

Program EVALPLOT
(Version 2021-1)

by

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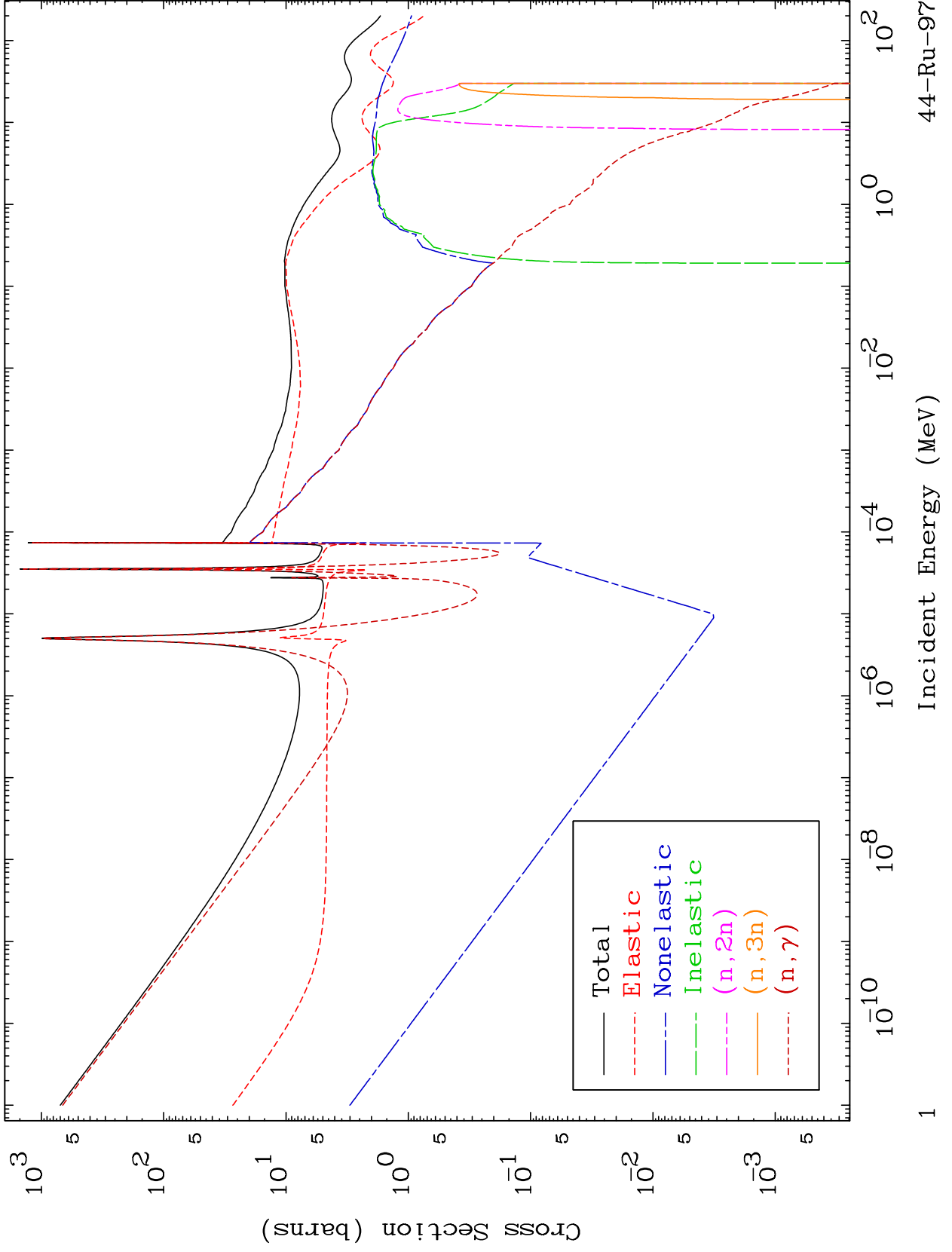
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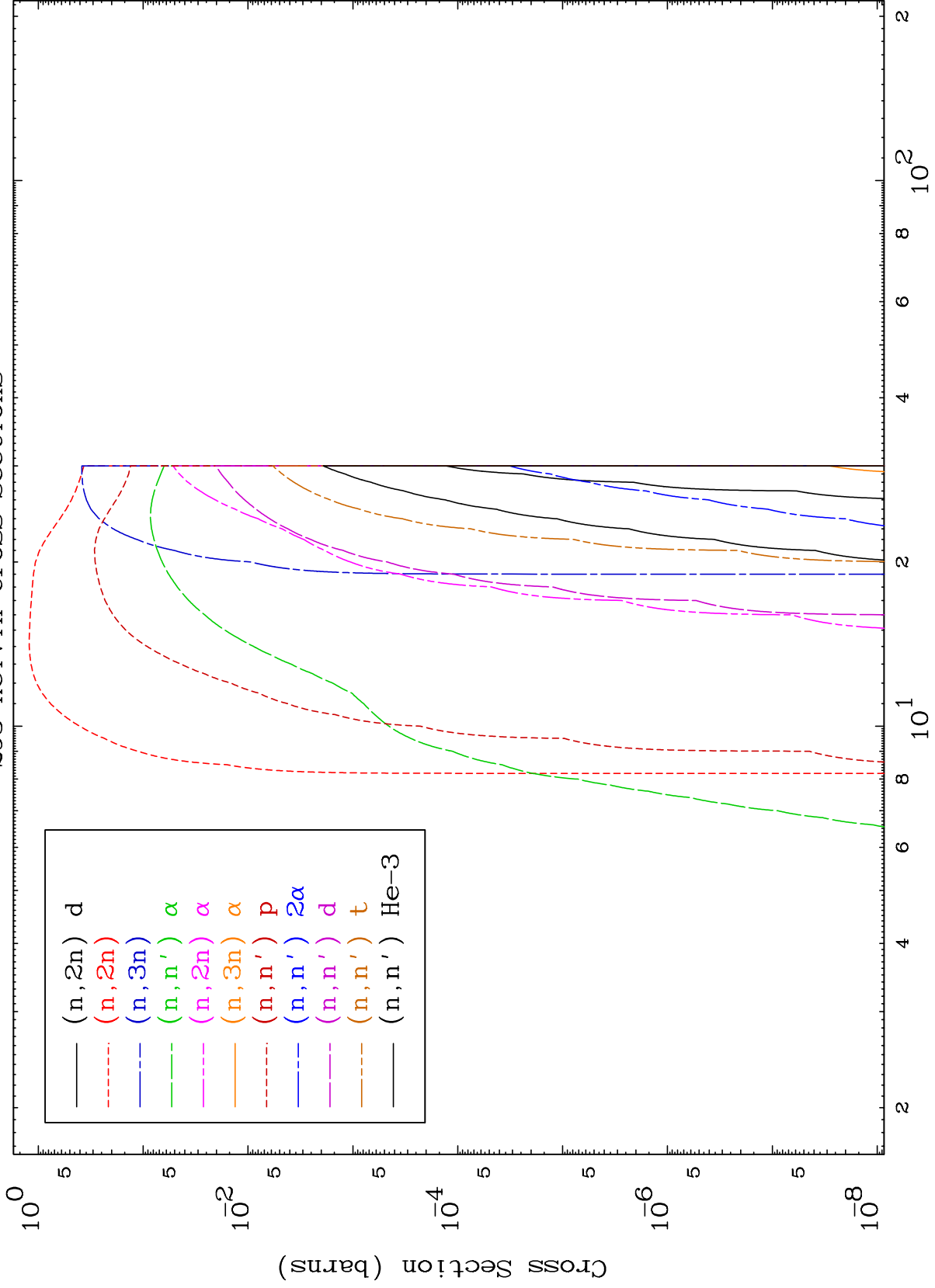
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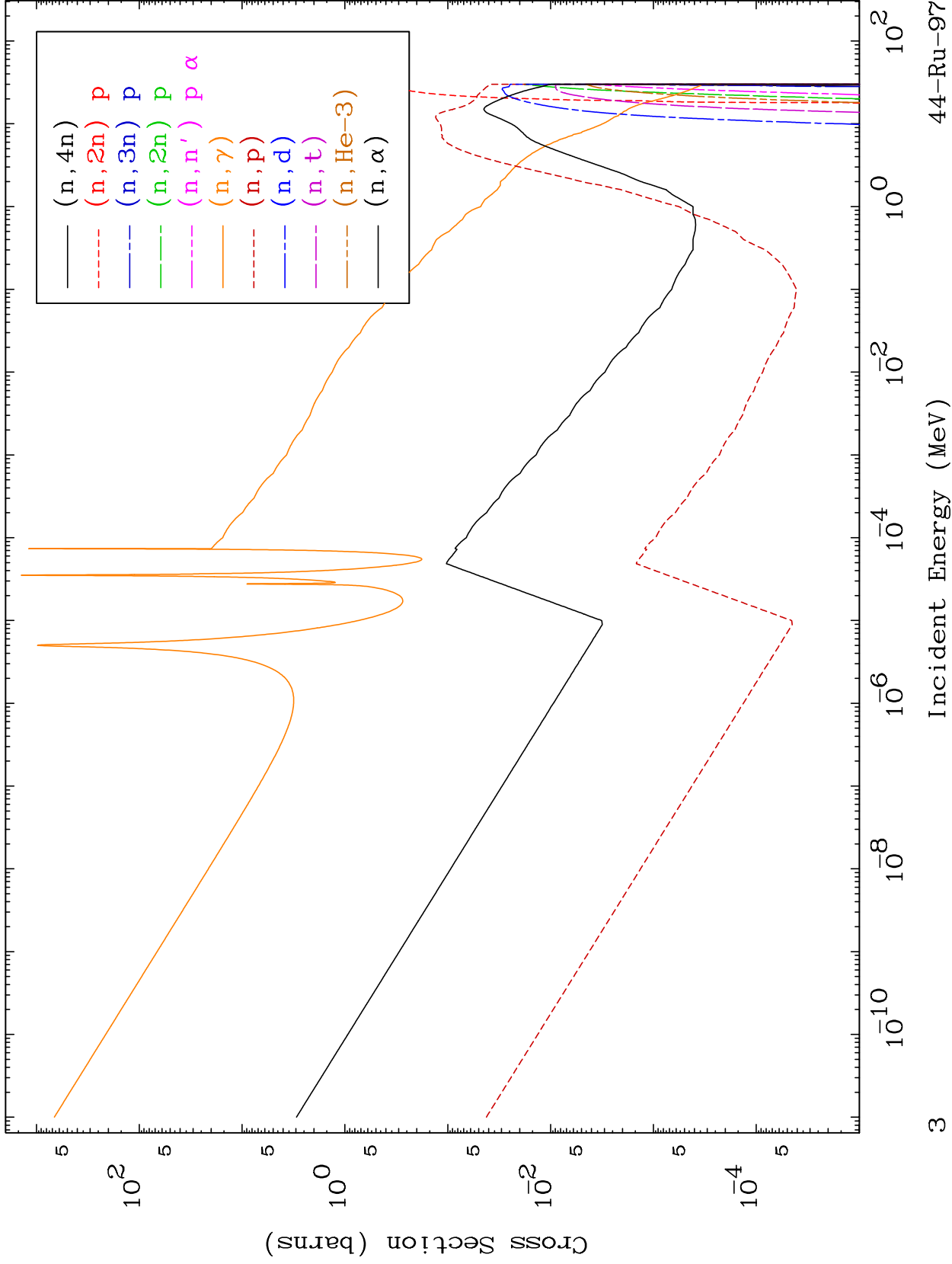
MAT 4428

Neutron Major
293 Kelvin Cross Sections

44-Ru-97



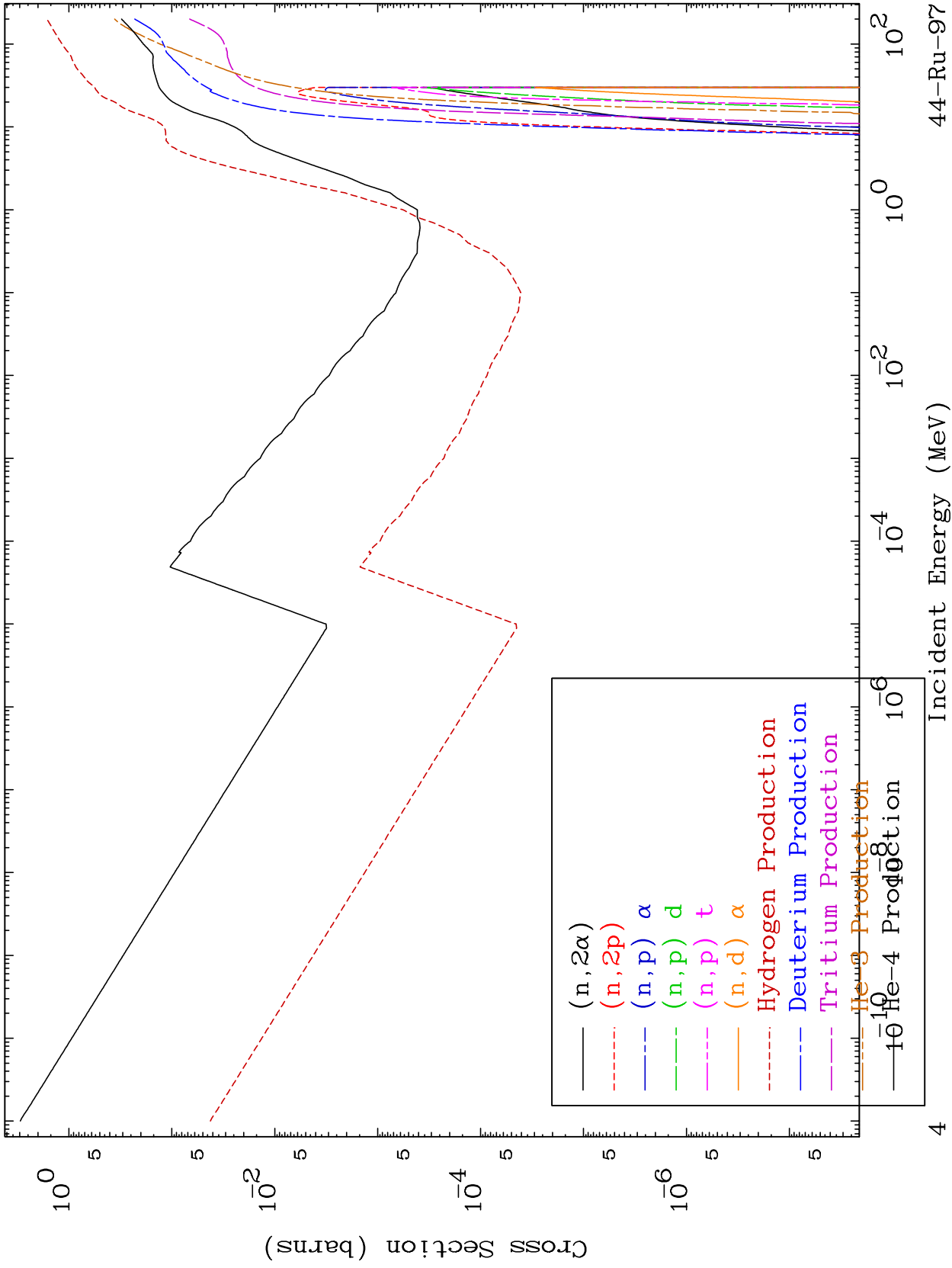




MAT 4428

Neutron Absorption
293 Kelvin Cross Sections

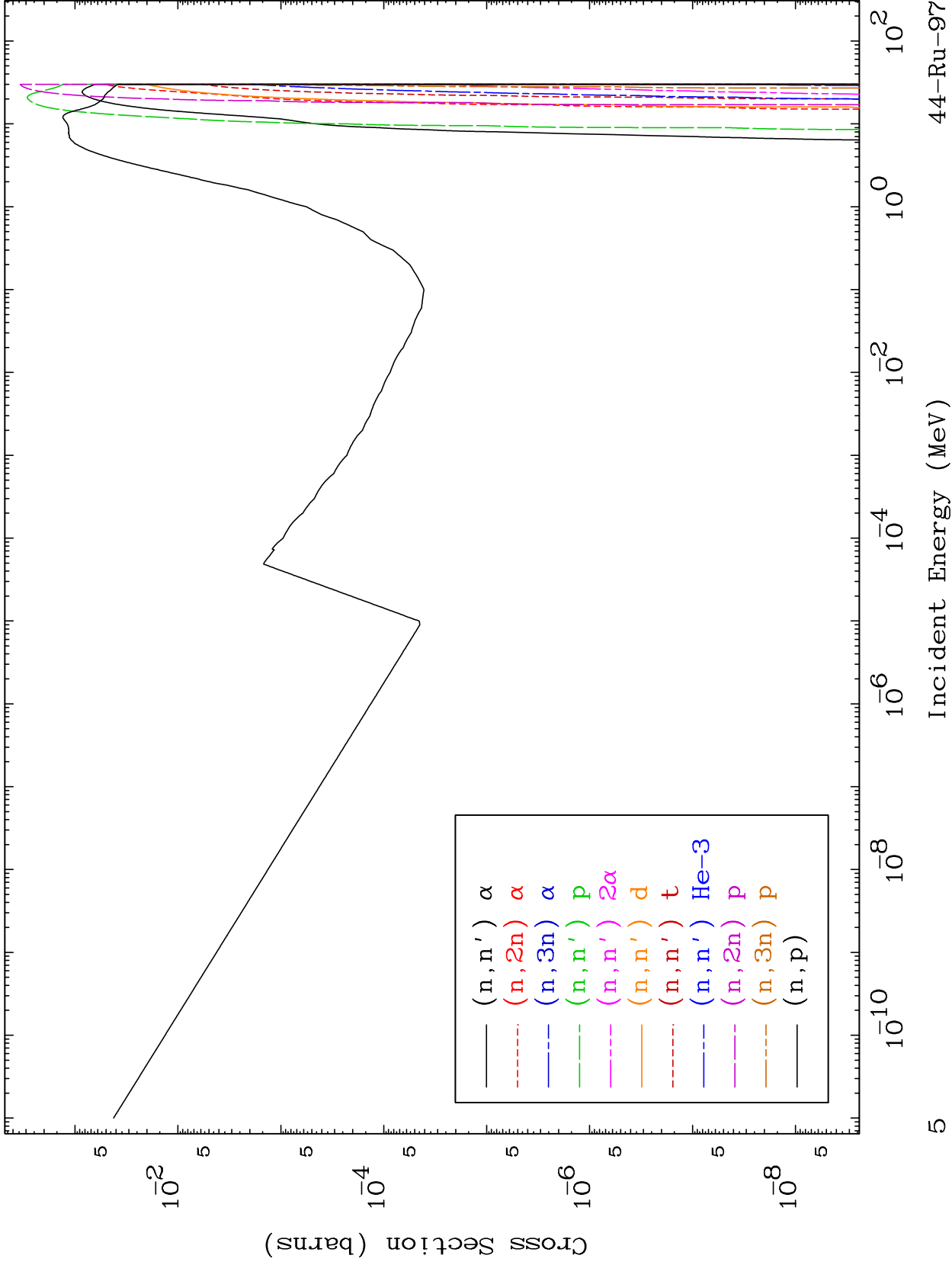
44-Ru-97



MAT 4428

Charged Particle
293 Kelvin Cross Sections

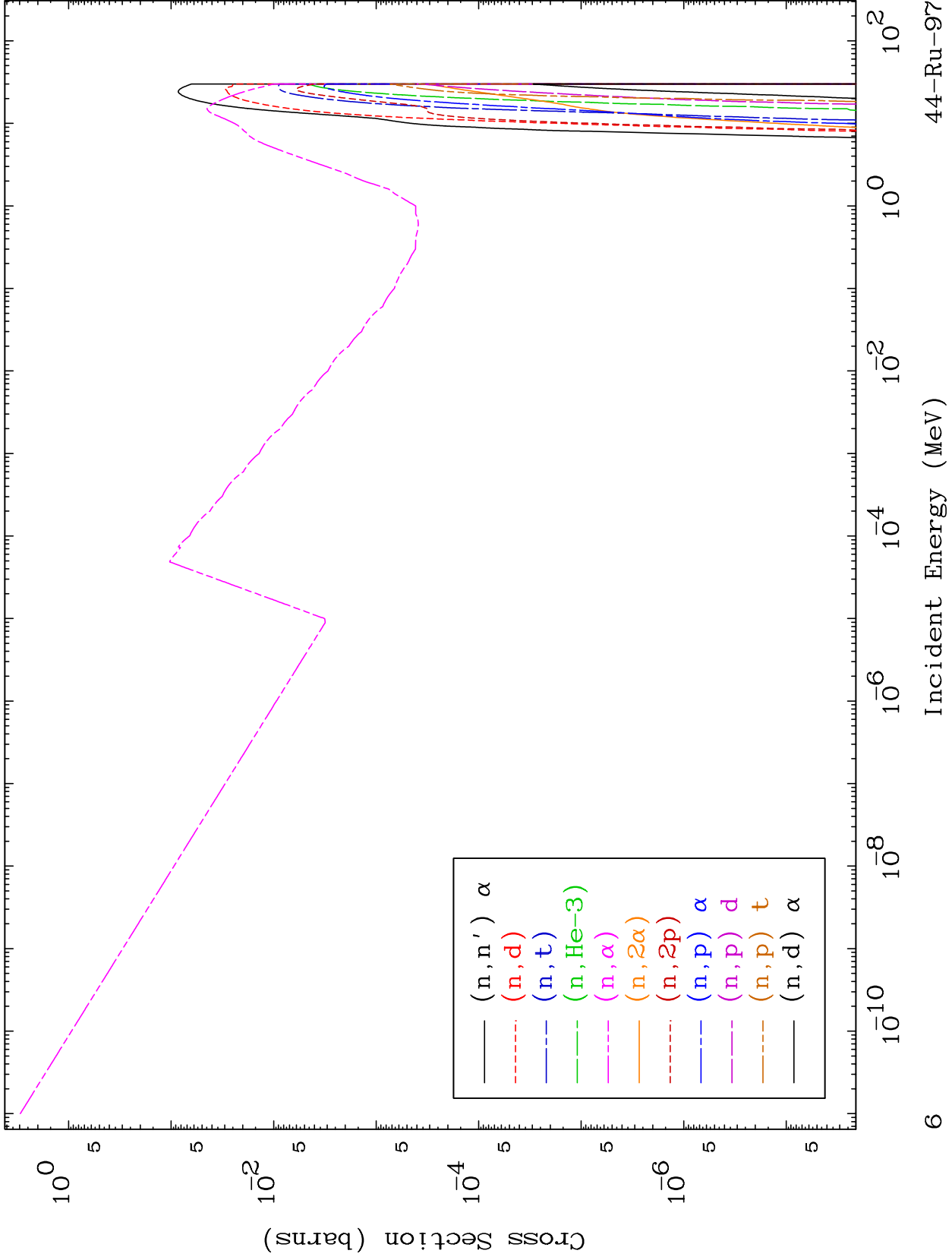
44-Ru-97



MAT 4428

Charged Particle
293 Kelvin Cross Sections

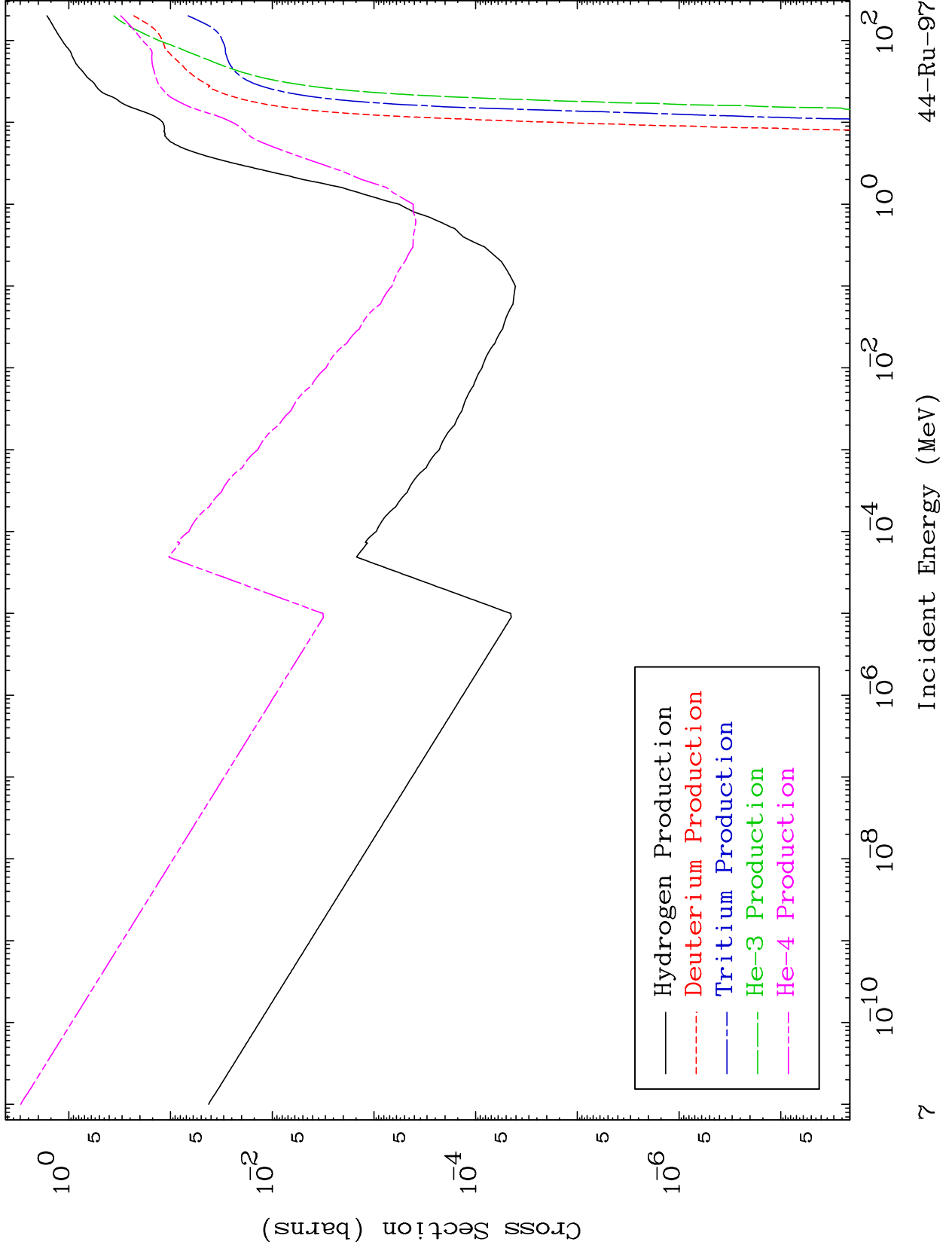
44-Ru-97



MAT 4428

Particle Production
293 Kelvin Cross Sections

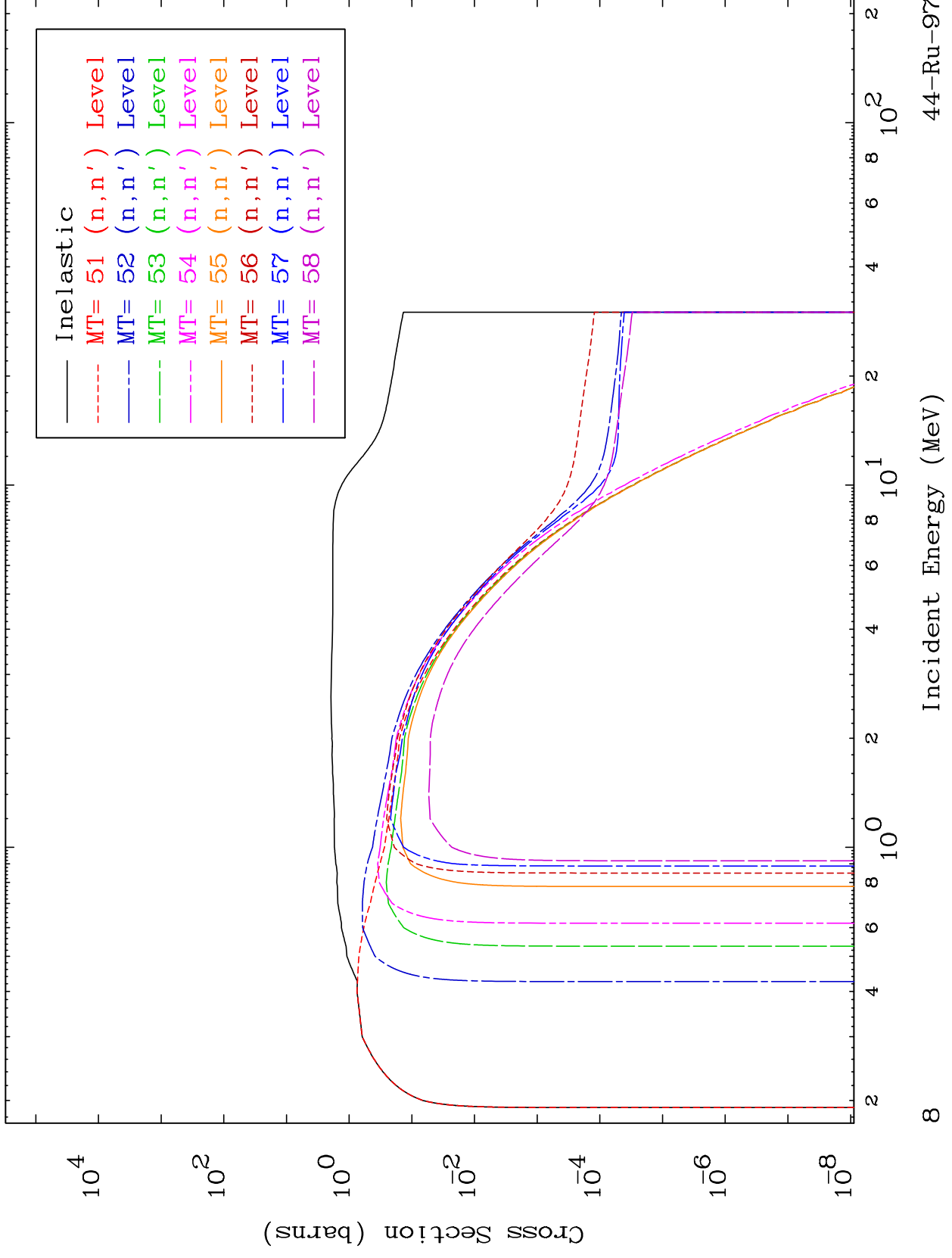
44-Ru-97



MAT 4428

(n,n') Levels
293 Kelvin Cross Sections

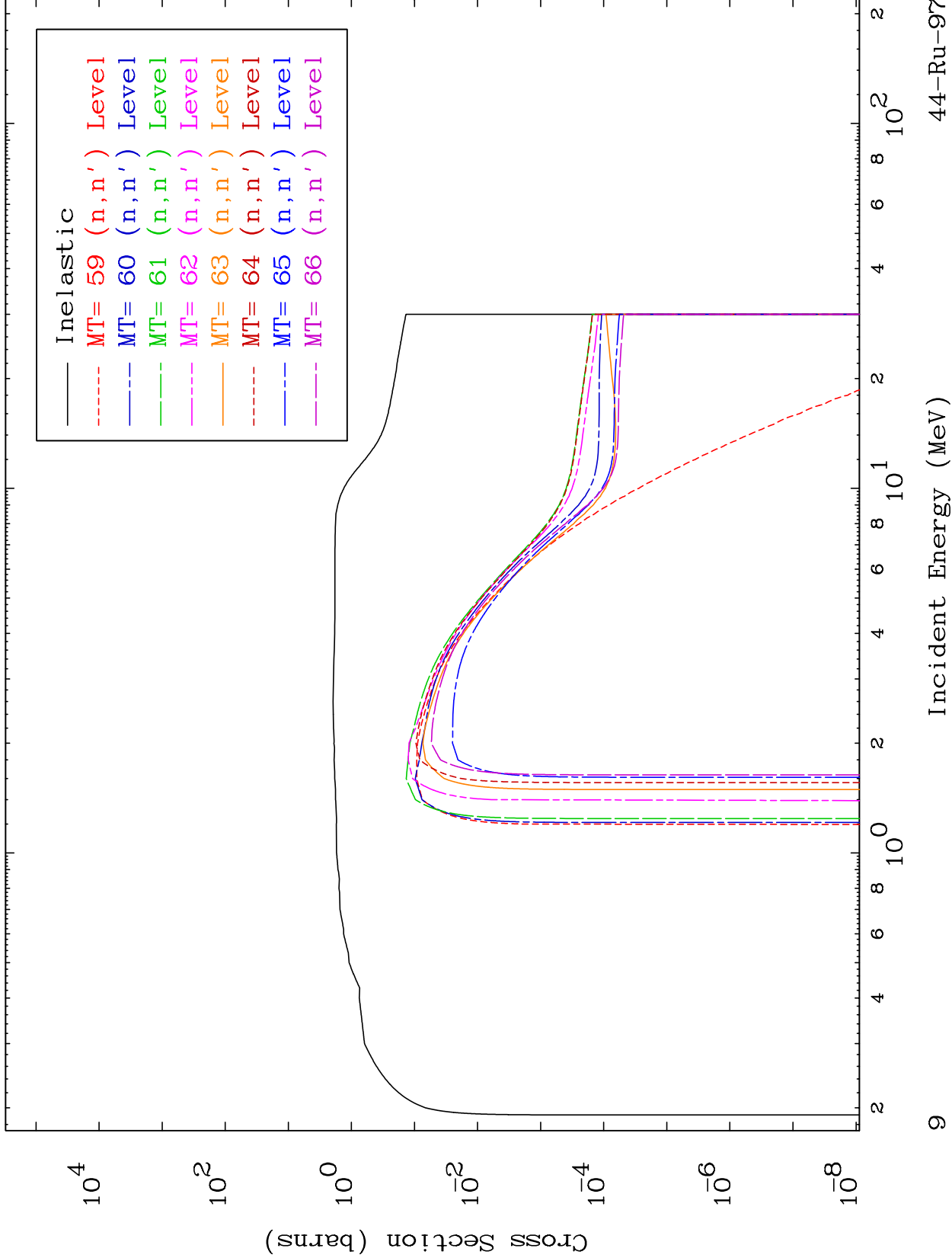
44-Ru-97



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Incident Energy (MeV)

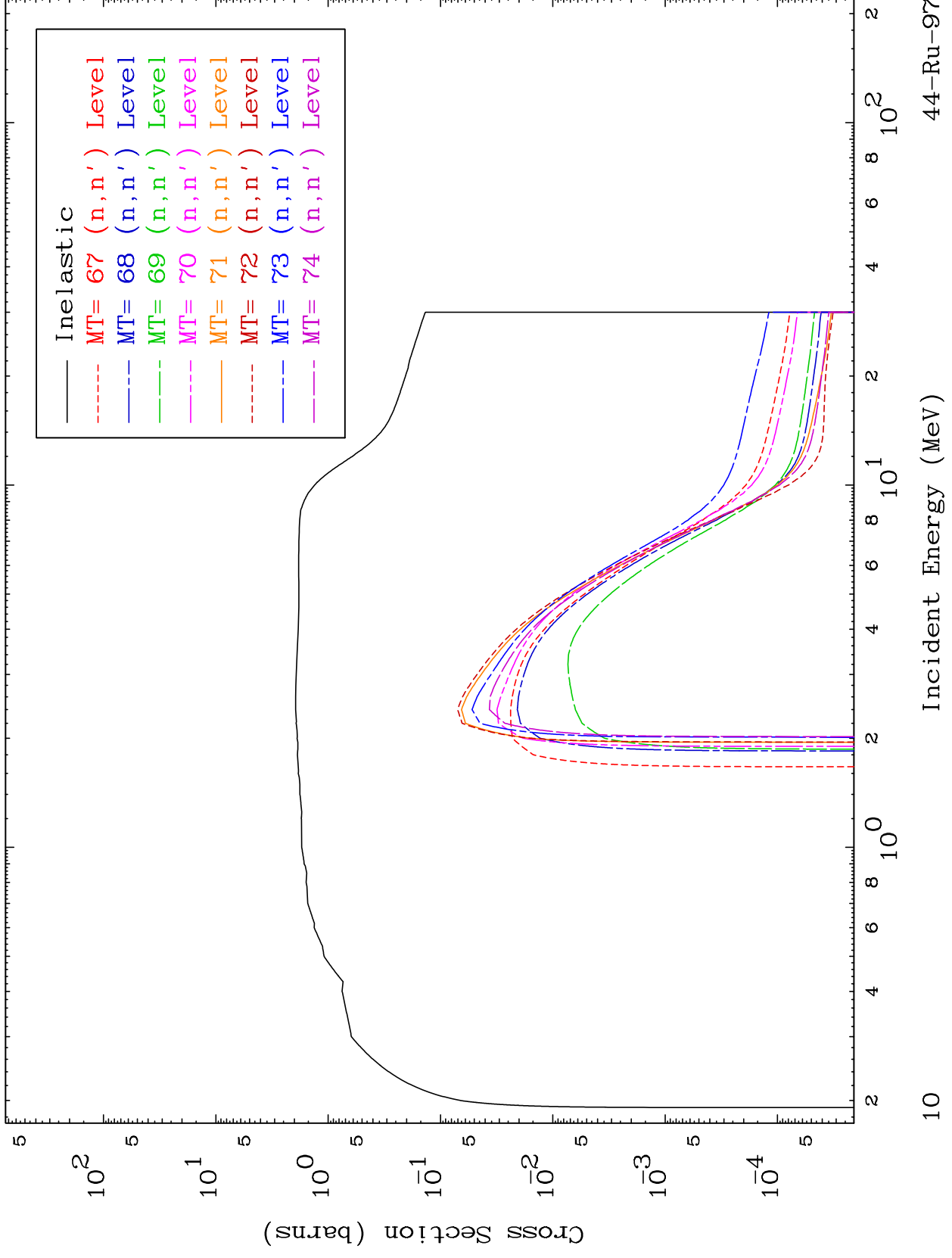
44-Ru-97



MAT 4428

(n,n') Levels
293 Kelvin Cross Sections

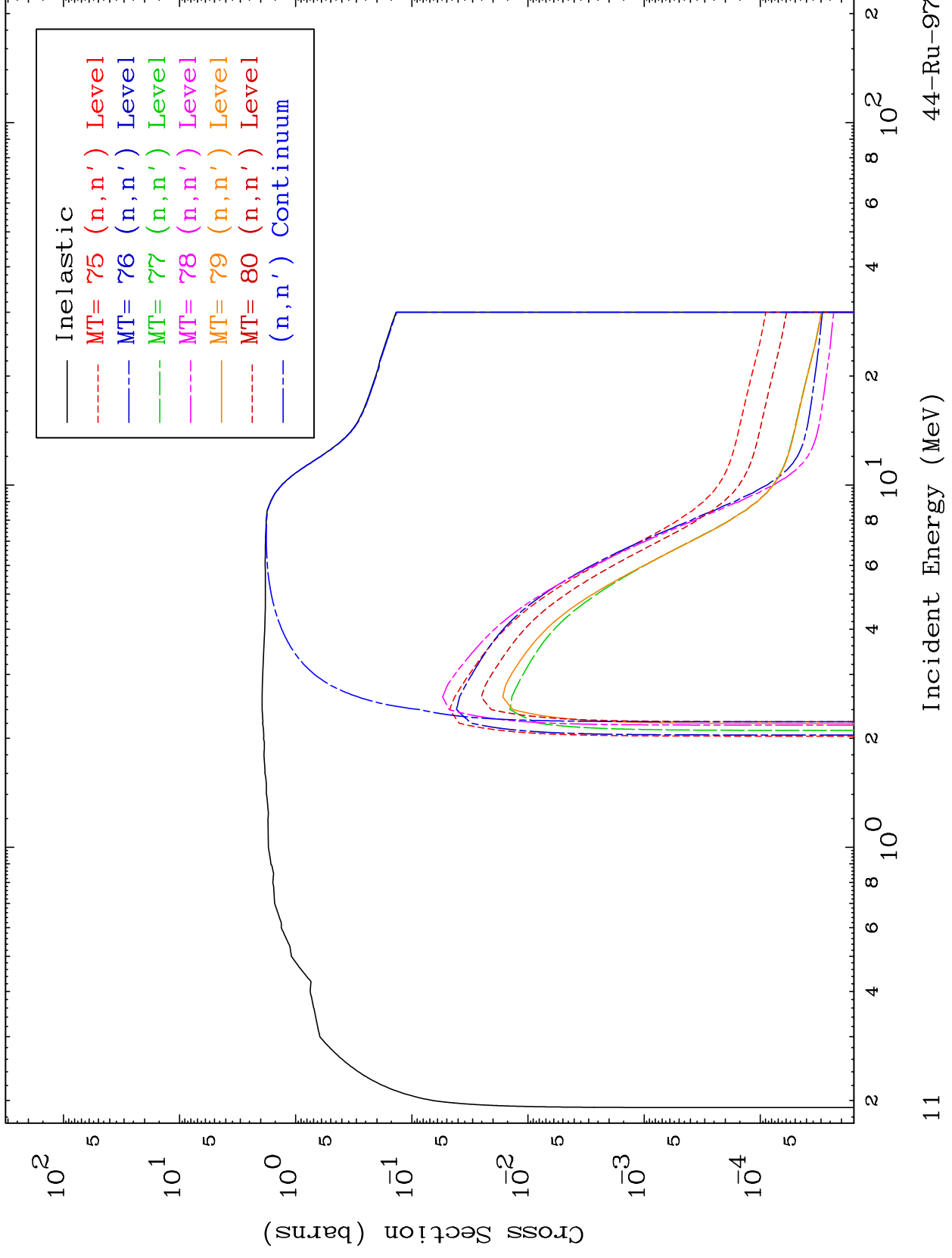
44-Ru-97



44-Ru-97

Incident Energy (MeV)

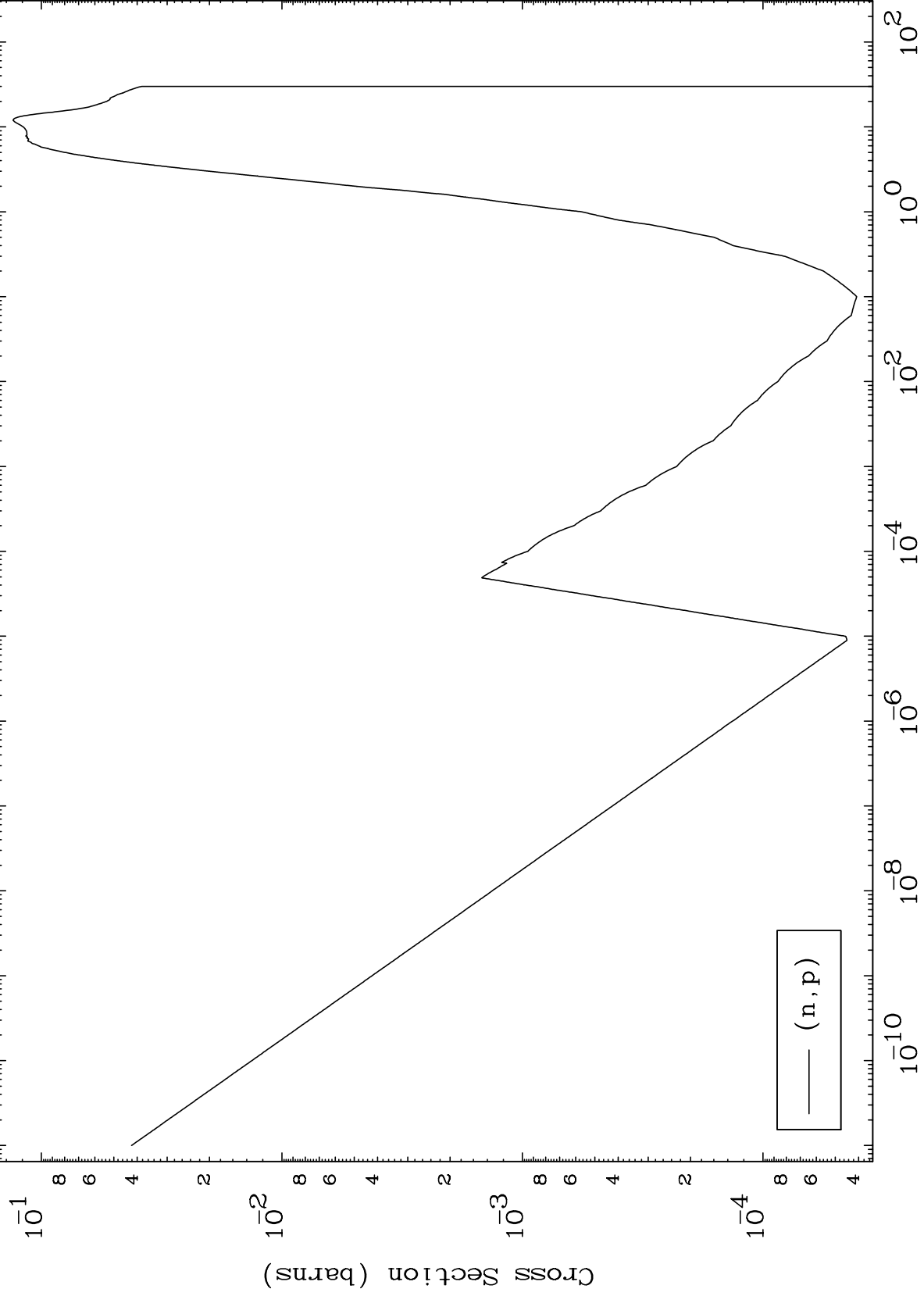
10



MAT 4428

(n,p) Levels
293 Kelvin Cross Sections

44-Ru-97



12

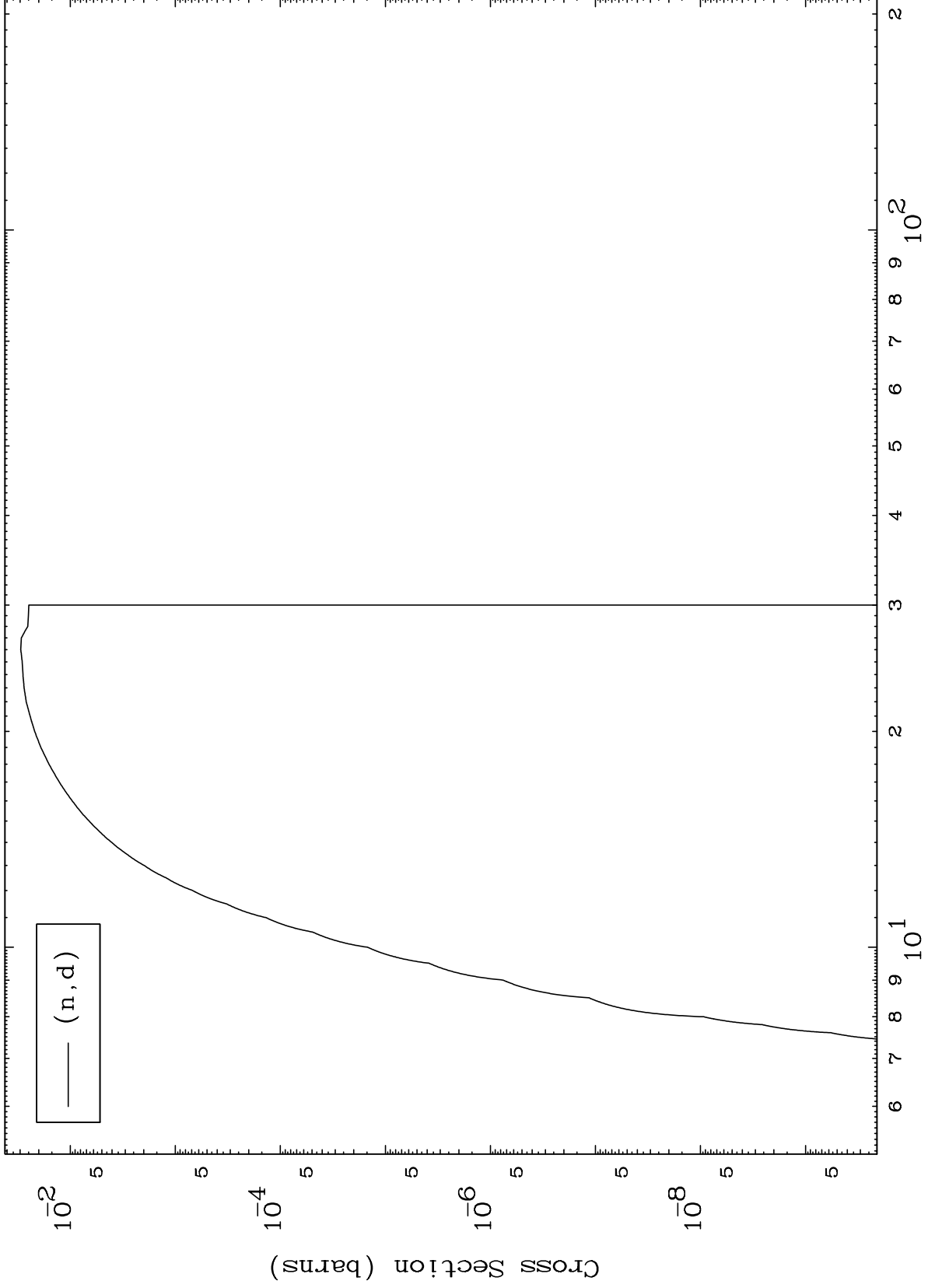
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,d) Levels
293 Kelvin Cross Sections

44-Ru-97



13

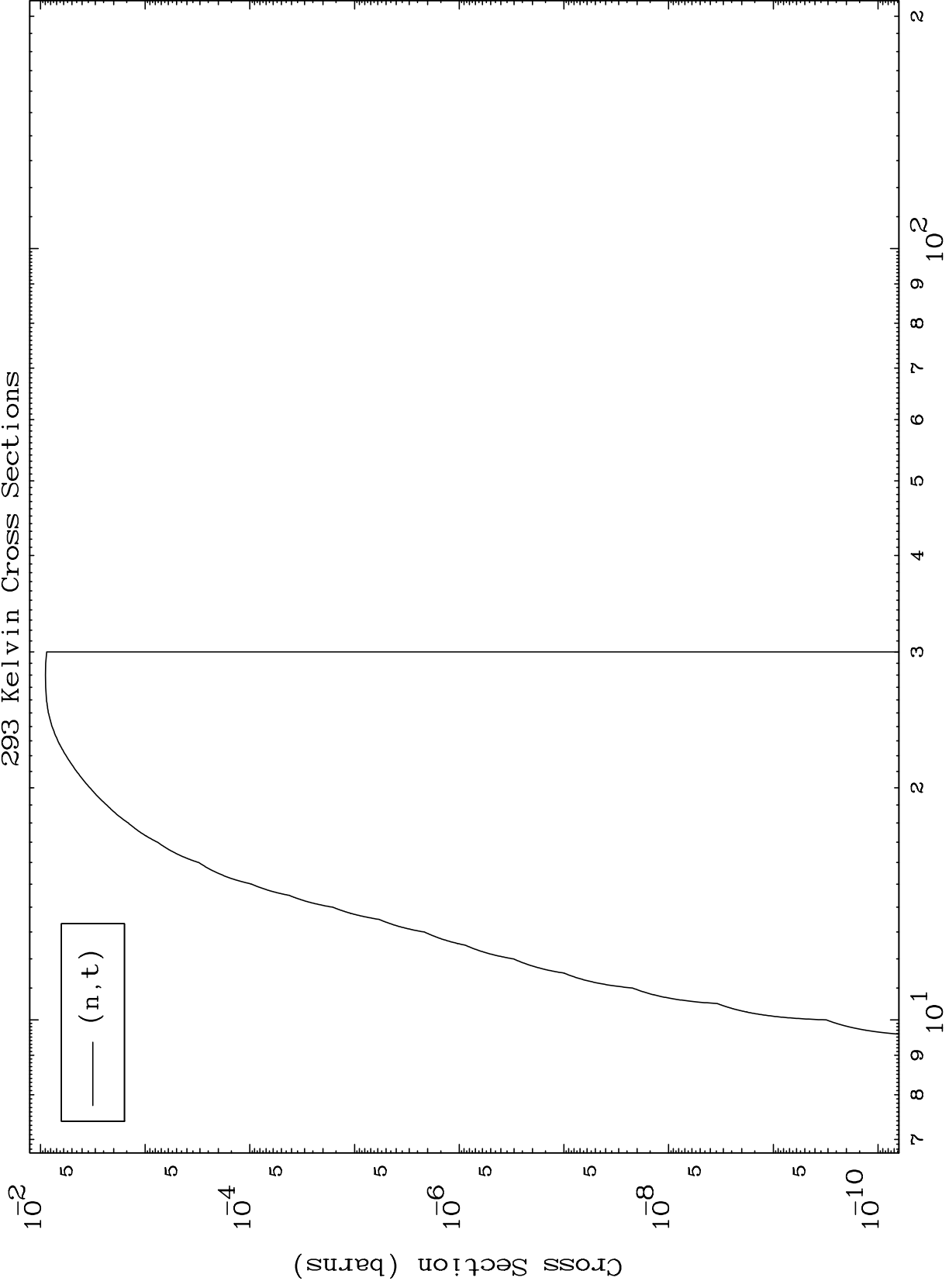
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,t) Levels
293 Kelvin Cross Sections

44-Ru-97



14

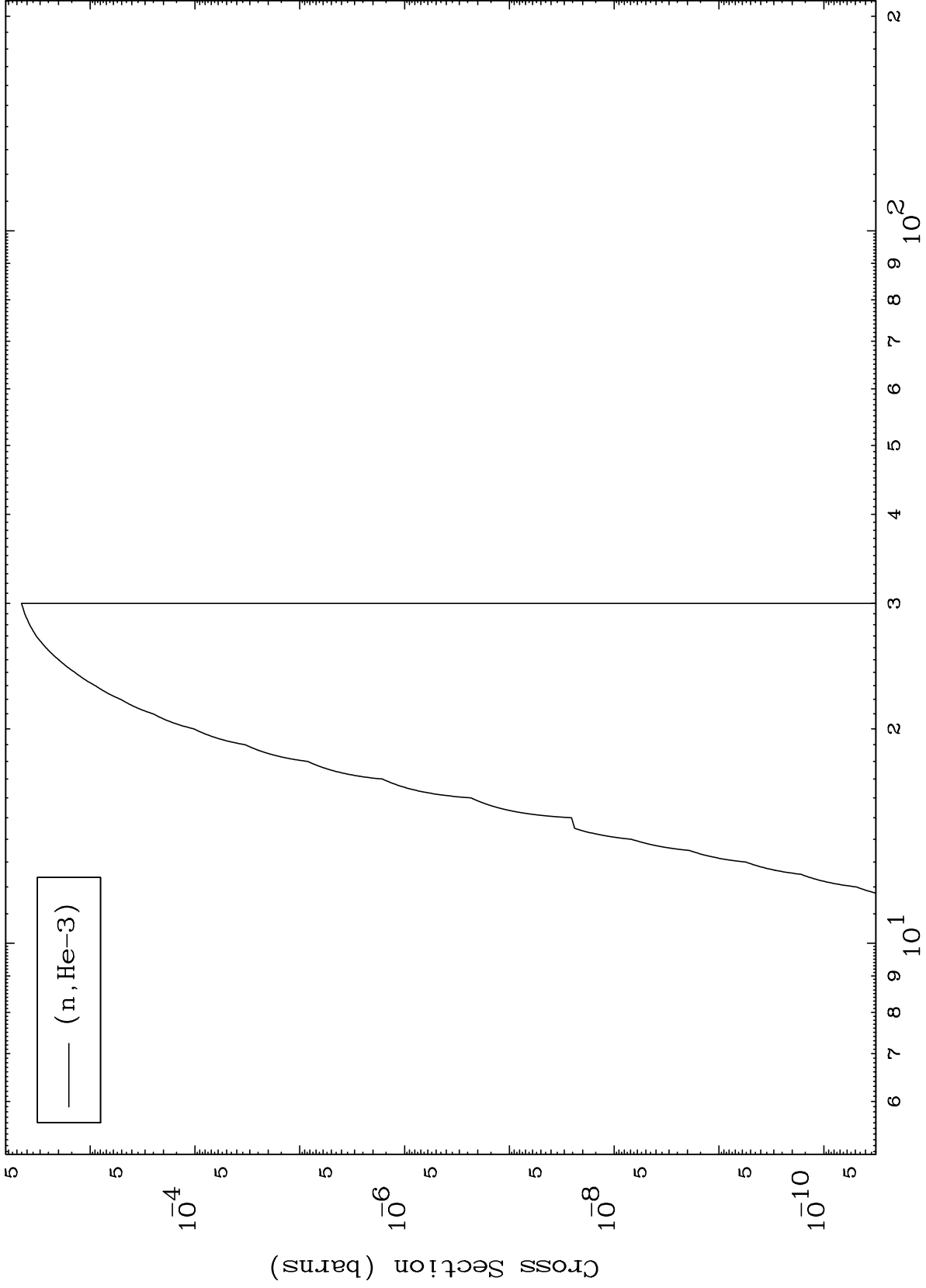
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,He3) Levels
293 Kelvin Cross Sections

44-Ru-97



15

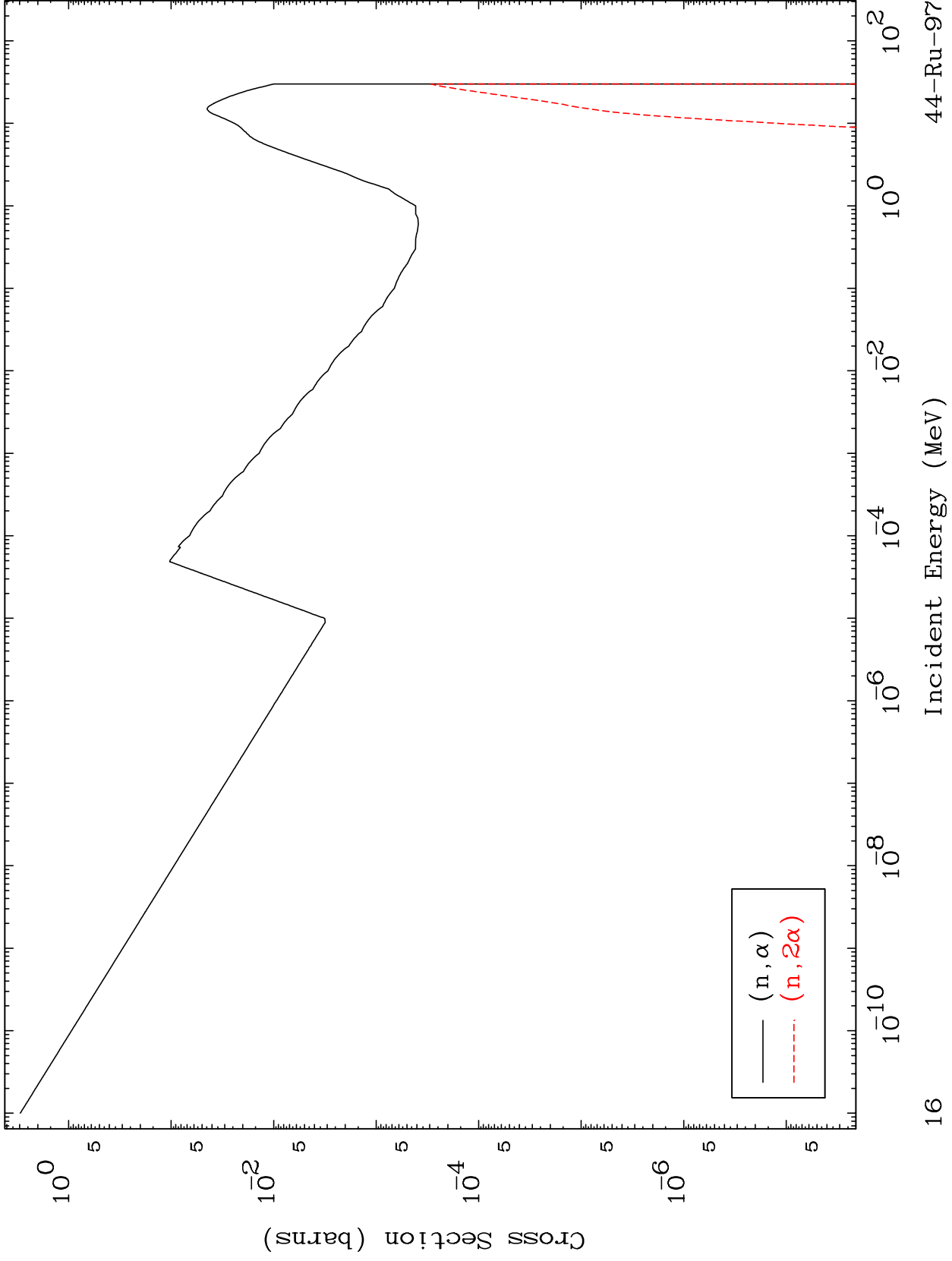
Incident Energy (MeV)

44-Ru-97

MAT 4428

(n,α) Levels
293 Kelvin Cross Sections

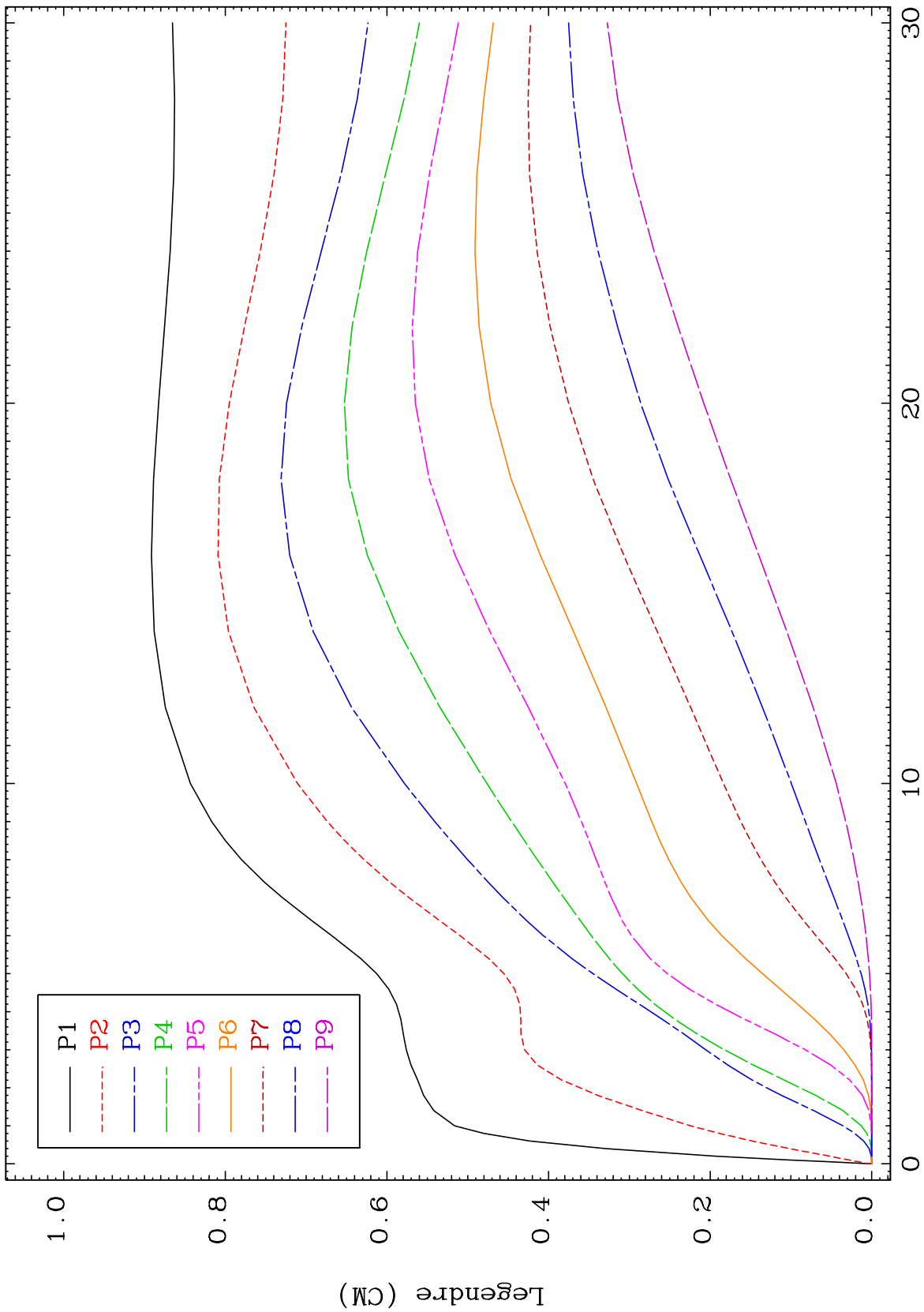
44-Ru-97



MAT 4428

Elastic Legendre Coefficients

44-Ru-97



17

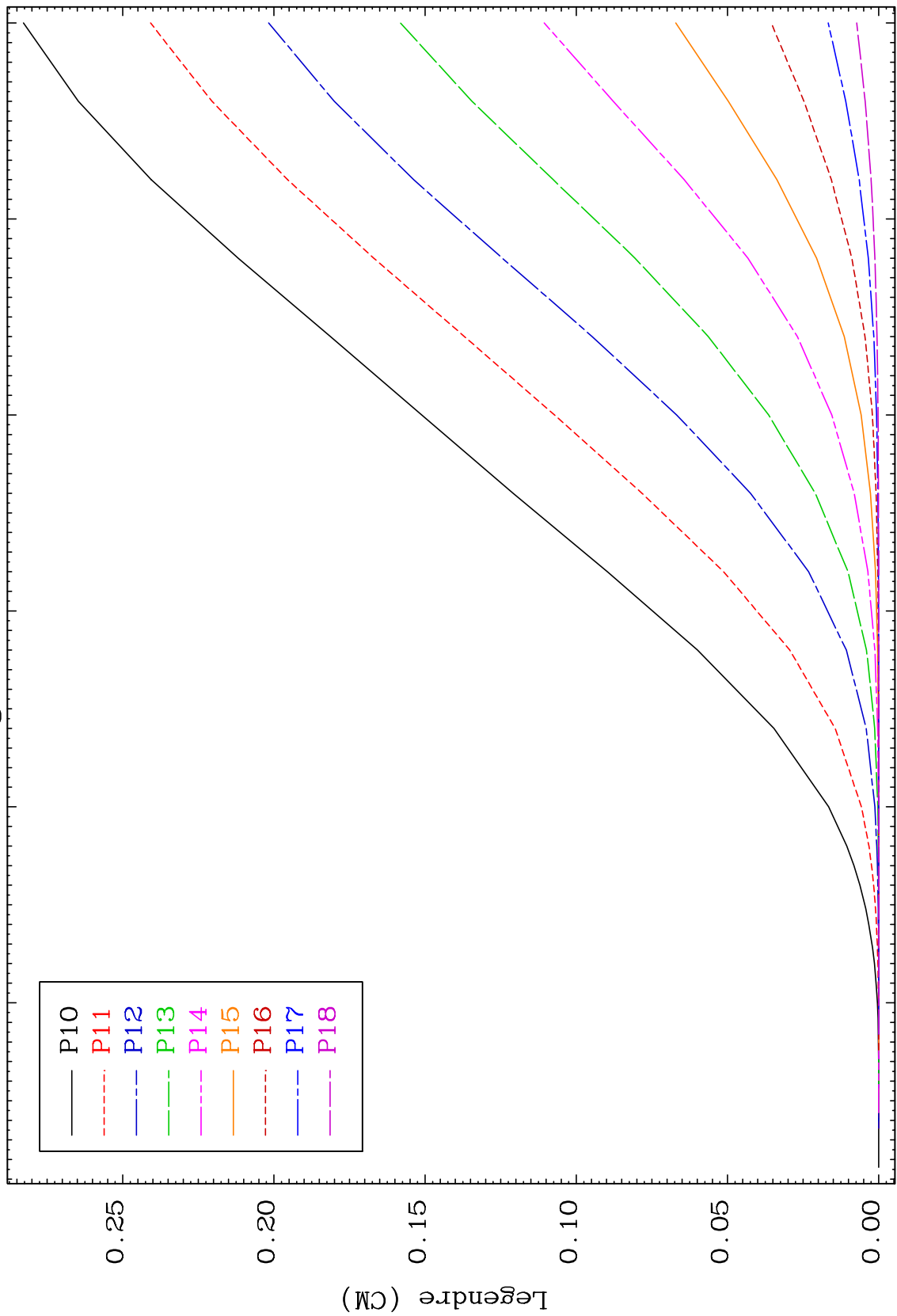
Incident Energy (MeV)

44-Ru-97

MAT 4428

Elastic Legendre Coefficients

44-Ru-97



18

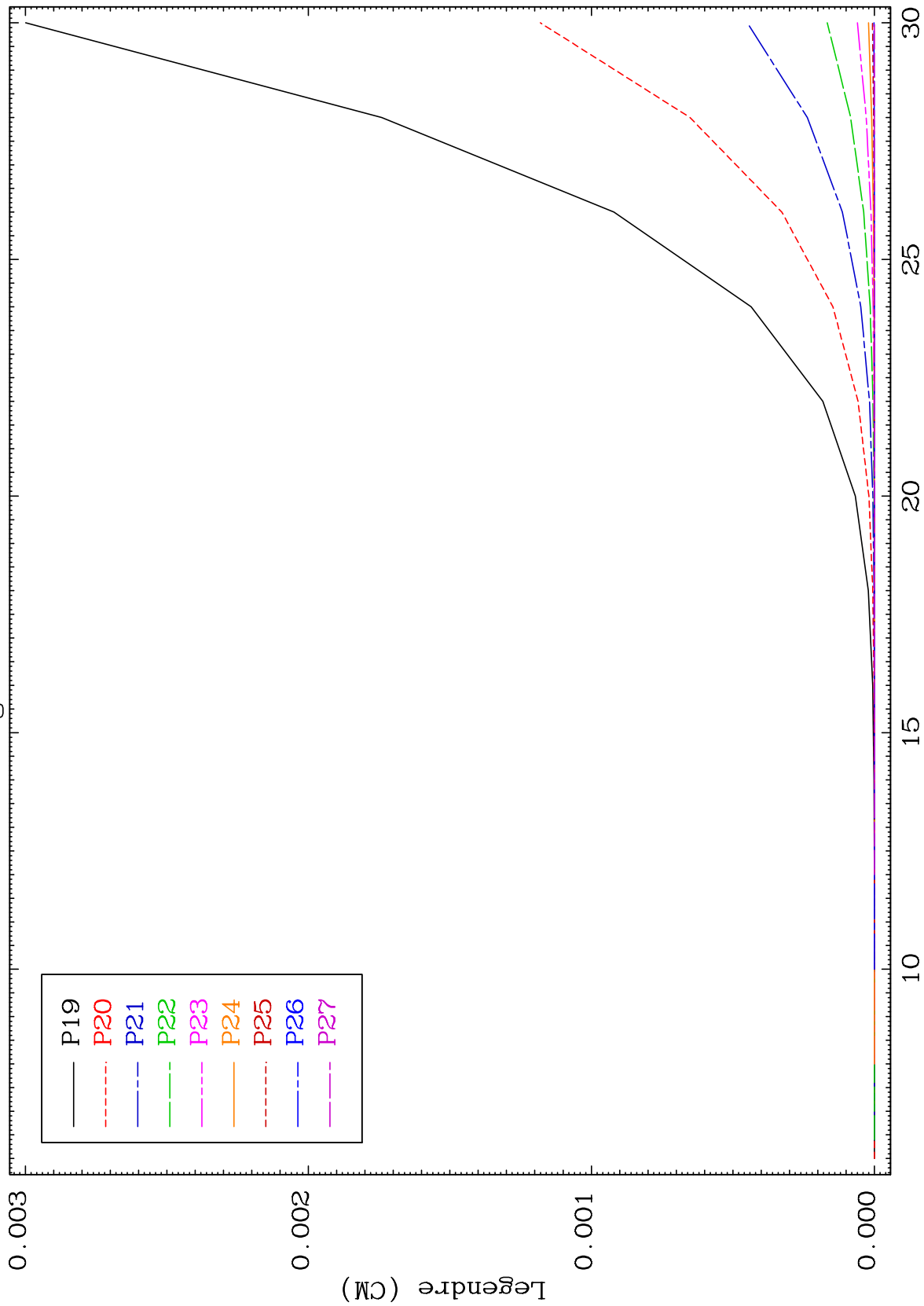
Incident Energy (MeV)

44-Ru-97

MAT 4428

Elastic
Legendre Coefficients

44-Ru-97



- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

19

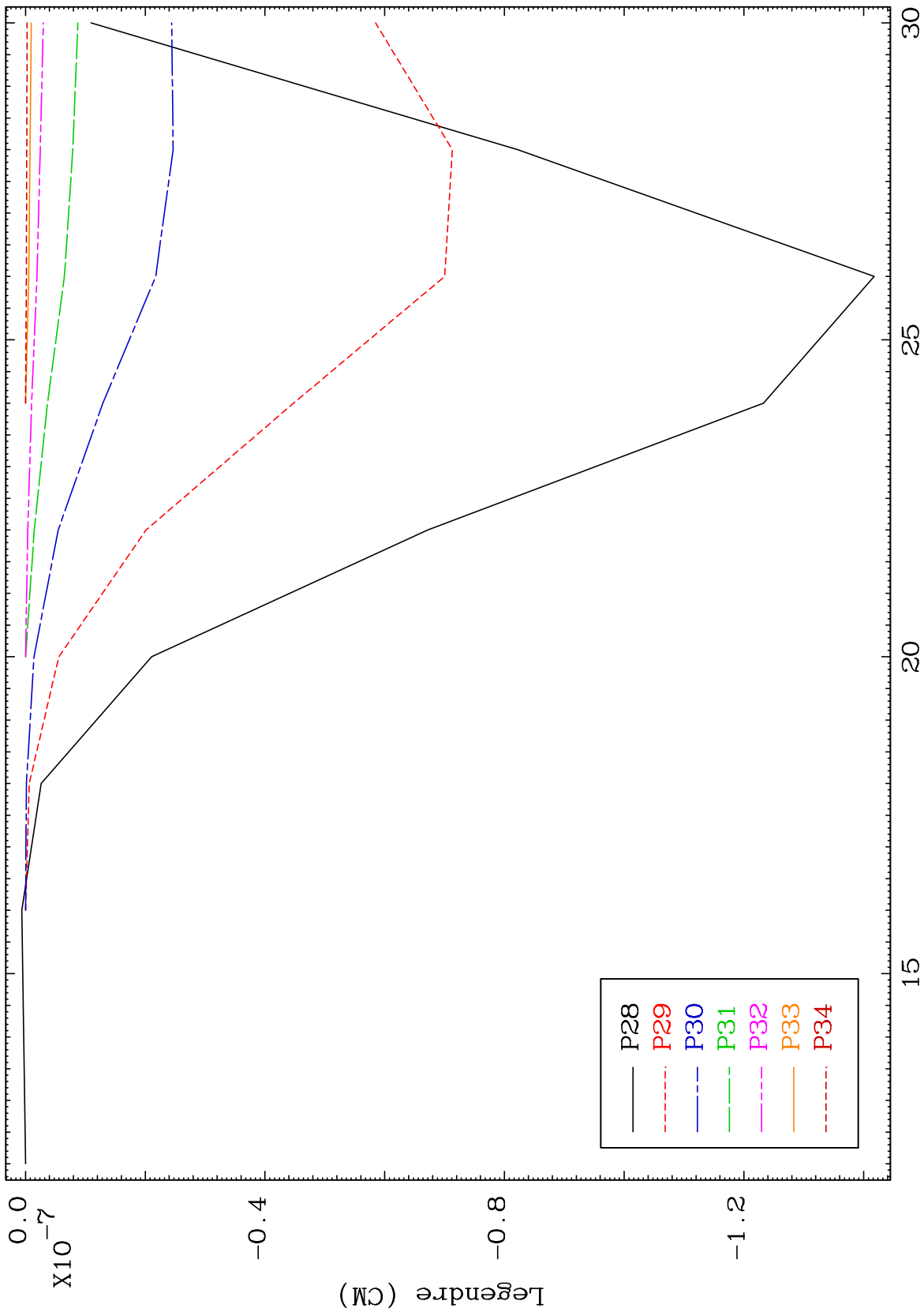
Incident Energy (MeV)

44-Ru-97

MAT 4428

44-Ru-97

Elastic Legendre Coefficients



44-Ru-97

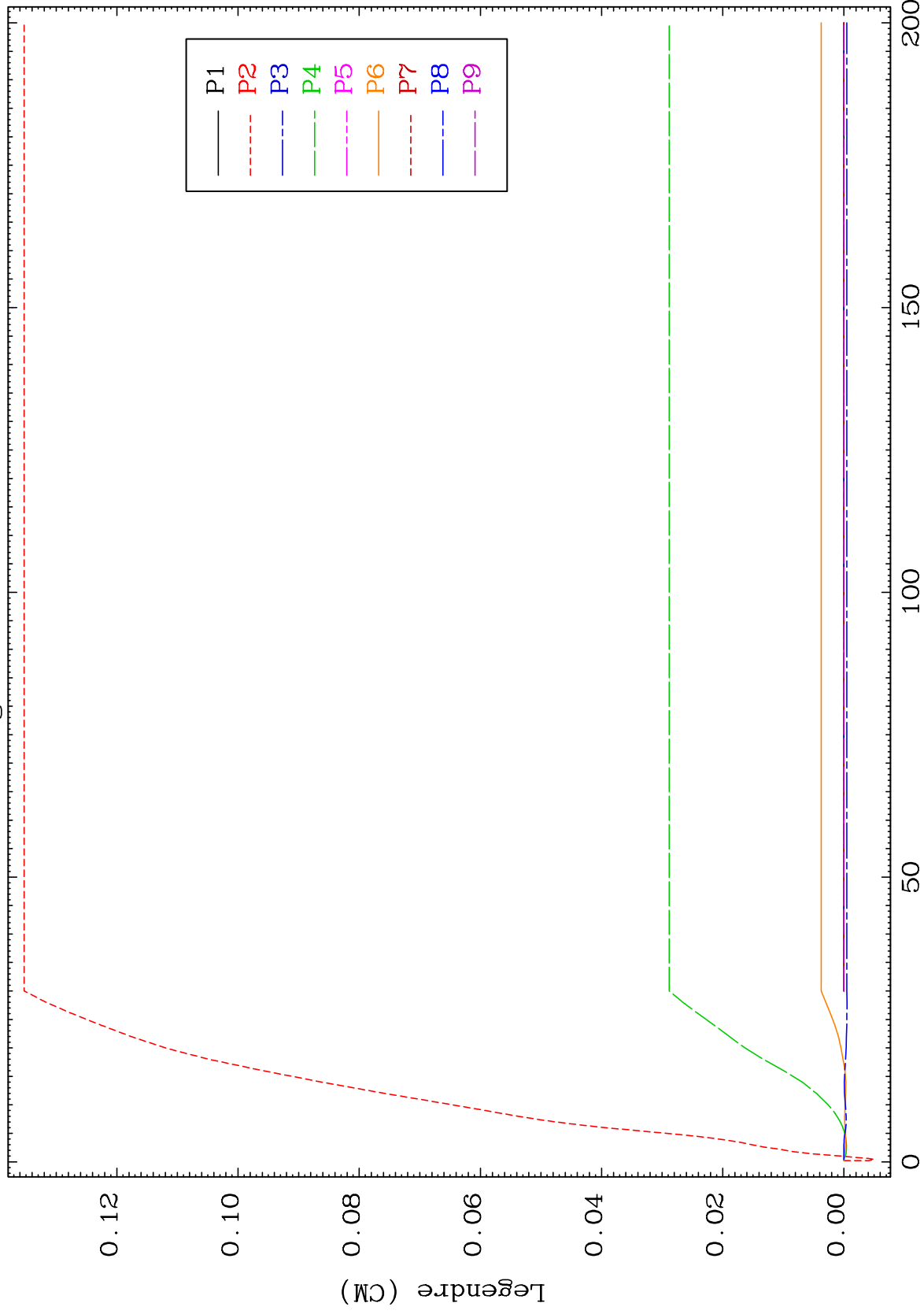
Incident Energy (MeV)

20

MAT 4428

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

44-Ru-97



21

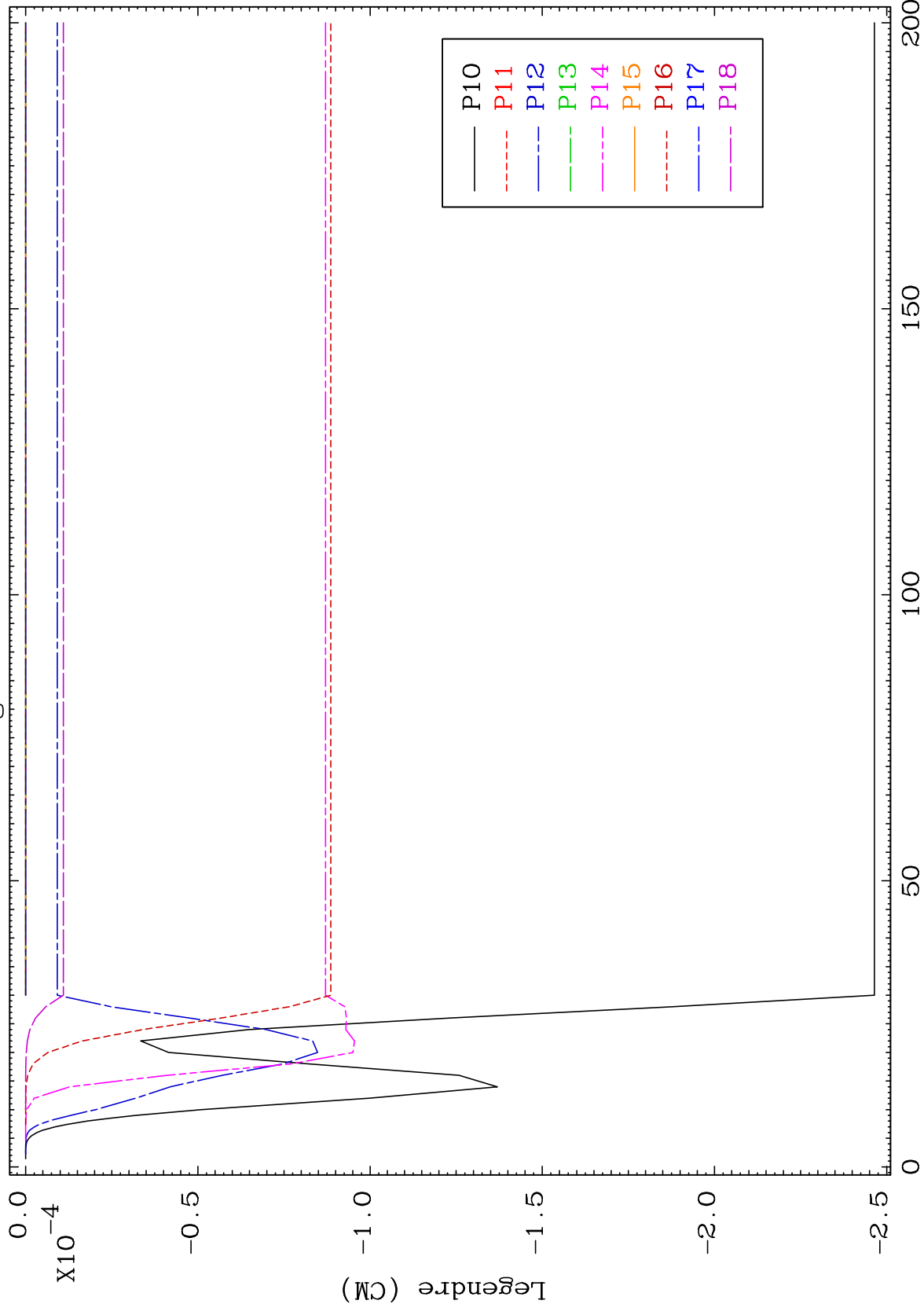
Incident Energy (MeV)

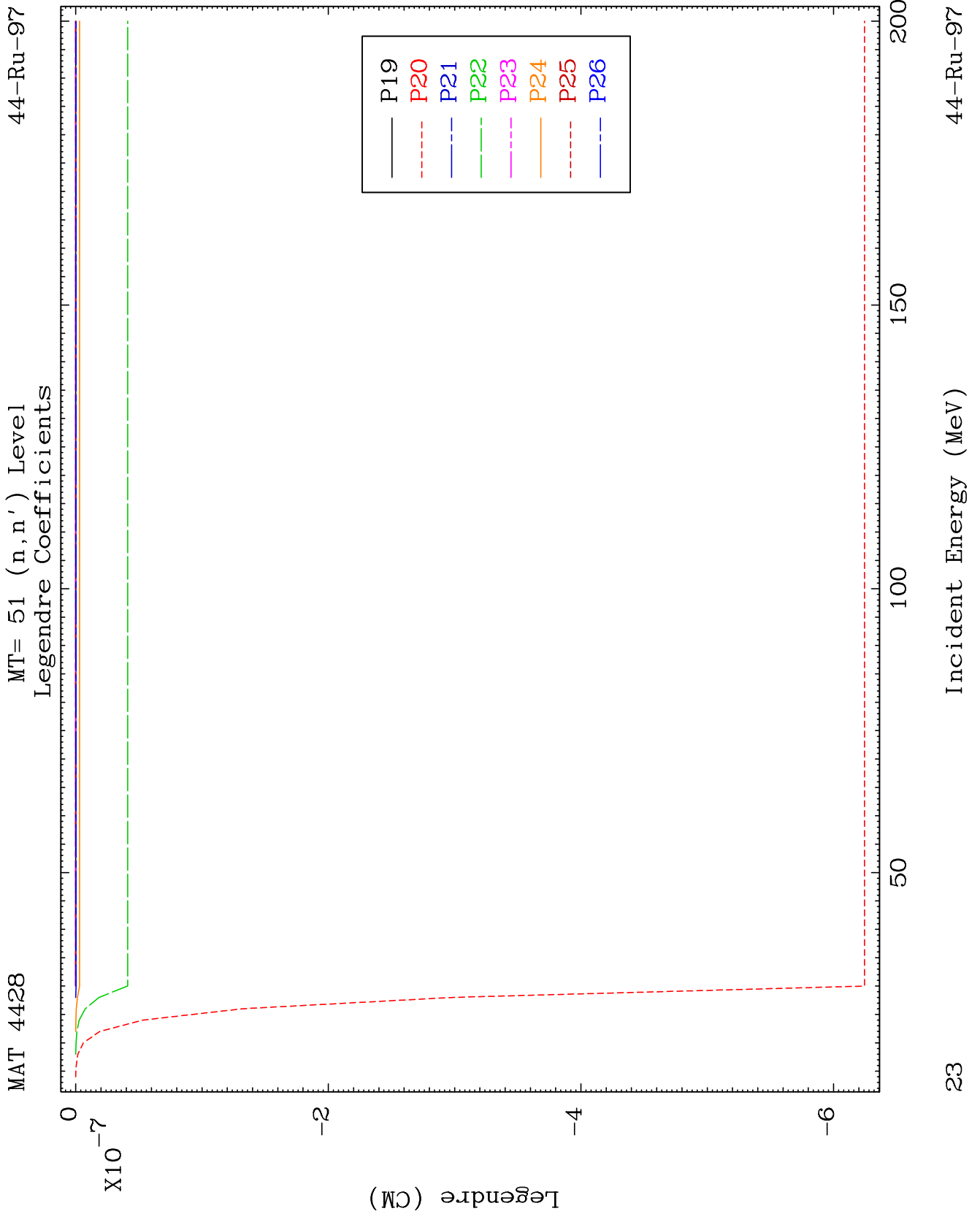
44-Ru-97

MAT 4428

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

44-Ru-97

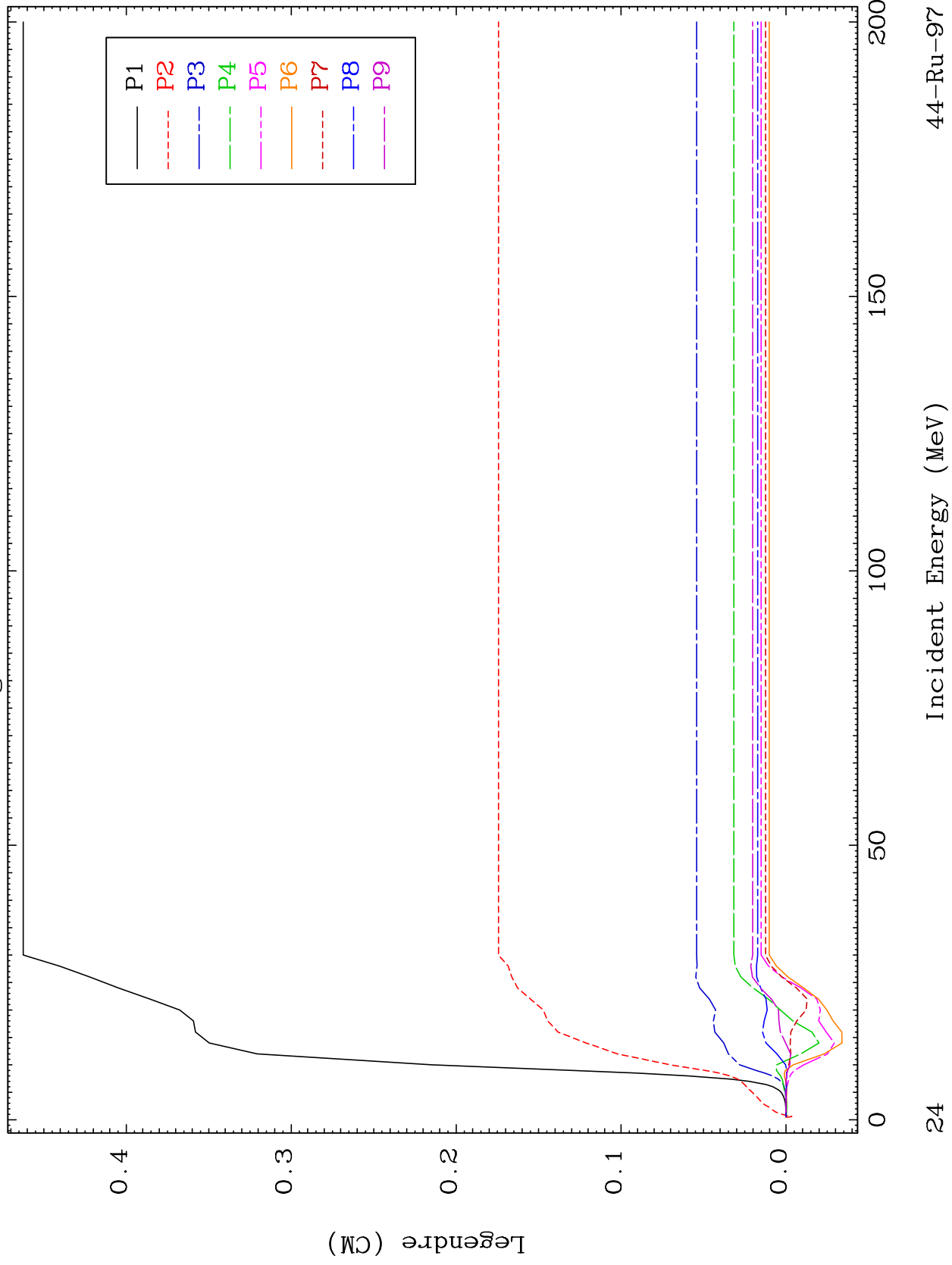




MAT 4428

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

44-Ru-97



24

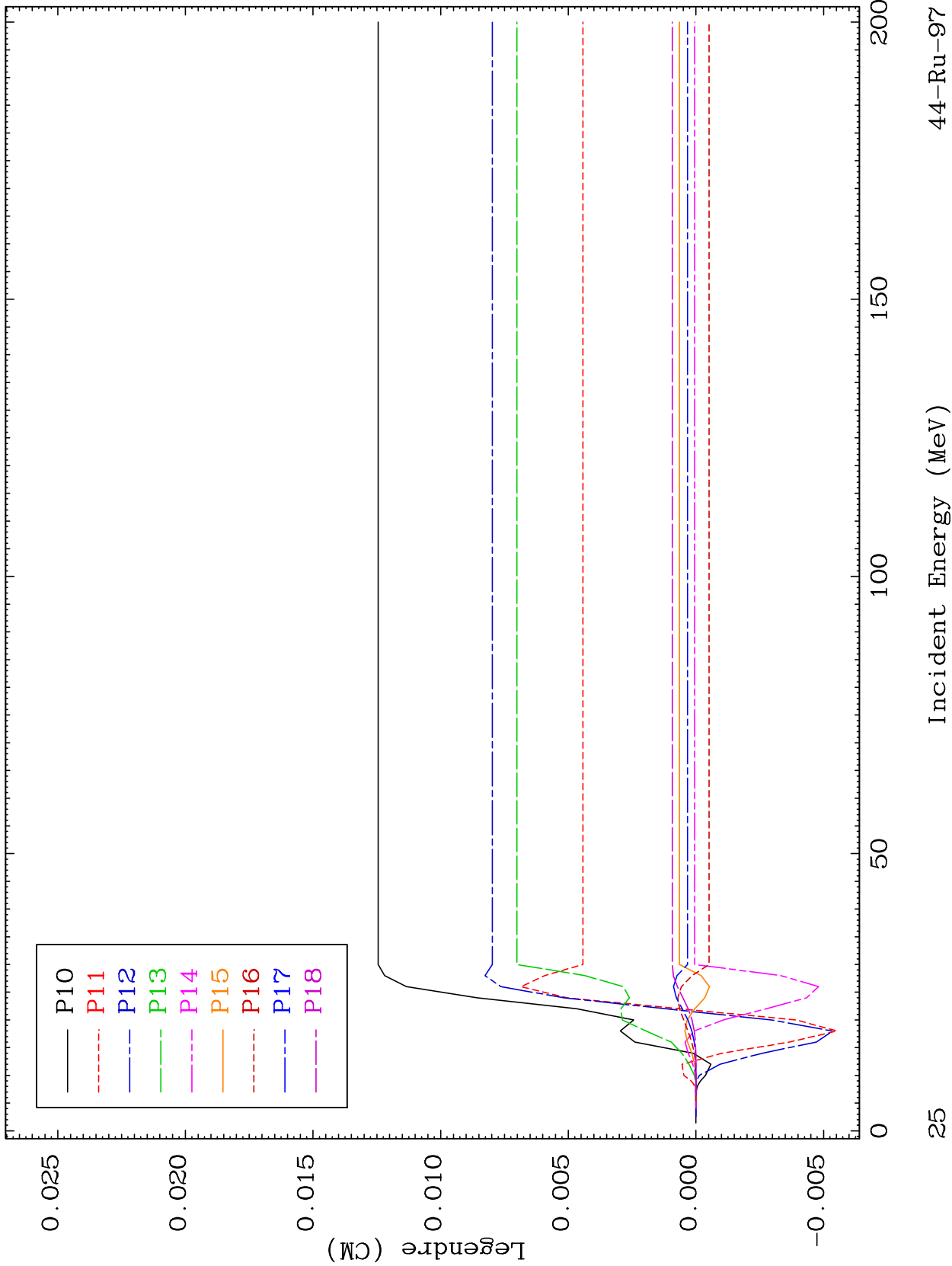
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

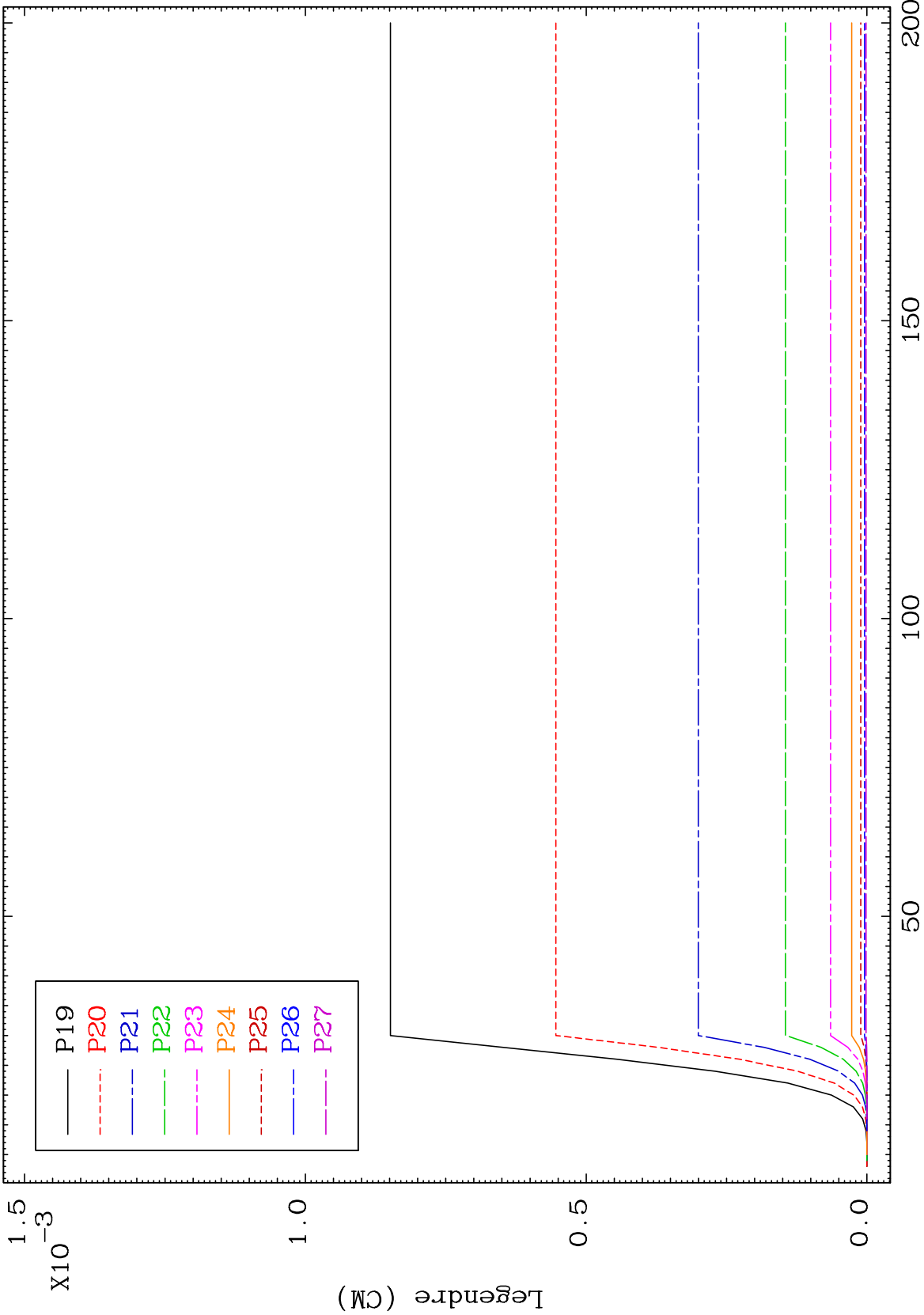
44-Ru-97



44-Ru-97

Incident Energy (MeV)

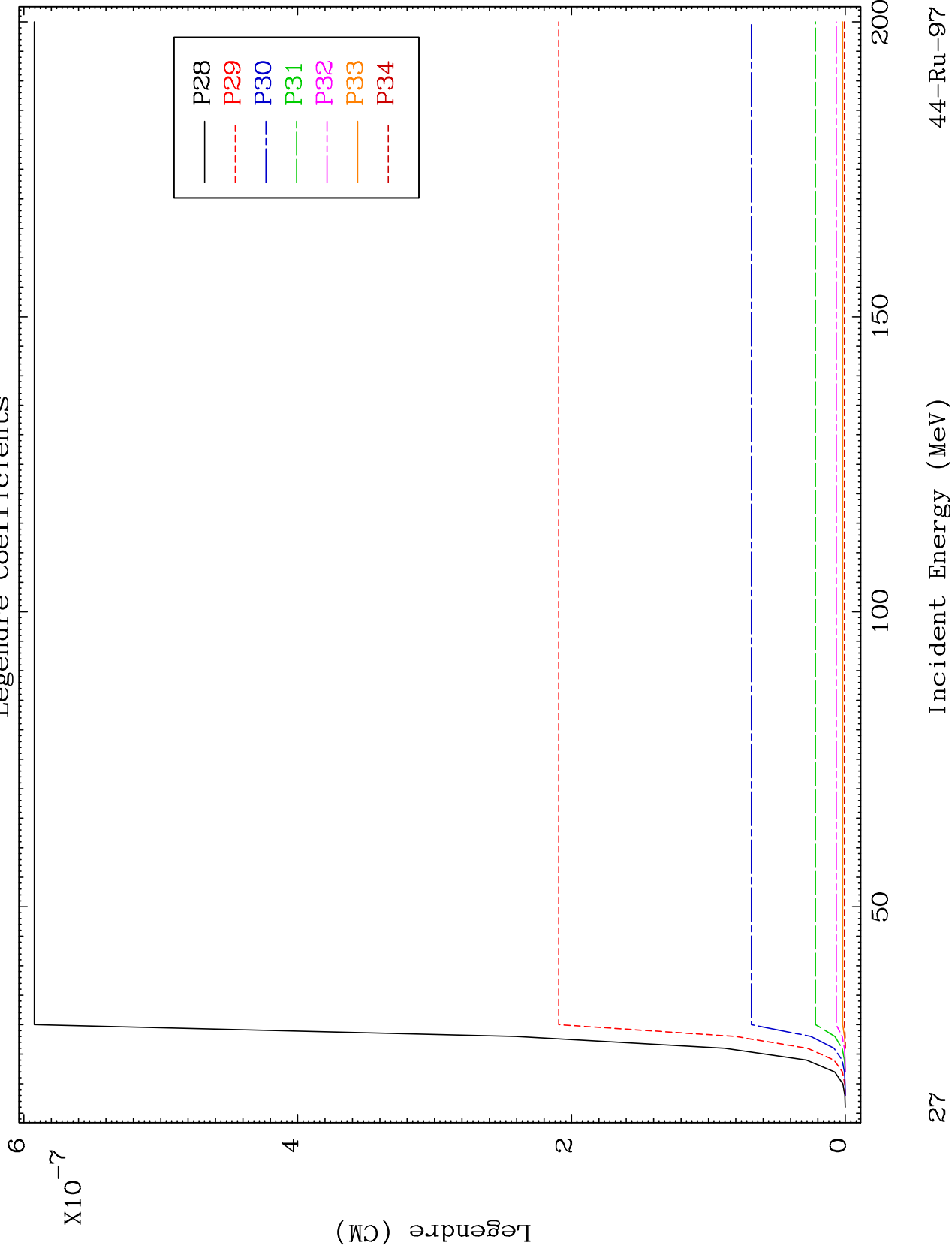
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MAT 4428

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

44-Ru-97



27

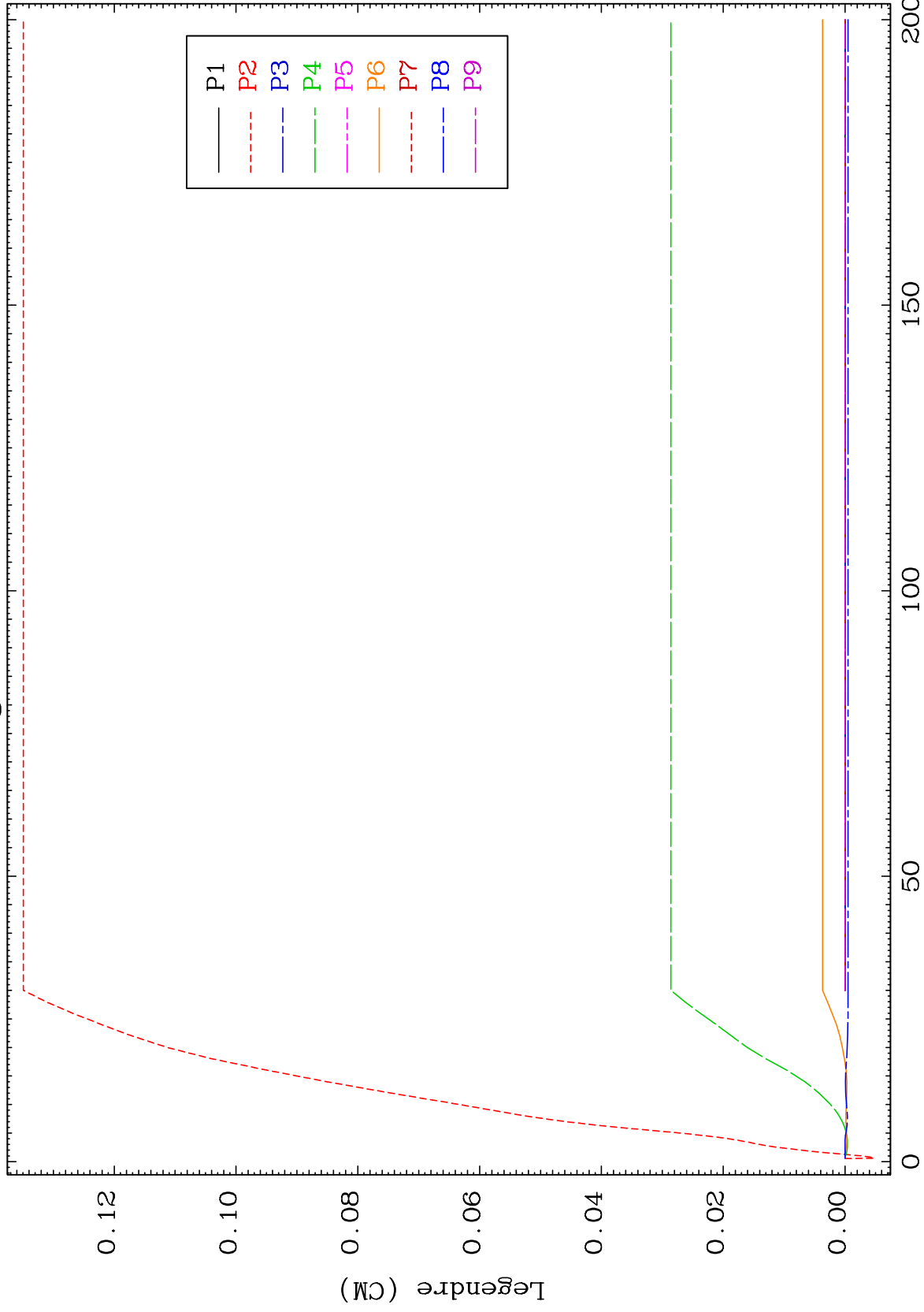
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



44-Ru-97

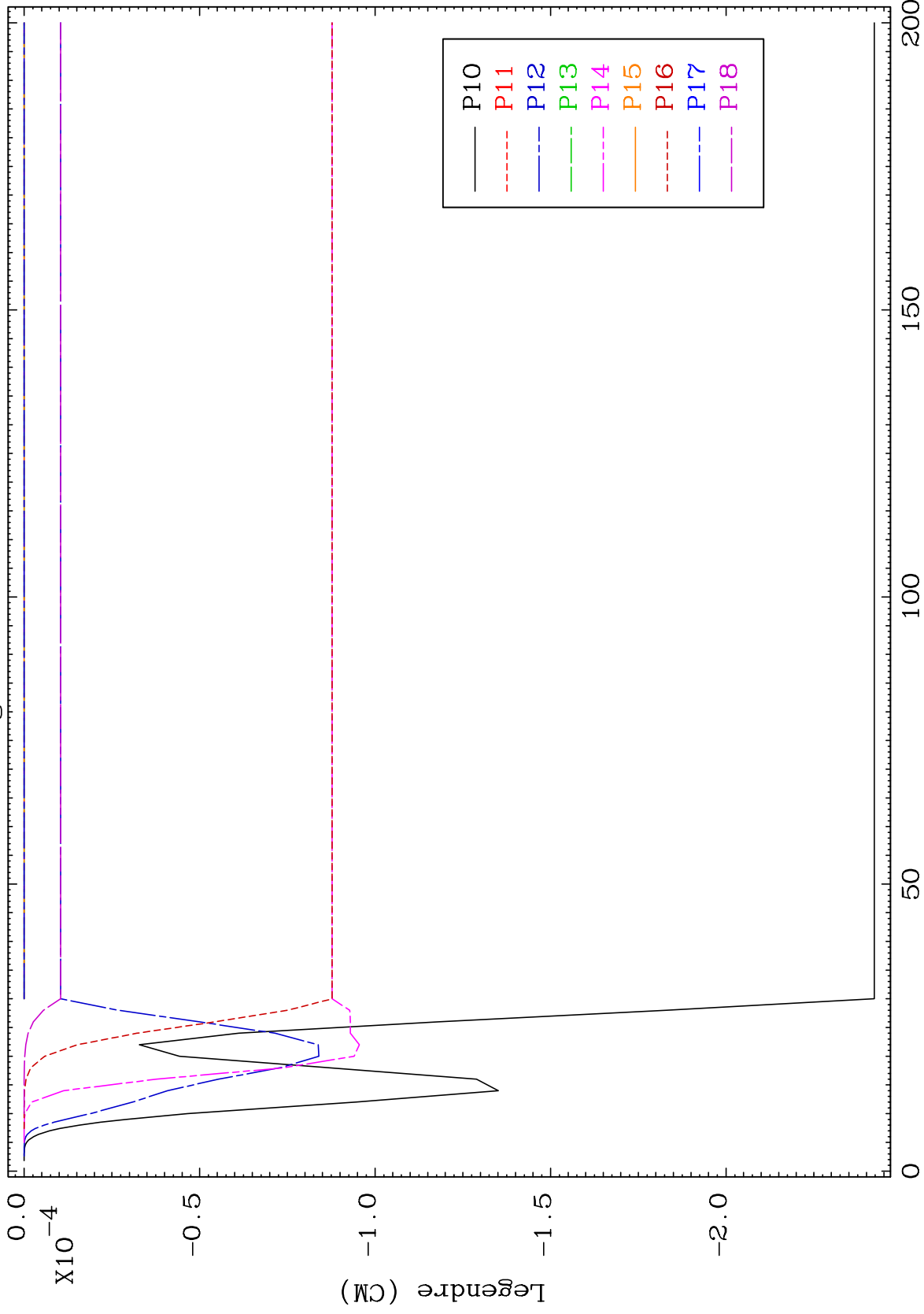
Incident Energy (MeV)

28

MAT 4428

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

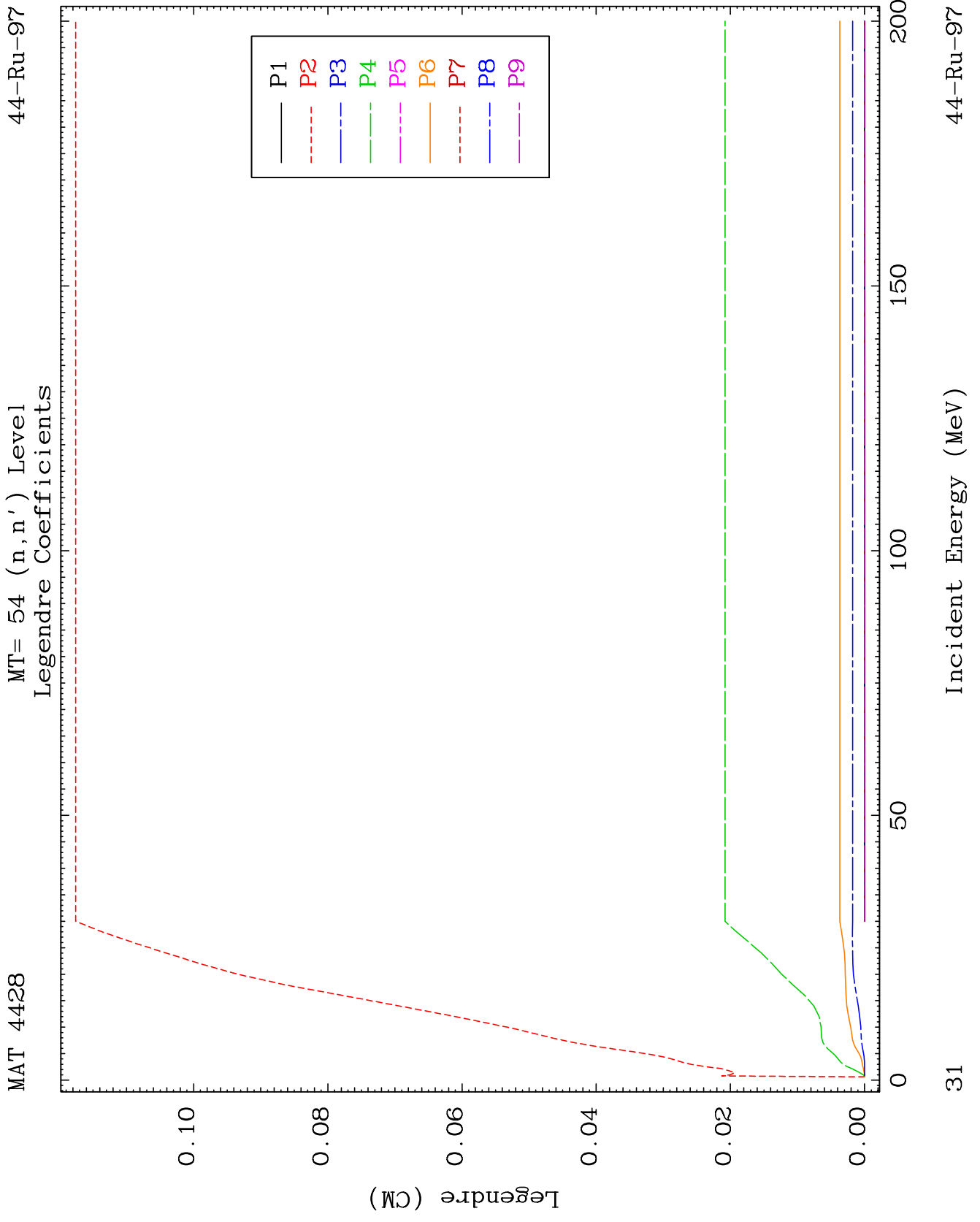
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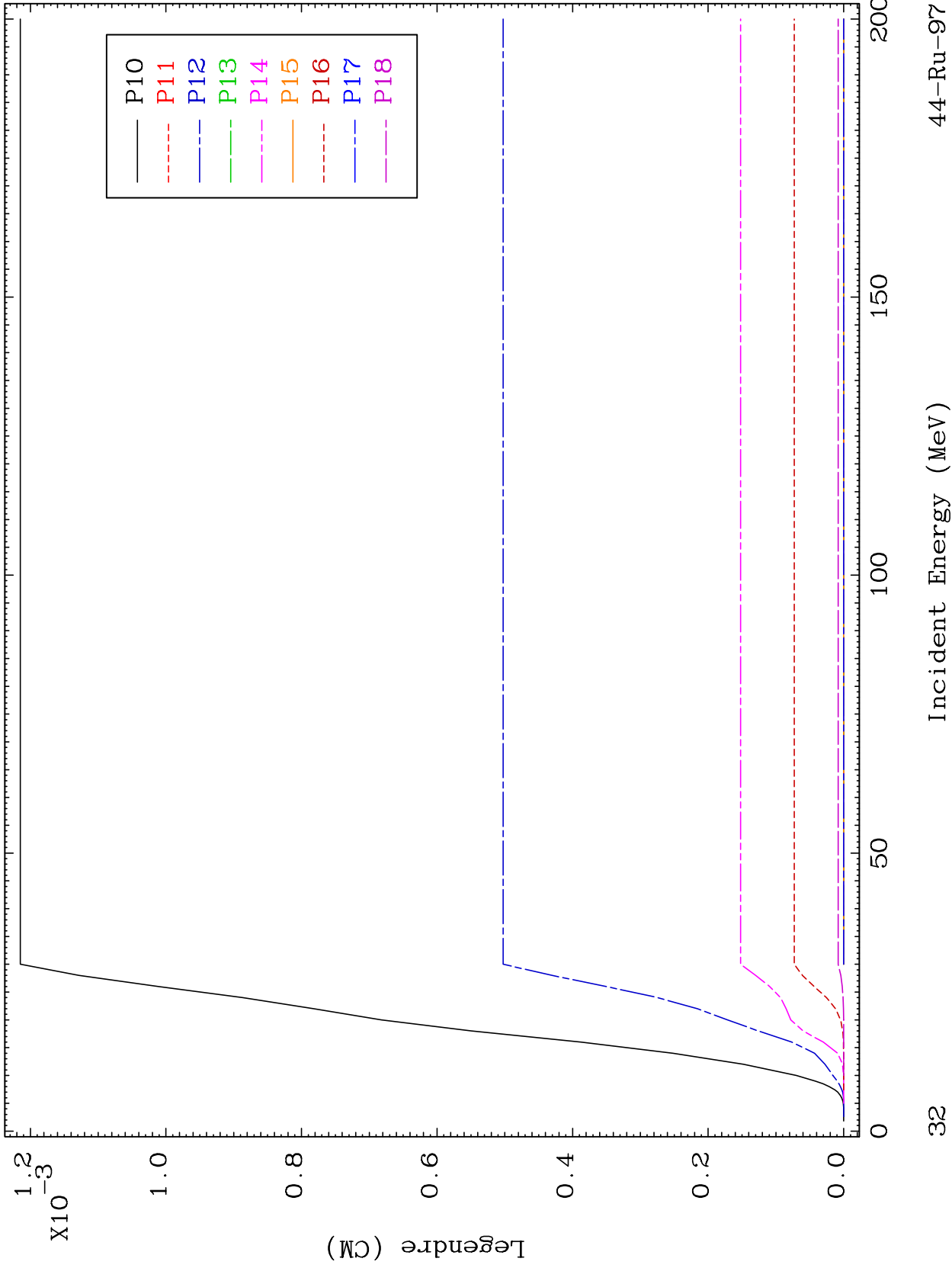


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Incident Energy (MeV)

44-Ru-97

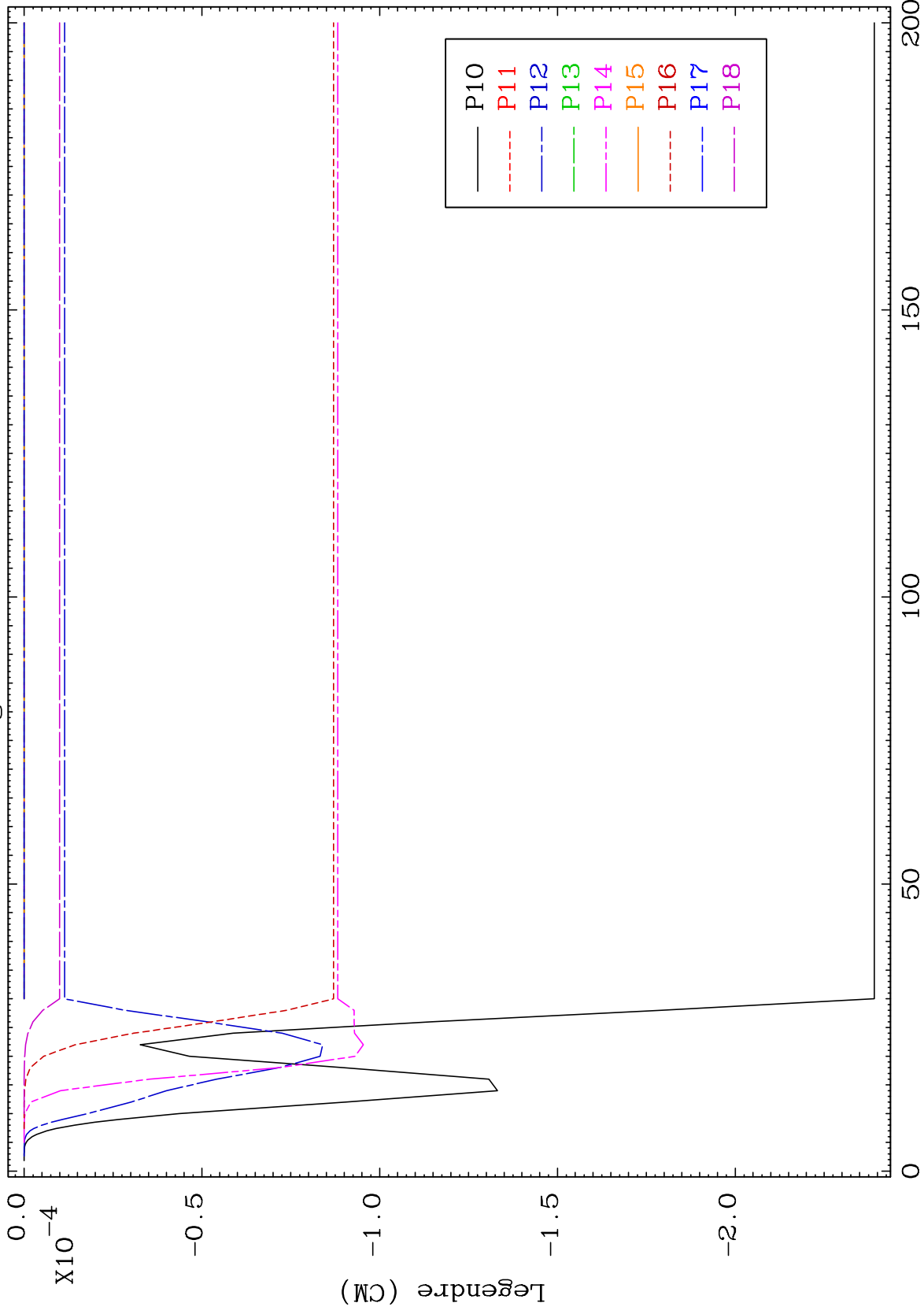




MAT 4428

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

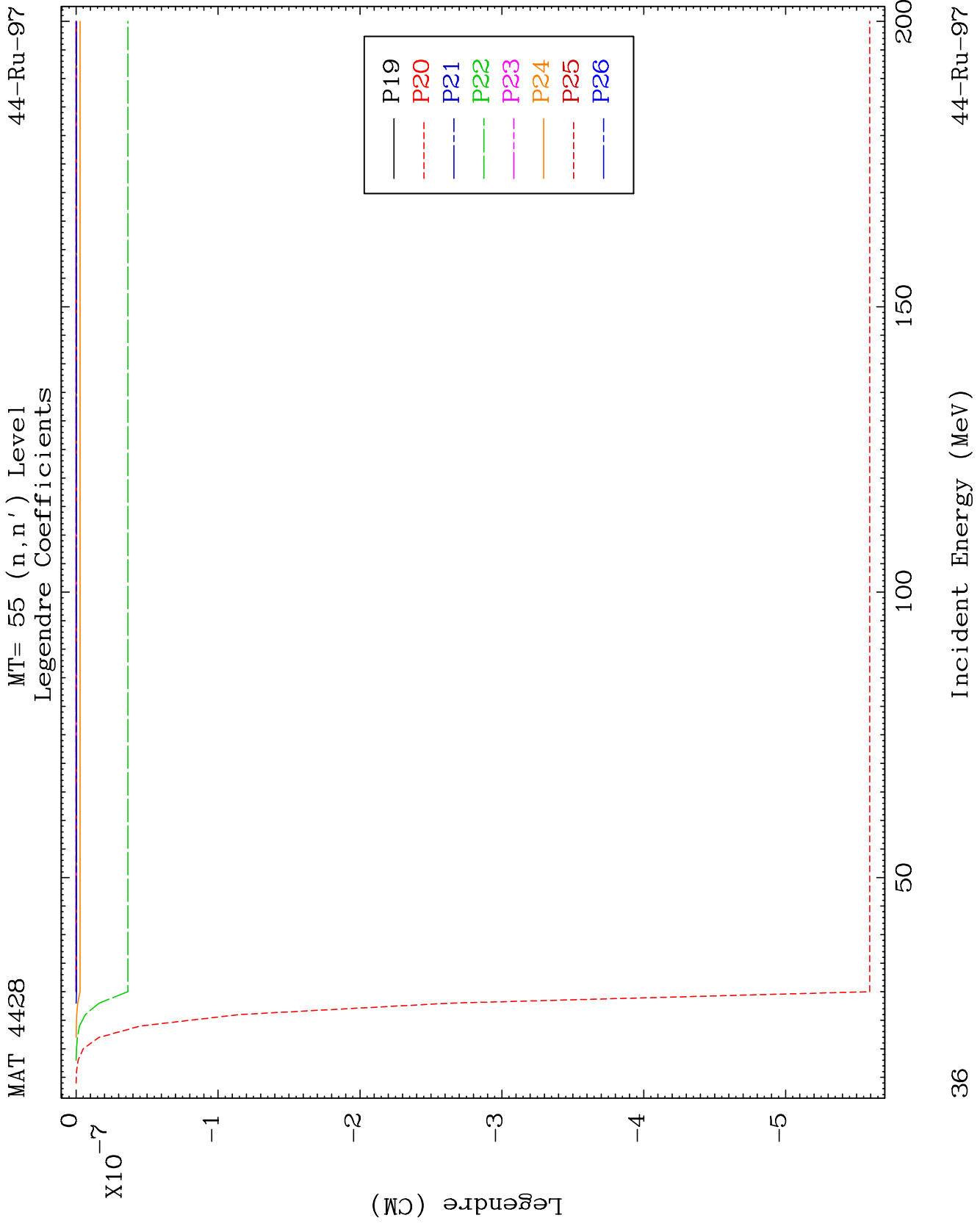
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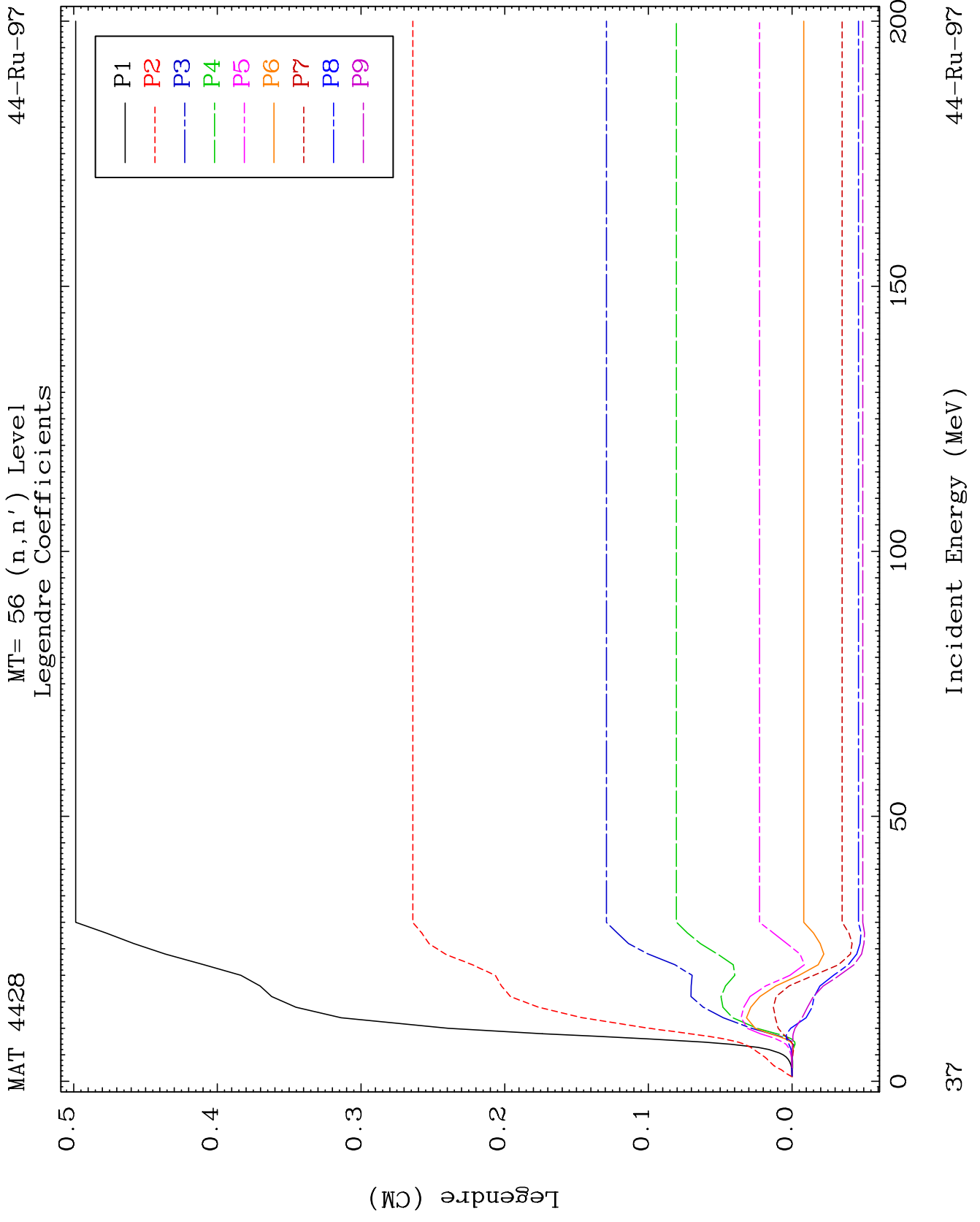


35

Incident Energy (MeV)

44-Ru-97

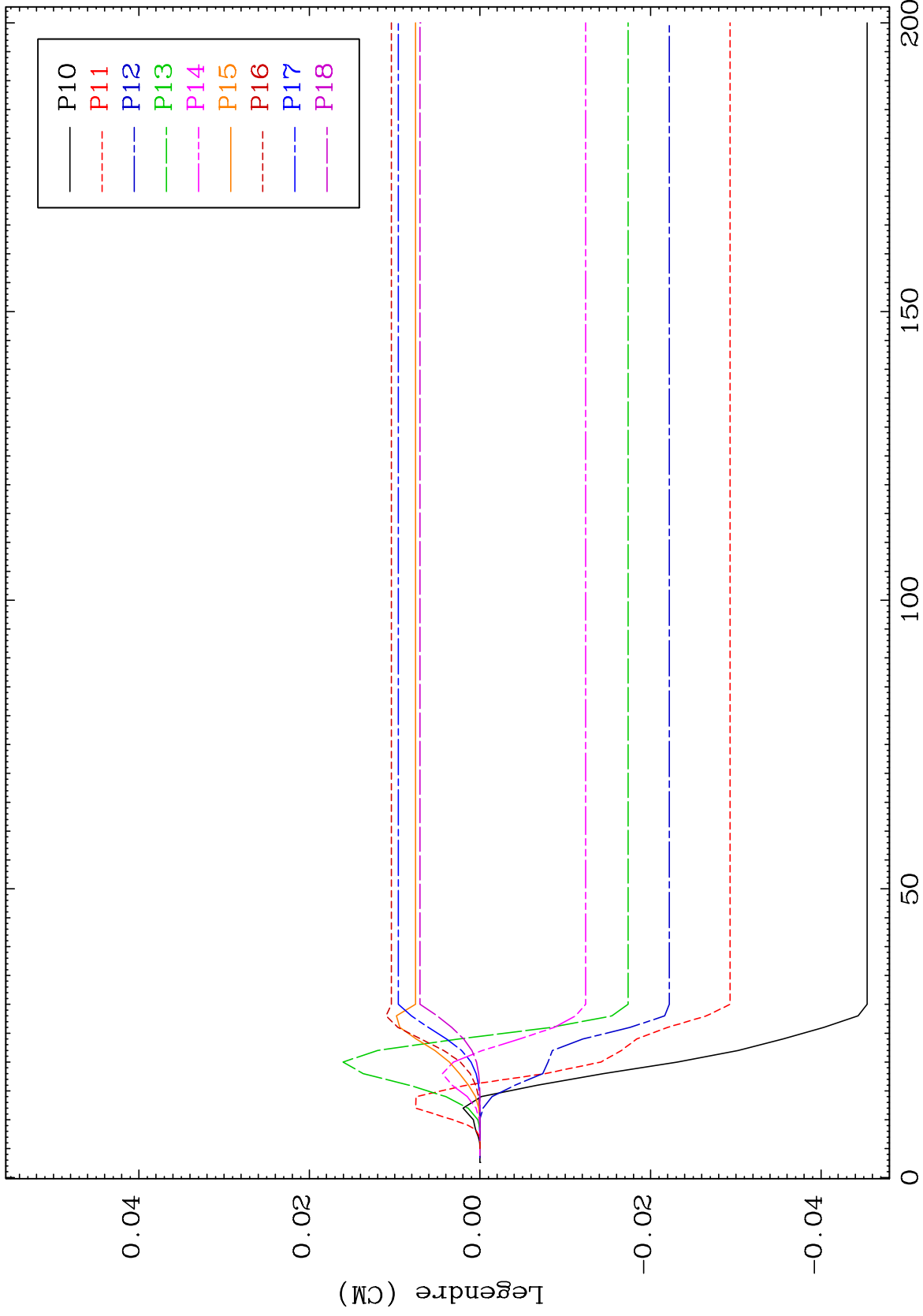




MAT 4428

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

44-Ru-97



38

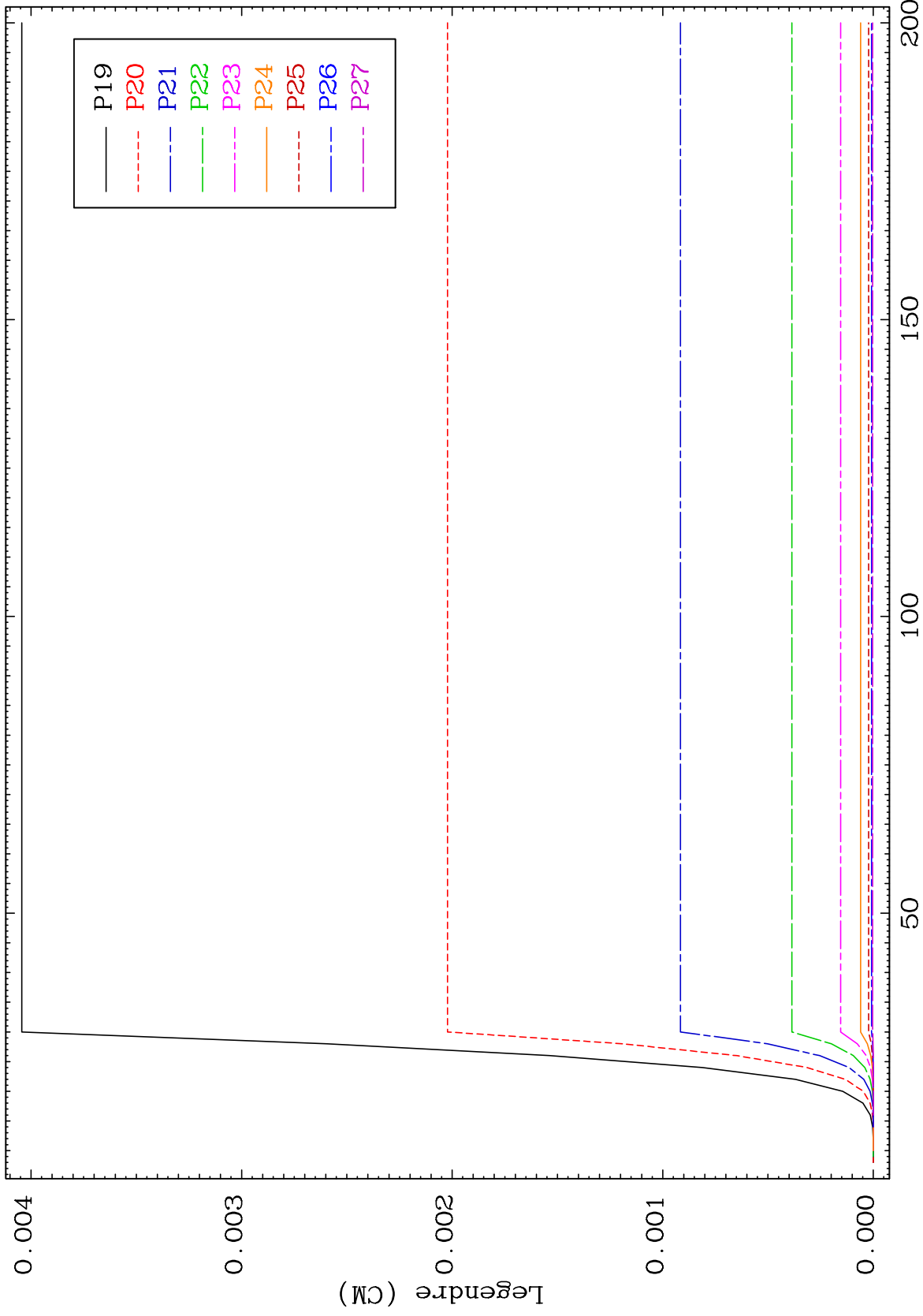
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



39

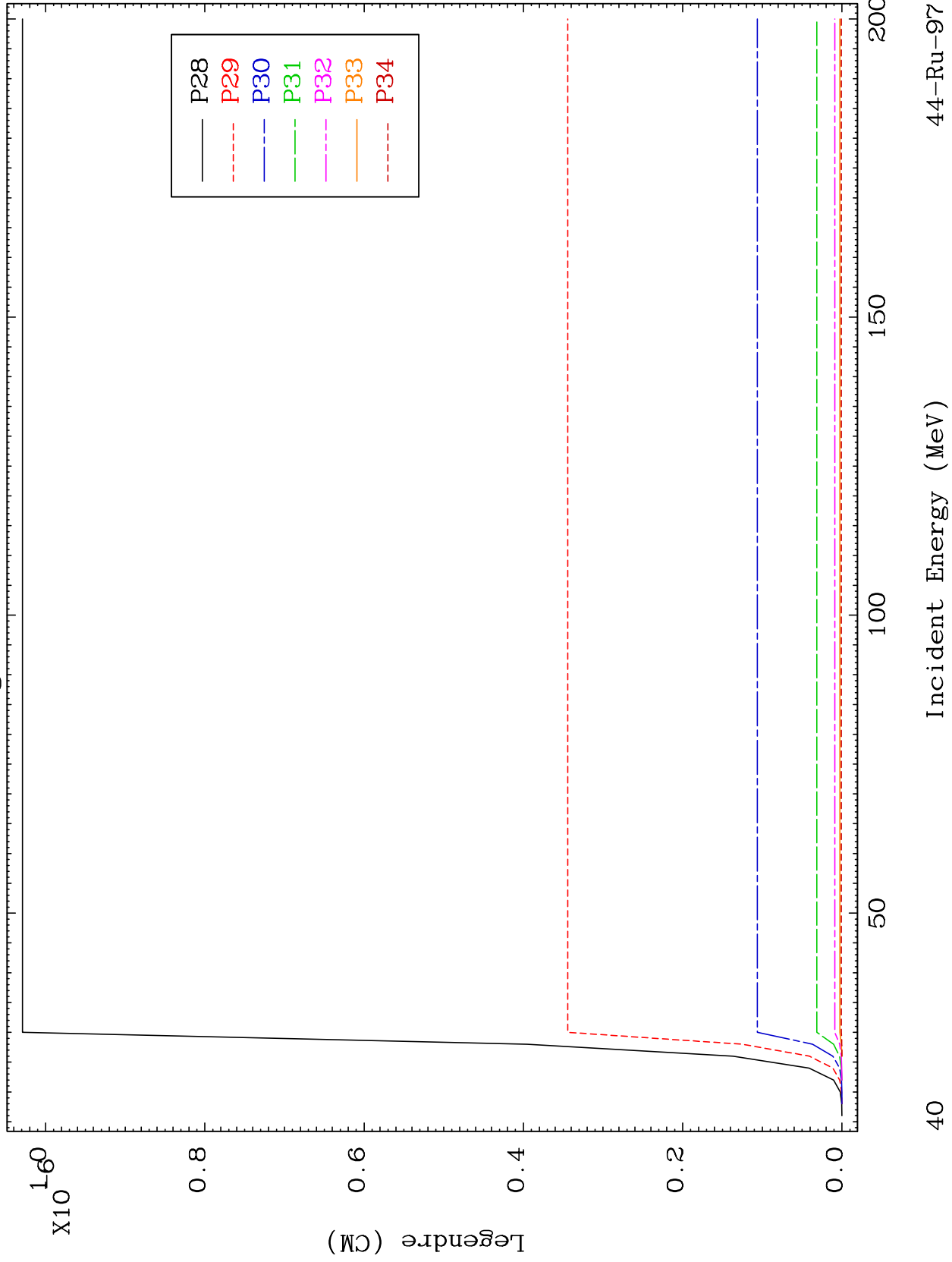
Incident Energy (MeV)

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MAT 4428

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

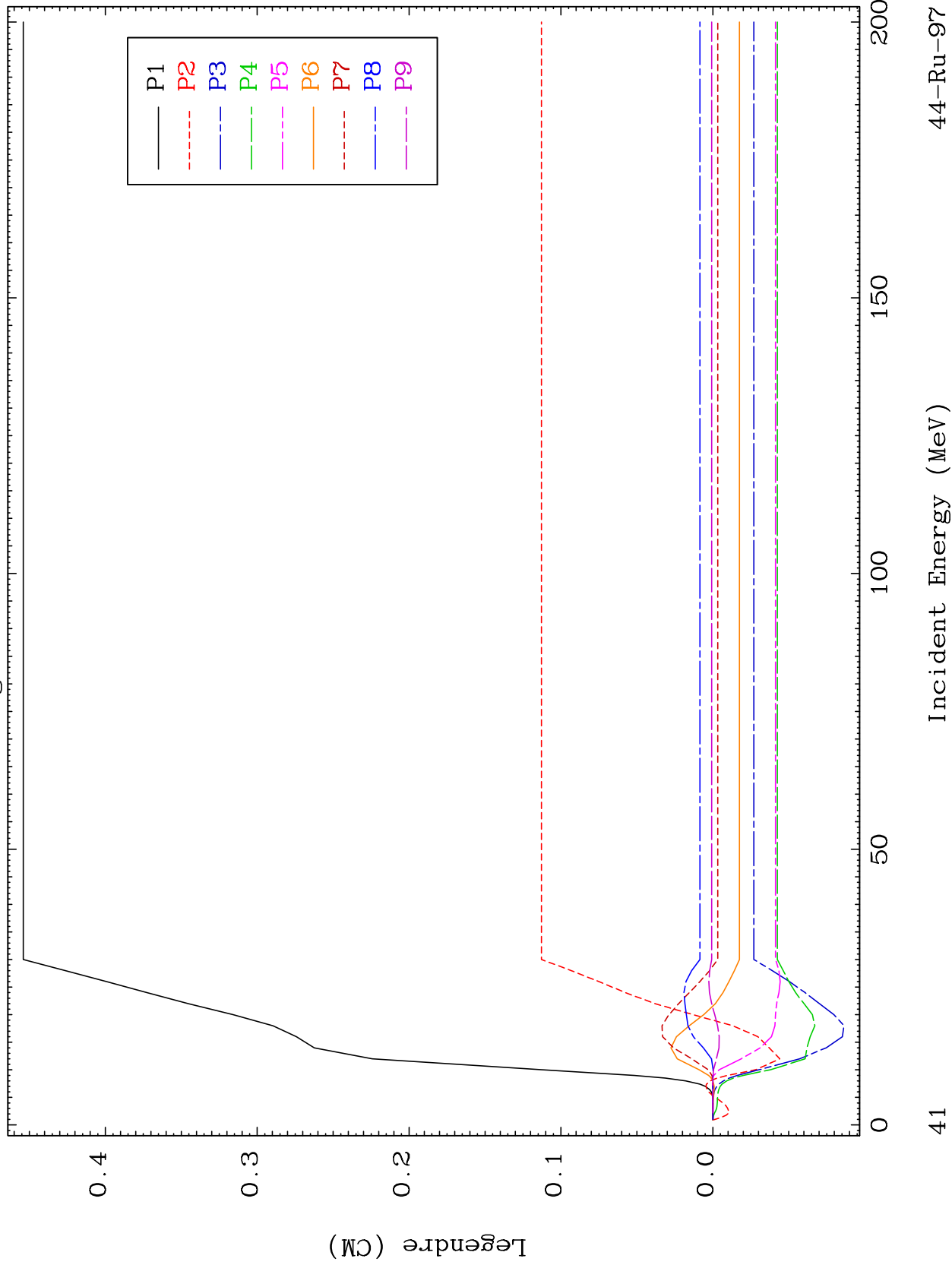
44-Ru-97



MAT 4428

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

44-Ru-97



44-Ru-97

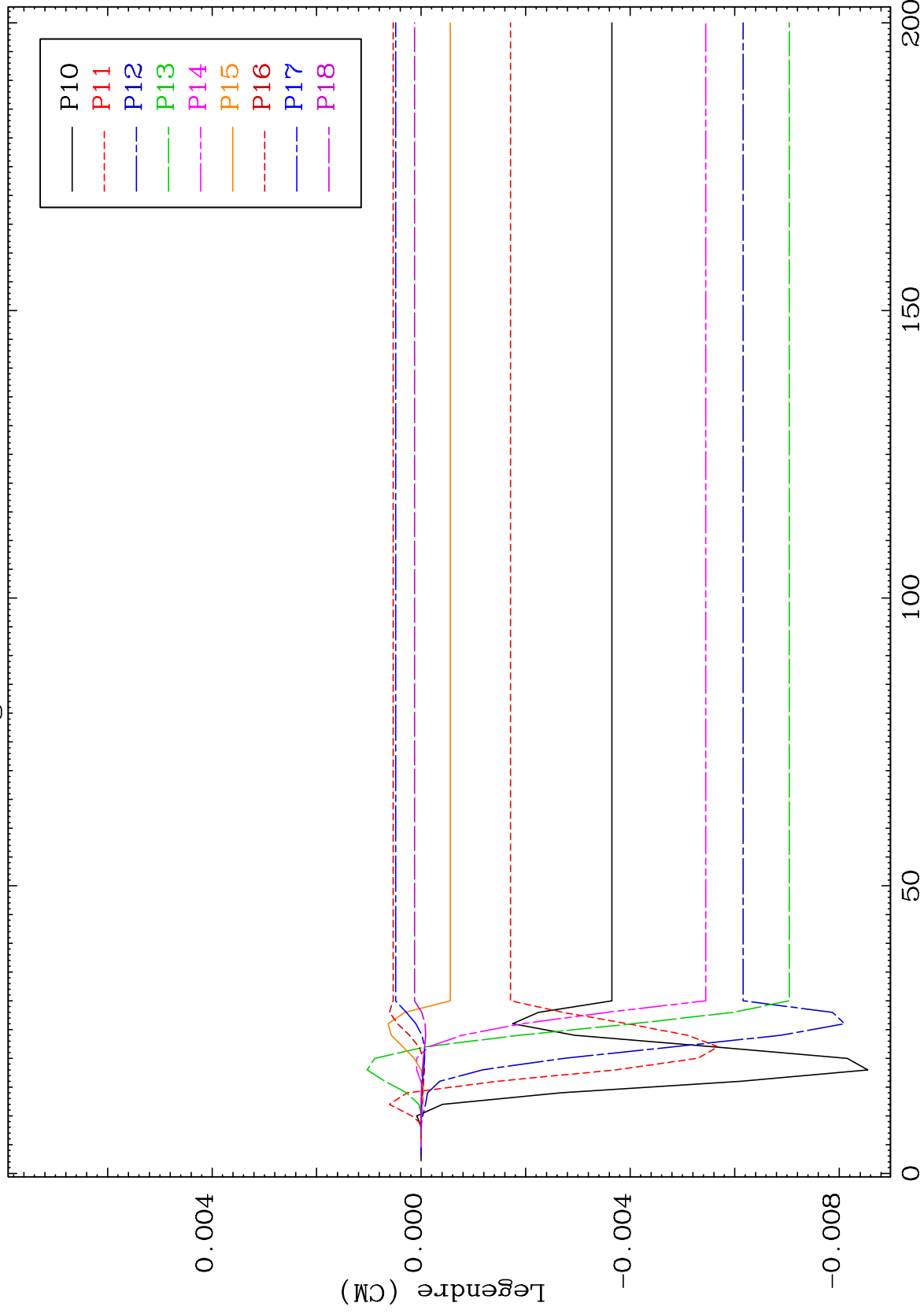
Incident Energy (MeV)

41

MAT 4428

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

44-Ru-97



42

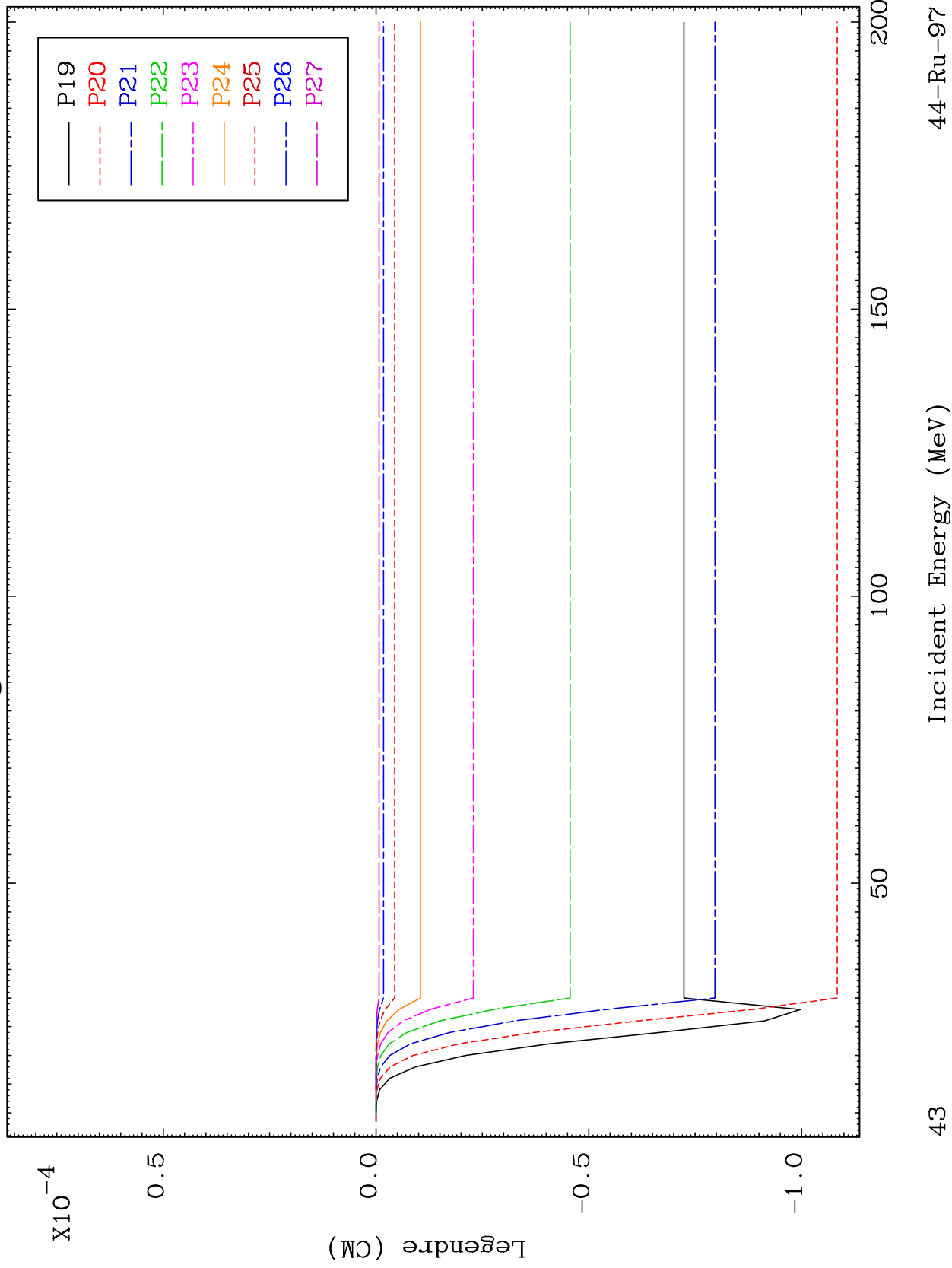
Incident Energy (MeV)

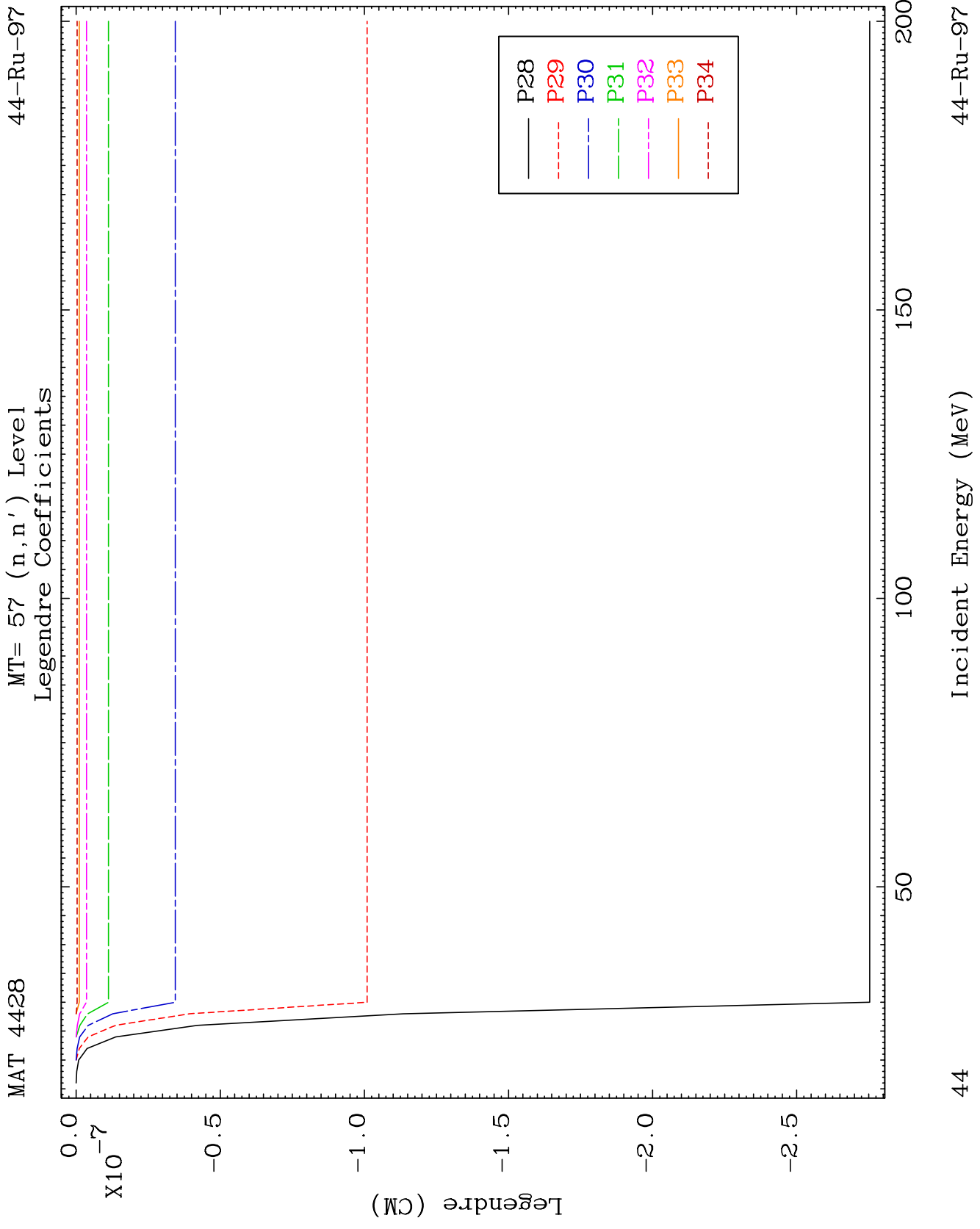
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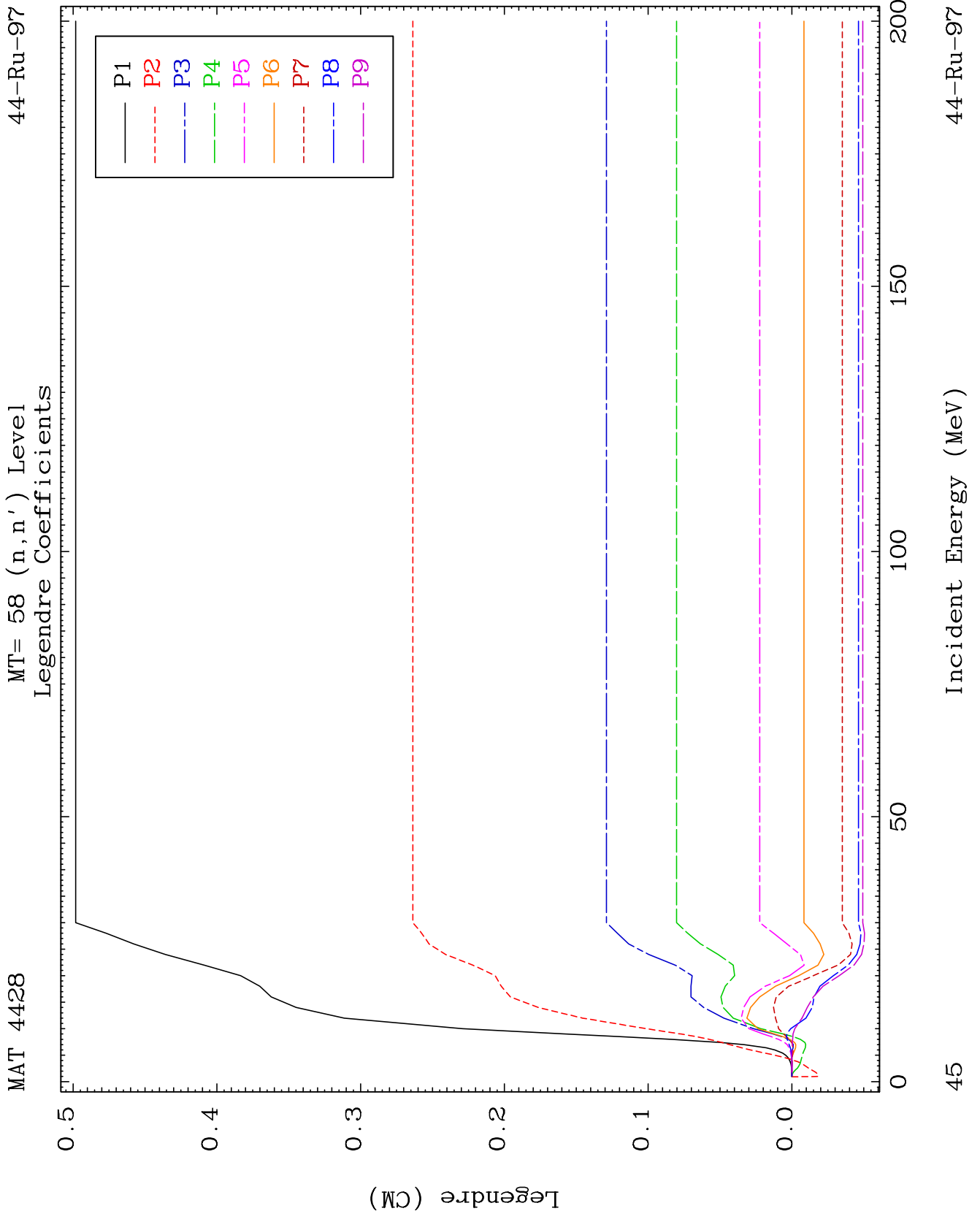
MAT 4428

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

44-Ru-97



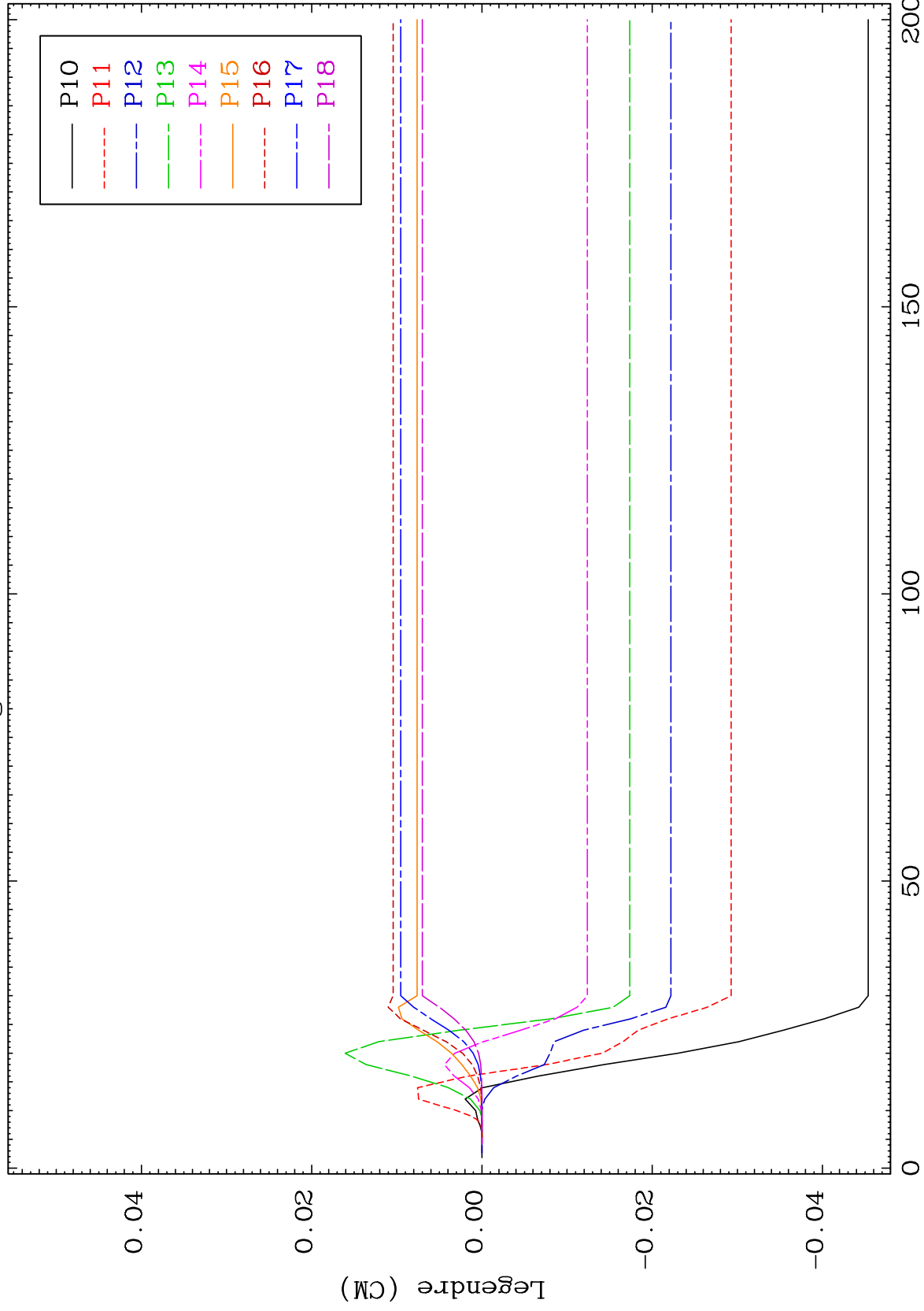




MAT 4428

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

44-Ru-97



46

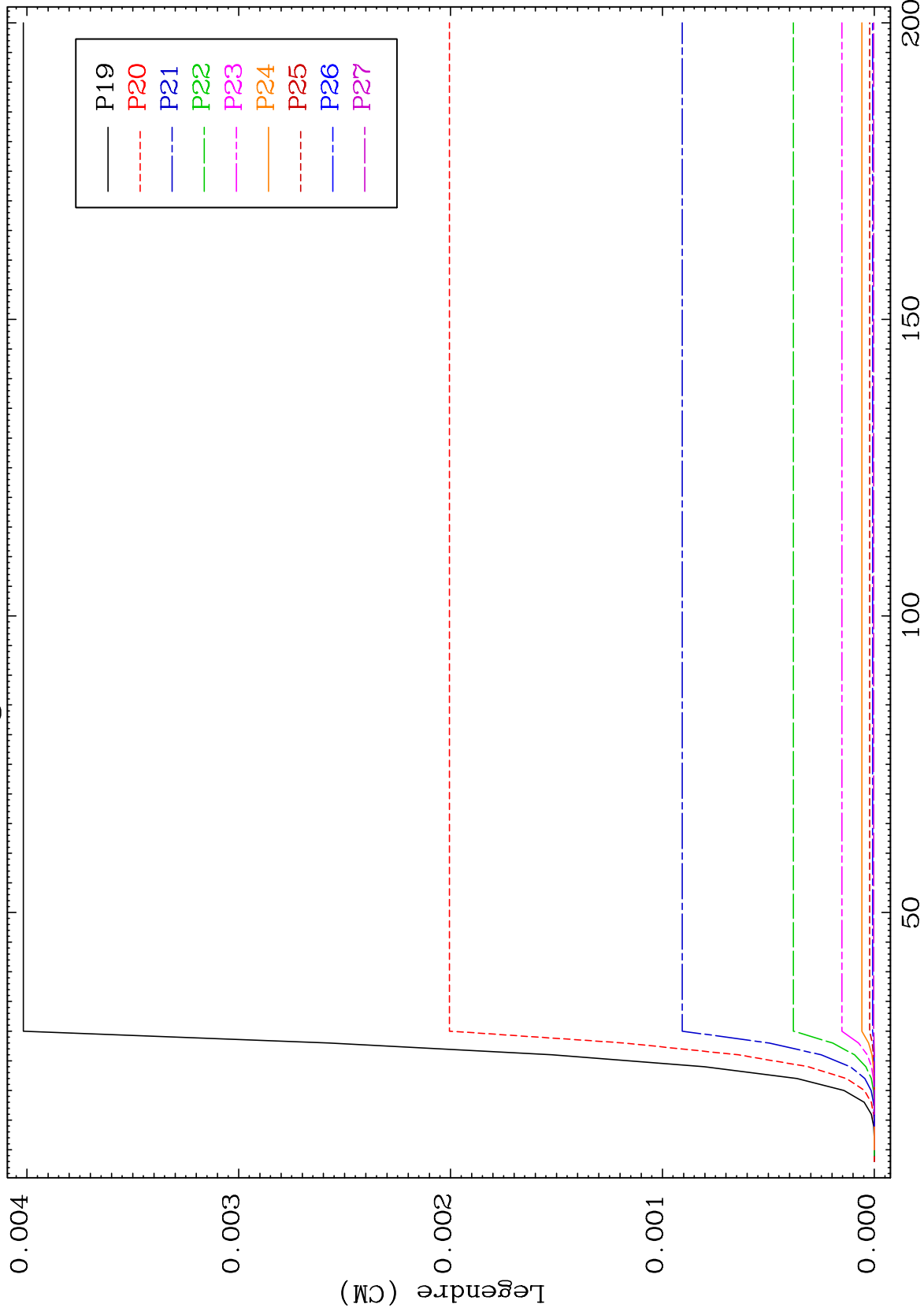
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



47

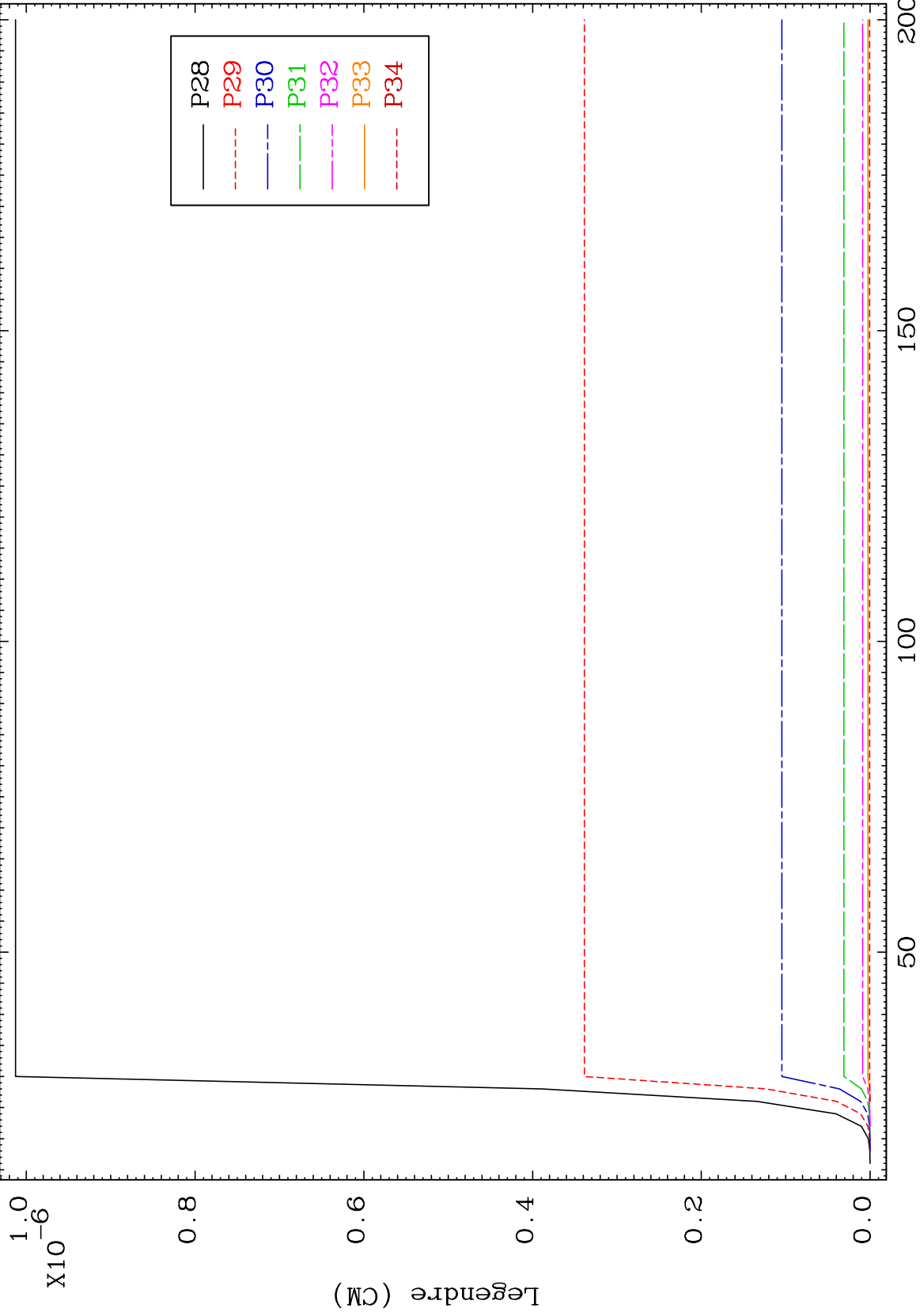
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

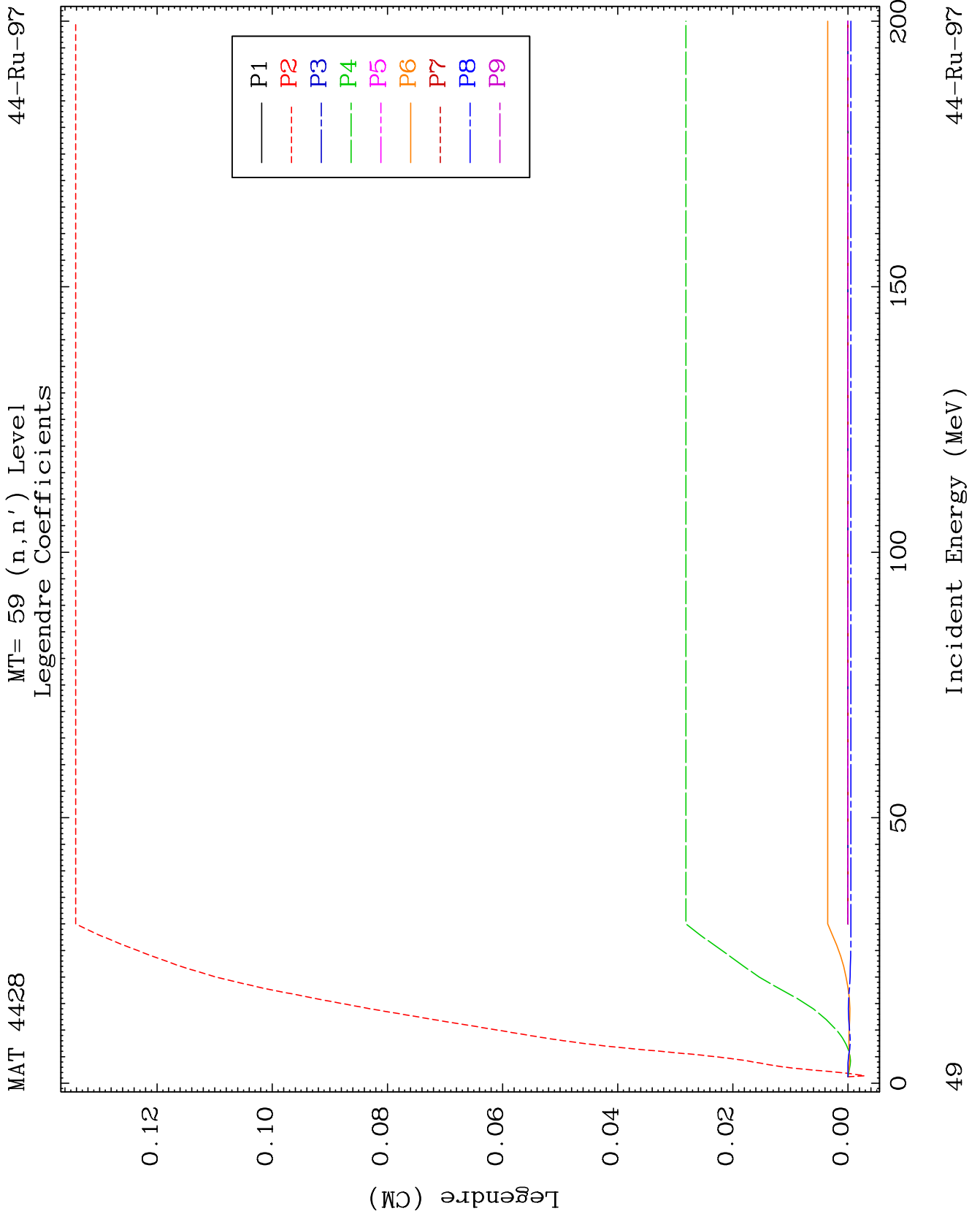
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48

Incident Energy (MeV)

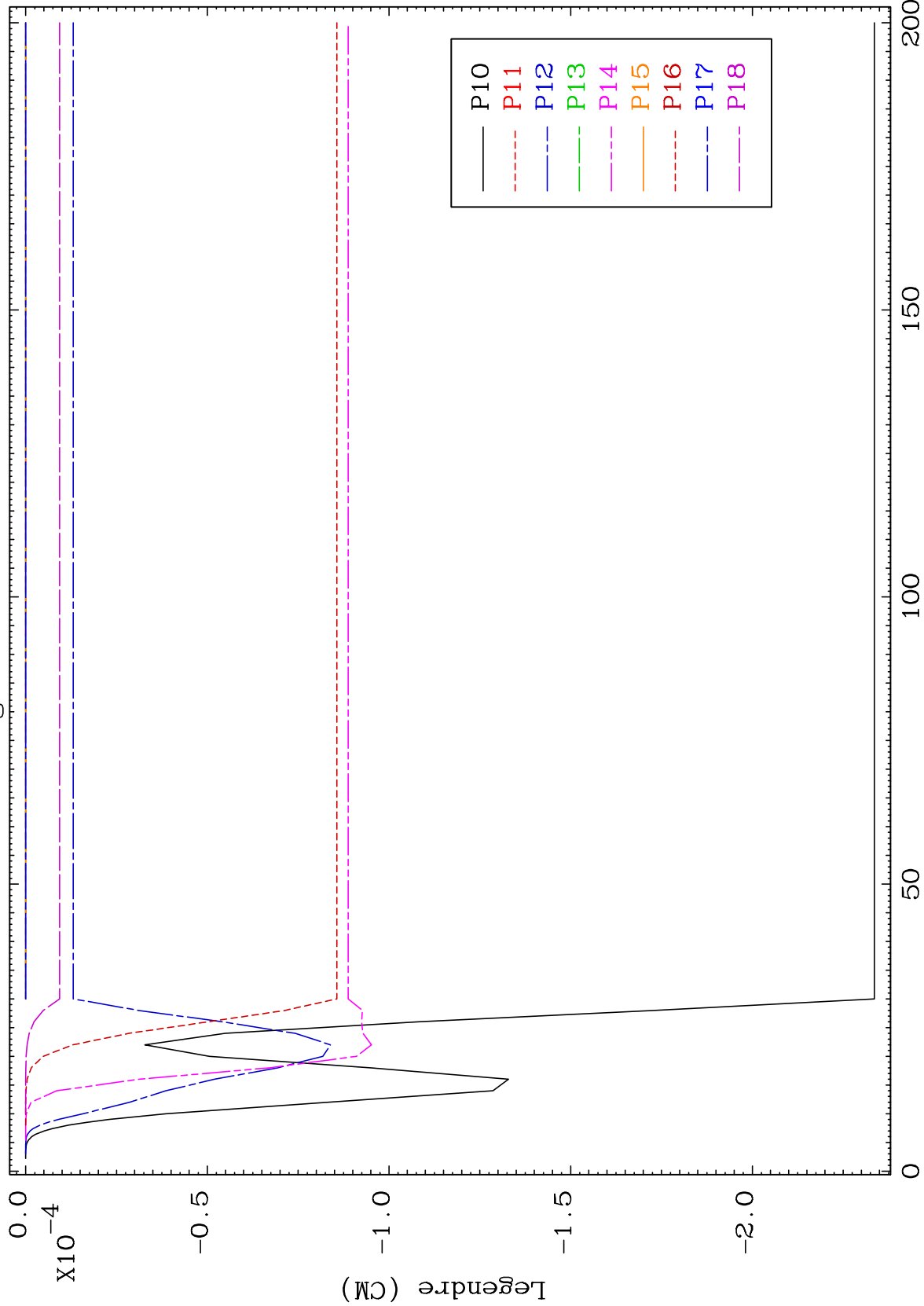
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MAT 4428

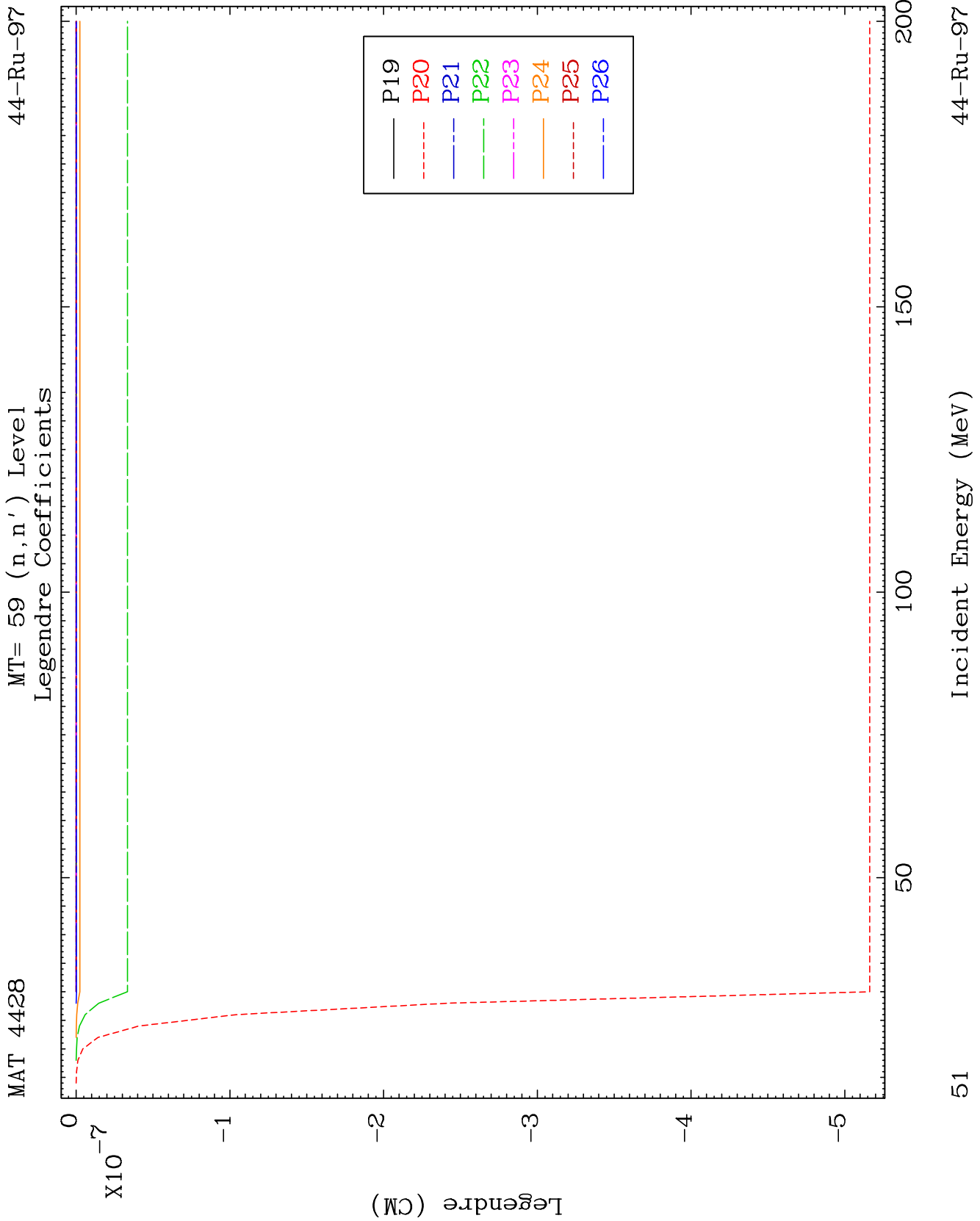
MT= 59 (n,n') Level
Legendre Coefficients

44-Ru-97



Incident Energy (MeV)

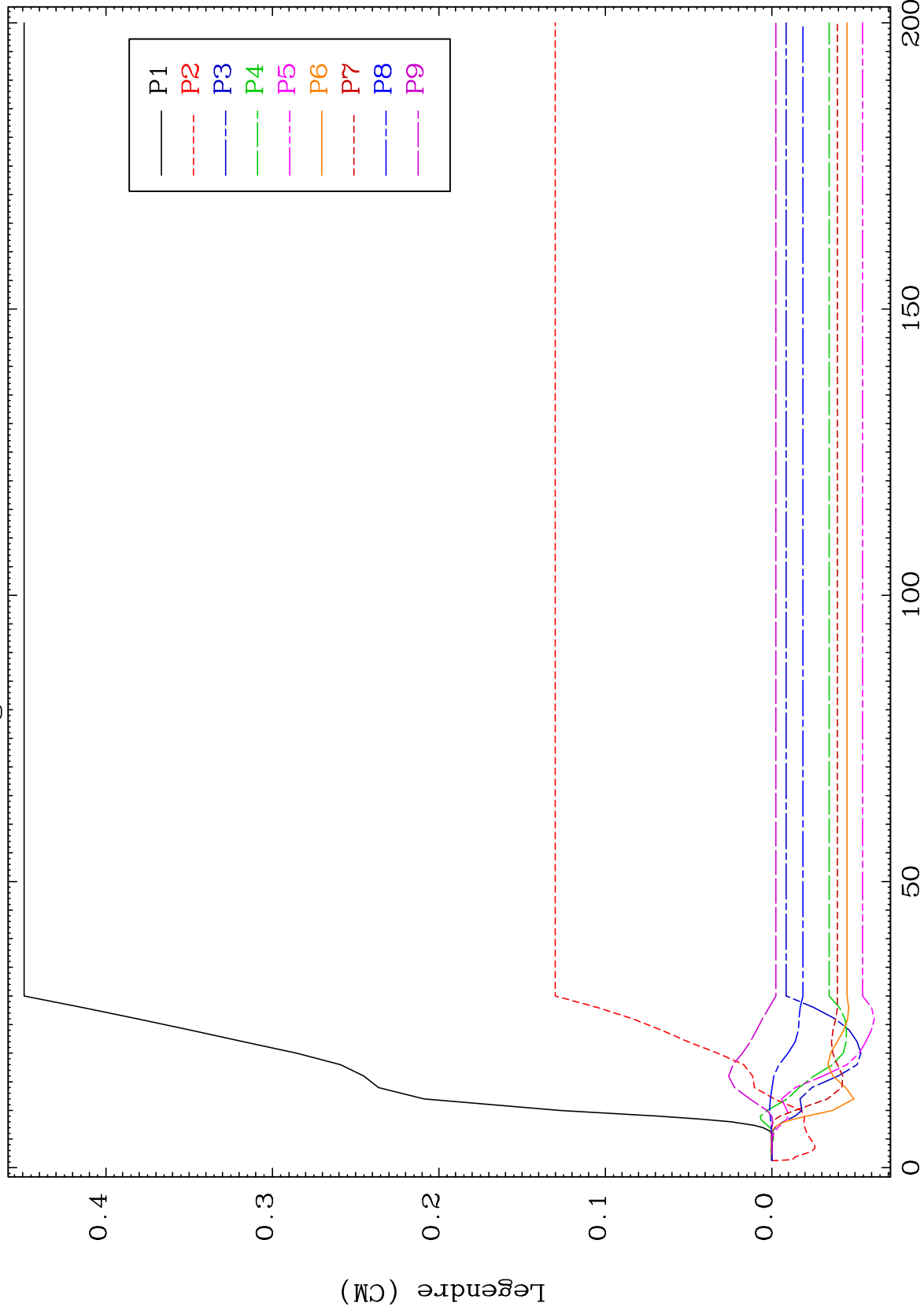
44-Ru-97



MAT 4428

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

44-Ru-97



52

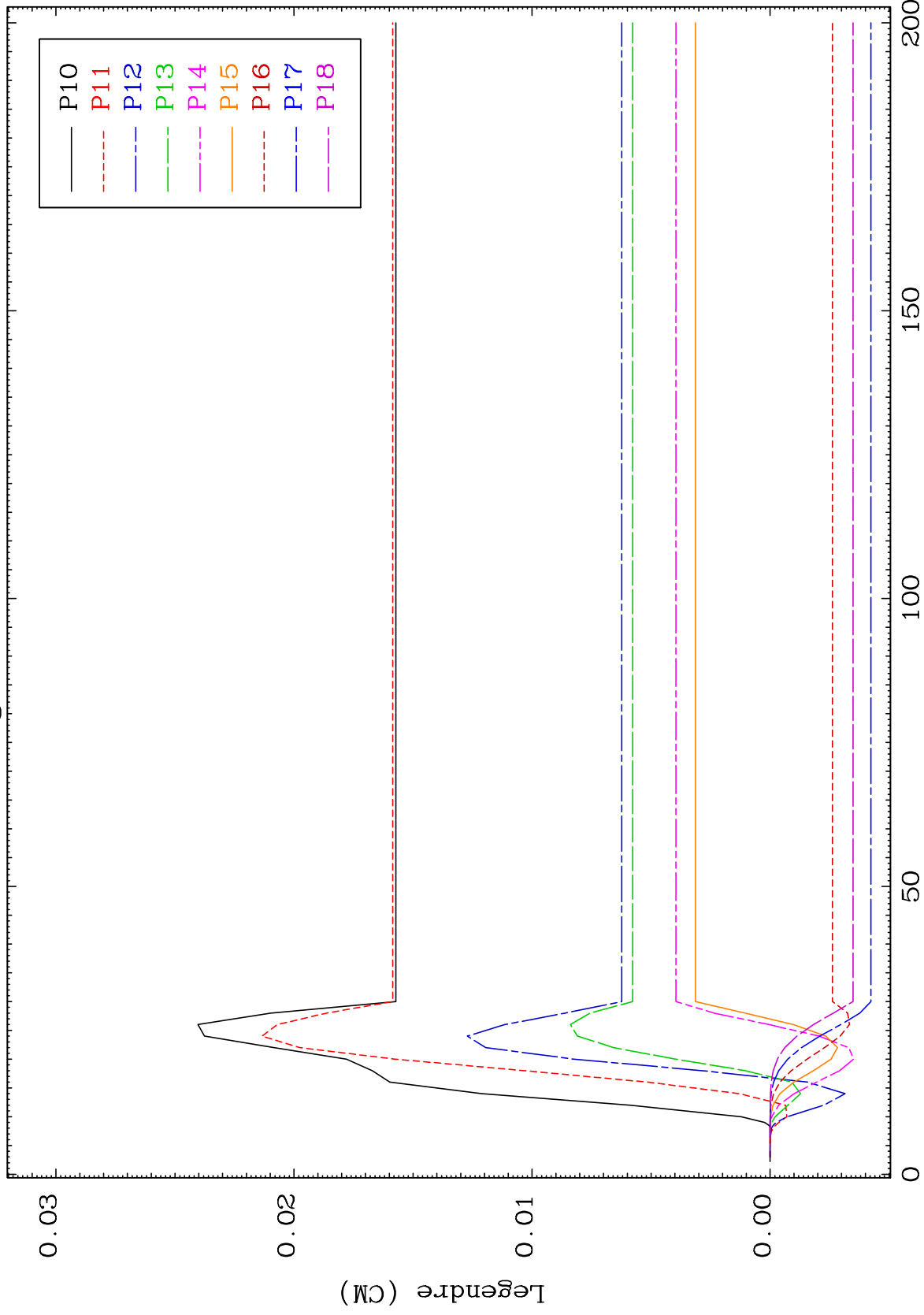
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

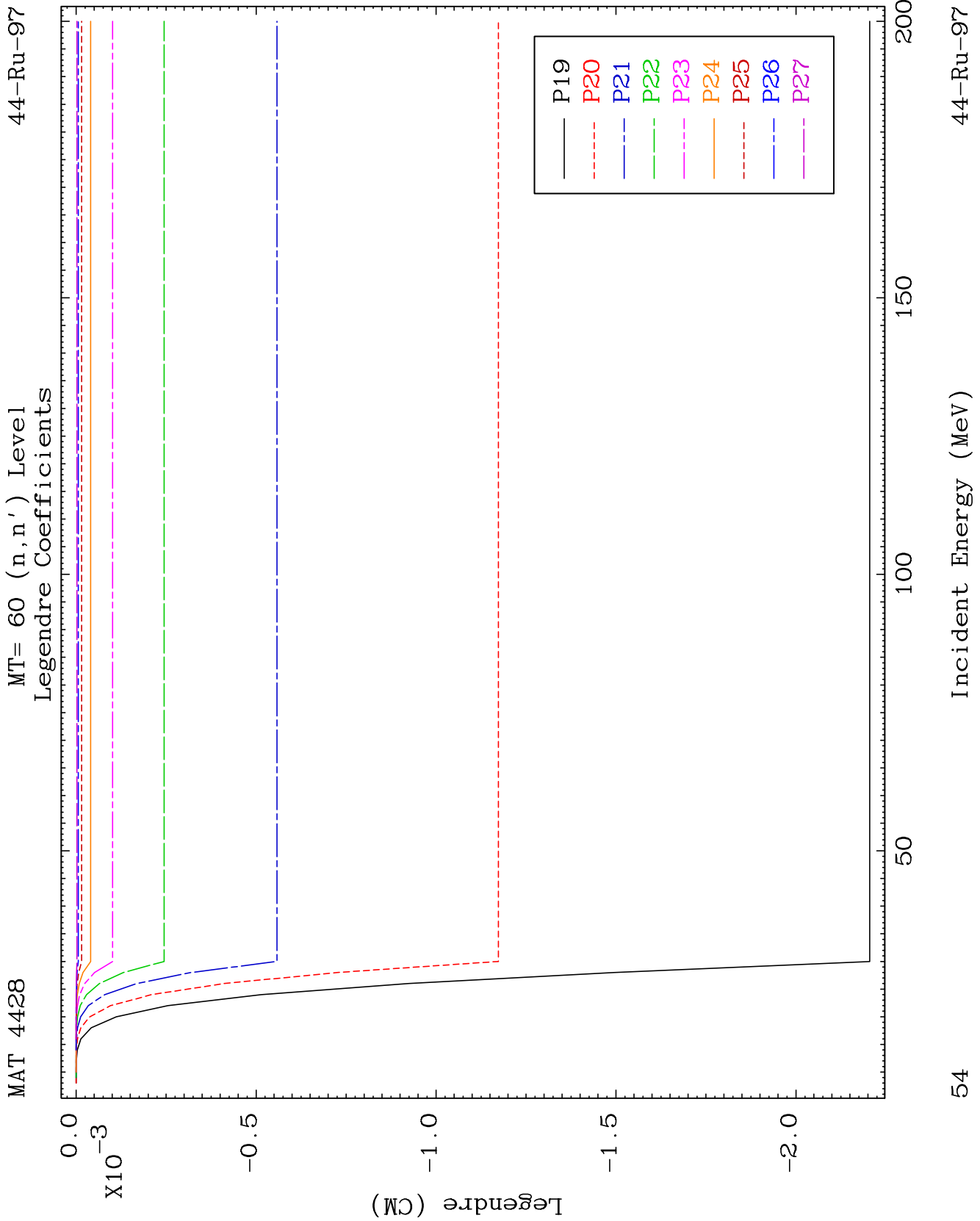
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53

Incident Energy (MeV)

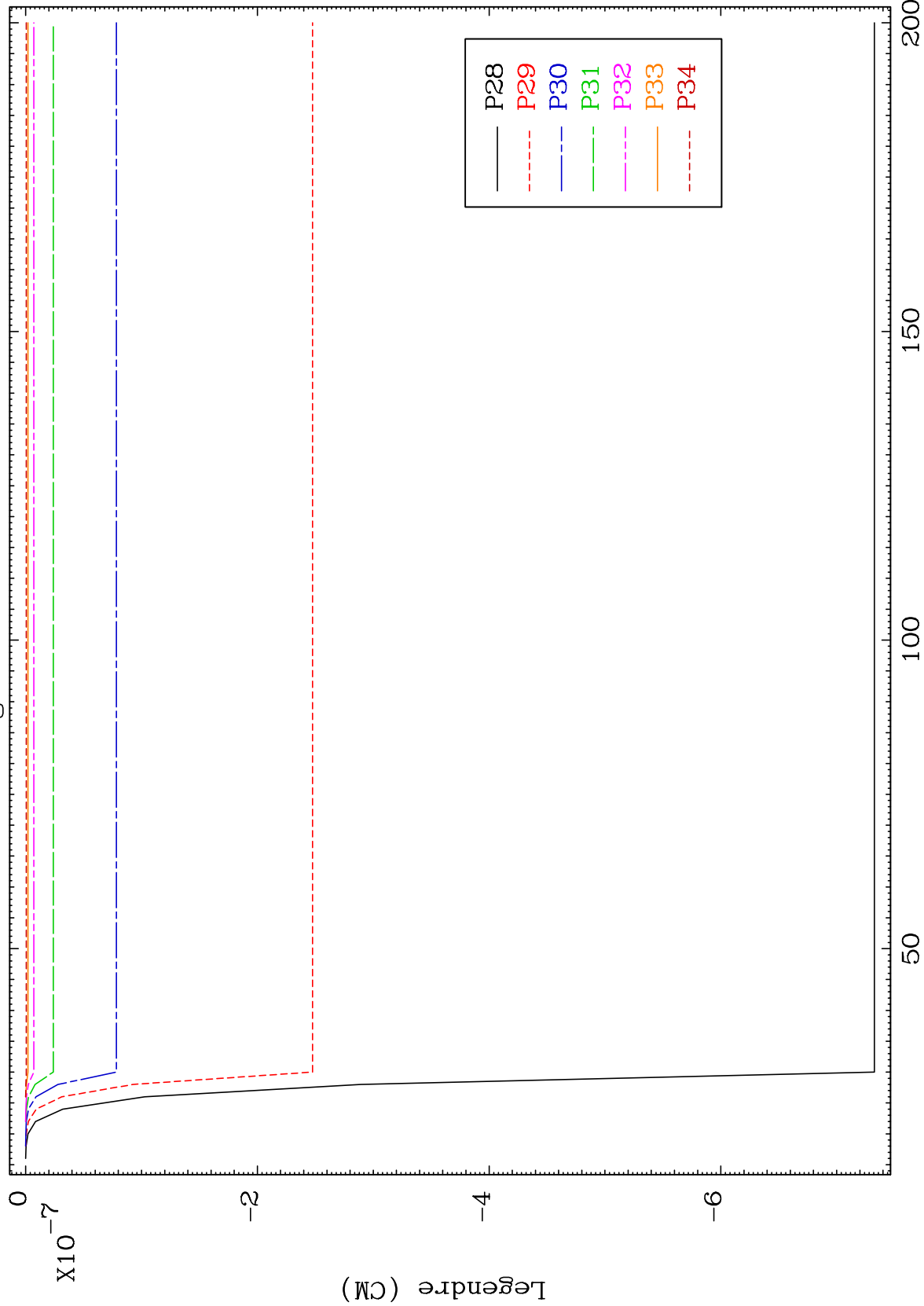
44-Ru-97



MAT 4428

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

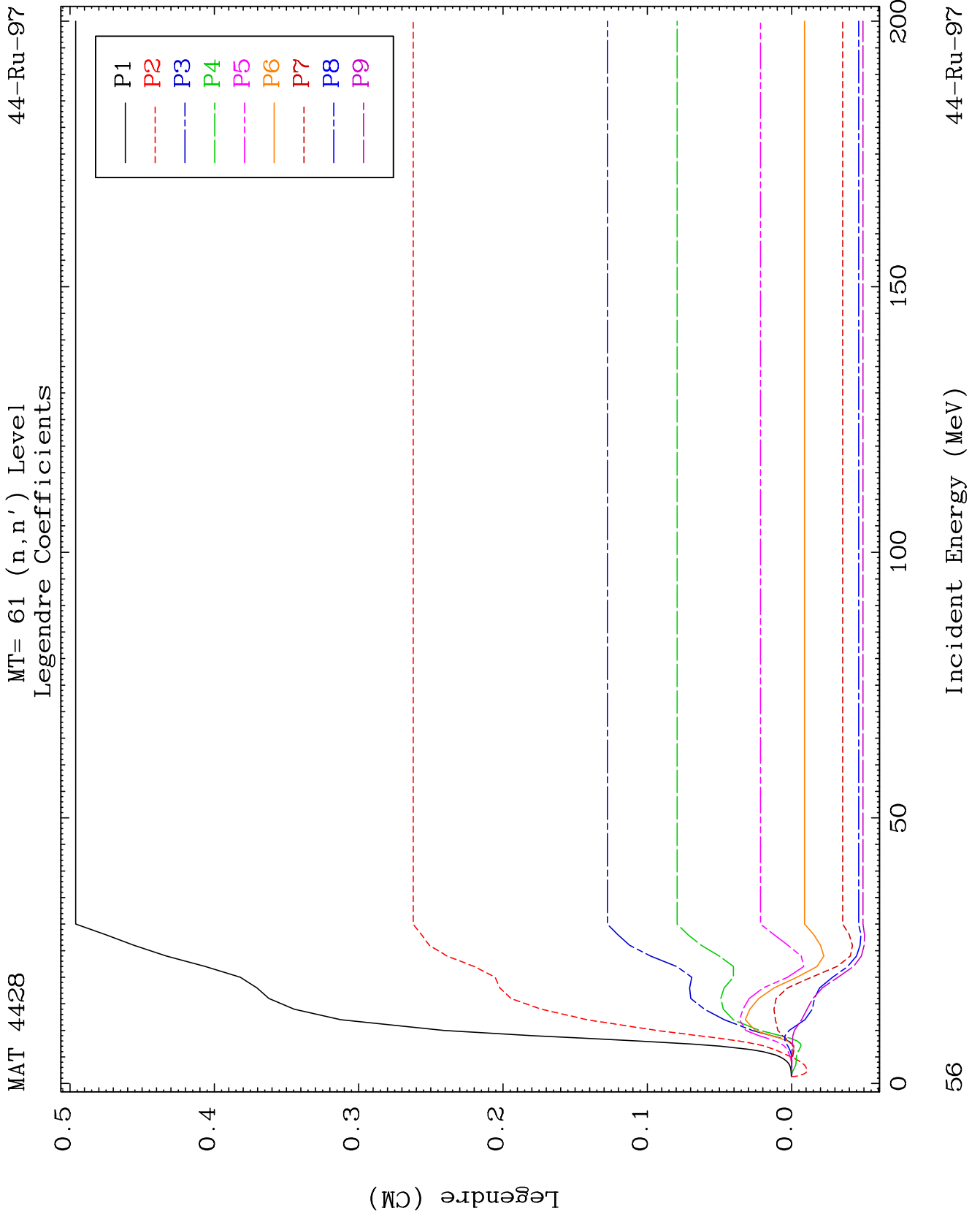
44-Ru-97



55

Incident Energy (MeV)

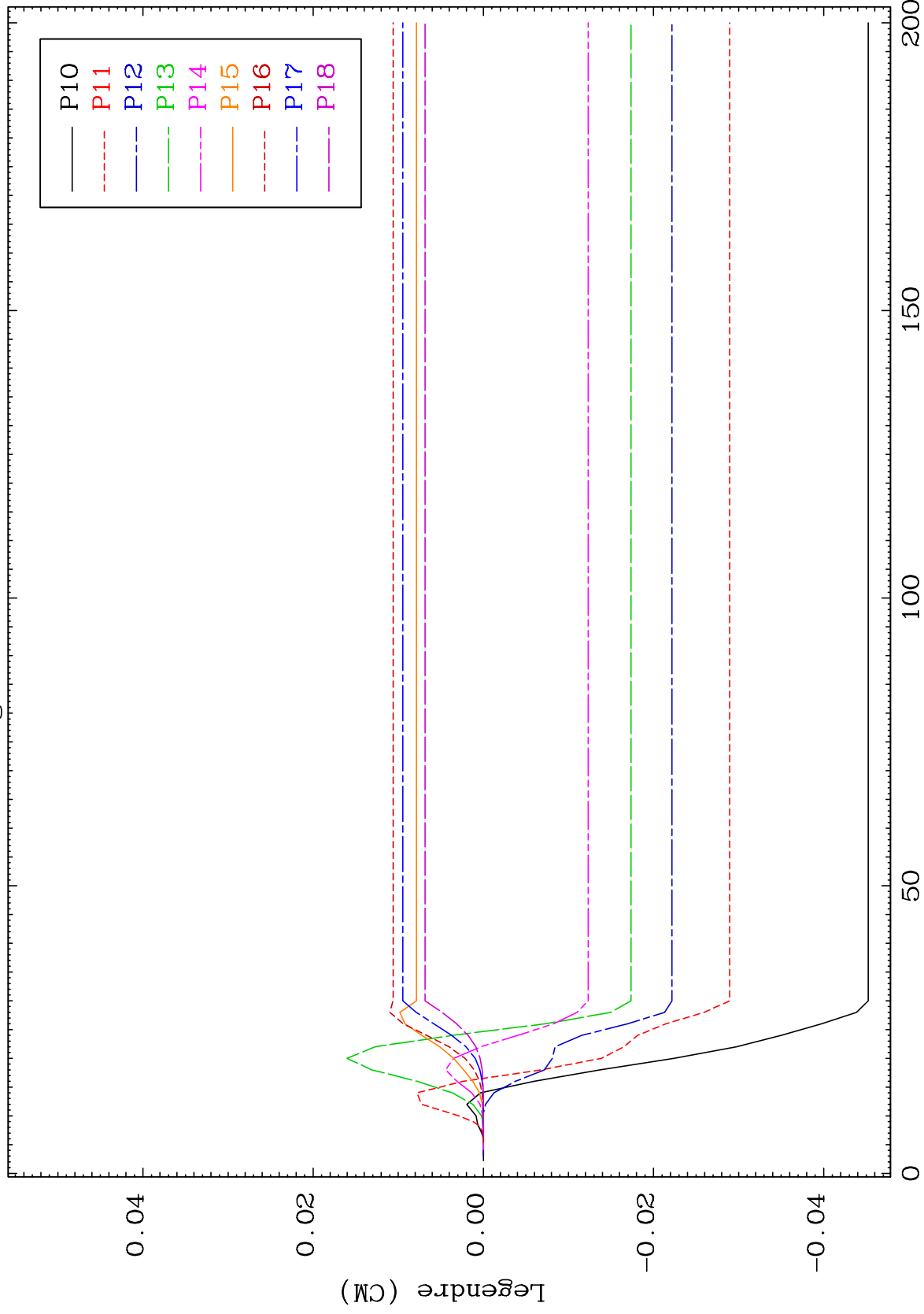
44-Ru-97



MAT 4428

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

44-Ru-97



57

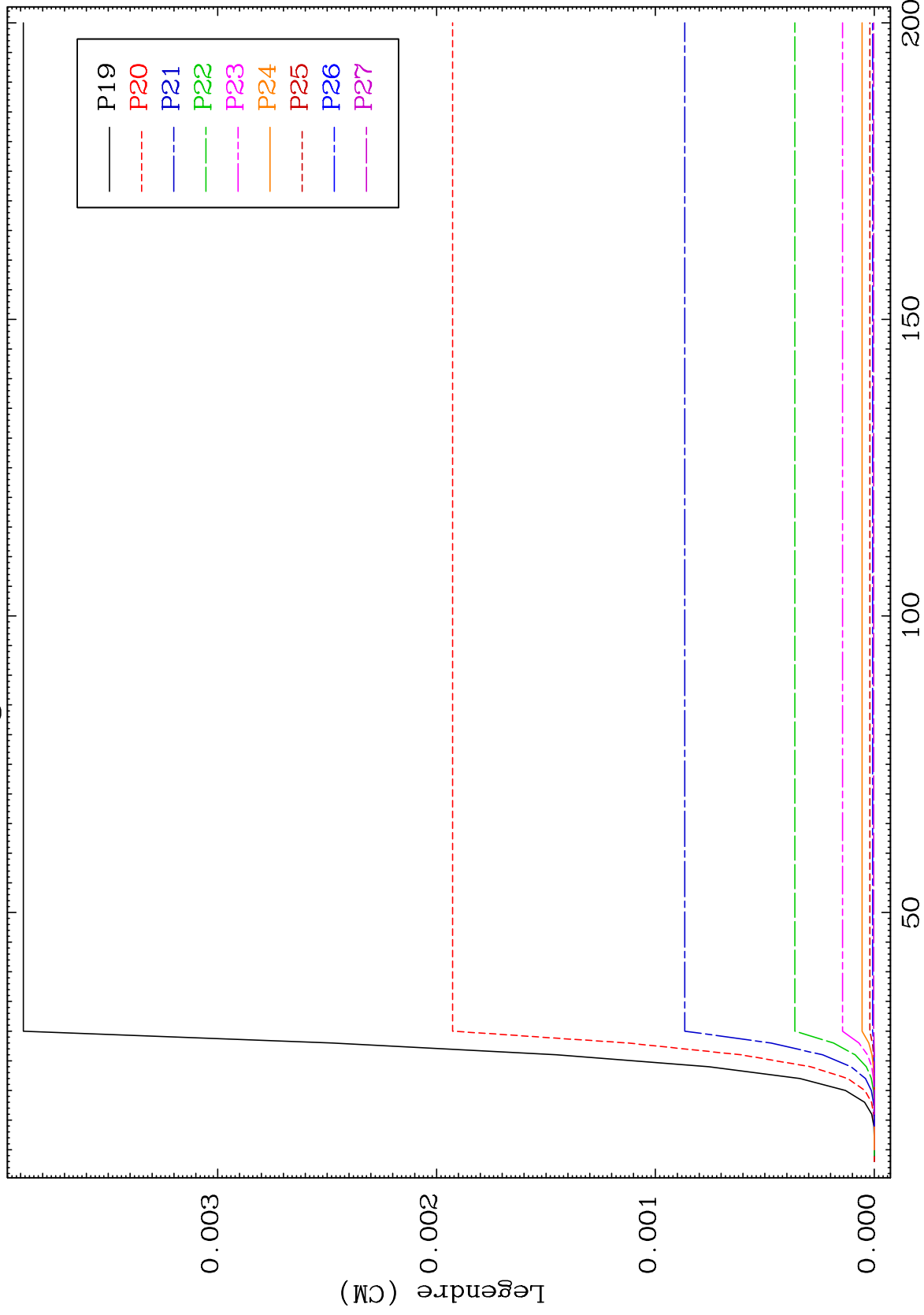
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



58

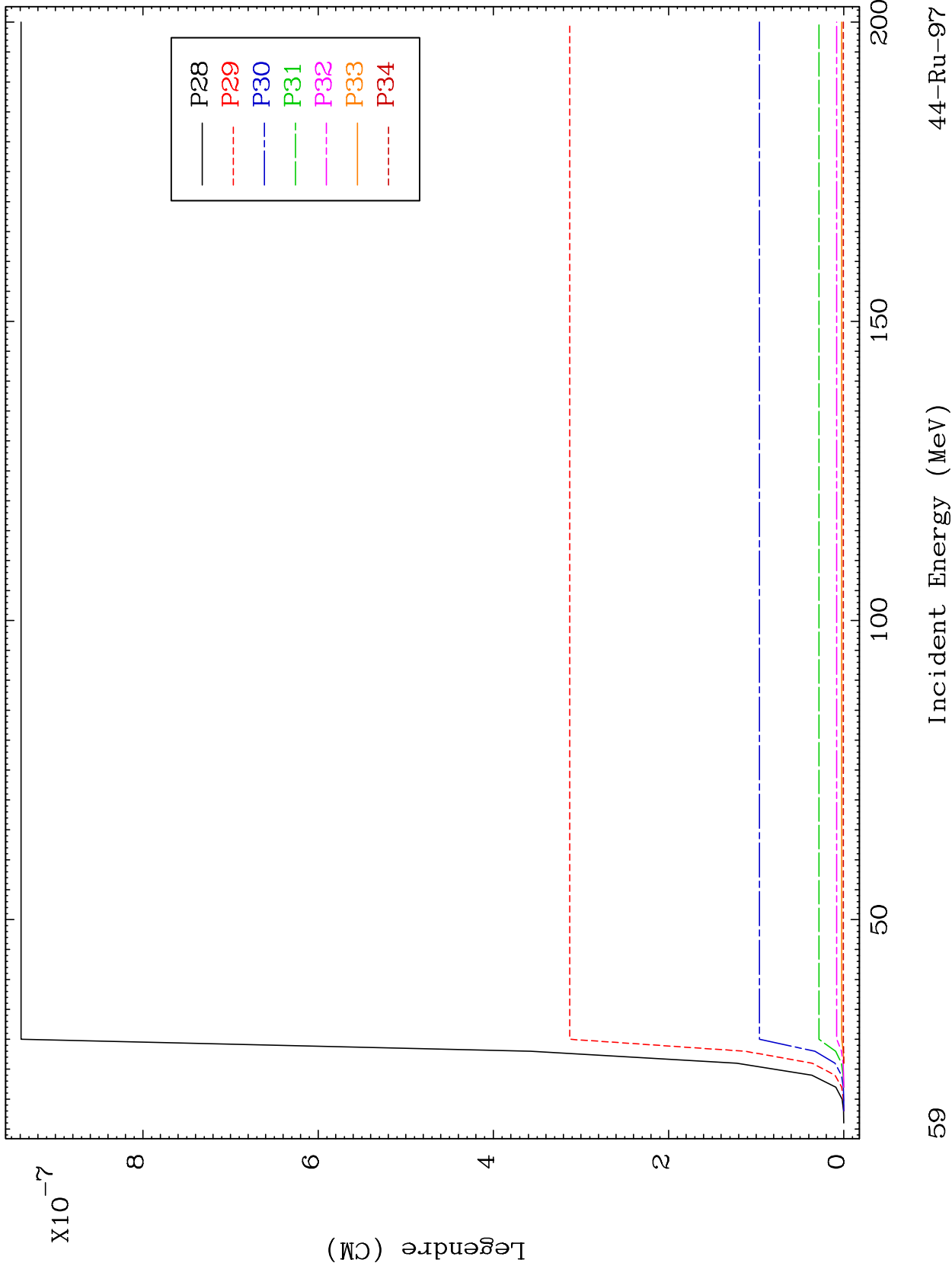
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

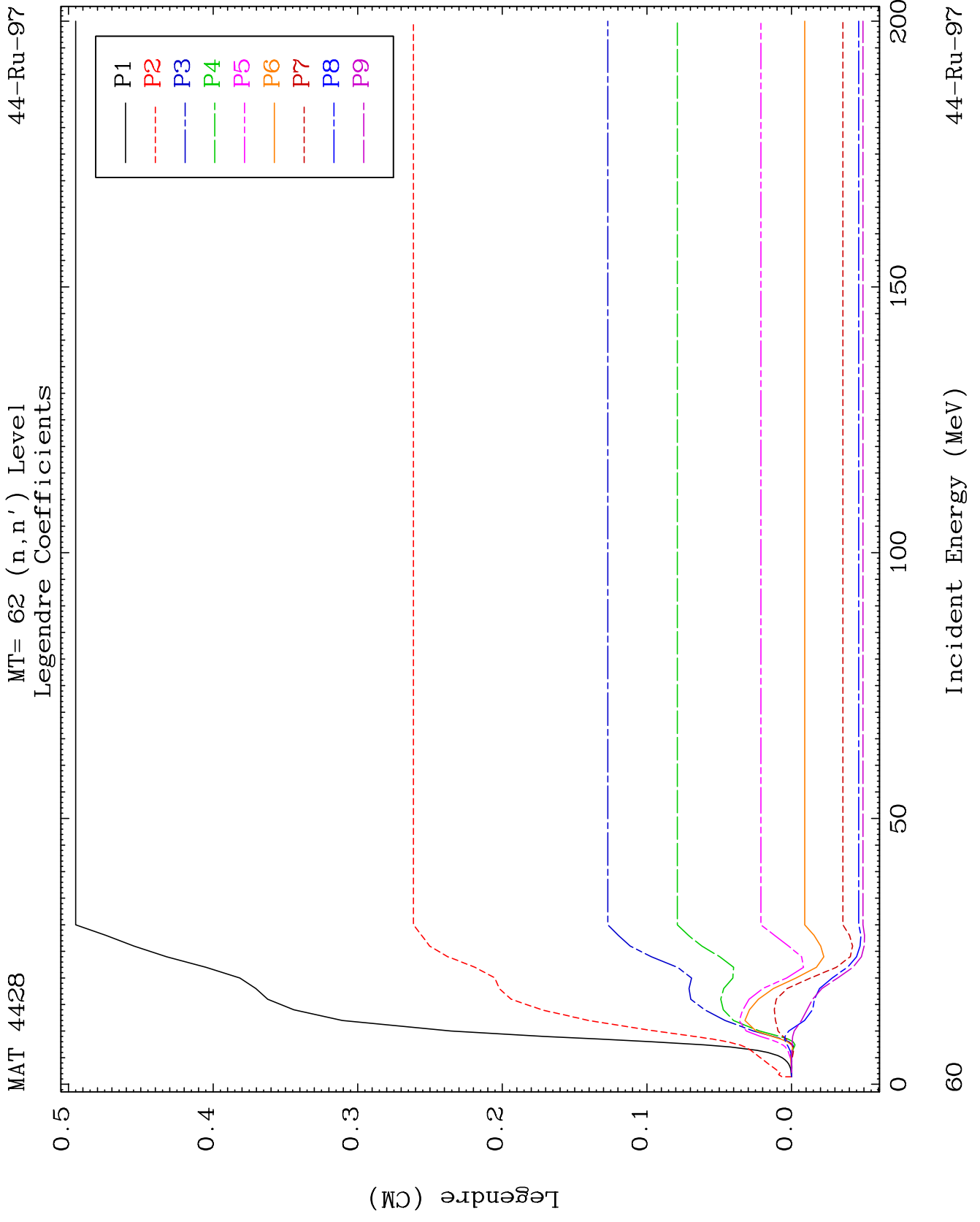
44-Ru-97



59

Incident Energy (MeV)

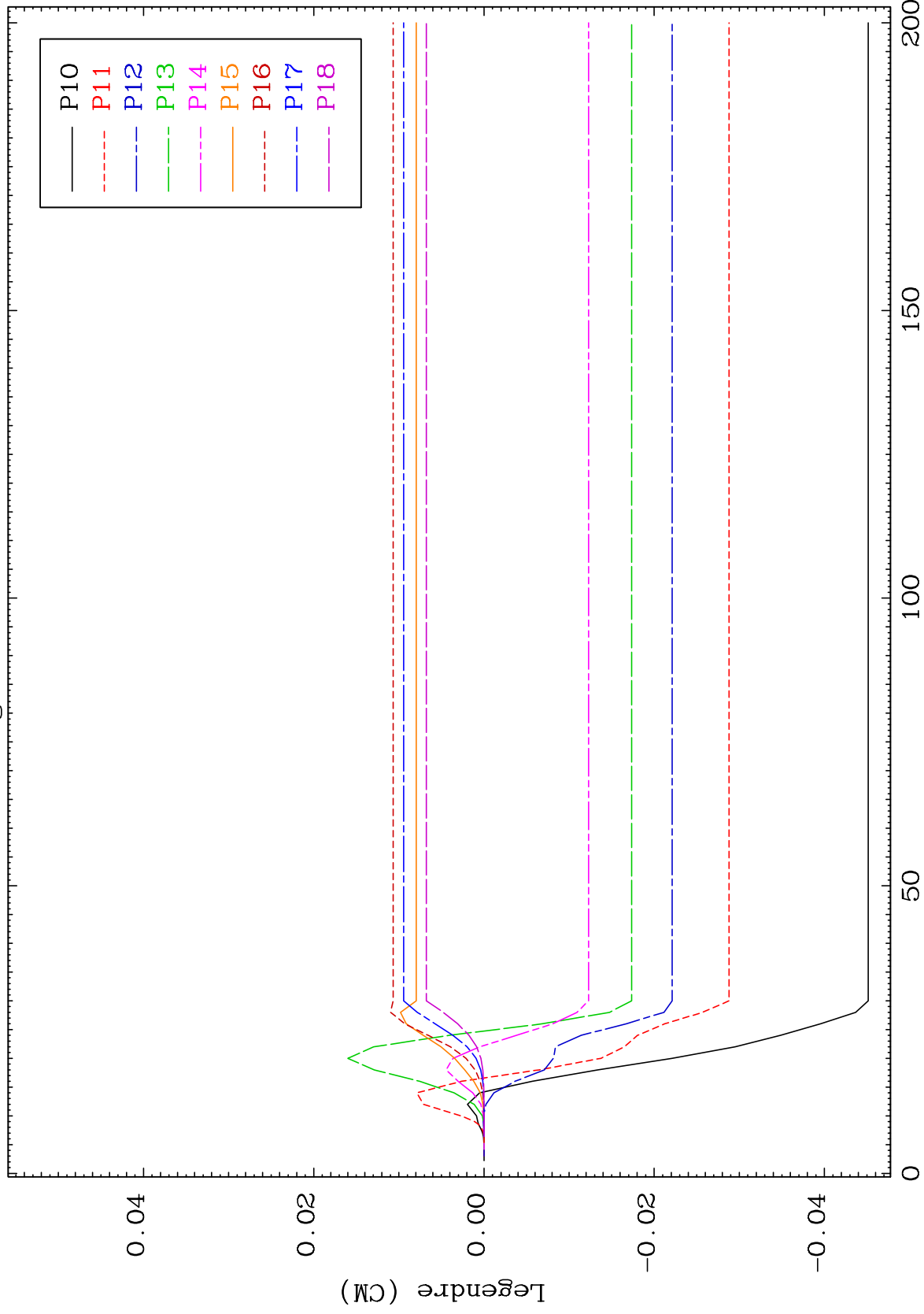
44-Ru-97



MAT 4428

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

44-Ru-97



61

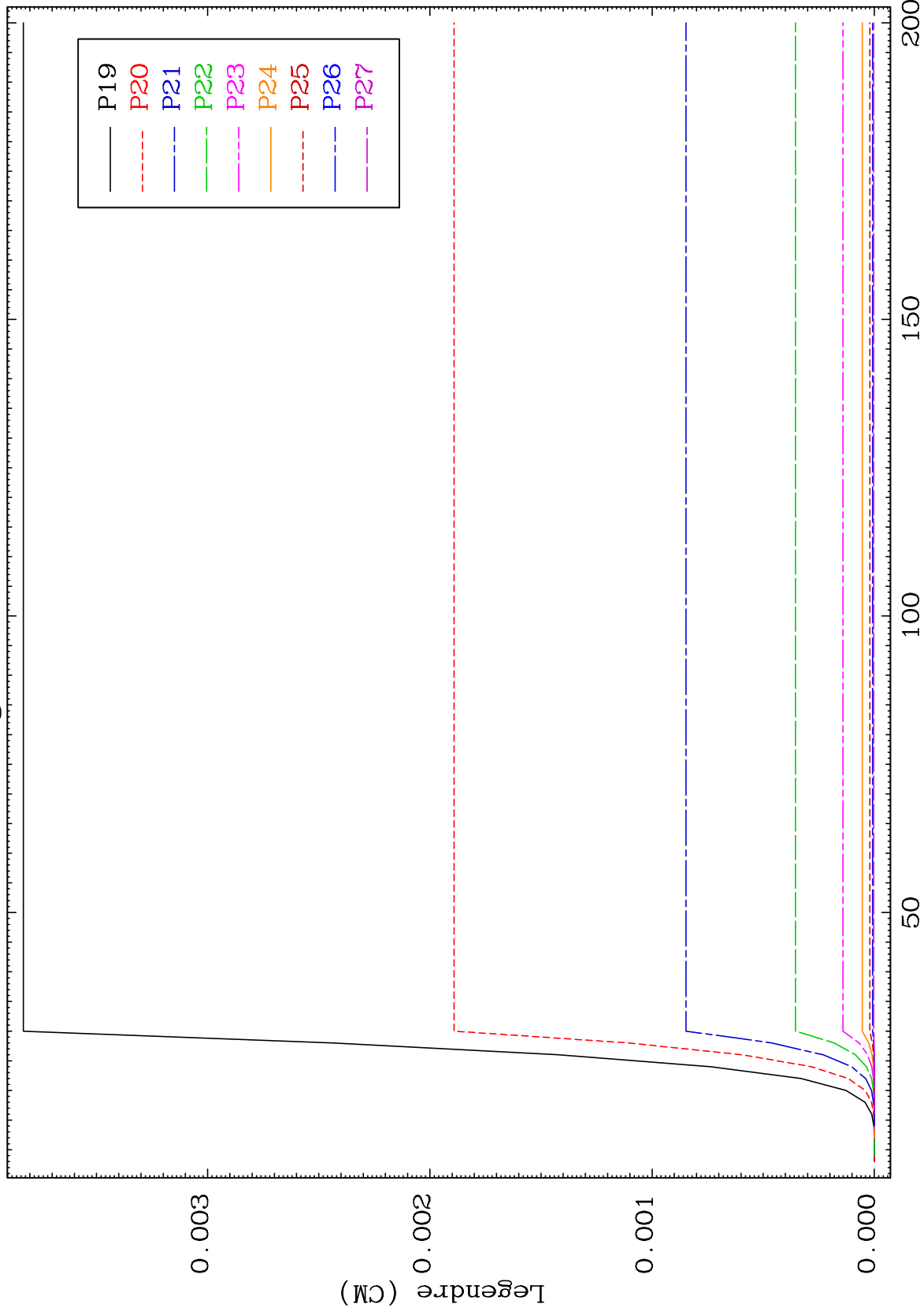
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



62

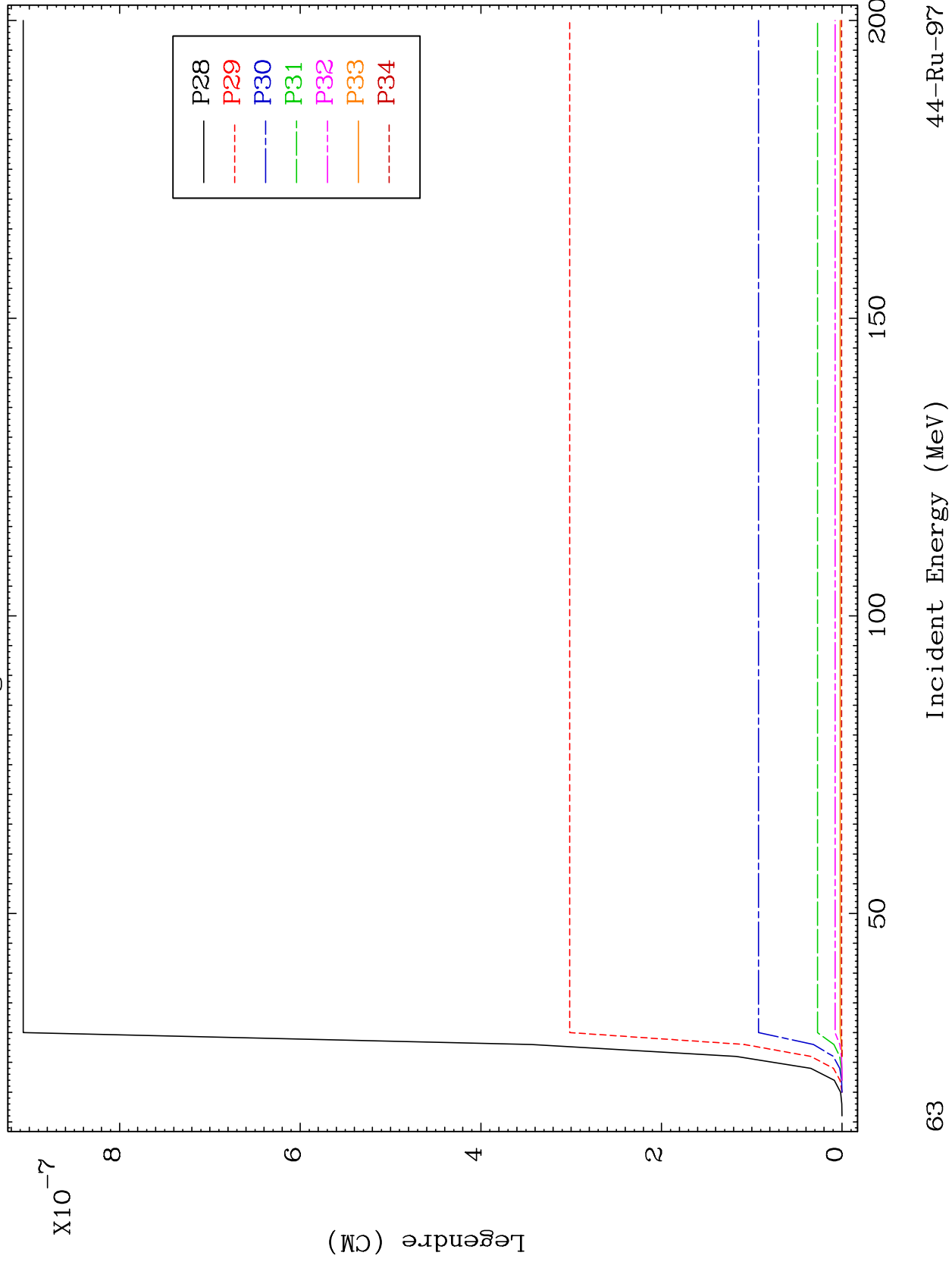
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



63

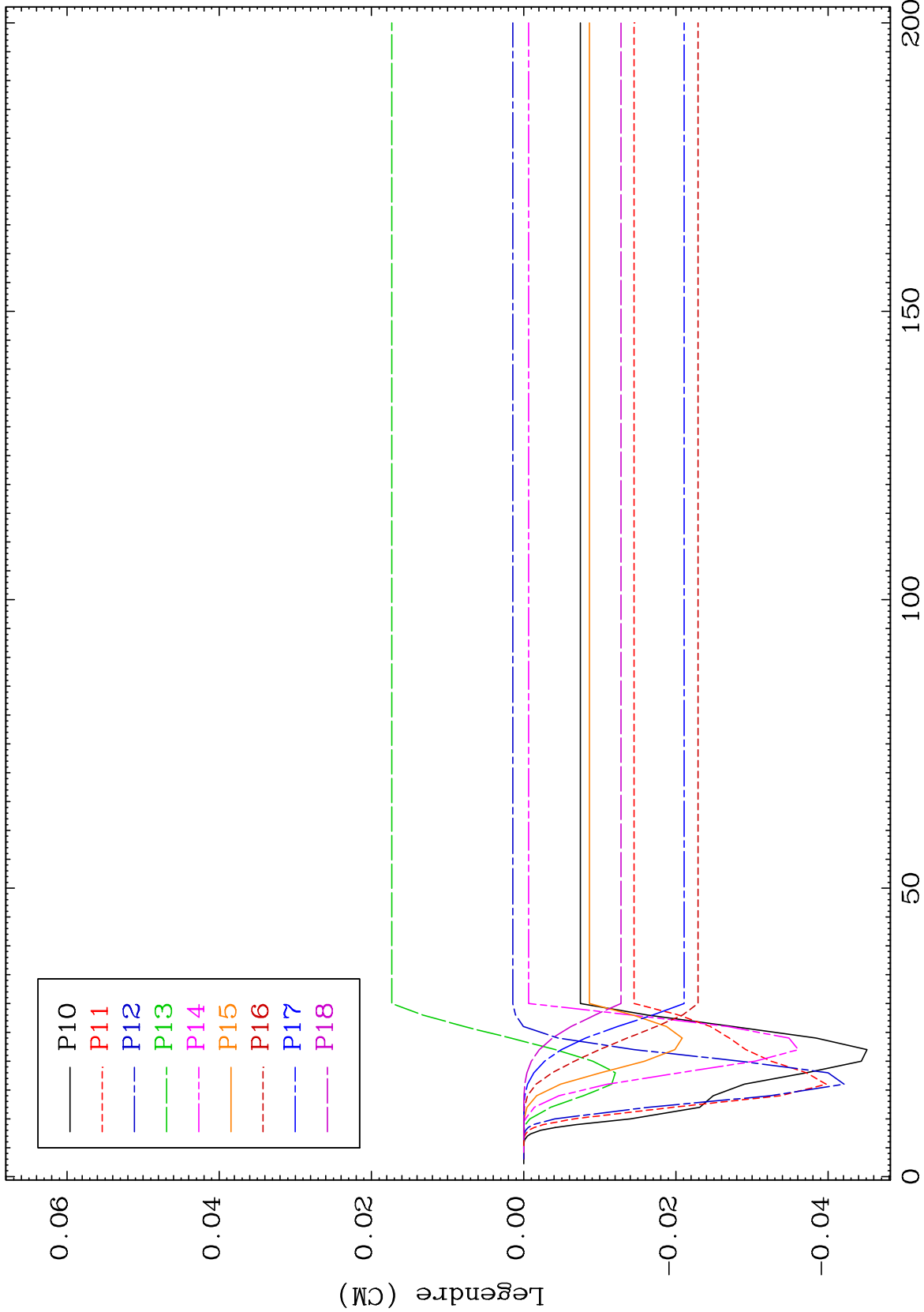
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97

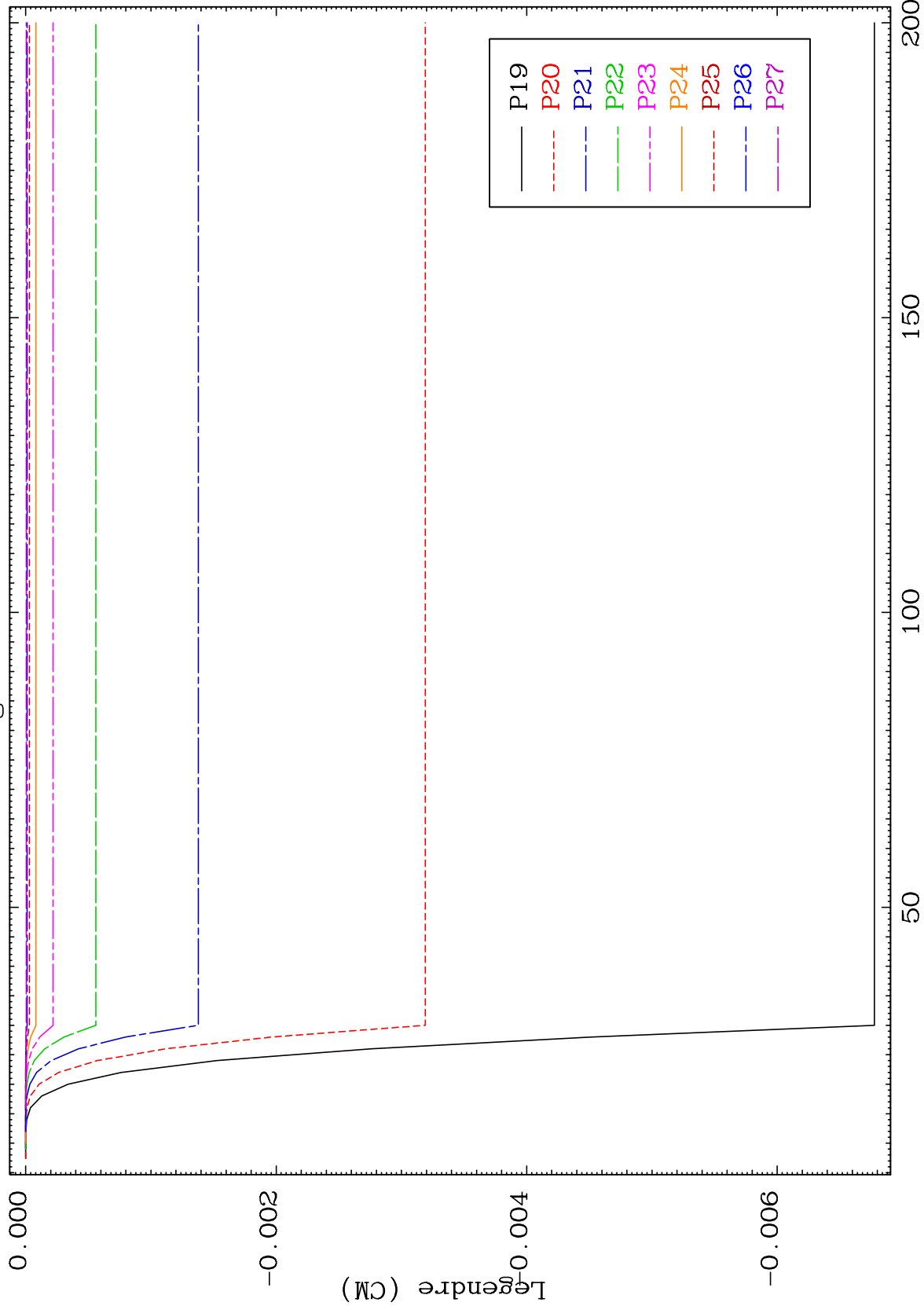


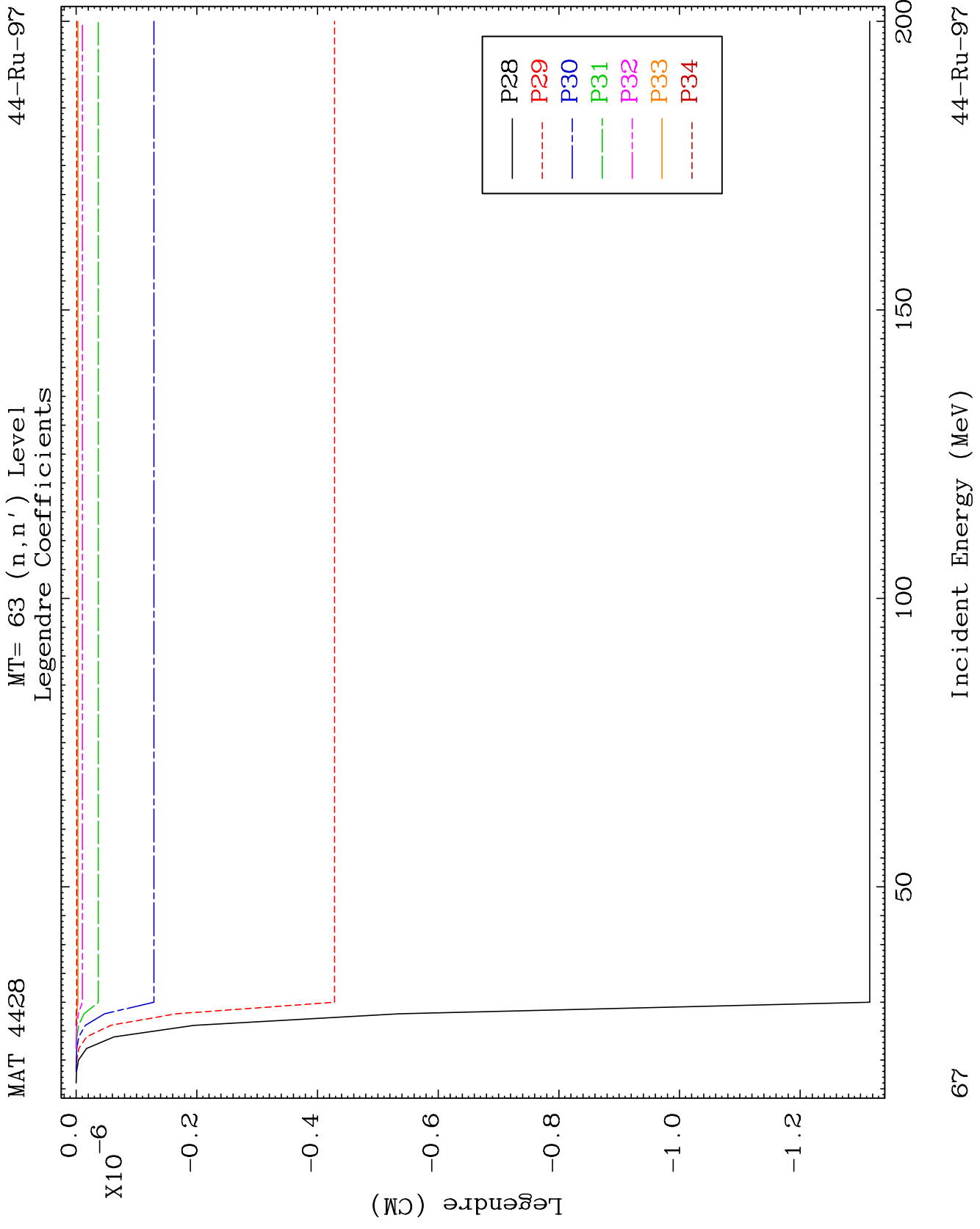
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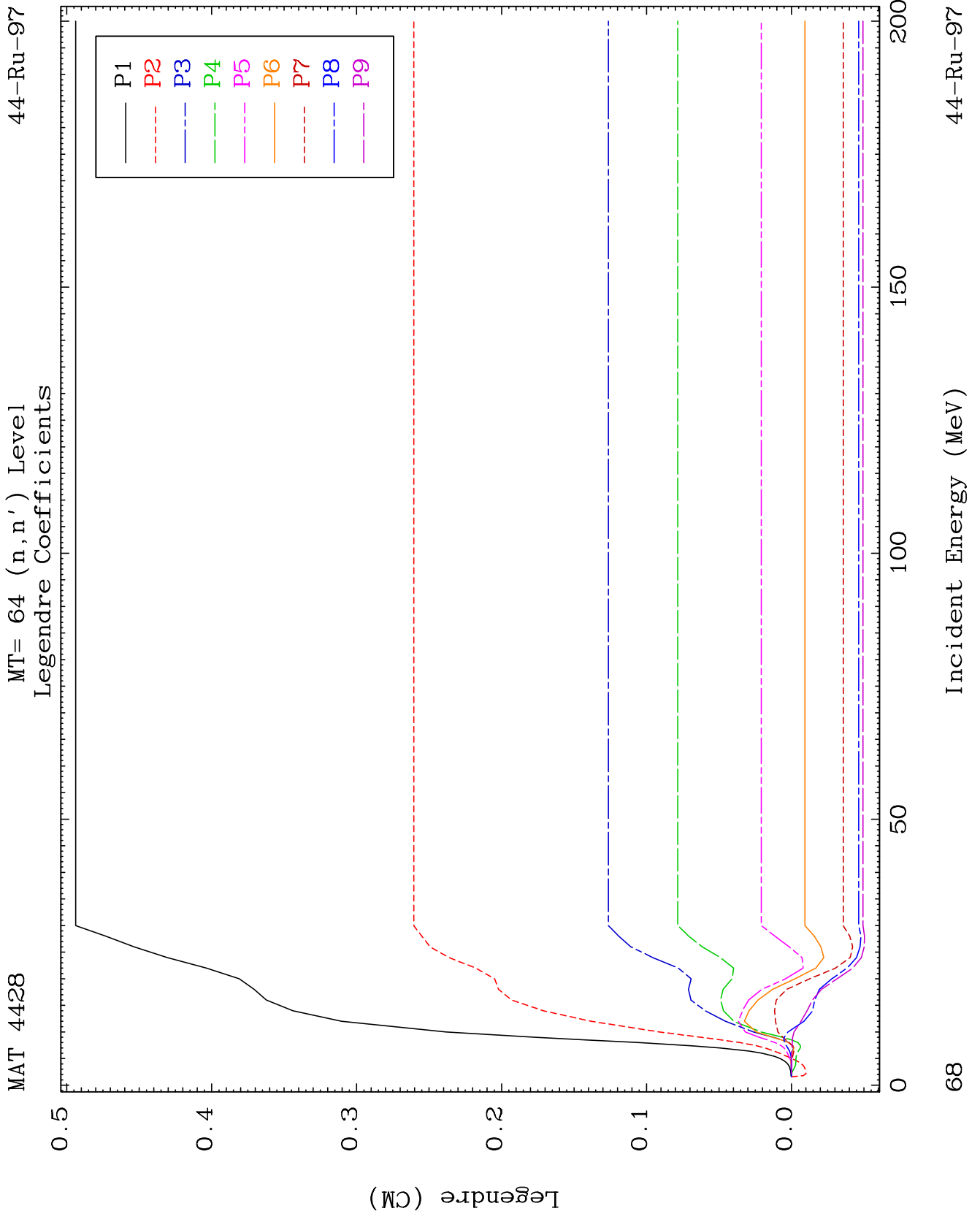
Incident Energy (MeV)

44-Ru-97

Legendre Coefficients



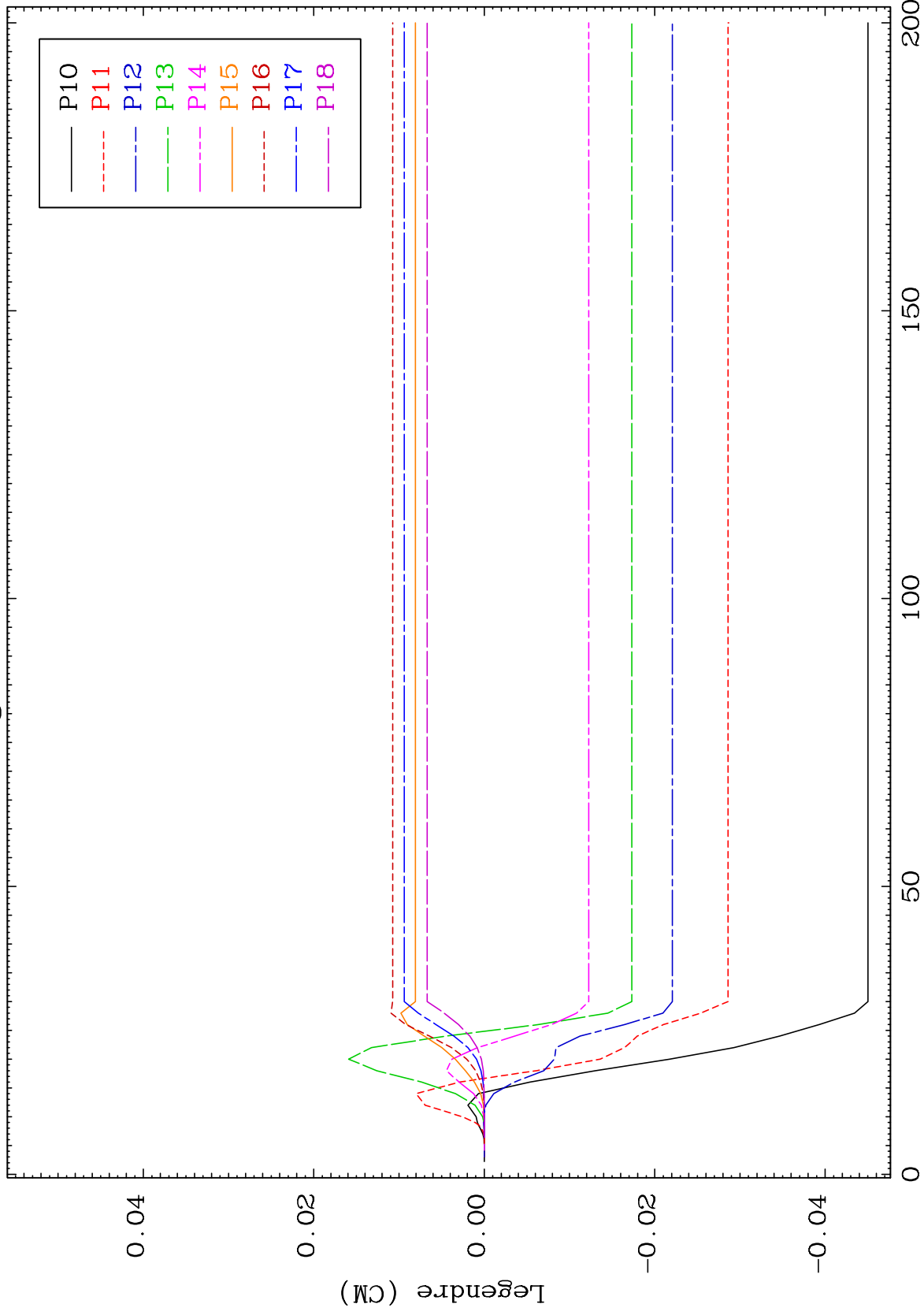




MAT 4428

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

44-Ru-97



69

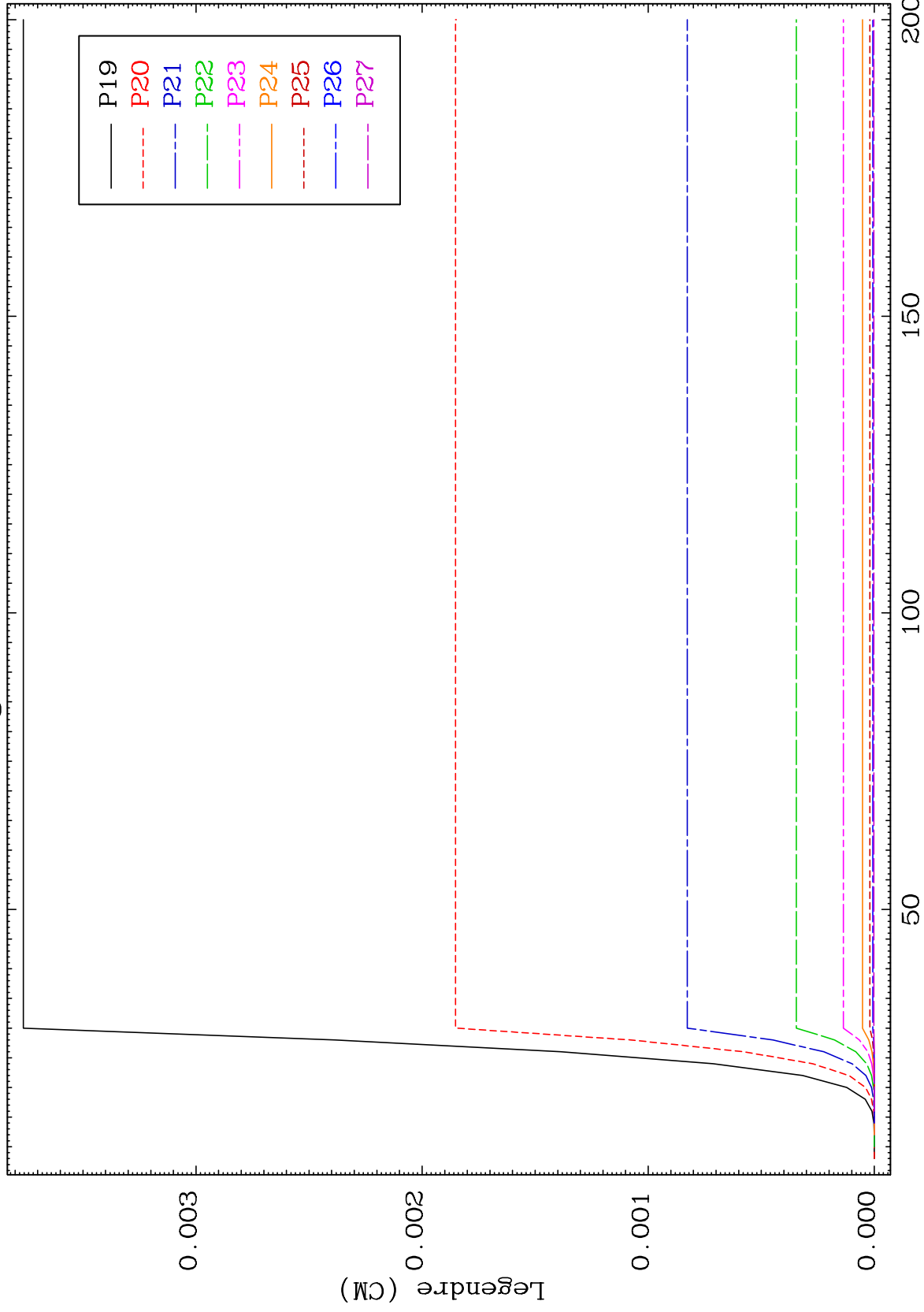
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



70

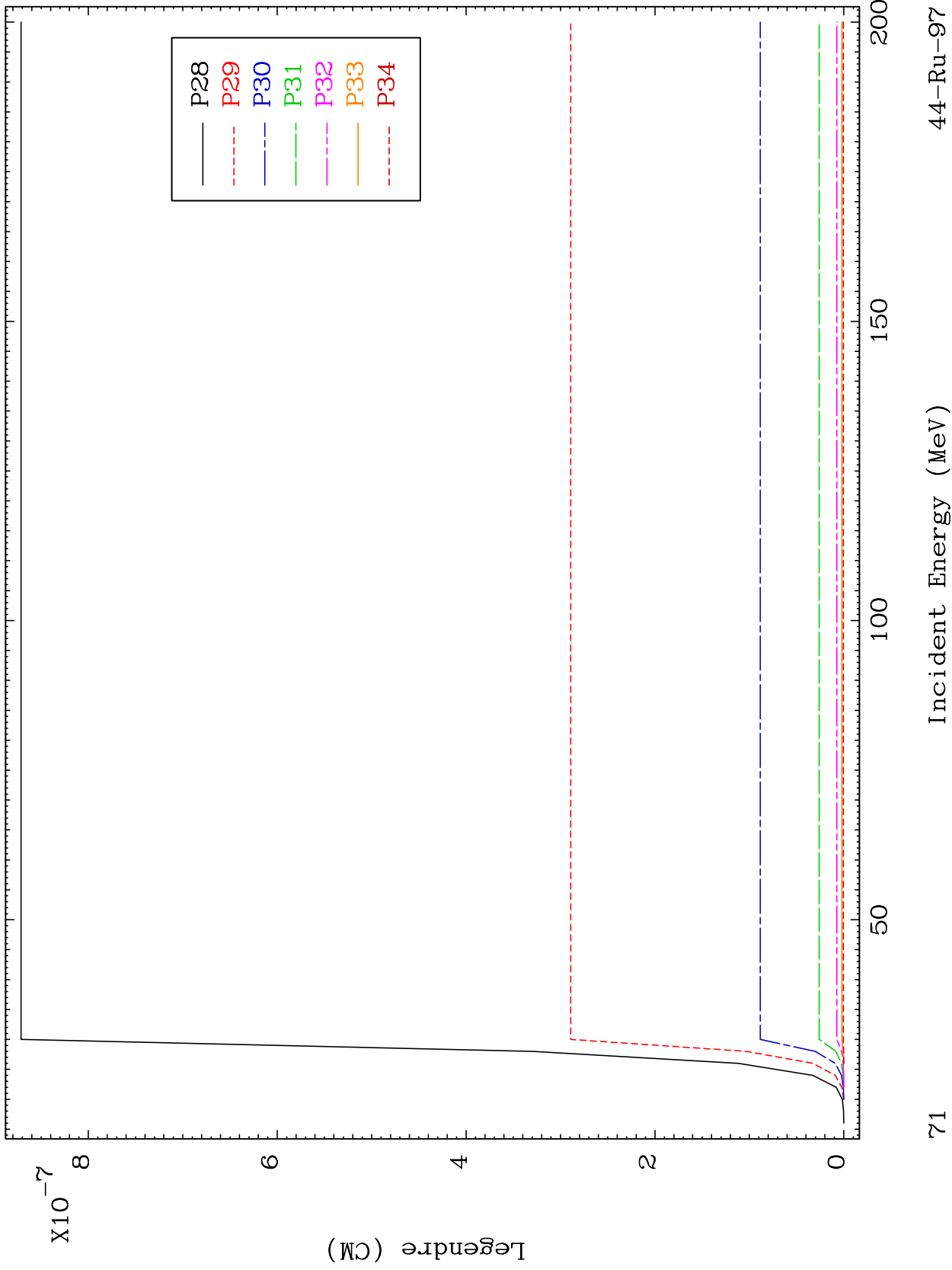
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

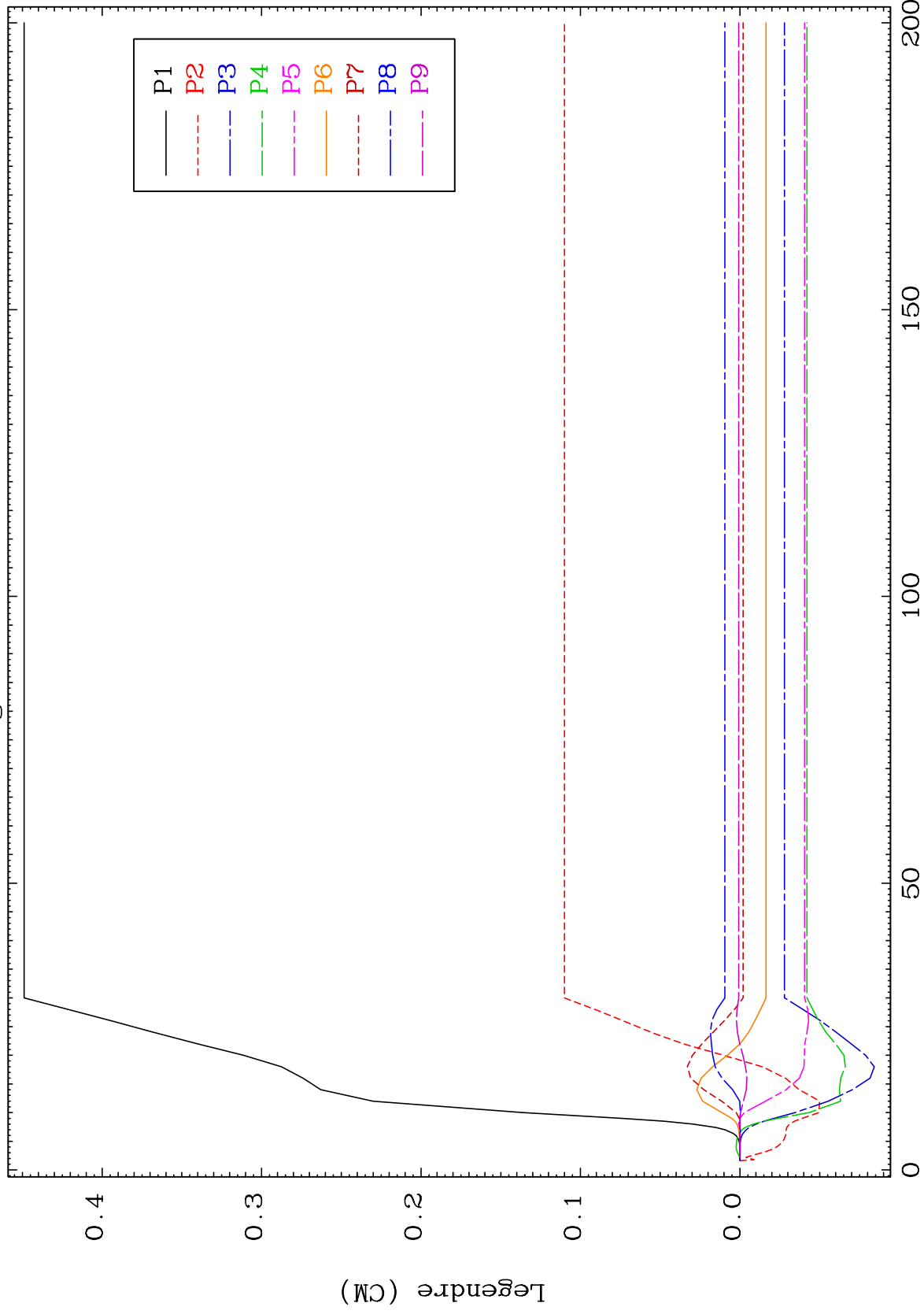
44-Ru-97



MAT 4428

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

44-Ru-97



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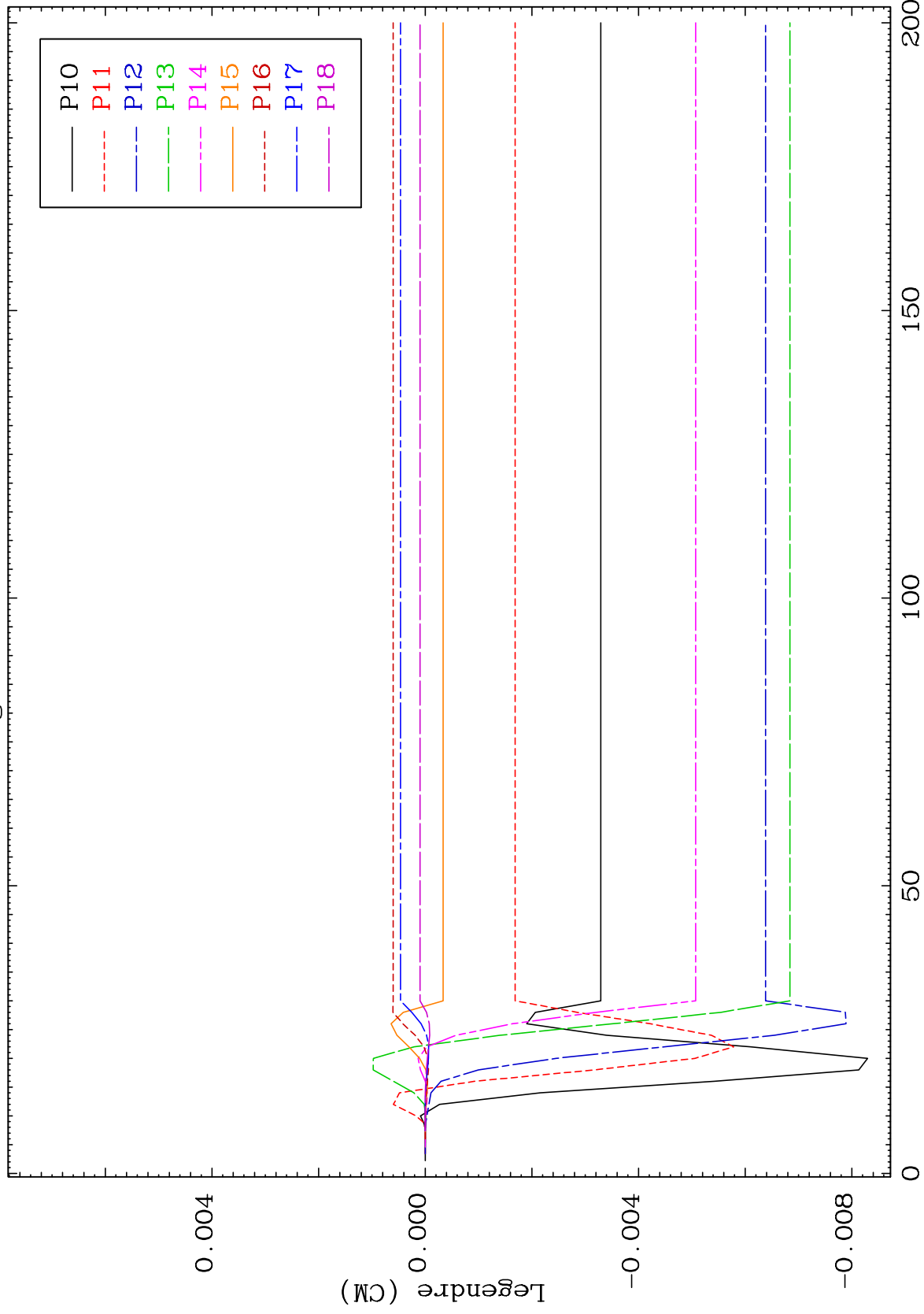
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



73

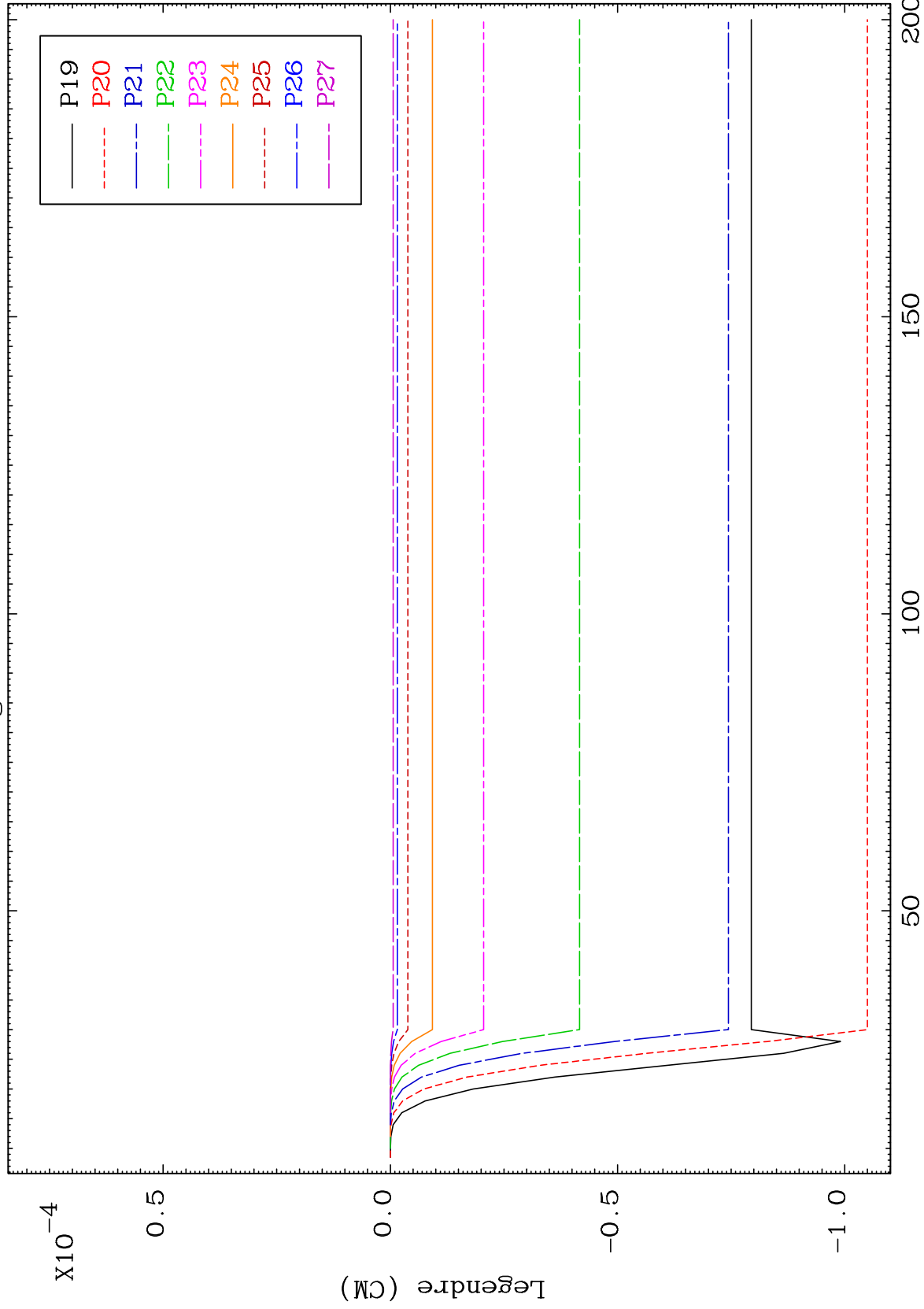
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



74

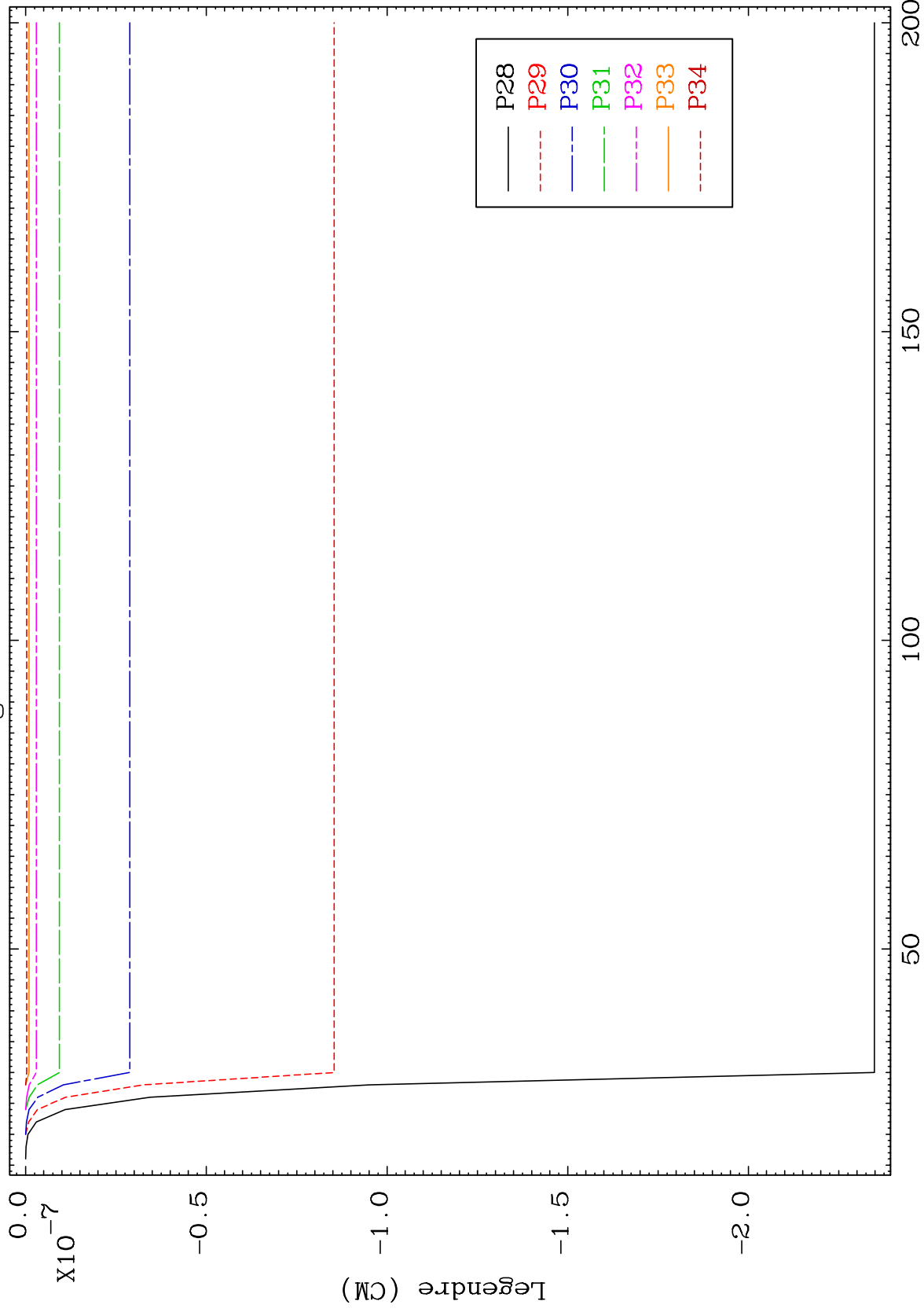
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



75

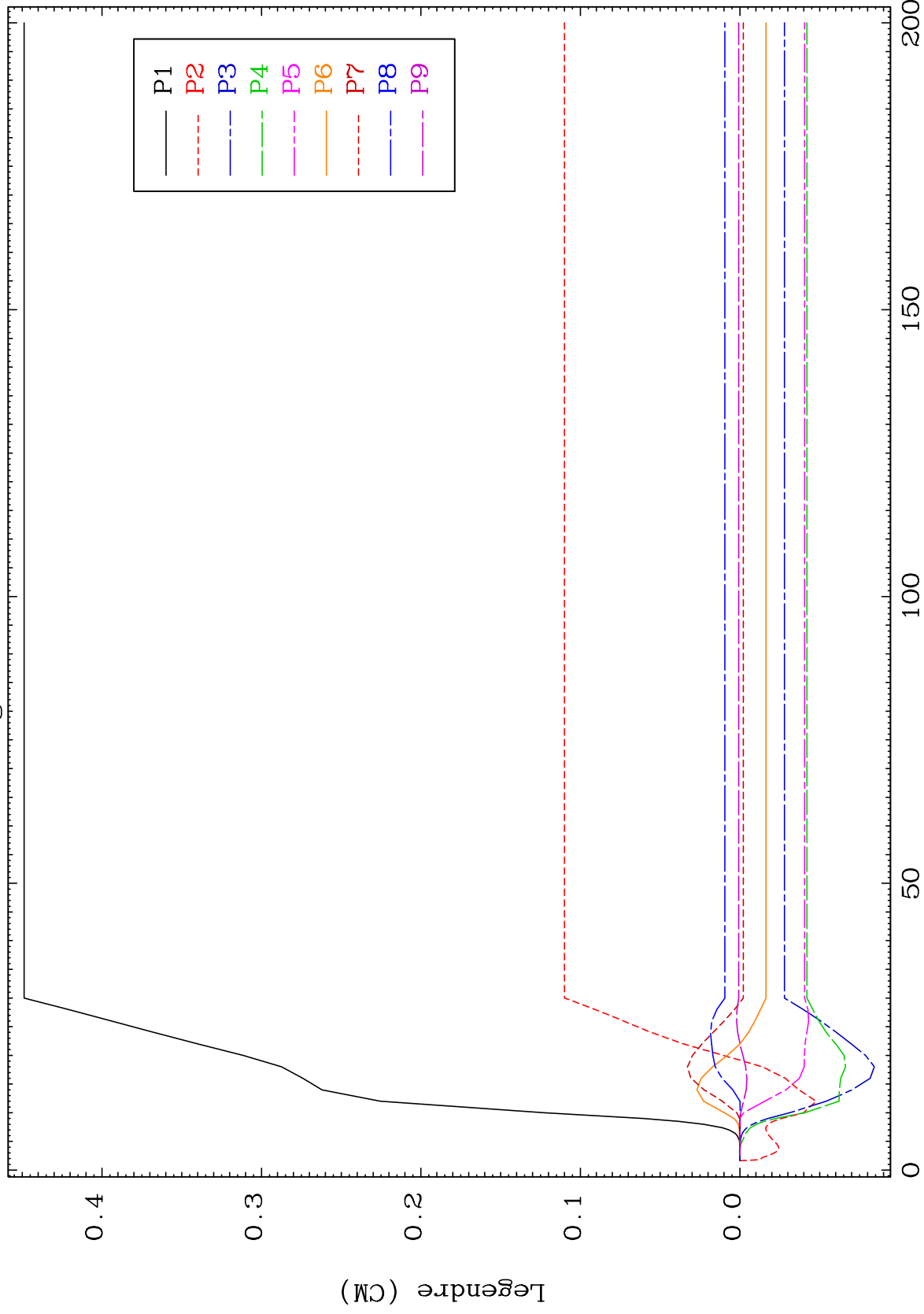
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



76

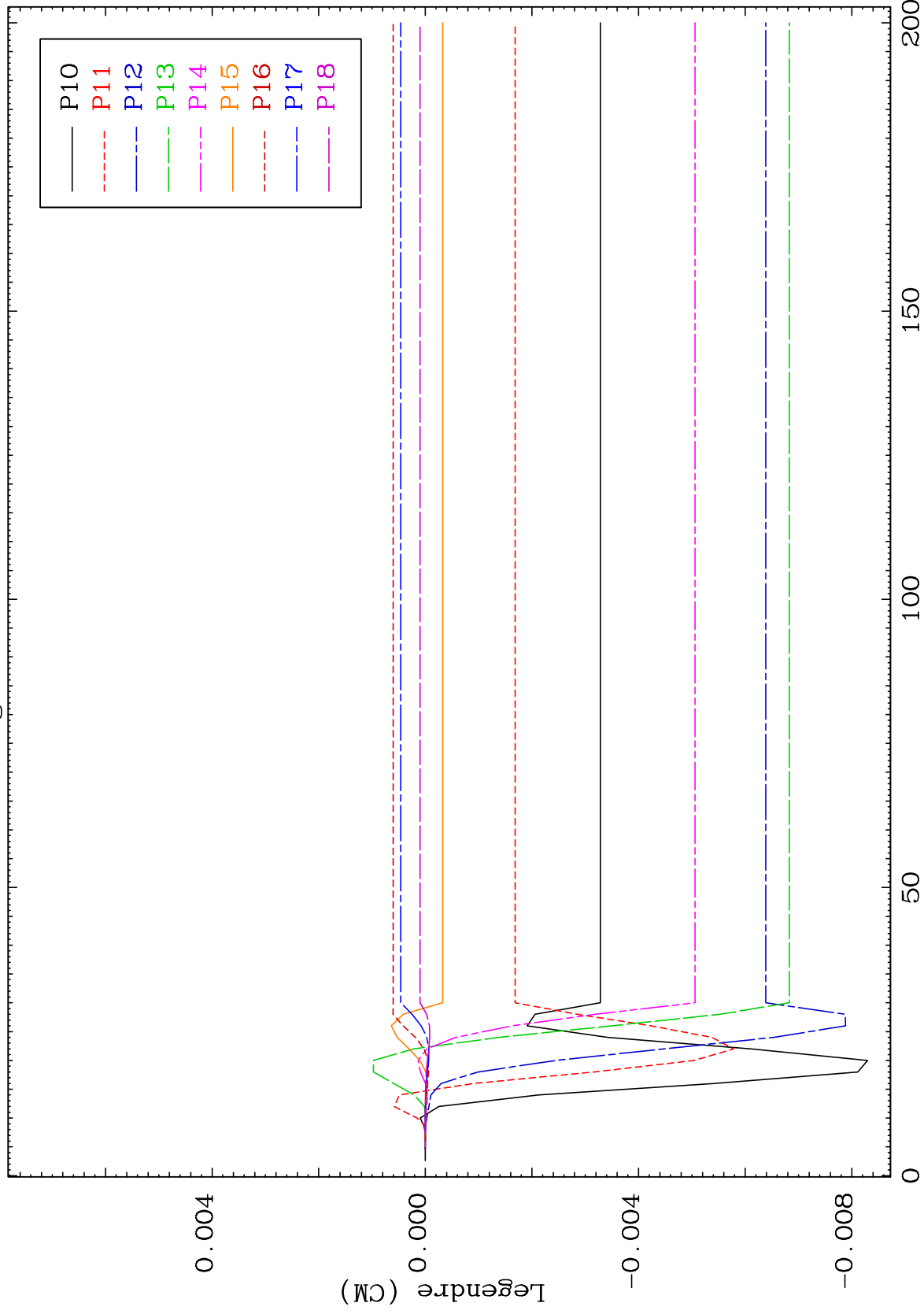
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



77

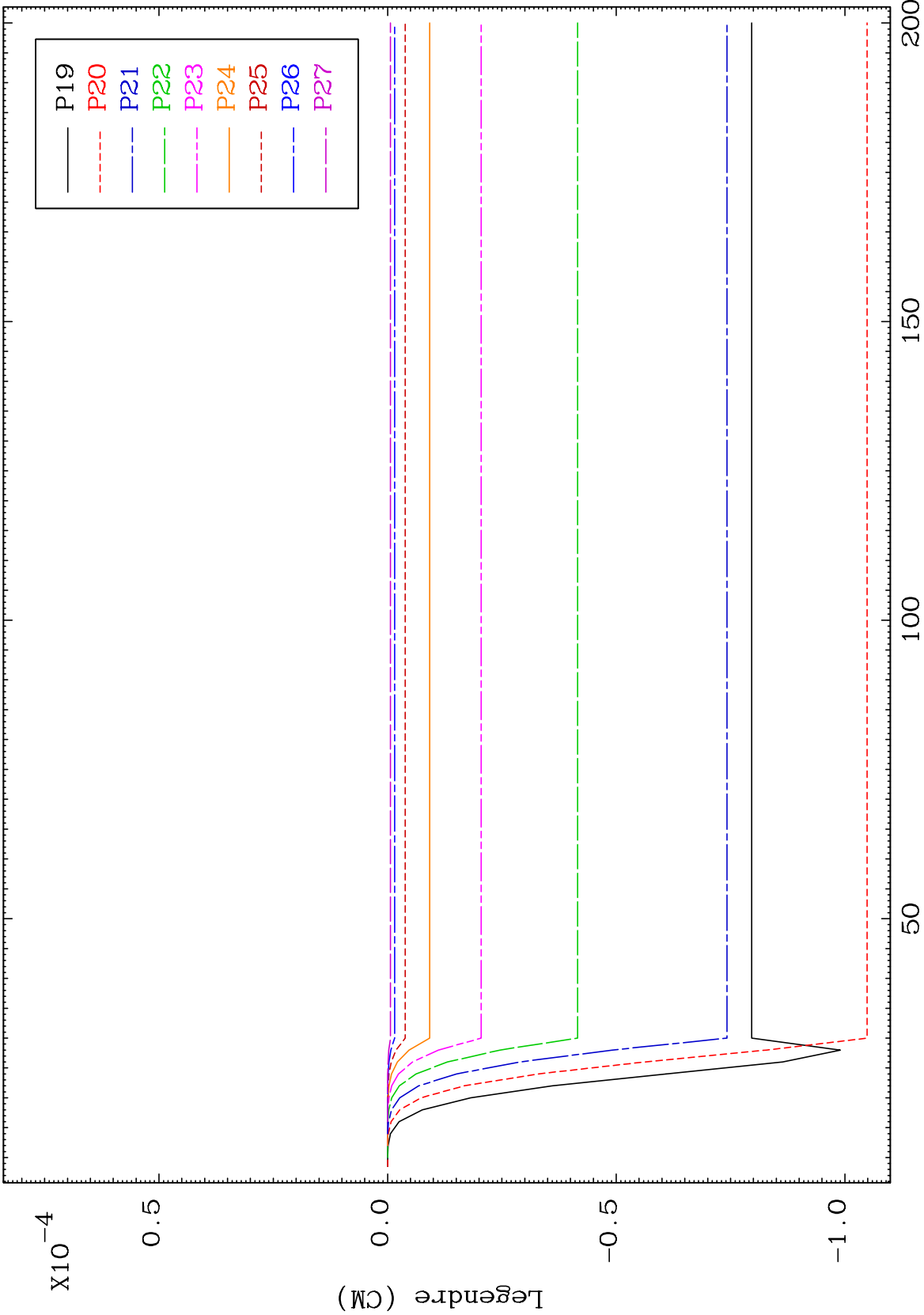
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



78

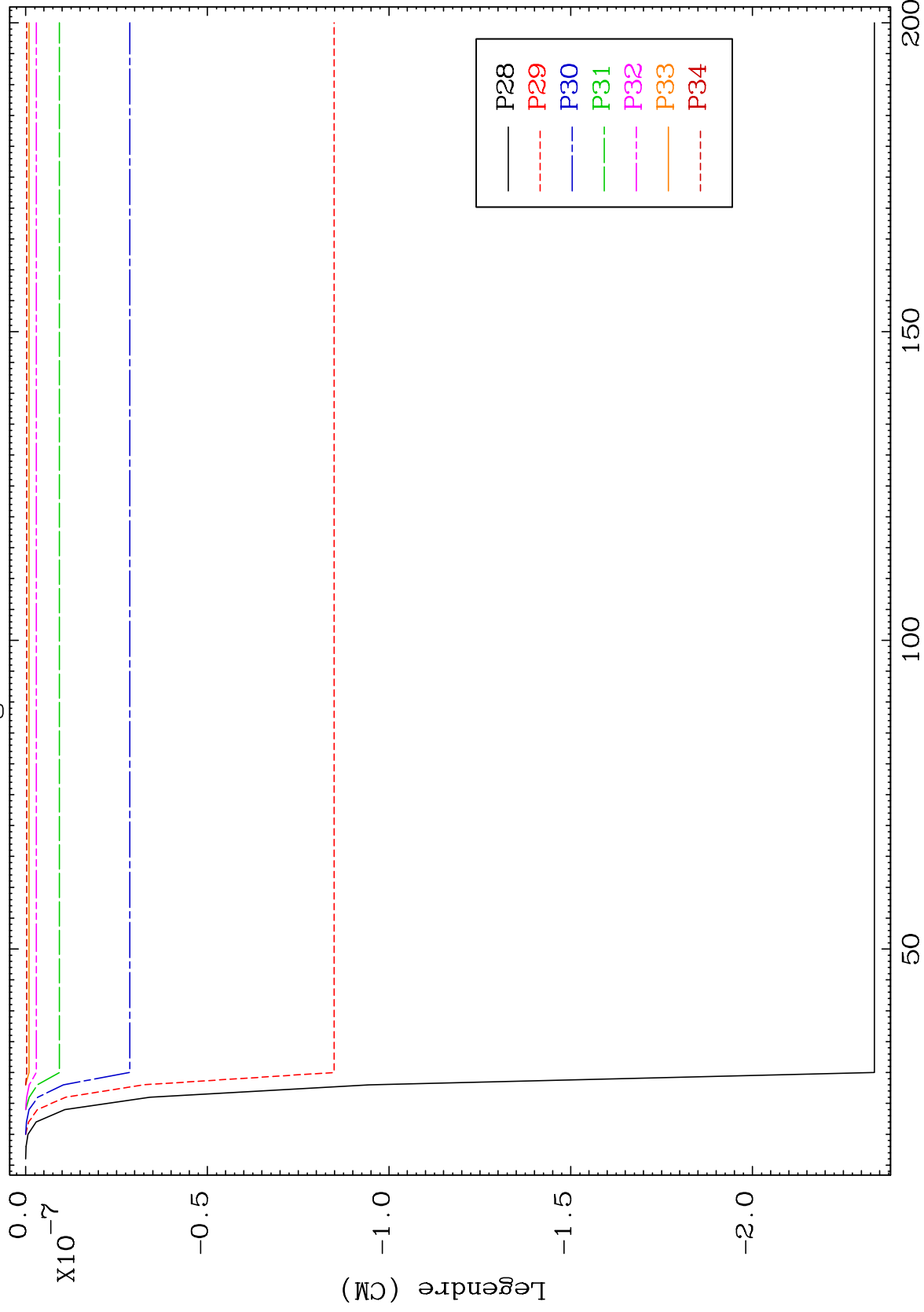
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



79

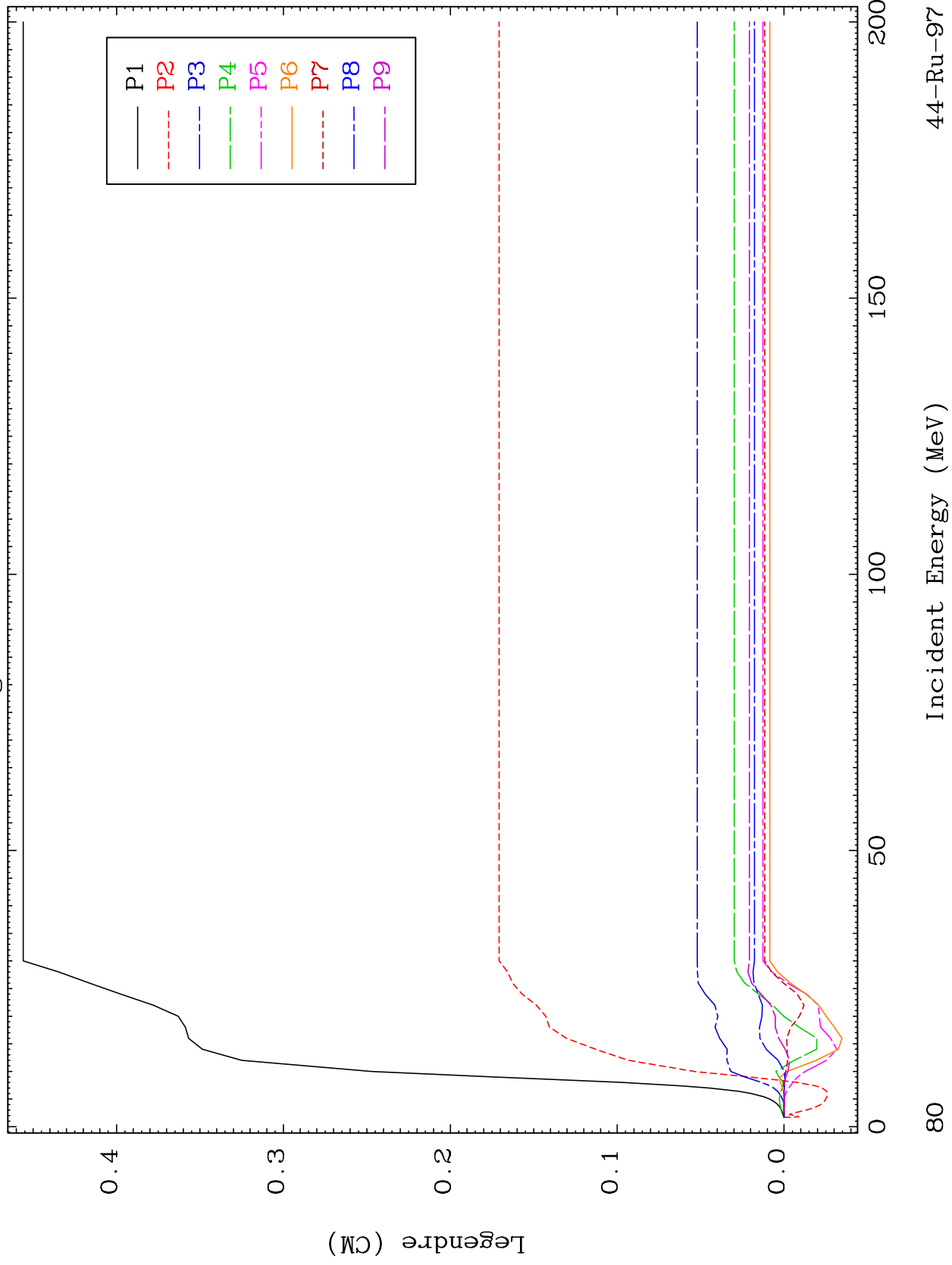
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

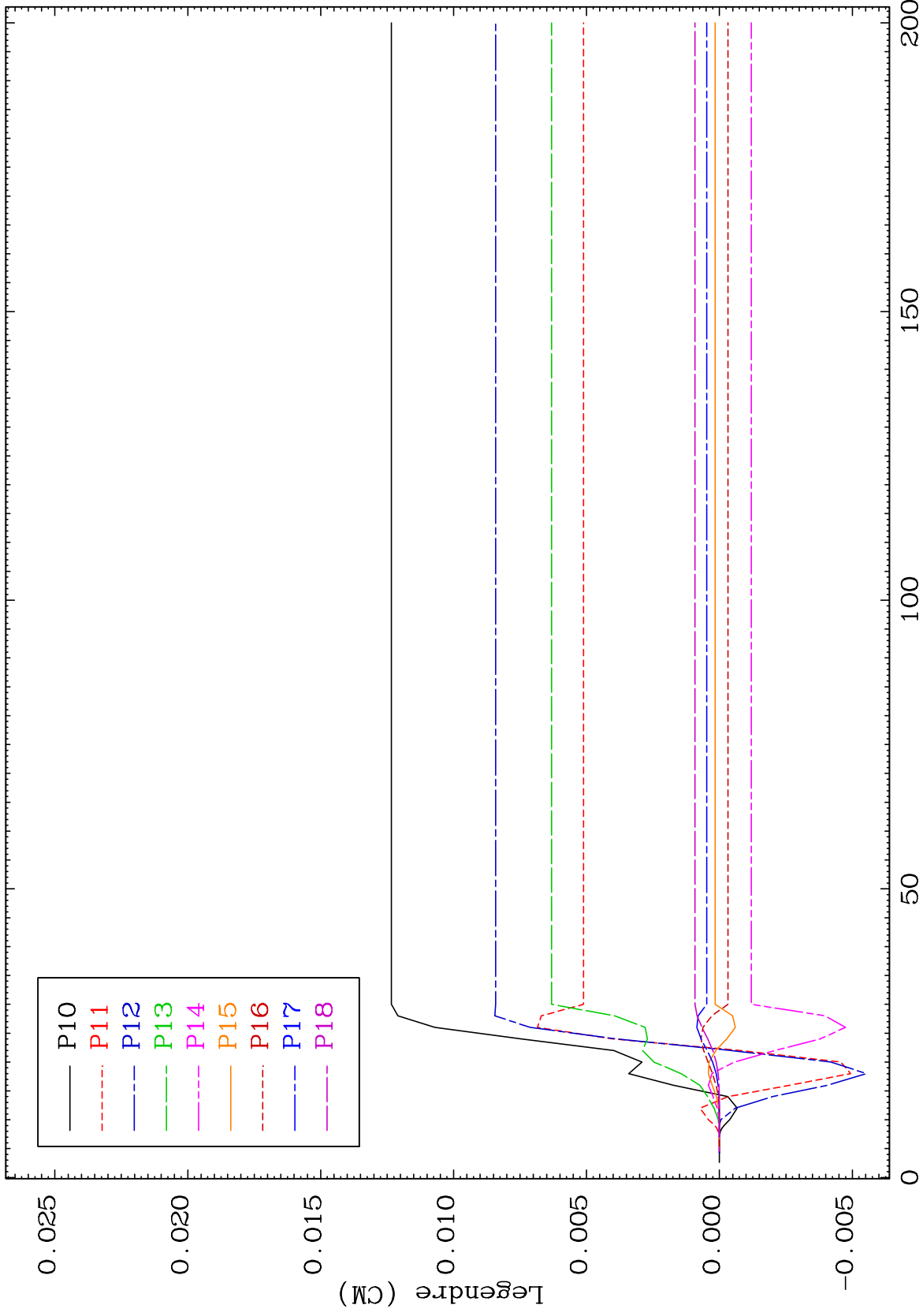
44-Ru-97



44-Ru-97

Incident Energy (MeV)

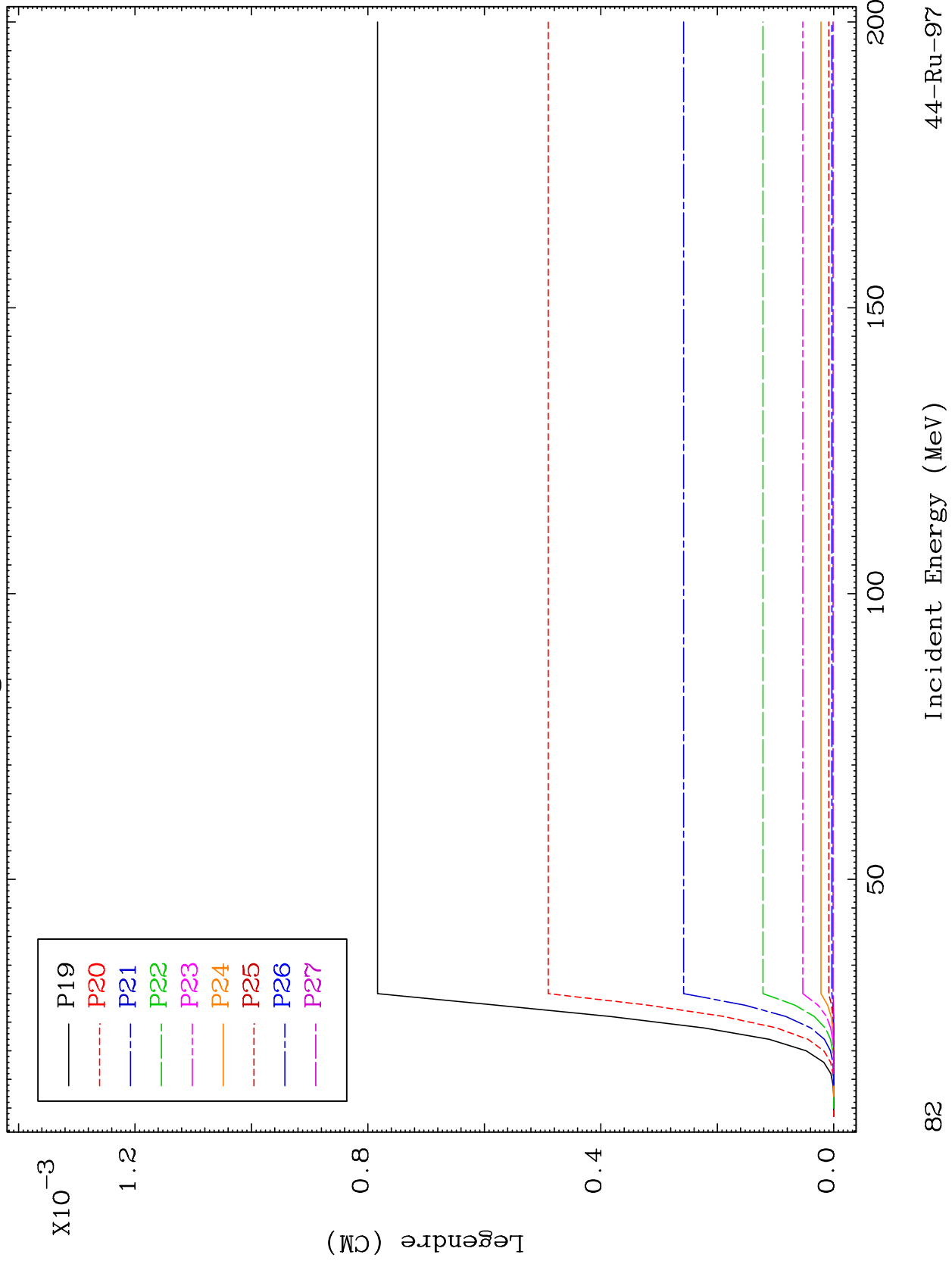
80



MAT 4428

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

44-Ru-97



82

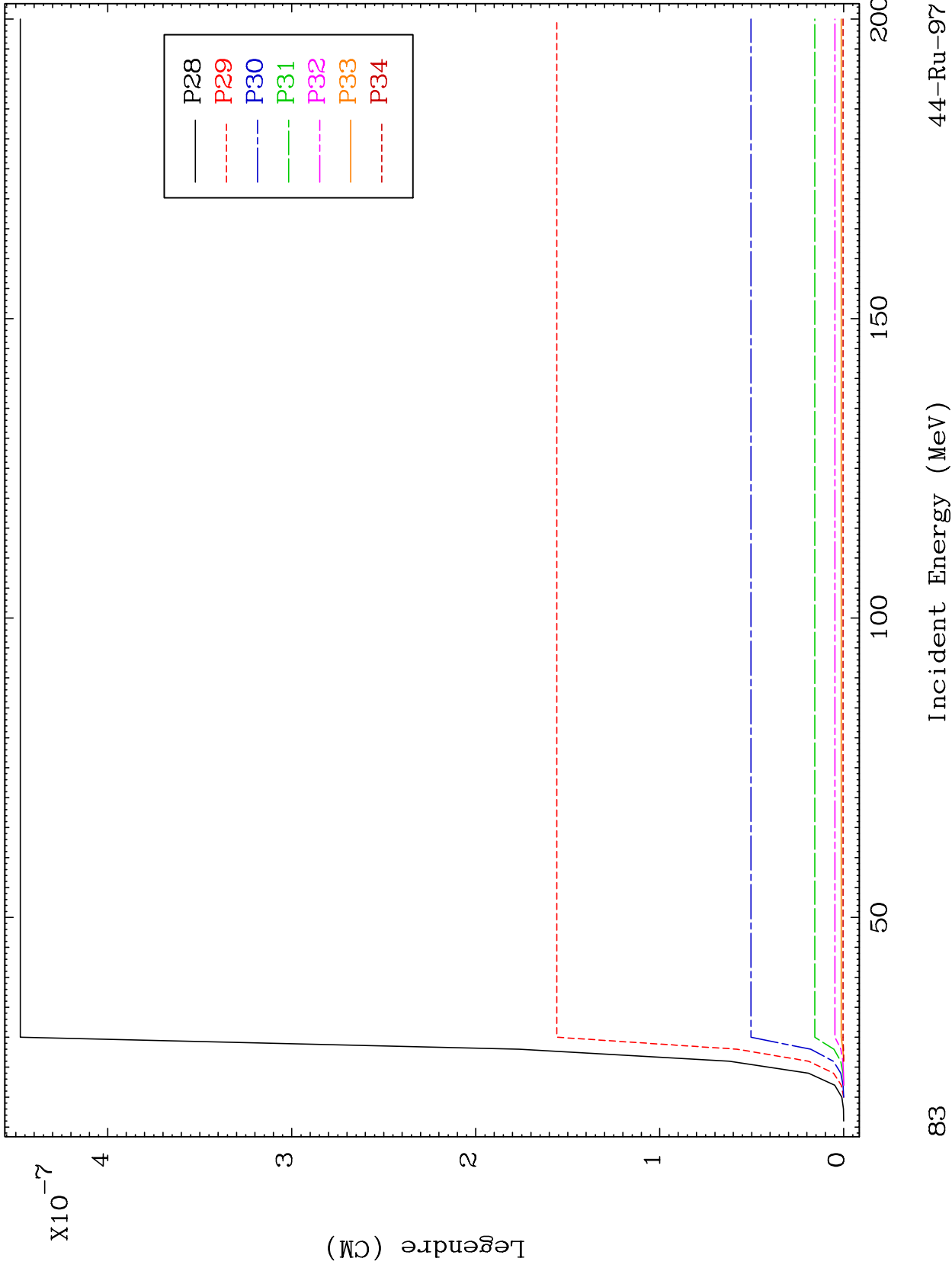
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



83

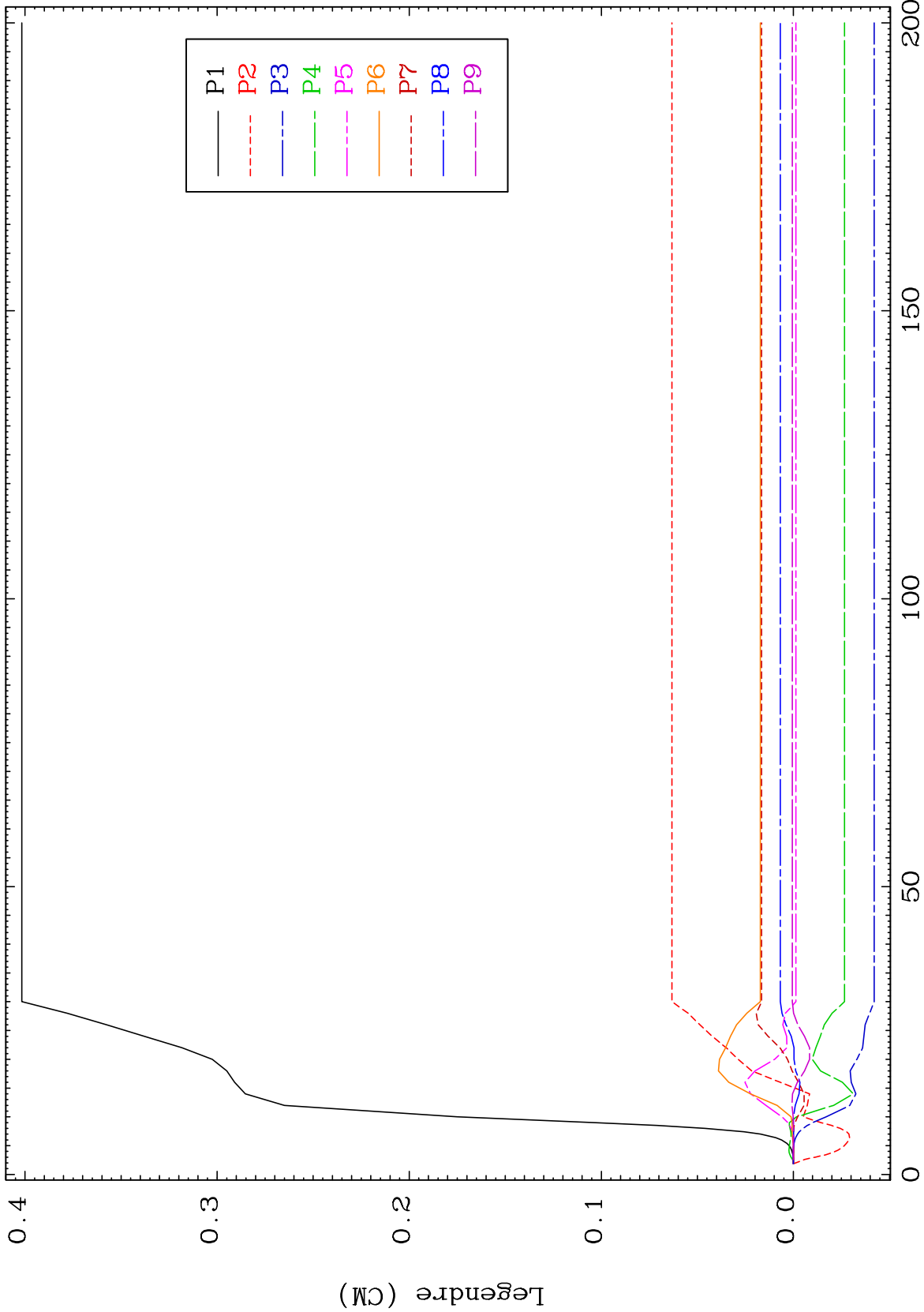
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



84

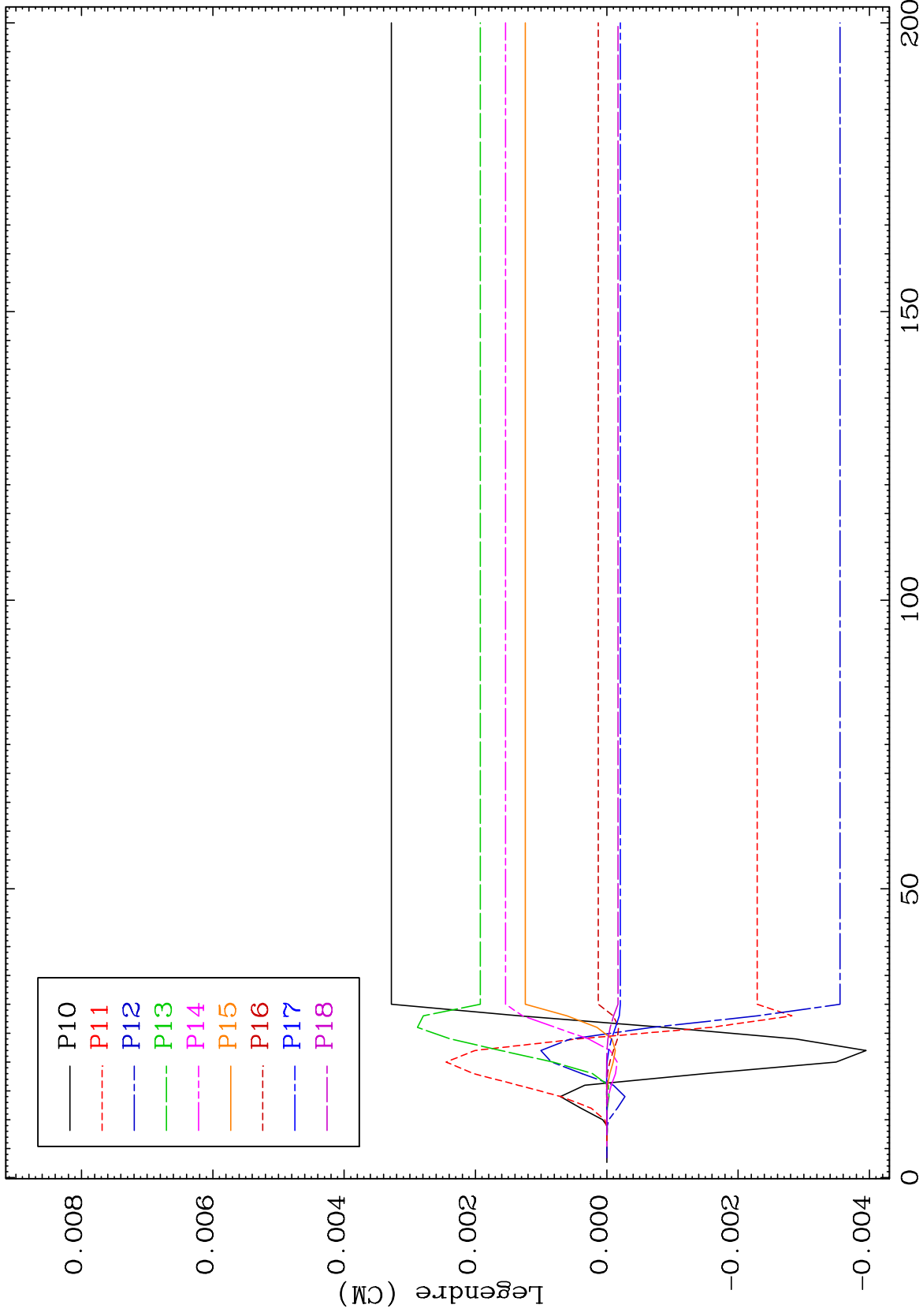
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

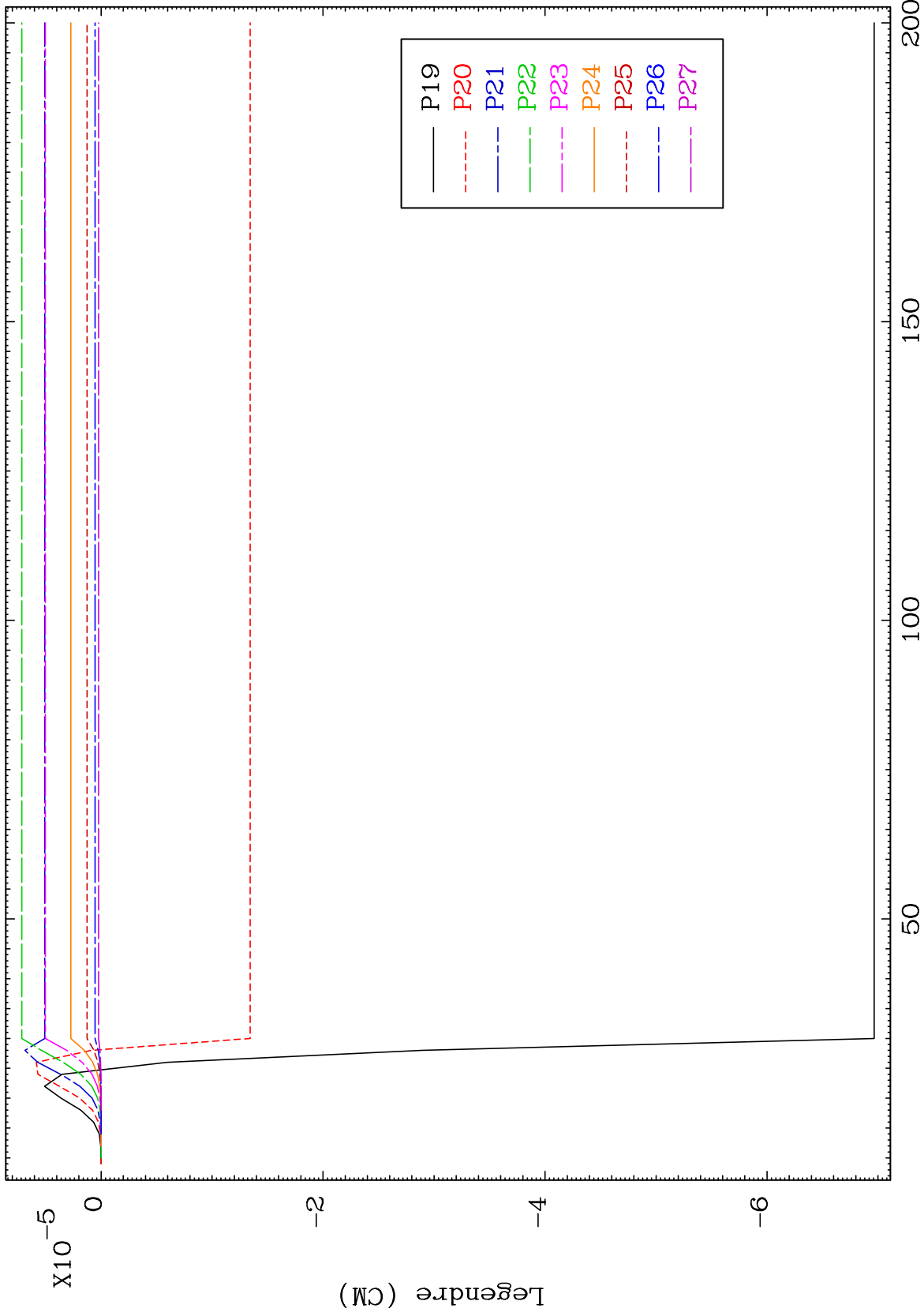
44-Ru-97



85

Incident Energy (MeV)

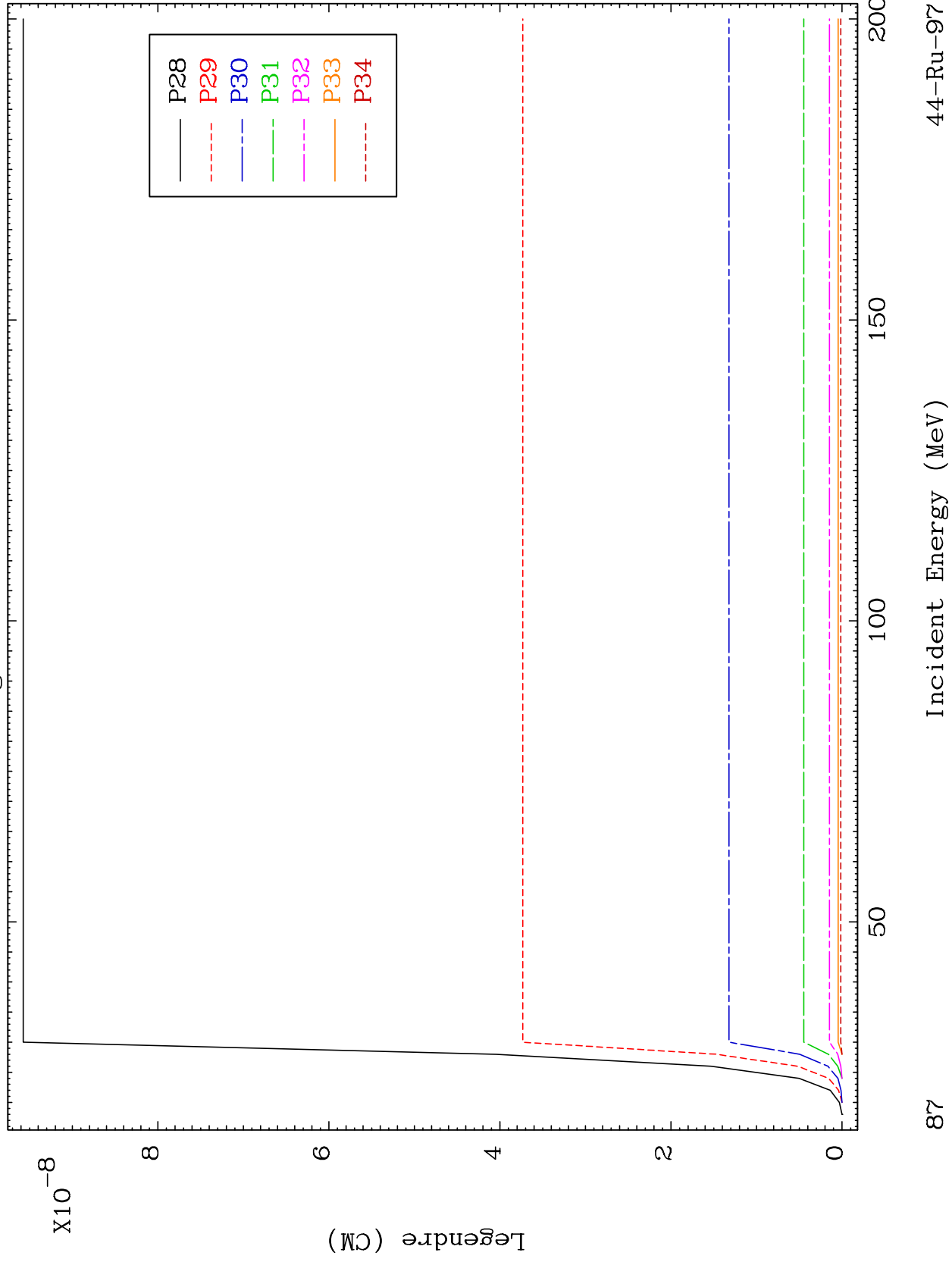
44-Ru-97



MAT 4428

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

44-Ru-97

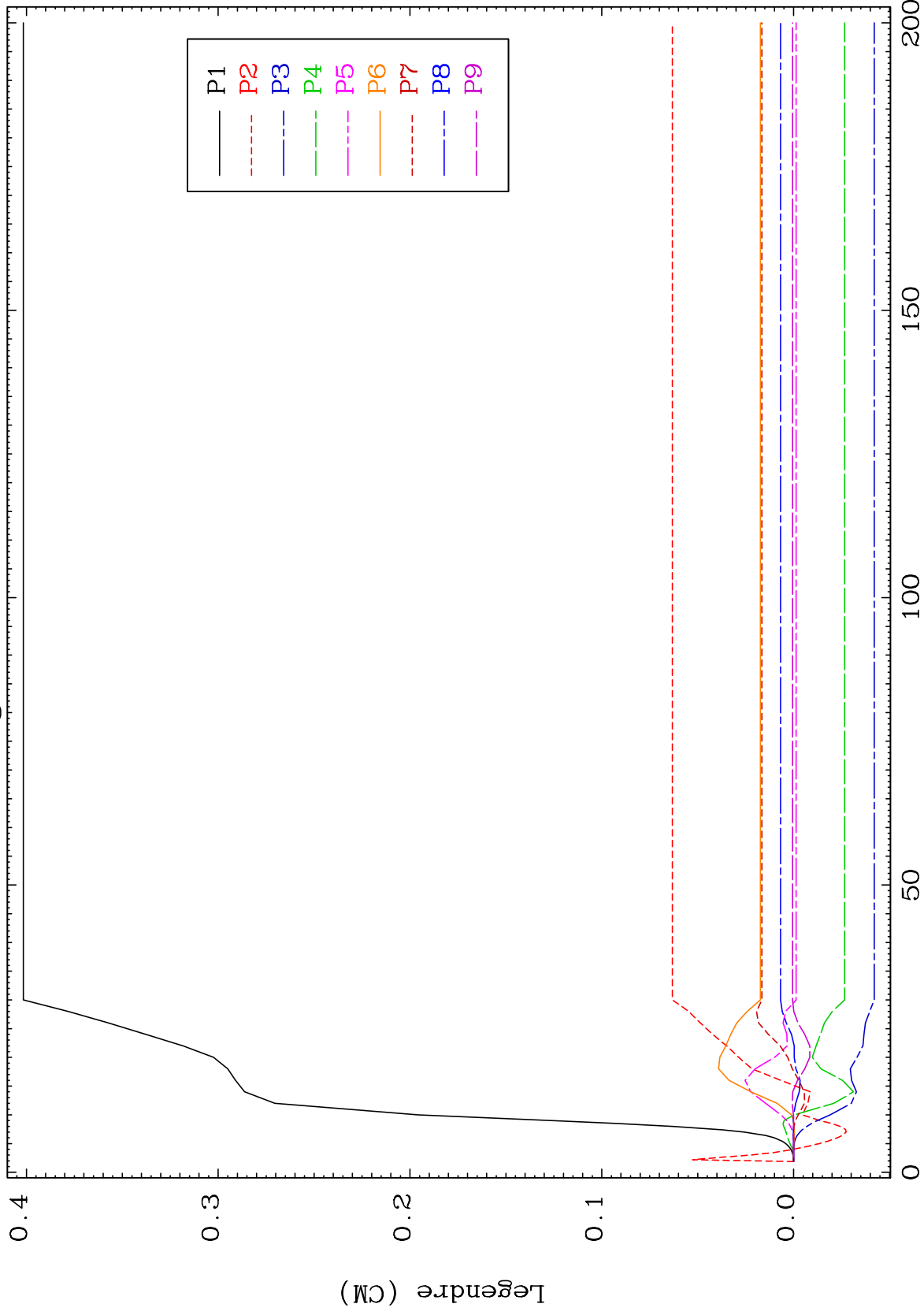


87

MAT 4428

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

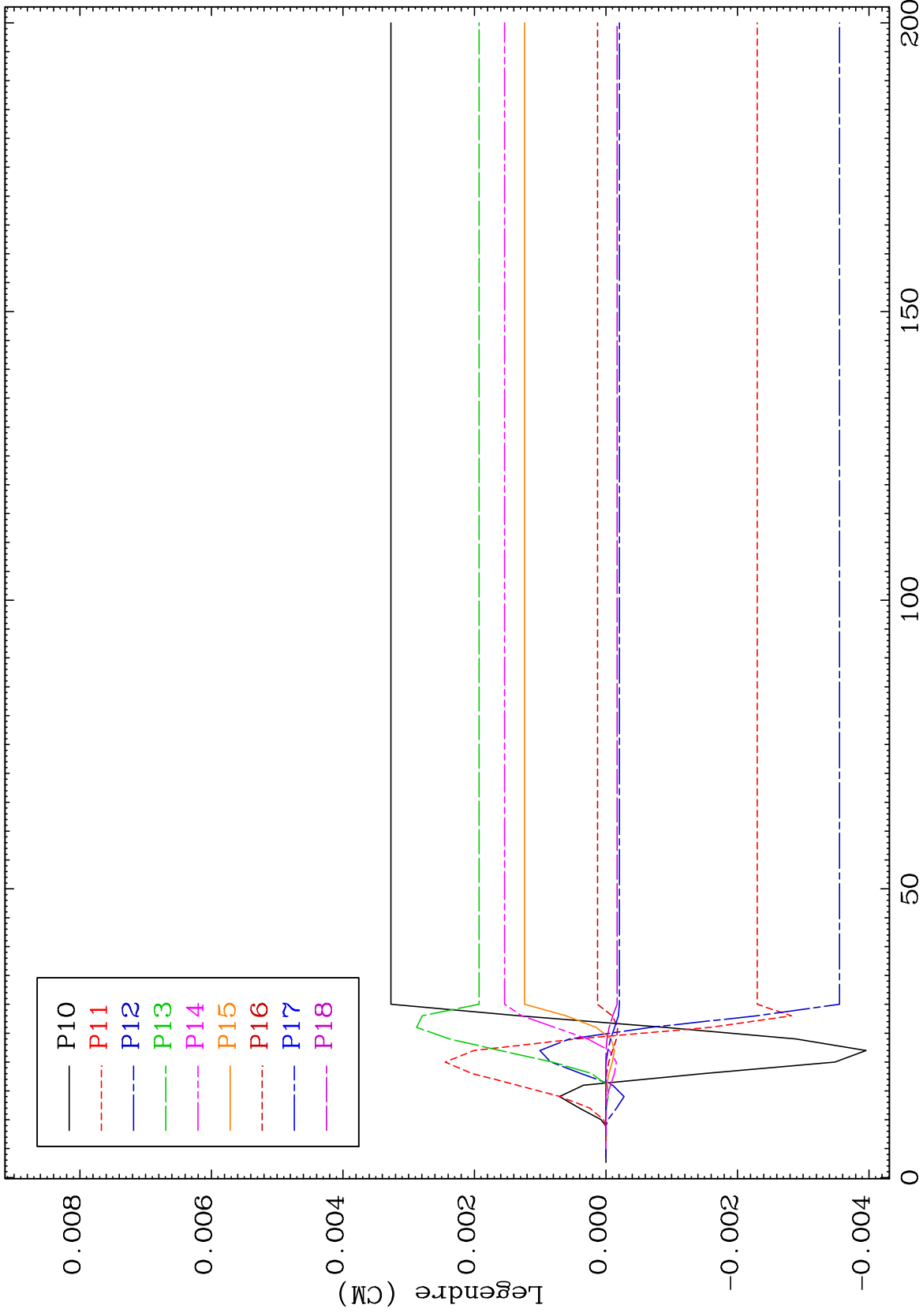
44-Ru-97



44-Ru-97

Incident Energy (MeV)

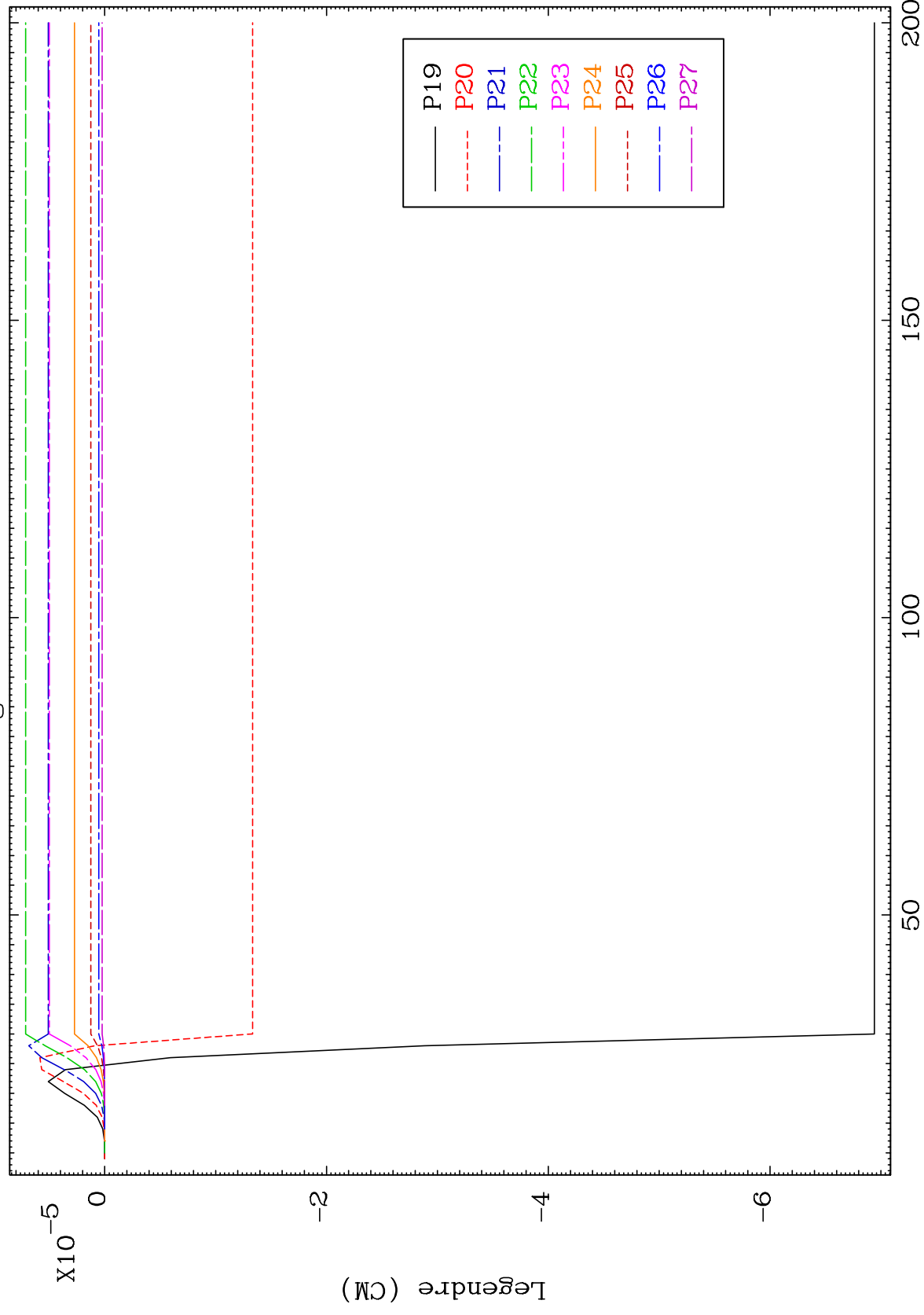
88



MAT 4428

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

44-Ru-97



90

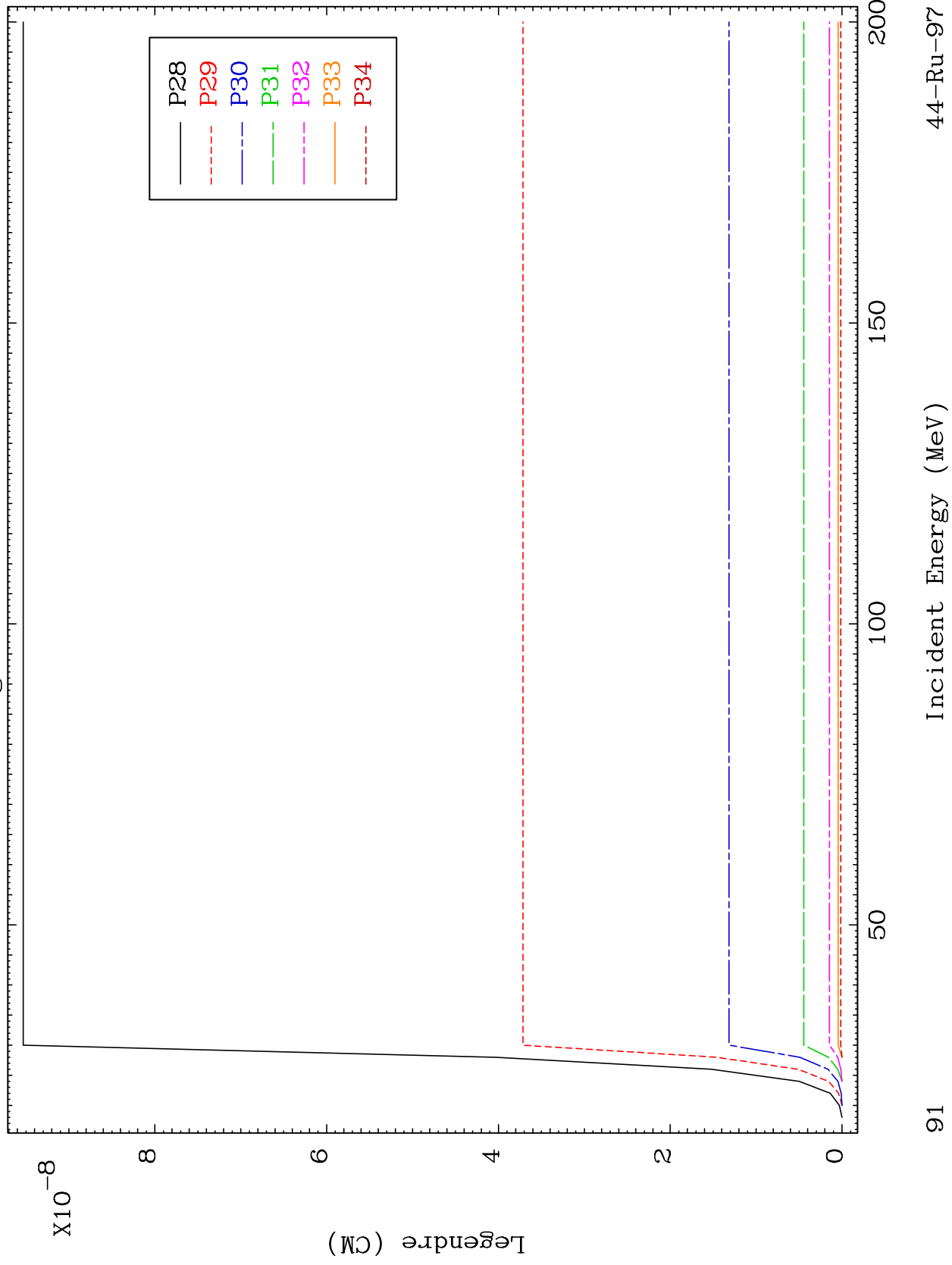
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



91

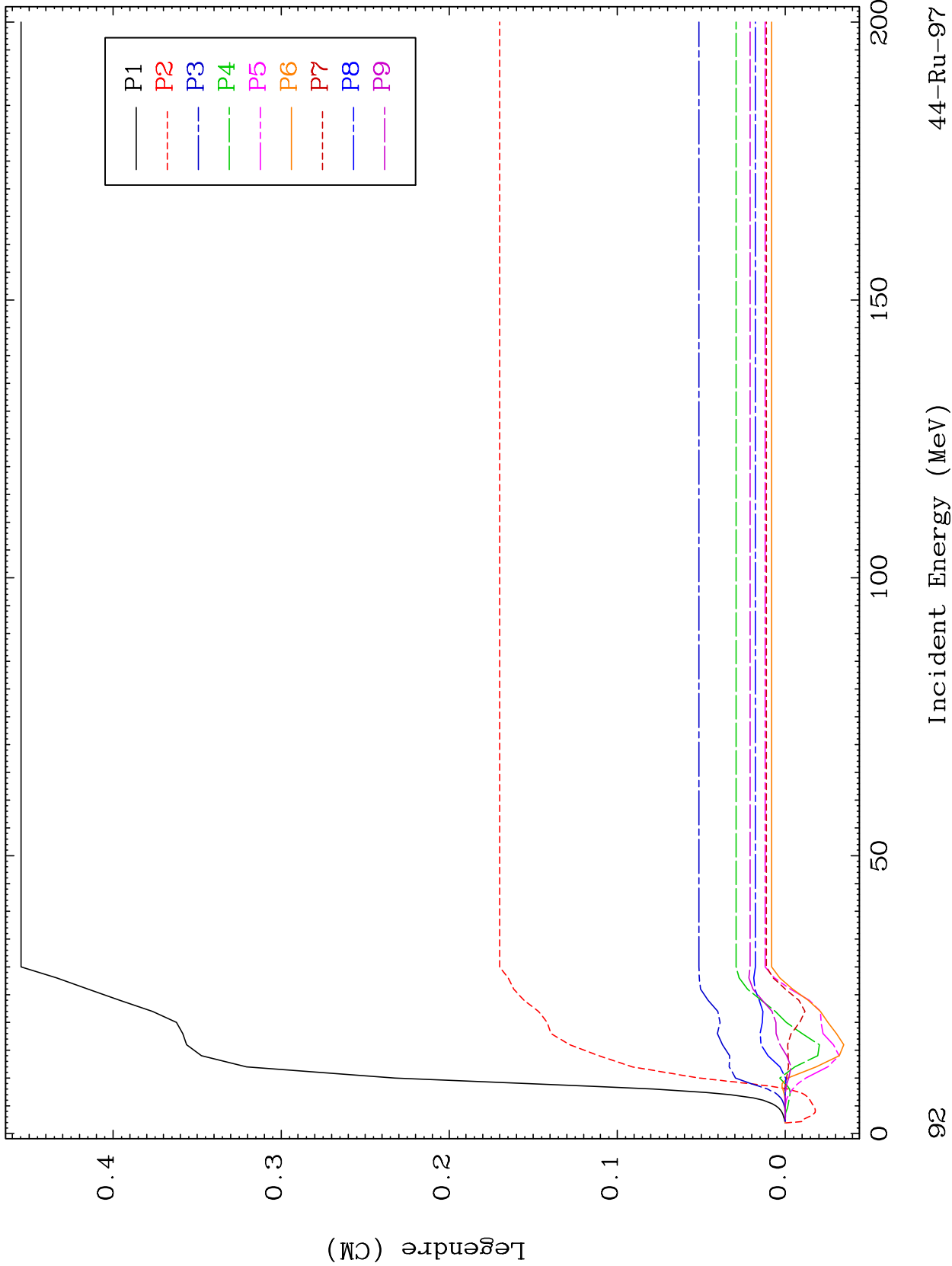
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



44-Ru-97

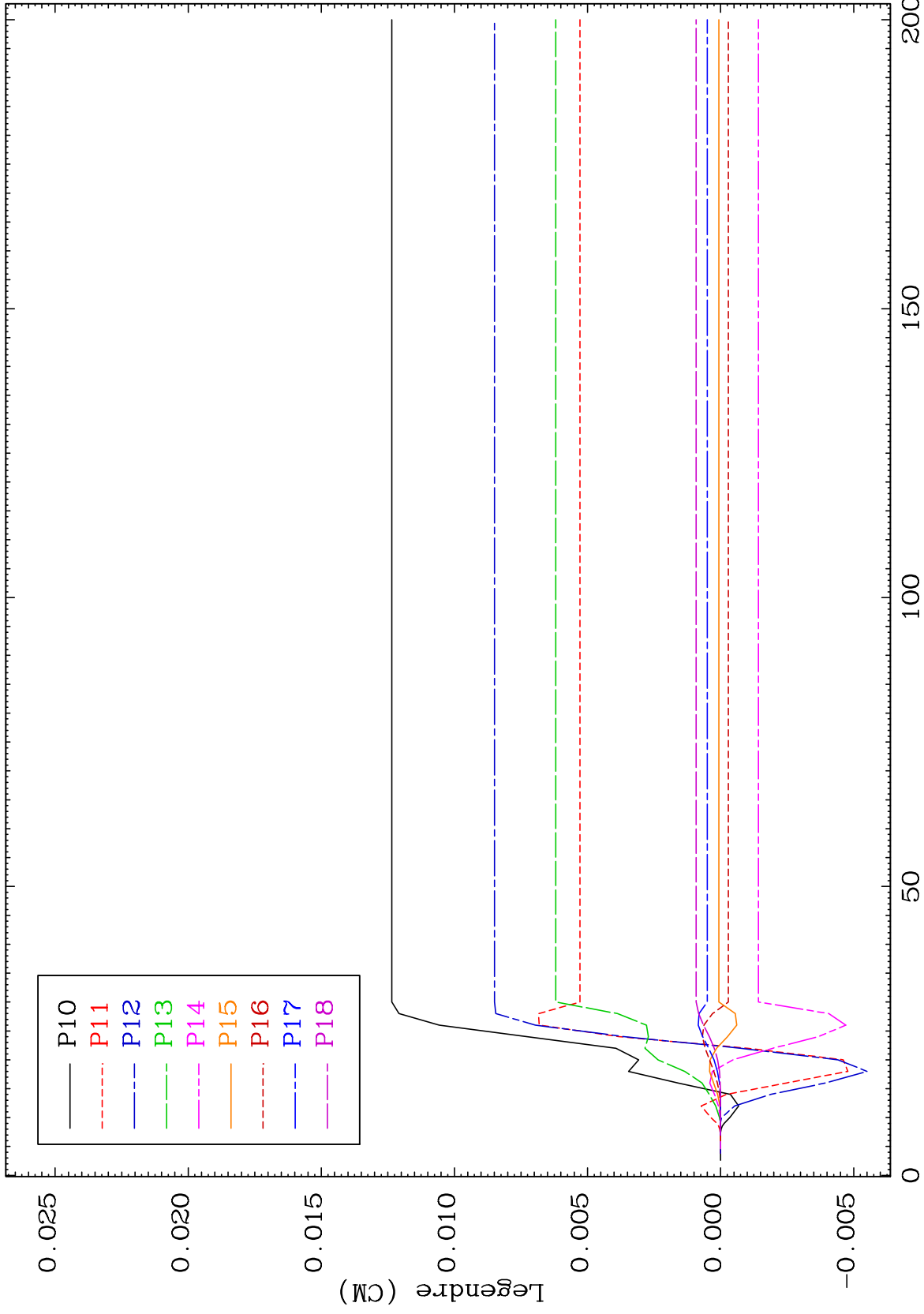
Incident Energy (MeV)

92

MAT 4428

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

44-Ru-97



93

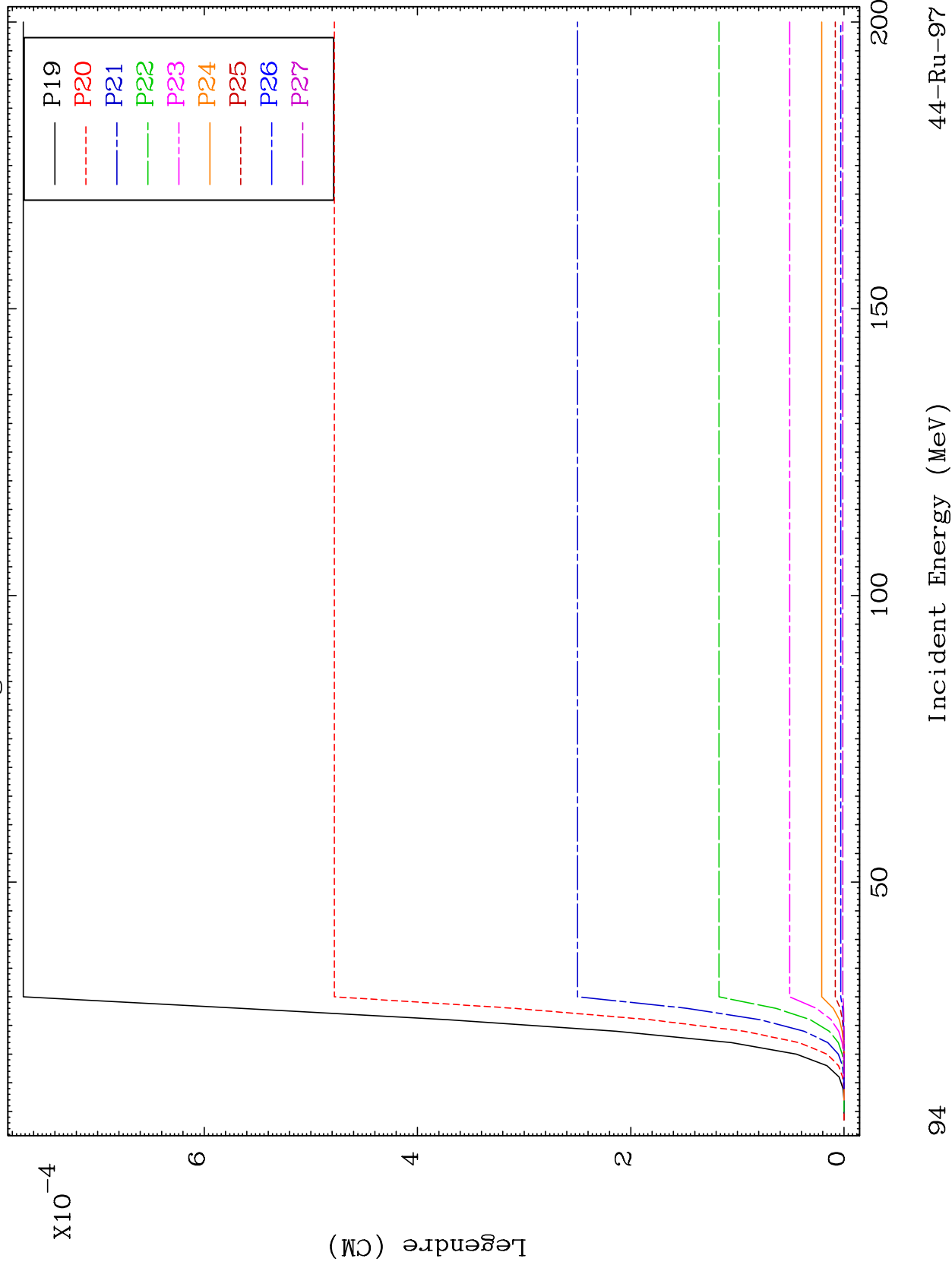
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



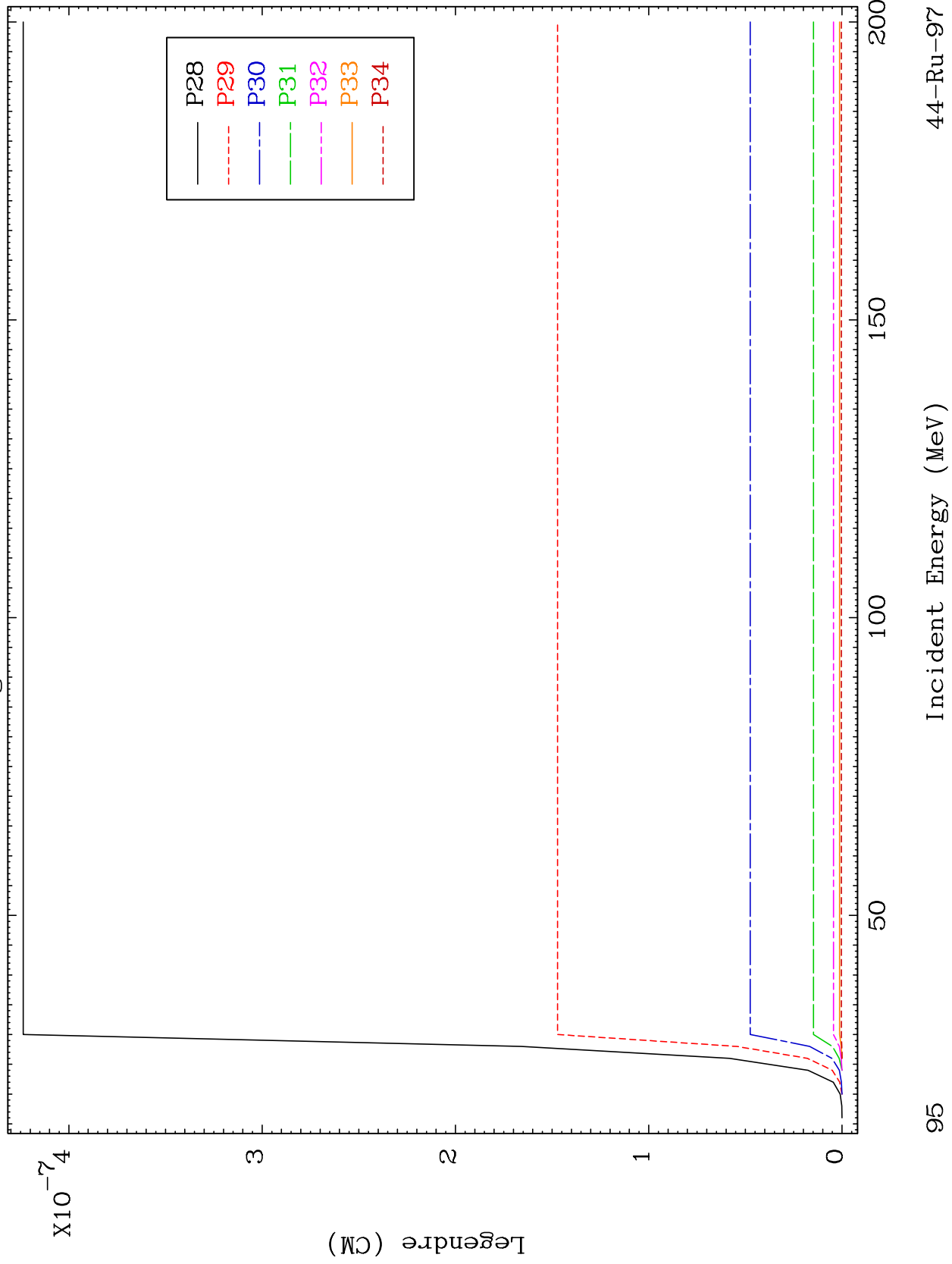
94

44-Ru-97

MAT 4428

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

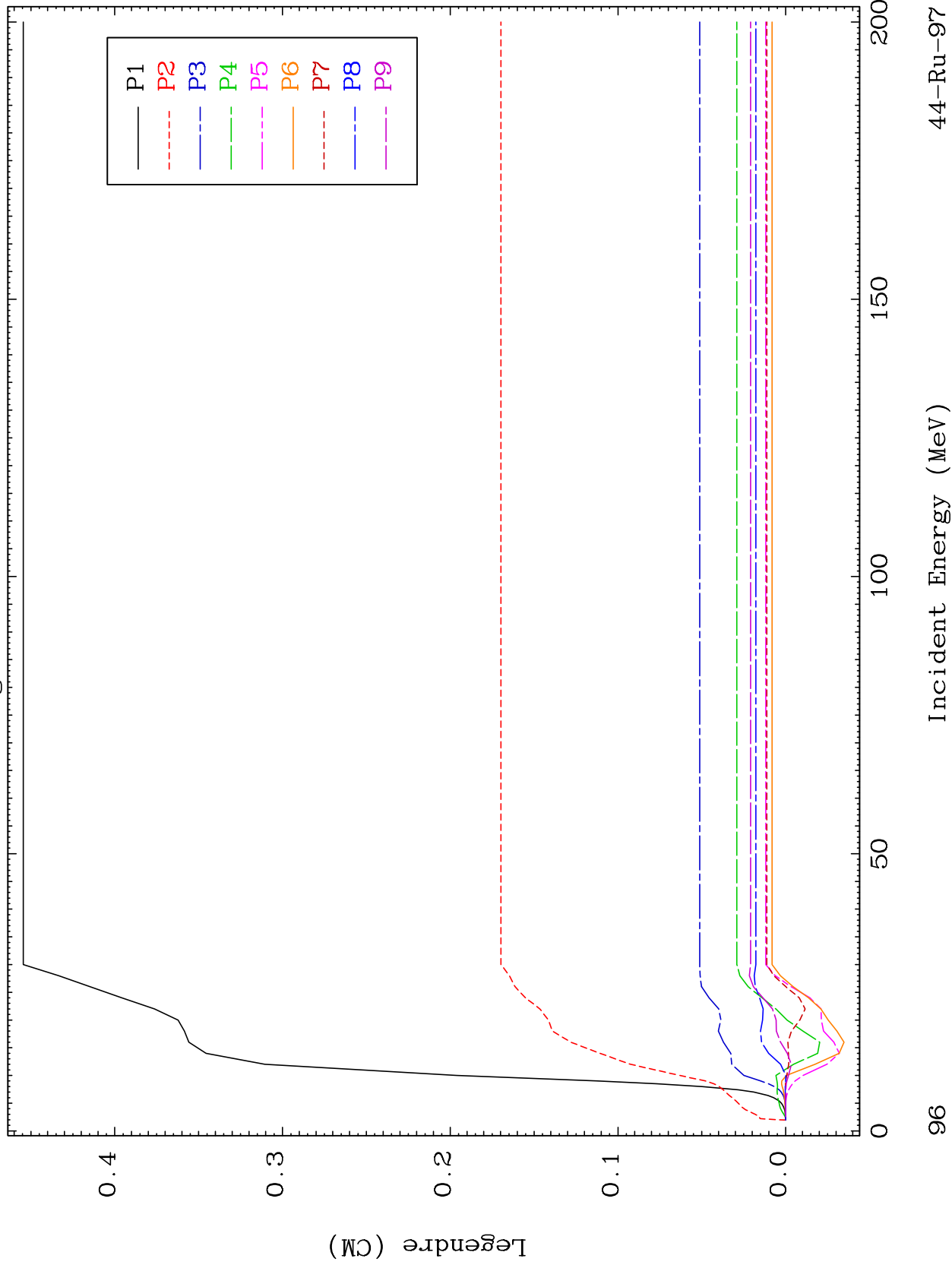
44-Ru-97



MAT 4428

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

44-Ru-97



44-Ru-97

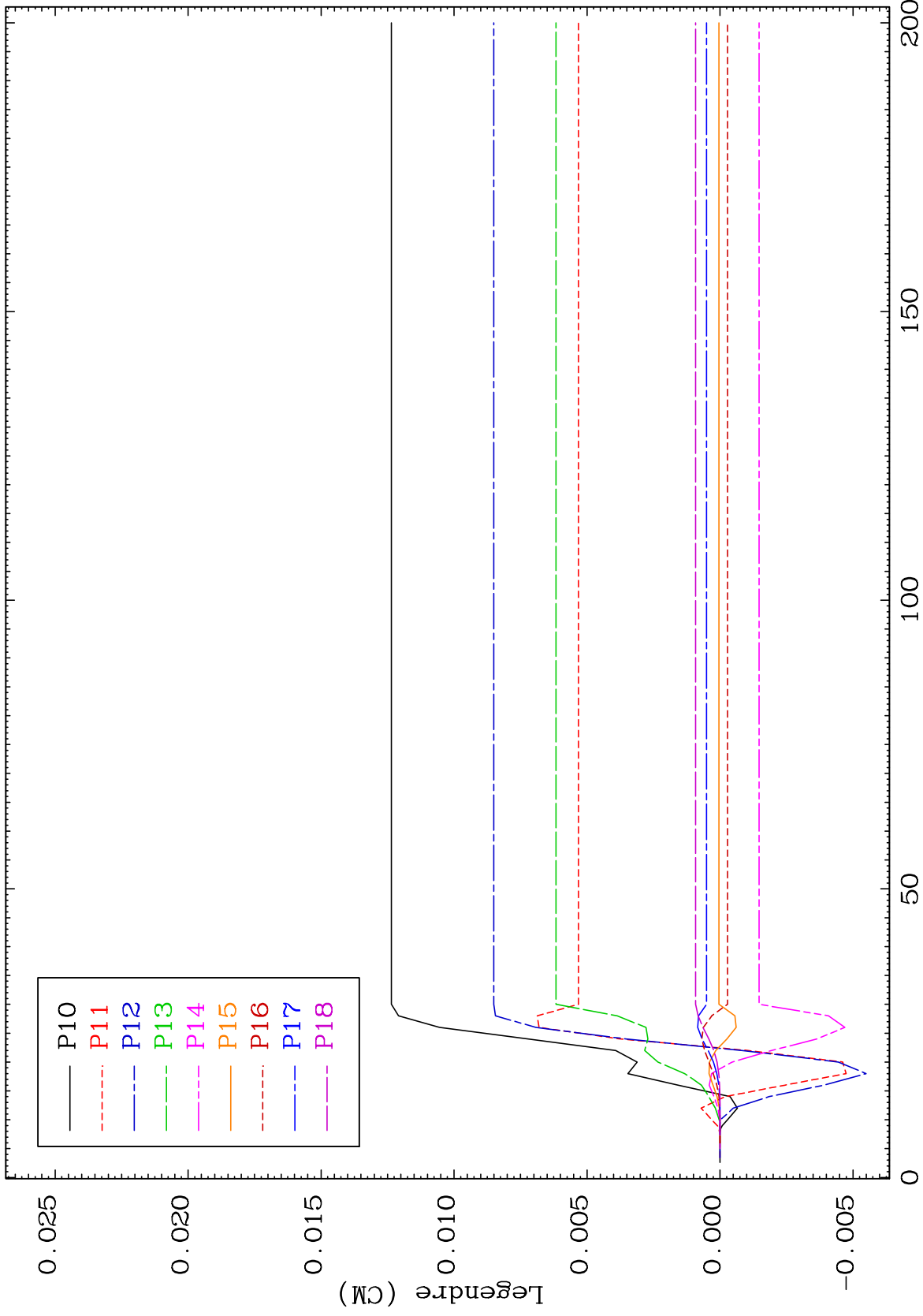
Incident Energy (MeV)

96

MAT 4428

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

44-Ru-97



97

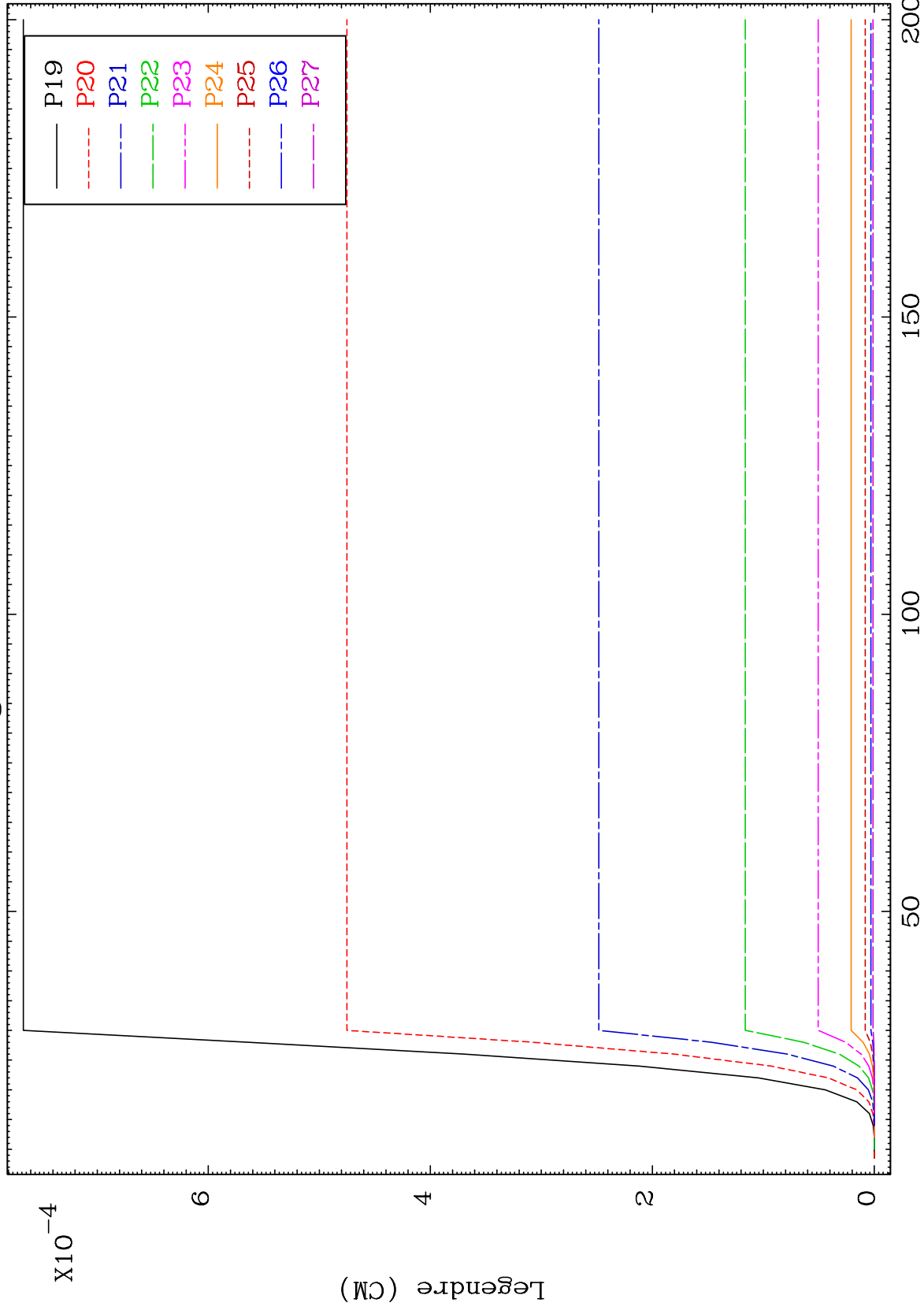
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



98

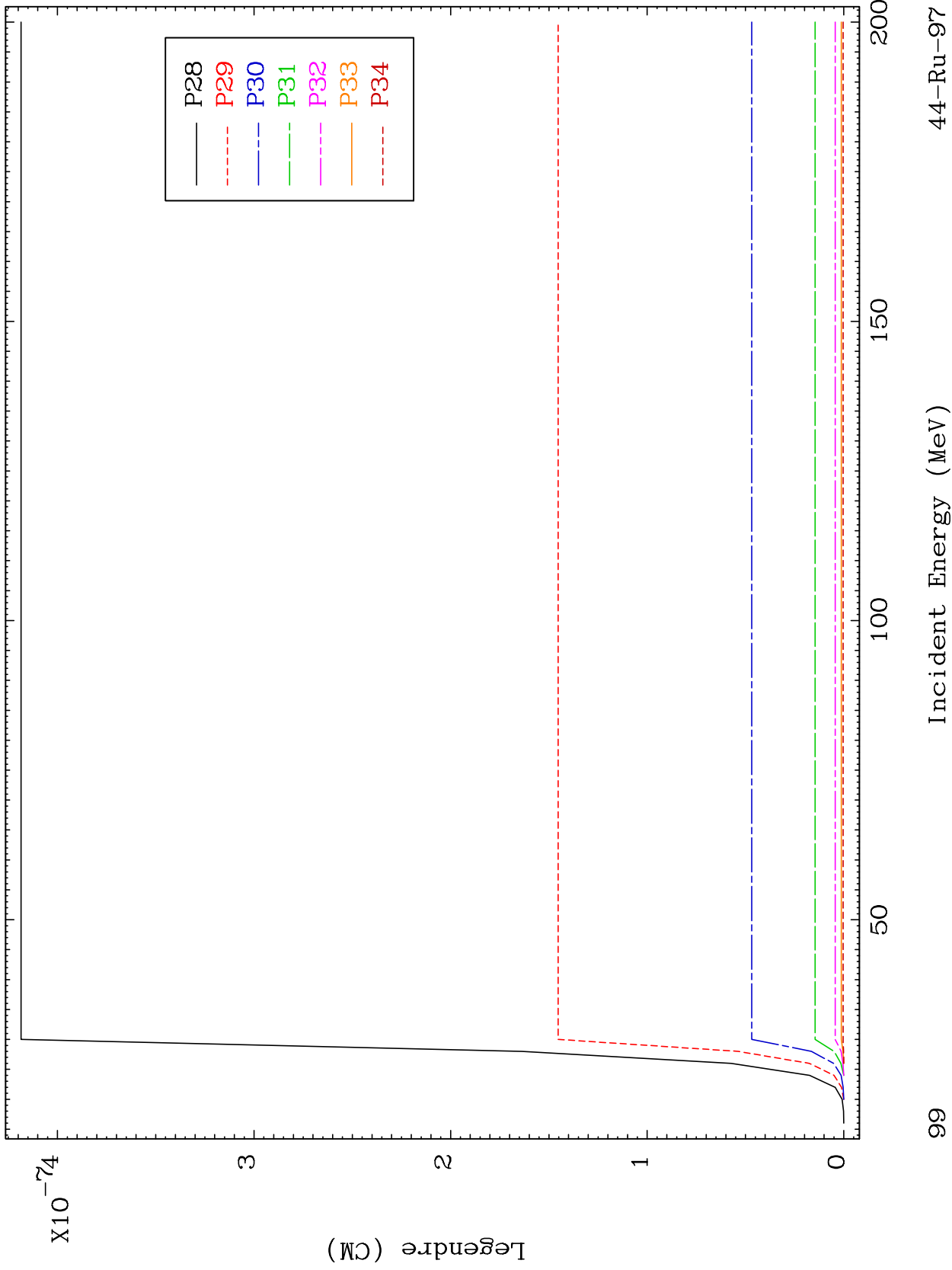
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

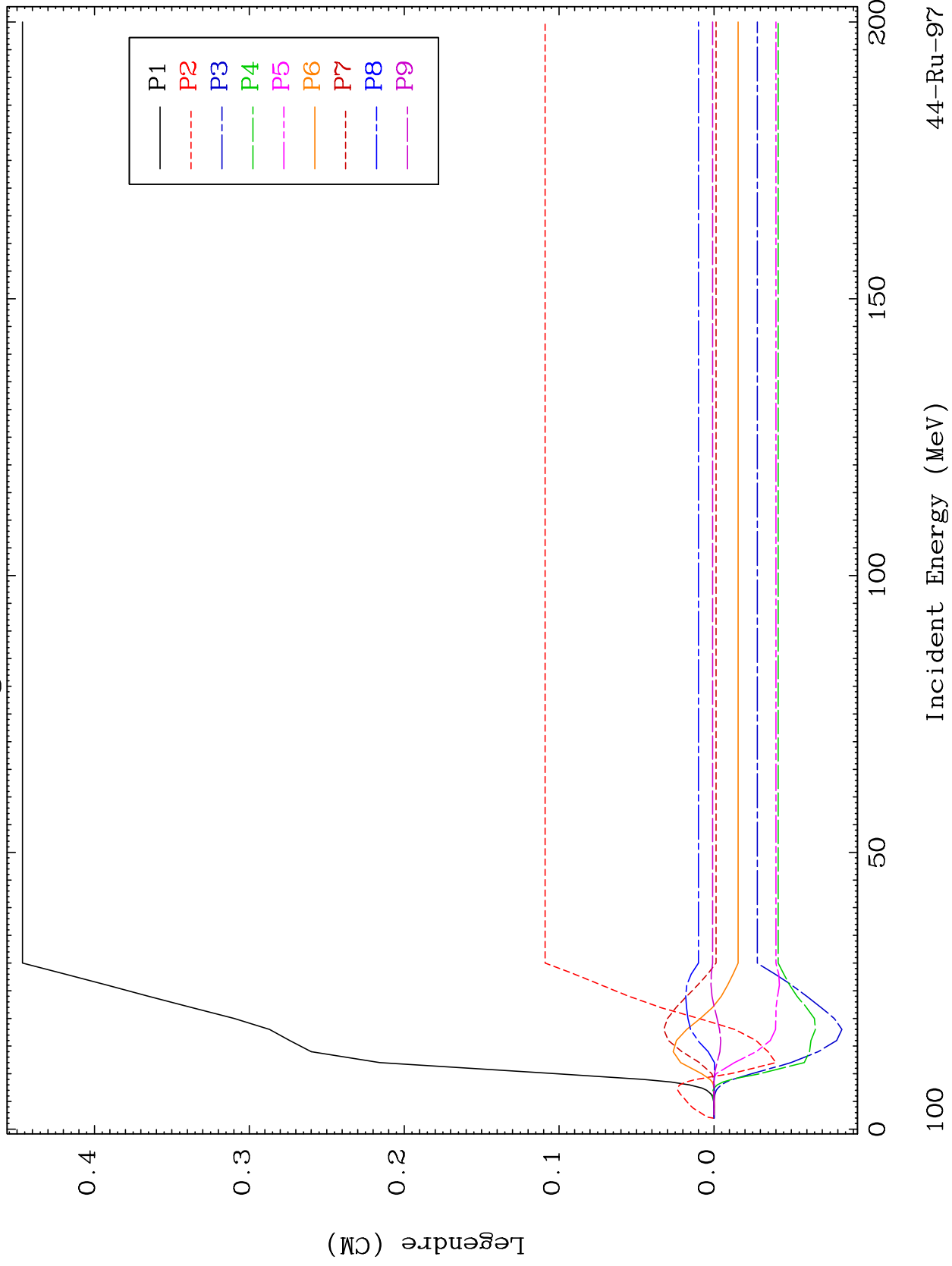
44-Ru-97



MAT 4428

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

44-Ru-97

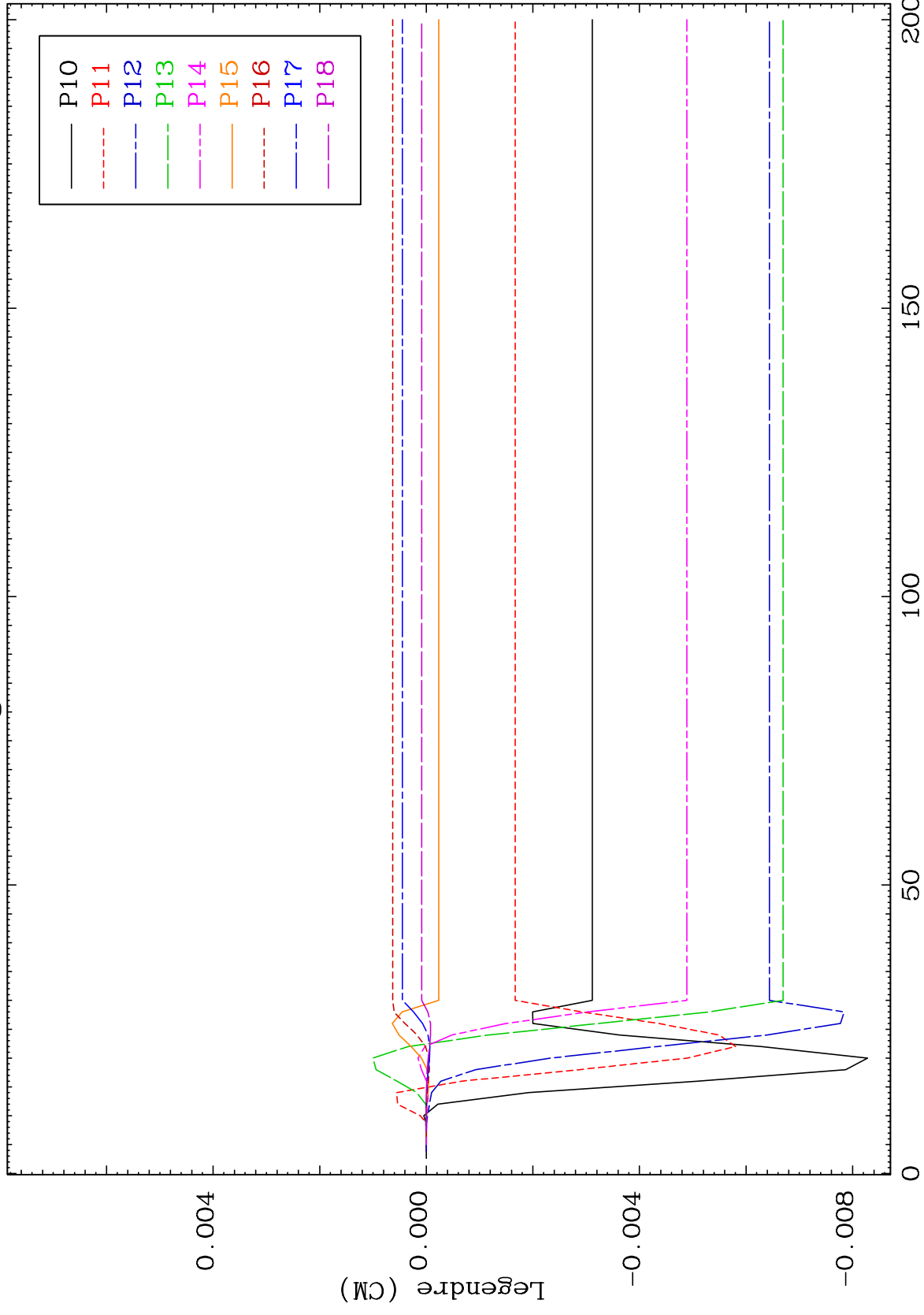


44-Ru-97

MAT 4428

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

44-Ru-97



101

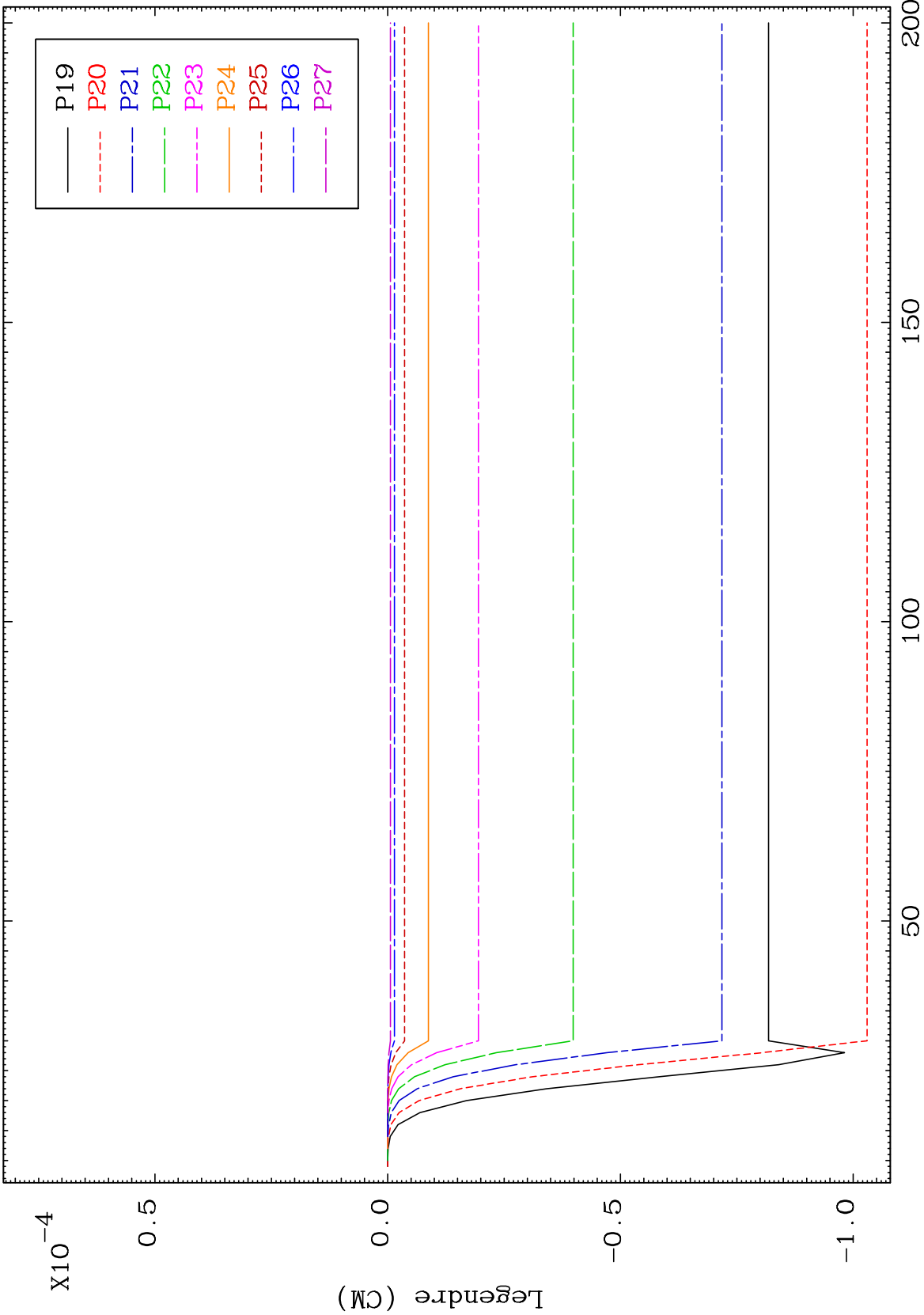
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

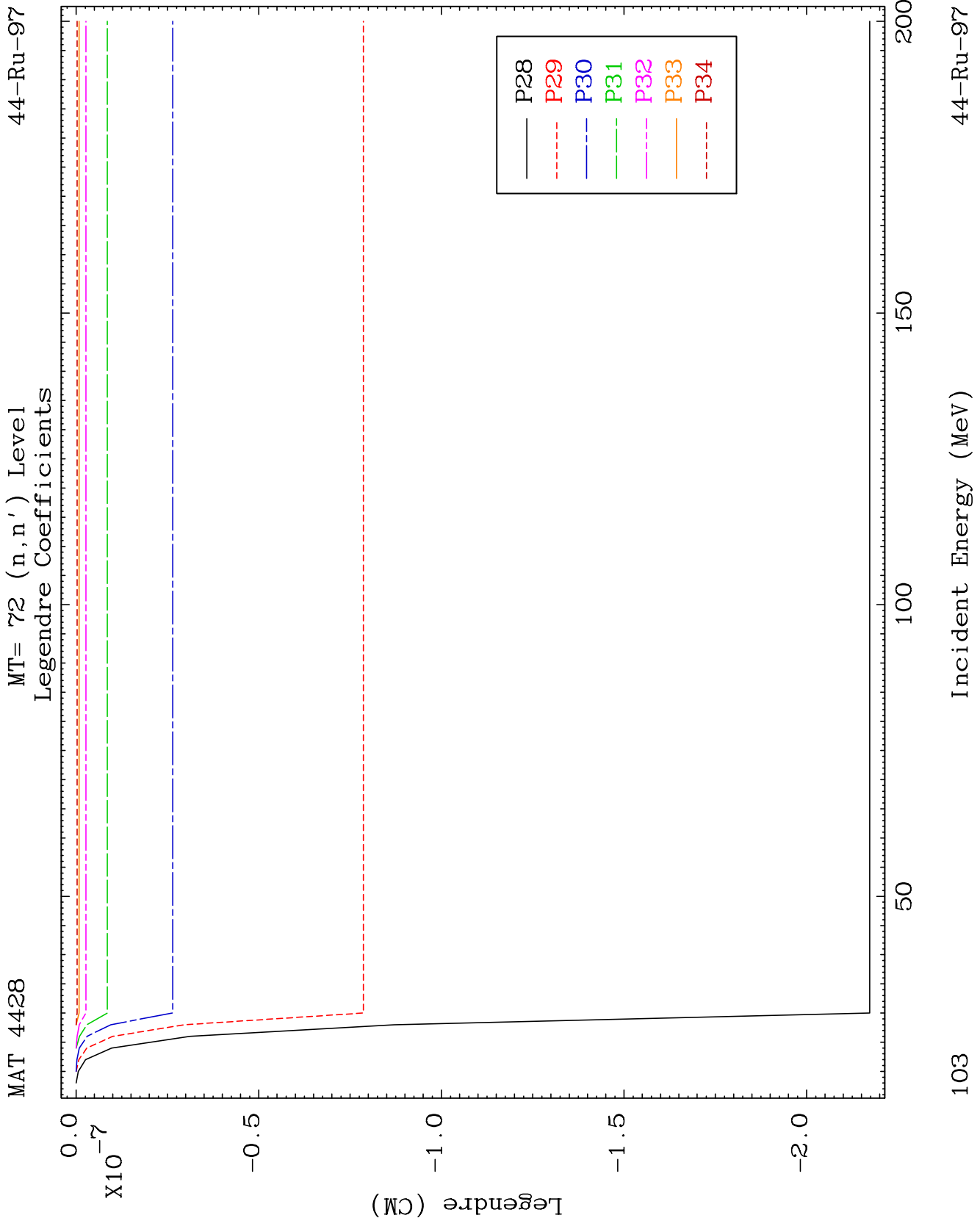
44-Ru-97

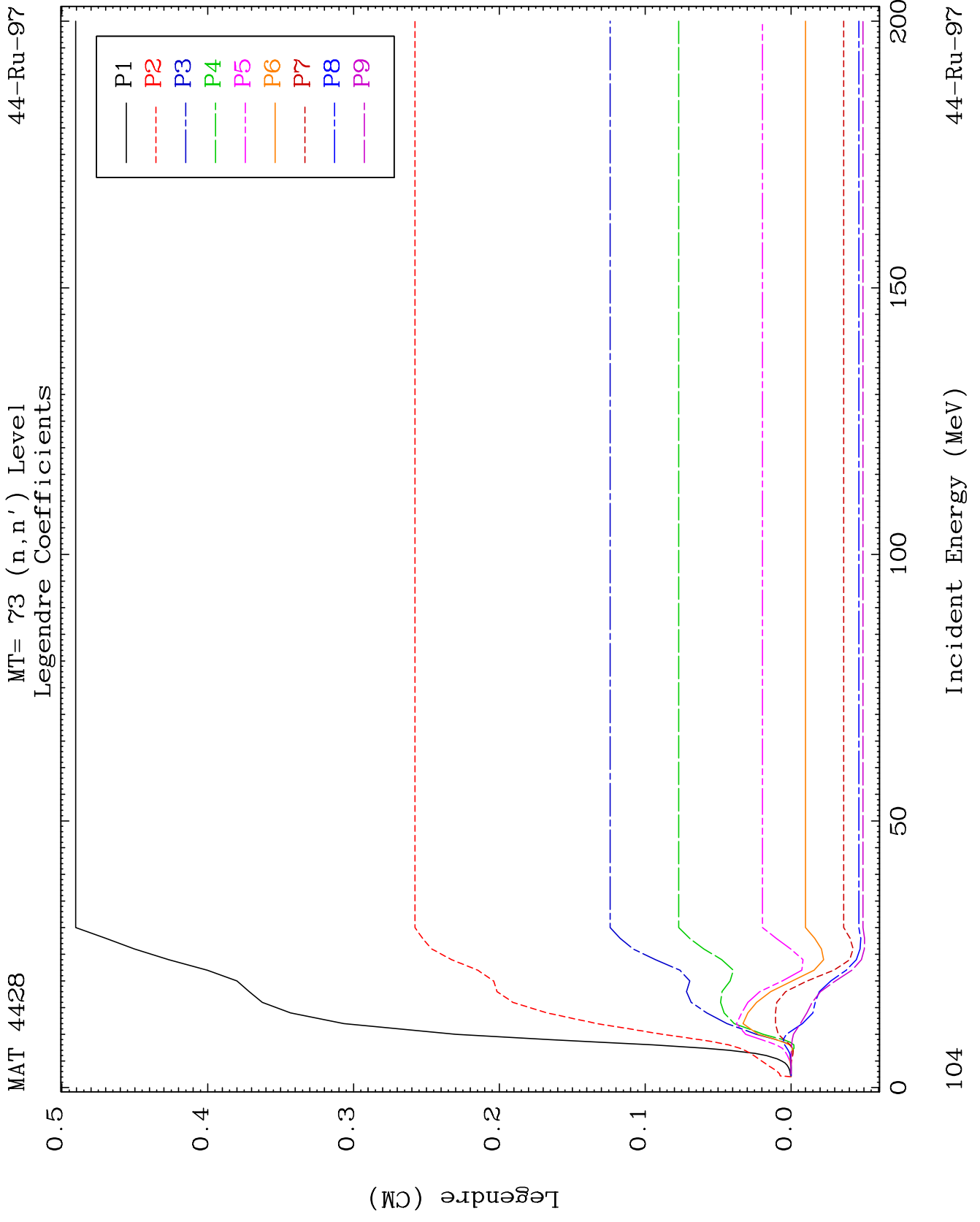


102

Incident Energy (MeV)

44-Ru-97

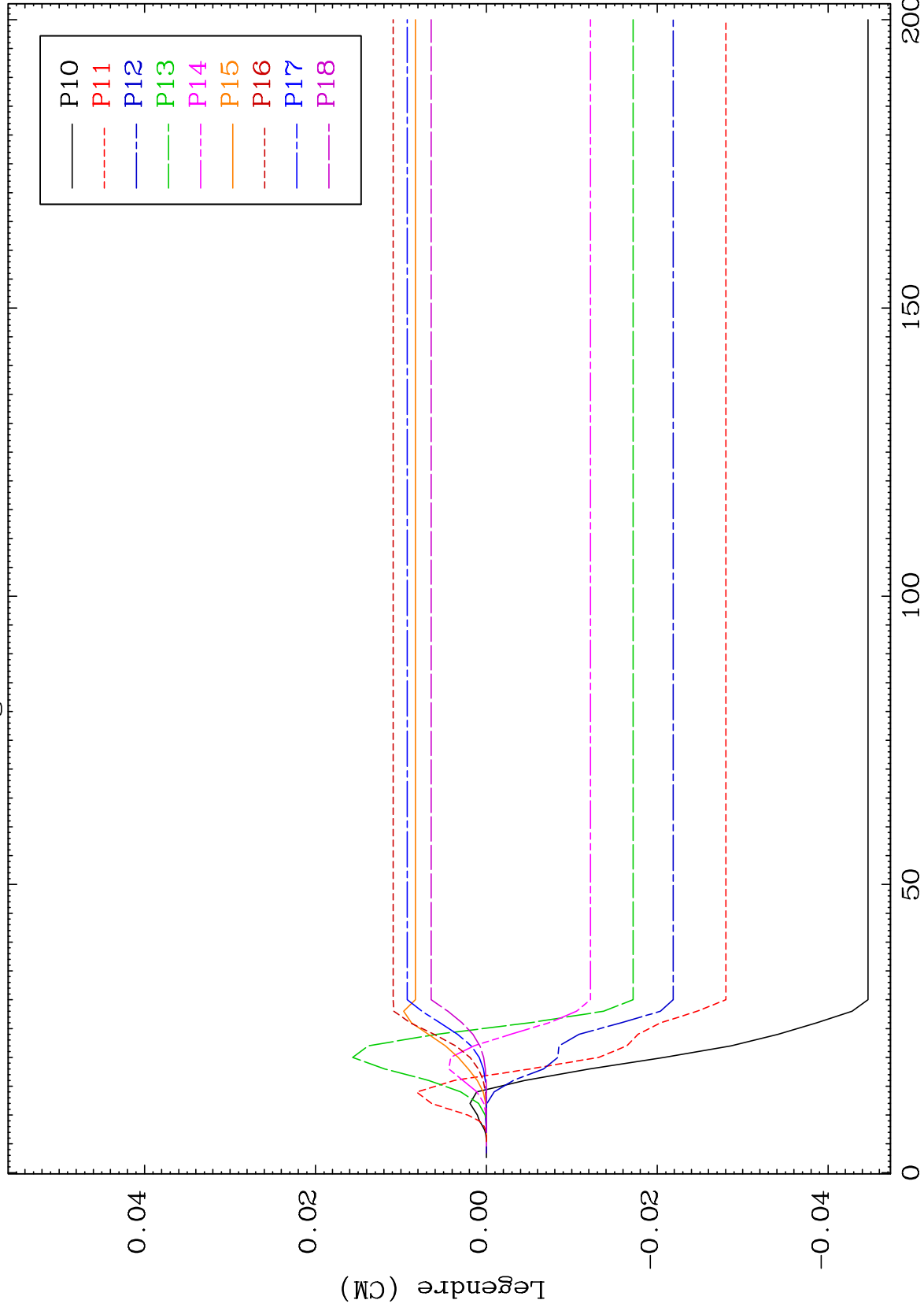




MAT 4428

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

44-Ru-97



105

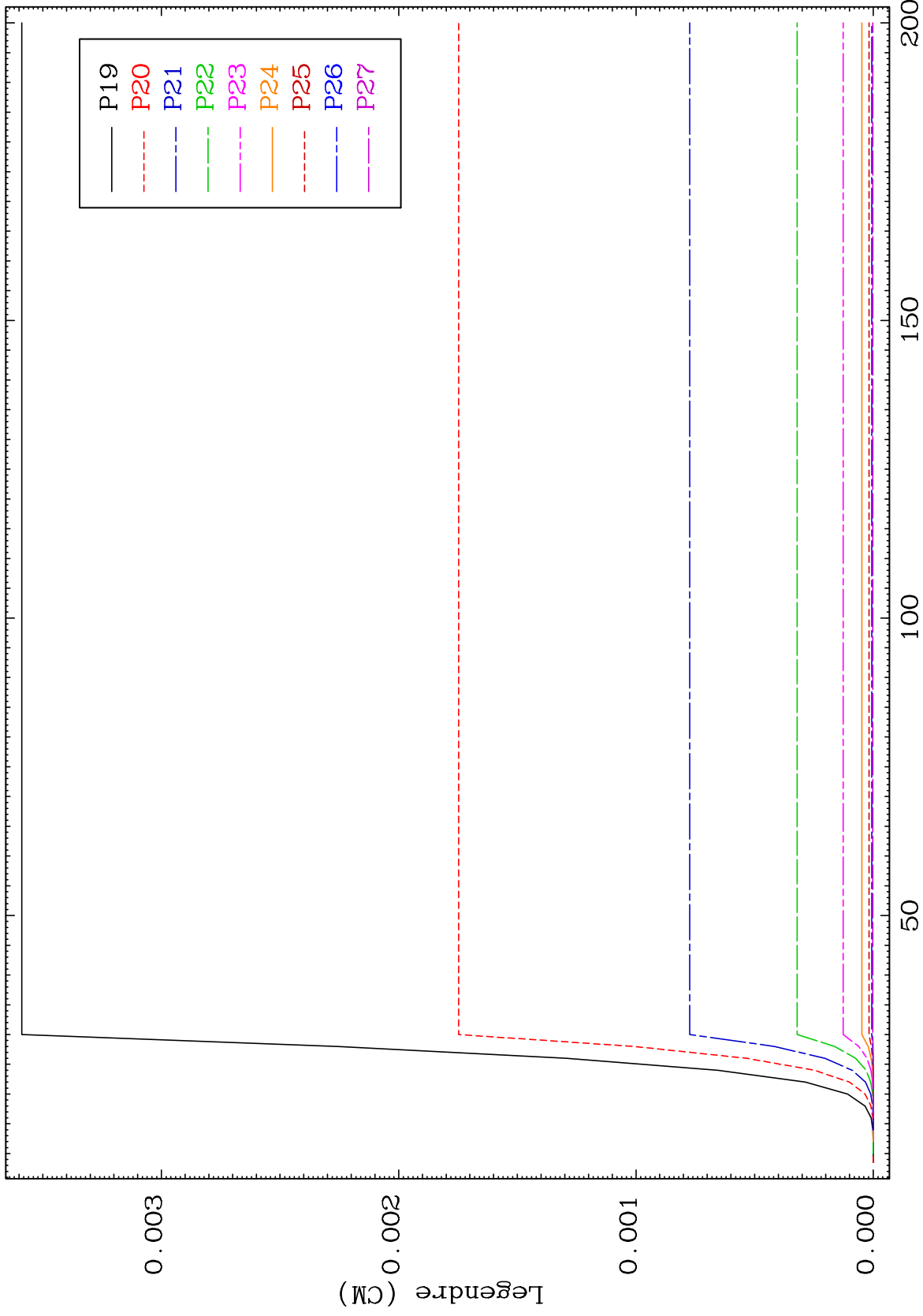
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



106

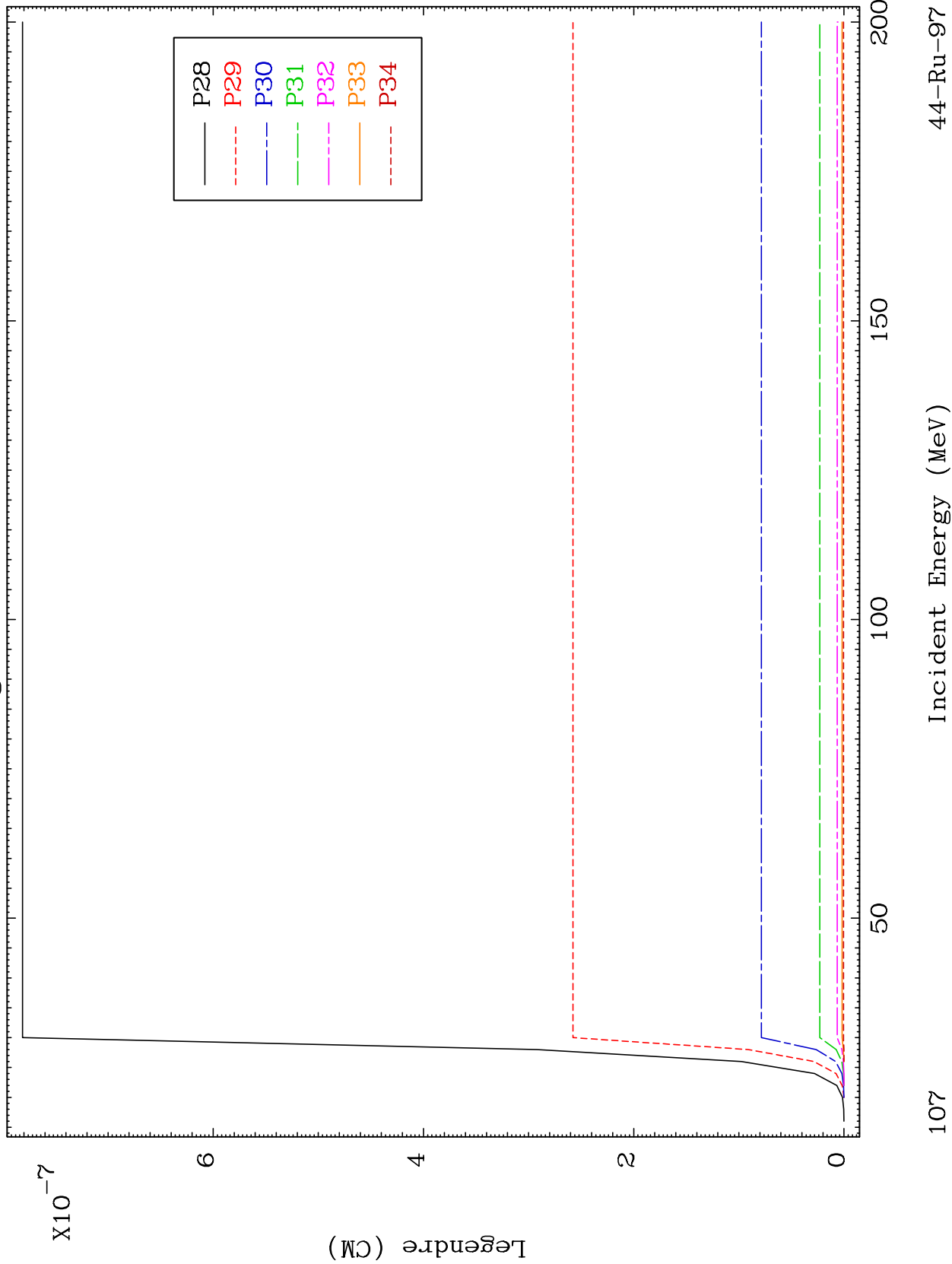
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



107

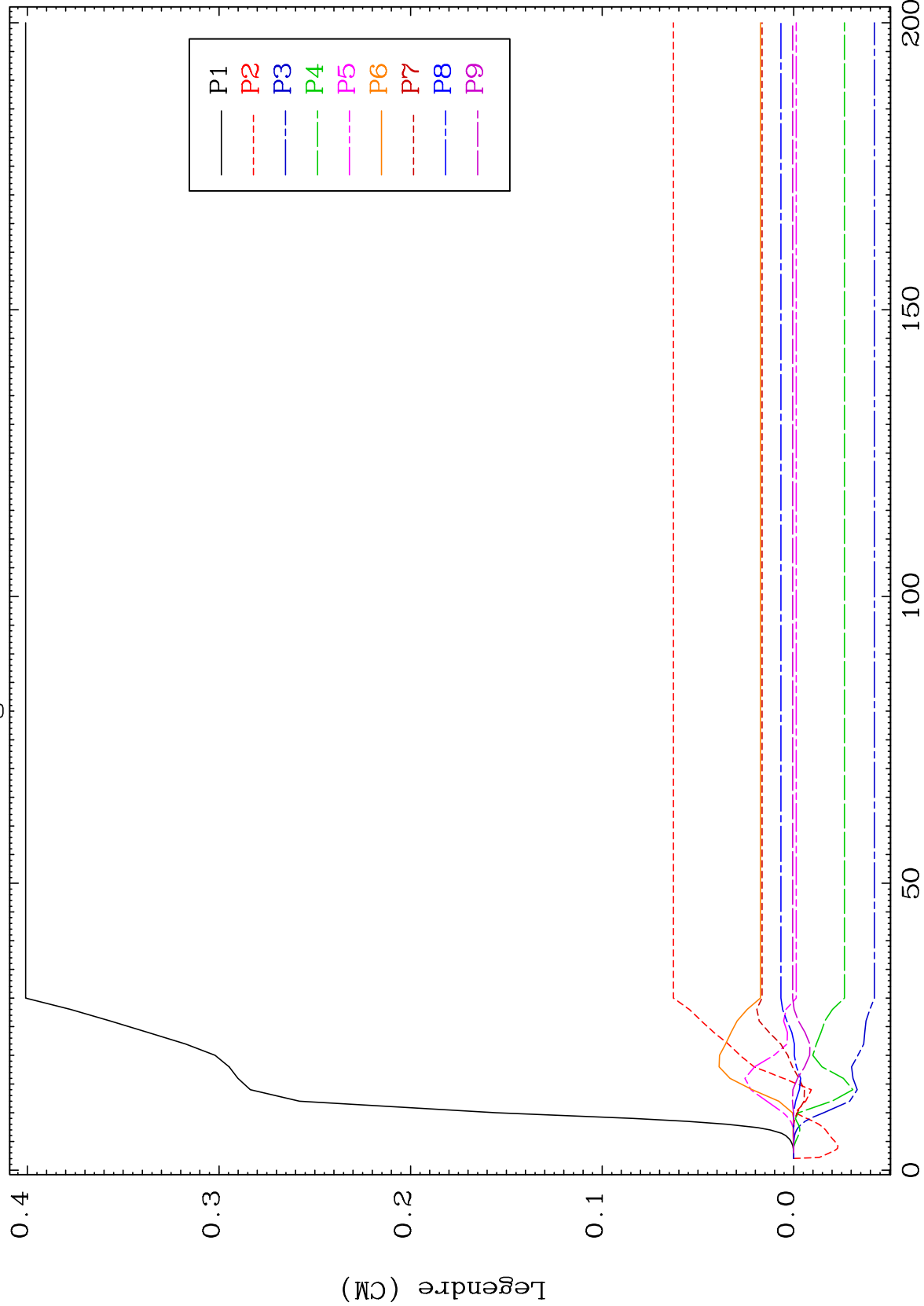
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

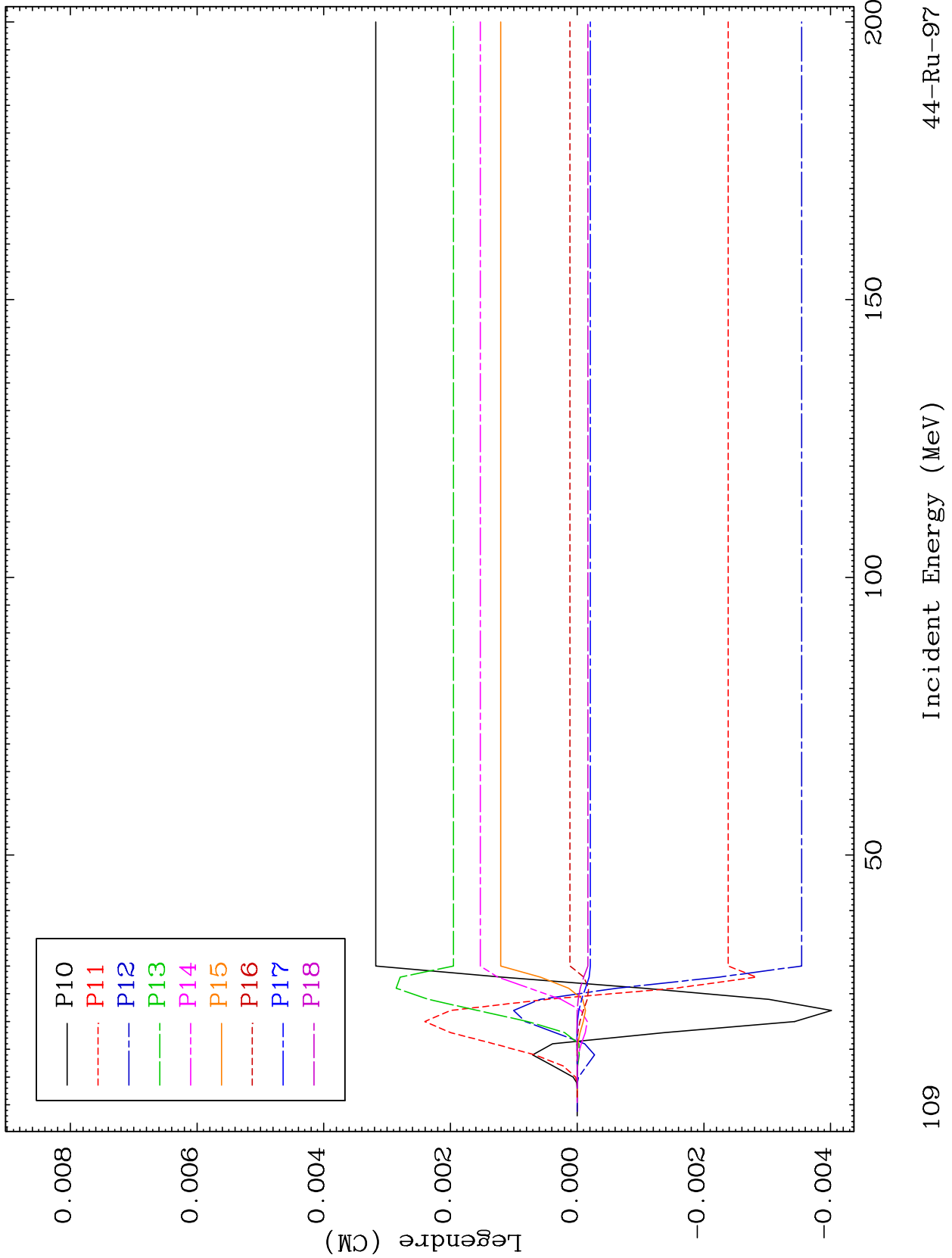
44-Ru-97



108

Incident Energy (MeV)

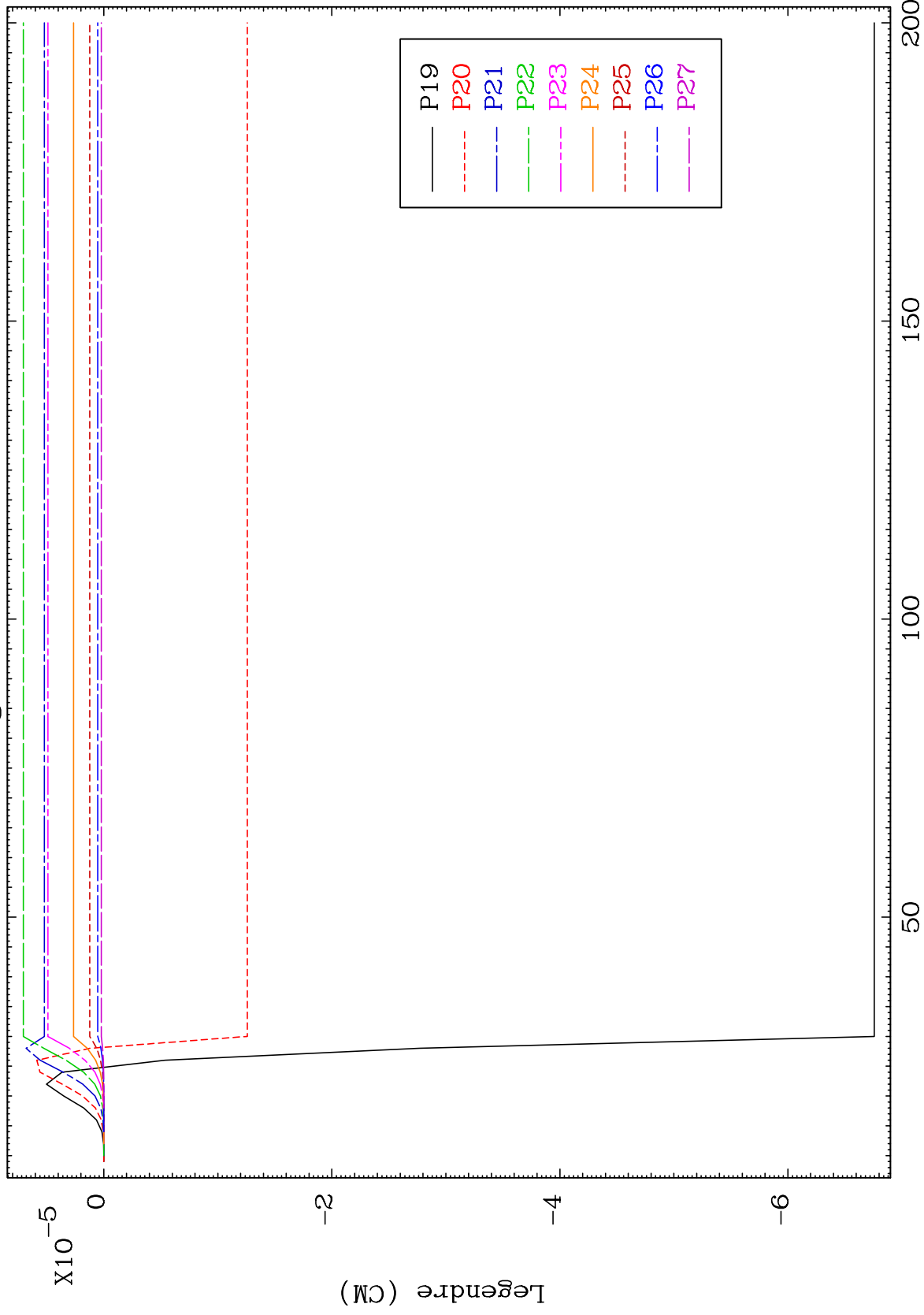
44-Ru-97



MAT 4428

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

44-Ru-97



110

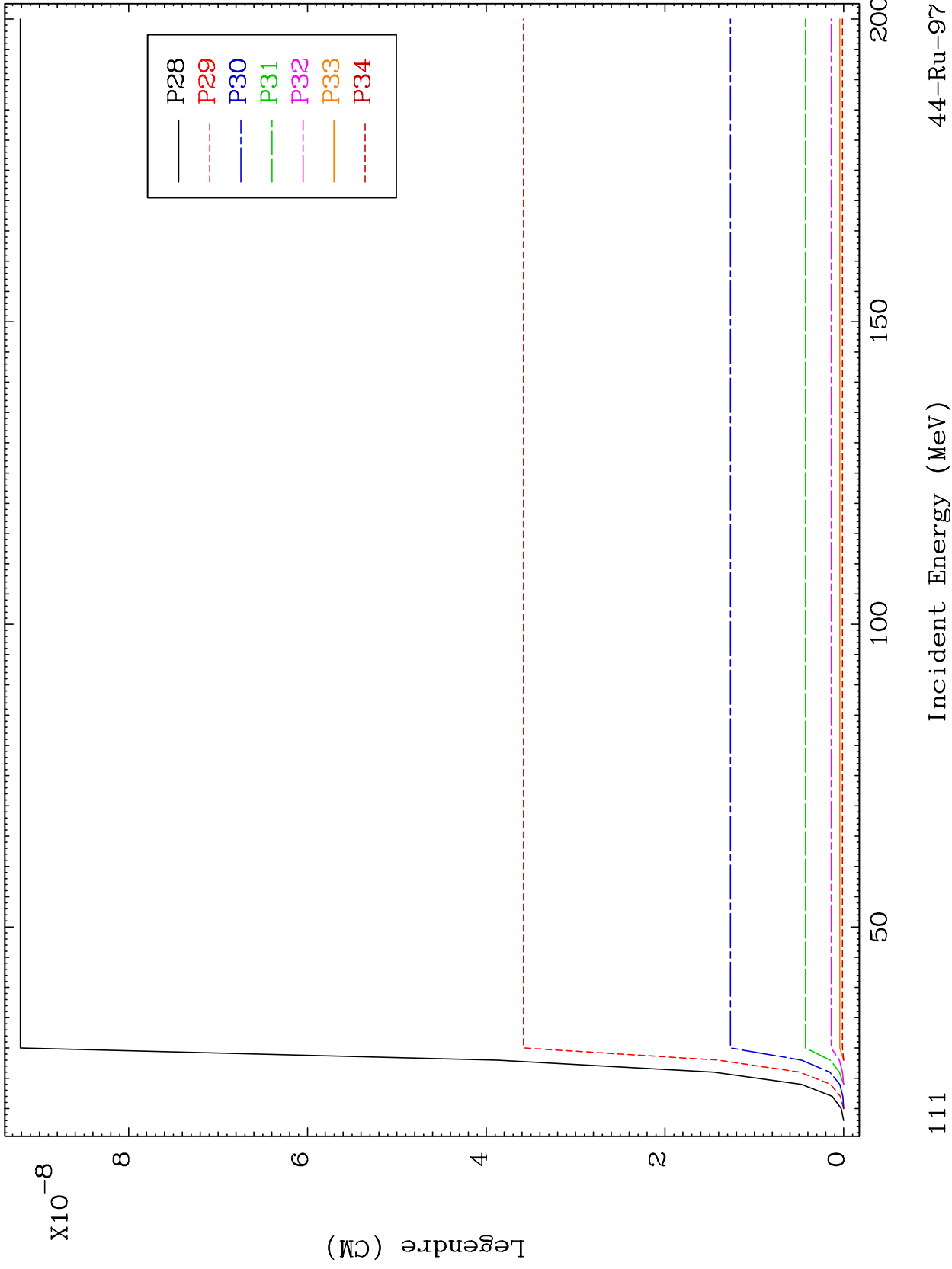
Incident Energy (MeV)

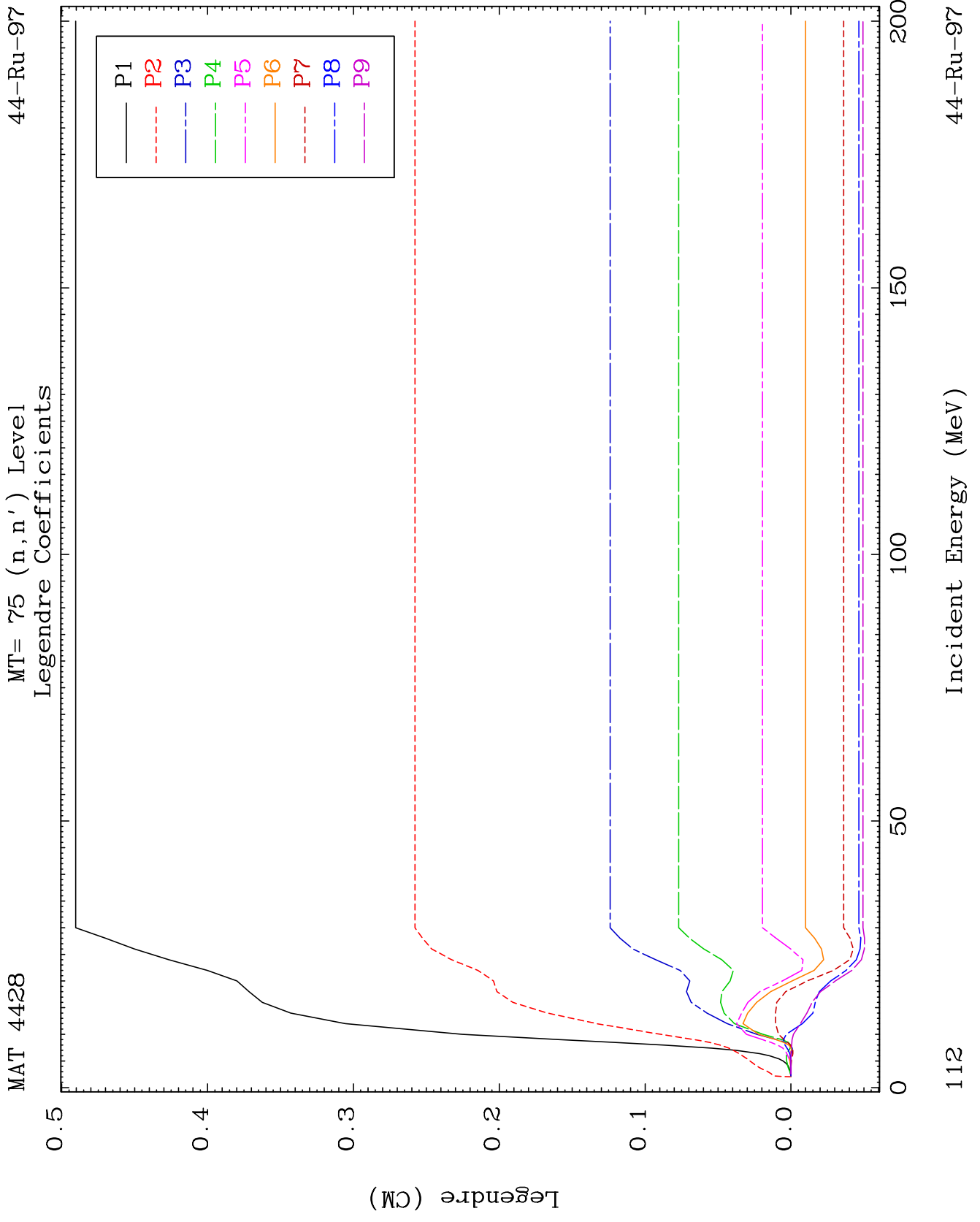
44-Ru-97

MAT 4428

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

44-Ru-97

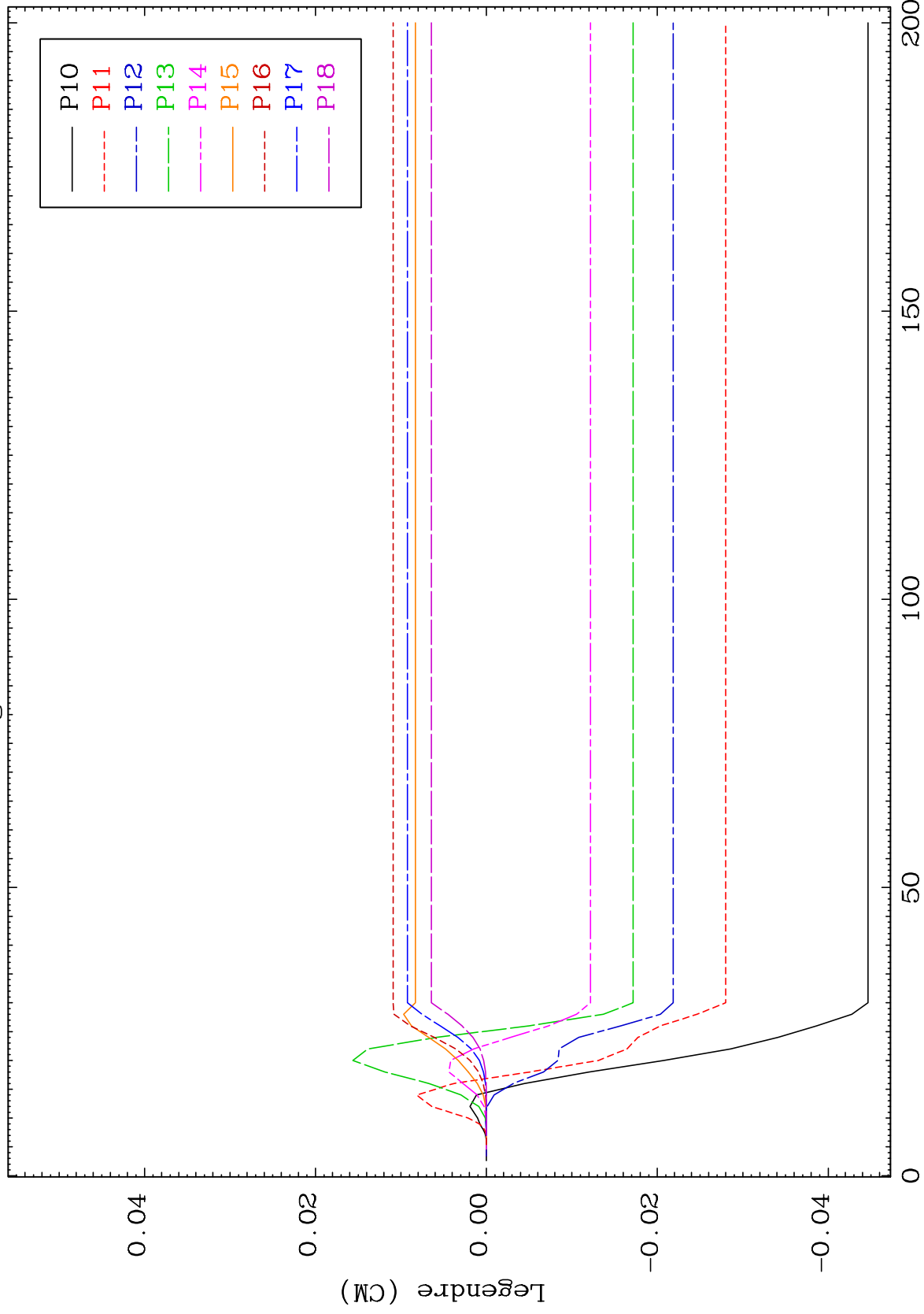




MAT 4428

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

44-Ru-97



113

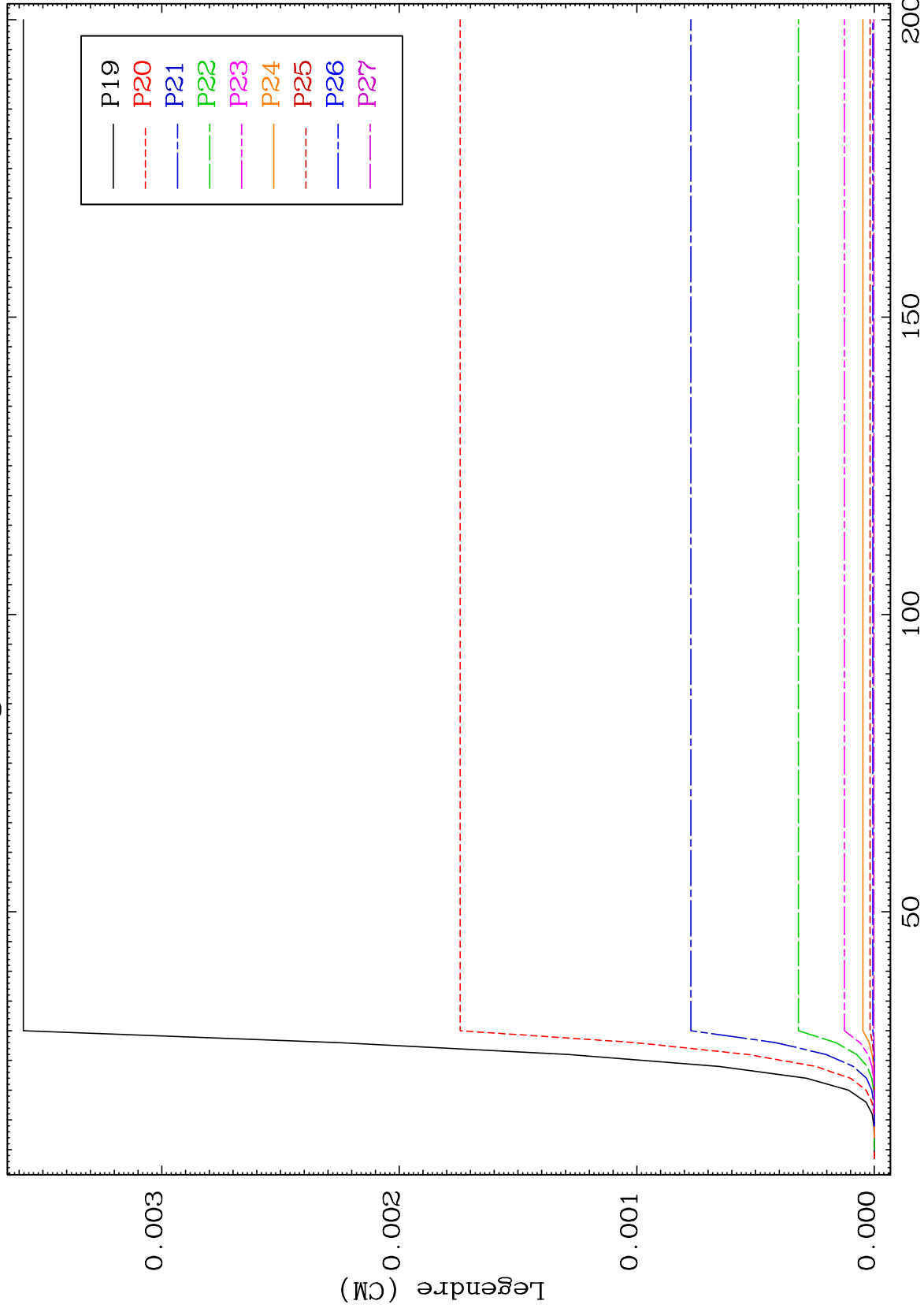
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



114

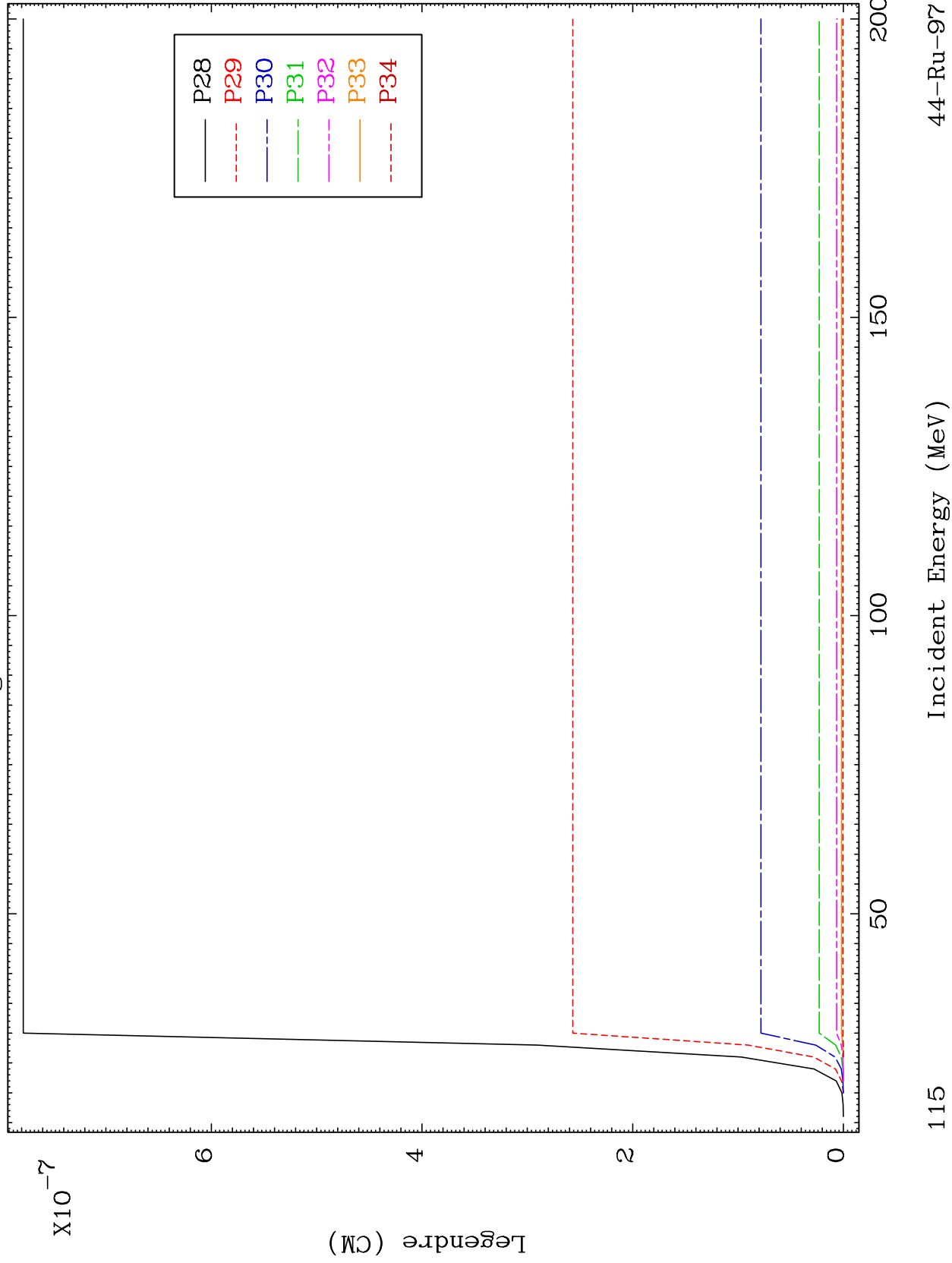
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



44-Ru-97

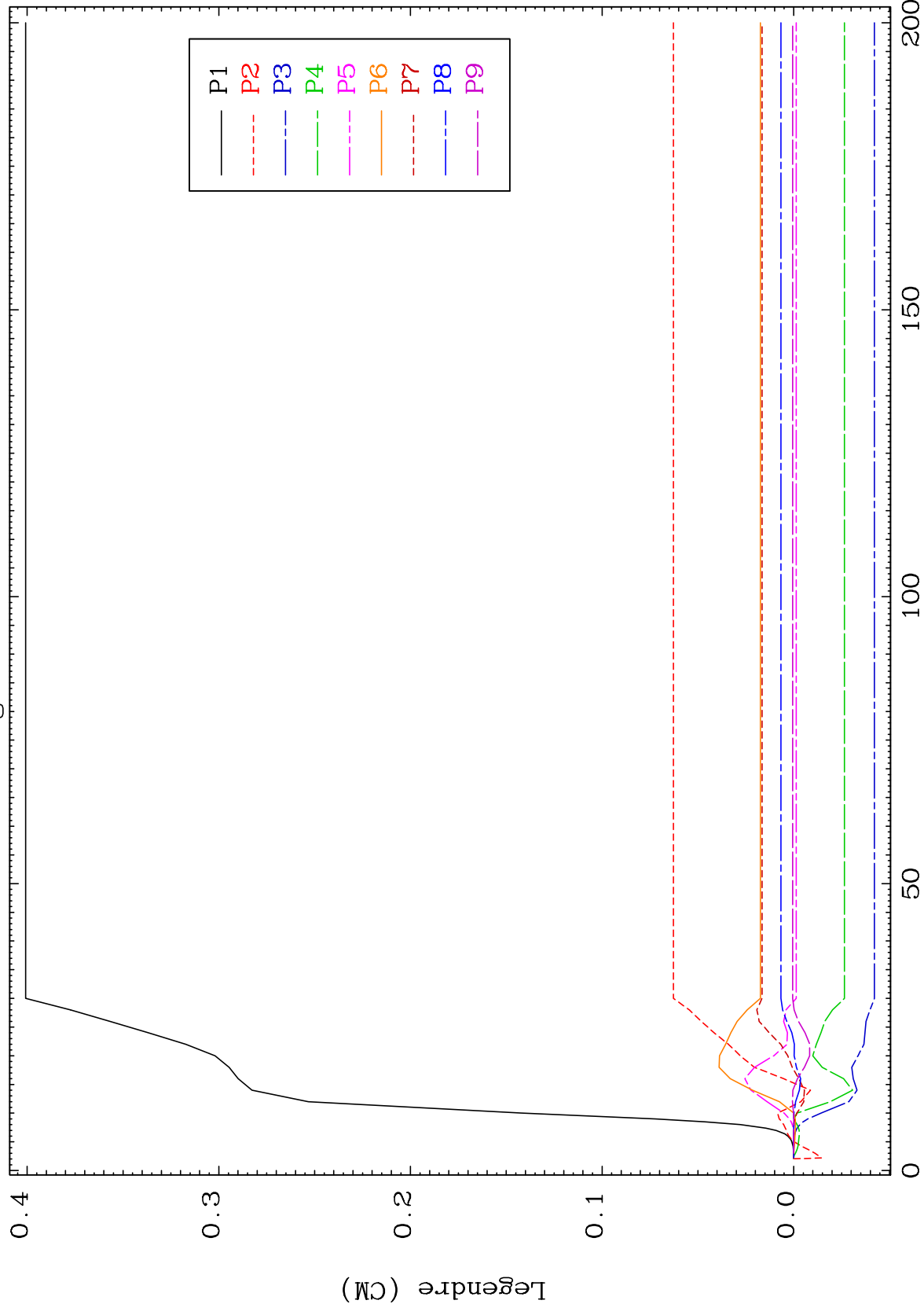
Incident Energy (MeV)

115

MAT 4428

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

44-Ru-97



116

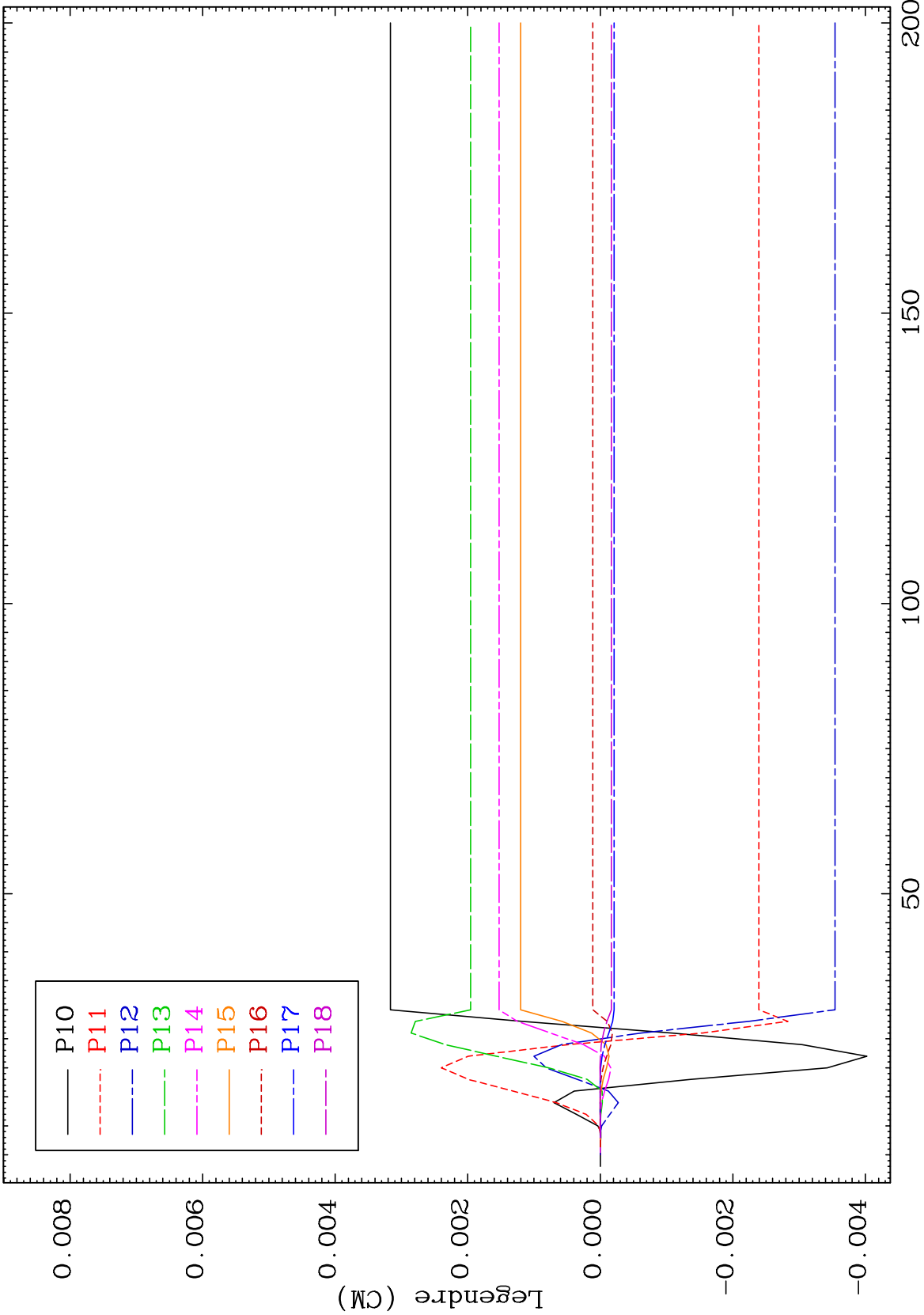
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



117

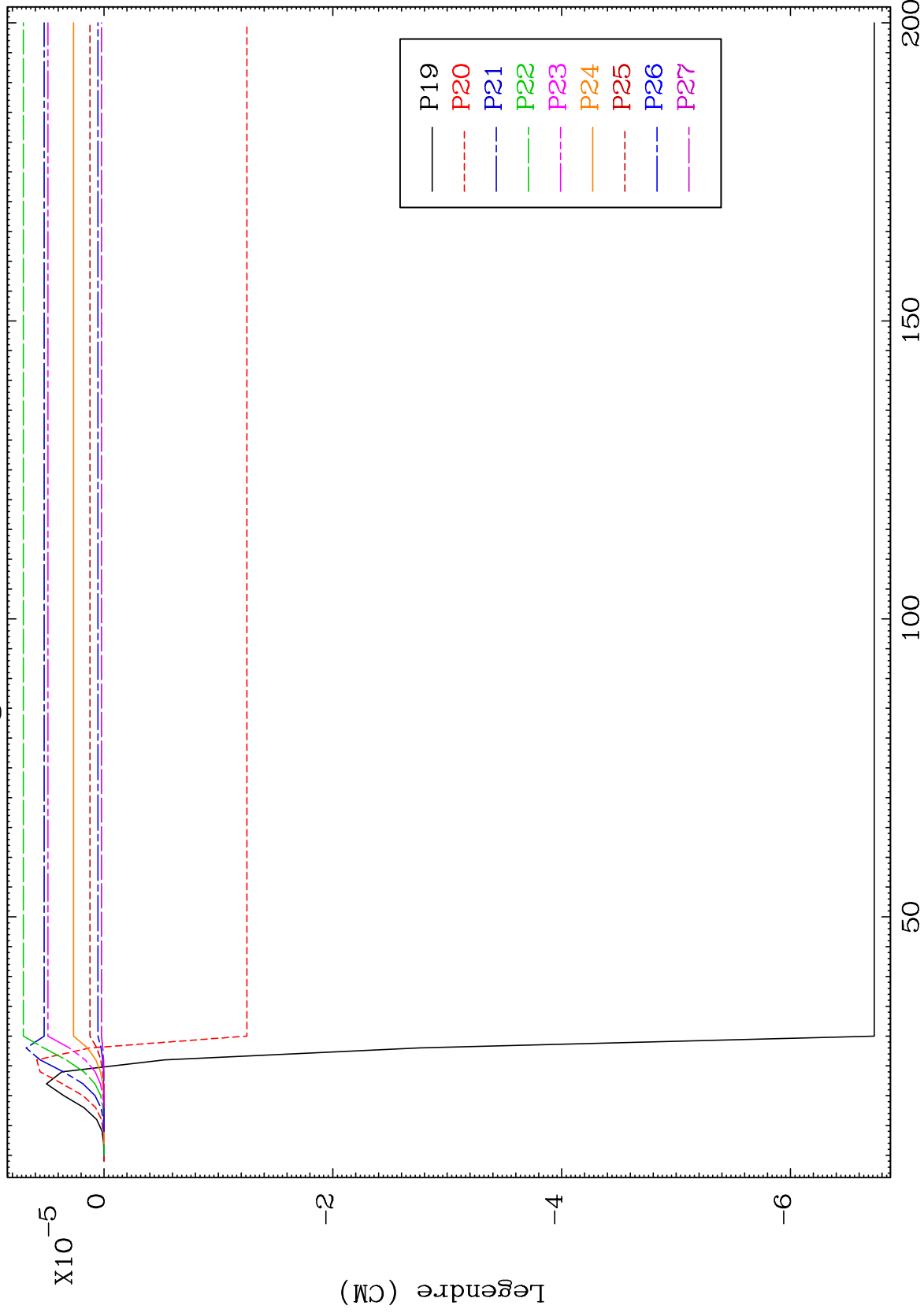
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



118

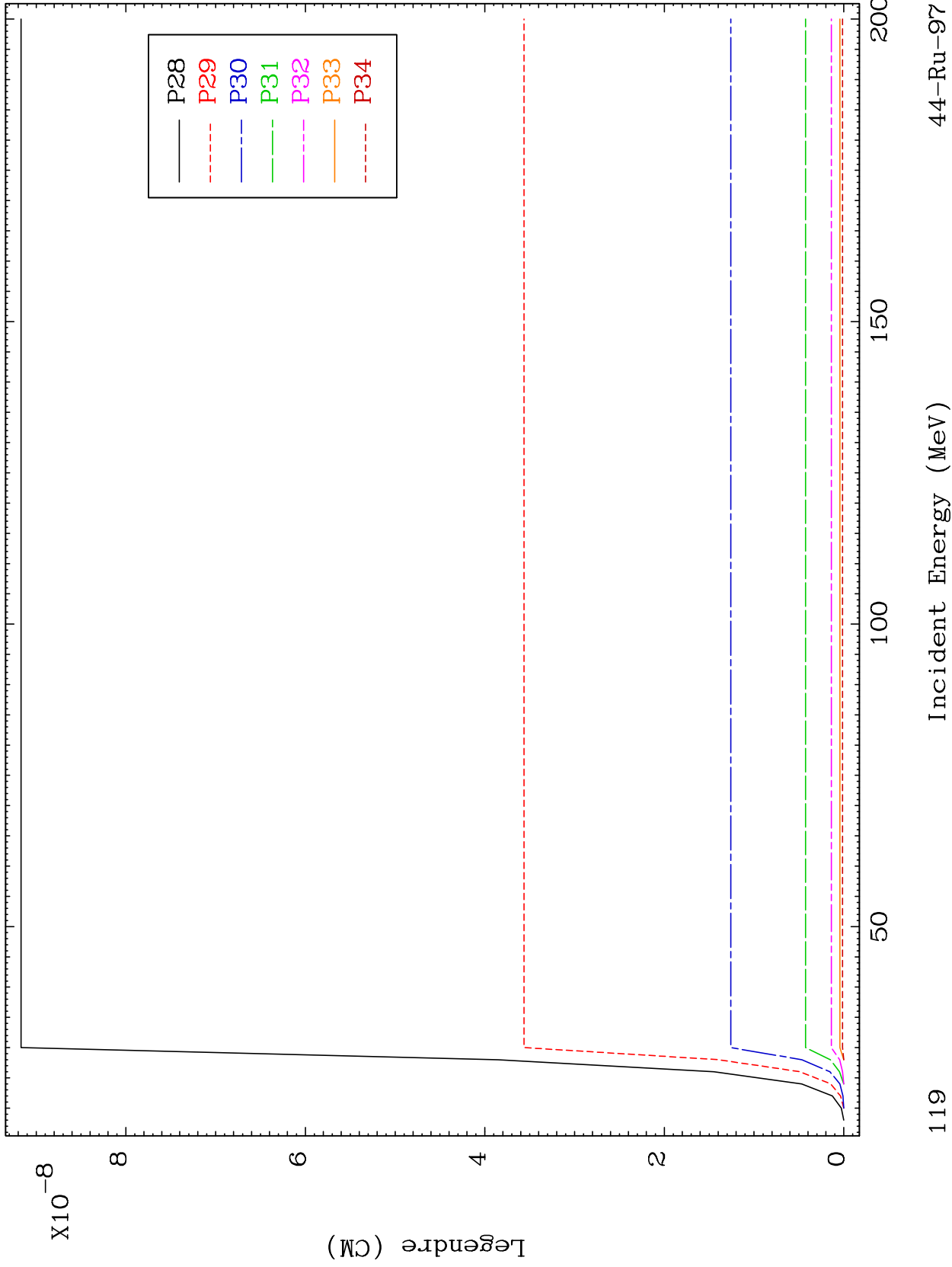
Incident Energy (MeV)

44-Ru-97

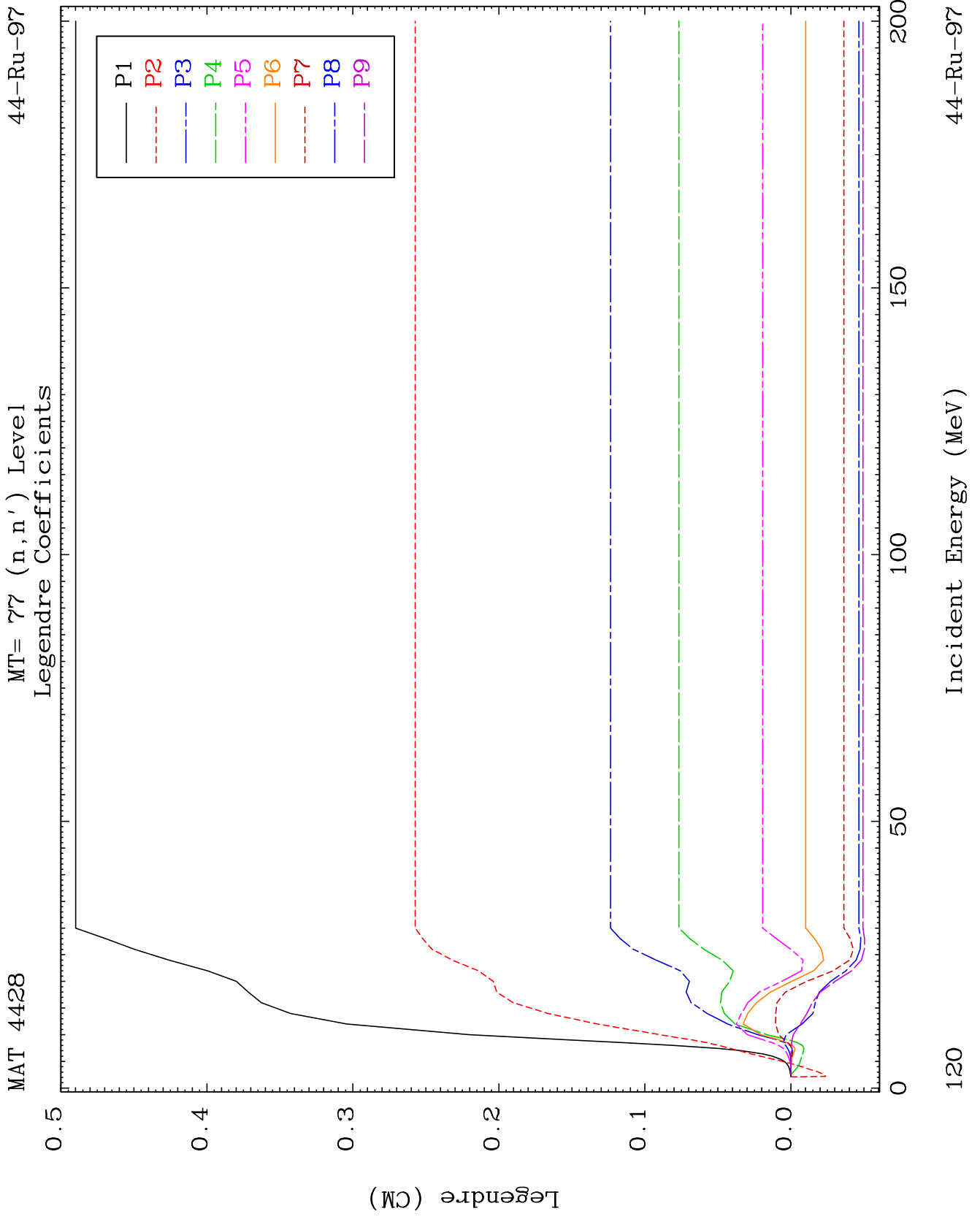
MAT 4428

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

44-Ru-97



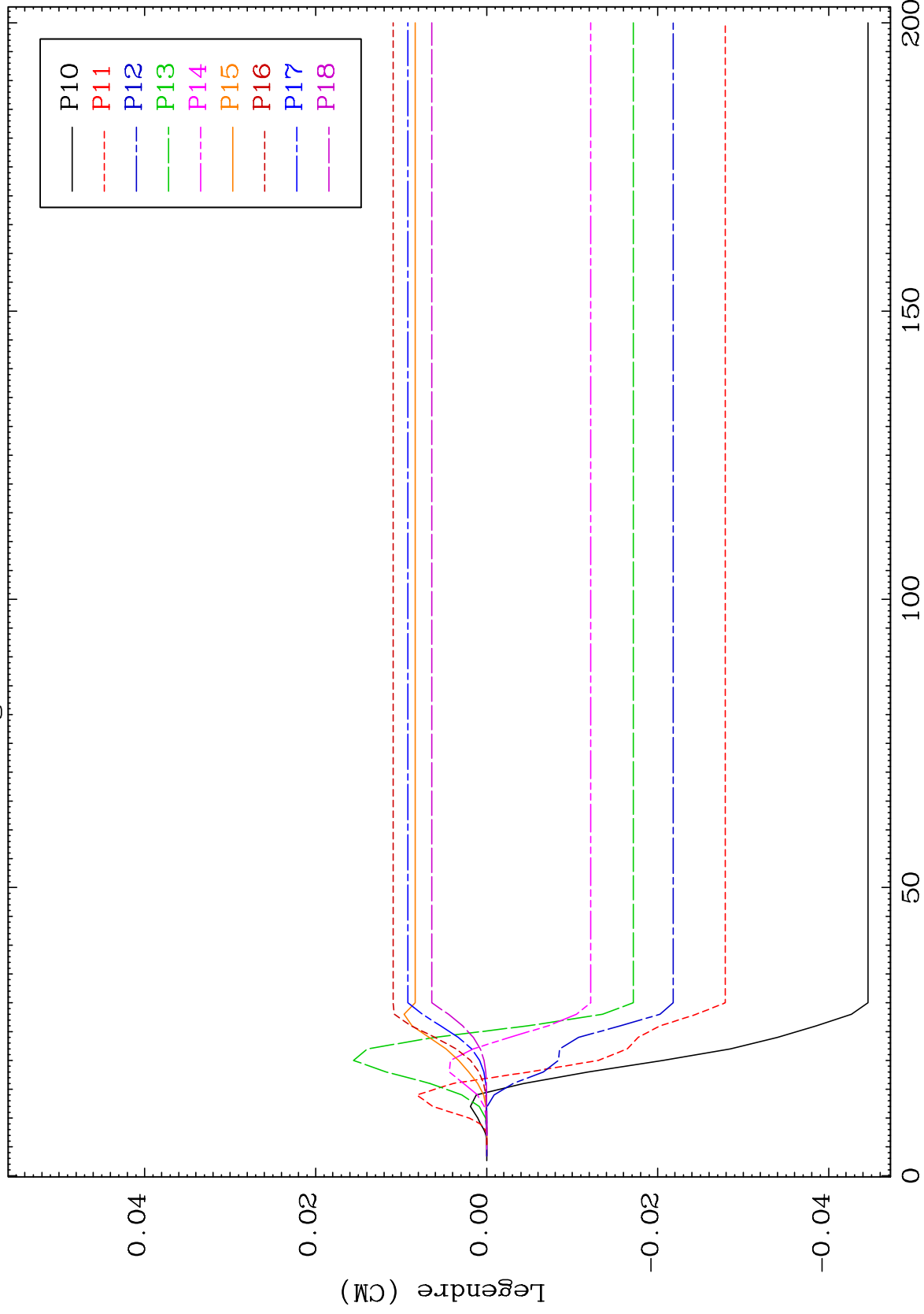
119



MAT 4428

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

44-Ru-97



121

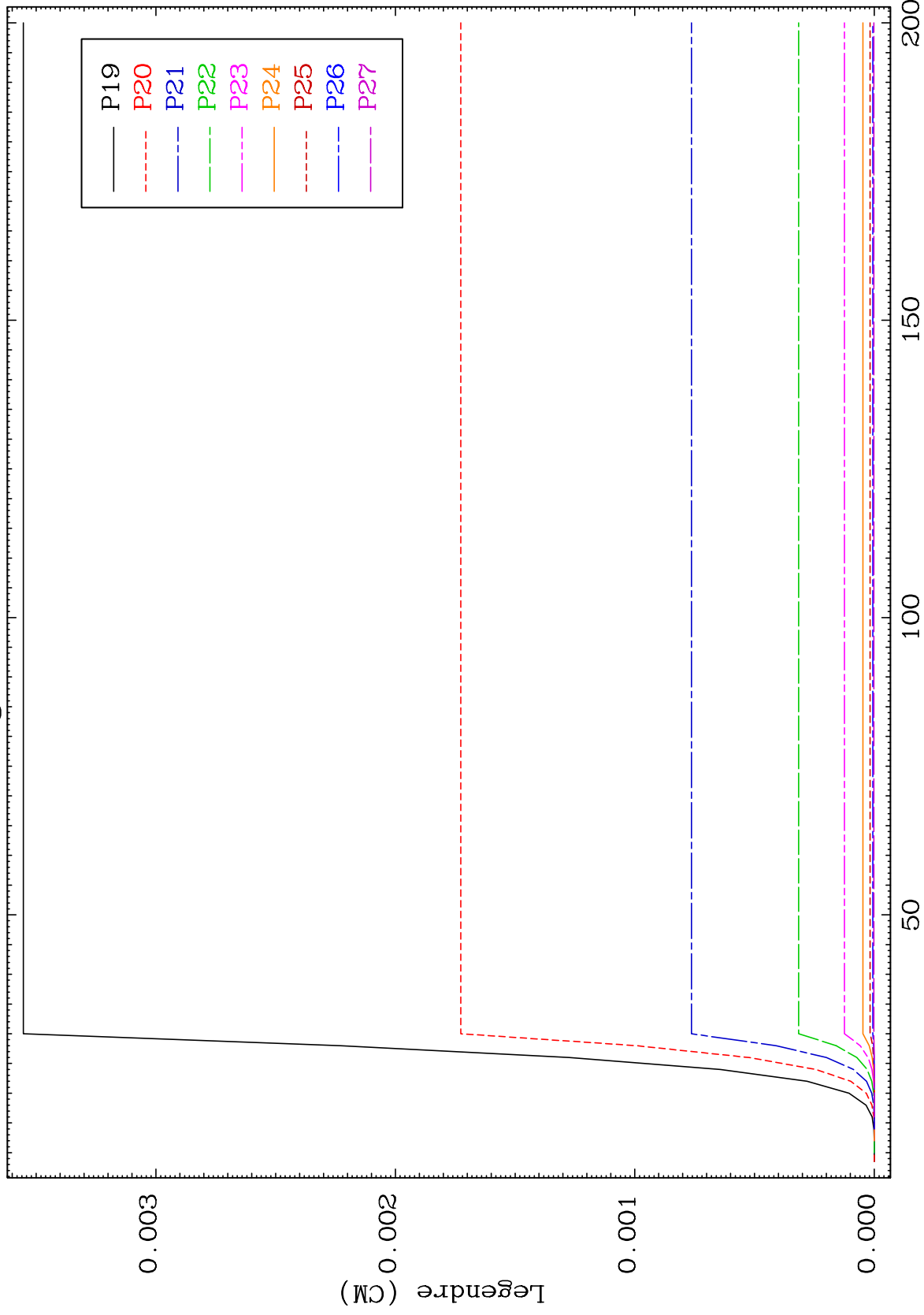
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



122

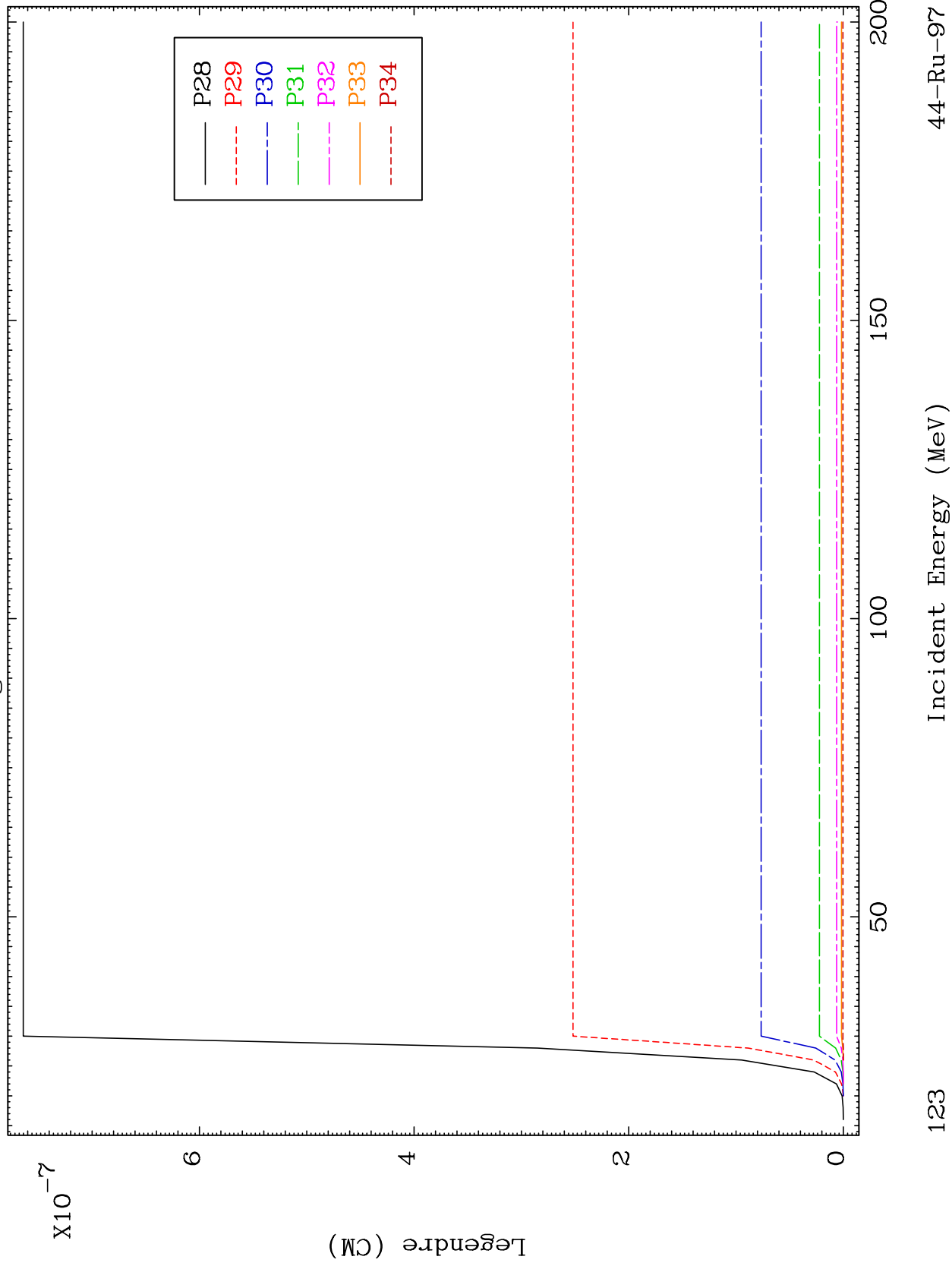
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



123

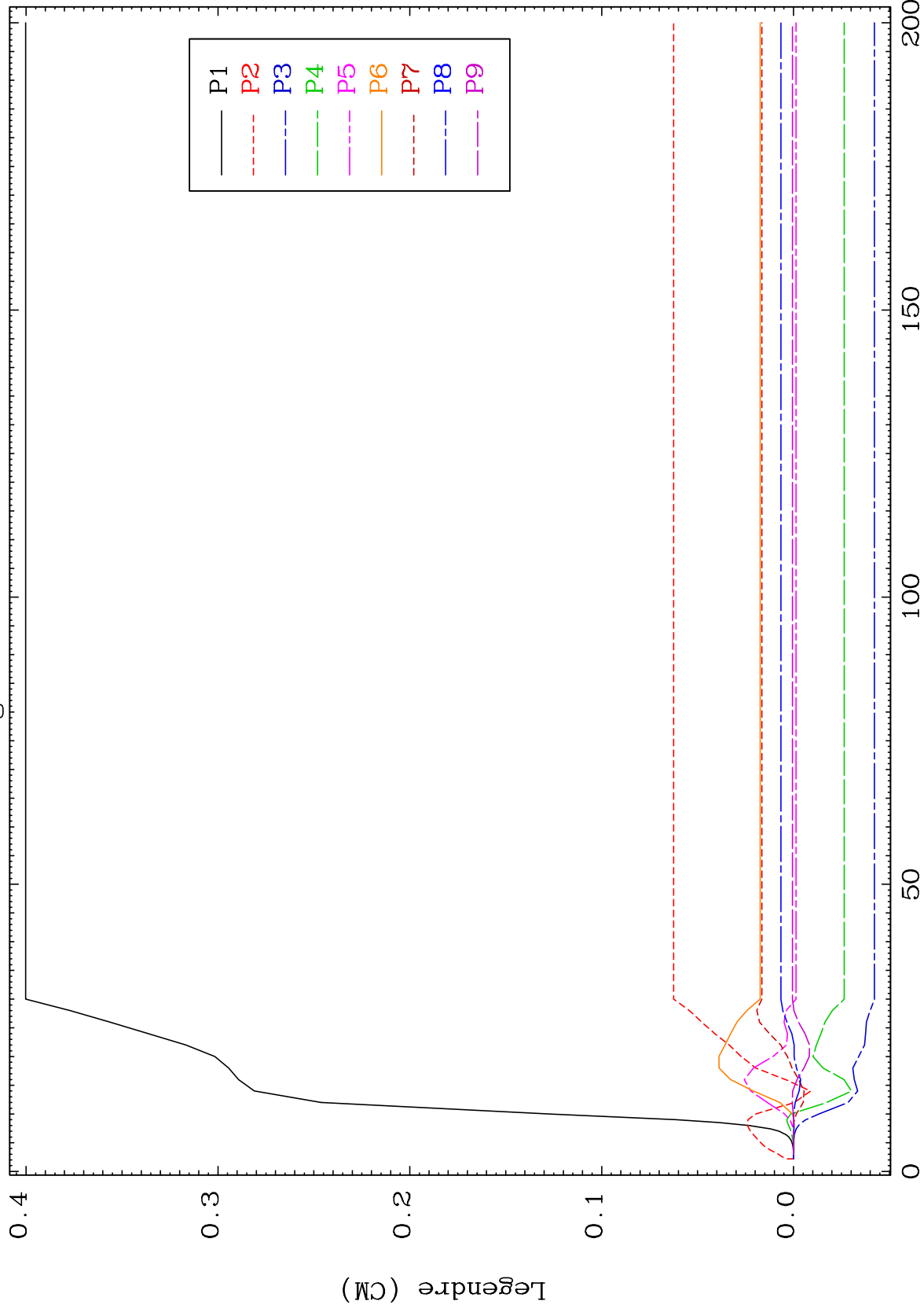
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



124

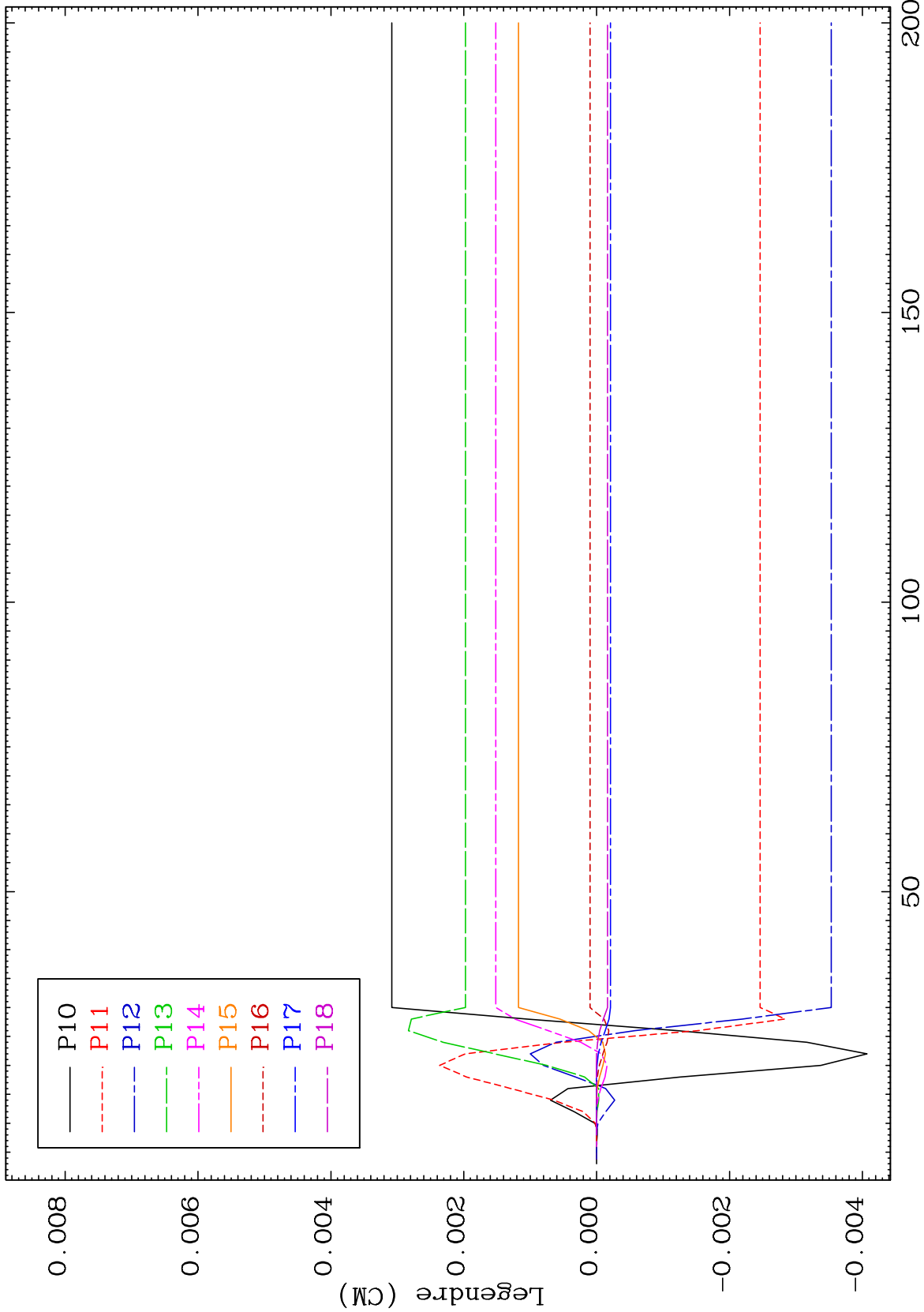
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



125

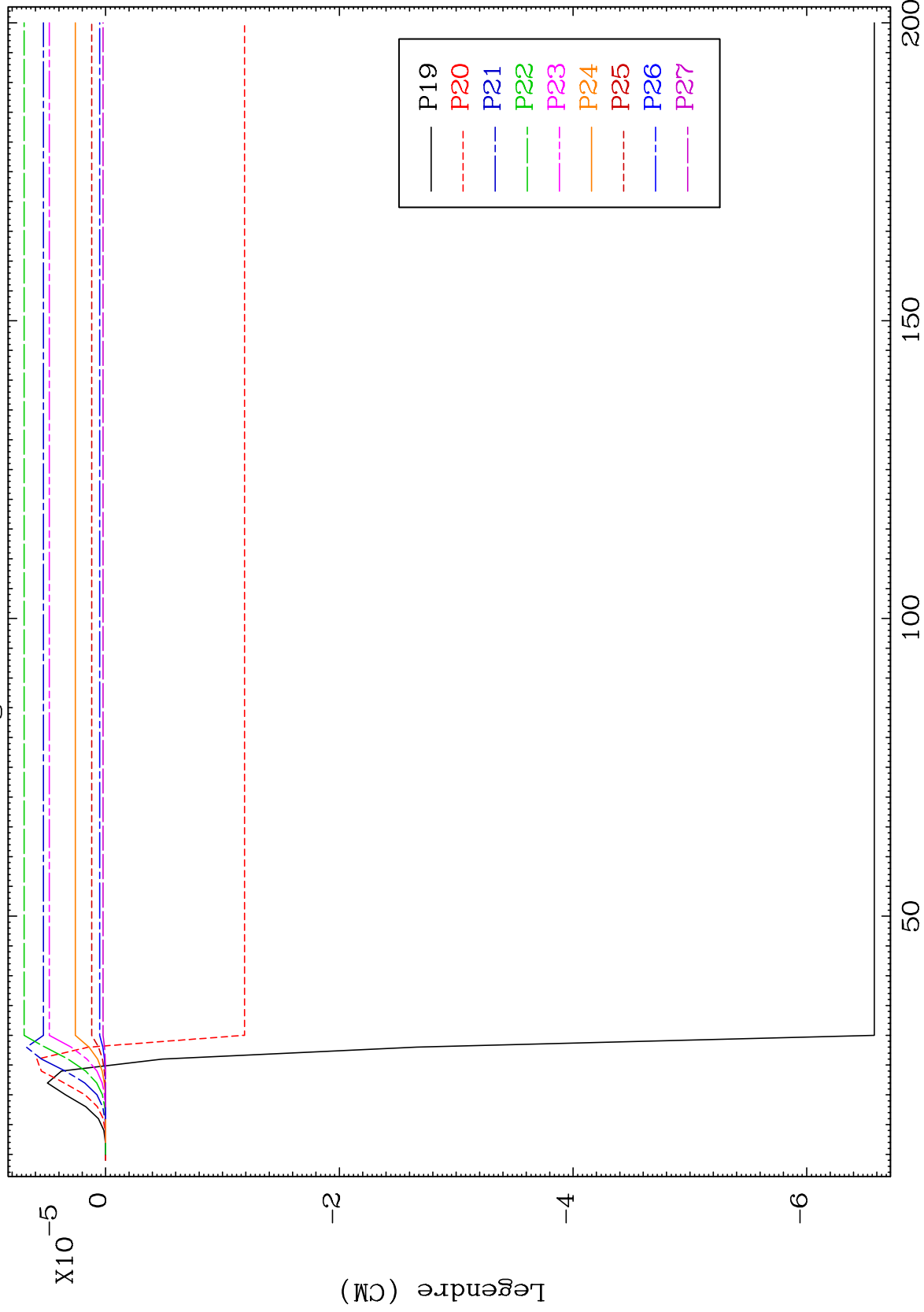
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



126

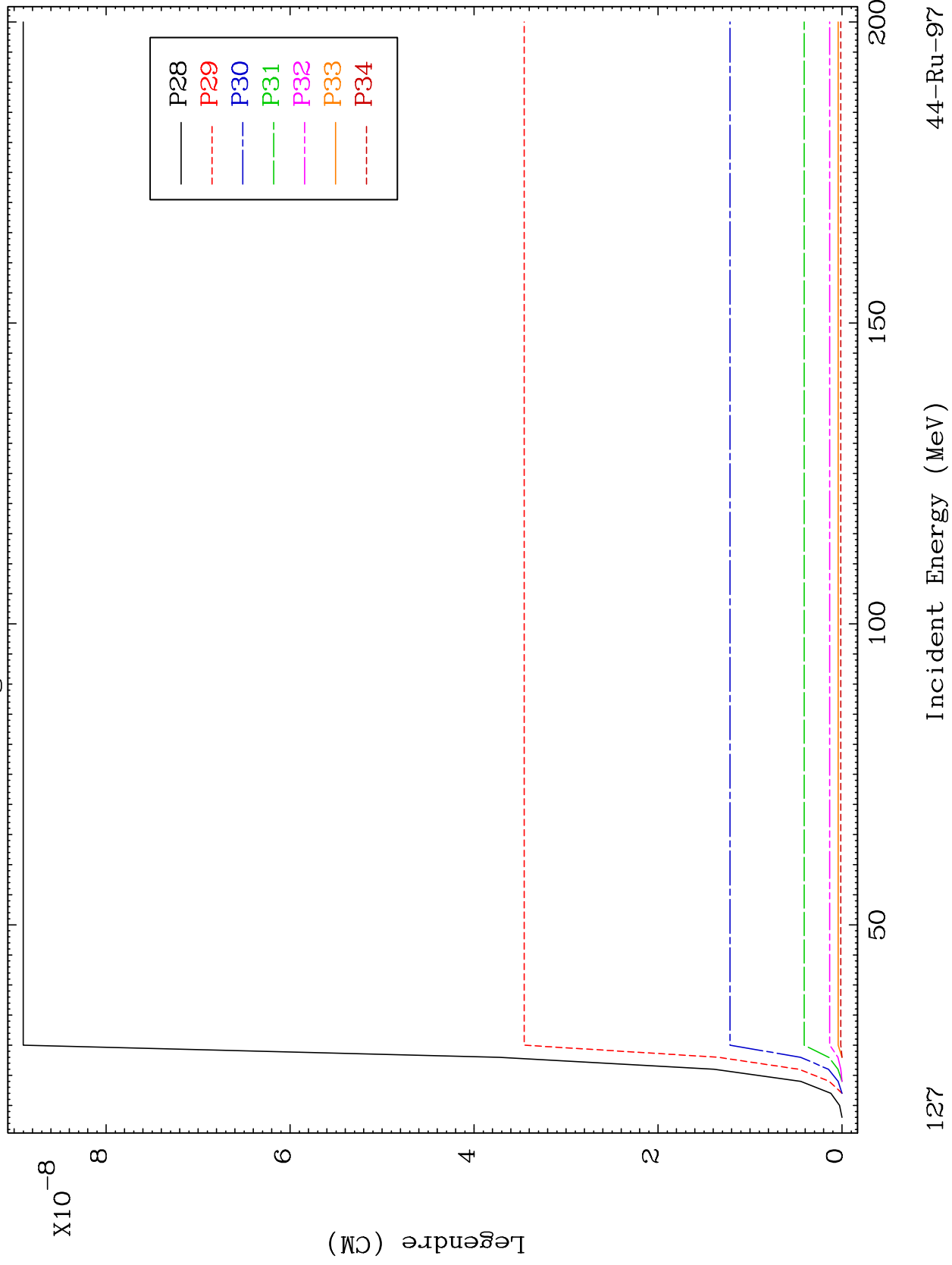
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

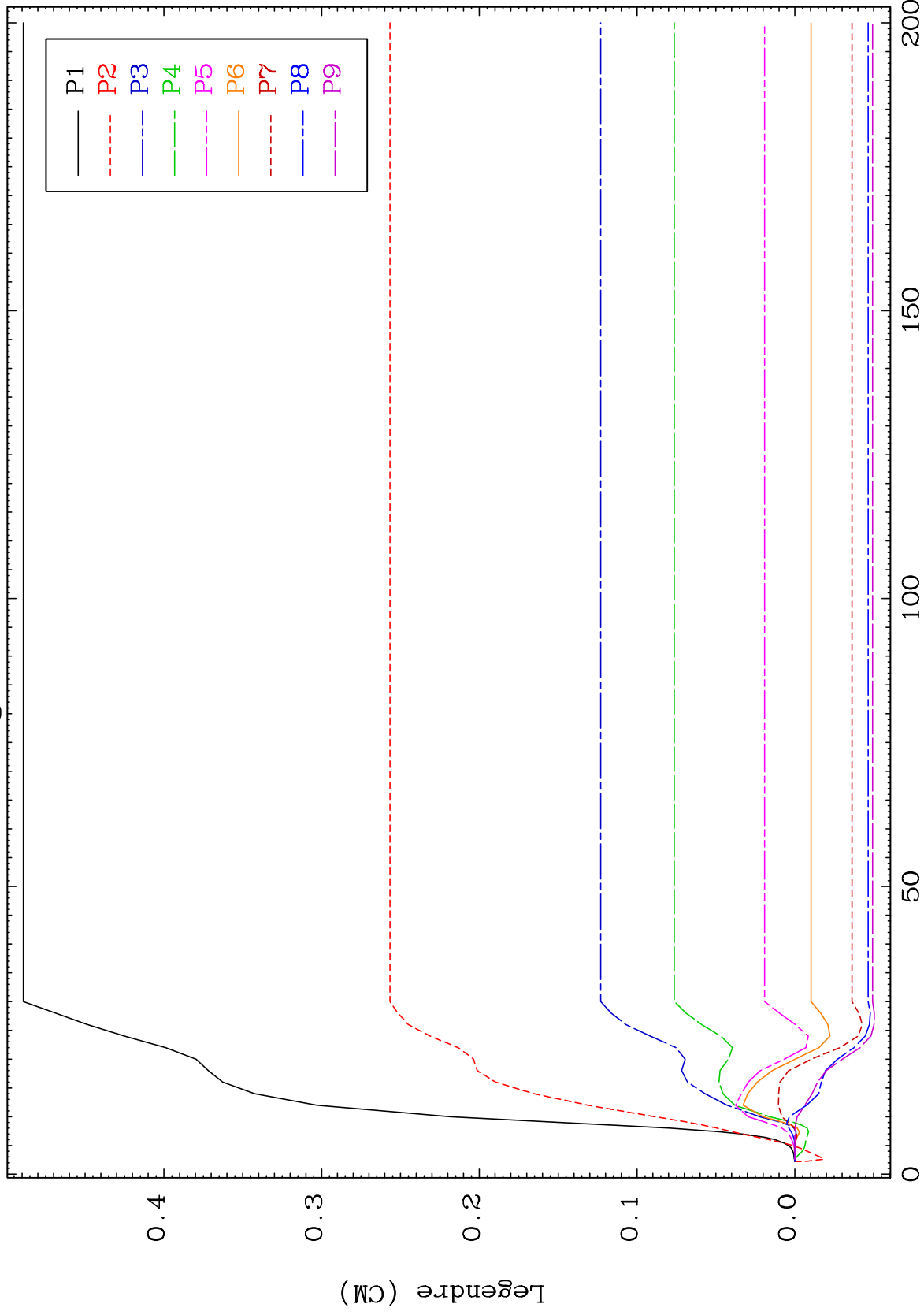
44-Ru-97



MAT 4428

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

44-Ru-97



128

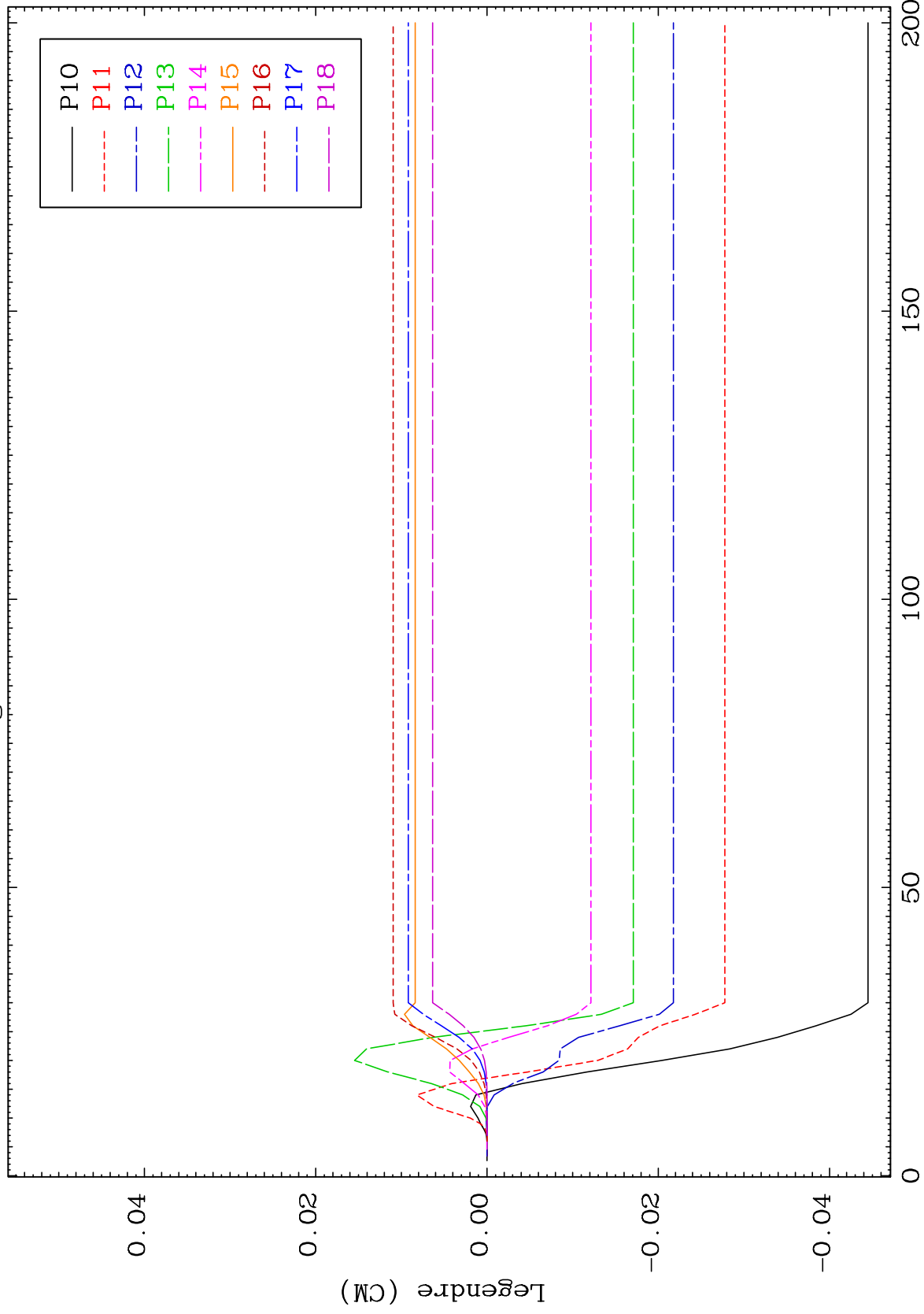
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



129

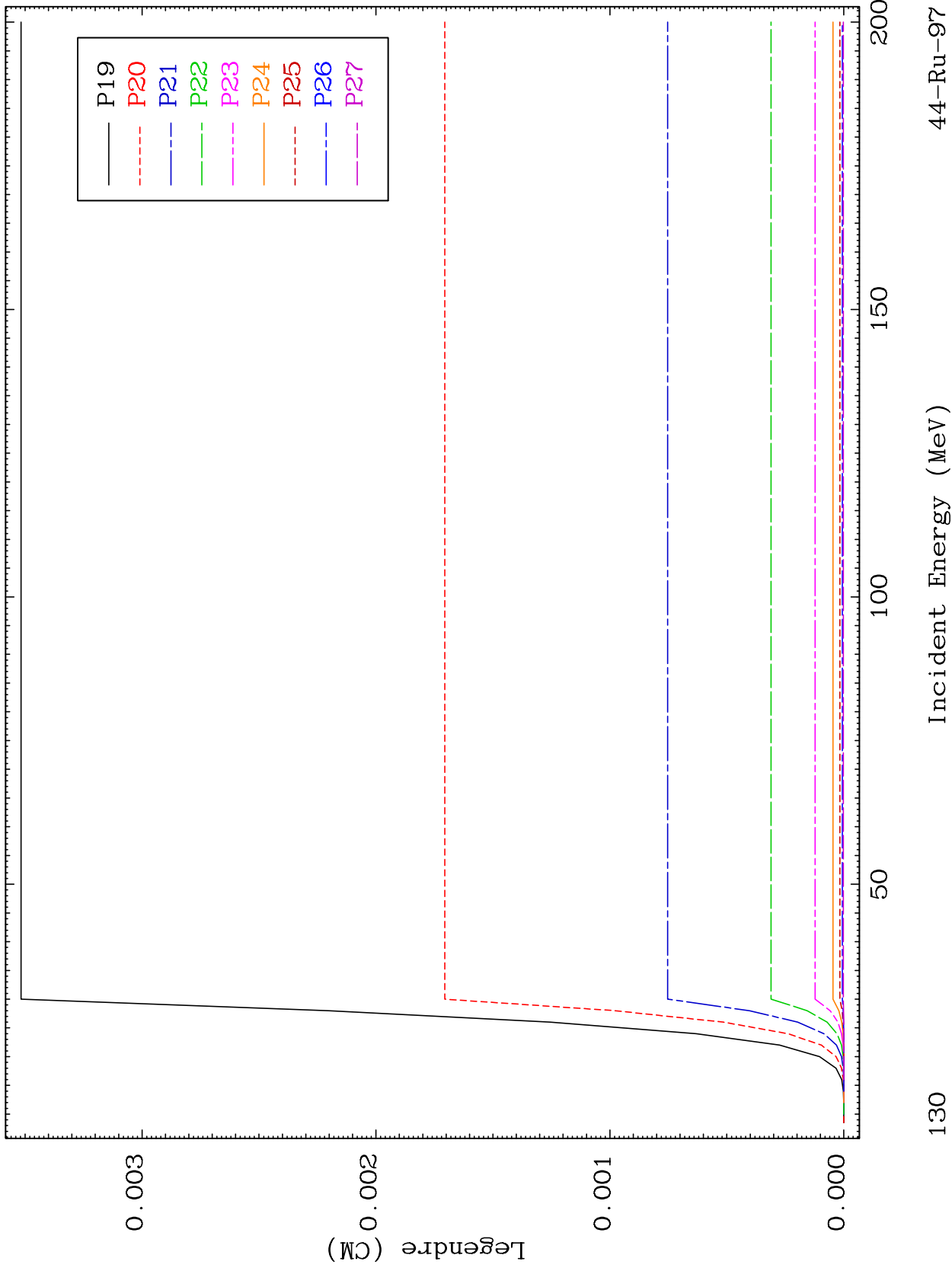
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



130

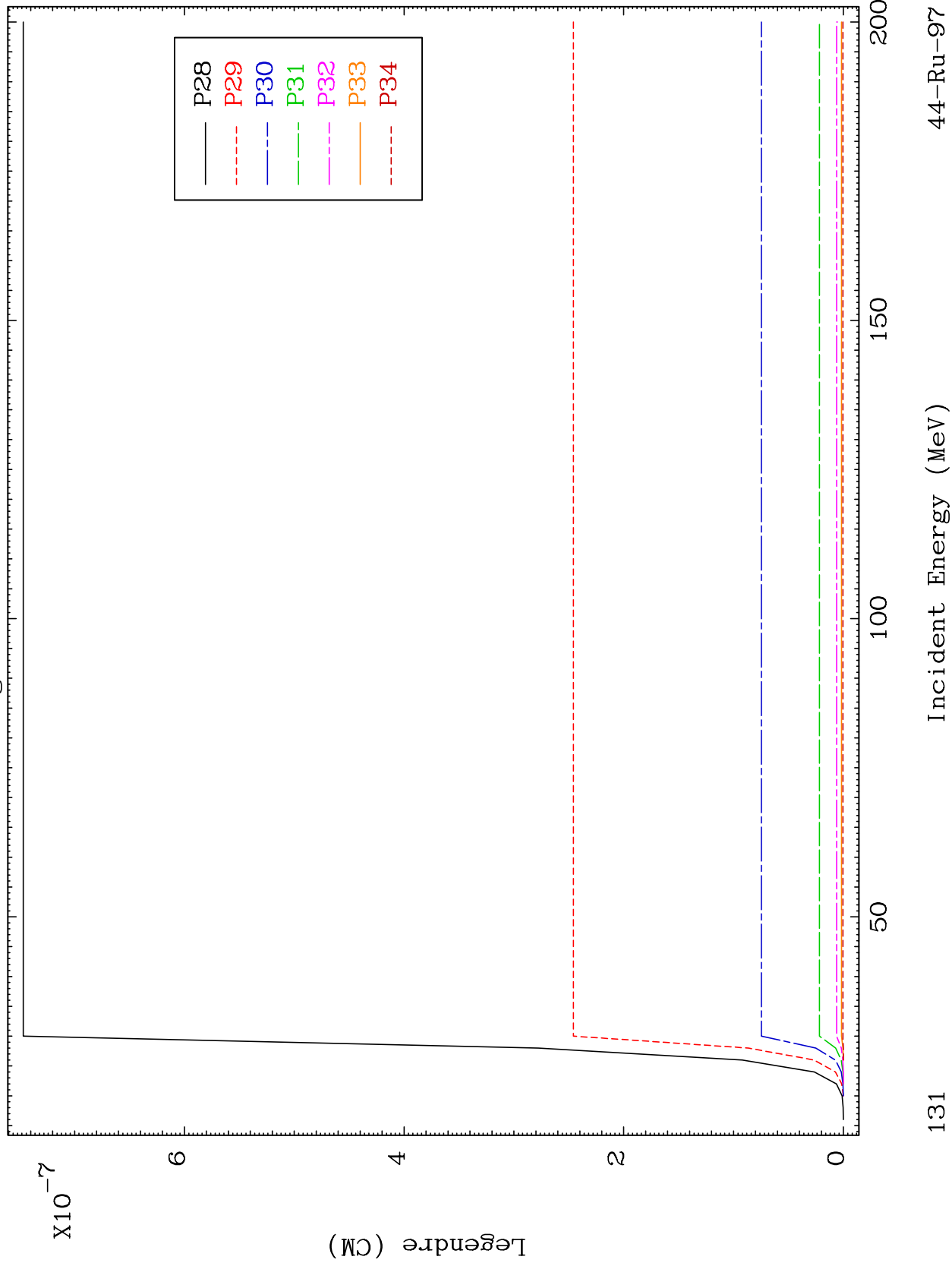
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

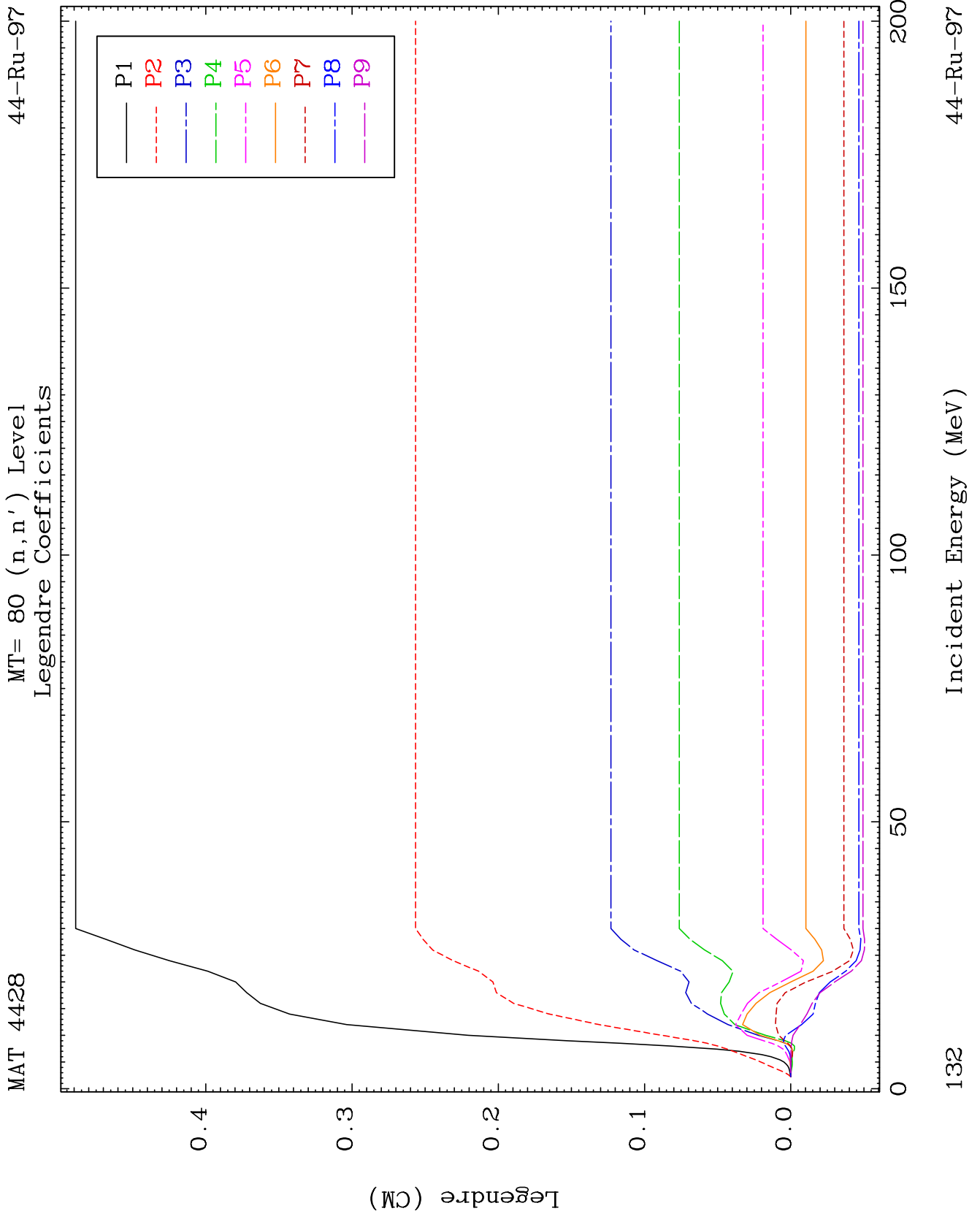
44-Ru-97



131

Incident Energy (MeV)

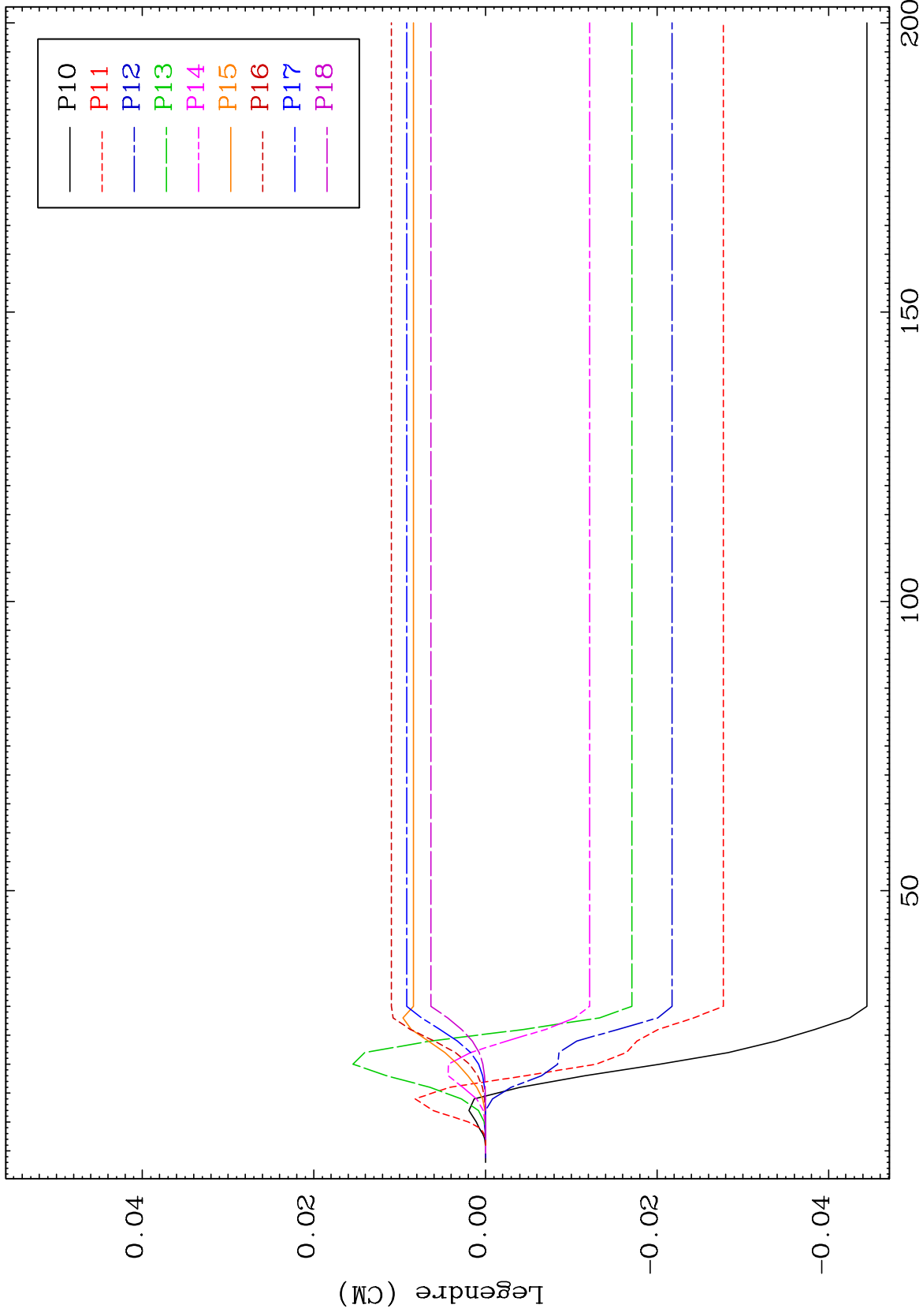
44-Ru-97



MAT 4428

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

44-Ru-97



133

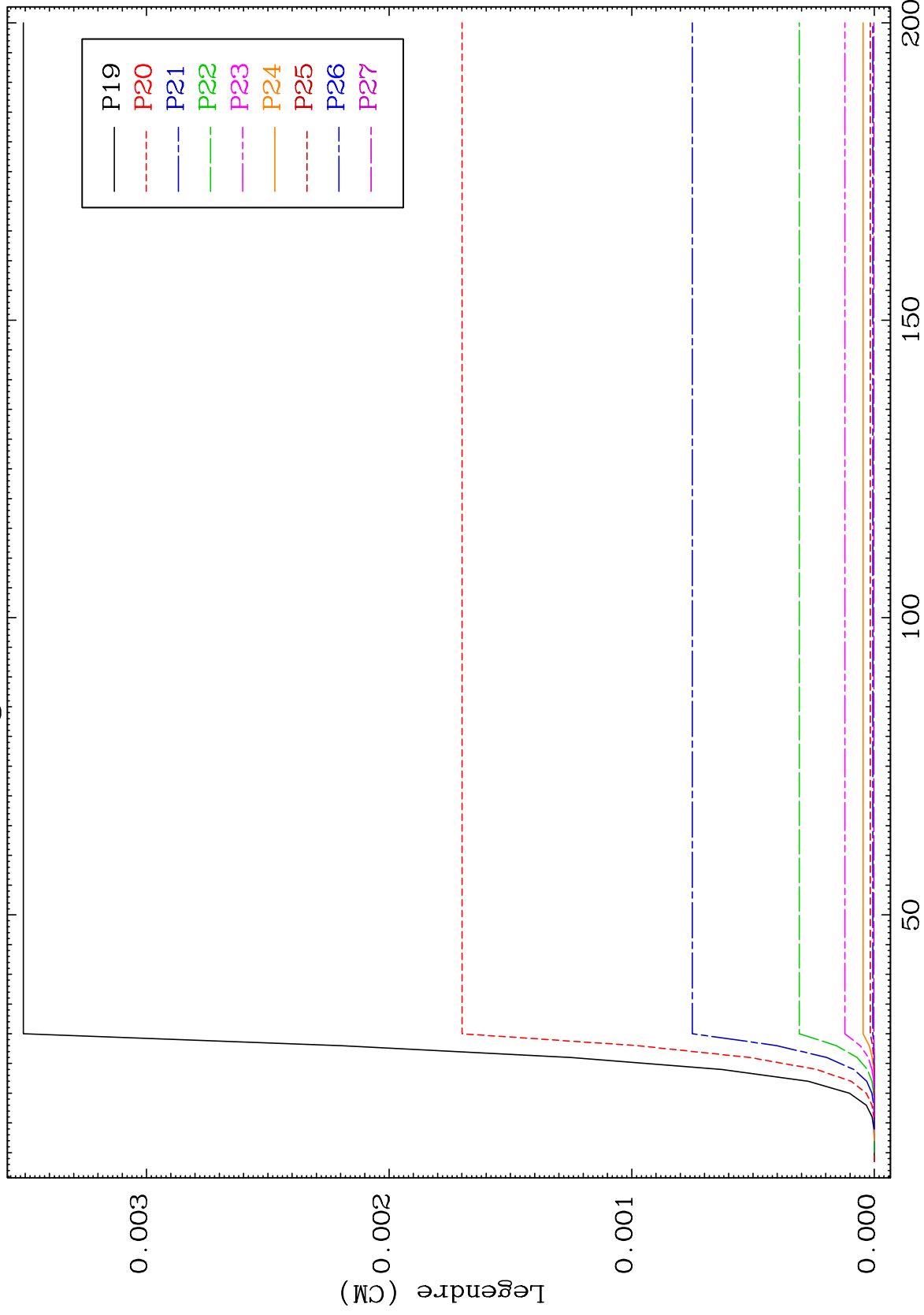
Incident Energy (MeV)

44-Ru-97

MAT 4428

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

44-Ru-97



134

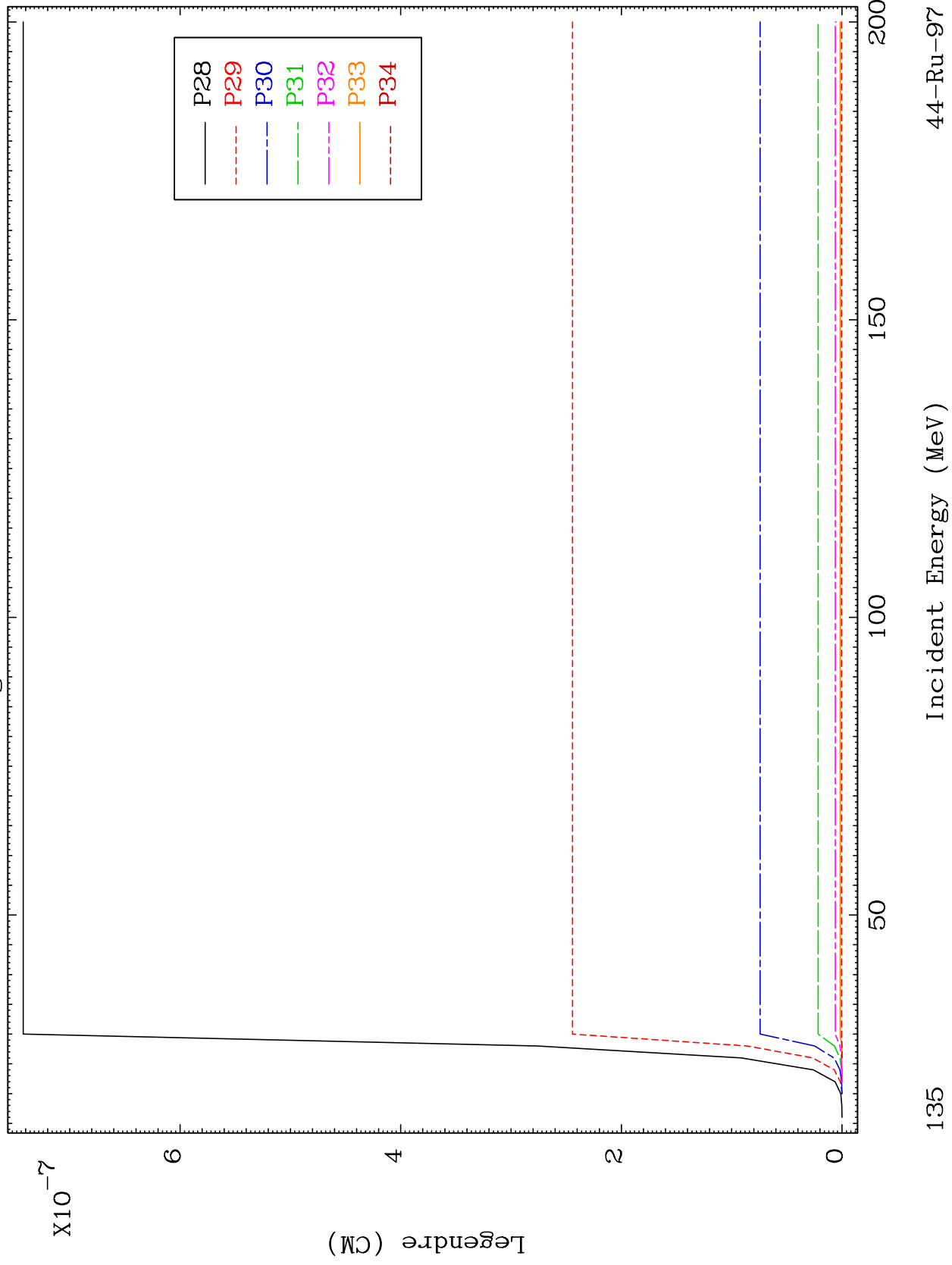
Incident Energy (MeV)

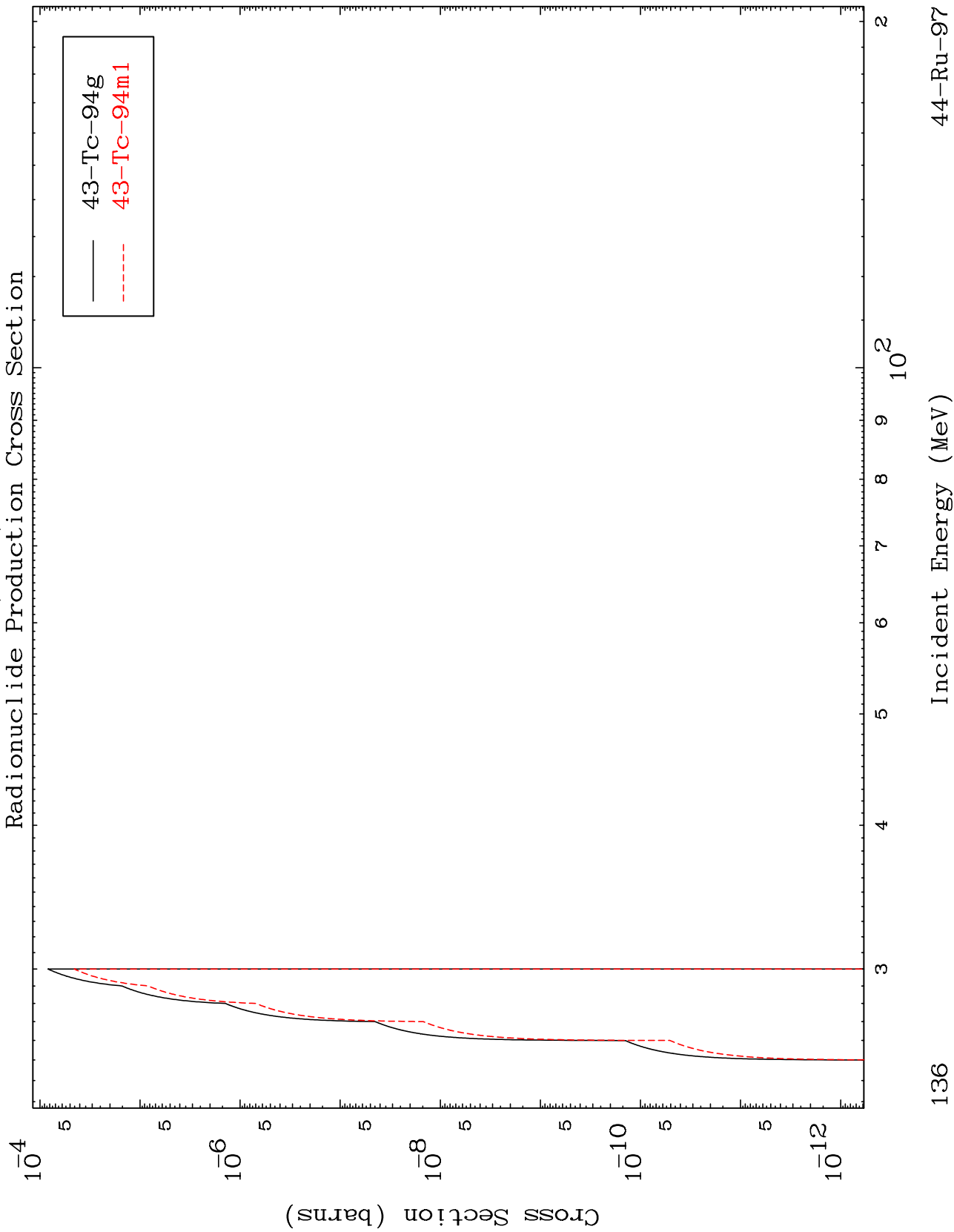
44-Ru-97

MAT 4428

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

44-Ru-97



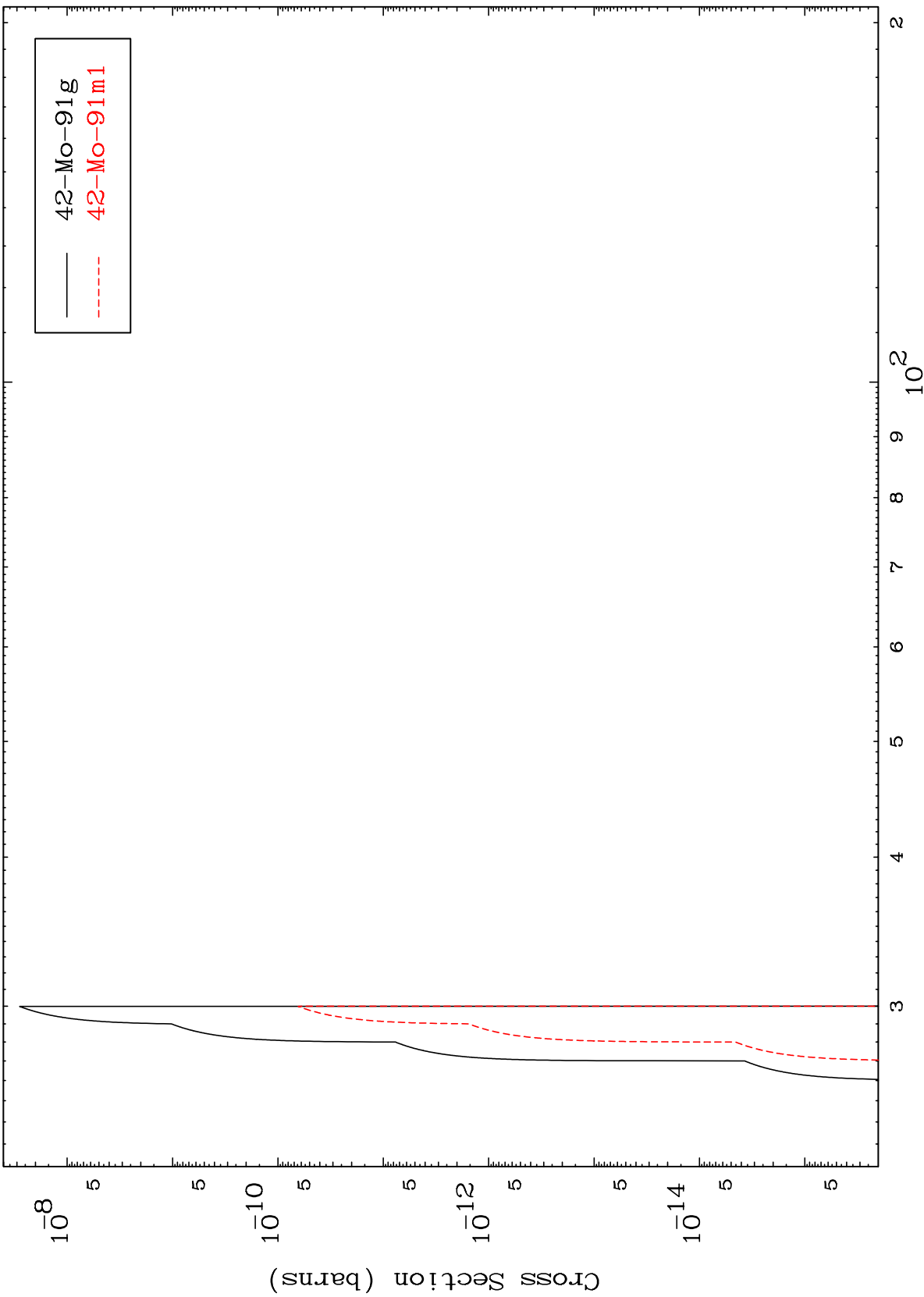


MAT 4428

(n,3n) α

44-Ru-97

Radionuclide Production Cross Section



137

Incident Energy (MeV)

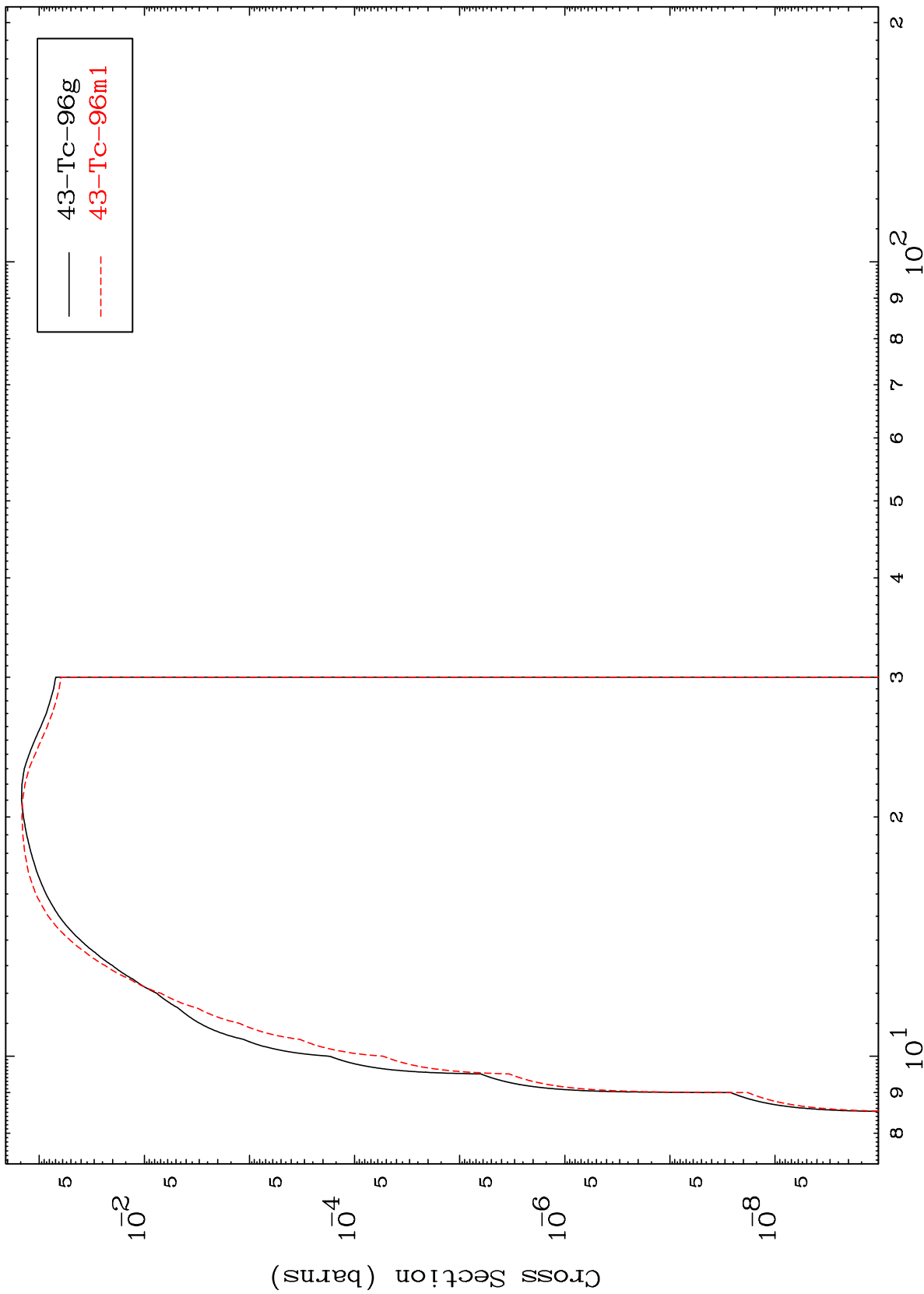
44-Ru-97

MAT 4428

(n,n') p

44-Ru-97

Radionuclide Production Cross Section

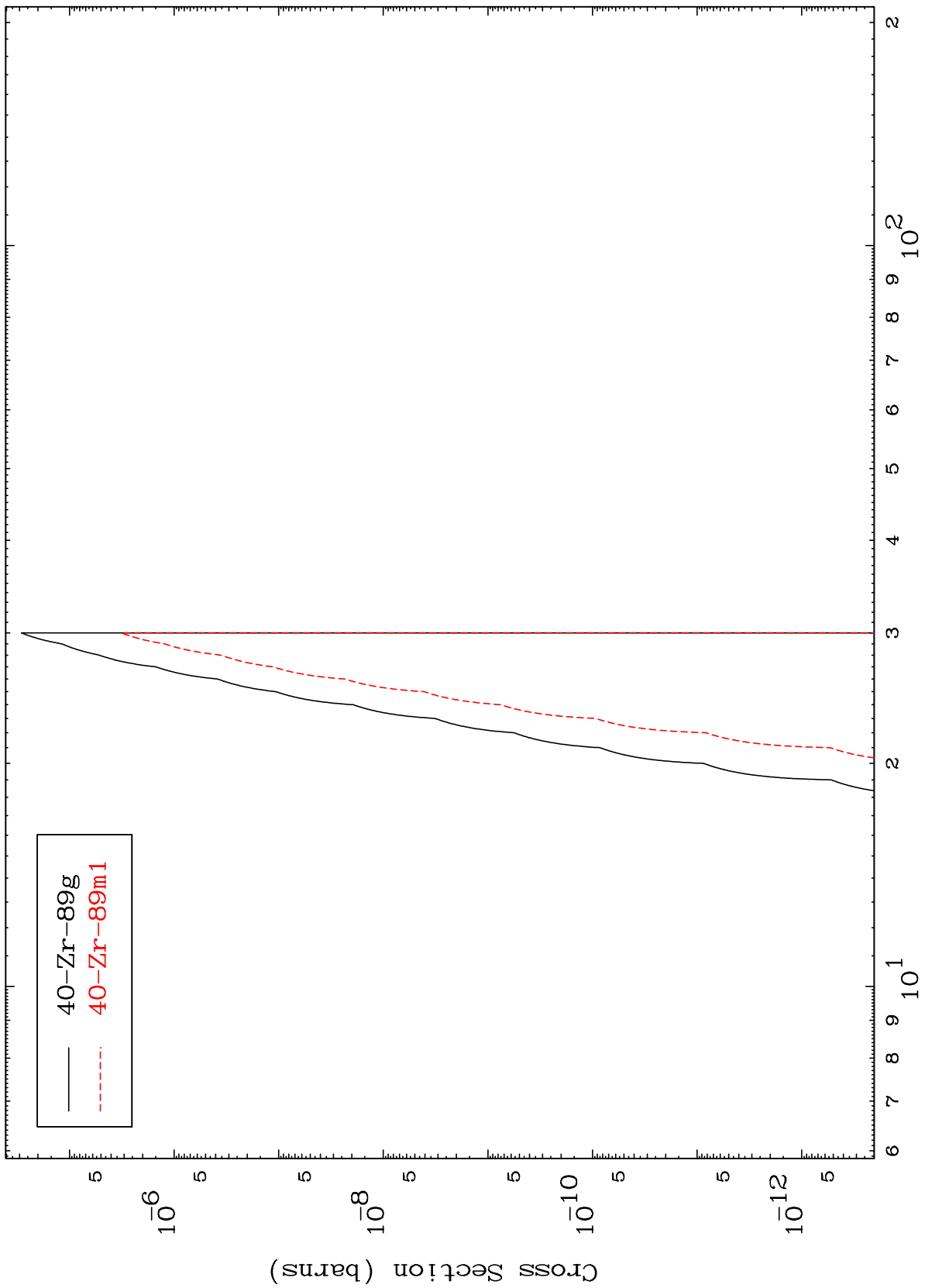


138

Incident Energy (MeV)

44-Ru-97

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

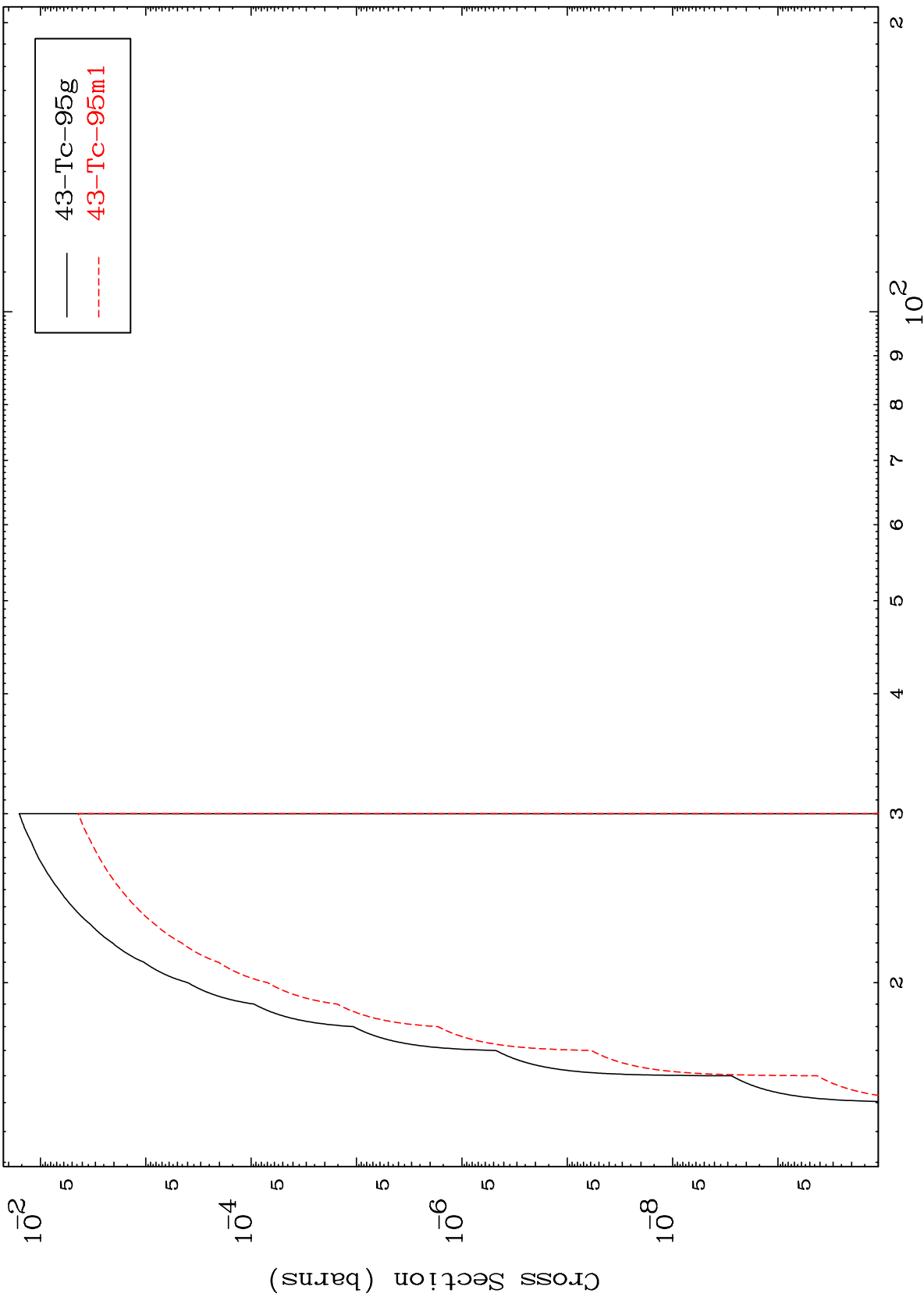


MAT 4428

(n,n') d

44-Ru-97

Radionuclide Production Cross Section

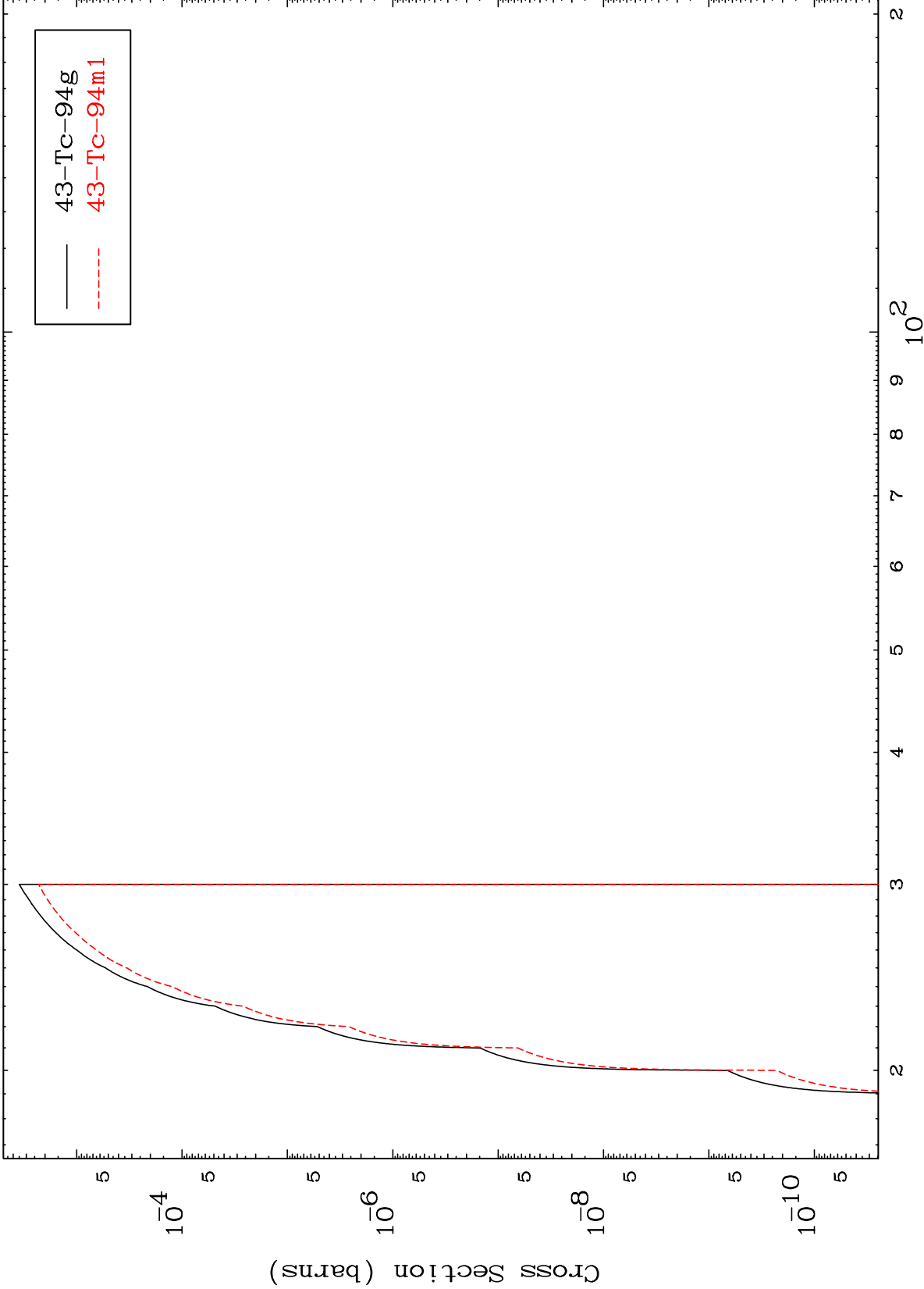


140

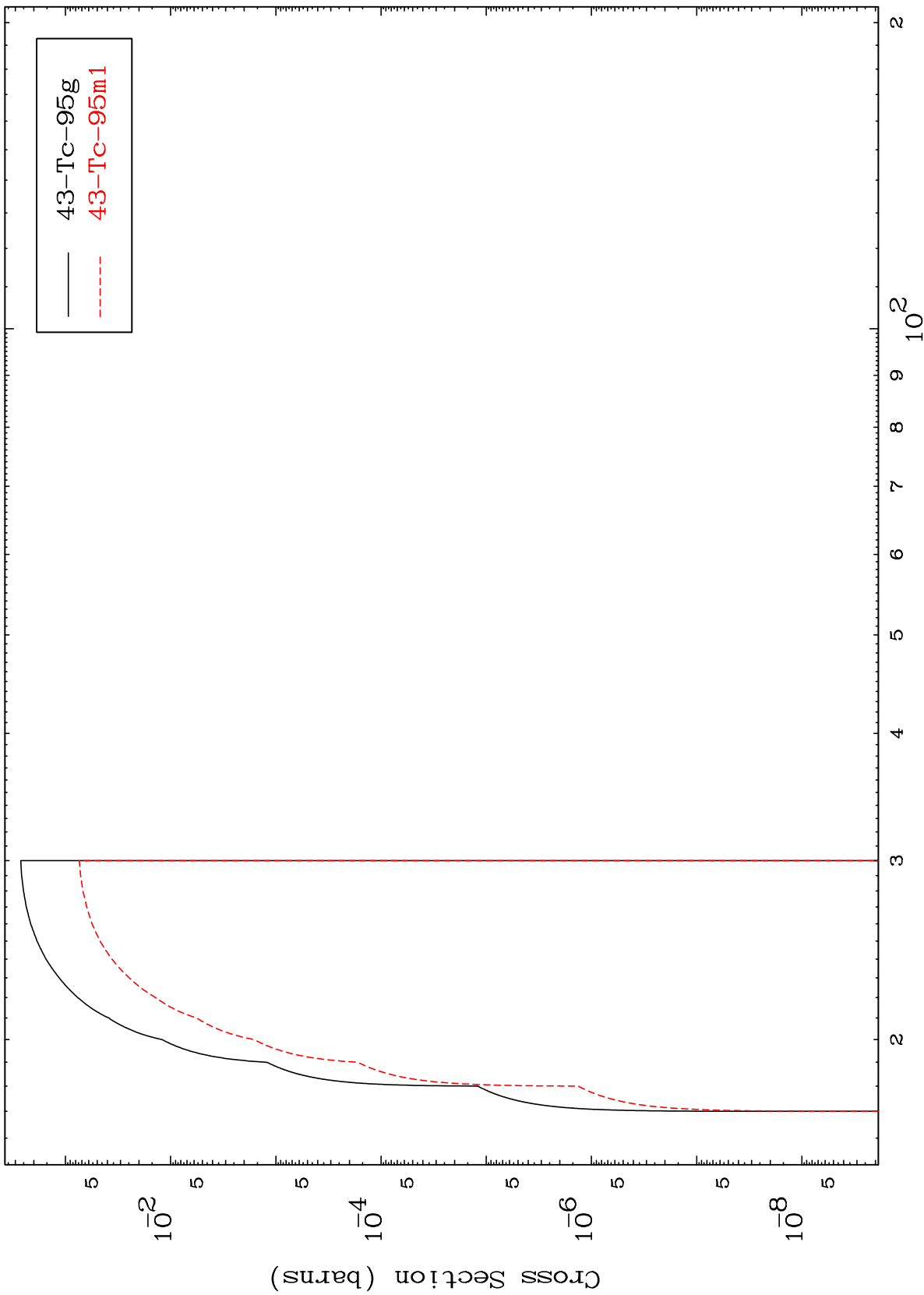
Incident Energy (MeV)

44-Ru-97

Radionuclide Production Cross Section

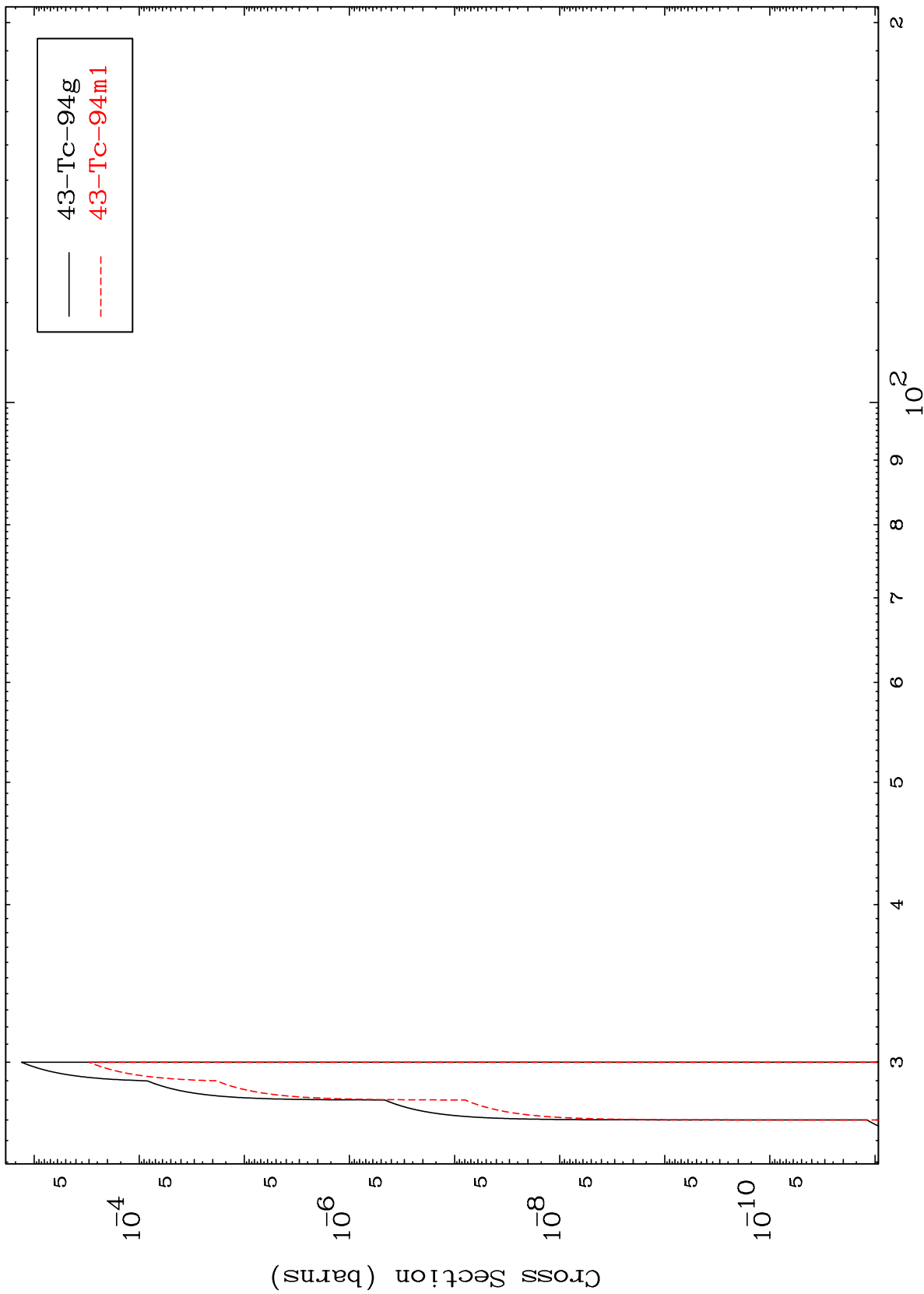


Radionuclide Production Cross Section



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

Radionuclide Production Cross Section

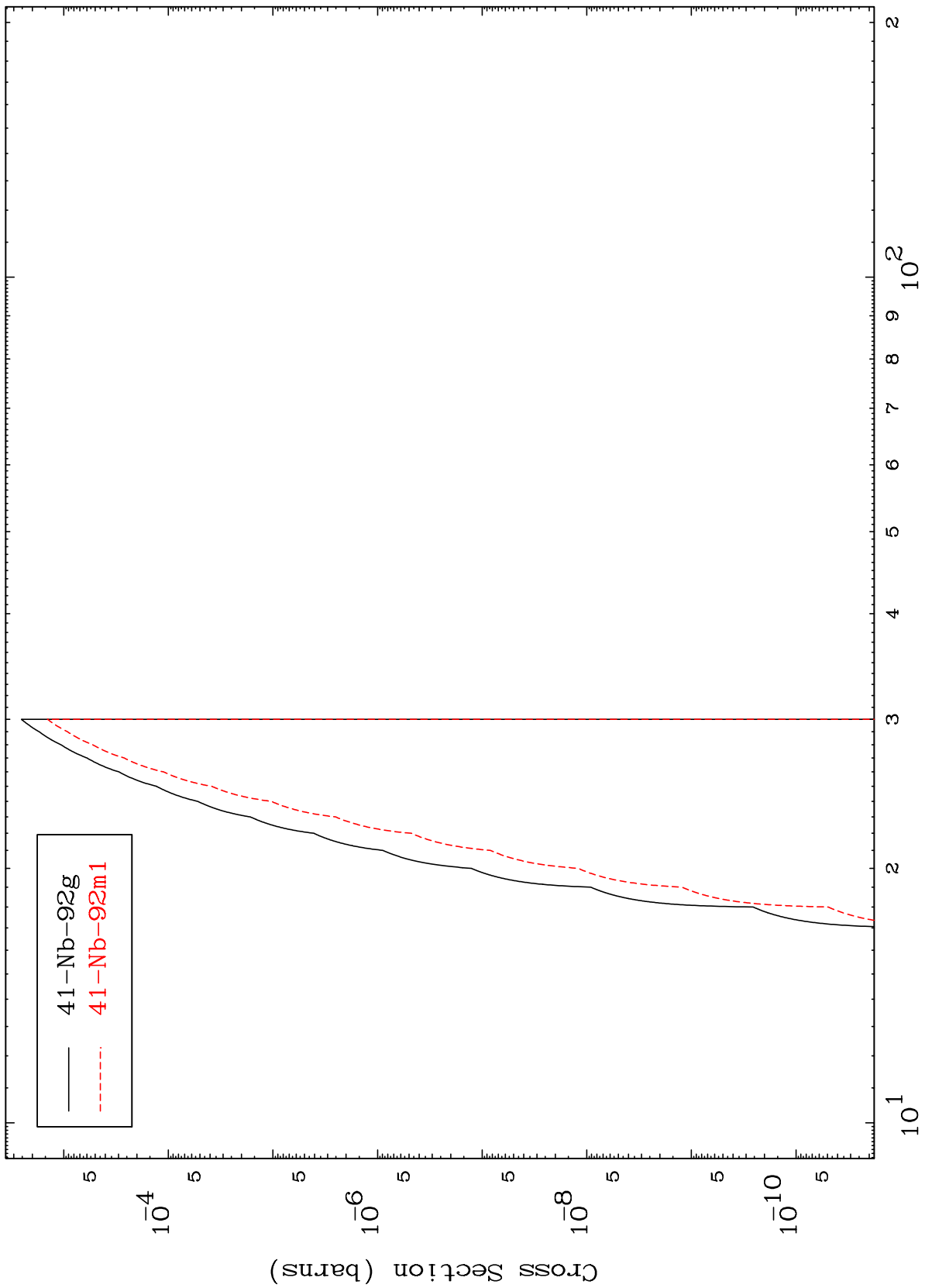


MAT 4428

(n,n') p α

44-Ru-97

Radionuclide Production Cross Section



Incident Energy (MeV)

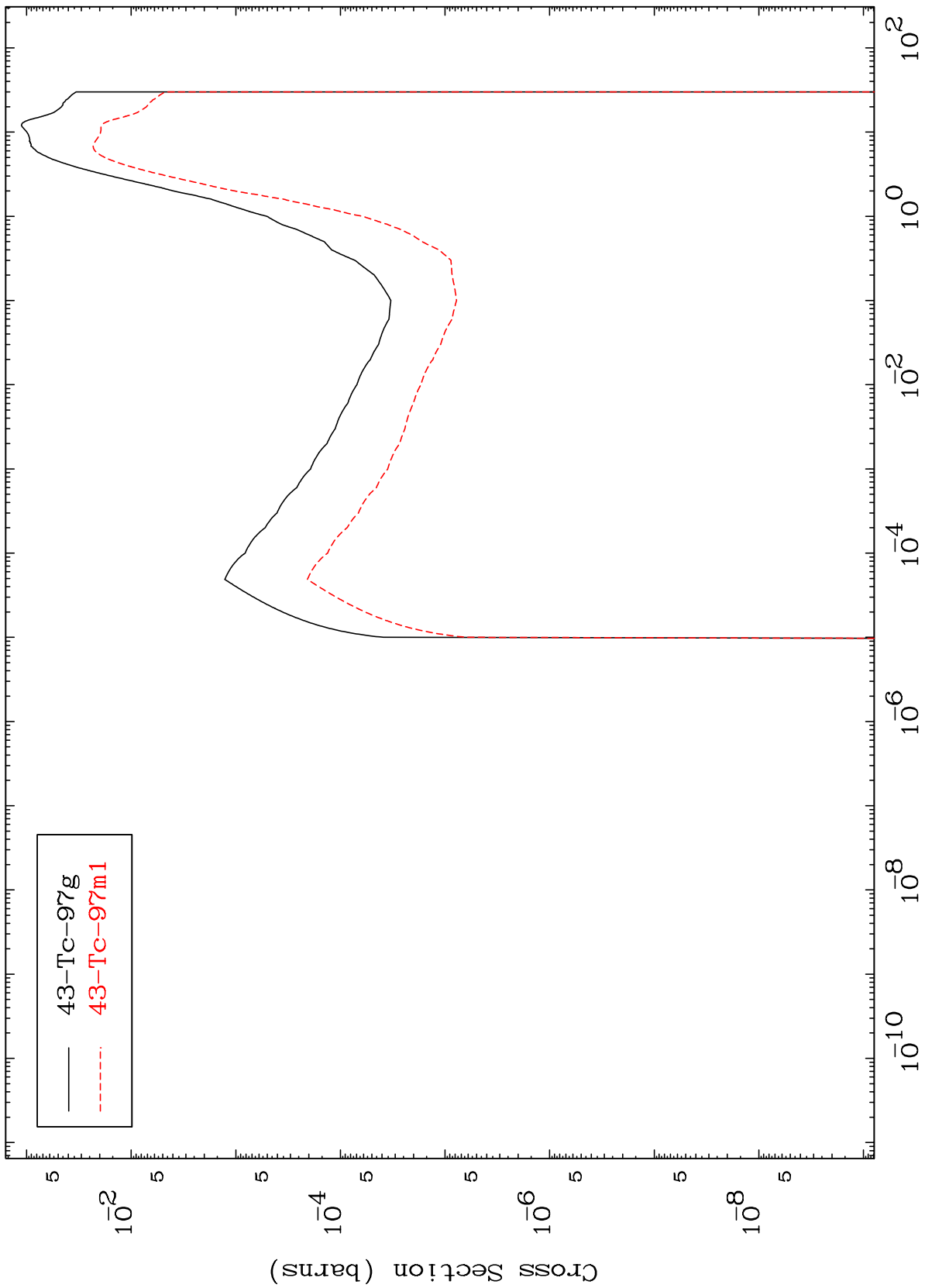
44-Ru-97

144

MAT 4428

44-Ru-97

(n,p)
Radionuclide Production Cross Section



44-Ru-97

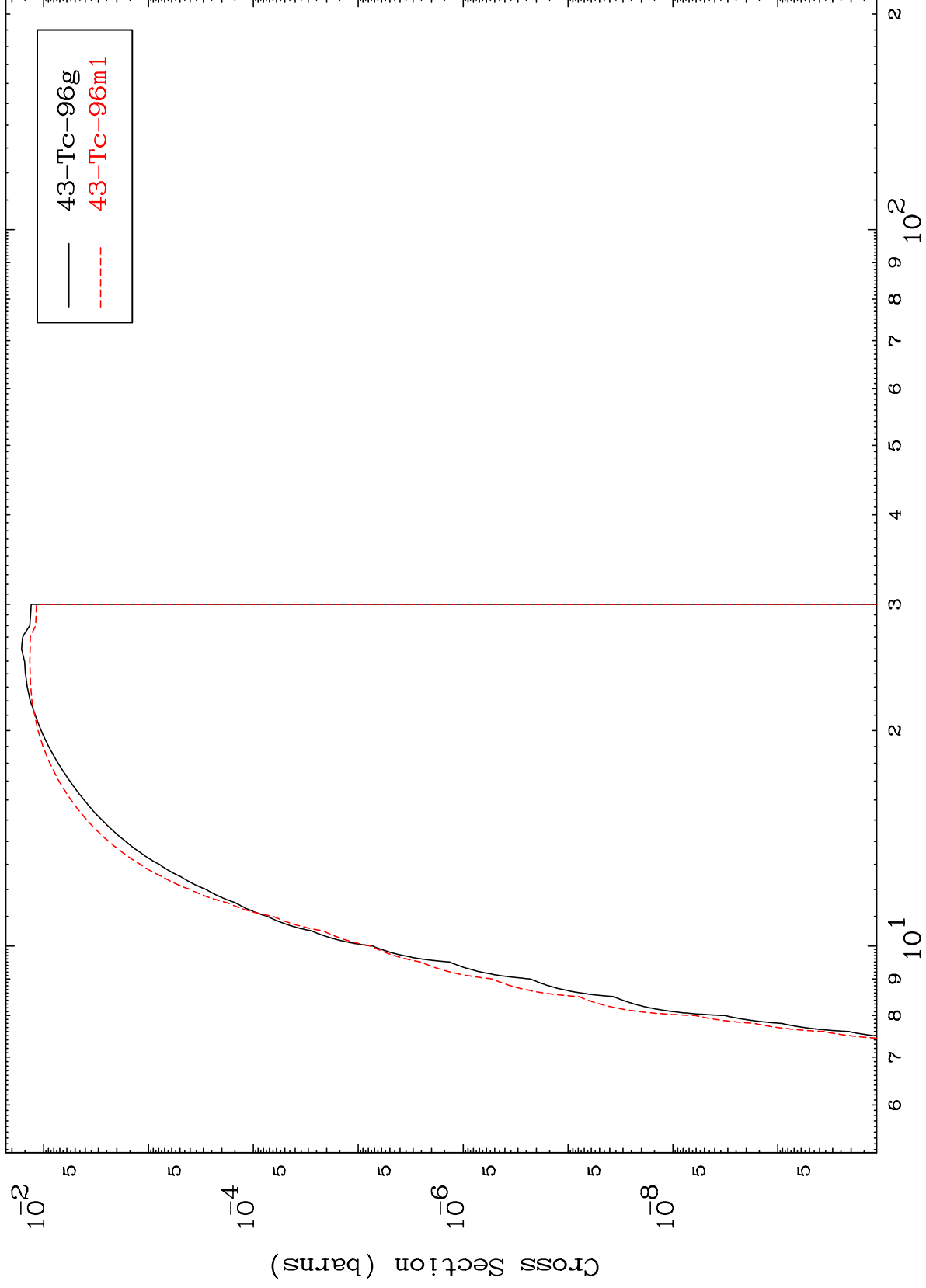
Incident Energy (MeV)

145

MAT 4428

44-Ru-97

(n,d)
Radionuclide Production Cross Section



44-Ru-97

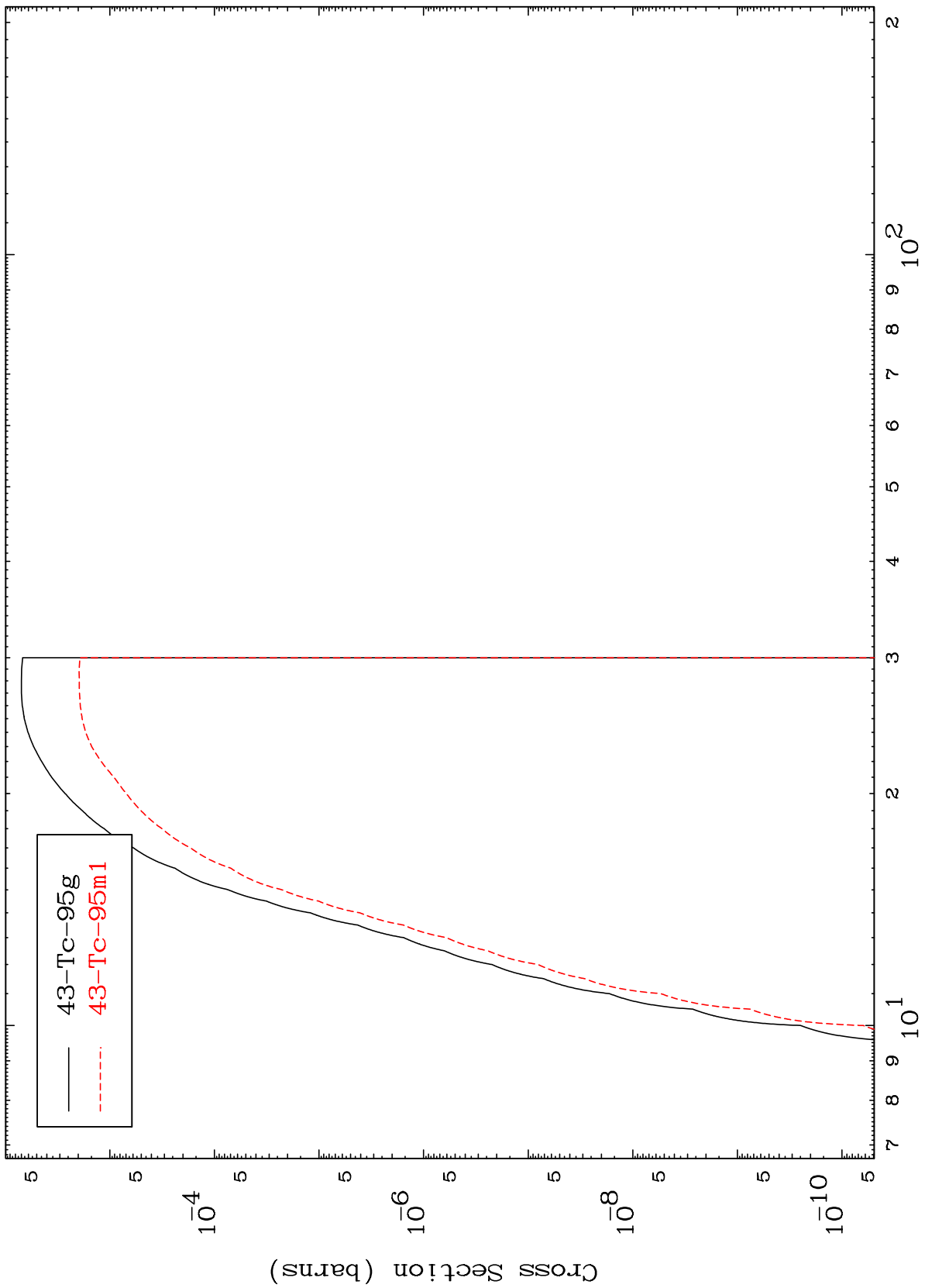
Incident Energy (MeV)

146

MAT 4428

44-Ru-97

(n, t)
Radionuclide Production Cross Section



44-Ru-97

Incident Energy (MeV)

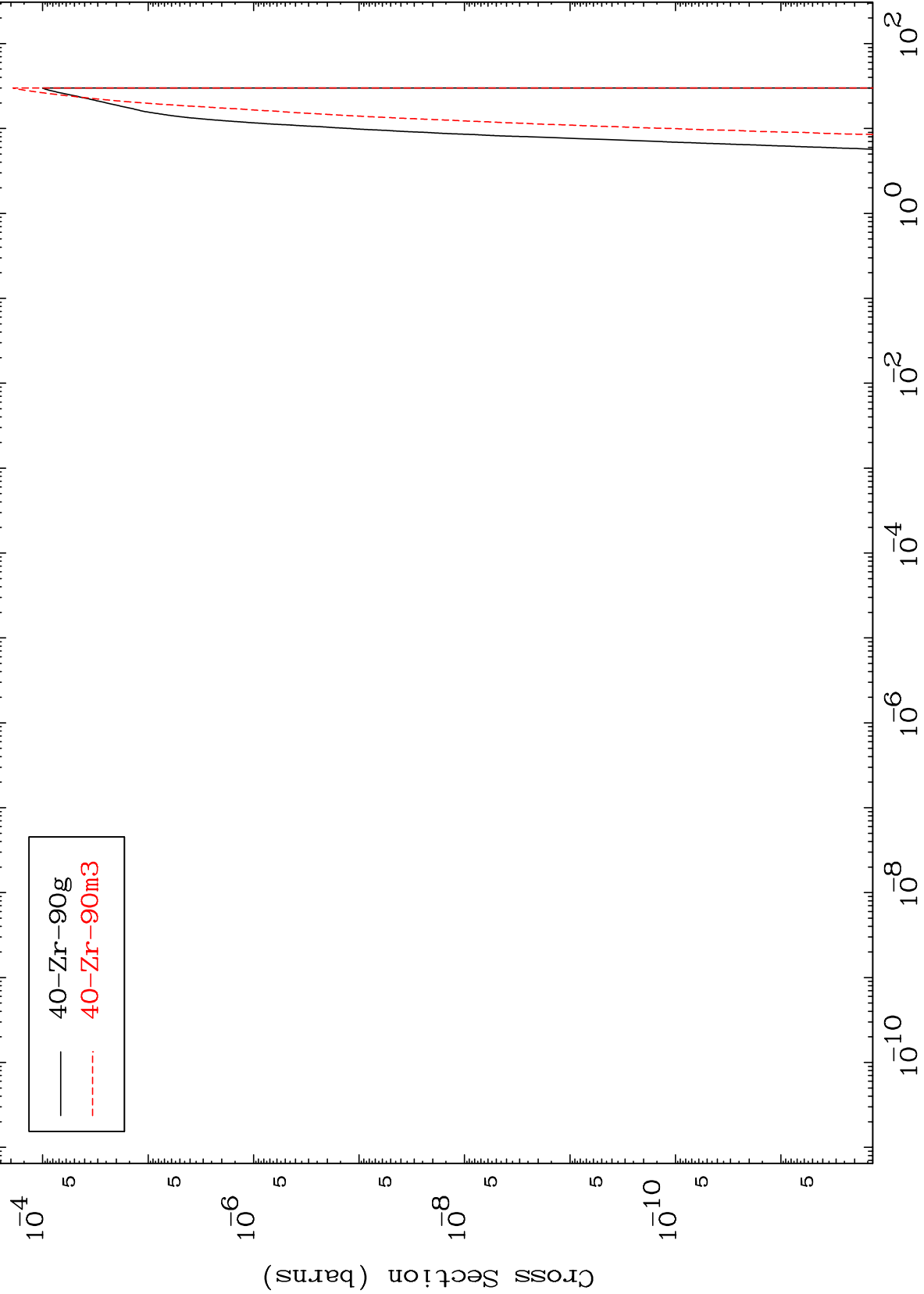
147

MAT 4428

(n,2α)

44-Ru-97

Radionuclide Production Cross Section



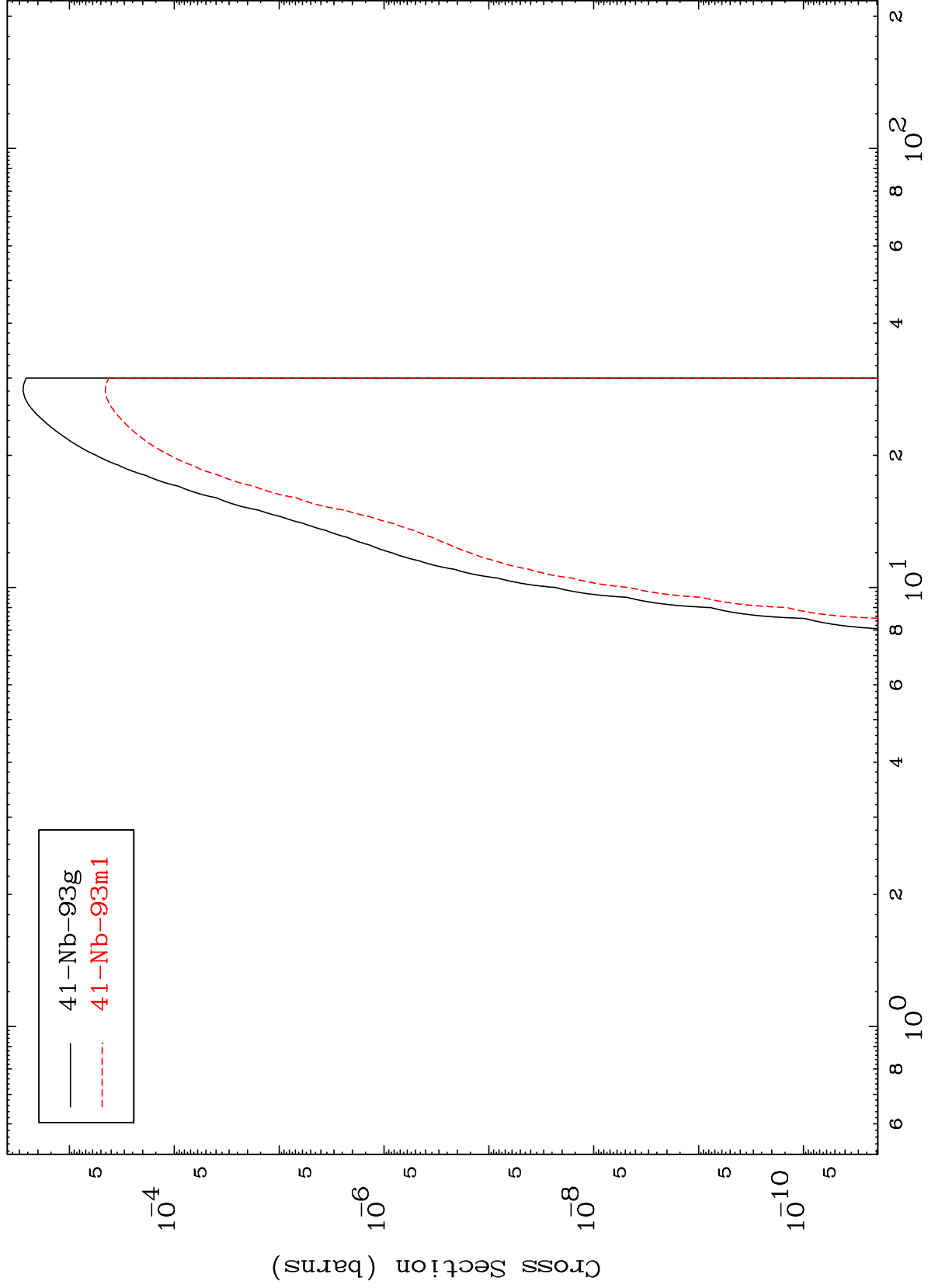
— 40-Zr-90g
- - - 40-Zr-90m3

MAT 4428

(n,p) α

44-Ru-97

Radionuclide Production Cross Section



149

Incident Energy (MeV)

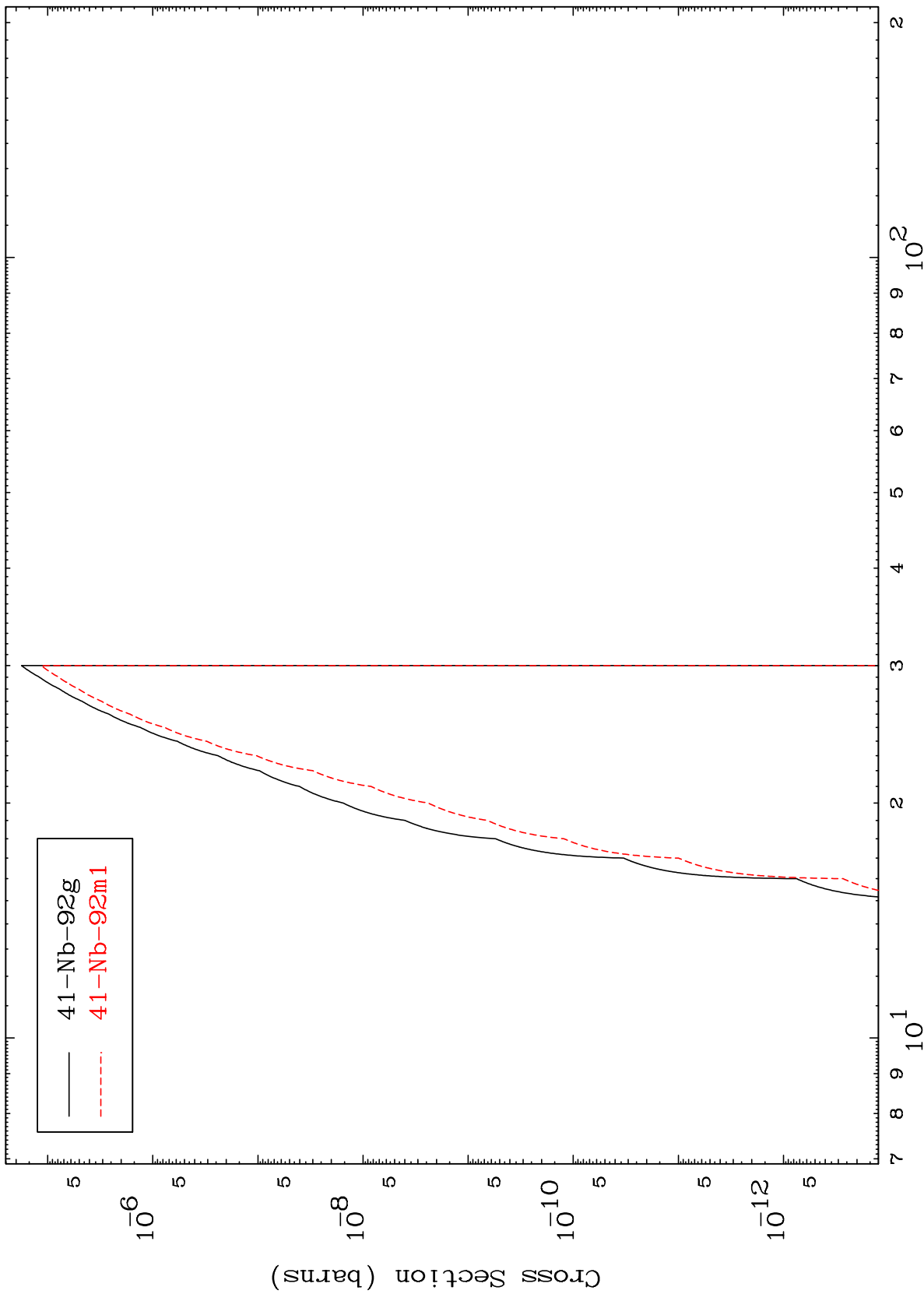
44-Ru-97

MAT 4428

(n,d) α

44-Ru-97

Radionuclide Production Cross Section



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

150

Incident Energy (MeV)

44-Ru-97