

Program EVALPLOT  
(Version 2015-2)

by

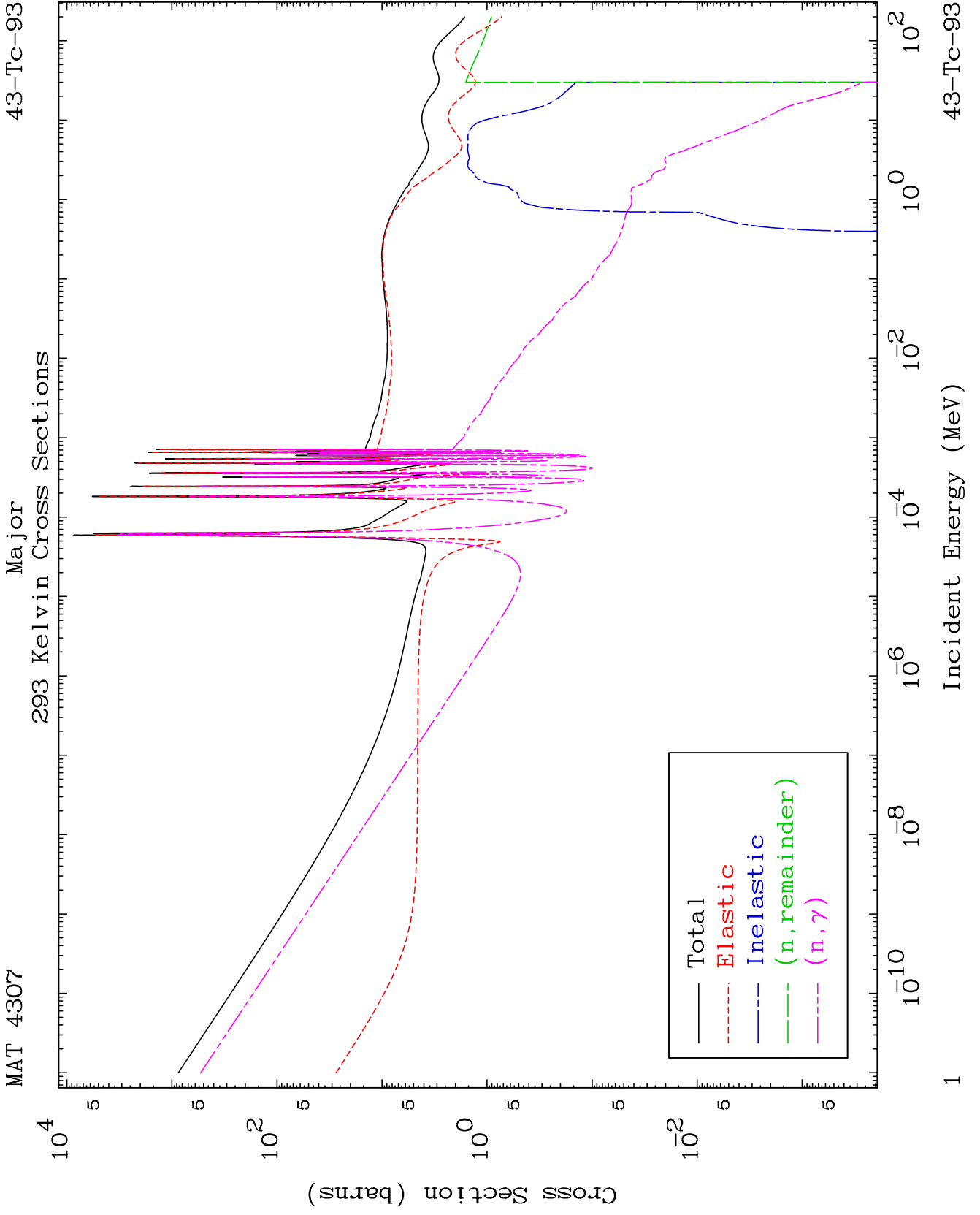
Dermott E. Cullen  
(Present Contact Information)

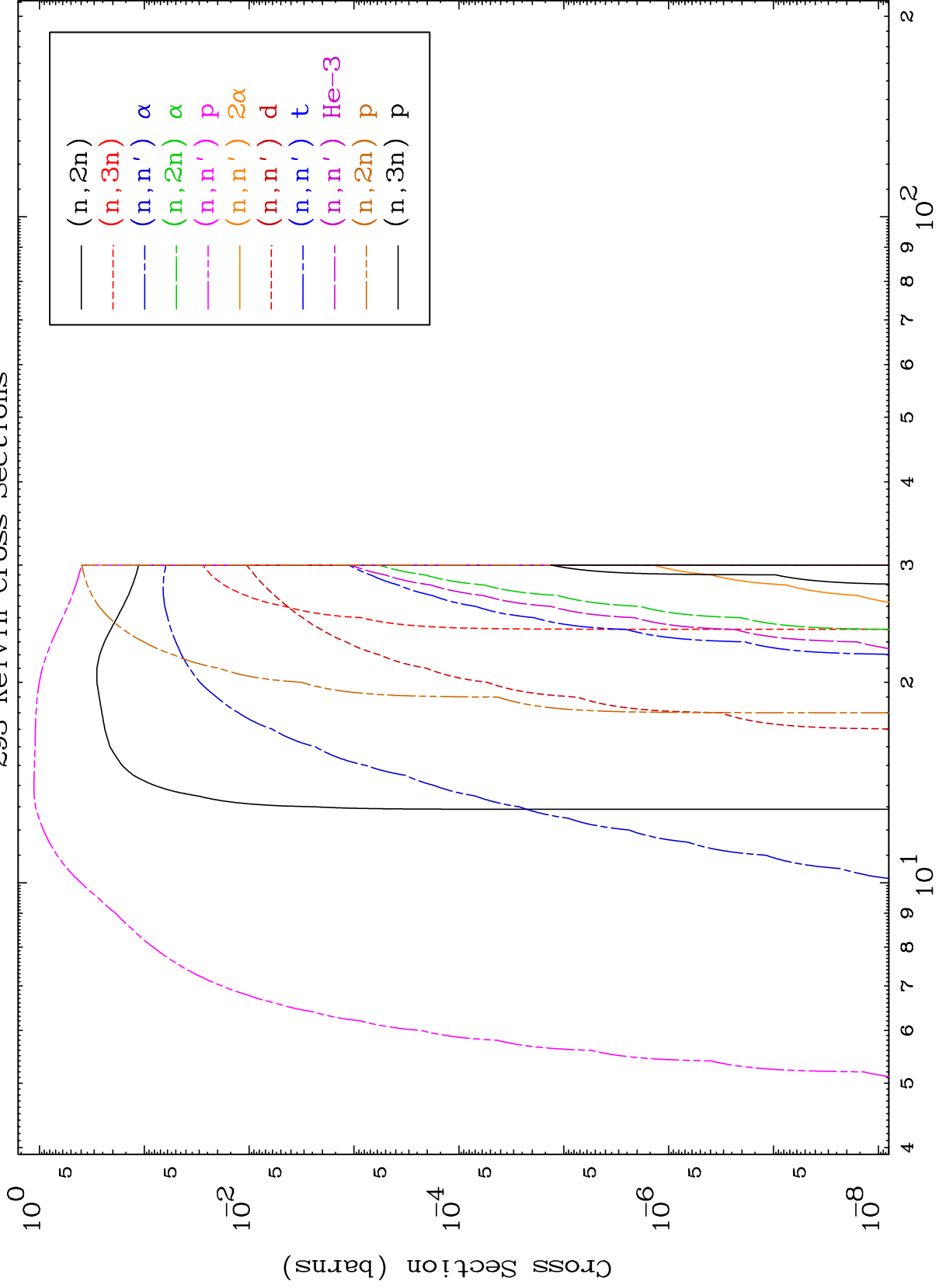
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Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

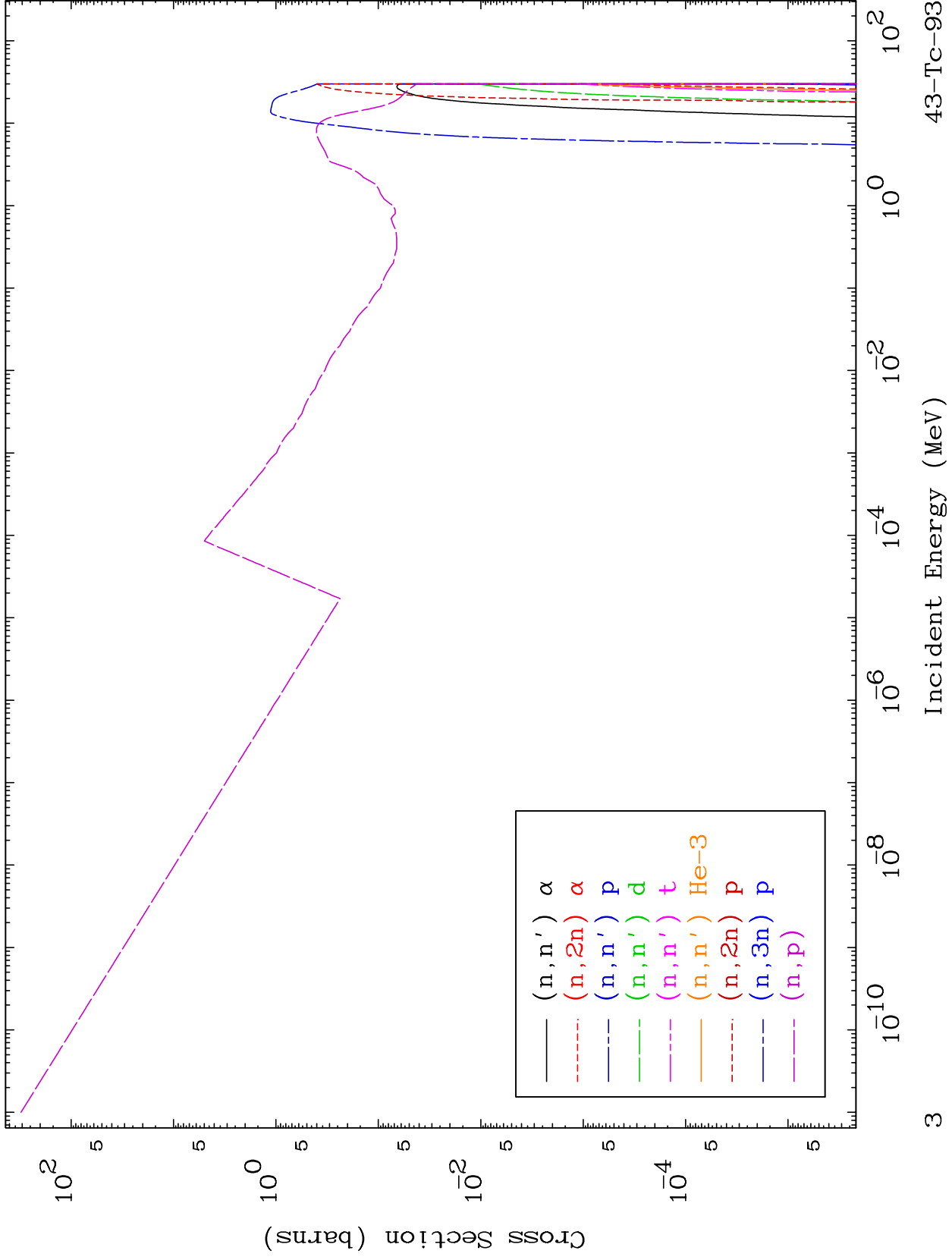




MAT 4307

Charged Particle  
293 Kelvin Cross Sections

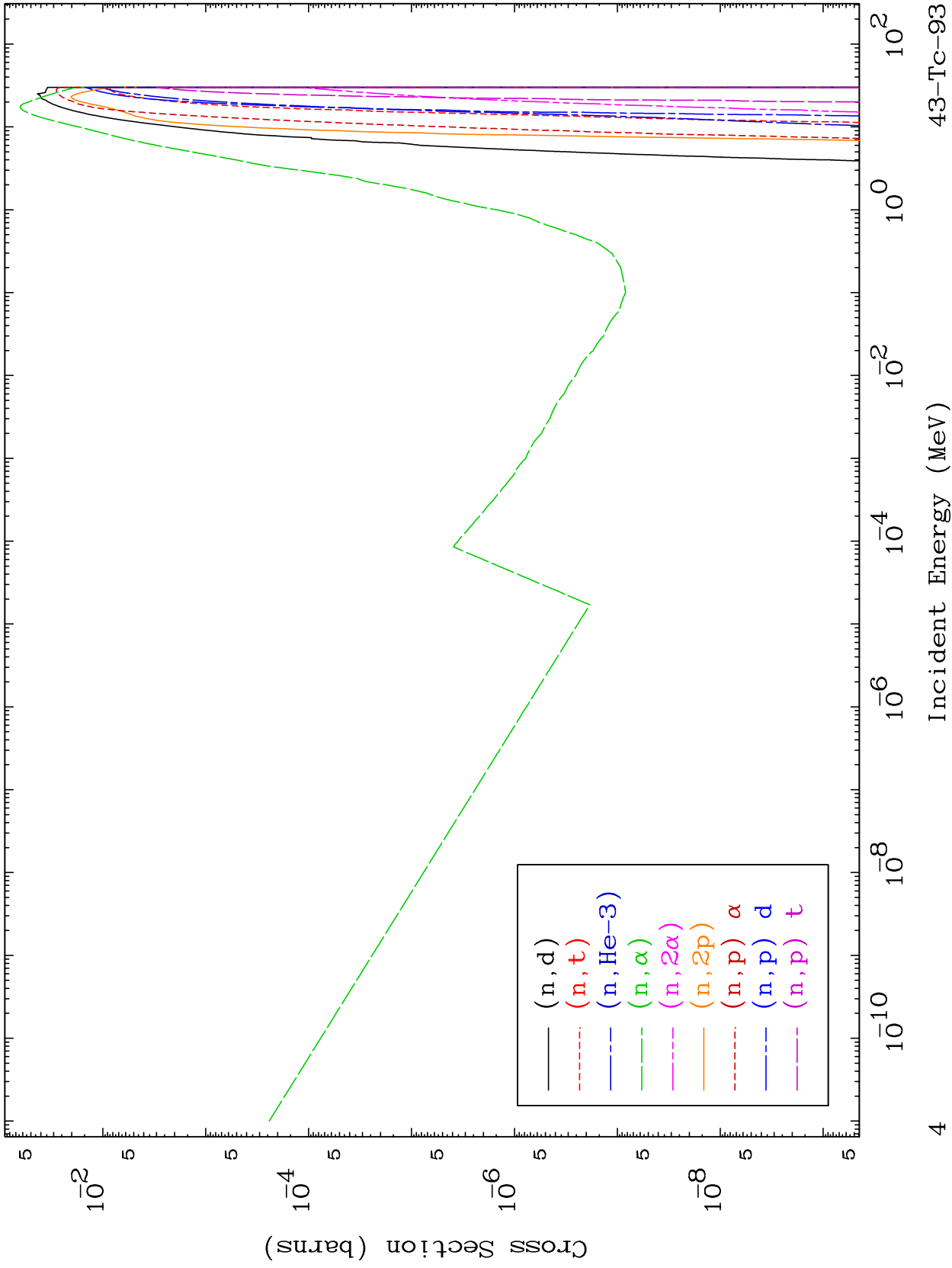
43-Tc-93



MAT 4307

Charged Particle  
293 Kelvin Cross Sections

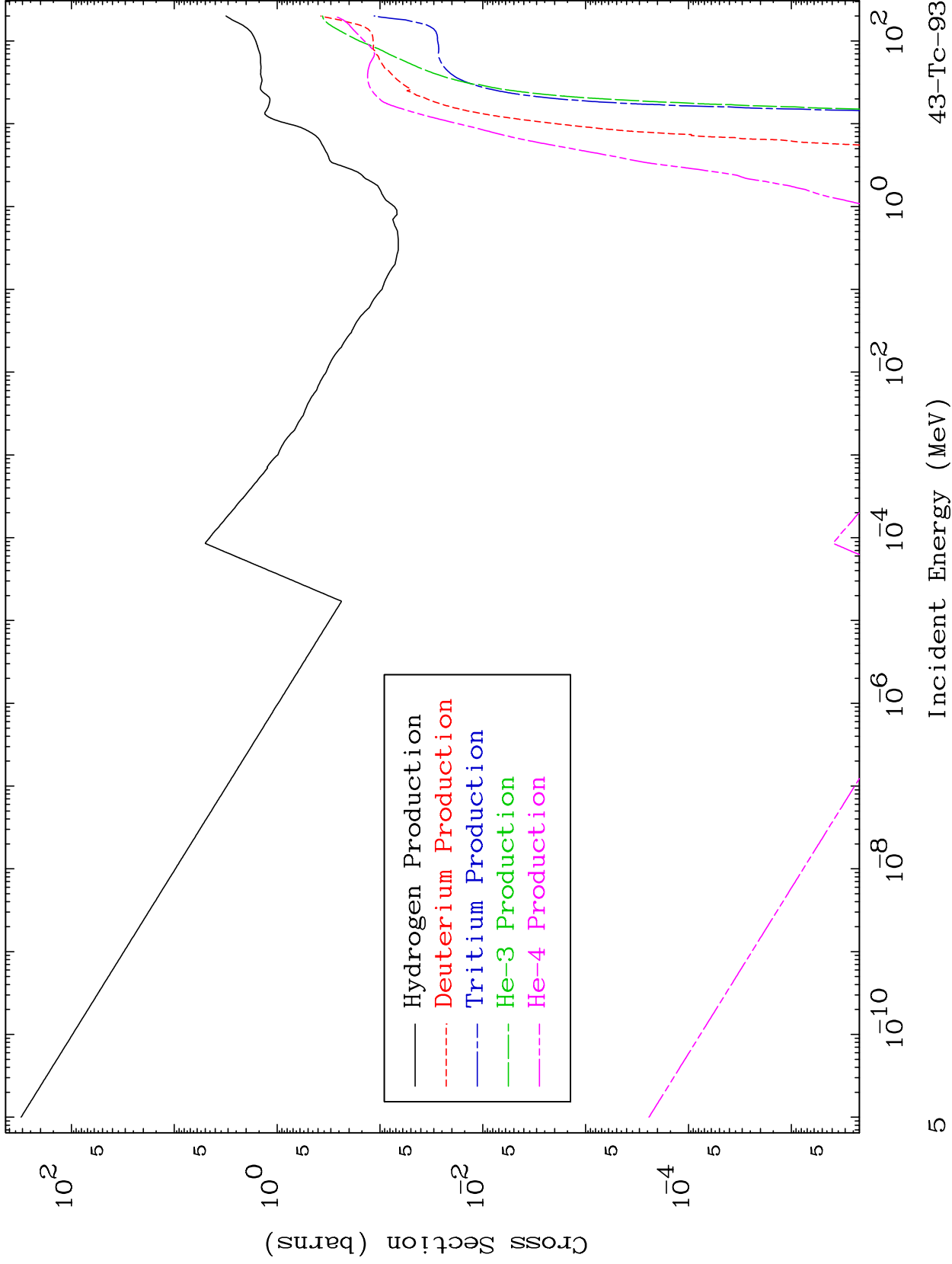
43-Tc-93



MAT 4307

Particle Production  
293 Kelvin Cross Sections

43-Tc-93

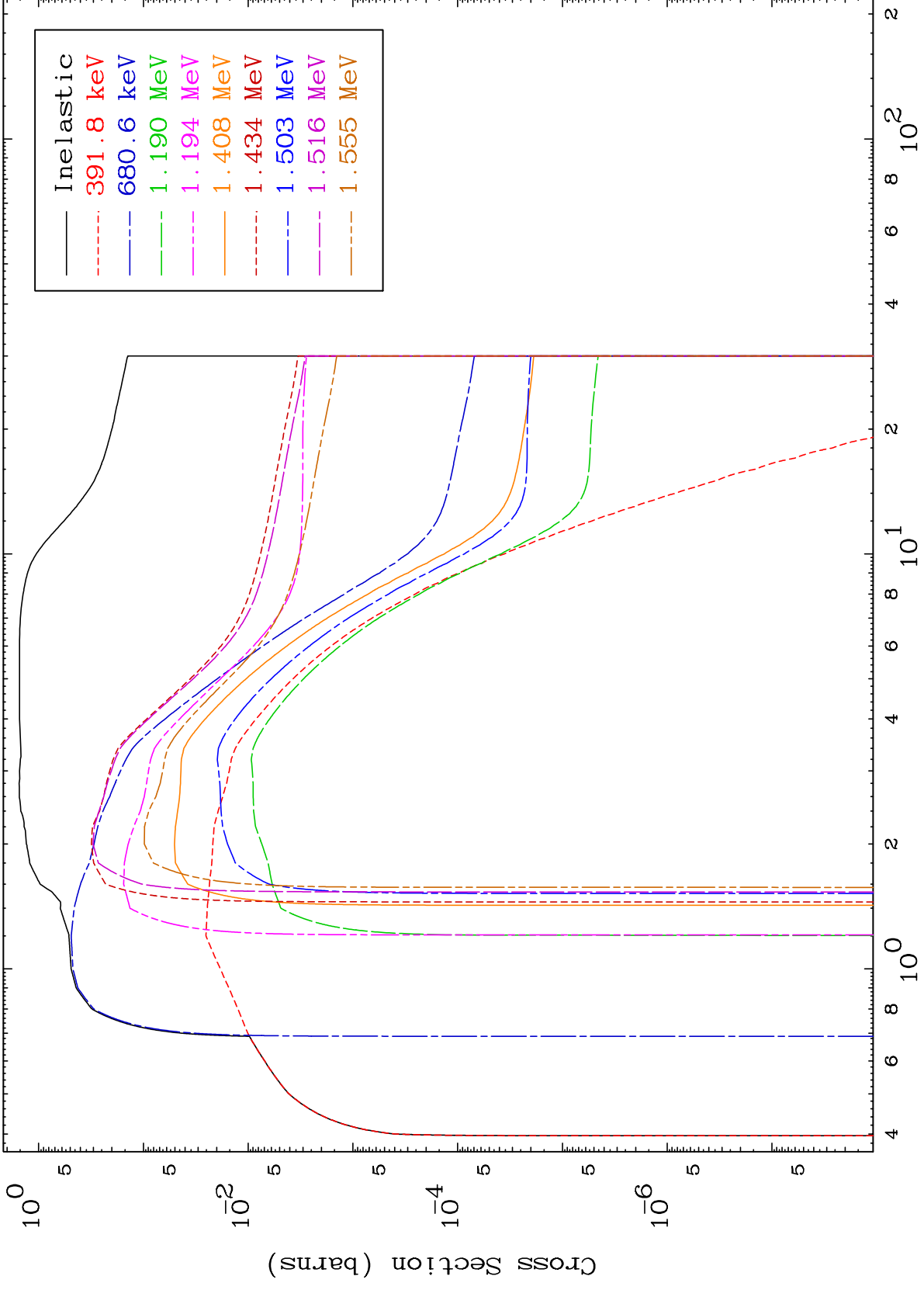


MAT 4307

(n,n') Level

43-Tc-93

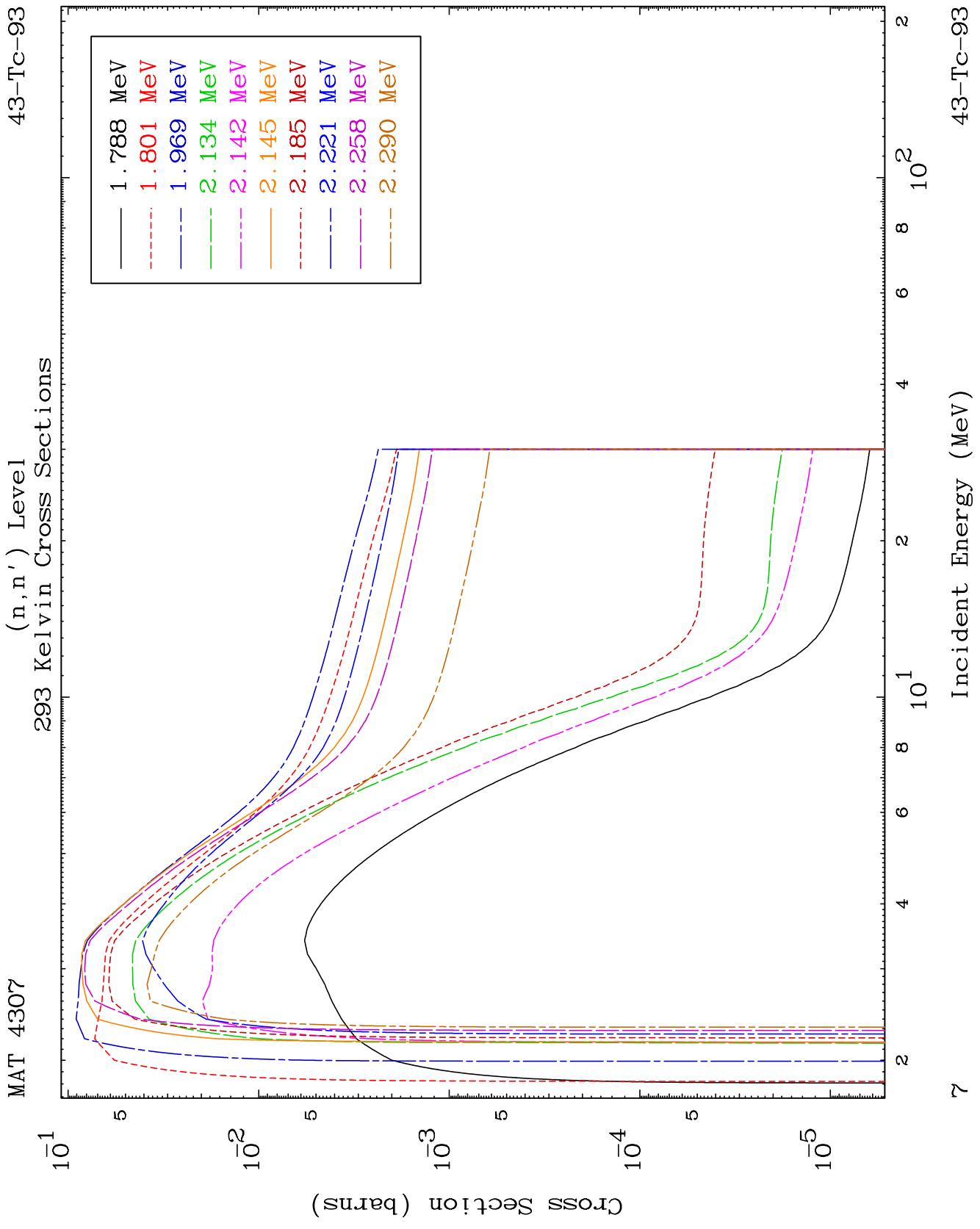
293 Kelvin Cross Sections



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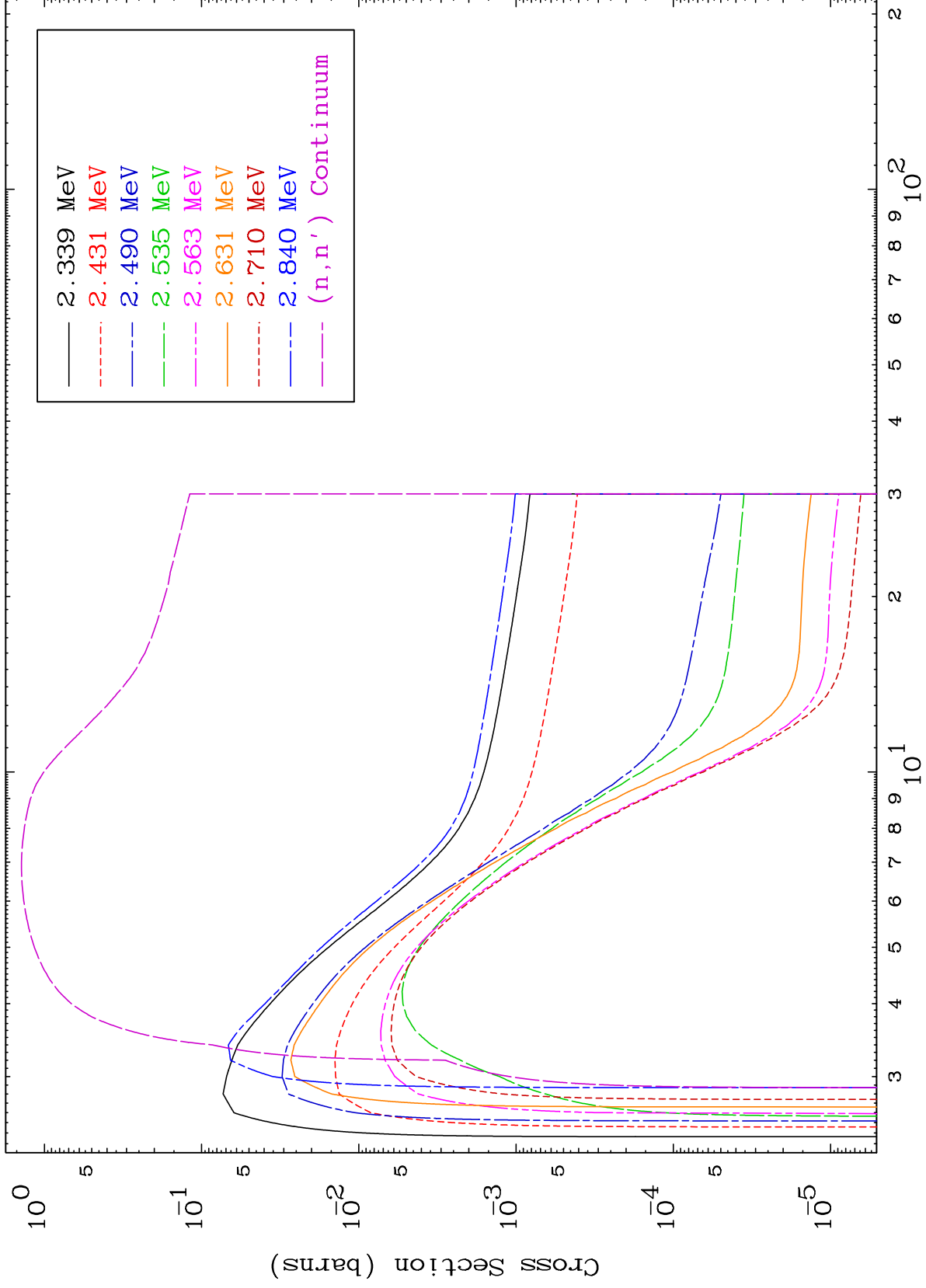
Incident Energy (MeV)

43-Tc-93





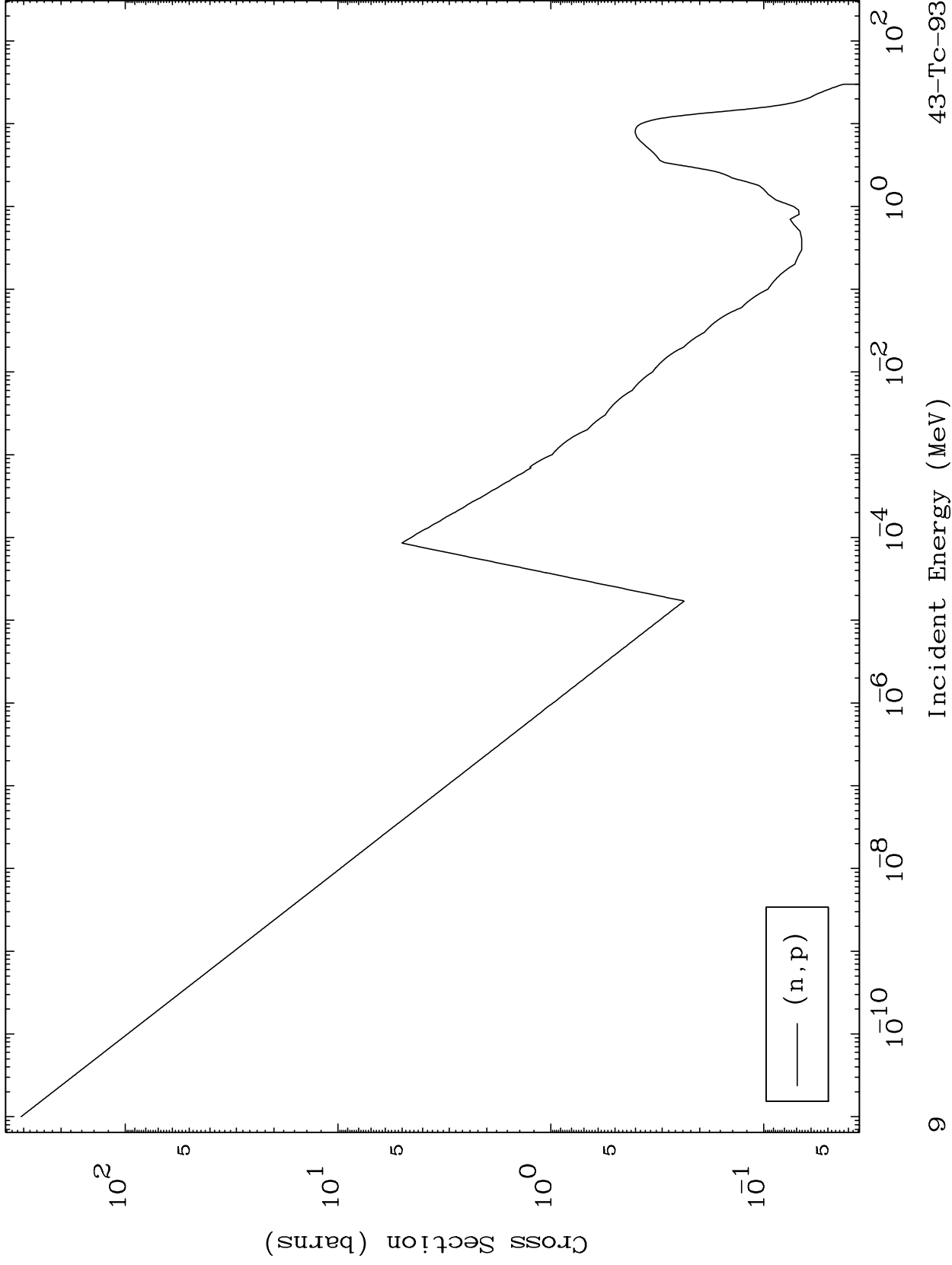
293 Kelvin Cross Sections



MAT 4307

(n,p) Levels  
293 Kelvin Cross Sections

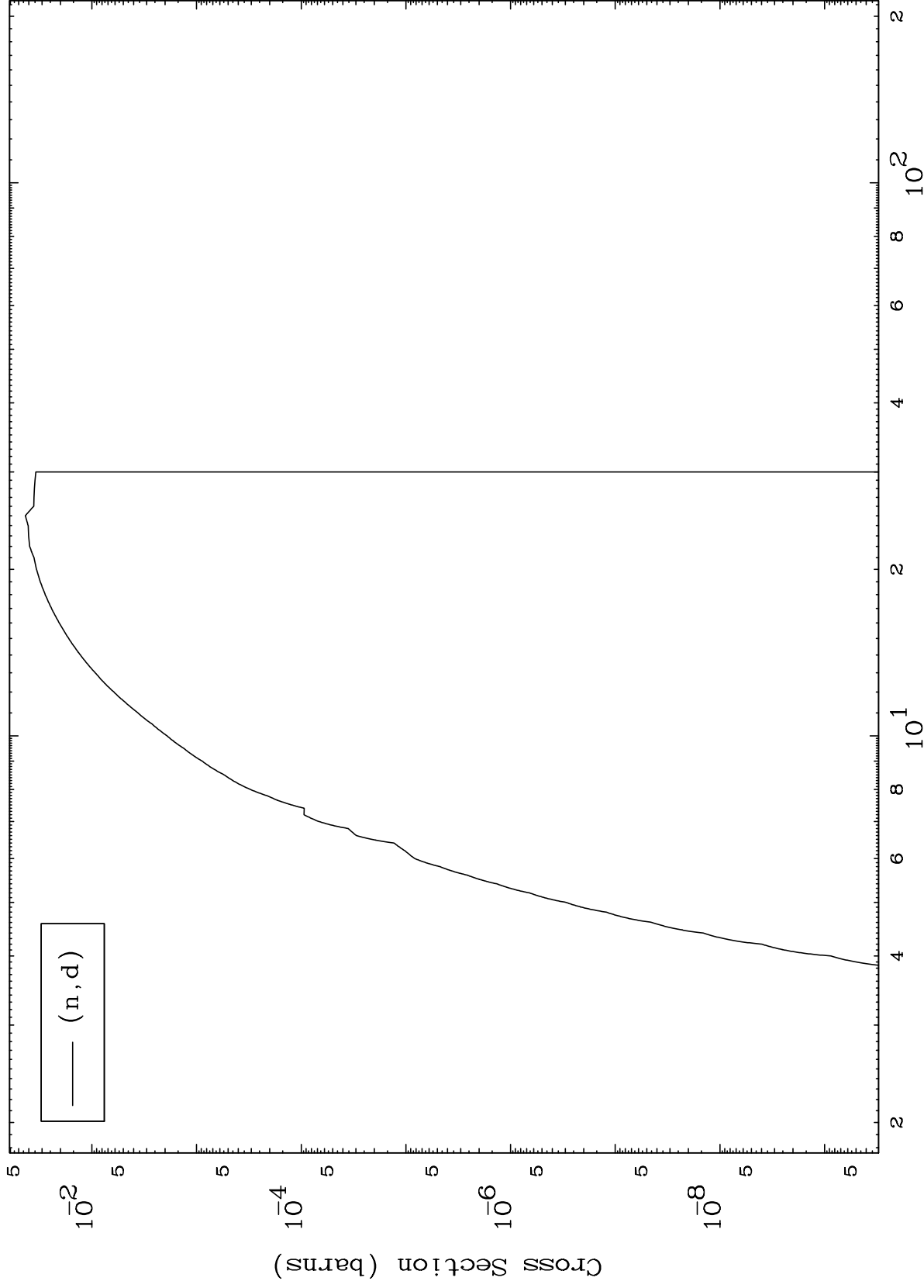
43-Tc-93



MAT 4307

(n,d) Levels  
293 Kelvin Cross Sections

43-Tc-93



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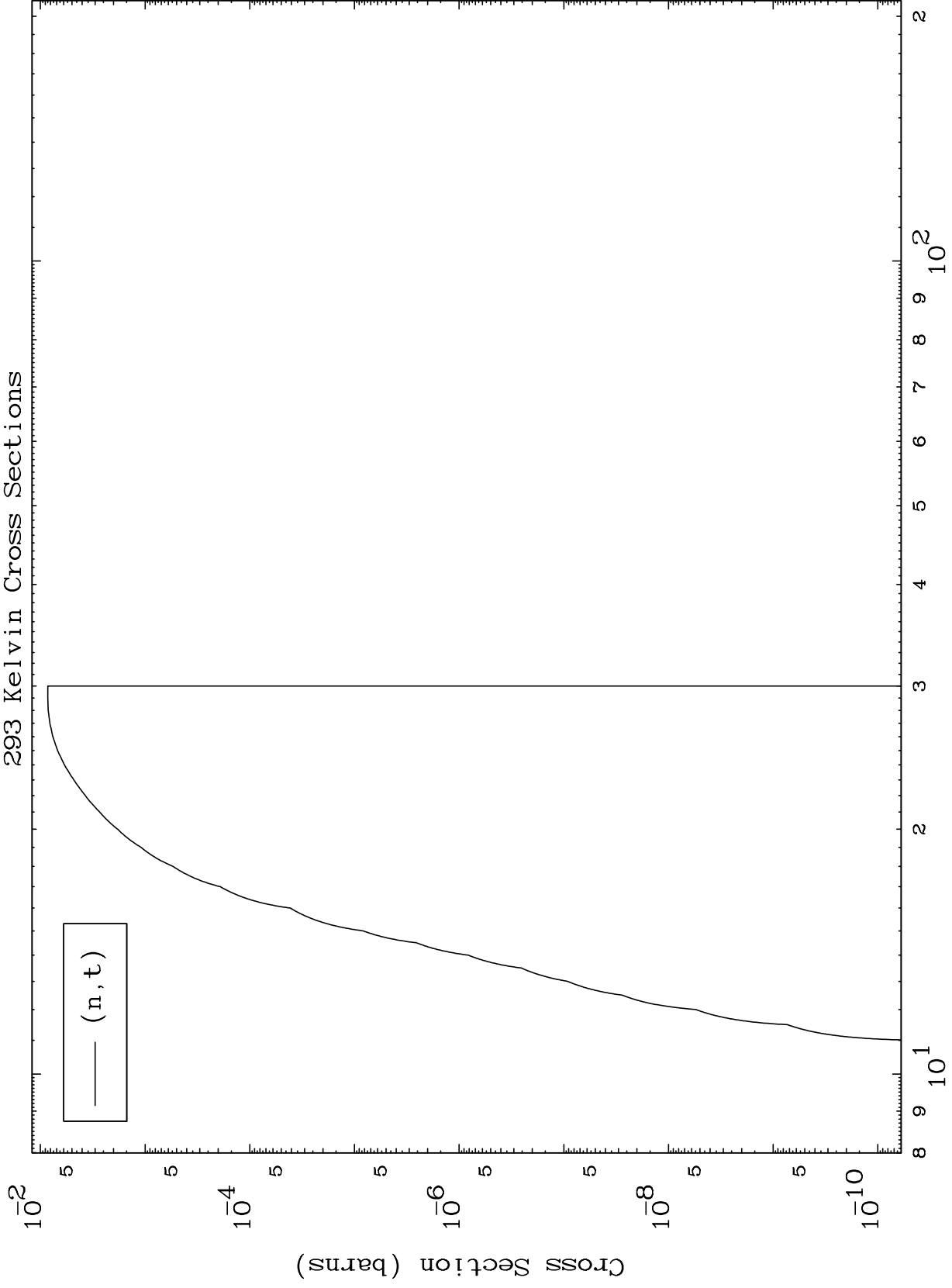
Incident Energy (MeV)

43-Tc-93

MAT 4307

(n,t) Levels  
293 Kelvin Cross Sections

43-Tc-93



11

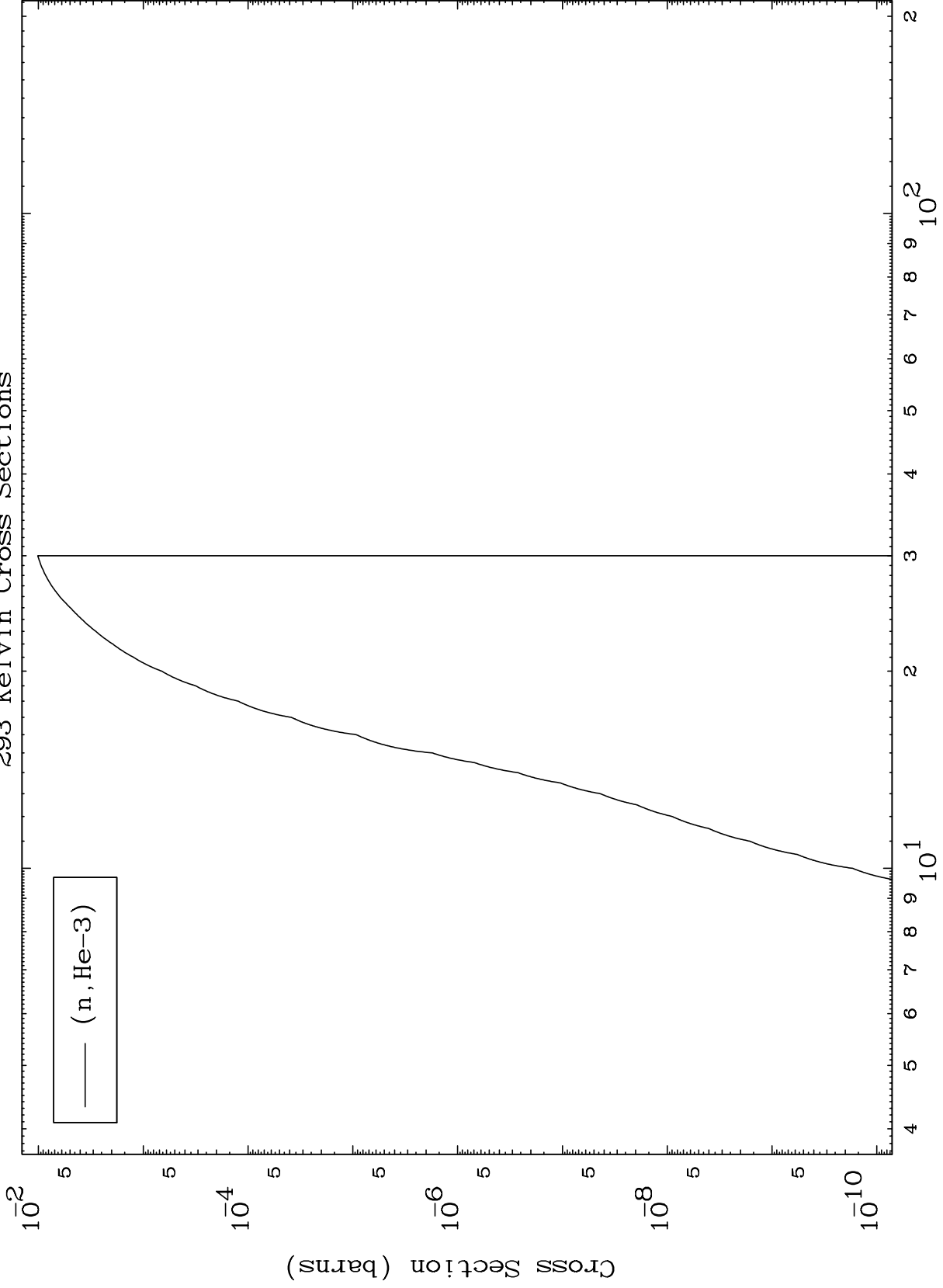
Incident Energy (MeV)

43-Tc-93

MAT 4307

(n,He3) Levels  
293 Kelvin Cross Sections

43-Tc-93



12

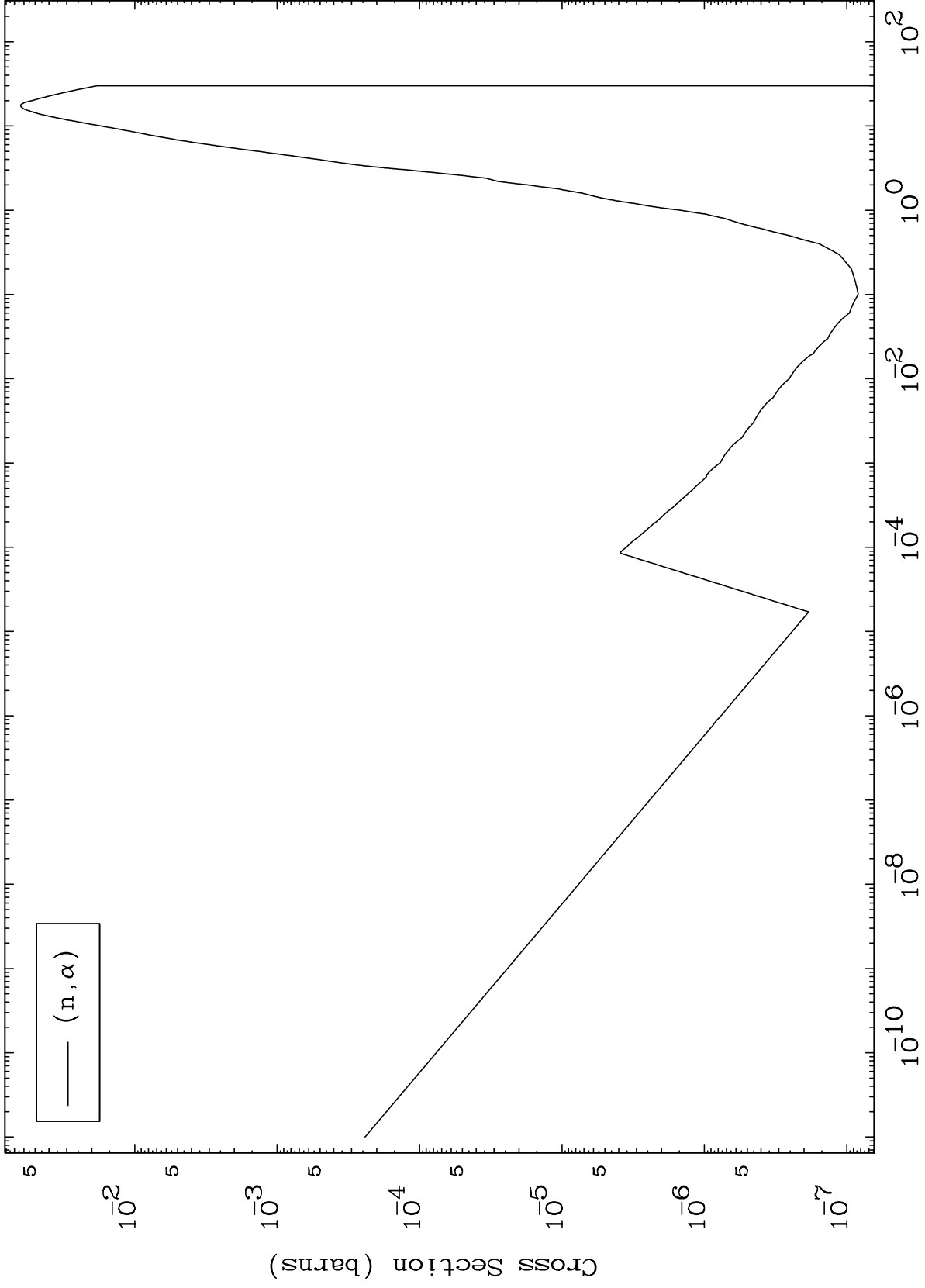
Incident Energy (MeV)

43-Tc-93

MAT 4307

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

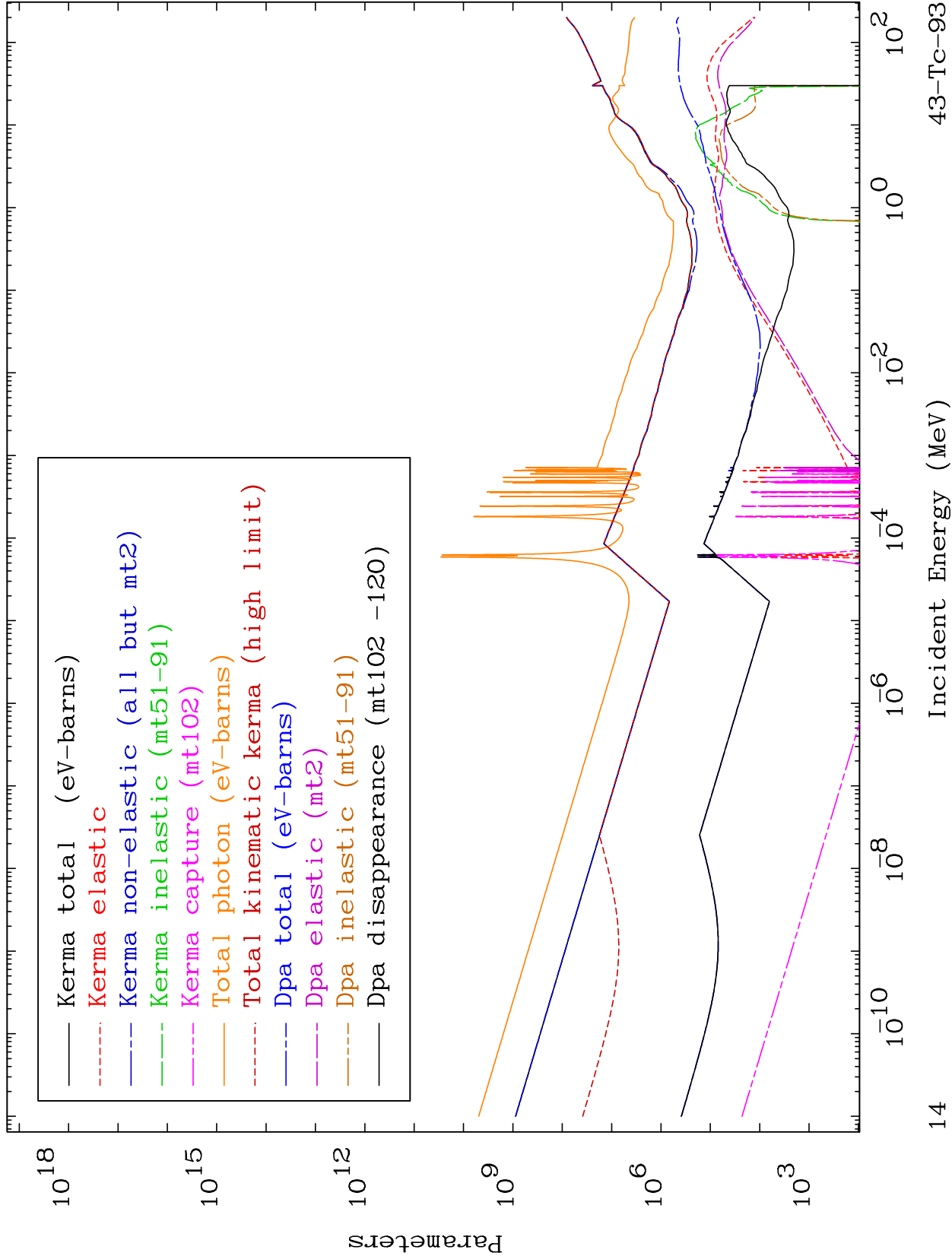
43-Tc-93



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Incident Energy (MeV)

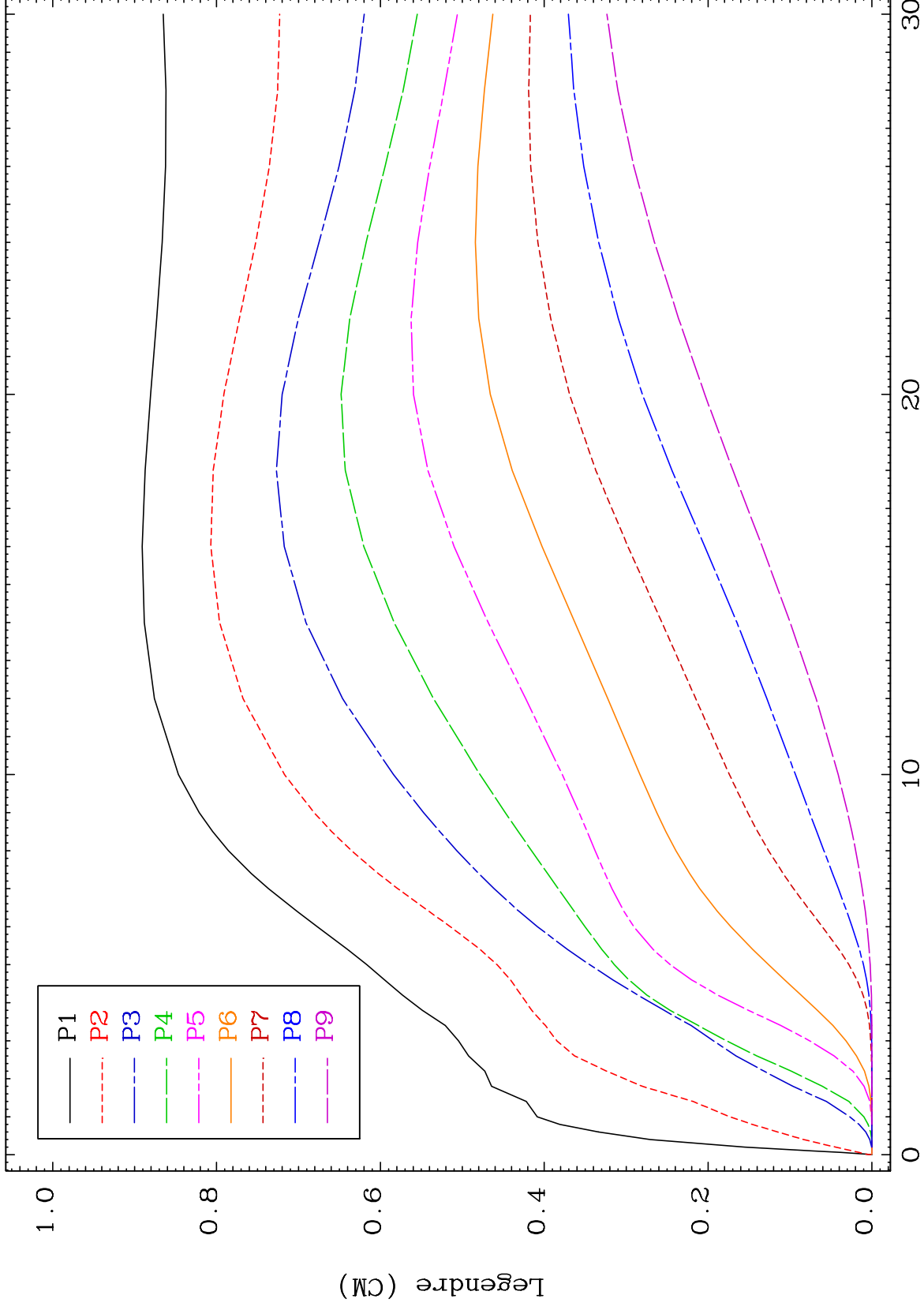
43-Tc-93



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Elastic Legendre Coefficients

43-Tc-93



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Incident Energy (MeV)

43-Tc-93

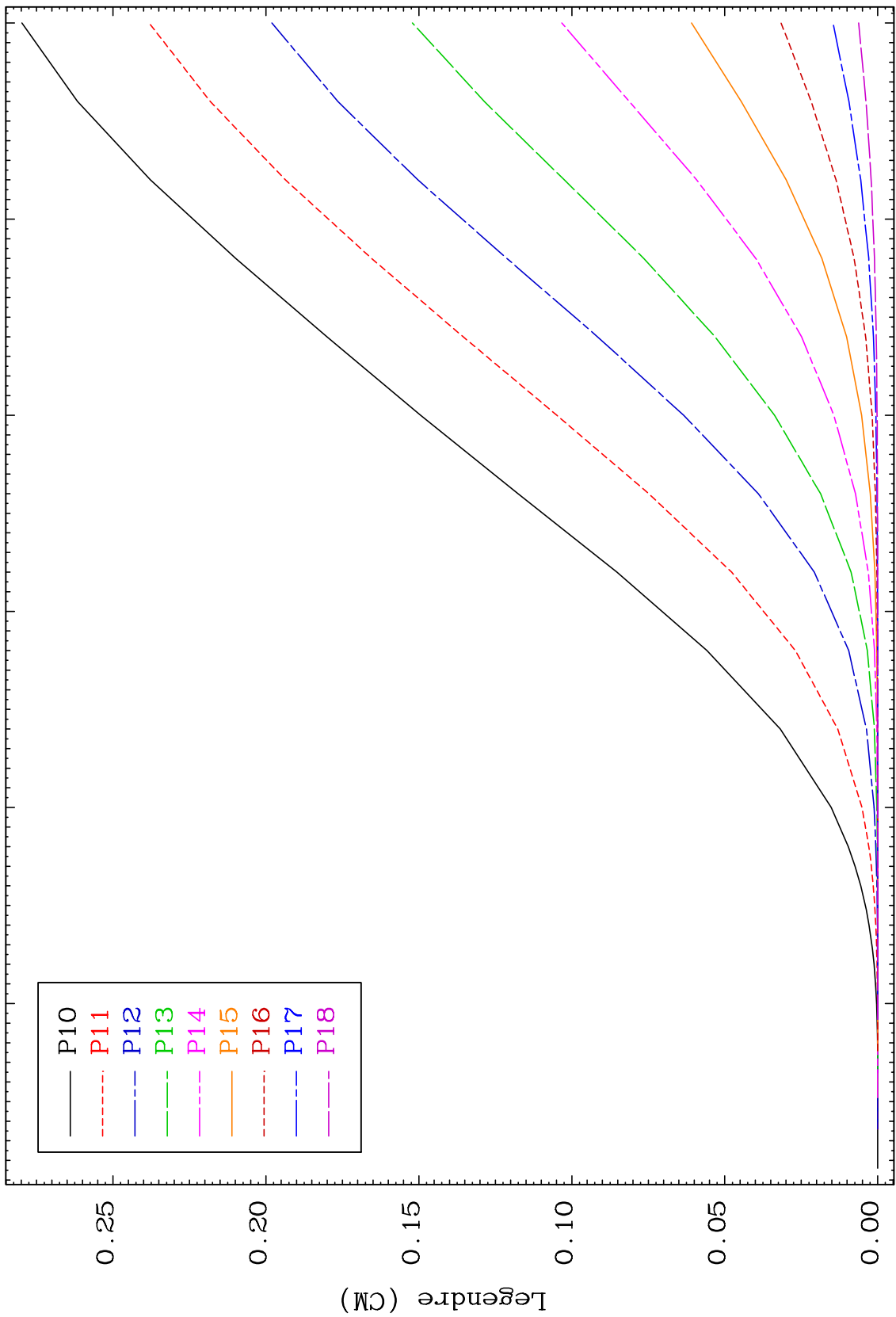
30



MAT 4307

Elastic Legendre Coefficients

43-Tc-93



16

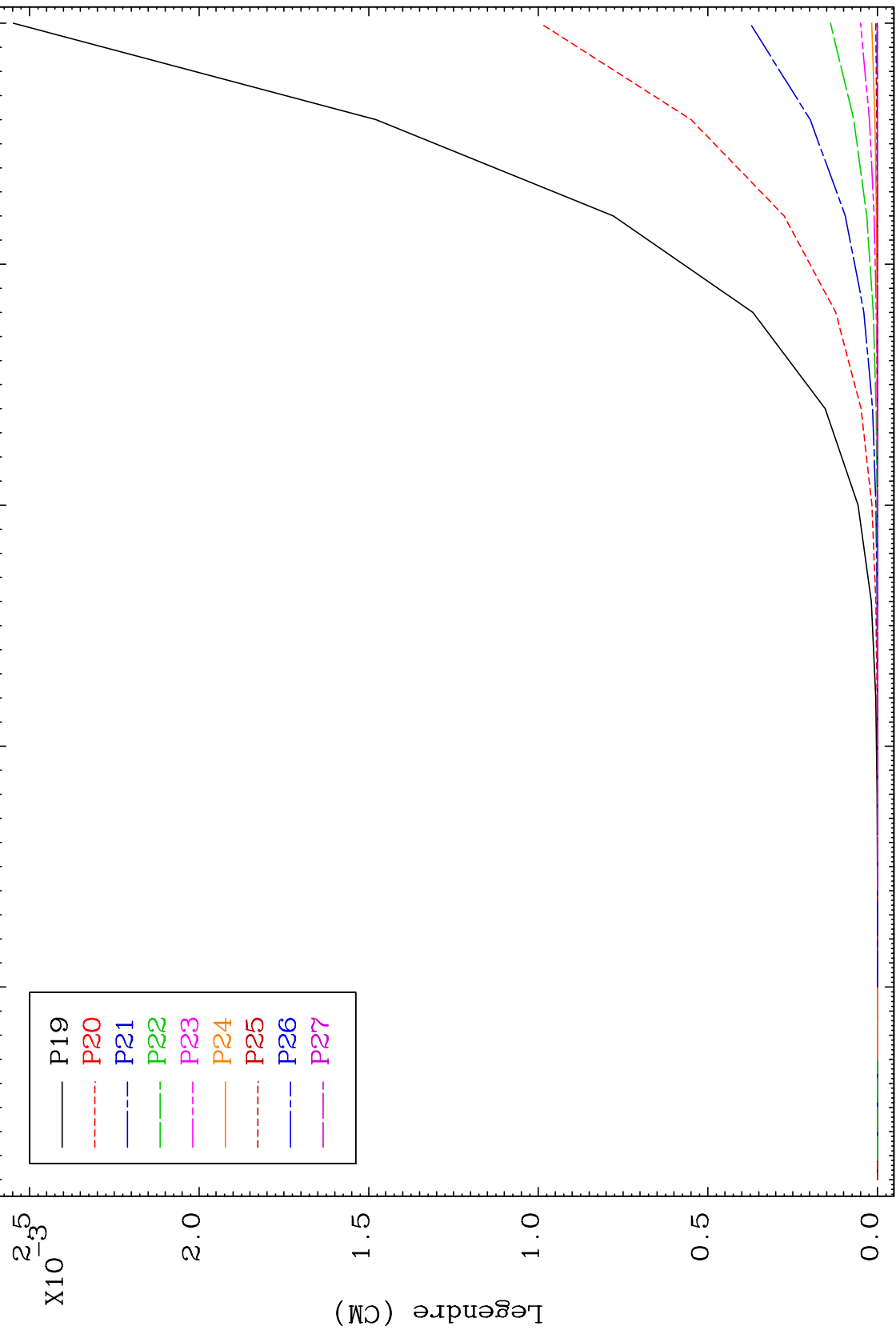
Incident Energy (MeV)

43-Tc-93

MAT 4307

Elastic Legendre Coefficients

43-Tc-93



17

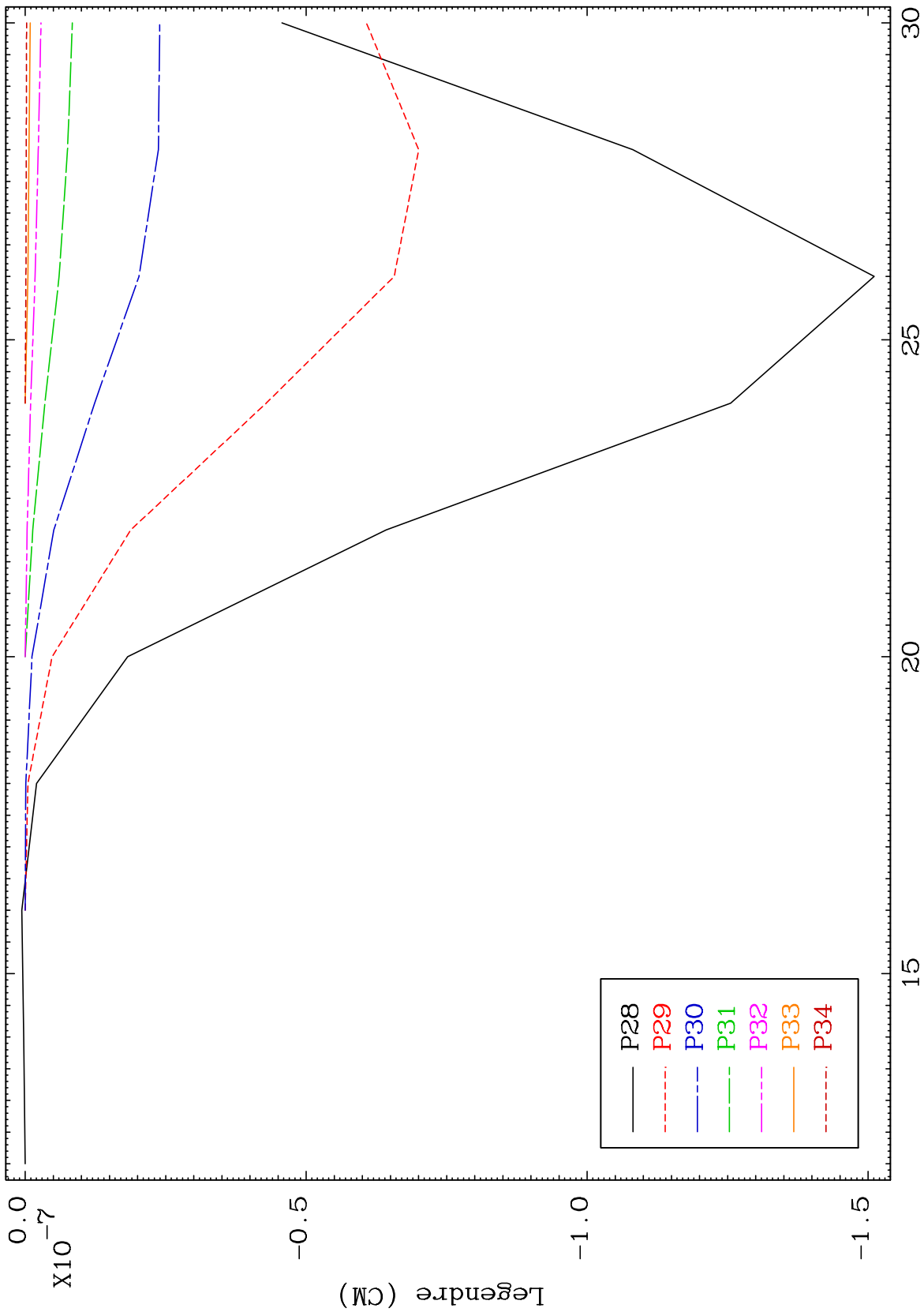
Incident Energy (MeV)

43-Tc-93

MAT 4307

43-Tc-93

Elastic Legendre Coefficients



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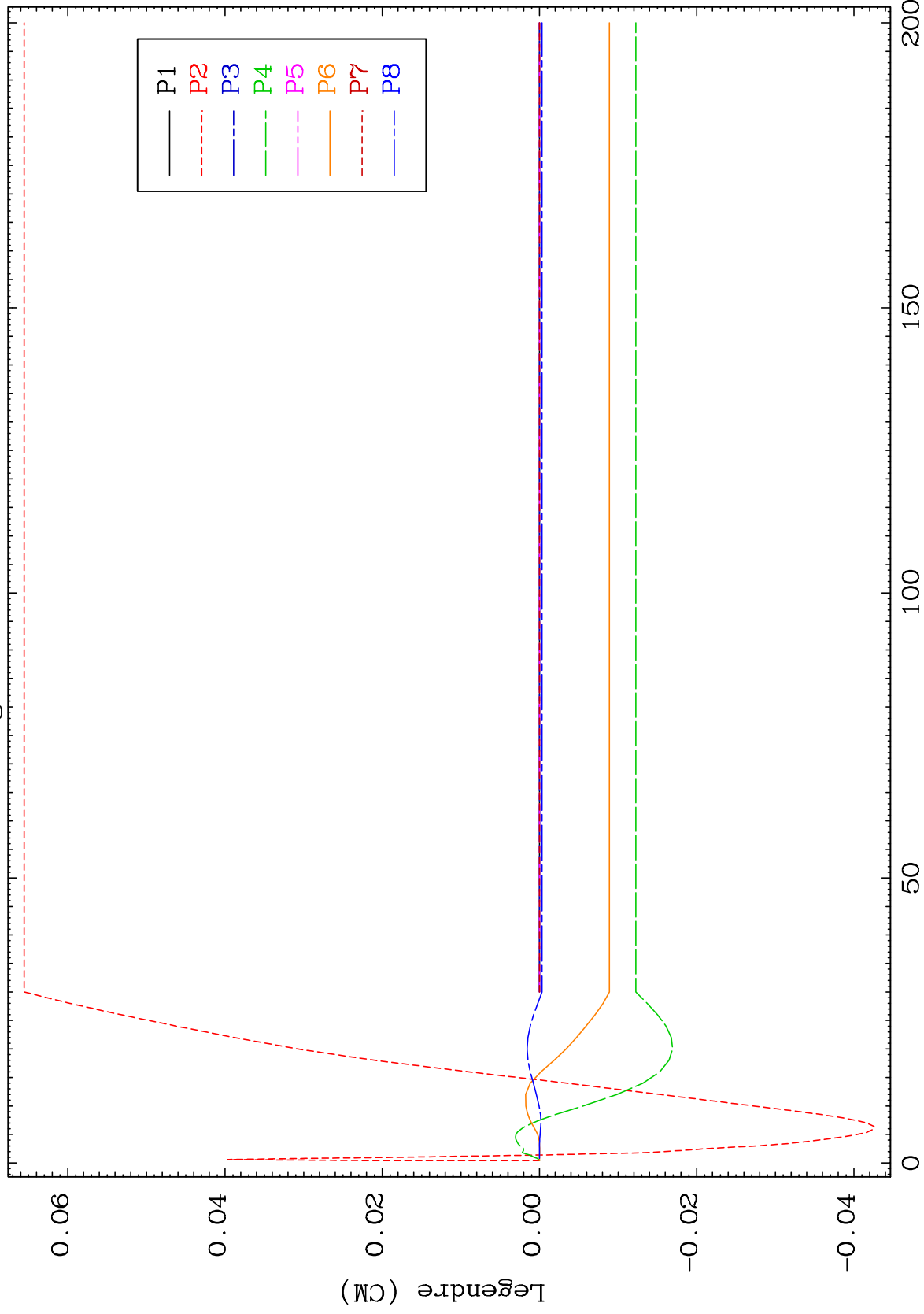
Incident Energy (MeV)

43-Tc-93

MAT 4307

391.8 keV (n,n') Level  
Legendre Coefficients

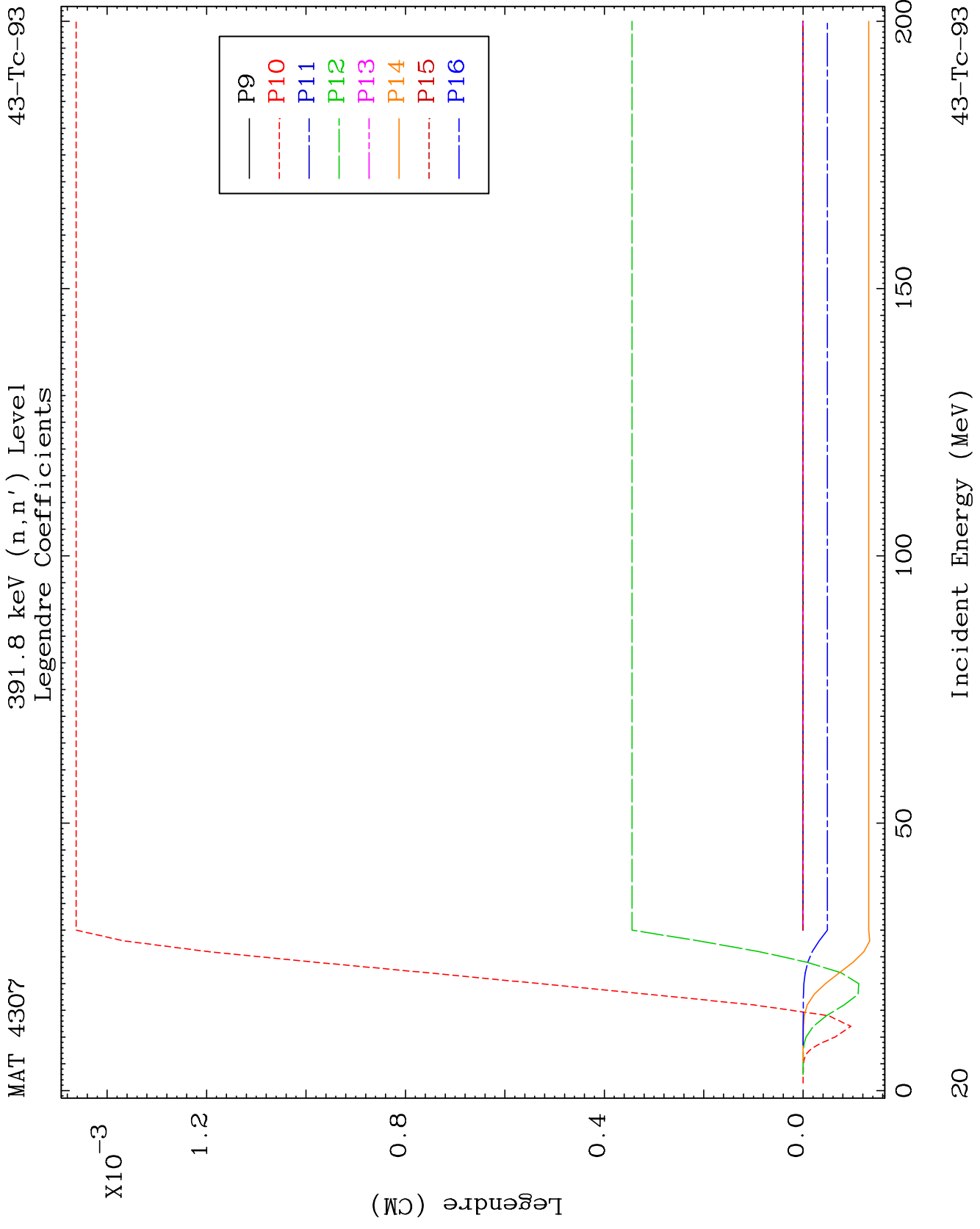
43-Tc-93

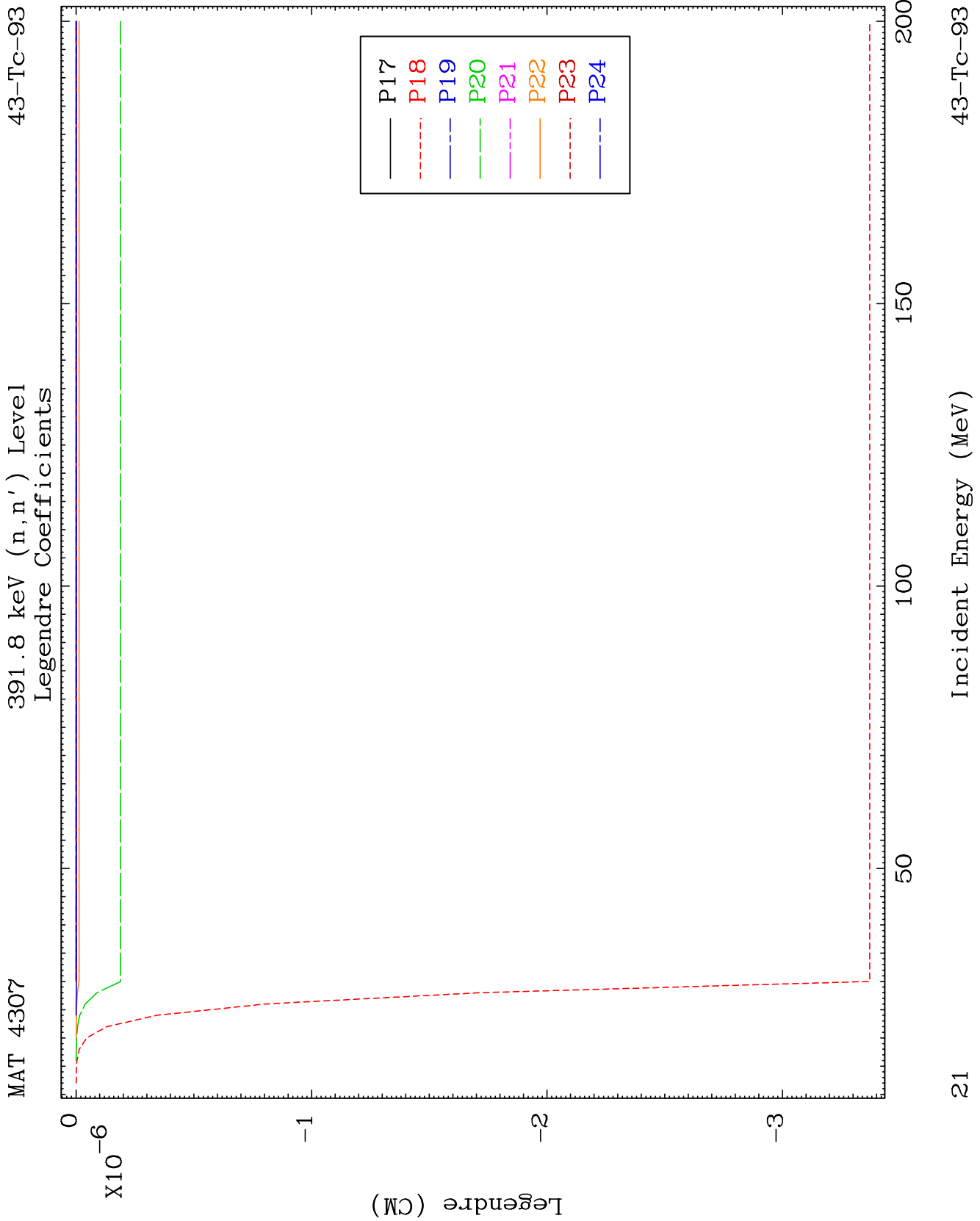


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Incident Energy (MeV)

43-Tc-93

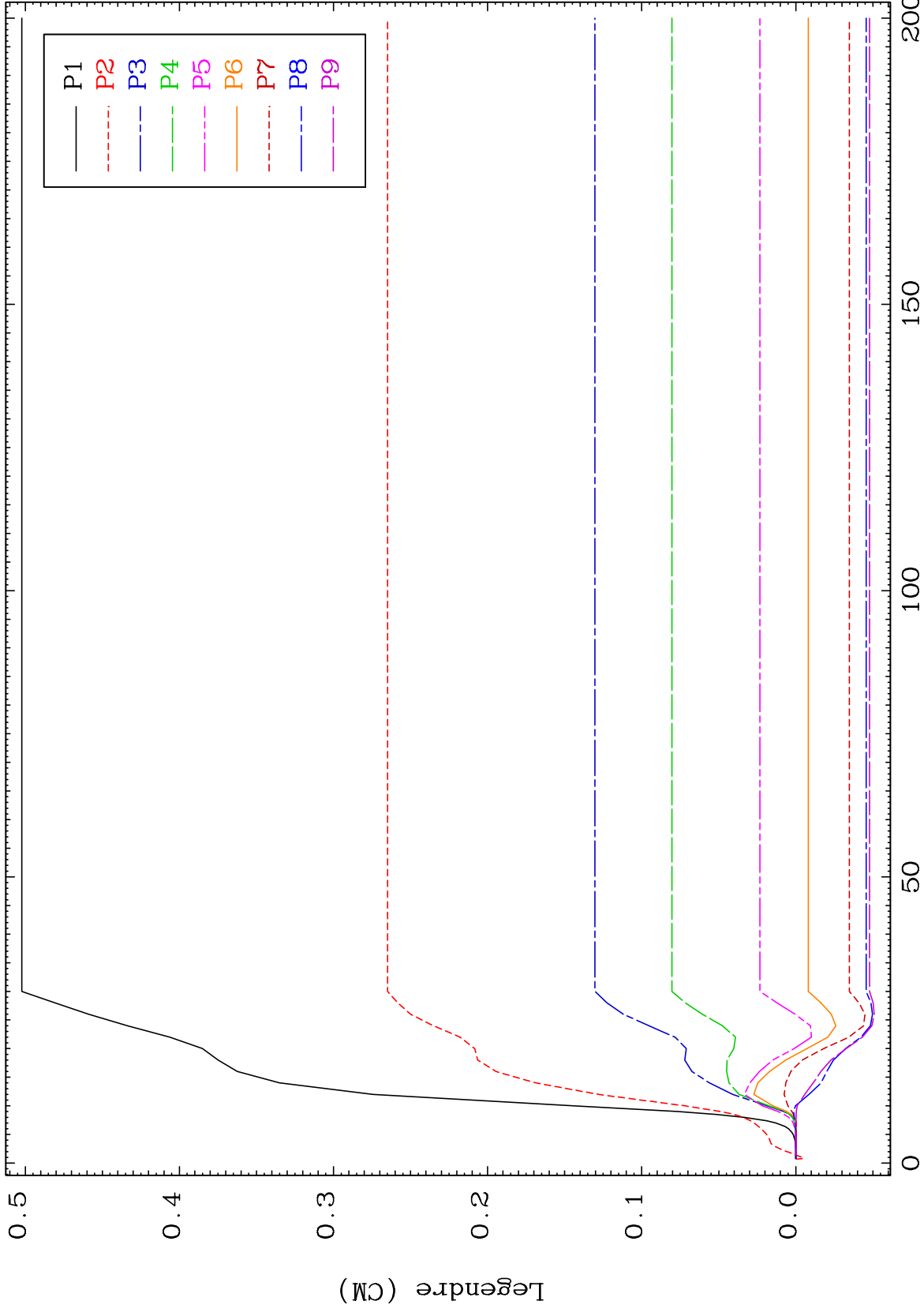




MAT 4307

680.6 keV (n,n') Level  
Legendre Coefficients

43-Tc-93



22

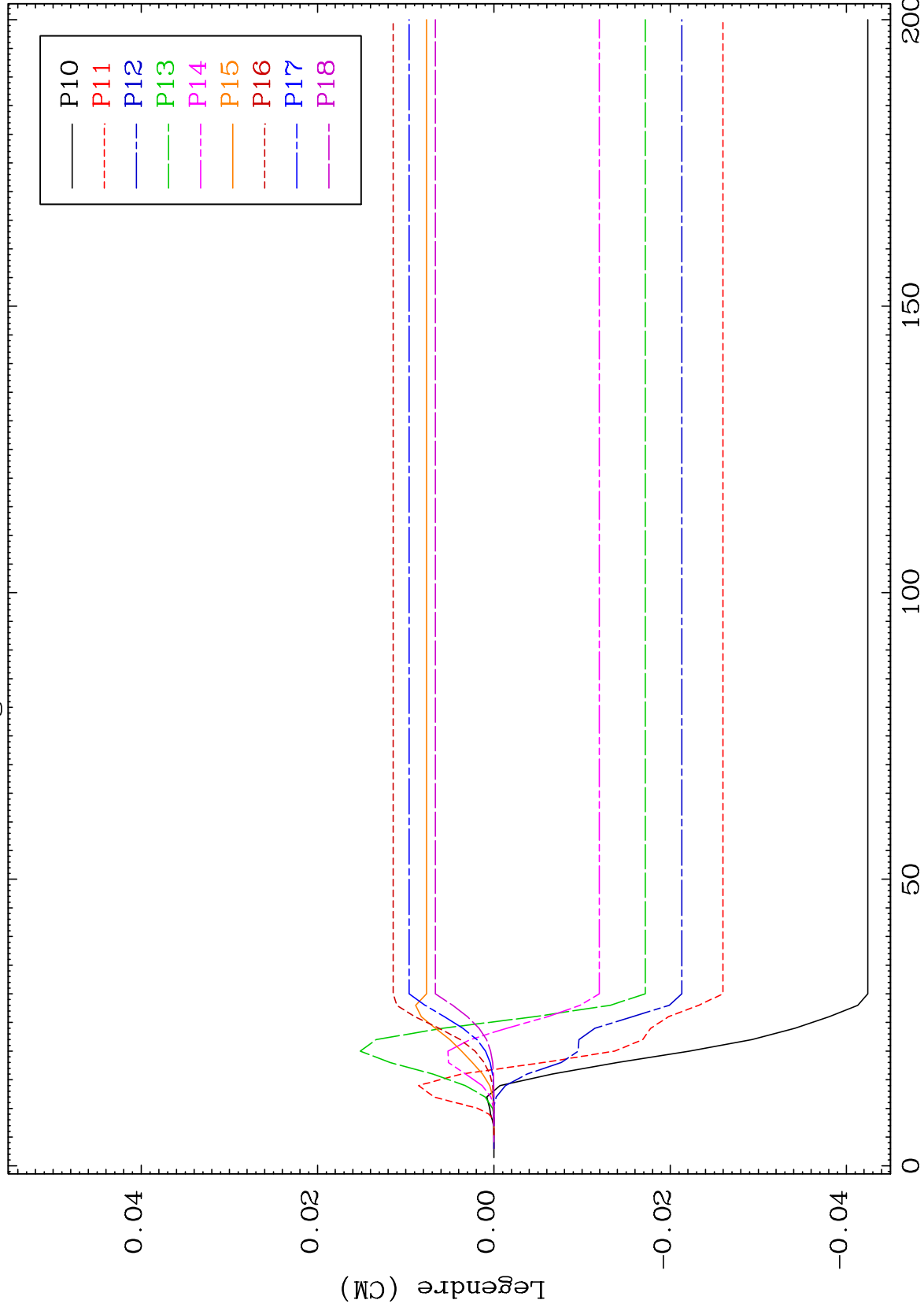
Incident Energy (MeV)

43-Tc-93

MAT 4307

680.6 keV (n,n') Level  
Legendre Coefficients

43-Tc-93



23

Incident Energy (MeV)

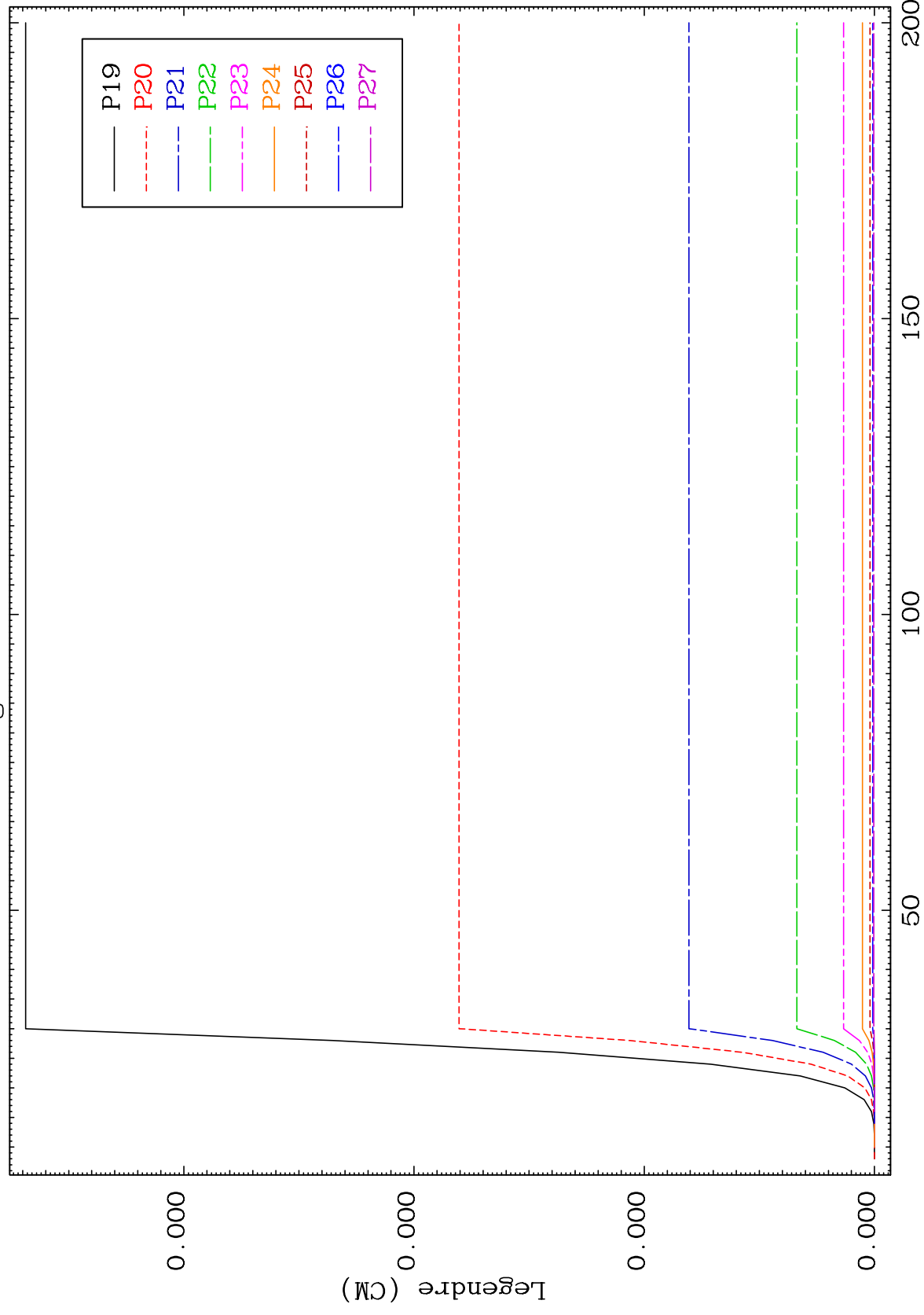
43-Tc-93



MAT 4307

680.6 keV (n,n') Level  
Legendre Coefficients

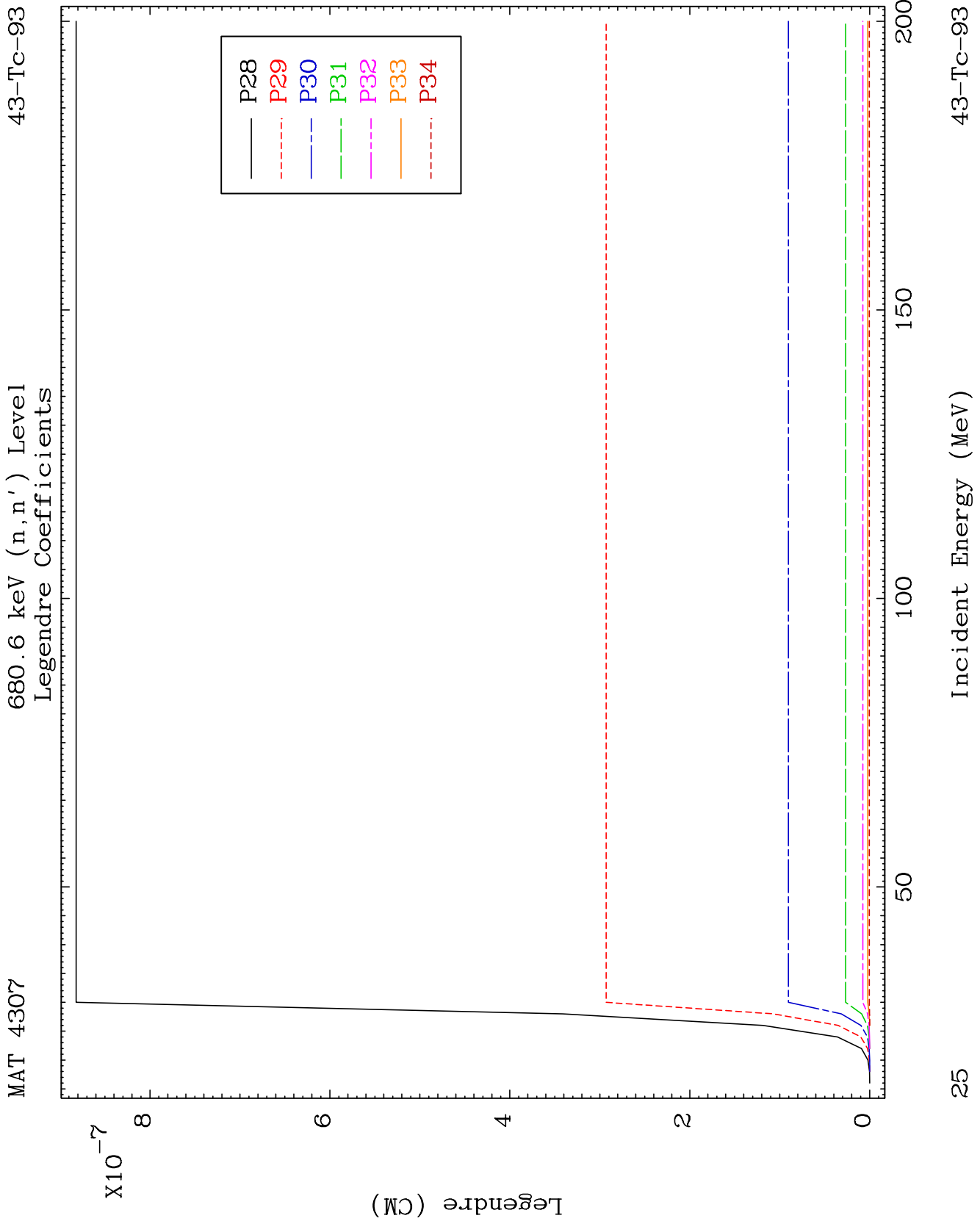
43-Tc-93

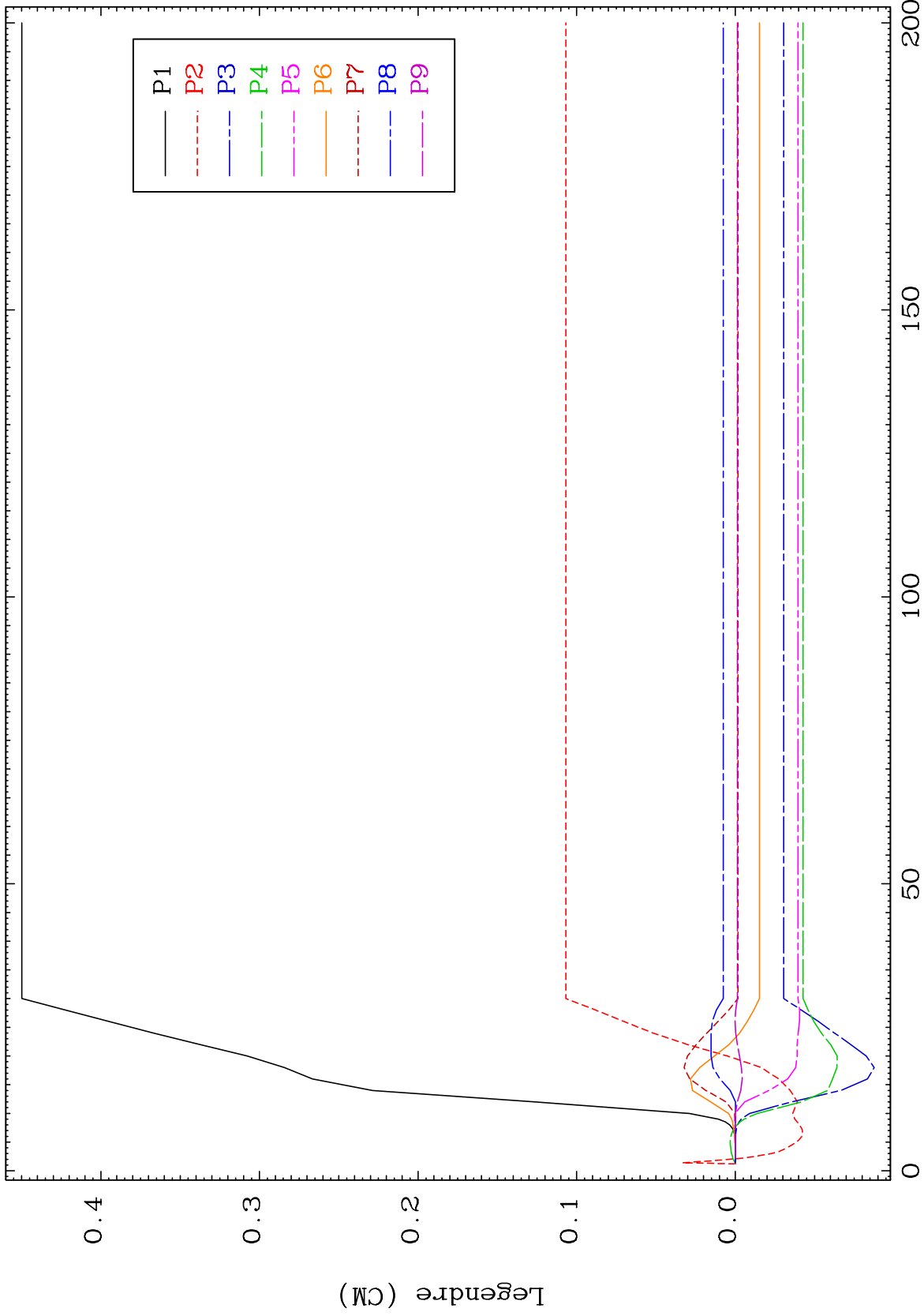


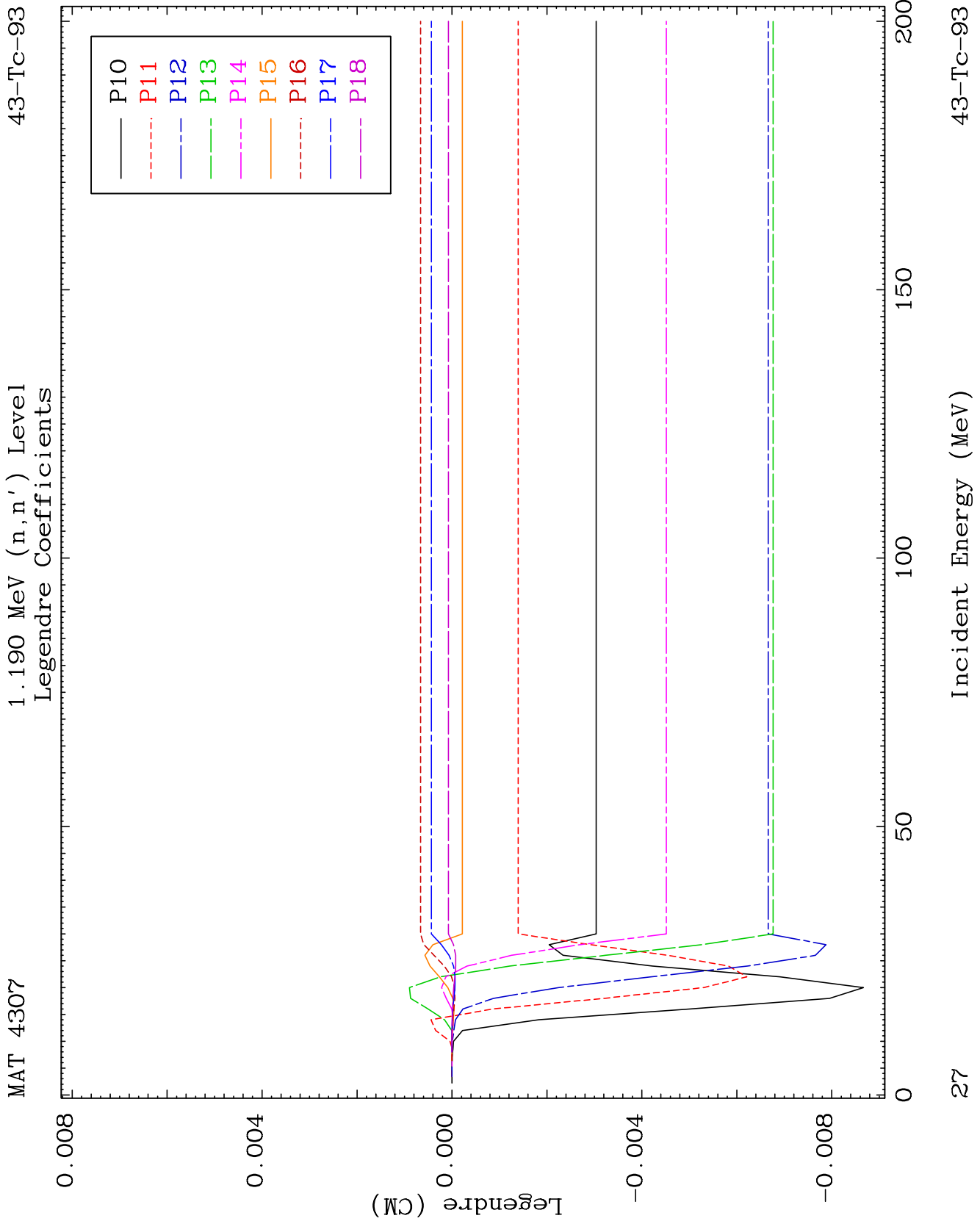
24

Incident Energy (MeV)

43-Tc-93



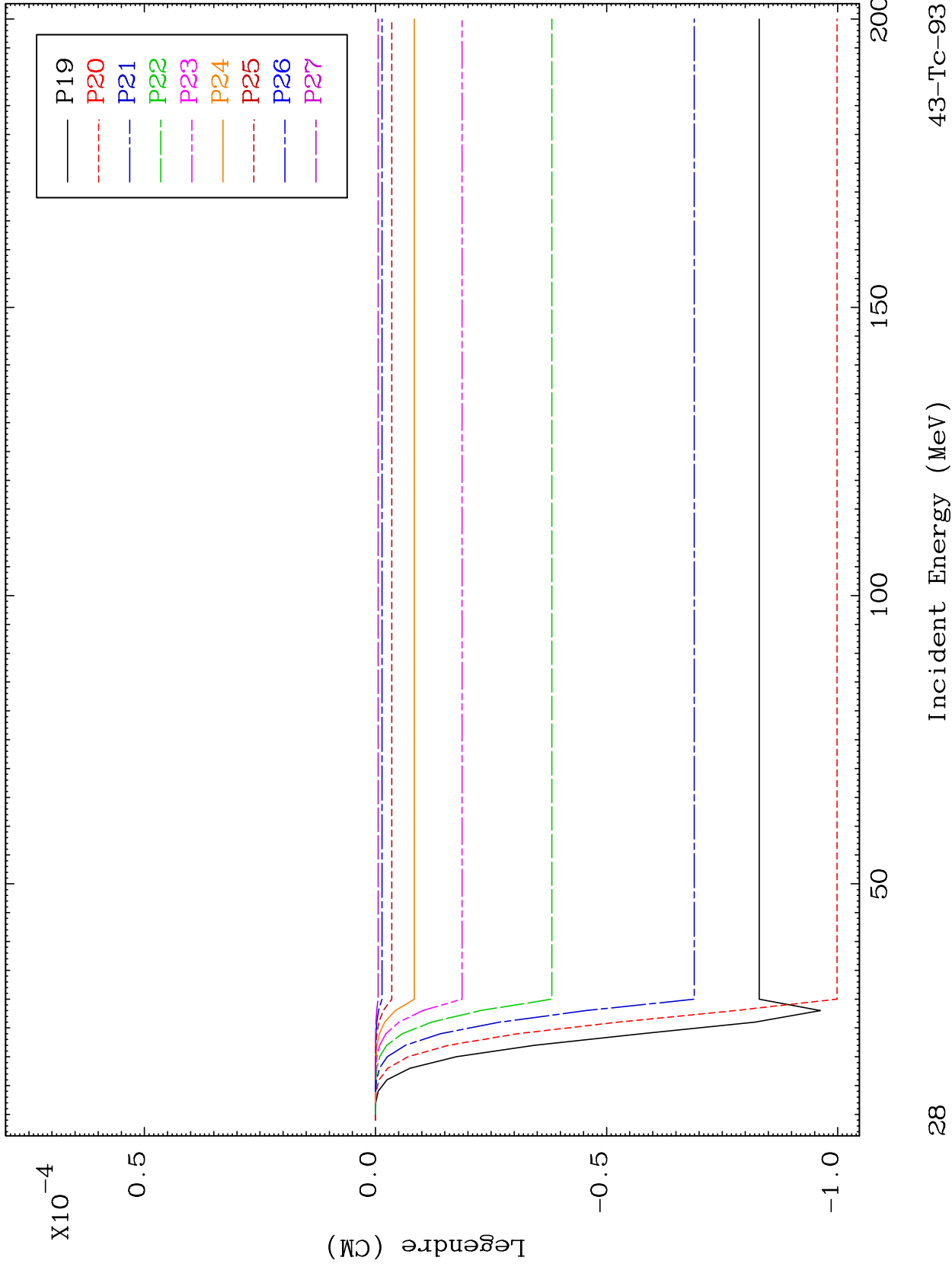


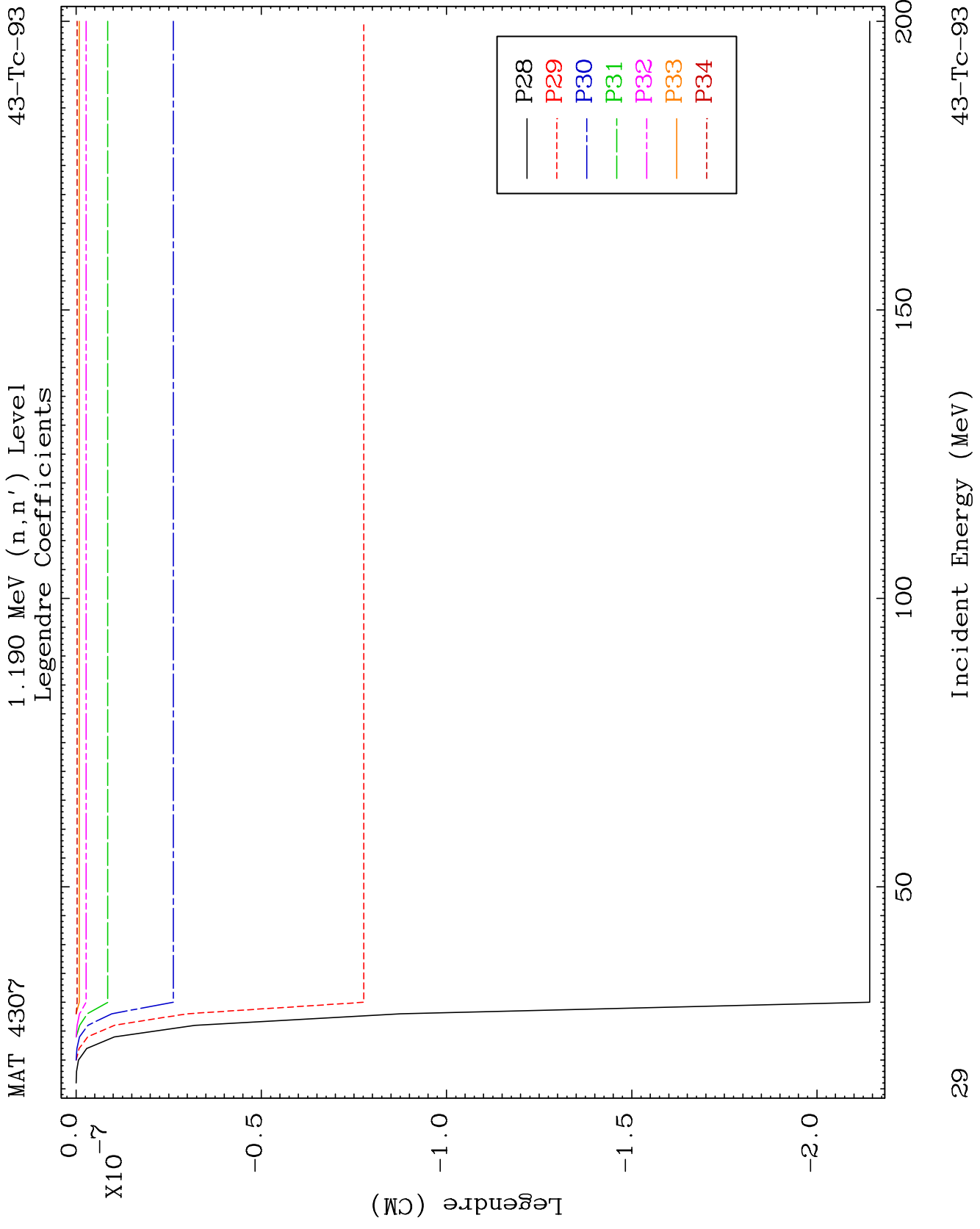


MAT 4307

1.190 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93

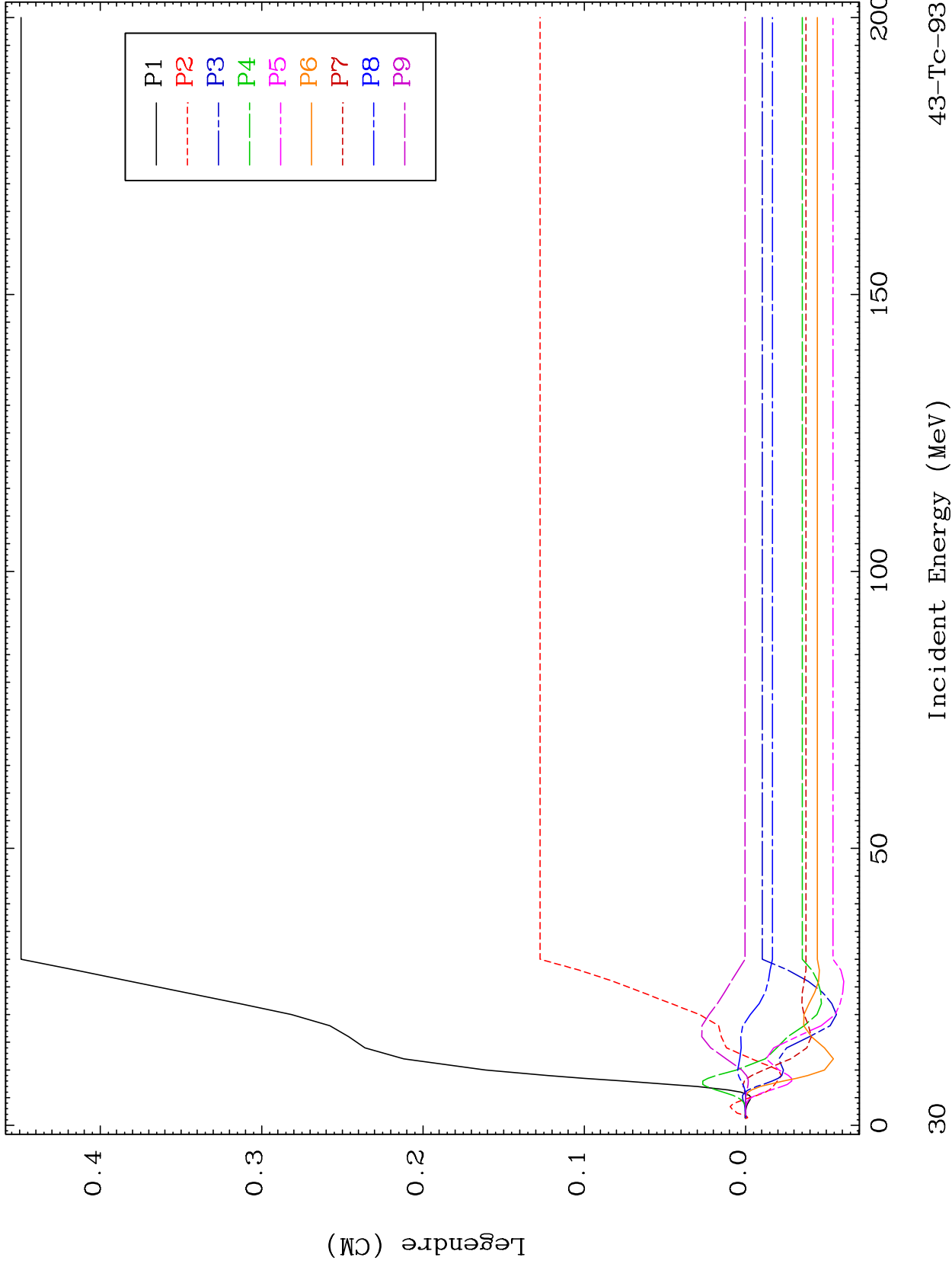




MAT 4307

1.194 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



43-Tc-93

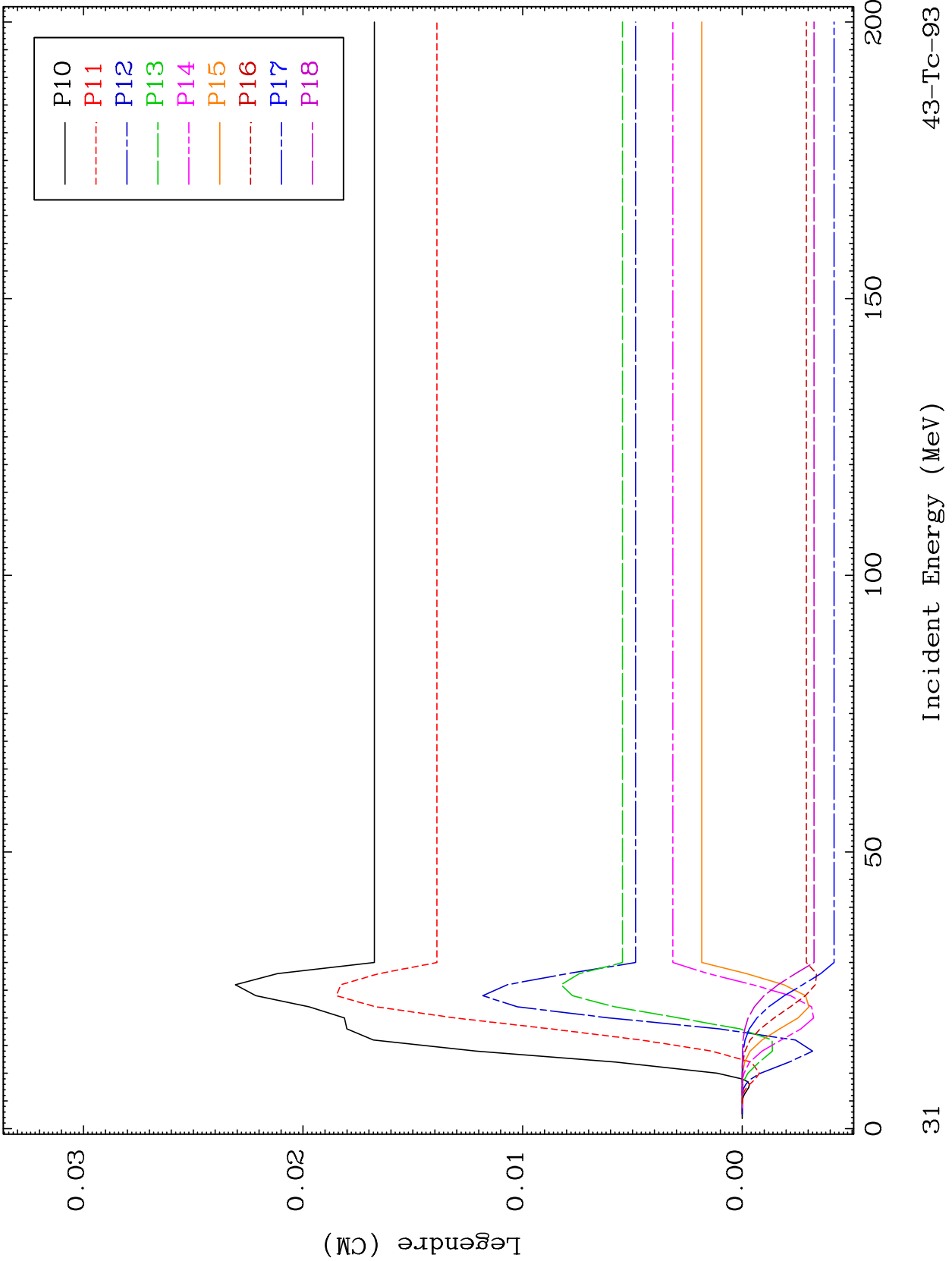
Incident Energy (MeV)

30

MAT 4307

1.194 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93

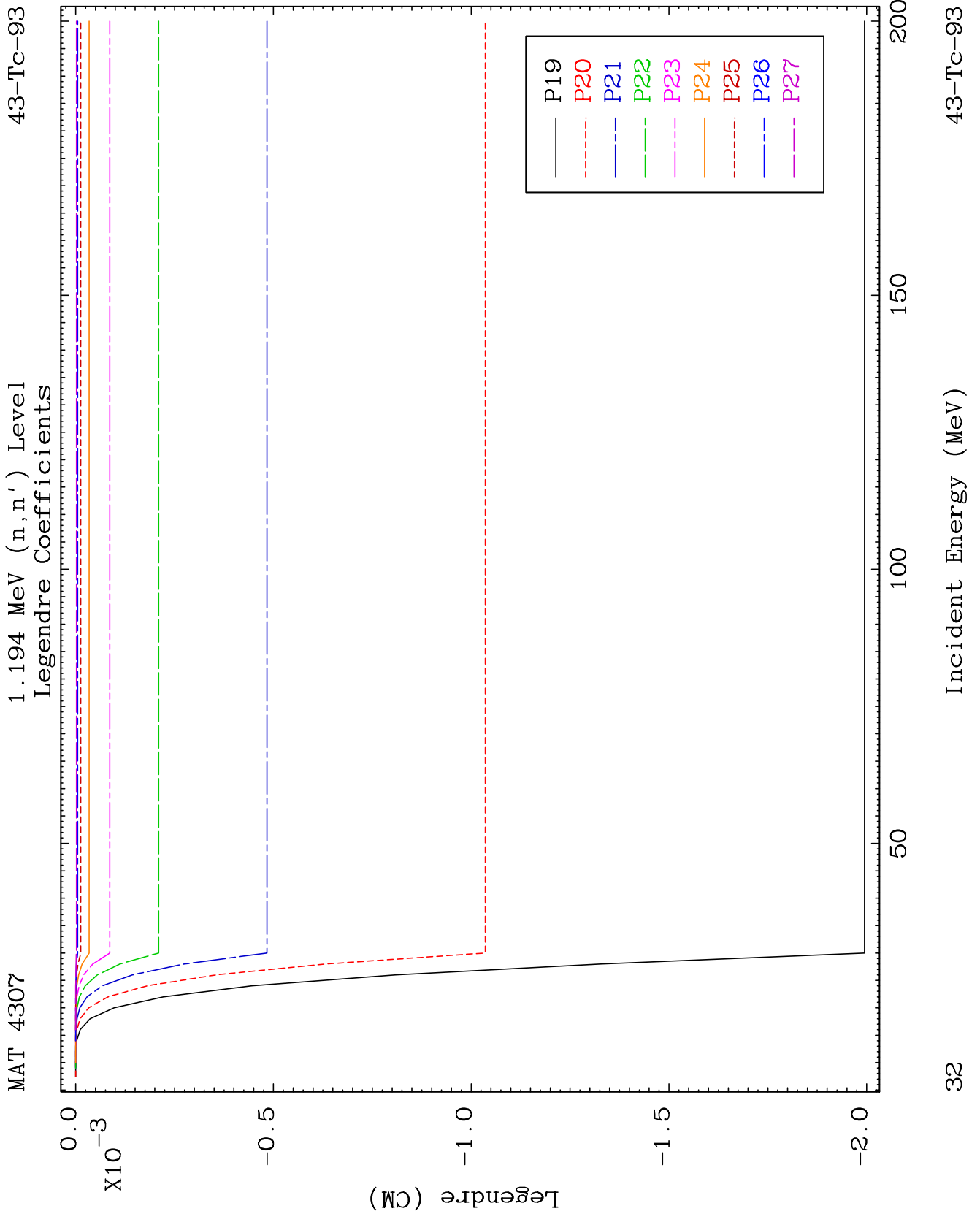


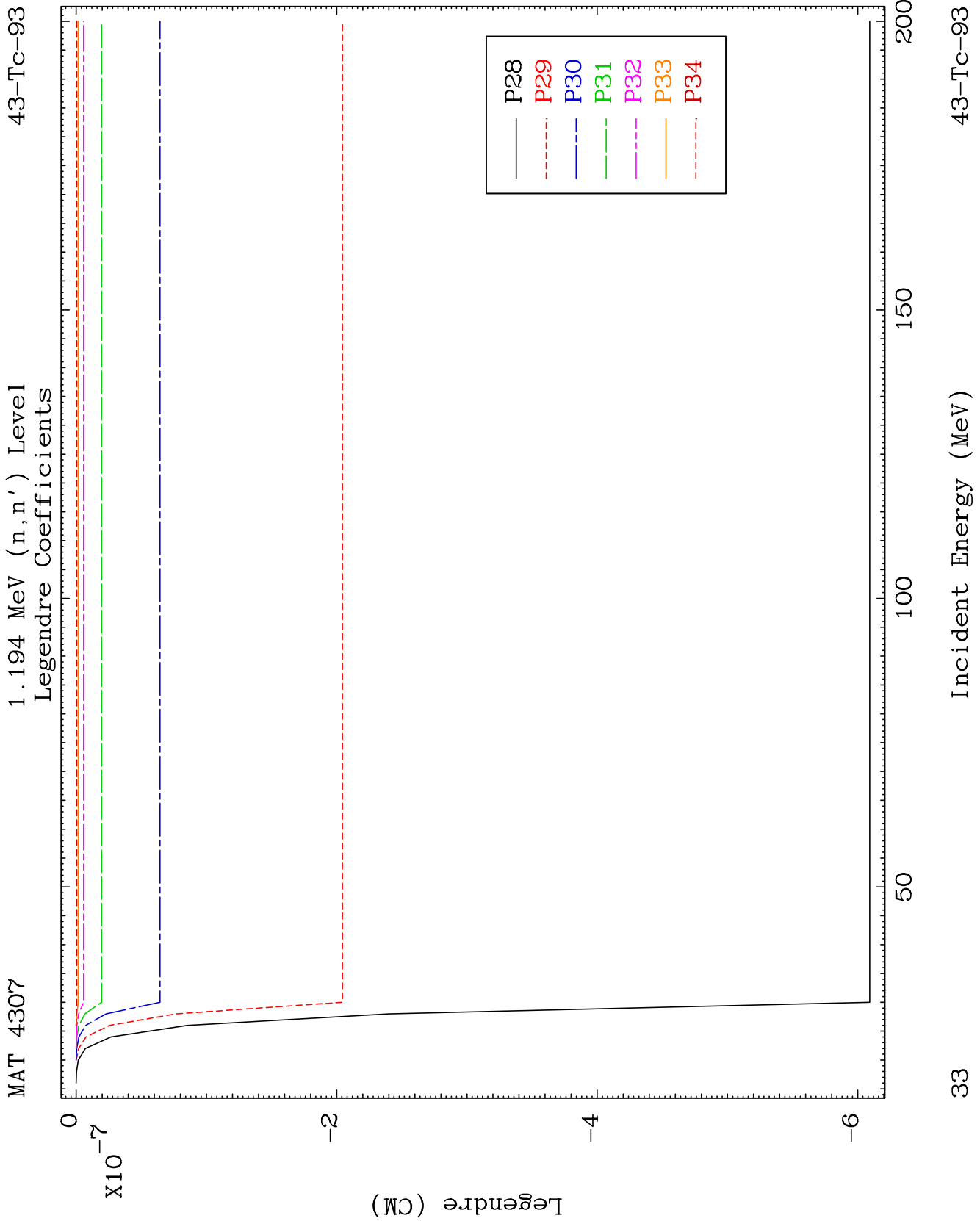
31

Incident Energy (MeV)

43-Tc-93



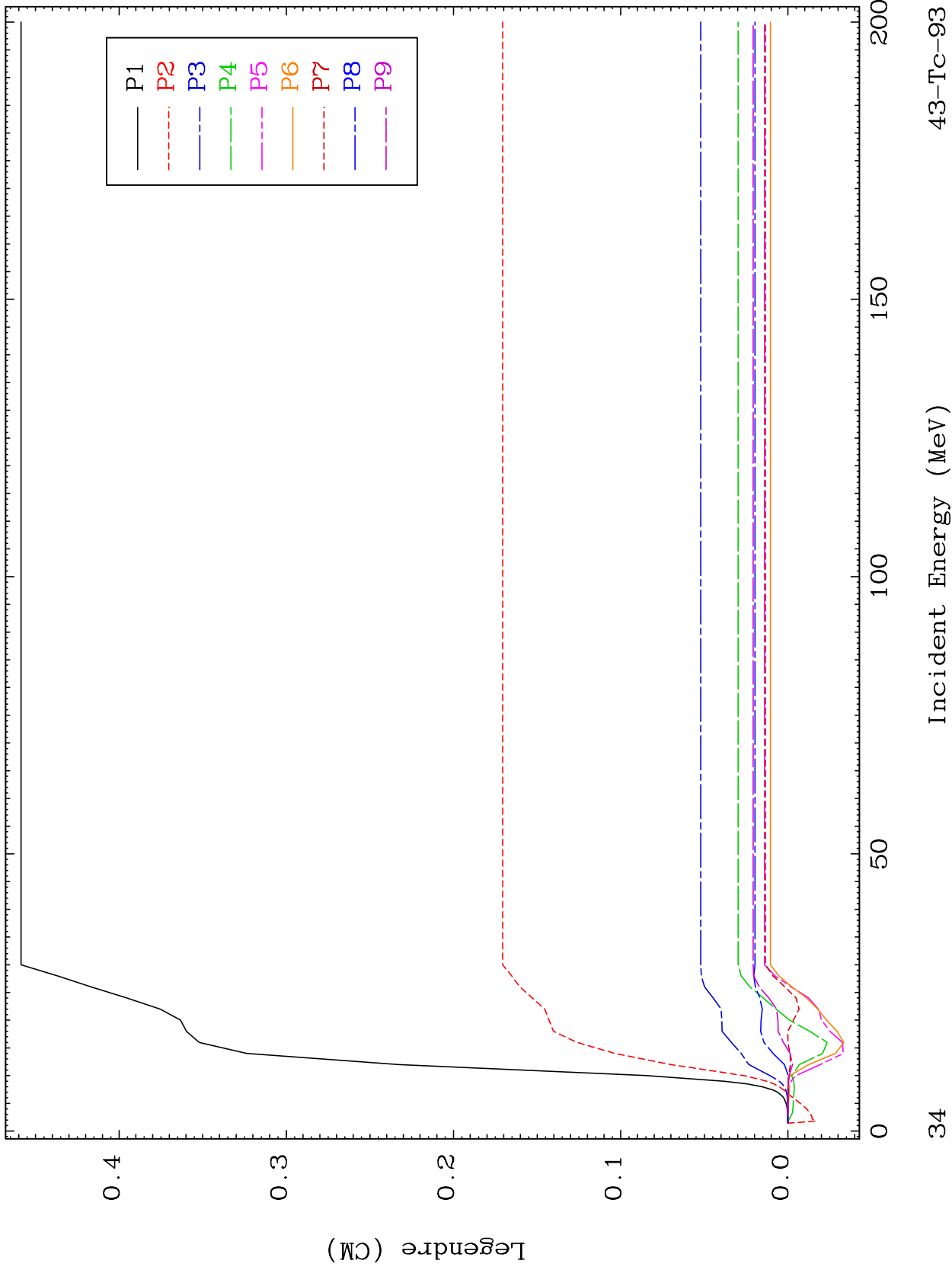




MAT 4307

1.408 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



34

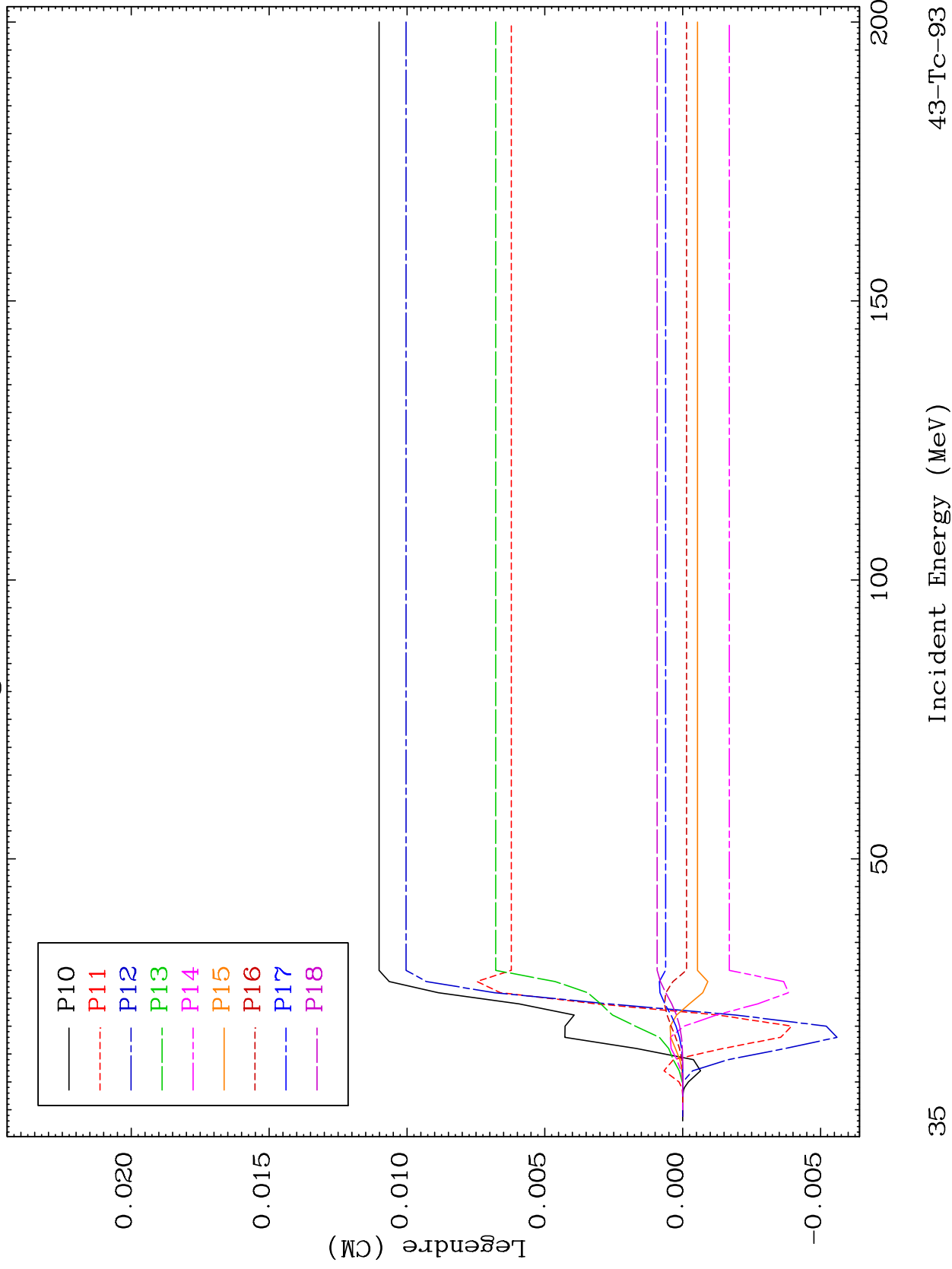
Incident Energy (MeV)

43-Tc-93

MAT 4307

1.408 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93

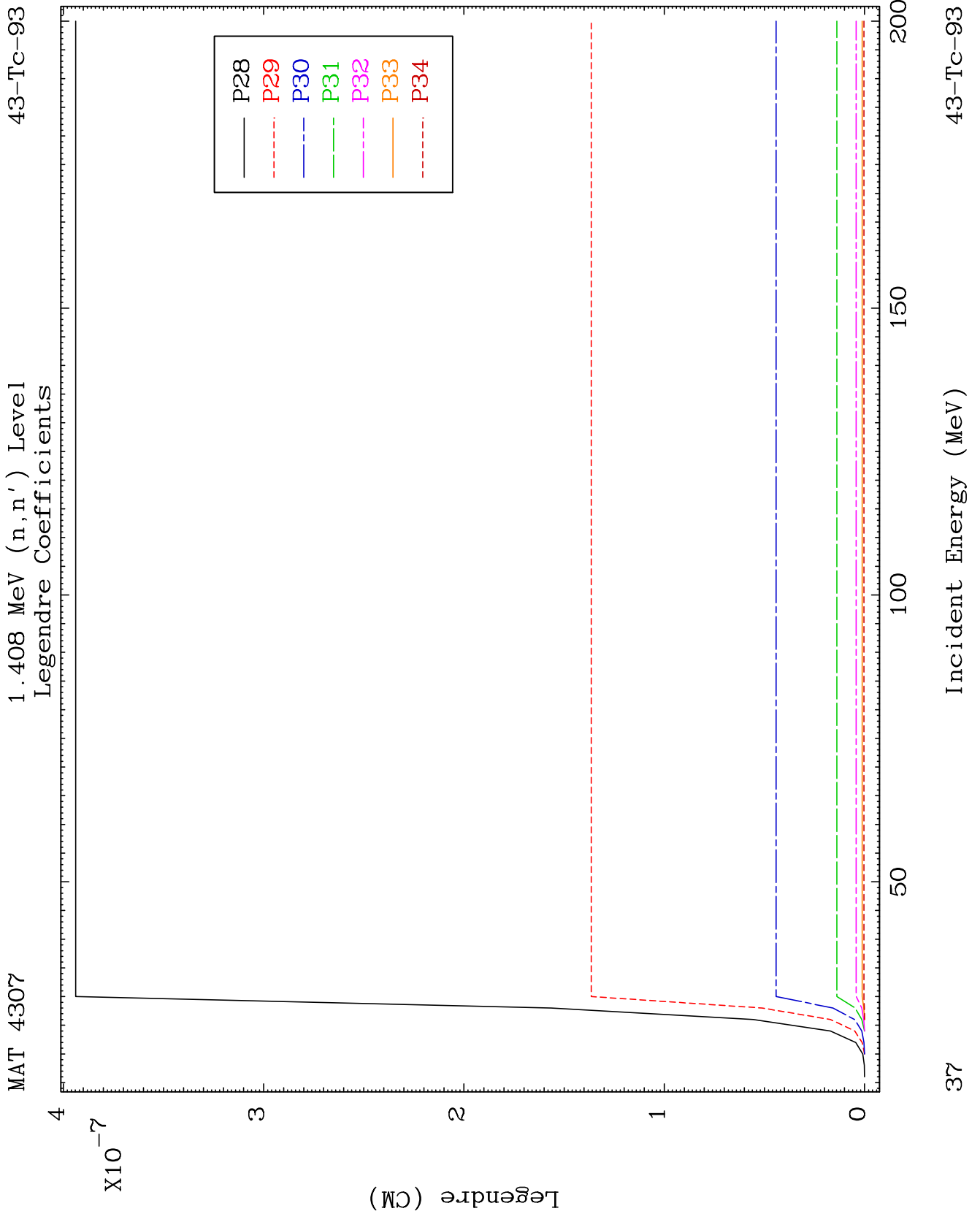


35

Incident Energy (MeV)

43-Tc-93

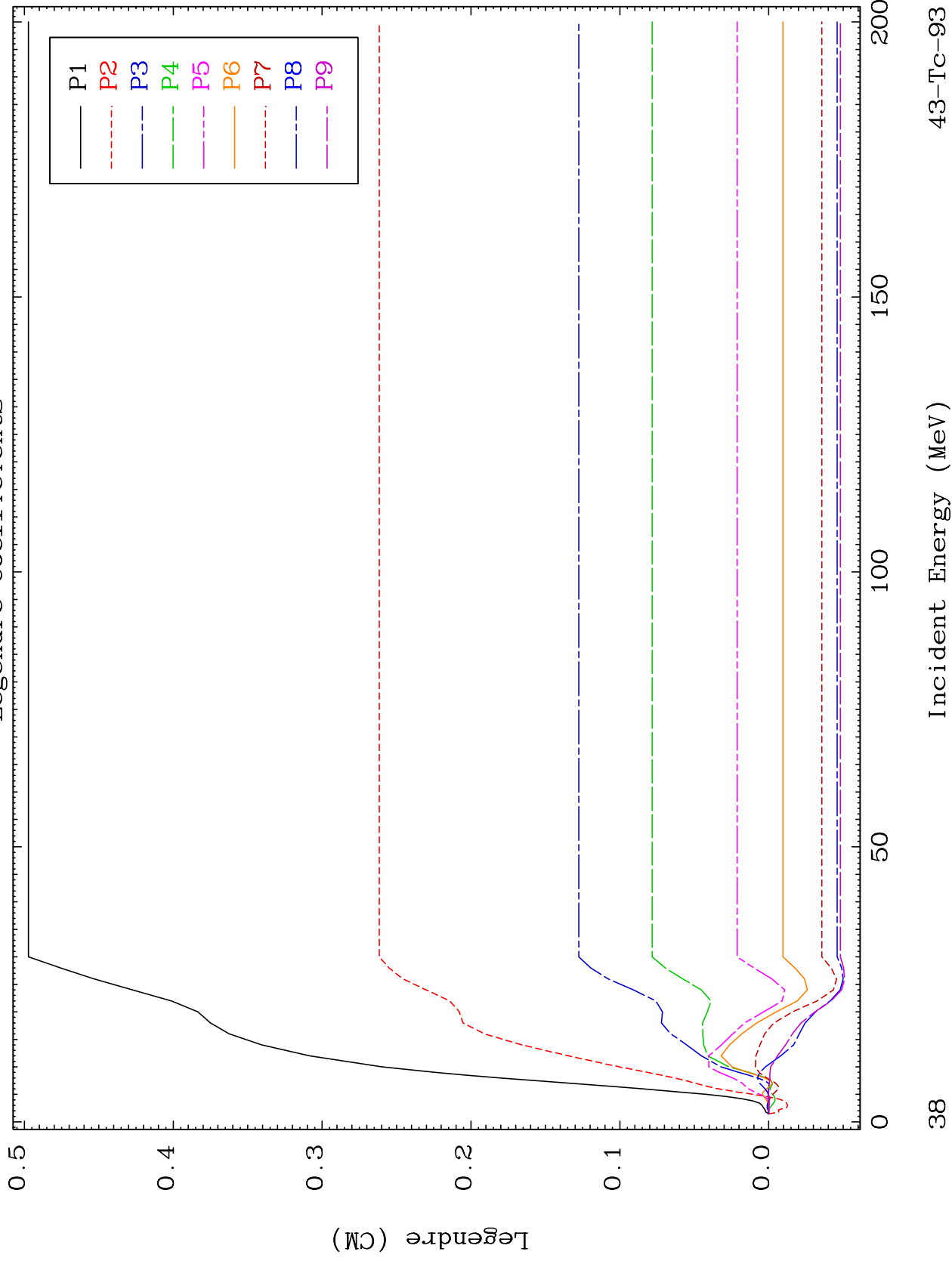




MAT 4307

1.434 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



38

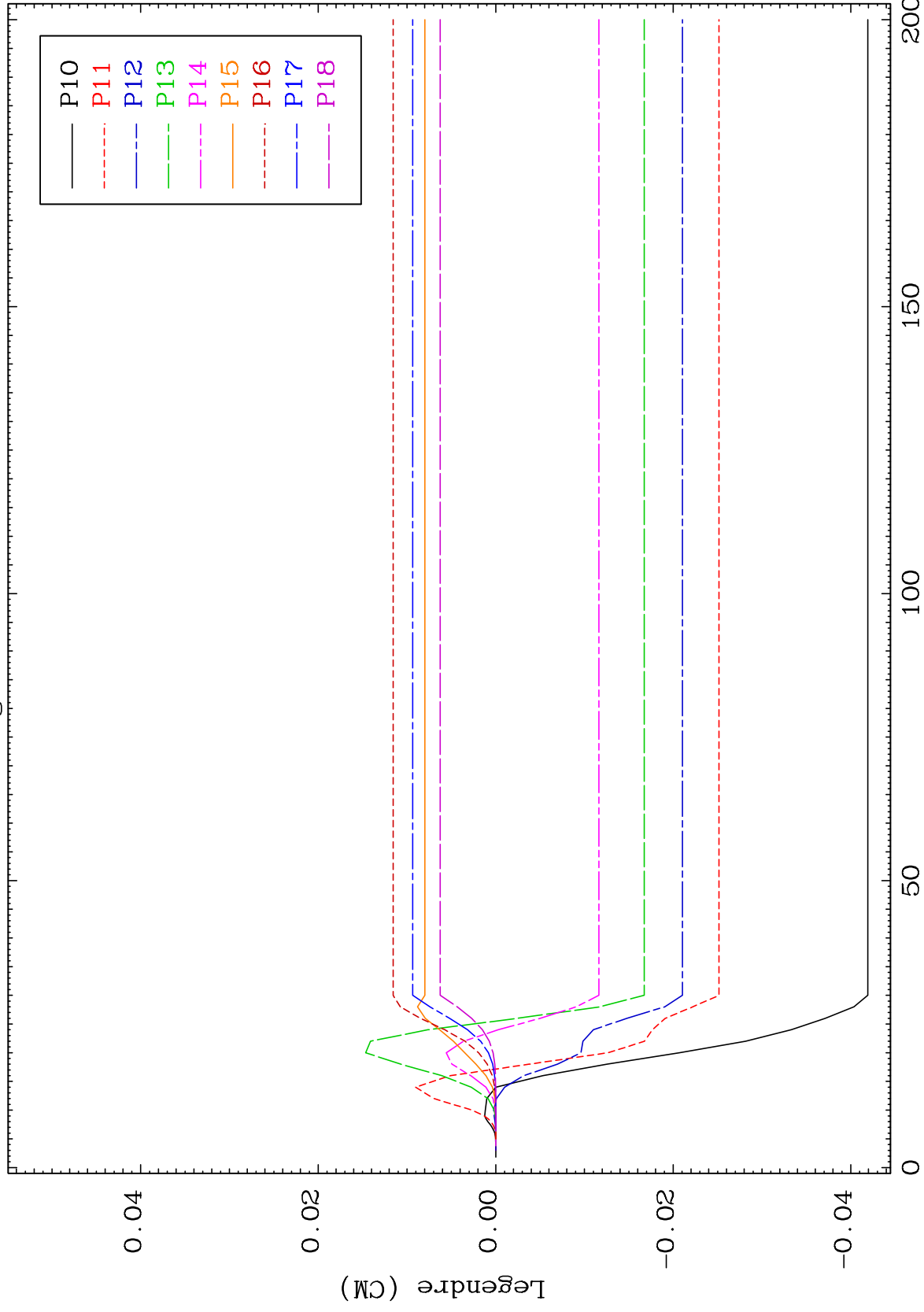
Incident Energy (MeV)

43-Tc-93

MAT 4307

1.434 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



39

Incident Energy (MeV)

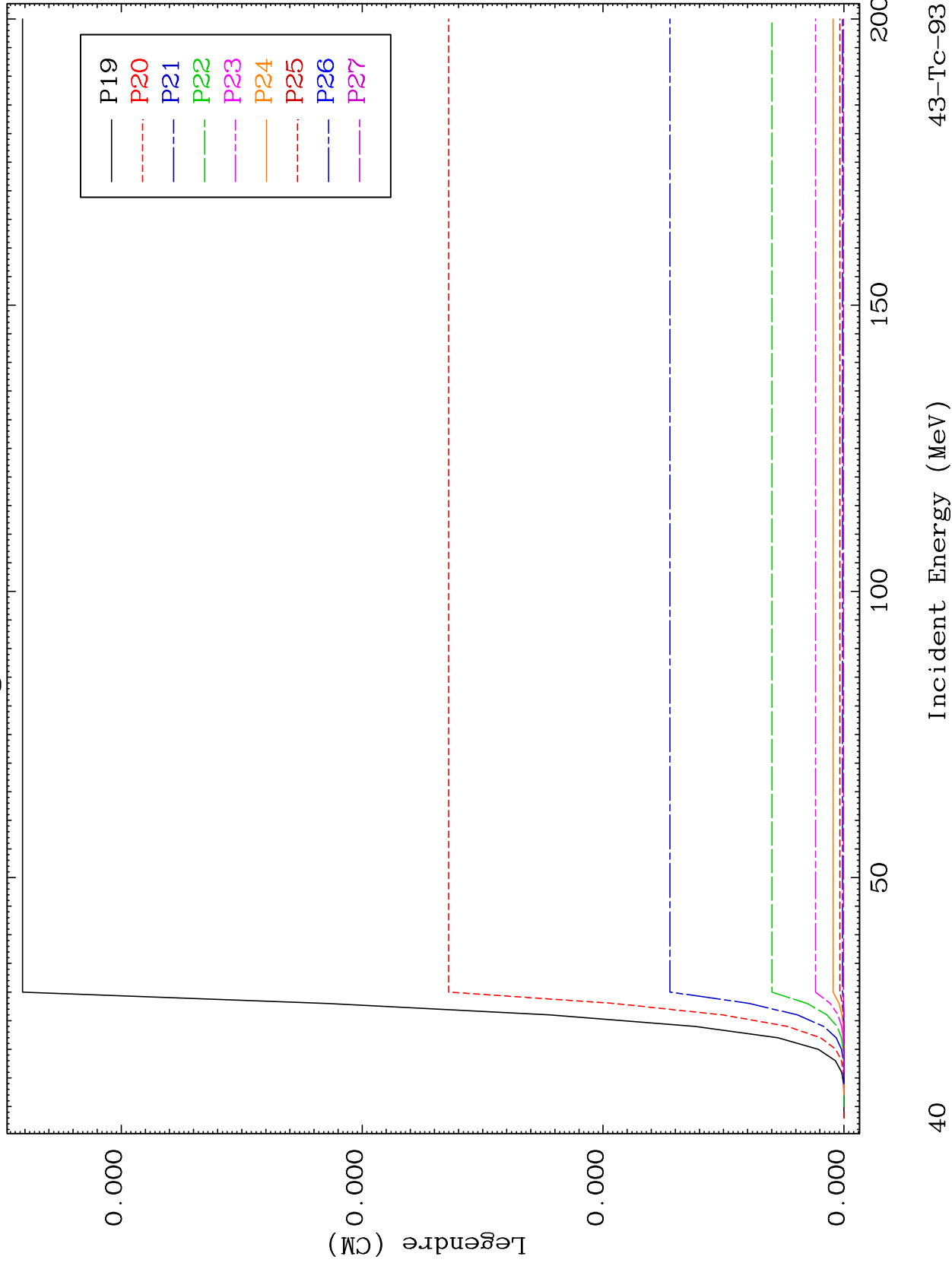
43-Tc-93



MAT 4307

1.434 MeV (n,n') Level  
Legendre Coefficients

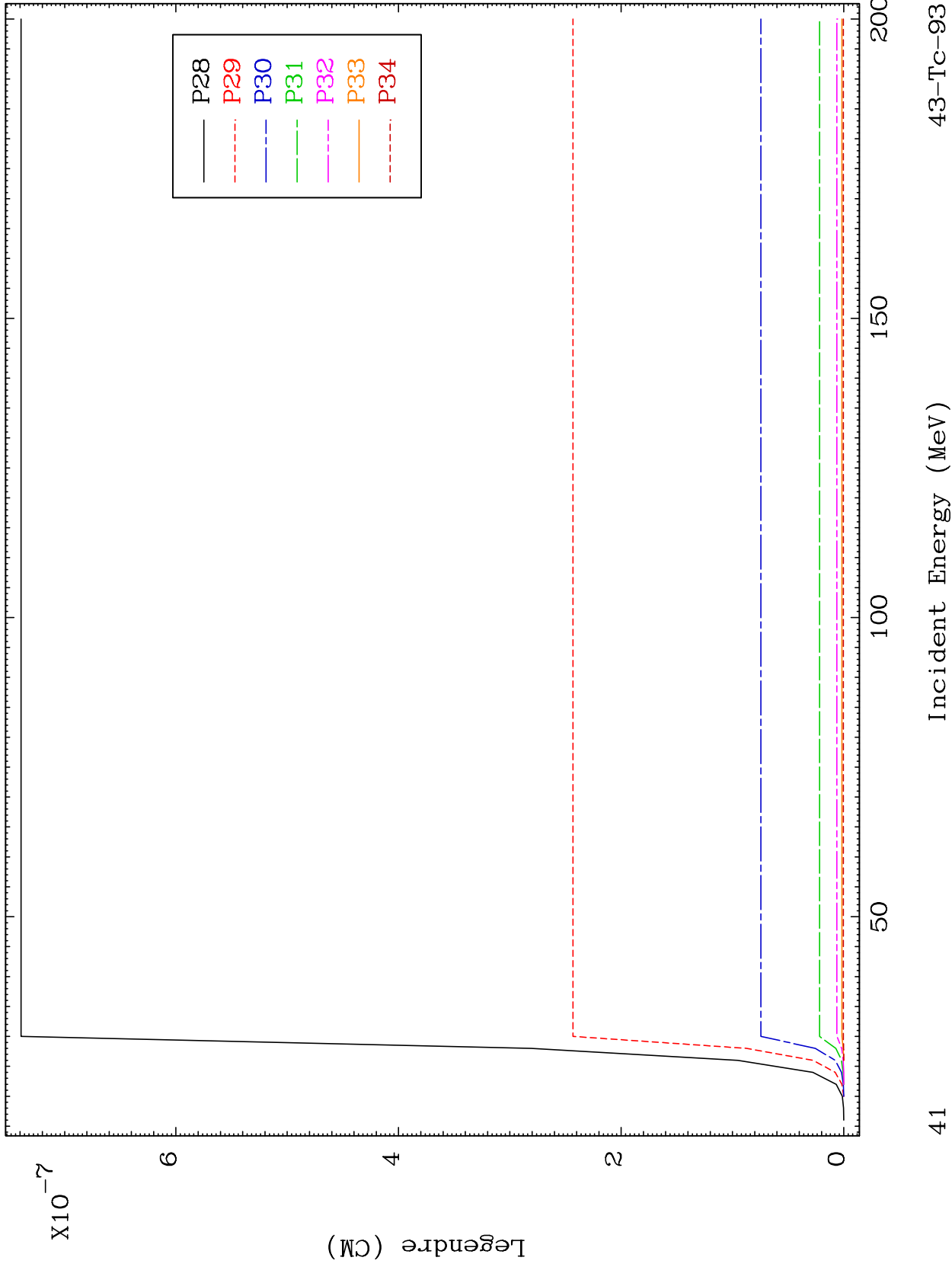
43-Tc-93



MAT 4307

1.434 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



41

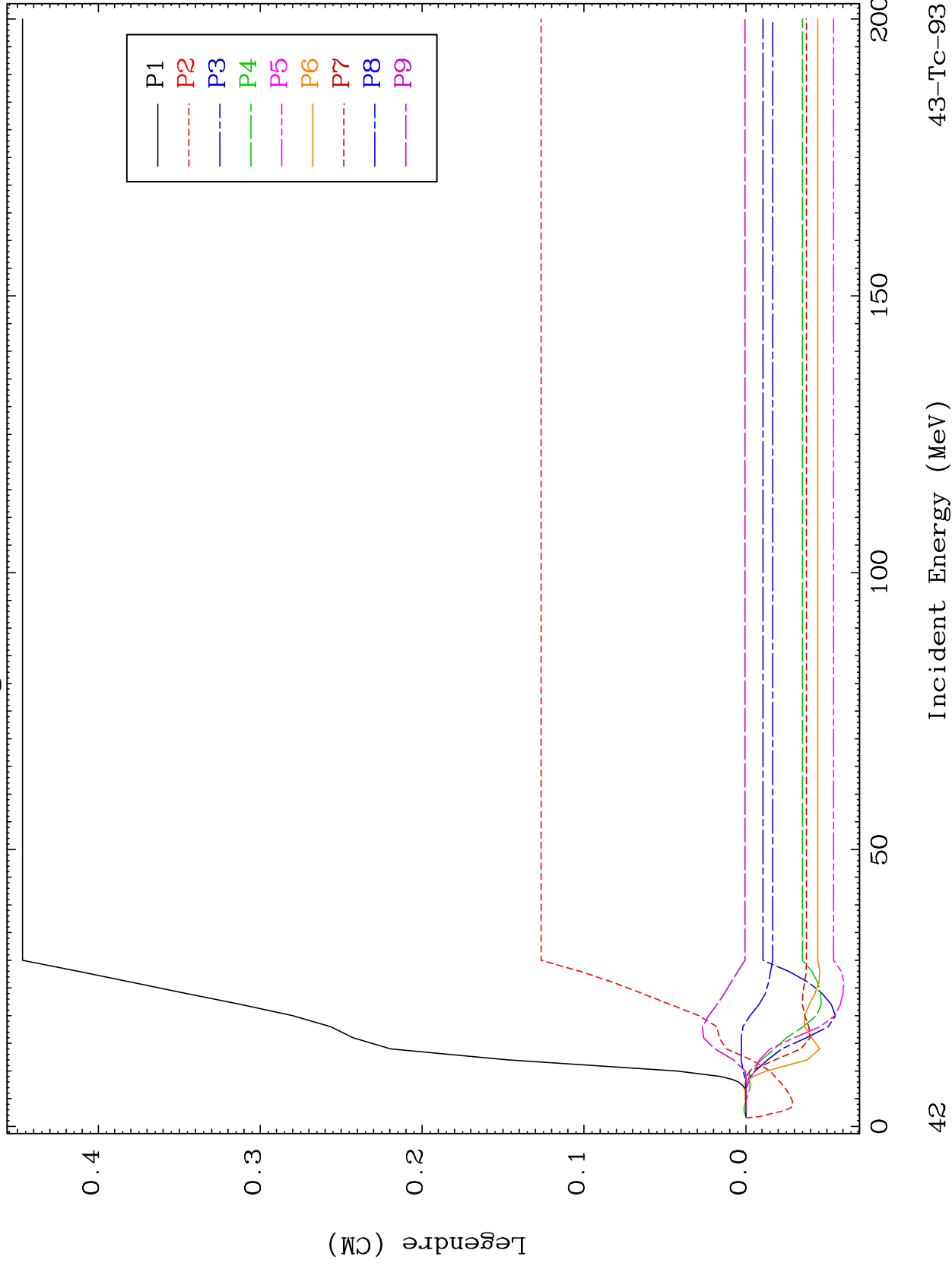
Incident Energy (MeV)

43-Tc-93

MAT 4307

1.503 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



43-Tc-93

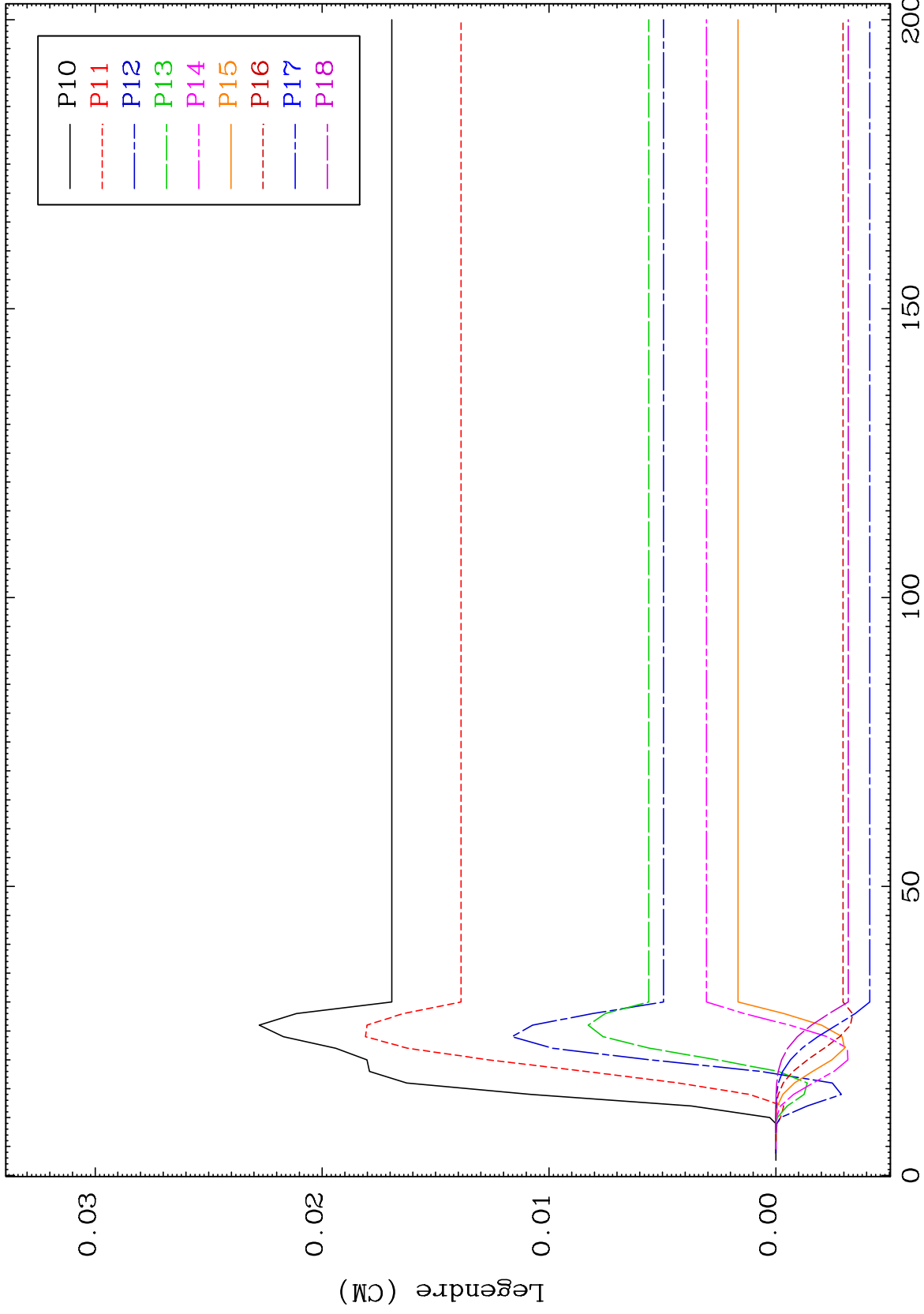
Incident Energy (MeV)

42

MAT 4307

1.503 MeV (n,n') Level  
Legendre Coefficients

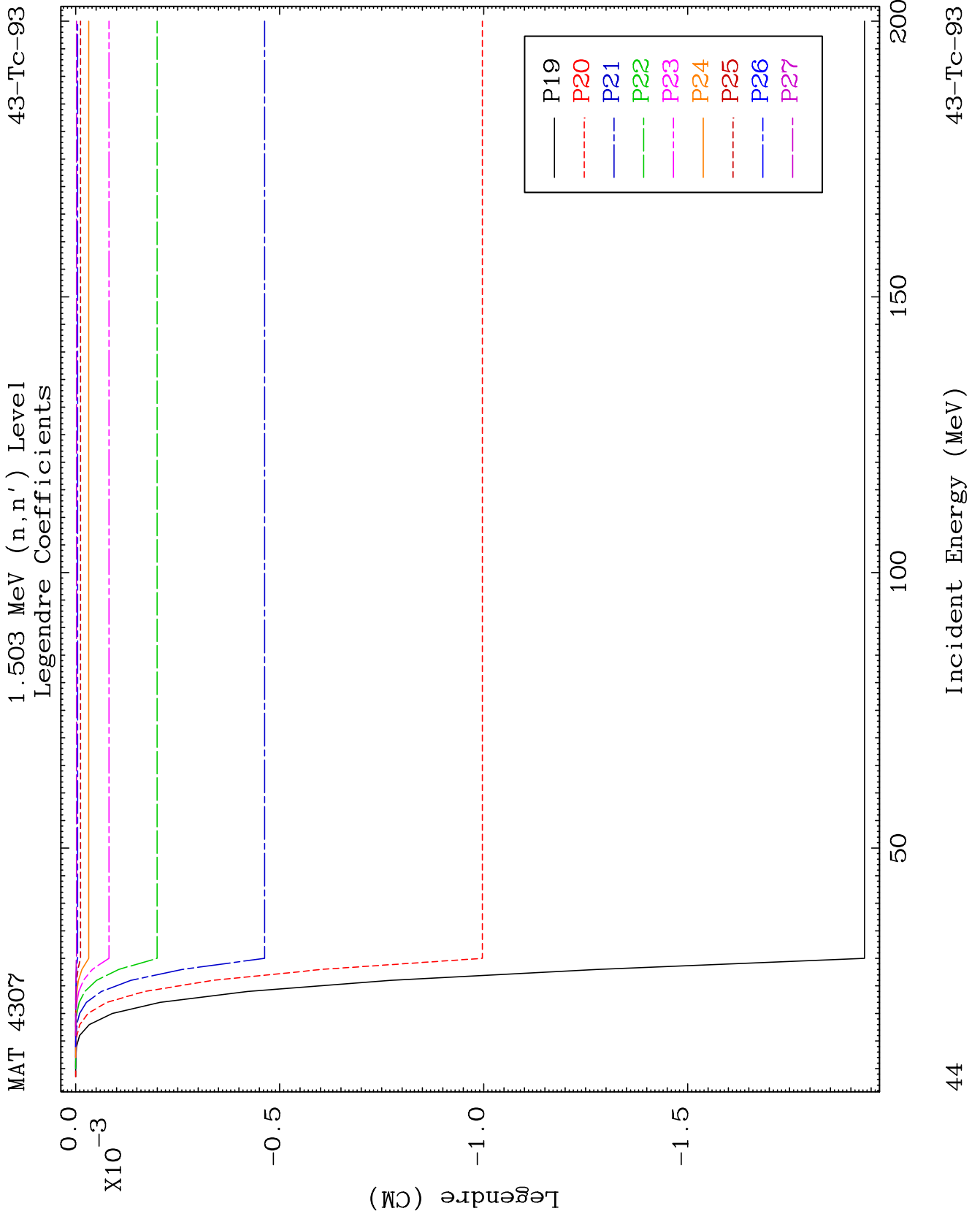
43-Tc-93

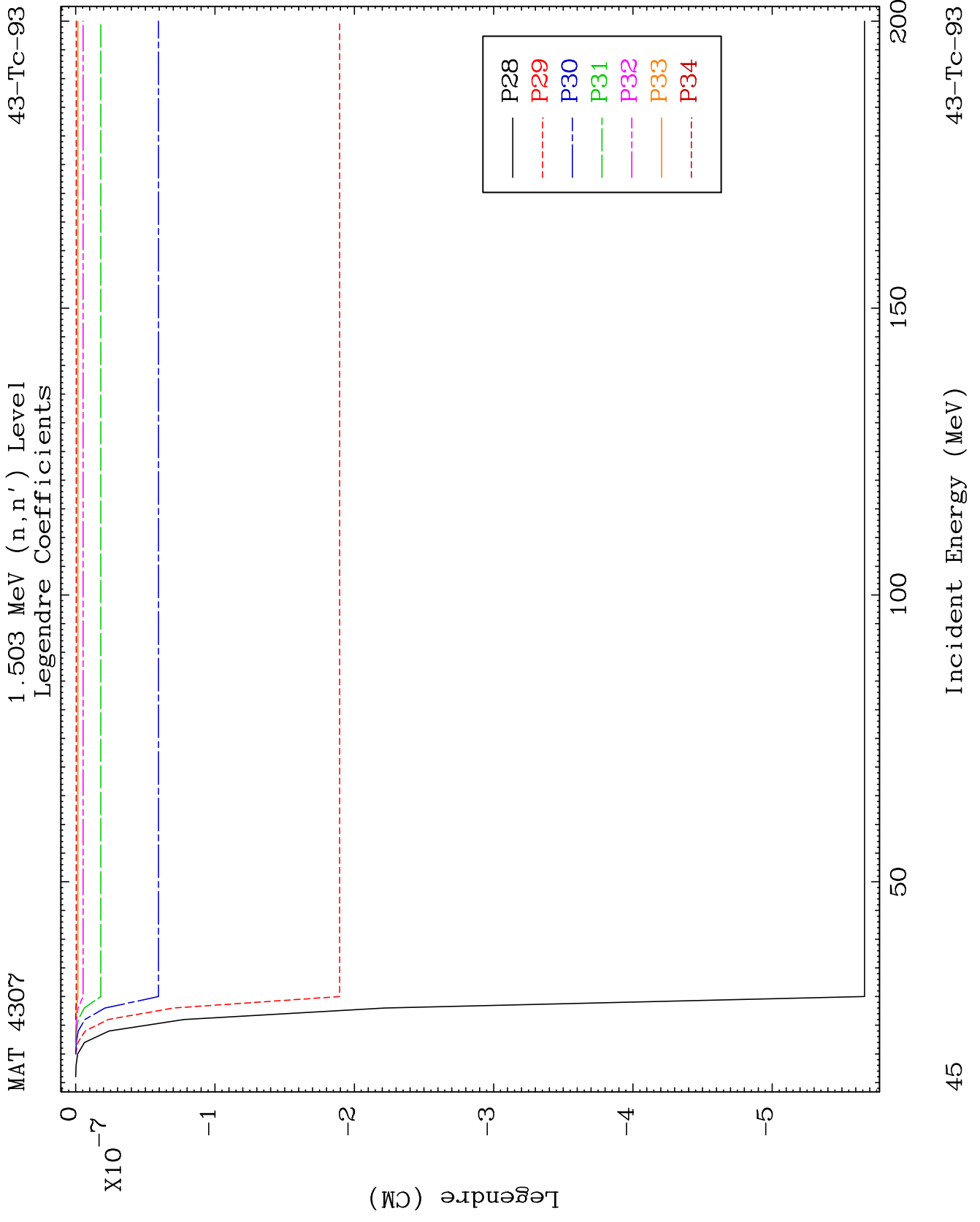


43

Incident Energy (MeV)

43-Tc-93



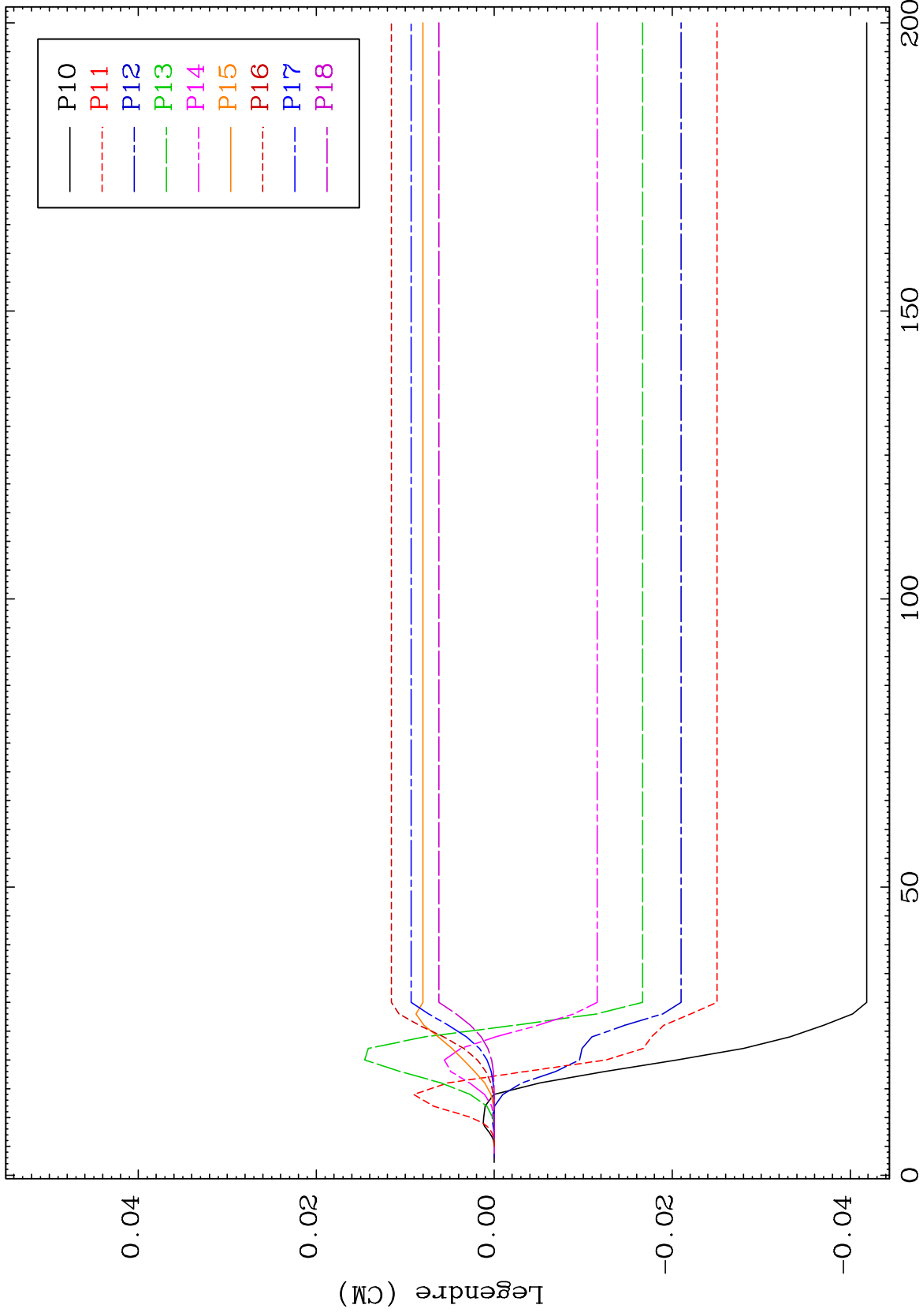




MAT 4307

1.516 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



47

Incident Energy (MeV)

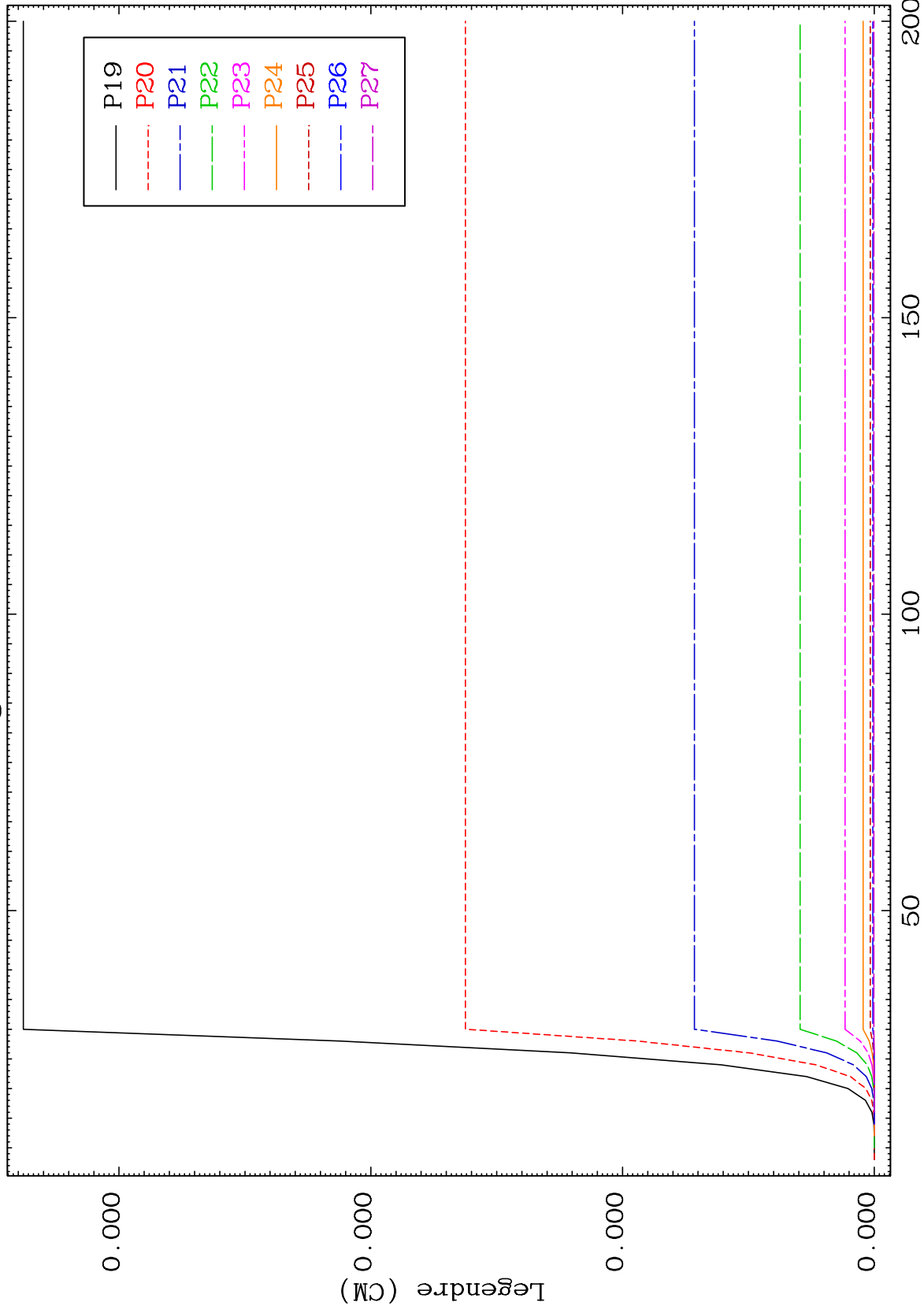
43-Tc-93



MAT 4307

1.516 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



48

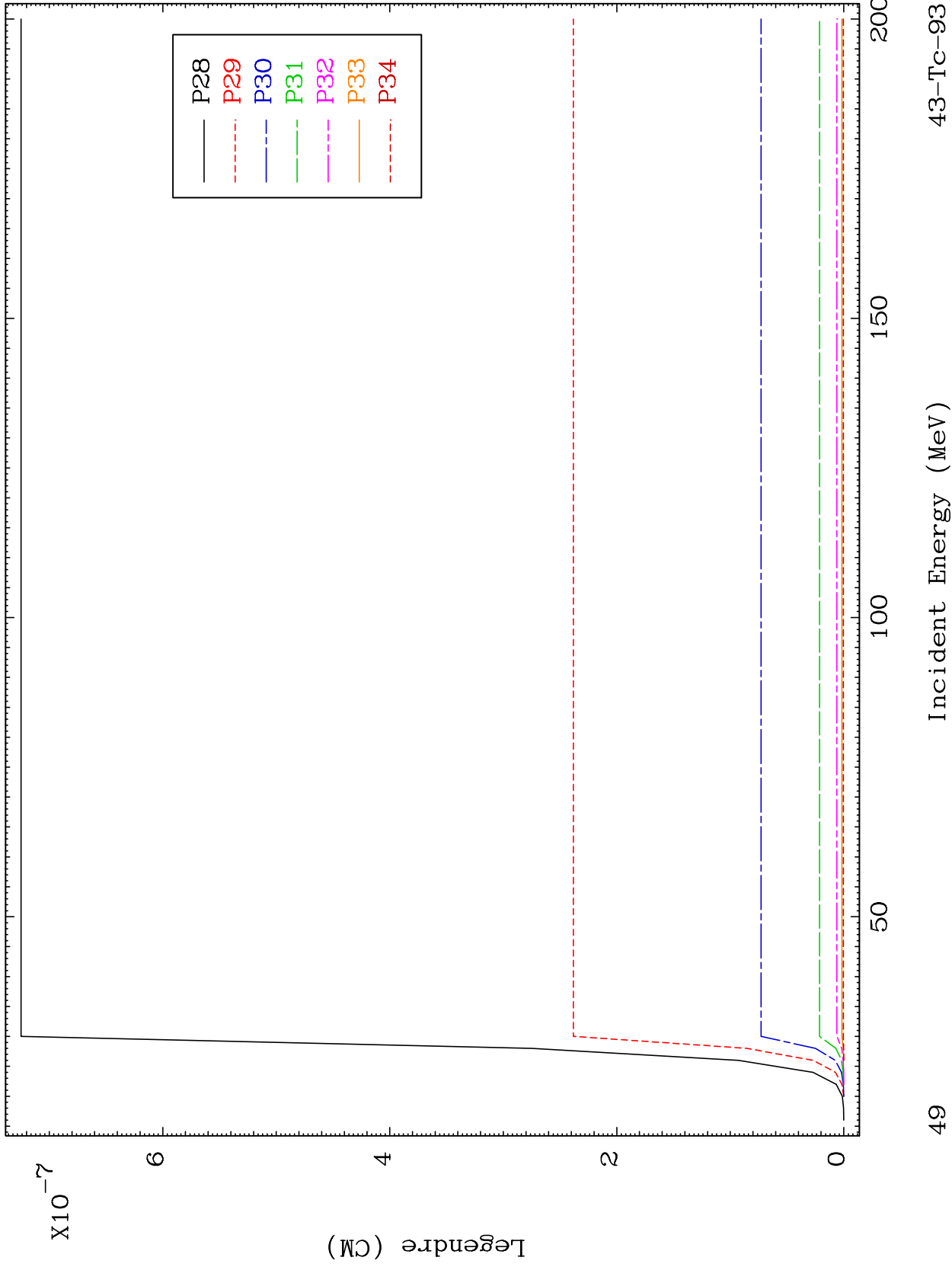
Incident Energy (MeV)

43-Tc-93

MAT 4307

1.516 MeV (n, n') Level  
Legendre Coefficients

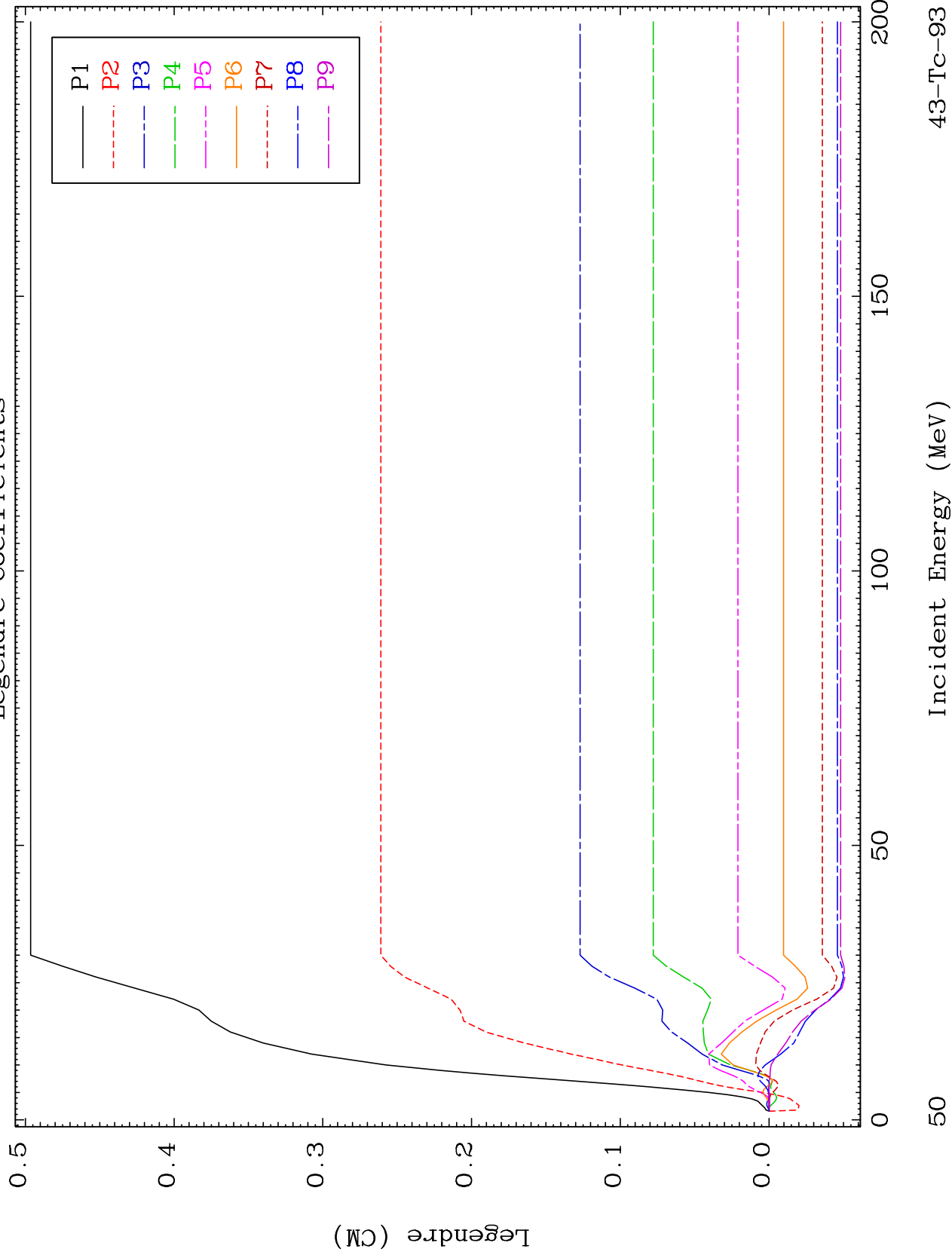
43-Tc-93



MAT 4307

1.555 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



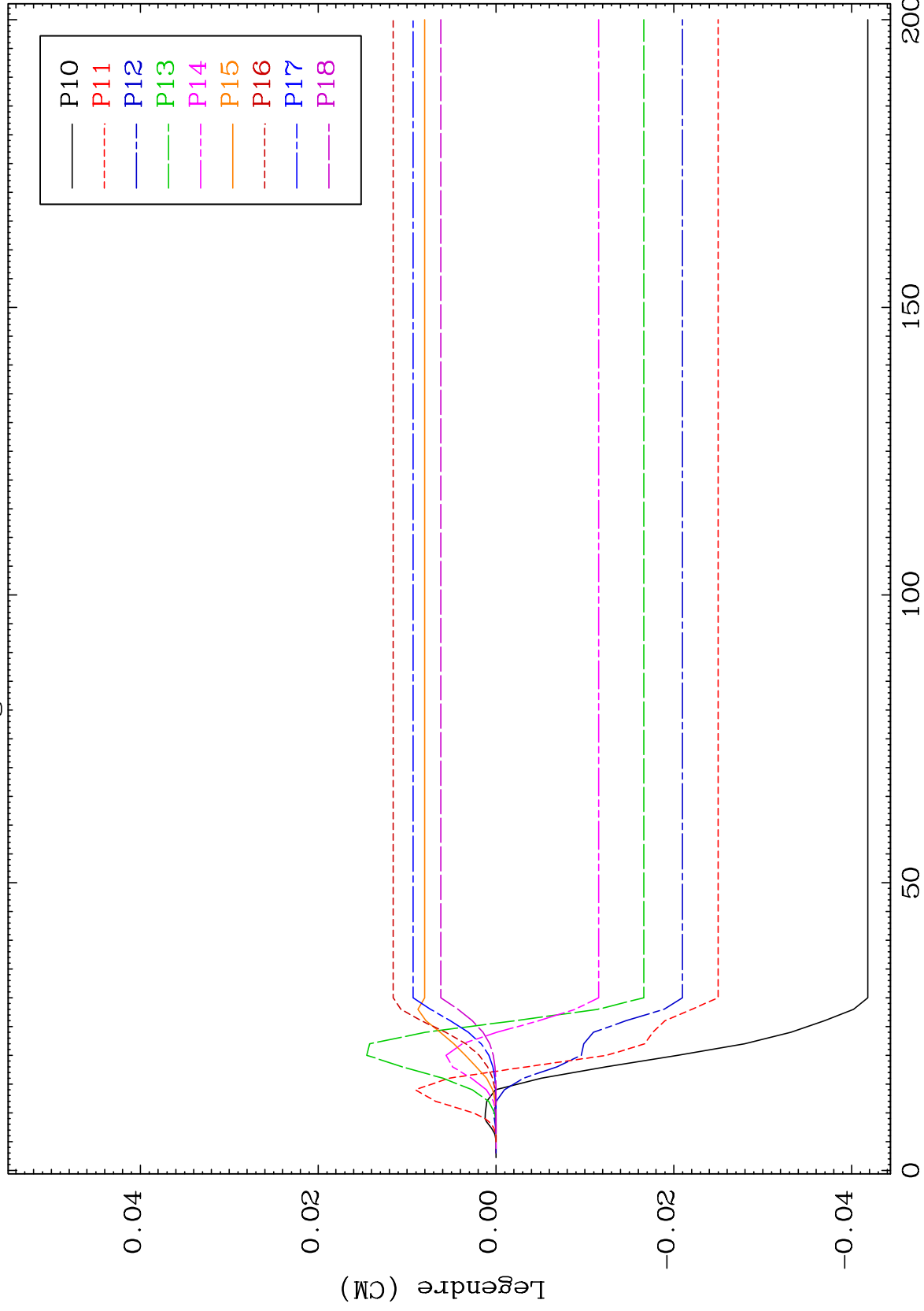
43-Tc-93

Incident Energy (MeV)

MAT 4307

1.555 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



51

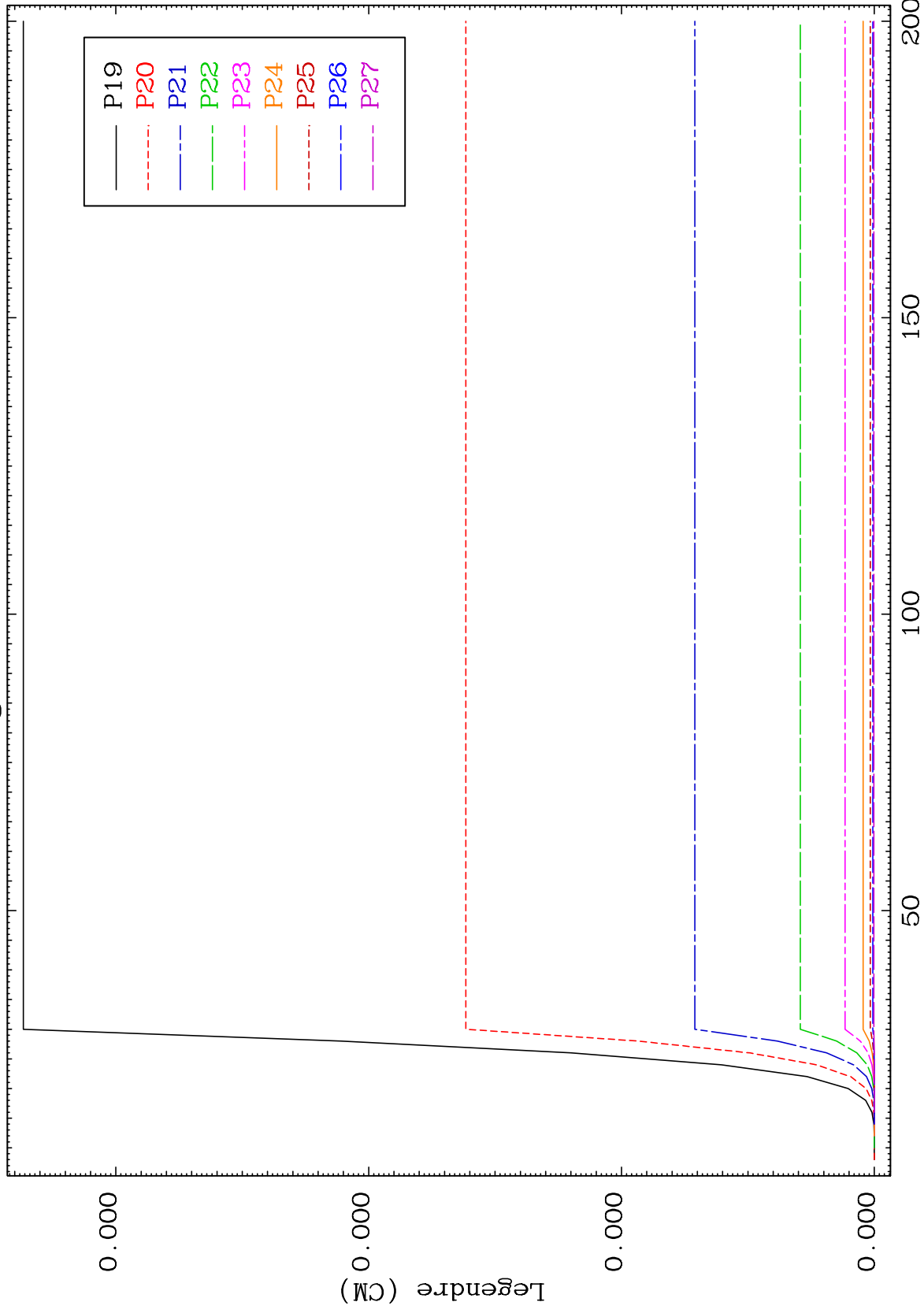
Incident Energy (MeV)

43-Tc-93

MAT 4307

1.555 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



52

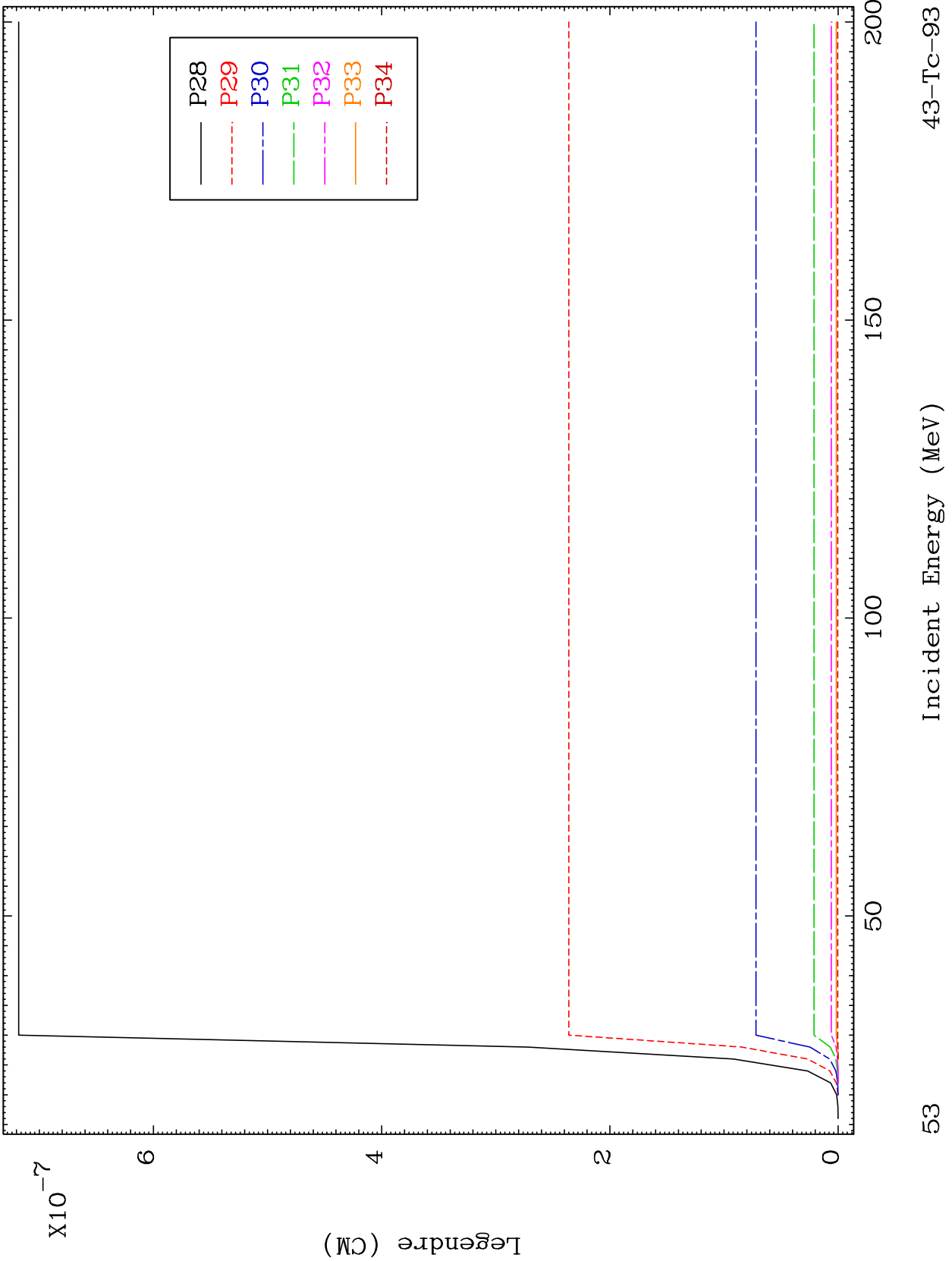
Incident Energy (MeV)

43-Tc-93

MAT 4307

1.555 MeV (n, n') Level  
Legendre Coefficients

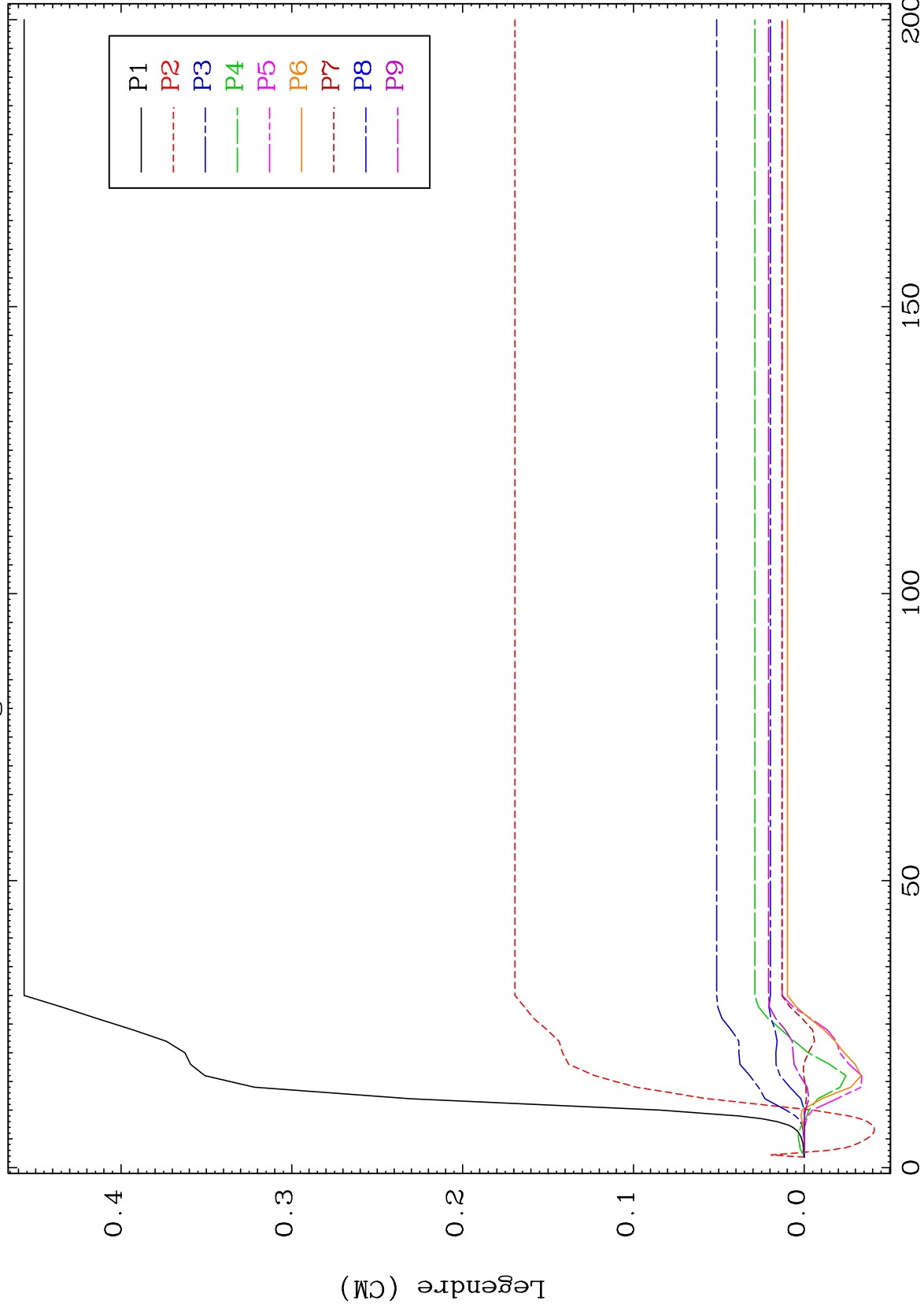
43-Tc-93



MAT 4307

1.788 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



54

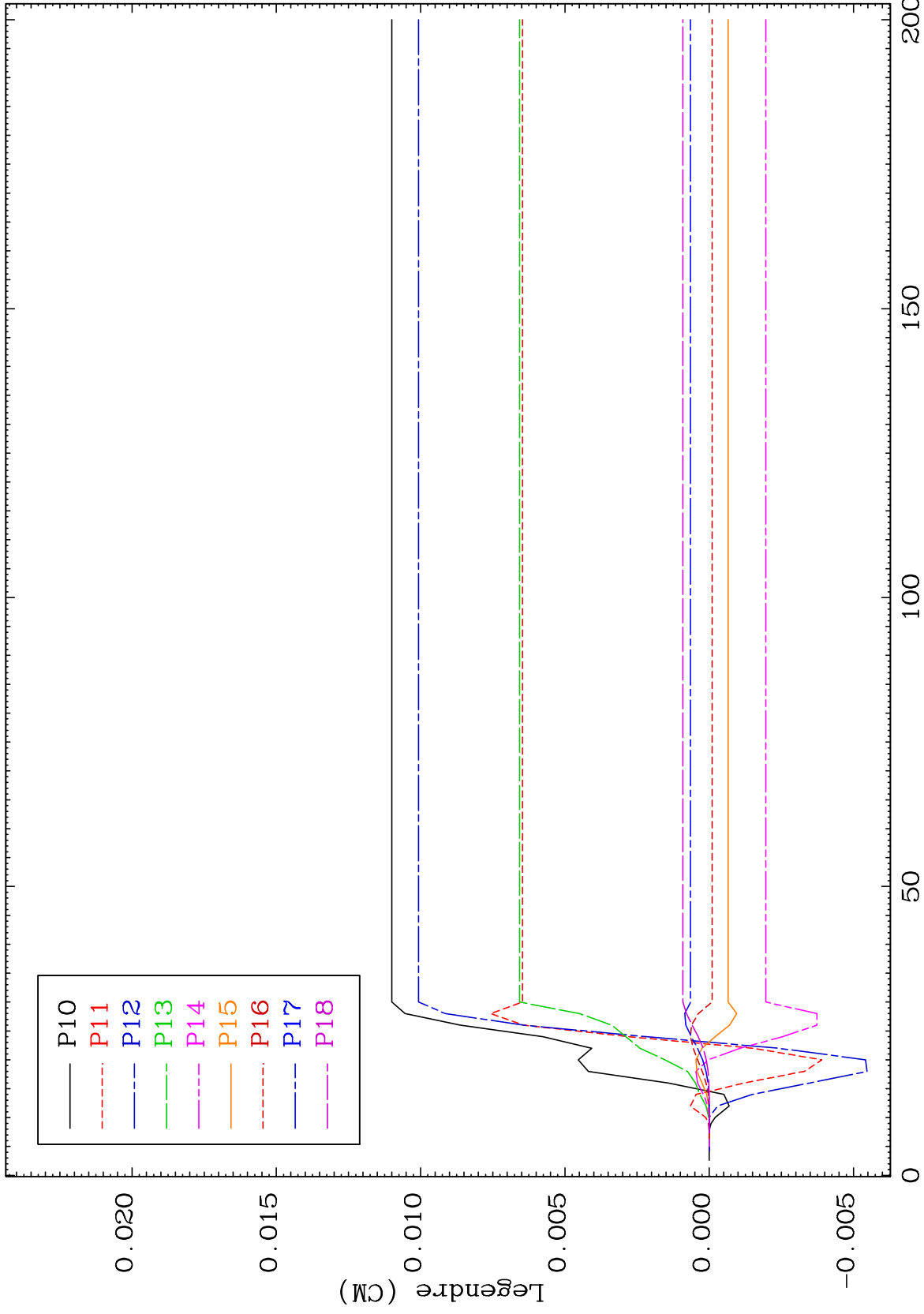
Incident Energy (MeV)

43-Tc-93

MAT 4307

1.788 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



55

Incident Energy (MeV)

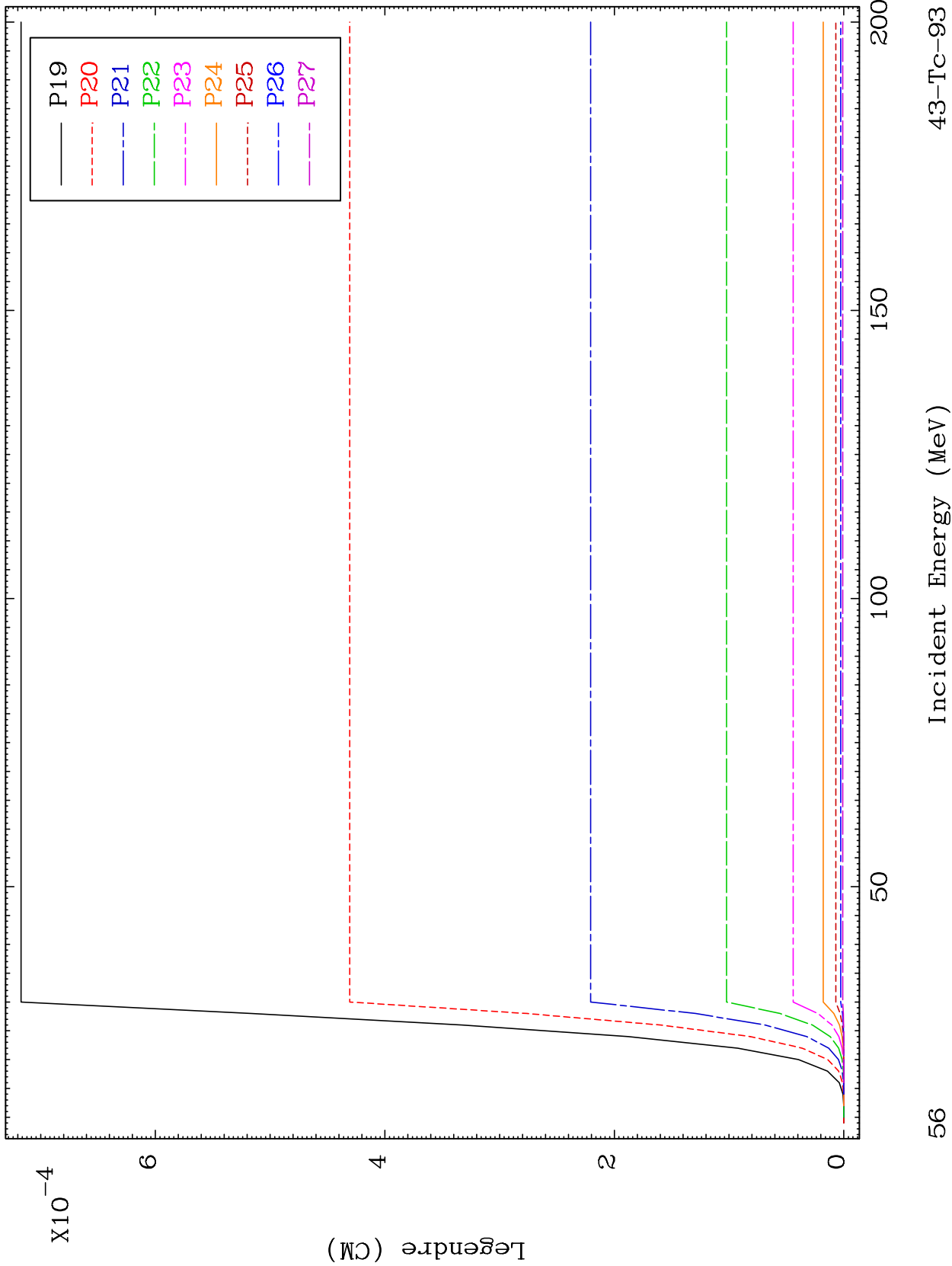
43-Tc-93



MAT 4307

1.788 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



56

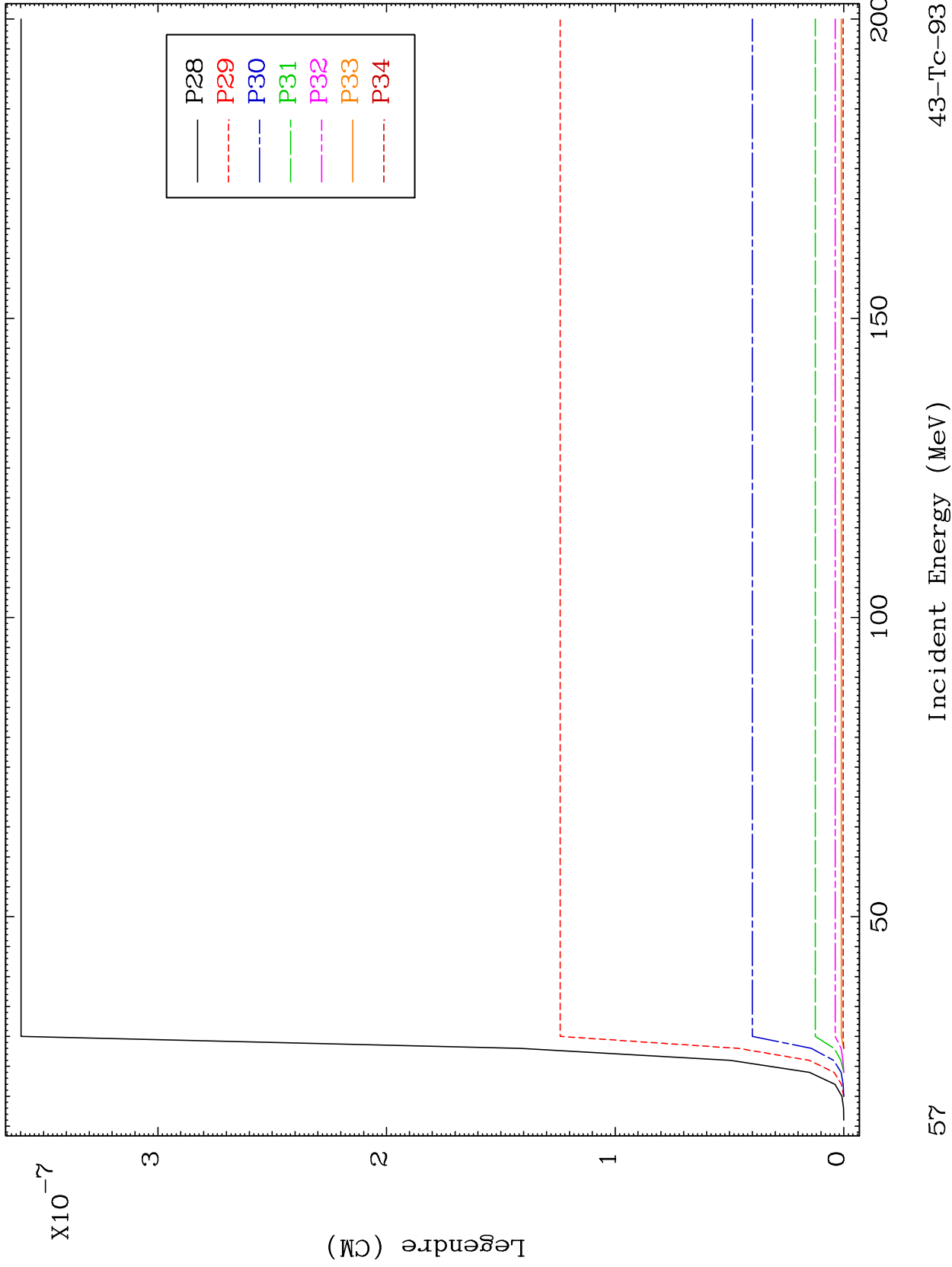
Incident Energy (MeV)

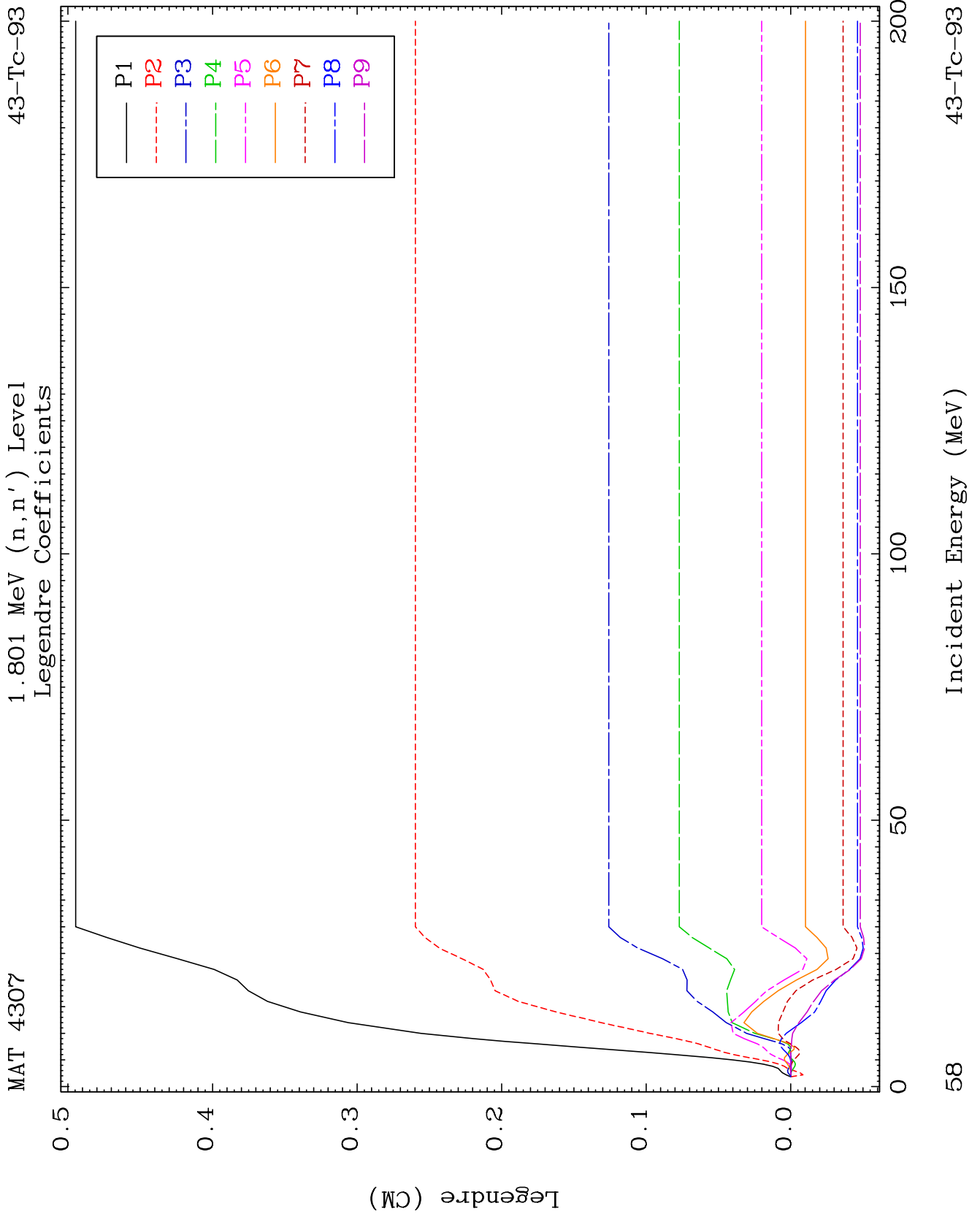
43-Tc-93

MAT 4307

1.788 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93

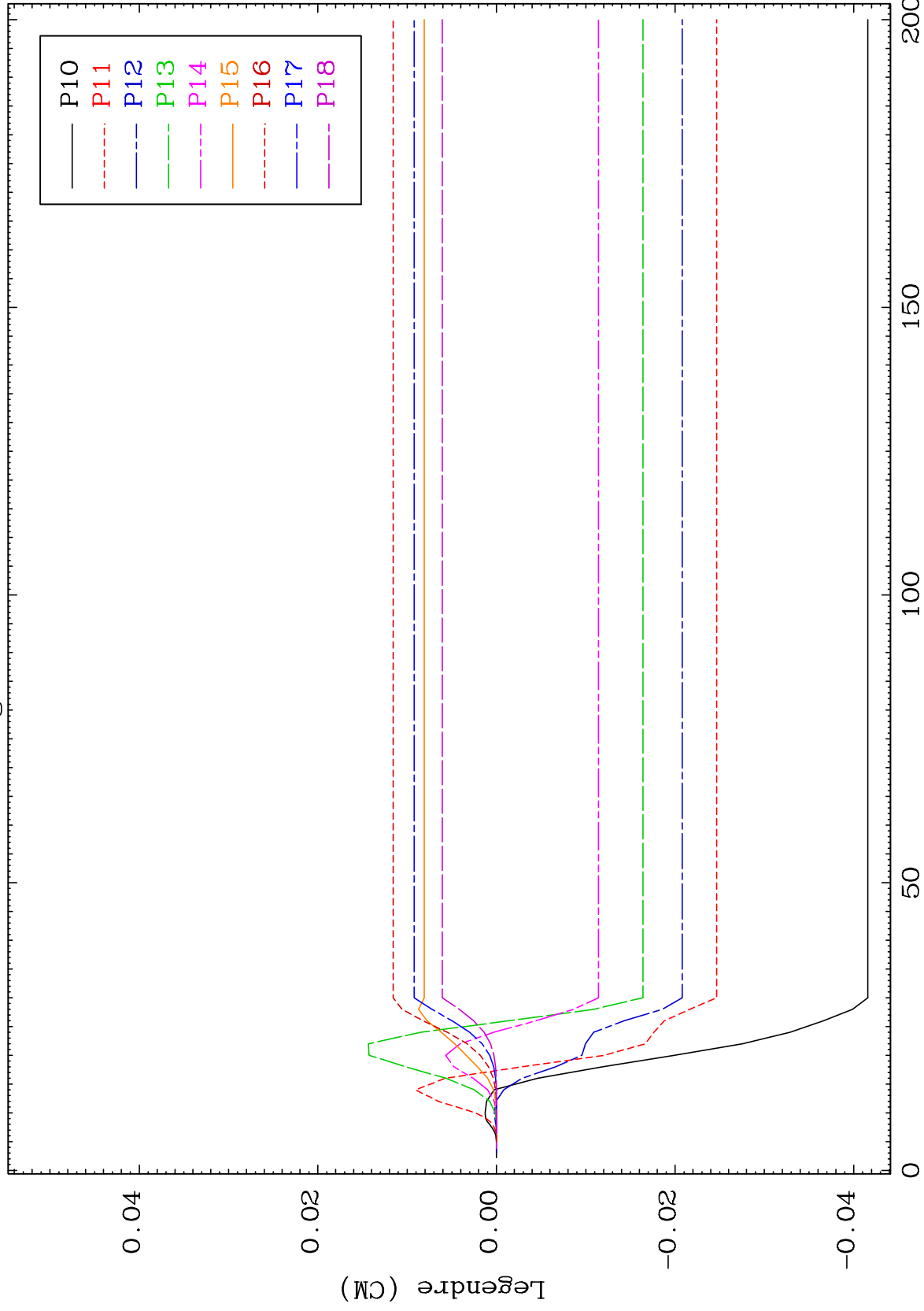




MAT 4307

1.801 MeV (n,n') Level  
Legendre Coefficients

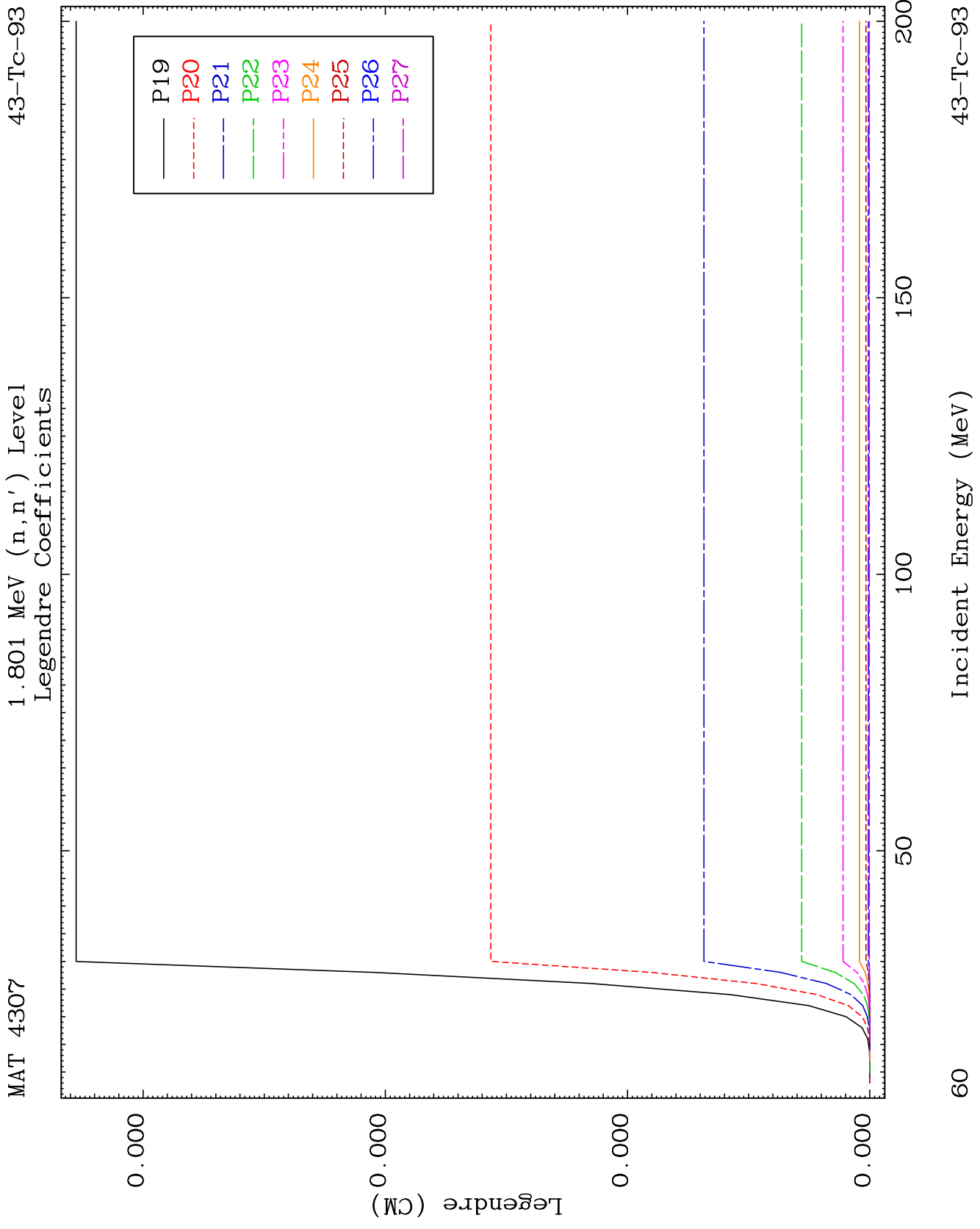
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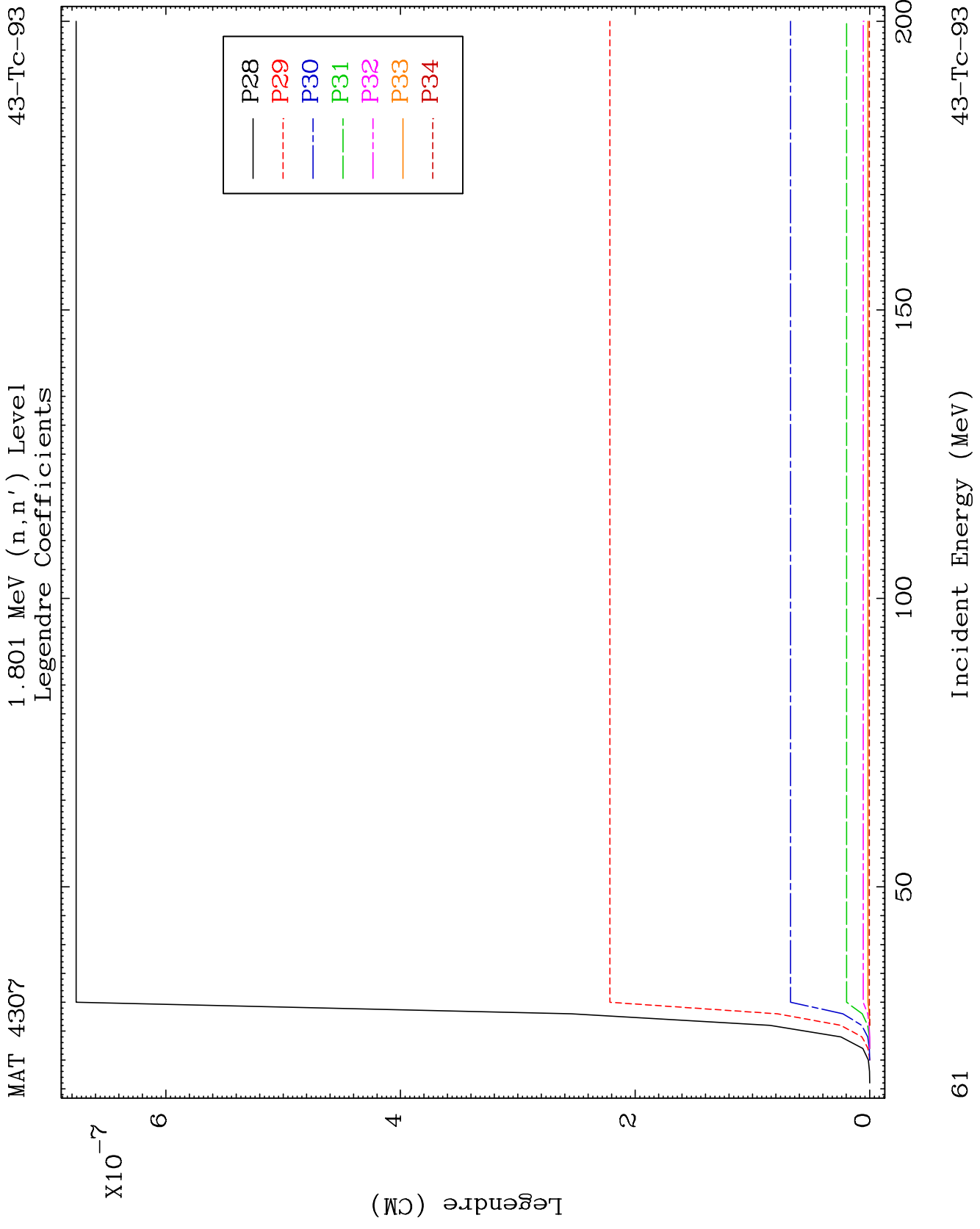


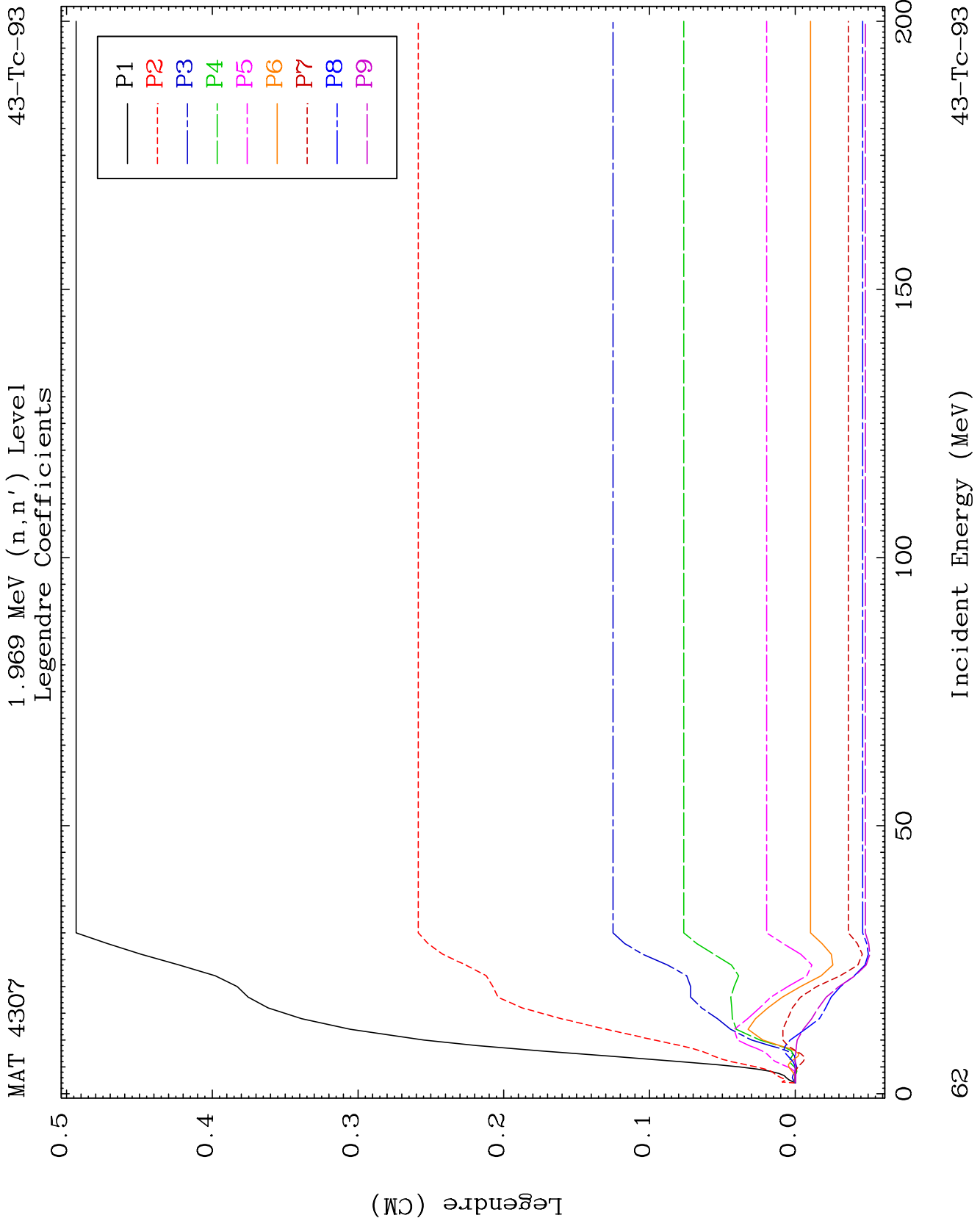
59

Incident Energy (MeV)

43-Tc-93



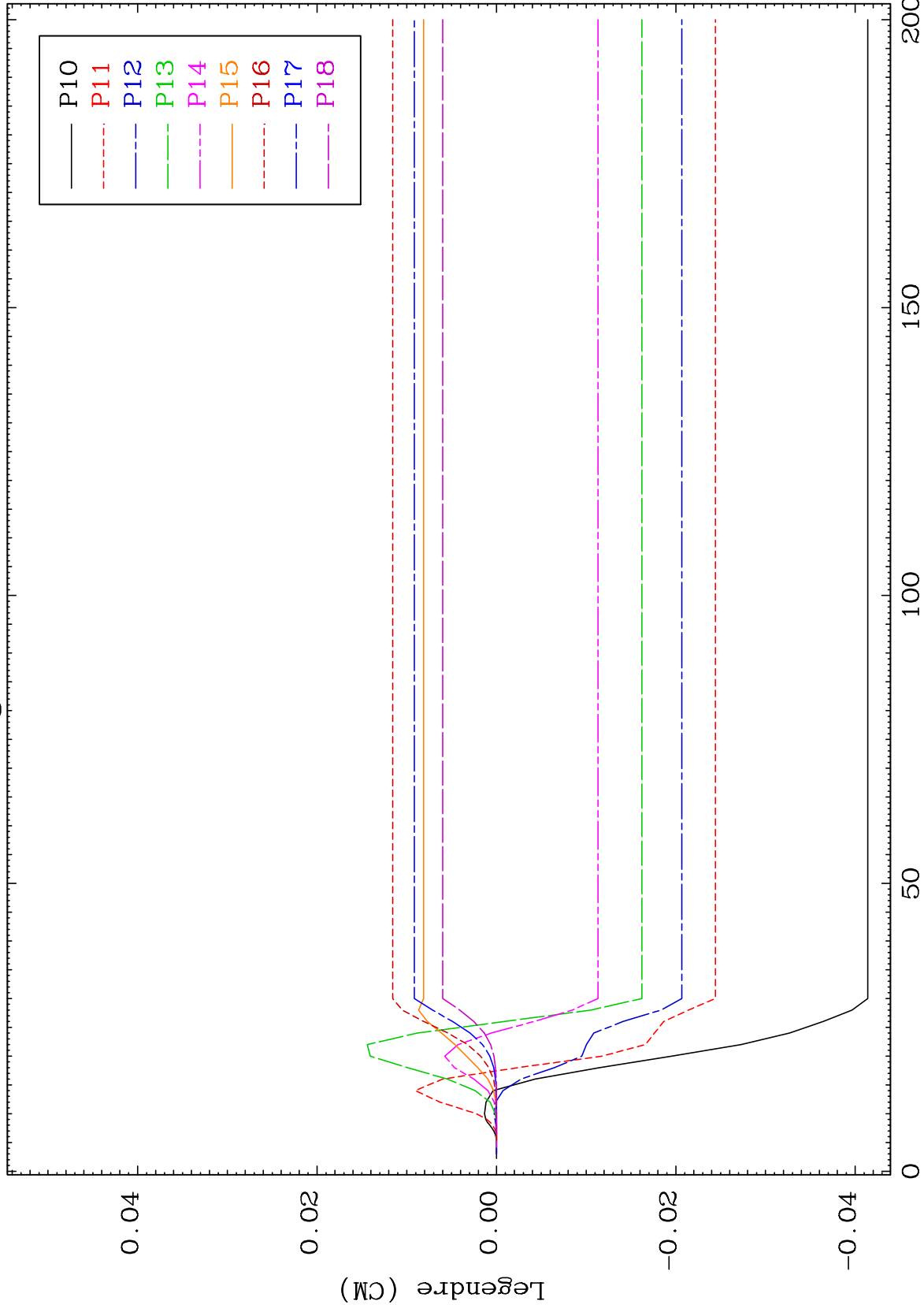




MAT 4307

1.969 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



63

Incident Energy (MeV)

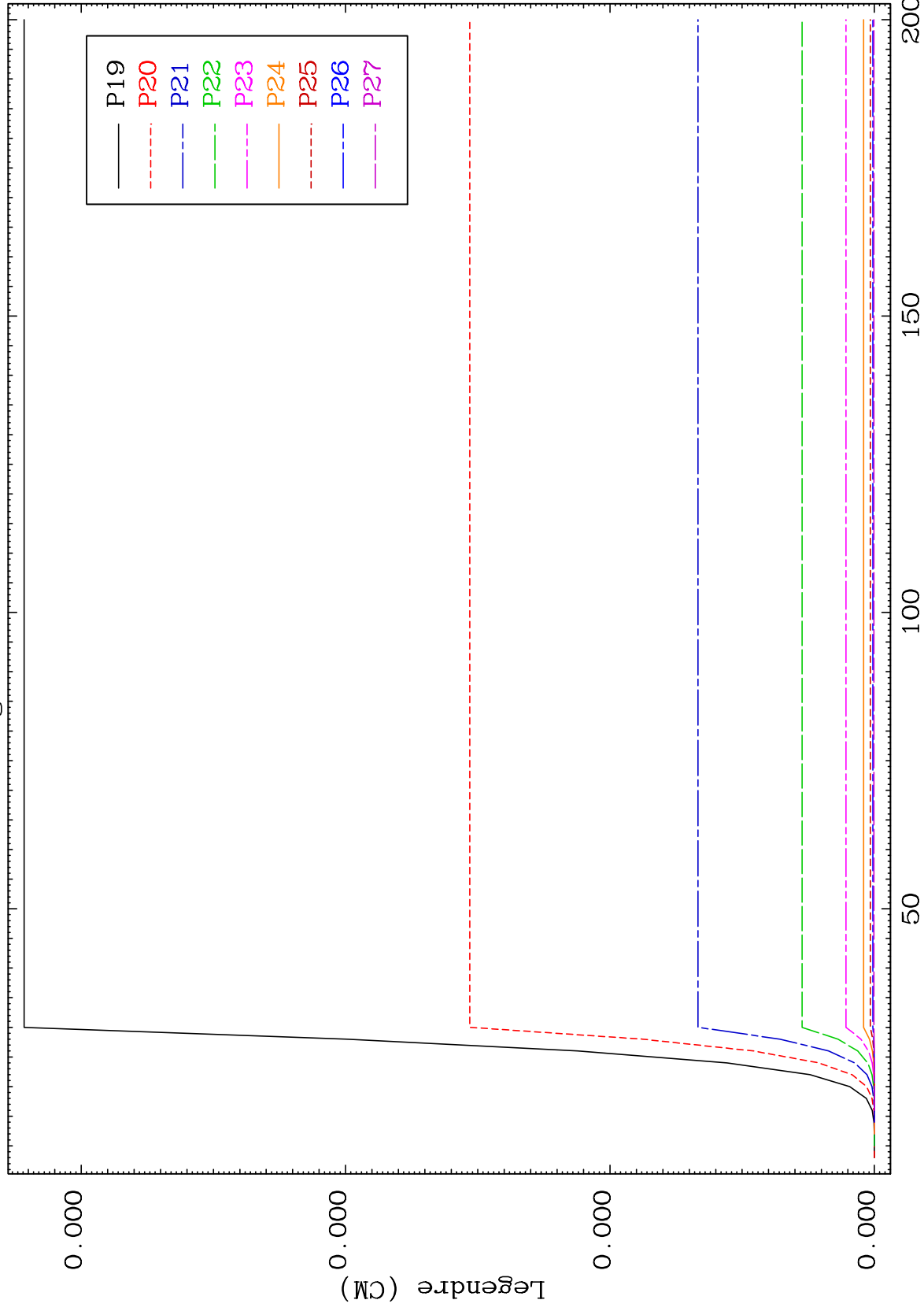
43-Tc-93



MAT 4307

1.969 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



64

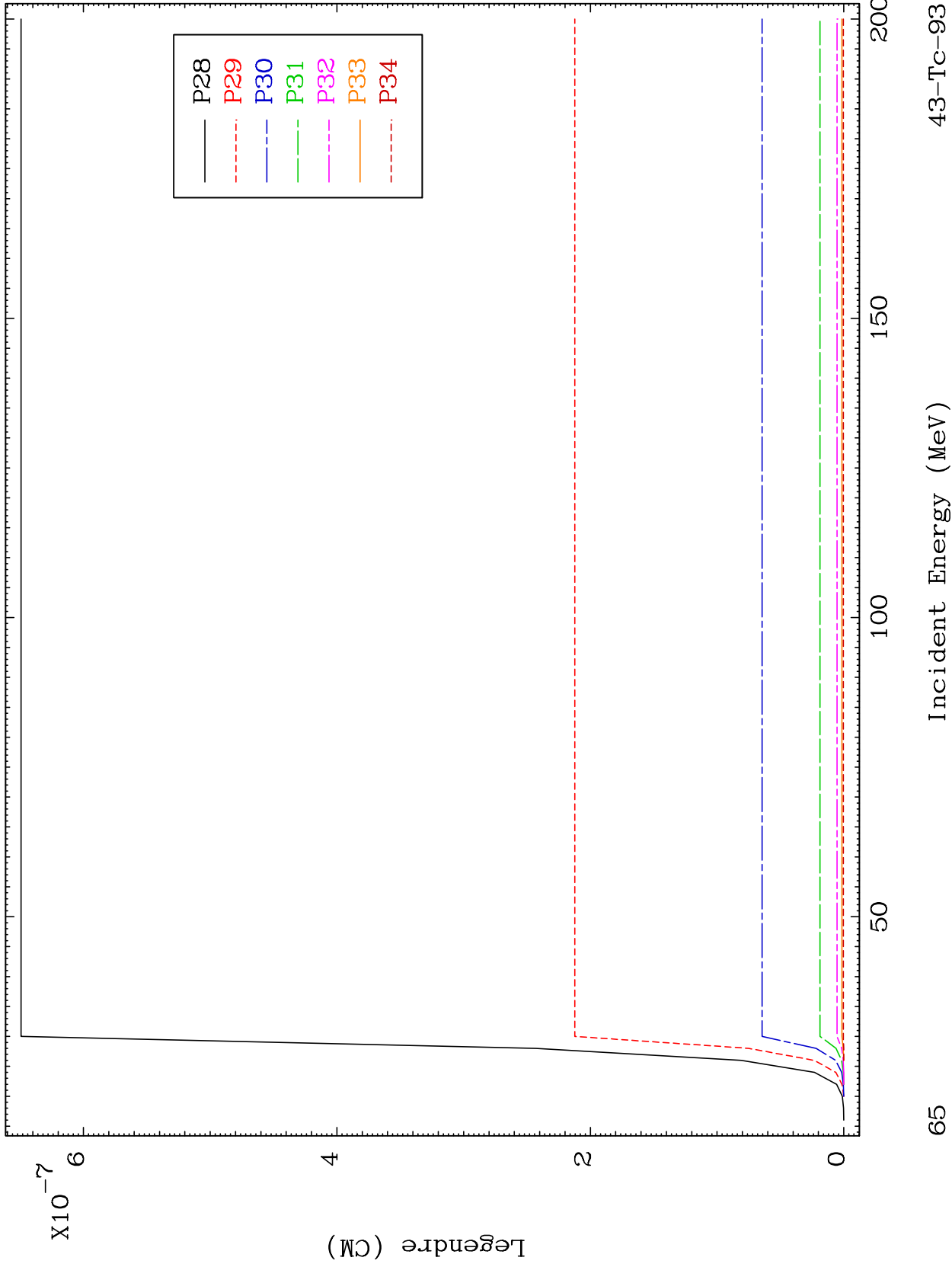
Incident Energy (MeV)

43-Tc-93

MAT 4307

1.969 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



43-Tc-93

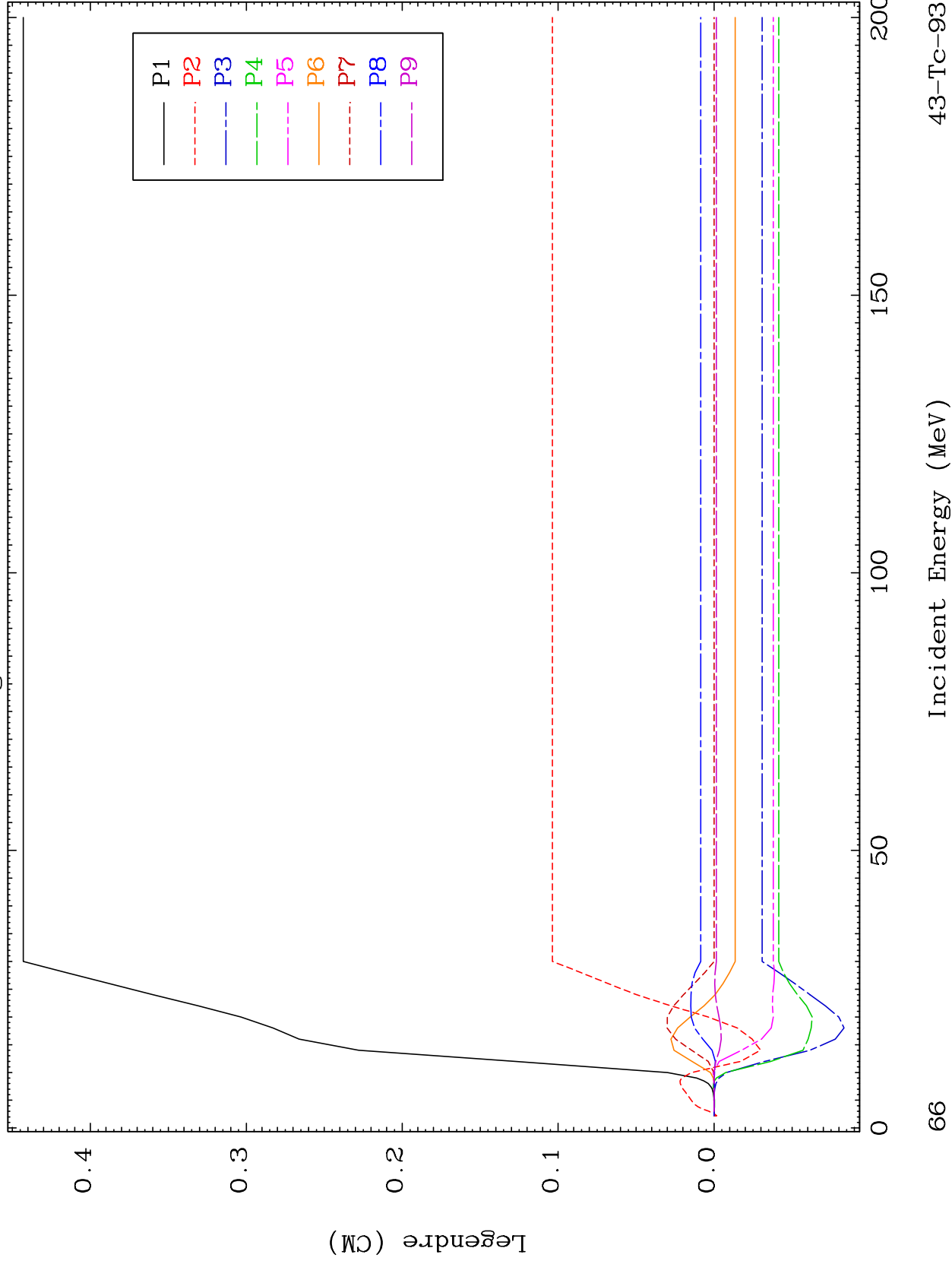
Incident Energy (MeV)

65

MAT 4307

2.134 MeV (n,n') Level  
Legendre Coefficients

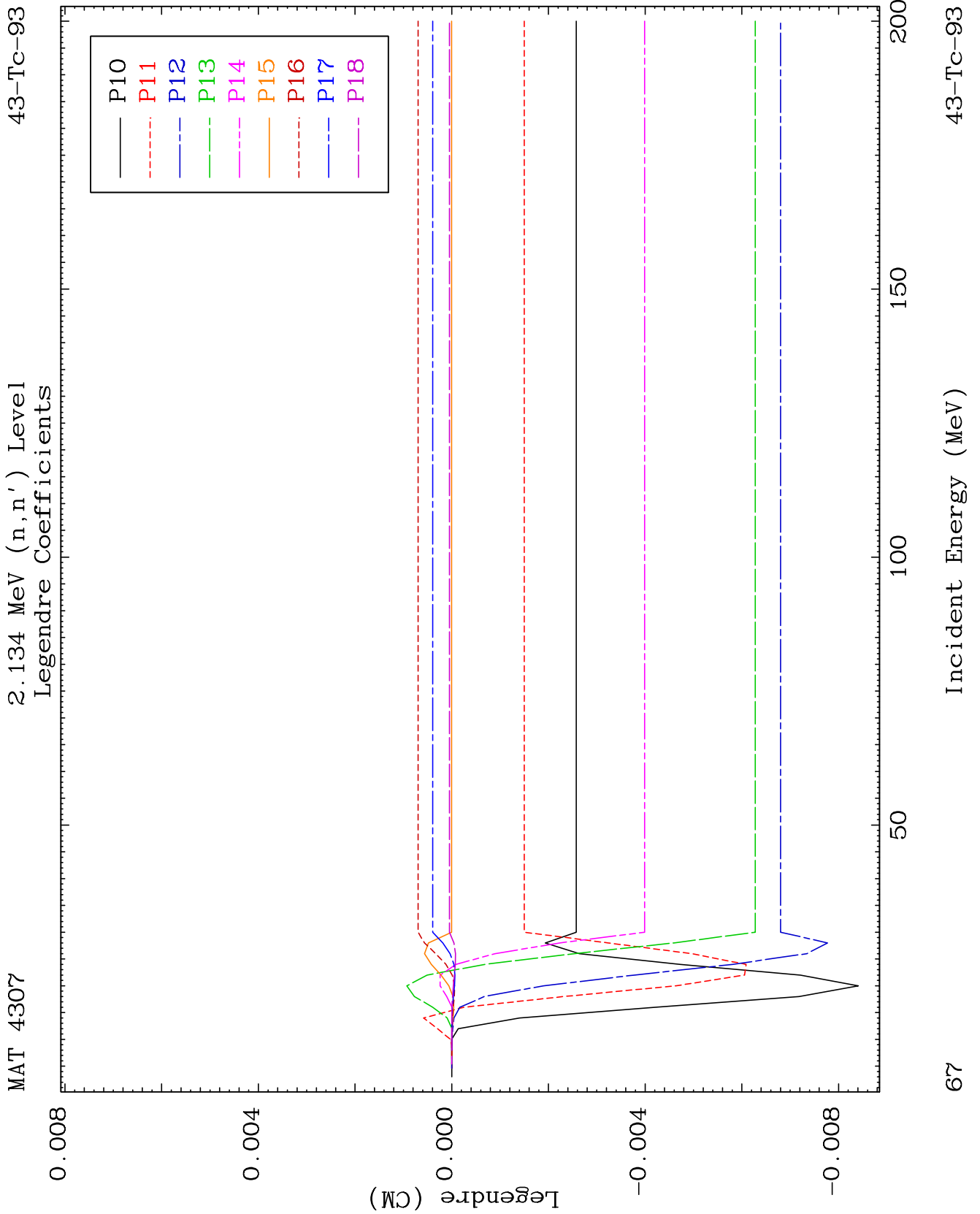
43-Tc-93



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Incident Energy (MeV)

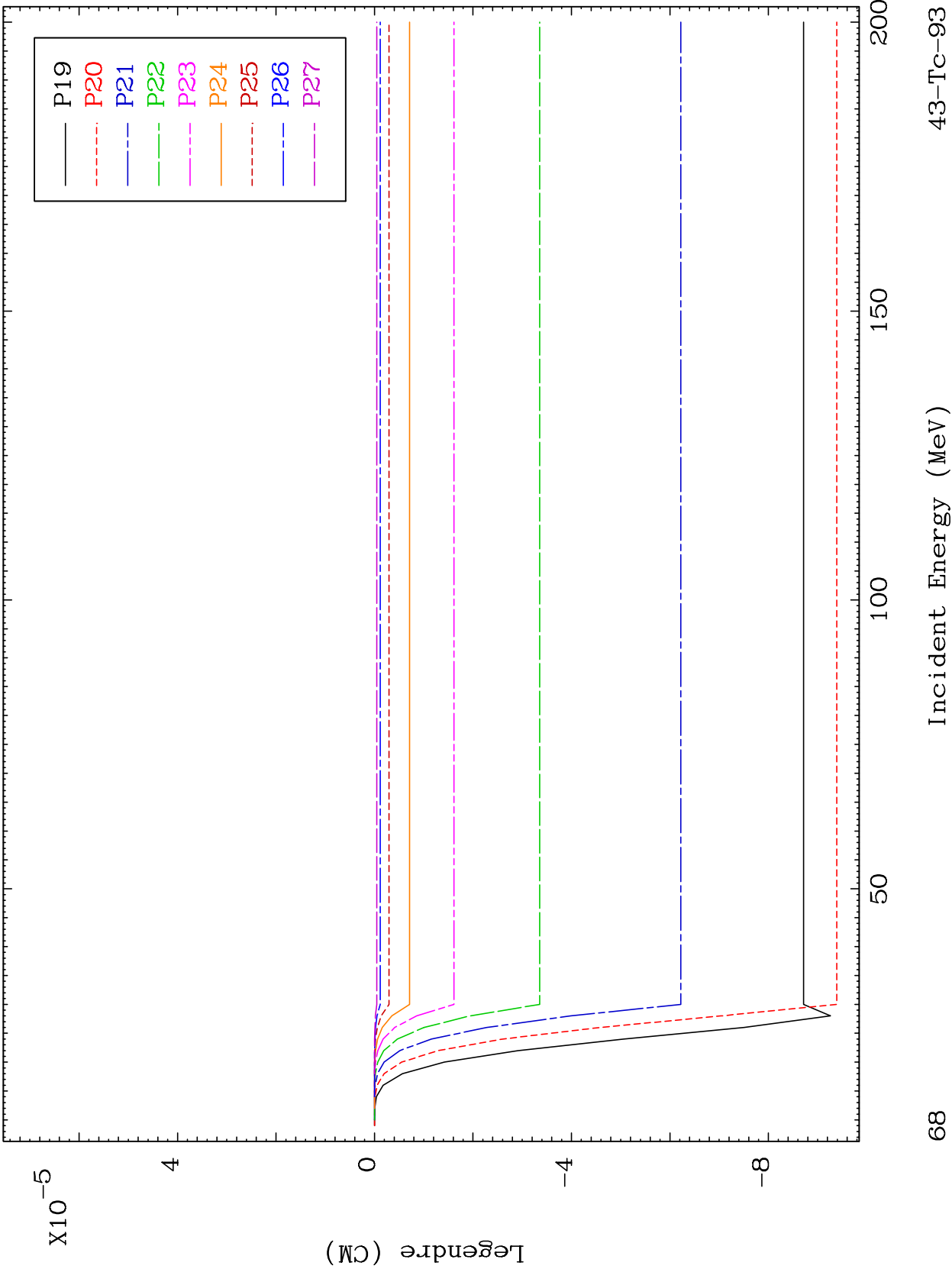
43-Tc-93



MAT 4307

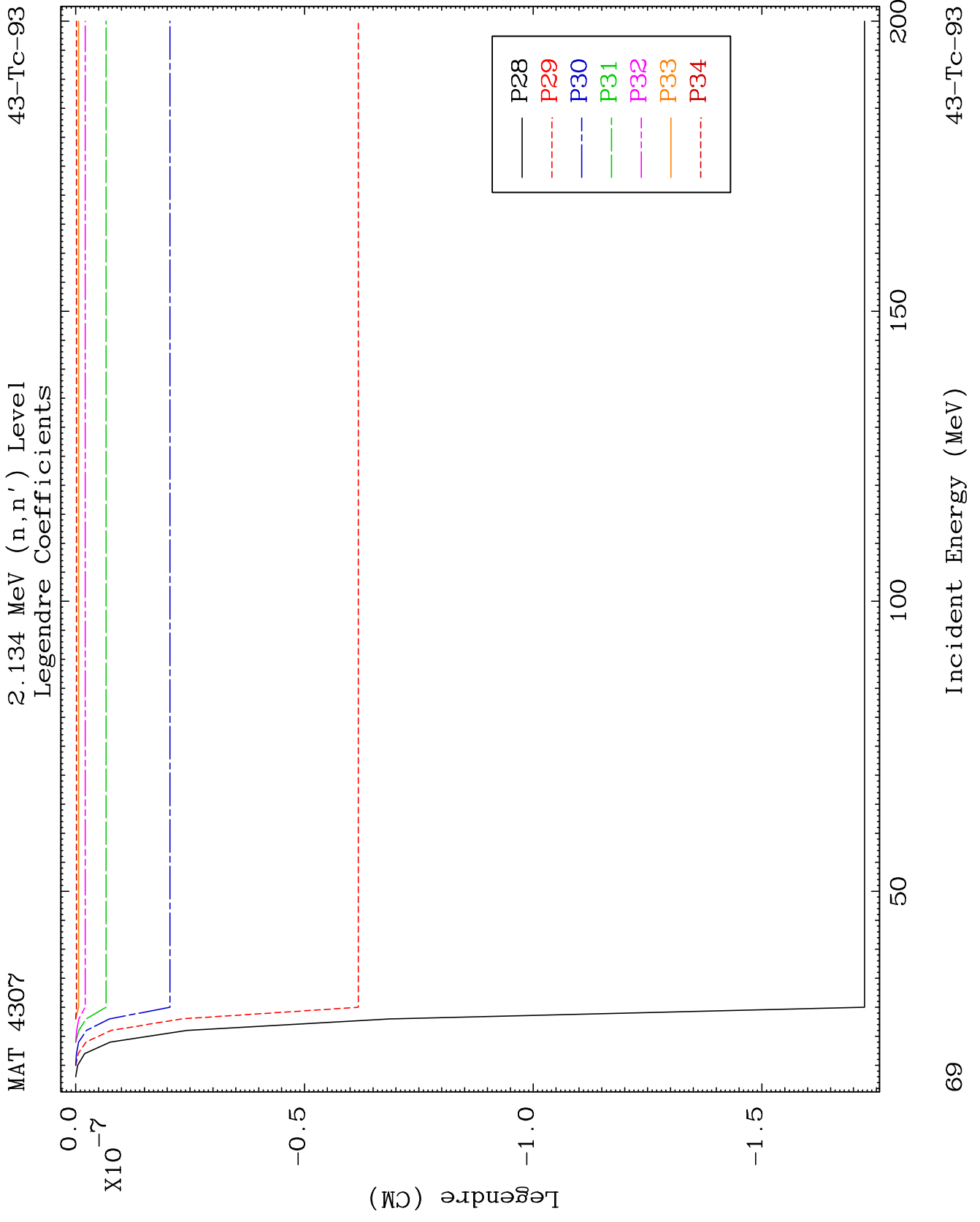
2.134 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



68

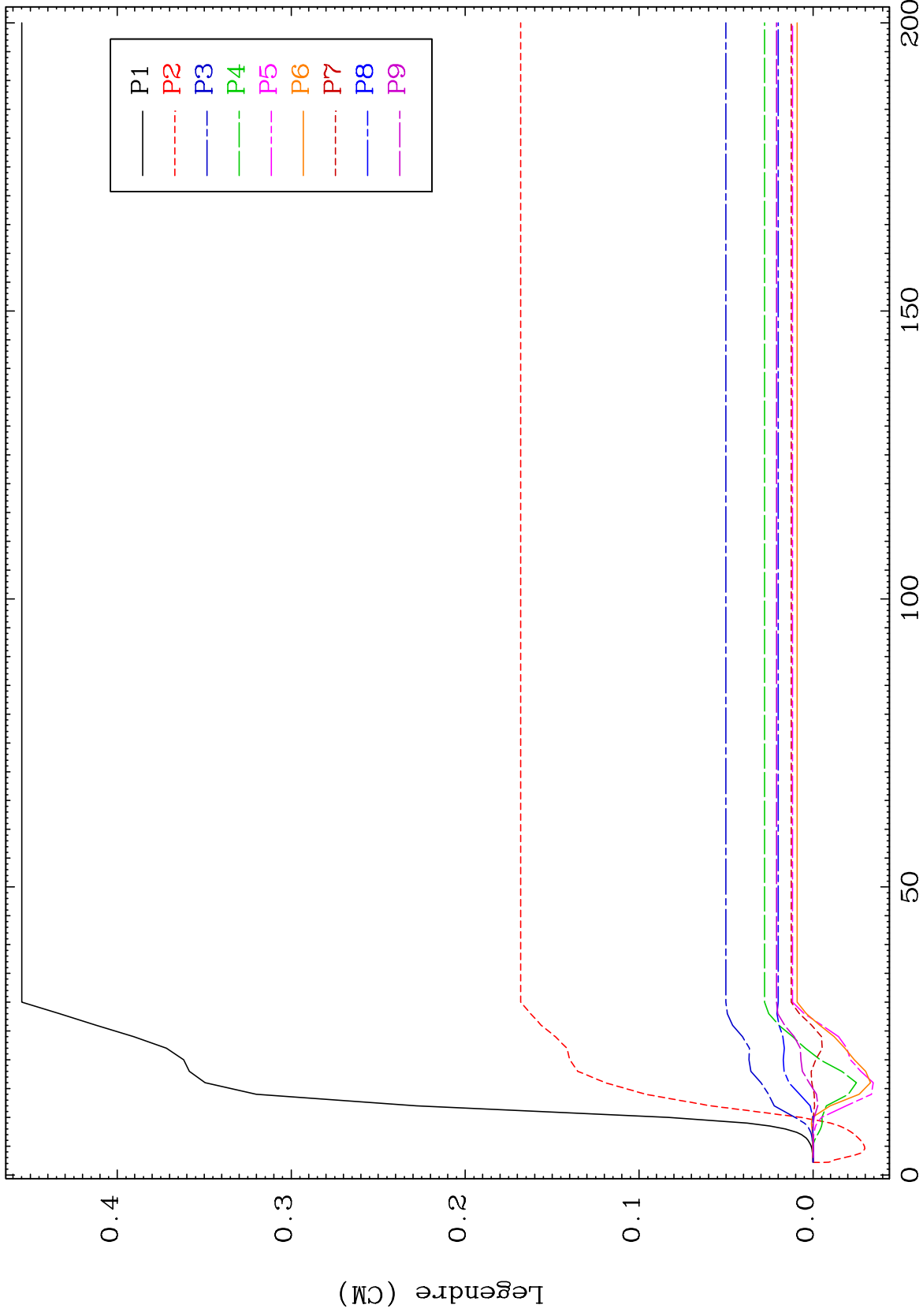
43-Tc-93



MAT 4307

2.142 MeV (n,n') Level  
Legendre Coefficients

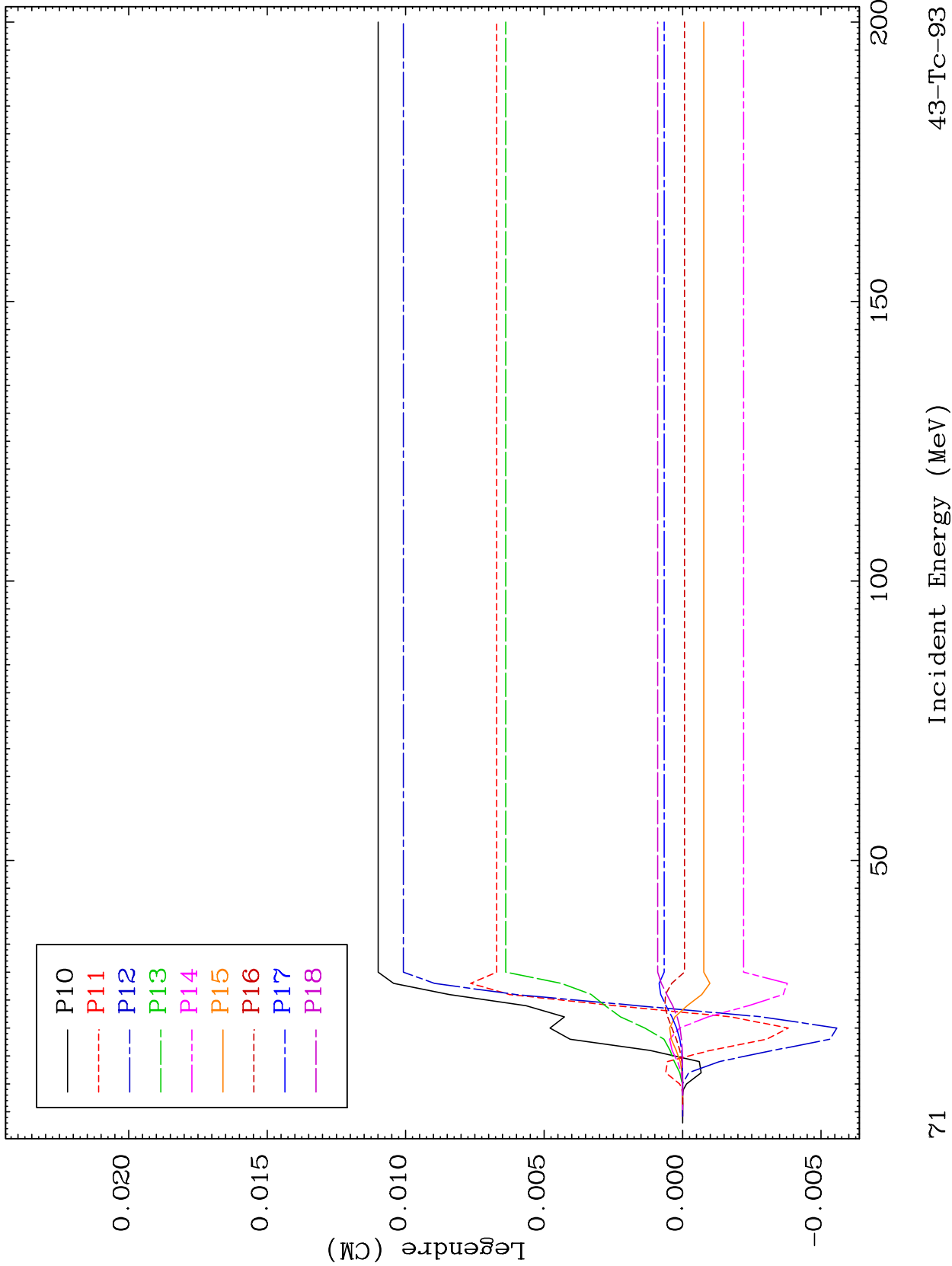
43-Tc-93



43-Tc-93

Incident Energy (MeV)

70

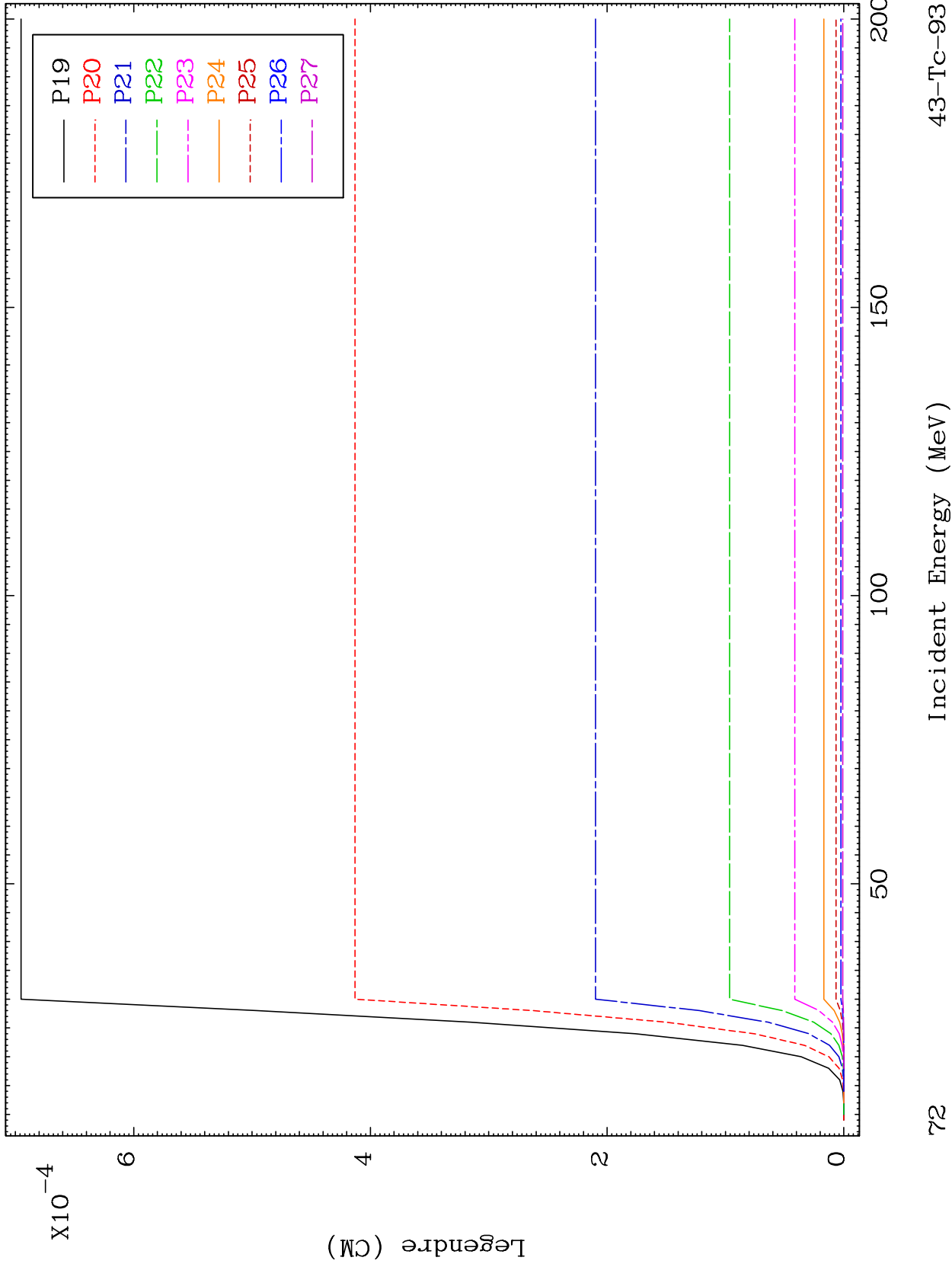




MAT 4307

2.142 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



72

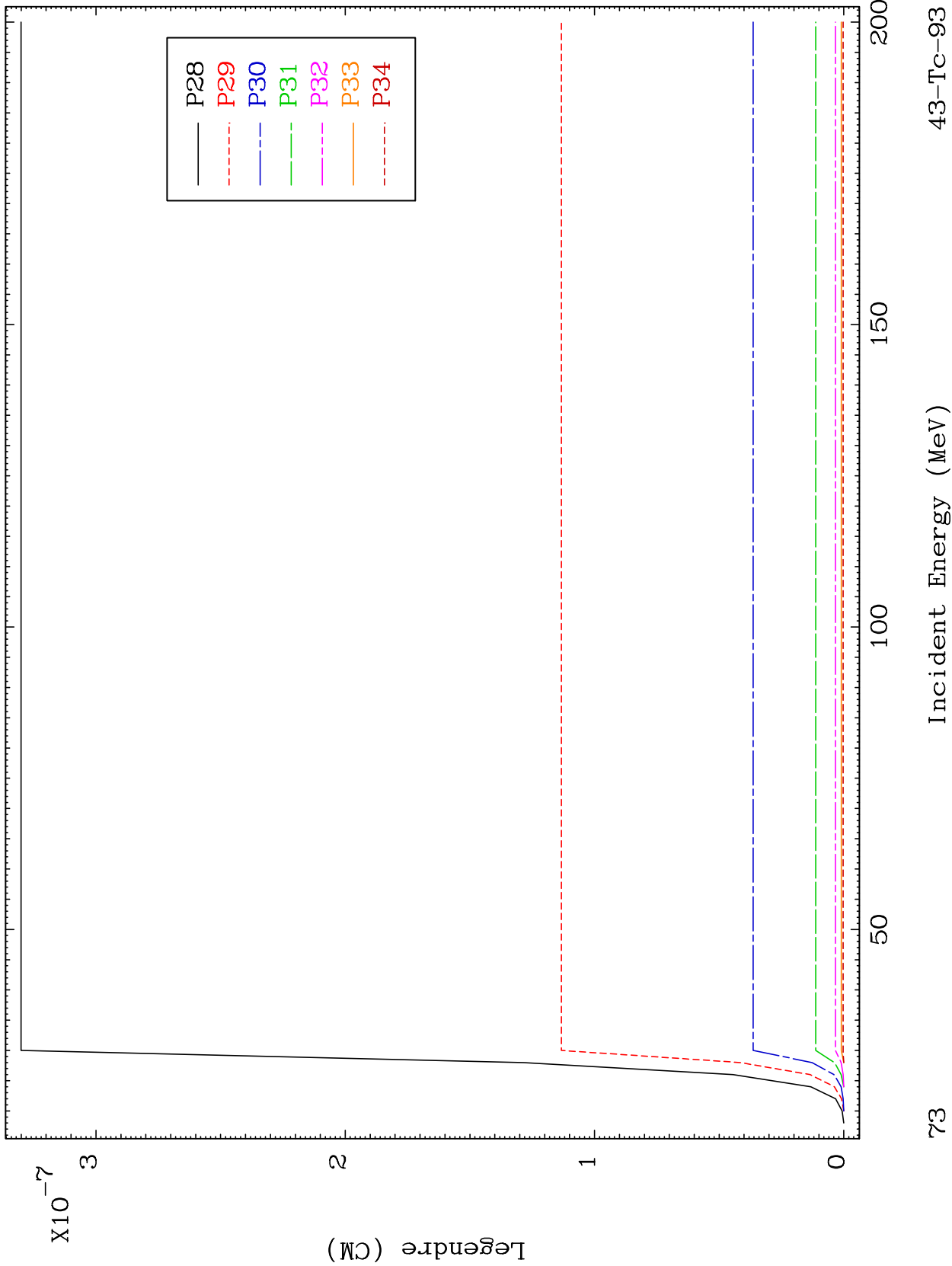
Incident Energy (MeV)

43-Tc-93

MAT 4307

2.142 MeV (n, n') Level  
Legendre Coefficients

43-Tc-93



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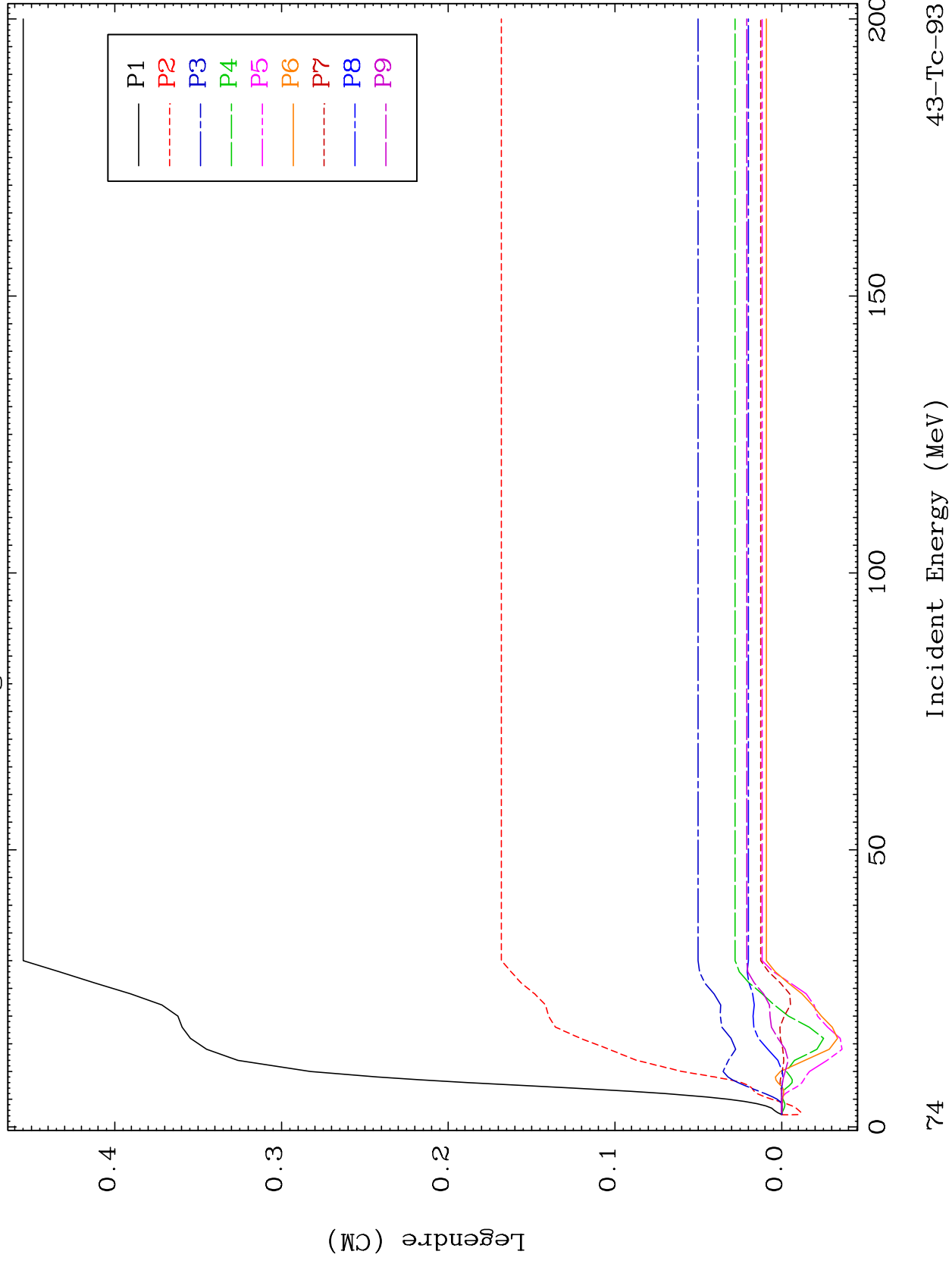
Incident Energy (MeV)

43-Tc-93

MAT 4307

2.145 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



74

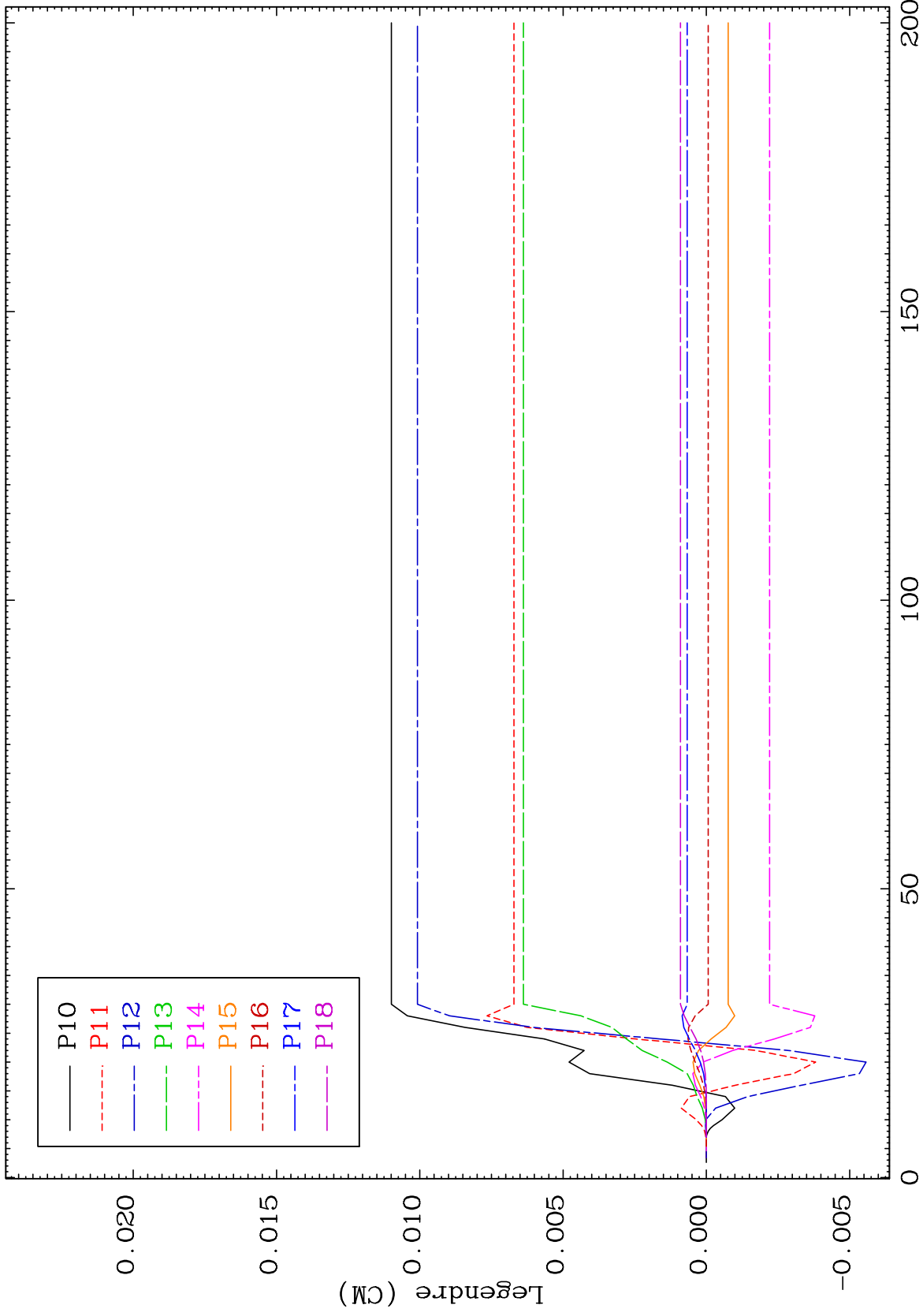
Incident Energy (MeV)

43-Tc-93

MAT 4307

2.145 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



75

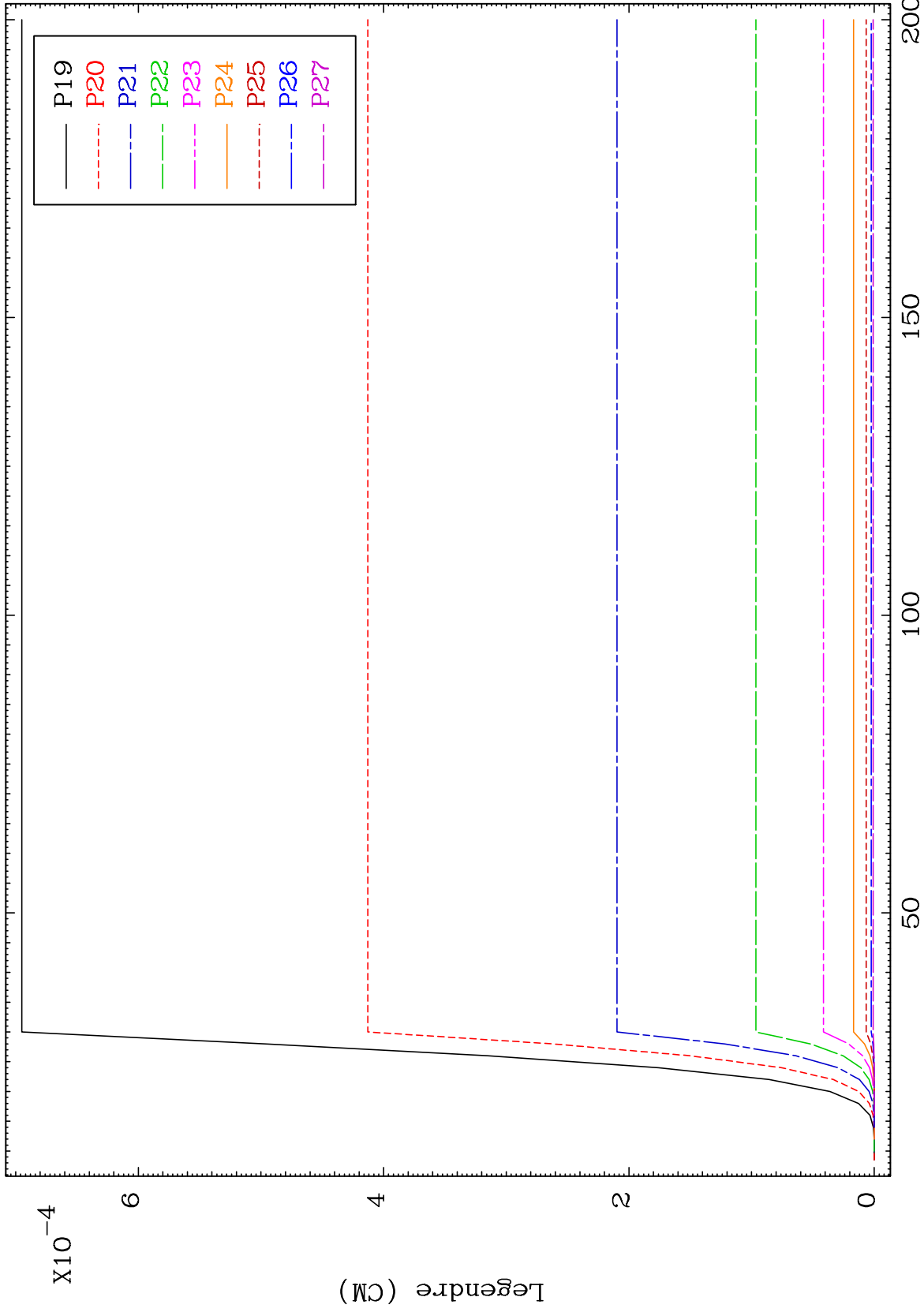
Incident Energy (MeV)

43-Tc-93

MAT 4307

2.145 MeV (n, n') Level  
Legendre Coefficients

43-Tc-93



76

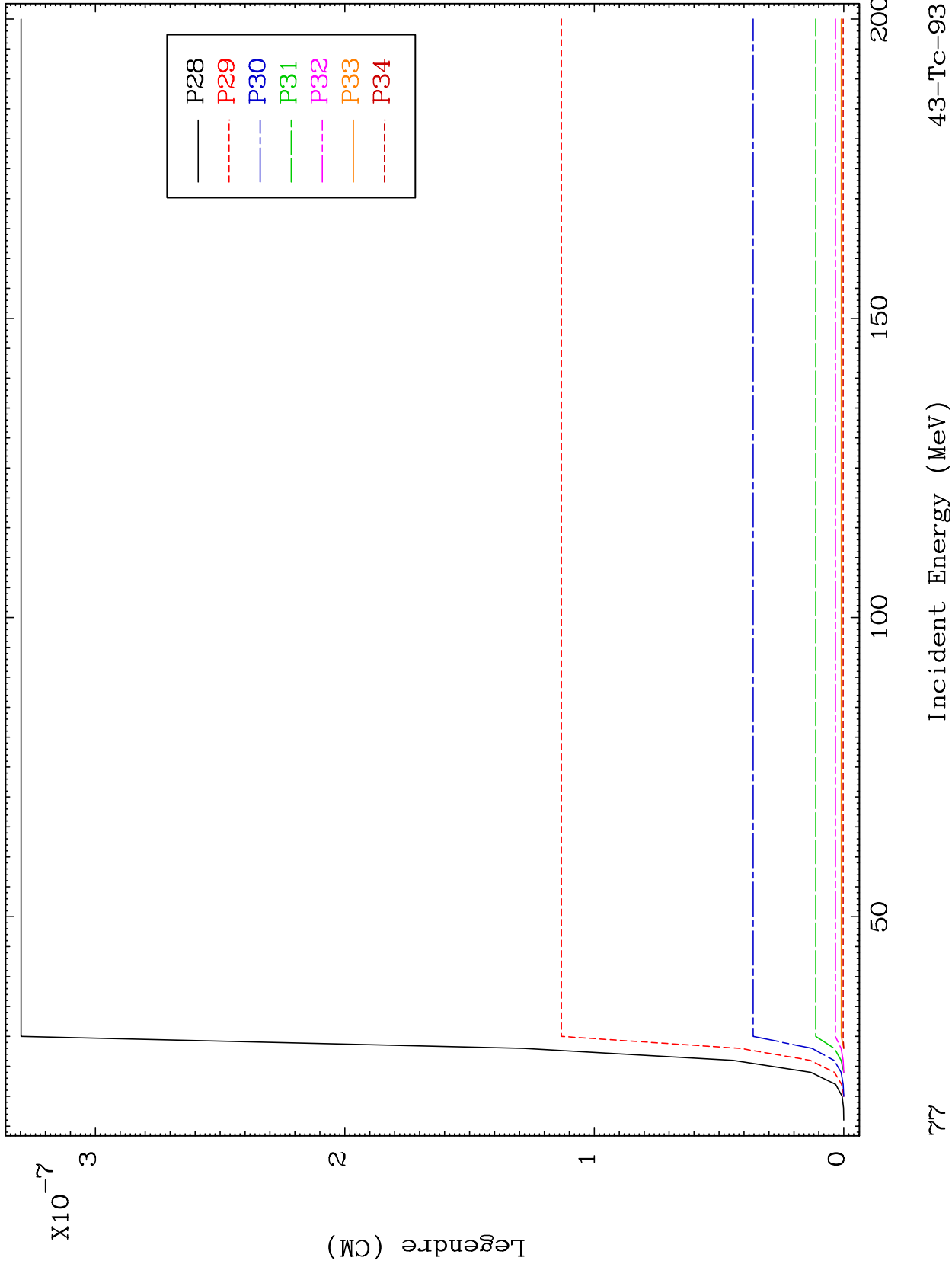
Incident Energy (MeV)

43-Tc-93

MAT 4307

2.145 MeV (n,n') Level  
Legendre Coefficients

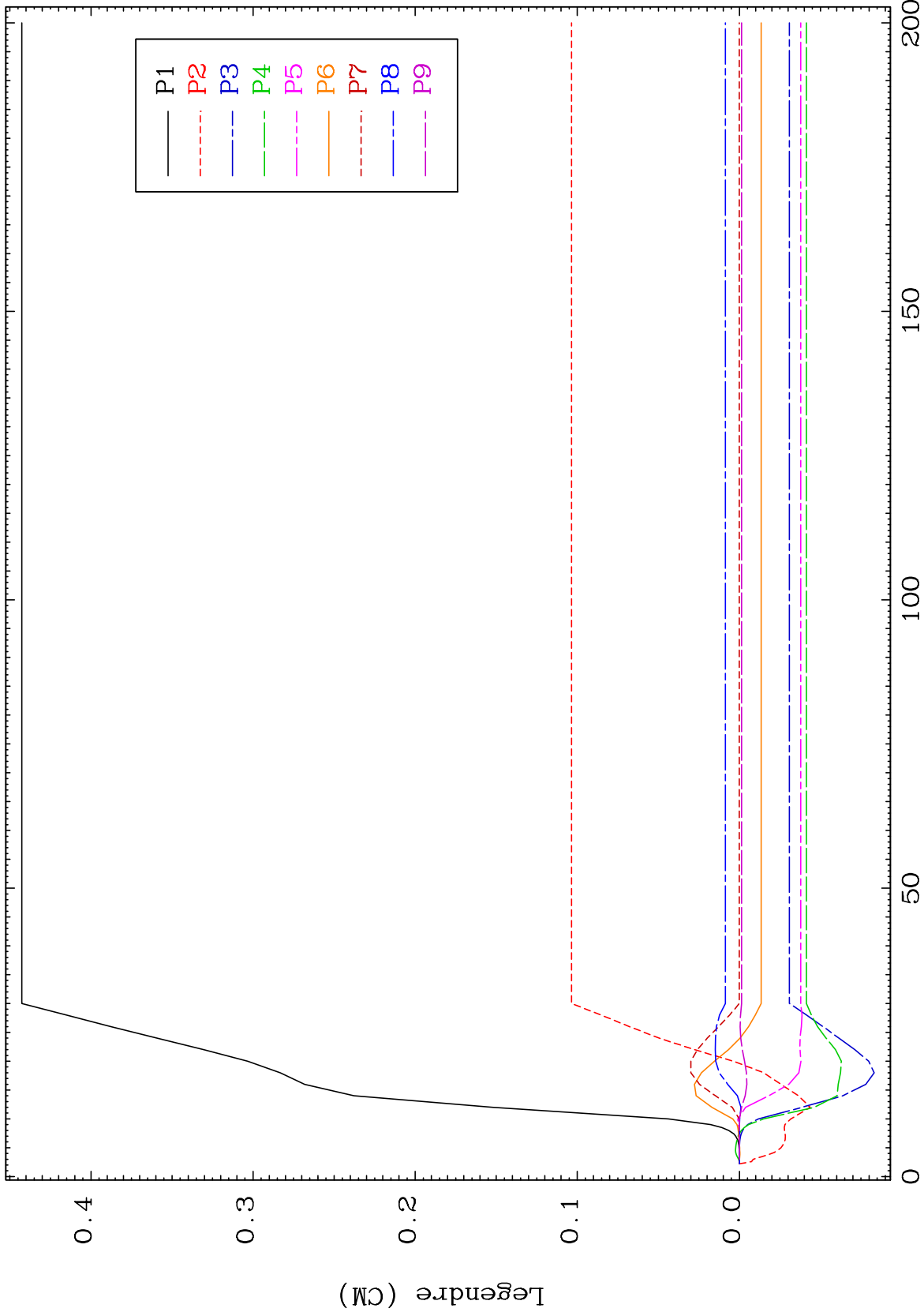
43-Tc-93



MAT 4307

2.185 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



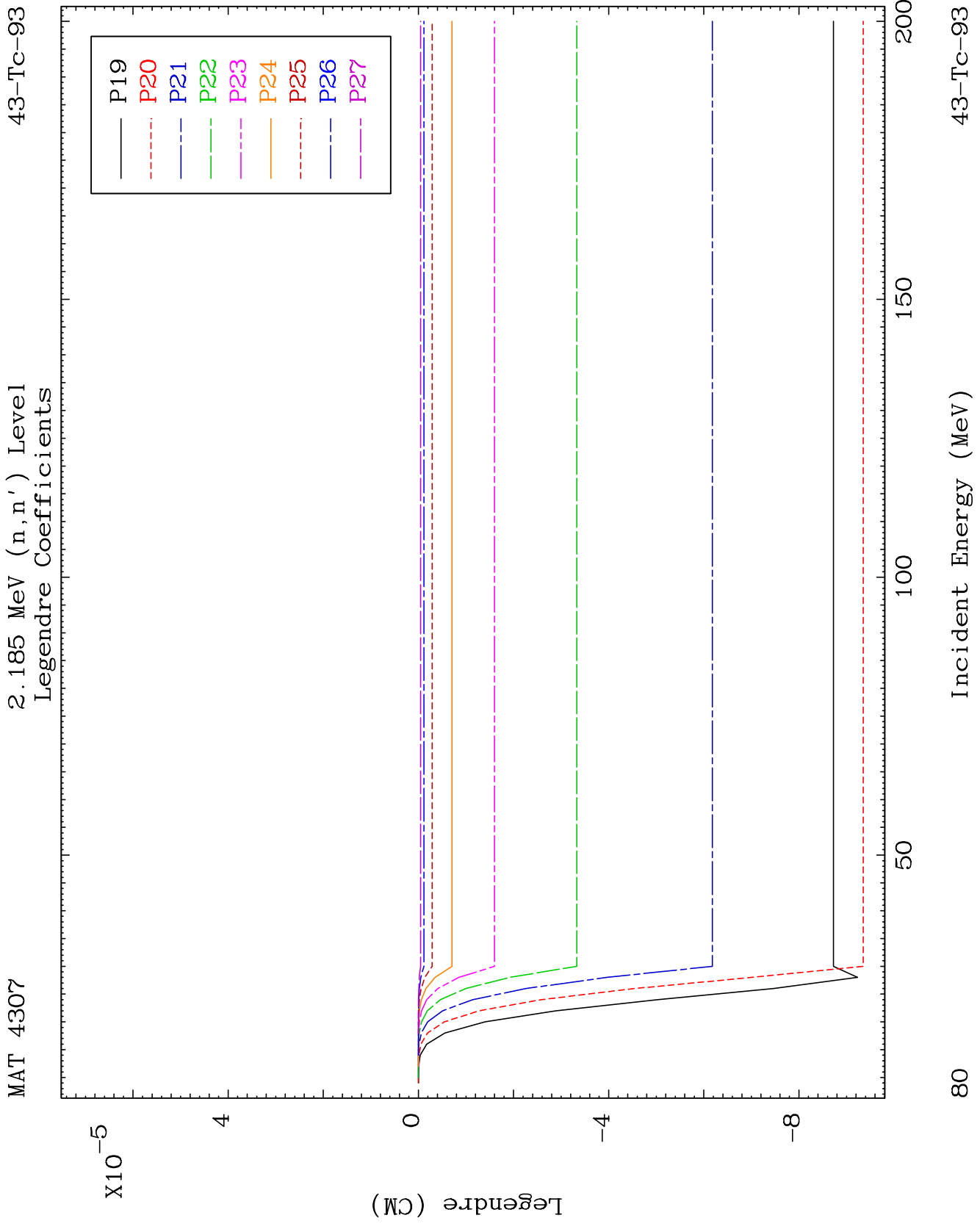
78

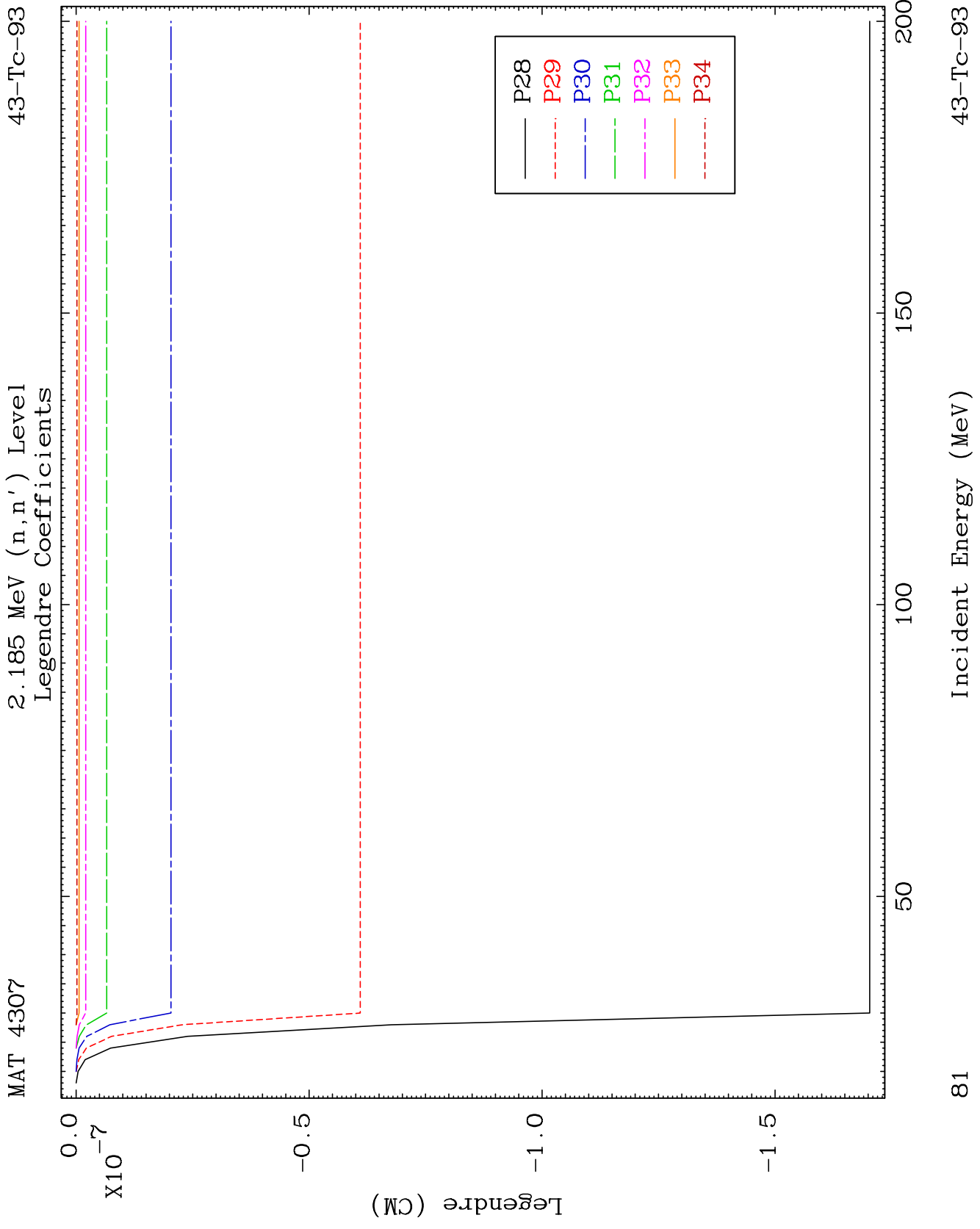
Incident Energy (MeV)

43-Tc-93





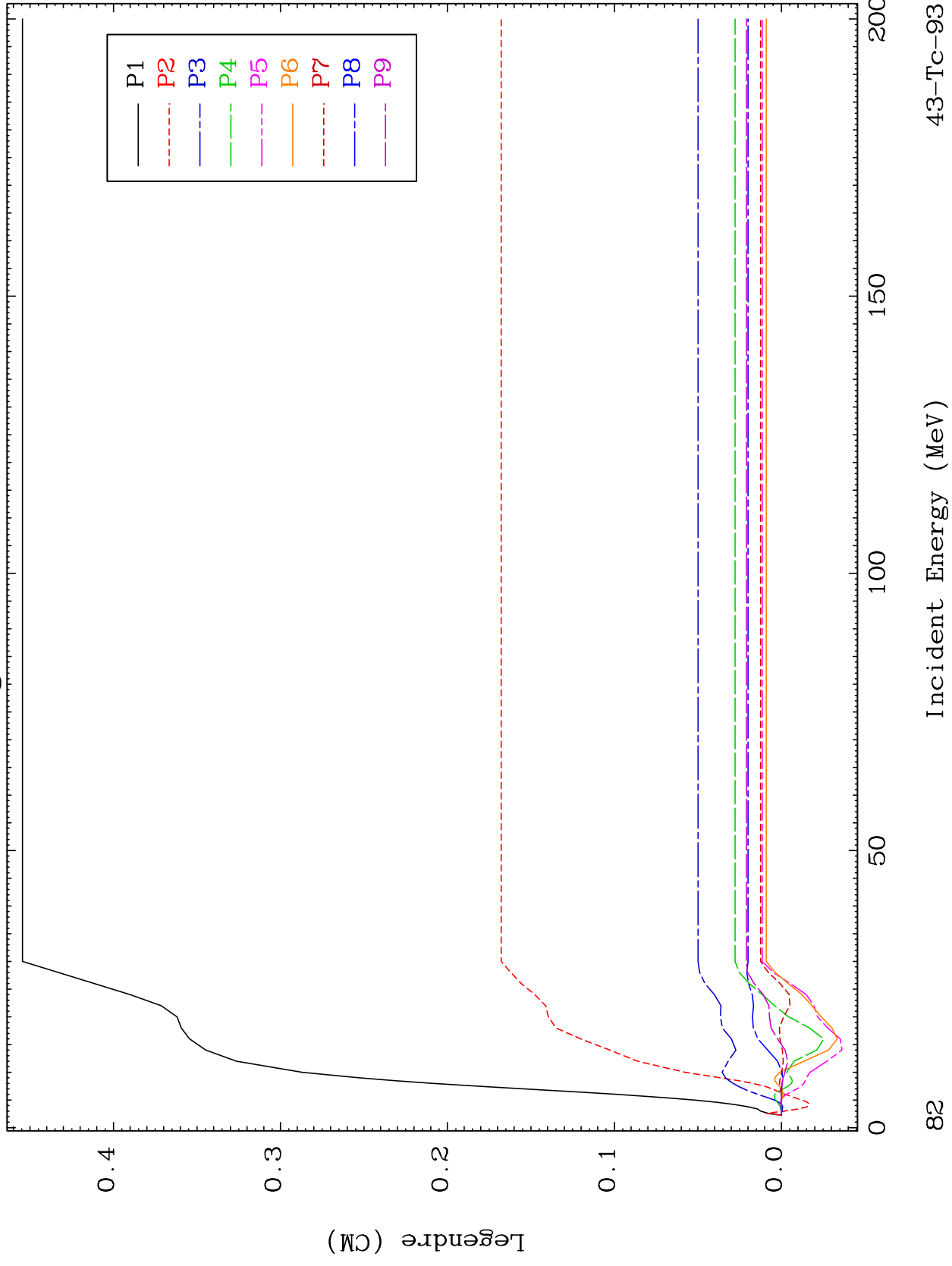




MAT 4307

2.221 MeV (n,n') Level  
Legendre Coefficients

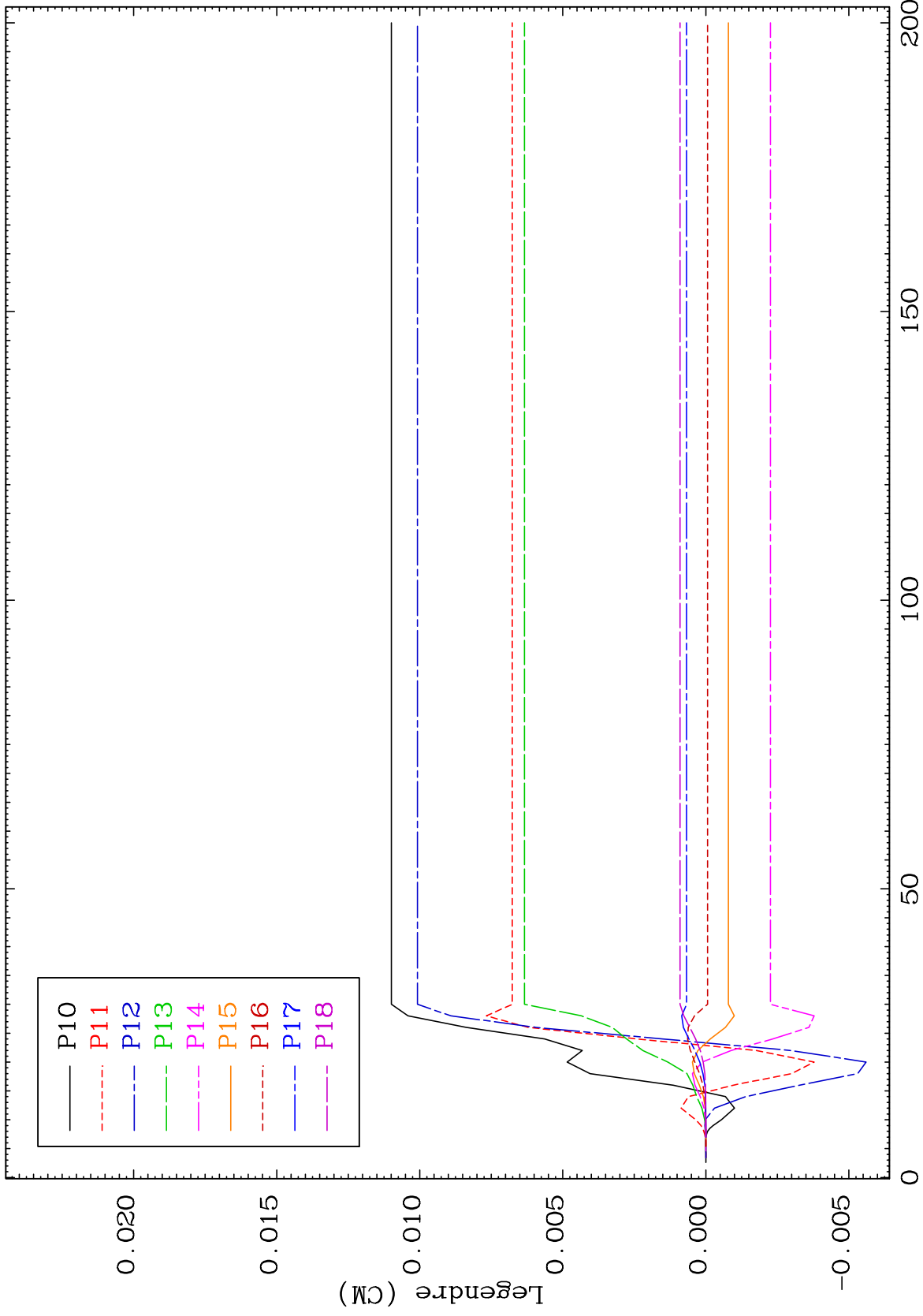
43-Tc-93



43-Tc-93

Incident Energy (MeV)

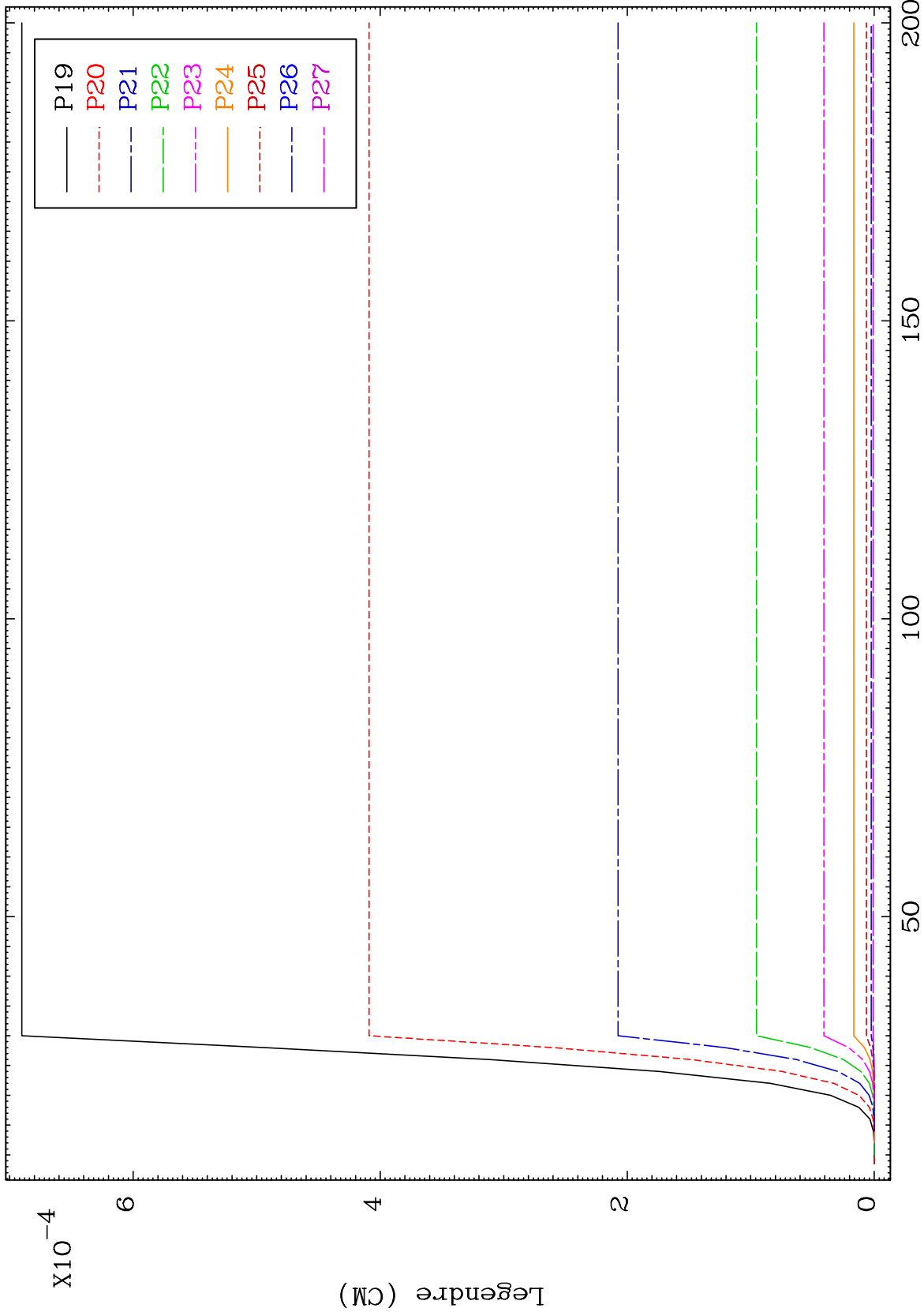
82



MAT 4307

2.221 MeV (n, n') Level  
Legendre Coefficients

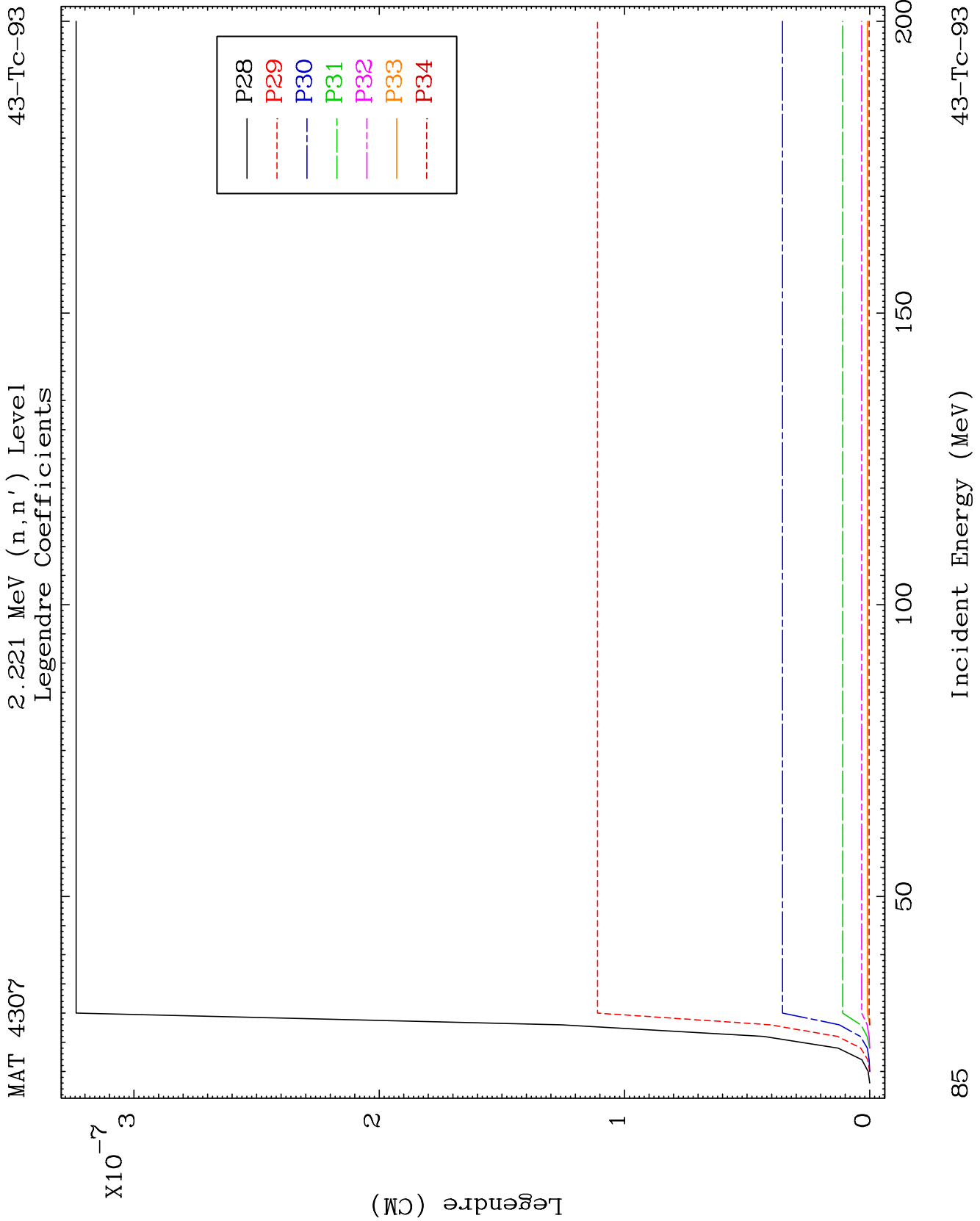
43-Tc-93



84

Incident Energy (MeV)

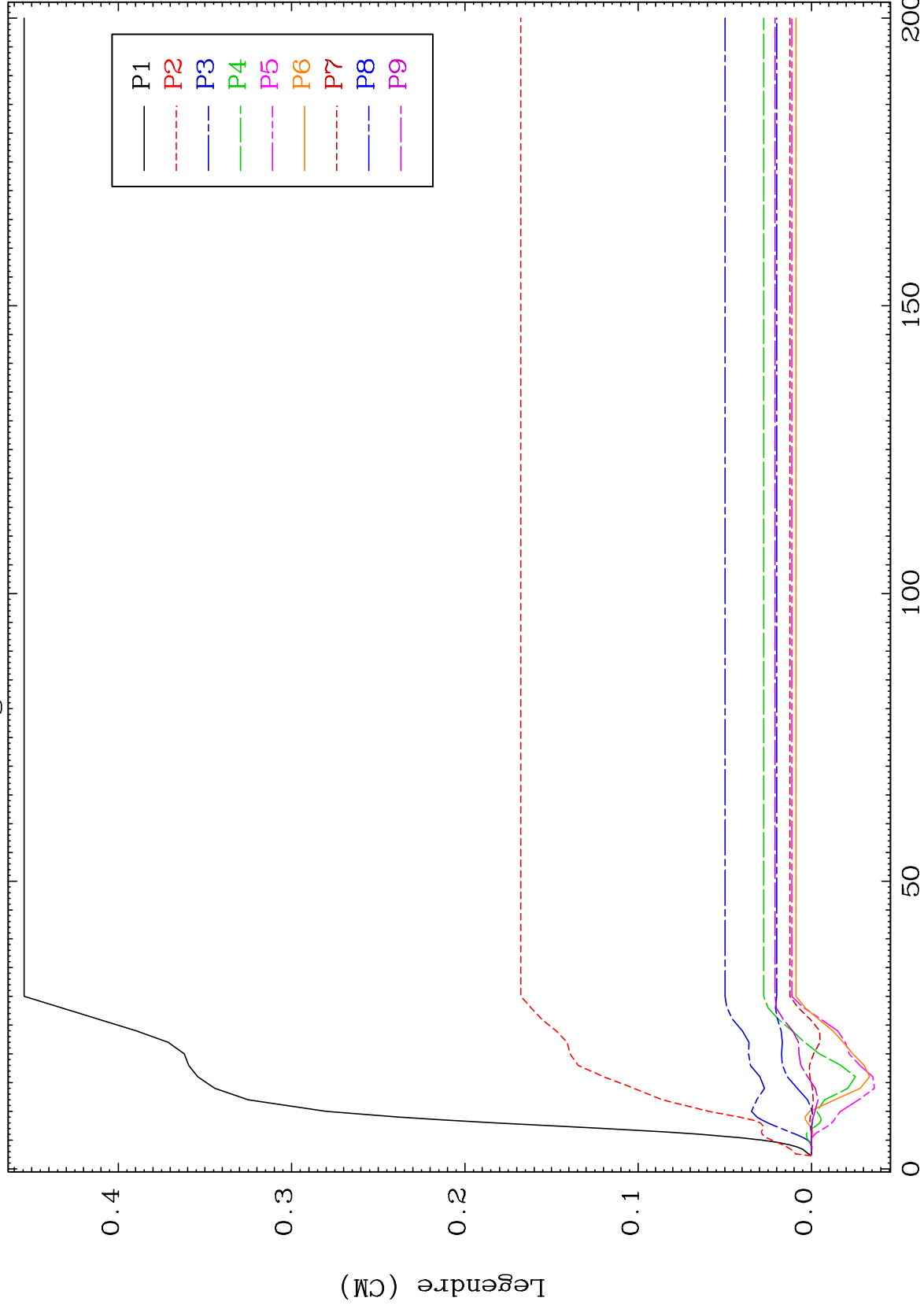
43-Tc-93



MAT 4307

2.258 MeV (n,n') Level  
Legendre Coefficients

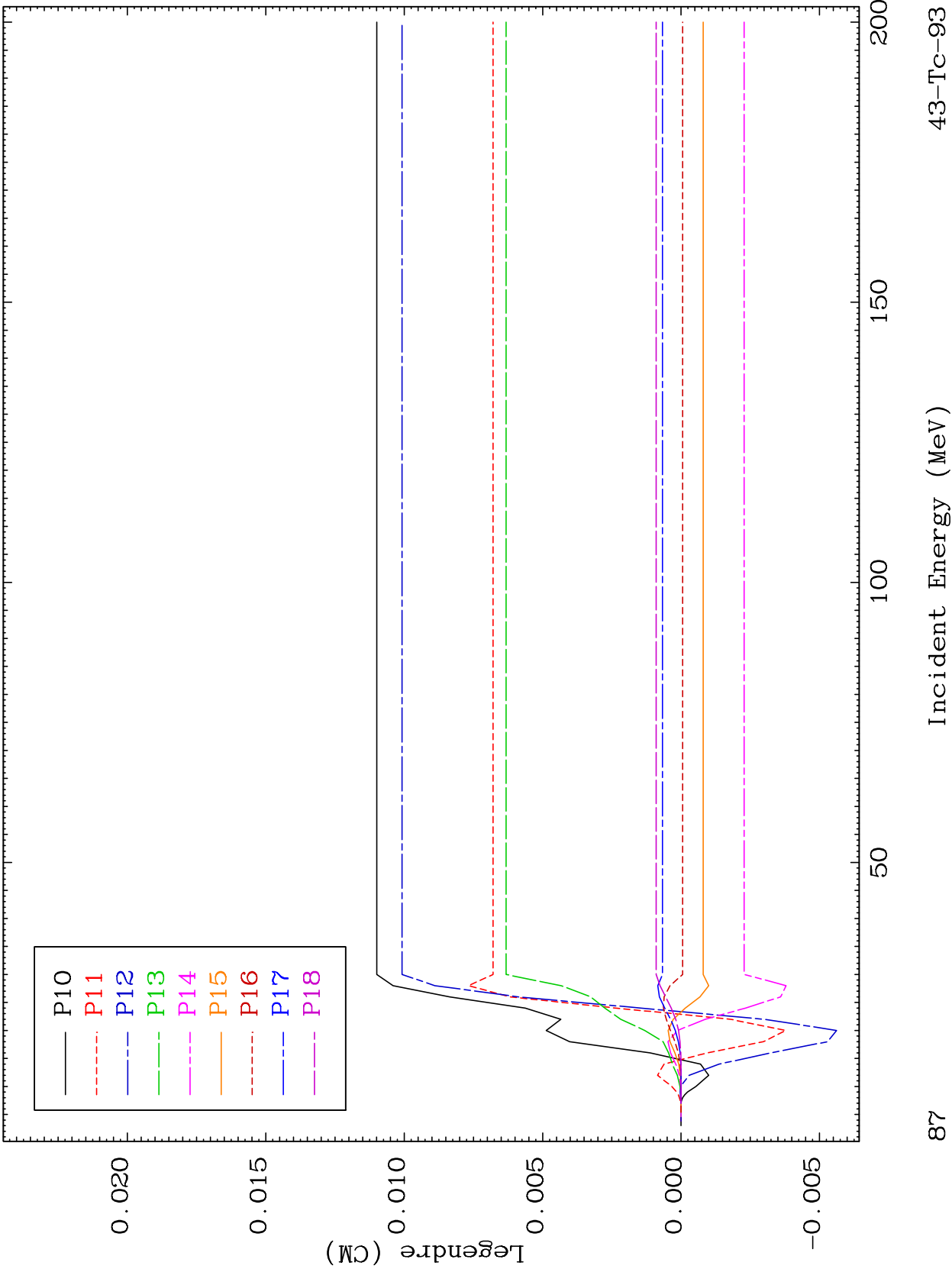
43-Tc-93



86

Incident Energy (MeV)

43-Tc-93

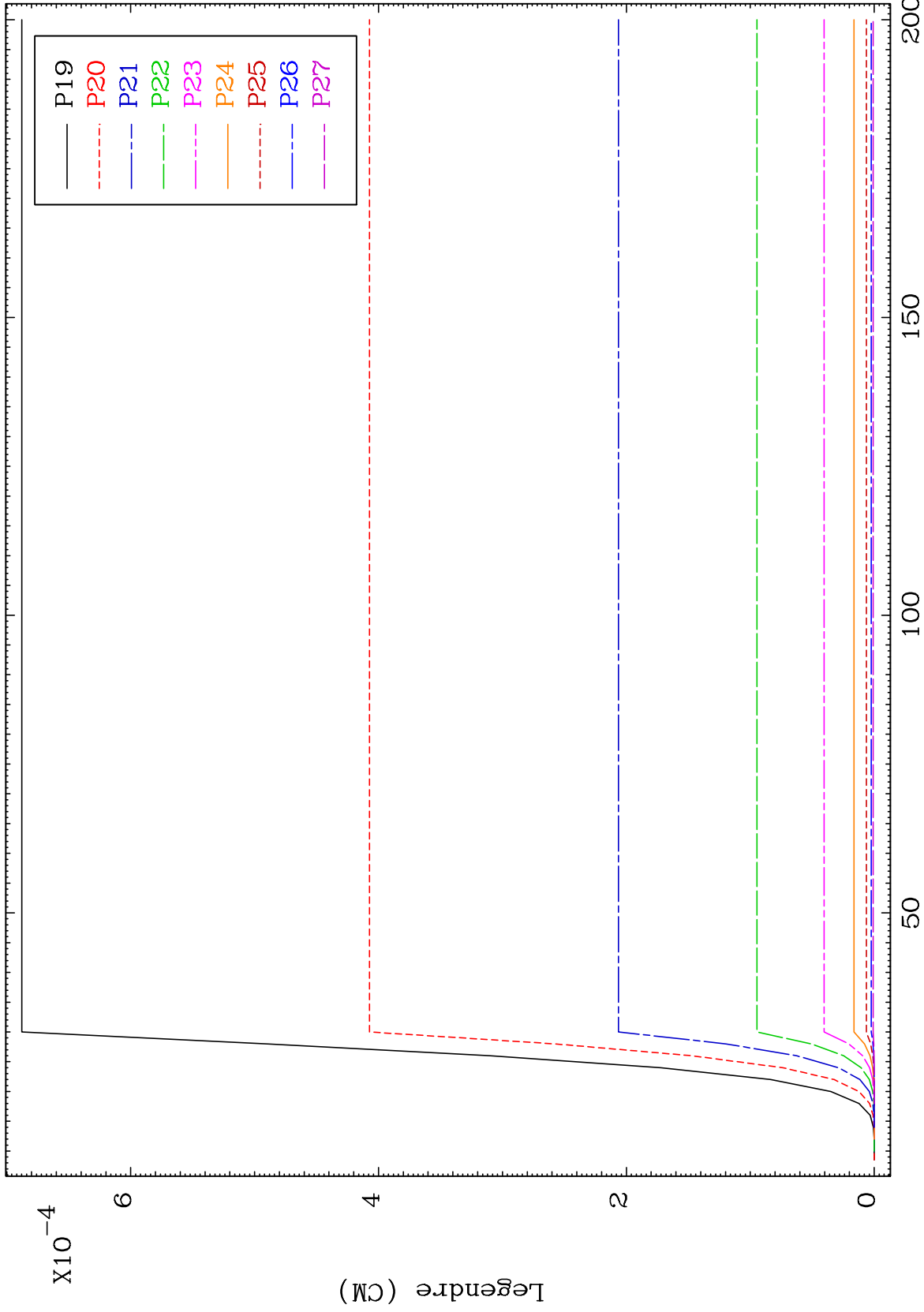




MAT 4307

2.258 MeV (n, n') Level  
Legendre Coefficients

43-Tc-93



88

Incident Energy (MeV)

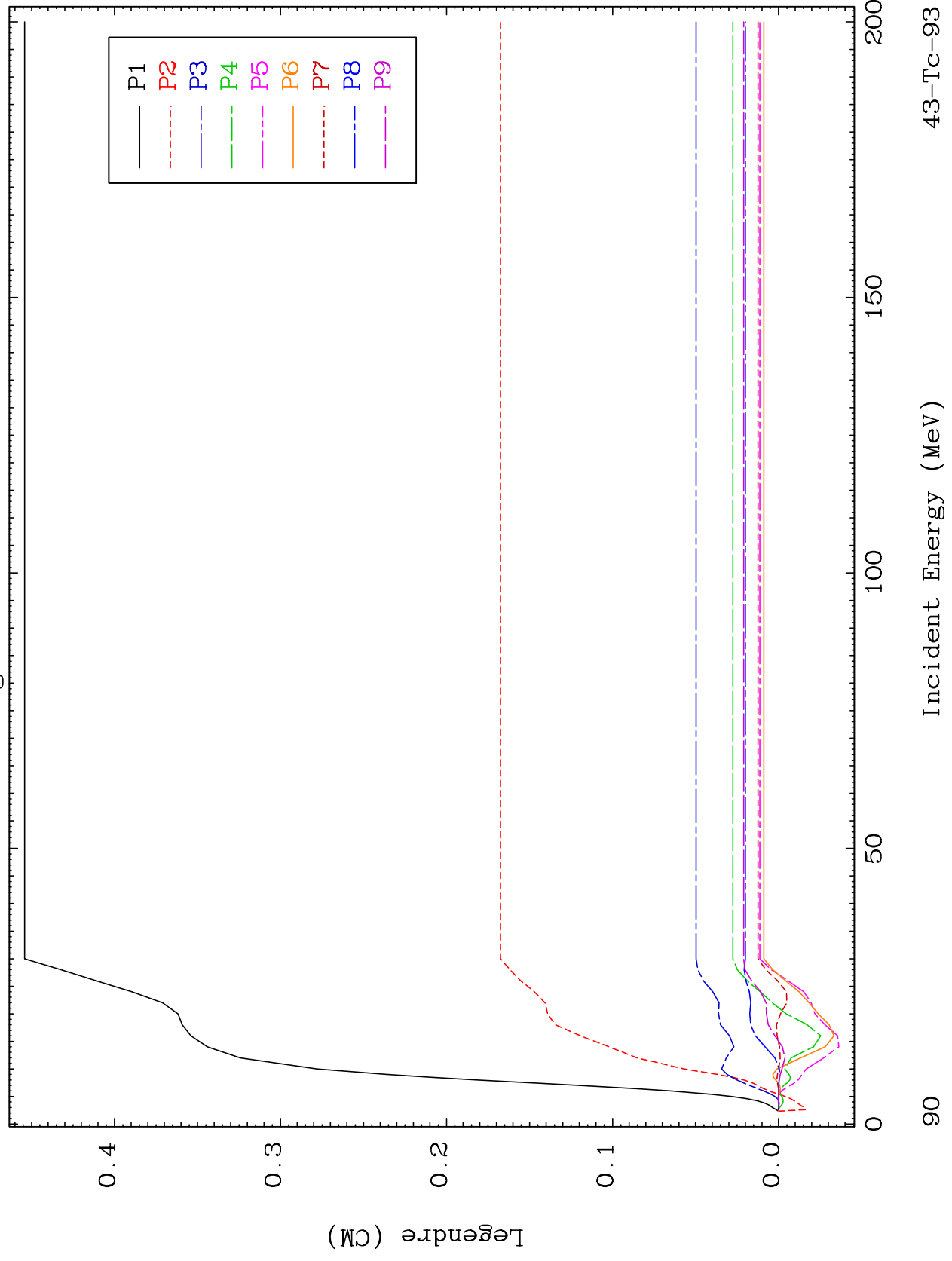
43-Tc-93



MAT 4307

2.290 MeV (n,n') Level  
Legendre Coefficients

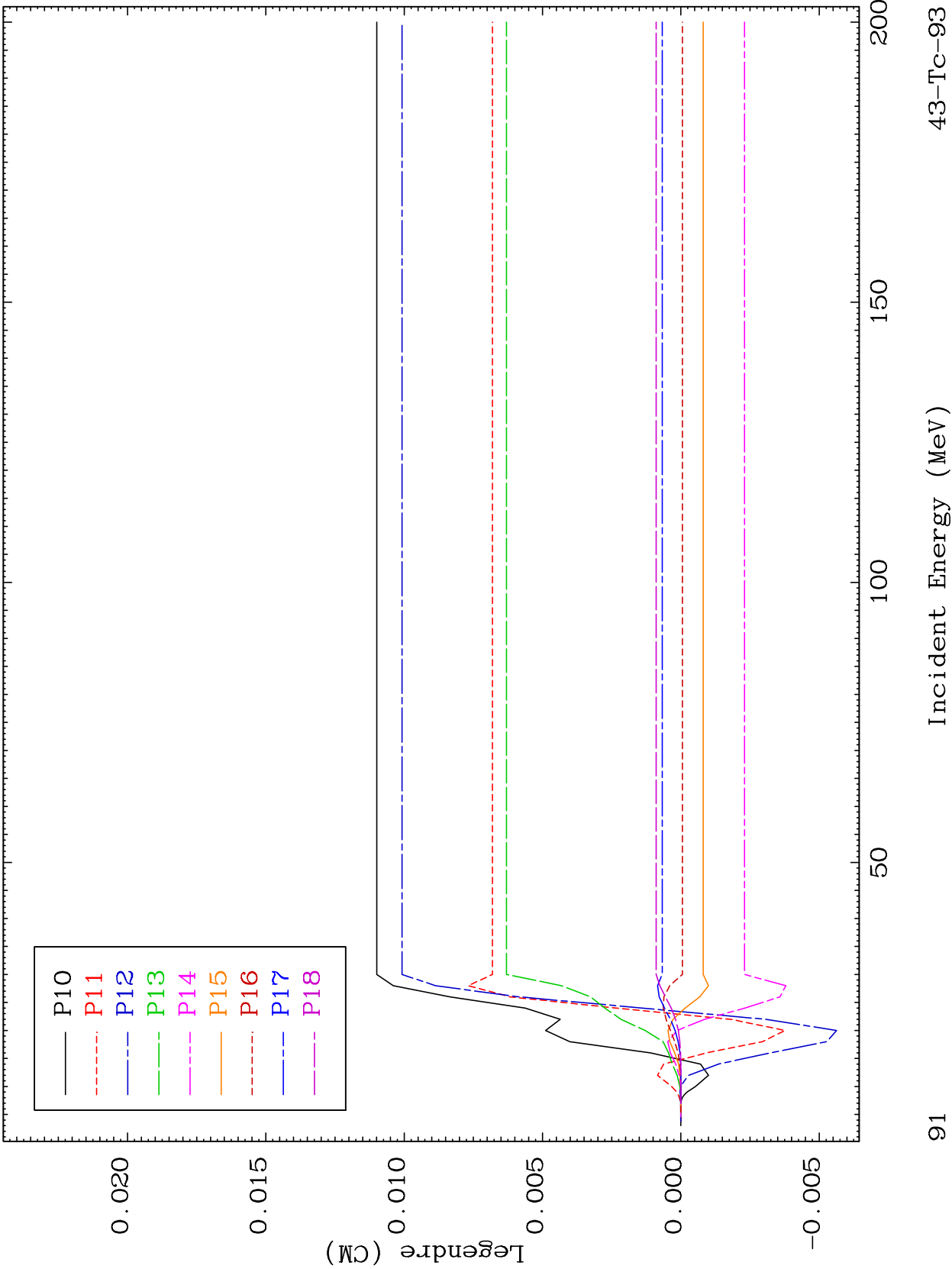
43-Tc-93

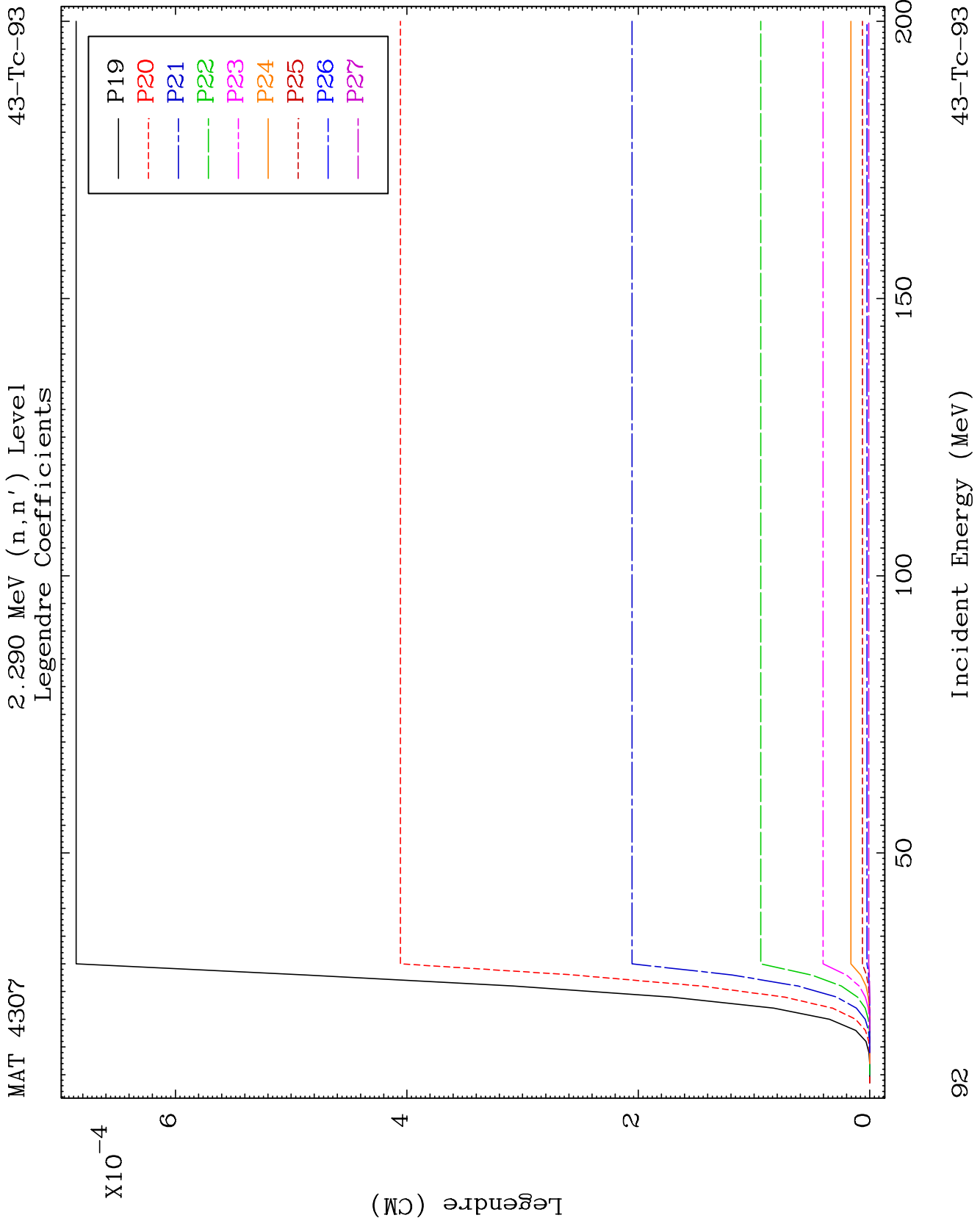


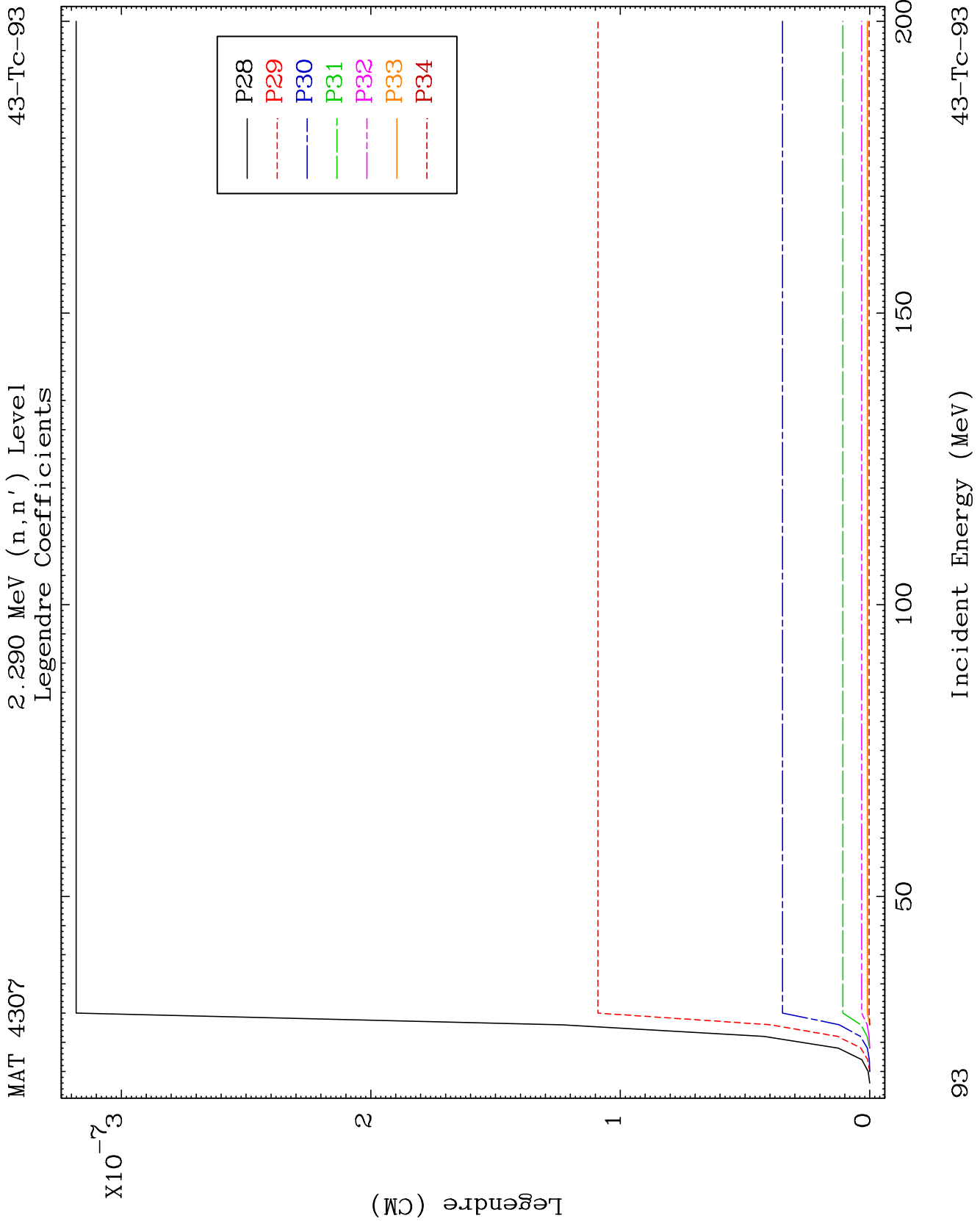
43-Tc-93

Incident Energy (MeV)

90



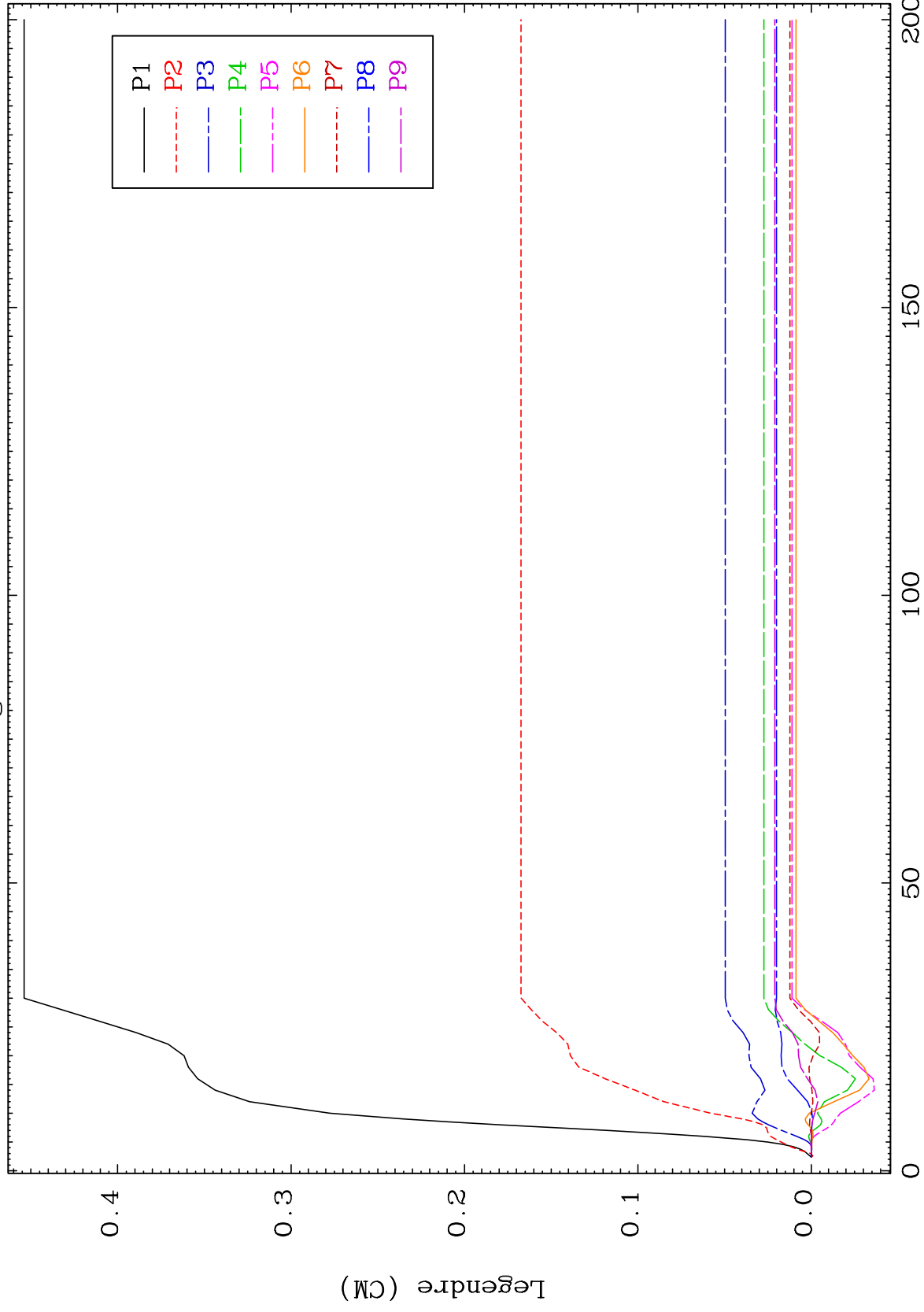




MAT 4307

2.339 MeV (n,n') Level  
Legendre Coefficients

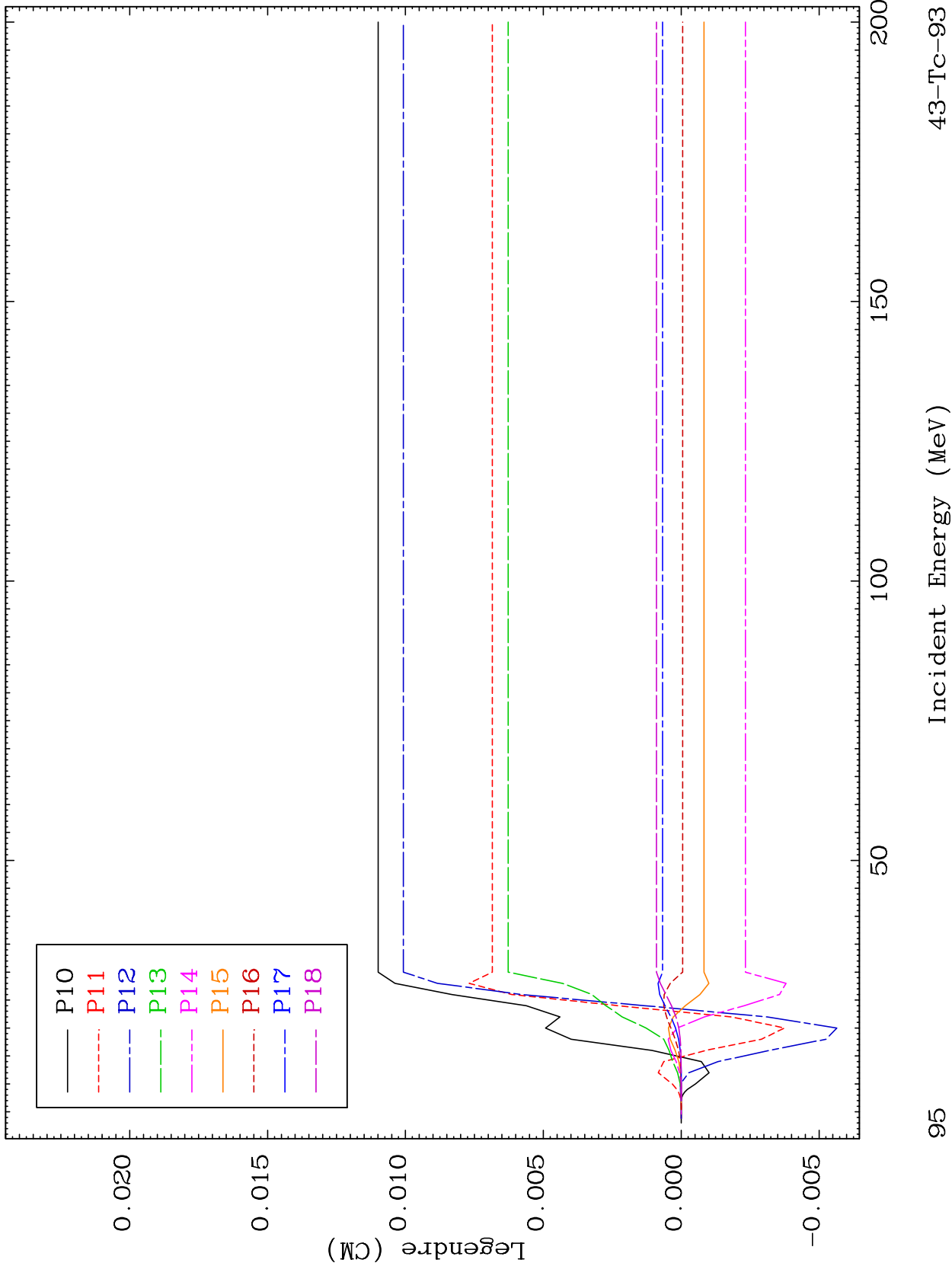
43-Tc-93



94

Incident Energy (MeV)

43-Tc-93

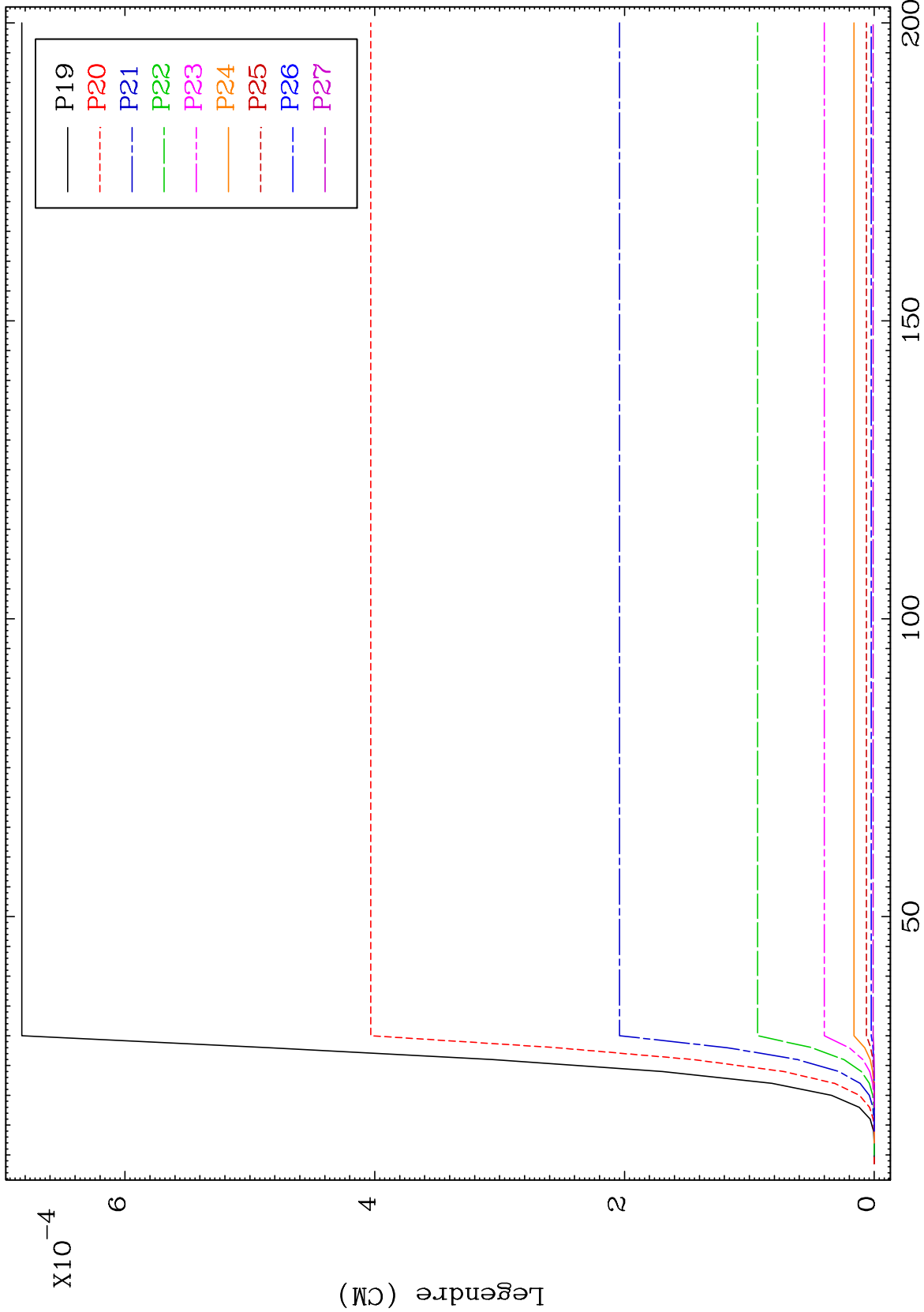




MAT 4307

2.339 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



96

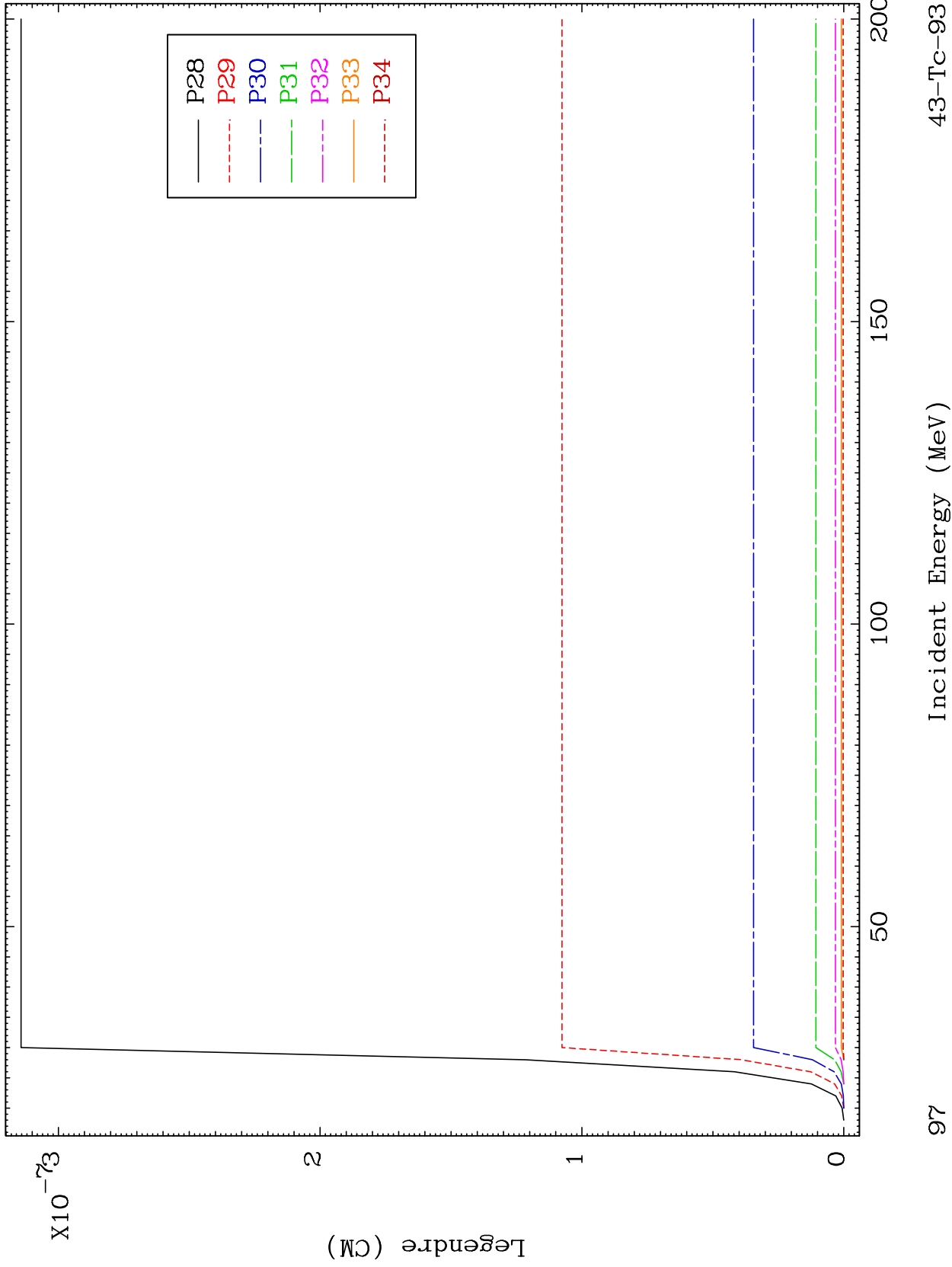
Incident Energy (MeV)

43-Tc-93

MAT 4307

2.339 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



97

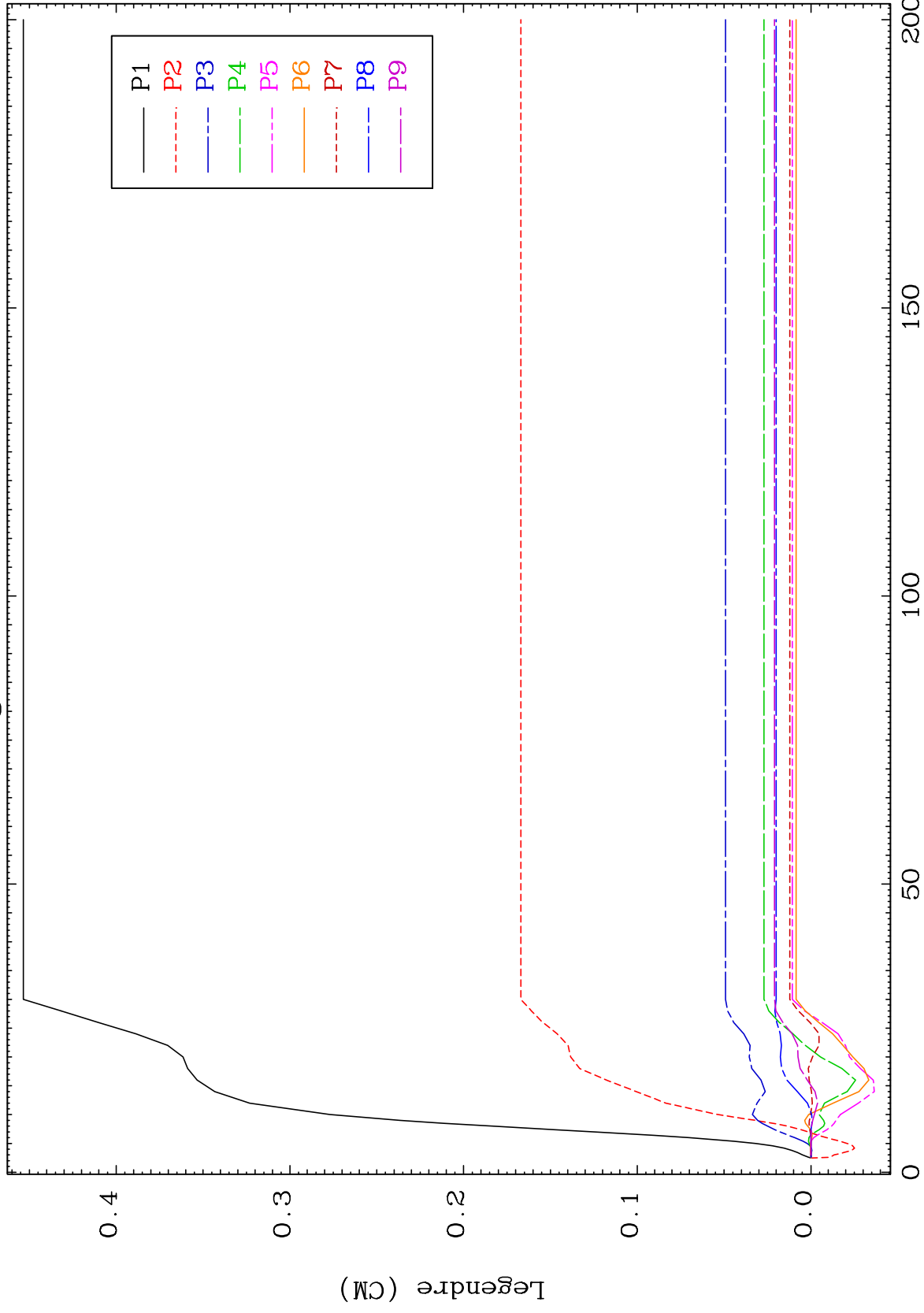
Incident Energy (MeV)

43-Tc-93

MAT 4307

2.431 MeV (n,n') Level  
Legendre Coefficients

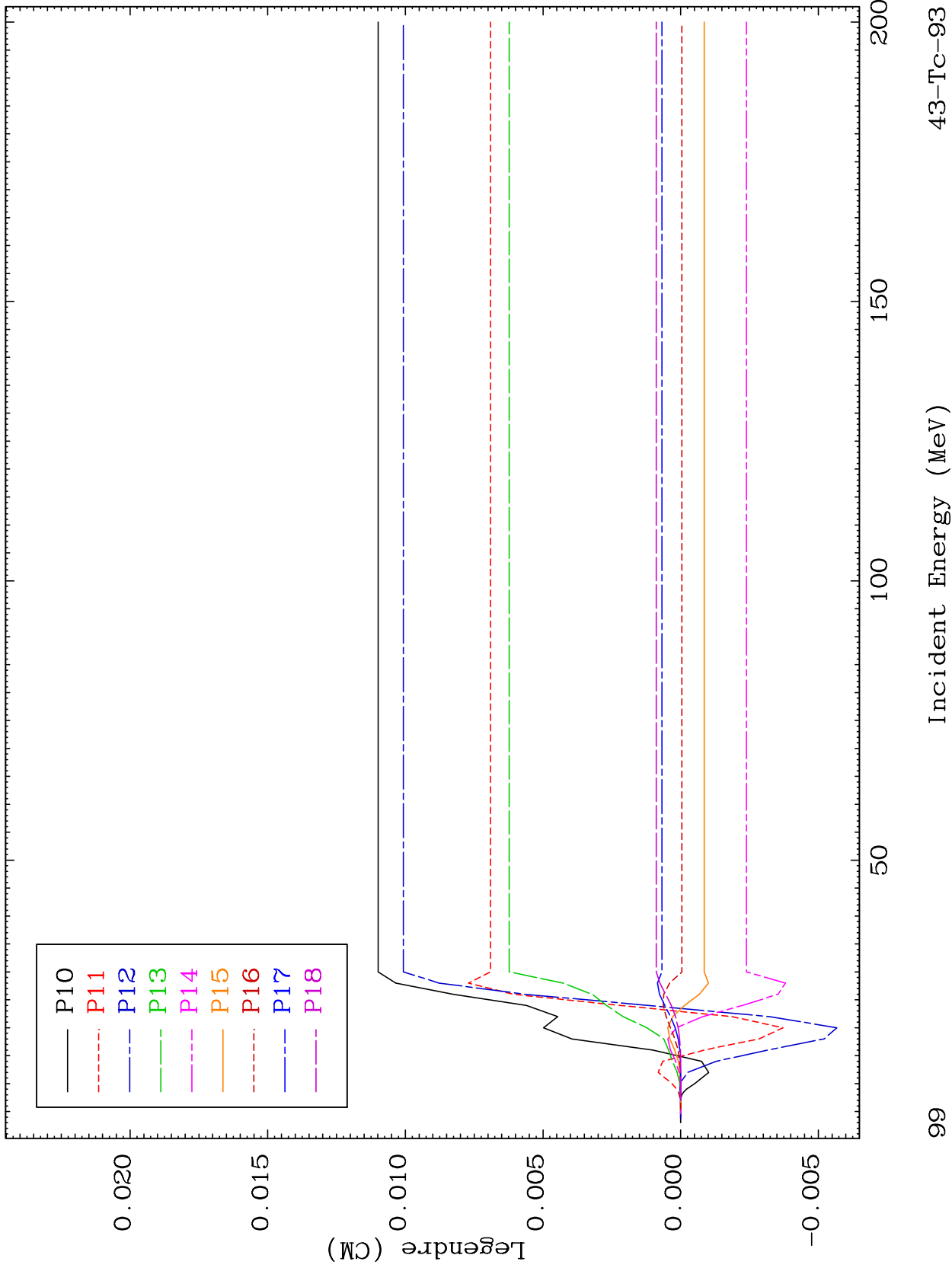
43-Tc-93

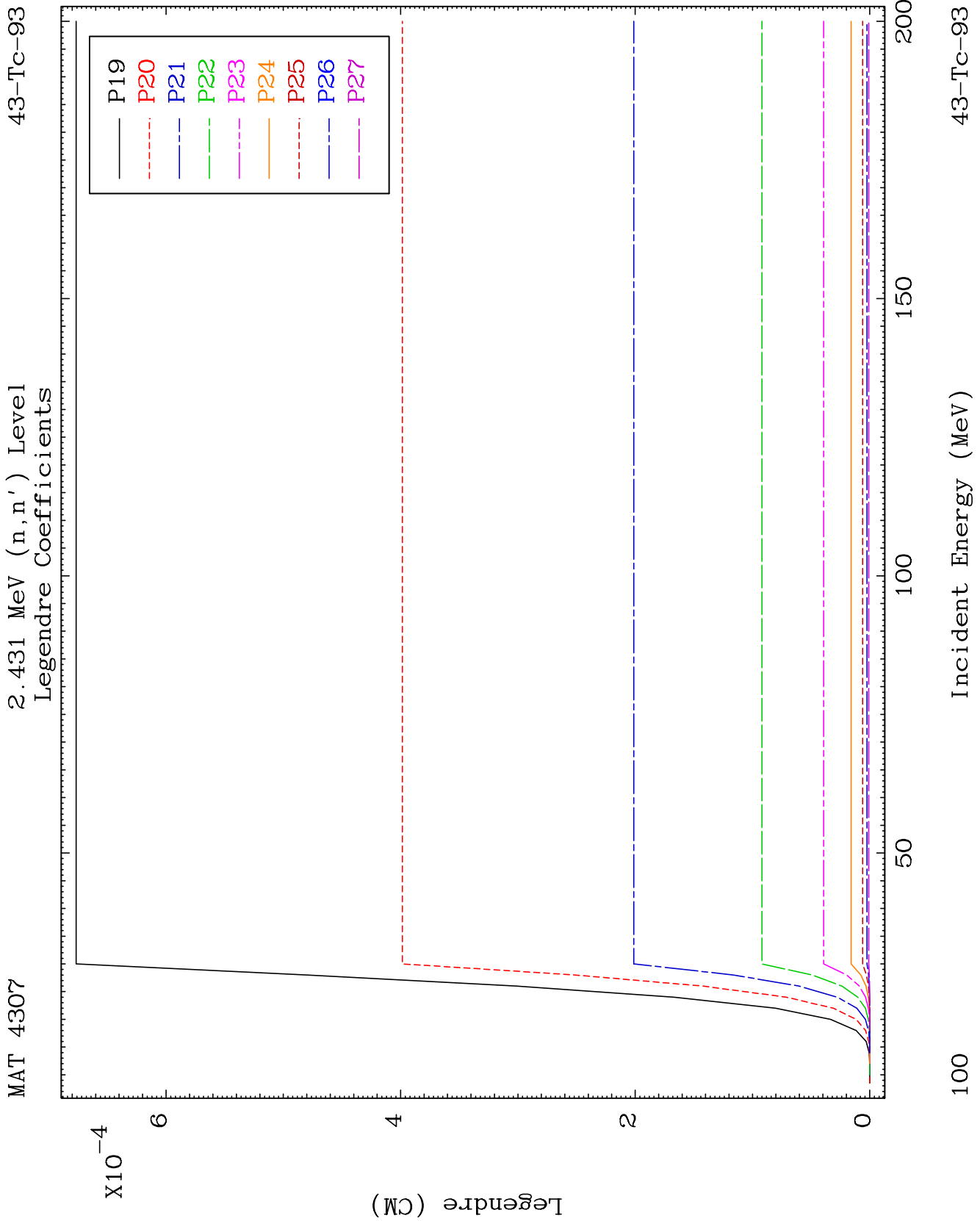


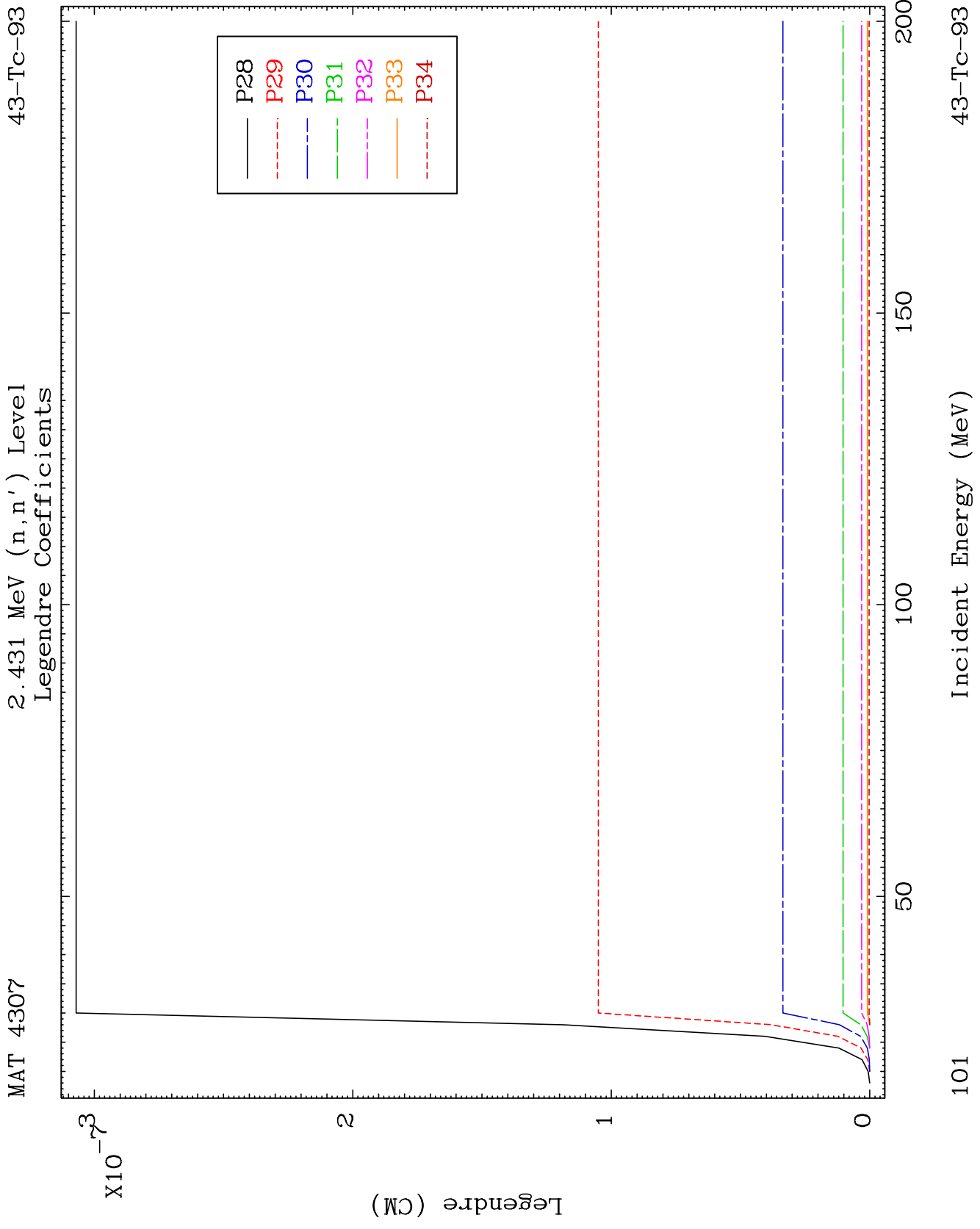
98

Incident Energy (MeV)

43-Tc-93



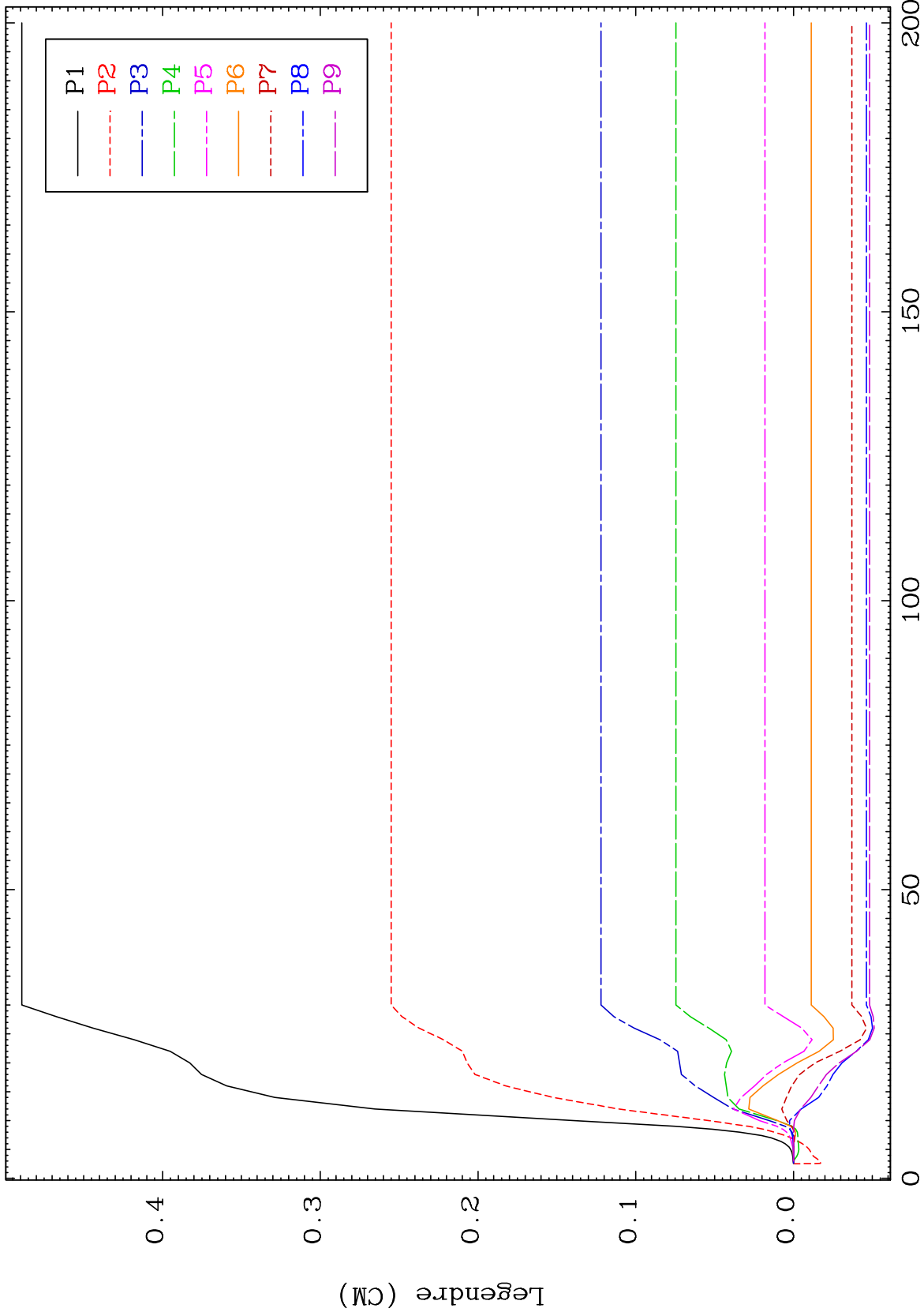




MAT 4307

2.490 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



102

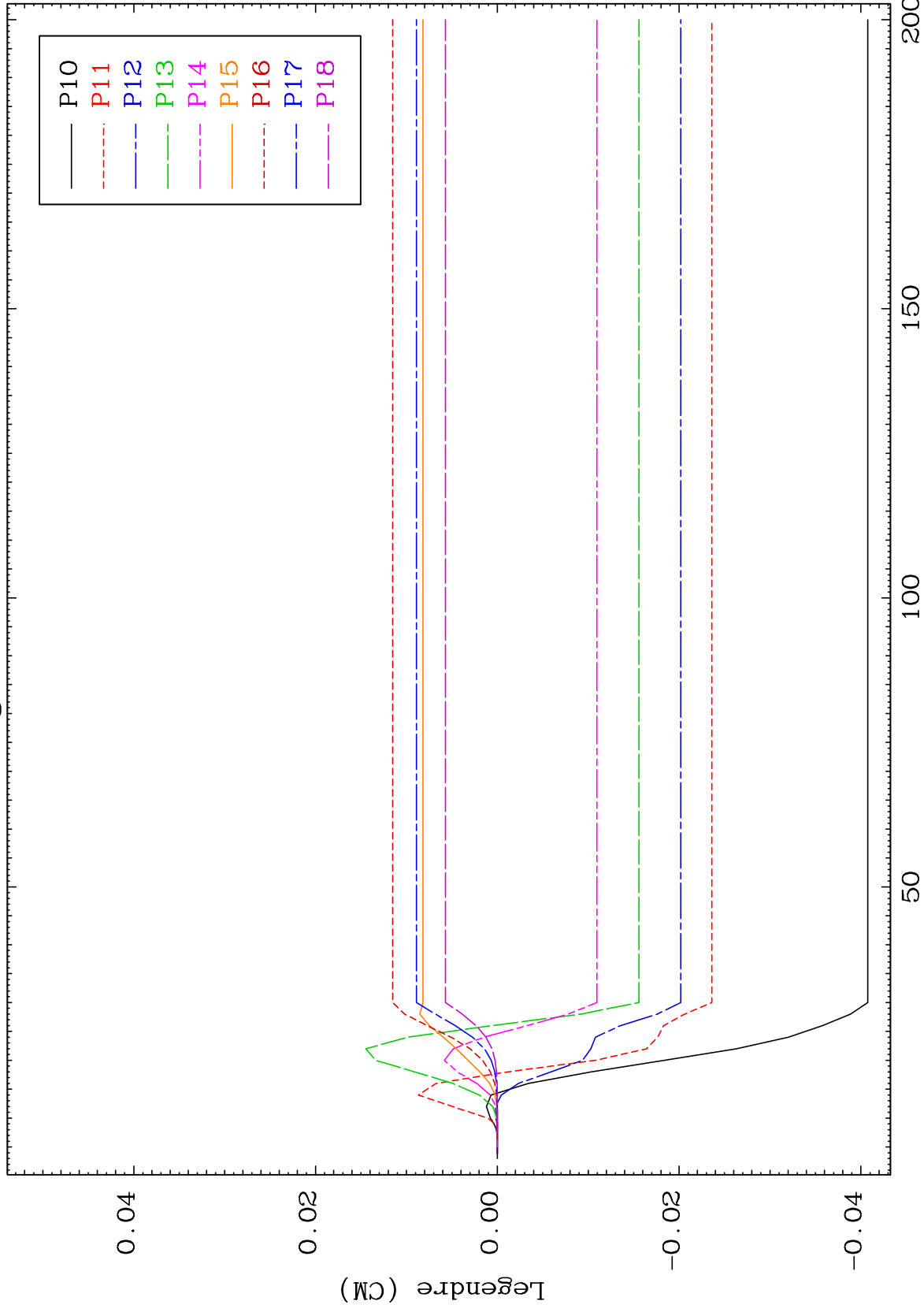
Incident Energy (MeV)

43-Tc-93

MAT 4307

2.490 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93

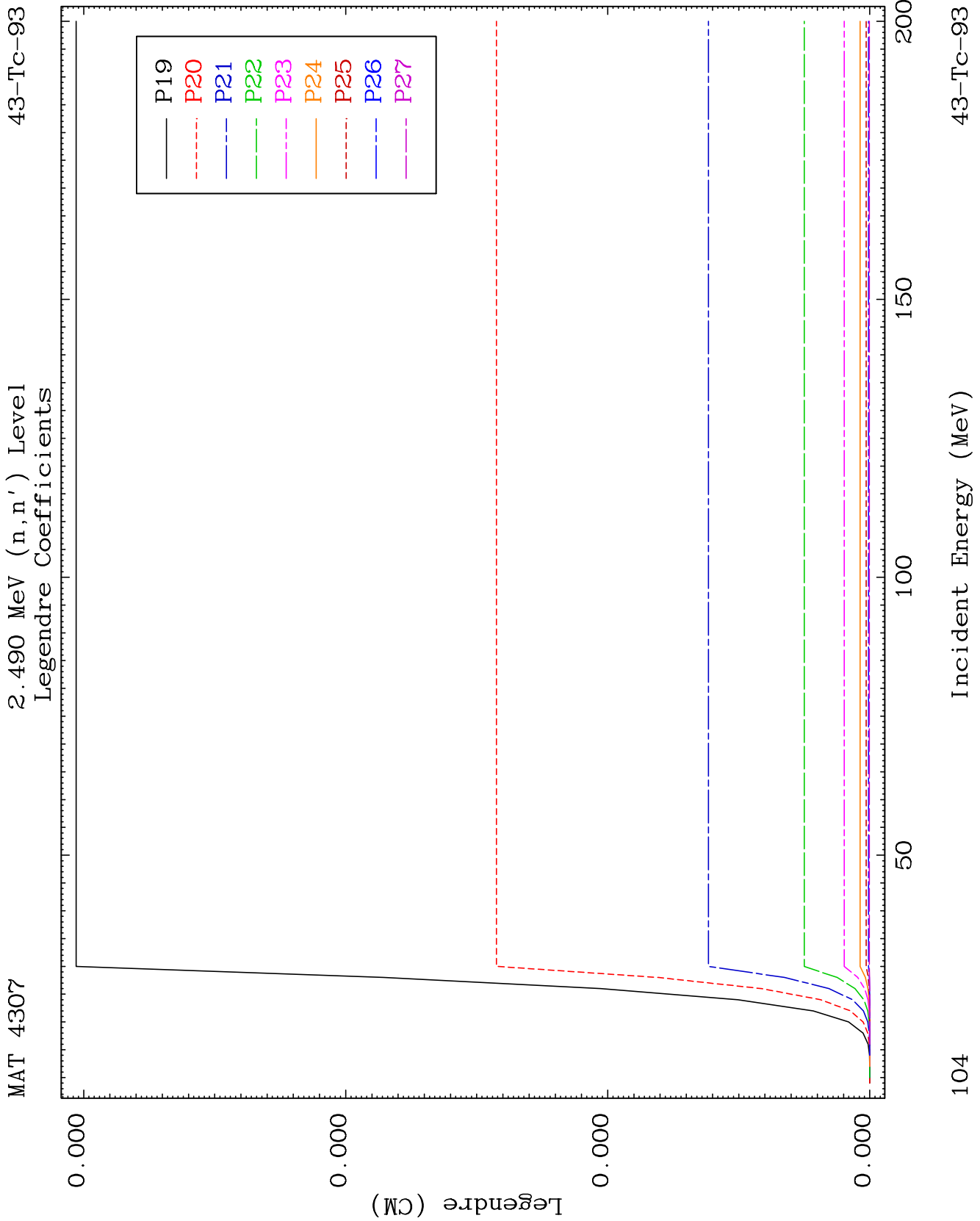


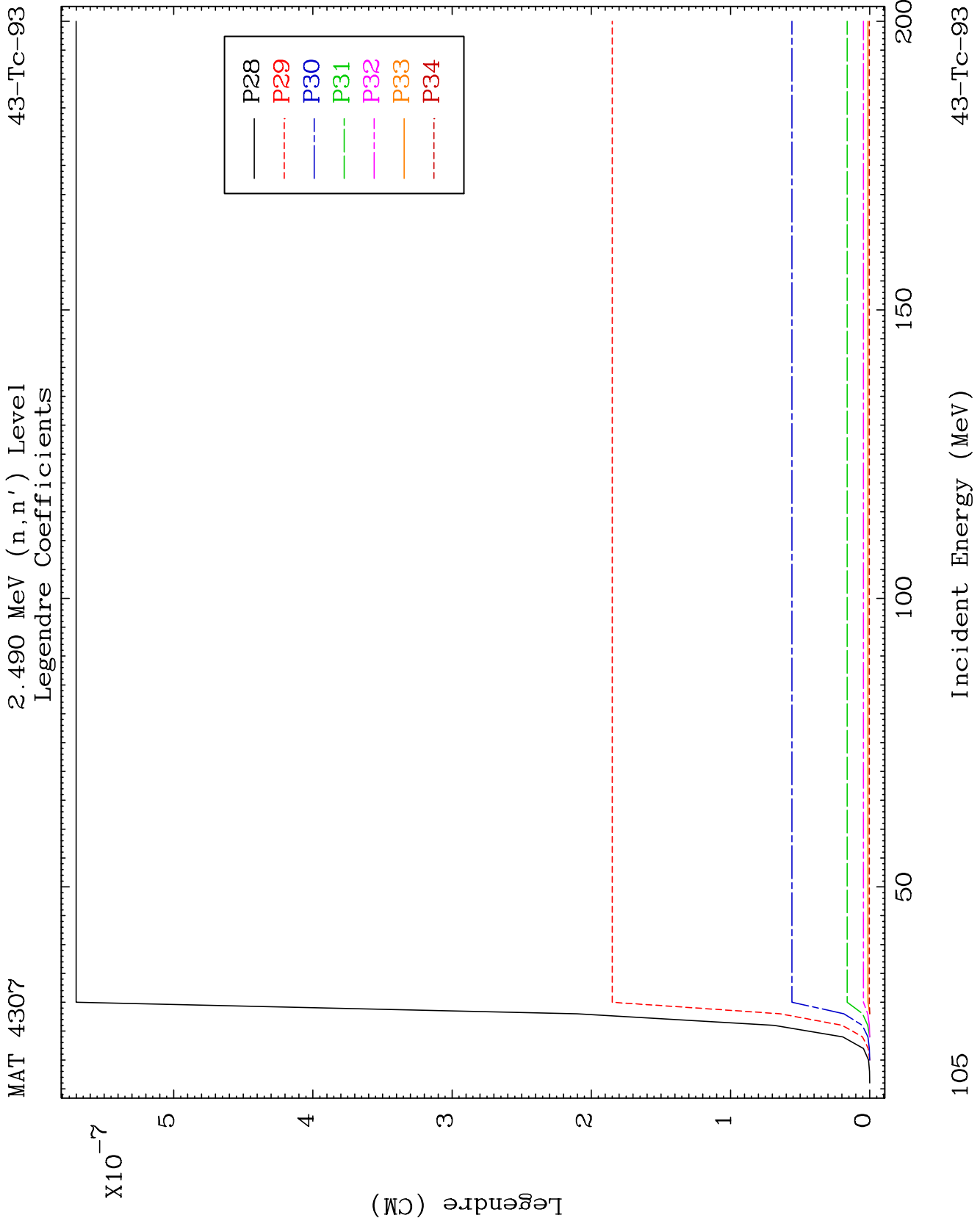
103

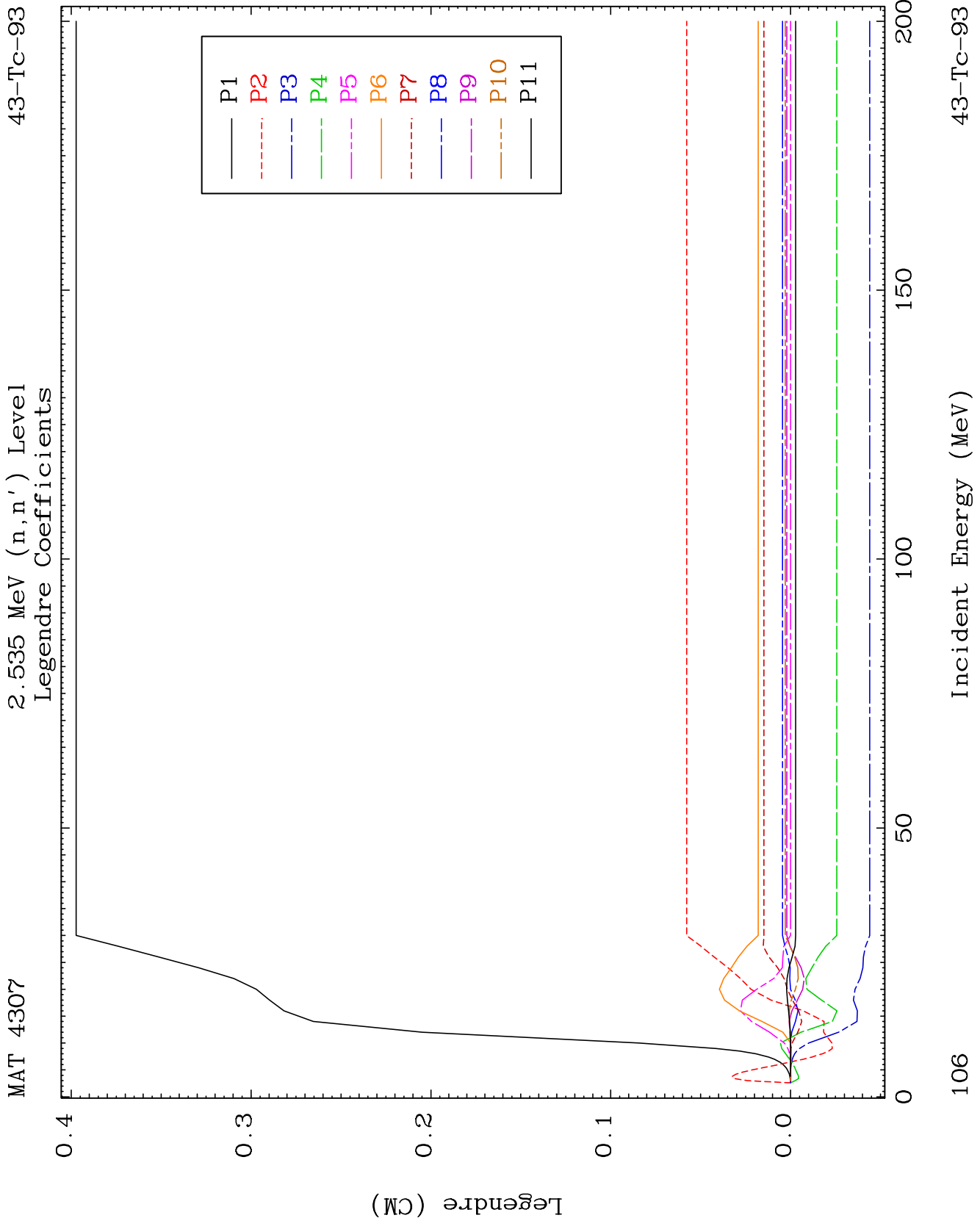
Incident Energy (MeV)

43-Tc-93





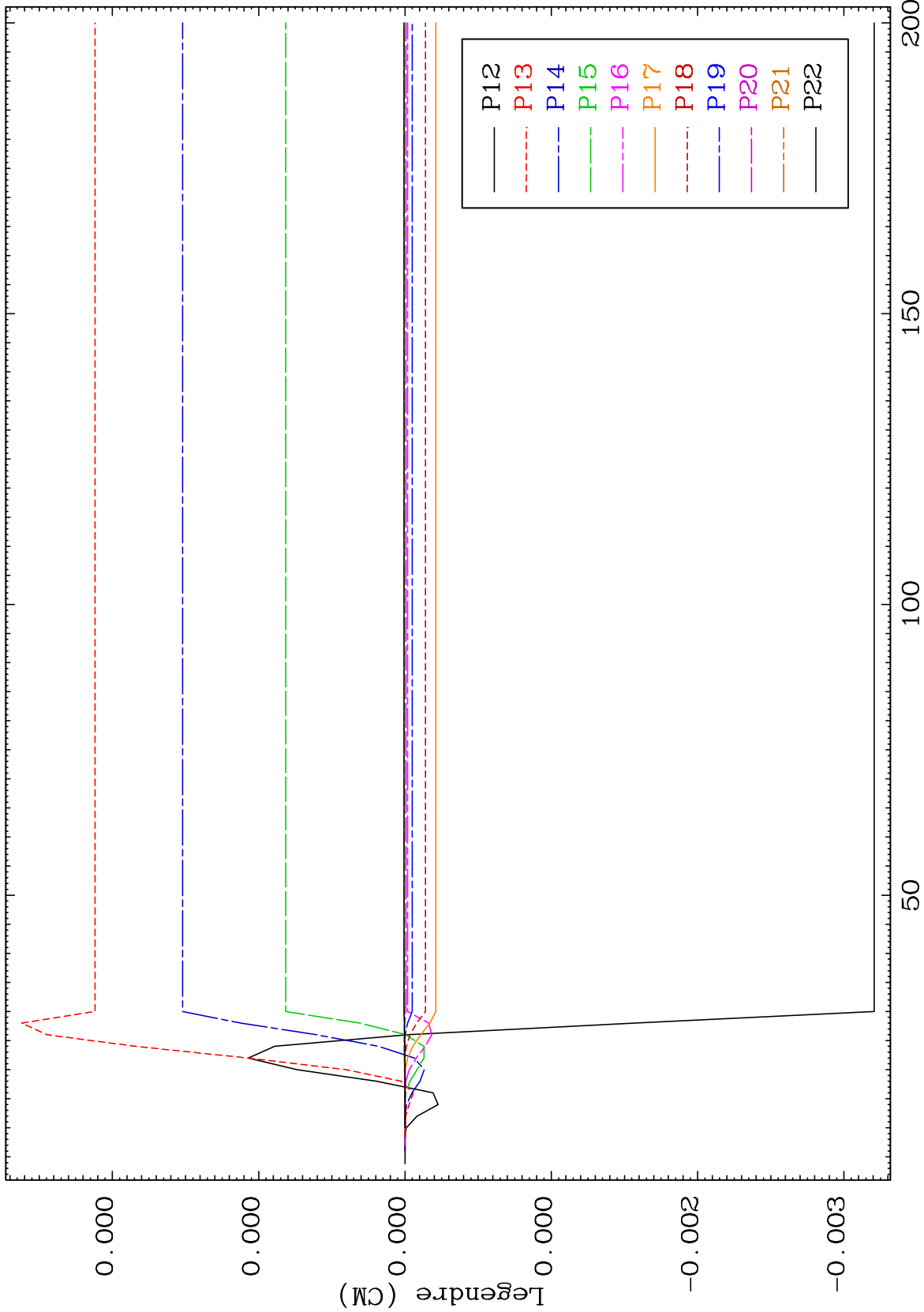




MAT 4307

2.535 MeV (n,n') Level  
Legendre Coefficients

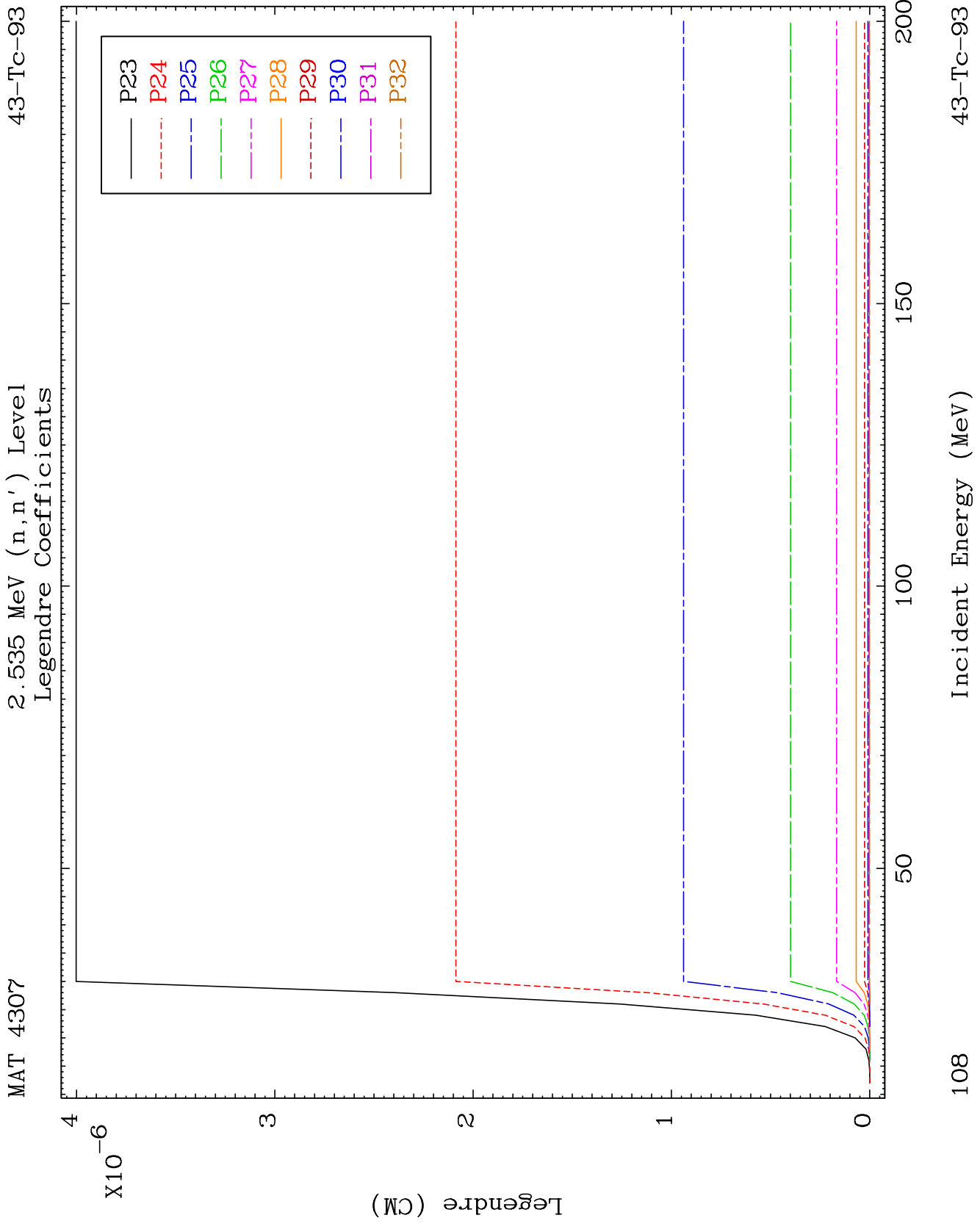
43-Tc-93



107

Incident Energy (MeV)

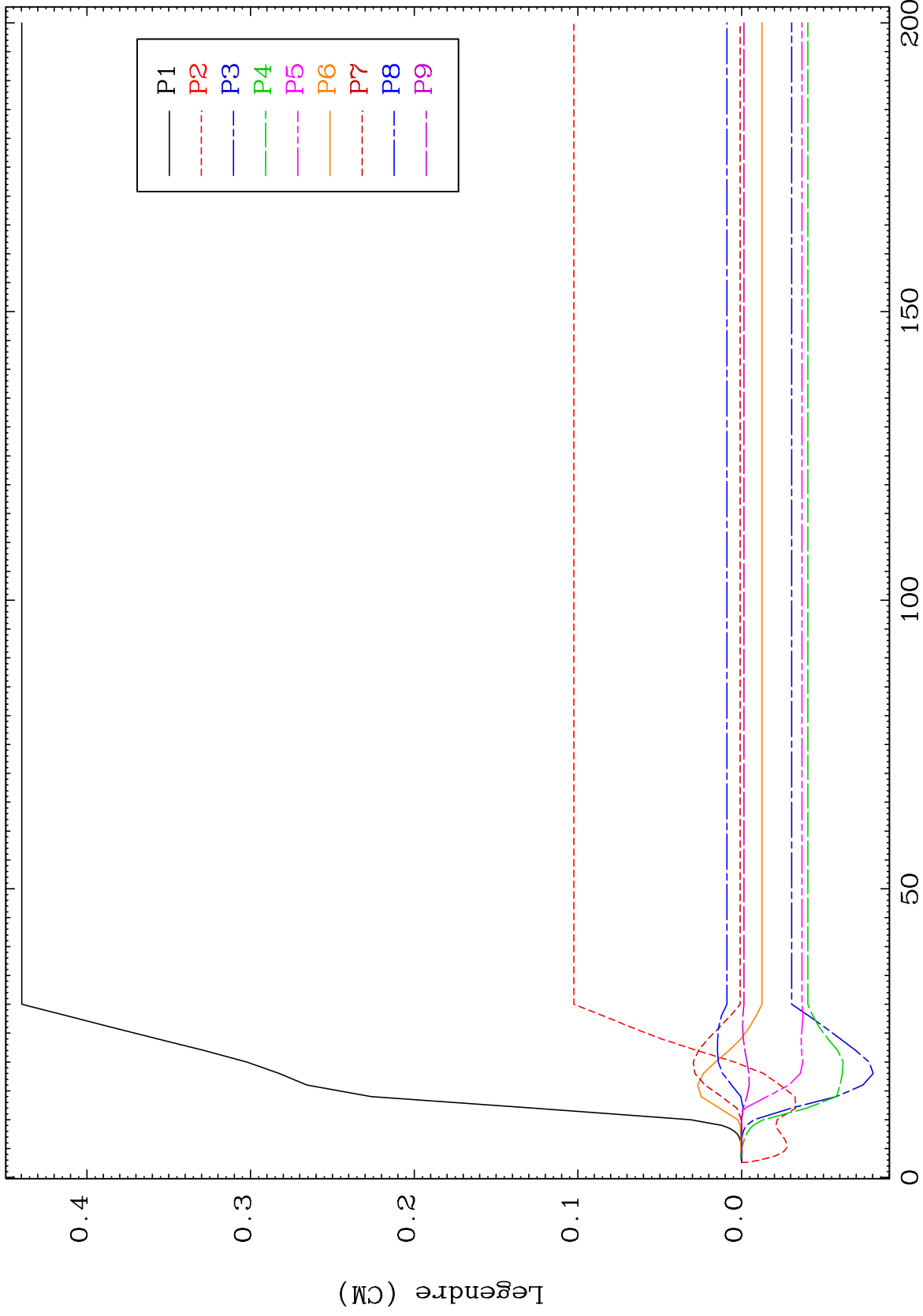
43-Tc-93



MAT 4307

2.563 MeV (n,n') Level  
Legendre Coefficients

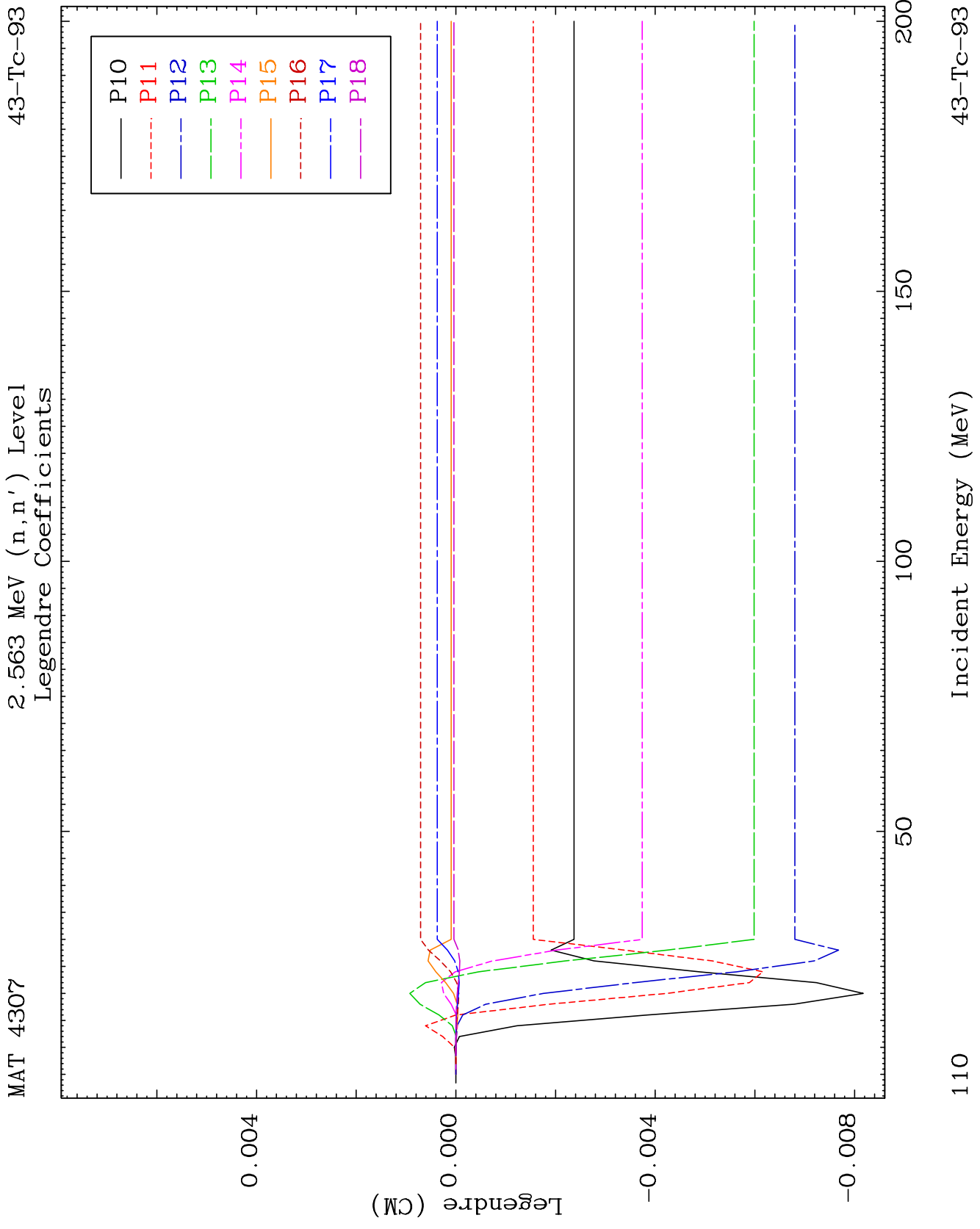
43-Tc-93



109

Incident Energy (MeV)

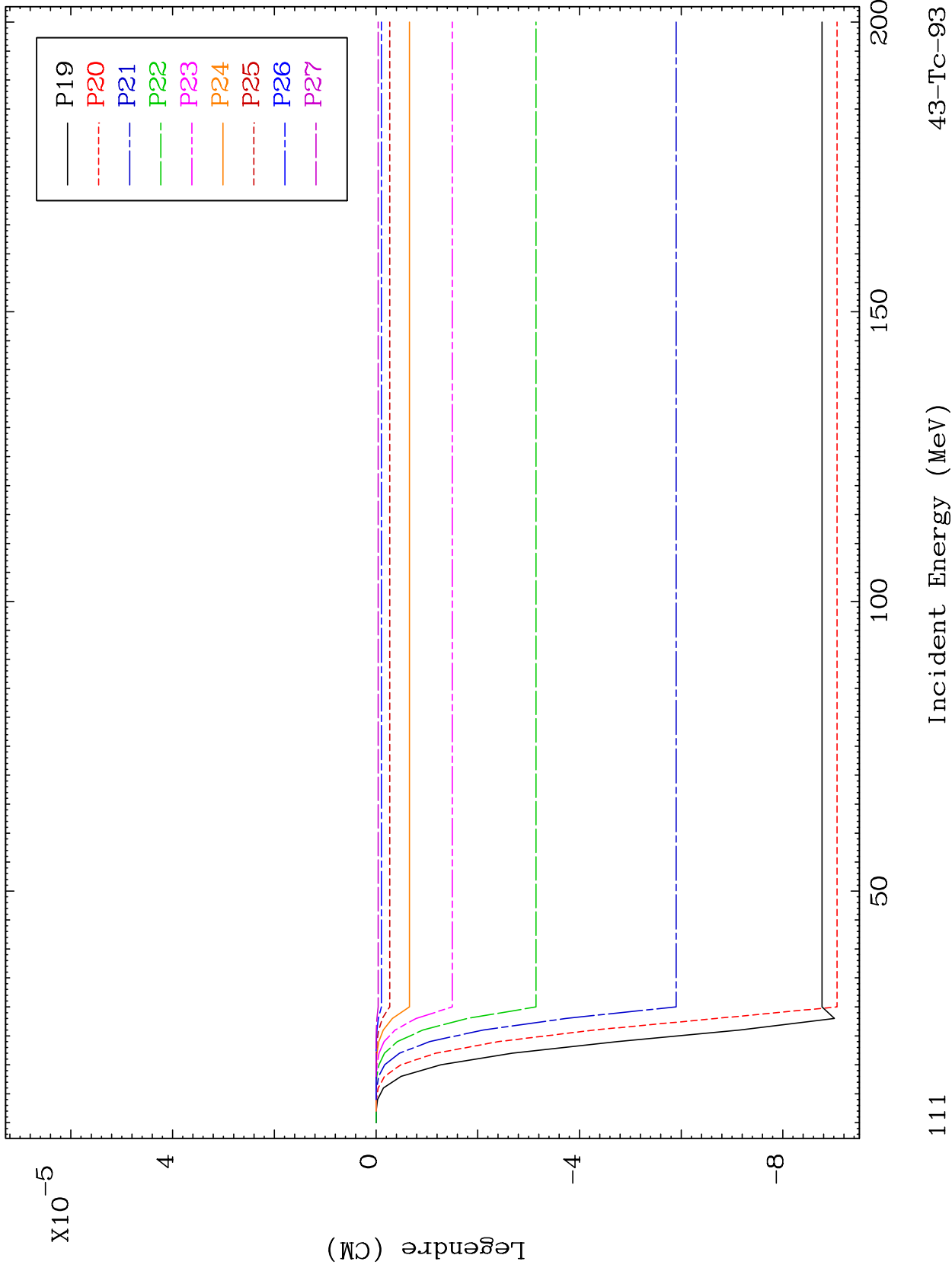
43-Tc-93



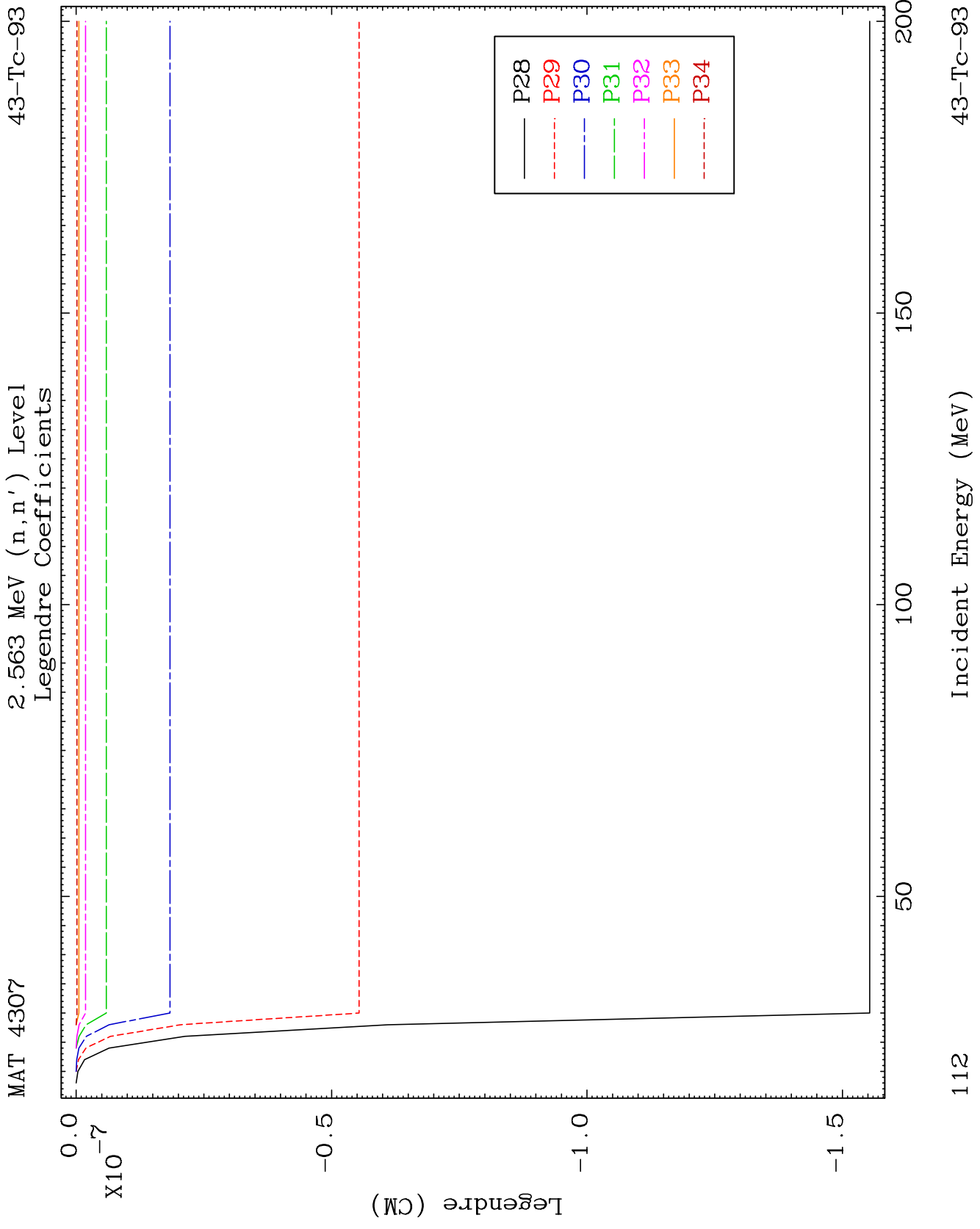
MAT 4307

2.563 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



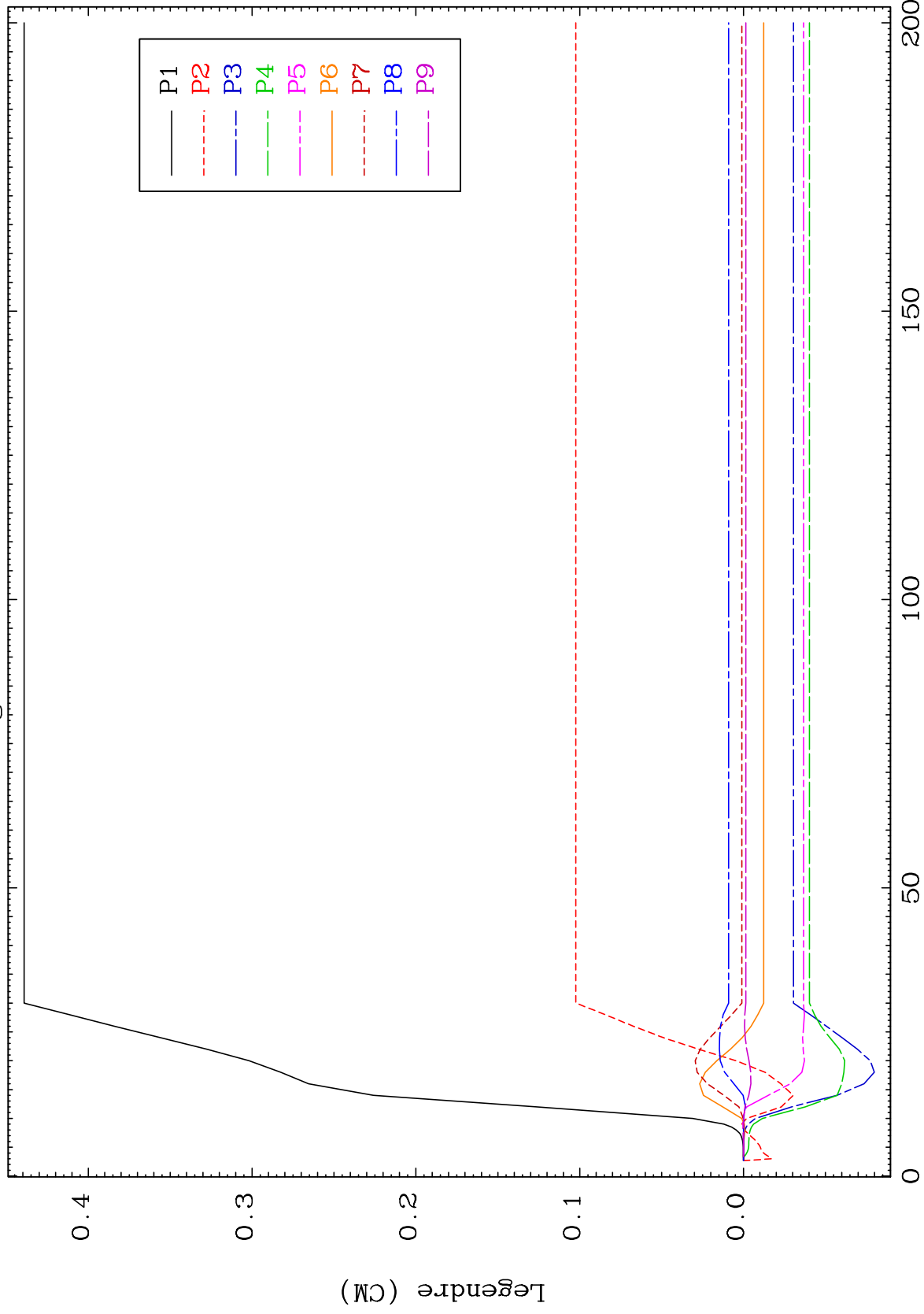




MAT 4307

2.631 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



113

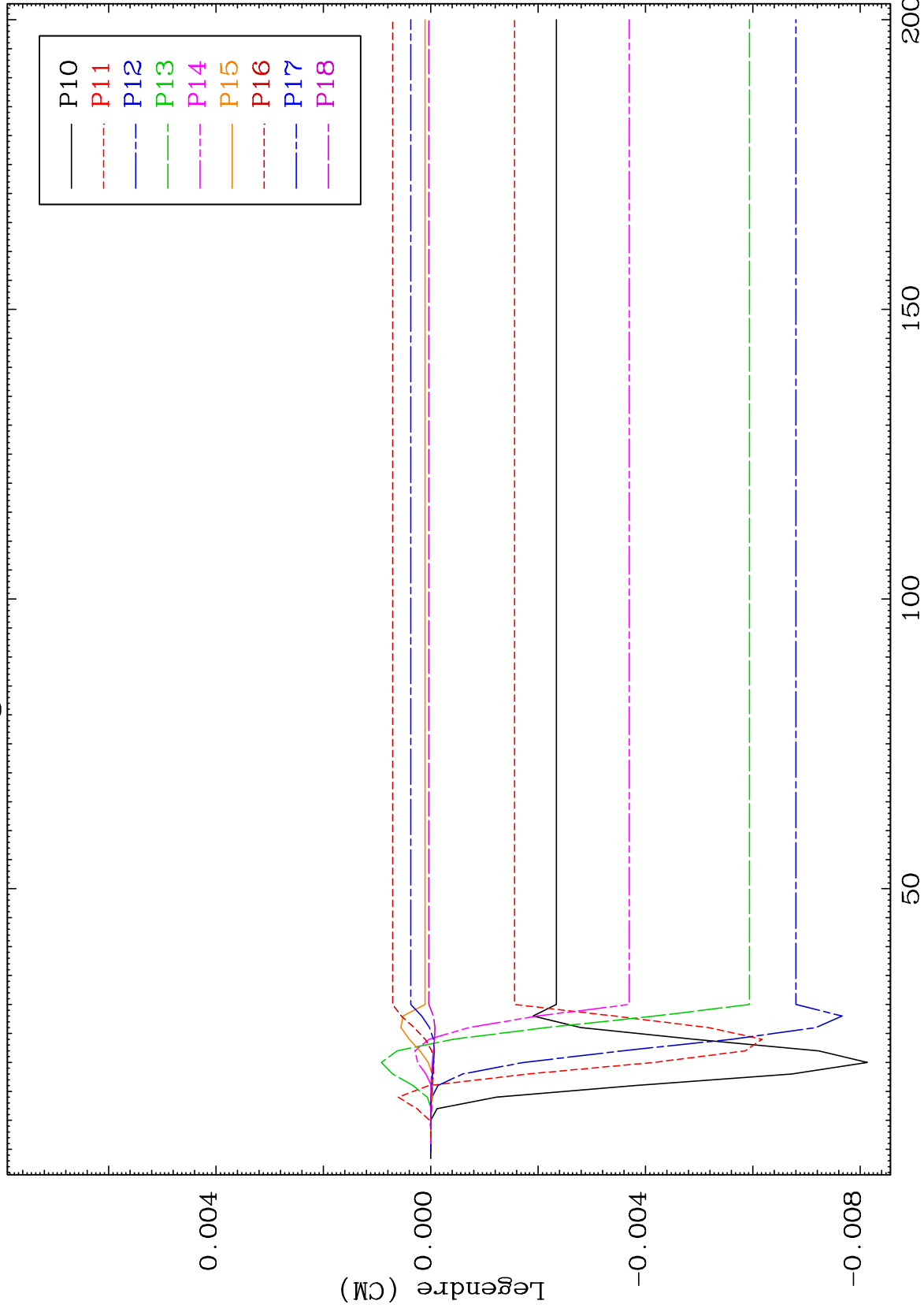
Incident Energy (MeV)

43-Tc-93

MAT 4307

2.631 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



114

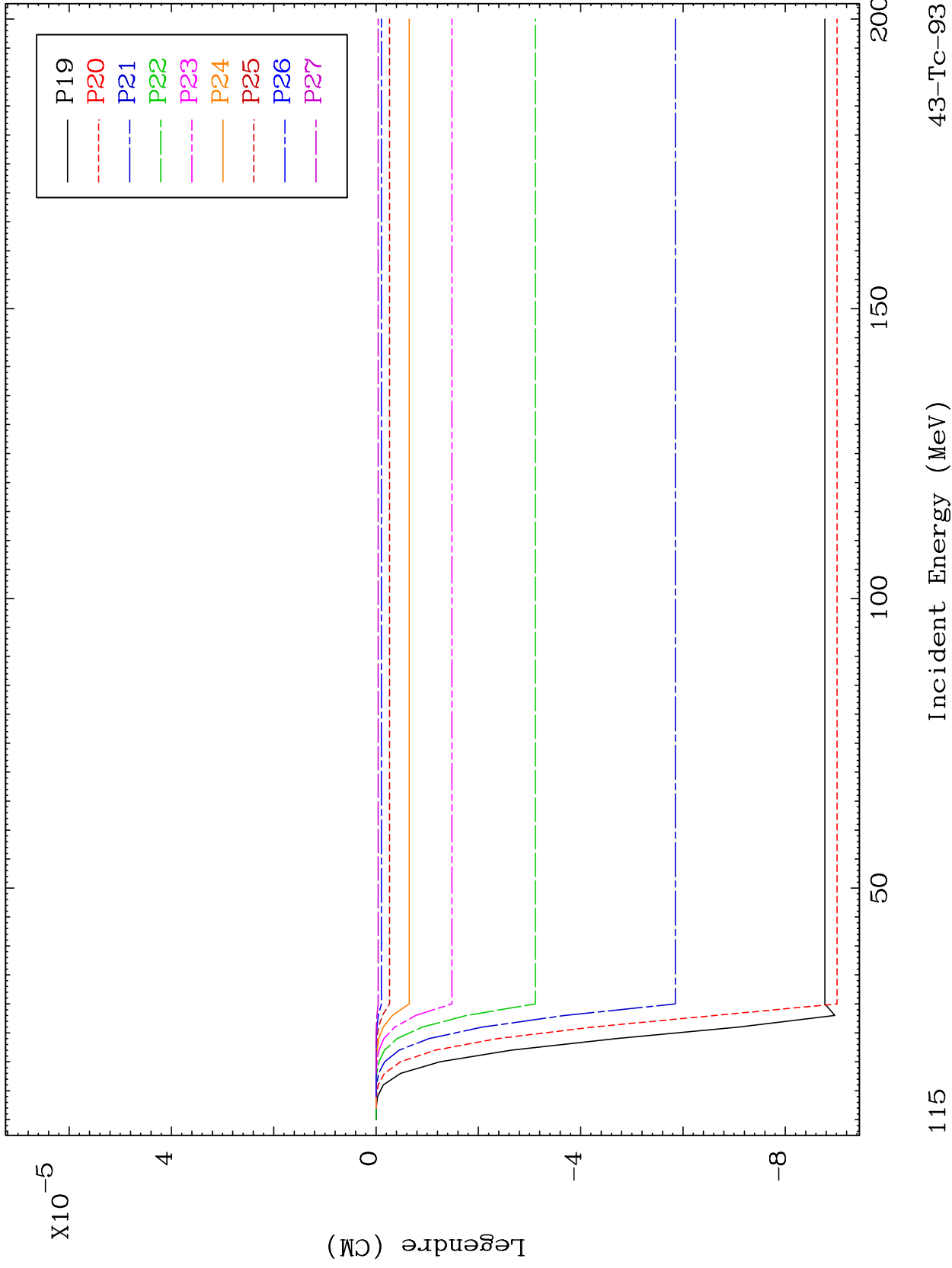
Incident Energy (MeV)

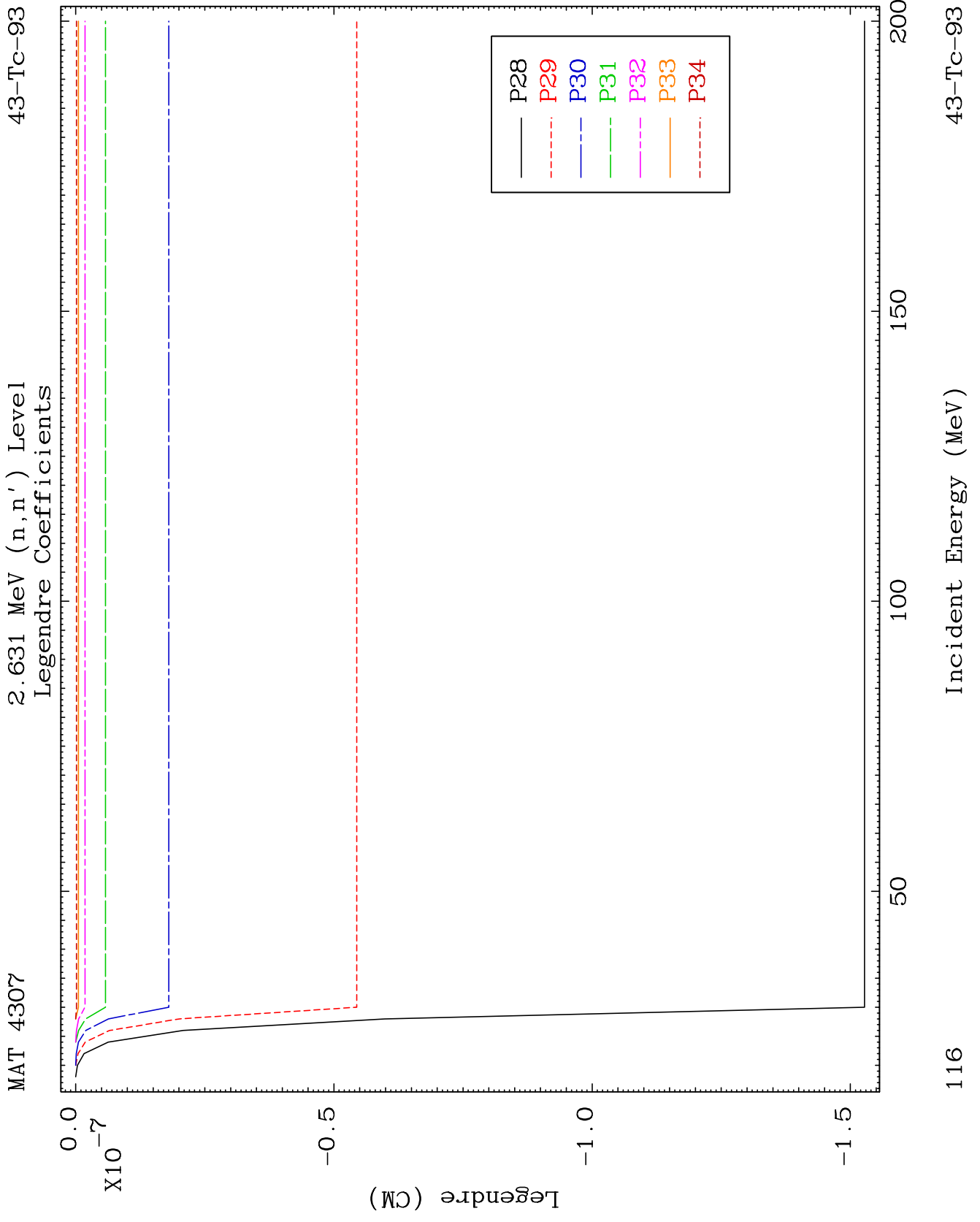
43-Tc-93

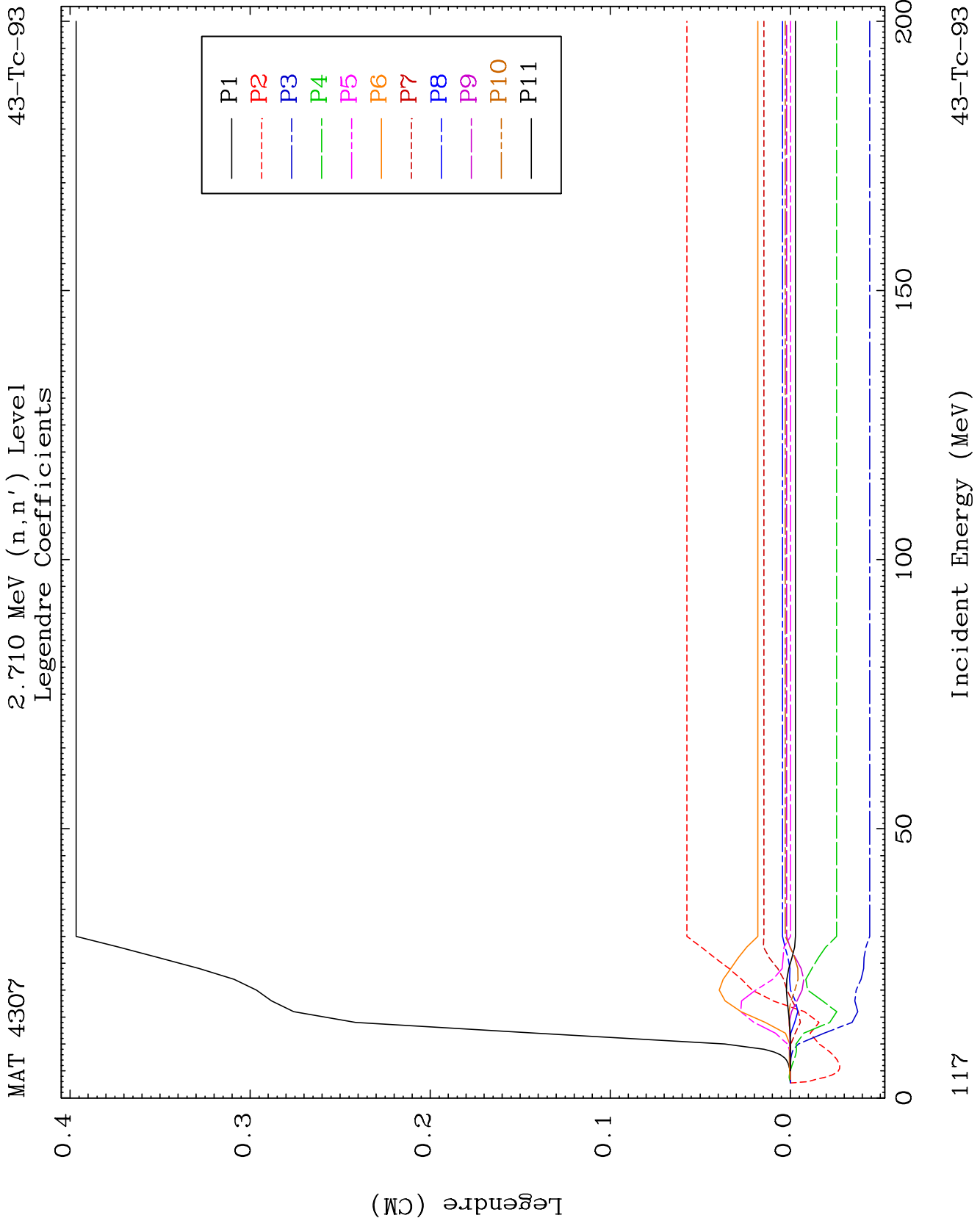
MAT 4307

2.631 MeV (n,n') Level  
Legendre Coefficients

43-Tc-93



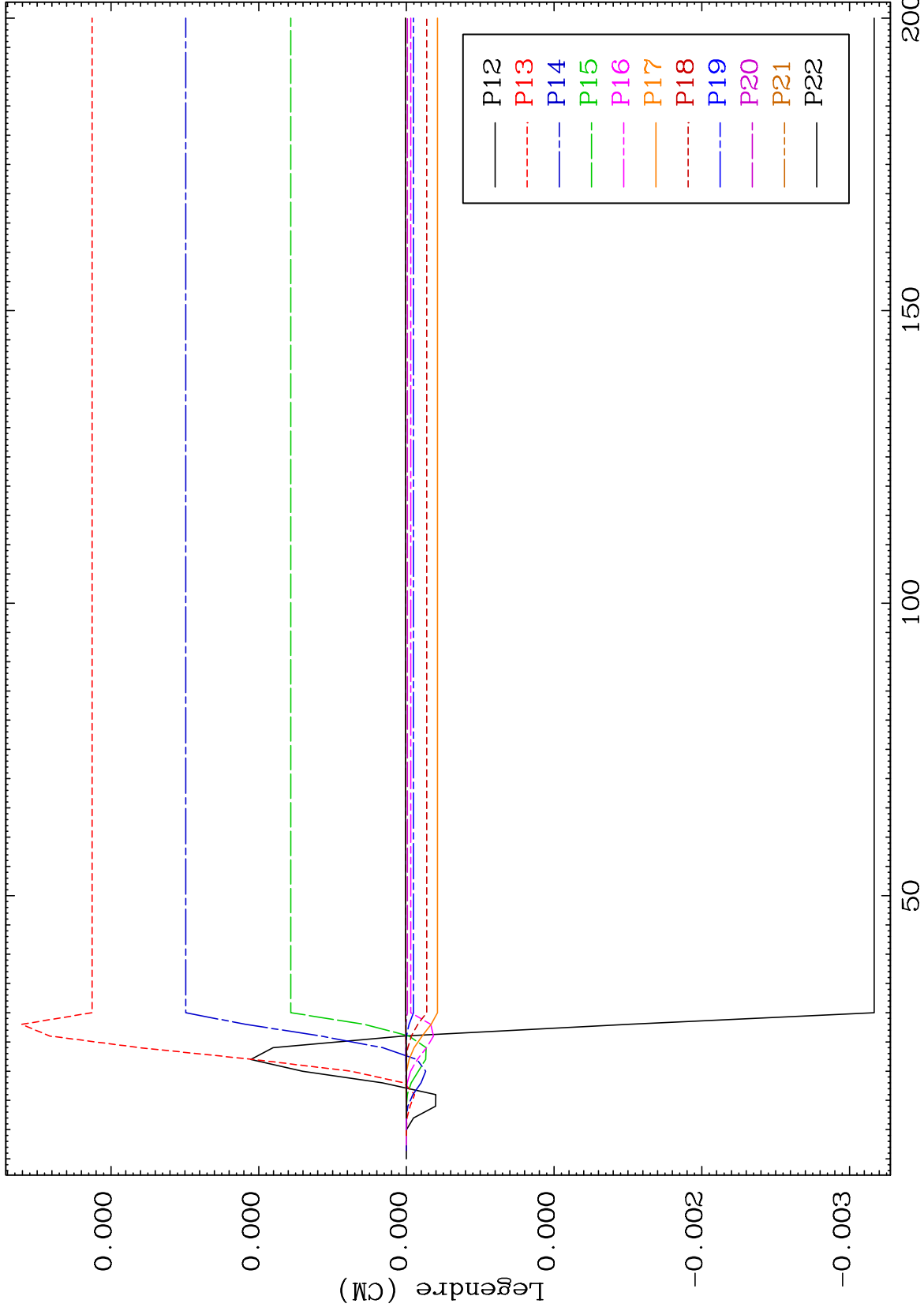




MAT 4307

2.710 MeV (n,n') Level  
Legendre Coefficients

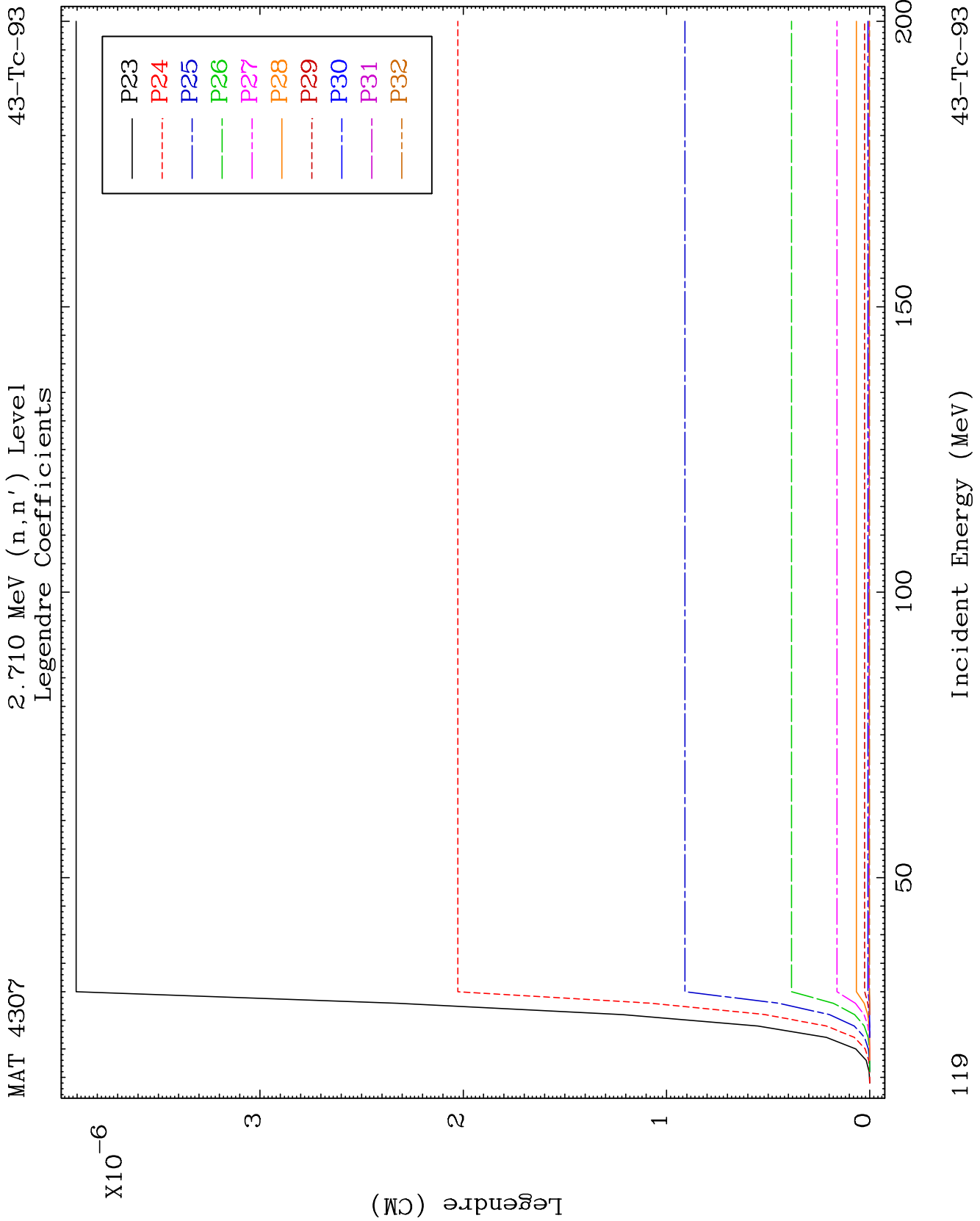
43-Tc-93



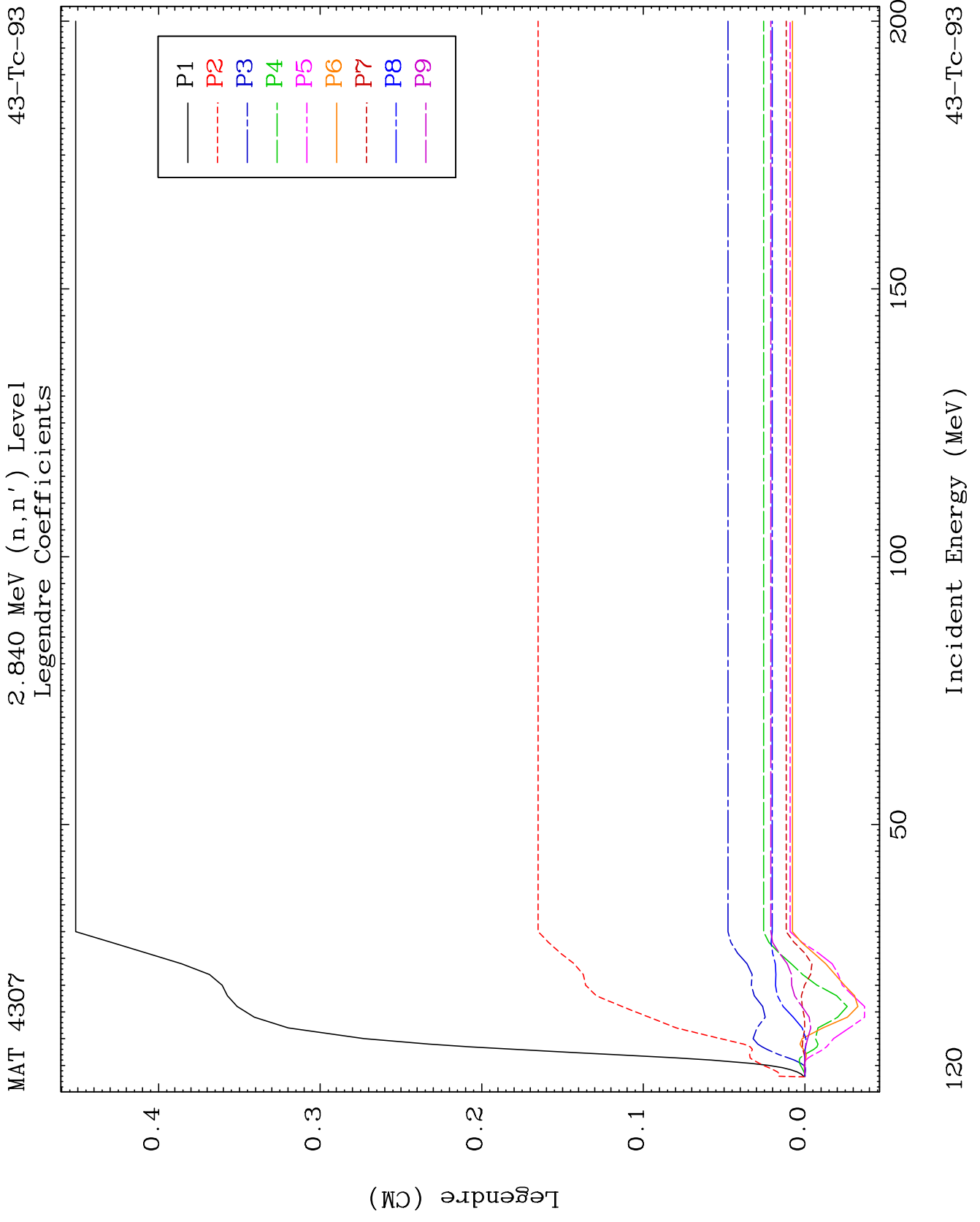
118

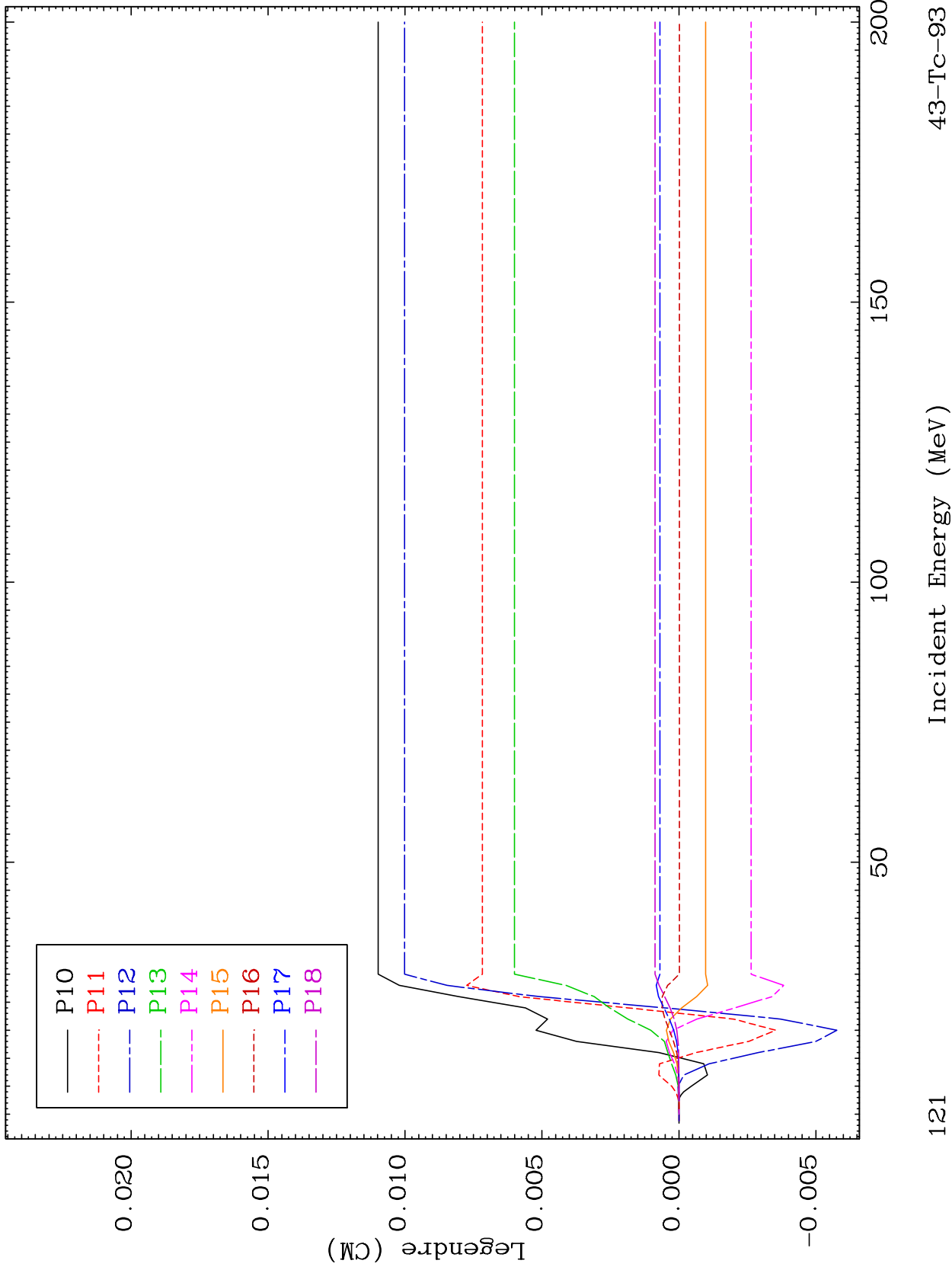
Incident Energy (MeV)

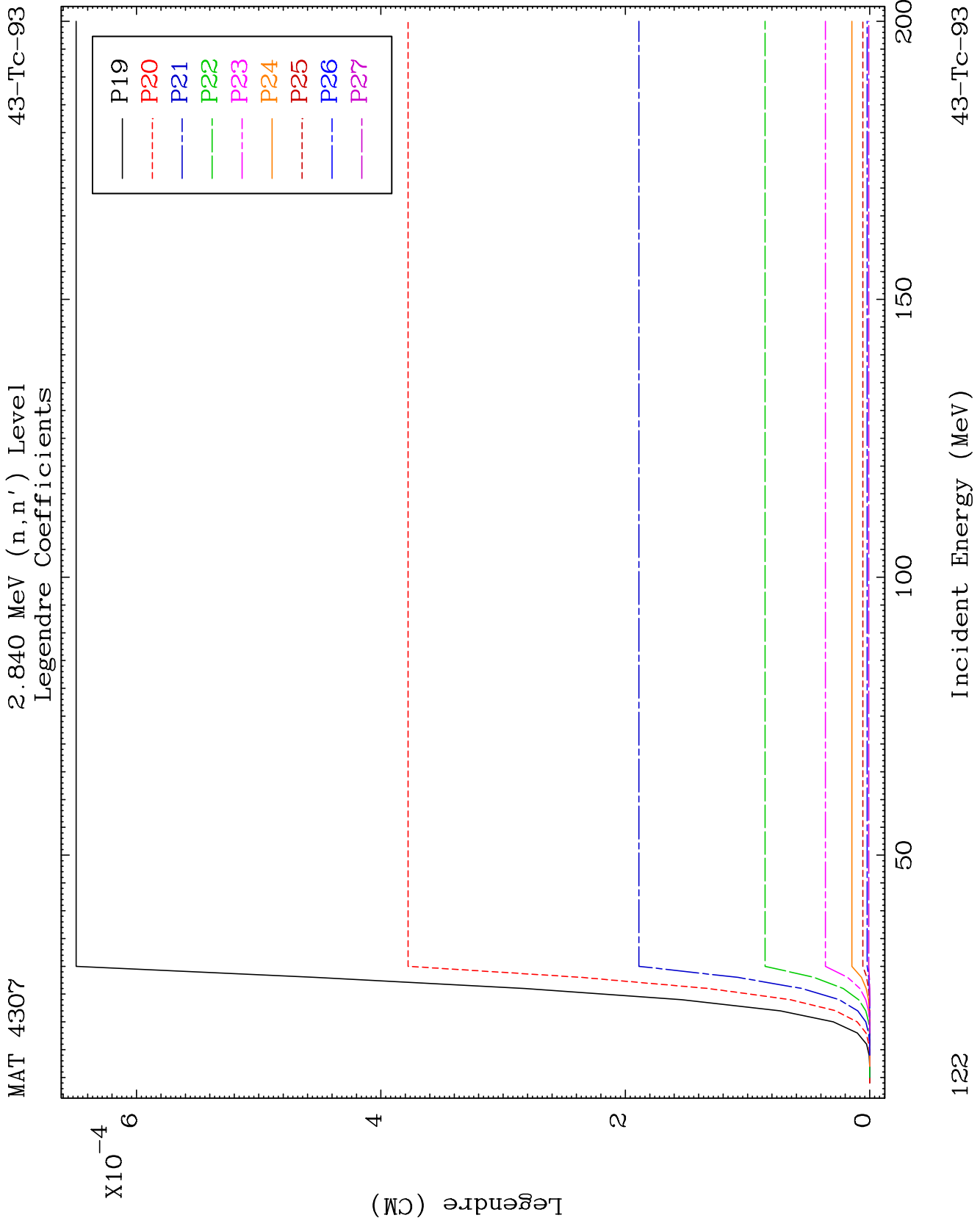
43-Tc-93

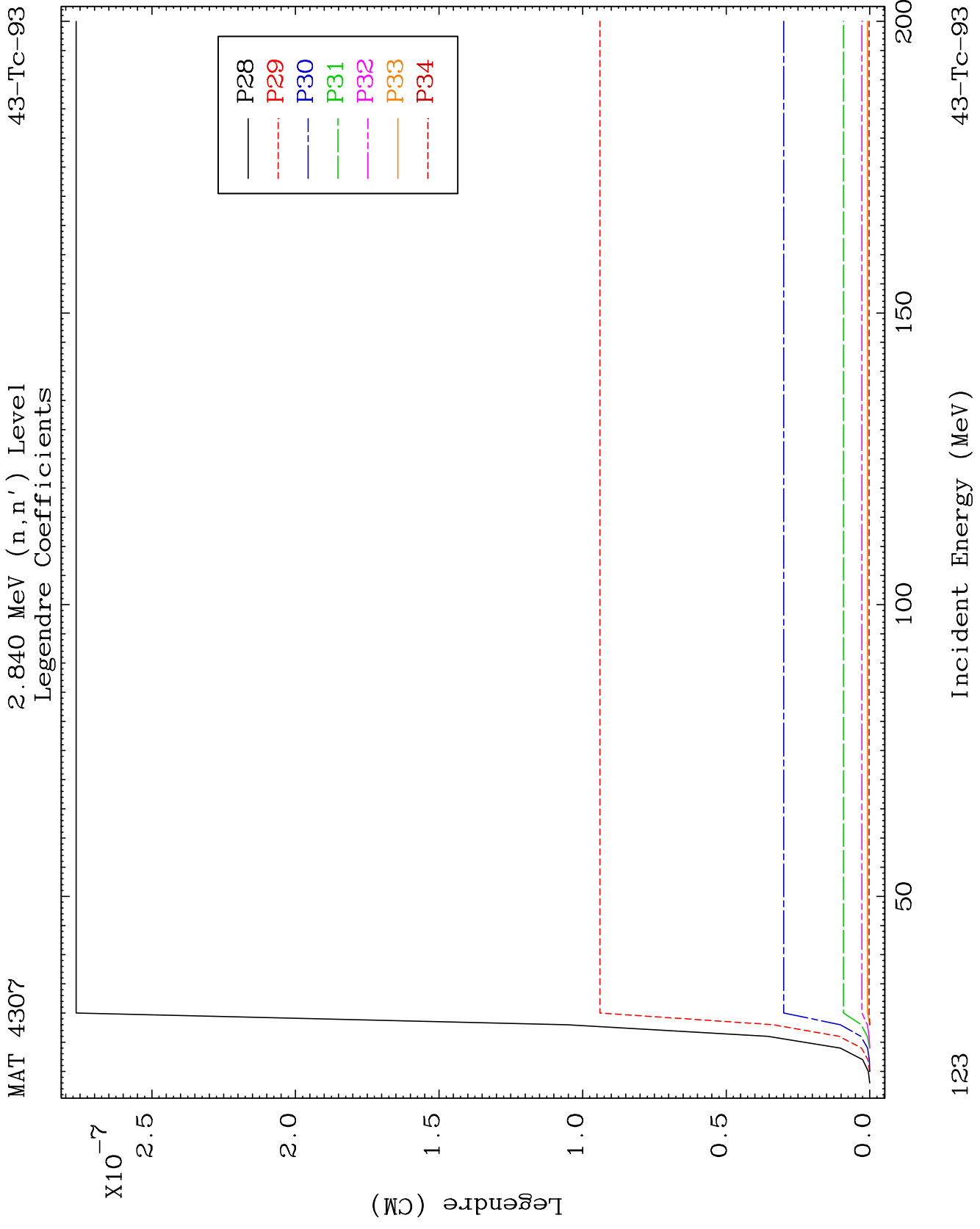








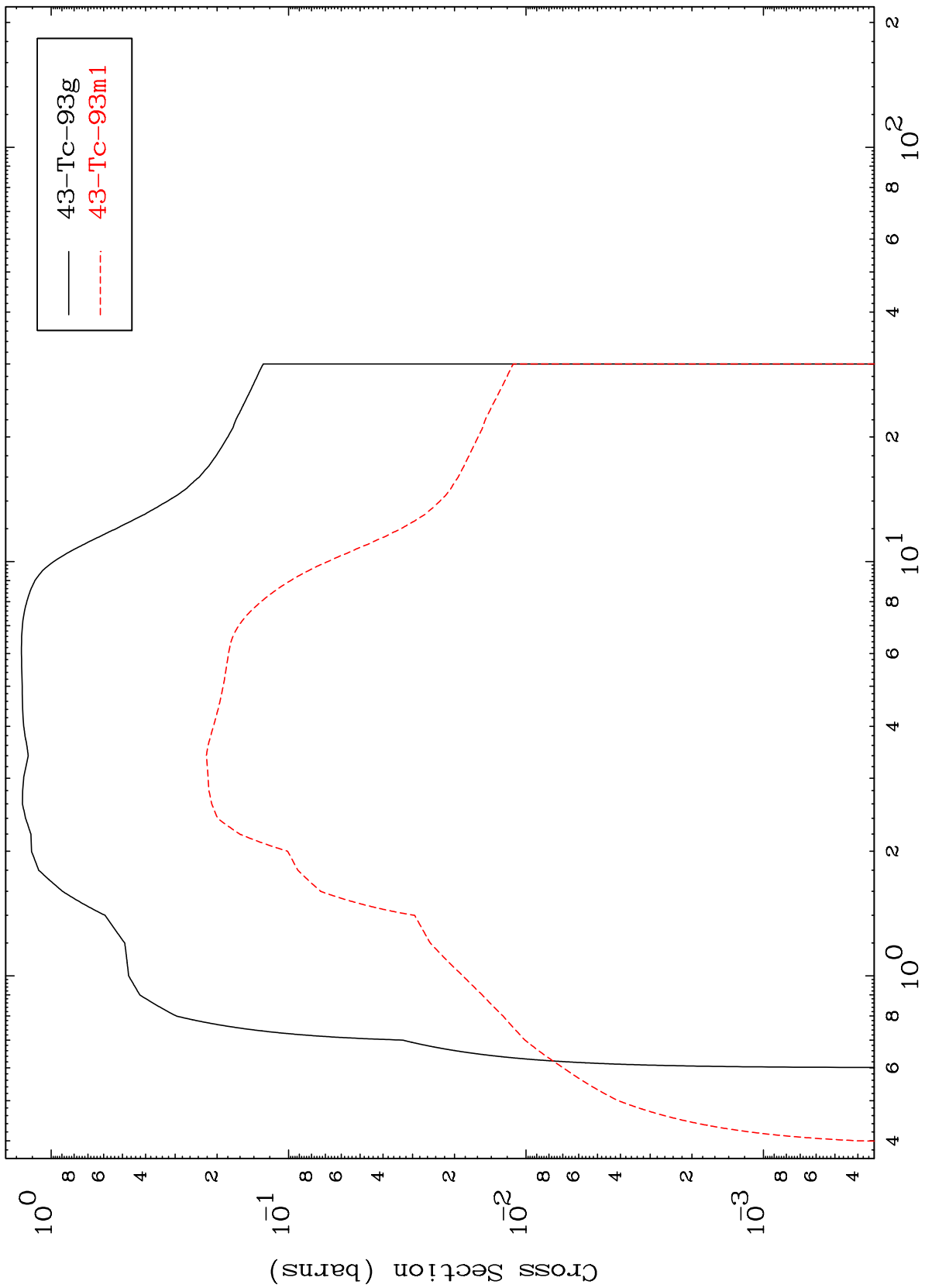




MAT 4307

43-Tc-93

Inelastic  
Radionuclide Production Cross Section



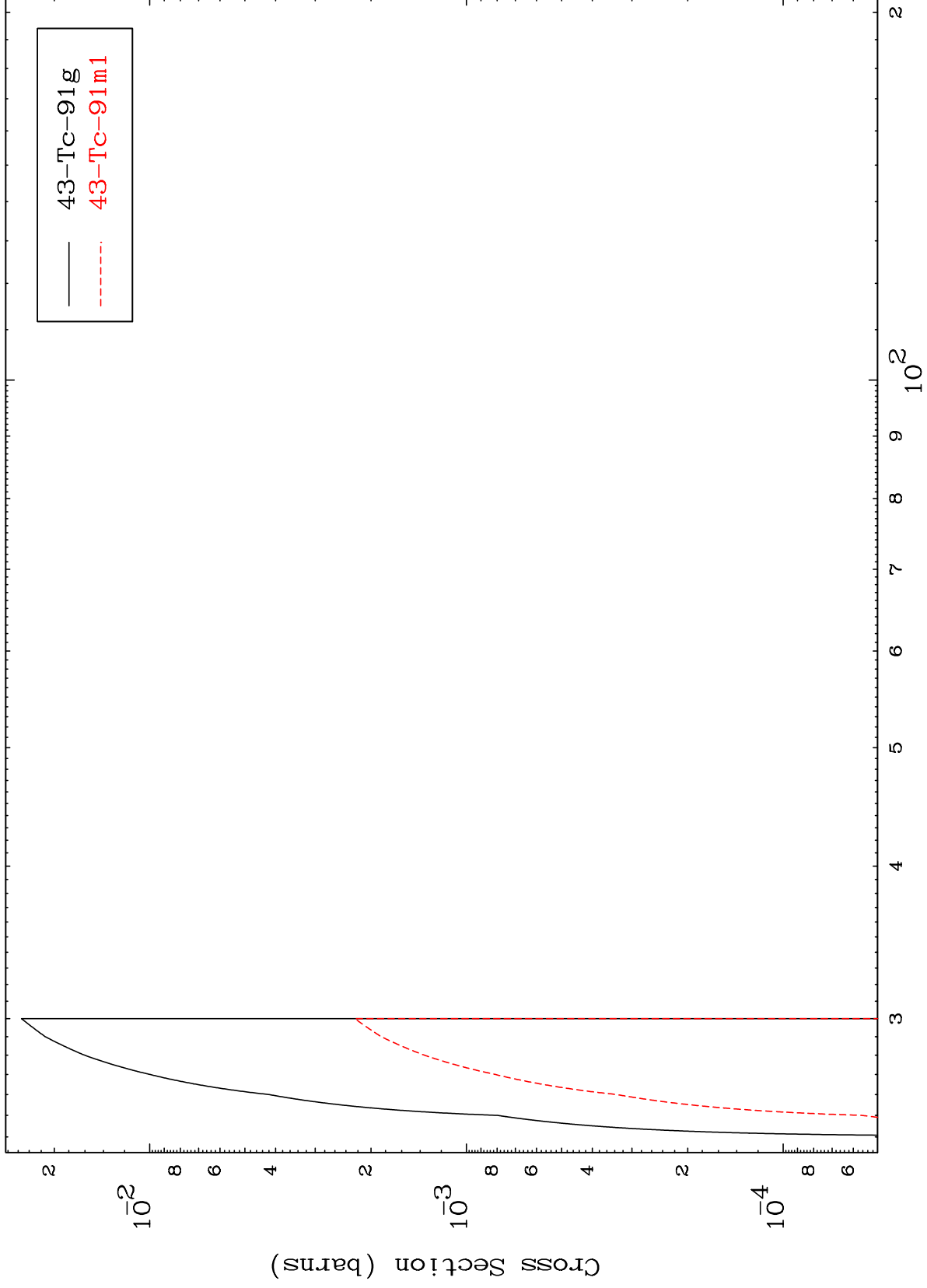
43-Tc-93g  
43-Tc-93m1

124

Incident Energy (MeV)

43-Tc-93

(n,3n)  
Radionuclide Production Cross Section

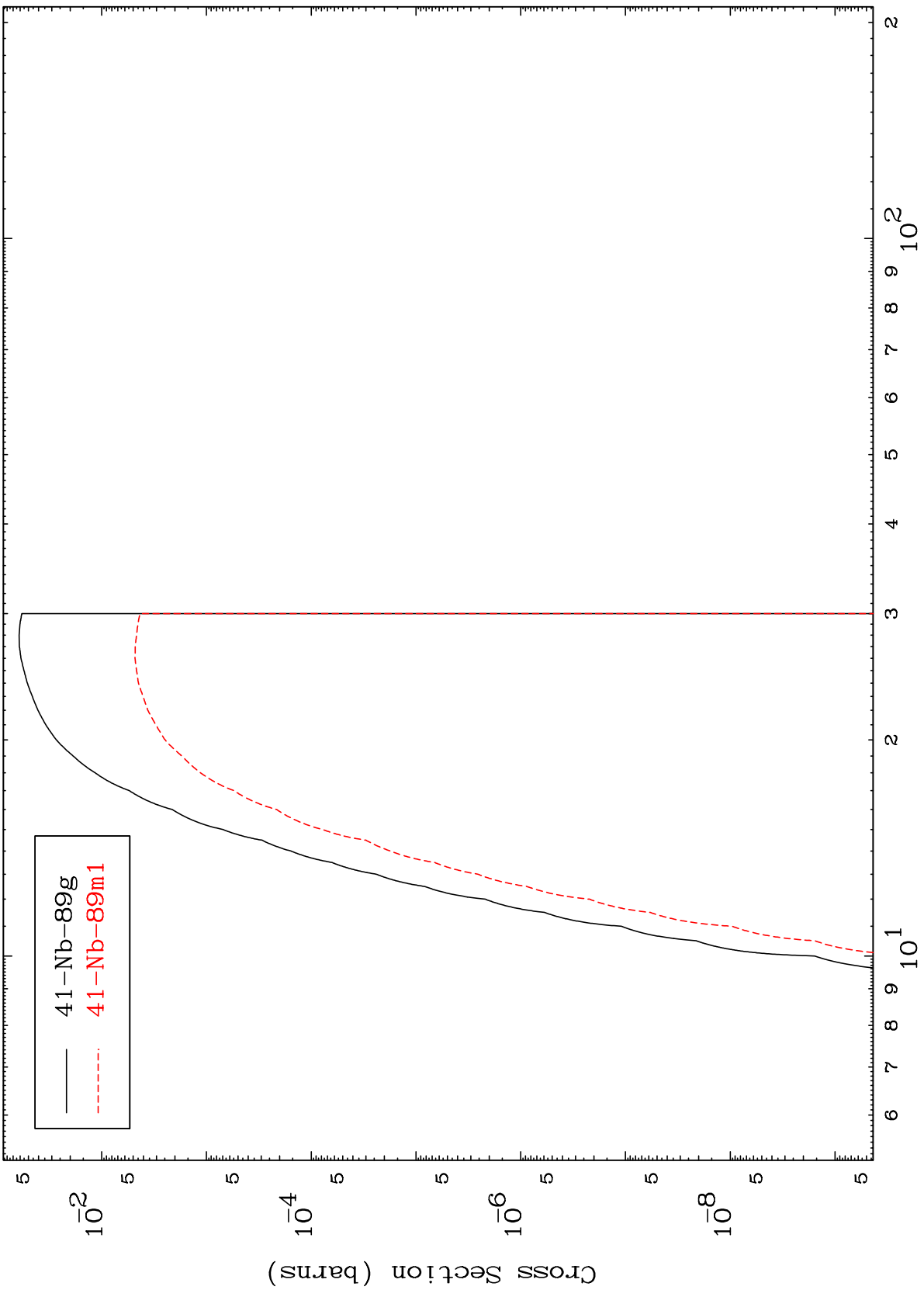


MAT 4307

$(n, n') \alpha$

43-Tc-93

Radionuclide Production Cross Section

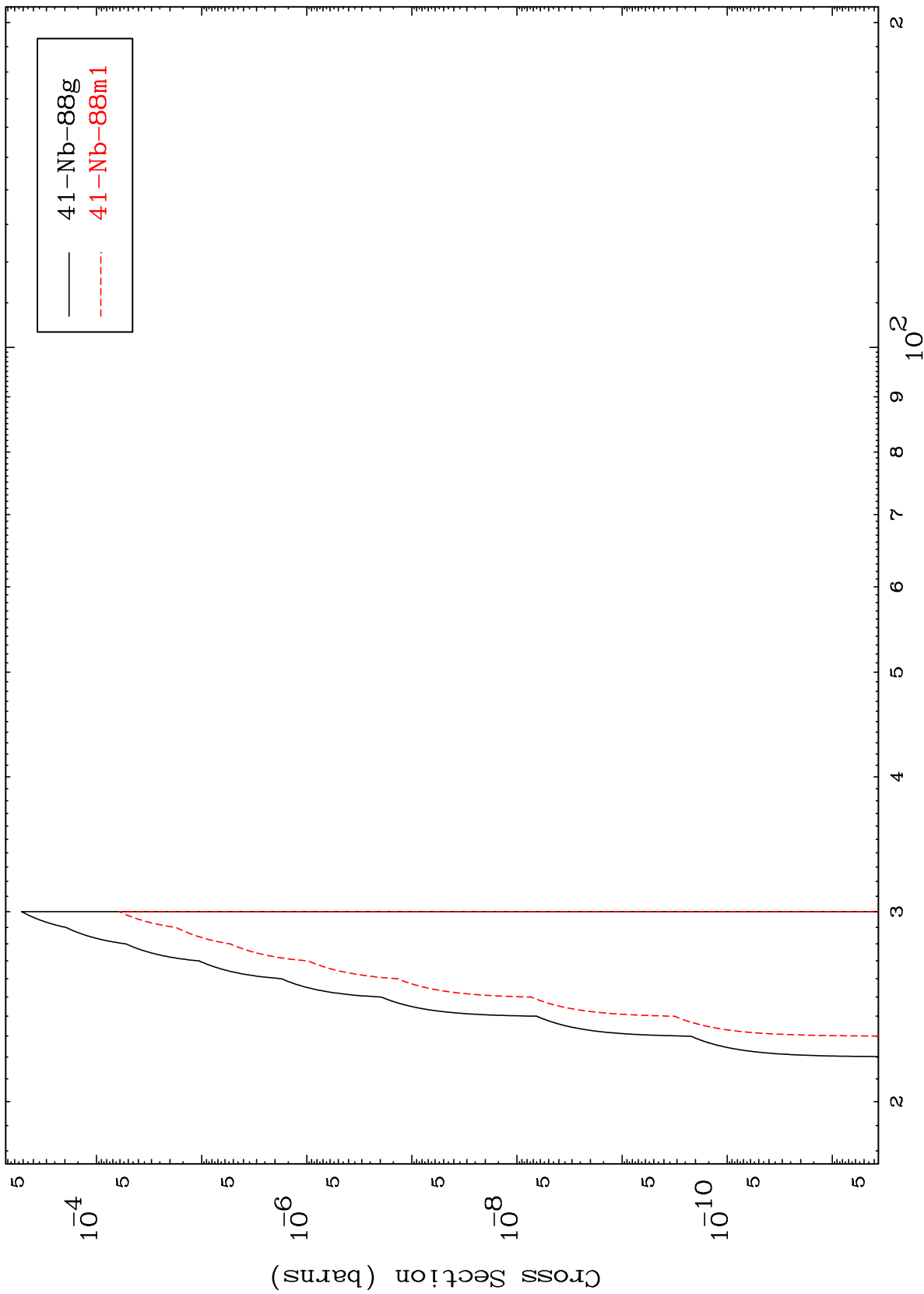


126

Incident Energy (MeV)

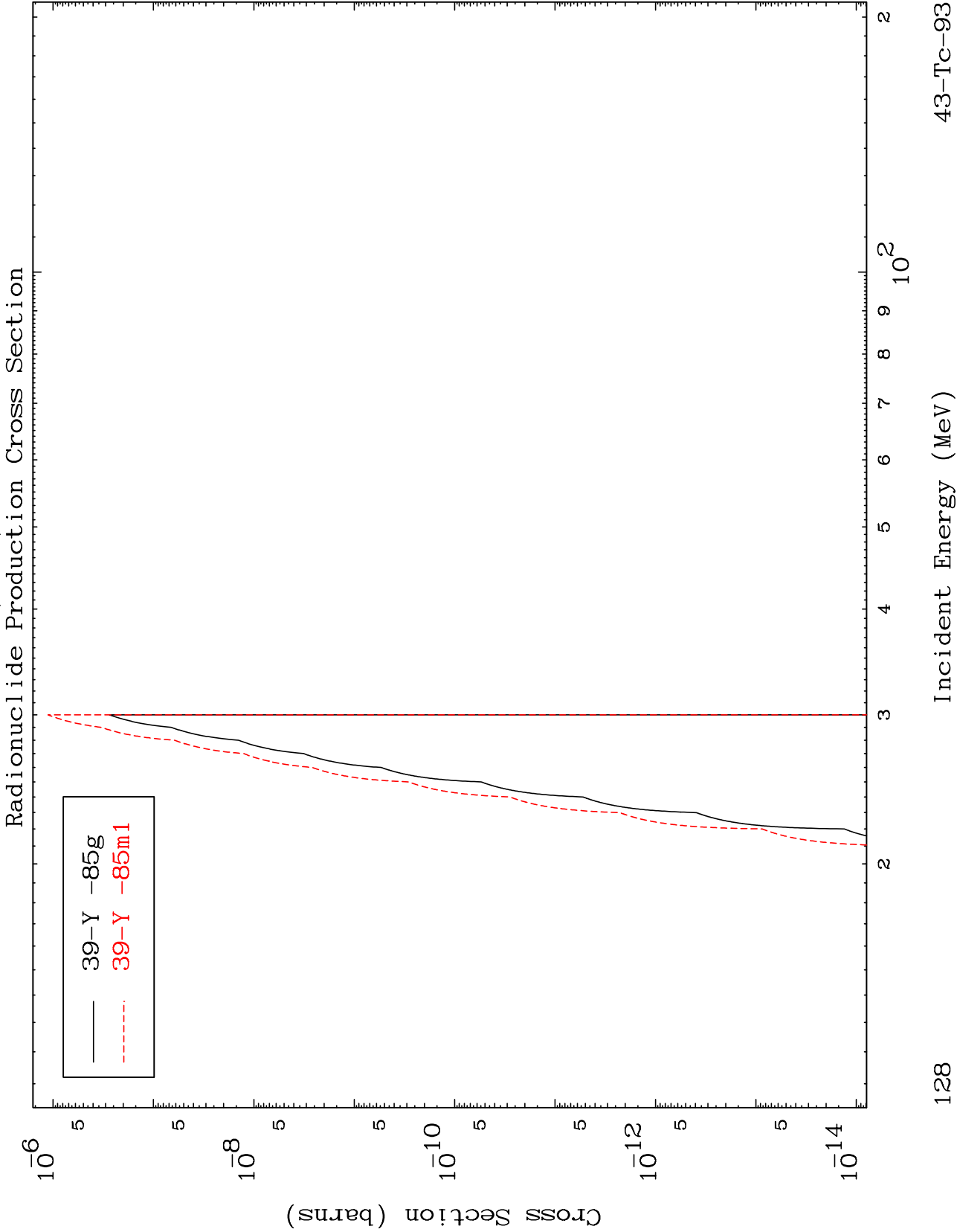
43-Tc-93

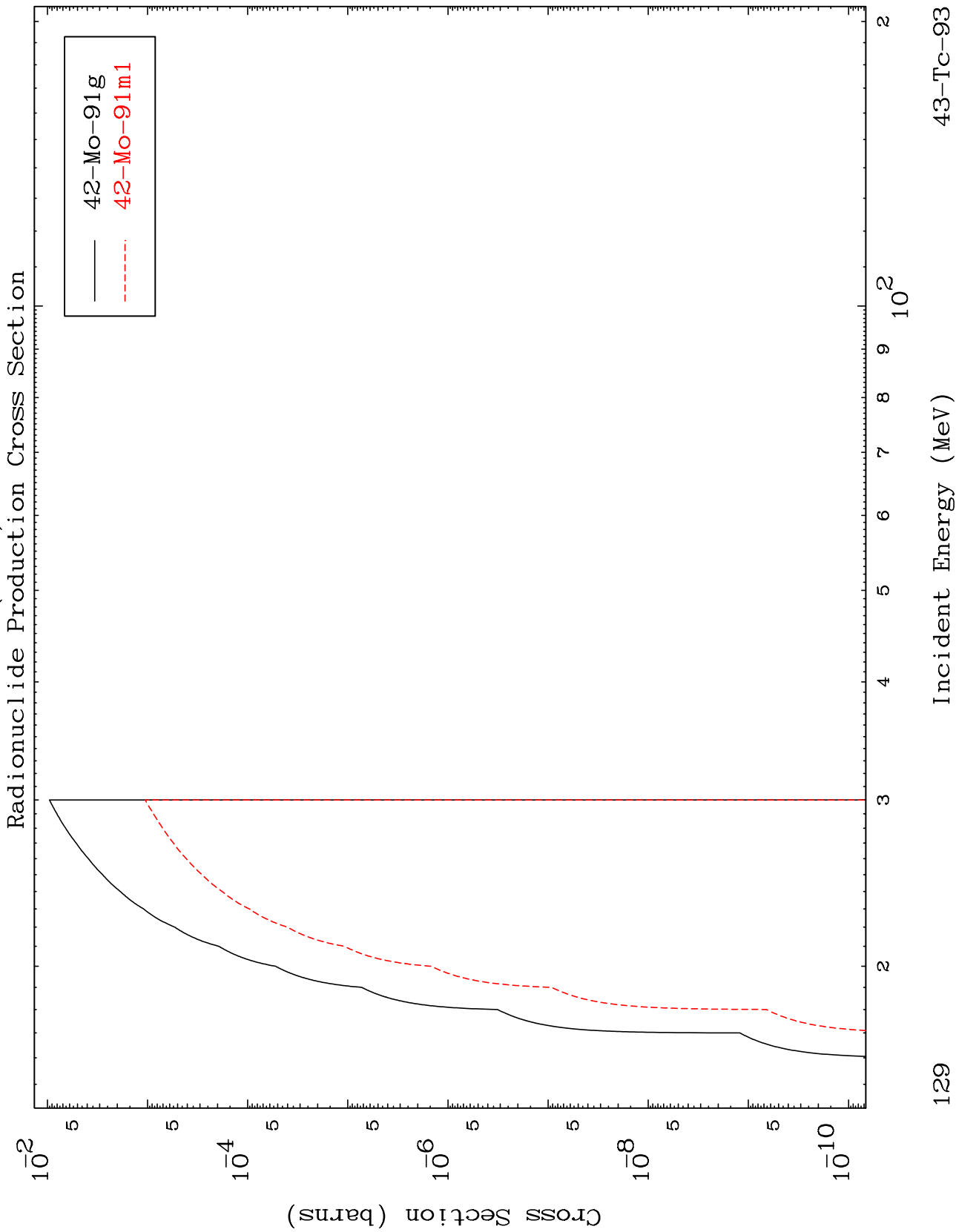
Radionuclide Production Cross Section



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





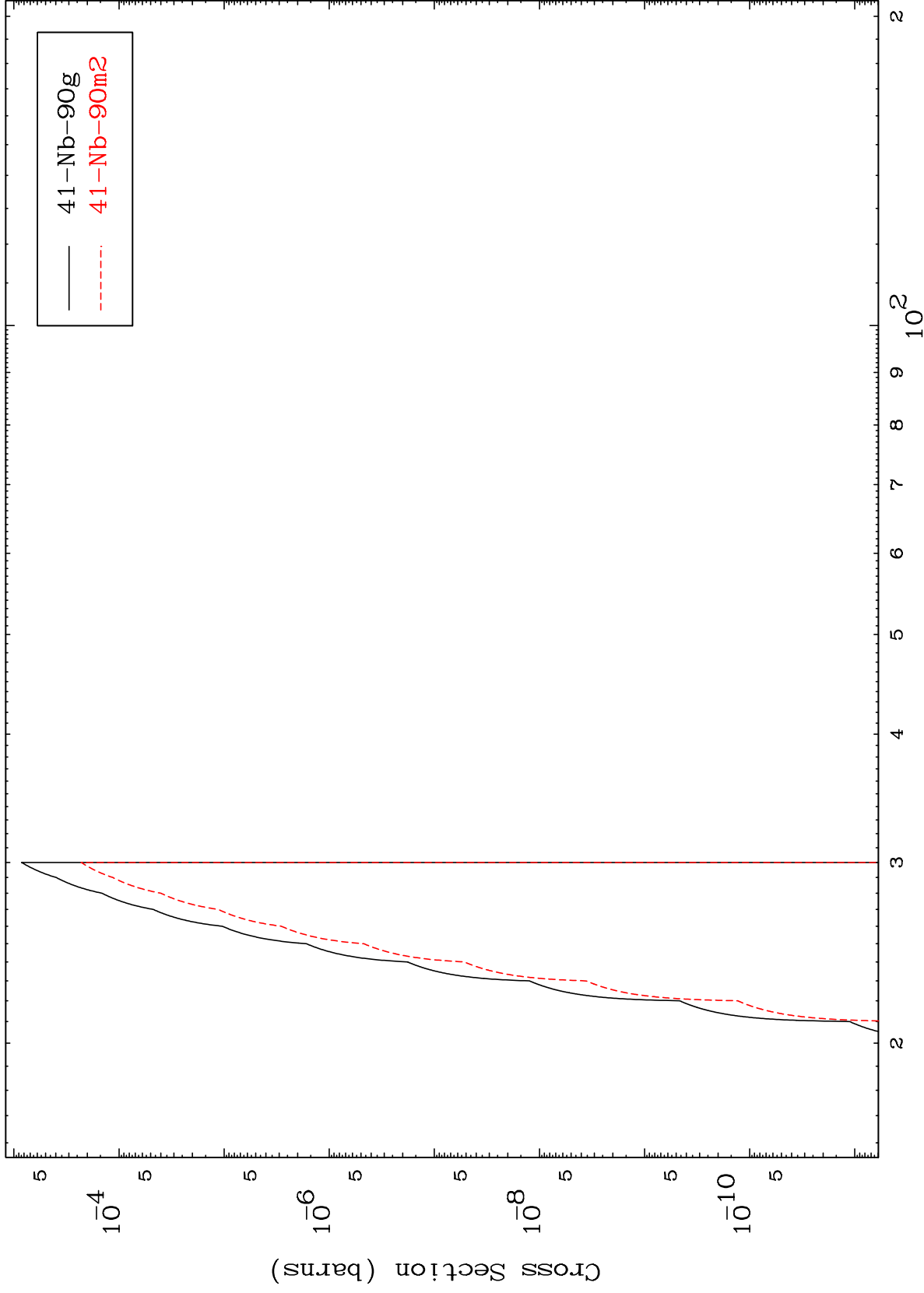


MAT 4307

(n,n') He-3

43-Tc-93

Radionuclide Production Cross Section



130

Incident Energy (MeV)

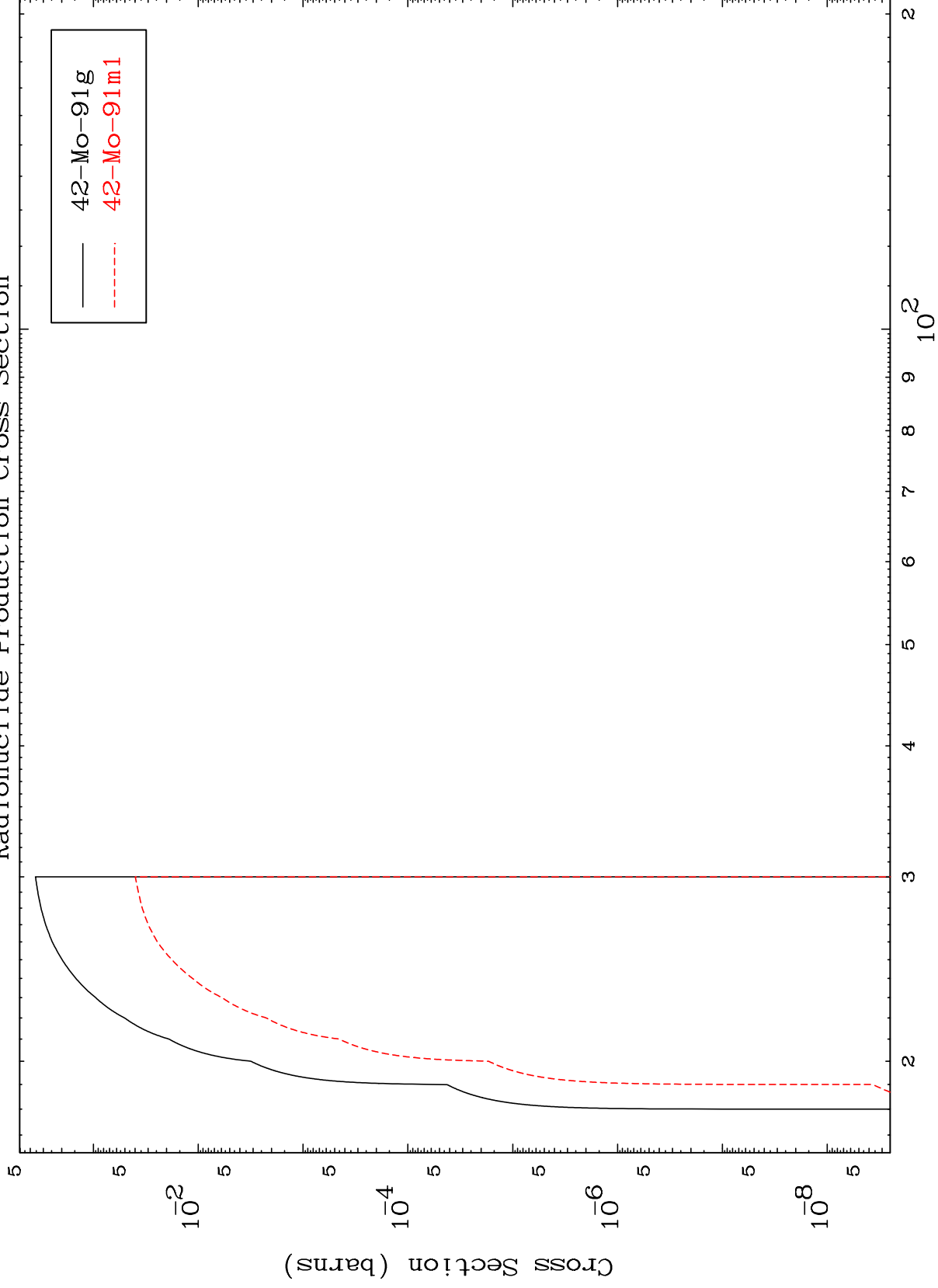
43-Tc-93

MAT 4307

(n,2n) p

43-Tc-93

Radionuclide Production Cross Section

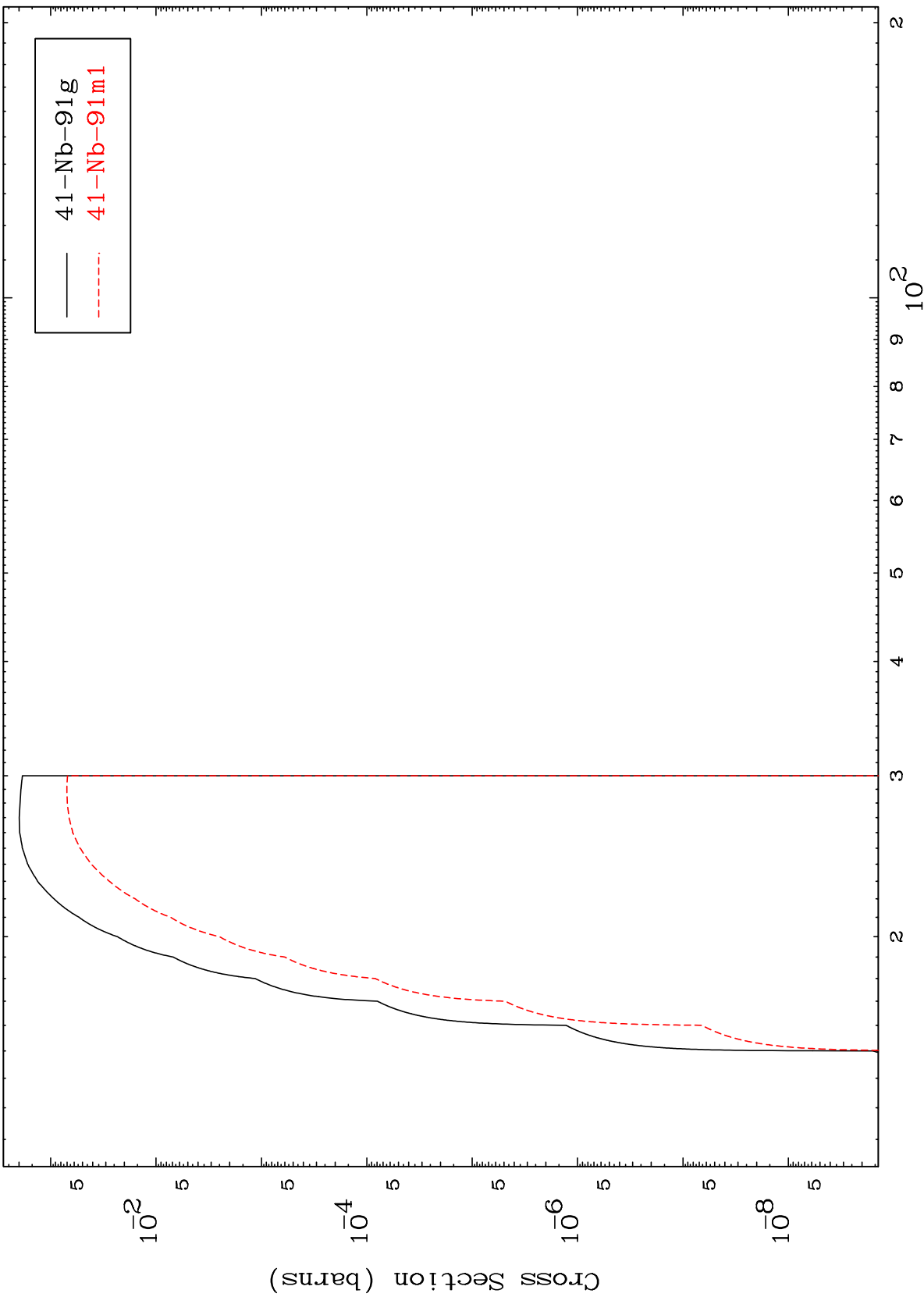


131

Incident Energy (MeV)

43-Tc-93

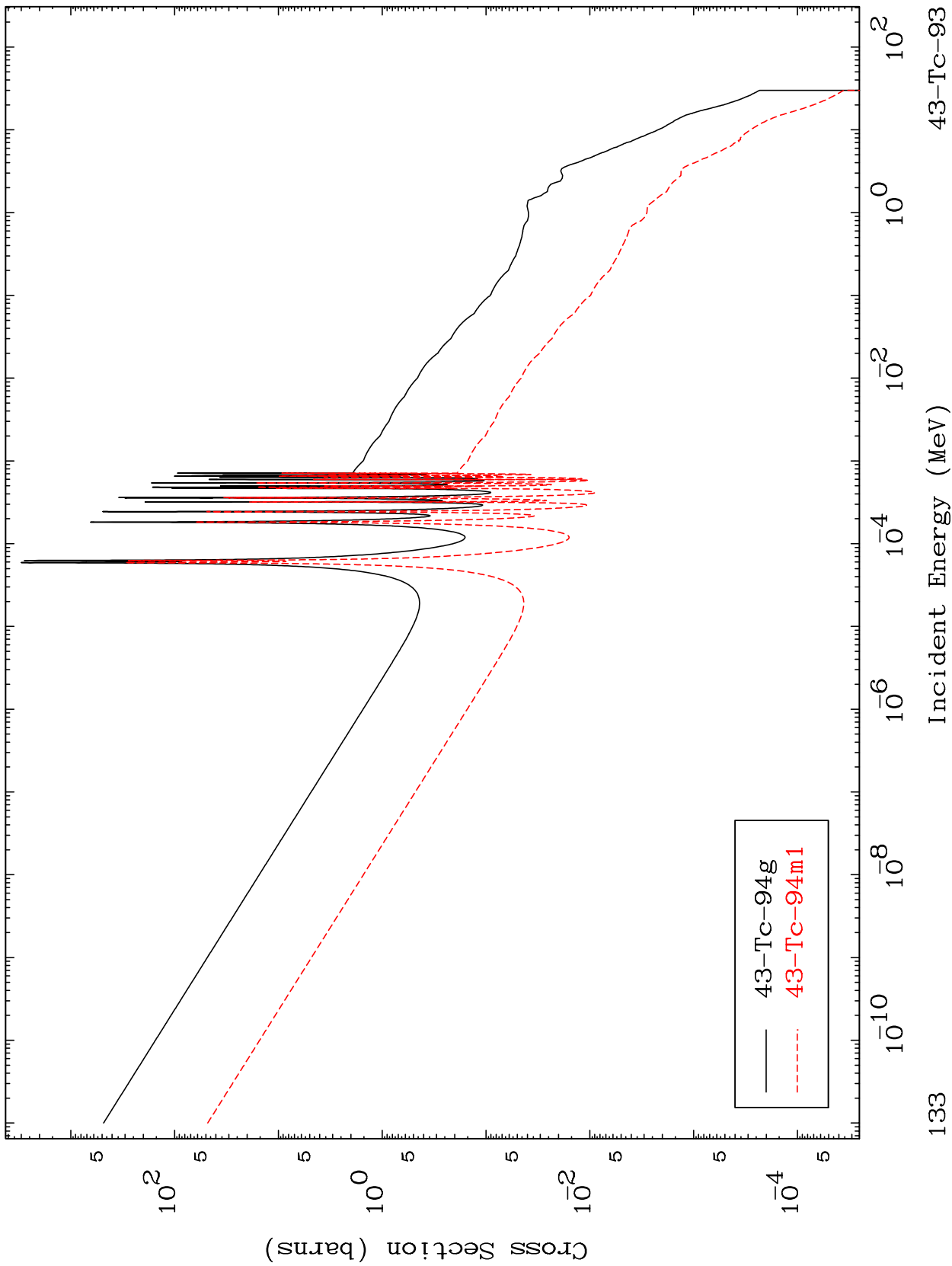
Radionuclide Production Cross Section



MAT 4307

43-Tc-93

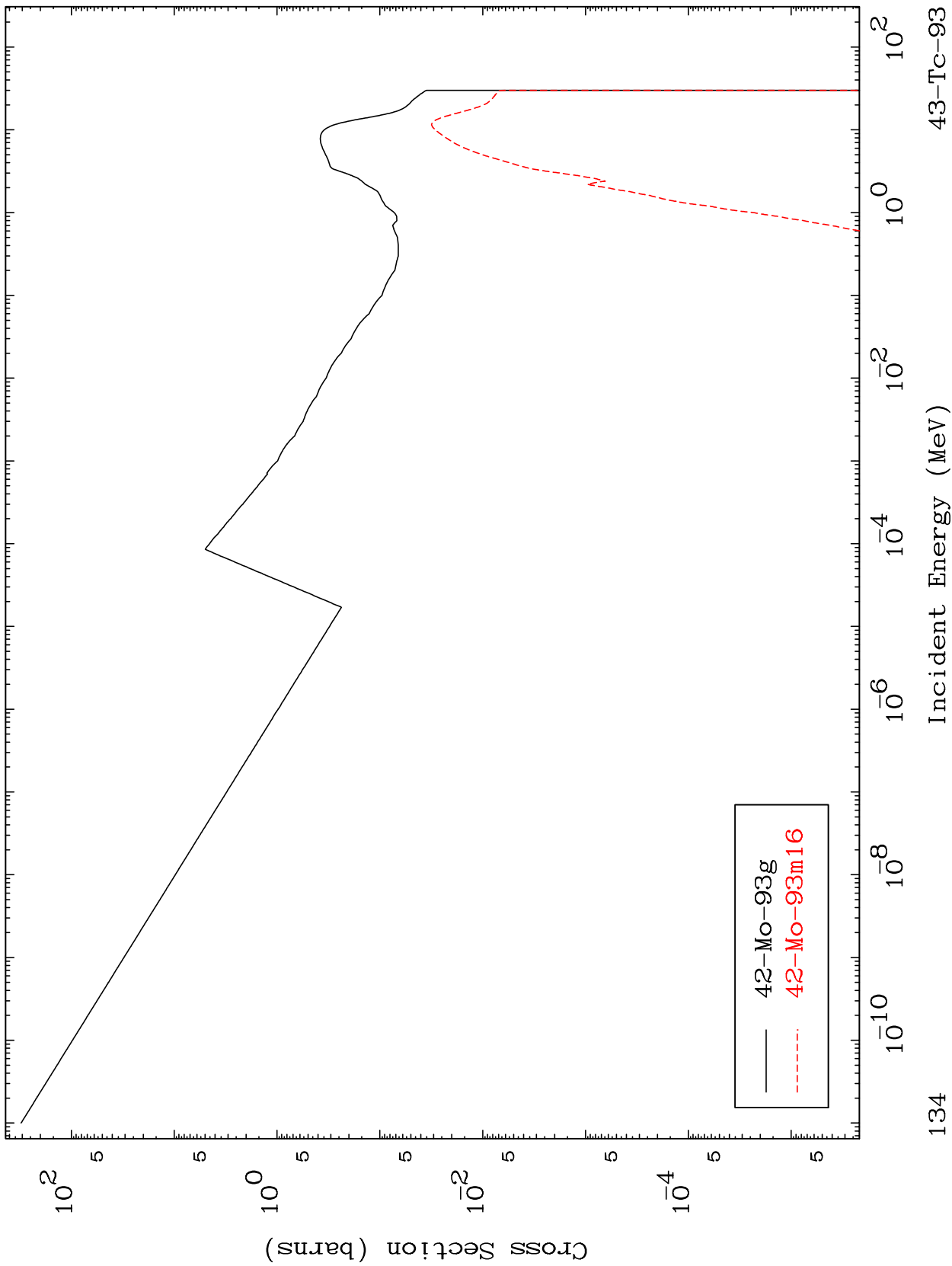
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 4307

43-Tc-93

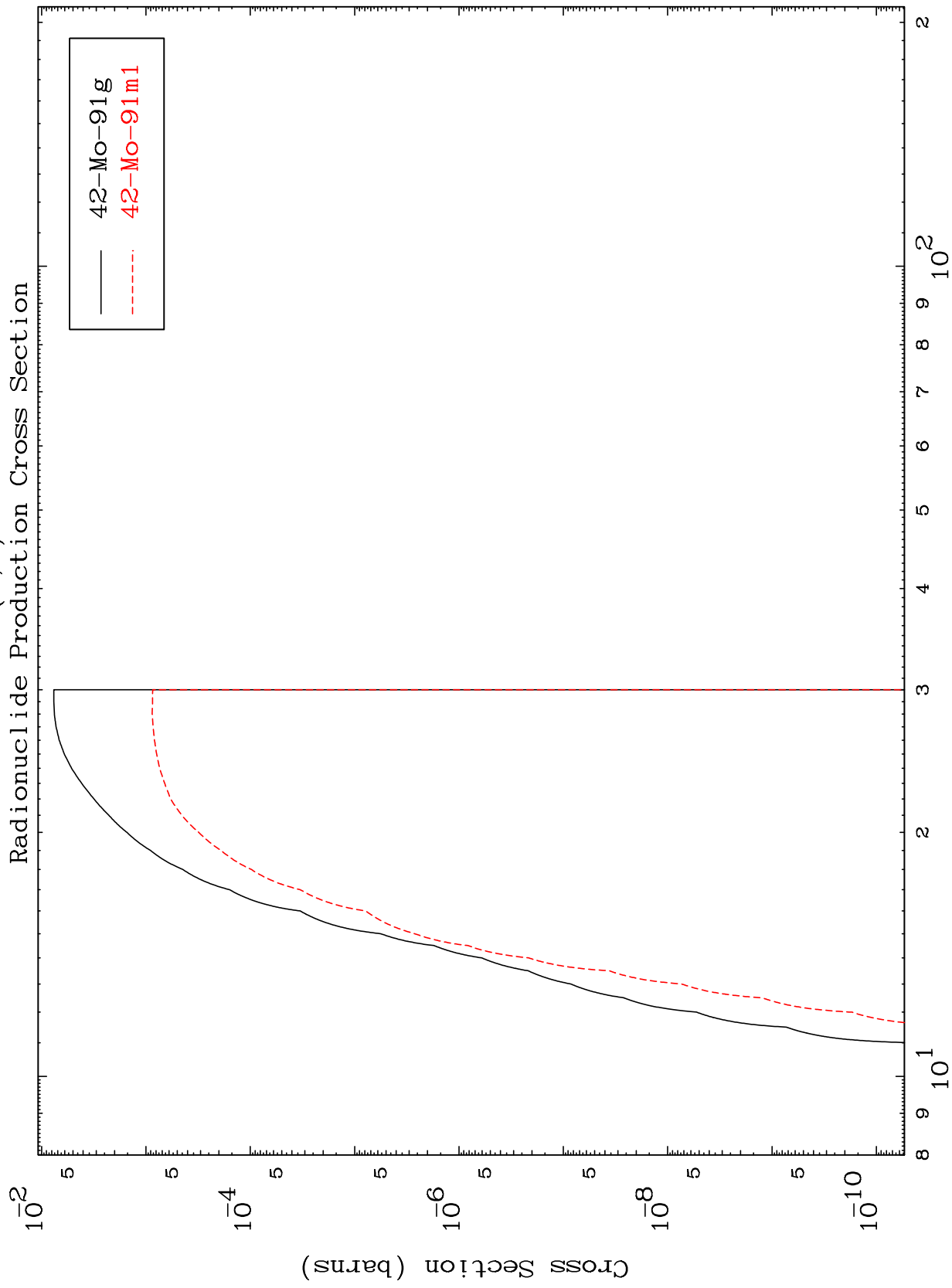
(n,p)  
Radionuclide Production Cross Section



MAT 4307

(n, t)

43-Tc-93



135

Incident Energy (MeV)

43-Tc-93

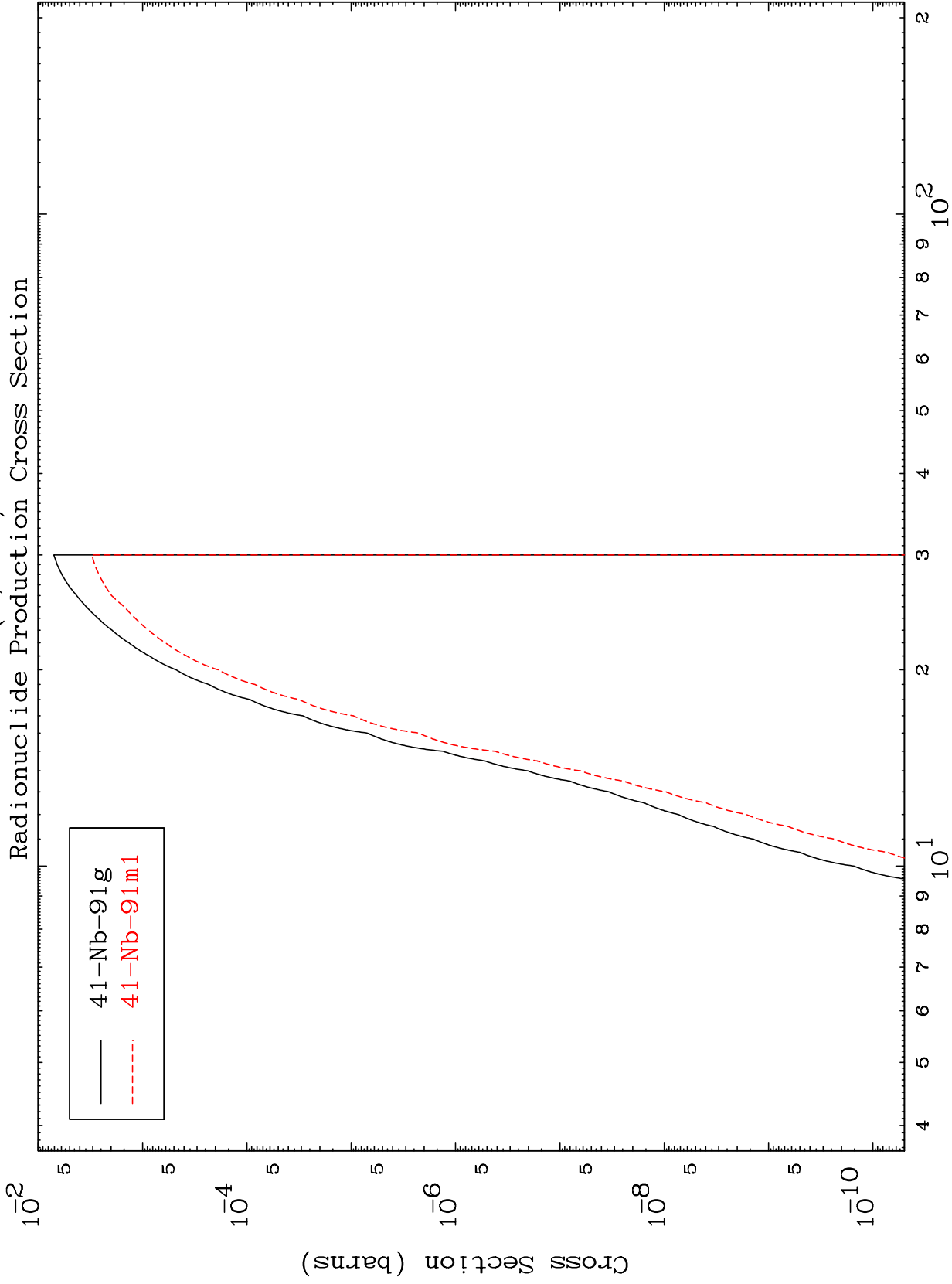


MAT 4307

(n,He-3)

43-Tc-93

Radionuclide Production Cross Section



Incident Energy (MeV)

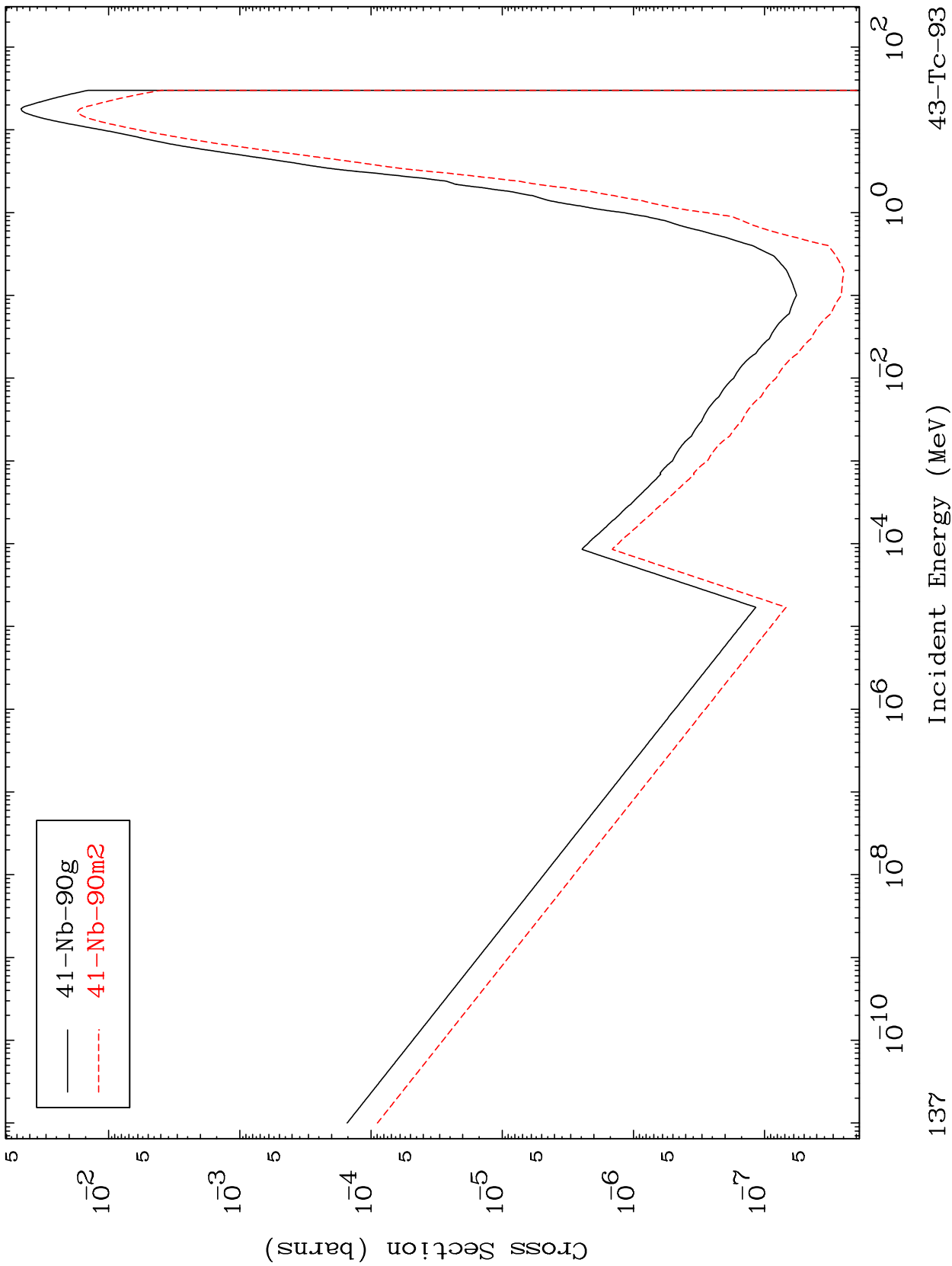
43-Tc-93

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MAT 4307

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

43-Tc-93



137

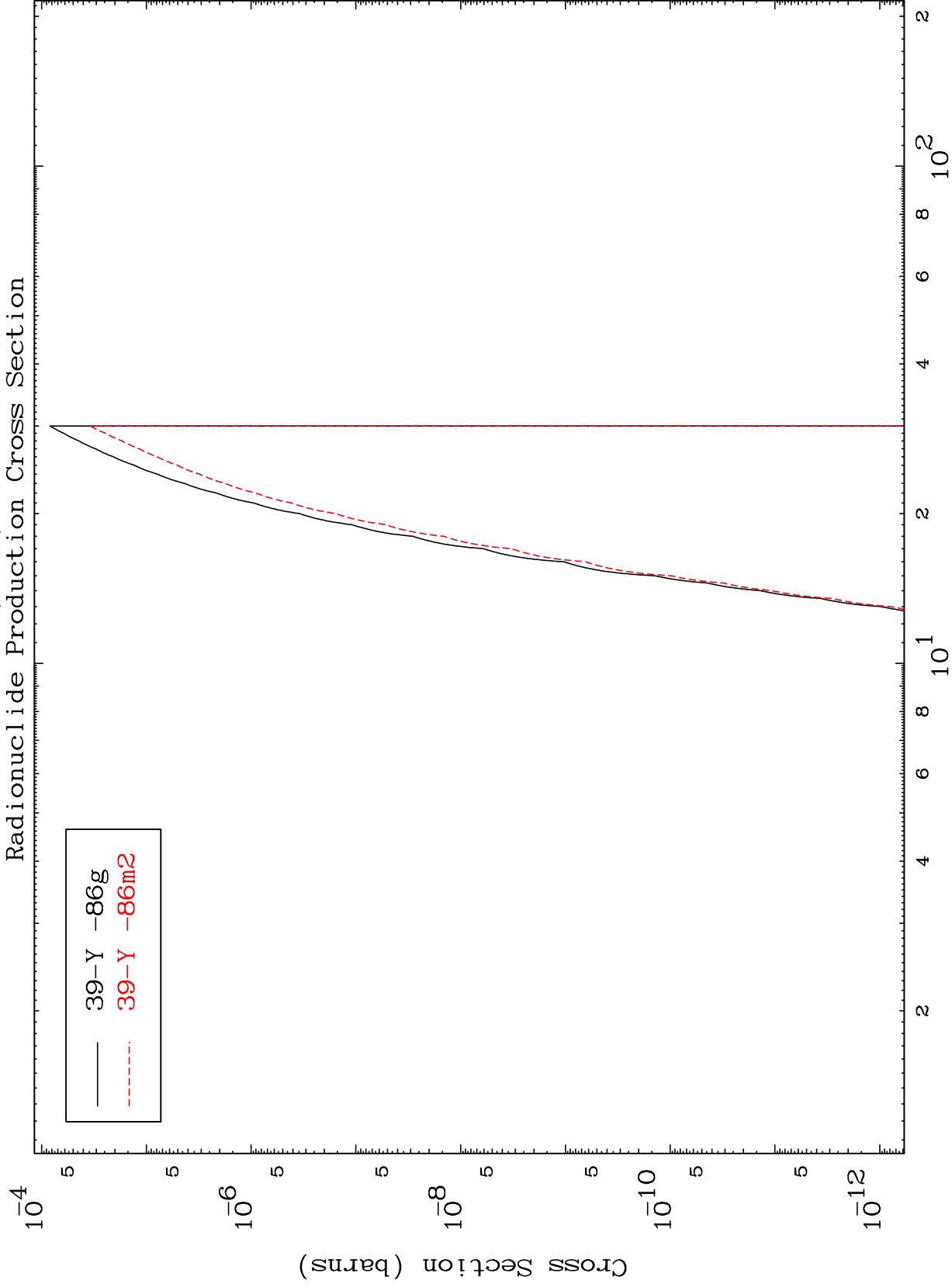
43-Tc-93

MAT 4307

(n,2α)

43-Tc-93

Radionuclide Production Cross Section



138

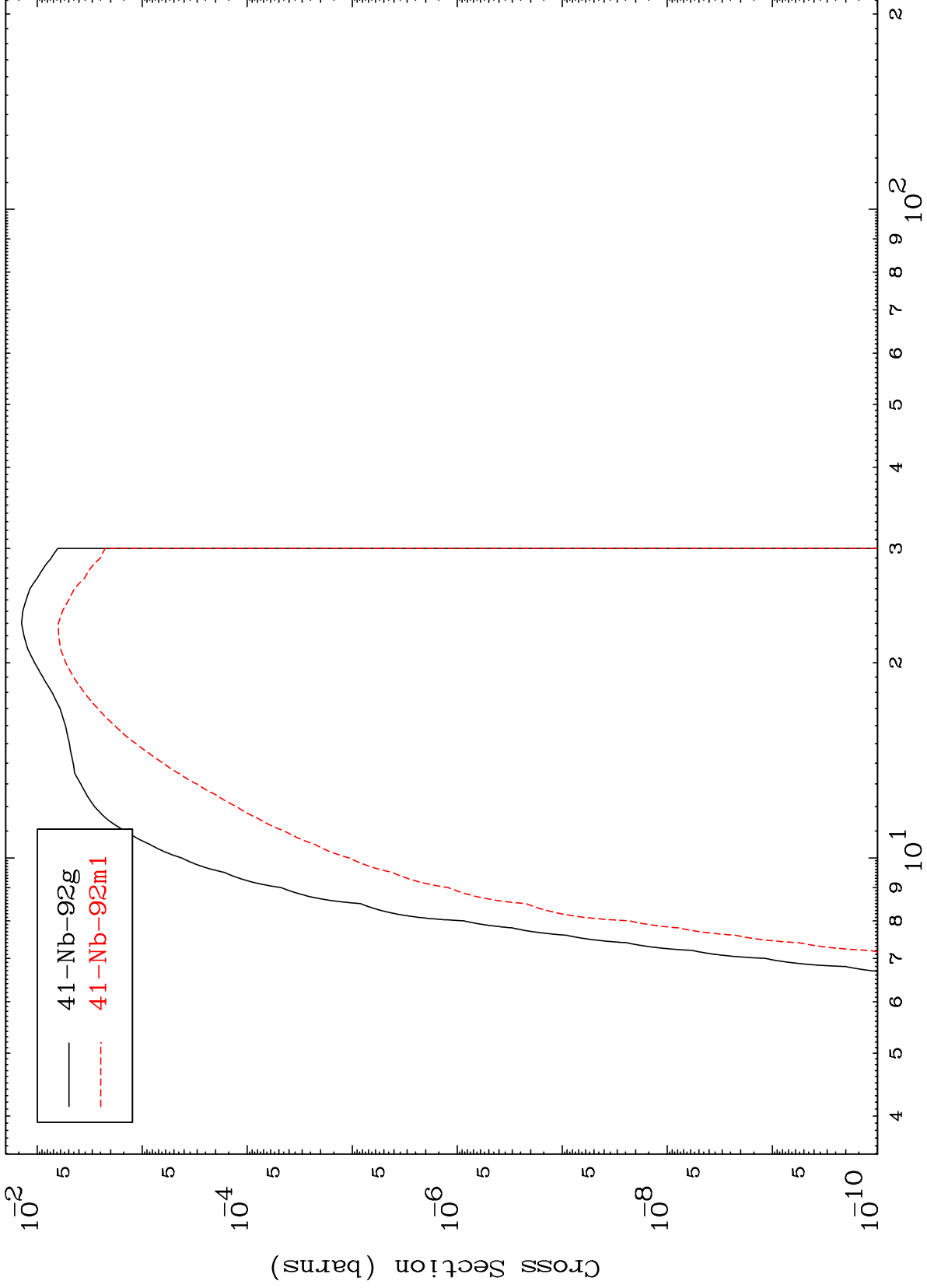
Incident Energy (MeV)

43-Tc-93

MAT 4307

43-Tc-93

(n,2p)  
Radionuclide Production Cross Section



43-Tc-93

Incident Energy (MeV)

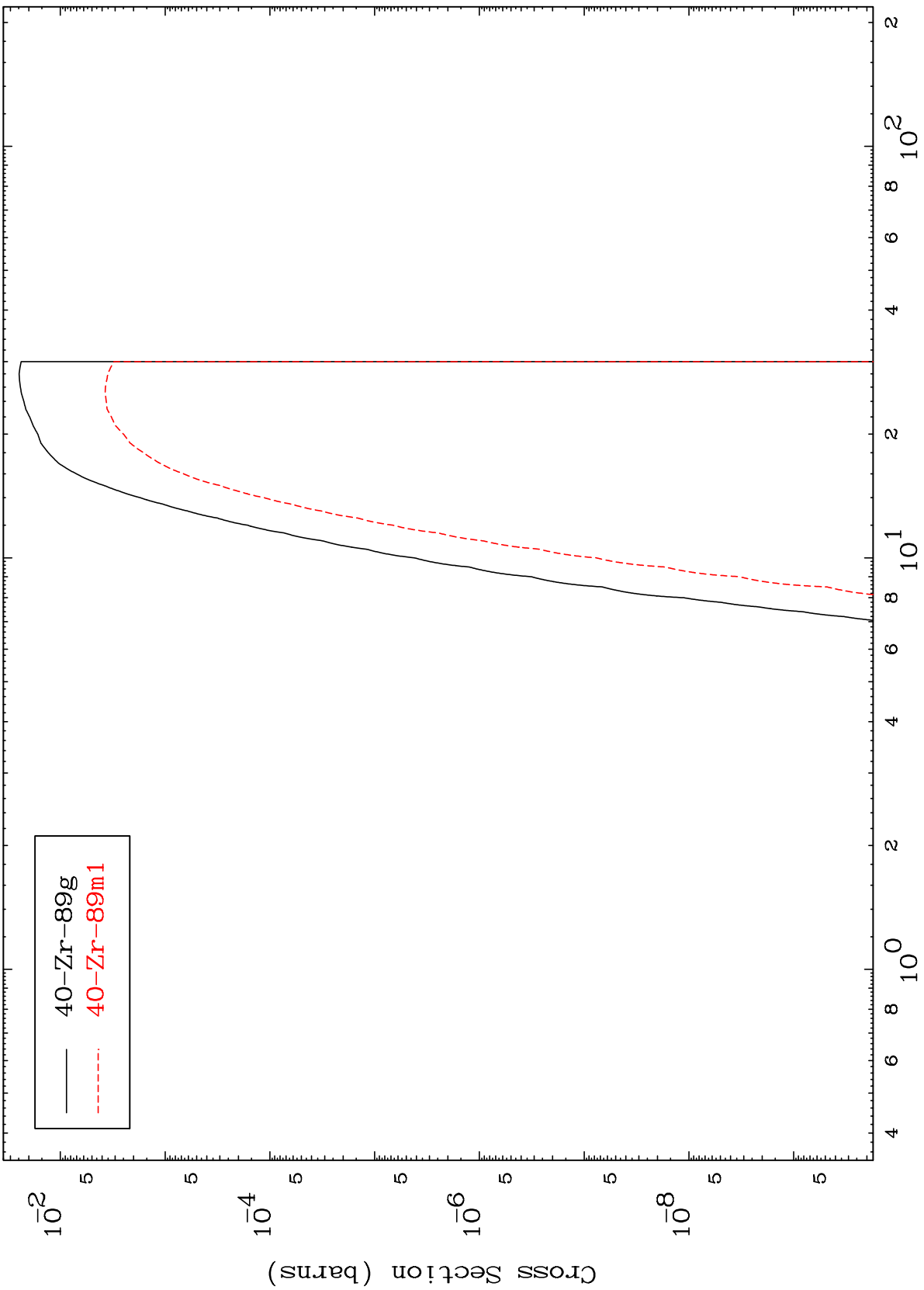
139

MAT 4307

(n,p)  $\alpha$

43-Tc-93

Radionuclide Production Cross Section



— 40-Zr-89g  
- - - 40-Zr-89m1

140

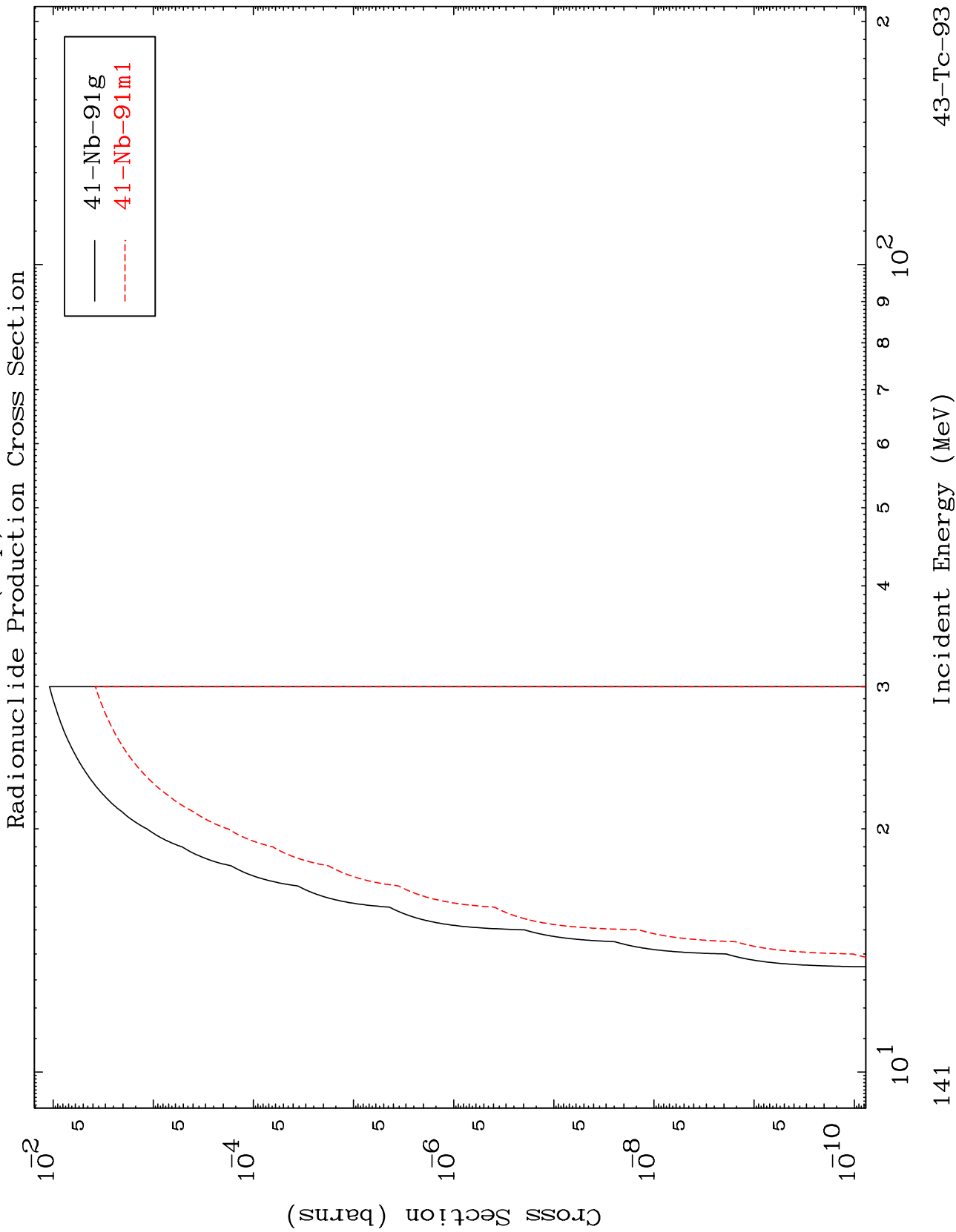
Incident Energy (MeV)

43-Tc-93

MAT 4307

(n,p) d

43-Tc-93



43-Tc-93

Incident Energy (MeV)

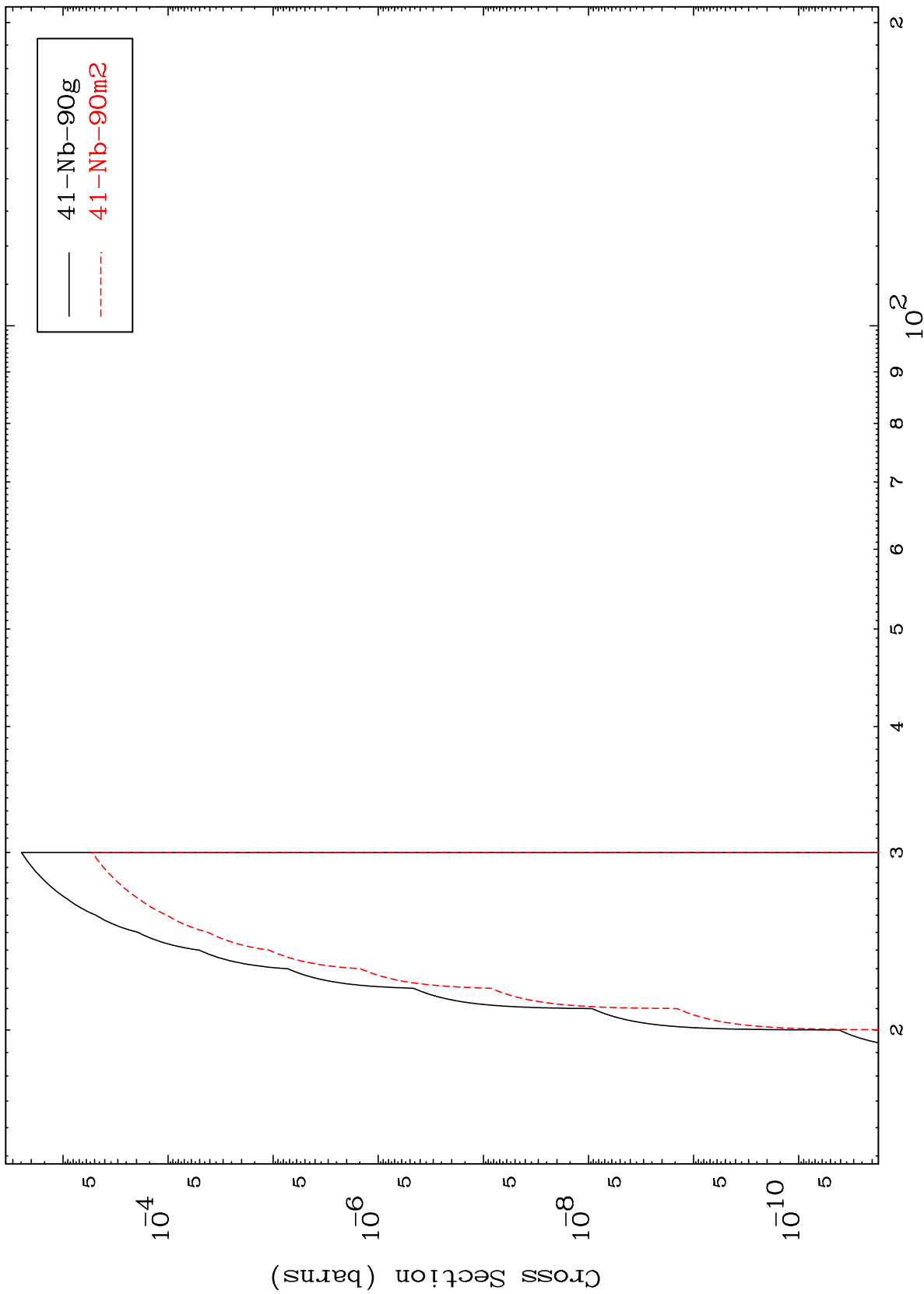
141

MAT 4307

(n,p) t

43-Tc-93

Radionuclide Production Cross Section



142

Incident Energy (MeV)

43-Tc-93