

Program EVALPLOT
(Version 2015-2)

by

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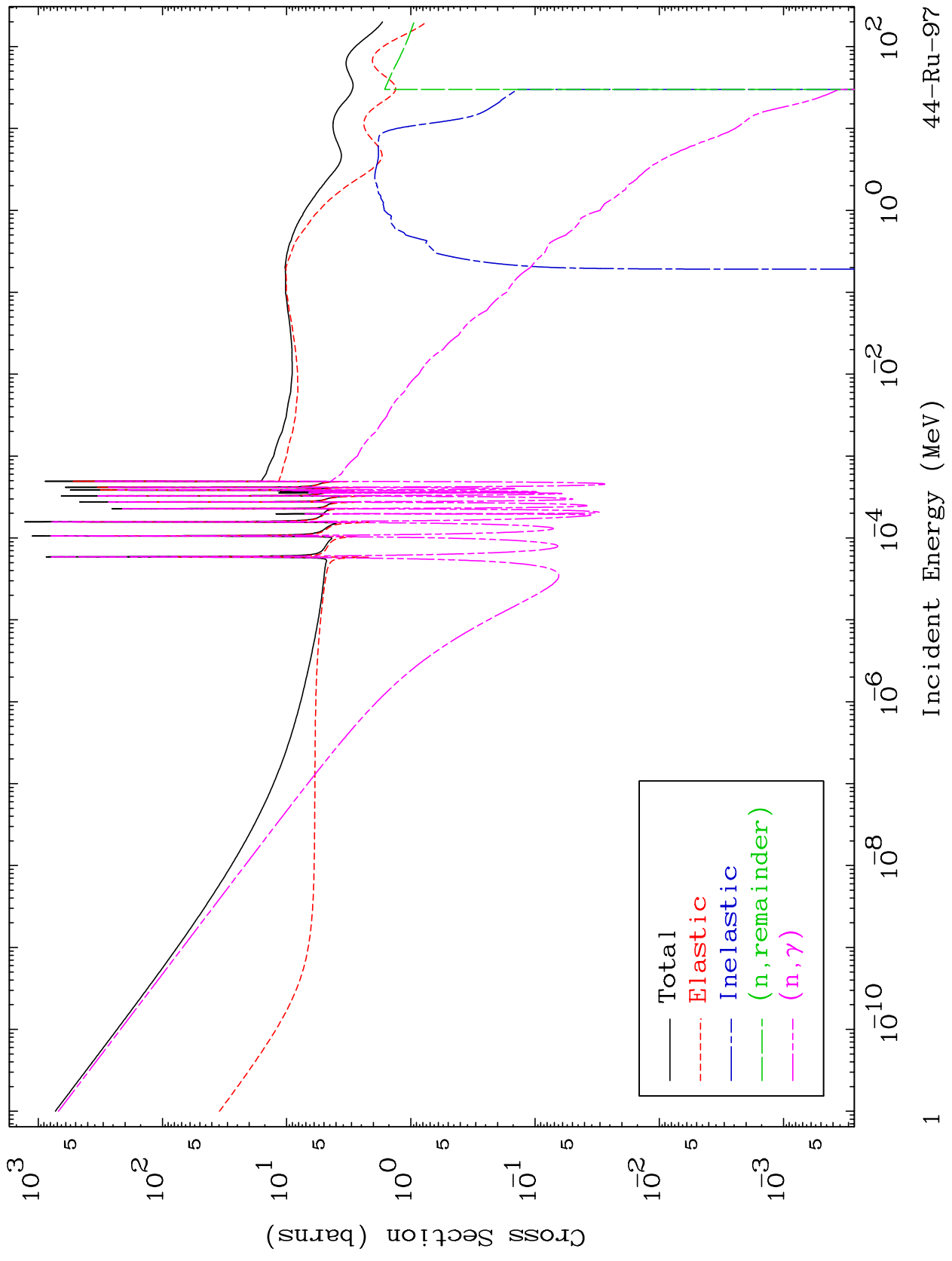
Press Mouse Button to Start

MAT 4428

Major

293 Kelvin Cross Sections

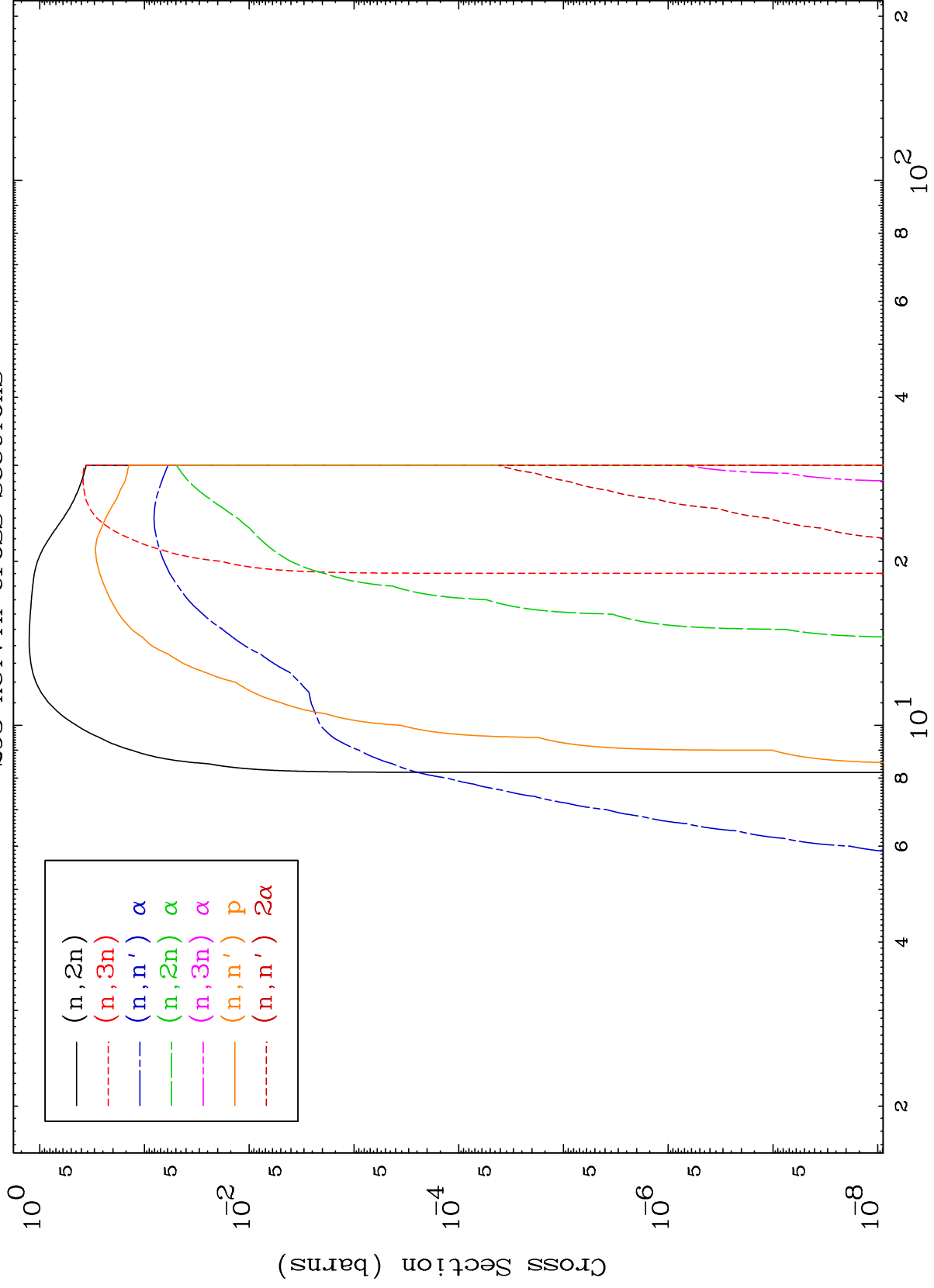
44-Ru-97



MAT 4428

Neutron Production
293 Kelvin Cross Sections

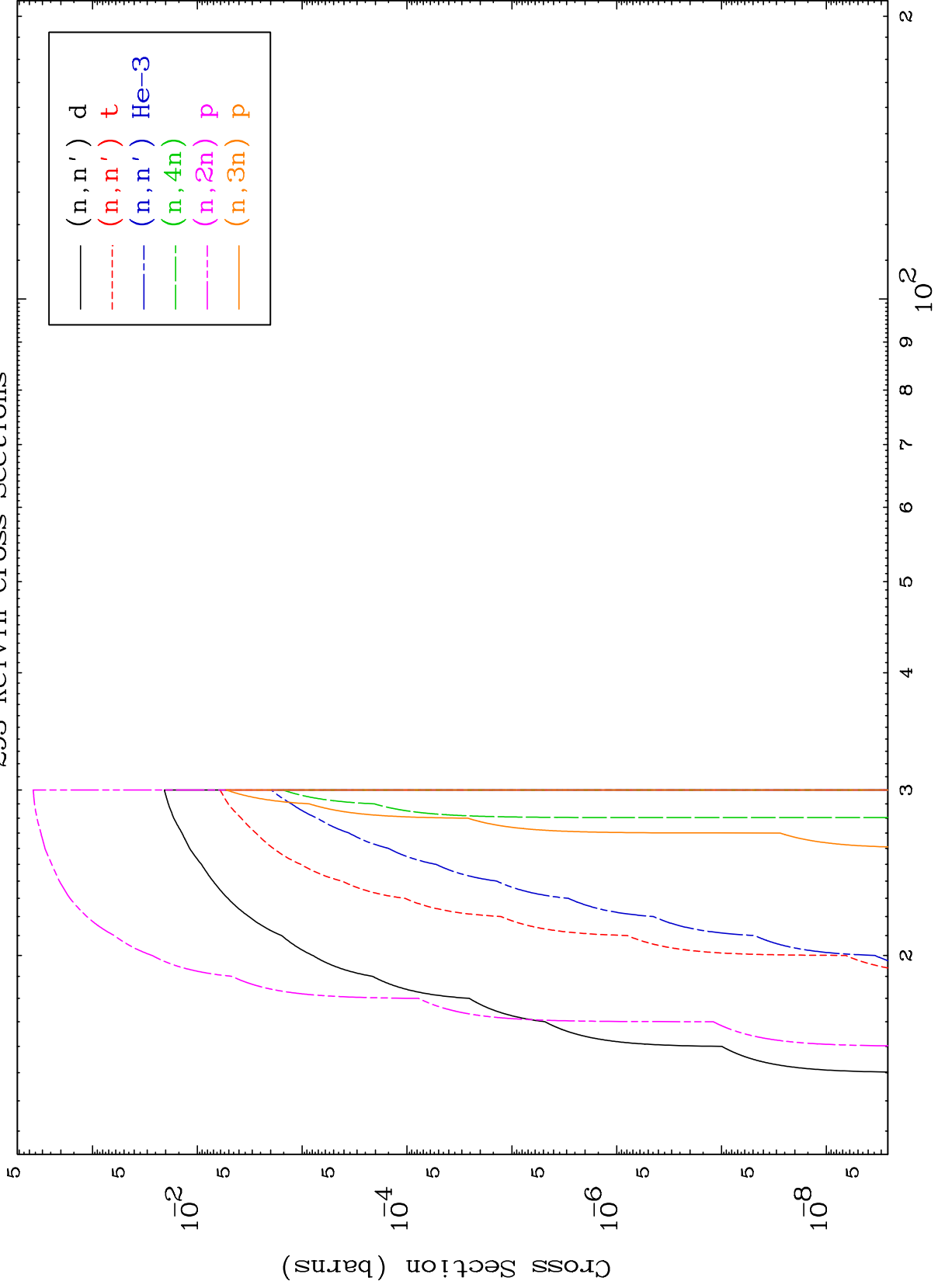
44-Ru-97

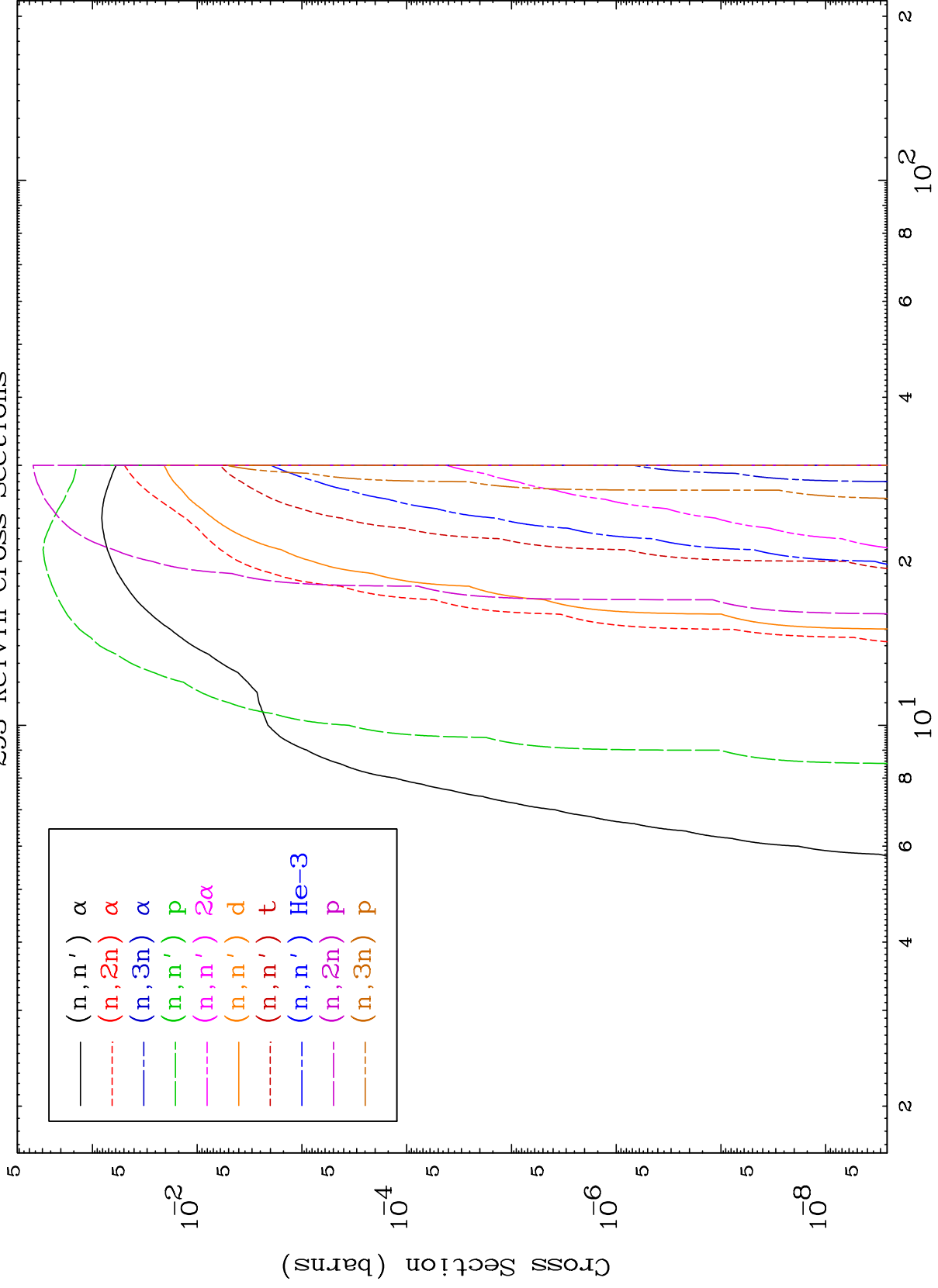


44-Ru-97

Incident Energy (MeV)

2

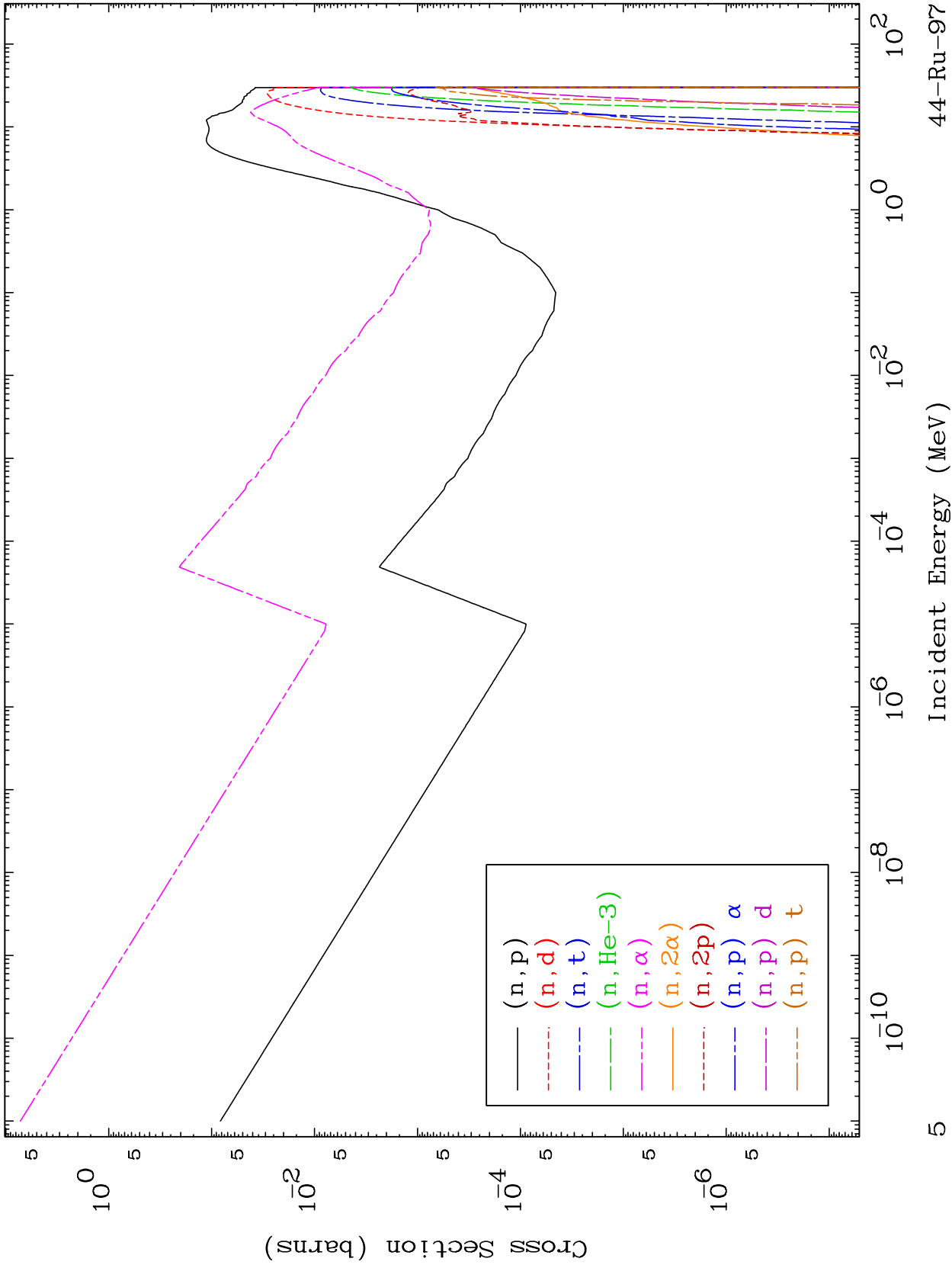




MAT 4428

Charged Particle
293 Kelvin Cross Sections

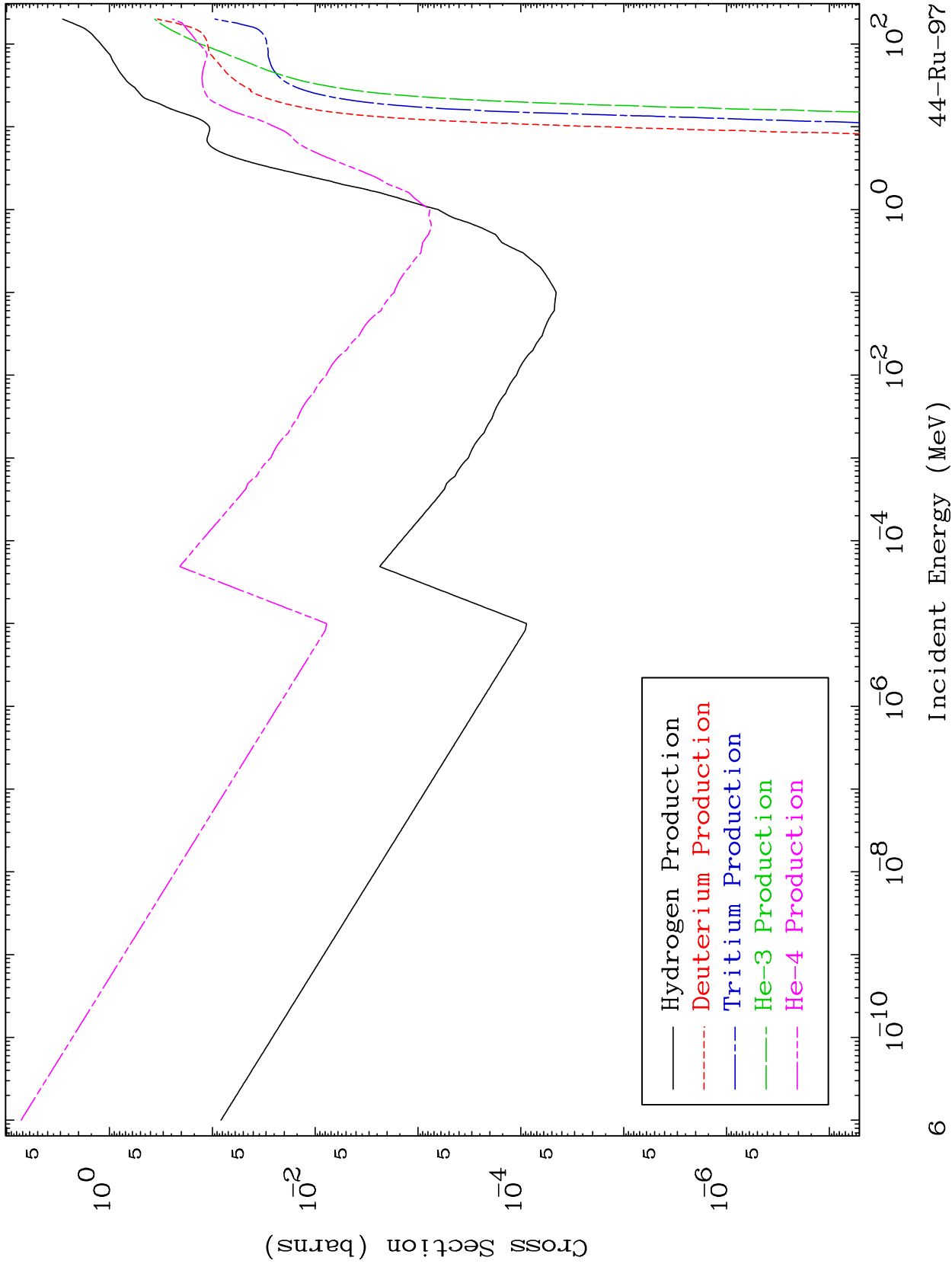
44-Ru-97



MAT 4428

Particle Production
293 Kelvin Cross Sections

44-Ru-97

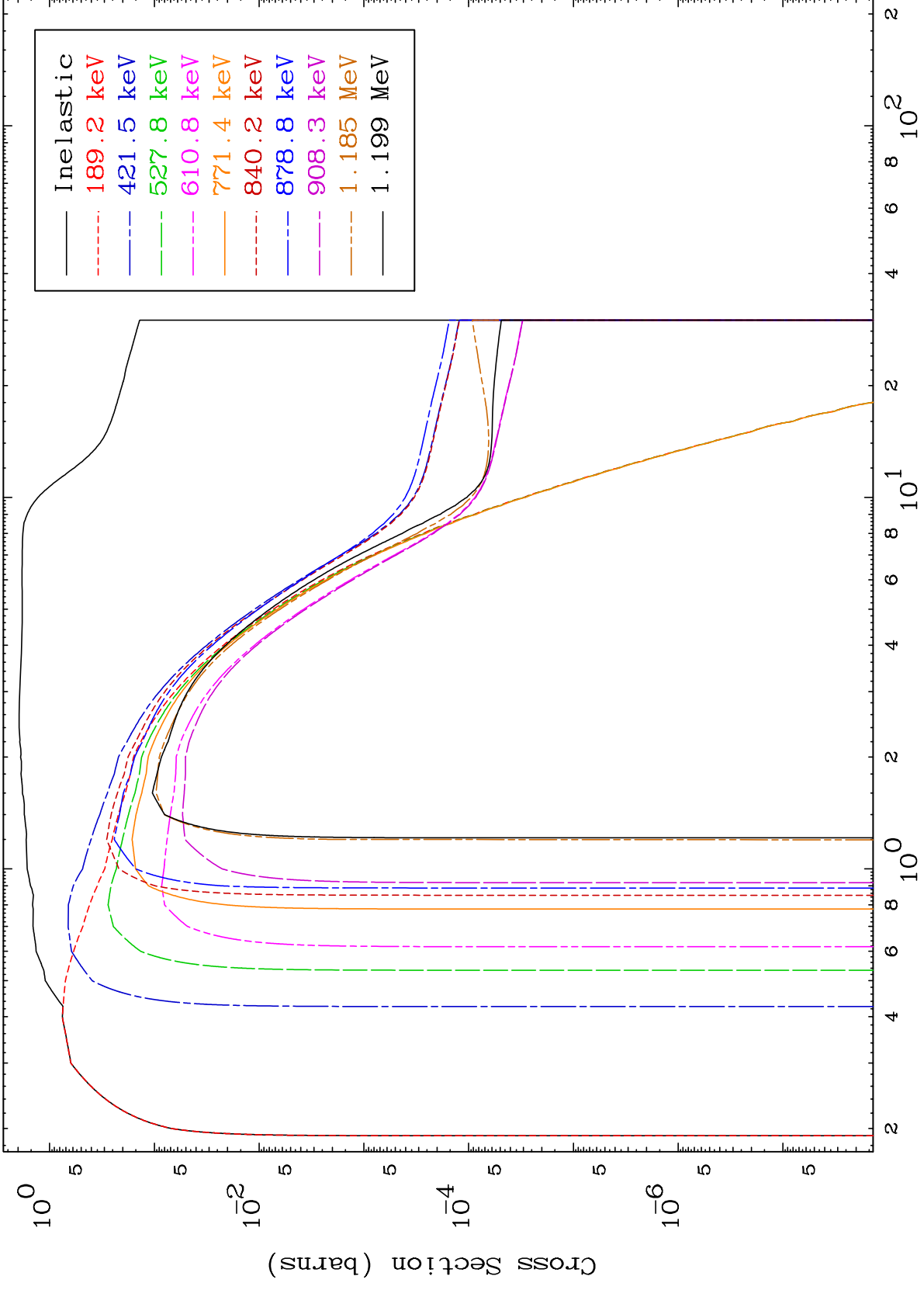


MAT 4428

(n,n') Level

44-Ru-97

293 Kelvin Cross Sections



7

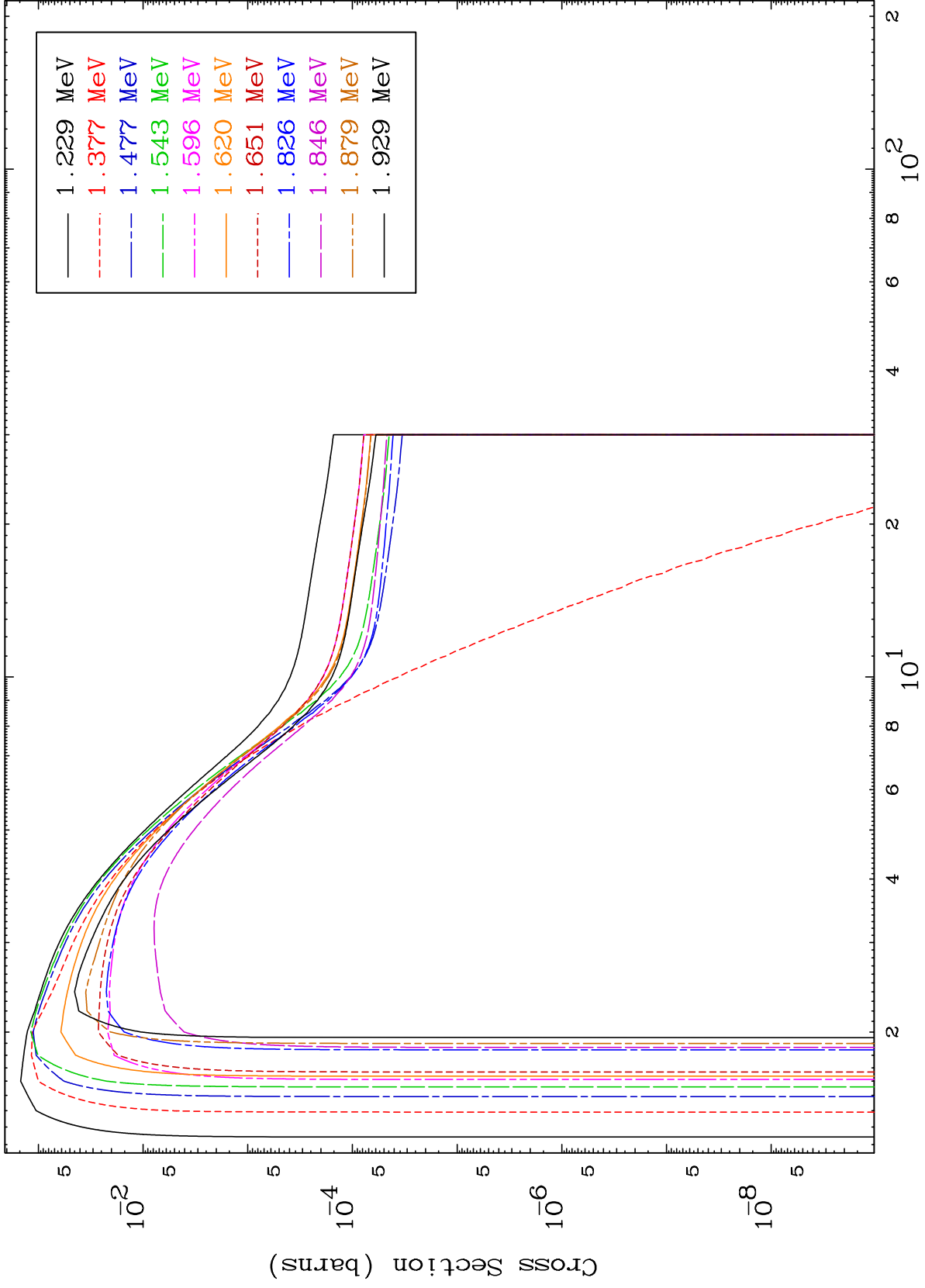
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,n') Level
293 Kelvin Cross Sections

44-Ru-97



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Incident Energy (MeV)

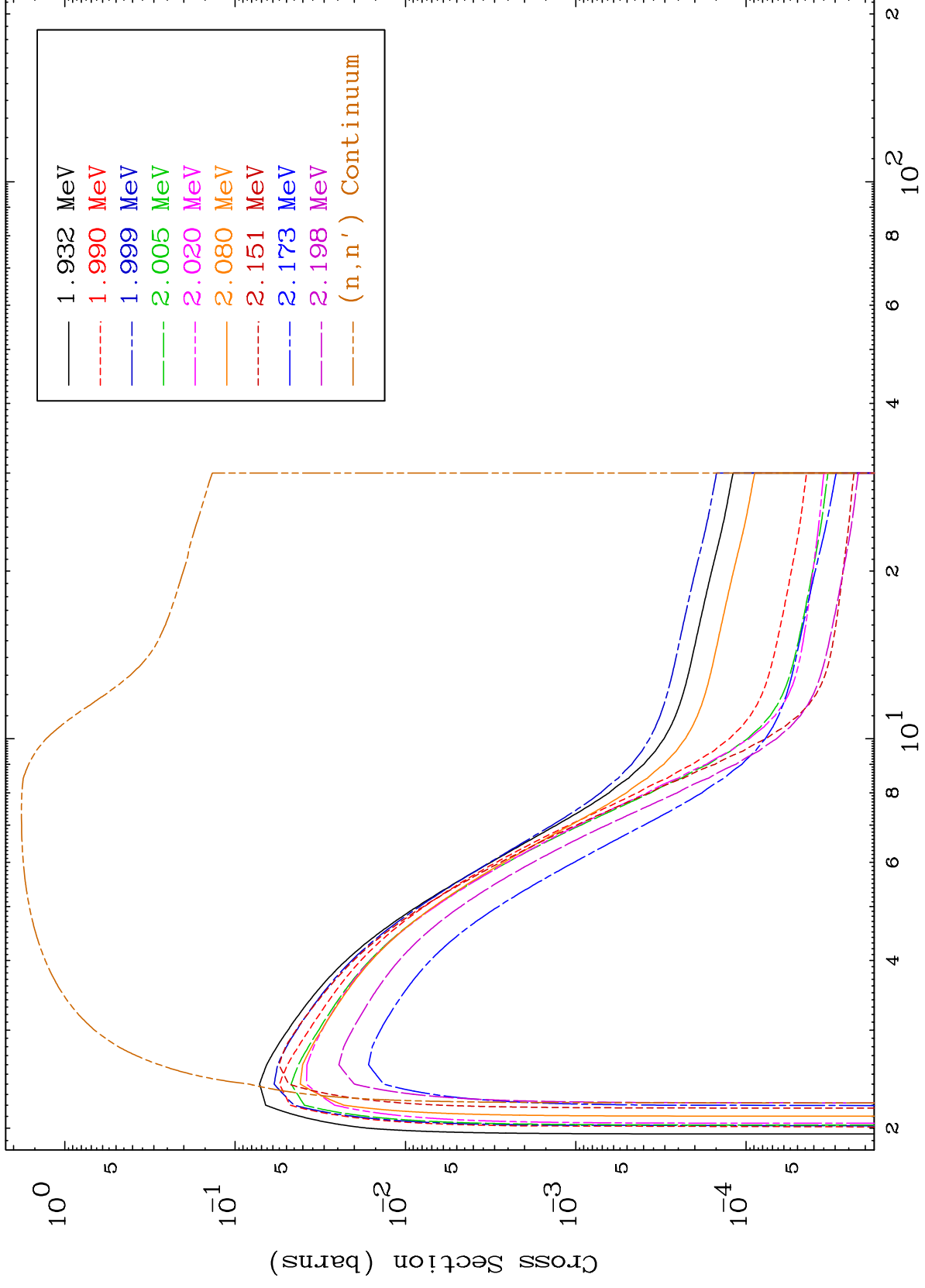
44-Ru-97

MAT 4428

(n,n') Level

44-Ru-97

293 Kelvin Cross Sections



9

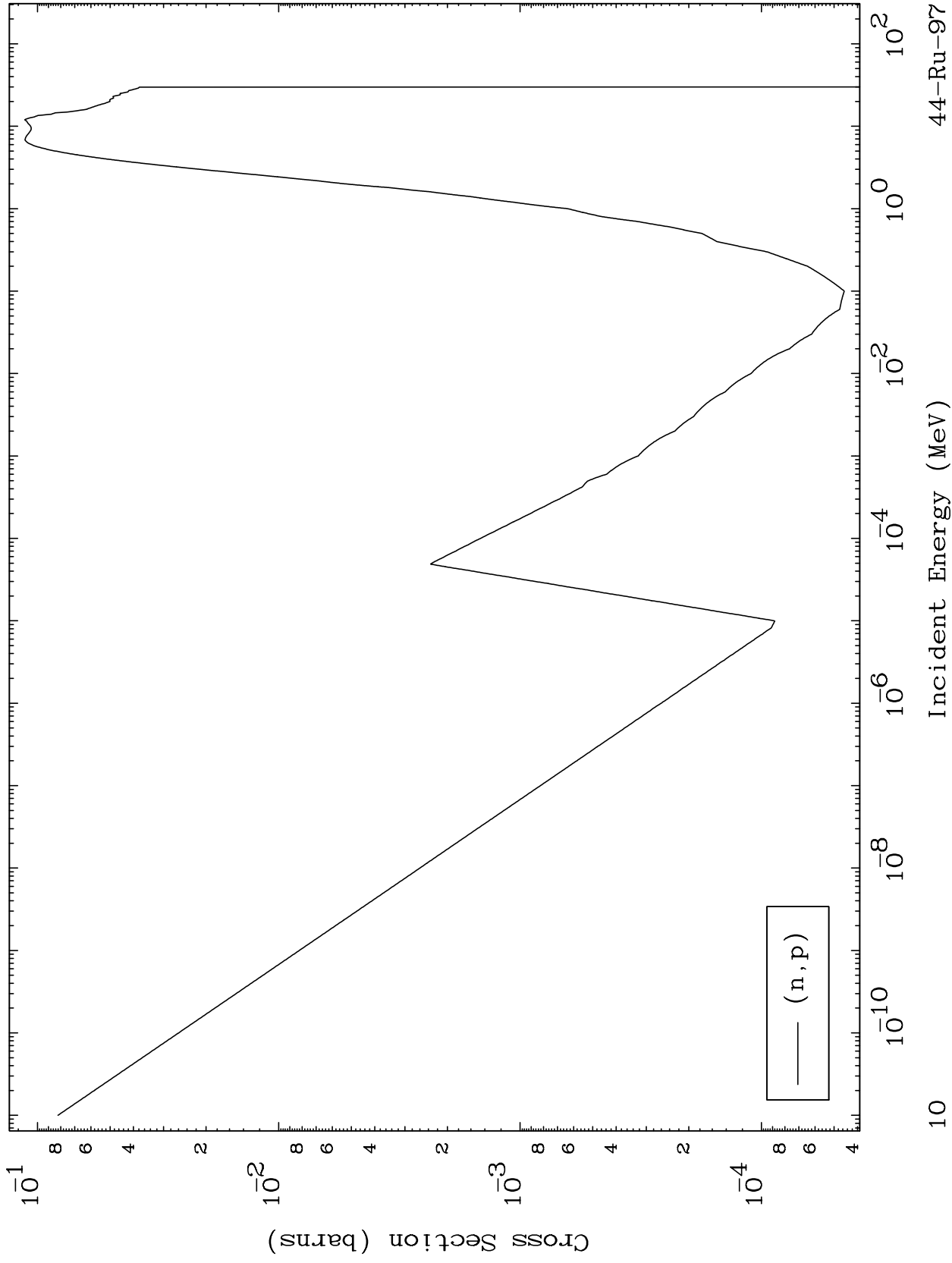
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-97



10

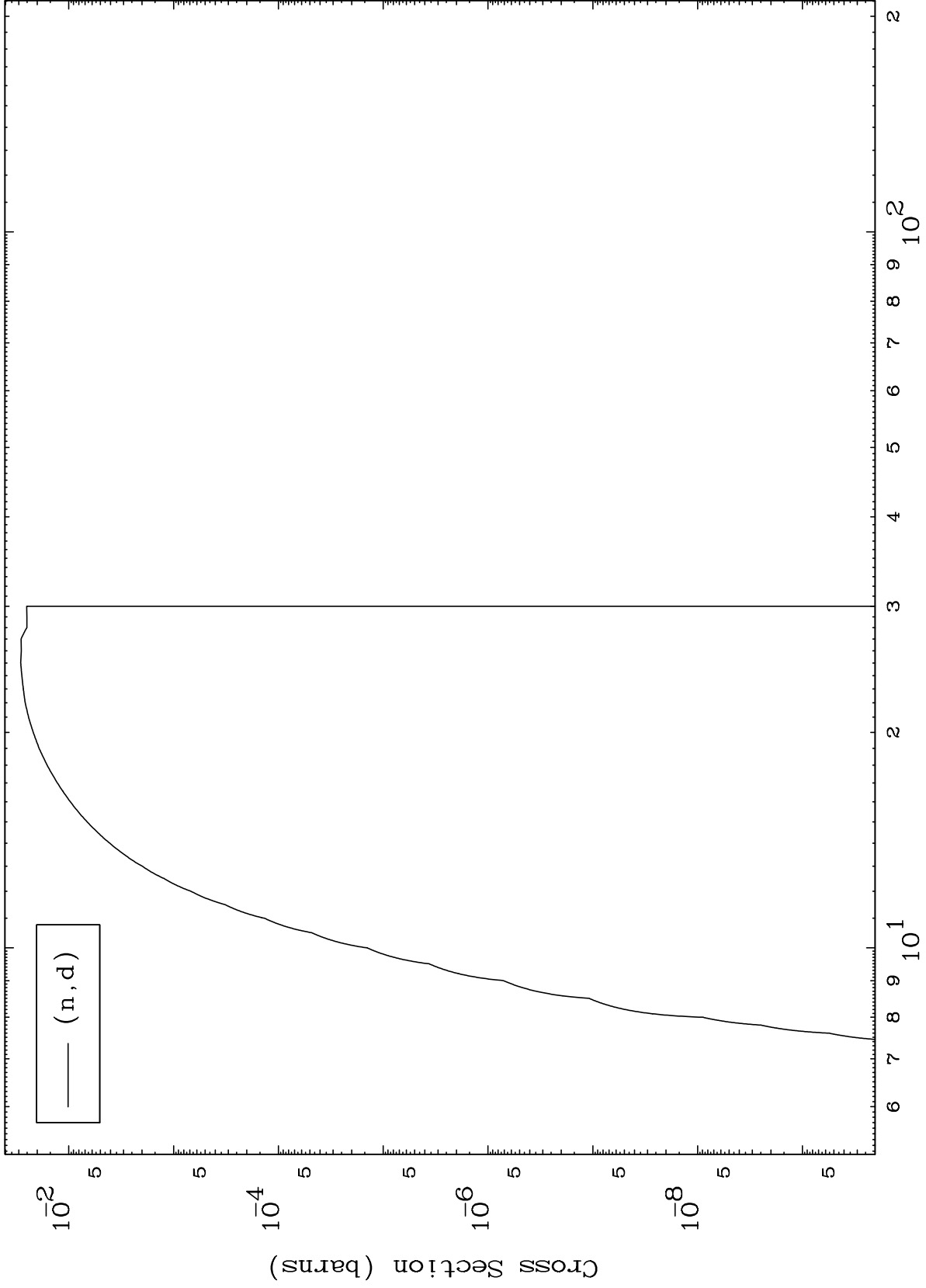
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-97



11

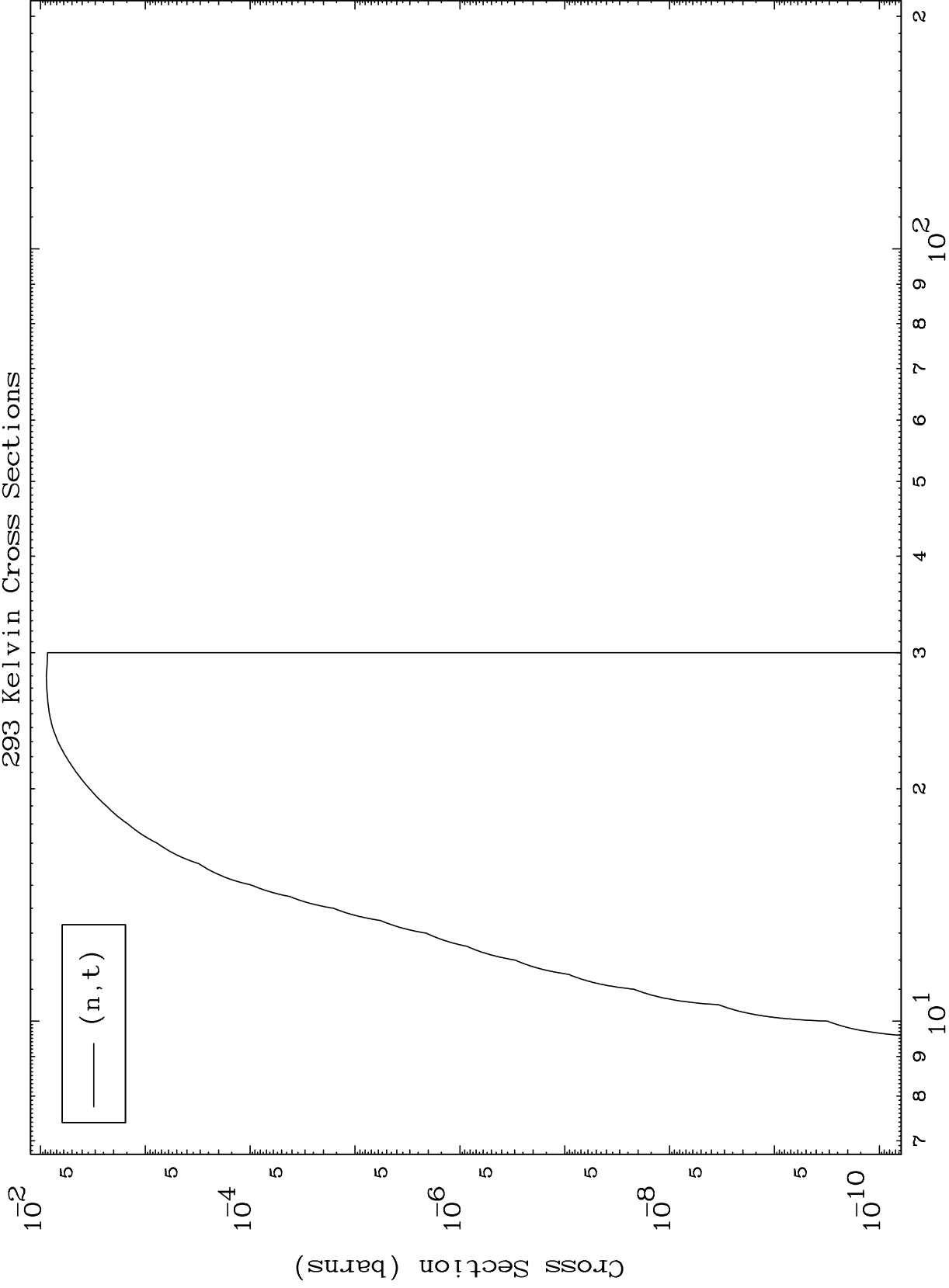
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-97



12

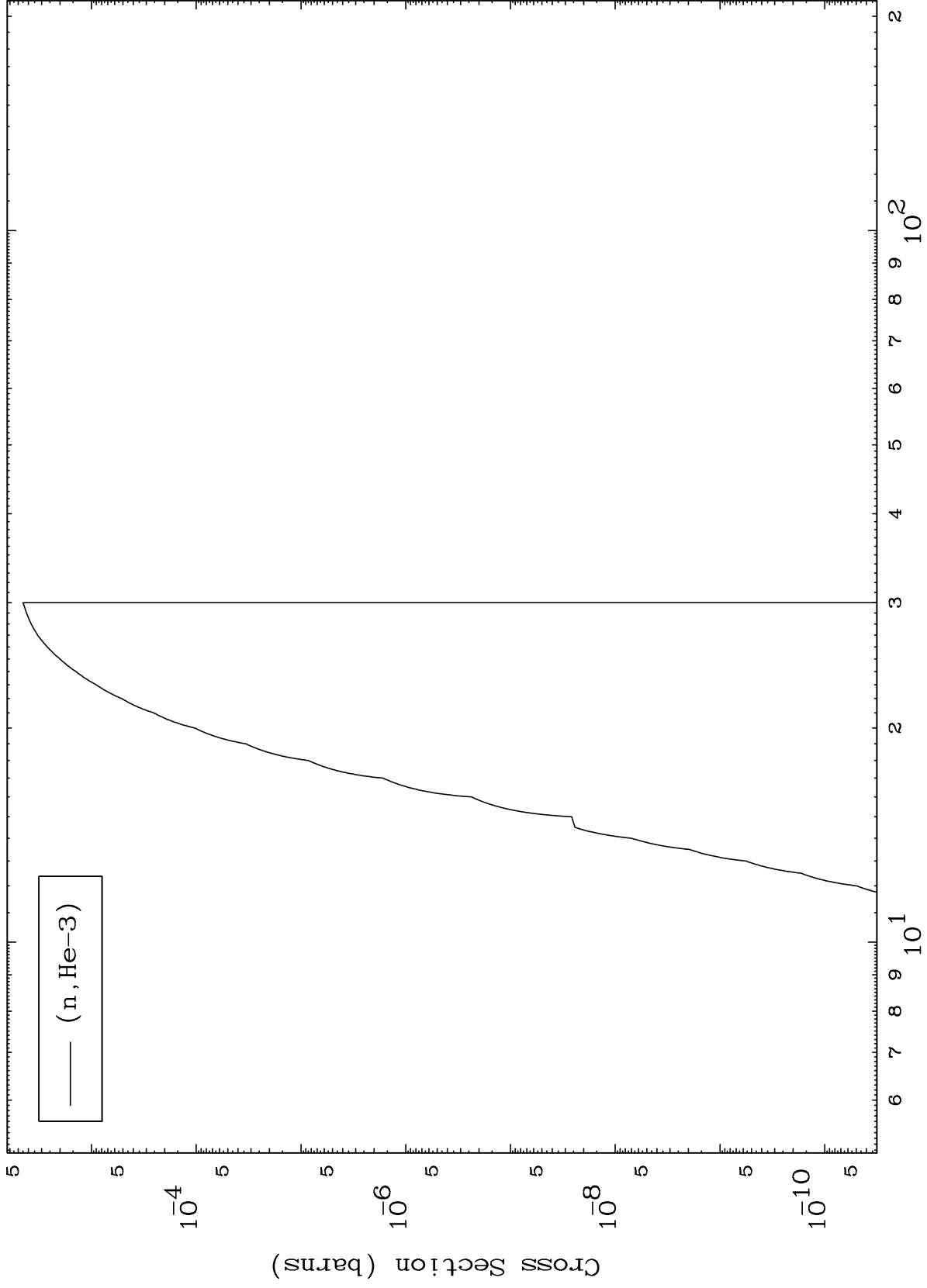
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-97



13

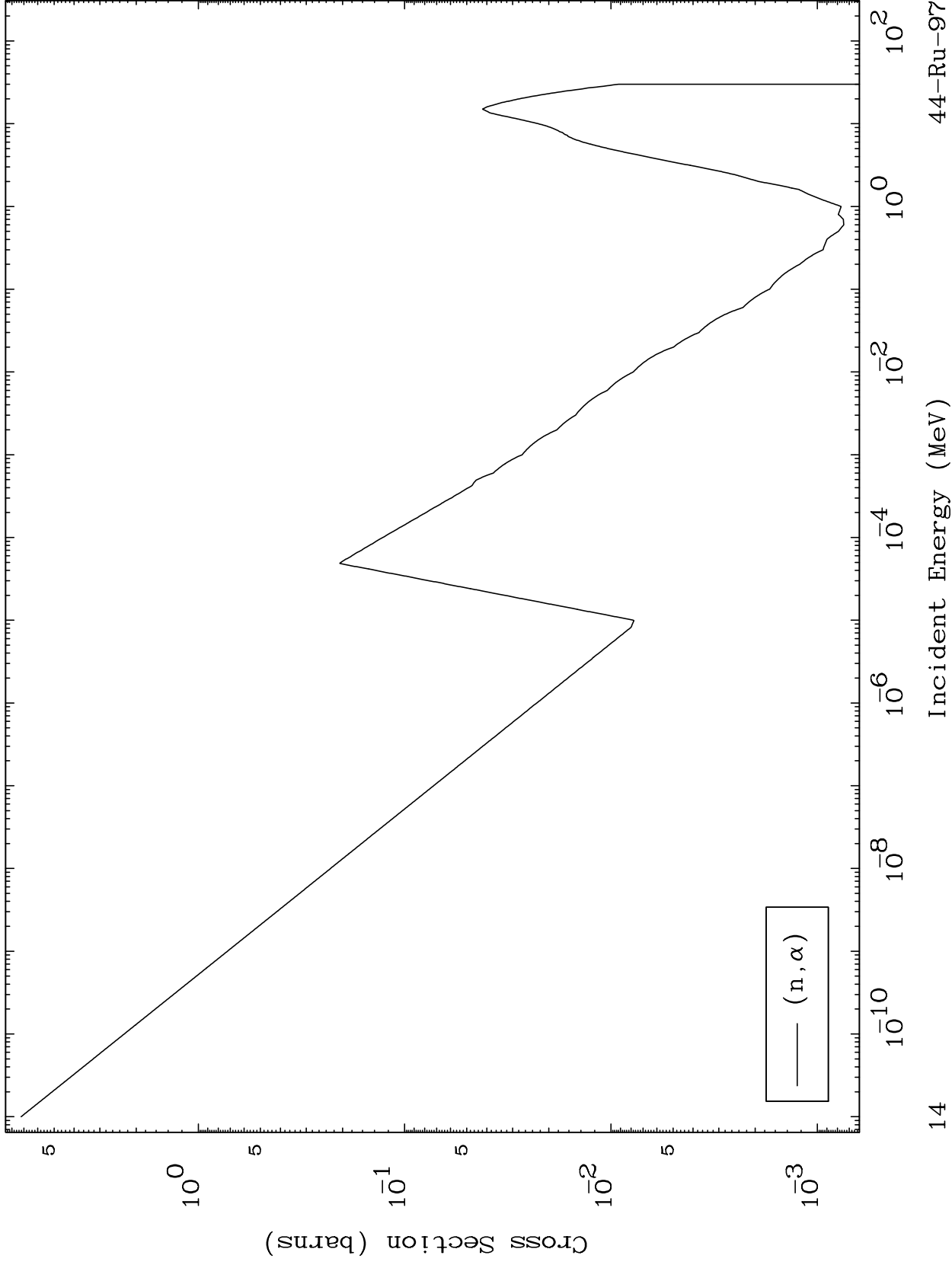
Incident Energy (MeV)

44-Ru-97

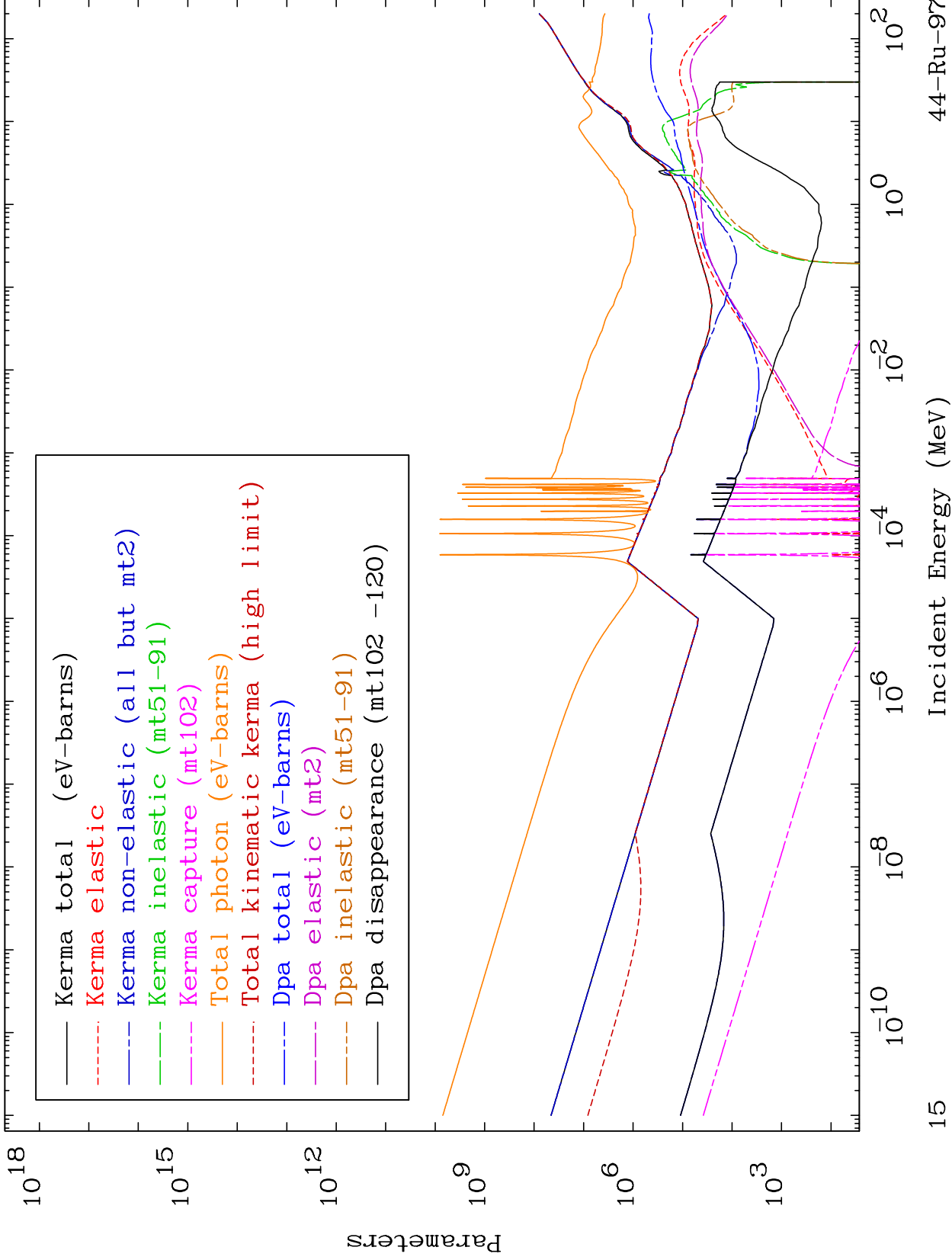
MAT 4428

(n, α) Levels
293 Kelvin Cross Sections

44-Ru-97



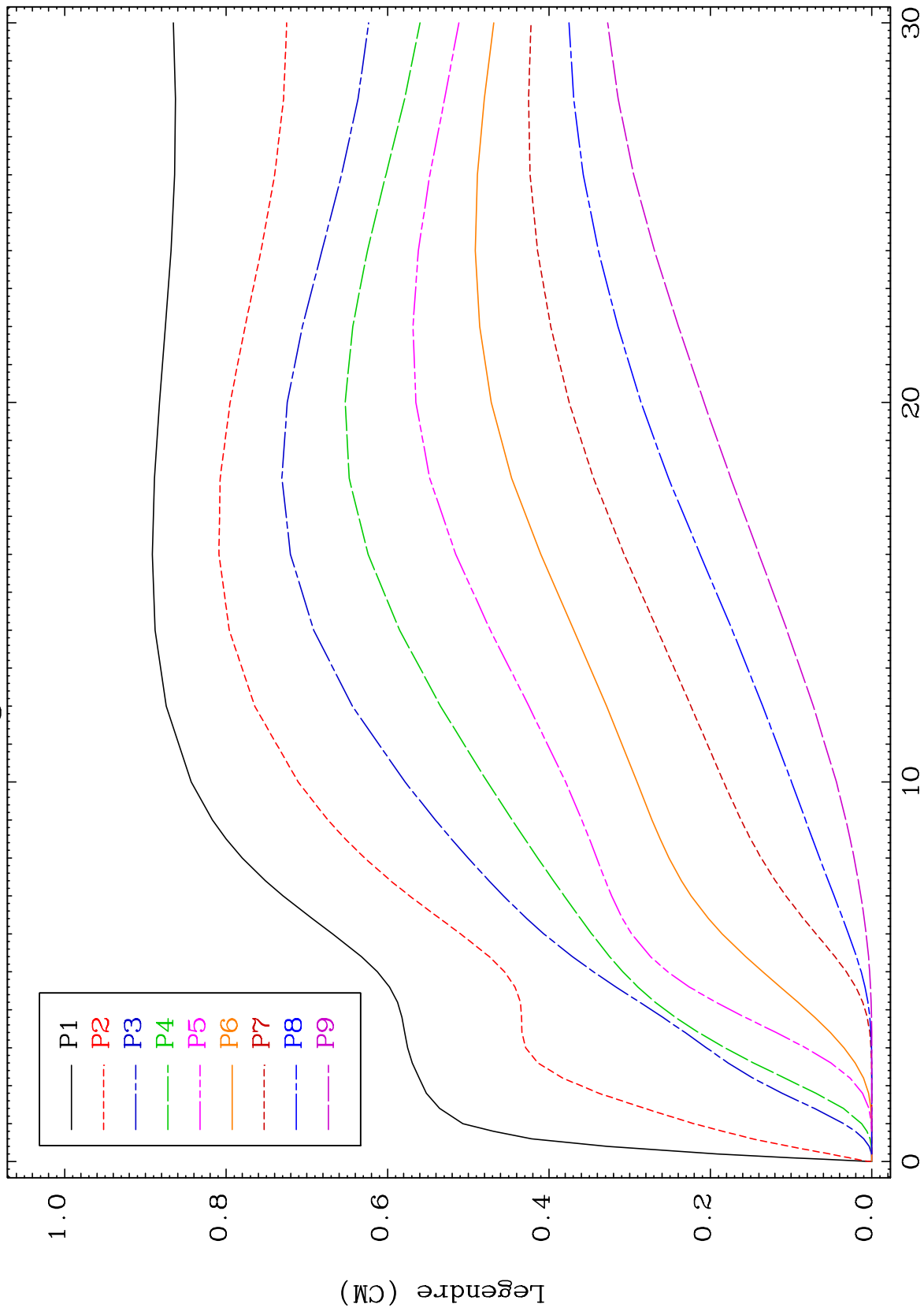
14



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Elastic Legendre Coefficients

44-Ru-97



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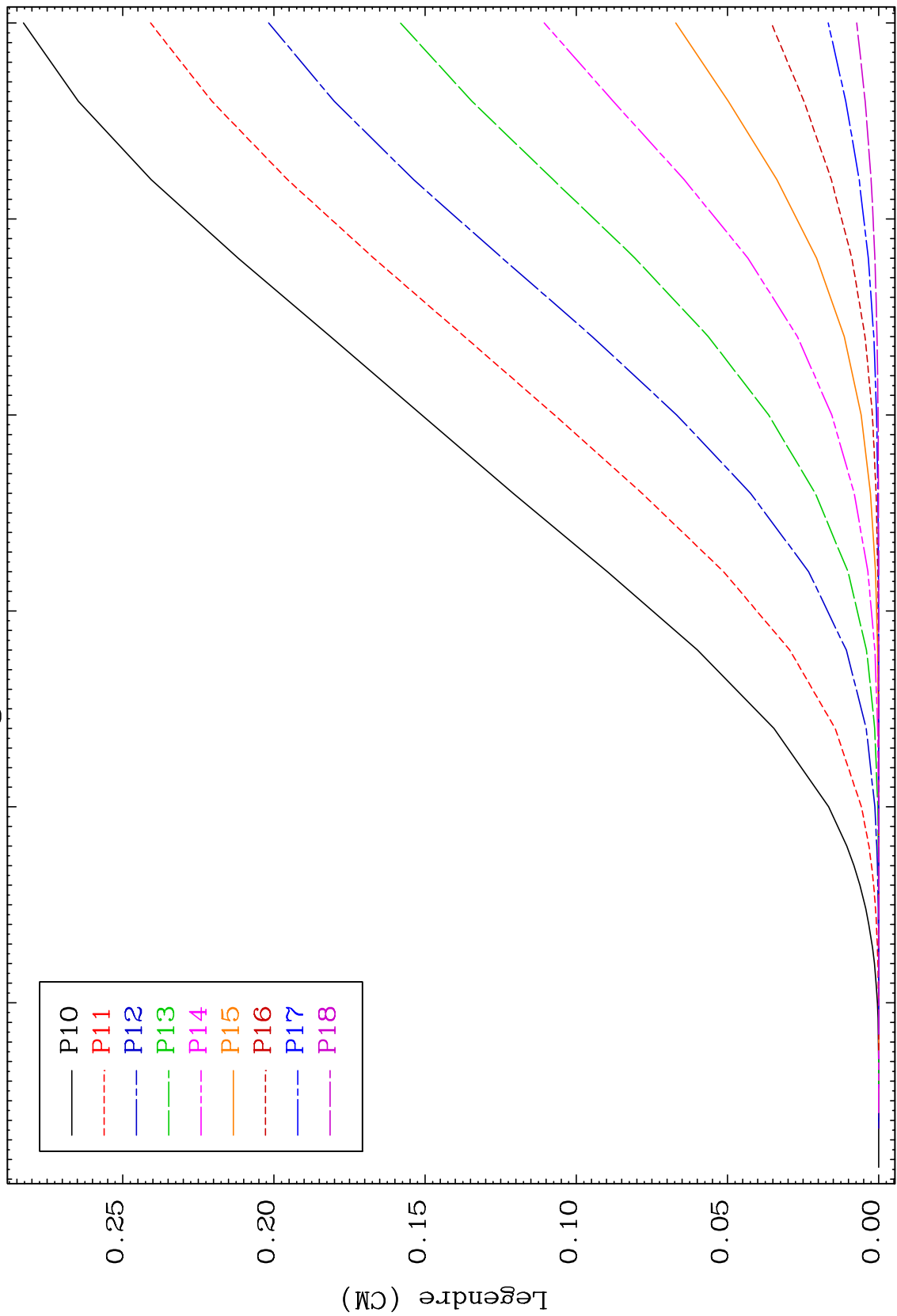
Incident Energy (MeV)

44-Ru-97

MAT 4428

Elastic
Legendre Coefficients

44-Ru-97



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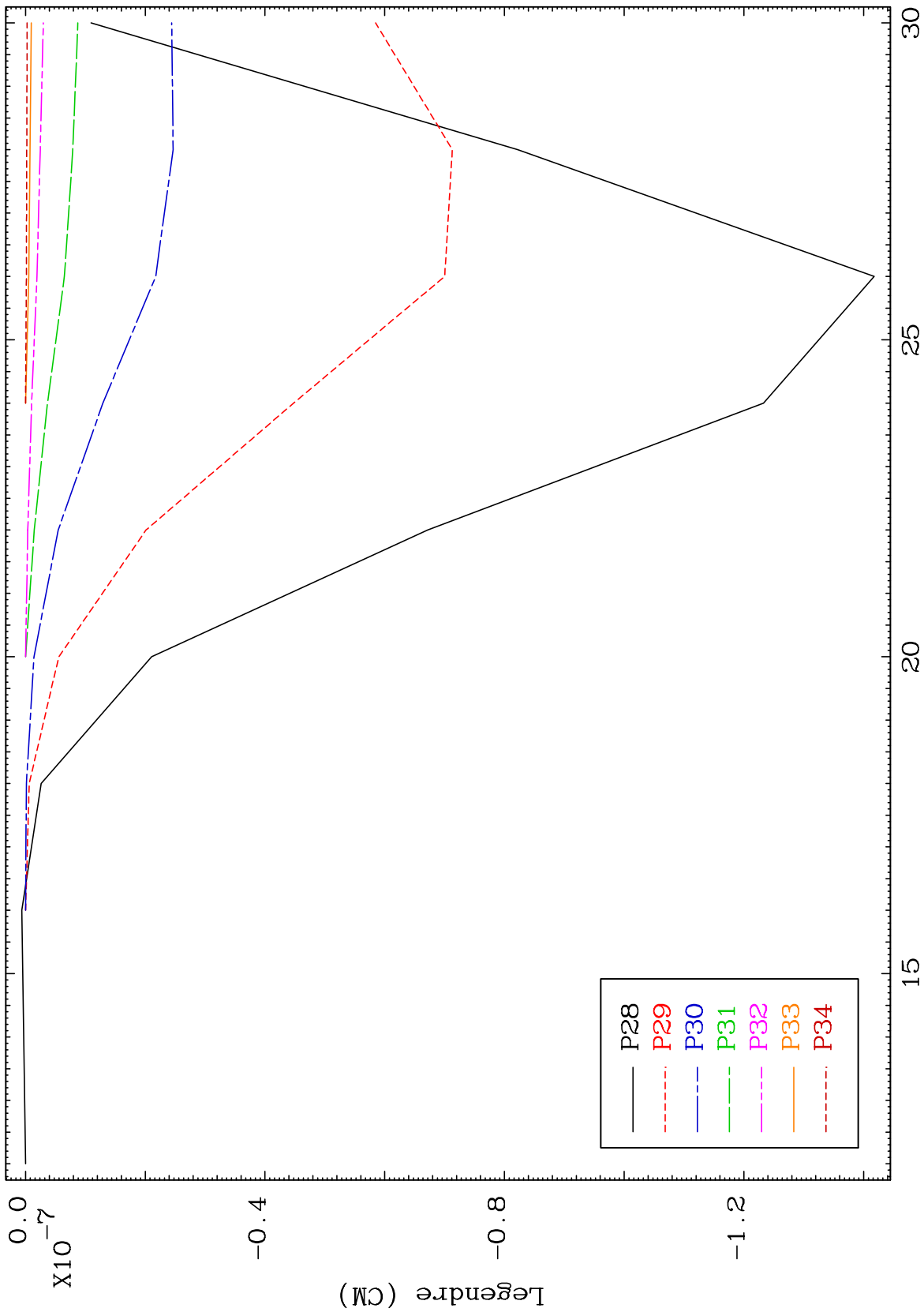
44-Ru-97

Incident Energy (MeV)

MAT 4428

44-Ru-97

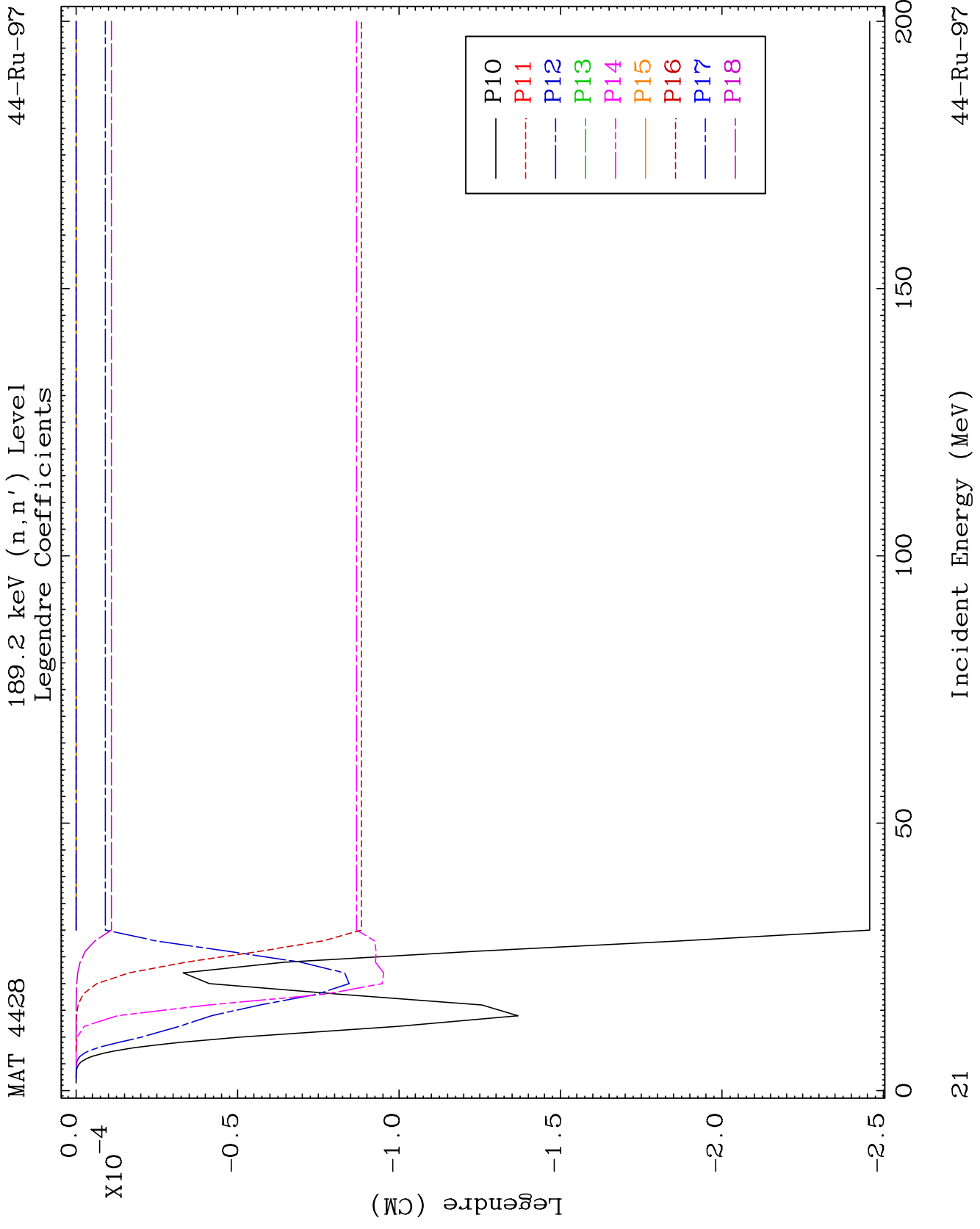
Elastic Legendre Coefficients

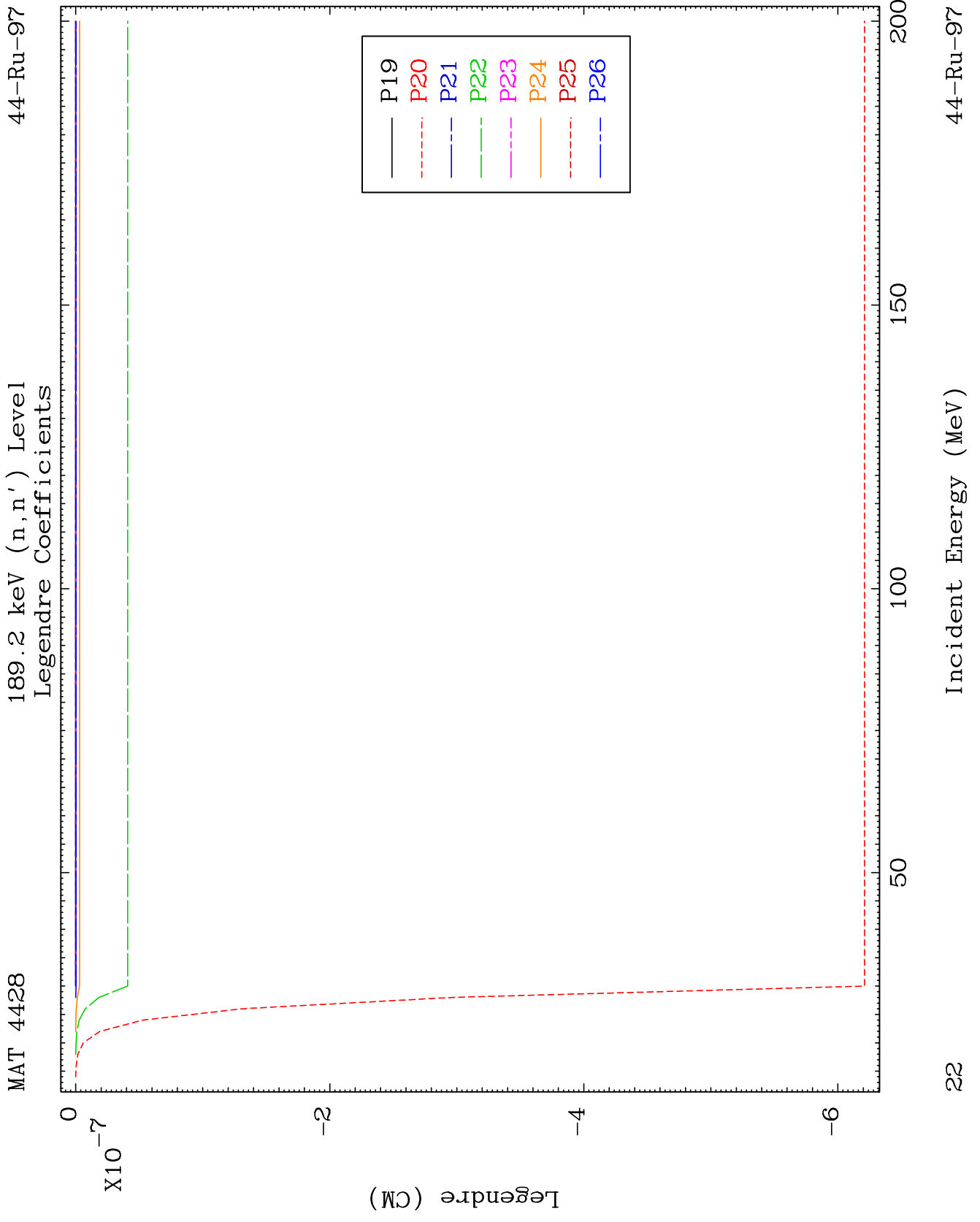


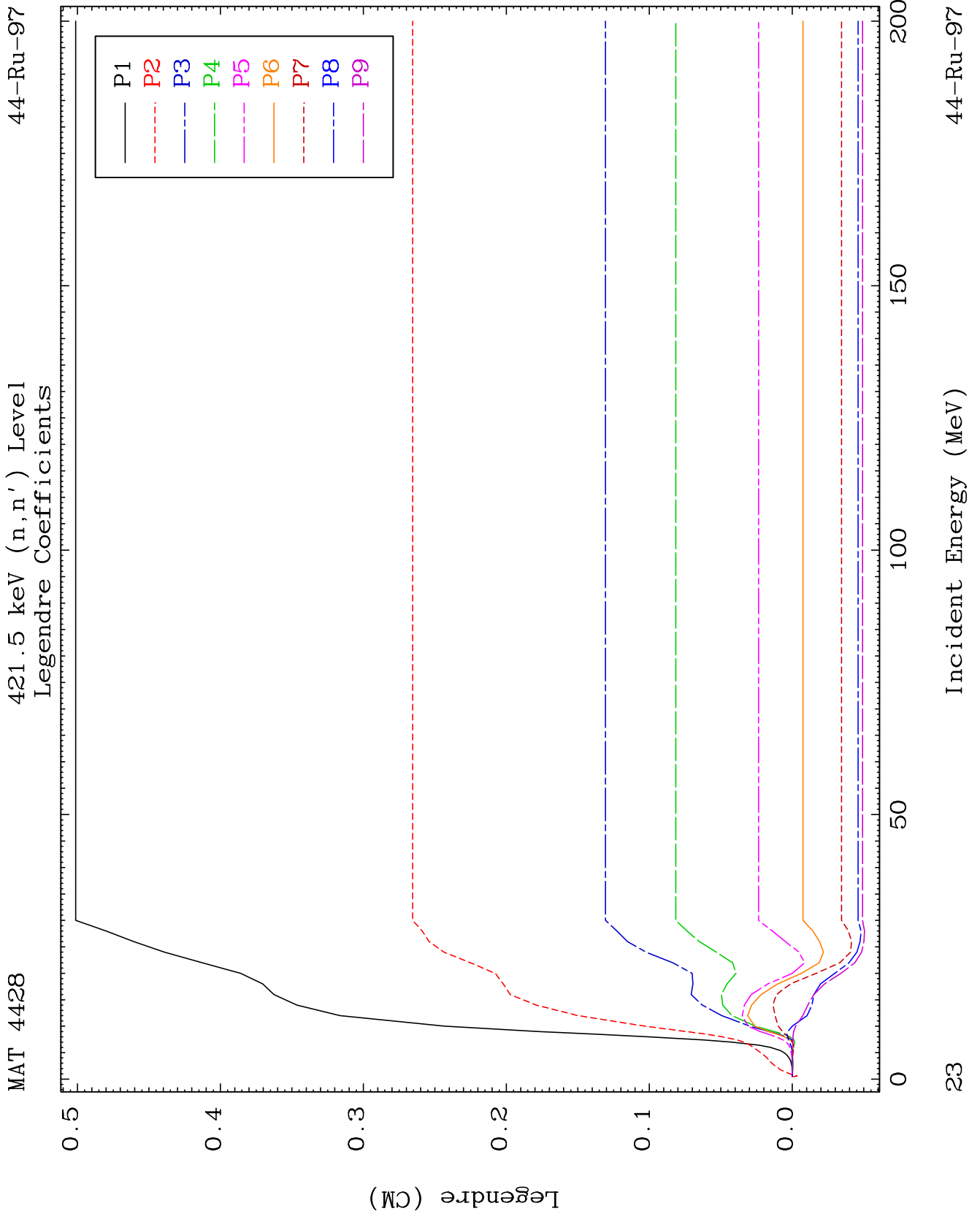
19

Incident Energy (MeV)

44-Ru-97



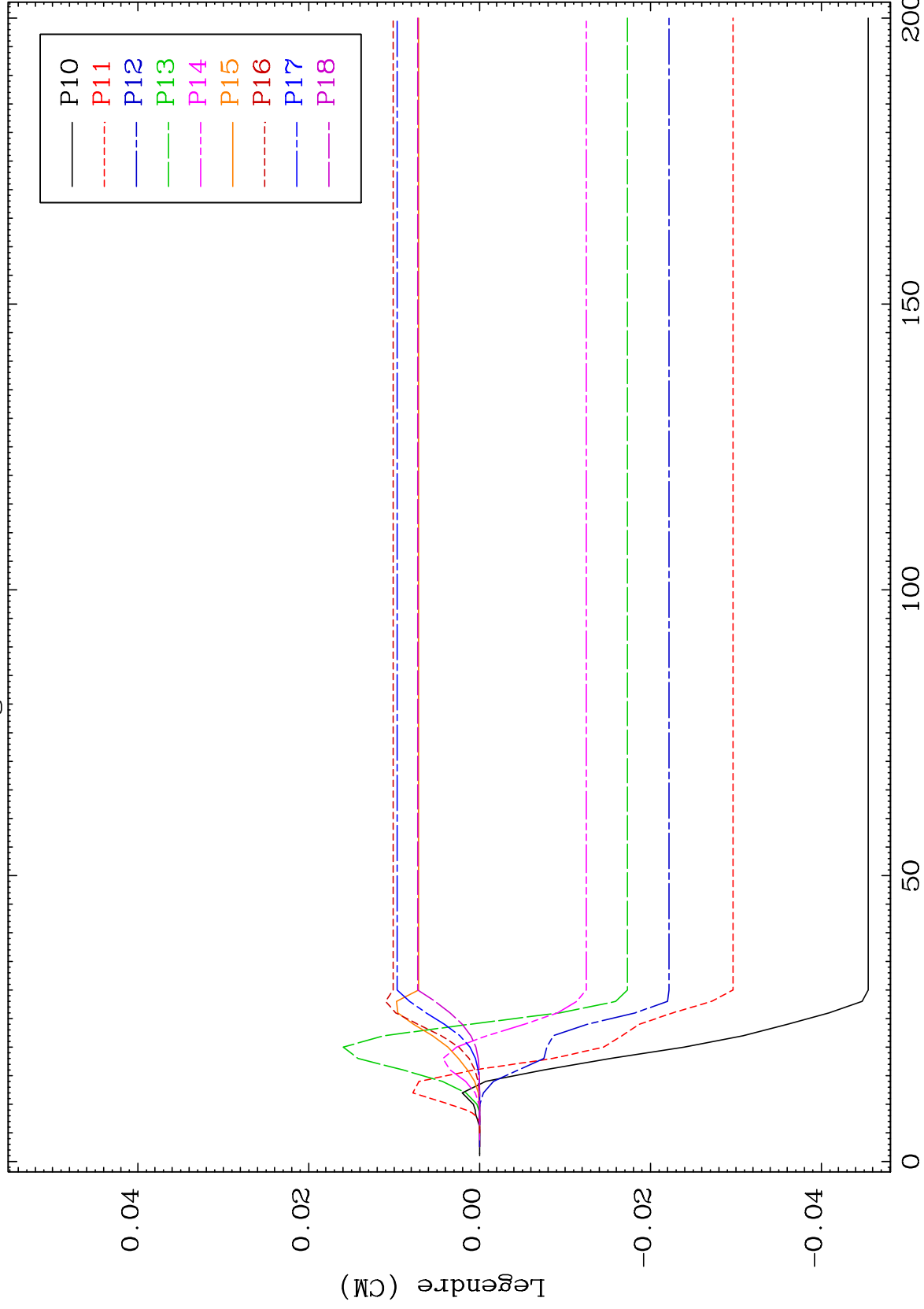




MAT 4428

421.5 keV (n,n') Level
Legendre Coefficients

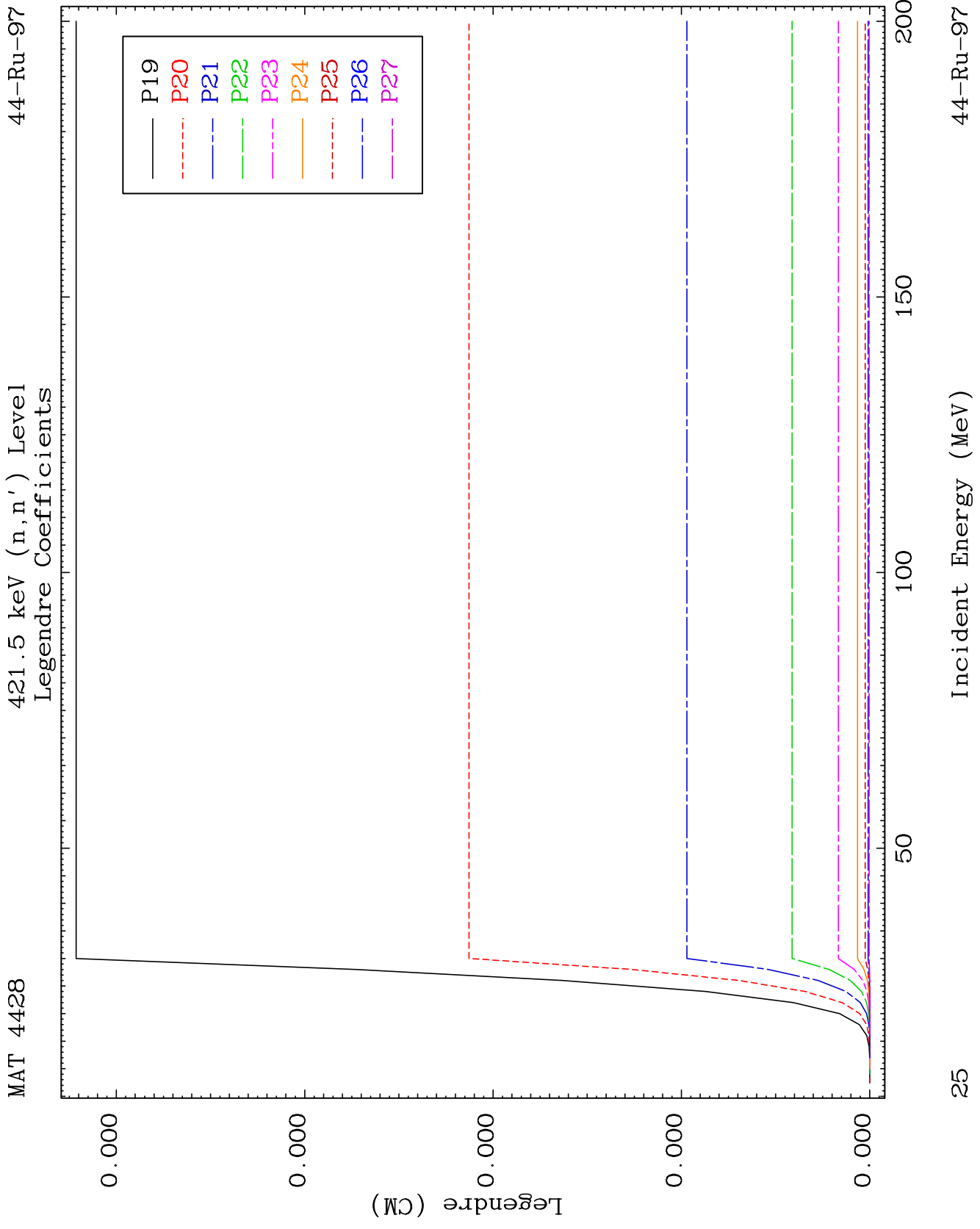
44-Ru-97

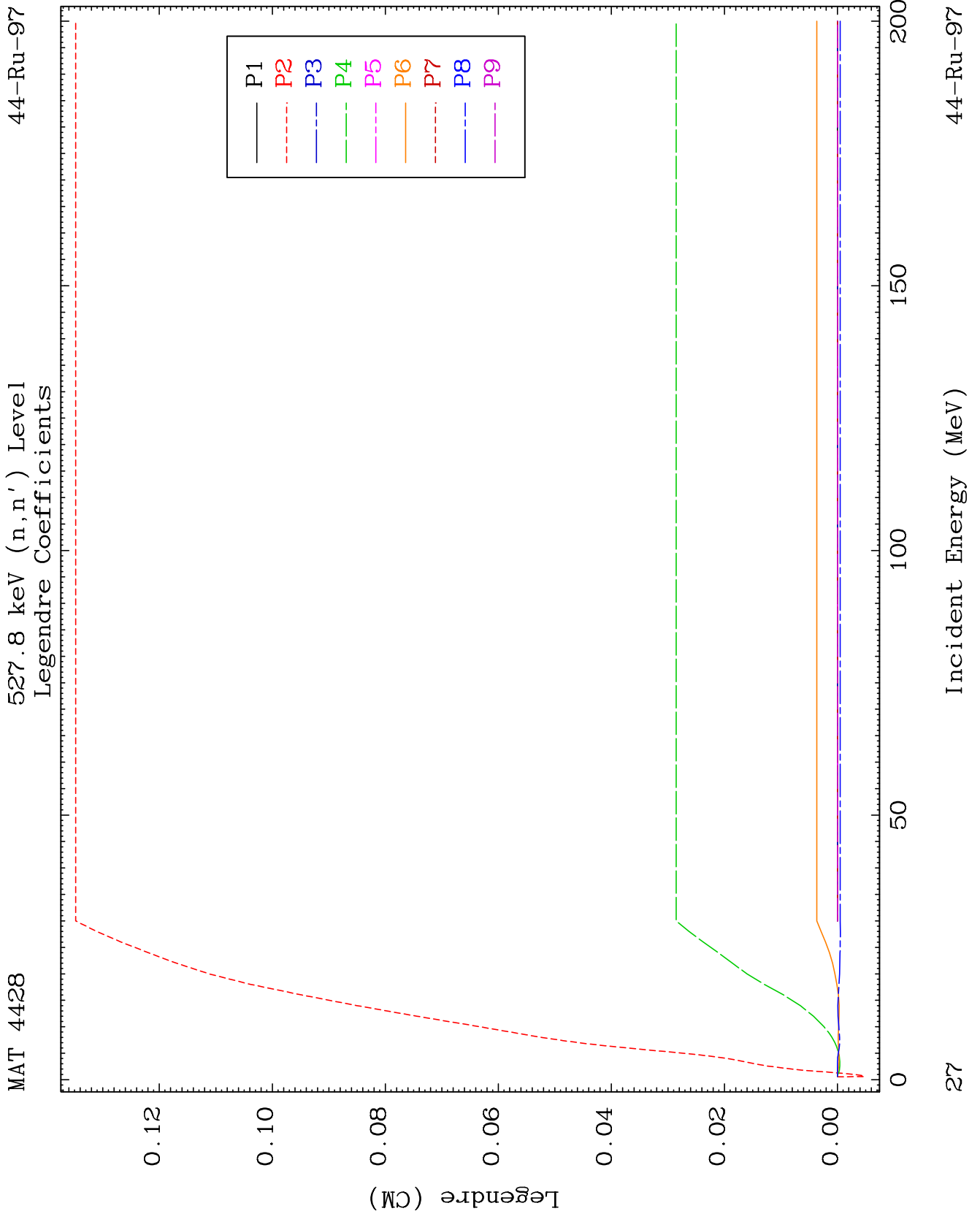


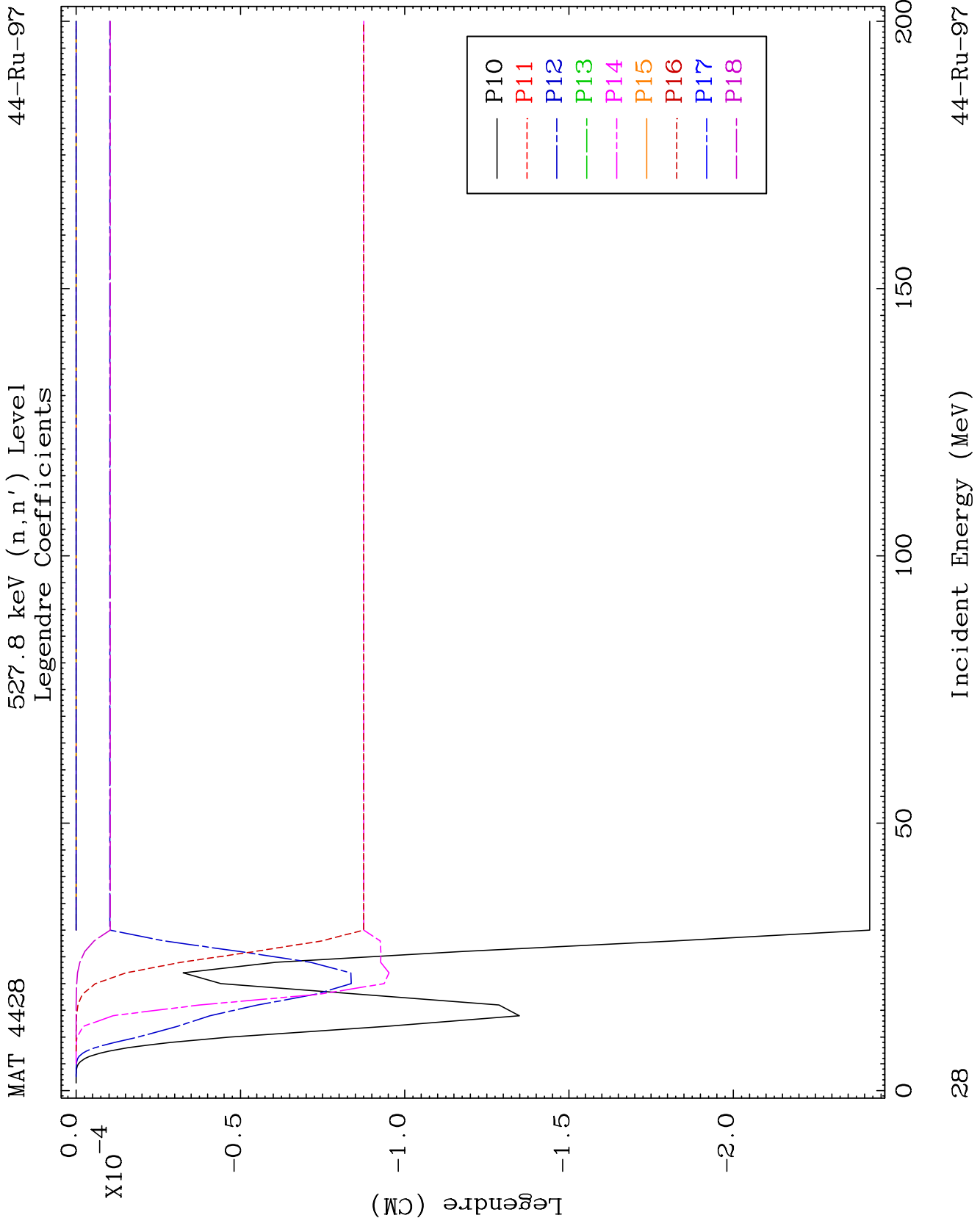
24

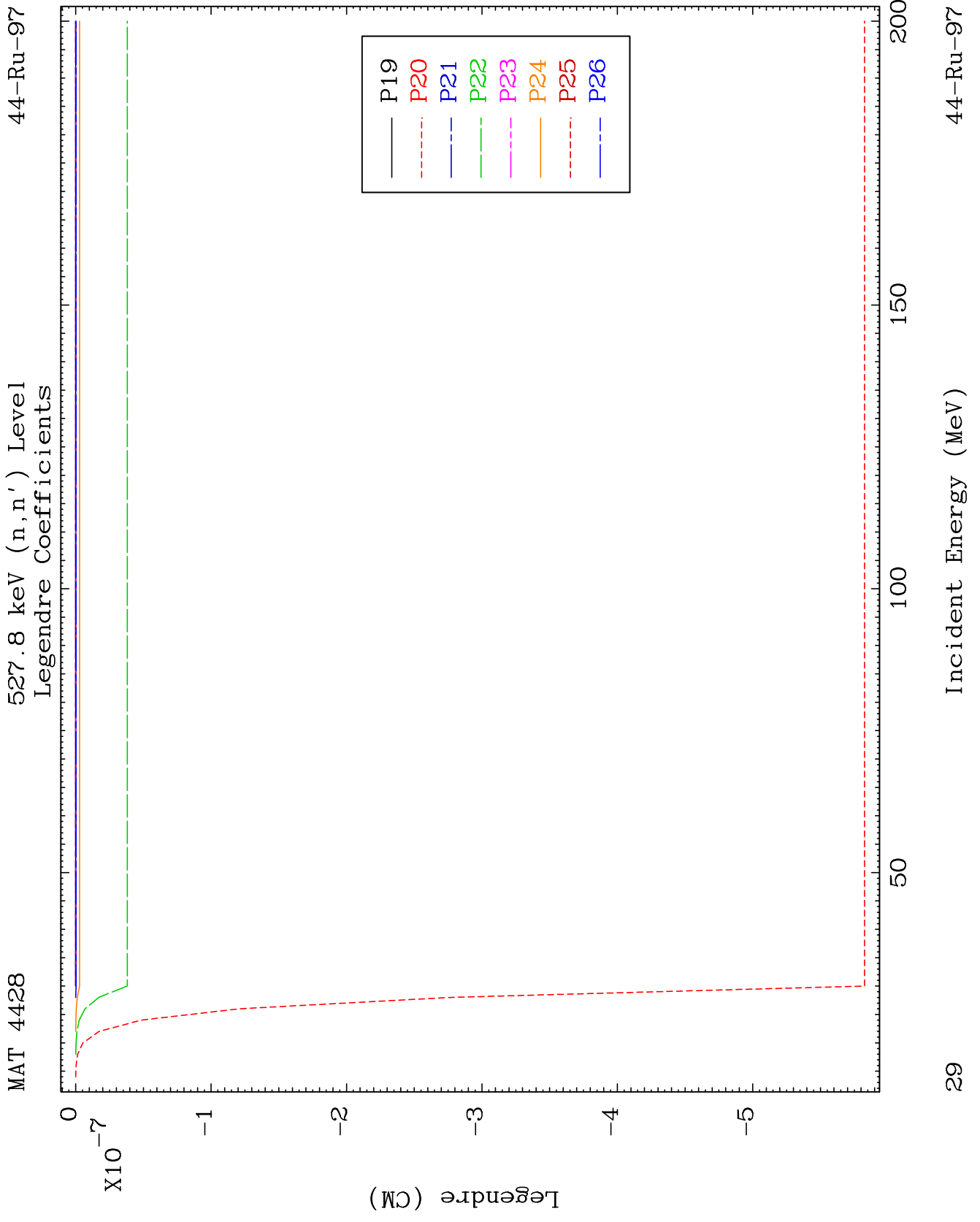
Incident Energy (MeV)

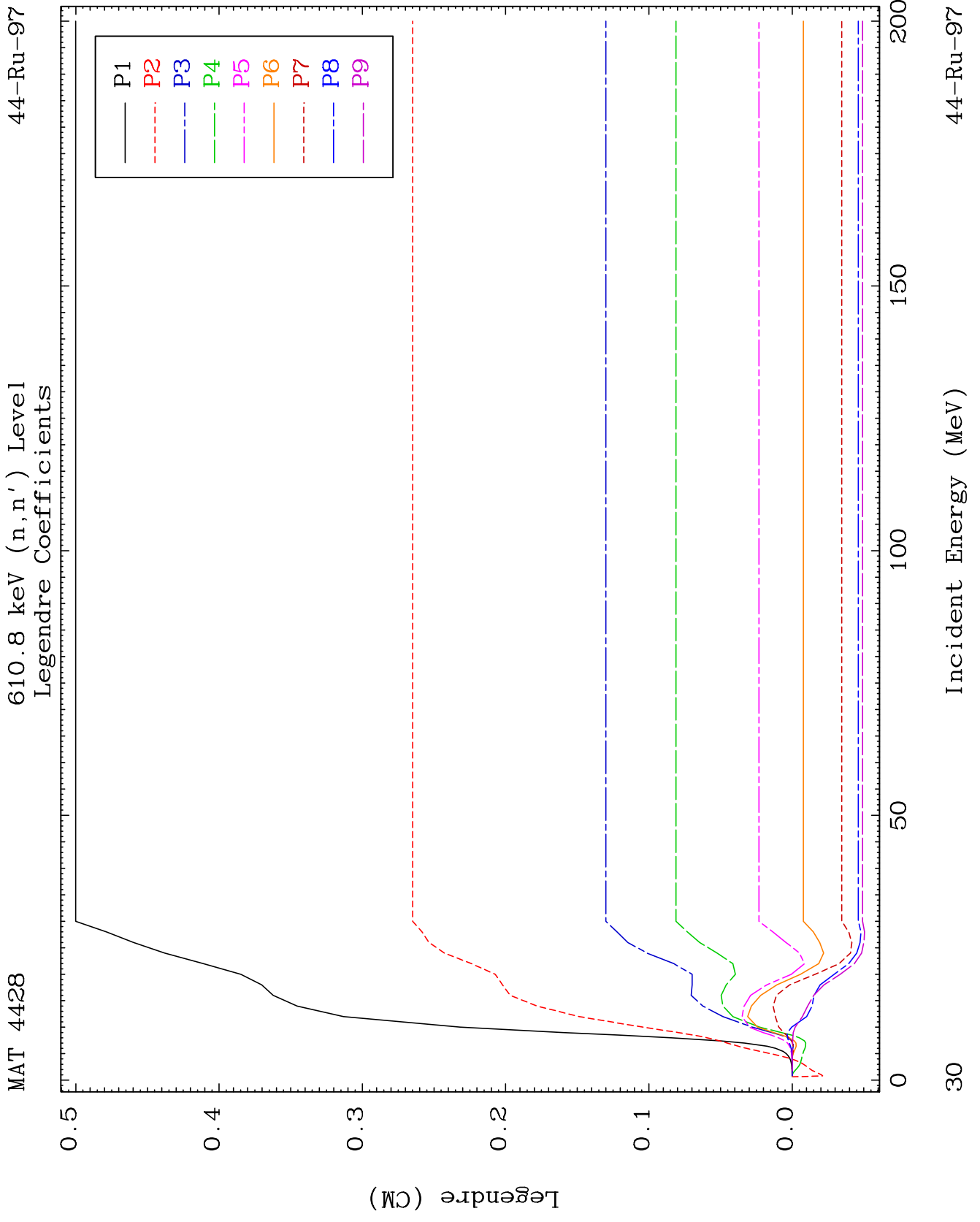
44-Ru-97

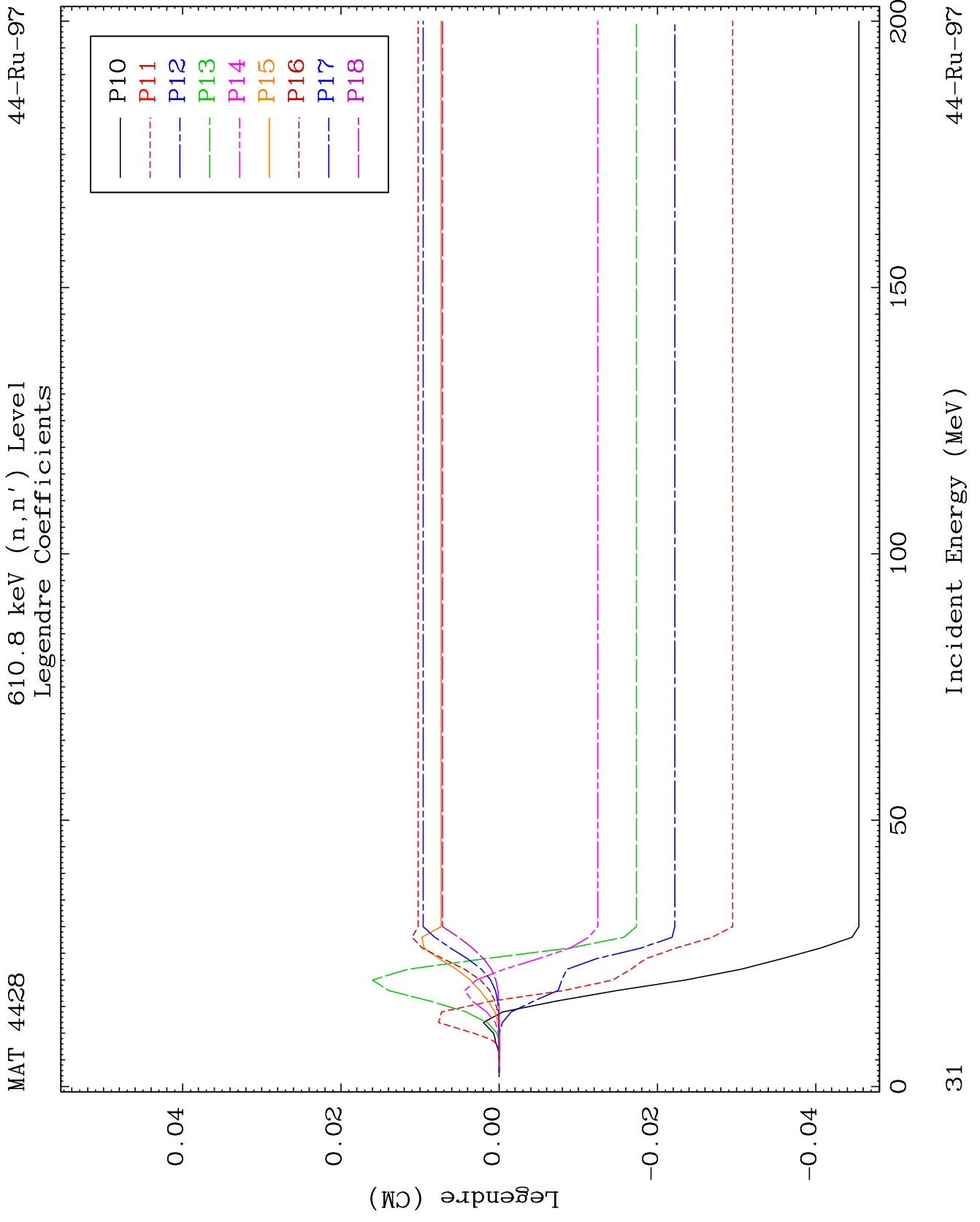


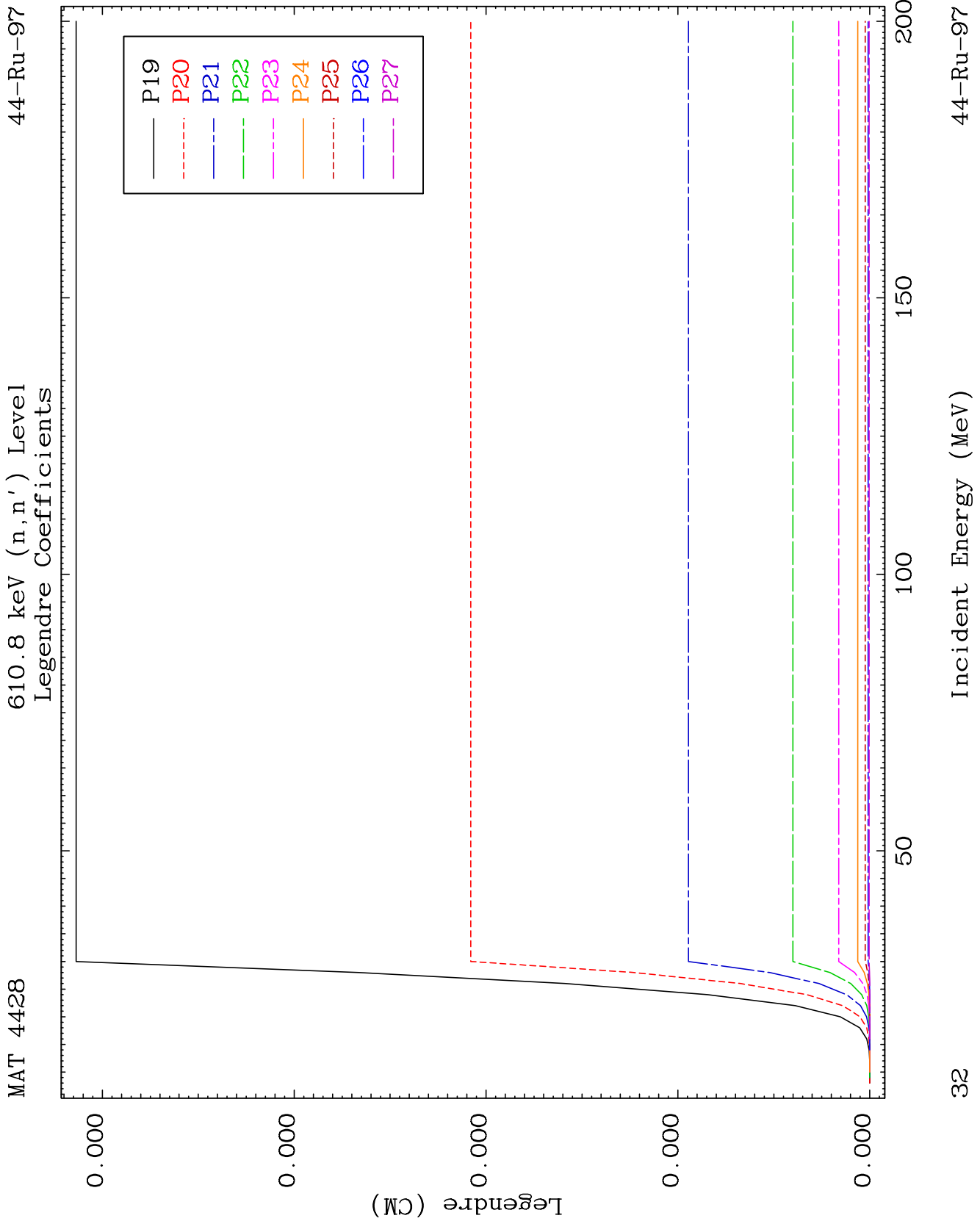


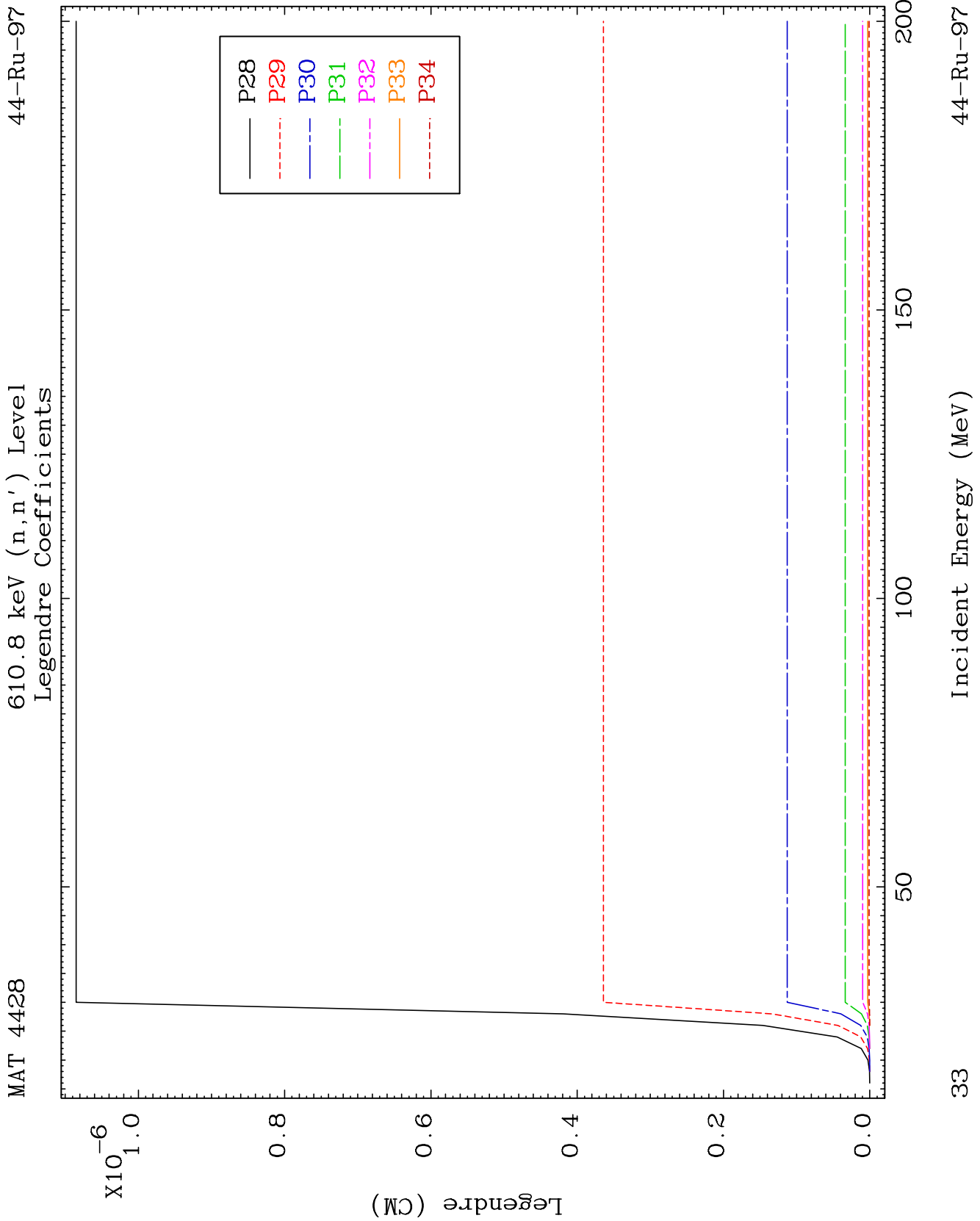


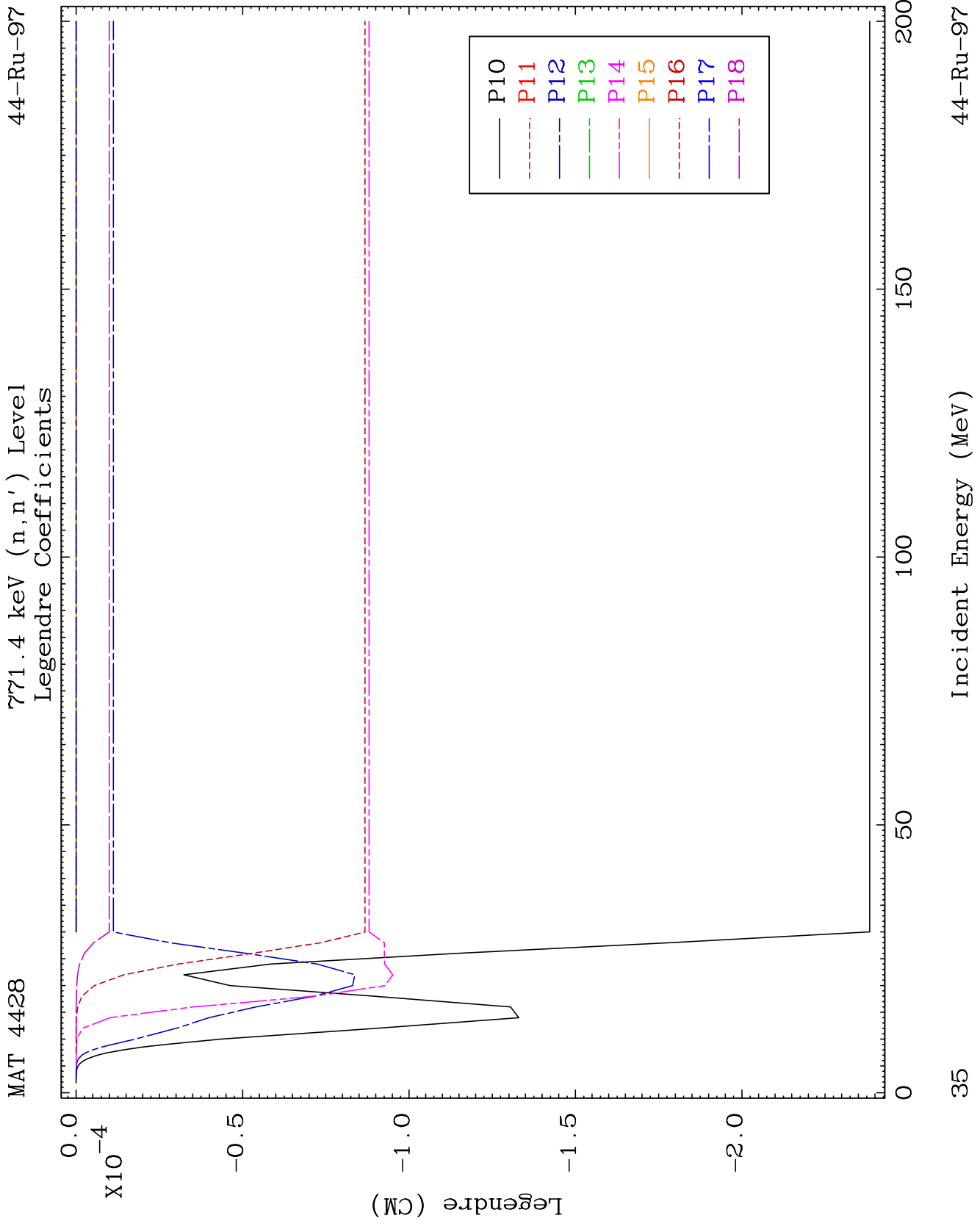


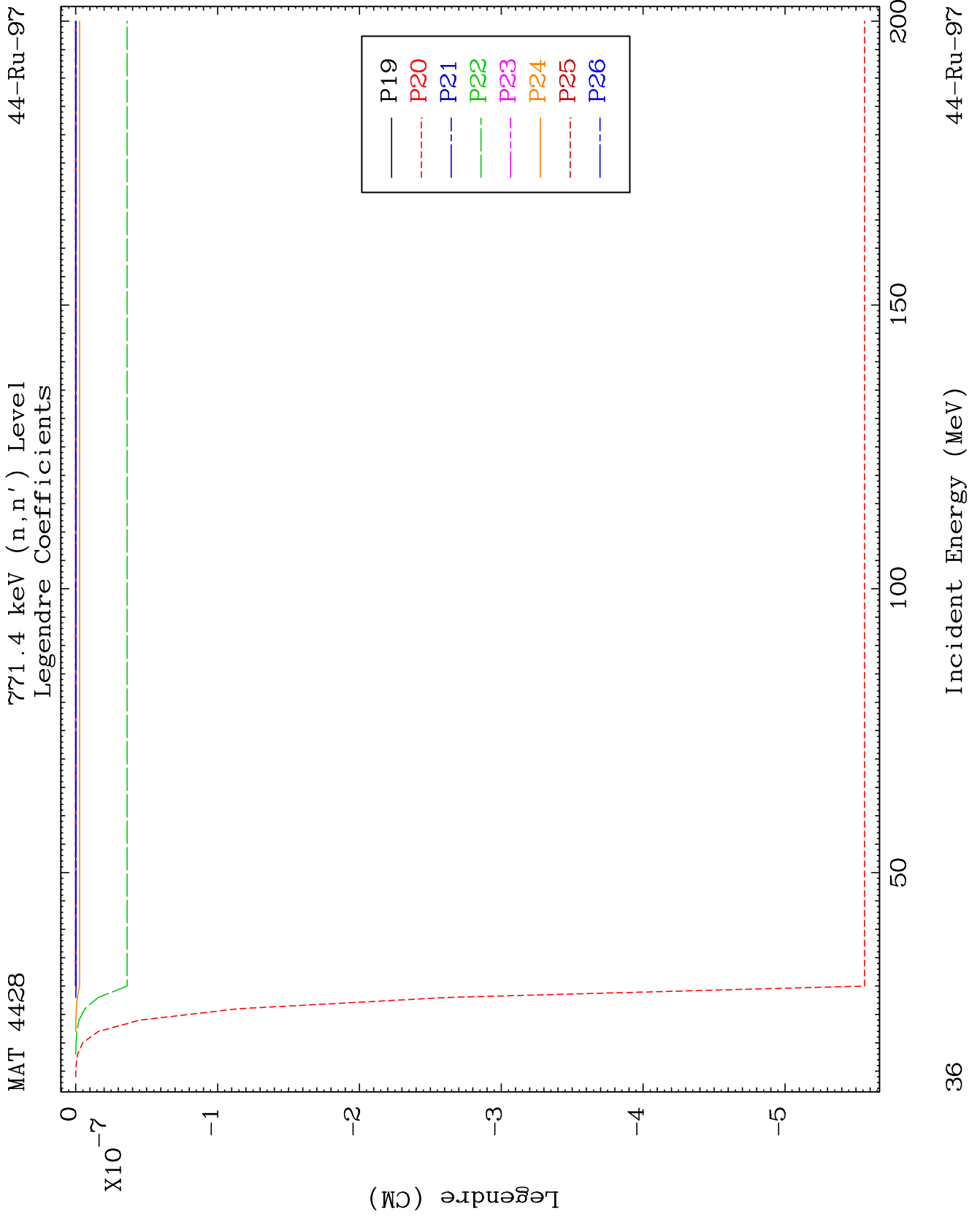


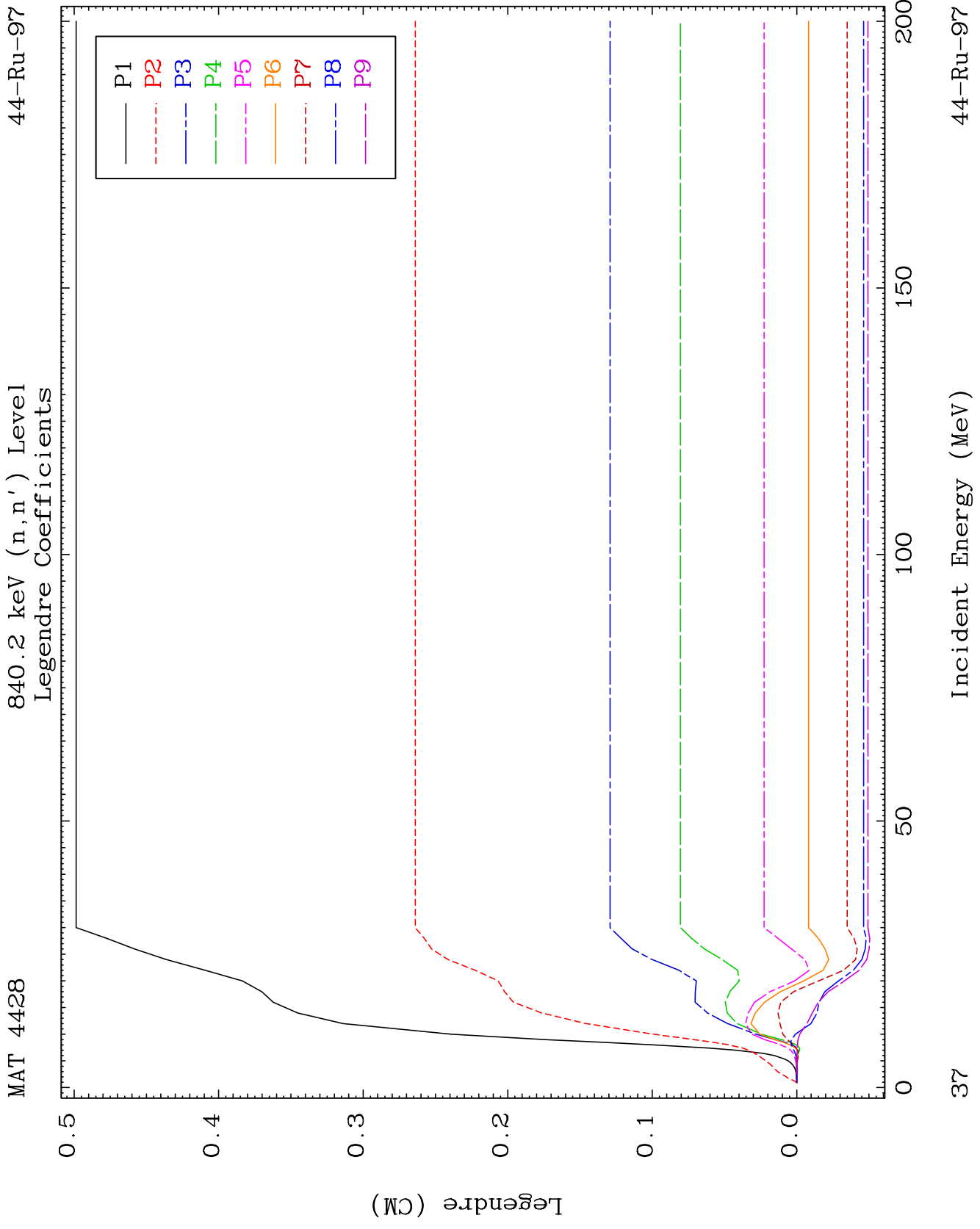








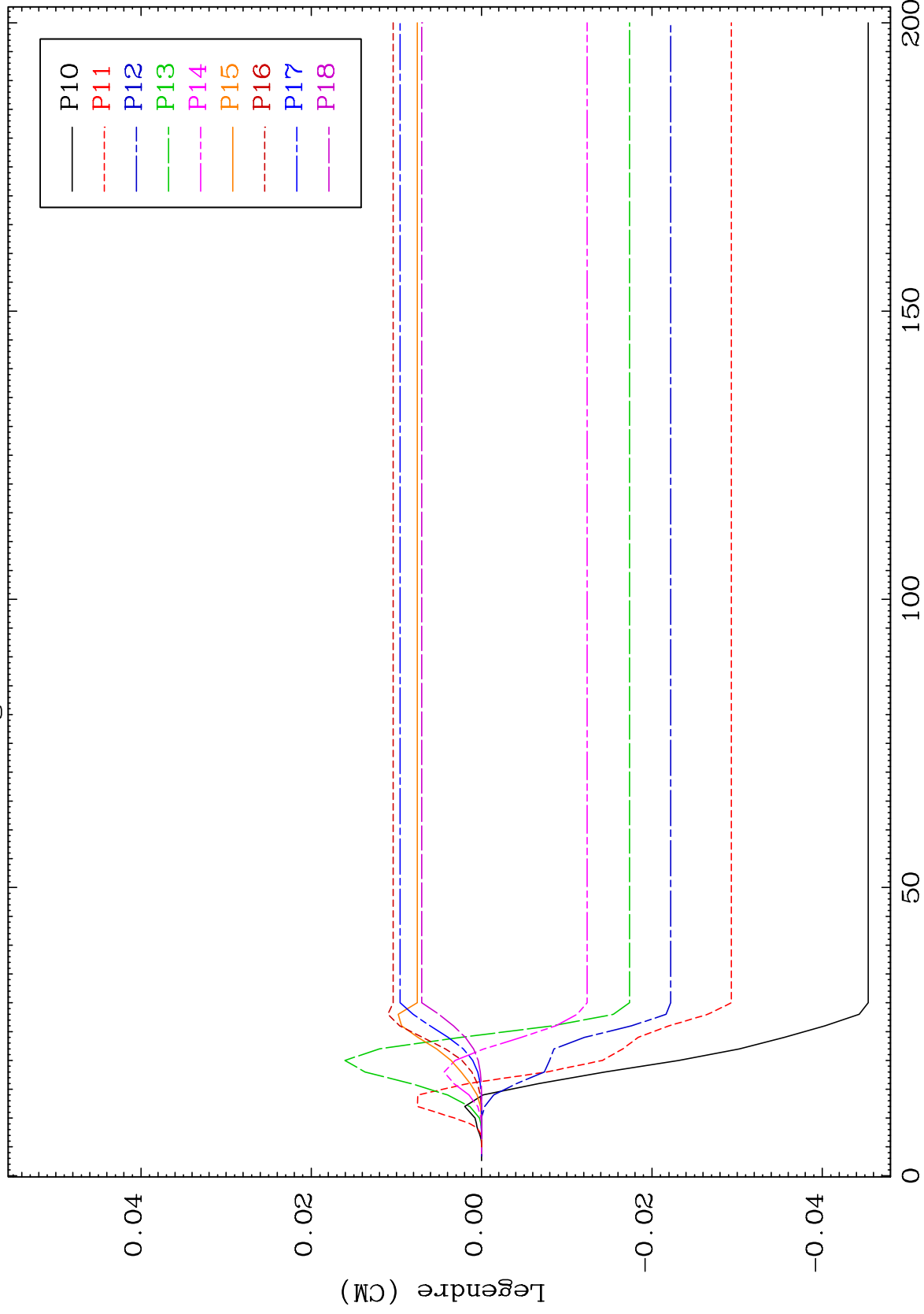




MAT 4428

840.2 keV (n,n') Level
Legendre Coefficients

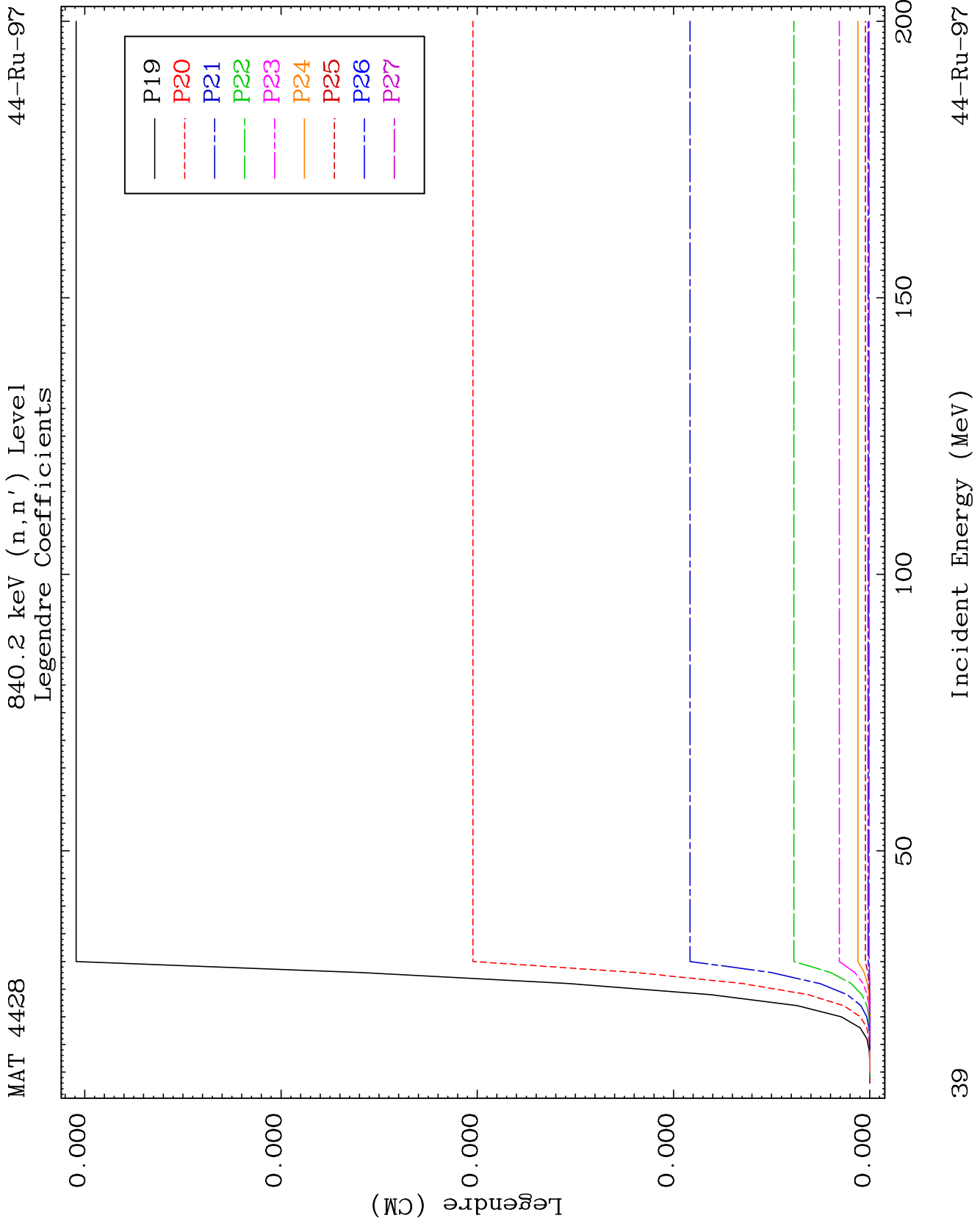
44-Ru-97

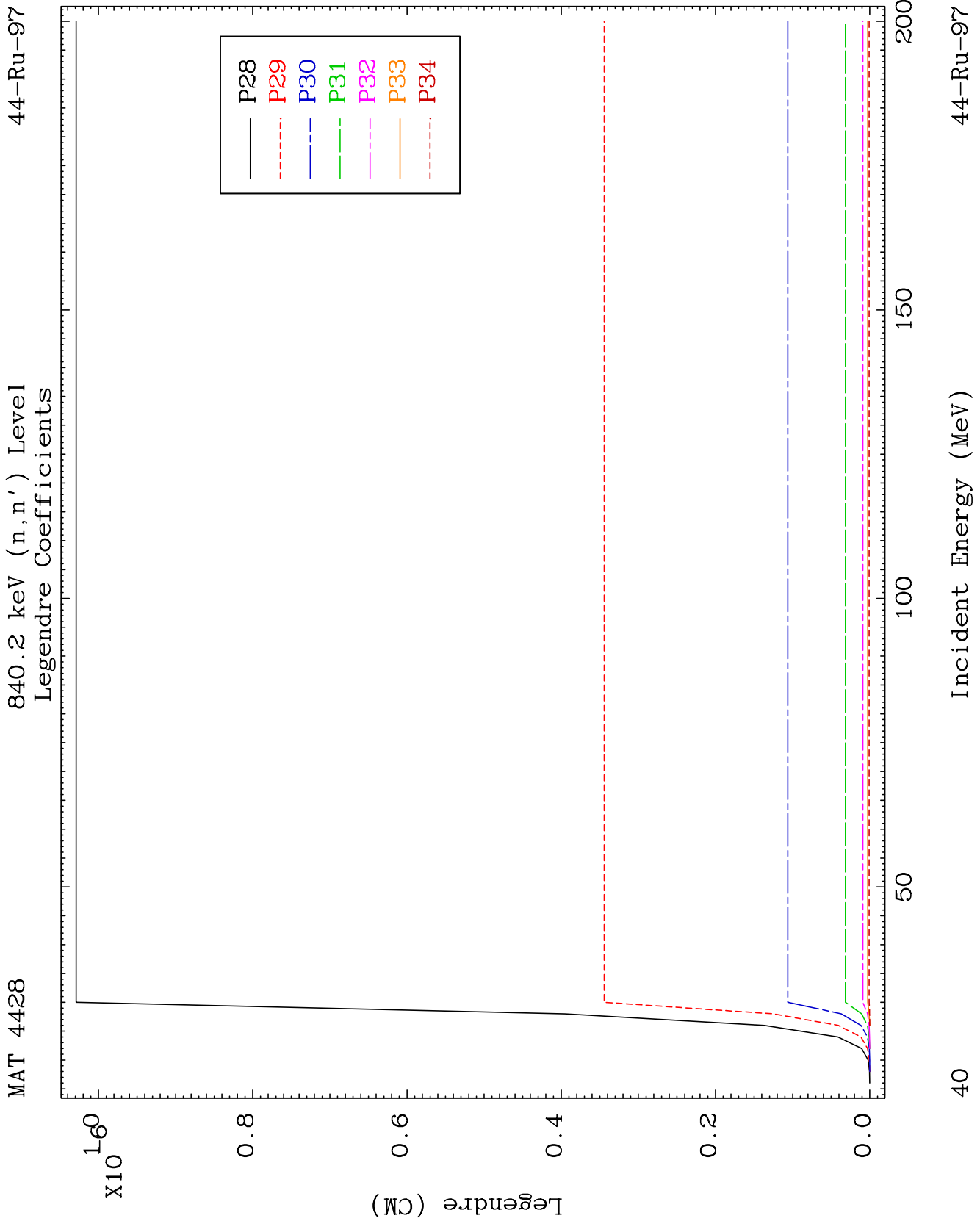


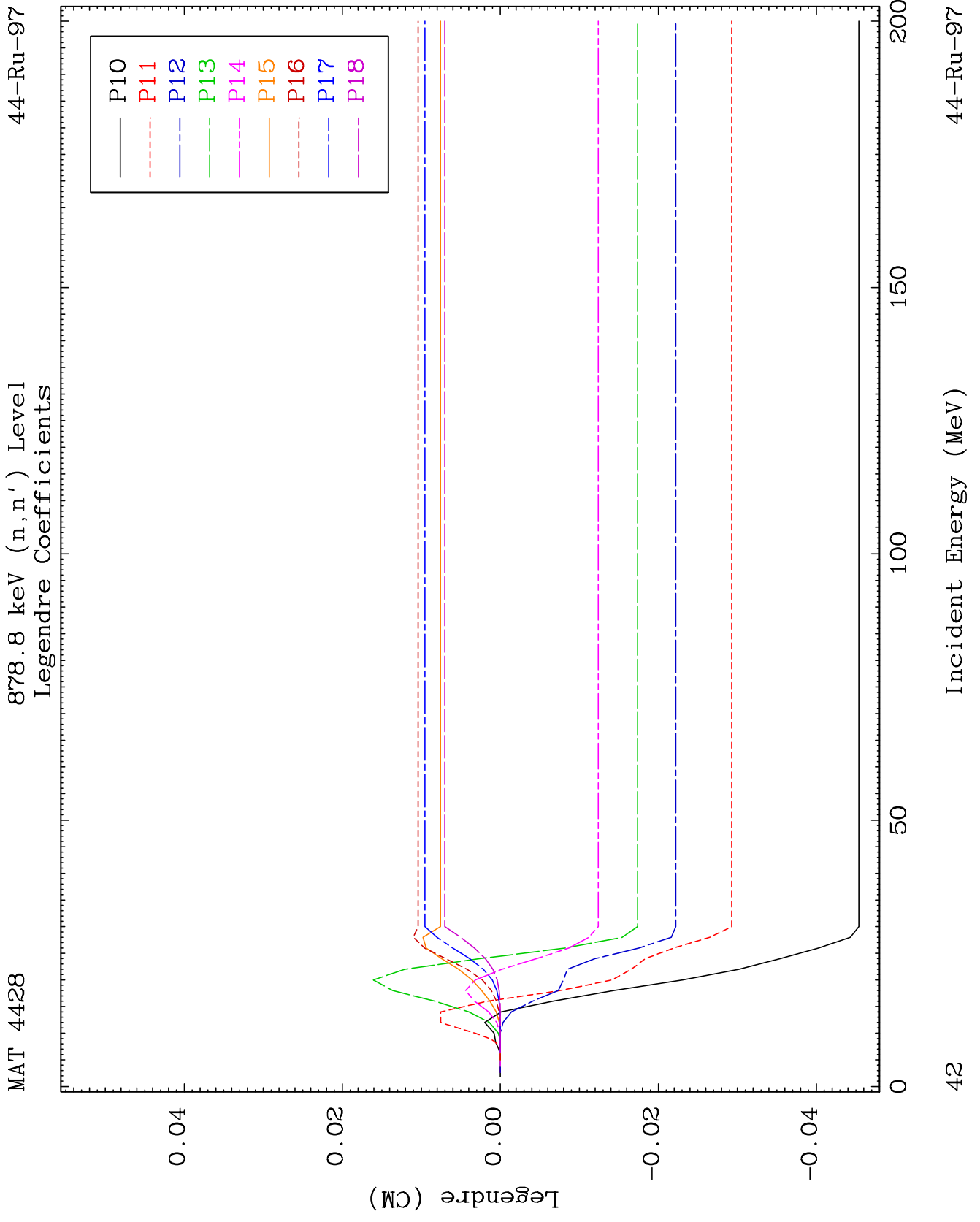
38

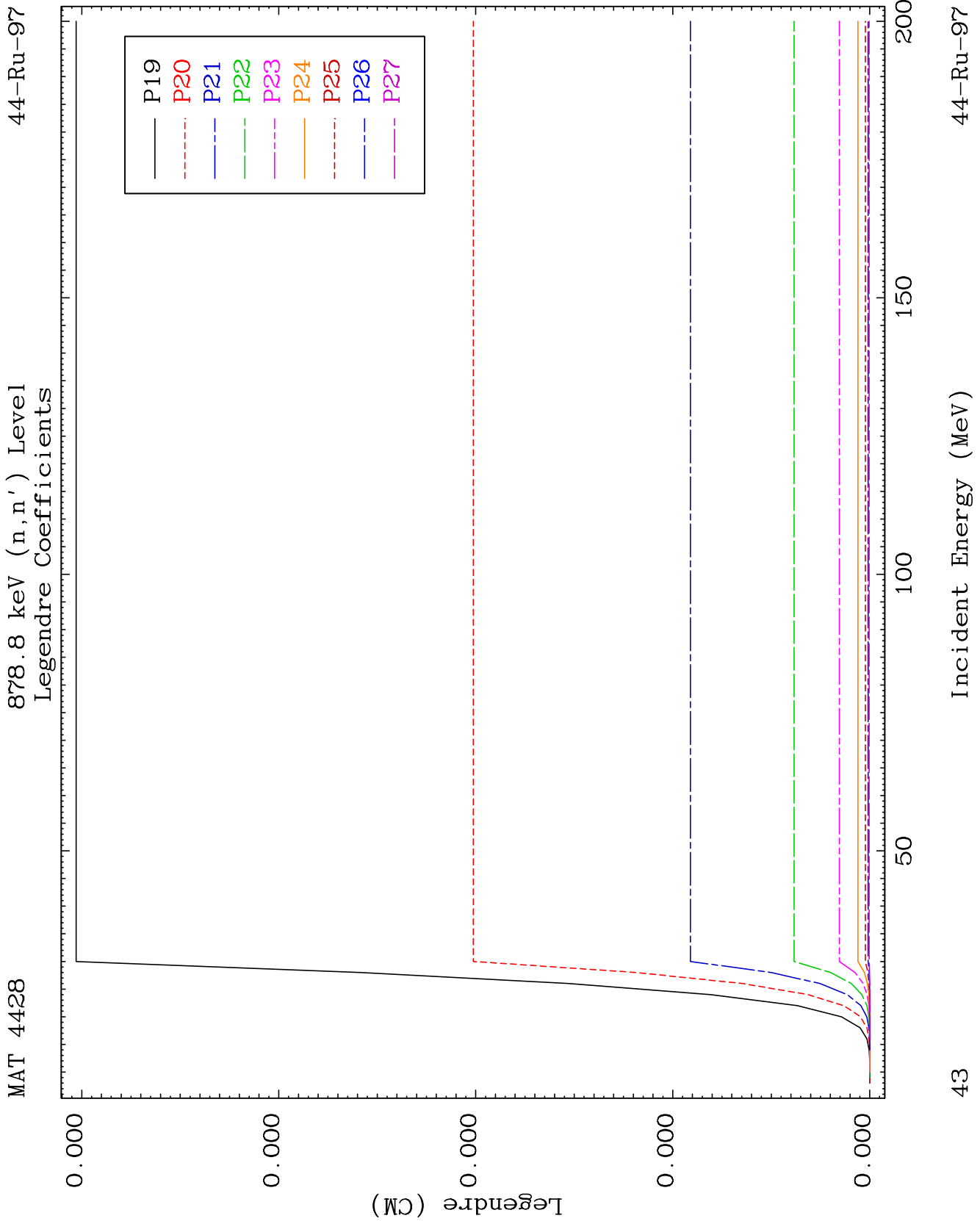
Incident Energy (MeV)

44-Ru-97





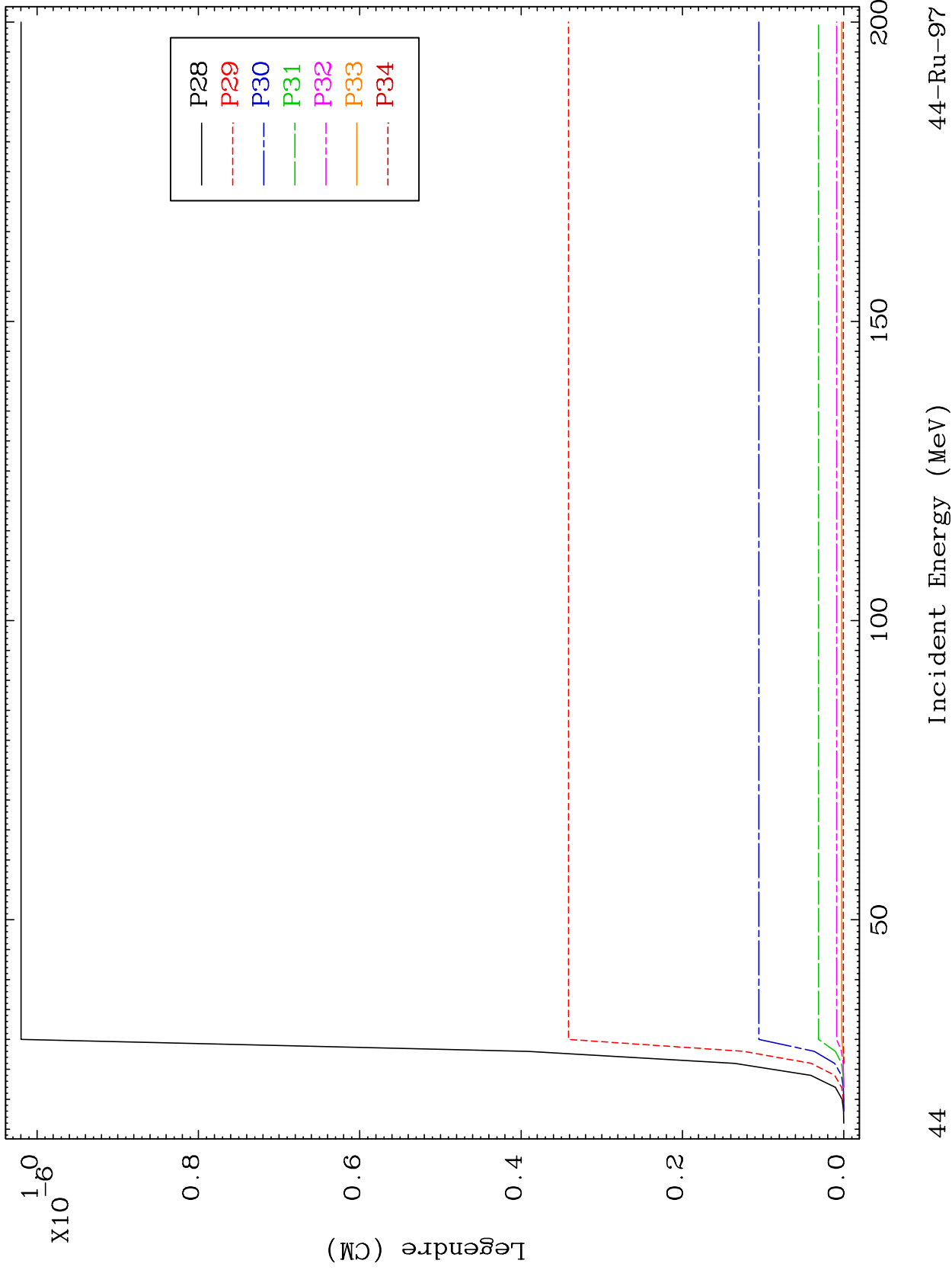


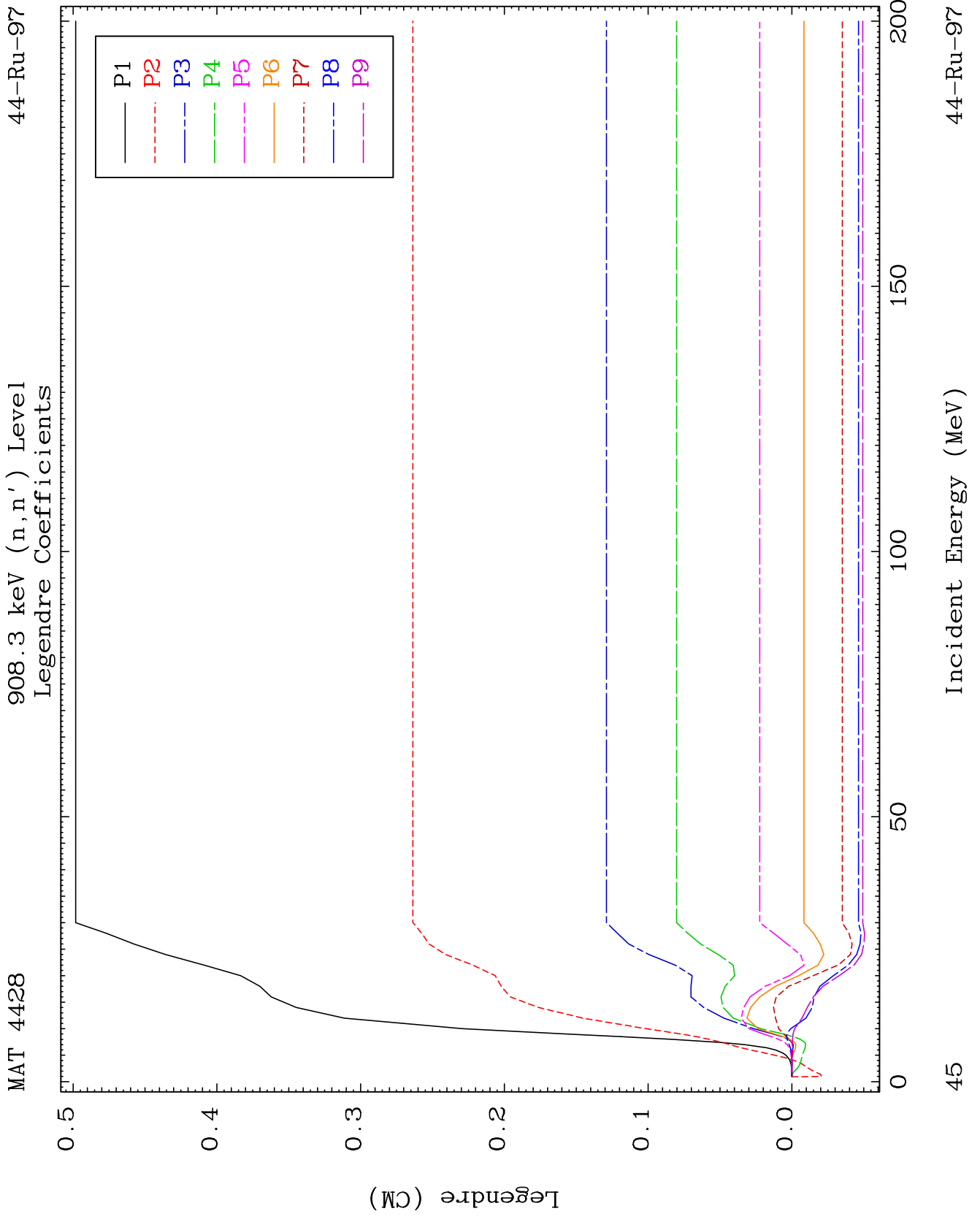


MAT 4428

878.8 keV (n,n') Level
Legendre Coefficients

44-Ru-97

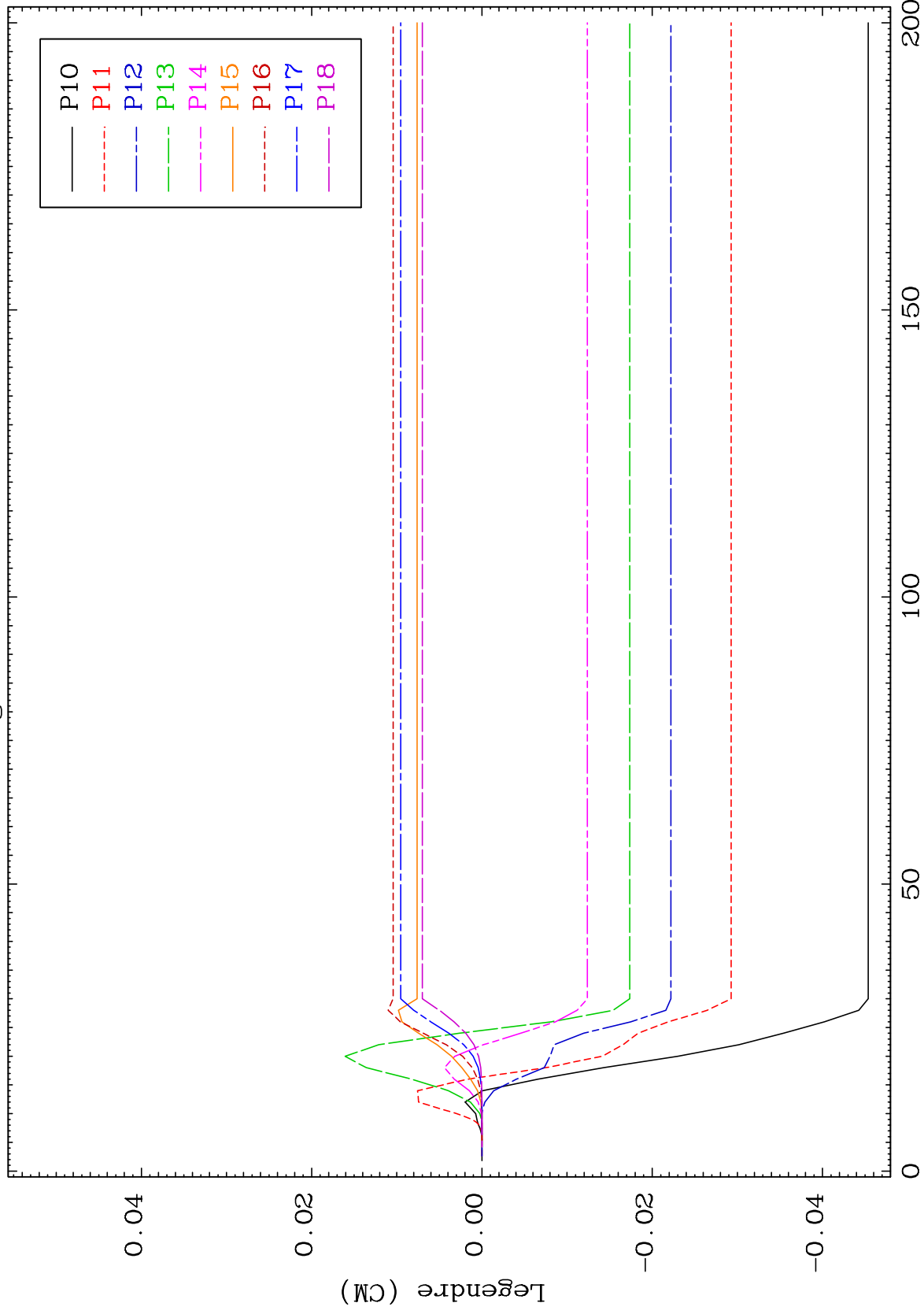




MAT 4428

908.3 keV (n,n') Level
Legendre Coefficients

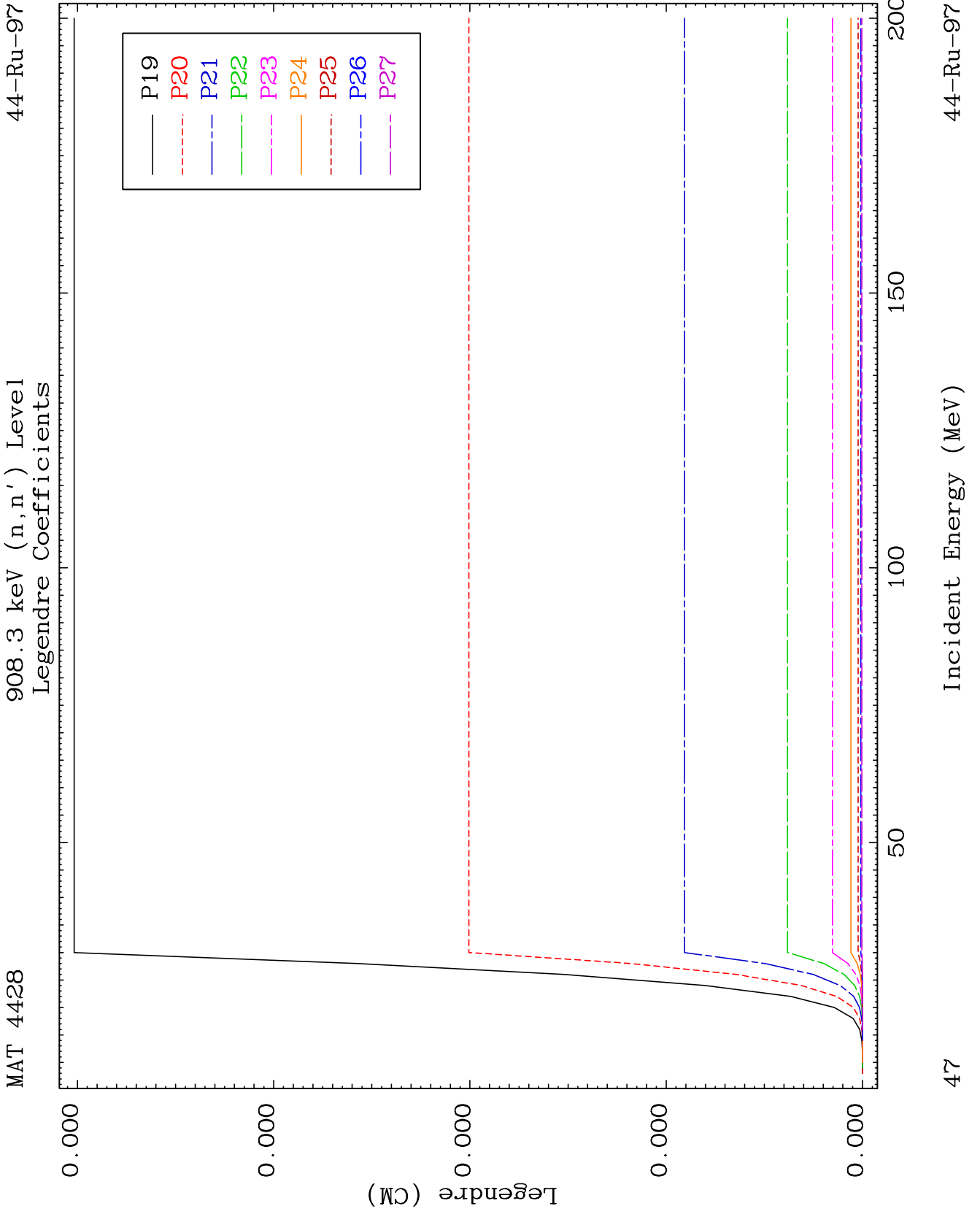
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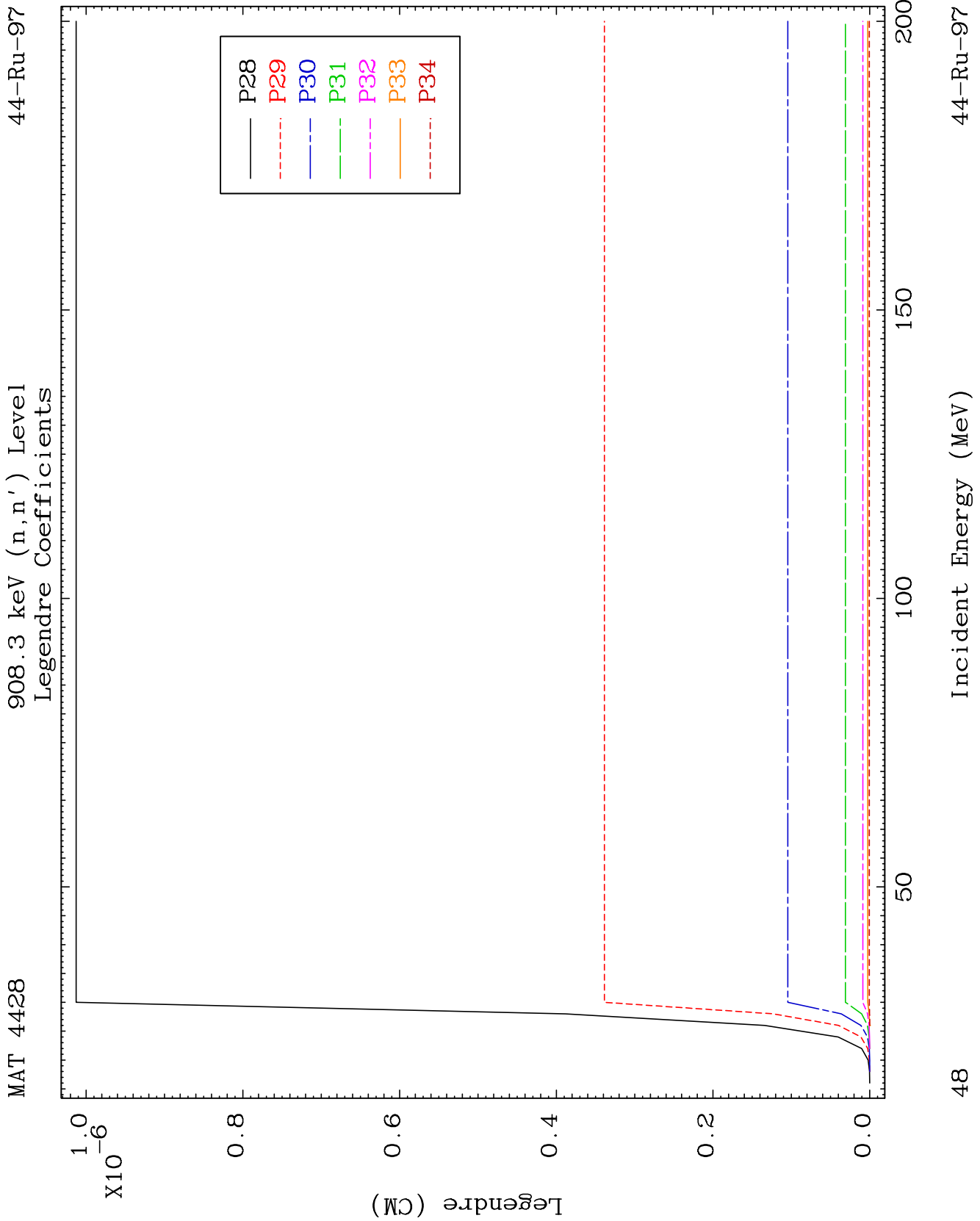


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Incident Energy (MeV)

44-Ru-97

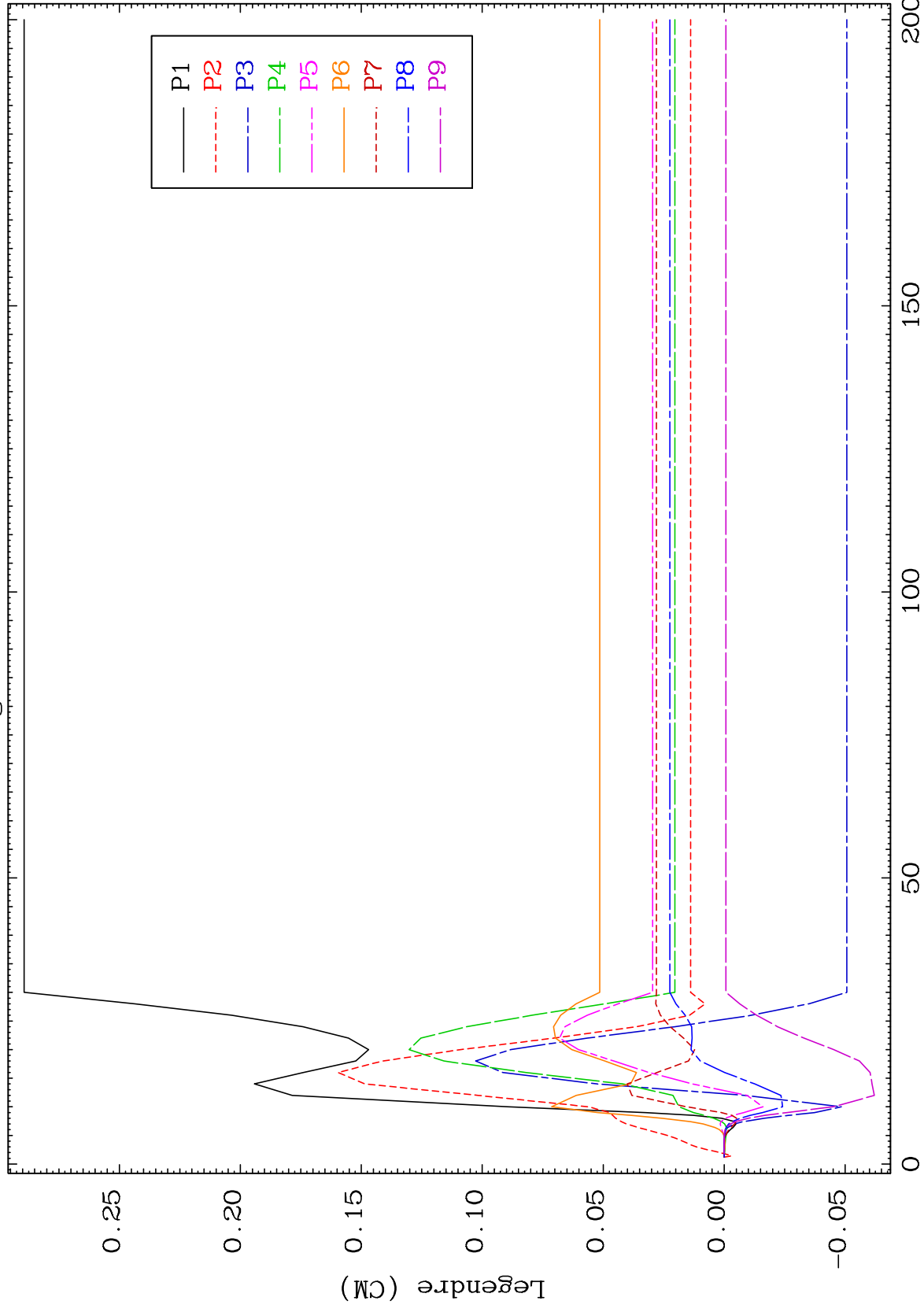




MAT 4428

1.185 MeV (n,n') Level
Legendre Coefficients

44-Ru-97



49

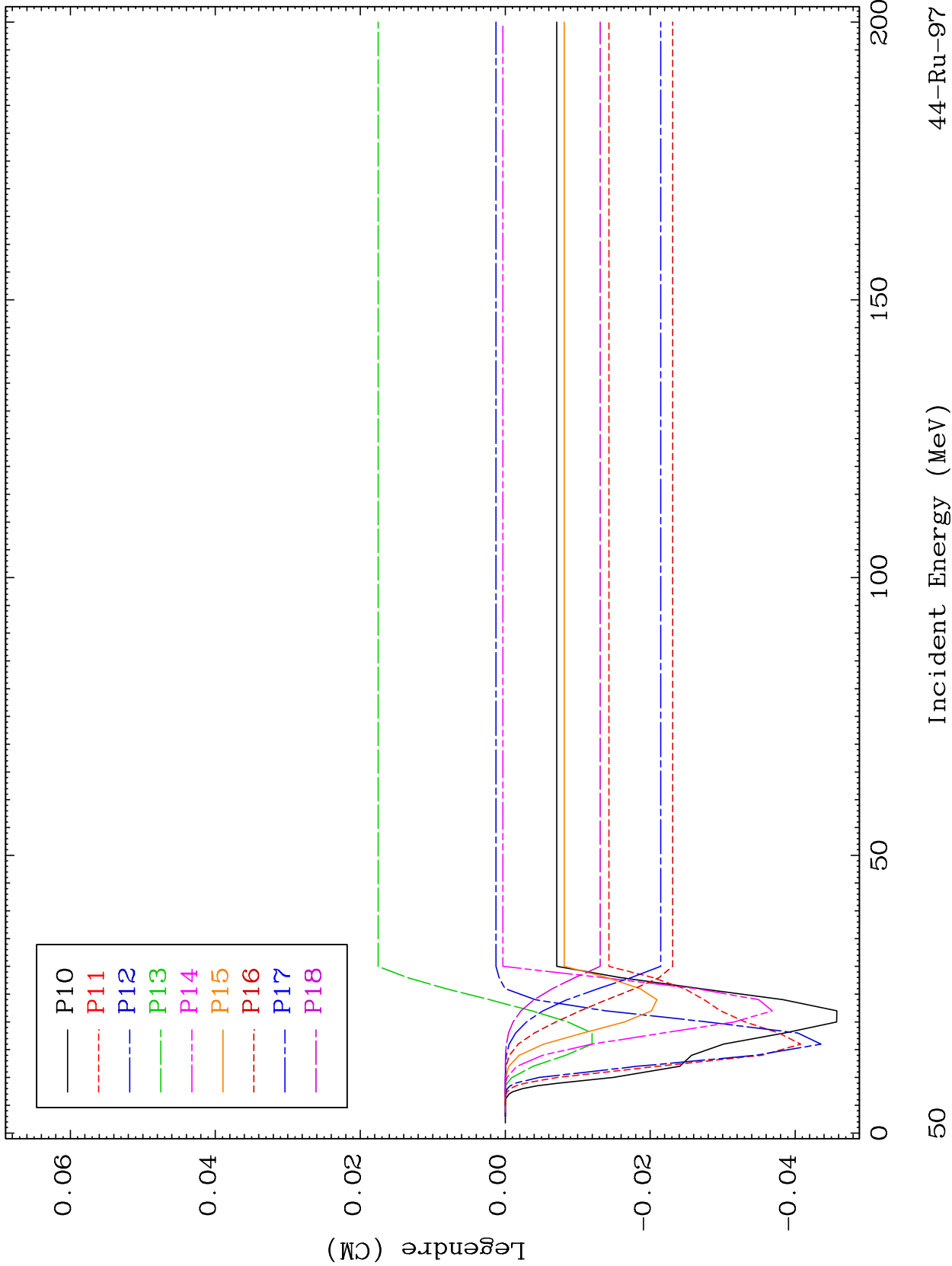
Incident Energy (MeV)

44-Ru-97

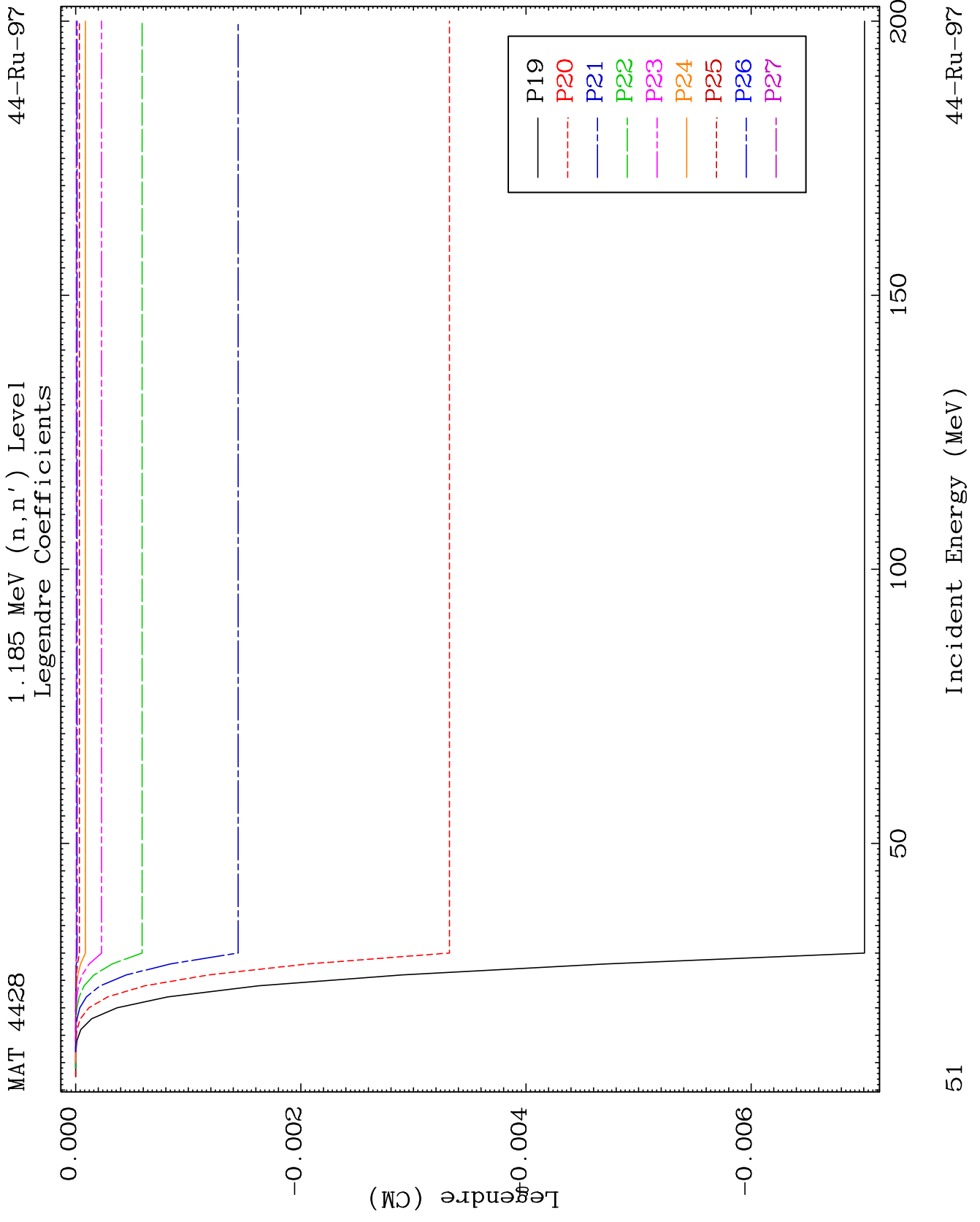
MAT 4428

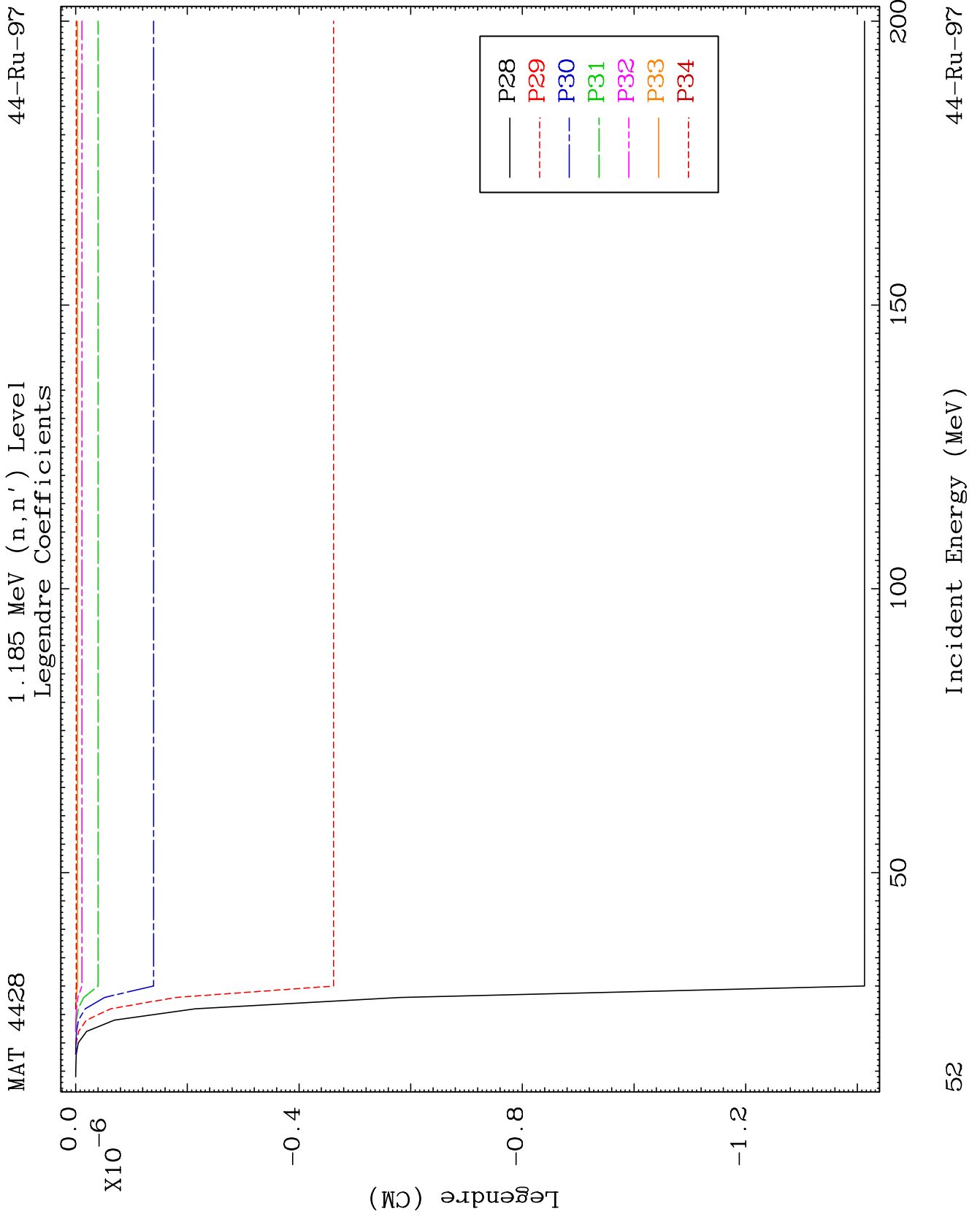
1.185 MeV (n, n') Level
Legendre Coefficients

44-Ru-97



44-Ru-97

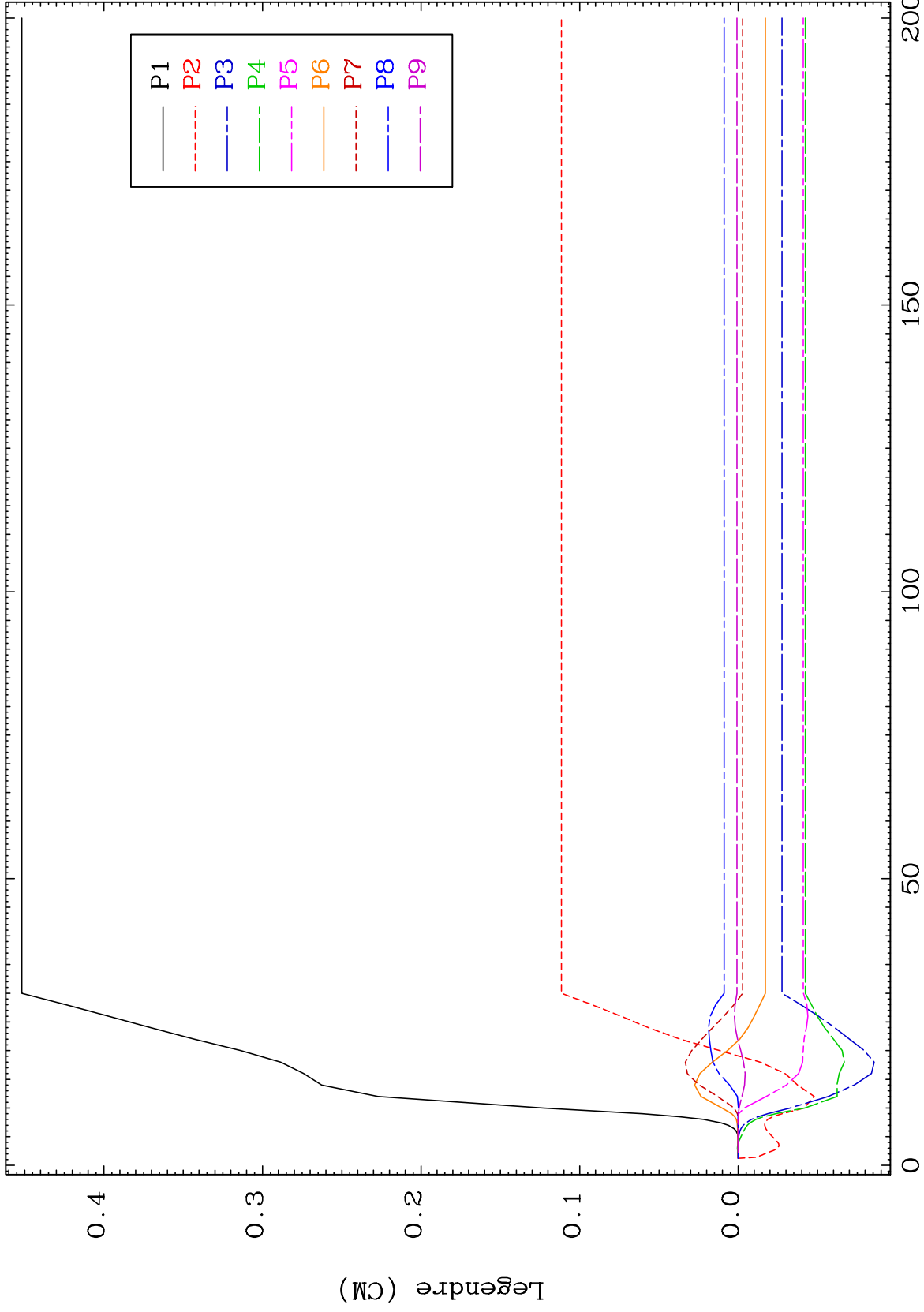




MAT 4428

1.199 MeV (n,n') Level
Legendre Coefficients

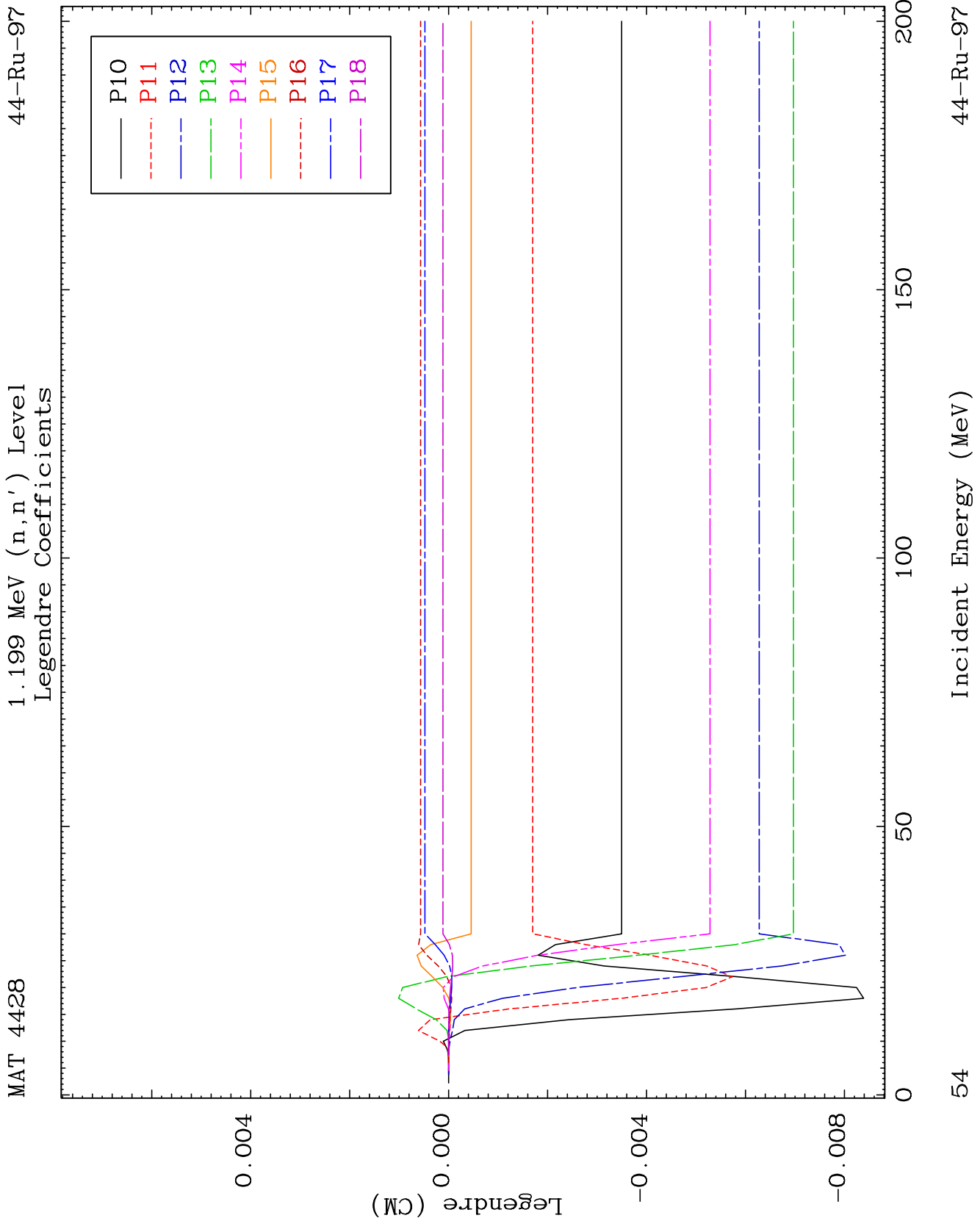
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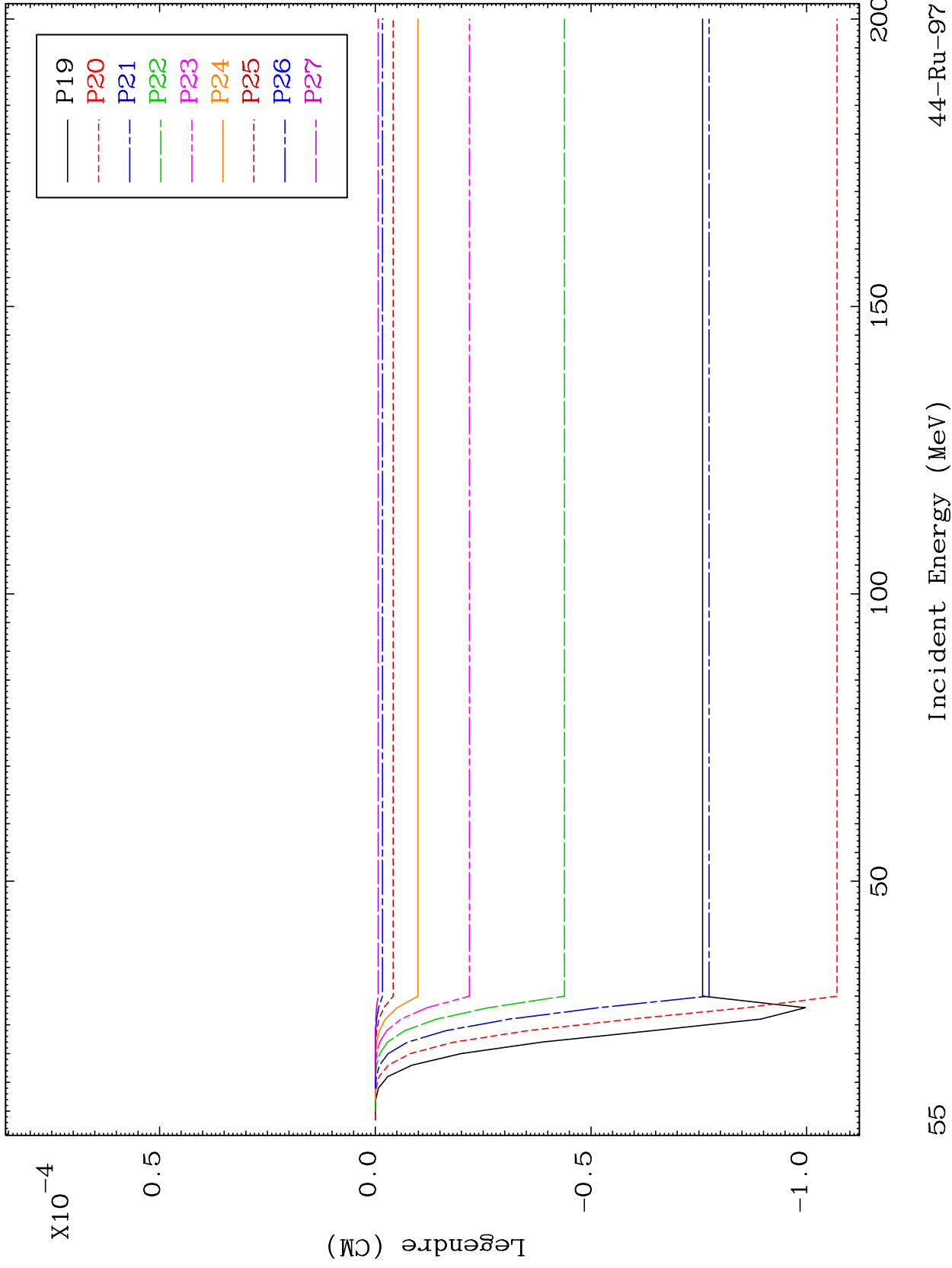


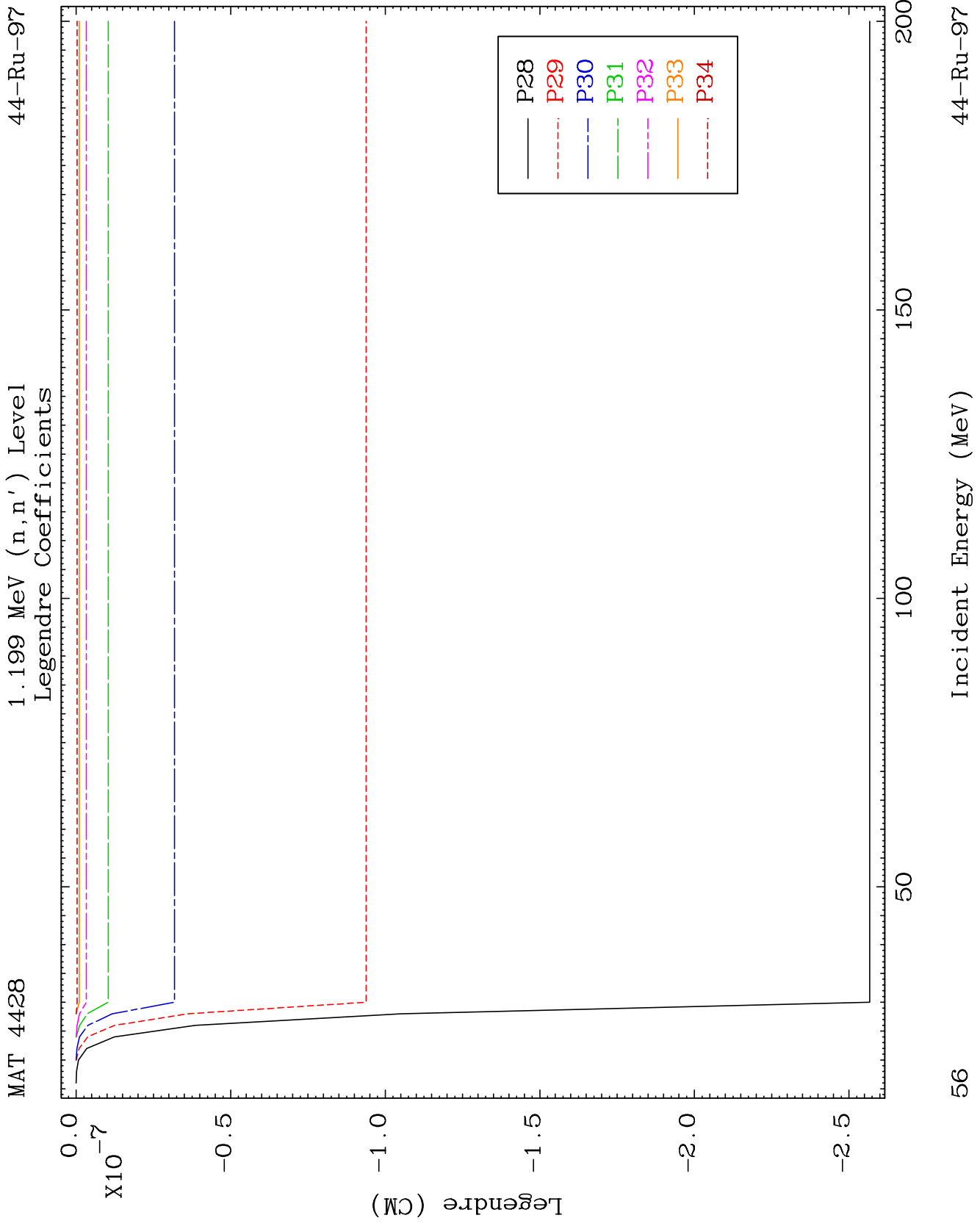
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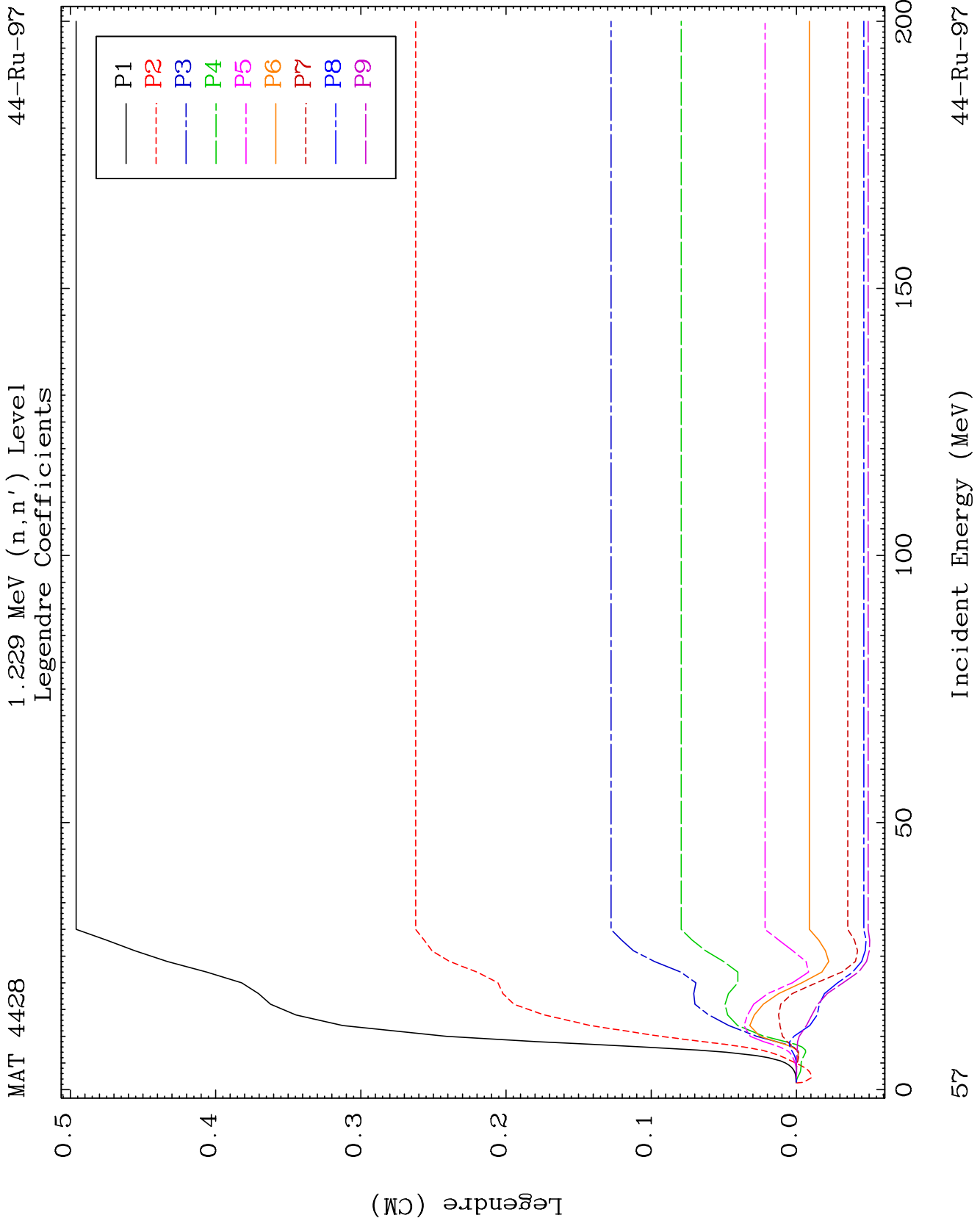
Incident Energy (MeV)

44-Ru-97





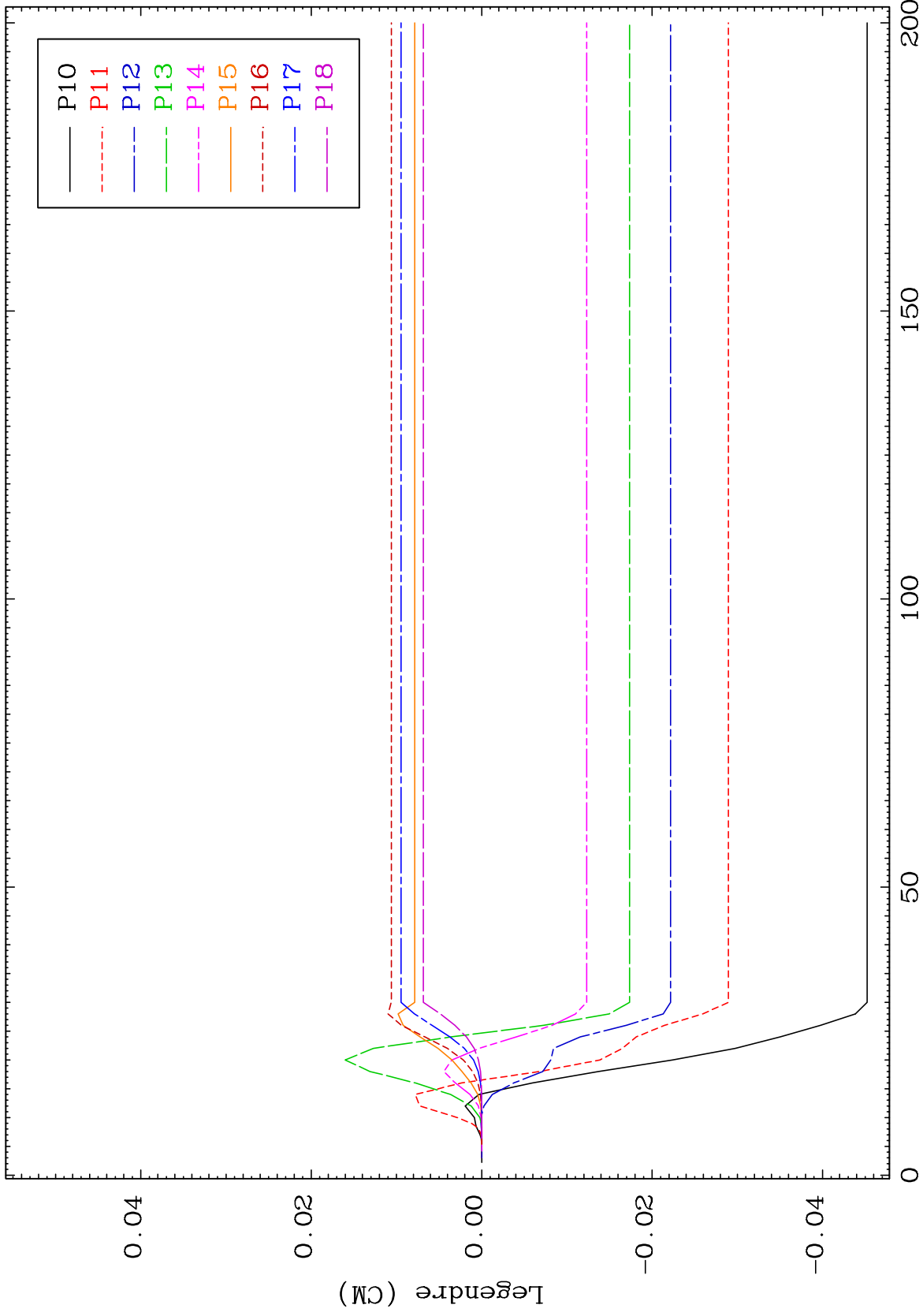




MAT 4428

1.229 MeV (n,n') Level
Legendre Coefficients

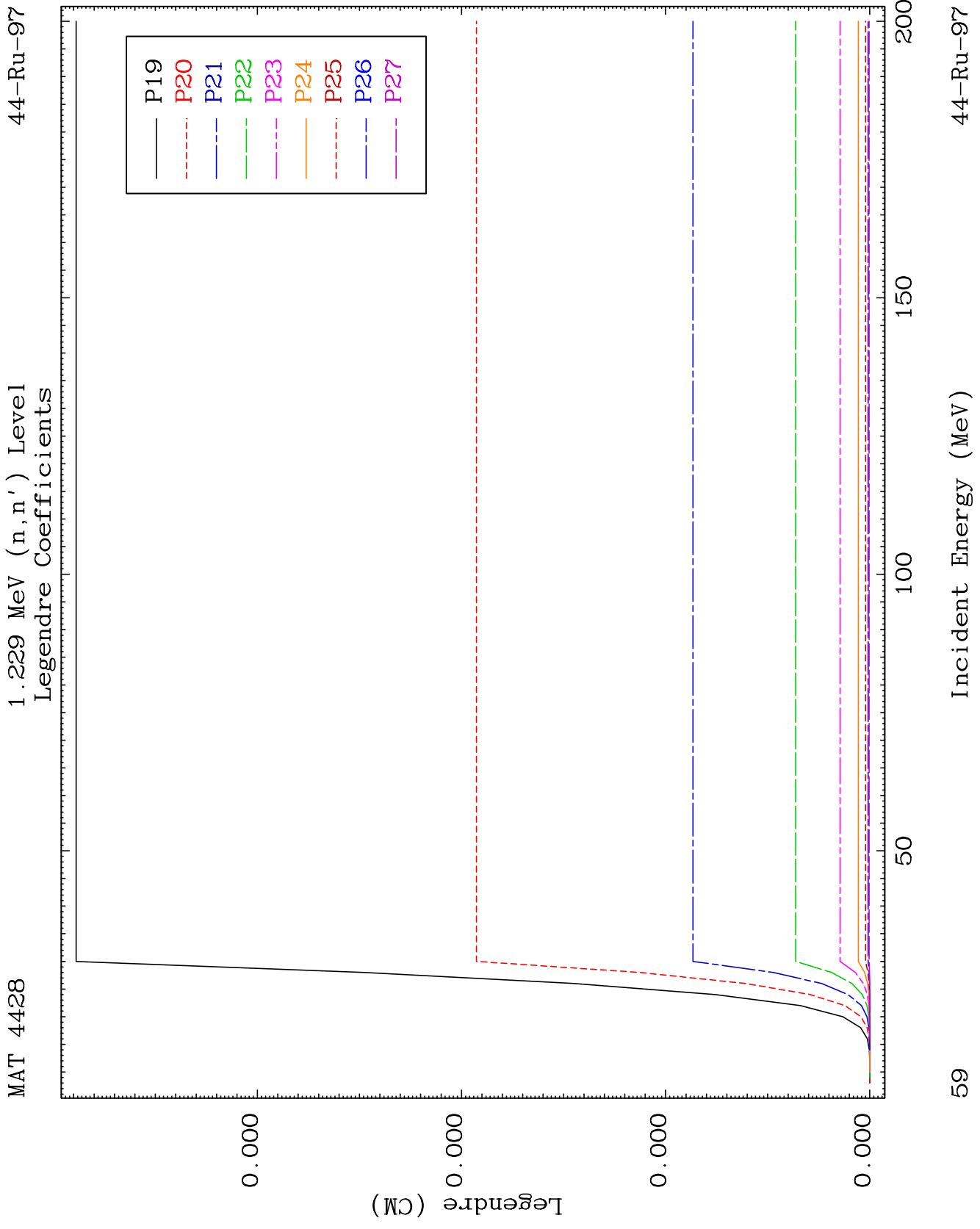
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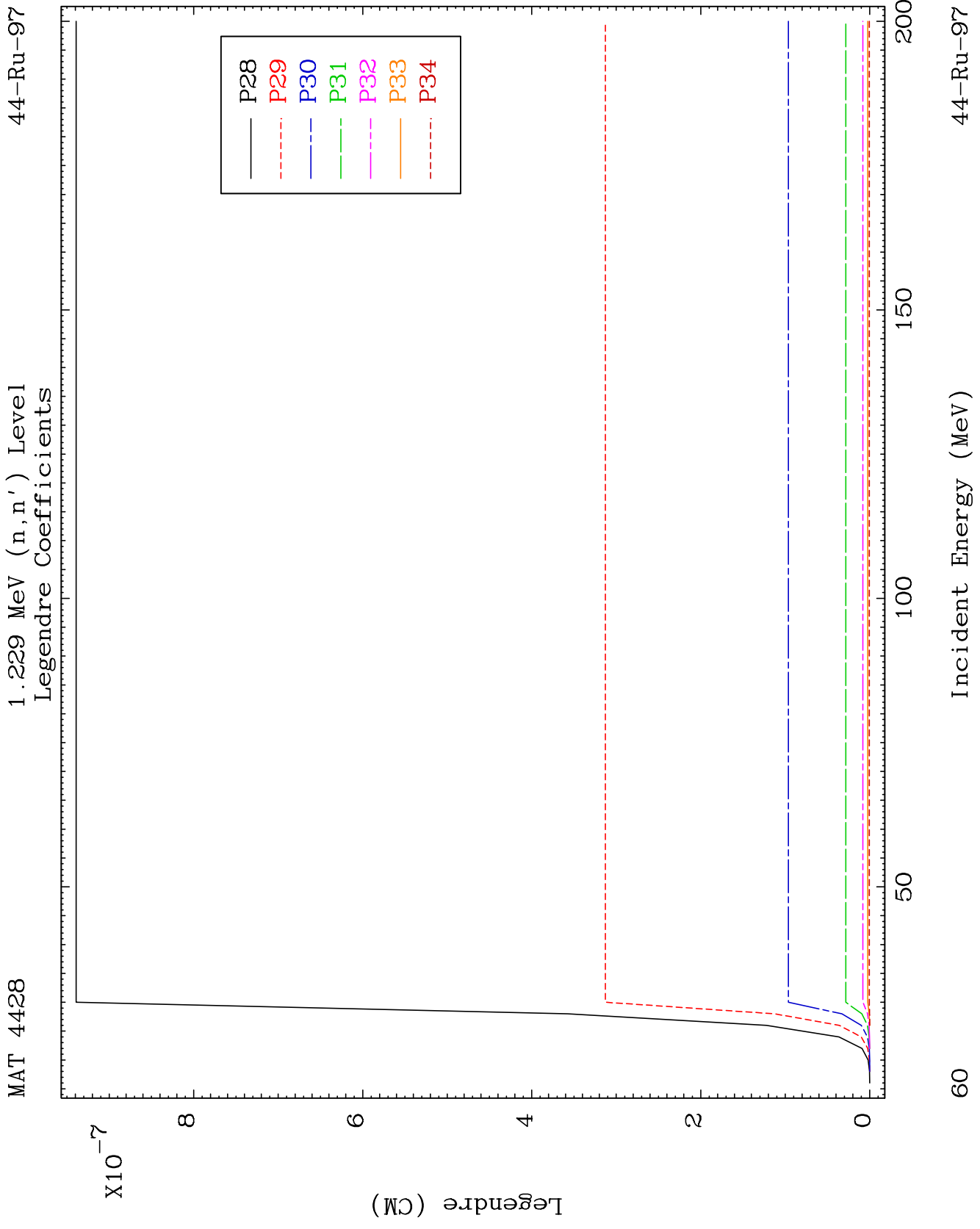


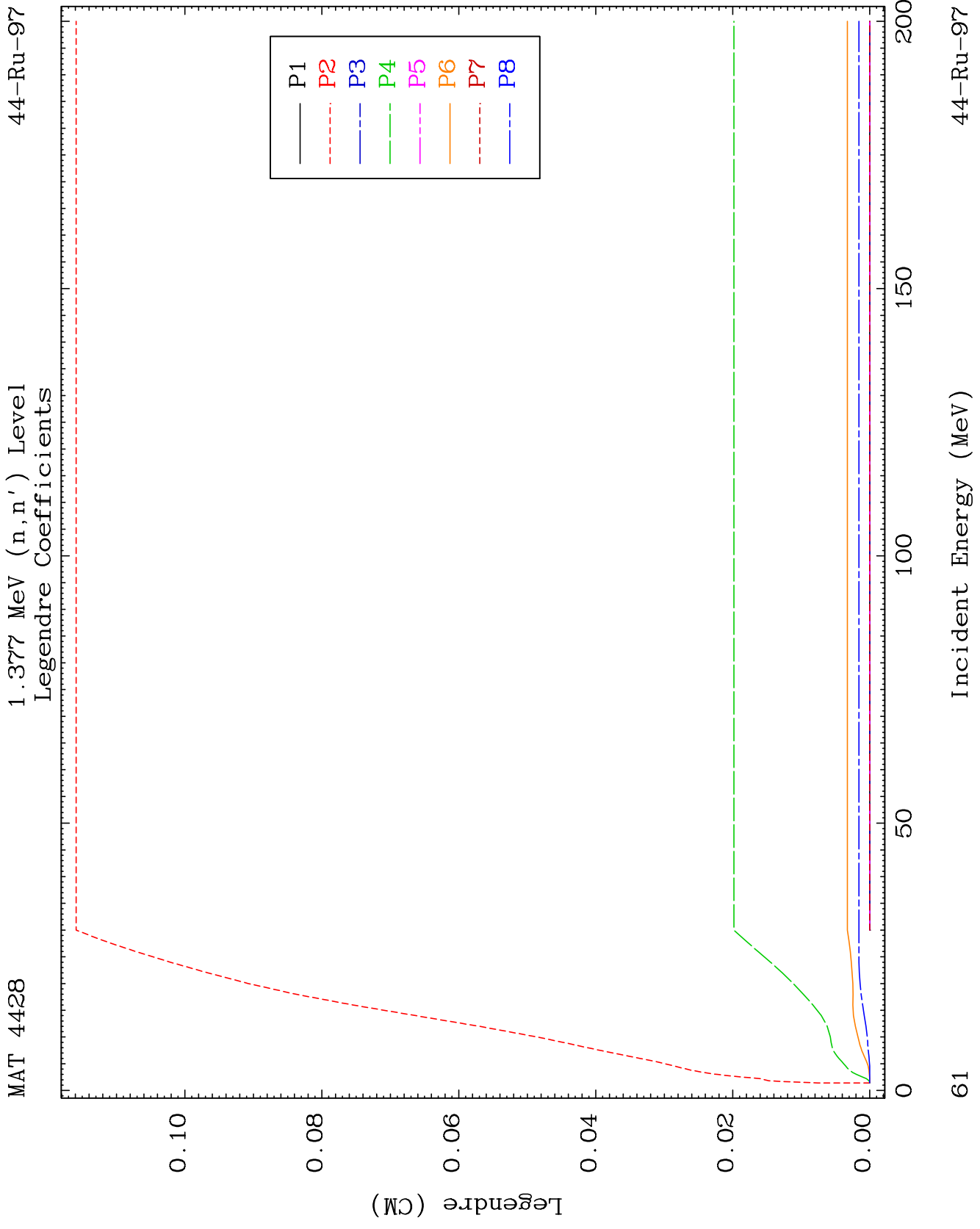
58

Incident Energy (MeV)

44-Ru-97



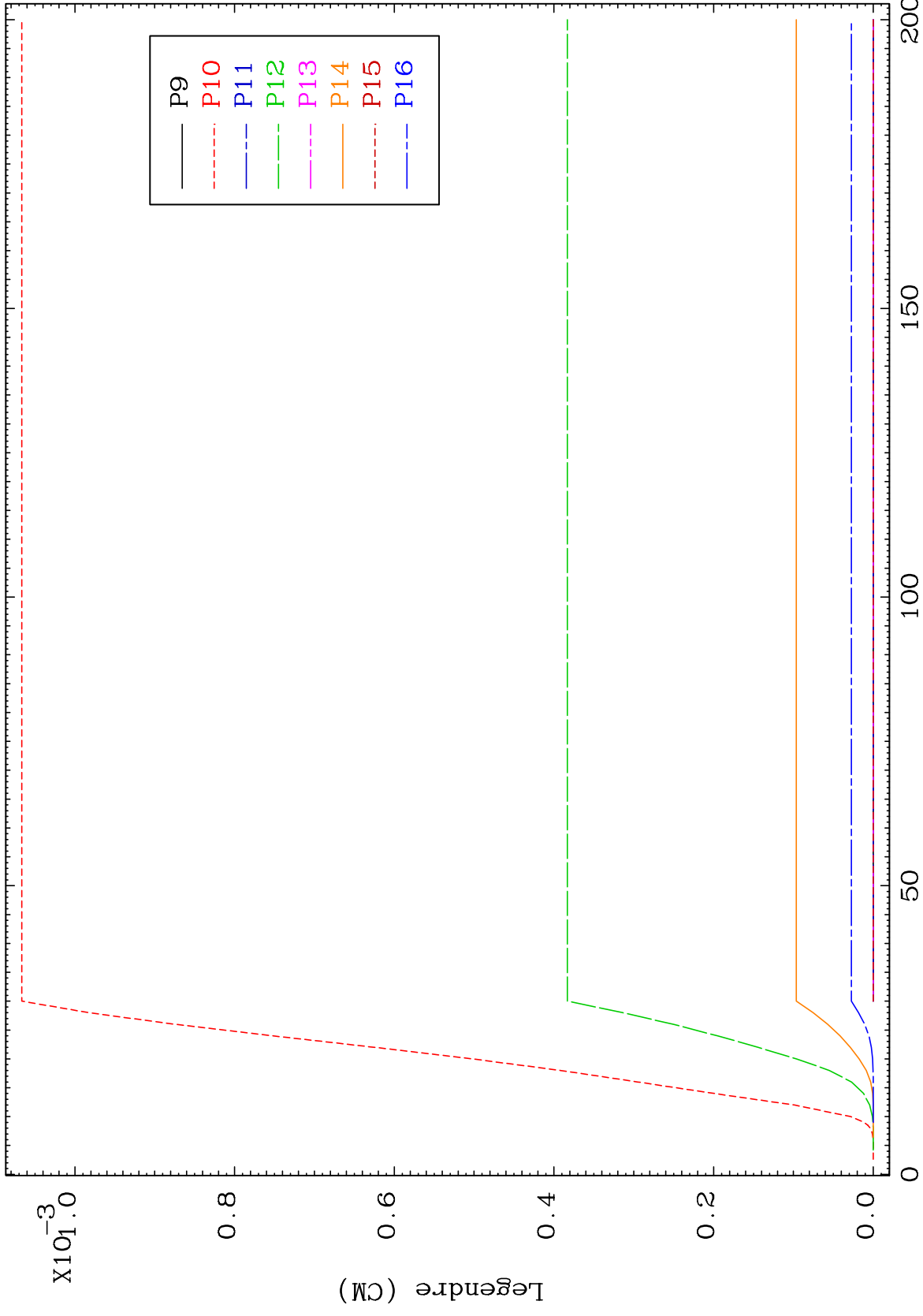




MAT 4428

1.377 MeV (n,n') Level
Legendre Coefficients

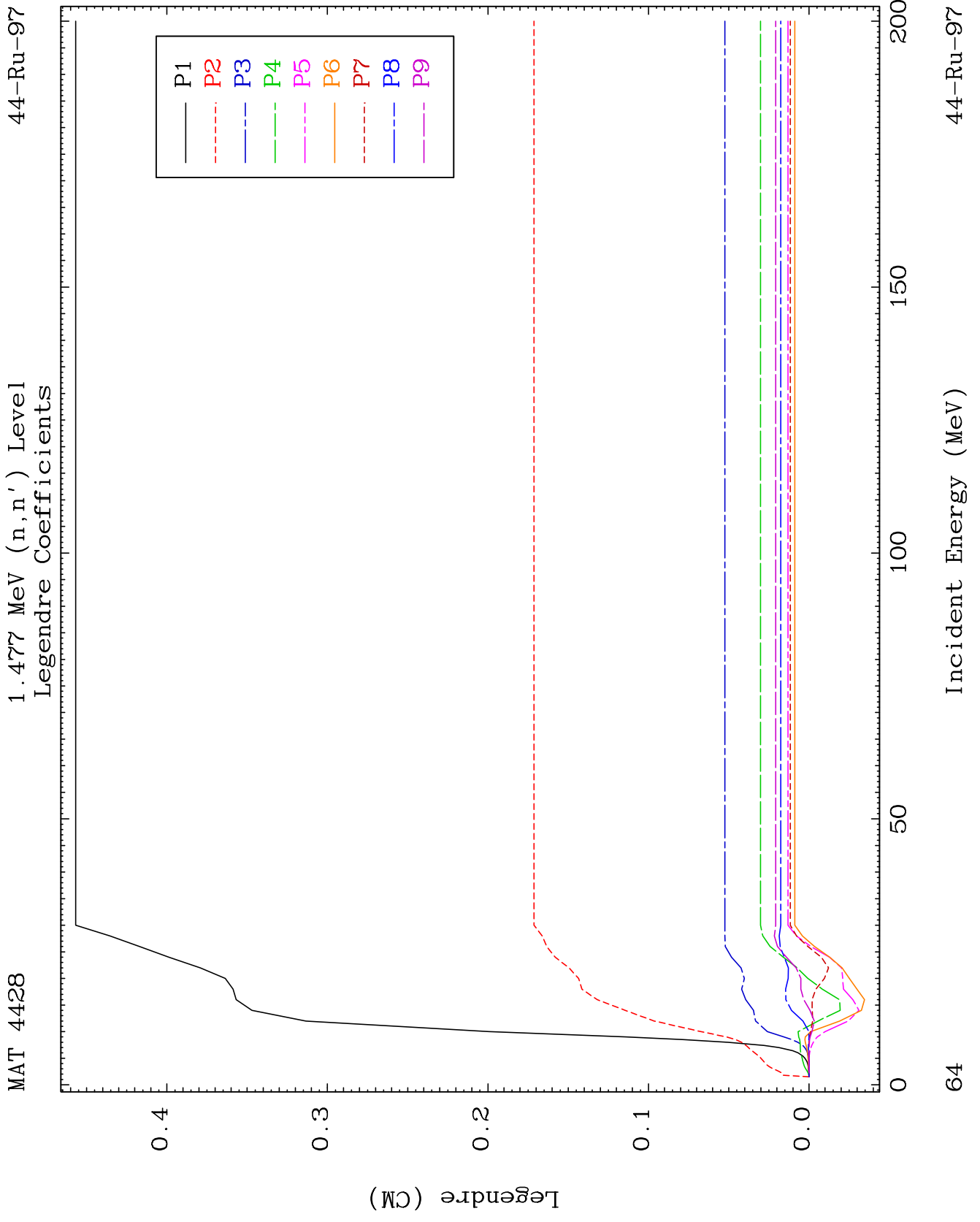
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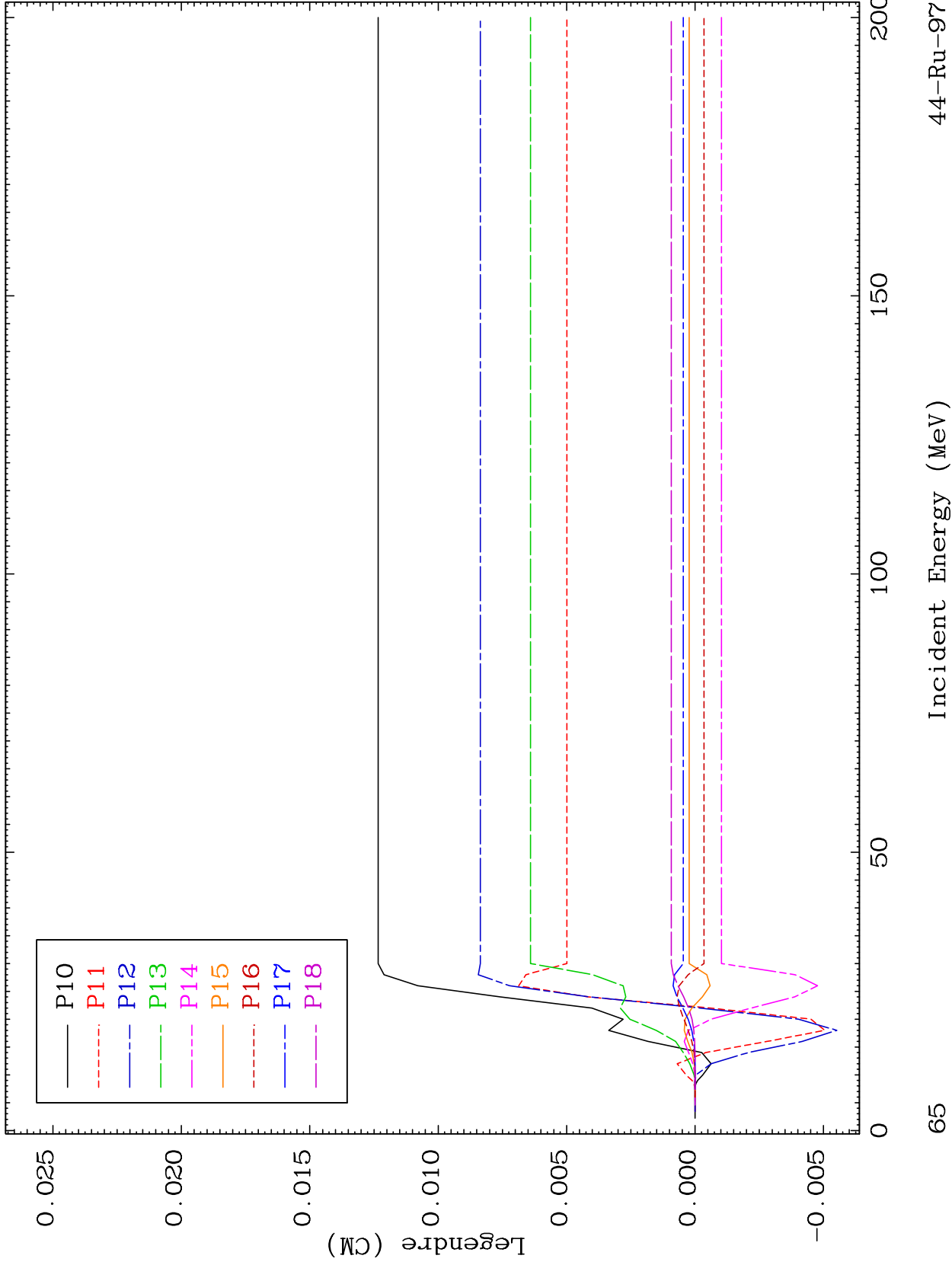


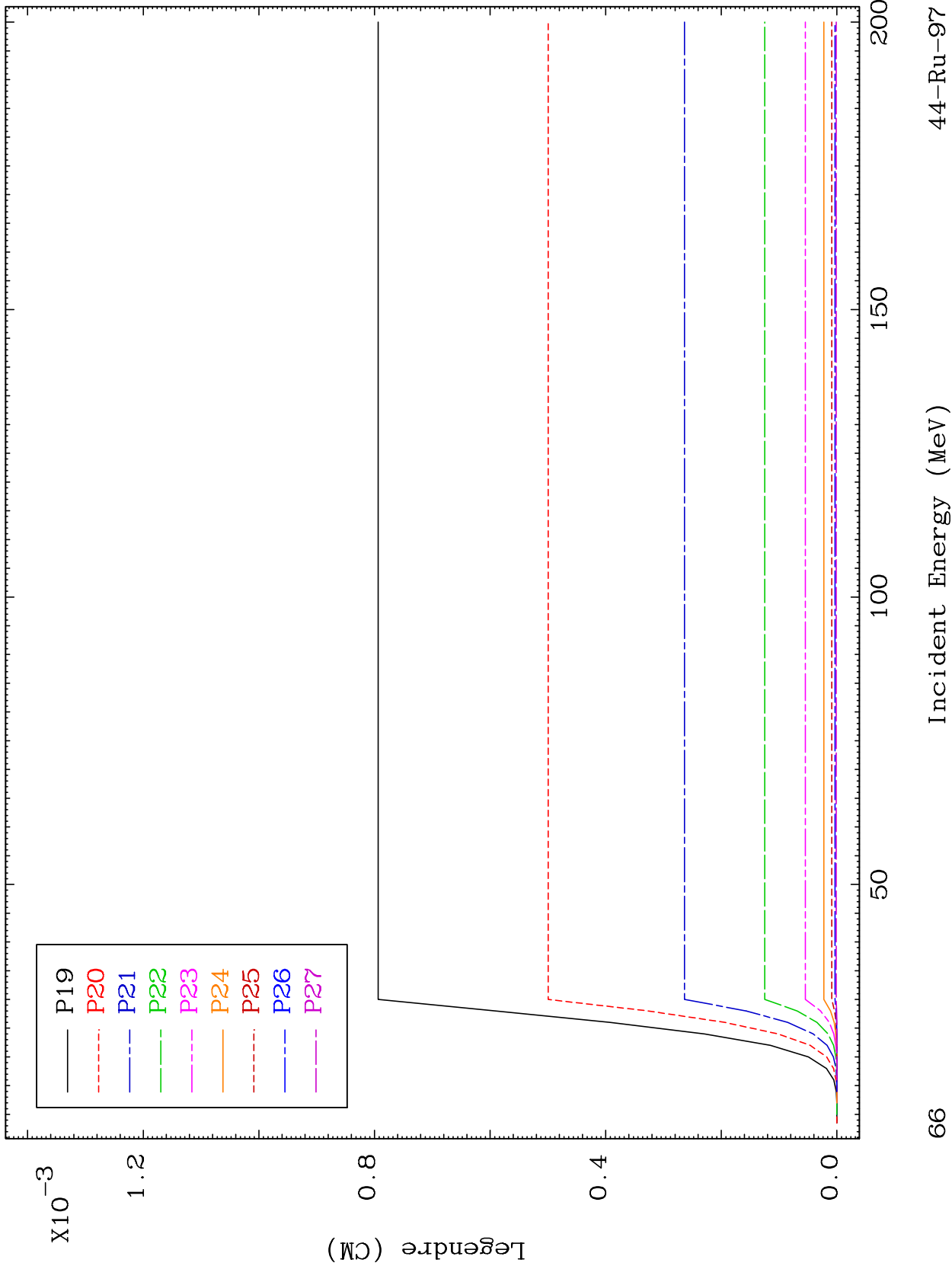
62

Incident Energy (MeV)

44-Ru-97



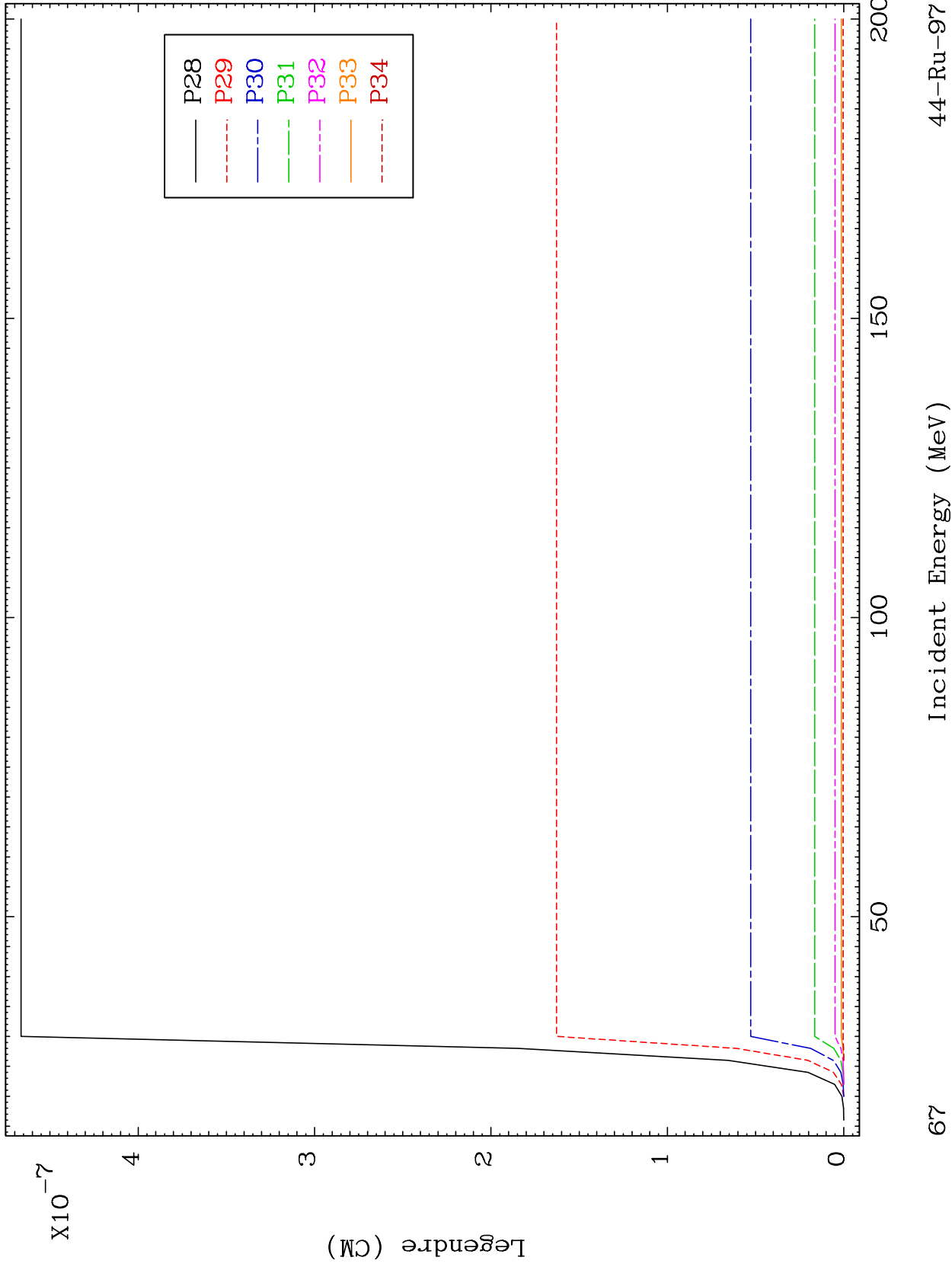




MAT 4428

1.477 MeV (n,n') Level
Legendre Coefficients

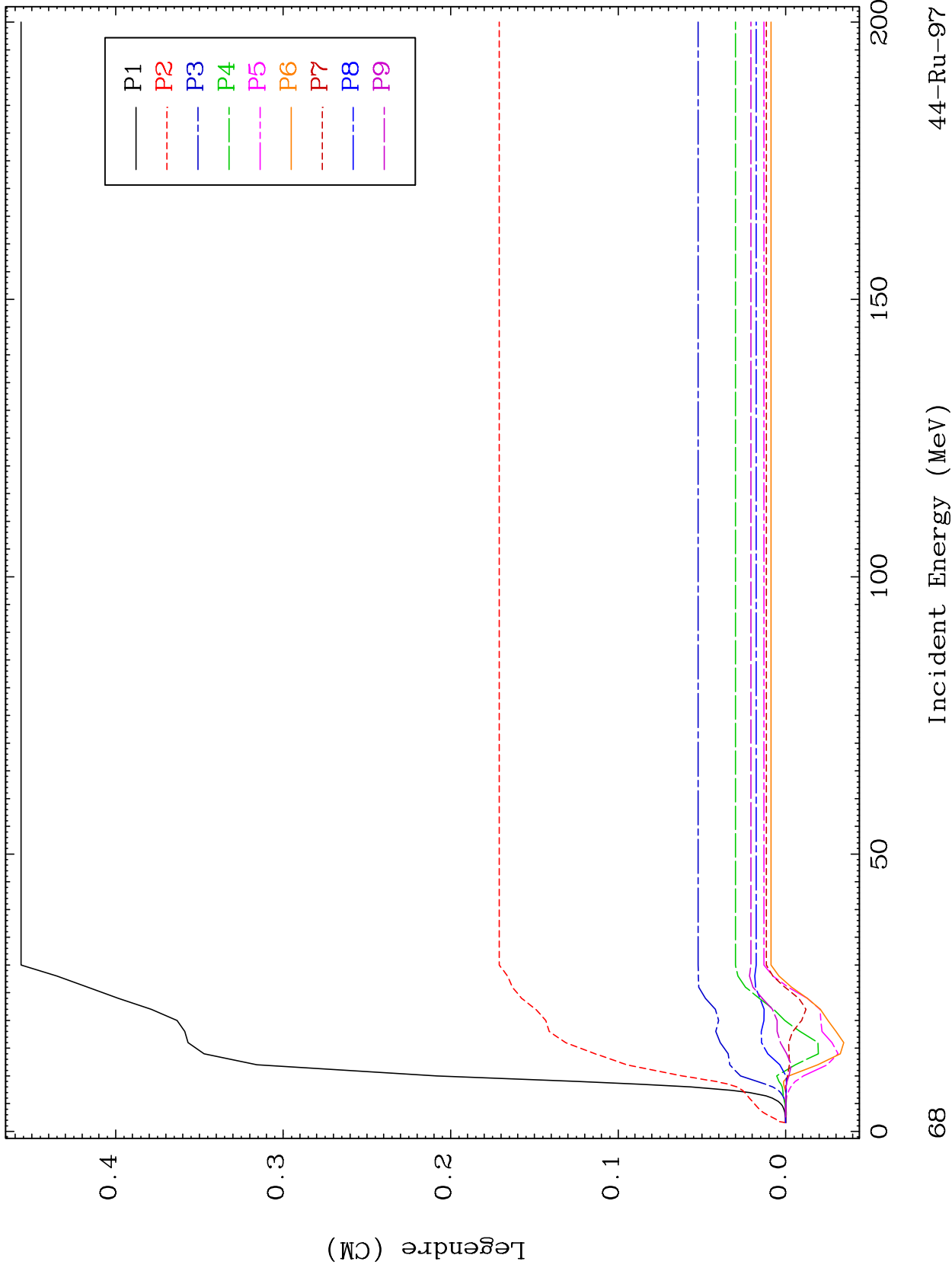
44-Ru-97



MAT 4428

1.543 MeV (n,n') Level
Legendre Coefficients

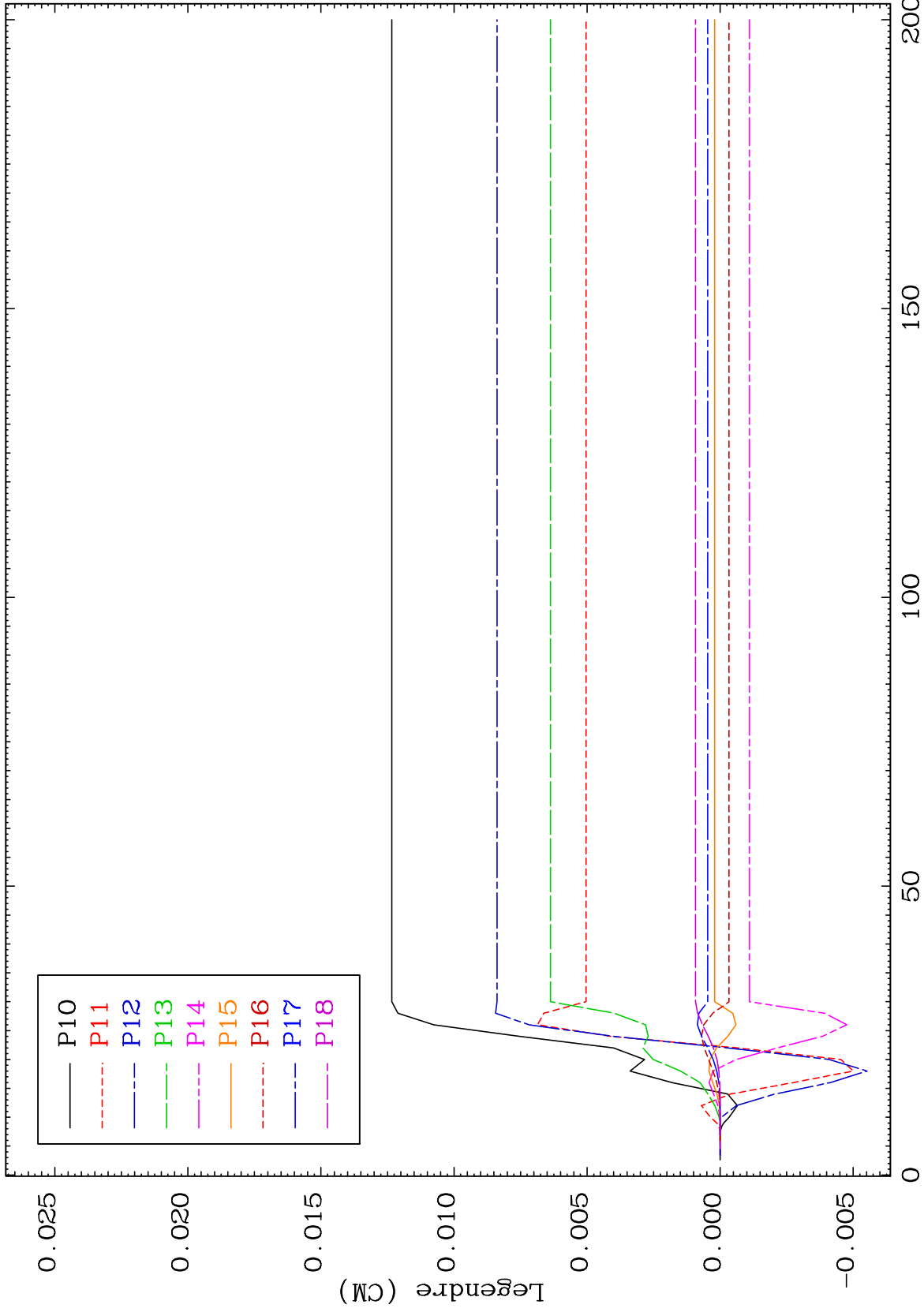
44-Ru-97



44-Ru-97

Incident Energy (MeV)

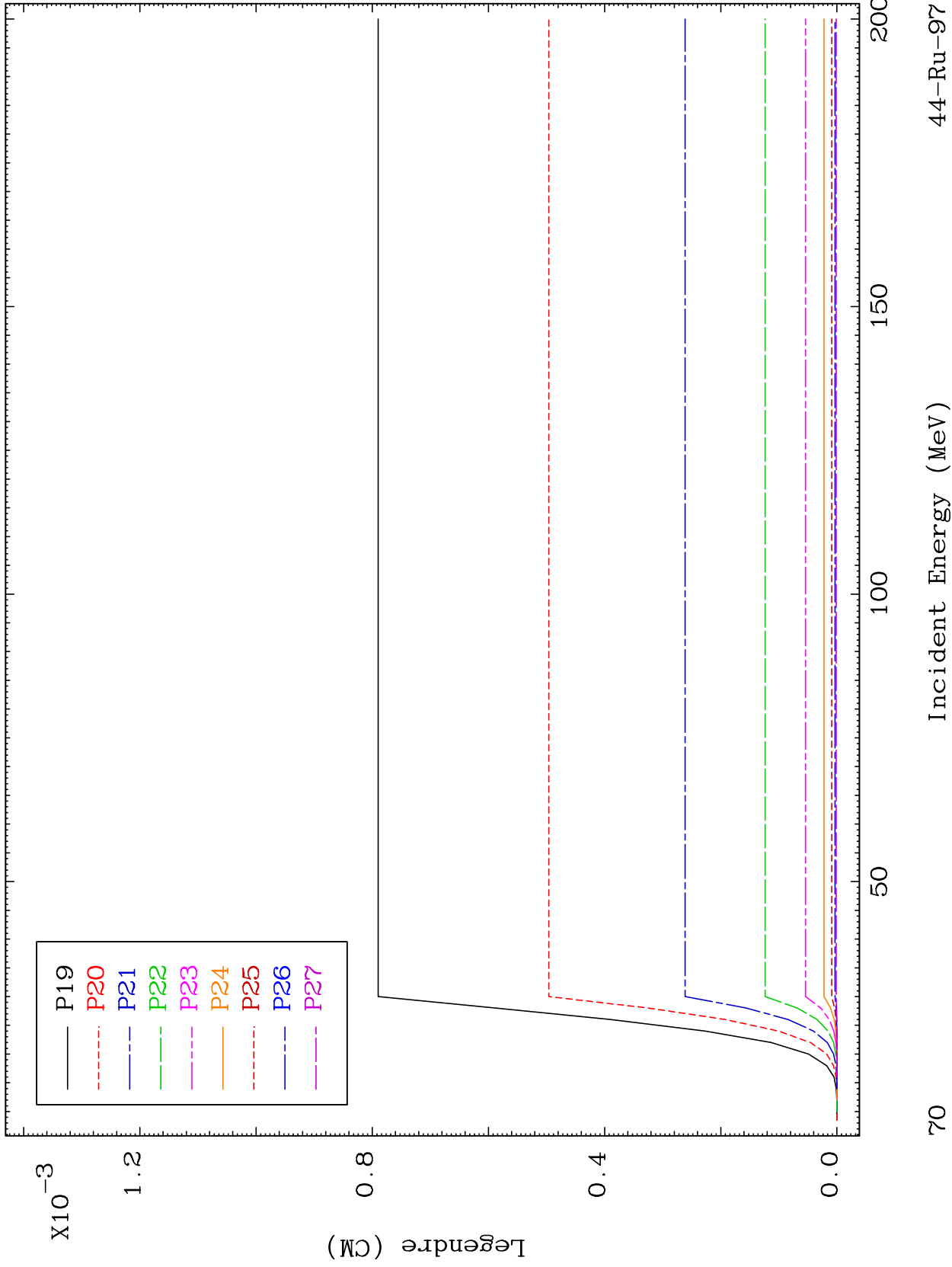
68



MAT 4428

1.543 MeV (n, n') Level
Legendre Coefficients

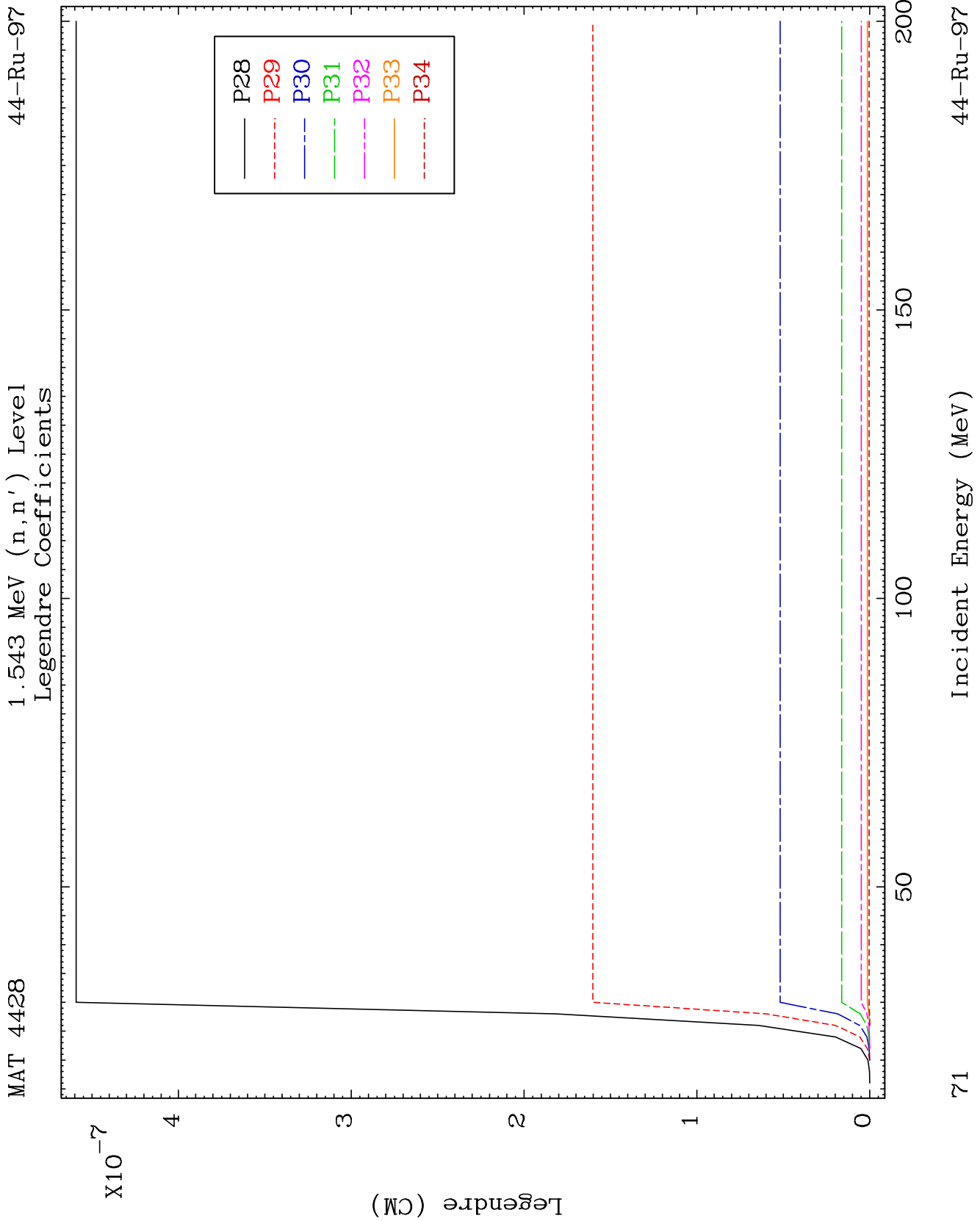
44-Ru-97



70

Incident Energy (MeV)

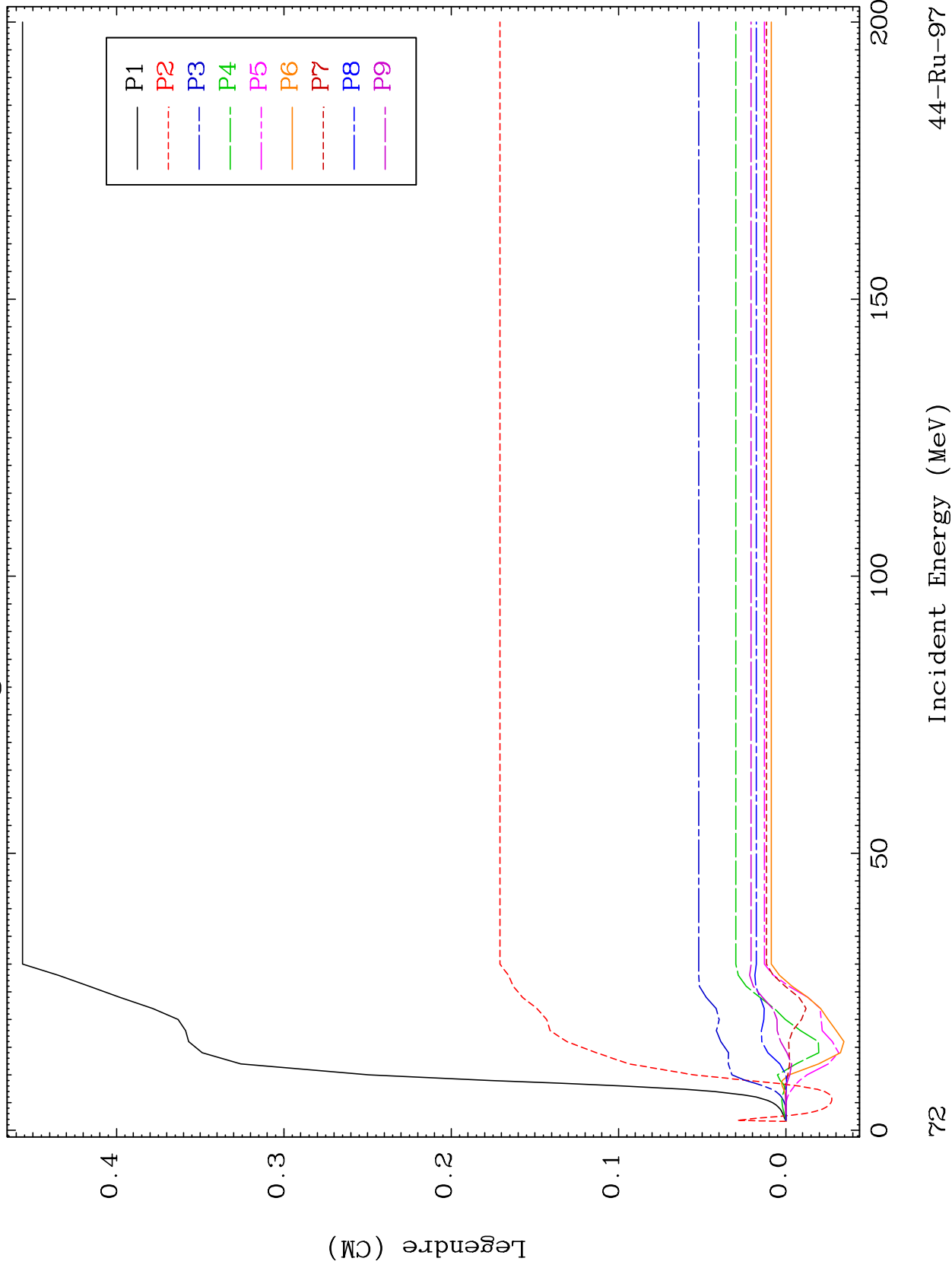
44-Ru-97



MAT 4428

1.596 MeV (n,n') Level
Legendre Coefficients

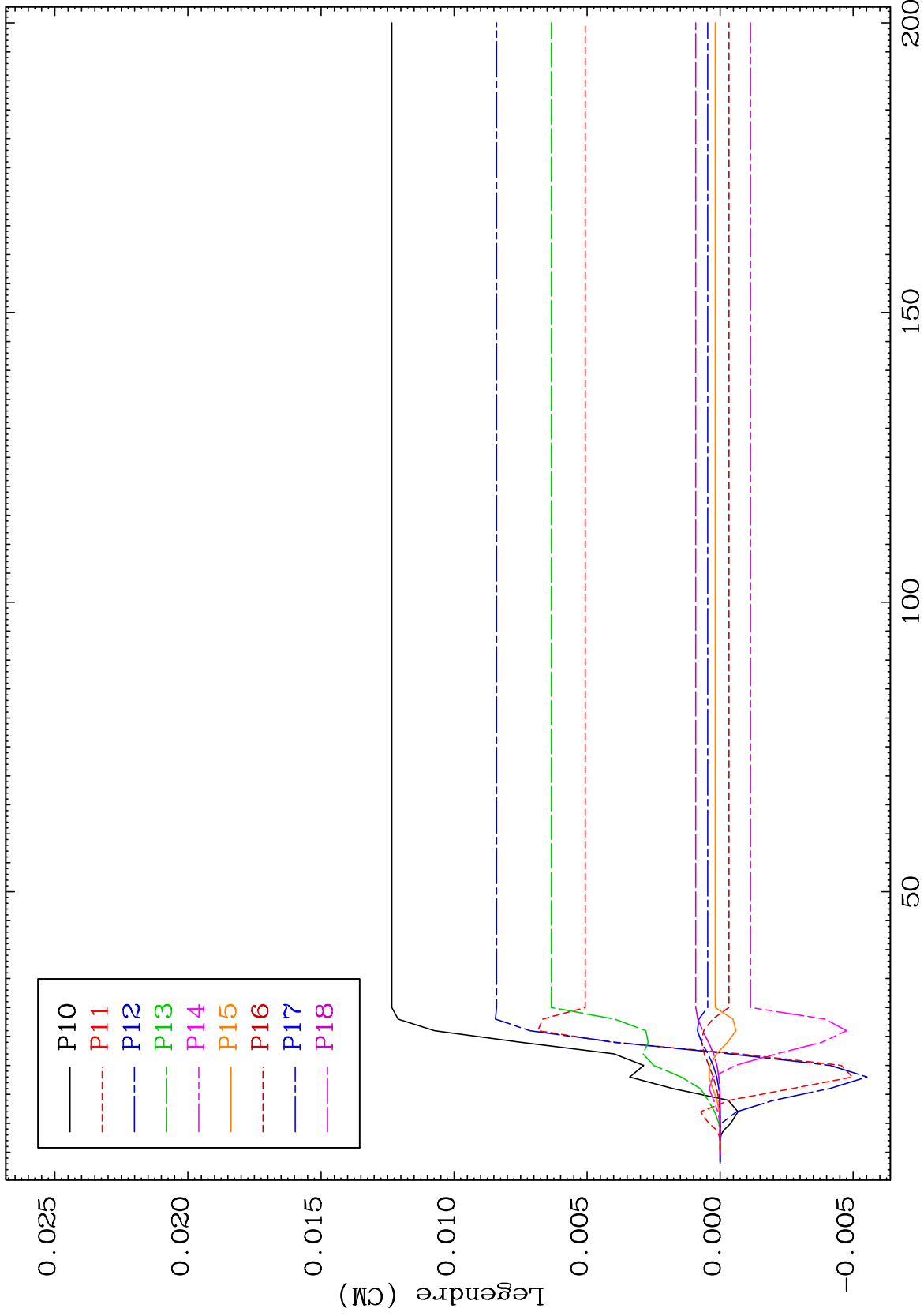
44-Ru-97



44-Ru-97

Incident Energy (MeV)

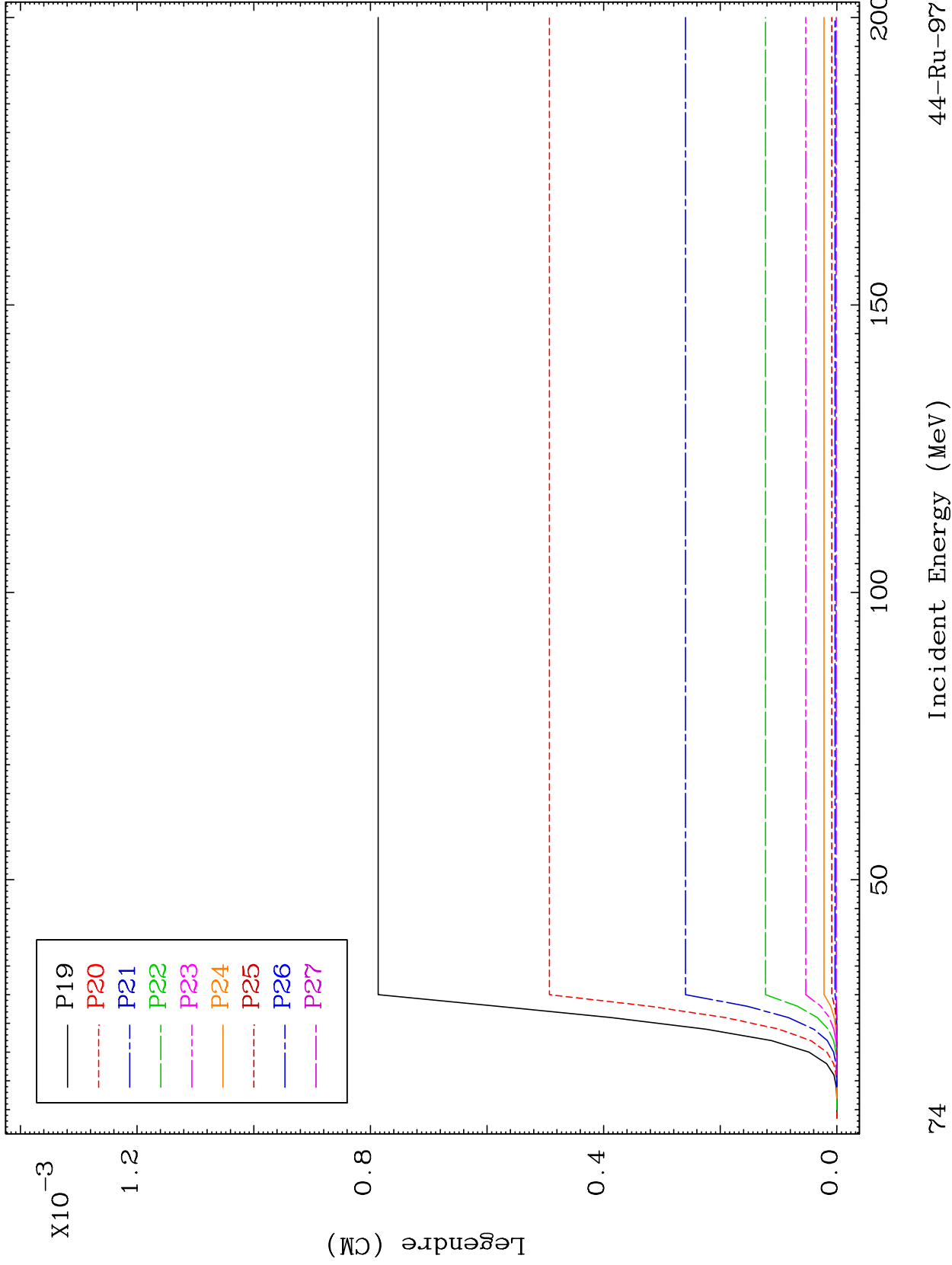
72



MAT 4428

1.596 MeV (n,n') Level
Legendre Coefficients

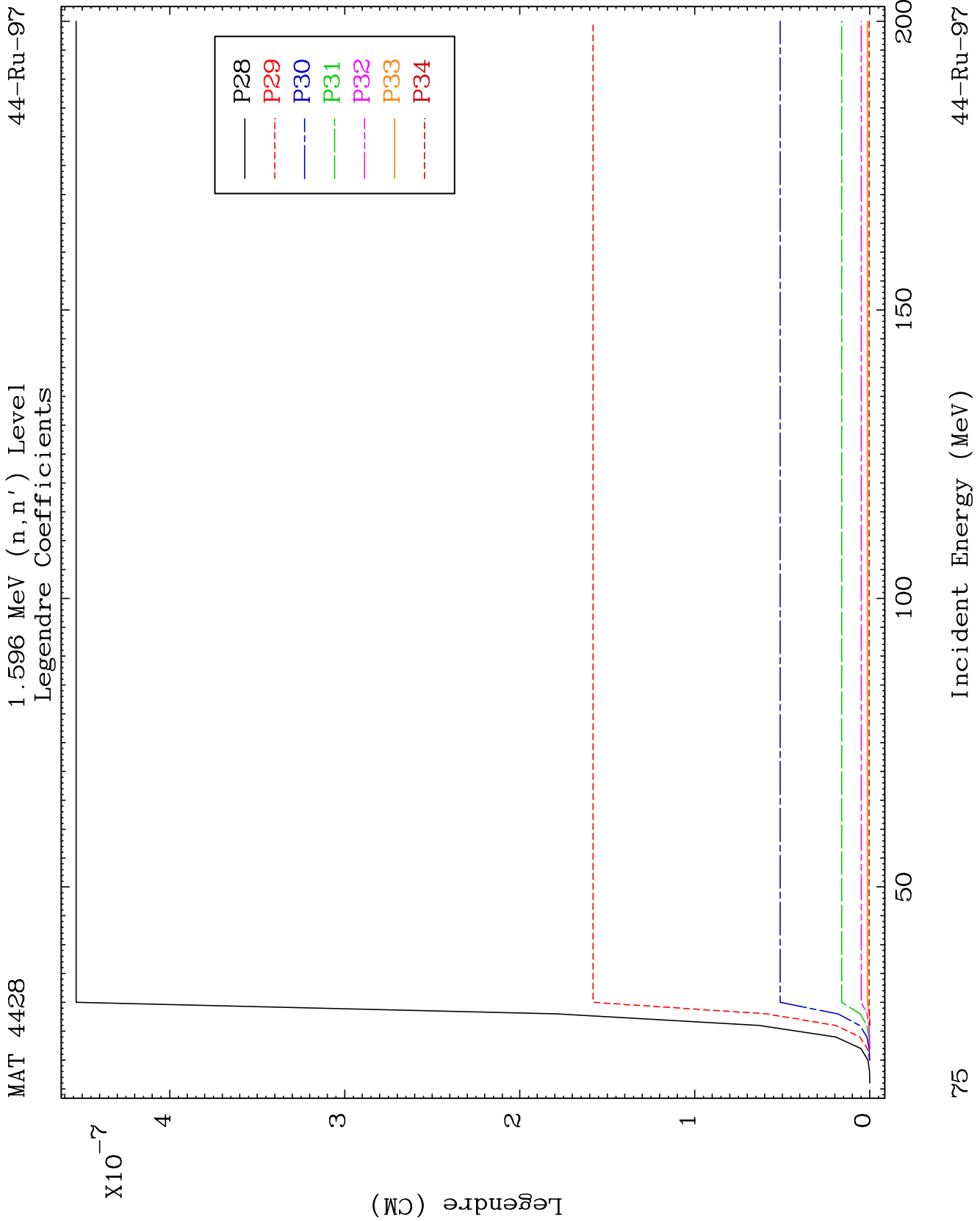
44-Ru-97



74

Incident Energy (MeV)

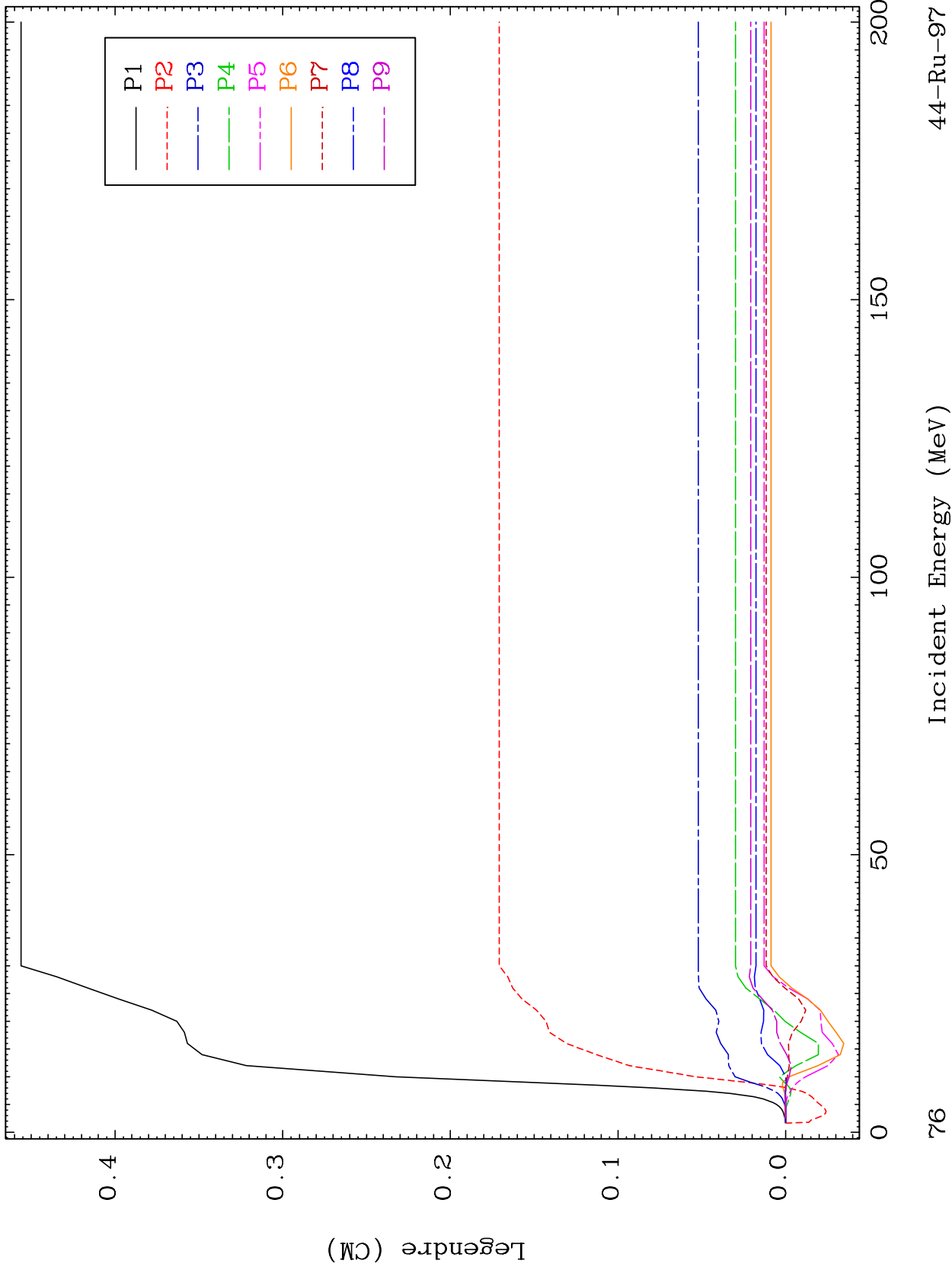
44-Ru-97



MAT 4428

1.620 MeV (n,n') Level
Legendre Coefficients

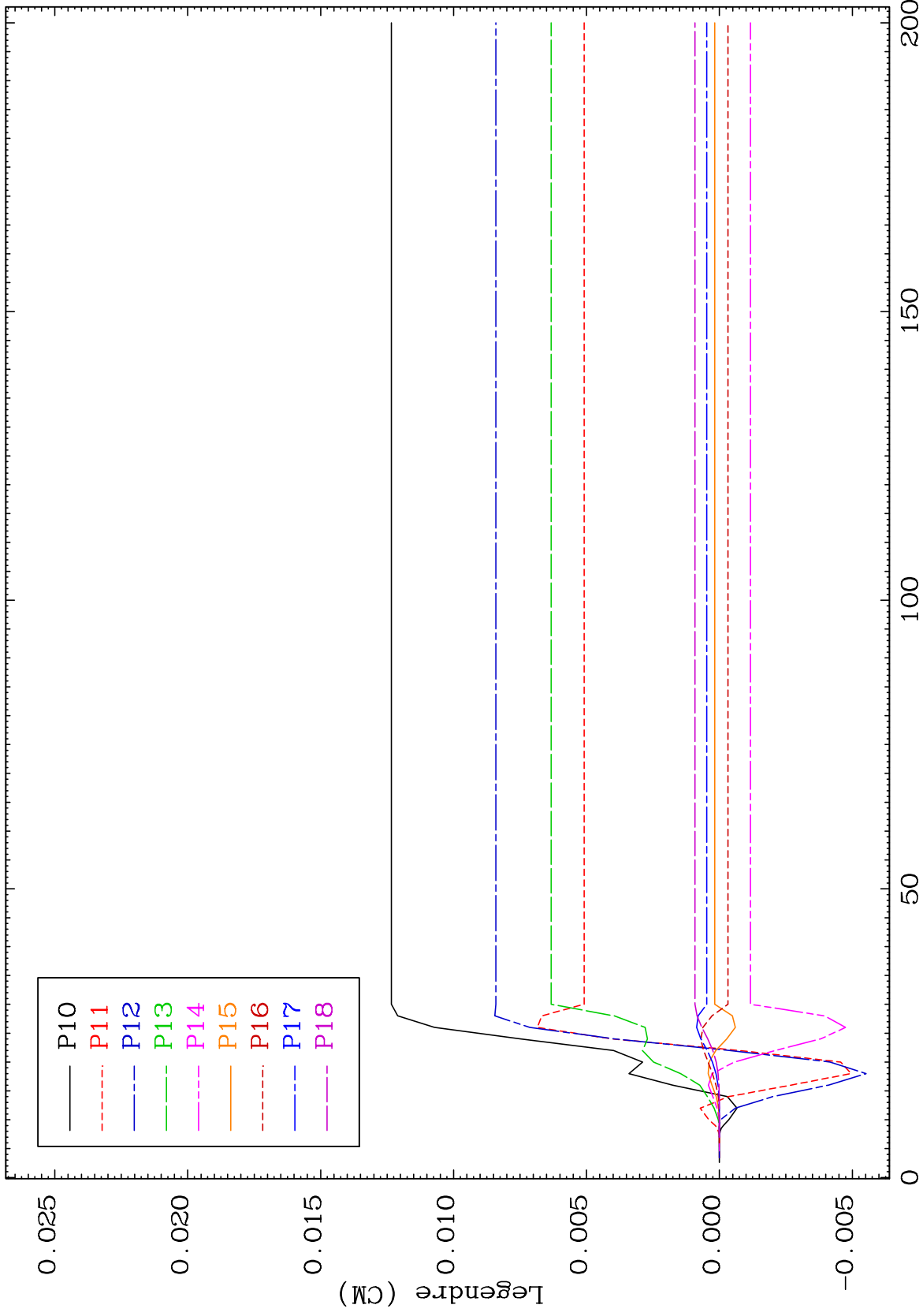
44-Ru-97

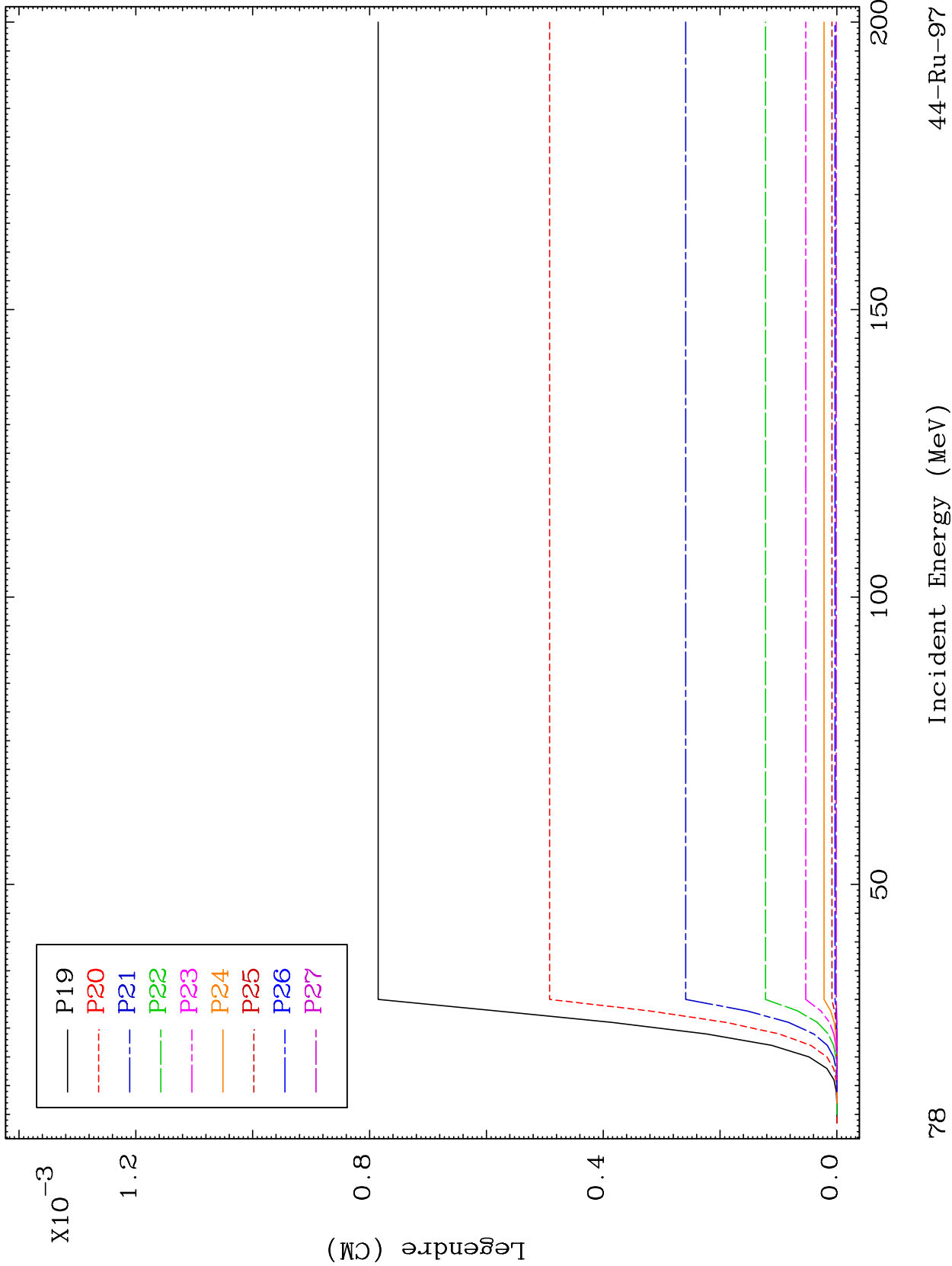


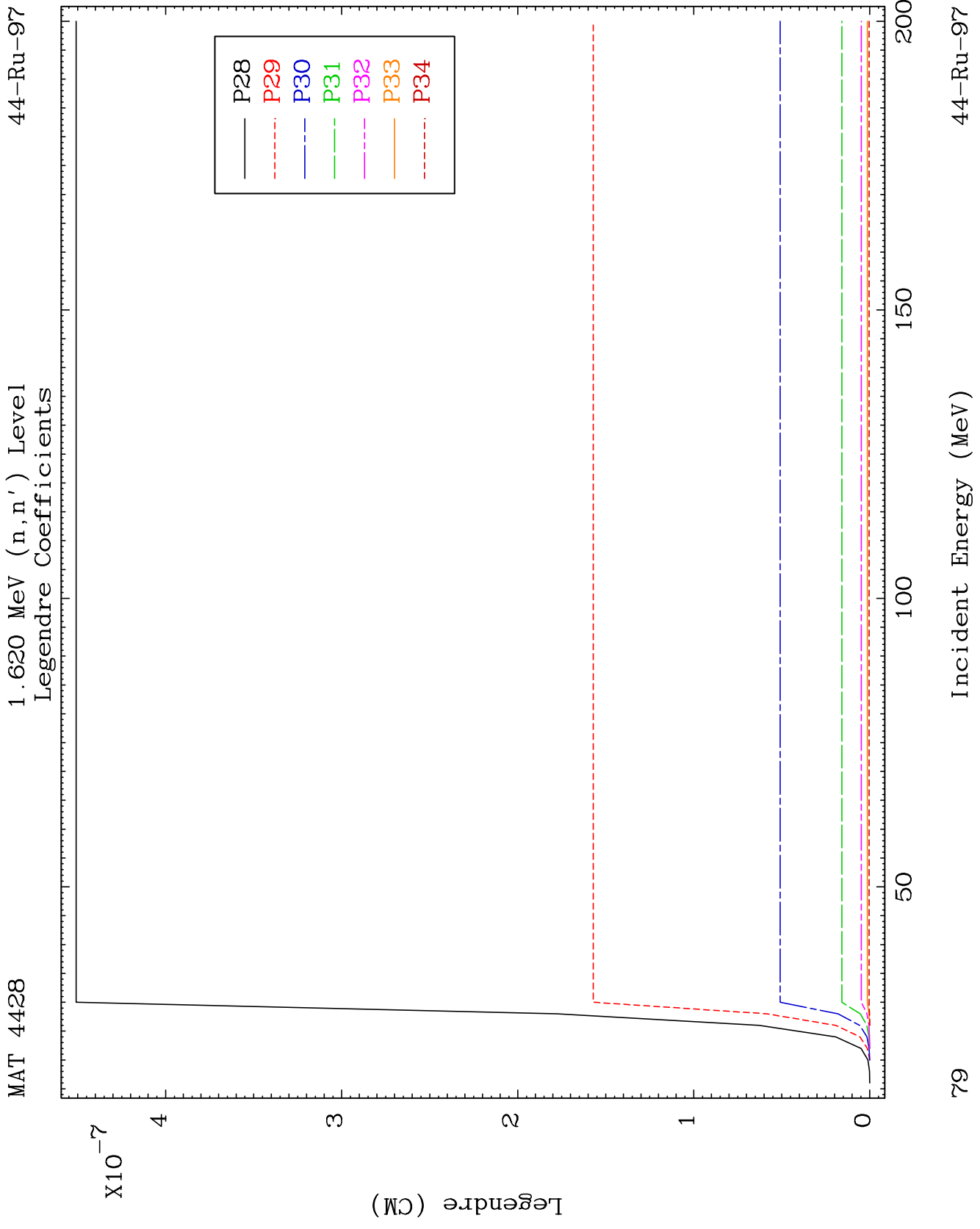
44-Ru-97

Incident Energy (MeV)

76



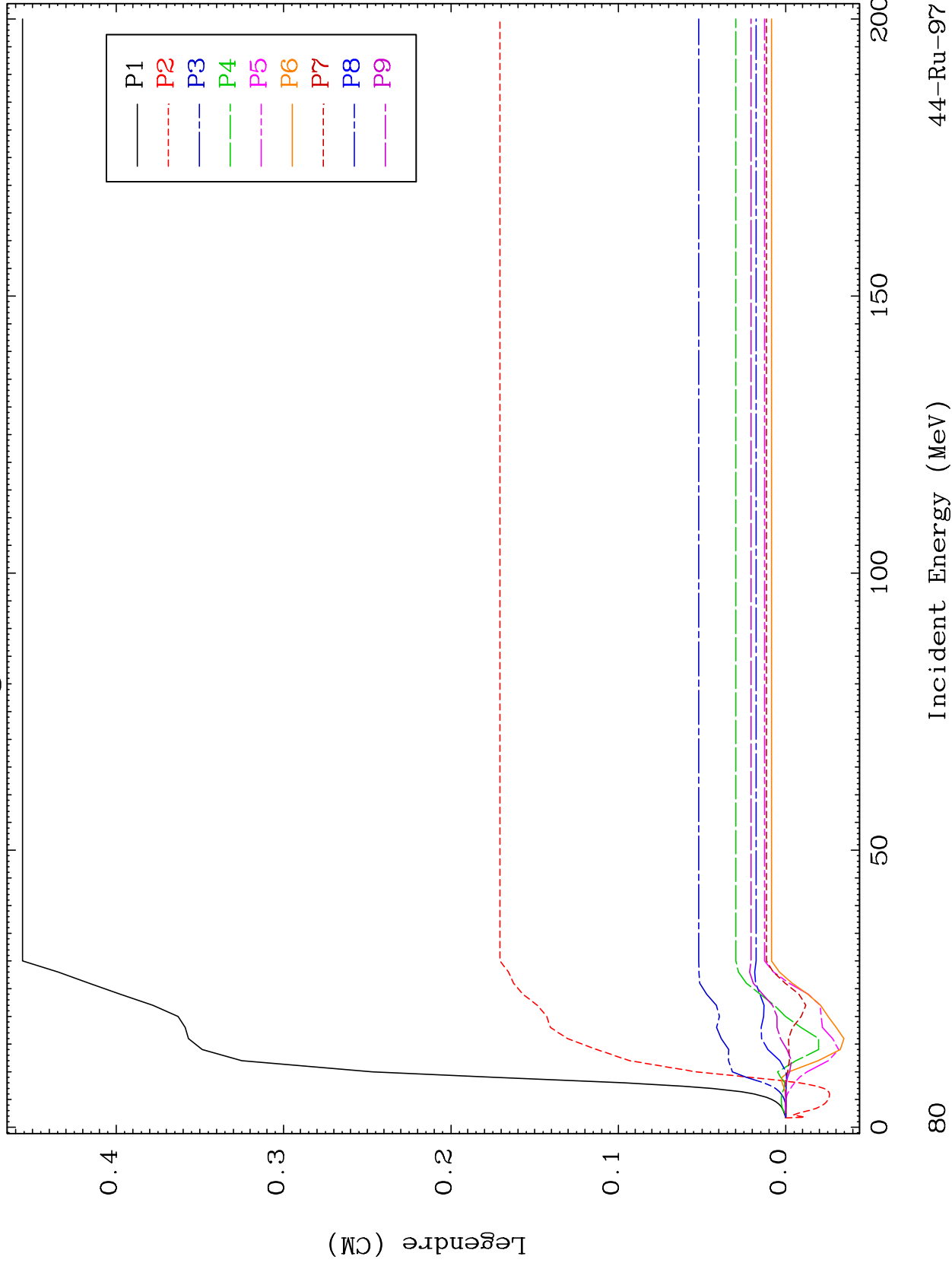




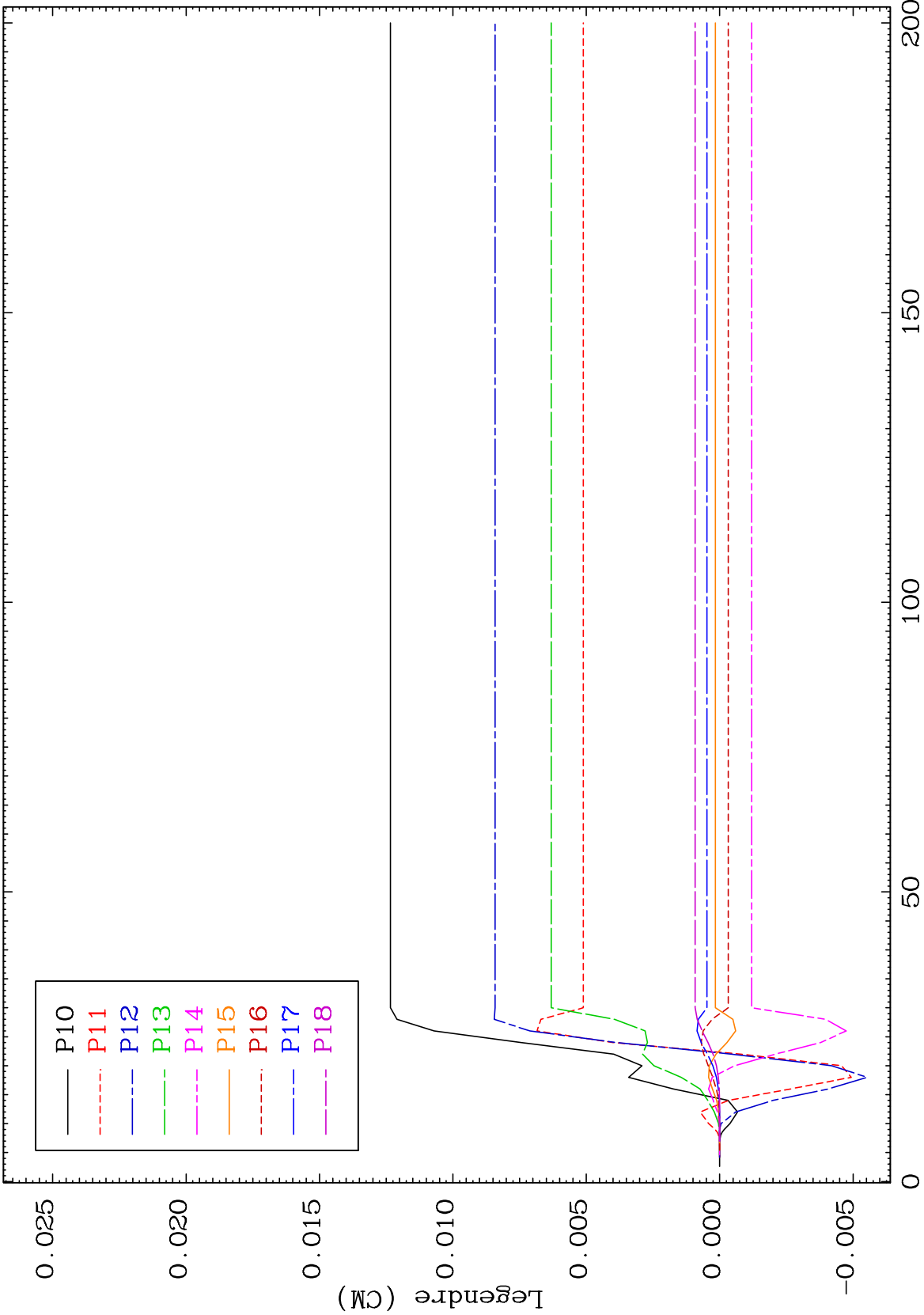
MAT 4428

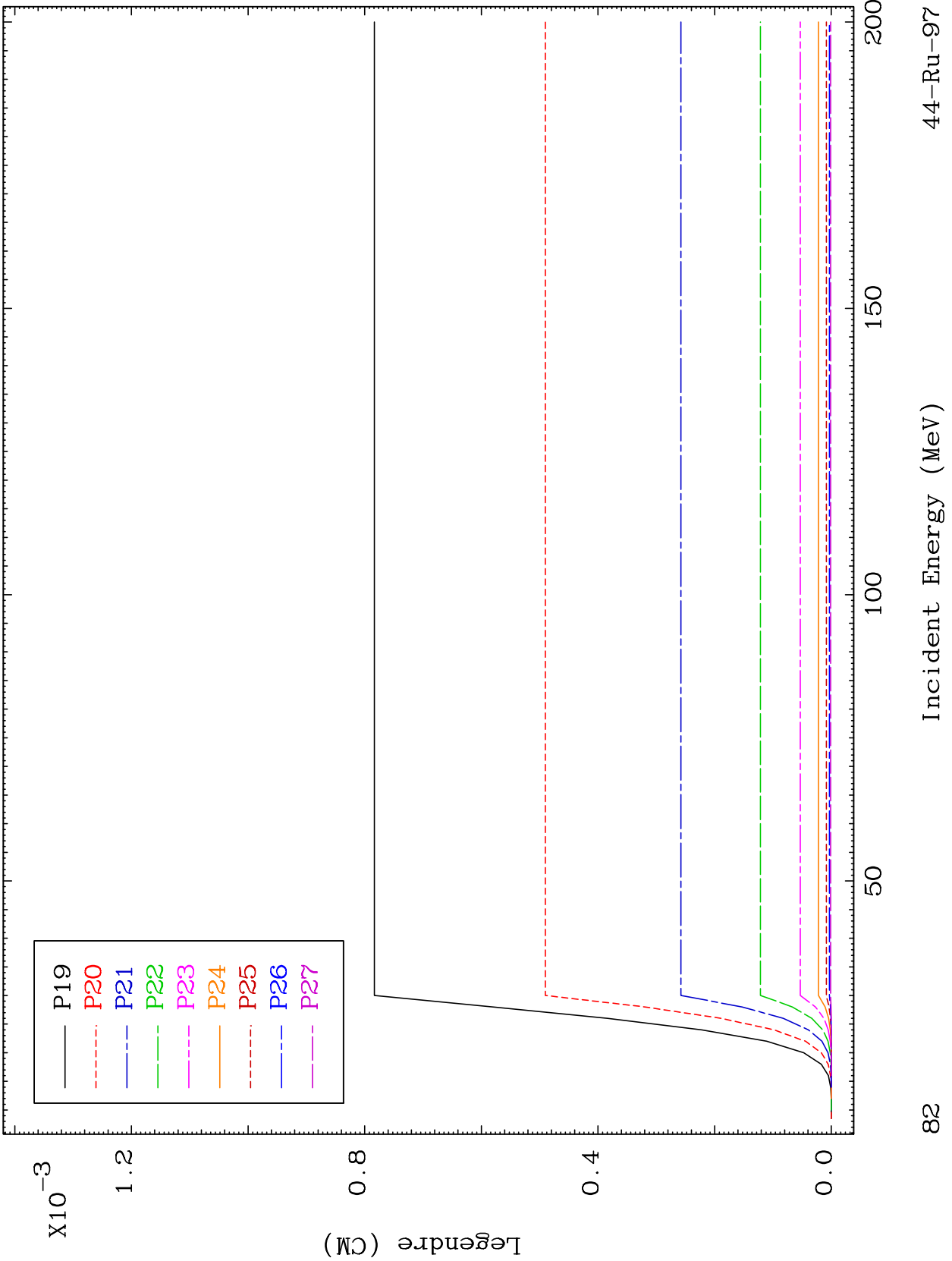
1.651 MeV (n,n') Level
Legendre Coefficients

44-Ru-97



44-Ru-97

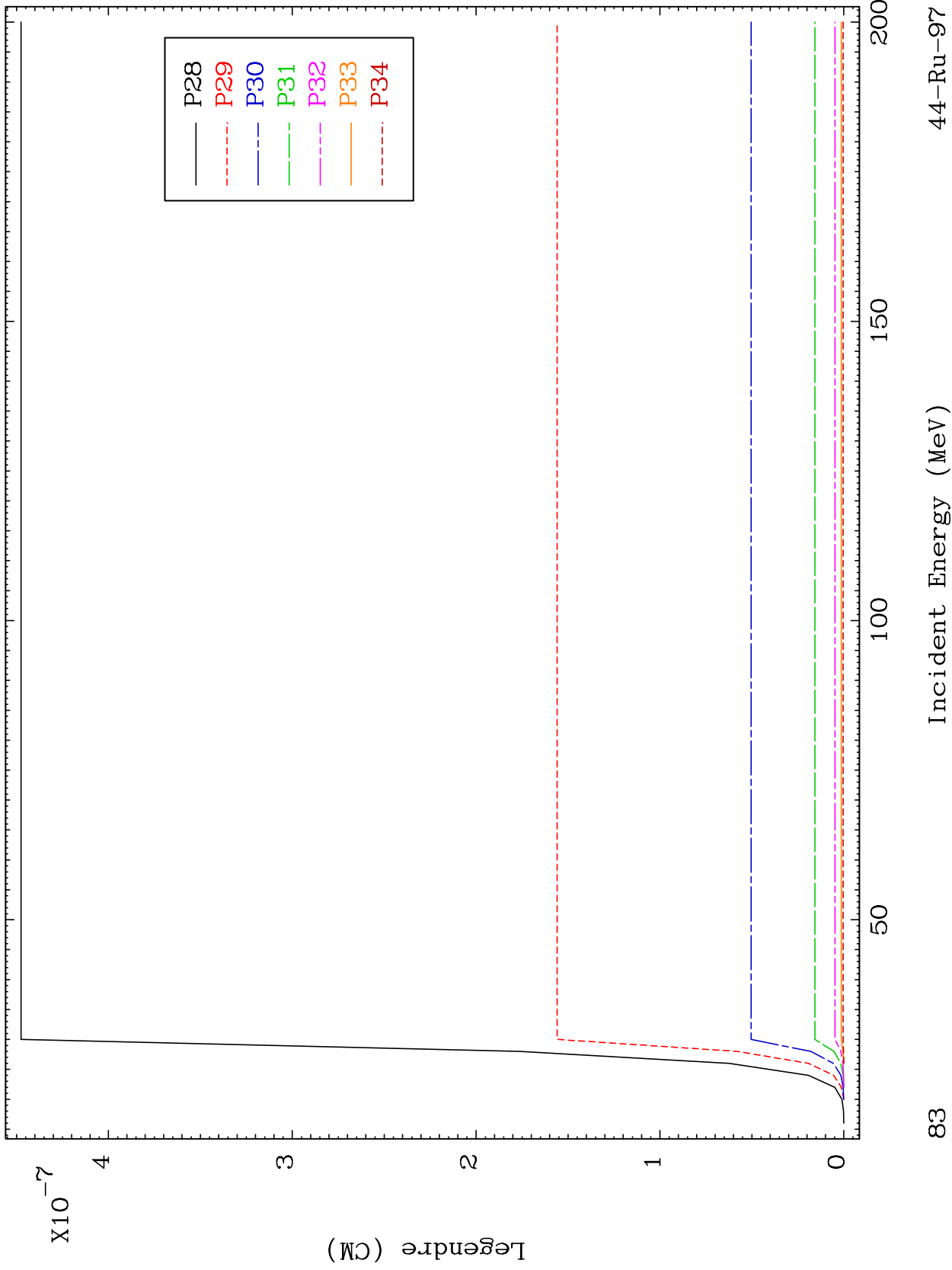


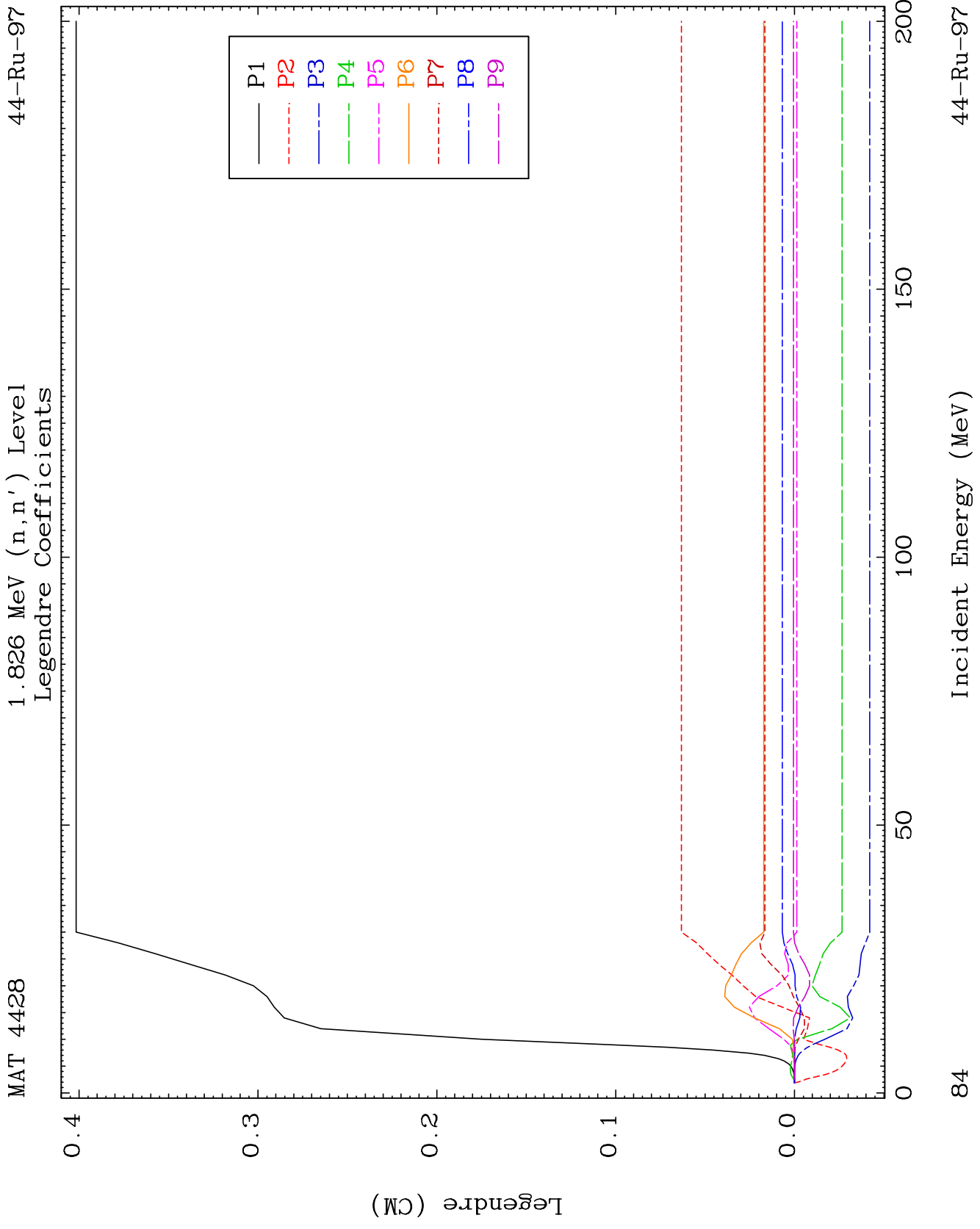


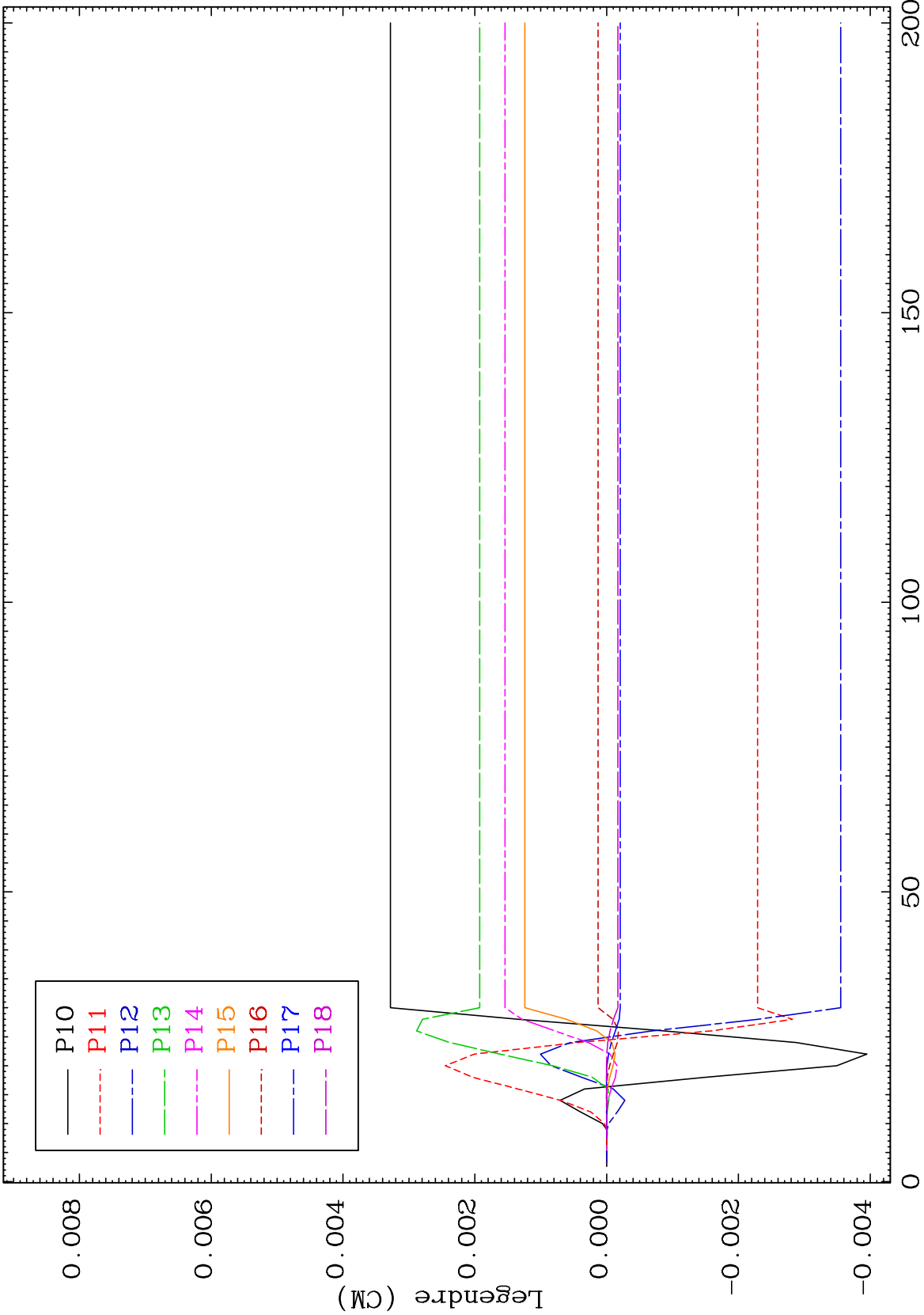
MAT 4428

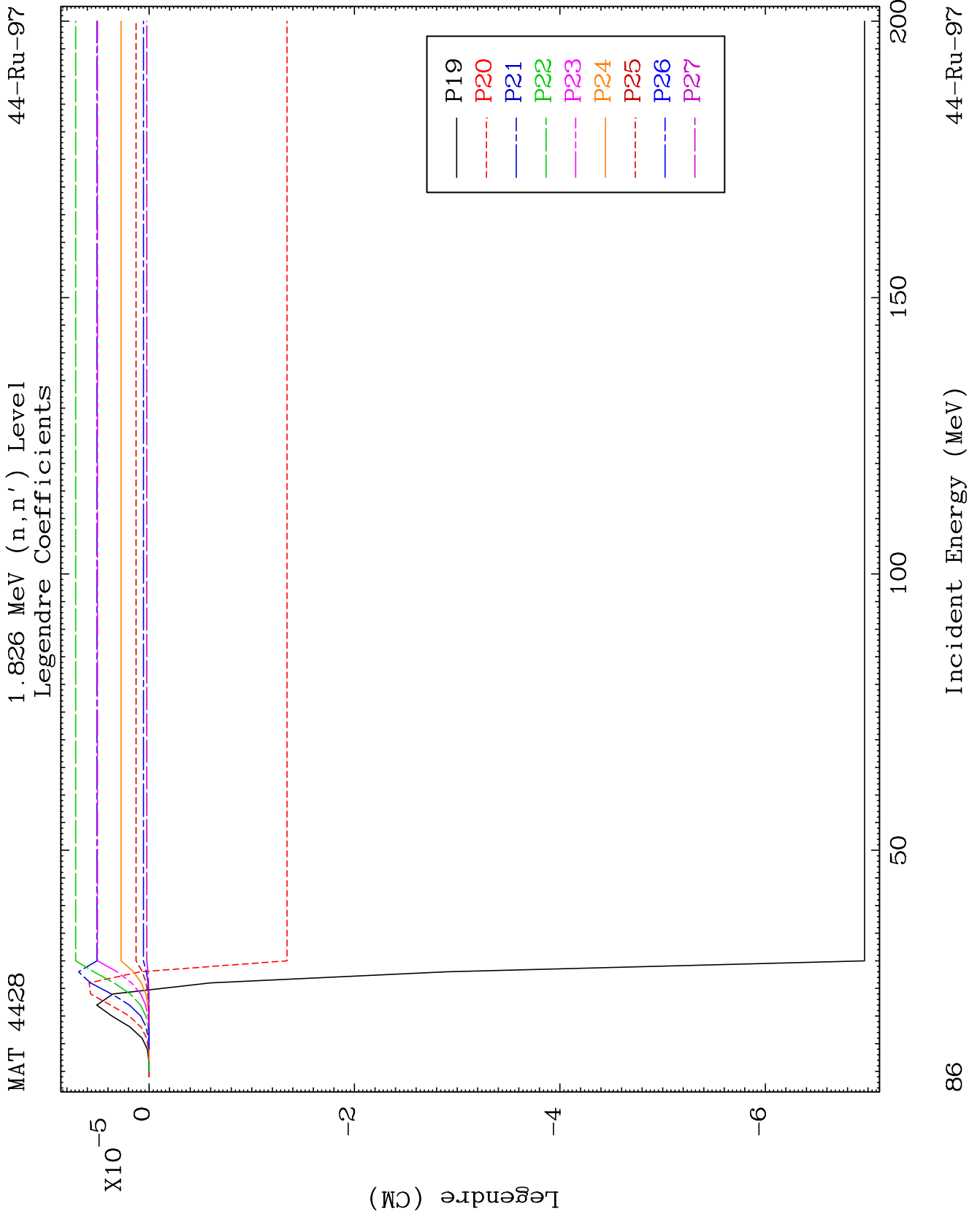
1.651 MeV (n,n') Level
Legendre Coefficients

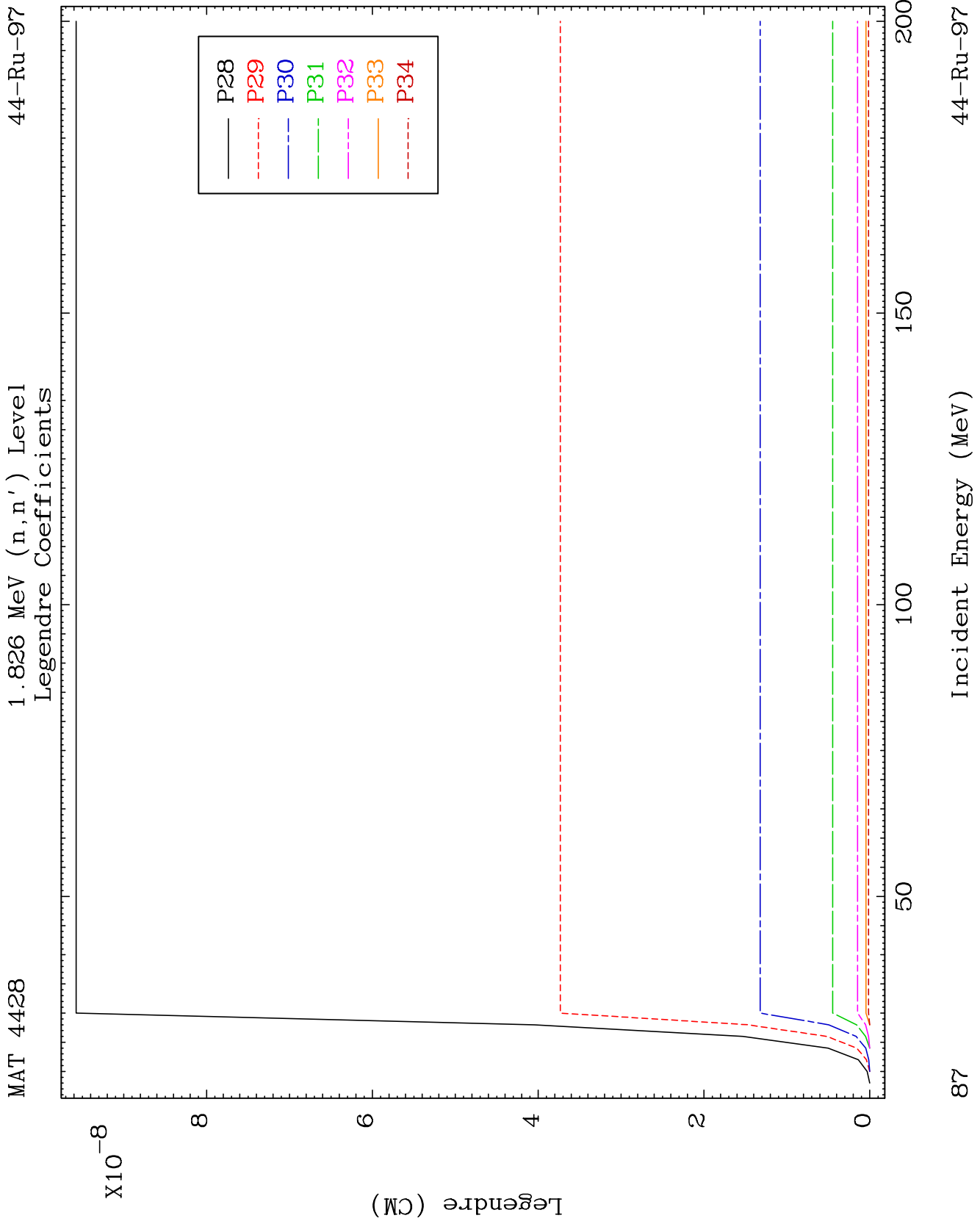
44-Ru-97

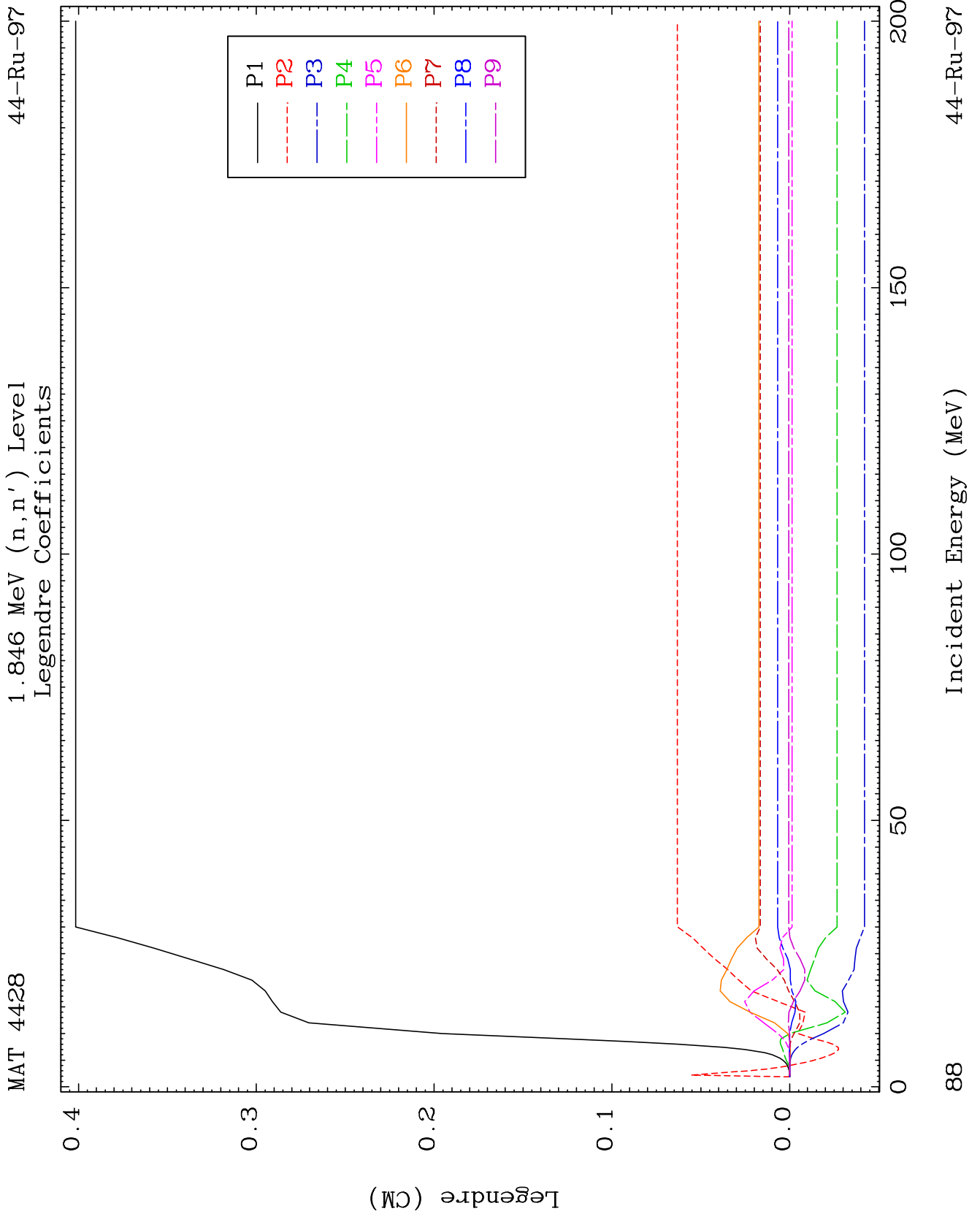


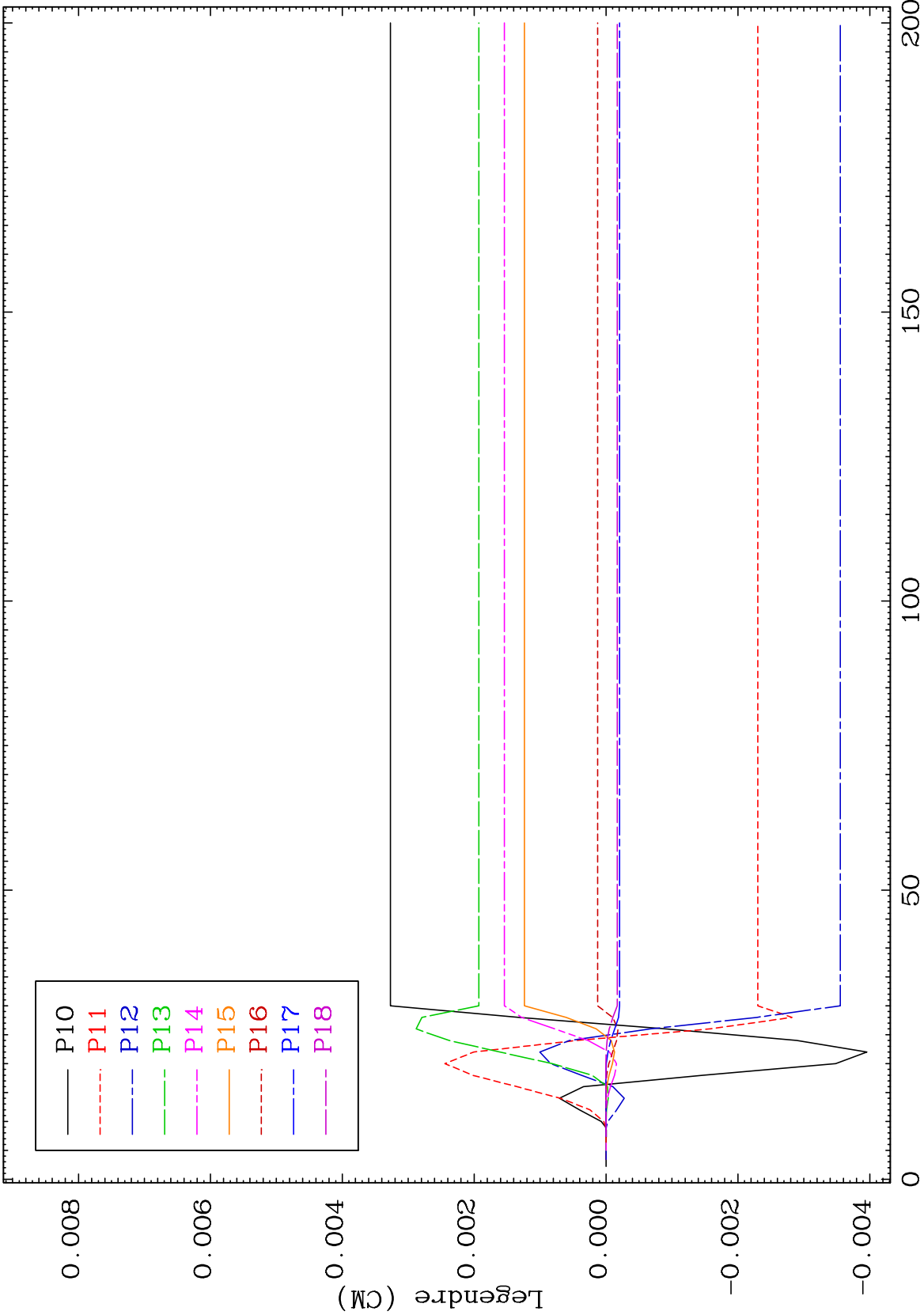


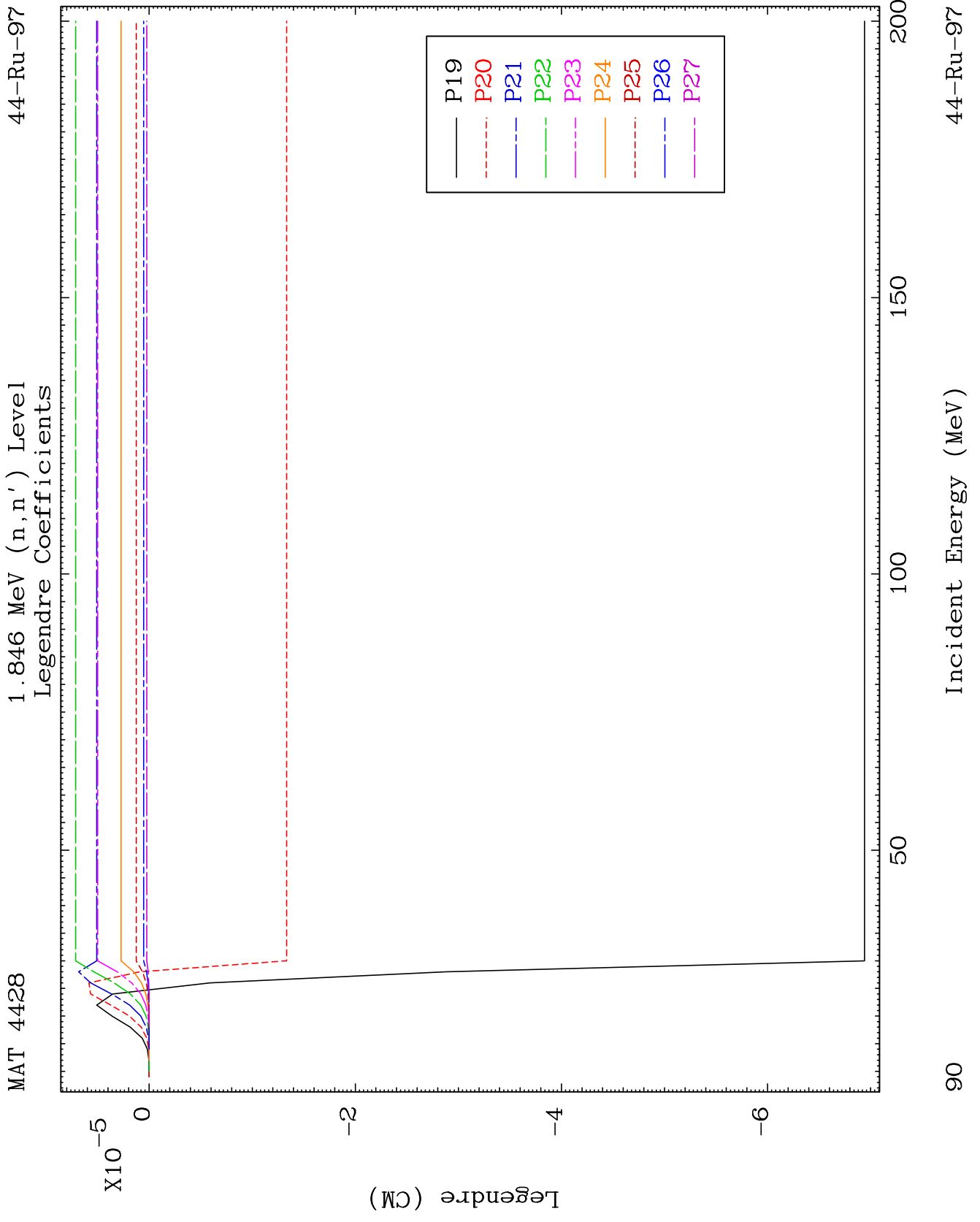


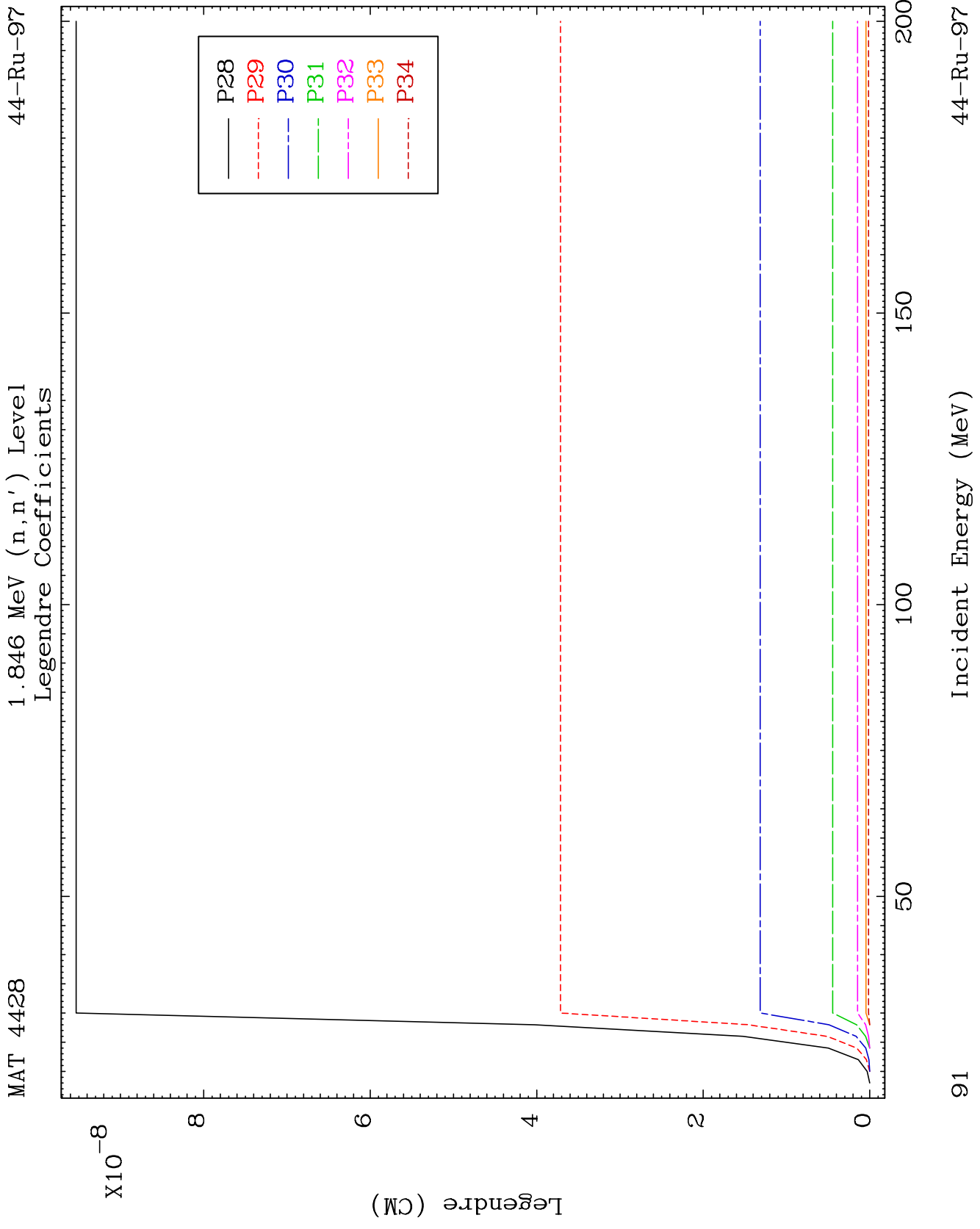








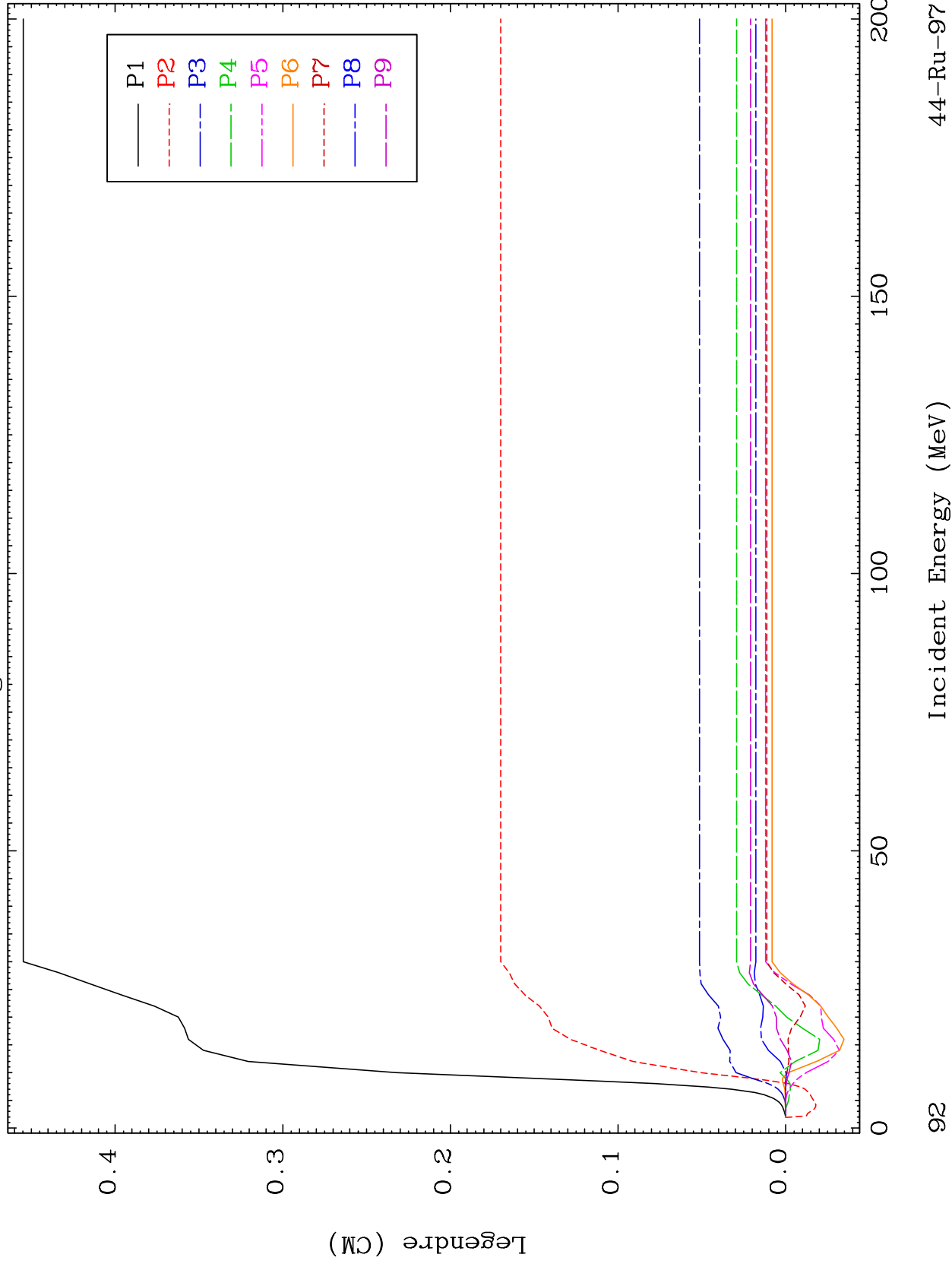




MAT 4428

1.879 MeV (n,n') Level
Legendre Coefficients

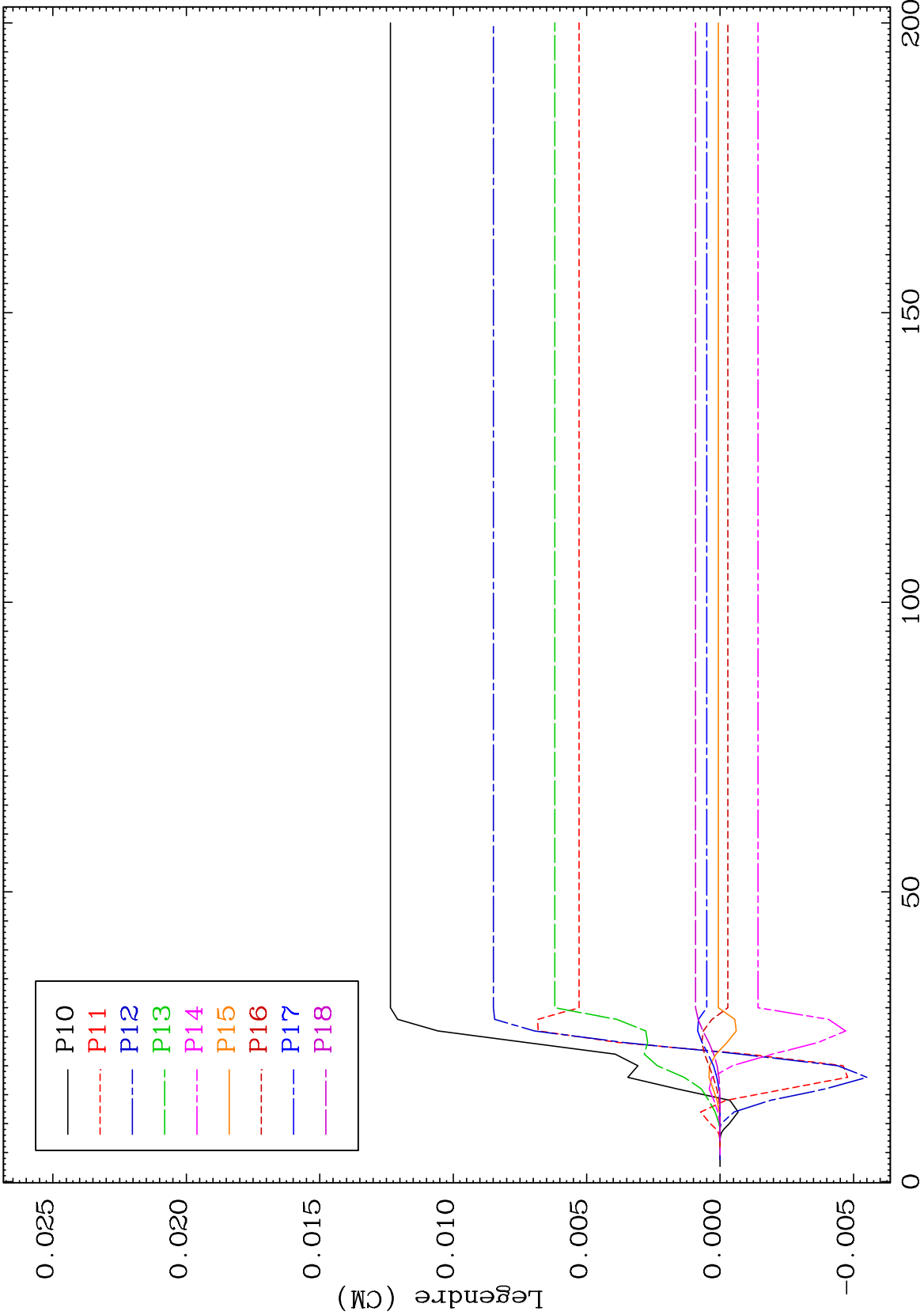
44-Ru-97

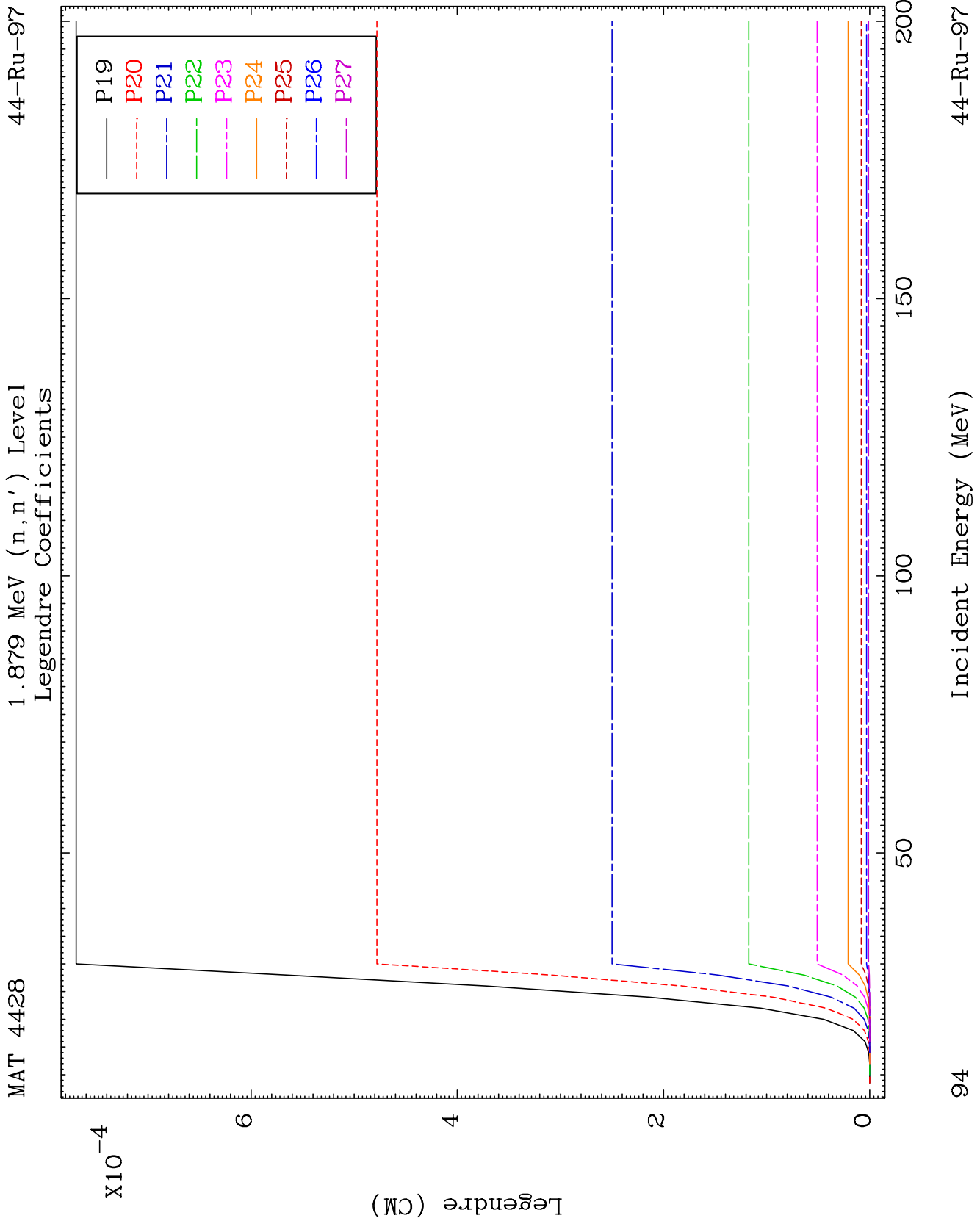


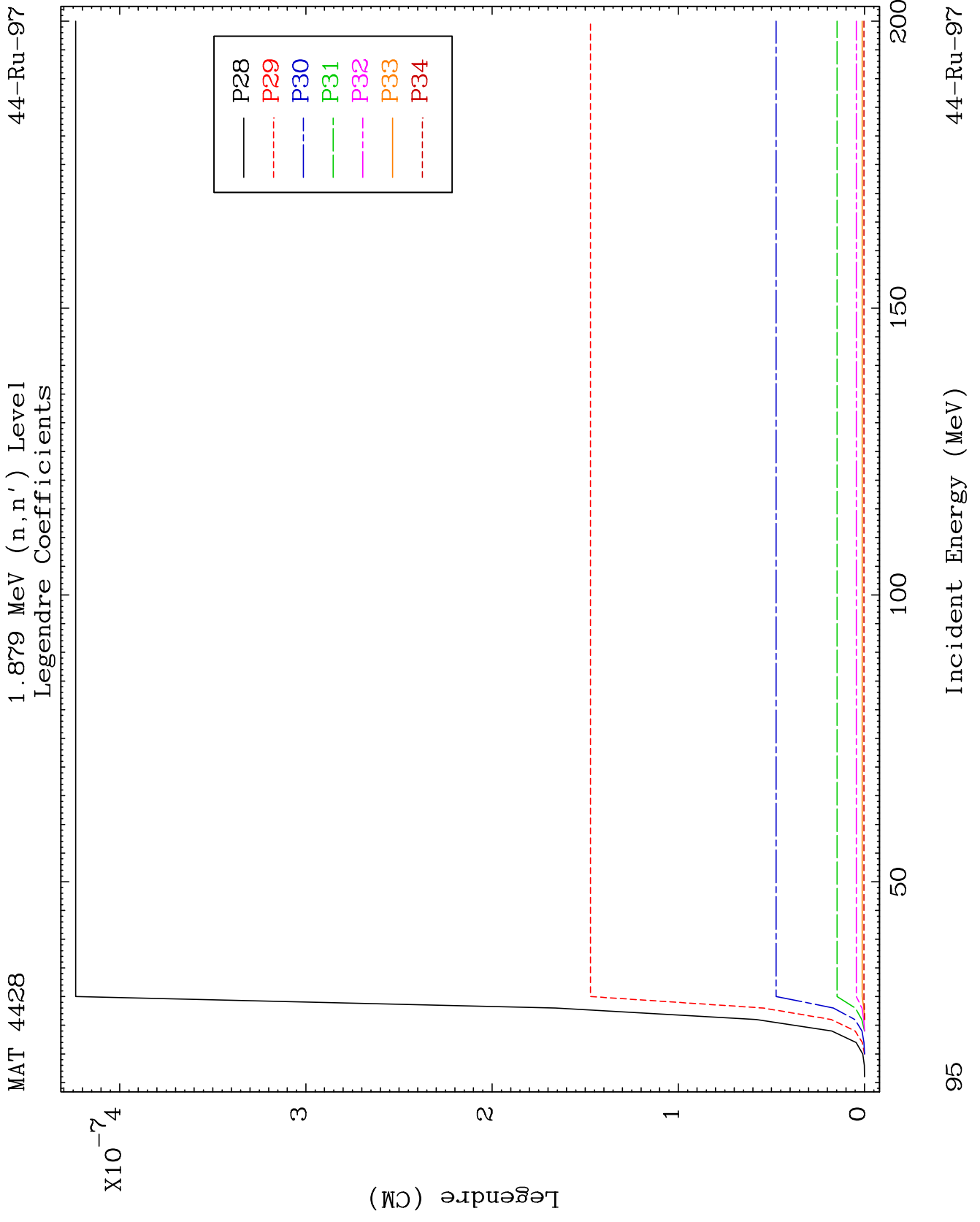
44-Ru-97

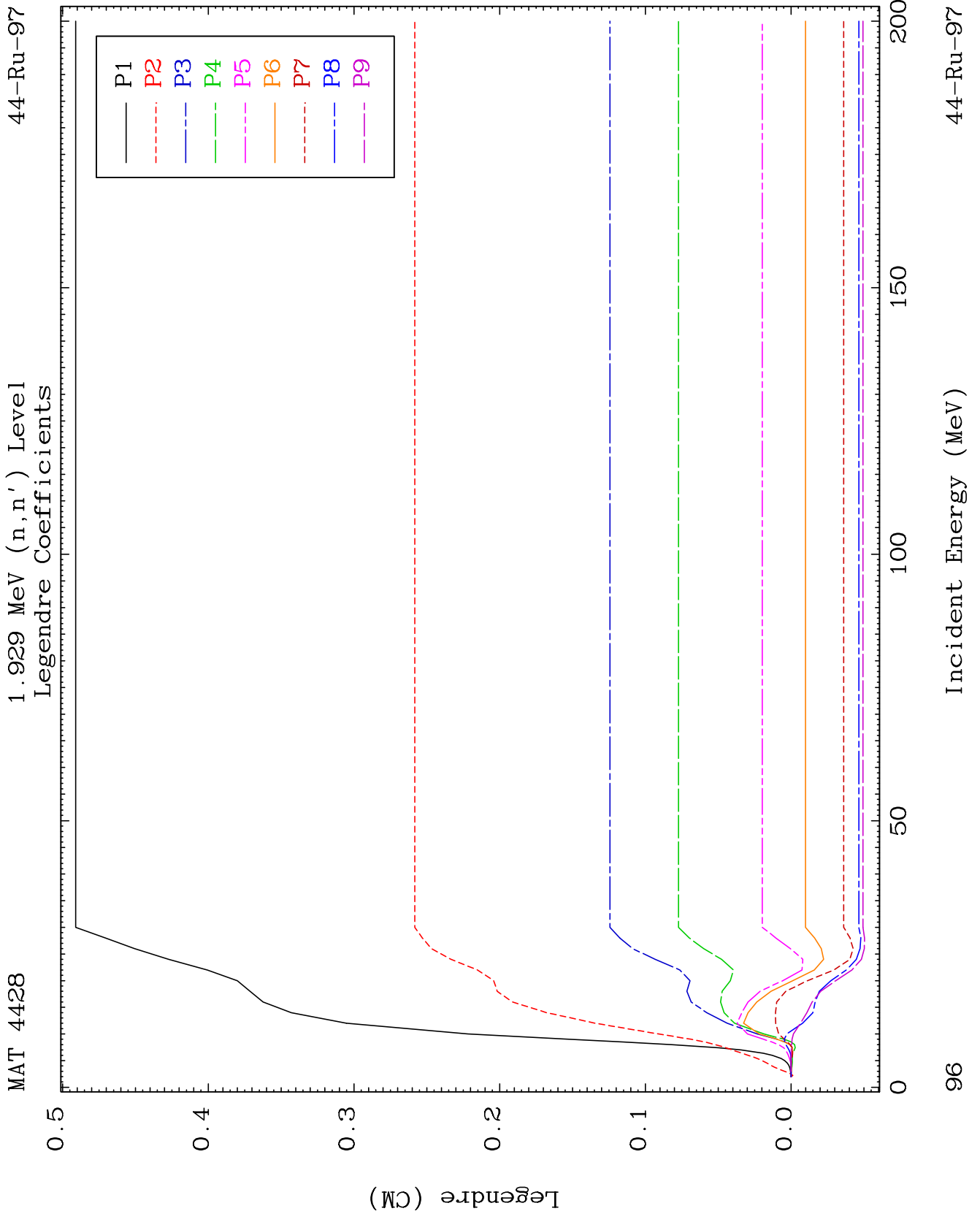
Incident Energy (MeV)

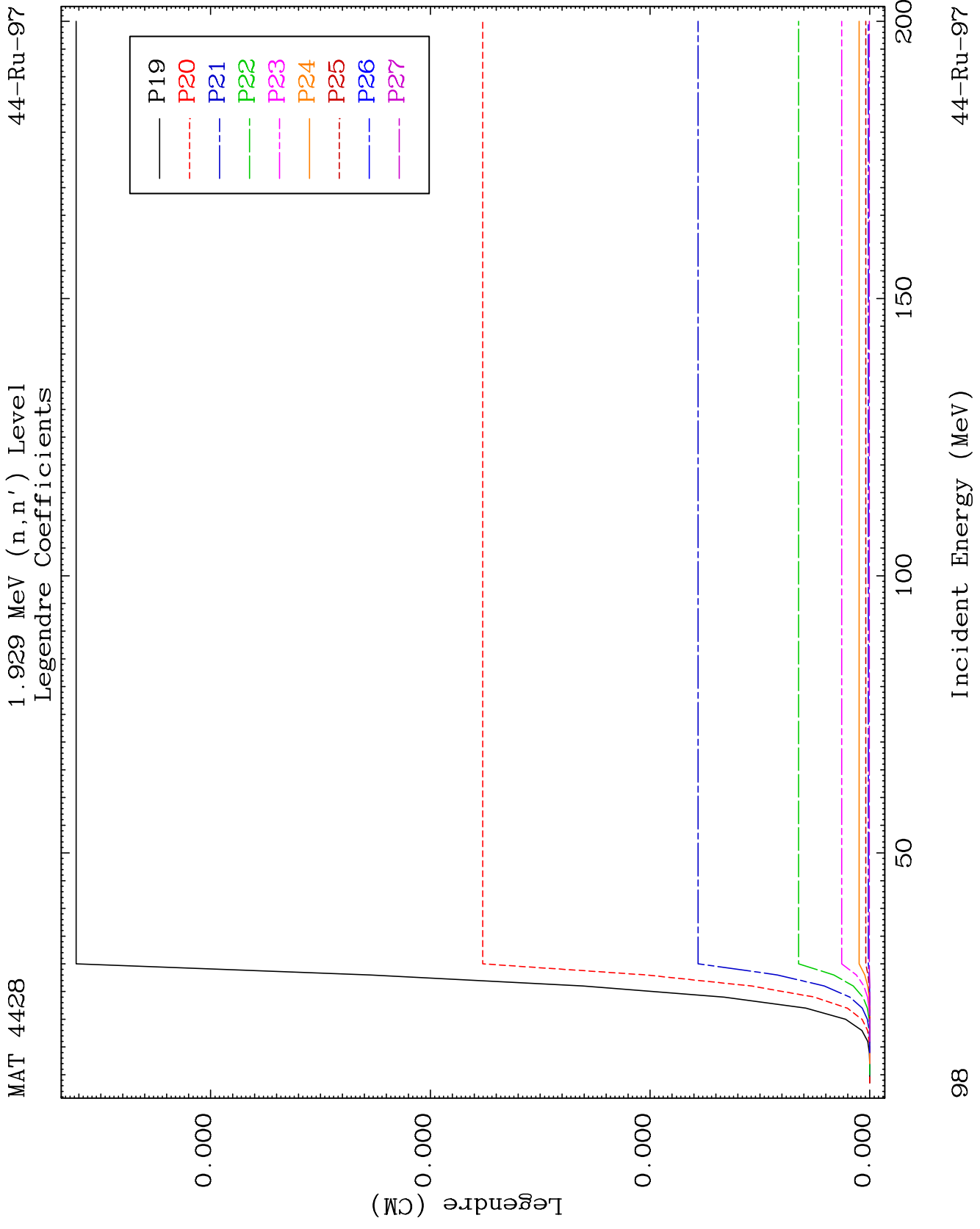
92

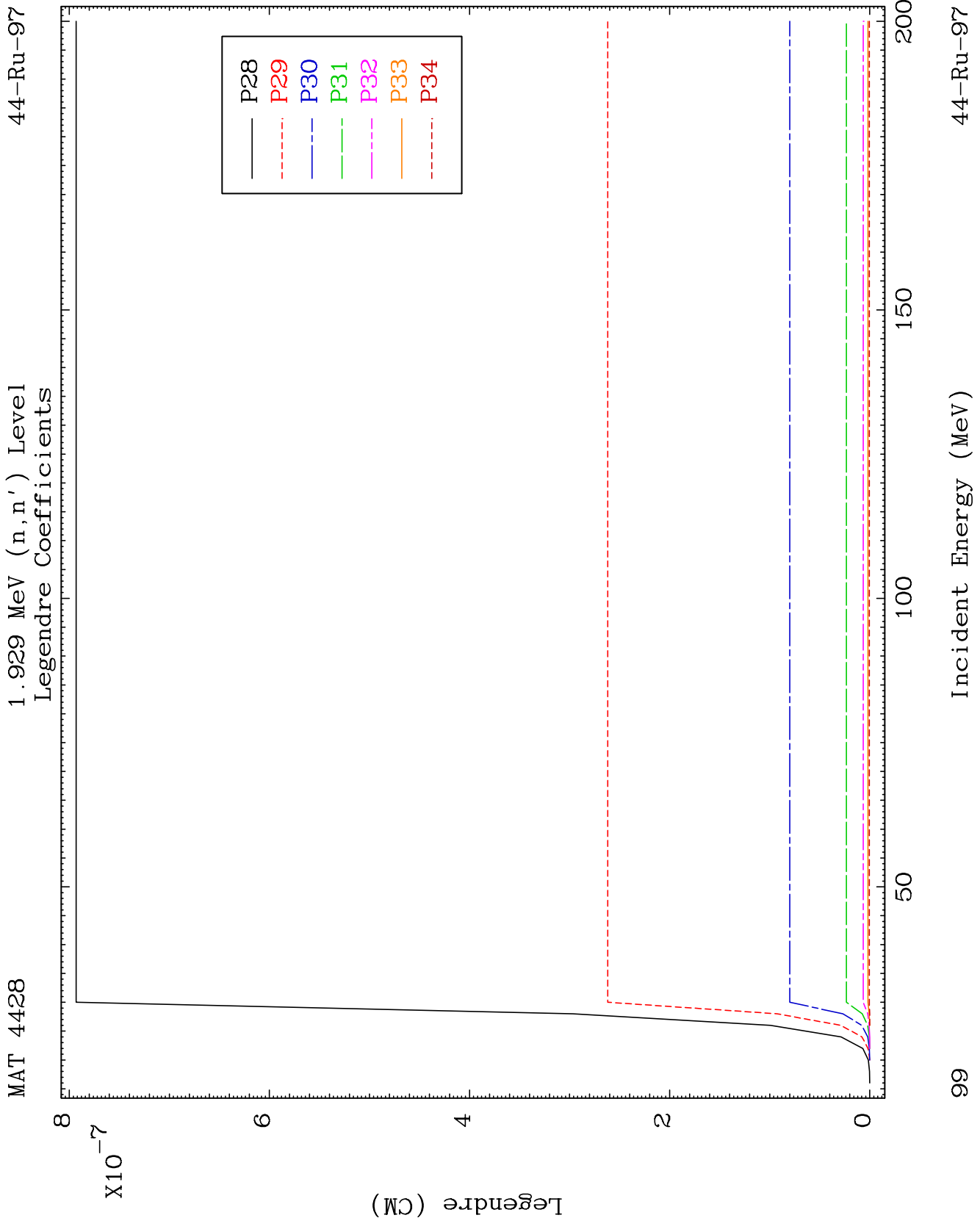




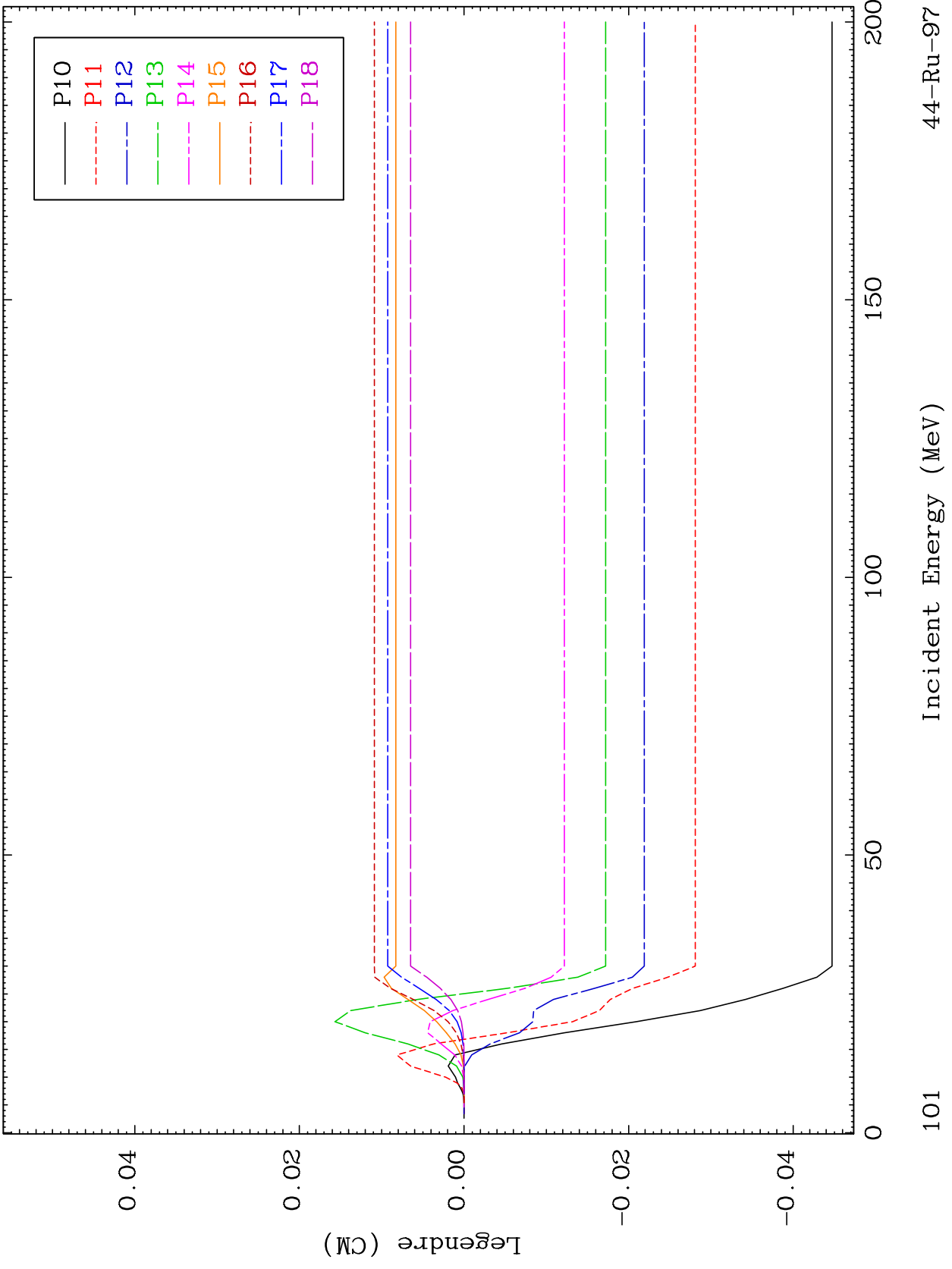








MAT 4428 1.932 MeV (n,n') Level Legendre Coefficients 44-Ru-97

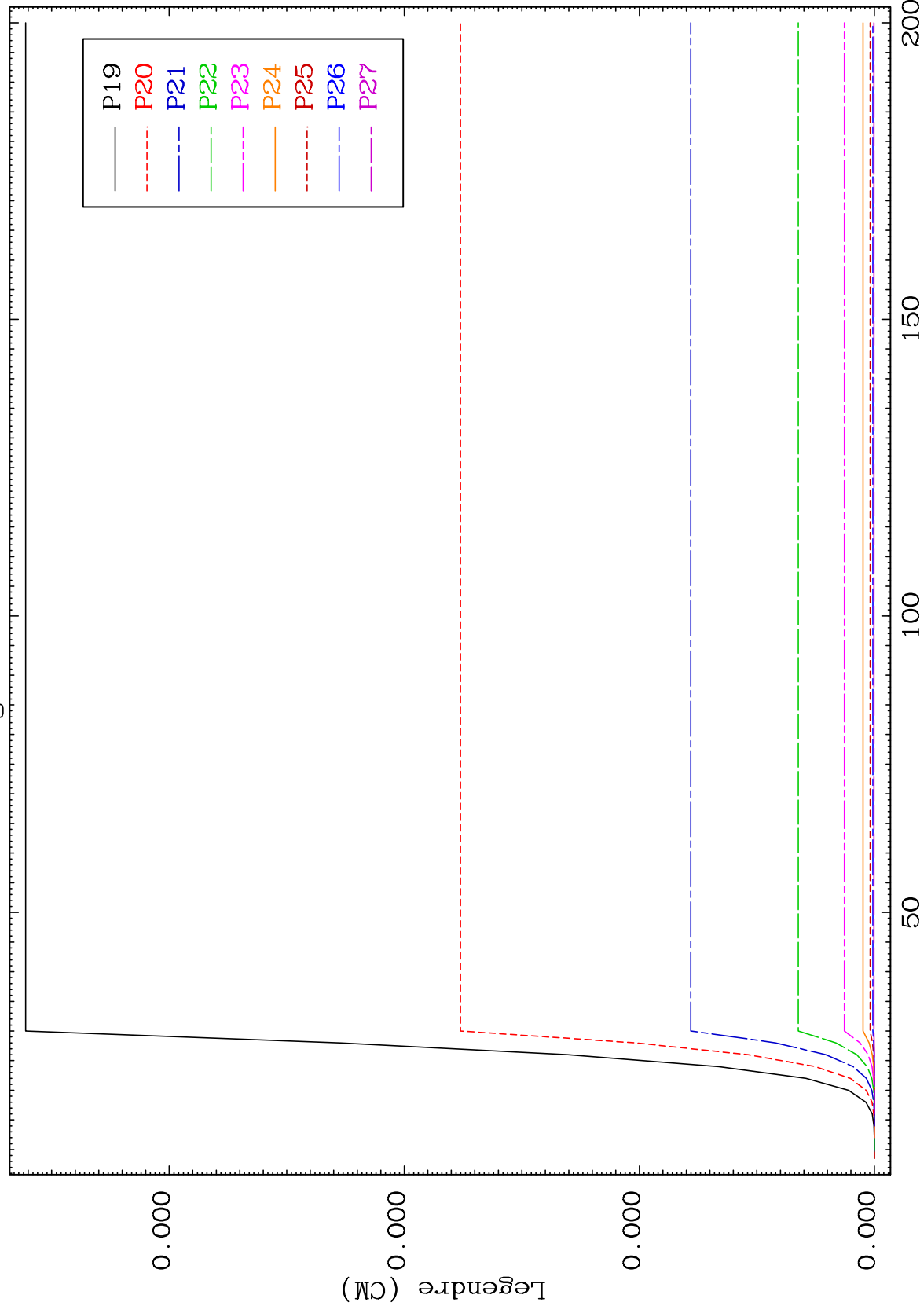


44-Ru-97 101

MAT 4428

1.932 MeV (n,n') Level
Legendre Coefficients

44-Ru-97



102

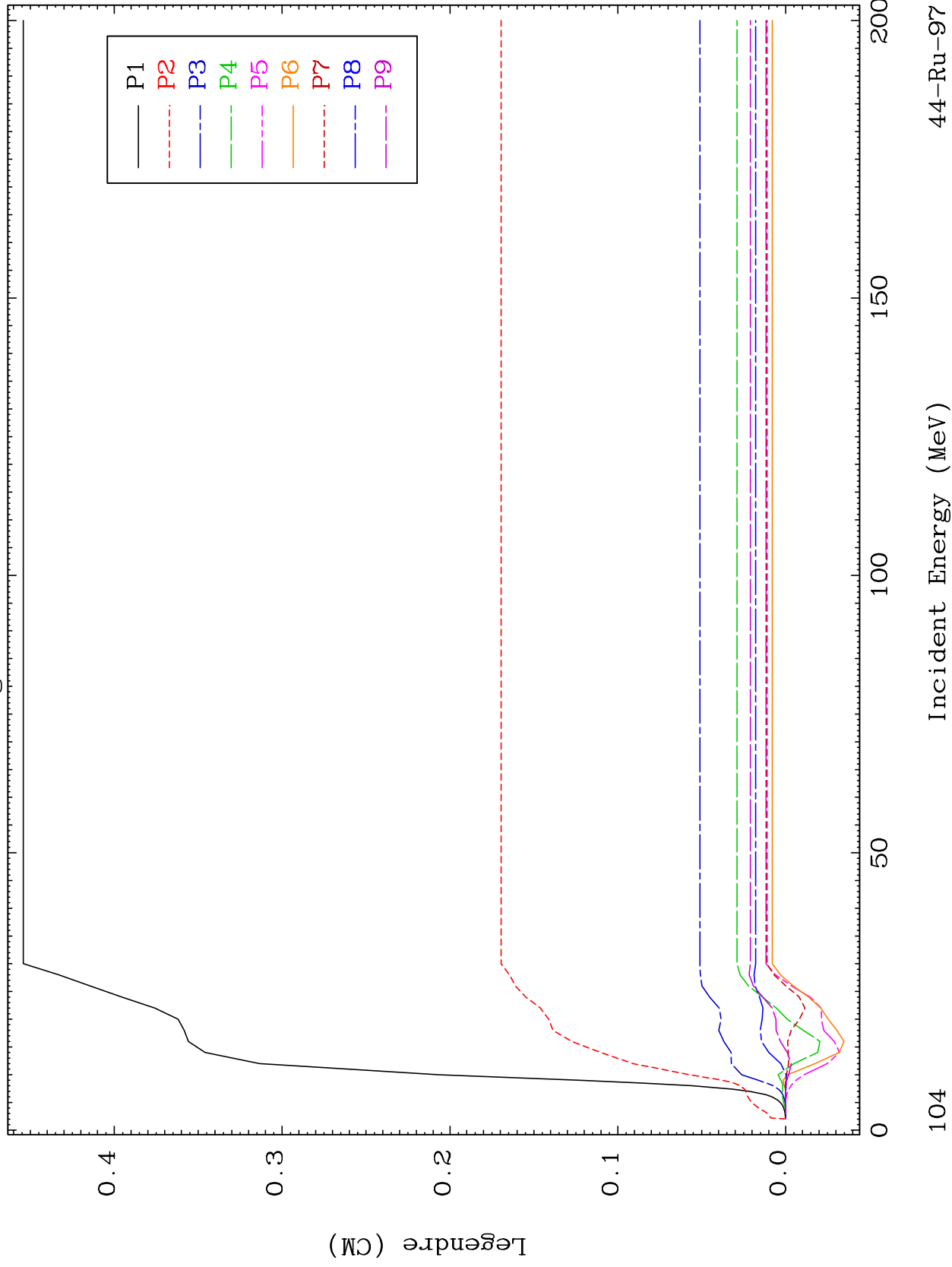
Incident Energy (MeV)

44-Ru-97

MAT 4428

1.990 MeV (n,n') Level
Legendre Coefficients

44-Ru-97



44-Ru-97

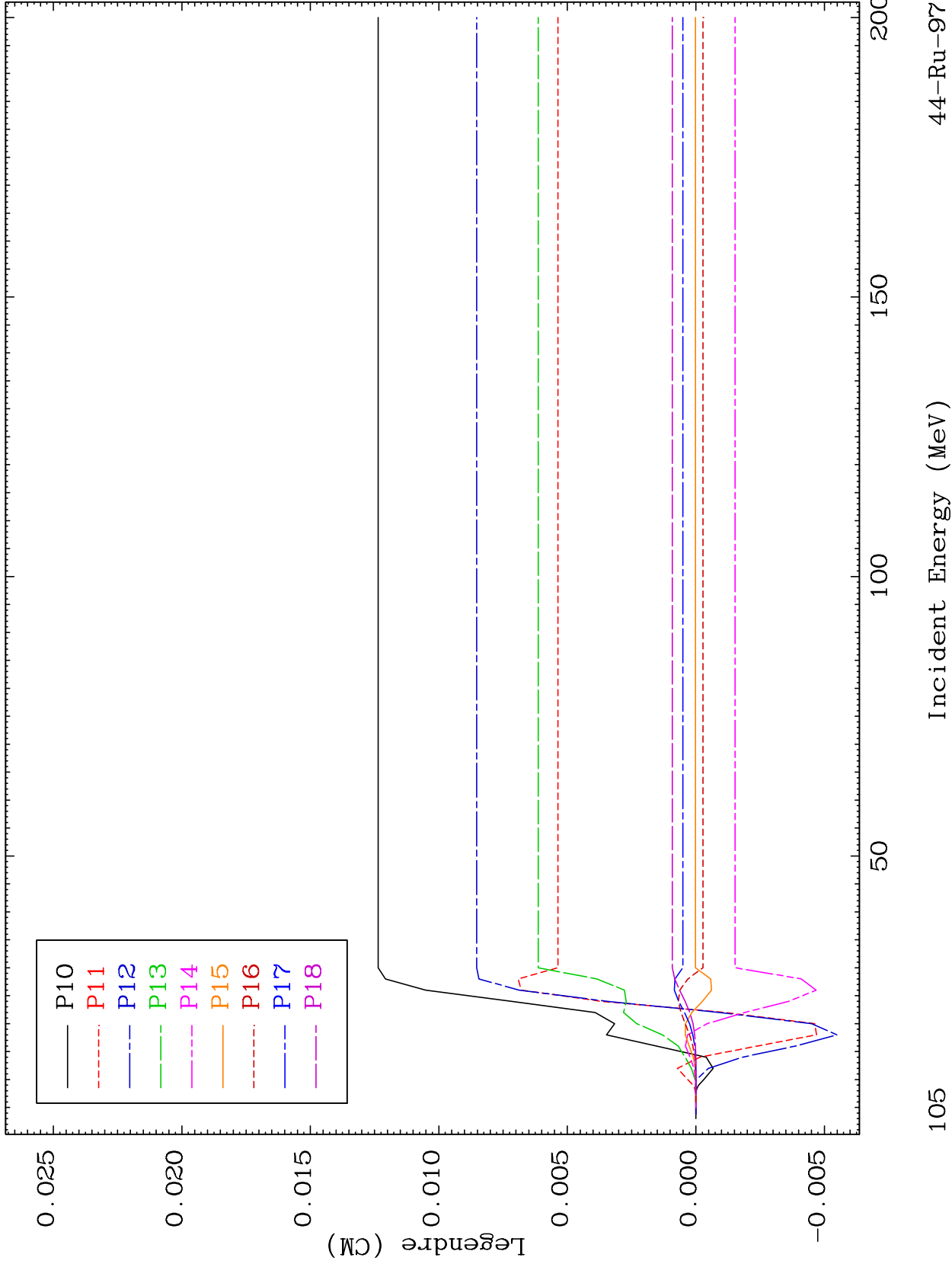
Incident Energy (MeV)

104

MAT 4428

1.990 MeV (n,n') Level
Legendre Coefficients

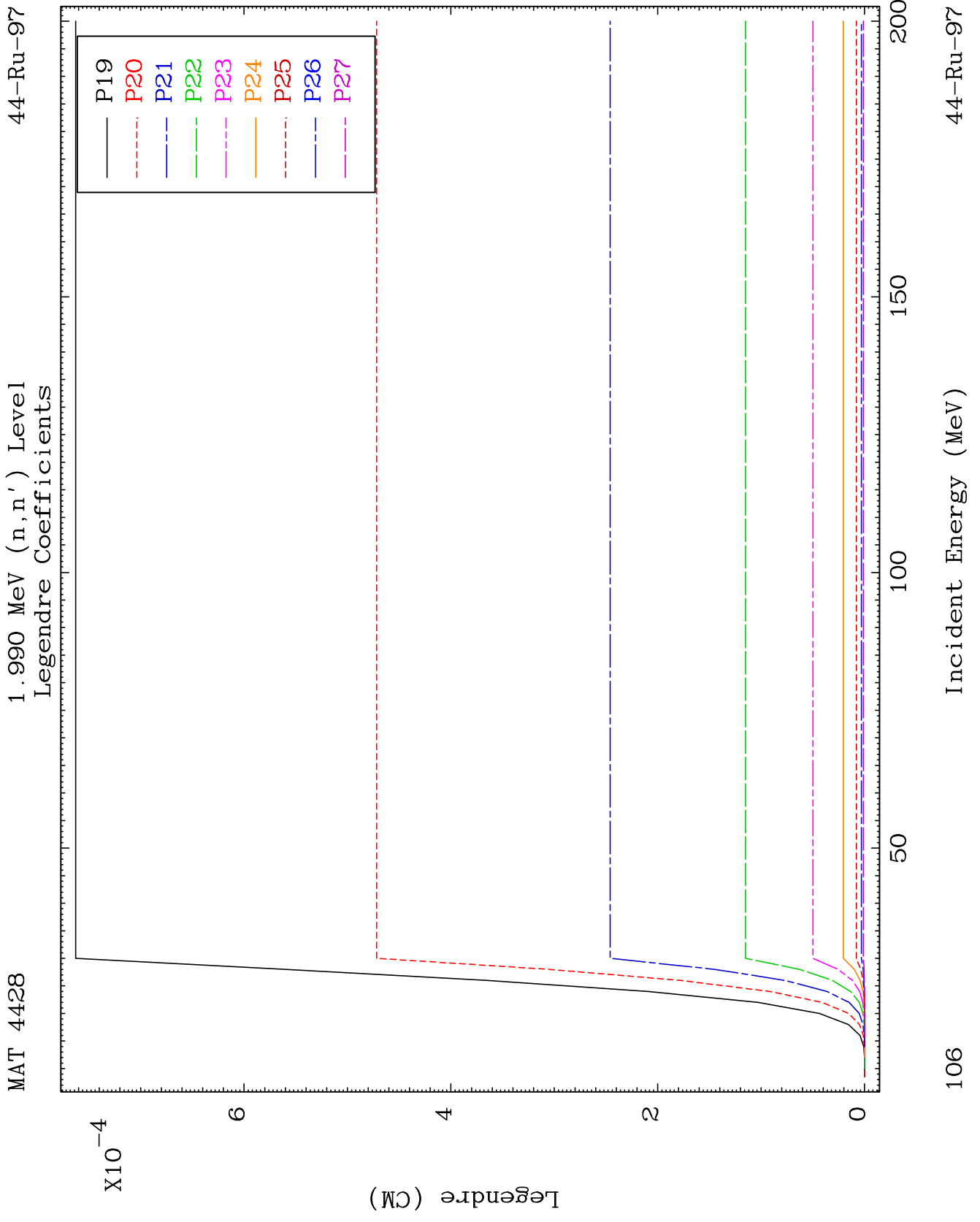
44-Ru-97

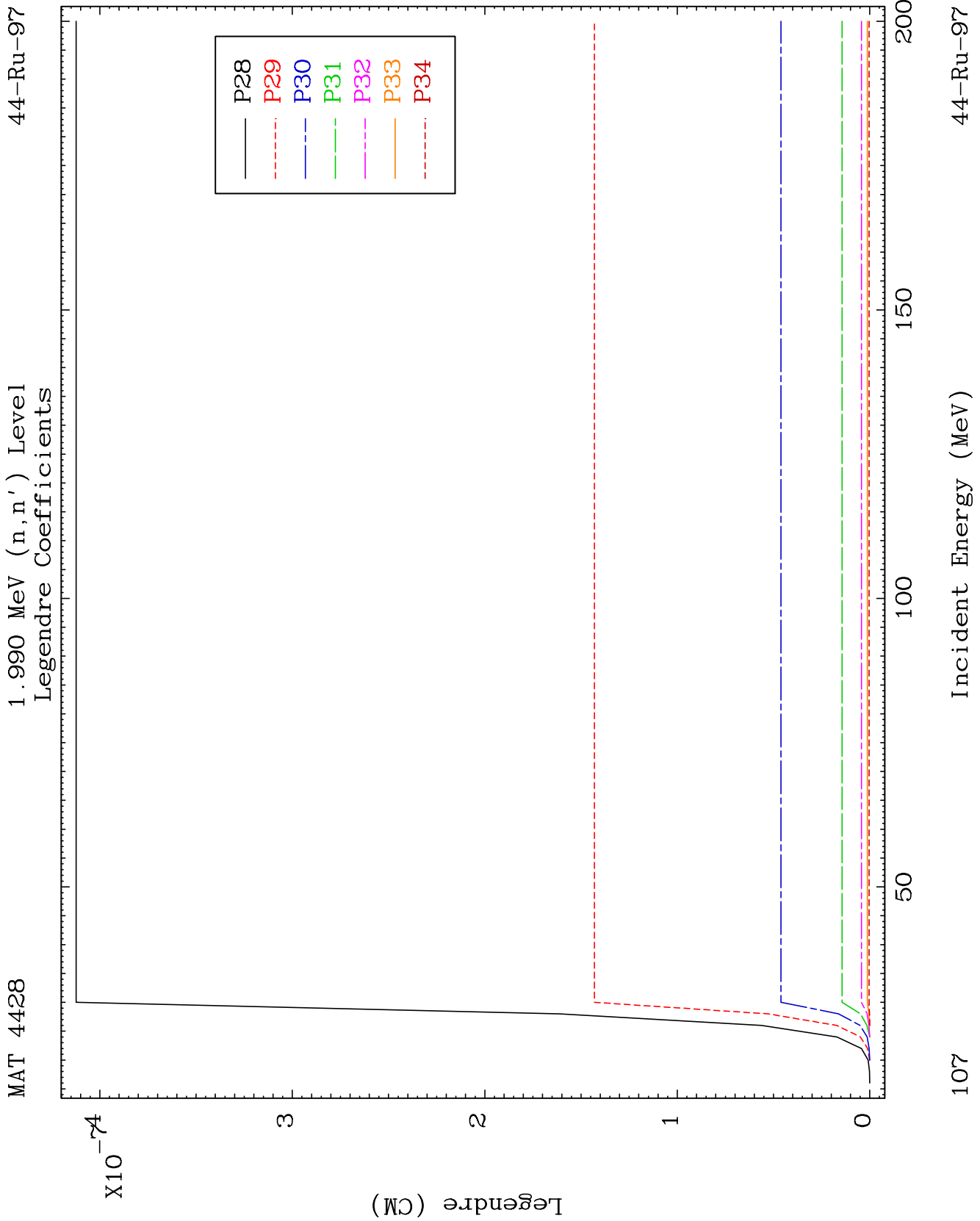


105

Incident Energy (MeV)

44-Ru-97

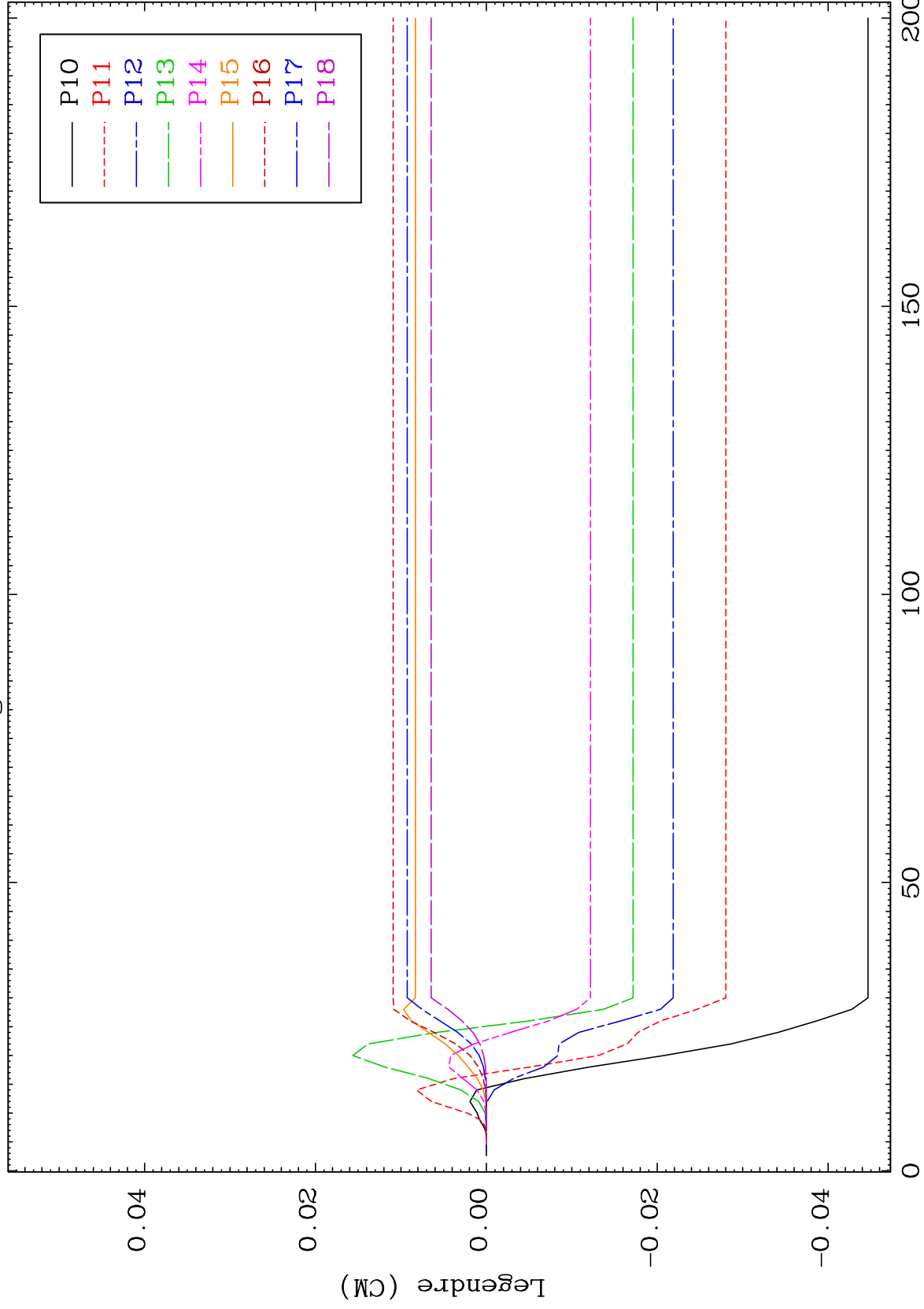




MAT 4428

1.999 MeV (n,n') Level
Legendre Coefficients

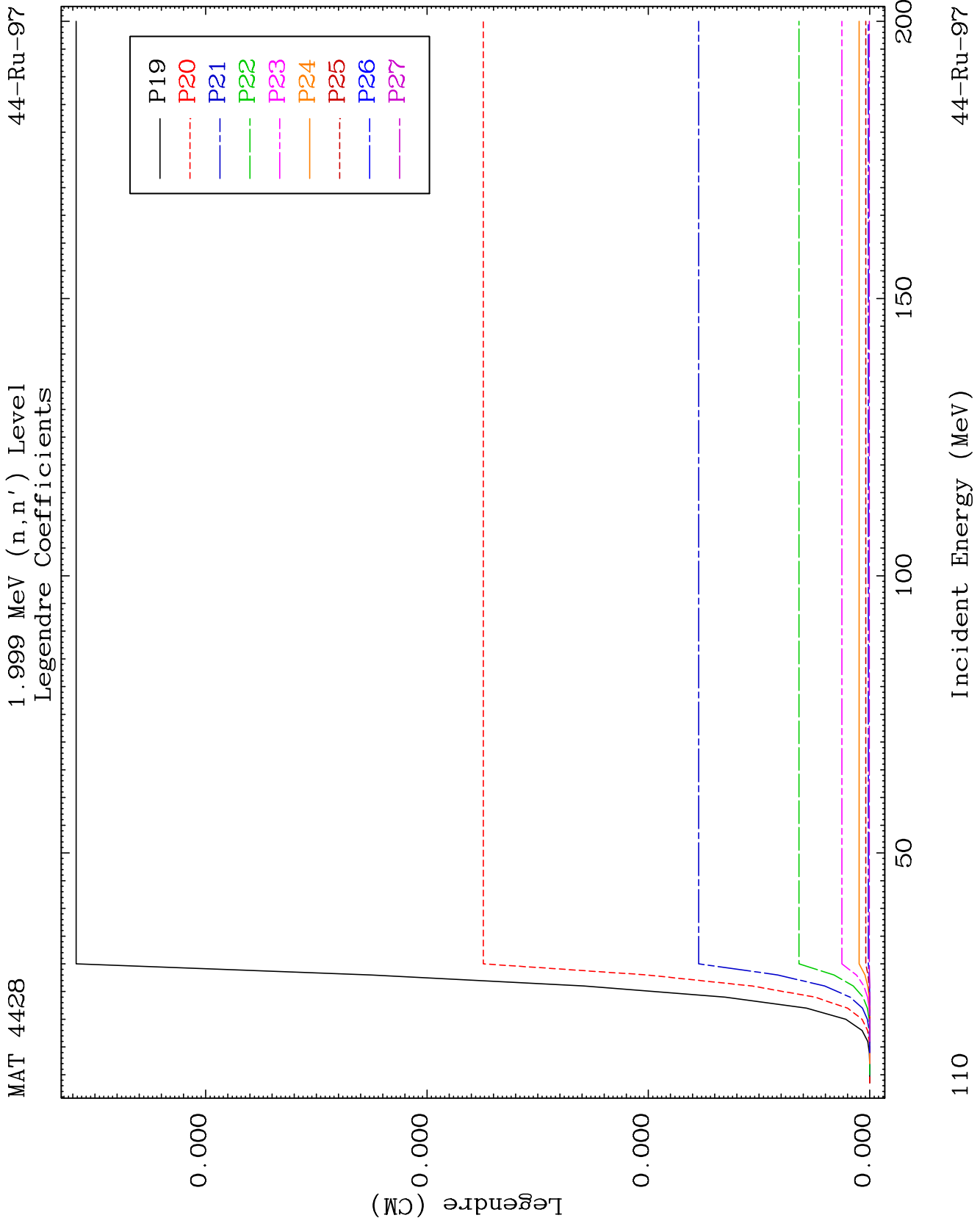
44-Ru-97

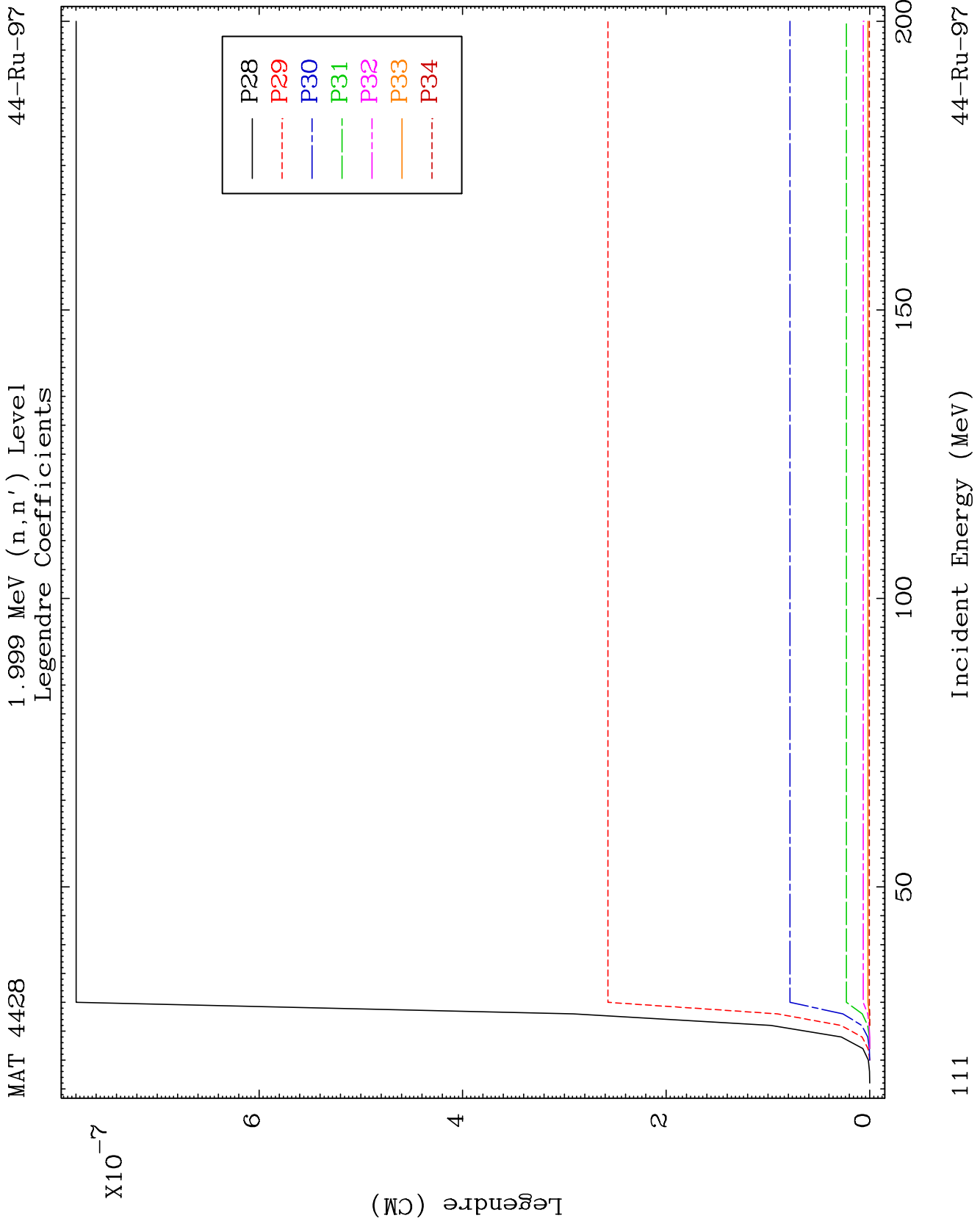


109

Incident Energy (MeV)

44-Ru-97

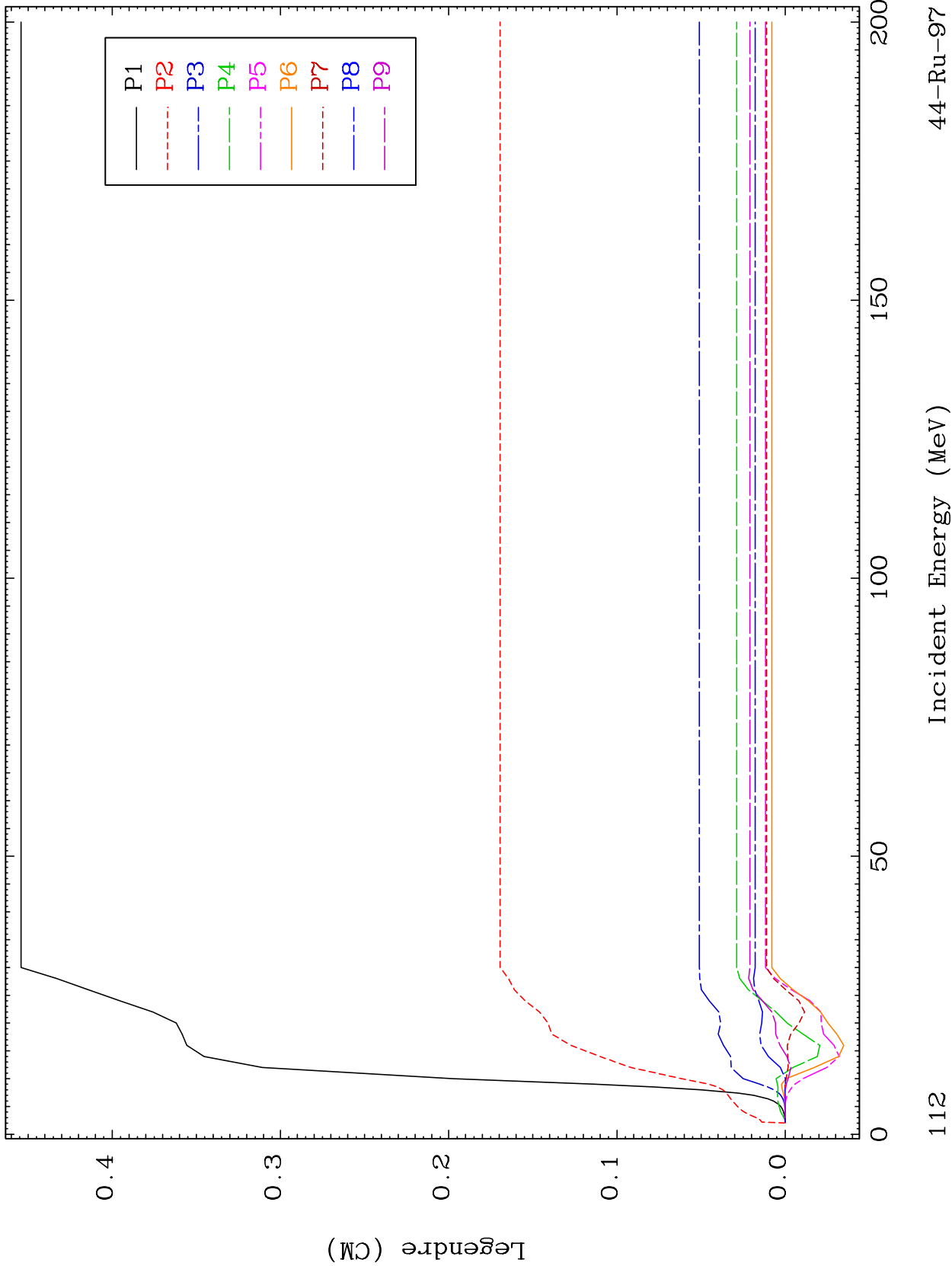




MAT 4428

2.005 MeV (n,n') Level
Legendre Coefficients

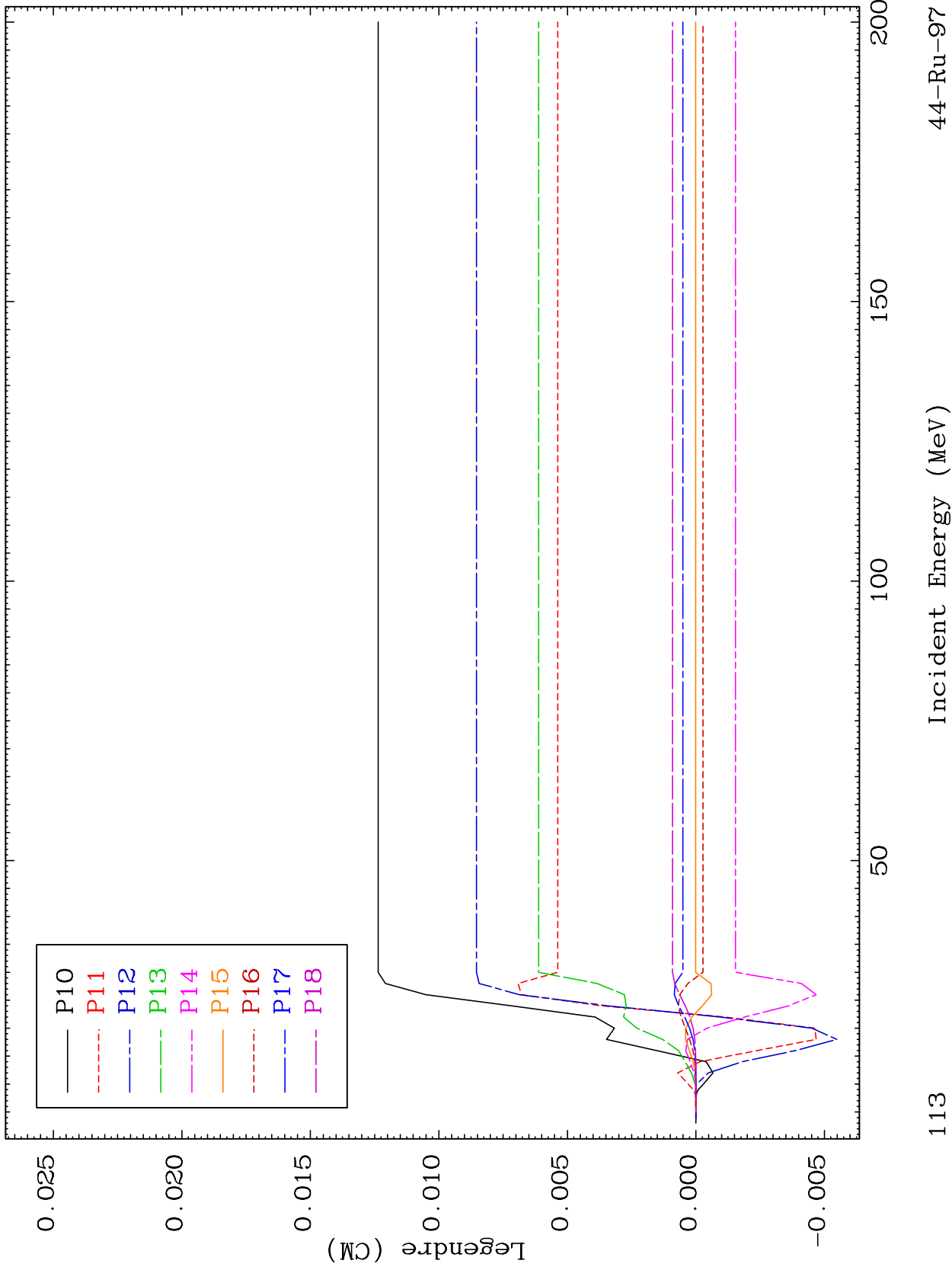
44-Ru-97

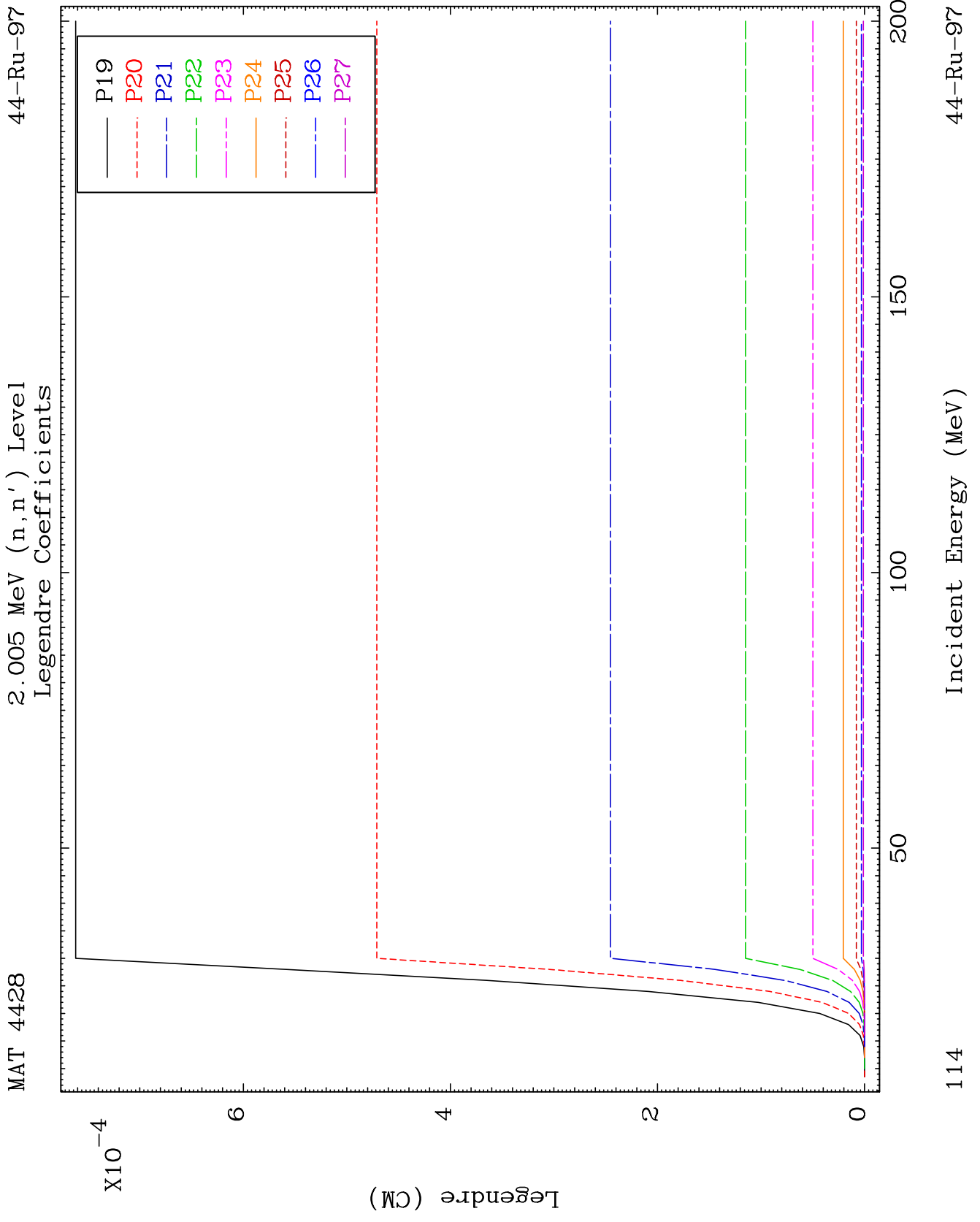


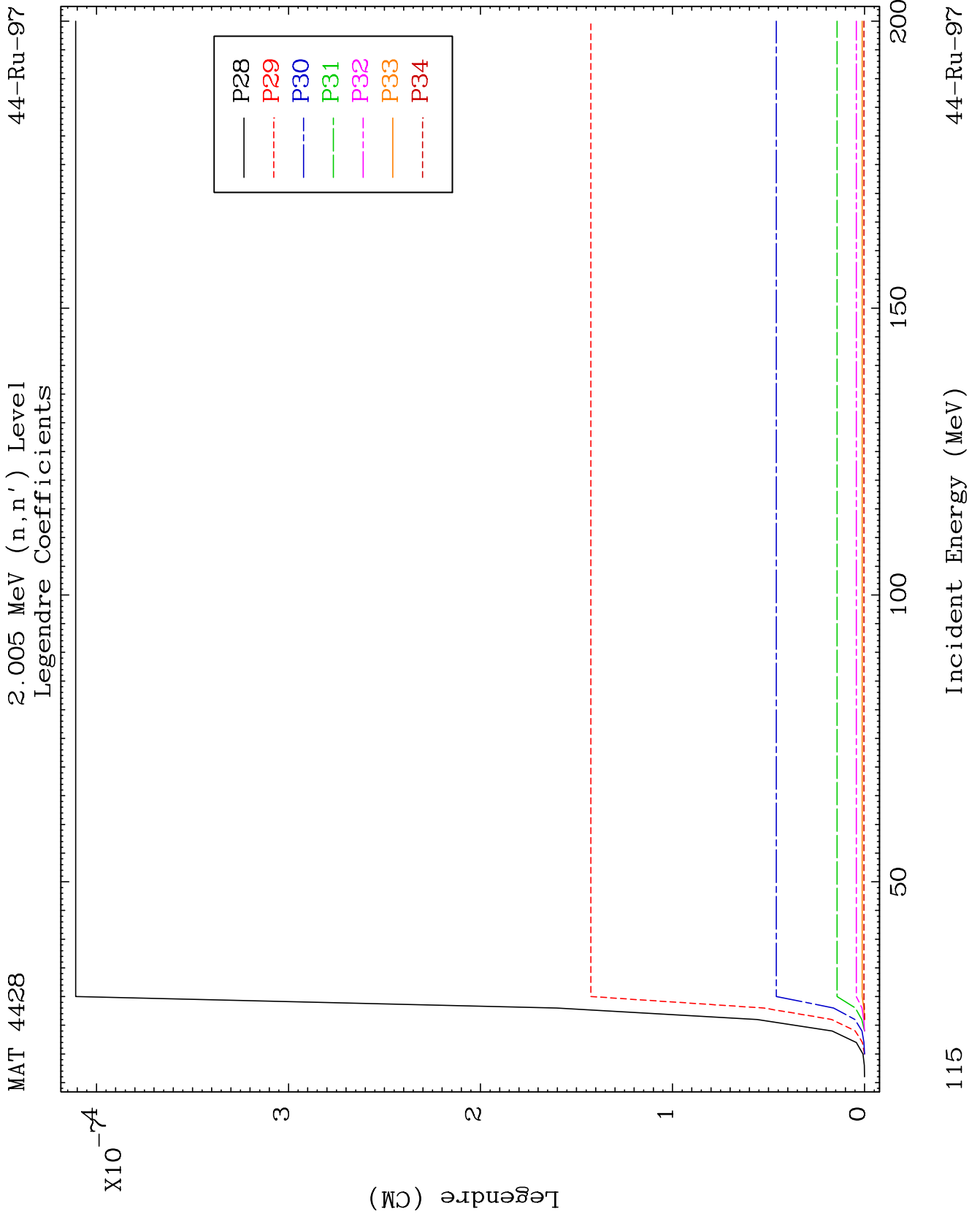
44-Ru-97

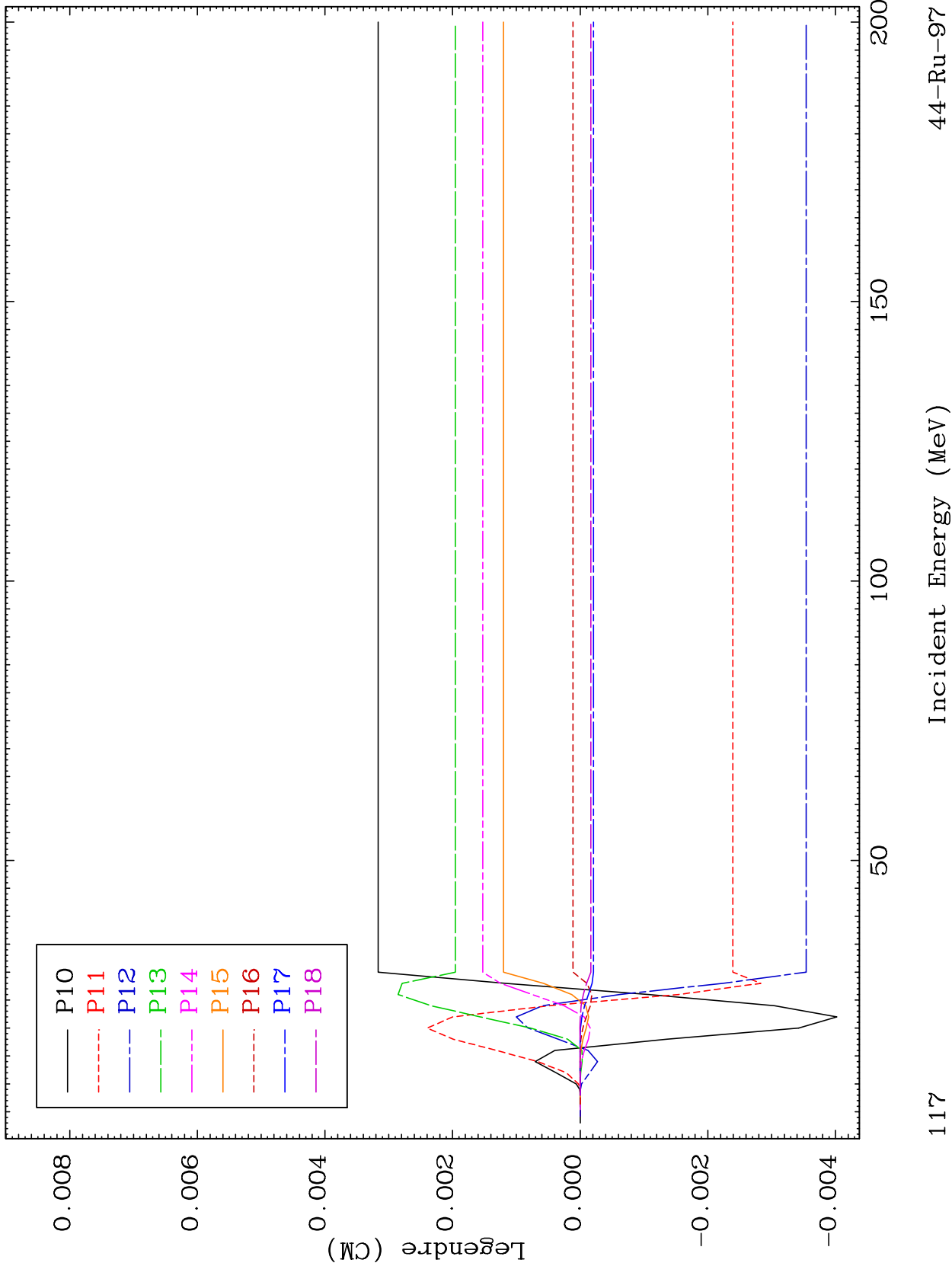
Incident Energy (MeV)

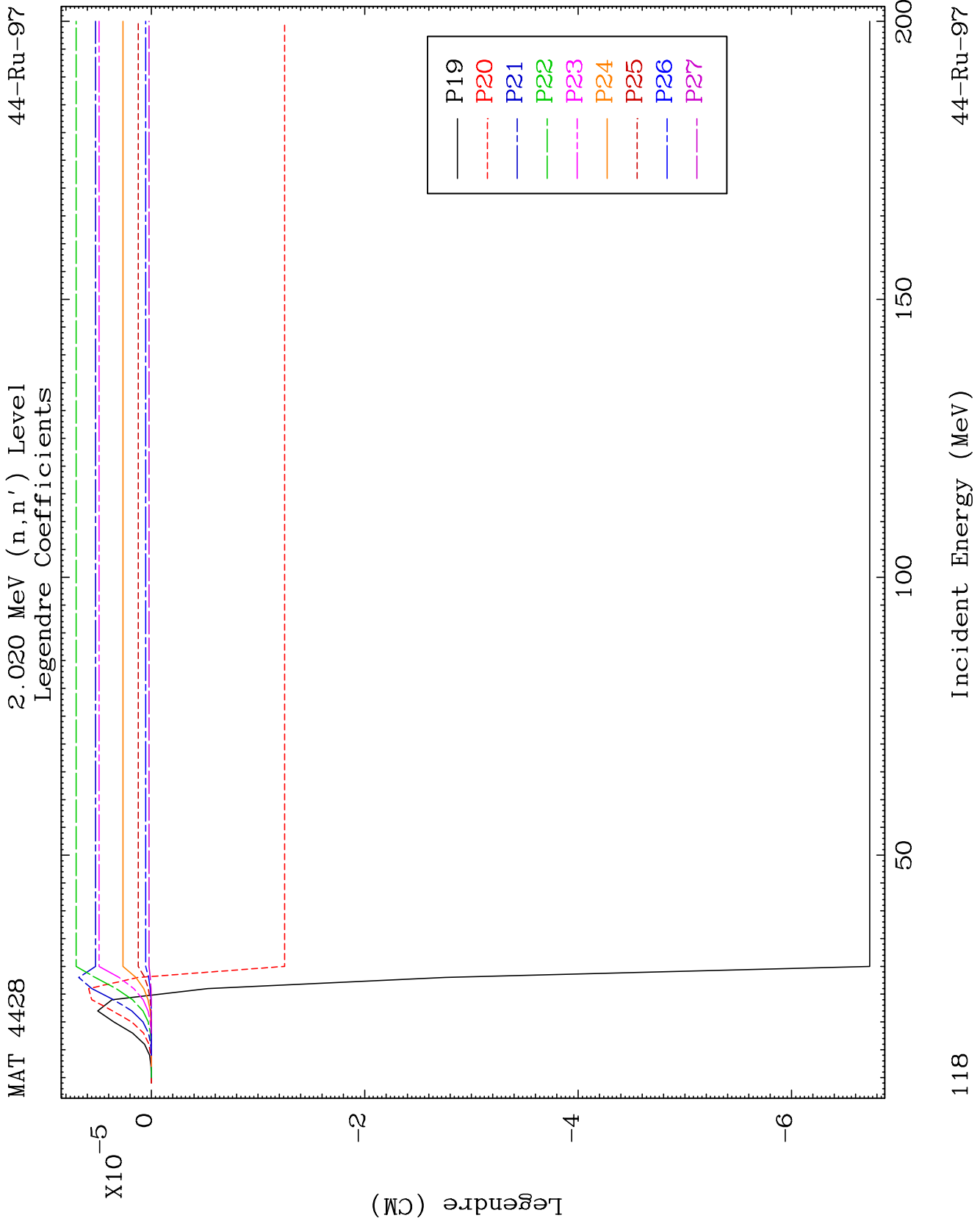
112

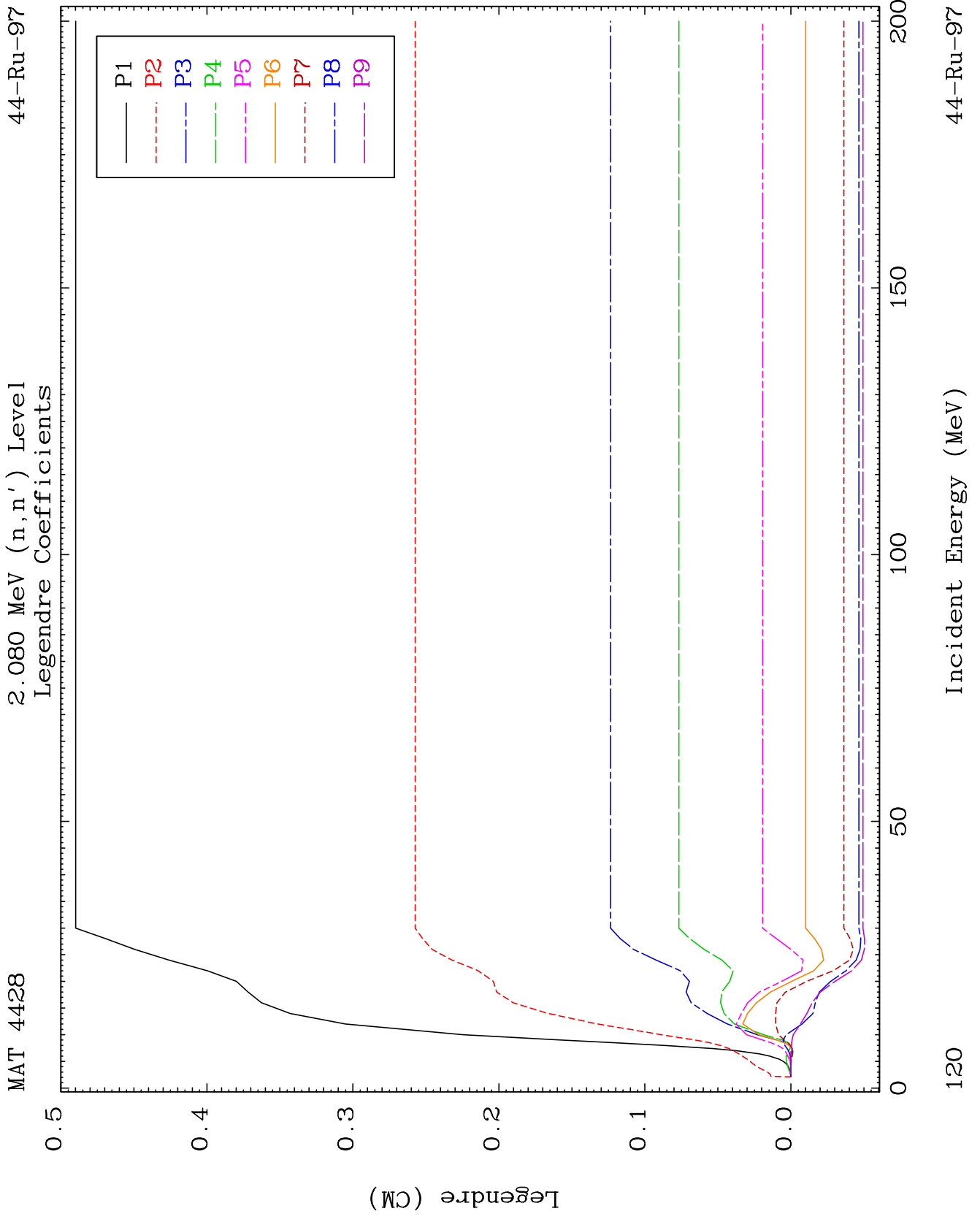


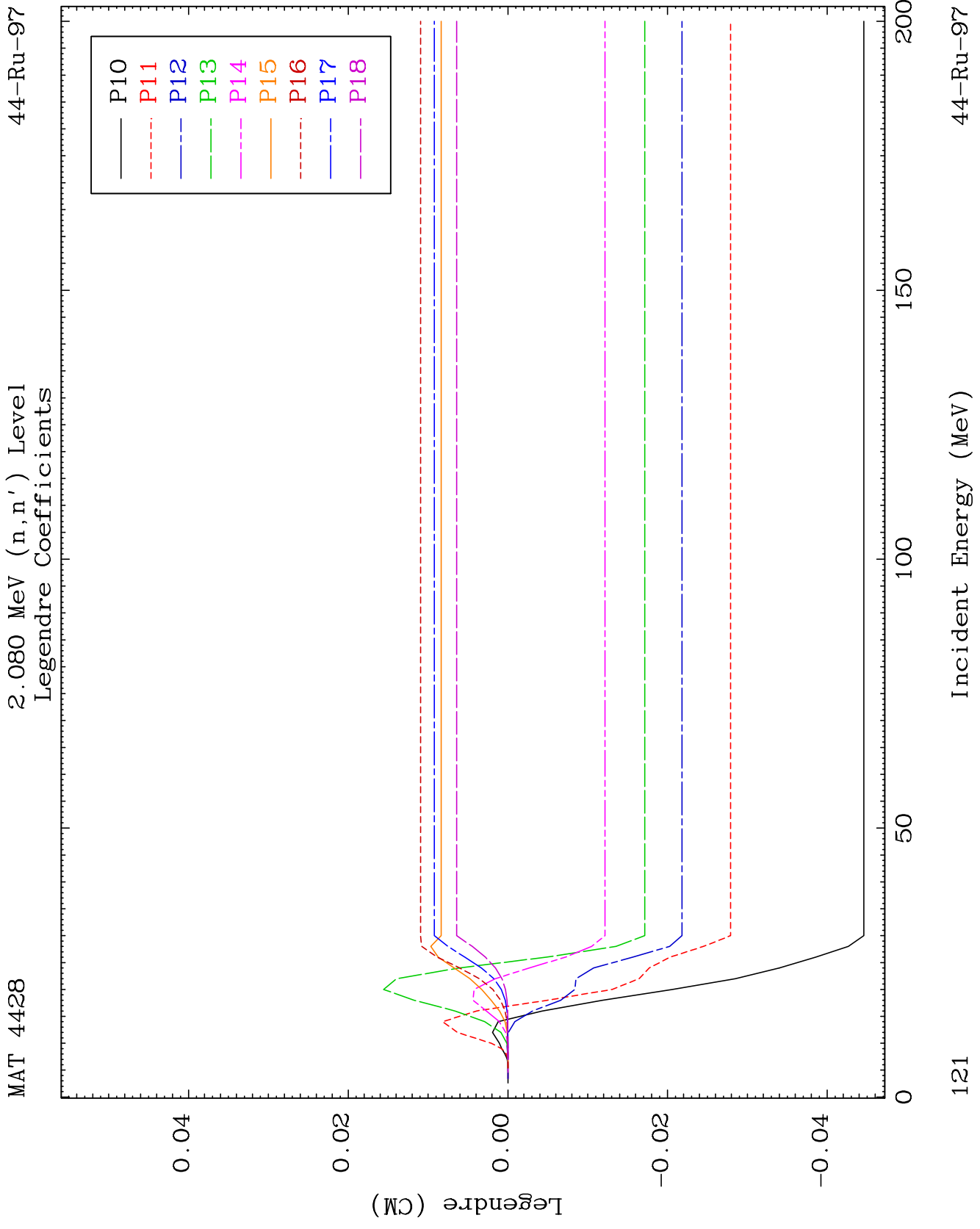


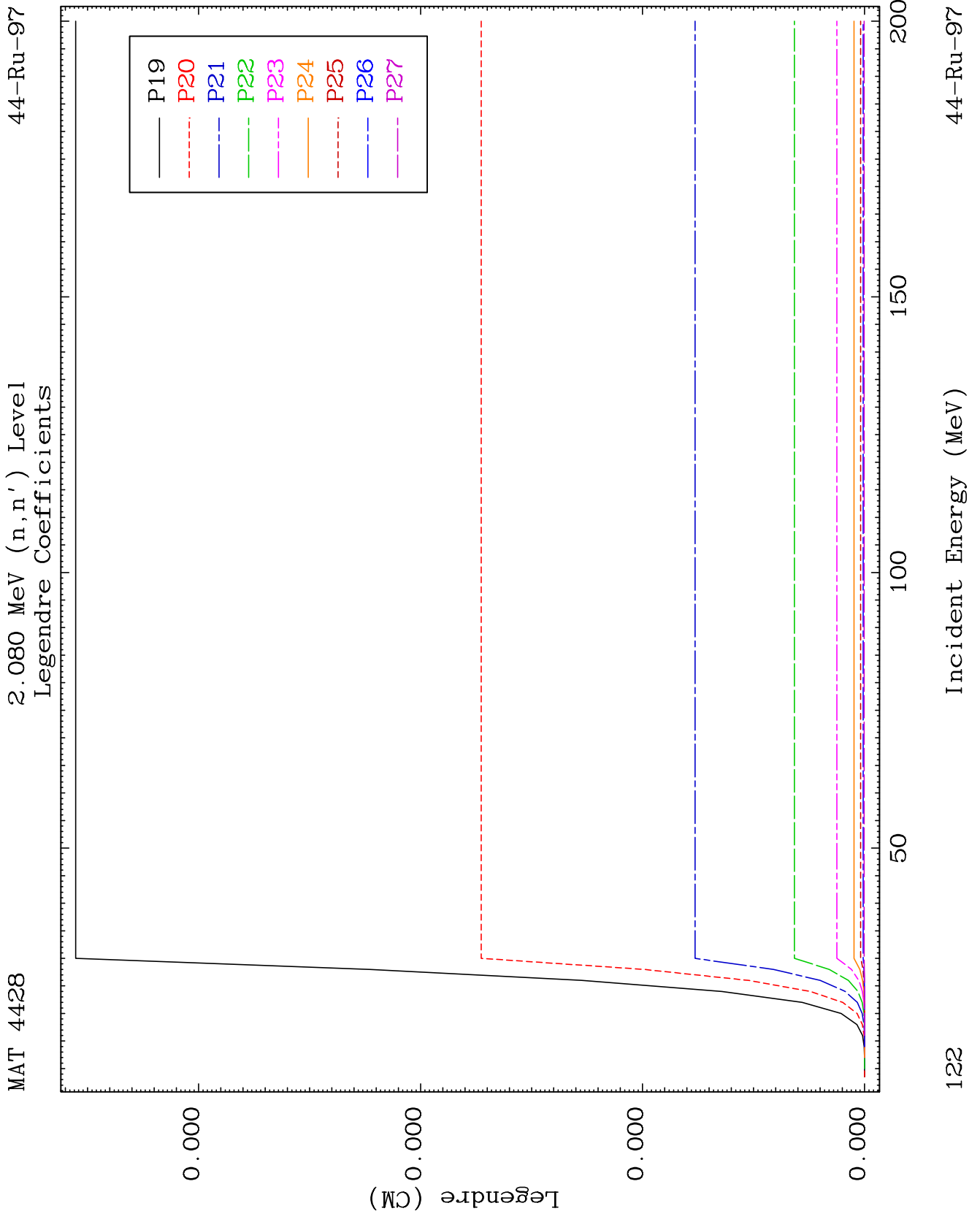


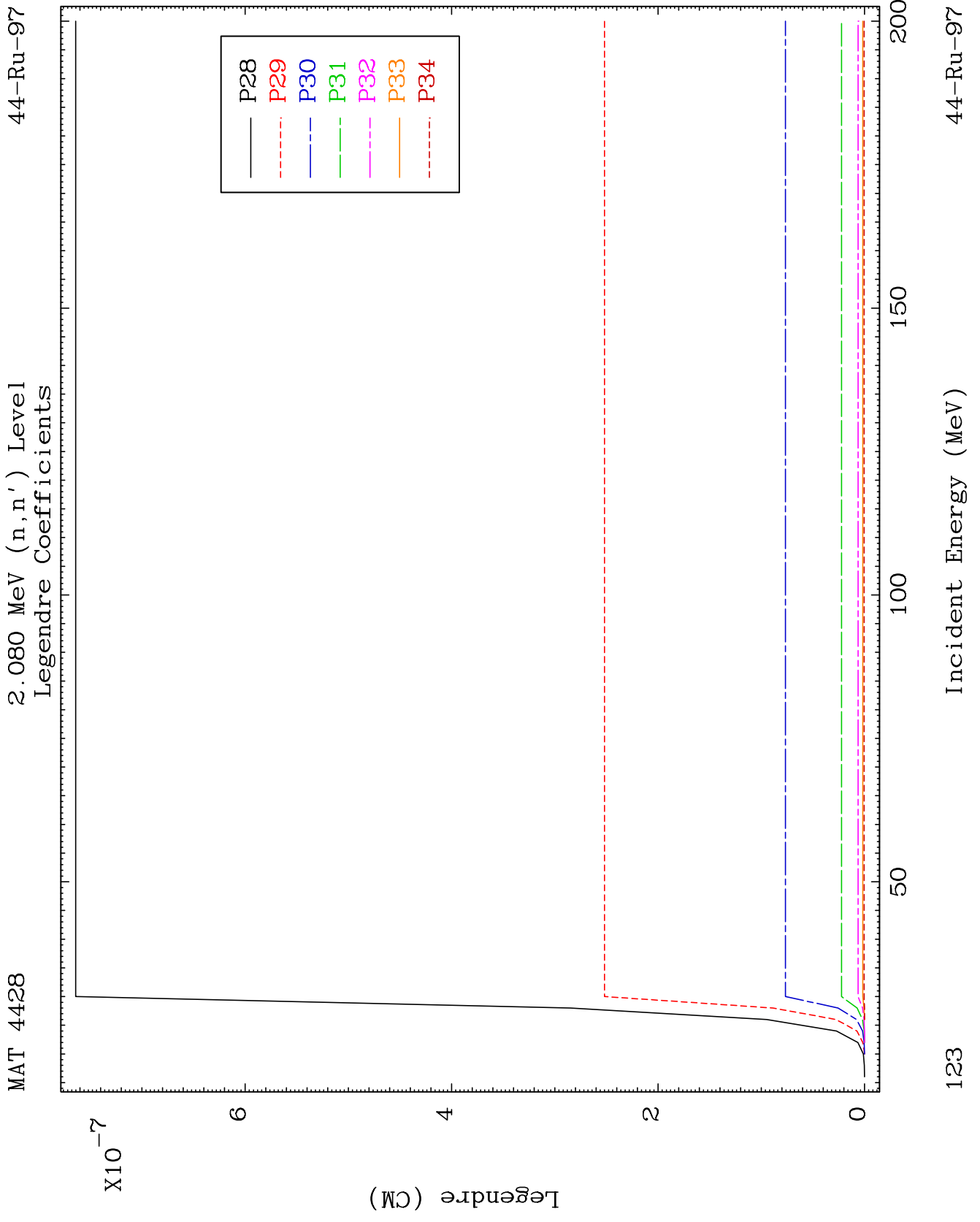


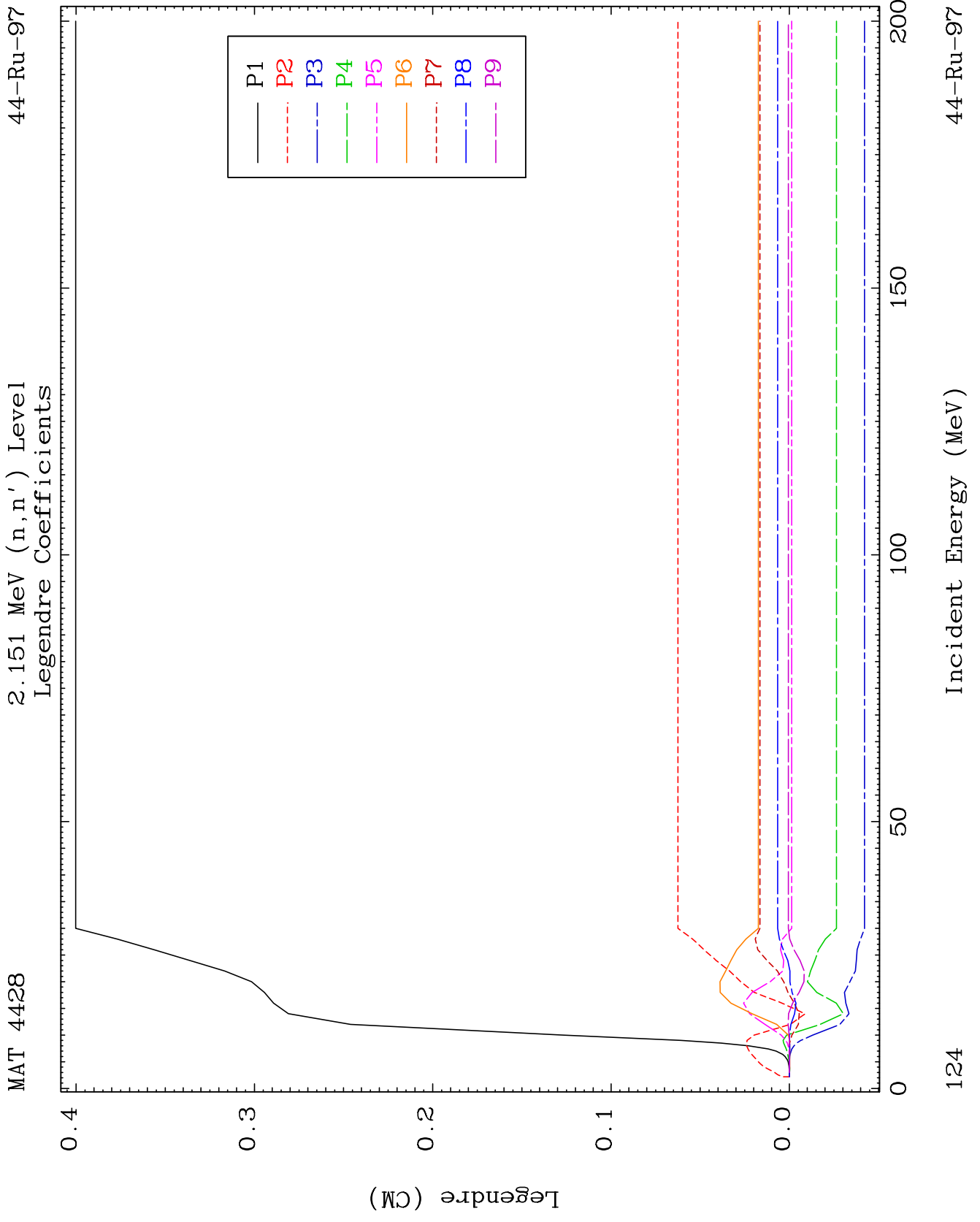








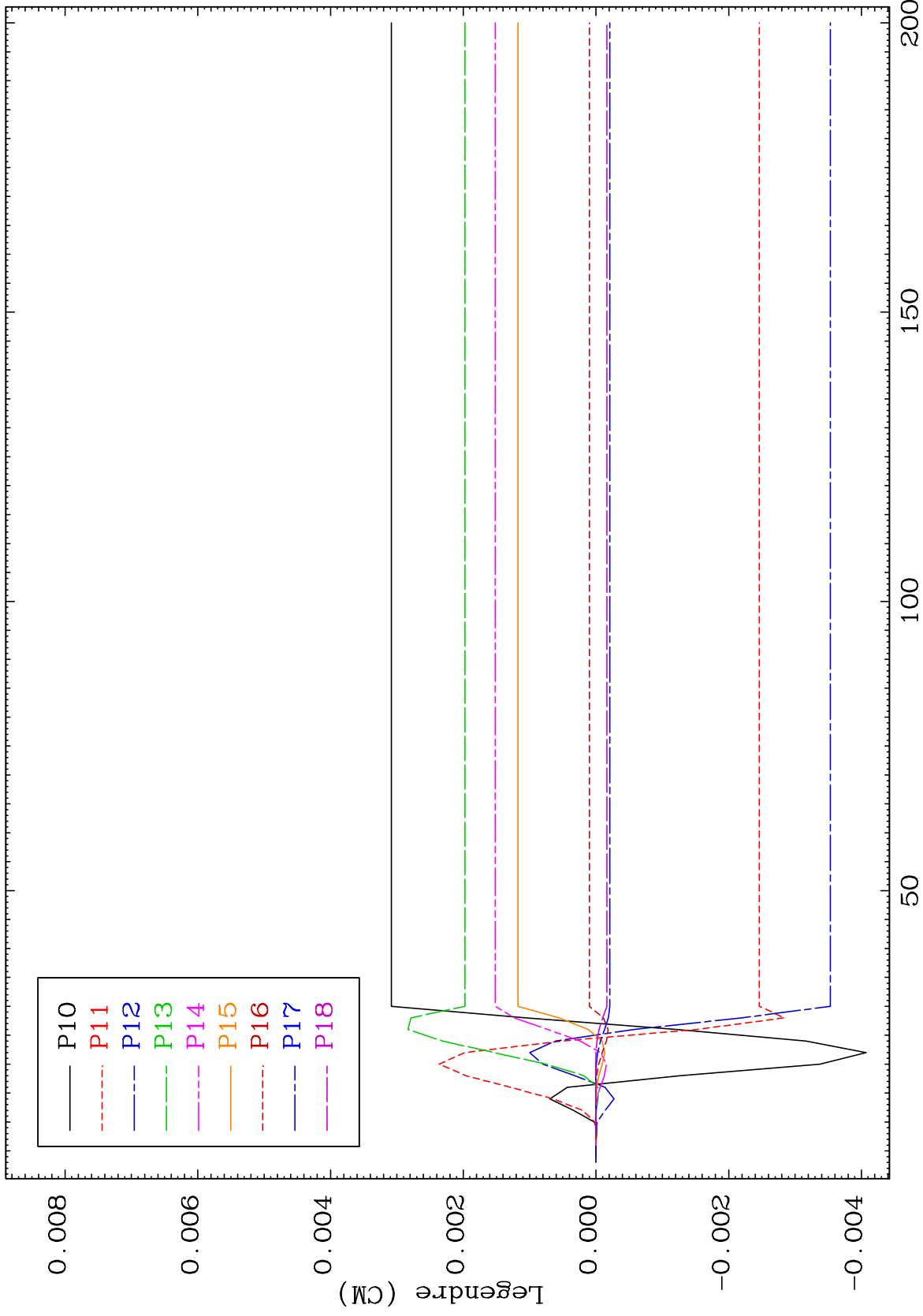




MAT 4428

2.151 MeV (n,n') Level
Legendre Coefficients

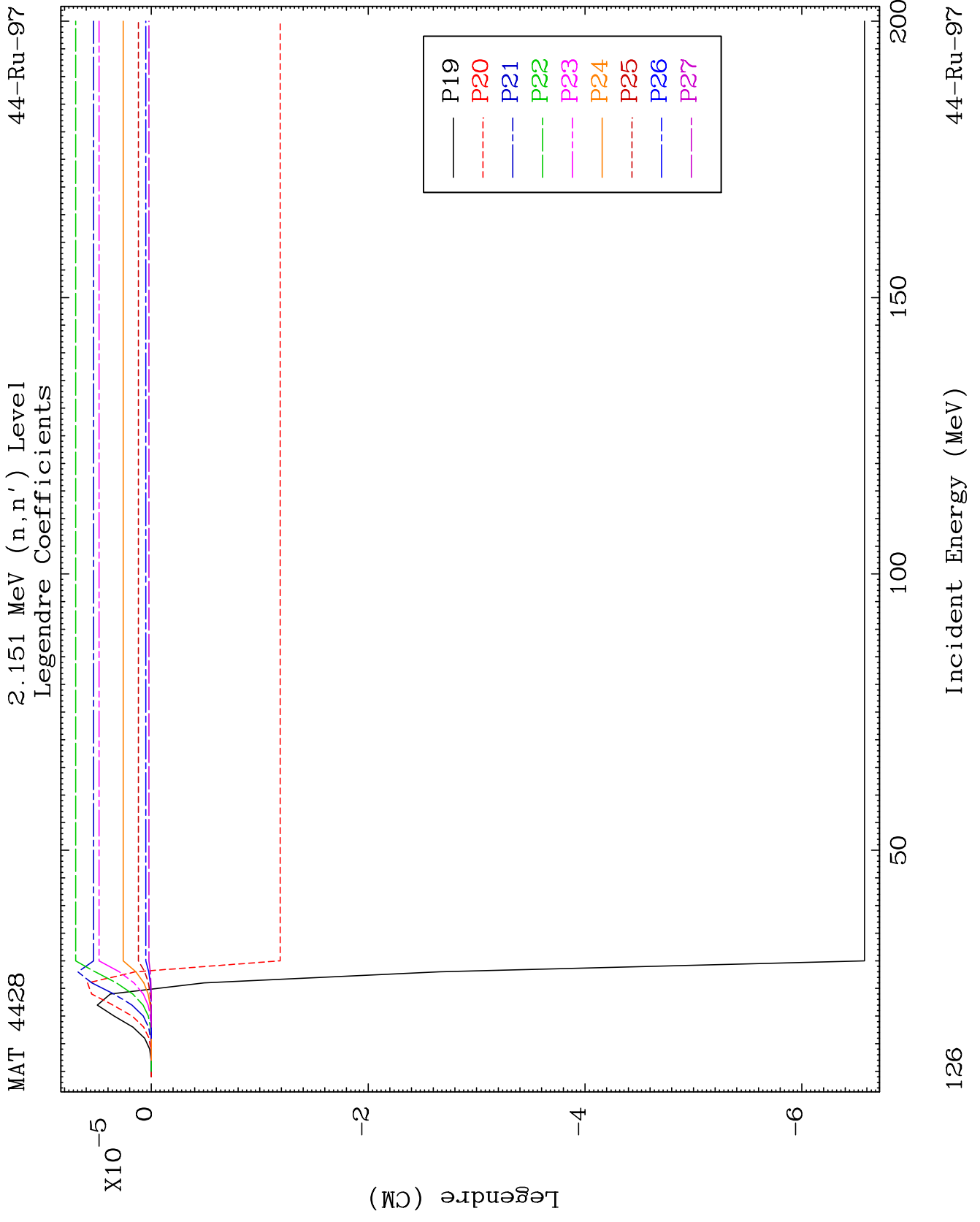
44-Ru-97

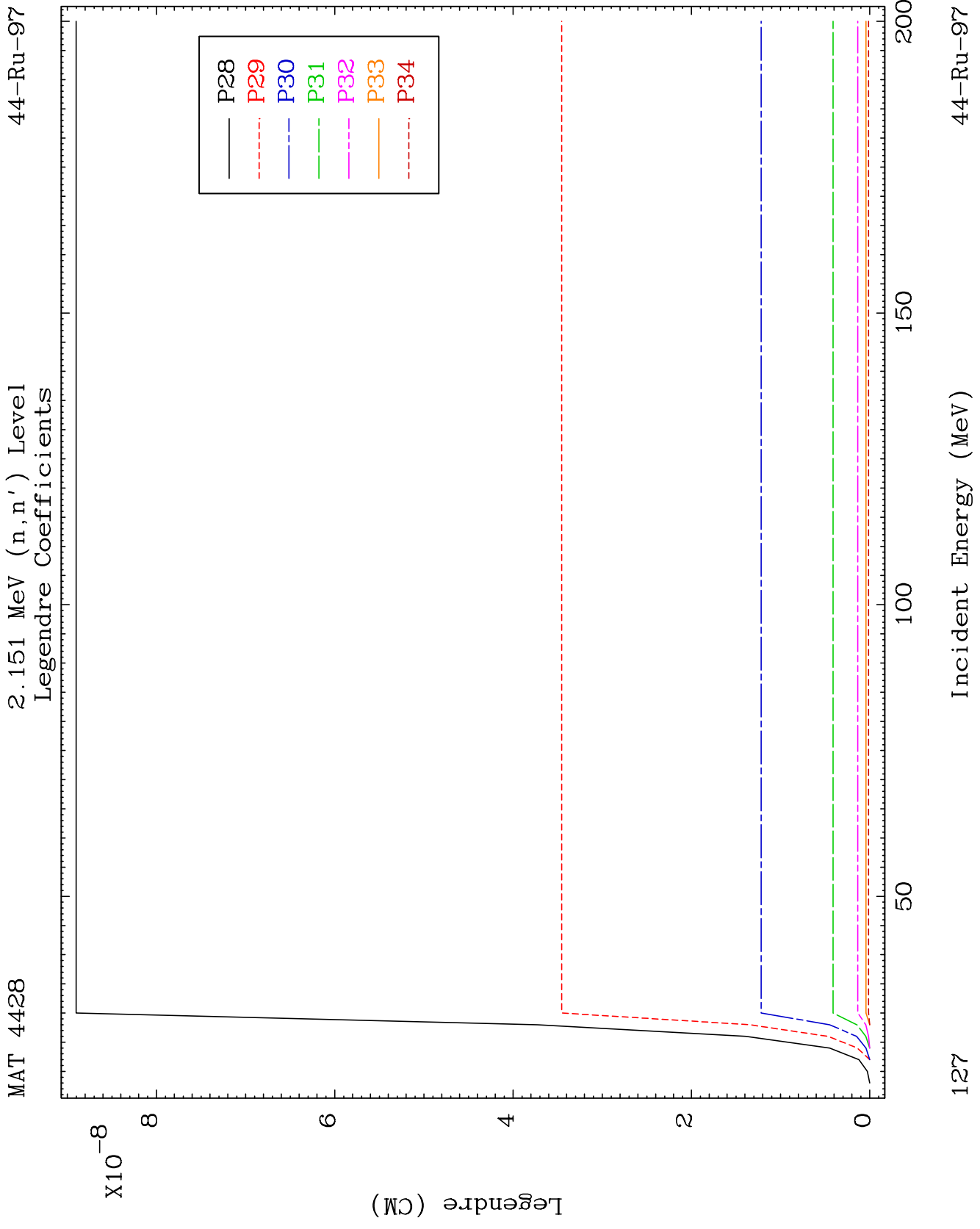


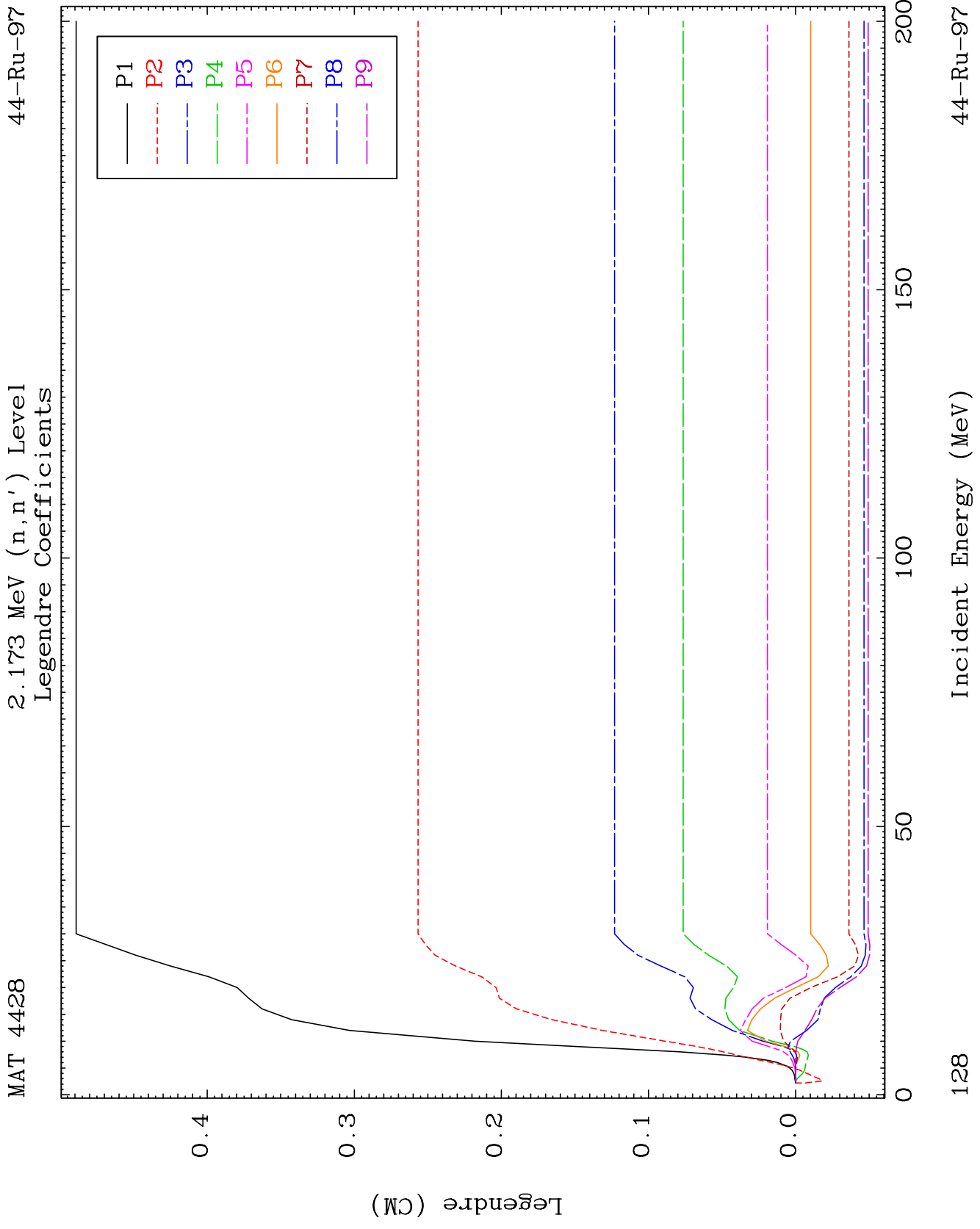
125

Incident Energy (MeV)

44-Ru-97



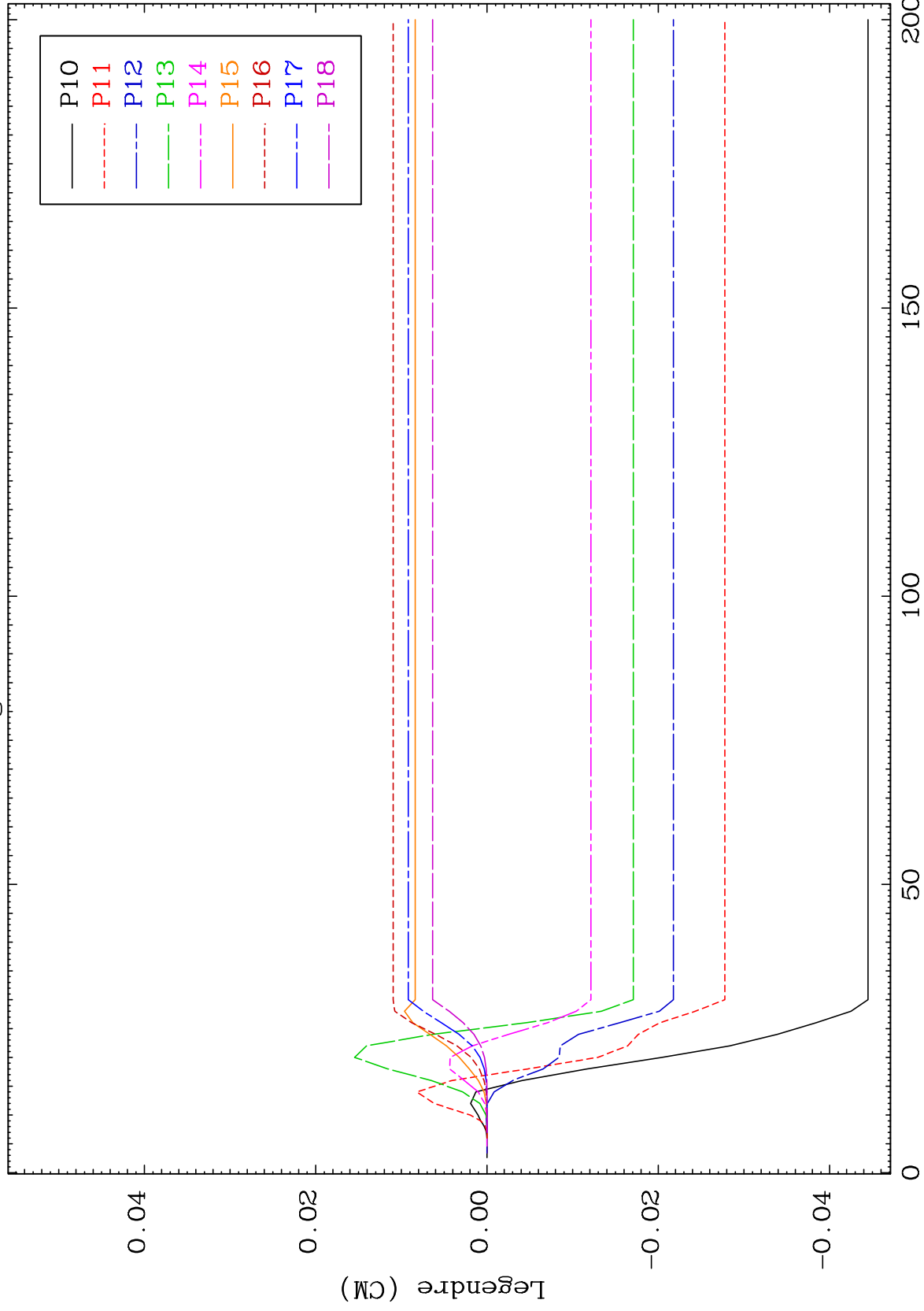




MAT 4428

2.173 MeV (n,n') Level
Legendre Coefficients

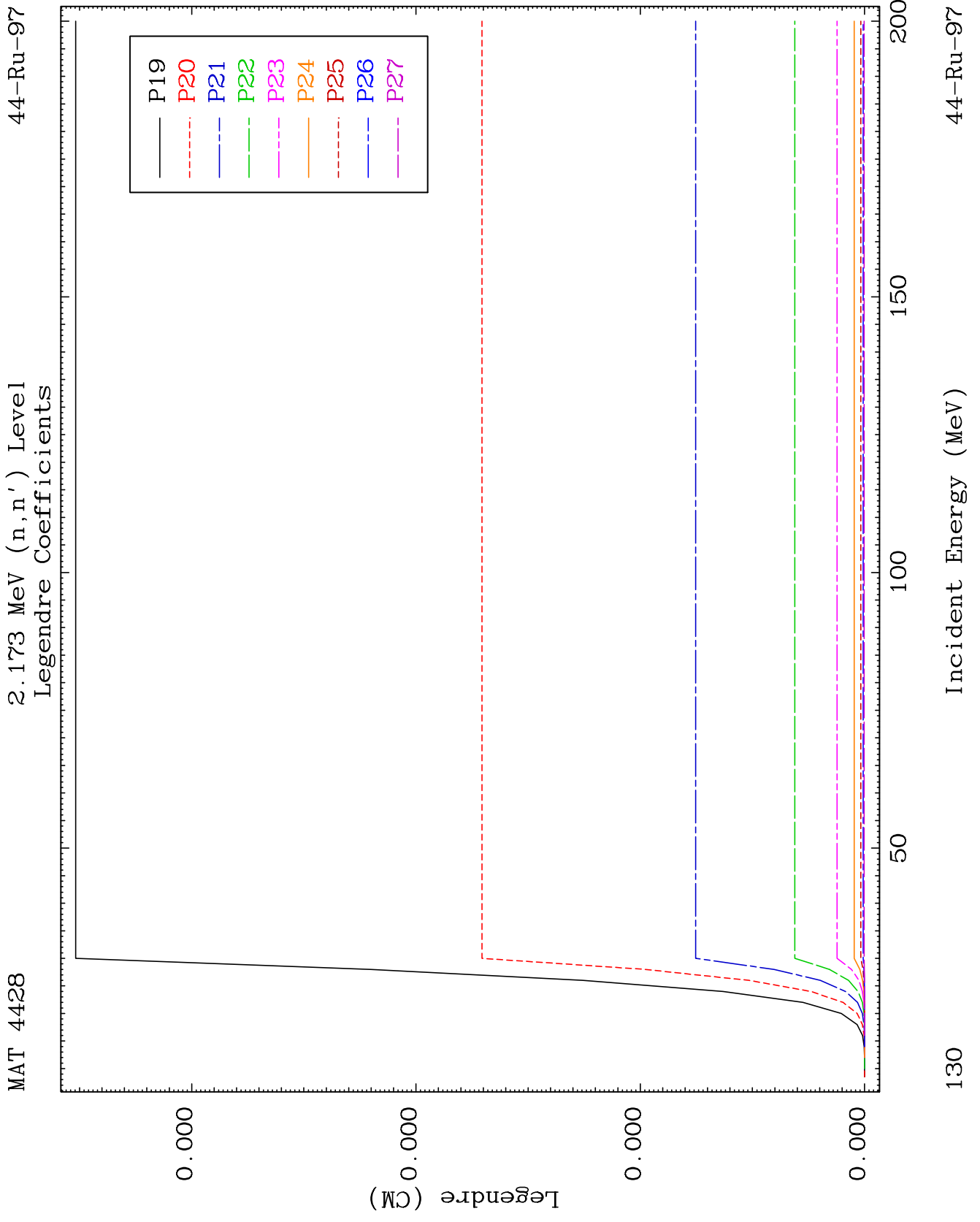
44-Ru-97

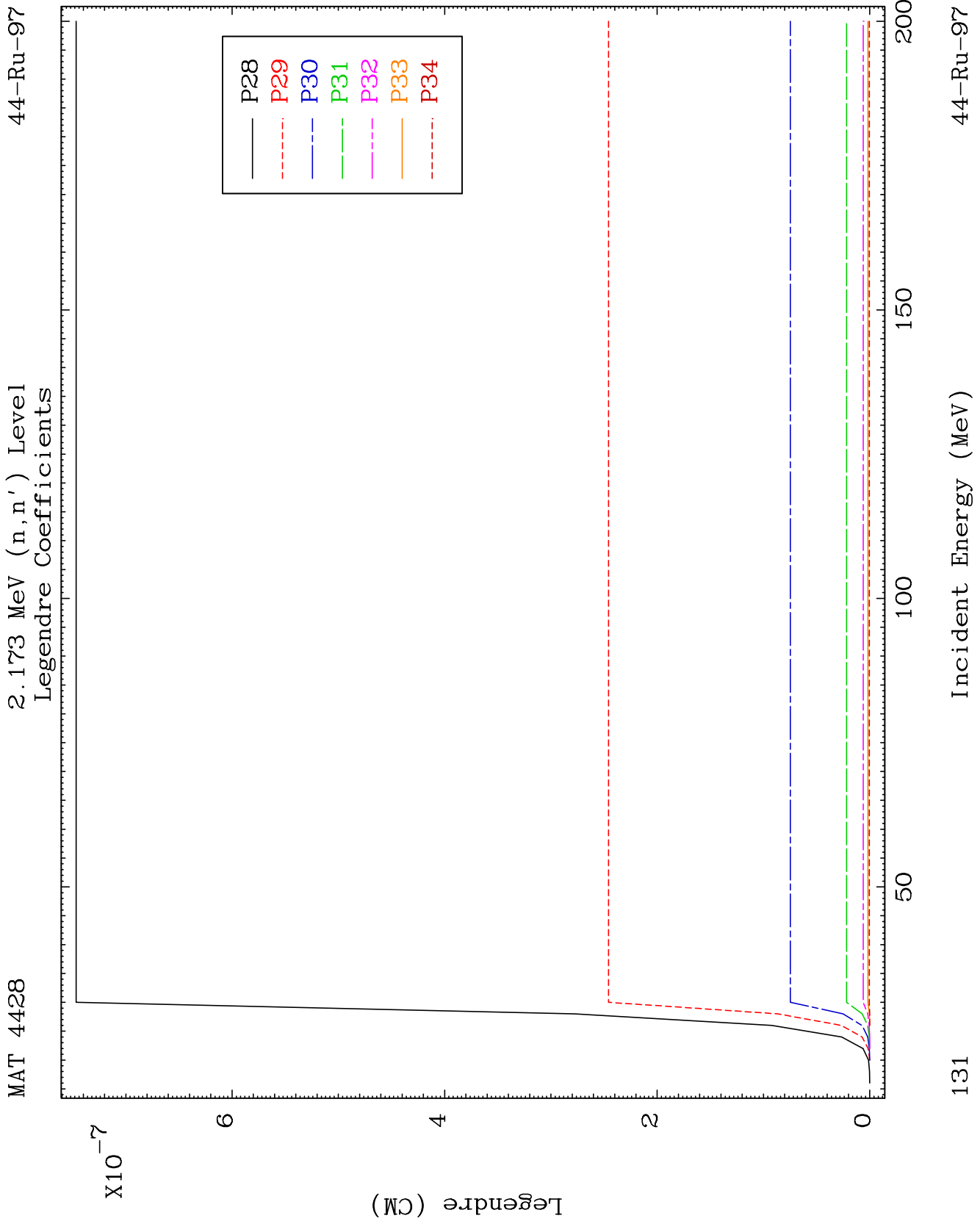


129

Incident Energy (MeV)

44-Ru-97

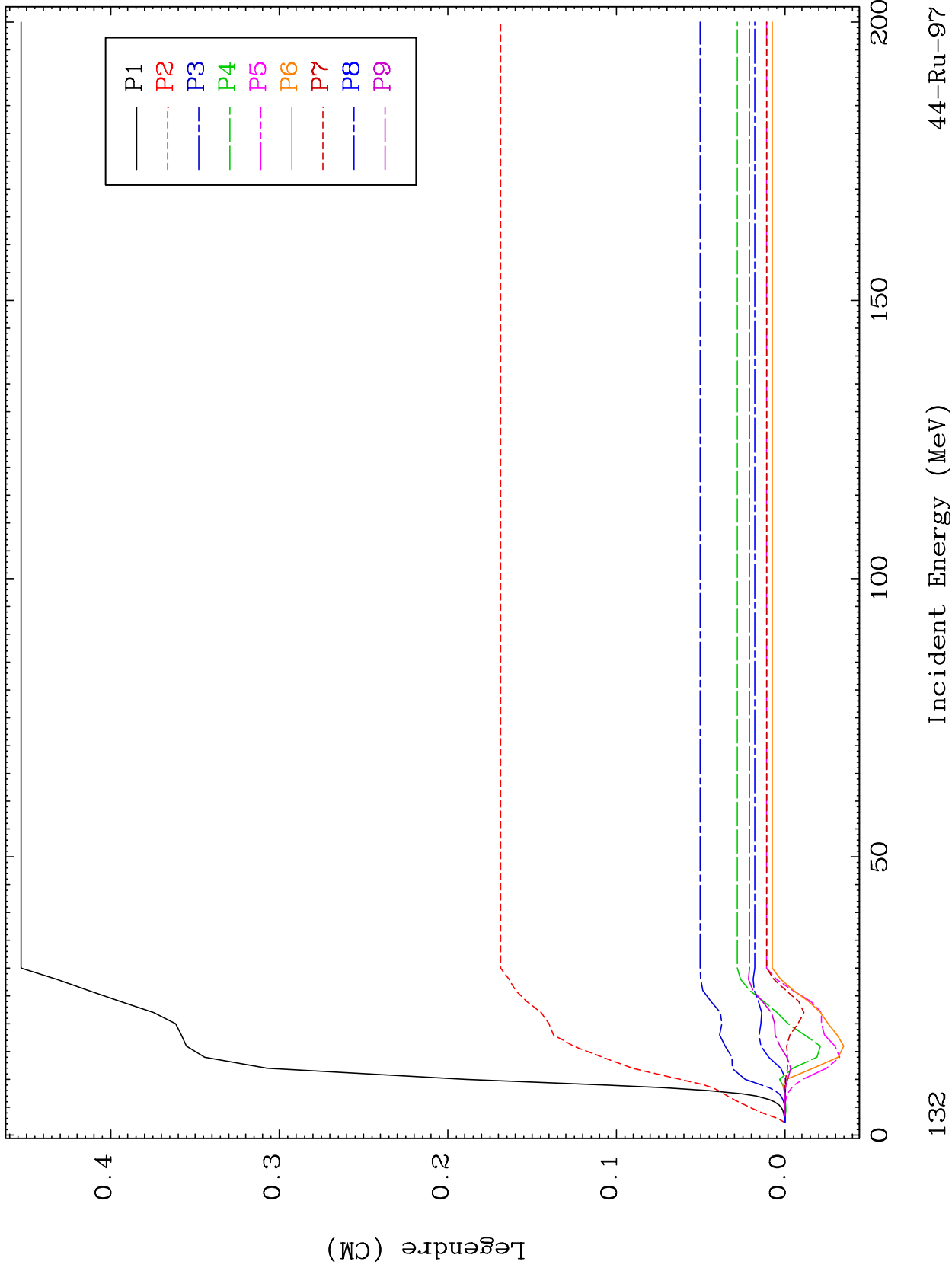




MAT 4428

2.198 MeV (n,n') Level
Legendre Coefficients

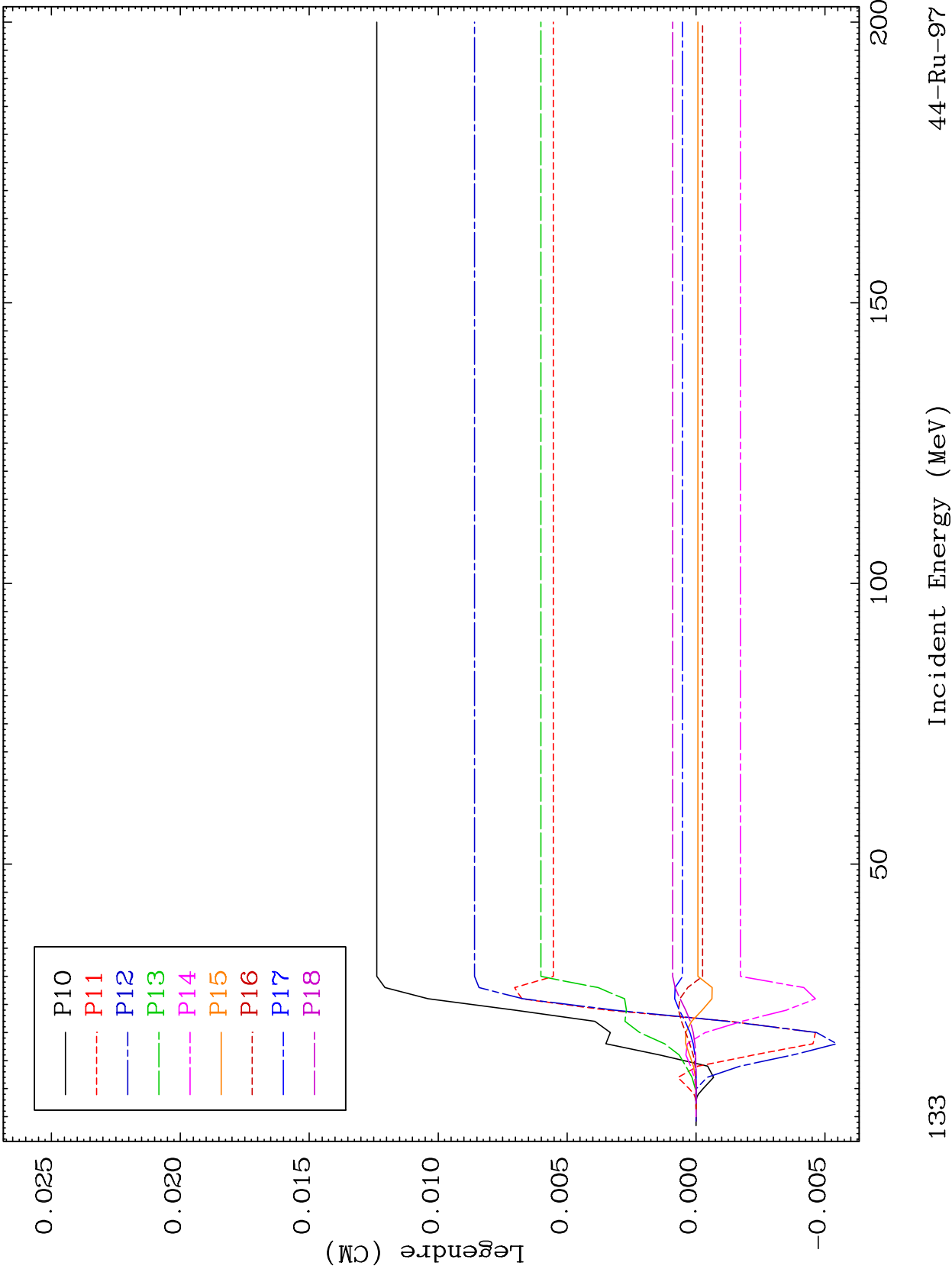
44-Ru-97

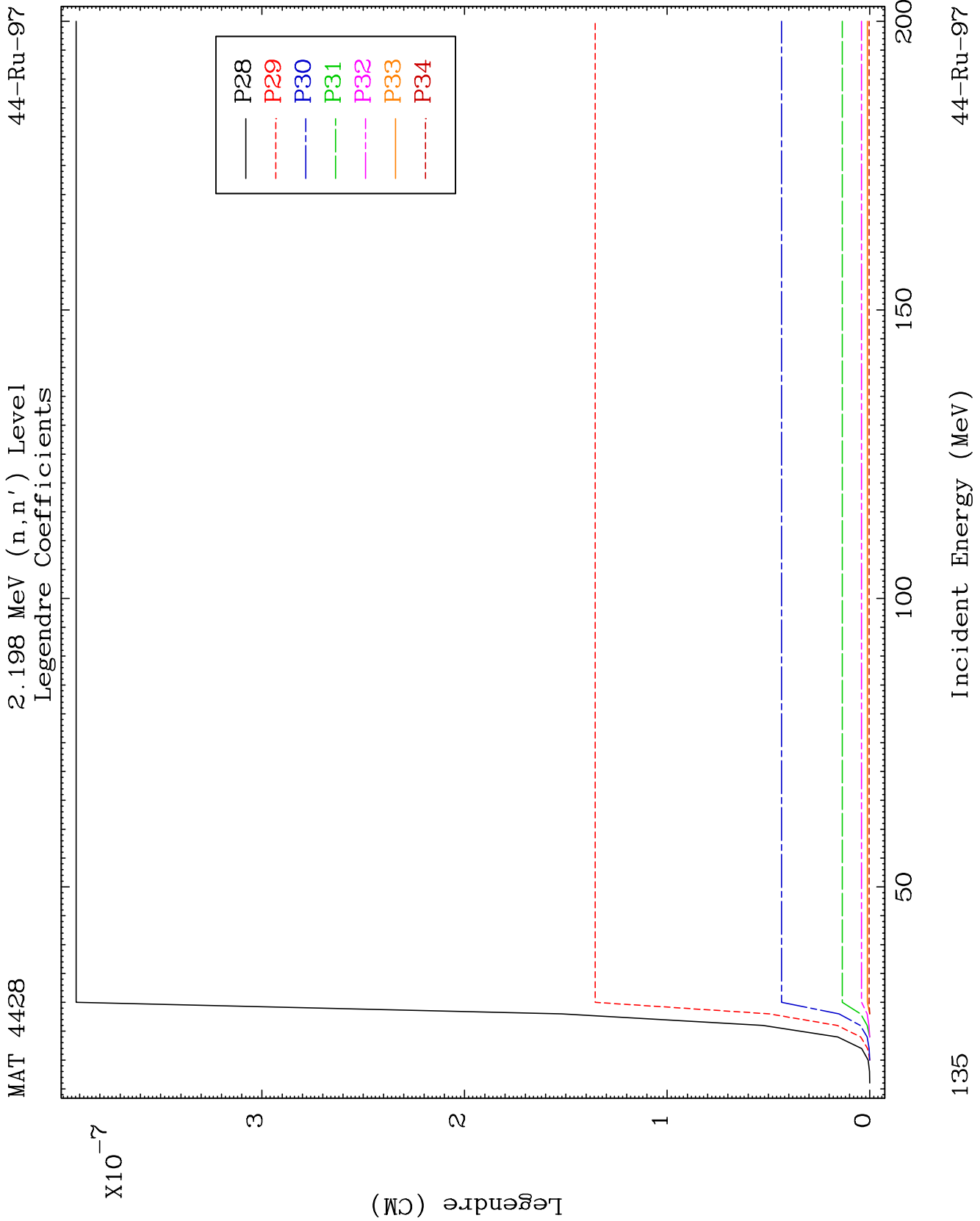


44-Ru-97

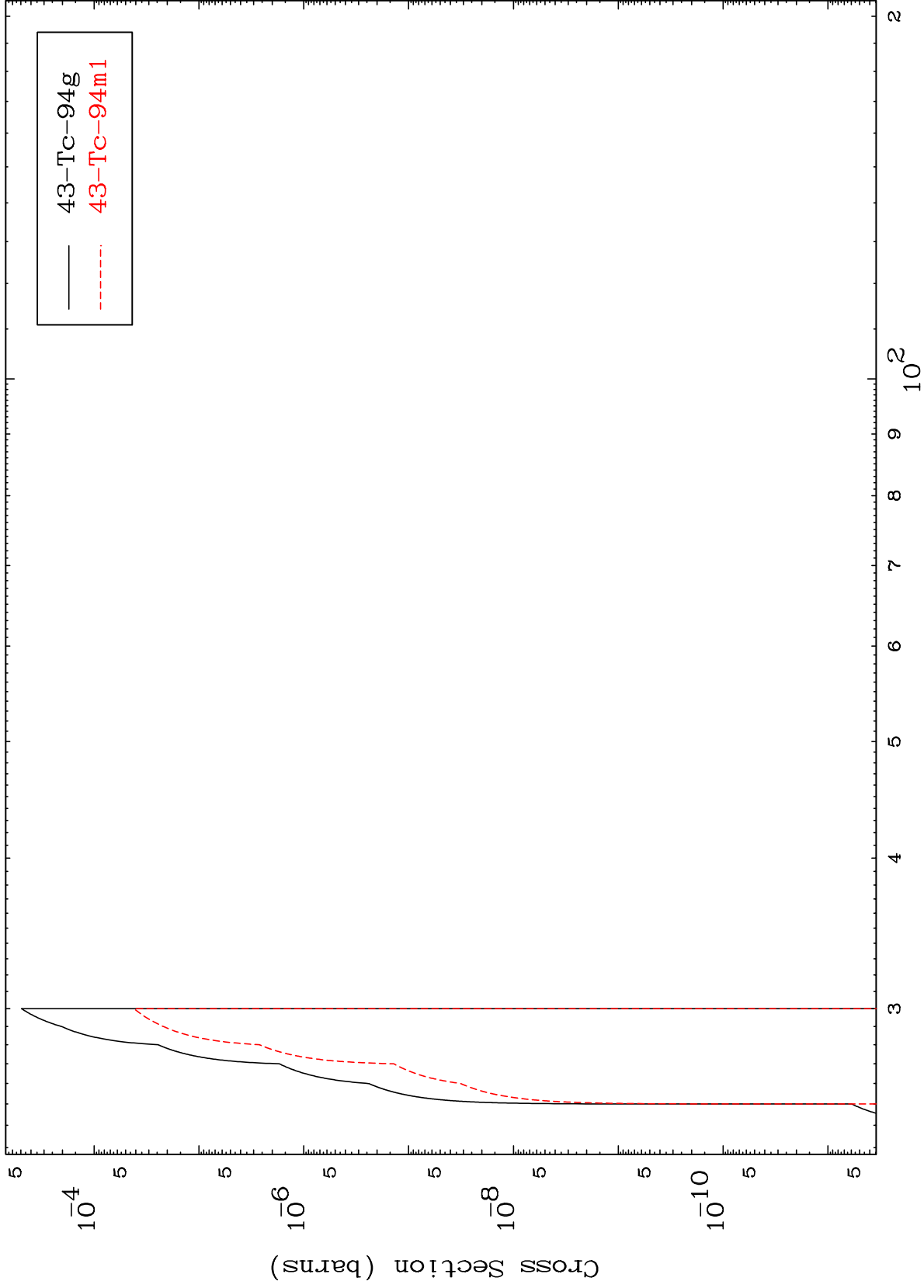
Incident Energy (MeV)

132





Radionuclide Production Cross Section

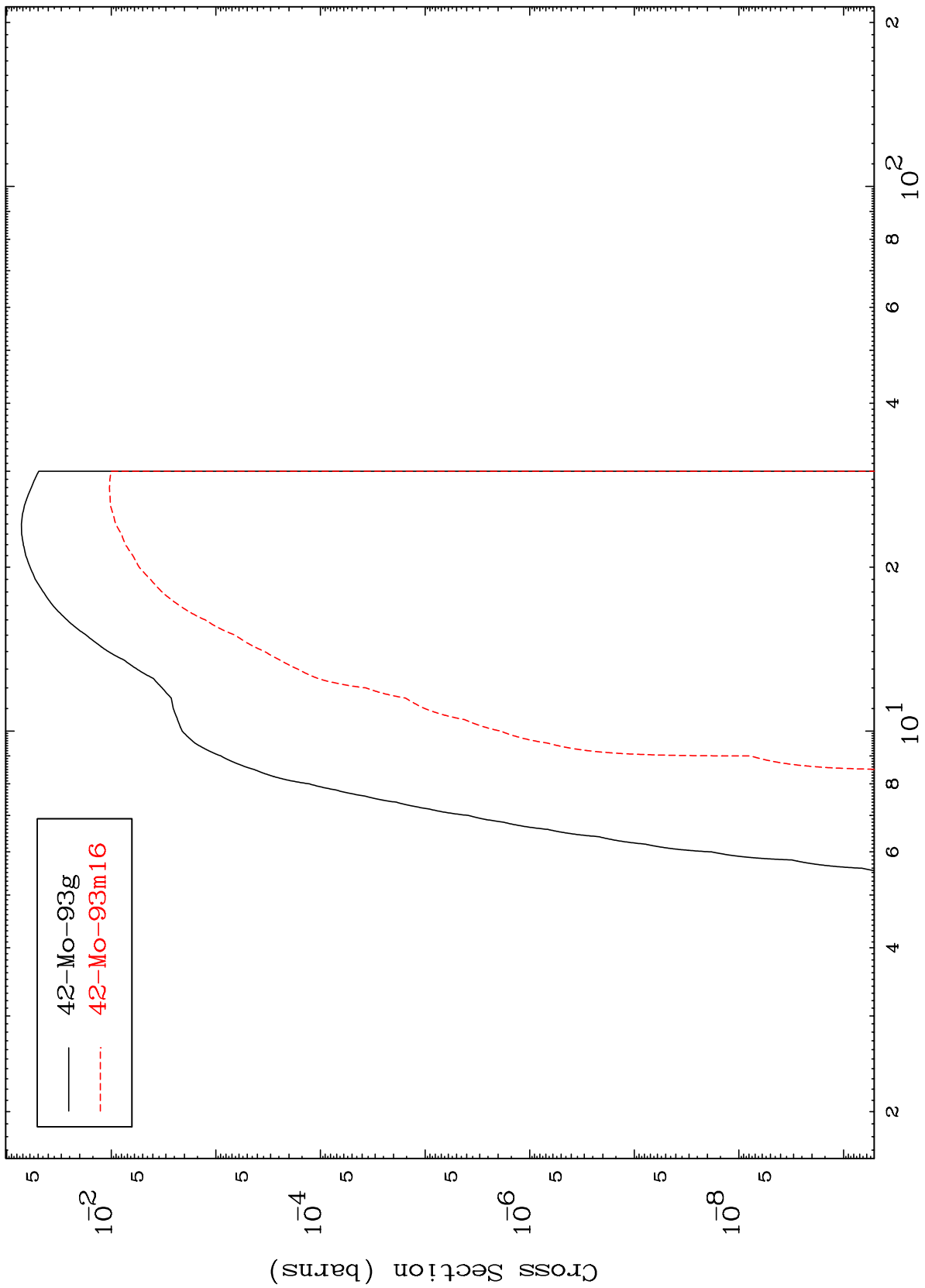


MAT 4428

(n,n') α

44-Ru-97

Radionuclide Production Cross Section



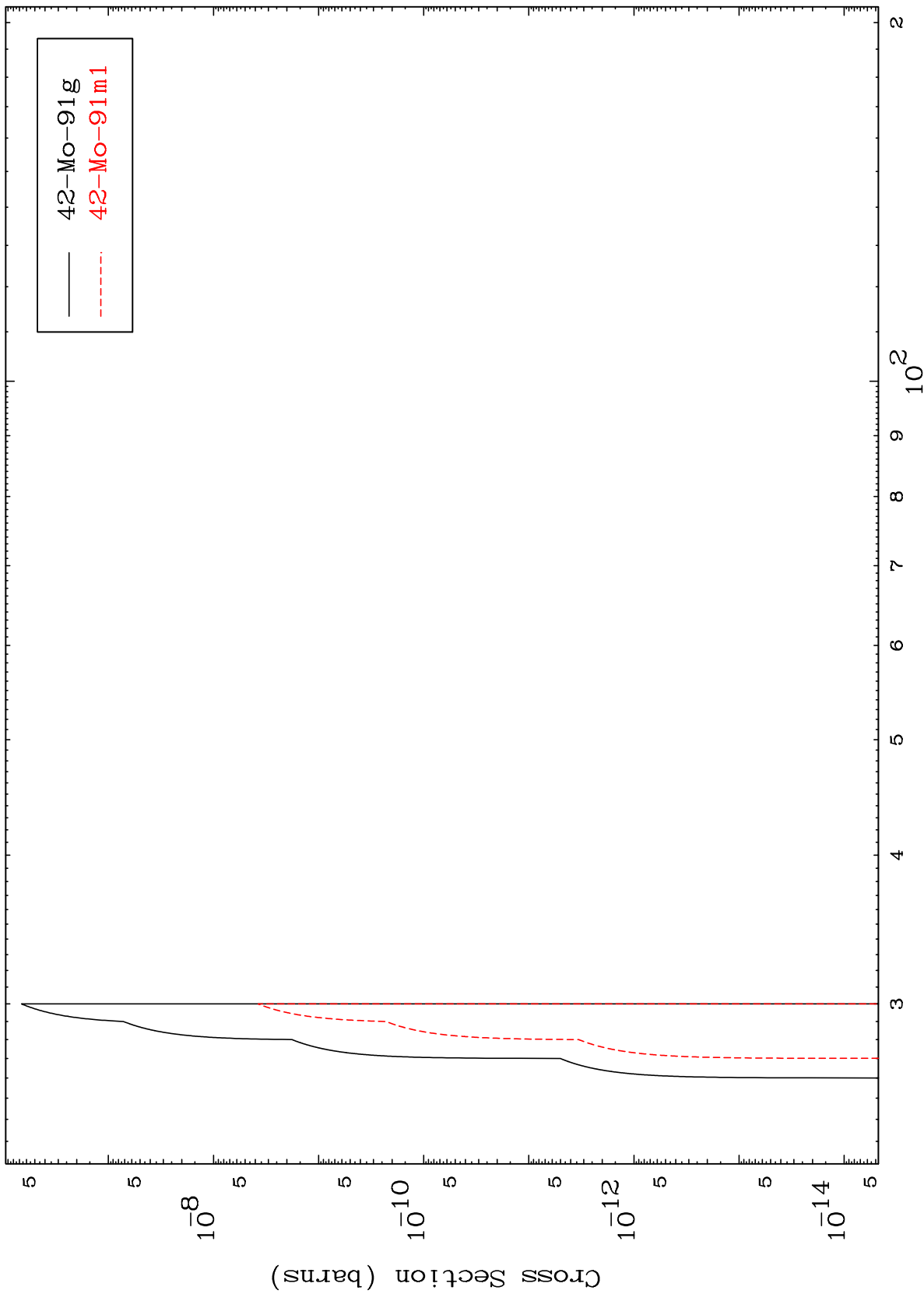
— 42-Mo-93g
- - - 42-Mo-93m16

137

Incident Energy (MeV)

44-Ru-97

Radionuclide Production Cross Section

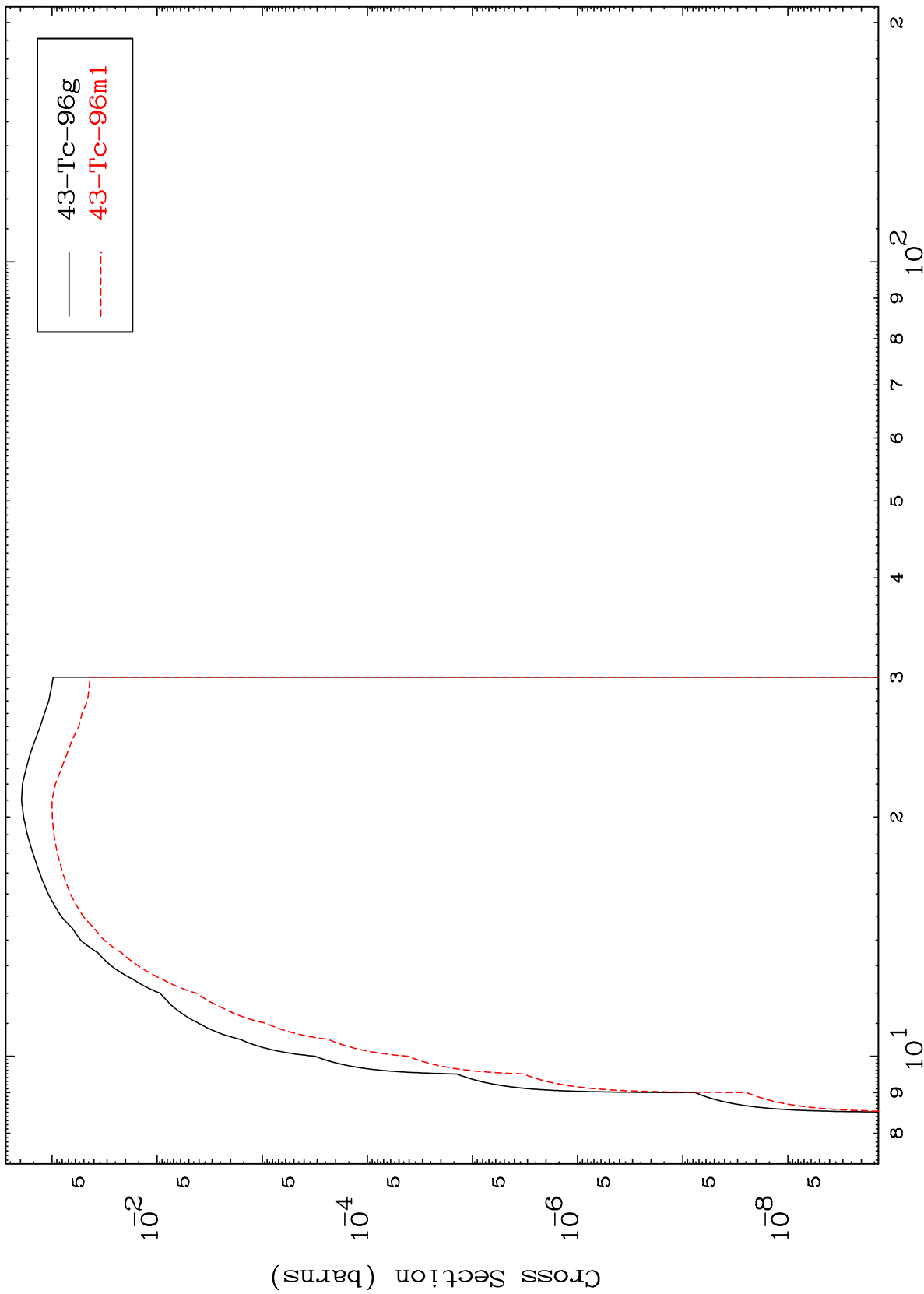


MAT 4428

(n,n') p

44-Ru-97

Radionuclide Production Cross Section



139

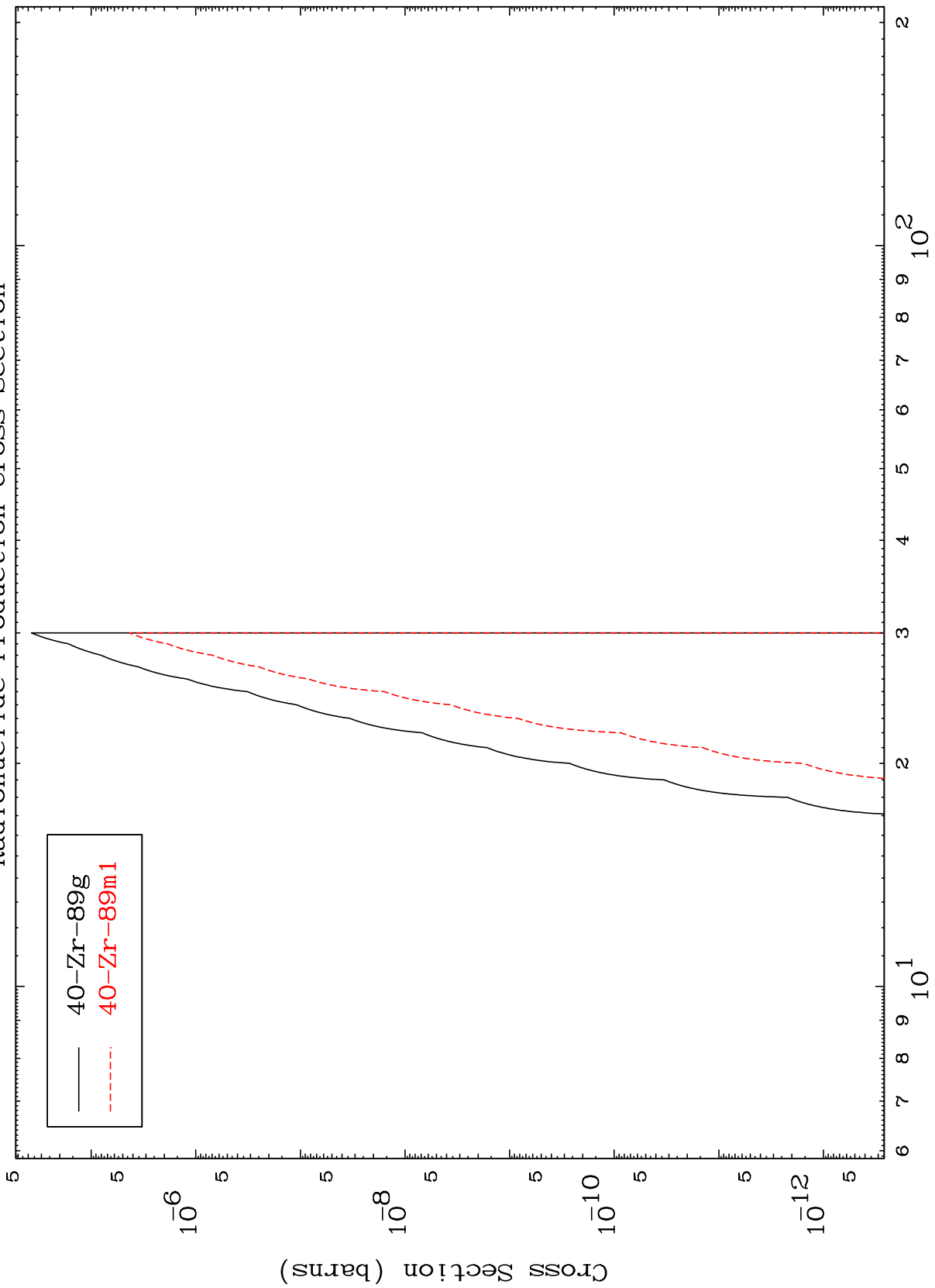
Incident Energy (MeV)

44-Ru-97

MAT 4428

44-Ru-97

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



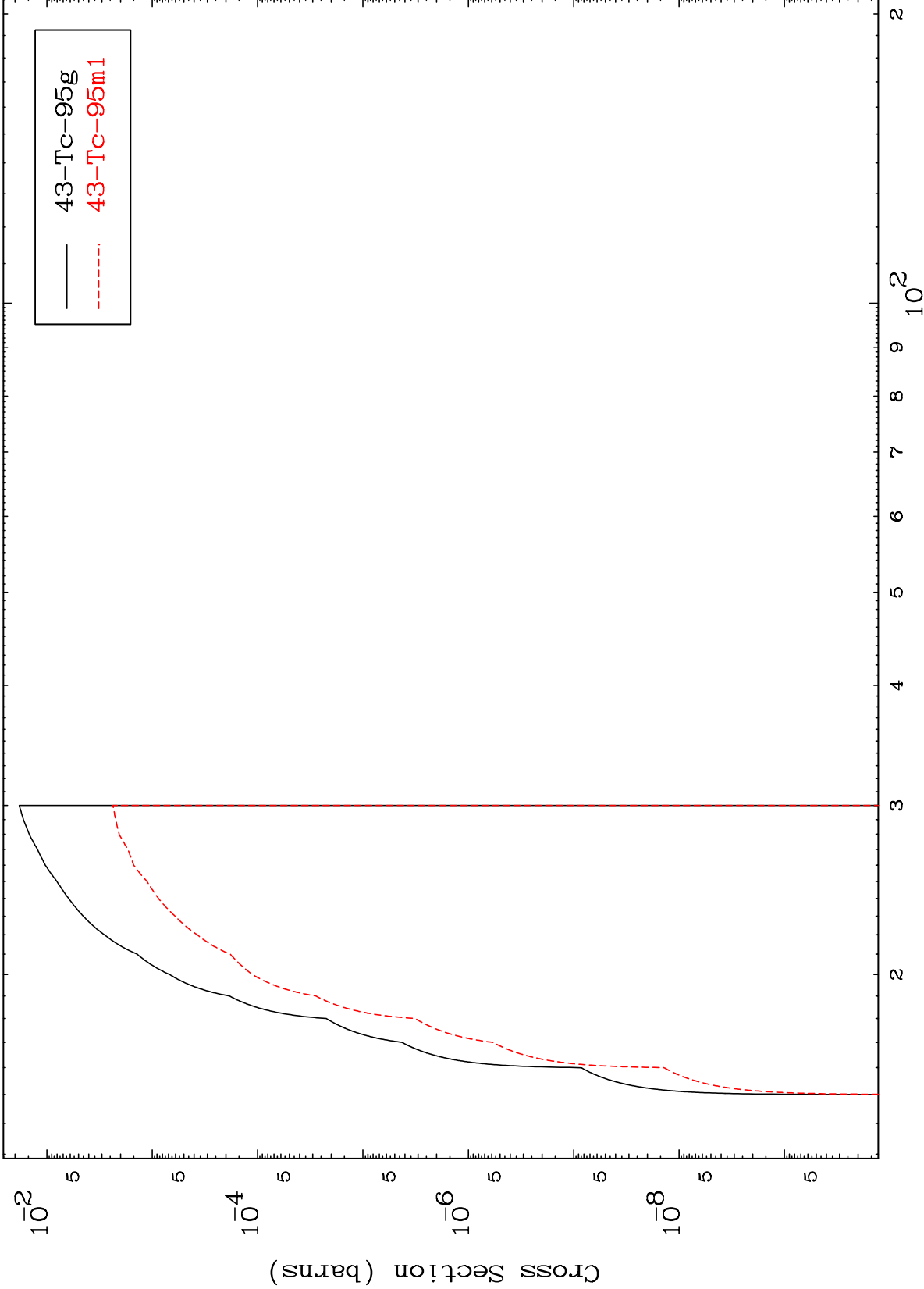
— 40-Zr-89g
- - - 40-Zr-89m1

140

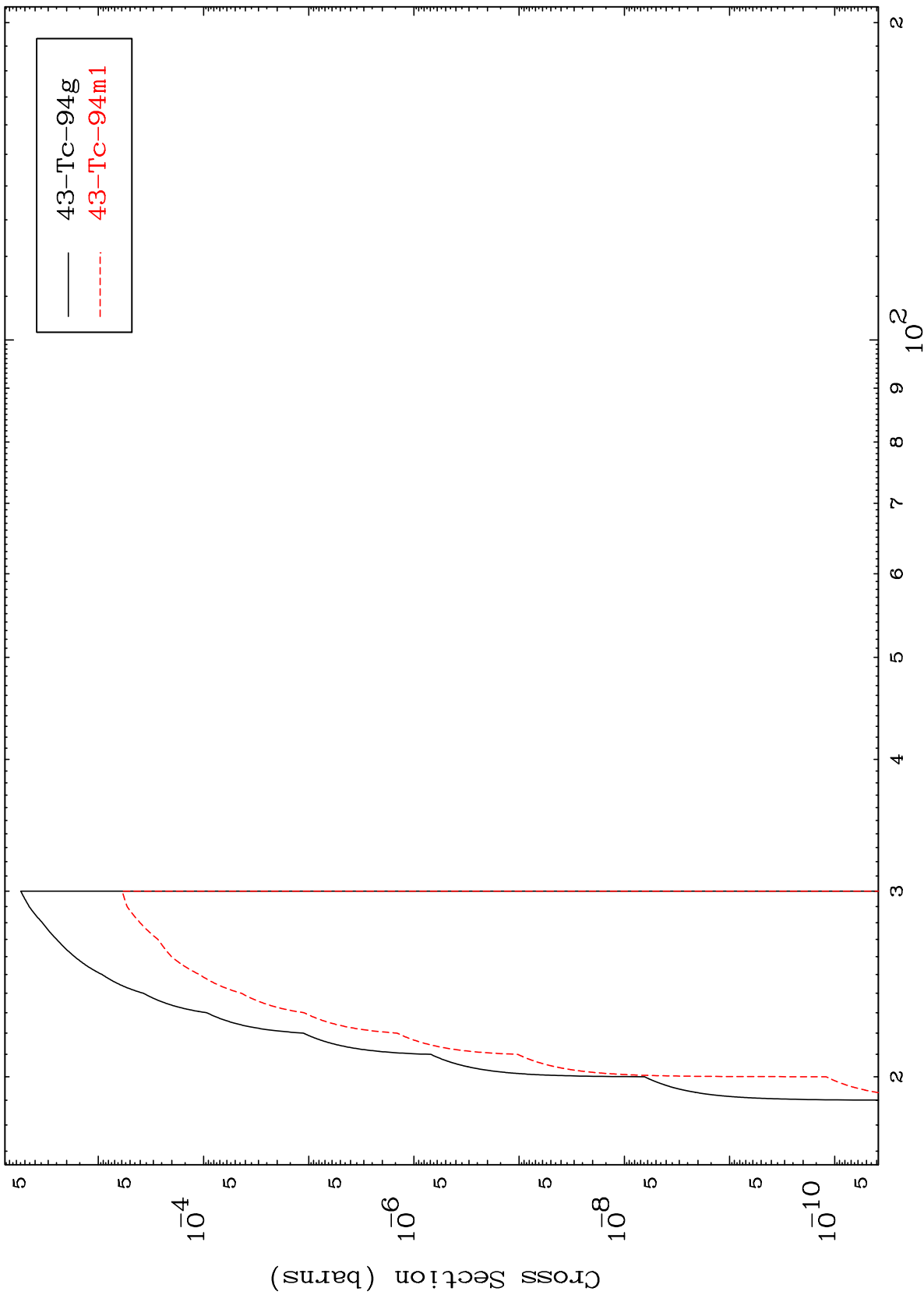
Incident Energy (MeV)

44-Ru-97

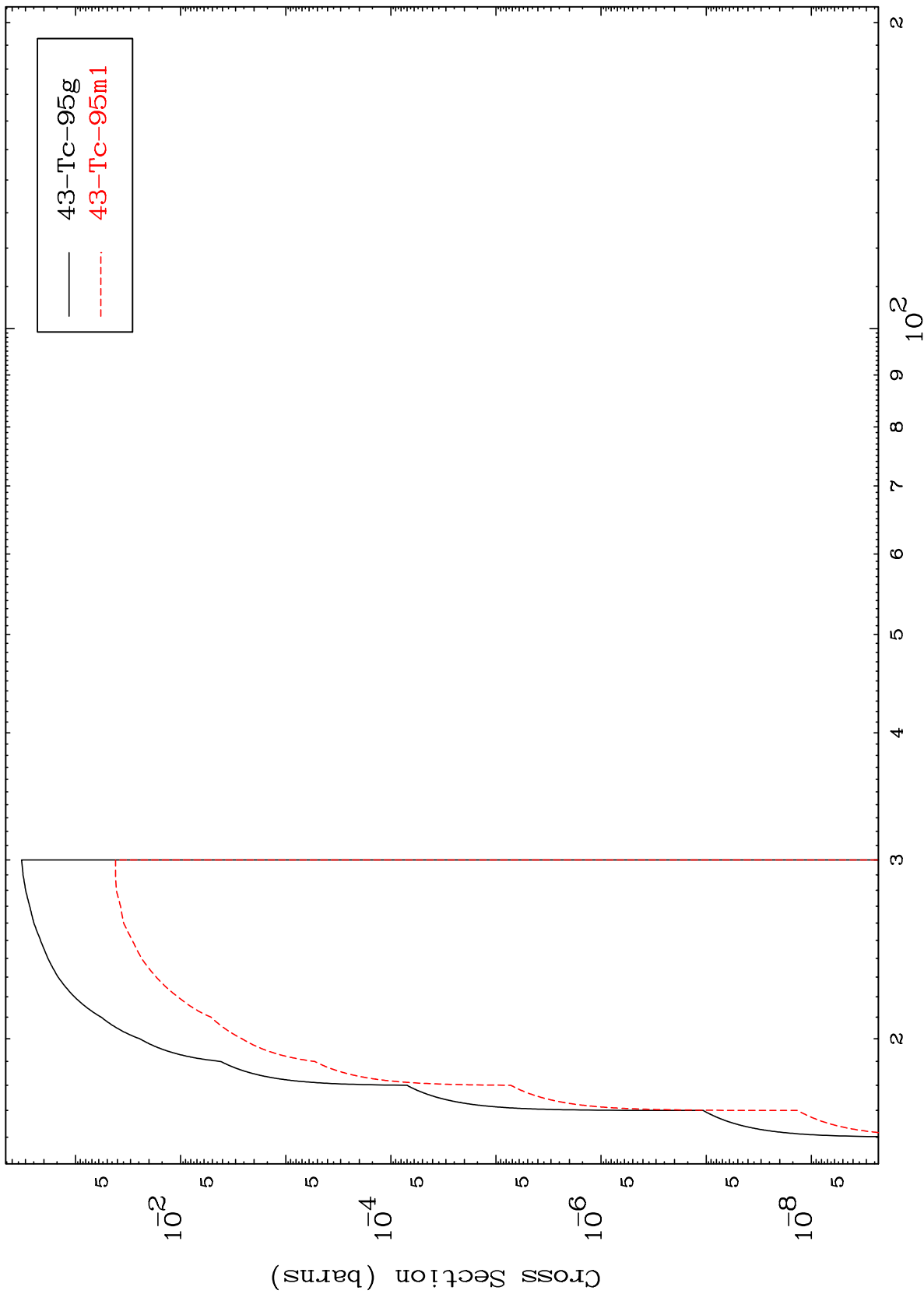
Radionuclide Production Cross Section



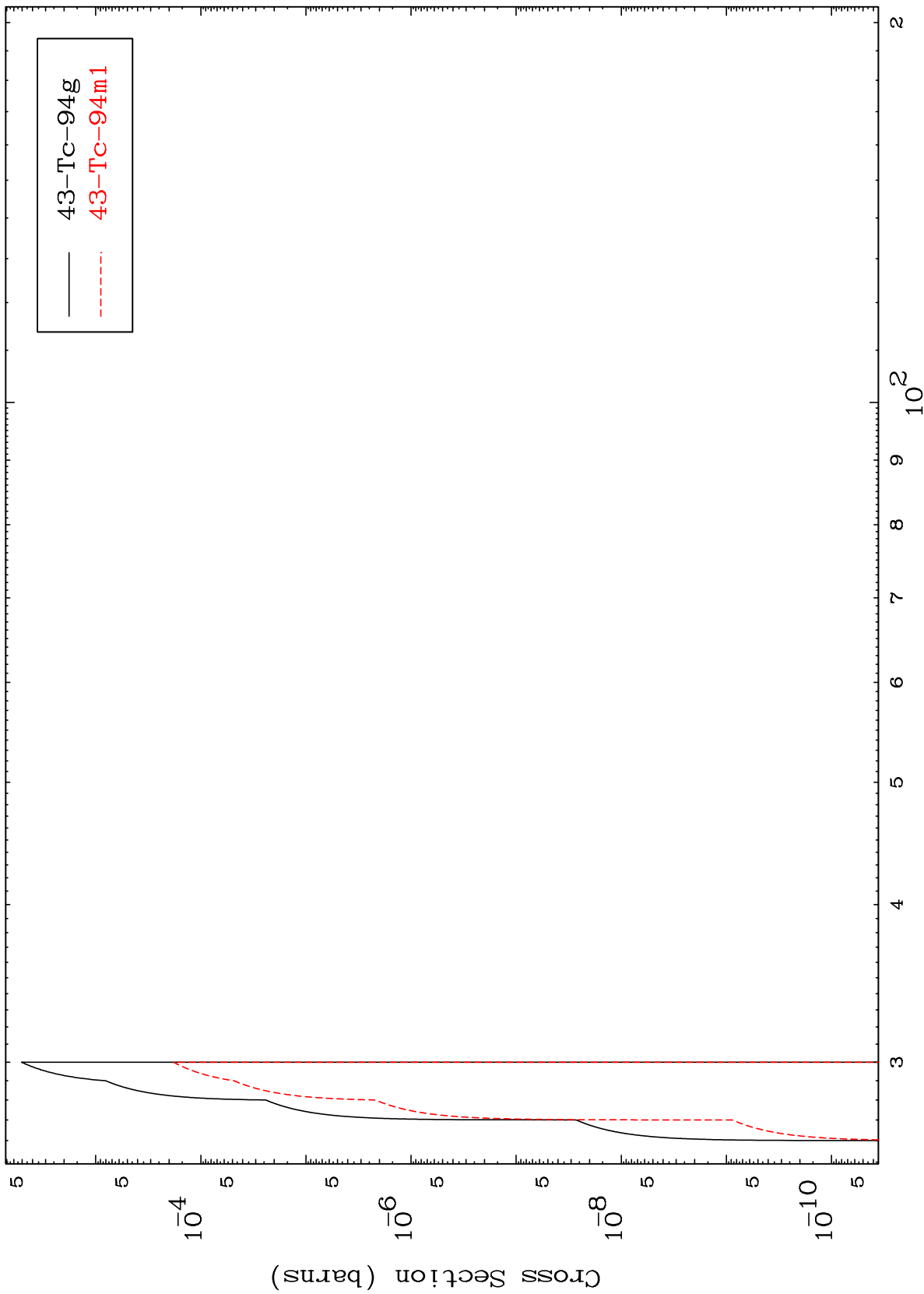
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section



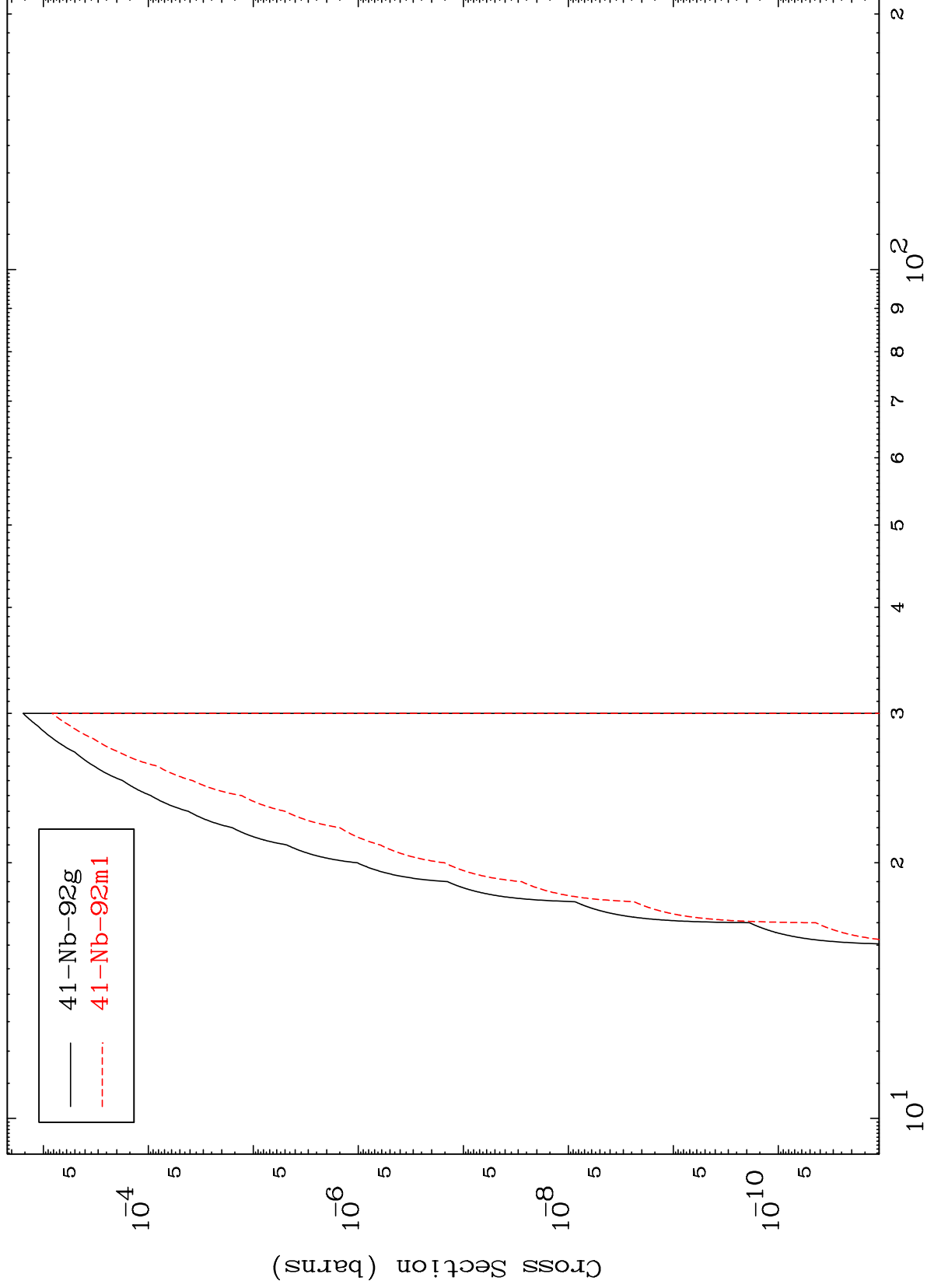
43-Tc-94g
43-Tc-94m1

MAT 4428

(n,n') p α

44-Ru-97

Radionuclide Production Cross Section



Incident Energy (MeV)

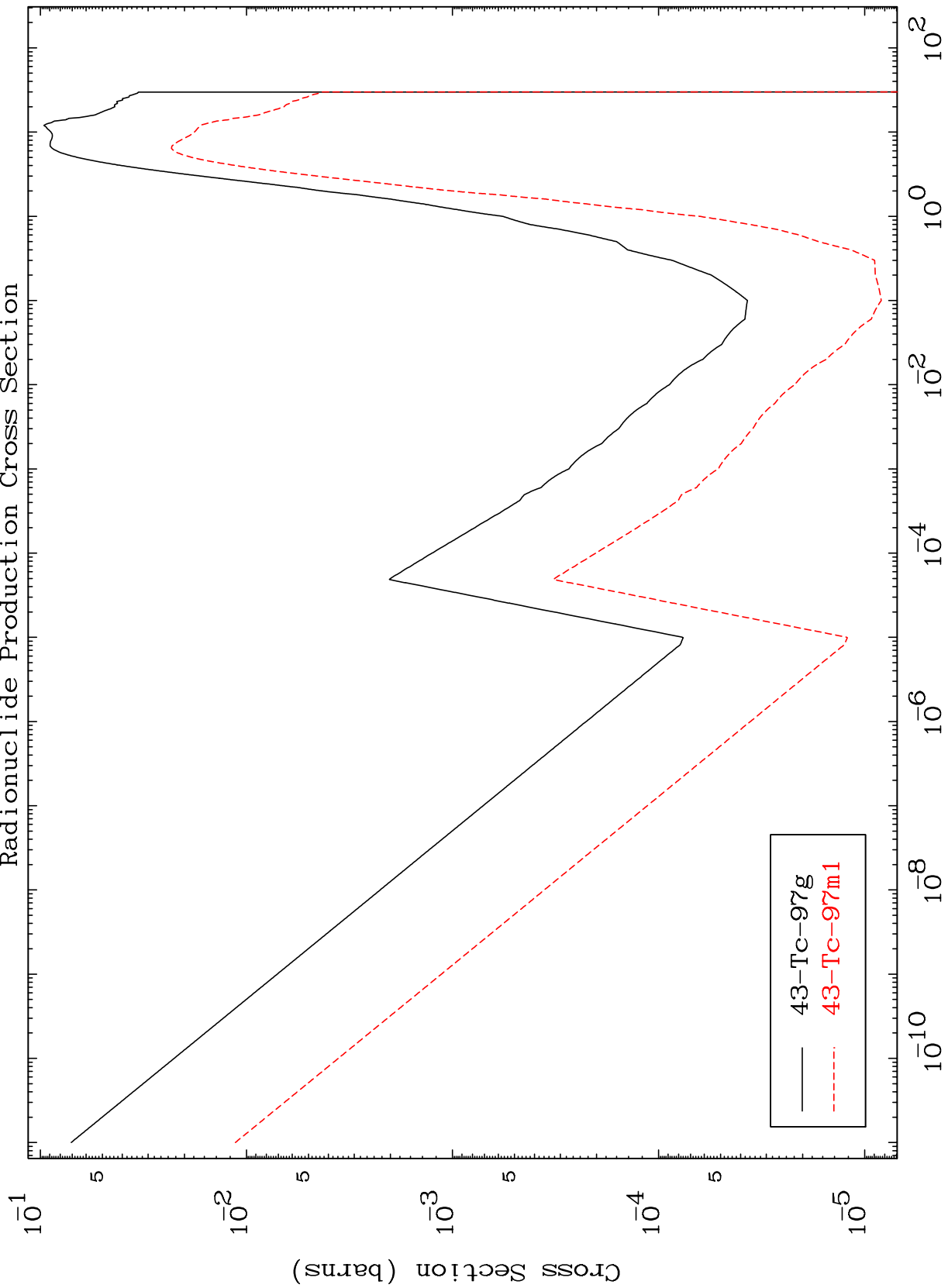
44-Ru-97

145

MAT 4428

44-Ru-97

(n,p)
Radionuclide Production Cross Section



— 43-Tc-97g
- - - 43-Tc-97m1

44-Ru-97

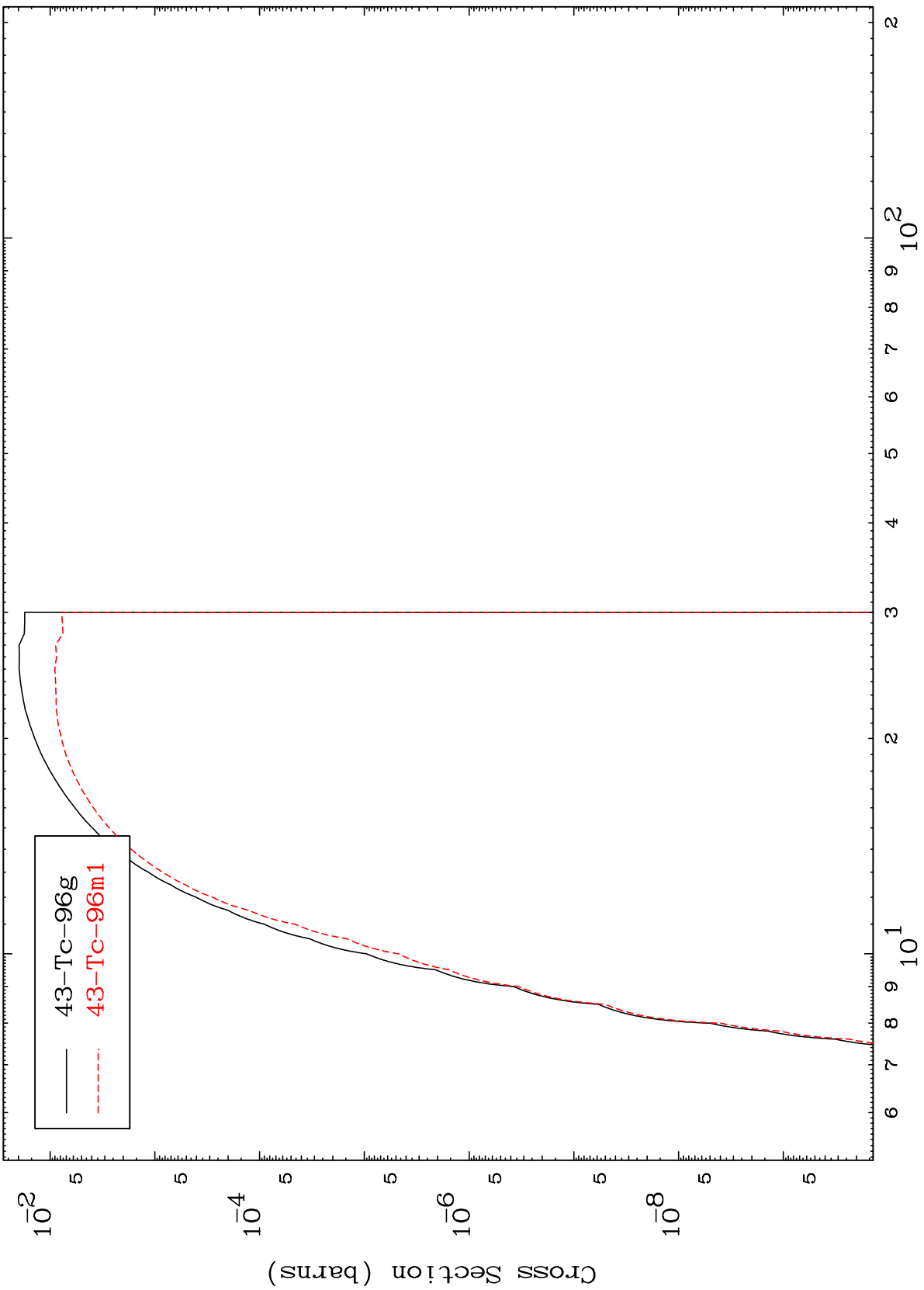
Incident Energy (MeV)

146

MAT 4428

44-Ru-97

(n,d)
Radionuclide Production Cross Section



147

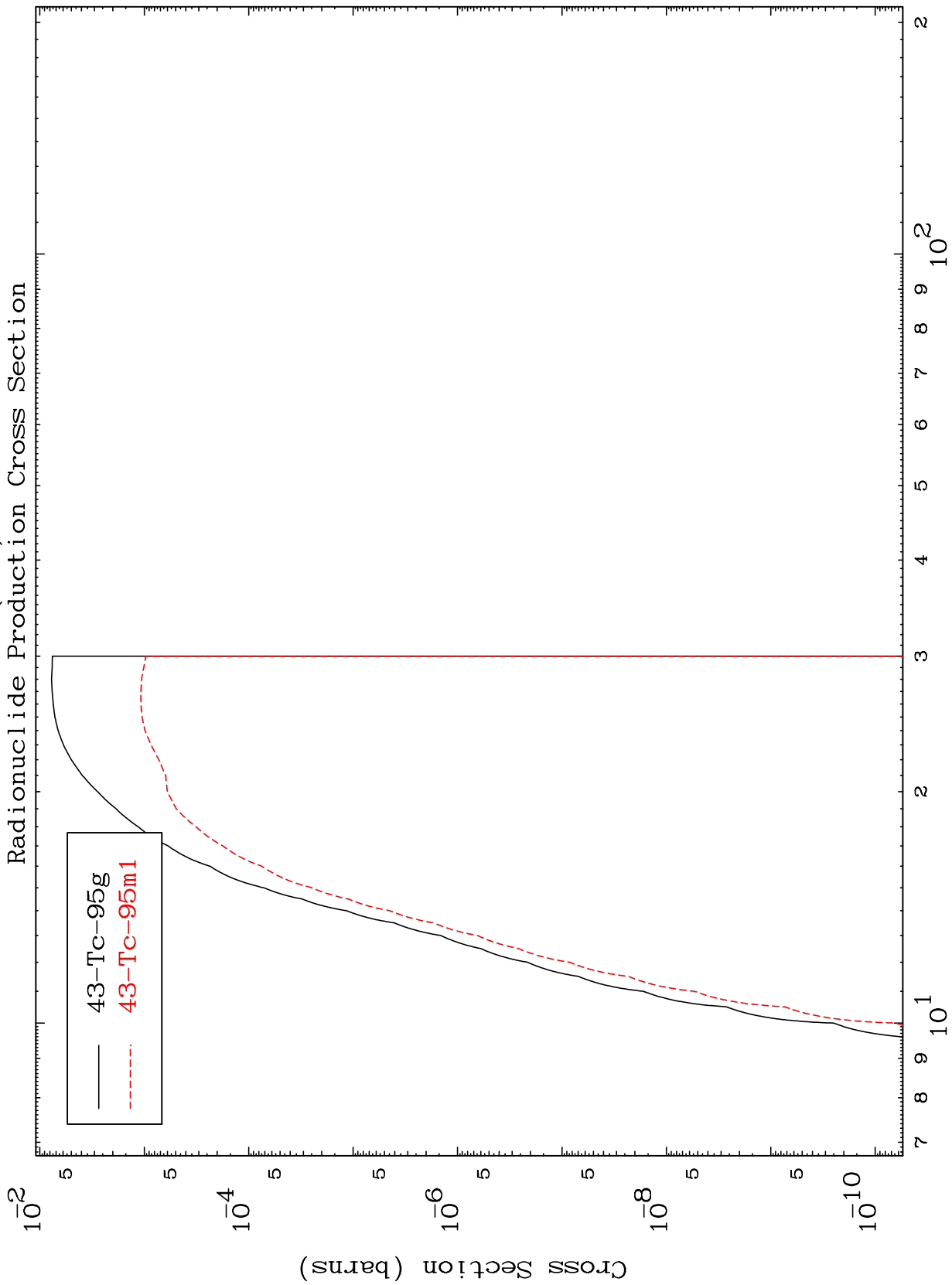
Incident Energy (MeV)

44-Ru-97

MAT 4428

44-Ru-97

(n, t)
Radionuclide Production Cross Section



44-Ru-97

Incident Energy (MeV)

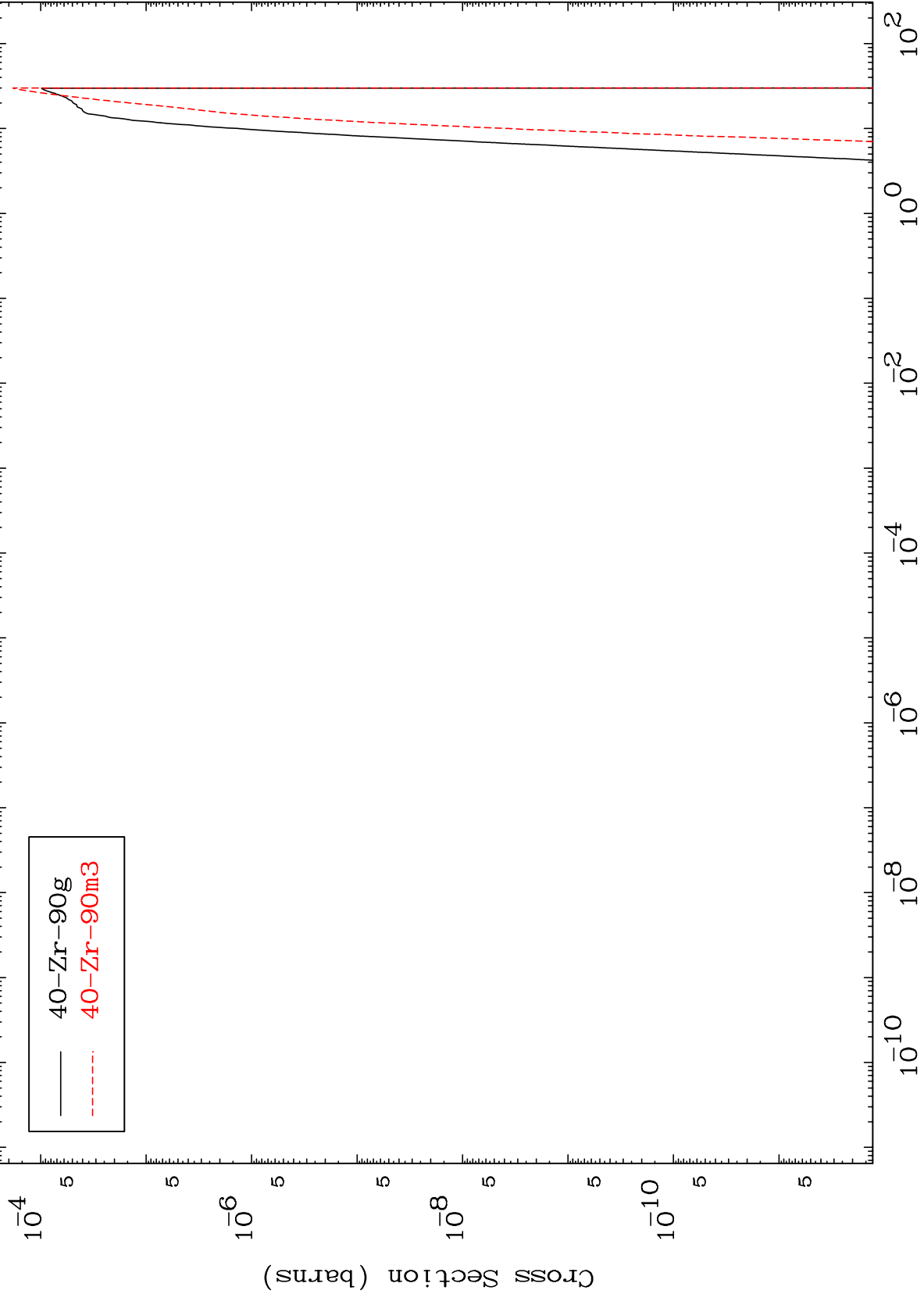
148

MAT 4428

(n,2α)

44-Ru-97

Radionuclide Production Cross Section

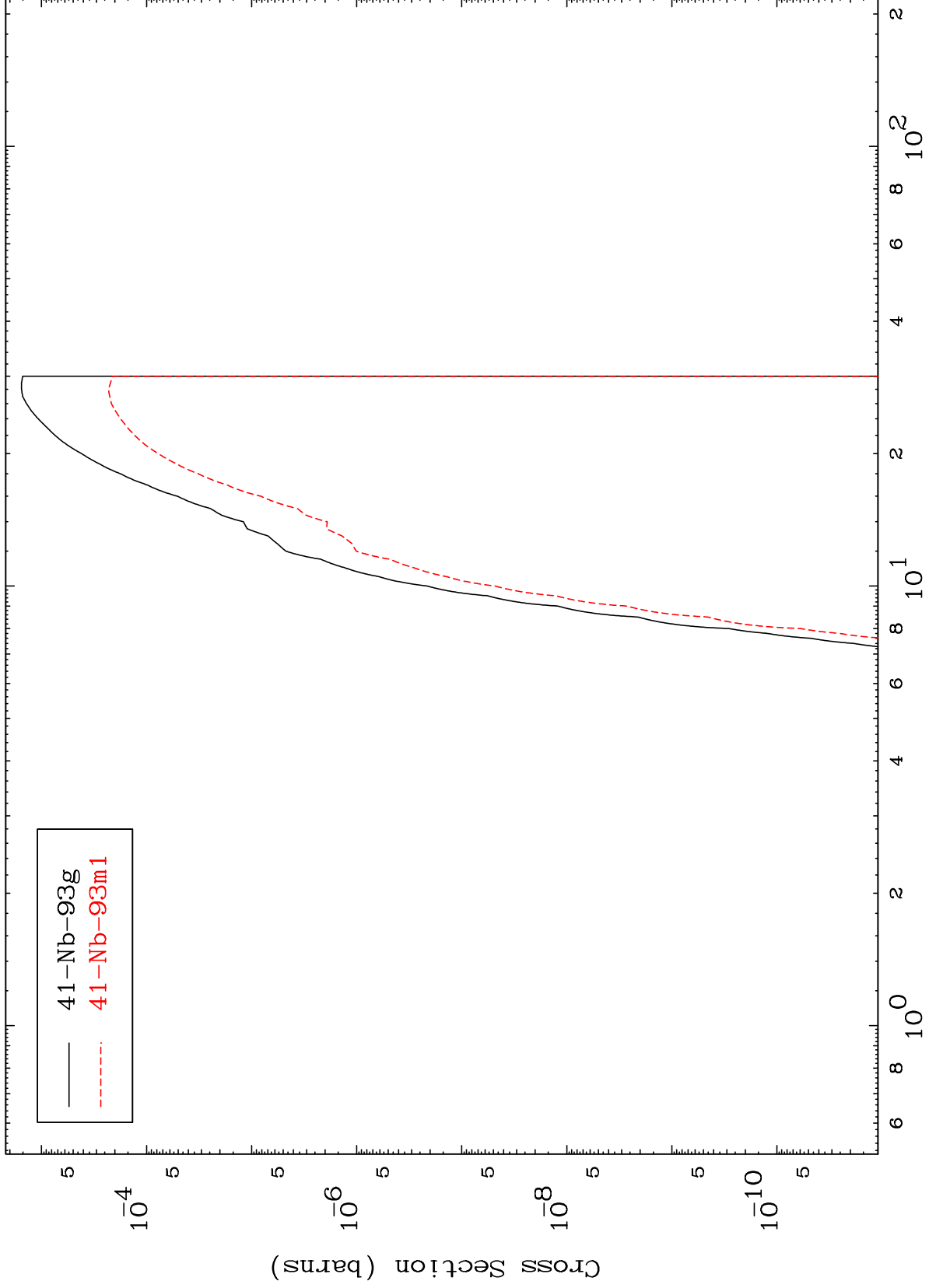


MAT 4428

(n,p) α

44-Ru-97

Radionuclide Production Cross Section



150

Incident Energy (MeV)

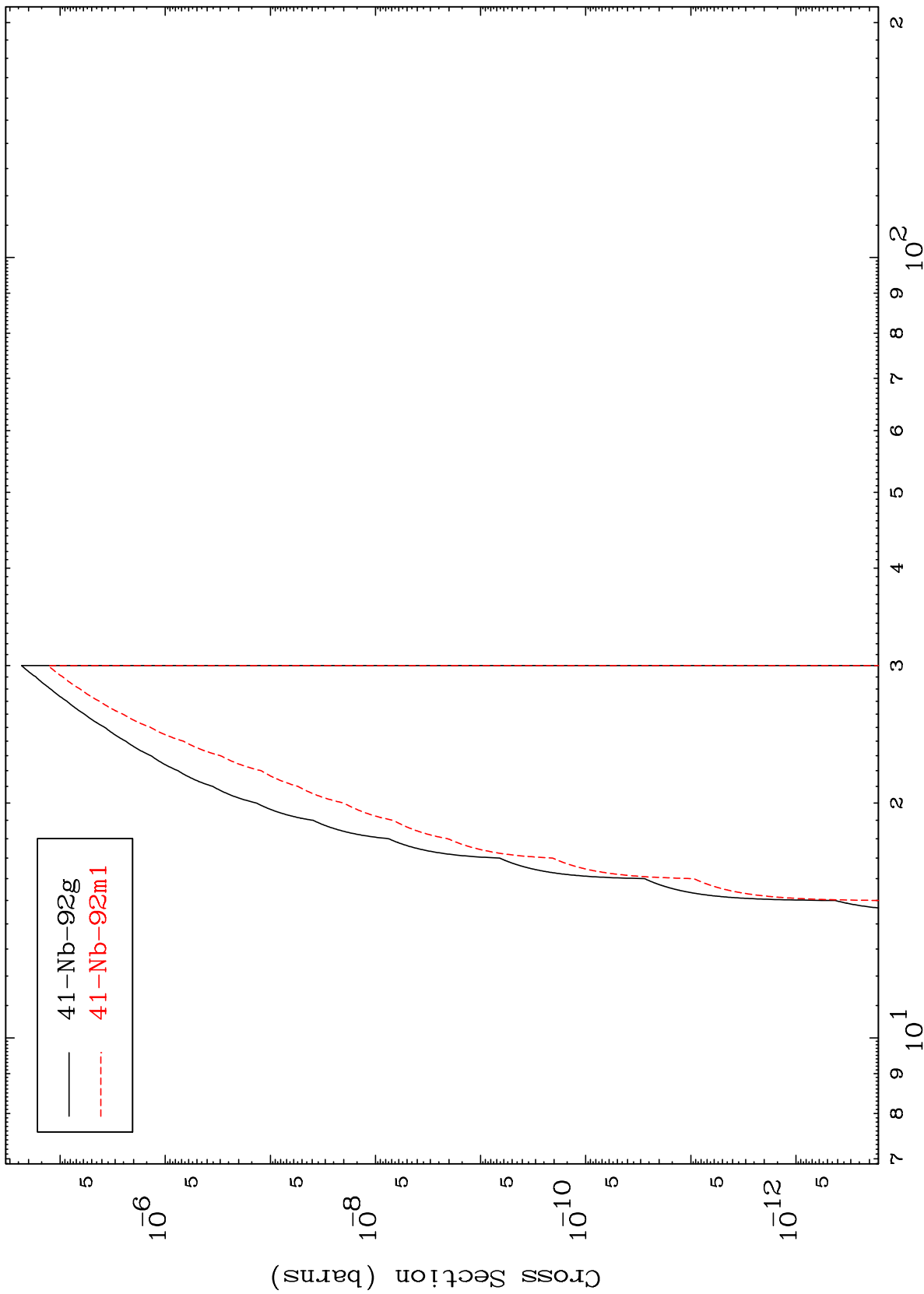
44-Ru-97

MAT 4428

(n,d) α

44-Ru-97

Radionuclide Production Cross Section



41-Nb-92g
41-Nb-92m1

151

Incident Energy (MeV)

44-Ru-97