

Program EVALPLOT  
(Version 2015-2)

by

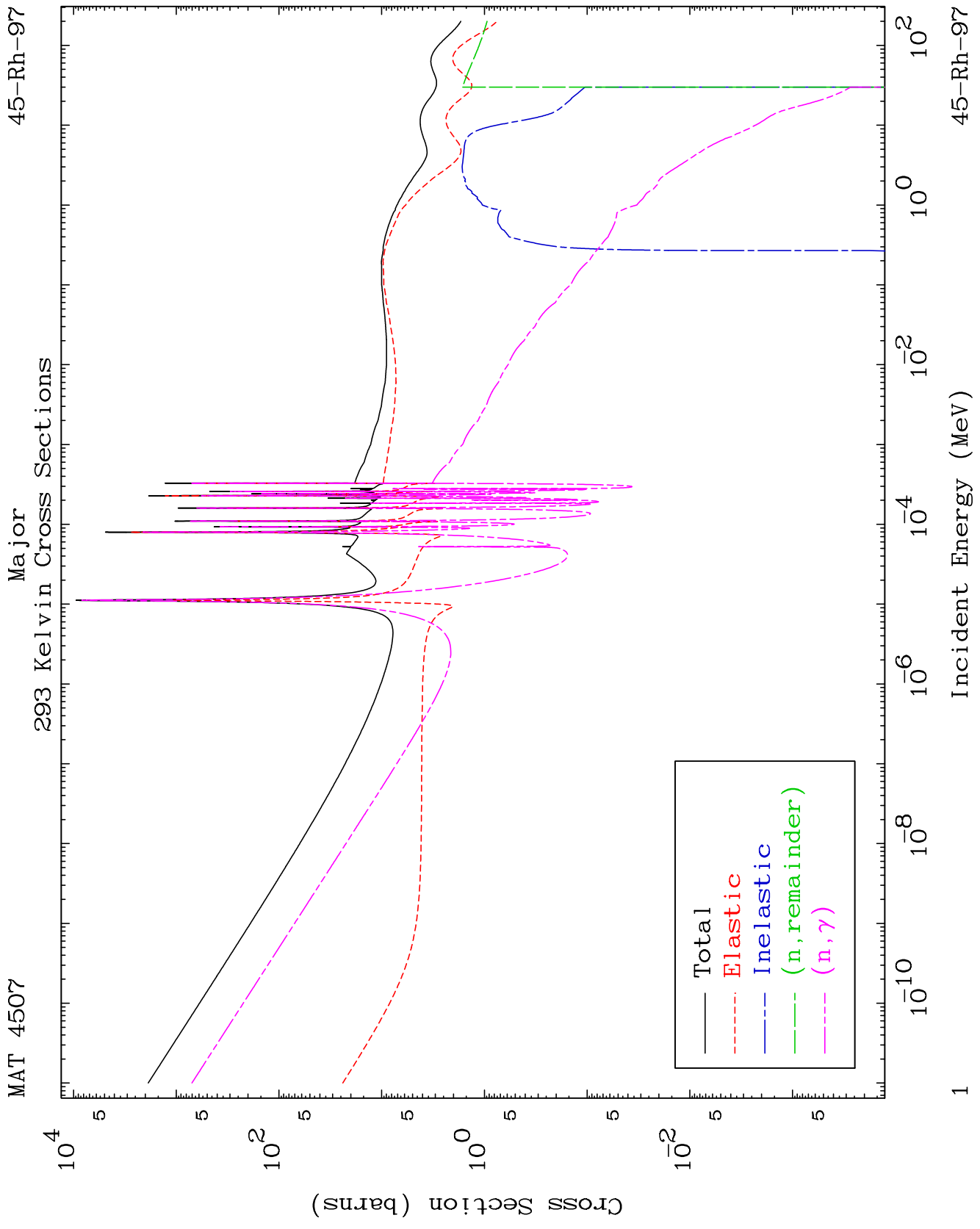
Dermott E. Cullen  
(Present Contact Information)

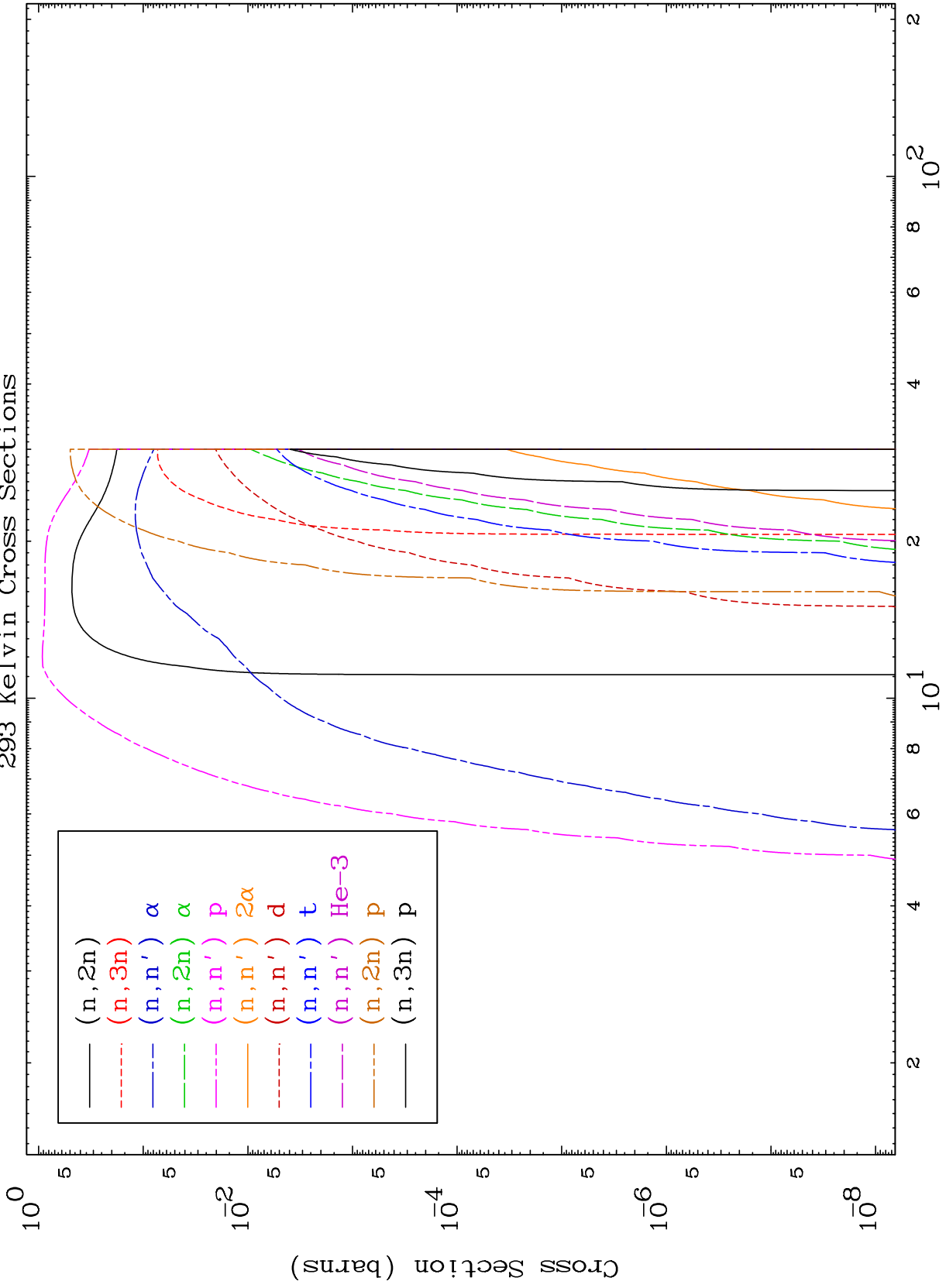
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

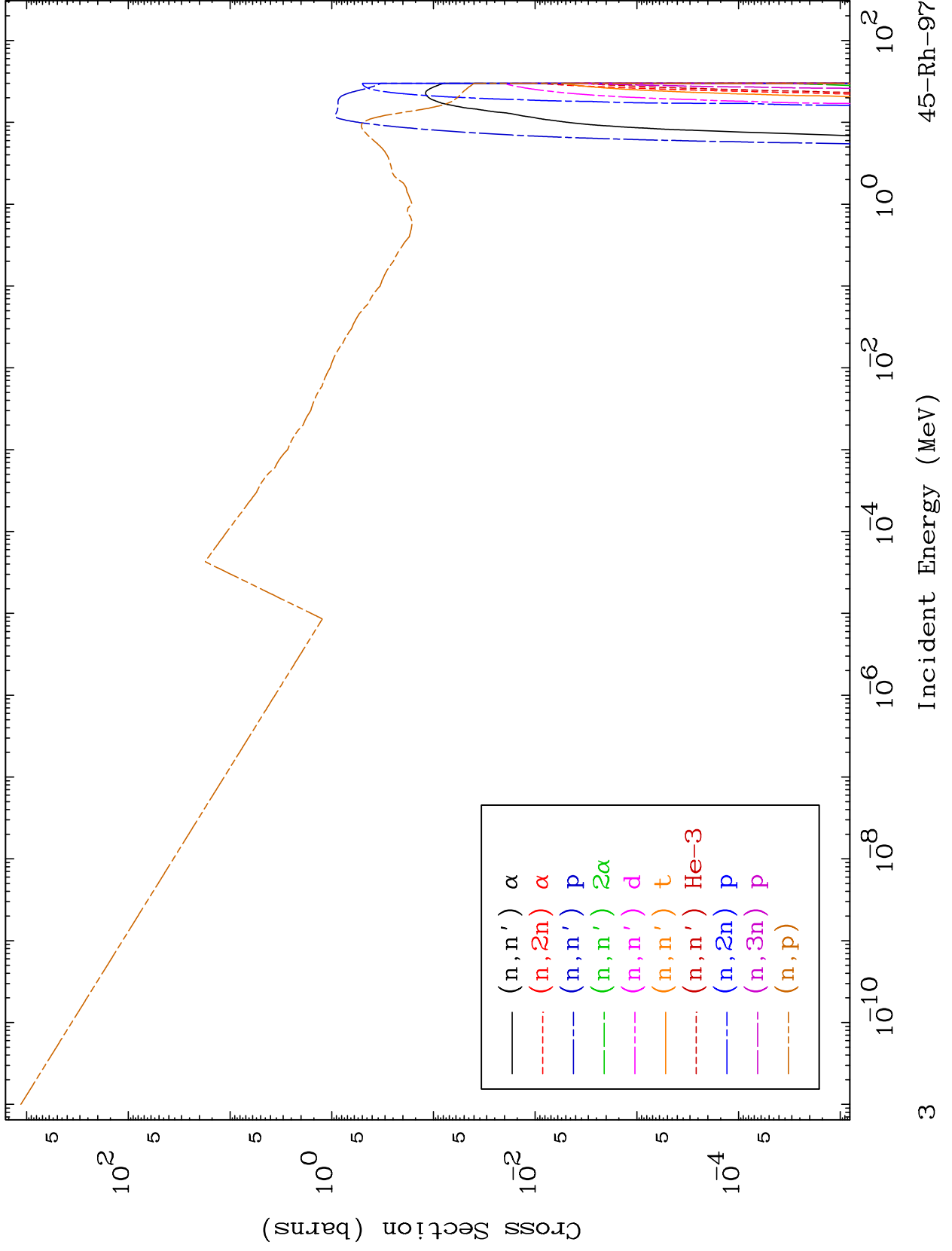




MAT 4507

Charged Particle  
293 Kelvin Cross Sections

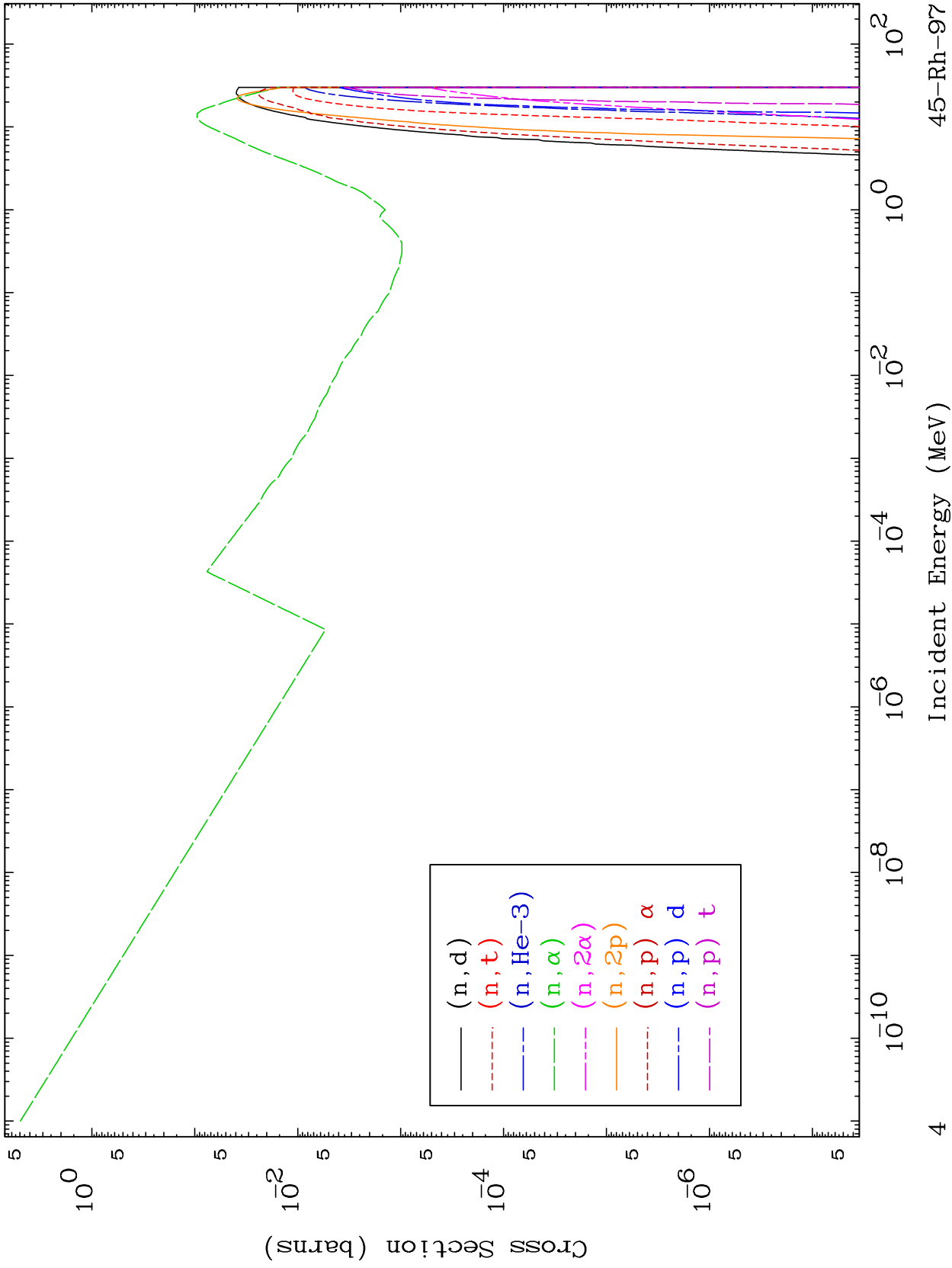
45-Rh-97



MAT 4507

Charged Particle  
293 Kelvin Cross Sections

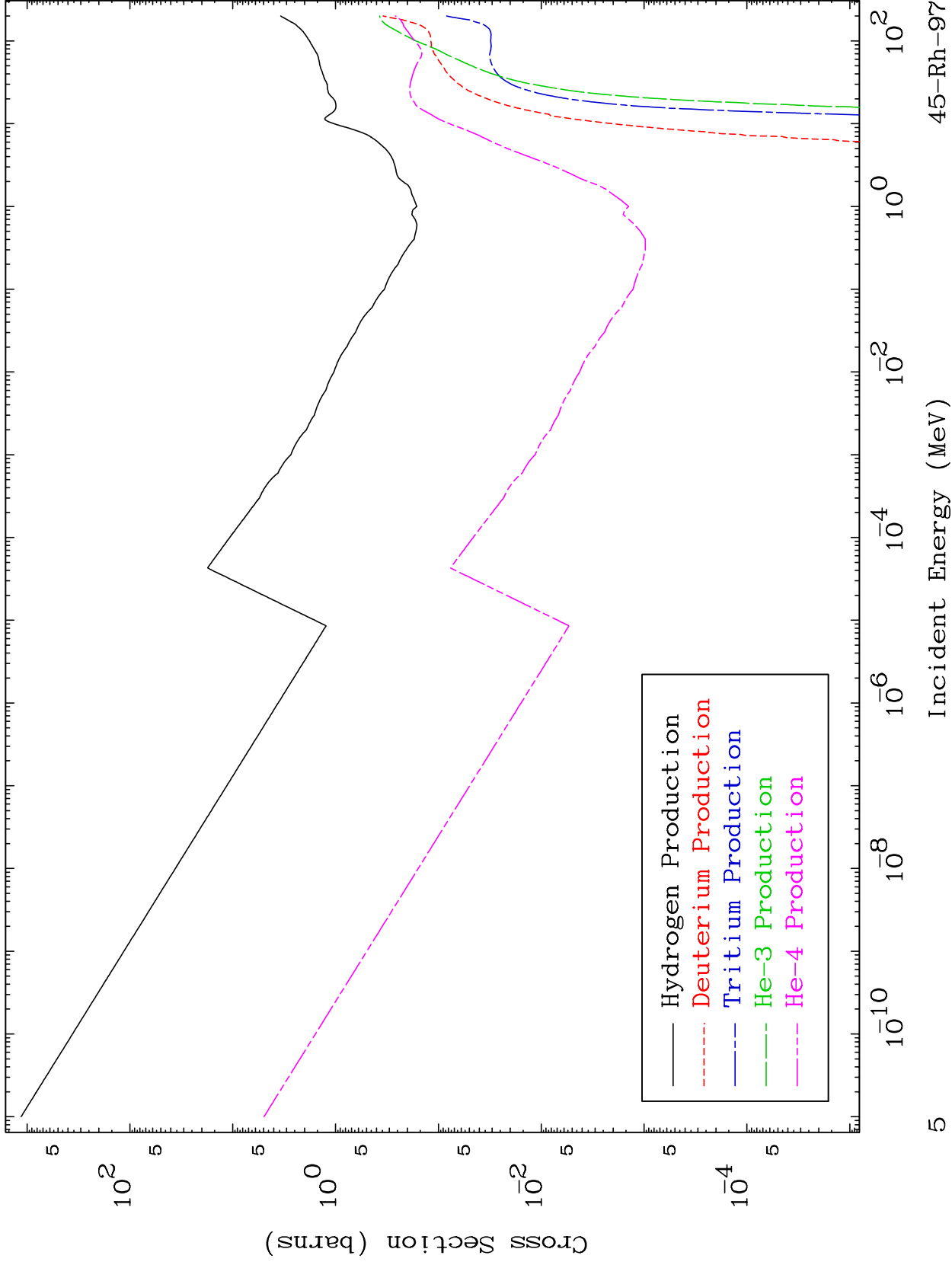
45-Rh-97



MAT 4507

Particle Production  
293 Kelvin Cross Sections

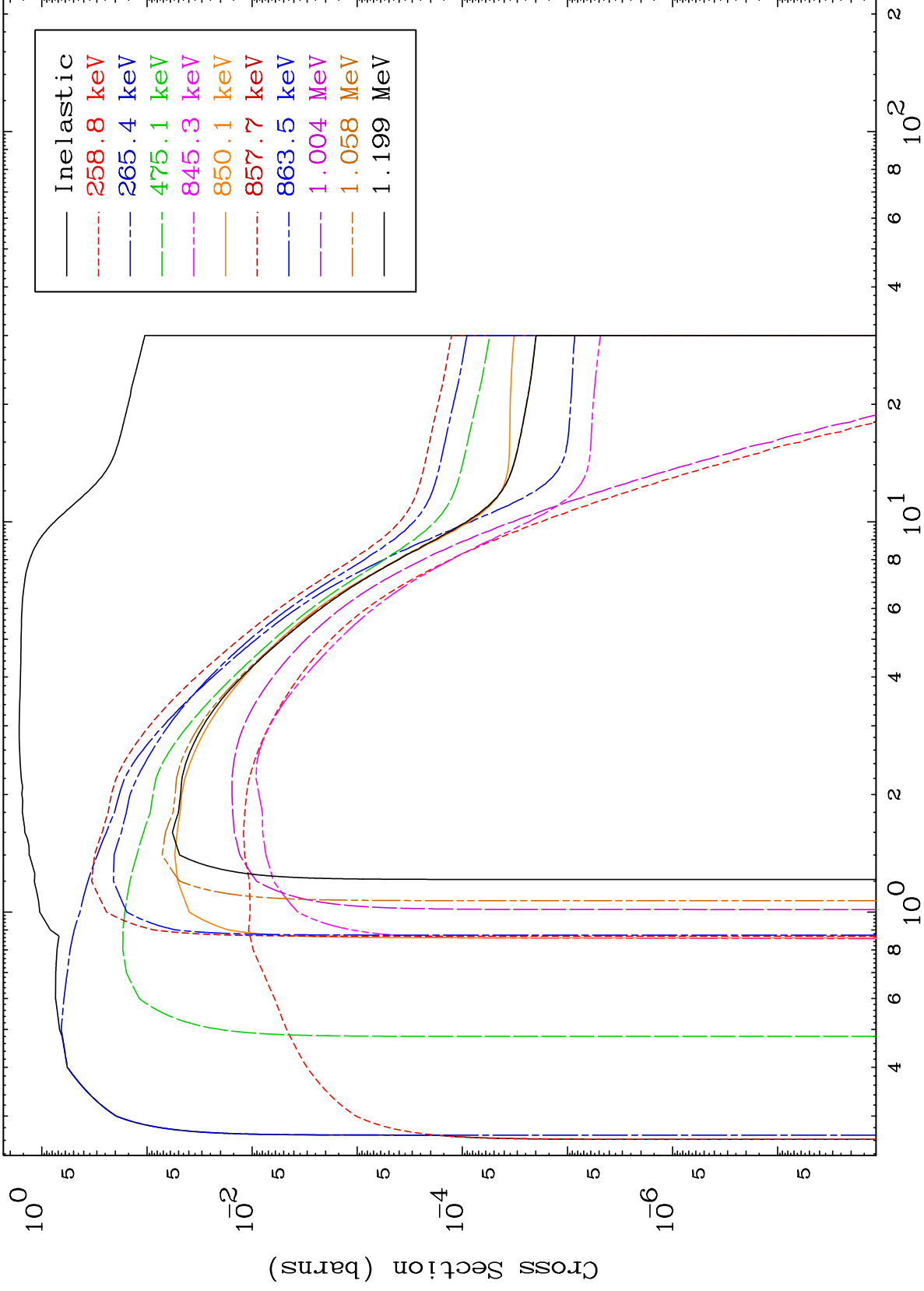
45-Rh-97



MAT 4507

(n,n') Level  
293 Kelvin Cross Sections

45-Rh-97



6

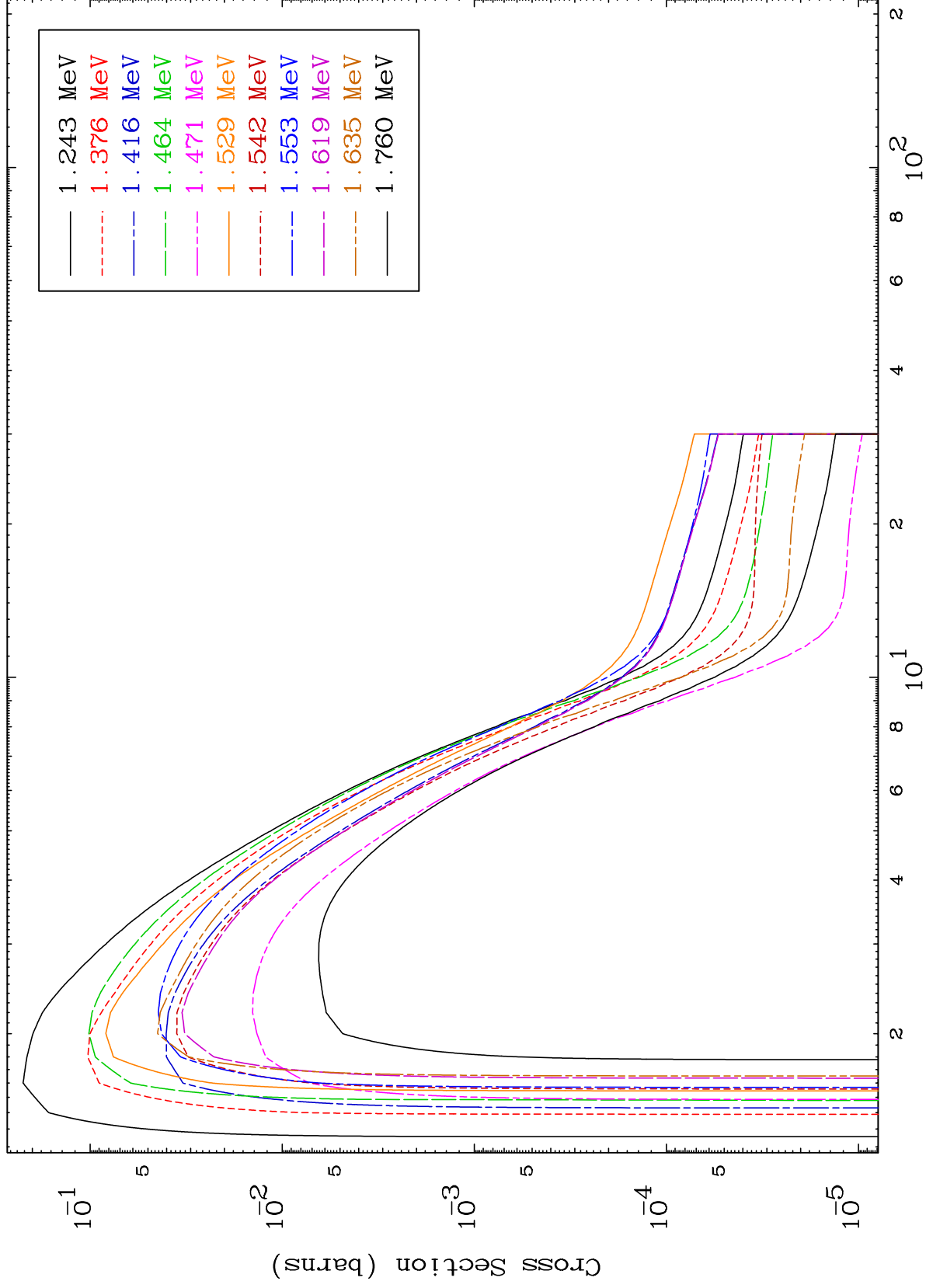
Incident Energy (MeV)

45-Rh-97

MAT 4507

(n,n') Level  
293 Kelvin Cross Sections

45-Rh-97



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Incident Energy (MeV)

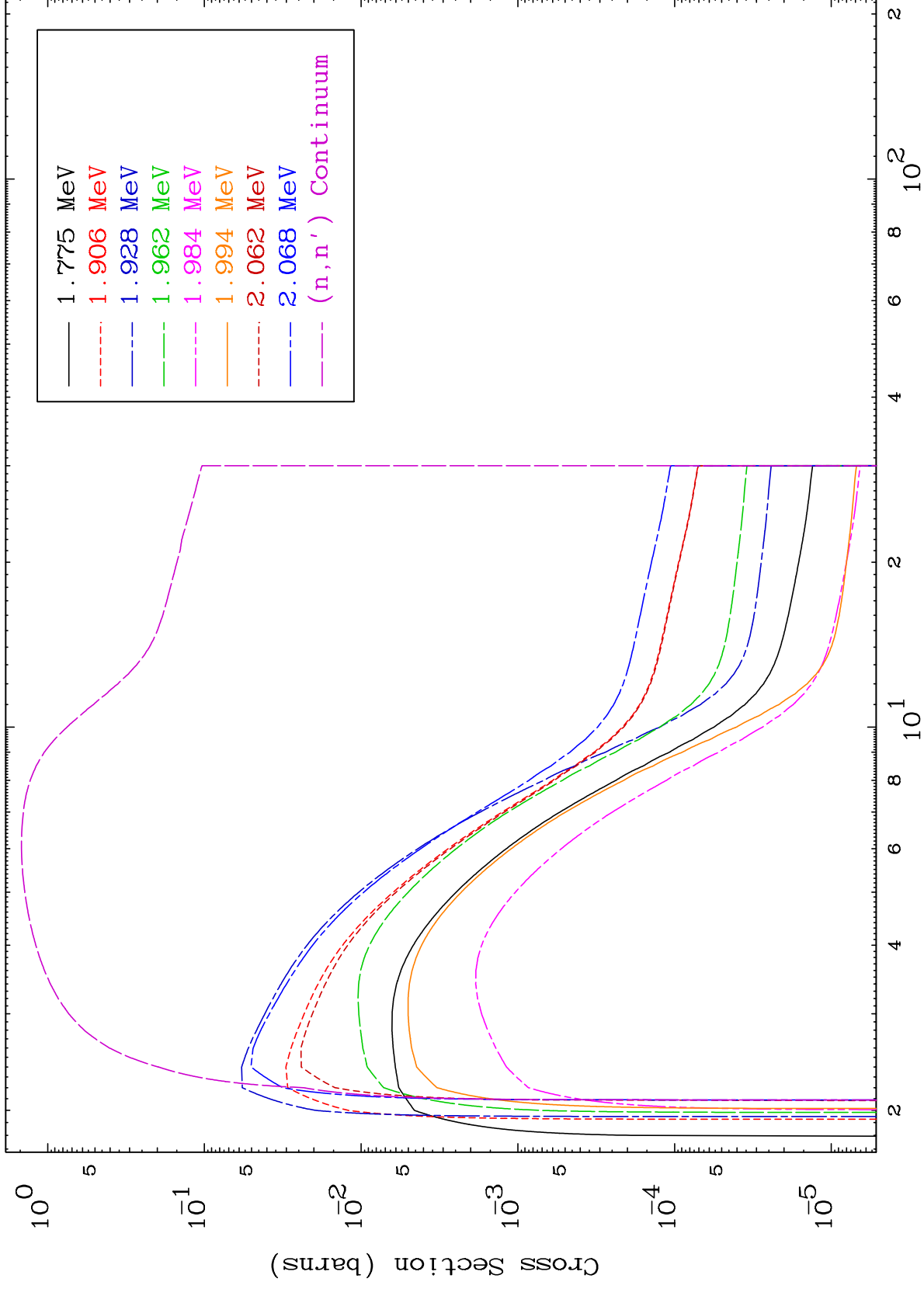
45-Rh-97



MAT 4507

(n,n') Level  
293 Kelvin Cross Sections

45-Rh-97



8

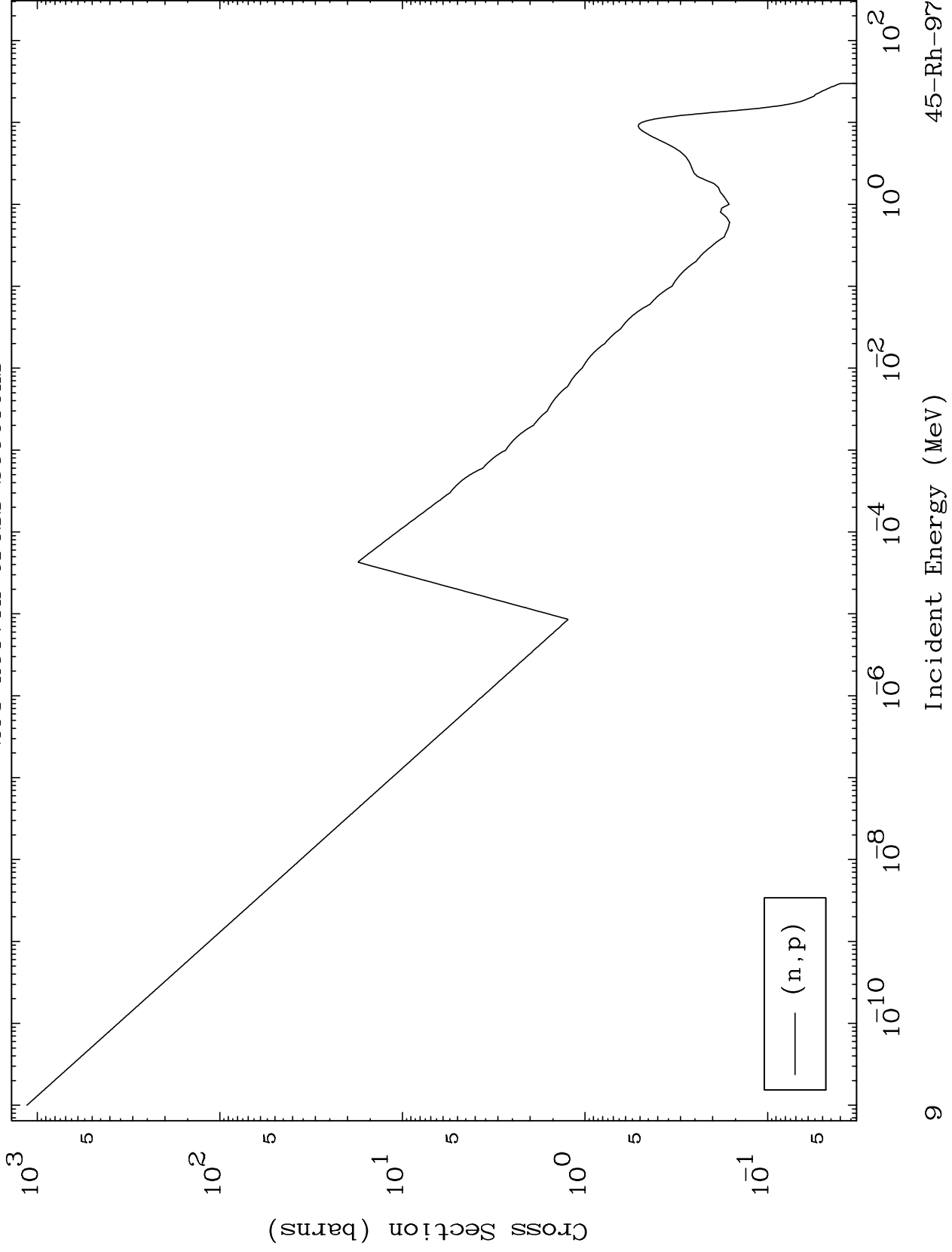
Incident Energy (MeV)

45-Rh-97

MAT 4507

(n,p) Levels  
293 Kelvin Cross Sections

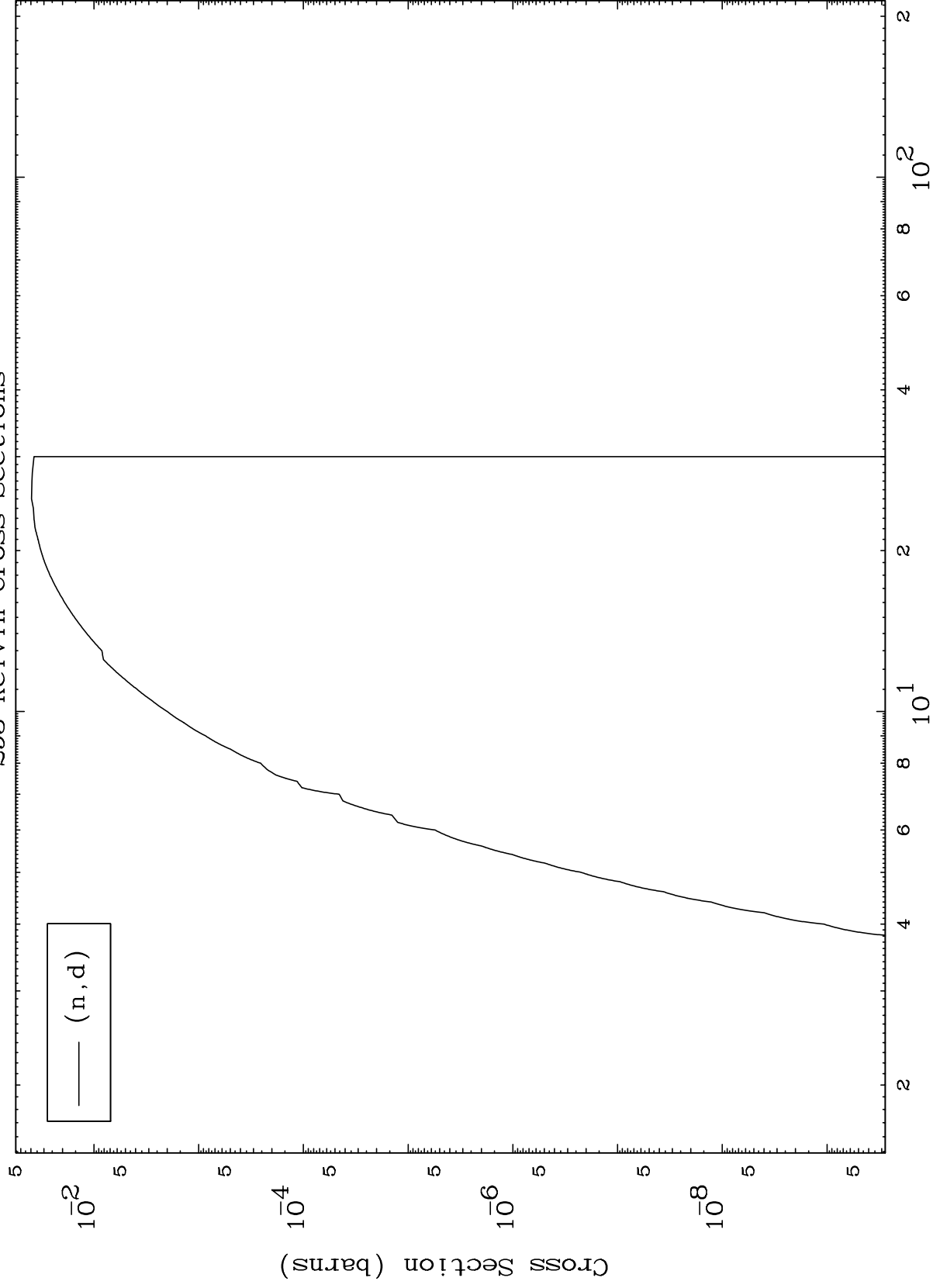
45-Rh-97



MAT 4507

(n,d) Levels  
293 Kelvin Cross Sections

45-Rh-97



10

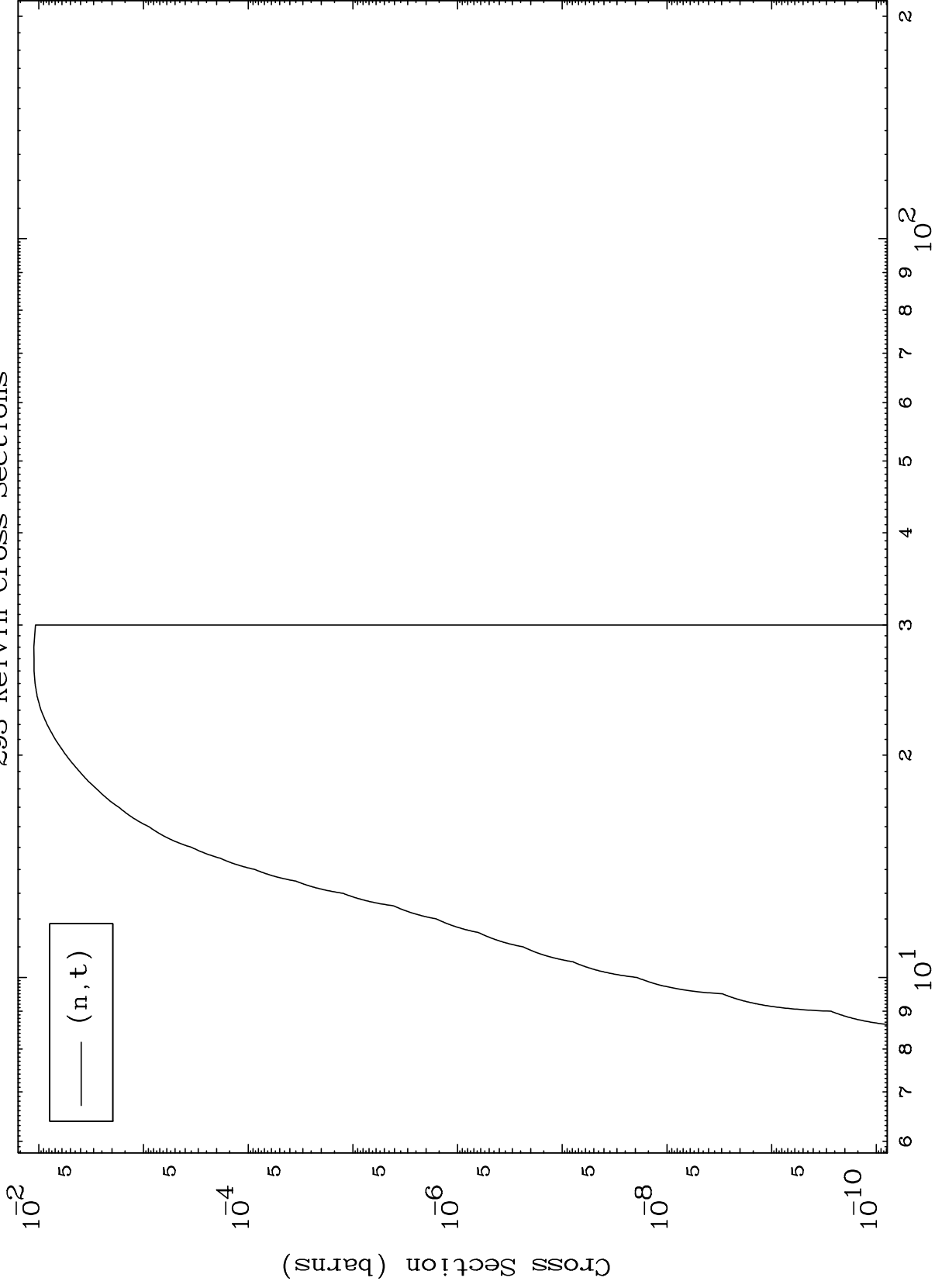
Incident Energy (MeV)

45-Rh-97

MAT 4507

(n,t) Levels  
293 Kelvin Cross Sections

45-Rh-97



11

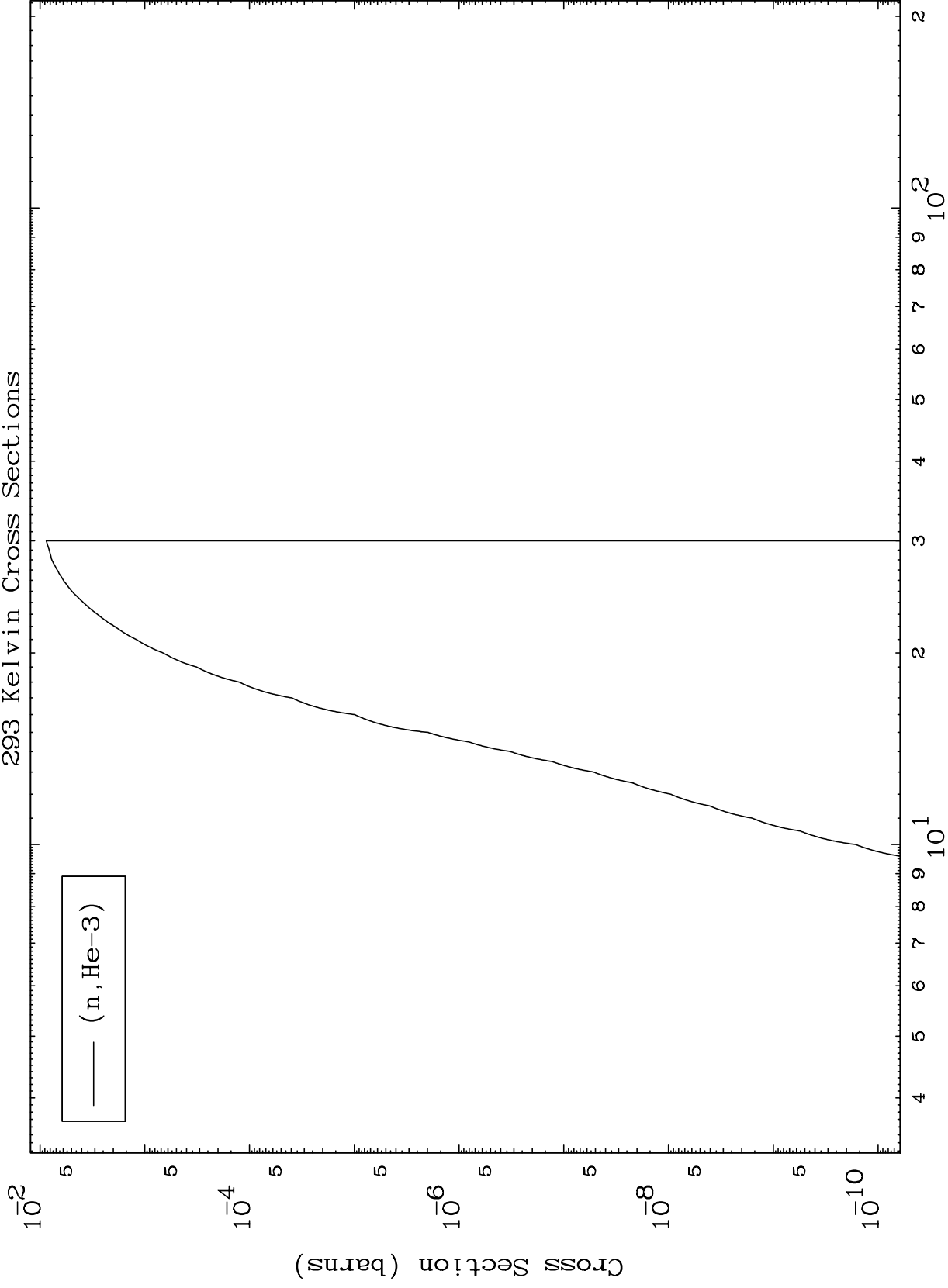
Incident Energy (MeV)

45-Rh-97

MAT 4507

(n,He3) Levels  
293 Kelvin Cross Sections

45-Rh-97



12

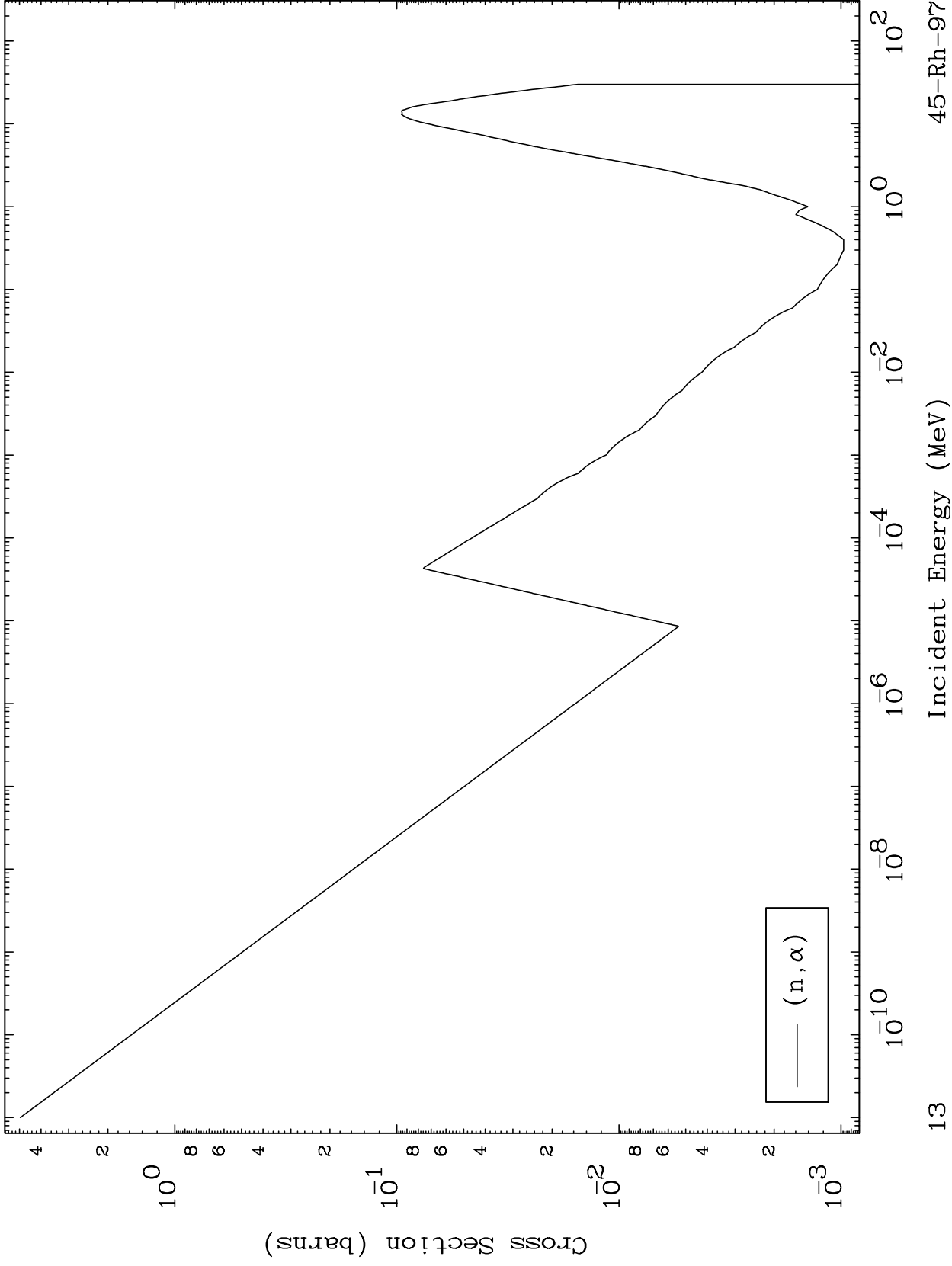
Incident Energy (MeV)

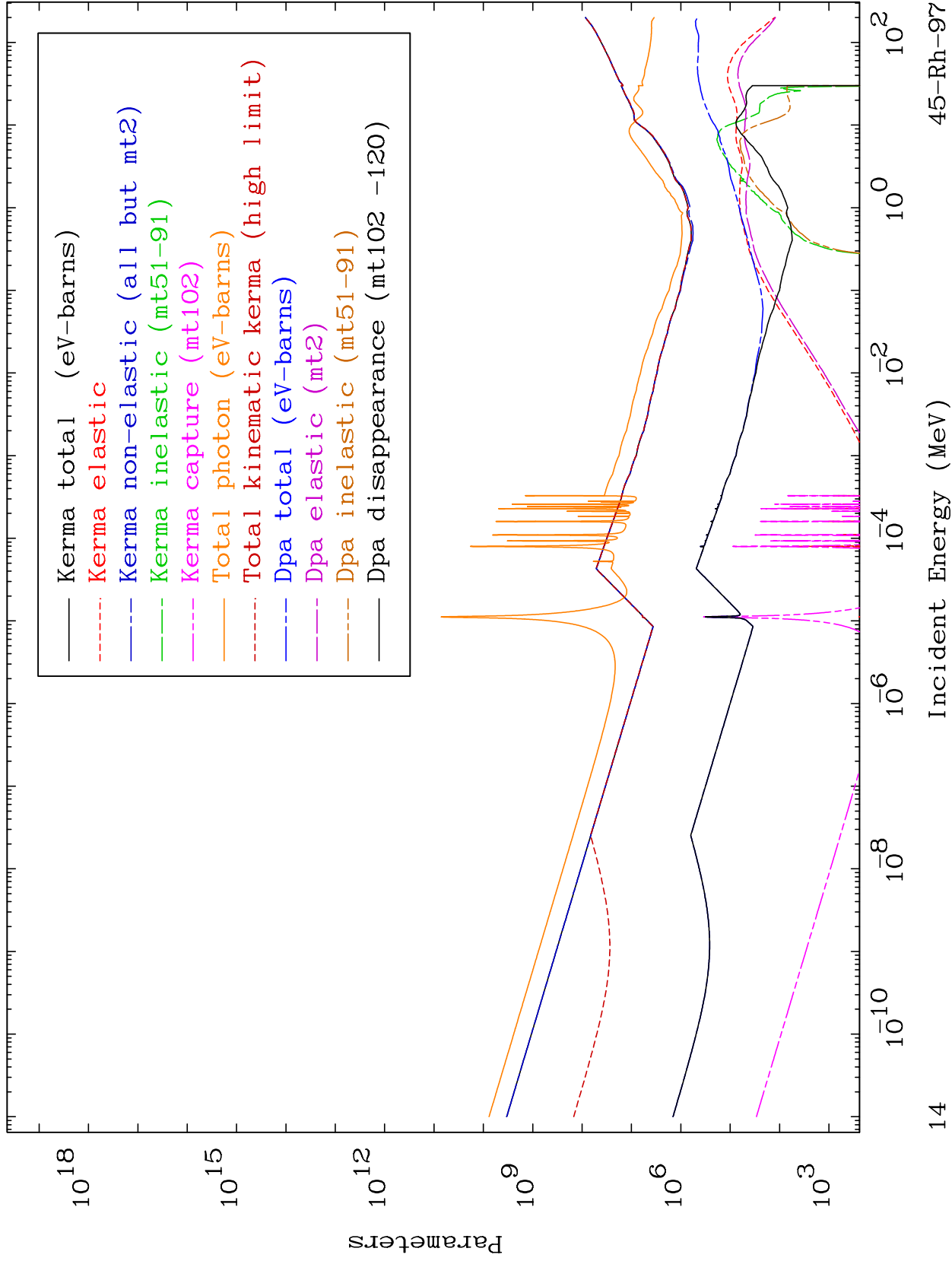
45-Rh-97

MAT 4507

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

45-Rh-97

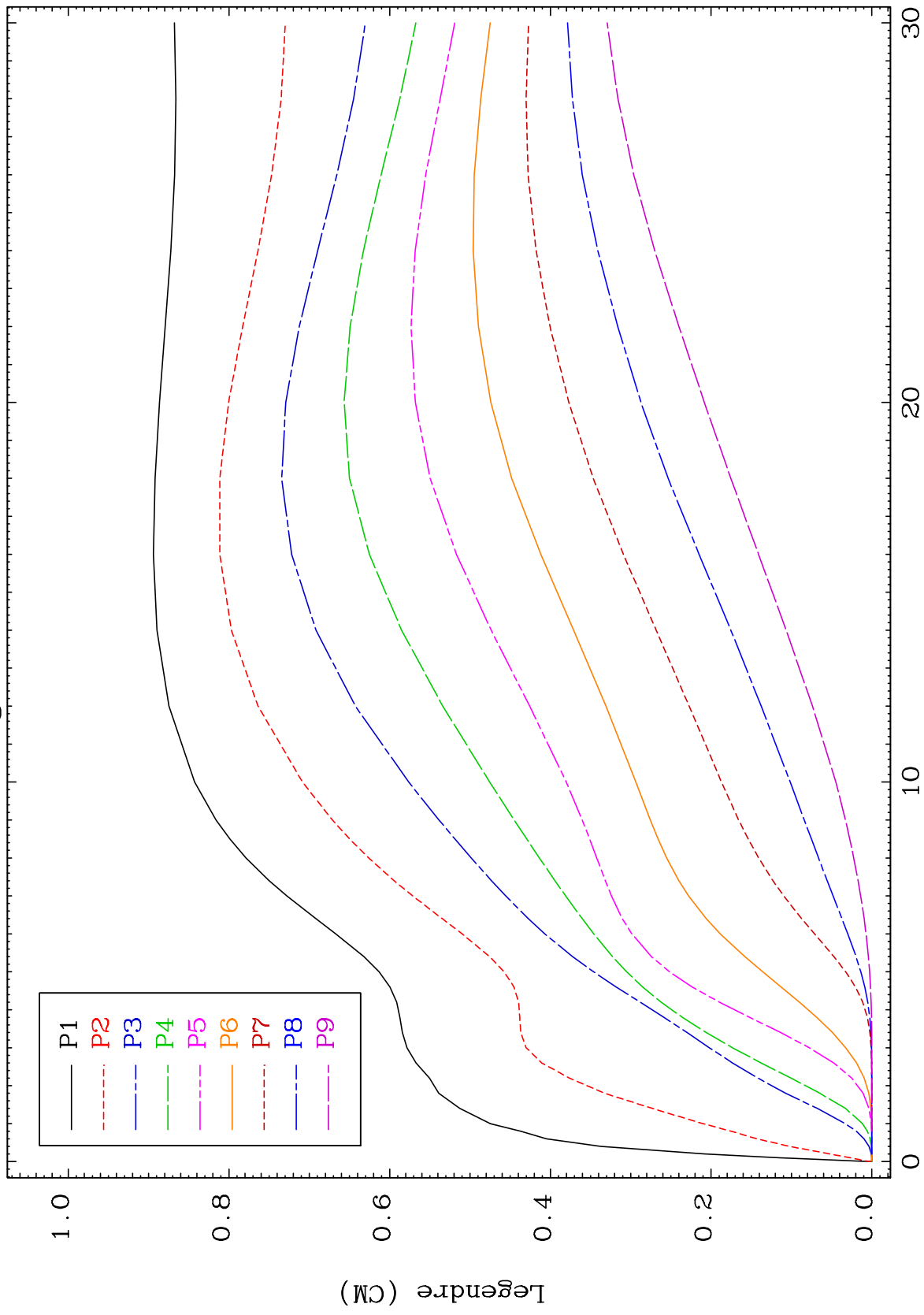




MAT 4507

Elastic Legendre Coefficients

45-Rh-97

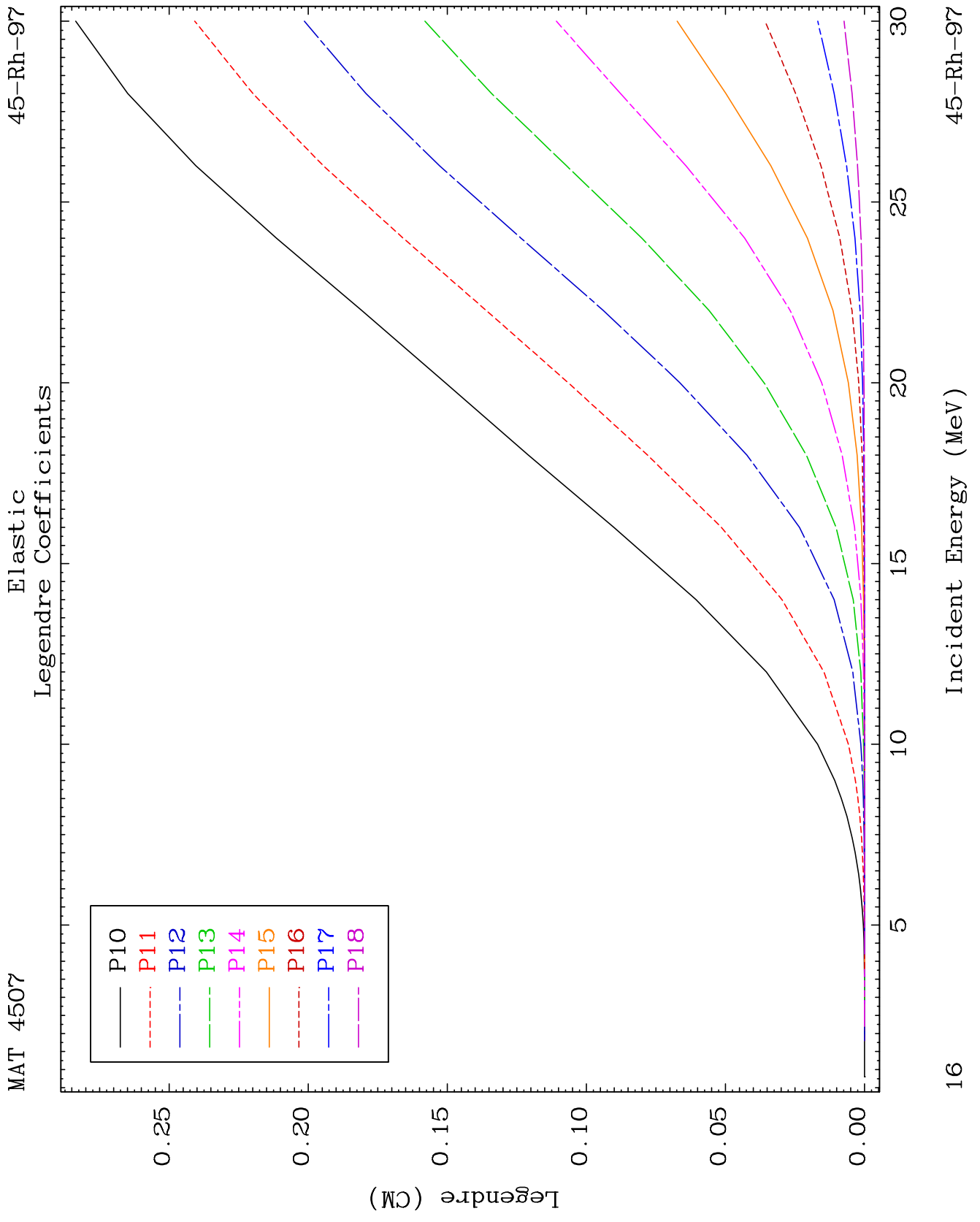


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Incident Energy (MeV)

45-Rh-97

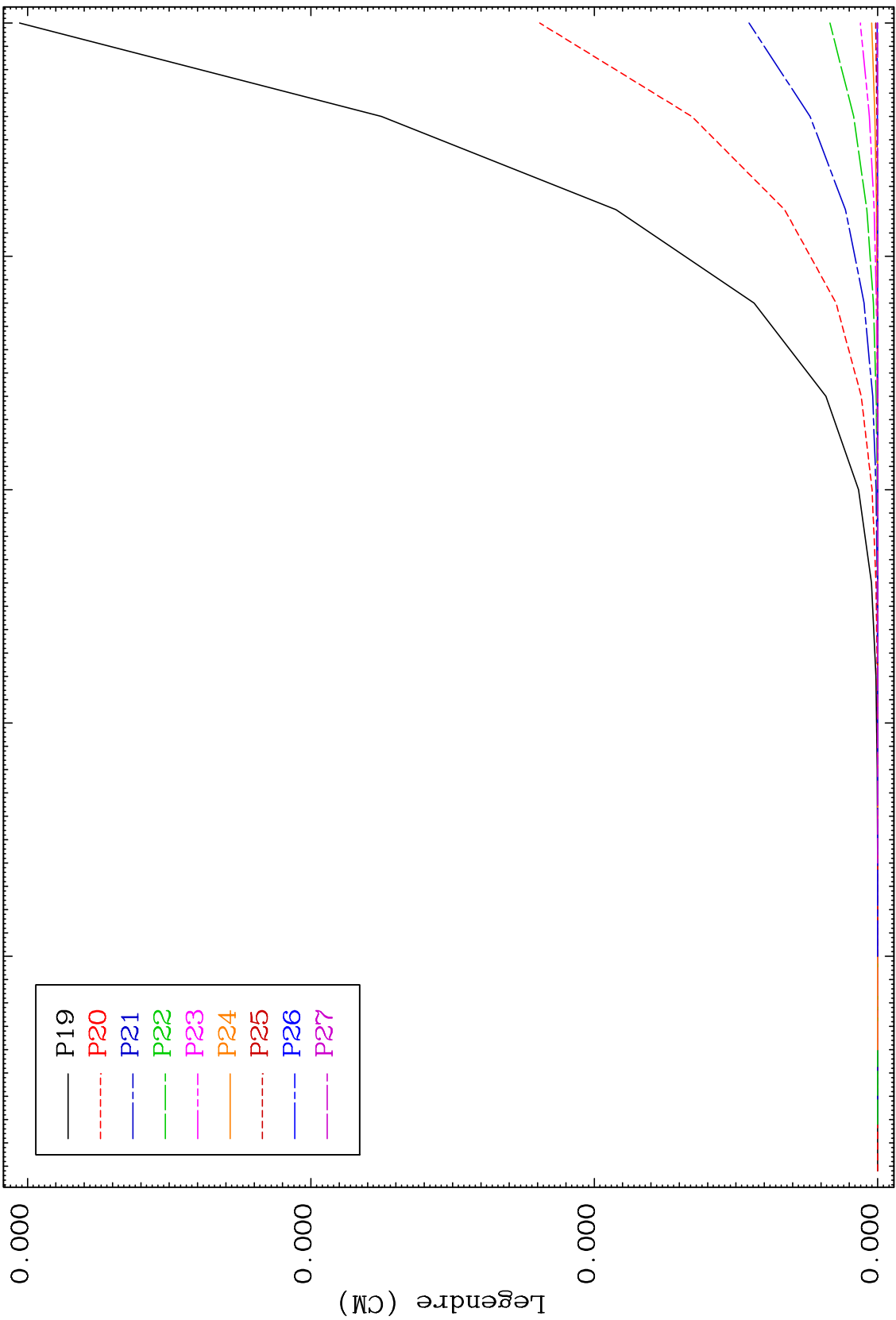




MAT 4507

Elastic  
Legendre Coefficients

45-Rh-97



17

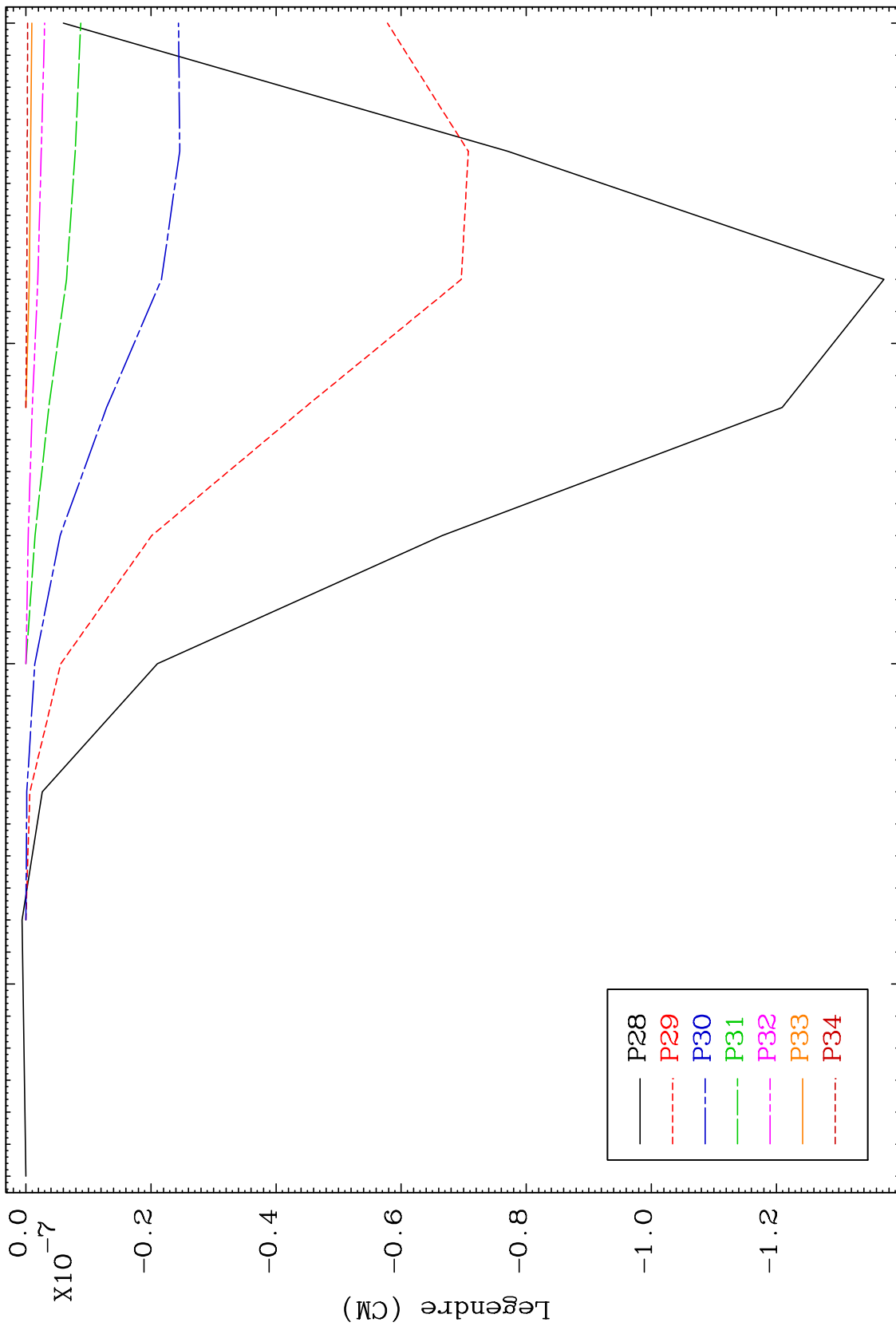
Incident Energy (MeV)

45-Rh-97

MAT 4507

45-Rh-97

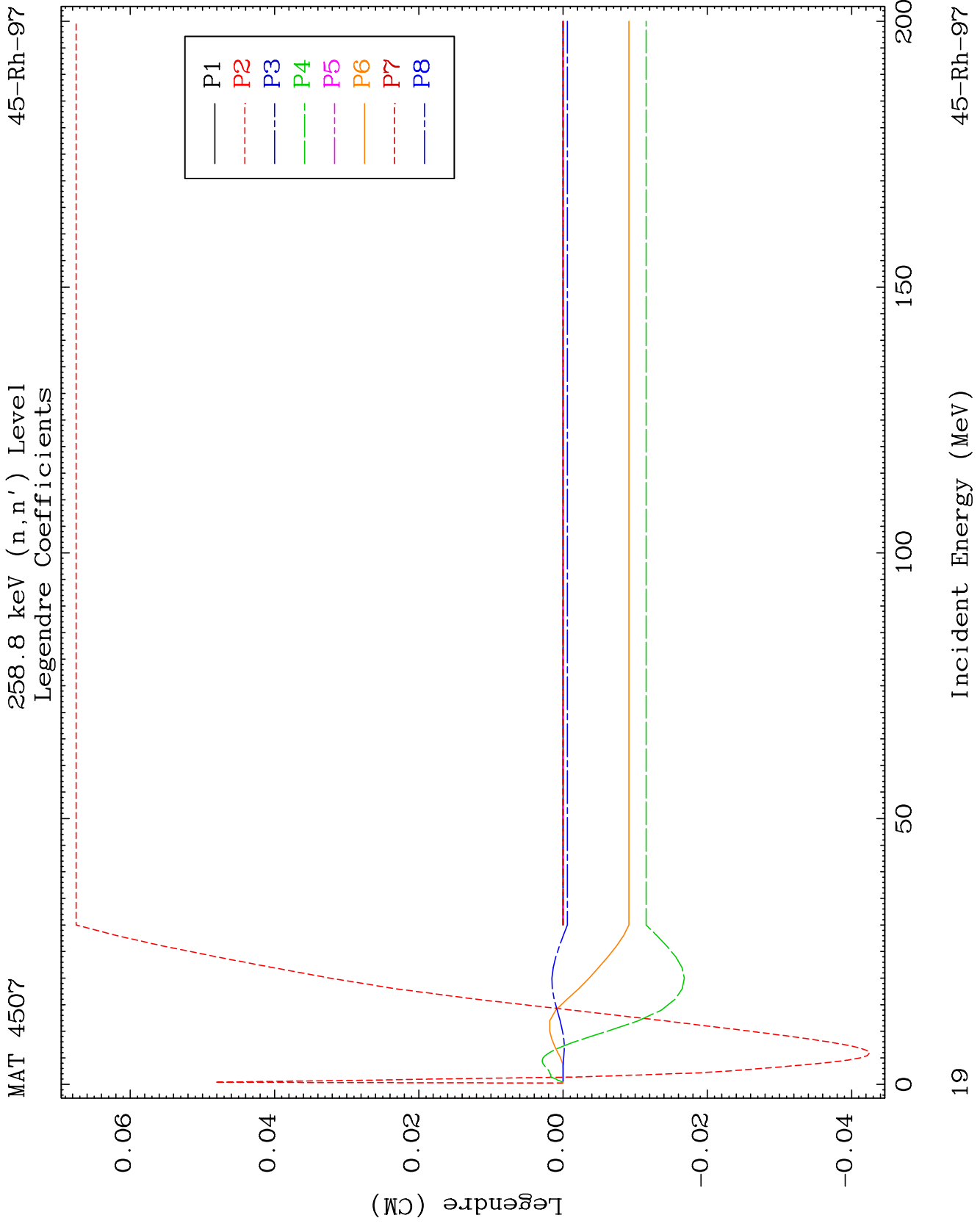
Elastic Legendre Coefficients

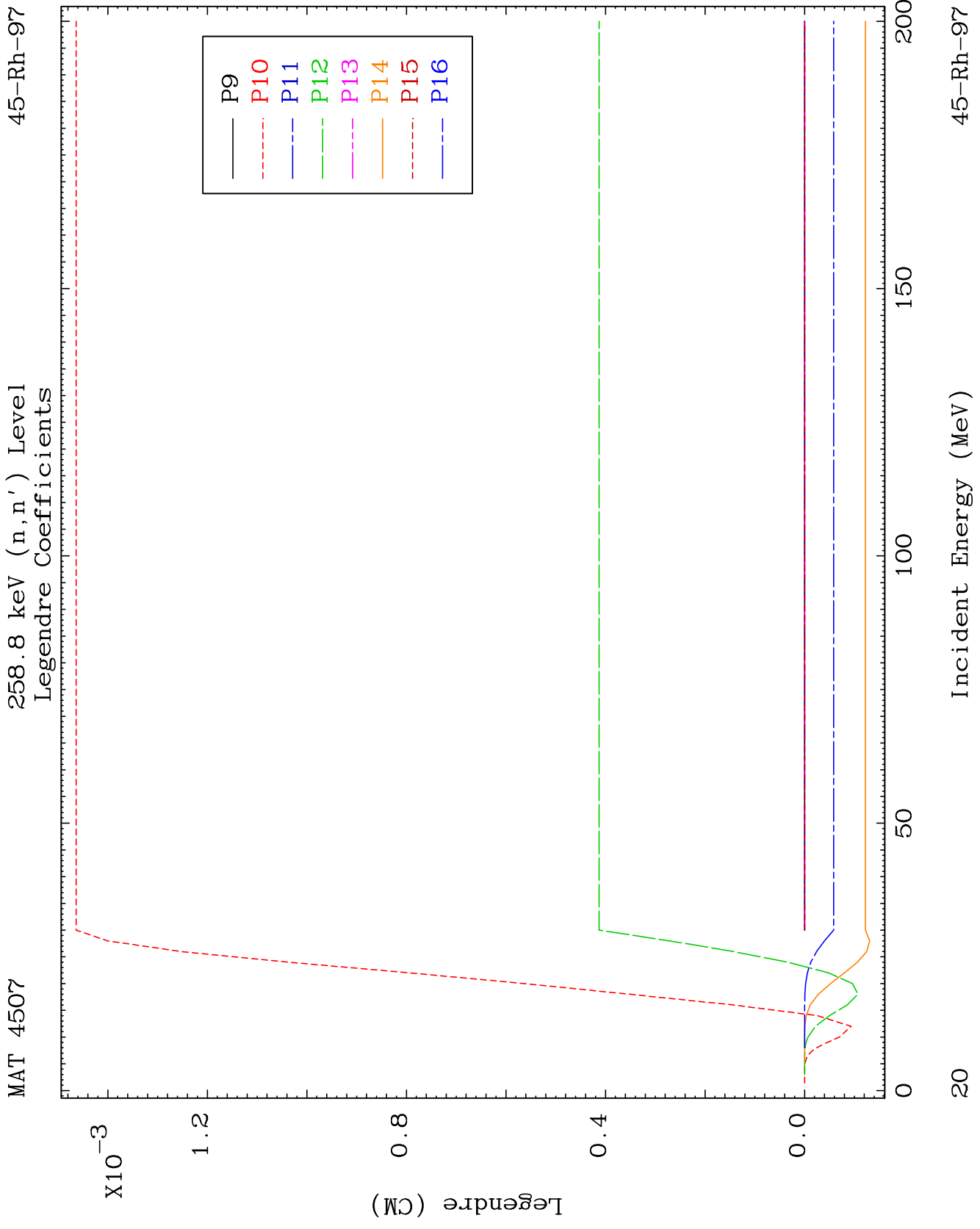


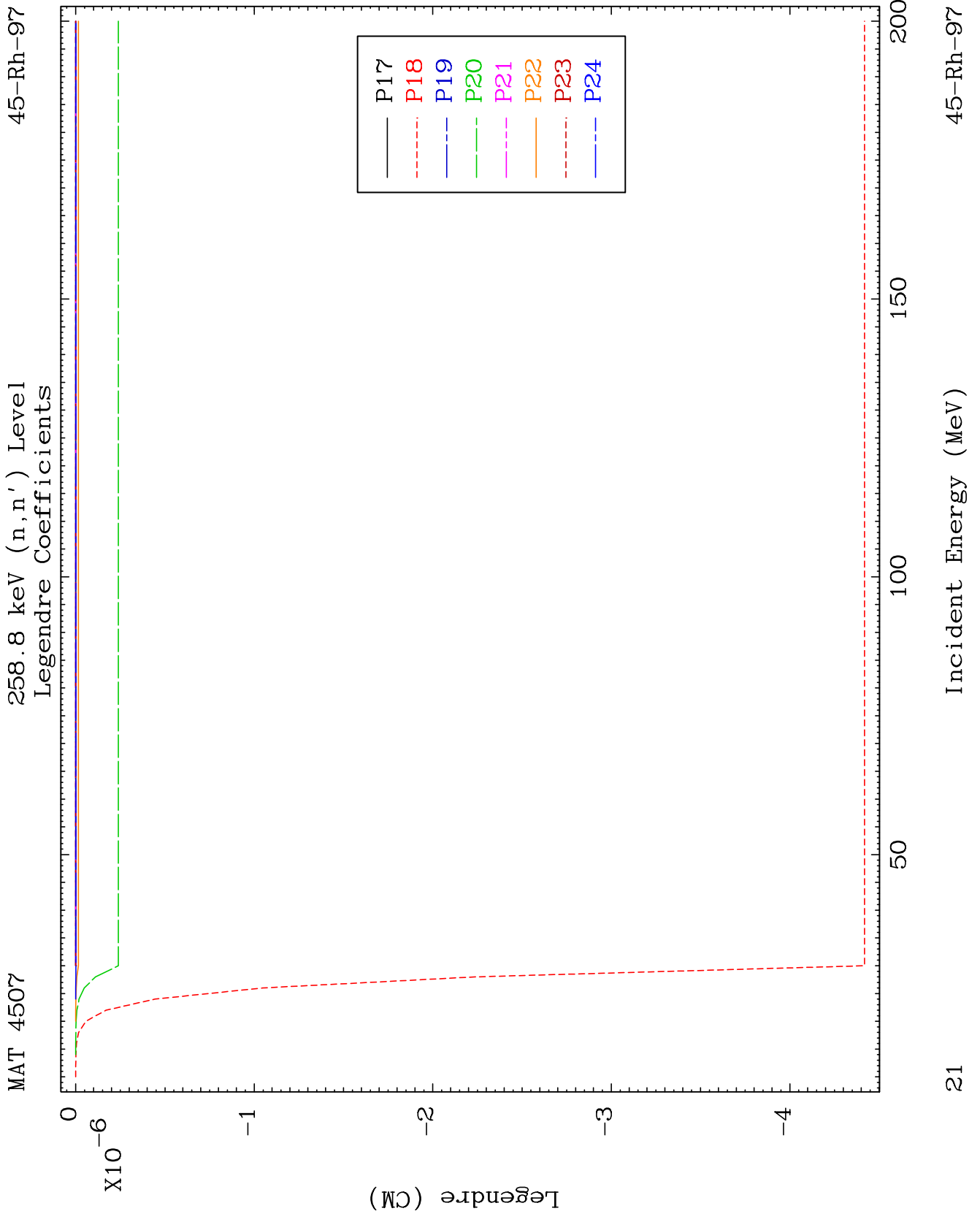
18

Incident Energy (MeV)

45-Rh-97



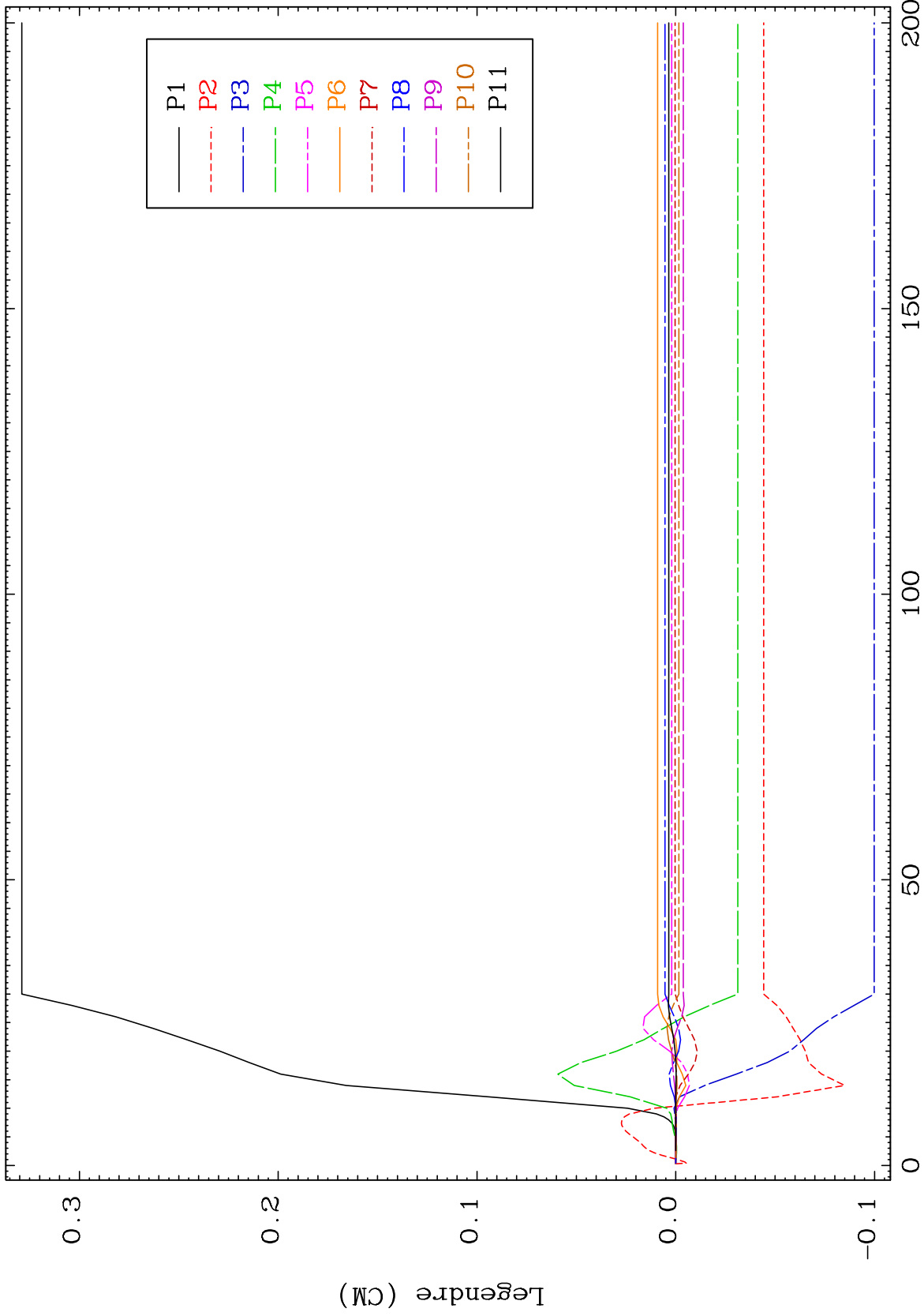




MAT 4507

265.4 keV (n,n') Level  
Legendre Coefficients

45-Rh-97



22

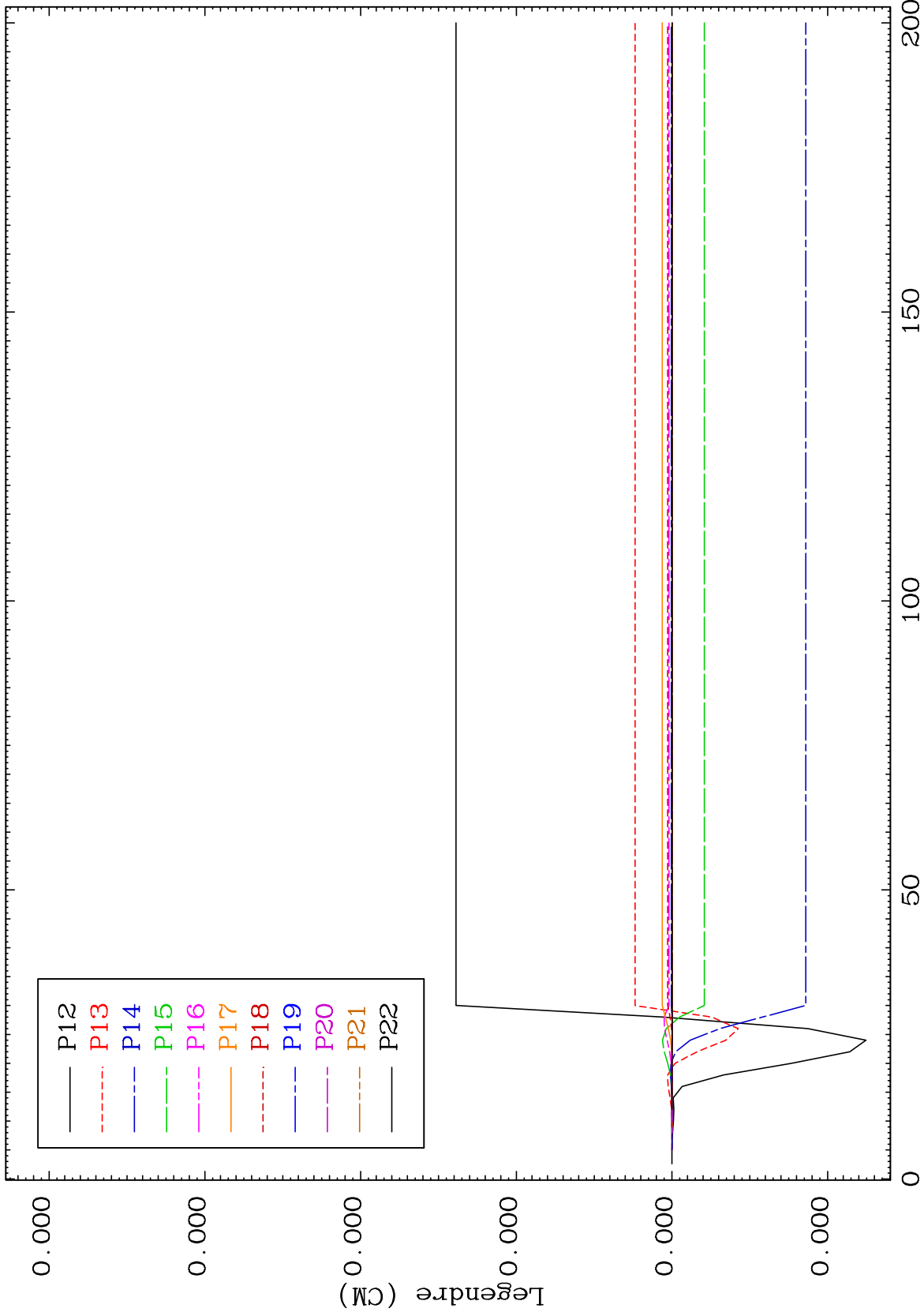
Incident Energy (MeV)

45-Rh-97

MAT 4507

265.4 keV (n,n') Level  
Legendre Coefficients

45-Rh-97

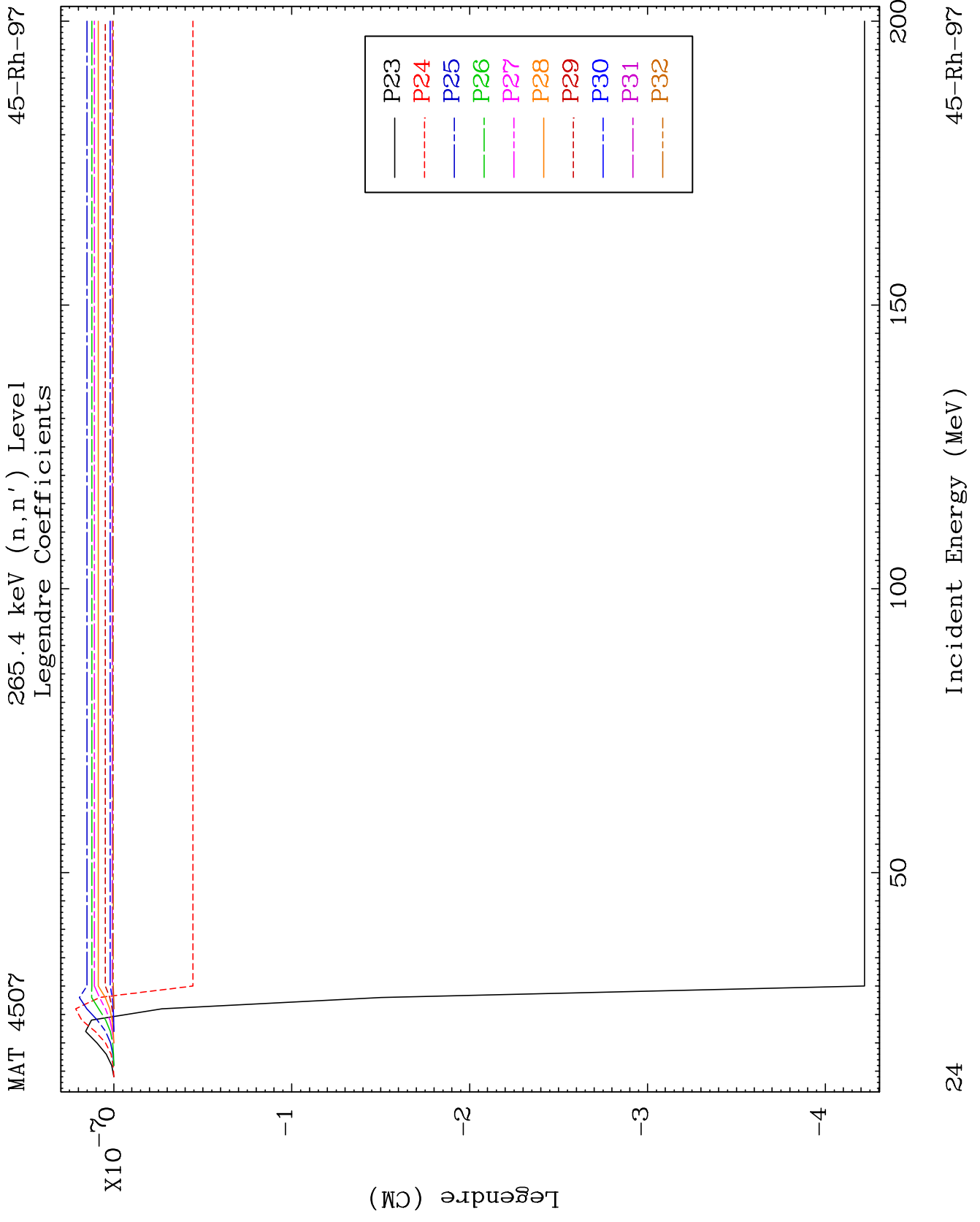


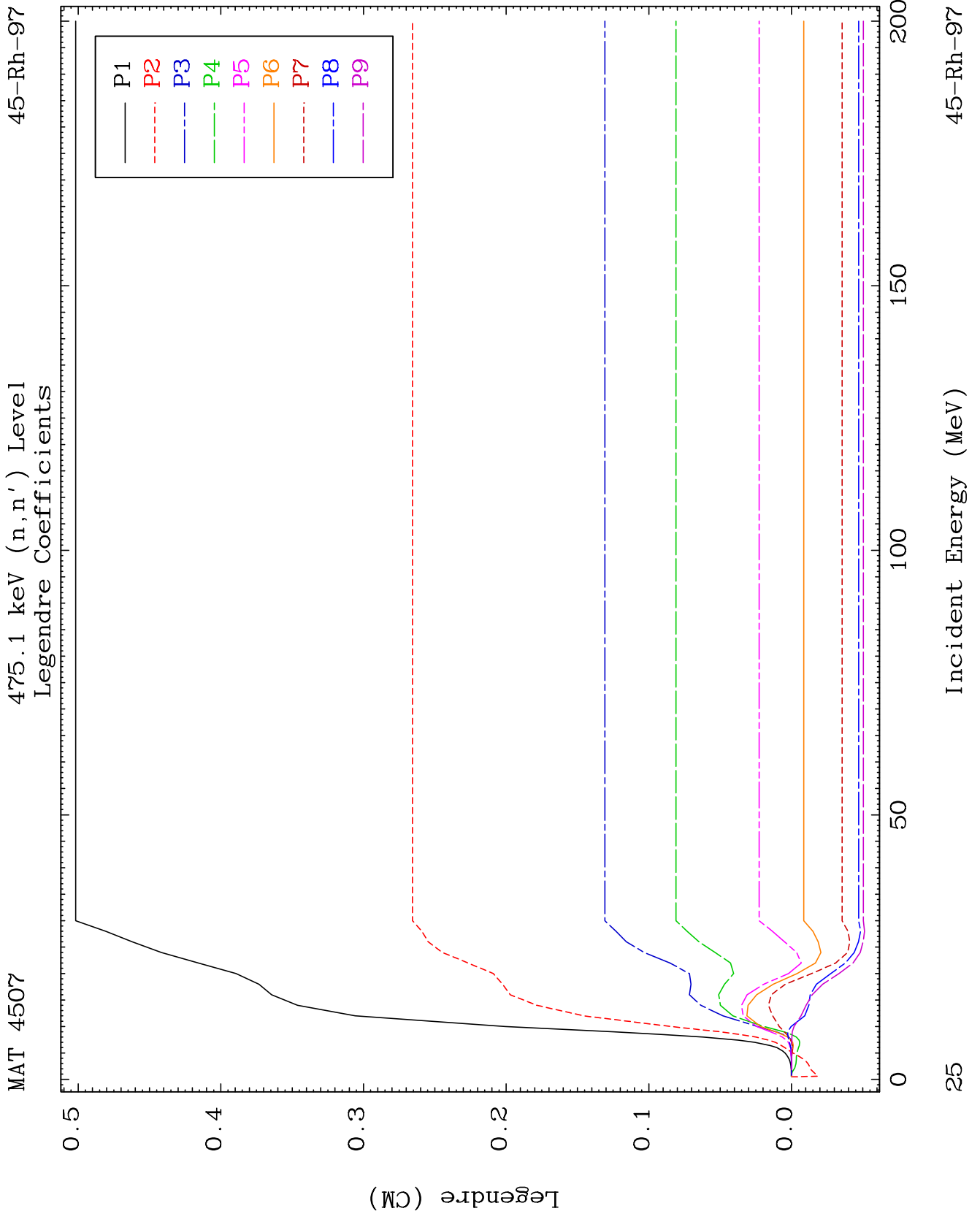
23

Incident Energy (MeV)

45-Rh-97



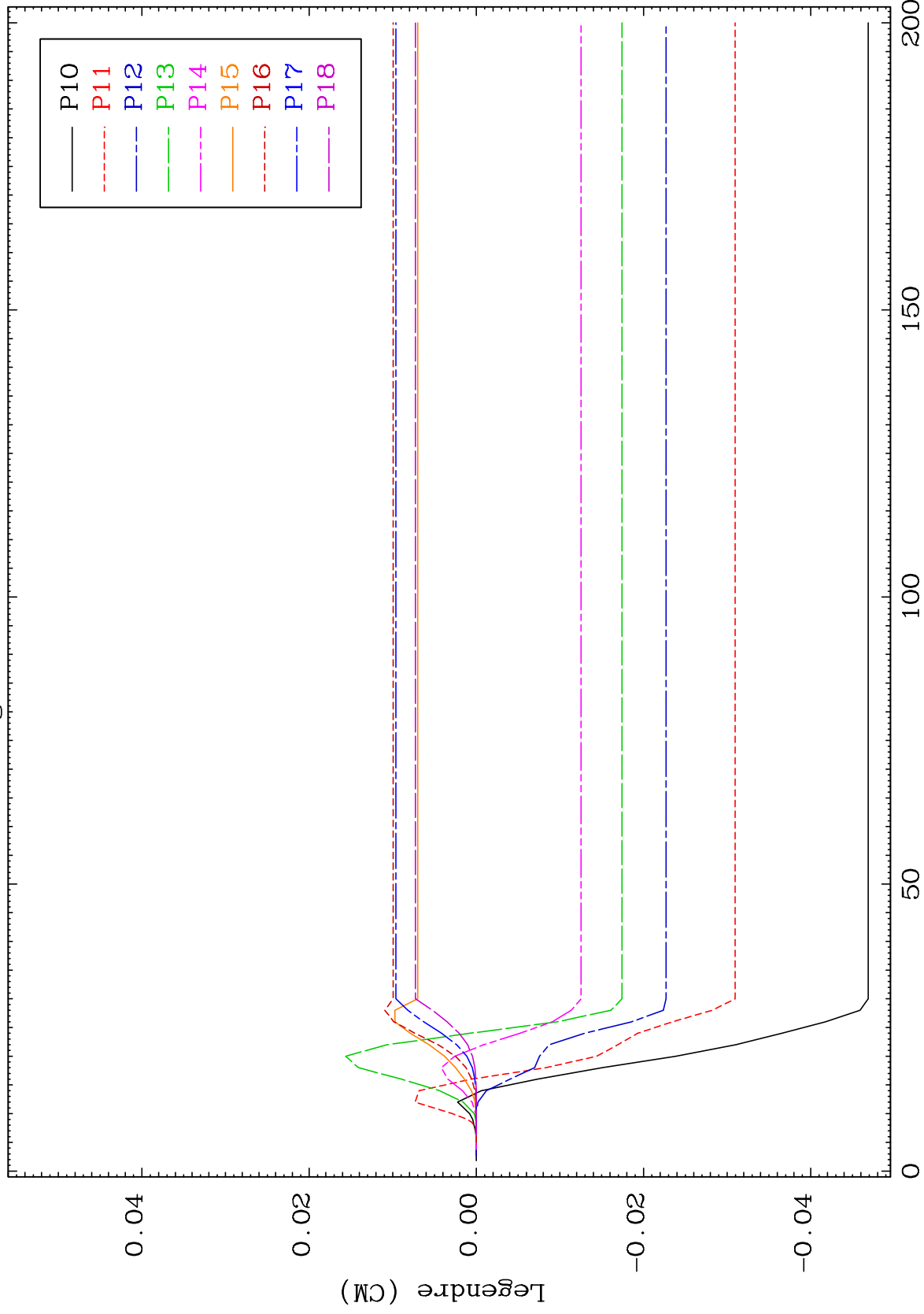




MAT 4507

475.1 keV (n,n') Level  
Legendre Coefficients

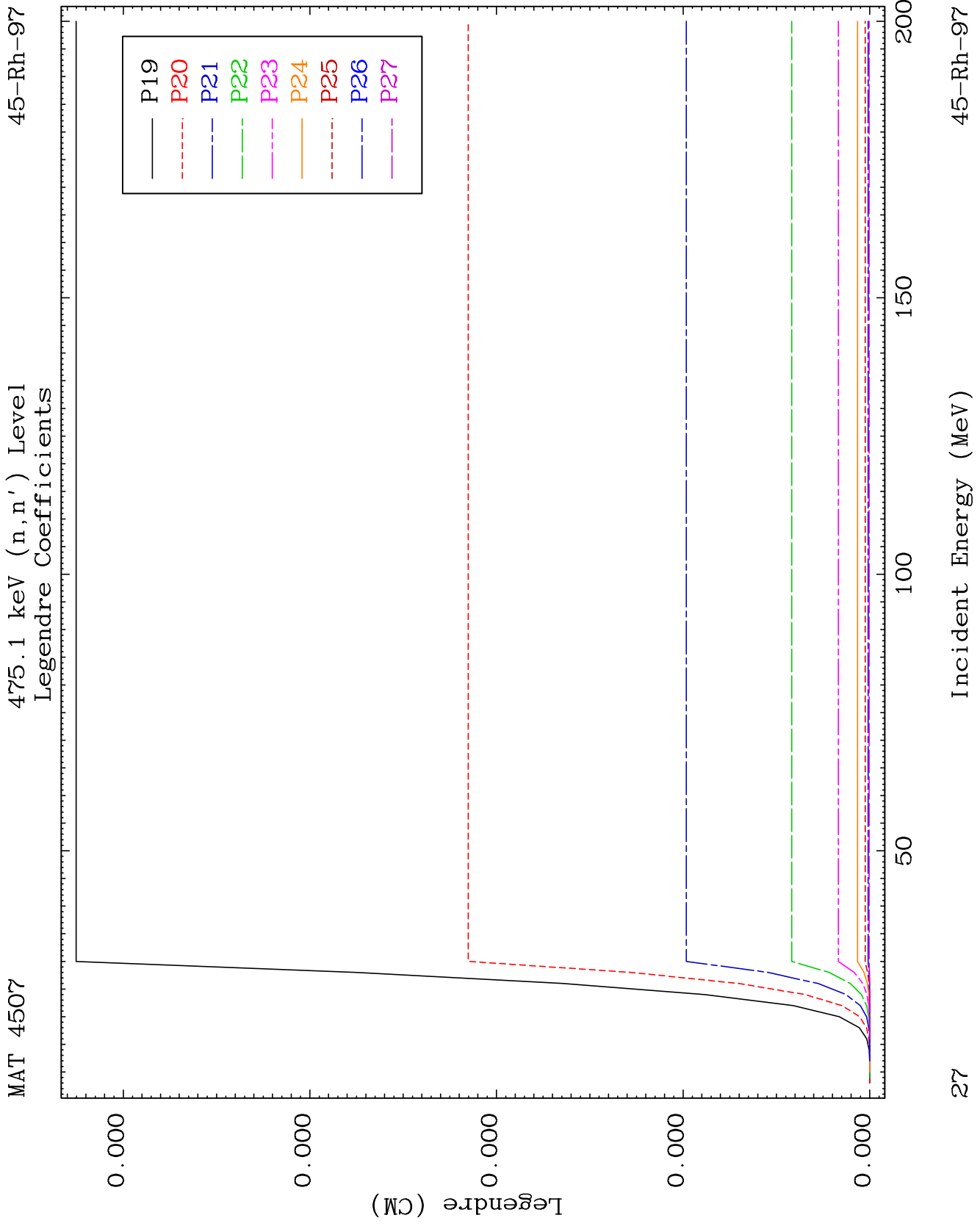
45-Rh-97



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Incident Energy (MeV)

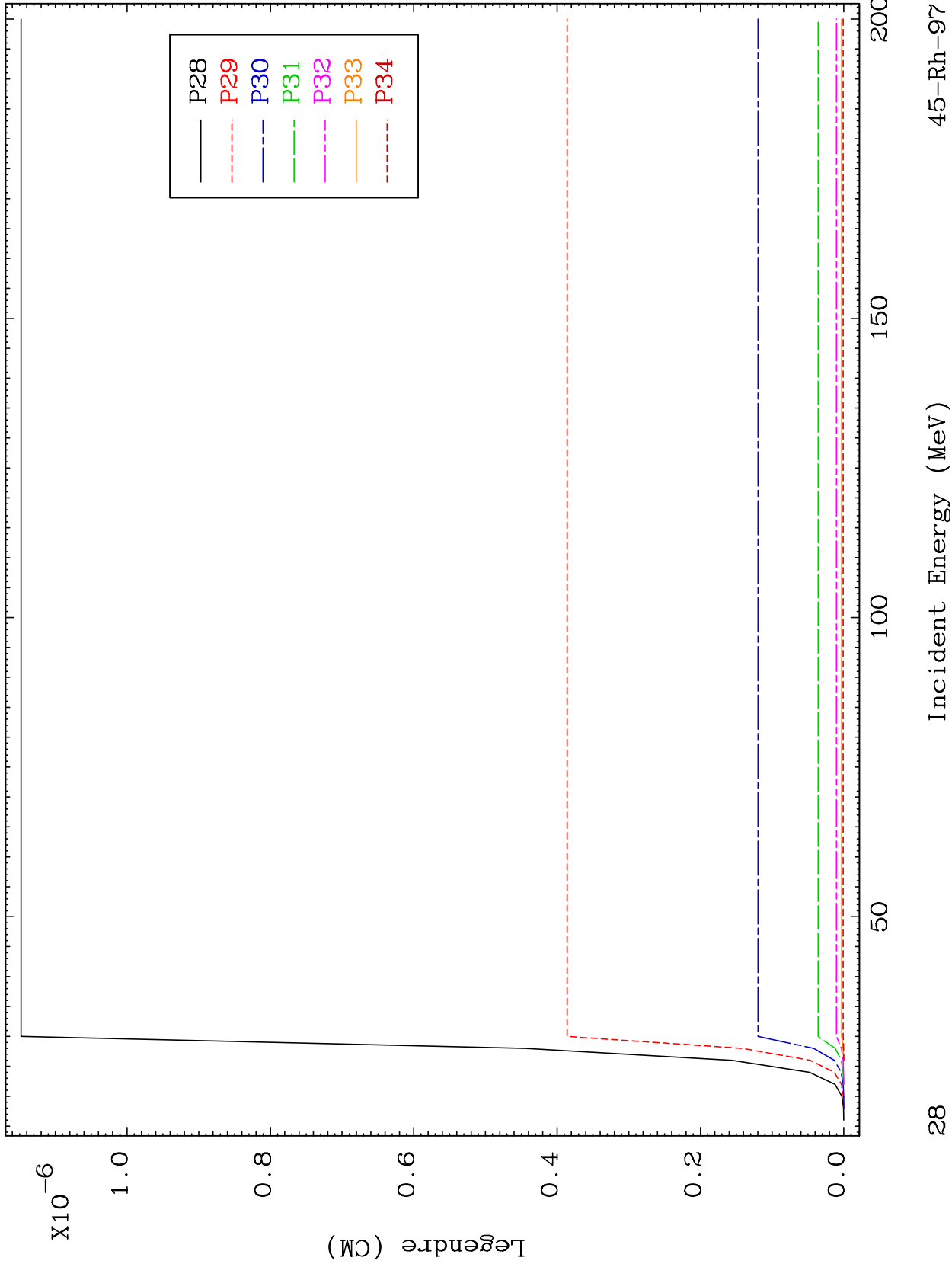
45-Rh-97



MAT 4507

475.1 keV (n,n') Level  
Legendre Coefficients

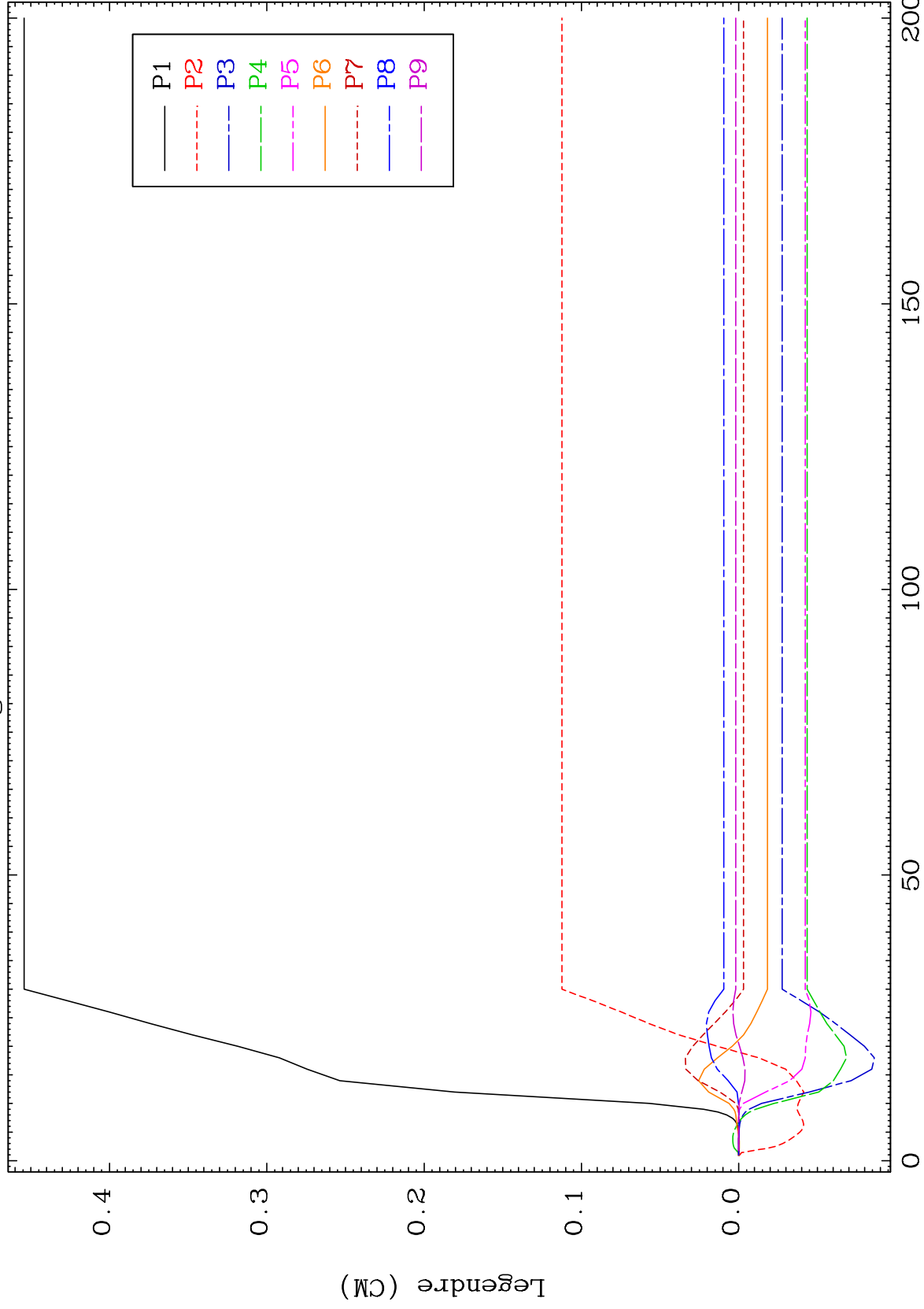
45-Rh-97



MAT 4507

845.3 keV (n,n') Level  
Legendre Coefficients

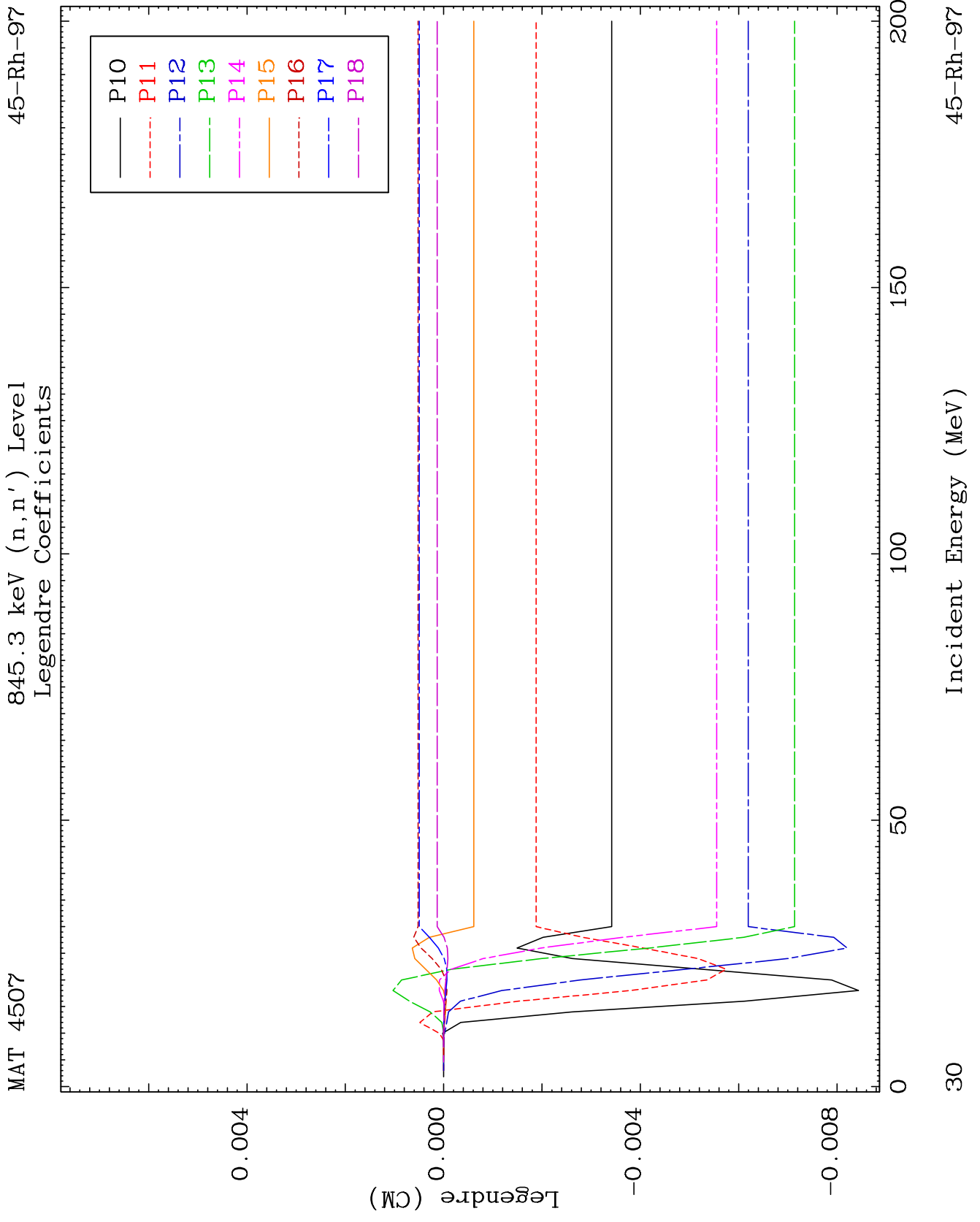
45-Rh-97



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Incident Energy (MeV)

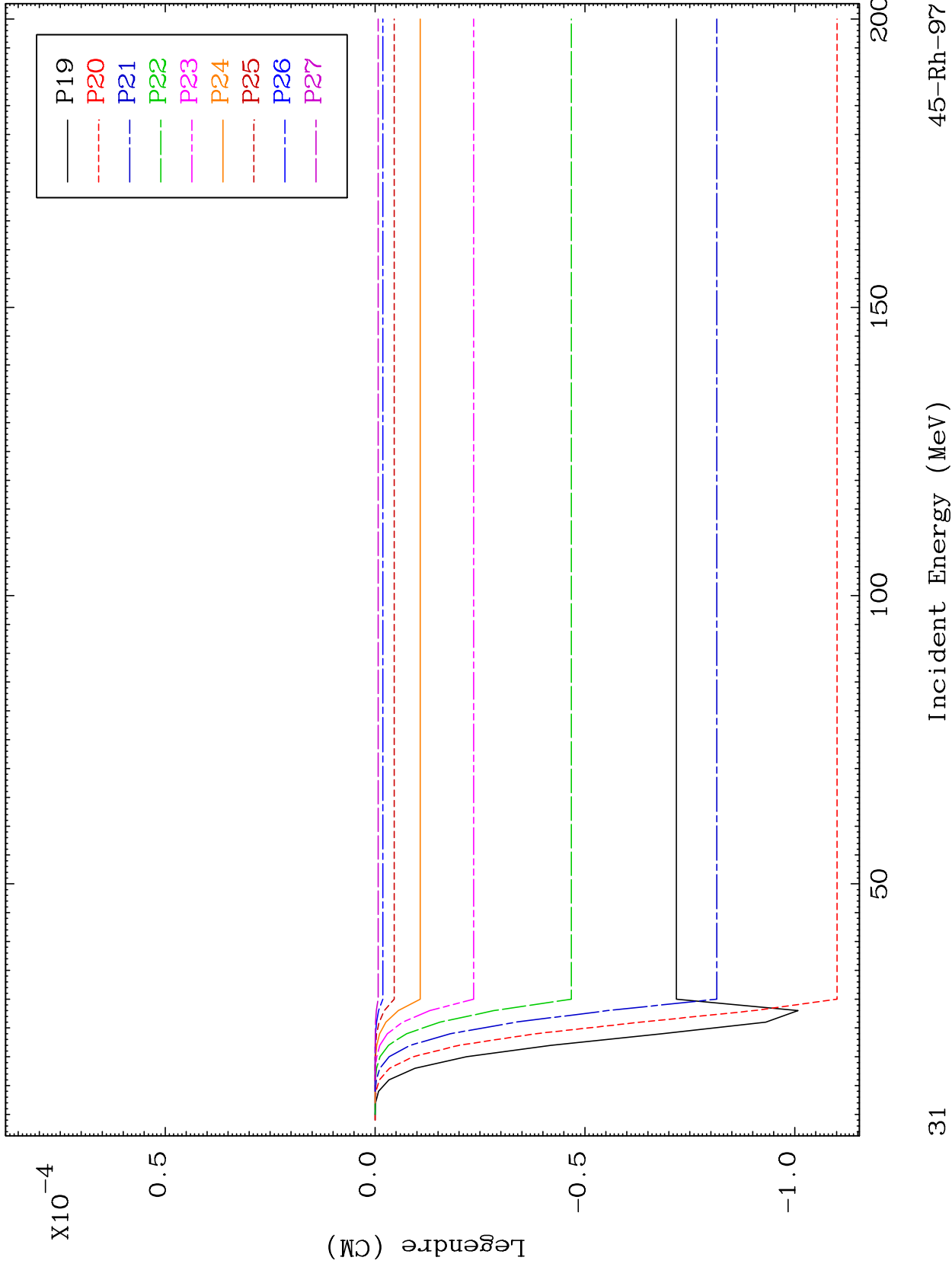
45-Rh-97



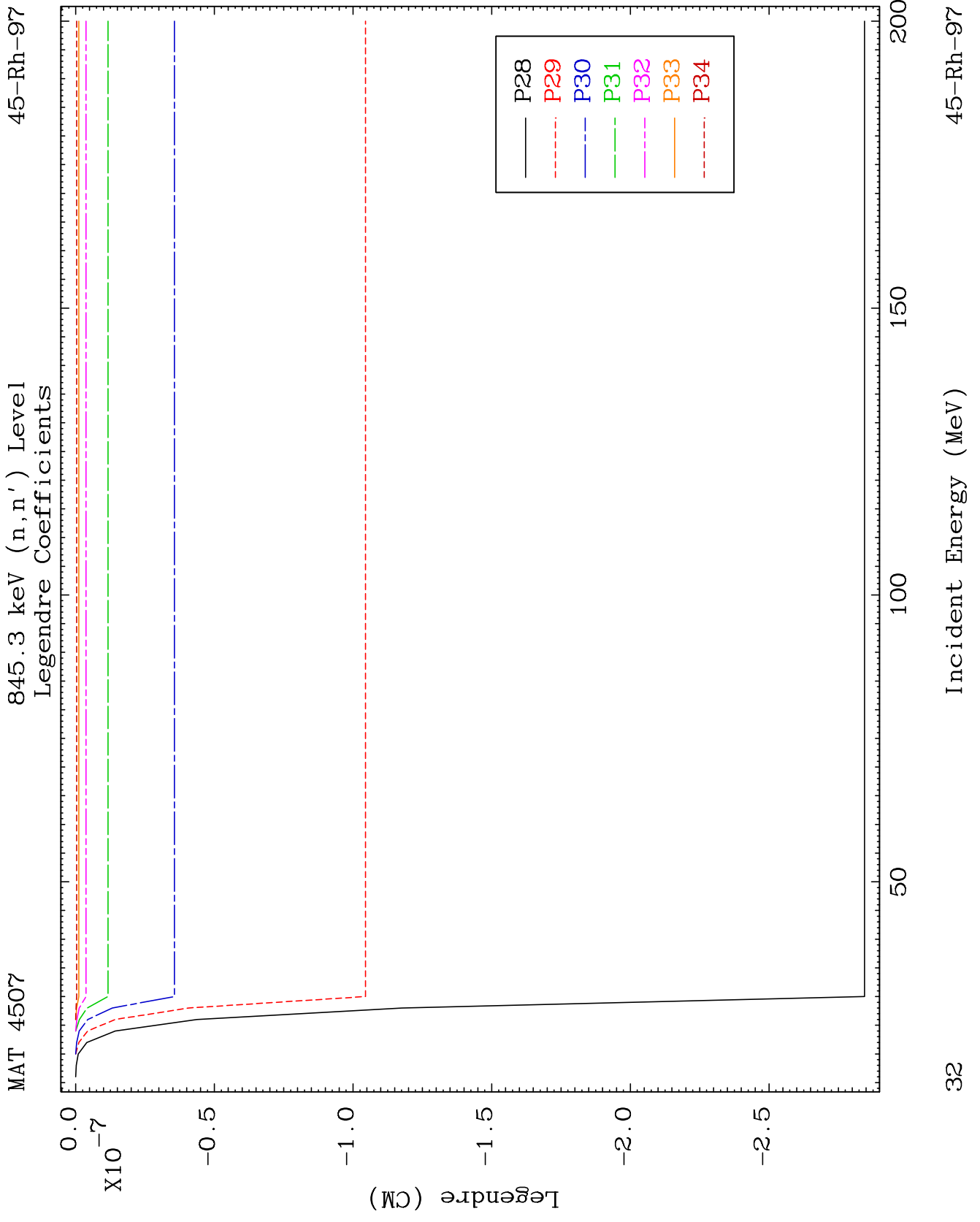
MAT 4507

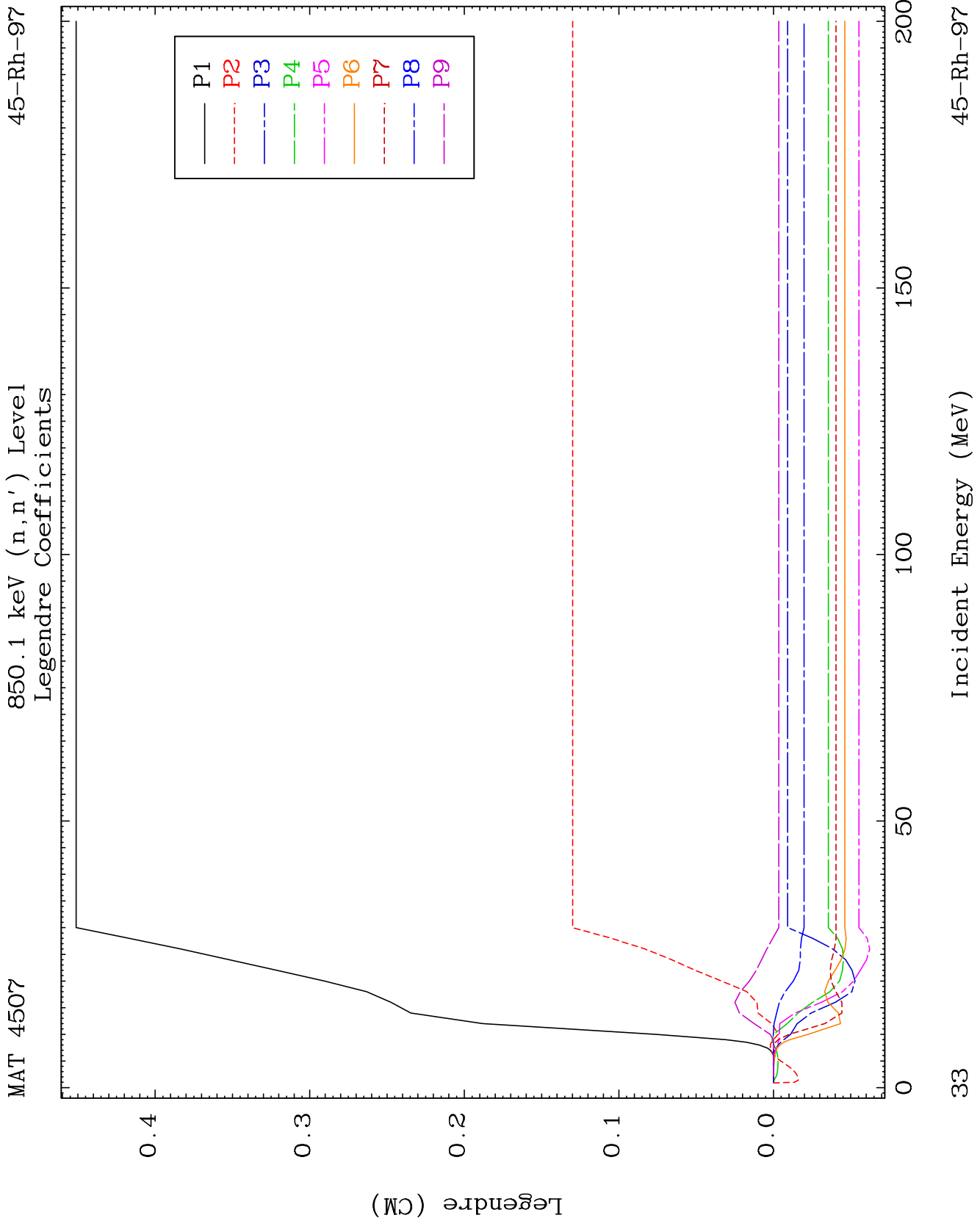
845.3 keV (n,n') Level  
Legendre Coefficients

45-Rh-97





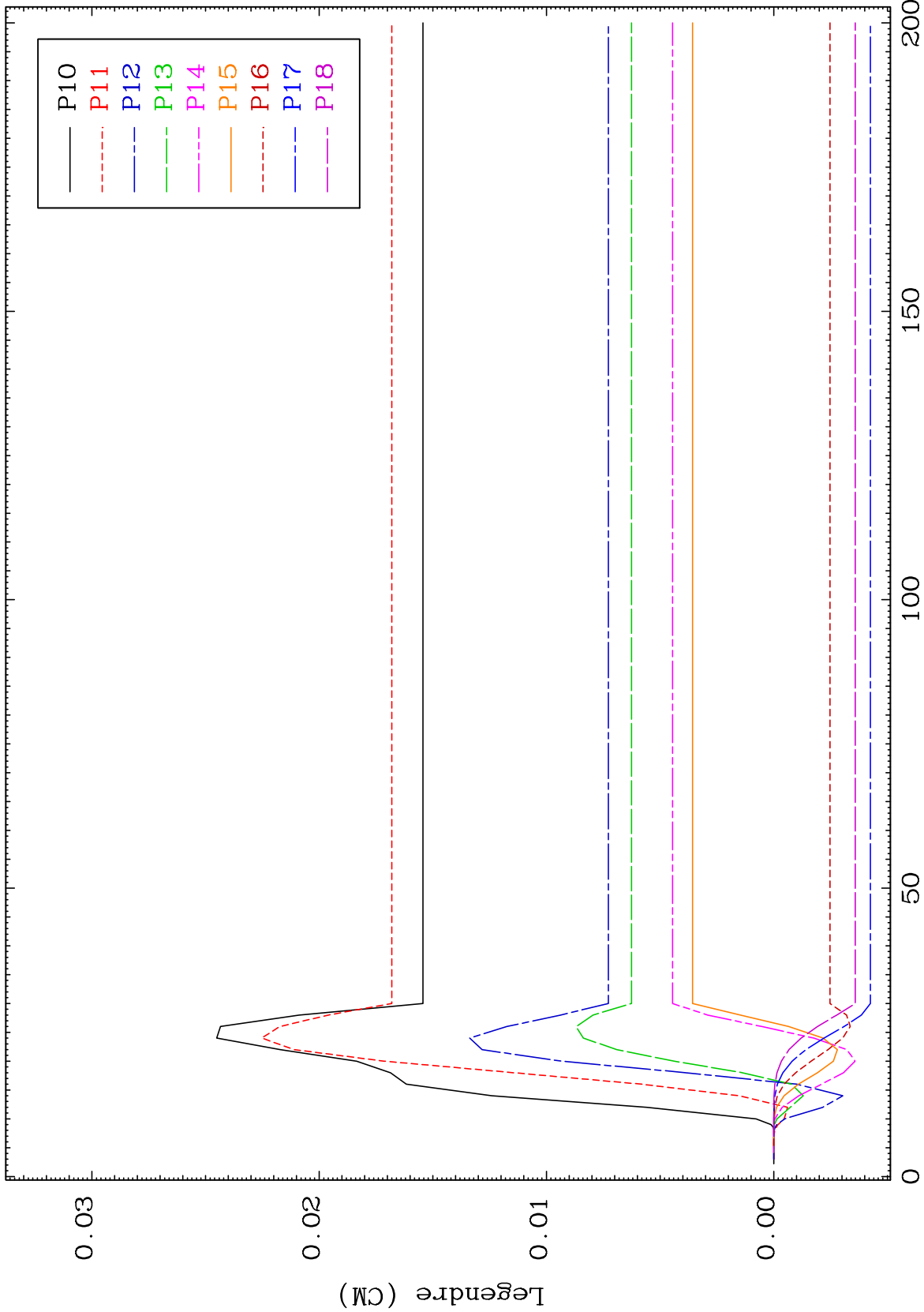




MAT 4507

850.1 keV (n,n') Level  
Legendre Coefficients

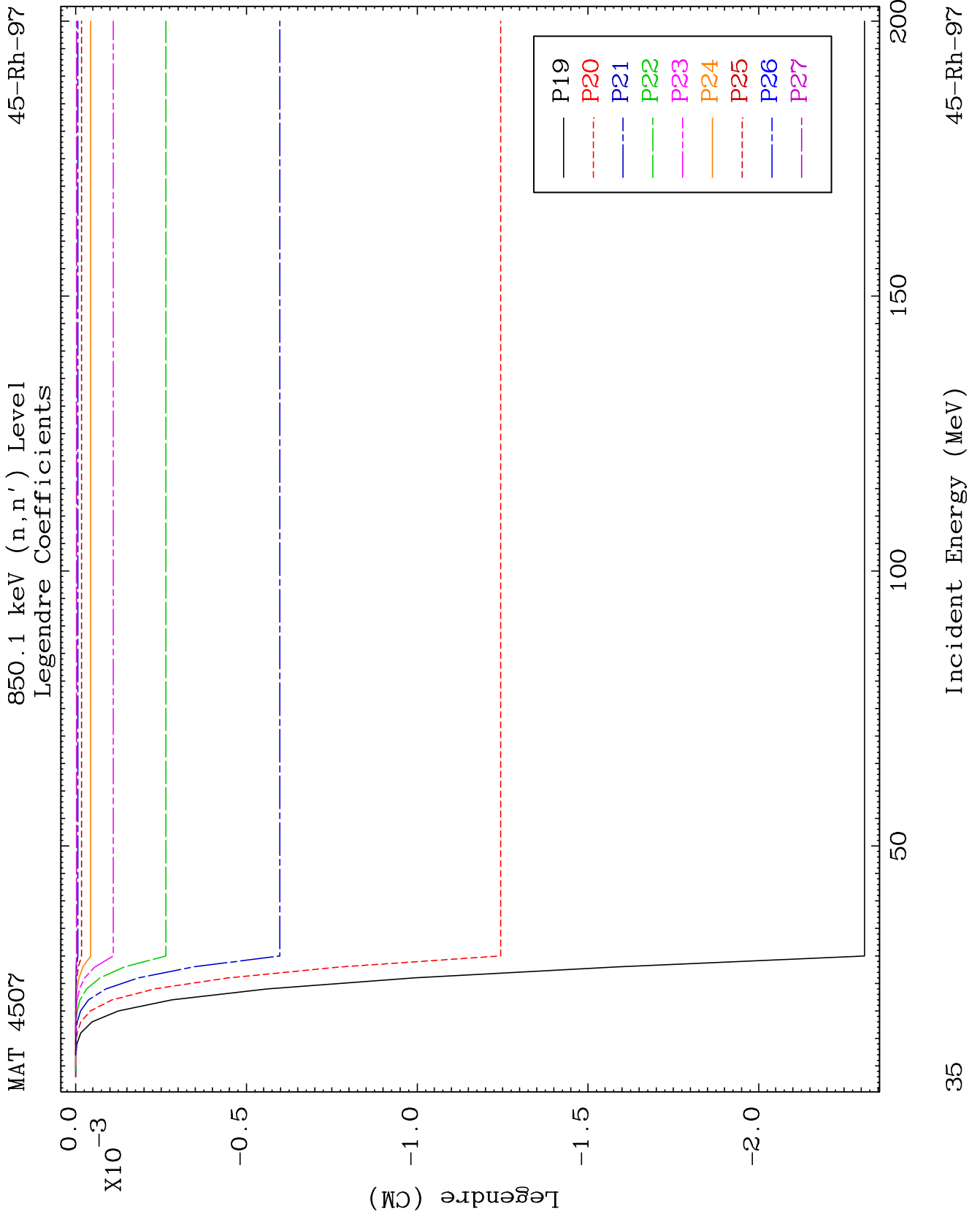
45-Rh-97

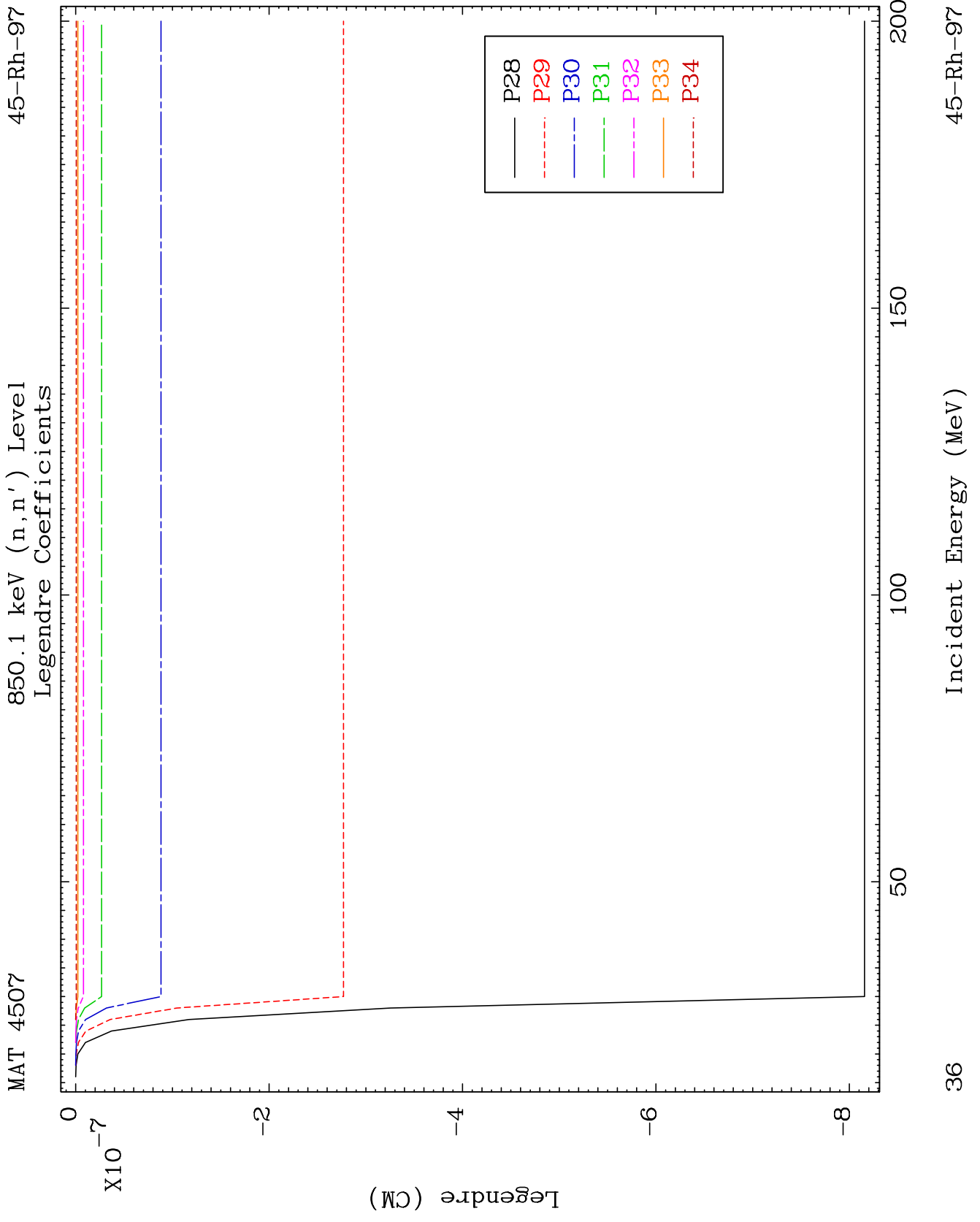


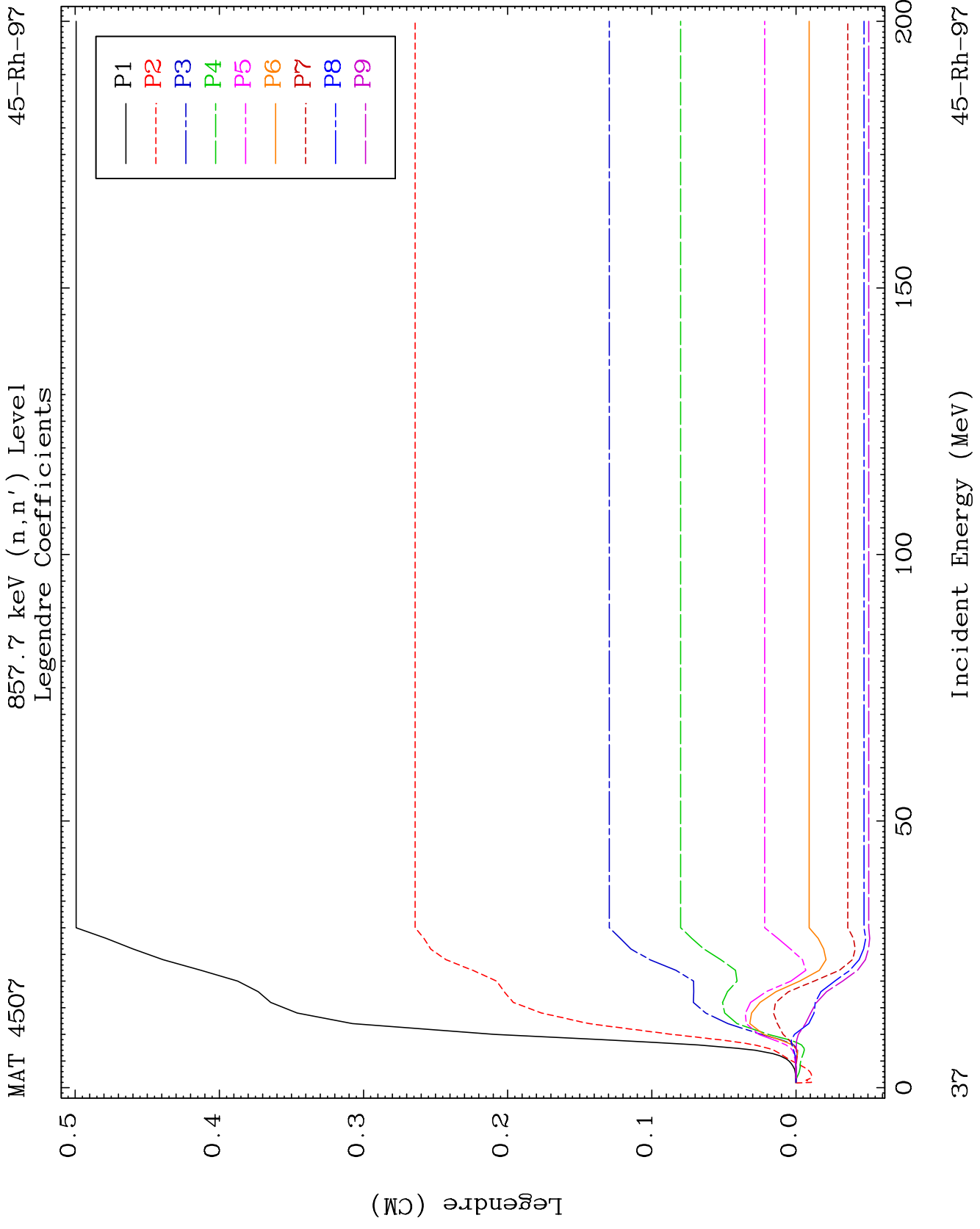
34

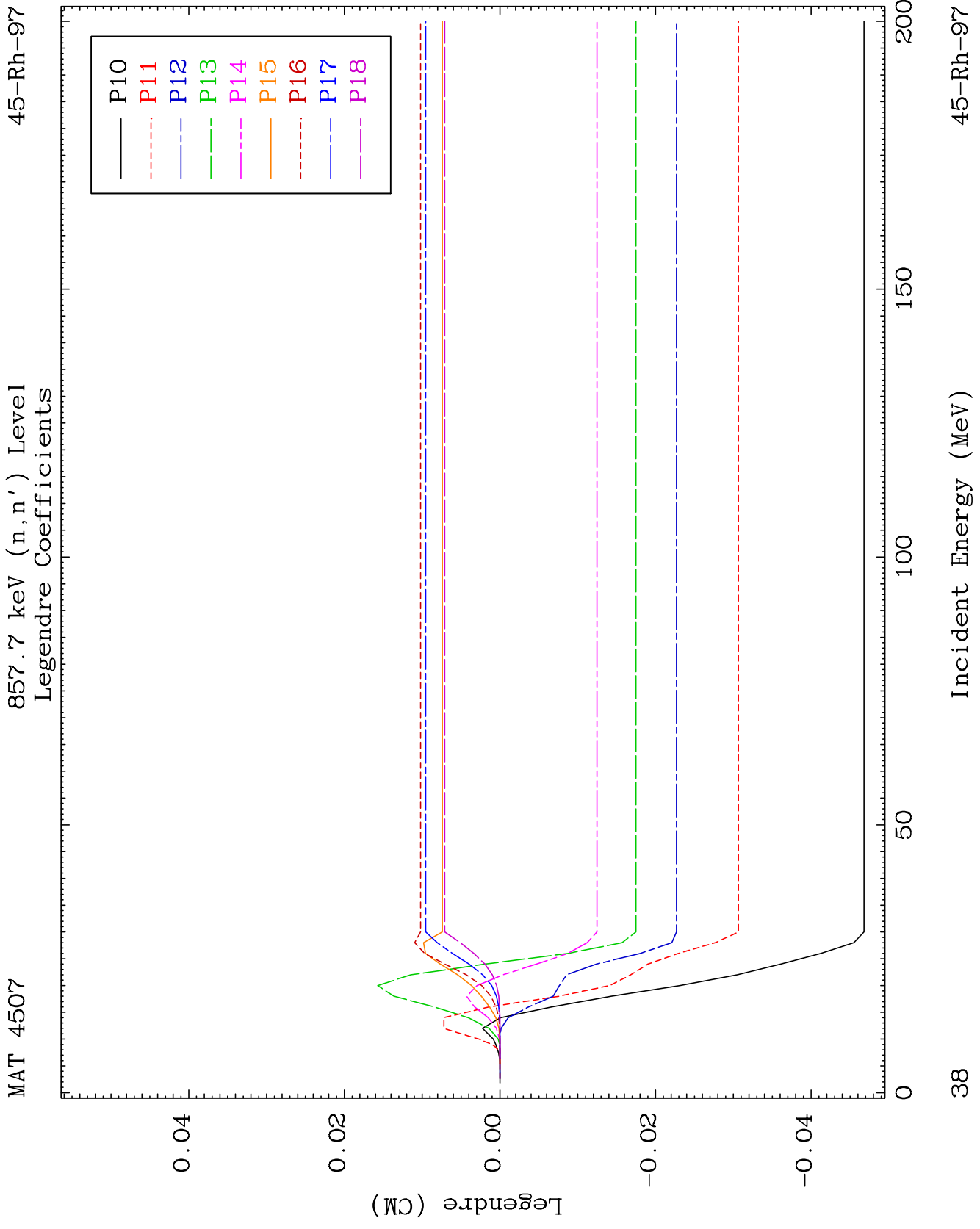
Incident Energy (MeV)

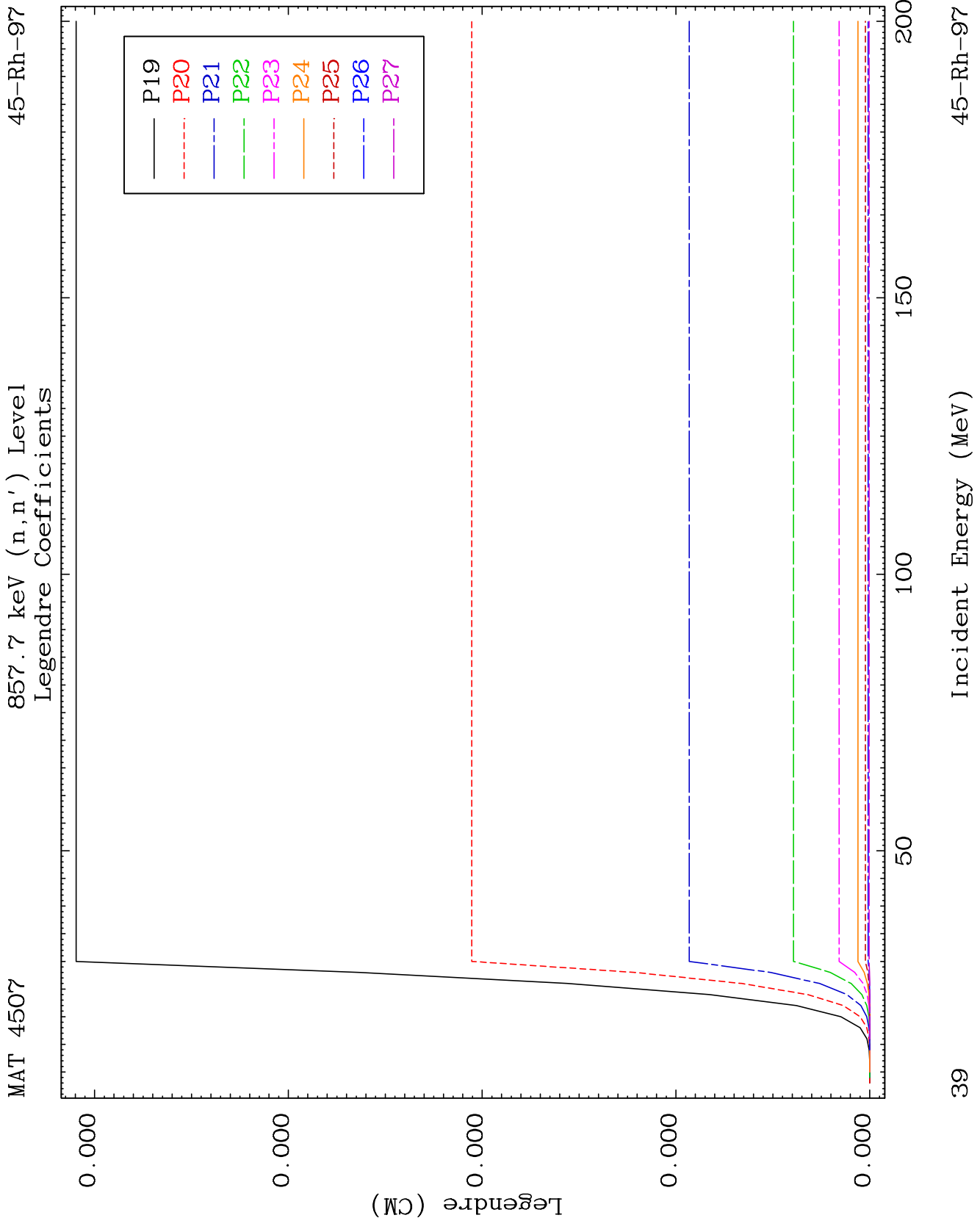
45-Rh-97



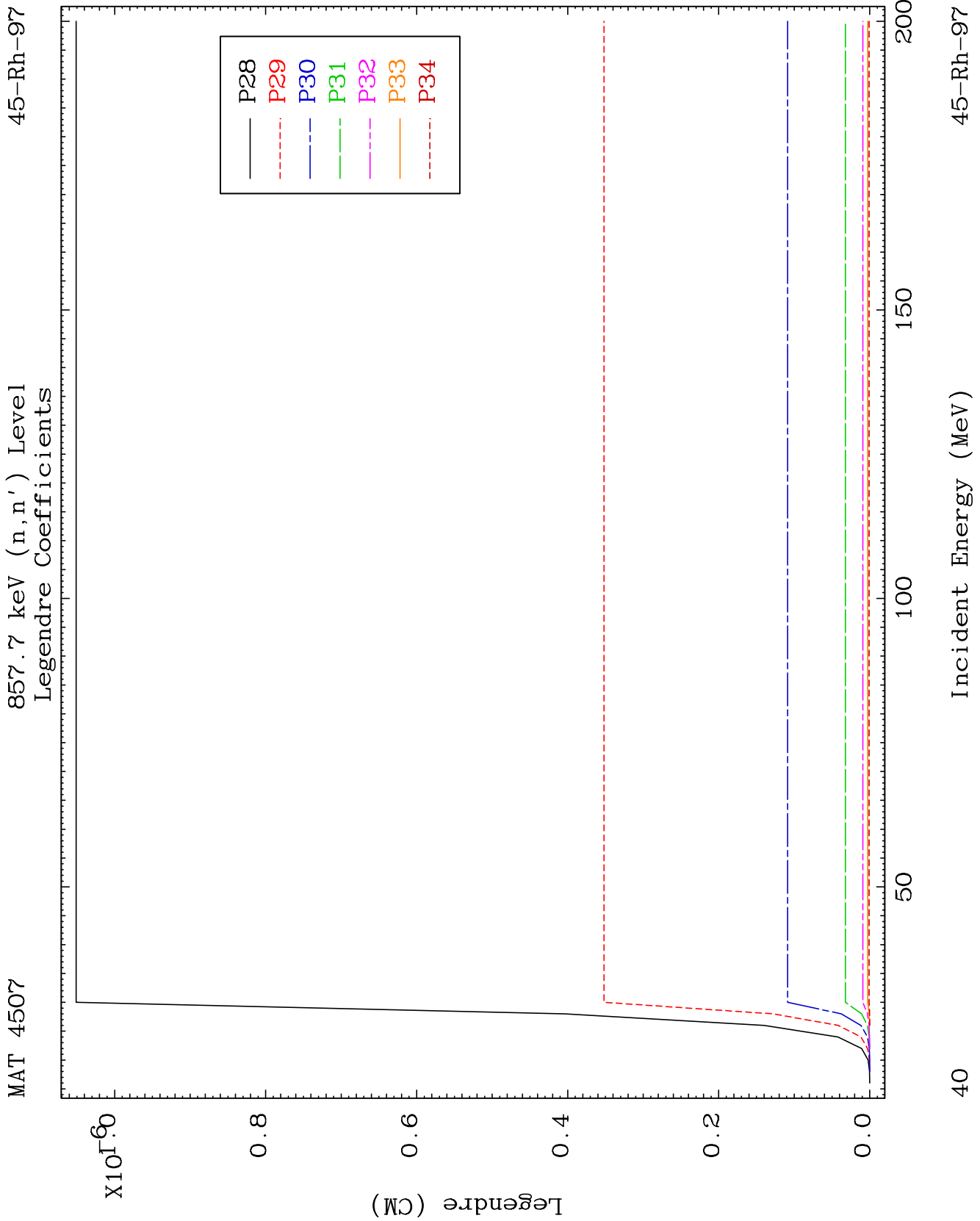










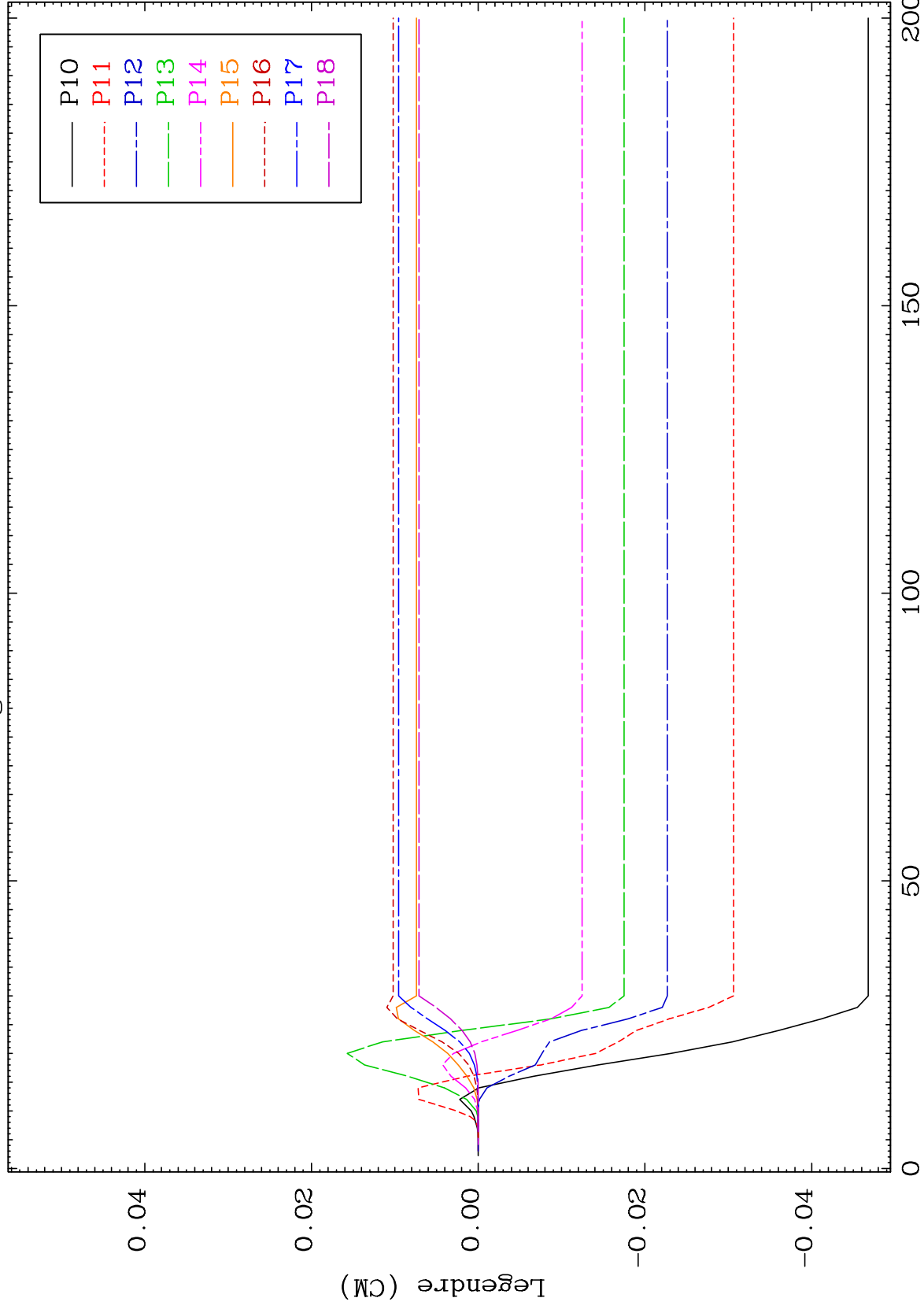




MAT 4507

863.5 keV (n,n') Level  
Legendre Coefficients

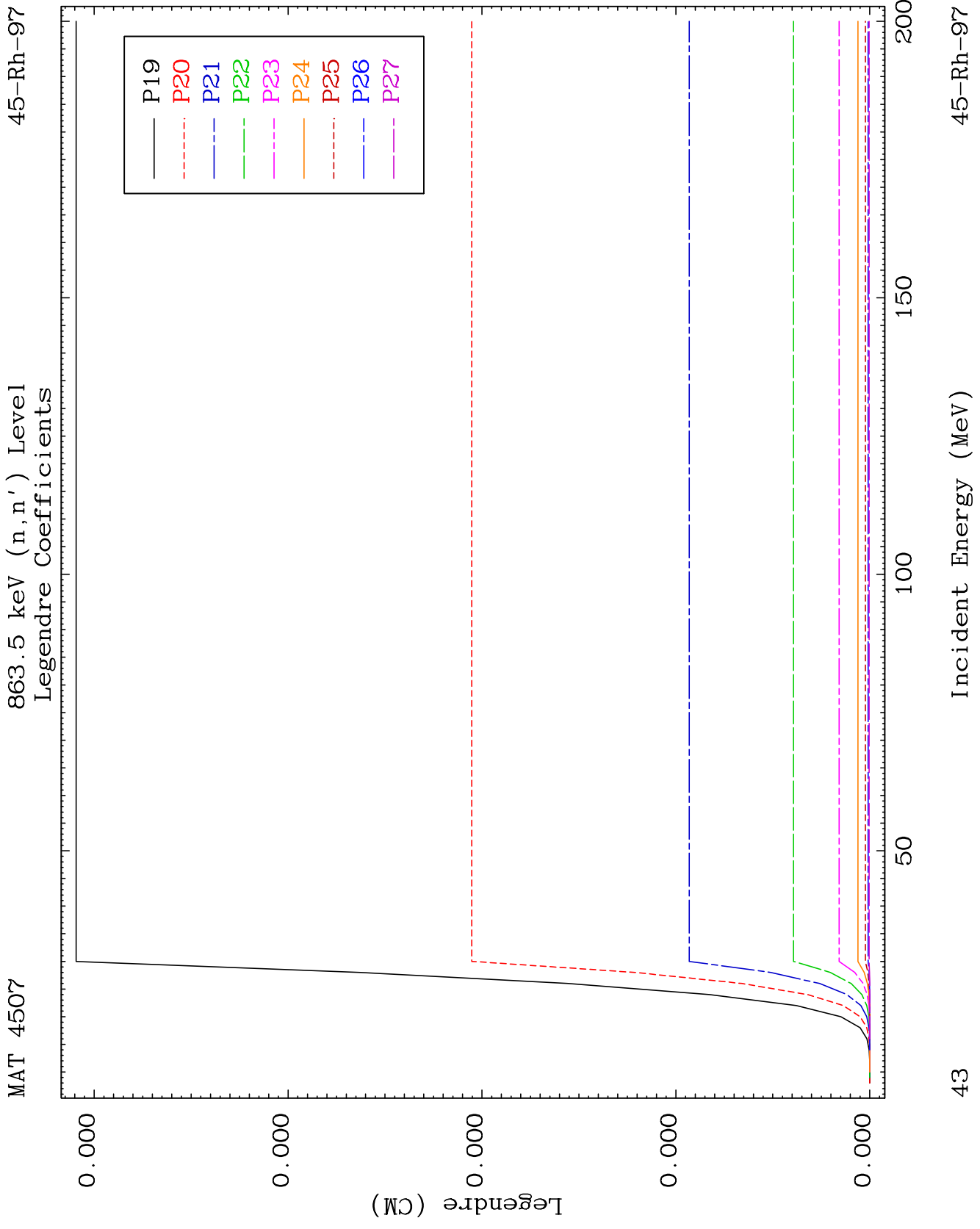
45-Rh-97

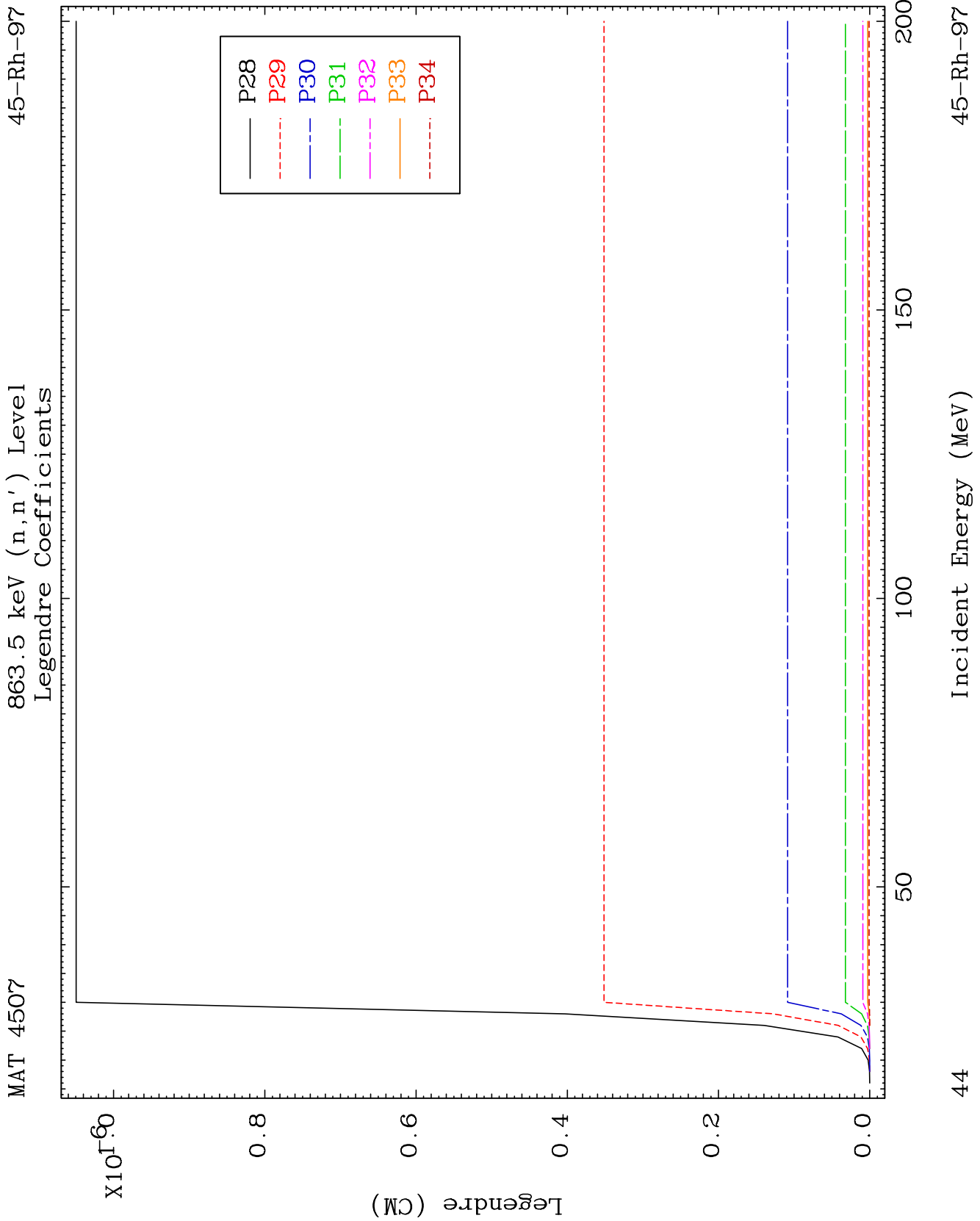


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Incident Energy (MeV)

45-Rh-97









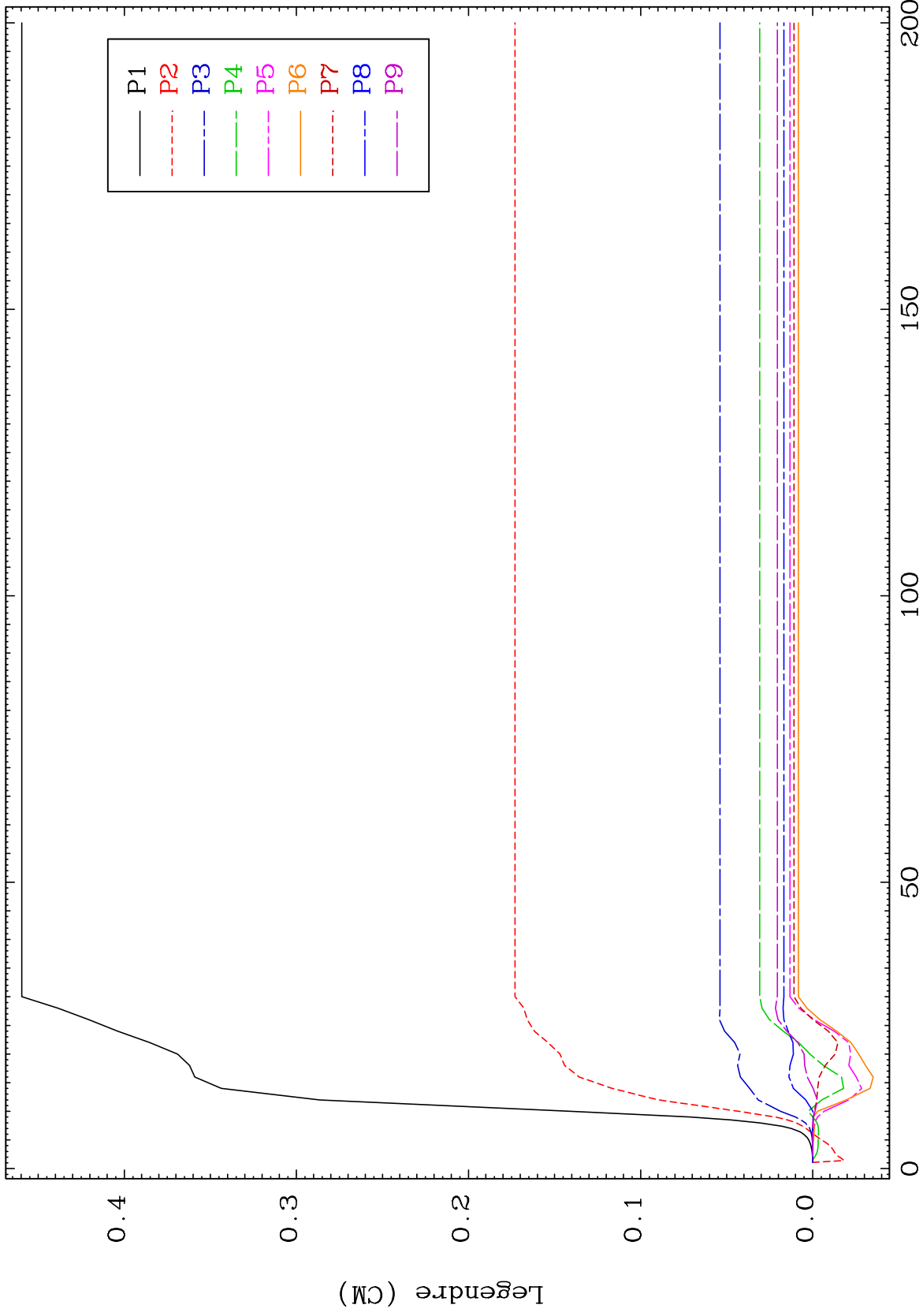




MAT 4507

1.058 MeV (n,n') Level  
Legendre Coefficients

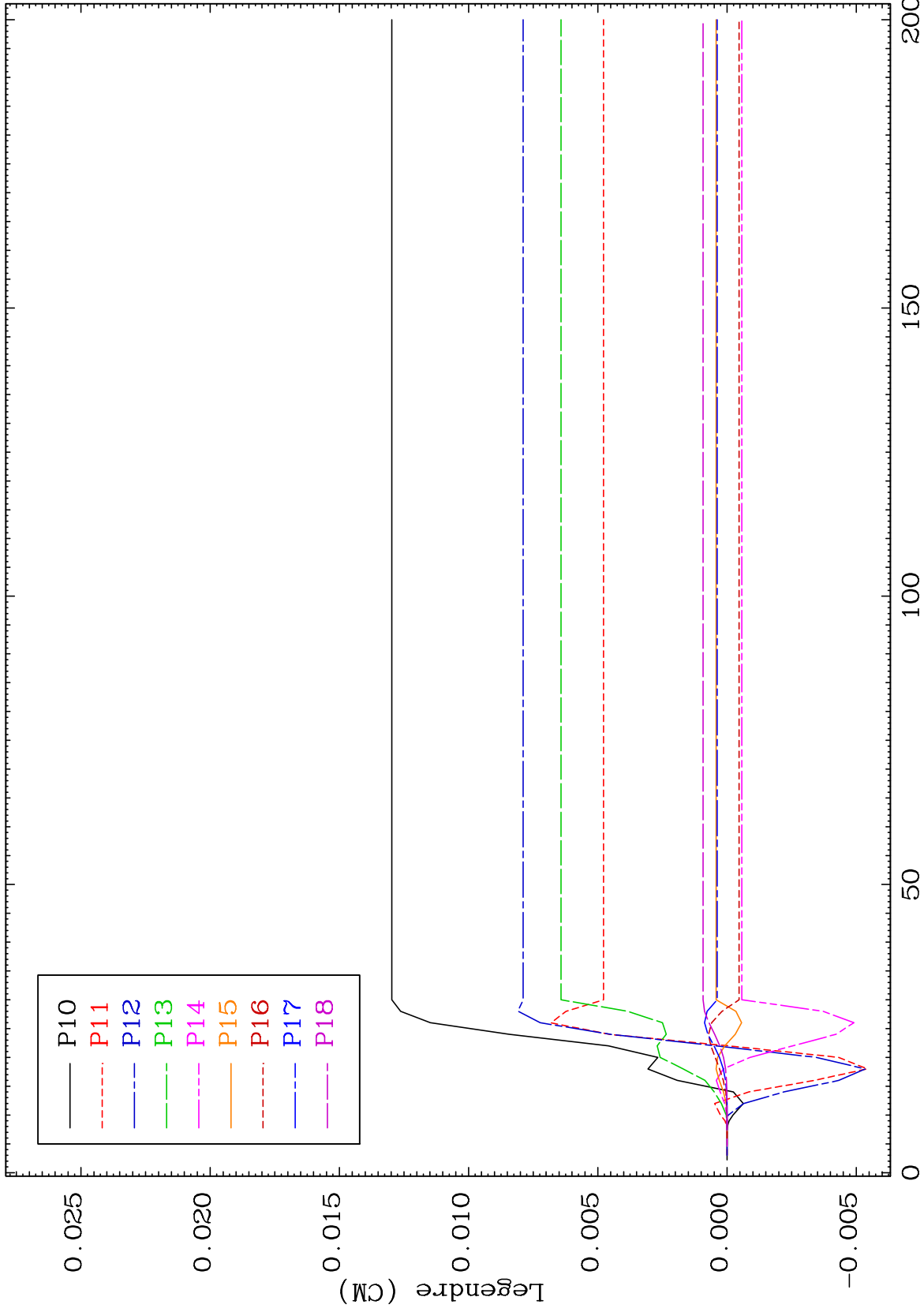
45-Rh-97



45-Rh-97

Incident Energy (MeV)

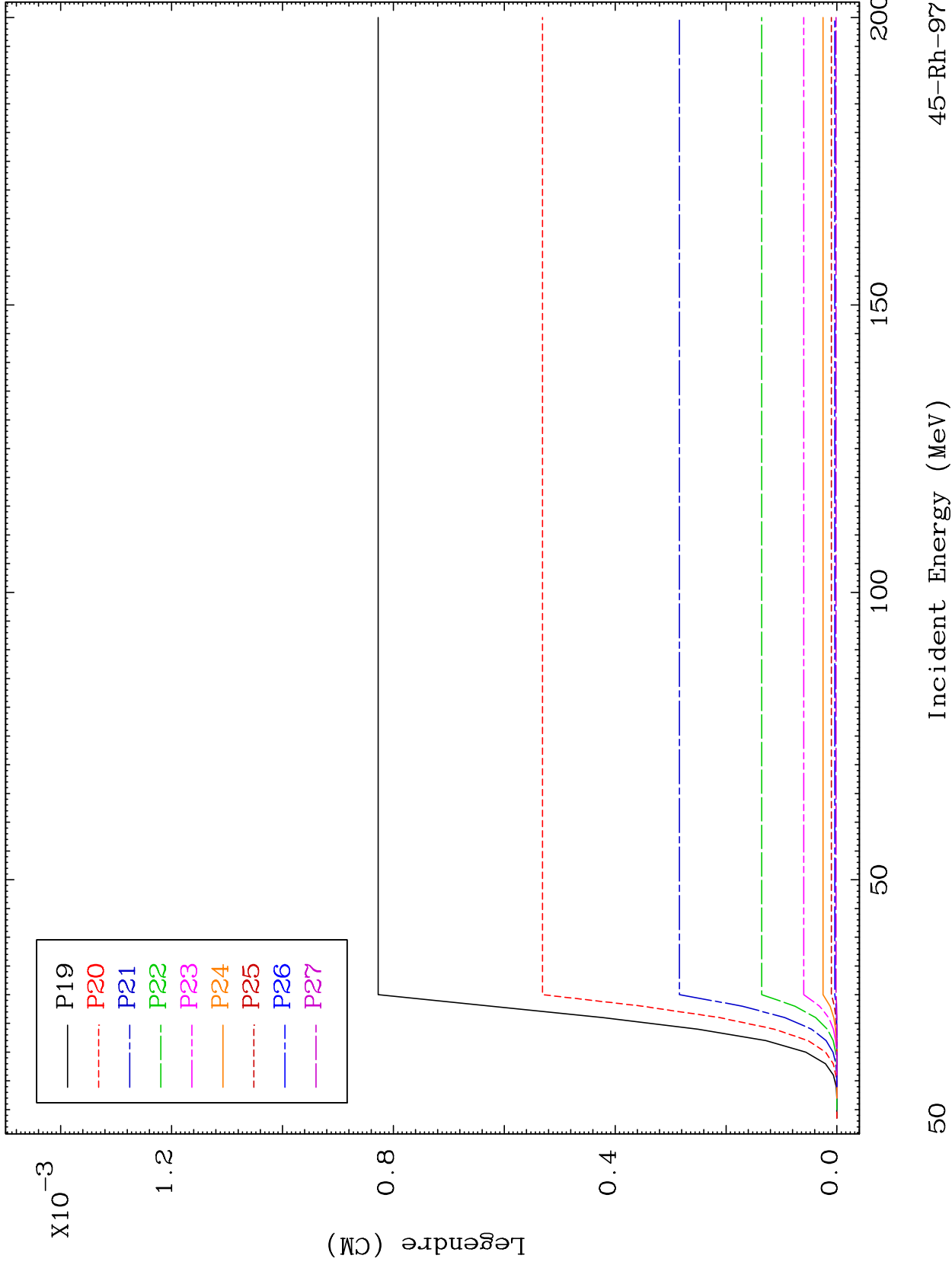
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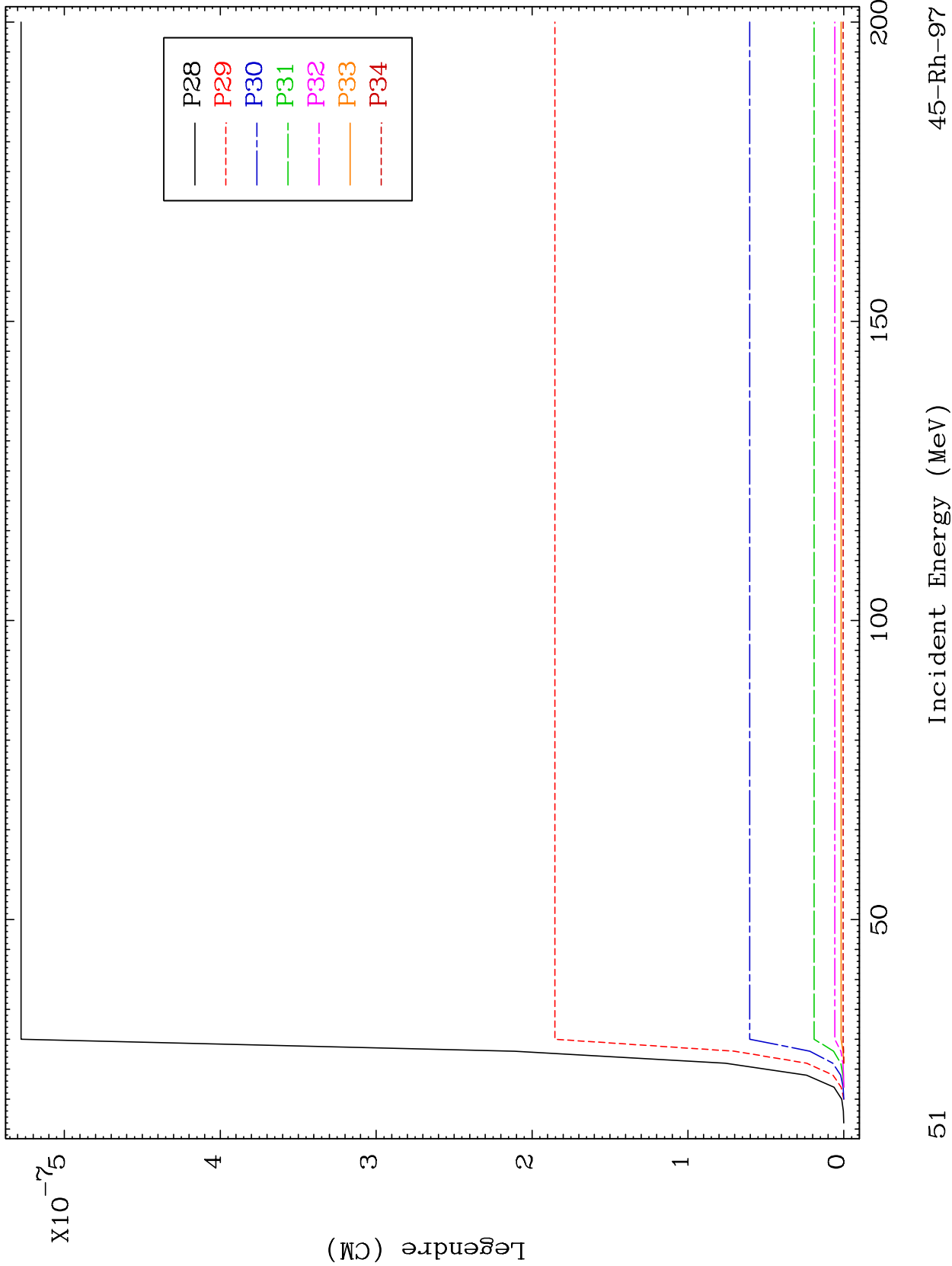


MAT 4507

1.058 MeV (n,n') Level  
Legendre Coefficients

45-Rh-97

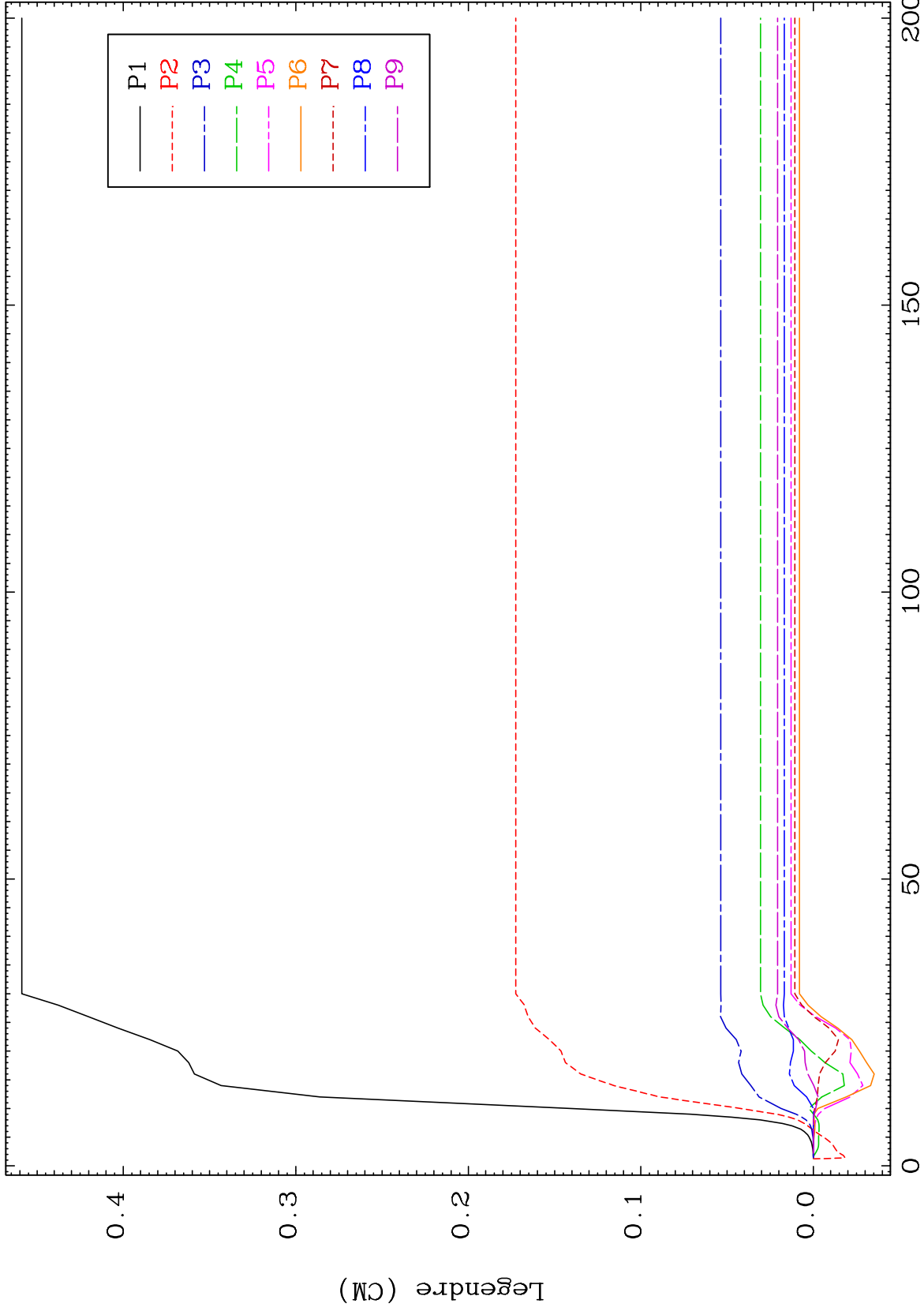




MAT 4507

1.199 MeV (n,n') Level  
Legendre Coefficients

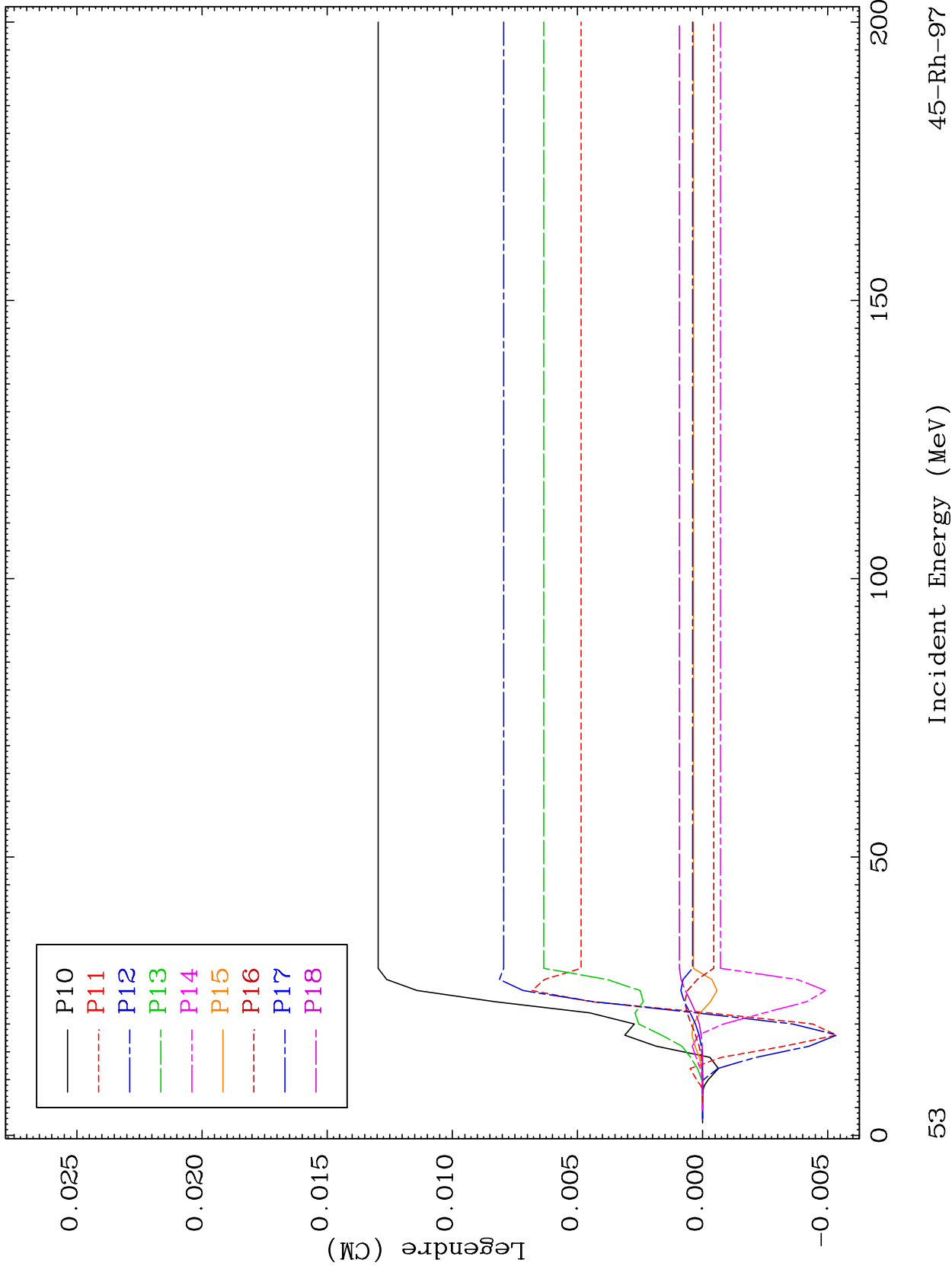
45-Rh-97



45-Rh-97

Incident Energy (MeV)

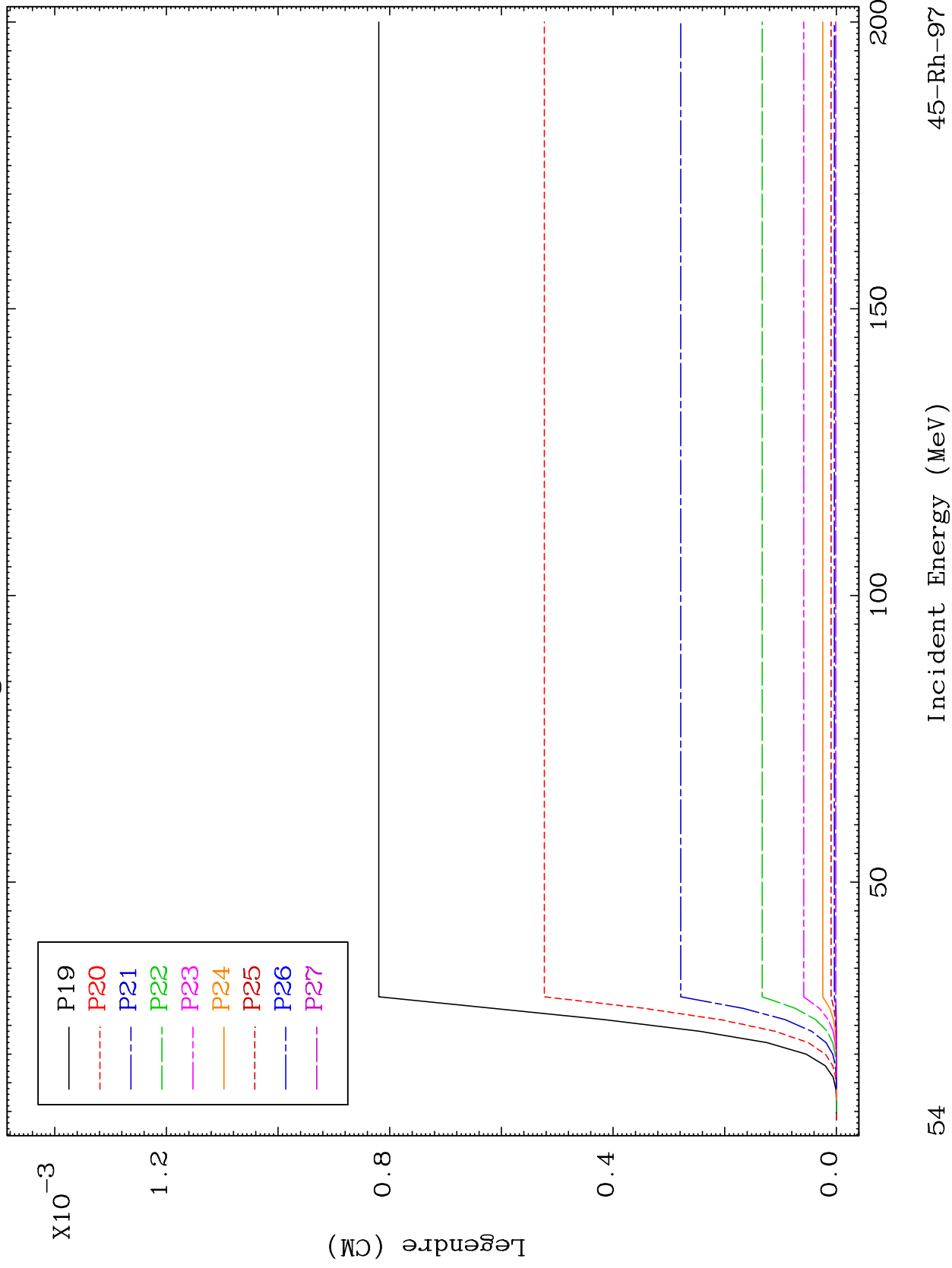
52



MAT 4507

1.199 MeV (n,n') Level  
Legendre Coefficients

45-Rh-97



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Incident Energy (MeV)

45-Rh-97

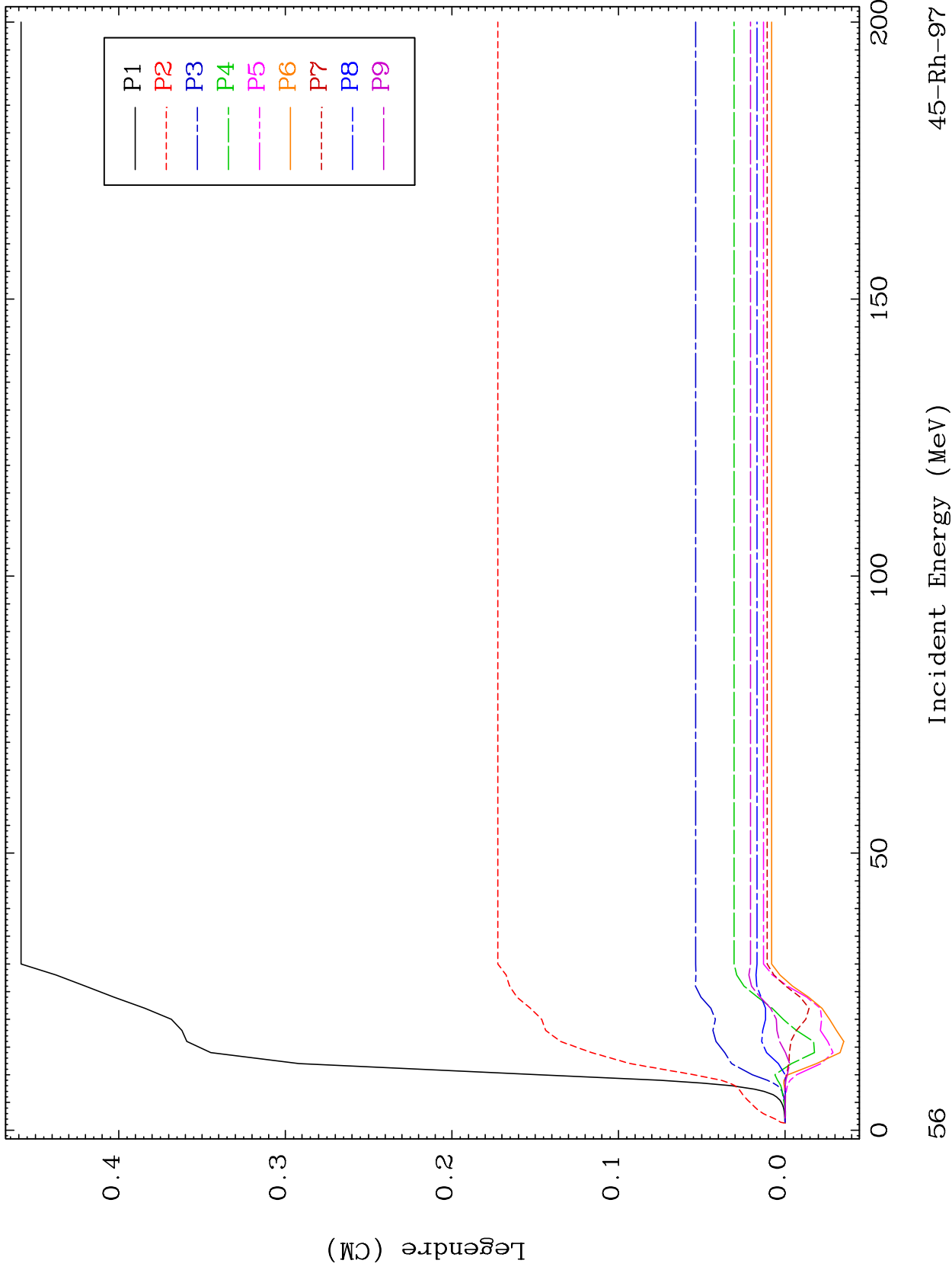




MAT 4507

1.243 MeV (n,n') Level  
Legendre Coefficients

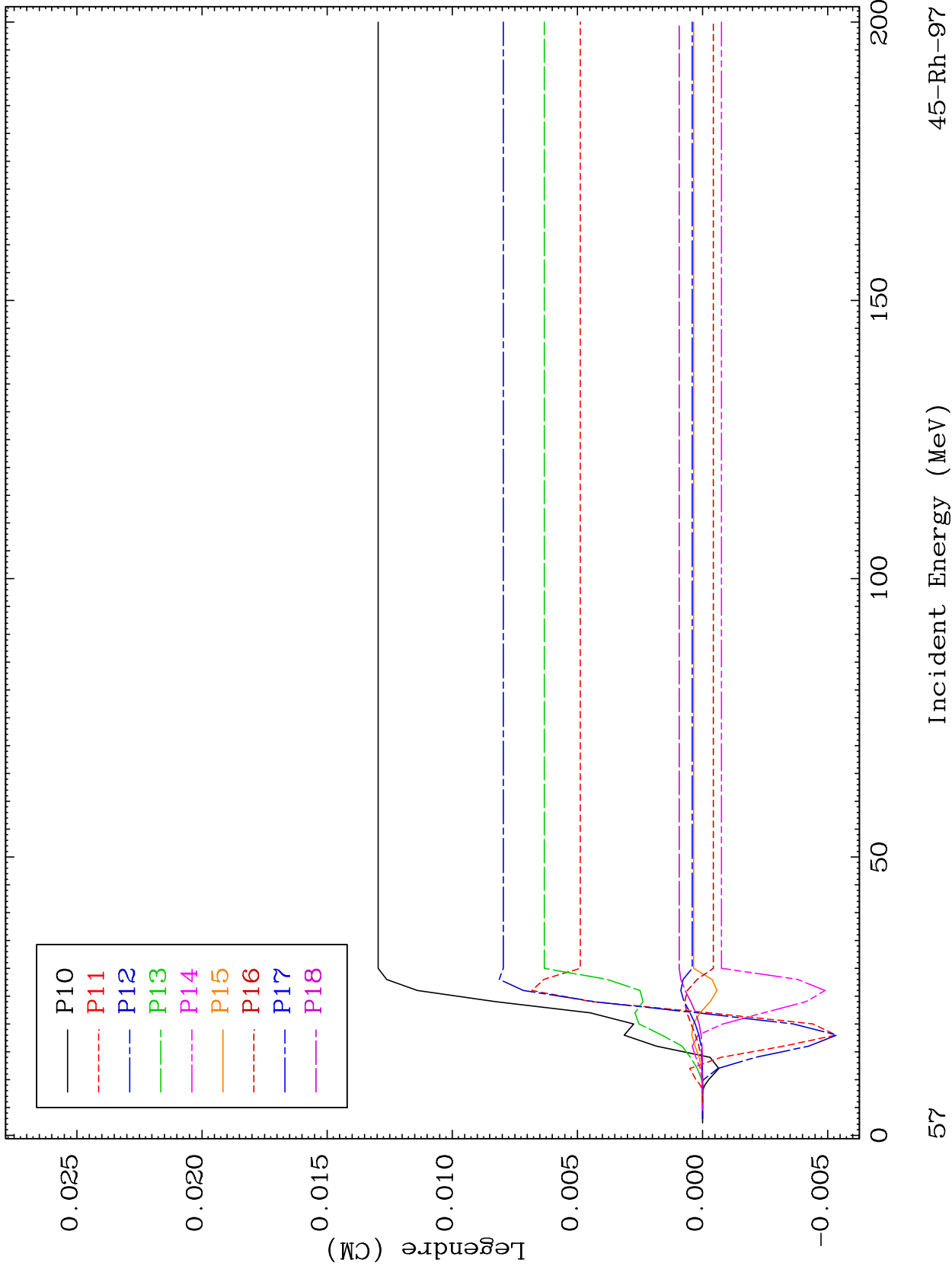
45-Rh-97



45-Rh-97

Incident Energy (MeV)

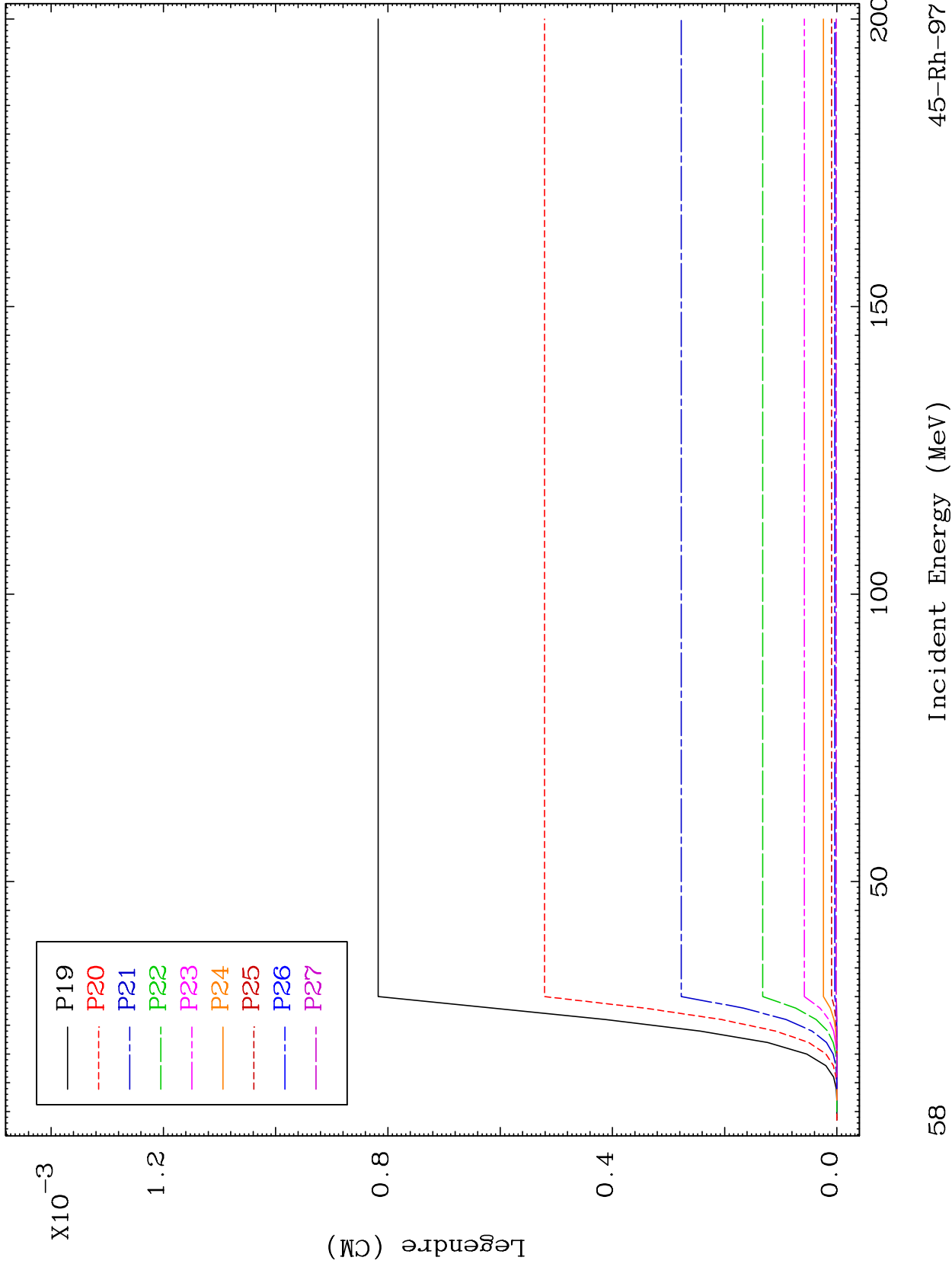
56



MAT 4507

1.243 MeV (n,n') Level  
Legendre Coefficients

45-Rh-97



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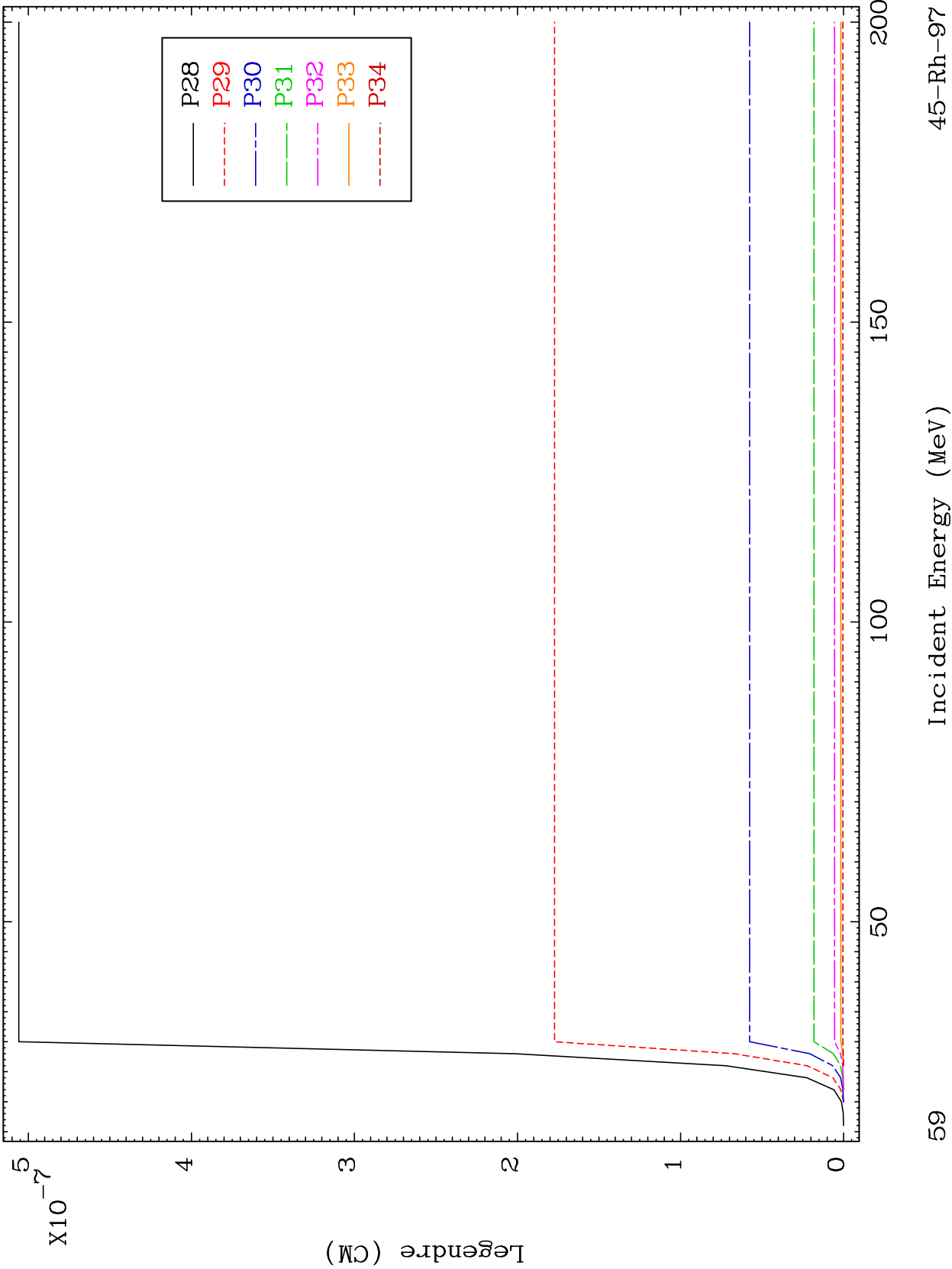
Incident Energy (MeV)

45-Rh-97

MAT 4507

1.243 MeV (n,n') Level  
Legendre Coefficients

45-Rh-97



59

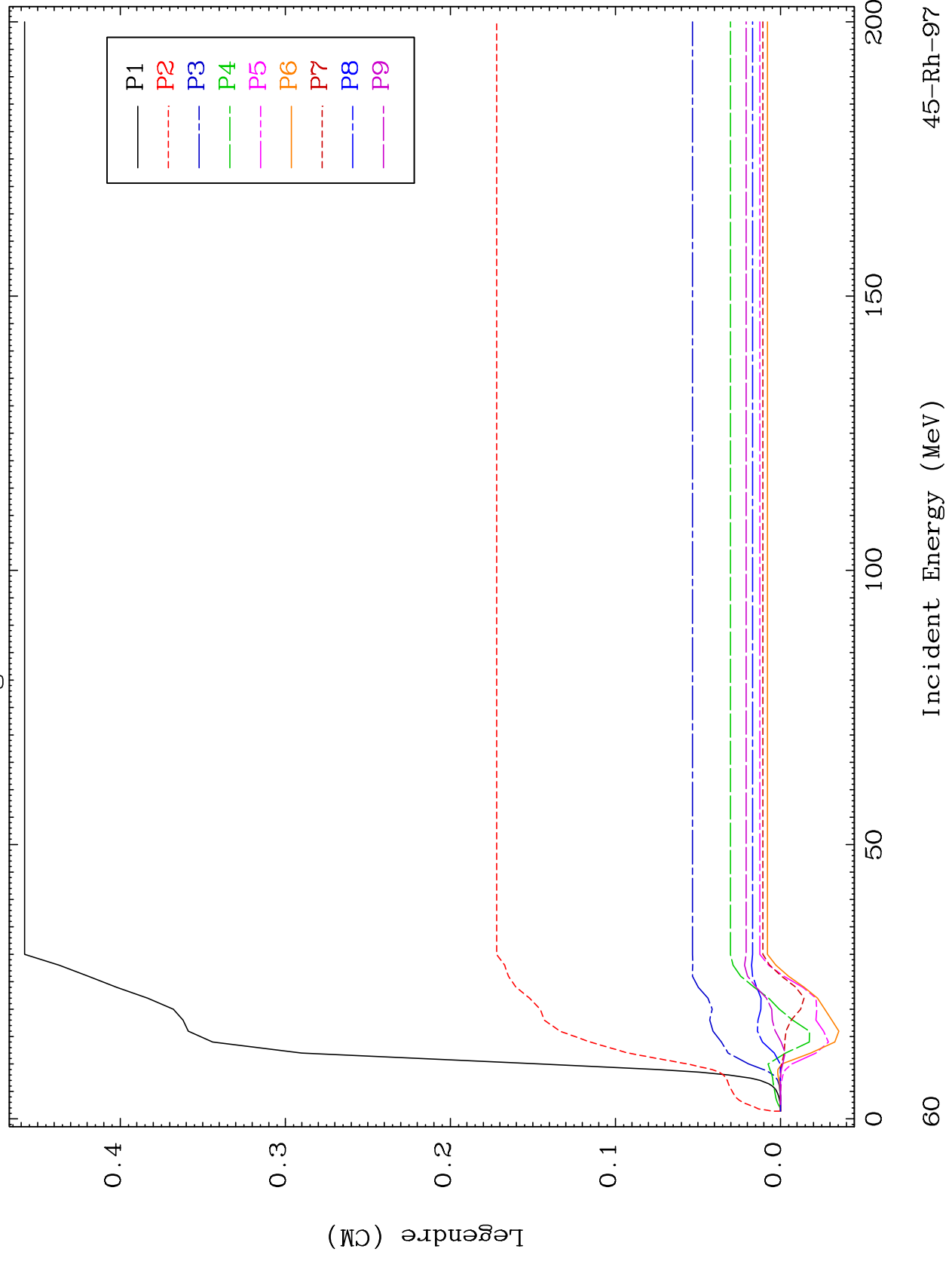
Incident Energy (MeV)

45-Rh-97

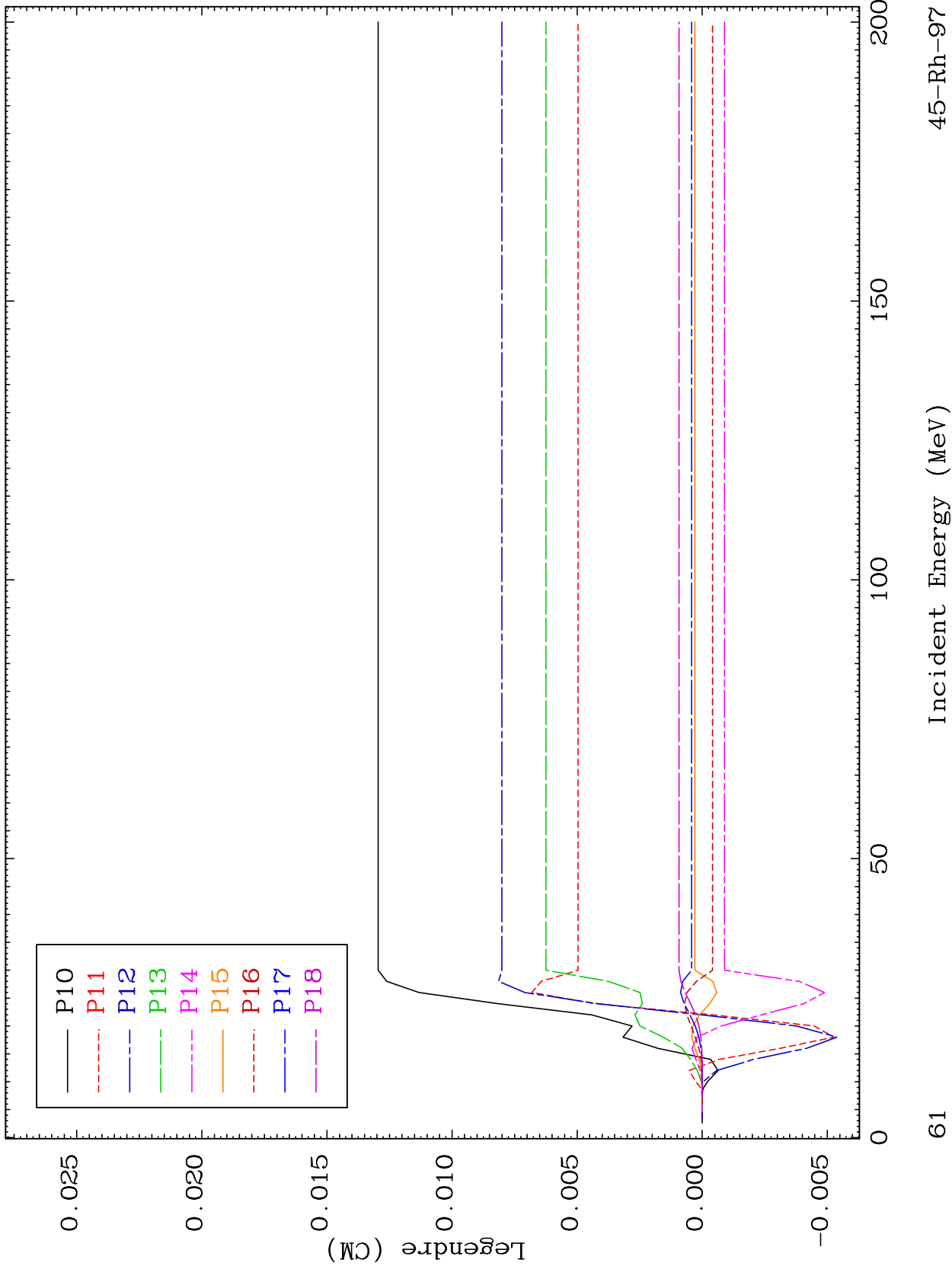
MAT 4507

1.376 MeV (n,n') Level  
Legendre Coefficients

45-Rh-97



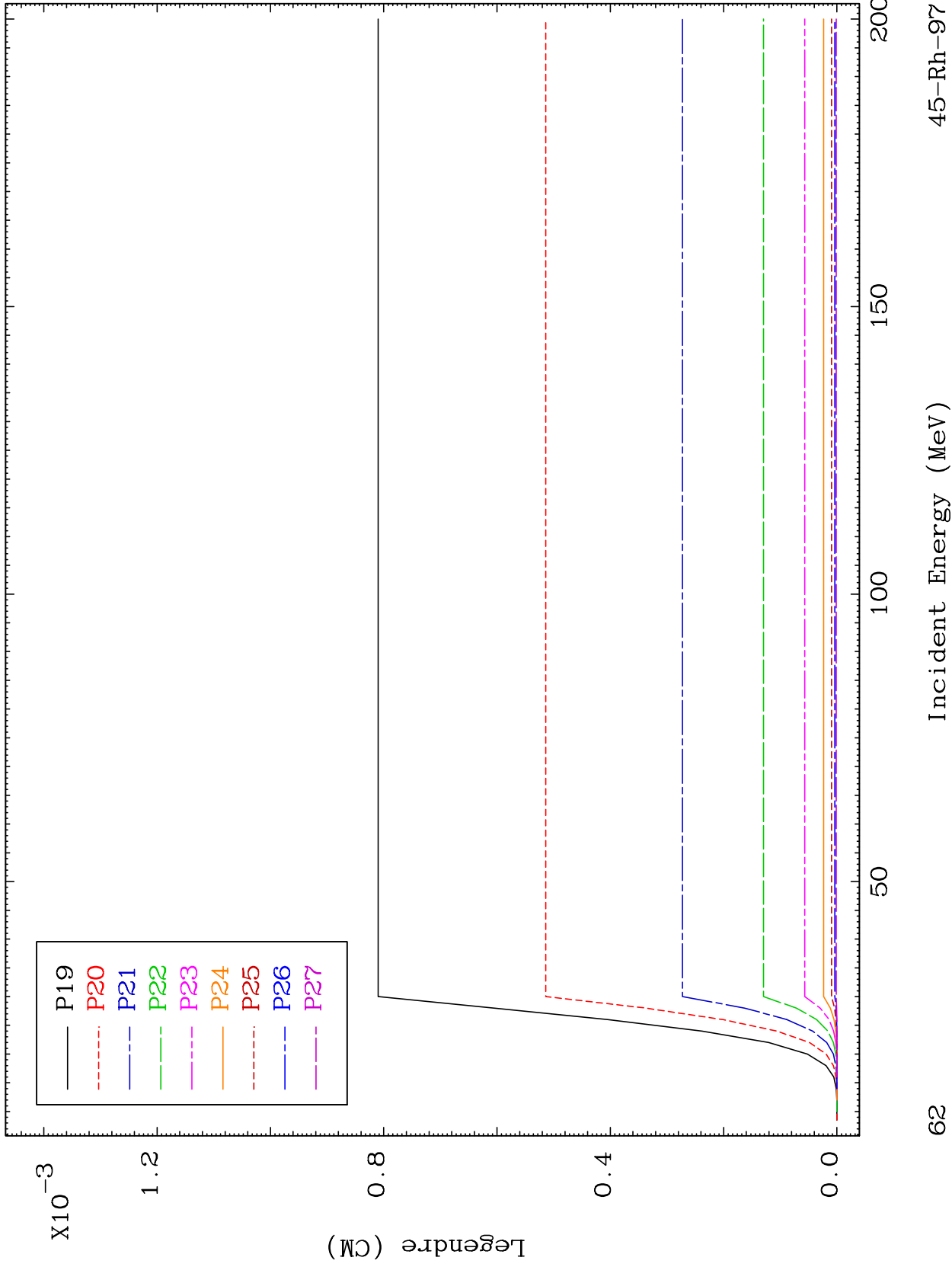
45-Rh-97



MAT 4507

1.376 MeV (n,n') Level  
Legendre Coefficients

45-Rh-97



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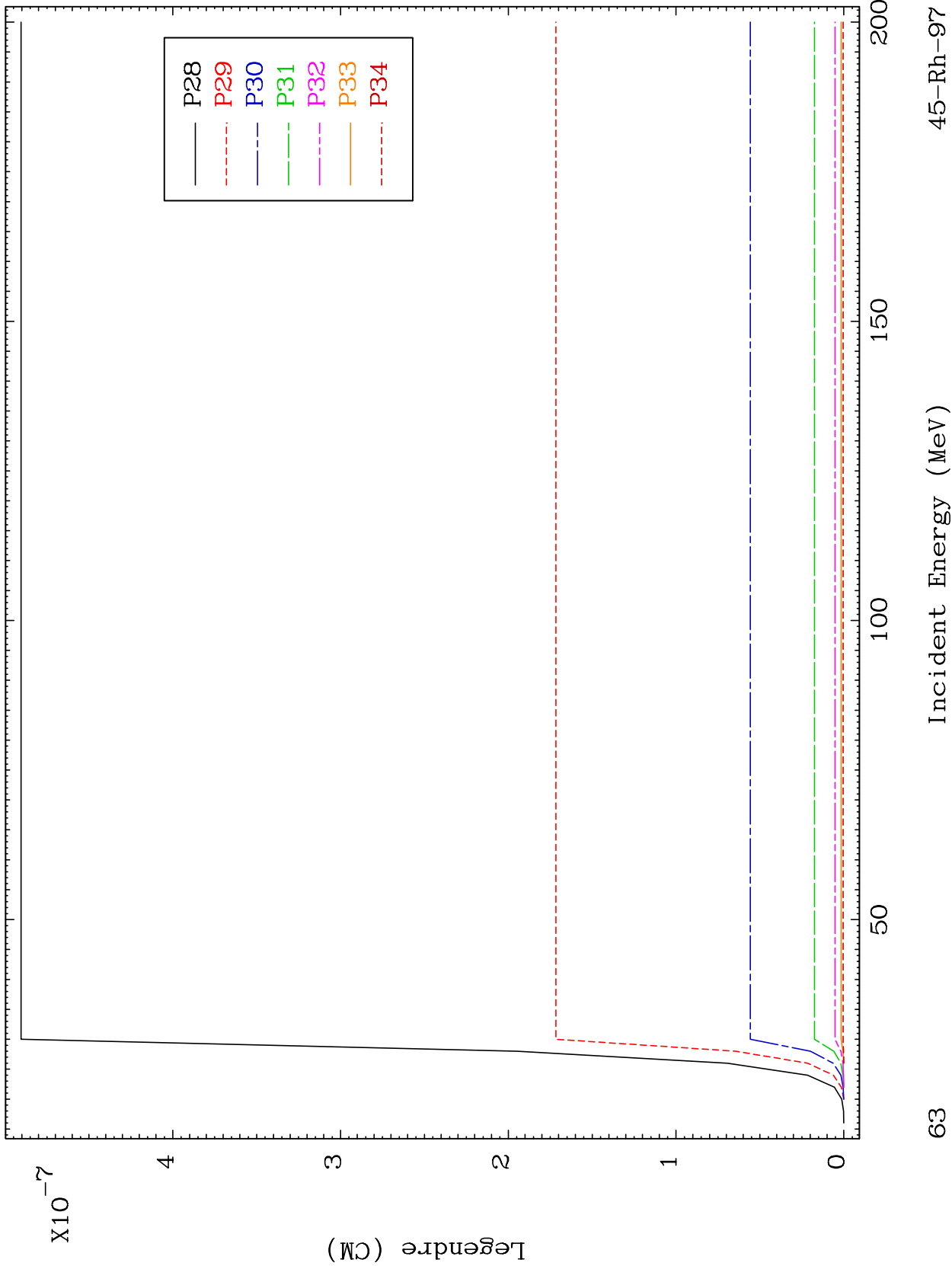
Incident Energy (MeV)

45-Rh-97

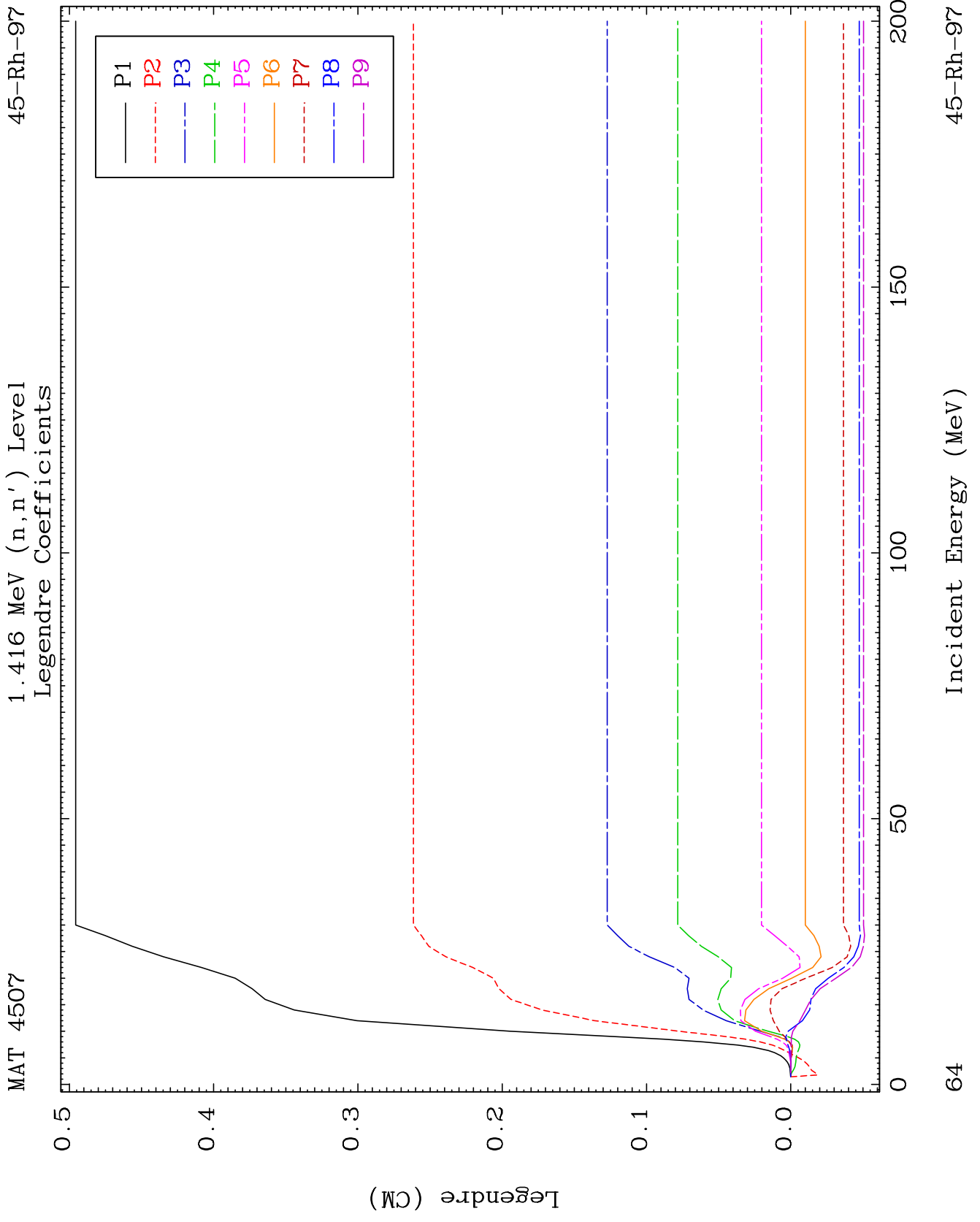
MAT 4507

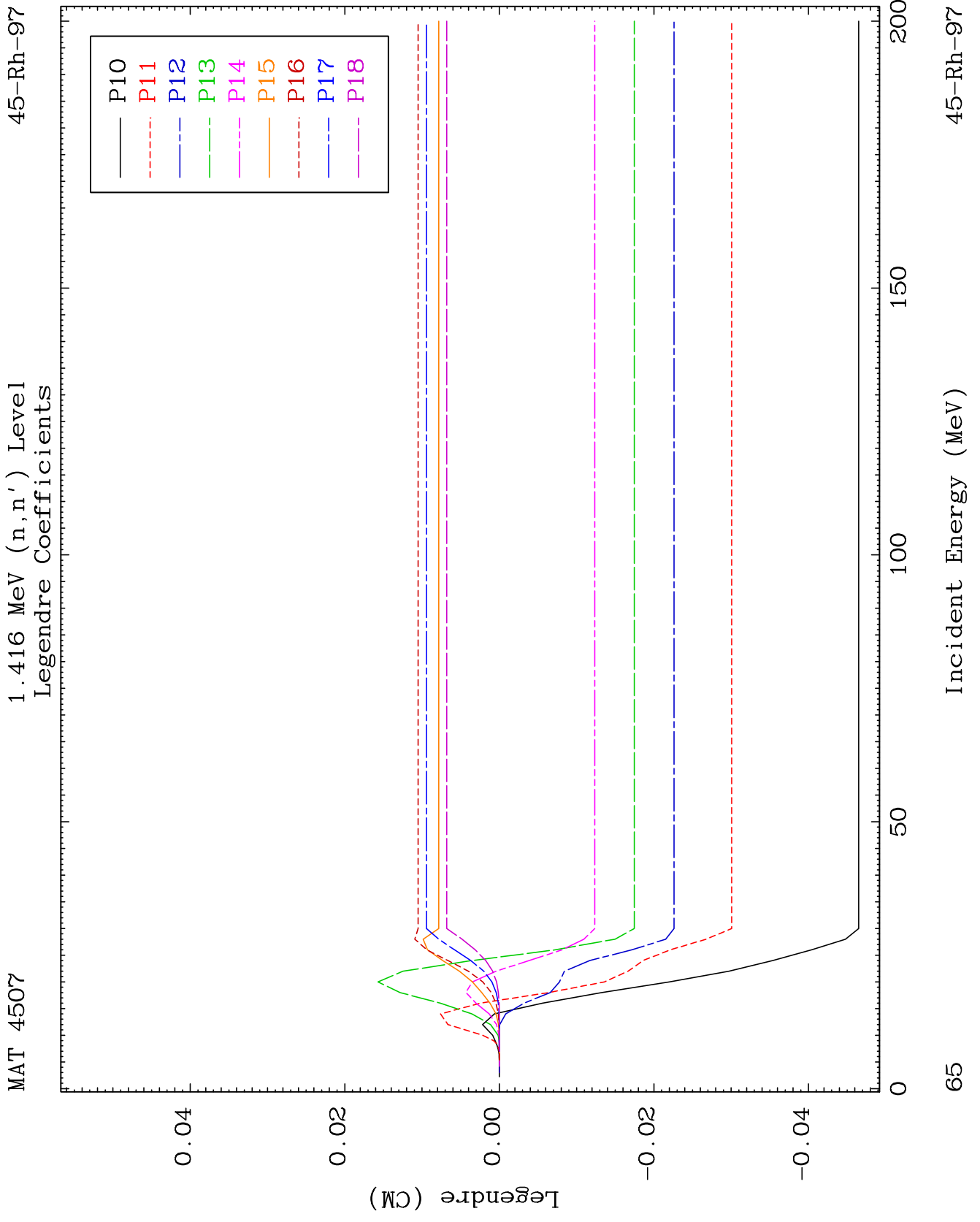
1.376 MeV (n,n') Level  
Legendre Coefficients

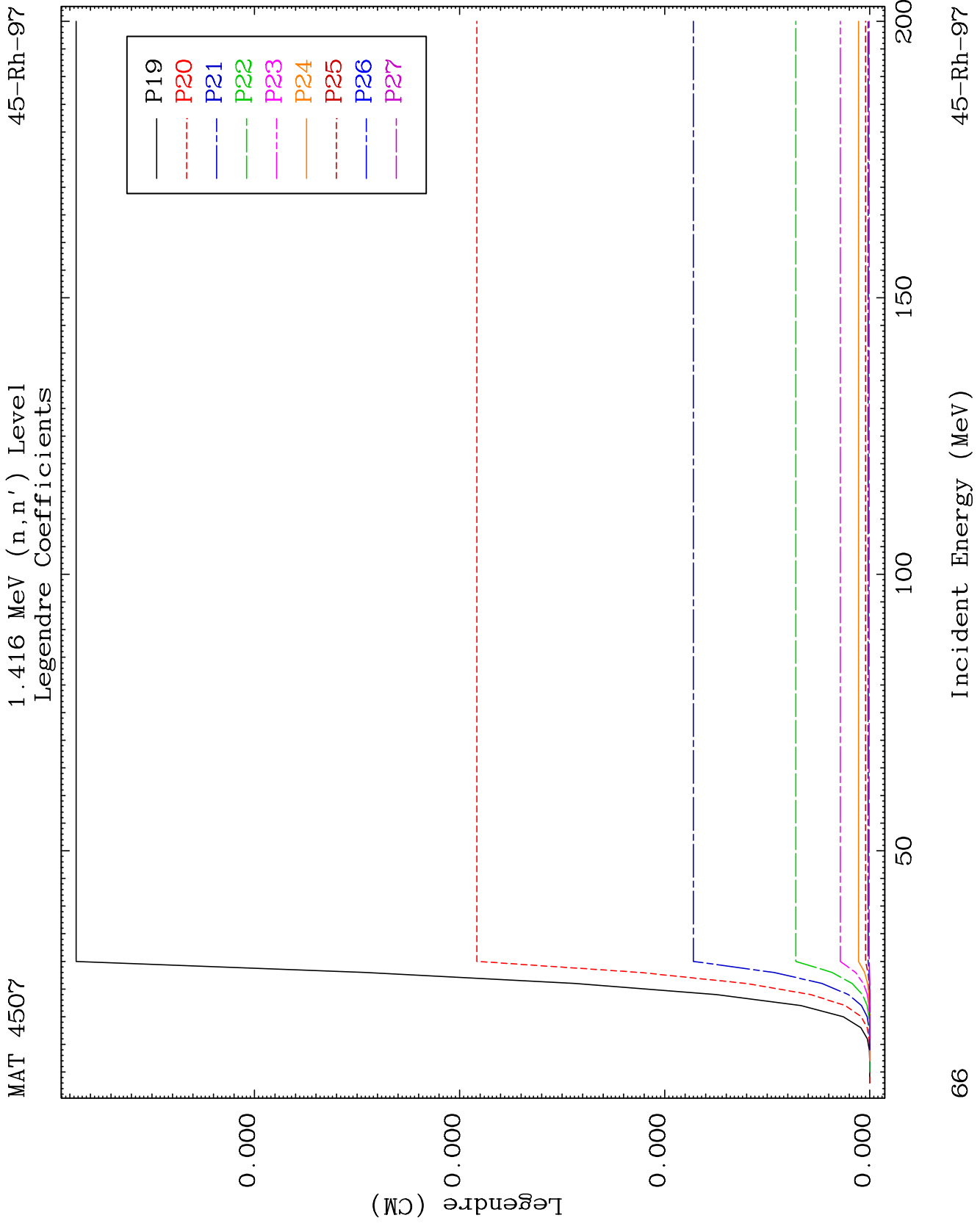
45-Rh-97

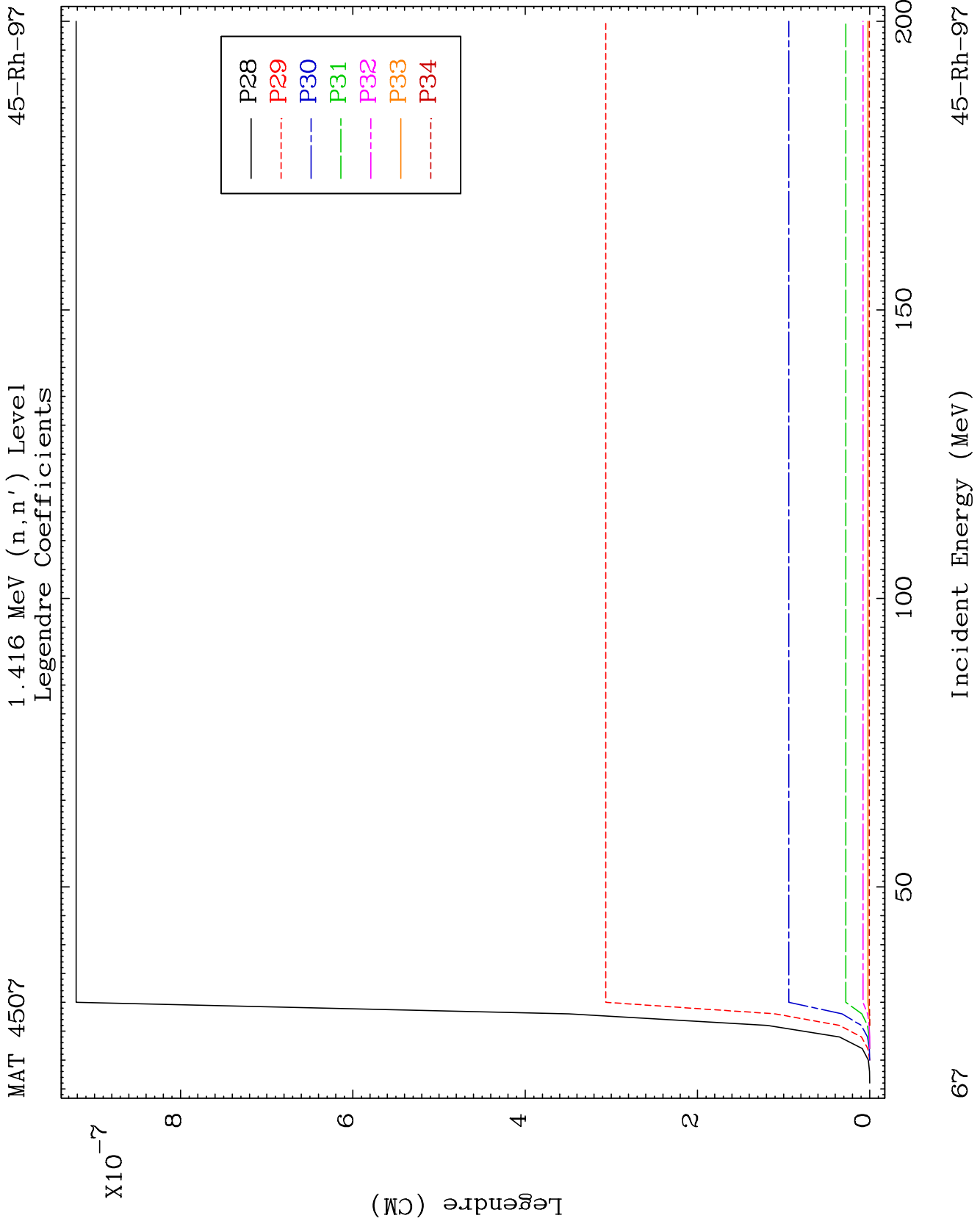


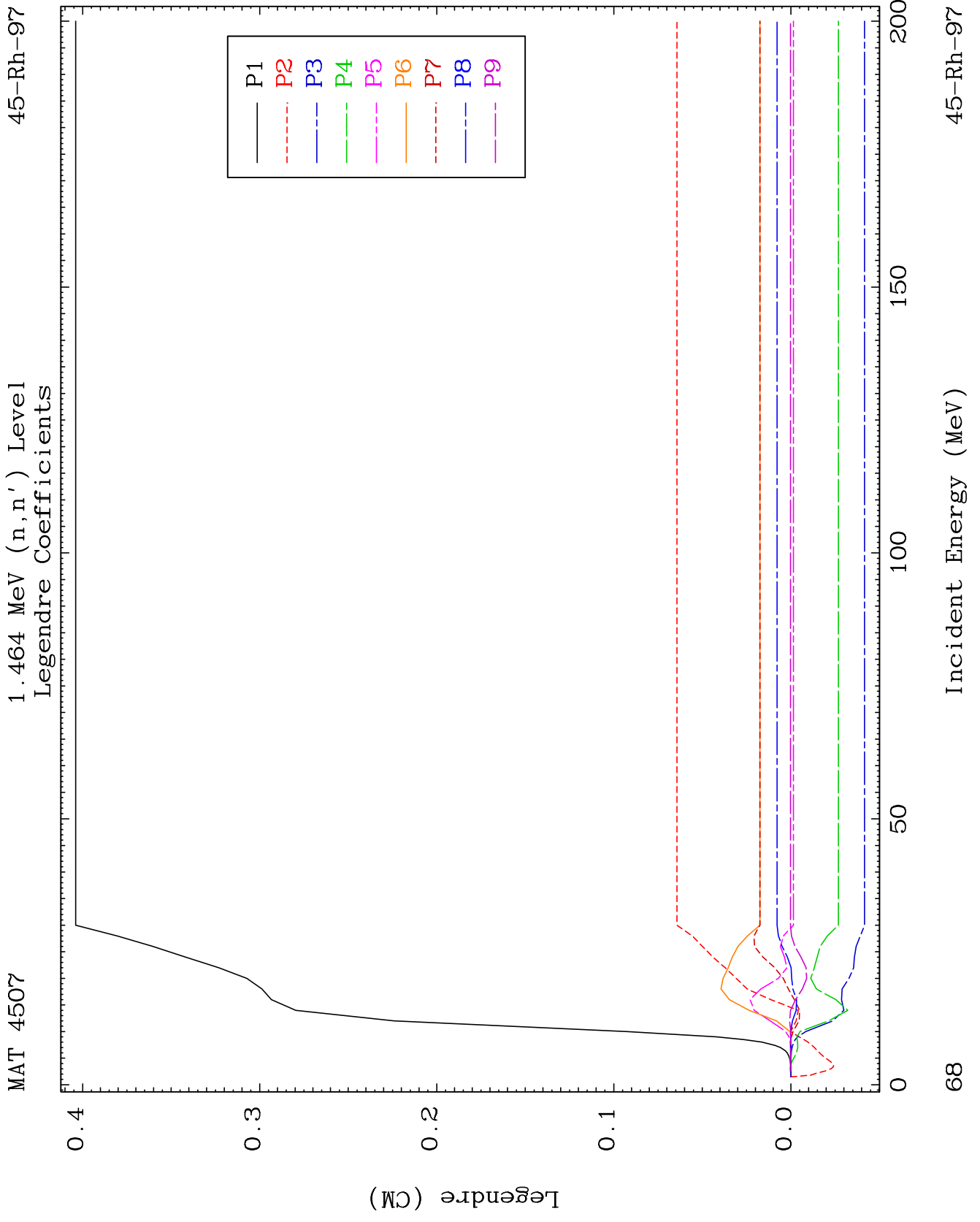


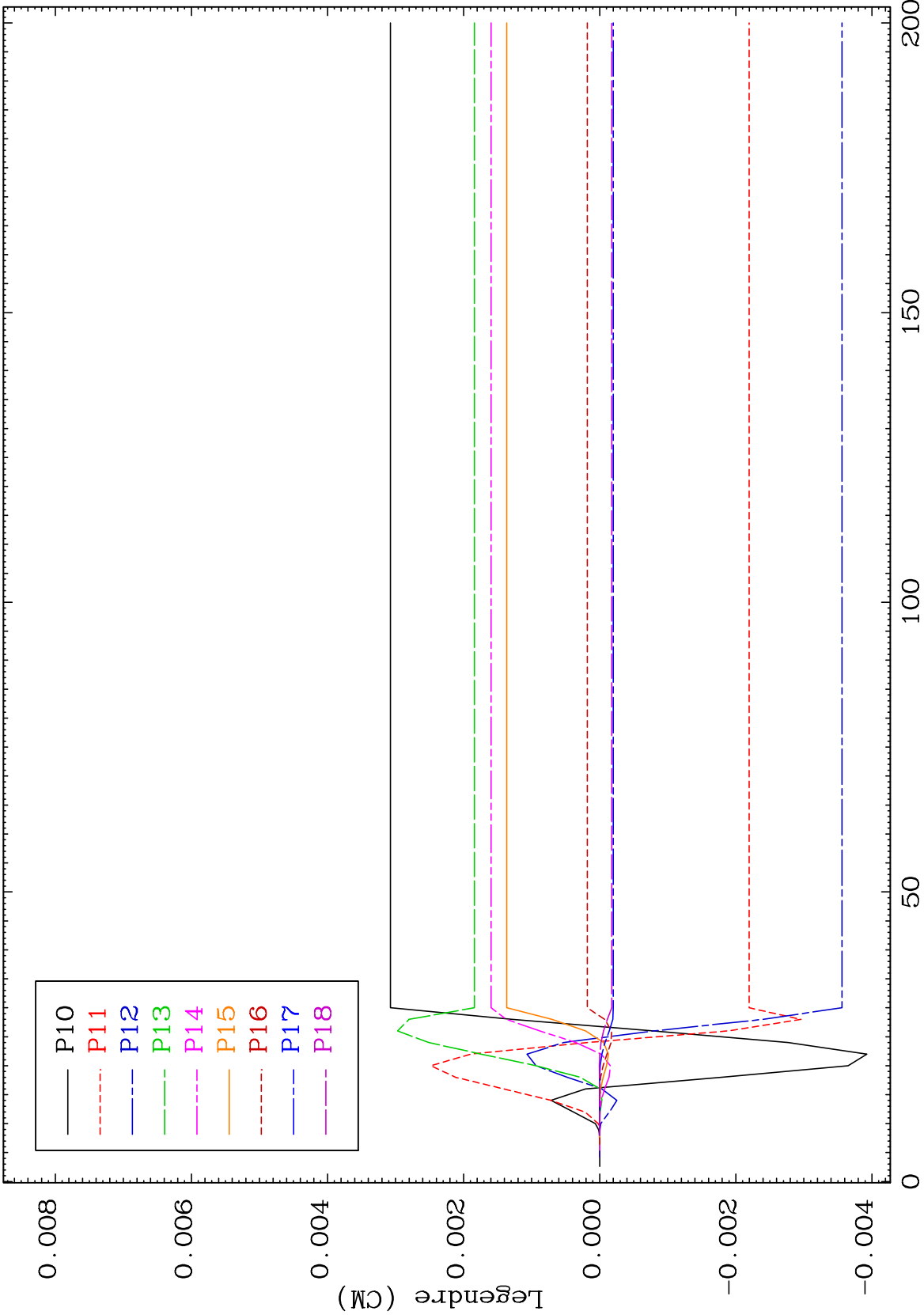


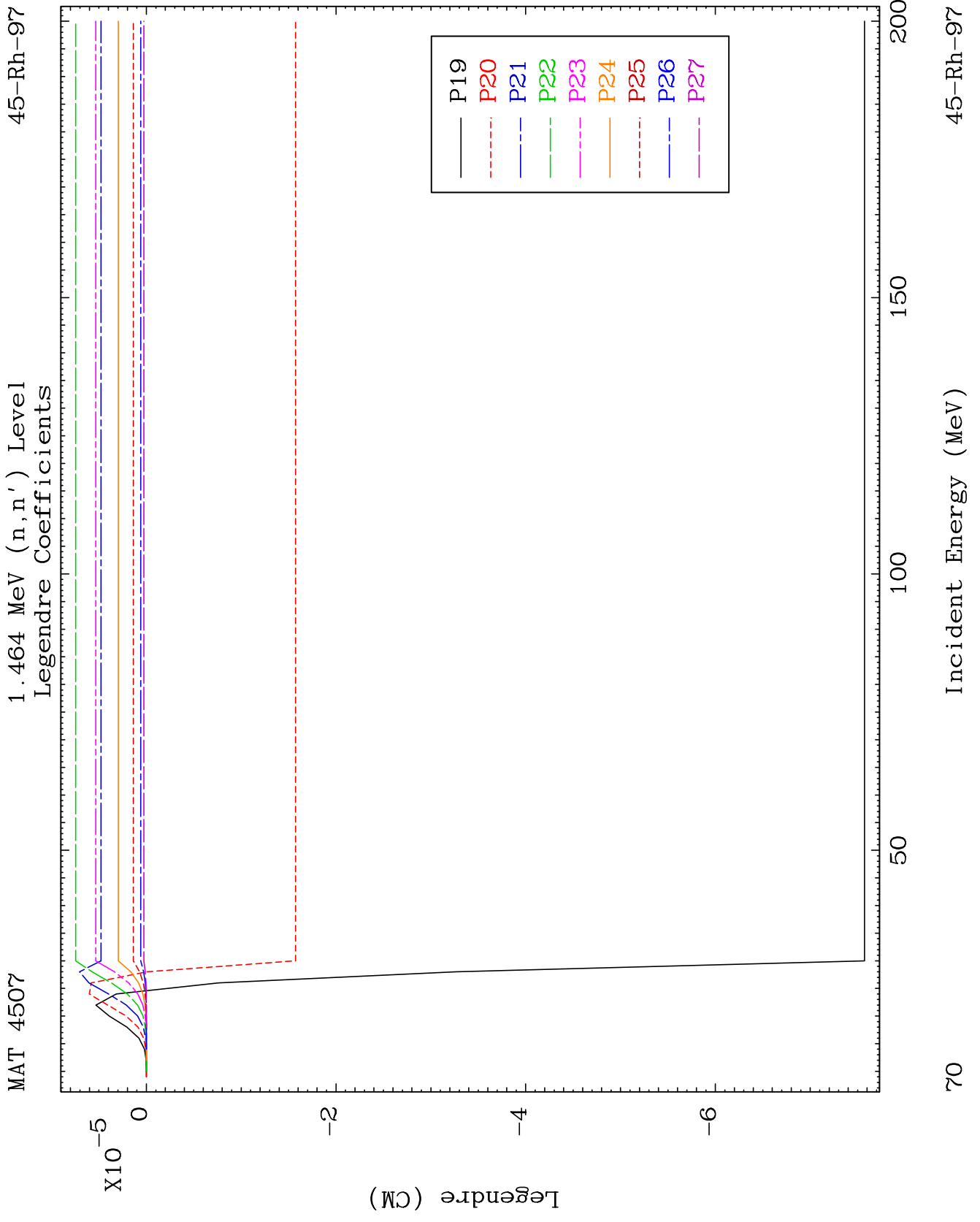








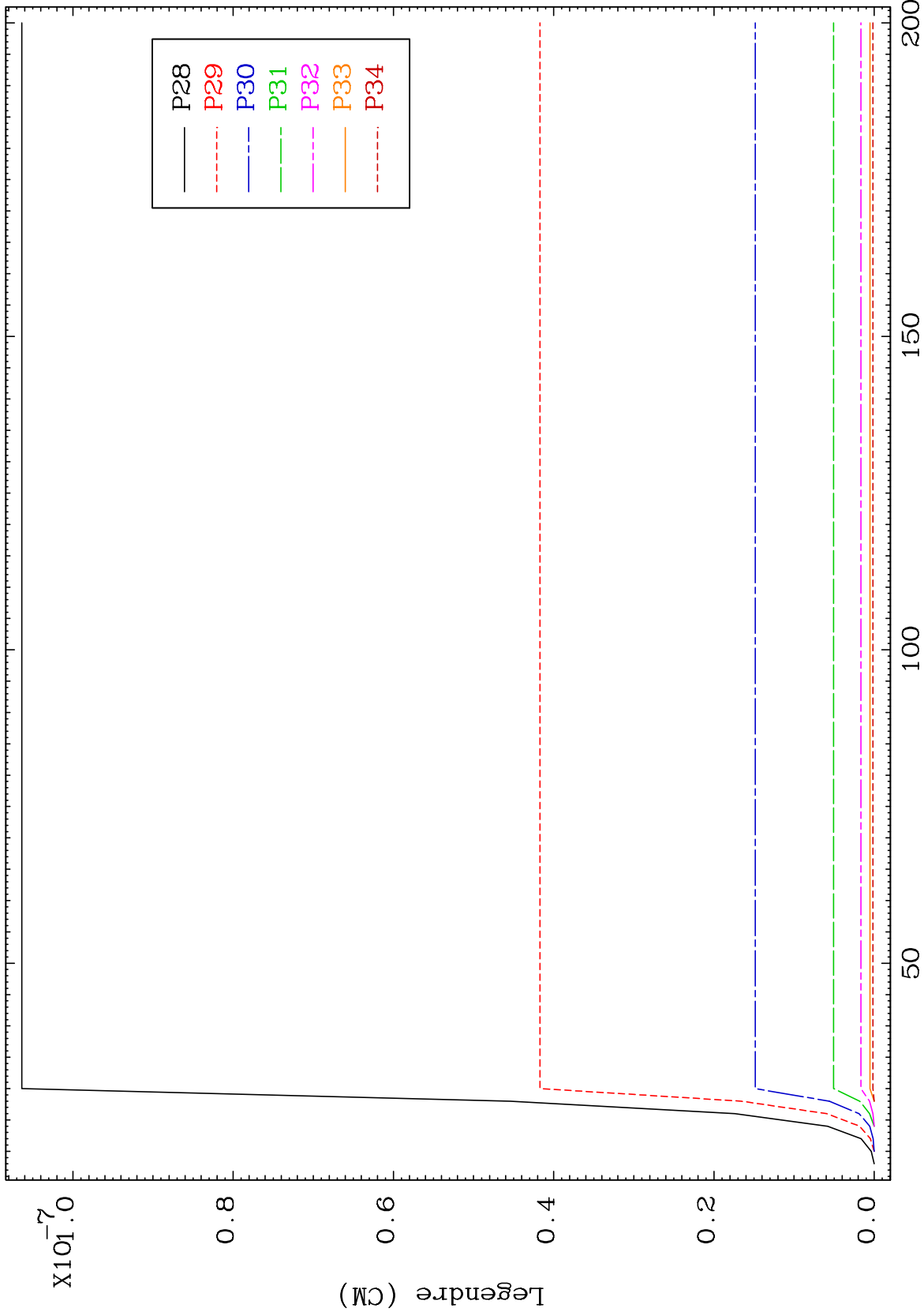




MAT 4507

1.464 MeV (n,n') Level  
Legendre Coefficients

45-Rh-97



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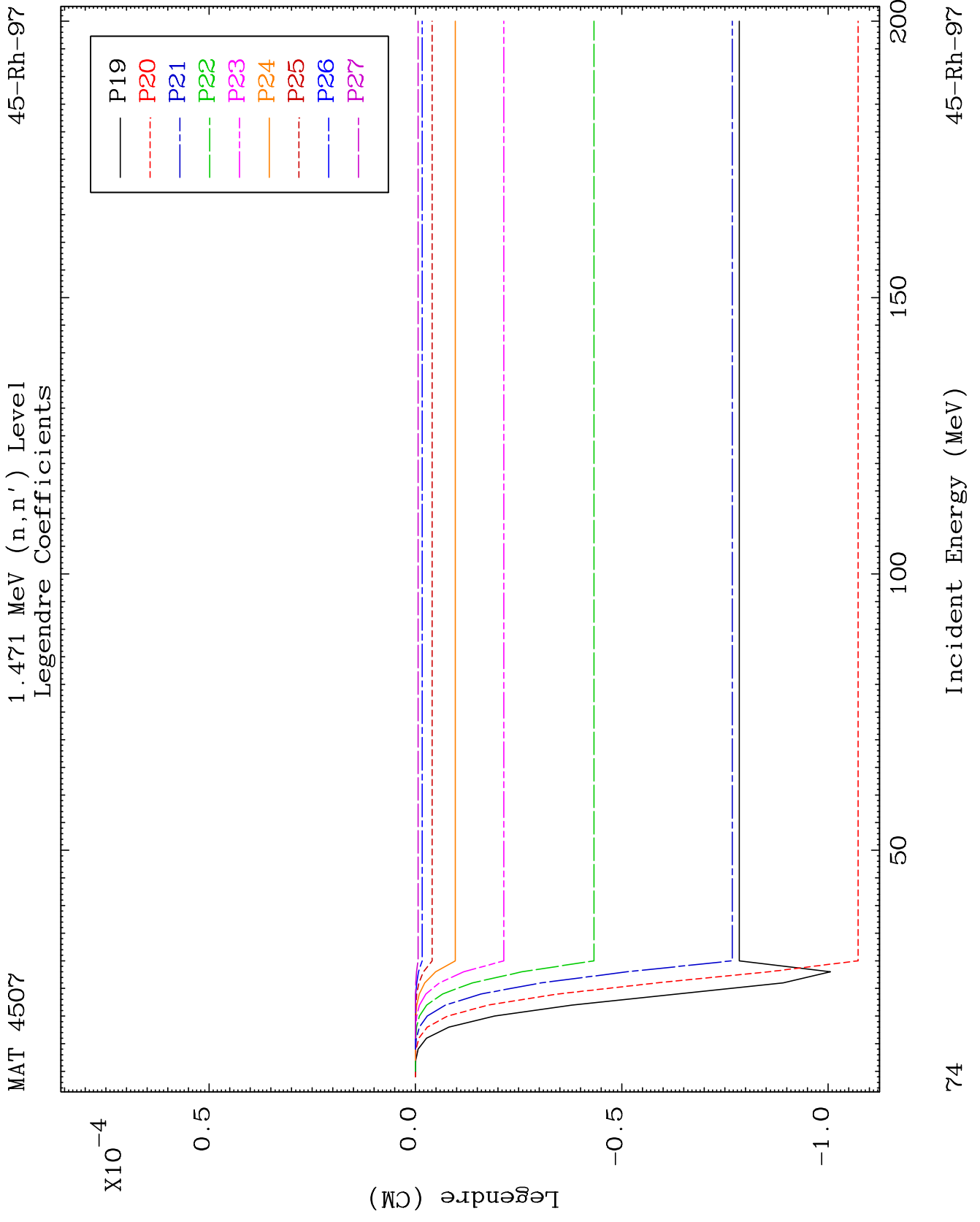
Incident Energy (MeV)

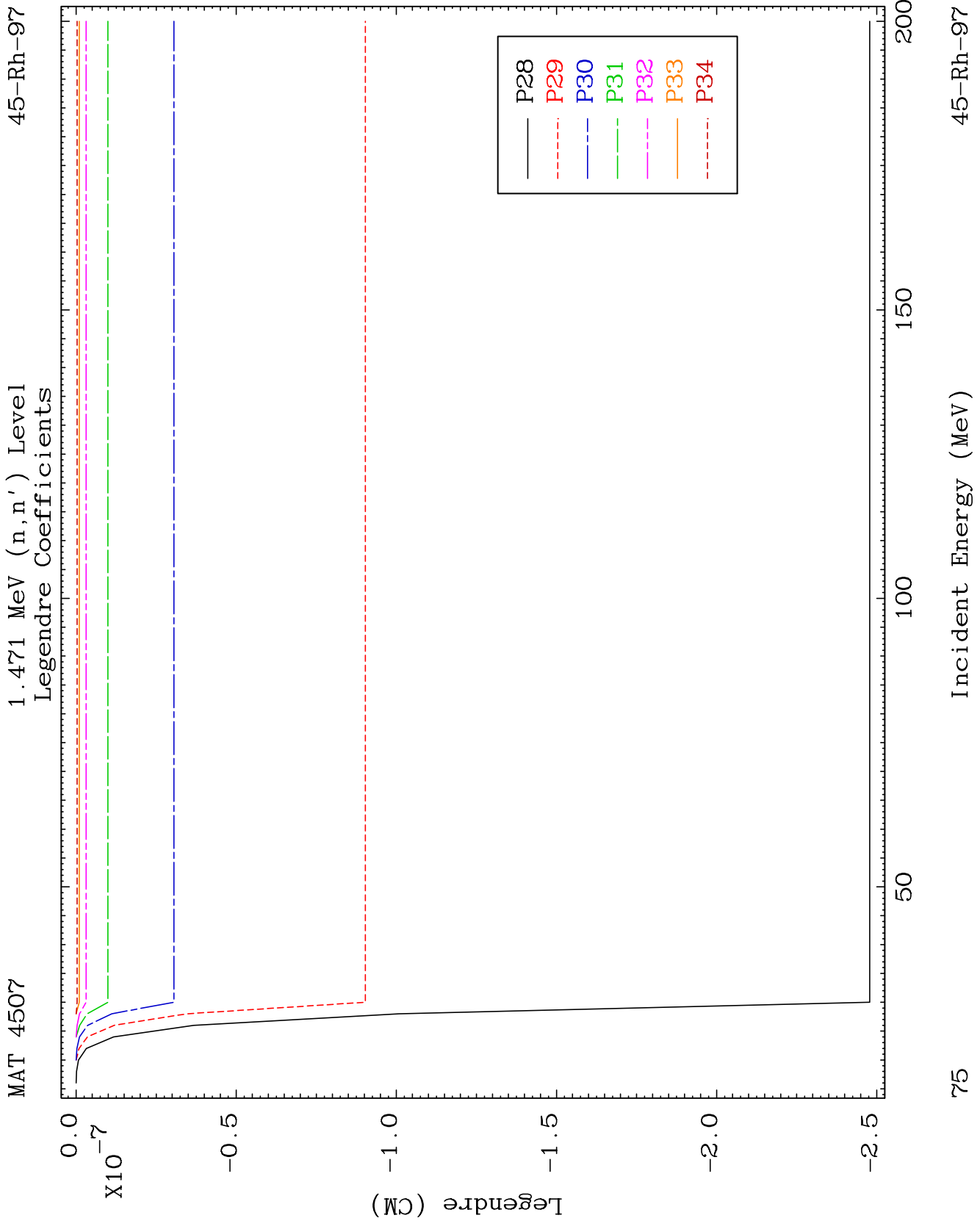
45-Rh-97

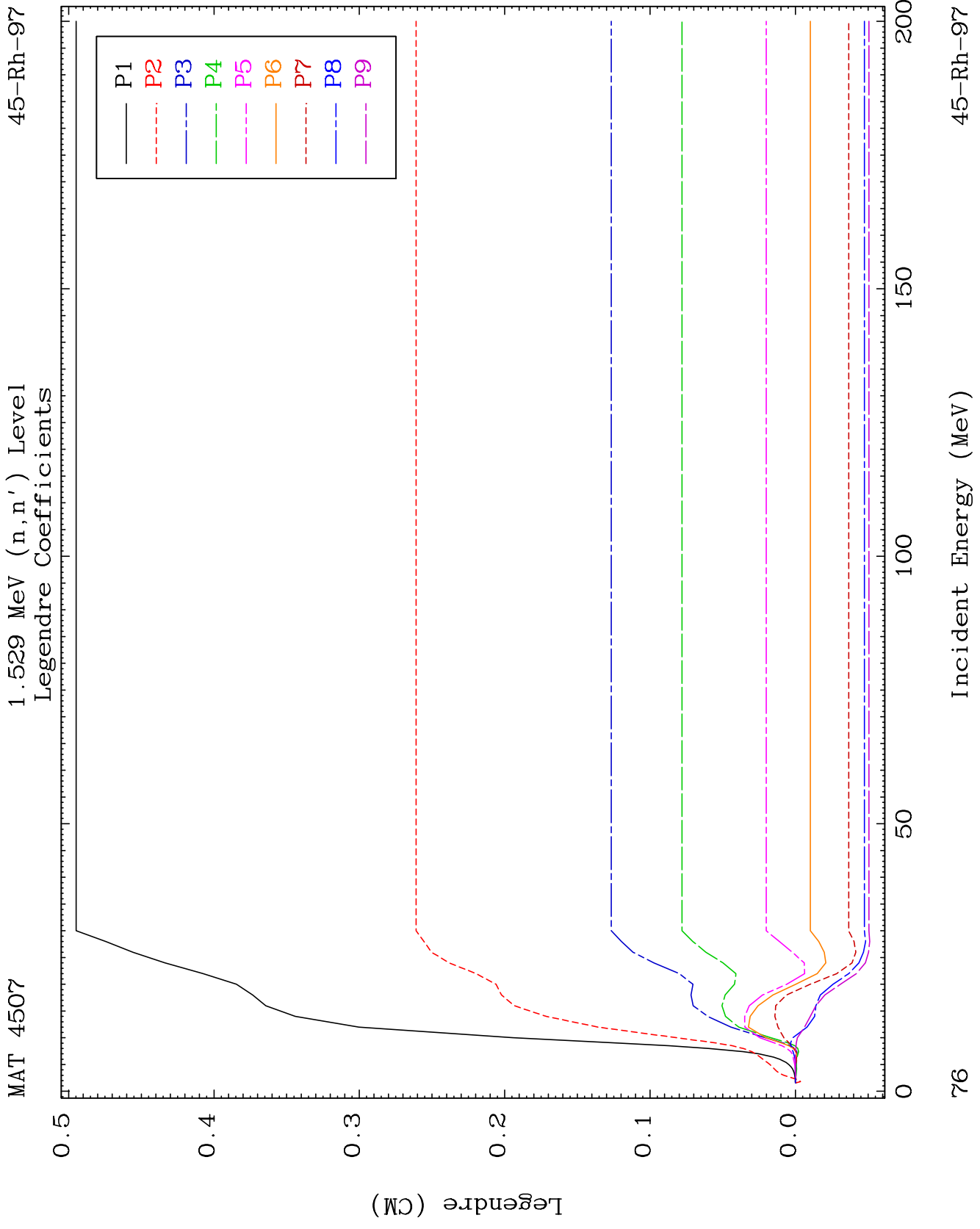








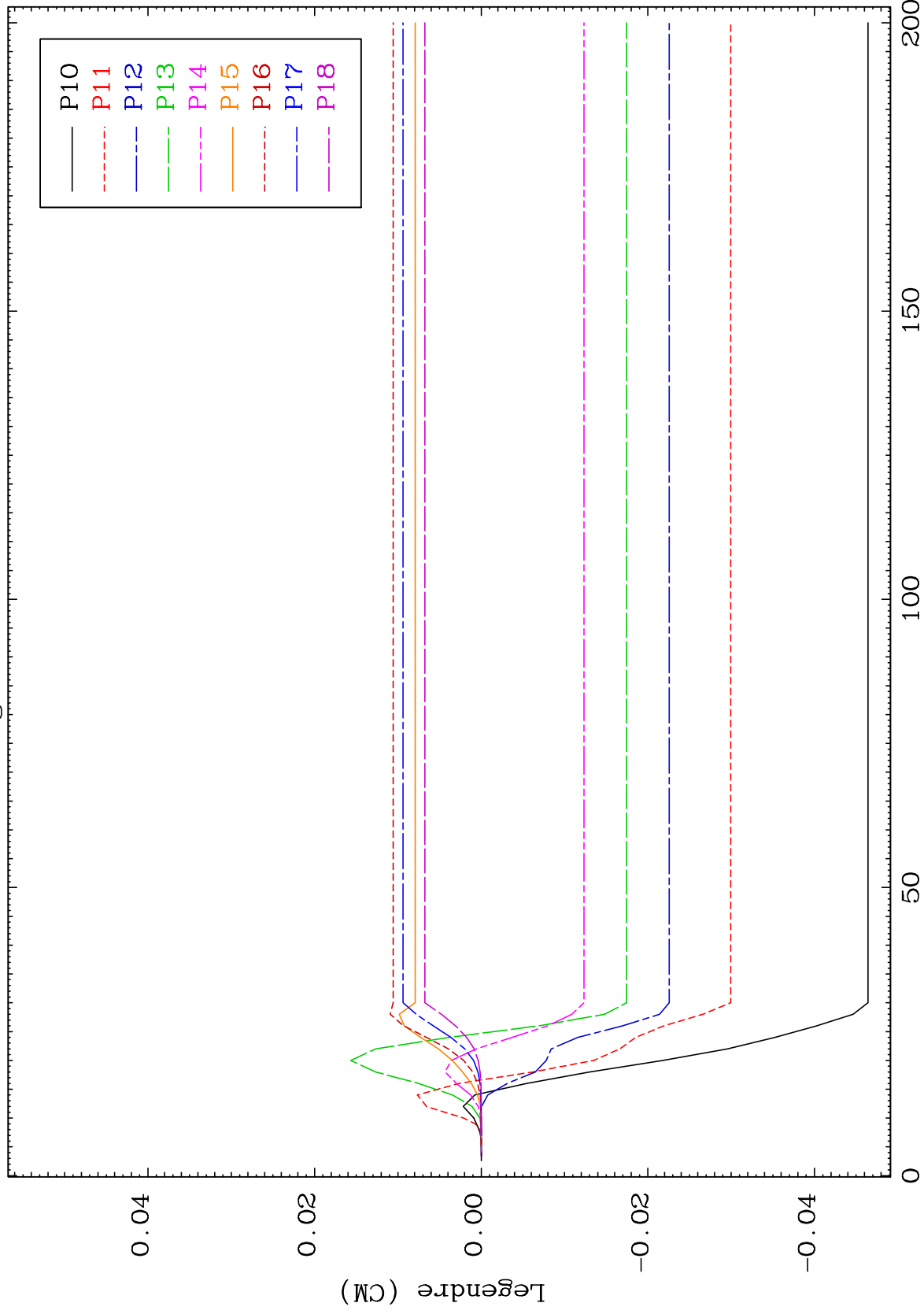




MAT 4507

1.529 MeV (n,n') Level  
Legendre Coefficients

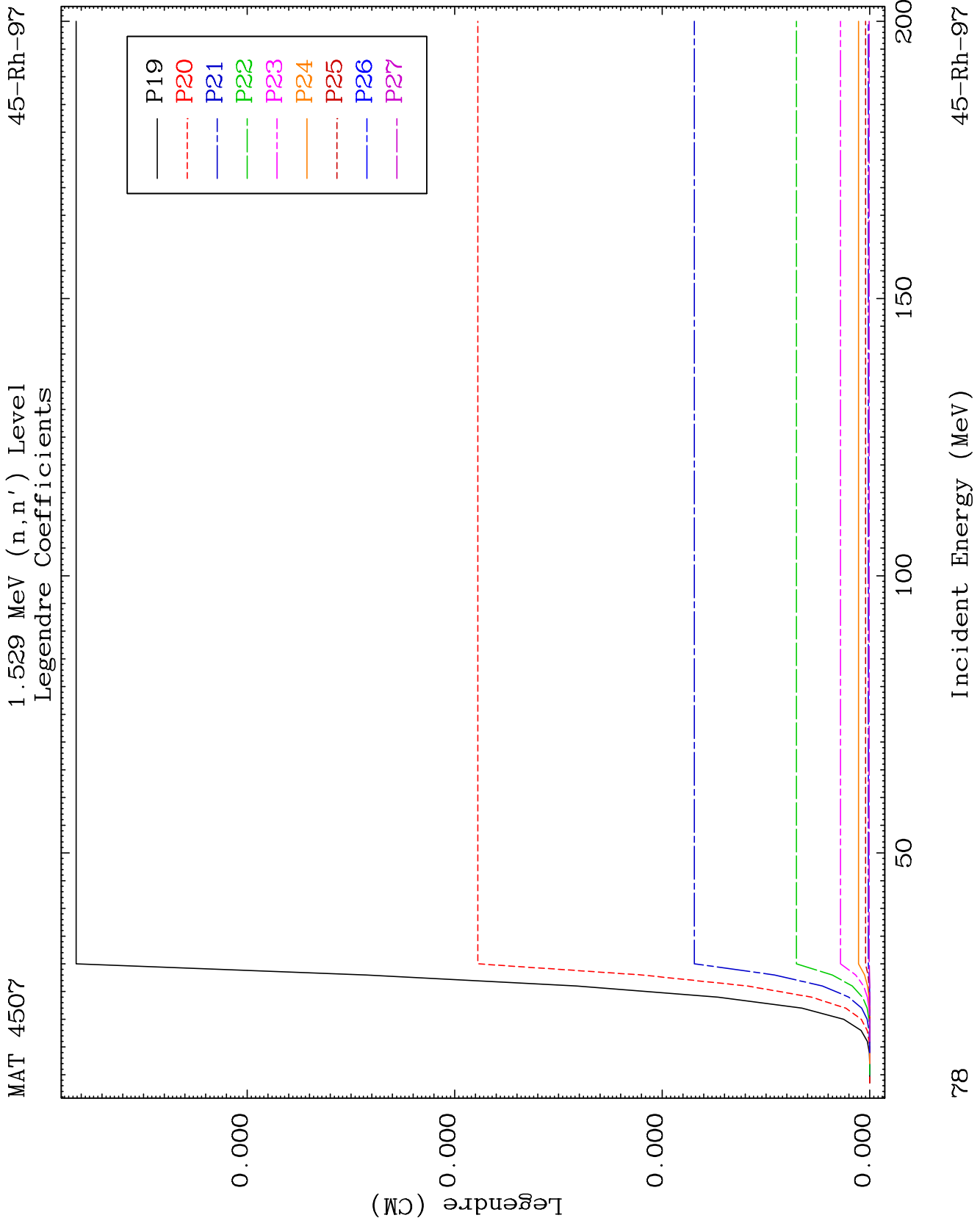
45-Rh-97

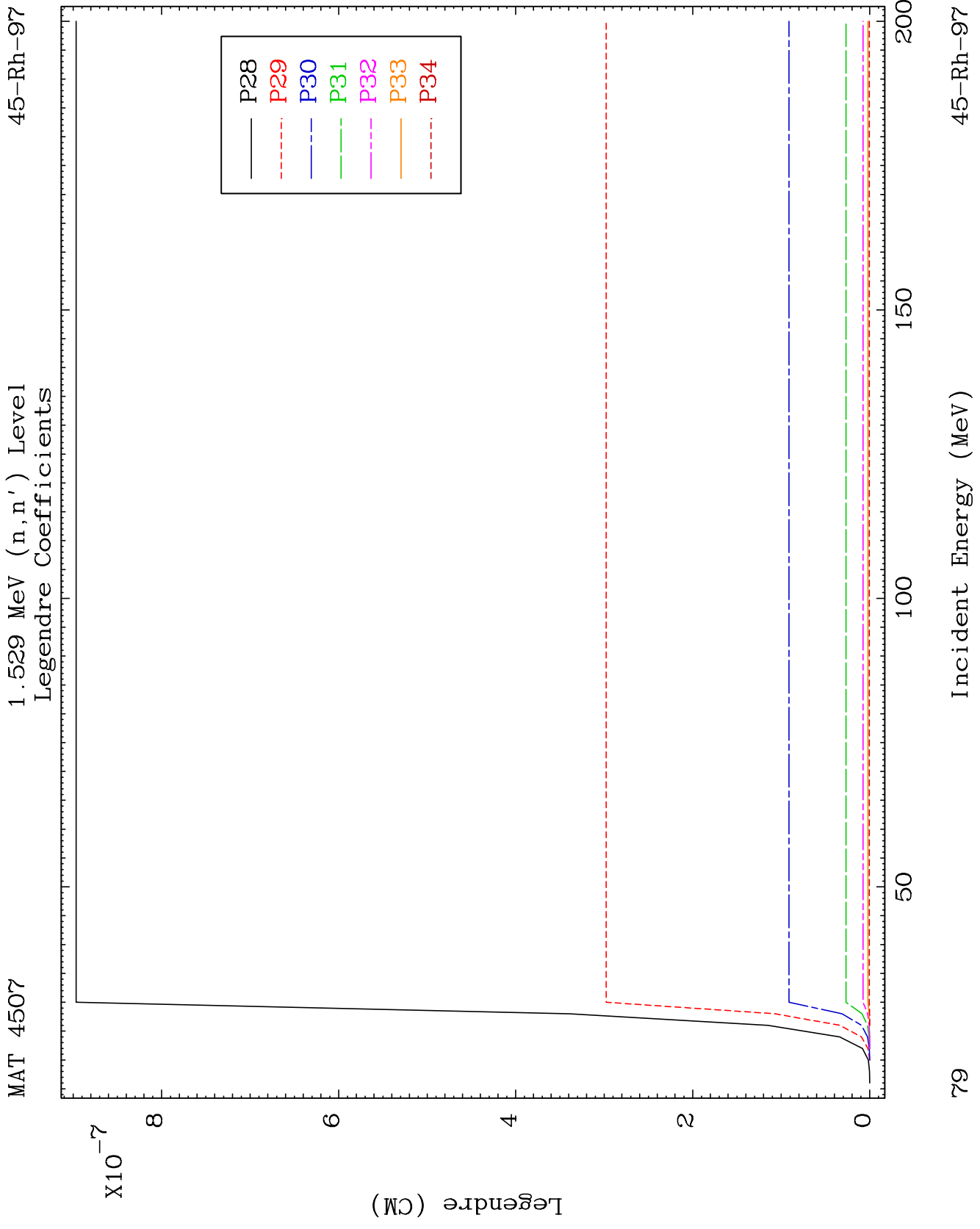


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Incident Energy (MeV)

45-Rh-97



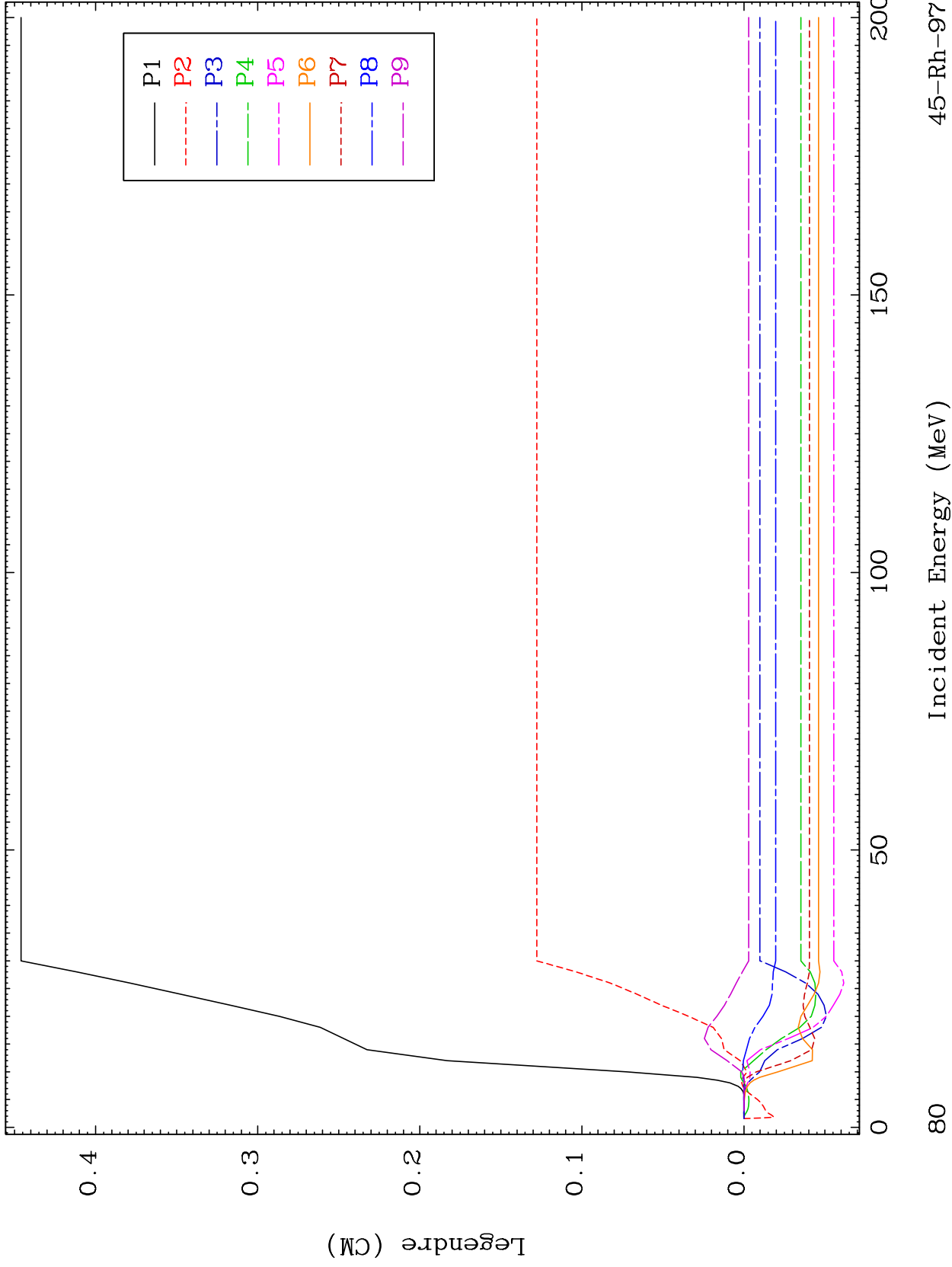




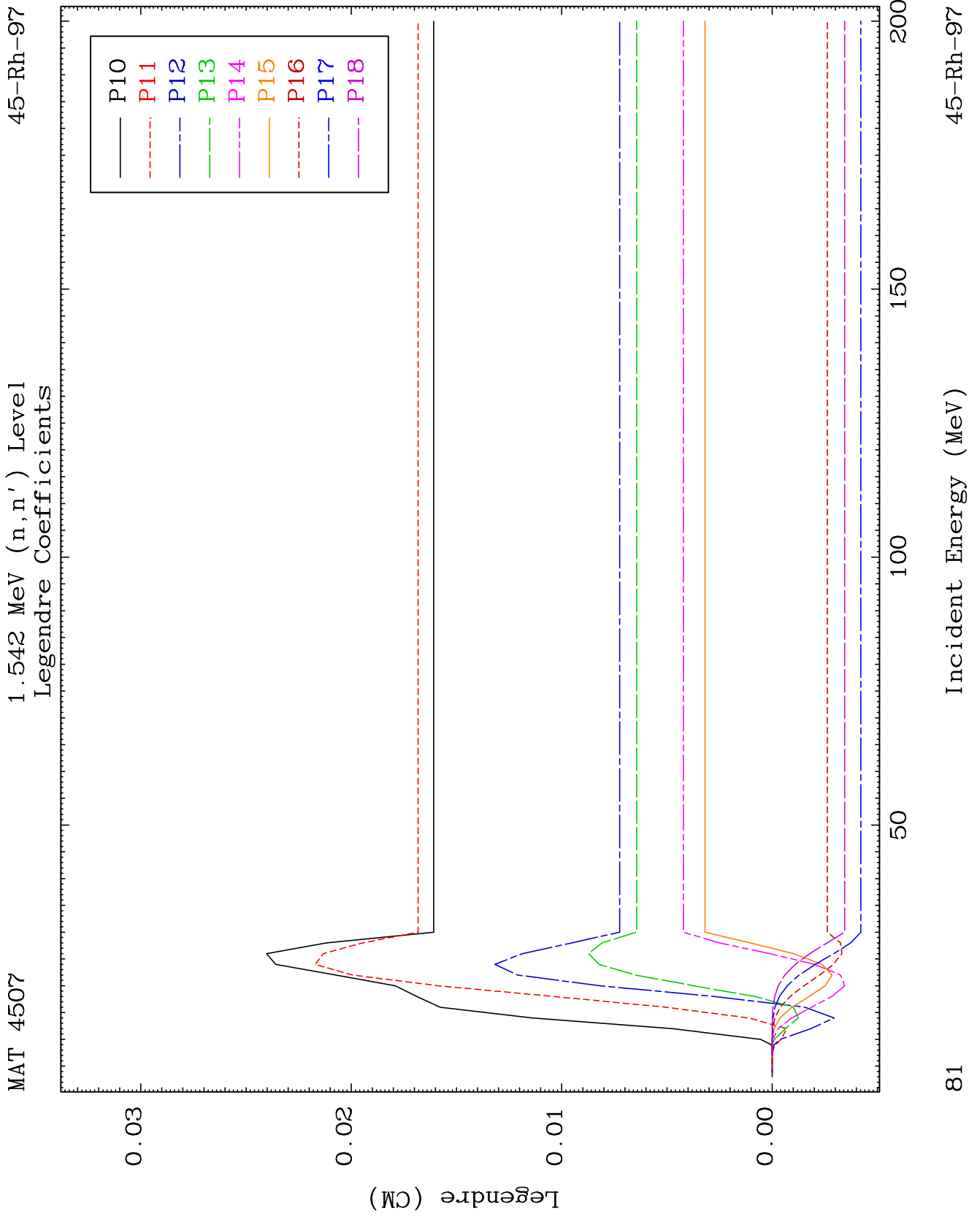
MAT 4507

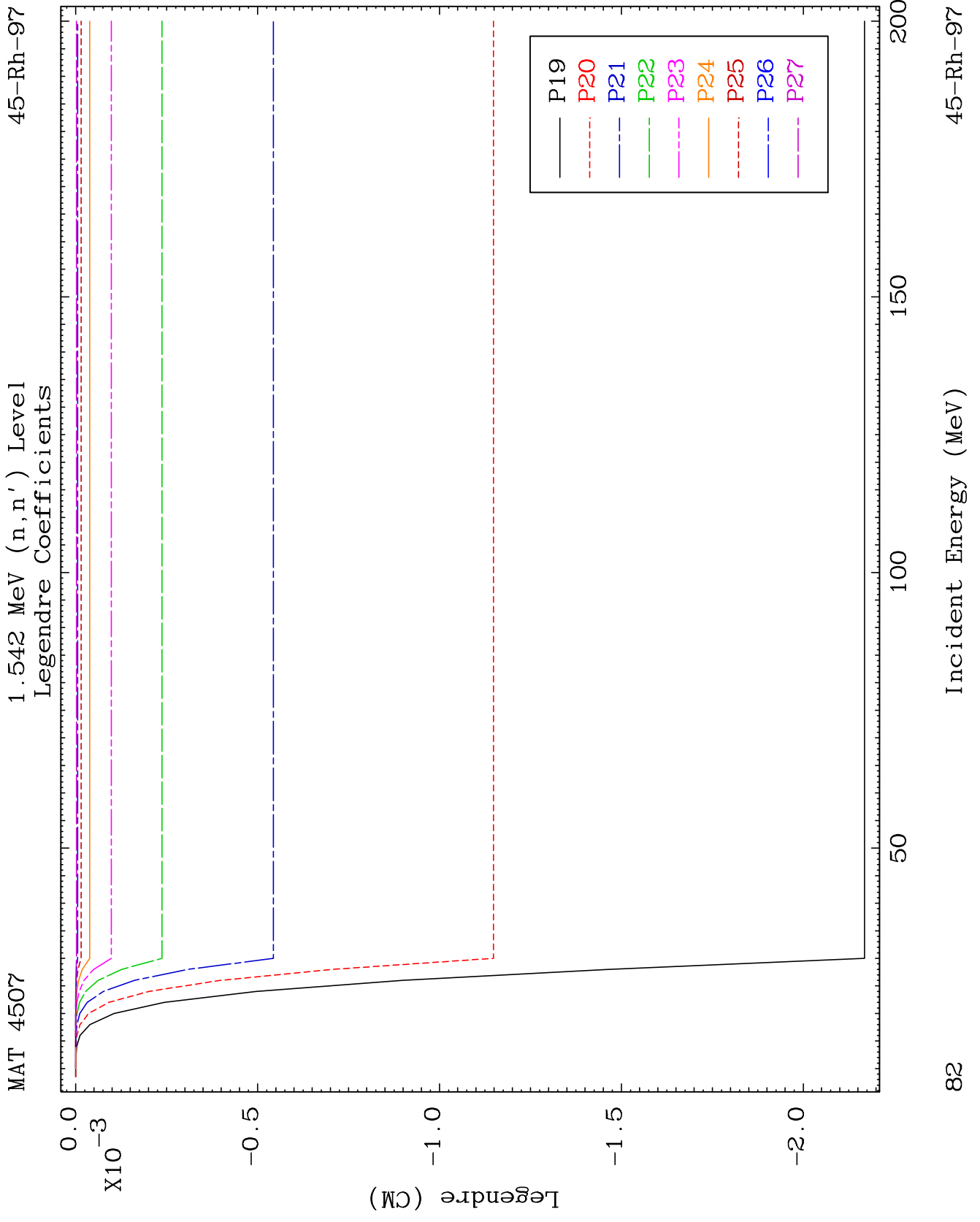
1.542 MeV (n,n') Level  
Legendre Coefficients

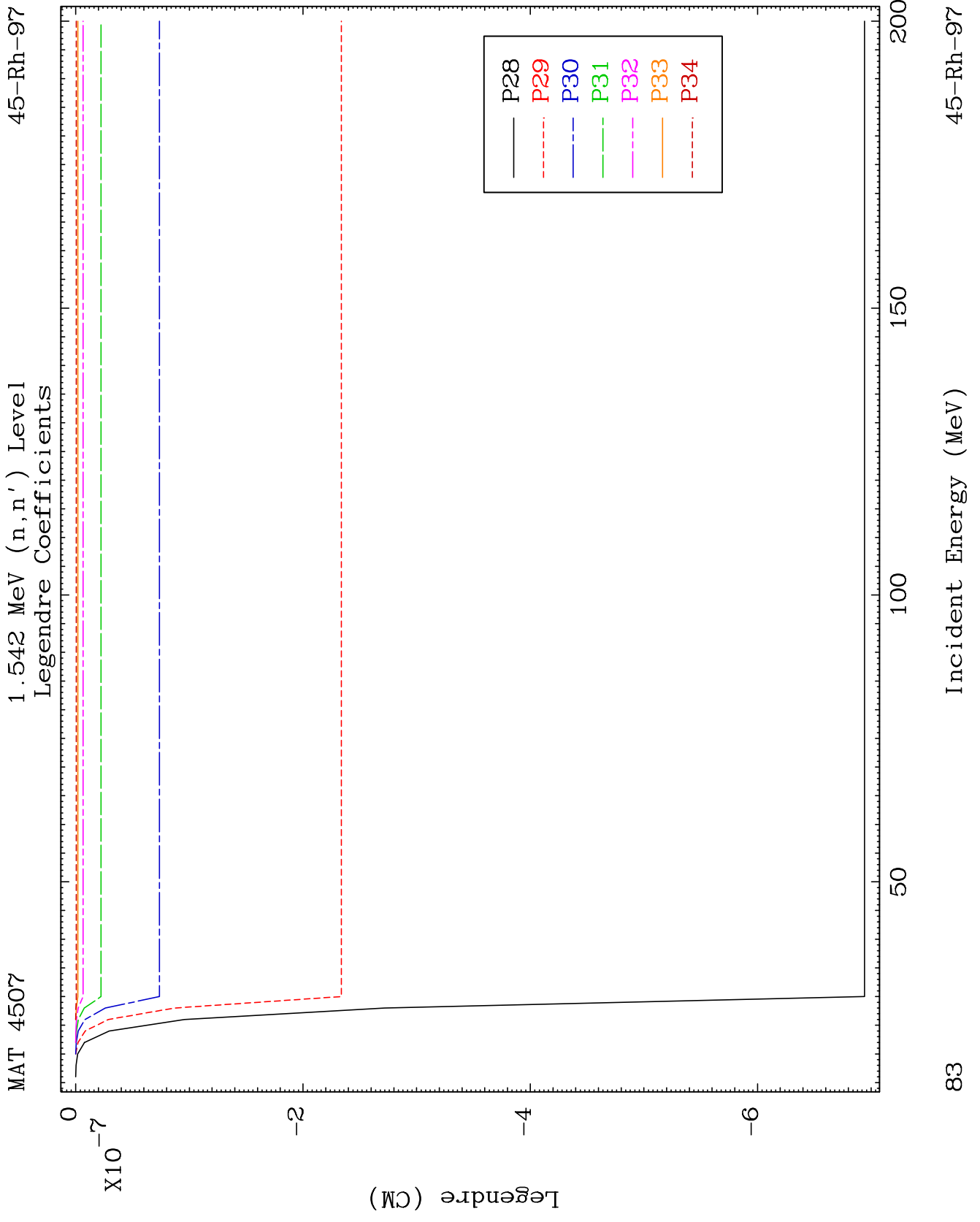
45-Rh-97



45-Rh-97



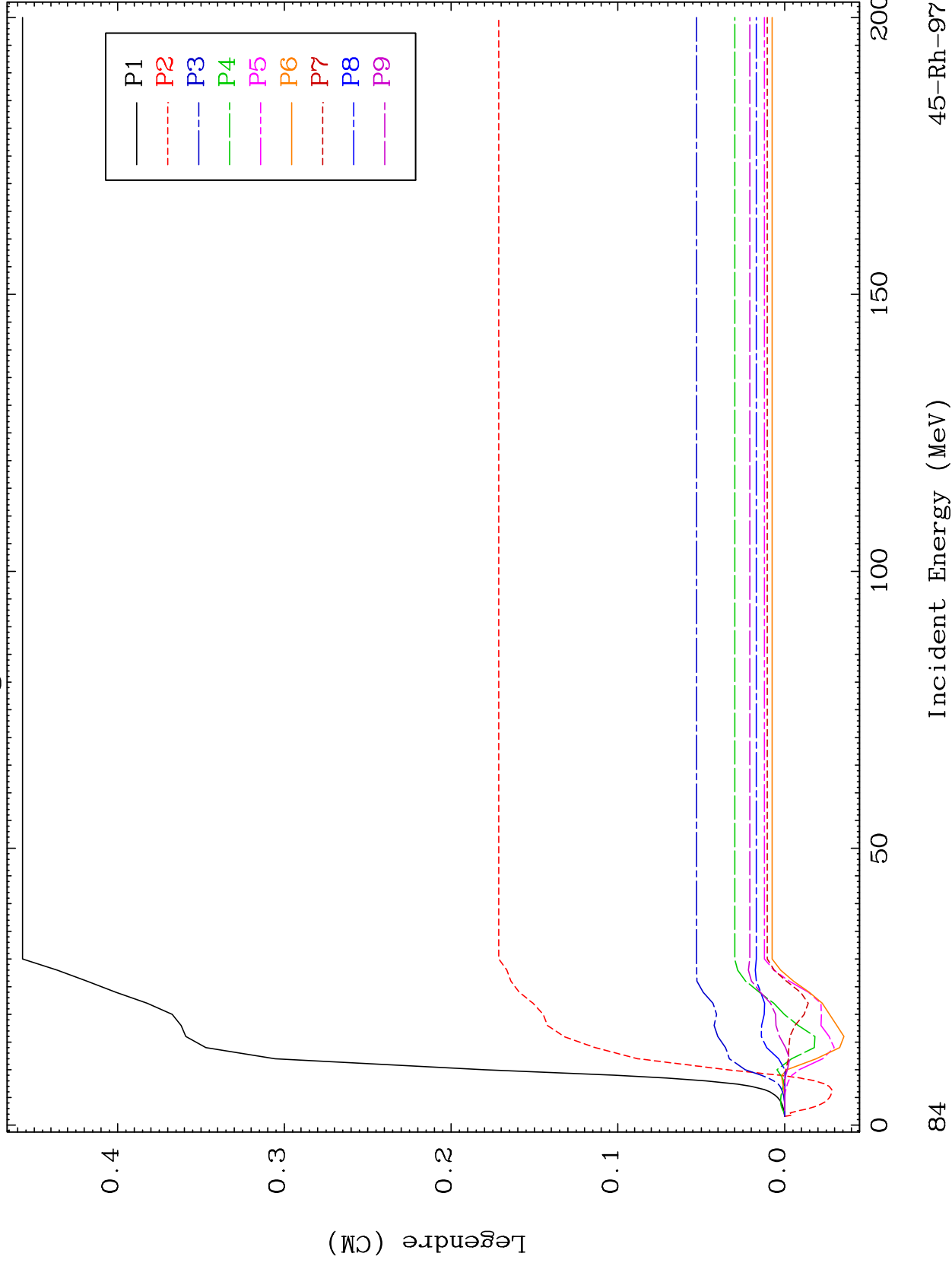




MAT 4507

1.553 MeV (n,n') Level  
Legendre Coefficients

45-Rh-97



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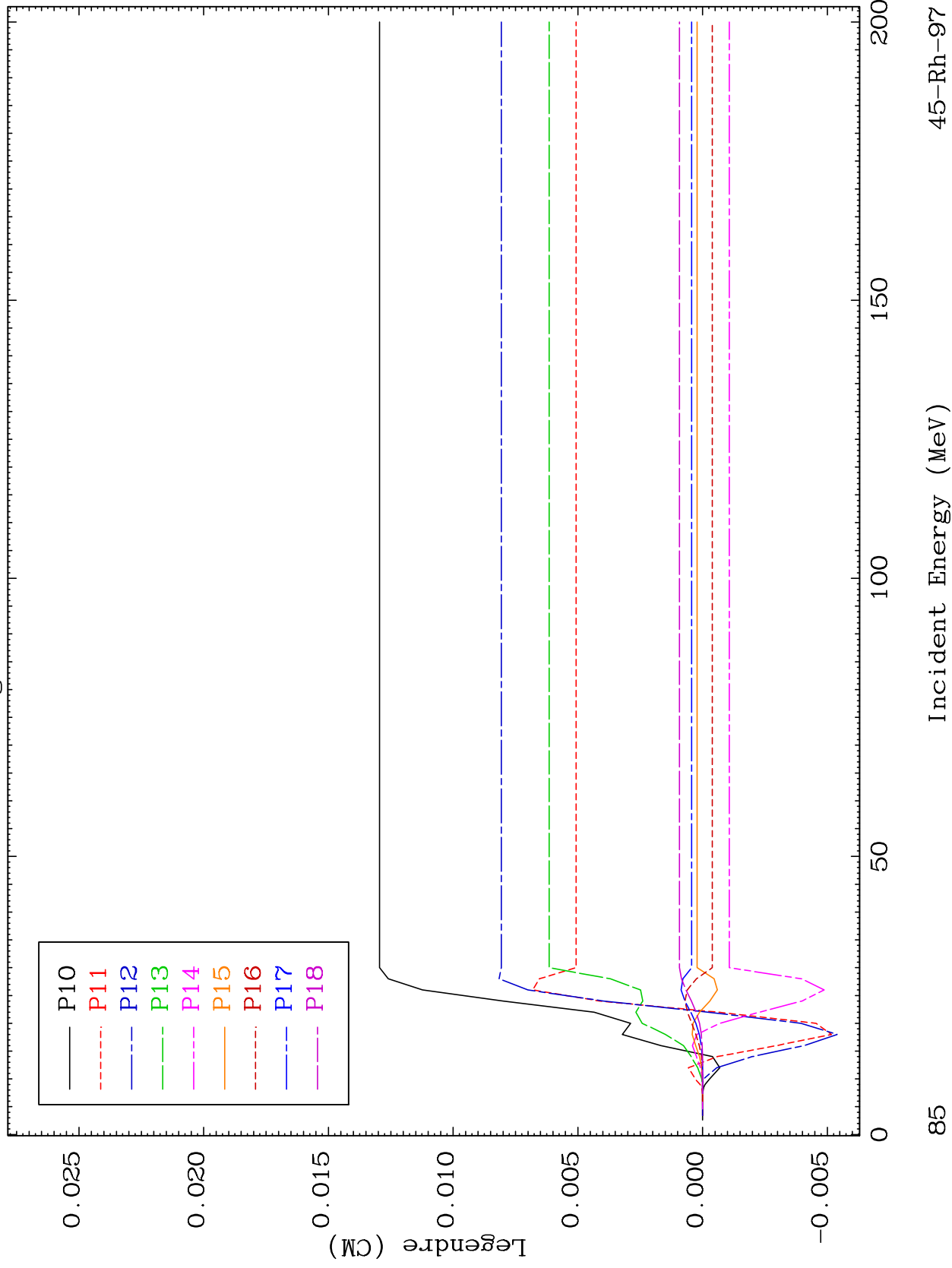
Incident Energy (MeV)

45-Rh-97

MAT 4507

1.553 MeV (n, n') Level  
Legendre Coefficients

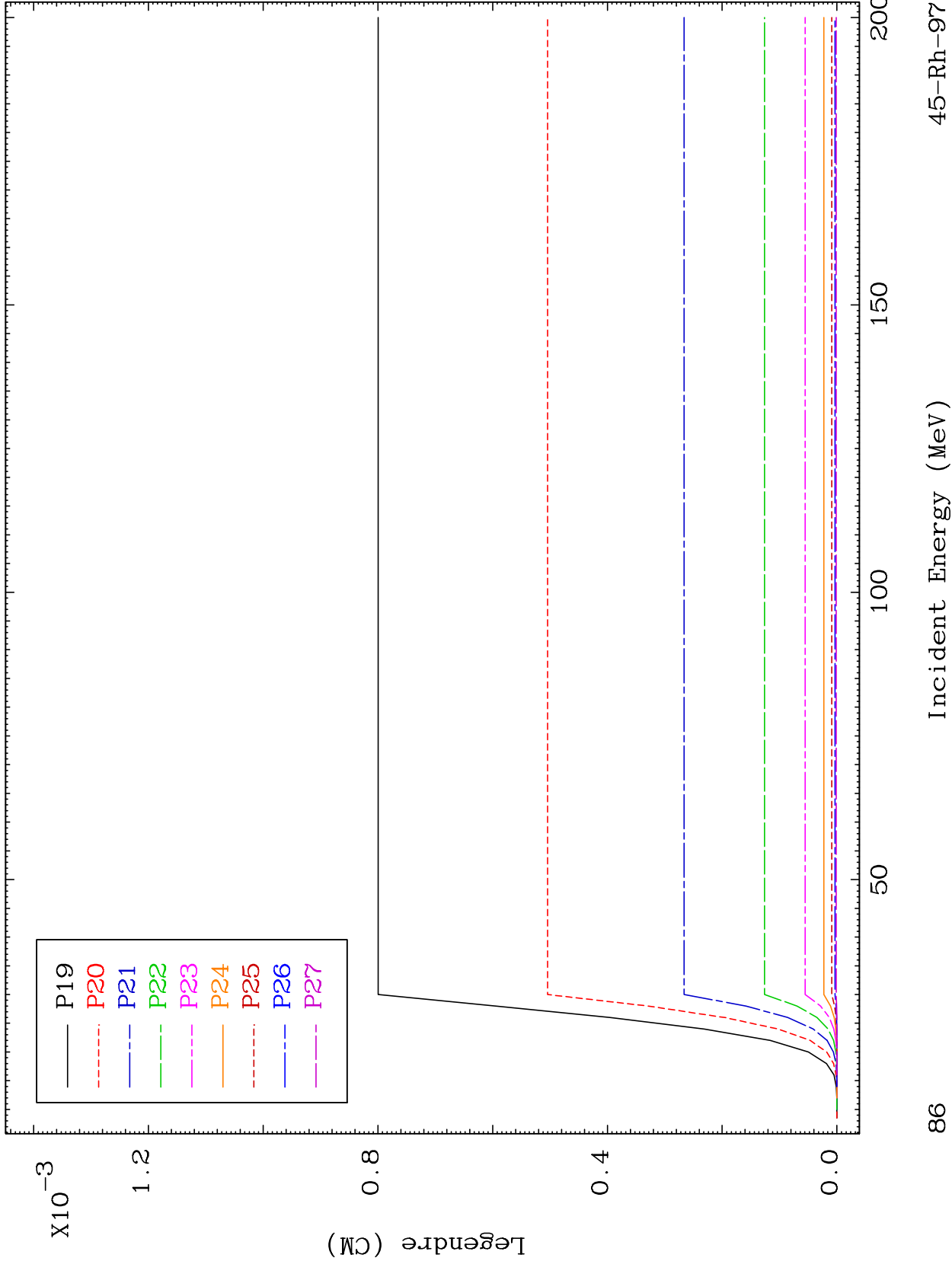
45-Rh-97



45-Rh-97

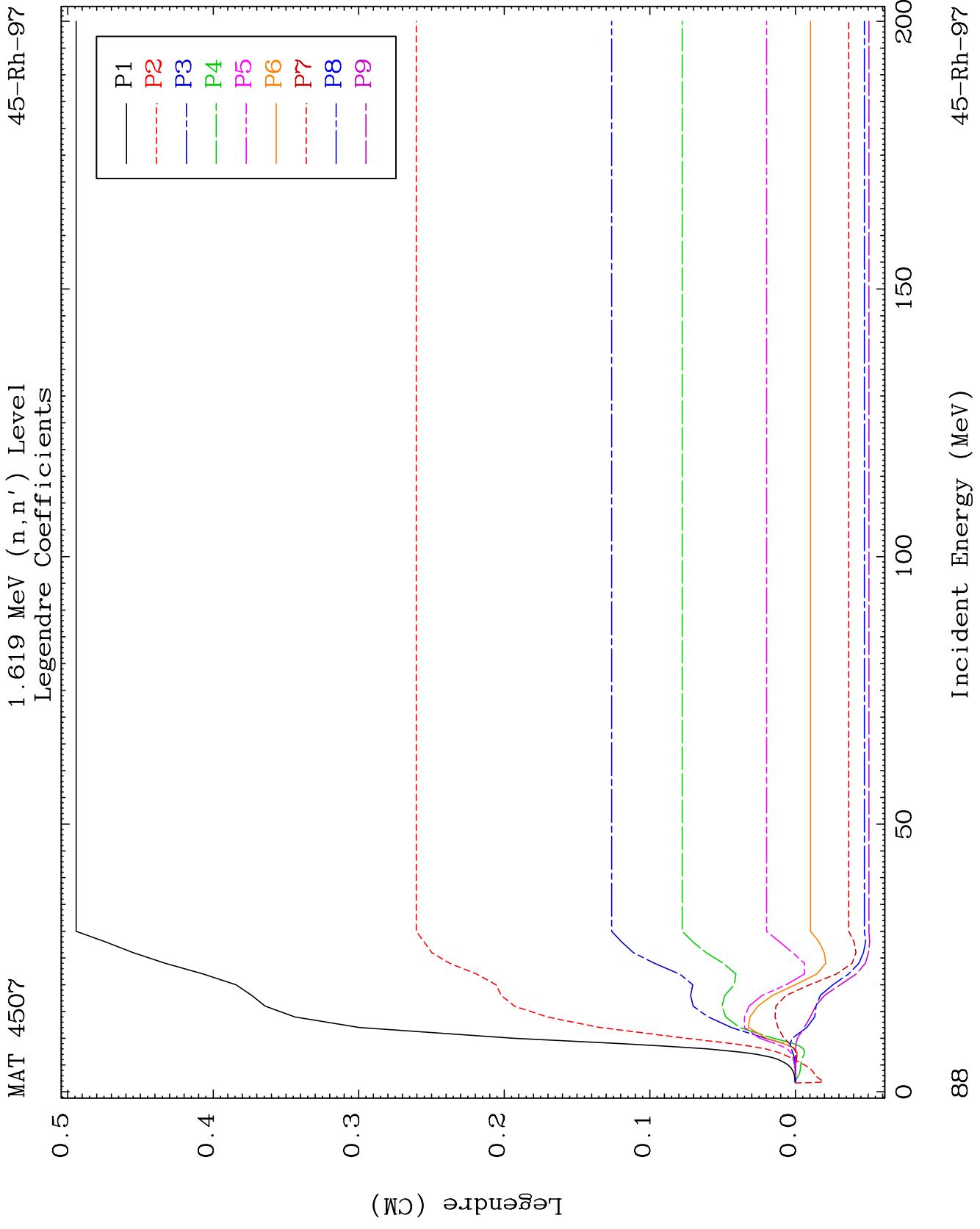
Incident Energy (MeV)

85





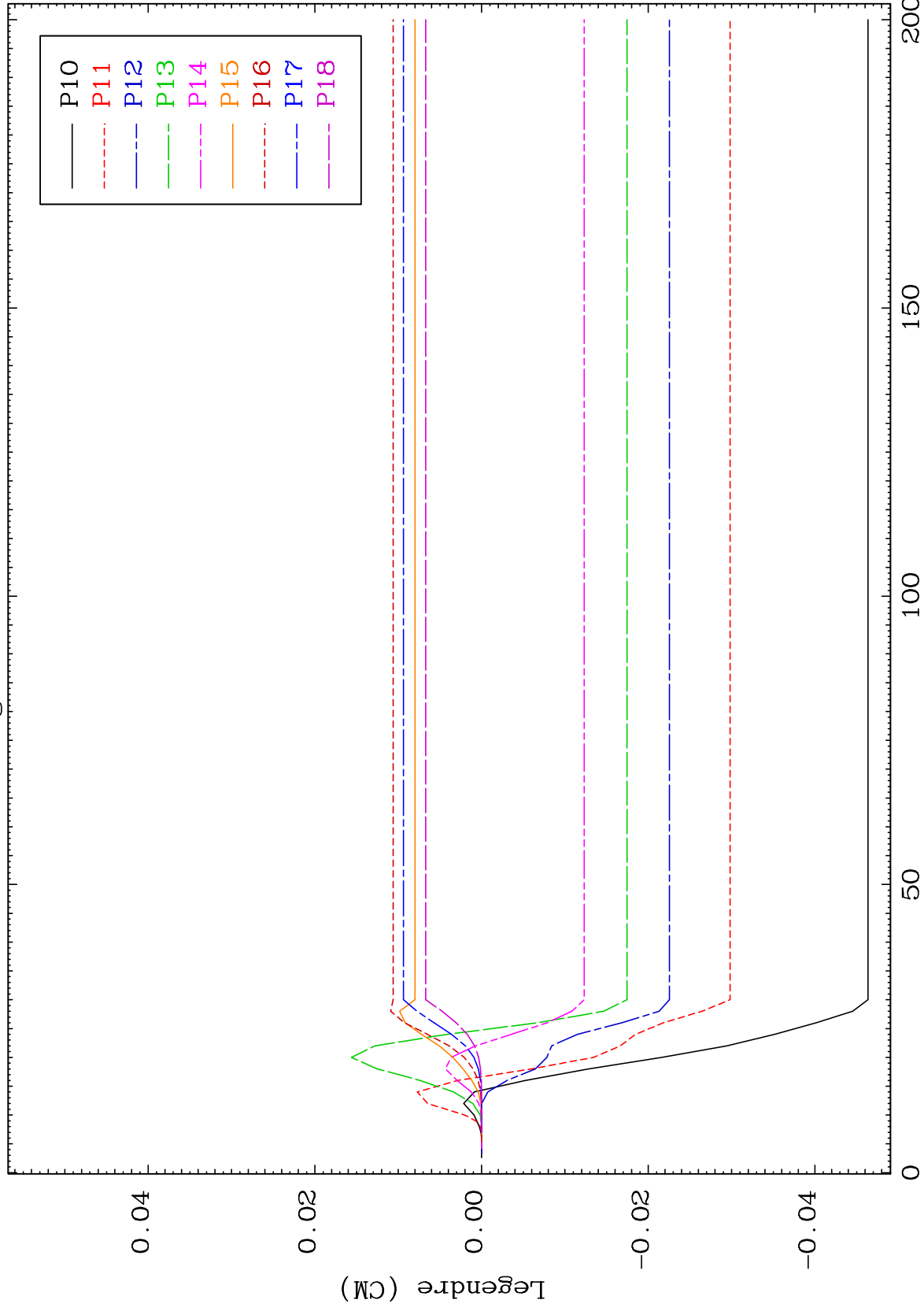




MAT 4507

1.619 MeV (n,n') Level  
Legendre Coefficients

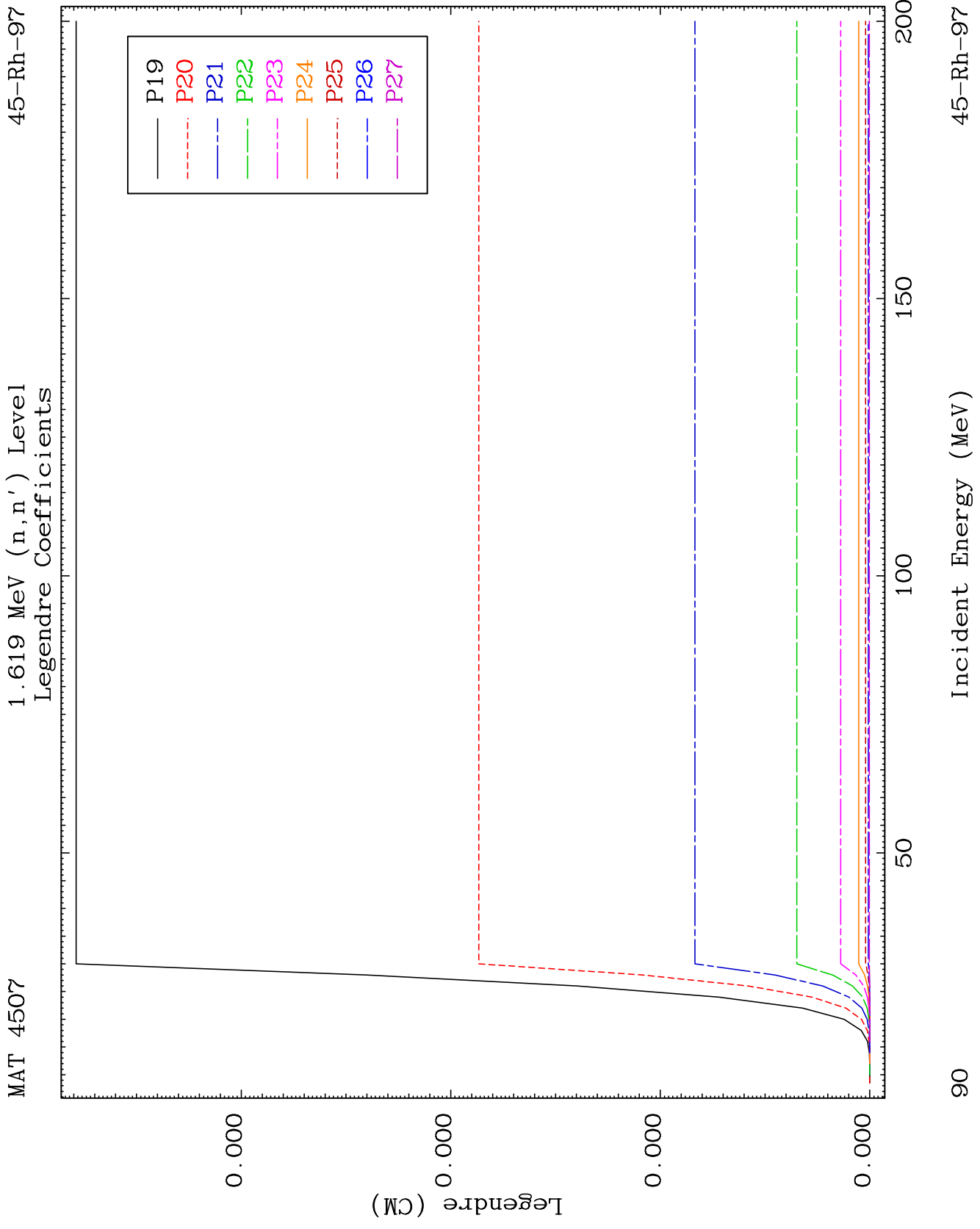
45-Rh-97



89

Incident Energy (MeV)

45-Rh-97

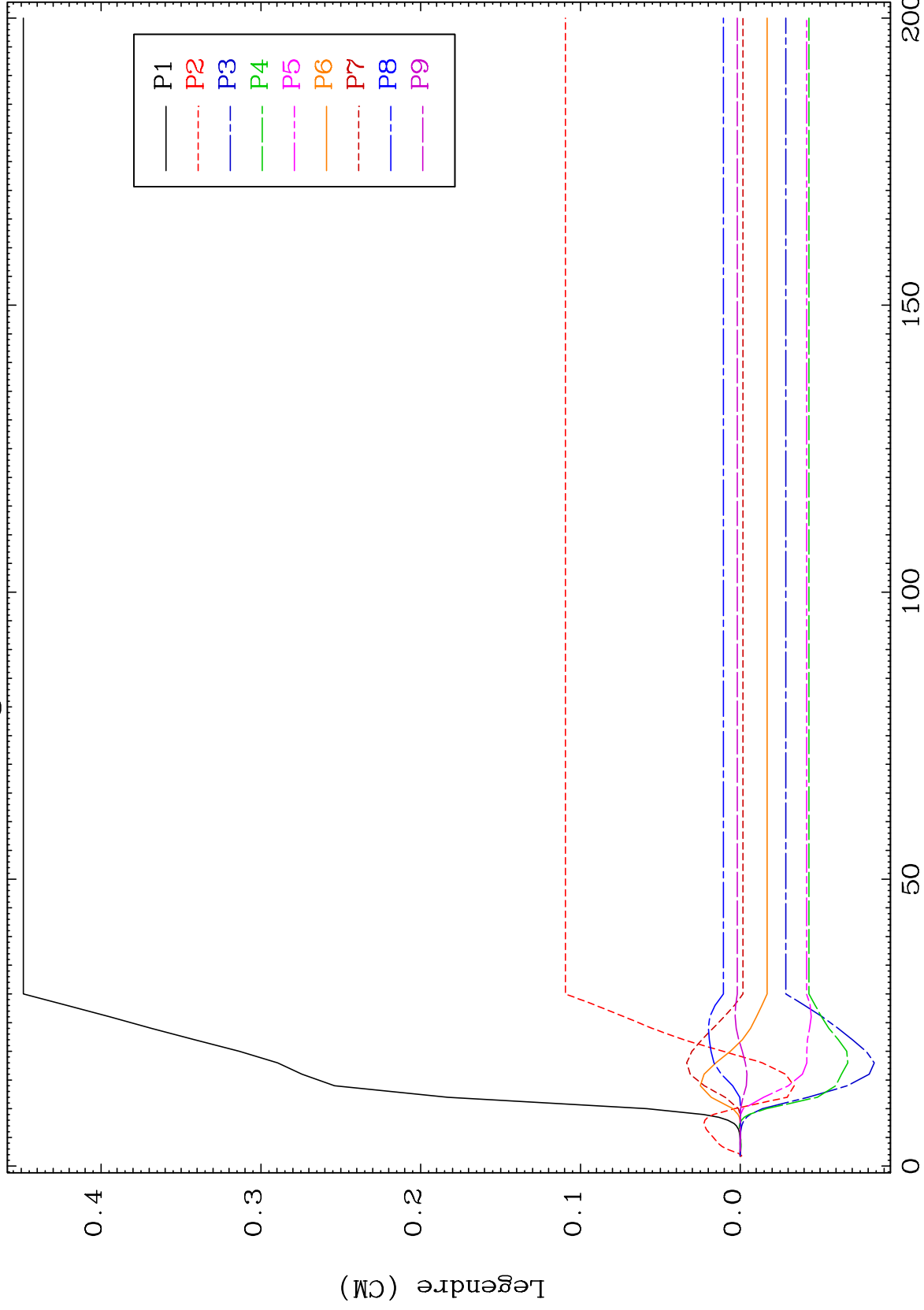




MAT 4507

1.635 MeV (n,n') Level  
Legendre Coefficients

45-Rh-97



92

Incident Energy (MeV)

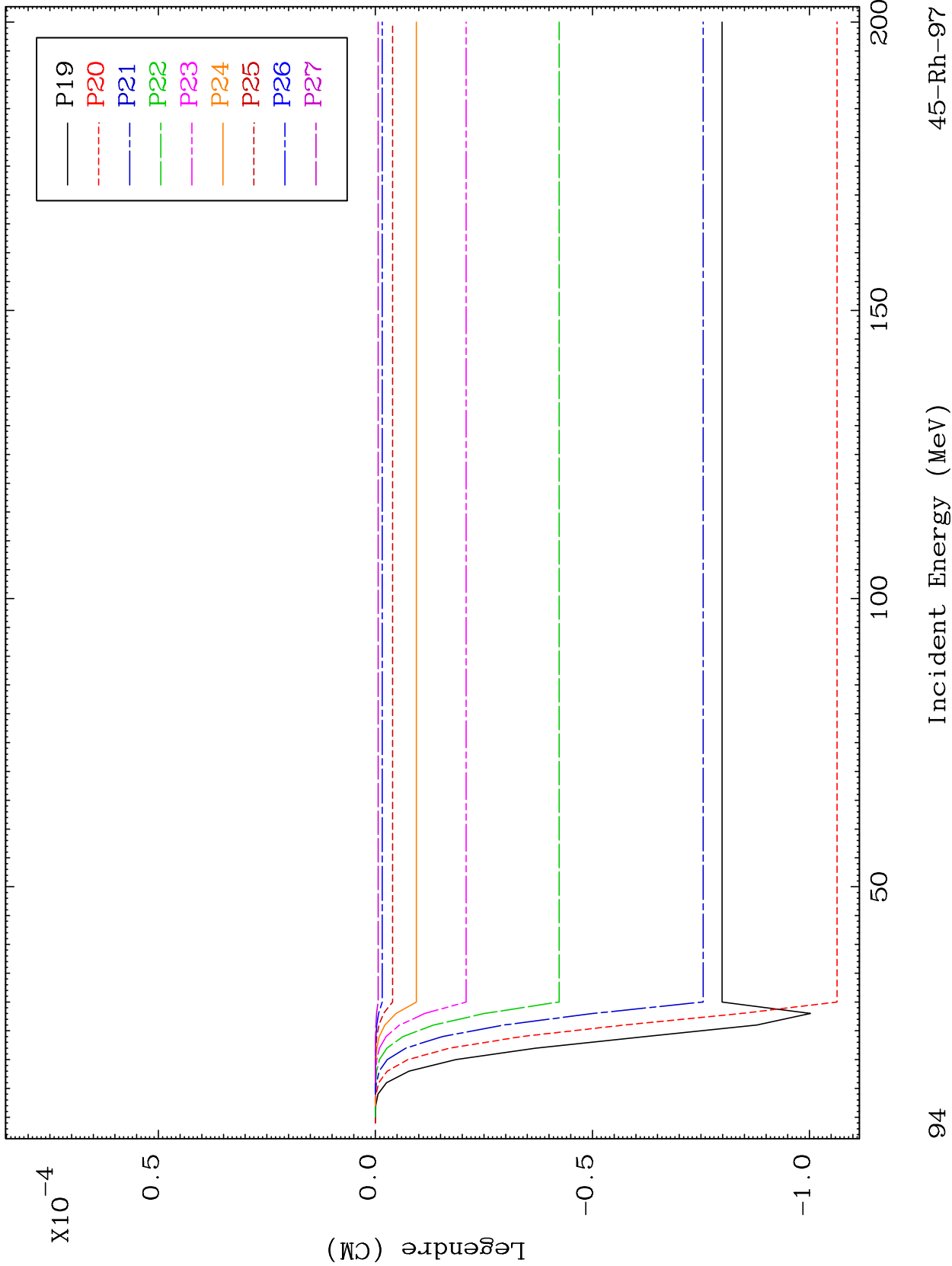
45-Rh-97



MAT 4507

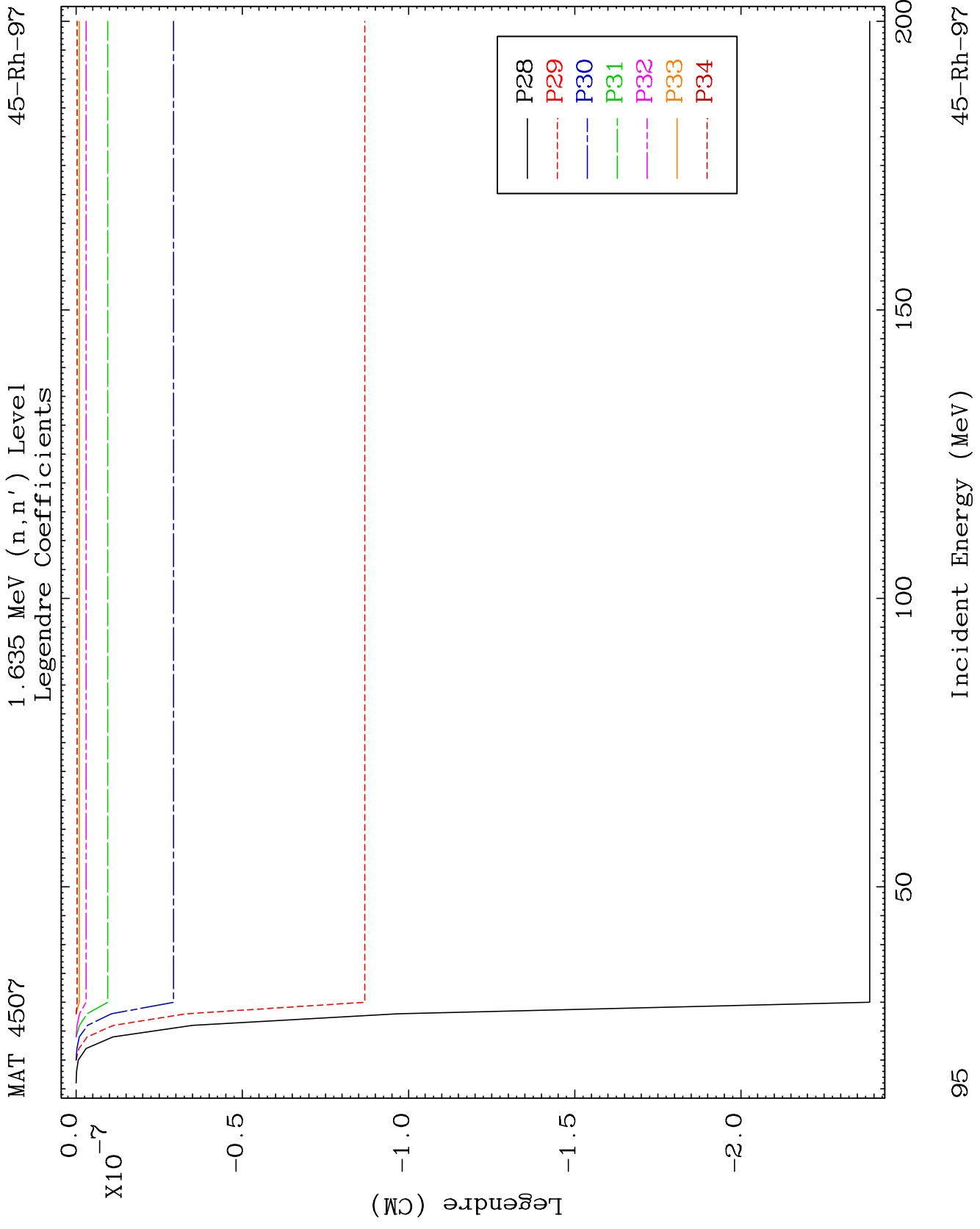
1.635 MeV (n,n') Level  
Legendre Coefficients

45-Rh-97

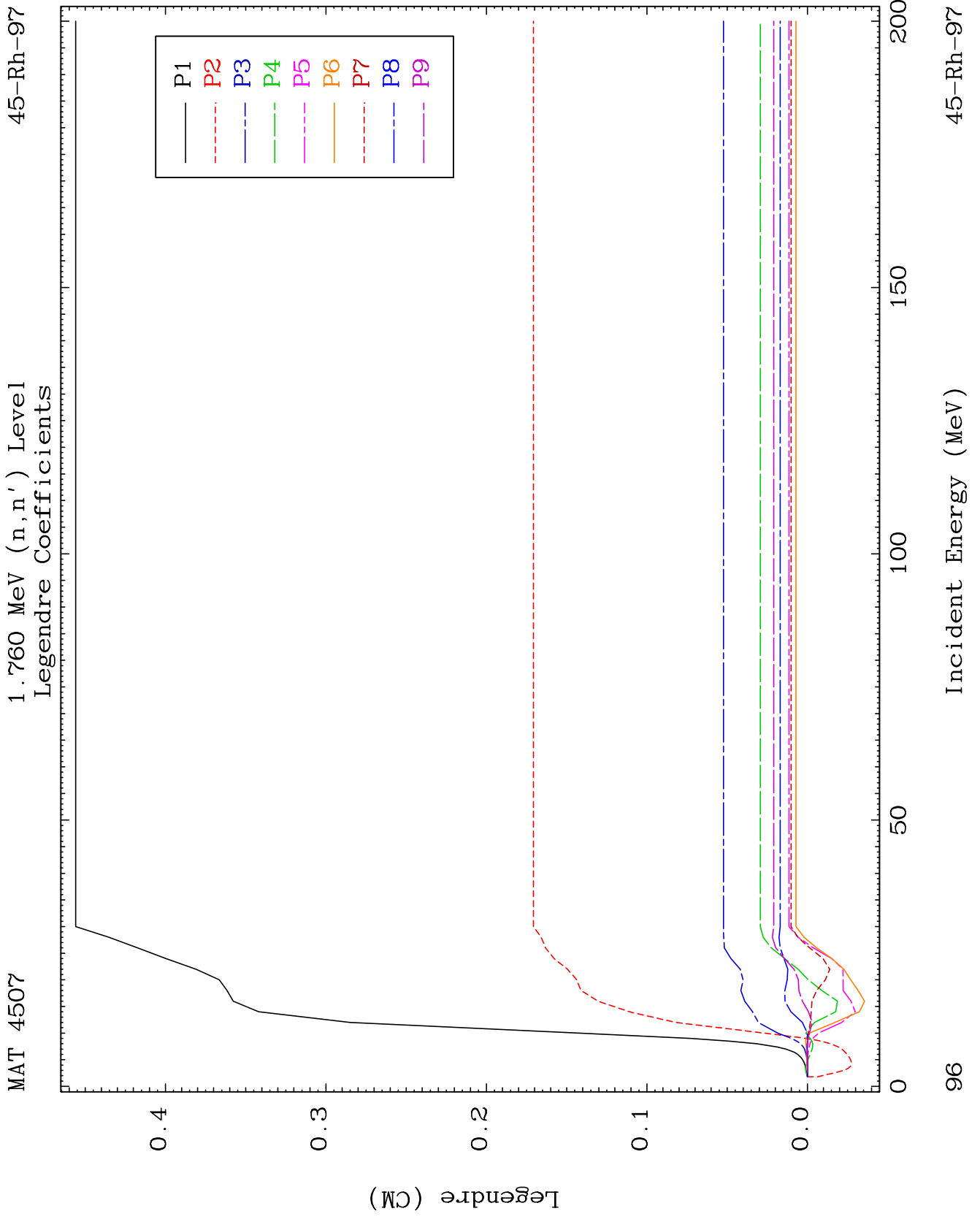


94

45-Rh-97



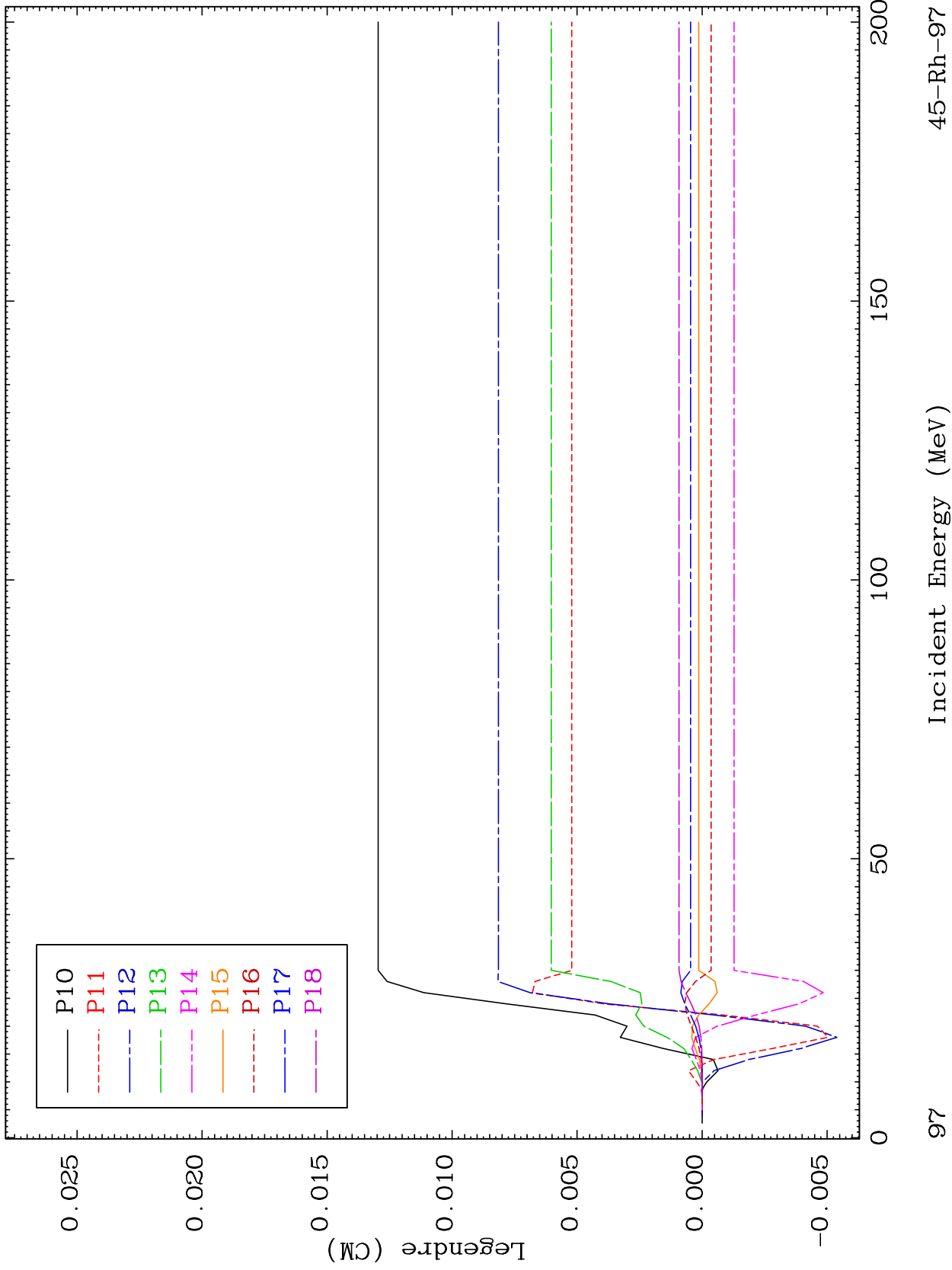




MAT 4507

1.760 MeV (n,n') Level  
Legendre Coefficients

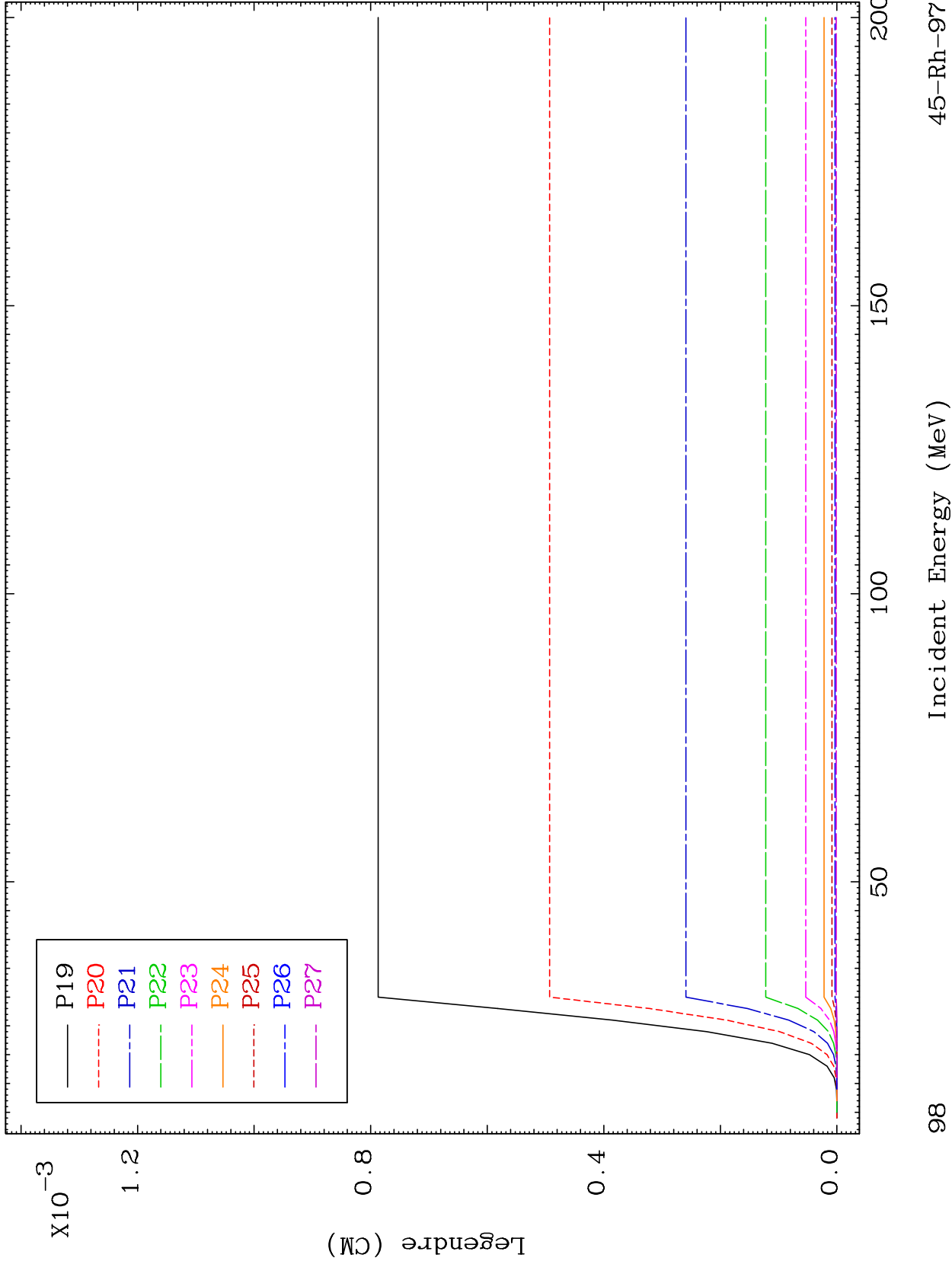
45-Rh-97



97

Incident Energy (MeV)

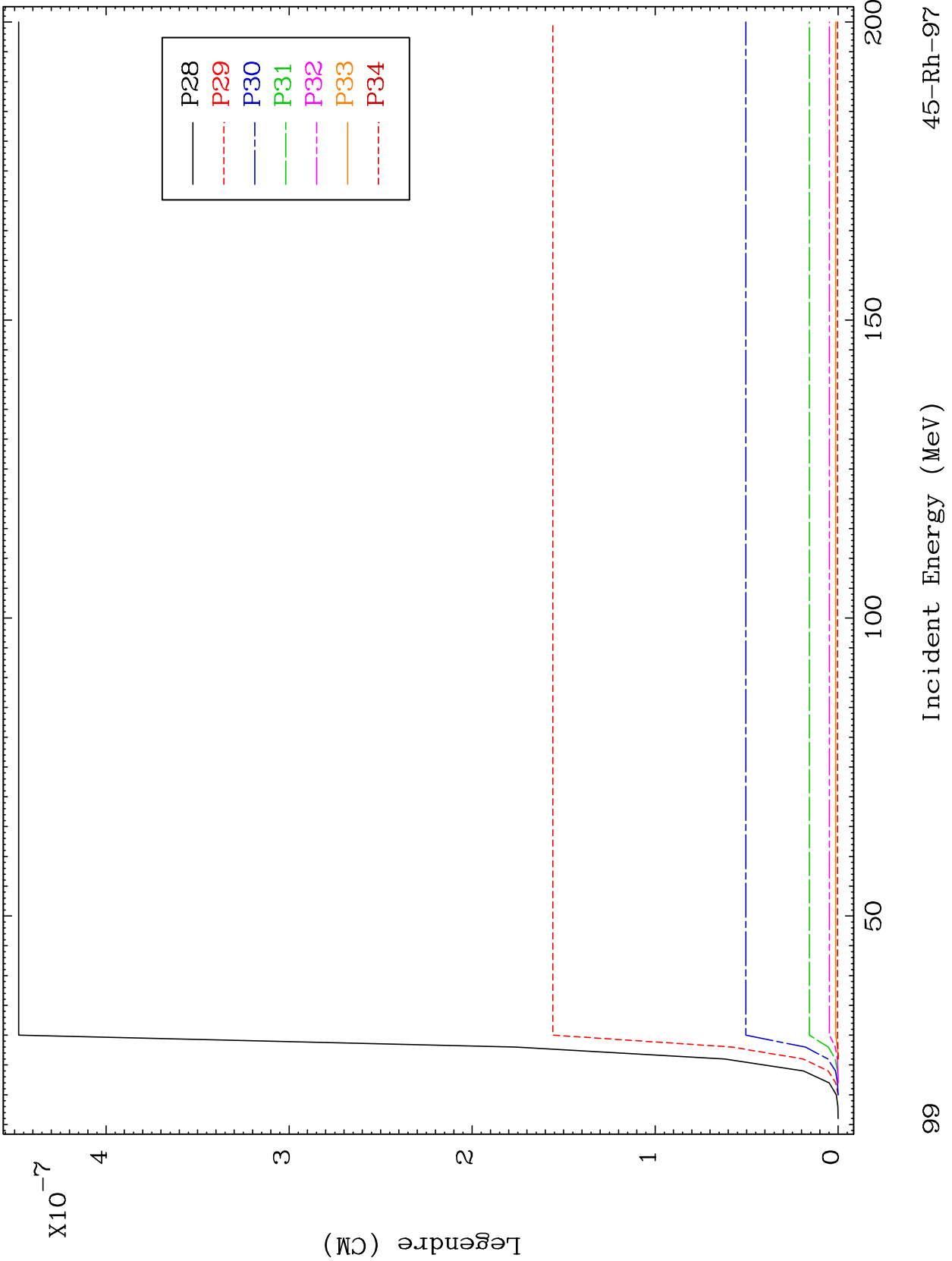
45-Rh-97



MAT 4507

1.760 MeV (n,n') Level  
Legendre Coefficients

45-Rh-97

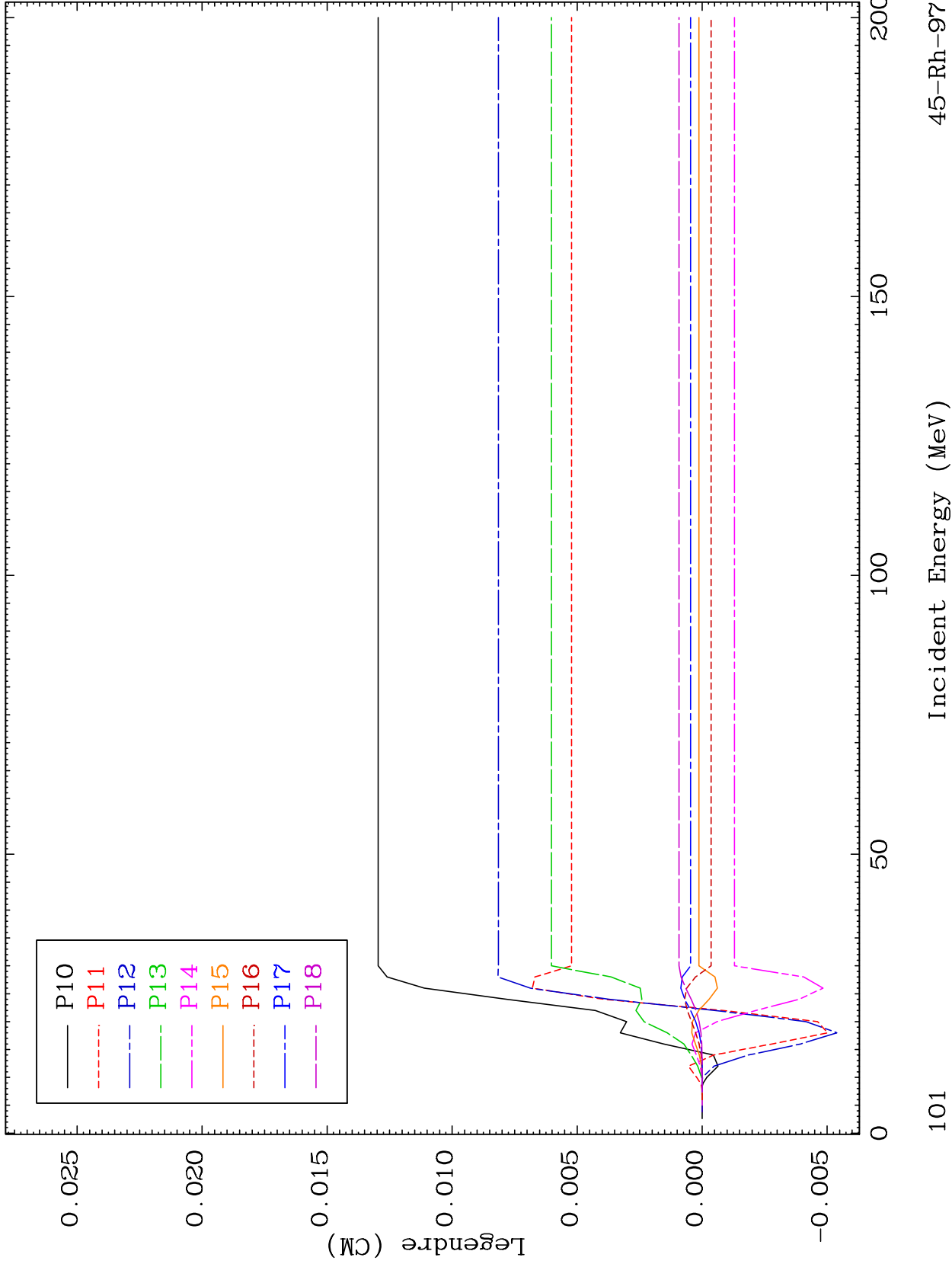




MAT 4507

1.775 MeV (n,n') Level  
Legendre Coefficients

45-Rh-97



101

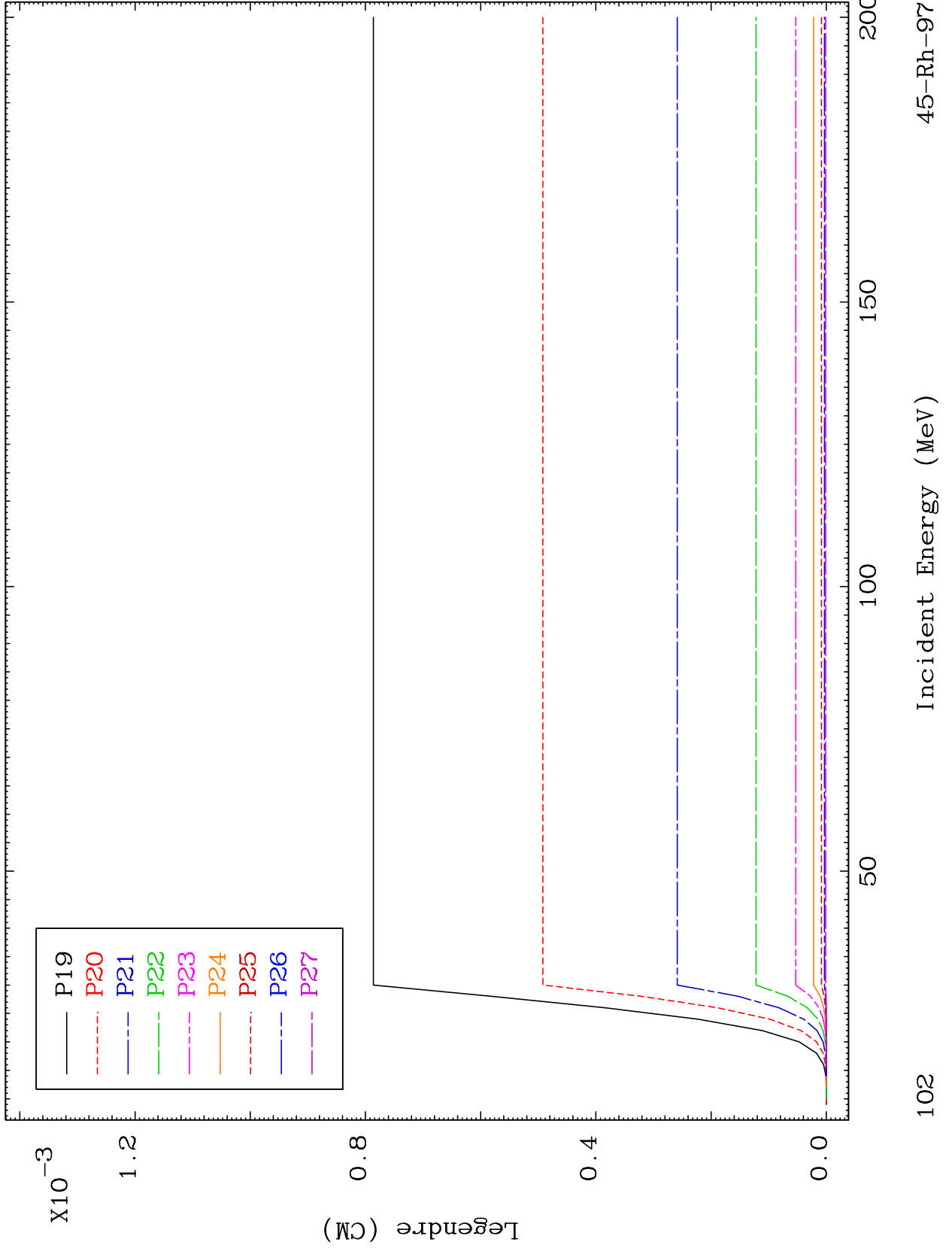
Incident Energy (MeV)

45-Rh-97

MAT 4507

1.775 MeV (n,n') Level Legendre Coefficients

45-Rh-97



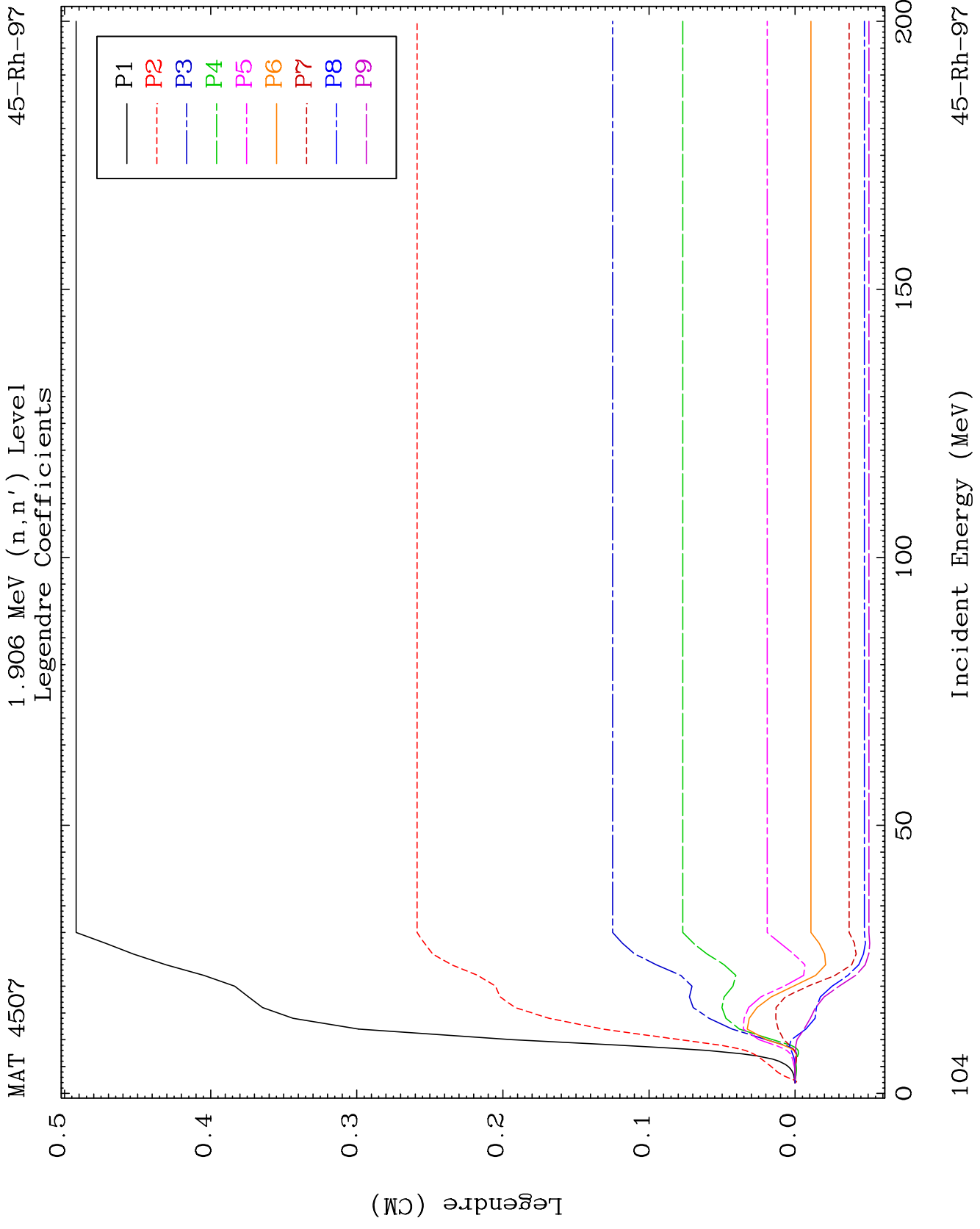
102

Incident Energy (MeV)

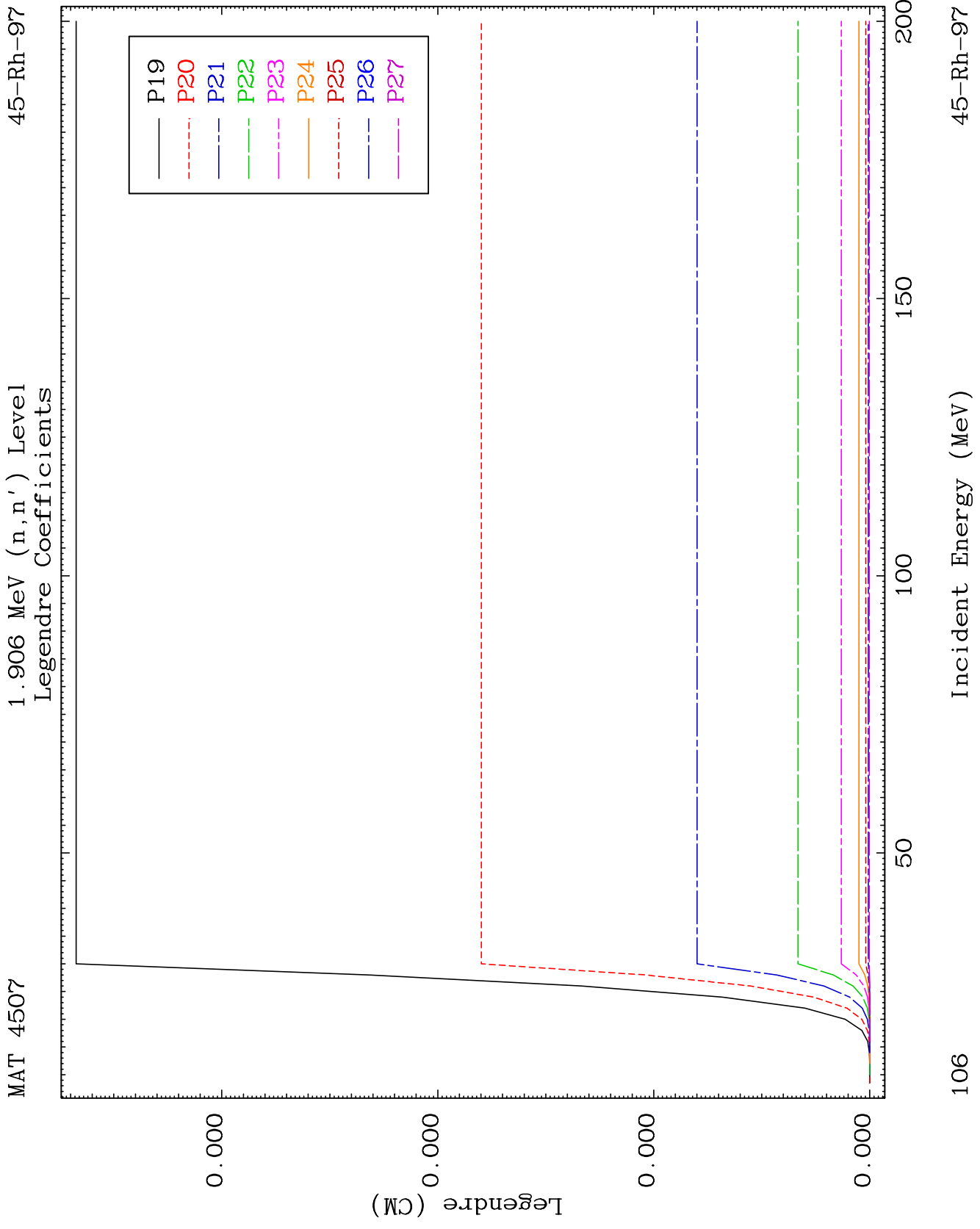
45-Rh-97

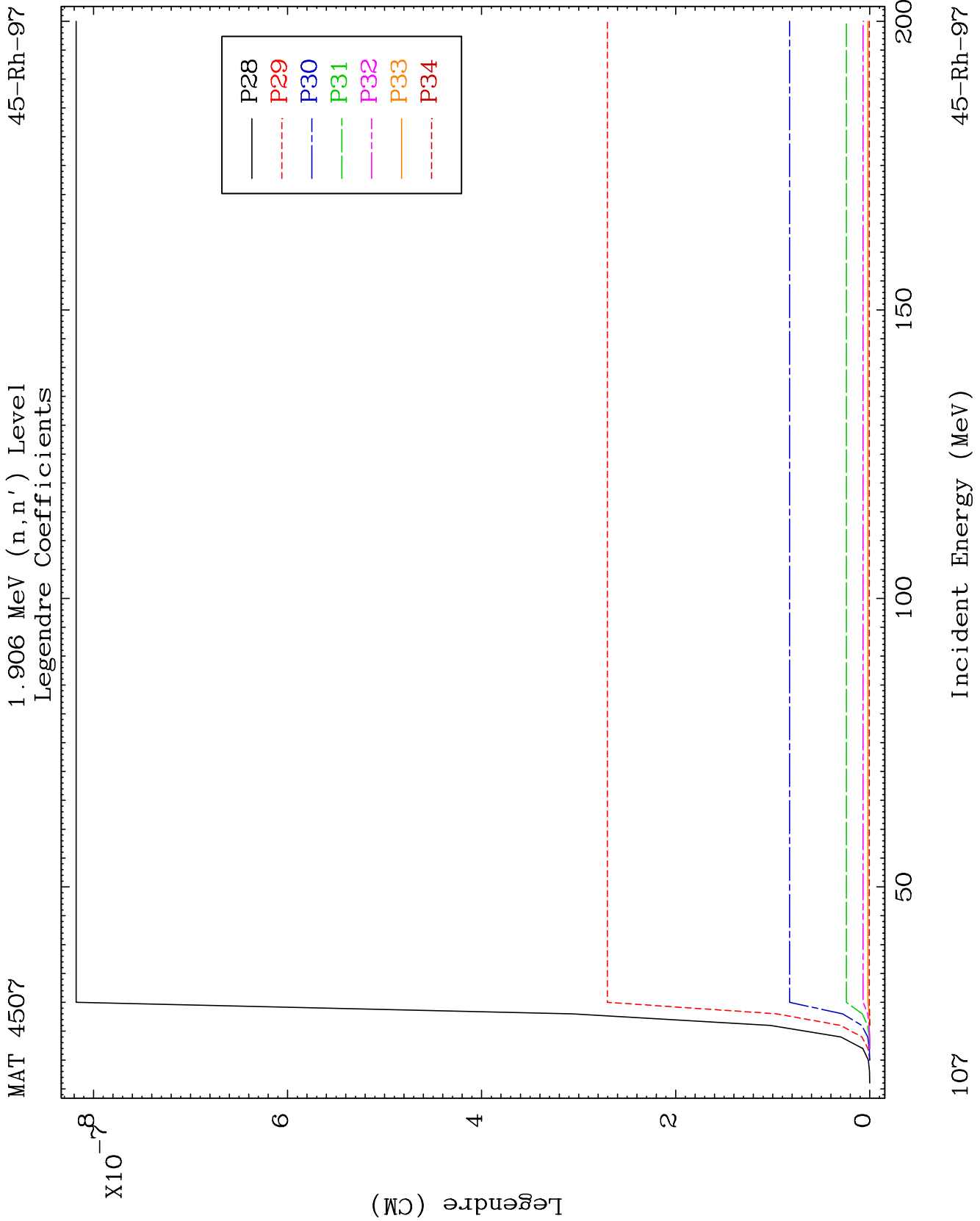


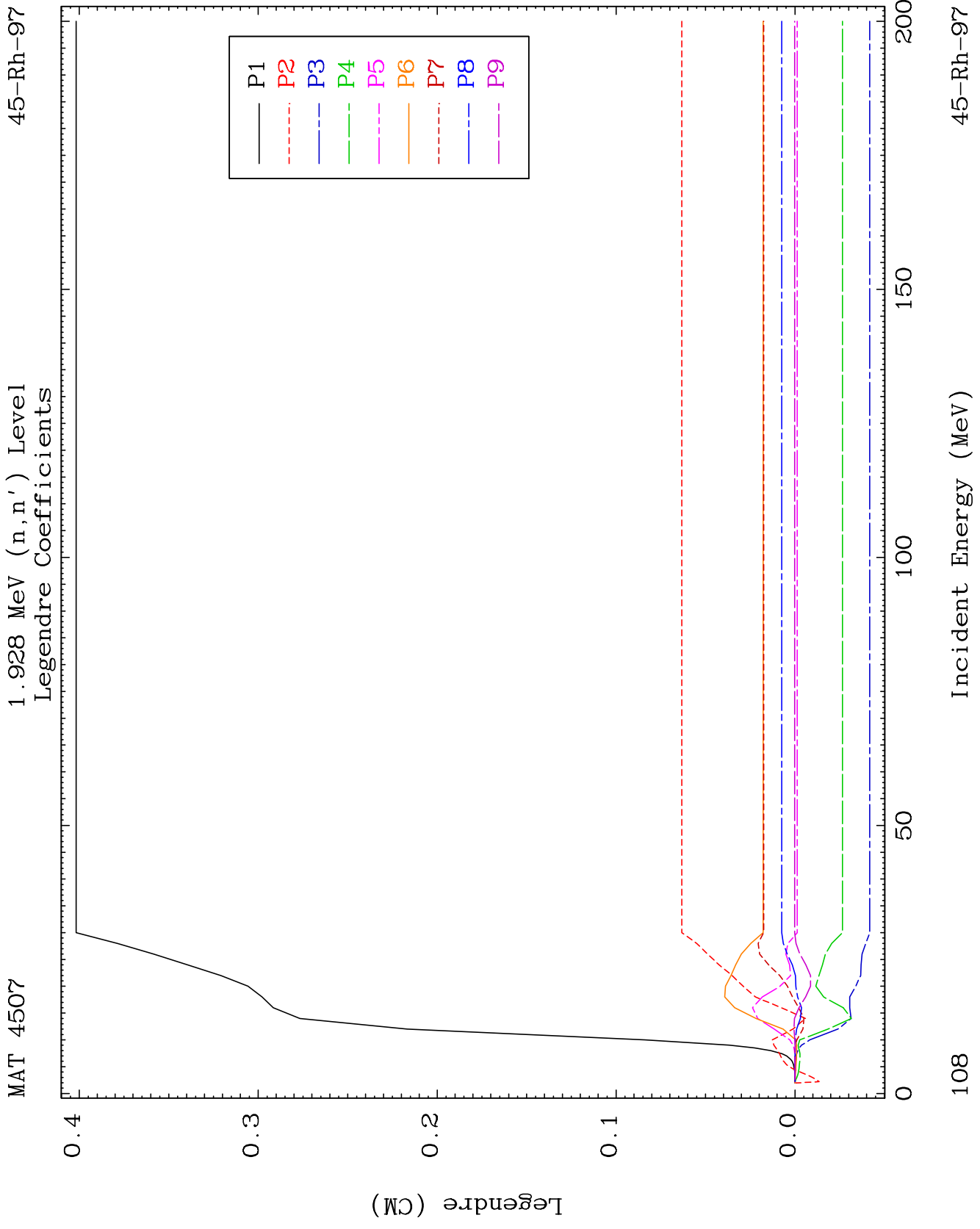








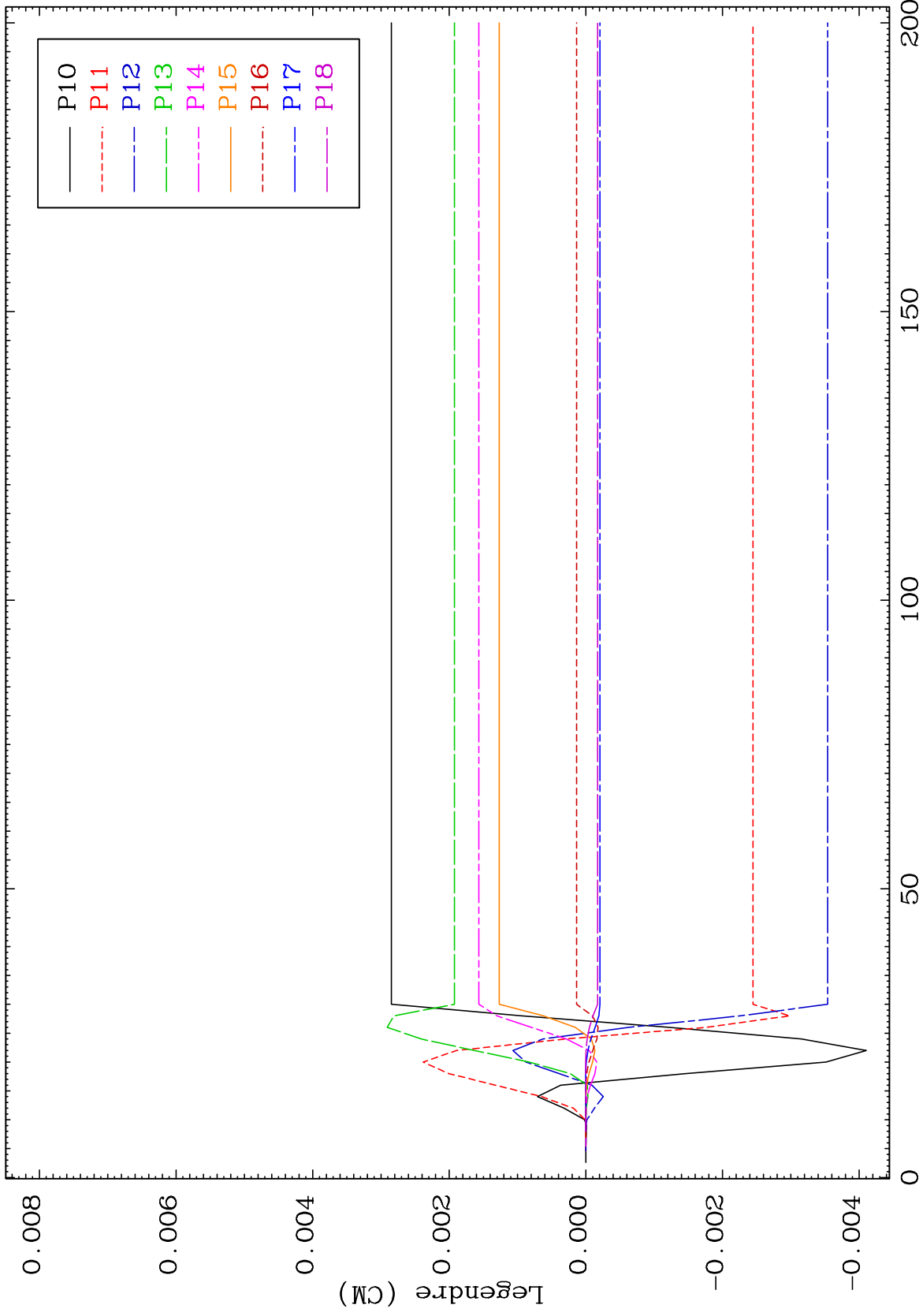




MAT 4507

1.928 MeV (n,n') Level  
Legendre Coefficients

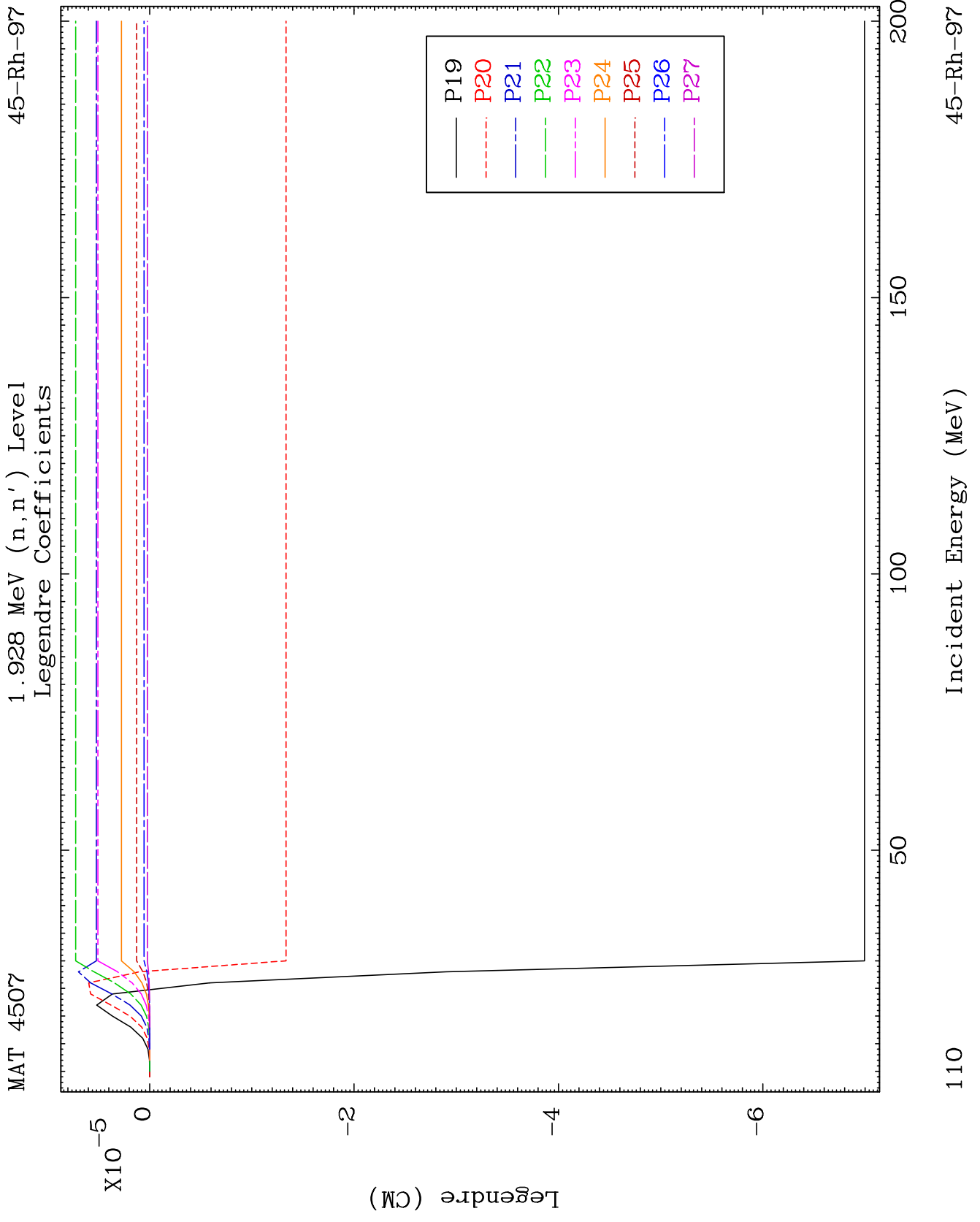
45-Rh-97

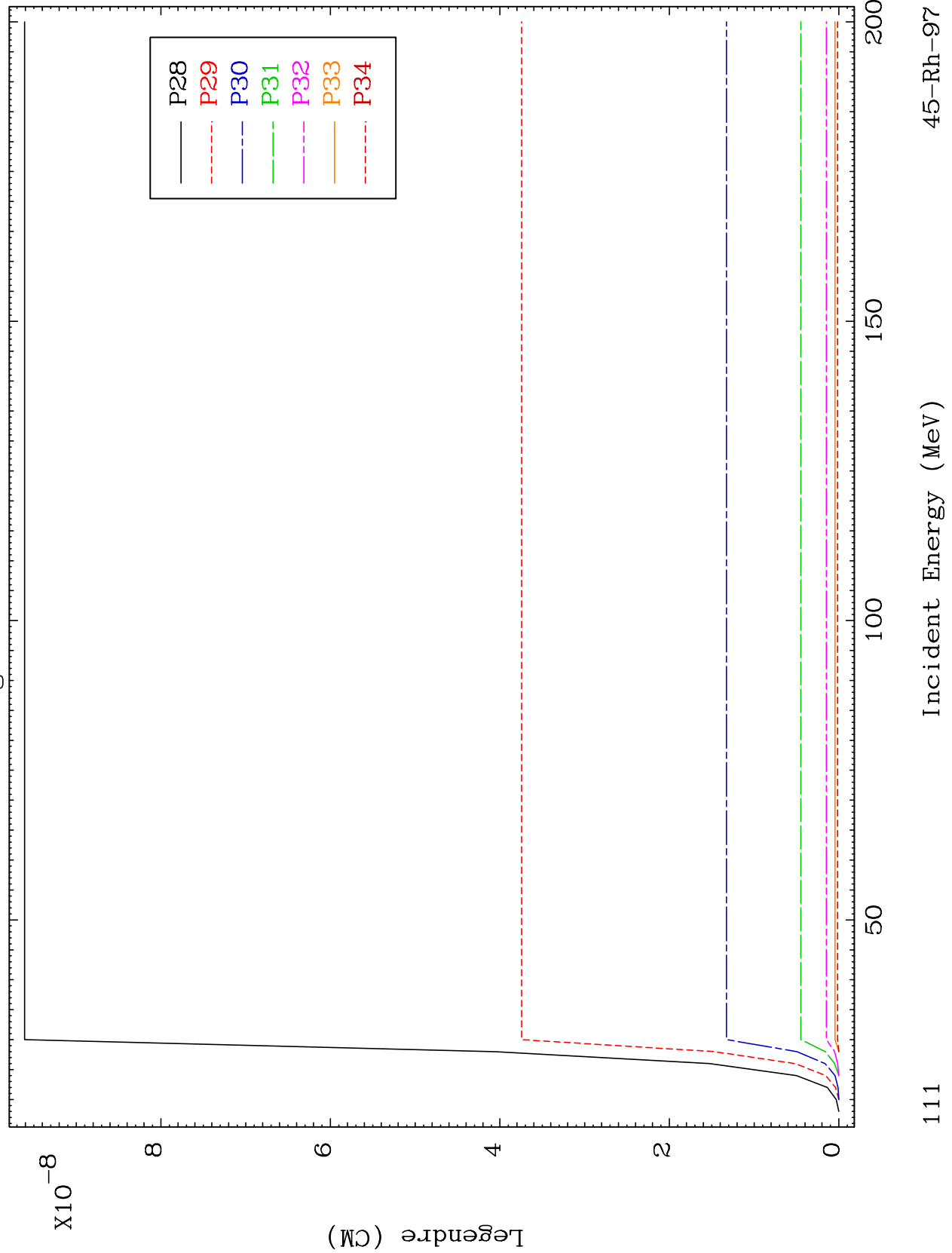


109

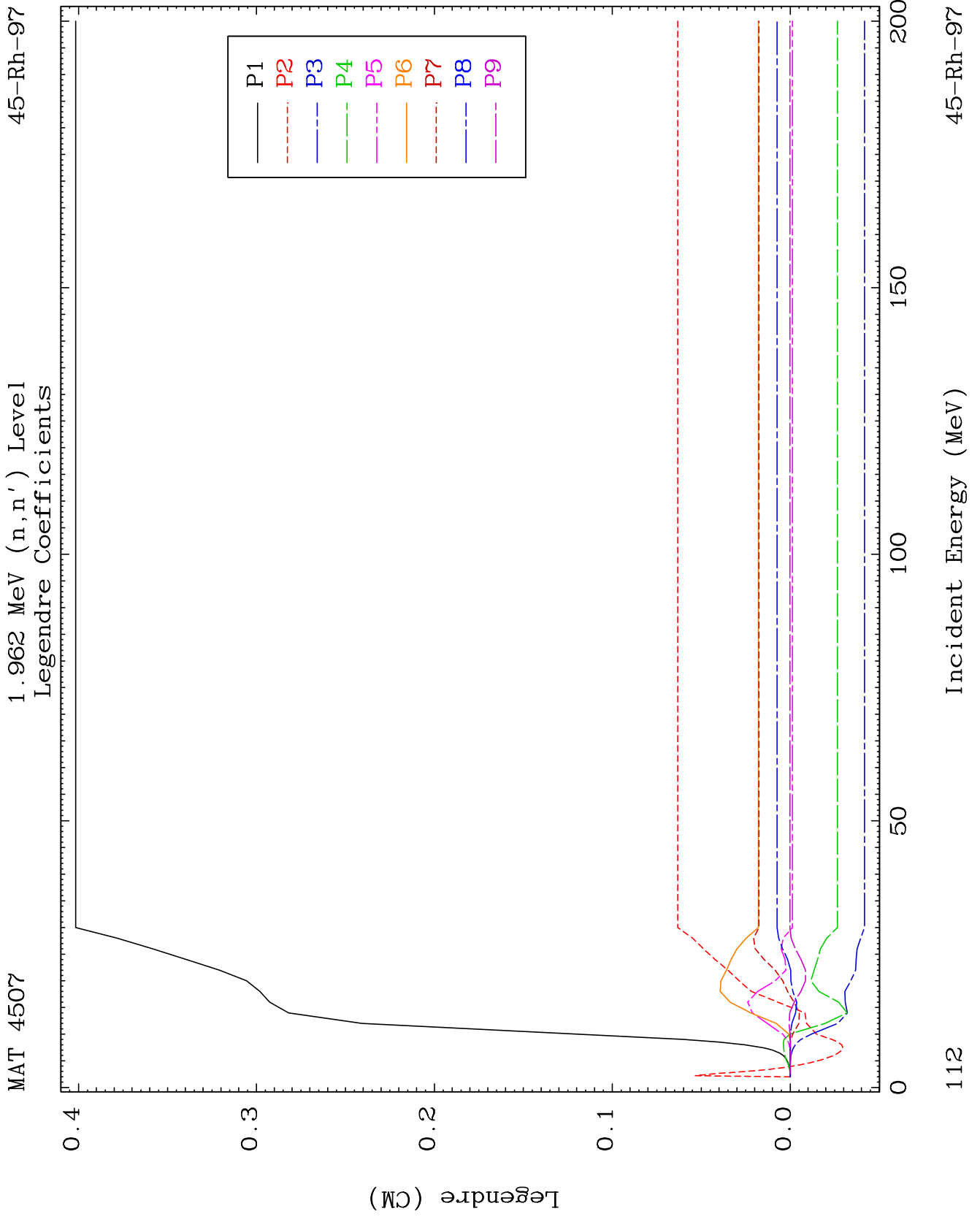
Incident Energy (MeV)

45-Rh-97





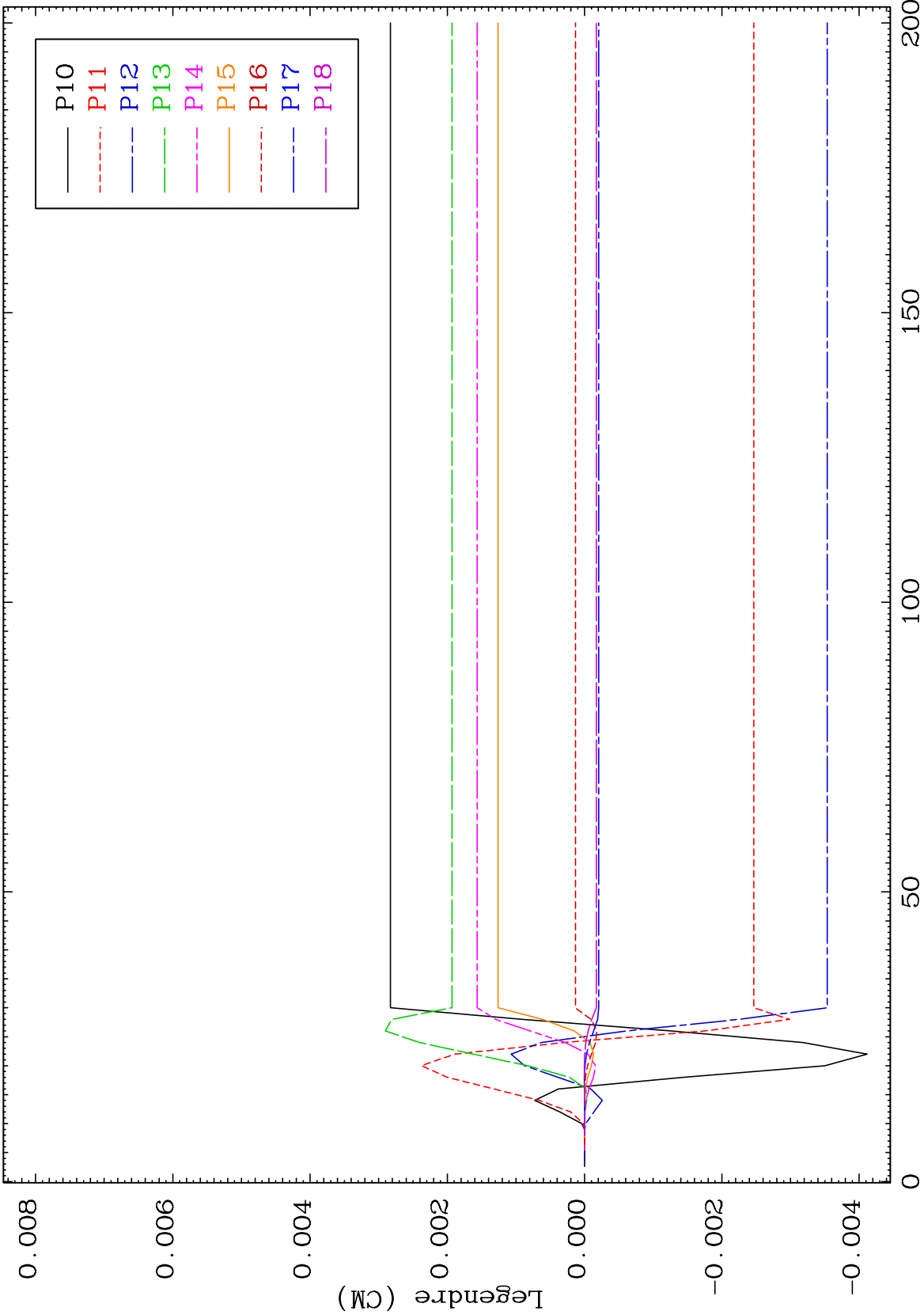




MAT 4507

1.962 MeV (n,n') Level  
Legendre Coefficients

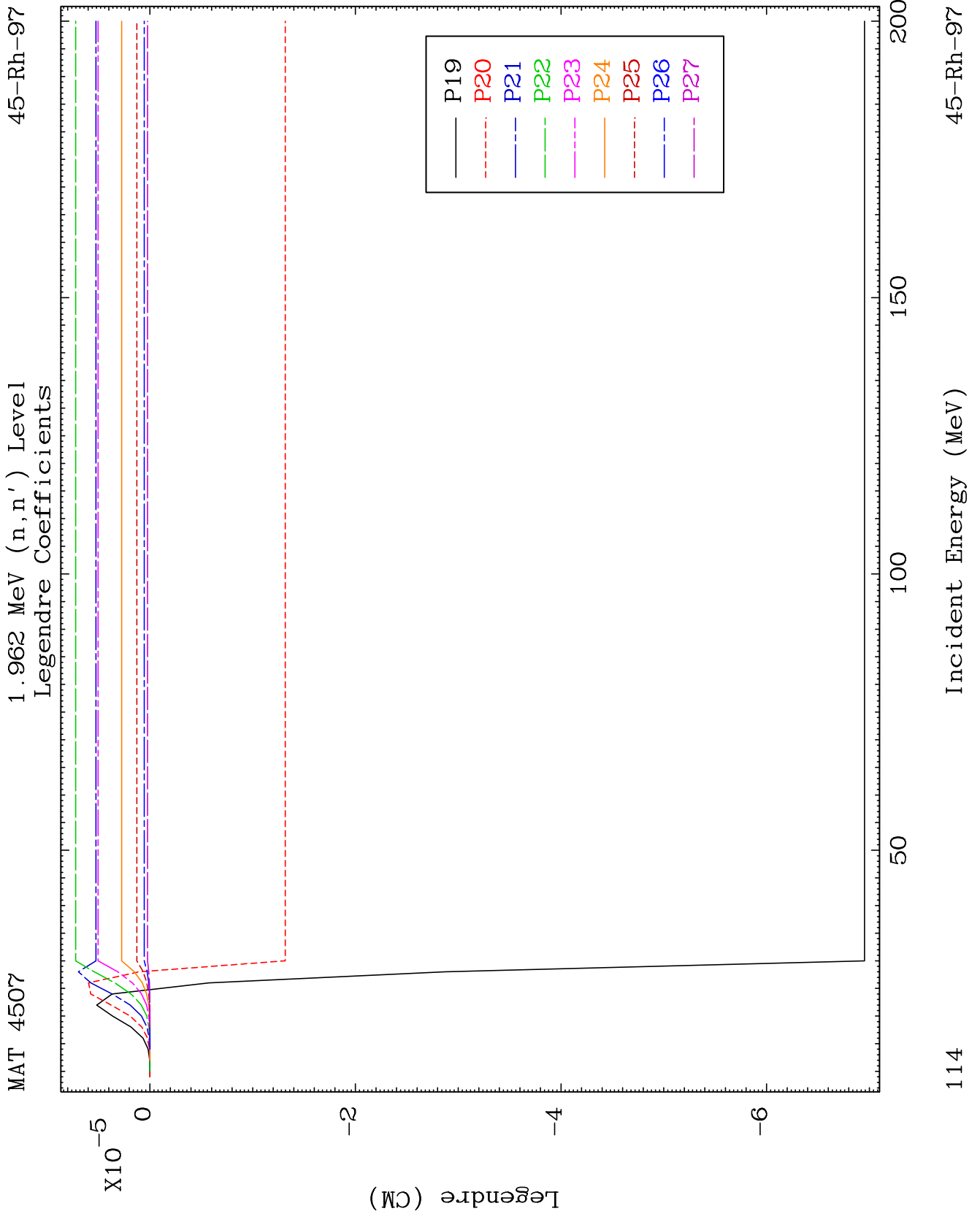
45-Rh-97

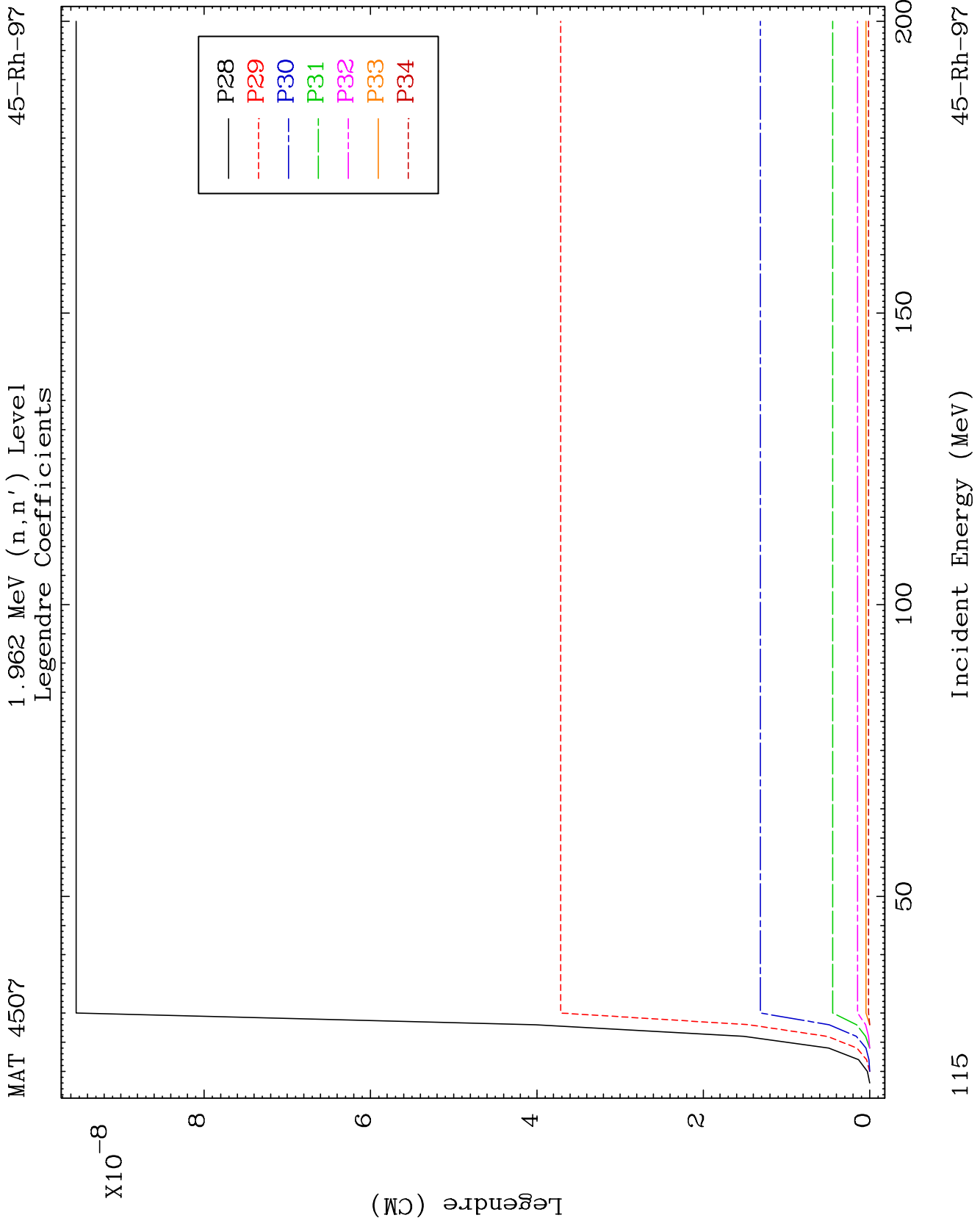


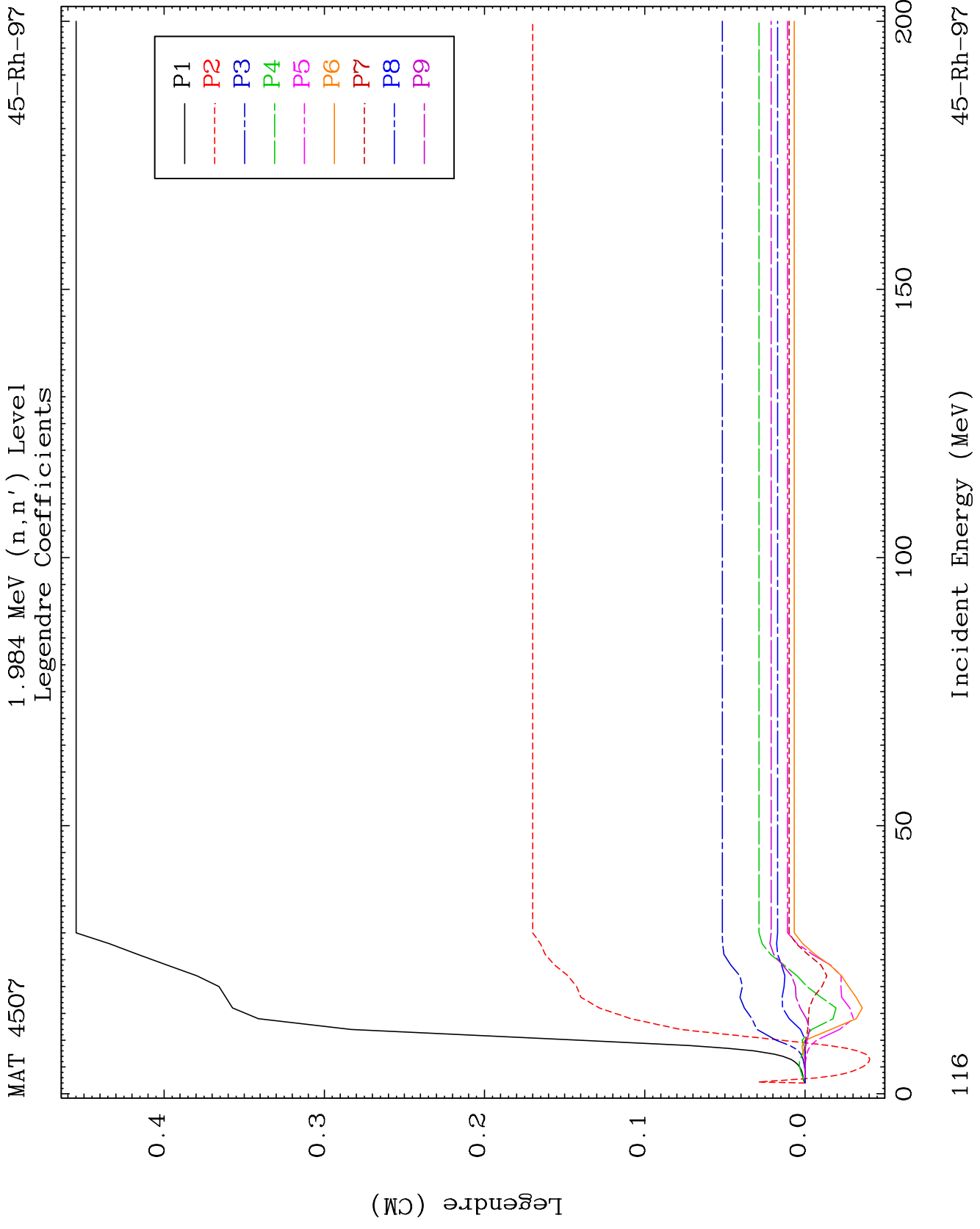
113

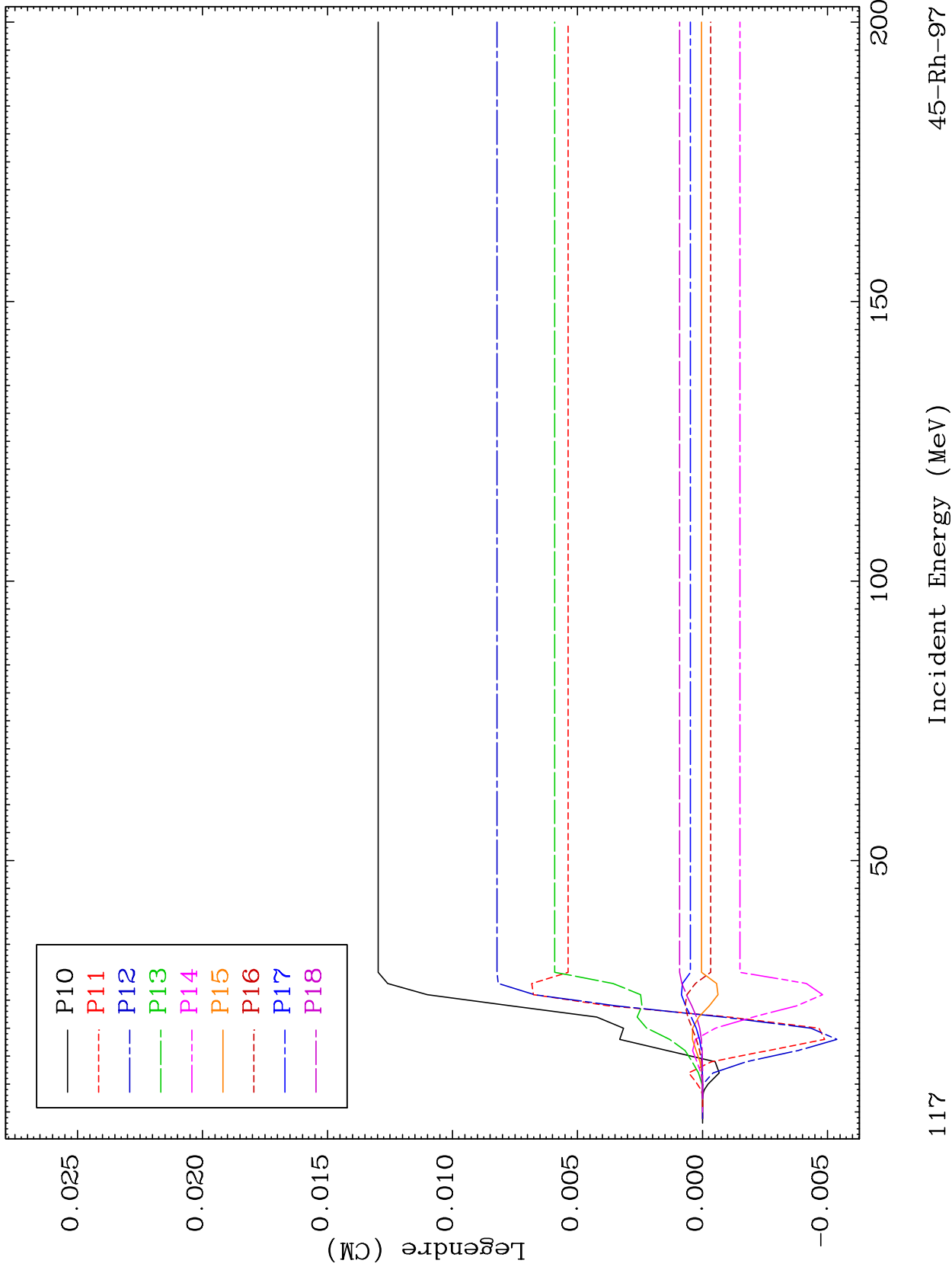
Incident Energy (MeV)

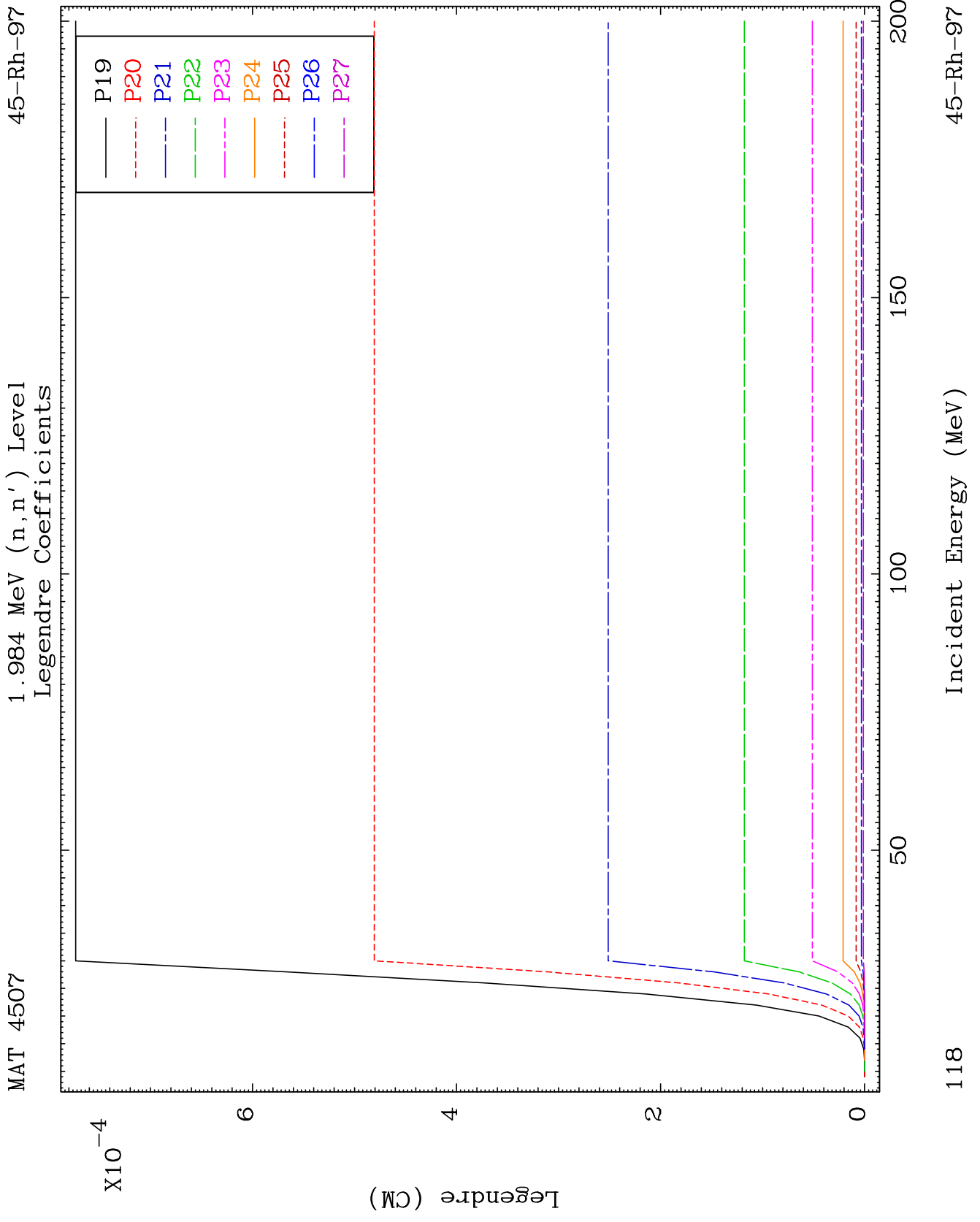
45-Rh-97

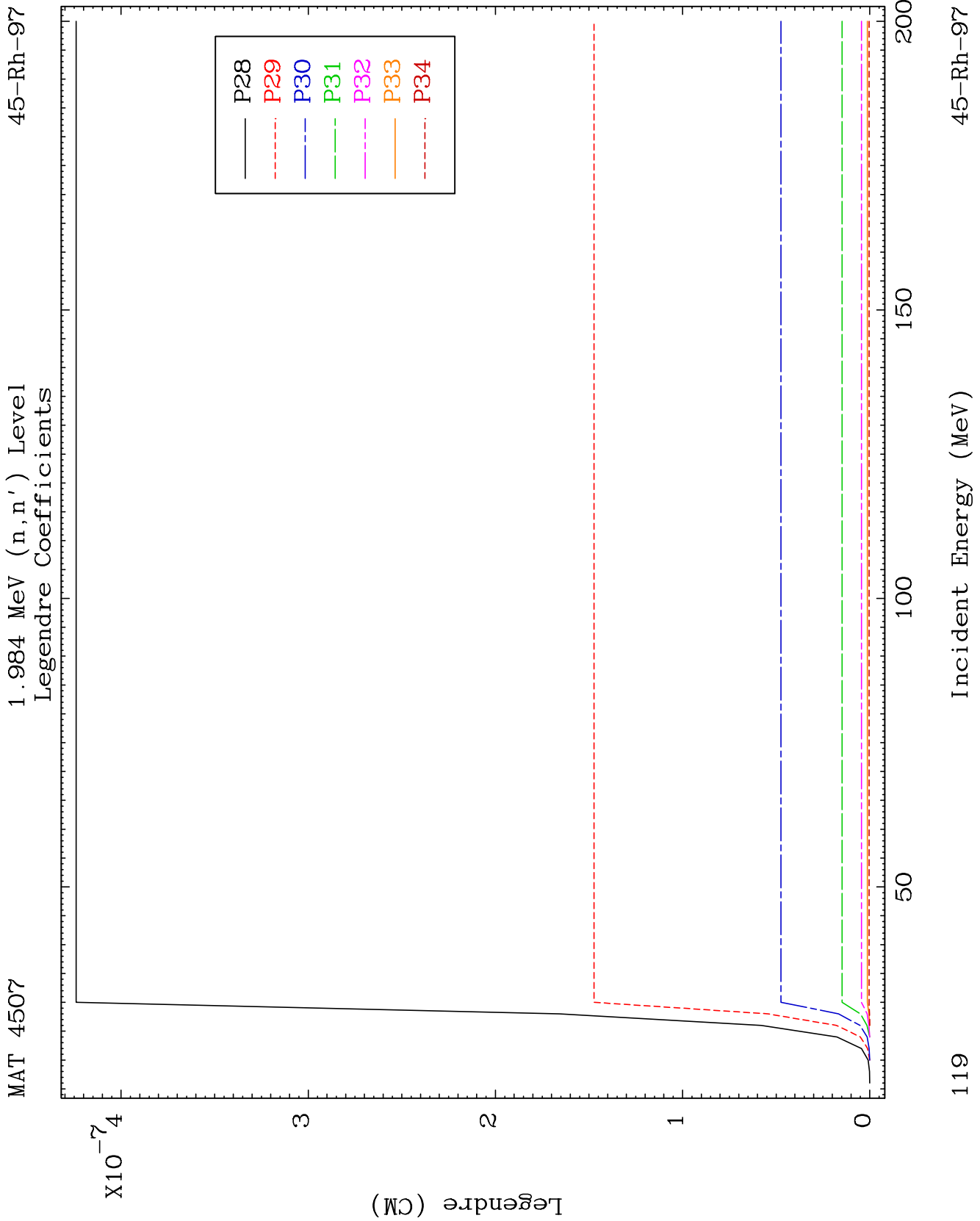












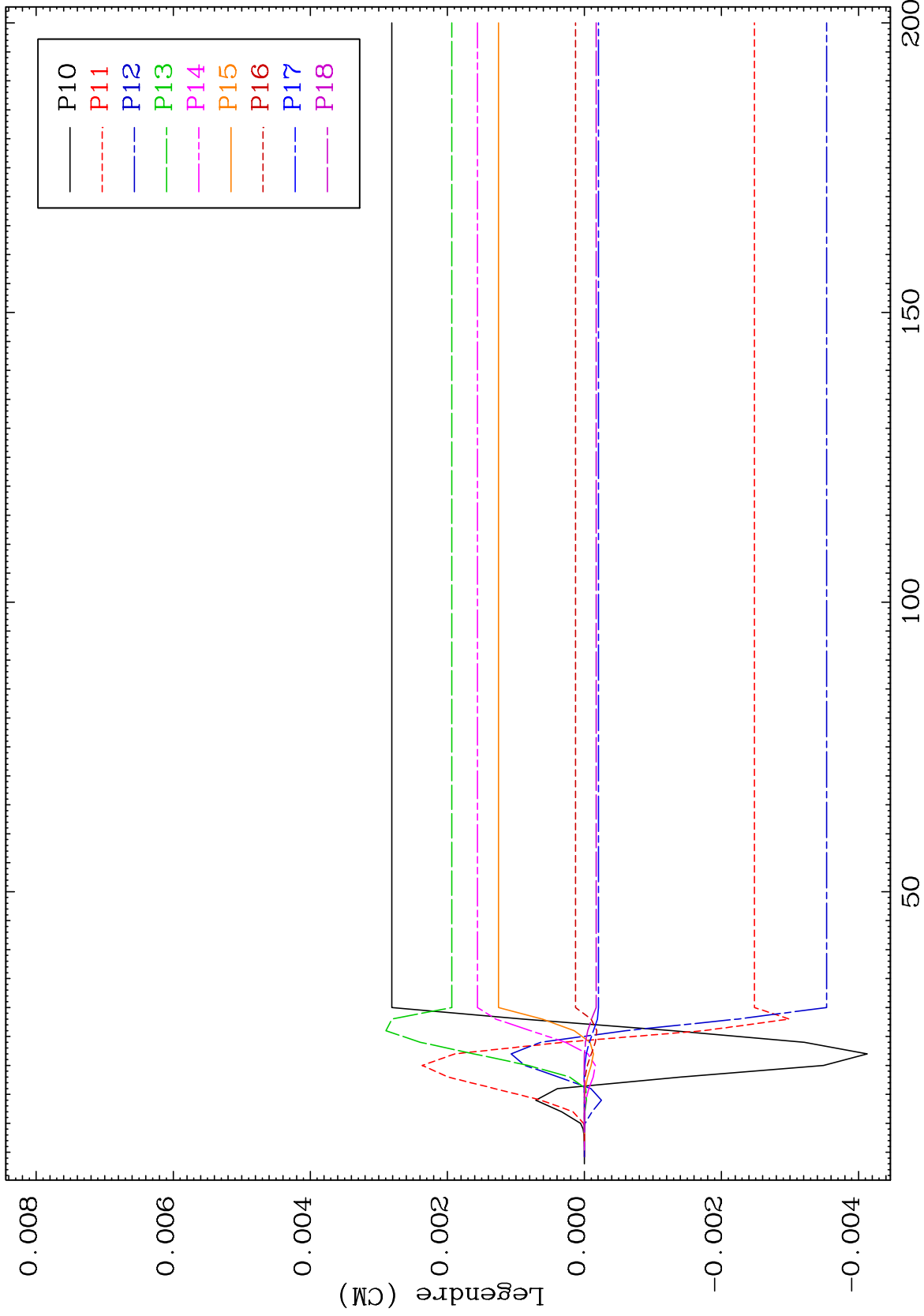




MAT 4507

1.994 MeV (n,n') Level  
Legendre Coefficients

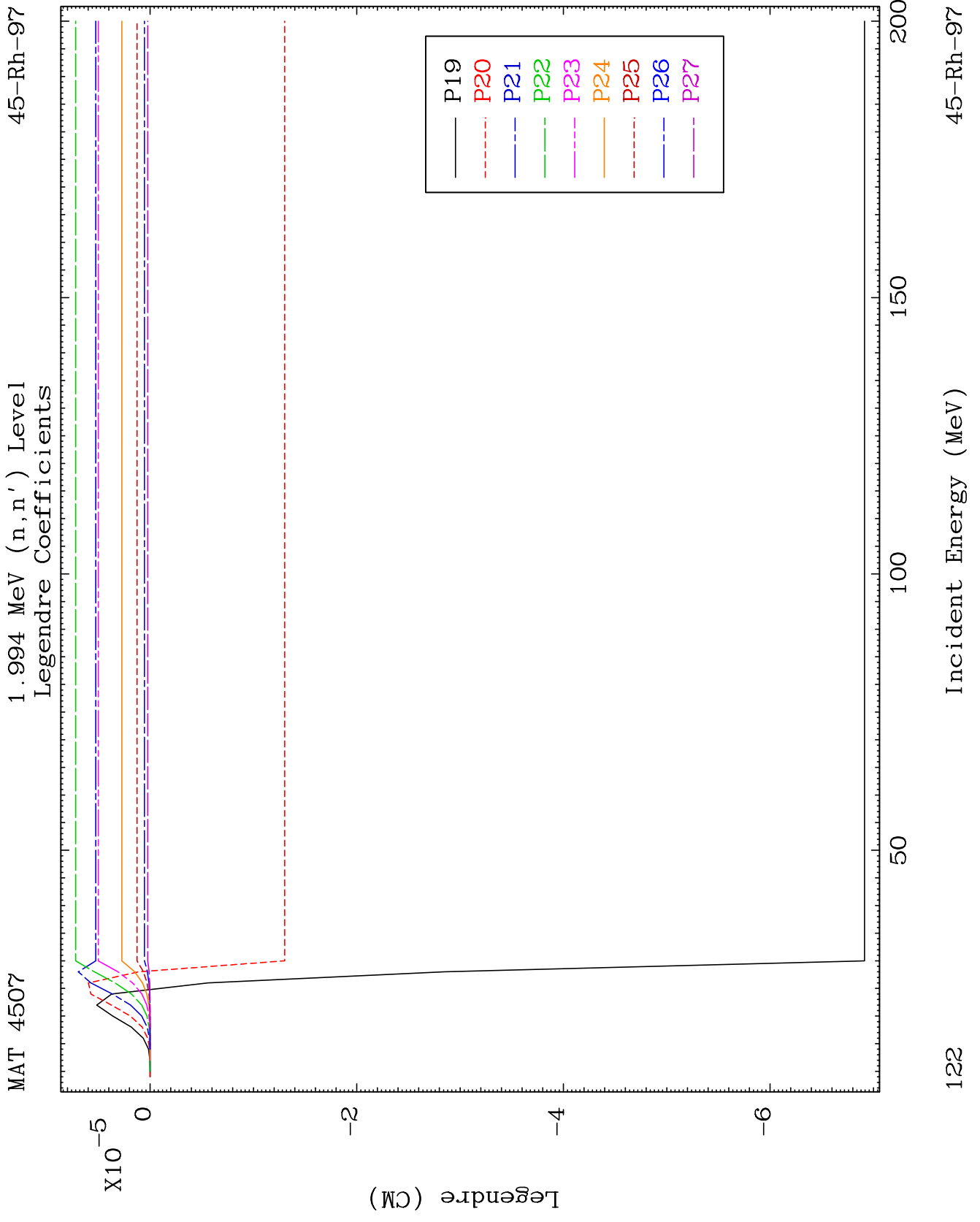
45-Rh-97

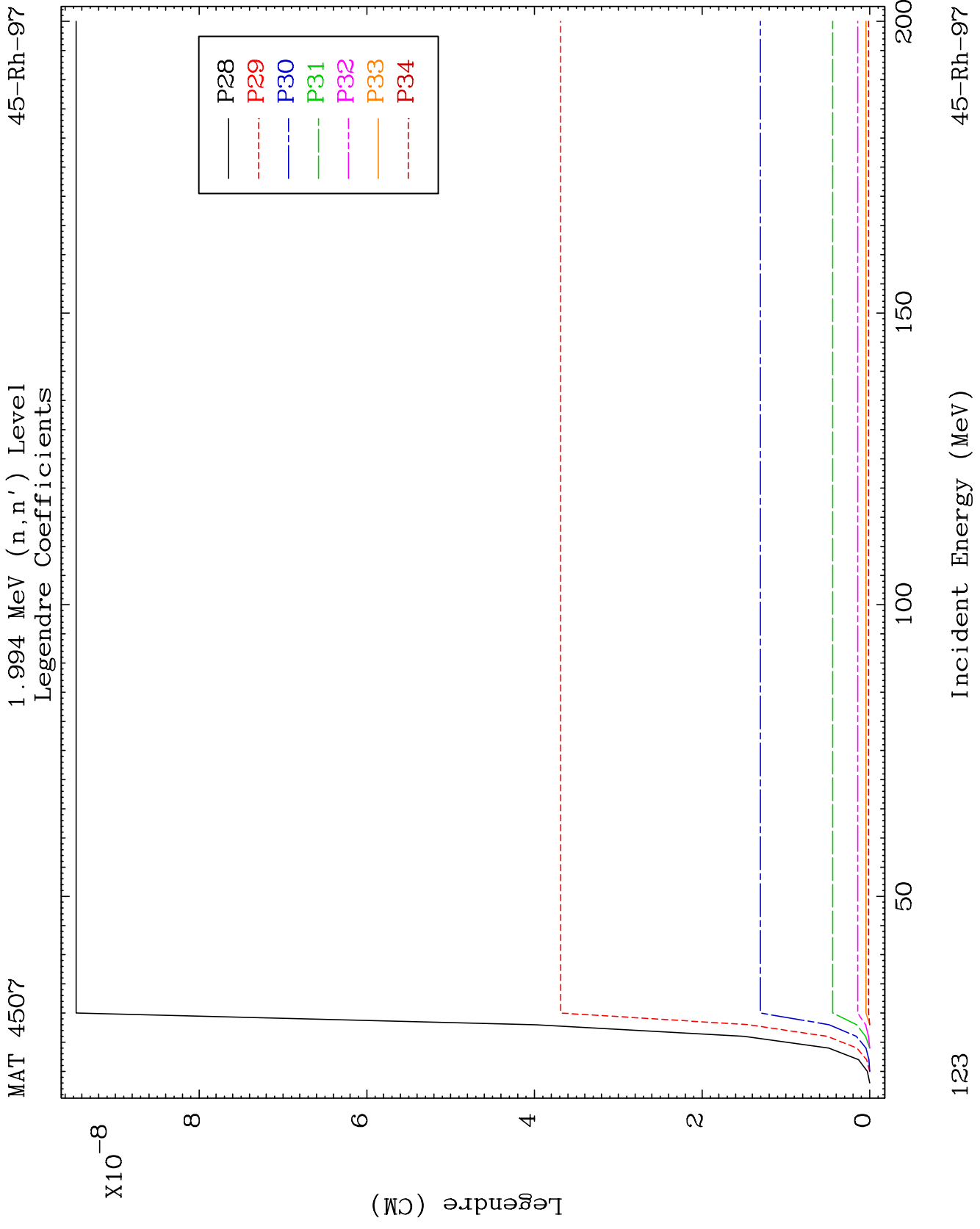


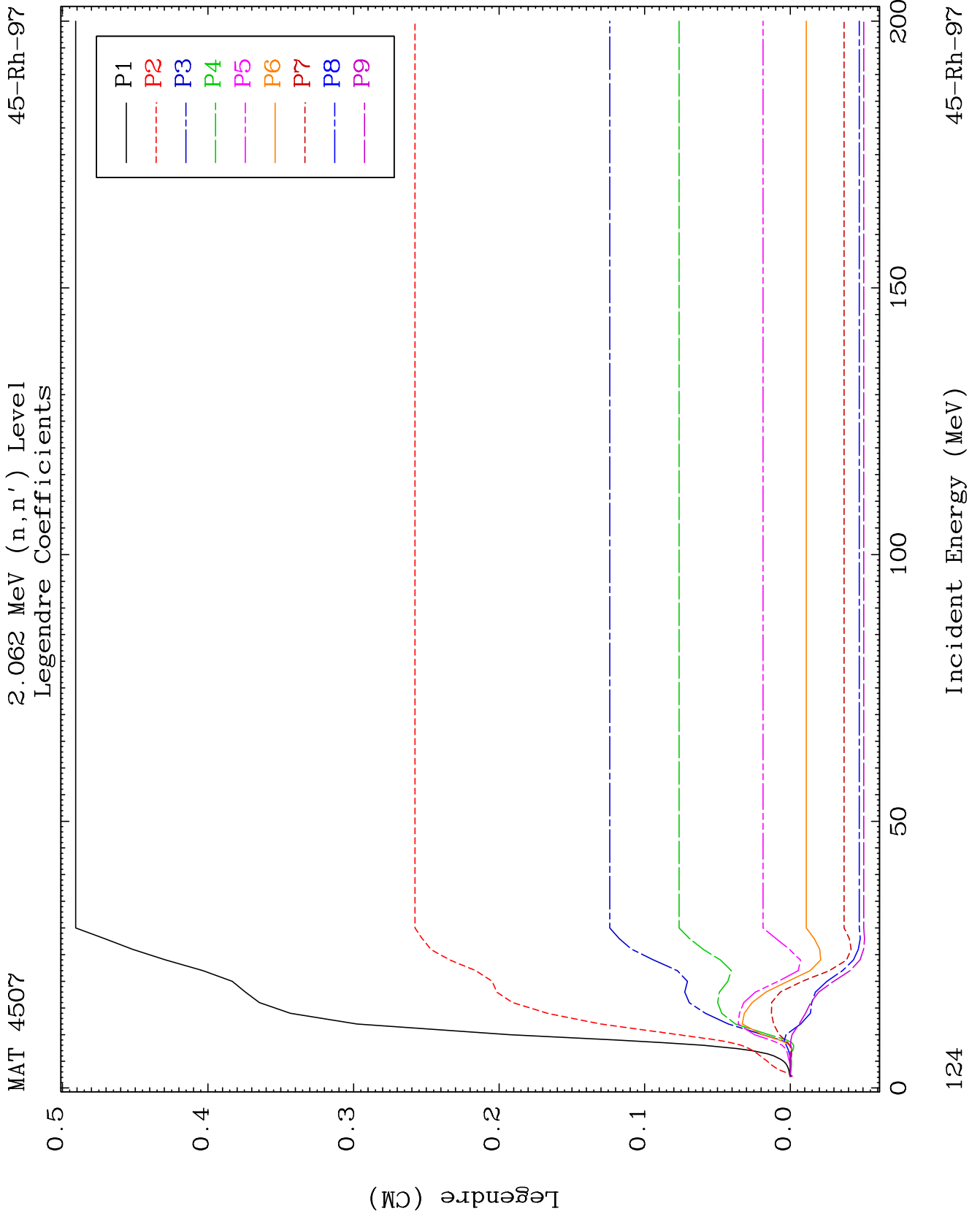
121

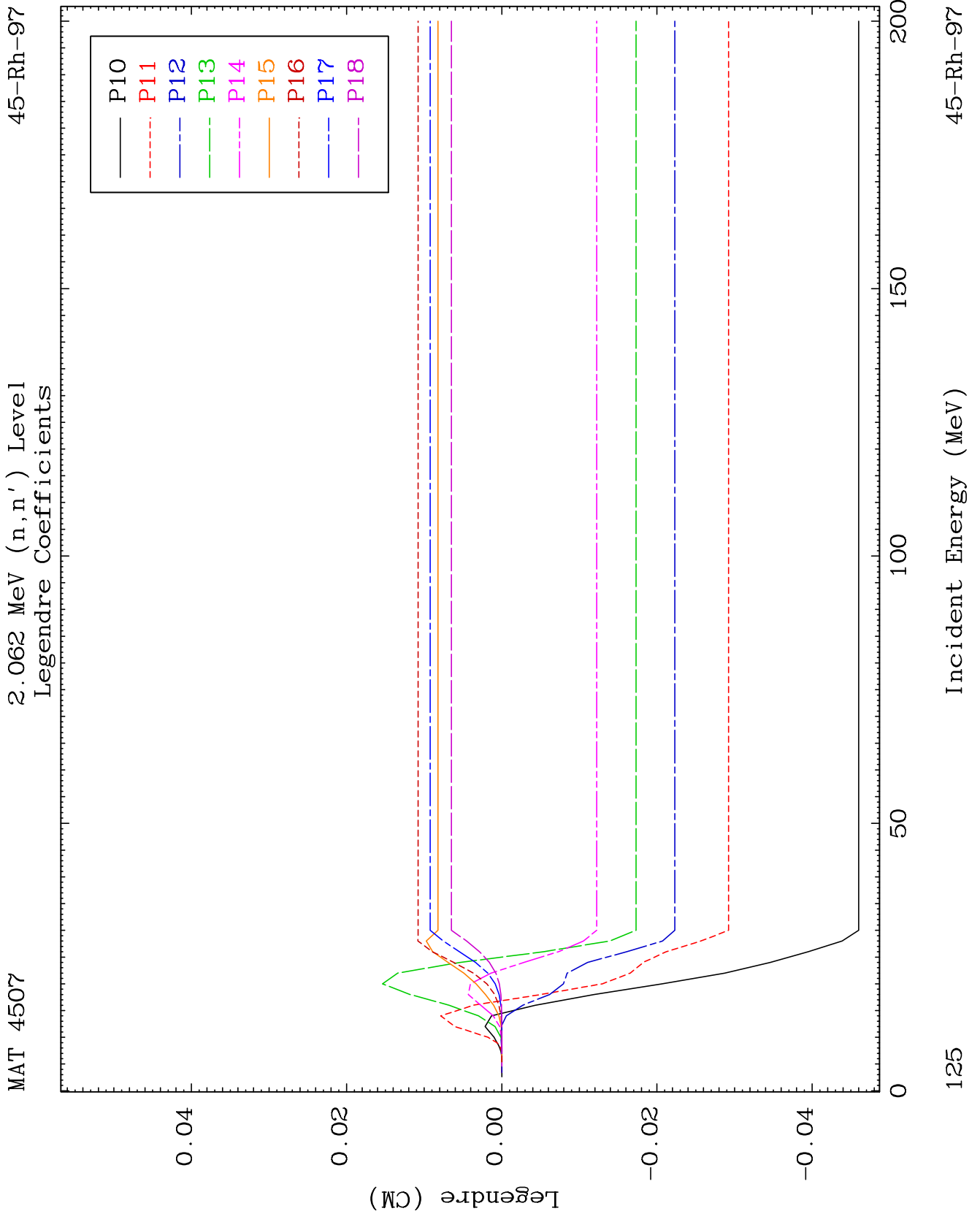
Incident Energy (MeV)

45-Rh-97





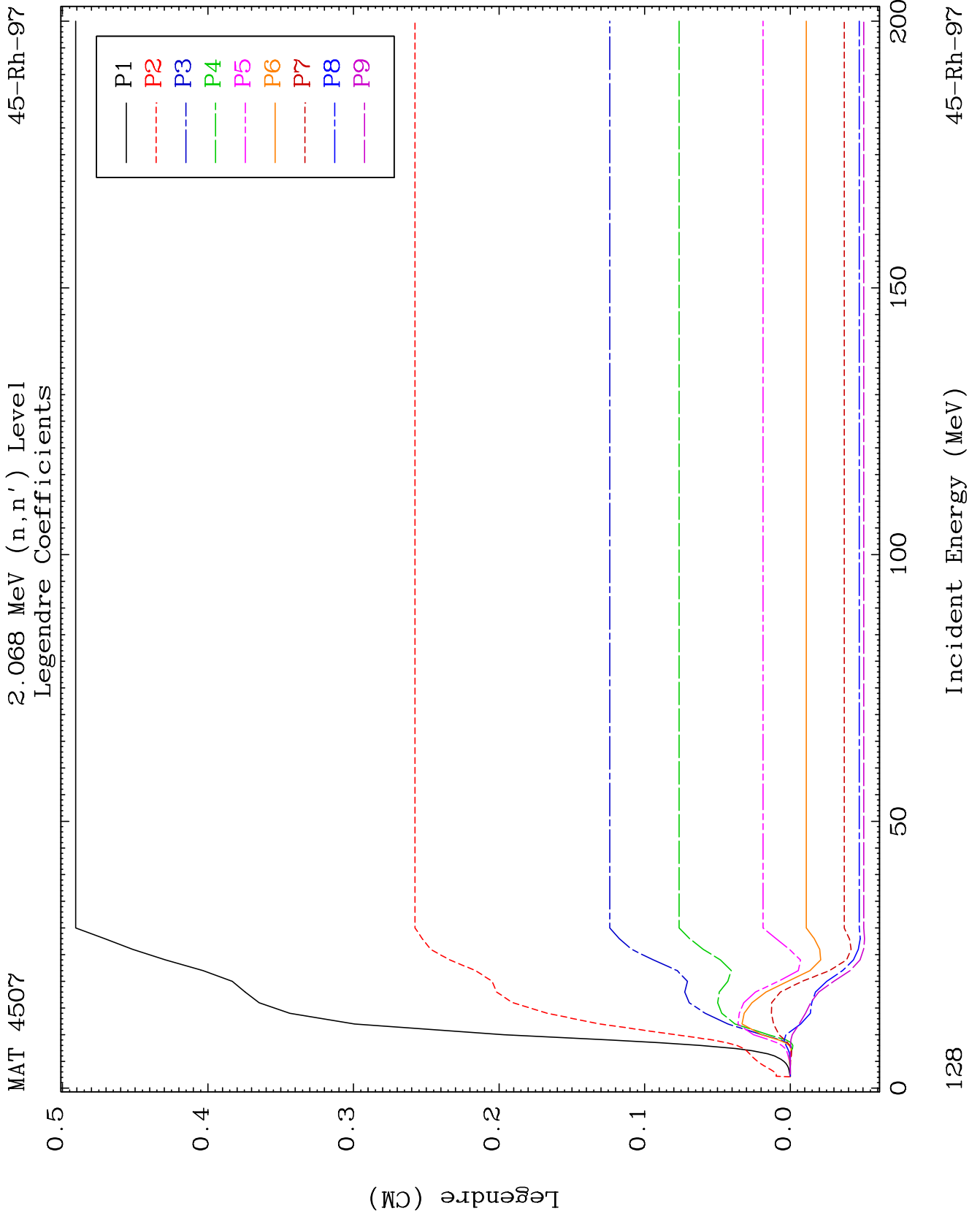


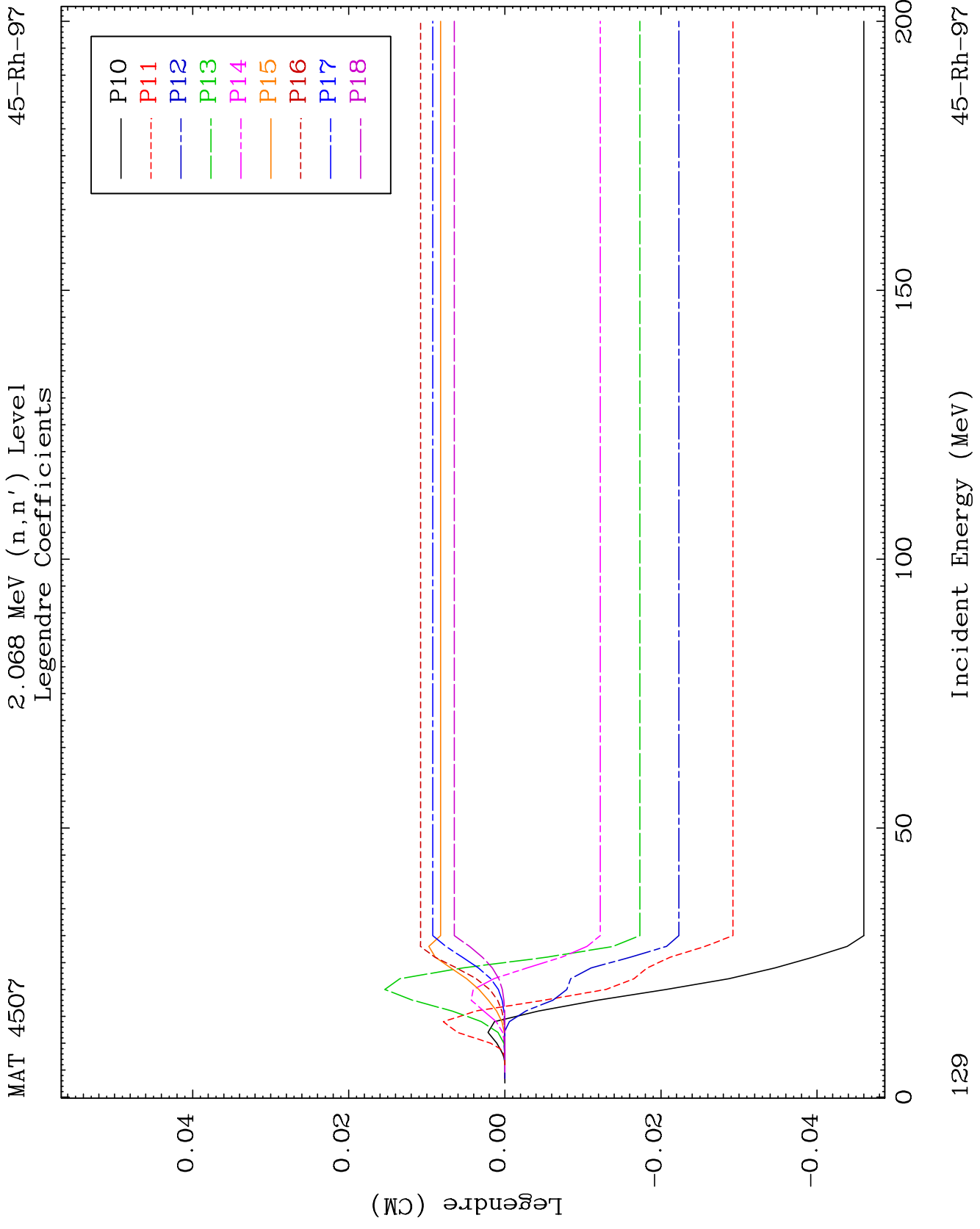


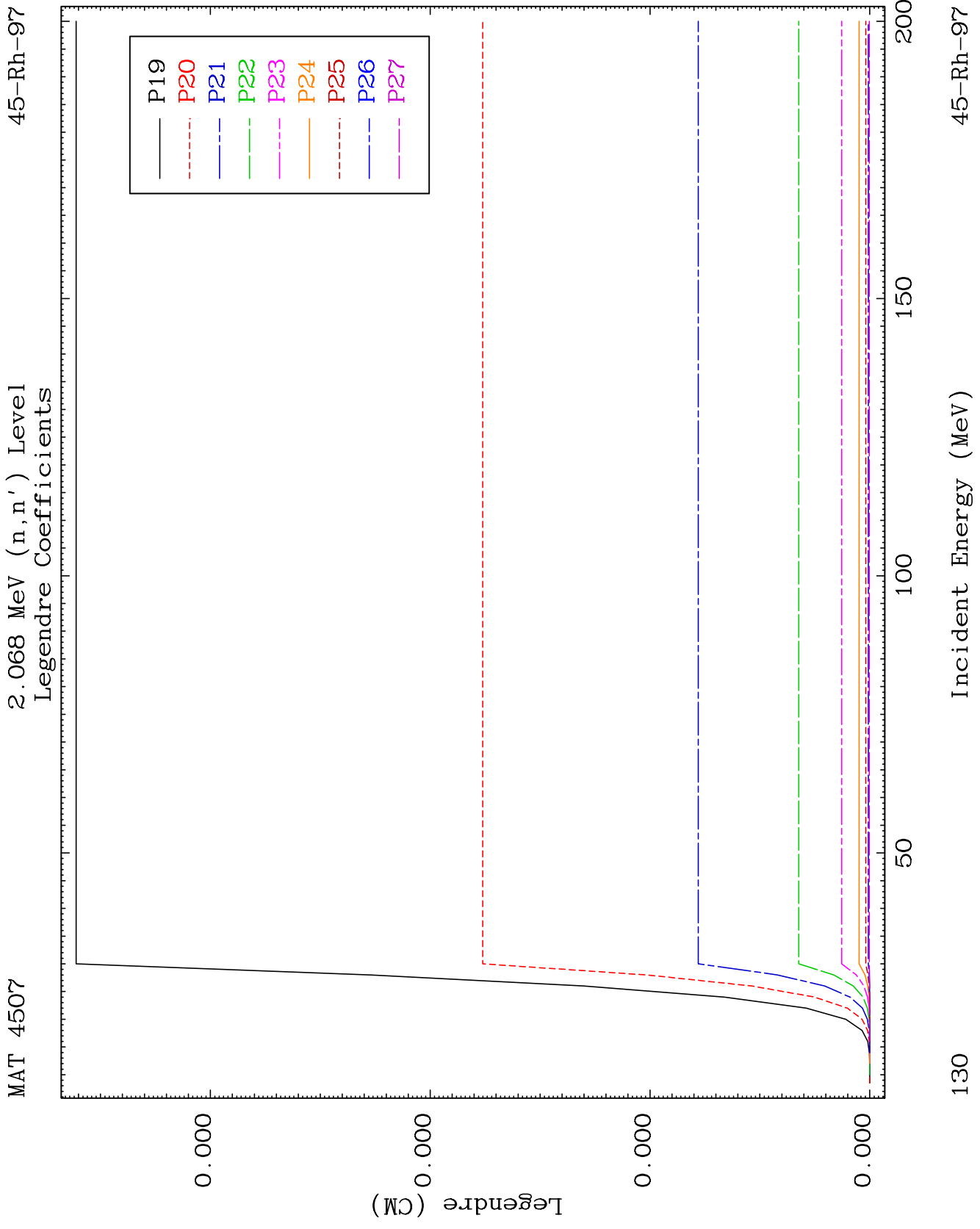


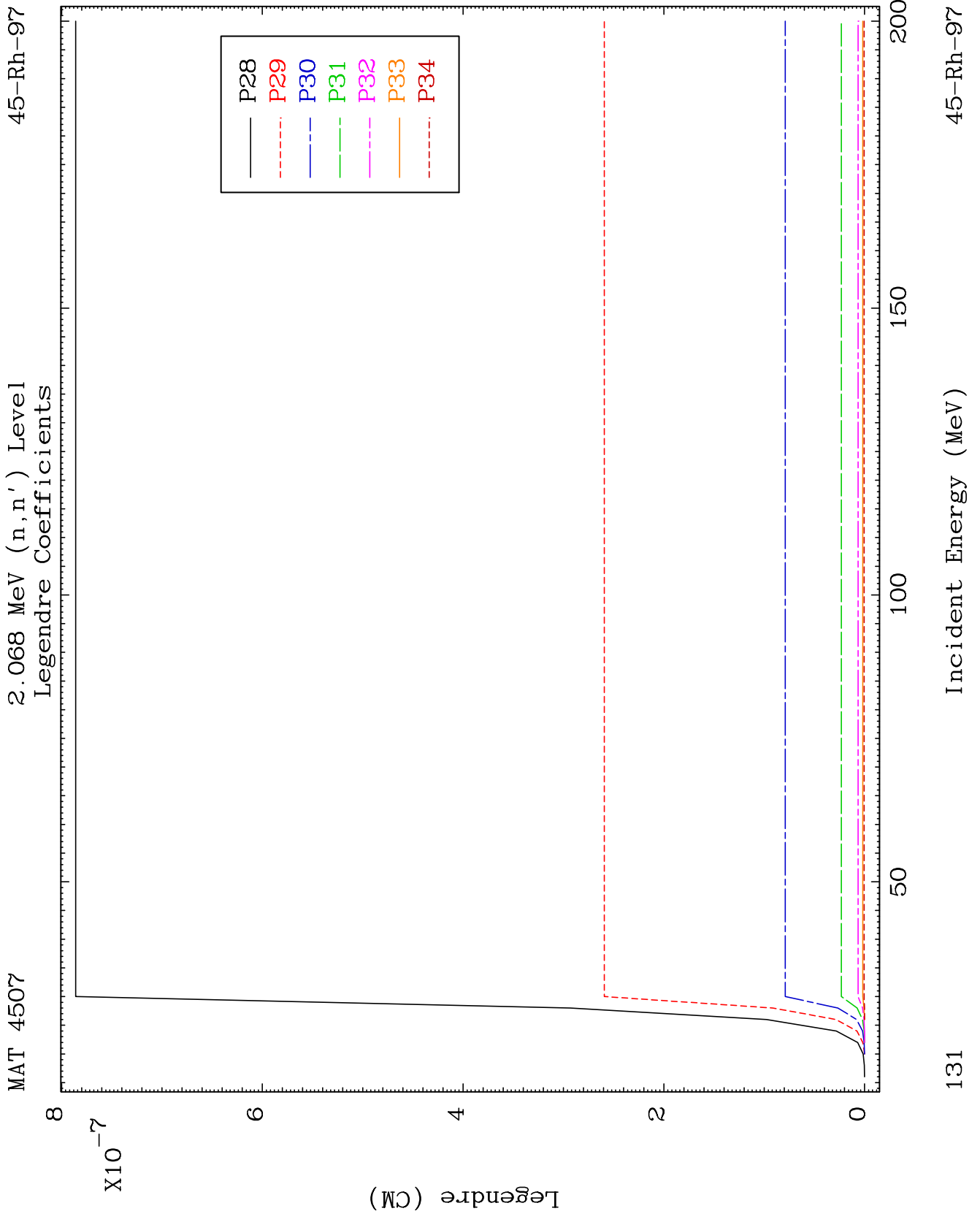








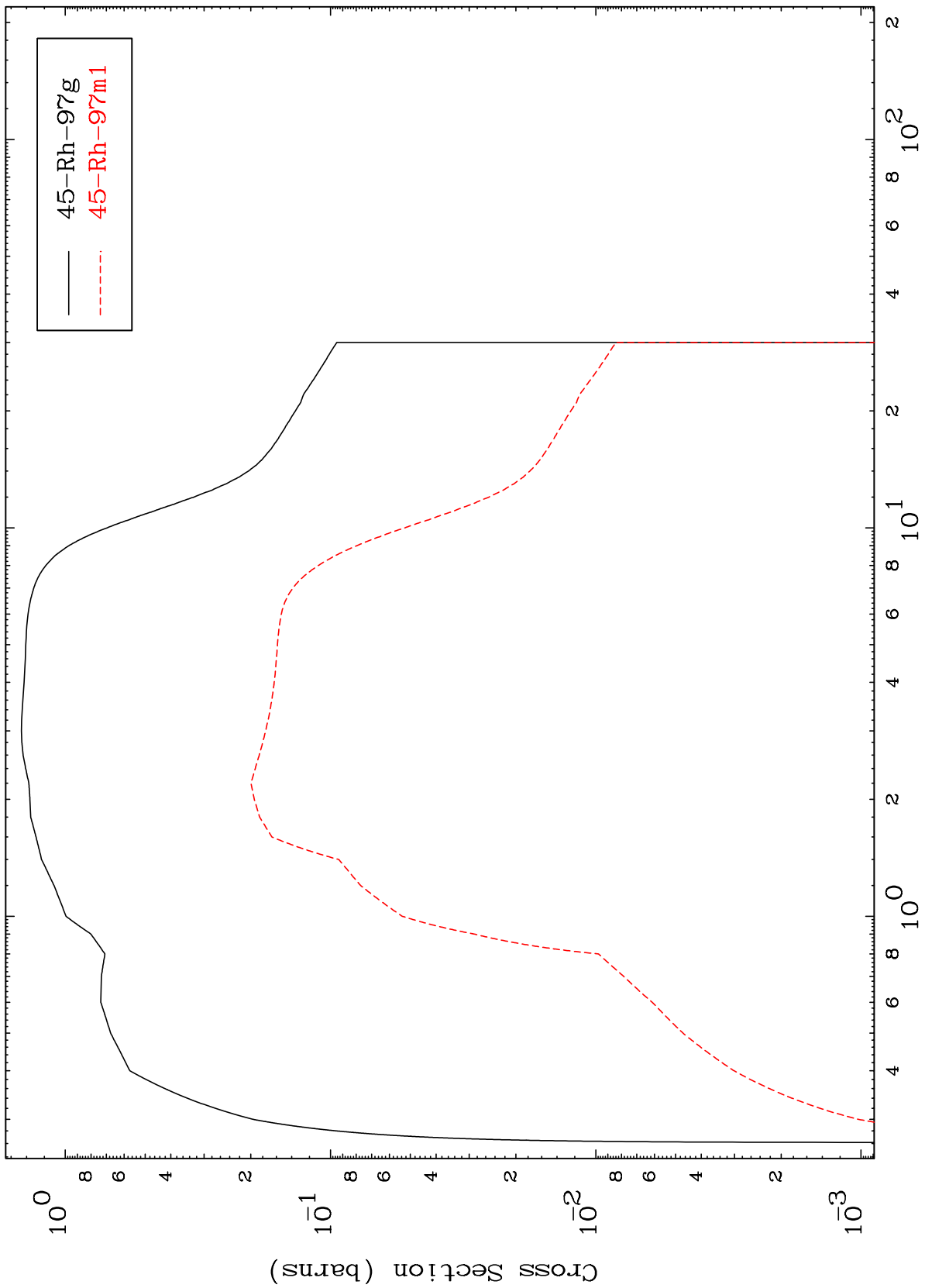




MAT 4507

45-Rh-97

Inelastic  
Radionuclide Production Cross Section



— 45-Rh-97g  
- - - 45-Rh-97m1

132

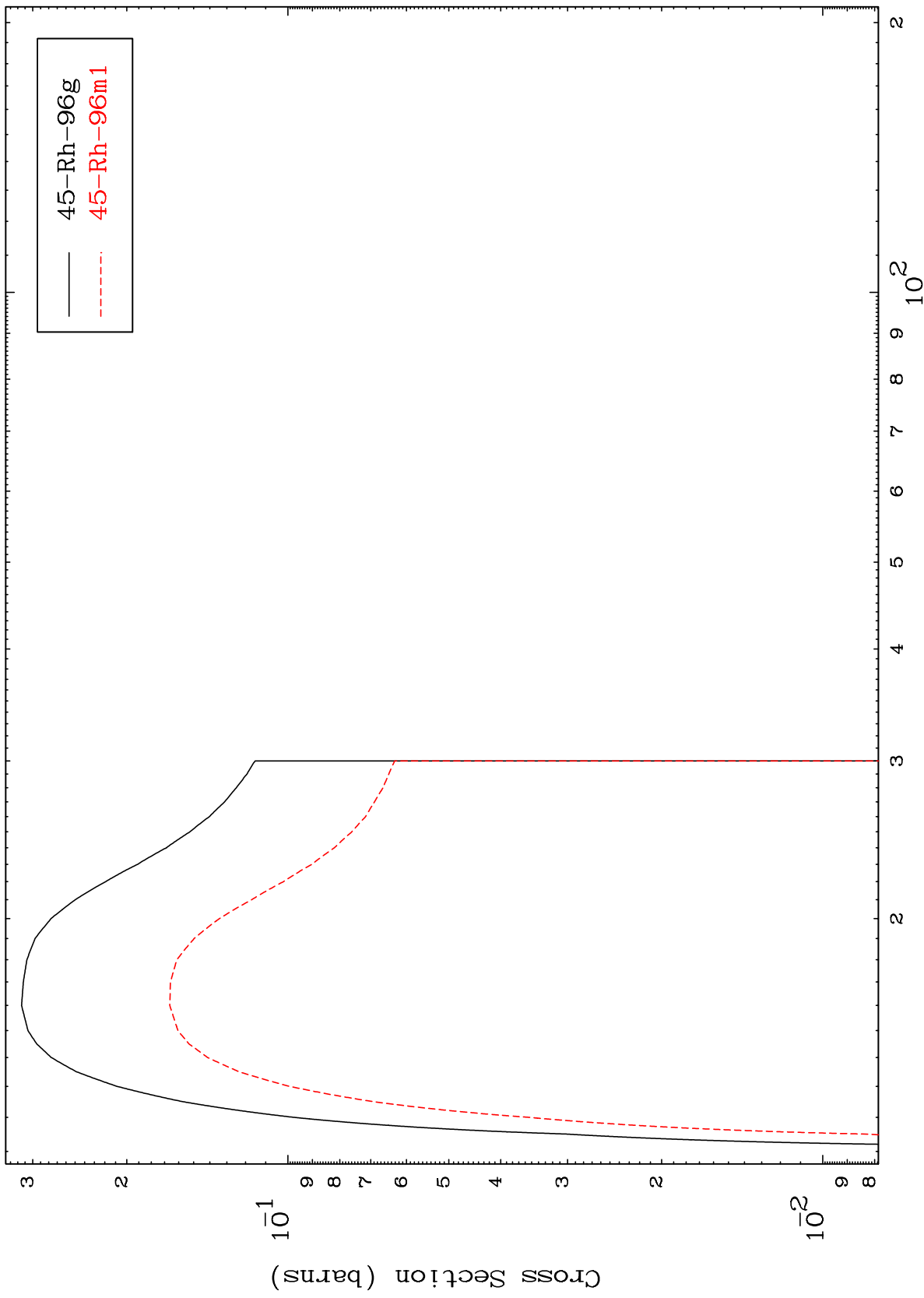
Incident Energy (MeV)

45-Rh-97

MAT 4507

45-Rh-97

(n,2n)  
Radionuclide Production Cross Section



133

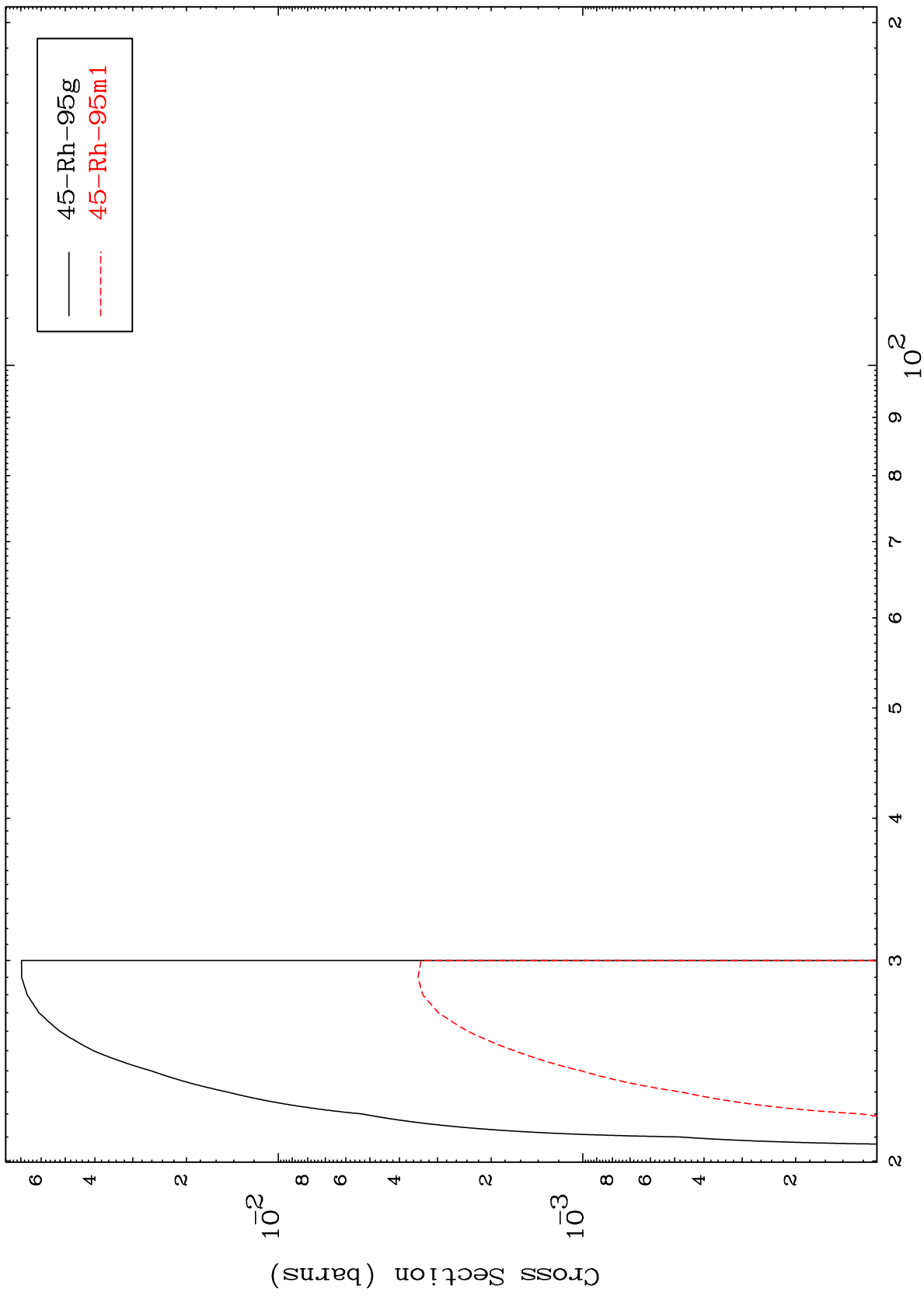
Incident Energy (MeV)

45-Rh-97

MAT 4507

45-Rh-97

(n,3n)  
Radionuclide Production Cross Section



134

Incident Energy (MeV)

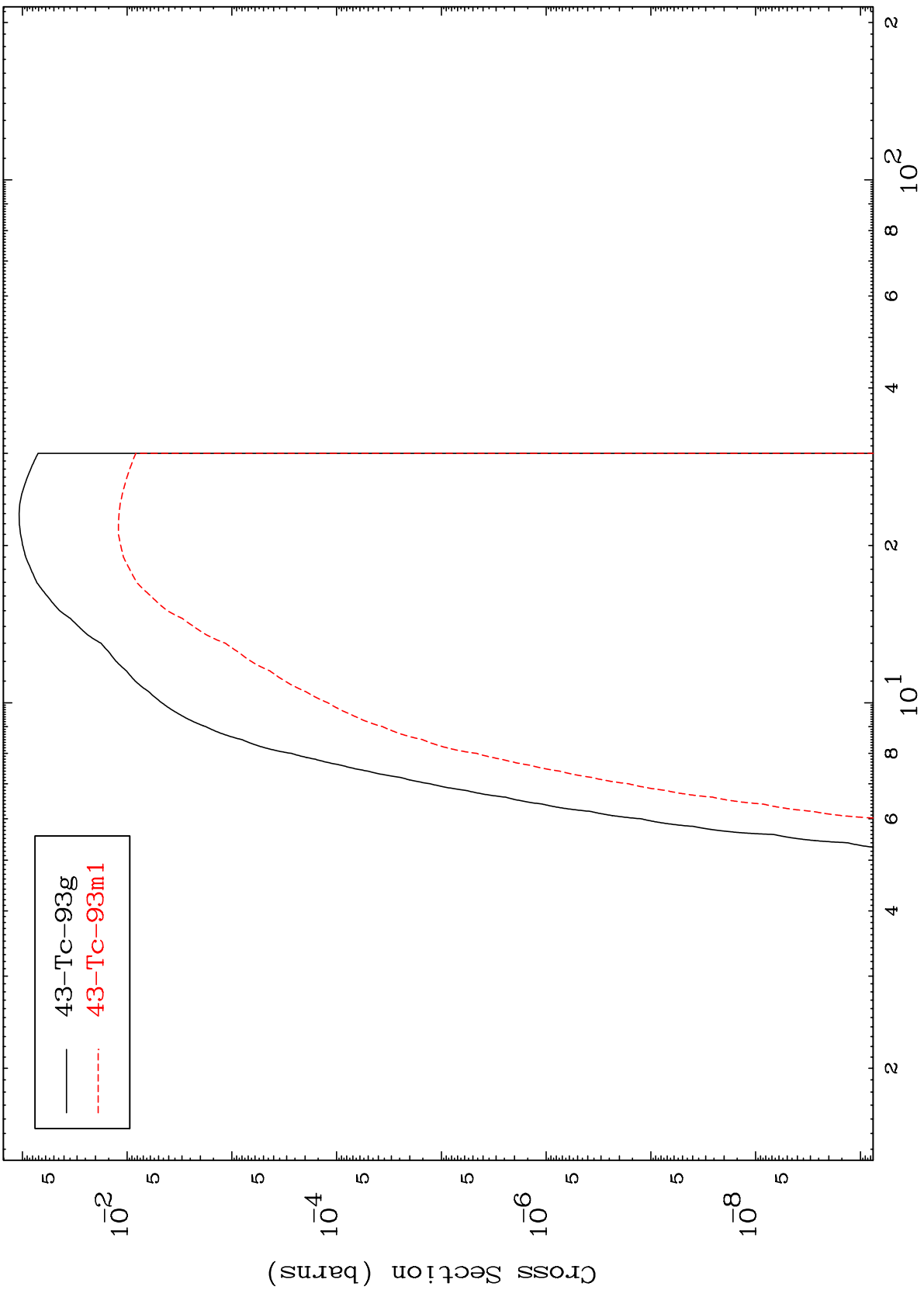
45-Rh-97

MAT 4507

(n,n')  $\alpha$

45-Rh-97

Radionuclide Production Cross Section



135

Incident Energy (MeV)

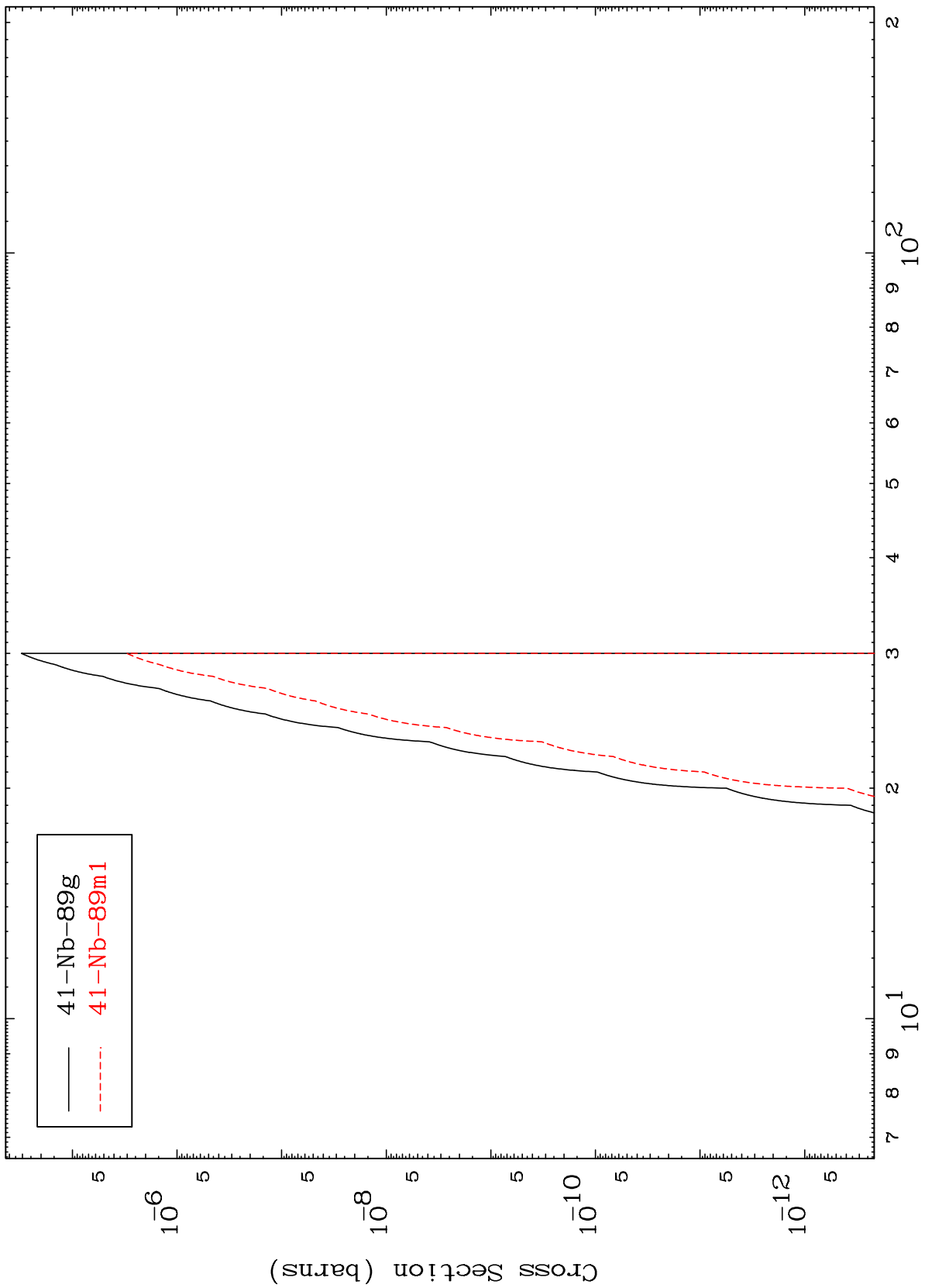
45-Rh-97



MAT 4507

45-Rh-97

(n,n') 2α  
Radionuclide Production Cross Section



136

Incident Energy (MeV)

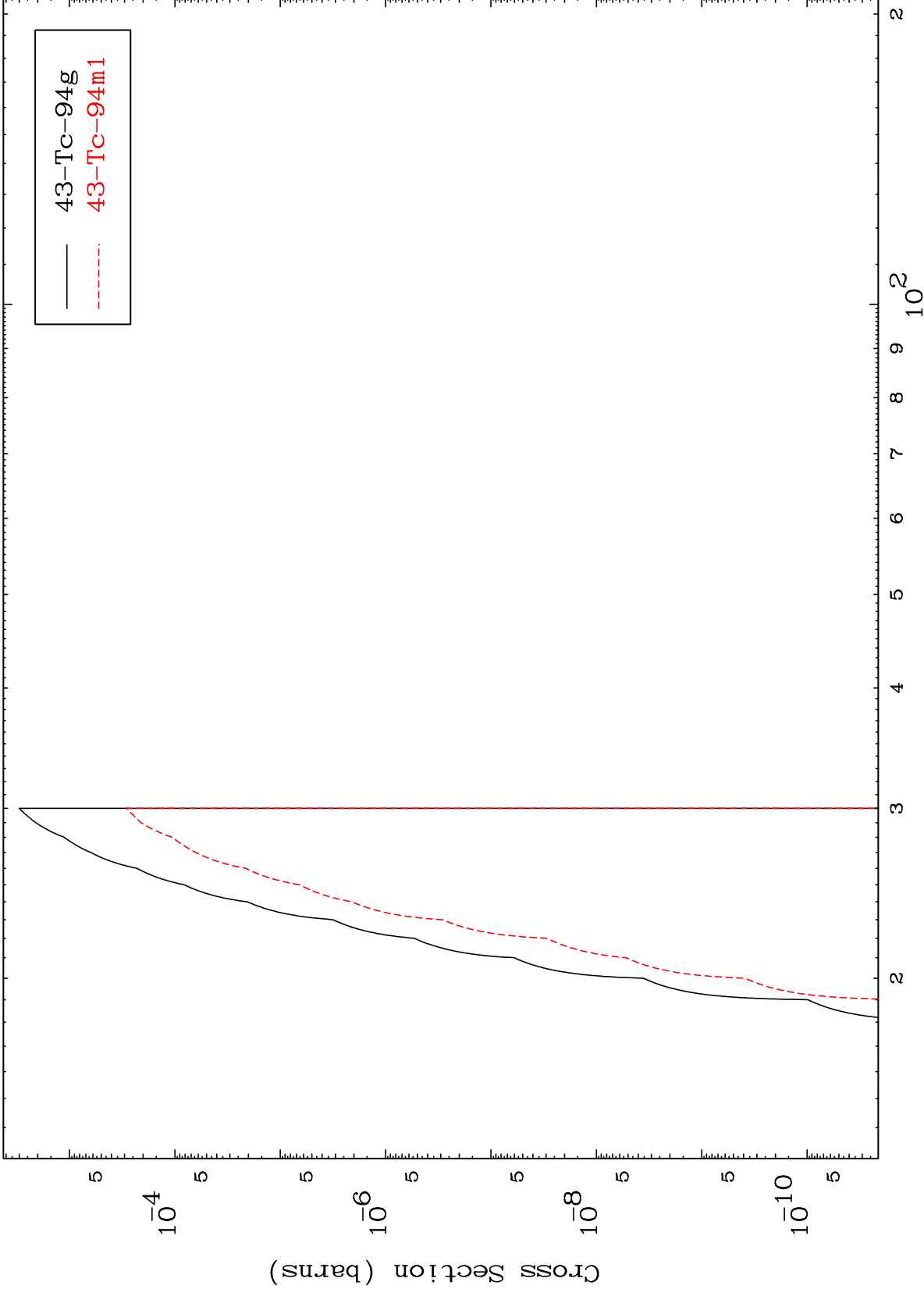
45-Rh-97

MAT 4507

(n,n') He-3

45-Rh-97

Radionuclide Production Cross Section

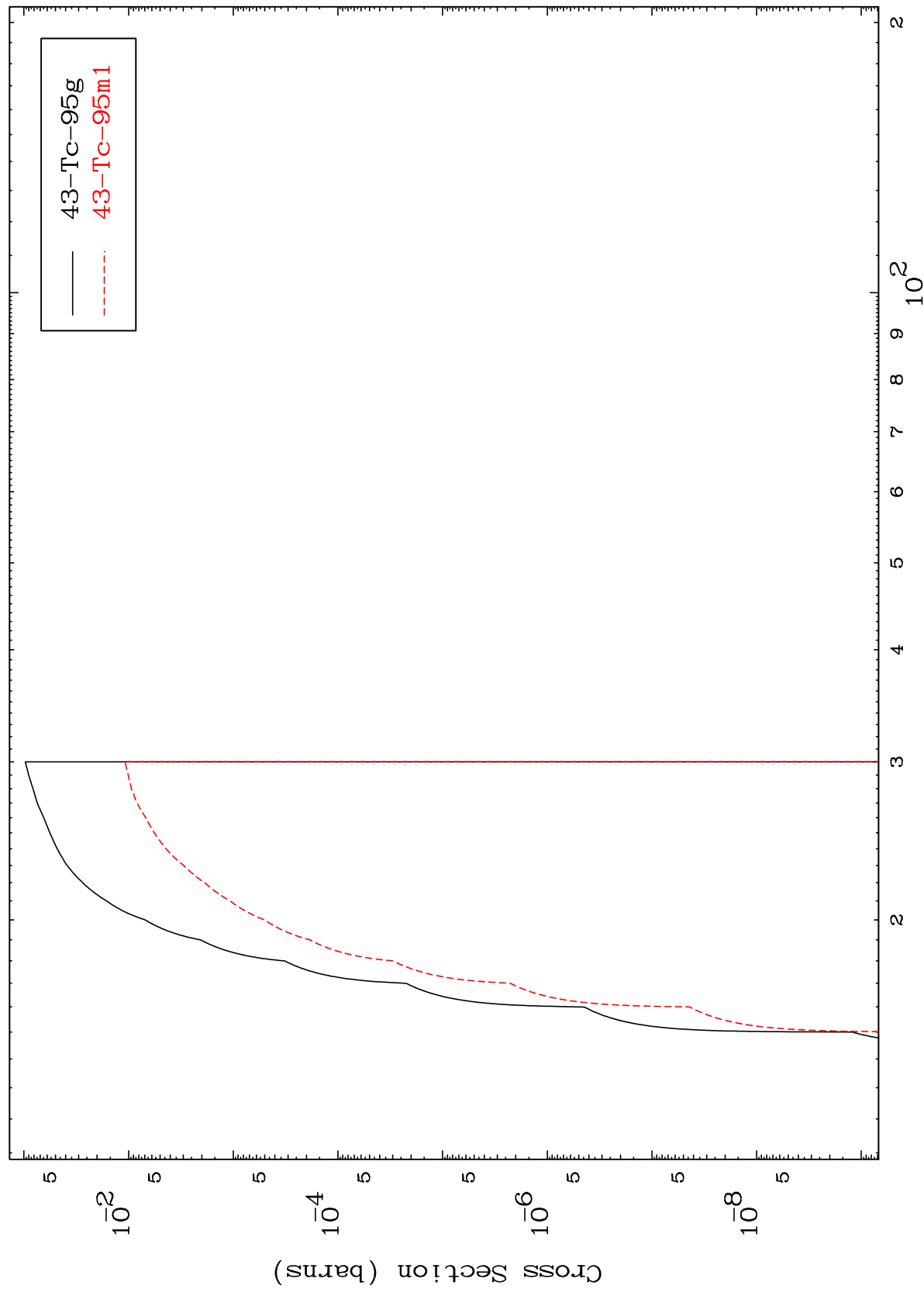


137

Incident Energy (MeV)

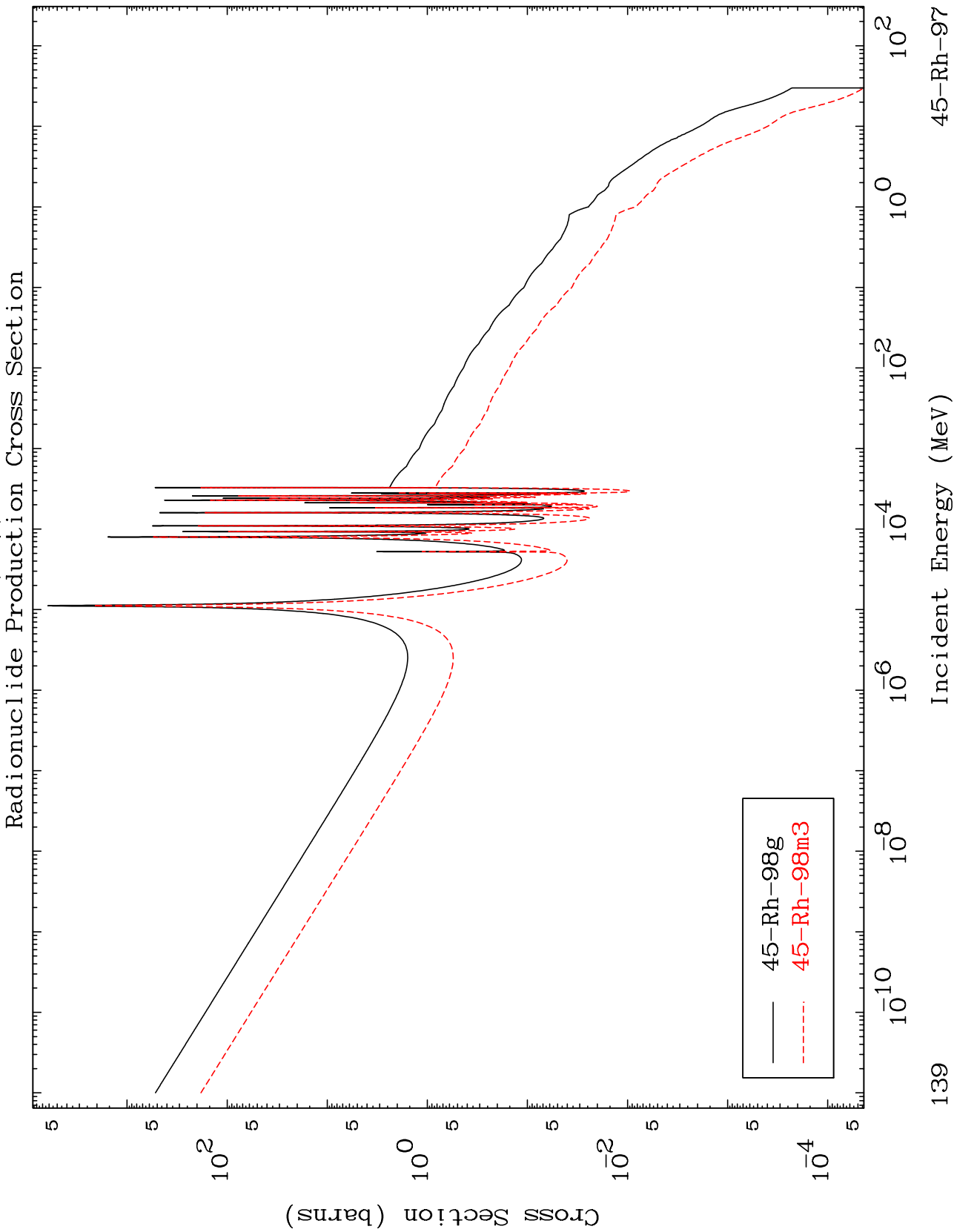
45-Rh-97

Radionuclide Production Cross Section



MAT 4507

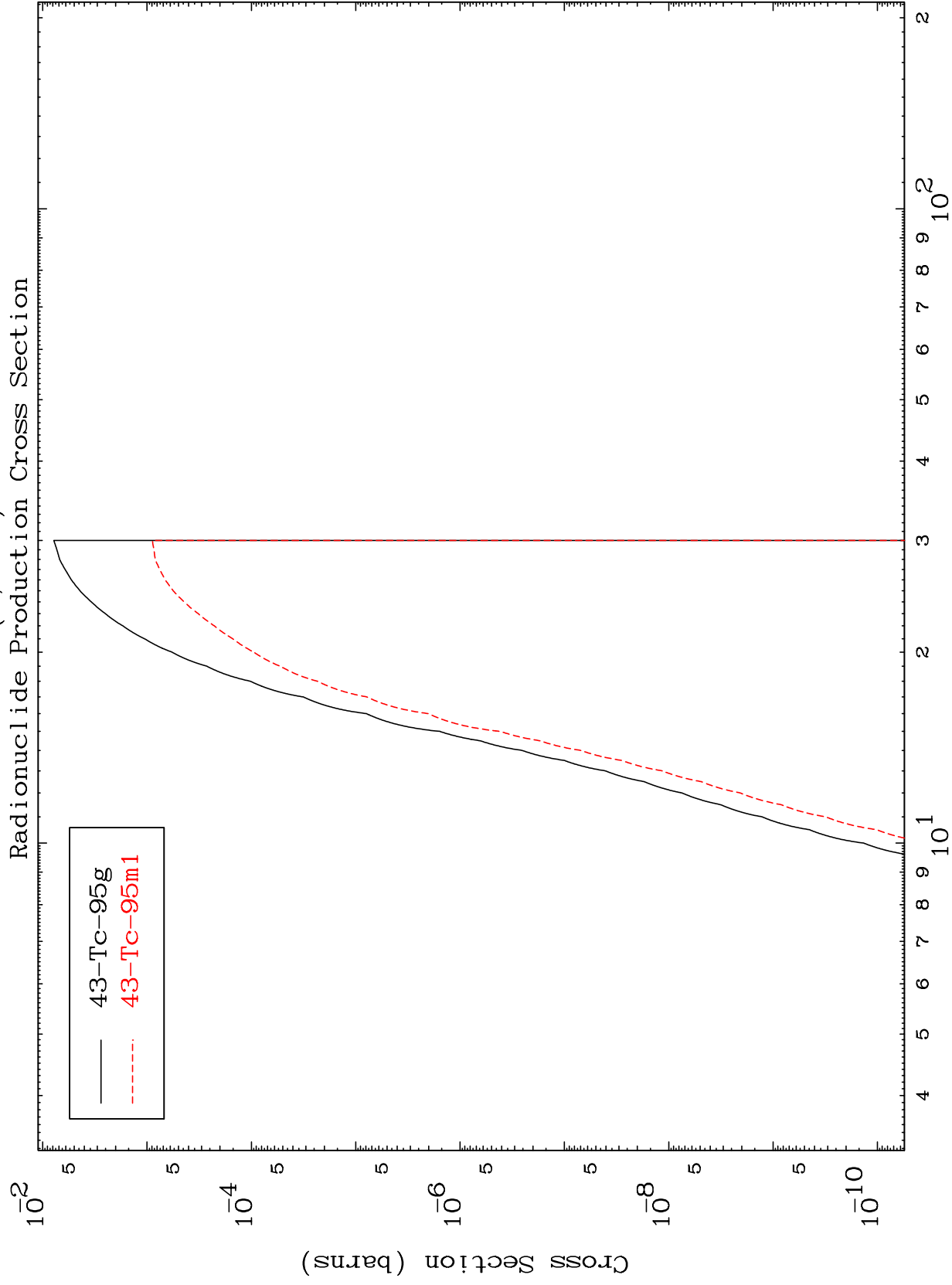
45-Rh-97



MAT 4507

(n,He-3)

45-Rh-97



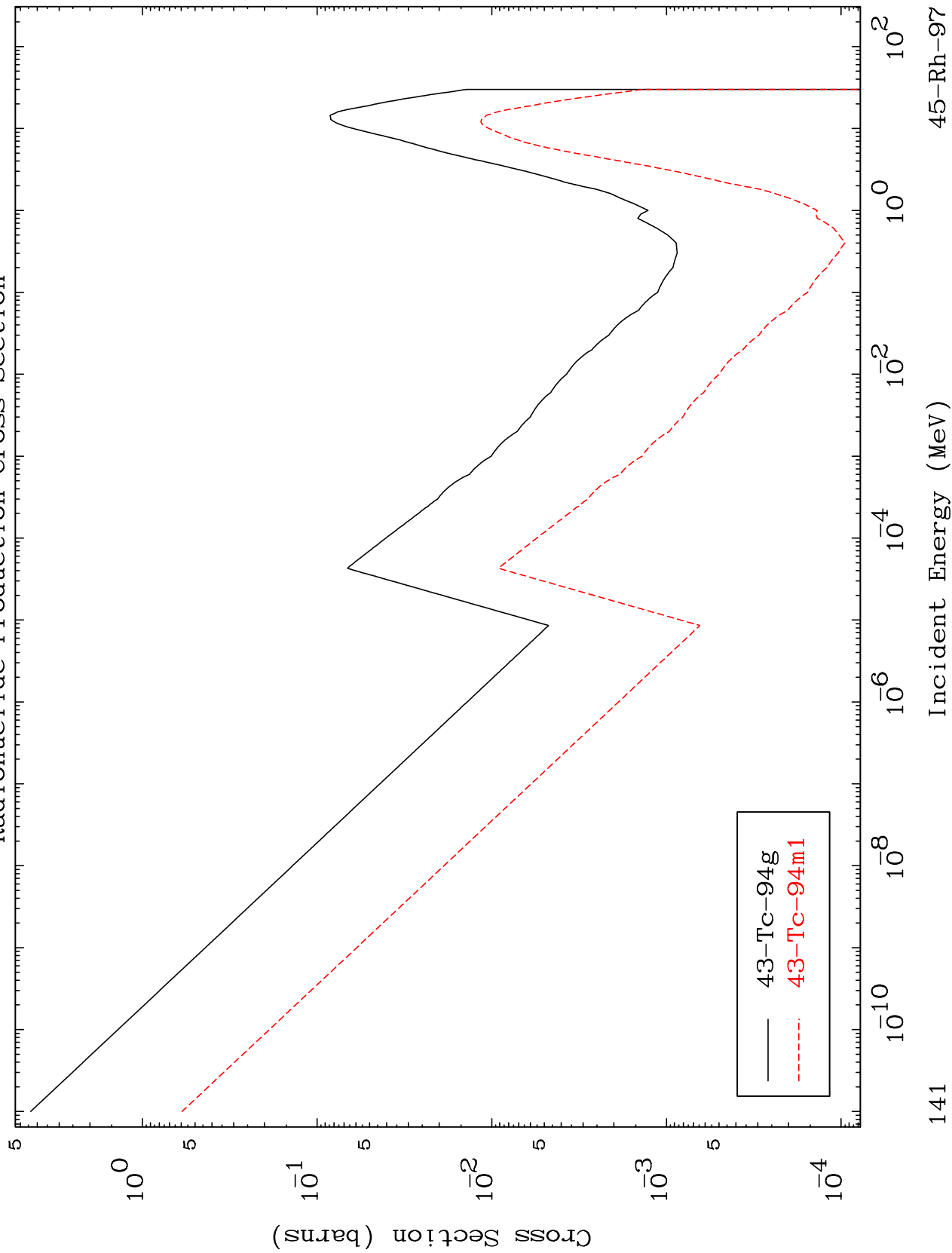
140

45-Rh-97

MAT 4507

45-Rh-97

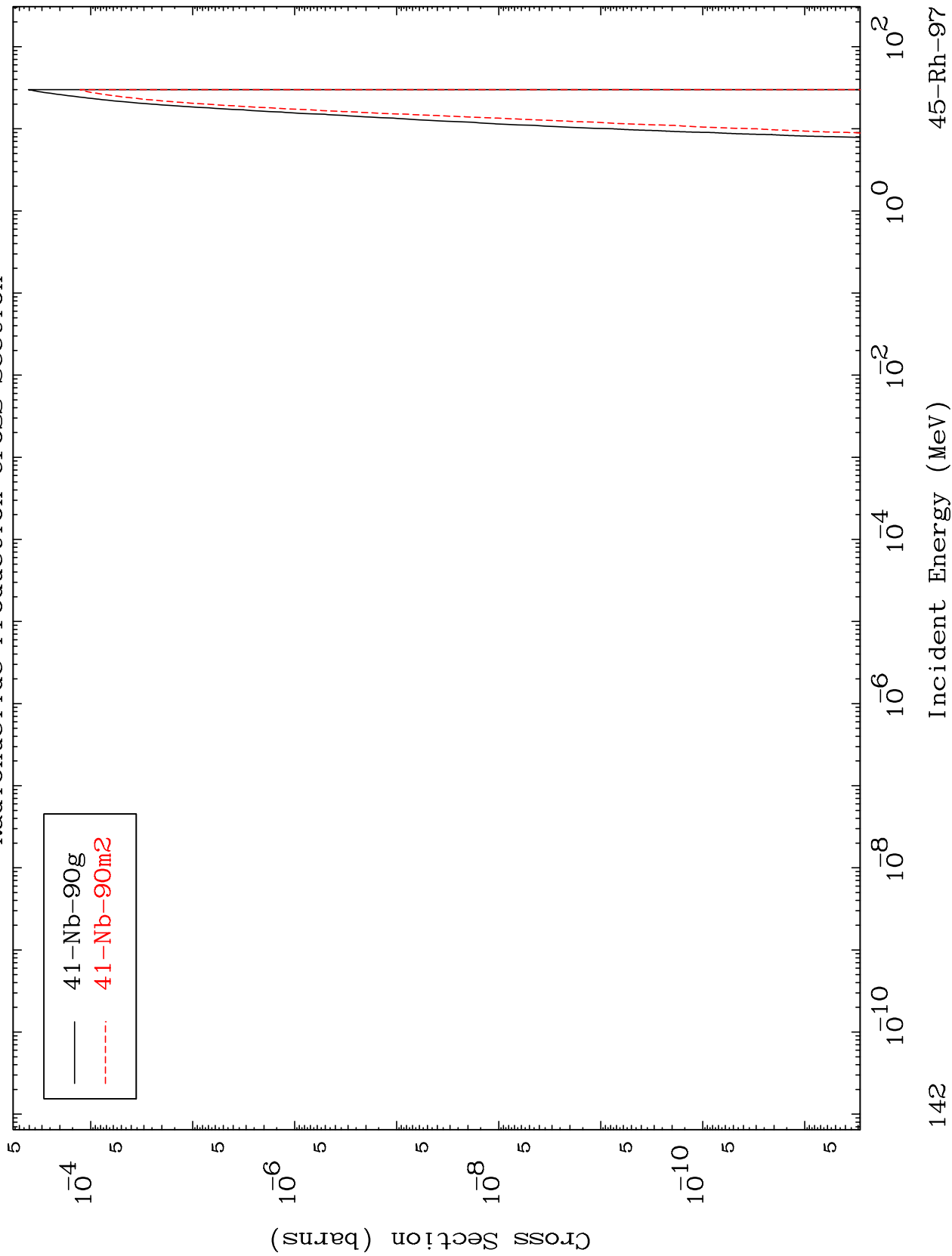
$(n, \alpha)$   
Radionuclide Production Cross Section



MAT 4507

45-Rh-97

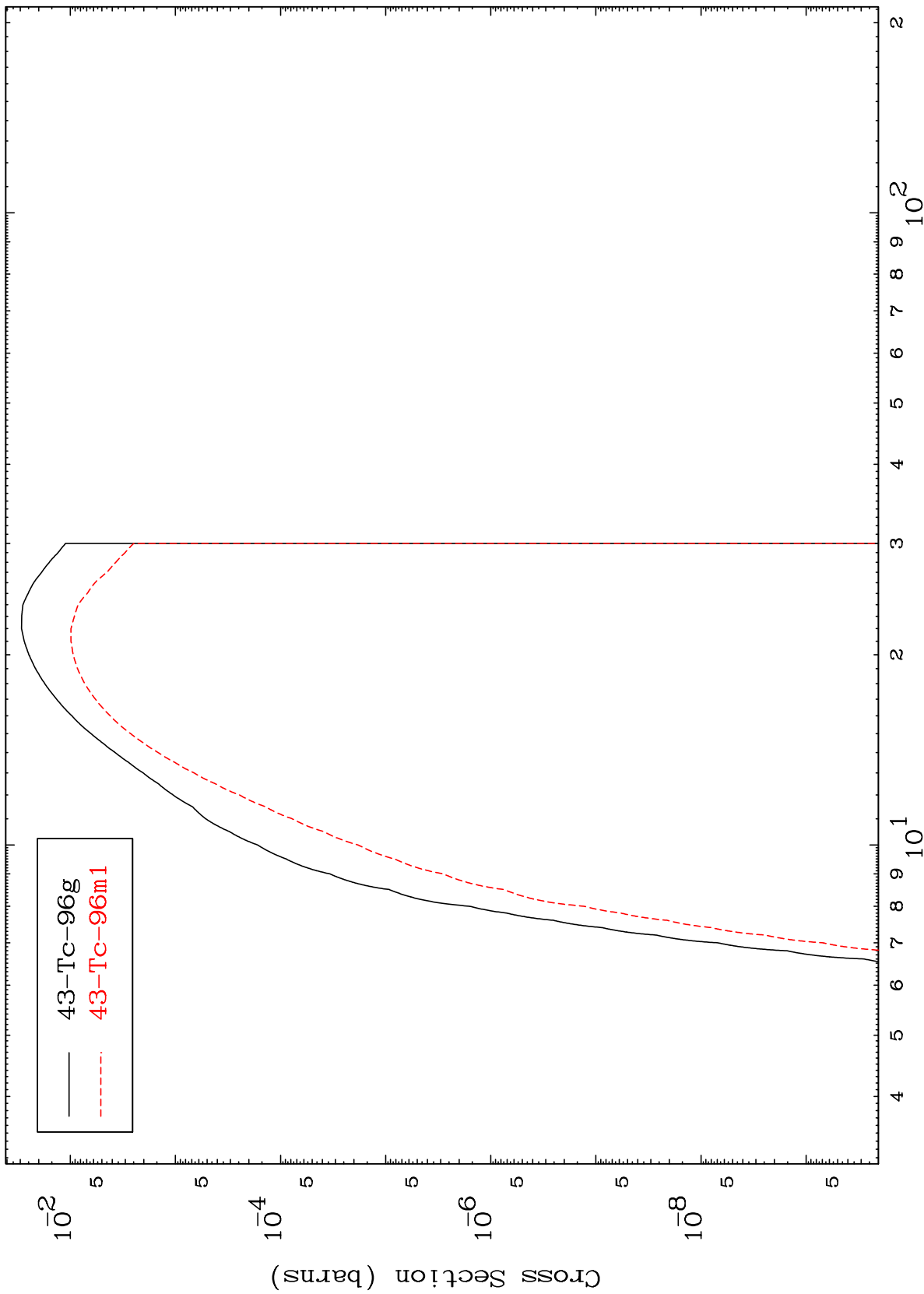
(n,2α)  
Radionuclide Production Cross Section



MAT 4507

45-Rh-97

(n,2p)  
Radionuclide Production Cross Section



45-Rh-97

Incident Energy (MeV)

143

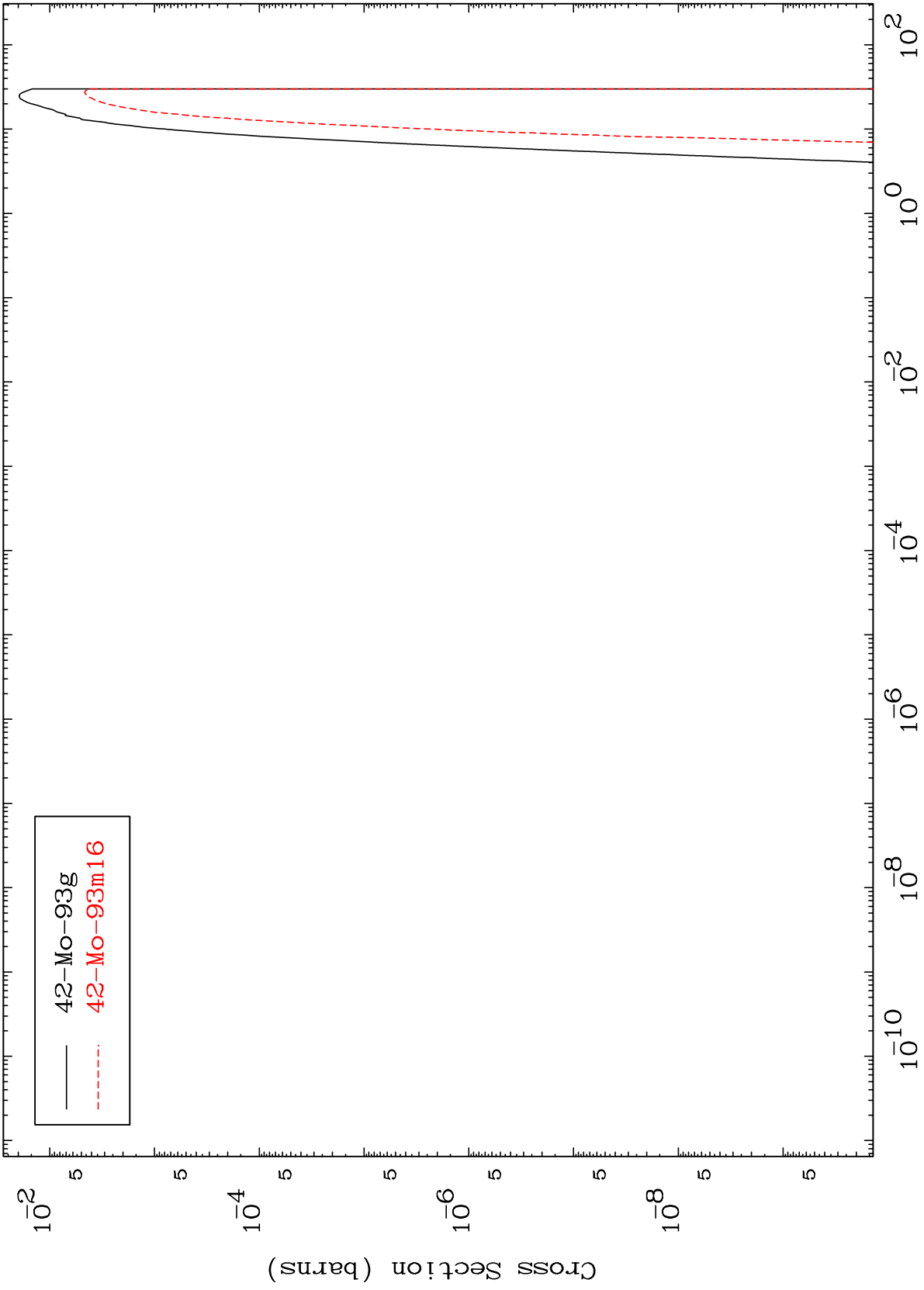


MAT 4507

(n,p)  $\alpha$

45-Rh-97

Radionuclide Production Cross Section



144

Incident Energy (MeV)

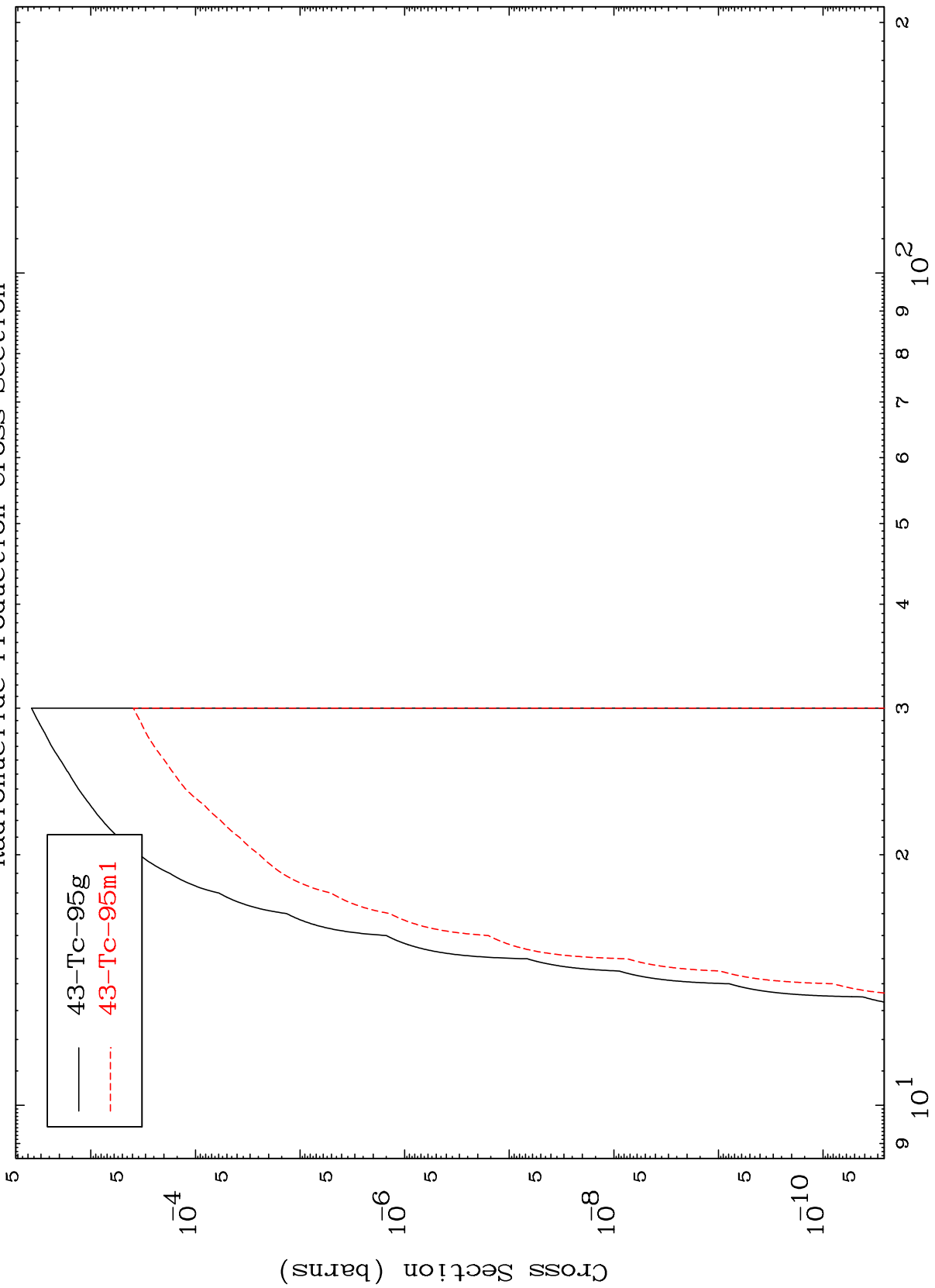
45-Rh-97

MAT 4507

(n,p) d

45-Rh-97

Radionuclide Production Cross Section



43-Tc-95g  
43-Tc-95m1

Incident Energy (MeV)

45-Rh-97

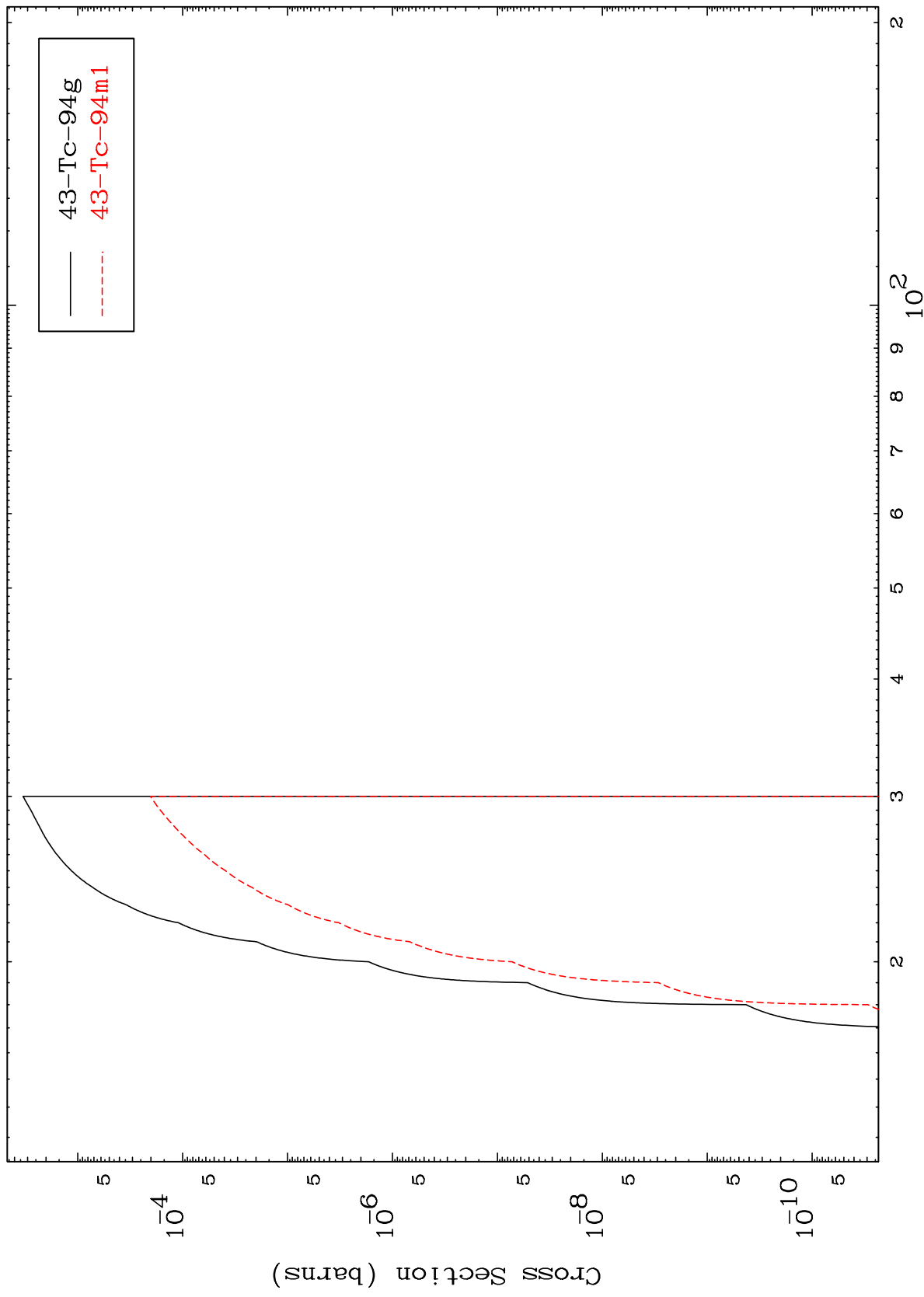
145

MAT 4507

(n,p) t

45-Rh-97

Radionuclide Production Cross Section



146

Incident Energy (MeV)

45-Rh-97