

Program EVALPLOT
(Version 2017-1)

by

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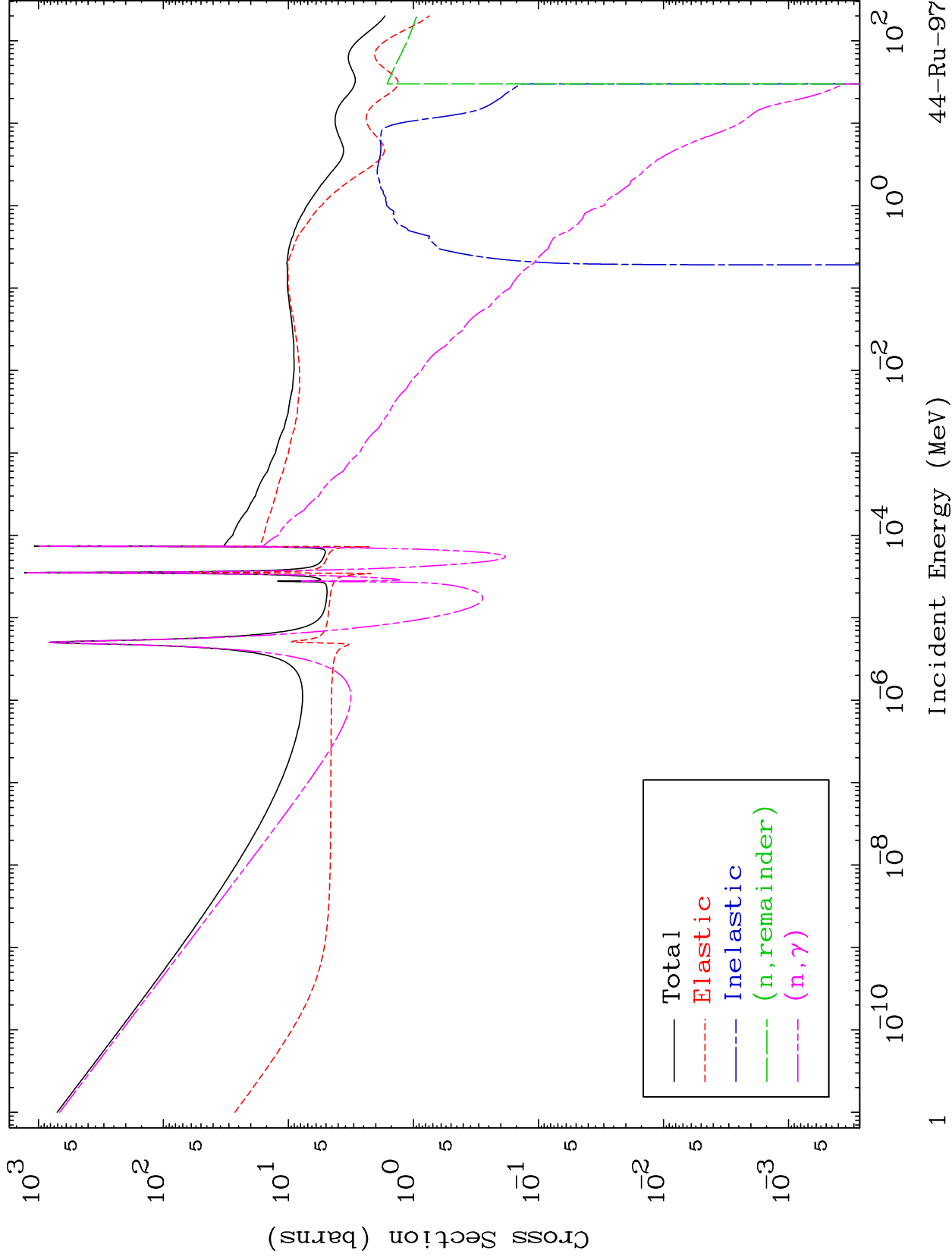
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4428

Major
293 Kelvin Cross Sections

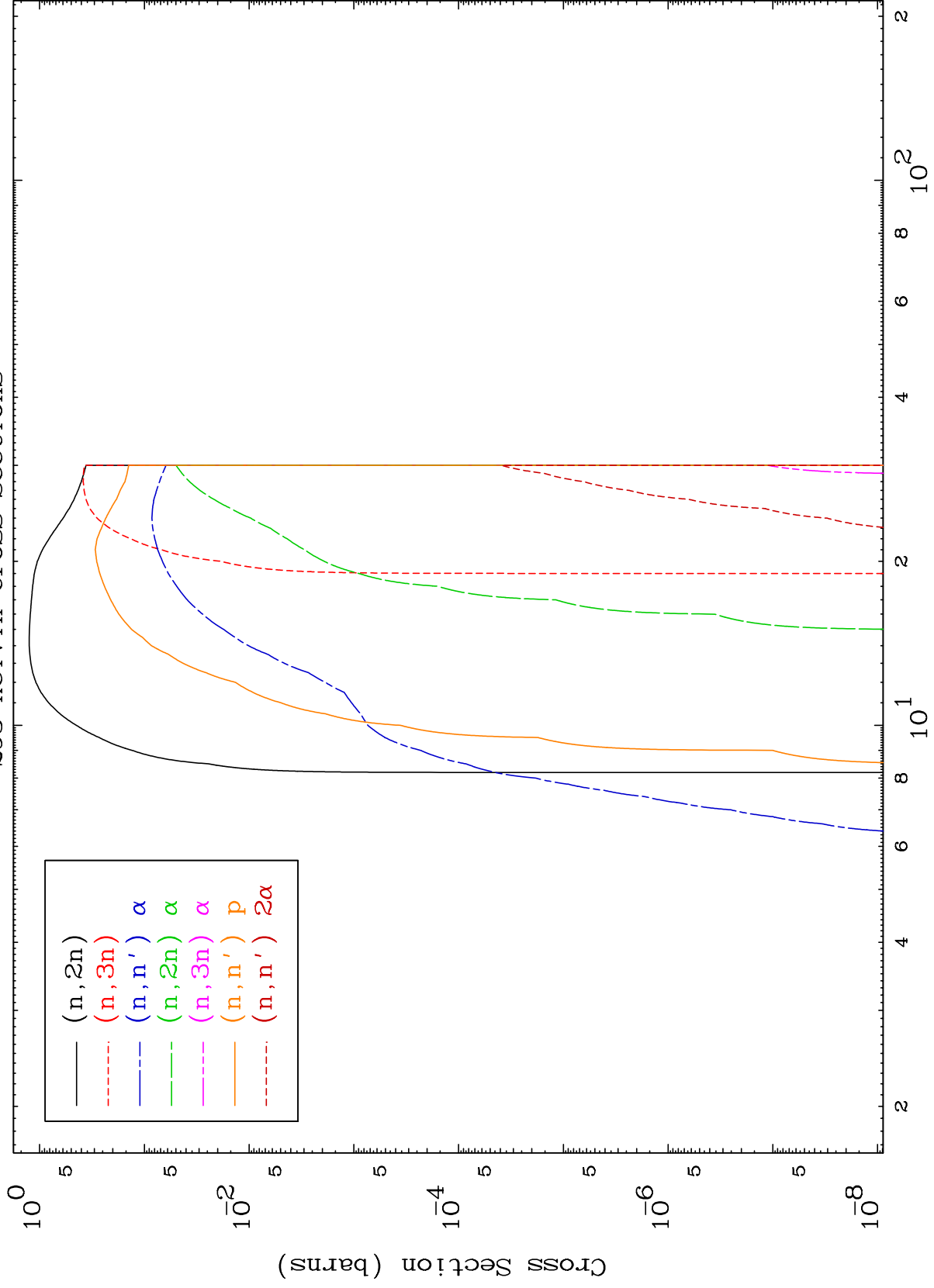
44-Ru-97



MAT 4428

Neutron Production
293 Kelvin Cross Sections

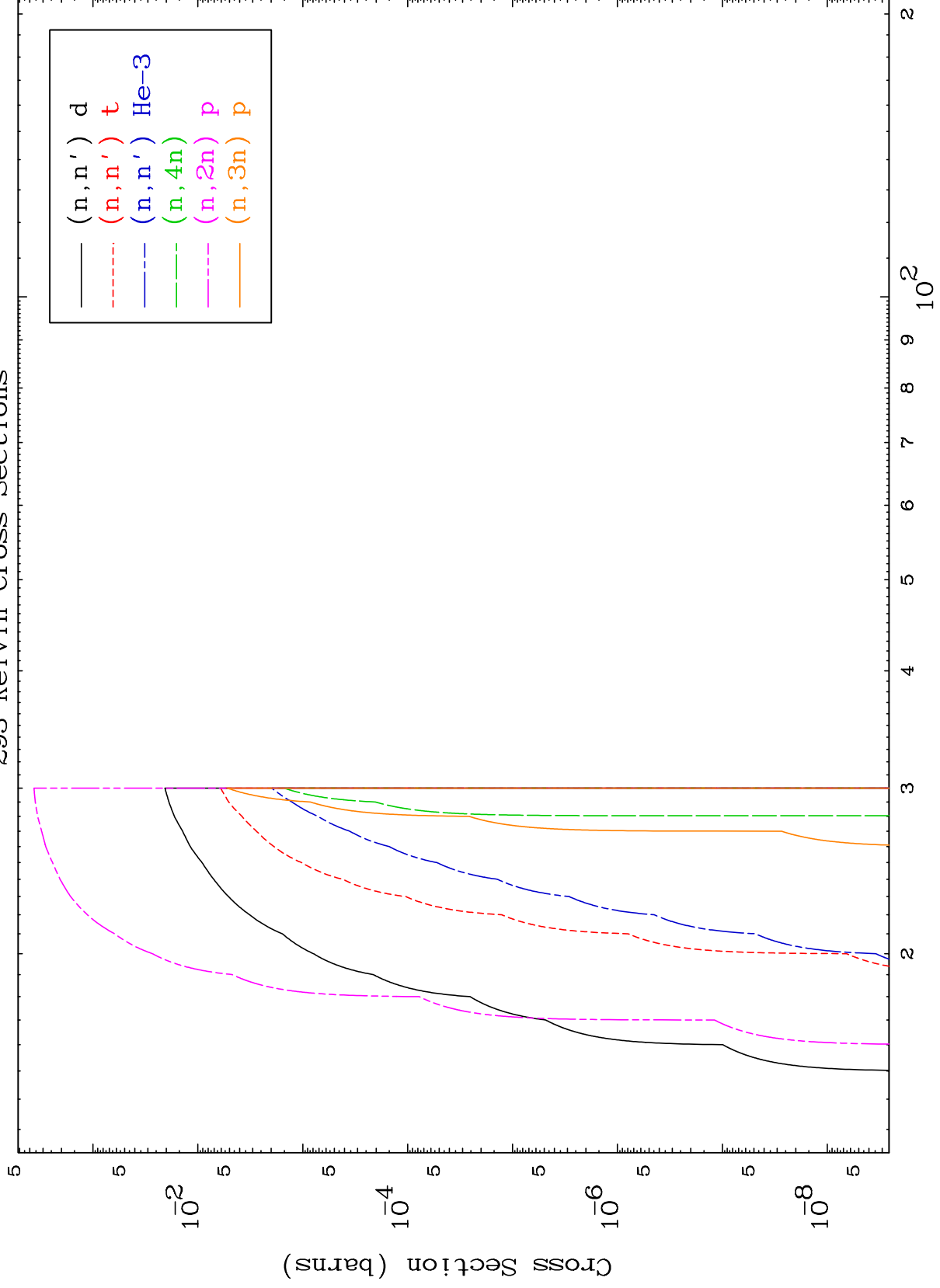
44-Ru-97



44-Ru-97

Incident Energy (MeV)

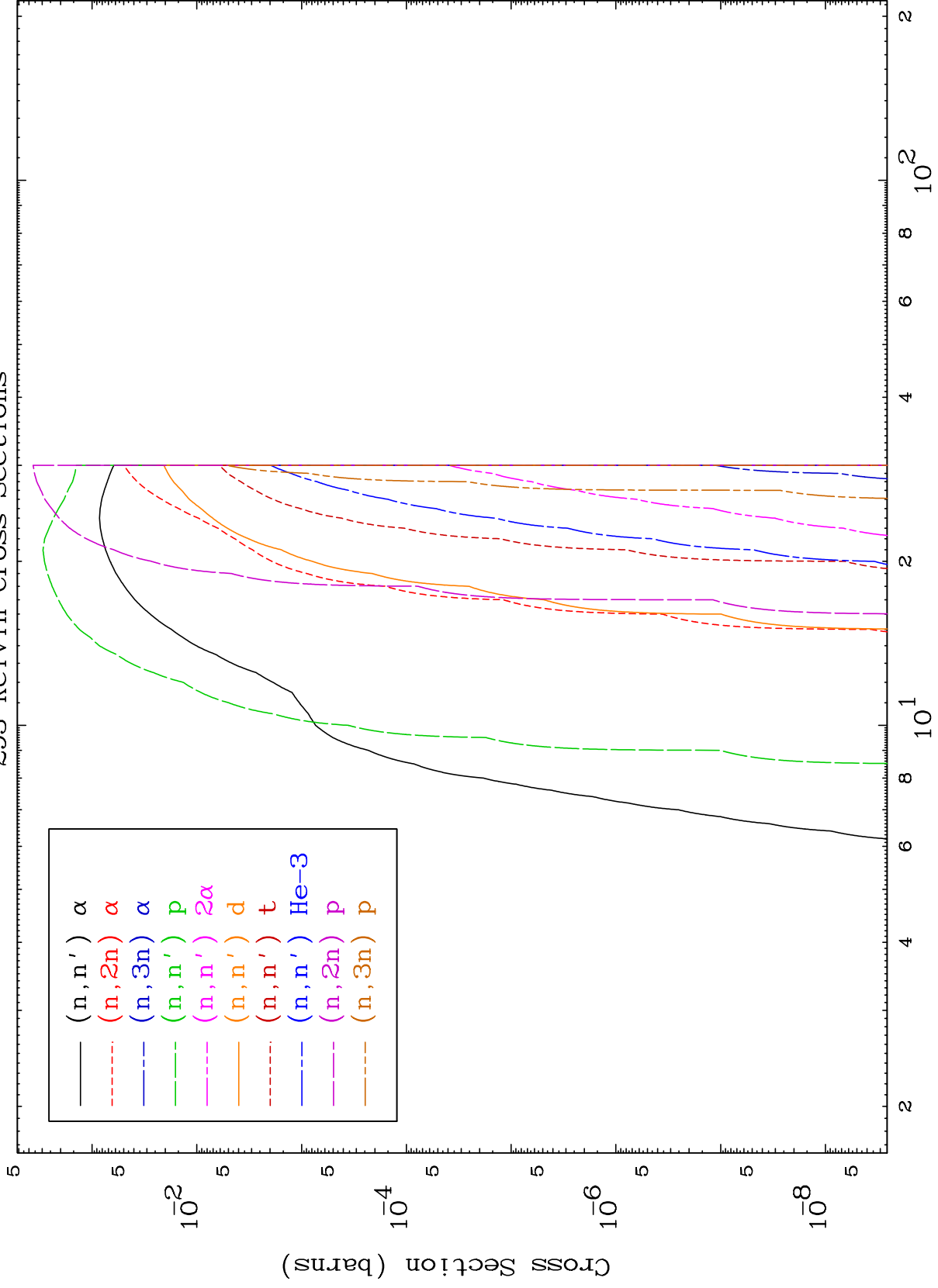
2



MAT 4428

Charged Particle
293 Kelvin Cross Sections

44-Ru-97



4

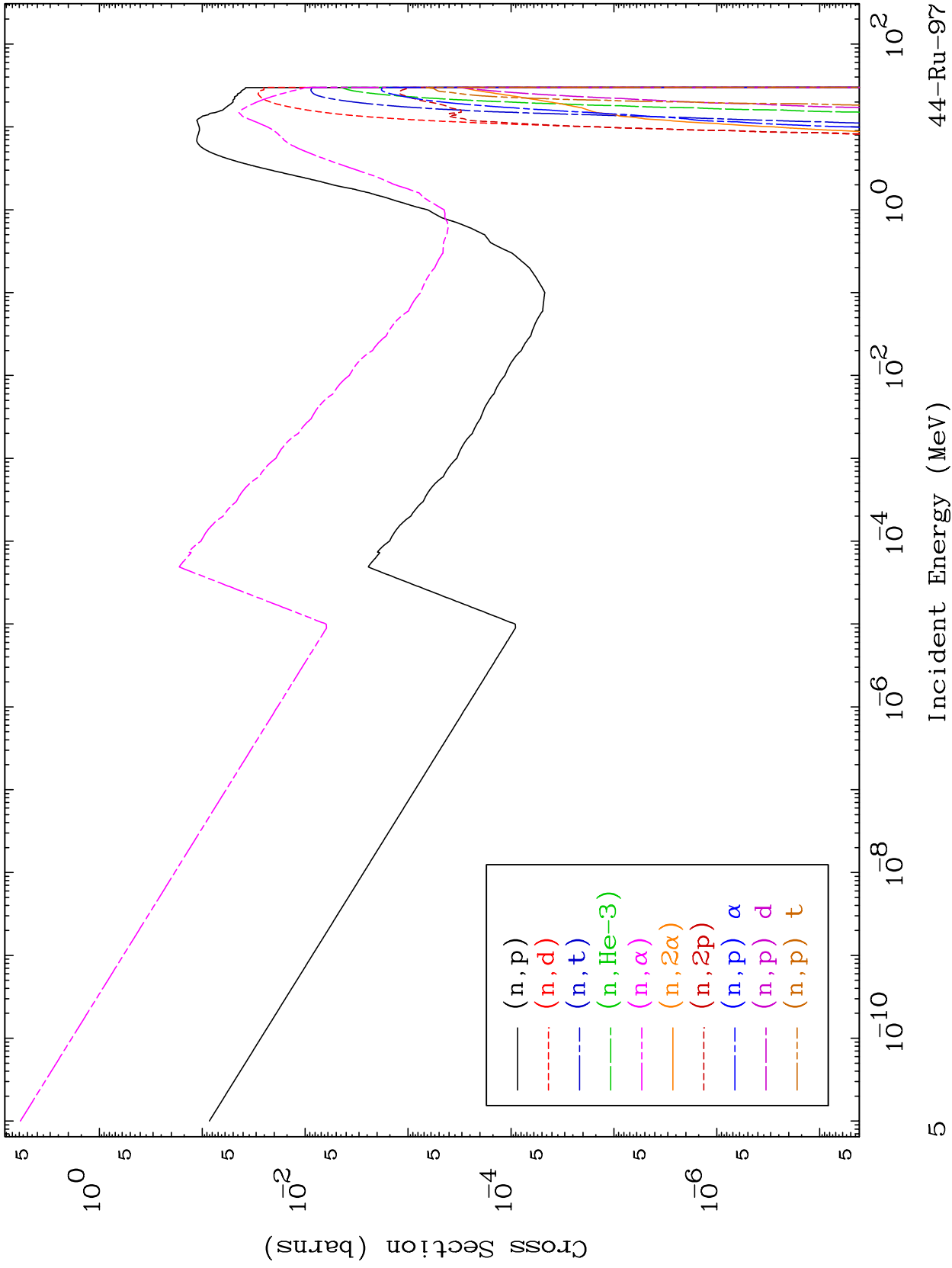
Incident Energy (MeV)

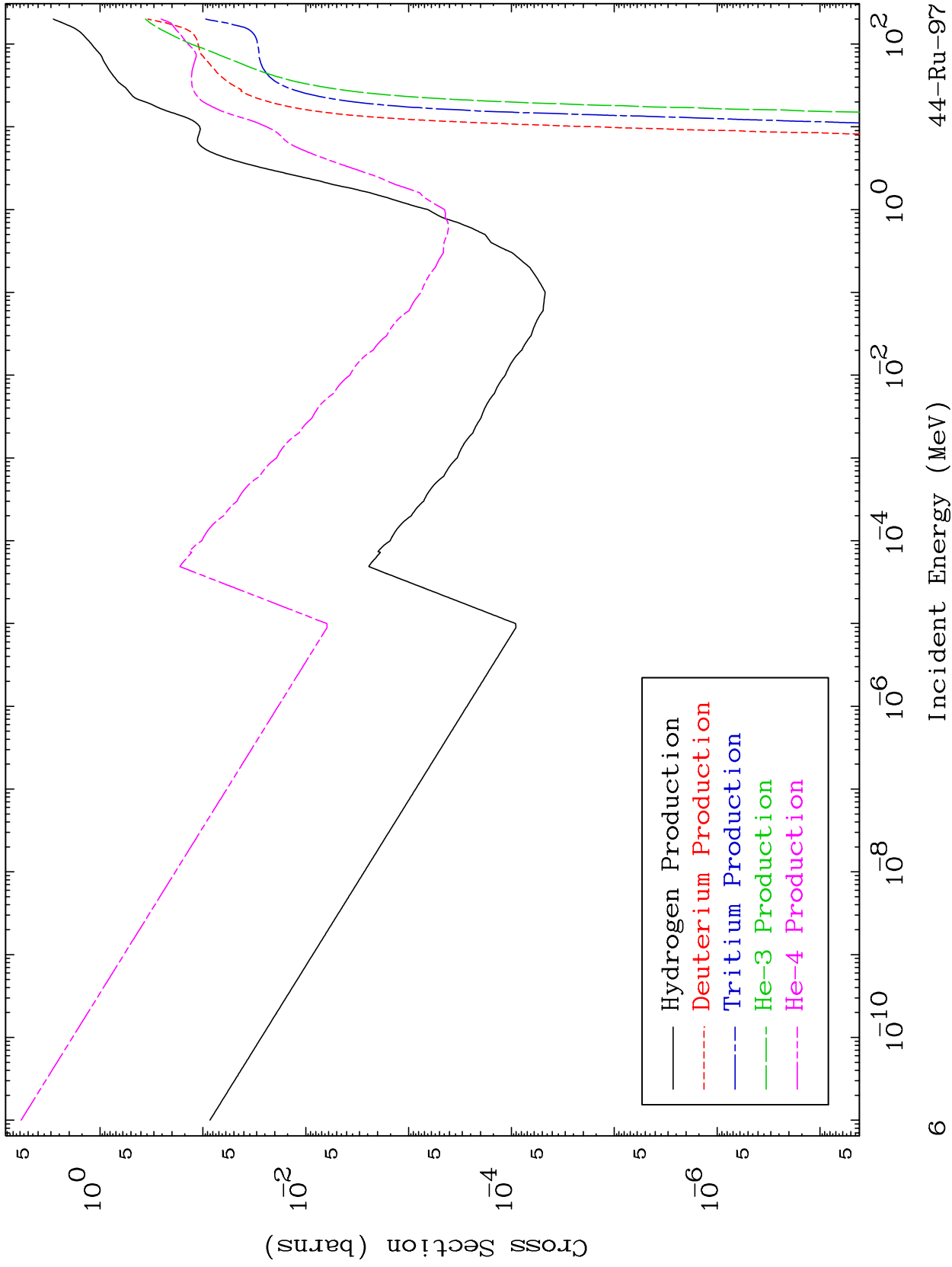
44-Ru-97

MAT 4428

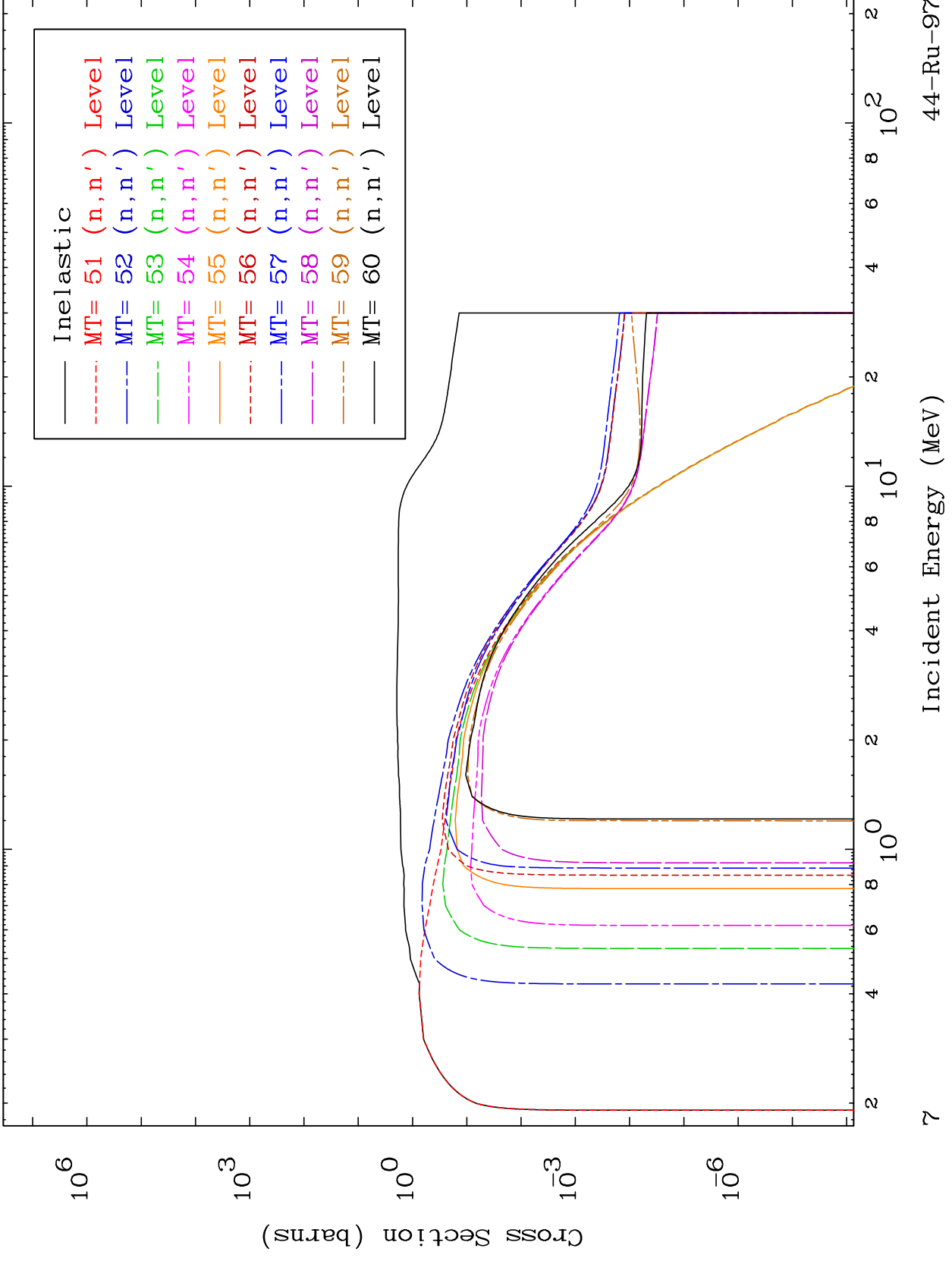
Charged Particle
293 Kelvin Cross Sections

44-Ru-97





293 Kelvin Cross Sections

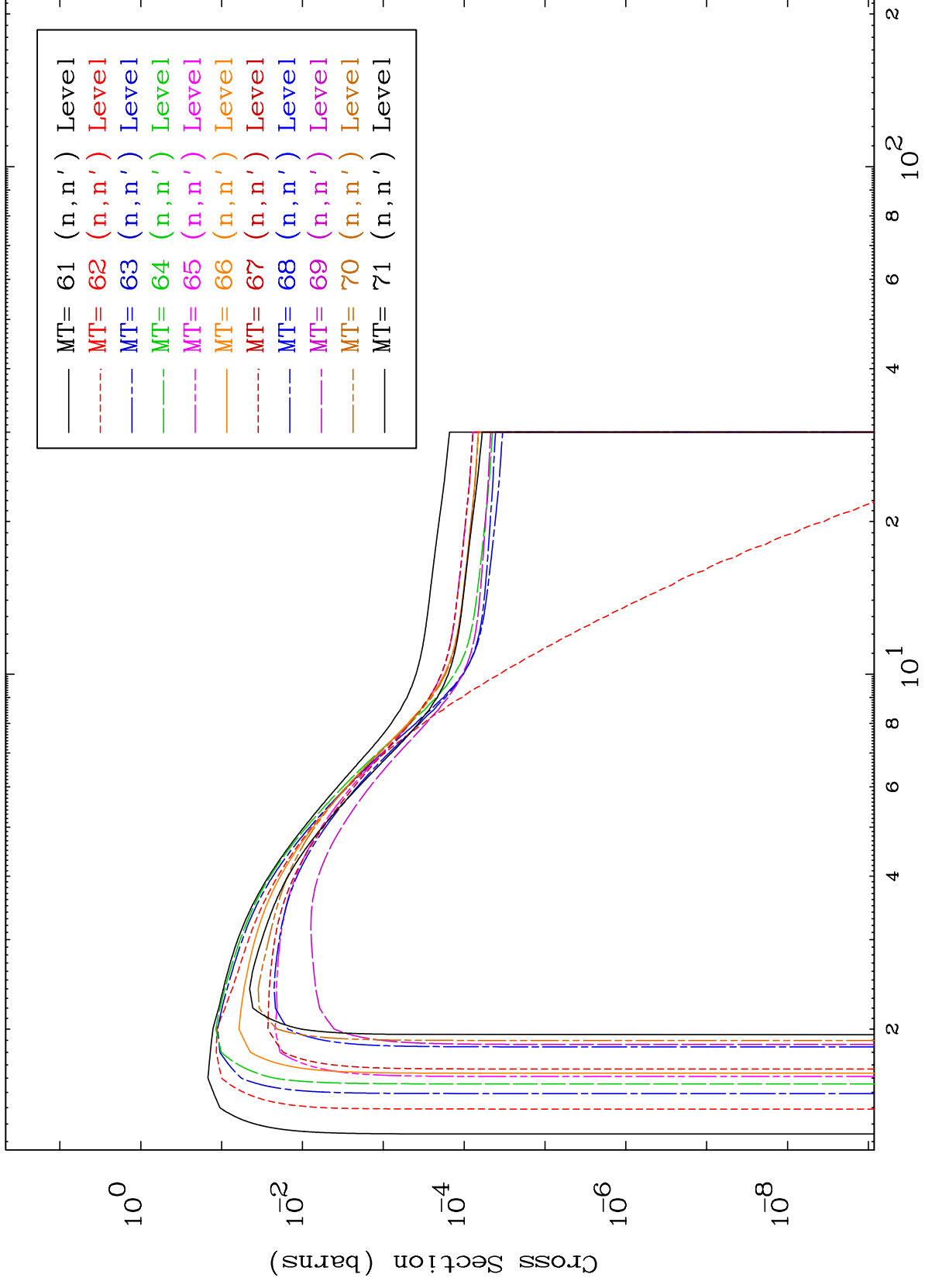


MAT 4428

(n,n') Level

44-Ru-97

293 Kelvin Cross Sections



8

Incident Energy (MeV)

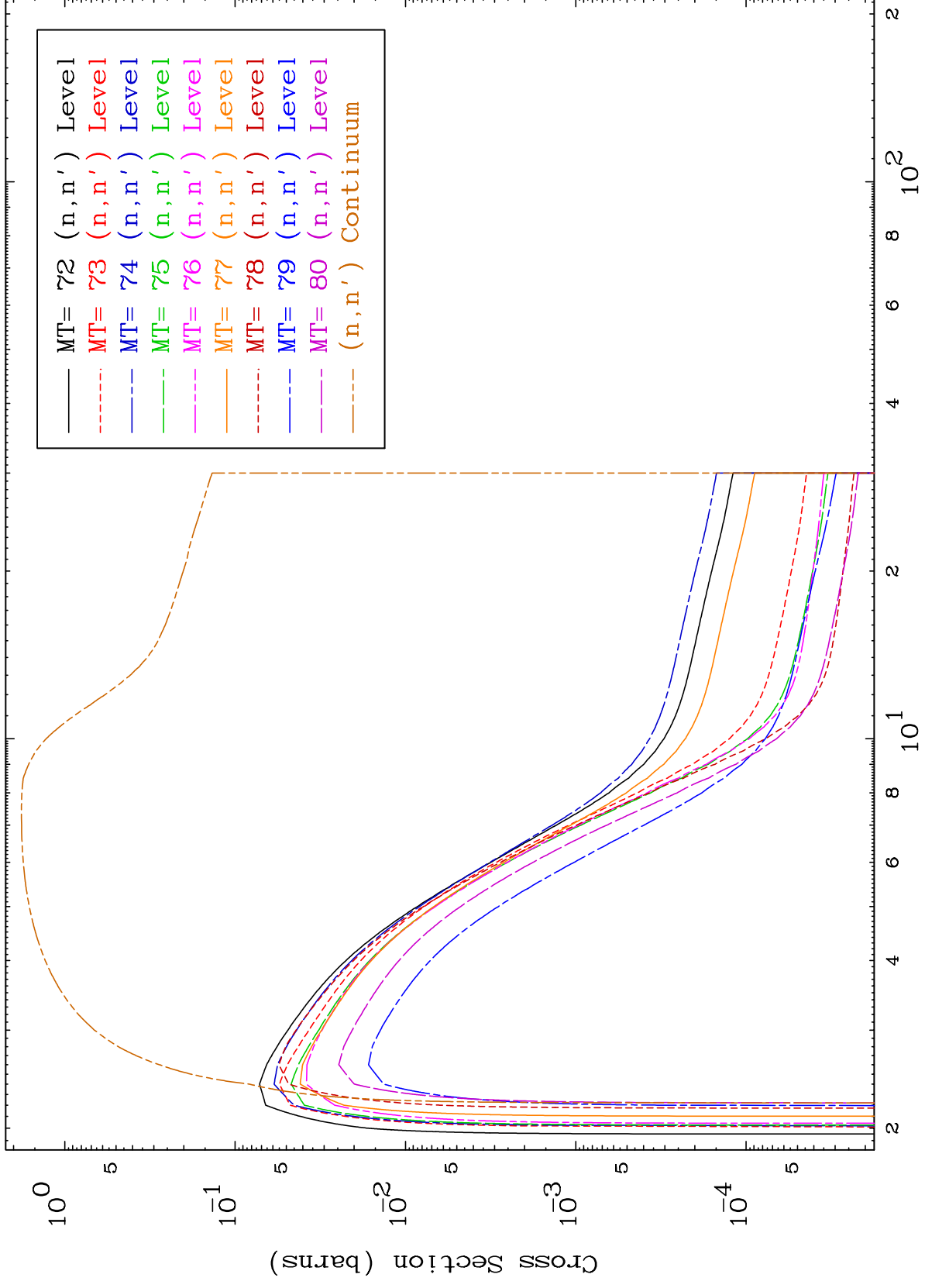
44-Ru-97

MAT 4428

(n,n') Level

44-Ru-97

293 Kelvin Cross Sections



9

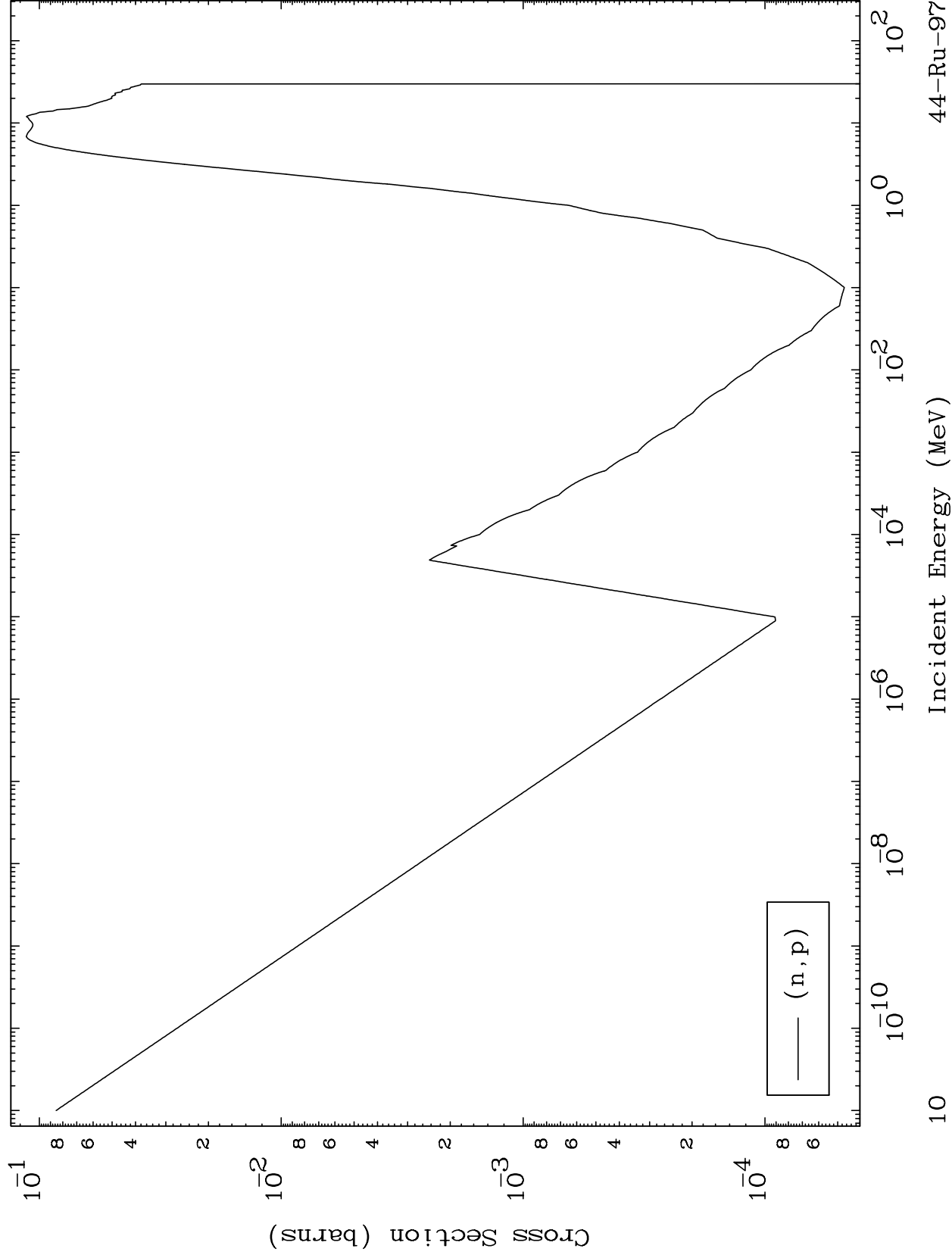
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-97



44-Ru-97

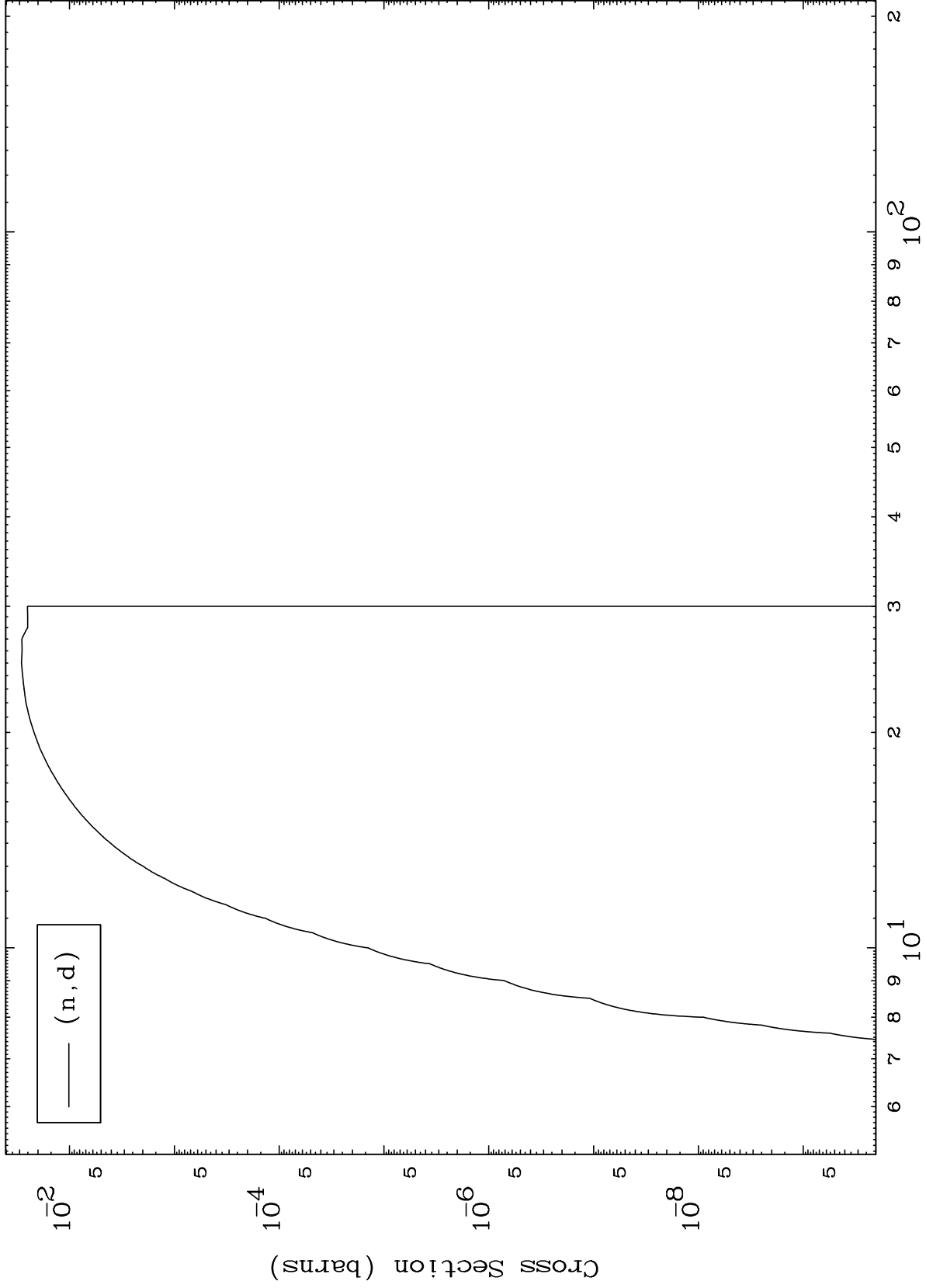
Incident Energy (MeV)

10

MAT 4428

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-97



11

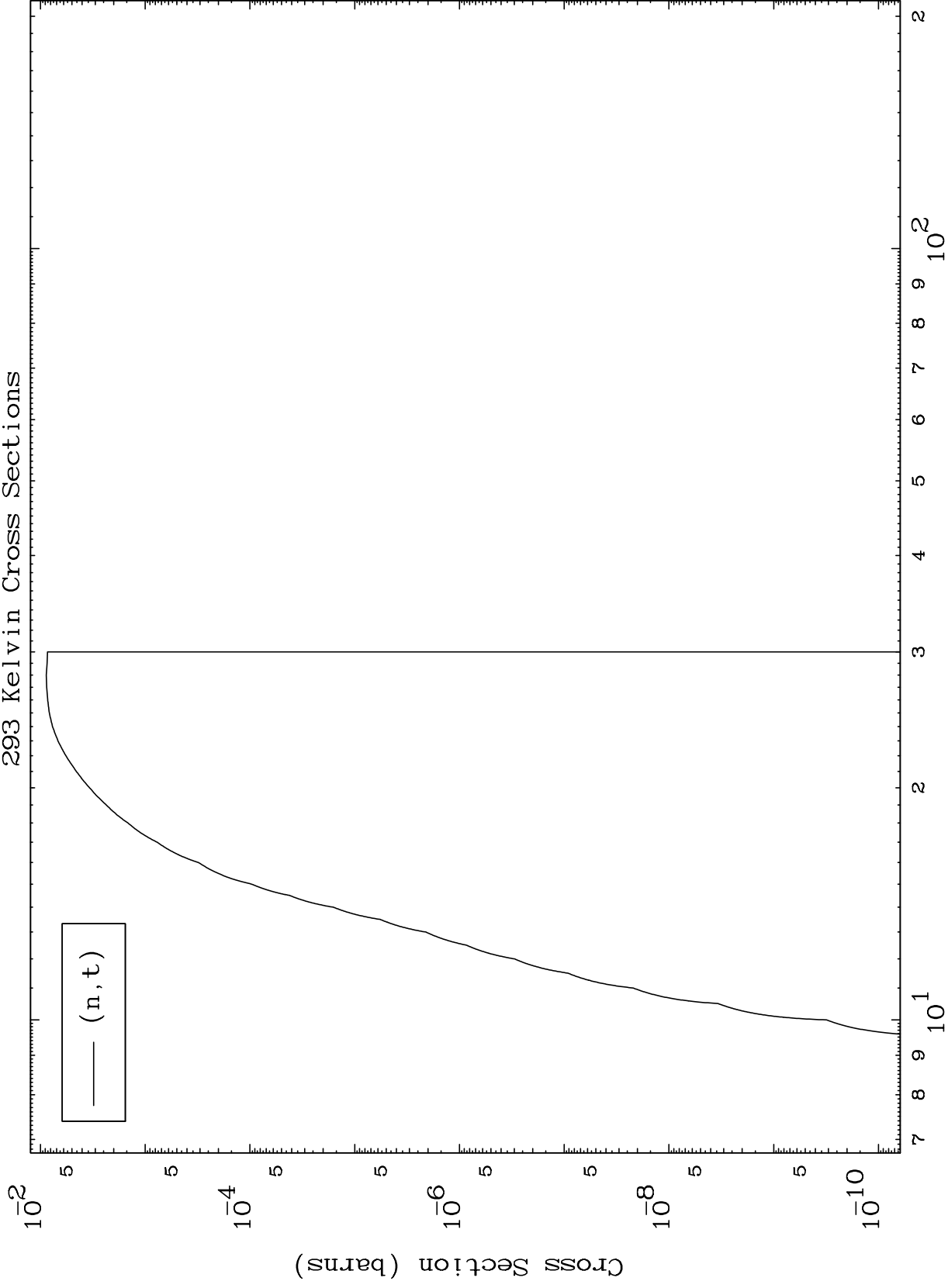
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-97



12

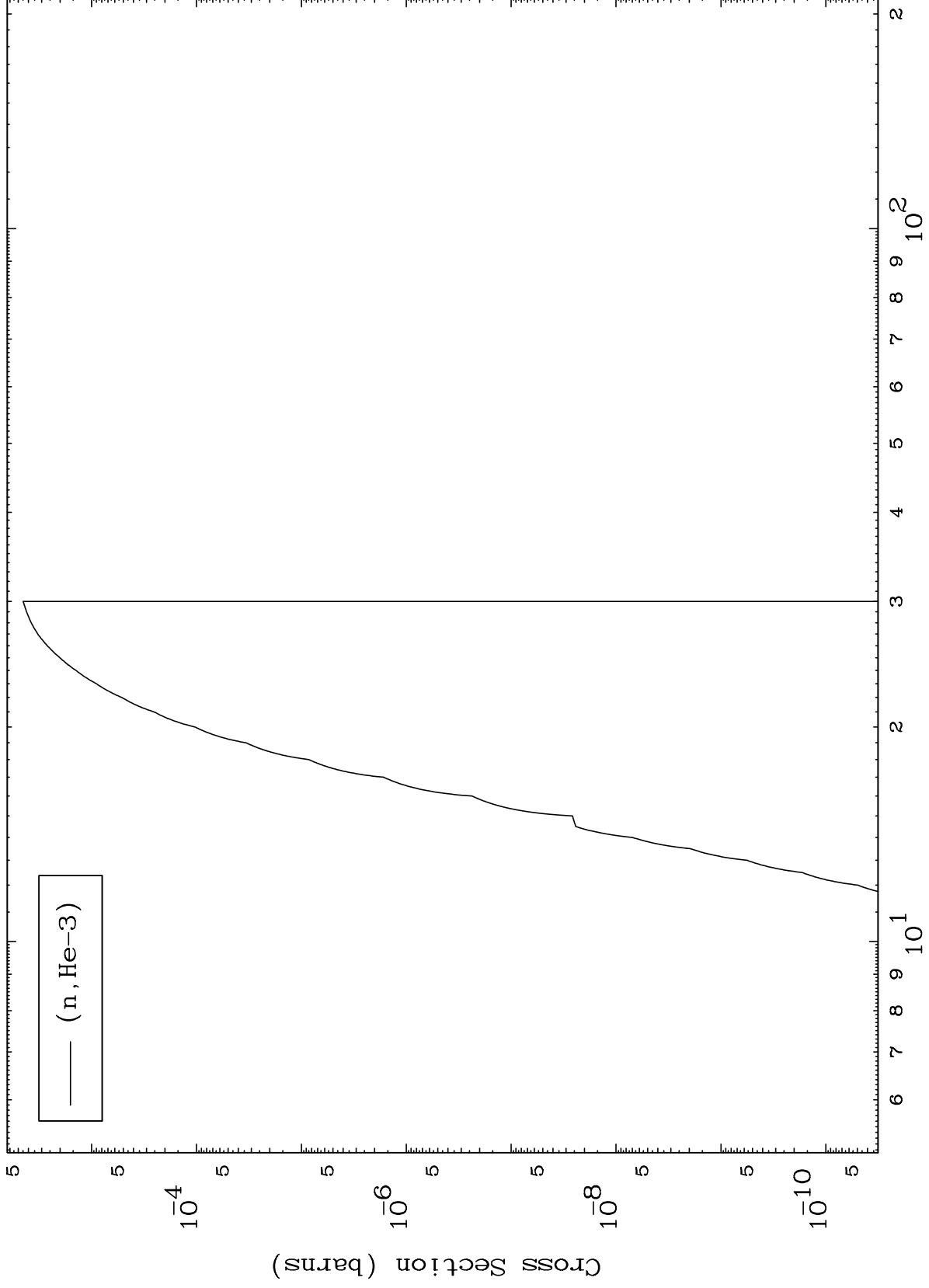
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-97



13

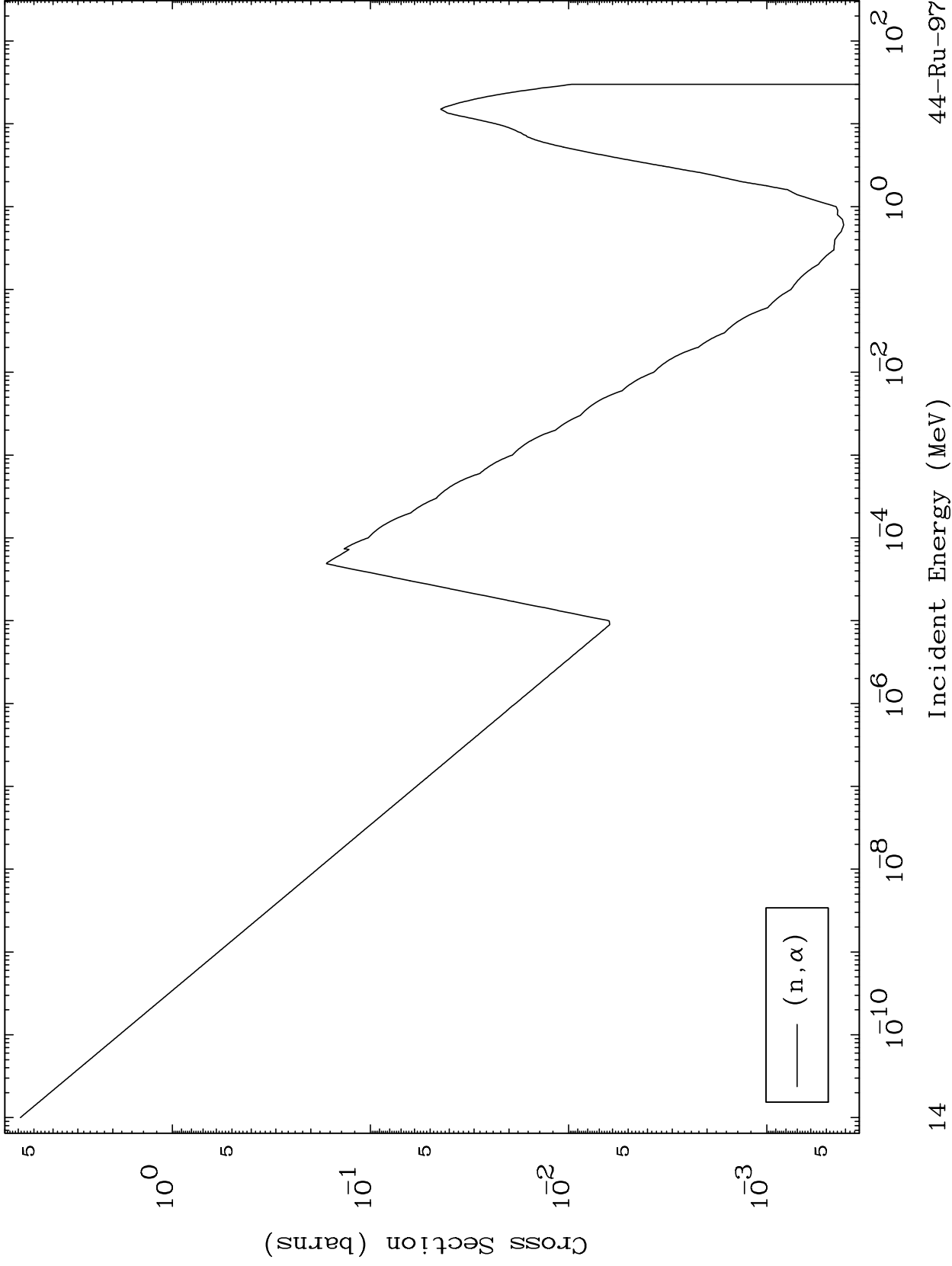
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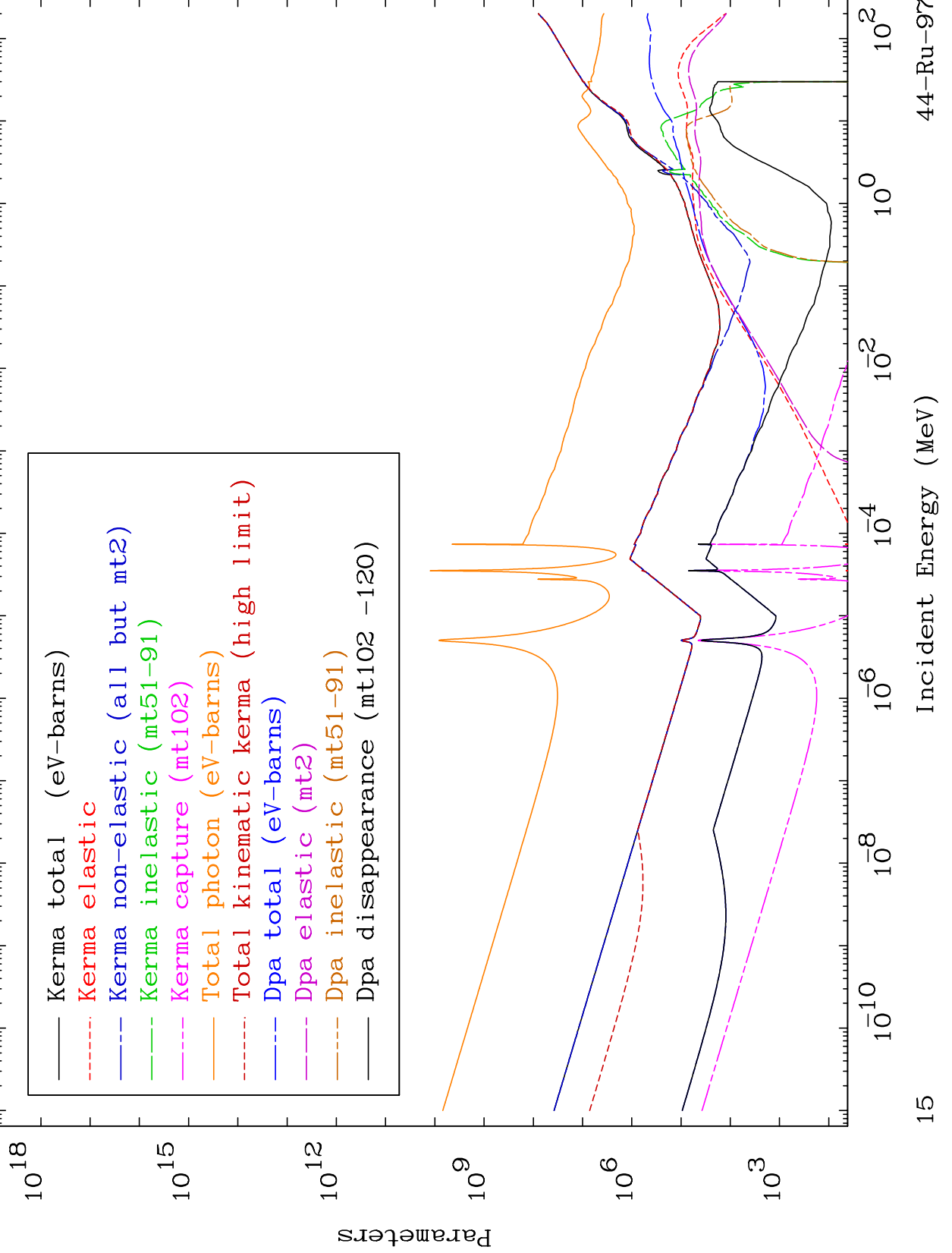
44-Ru-97

MAT 4428

(n,α) Levels
293 Kelvin Cross Sections

44-Ru-97

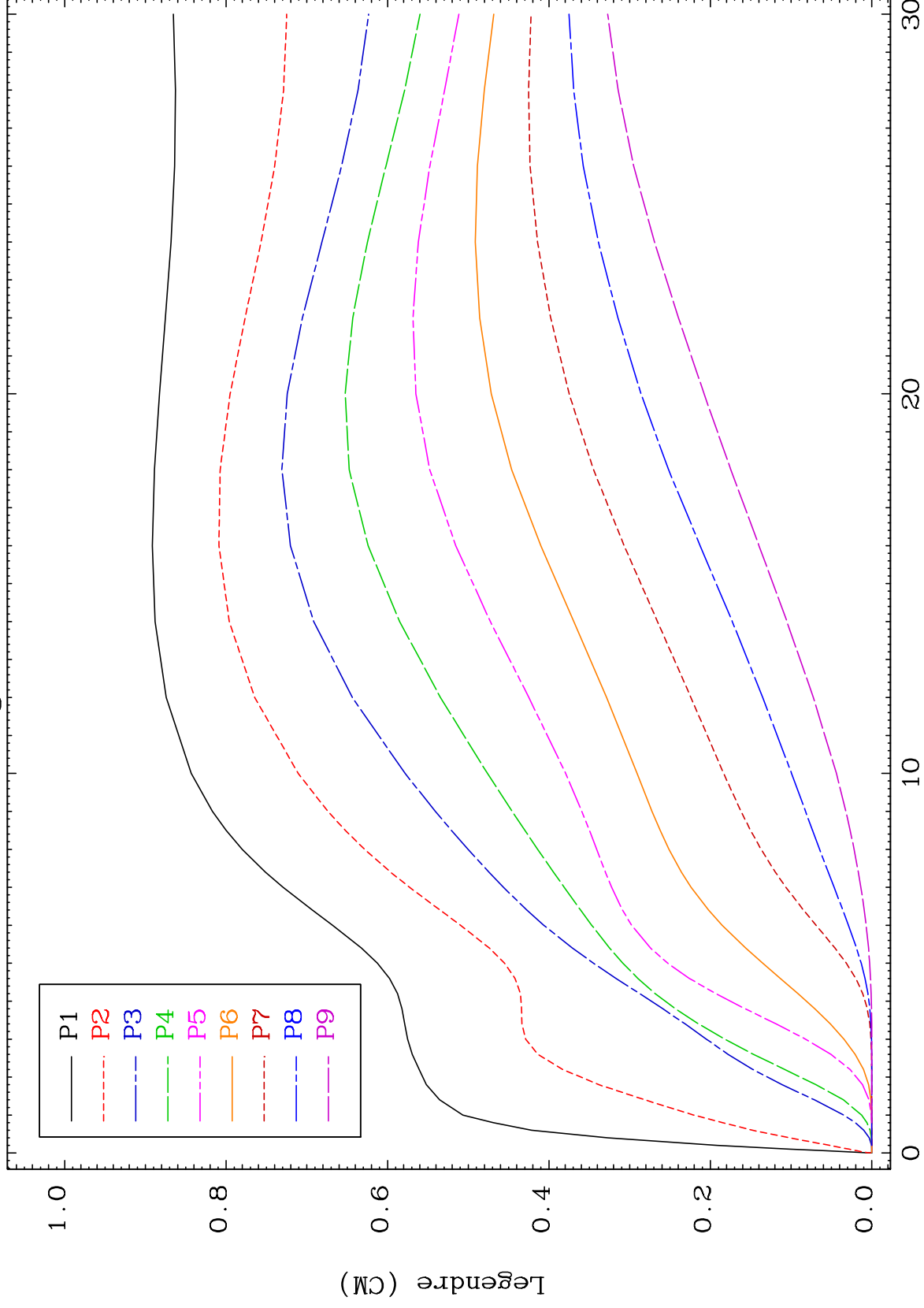




MAT 4428

Elastic Legendre Coefficients

44-Ru-97



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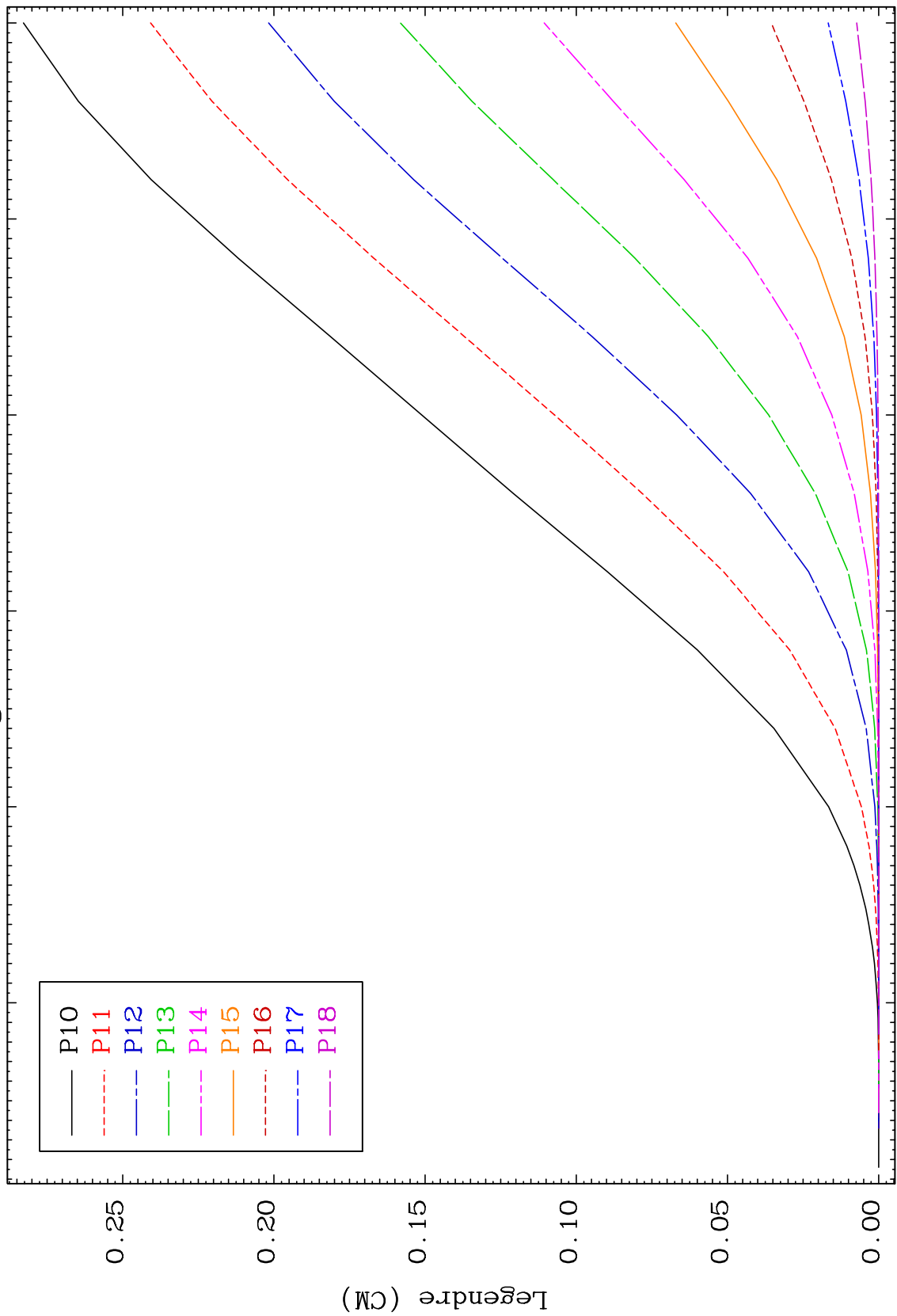
Incident Energy (MeV)

44-Ru-97

MAT 4428

Elastic Legendre Coefficients

44-Ru-97



17

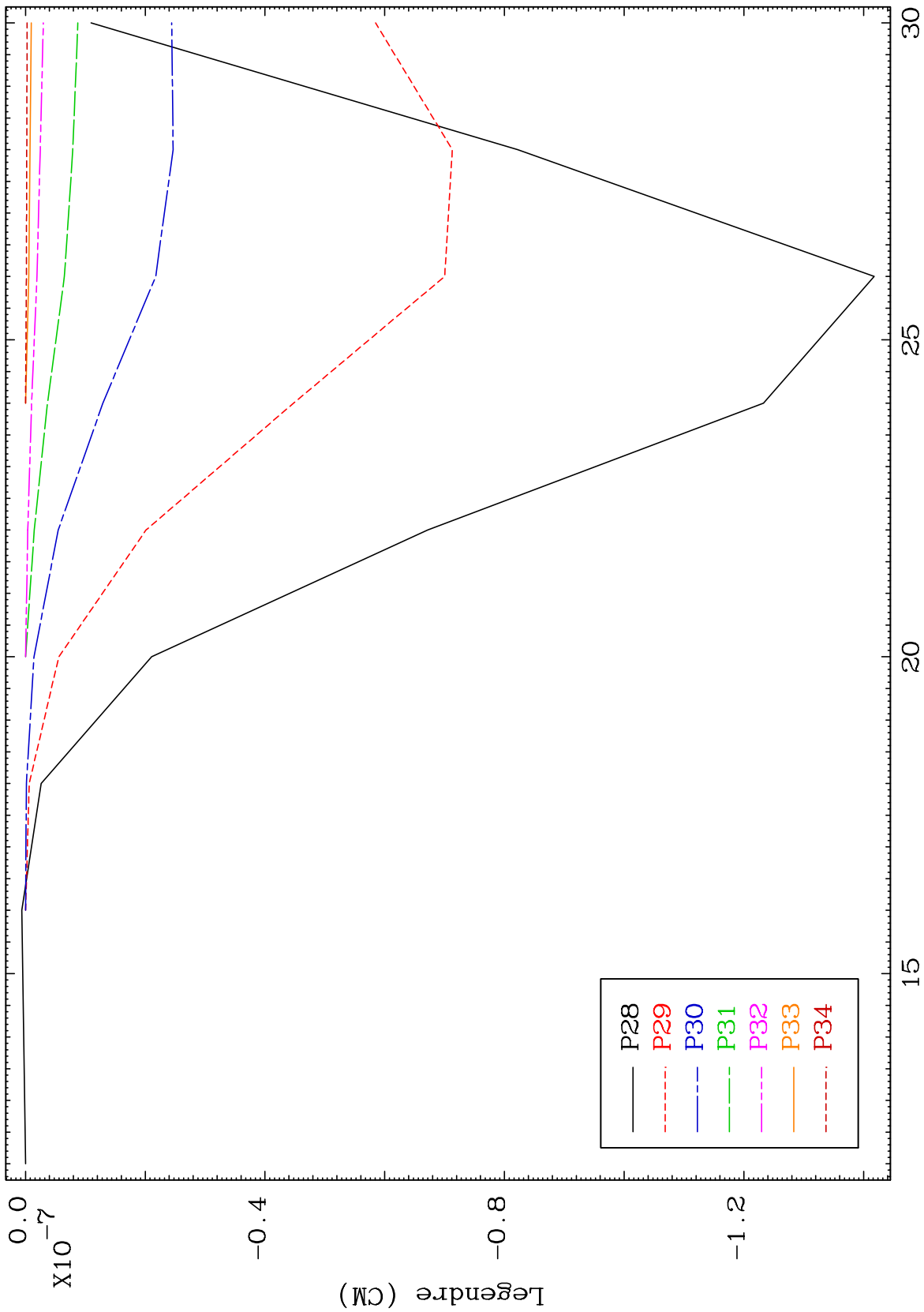
Incident Energy (MeV)

44-Ru-97

MAT 4428

44-Ru-97

Elastic Legendre Coefficients



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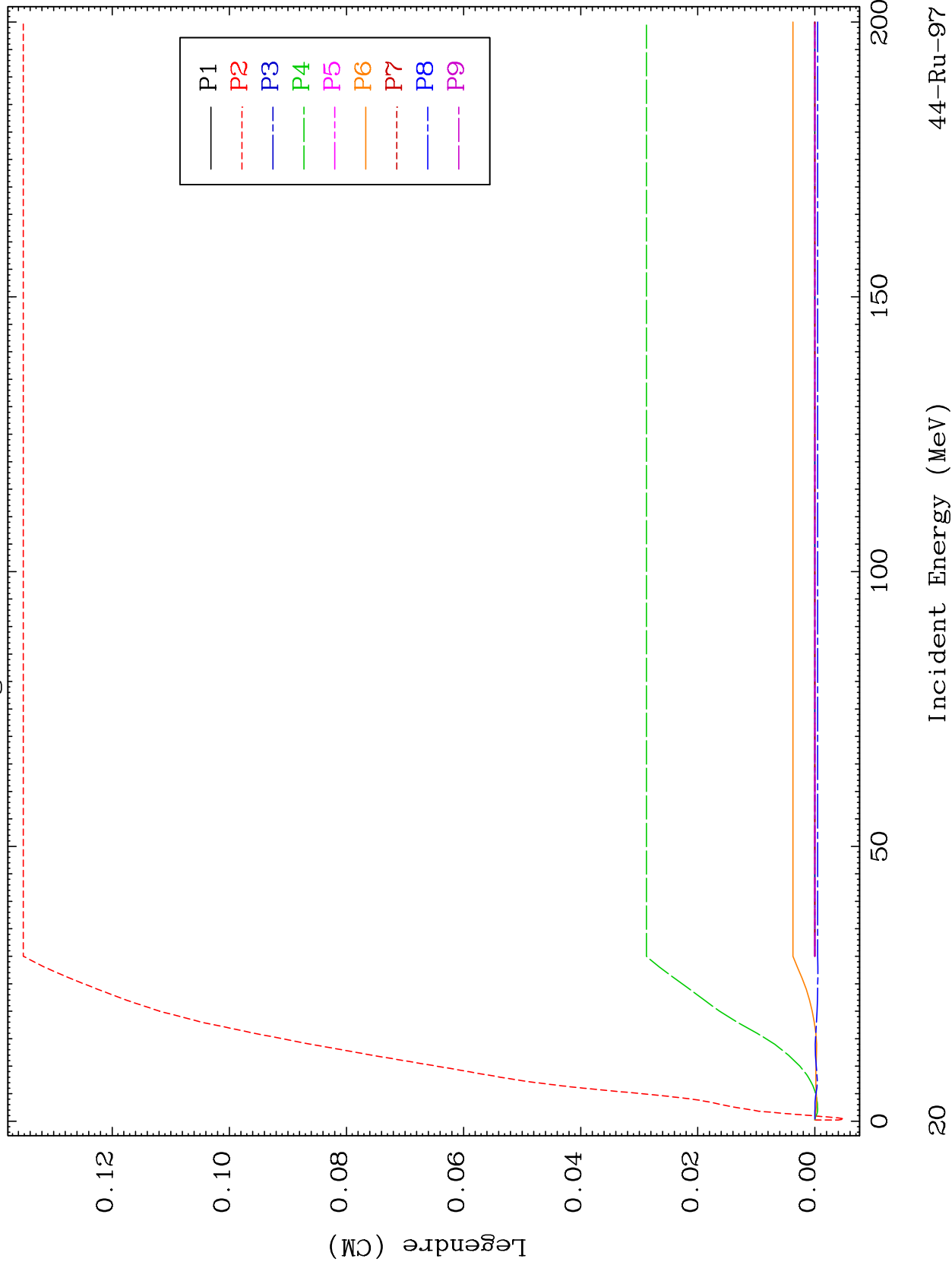
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

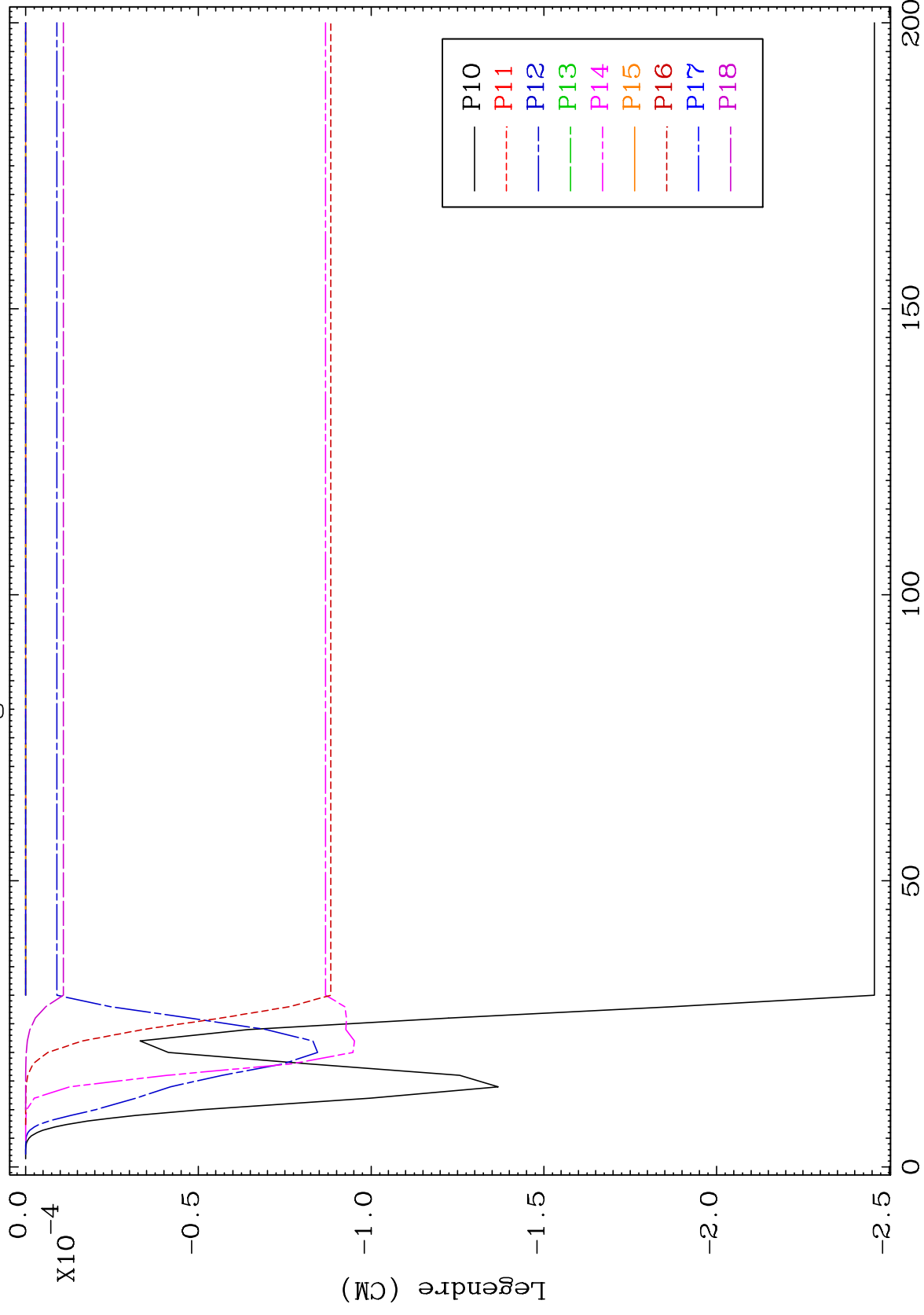
44-Ru-97



MAT 4428

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

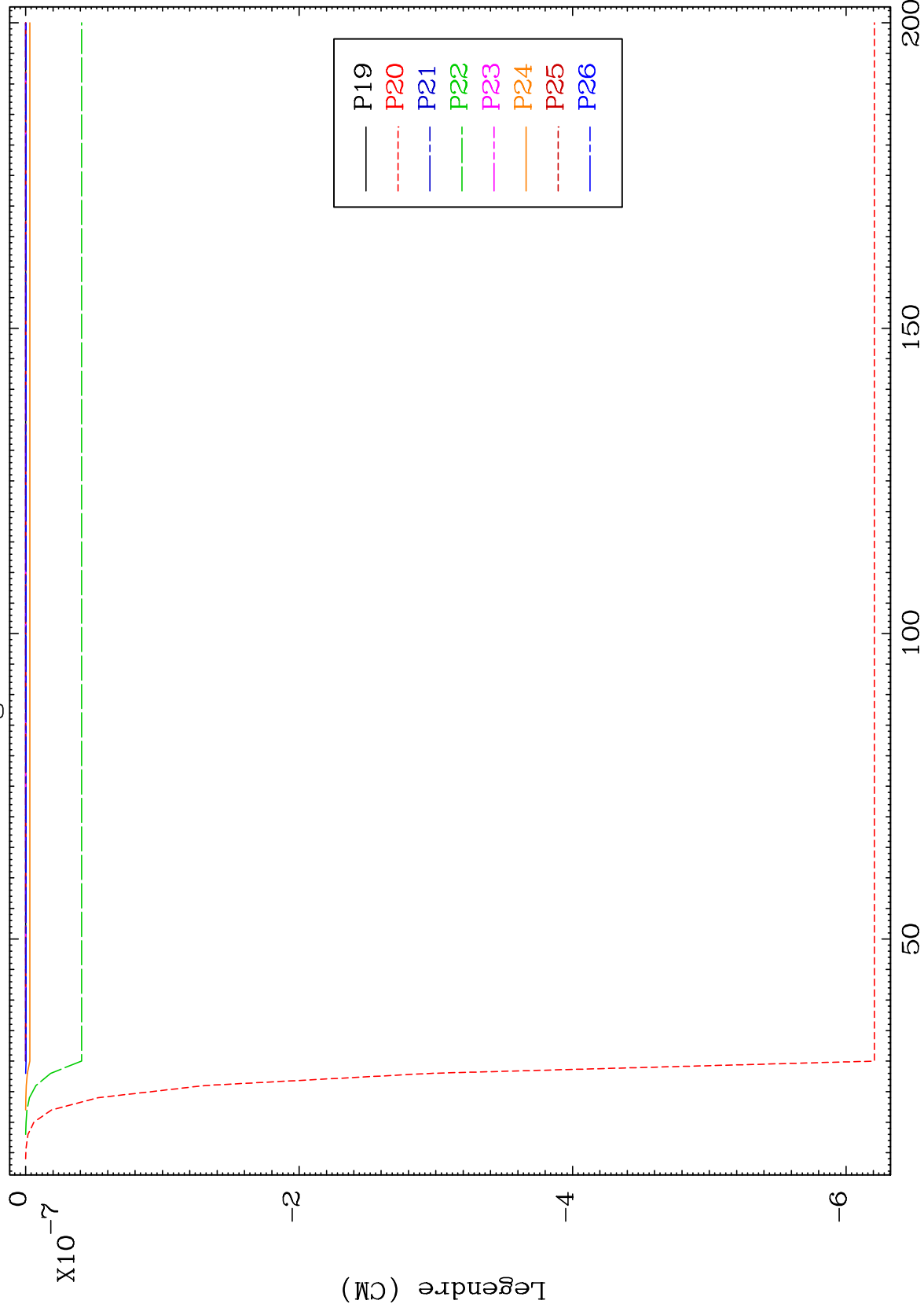
44-Ru-97



MAT 4428

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

44-Ru-97



44-Ru-97

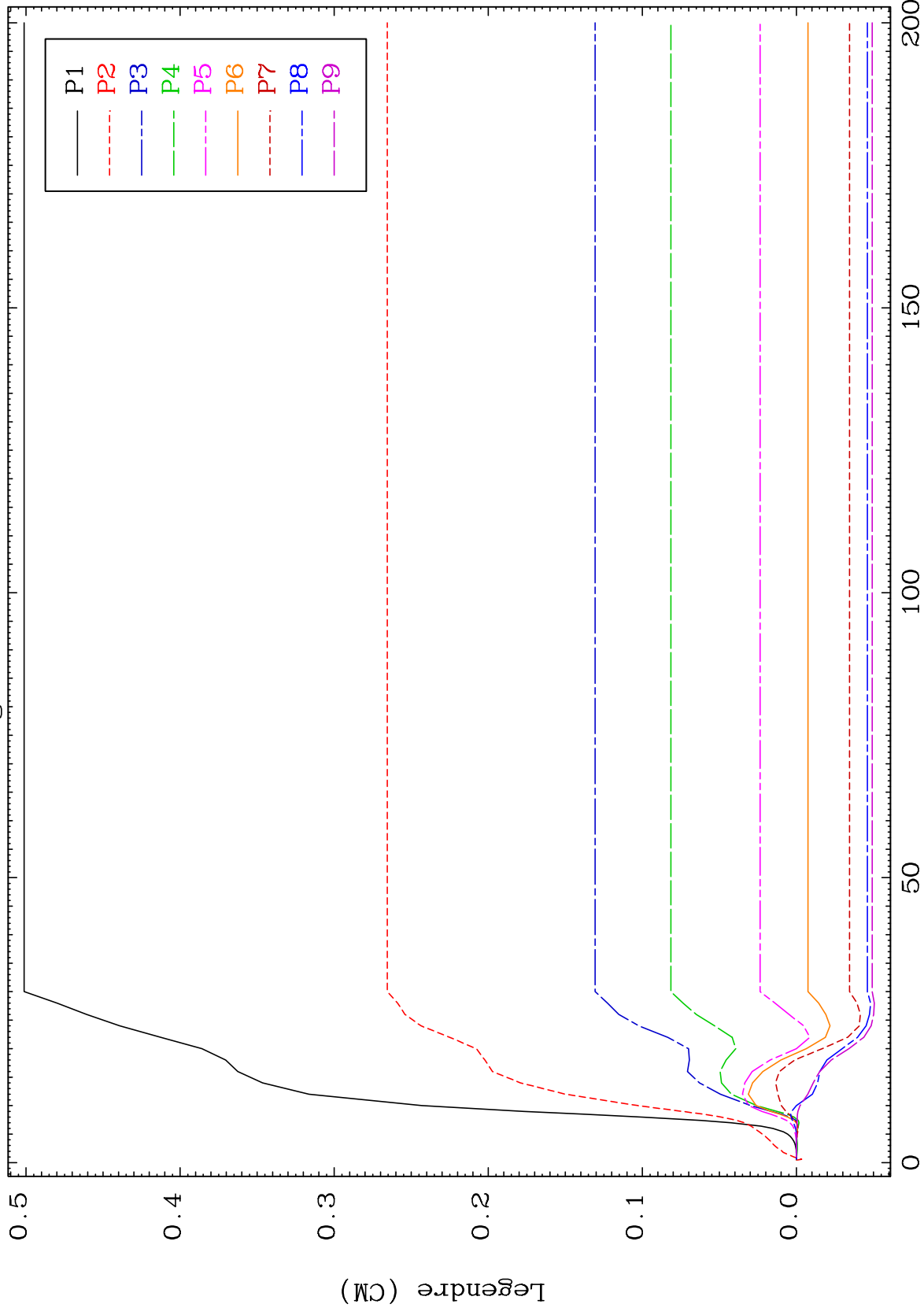
Incident Energy (MeV)

22

MAT 4428

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

44-Ru-97



23

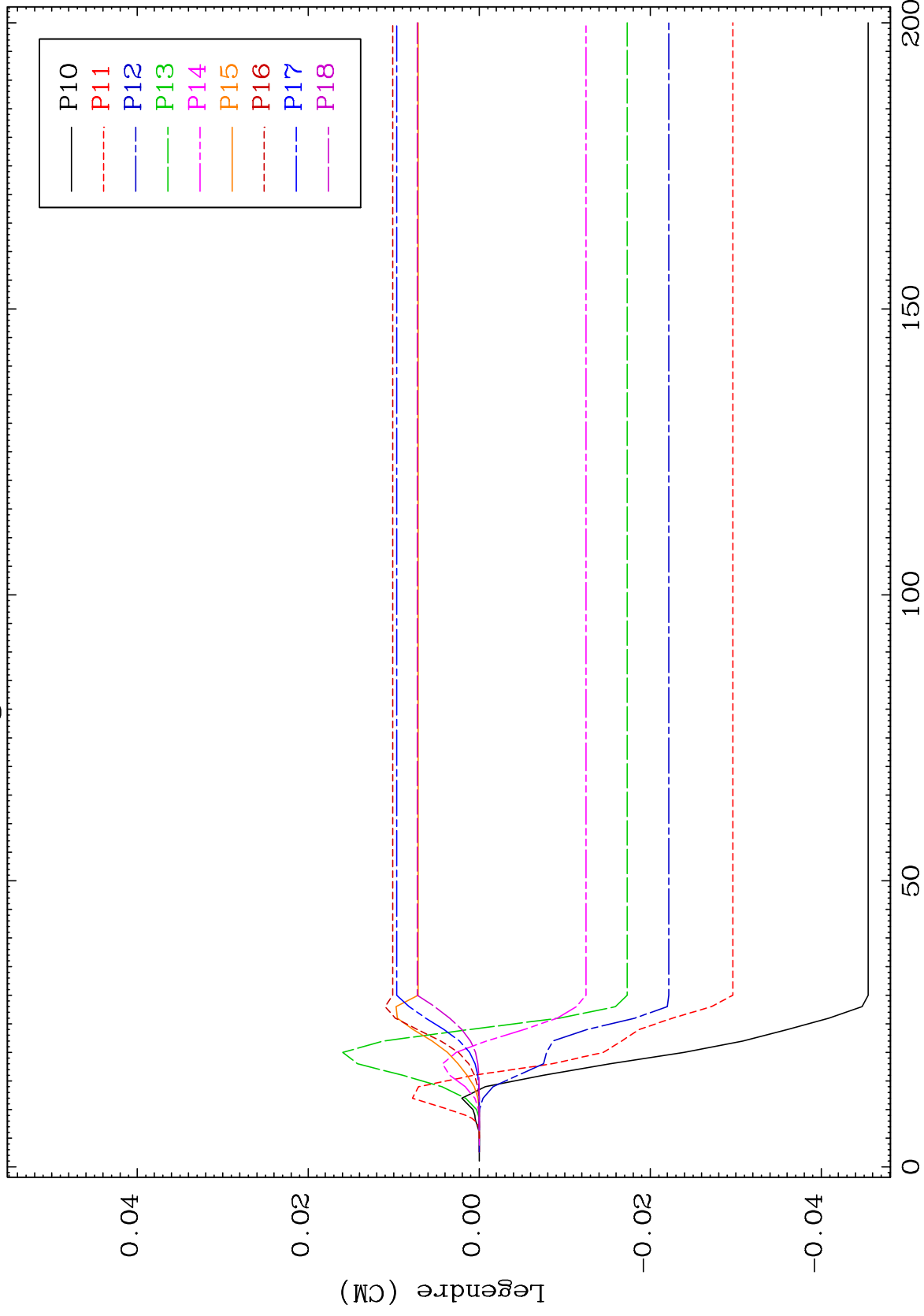
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



24

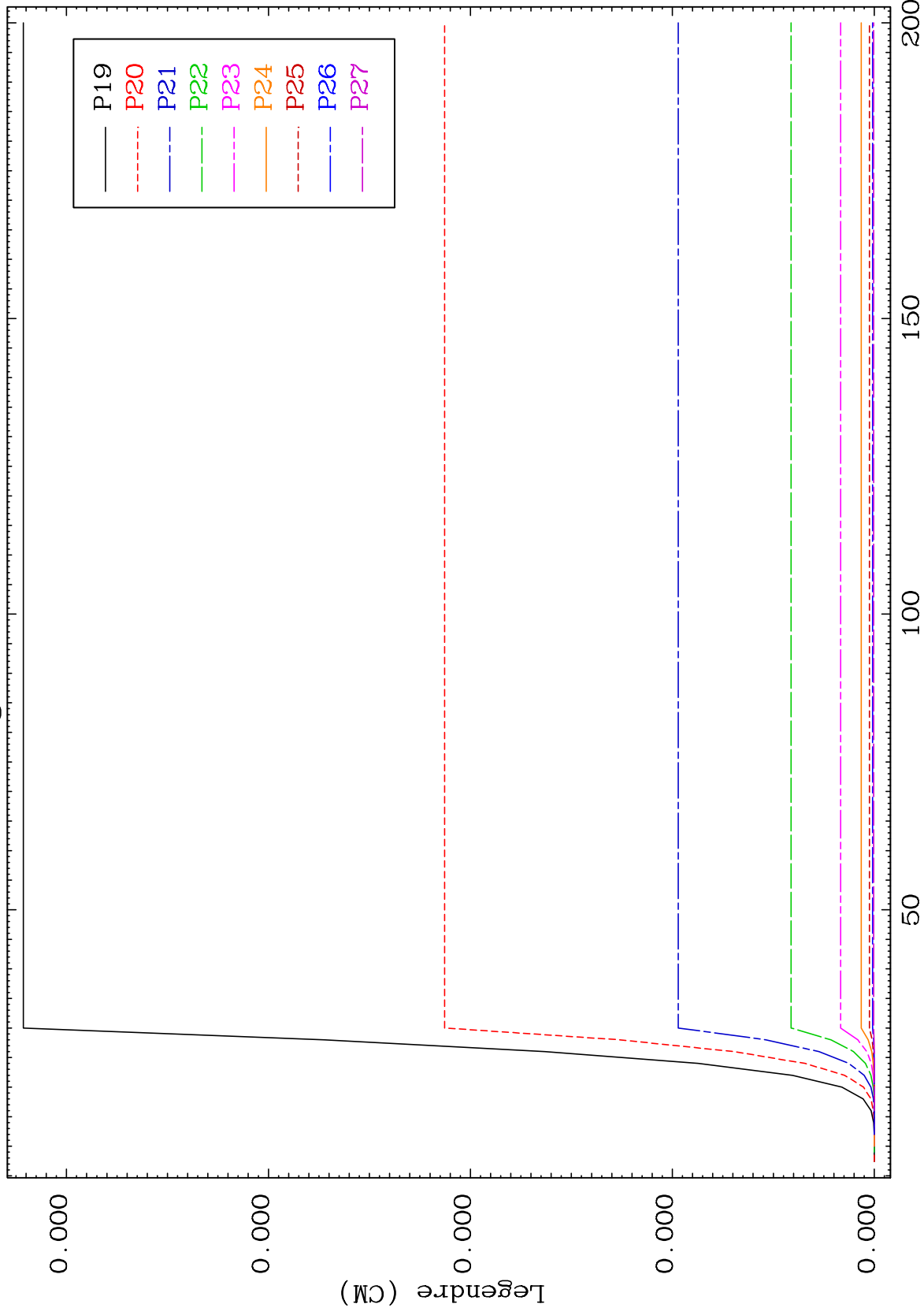
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



25

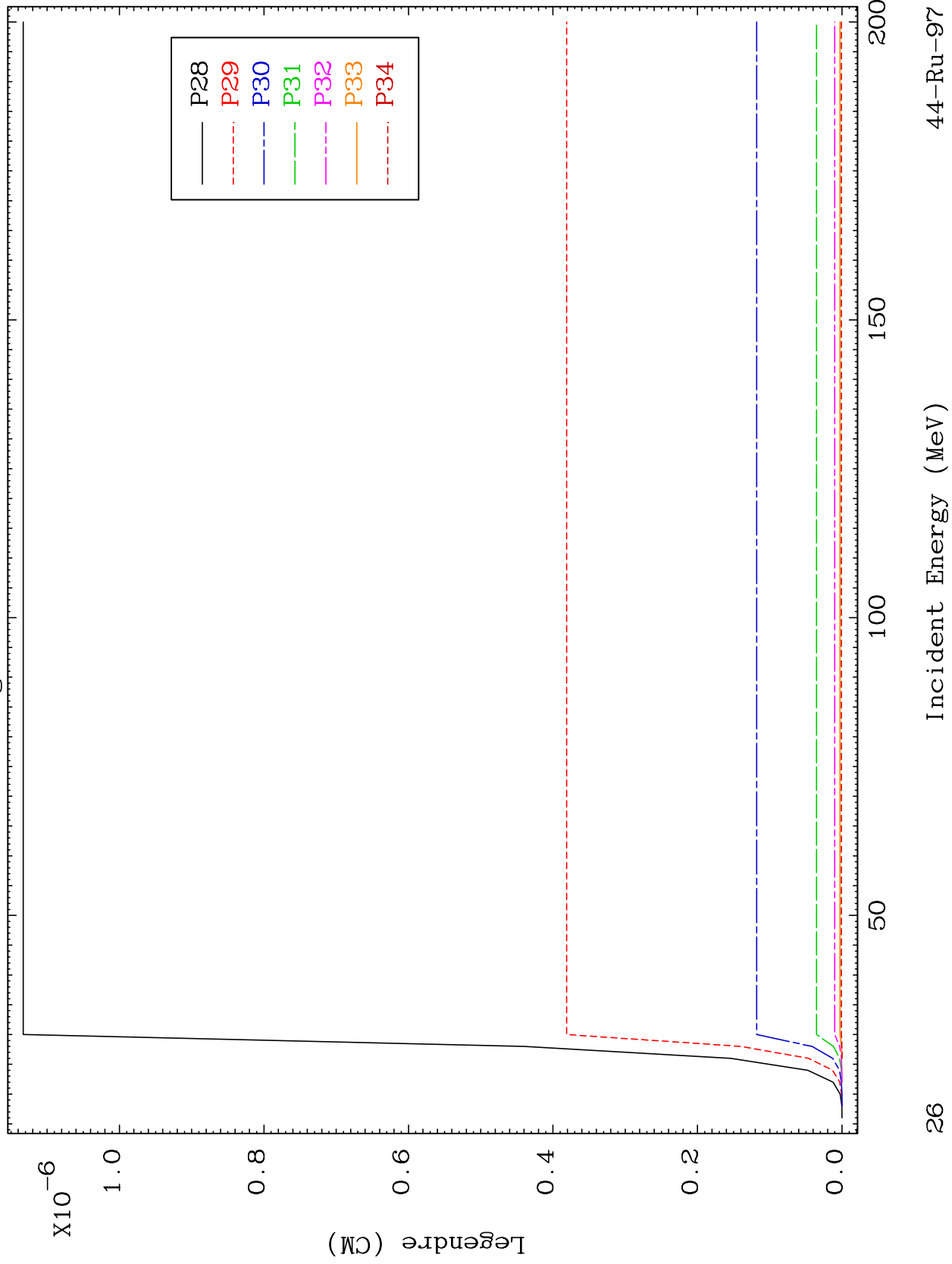
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97

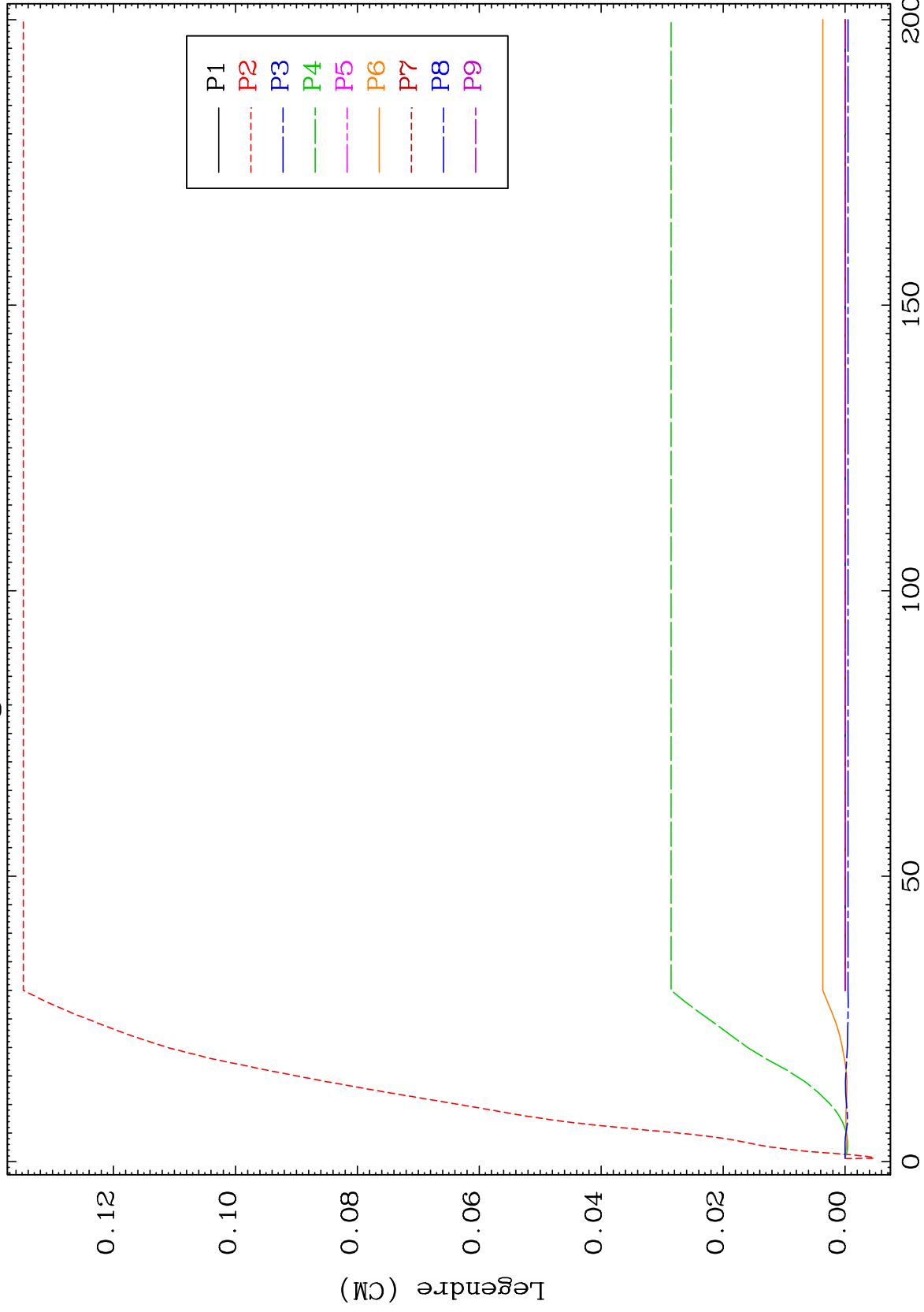


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MAT 4428

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

44-Ru-97



27

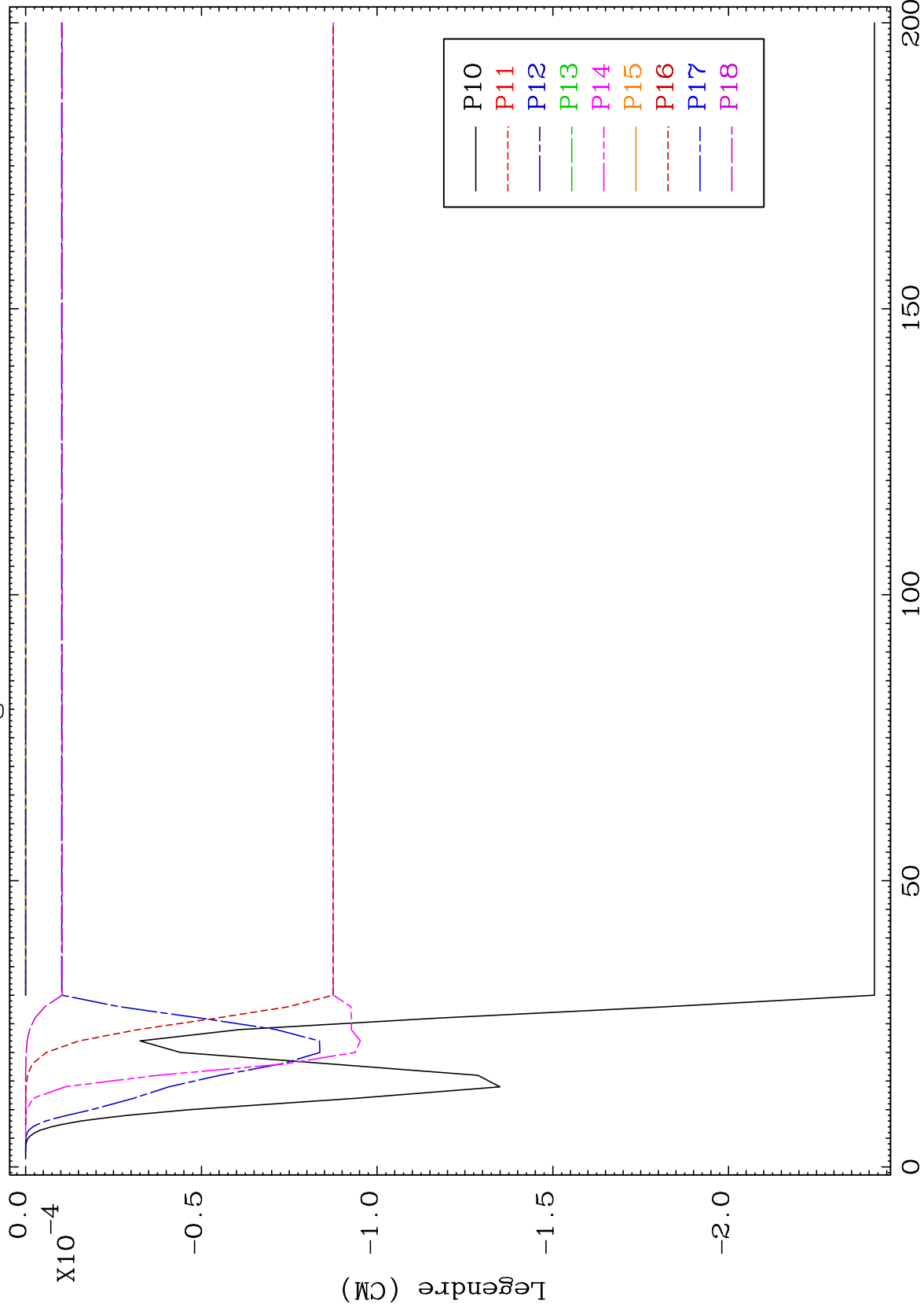
Incident Energy (MeV)

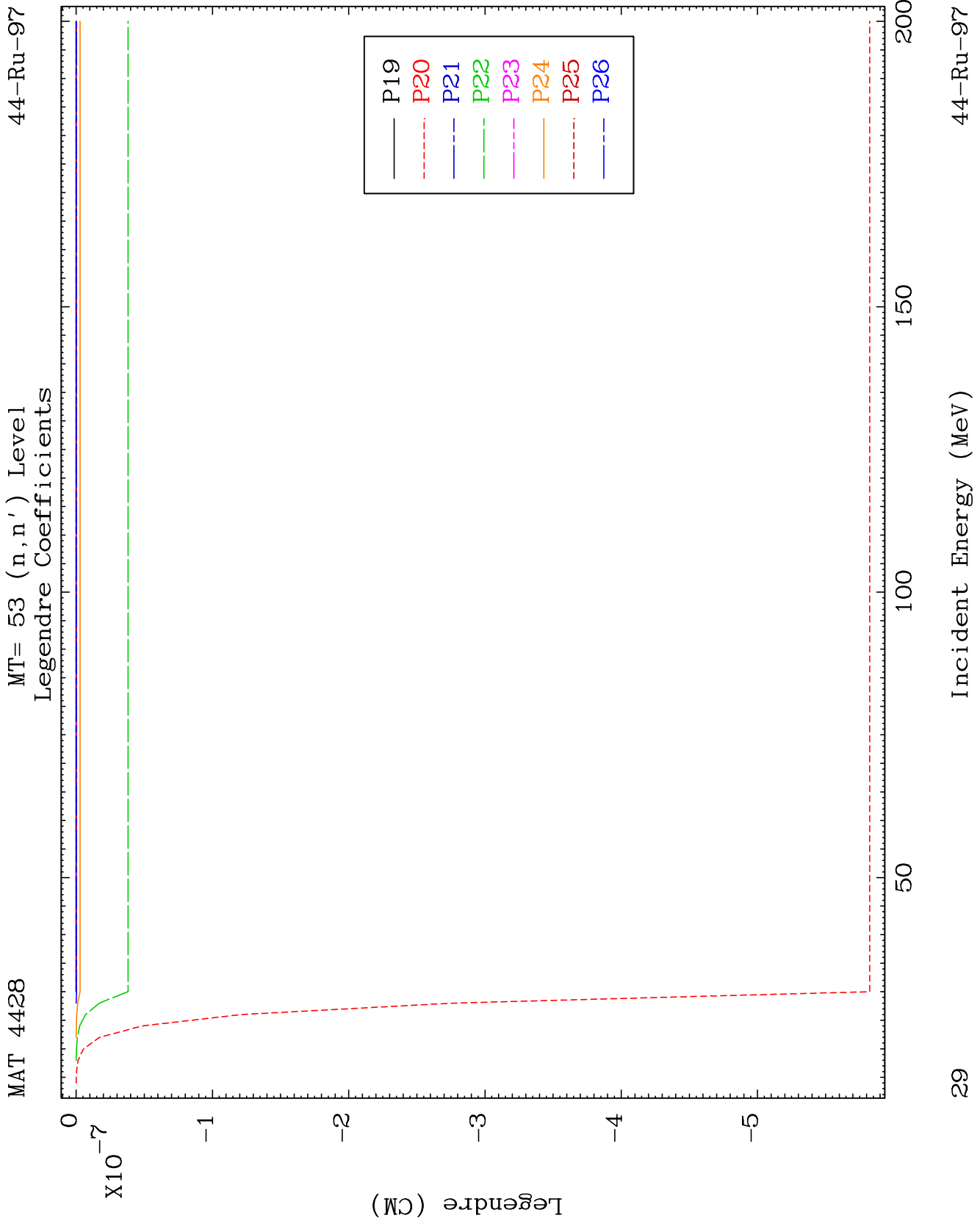
44-Ru-97

MAT 4428

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

44-Ru-97



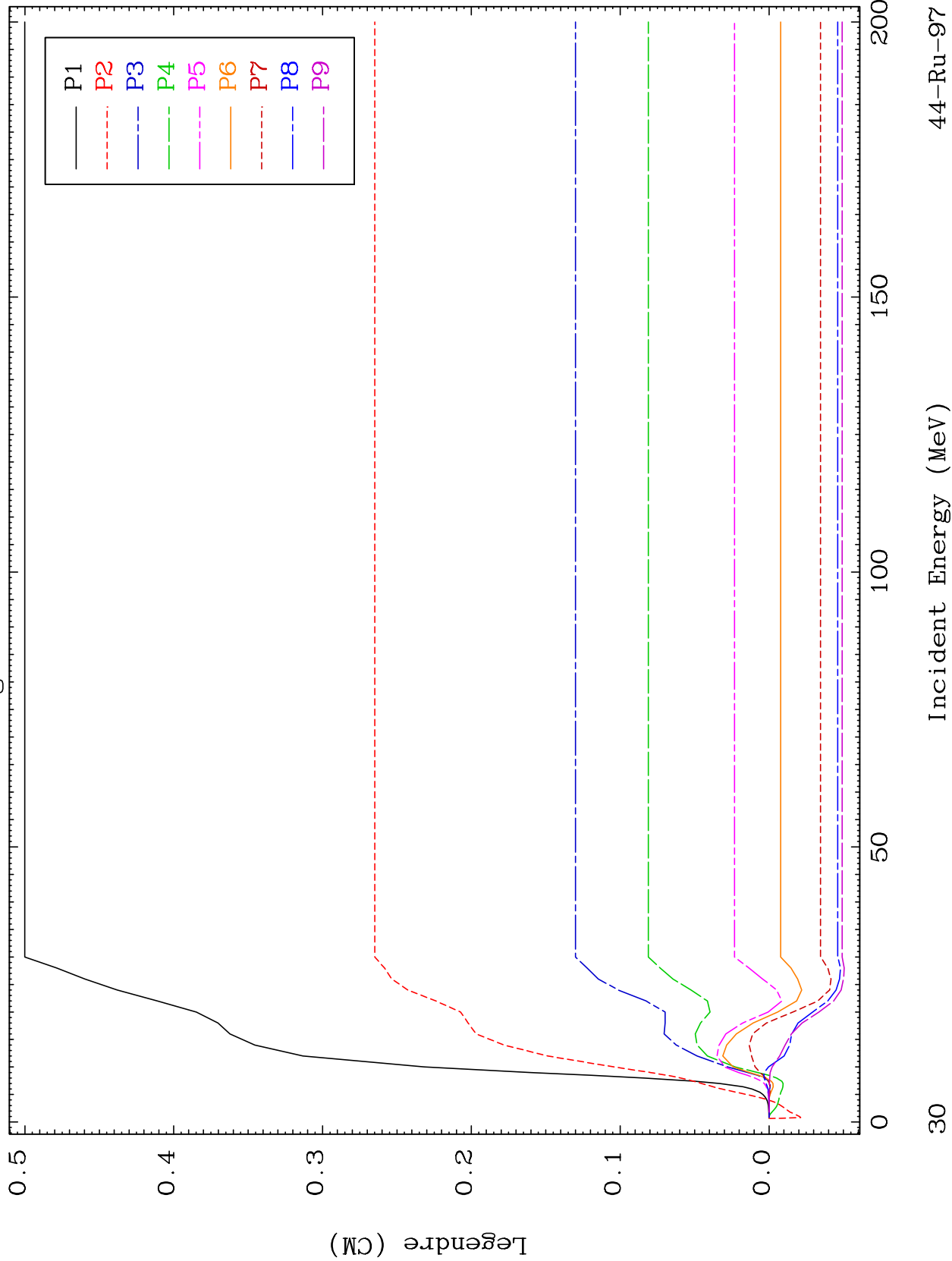


MAT 4428

MT= 54 (n,n') Level

44-Ru-97

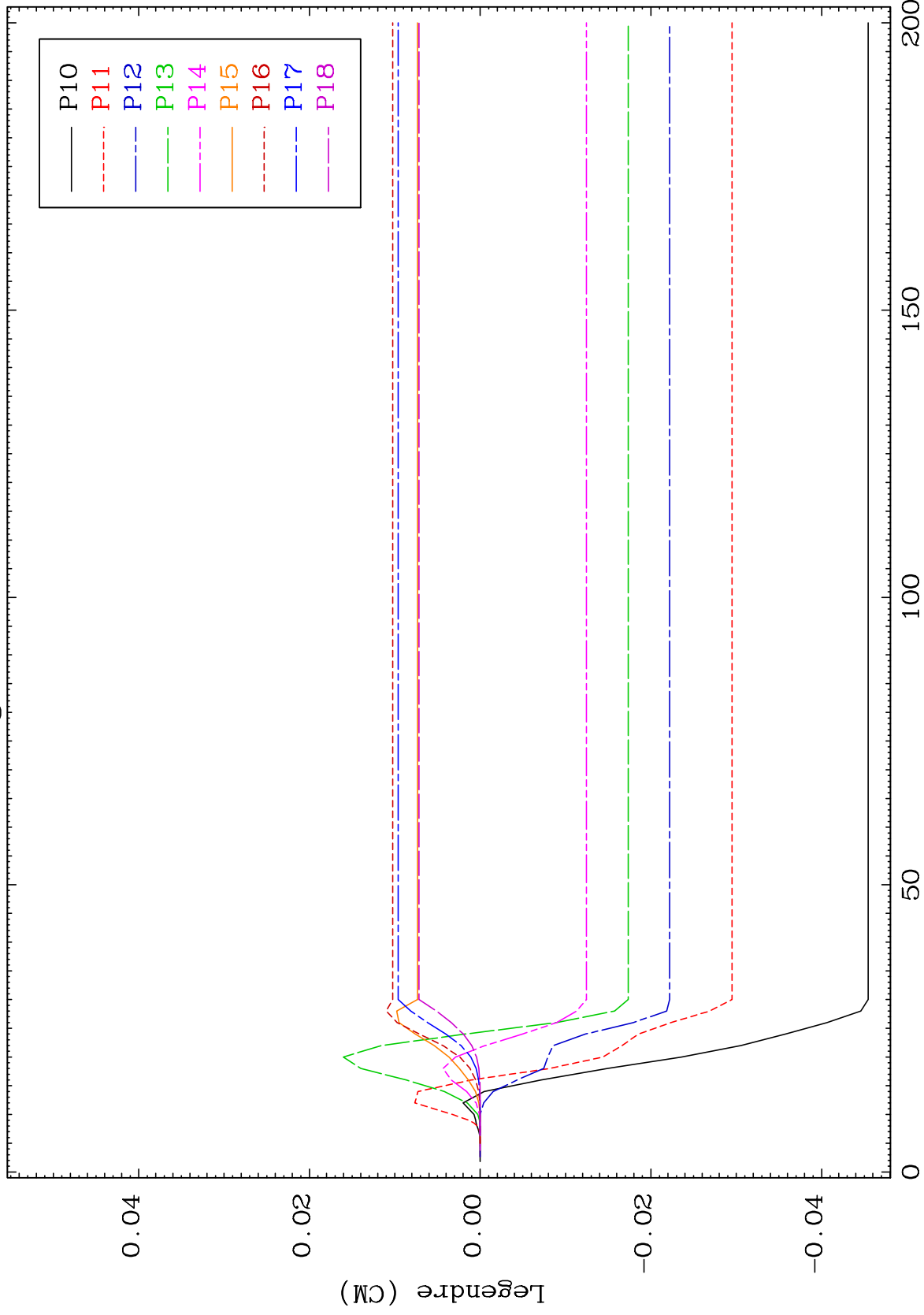
Legendre Coefficients



MAT 4428

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

44-Ru-97



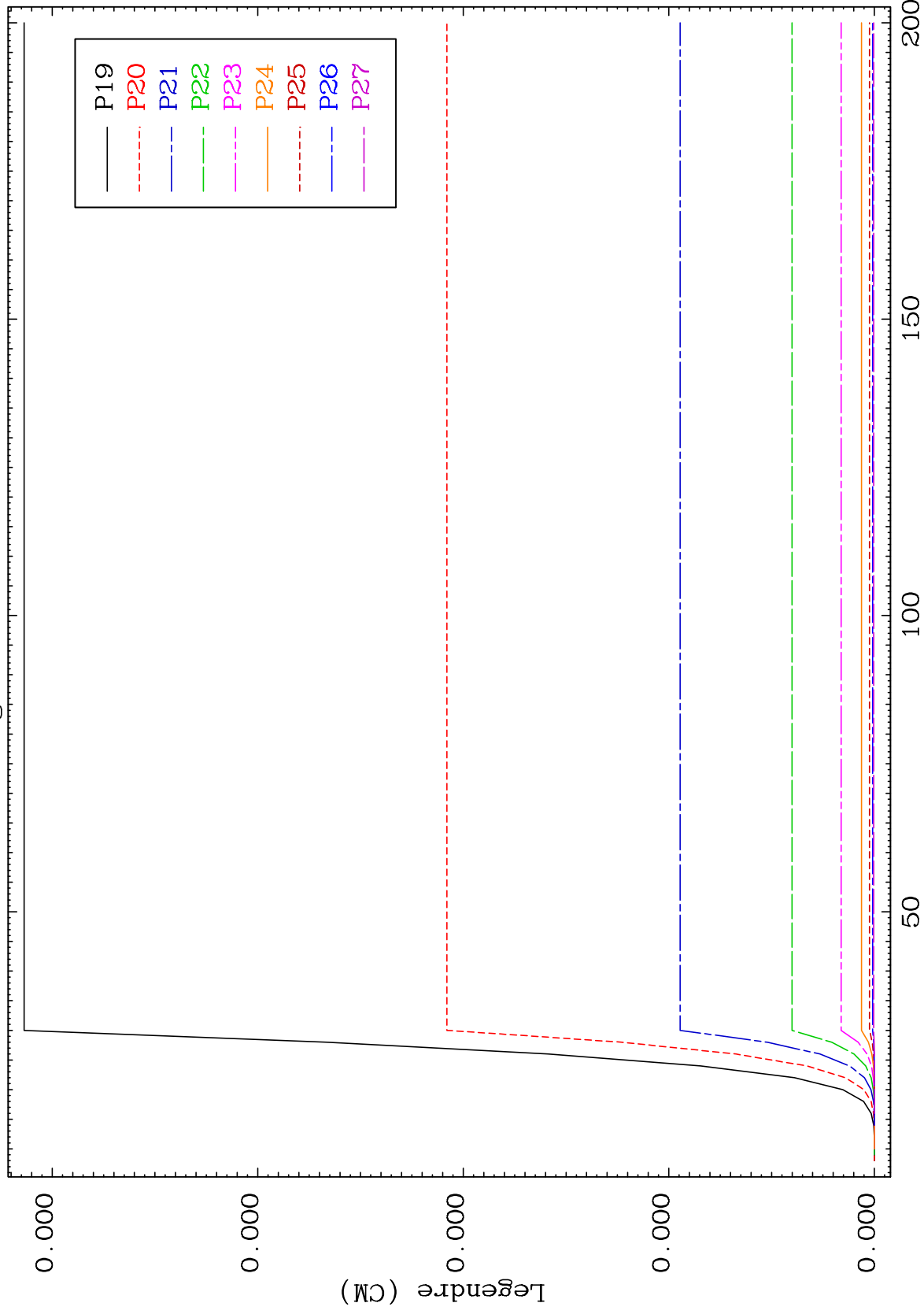
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44-Ru-97

MAT 4428

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

44-Ru-97



32

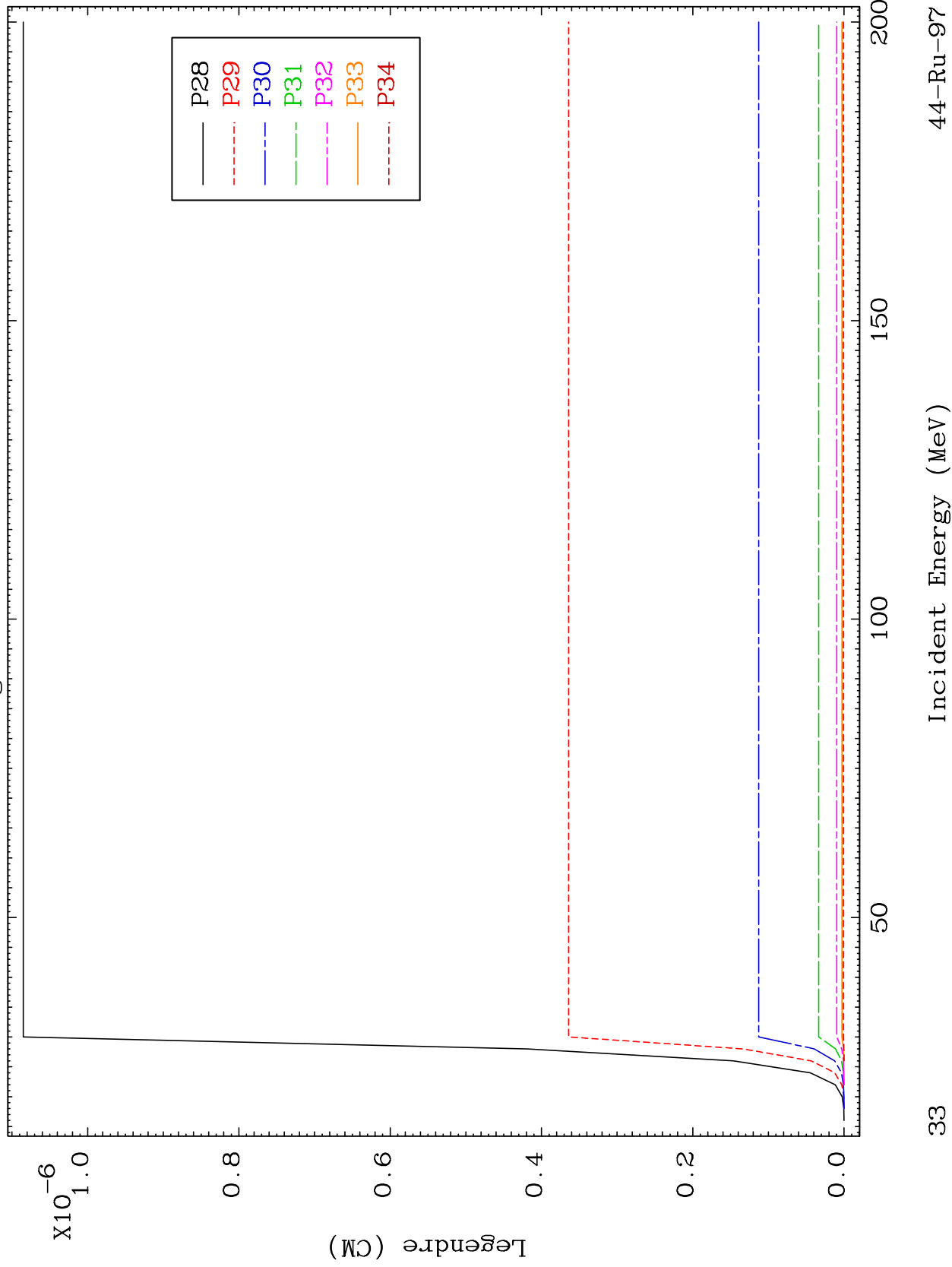
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

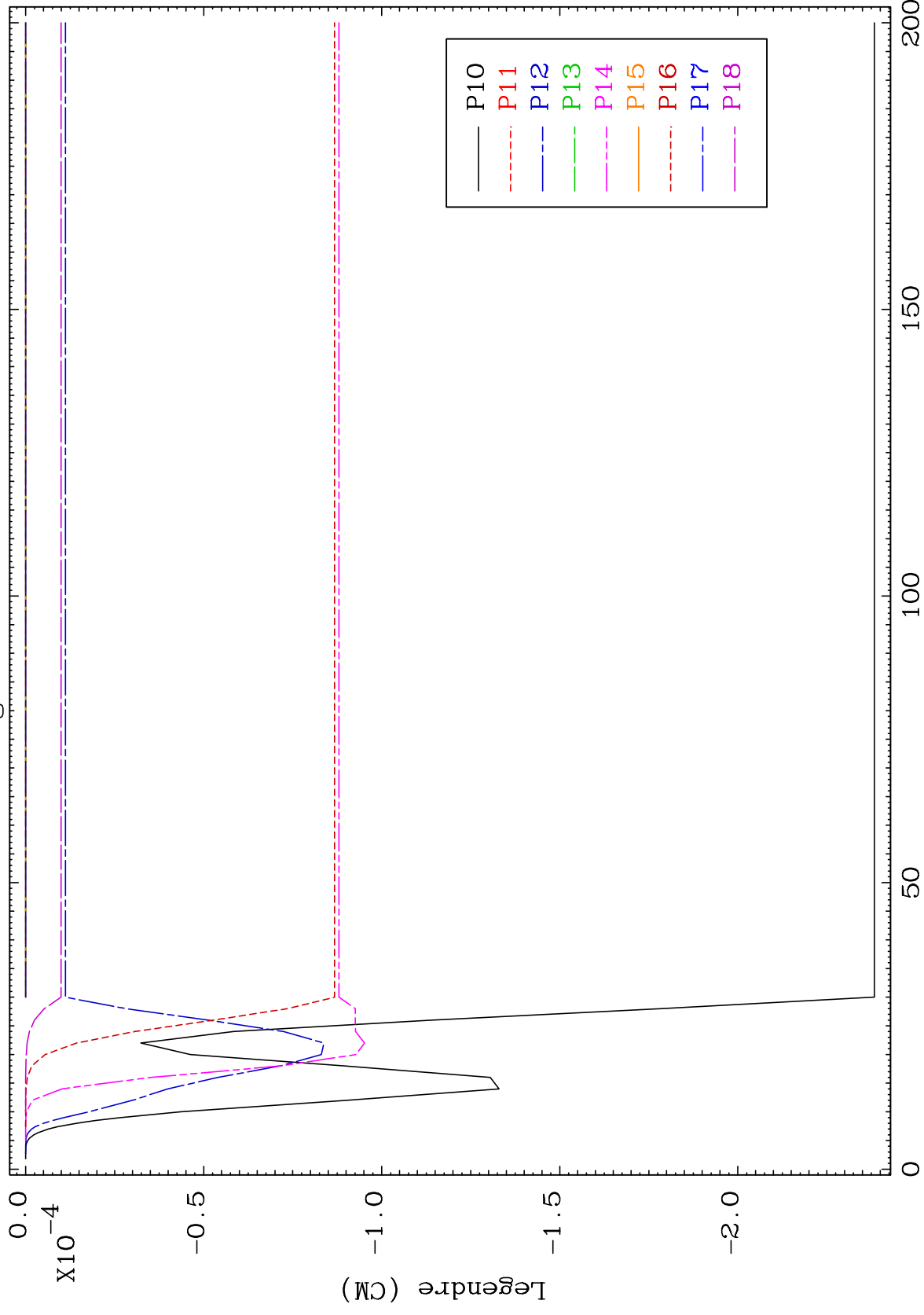
44-Ru-97



MAT 4428

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

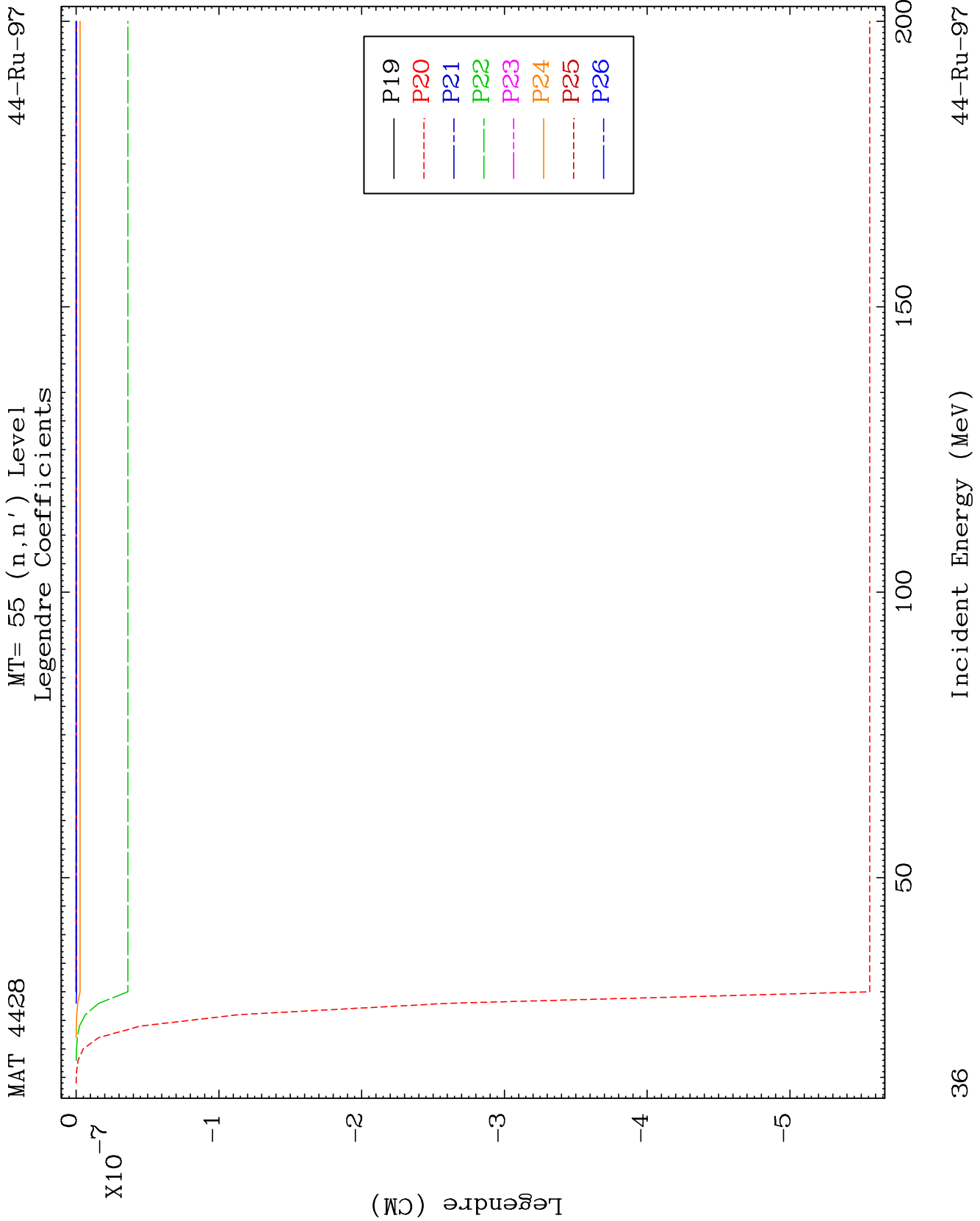
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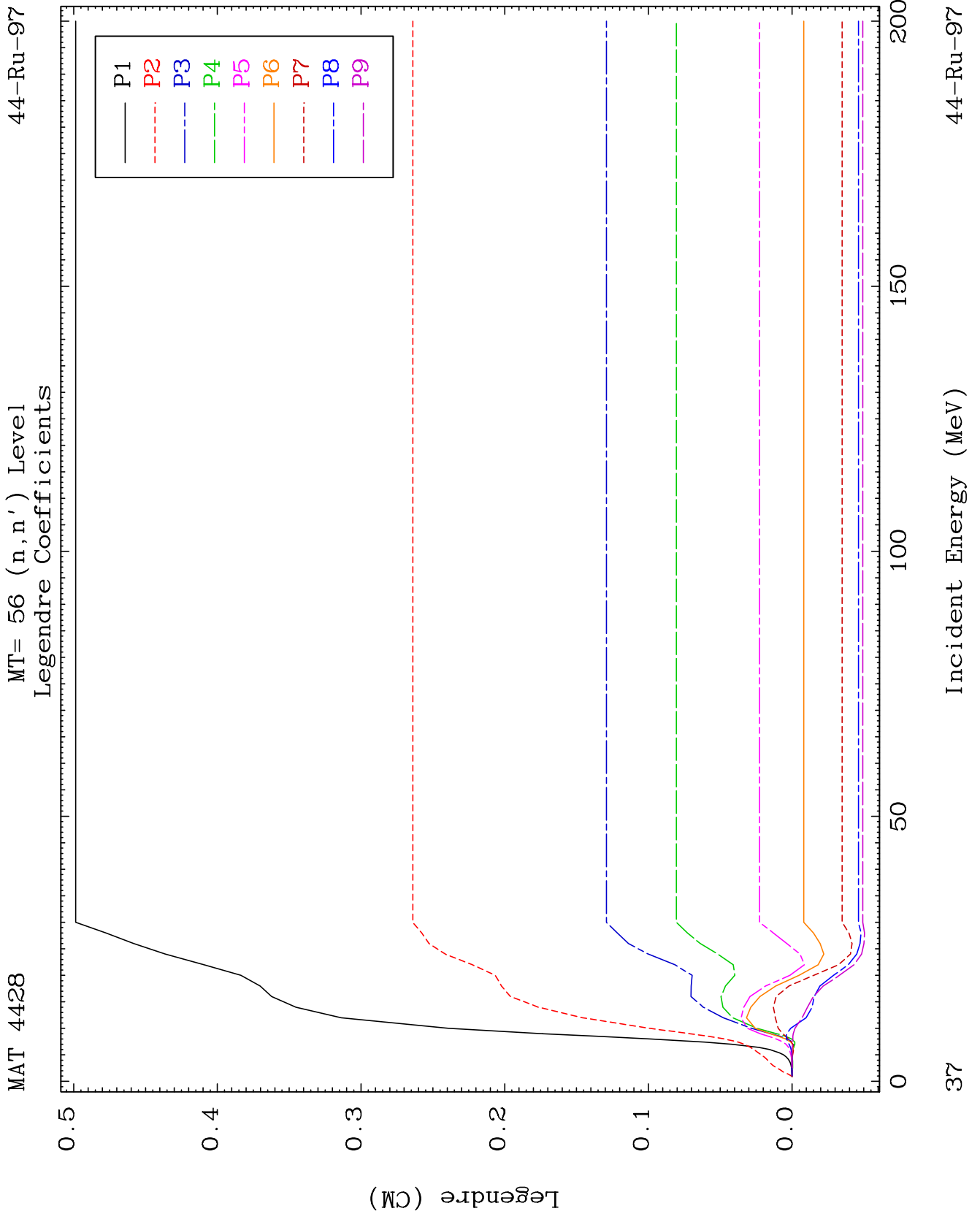


35

Incident Energy (MeV)

44-Ru-97

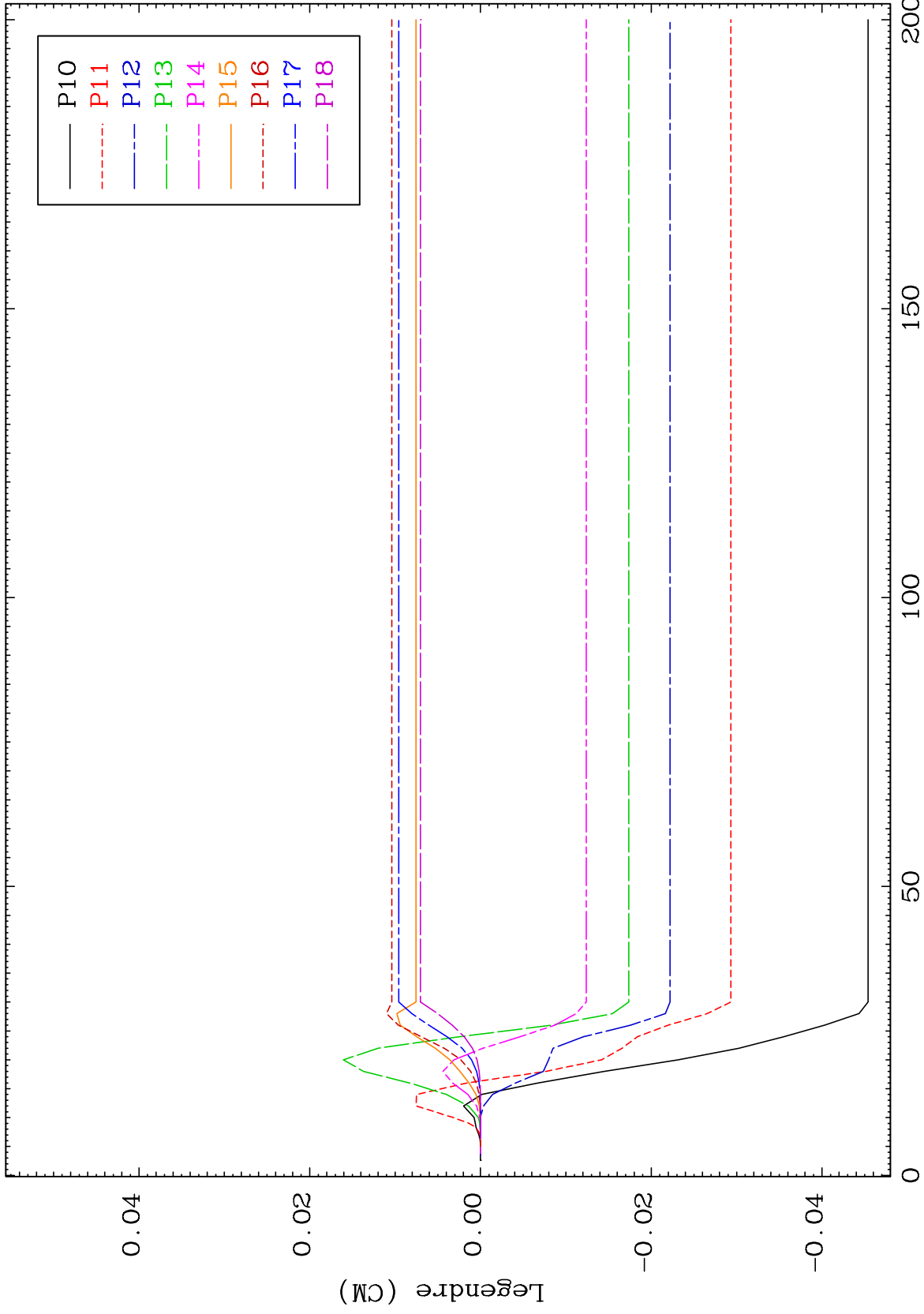




MAT 4428

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

44-Ru-97



38

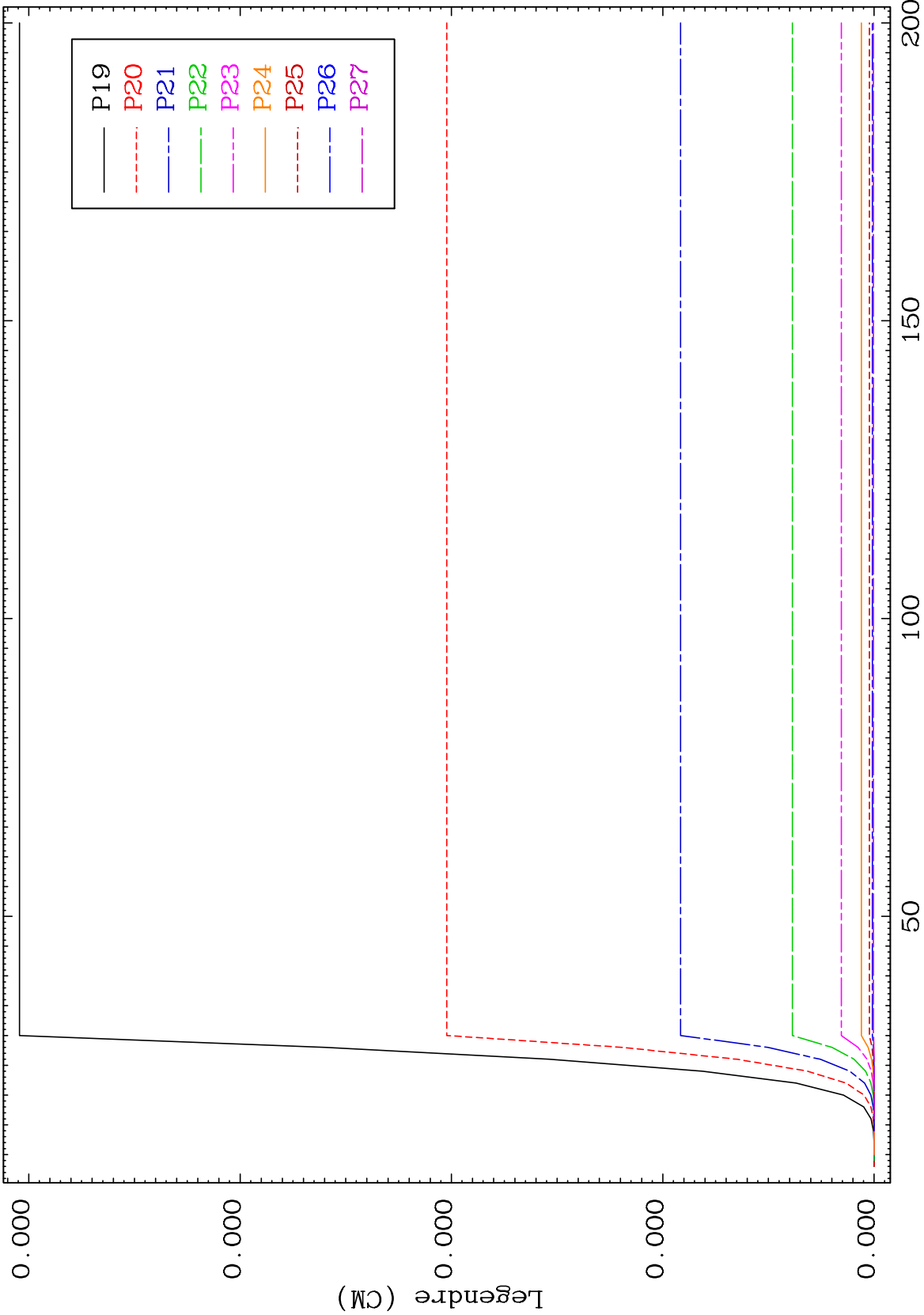
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



39

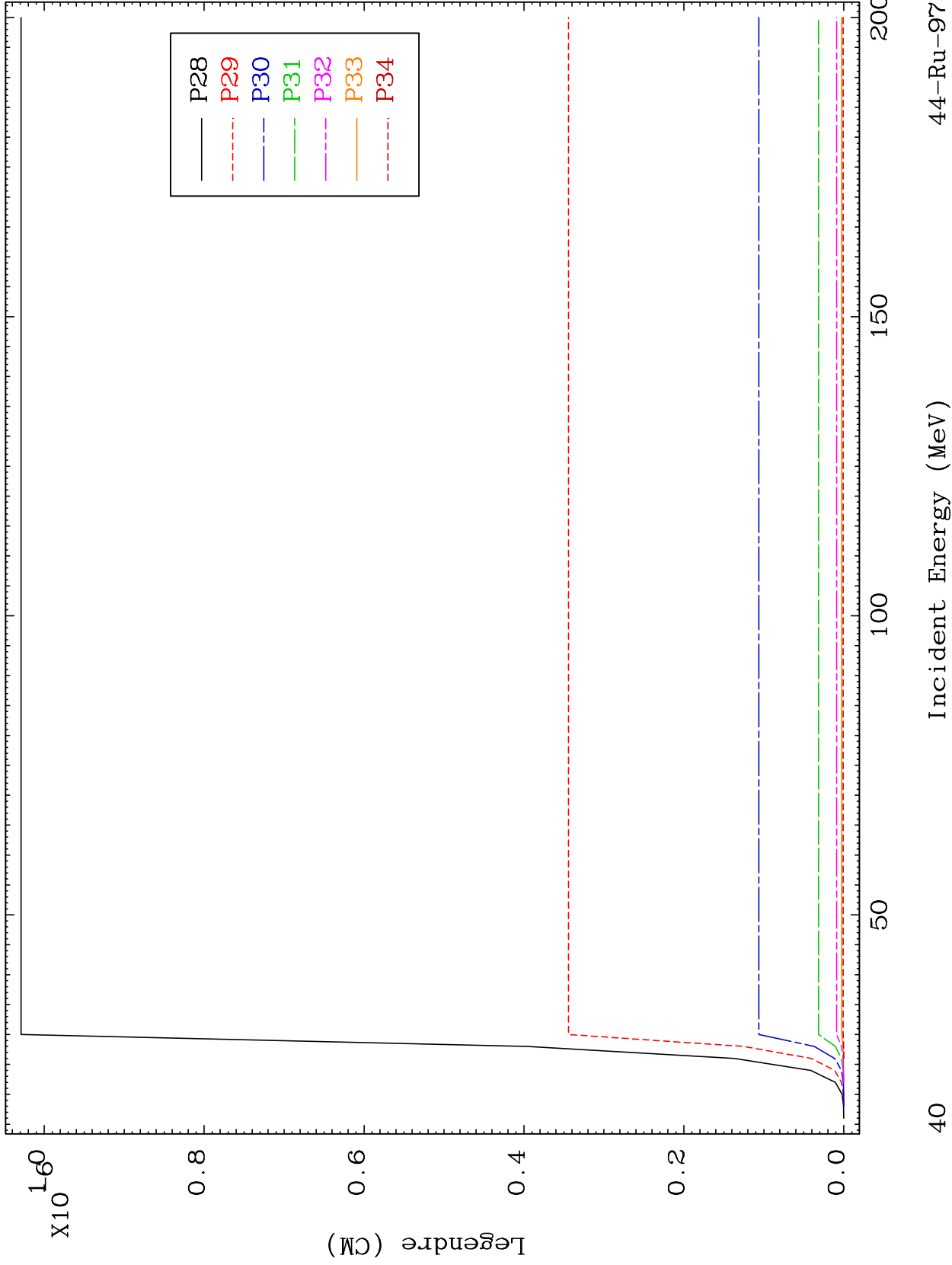
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

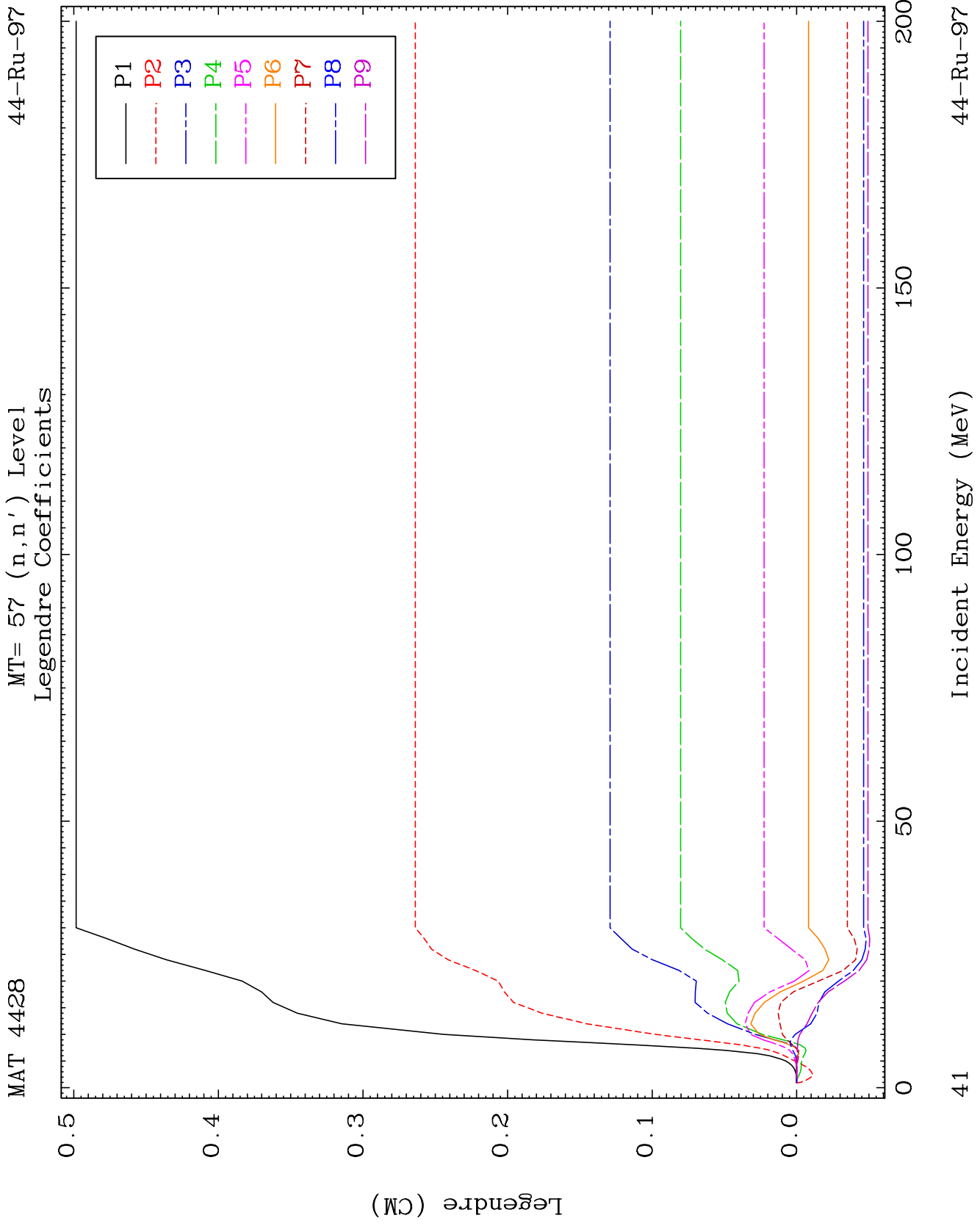
44-Ru-97



44-Ru-97

Incident Energy (MeV)

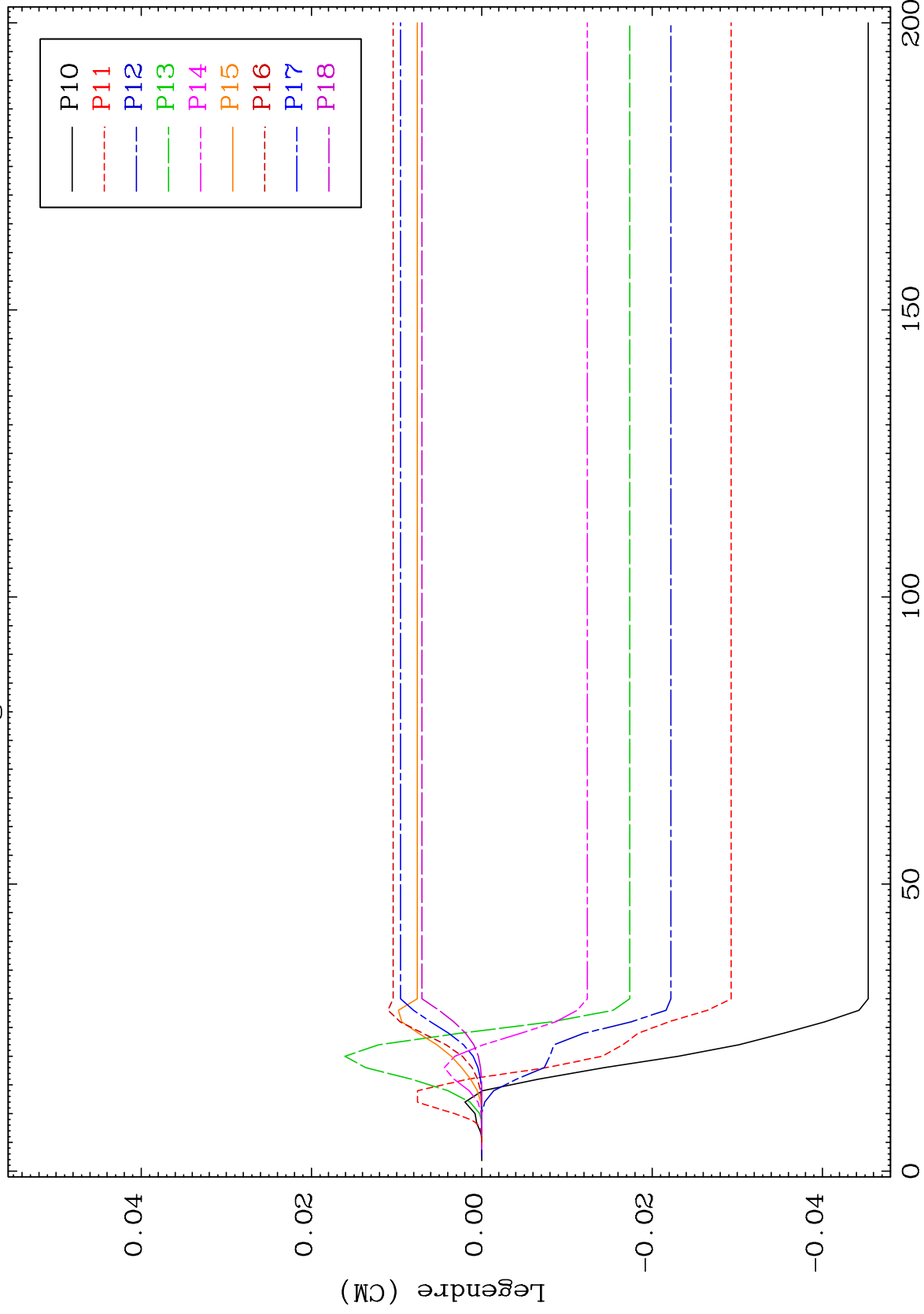
40



MAT 4428

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

44-Ru-97



42

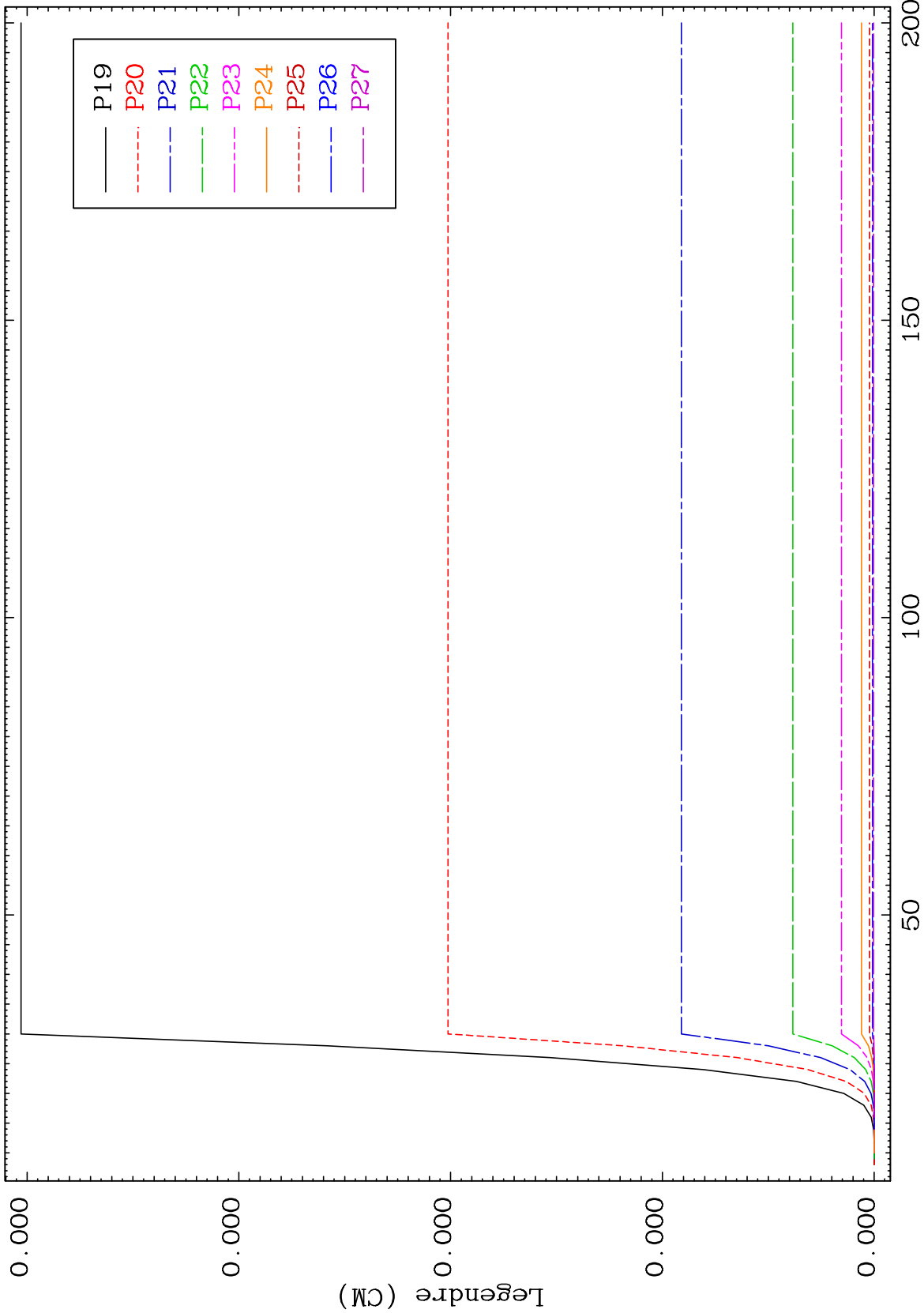
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



43

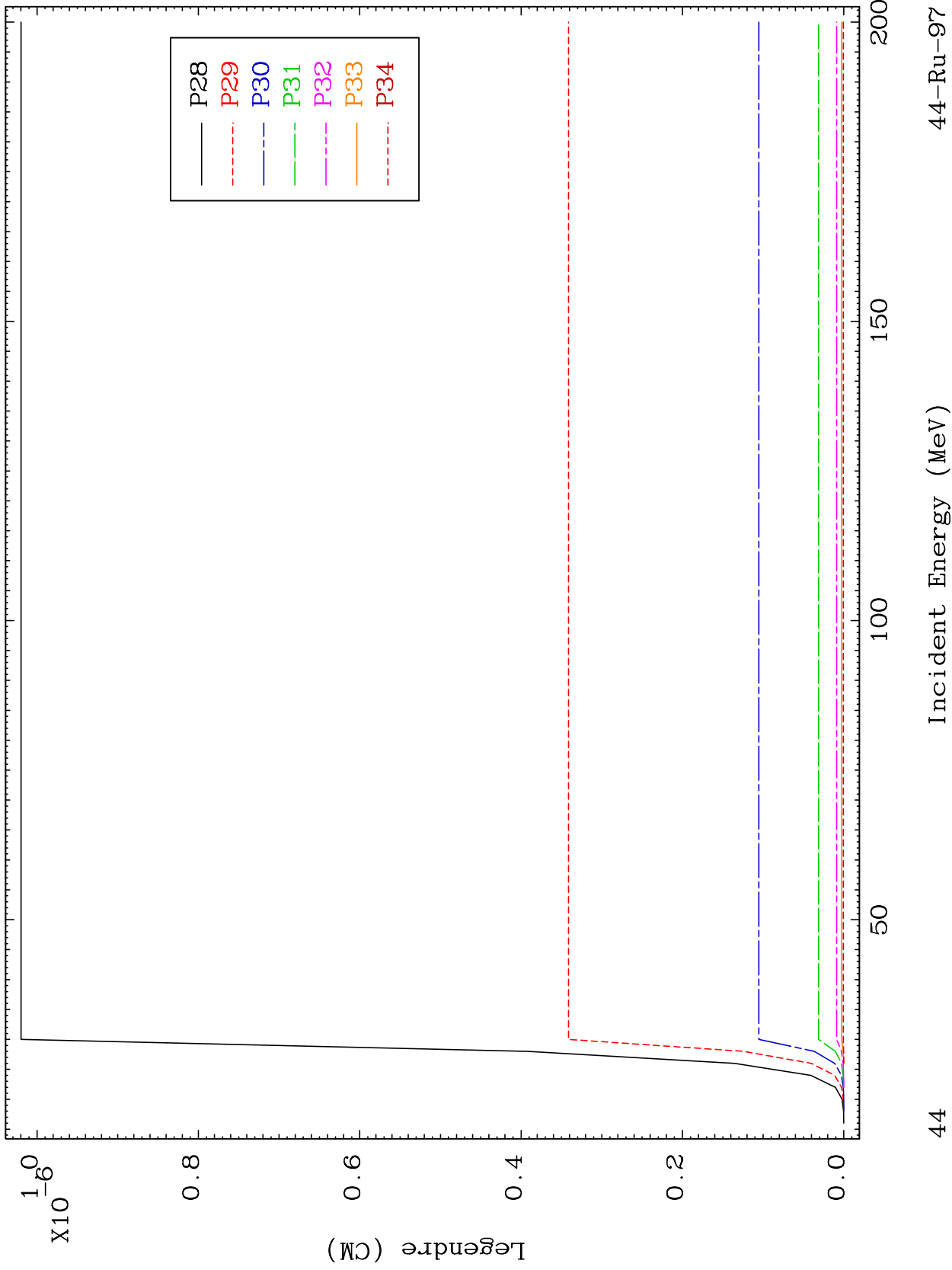
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

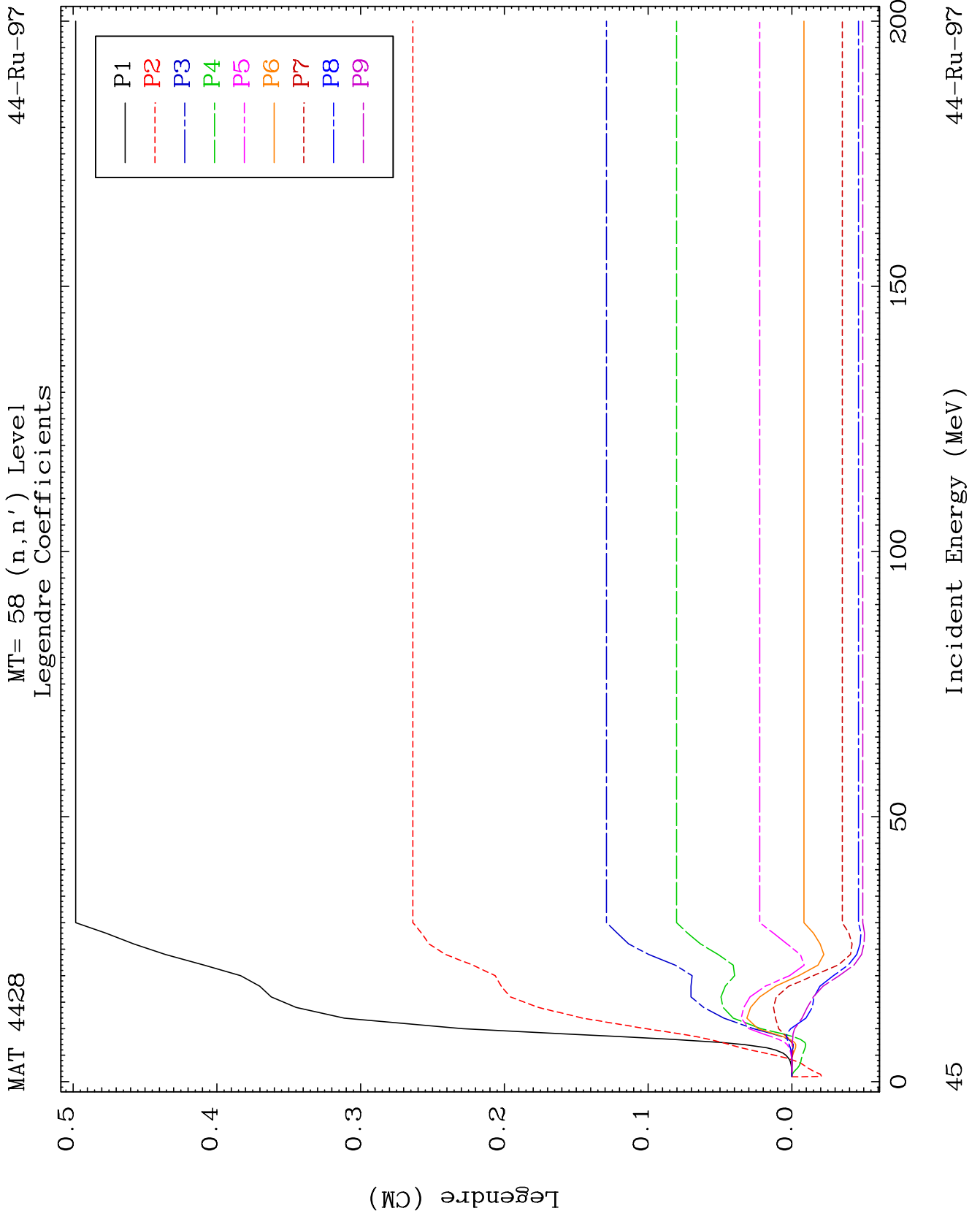
44-Ru-97



44

Incident Energy (MeV)

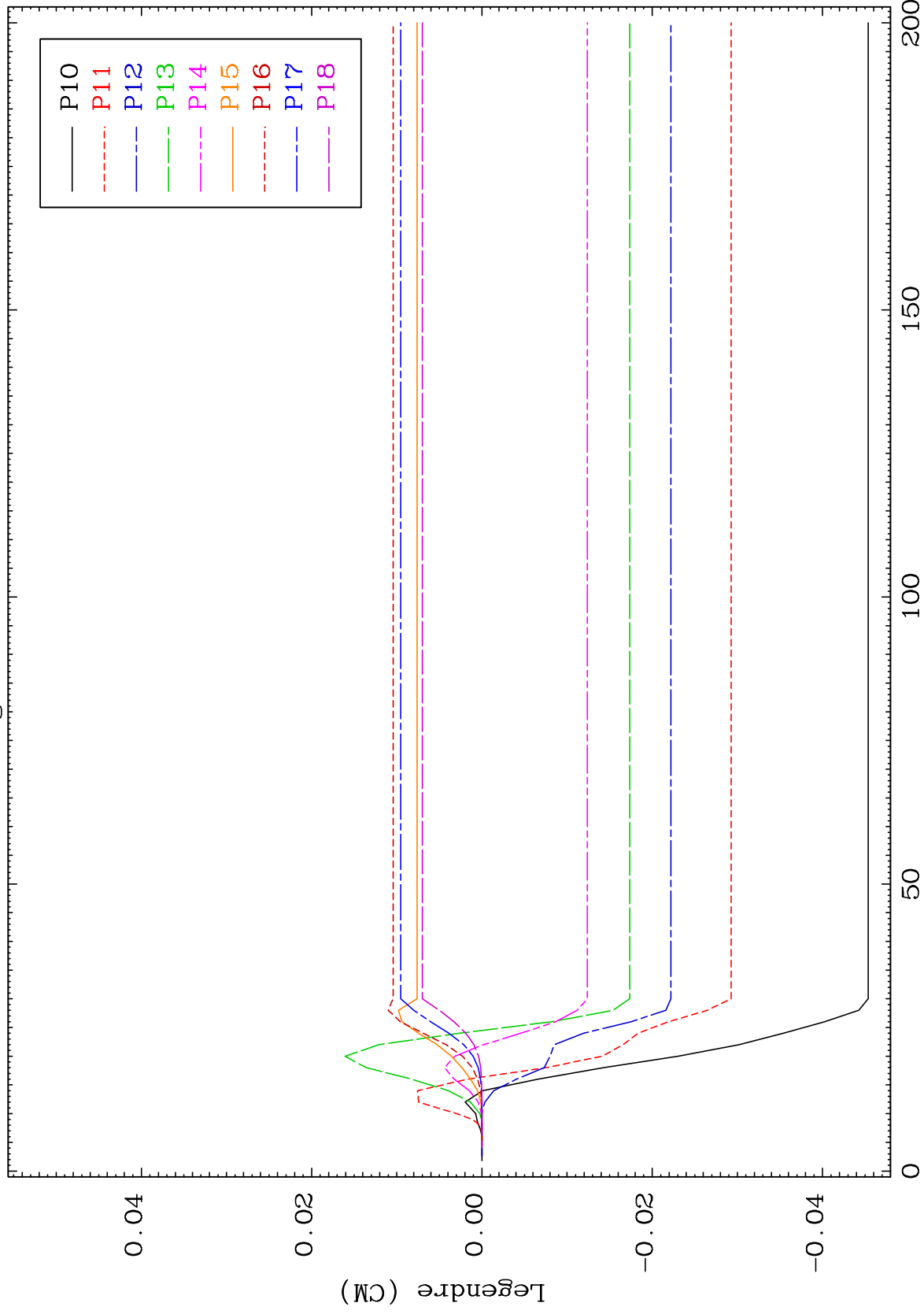
44-Ru-97



MAT 4428

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

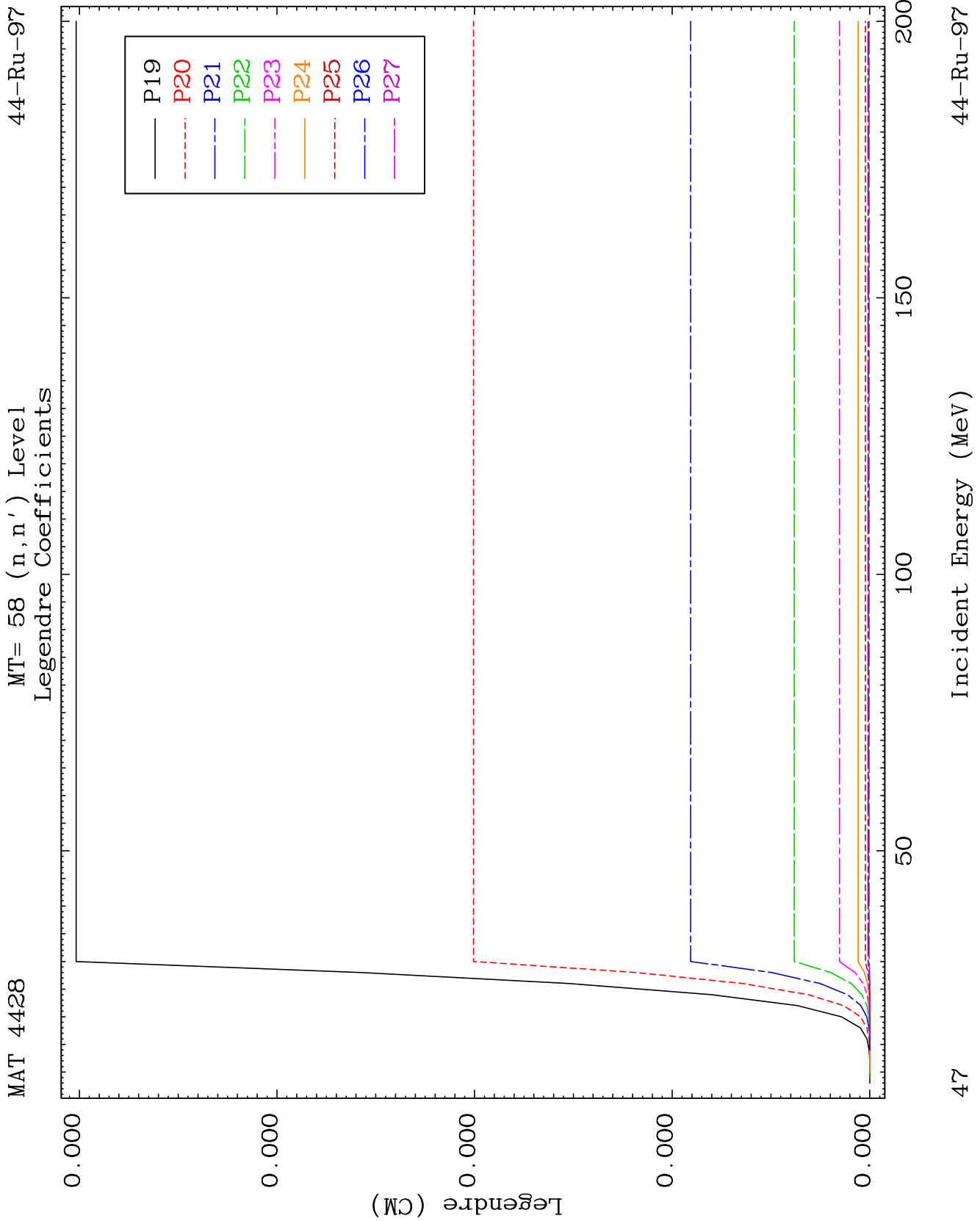
44-Ru-97



46

Incident Energy (MeV)

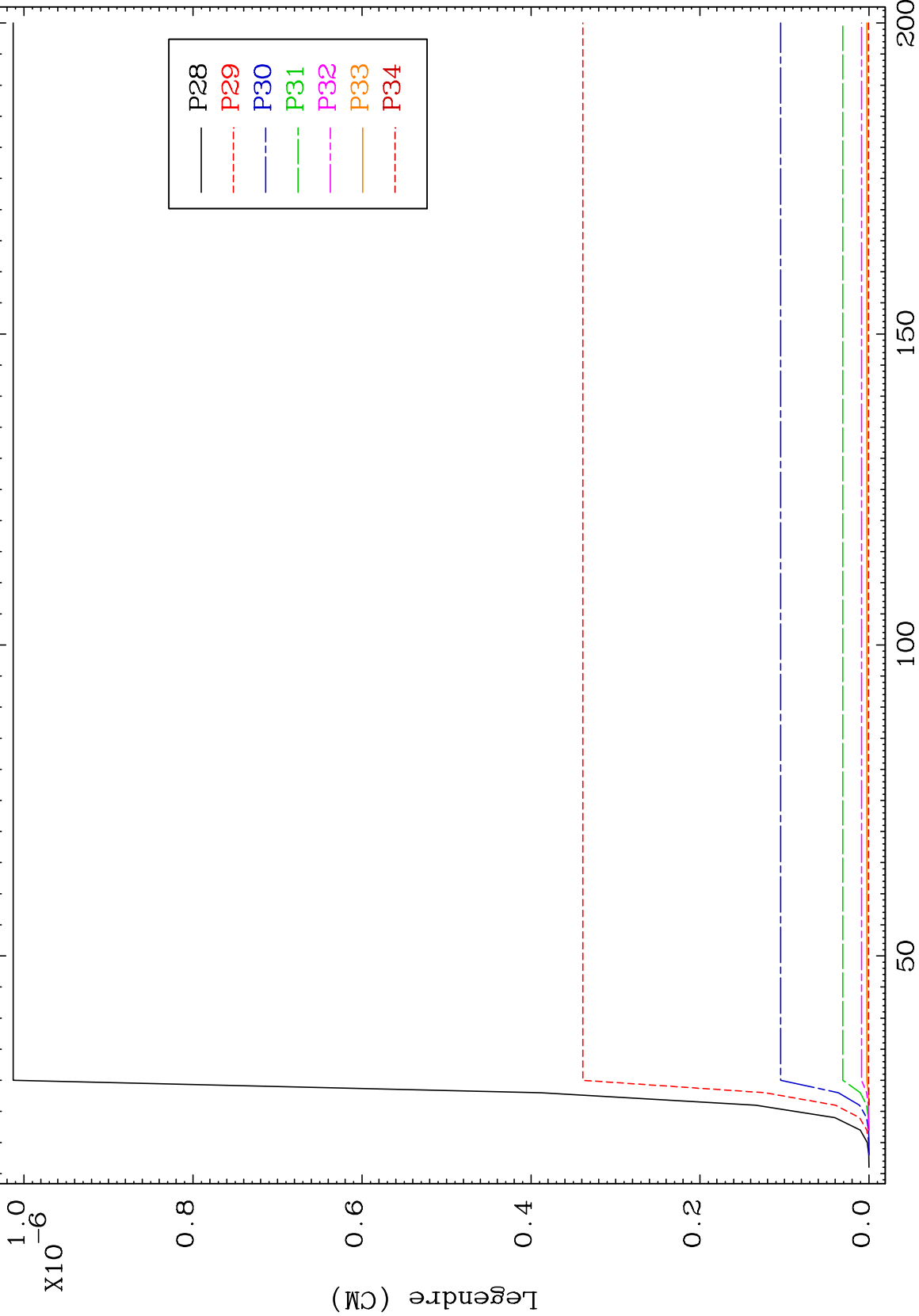
44-Ru-97



MAT 4428

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

44-Ru-97



48

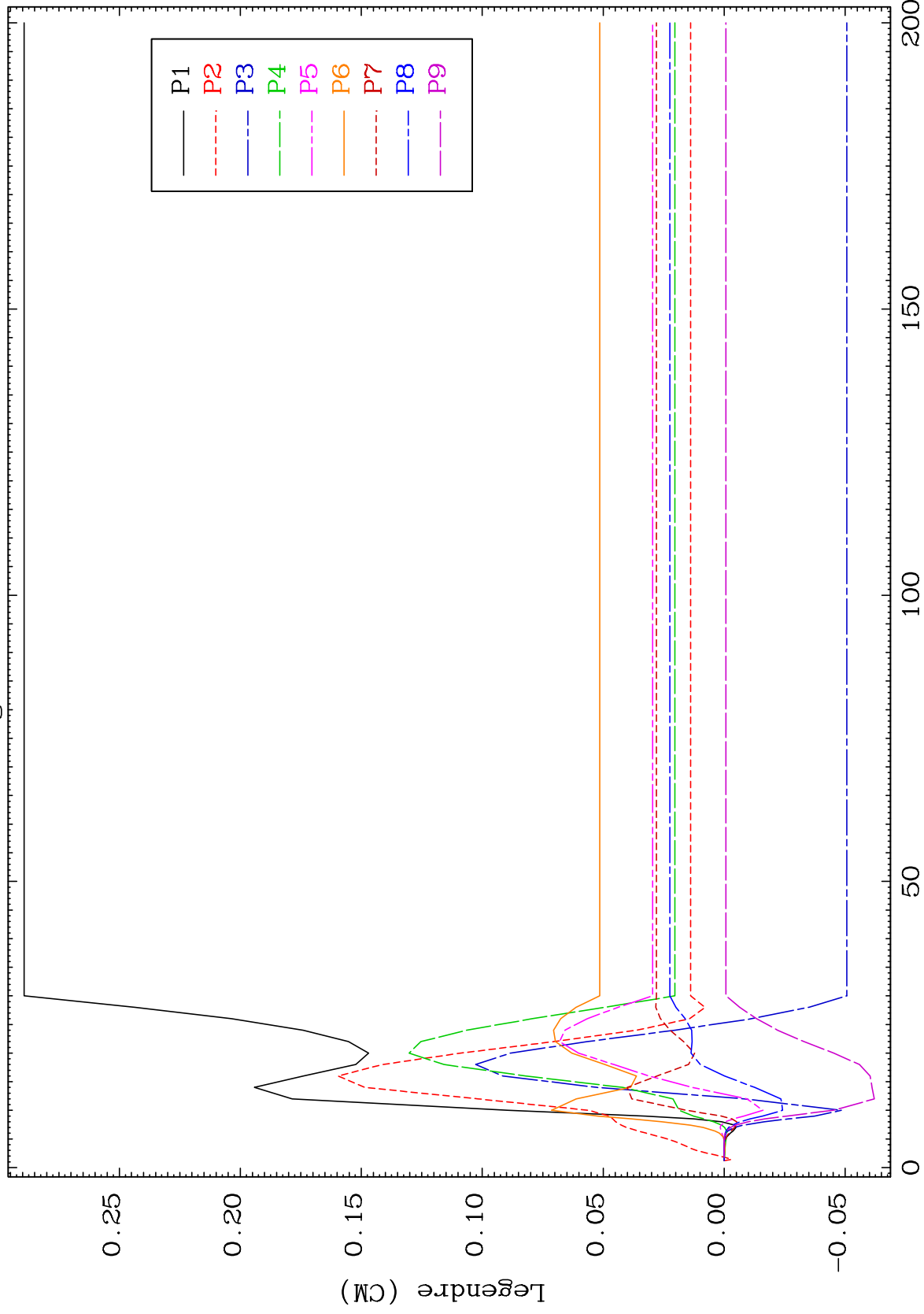
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



49

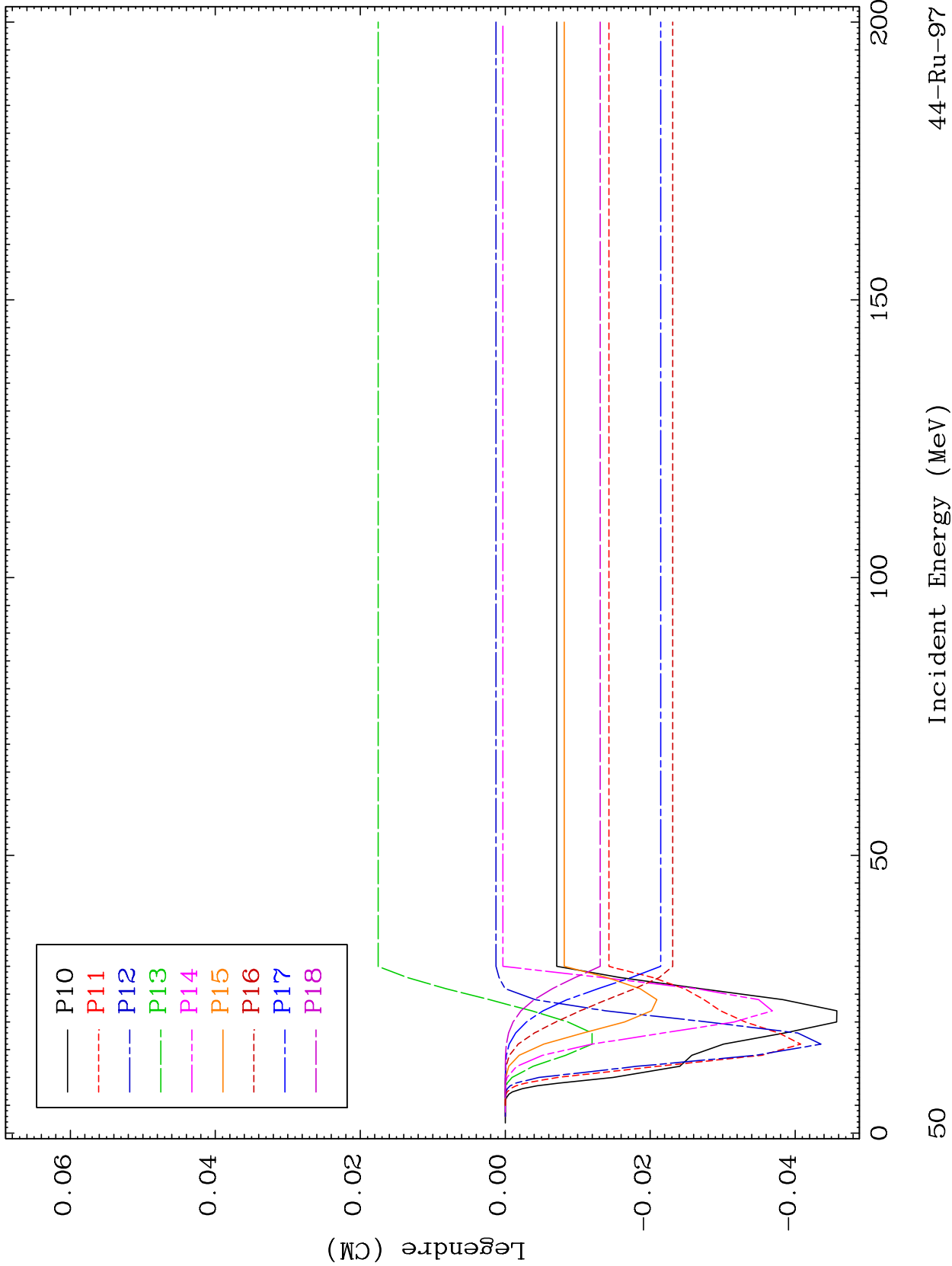
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

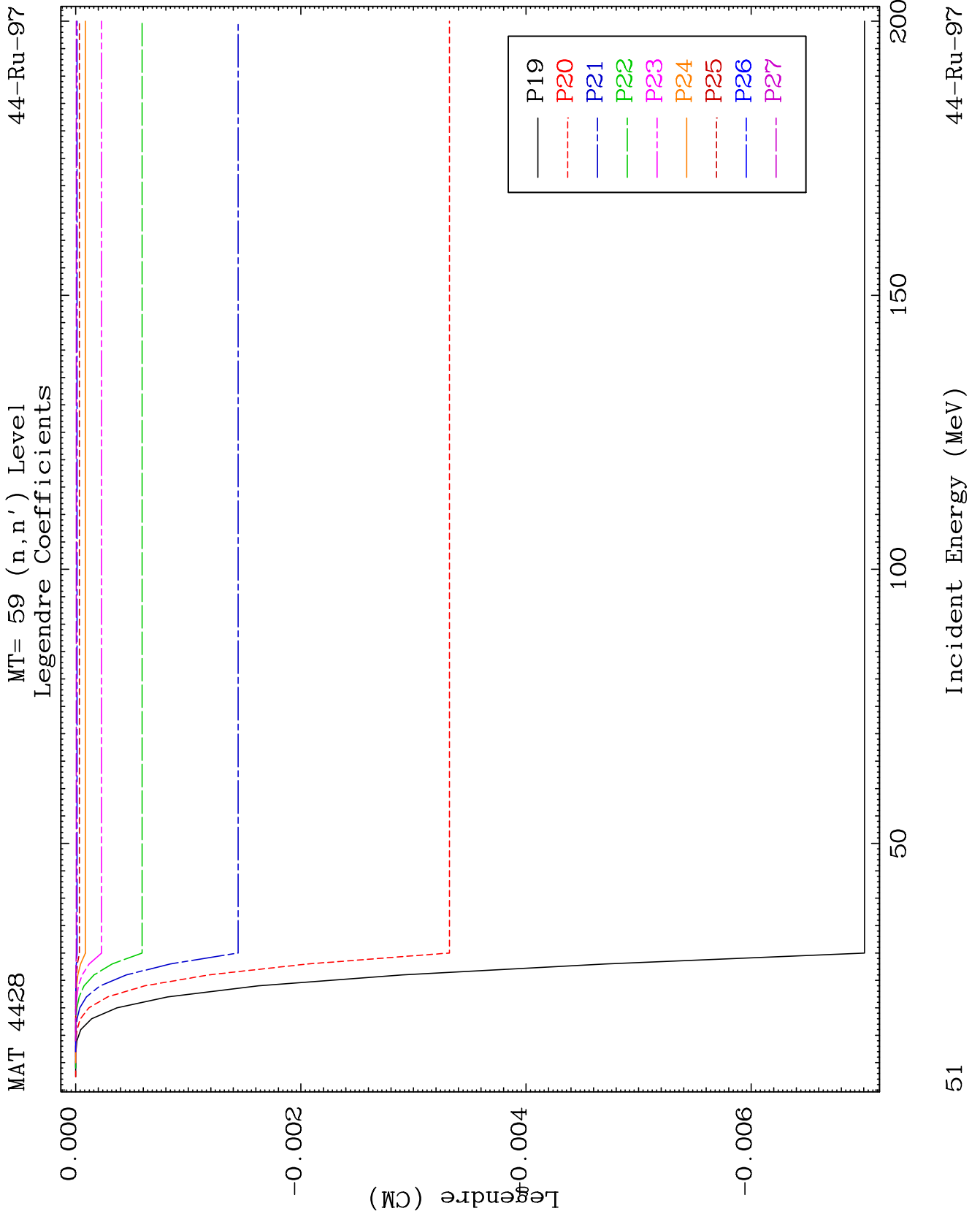
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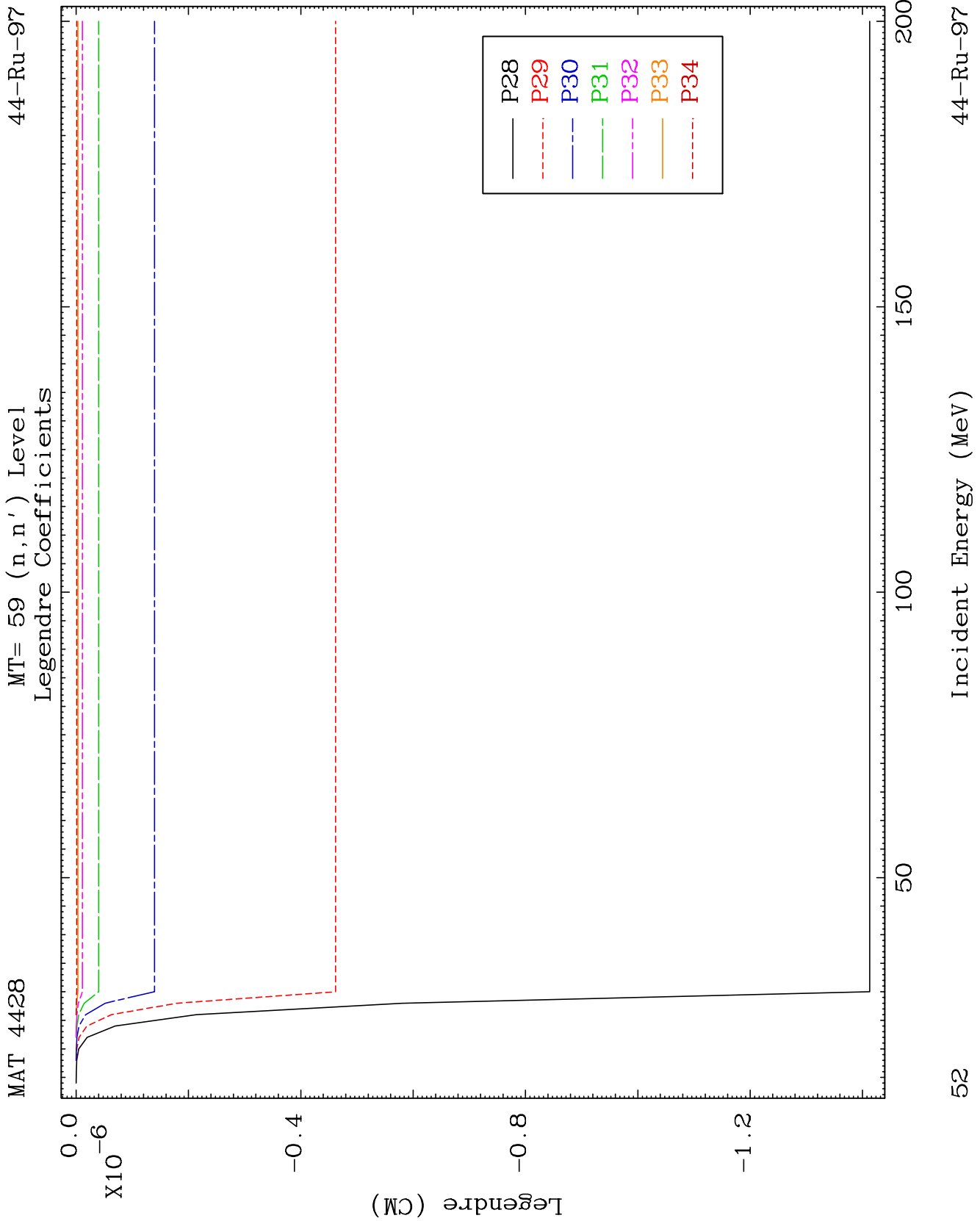


44-Ru-97

Incident Energy (MeV)

50

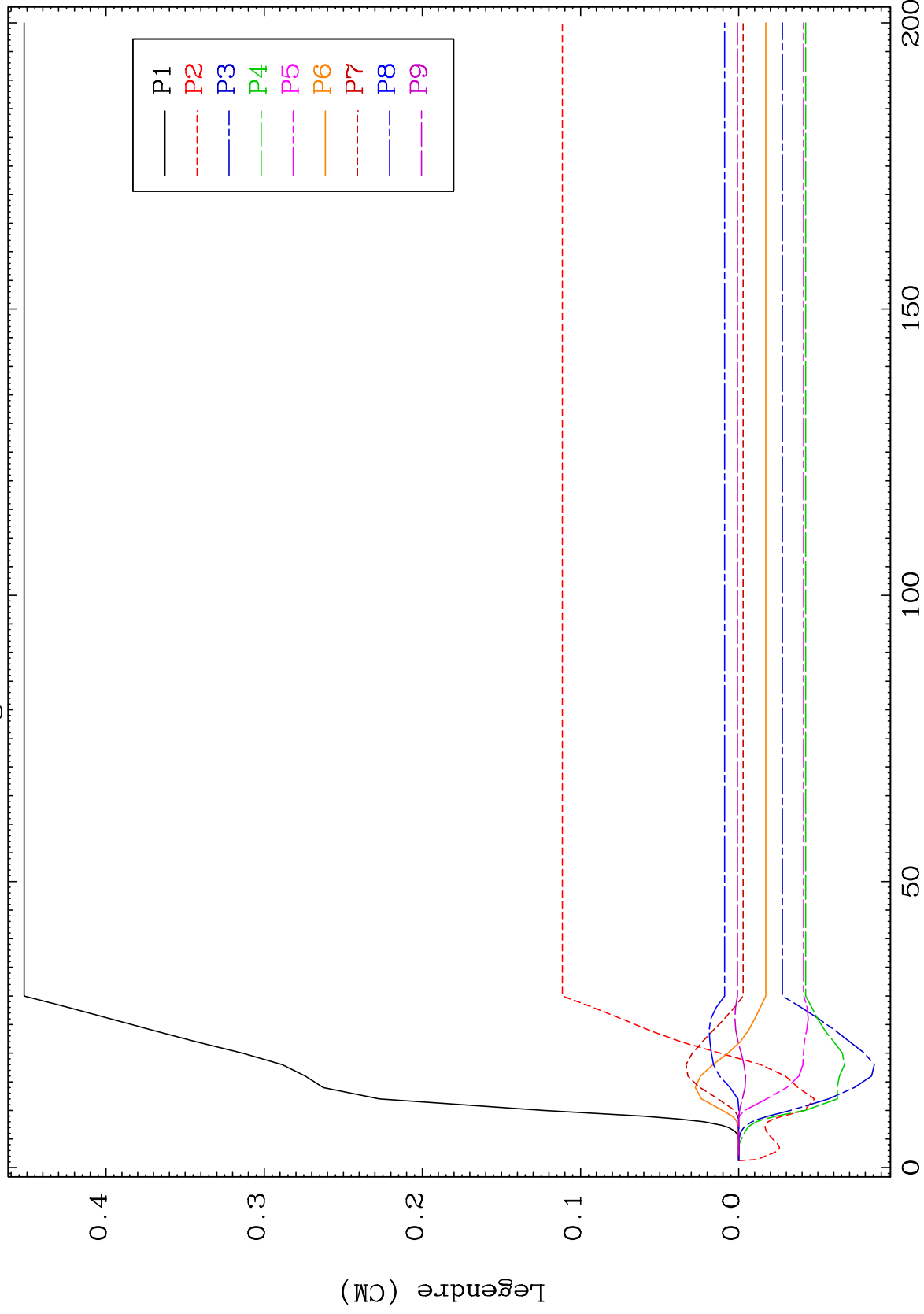




MAT 4428

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

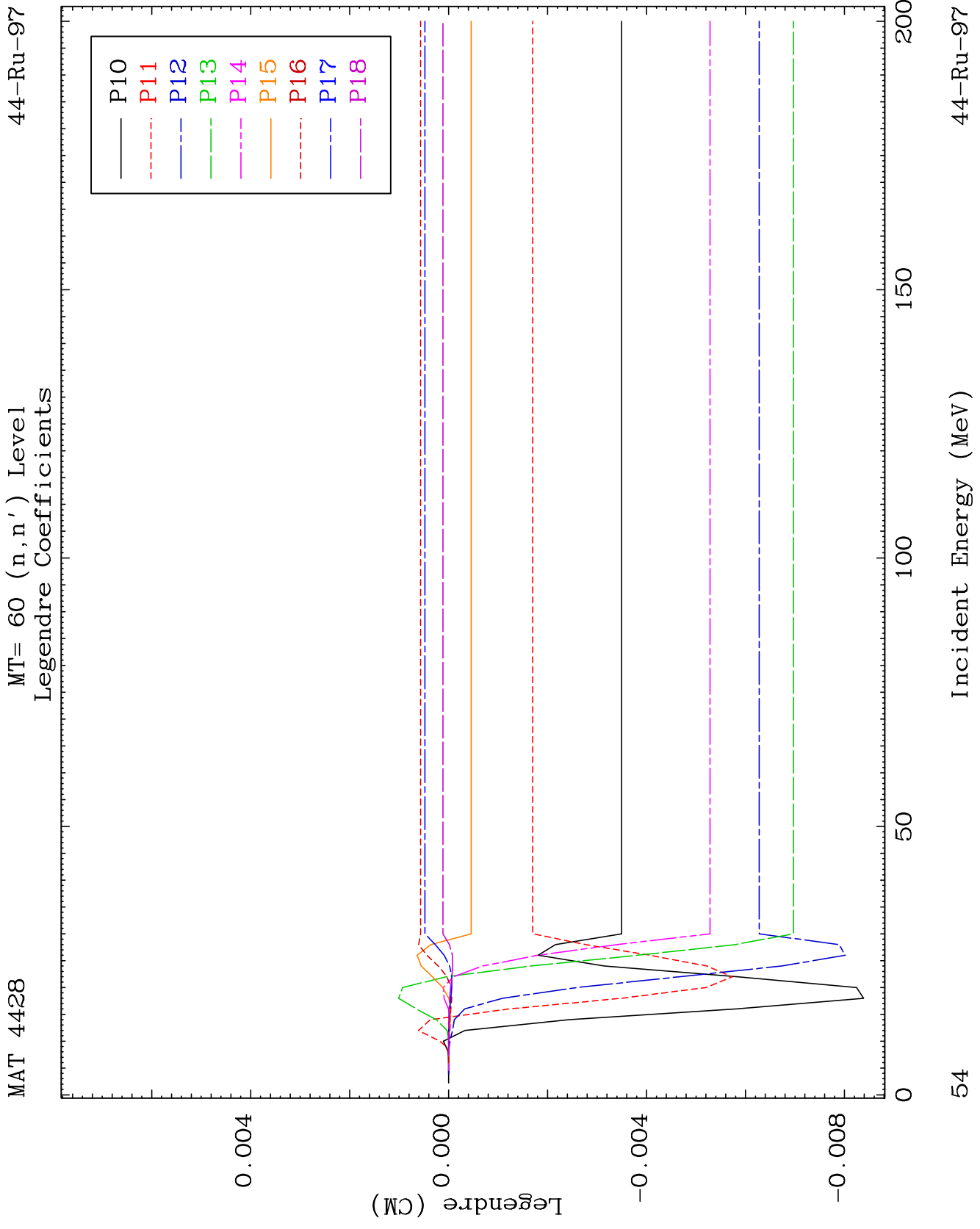
44-Ru-97



53

Incident Energy (MeV)

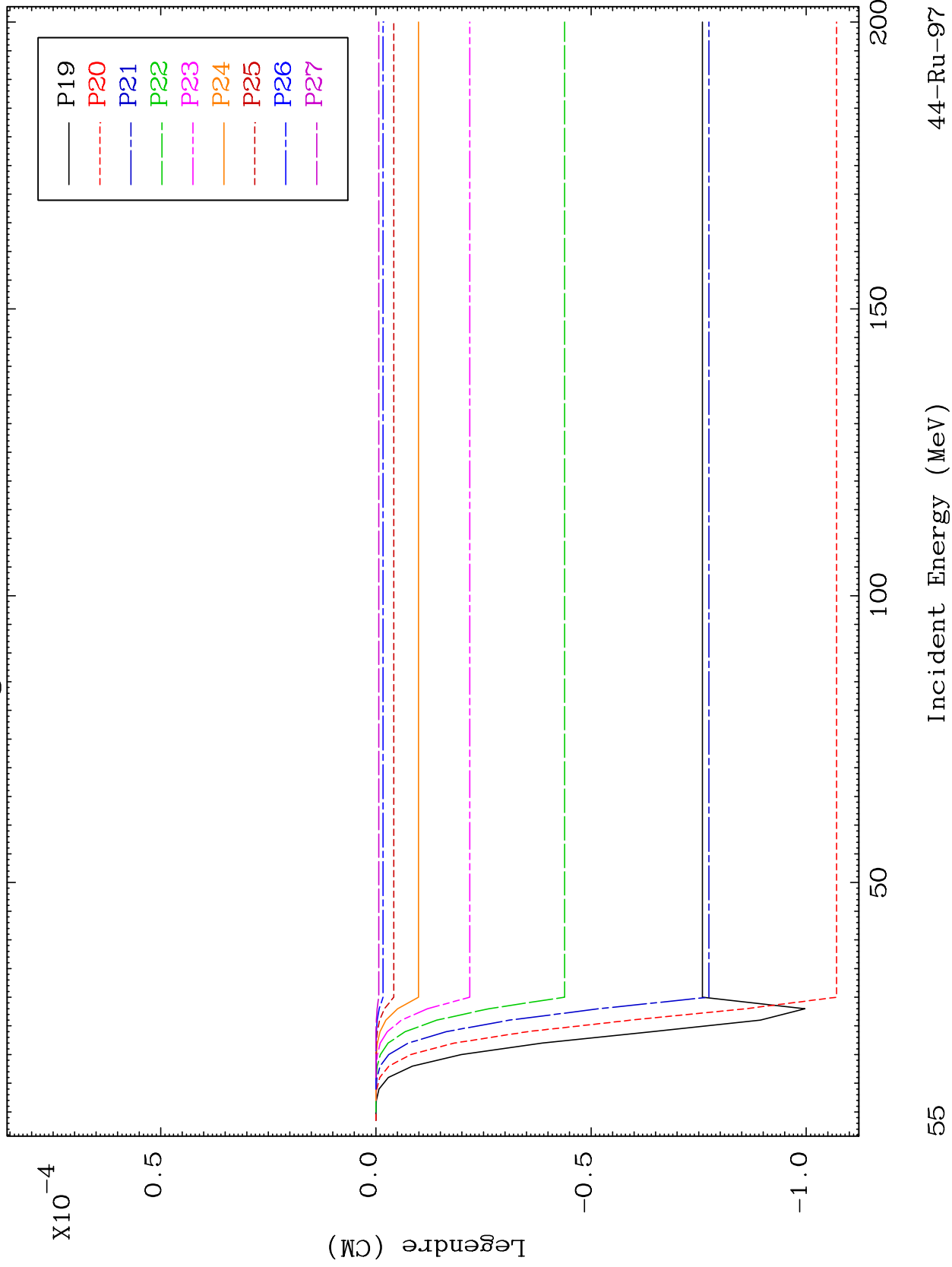
44-Ru-97



MAT 4428

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

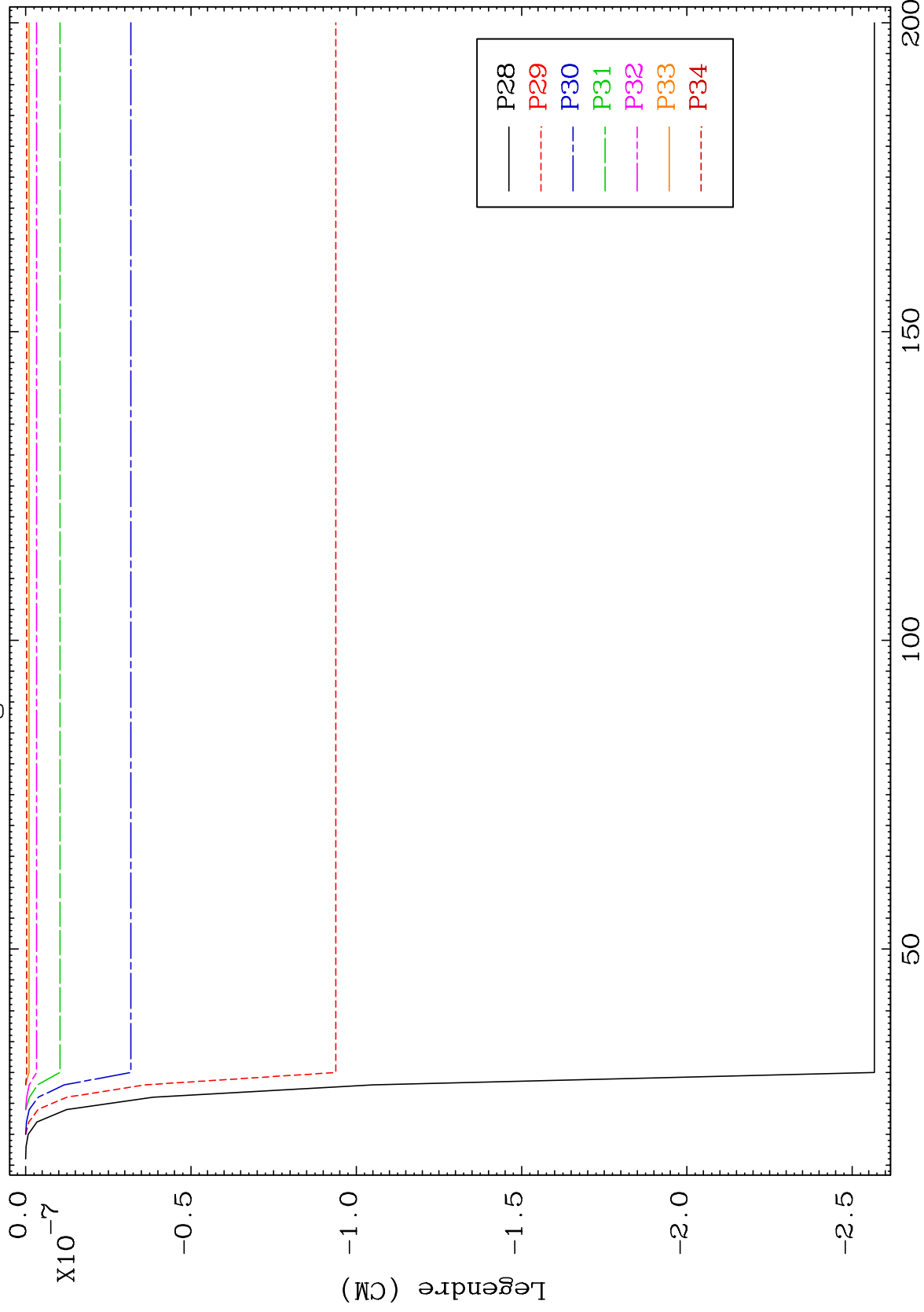
44-Ru-97



MAT 4428

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

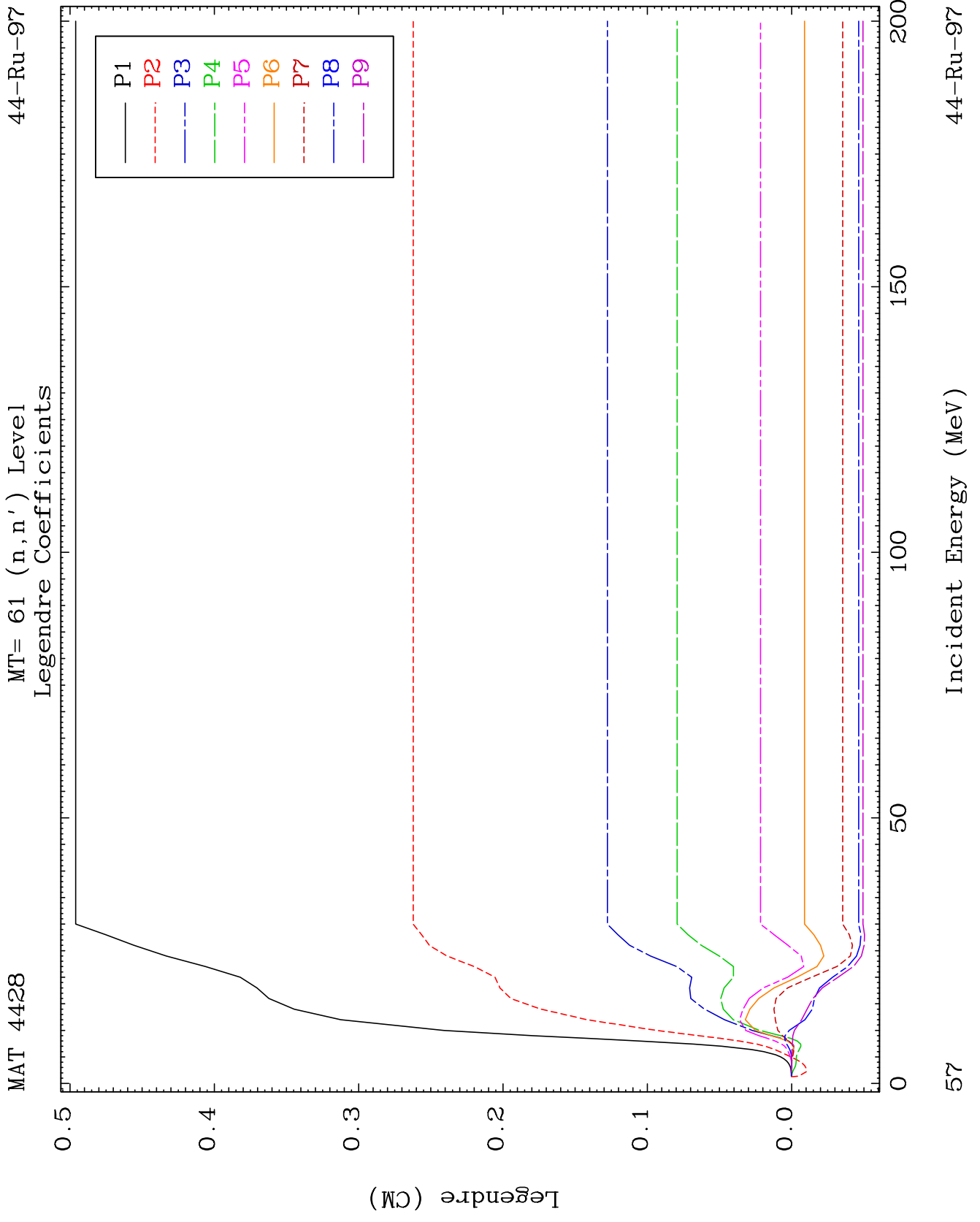
44-Ru-97



56

Incident Energy (MeV)

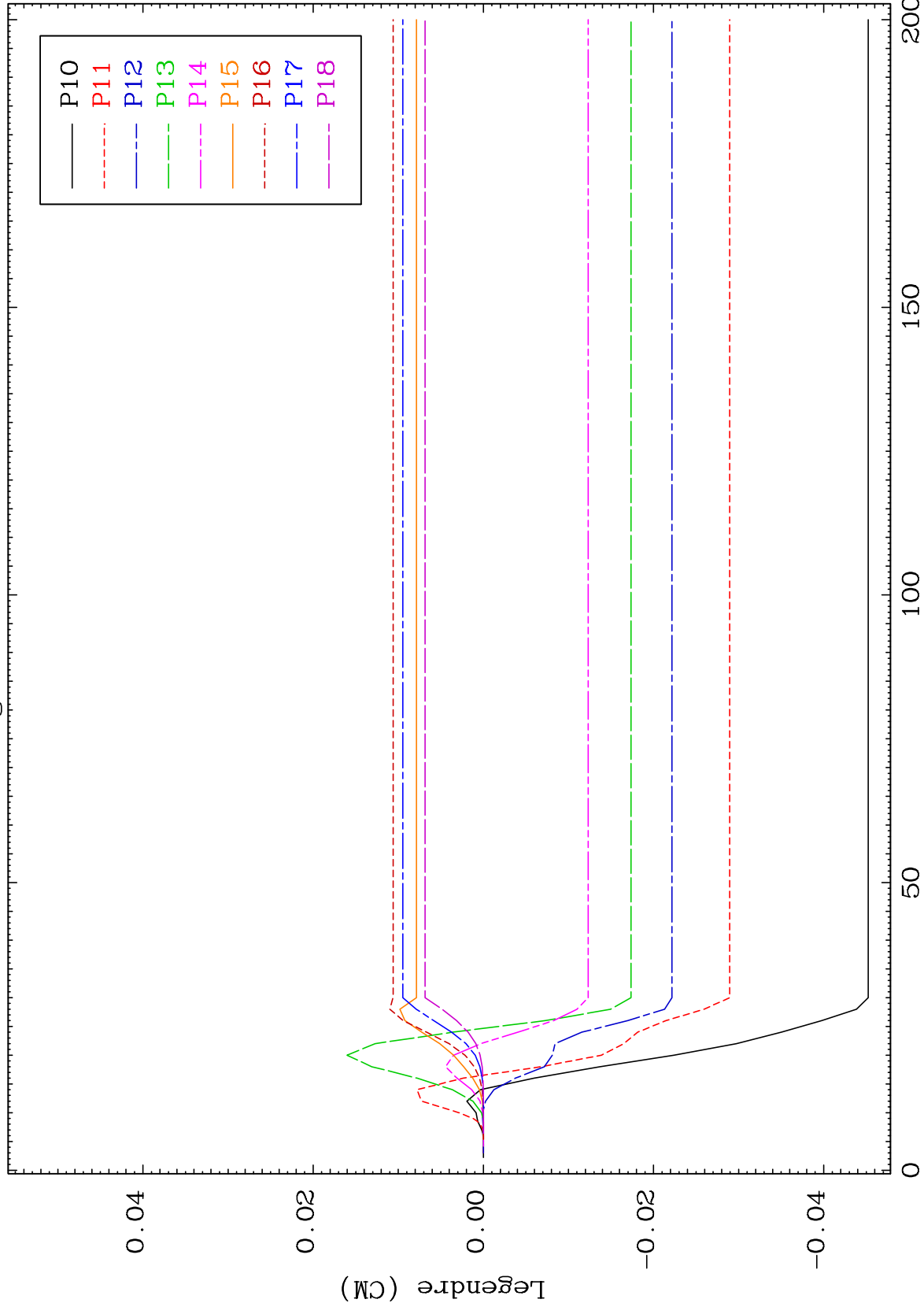
44-Ru-97



MAT 4428

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

44-Ru-97



58

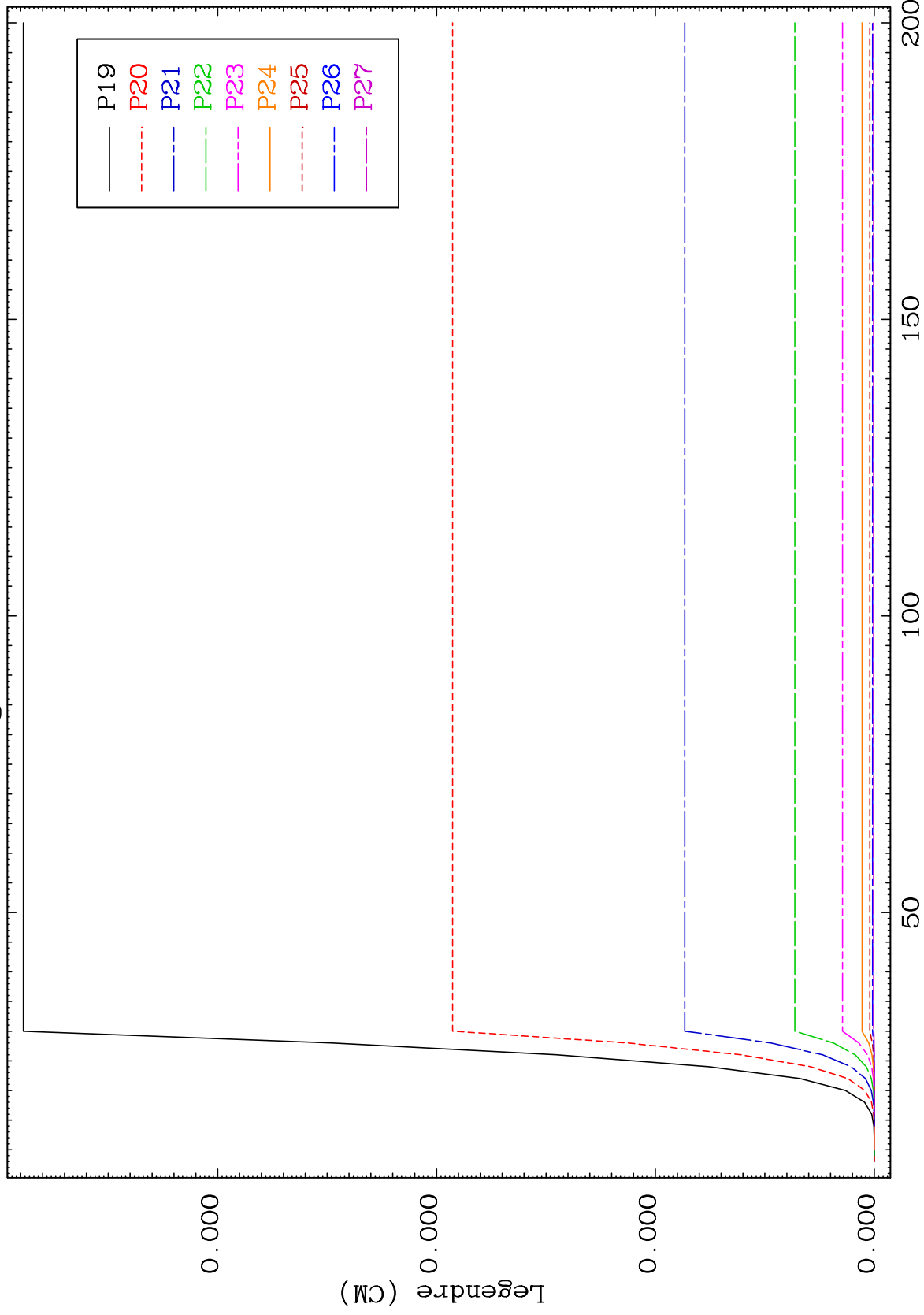
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



59

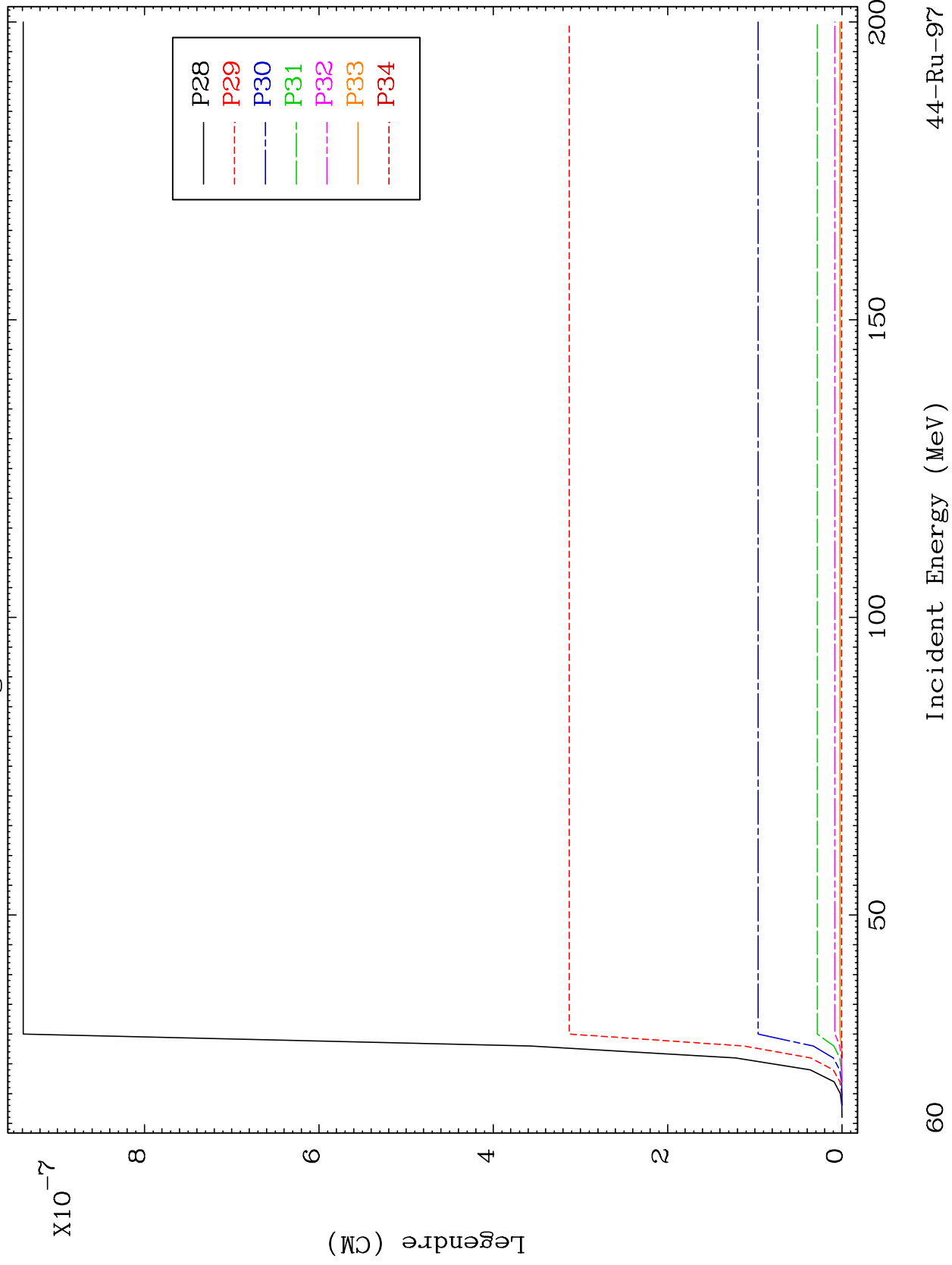
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

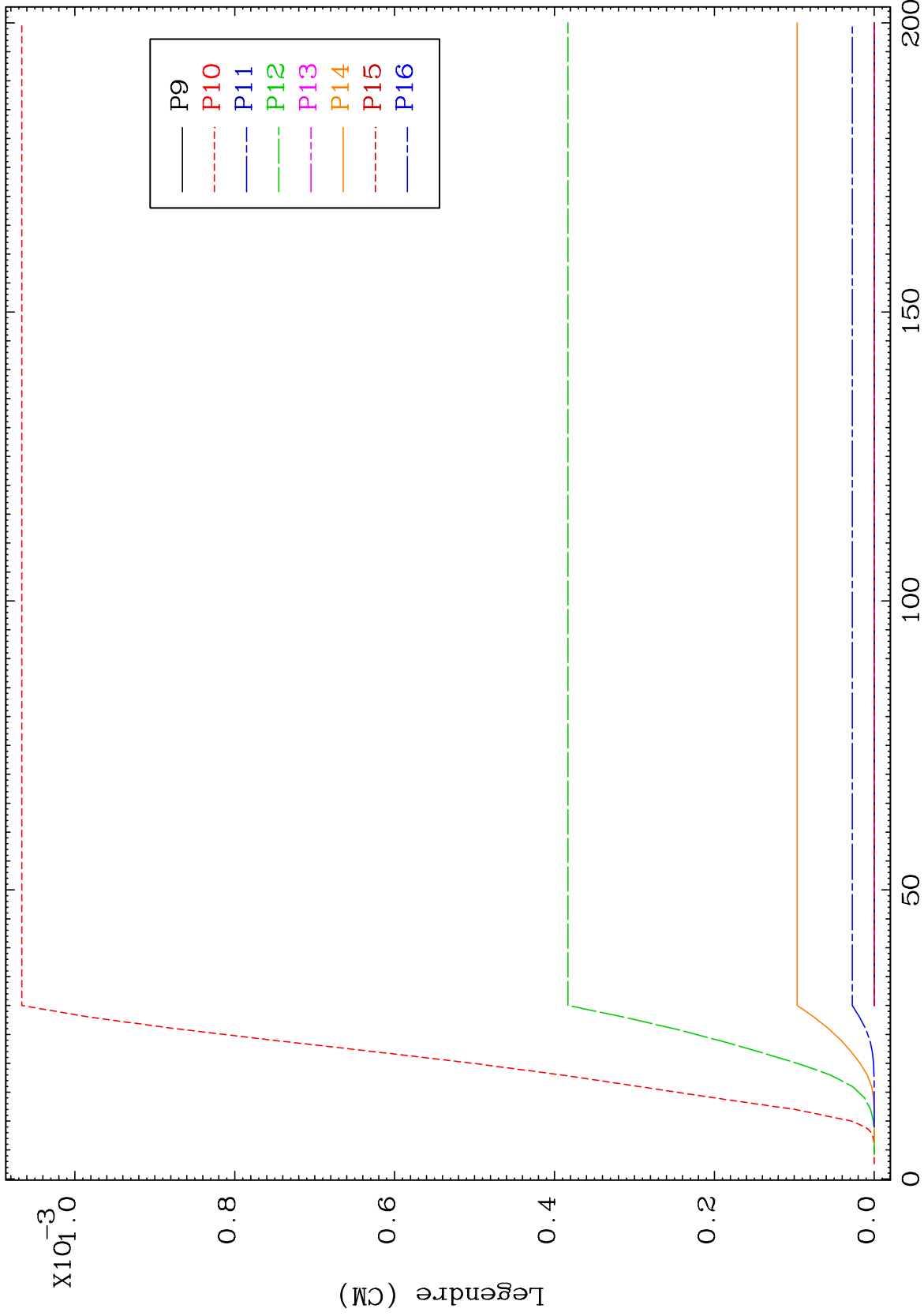
44-Ru-97



MAT 4428

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

44-Ru-97



62

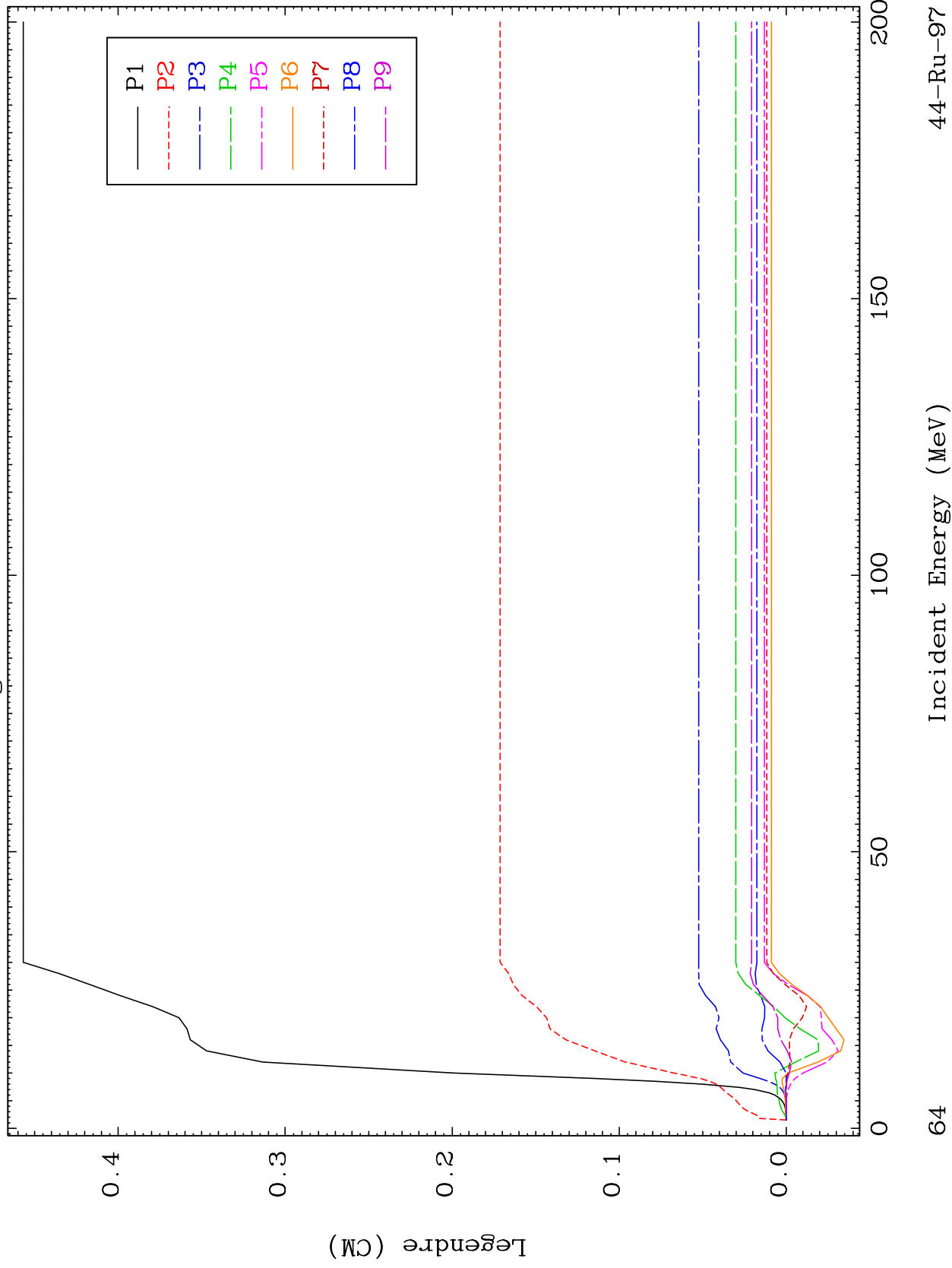
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



44-Ru-97

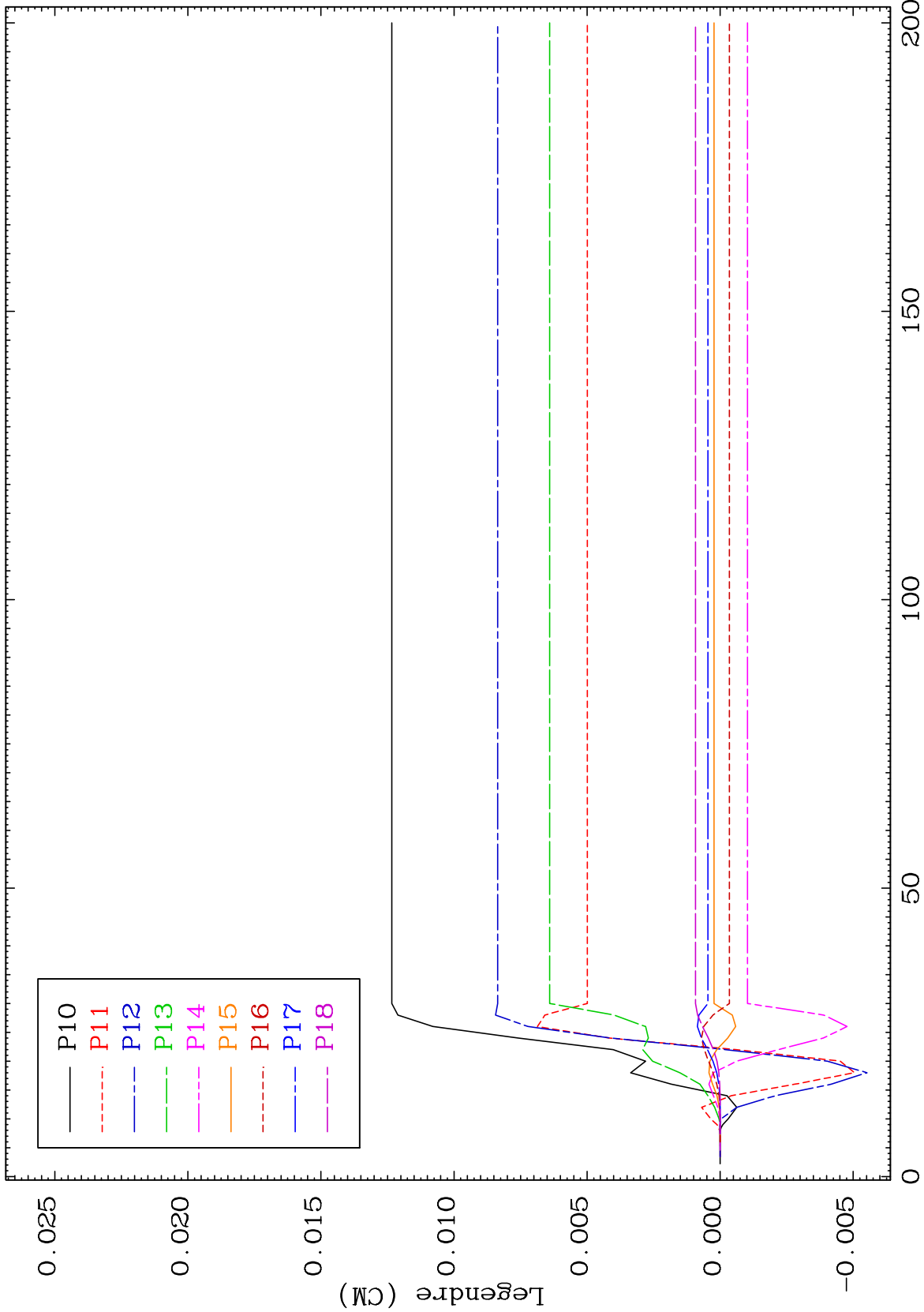
Incident Energy (MeV)

64

MAT 4428

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

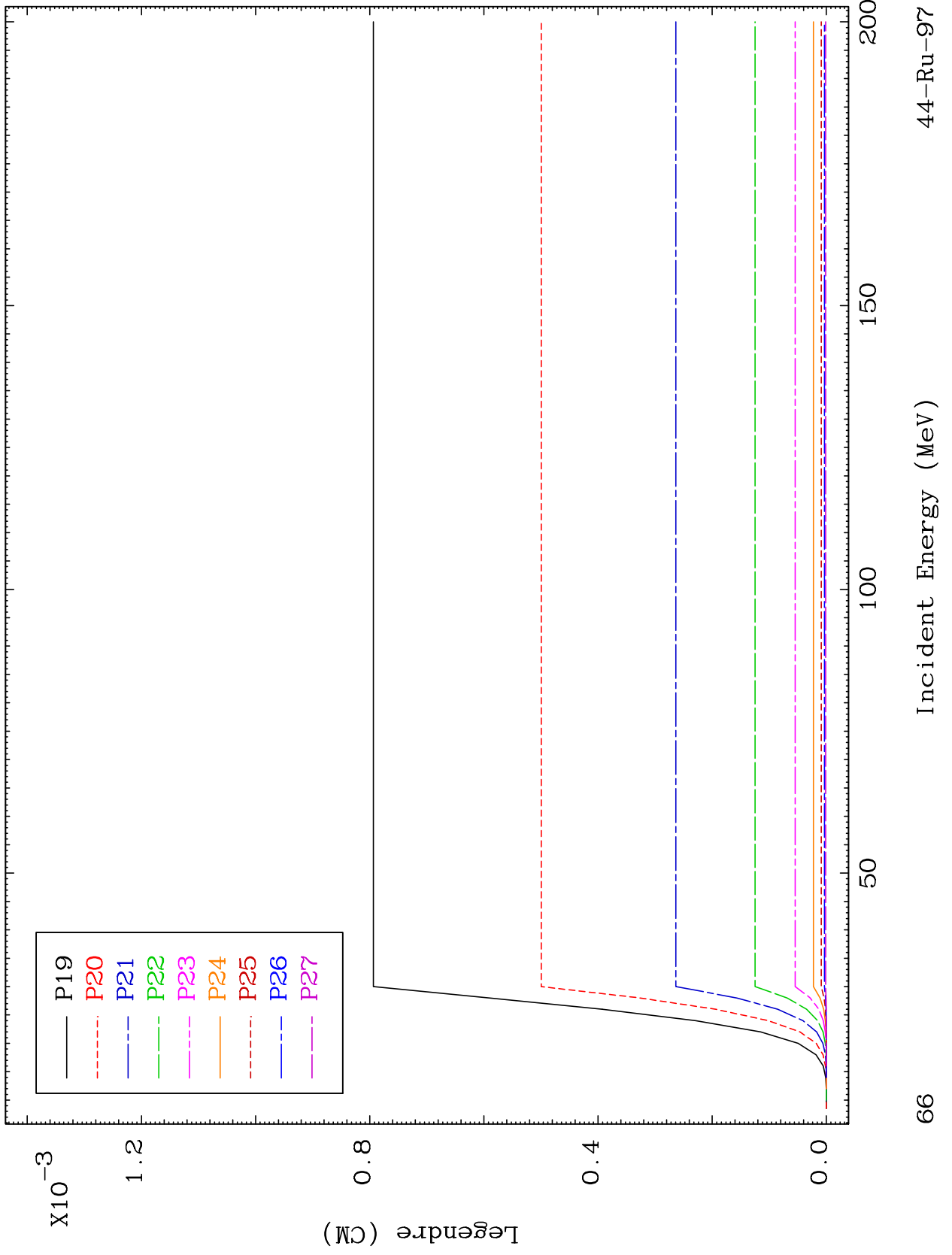
44-Ru-97



65

Incident Energy (MeV)

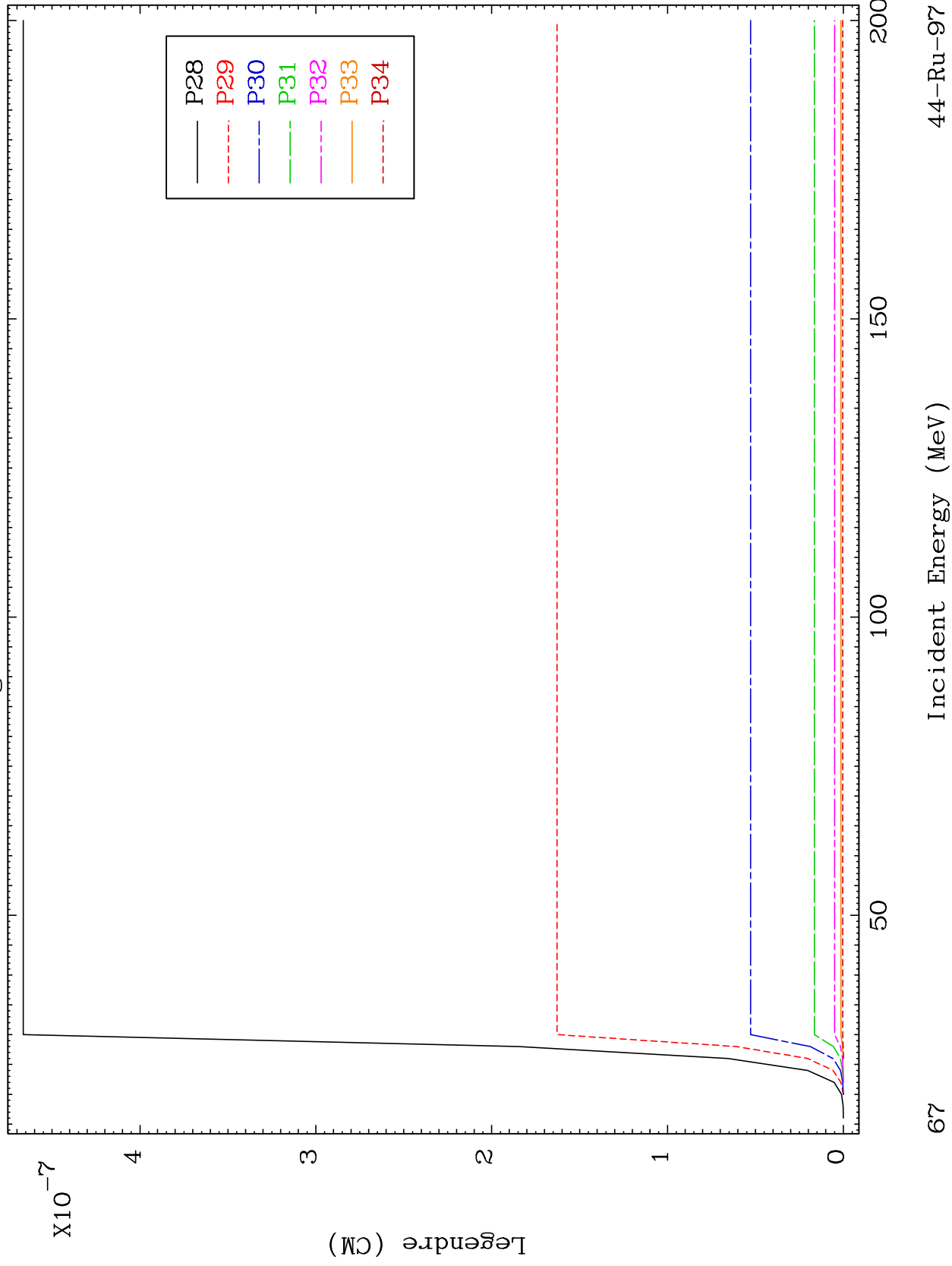
44-Ru-97



MAT 4428

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

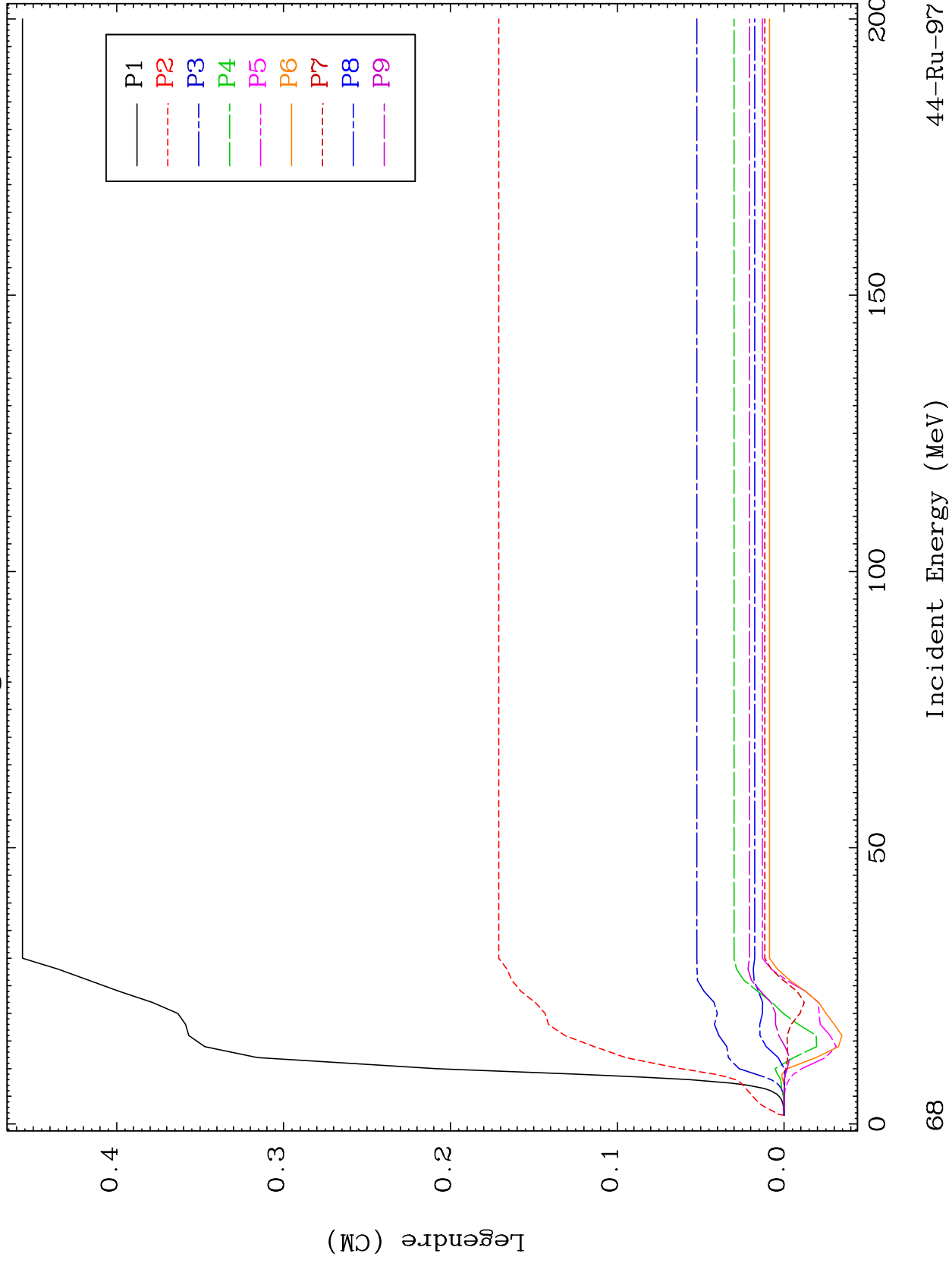
44-Ru-97



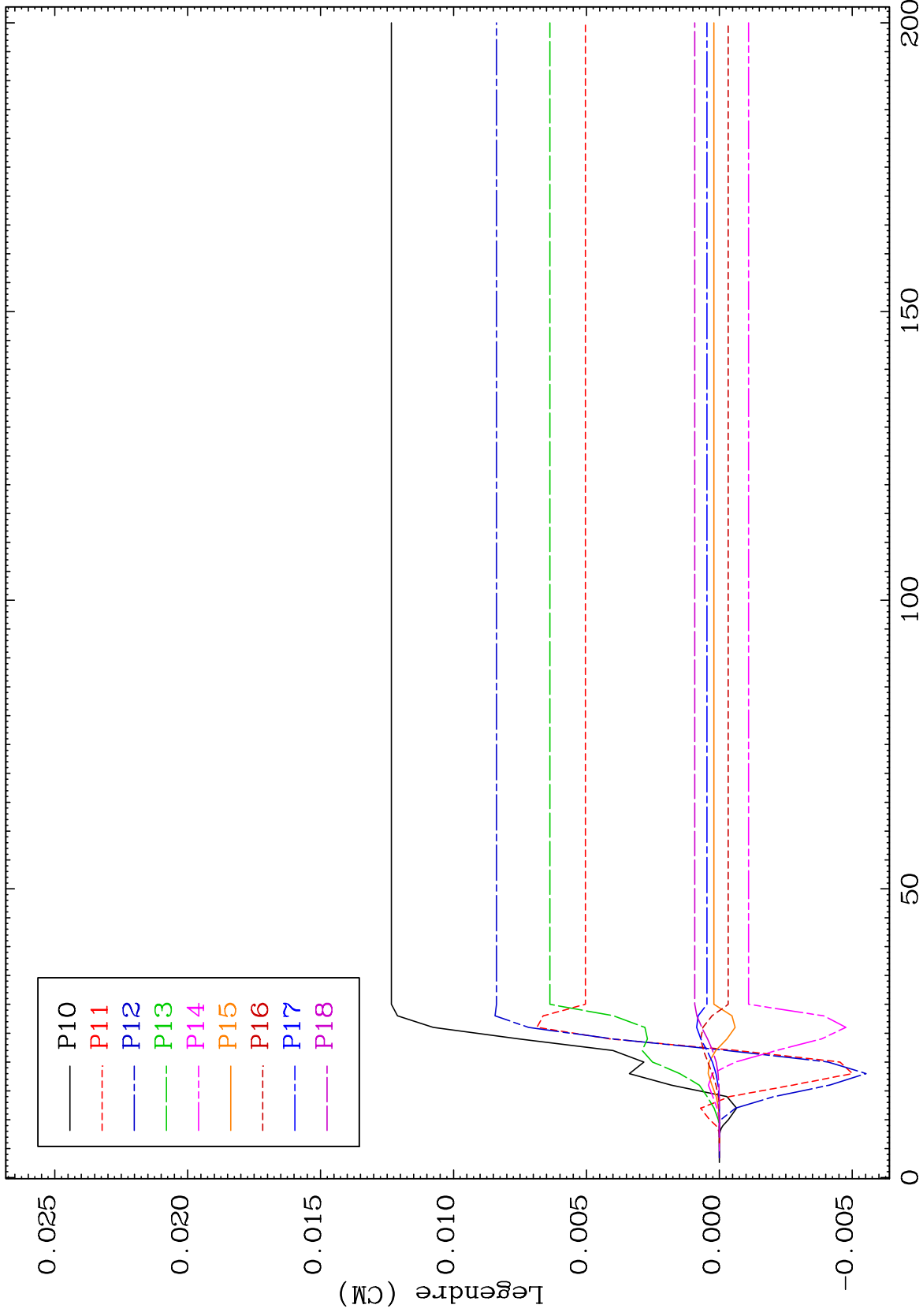
MAT 4428

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

44-Ru-97



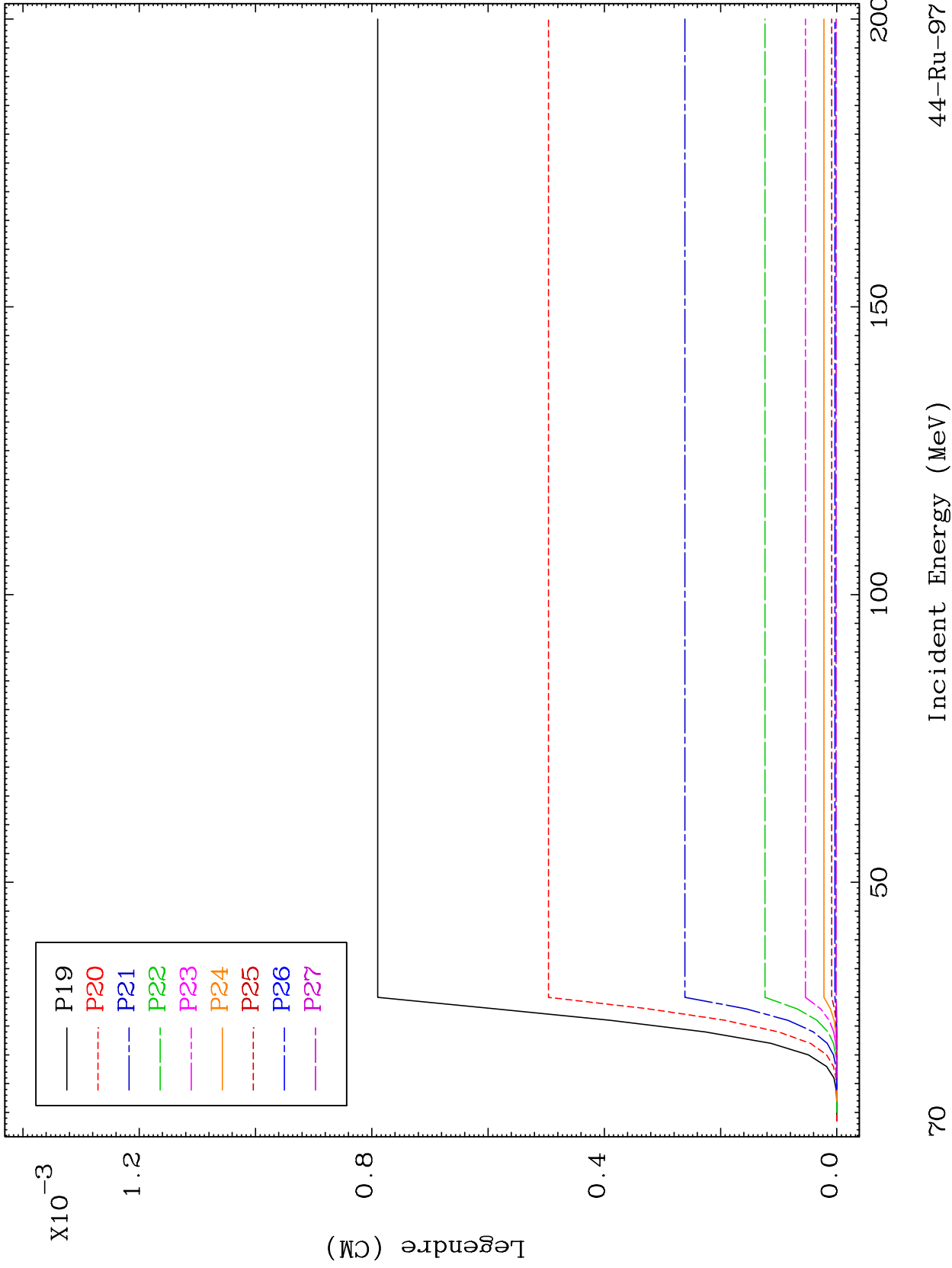
68



MAT 4428

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

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70

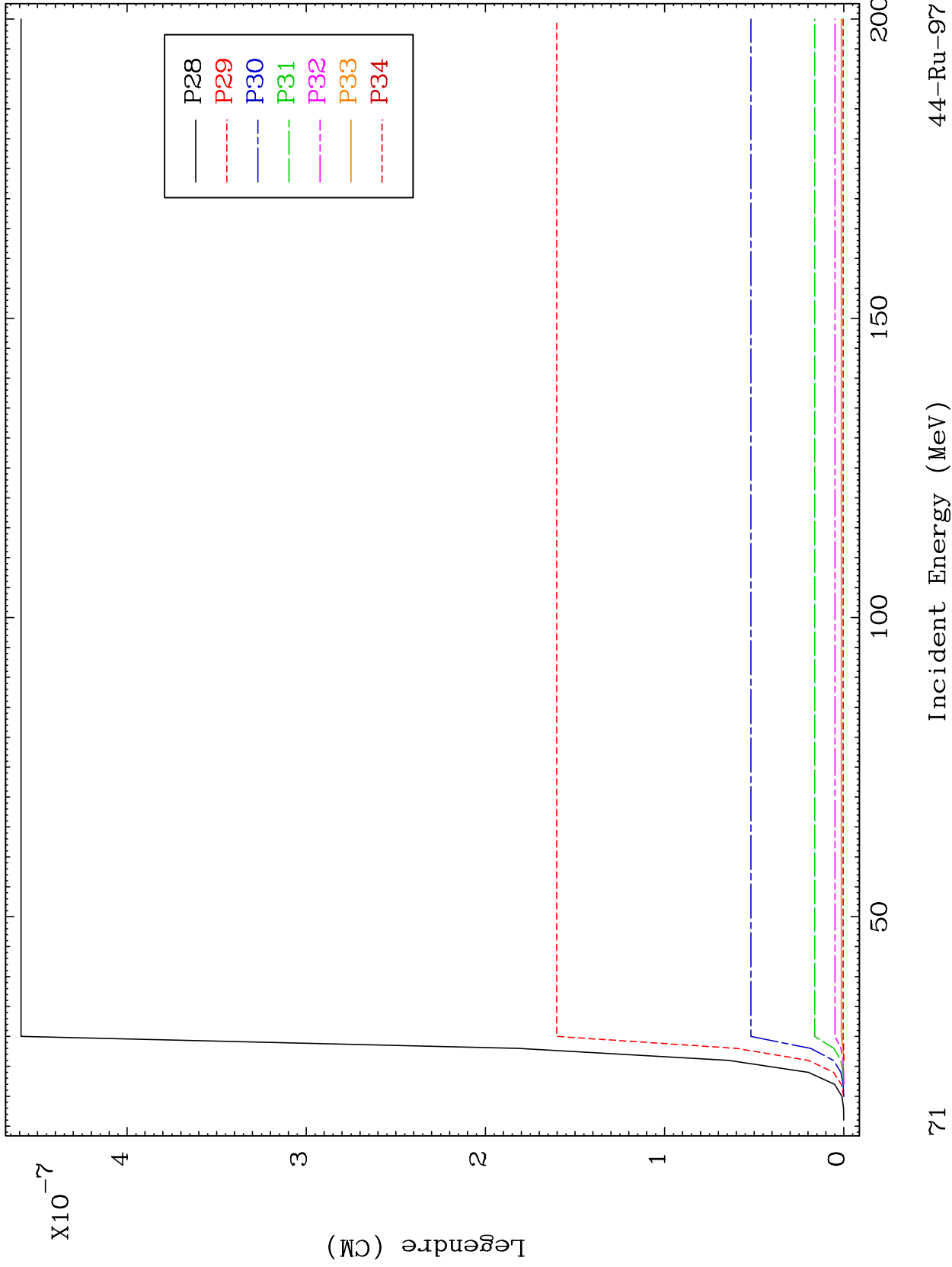
Incident Energy (MeV)

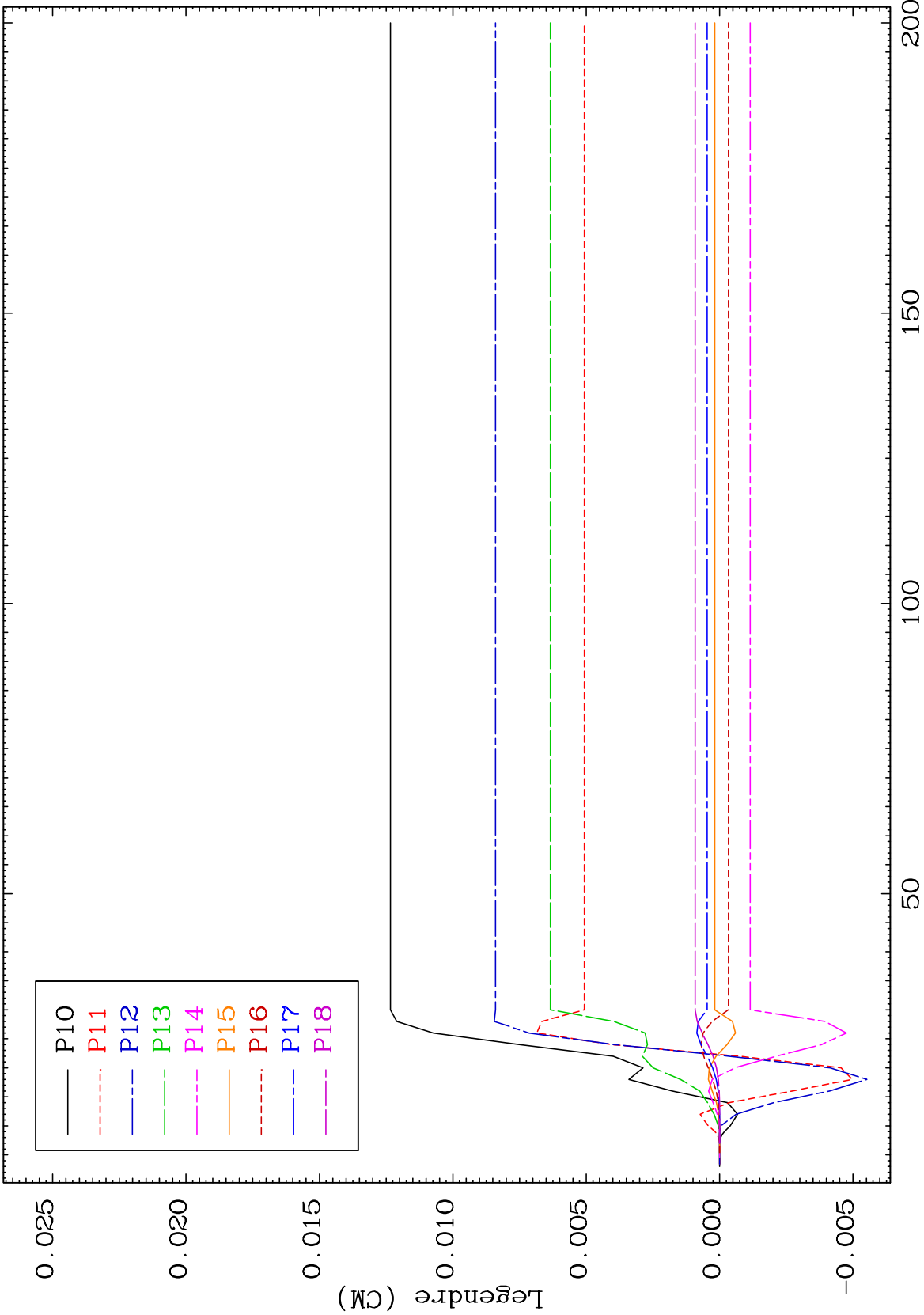
44-Ru-97

MAT 4428

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

44-Ru-97

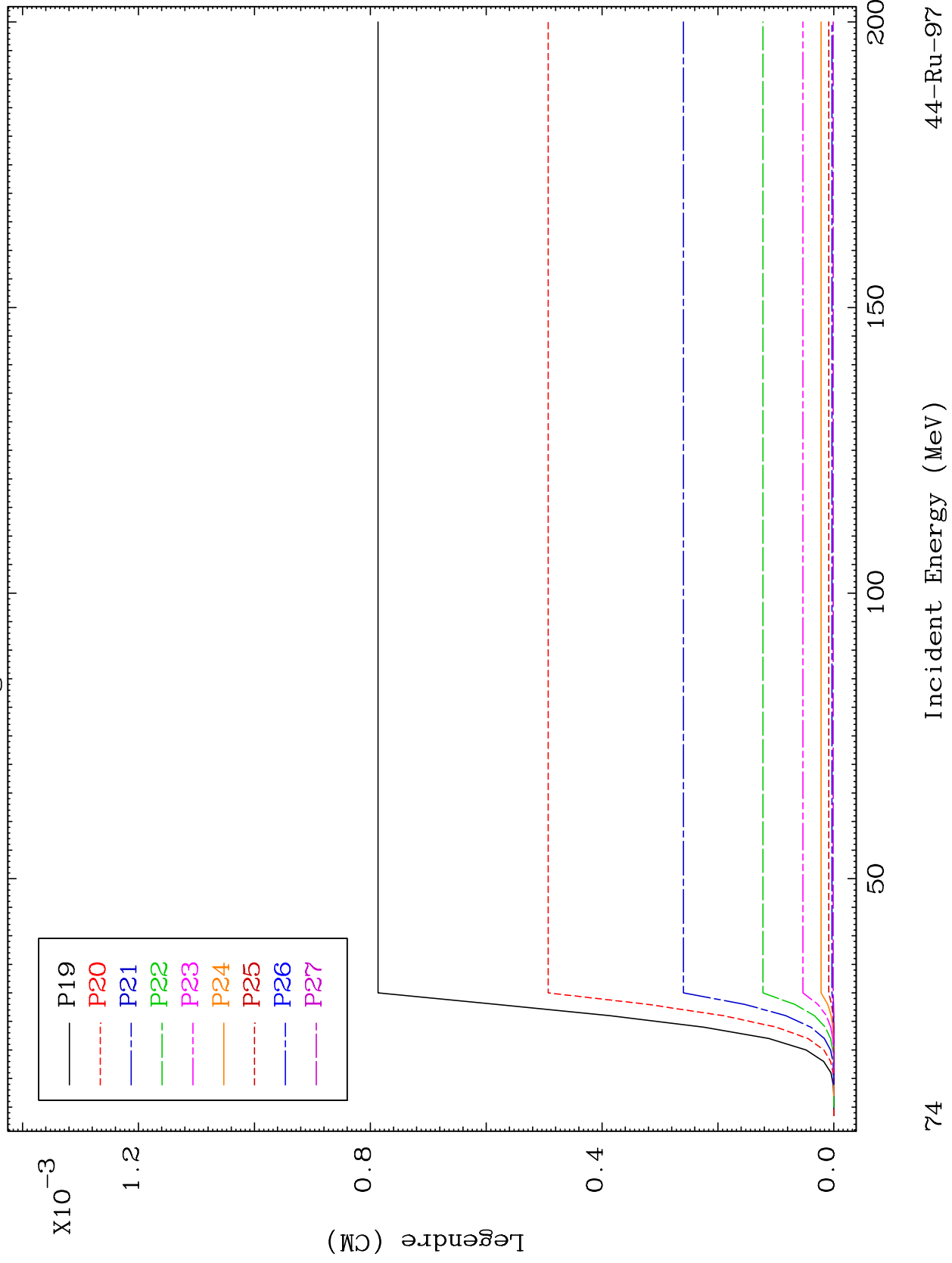




MAT 4428

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

44-Ru-97



74

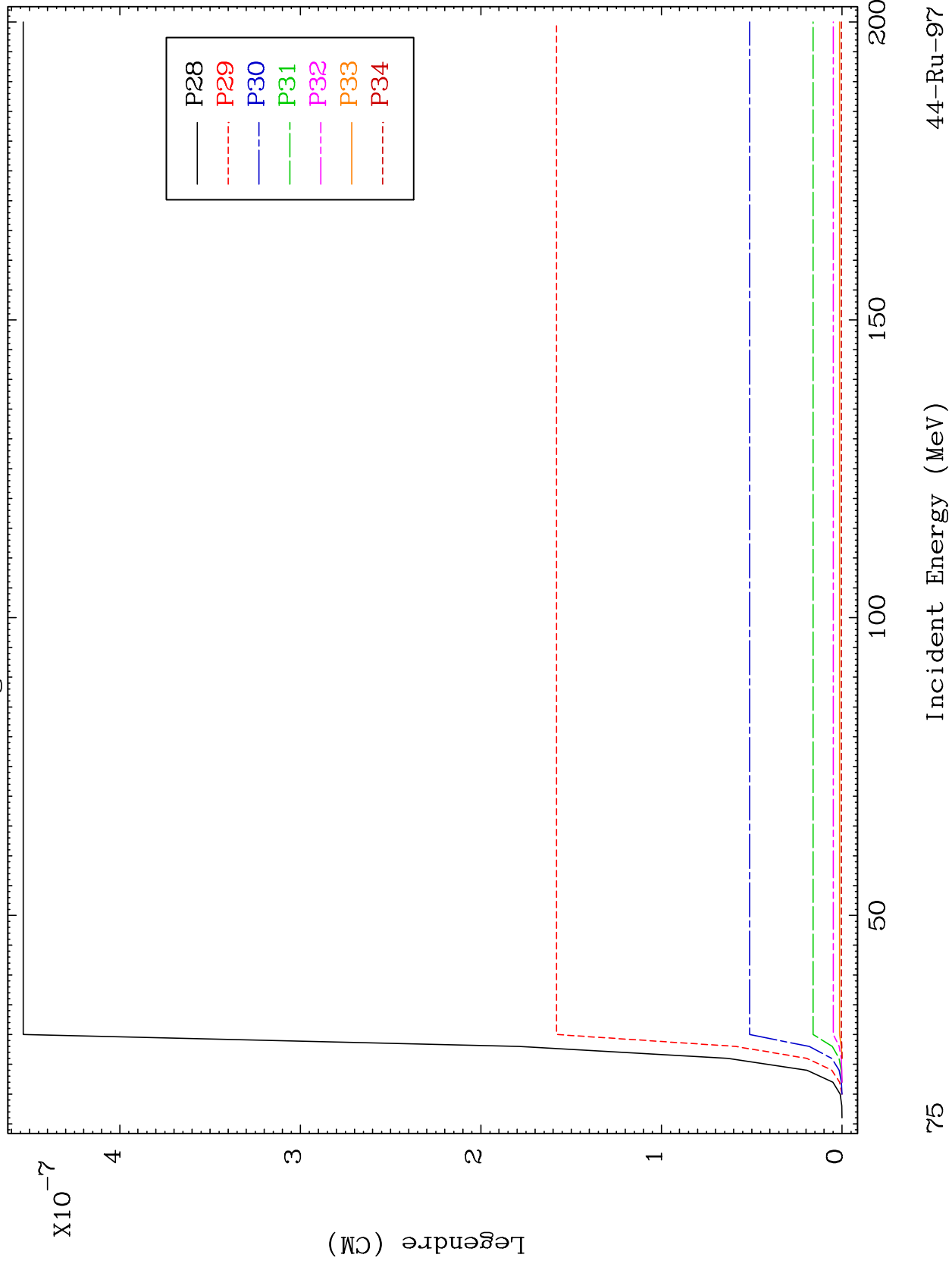
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



75

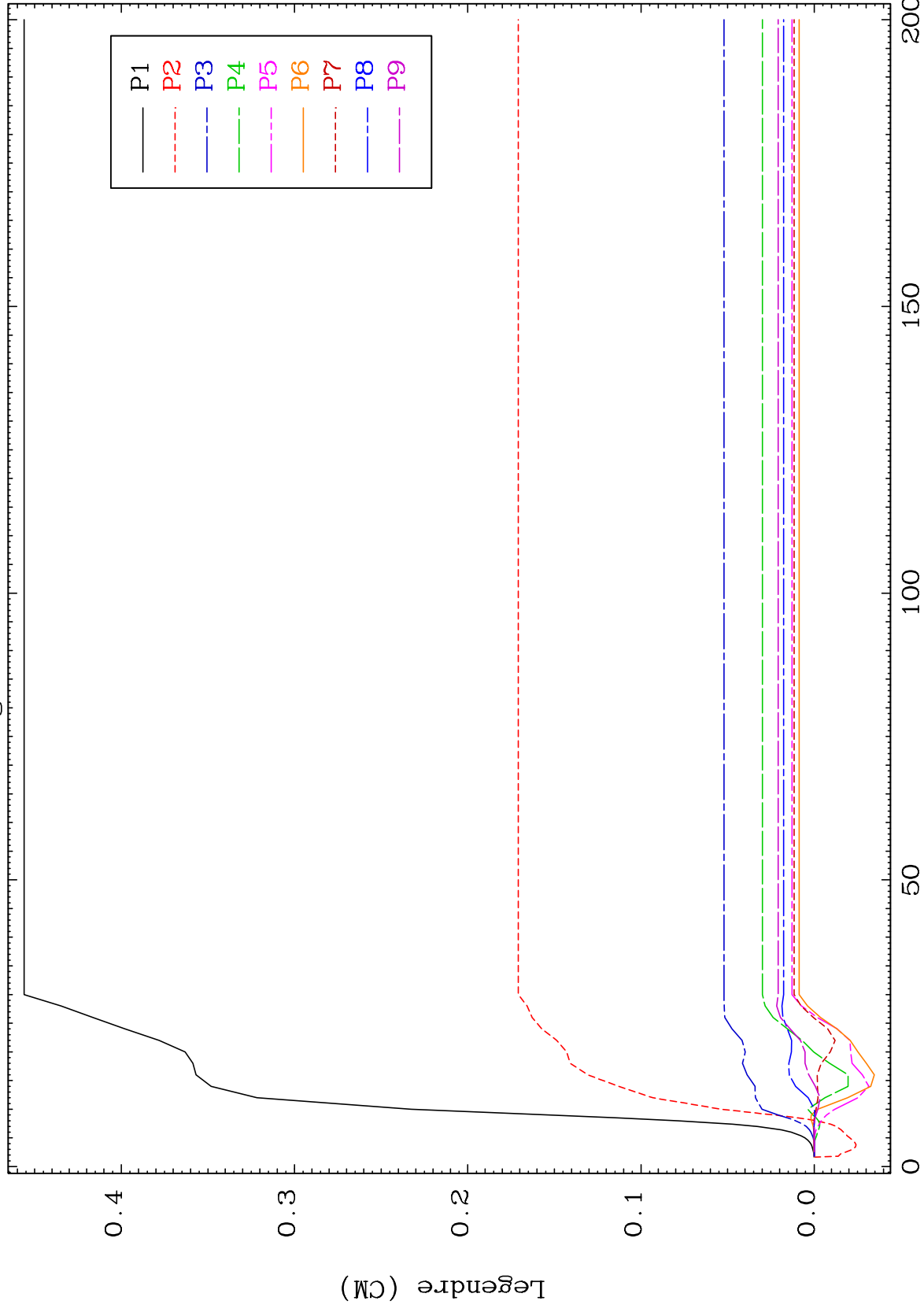
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

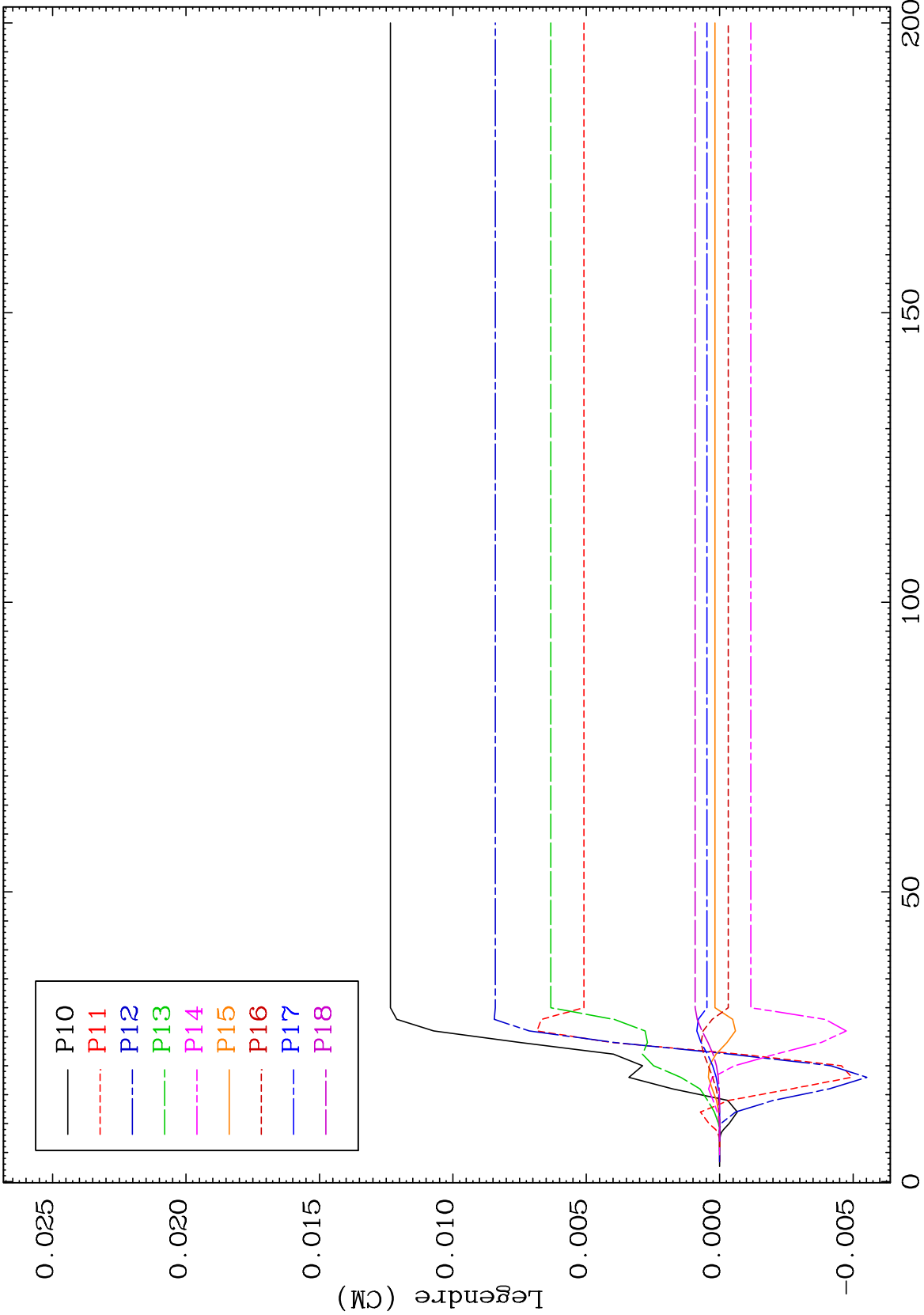
44-Ru-97



76

Incident Energy (MeV)

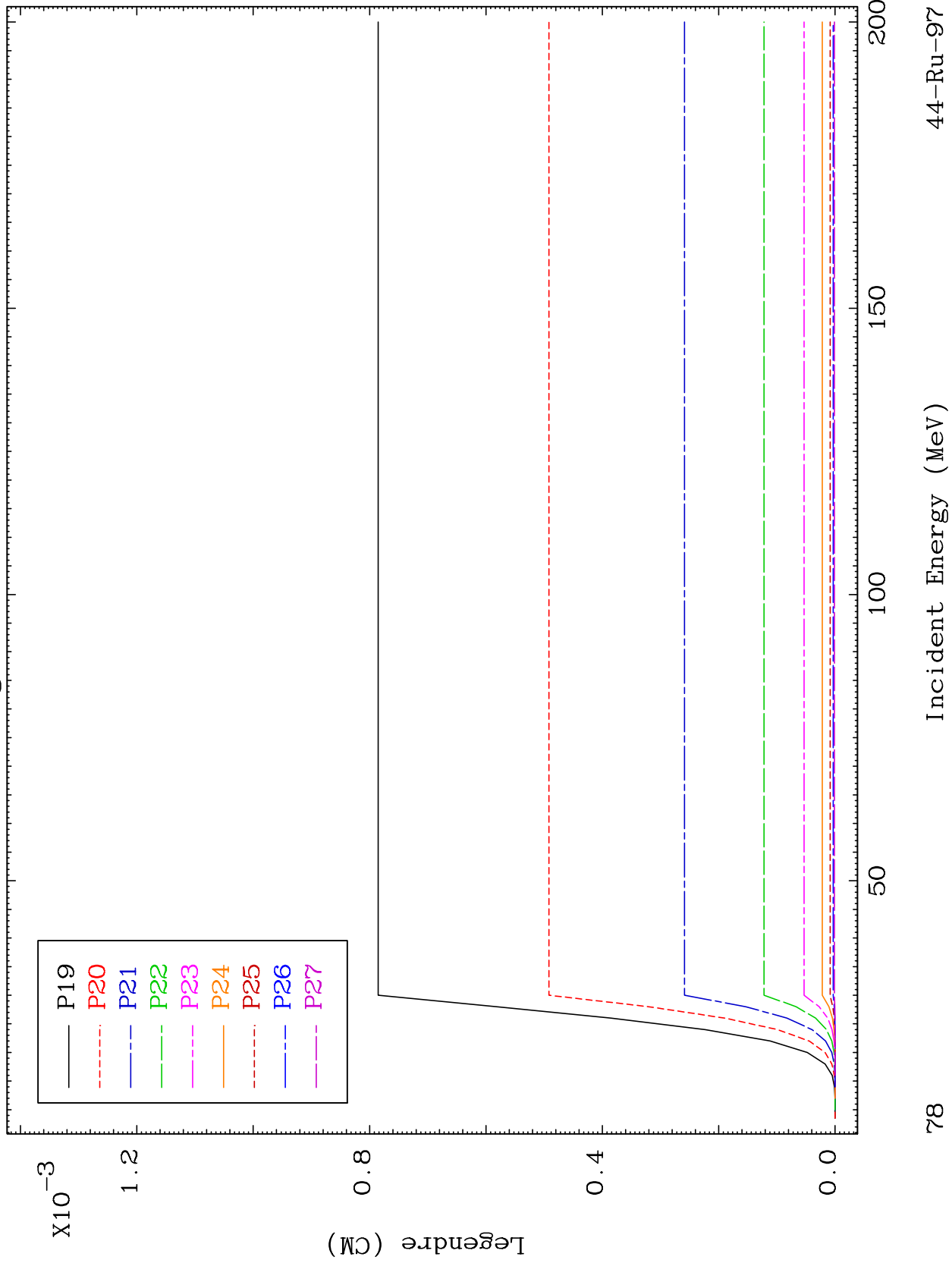
44-Ru-97



MAT 4428

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

44-Ru-97



78

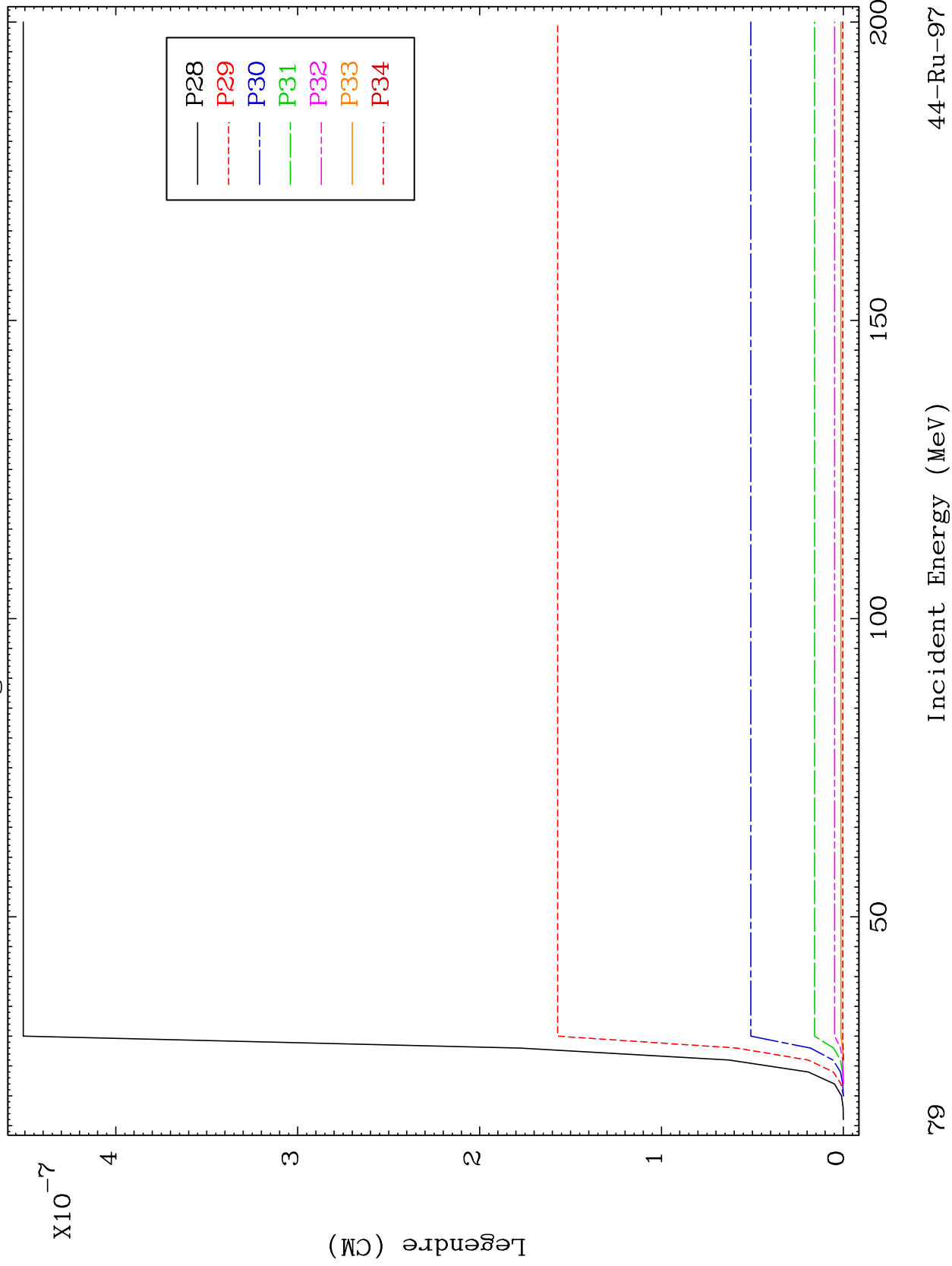
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

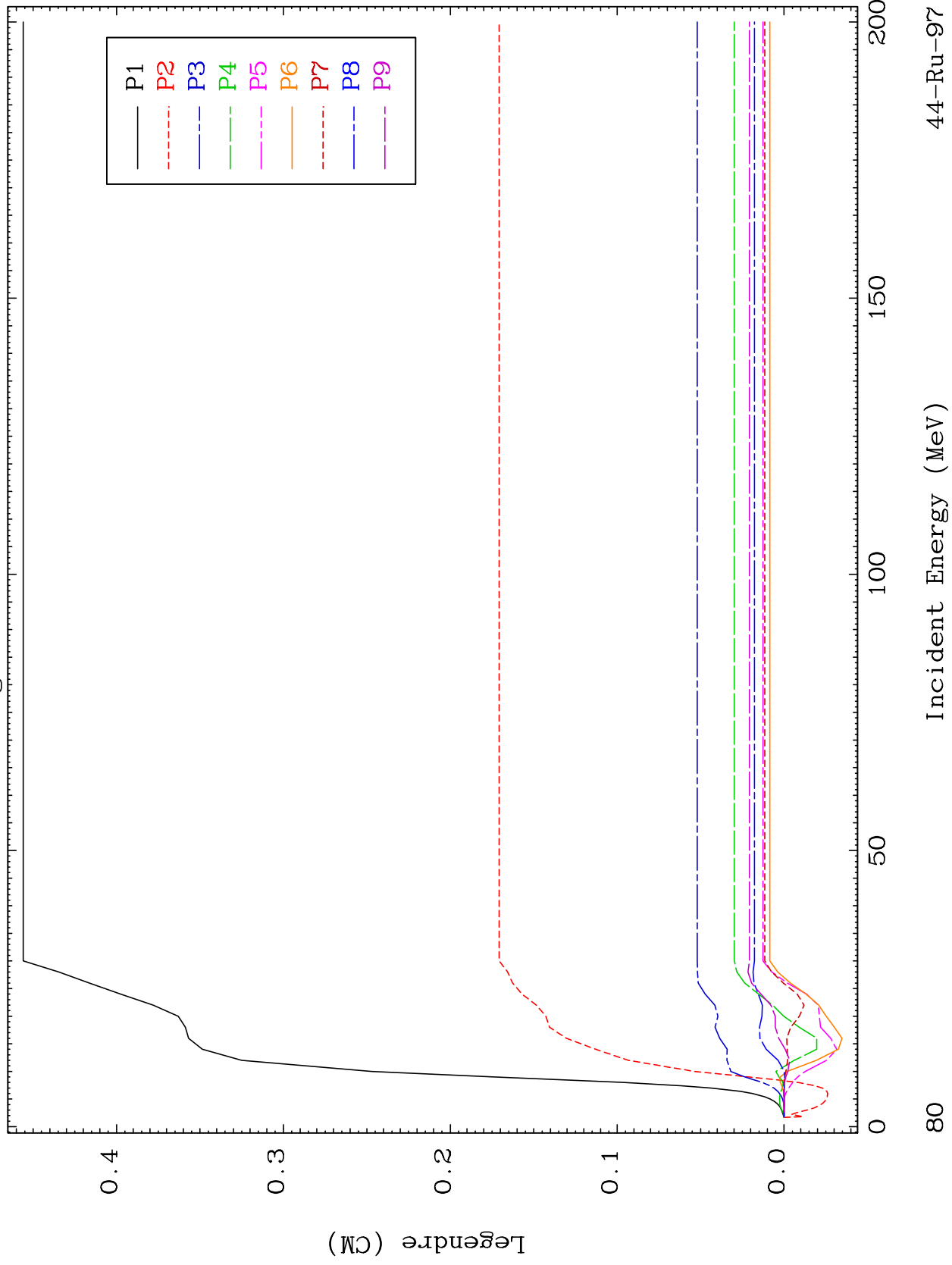
44-Ru-97



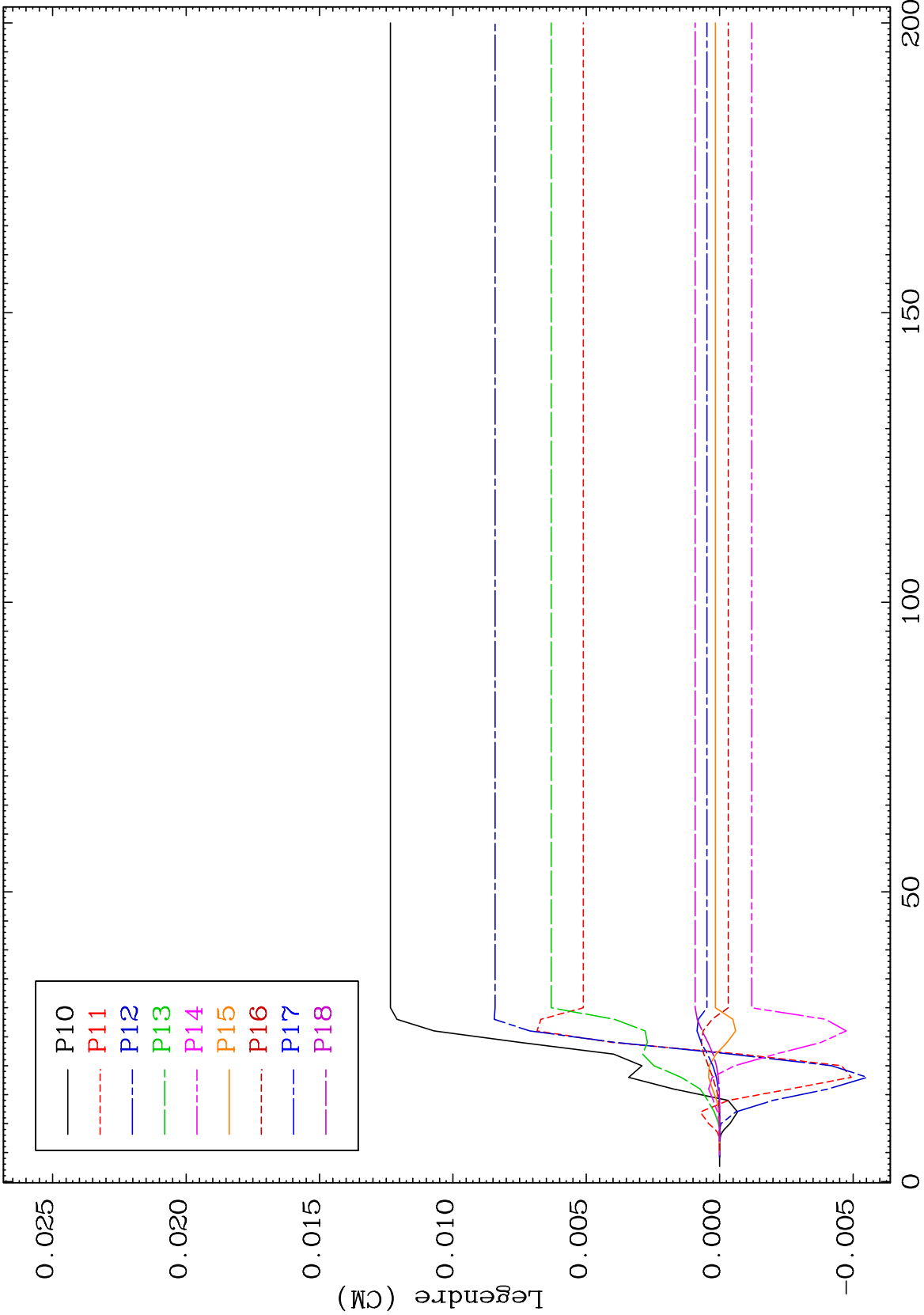
MAT 4428

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

44-Ru-97



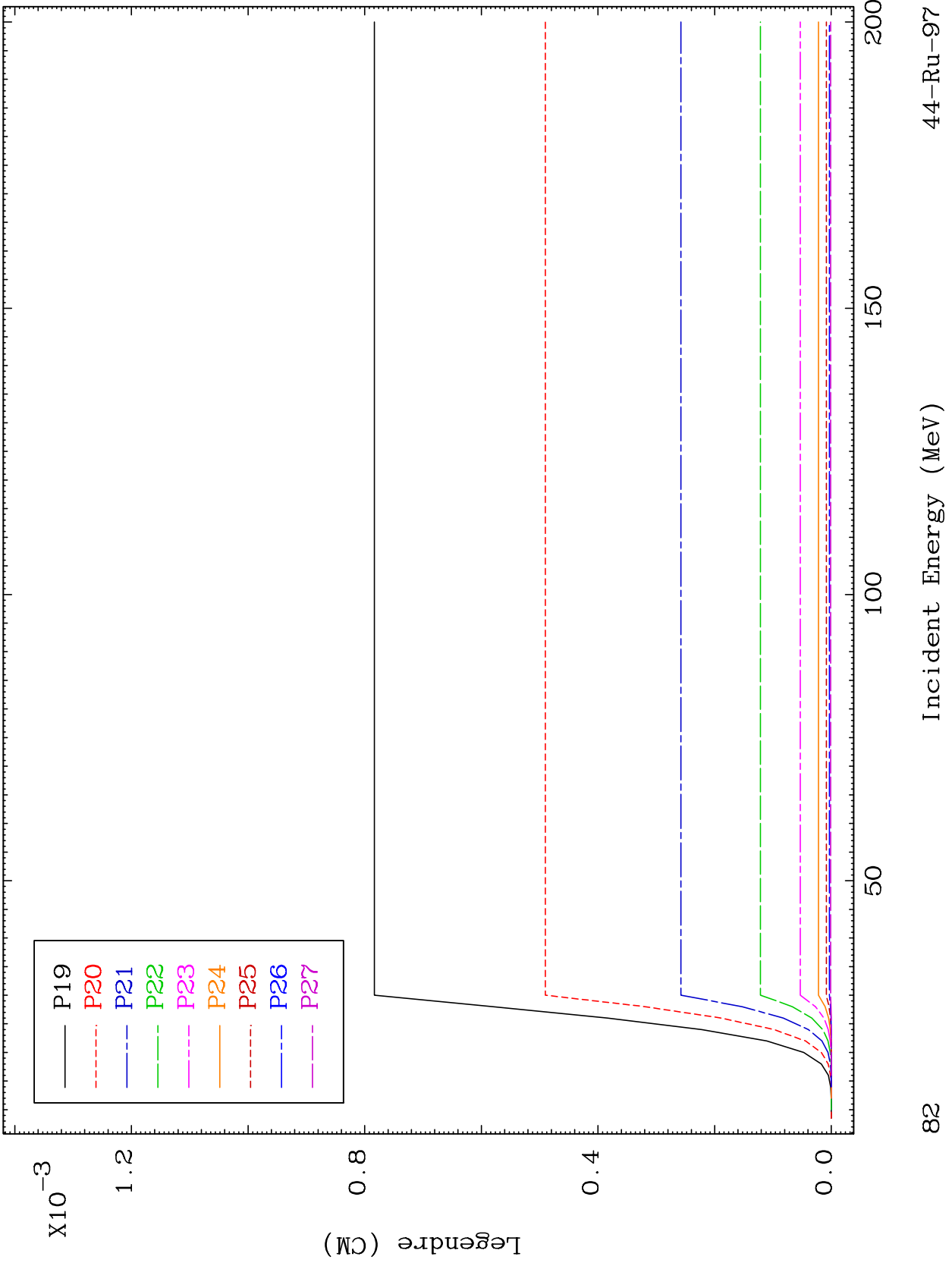
44-Ru-97



MAT 4428

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

44-Ru-97



82

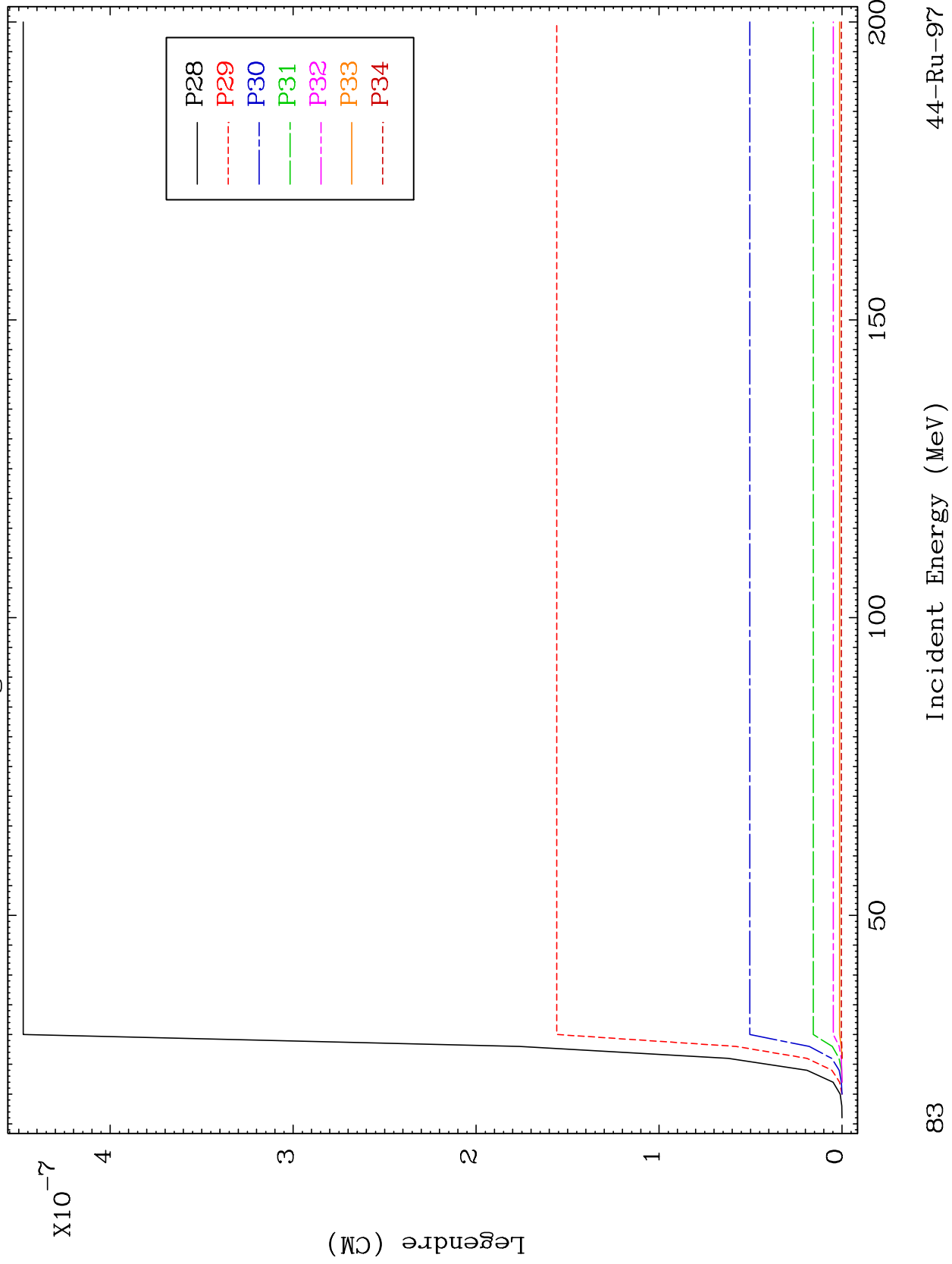
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



83

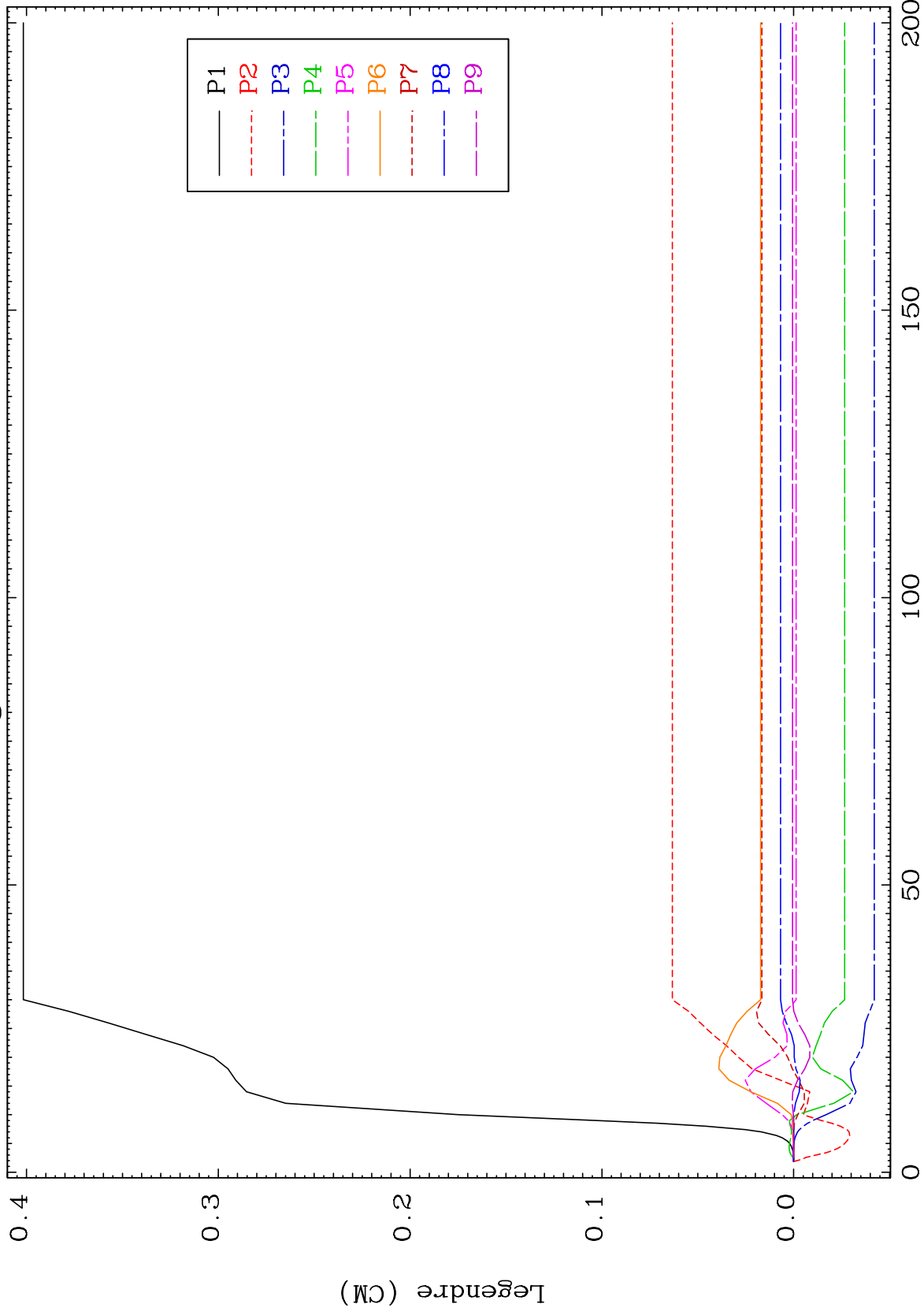
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



84

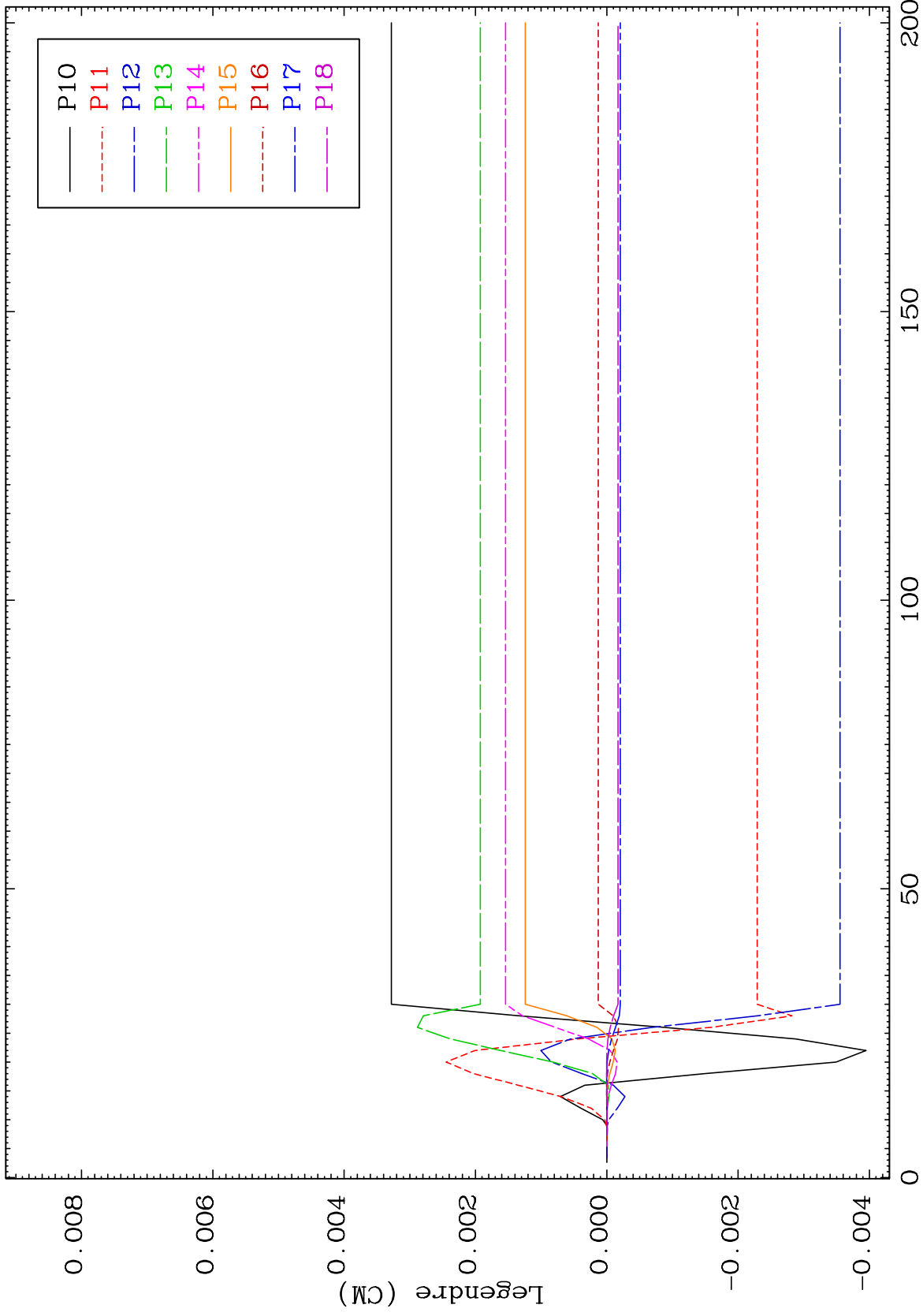
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

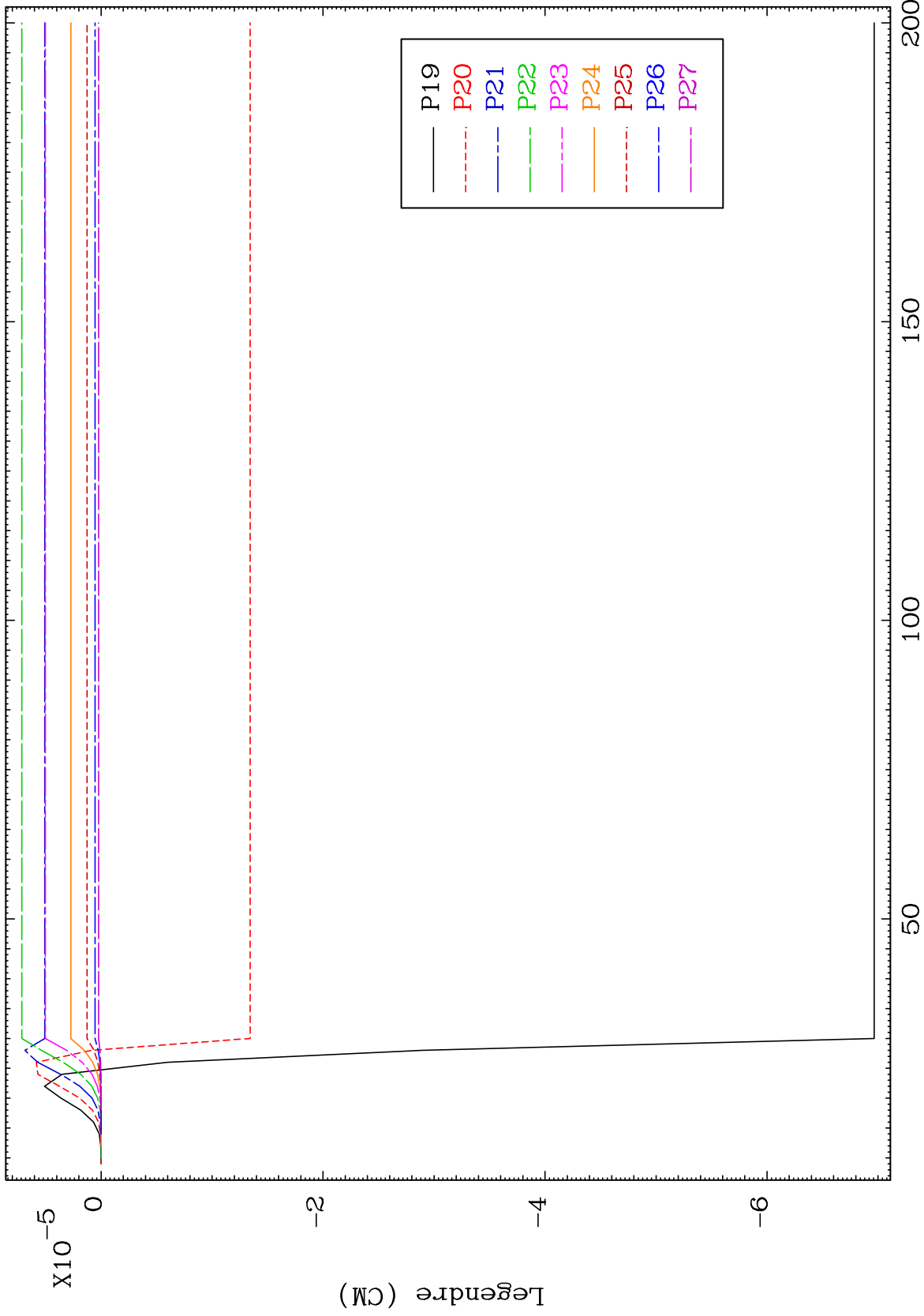
44-Ru-97



85

Incident Energy (MeV)

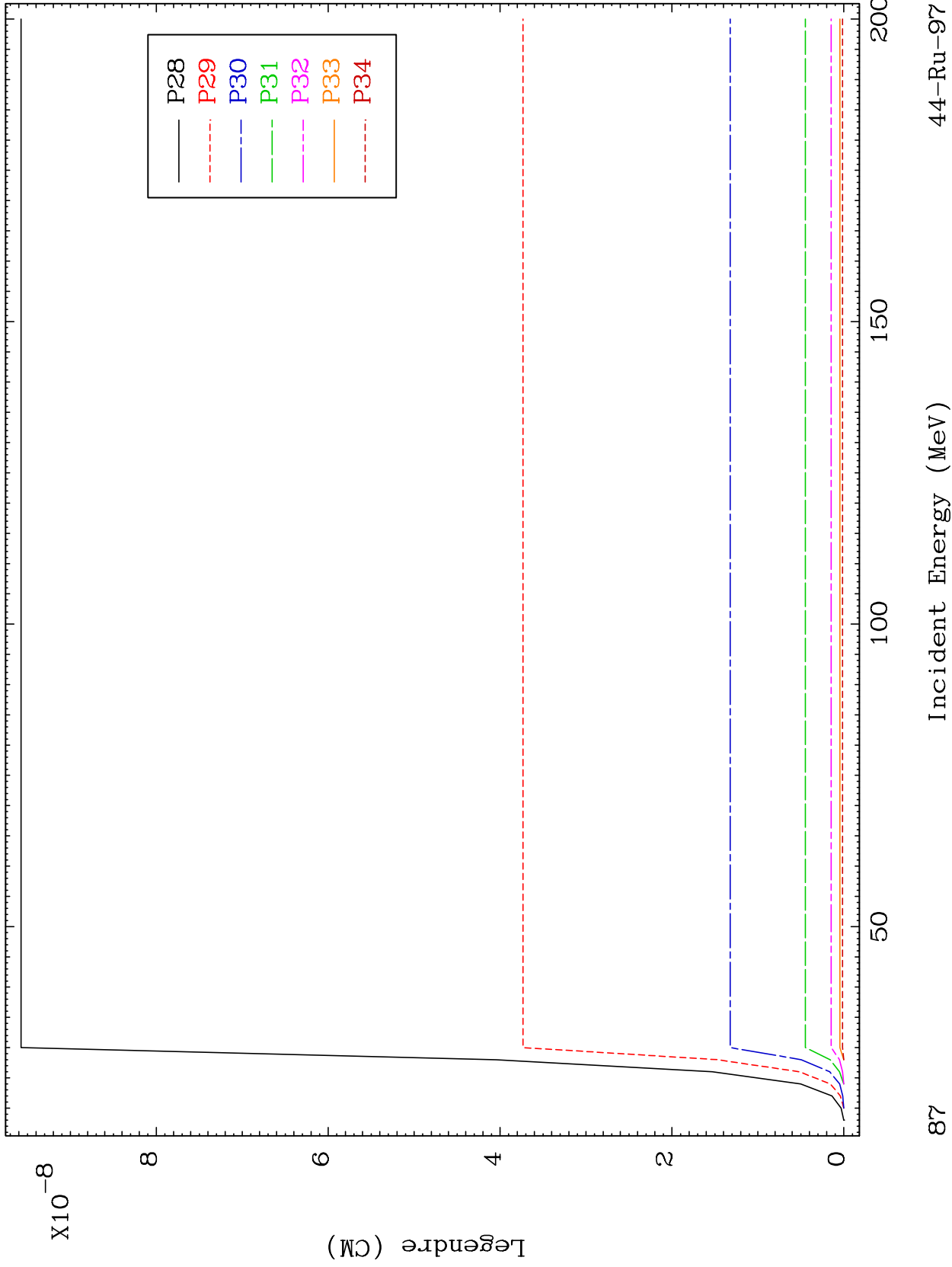
44-Ru-97



MAT 4428

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

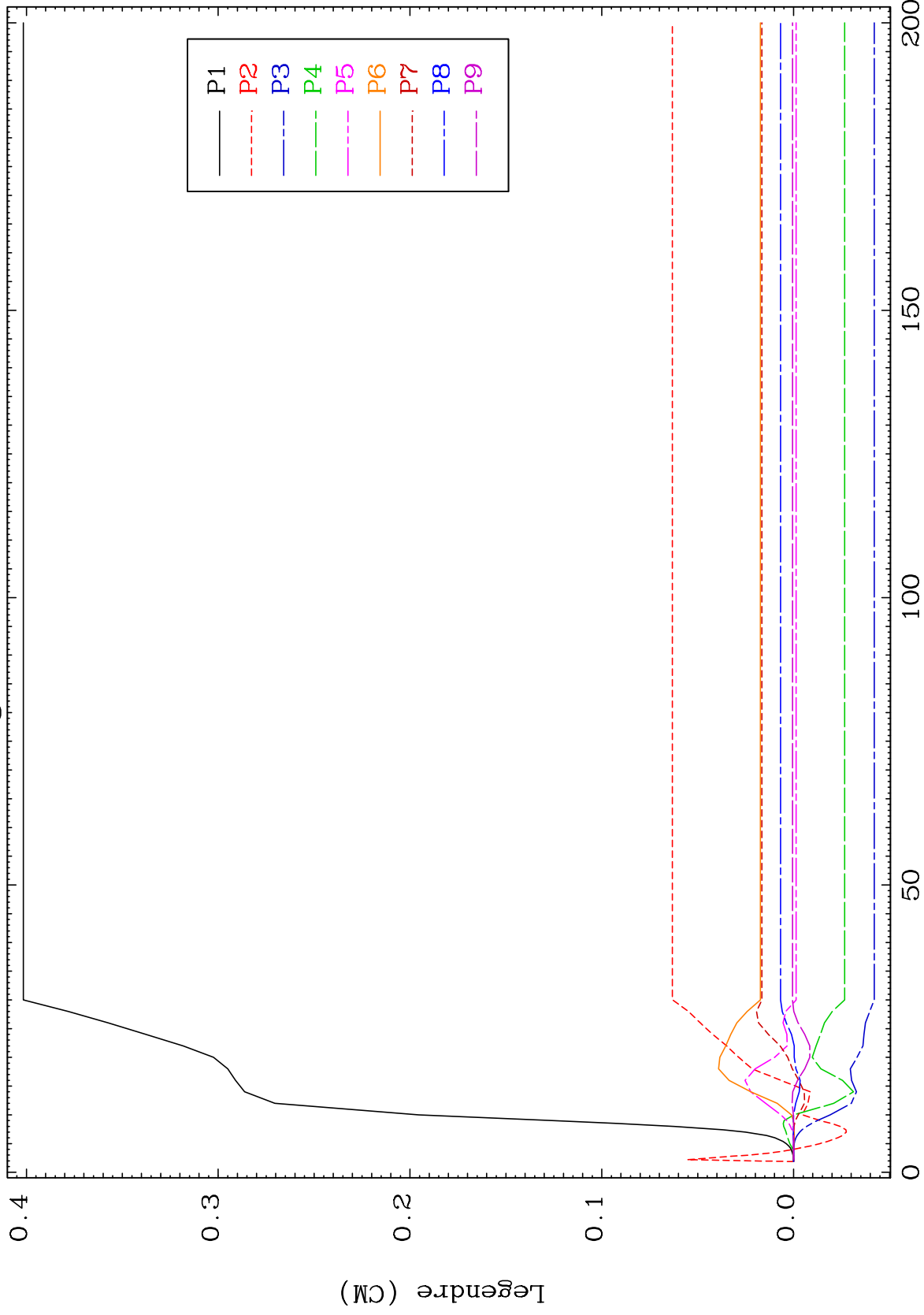
44-Ru-97



MAT 4428

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

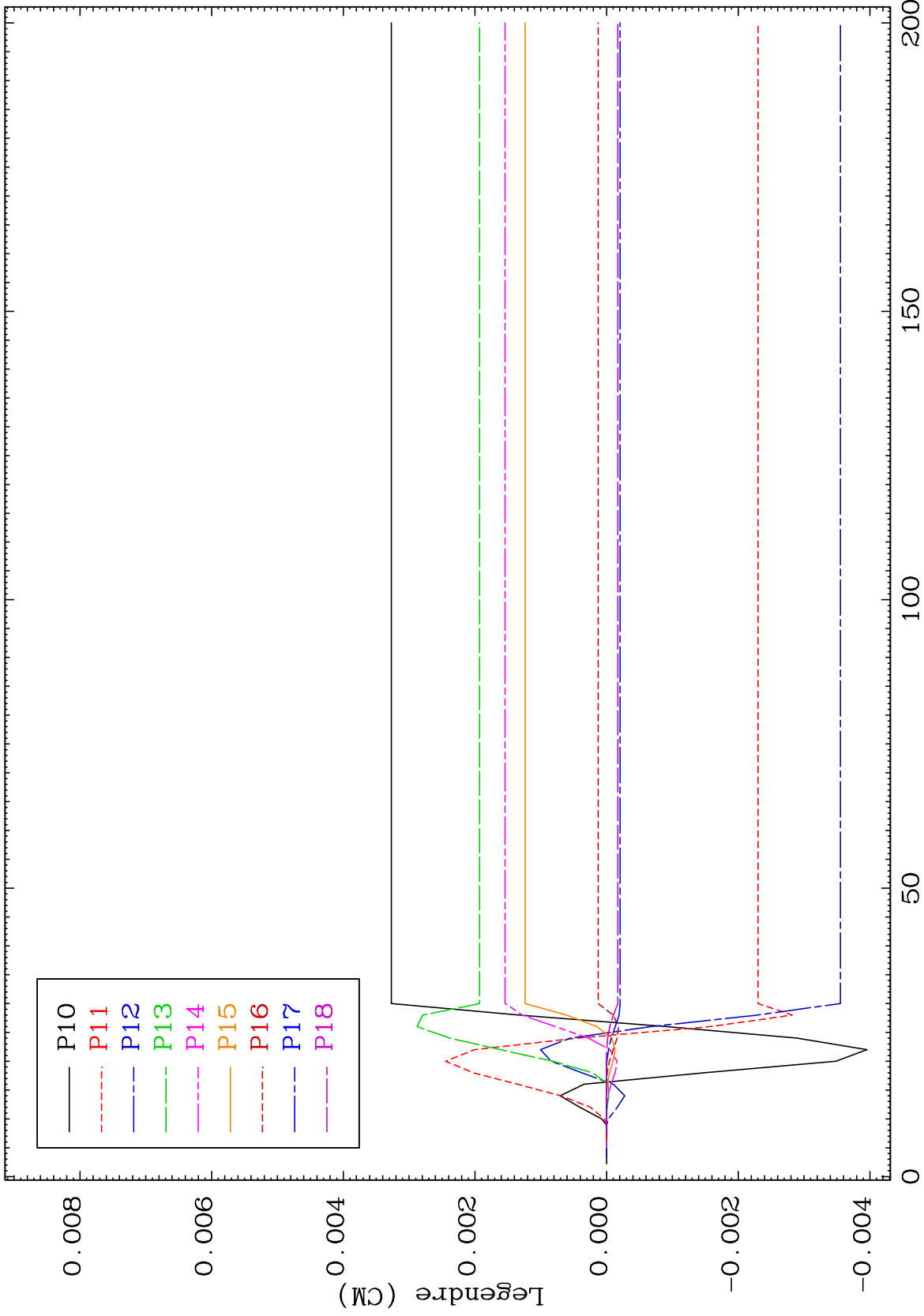
44-Ru-97



44-Ru-97

Incident Energy (MeV)

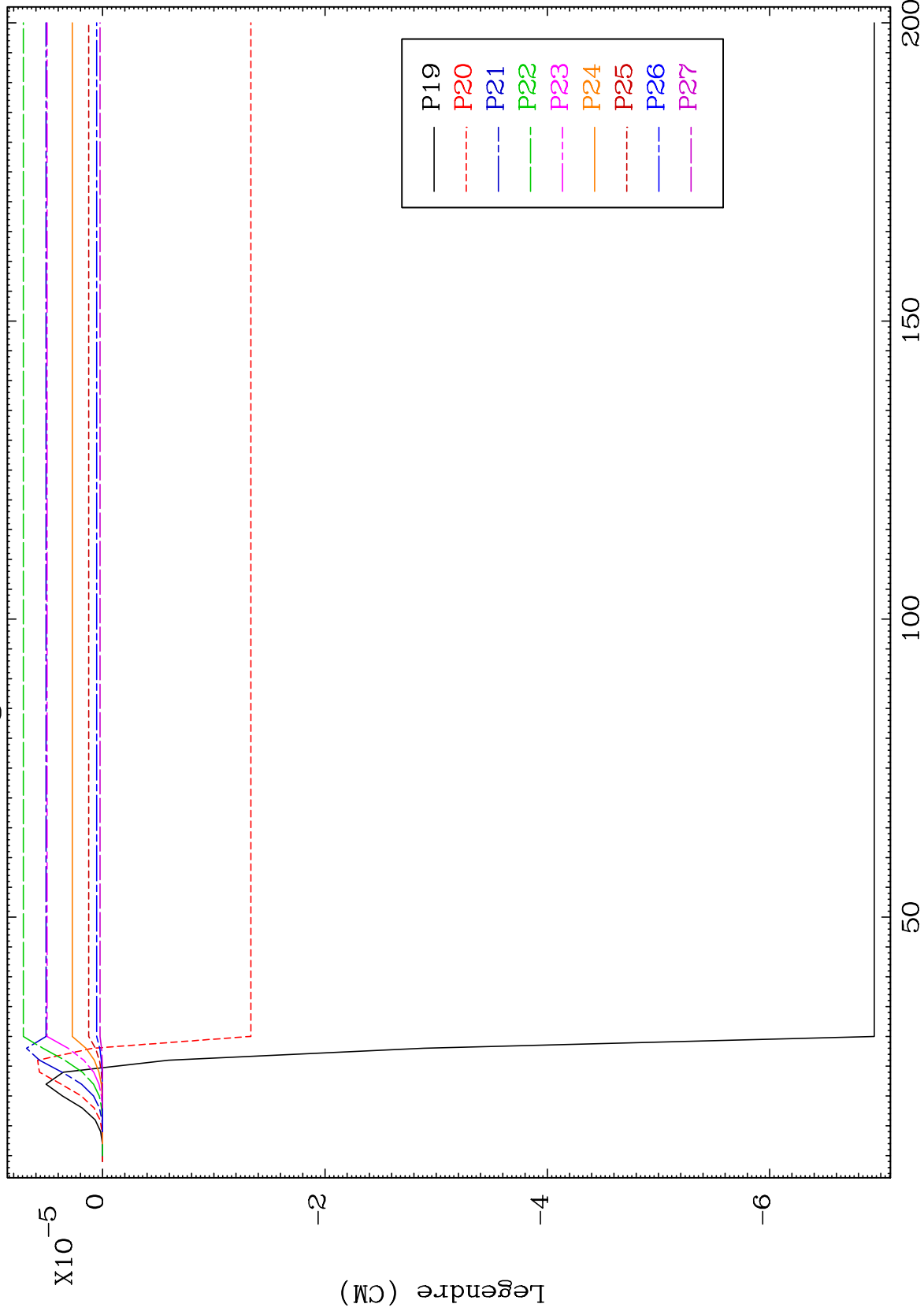
88



MAT 4428

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

44-Ru-97



90

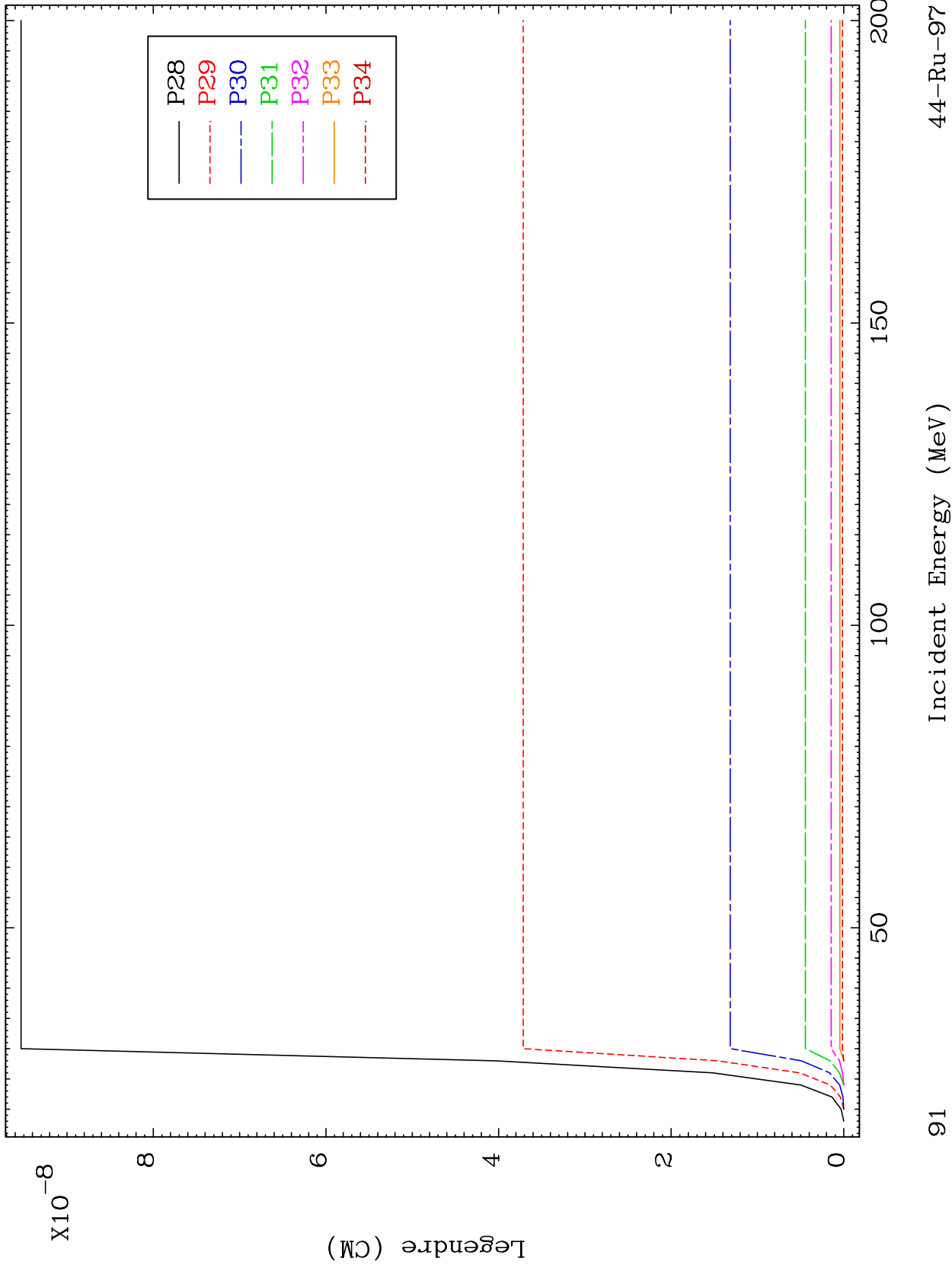
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

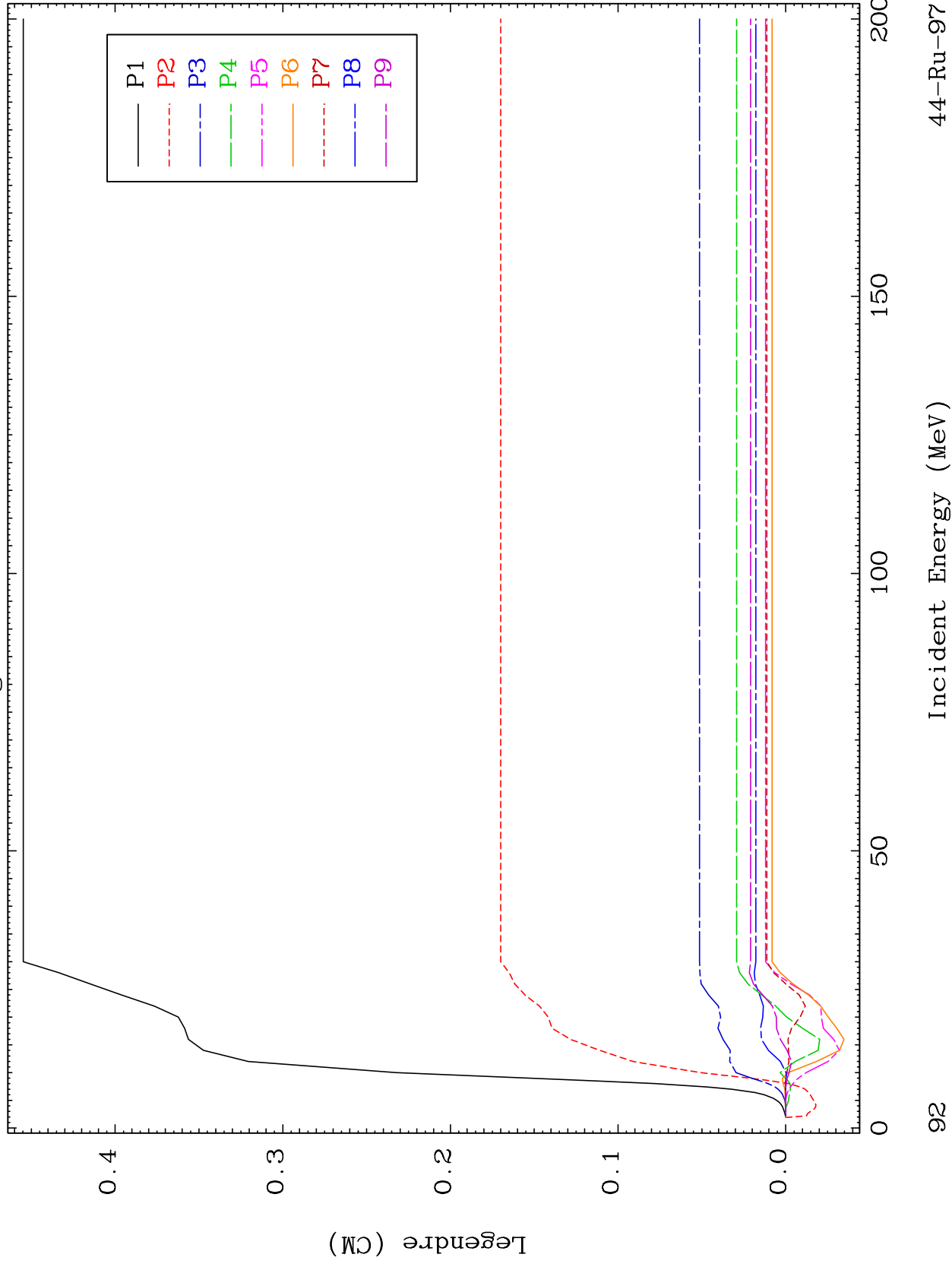
44-Ru-97



MAT 4428

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

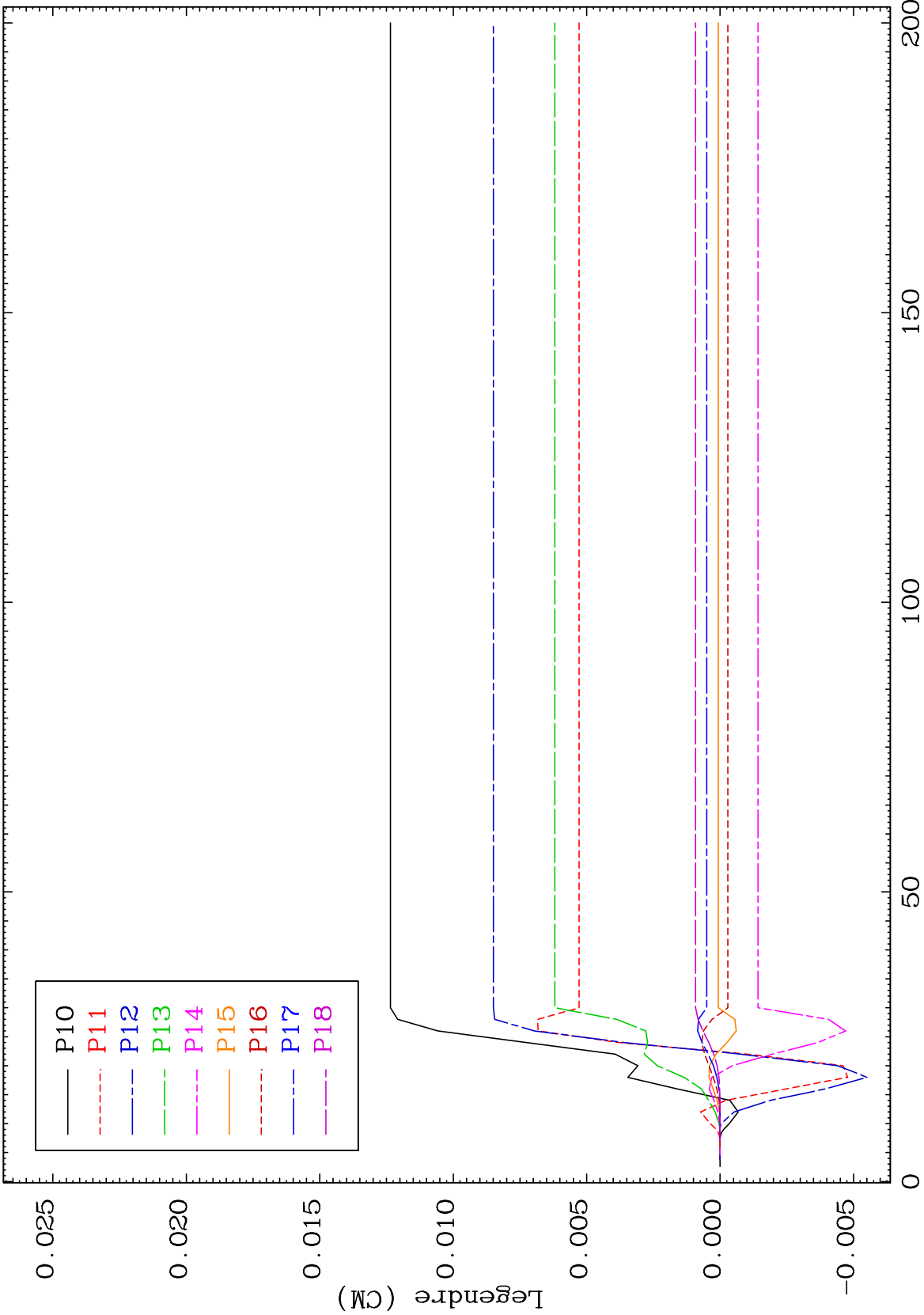
44-Ru-97



44-Ru-97

Incident Energy (MeV)

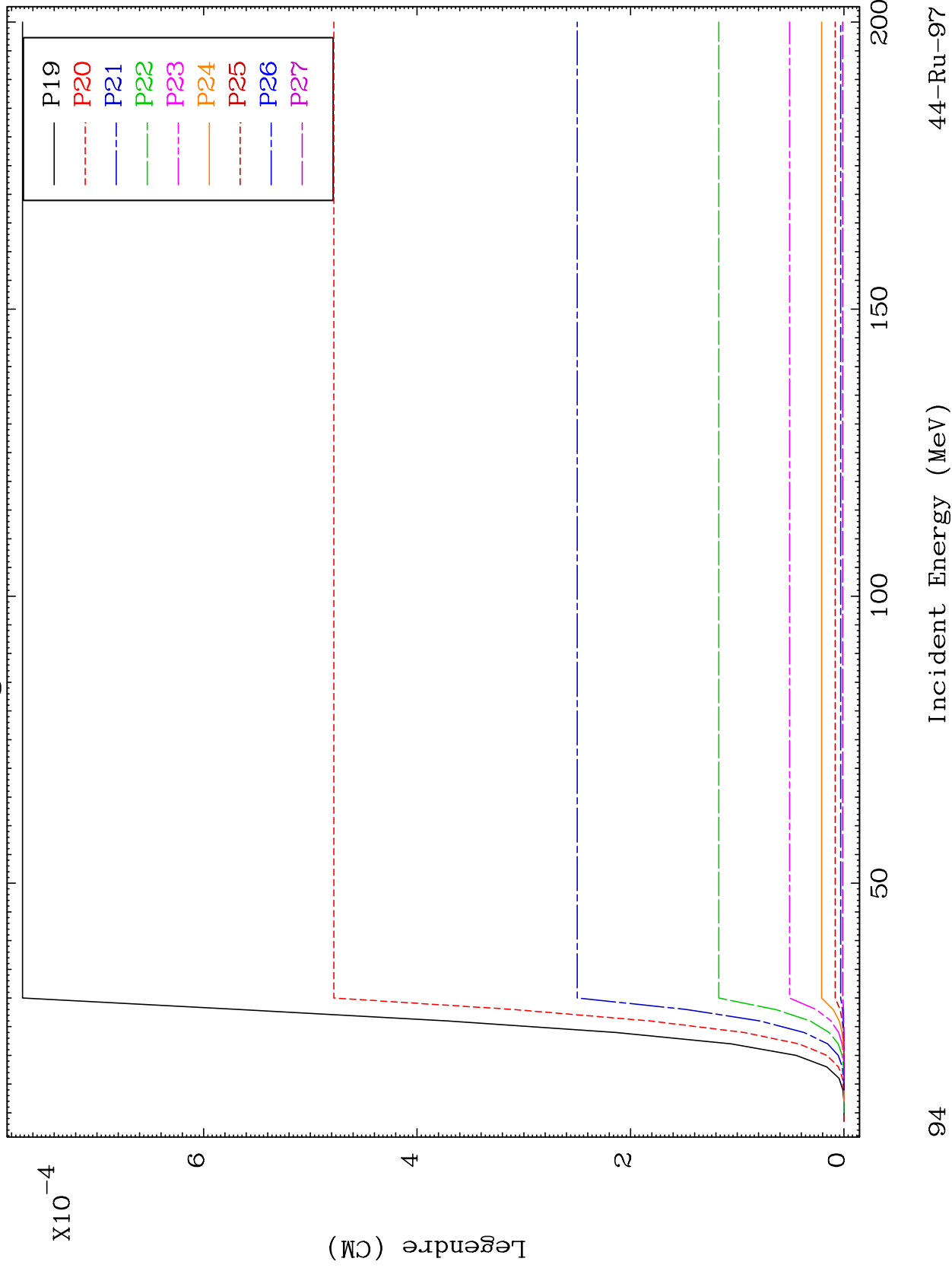
92



MAT 4428

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

44-Ru-97

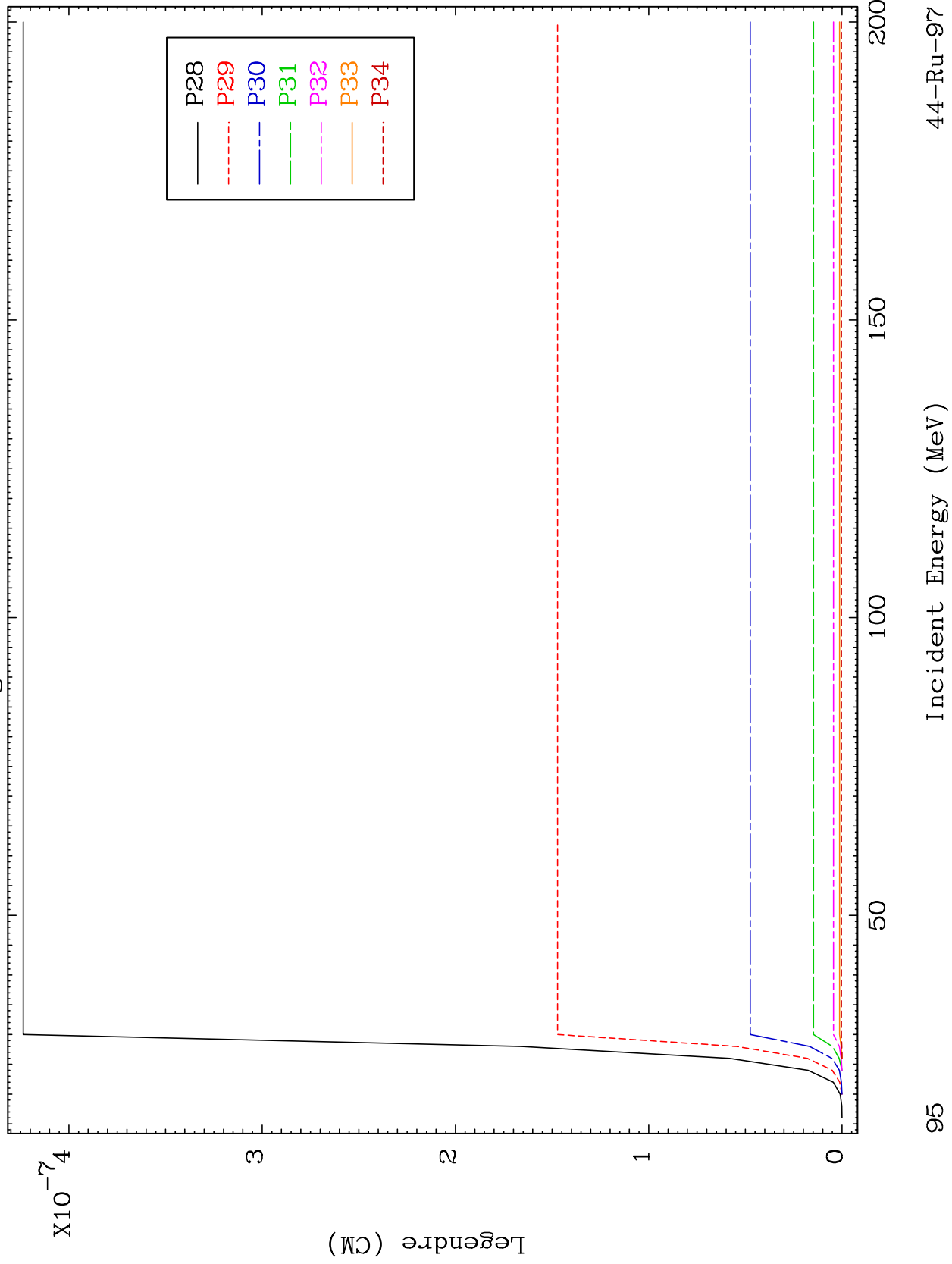


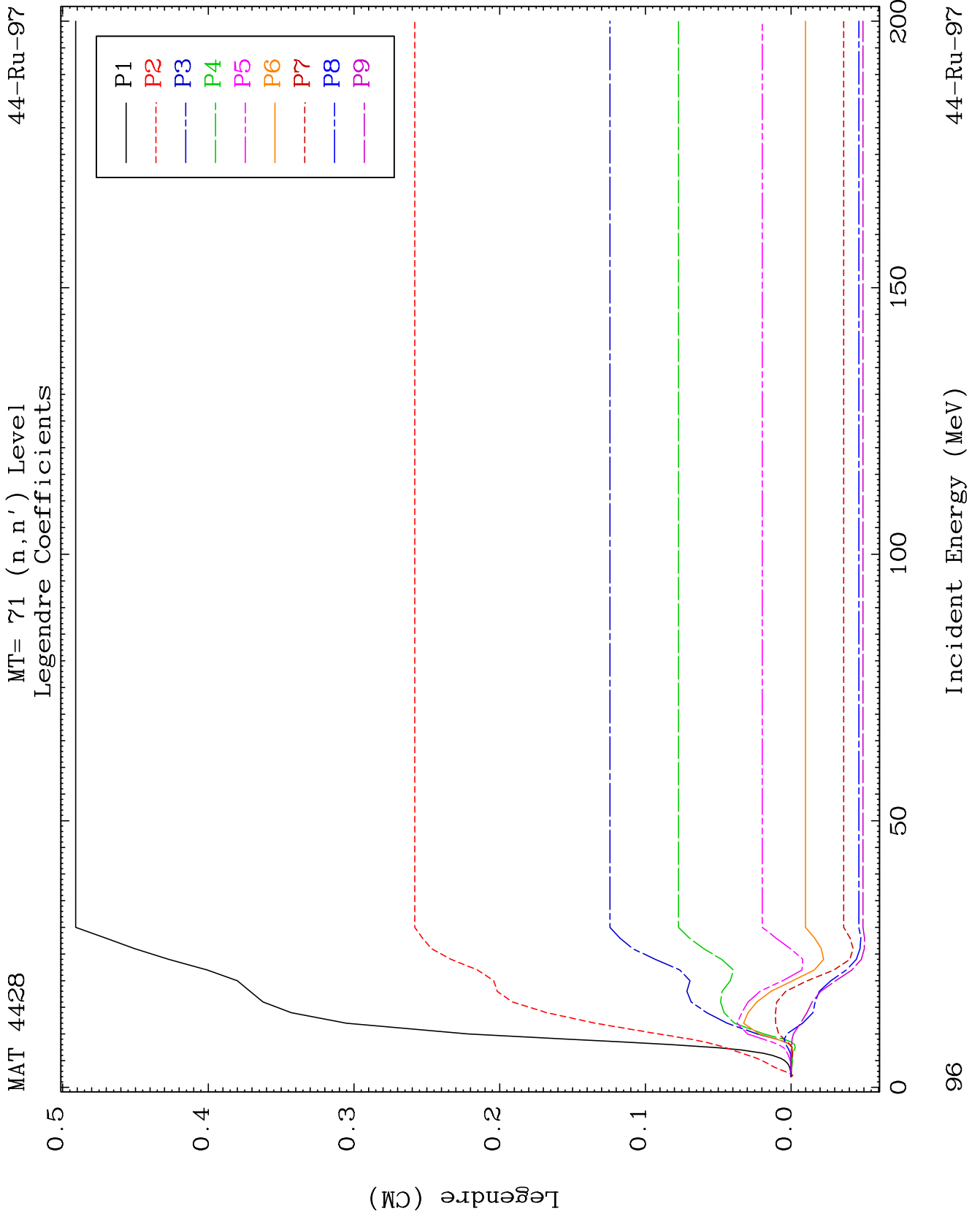
94

MAT 4428

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

44-Ru-97

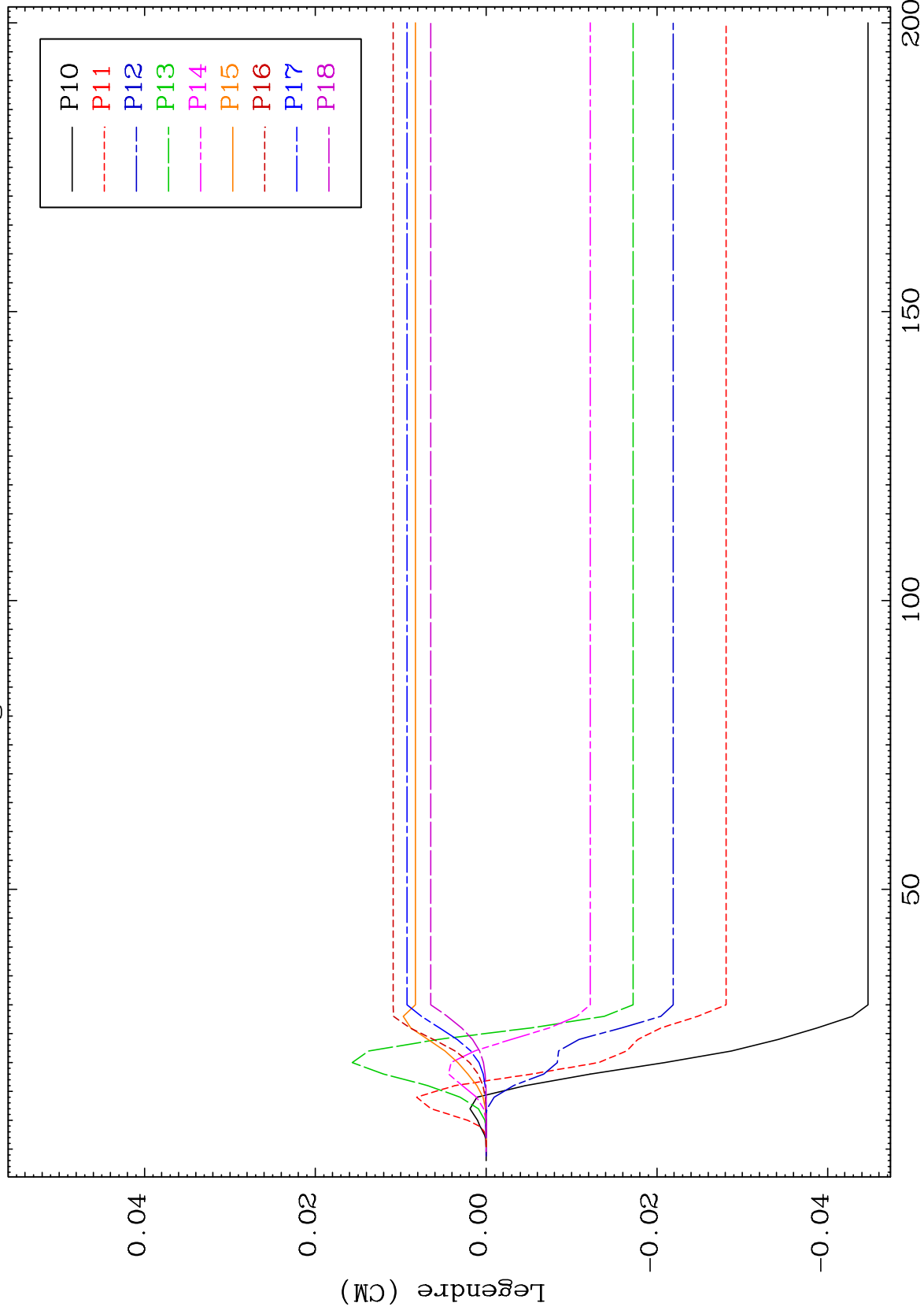




MAT 4428

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

44-Ru-97



97

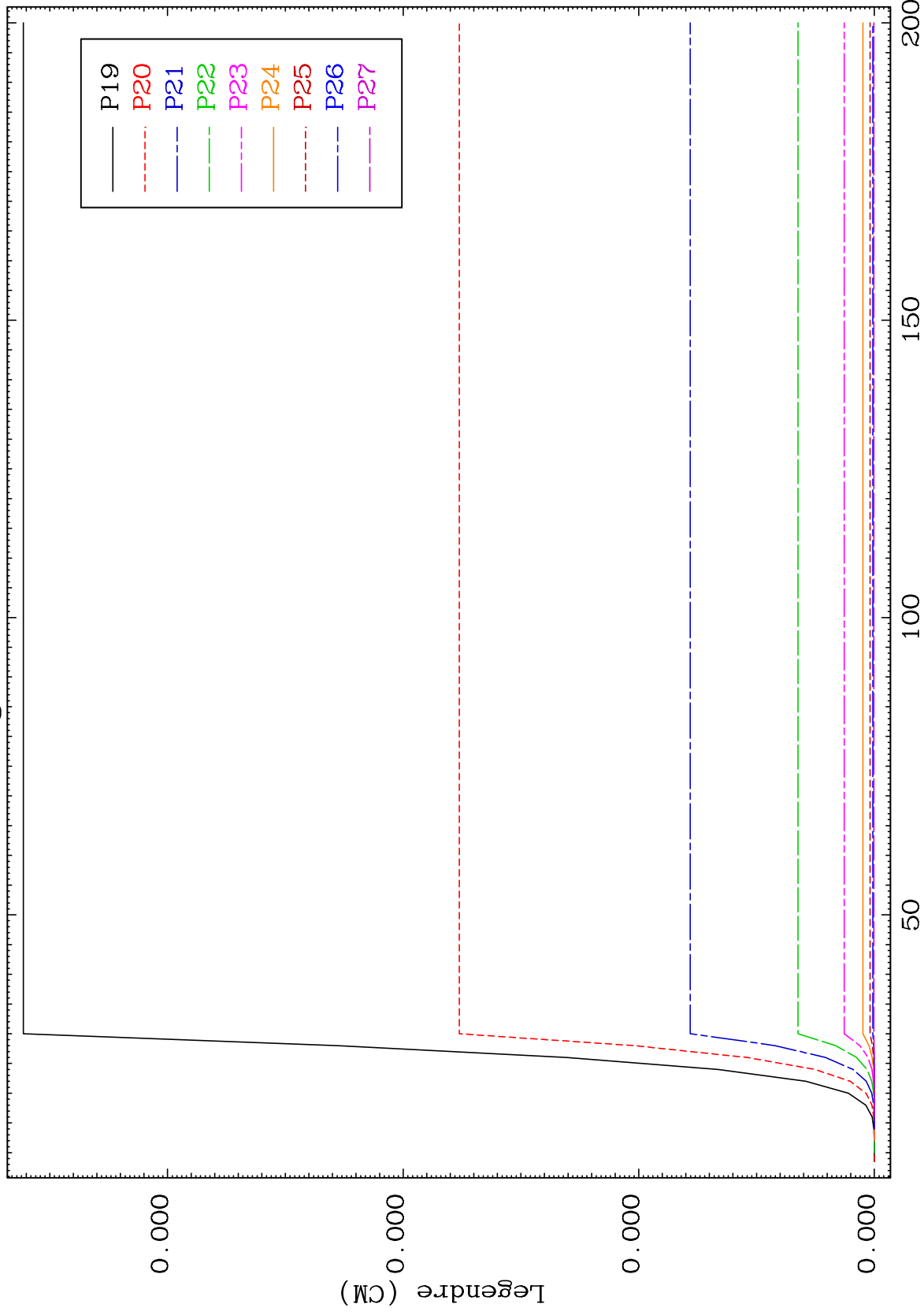
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



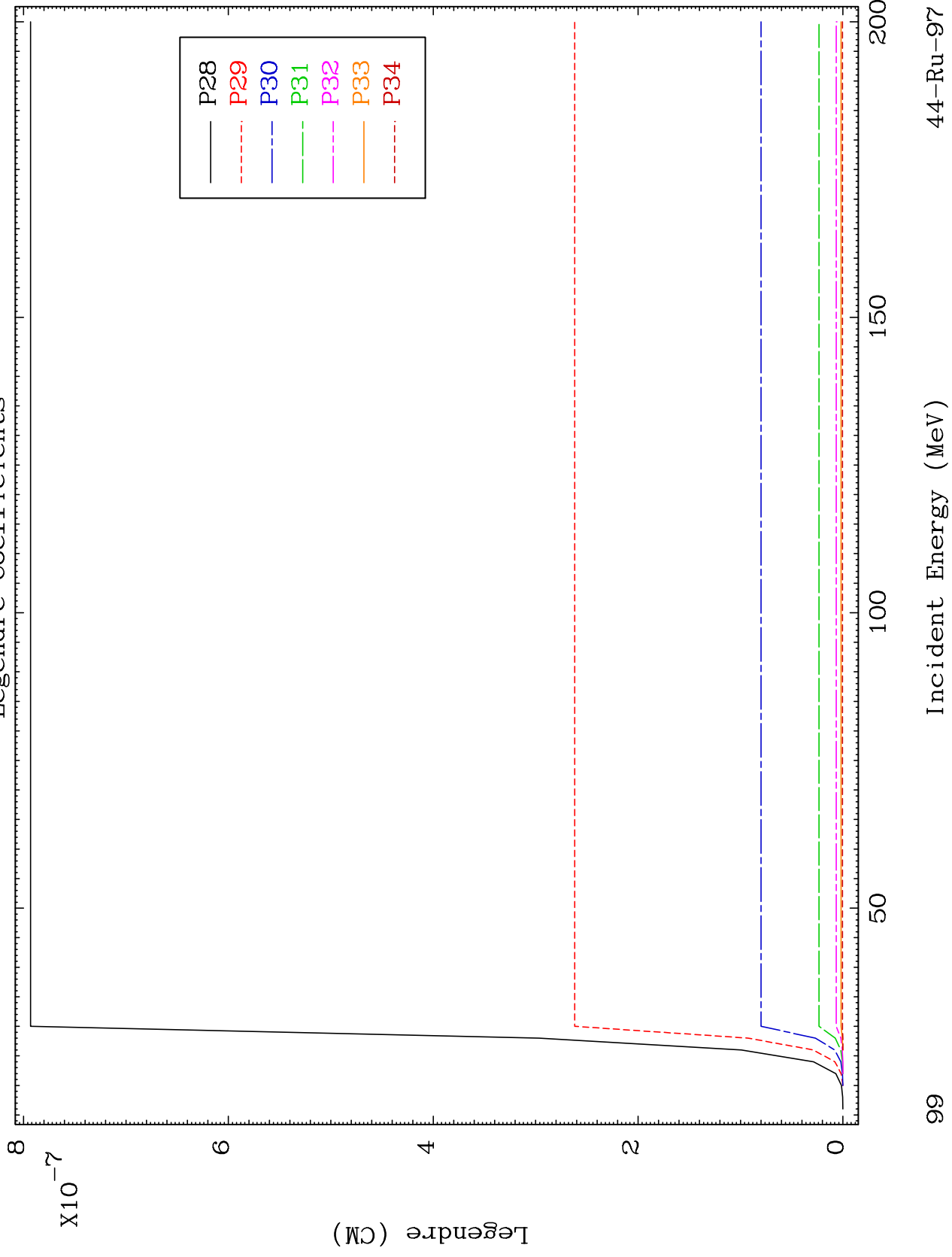
98

44-Ru-97

MAT 4428

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

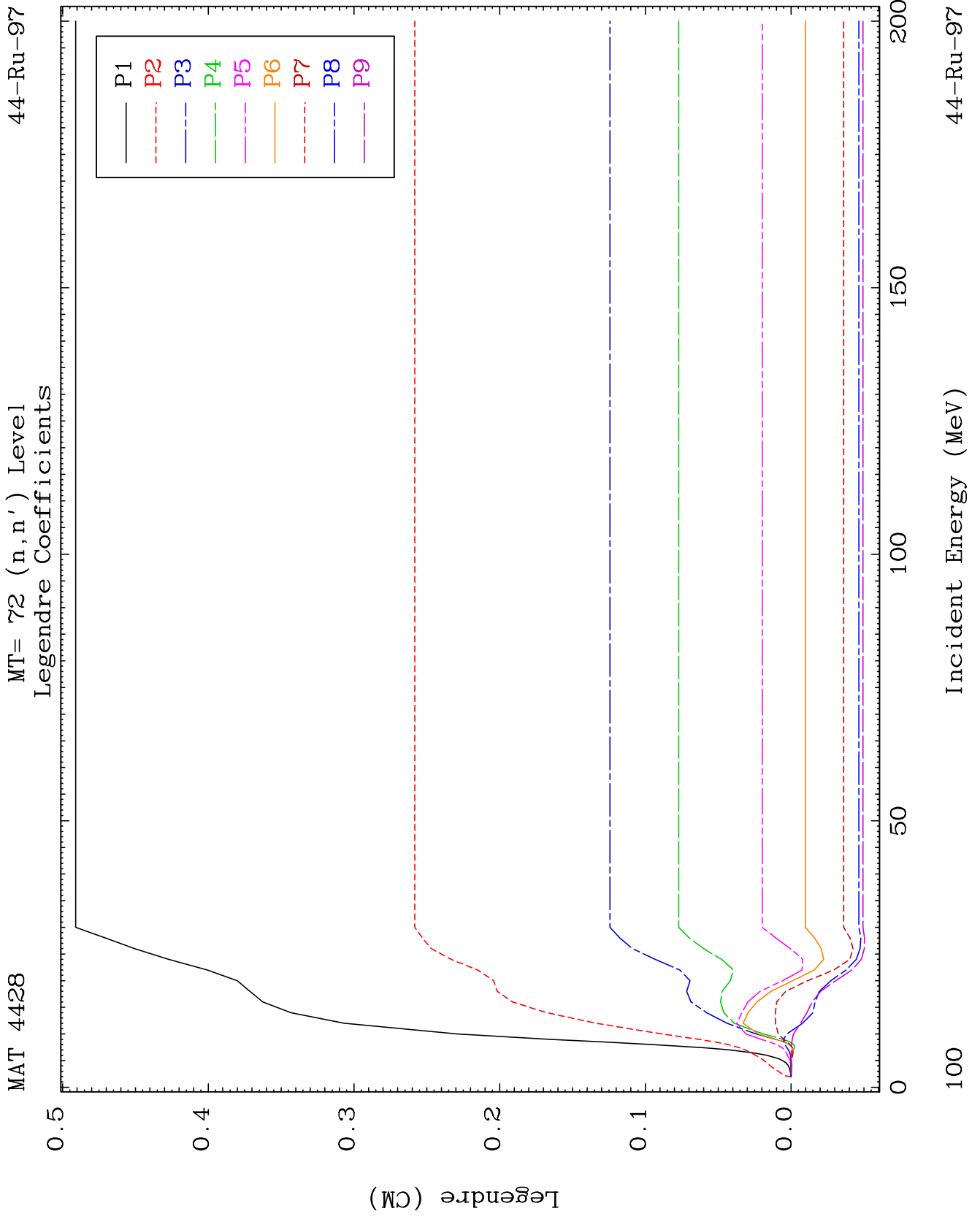
44-Ru-97



99

Incident Energy (MeV)

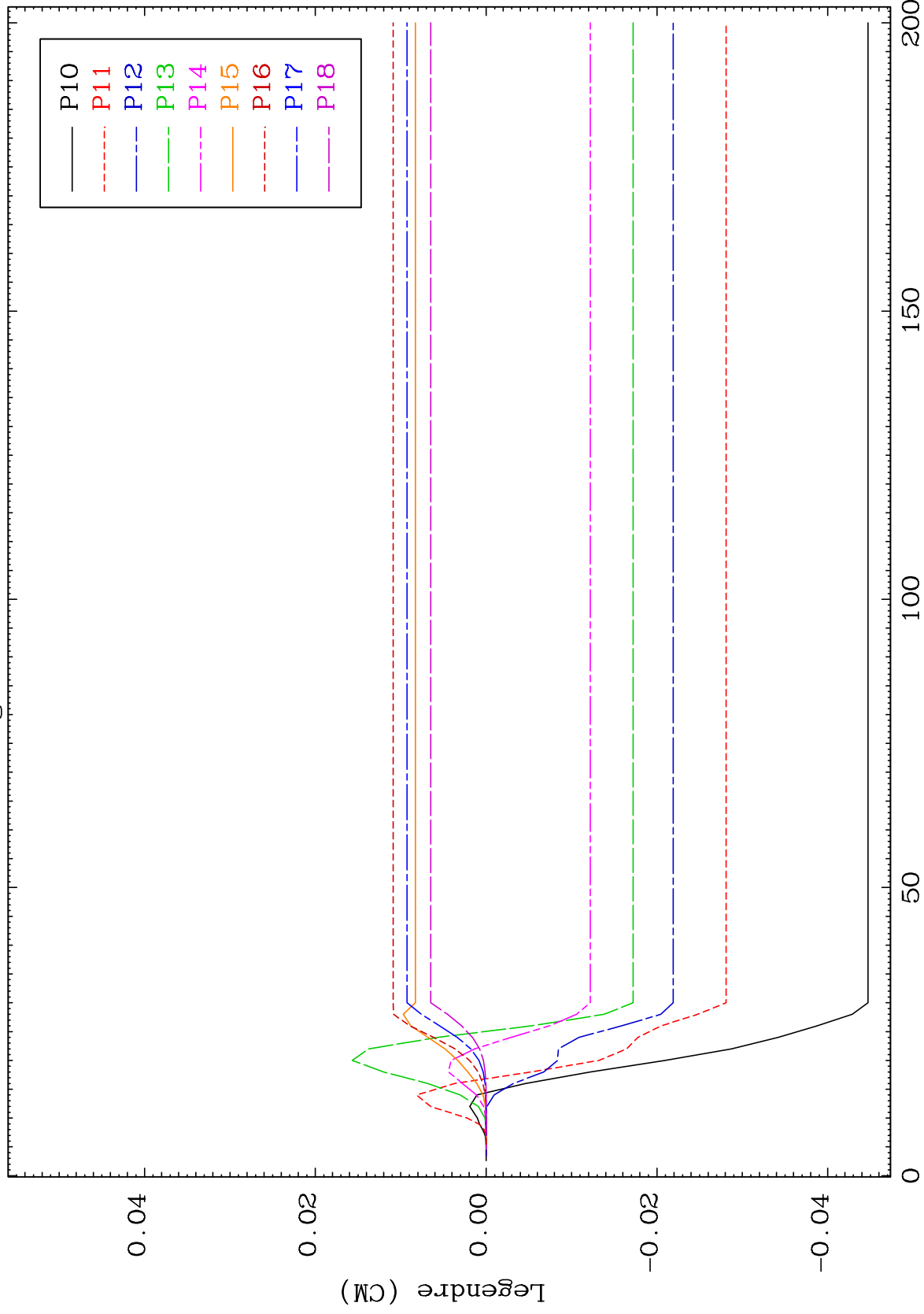
44-Ru-97



MAT 4428

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

44-Ru-97



101

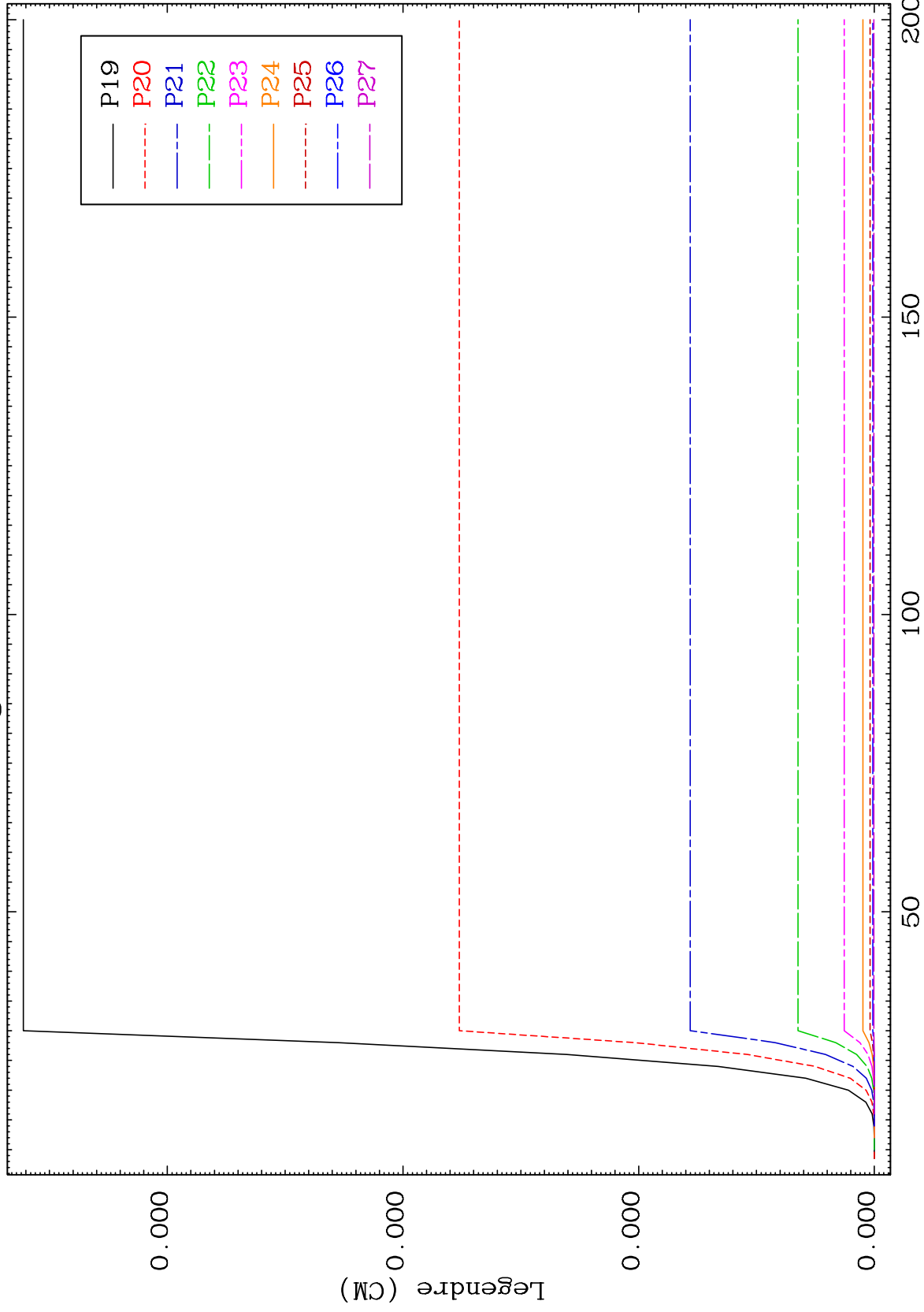
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



102

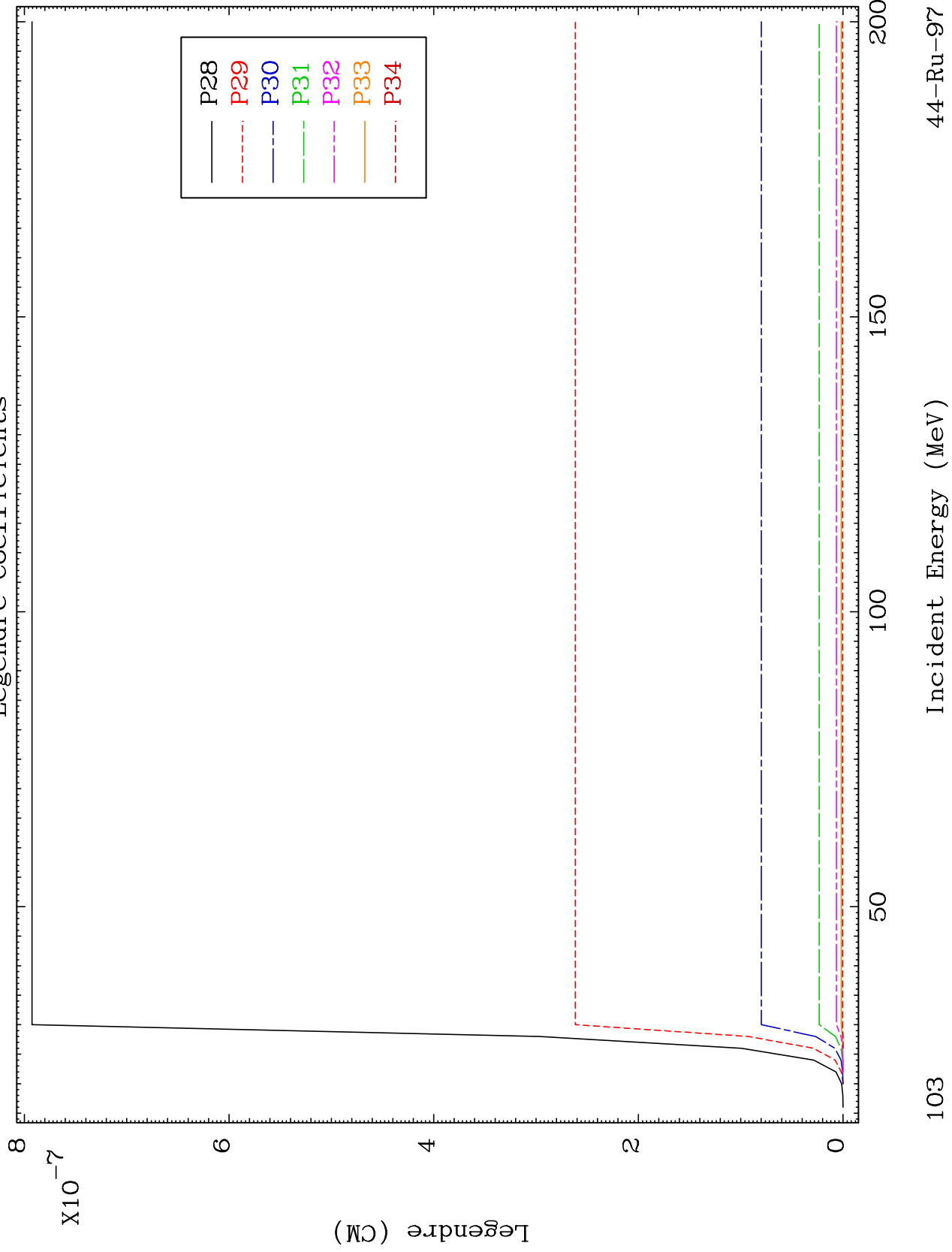
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



44-Ru-97

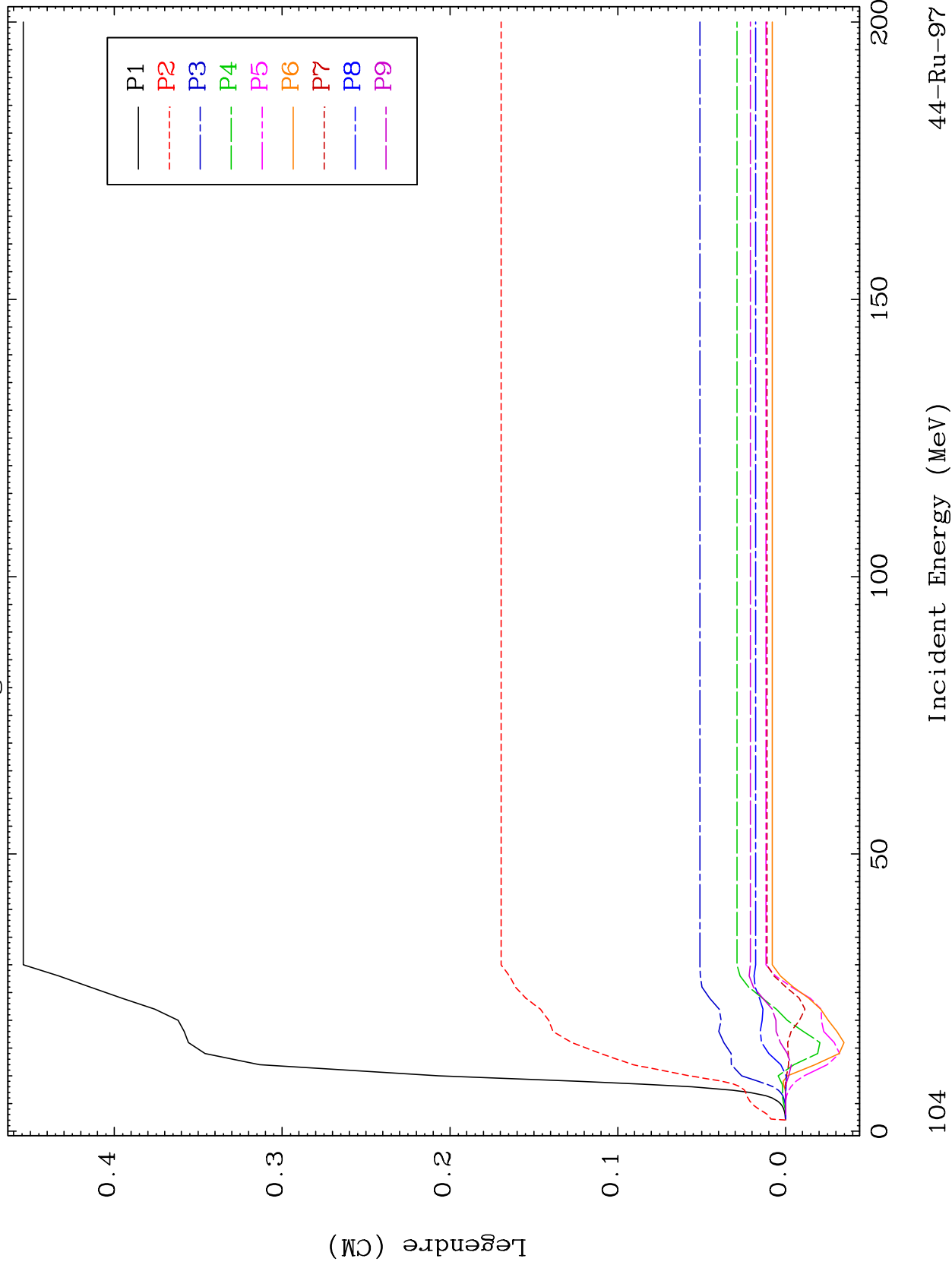
Incident Energy (MeV)

103

MAT 4428

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

44-Ru-97



44-Ru-97

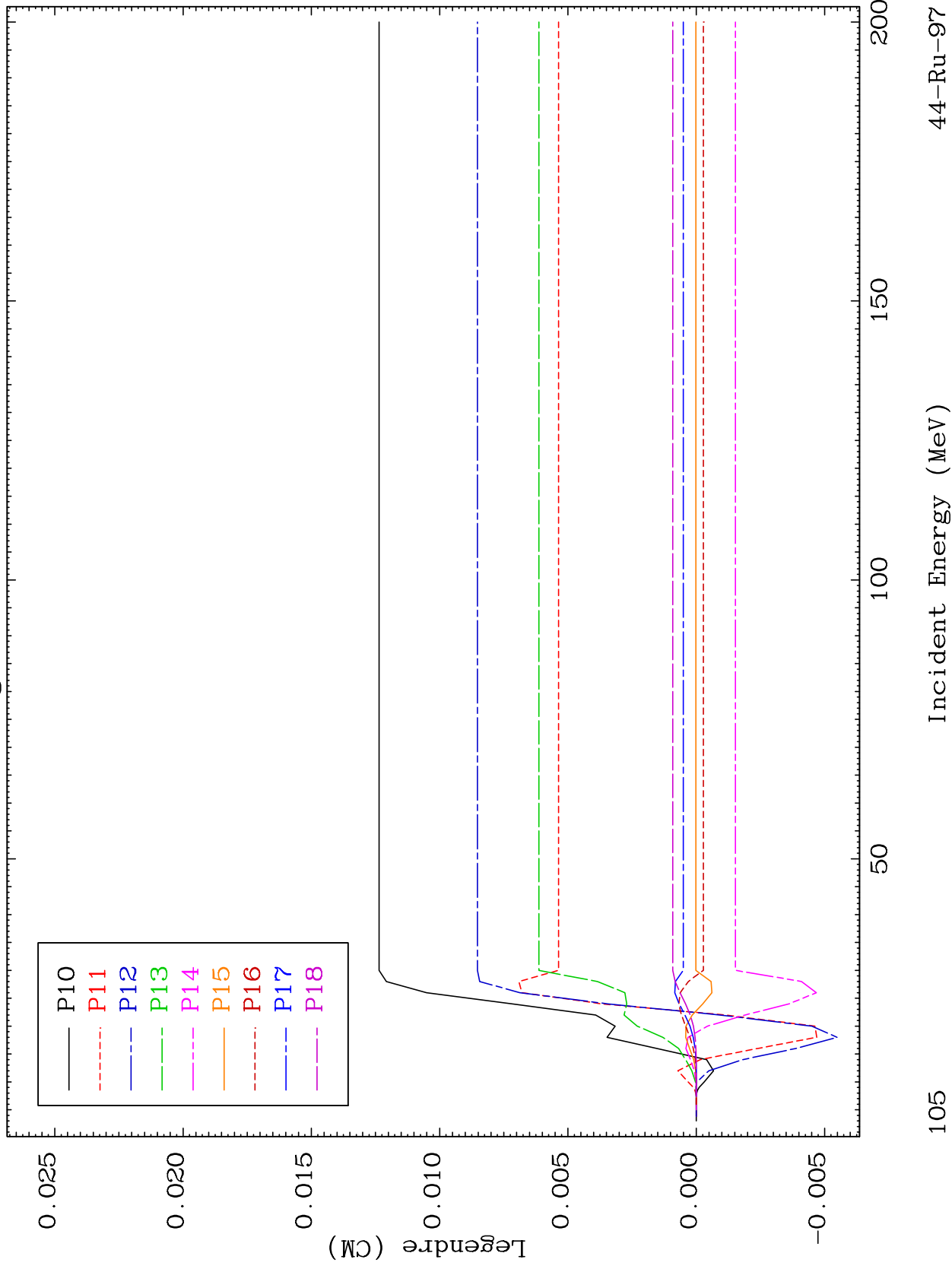
Incident Energy (MeV)

104

MAT 4428

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

44-Ru-97



105

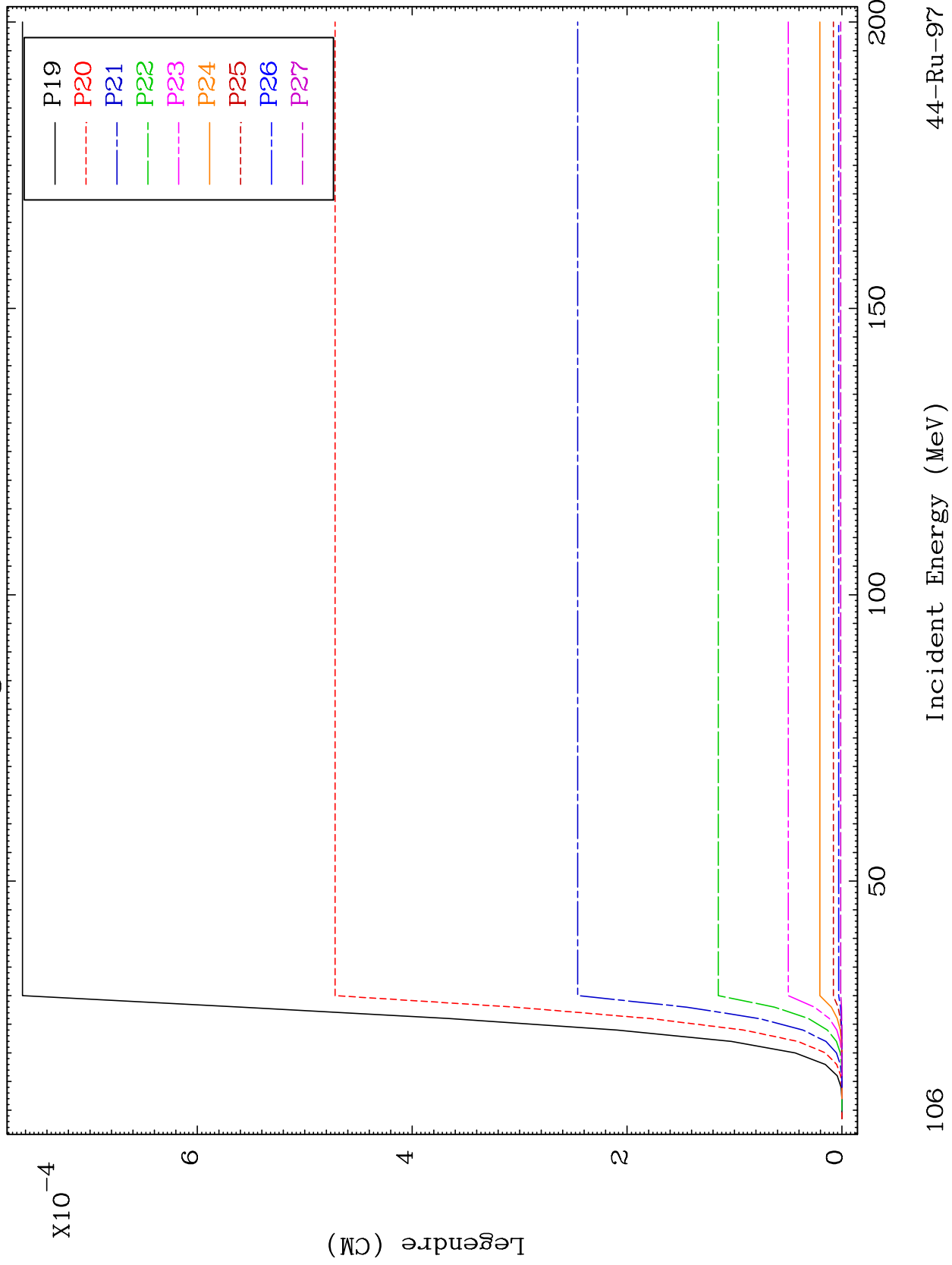
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

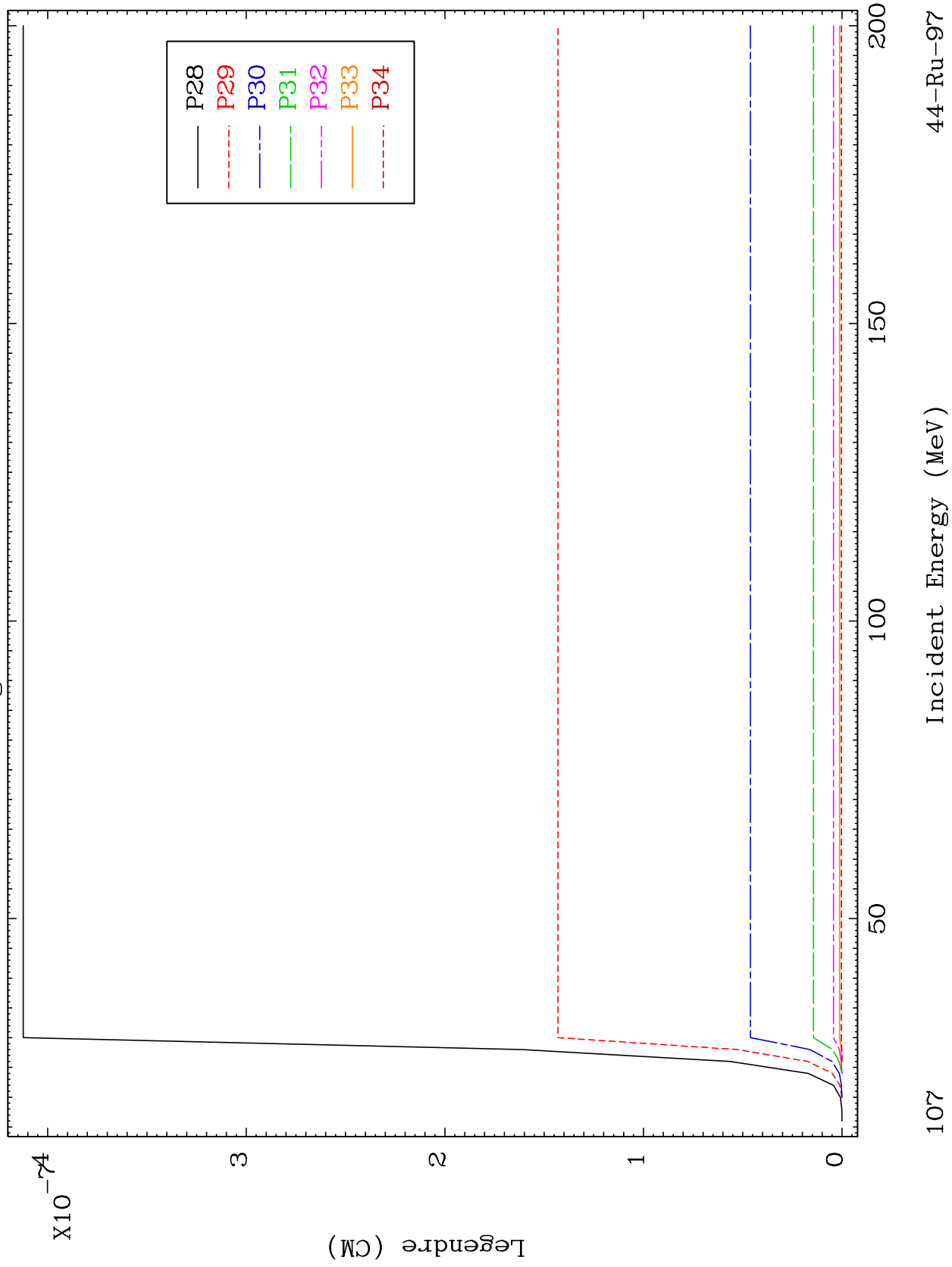
44-Ru-97

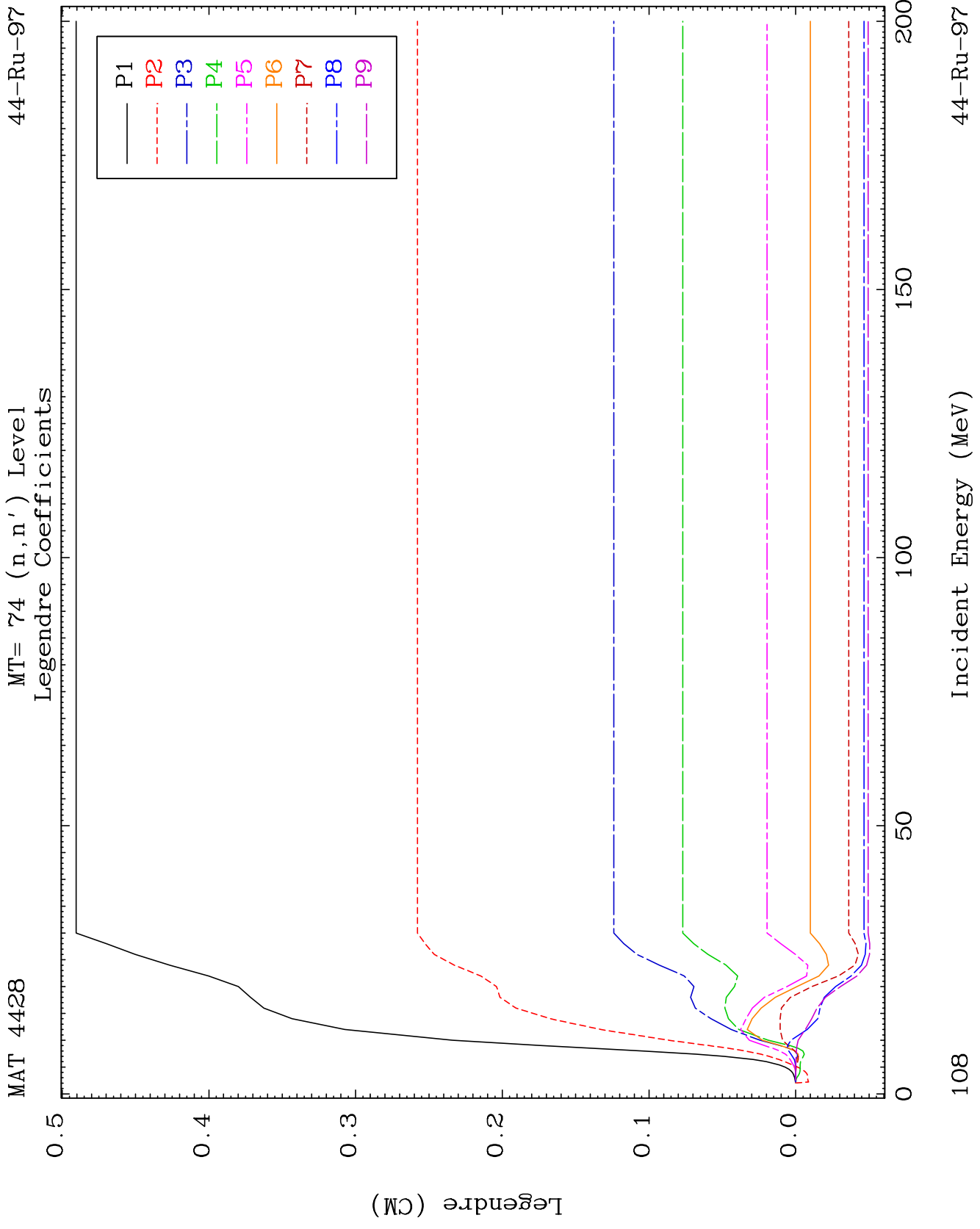


MAT 4428

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

44-Ru-97

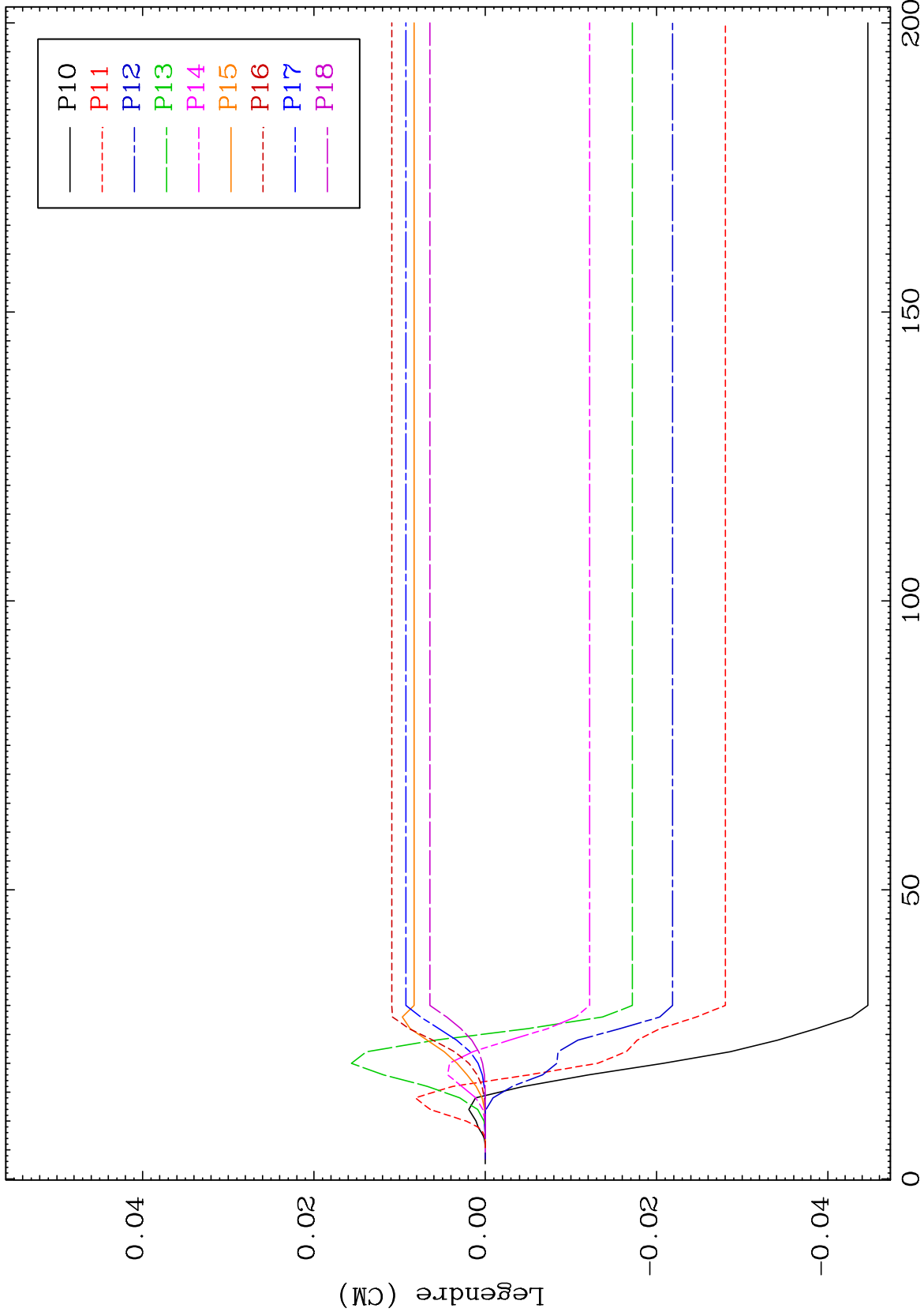




MAT 4428

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

44-Ru-97



109

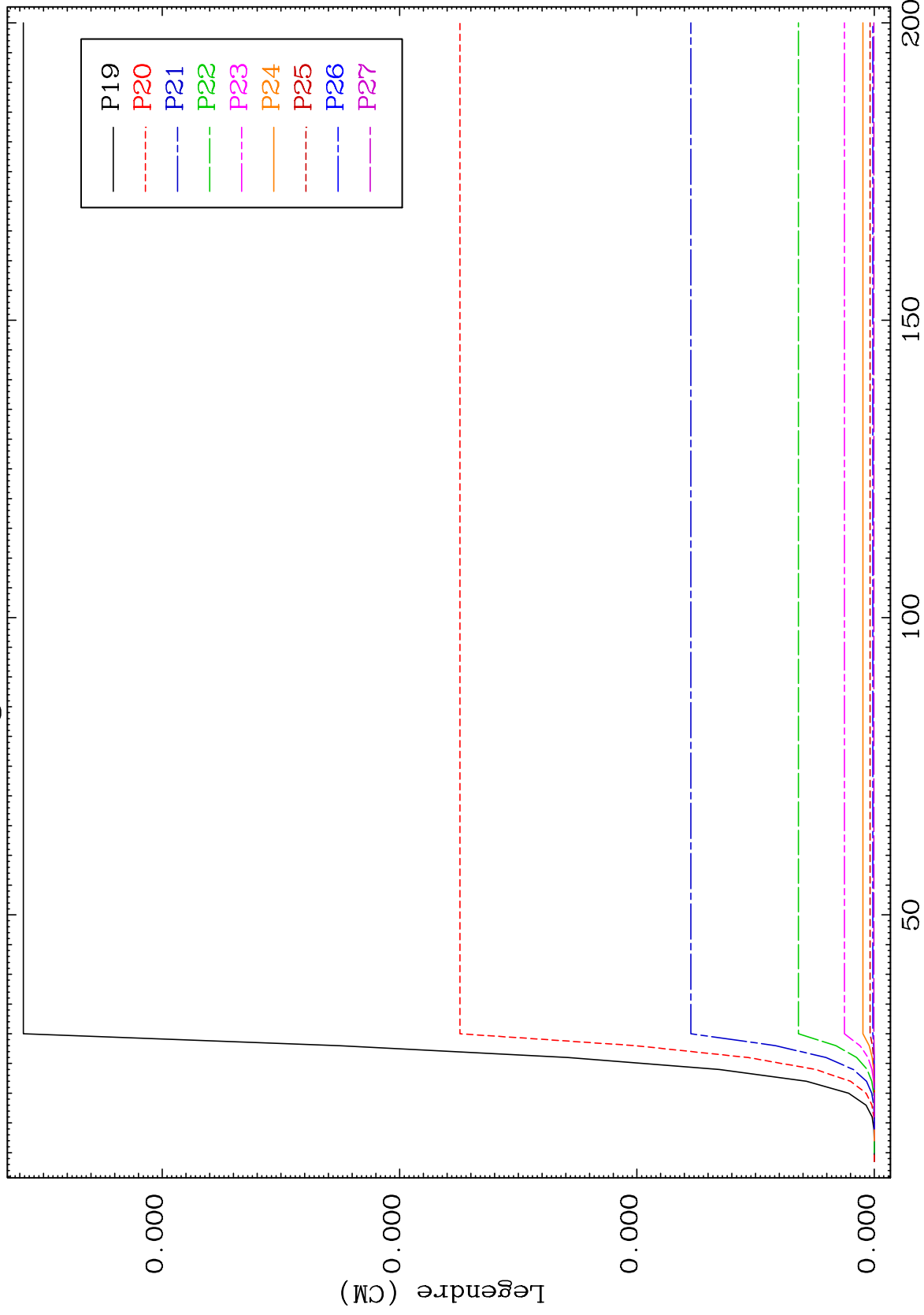
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



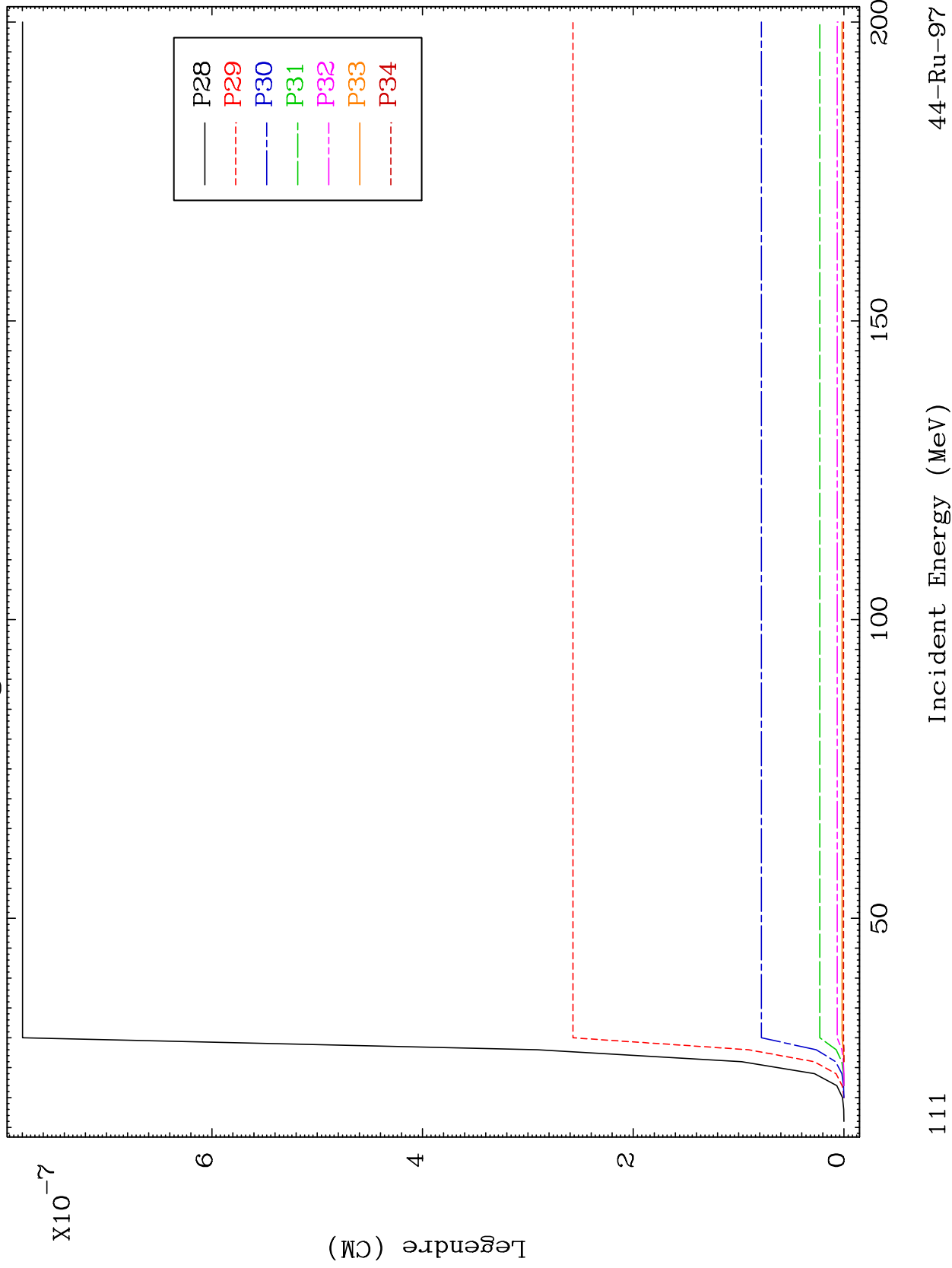
110

44-Ru-97

MAT 4428

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

44-Ru-97



111

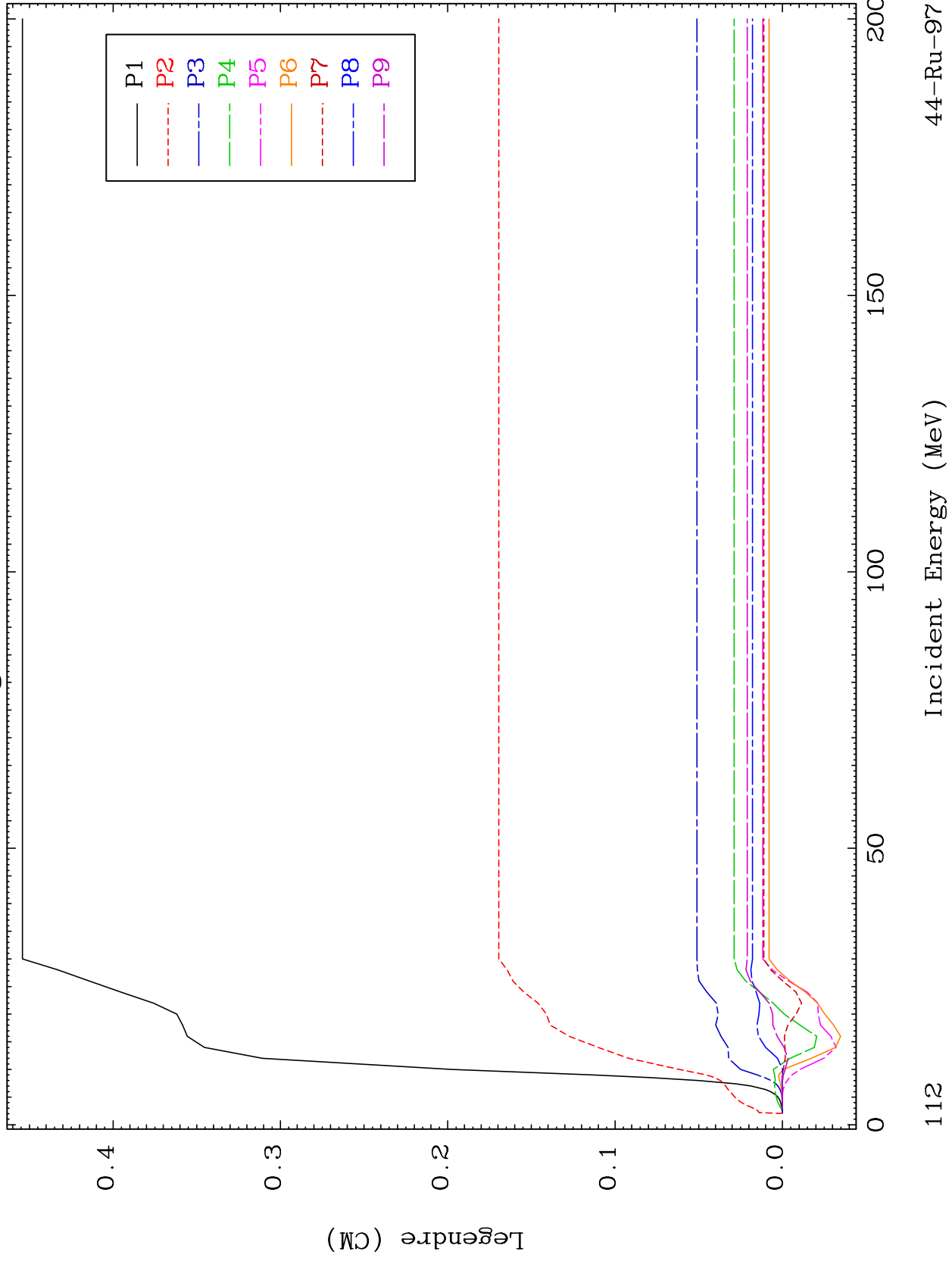
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



44-Ru-97

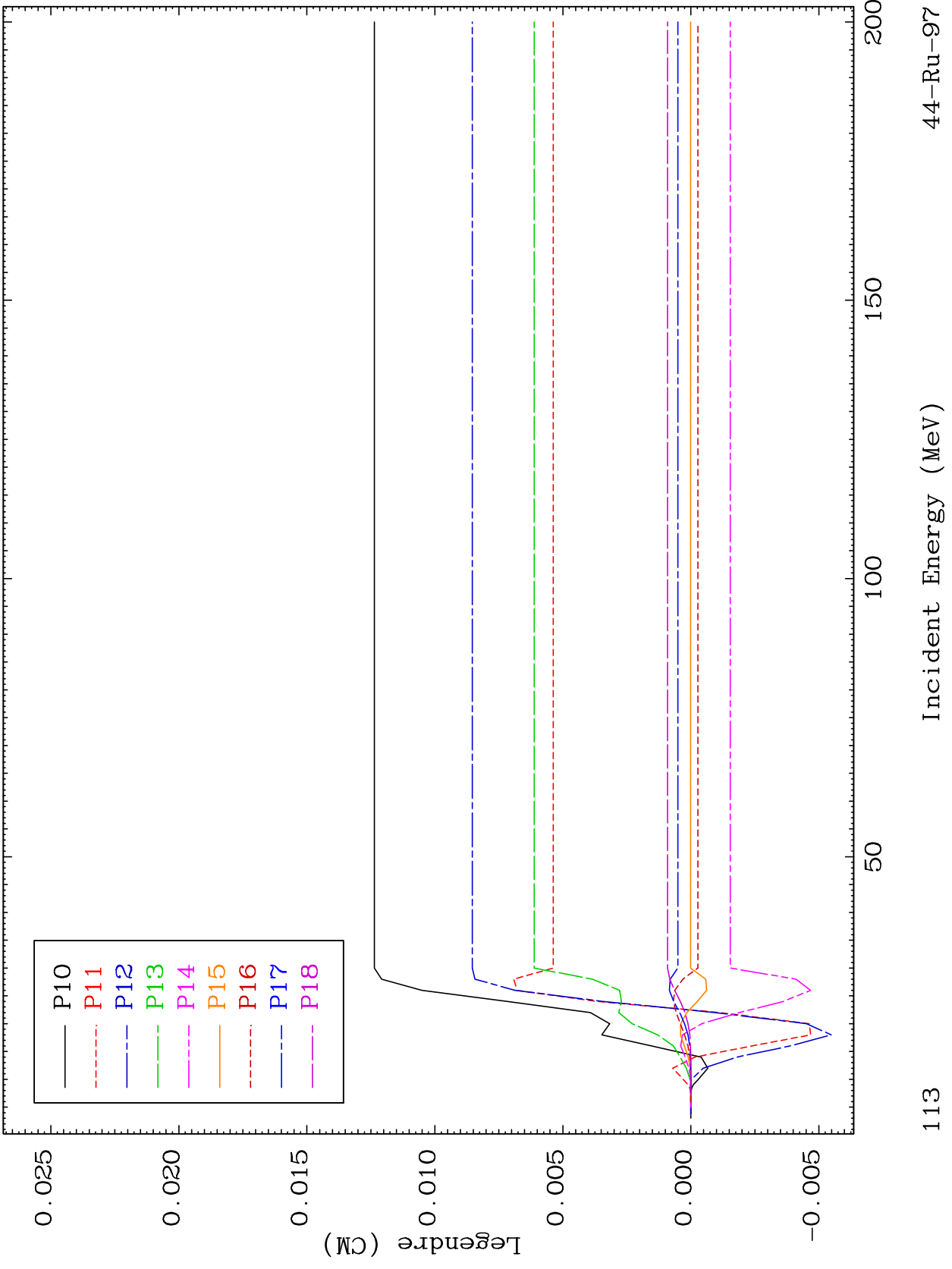
Incident Energy (MeV)

112

MAT 4428

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

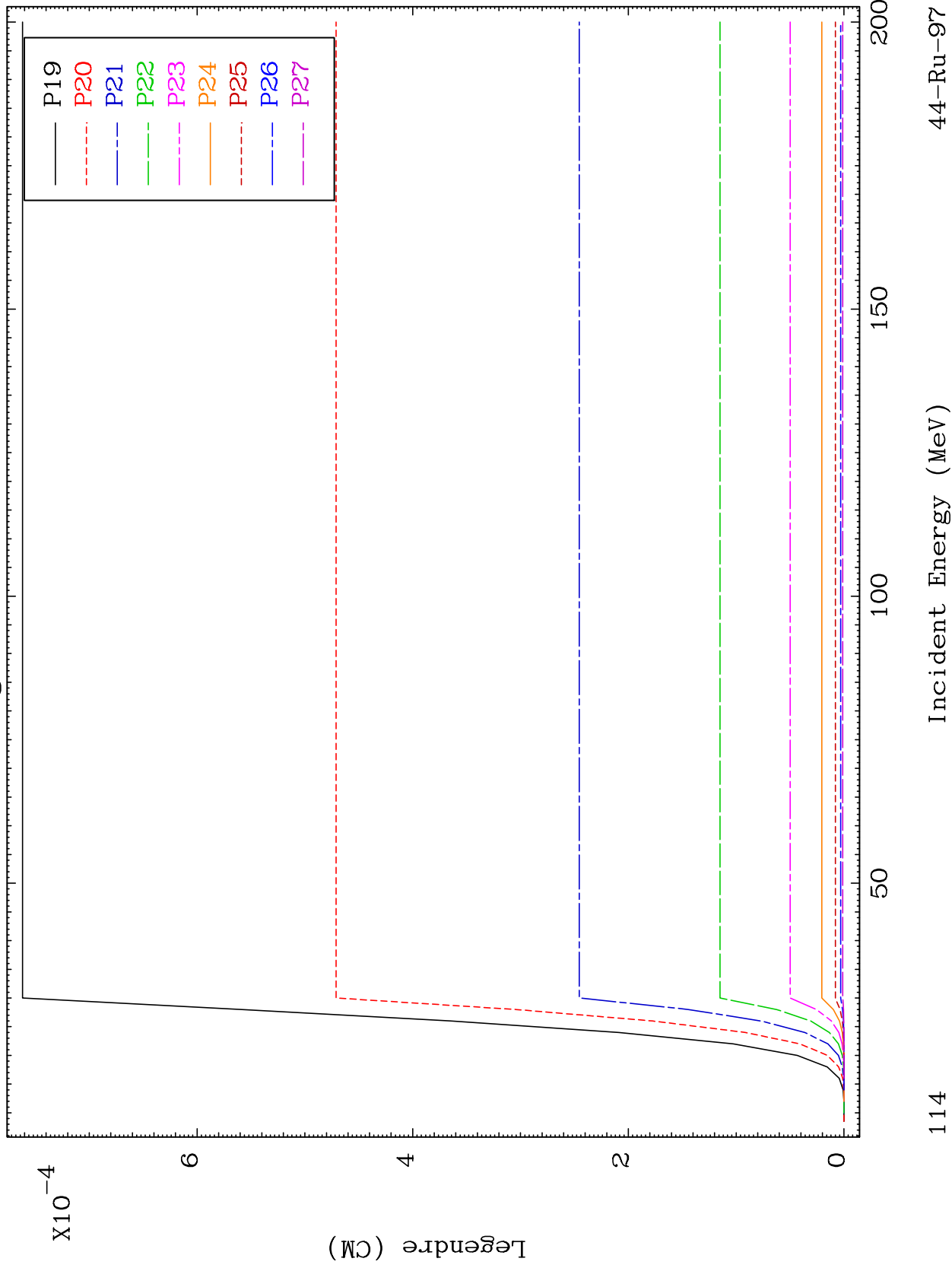
44-Ru-97



MAT 4428

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

44-Ru-97

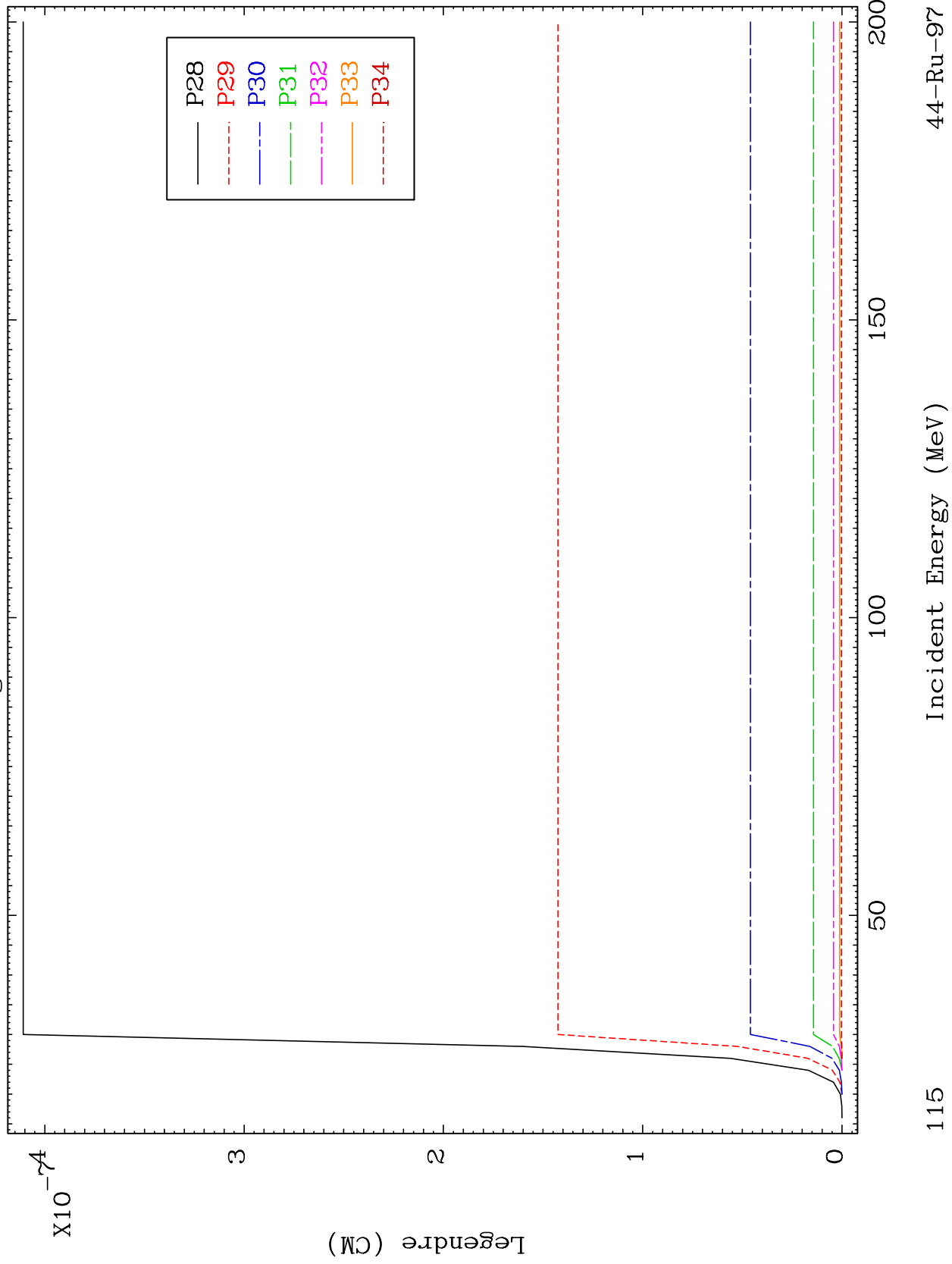


114

MAT 4428

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

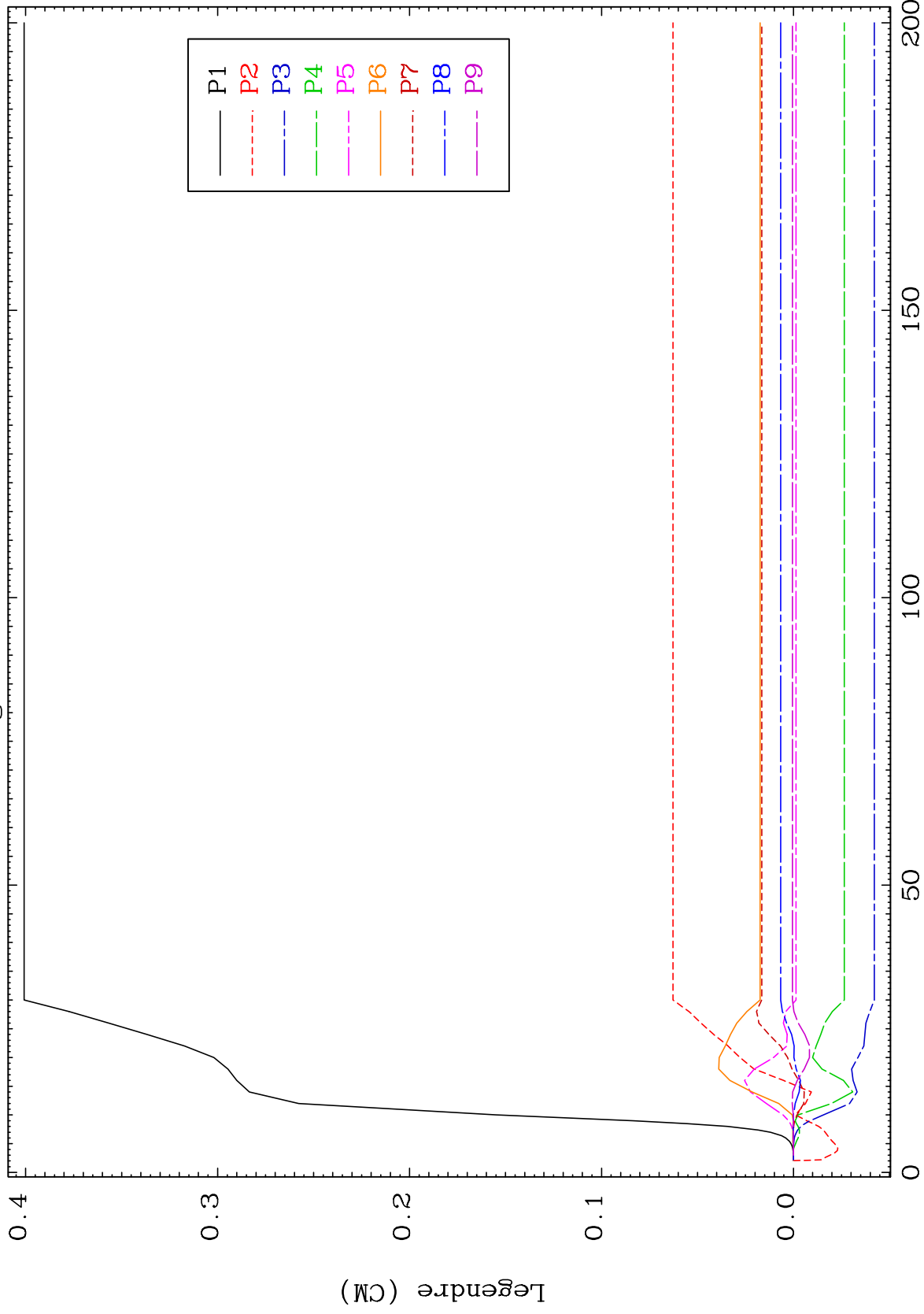
44-Ru-97



MAT 4428

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

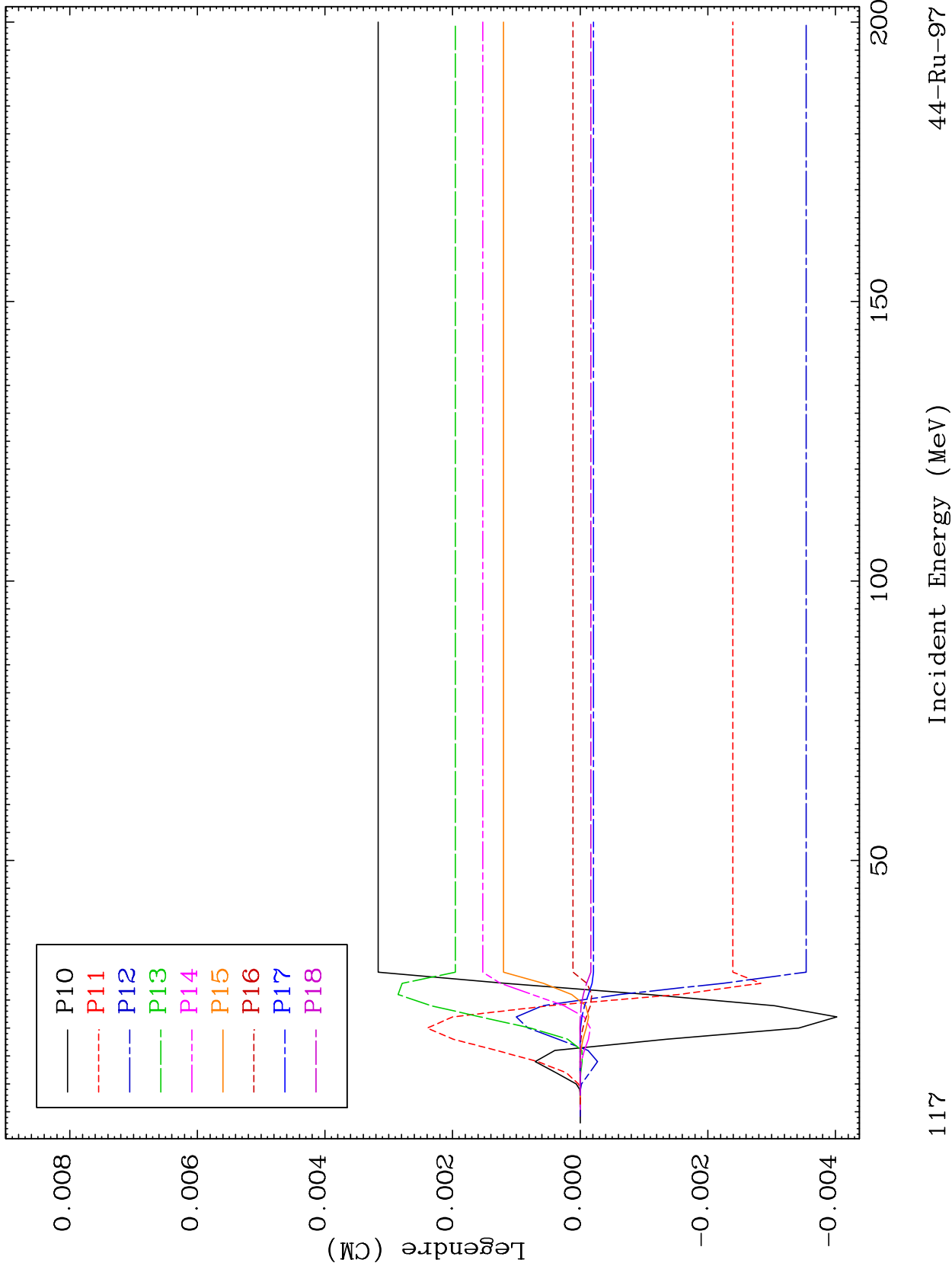
44-Ru-97



116

Incident Energy (MeV)

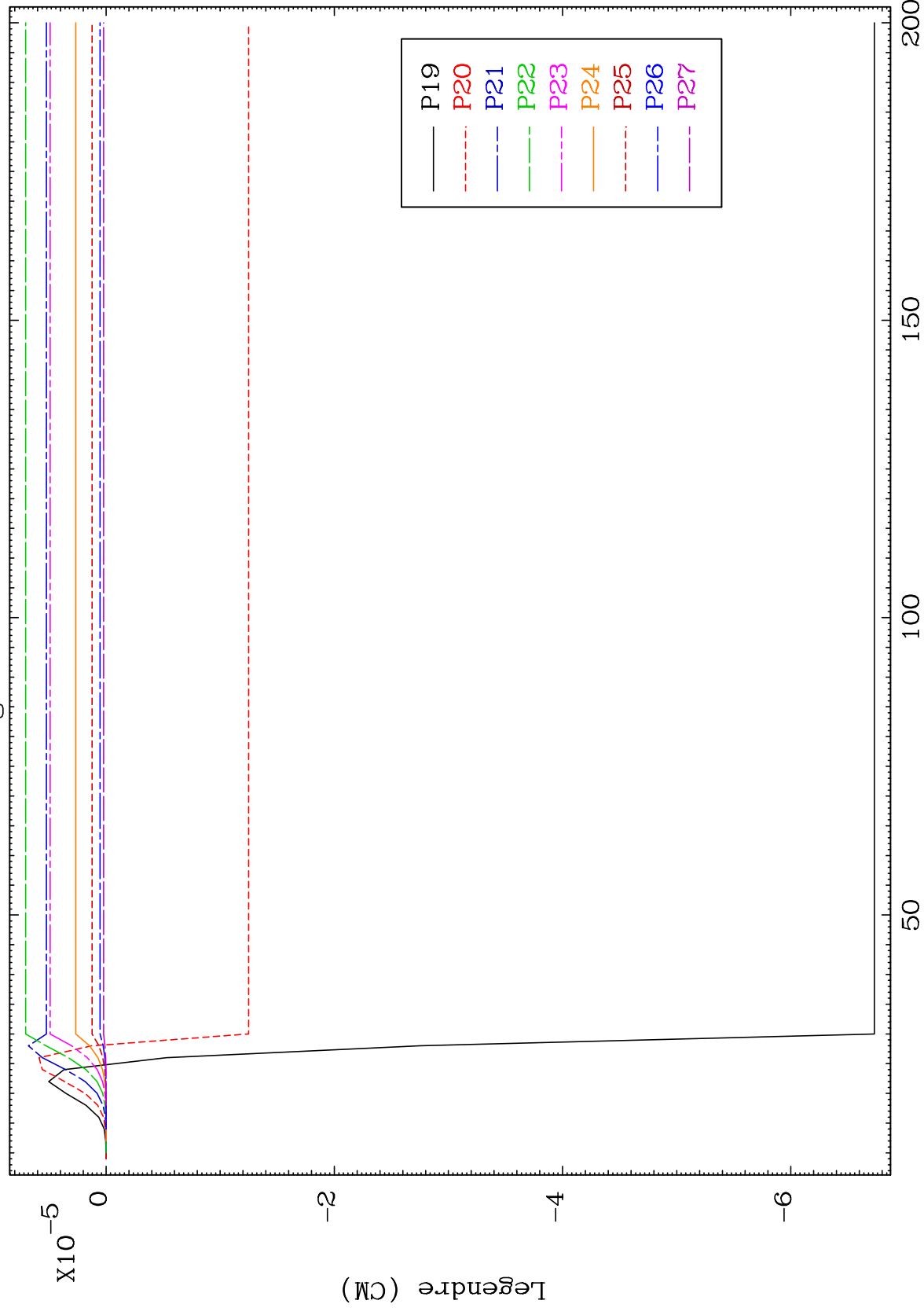
44-Ru-97



MAT 4428

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

44-Ru-97



118

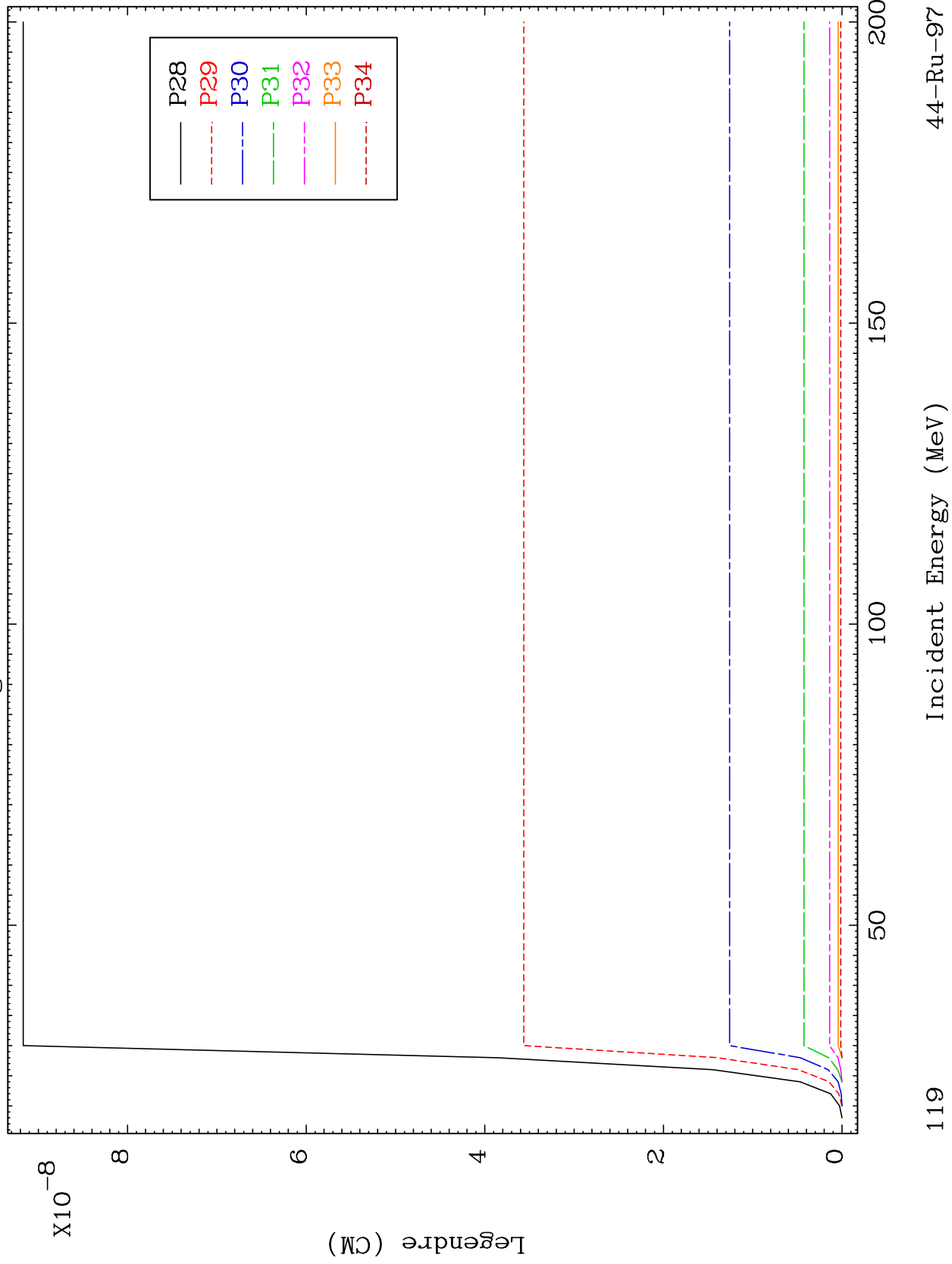
Incident Energy (MeV)

44-Ru-97

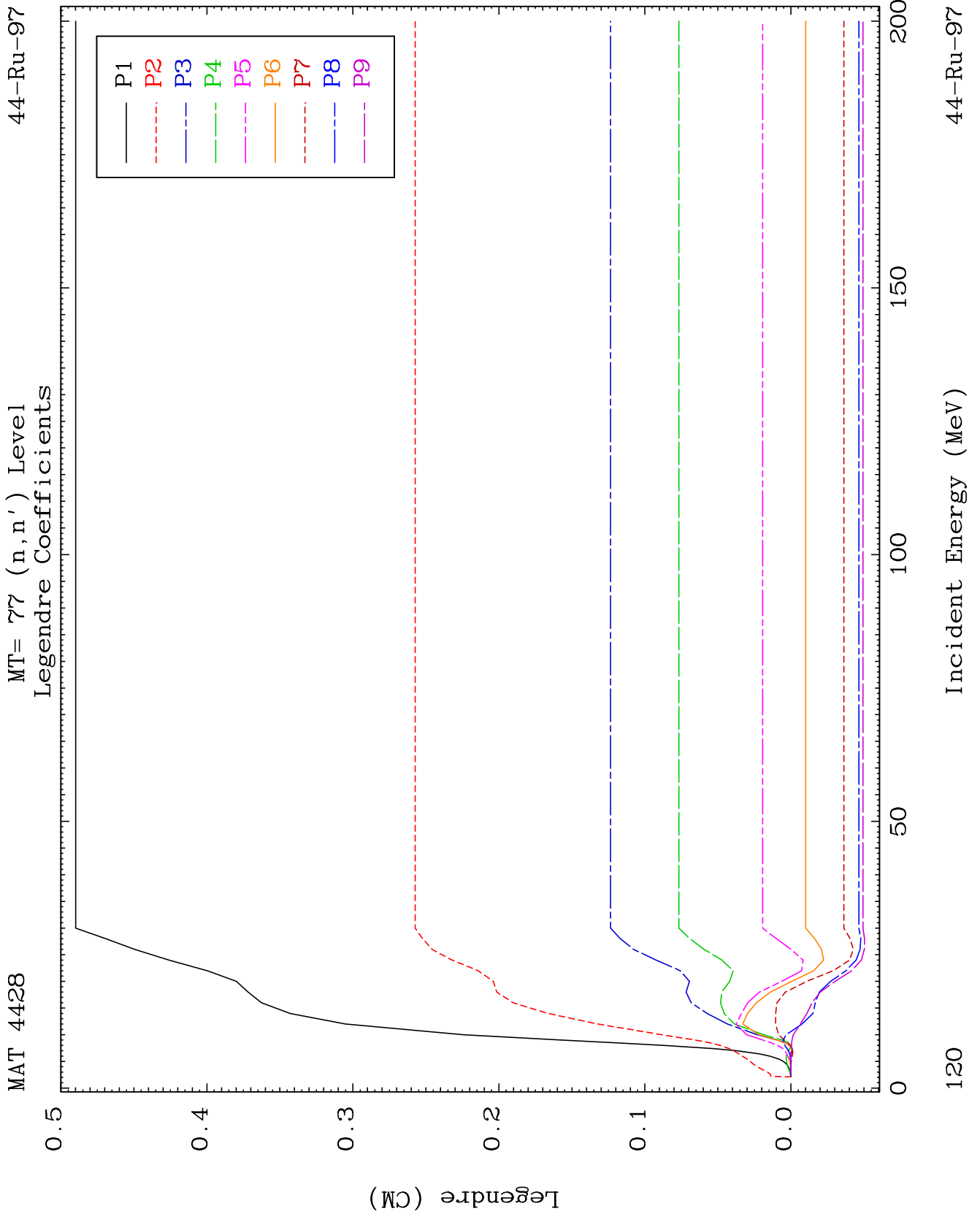
MAT 4428

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

44-Ru-97



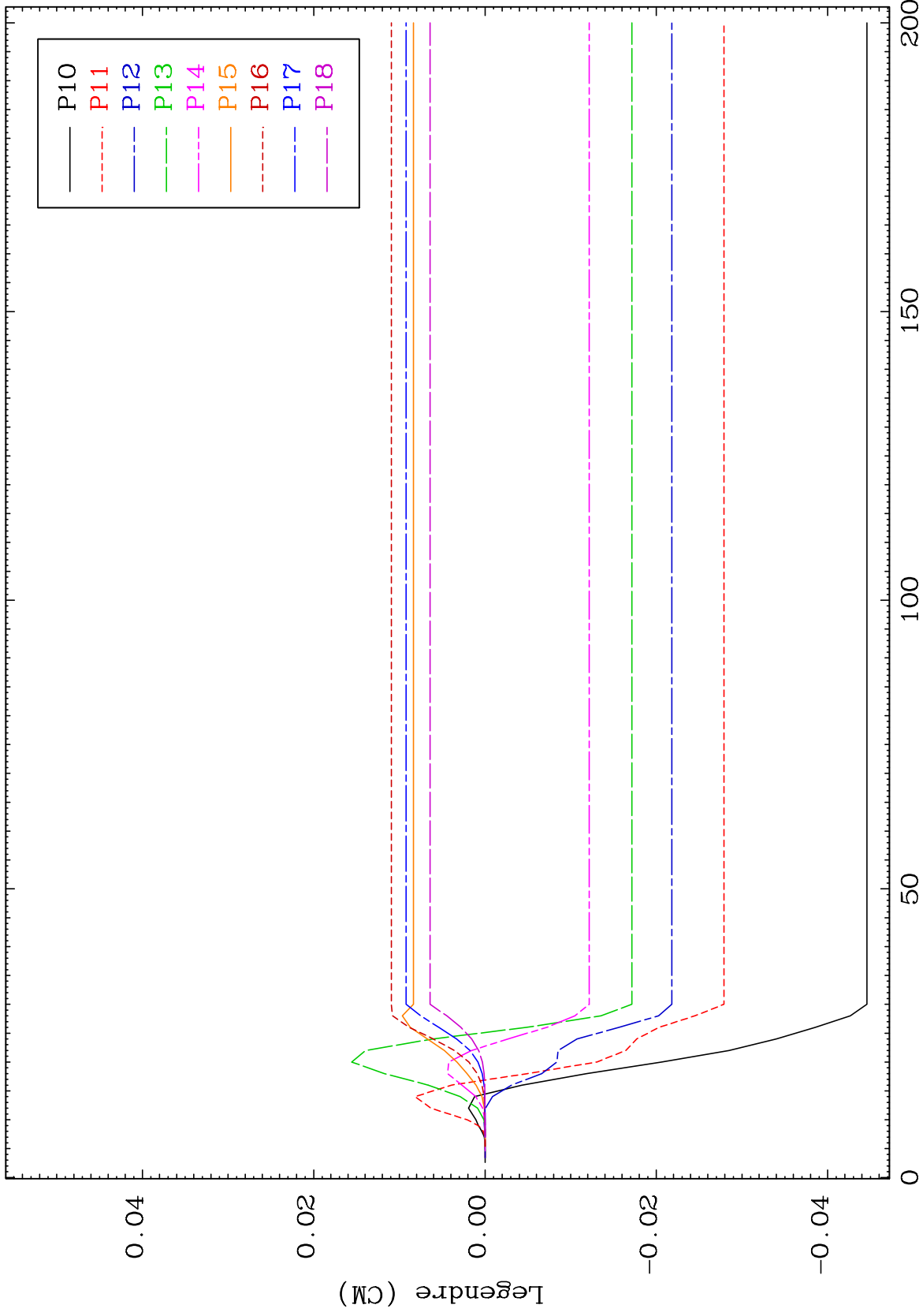
119



MAT 4428

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

44-Ru-97



121

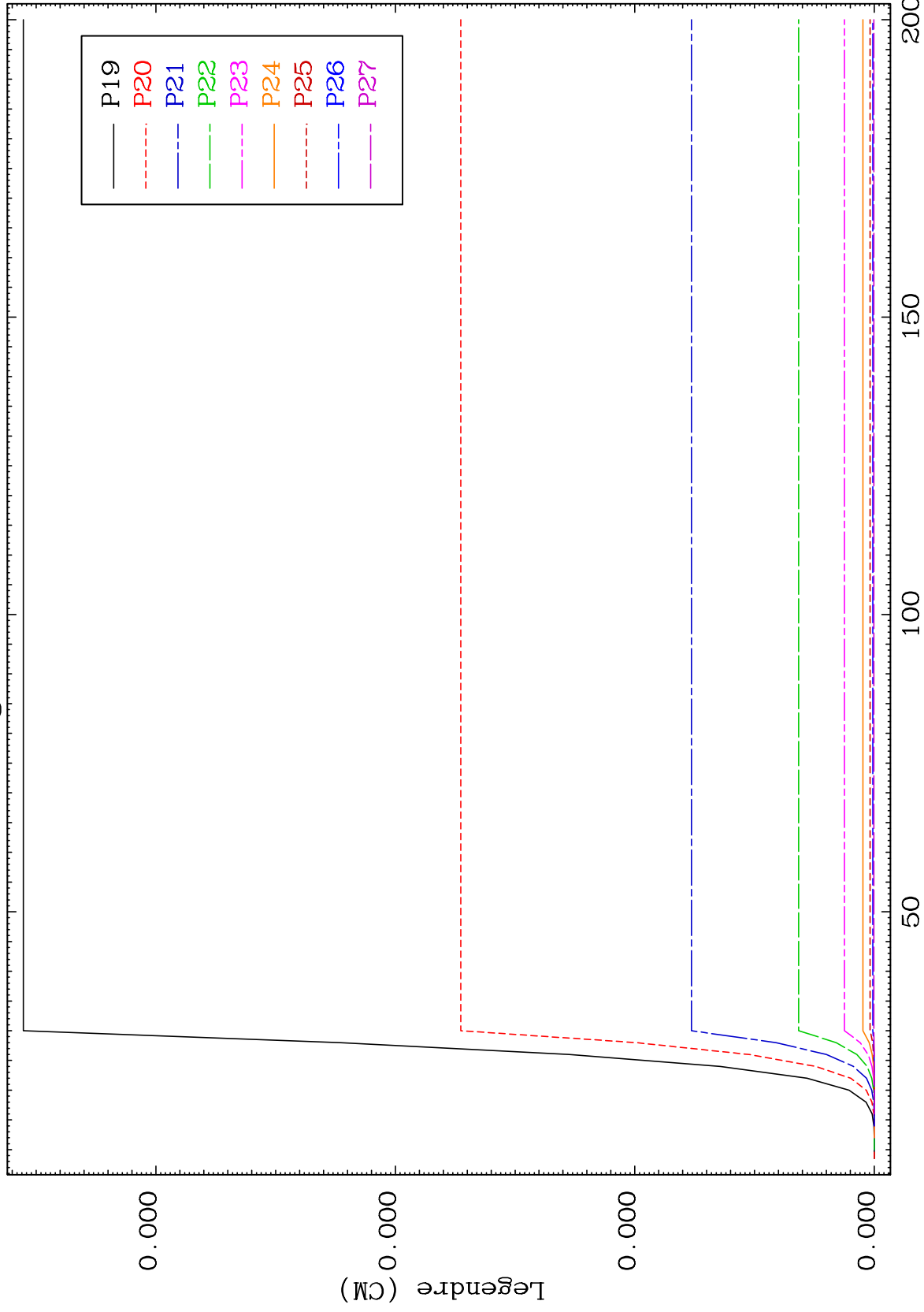
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



122

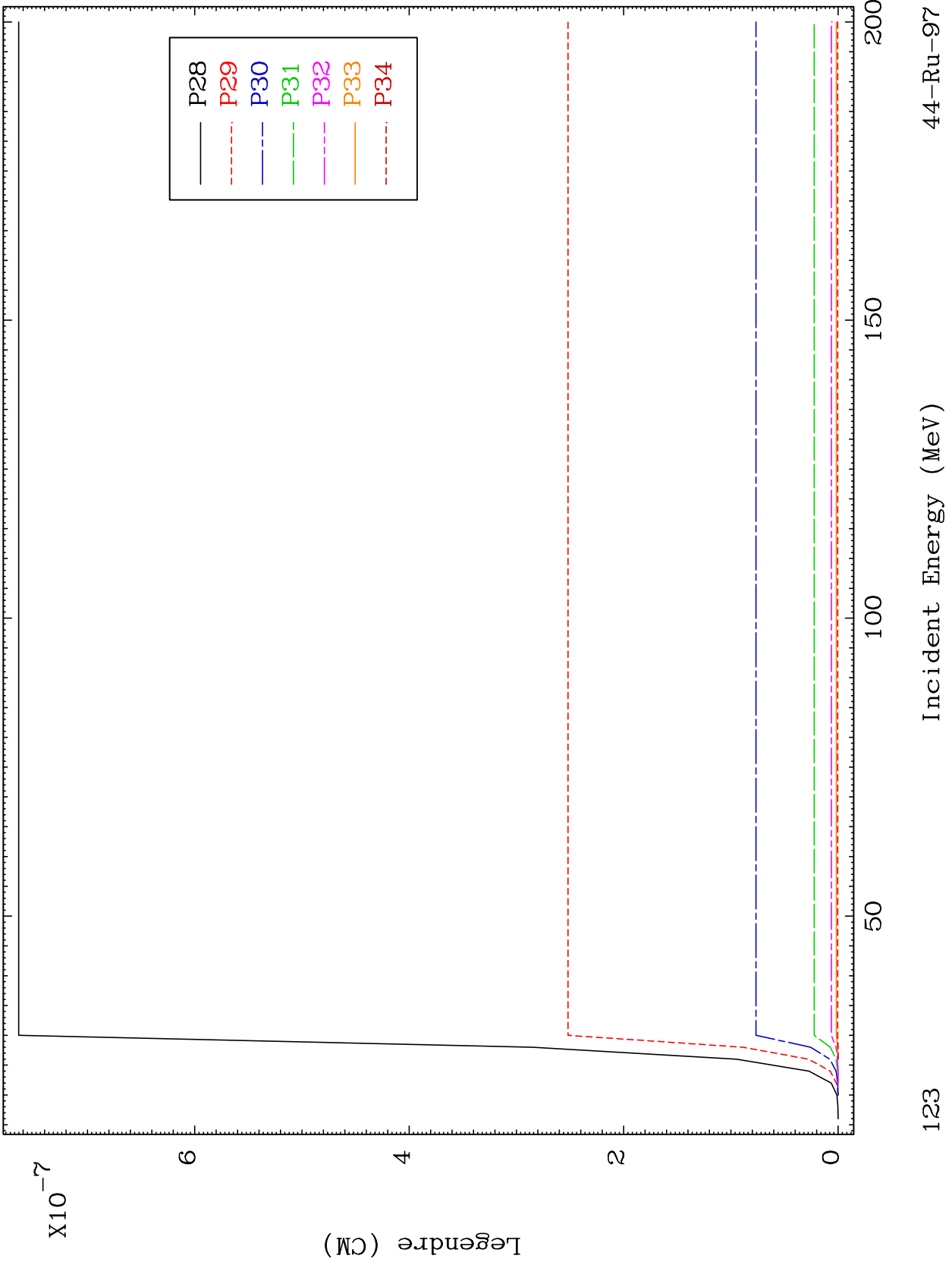
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97

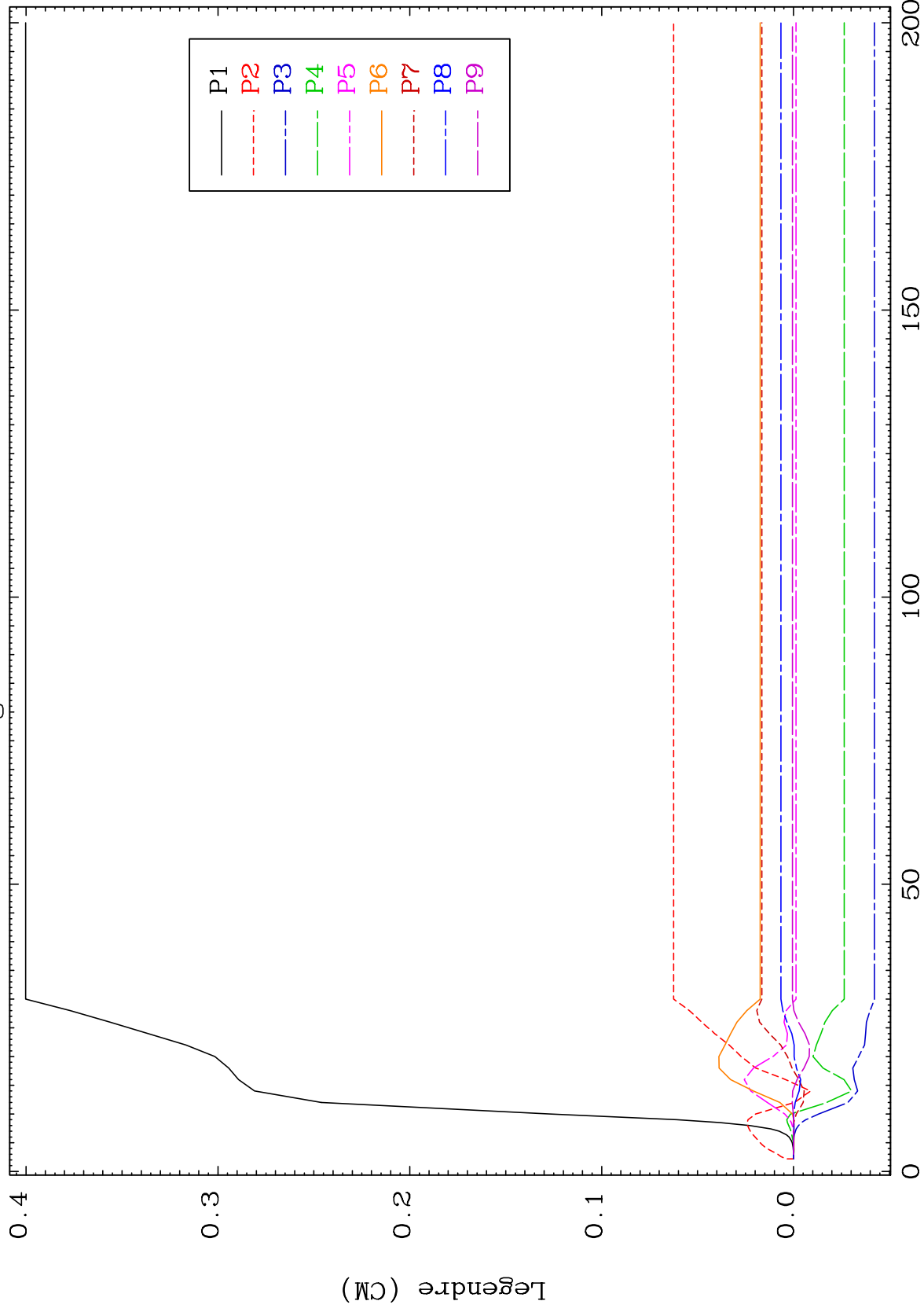


123

MAT 4428

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

44-Ru-97



124

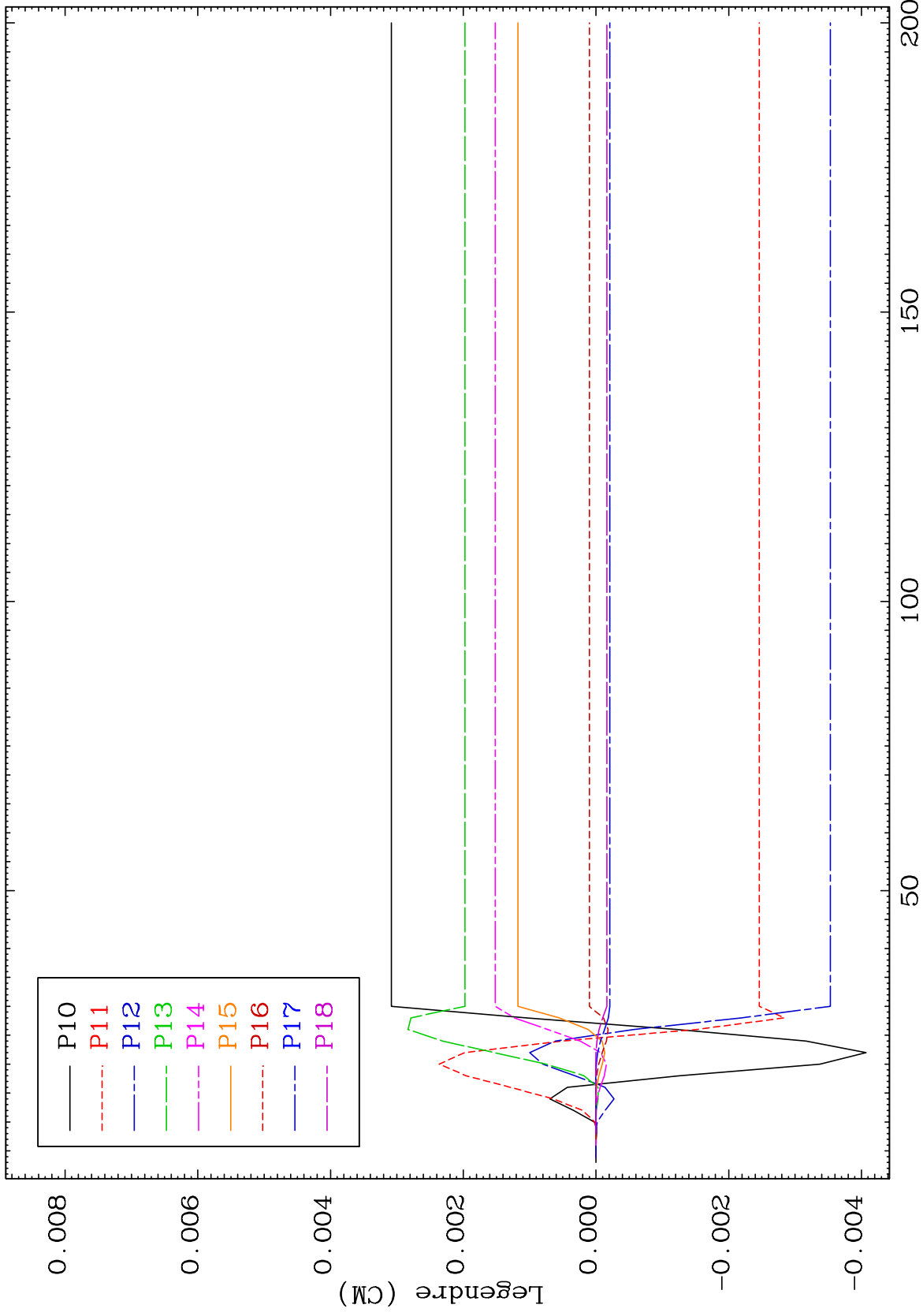
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



125

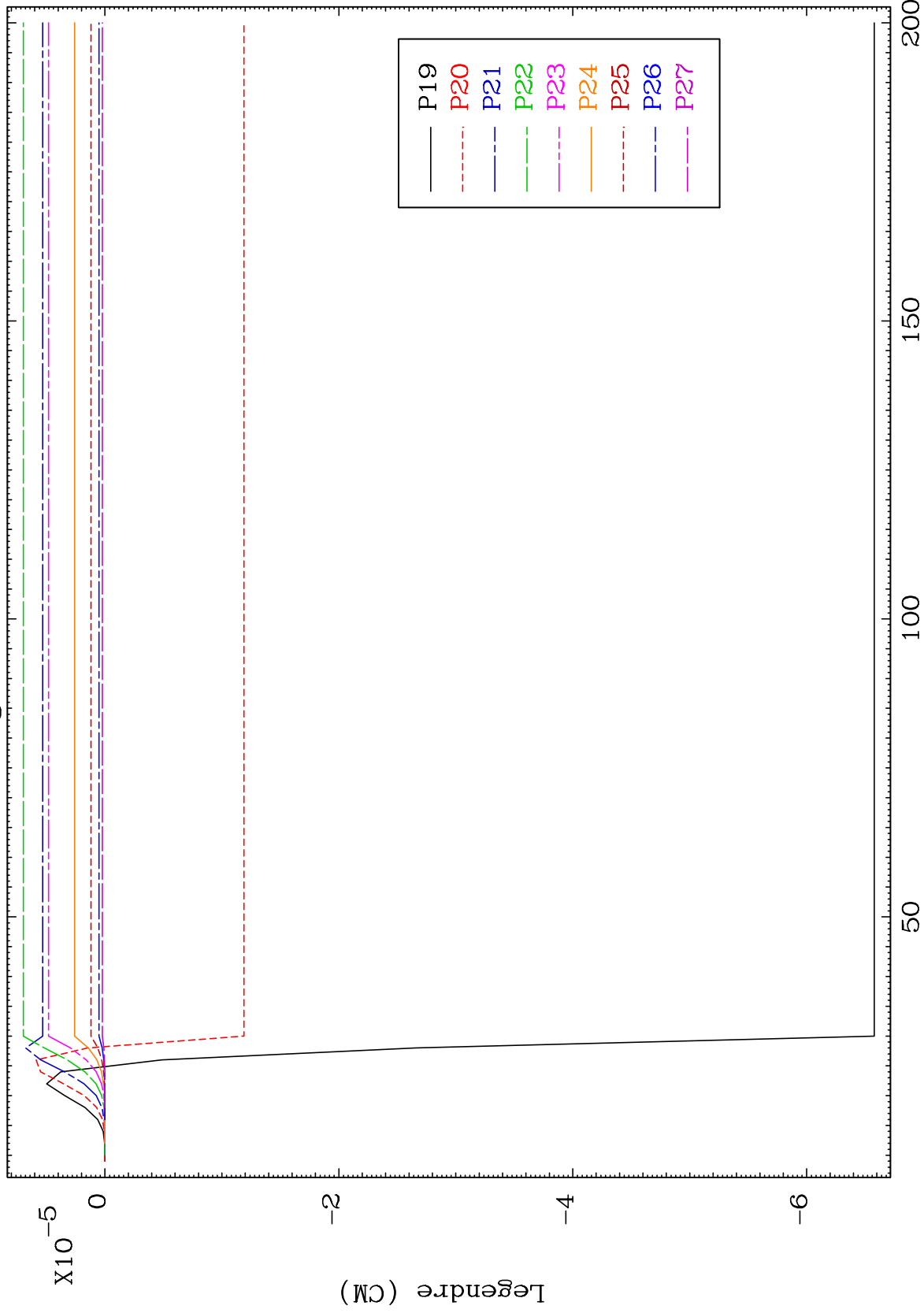
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



126

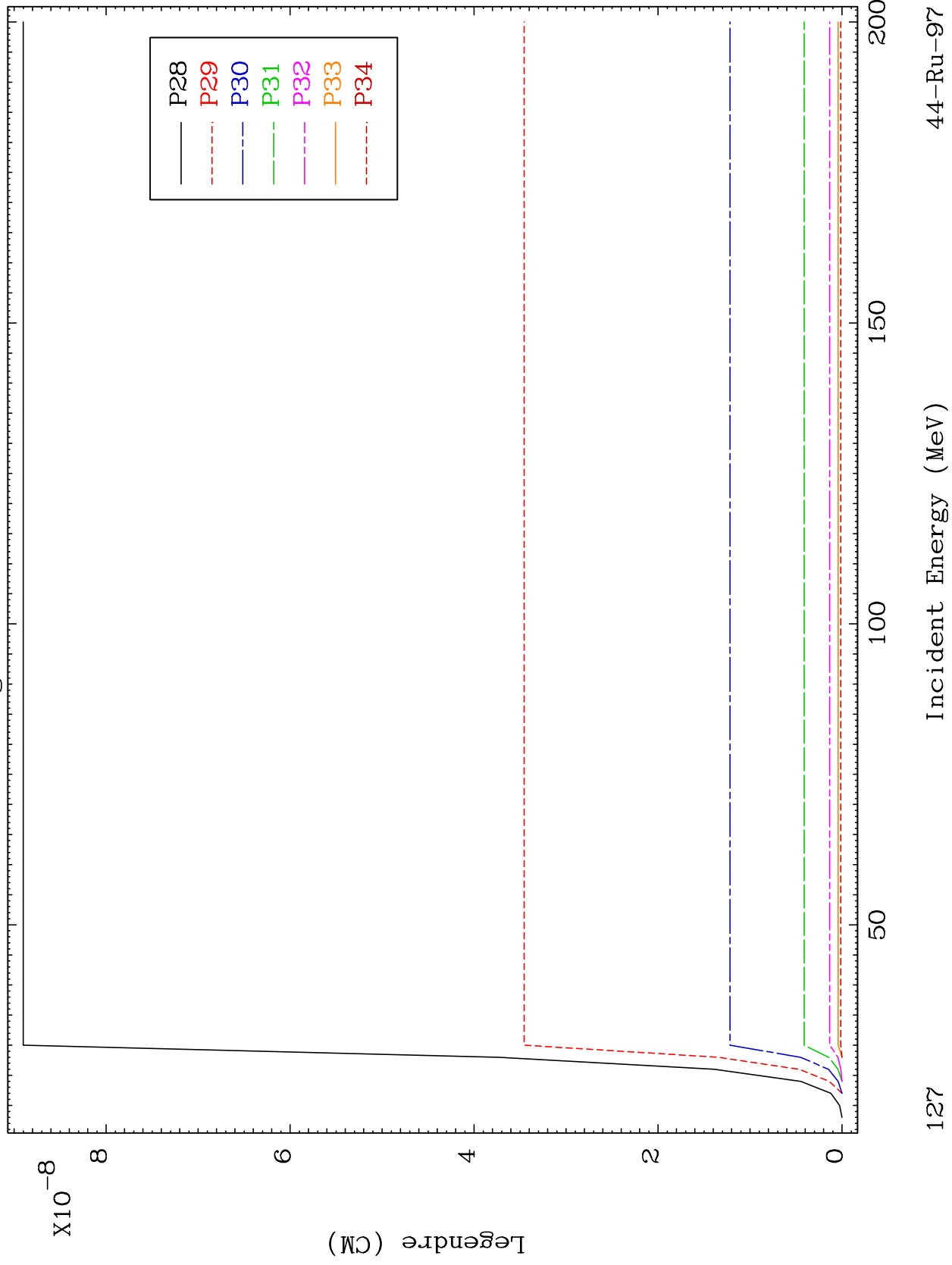
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

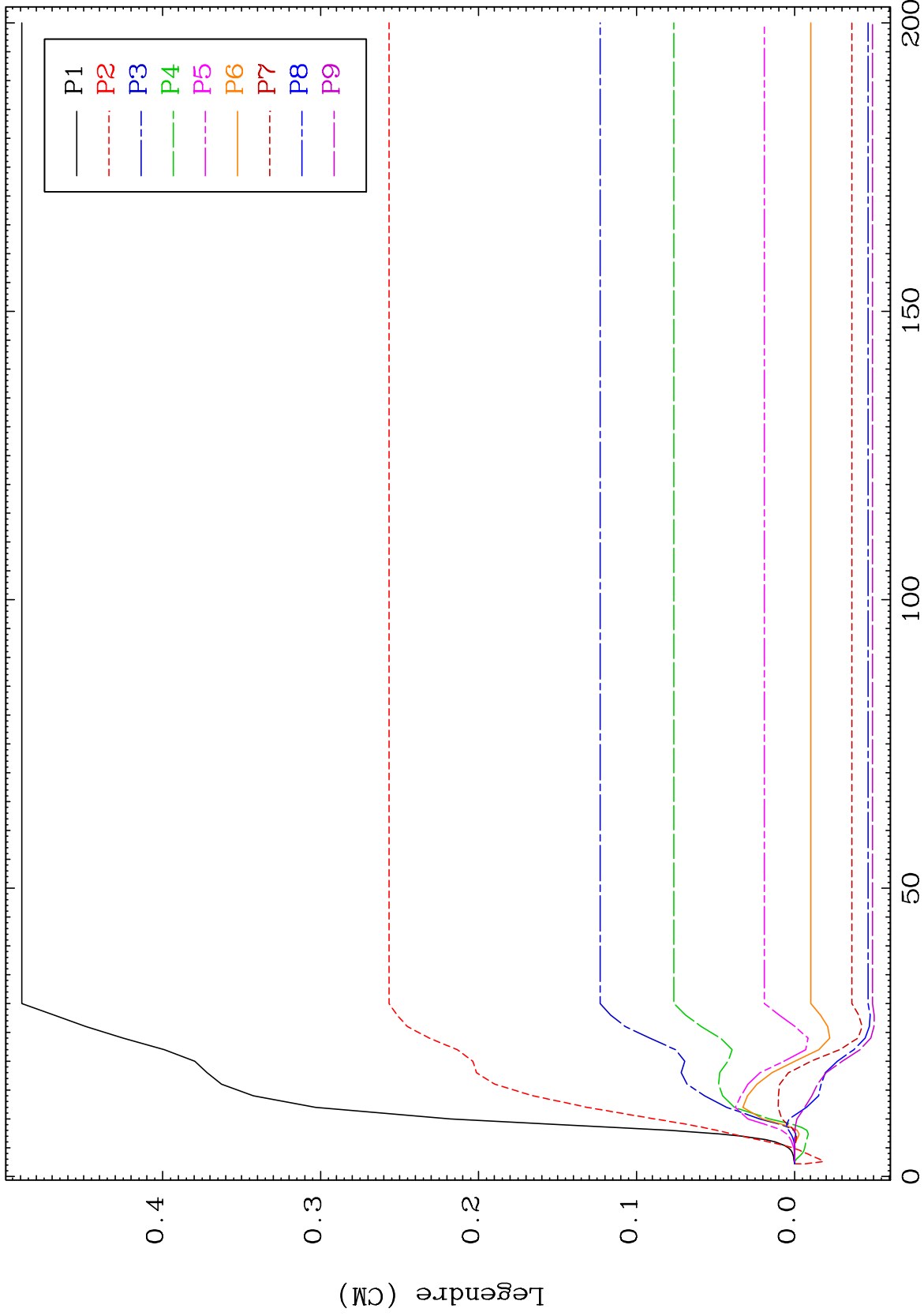
44-Ru-97



MAT 4428

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

44-Ru-97



128

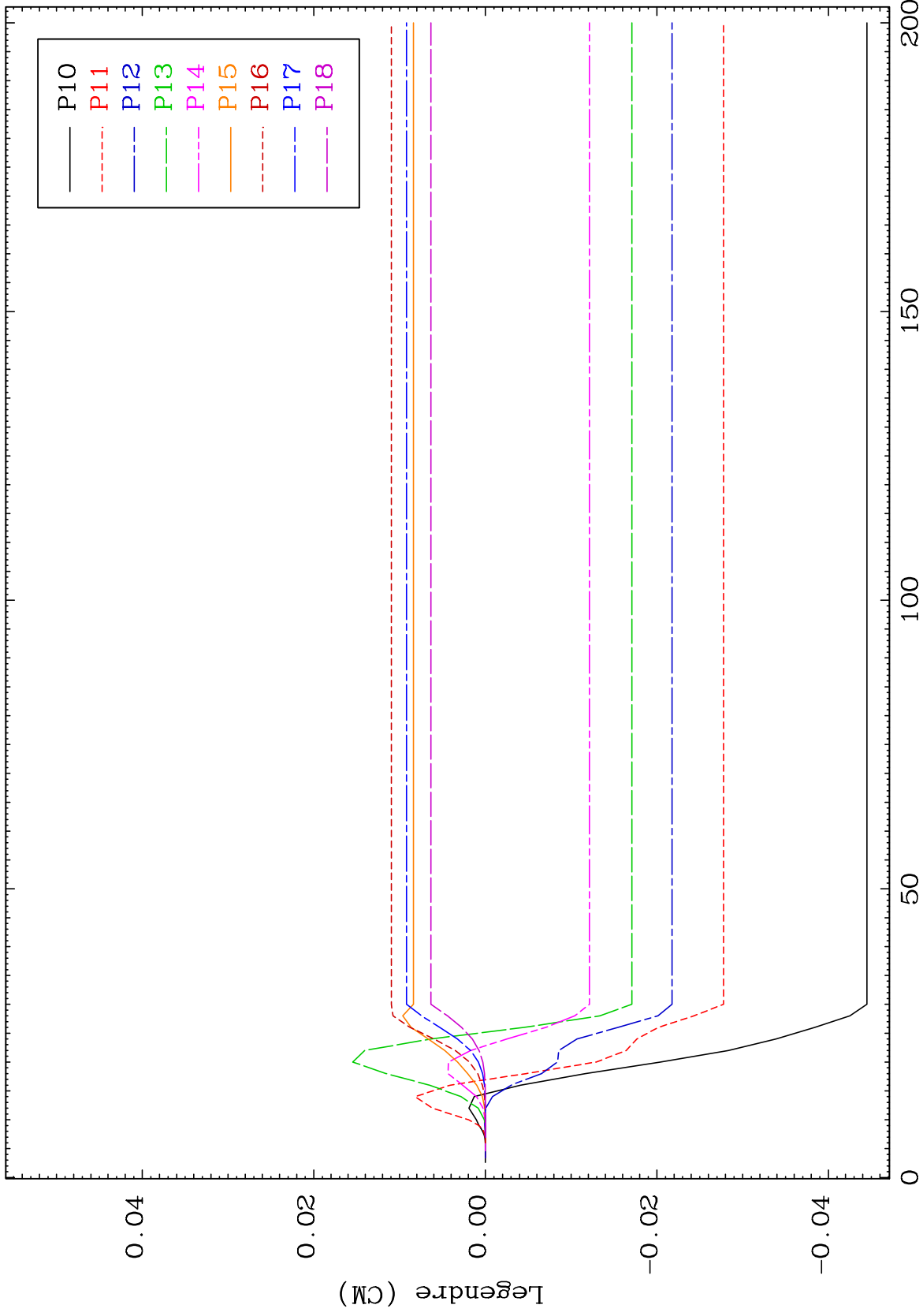
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



129

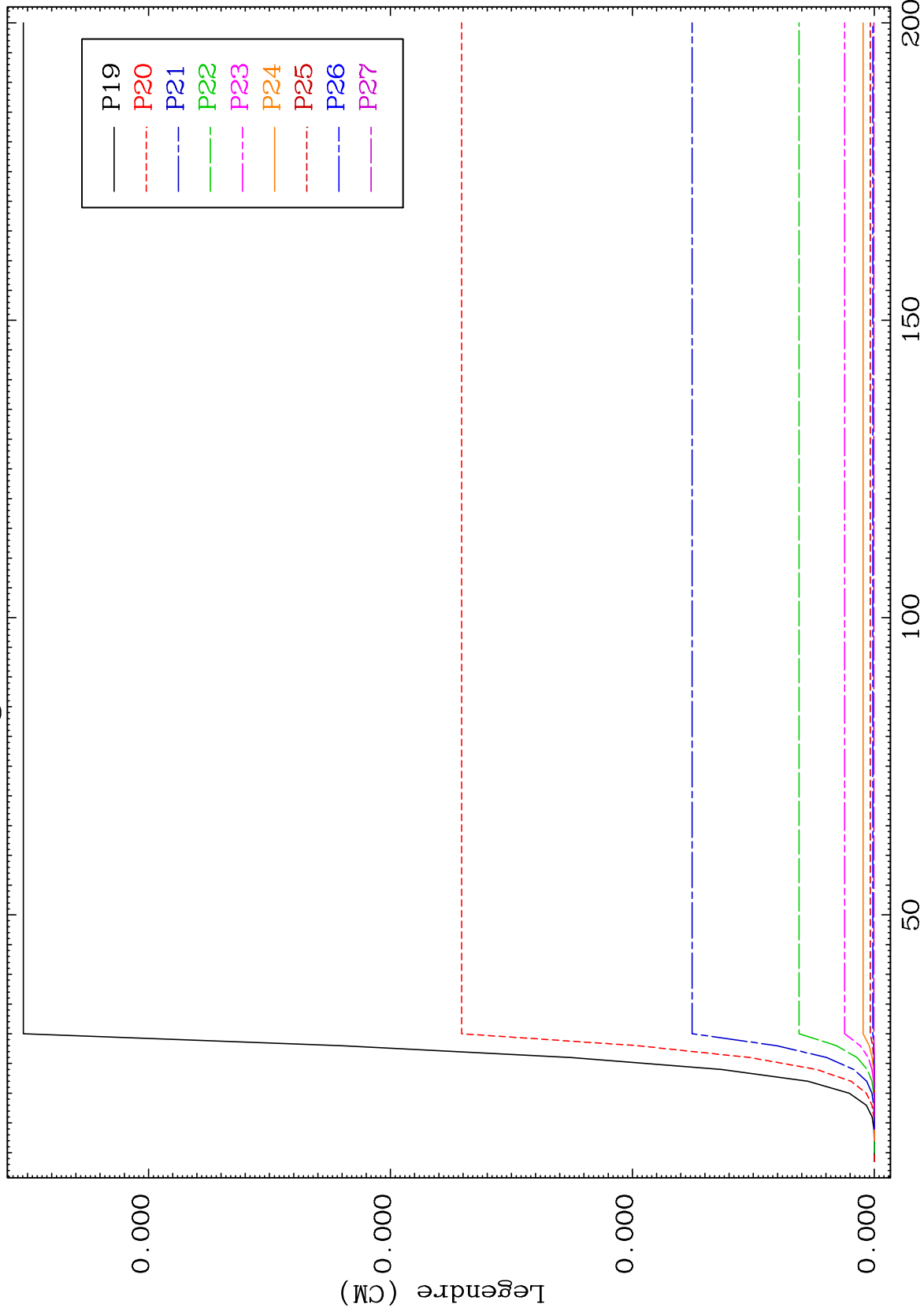
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



130

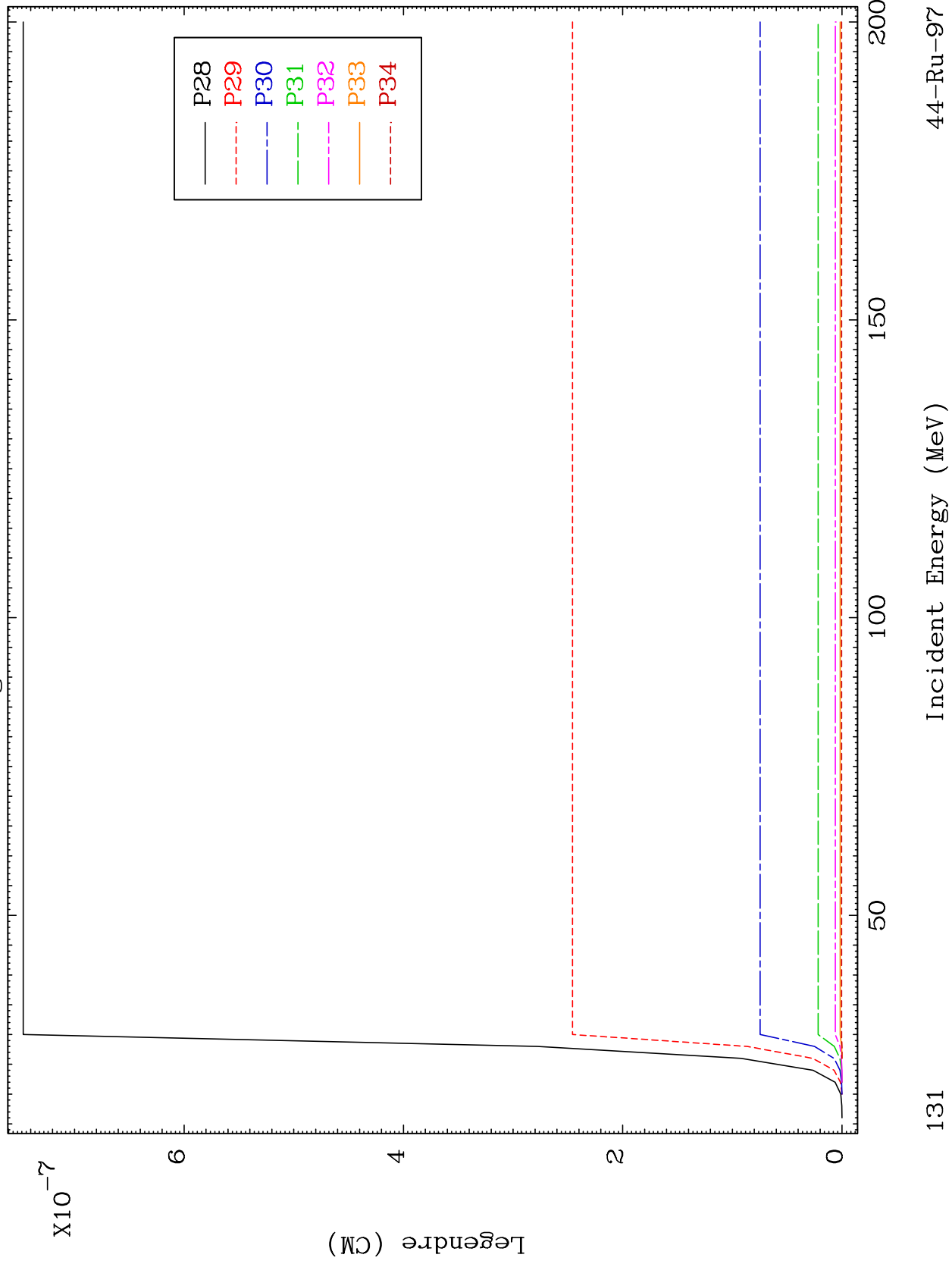
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

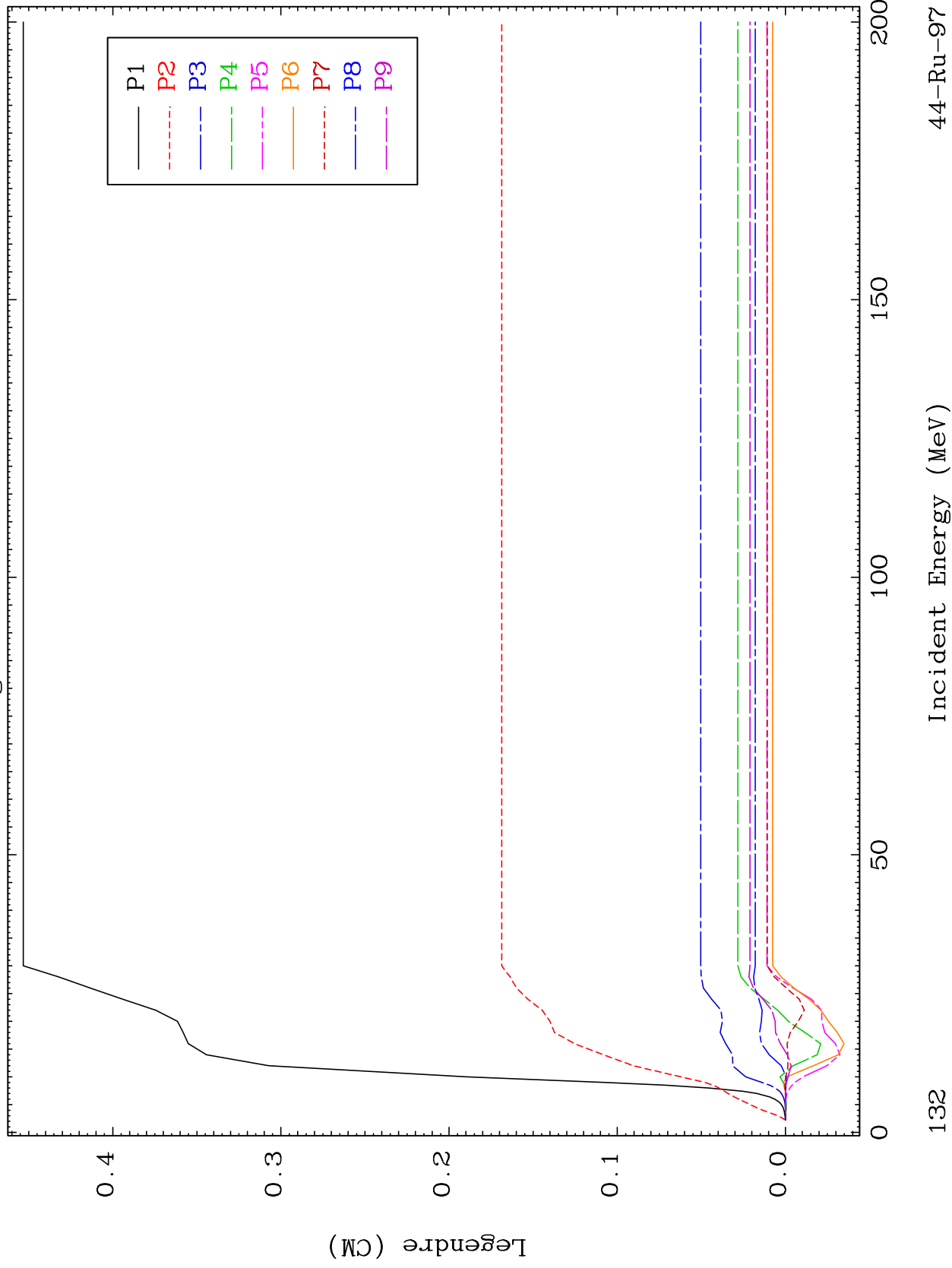
44-Ru-97



MAT 4428

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

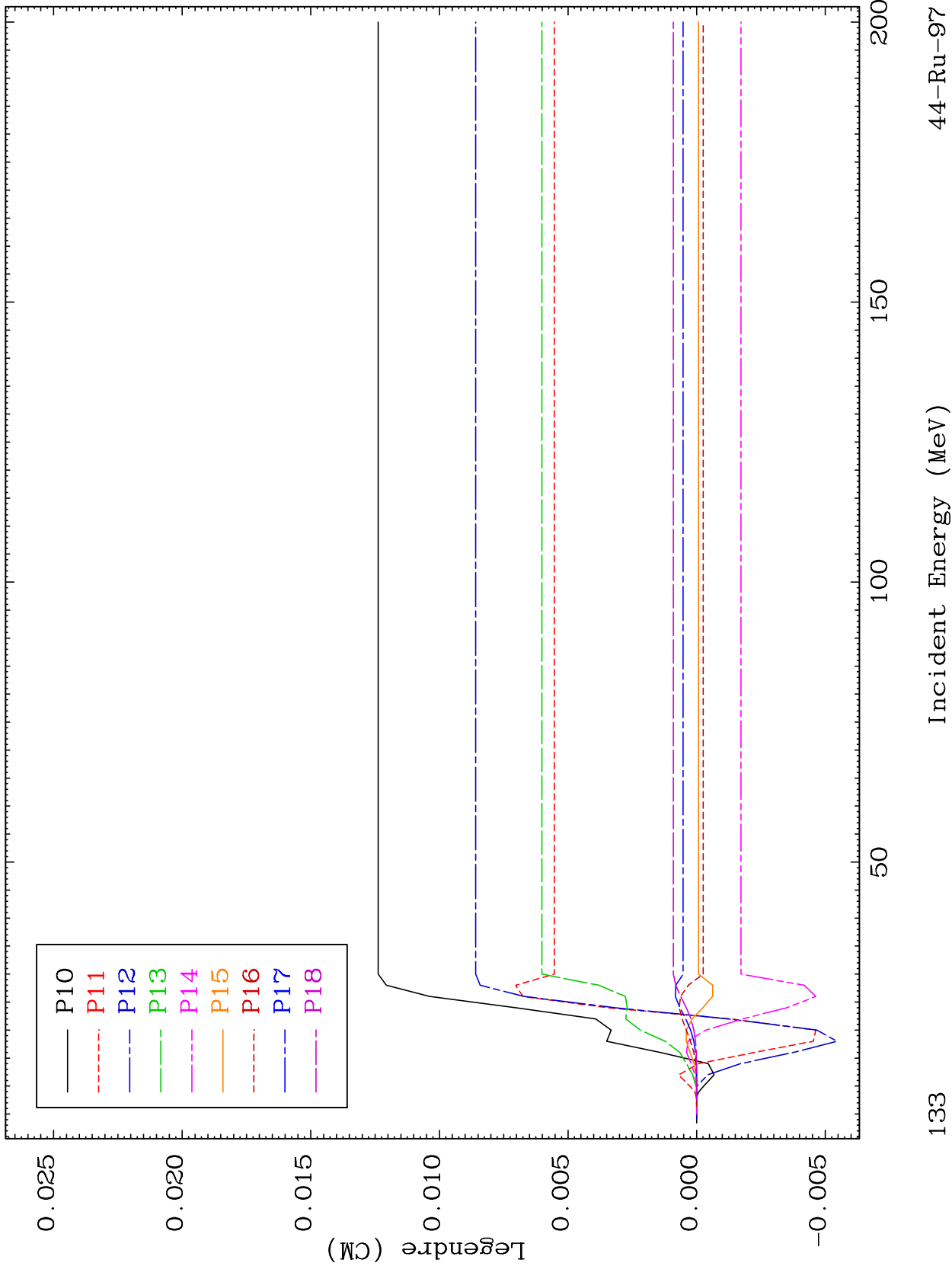
44-Ru-97



44-Ru-97

Incident Energy (MeV)

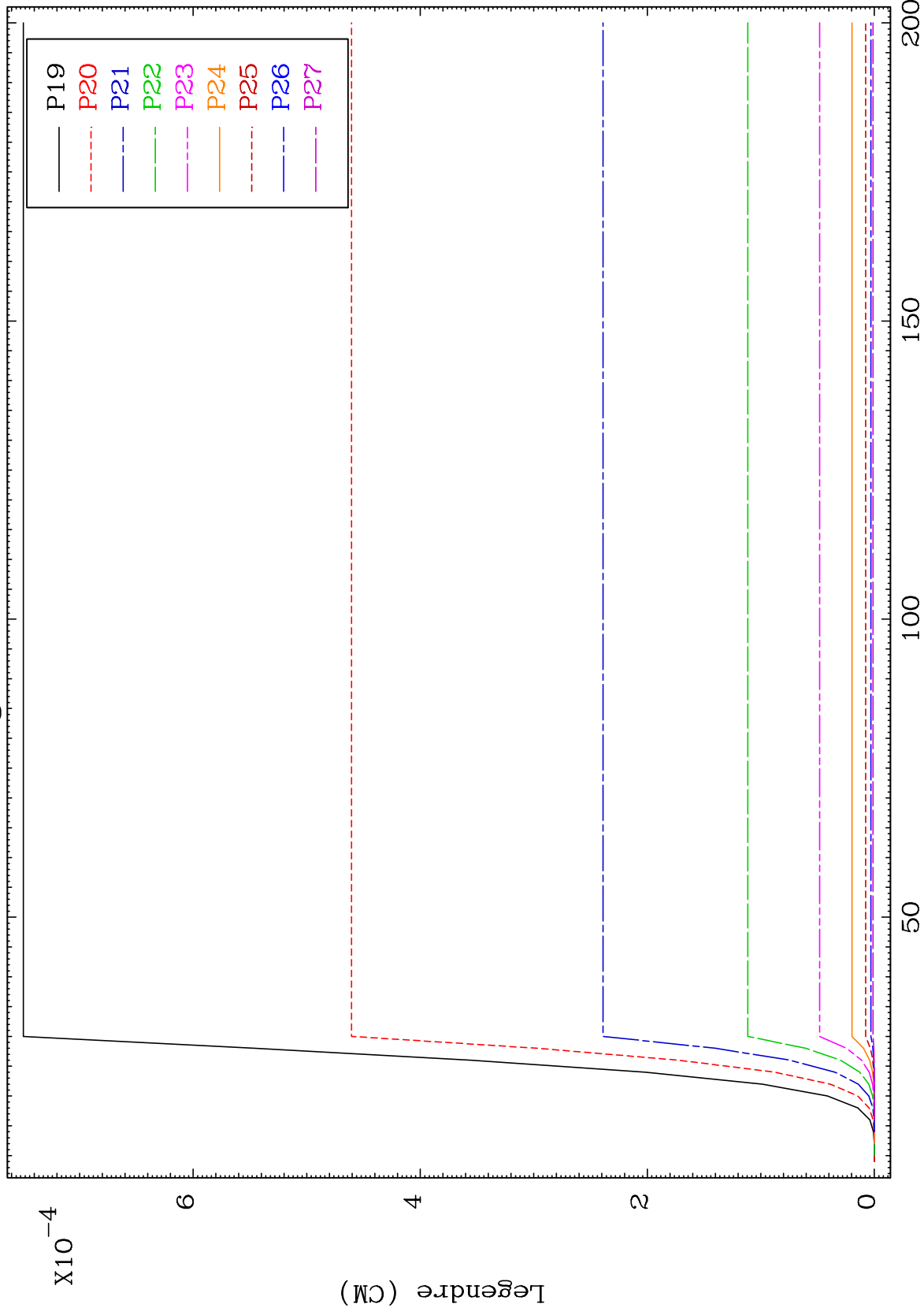
132



MAT 4428

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

44-Ru-97



134

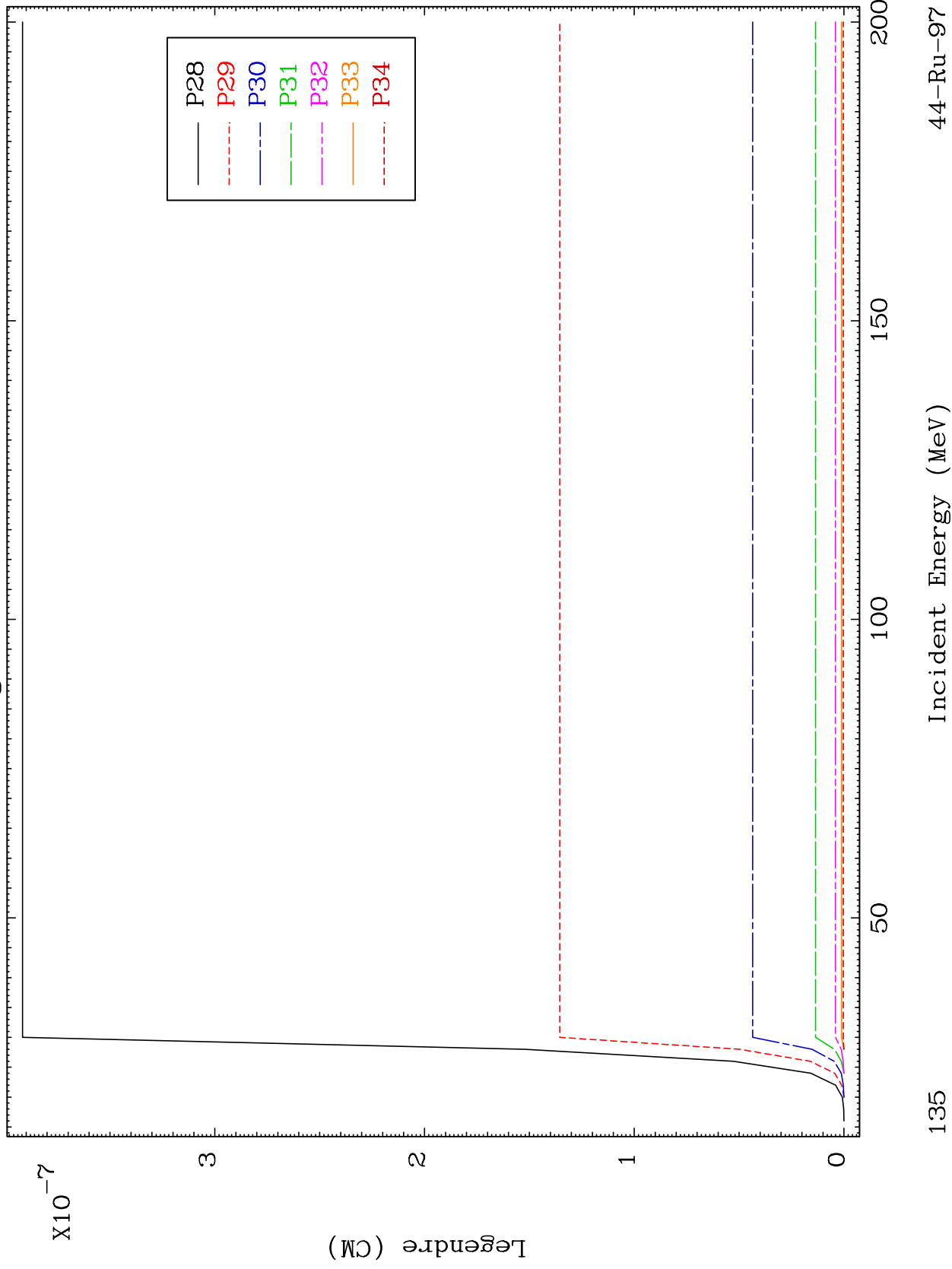
Incident Energy (MeV)

44-Ru-97

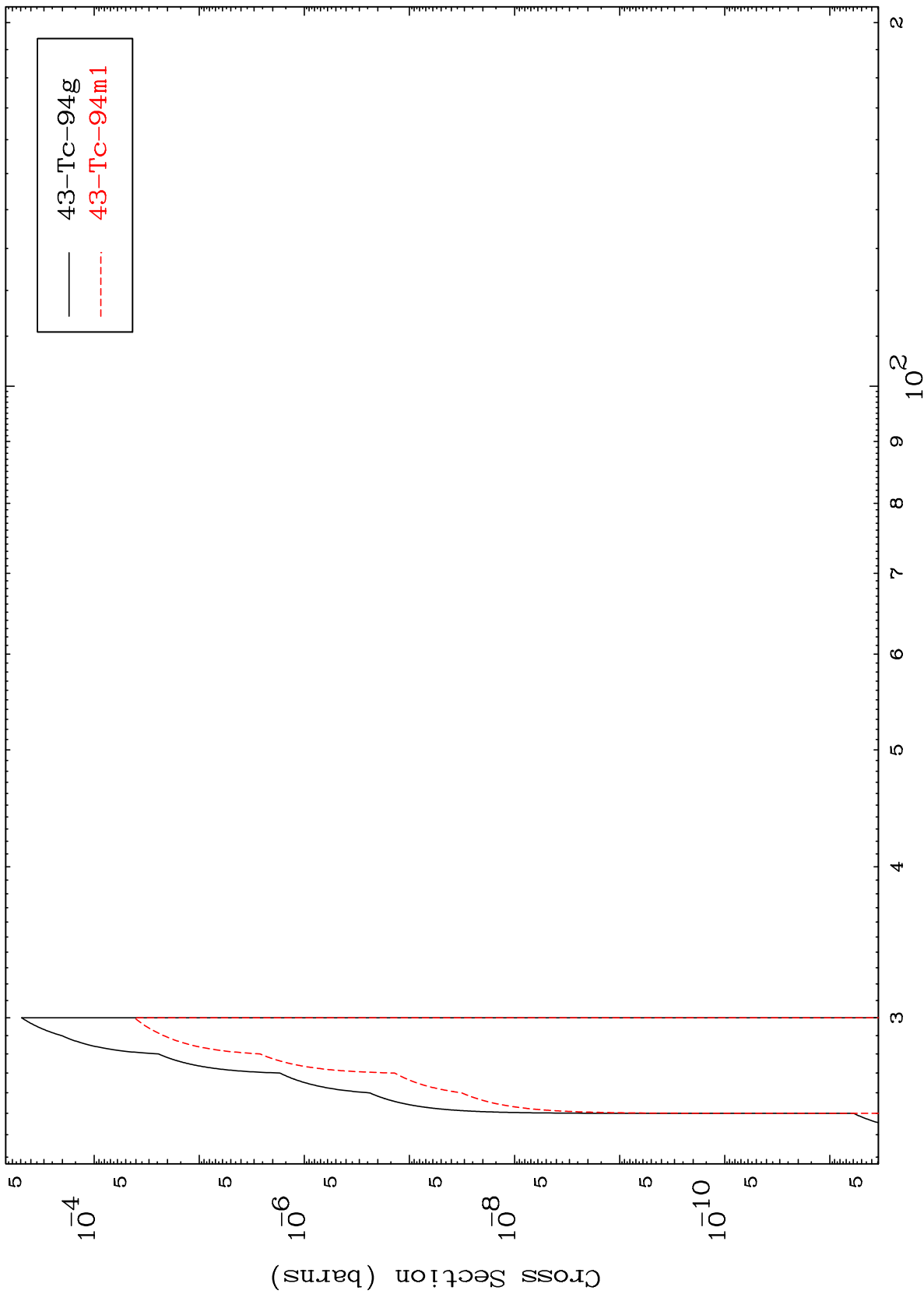
MAT 4428

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

44-Ru-97



Radionuclide Production Cross Section

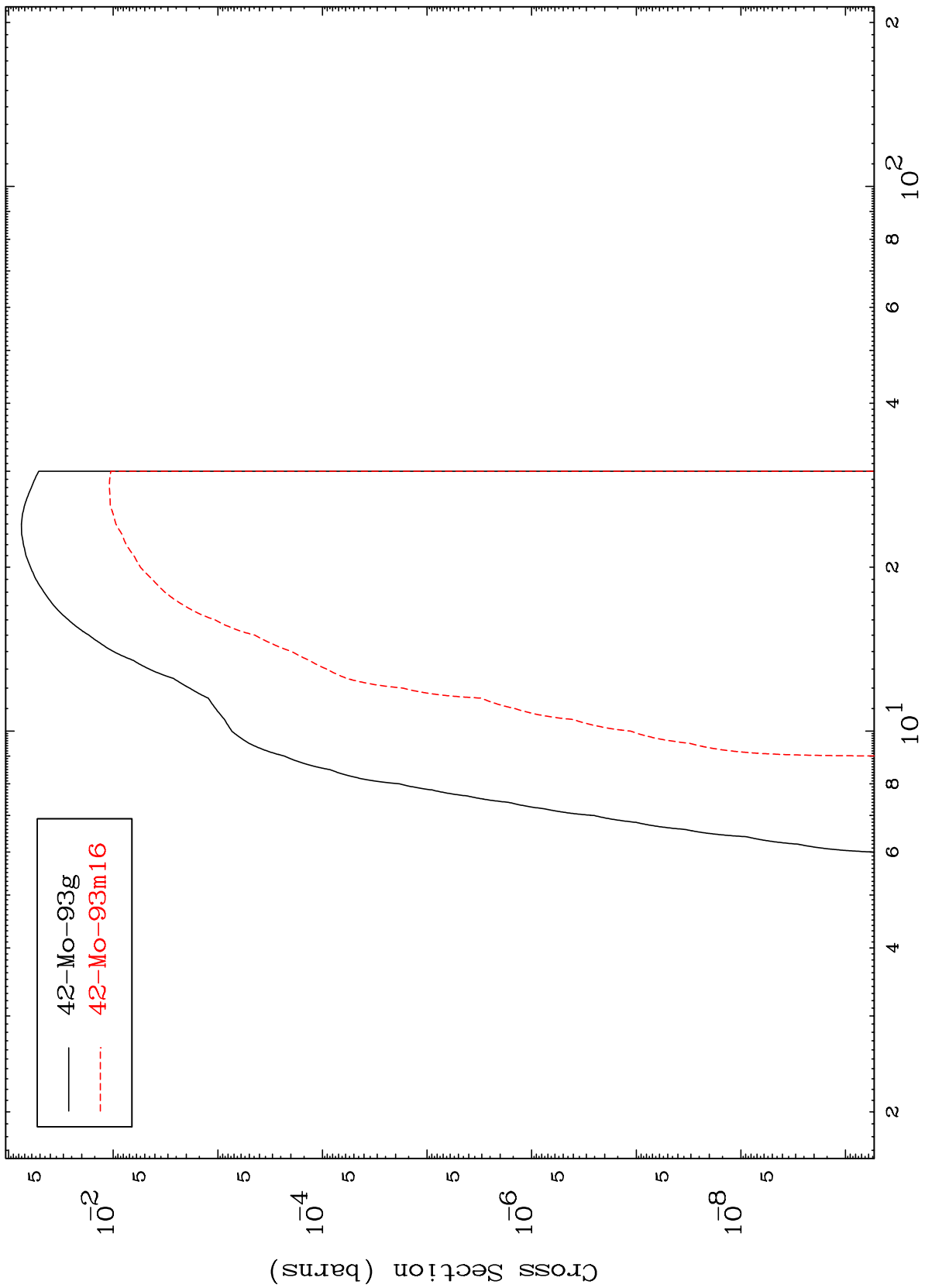


MAT 4428

(n,n') α

44-Ru-97

Radionuclide Production Cross Section



137

Incident Energy (MeV)

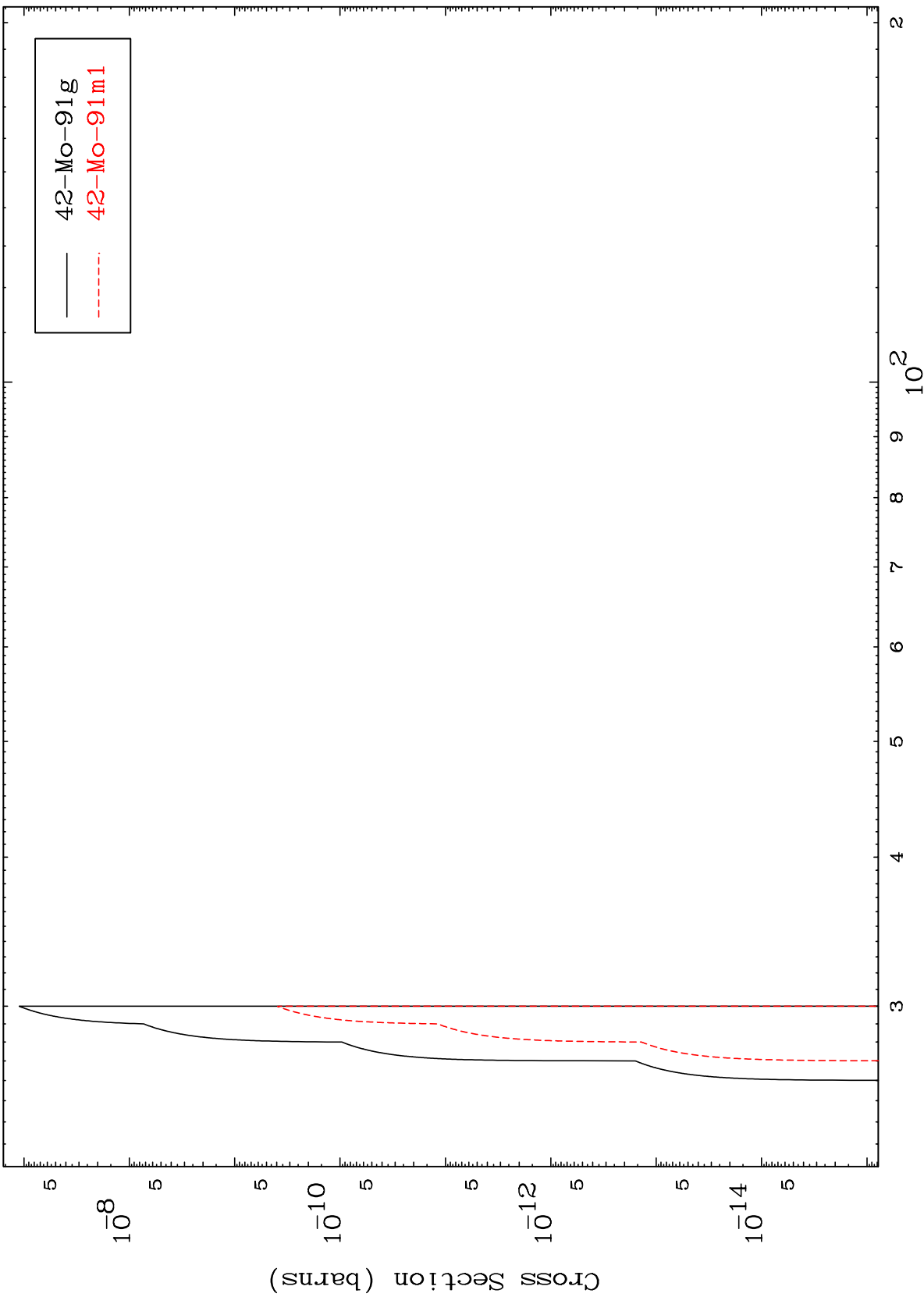
44-Ru-97

MAT 4428

(n,3n) α

44-Ru-97

Radionuclide Production Cross Section



42-Mo-91g
42-Mo-91m1

138

Incident Energy (MeV)

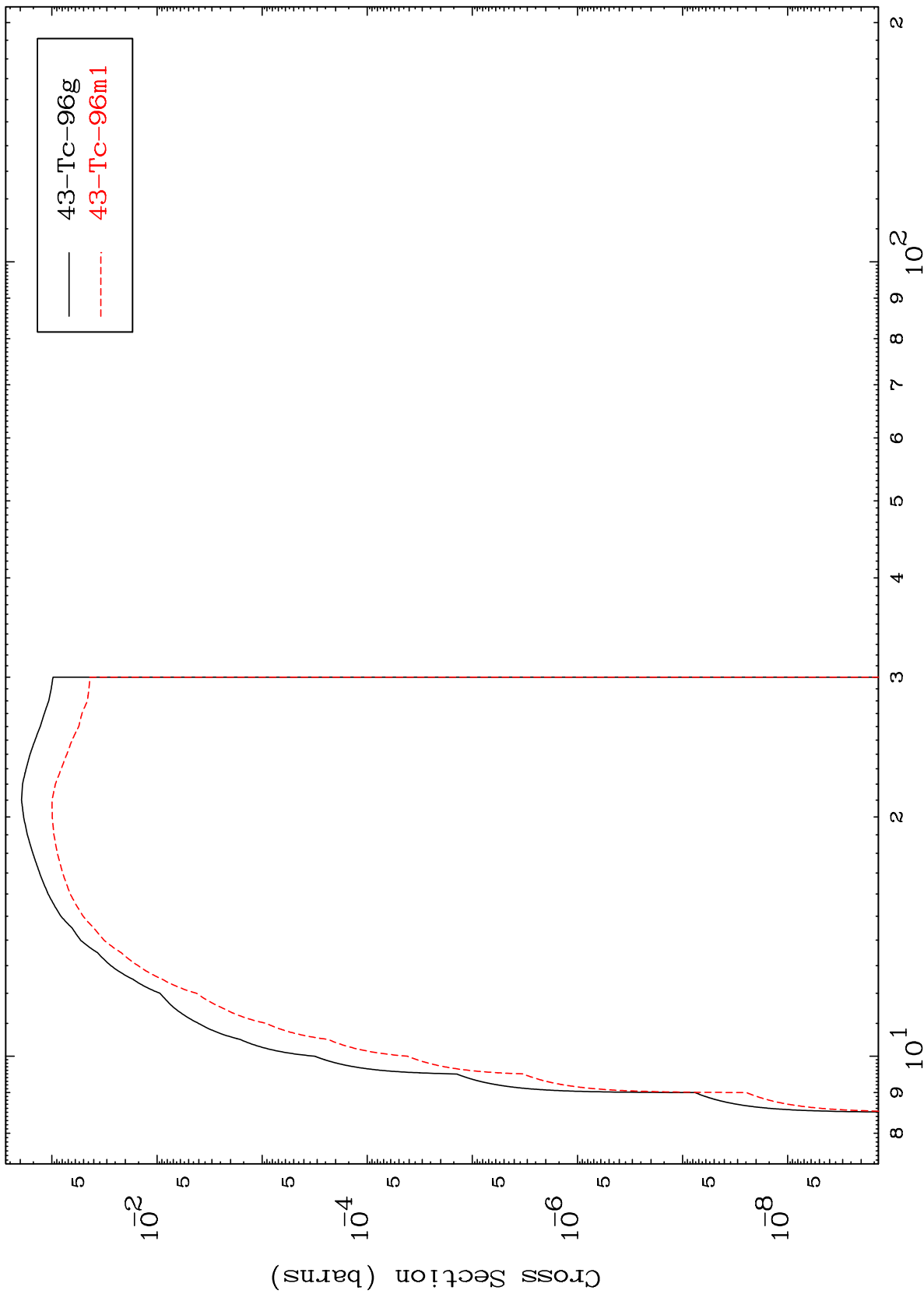
44-Ru-97

MAT 4428

(n,n') p

44-Ru-97

Radionuclide Production Cross Section



139

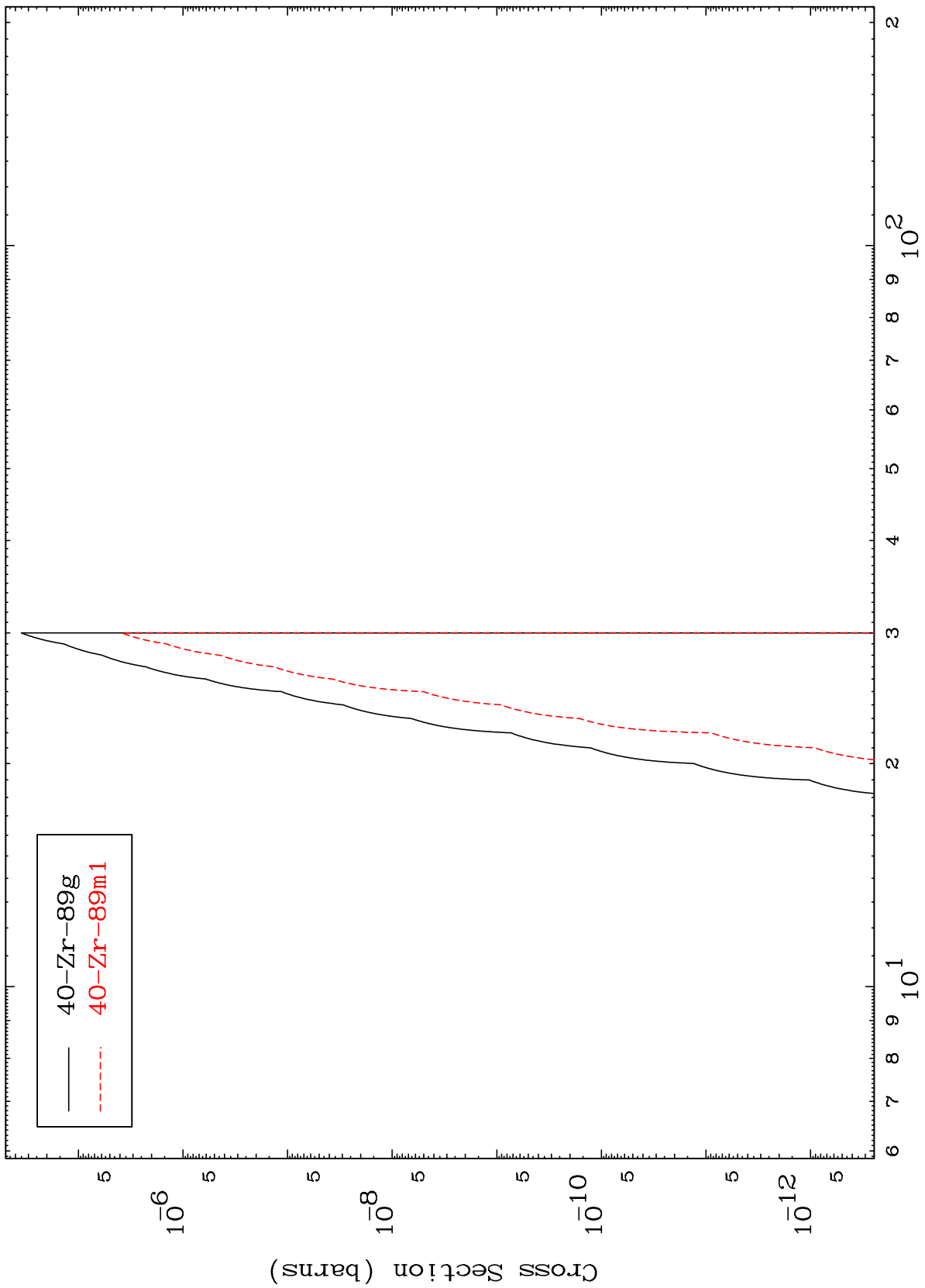
Incident Energy (MeV)

44-Ru-97

MAT 4428

44-Ru-97

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

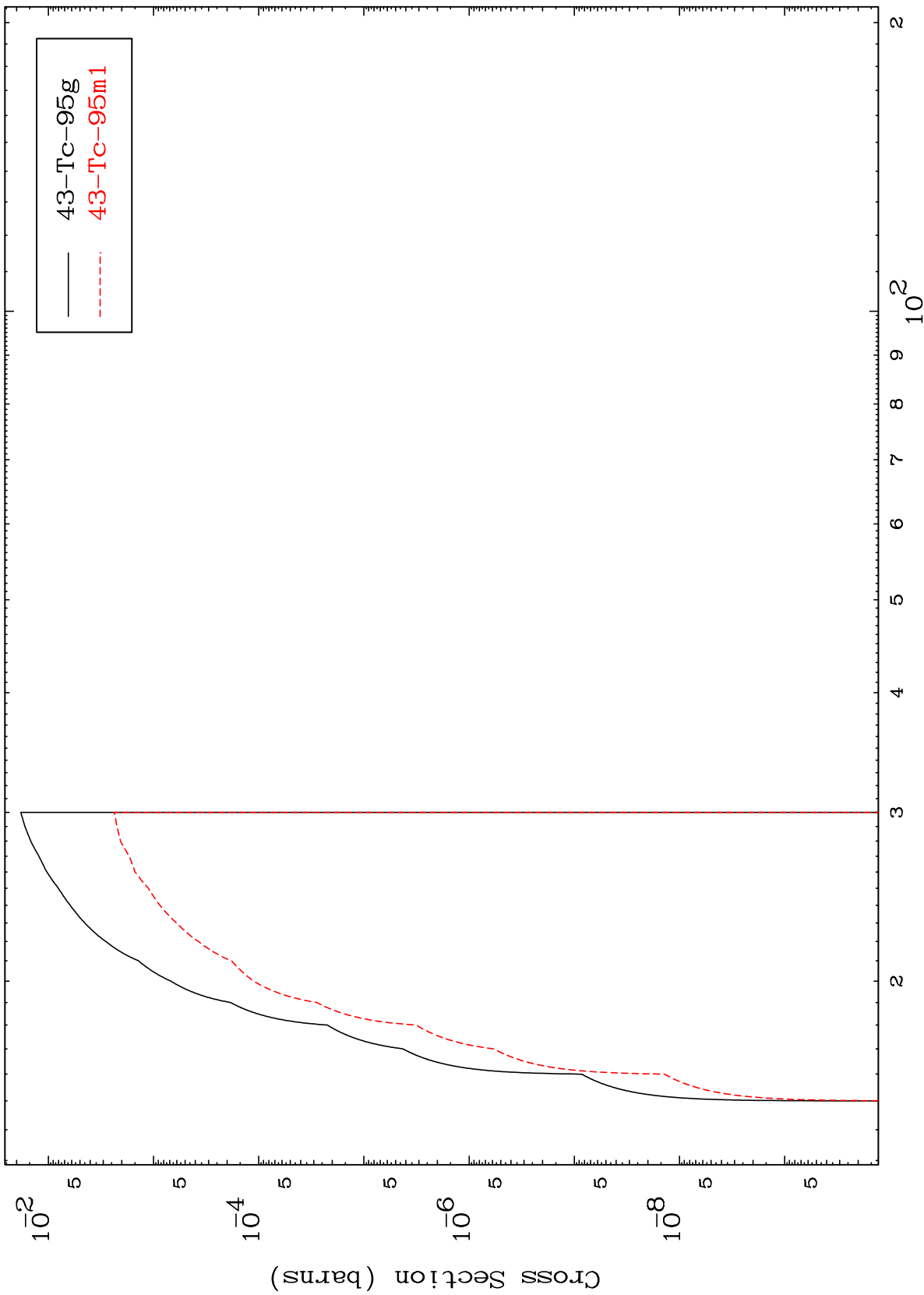


140

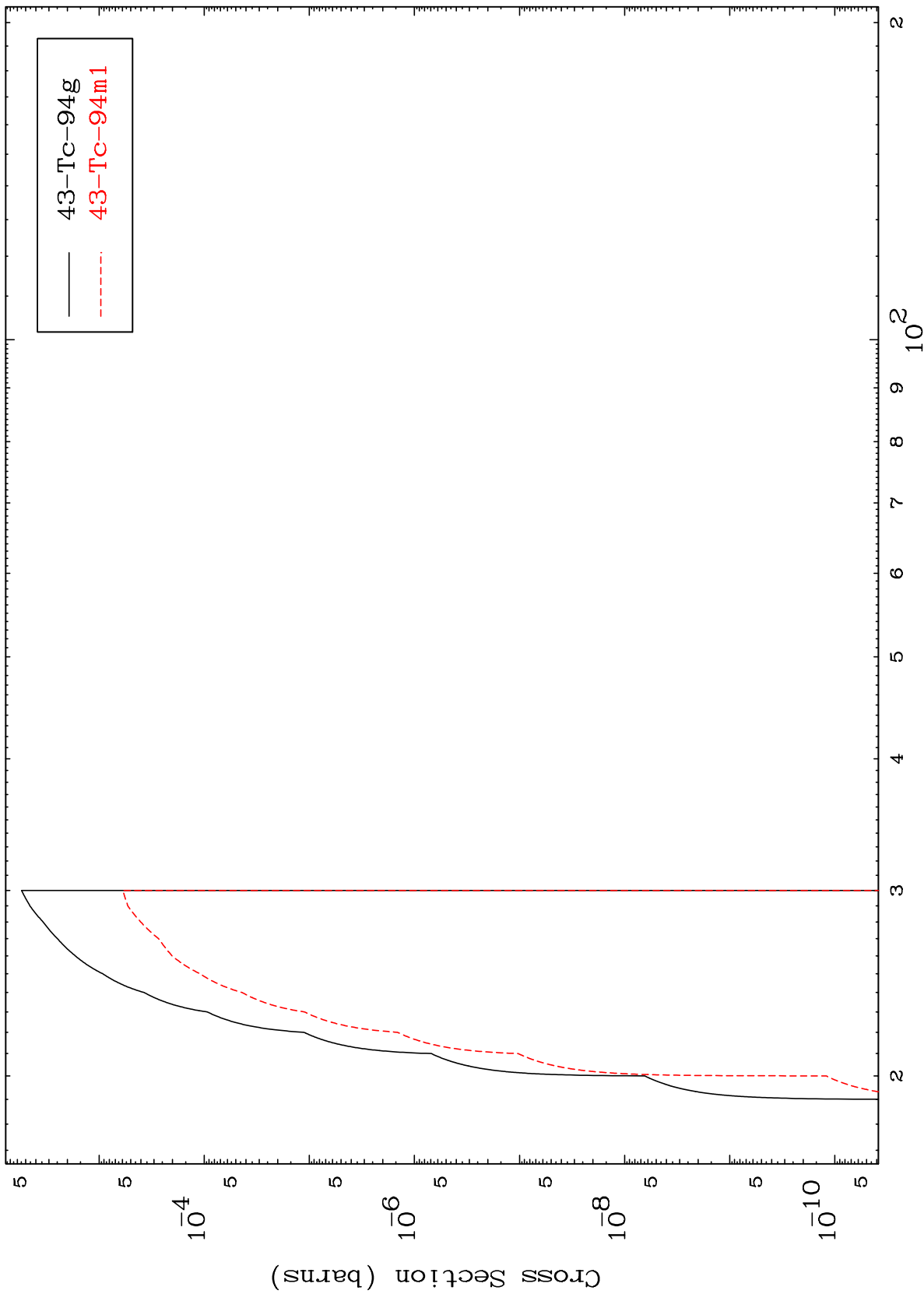
Incident Energy (MeV)

44-Ru-97

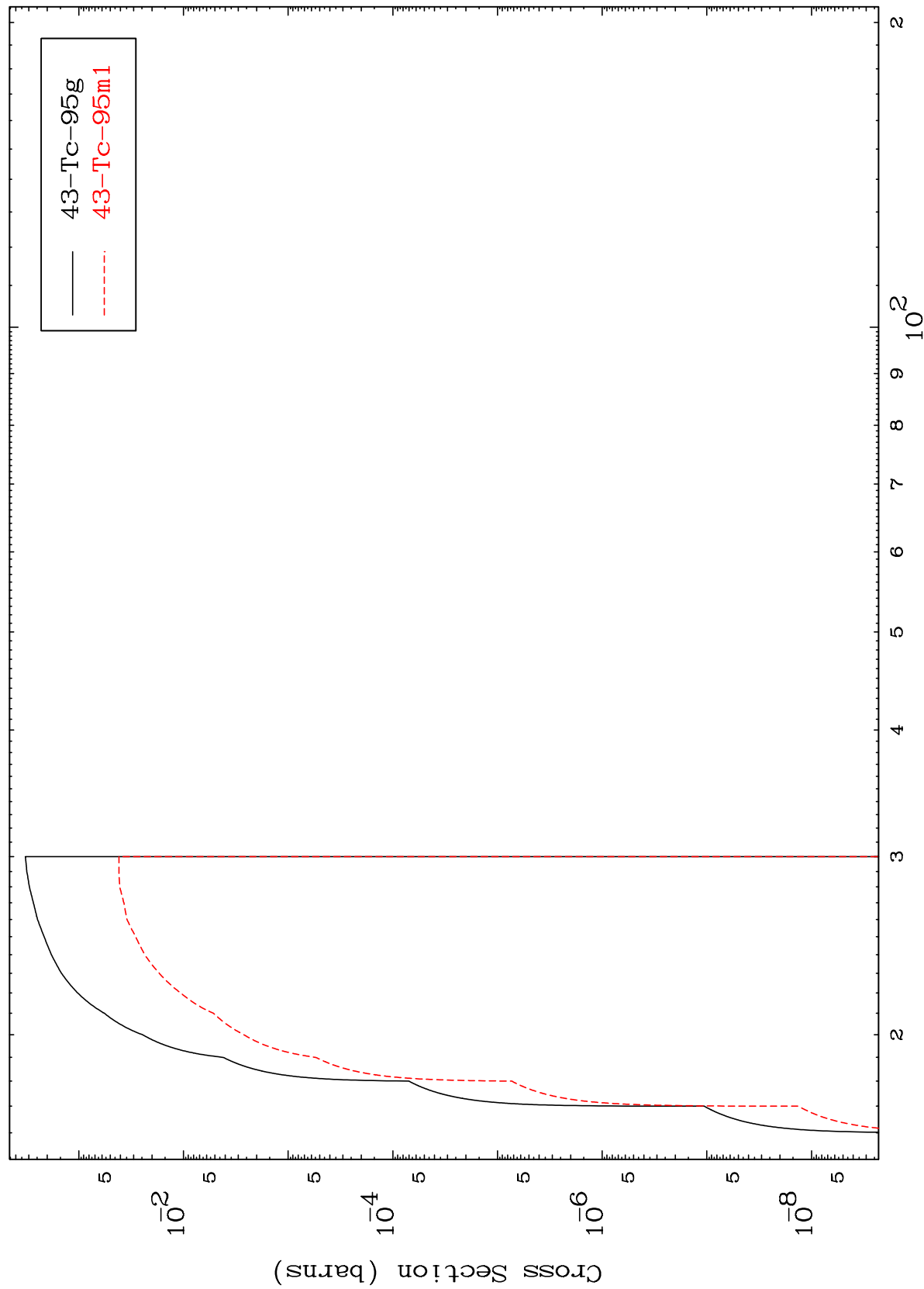
Radionuclide Production Cross Section



Radionuclide Production Cross Section

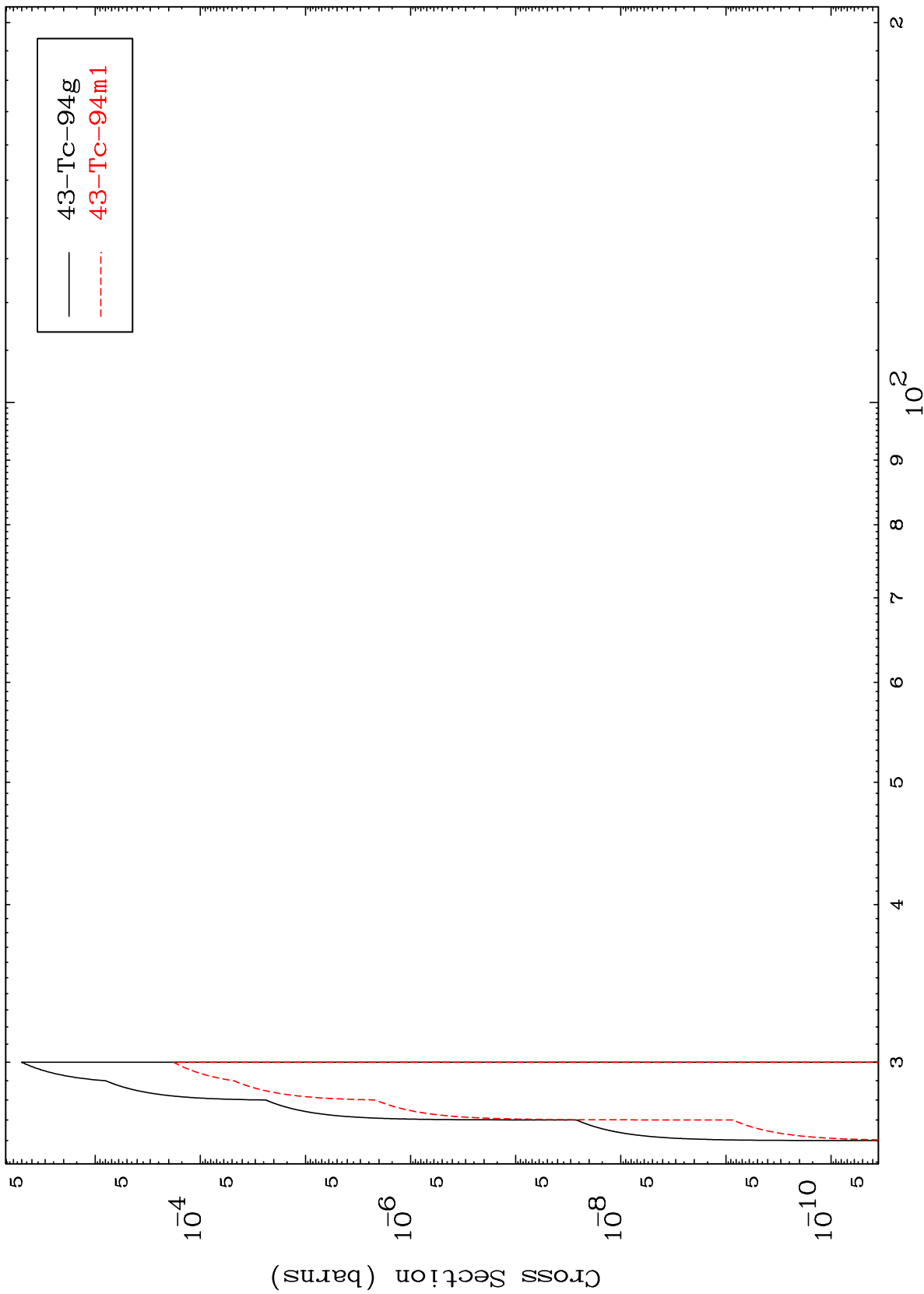


Radionuclide Production Cross Section



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

Radionuclide Production Cross Section



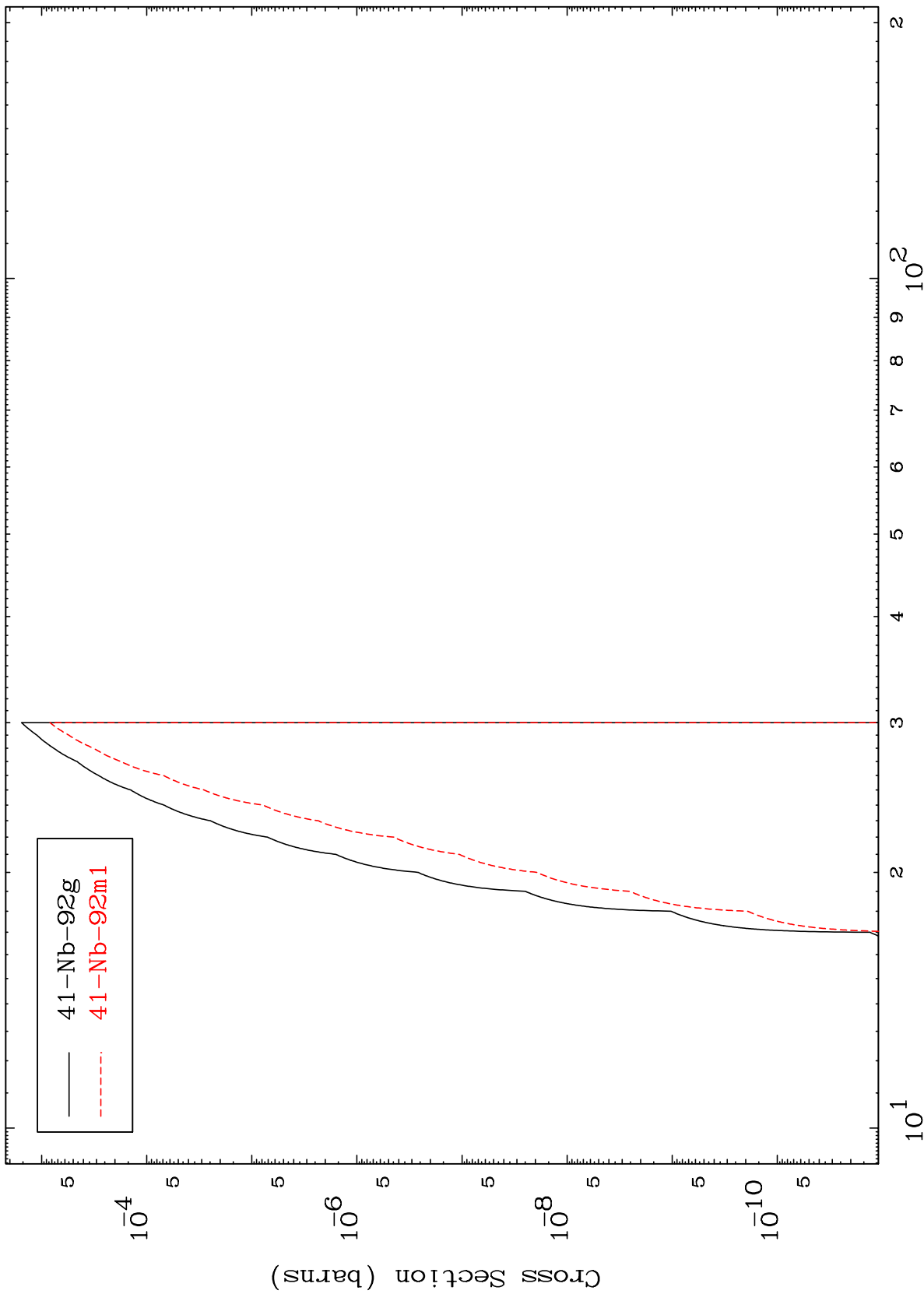
43-Tc-94g
43-Tc-94m1

MAT 4428

(n,n') p α

44-Ru-97

Radionuclide Production Cross Section



Incident Energy (MeV)

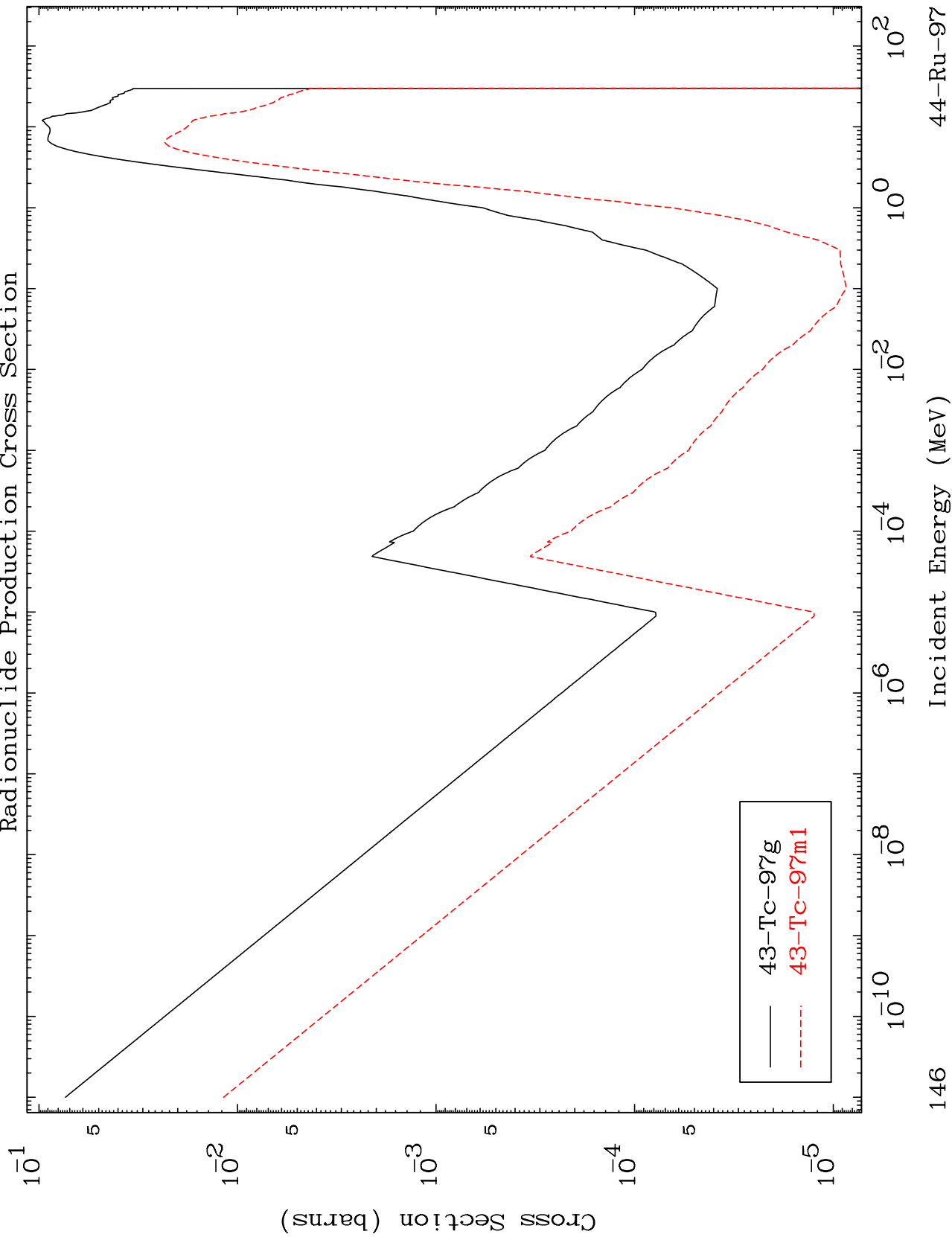
44-Ru-97

145

MAT 4428

44-Ru-97

(n,p)
Radionuclide Production Cross Section



— 43-Tc-97g
- - - 43-Tc-97m1

44-Ru-97

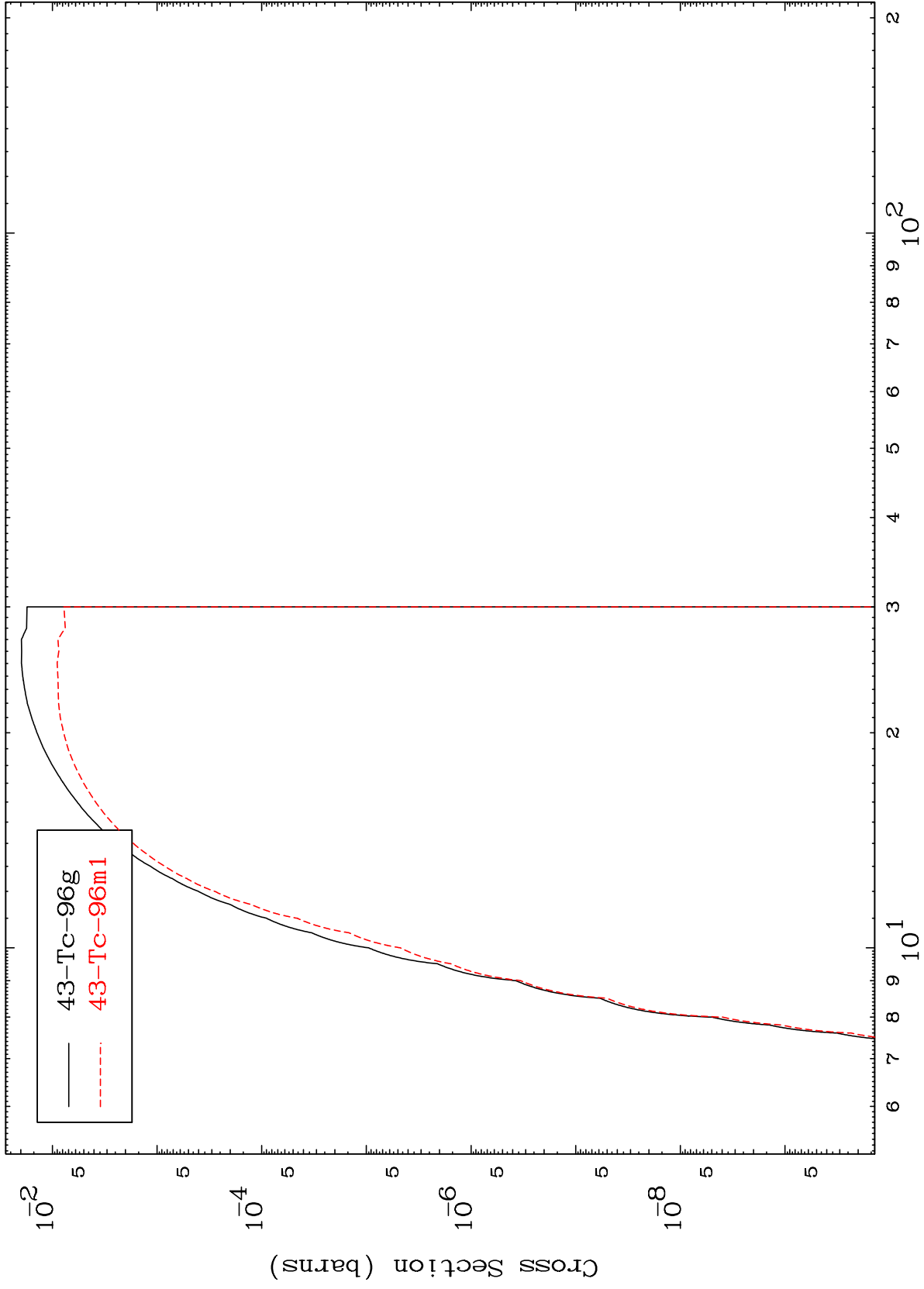
Incident Energy (MeV)

146

MAT 4428

44-Ru-97

(n,d)
Radionuclide Production Cross Section



44-Ru-97

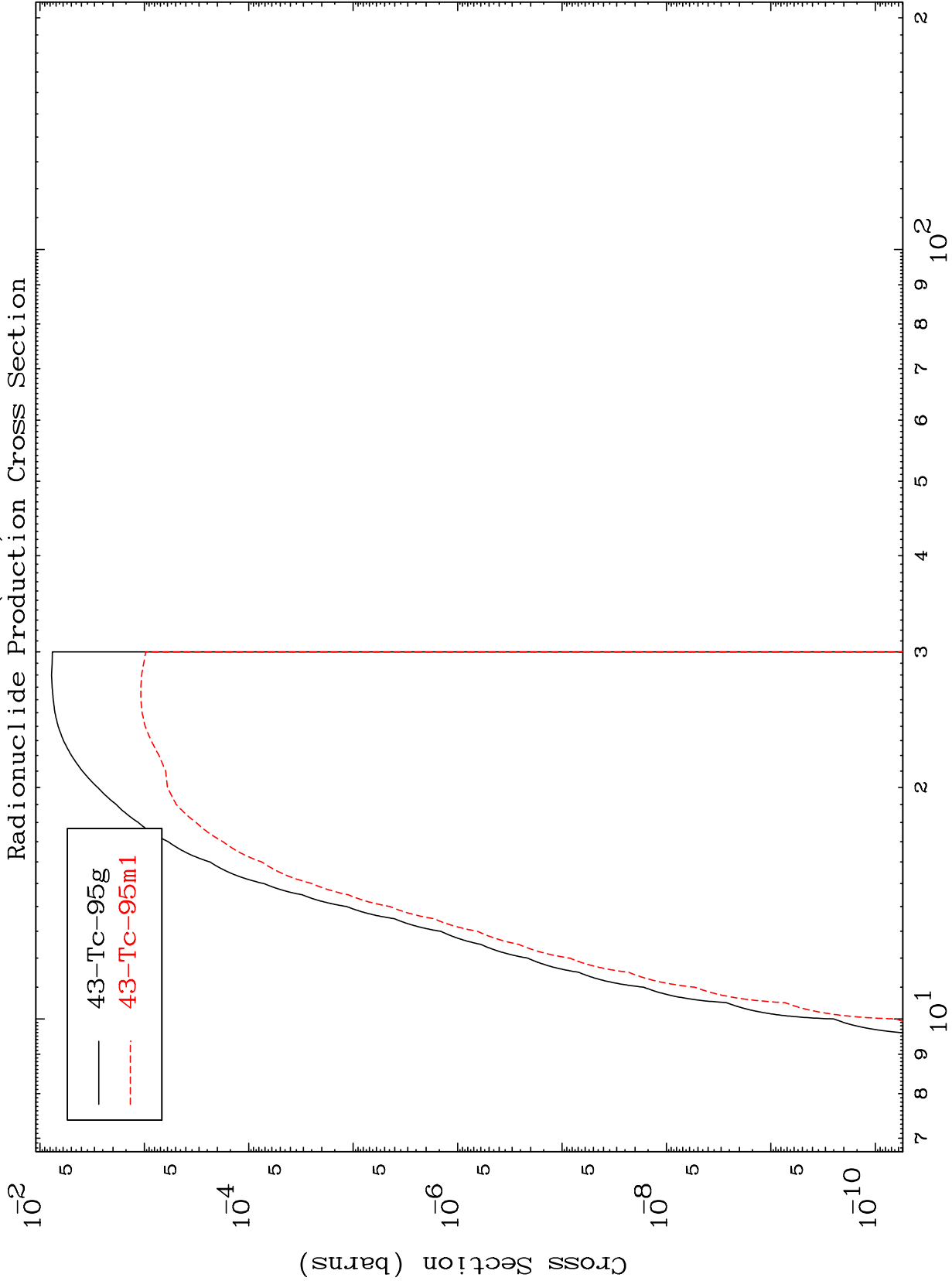
Incident Energy (MeV)

147

MAT 4428

44-Ru-97

(n, t)
Radionuclide Production Cross Section



44-Ru-97

Incident Energy (MeV)

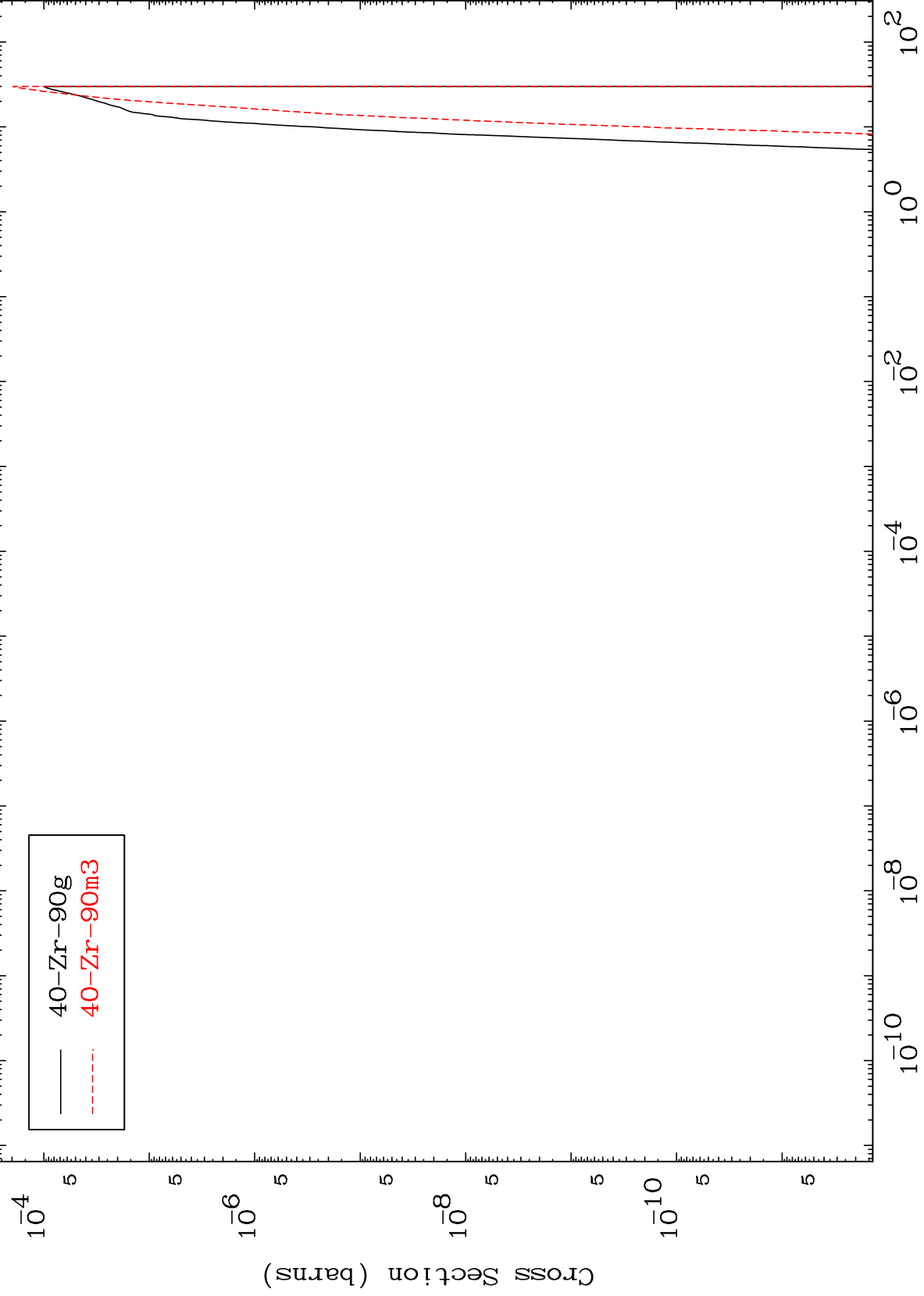
148

MAT 4428

(n,2α)

44-Ru-97

Radionuclide Production Cross Section



149

Incident Energy (MeV)

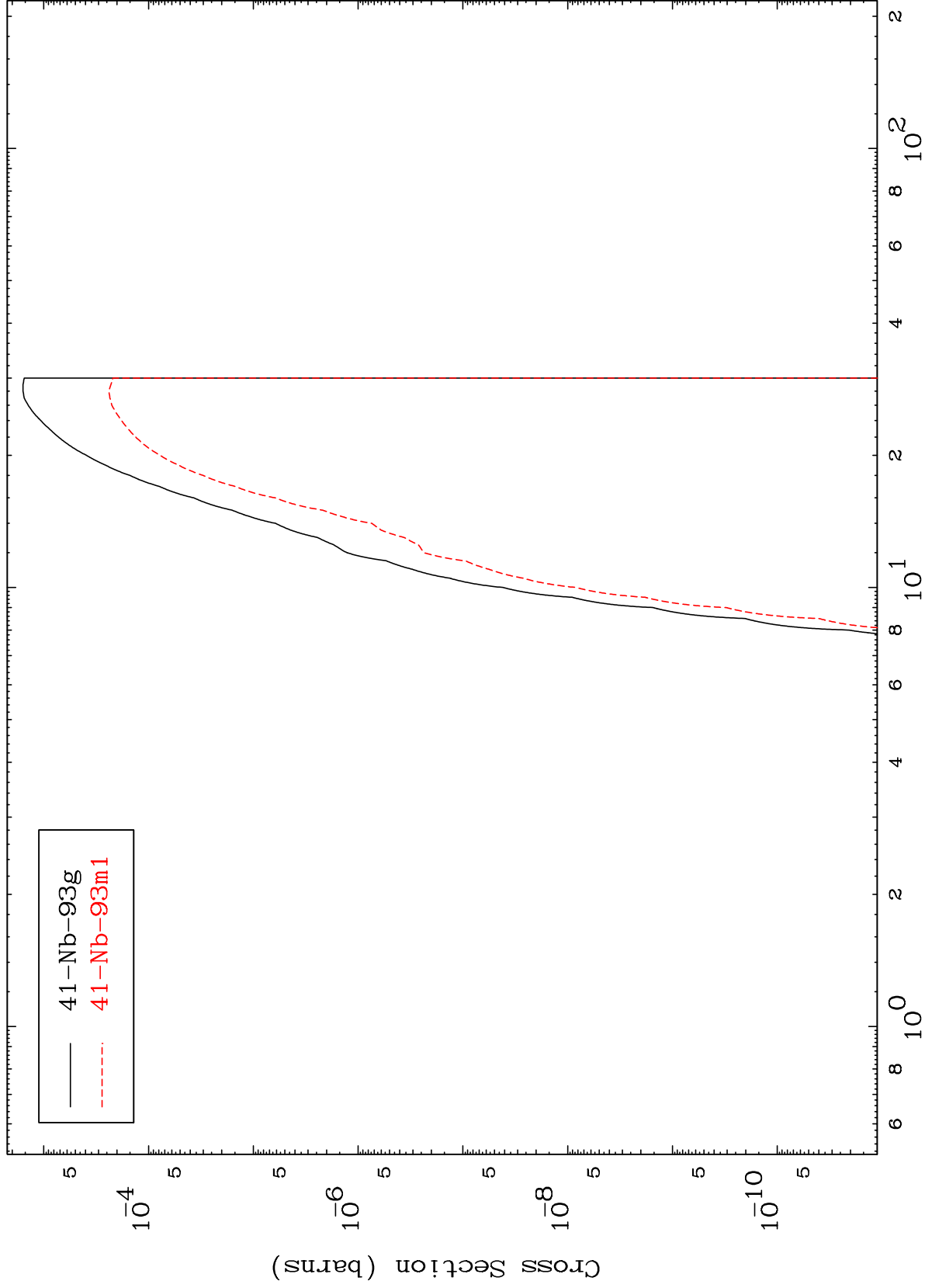
44-Ru-97

MAT 4428

(n,p) α

44-Ru-97

Radionuclide Production Cross Section



150

Incident Energy (MeV)

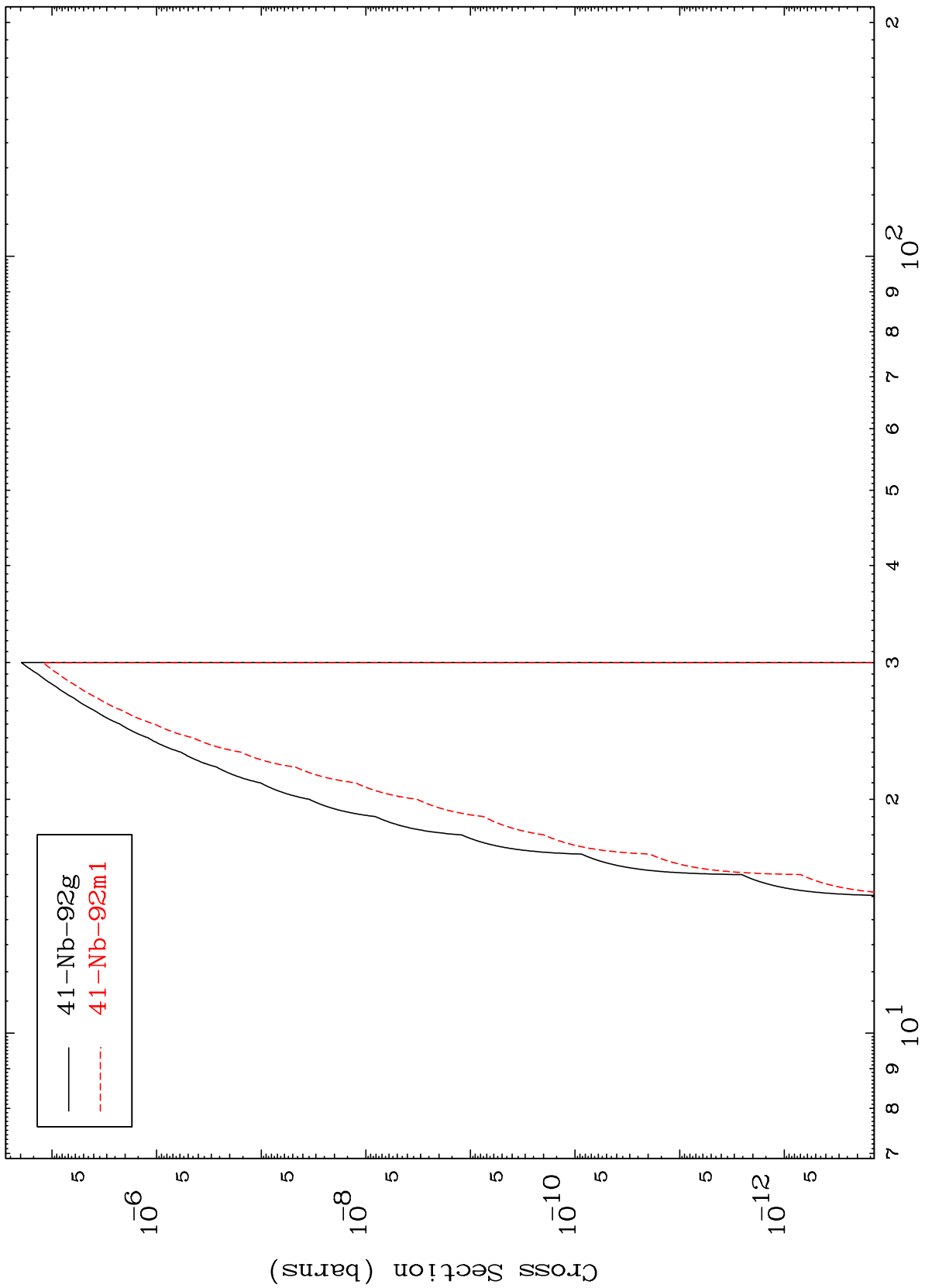
44-Ru-97

MAT 4428

(n,d) α

44-Ru-97

Radionuclide Production Cross Section



151

Incident Energy (MeV)

44-Ru-97