

Program EVALPLOT
(Version 2018-1)

by

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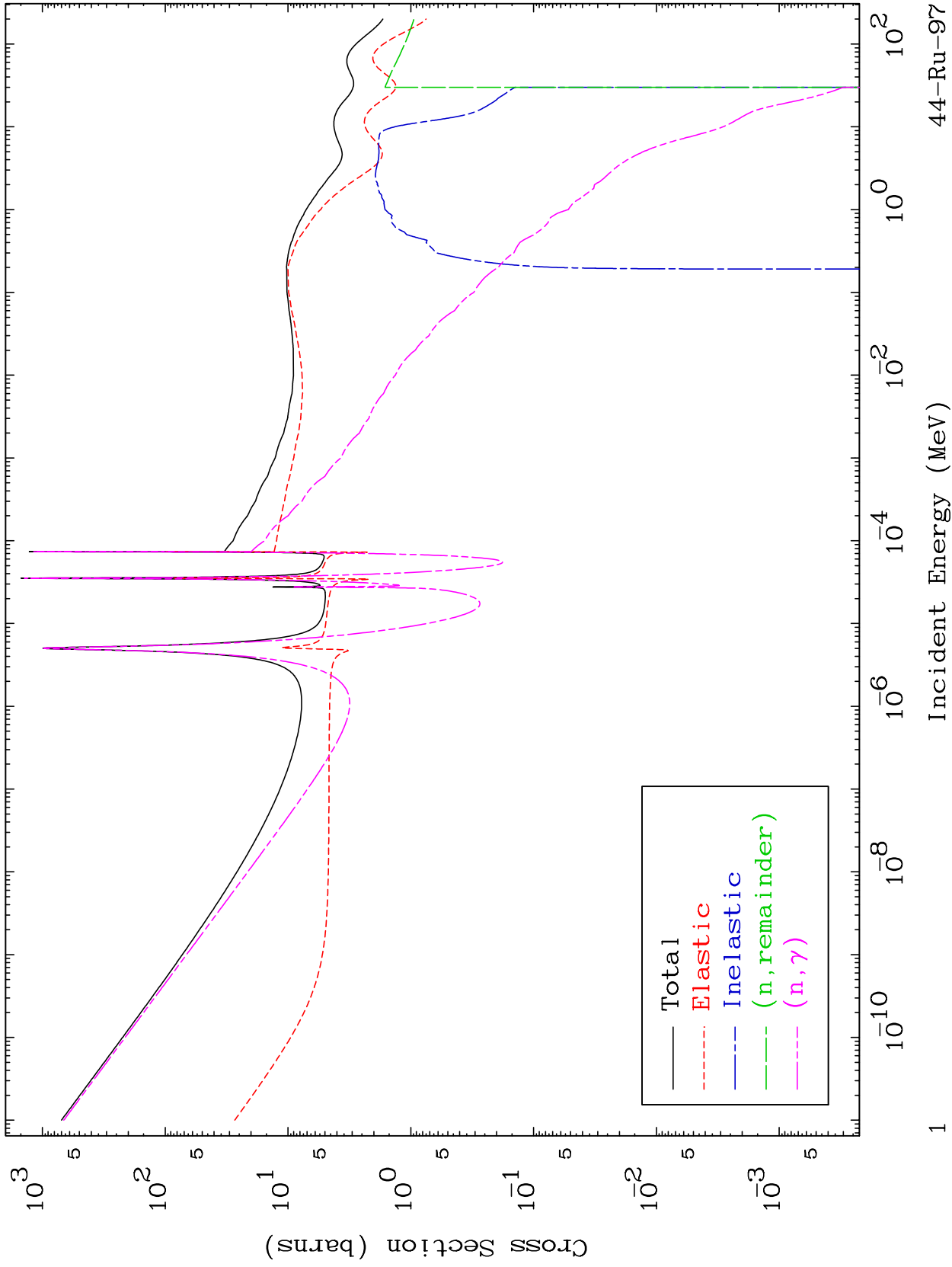
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Press Mouse Button to Start

MAT 4428

Major
293 Kelvin Cross Sections

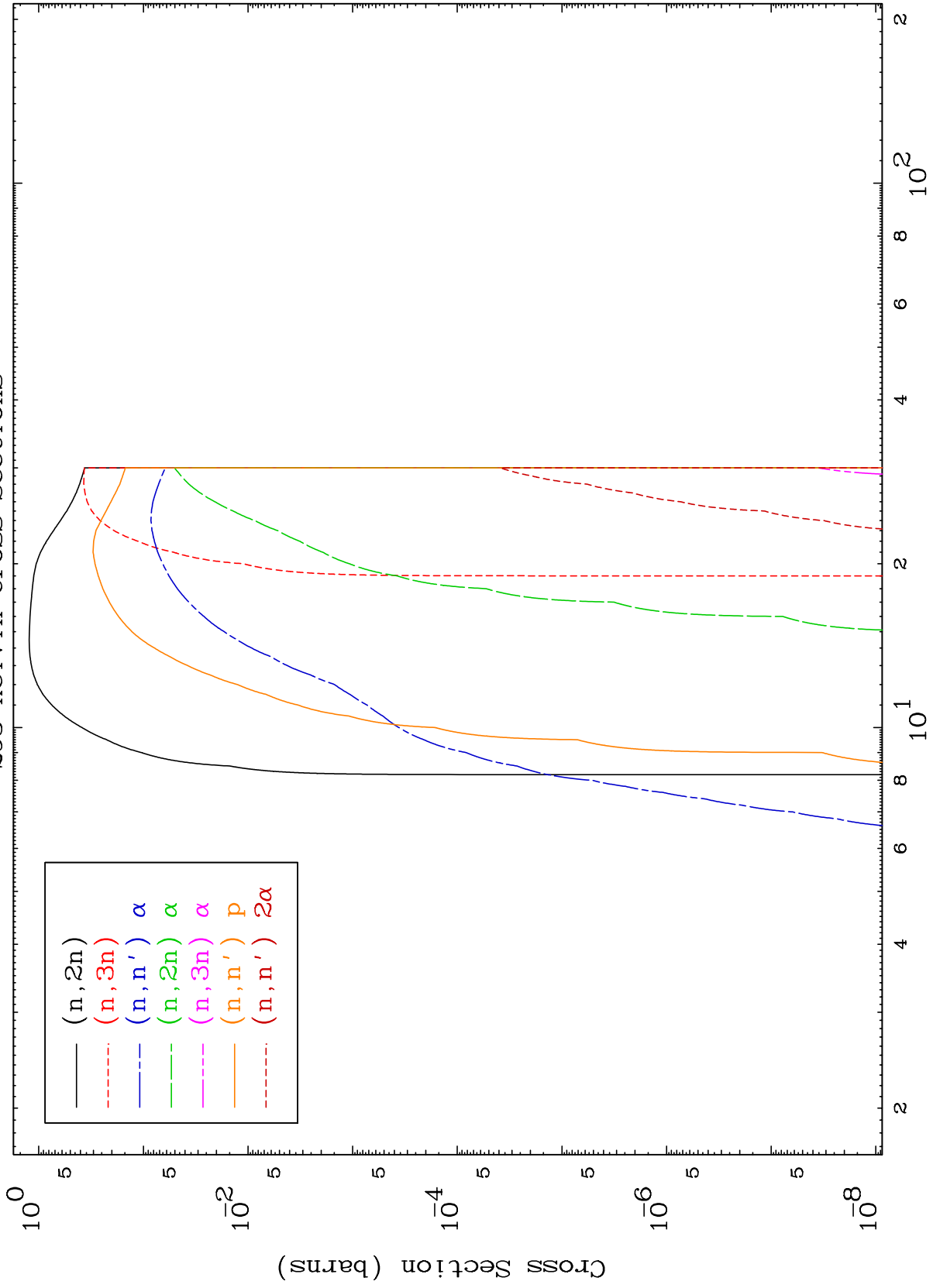
44-Ru-97



MAT 4428

Neutron Production
293 Kelvin Cross Sections

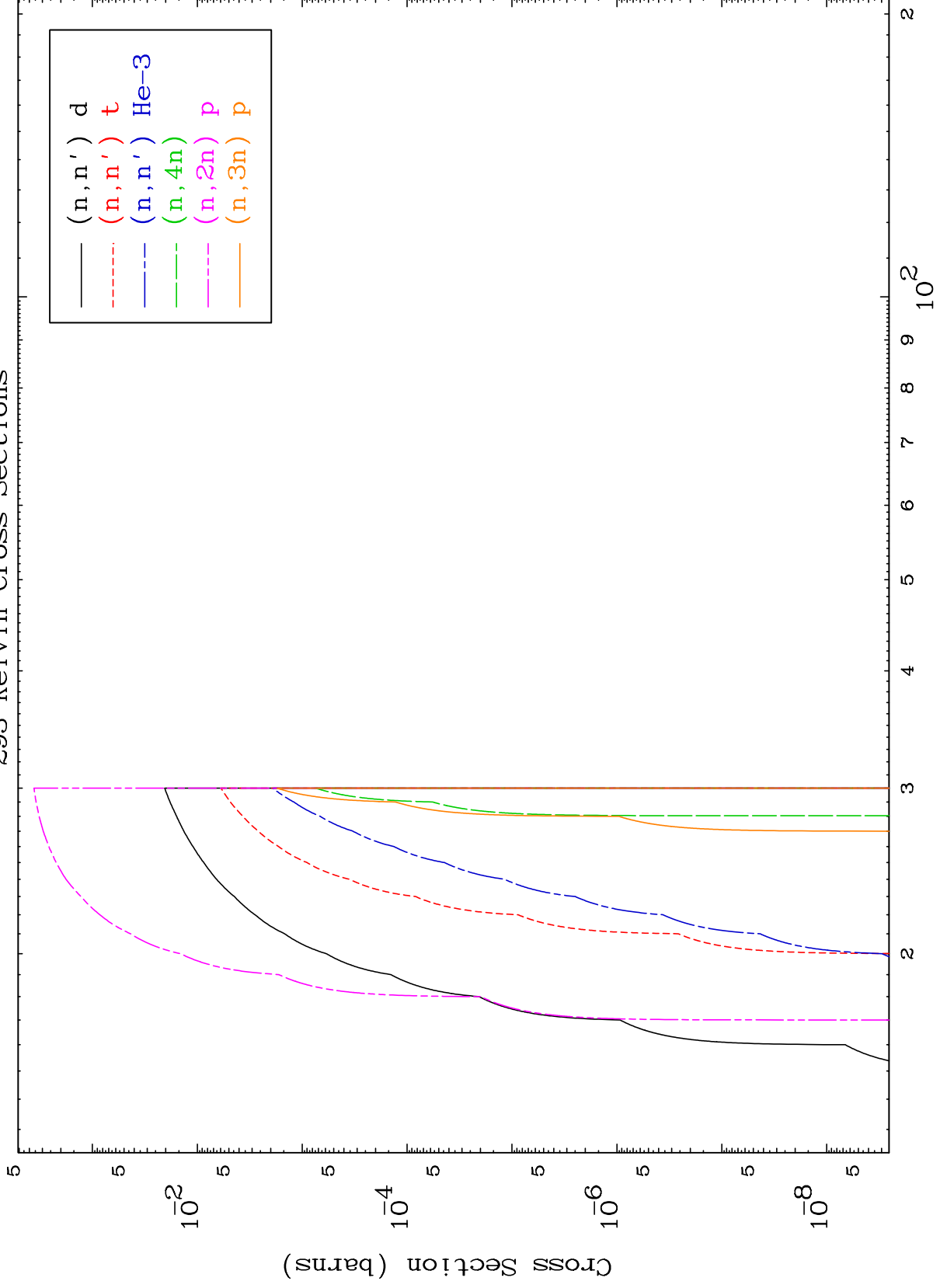
44-Ru-97

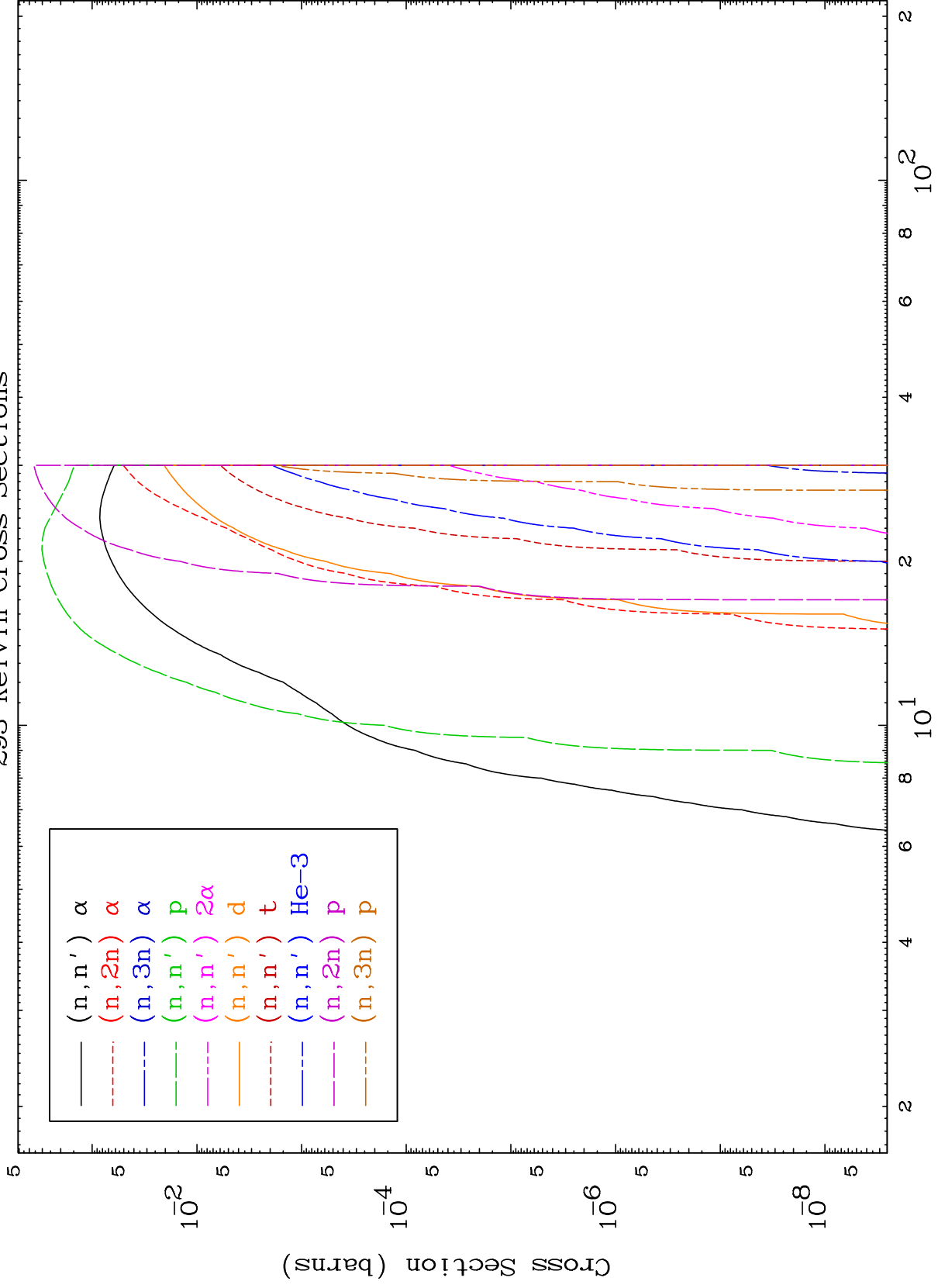


44-Ru-97

Incident Energy (MeV)

2

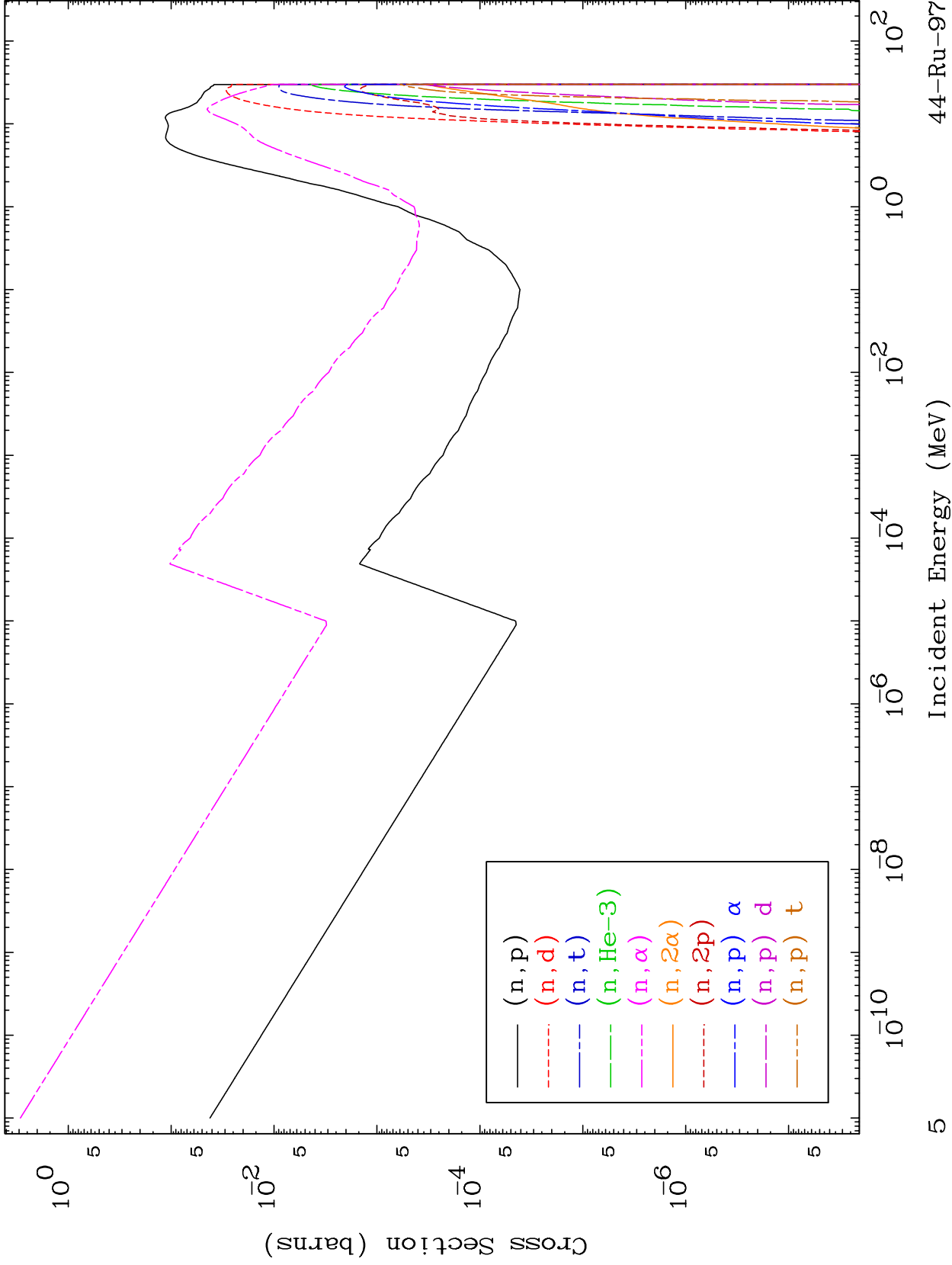




MAT 4428

Charged Particle
293 Kelvin Cross Sections

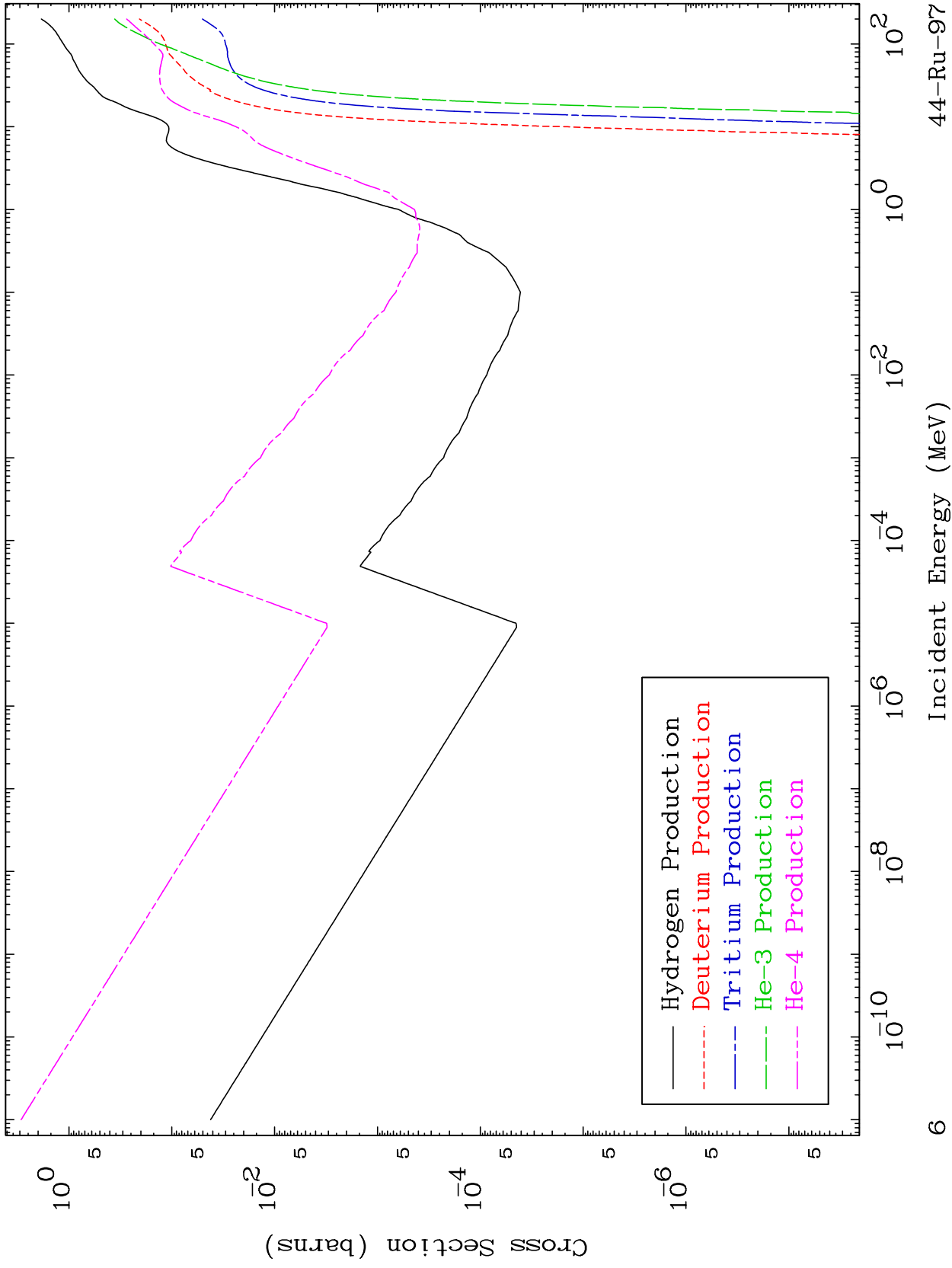
44-Ru-97



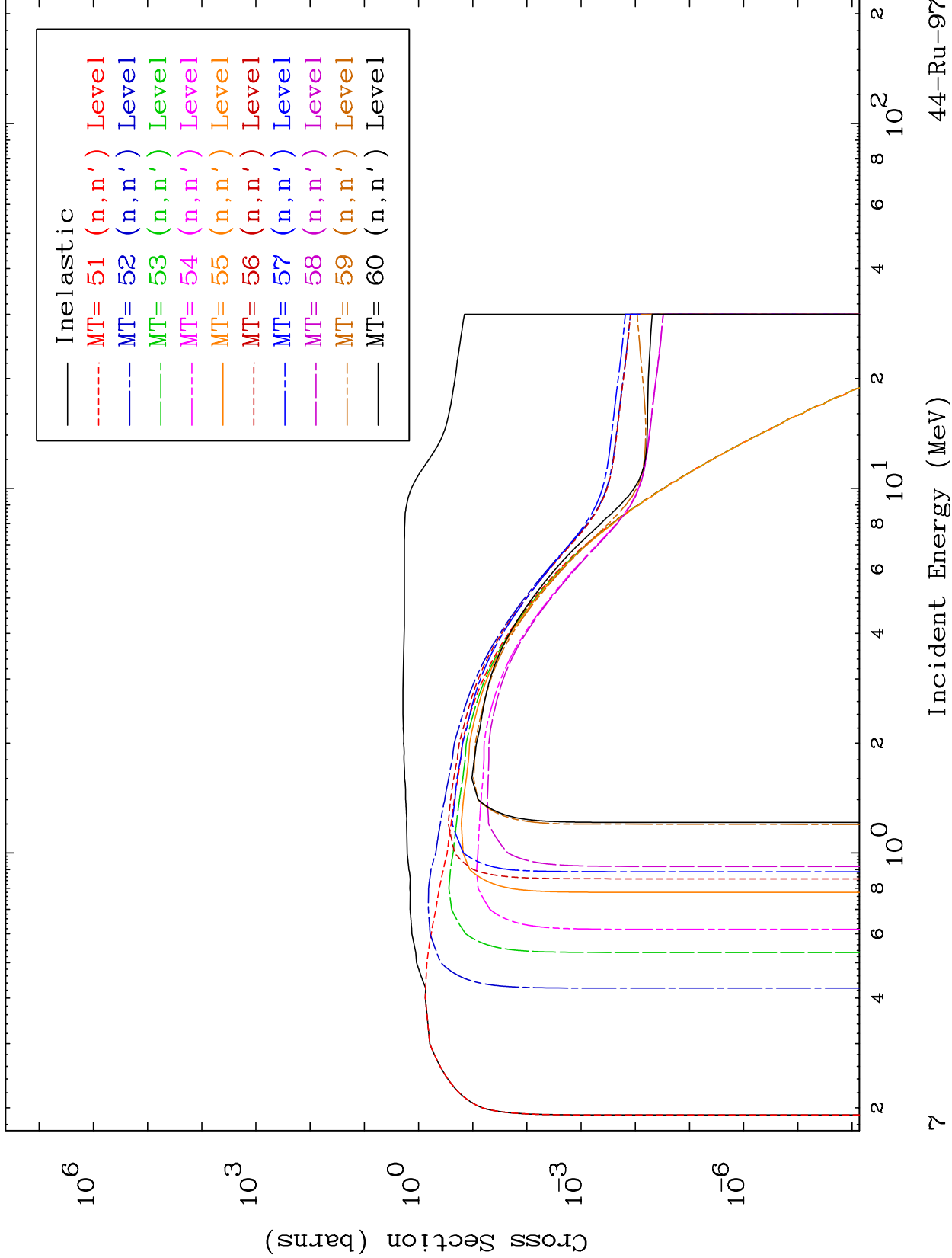
MAT 4428

Particle Production
293 Kelvin Cross Sections

44-Ru-97



293 Kelvin Cross Sections

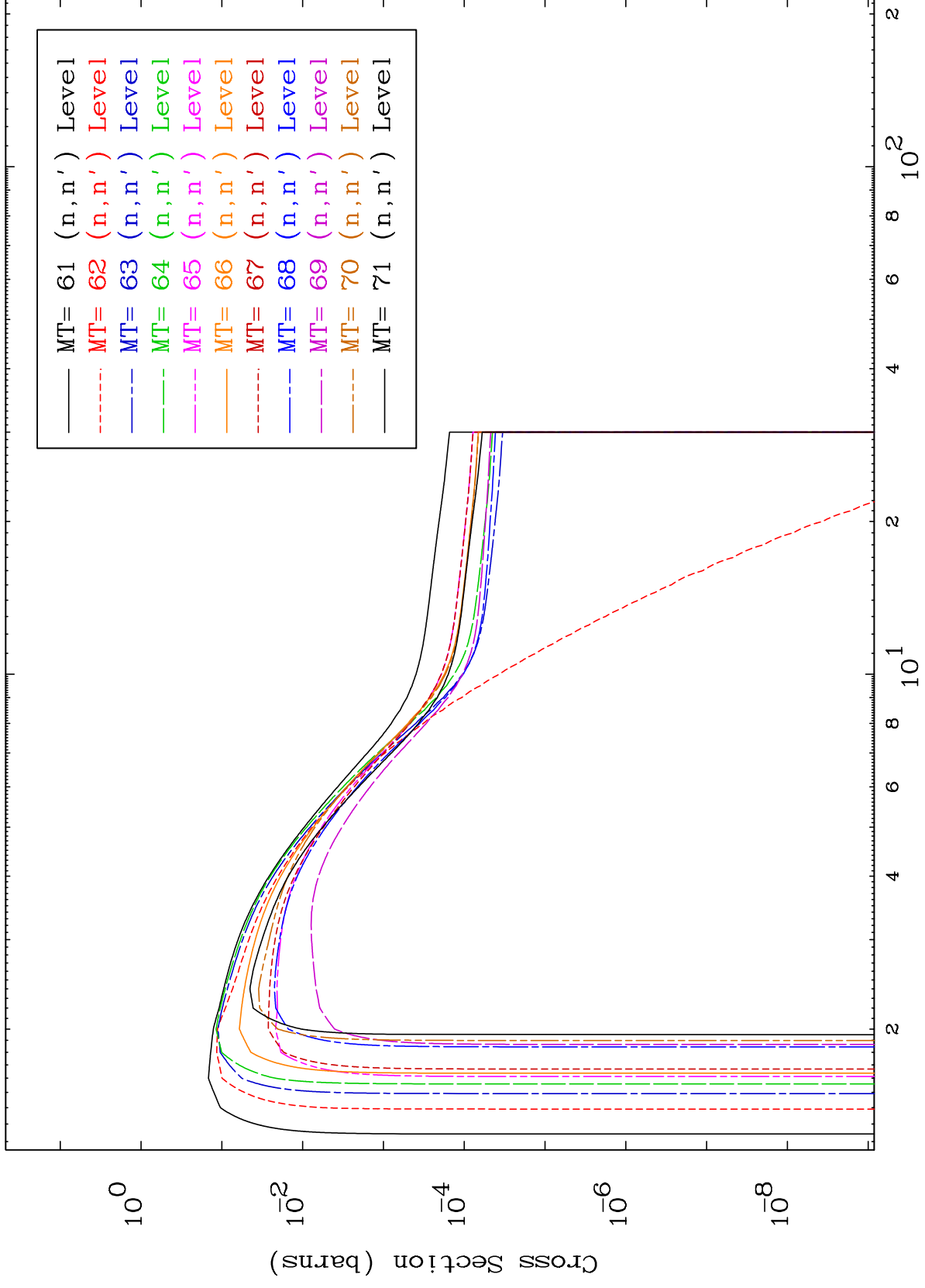


MAT 4428

(n,n') Level

44-Ru-97

293 Kelvin Cross Sections



8

Incident Energy (MeV)

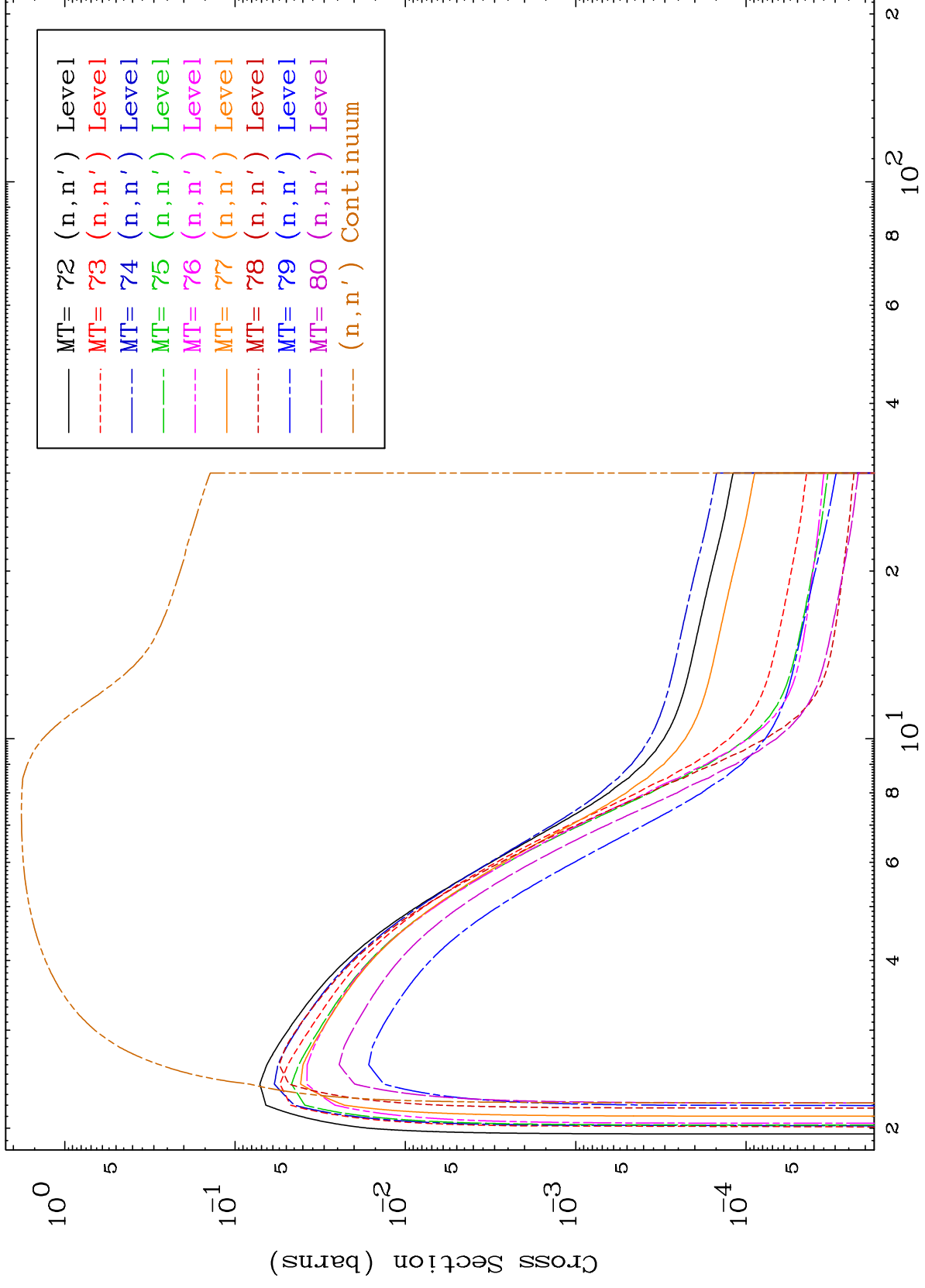
44-Ru-97

MAT 4428

(n,n') Level

44-Ru-97

293 Kelvin Cross Sections



9

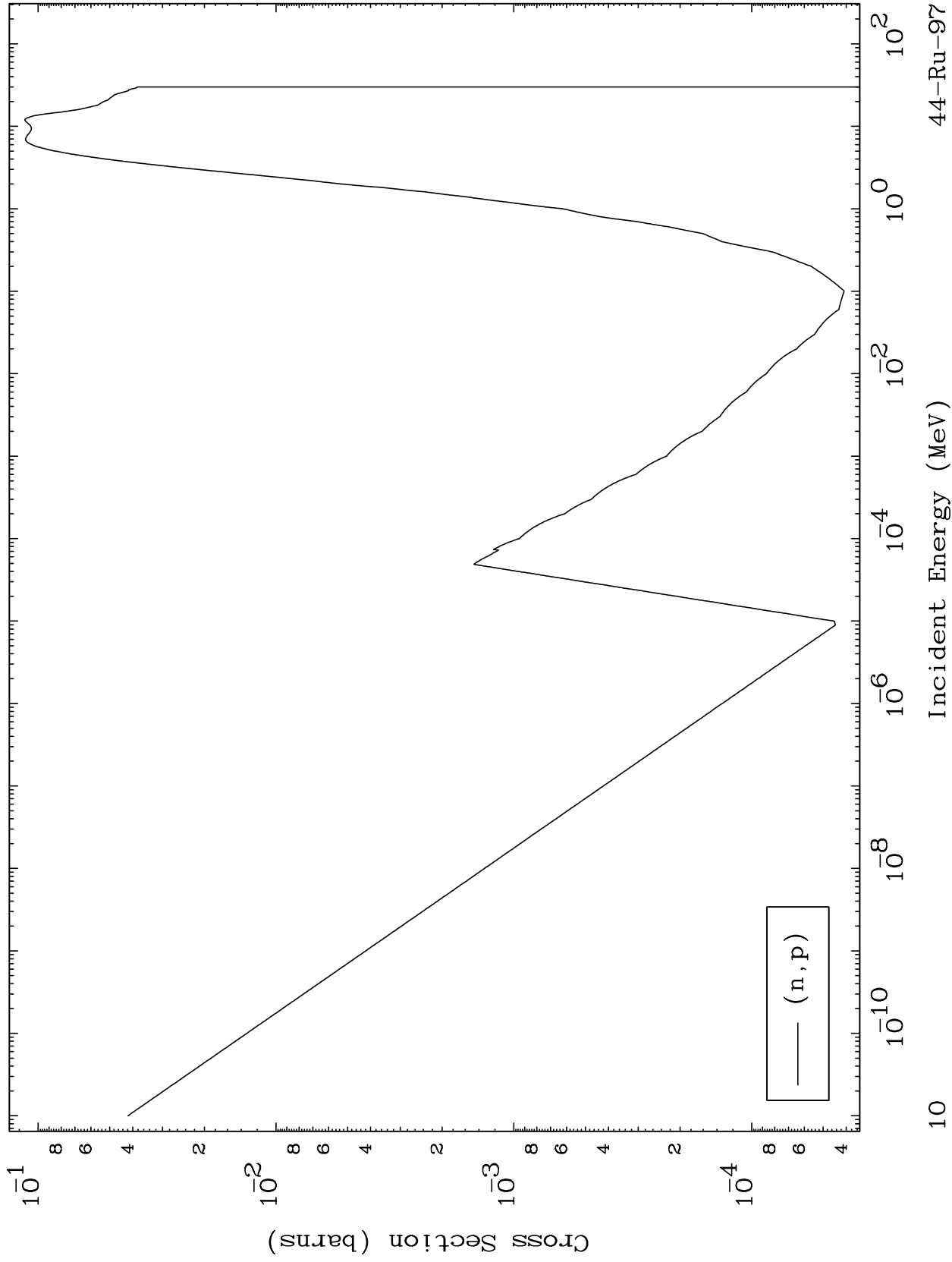
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,p) Levels
293 Kelvin Cross Sections

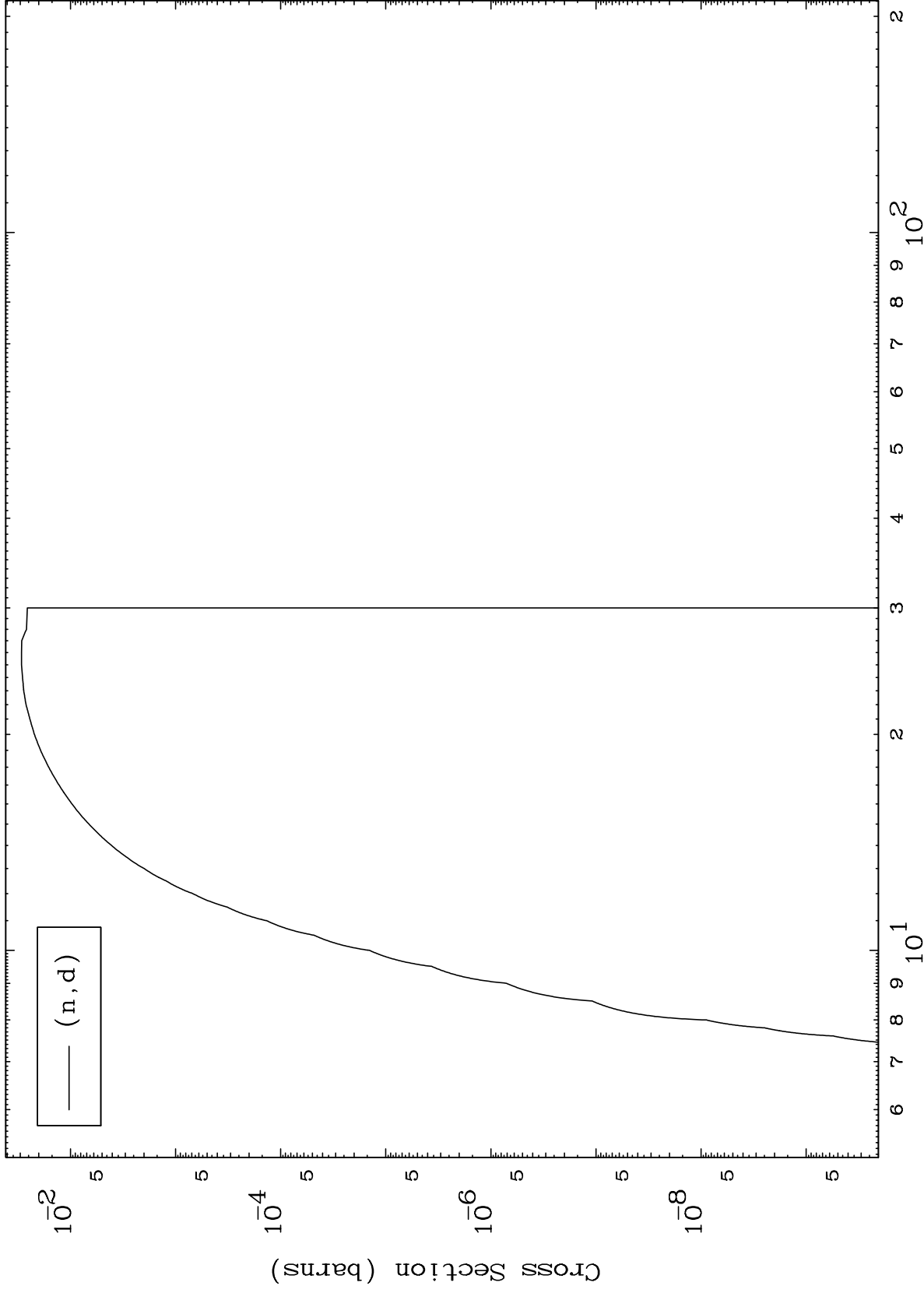
44-Ru-97



MAT 4428

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-97



11

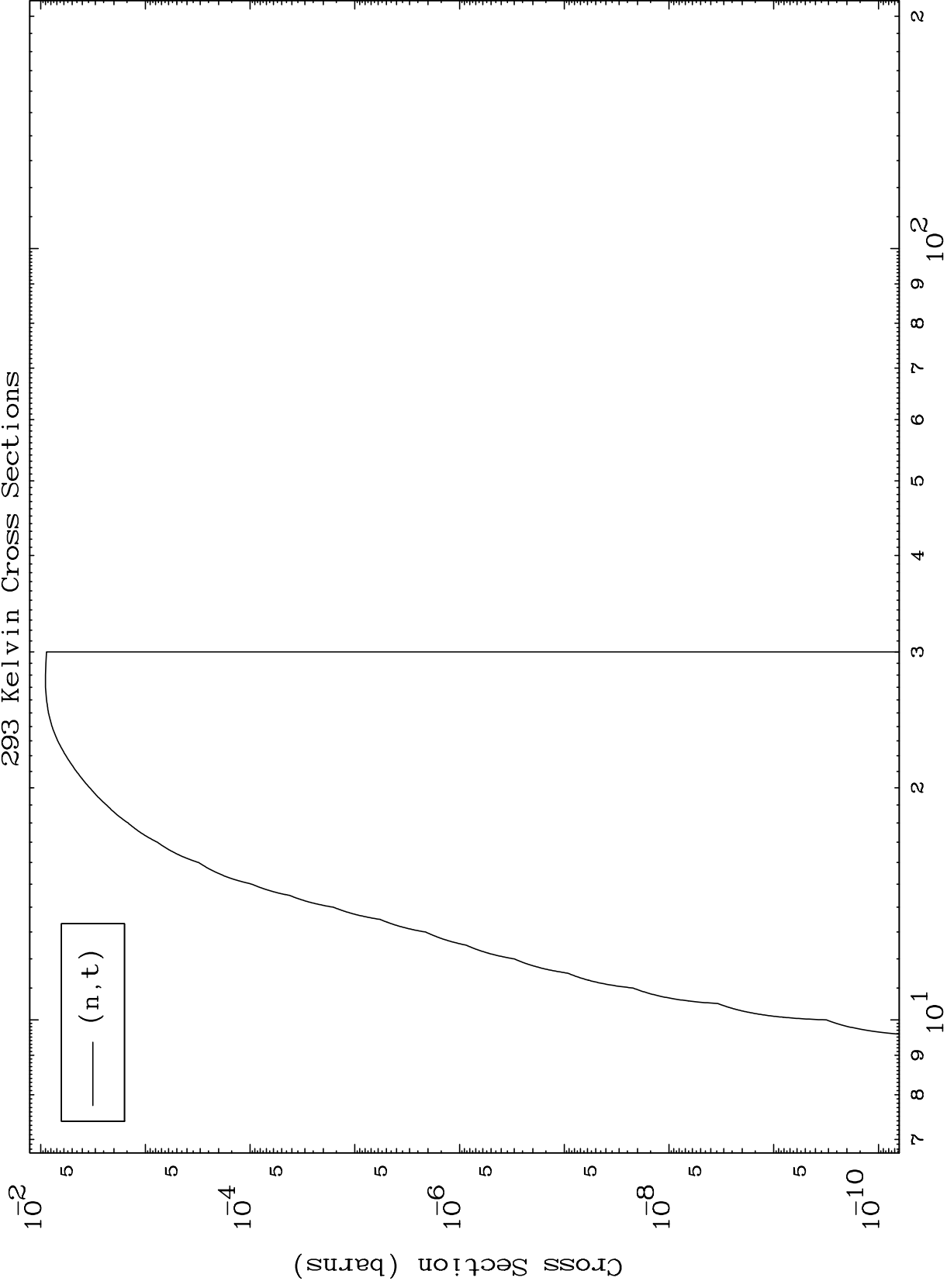
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-97



12

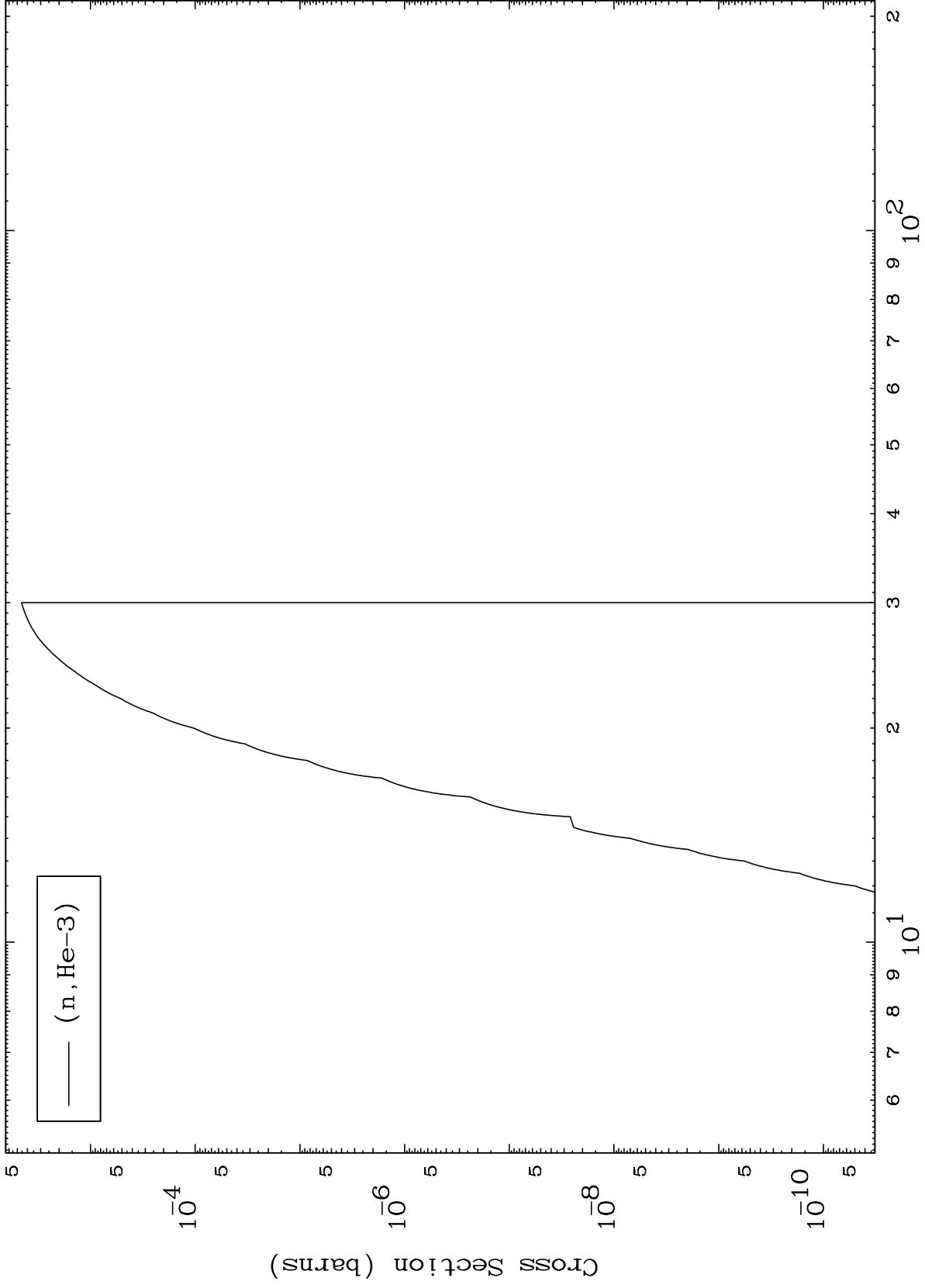
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-97



13

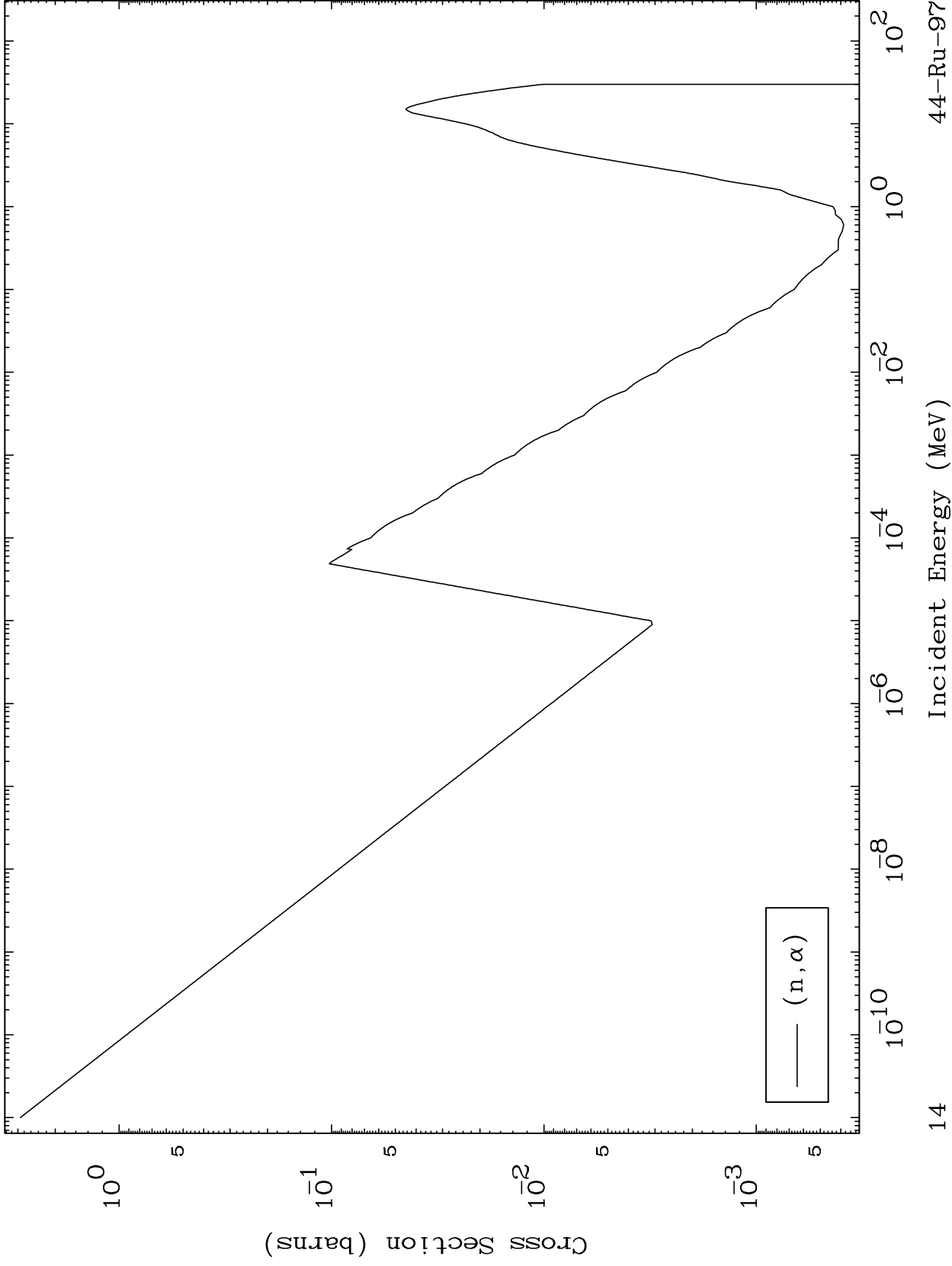
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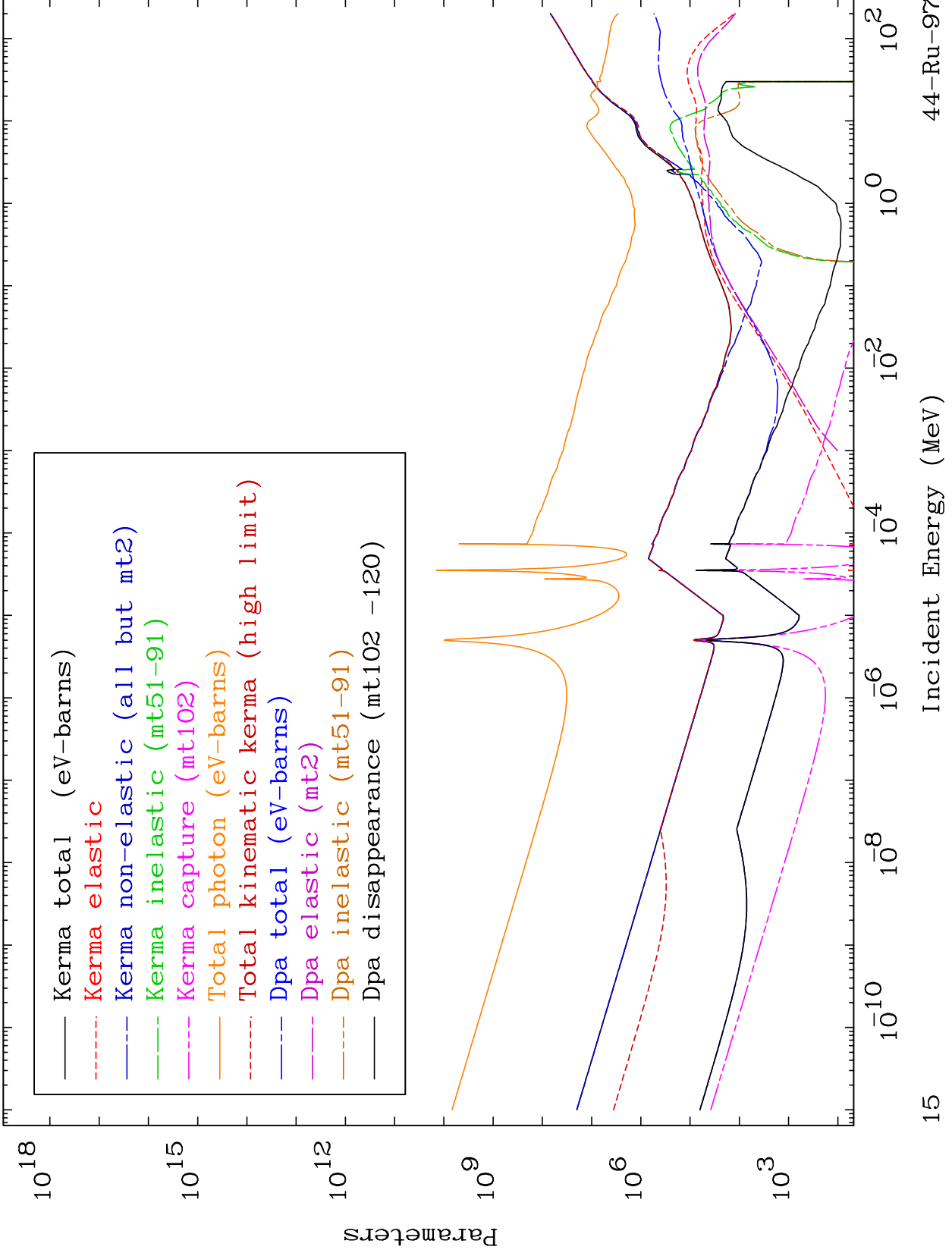
44-Ru-97

MAT 4428

(n,α) Levels
293 Kelvin Cross Sections

44-Ru-97

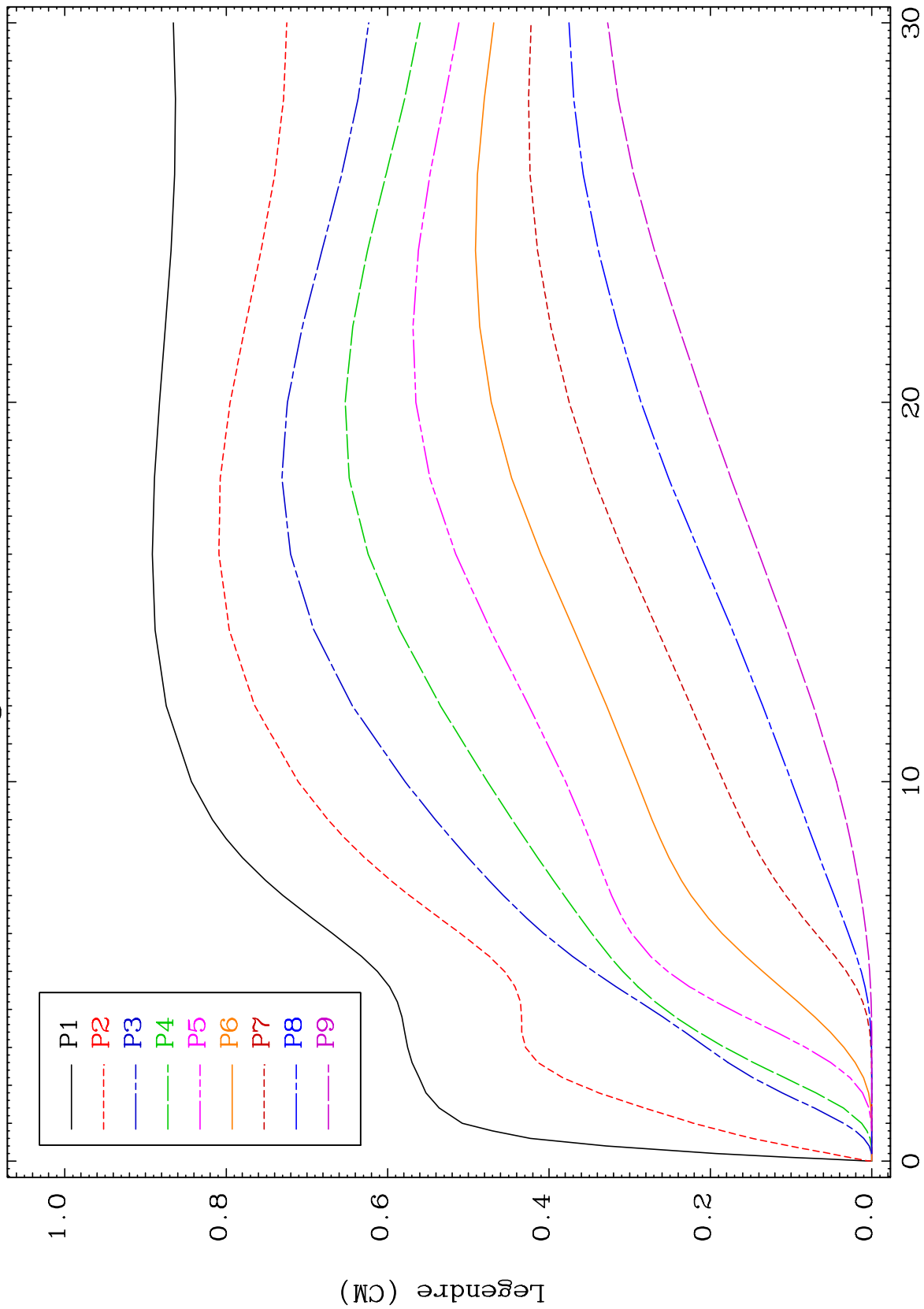




MAT 4428

Elastic Legendre Coefficients

44-Ru-97



16

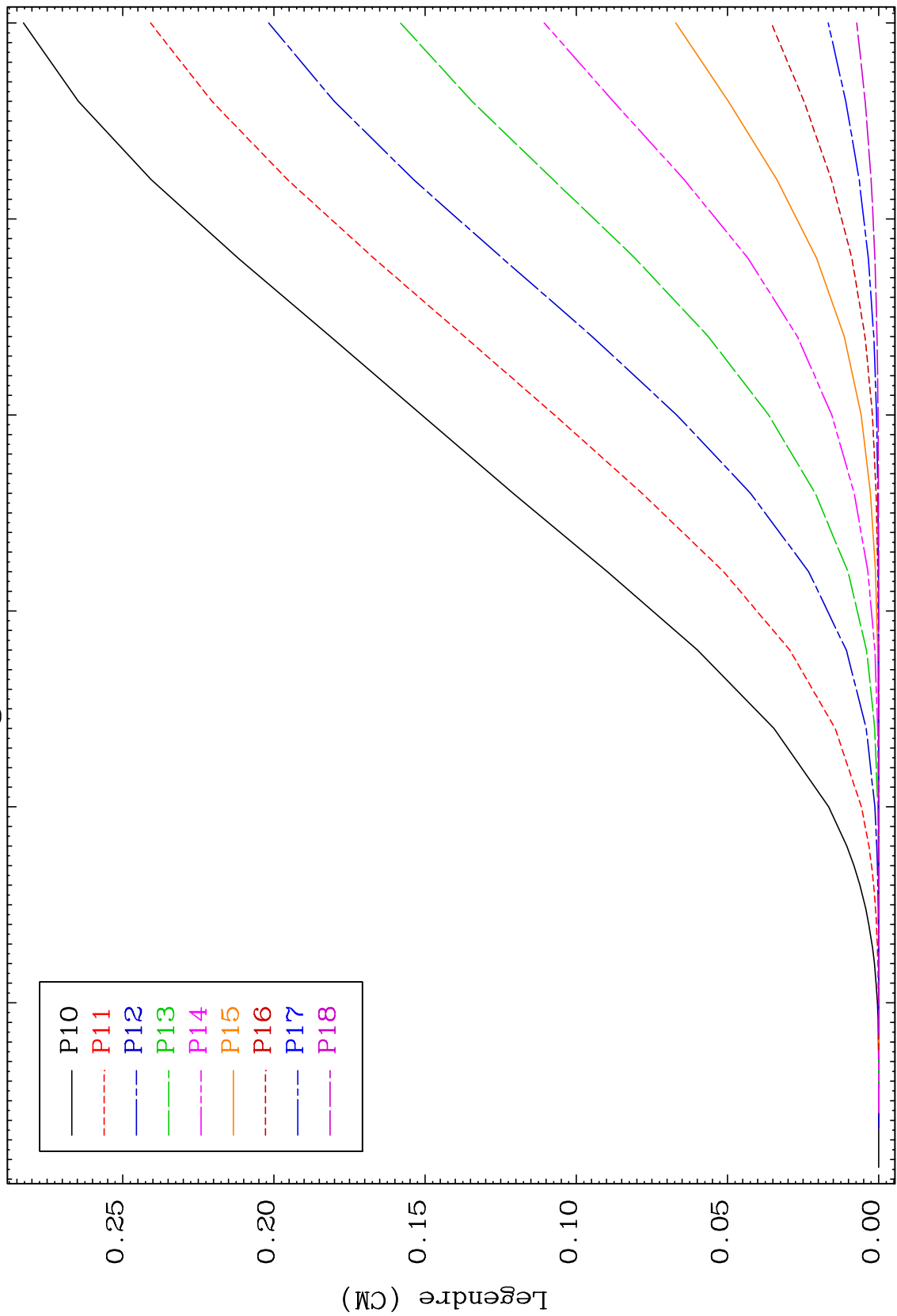
Incident Energy (MeV)

44-Ru-97

MAT 4428

Elastic
Legendre Coefficients

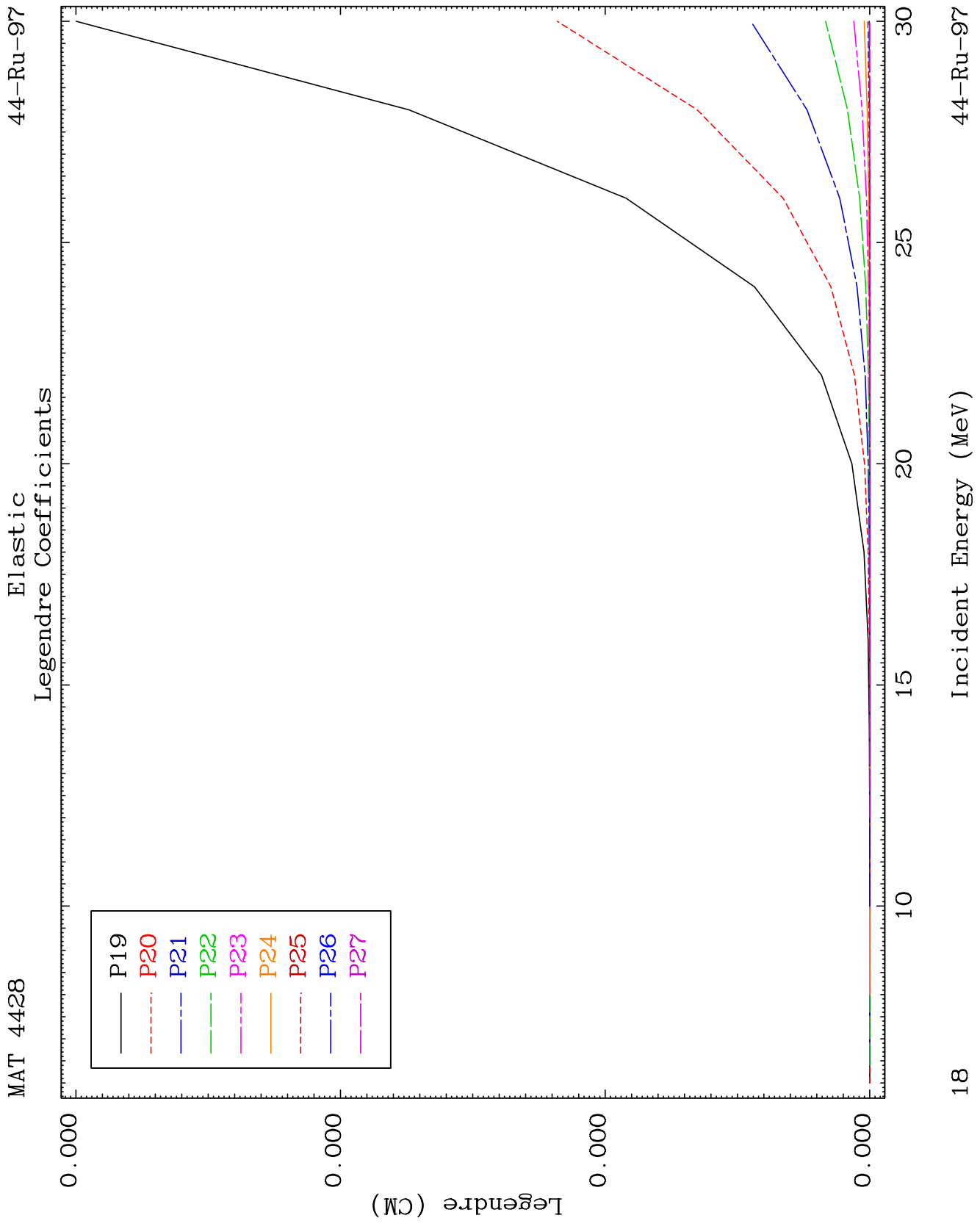
44-Ru-97



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44-Ru-97

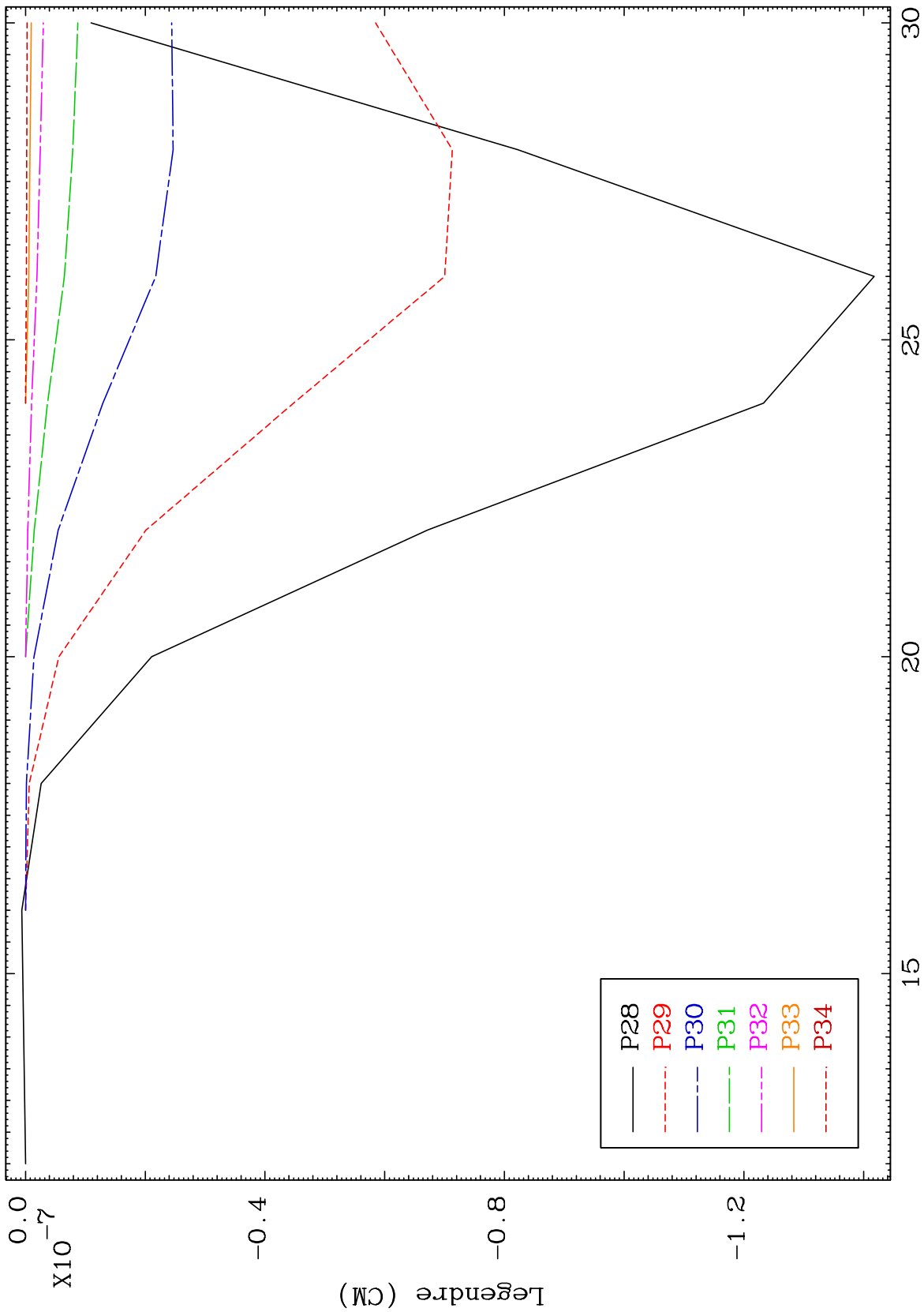
Incident Energy (MeV)



MAT 4428

44-Ru-97

Elastic Legendre Coefficients



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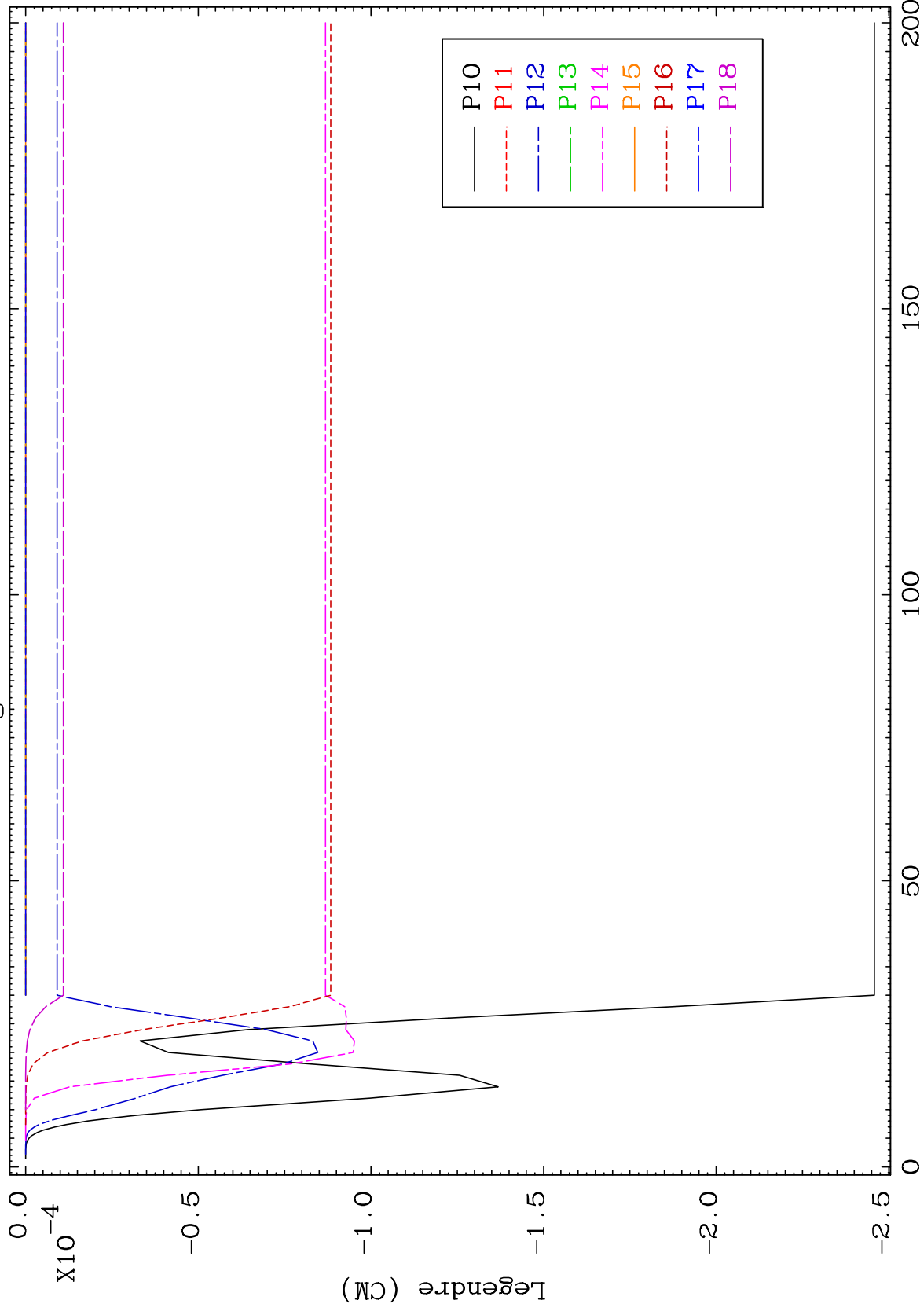
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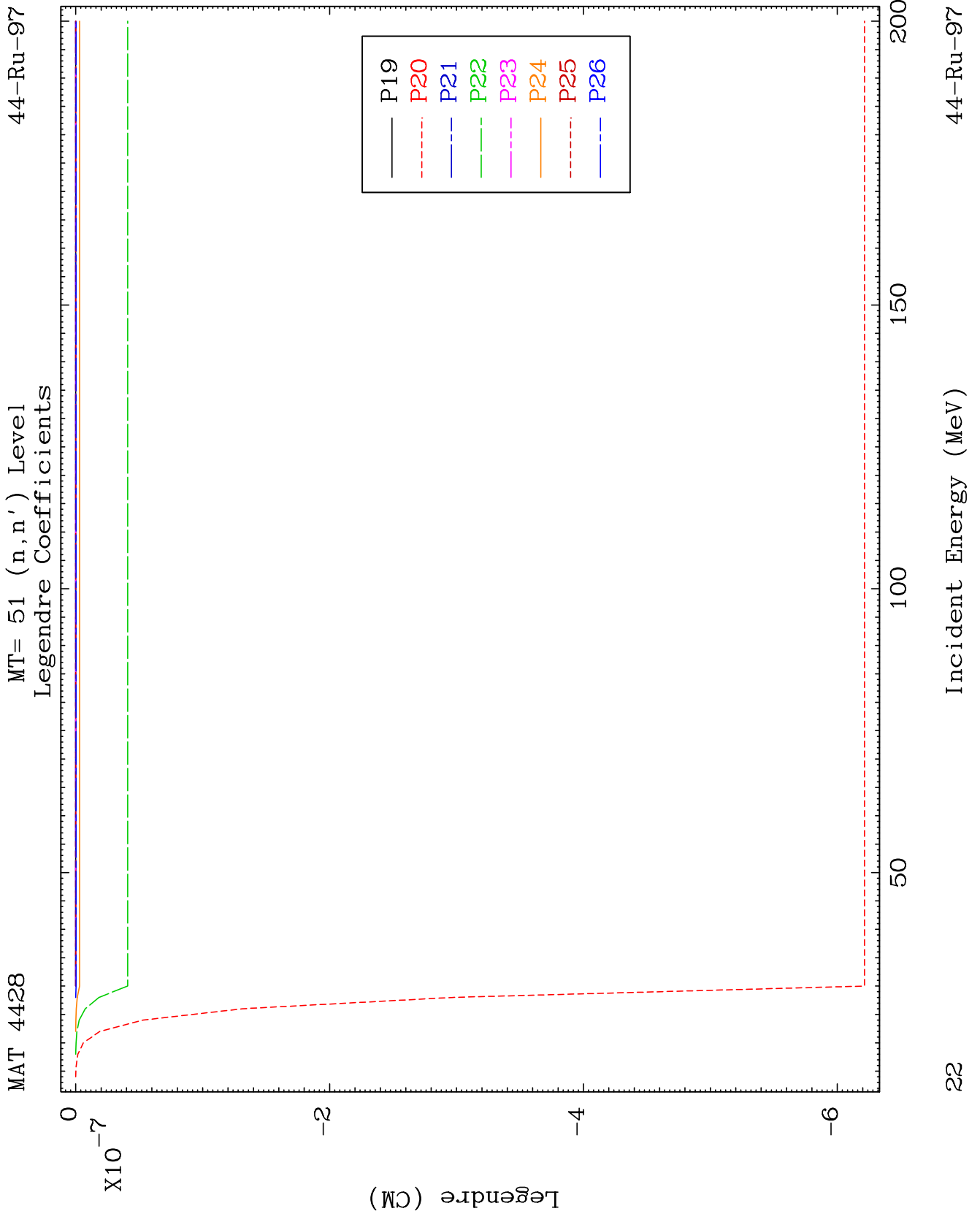
44-Ru-97

MAT 4428

MT= 51 (n,n') Level
Legendre Coefficients

44-Ru-97

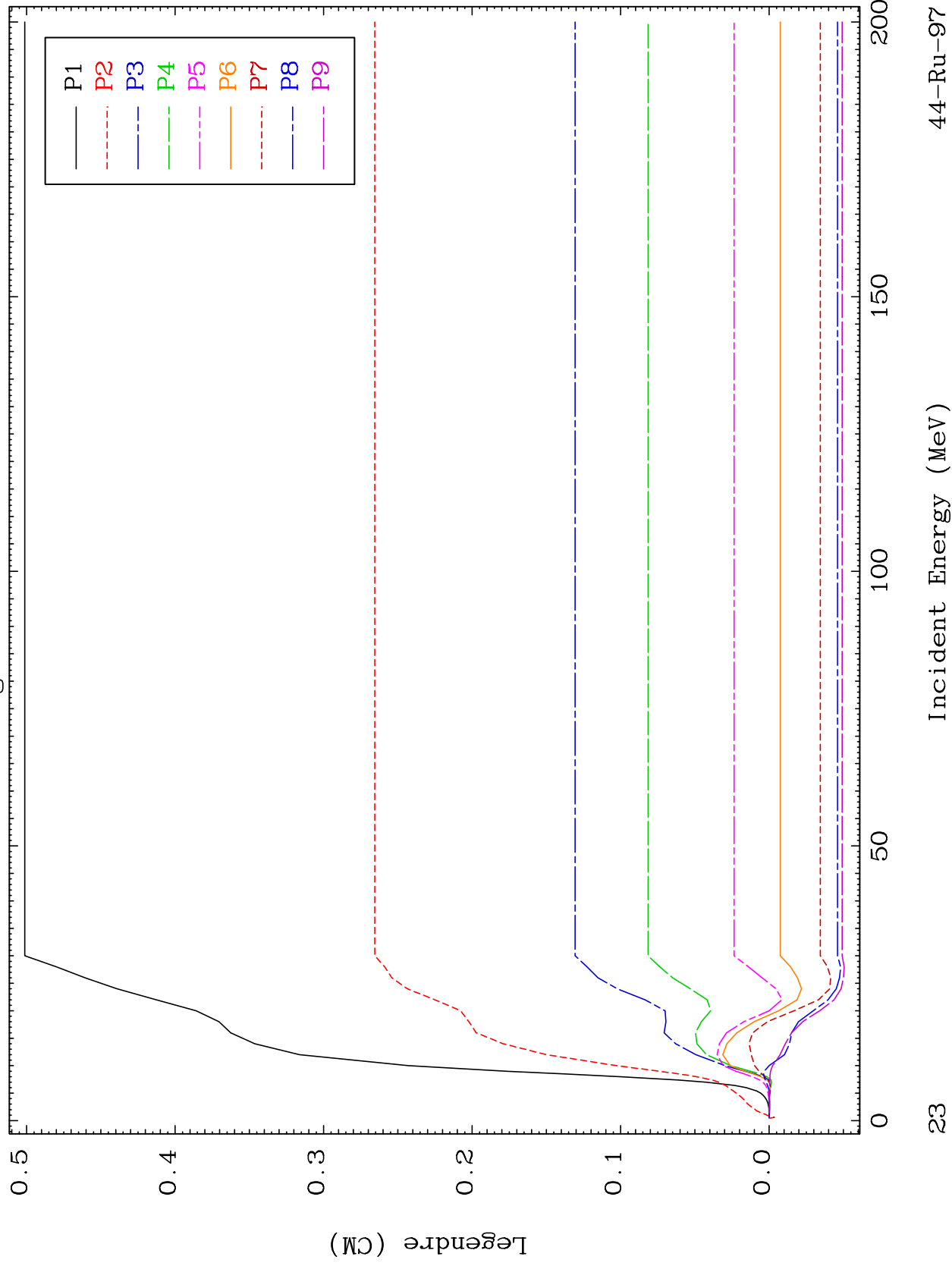




MAT 4428

MT= 52 (n,n') Level
Legendre Coefficients

44-Ru-97



23

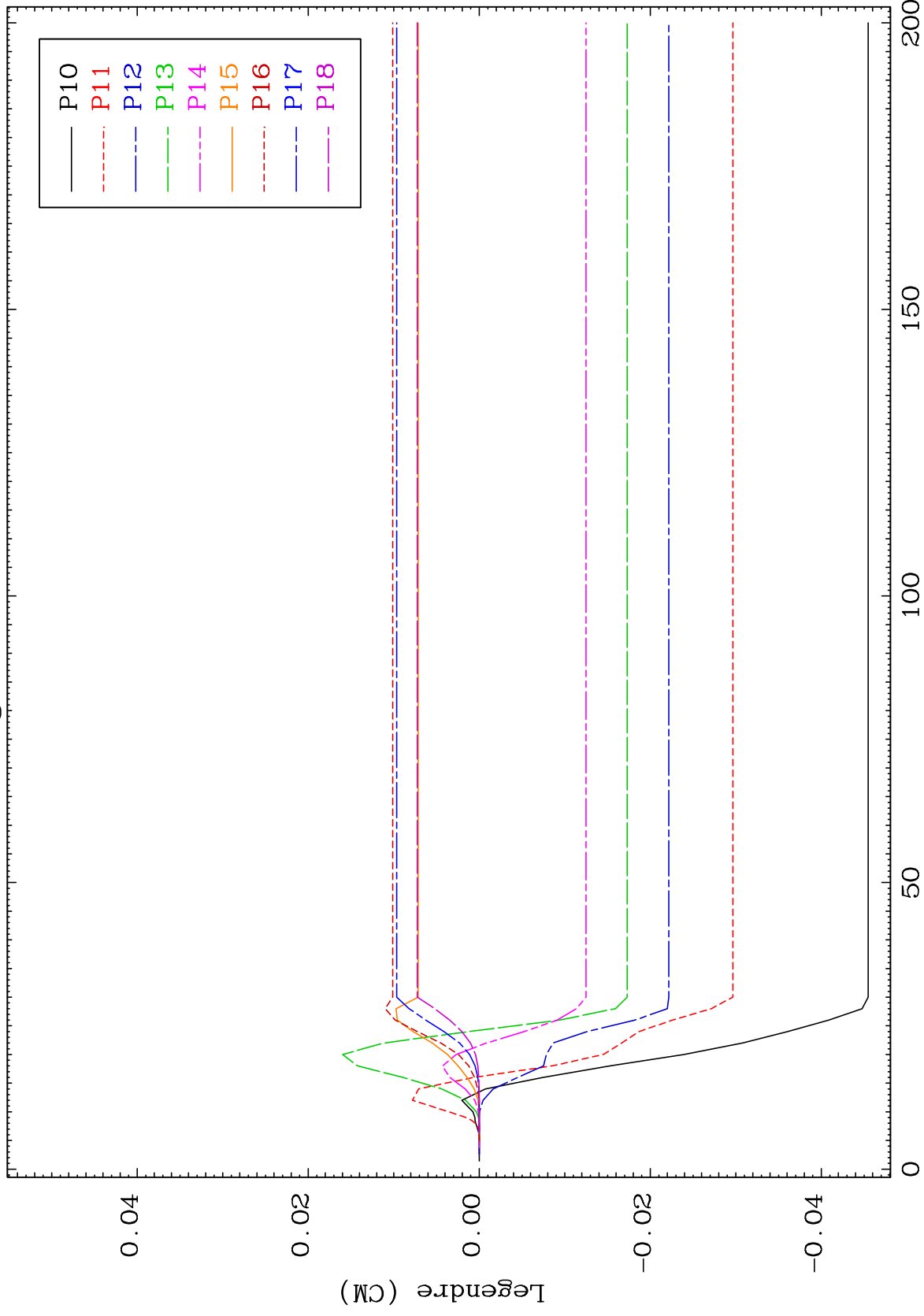
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 52 (n,n') Level
Legendre Coefficients

44-Ru-97



24

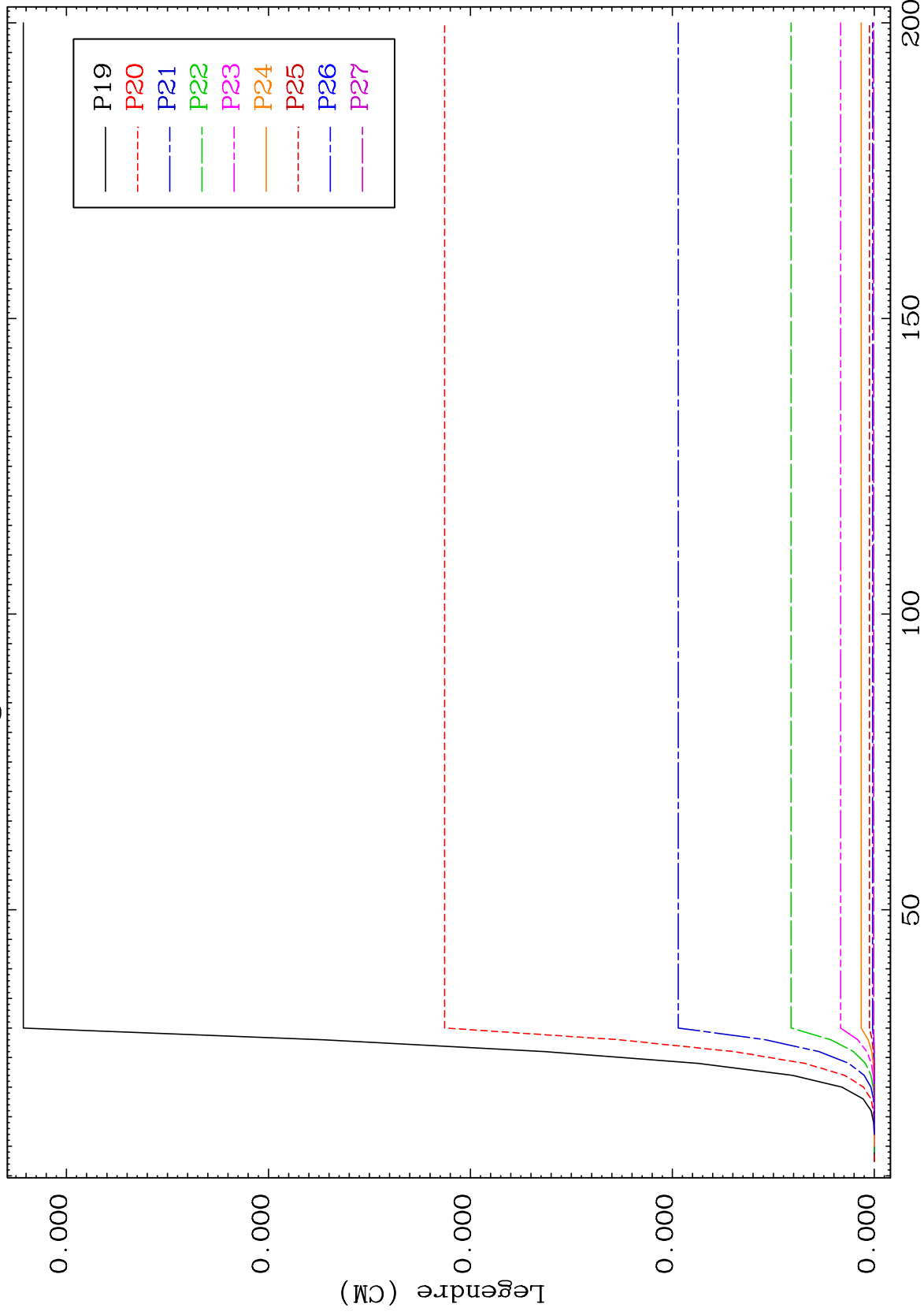
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 52 (n,n') Level
Legendre Coefficients

44-Ru-97



25

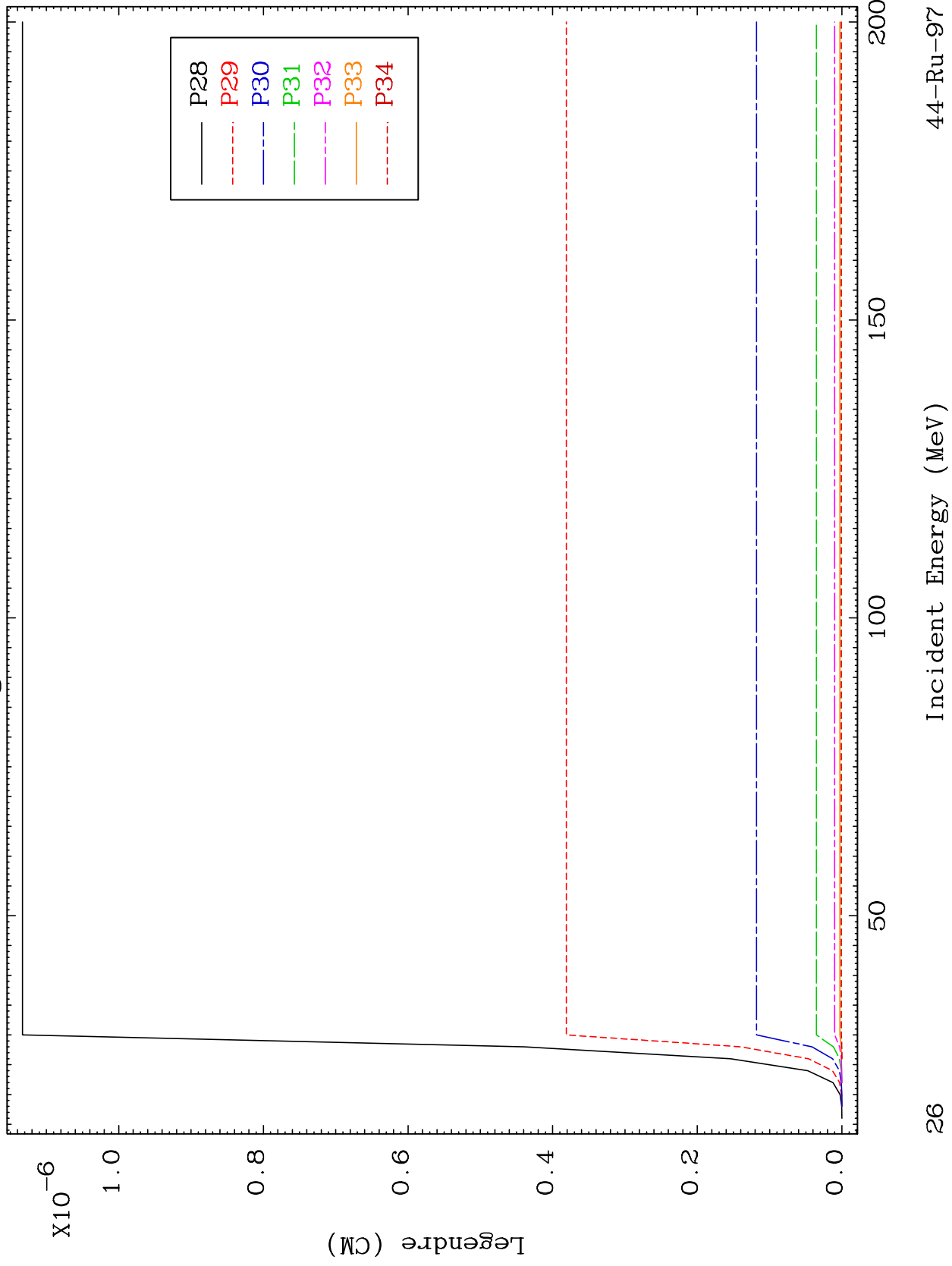
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 52 (n,n') Level
Legendre Coefficients

44-Ru-97

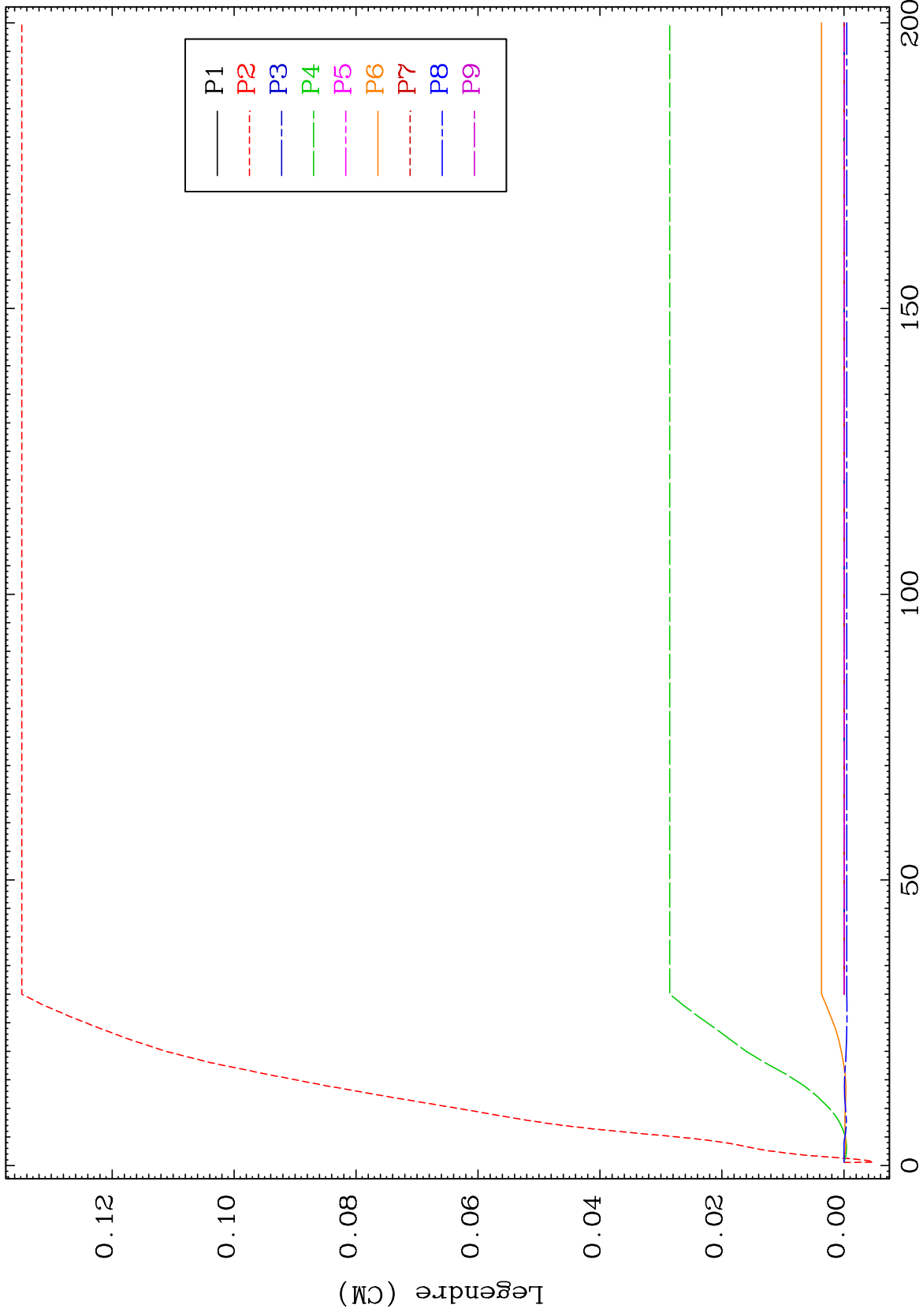


26

MAT 4428

MT= 53 (n,n') Level
Legendre Coefficients

44-Ru-97



27

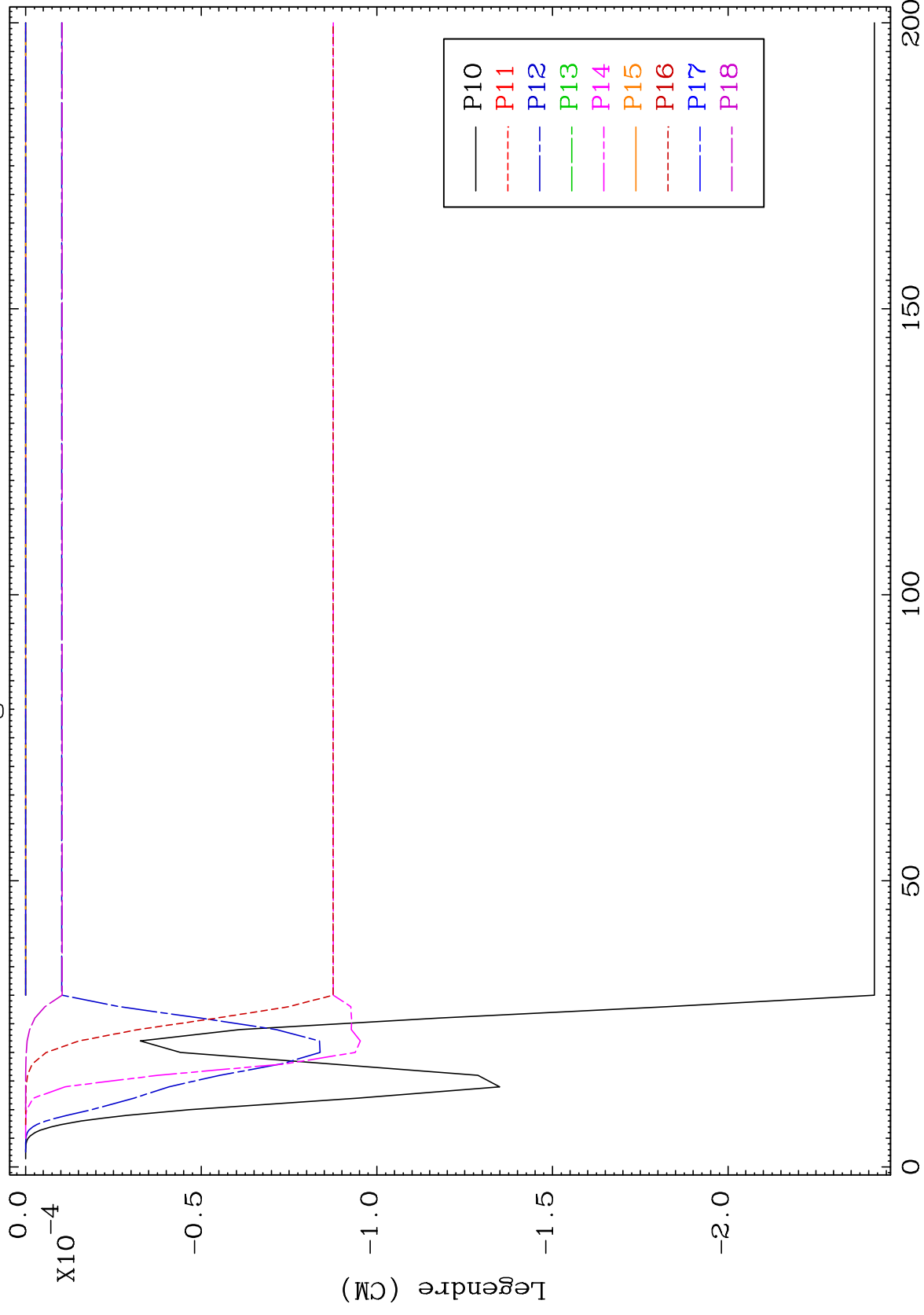
Incident Energy (MeV)

44-Ru-97

MAT 4428

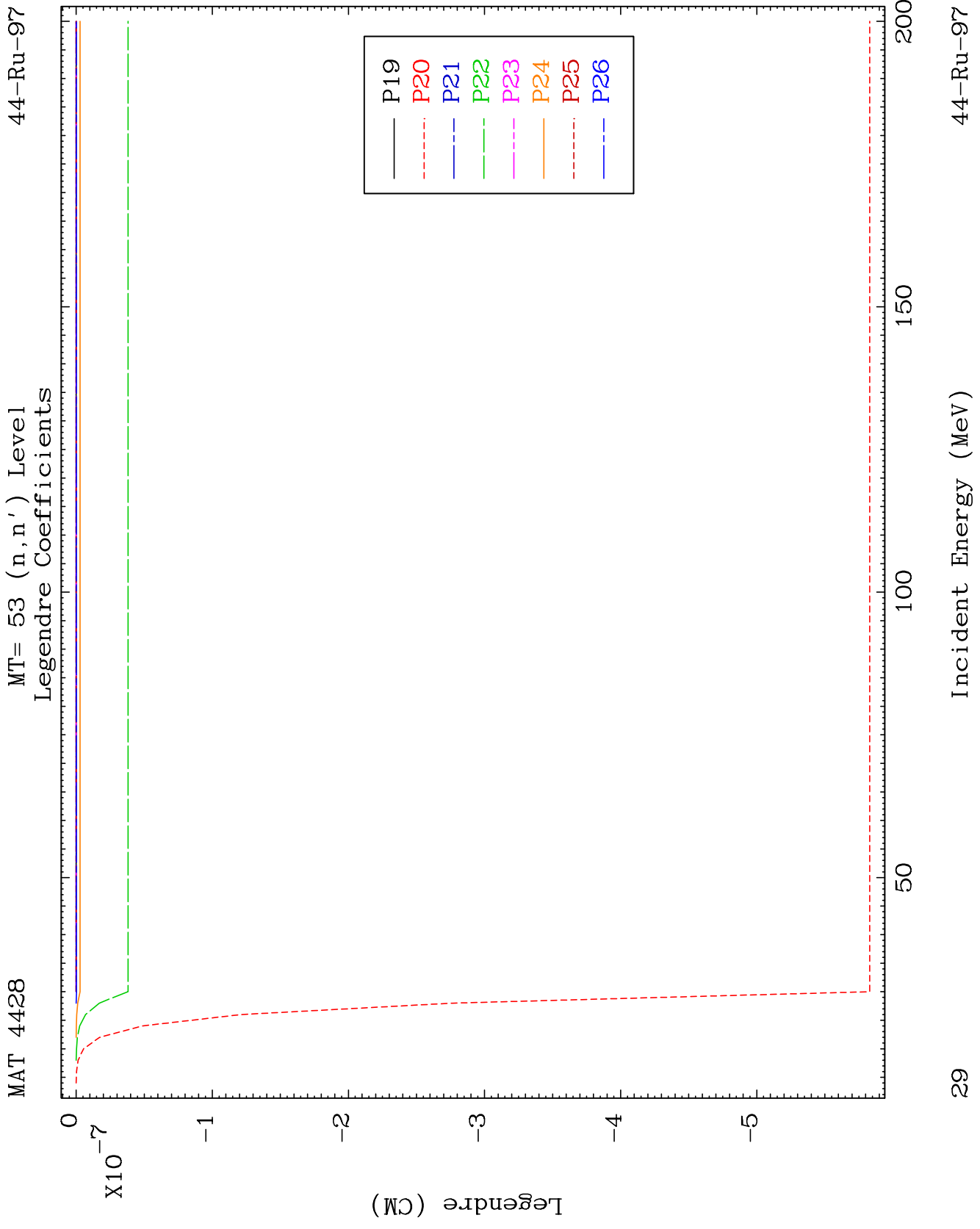
MT= 53 (n,n') Level
Legendre Coefficients

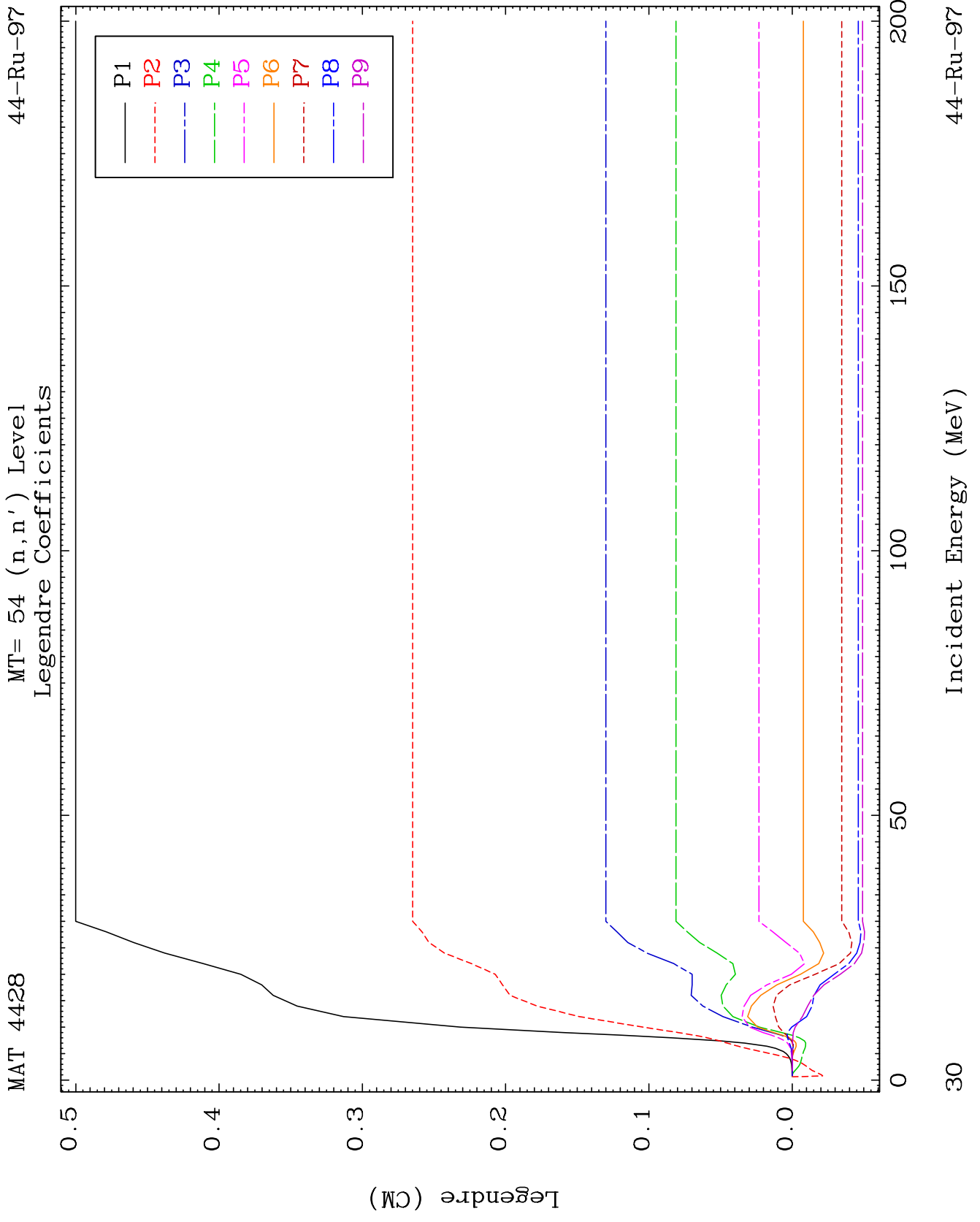
44-Ru-97



28

44-Ru-97

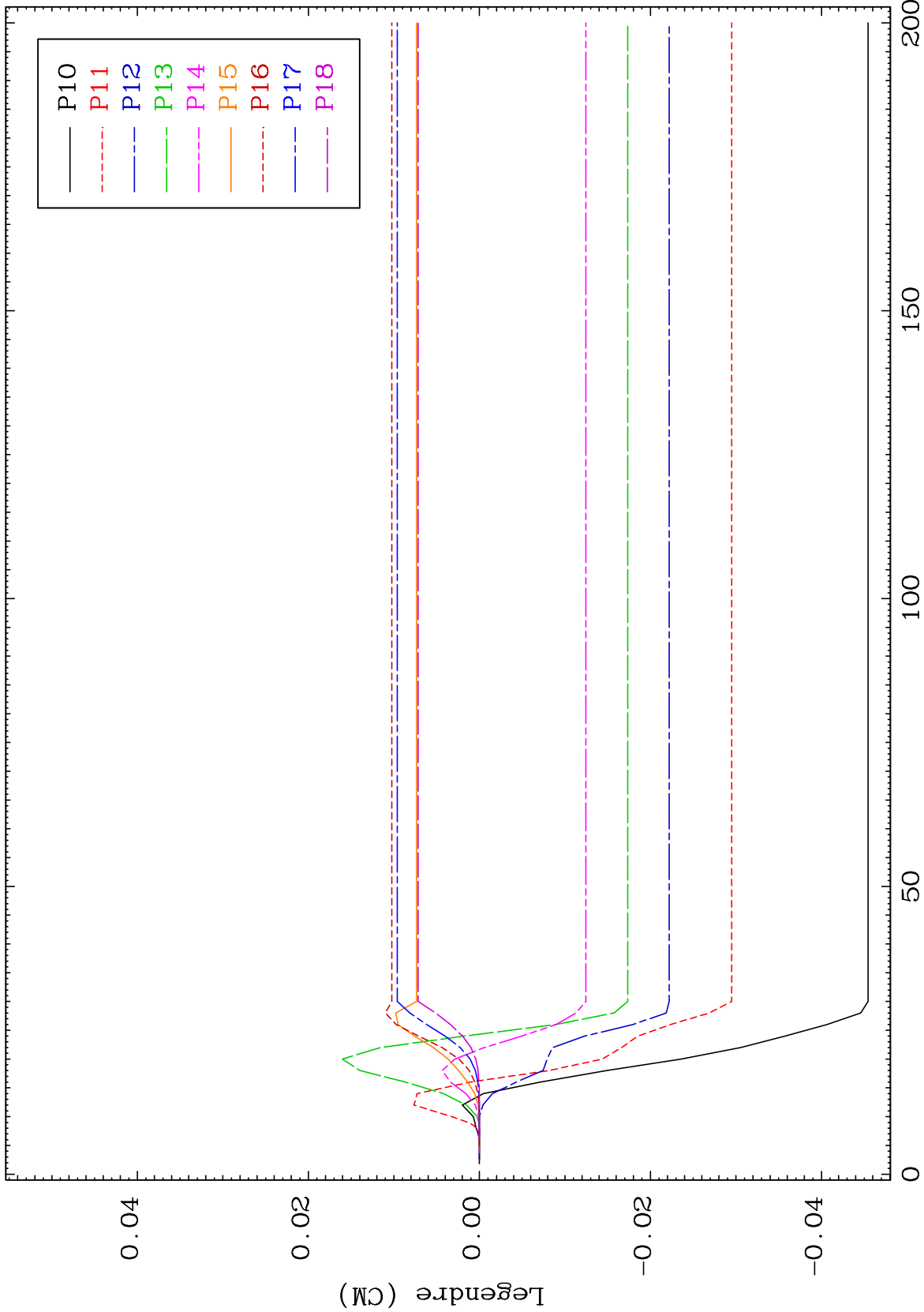




MAT 4428

MT= 54 (n,n') Level
Legendre Coefficients

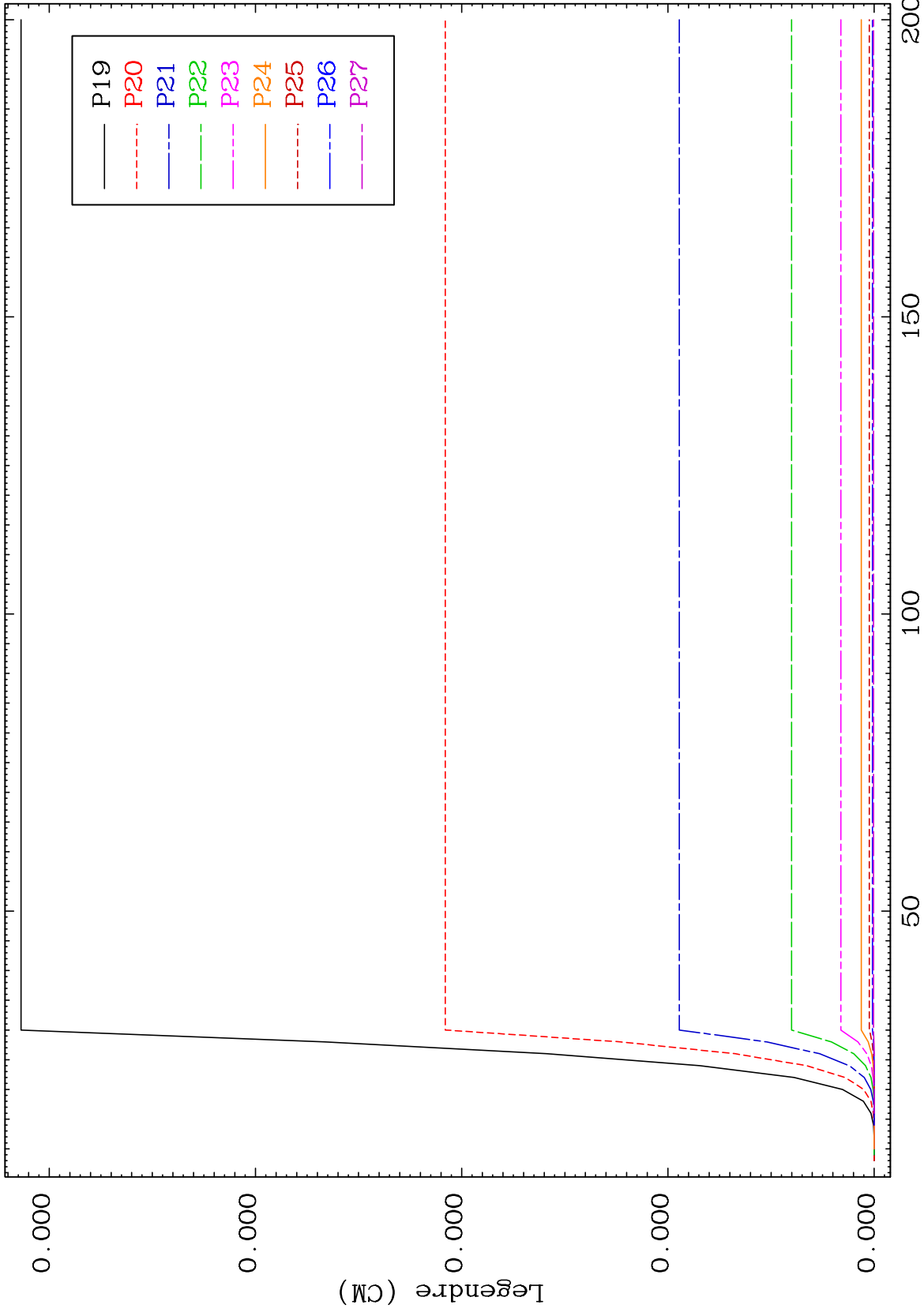
44-Ru-97



MAT 4428

MT= 54 (n,n') Level
Legendre Coefficients

44-Ru-97



32

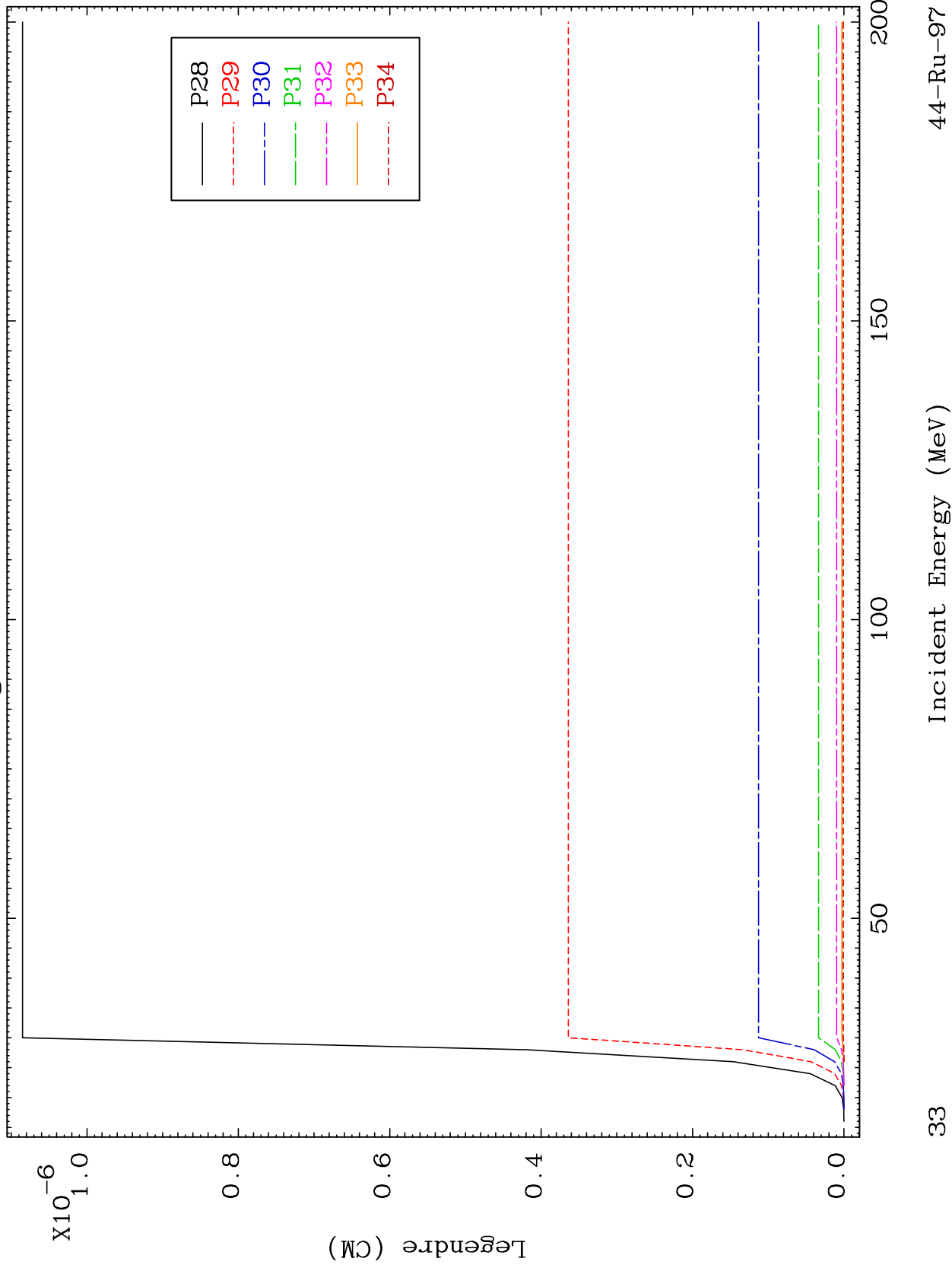
Incident Energy (MeV)

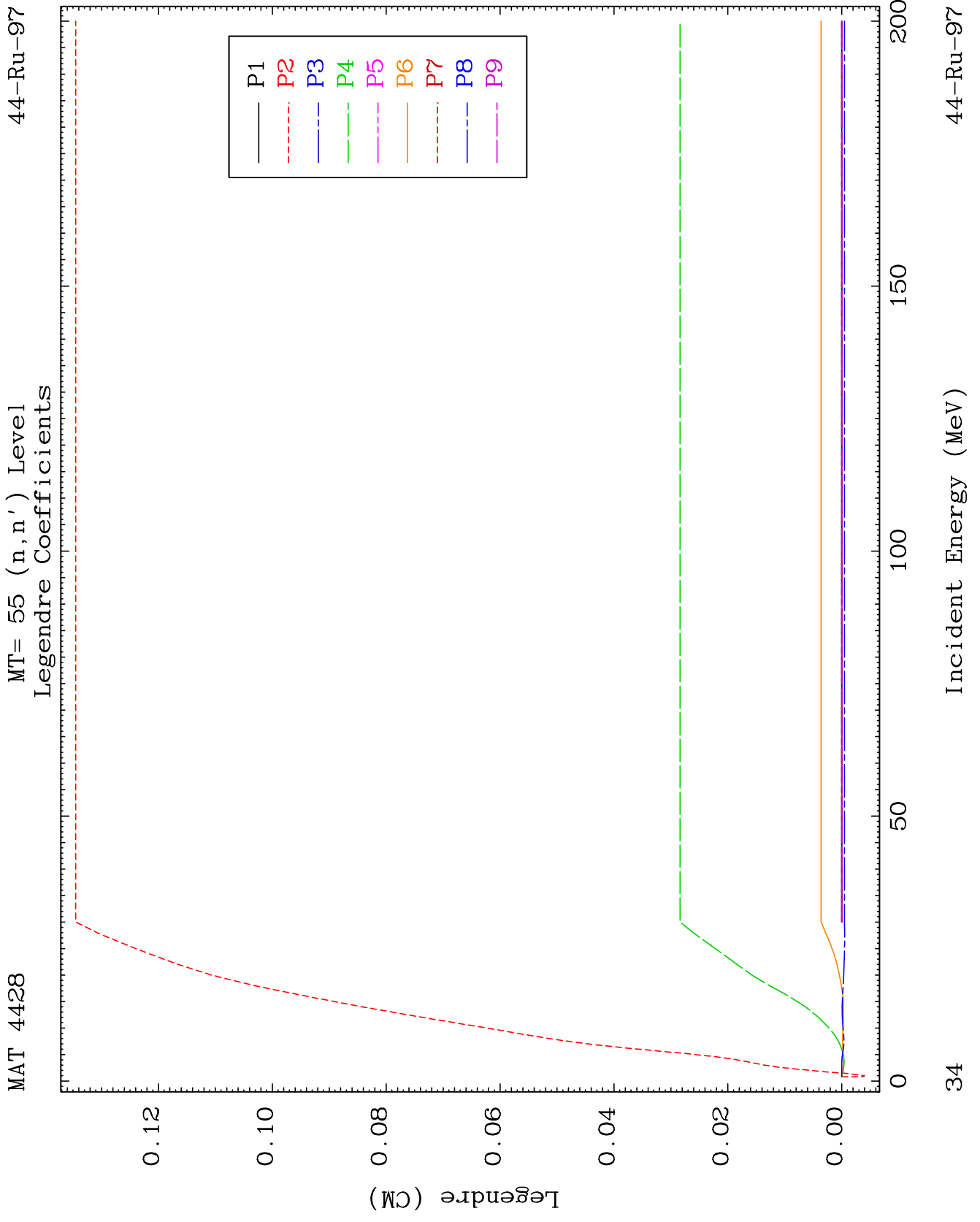
44-Ru-97

MAT 4428

MT= 54 (n,n') Level
Legendre Coefficients

44-Ru-97

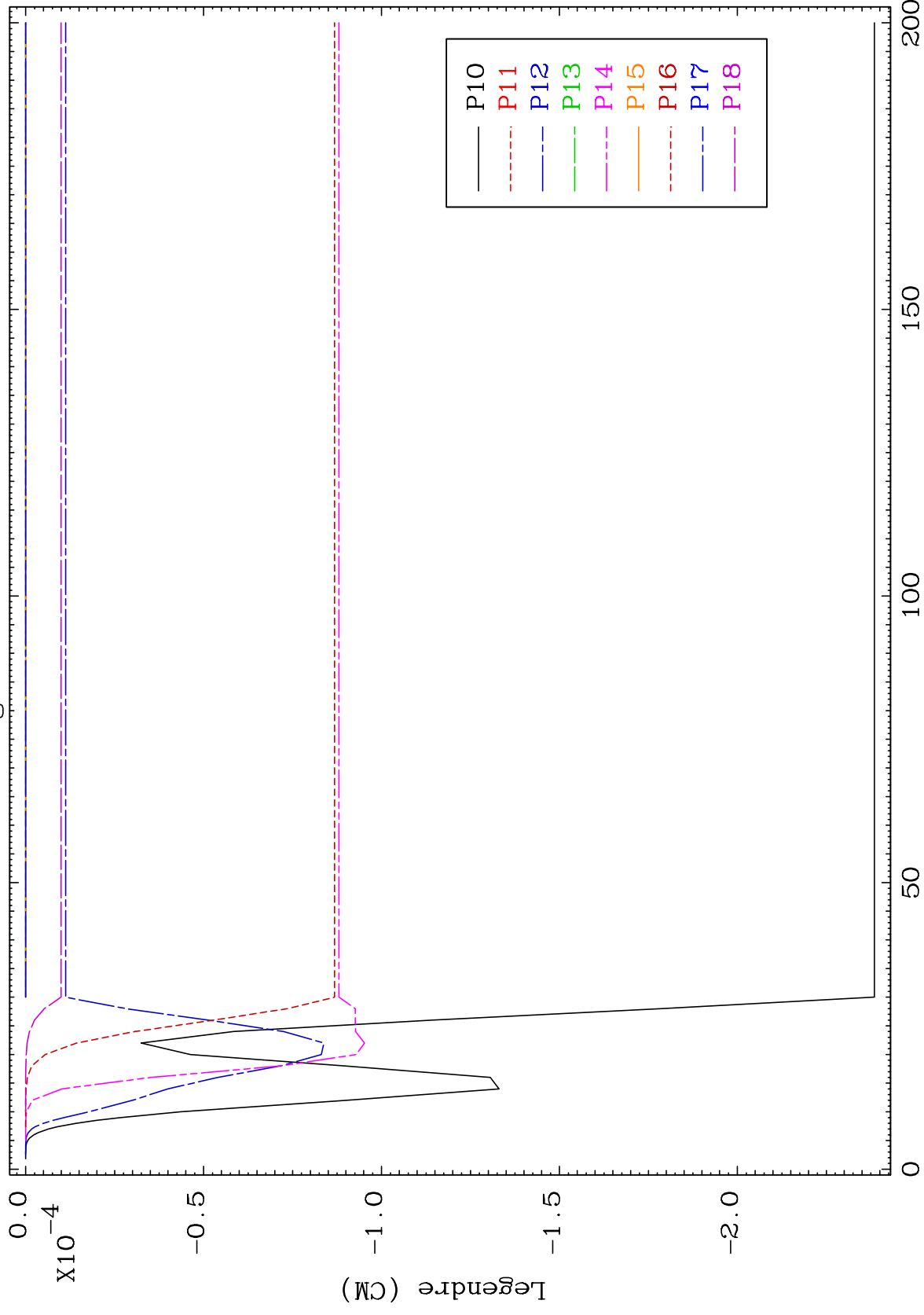




MAT 4428

MT= 55 (n,n') Level
Legendre Coefficients

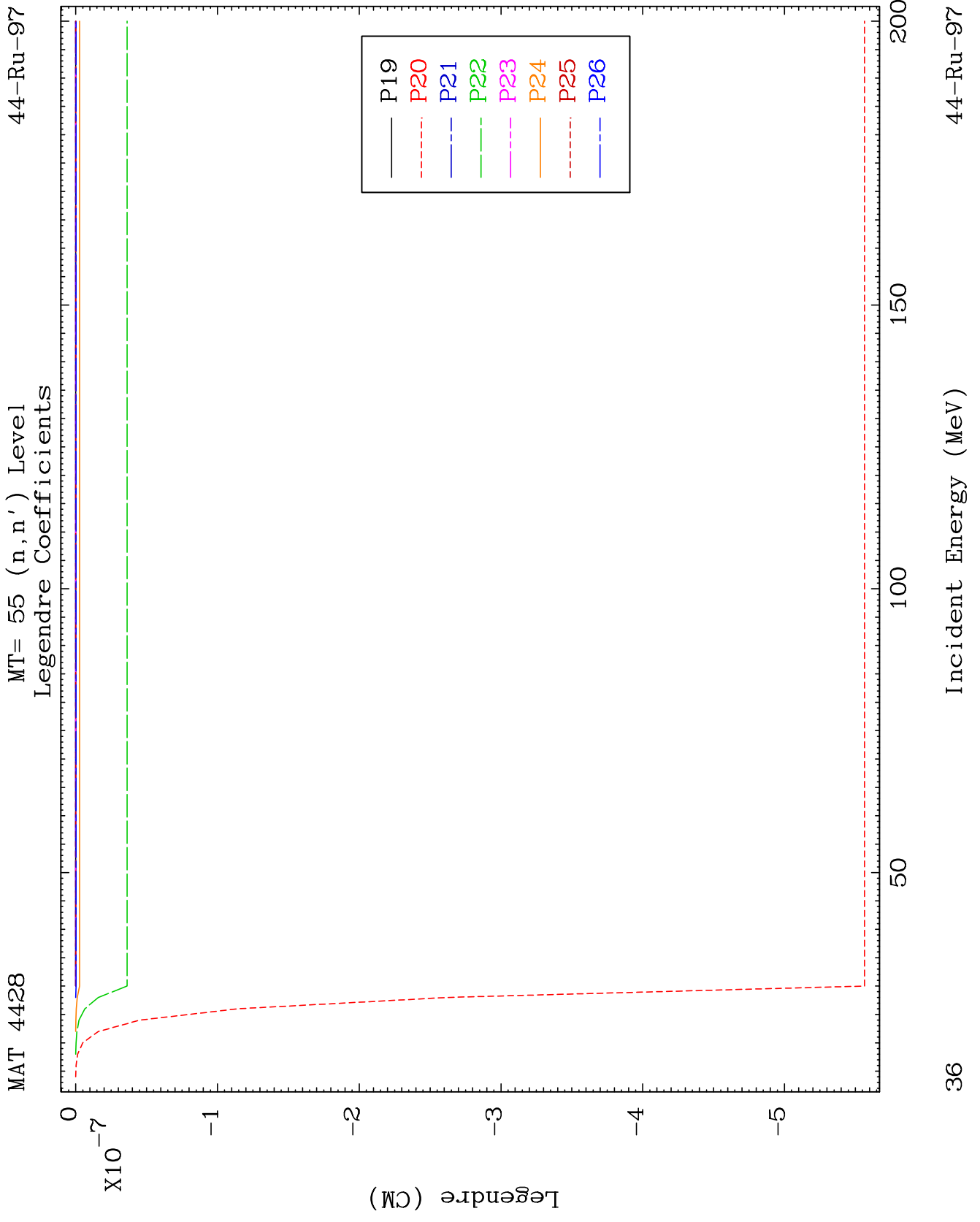
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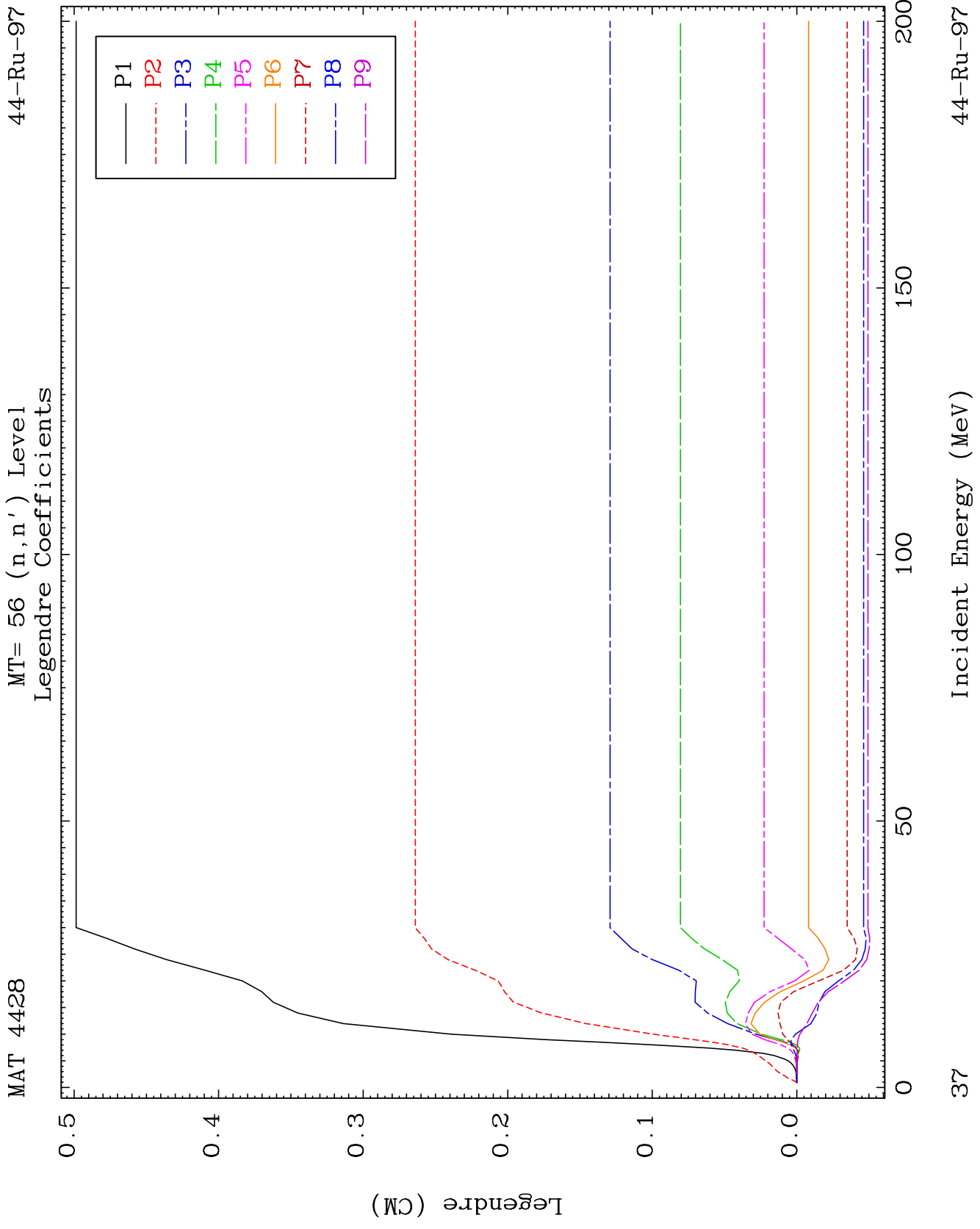


35

Incident Energy (MeV)

44-Ru-97

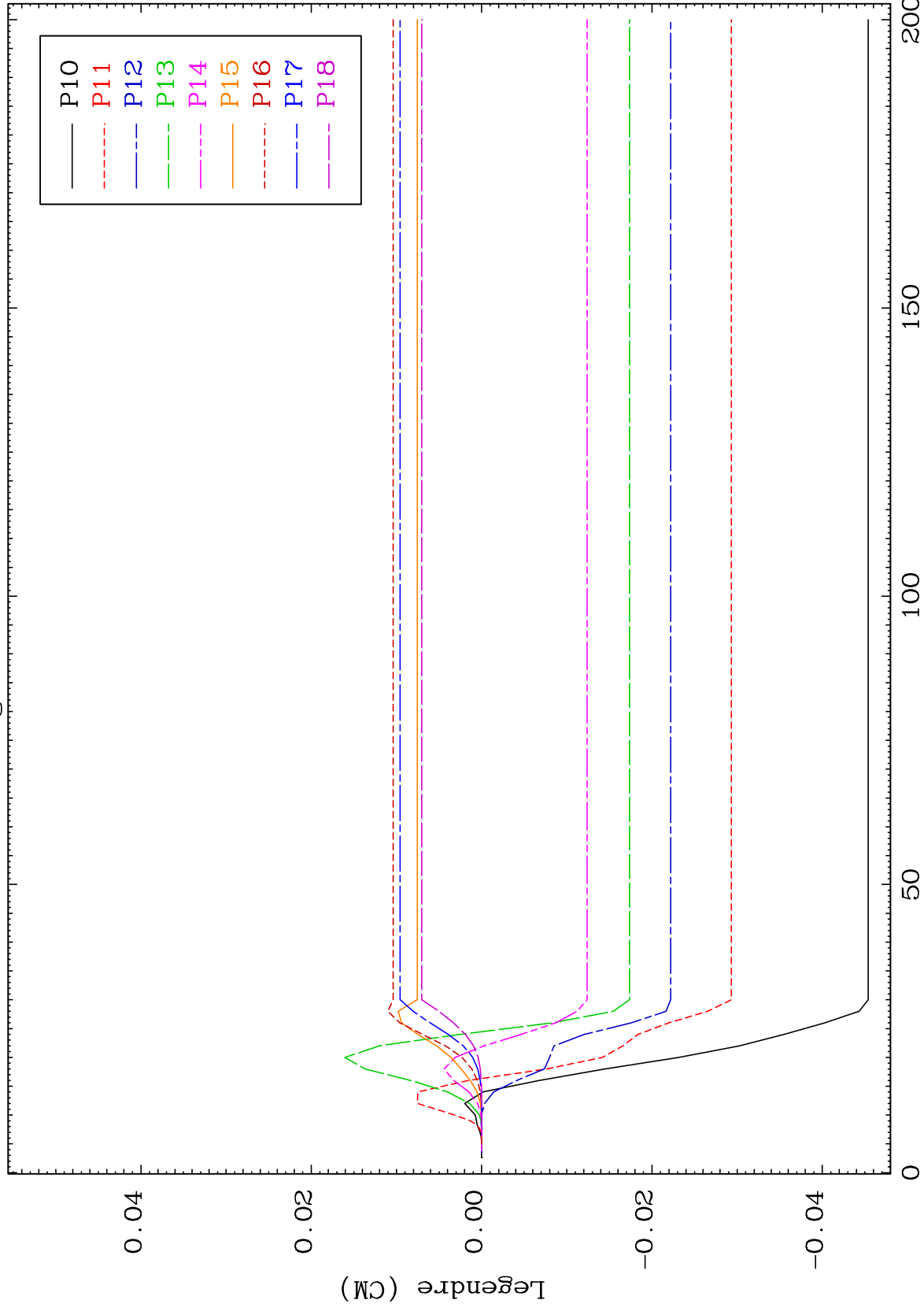




MAT 4428

MT= 56 (n,n') Level
Legendre Coefficients

44-Ru-97



38

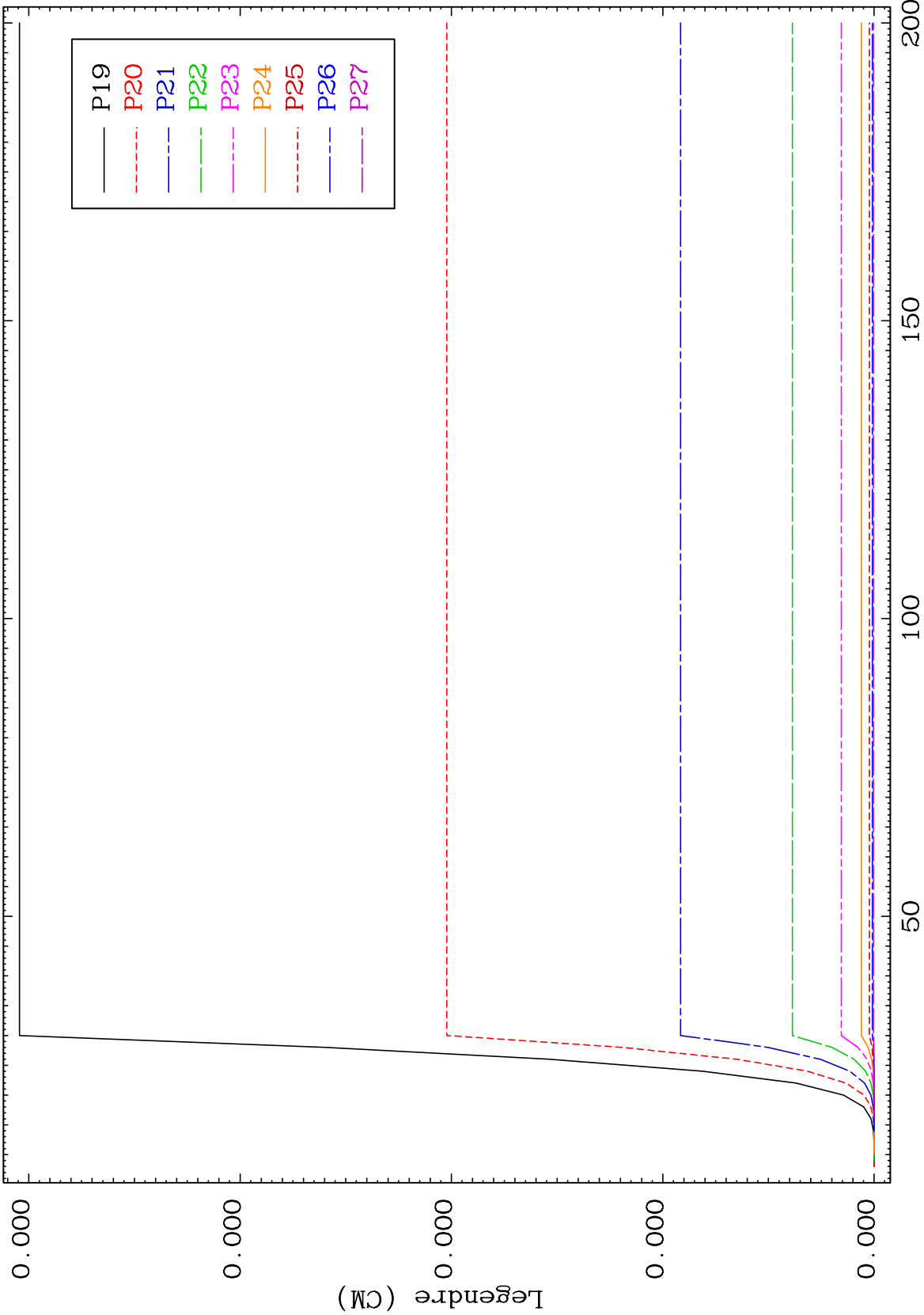
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 56 (n,n') Level
Legendre Coefficients

44-Ru-97



39

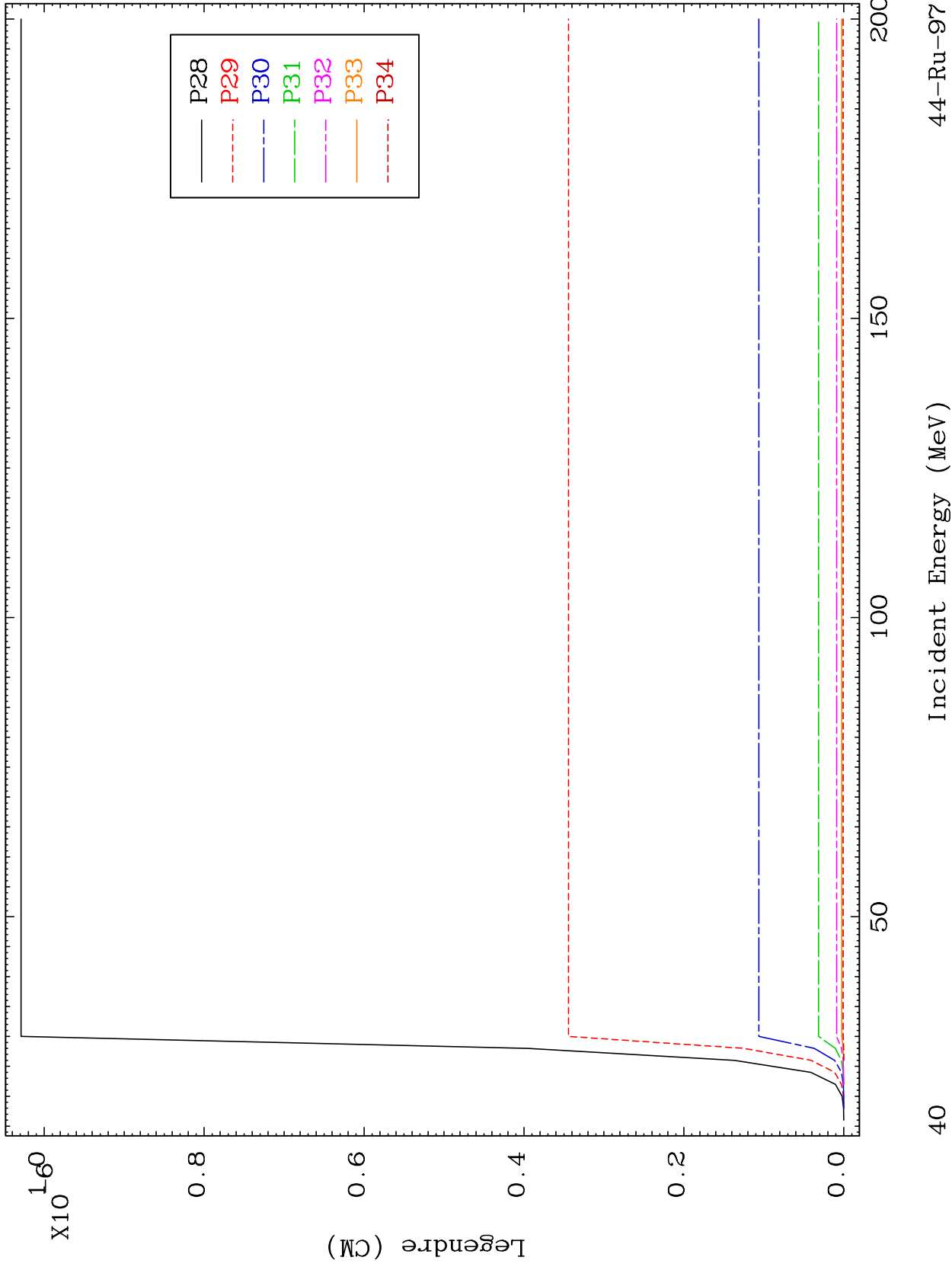
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 56 (n,n') Level
Legendre Coefficients

44-Ru-97



40

50

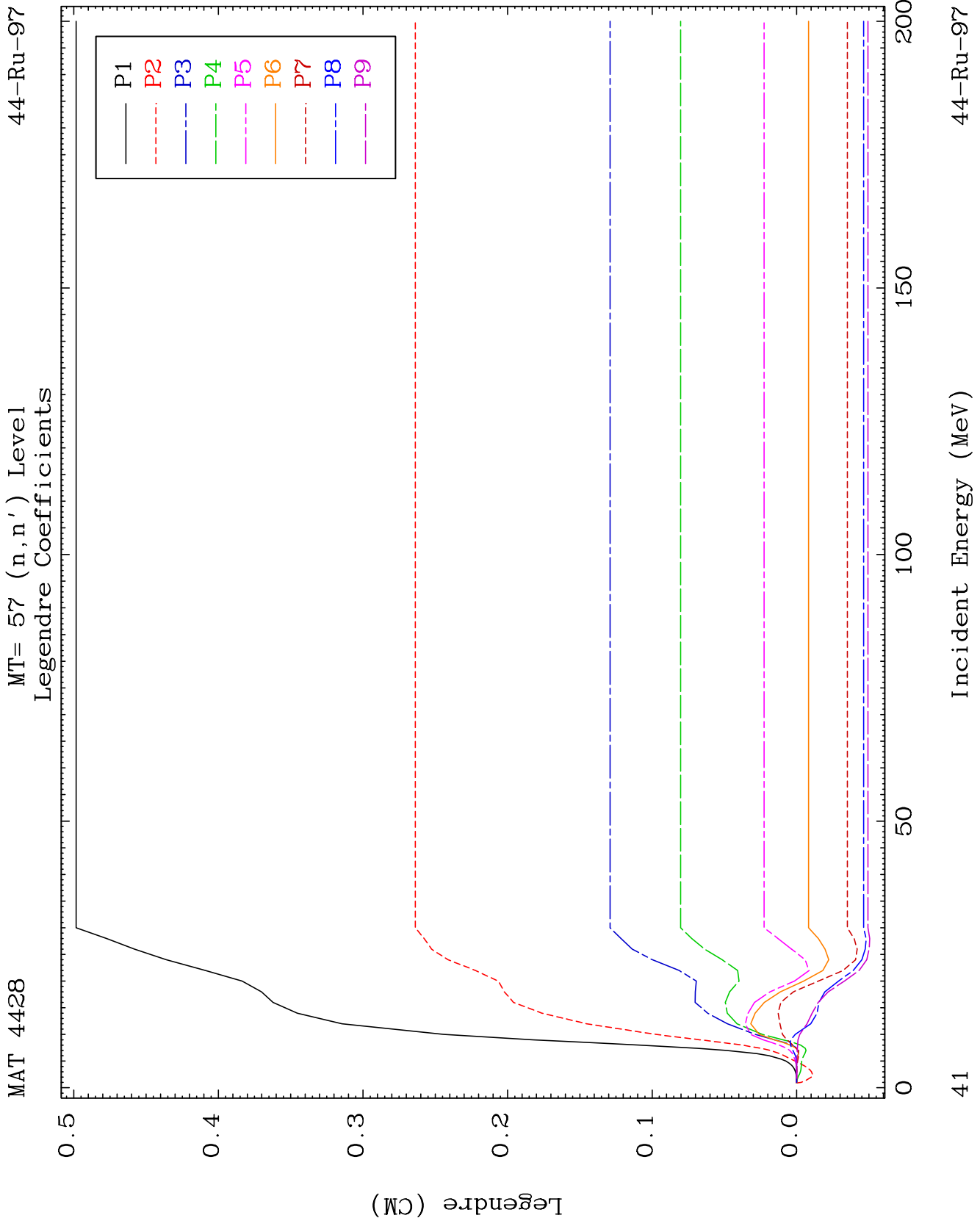
100

150

200

Incident Energy (MeV)

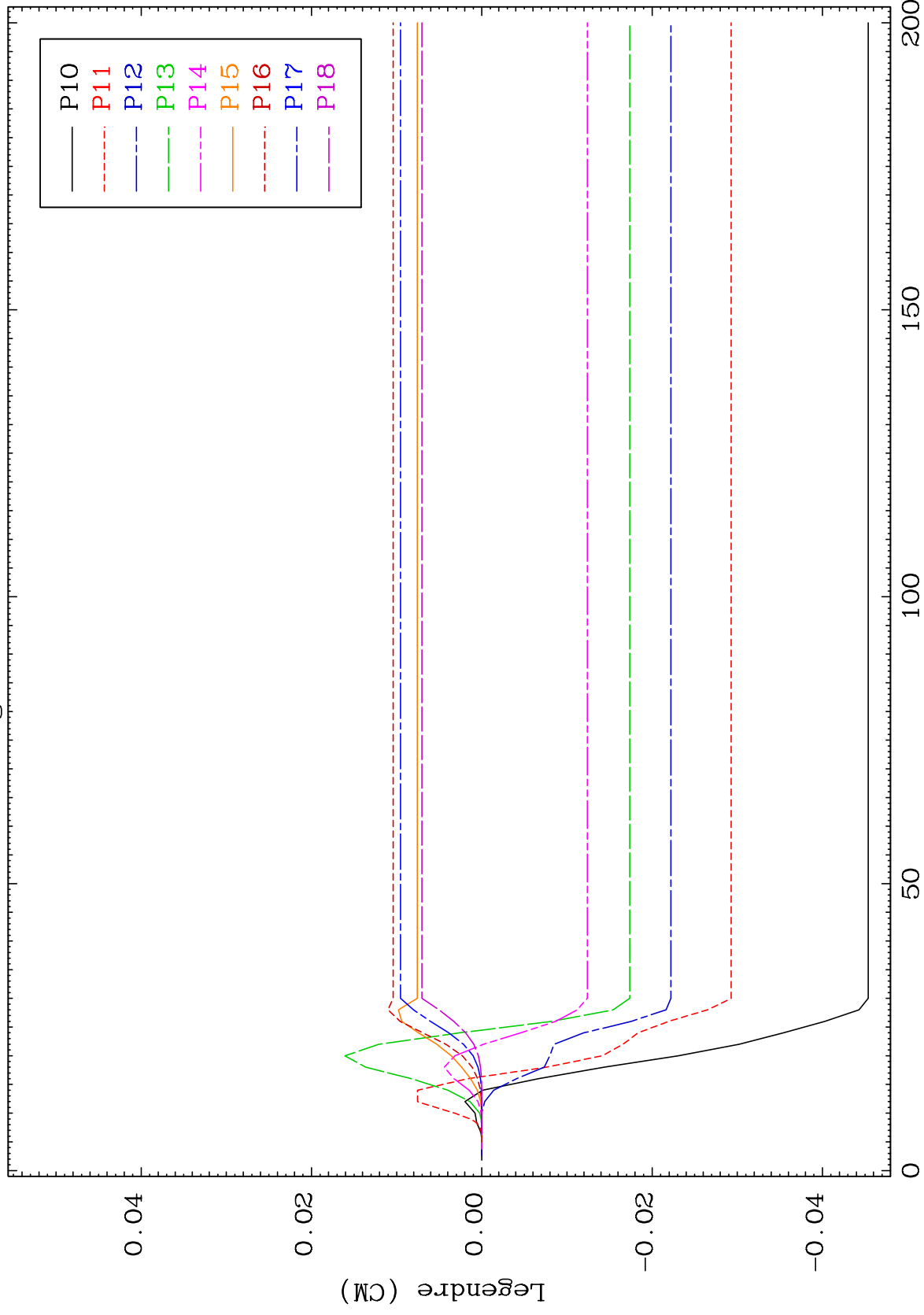
44-Ru-97



MAT 4428

MT= 57 (n,n') Level
Legendre Coefficients

44-Ru-97



42

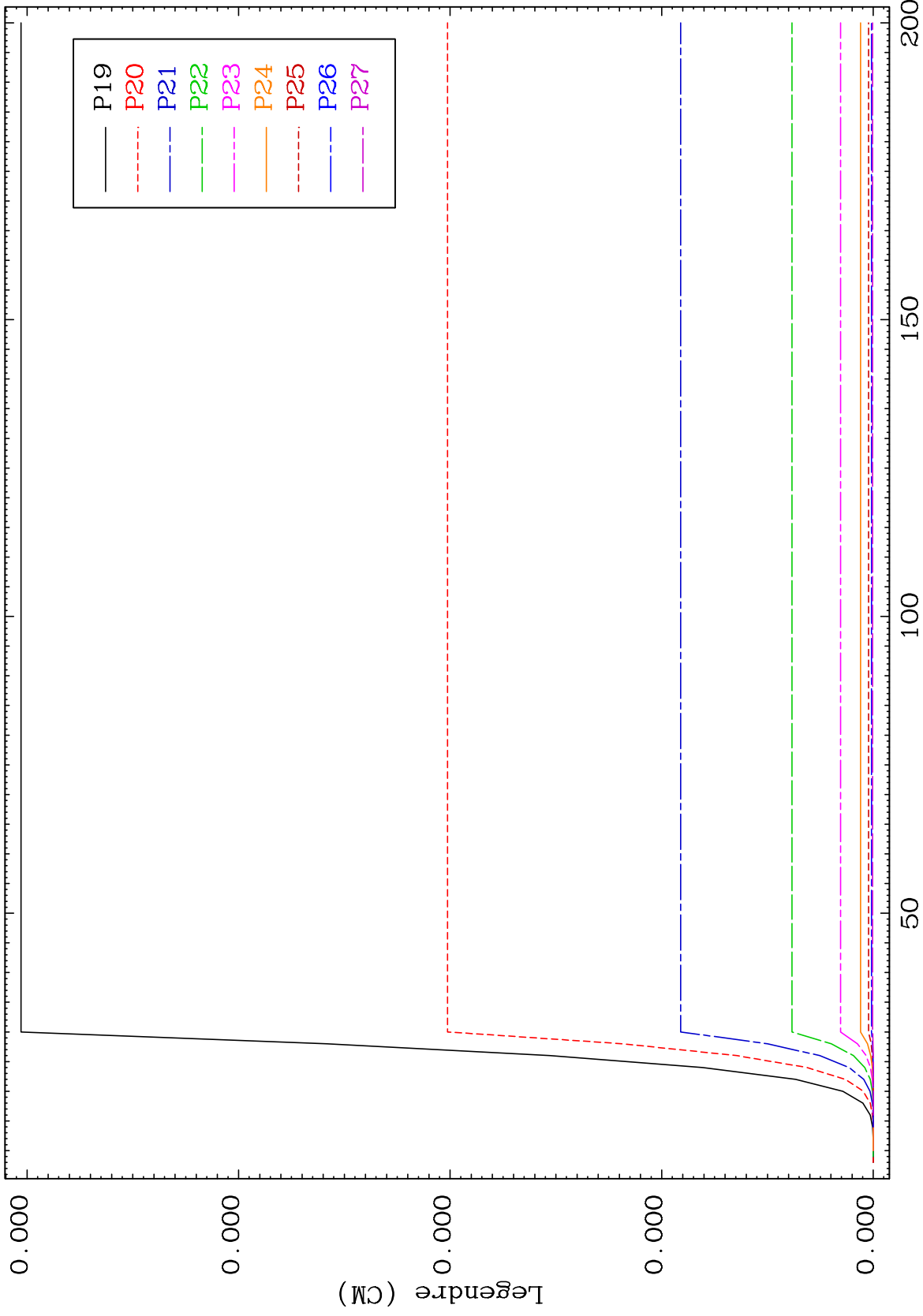
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 57 (n,n') Level
Legendre Coefficients

44-Ru-97



43

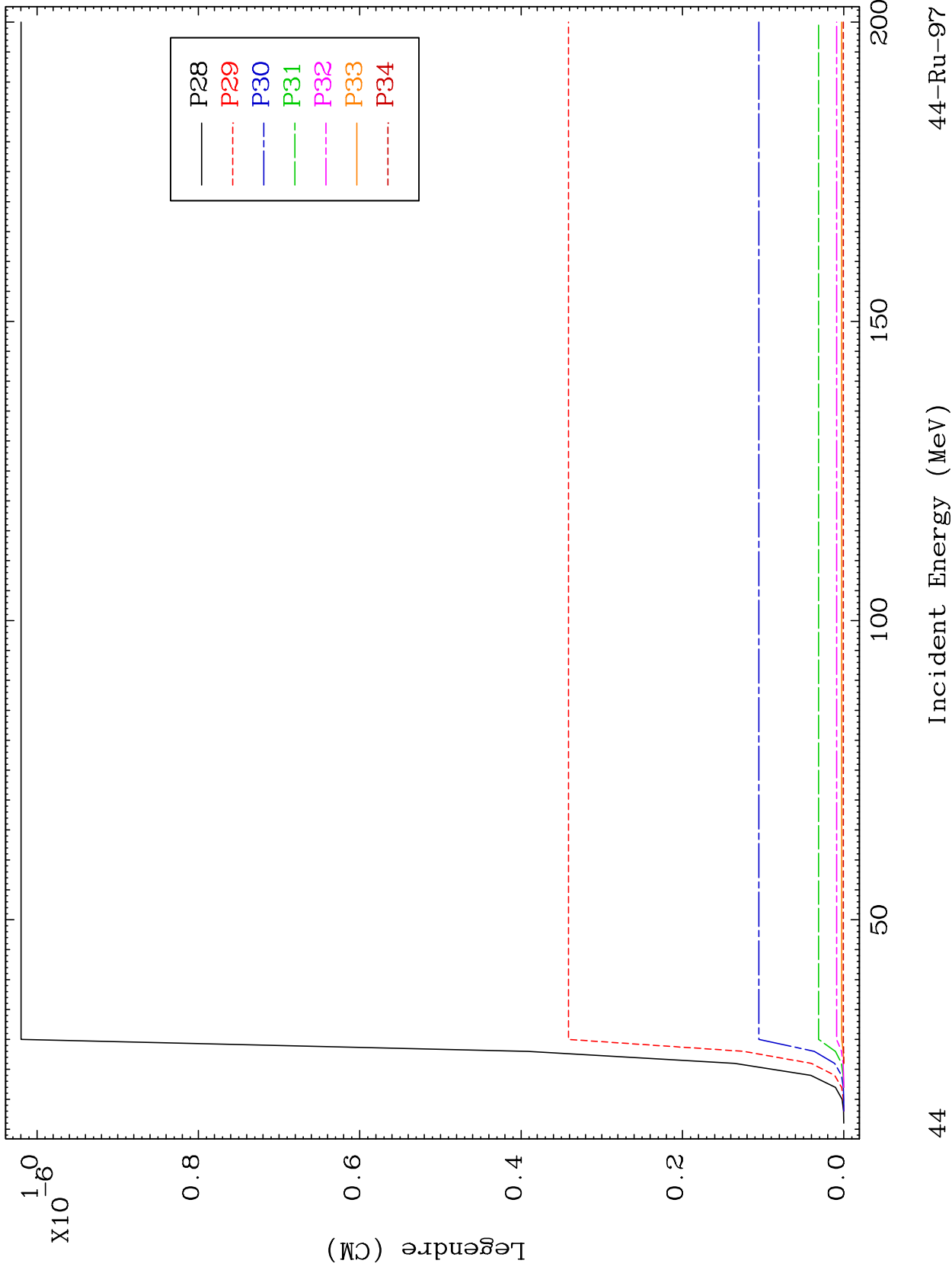
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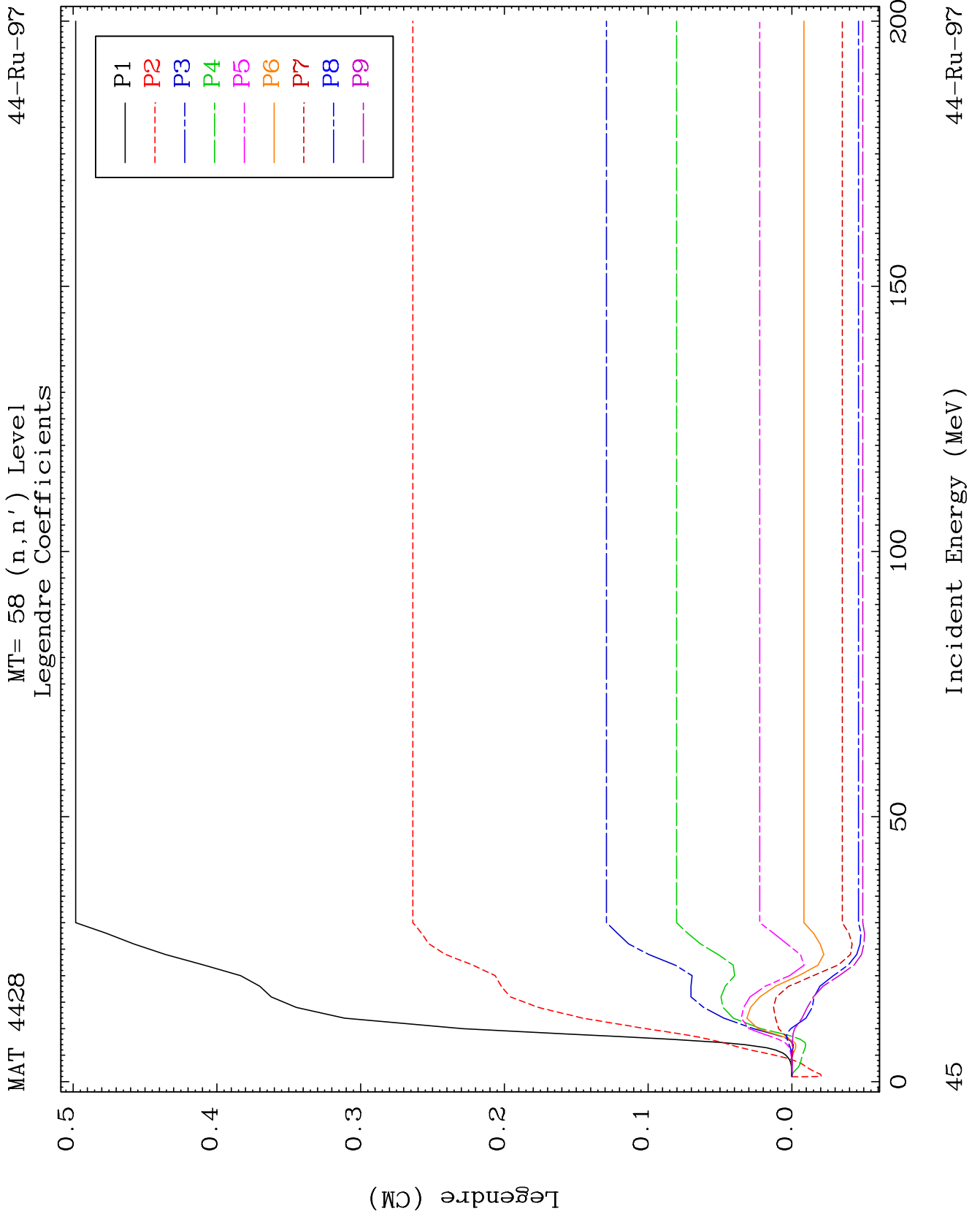
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MAT 4428

MT= 57 (n,n') Level
Legendre Coefficients

44-Ru-97

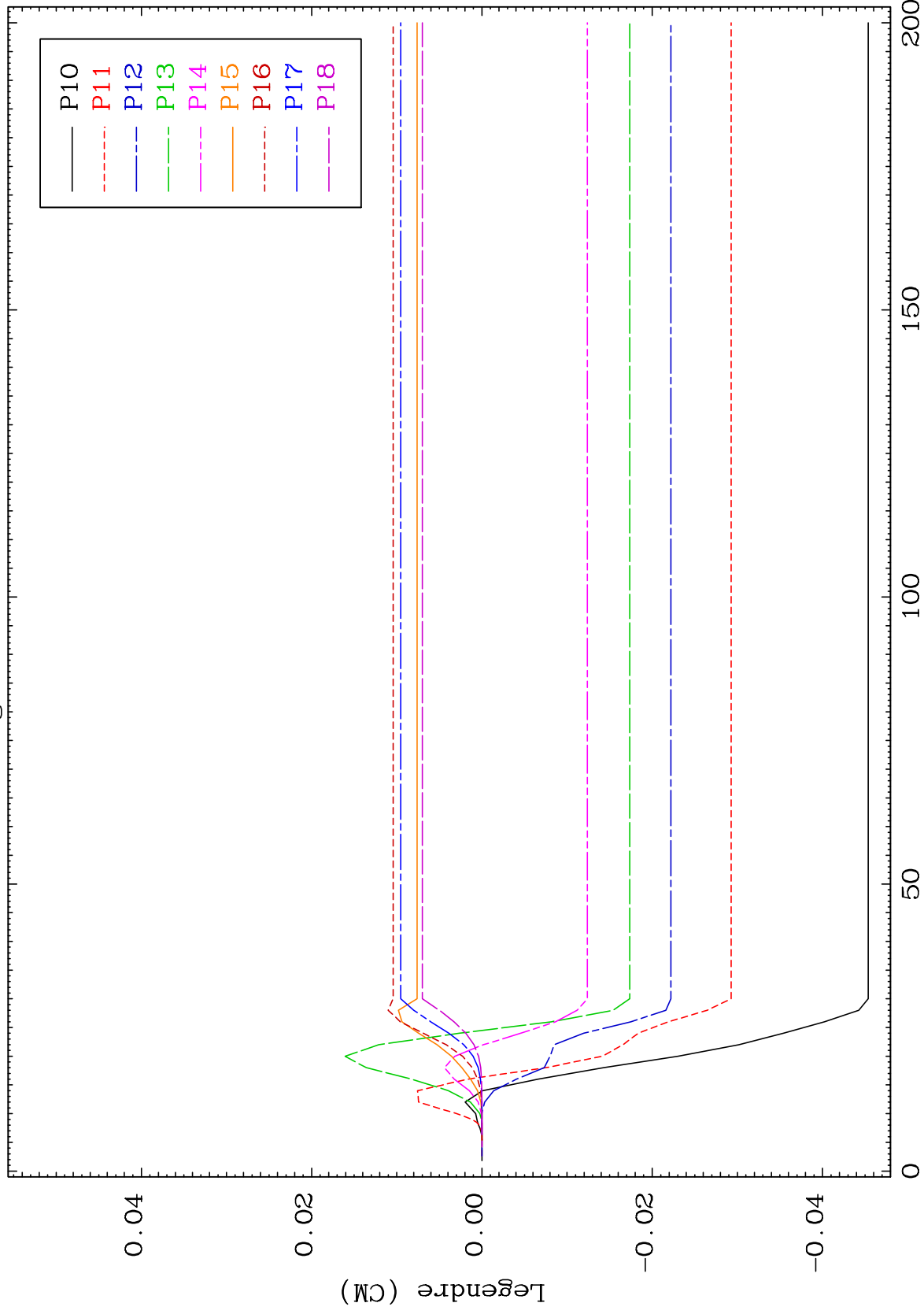




MAT 4428

MT= 58 (n,n') Level
Legendre Coefficients

44-Ru-97



46

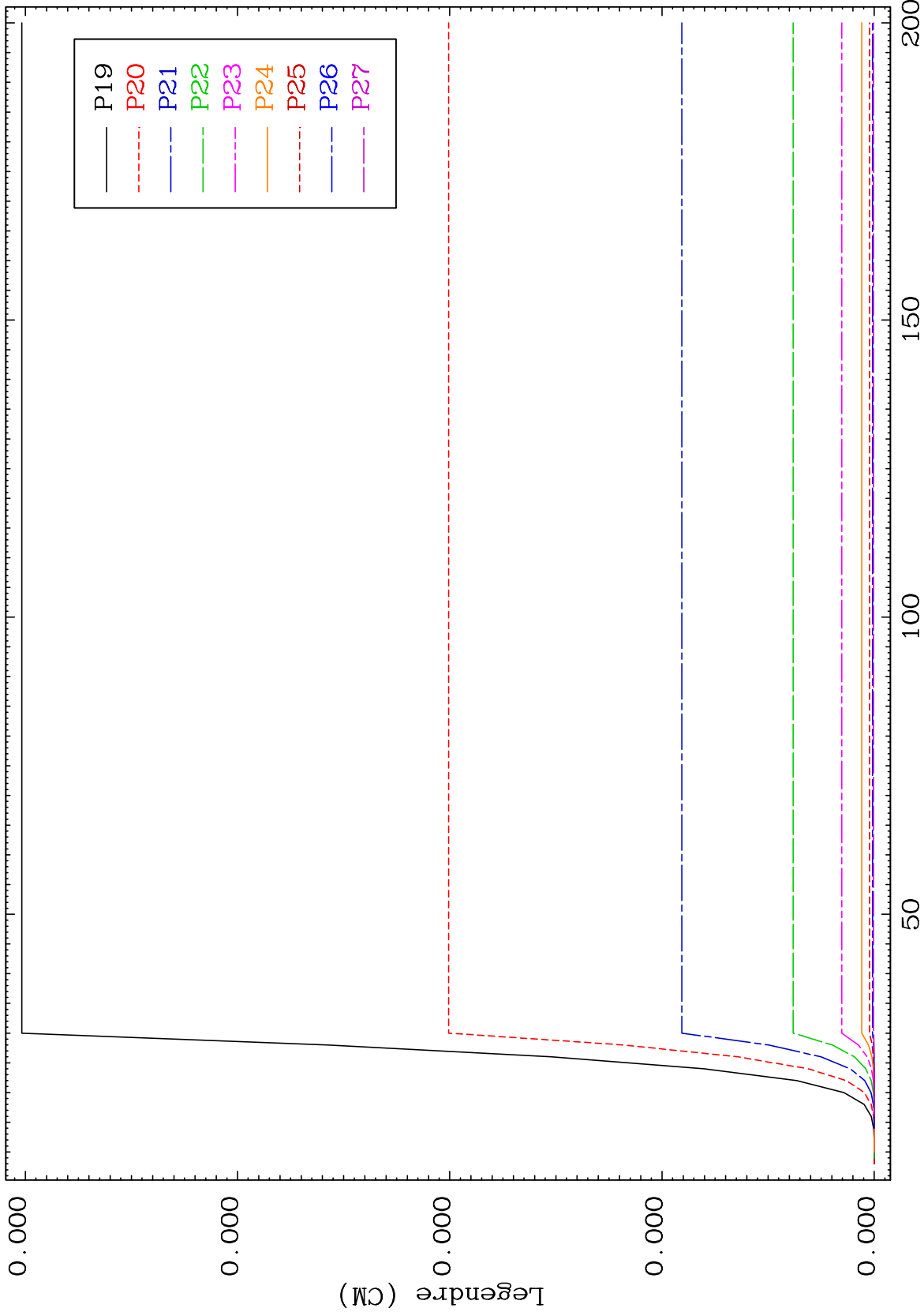
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 58 (n,n') Level
Legendre Coefficients

44-Ru-97



47

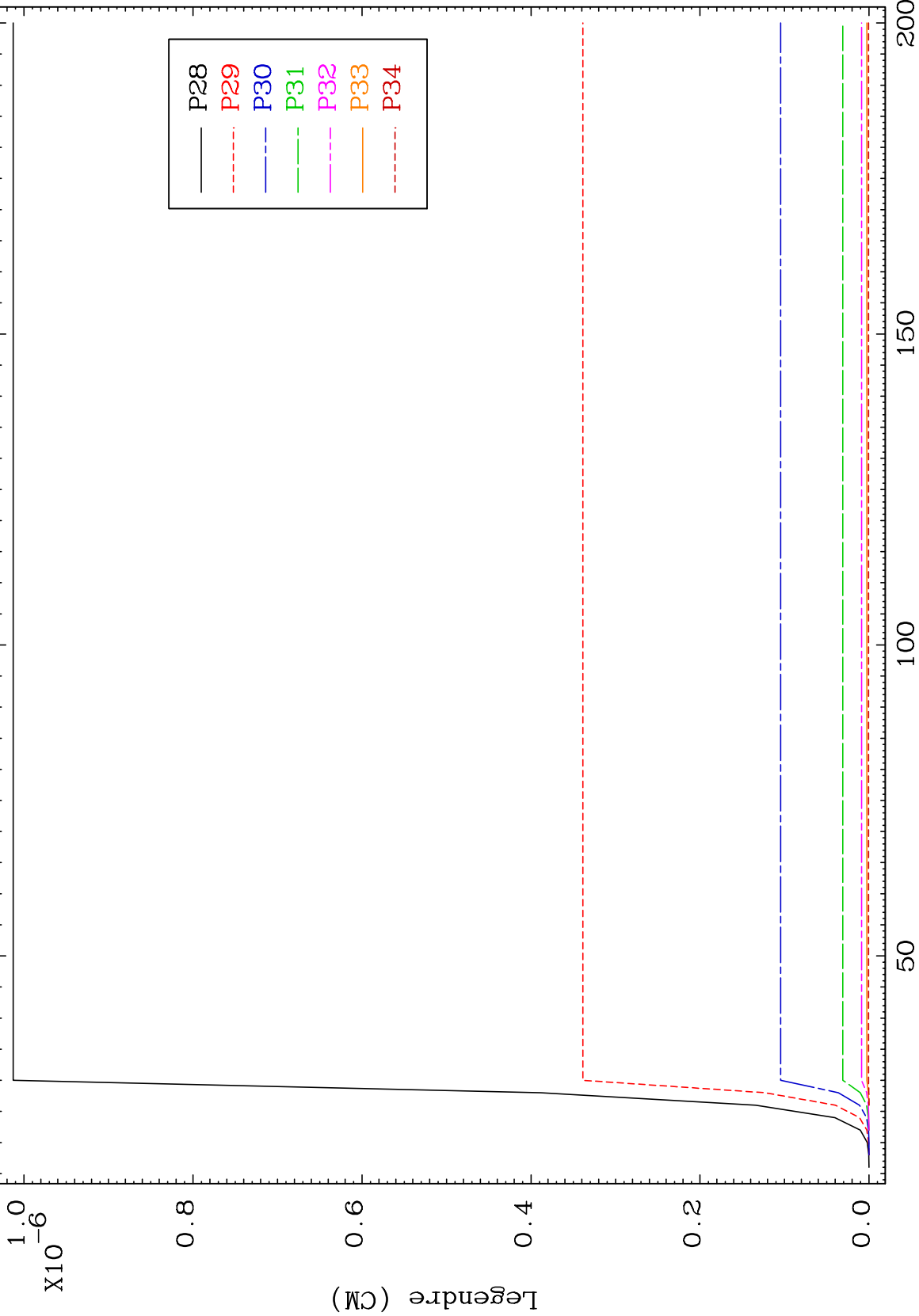
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 58 (n,n') Level
Legendre Coefficients

44-Ru-97



48

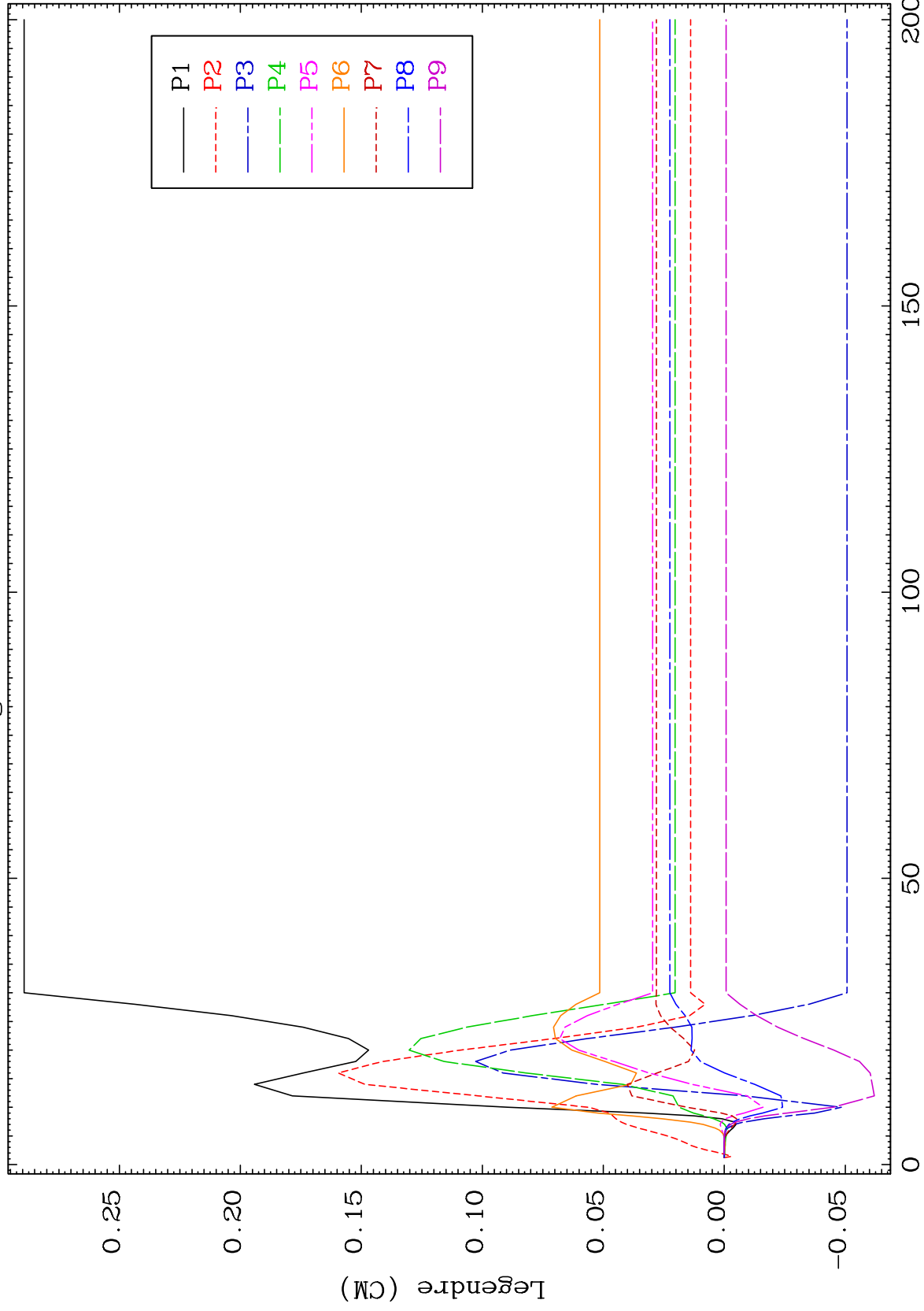
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 59 (n,n') Level
Legendre Coefficients

44-Ru-97



49

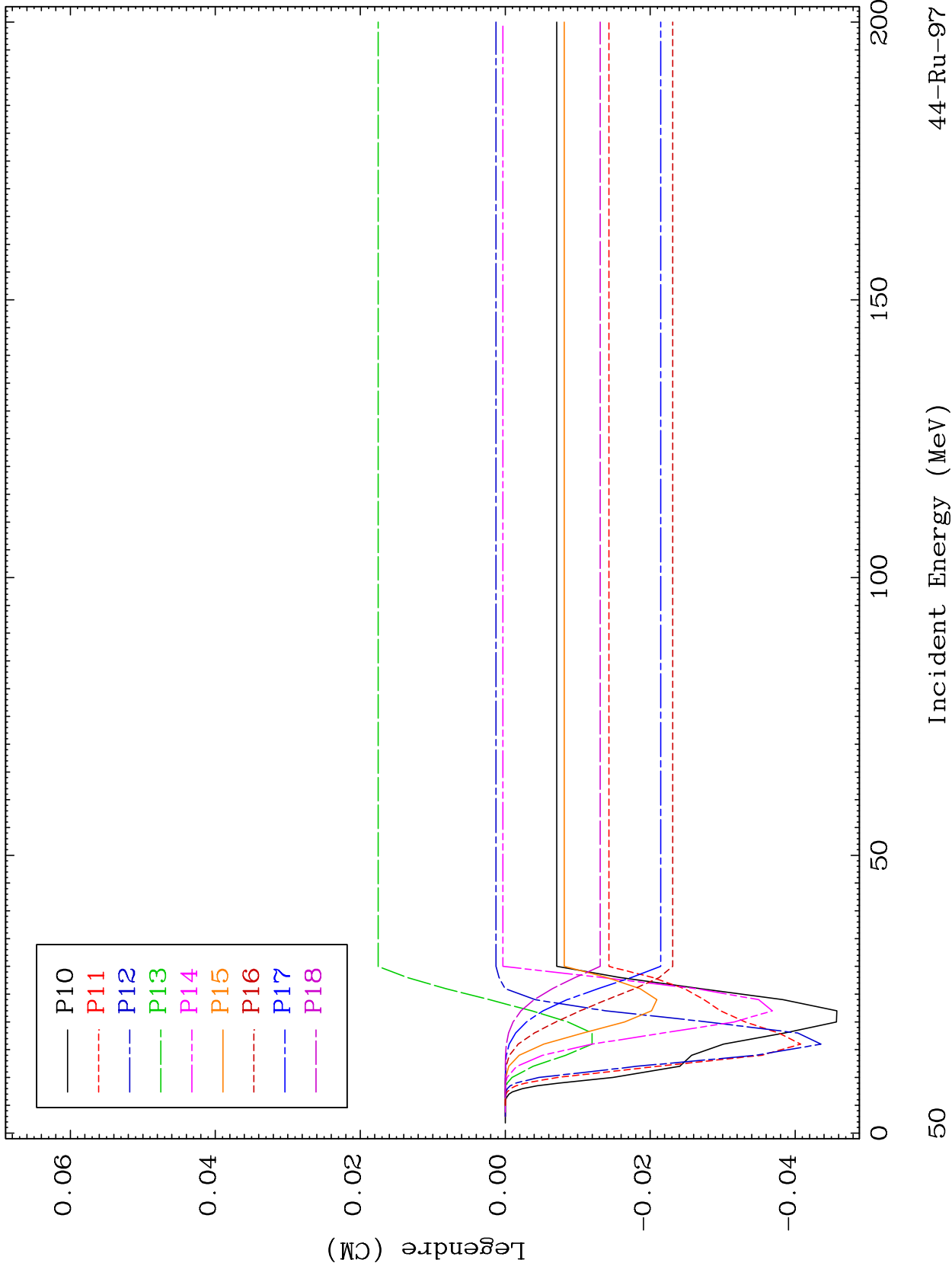
Incident Energy (MeV)

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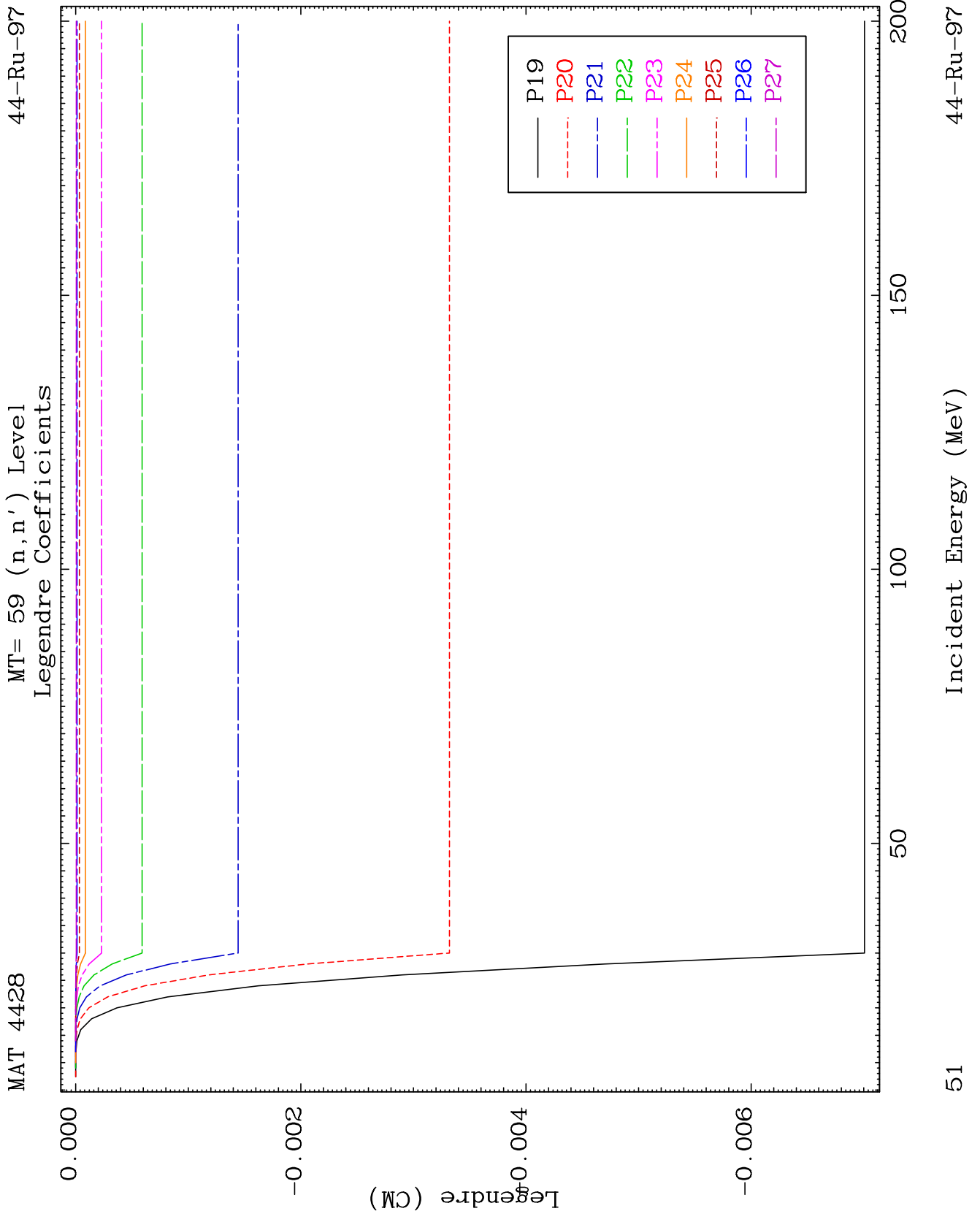
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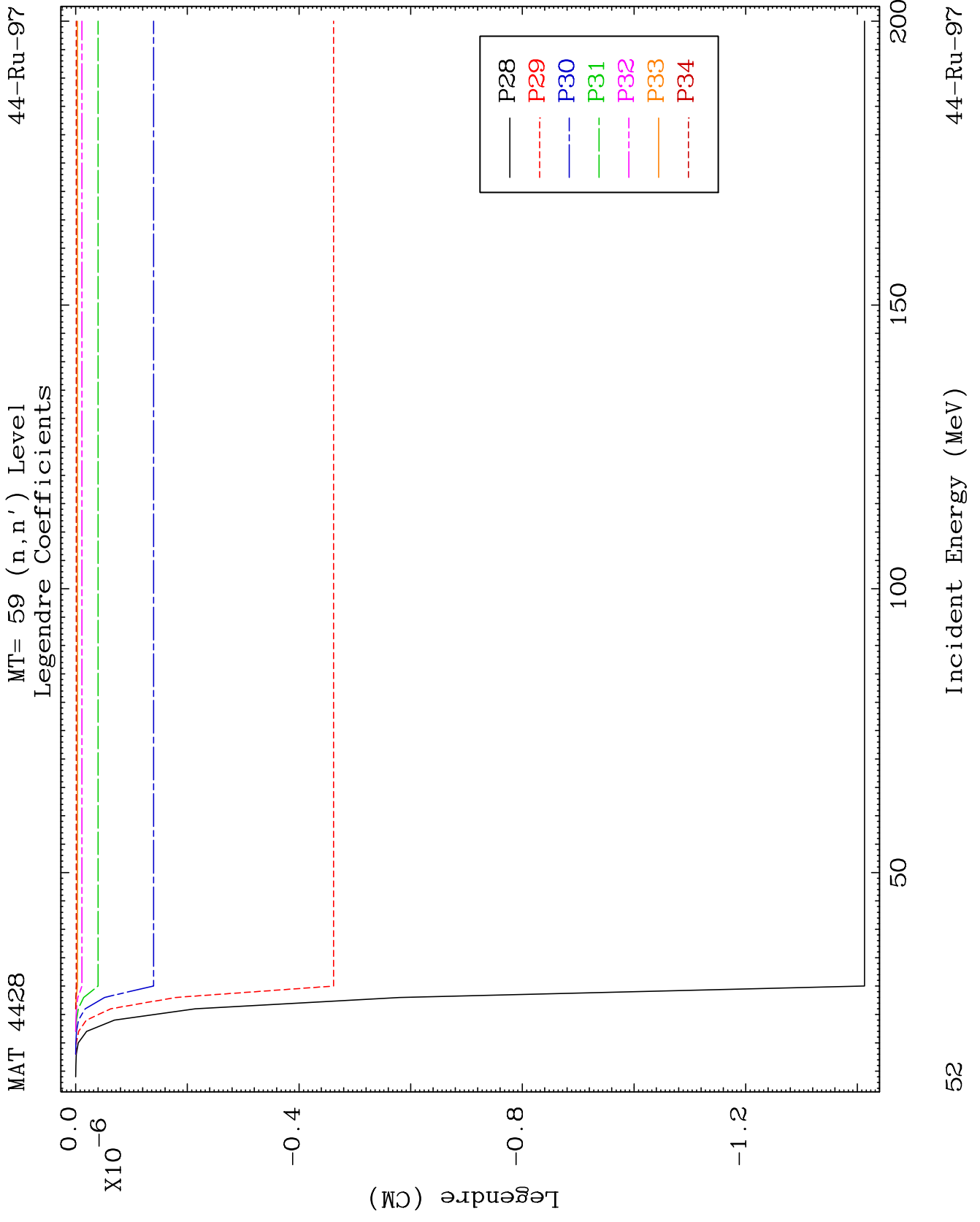
MT= 59 (n,n') Level
Legendre Coefficients

44-Ru-97



44-Ru-97

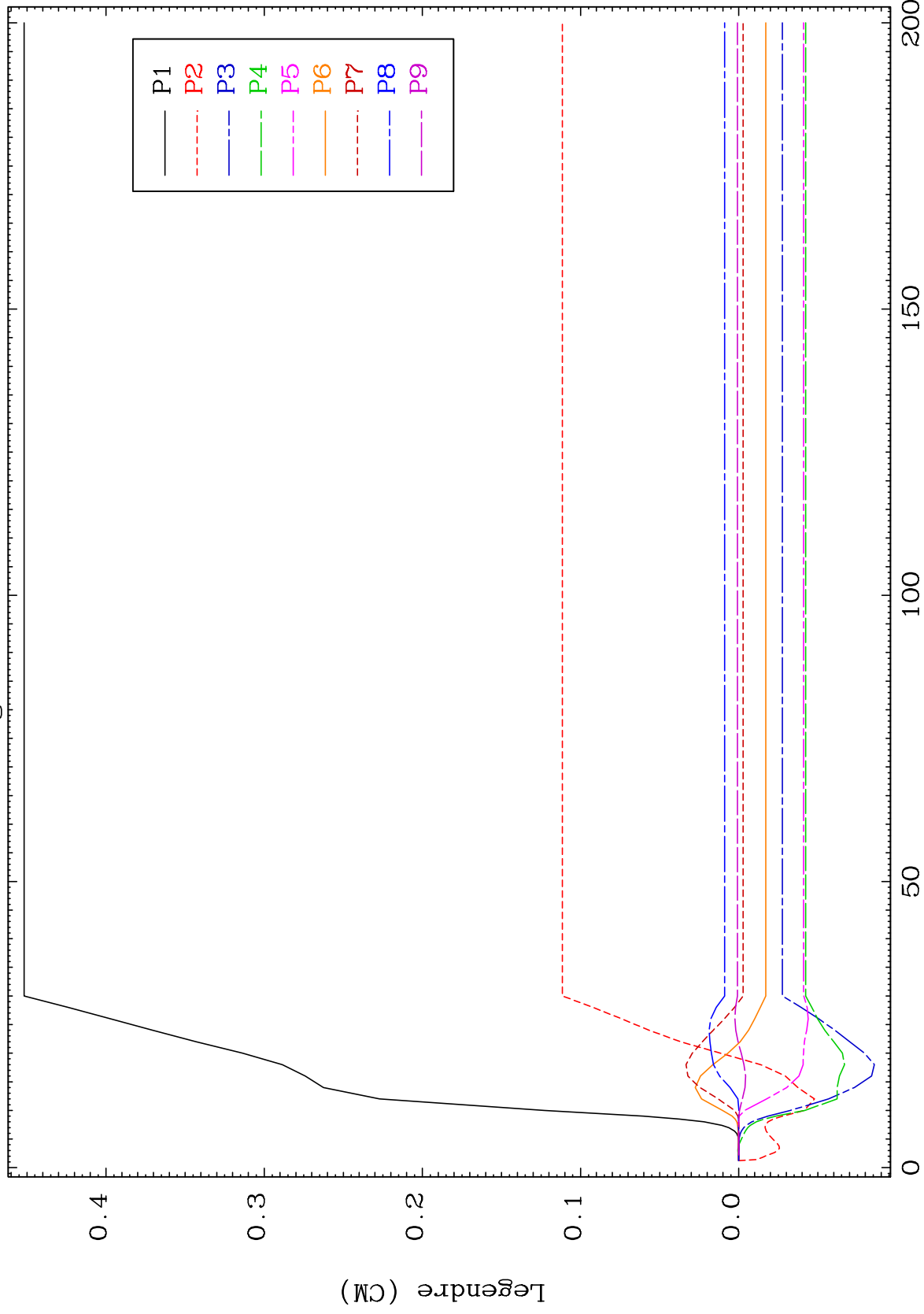




MAT 4428

MT= 60 (n,n') Level
Legendre Coefficients

44-Ru-97



53

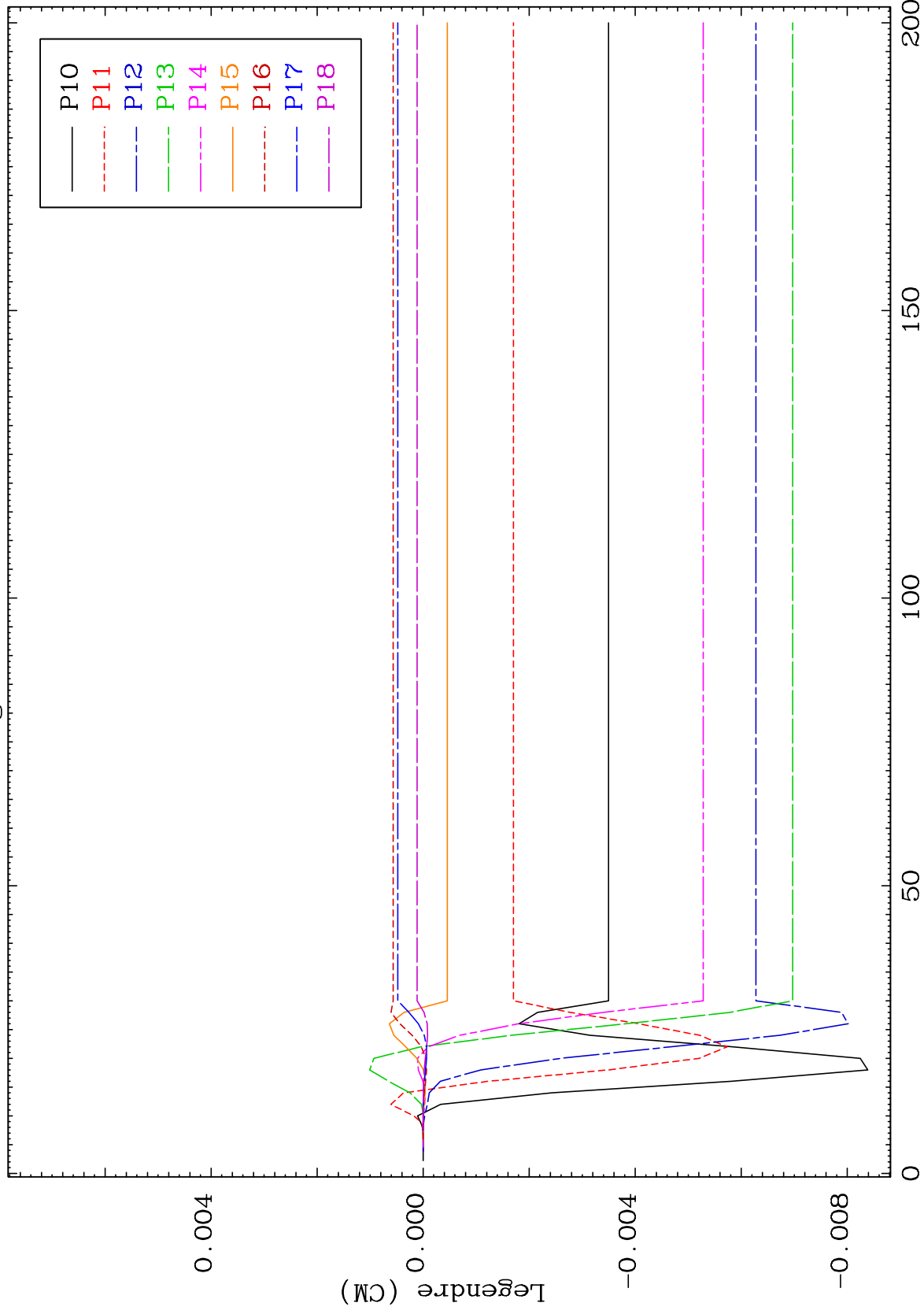
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 60 (n,n') Level
Legendre Coefficients

44-Ru-97



54

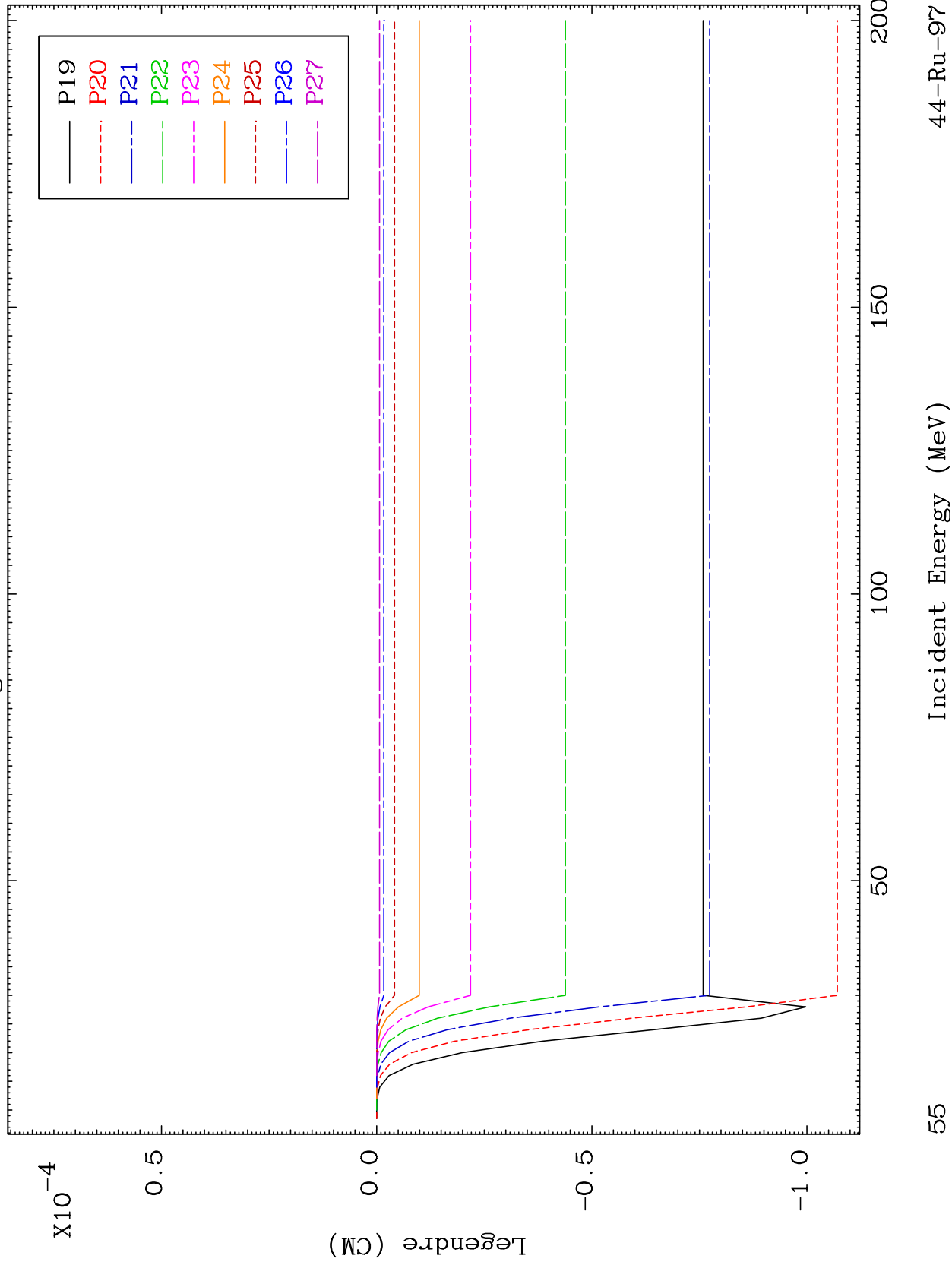
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 60 (n,n') Level
Legendre Coefficients

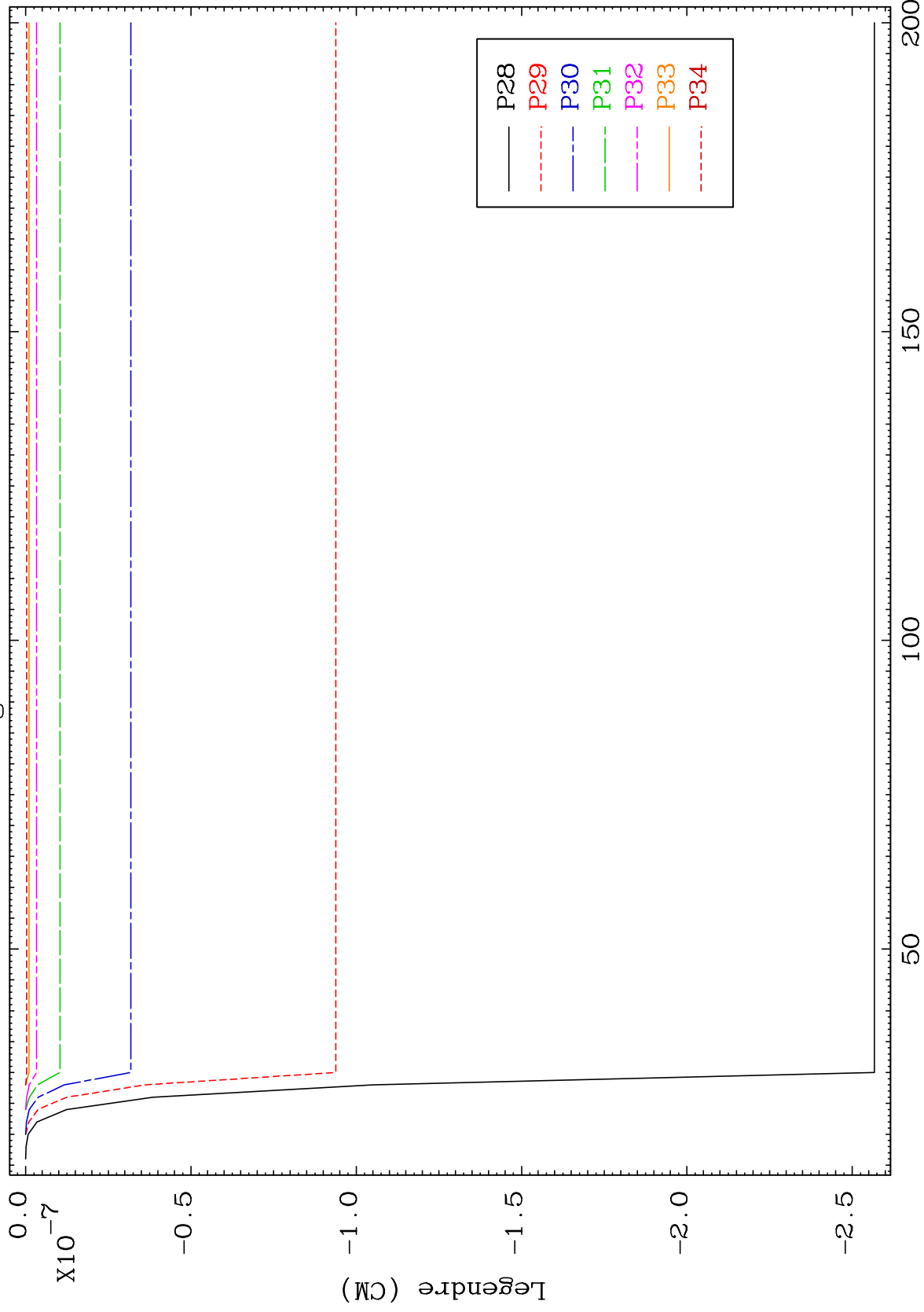
44-Ru-97



MAT 4428

MT= 60 (n,n') Level
Legendre Coefficients

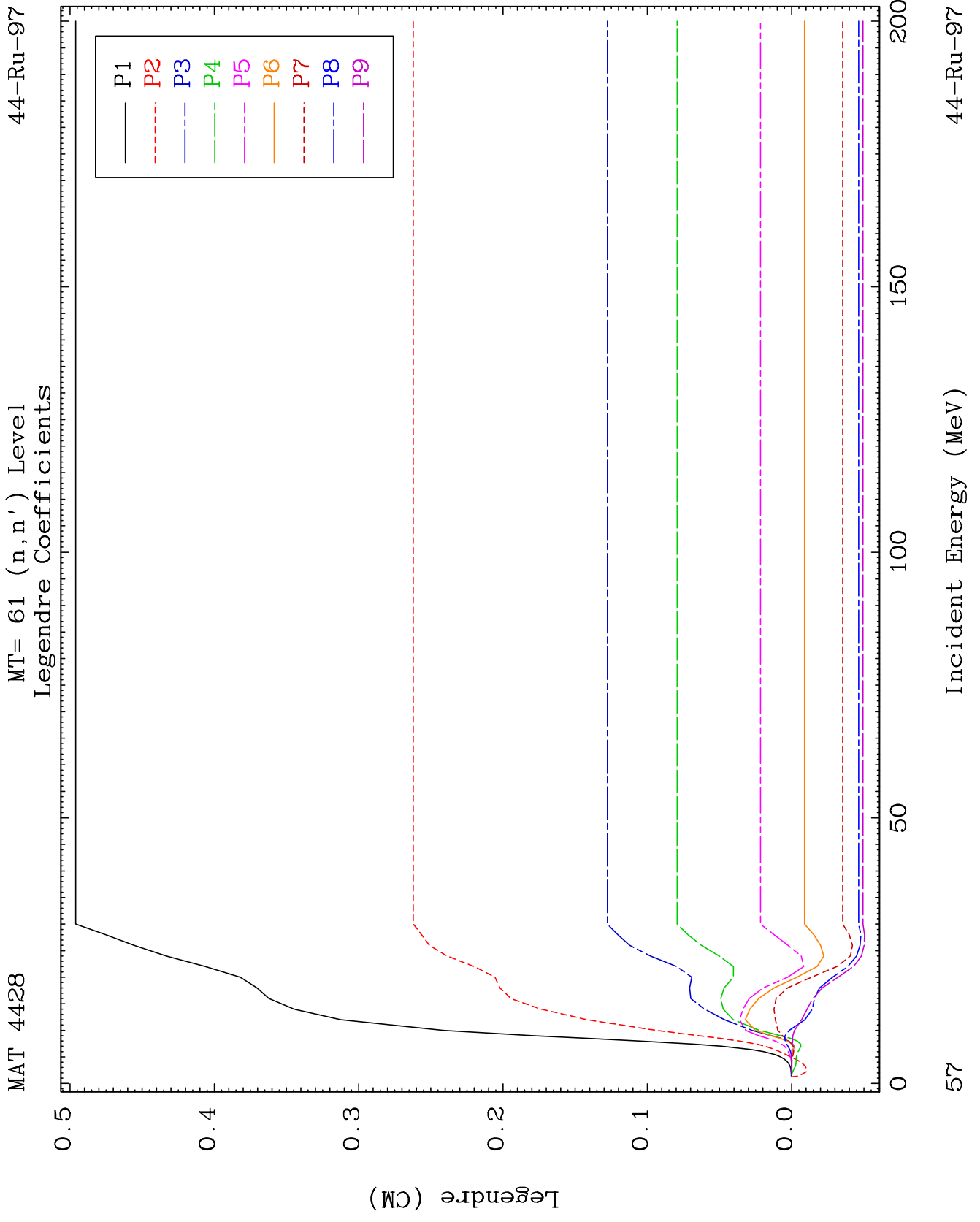
44-Ru-97



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Incident Energy (MeV)

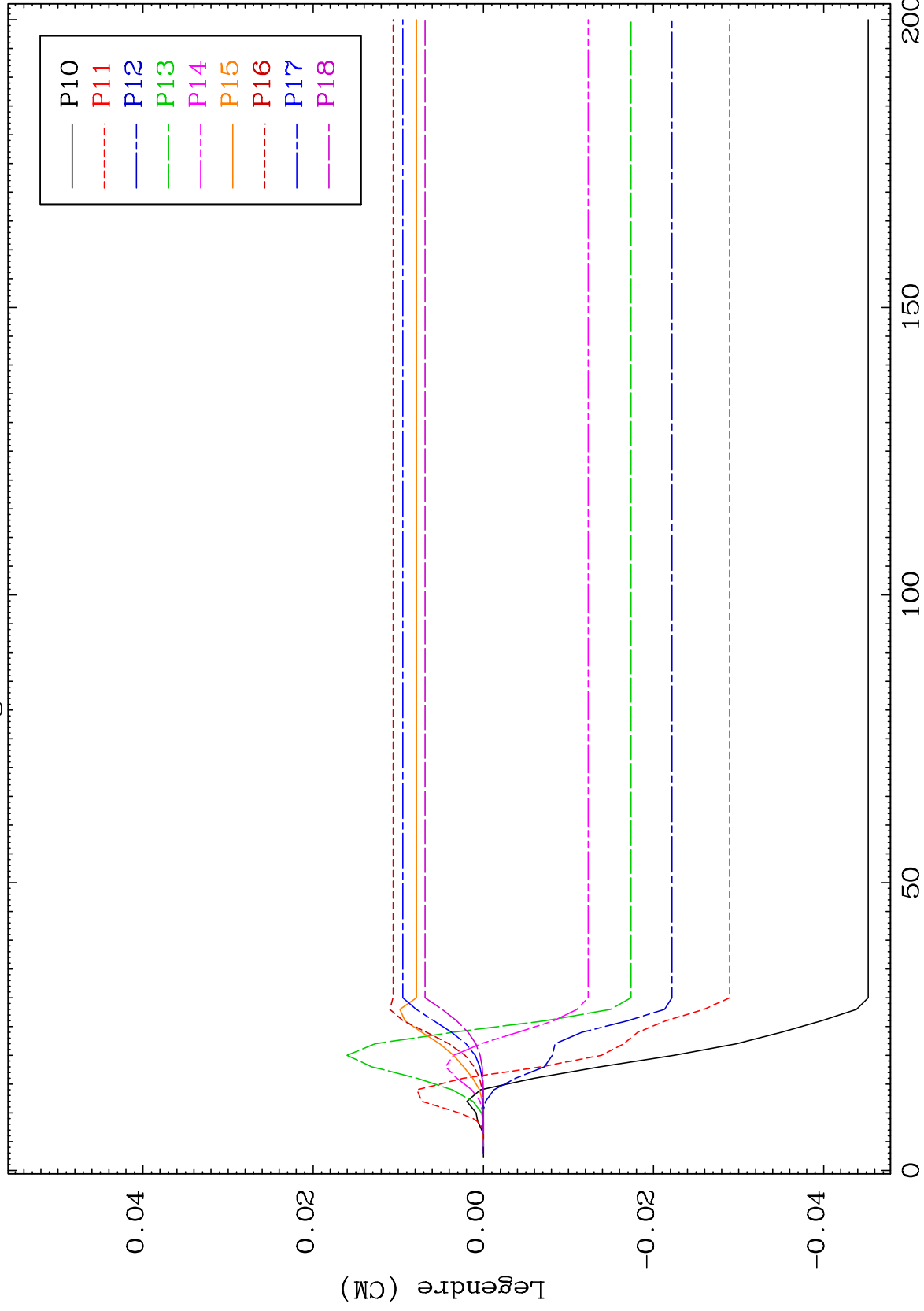
44-Ru-97



MAT 4428

MT= 61 (n,n') Level
Legendre Coefficients

44-Ru-97



58

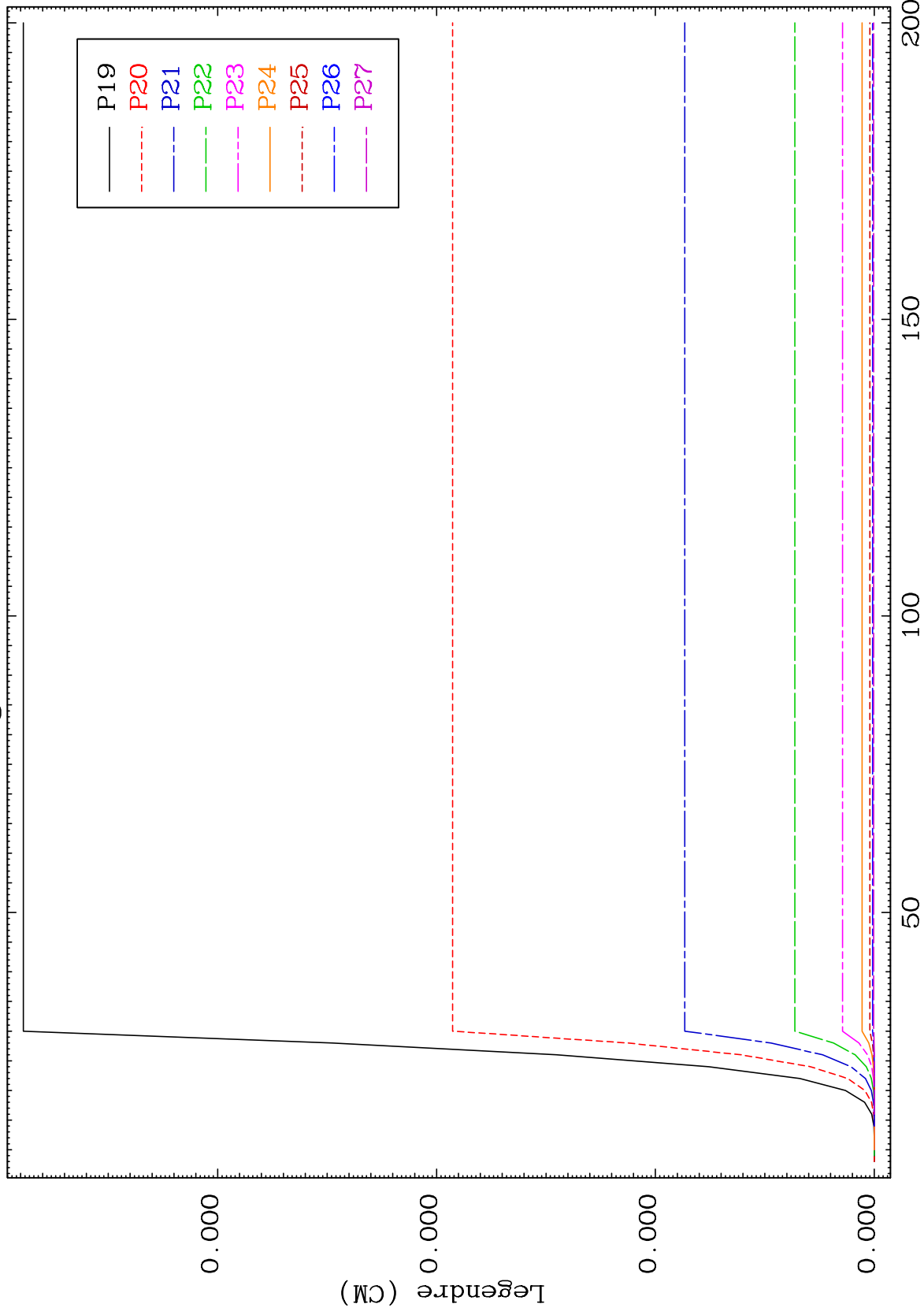
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 61 (n,n') Level
Legendre Coefficients

44-Ru-97



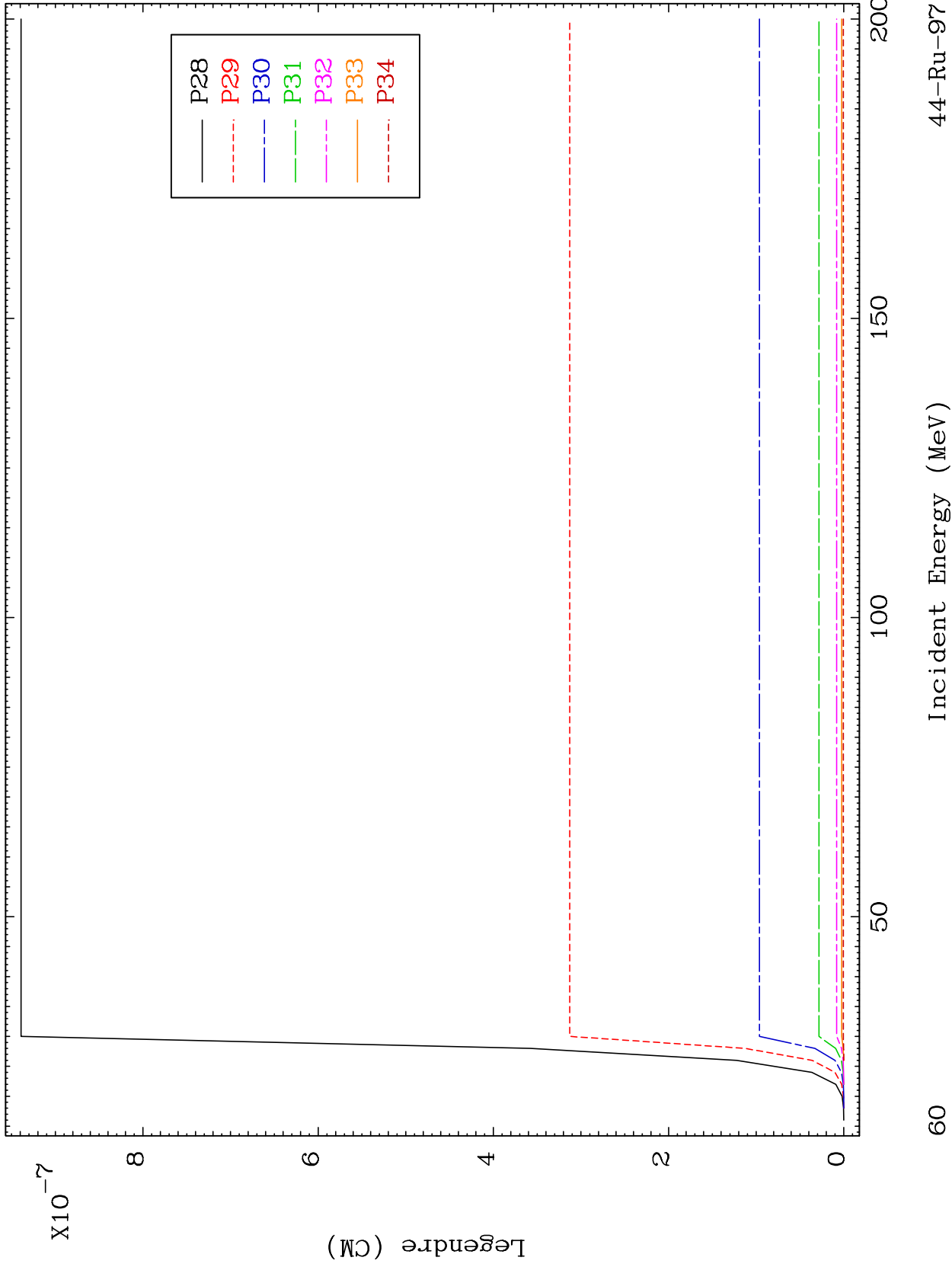
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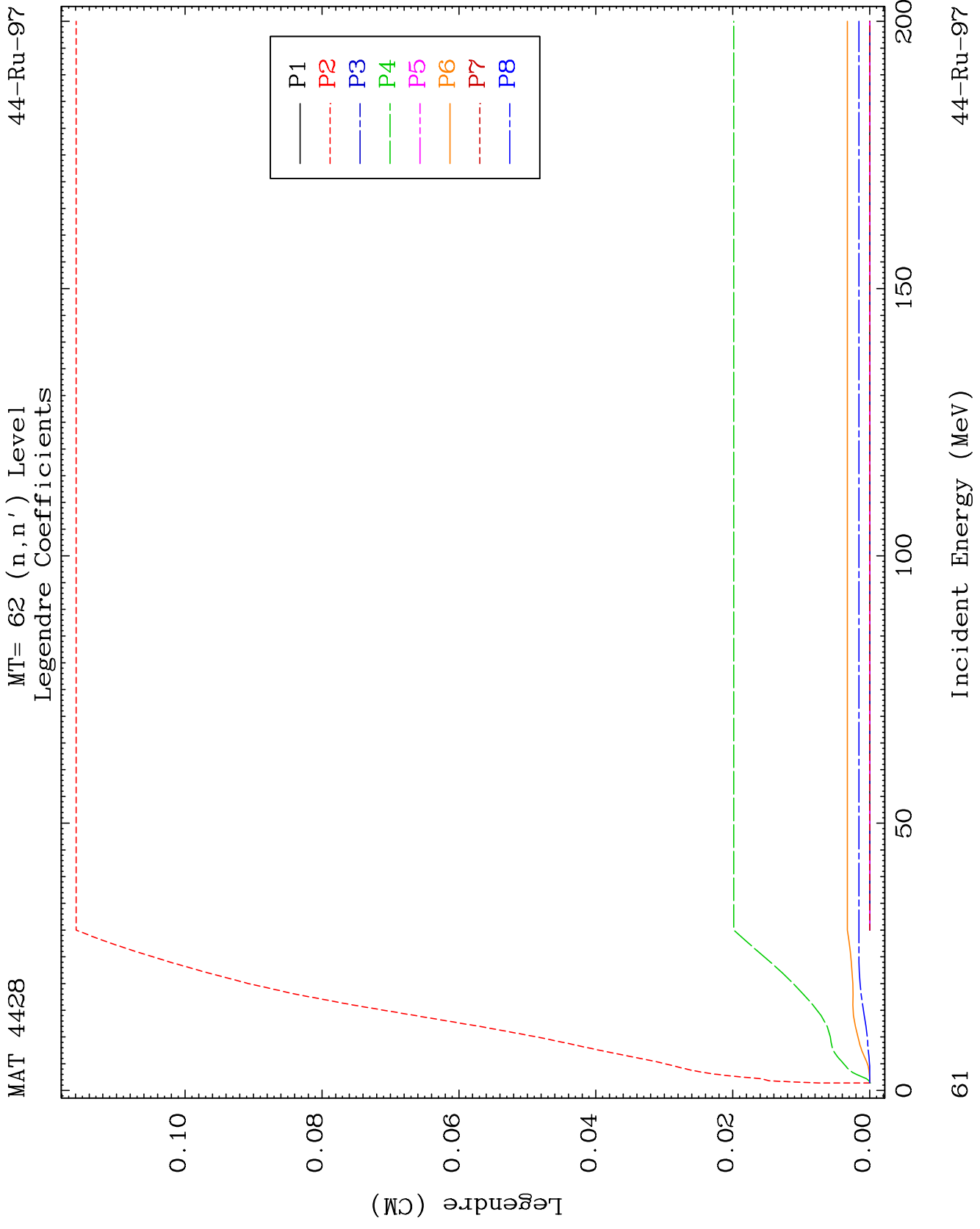
44-Ru-97

MAT 4428

MT= 61 (n,n') Level
Legendre Coefficients

44-Ru-97

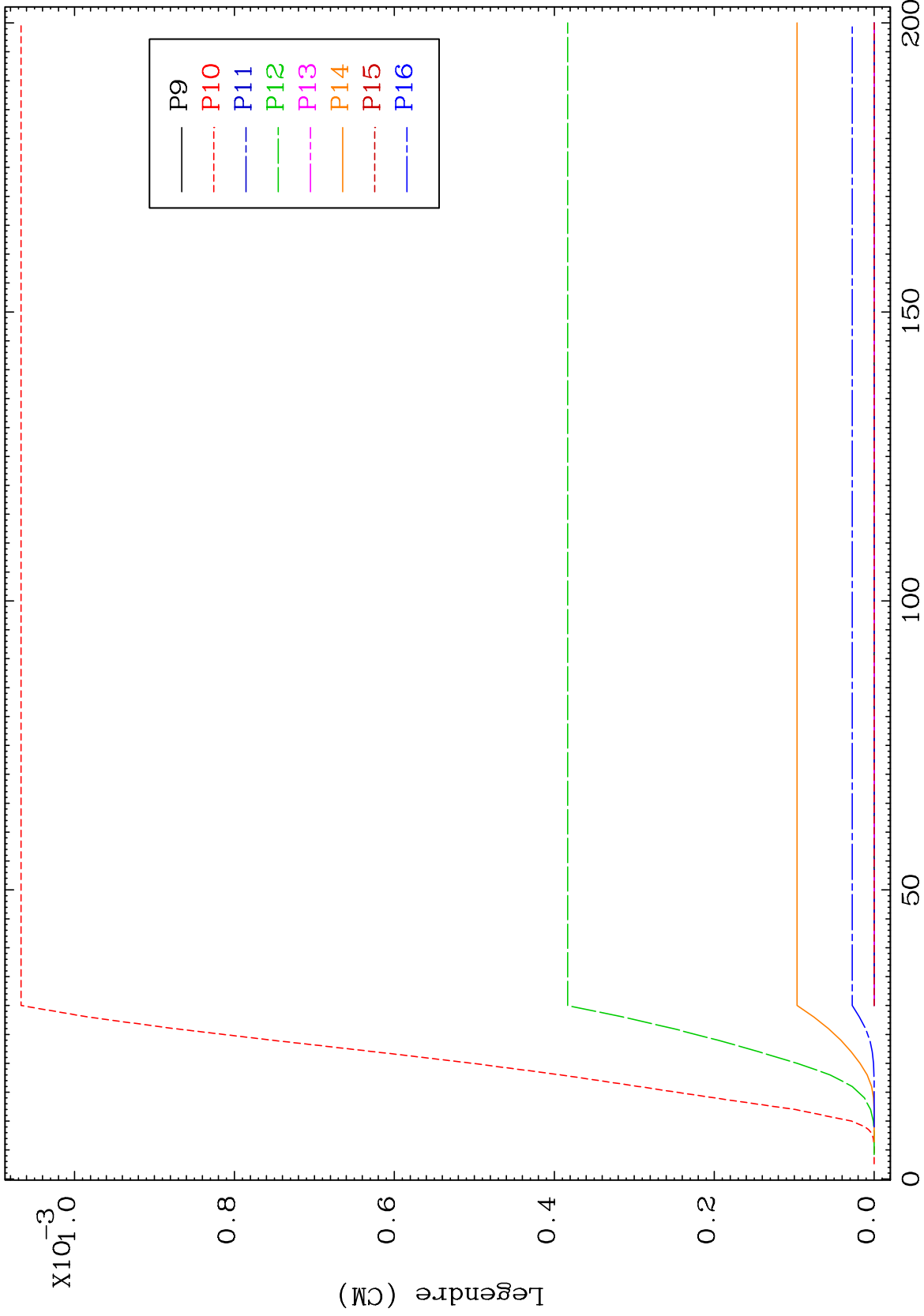




MAT 4428

MT= 62 (n,n') Level
Legendre Coefficients

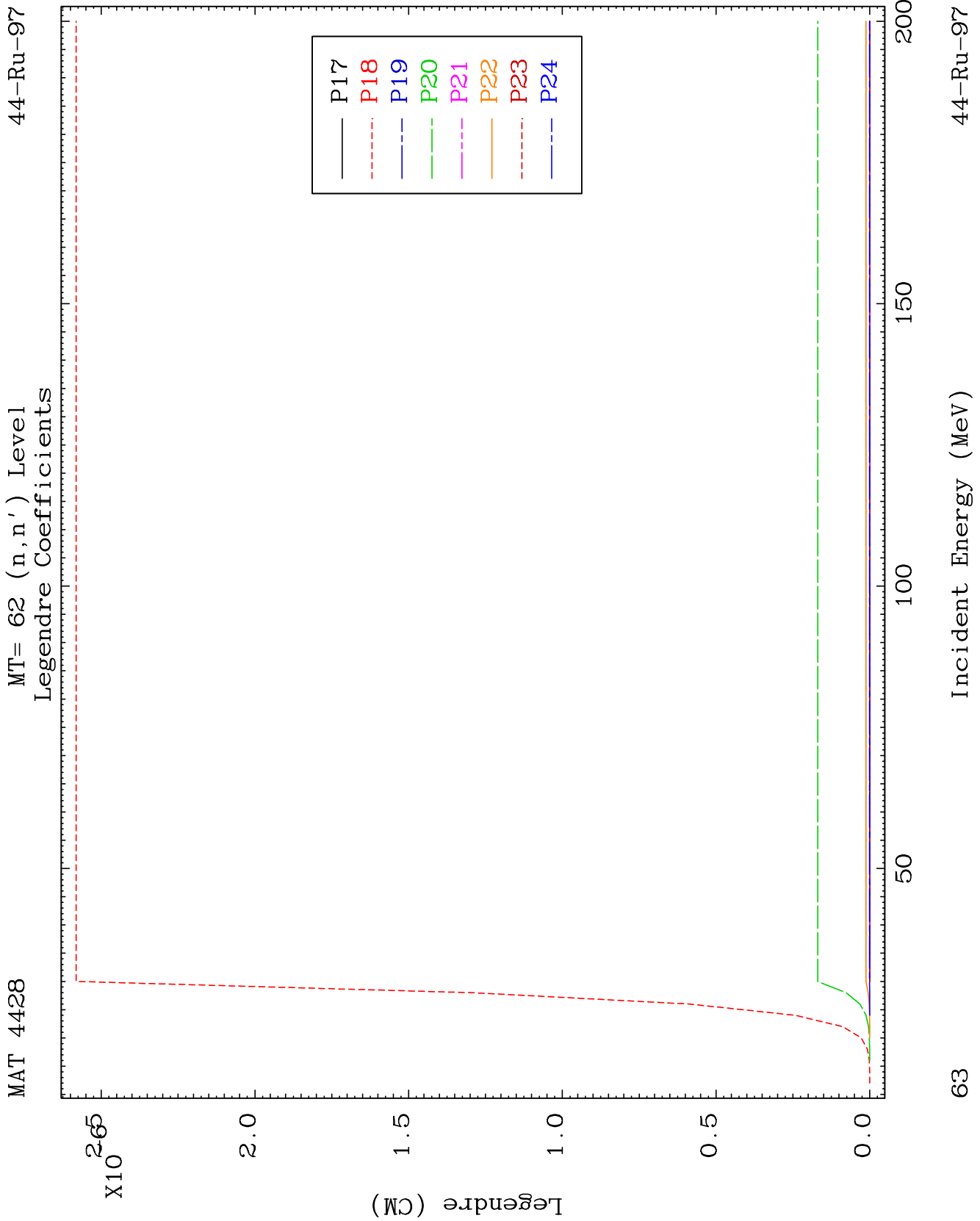
44-Ru-97



62

Incident Energy (MeV)

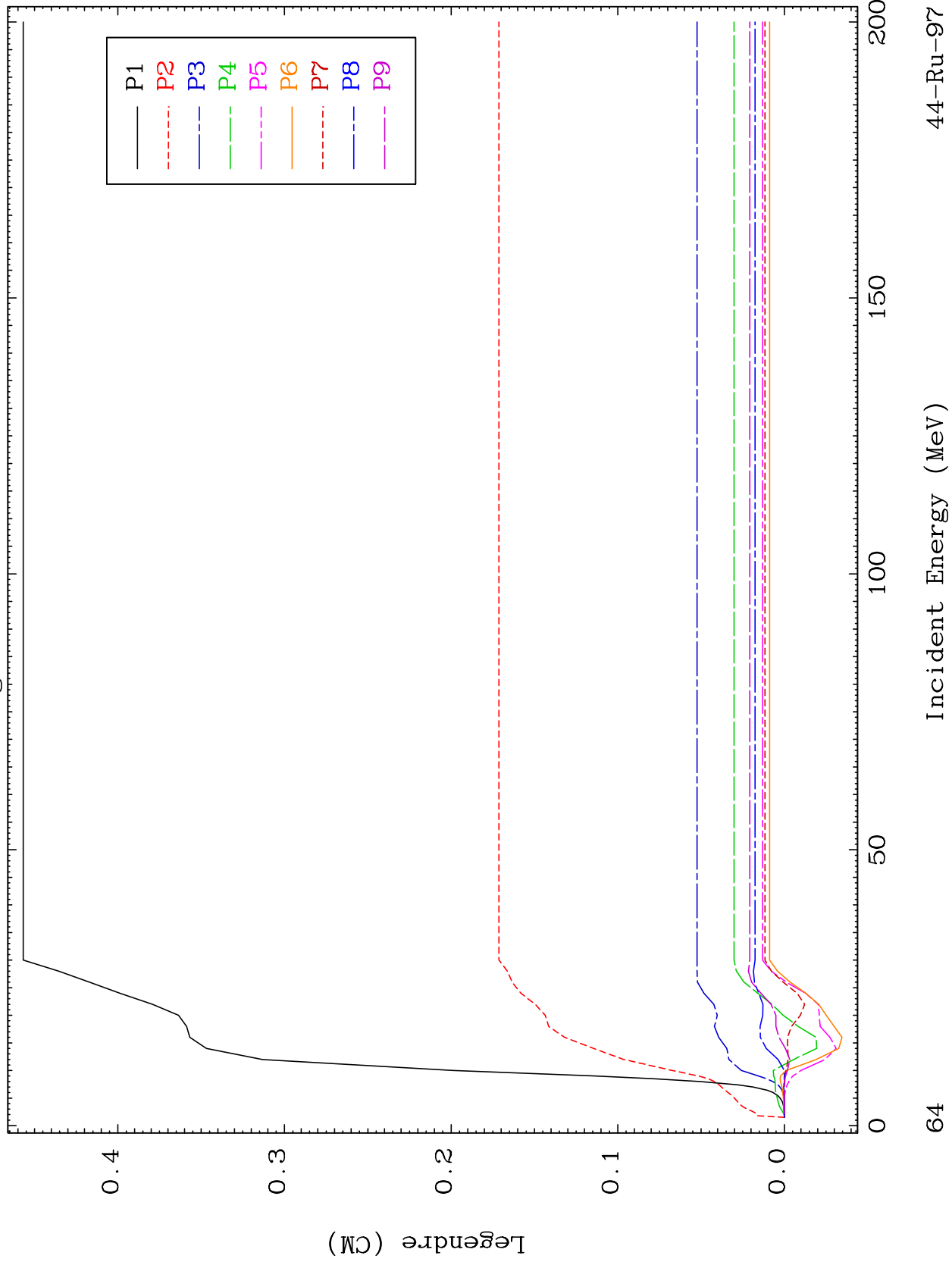
44-Ru-97



MAT 4428

MT= 63 (n,n') Level
Legendre Coefficients

44-Ru-97



44-Ru-97

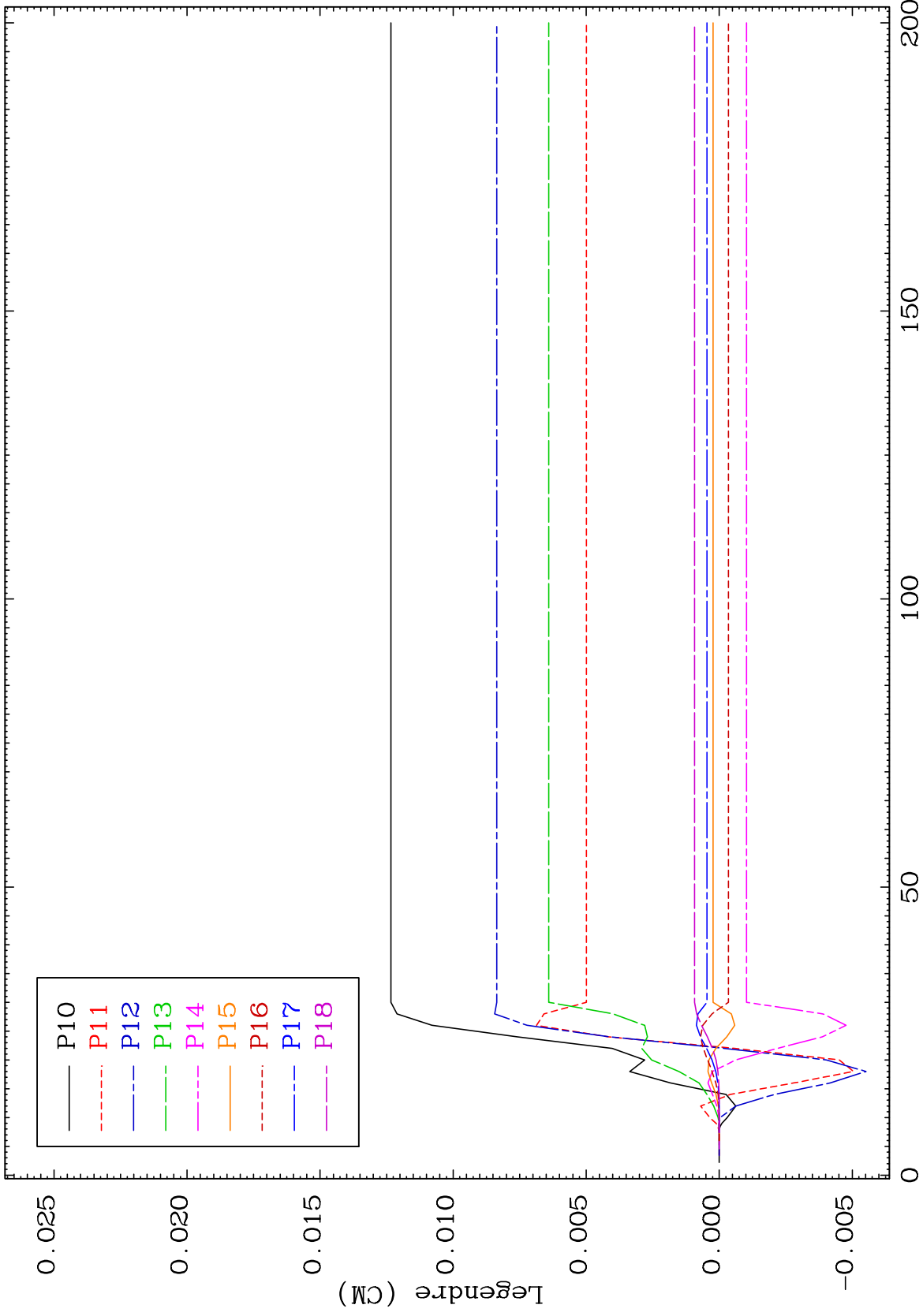
Incident Energy (MeV)

64

MAT 4428

MT= 63 (n,n') Level
Legendre Coefficients

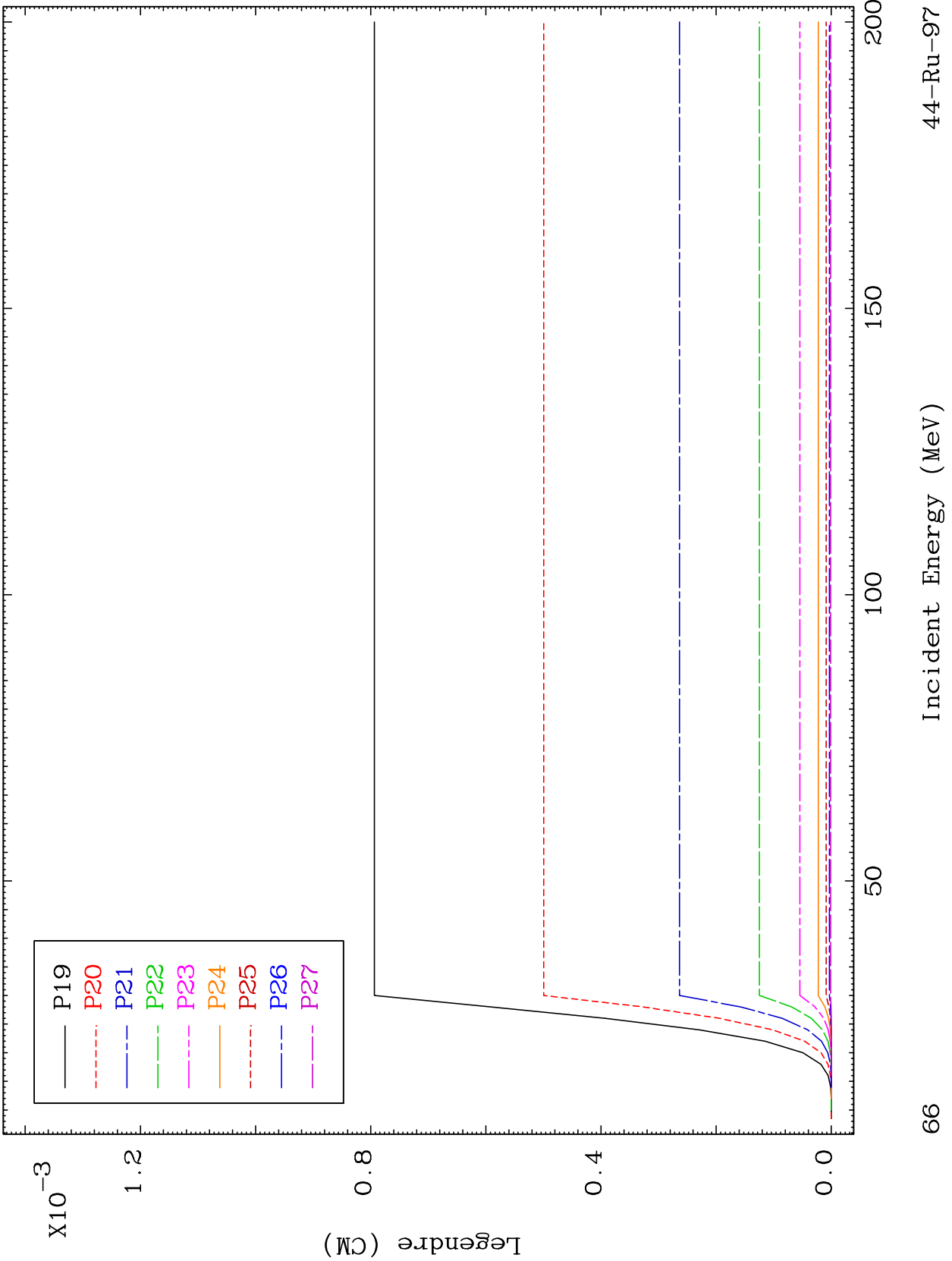
44-Ru-97



65

Incident Energy (MeV)

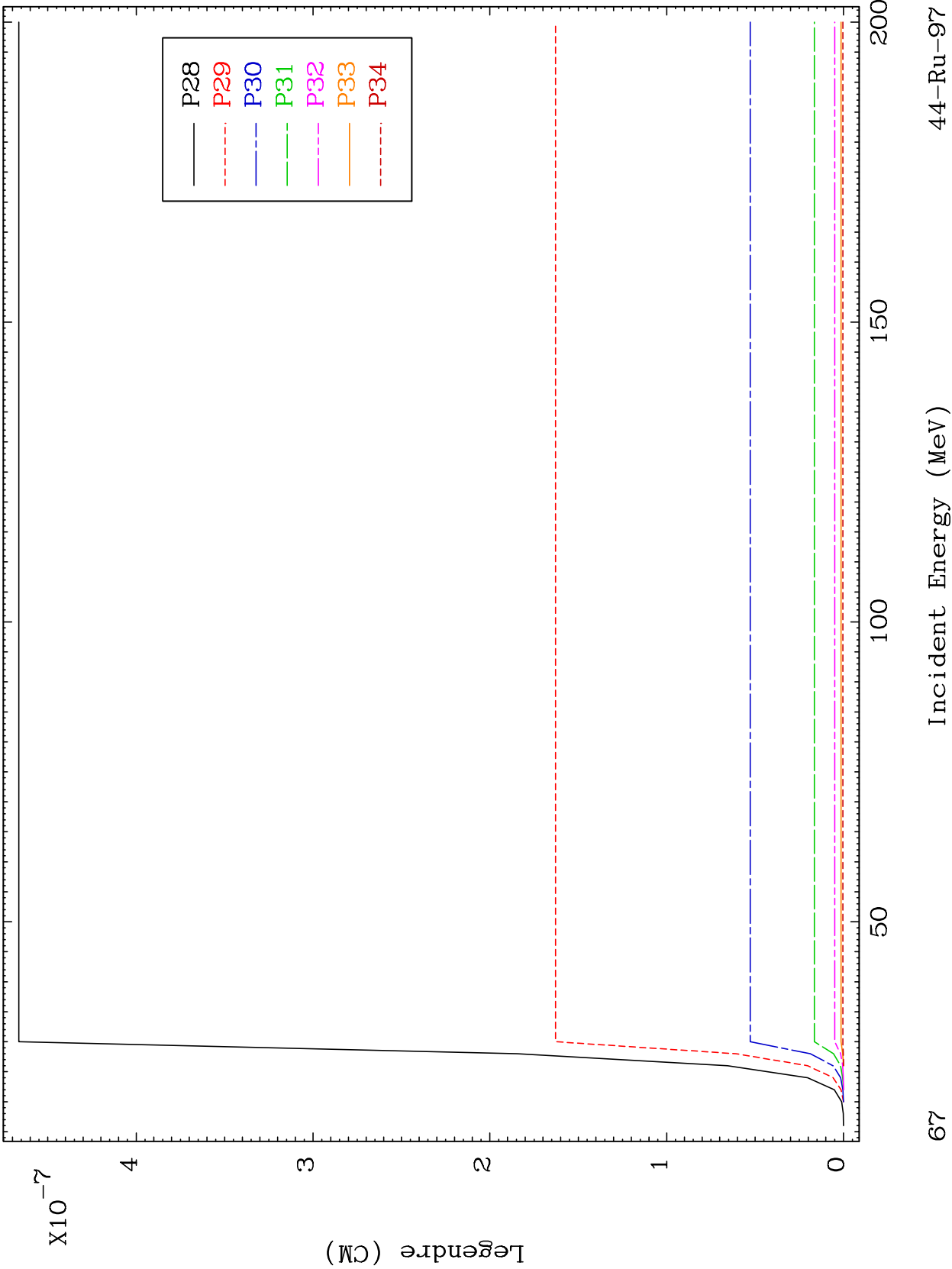
44-Ru-97



MAT 4428

MT= 63 (n,n') Level
Legendre Coefficients

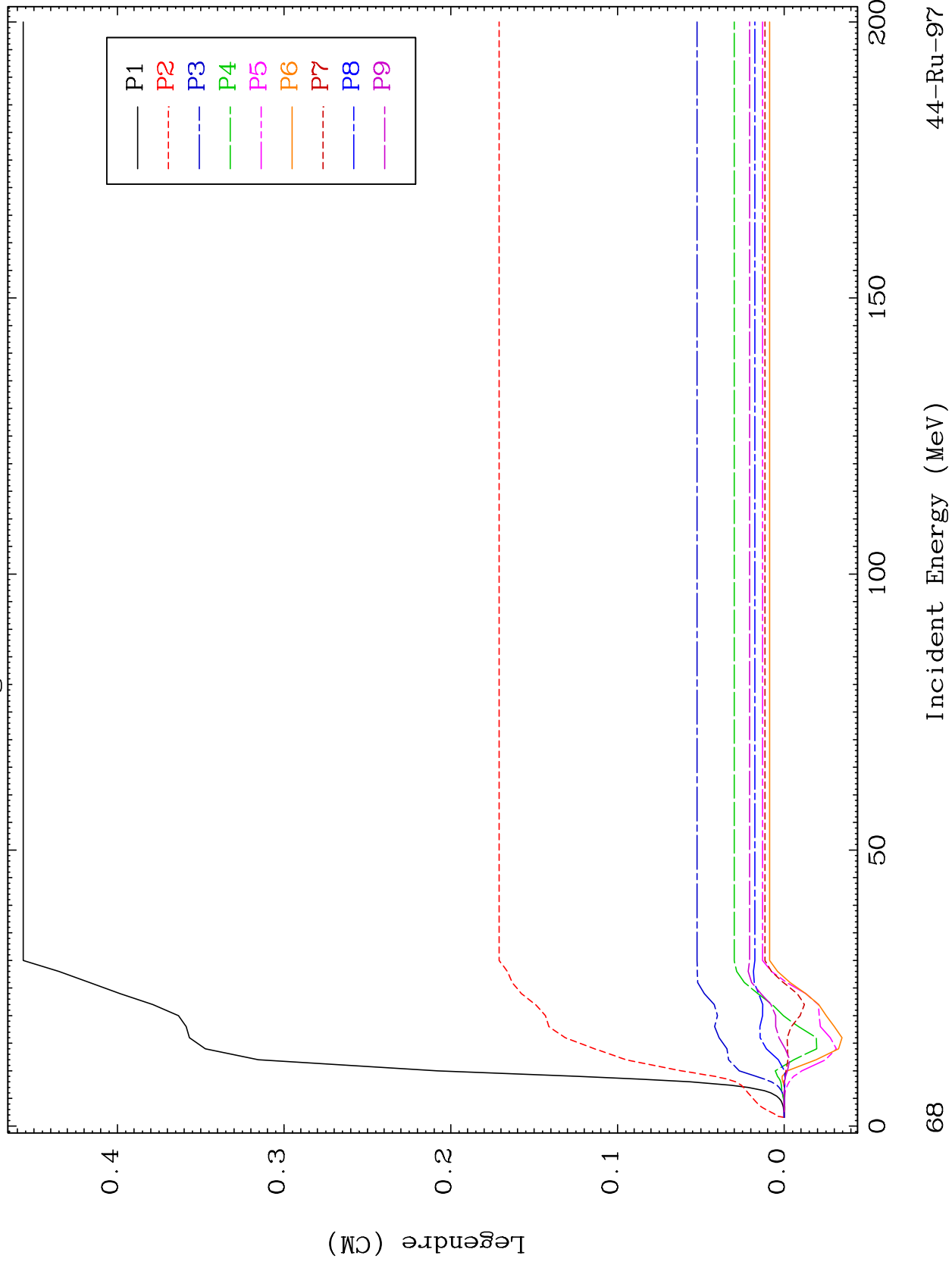
44-Ru-97



MAT 4428

MT= 64 (n,n') Level
Legendre Coefficients

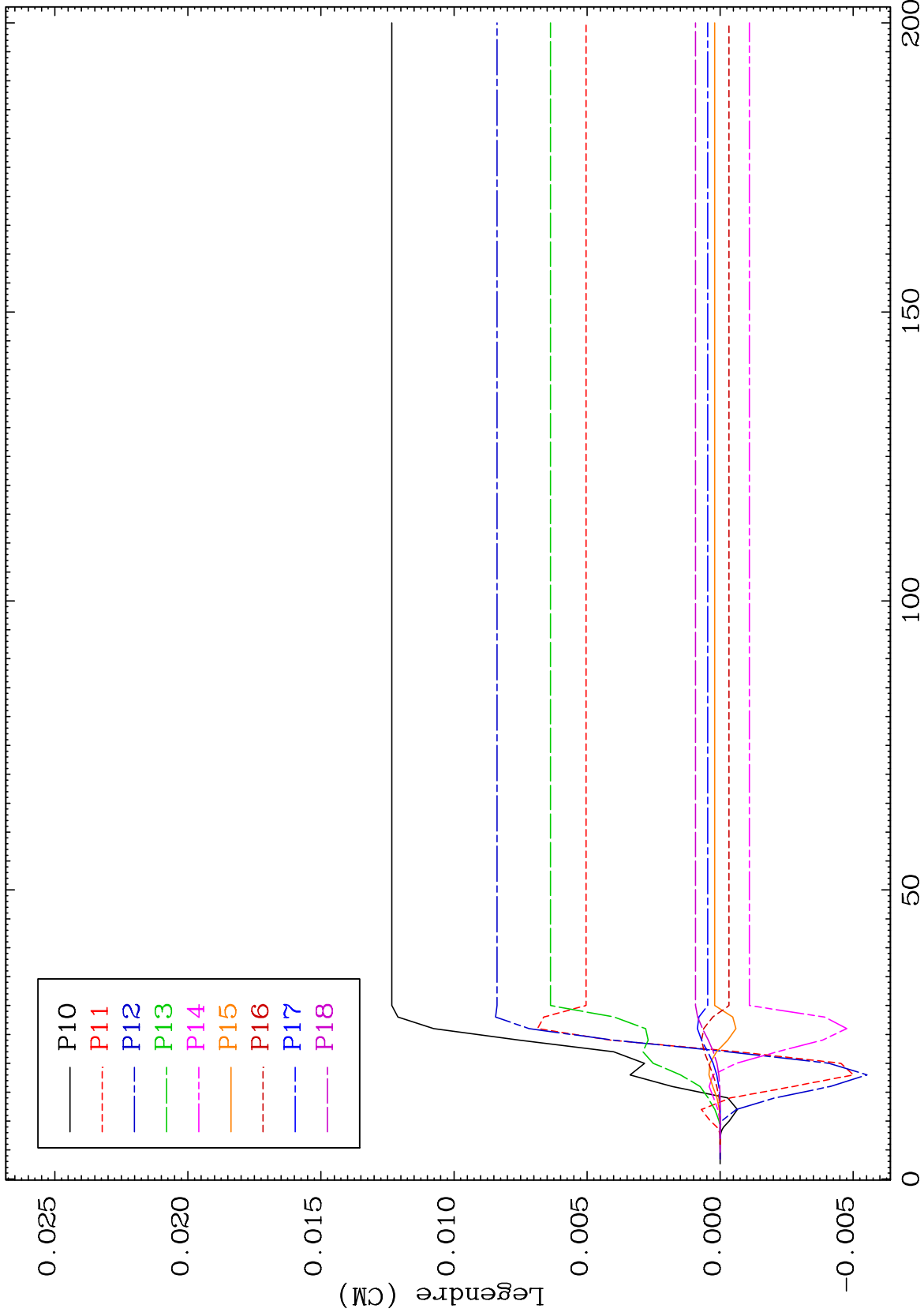
44-Ru-97



44-Ru-97

Incident Energy (MeV)

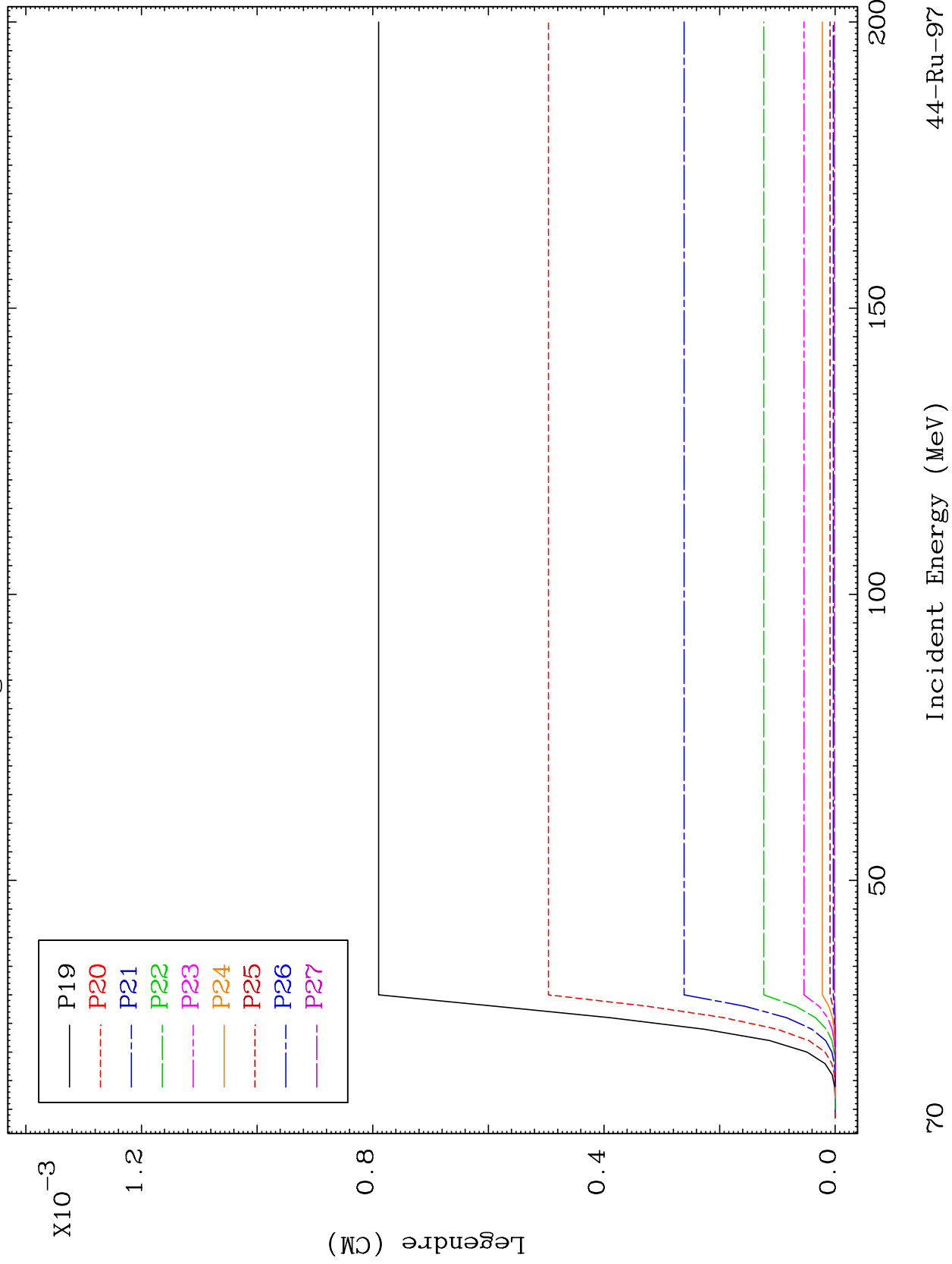
68



MAT 4428

MT= 64 (n,n') Level
Legendre Coefficients

44-Ru-97



70

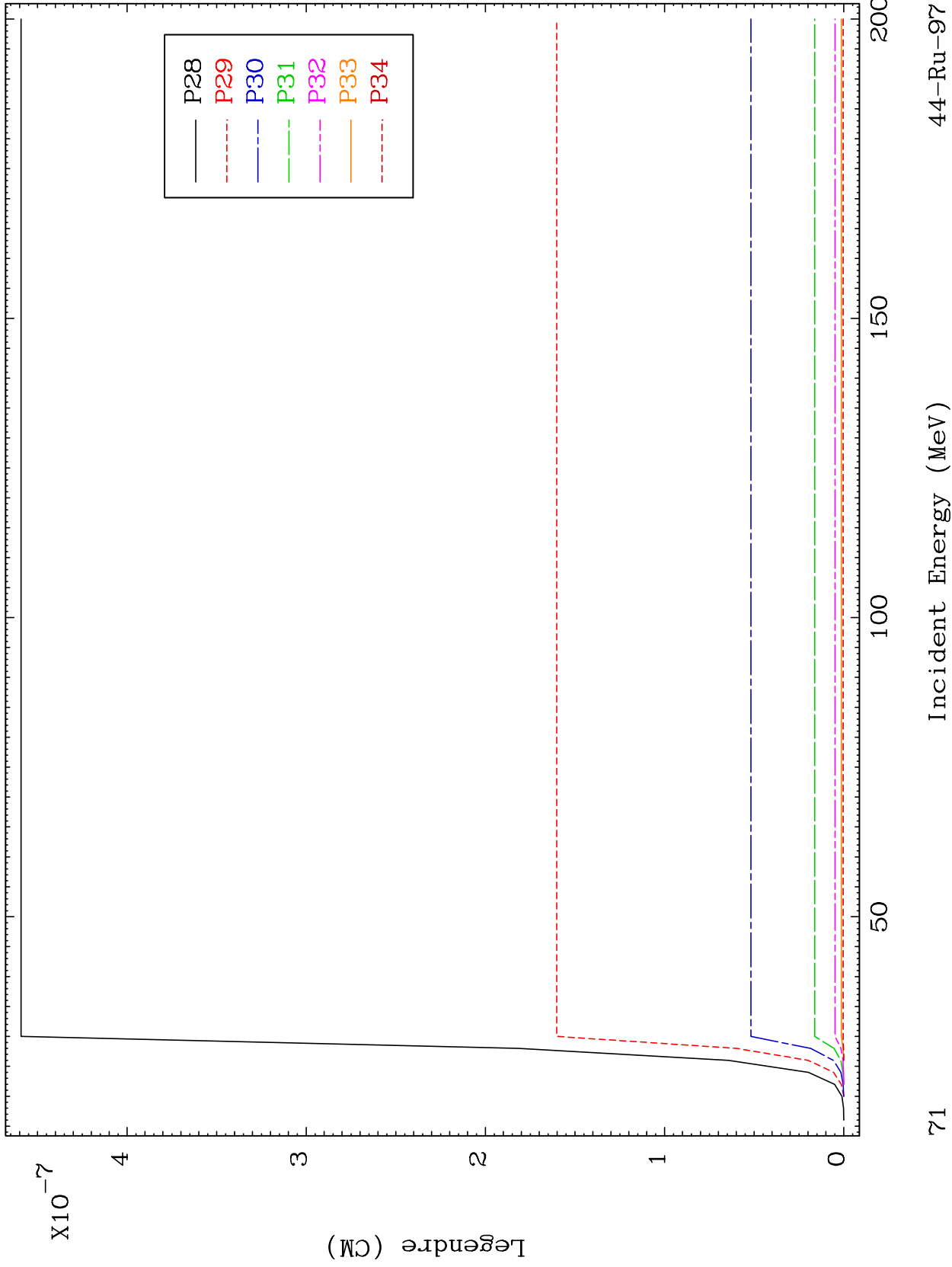
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 64 (n,n') Level
Legendre Coefficients

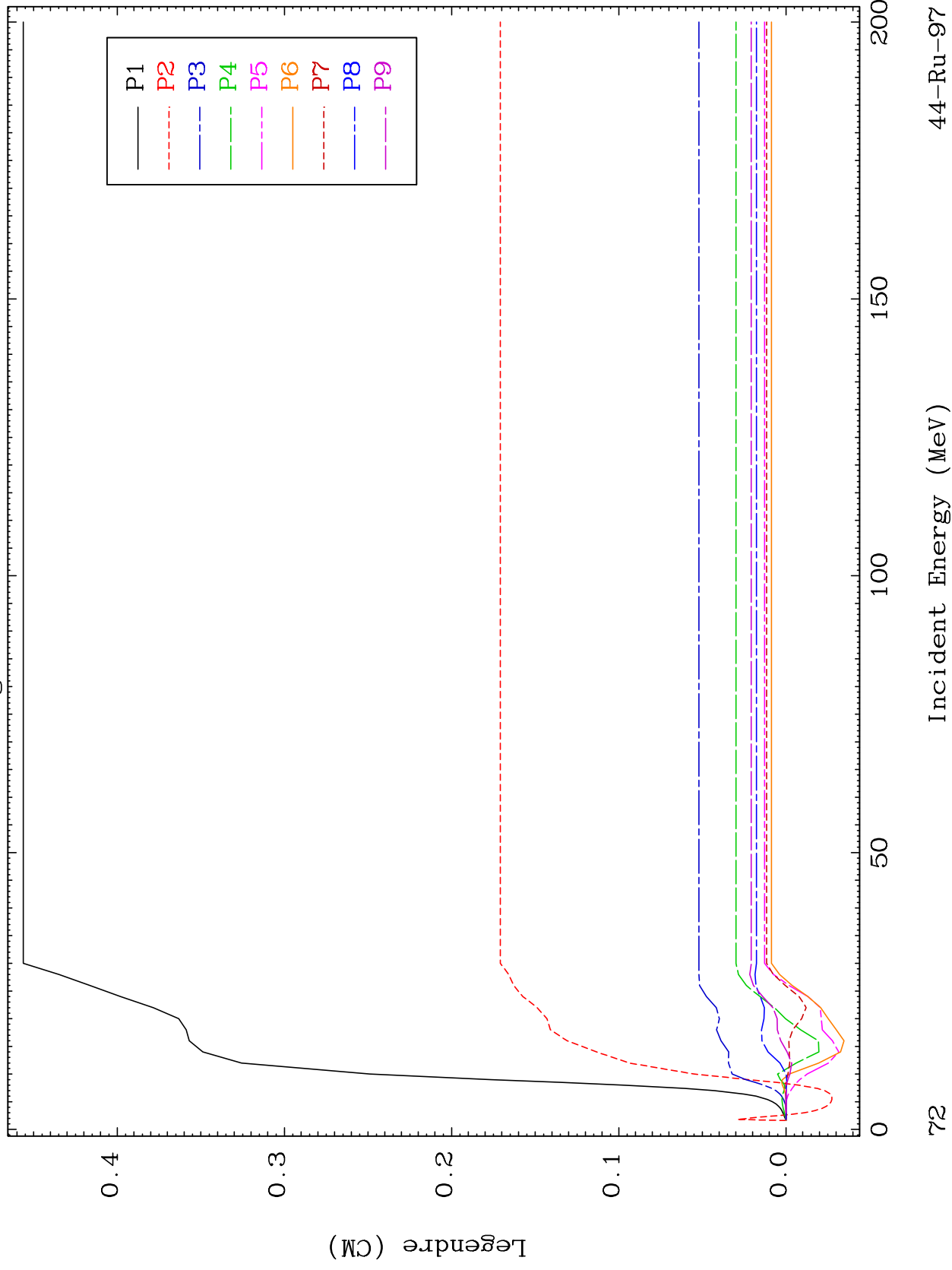
44-Ru-97



MAT 4428

MT= 65 (n,n') Level
Legendre Coefficients

44-Ru-97



44-Ru-97

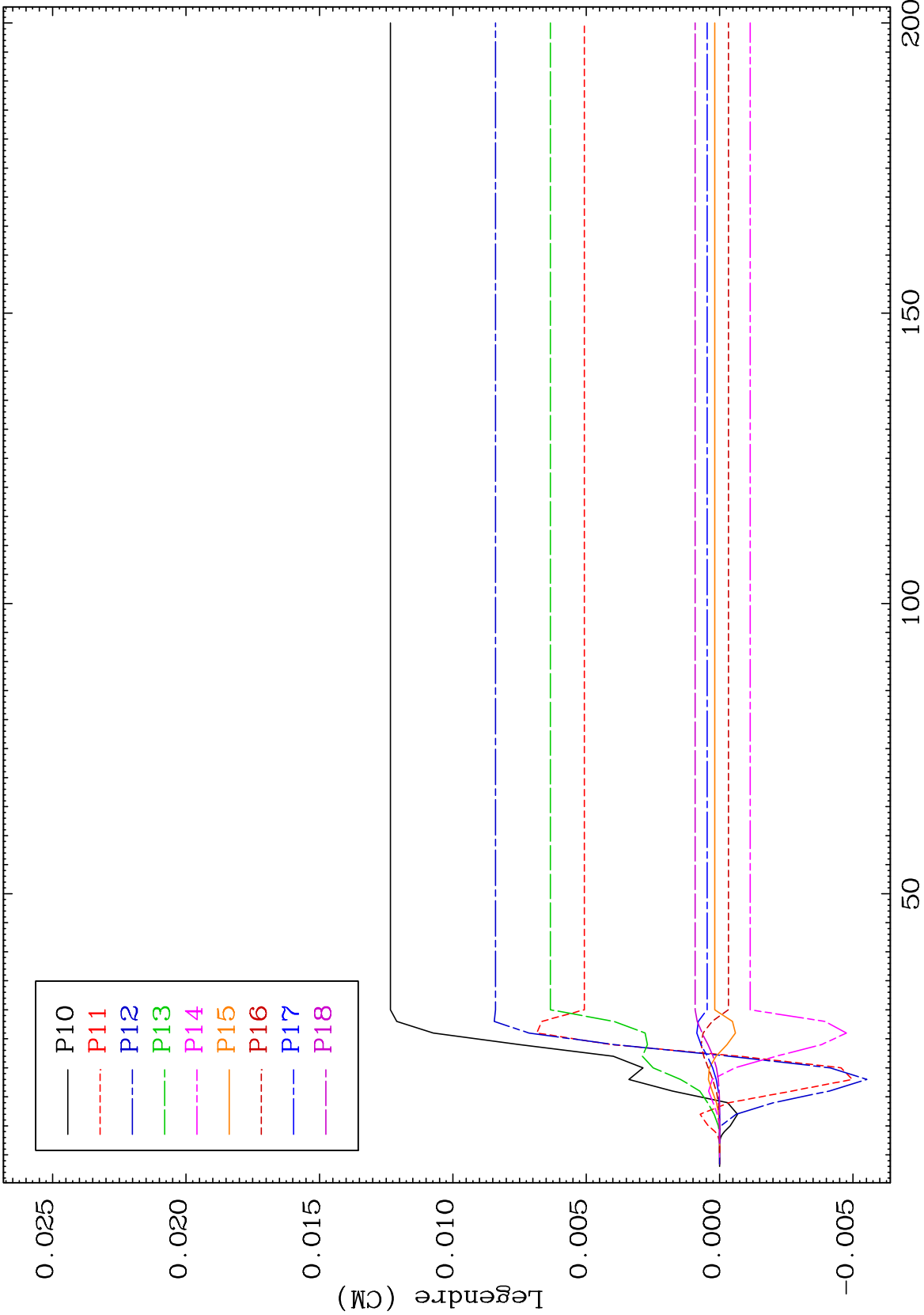
Incident Energy (MeV)

72

MAT 4428

MT= 65 (n,n') Level
Legendre Coefficients

44-Ru-97



73

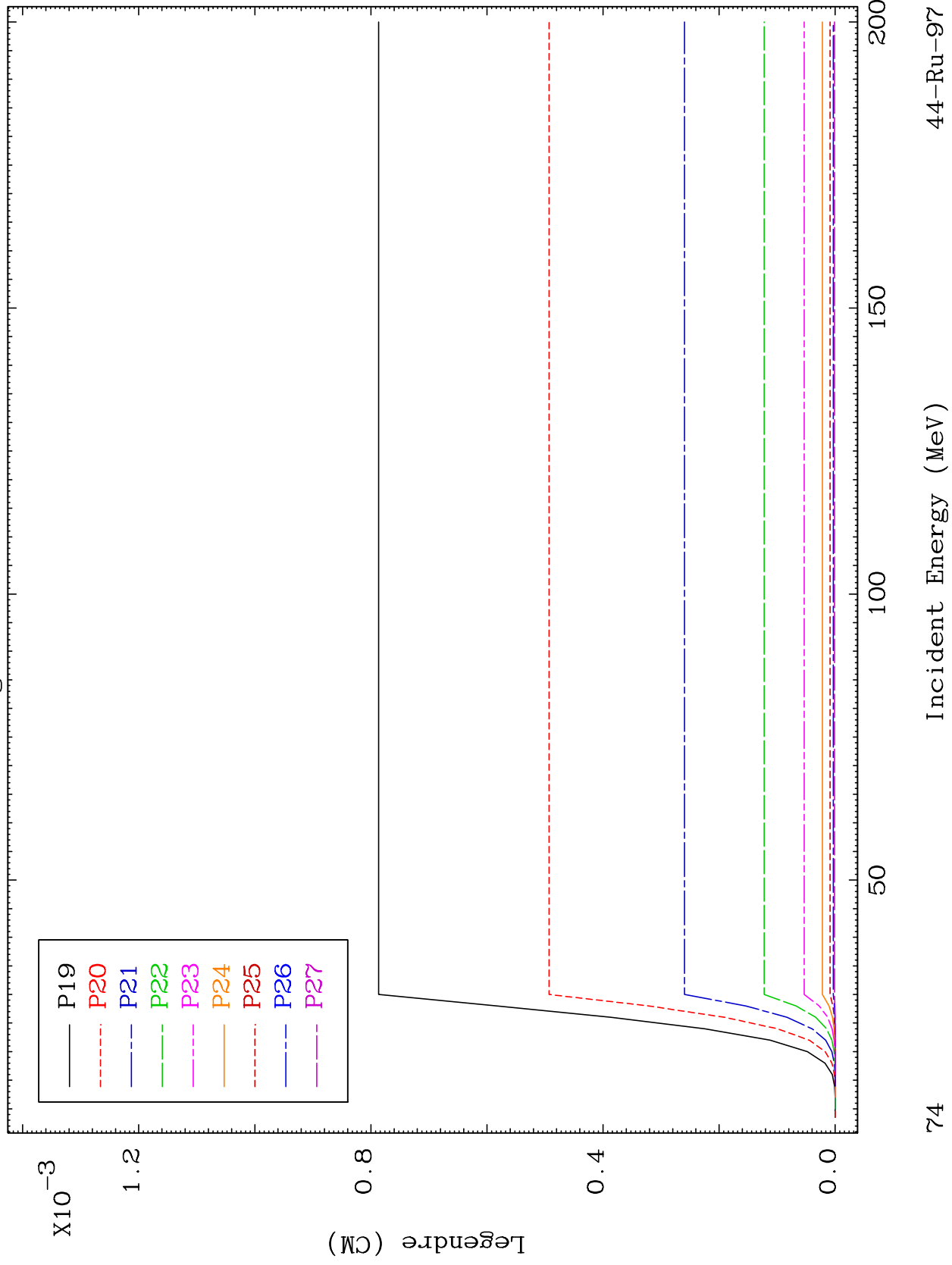
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 65 (n,n') Level
Legendre Coefficients

44-Ru-97



74

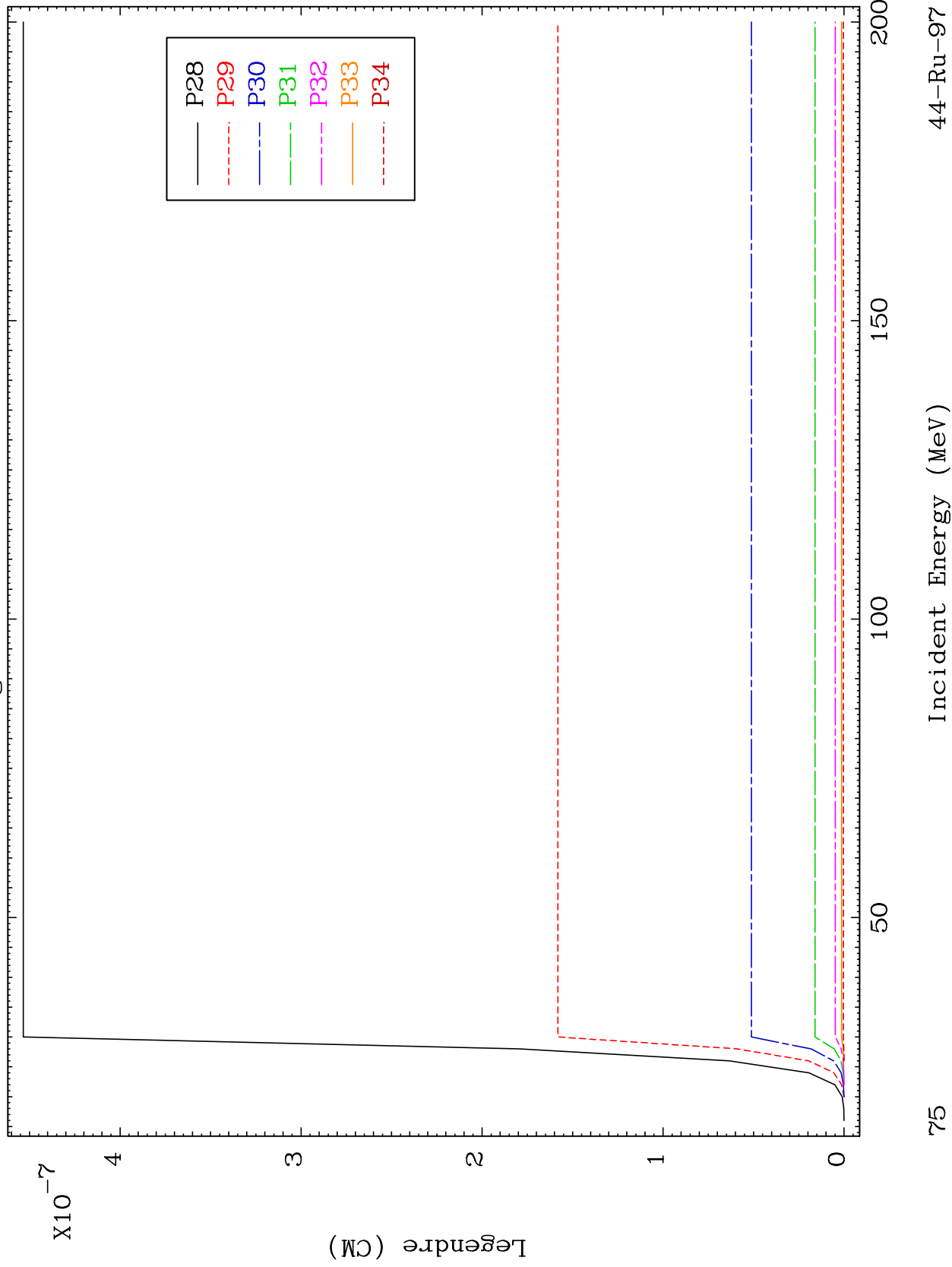
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 65 (n,n') Level
Legendre Coefficients

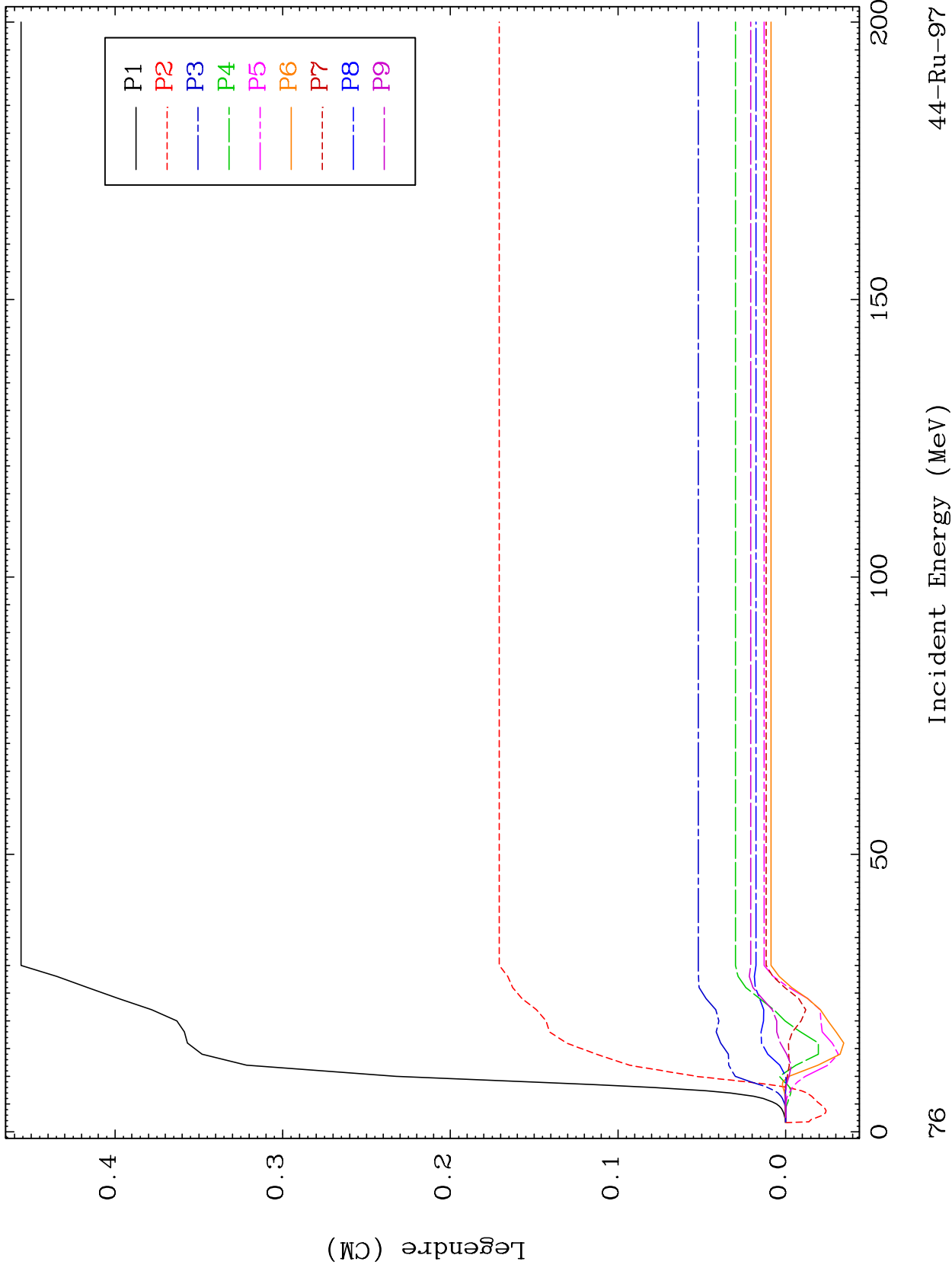
44-Ru-97



MAT 4428

MT= 66 (n,n') Level
Legendre Coefficients

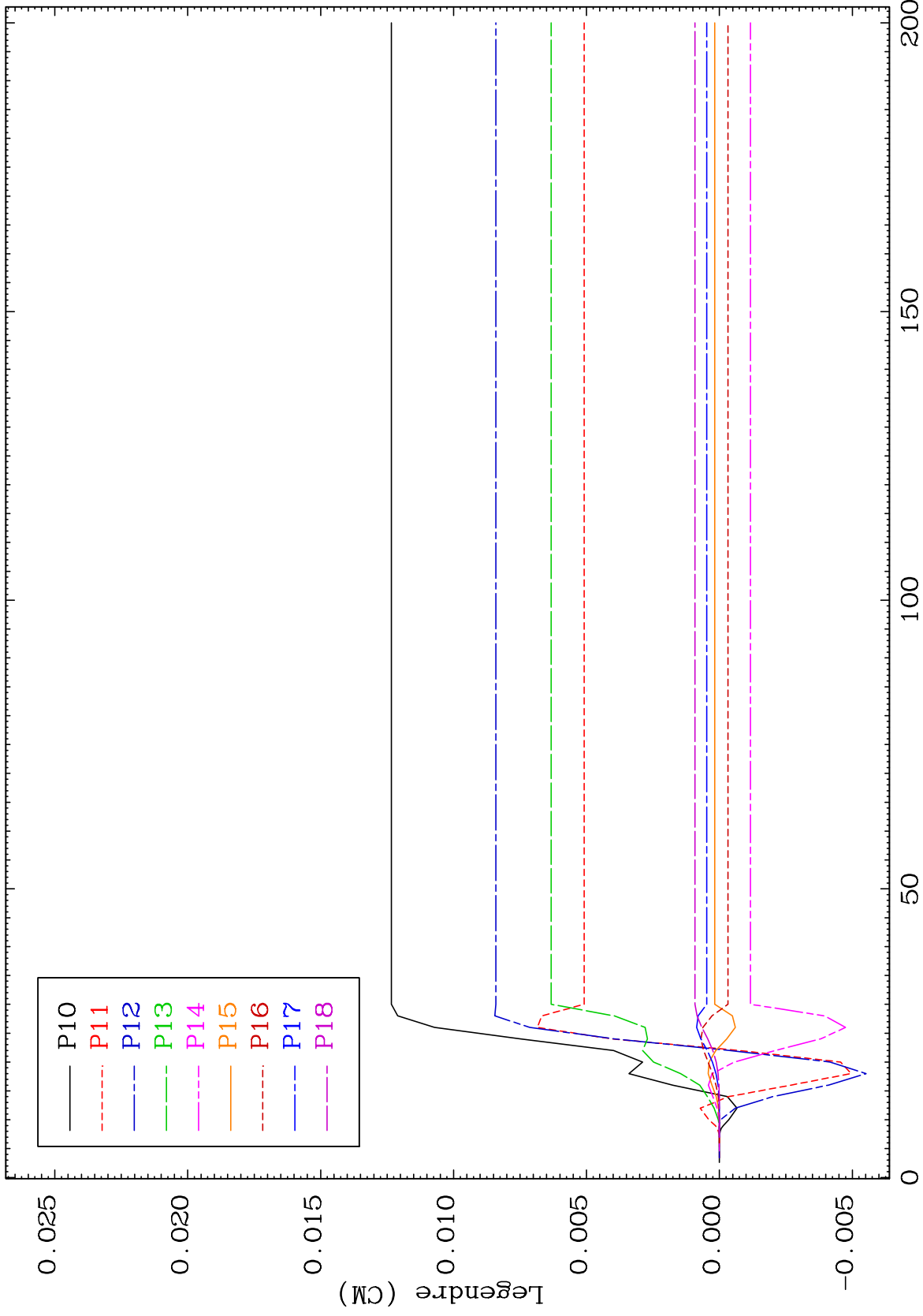
44-Ru-97



44-Ru-97

Incident Energy (MeV)

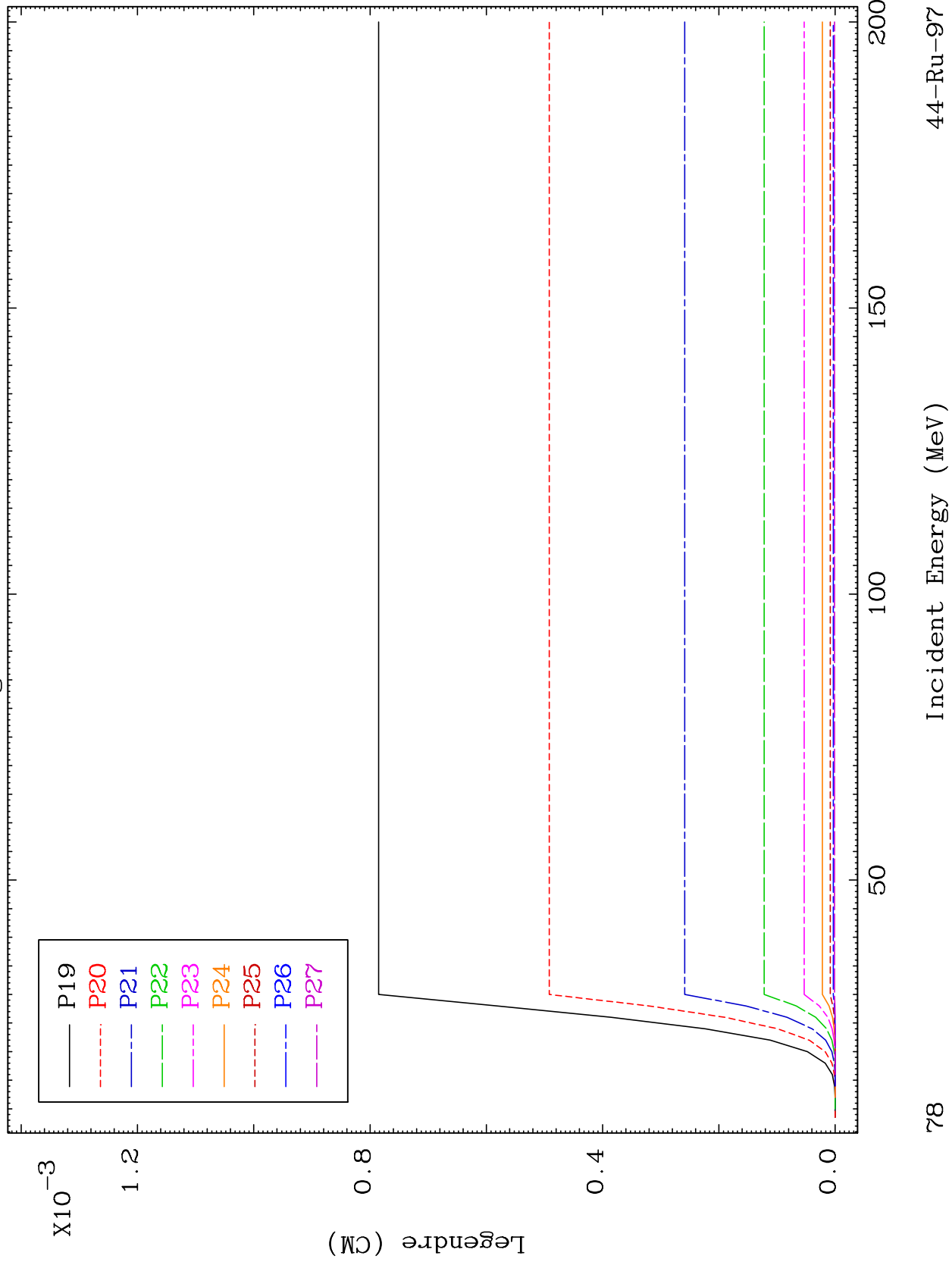
76



MAT 4428

MT= 66 (n,n') Level
Legendre Coefficients

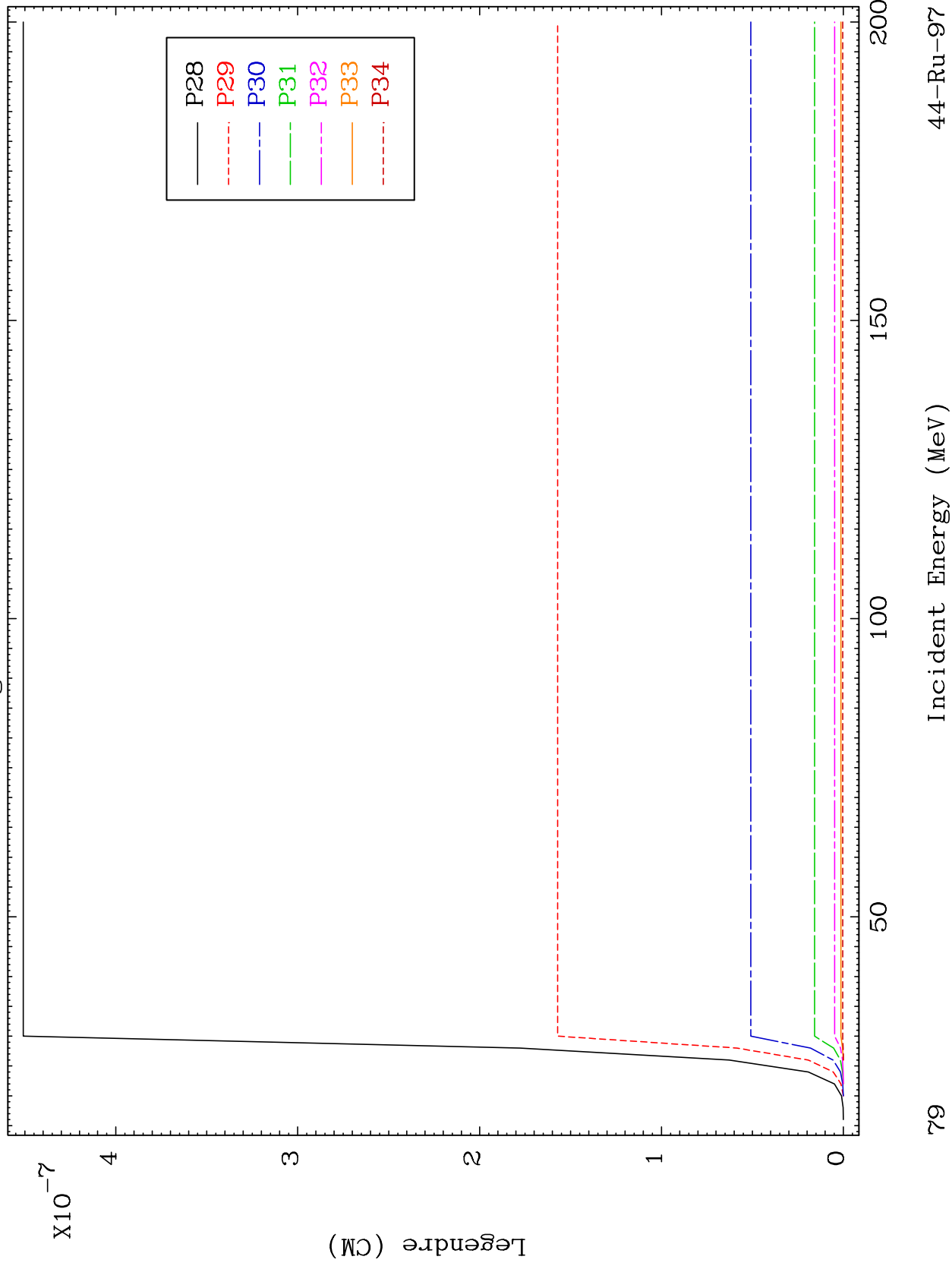
44-Ru-97



MAT 4428

MT= 66 (n,n') Level
Legendre Coefficients

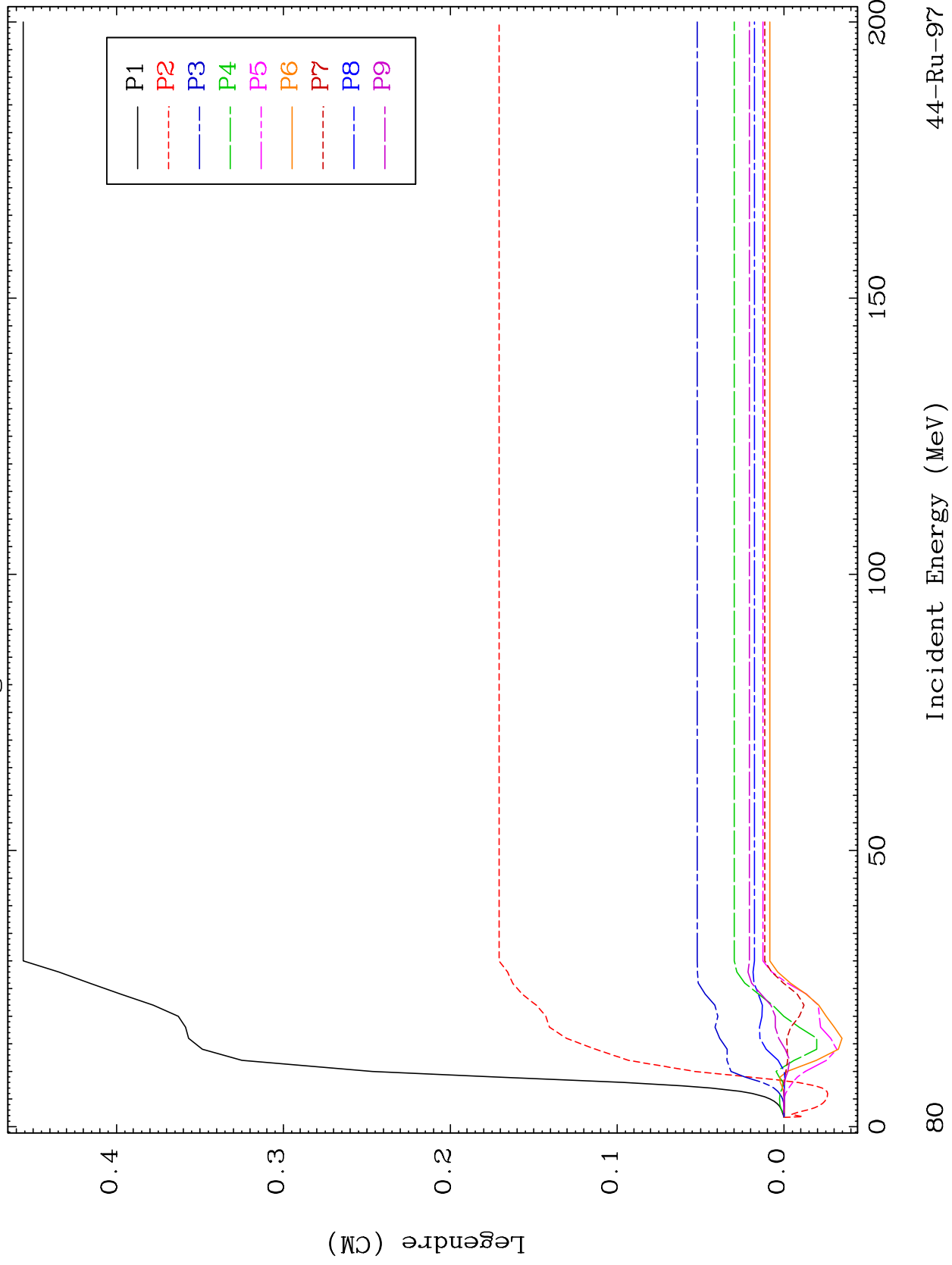
44-Ru-97



MAT 4428

MT= 67 (n,n') Level
Legendre Coefficients

44-Ru-97

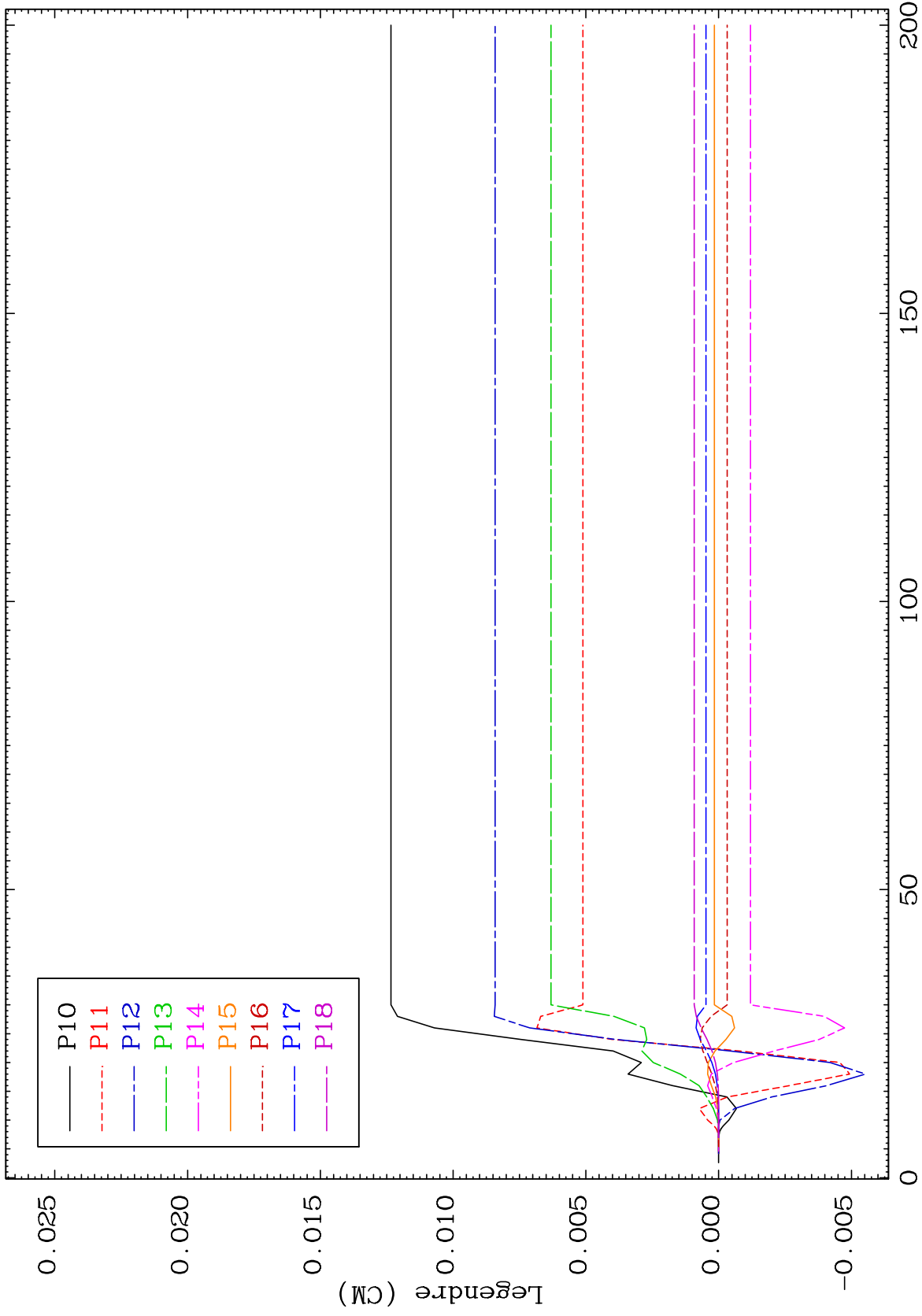


44-Ru-97

MAT 4428

MT= 67 (n,n') Level
Legendre Coefficients

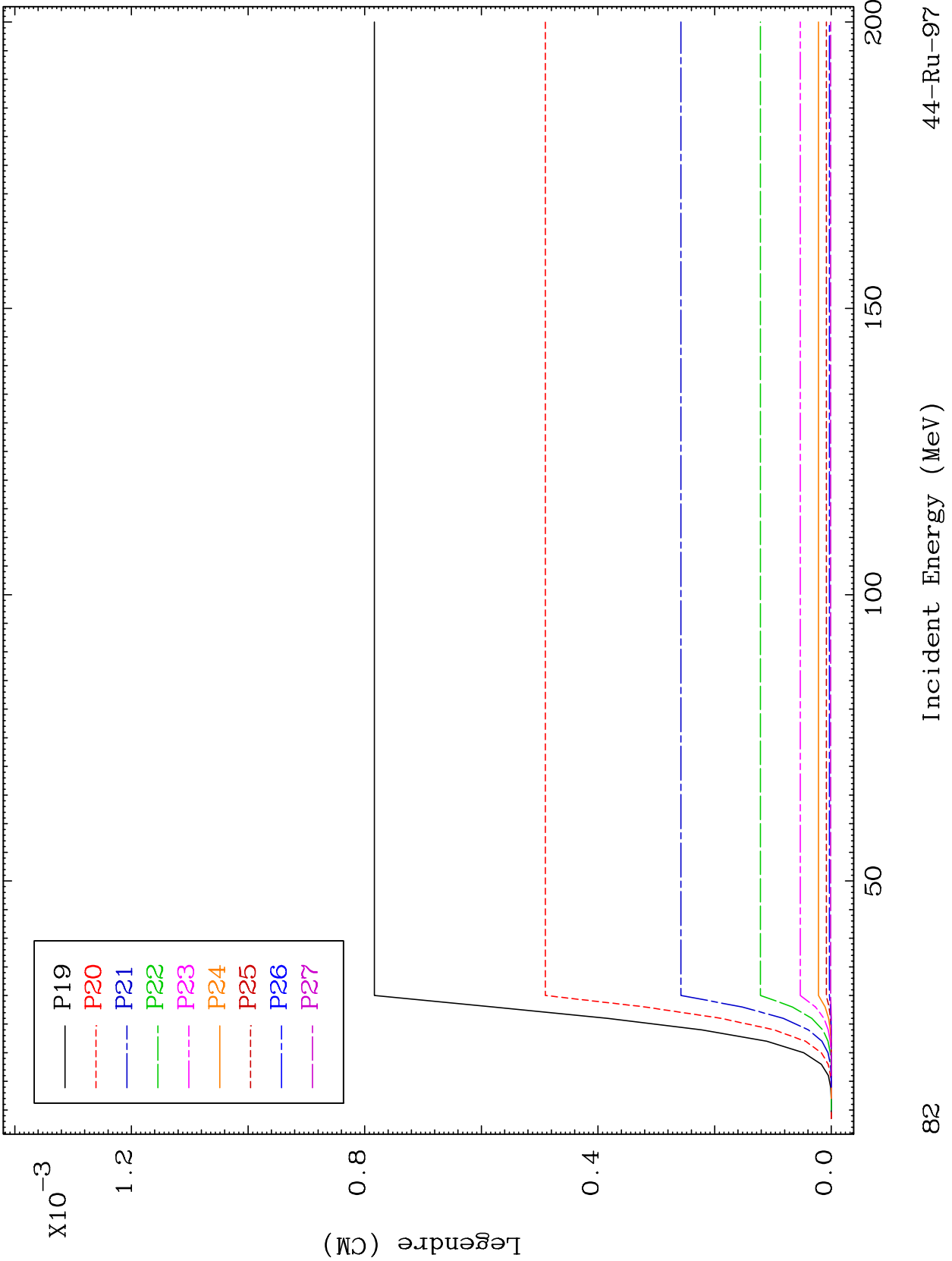
44-Ru-97



81

Incident Energy (MeV)

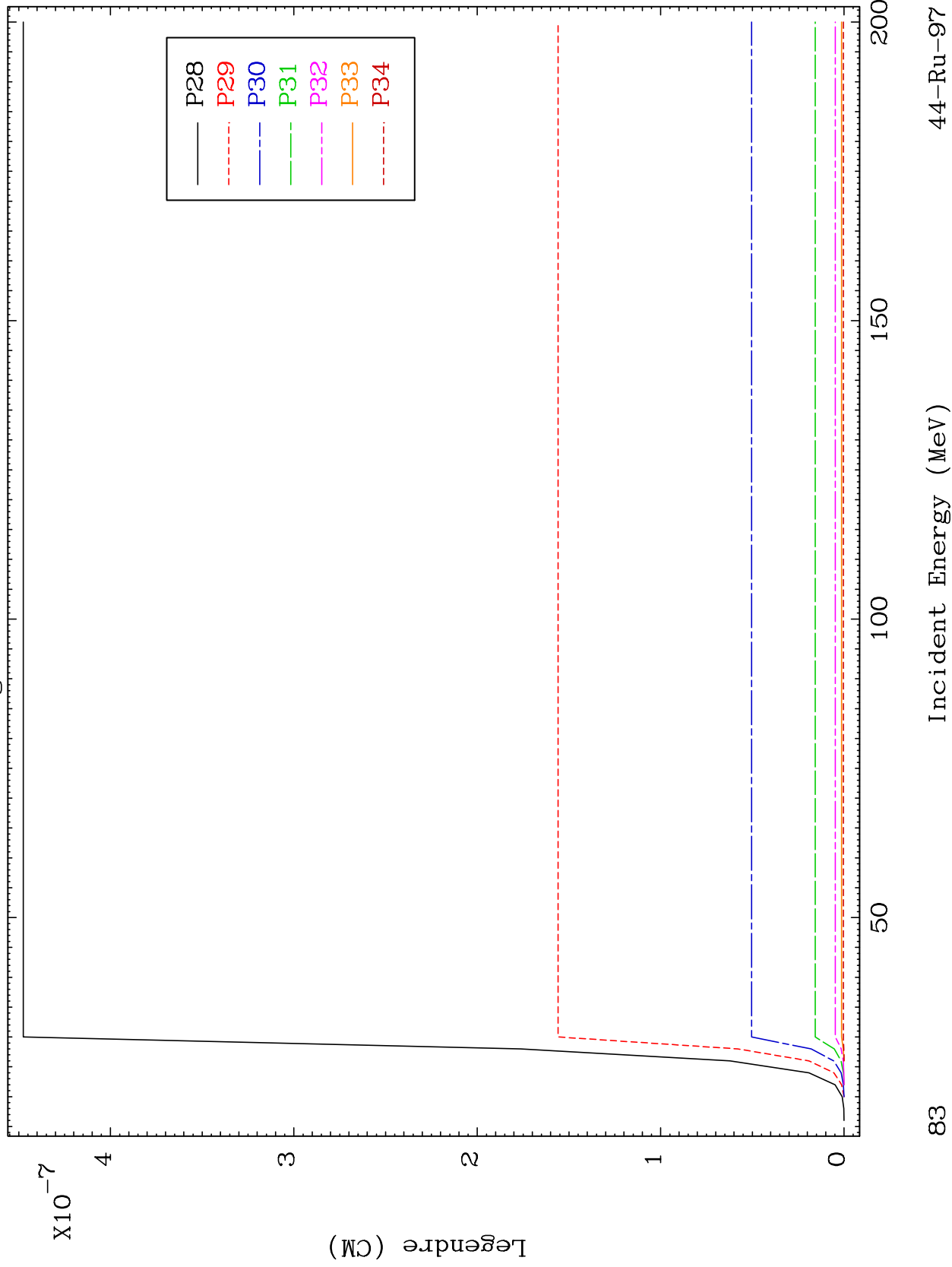
44-Ru-97



MAT 4428

MT= 67 (n,n') Level
Legendre Coefficients

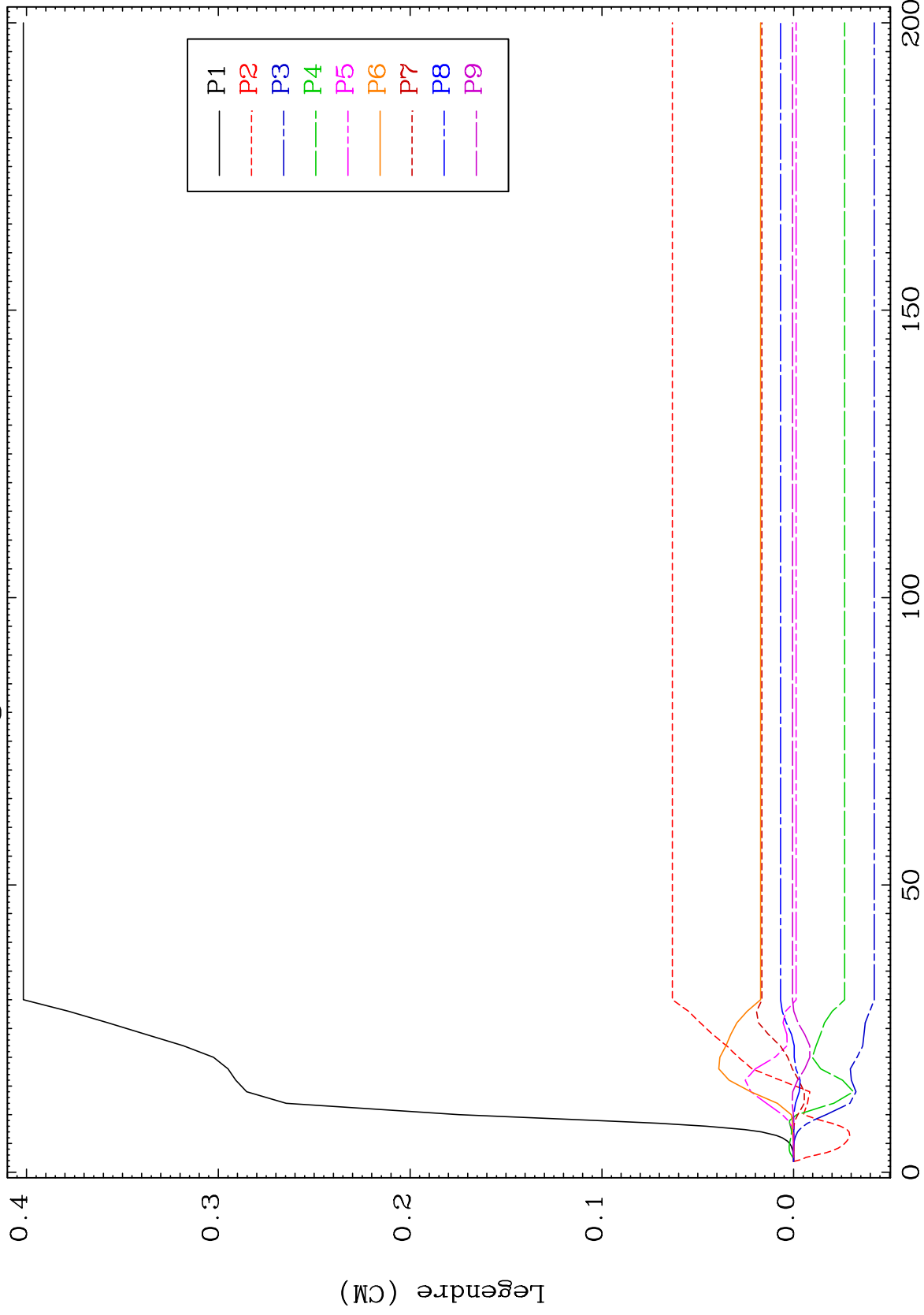
44-Ru-97



MAT 4428

MT= 68 (n,n') Level
Legendre Coefficients

44-Ru-97



84

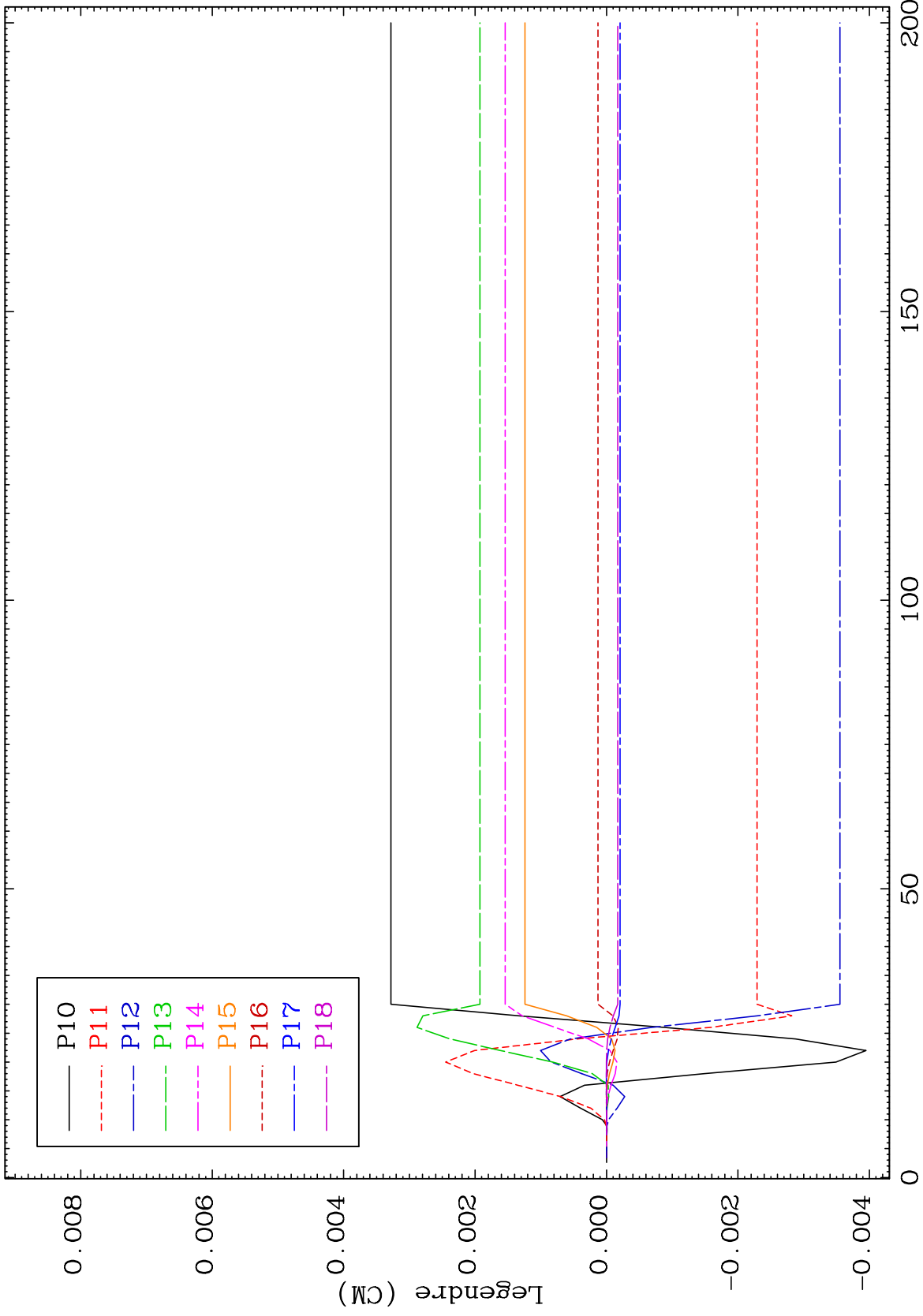
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 68 (n,n') Level
Legendre Coefficients

44-Ru-97



85

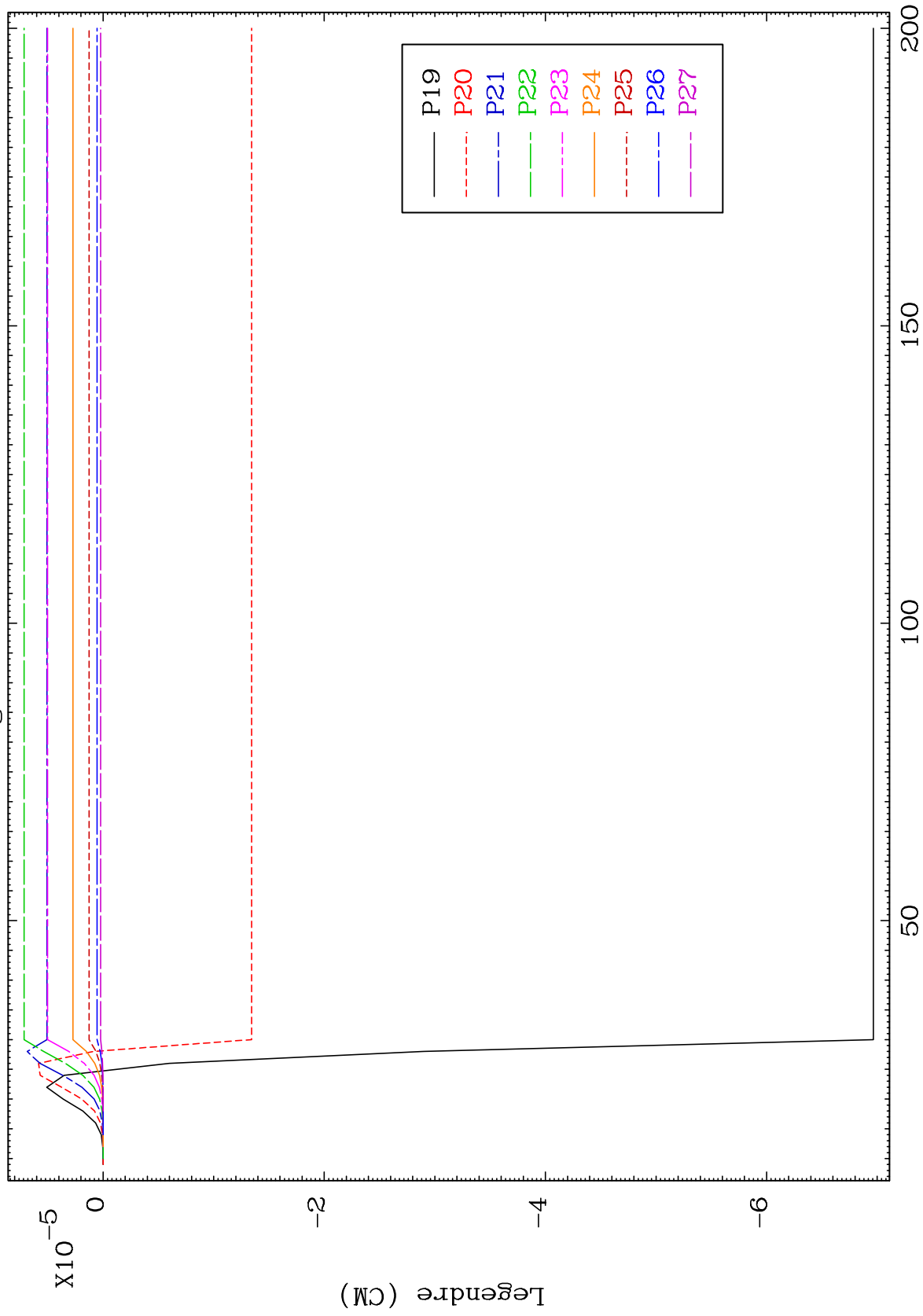
Incident Energy (MeV)

44-Ru-97

MAT 4428

44-Ru-97

MT= 68 (n,n') Level
Legendre Coefficients



86

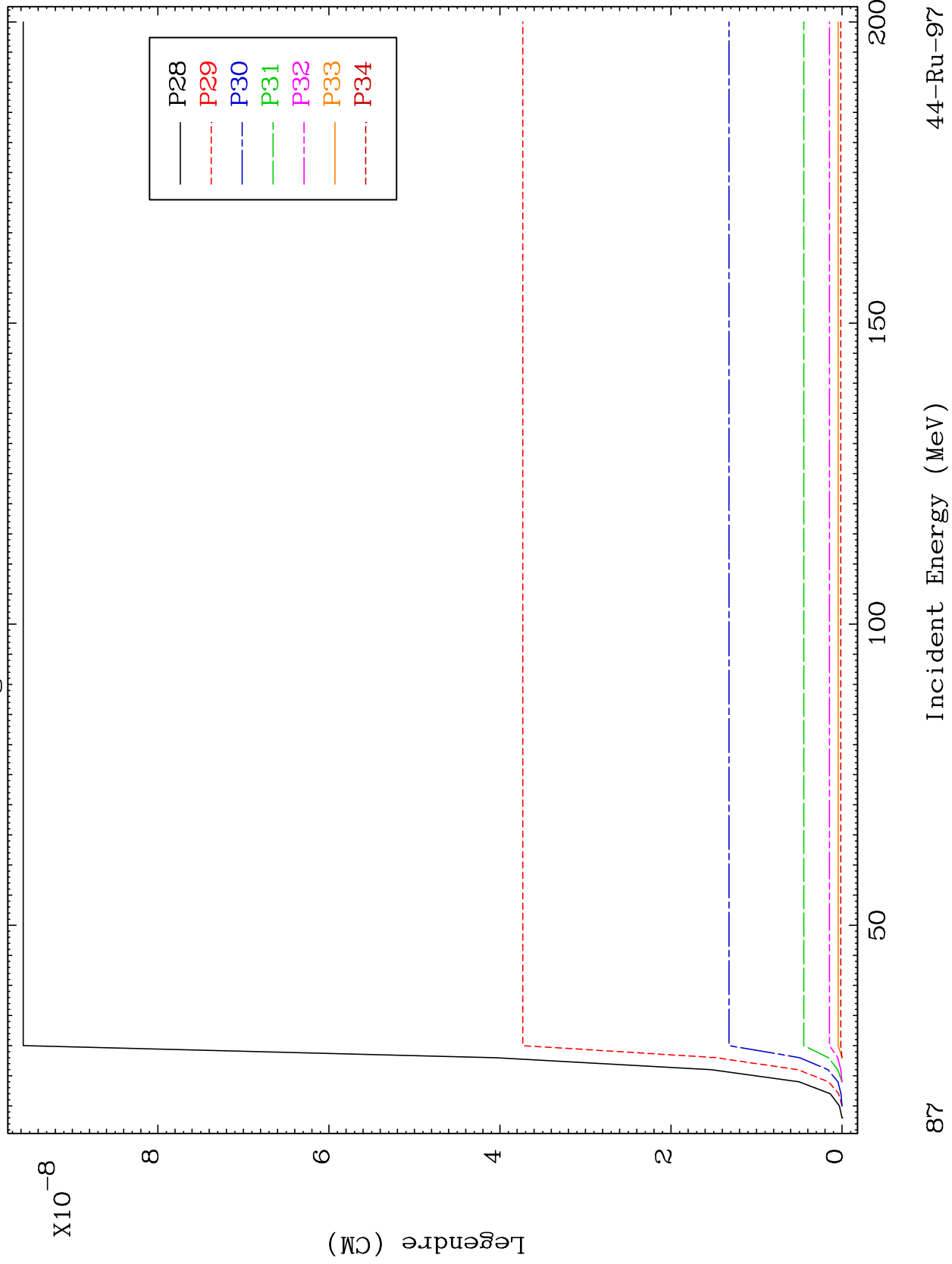
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 68 (n,n') Level
Legendre Coefficients

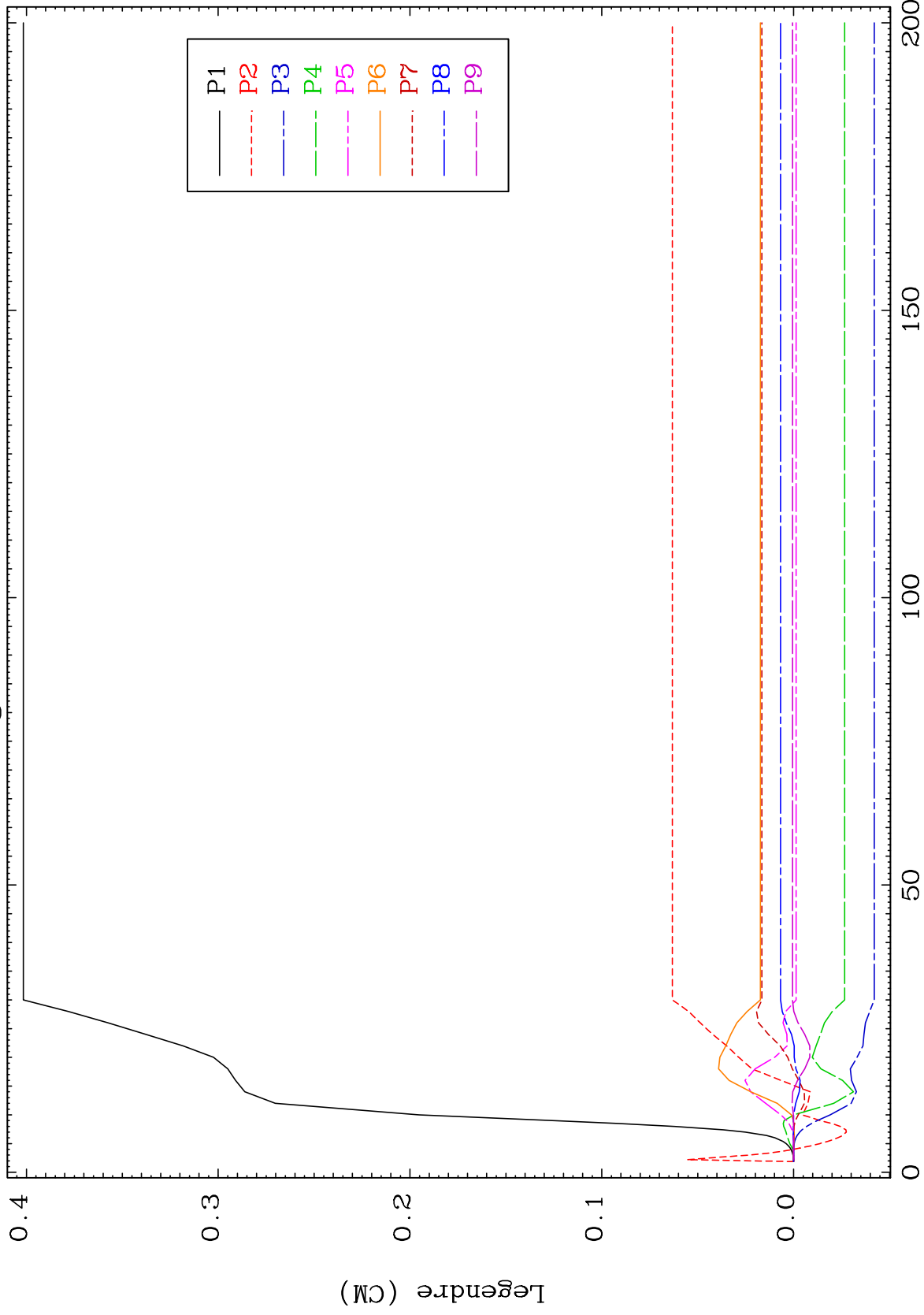
44-Ru-97



MAT 4428

MT= 69 (n,n') Level
Legendre Coefficients

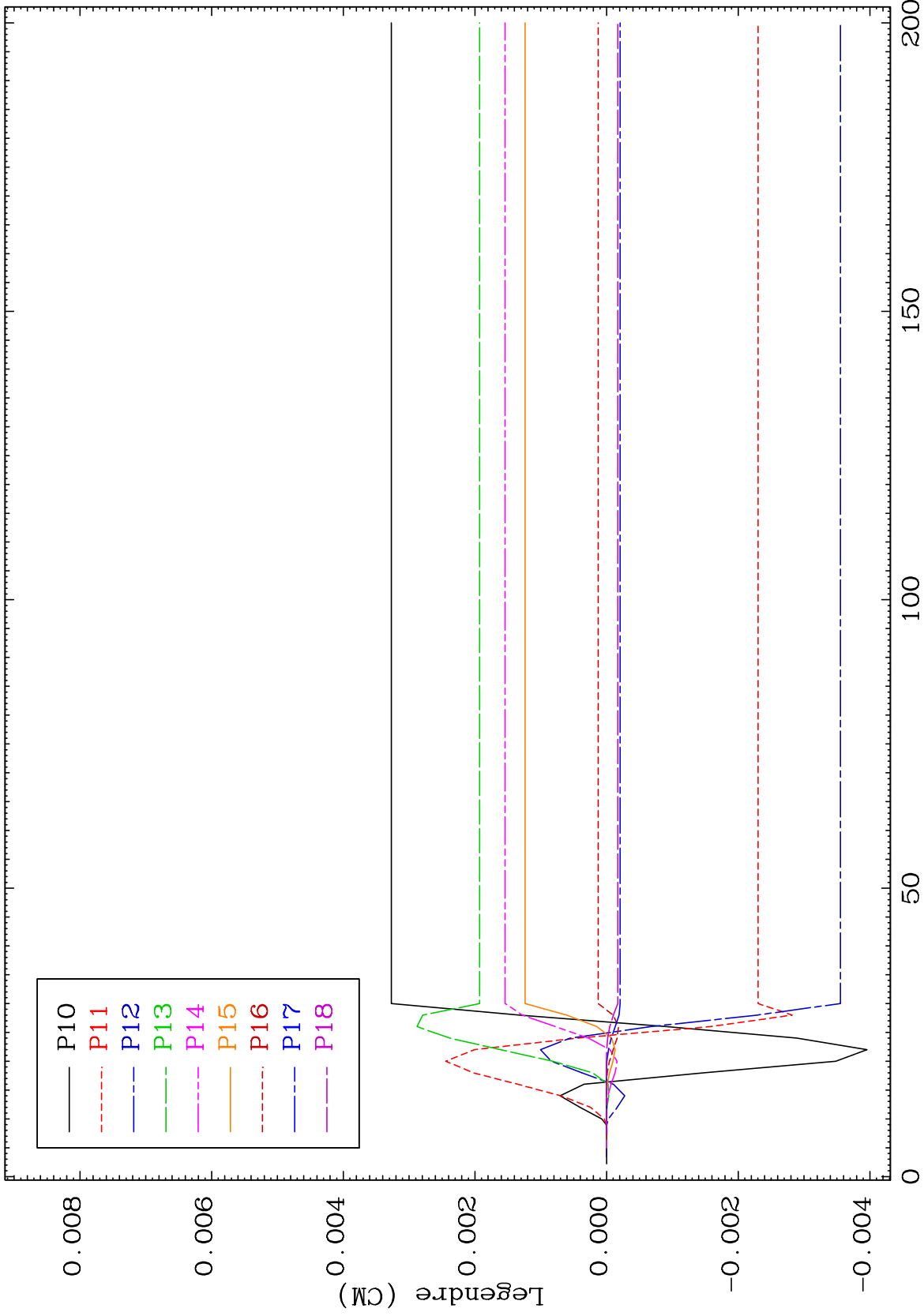
44-Ru-97



44-Ru-97

Incident Energy (MeV)

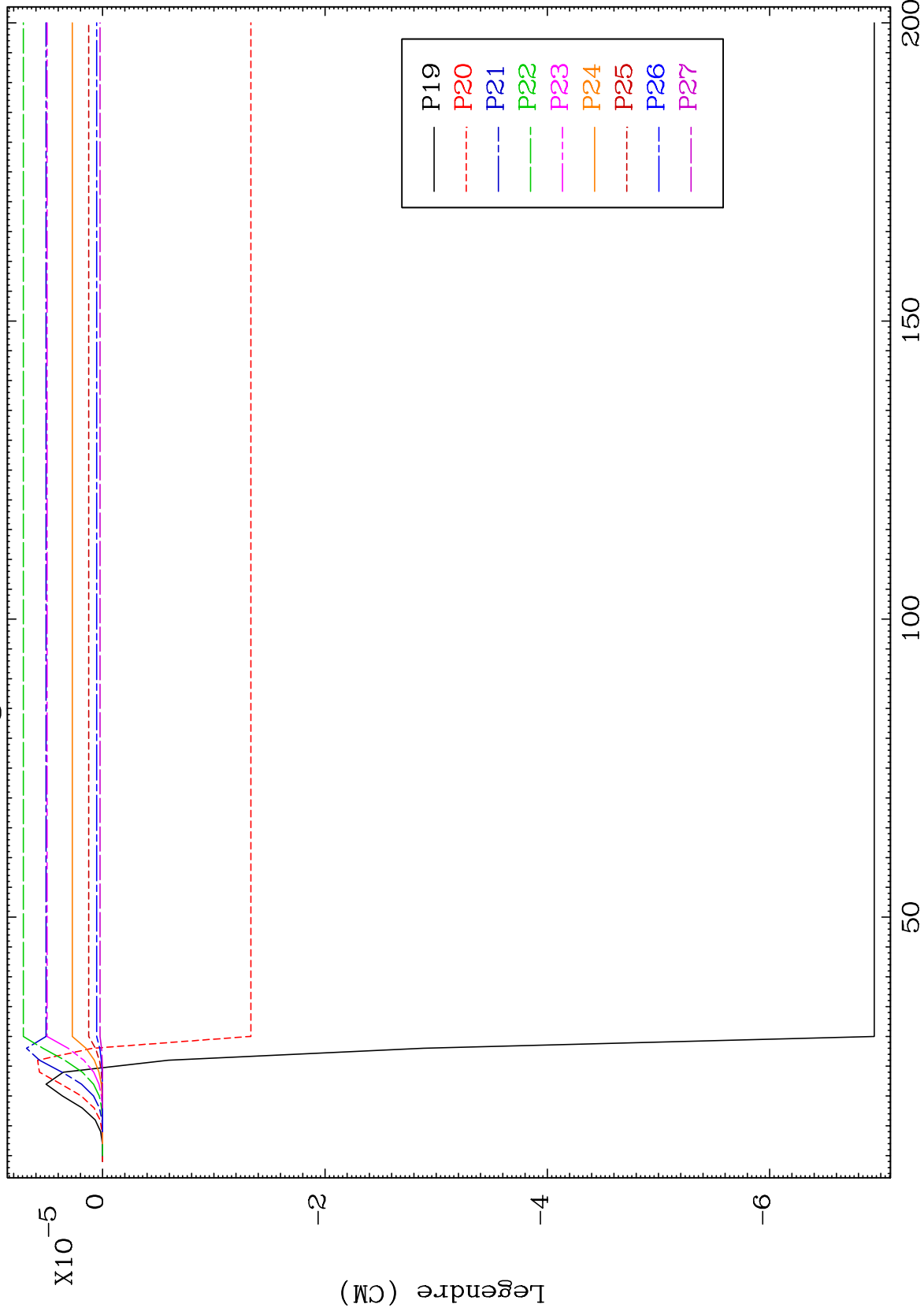
88



MAT 4428

MT= 69 (n,n') Level
Legendre Coefficients

44-Ru-97



90

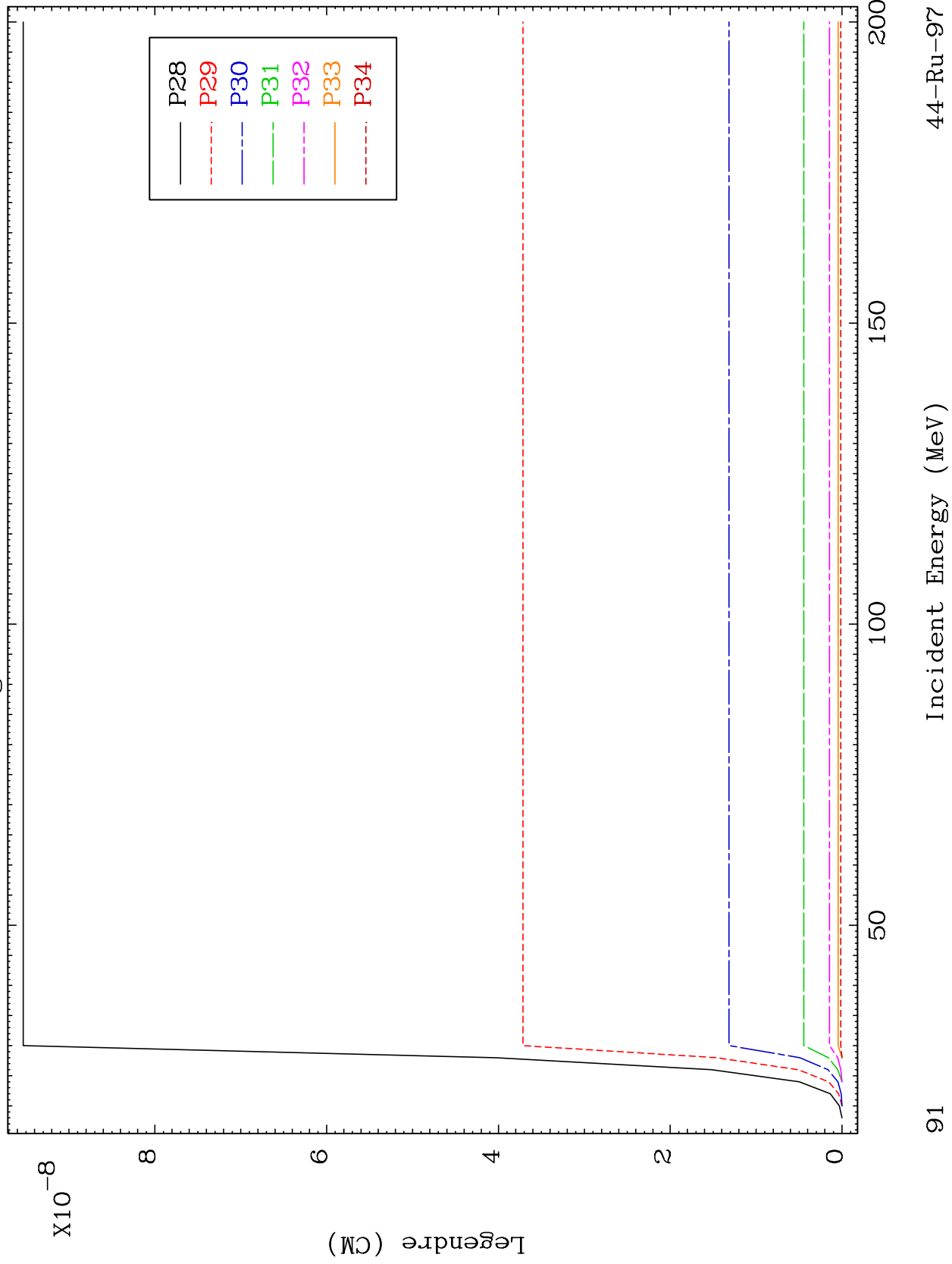
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 69 (n,n') Level
Legendre Coefficients

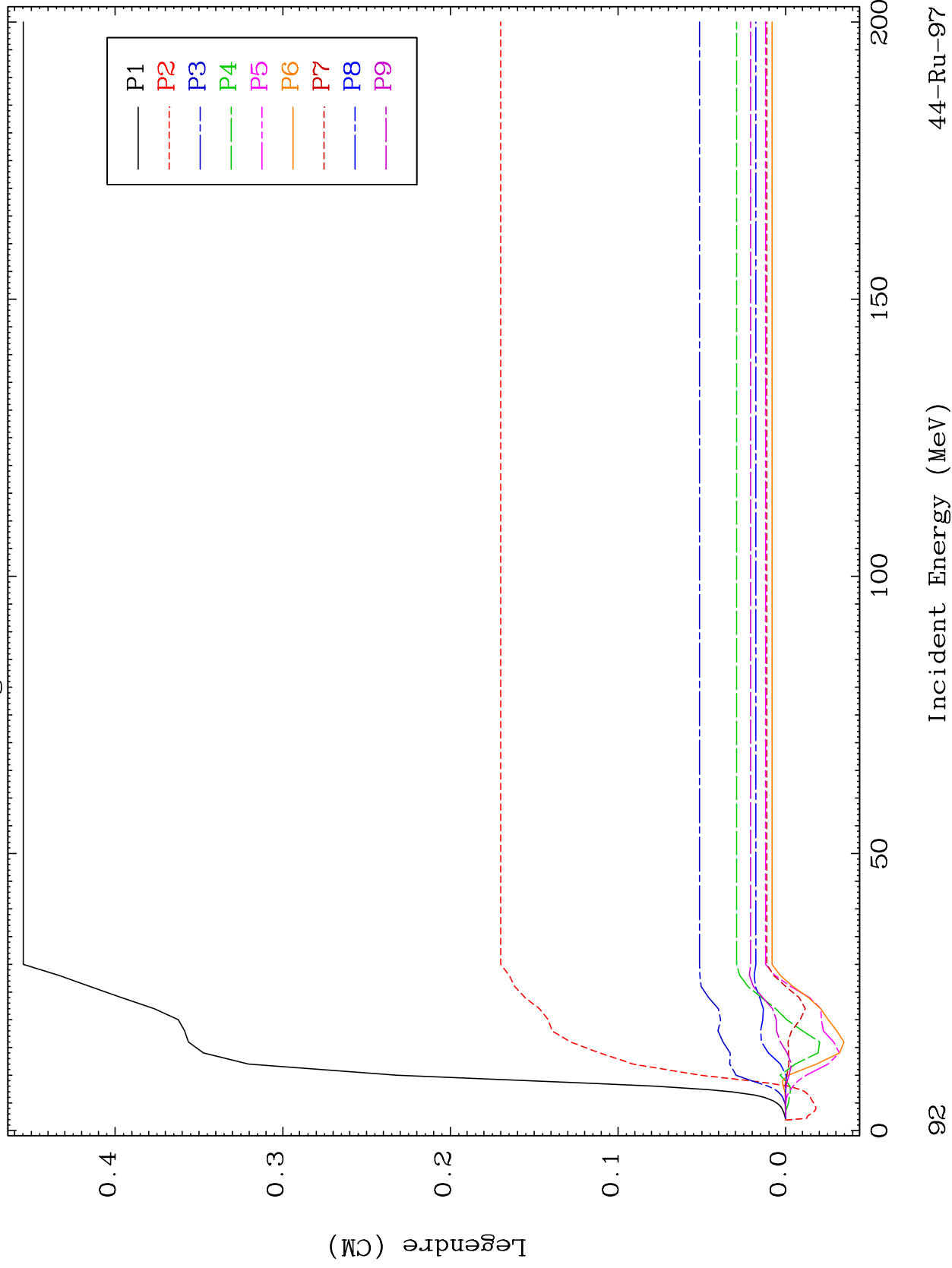
44-Ru-97



MAT 4428

MT= 70 (n,n') Level
Legendre Coefficients

44-Ru-97



44-Ru-97

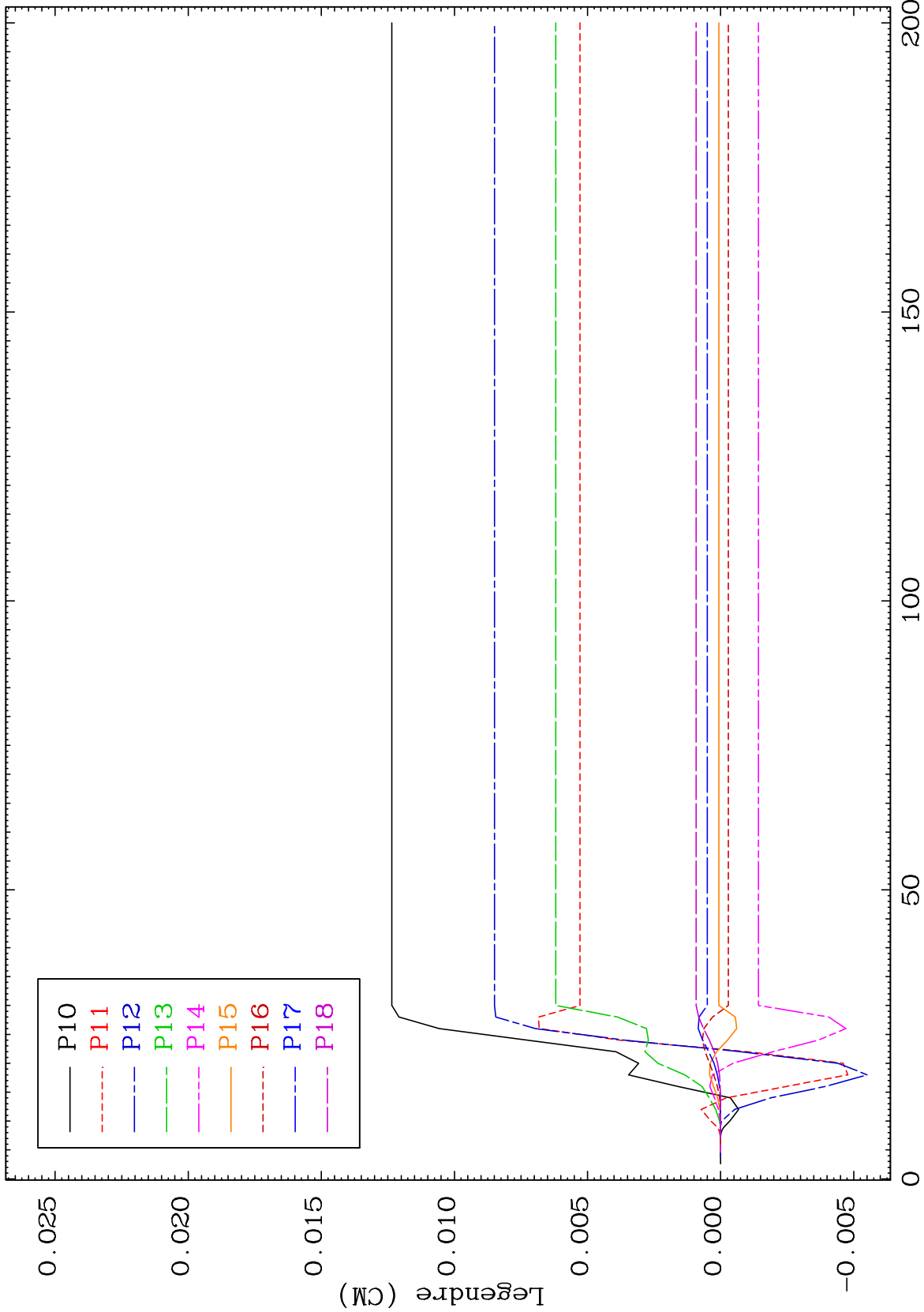
Incident Energy (MeV)

92

MAT 4428

MT= 70 (n,n') Level
Legendre Coefficients

44-Ru-97



93

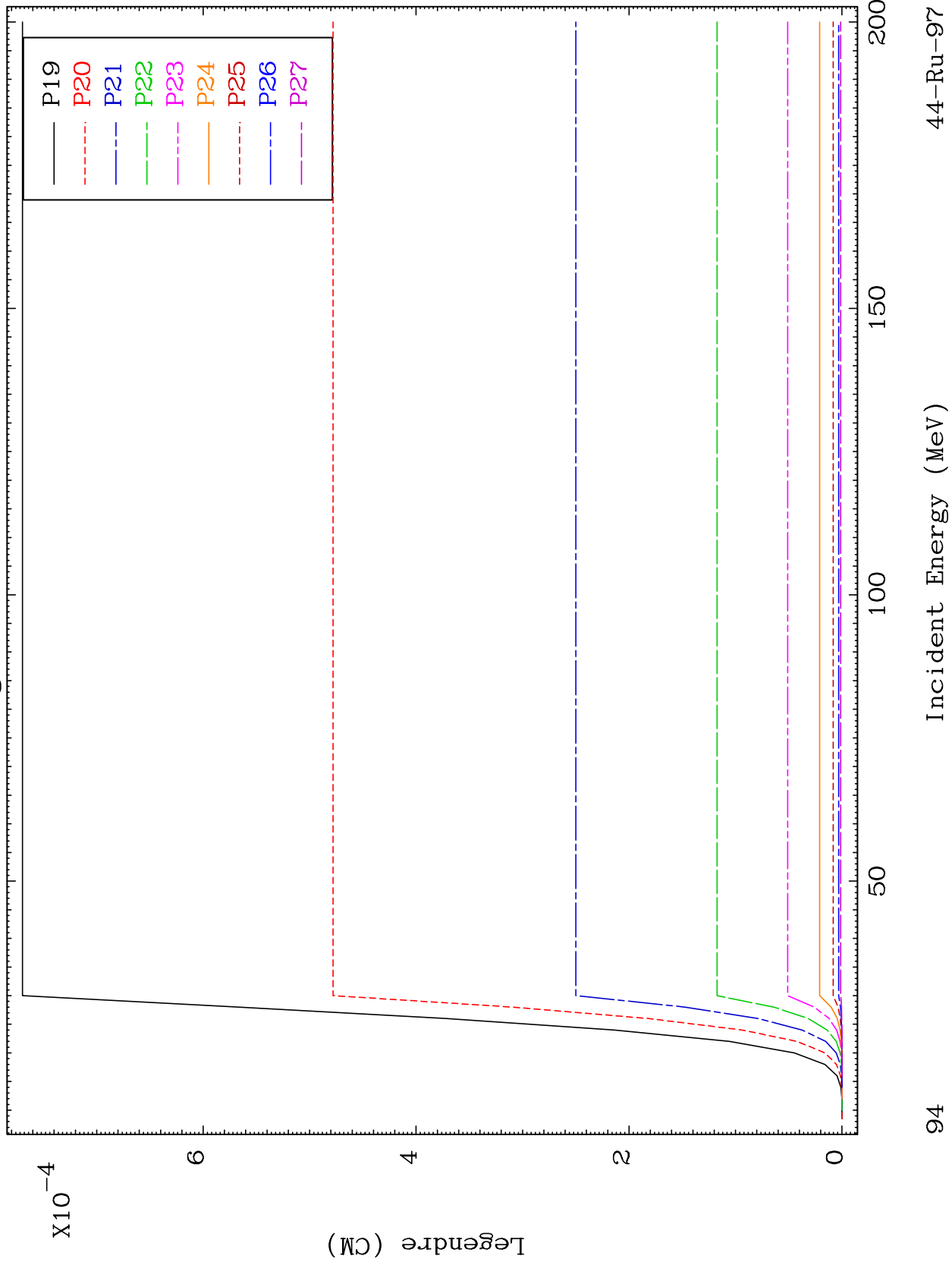
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 70 (n,n') Level
Legendre Coefficients

44-Ru-97

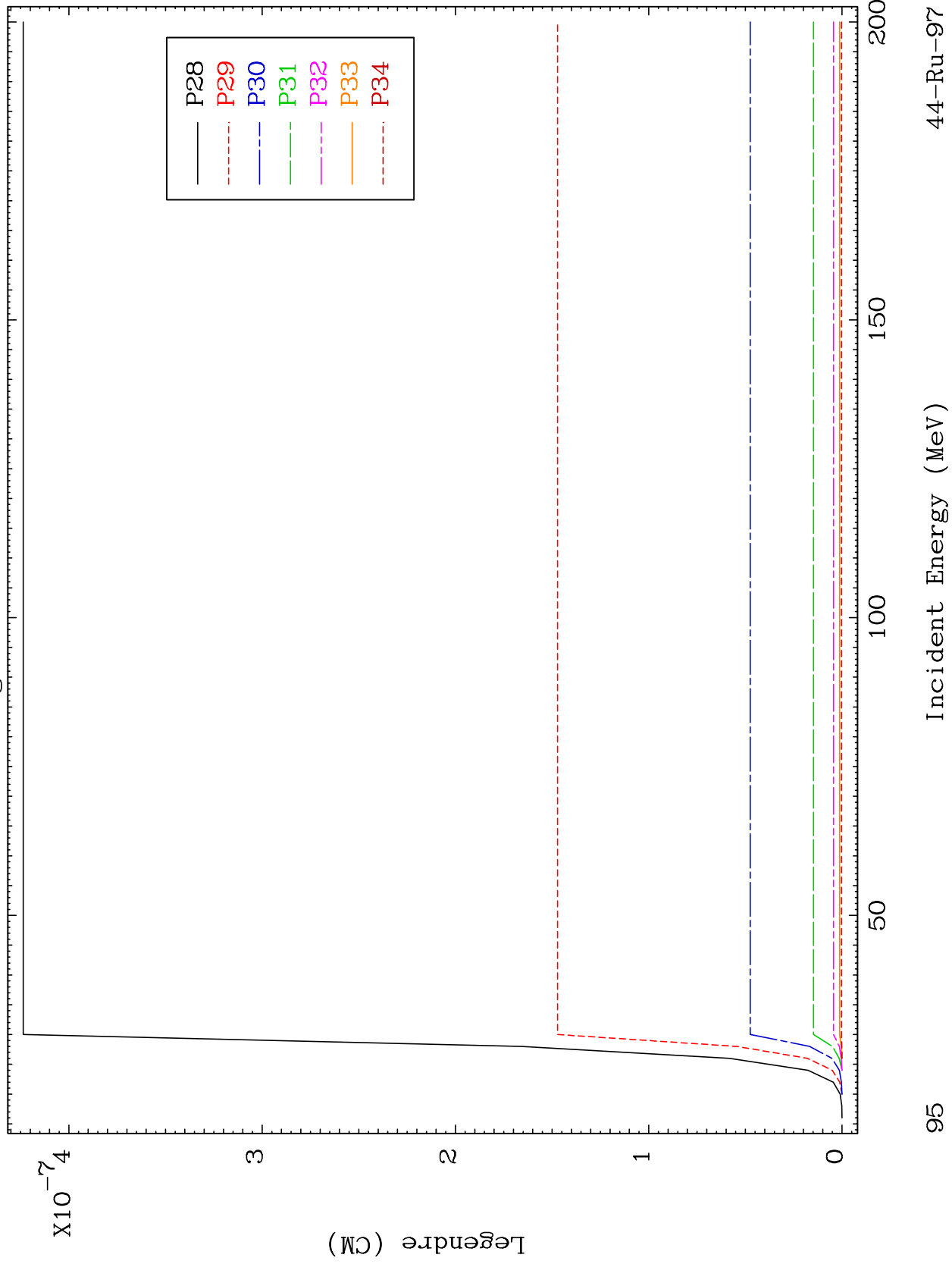


94

MAT 4428

MT= 70 (n,n') Level
Legendre Coefficients

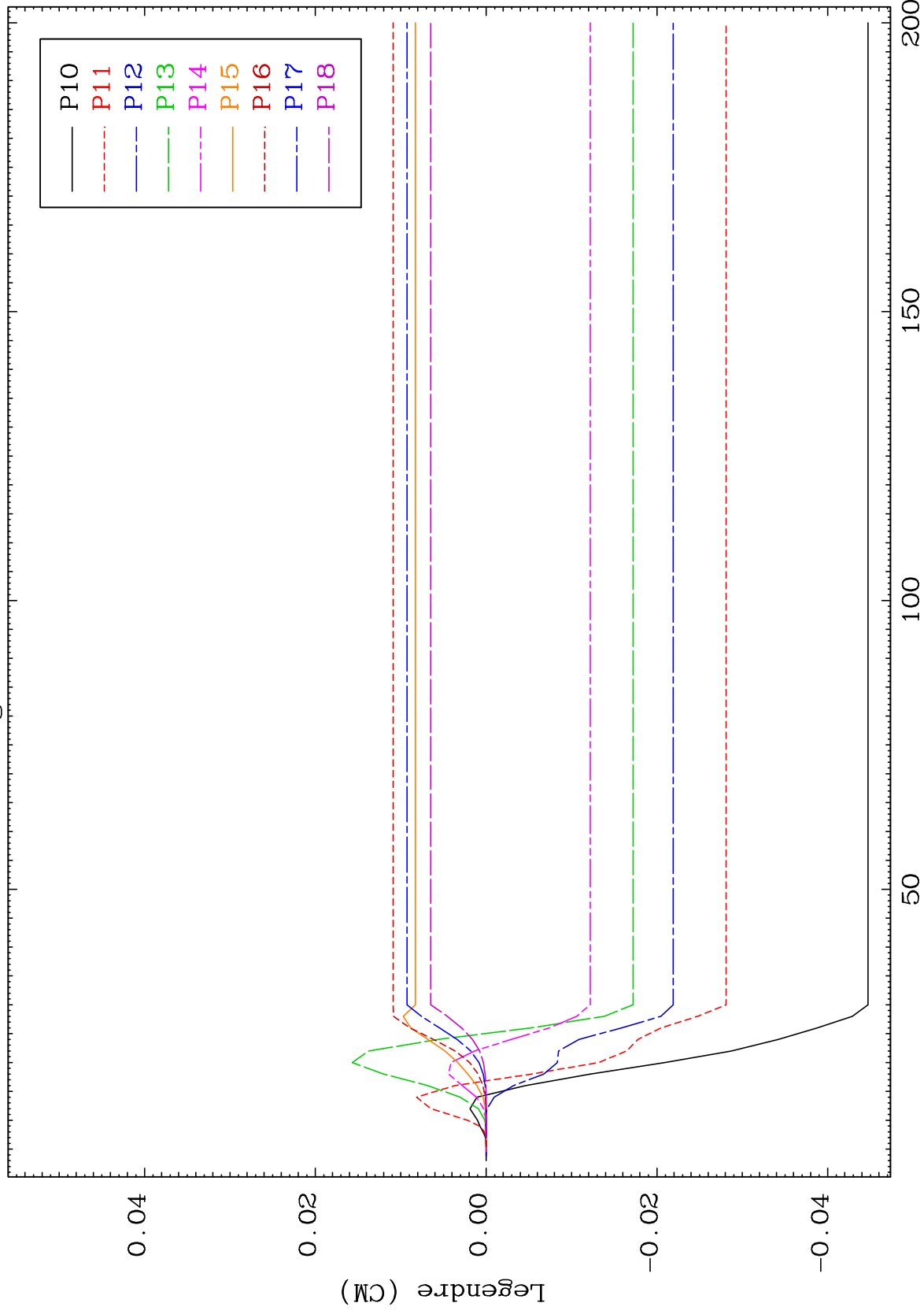
44-Ru-97



MAT 4428

MT= 71 (n,n') Level
Legendre Coefficients

44-Ru-97



97

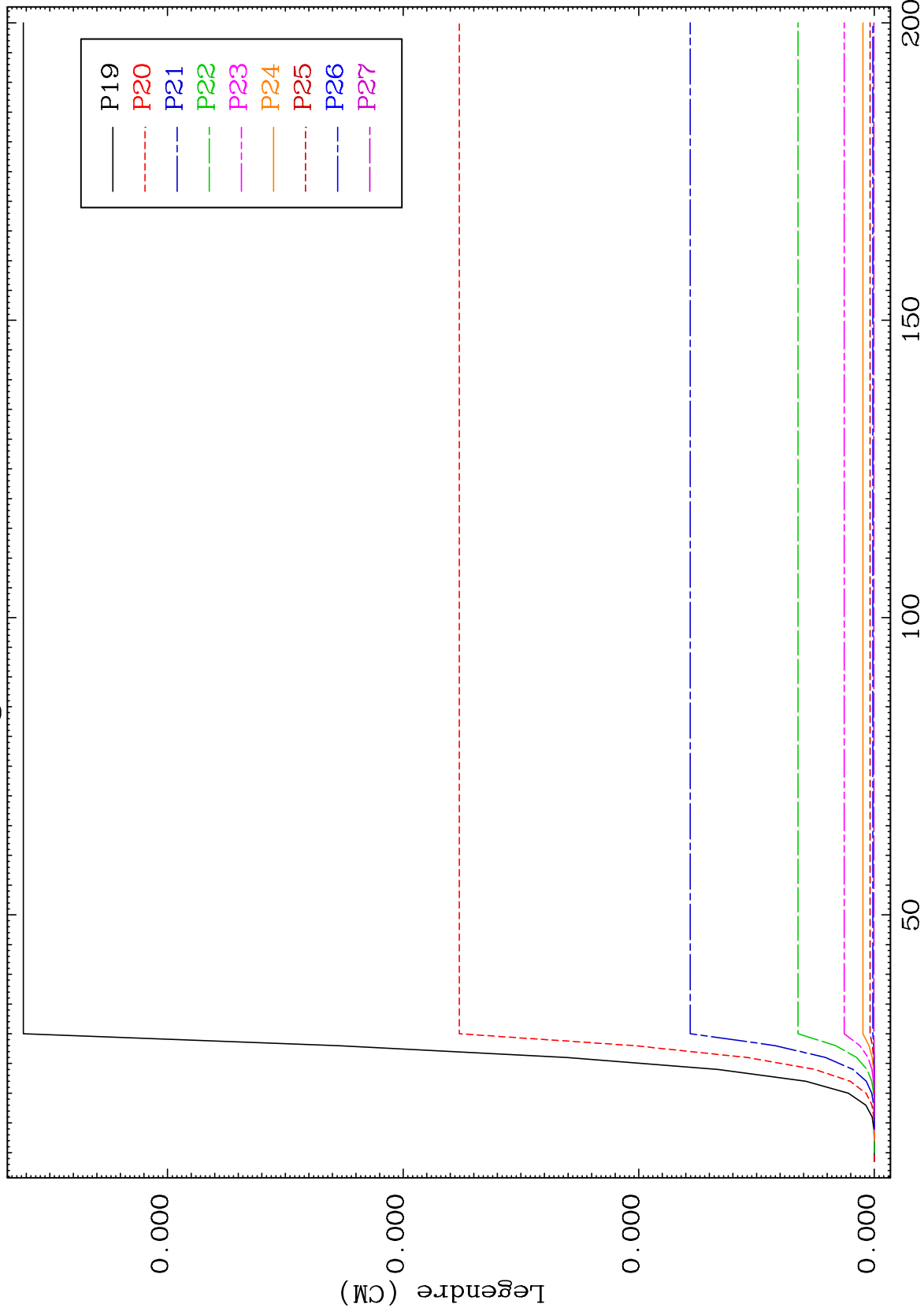
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 71 (n,n') Level
Legendre Coefficients

44-Ru-97



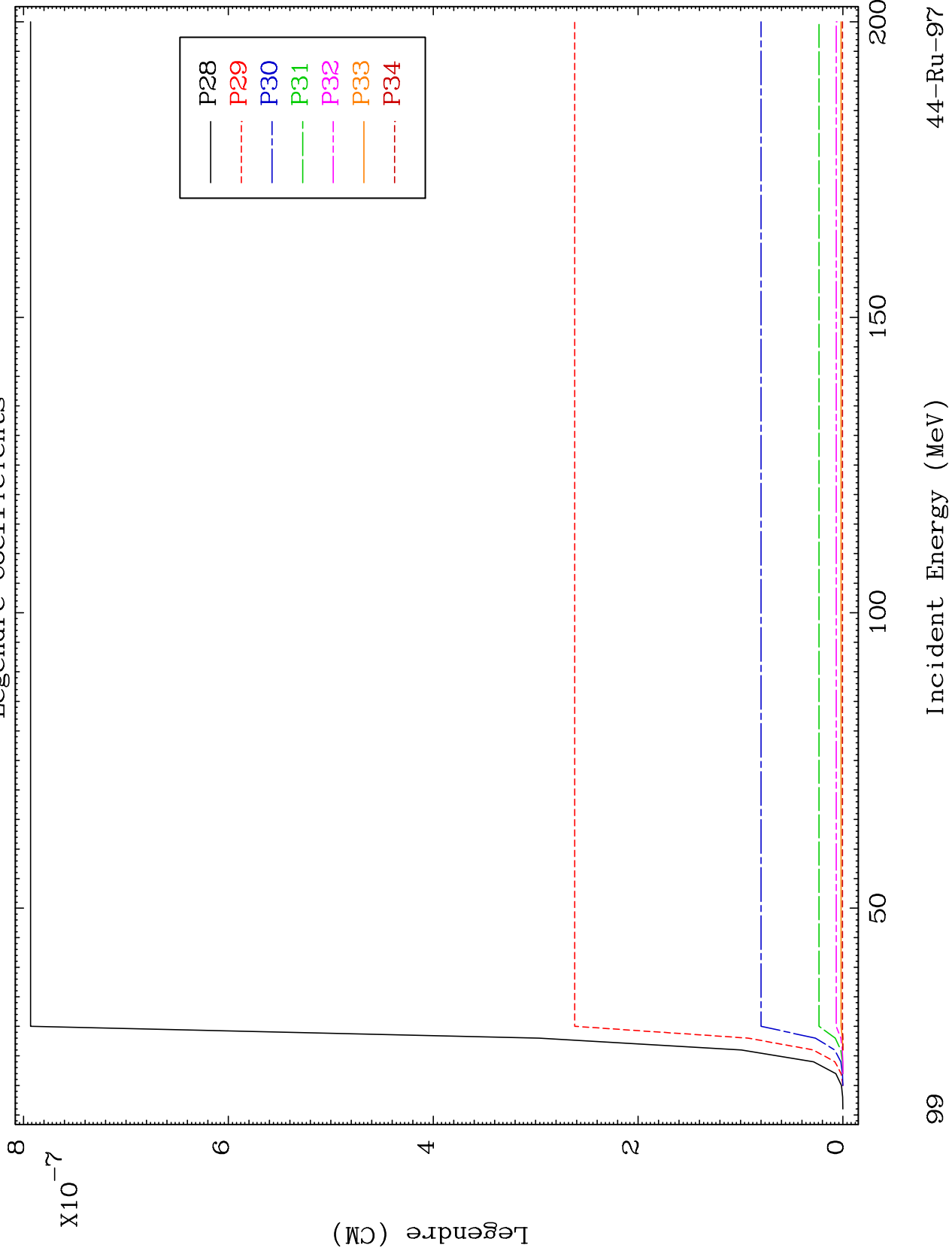
98

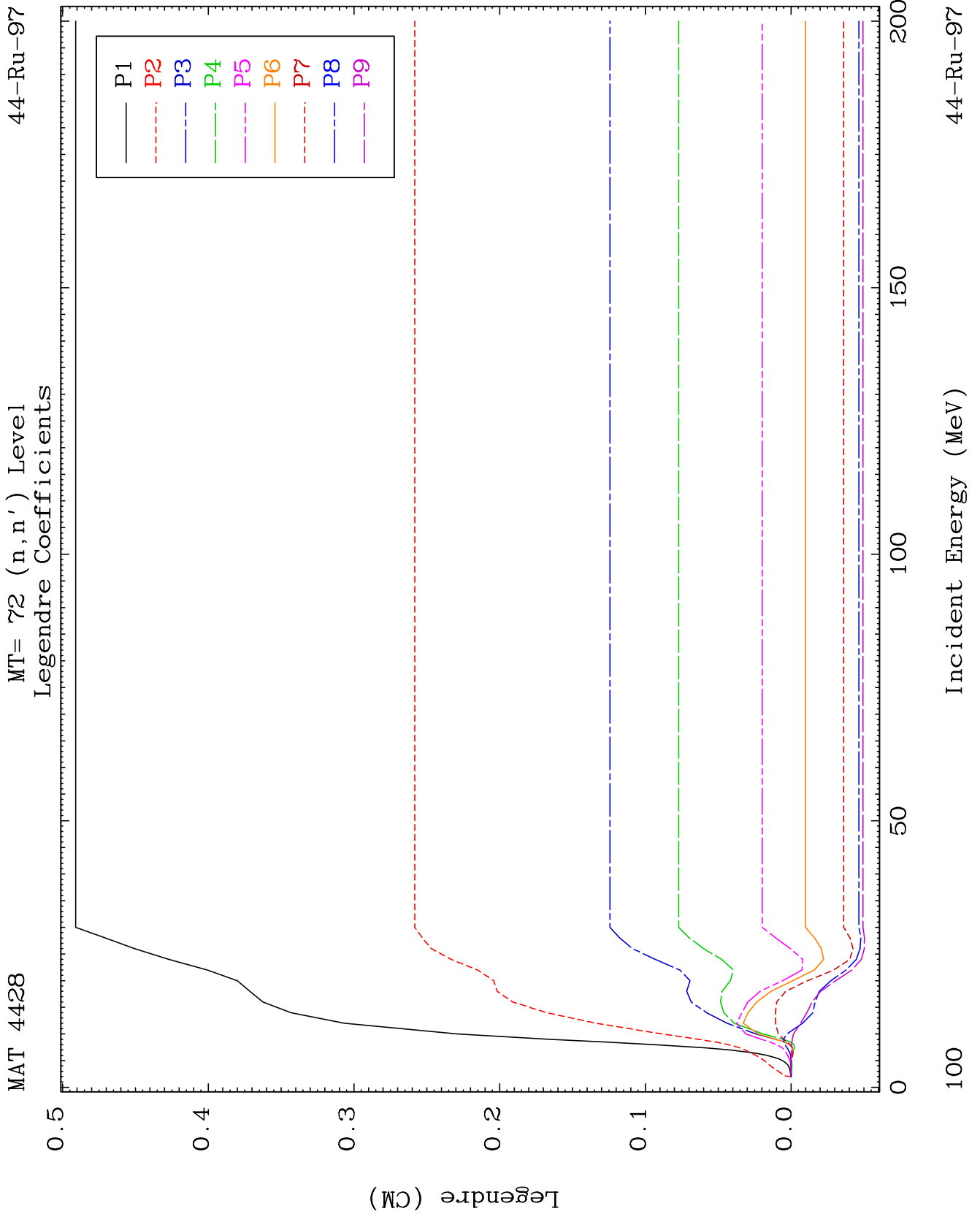
44-Ru-97

MAT 4428

MT= 71 (n,n') Level
Legendre Coefficients

44-Ru-97

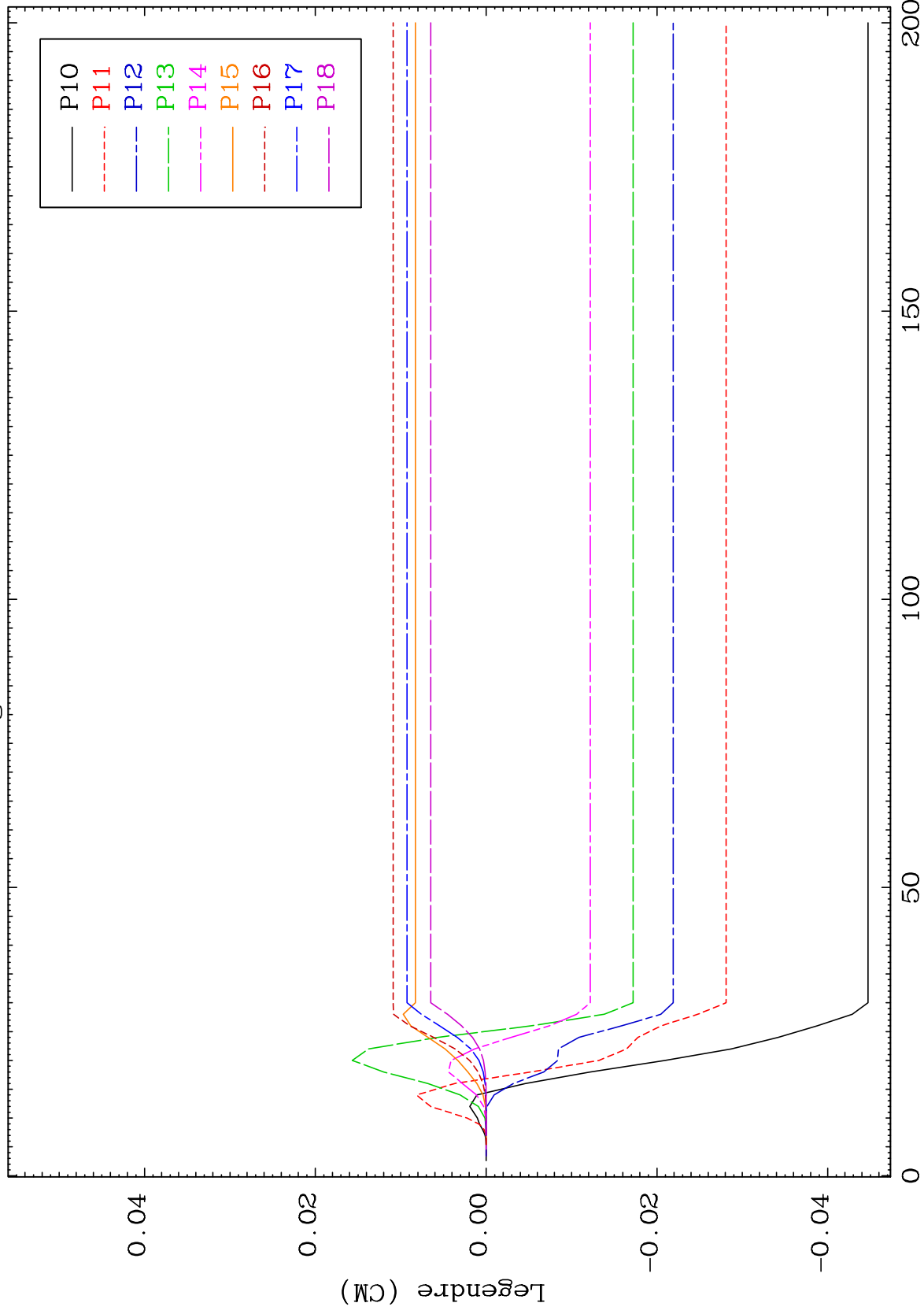




MAT 4428

MT= 72 (n,n') Level
Legendre Coefficients

44-Ru-97



101

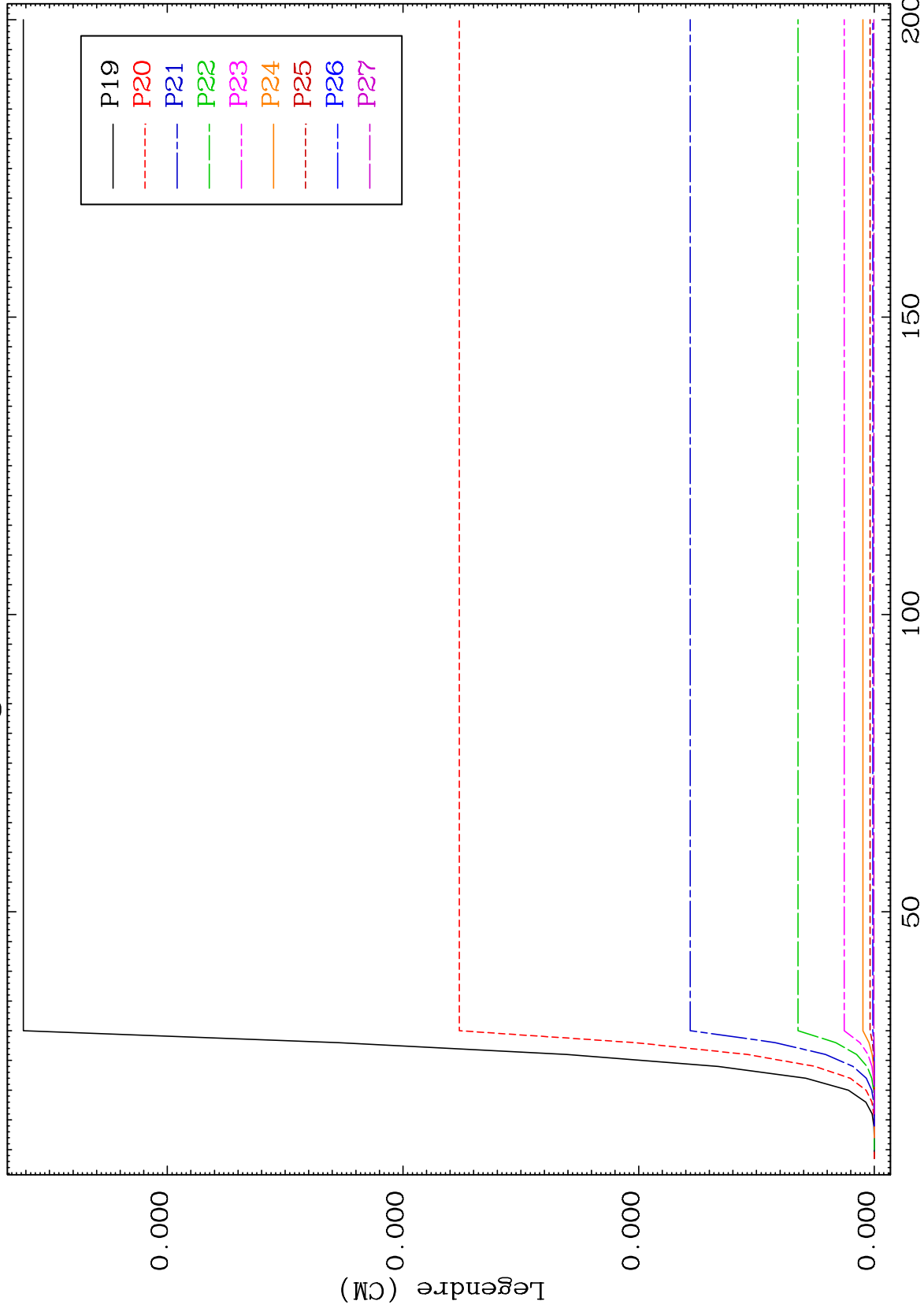
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 72 (n,n') Level
Legendre Coefficients

44-Ru-97



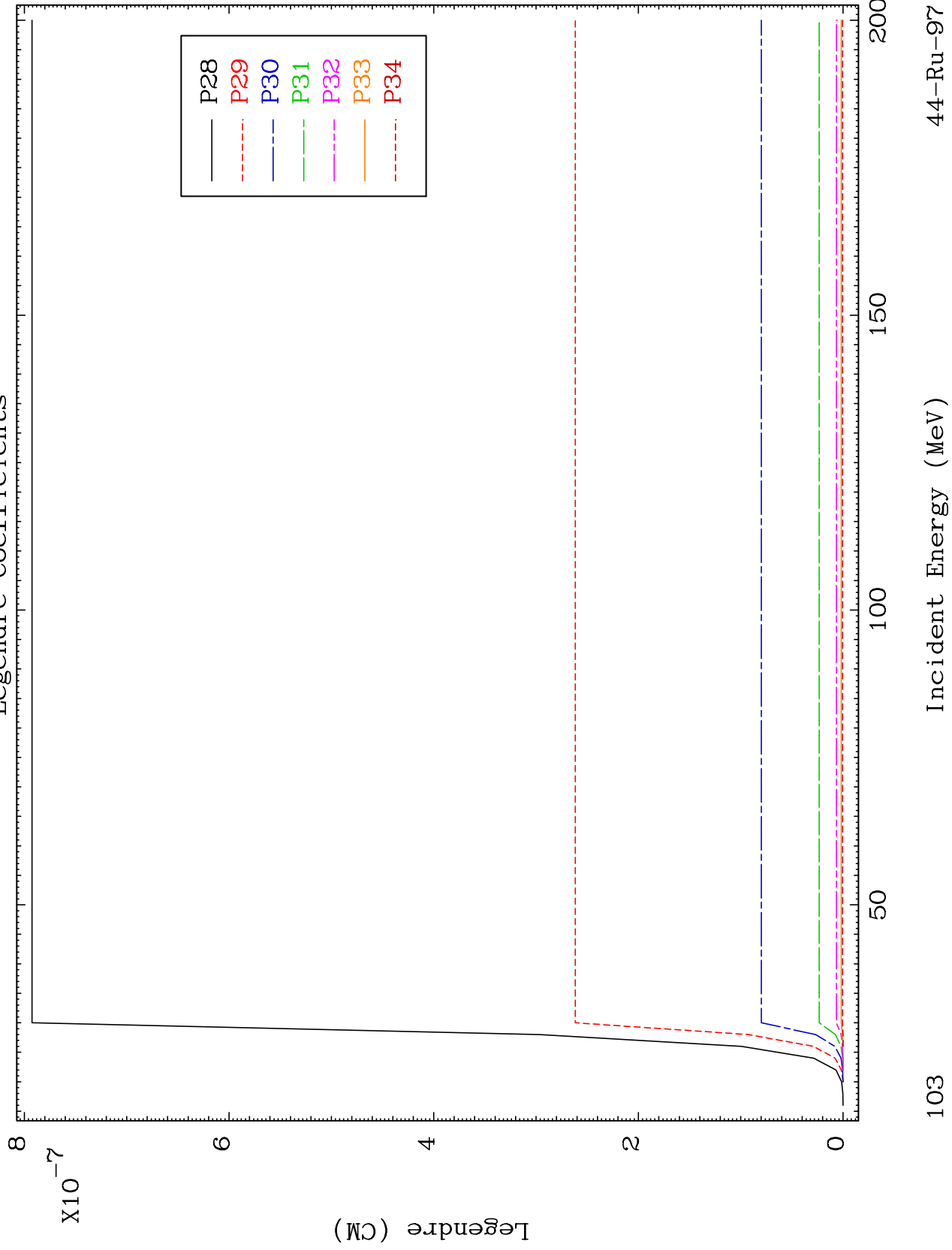
102

44-Ru-97

MAT 4428

MT= 72 (n,n') Level
Legendre Coefficients

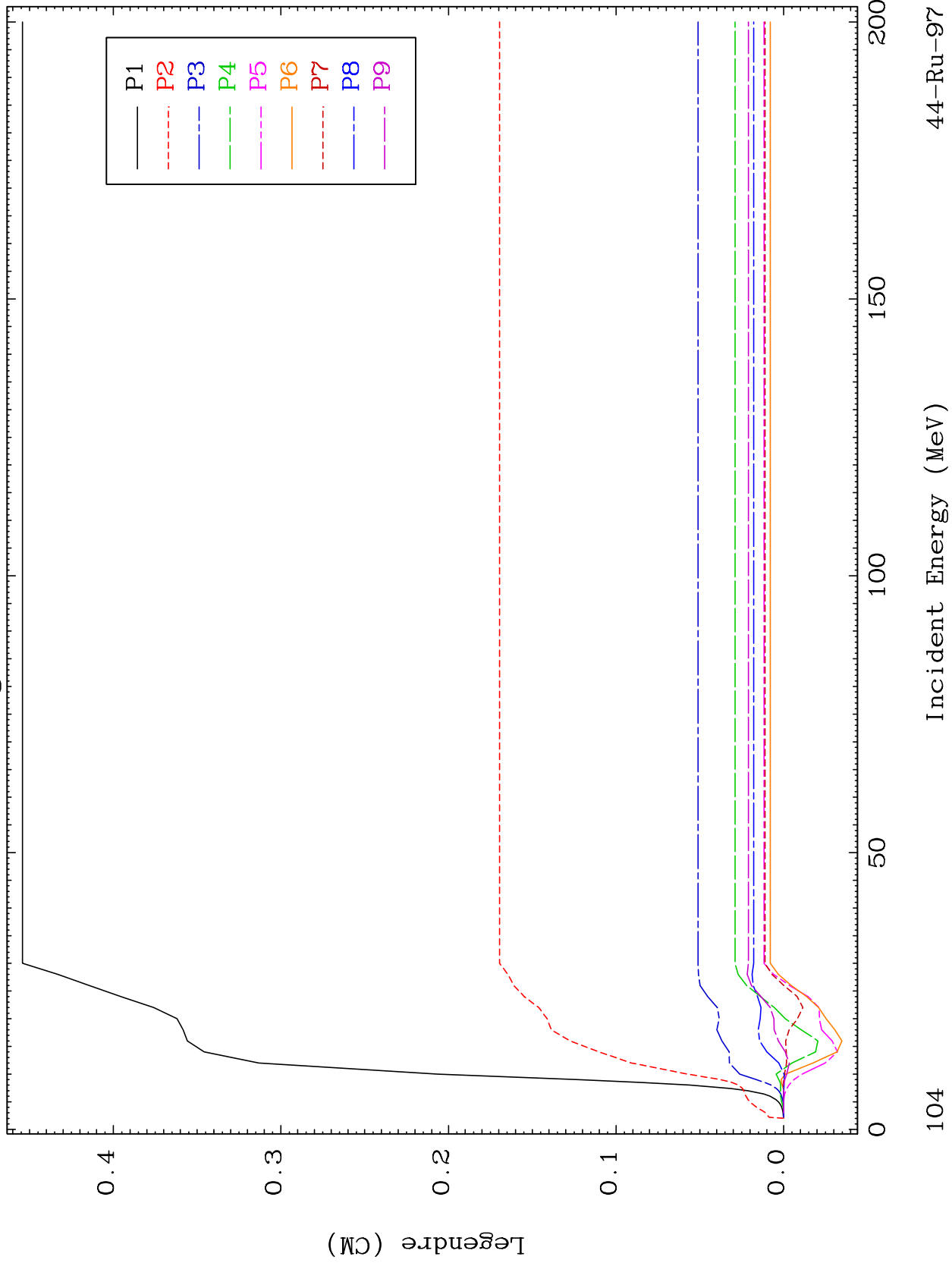
44-Ru-97



MAT 4428

MT= 73 (n,n') Level
Legendre Coefficients

44-Ru-97

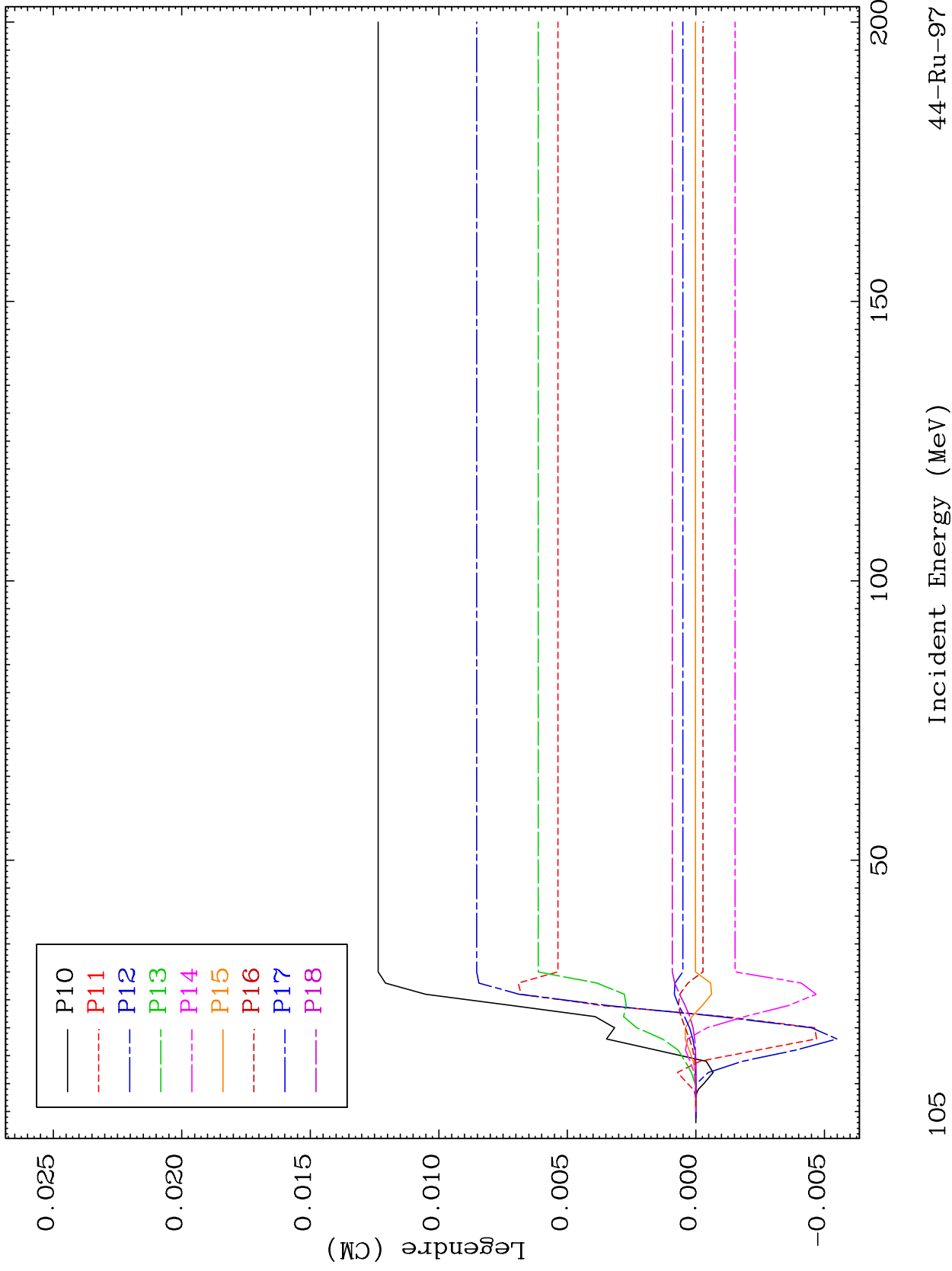


104

MAT 4428

MT= 73 (n,n') Level
Legendre Coefficients

44-Ru-97



105

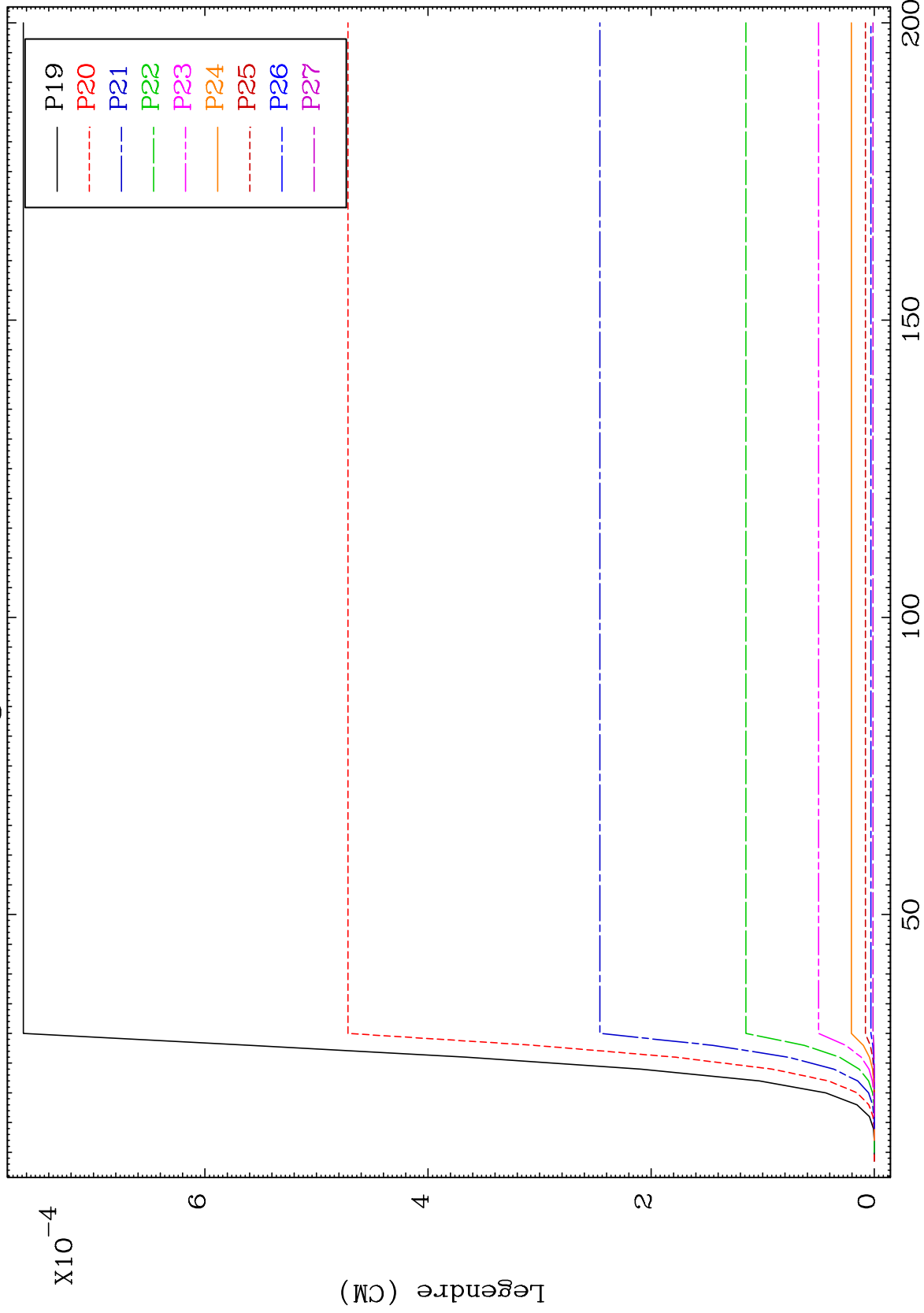
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 73 (n,n') Level
Legendre Coefficients

44-Ru-97



106

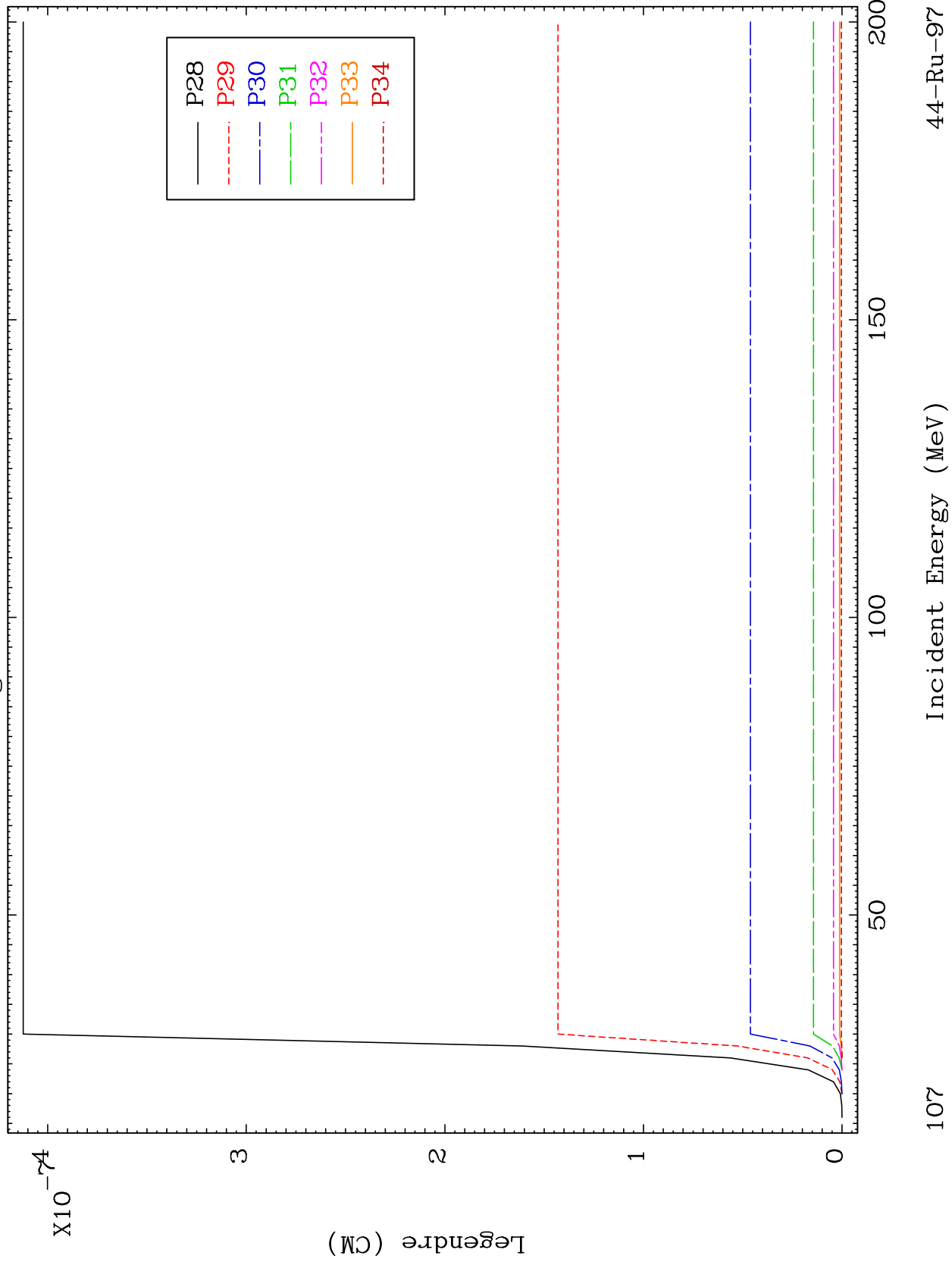
Incident Energy (MeV)

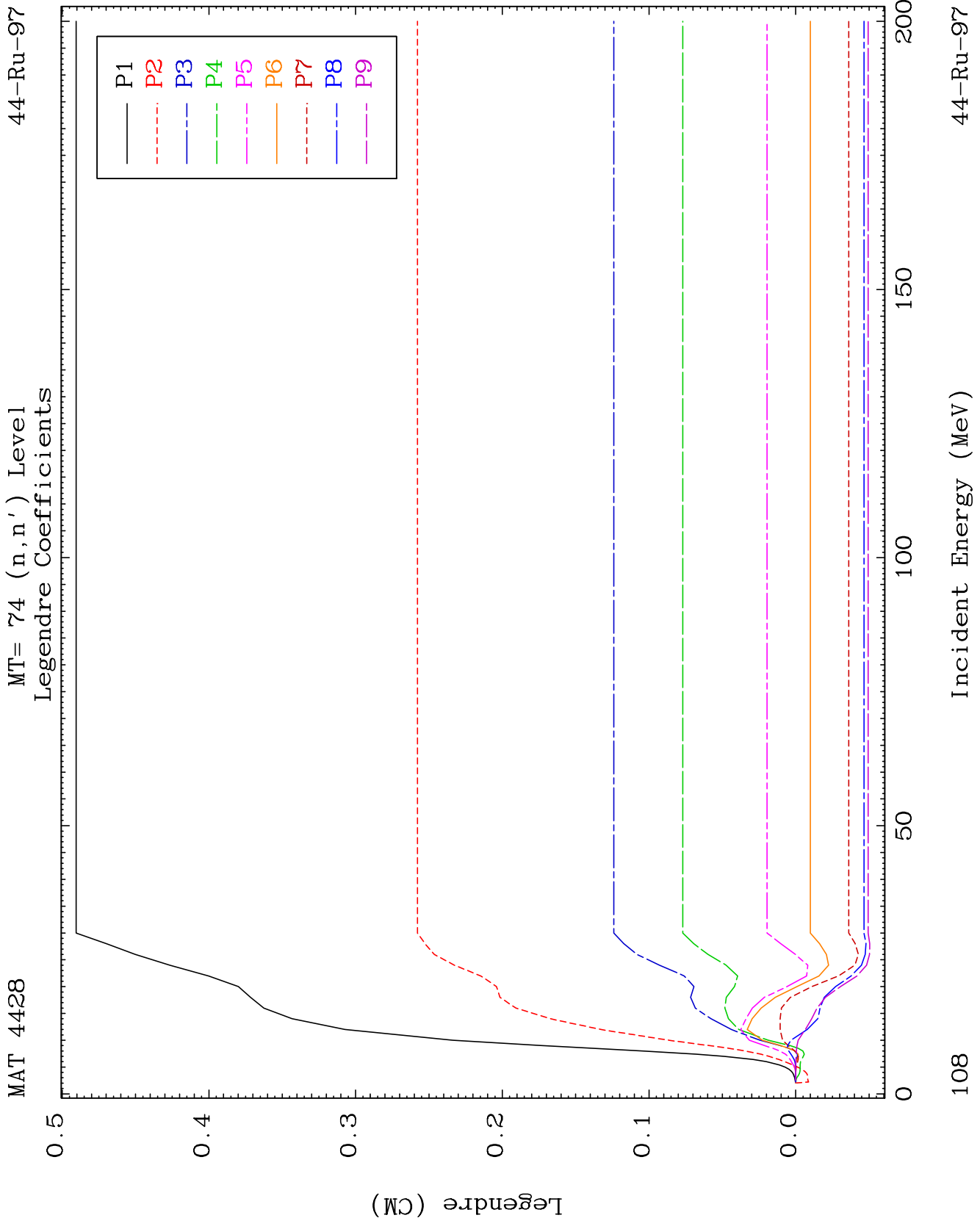
44-Ru-97

MAT 4428

MT= 73 (n,n') Level
Legendre Coefficients

44-Ru-97

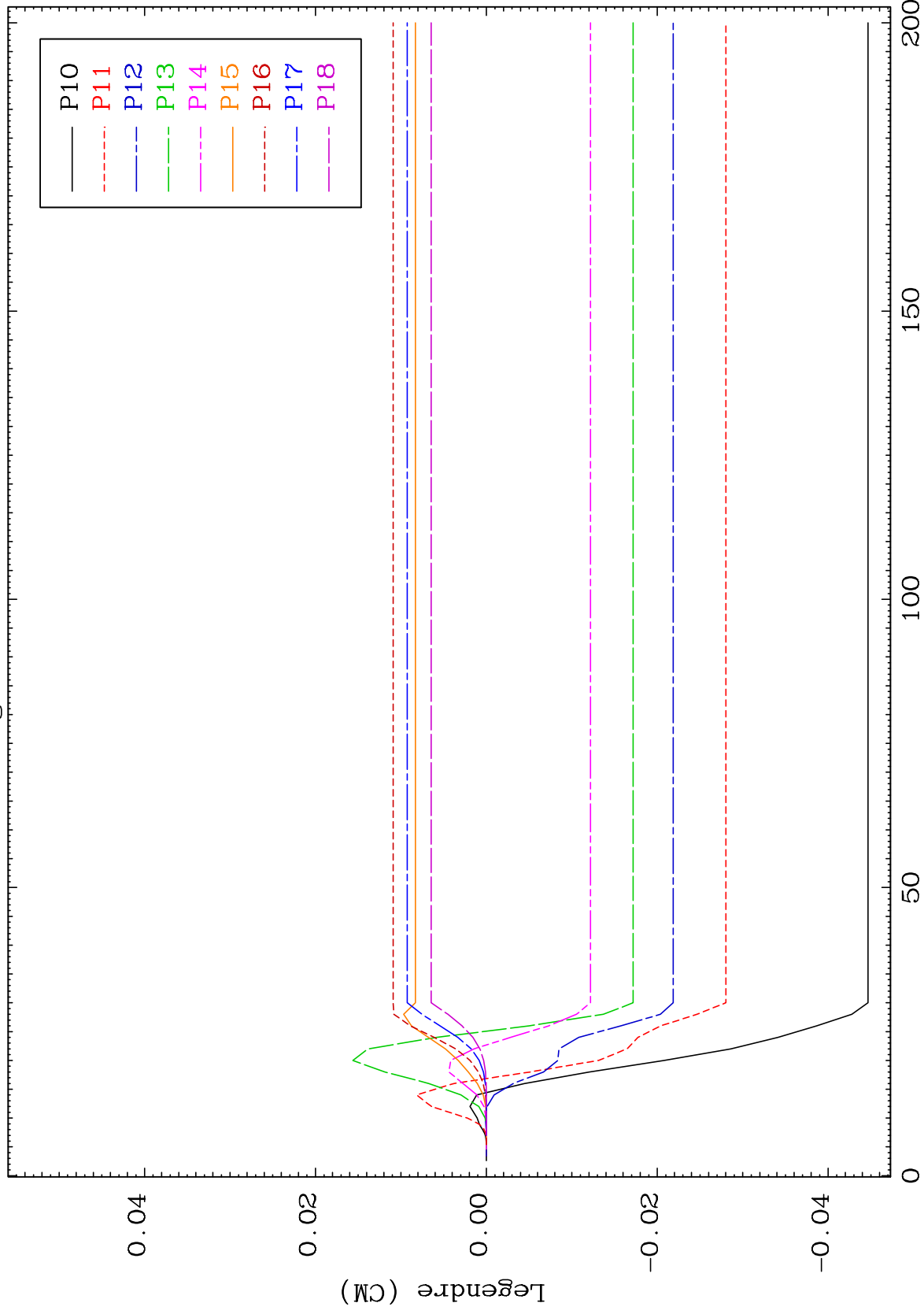




MAT 4428

MT= 74 (n,n') Level
Legendre Coefficients

44-Ru-97



109

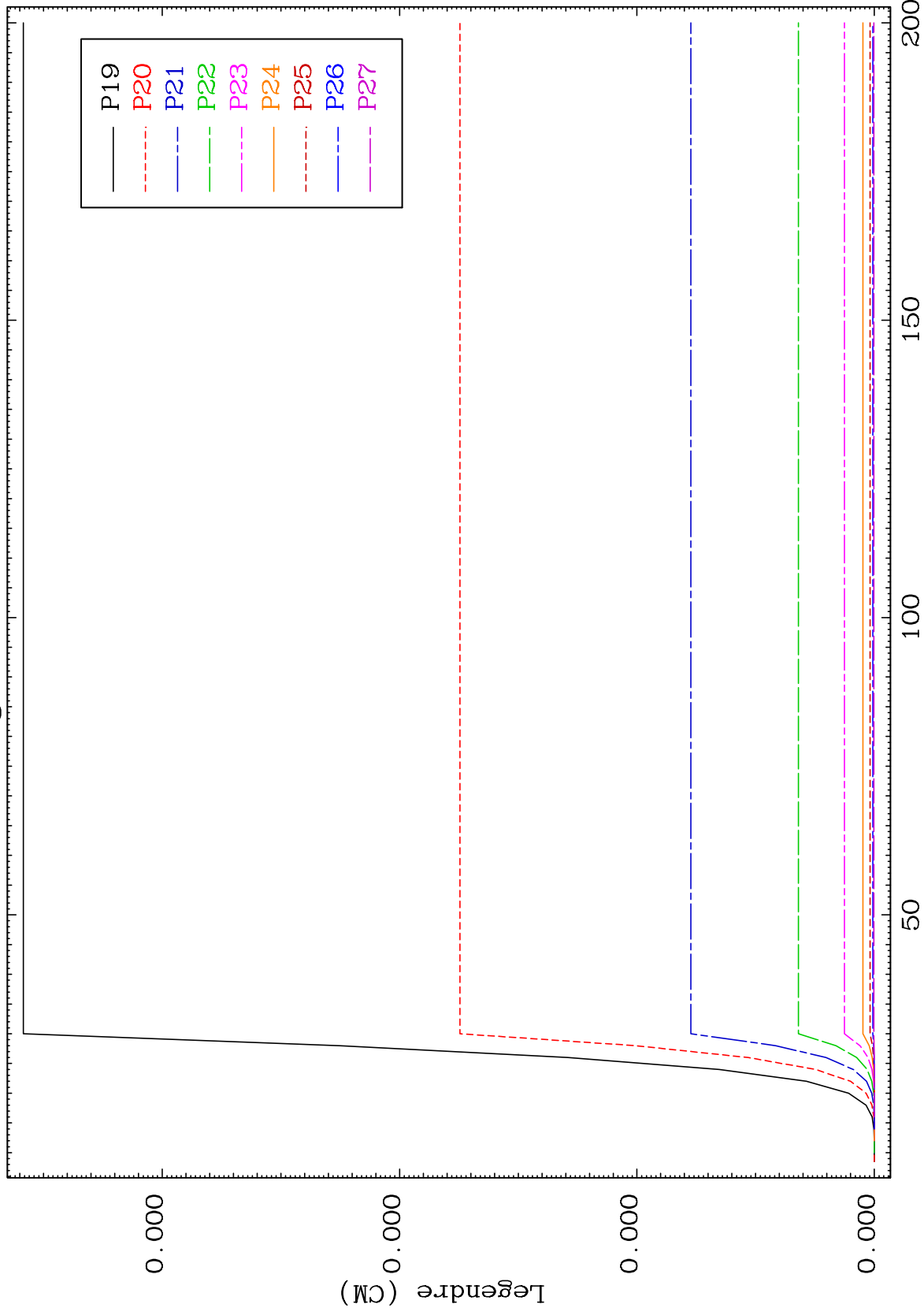
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 74 (n,n') Level
Legendre Coefficients

44-Ru-97



110

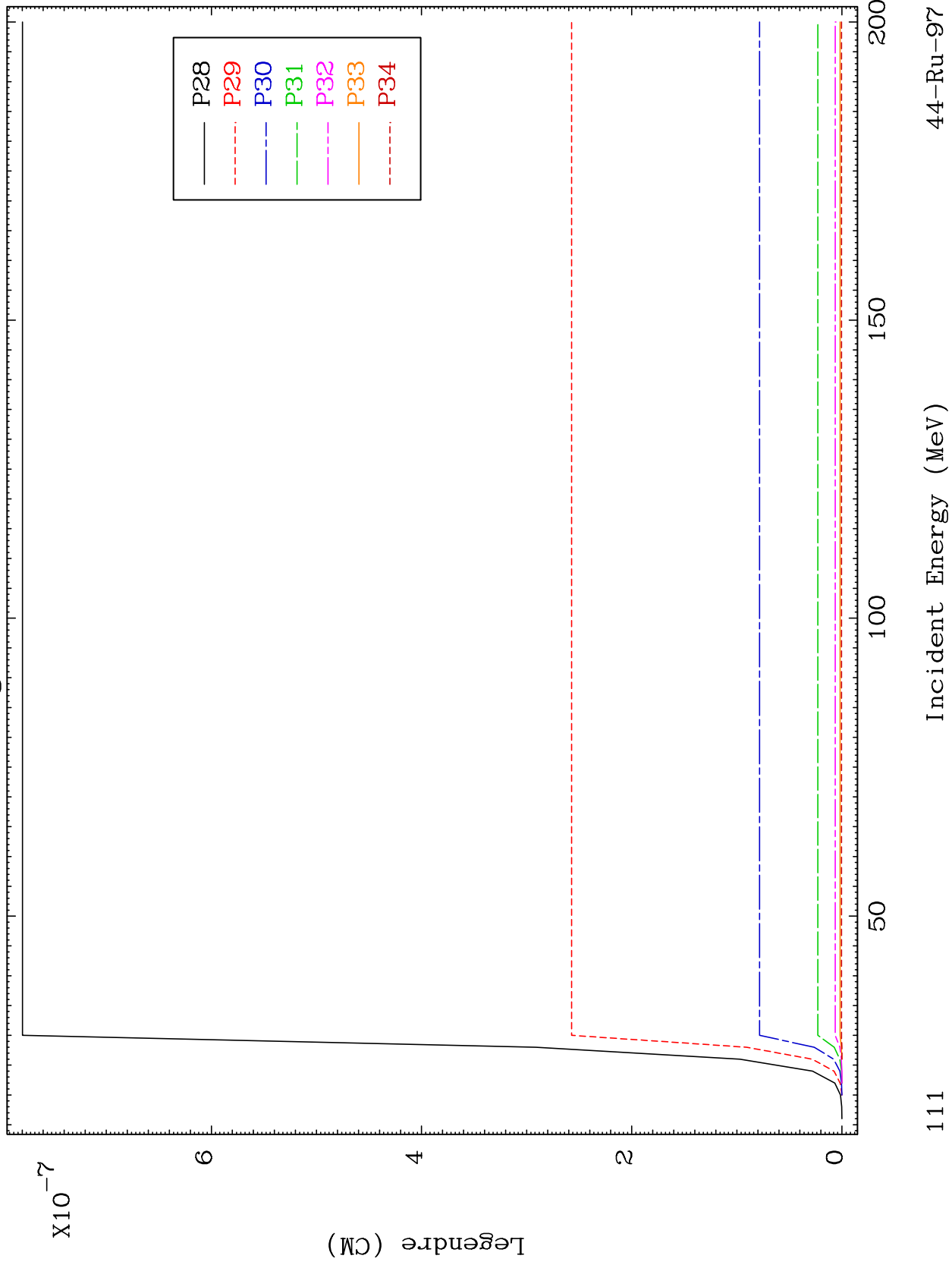
44-Ru-97

44-Ru-97

MAT 4428

MT= 74 (n,n') Level
Legendre Coefficients

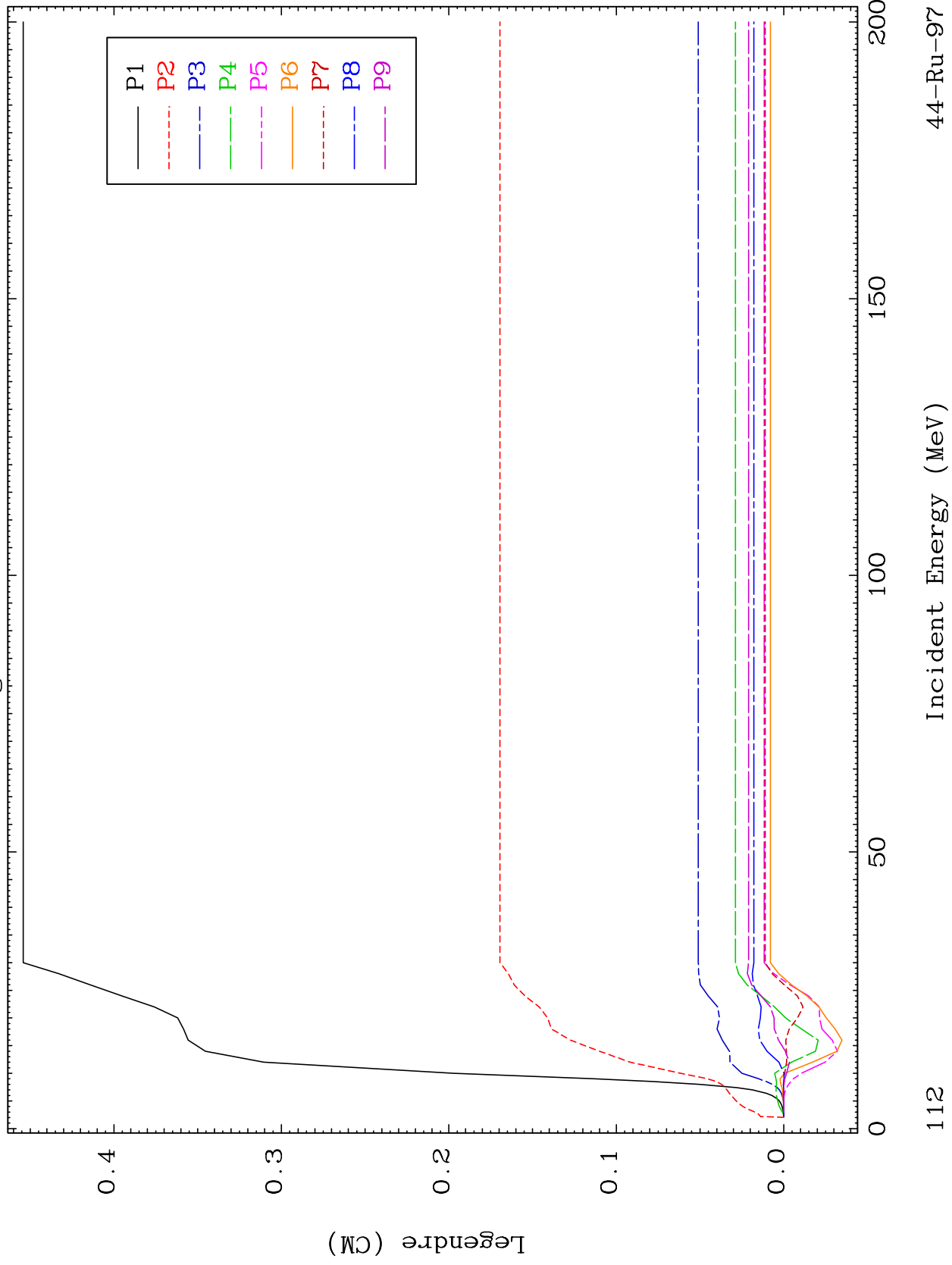
44-Ru-97



MAT 4428

MT= 75 (n,n') Level
Legendre Coefficients

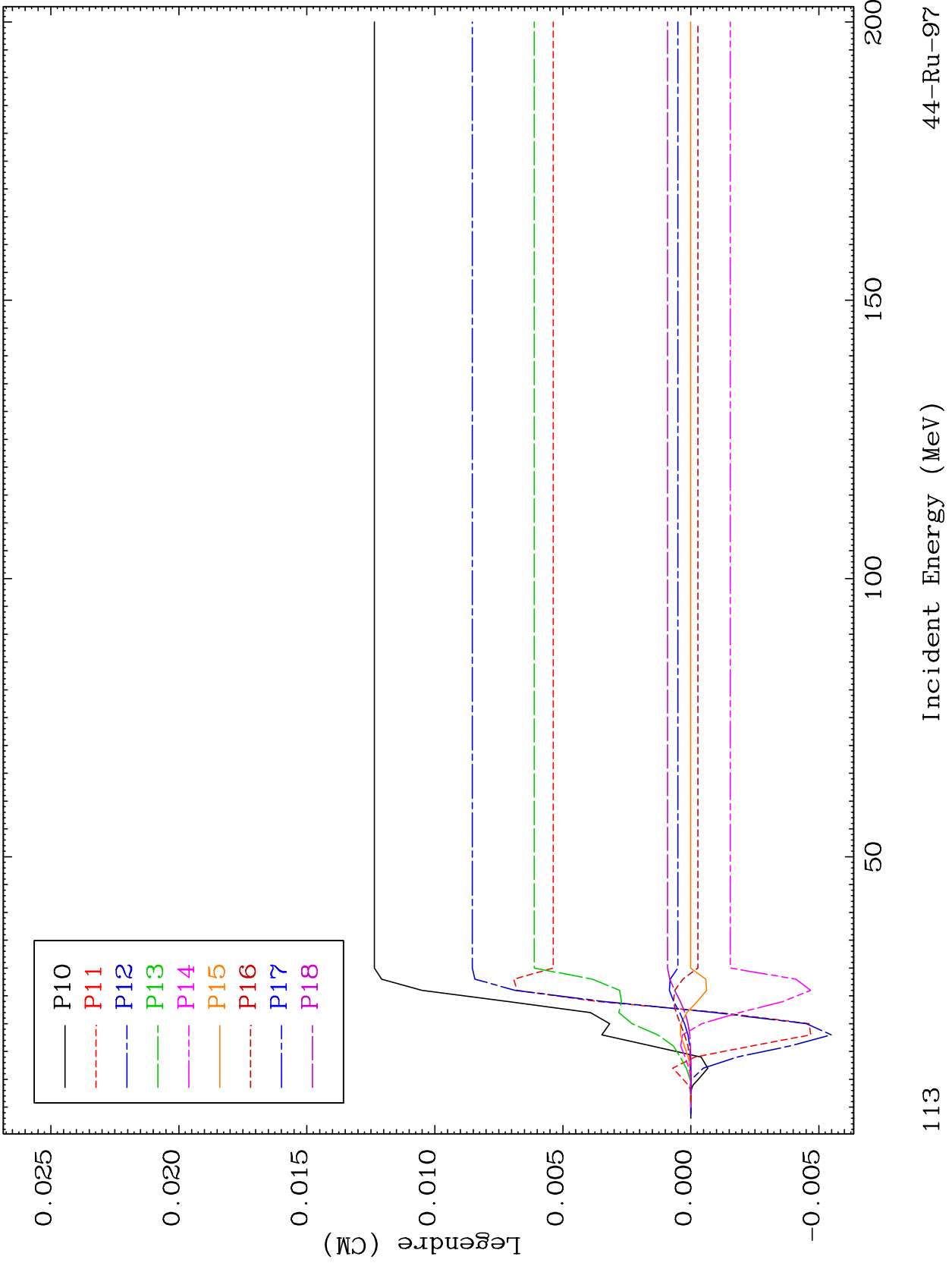
44-Ru-97



MAT 4428

MT= 75 (n,n') Level
Legendre Coefficients

44-Ru-97



113

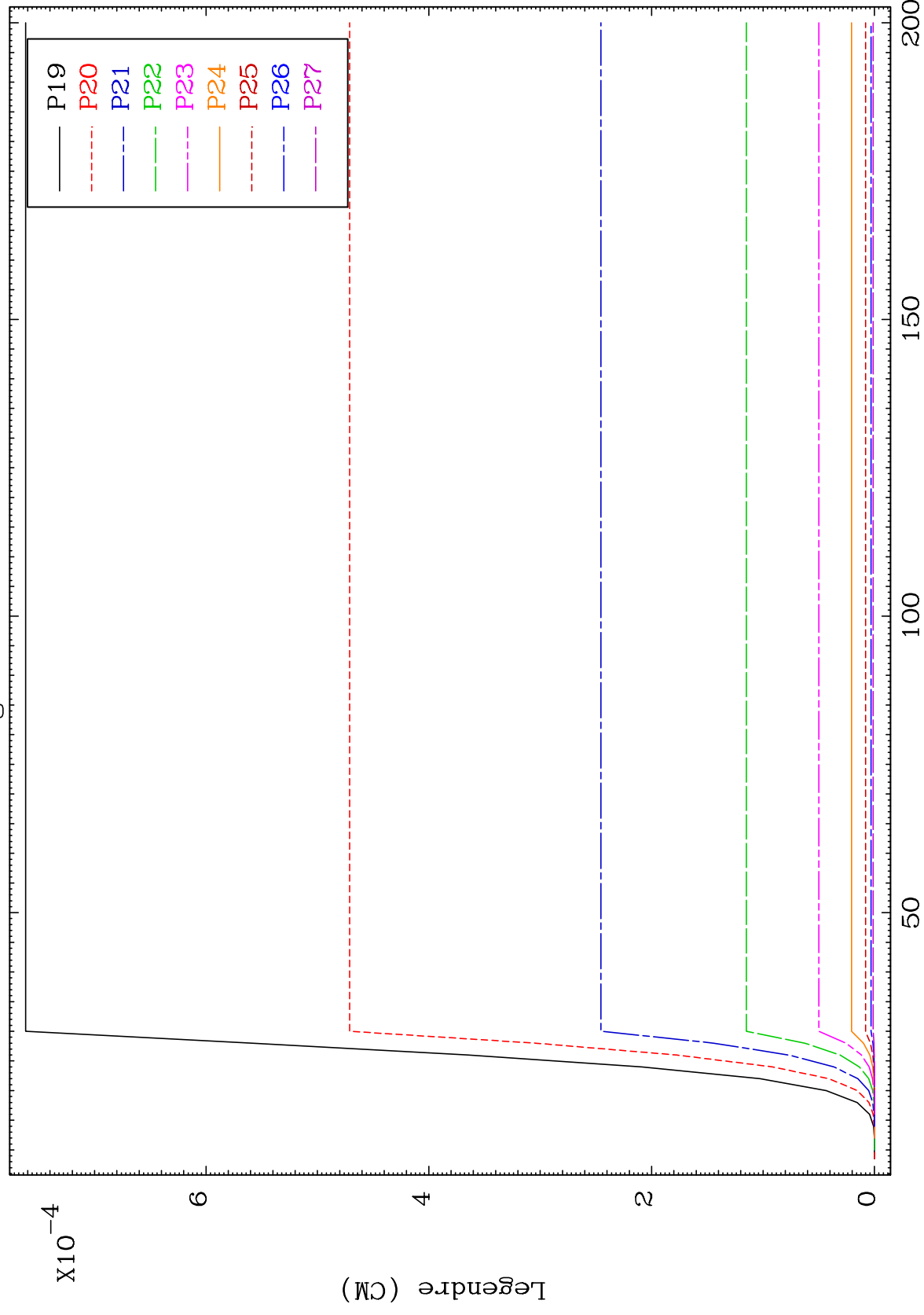
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 75 (n,n') Level
Legendre Coefficients

44-Ru-97



114

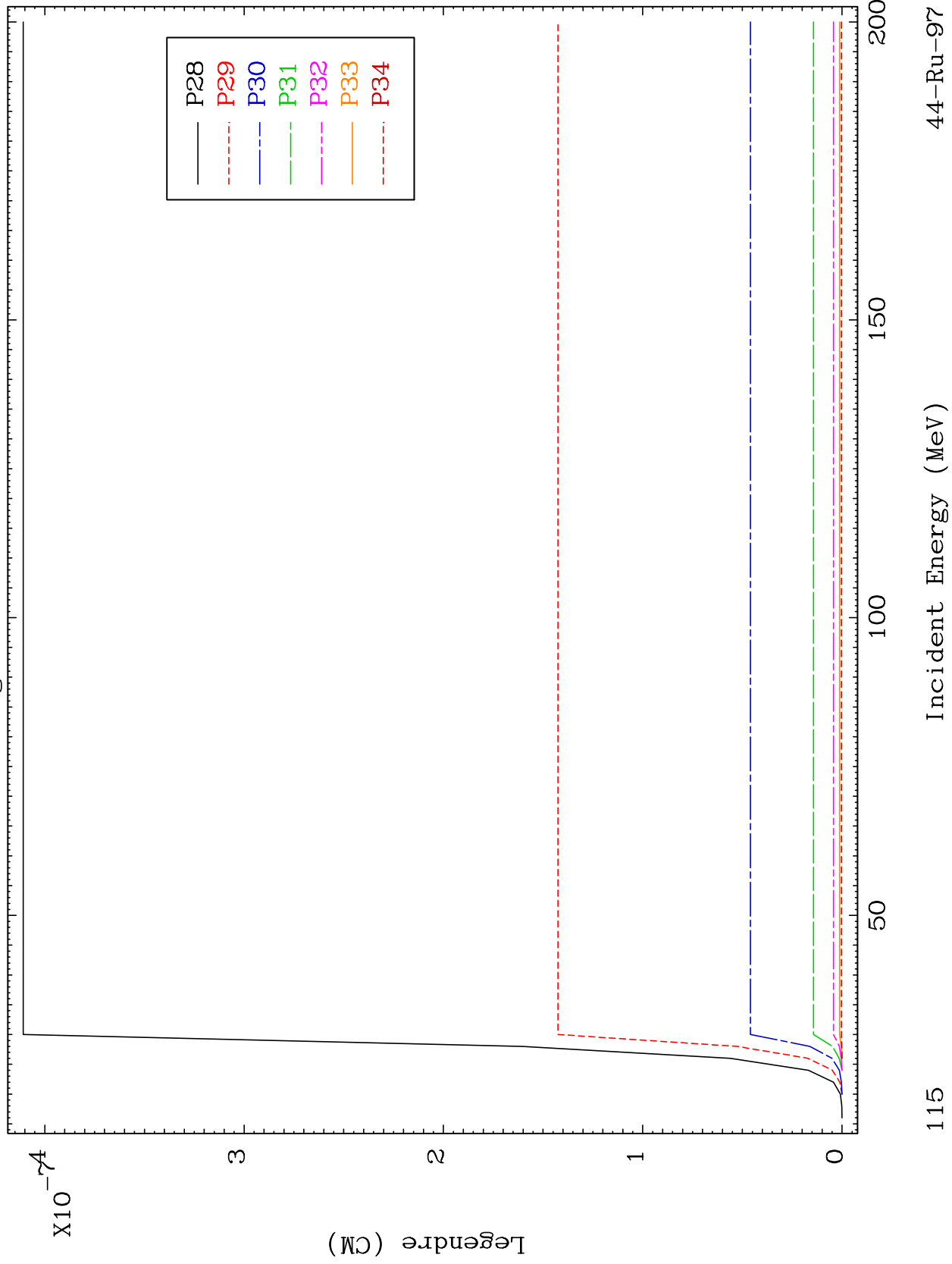
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 75 (n,n') Level
Legendre Coefficients

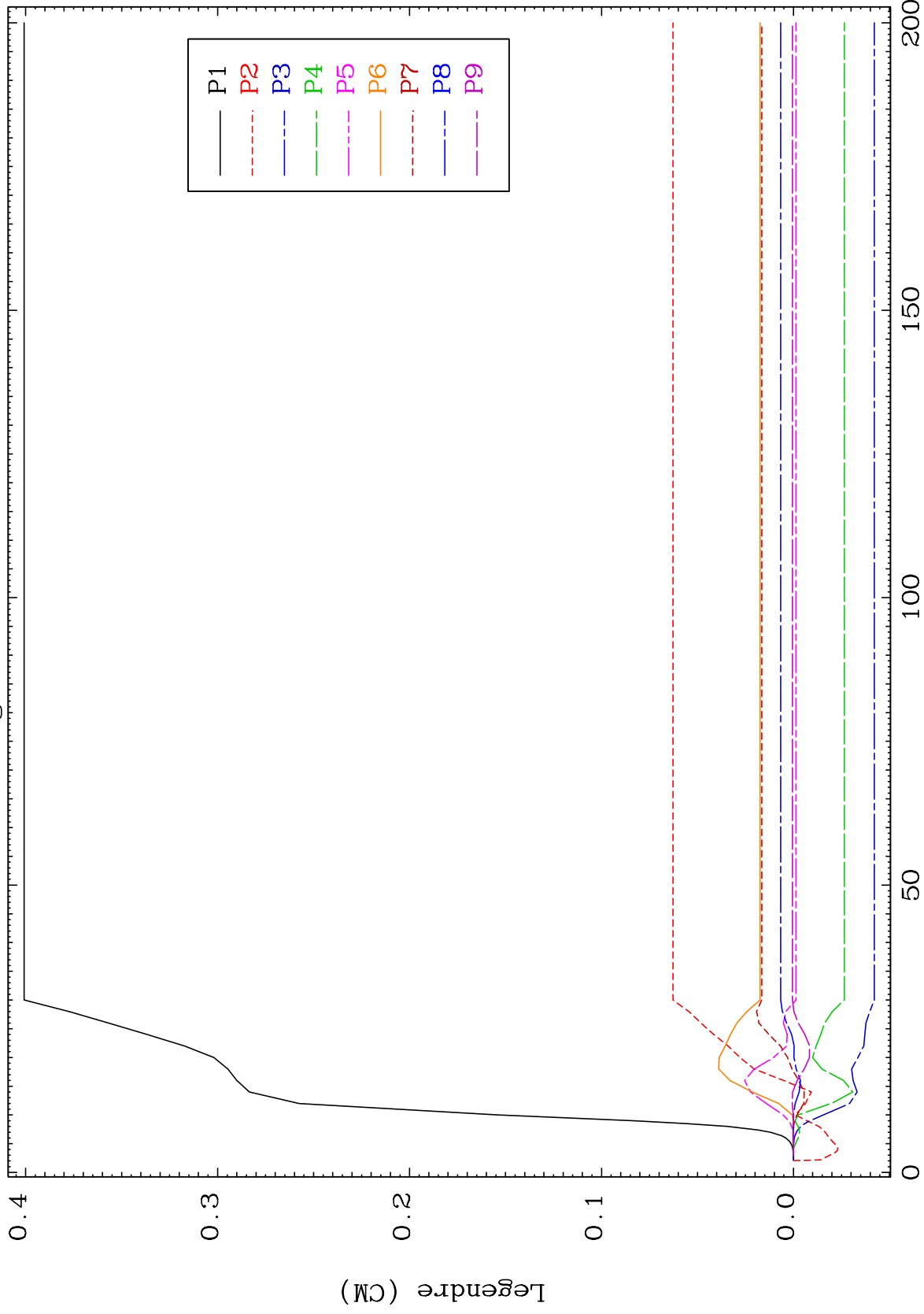
44-Ru-97



MAT 4428

MT= 76 (n,n') Level
Legendre Coefficients

44-Ru-97



116

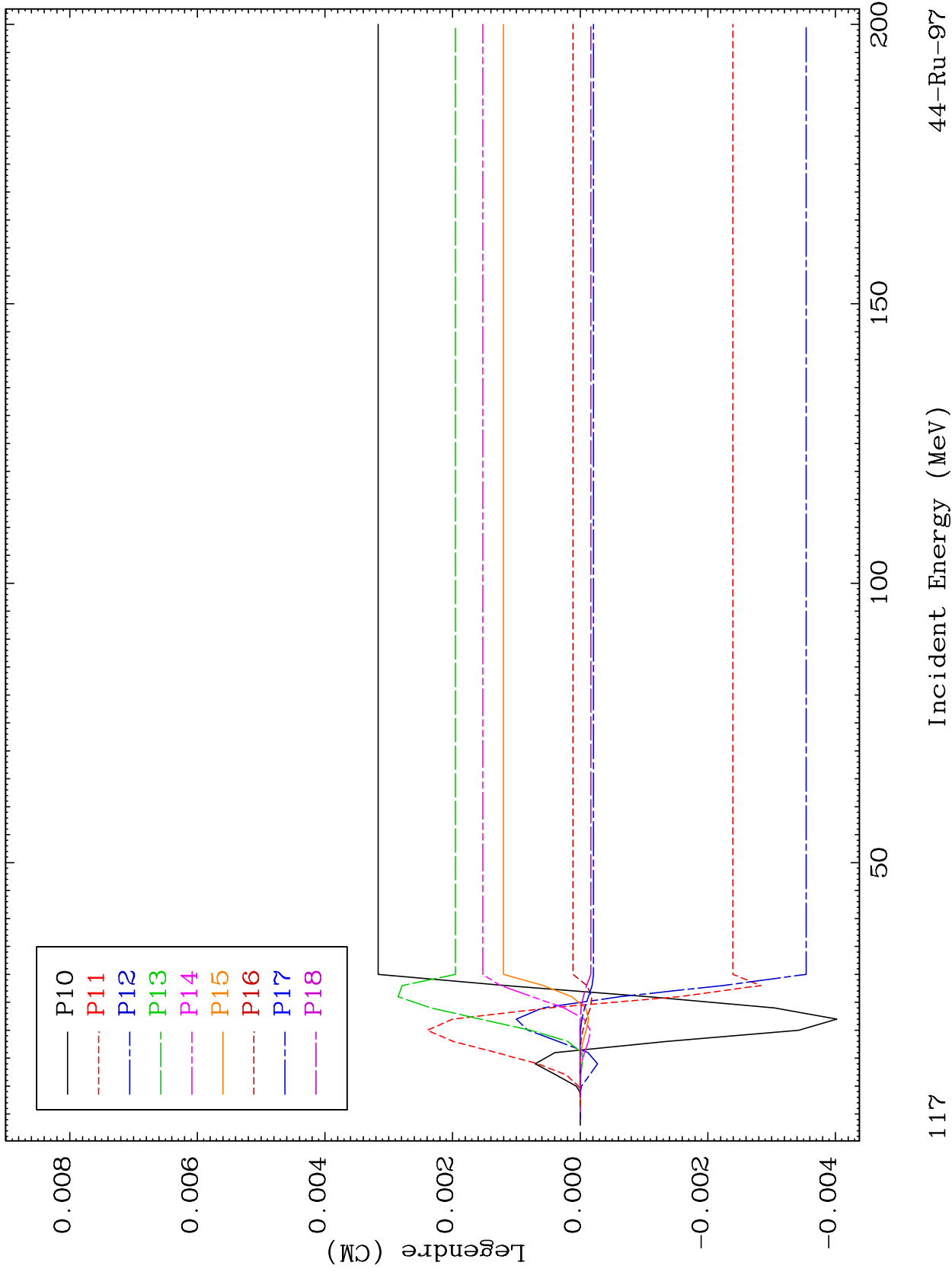
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 76 (n,n') Level
Legendre Coefficients

44-Ru-97



117

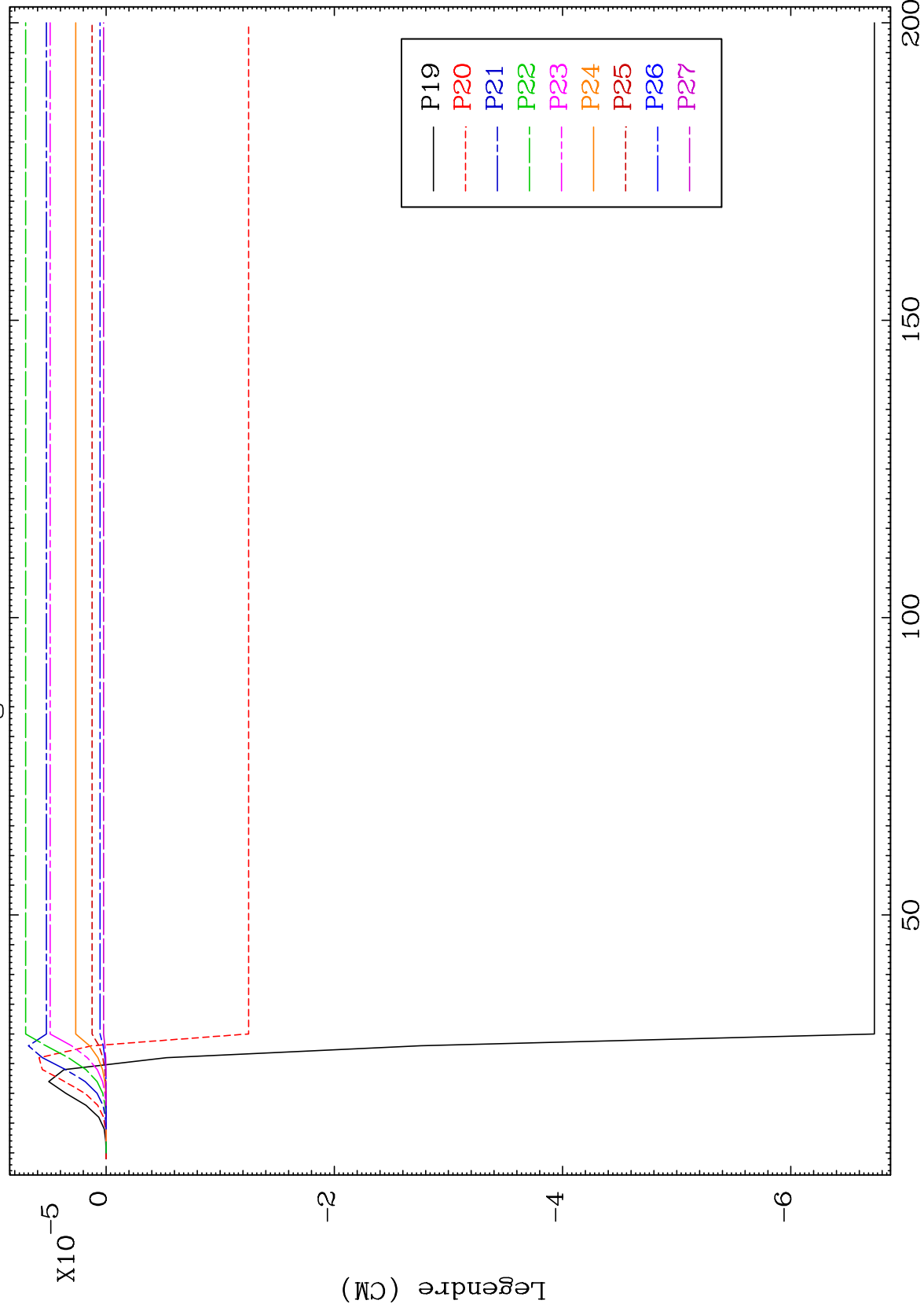
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 76 (n,n') Level
Legendre Coefficients

44-Ru-97



118

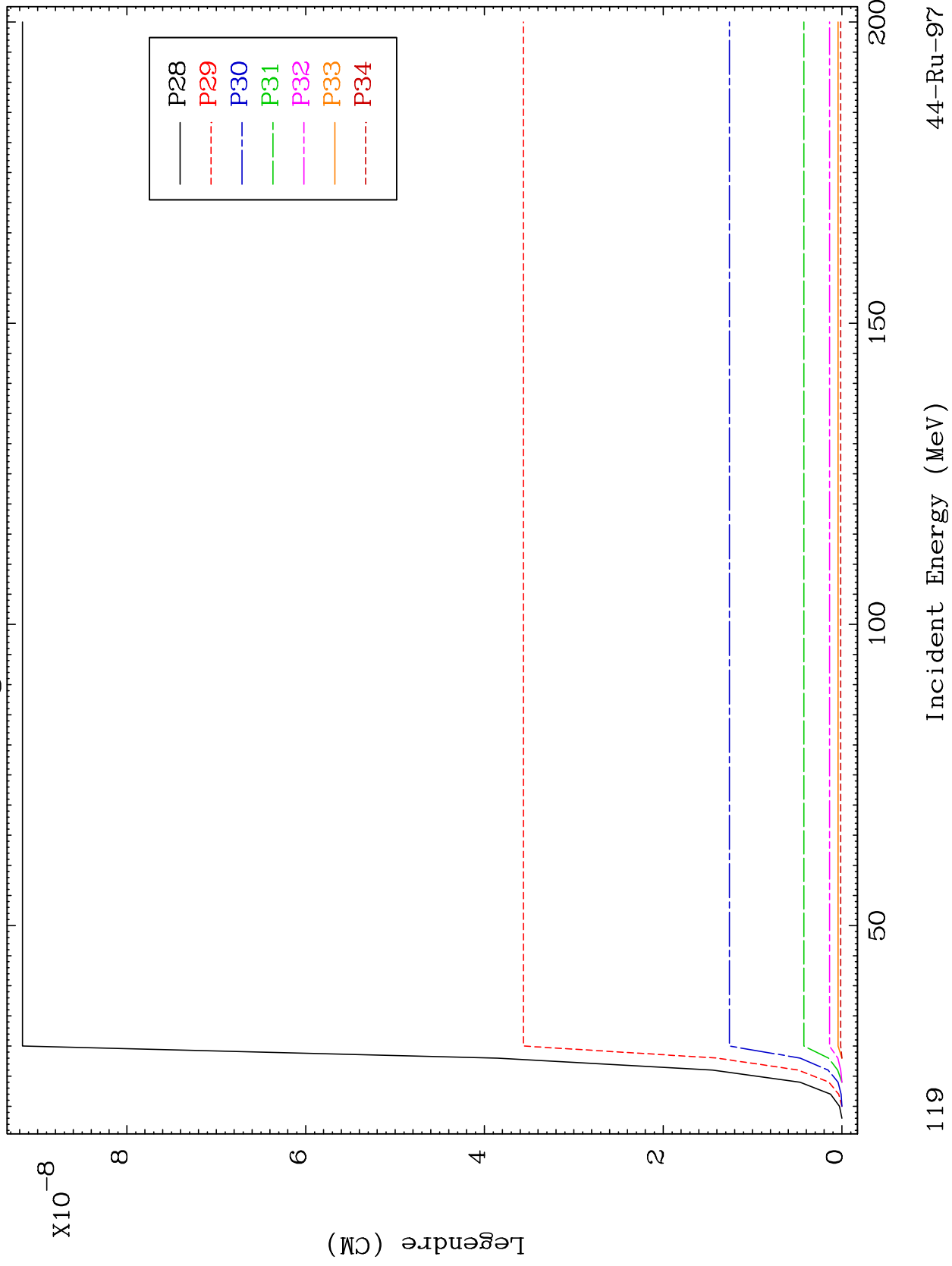
Incident Energy (MeV)

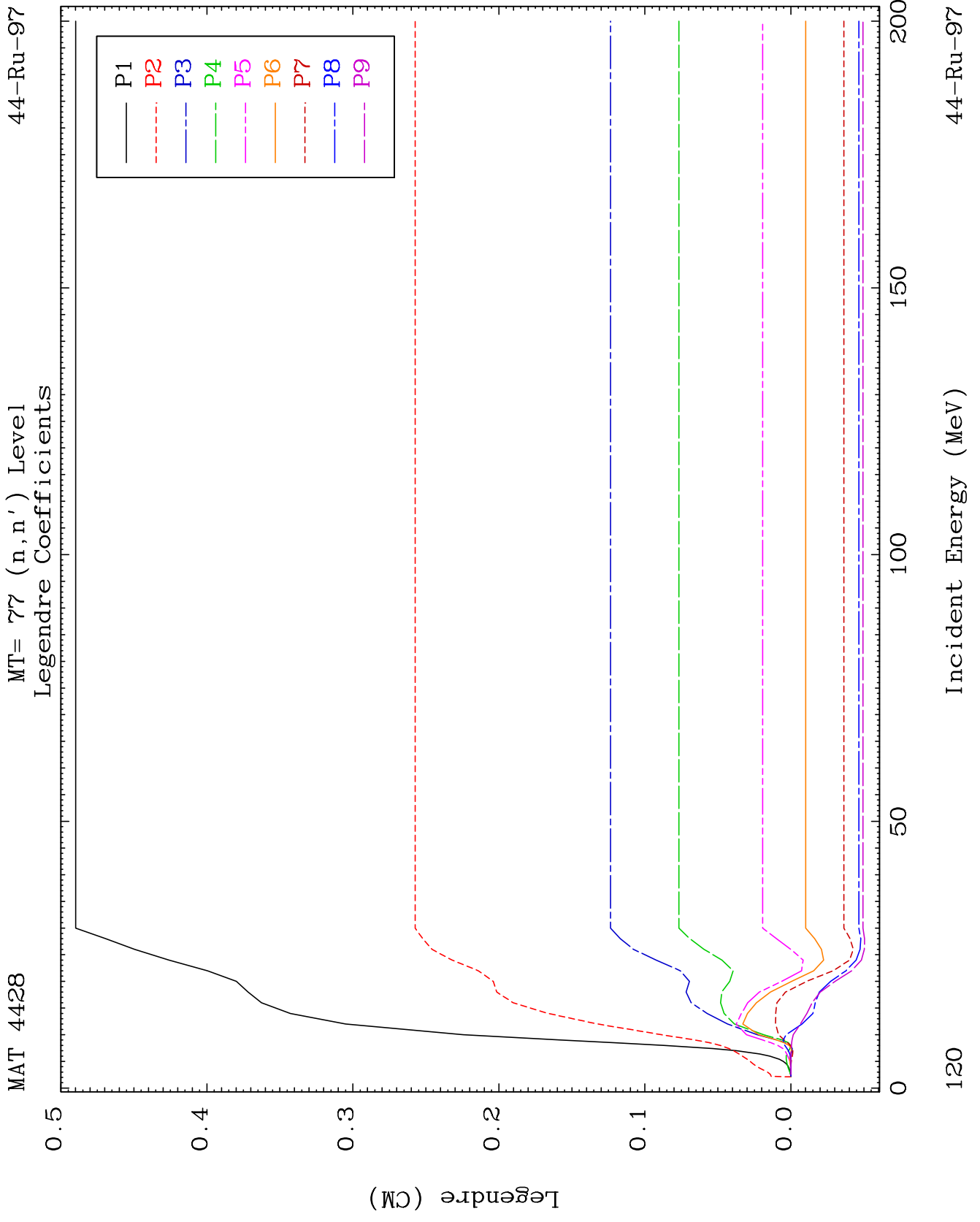
44-Ru-97

MAT 4428

MT= 76 (n,n') Level
Legendre Coefficients

44-Ru-97

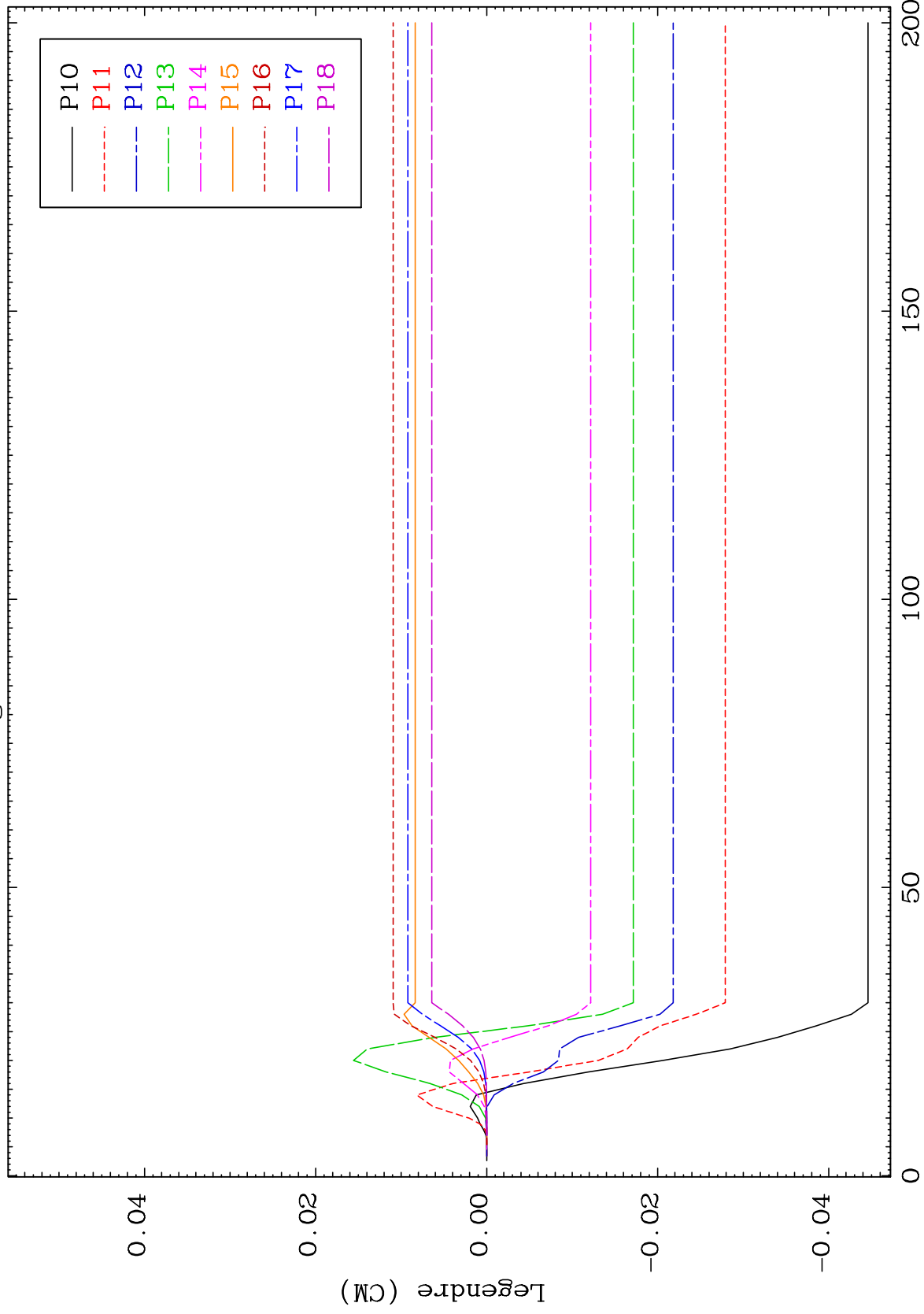




MAT 4428

MT= 77 (n,n') Level
Legendre Coefficients

44-Ru-97



121

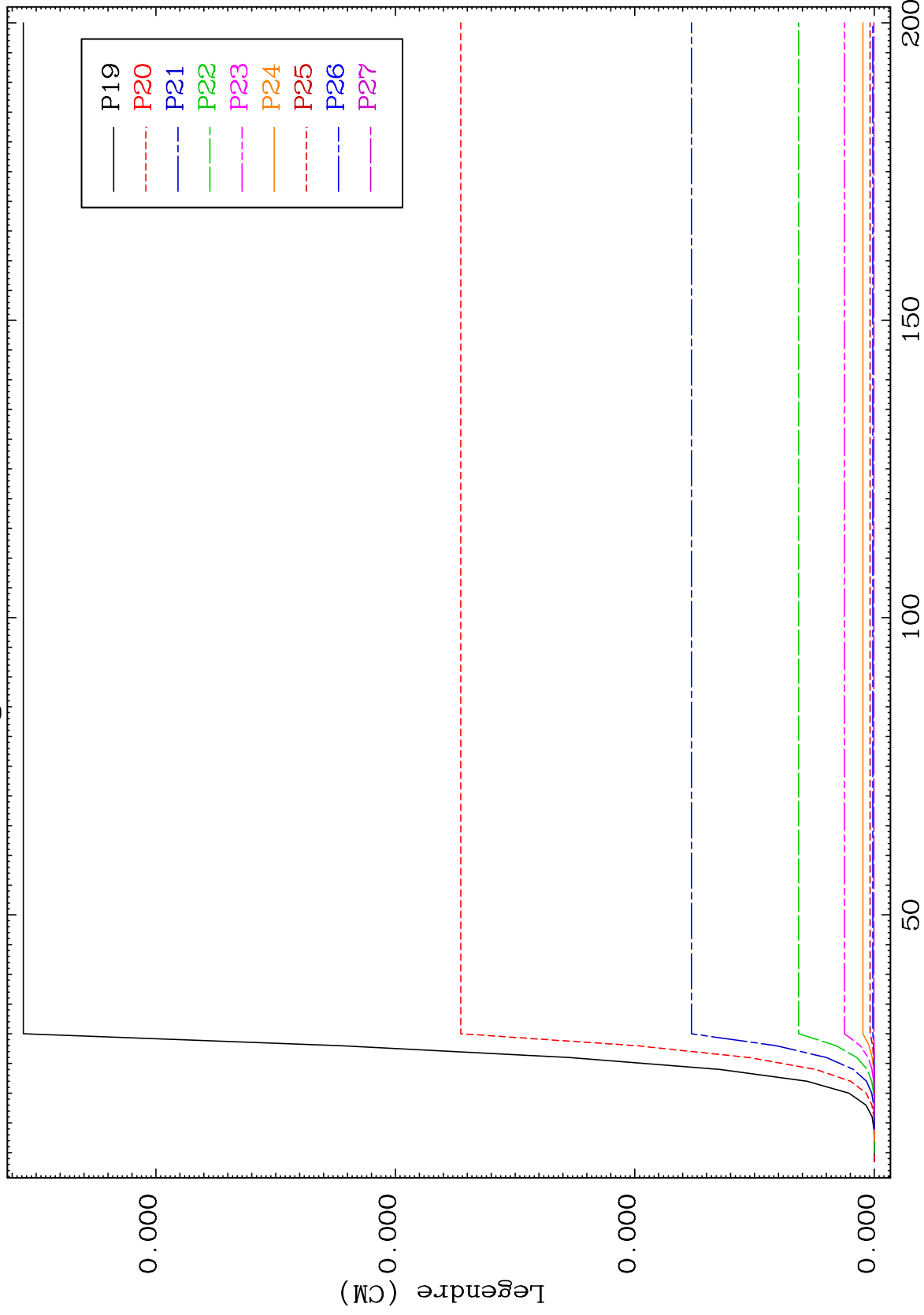
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 77 (n,n') Level
Legendre Coefficients

44-Ru-97



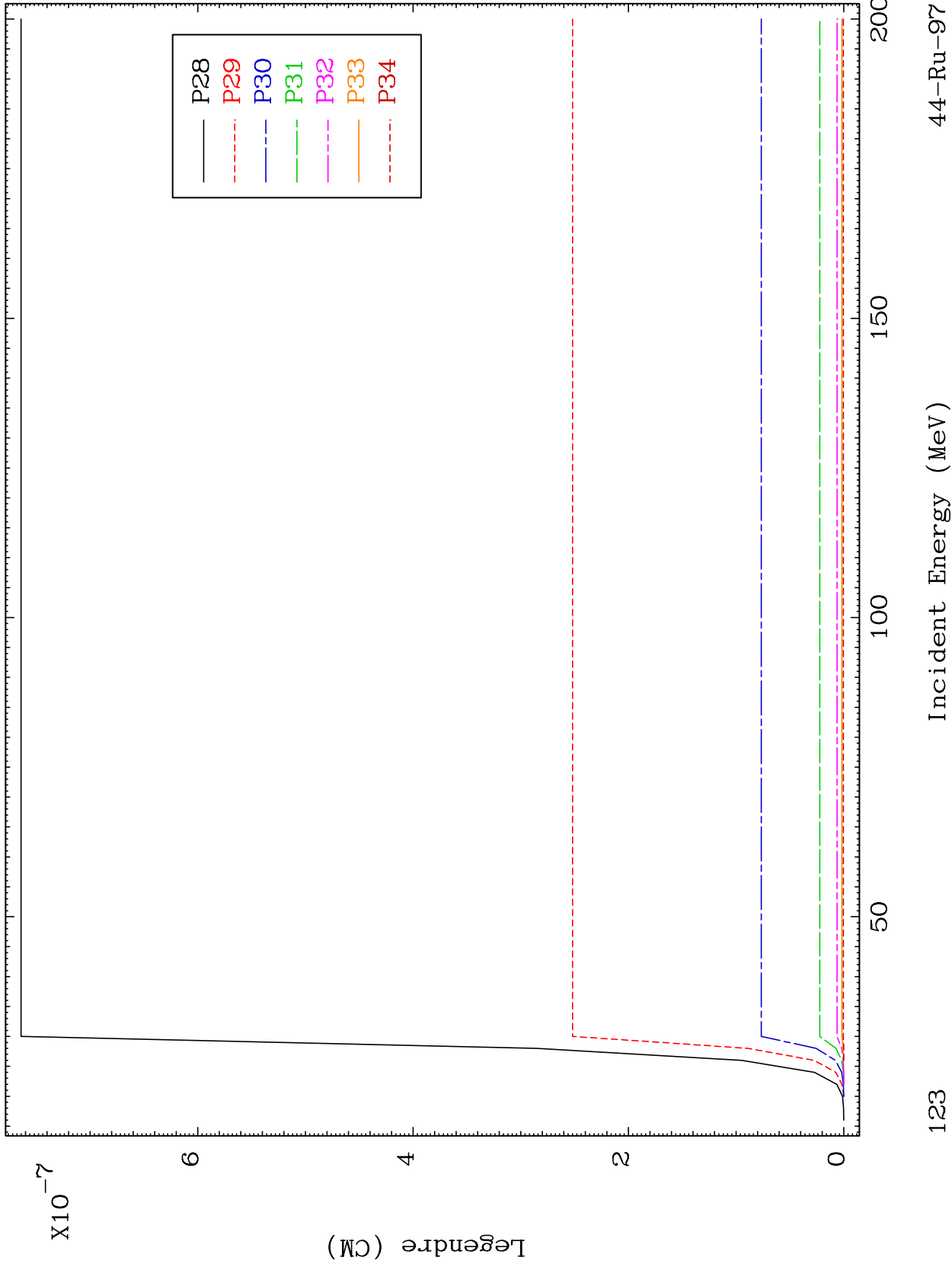
122

44-Ru-97

MAT 4428

MT= 77 (n,n') Level
Legendre Coefficients

44-Ru-97

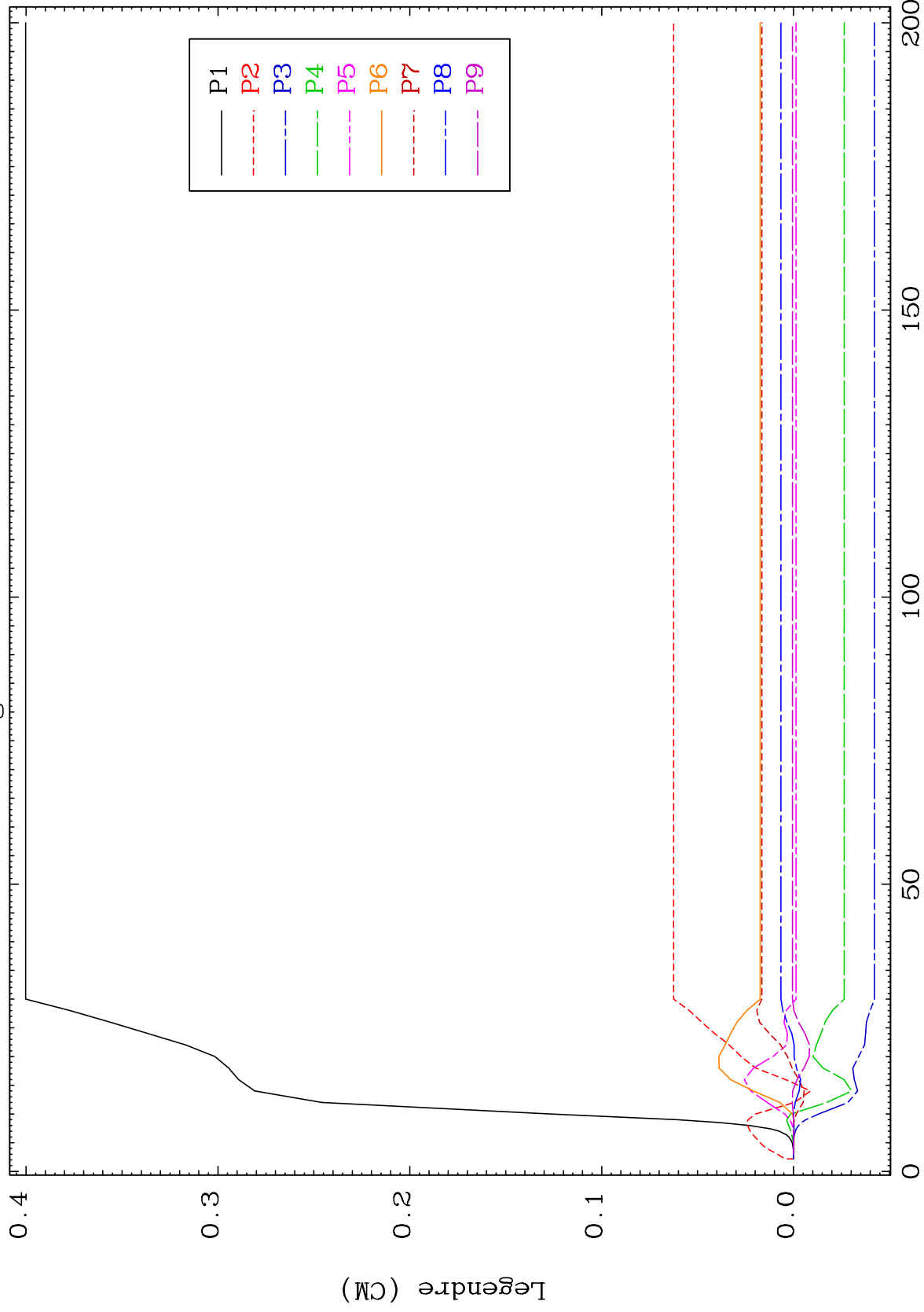


123

MAT 4428

MT= 78 (n,n') Level
Legendre Coefficients

44-Ru-97



124

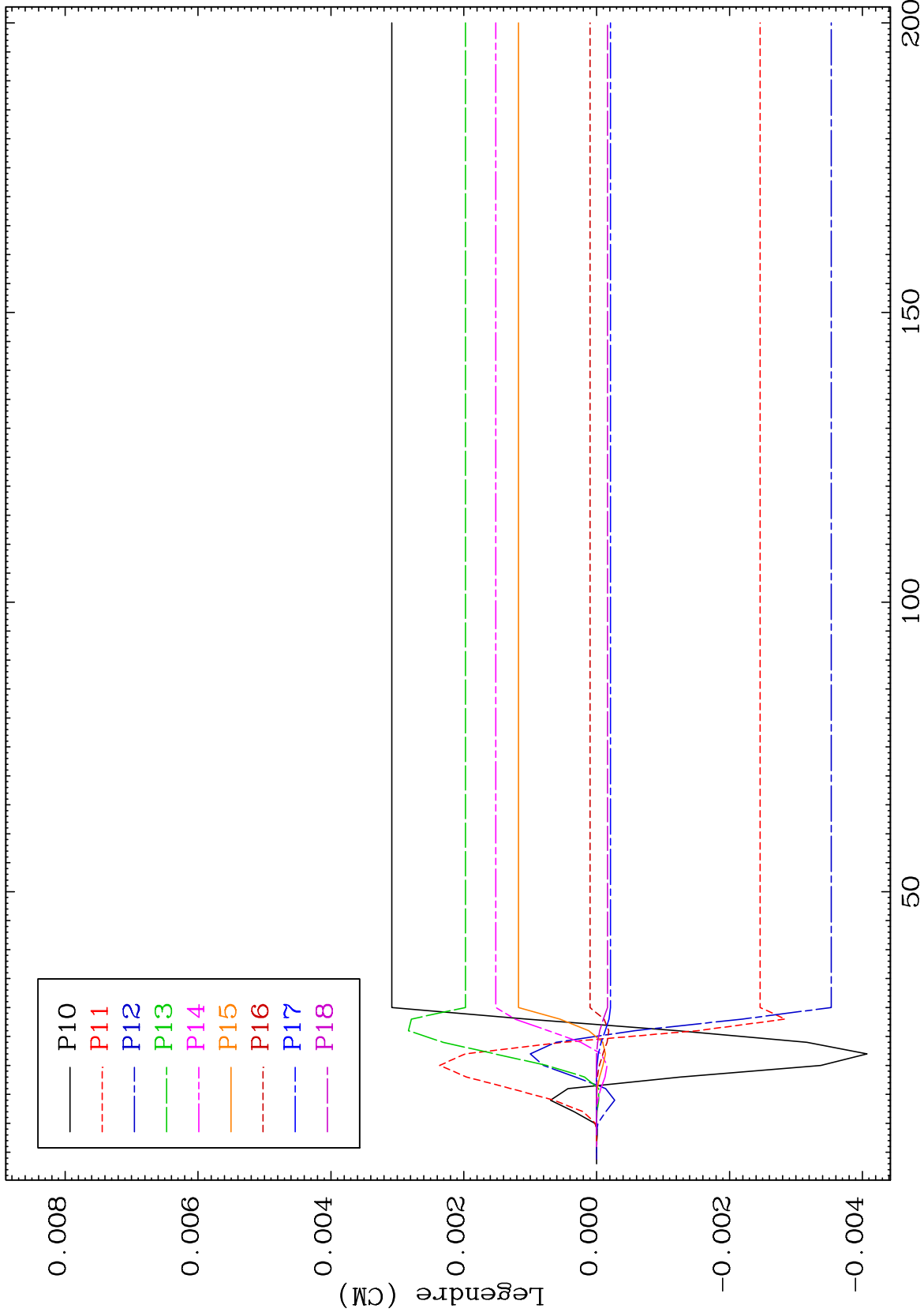
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 78 (n,n') Level
Legendre Coefficients

44-Ru-97



125

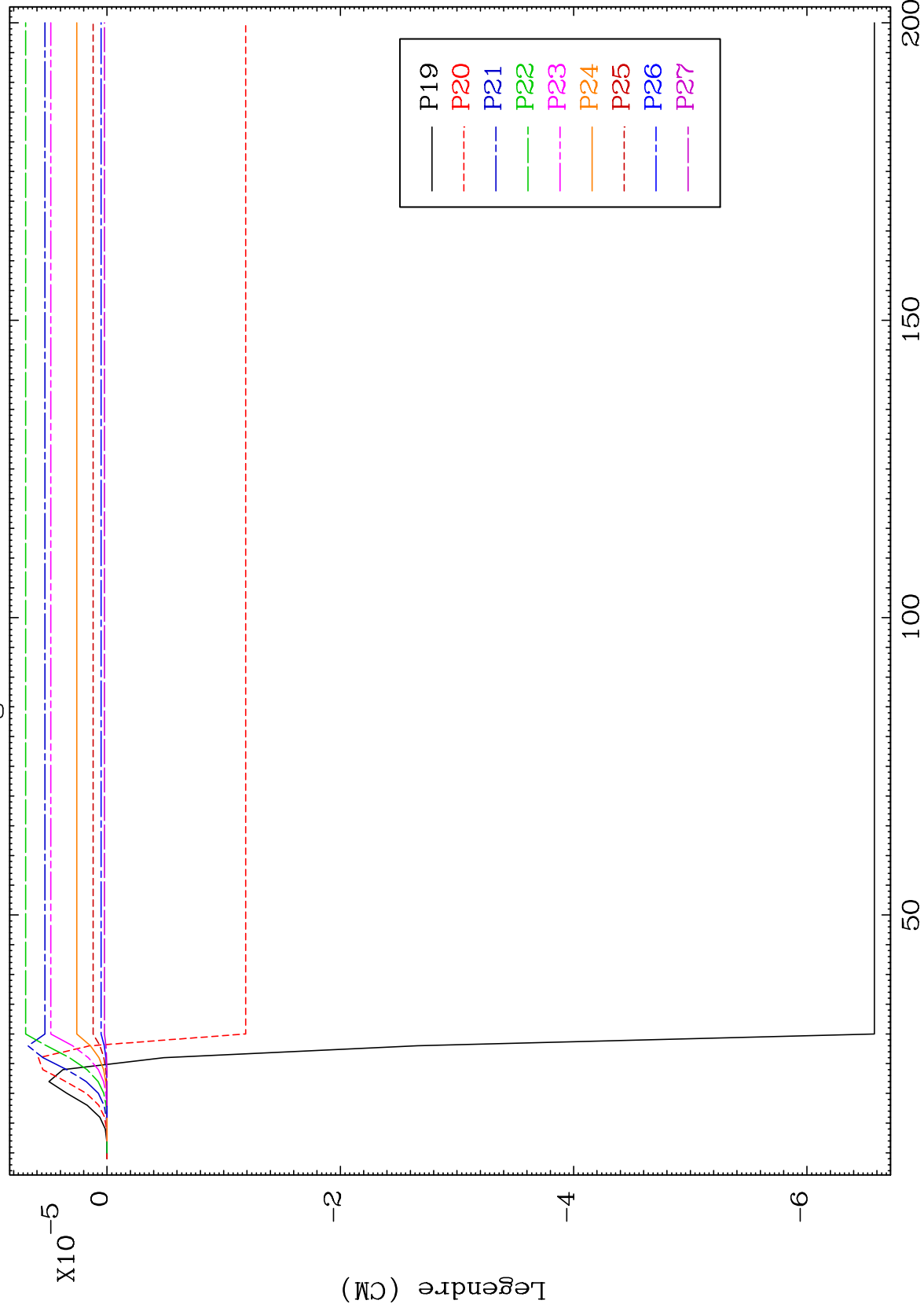
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 78 (n,n') Level
Legendre Coefficients

44-Ru-97



126

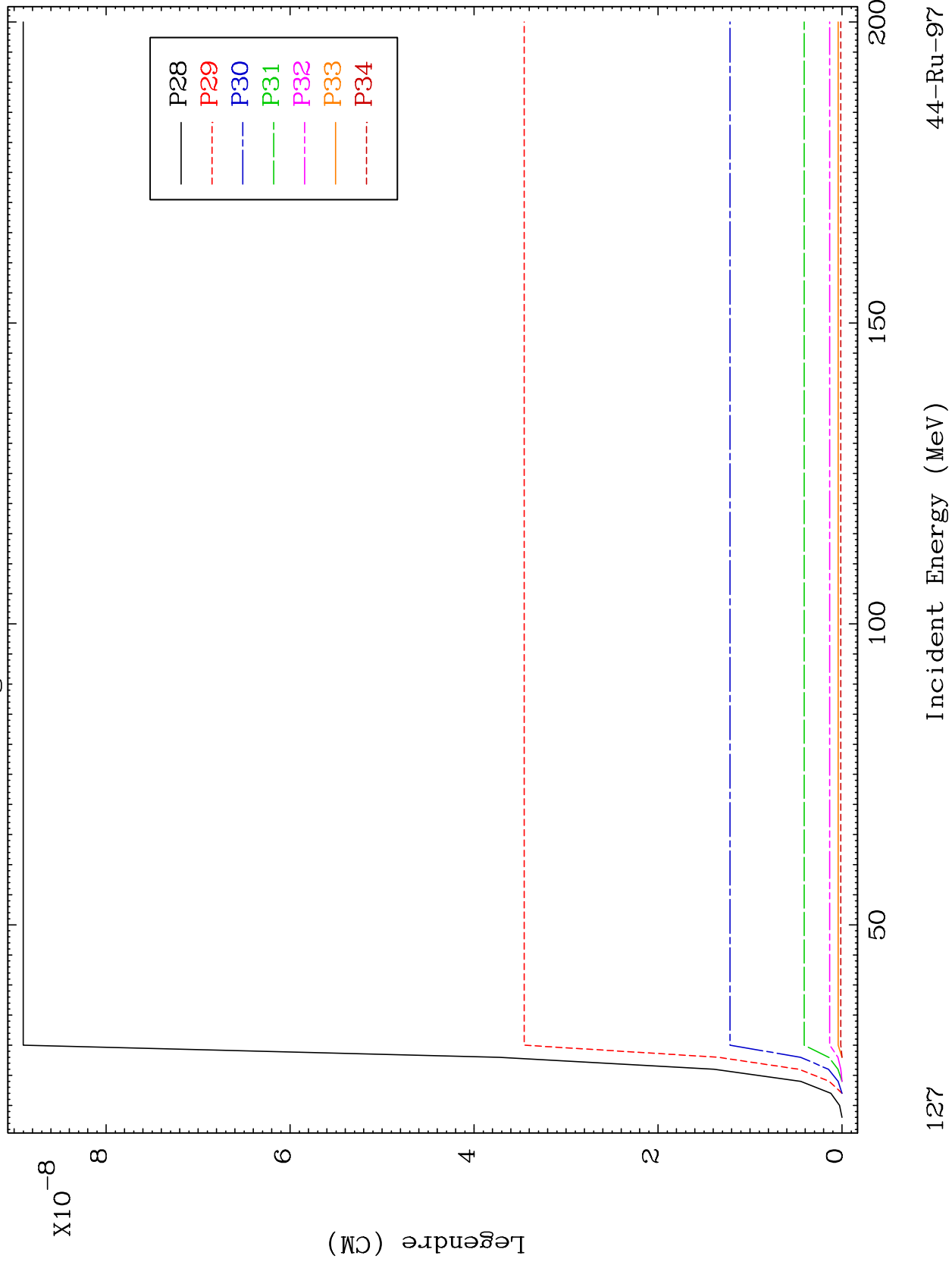
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 78 (n,n') Level
Legendre Coefficients

44-Ru-97



127

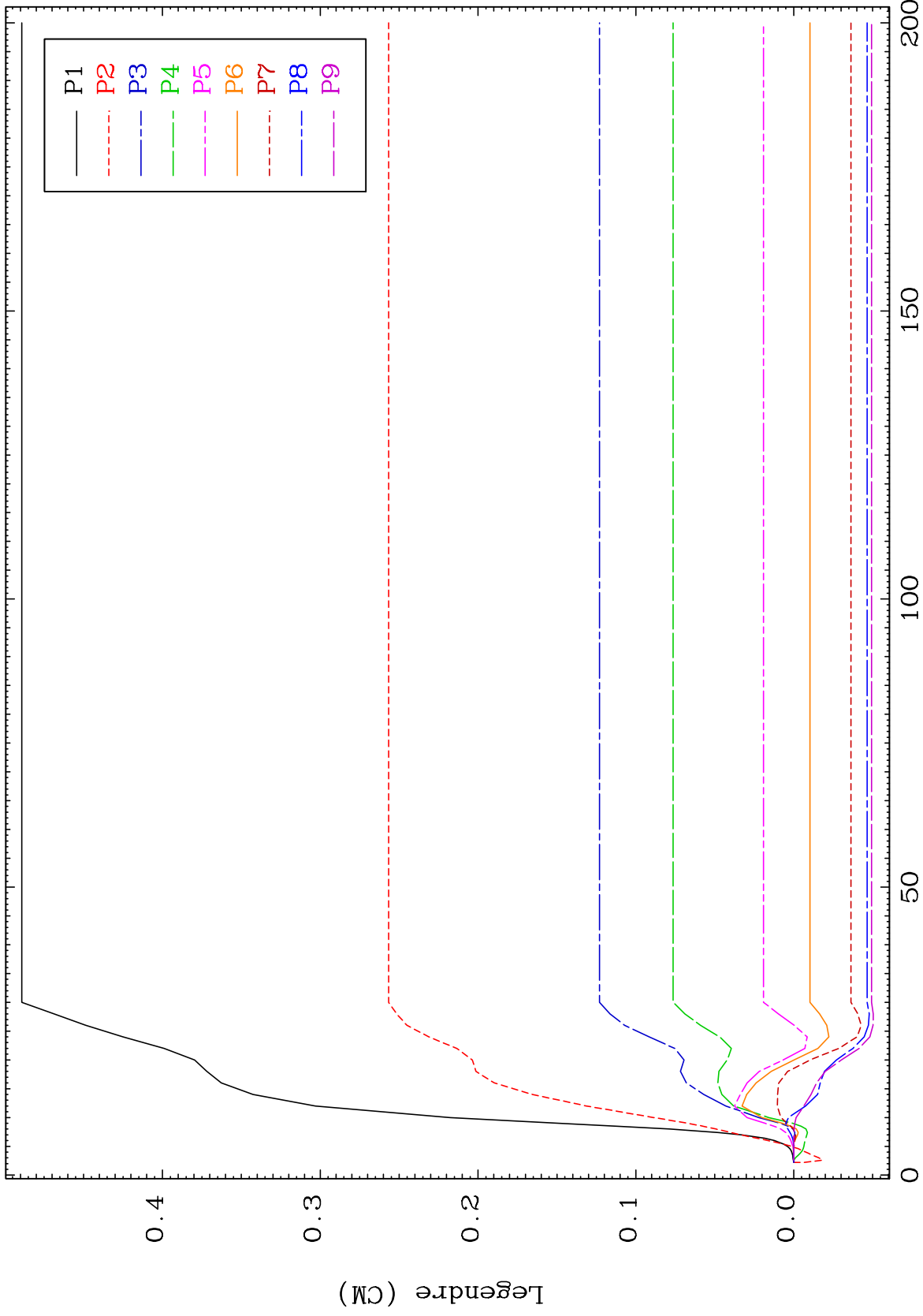
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 79 (n,n') Level
Legendre Coefficients

44-Ru-97



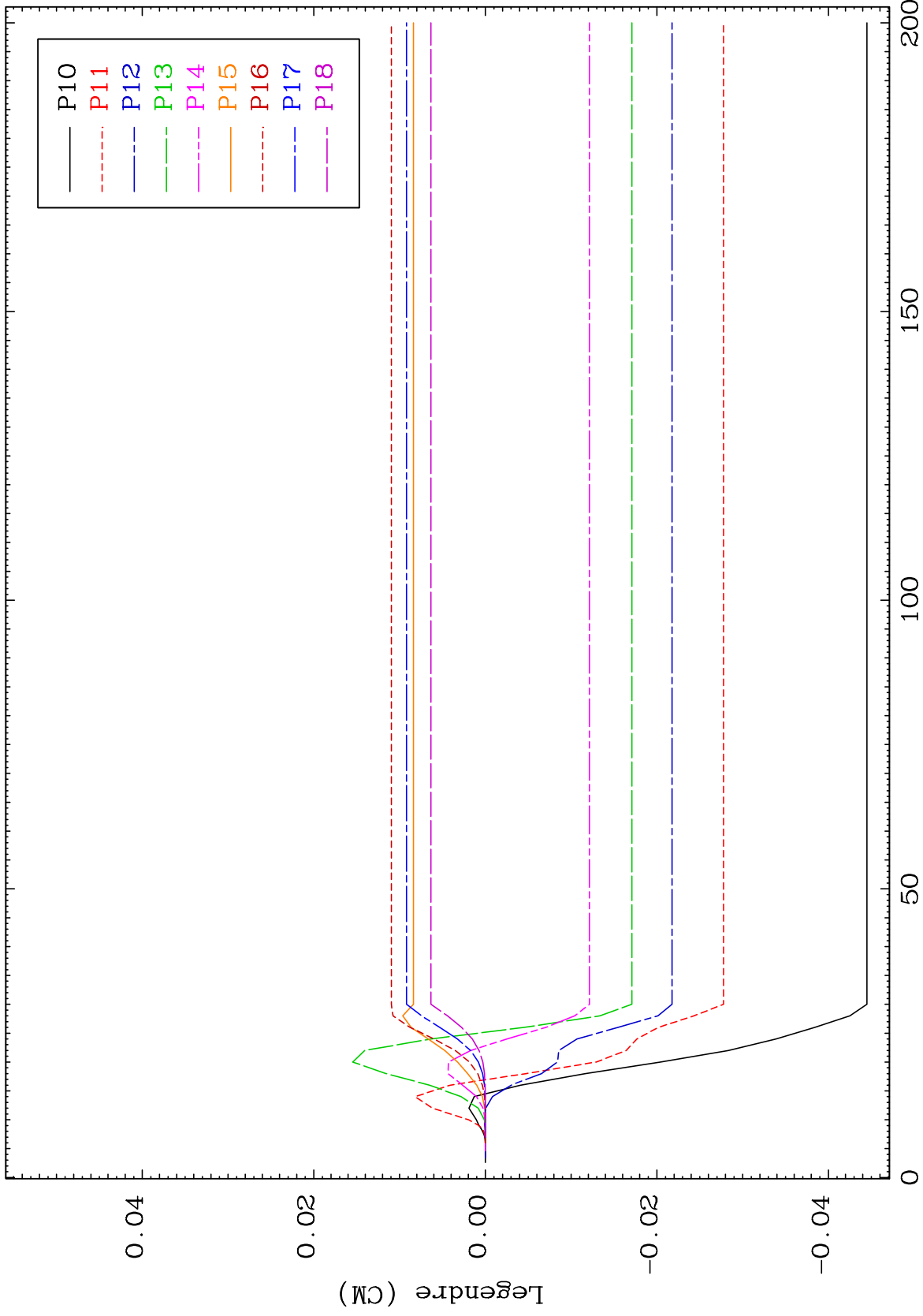
128

44-Ru-97

MAT 4428

MT= 79 (n,n') Level Legendre Coefficients

44-Ru-97



129

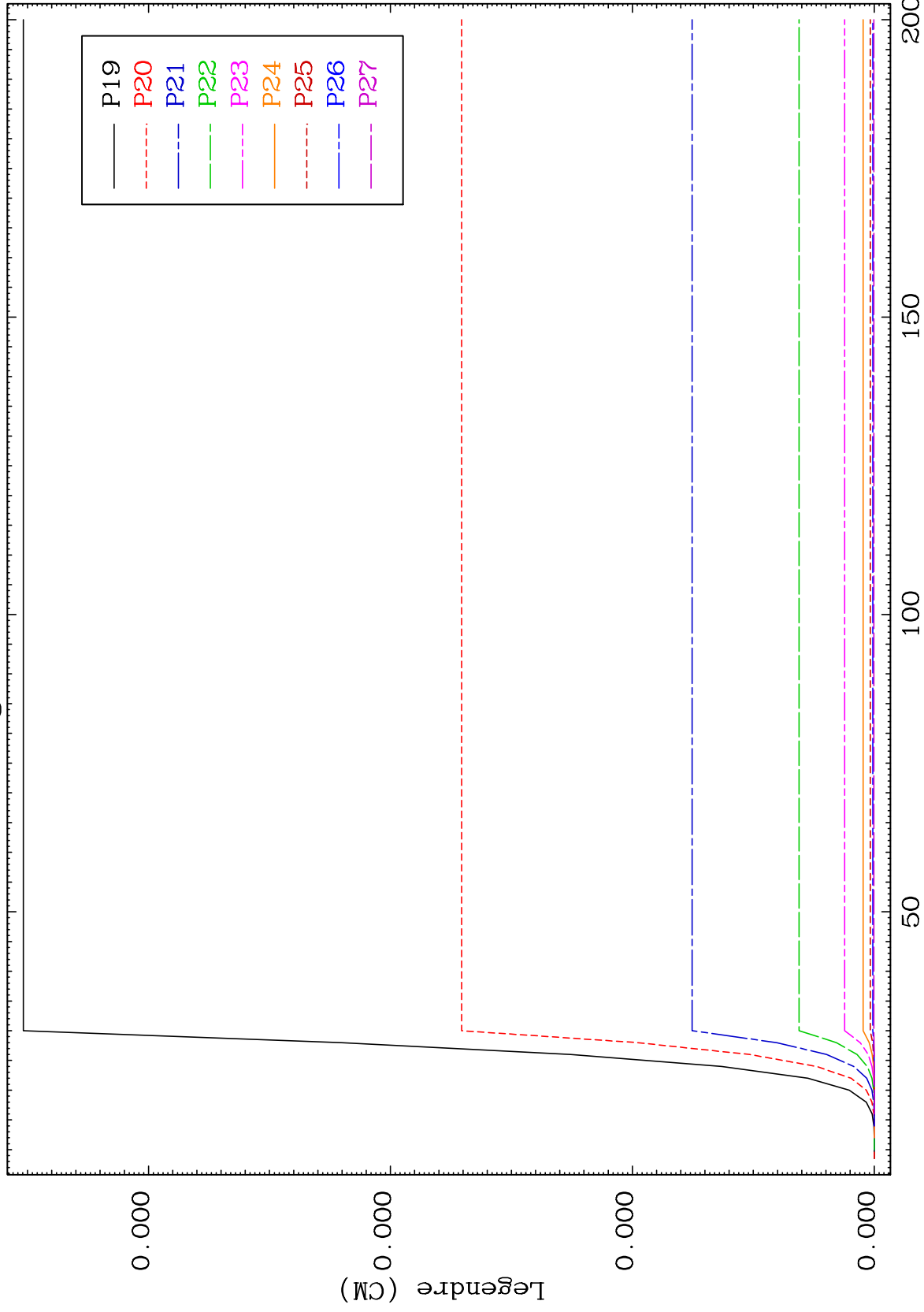
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 79 (n,n') Level
Legendre Coefficients

44-Ru-97



130

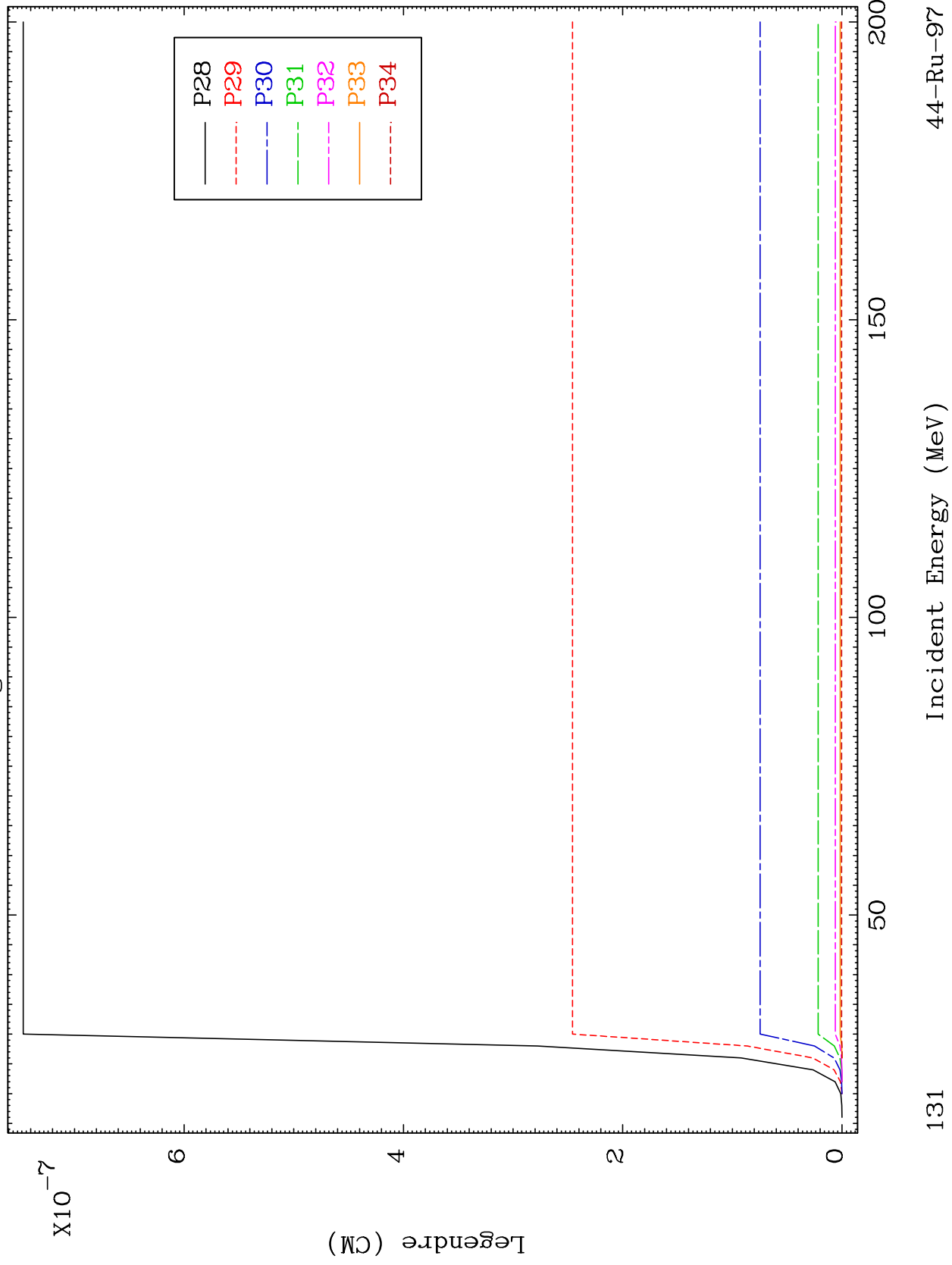
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 79 (n,n') Level
Legendre Coefficients

44-Ru-97



131

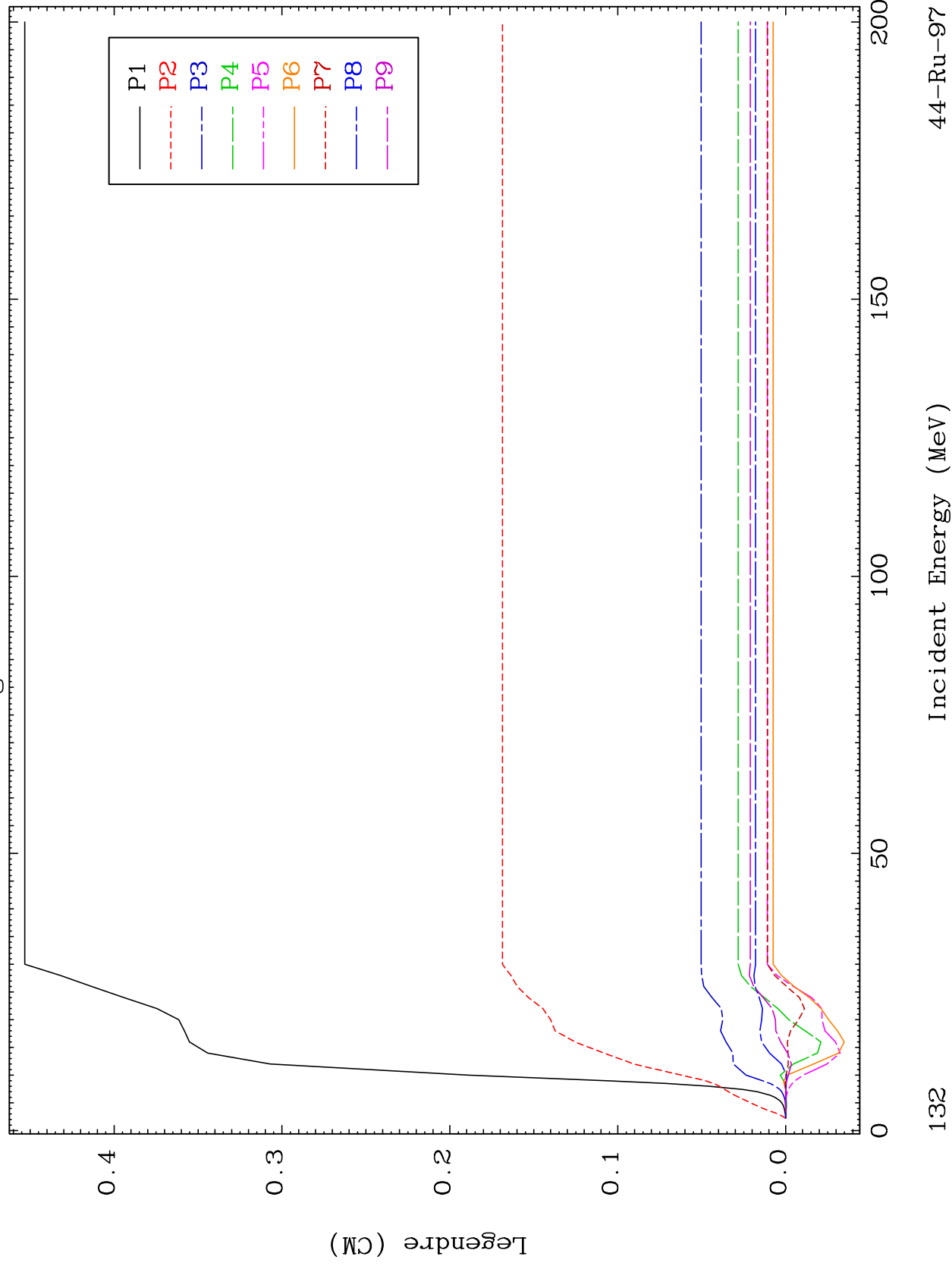
Incident Energy (MeV)

44-Ru-97

MAT 4428

MT= 80 (n,n') Level
Legendre Coefficients

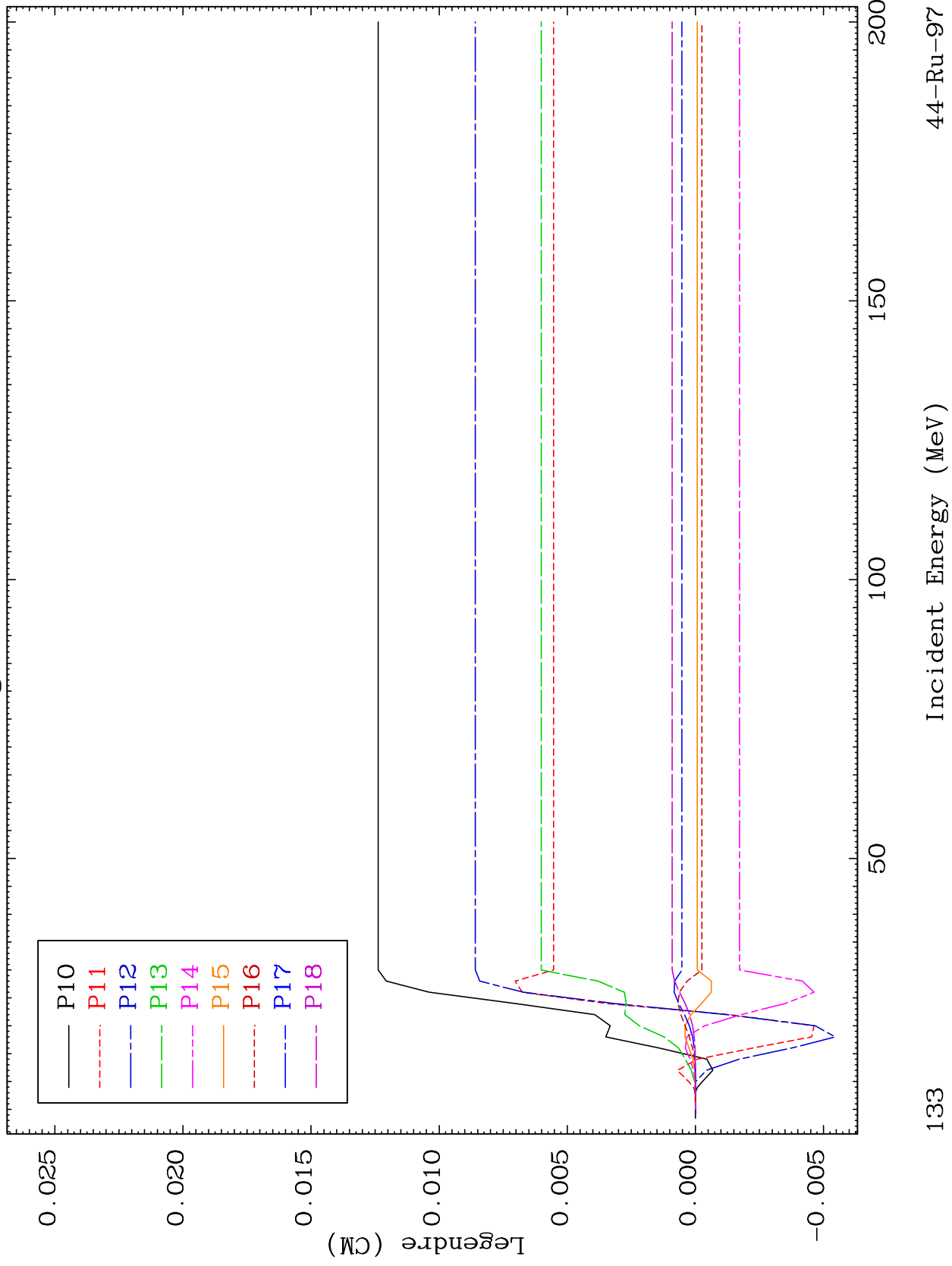
44-Ru-97



MAT 4428

MT= 80 (n,n') Level
Legendre Coefficients

44-Ru-97

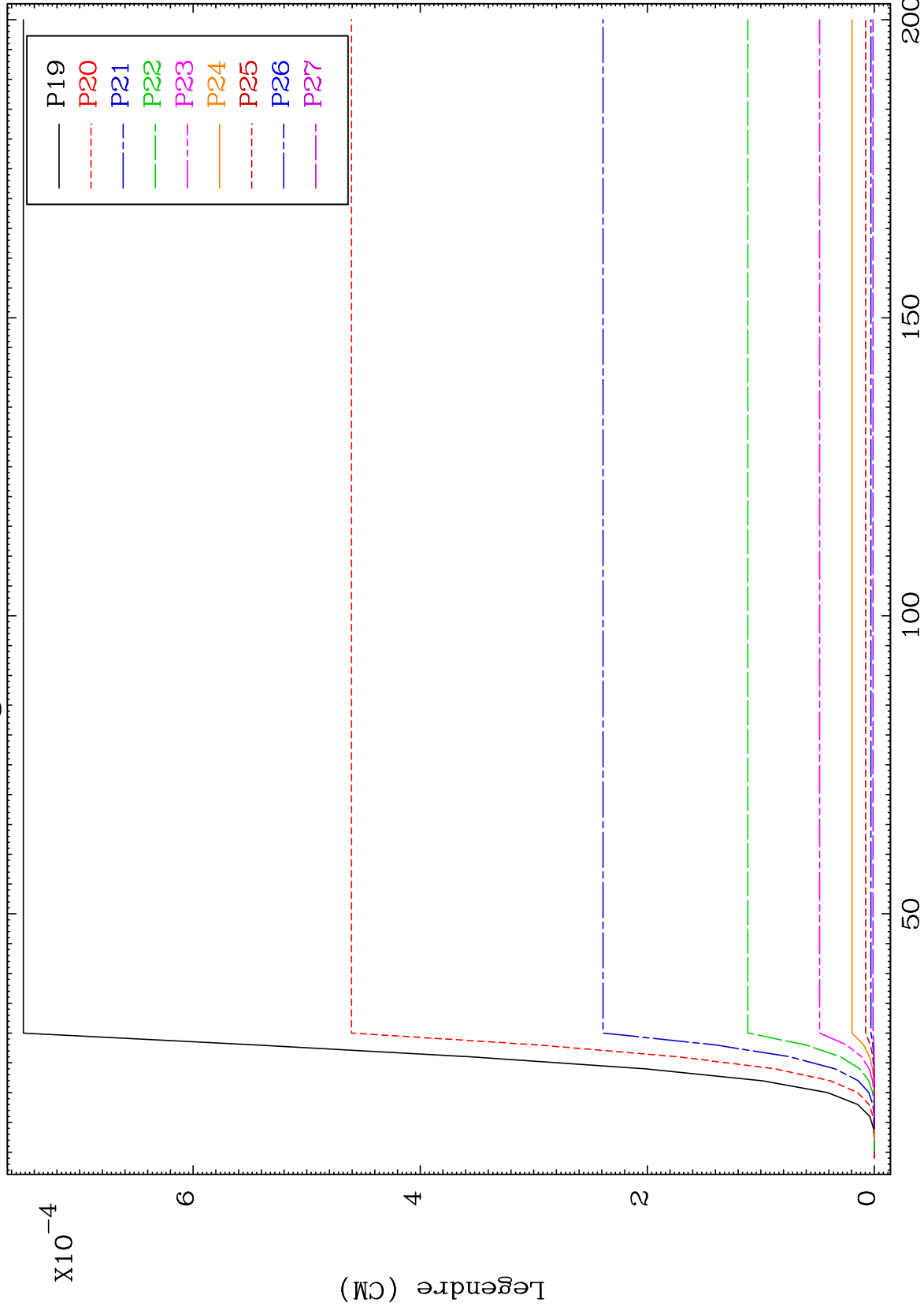


133

MAT 4428

MT= 80 (n,n') Level
Legendre Coefficients

44-Ru-97



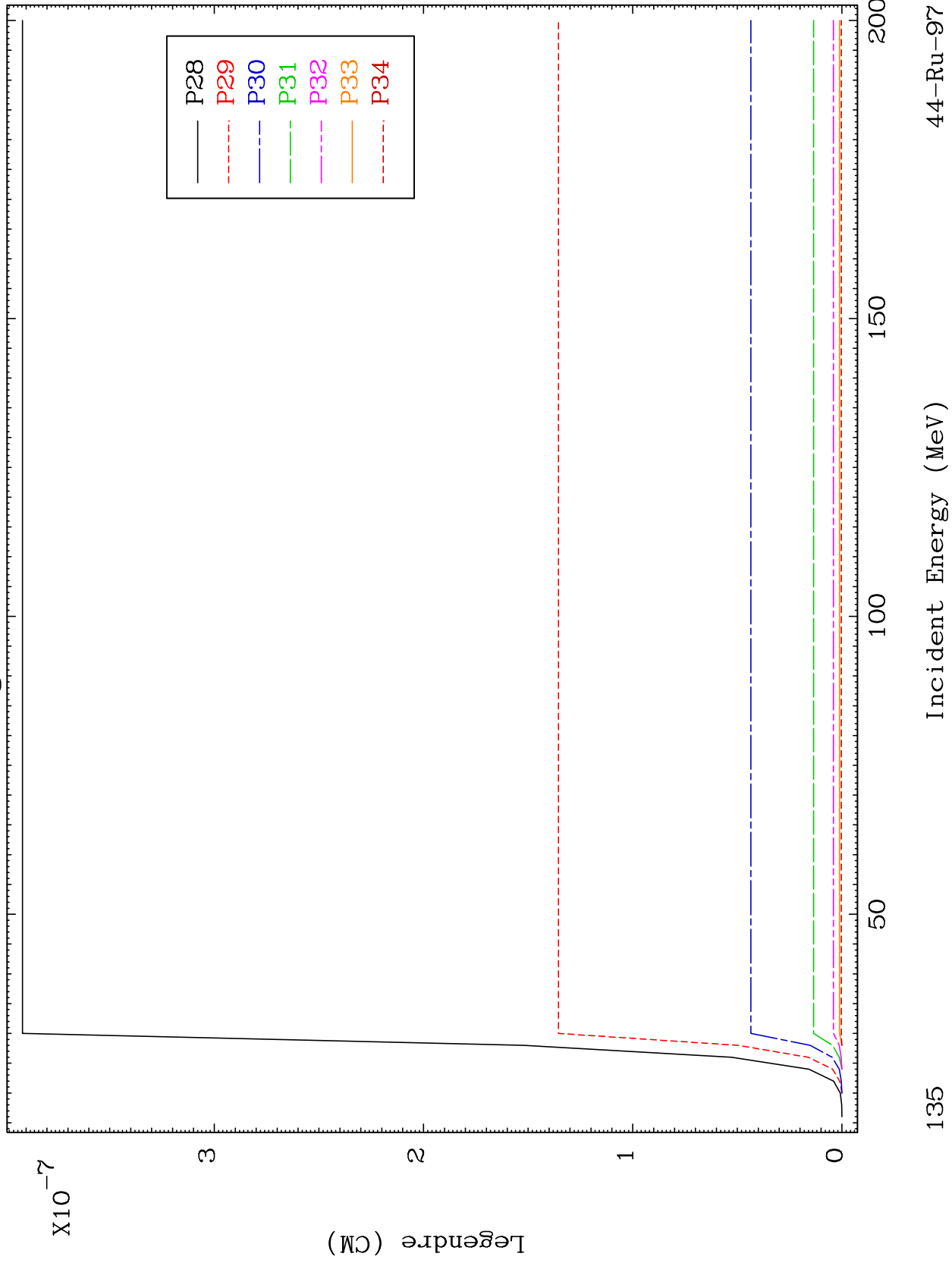
134

44-Ru-97

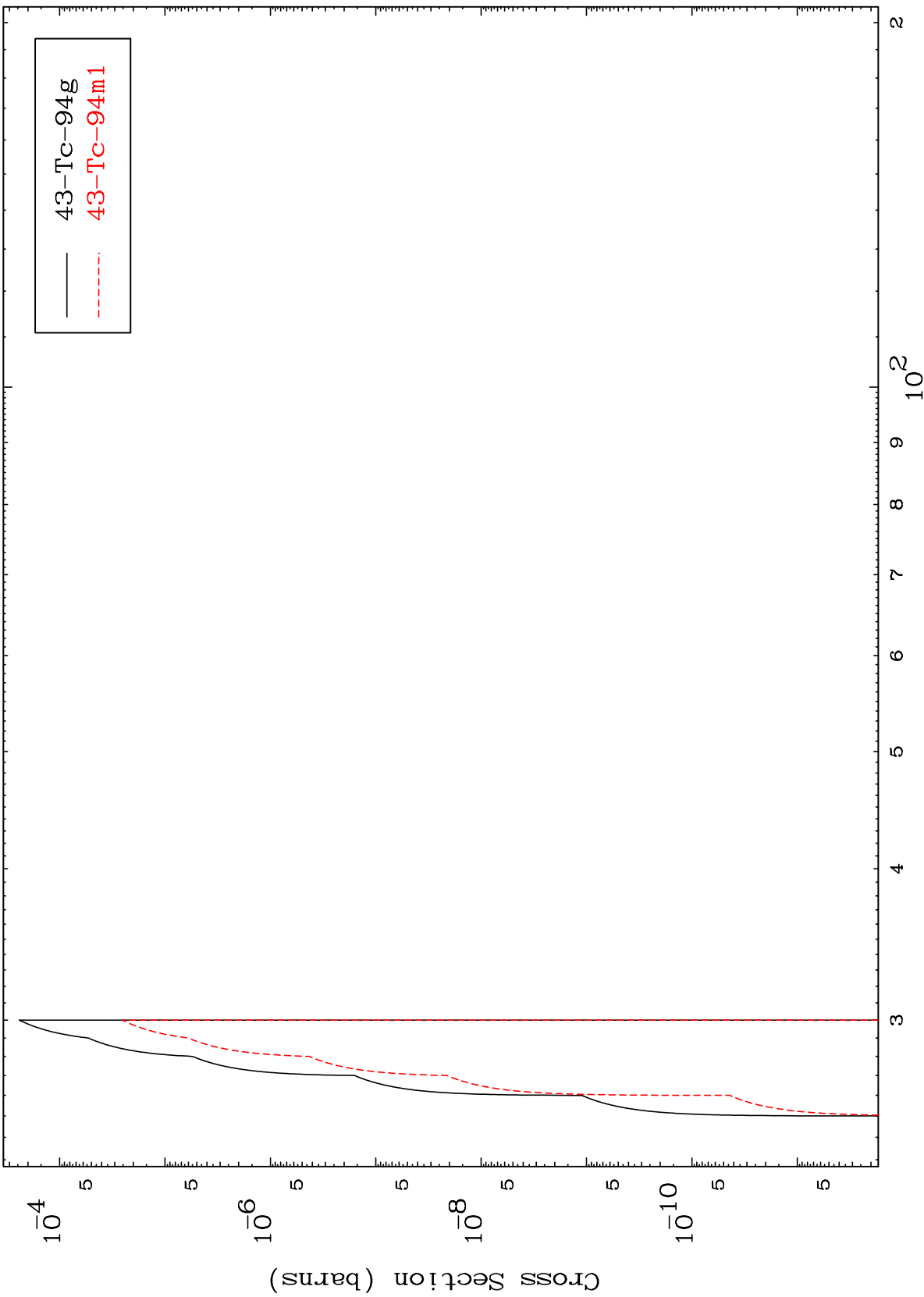
MAT 4428

MT= 80 (n,n') Level
Legendre Coefficients

44-Ru-97



Radionuclide Production Cross Section



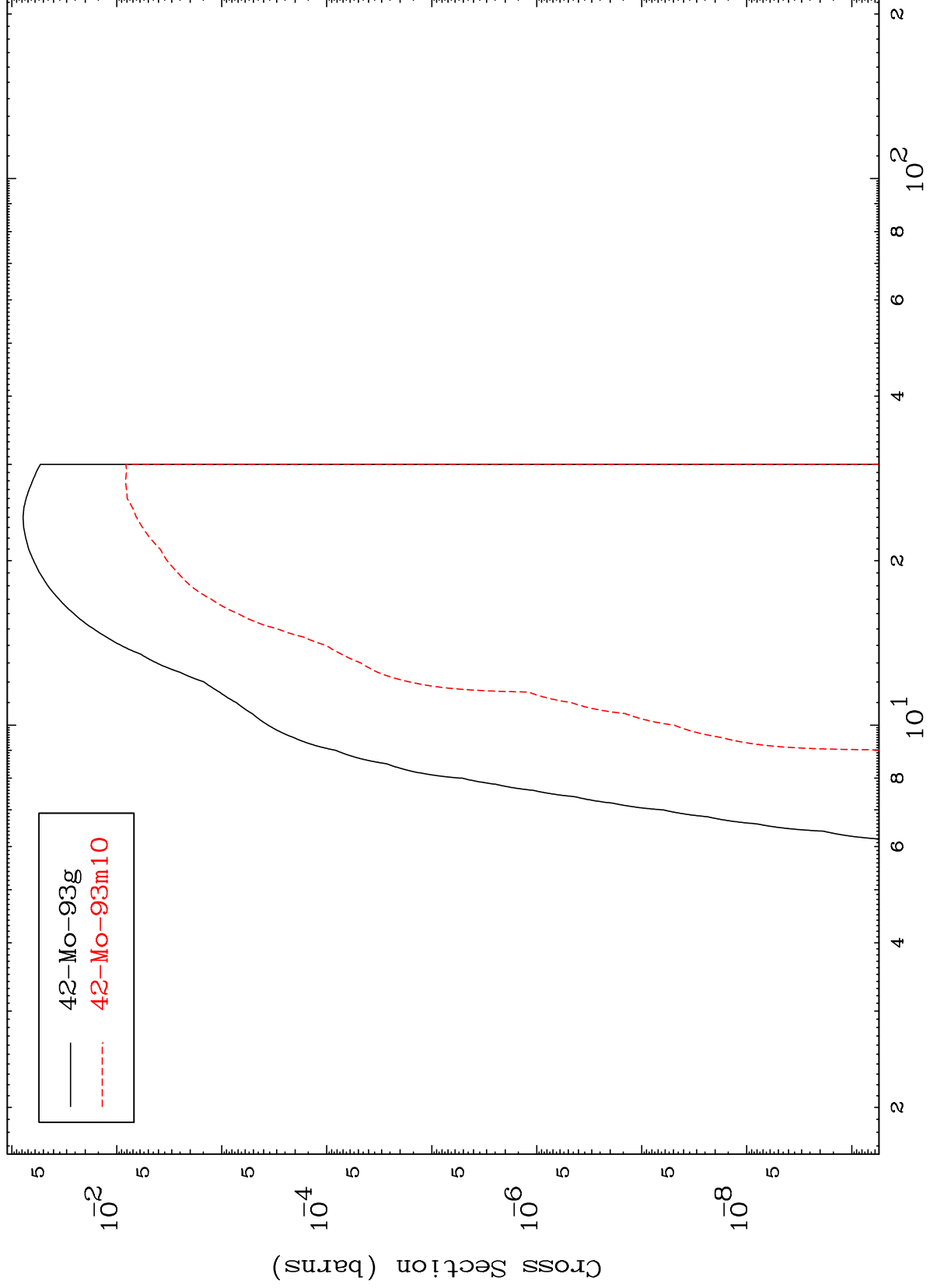
43-Tc-94g
43-Tc-94m1

MAT 4428

(n,n') α

44-Ru-97

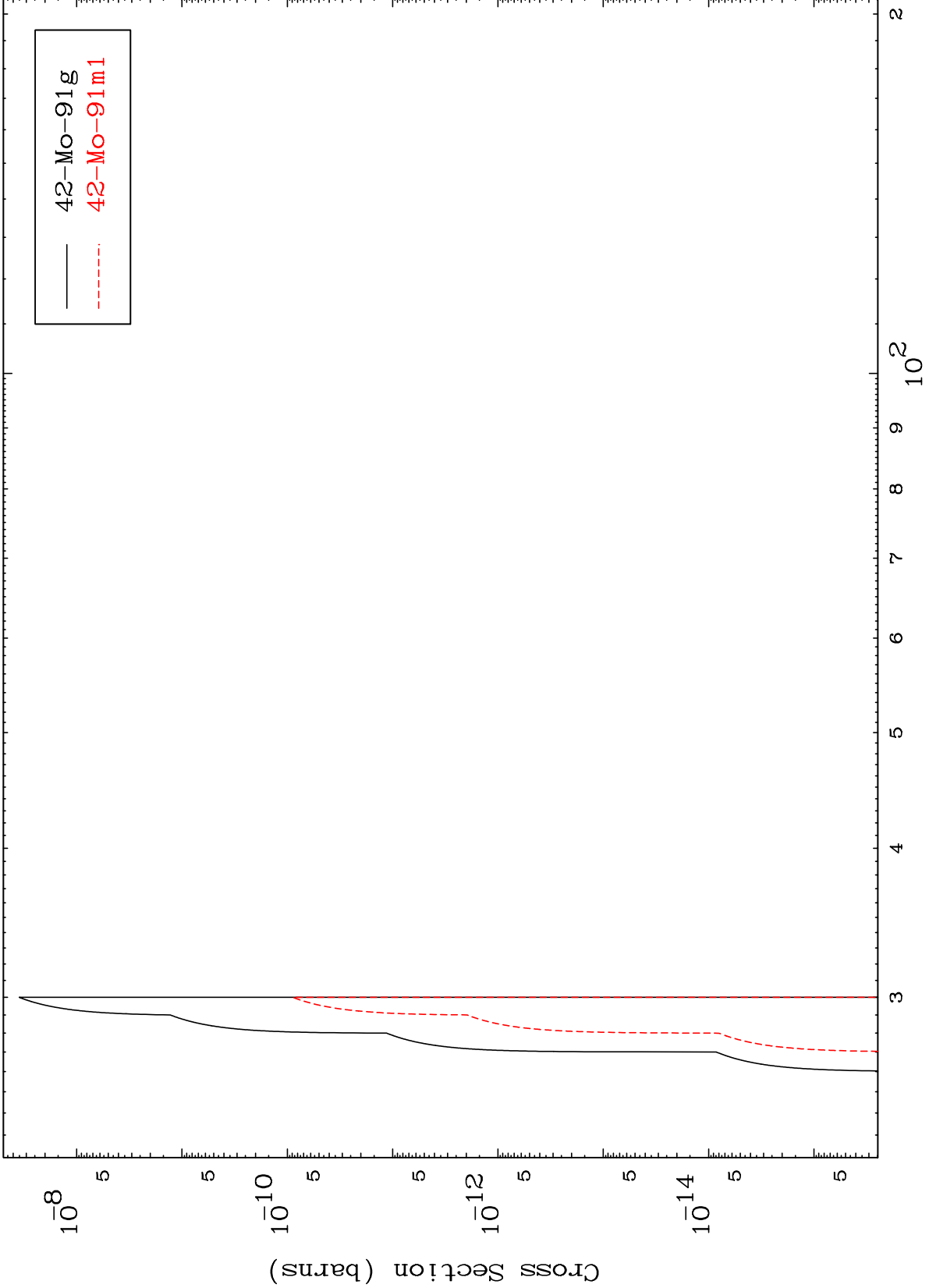
Radionuclide Production Cross Section



137

44-Ru-97

Radionuclide Production Cross Section

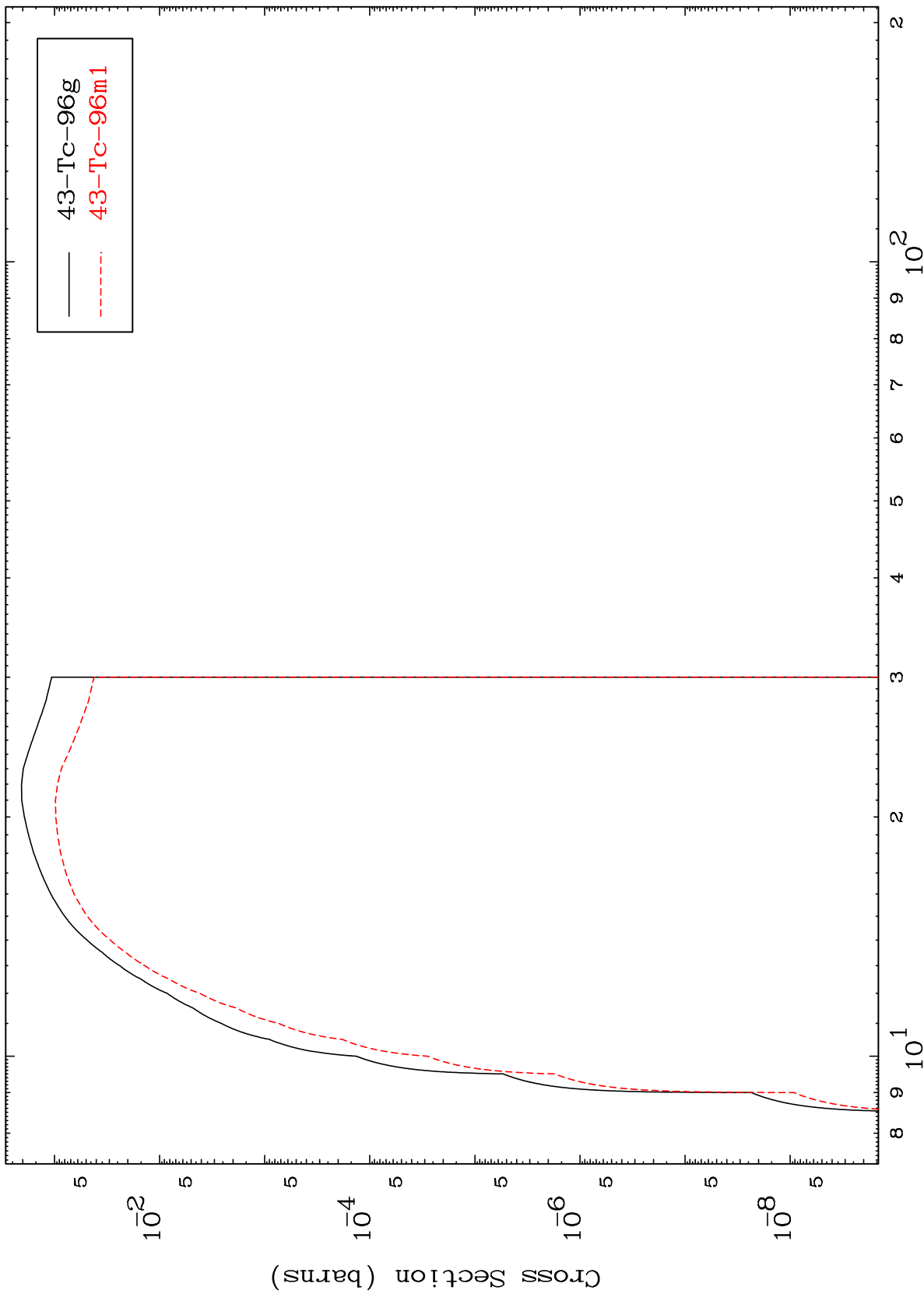


MAT 4428

(n,n') p

44-Ru-97

Radionuclide Production Cross Section



139

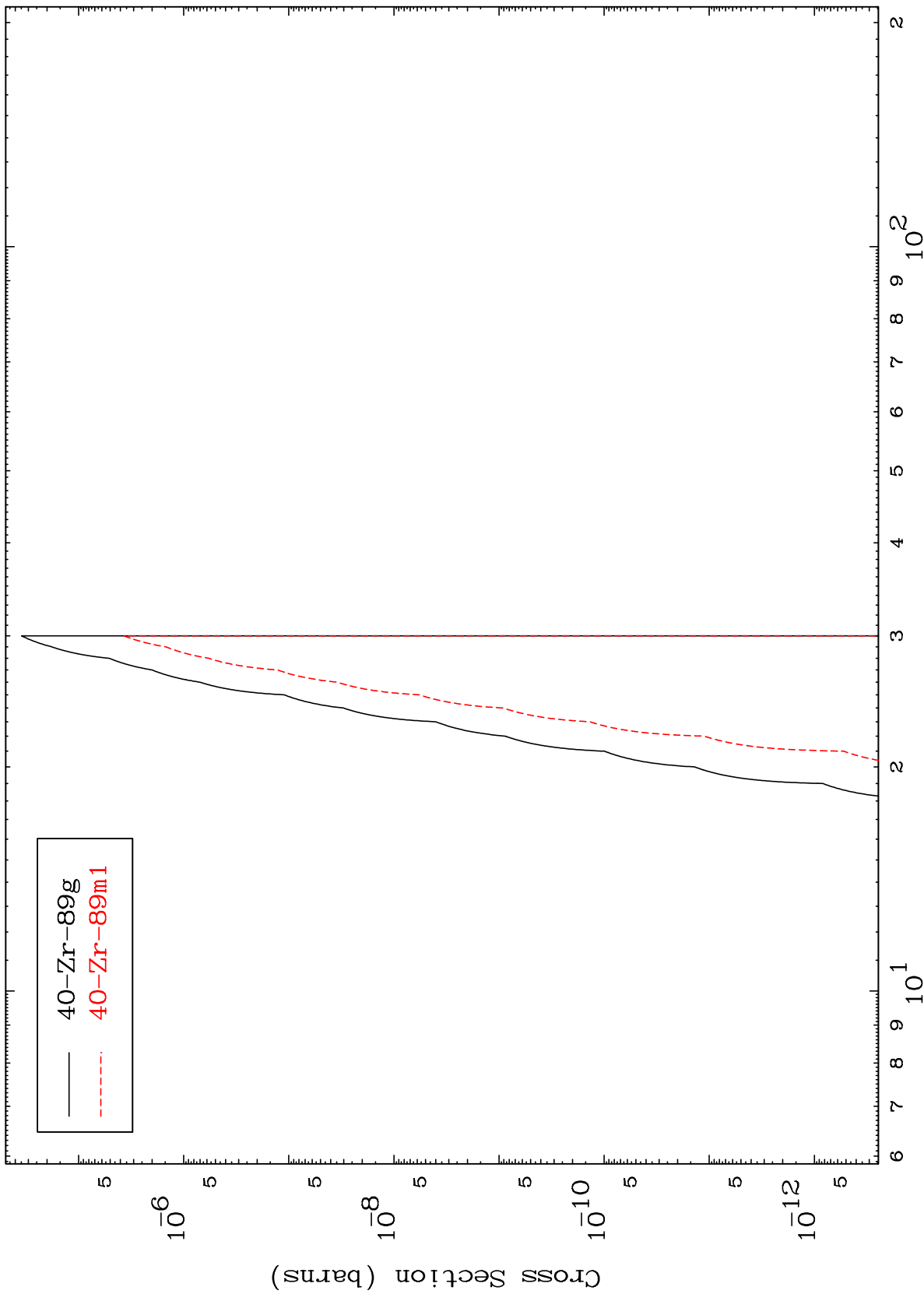
Incident Energy (MeV)

44-Ru-97

MAT 4428

44-Ru-97

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



44-Ru-97

Incident Energy (MeV)

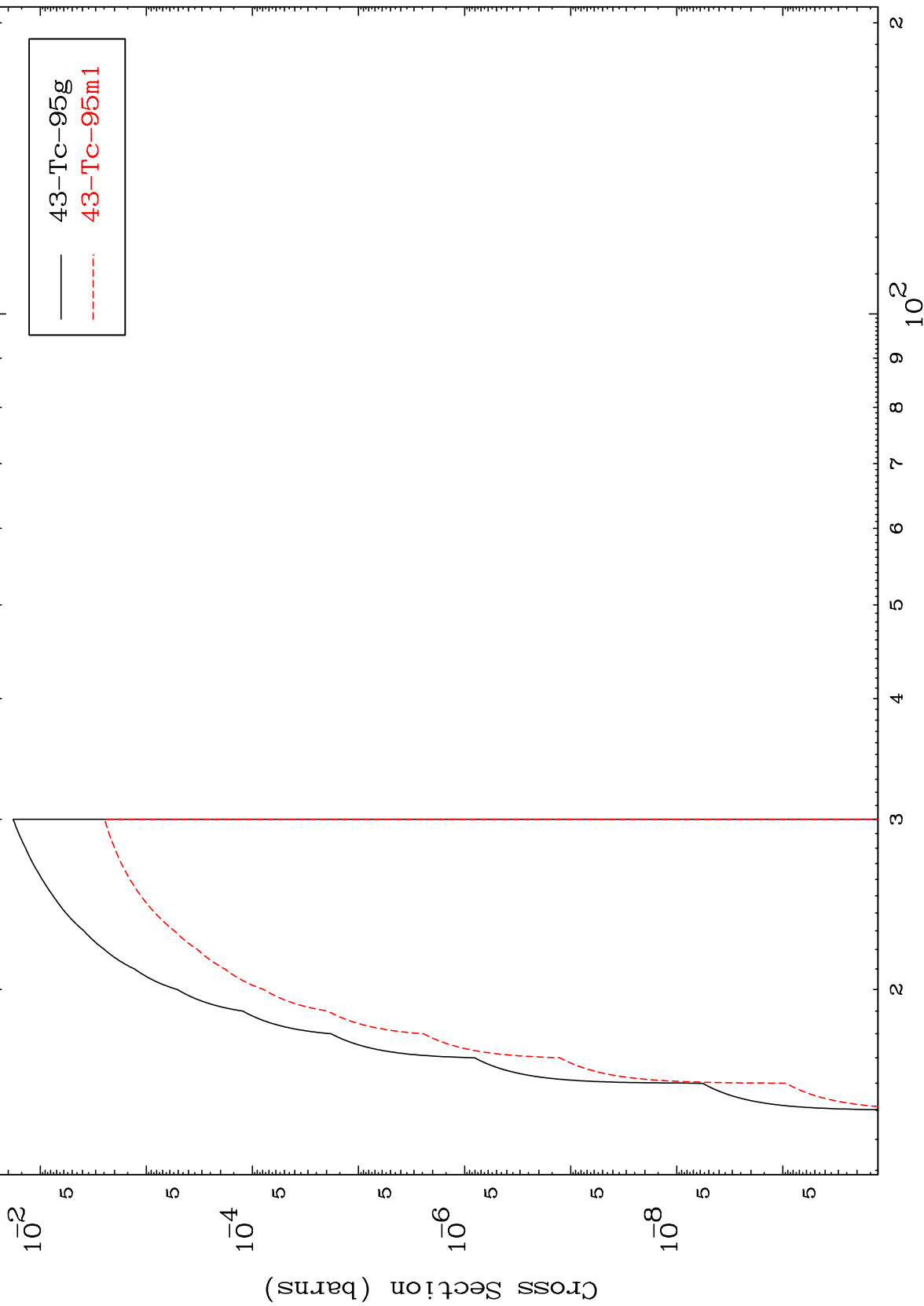
140

MAT 4428

(n,n') d

44-Ru-97

Radionuclide Production Cross Section

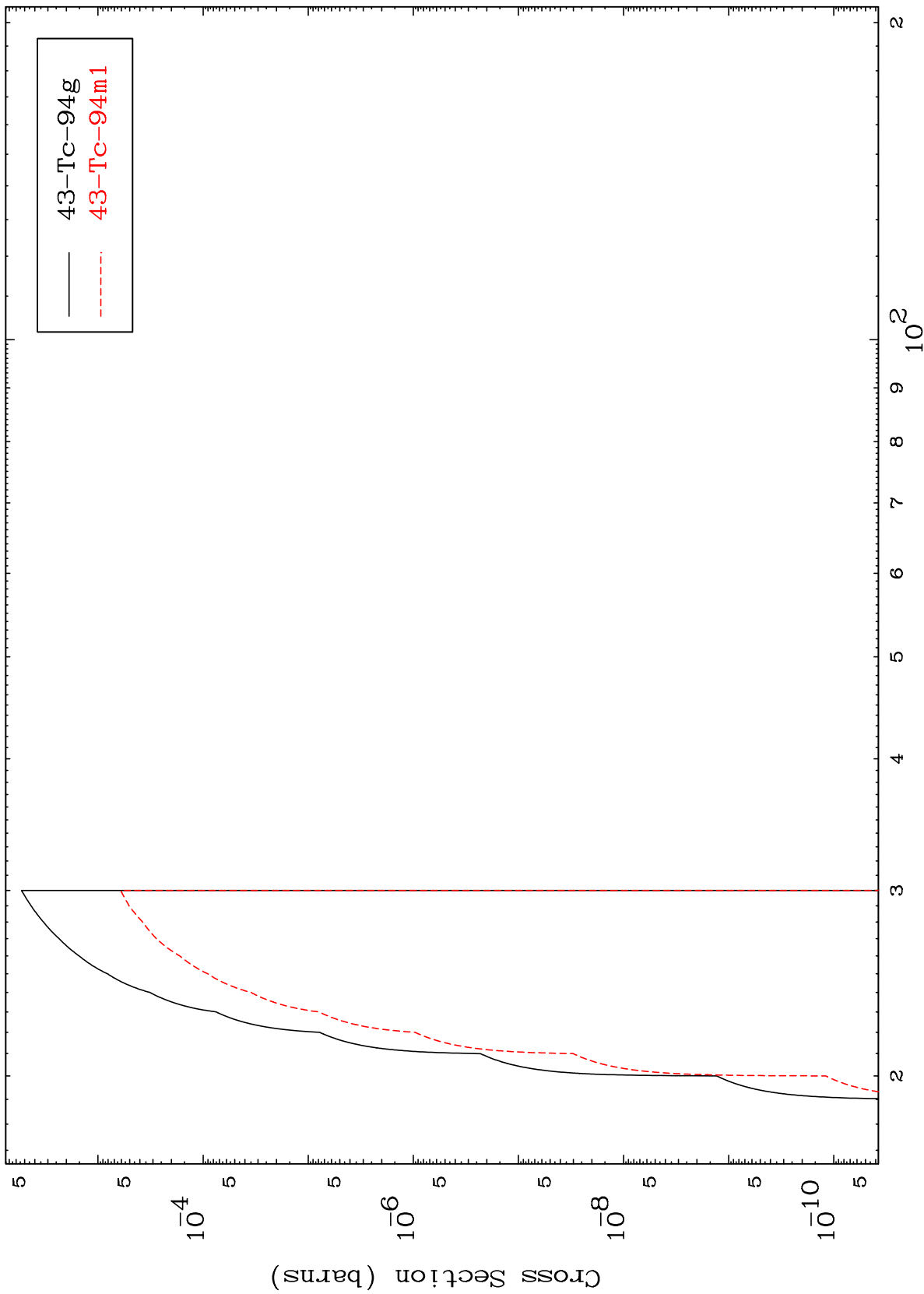


141

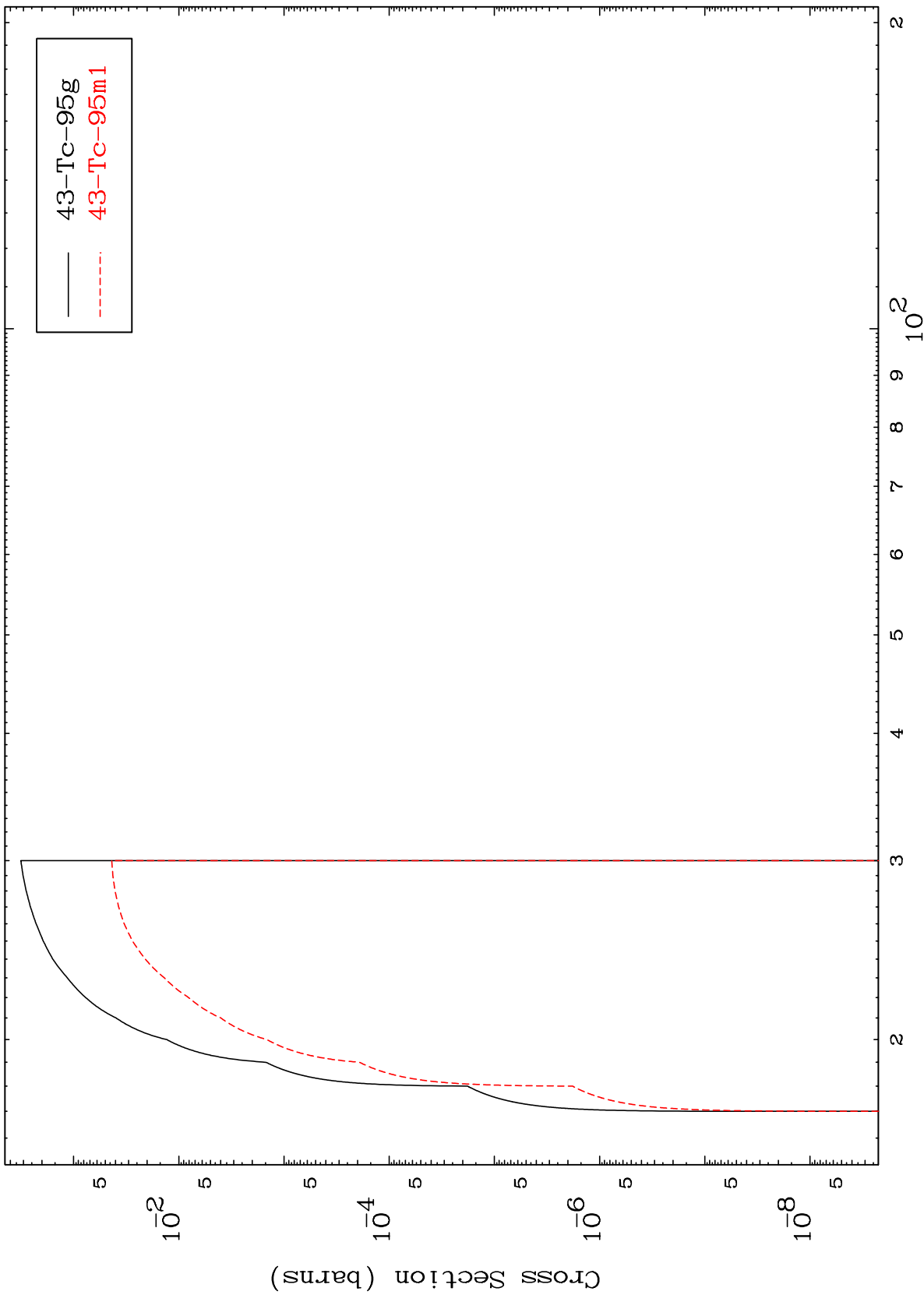
Incident Energy (MeV)

44-Ru-97

Radionuclide Production Cross Section



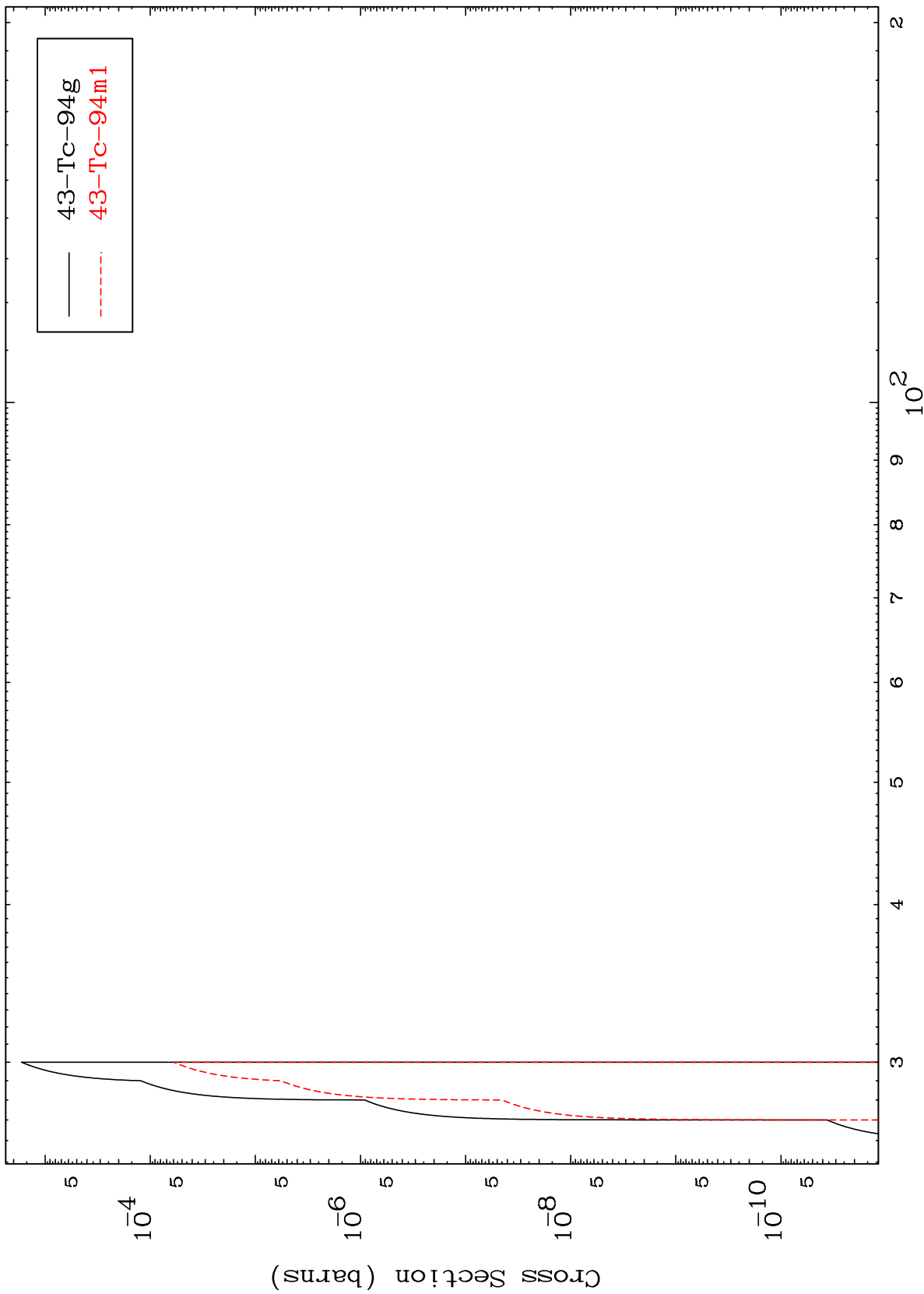
Radionuclide Production Cross Section



MAT 4428

44-Ru-97

(n,3n) p
Radionuclide Production Cross Section



44-Ru-97

Incident Energy (MeV)

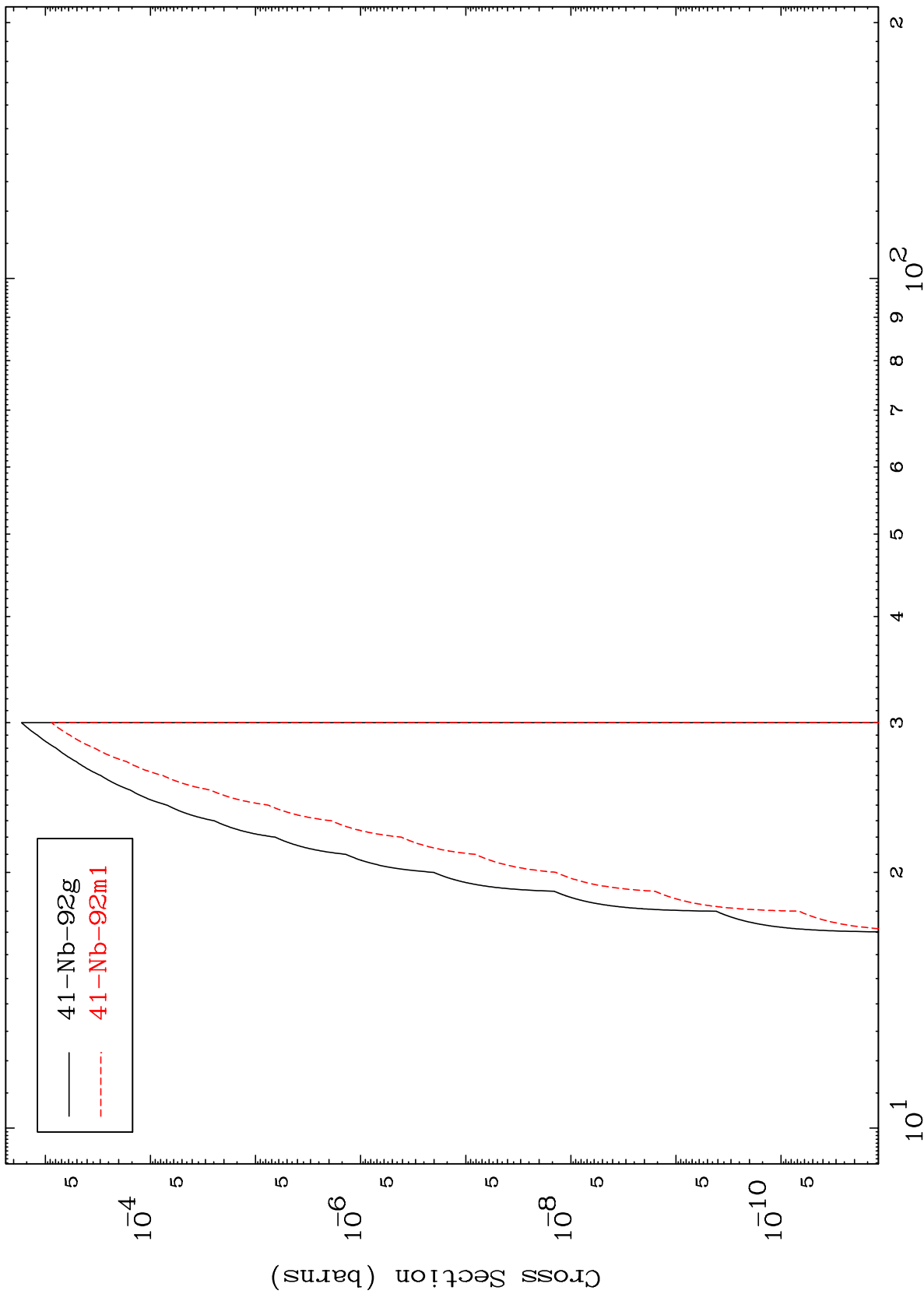
144

MAT 4428

(n,n') p α

44-Ru-97

Radionuclide Production Cross Section



Incident Energy (MeV)

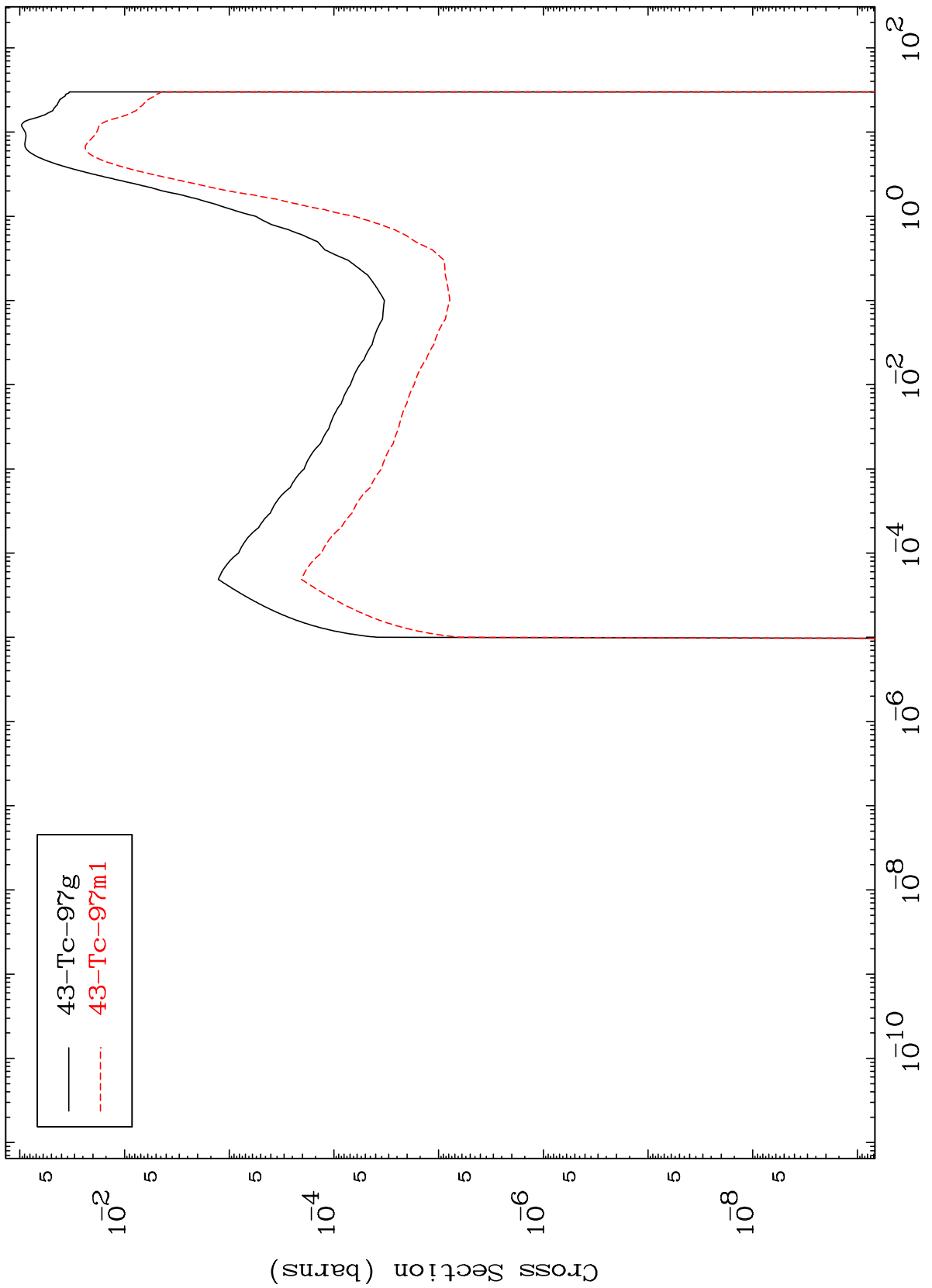
44-Ru-97

145

MAT 4428

44-Ru-97

(n,p)
Radionuclide Production Cross Section



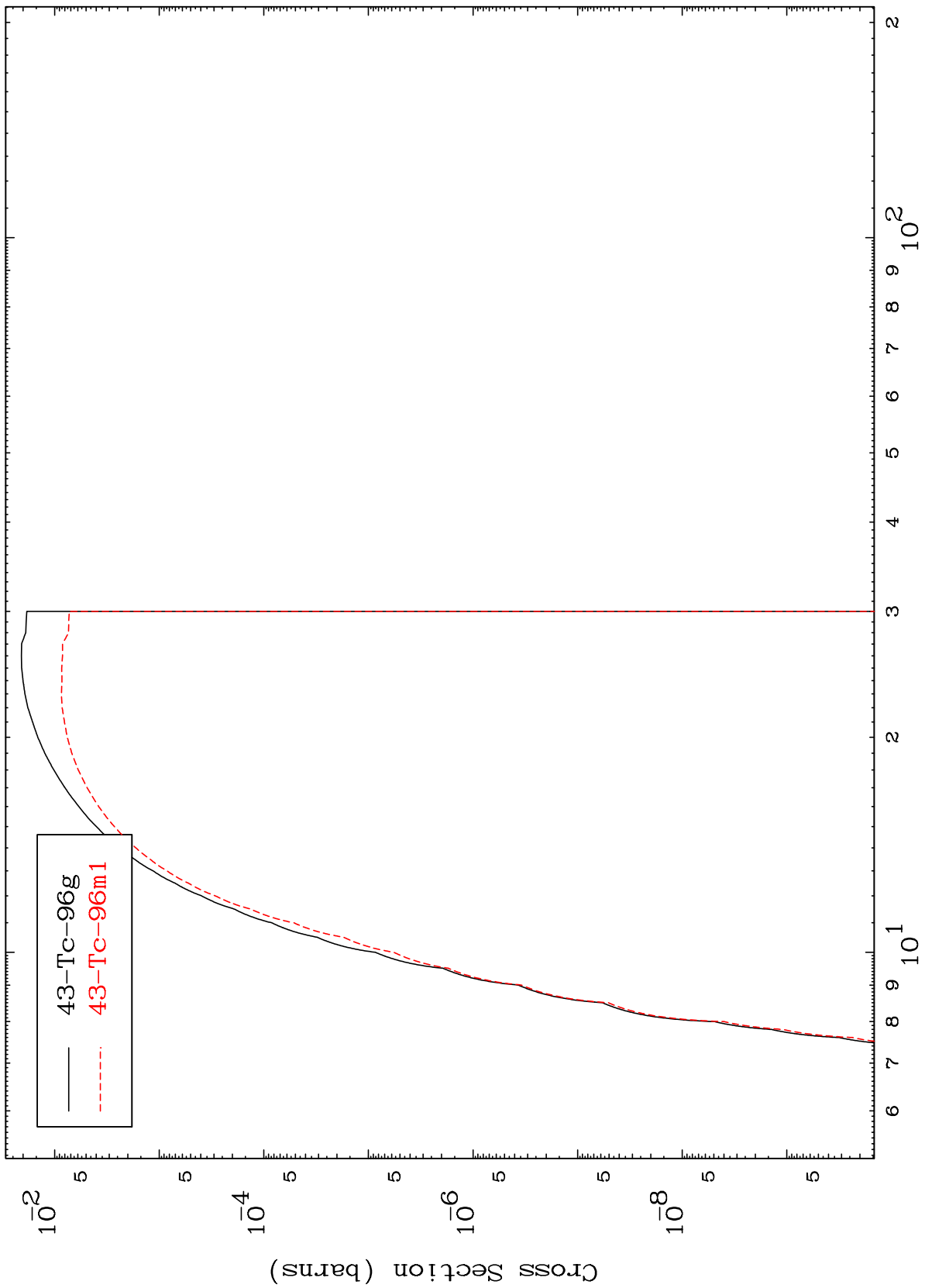
146

44-Ru-97

MAT 4428

44-Ru-97

(n,d)
Radionuclide Production Cross Section



147

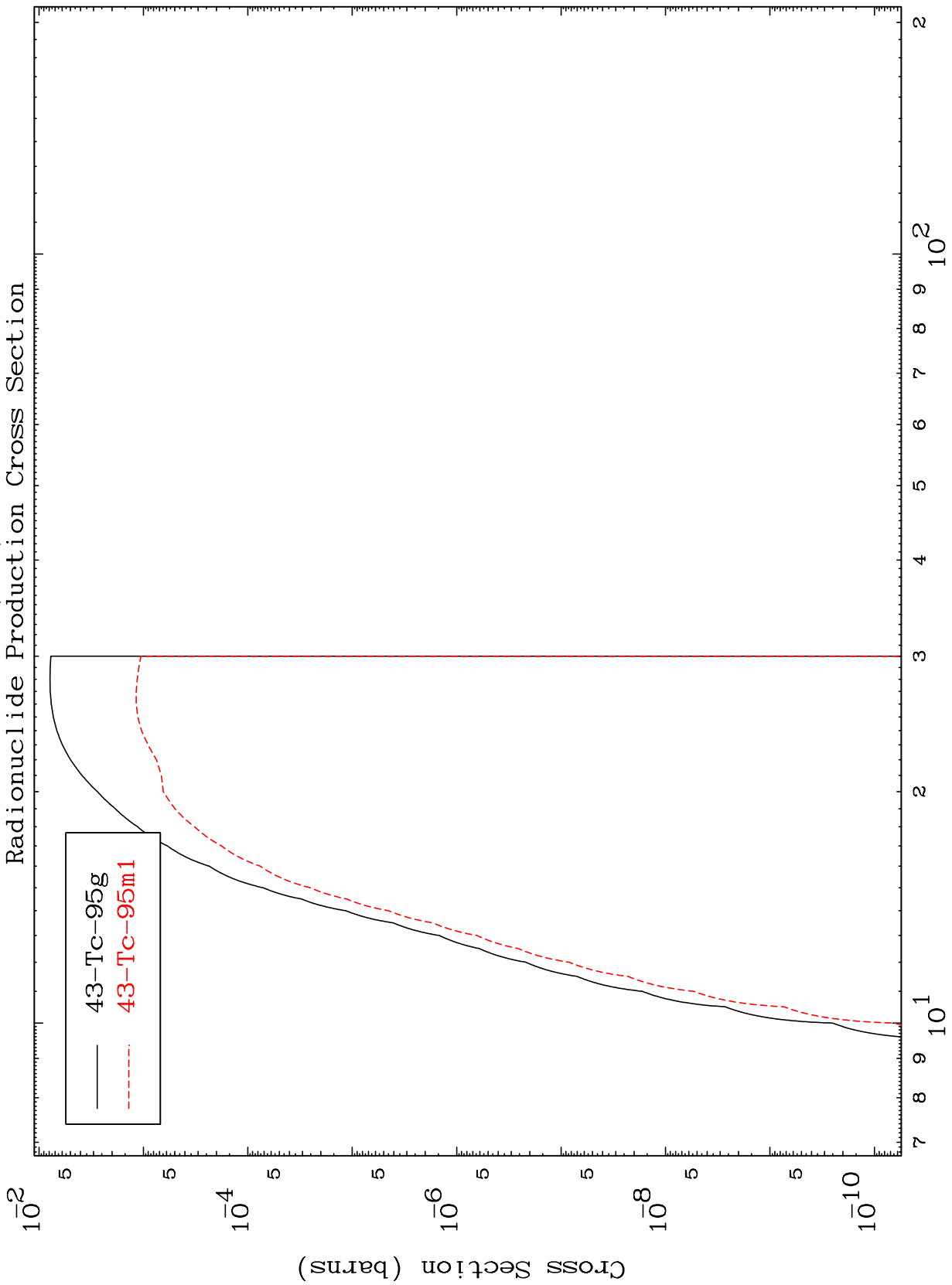
Incident Energy (MeV)

44-Ru-97

MAT 4428

44-Ru-97

(n, t)
Radionuclide Production Cross Section



44-Ru-97

Incident Energy (MeV)

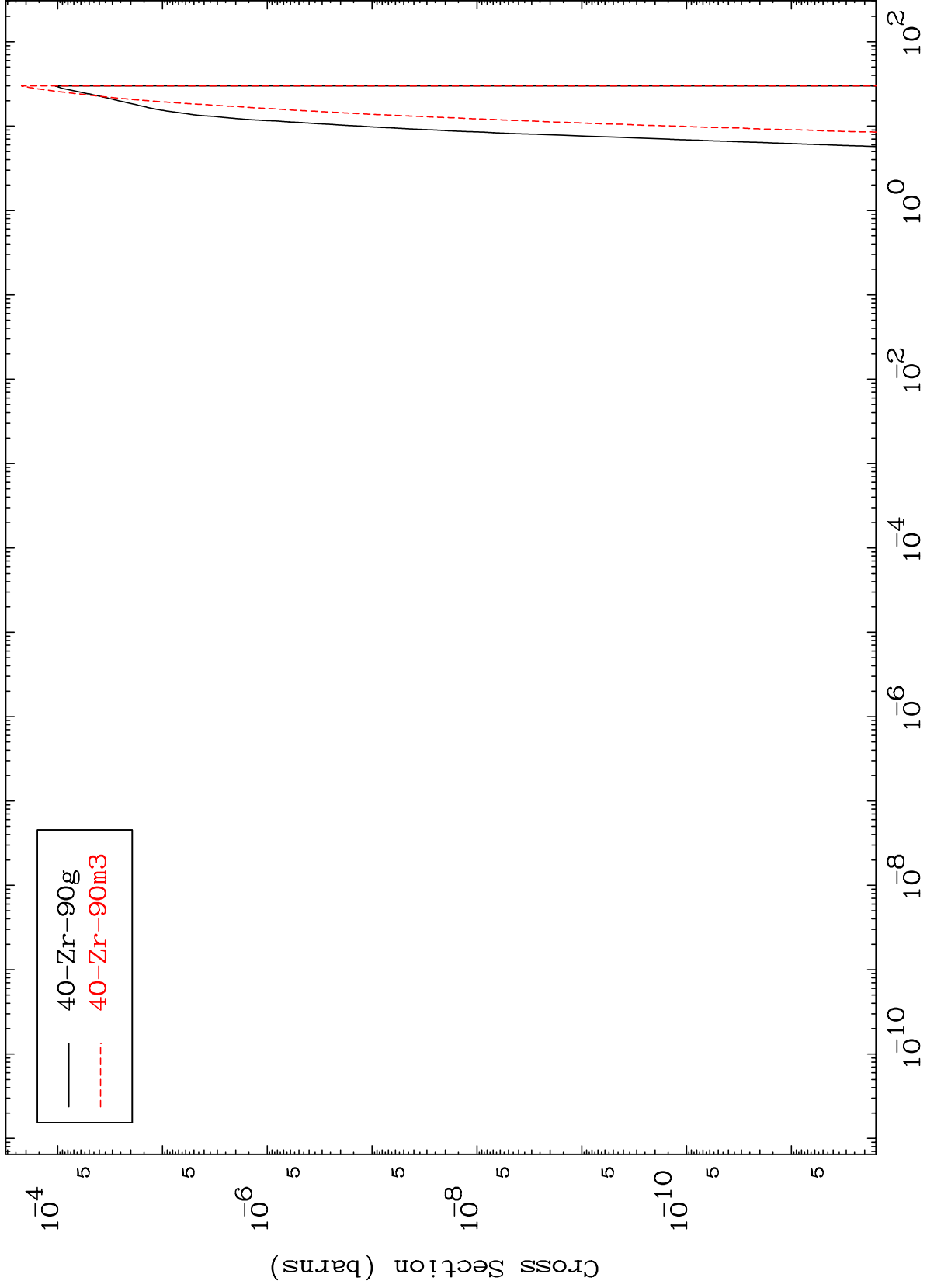
148

MAT 4428

(n,2α)

44-Ru-97

Radionuclide Production Cross Section



149

Incident Energy (MeV)

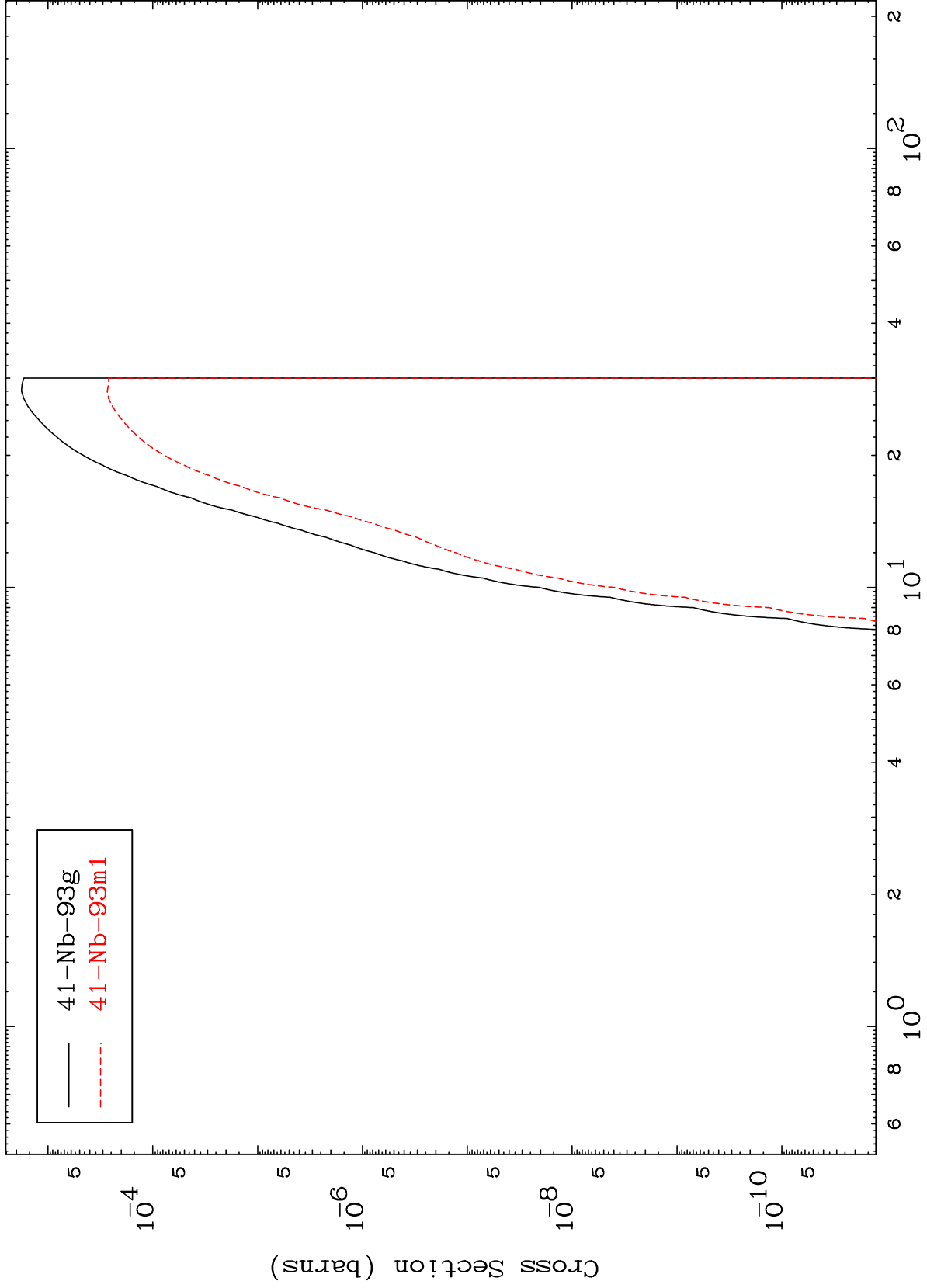
44-Ru-97

MAT 4428

(n,p) α

44-Ru-97

Radionuclide Production Cross Section



150

Incident Energy (MeV)

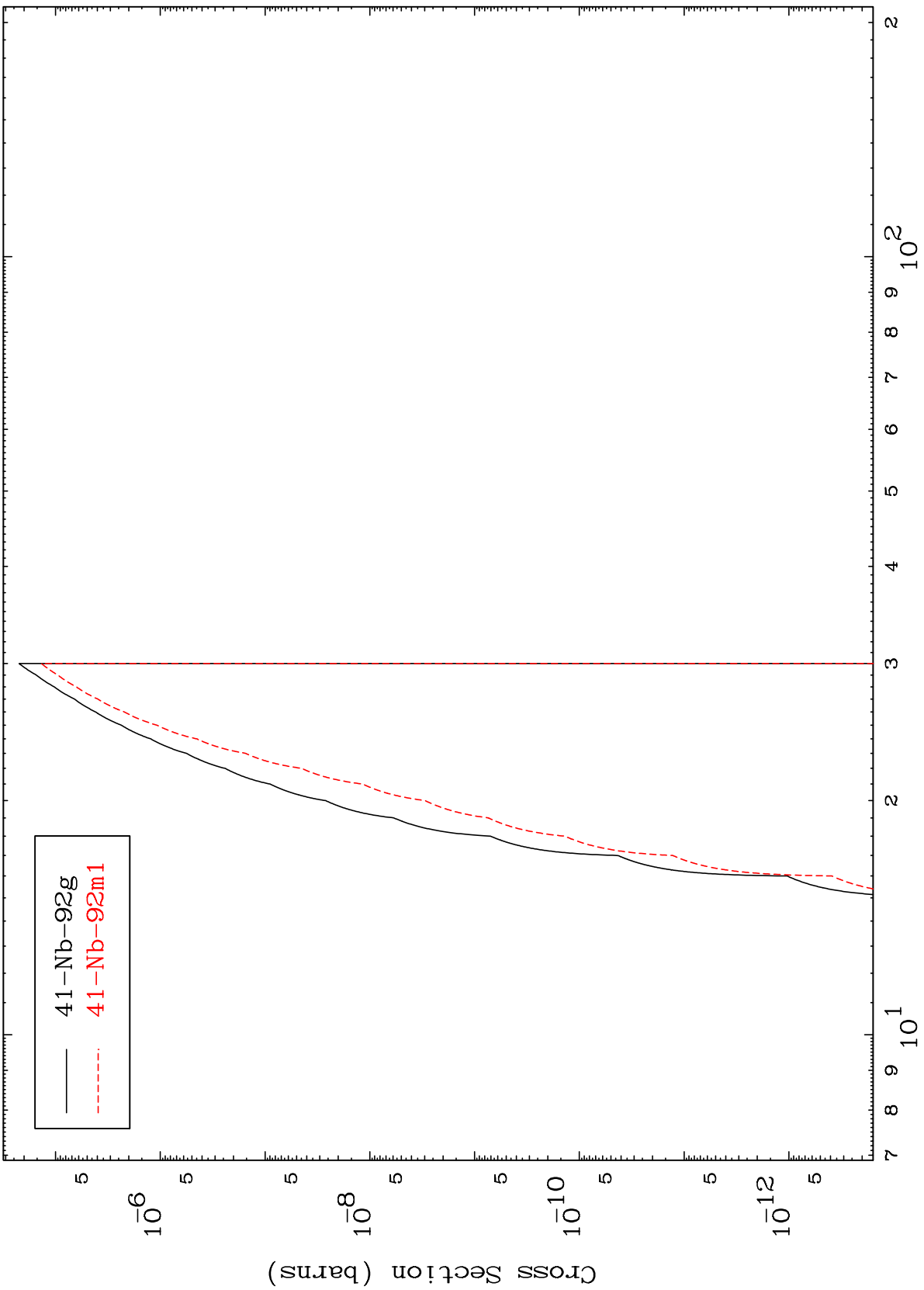
44-Ru-97

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