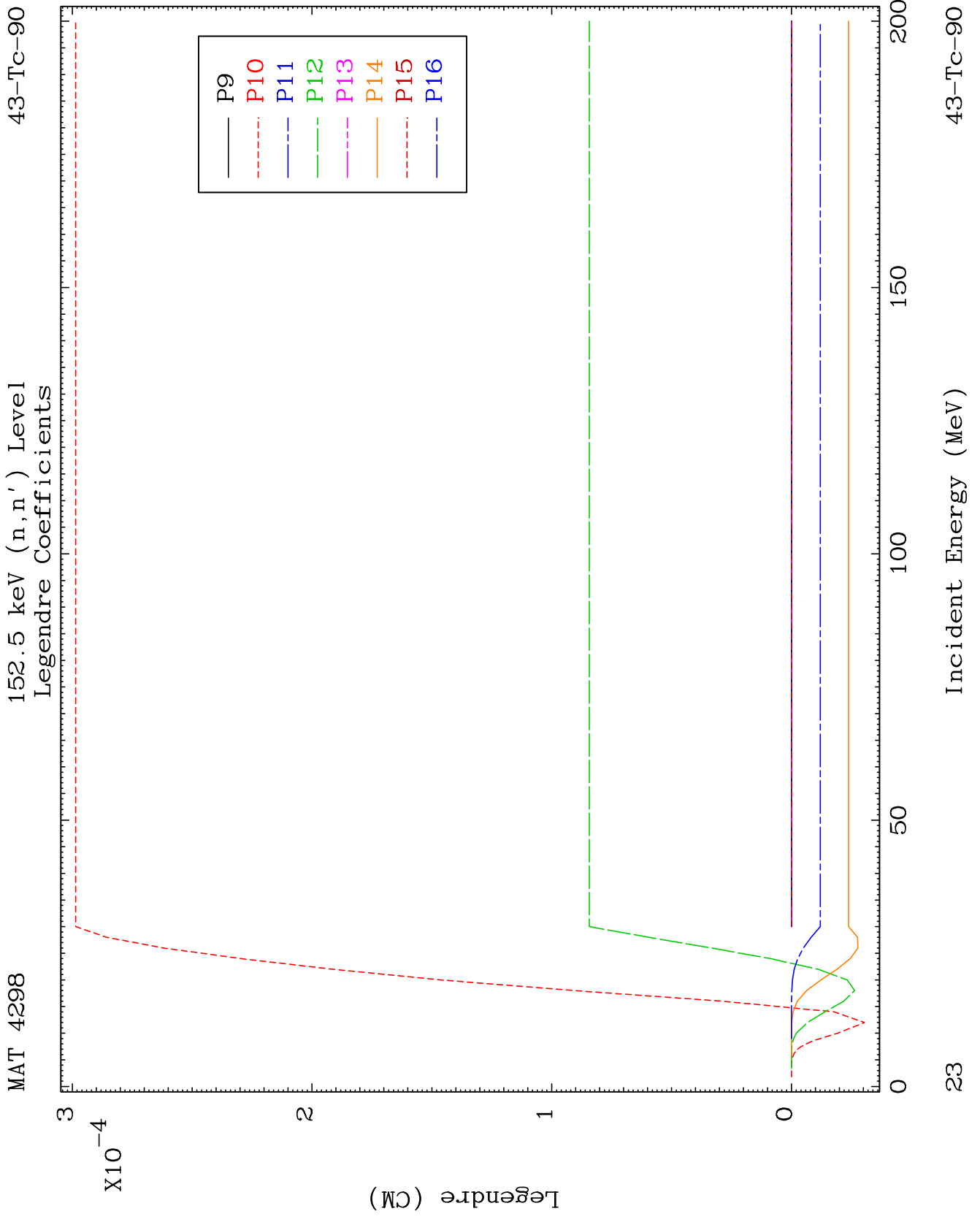
MAT 4298

152.5 keV (n,n') Level  
Legendre Coefficients

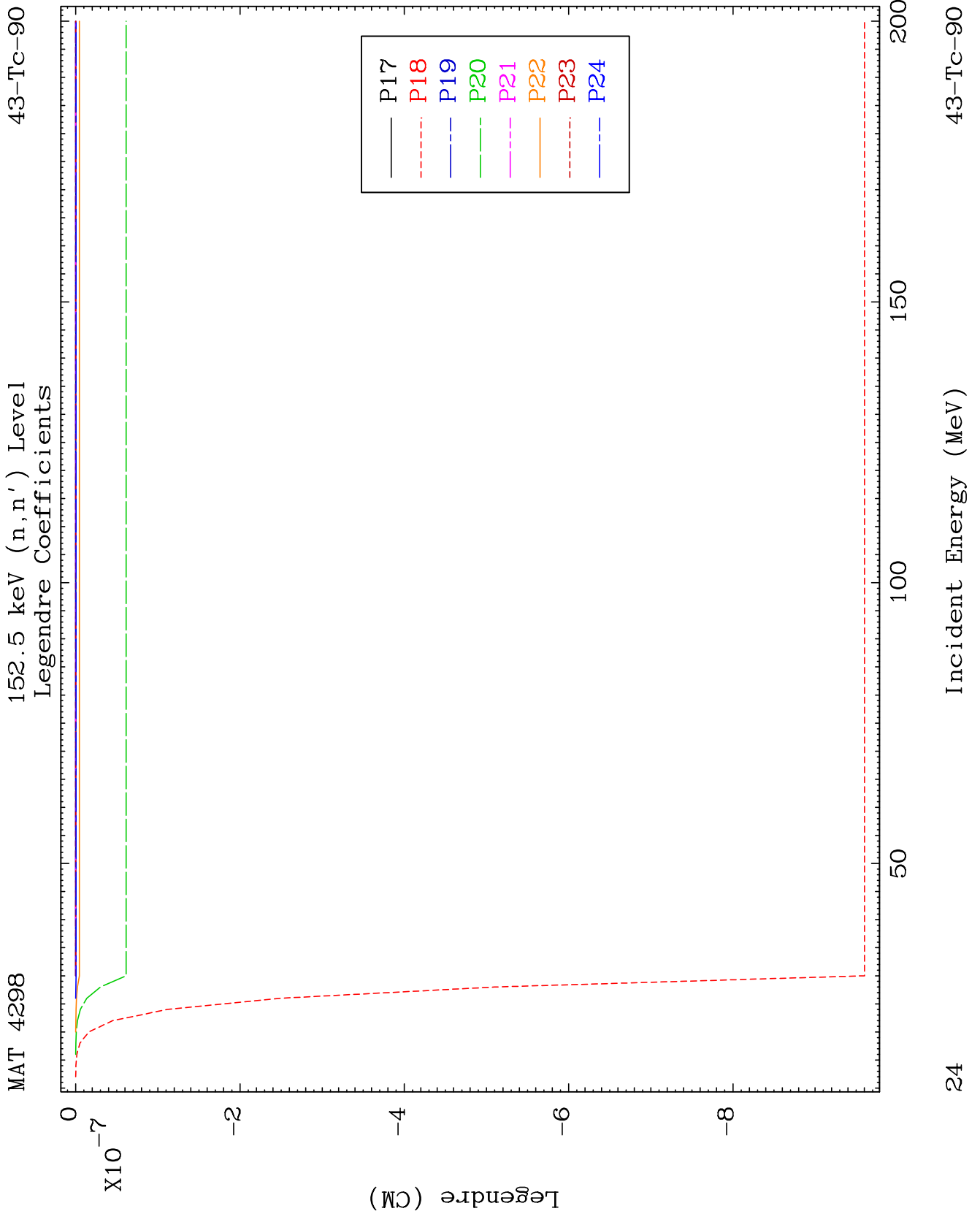
43-Tc-90



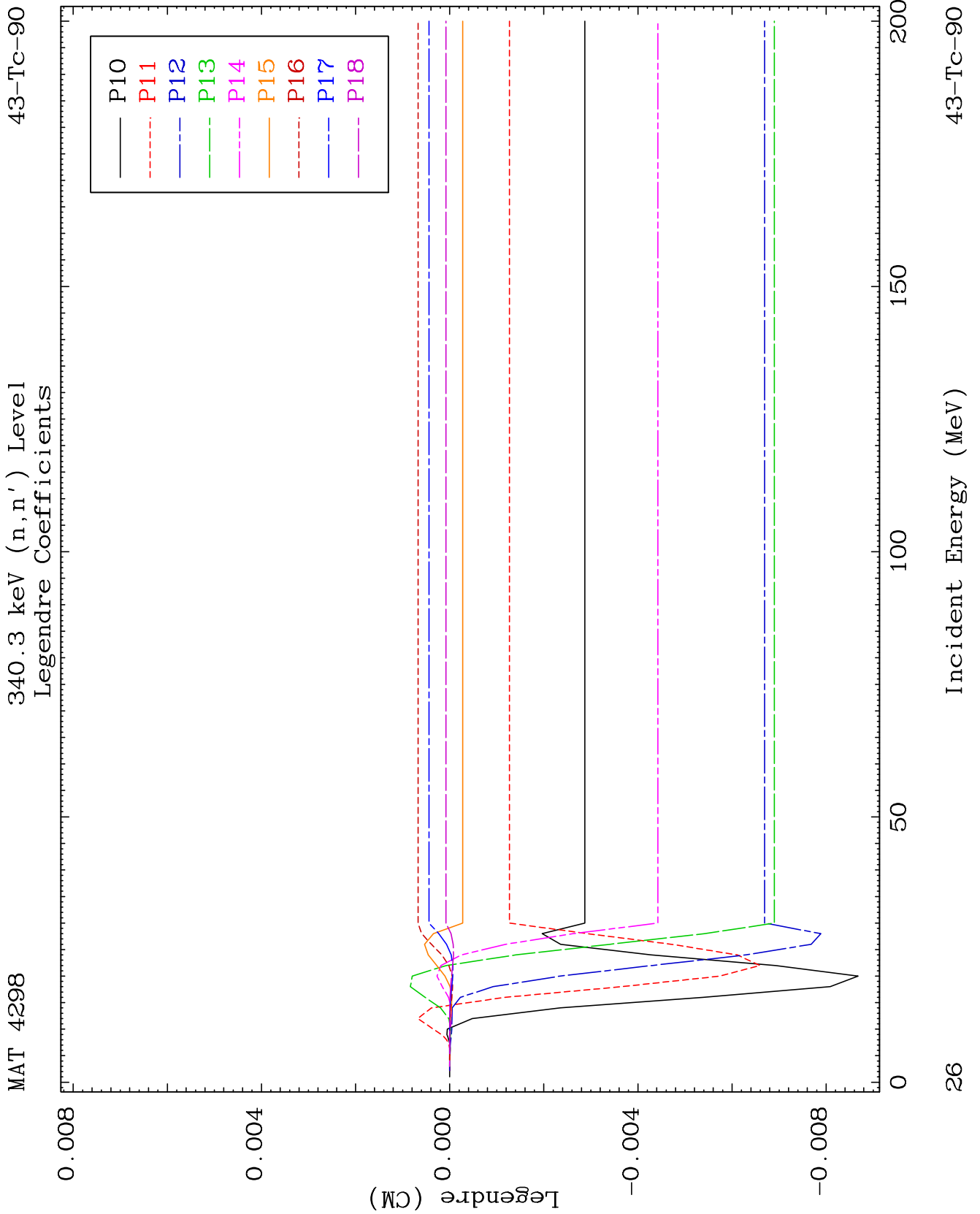
22

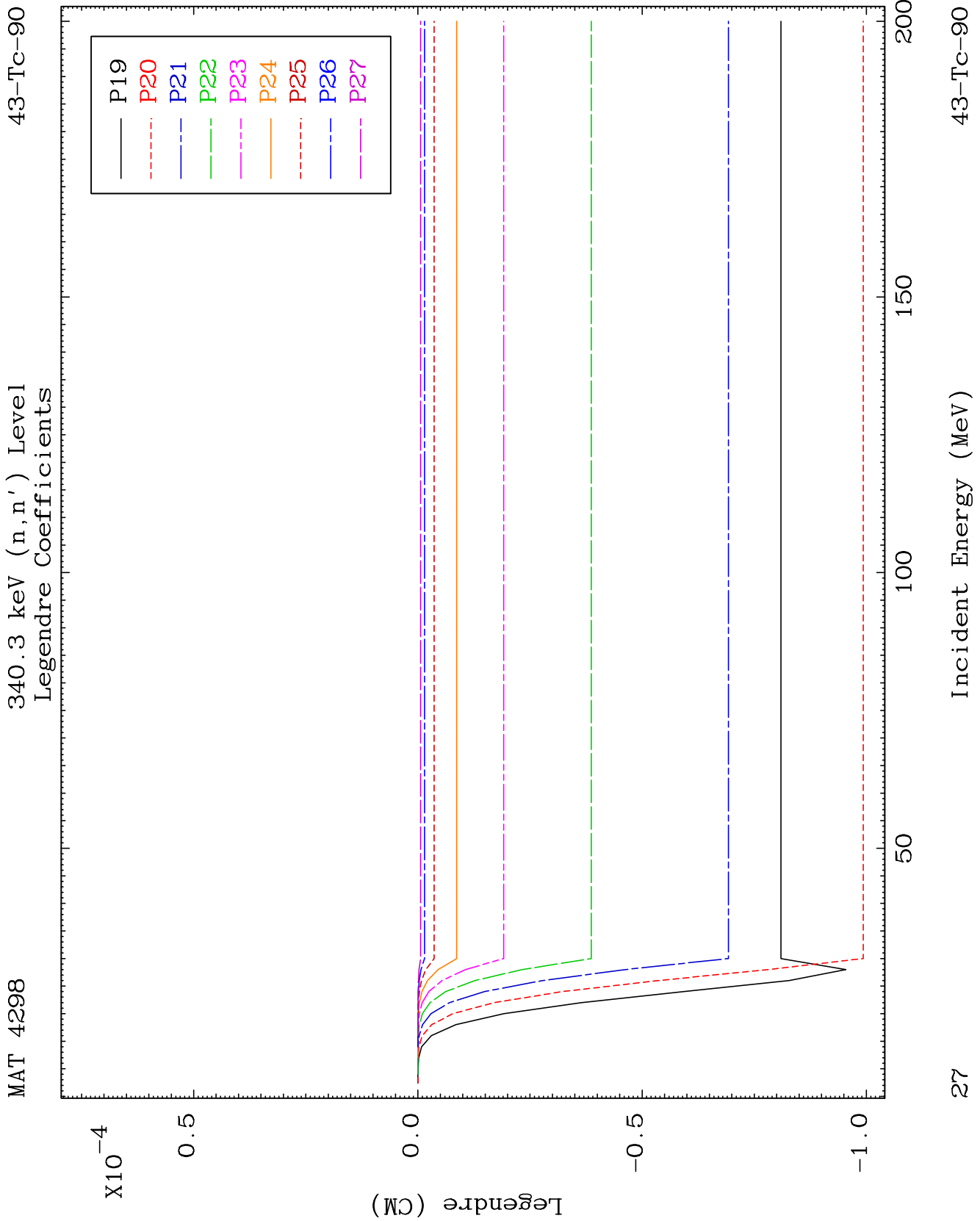


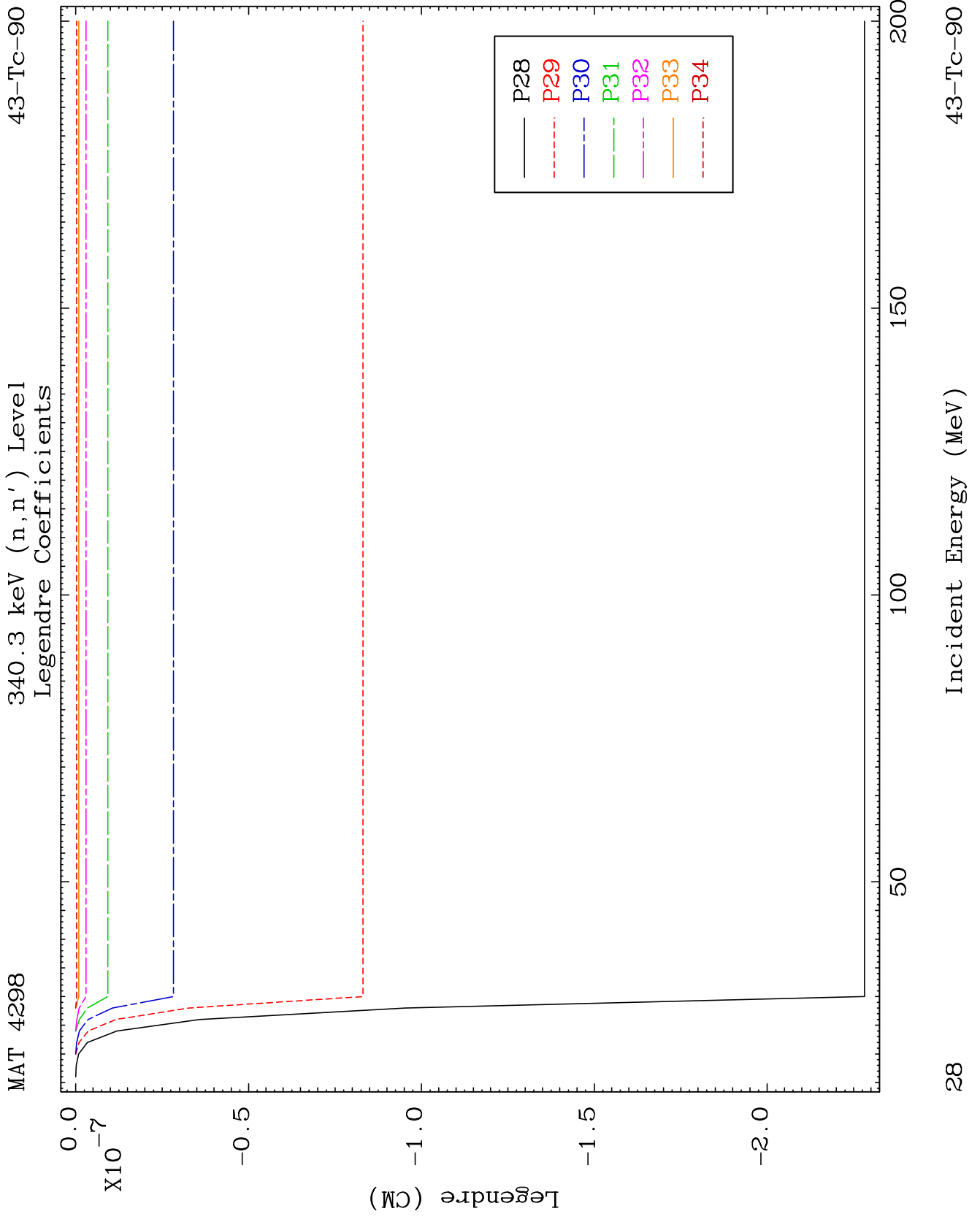








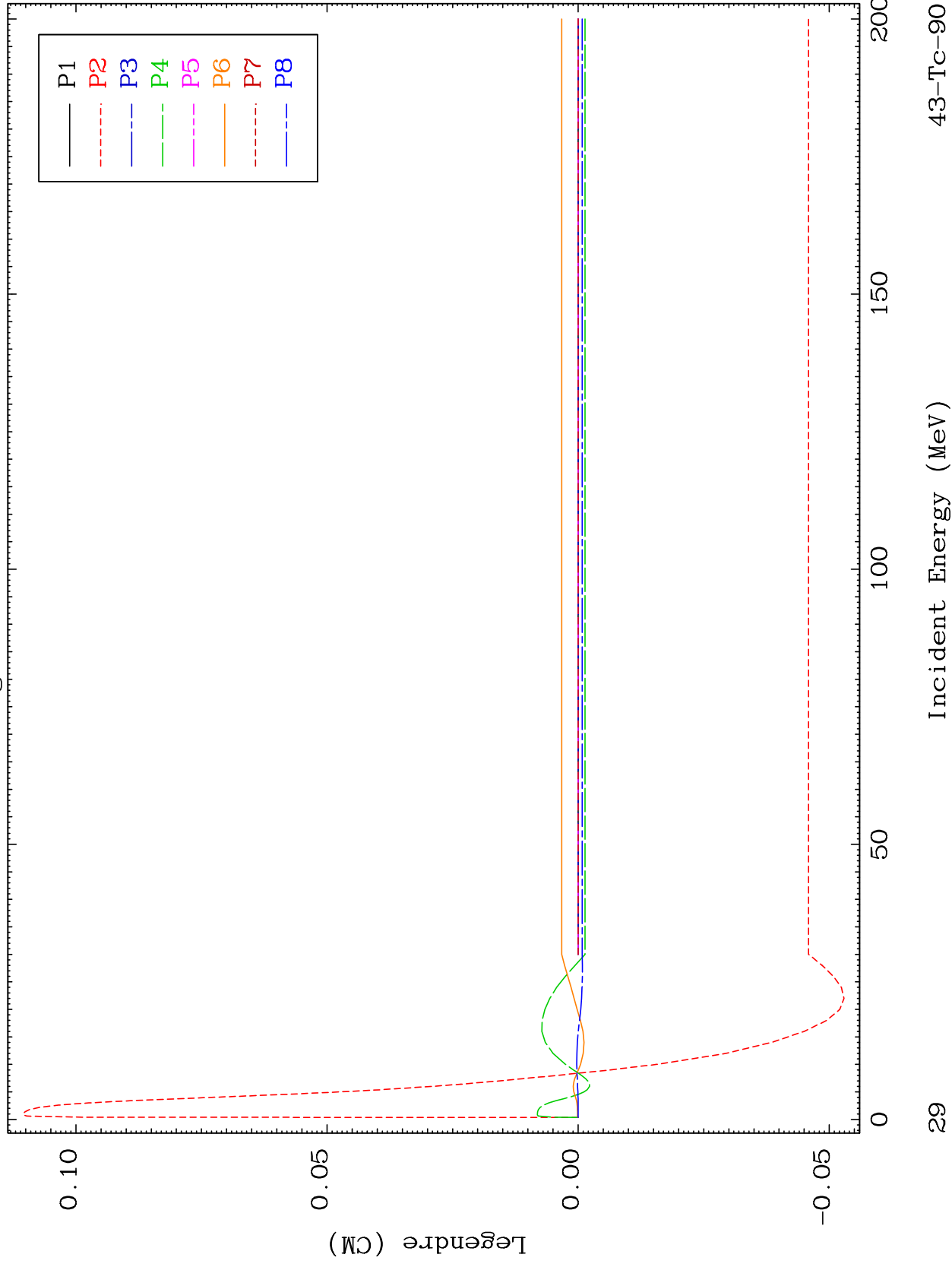




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344.0 keV (n,n') Level  
Legendre Coefficients

43-Tc-90

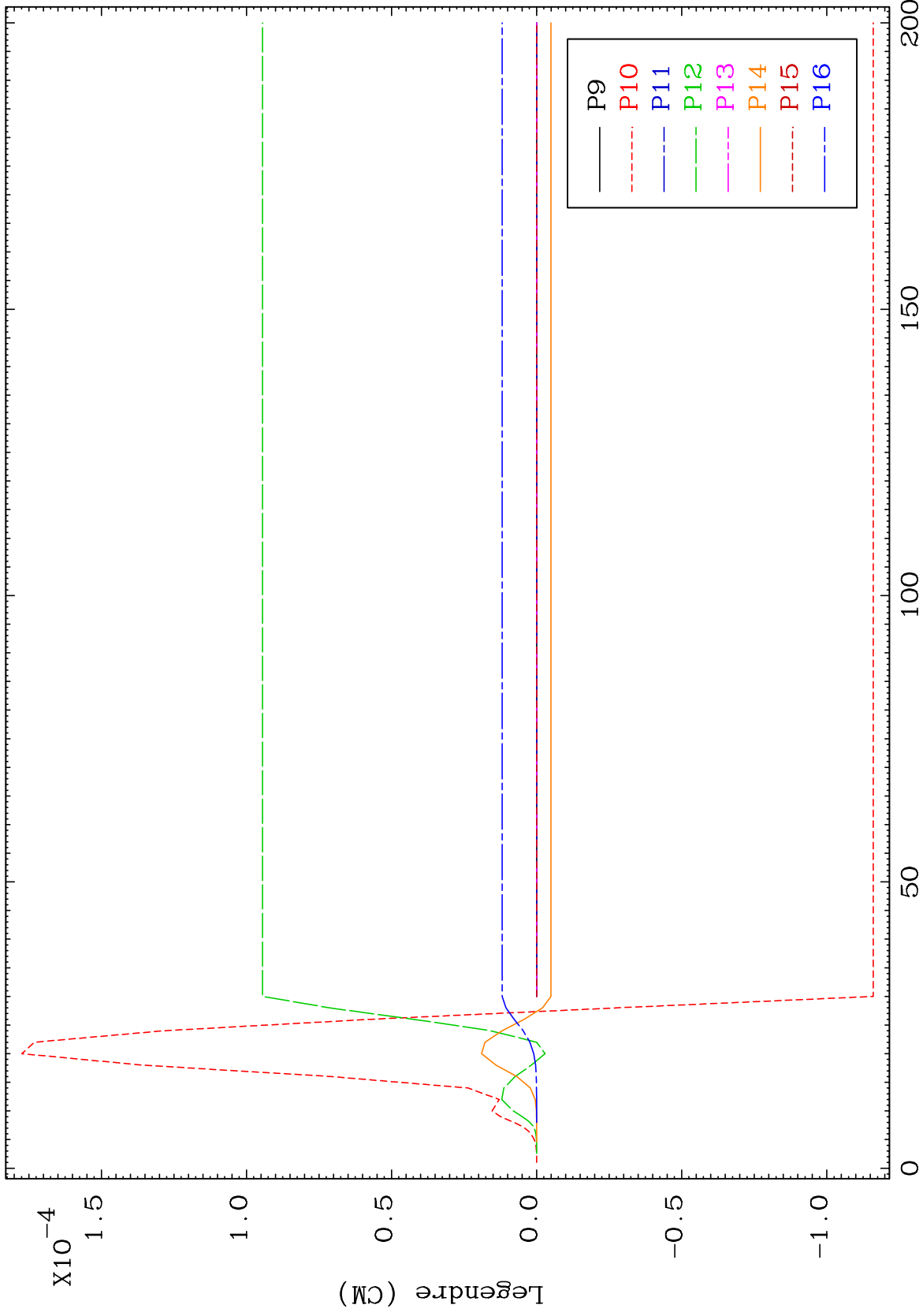


29

MAT 4298

344.0 keV (n,n') Level  
Legendre Coefficients

43-Tc-90



30

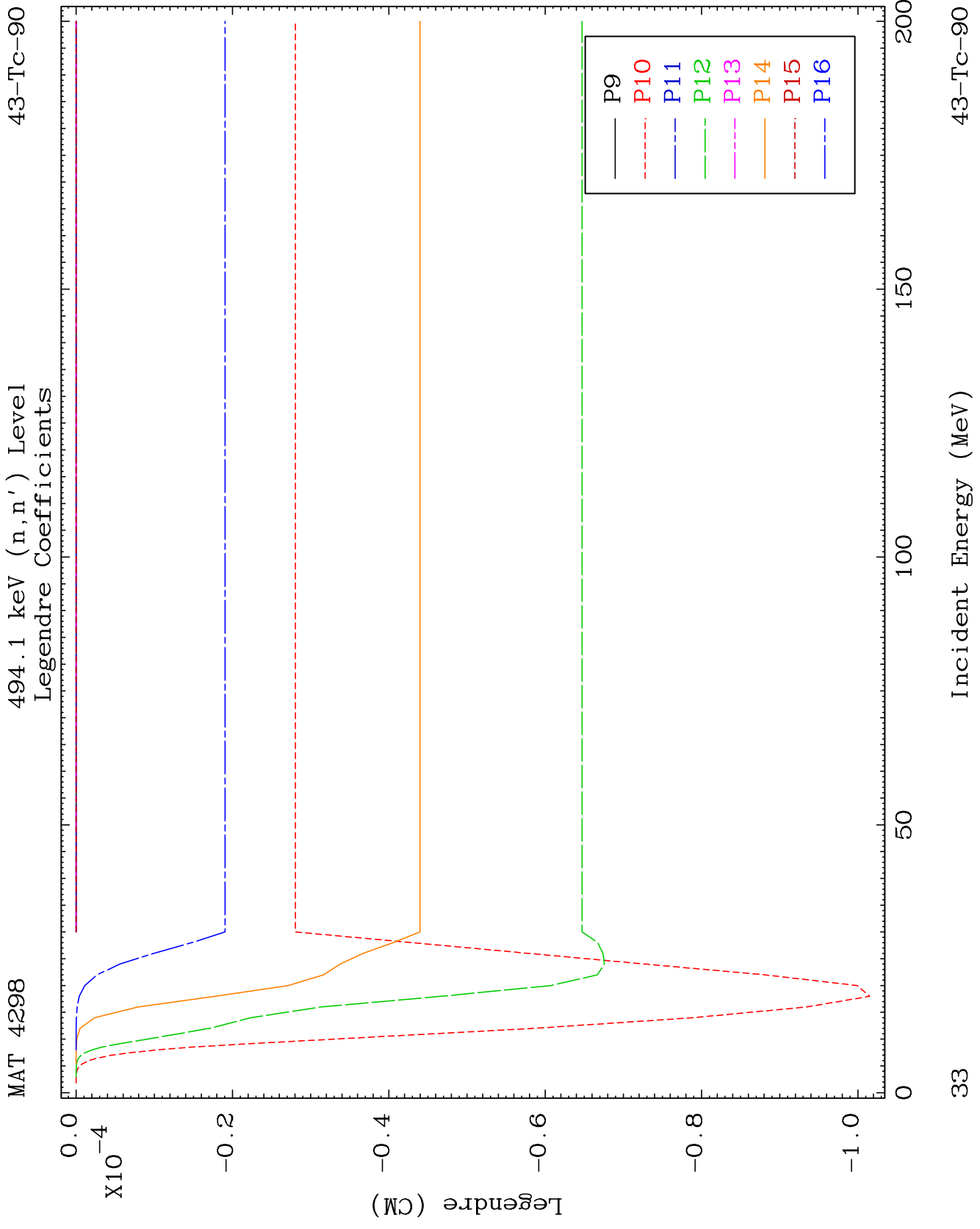
Incident Energy (MeV)

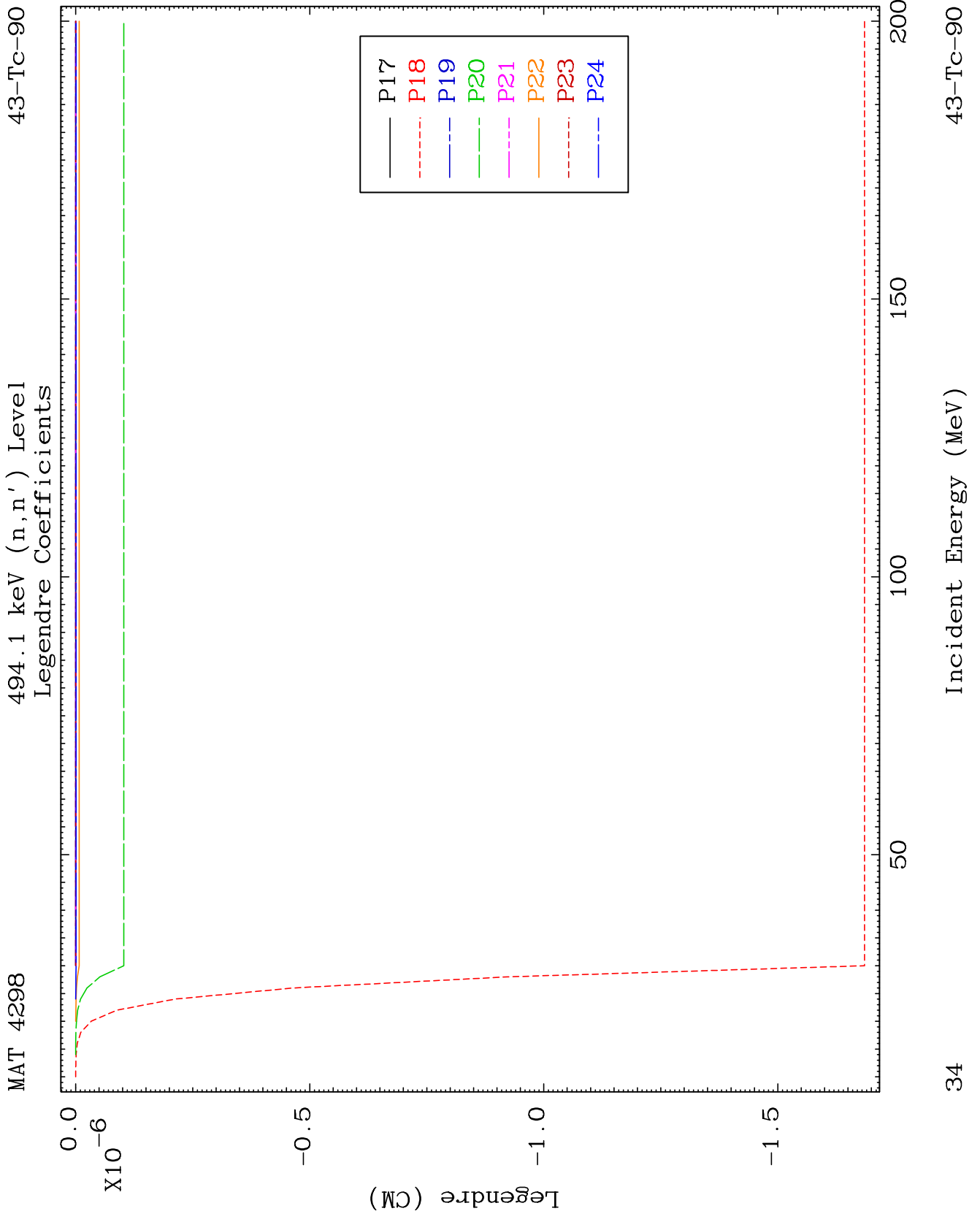
43-Tc-90





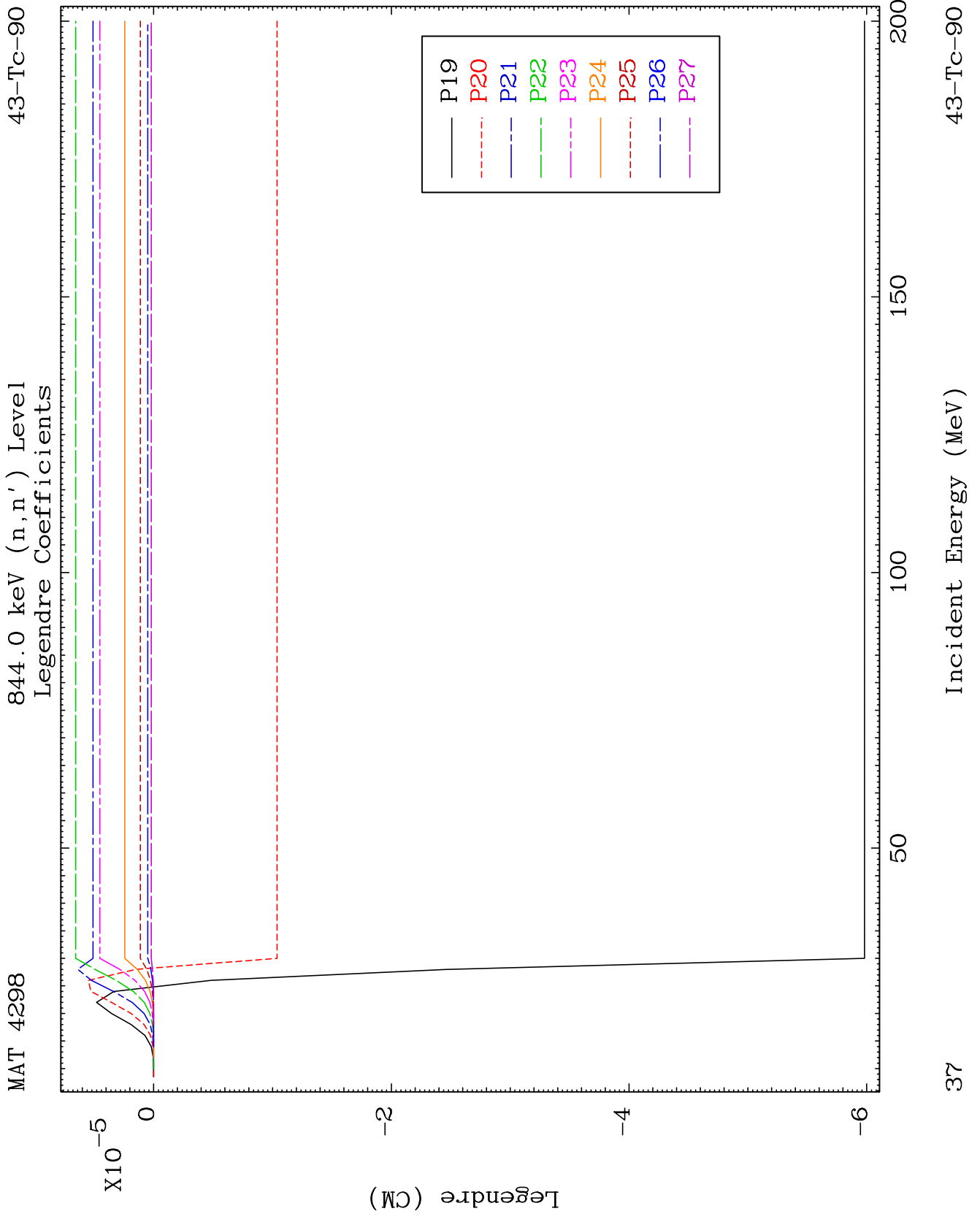








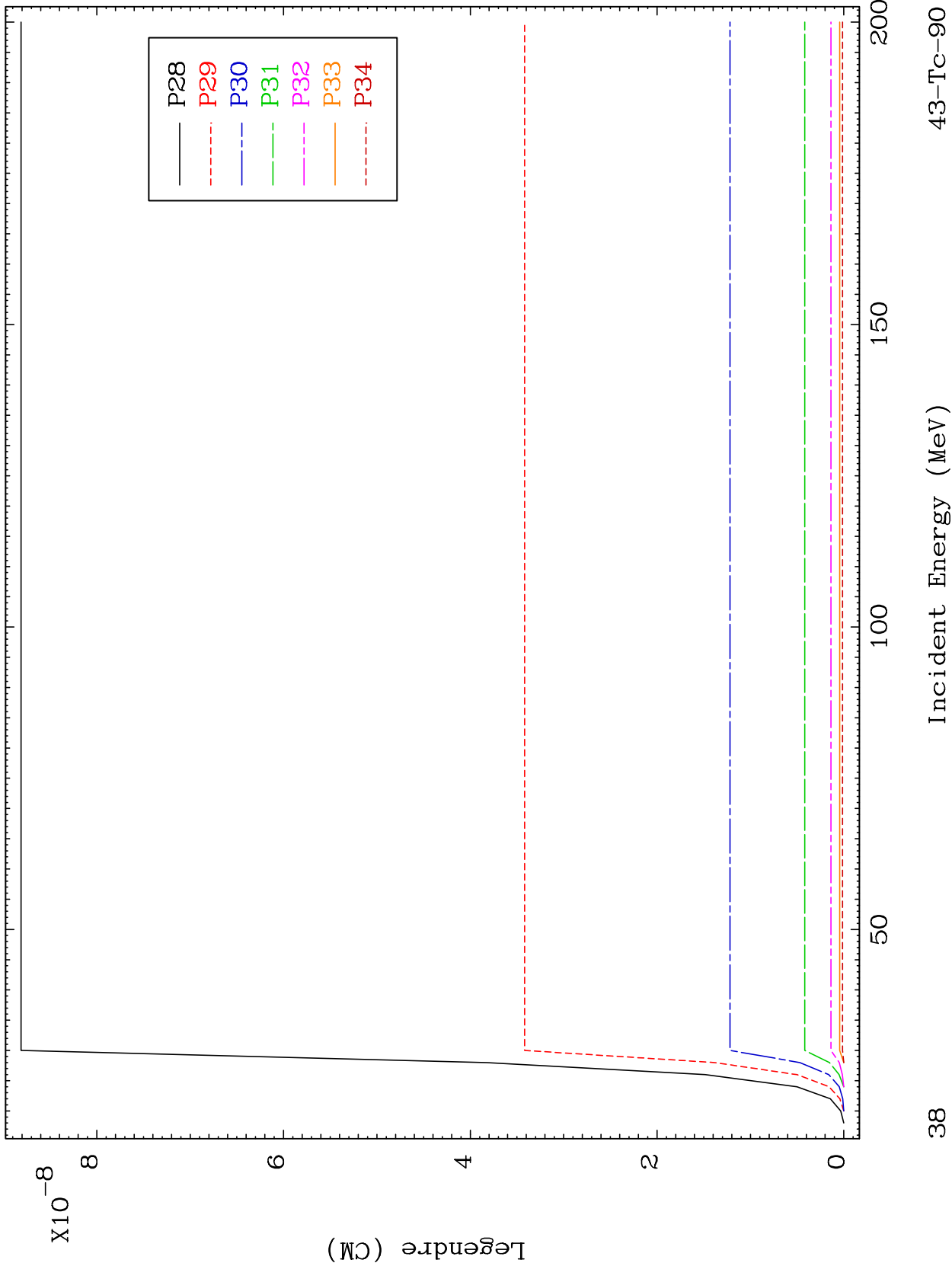




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844.0 keV (n,n') Level  
Legendre Coefficients

43-Tc-90



38

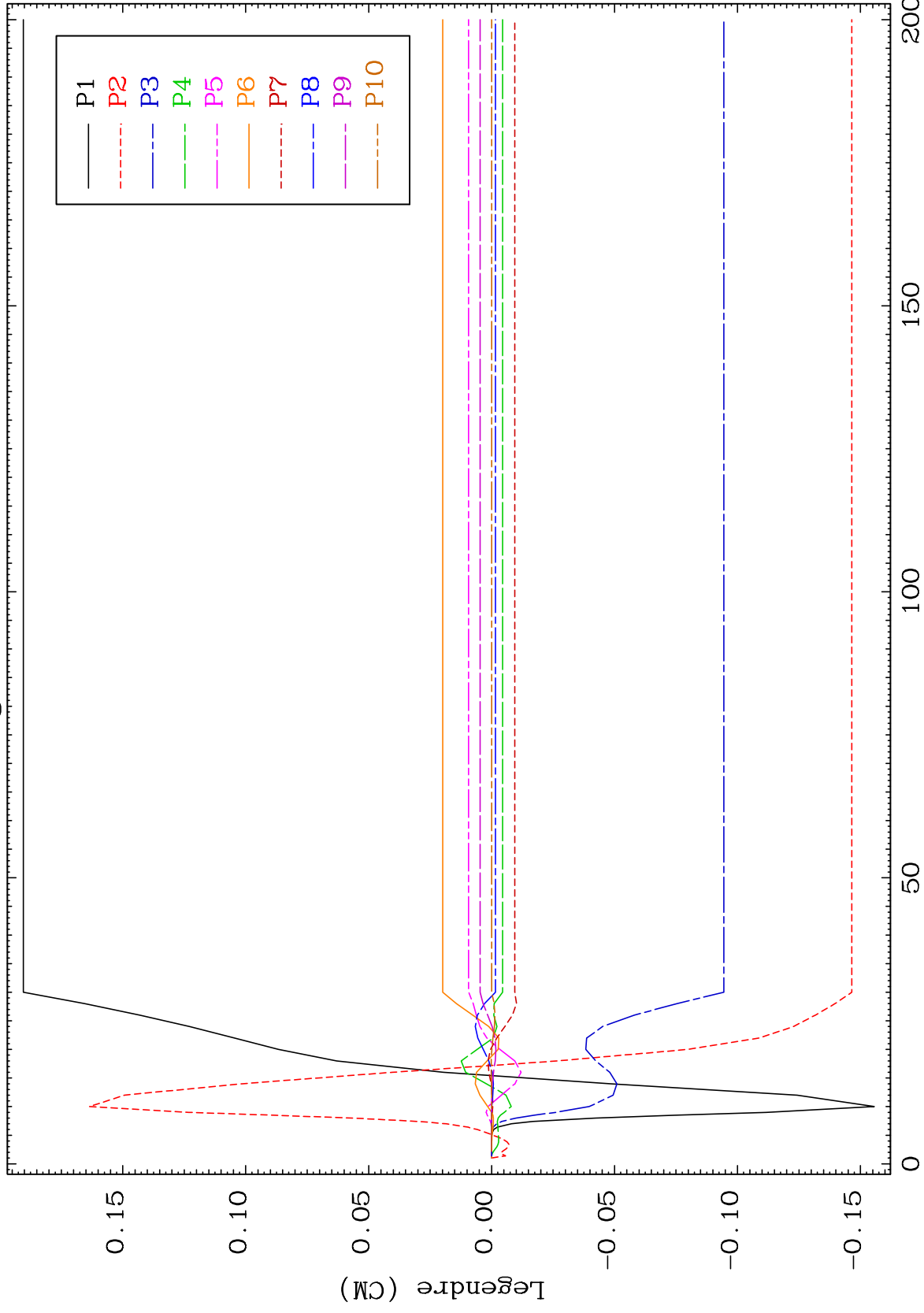
Incident Energy (MeV)

43-Tc-90

MAT 4298

993.7 keV (n,n') Level  
Legendre Coefficients

43-Tc-90



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Incident Energy (MeV)

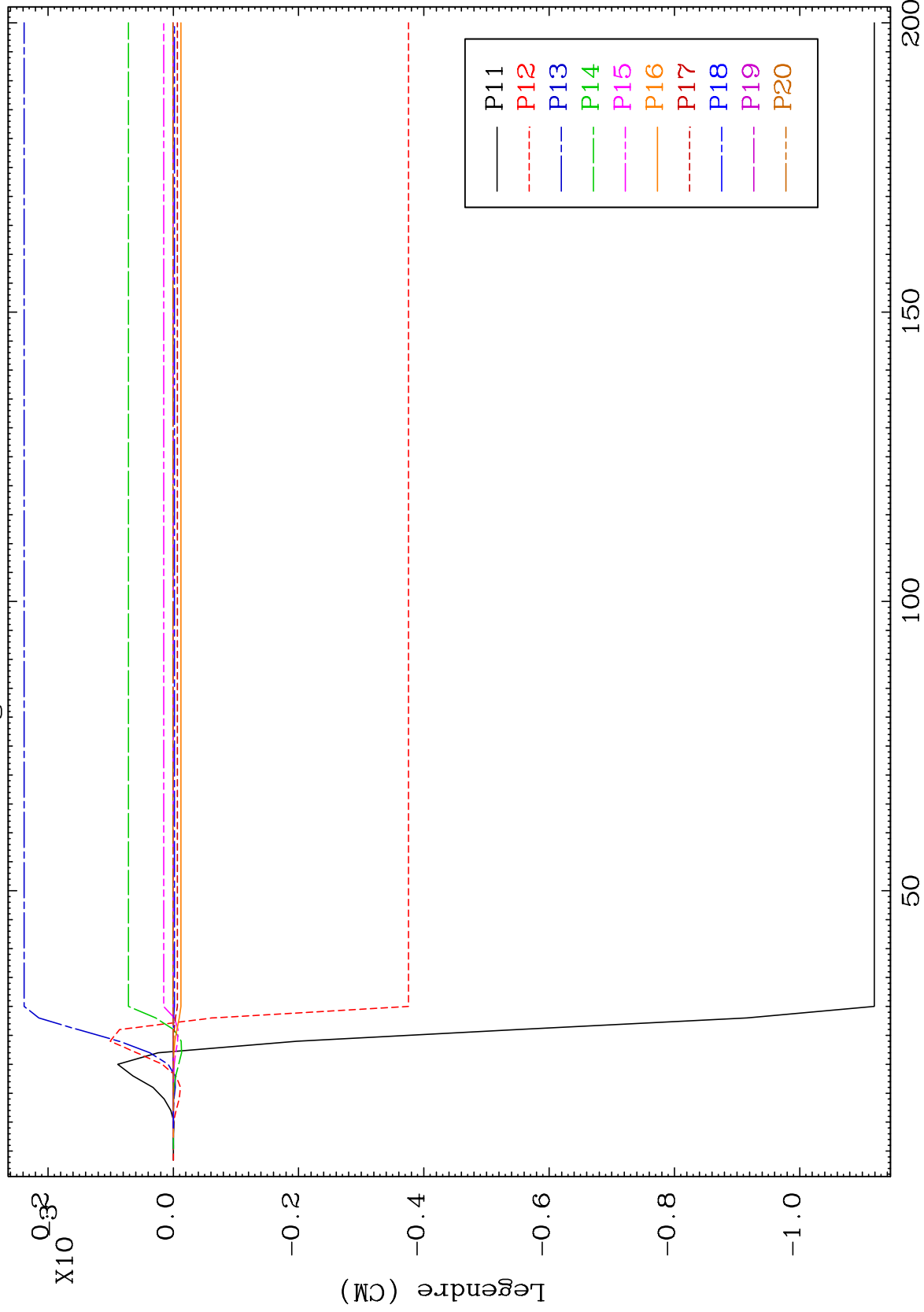
43-Tc-90



MAT 4298

993.7 keV (n,n') Level  
Legendre Coefficients

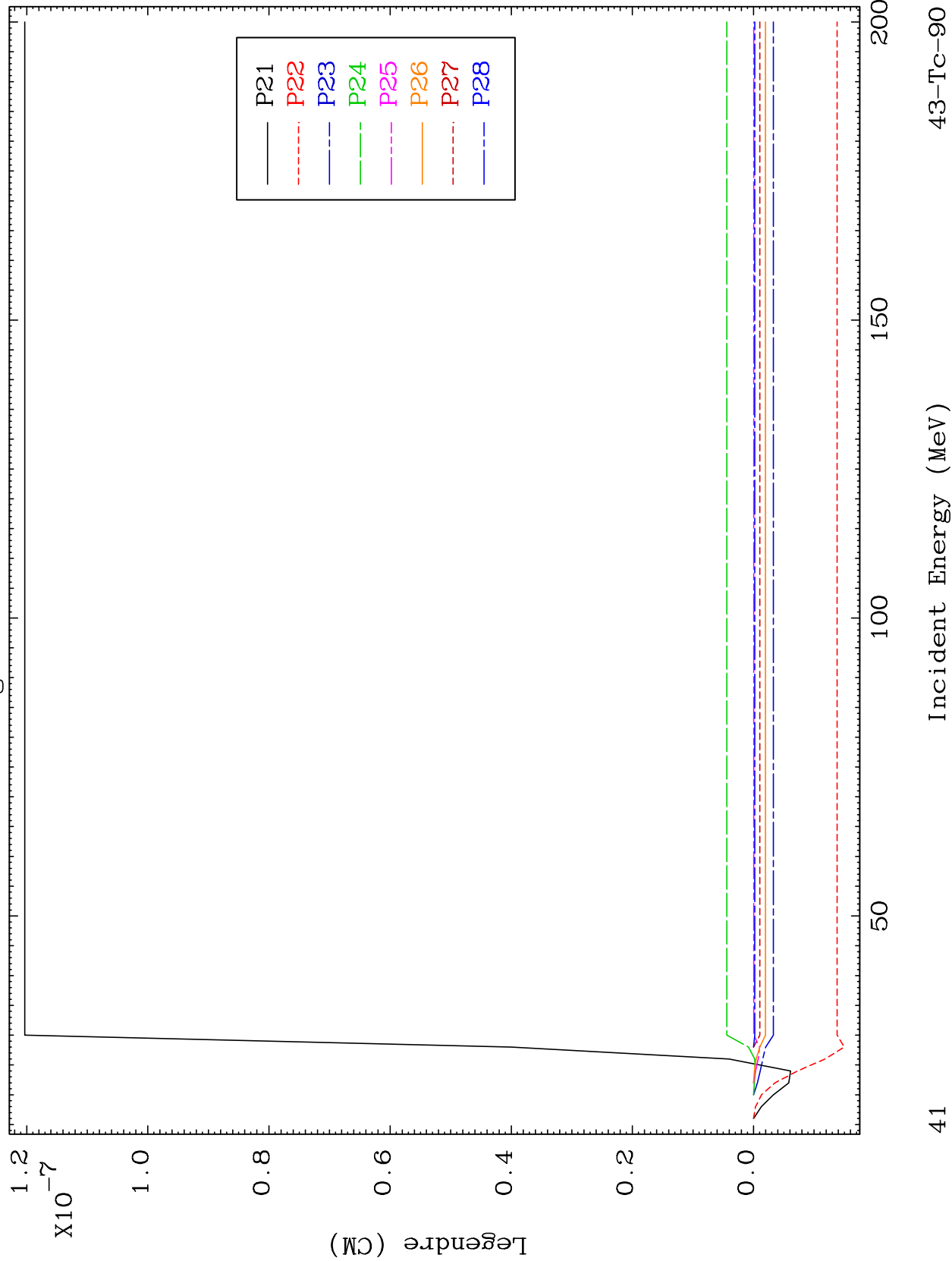
43-Tc-90



40

Incident Energy (MeV)

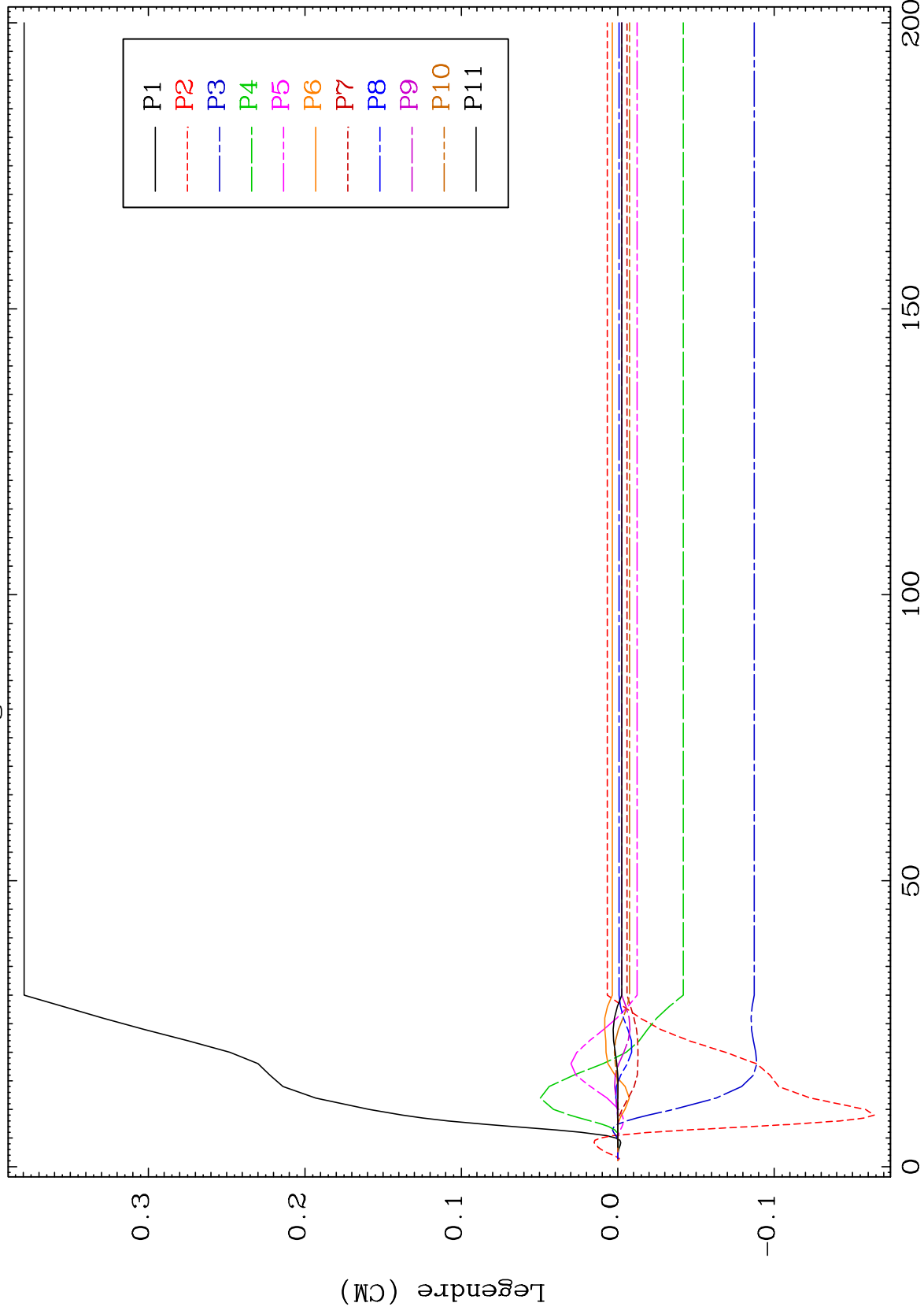
43-Tc-90



MAT 4298

1.024 MeV (n,n') Level  
Legendre Coefficients

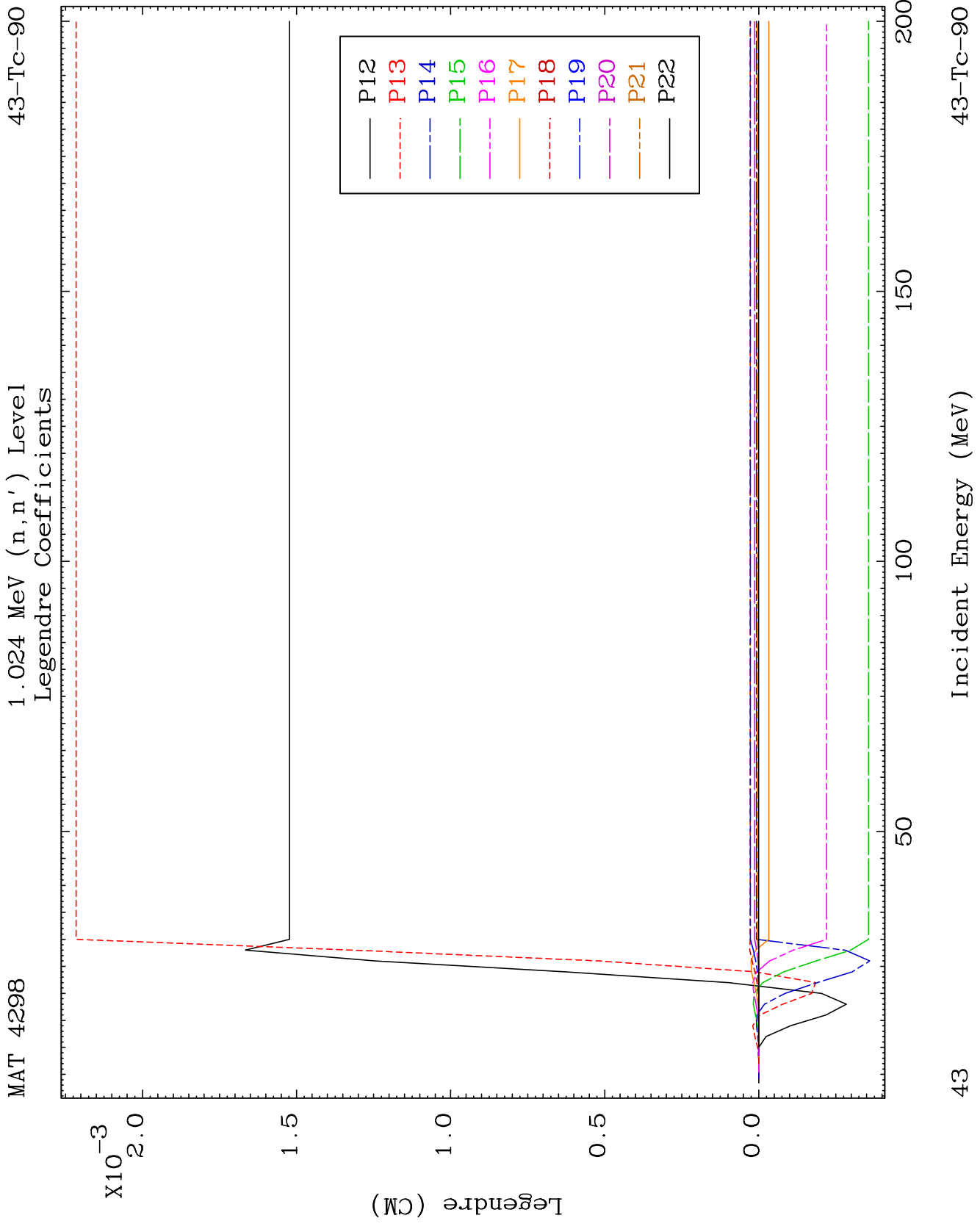
43-Tc-90

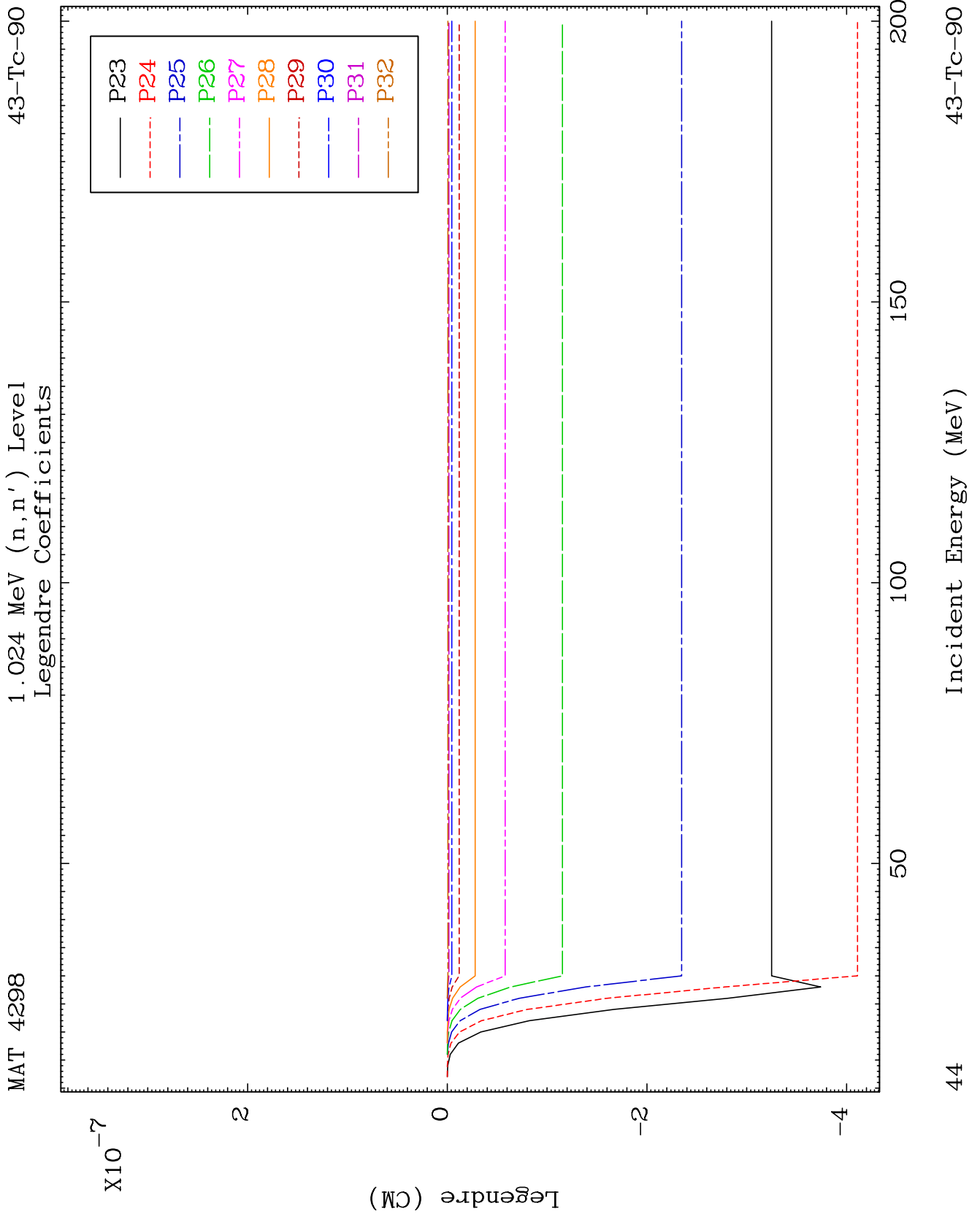


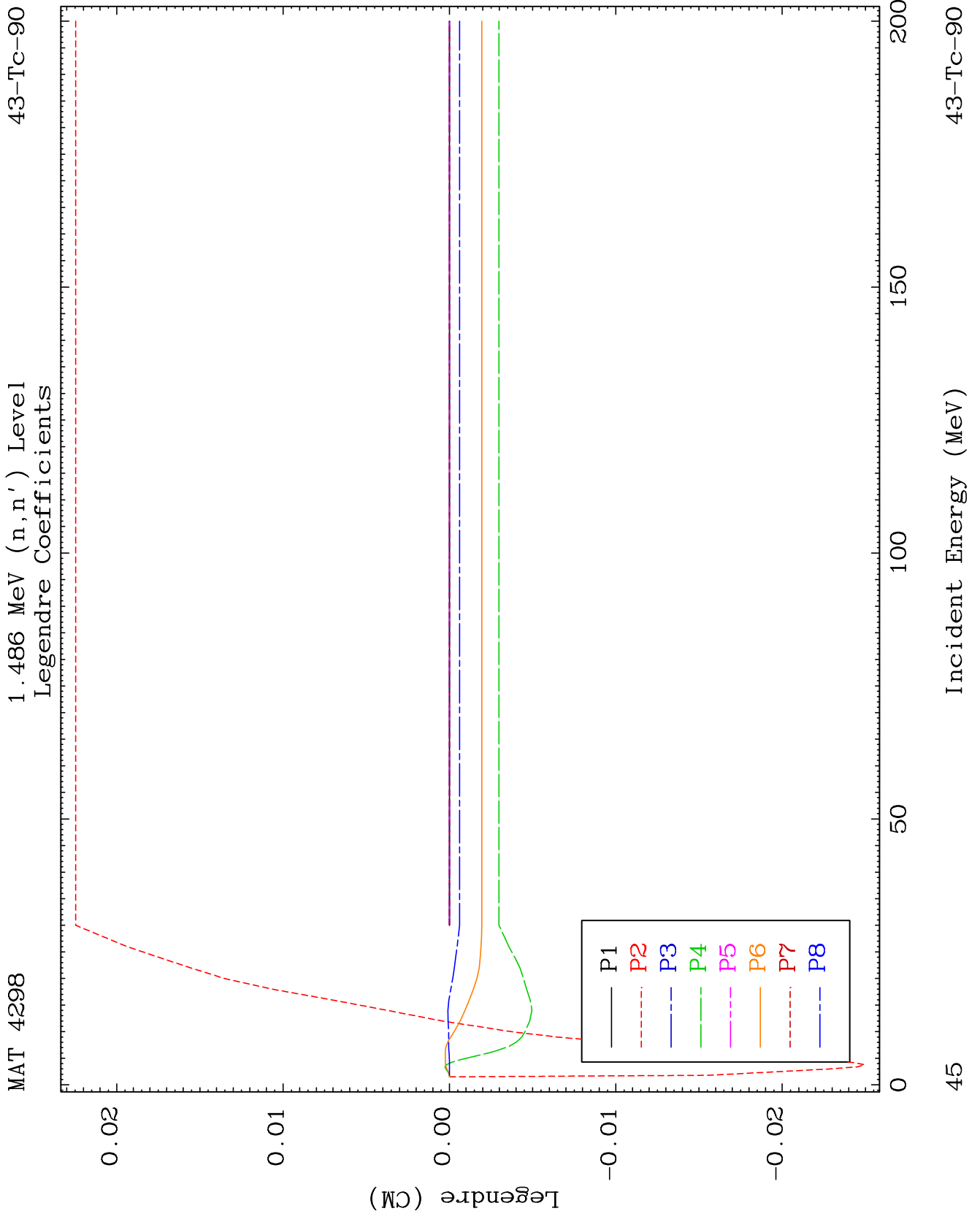
42

Incident Energy (MeV)

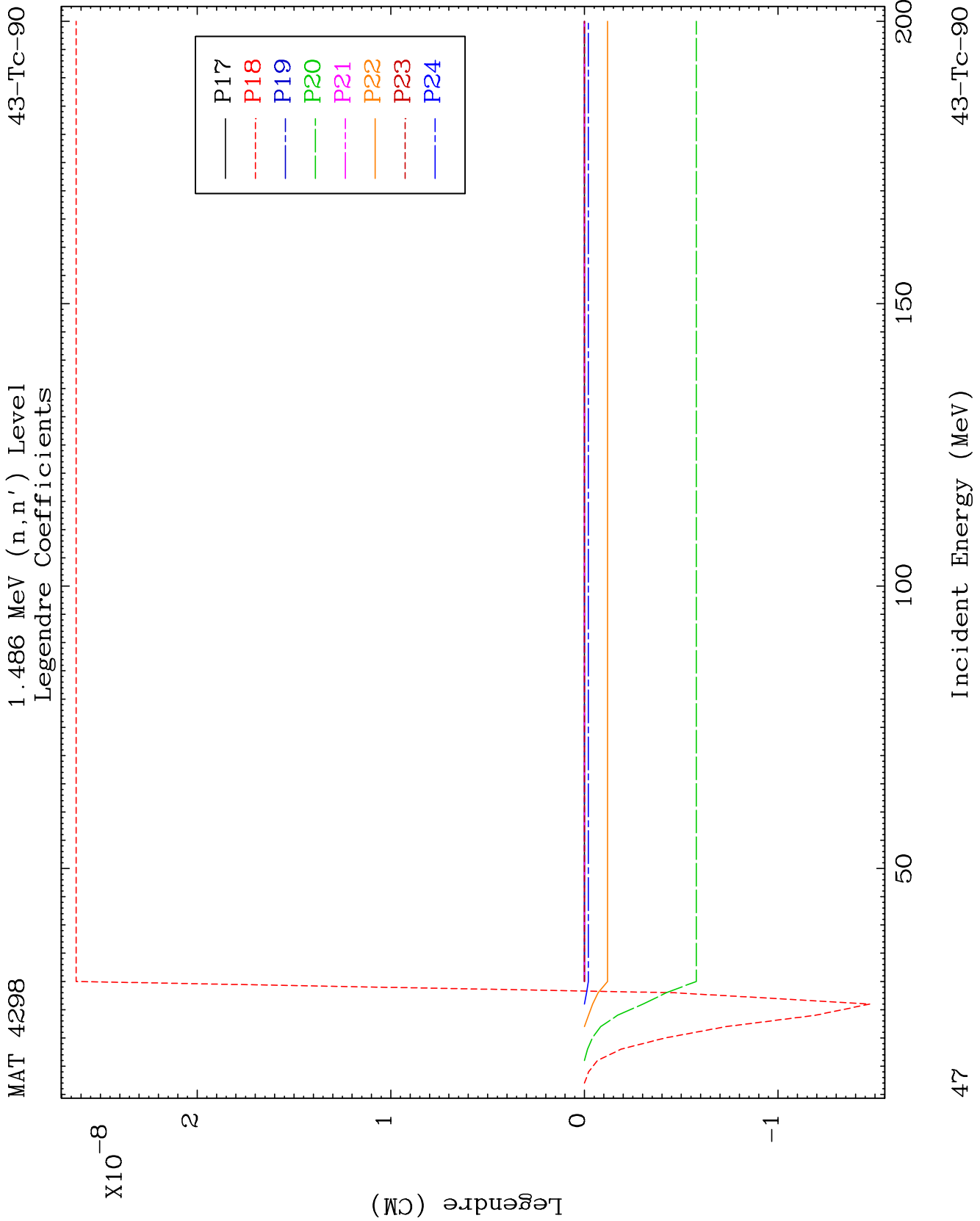
43-Tc-90









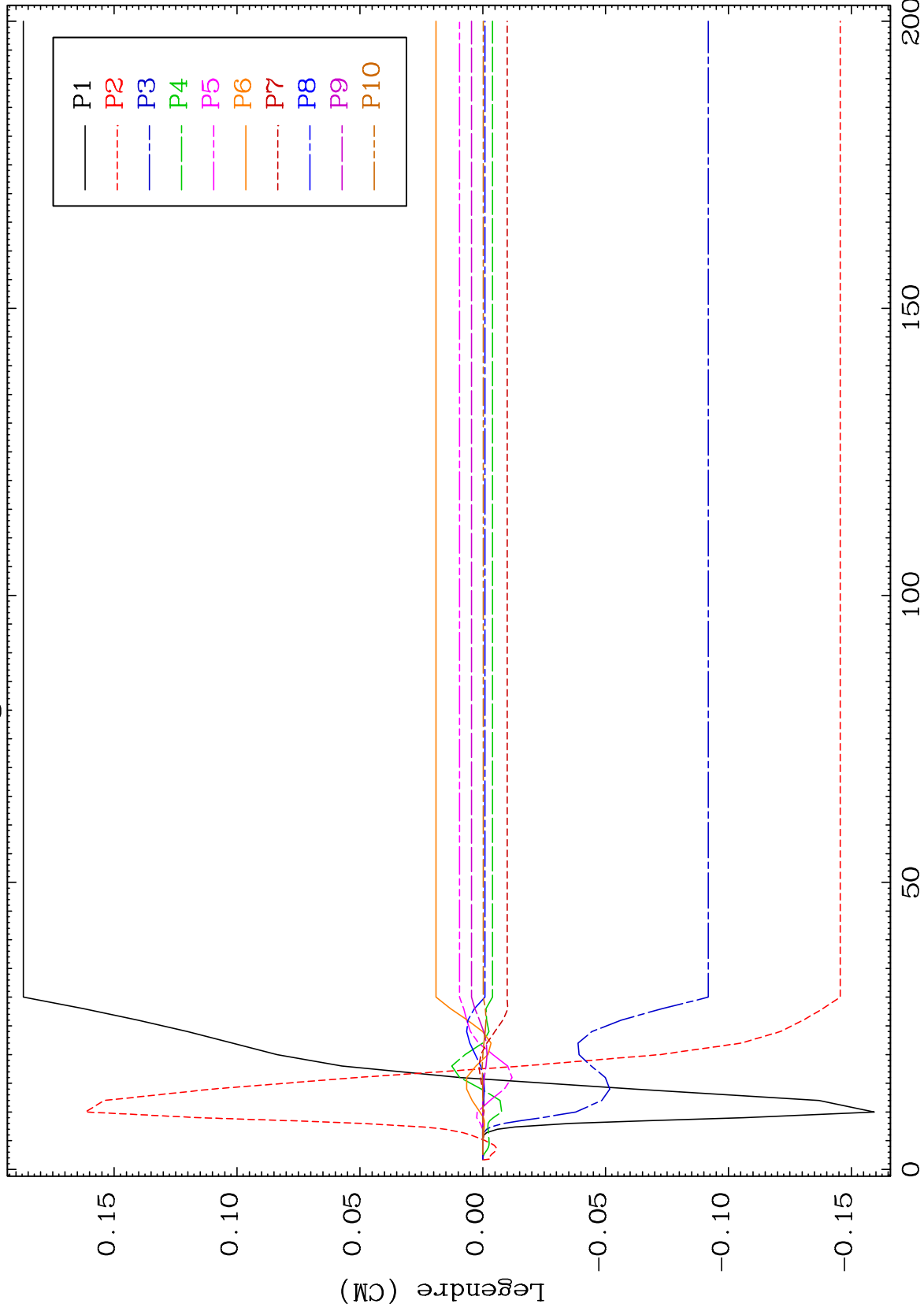




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1.614 MeV (n,n') Level  
Legendre Coefficients

43-Tc-90



48

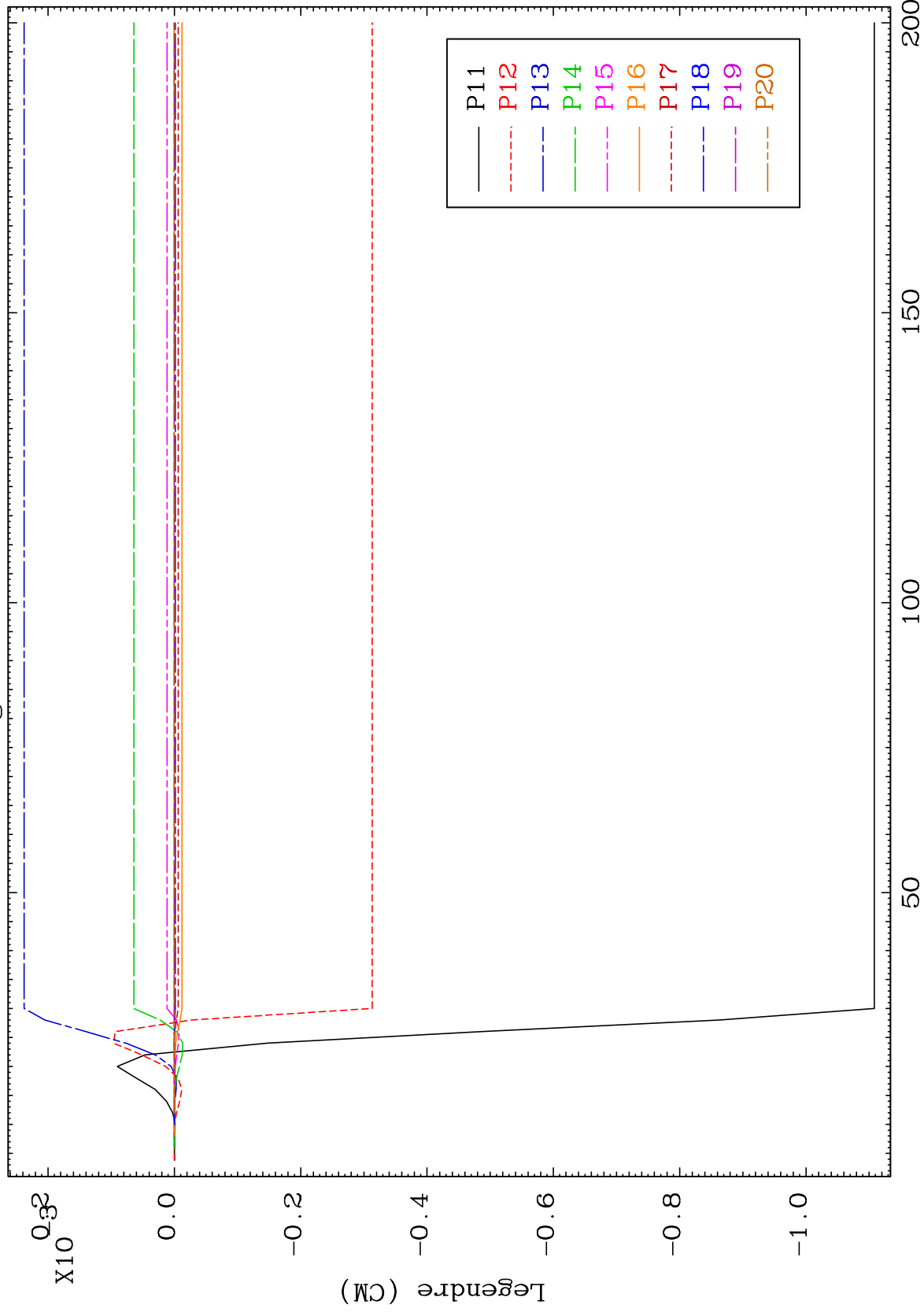
Incident Energy (MeV)

43-Tc-90

MAT 4298

1.614 MeV (n,n') Level  
Legendre Coefficients

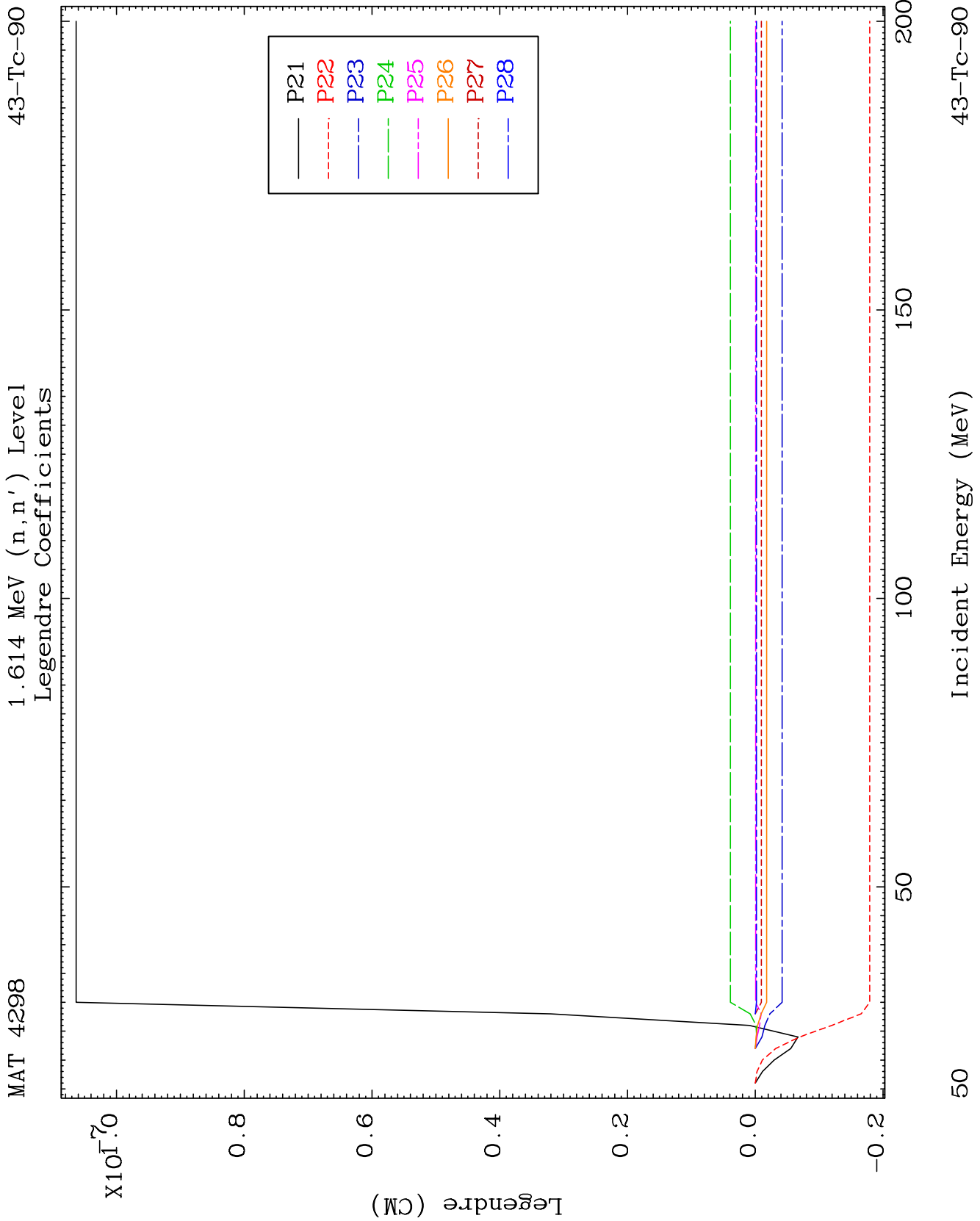
43-Tc-90



49

Incident Energy (MeV)

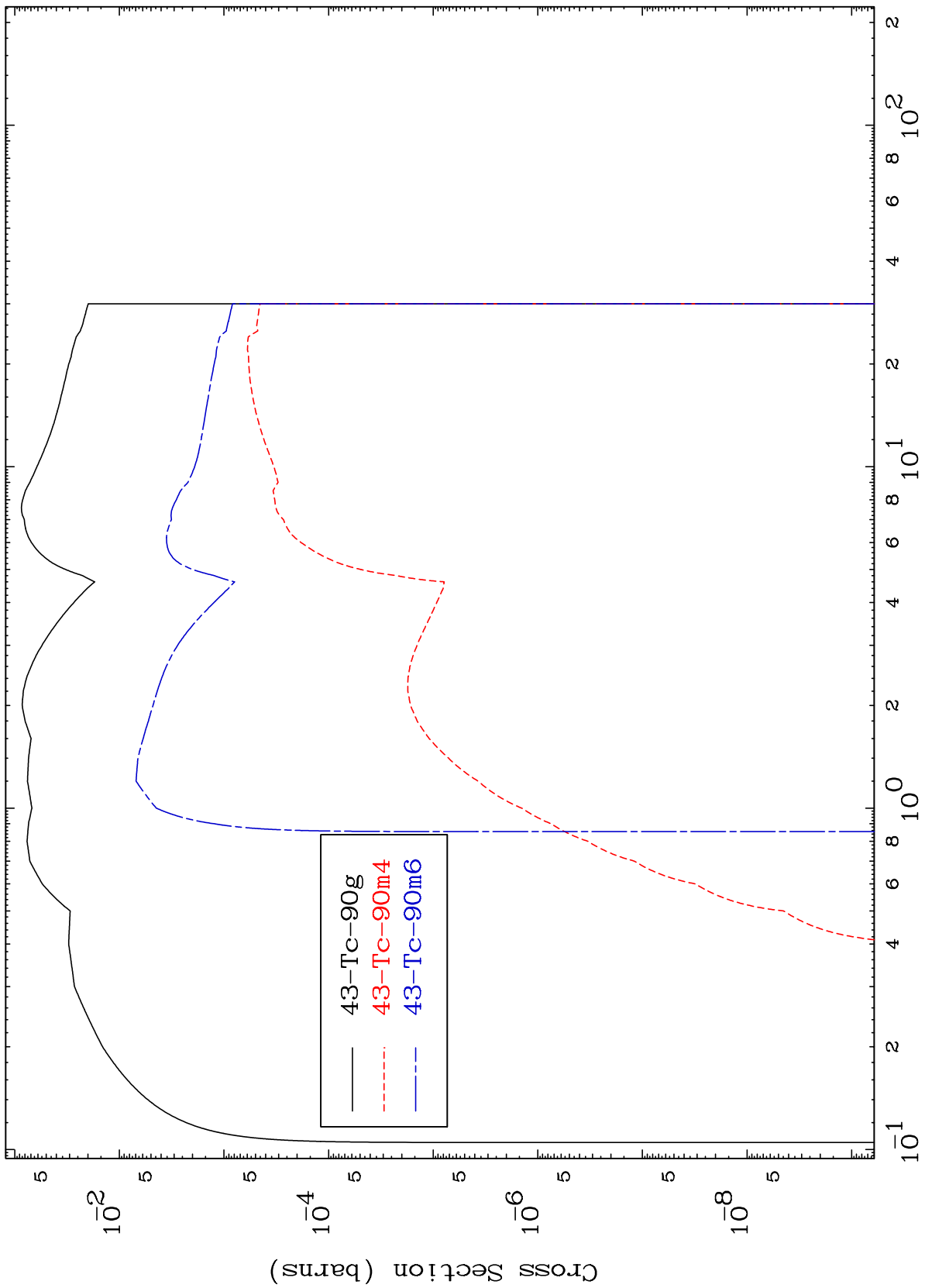
43-Tc-90



MAT 4298

43-Tc-90

Inelastic  
Radionuclide Production Cross Section

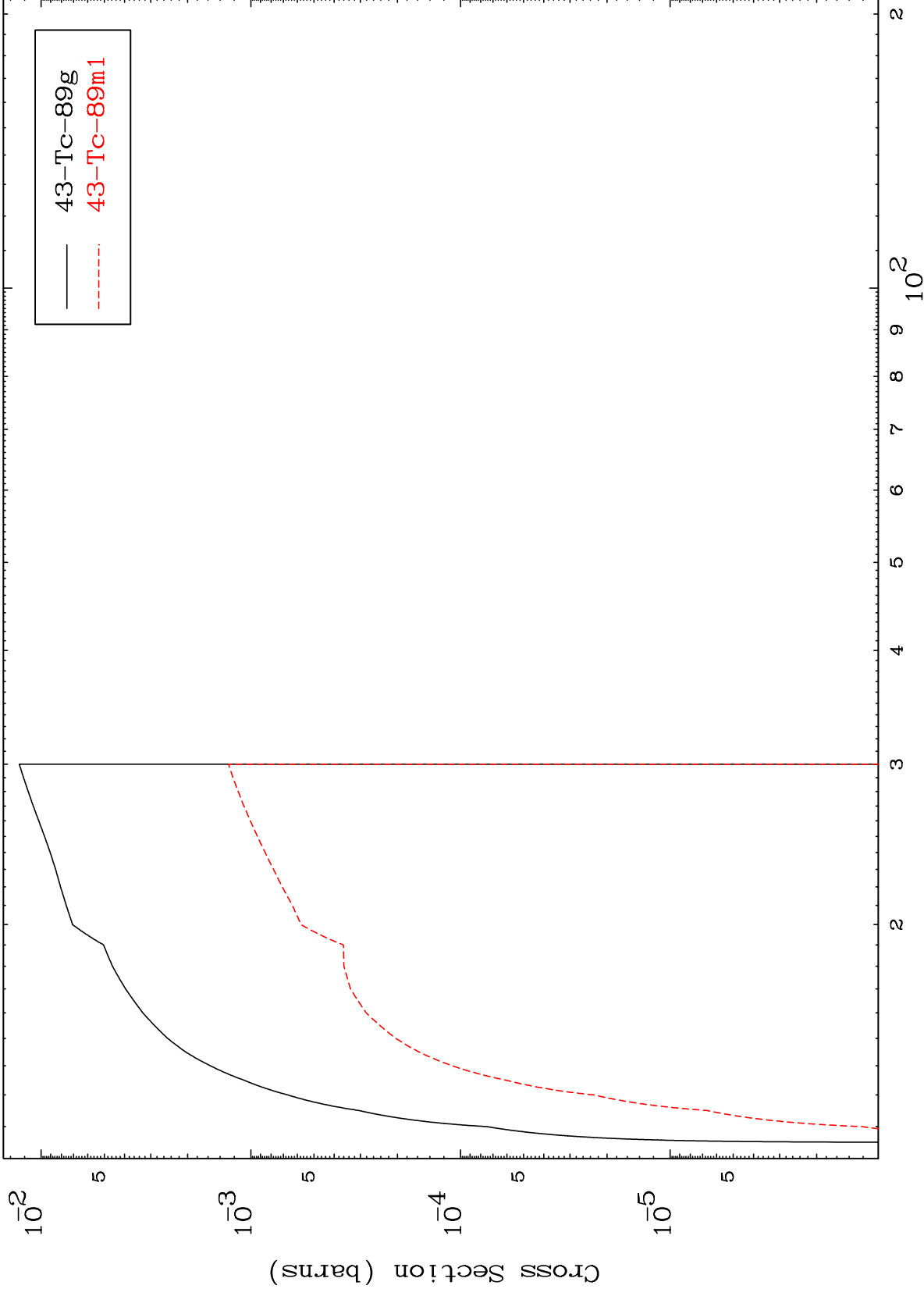


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(n,2n)

43-Tc-90

Radionuclide Production Cross Section



43-Tc-89g  
43-Tc-89m1

Incident Energy (MeV)

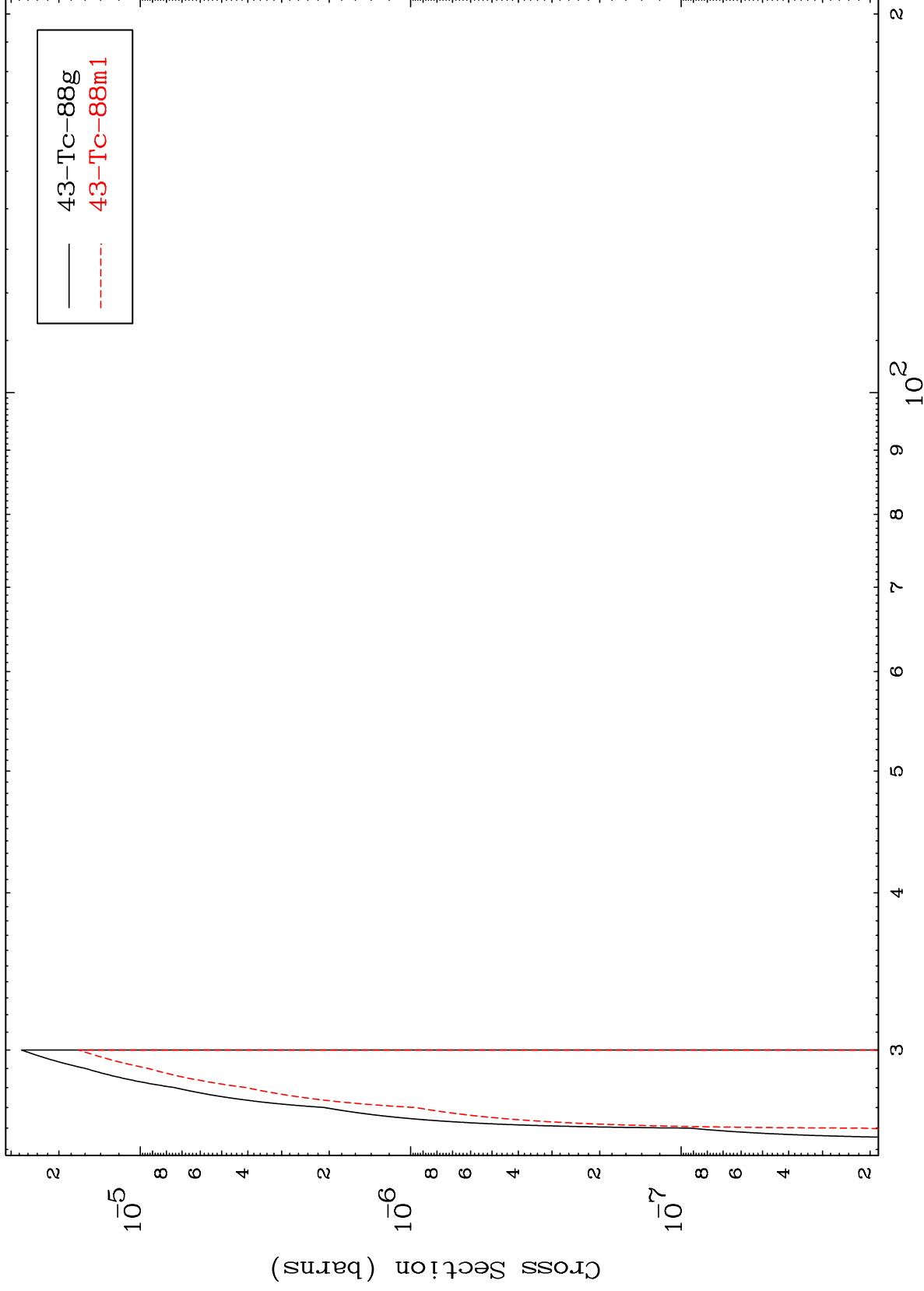
43-Tc-90

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MAT 4298

43-Tc-90

(n,3n)  
Radionuclide Production Cross Section



43-Tc-88g  
43-Tc-88m1

53

43-Tc-90

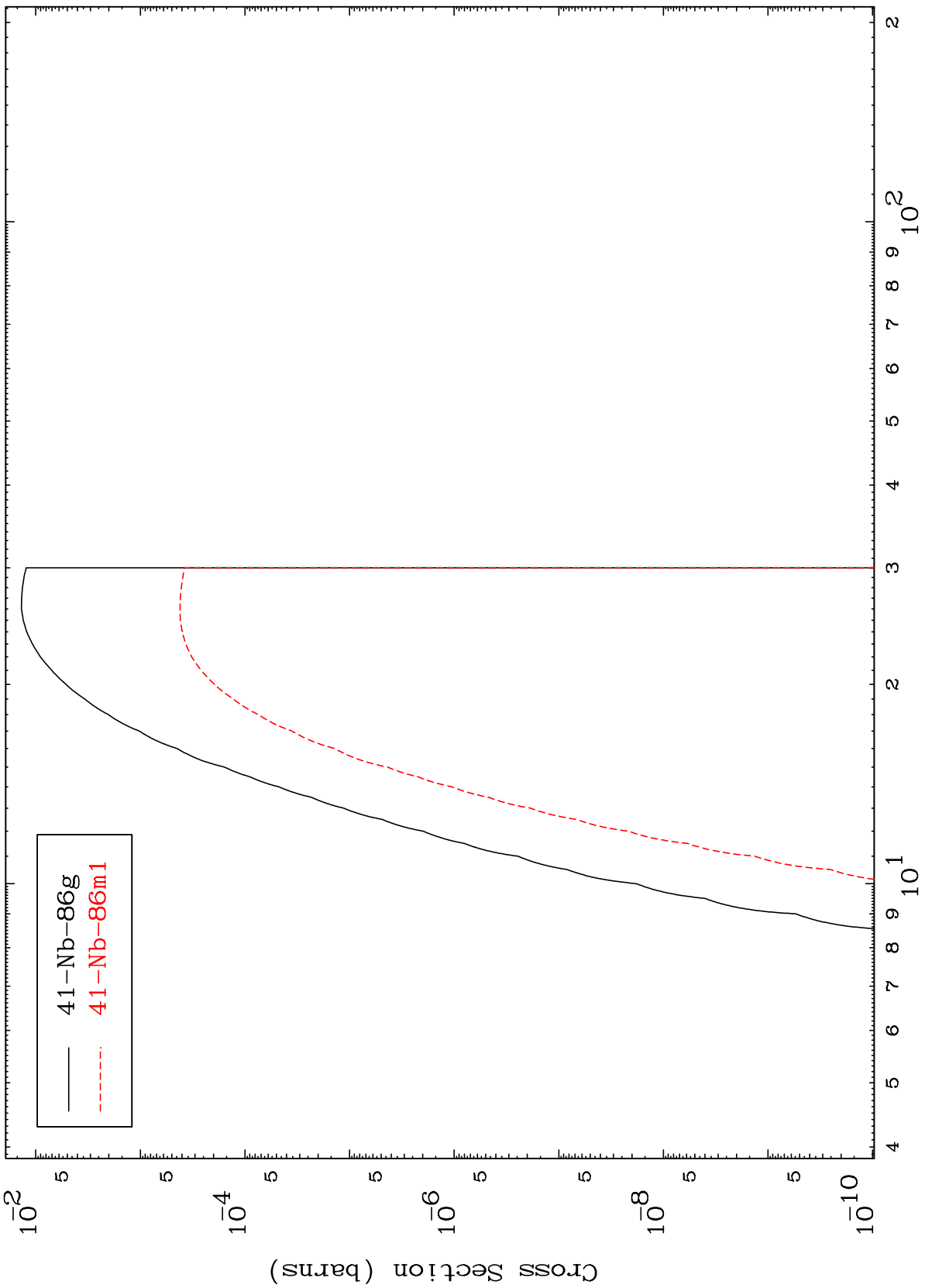
Incident Energy (MeV)

MAT 4298

$(n, n')$   $\alpha$

43-Tc-90

Radionuclide Production Cross Section



54

Incident Energy (MeV)

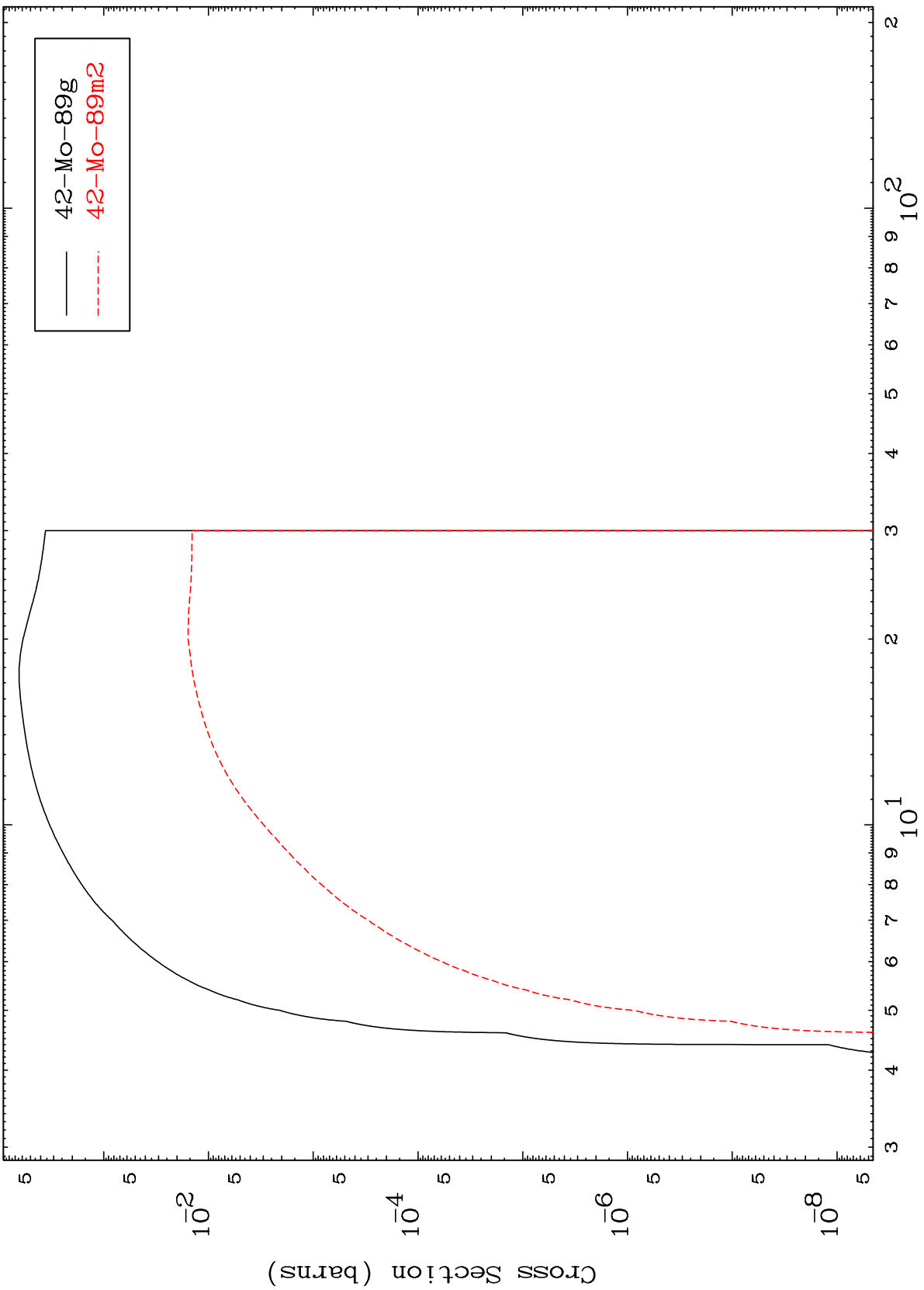
43-Tc-90

MAT 4298

(n,n') p

43-Tc-90

Radionuclide Production Cross Section



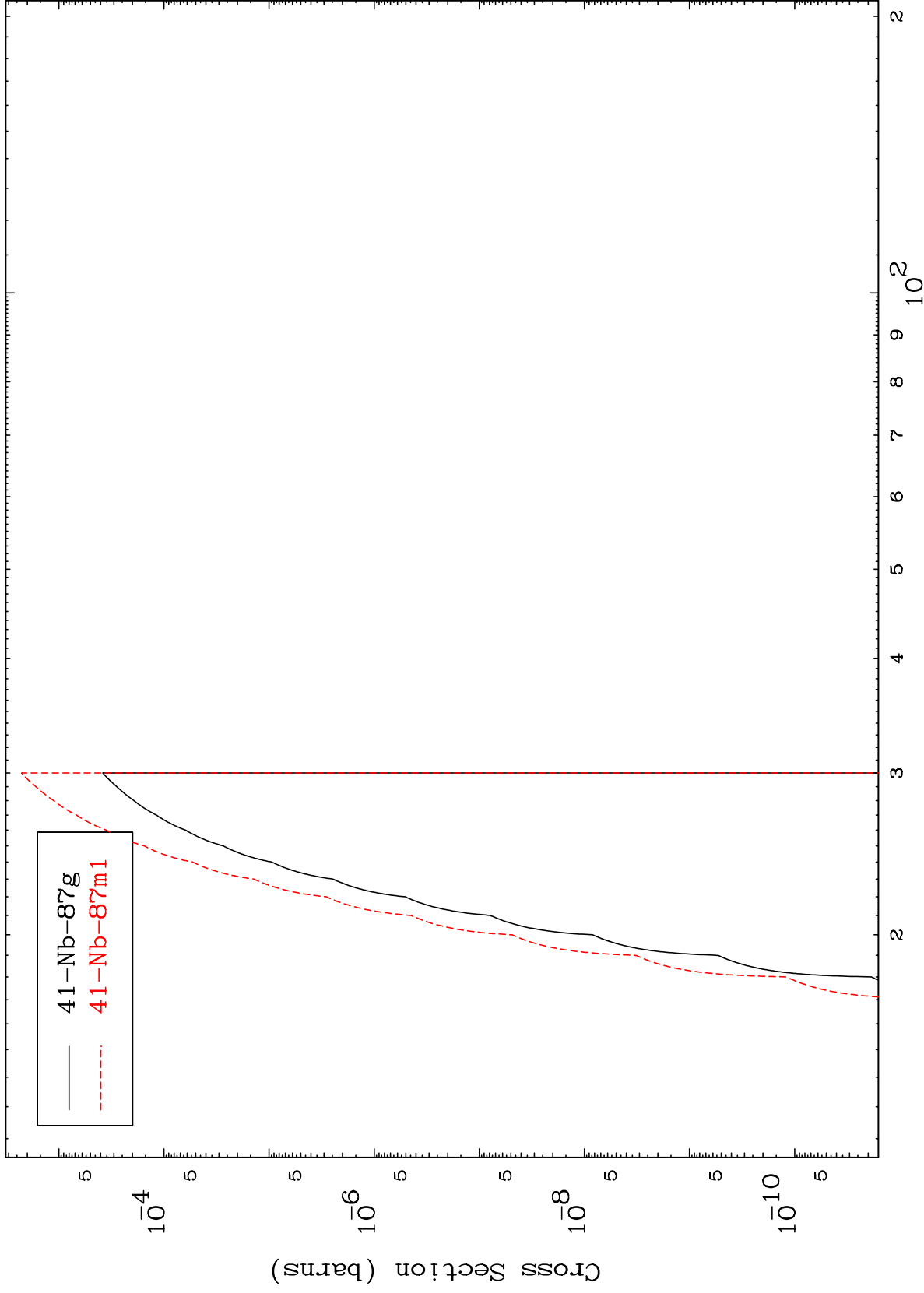
55

Incident Energy (MeV)

43-Tc-90



Radionuclide Production Cross Section

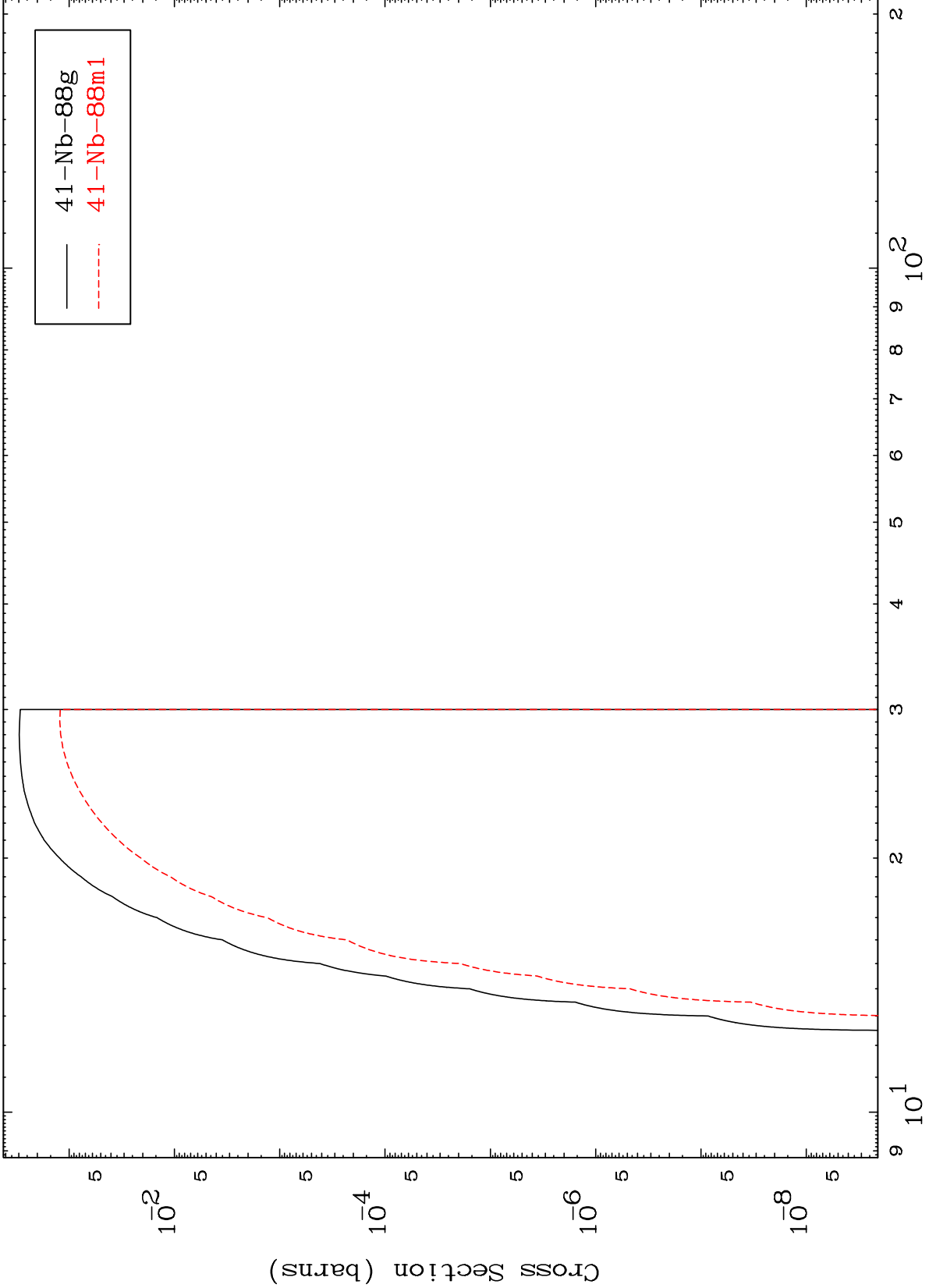


MAT 4298

(n,2n) p

43-Tc-90

Radionuclide Production Cross Section



41-Nb-88g  
41-Nb-88m1

57

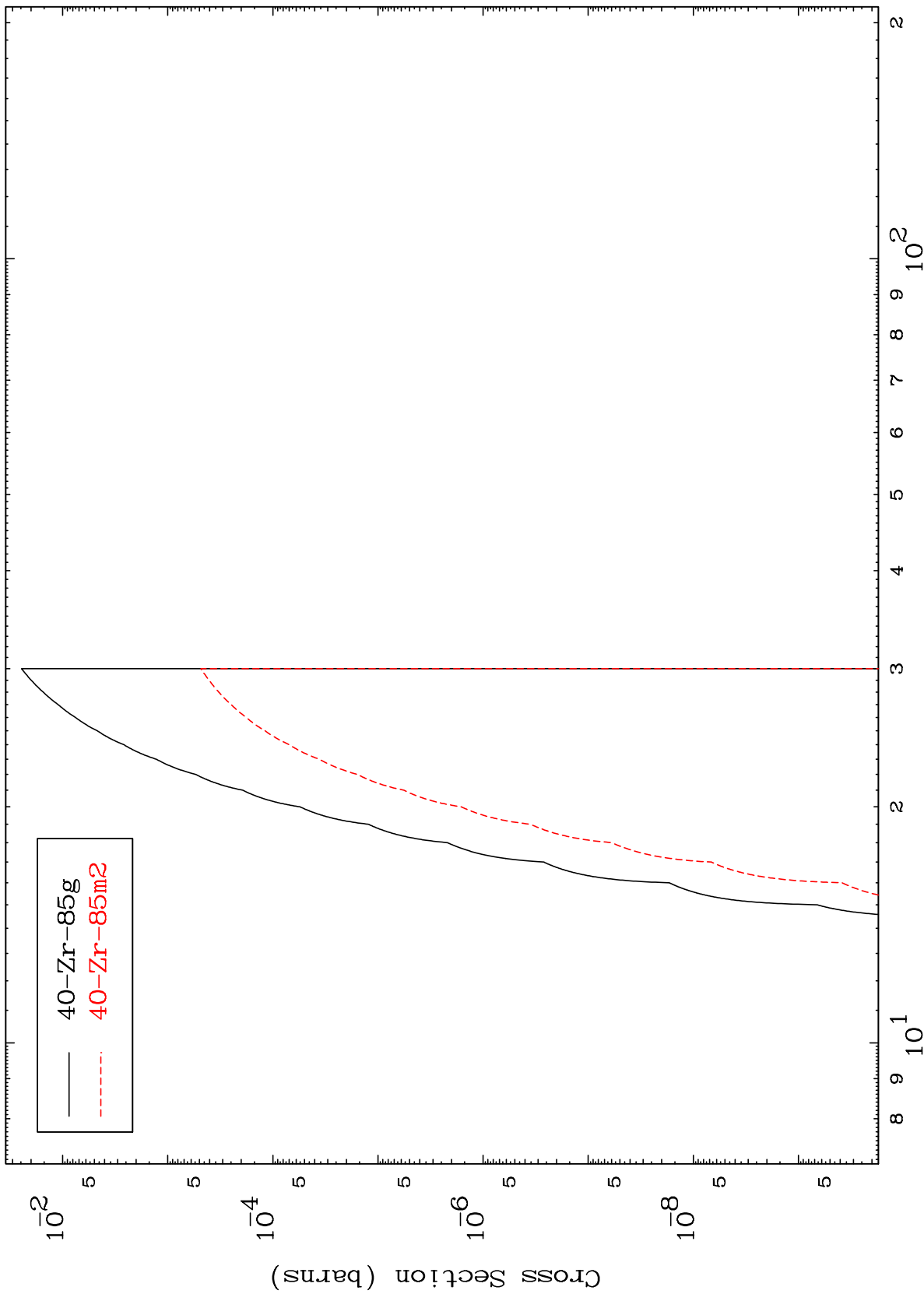
Incident Energy (MeV)

43-Tc-90

MAT 4298

43-Tc-90

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



58

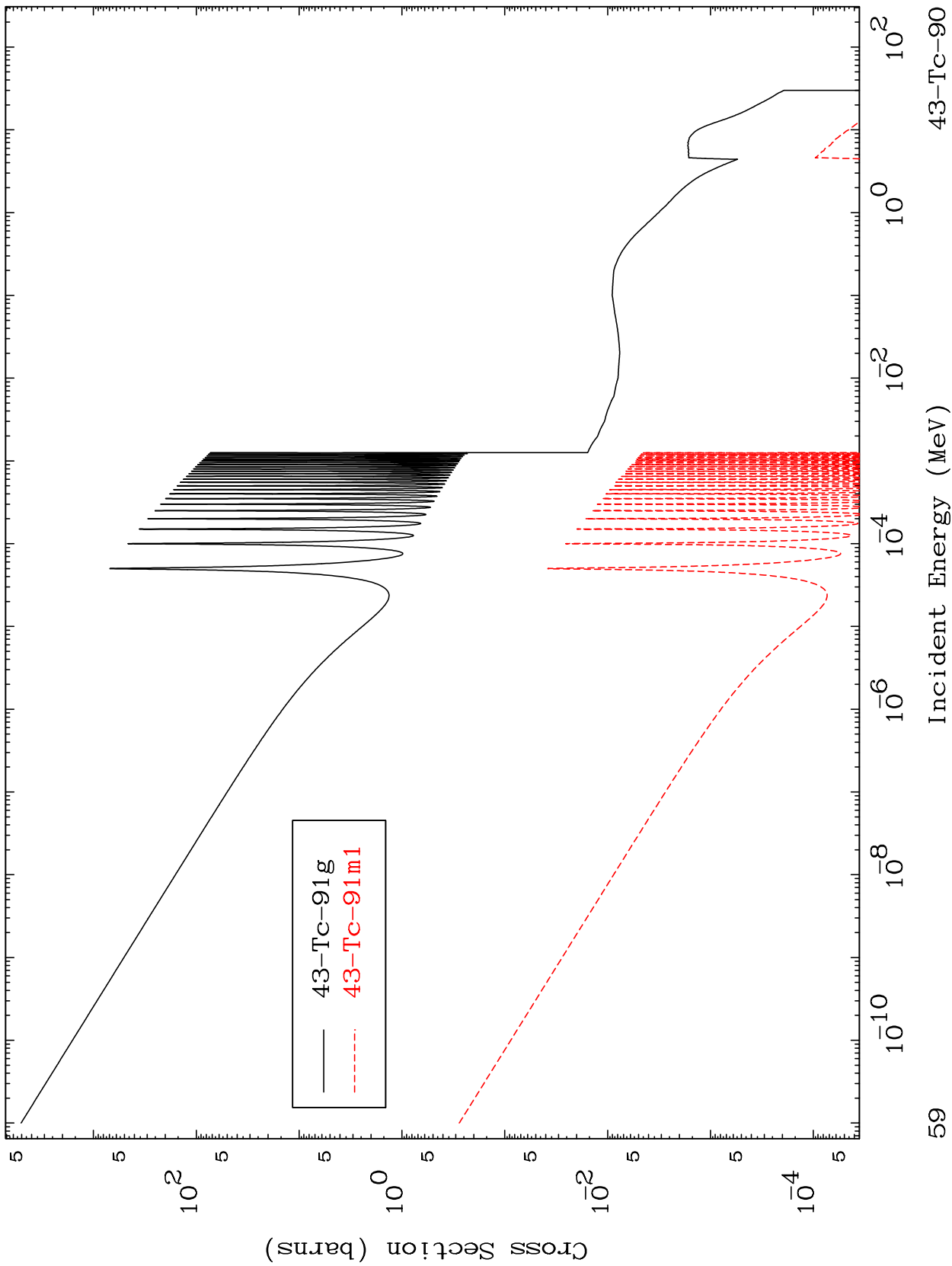
Incident Energy (MeV)

43-Tc-90

MAT 4298

43-Tc-90

(n,  $\gamma$ )  
Radionuclide Production Cross Section



59

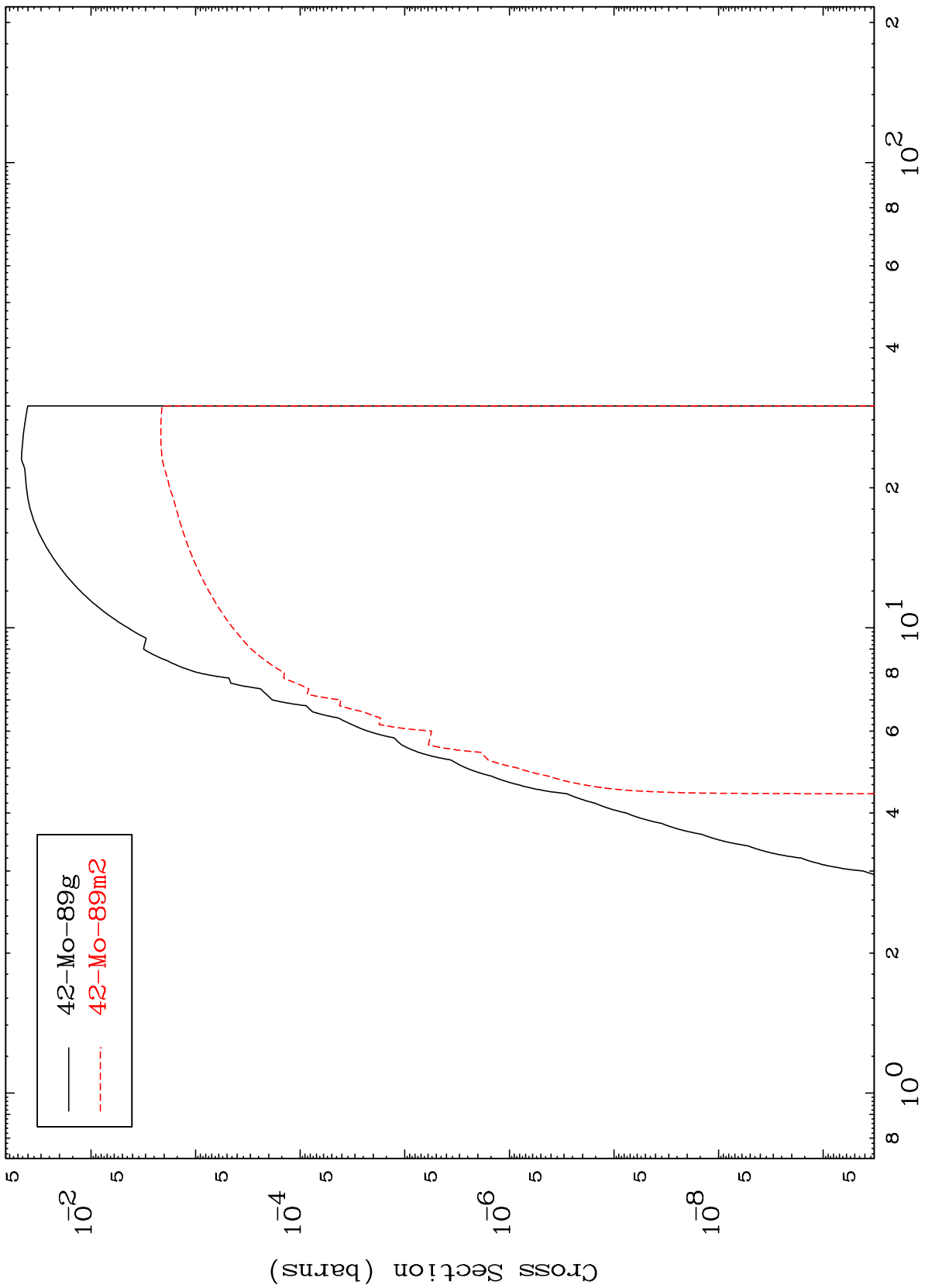
43-Tc-90

MAT 4298

(n,d)

43-Tc-90

Radionuclide Production Cross Section



60

Incident Energy (MeV)

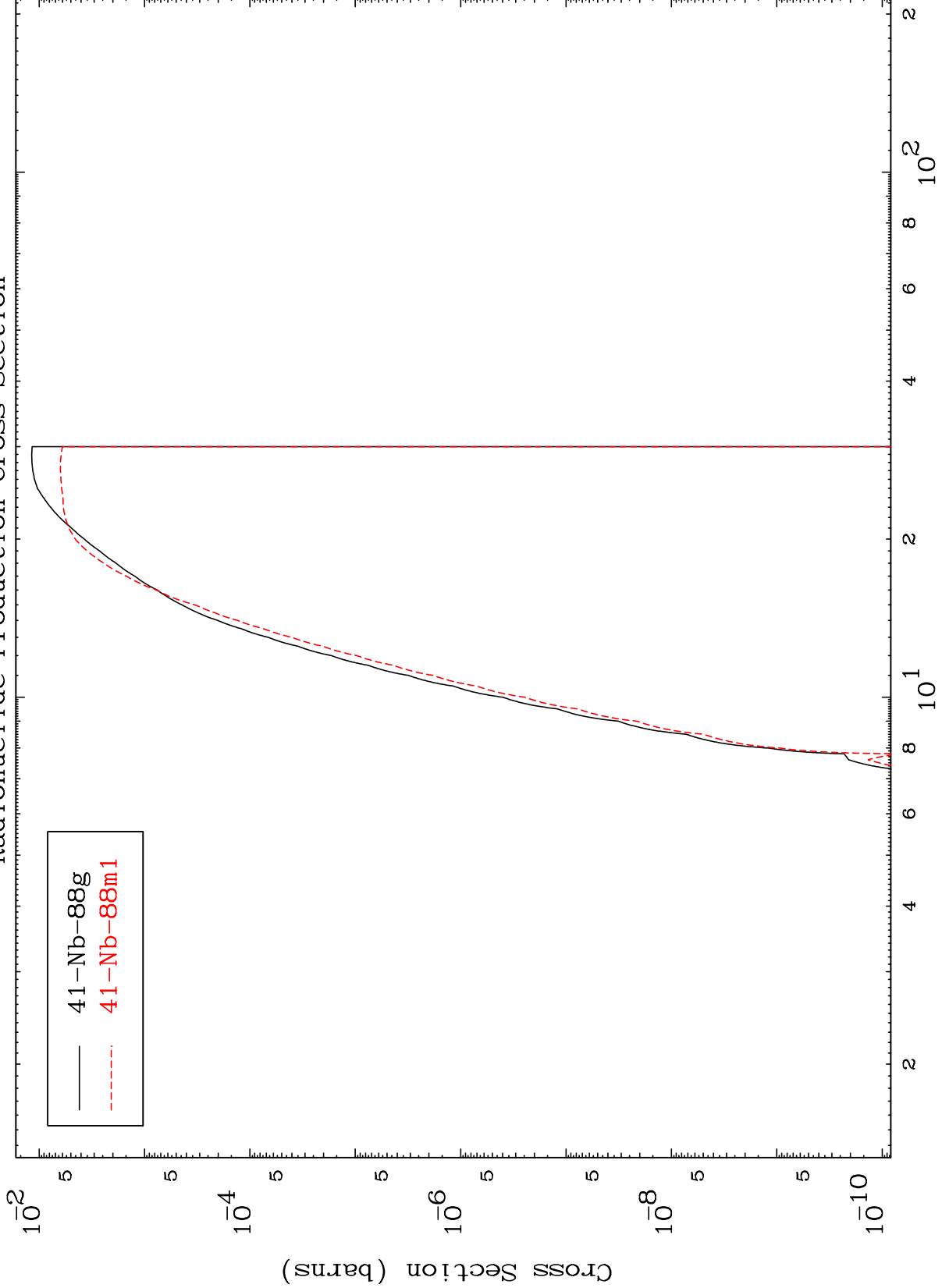
43-Tc-90

MAT 4298

(n,He-3)

43-Tc-90

Radionuclide Production Cross Section



61

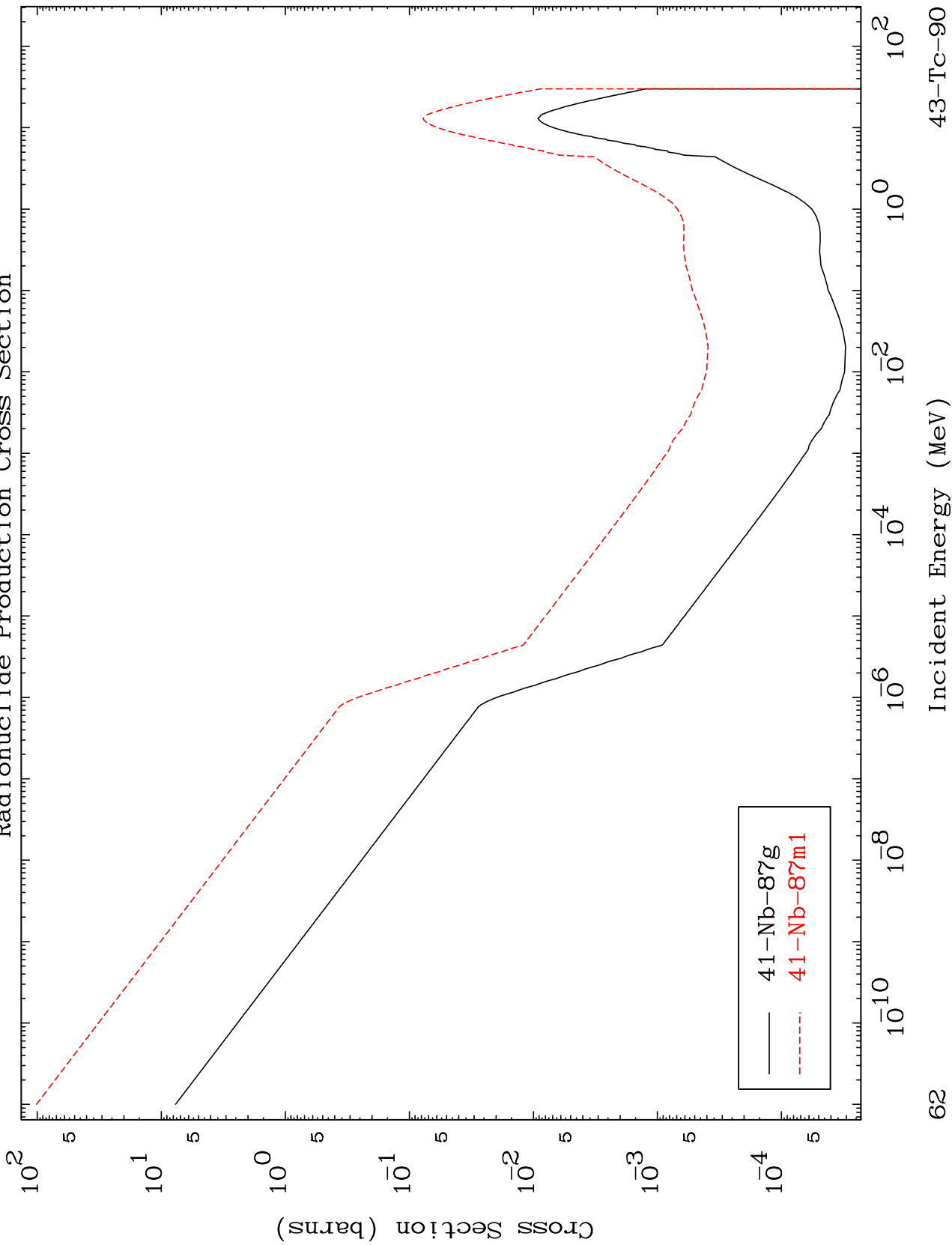
Incident Energy (MeV)

43-Tc-90

MAT 4298

43-Tc-90

(n,  $\alpha$ )  
Radionuclide Production Cross Section

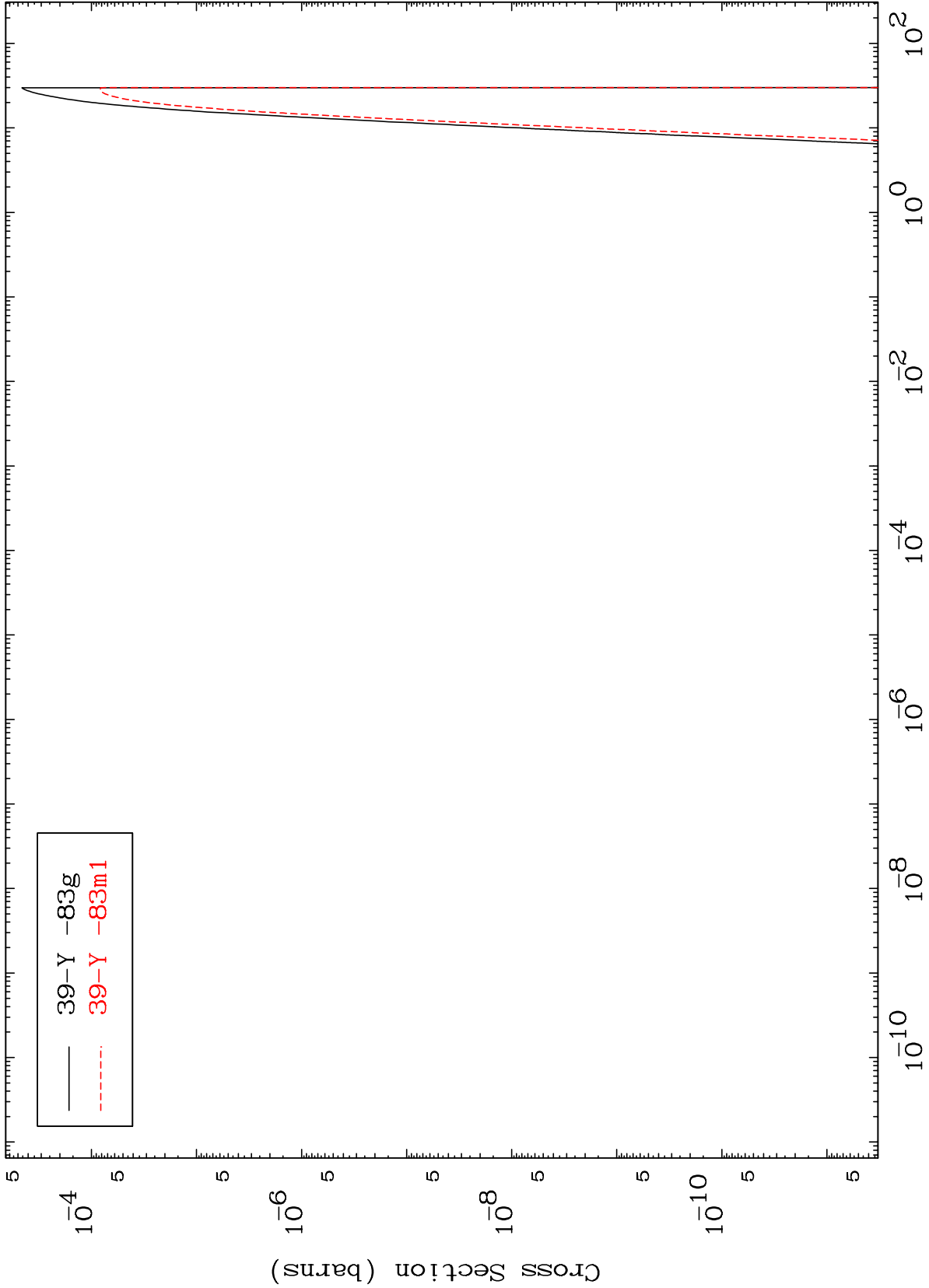


MAT 4298

(n,2α)

43-Tc-90

Radionuclide Production Cross Section



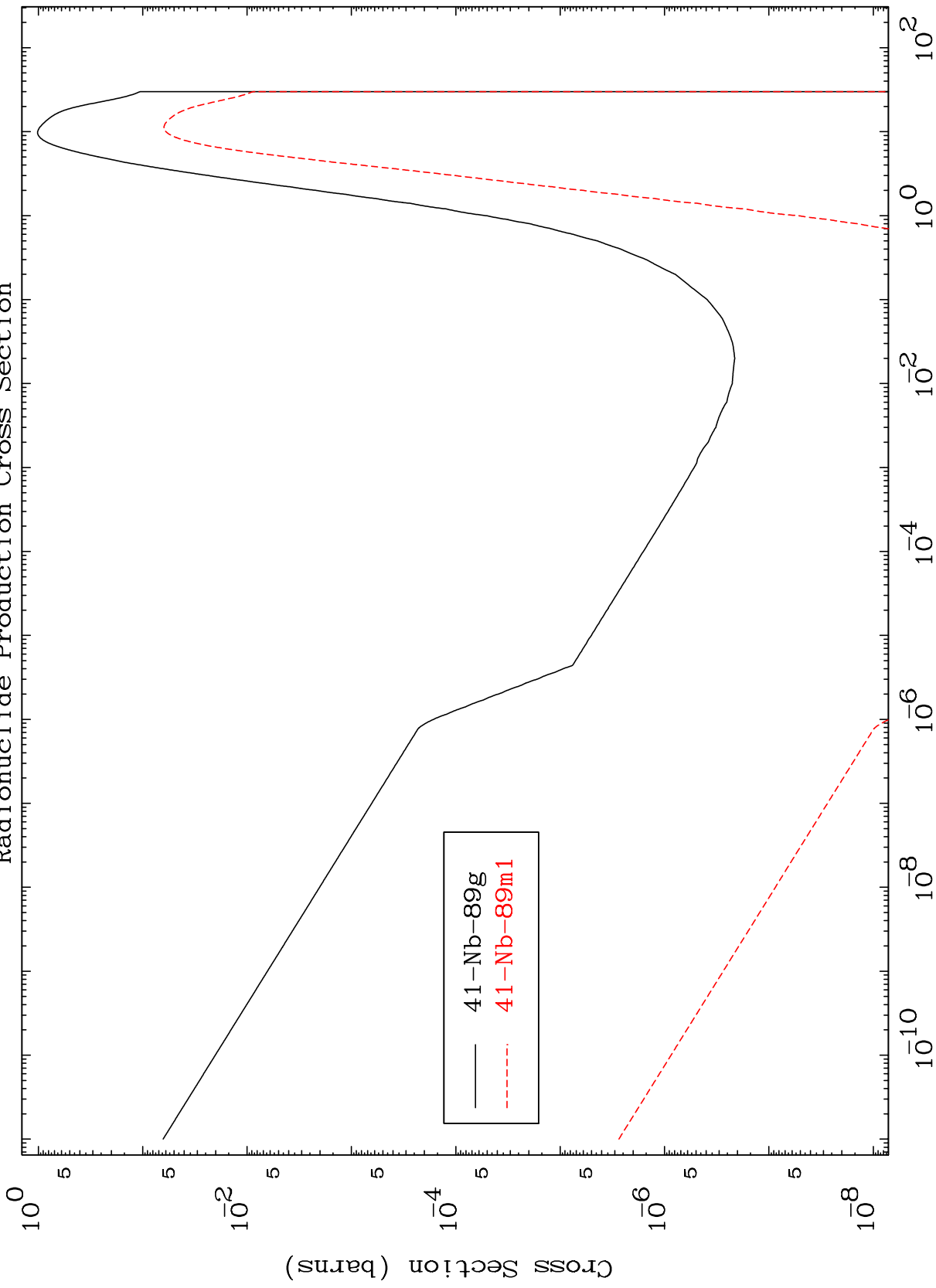
— 39-Y -83g  
- - - 39-Y -83m1



MAT 4298

43-Tc-90

(n,2p)  
Radionuclide Production Cross Section



64

Incident Energy (MeV)

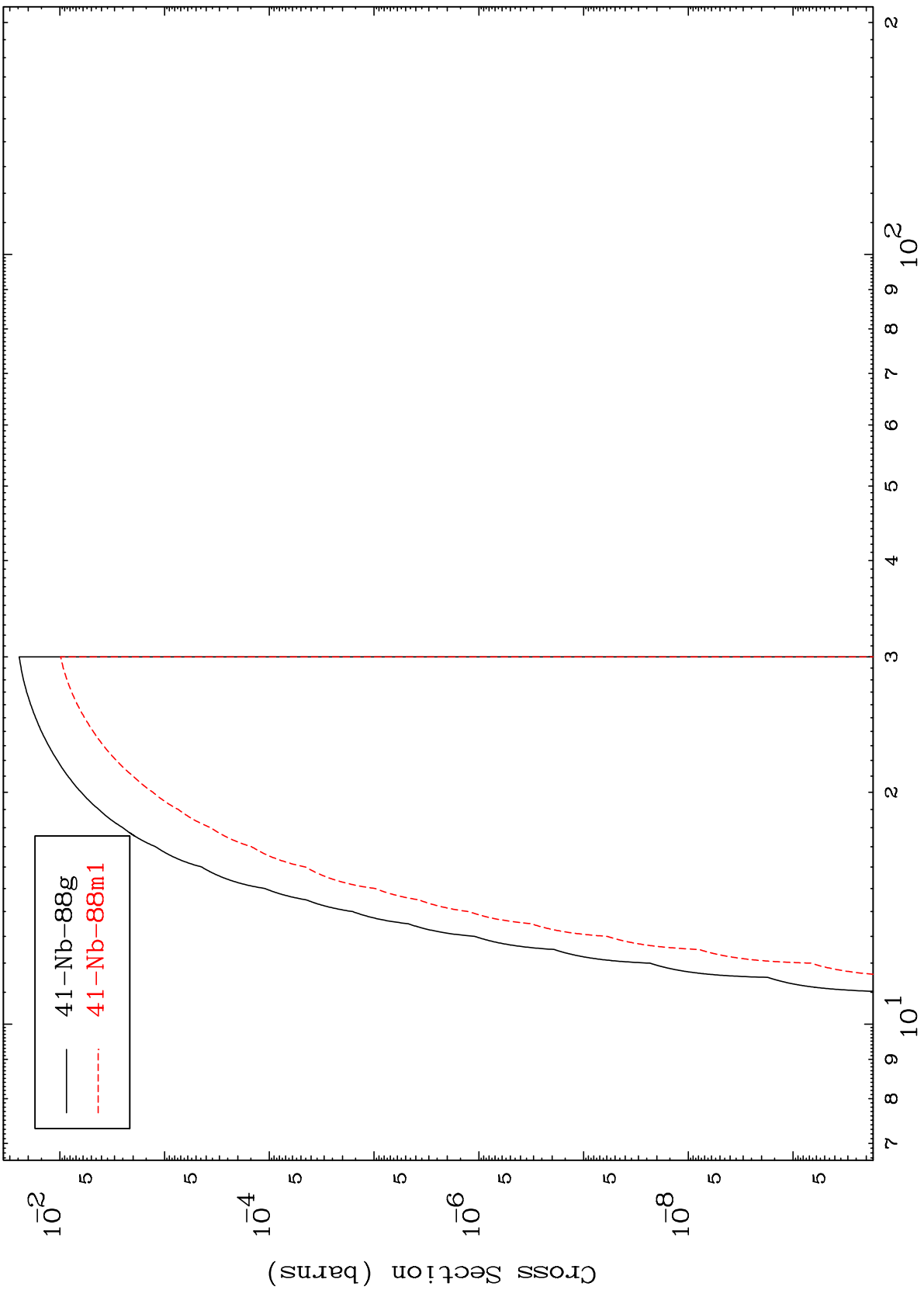
43-Tc-90

MAT 4298

(n,p) d

43-Tc-90

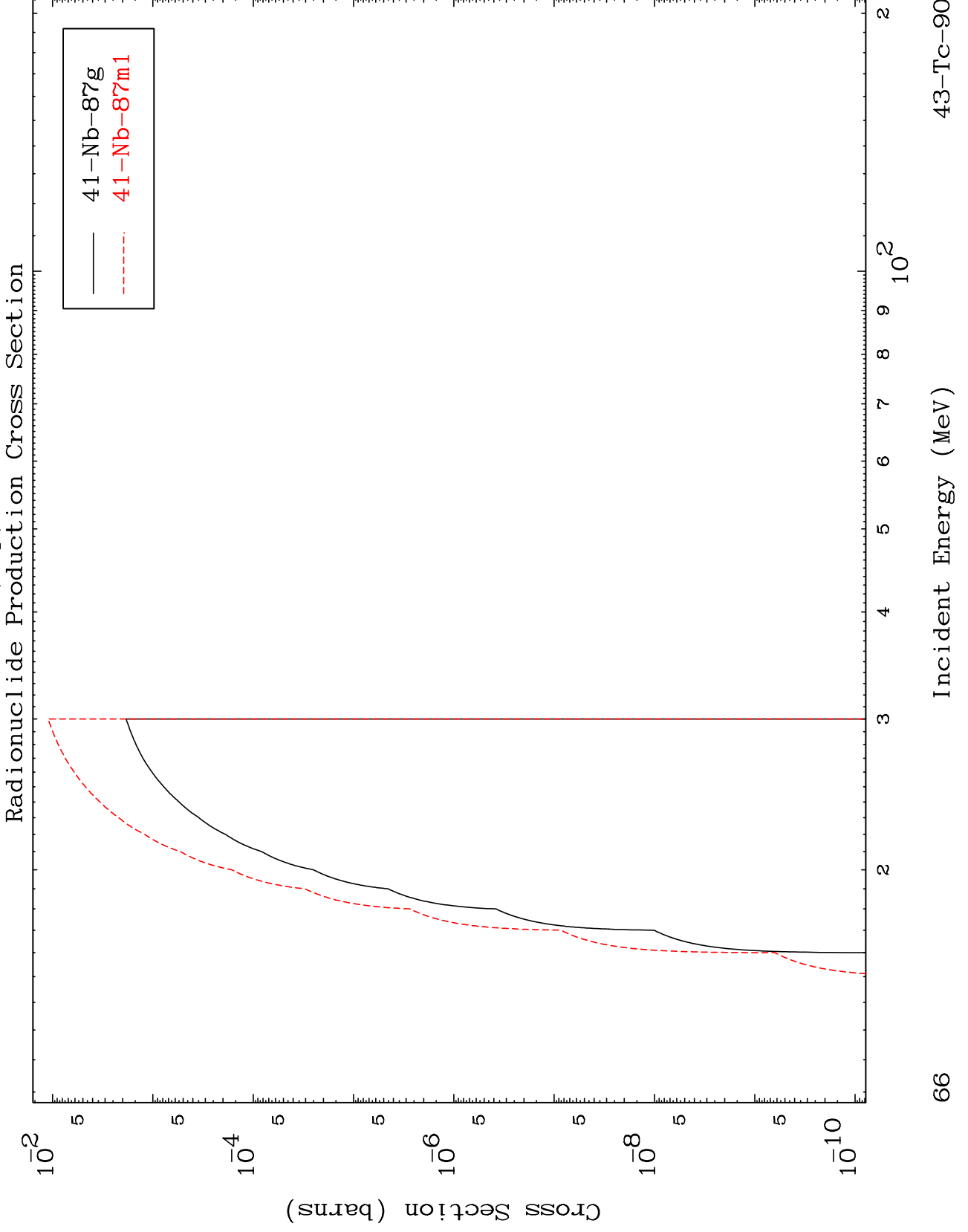
Radionuclide Production Cross Section



65

Incident Energy (MeV)

43-Tc-90

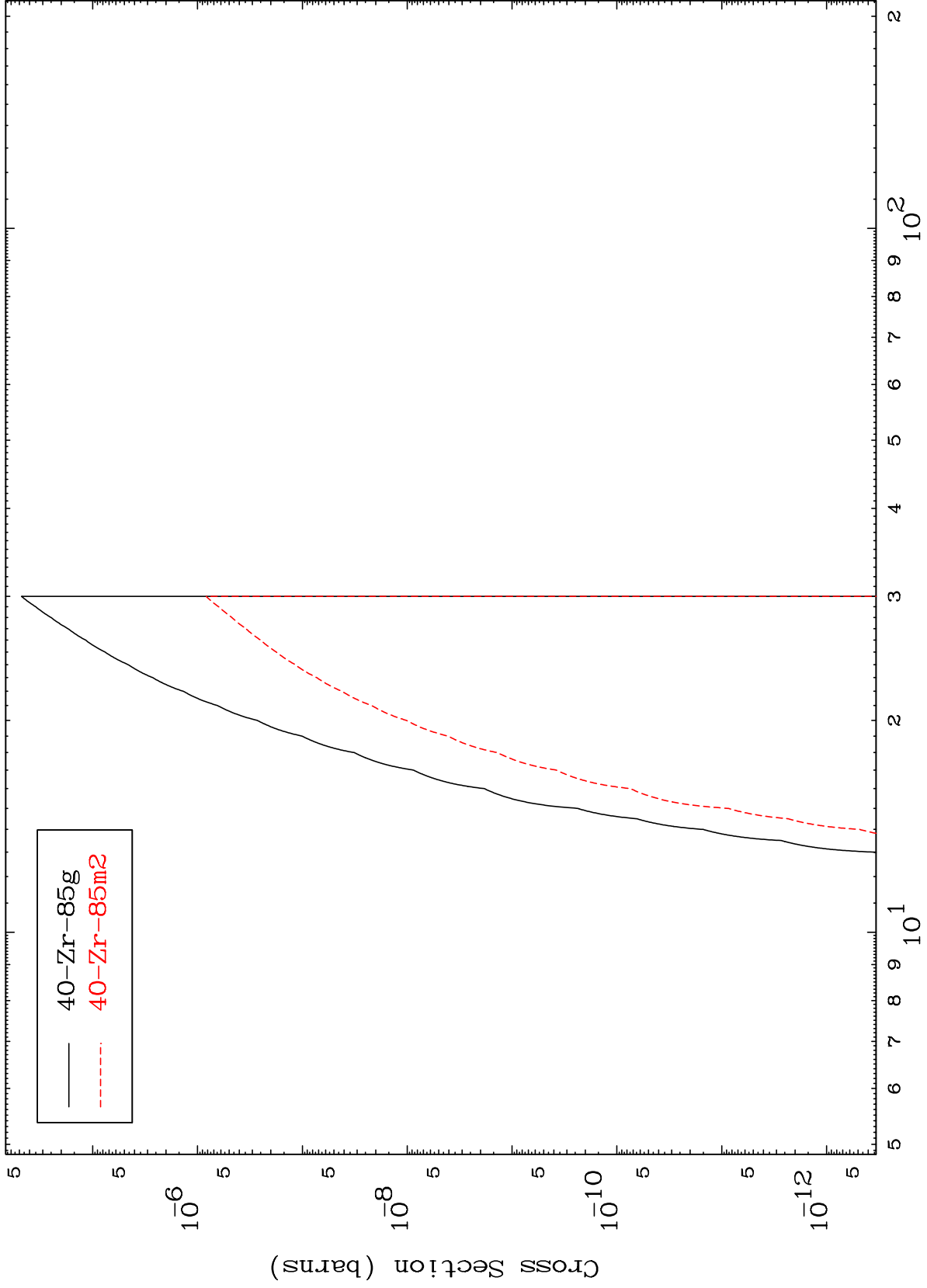


MAT 4298

(n,d)  $\alpha$

43-Tc-90

Radionuclide Production Cross Section



67

Incident Energy (MeV)

43-Tc-90