

Program EVALPLOT  
(Version 2018-1)

by

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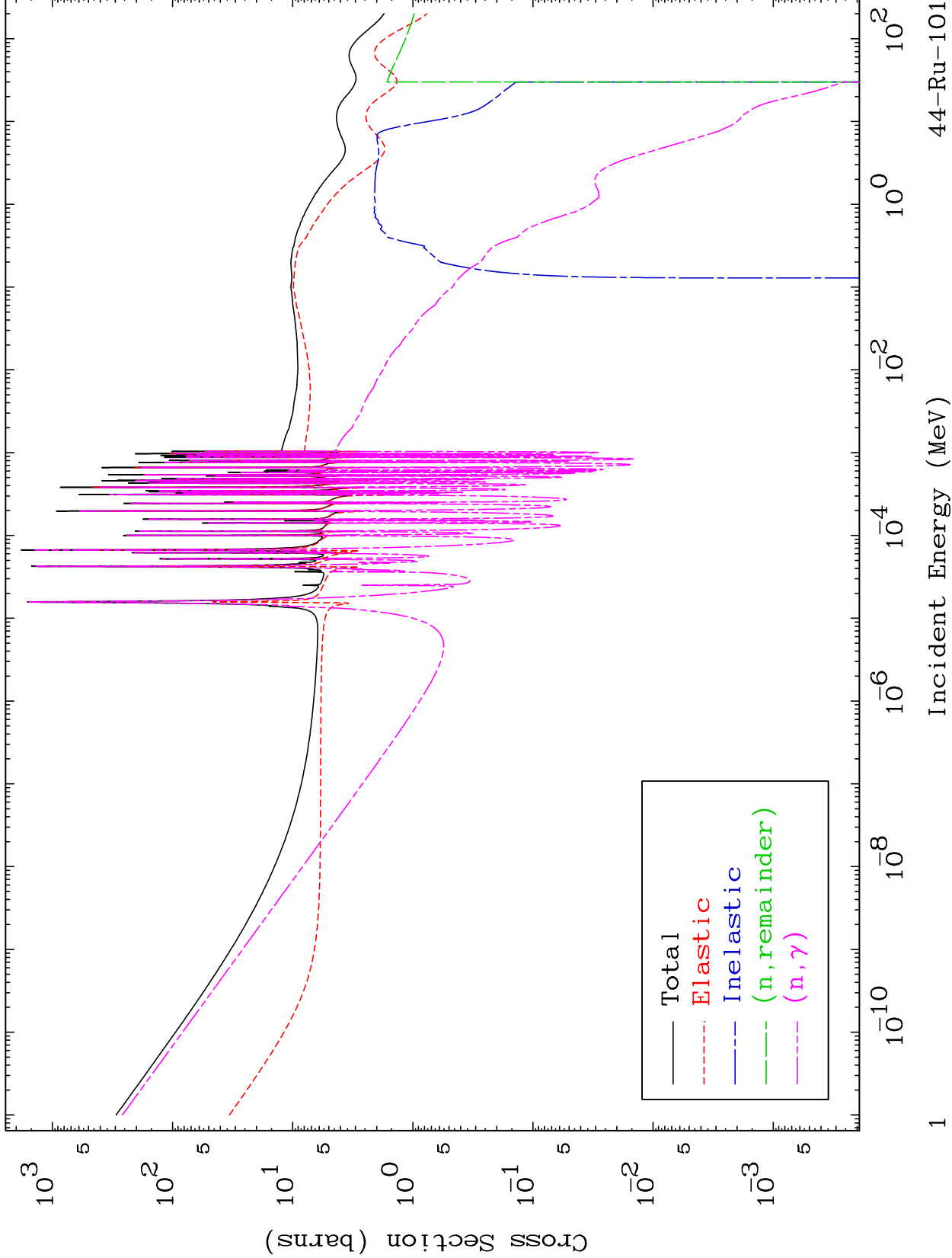
Press Mouse Button to Start

MAT 4440

Major

293 Kelvin Cross Sections

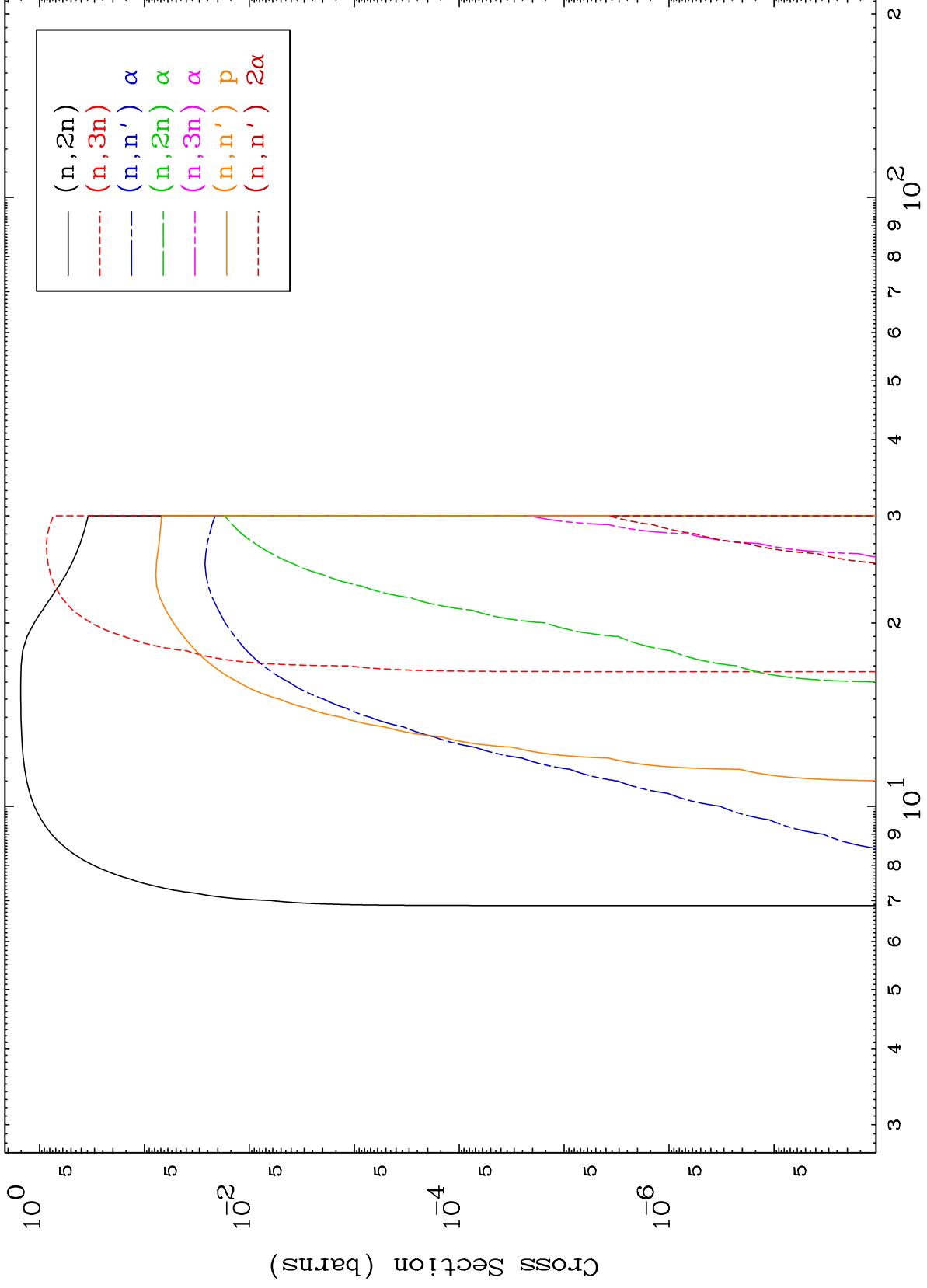
44-Ru-101



MAT 4440

Neutron Production  
293 Kelvin Cross Sections

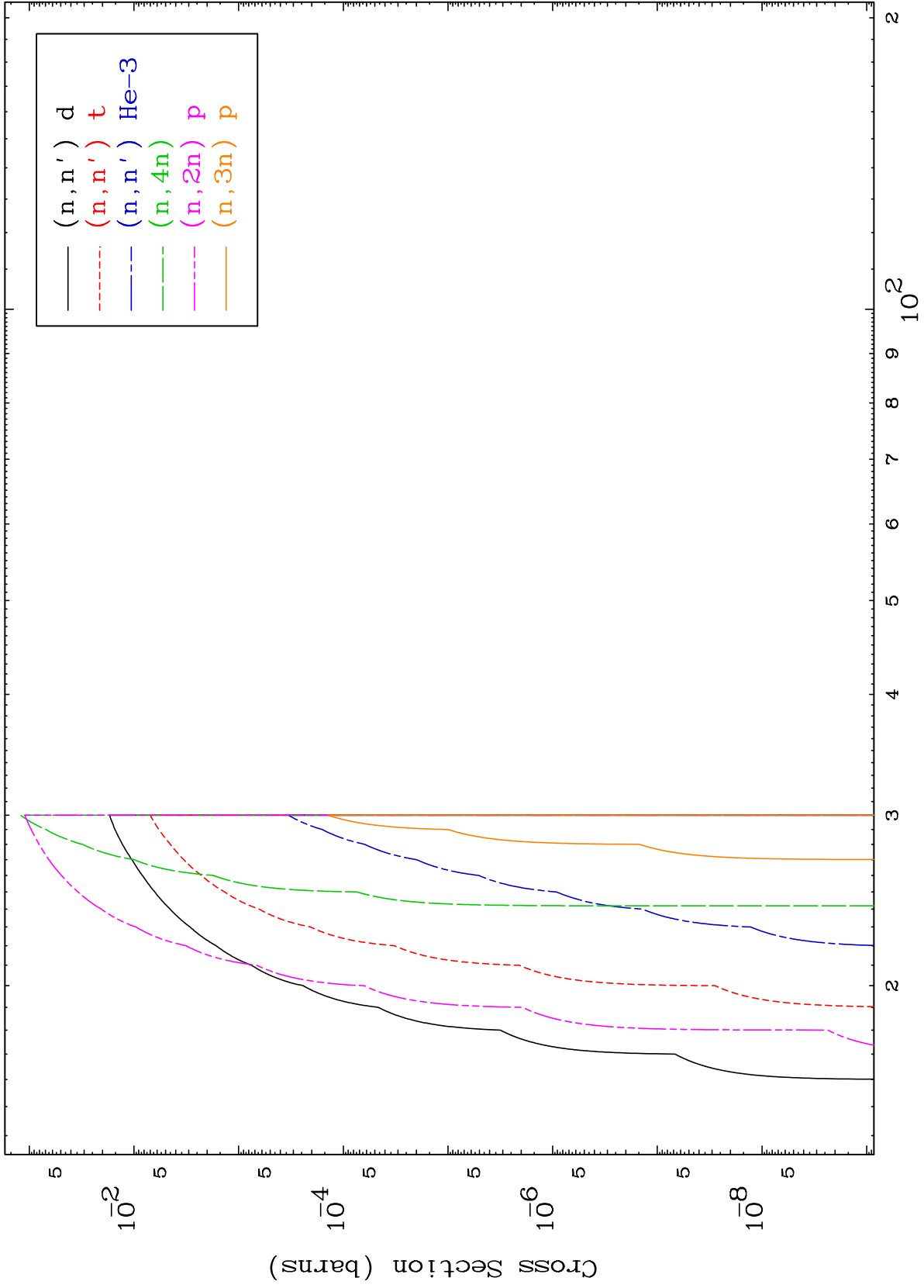
44-Ru-101



2

Incident Energy (MeV)

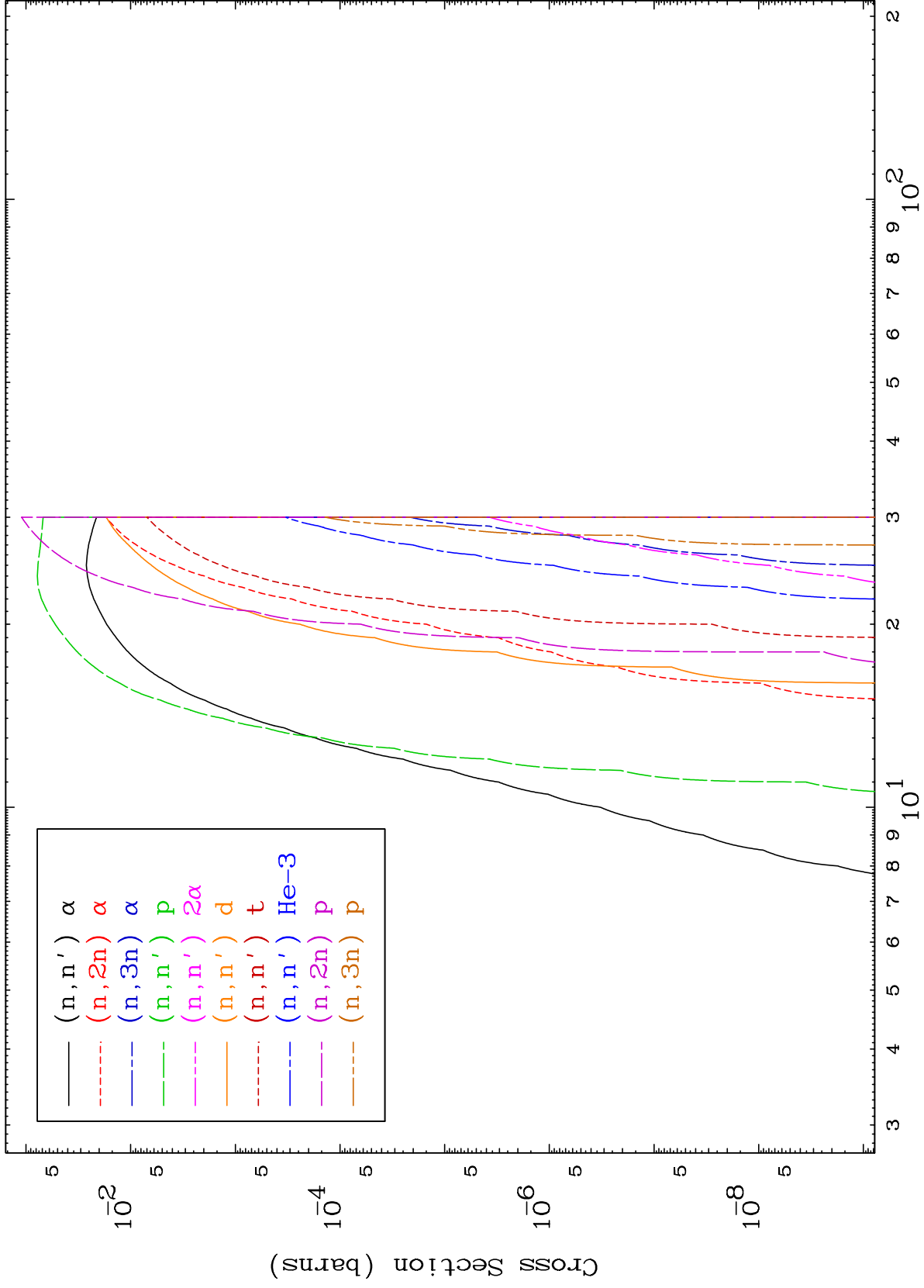
44-Ru-101



MAT 4440

Charged Particle  
293 Kelvin Cross Sections

44-Ru-101



4

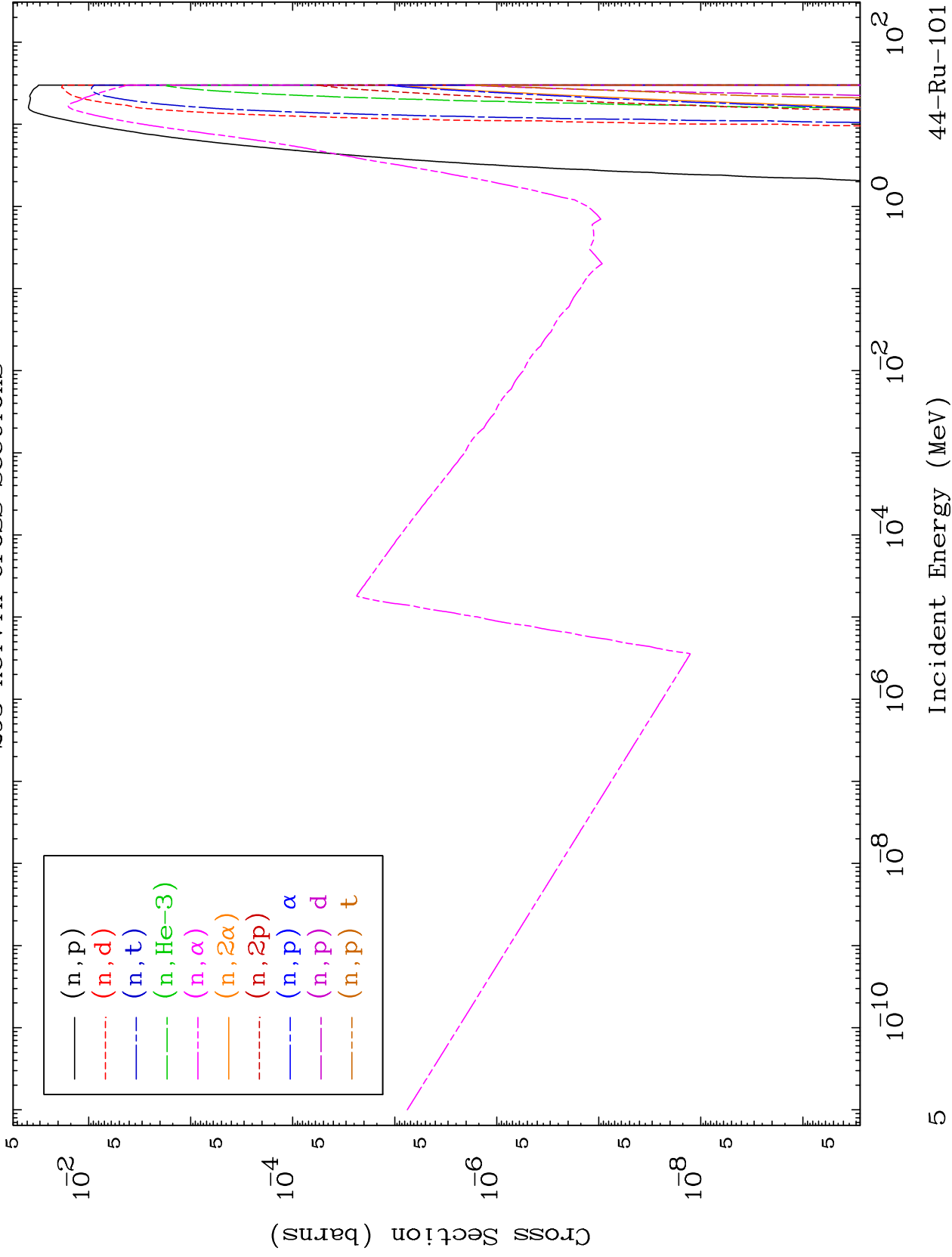
Incident Energy (MeV)

44-Ru-101

MAT 4440

Charged Particle  
293 Kelvin Cross Sections

44-Ru-101

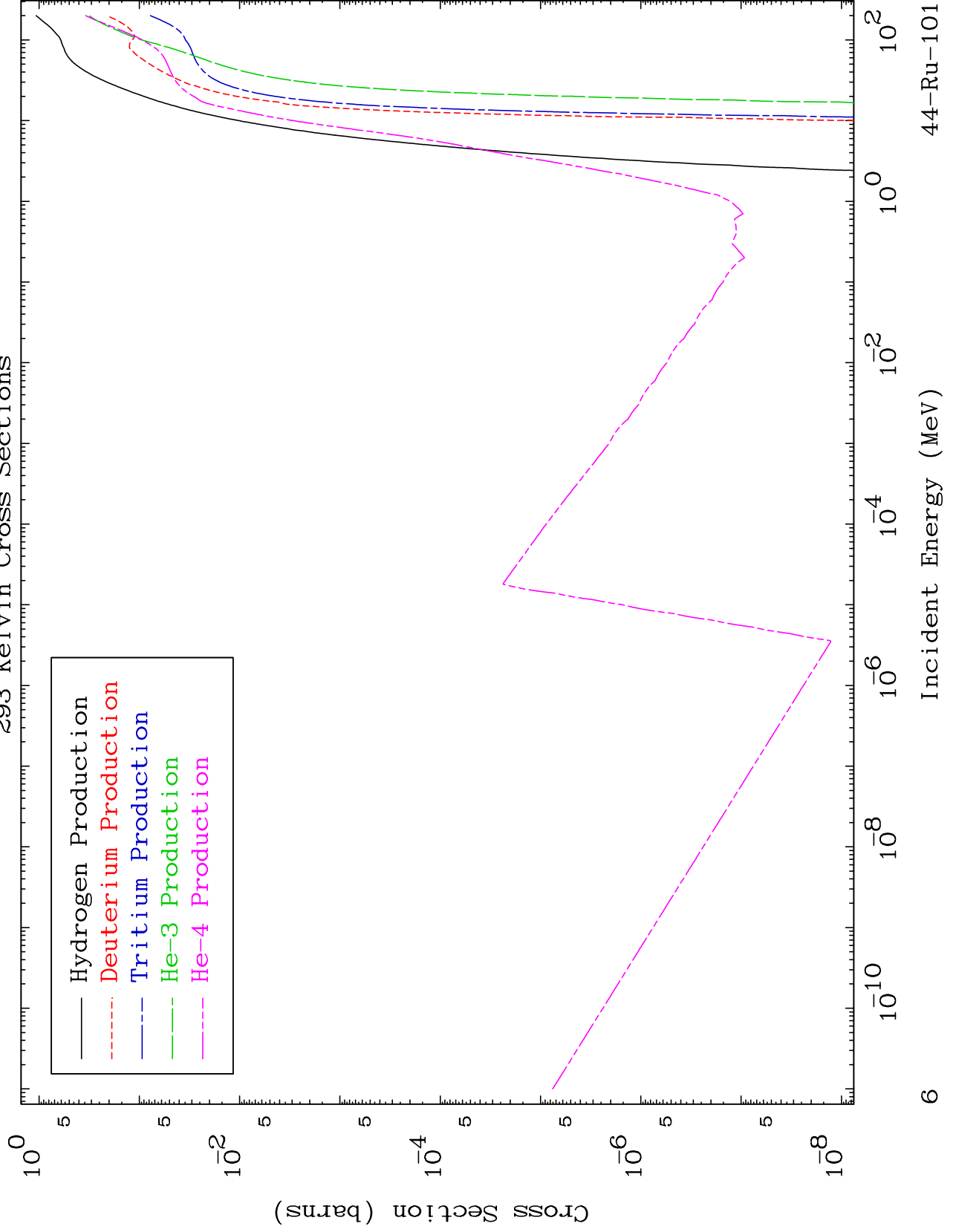


5

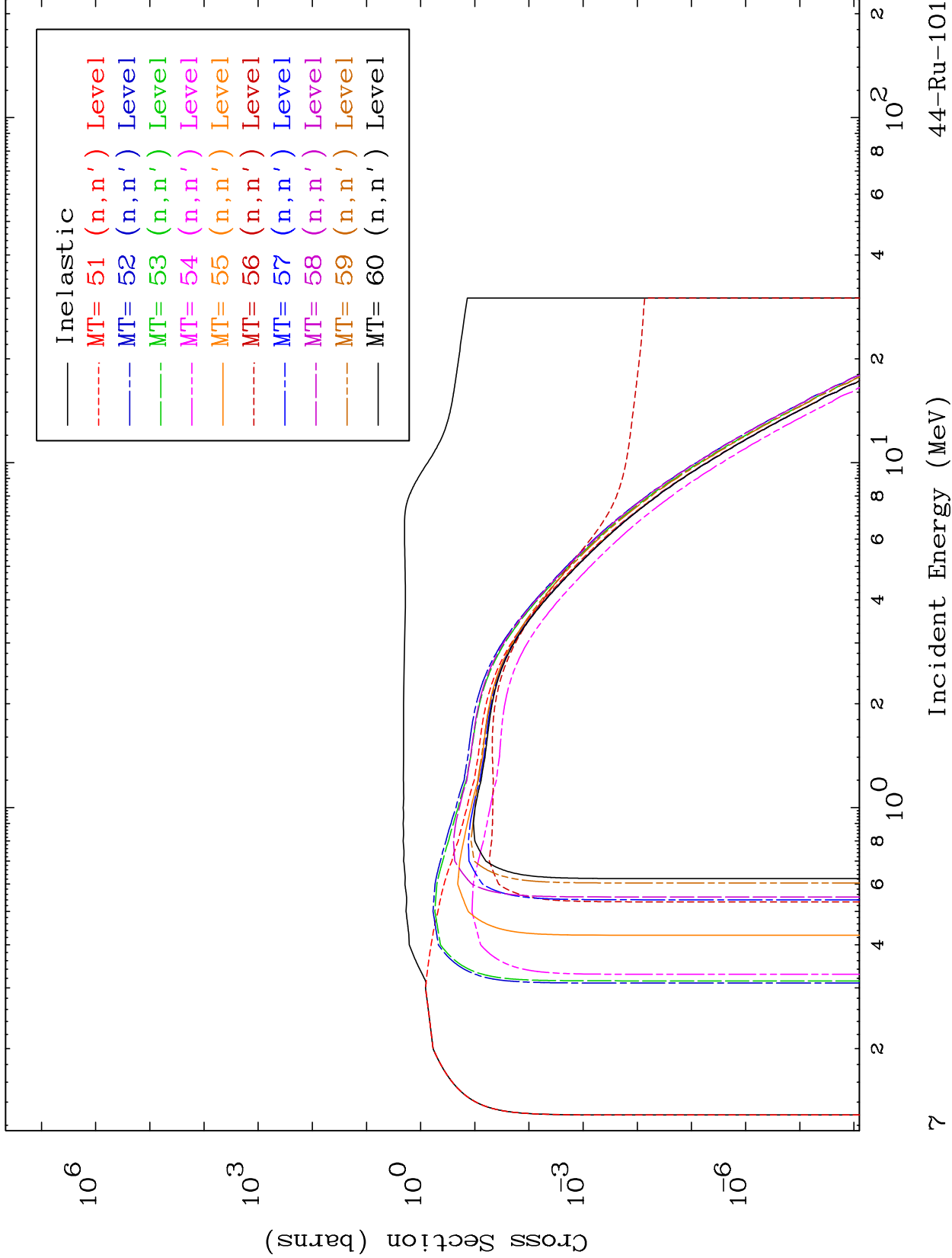
MAT 4440

Particle Production  
293 Kelvin Cross Sections

44-Ru-101



293 Kelvin Cross Sections



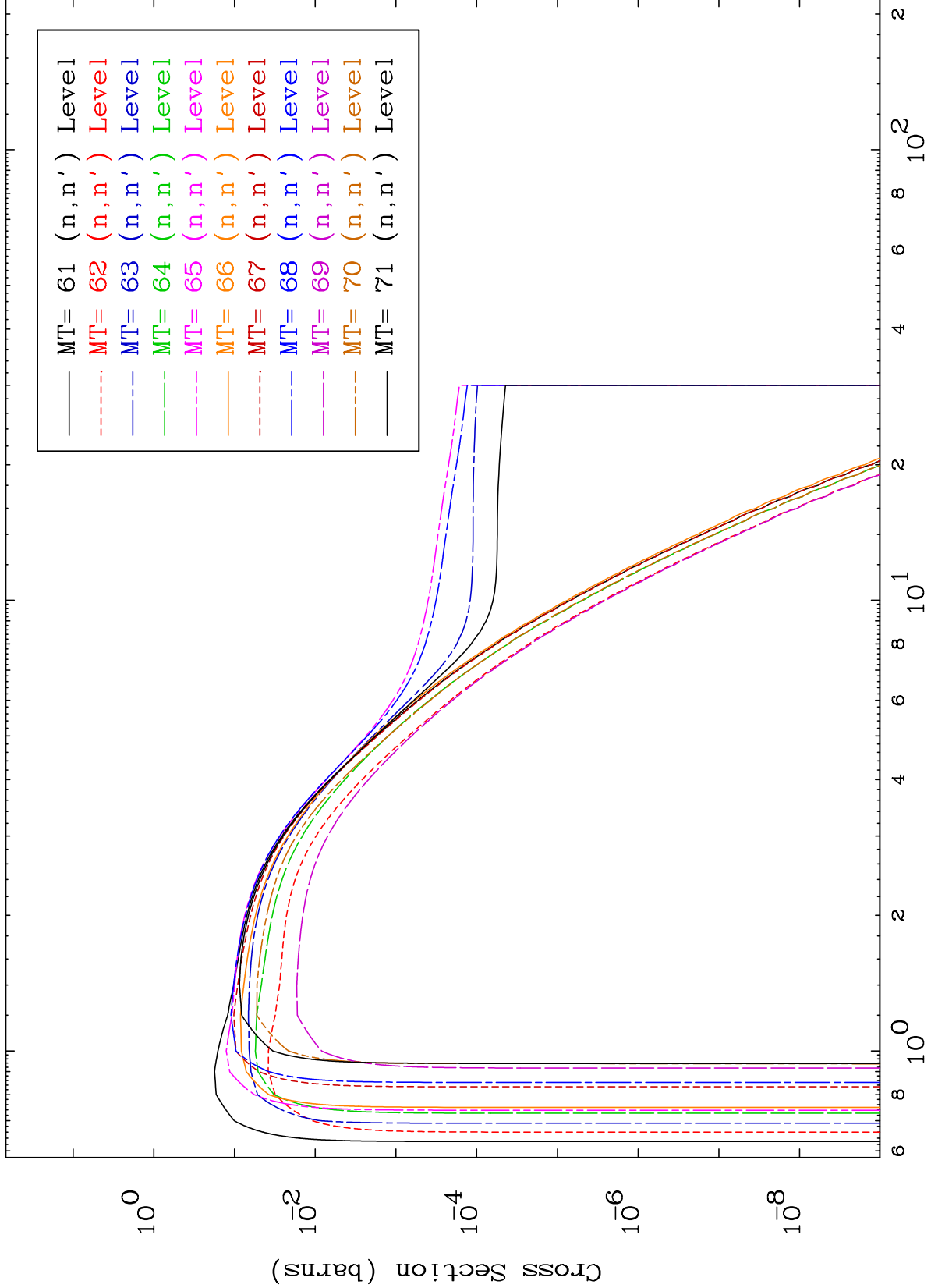


MAT 4440

(n,n') Level

44-Ru-101

293 Kelvin Cross Sections



Incident Energy (MeV)

44-Ru-101

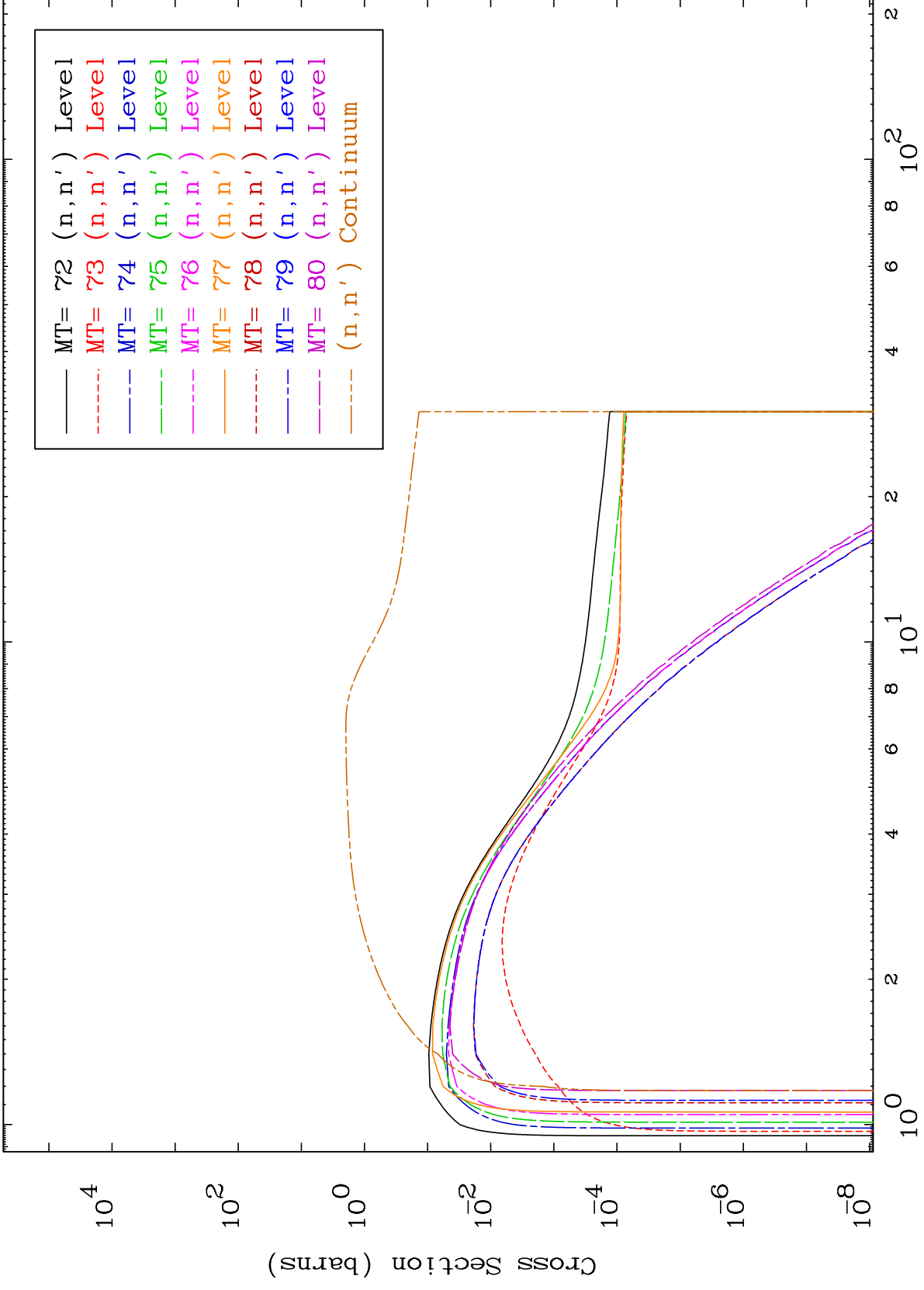
8

MAT 4440

(n,n') Level

44-Ru-101

293 Kelvin Cross Sections



Incident Energy (MeV)

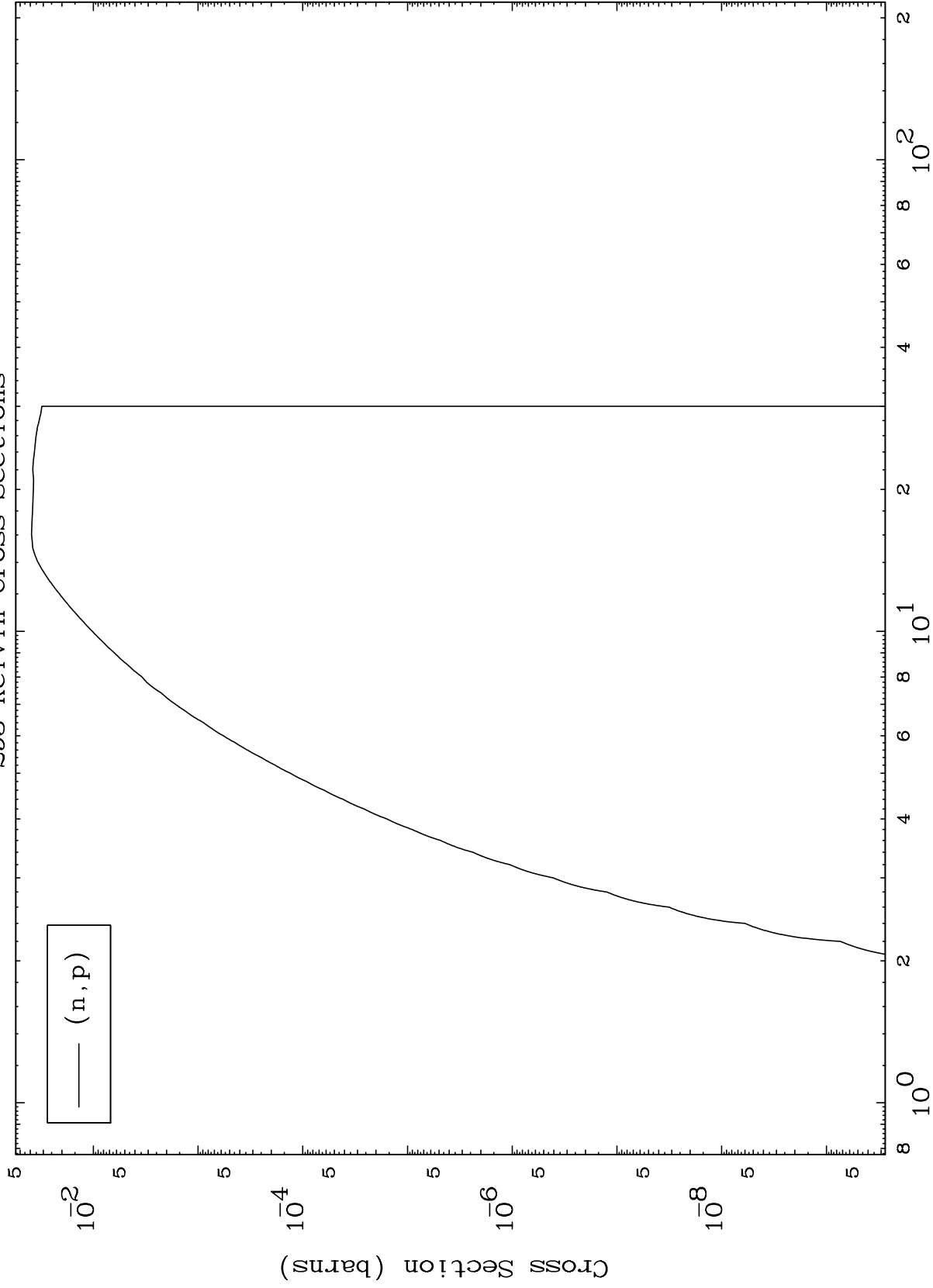
44-Ru-101

9

MAT 4440

(n,p) Levels  
293 Kelvin Cross Sections

44-Ru-101



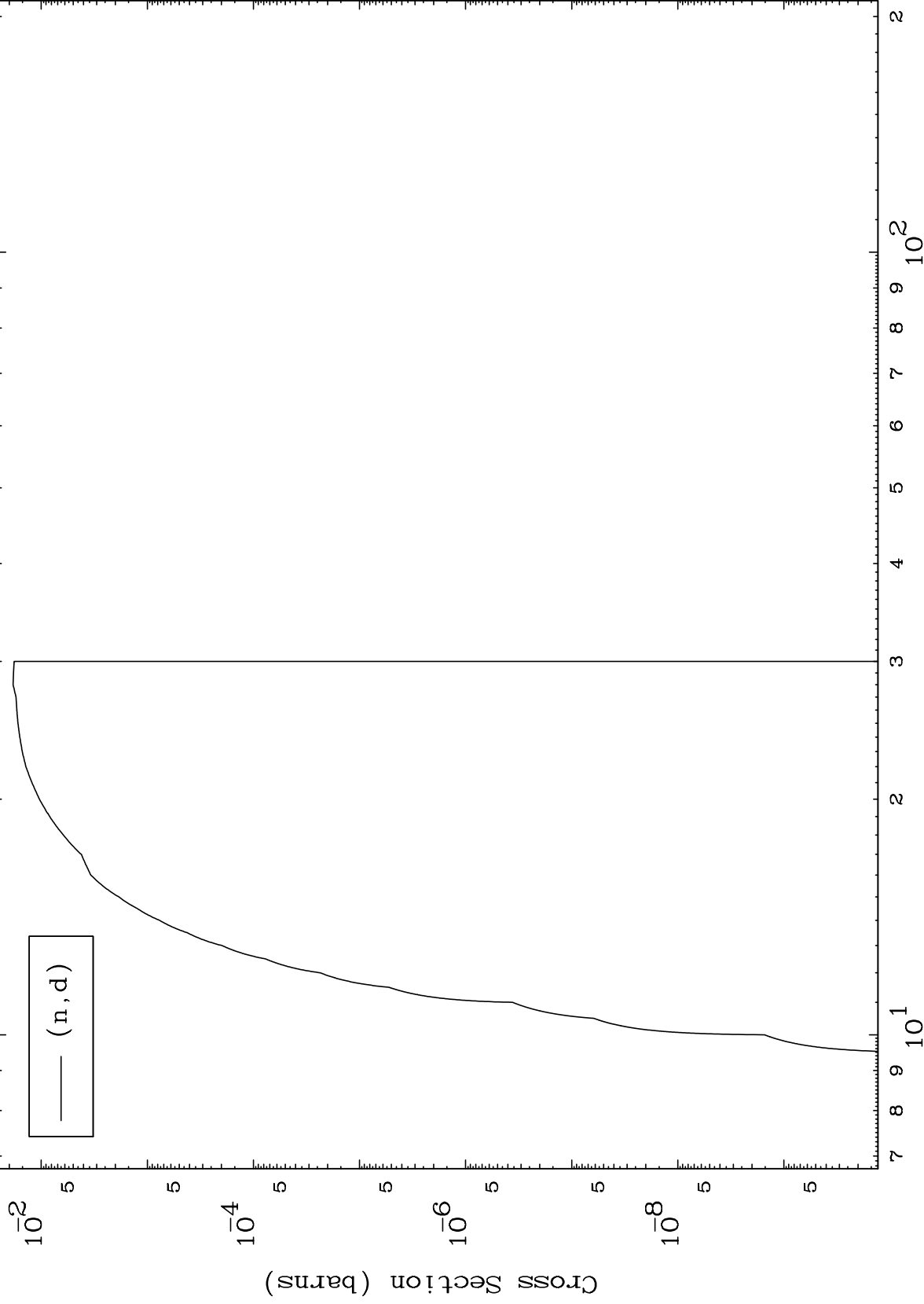
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,d) Levels  
293 Kelvin Cross Sections

44-Ru-101



11

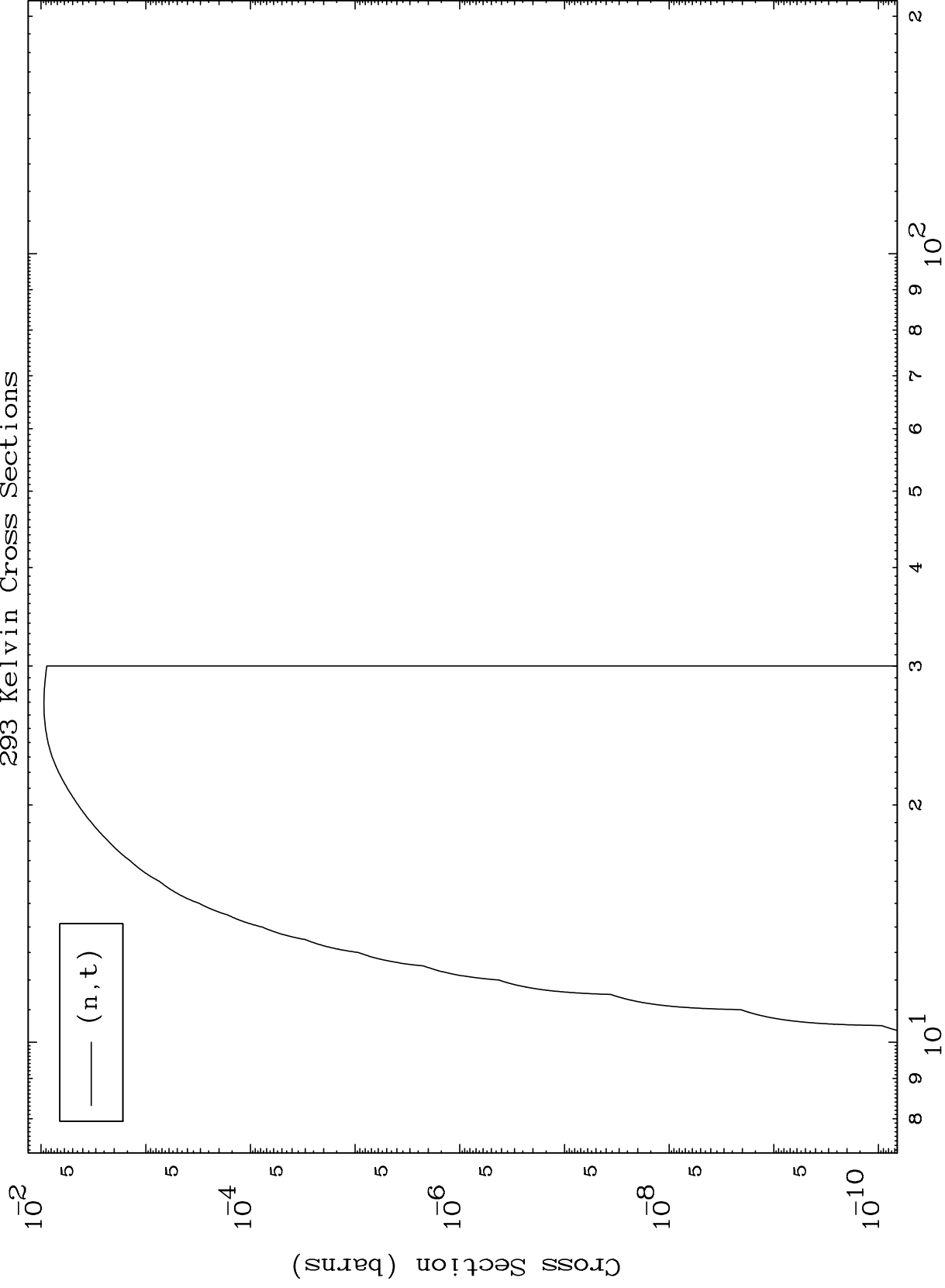
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,t) Levels  
293 Kelvin Cross Sections

44-Ru-101



12

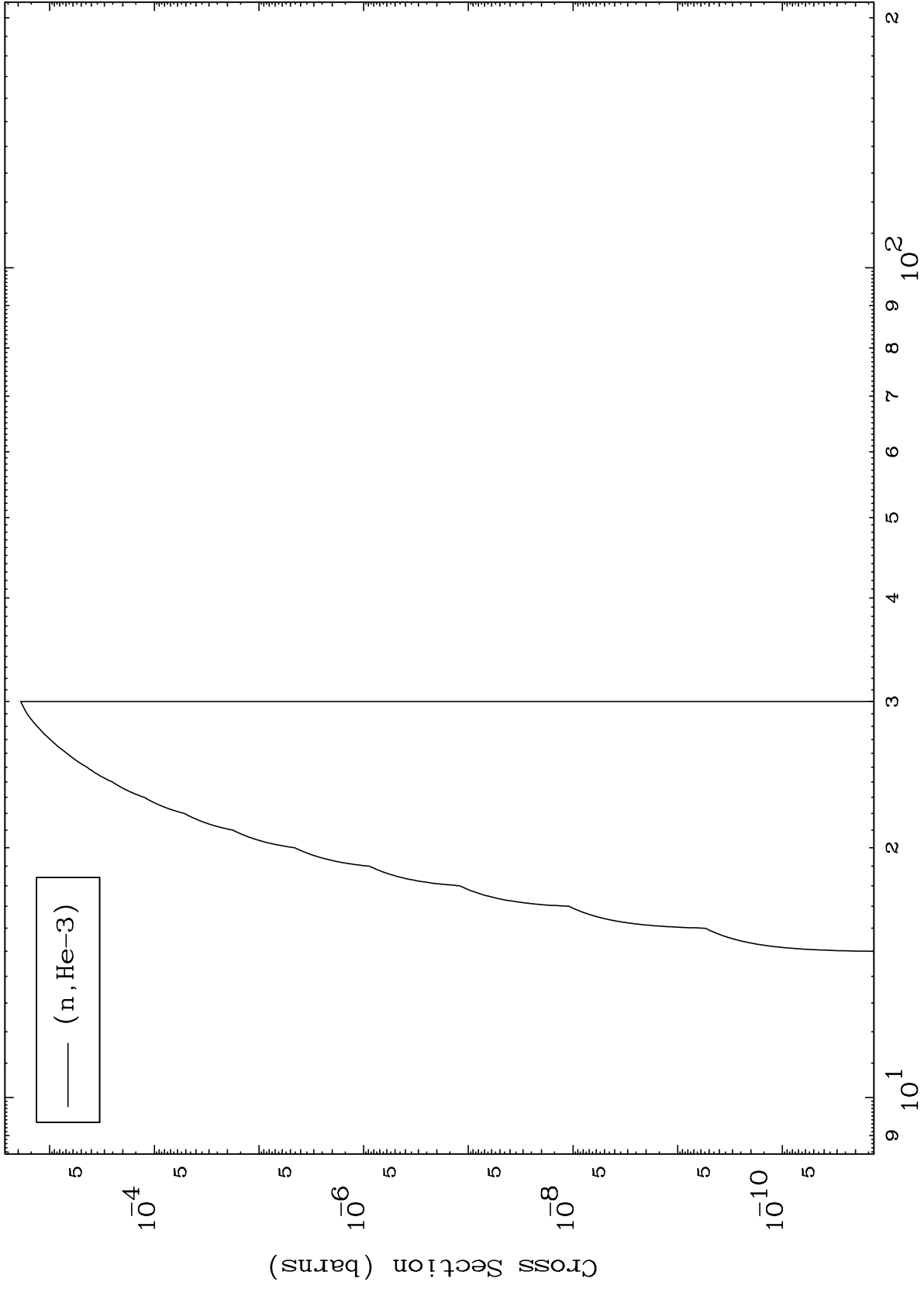
Incident Energy (MeV)

44-Ru-101

MAT 4440

(n,He3) Levels  
293 Kelvin Cross Sections

44-Ru-101



13

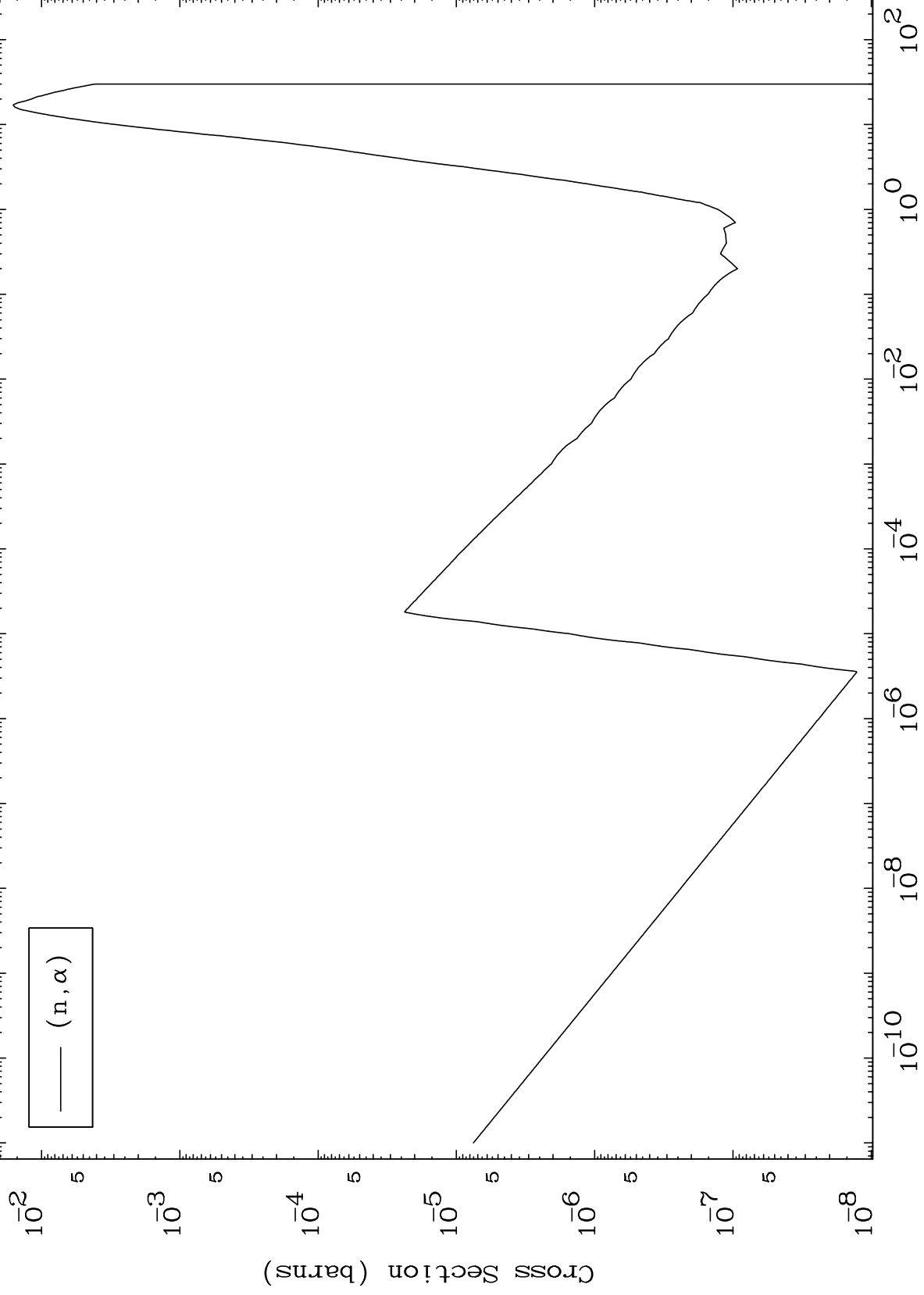
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

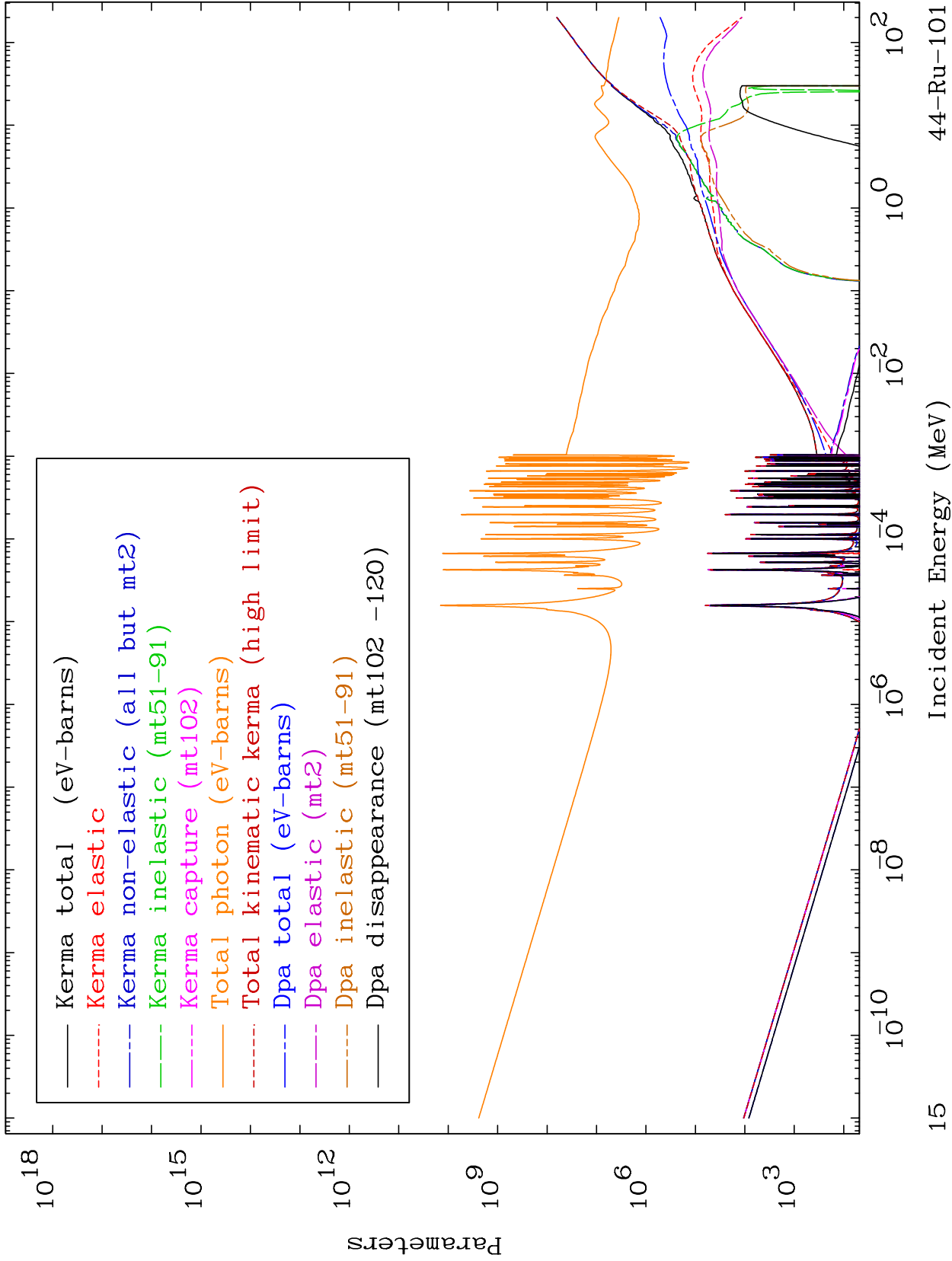
44-Ru-101



14

Incident Energy (MeV)

44-Ru-101

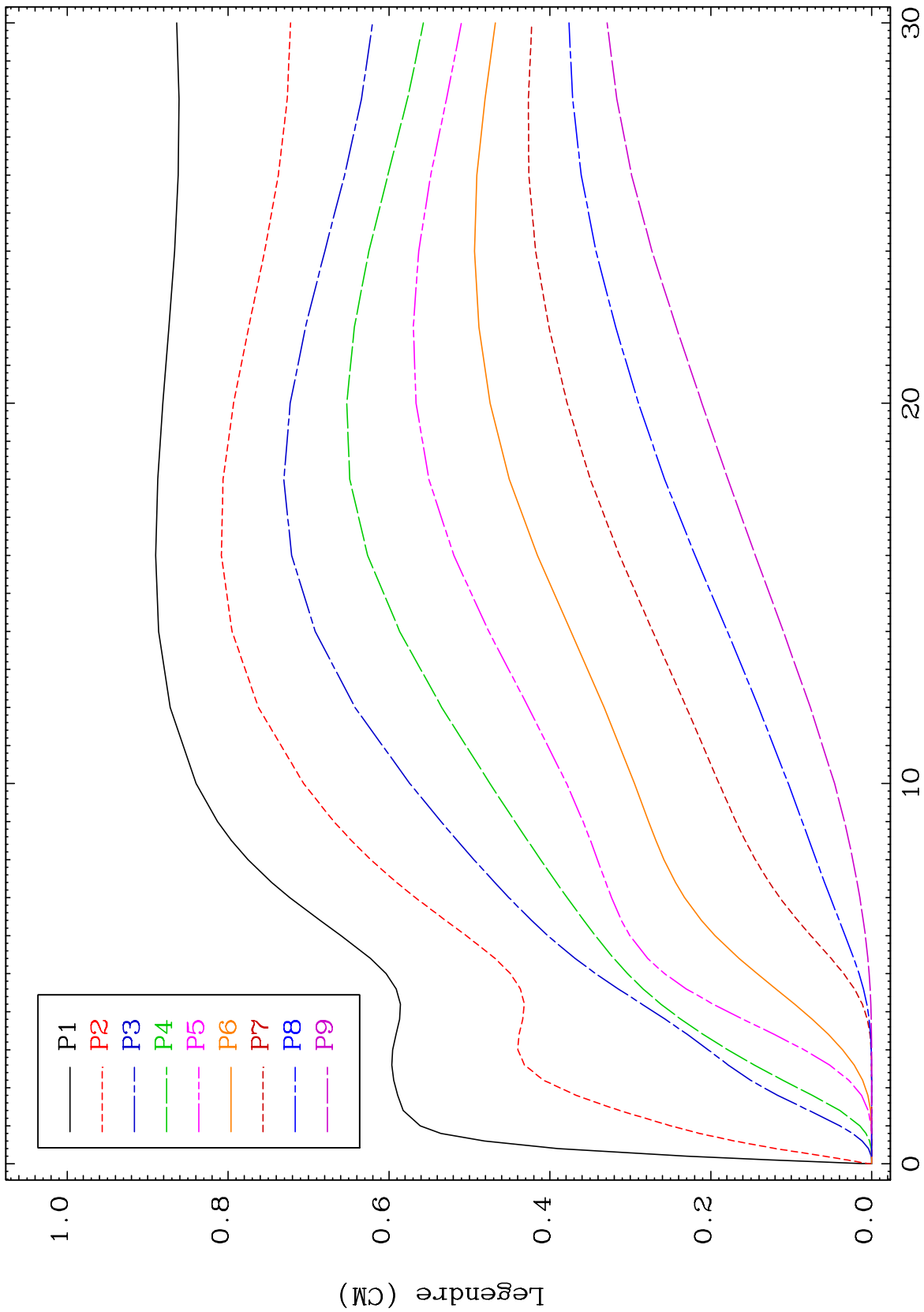




MAT 4440

Elastic Legendre Coefficients

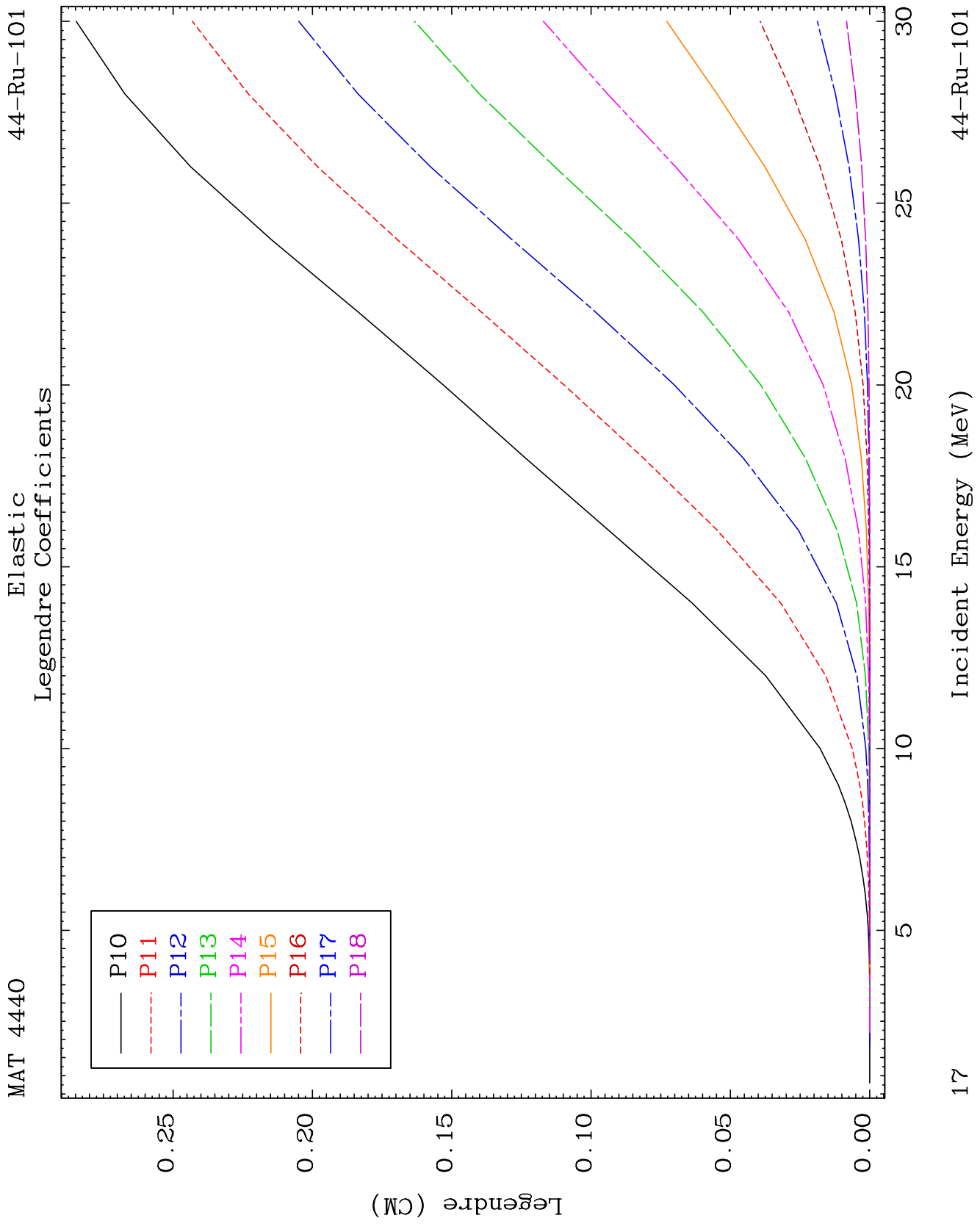
44-Ru-101



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Incident Energy (MeV)

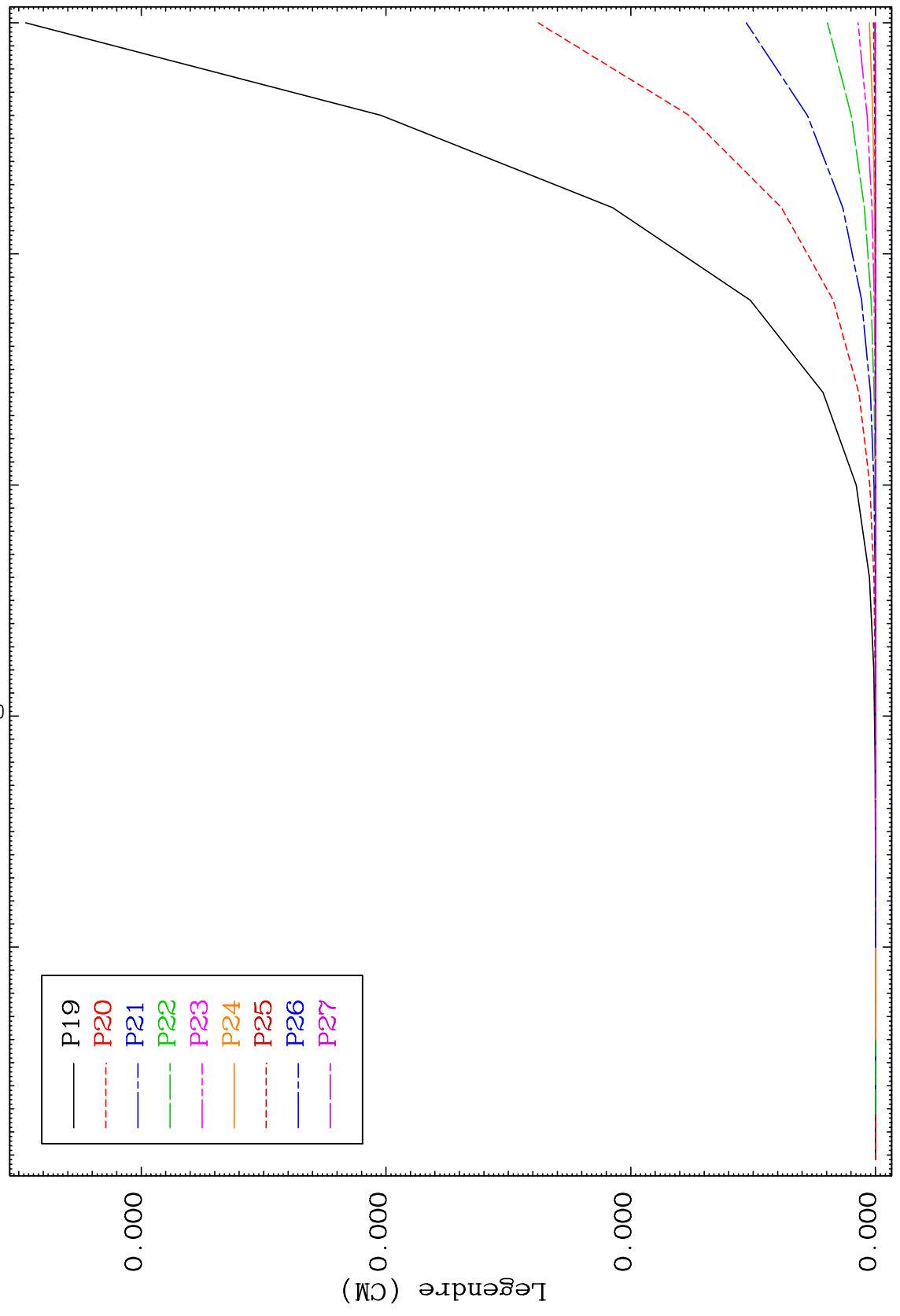
44-Ru-101



MAT 4440

Elastic Legendre Coefficients

44-Ru-101



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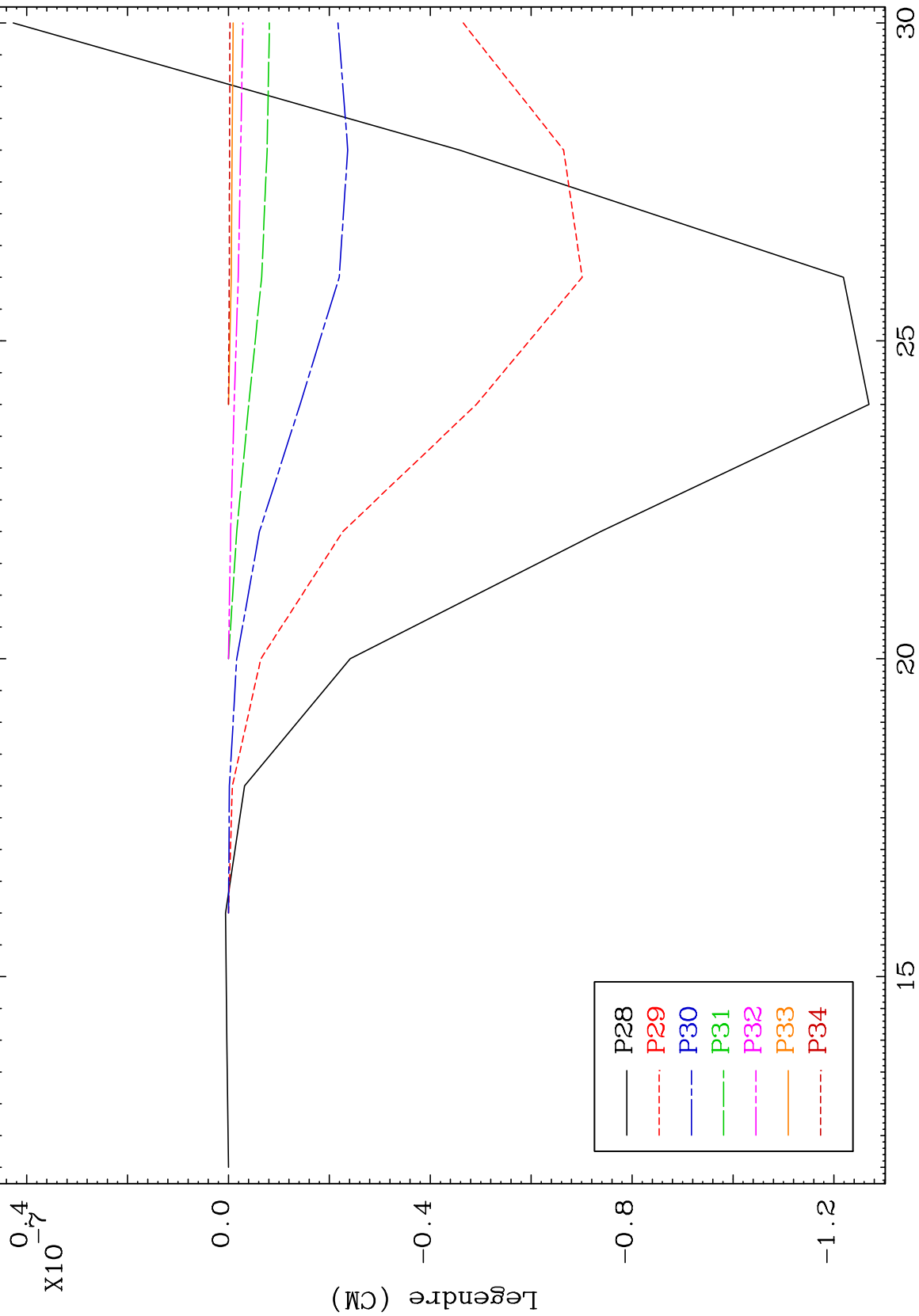
Incident Energy (MeV)

44-Ru-101

MAT 4440

44-Ru-101

Elastic Legendre Coefficients



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Incident Energy (MeV)

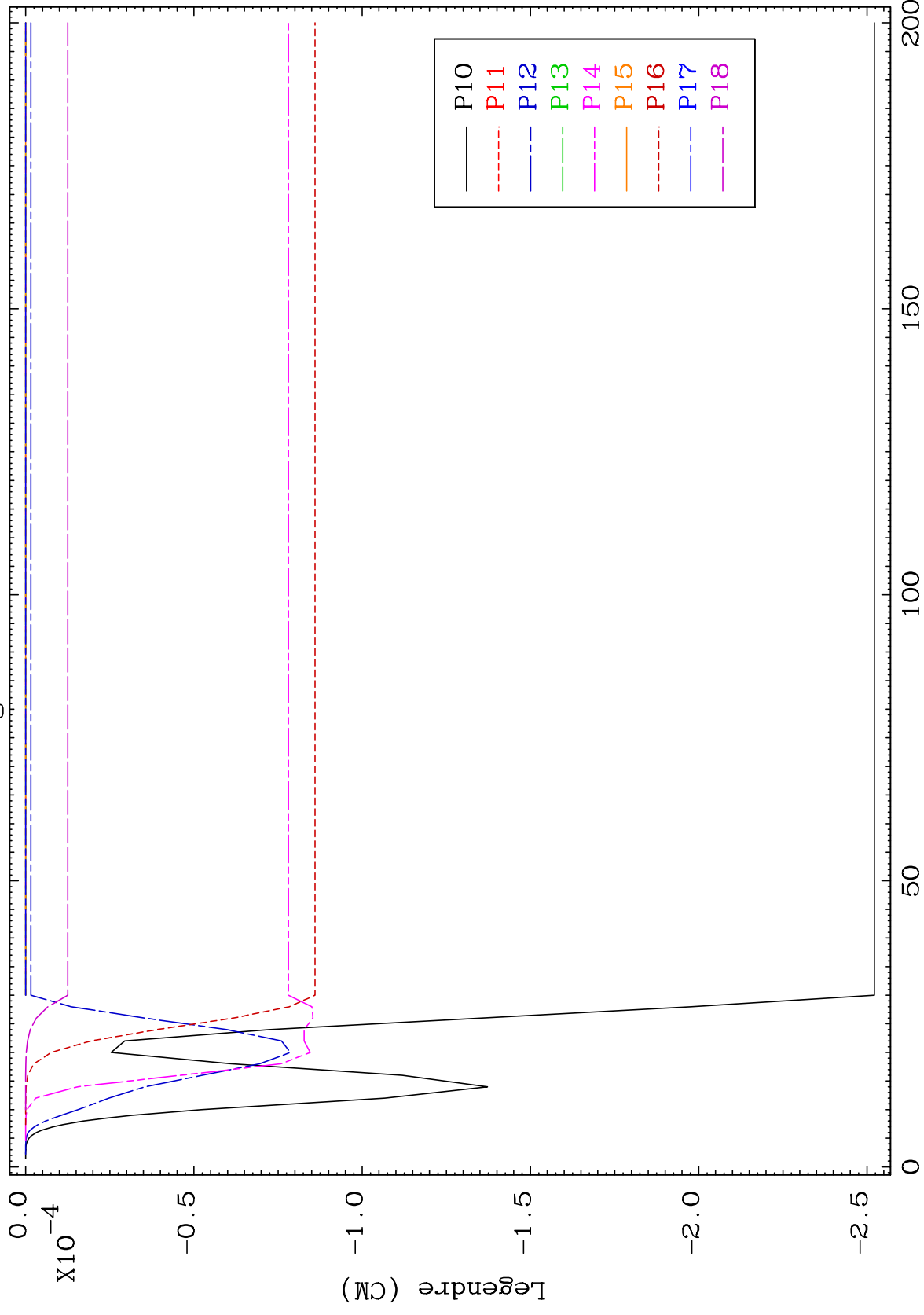
44-Ru-101

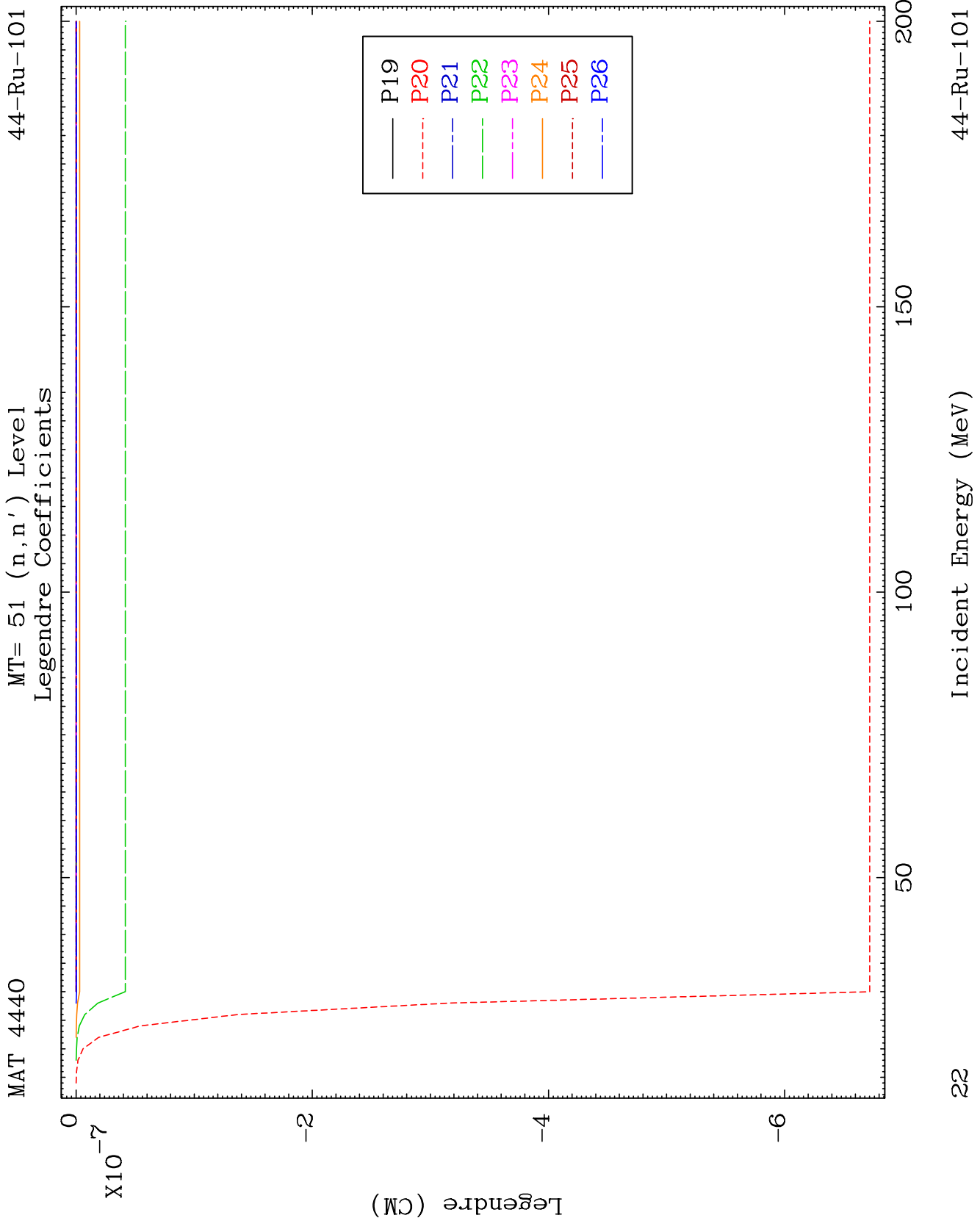


MAT 4440

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

44-Ru-101

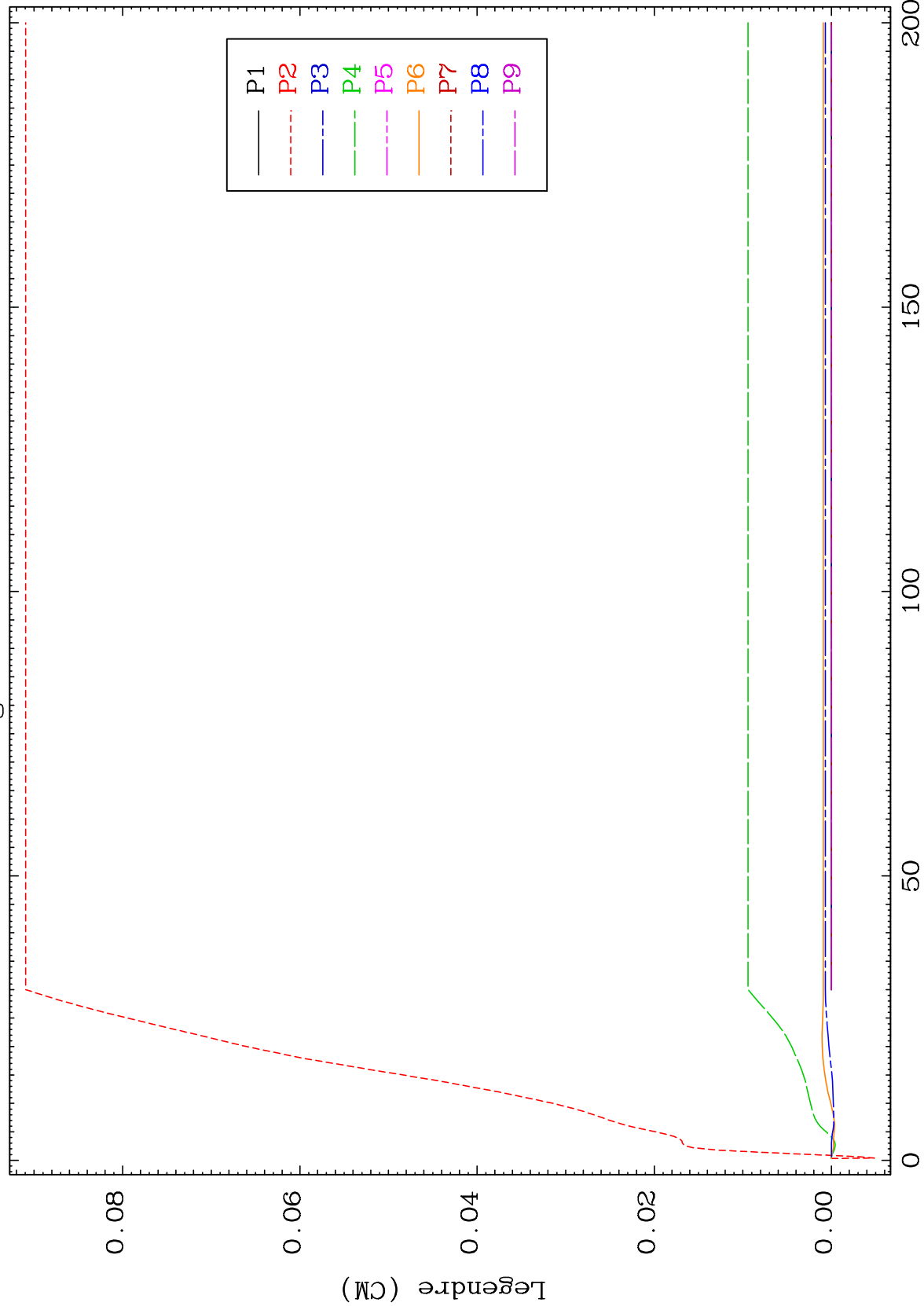




MAT 4440

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

44-Ru-101



23

Incident Energy (MeV)

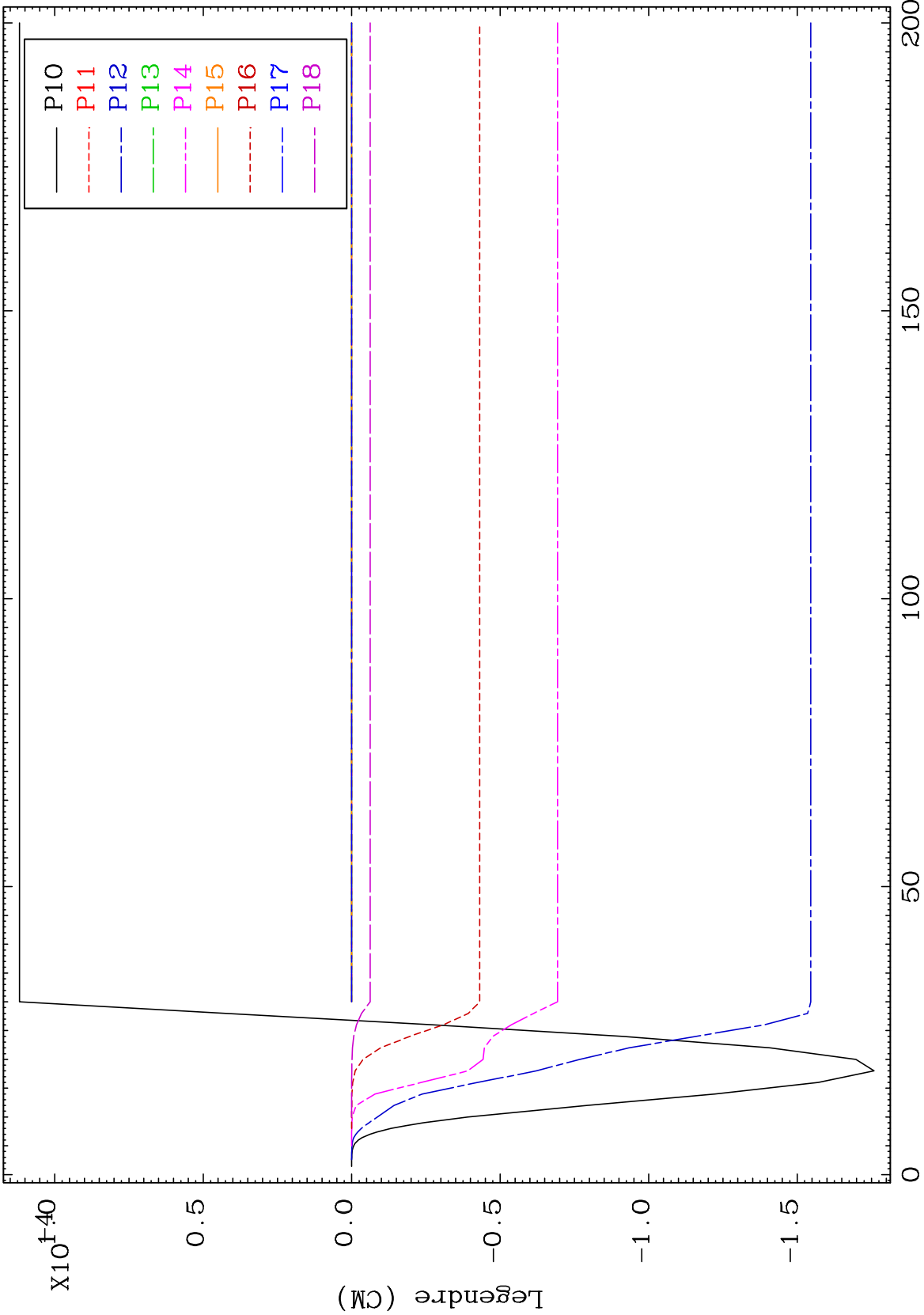
44-Ru-101



MAT 4440

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

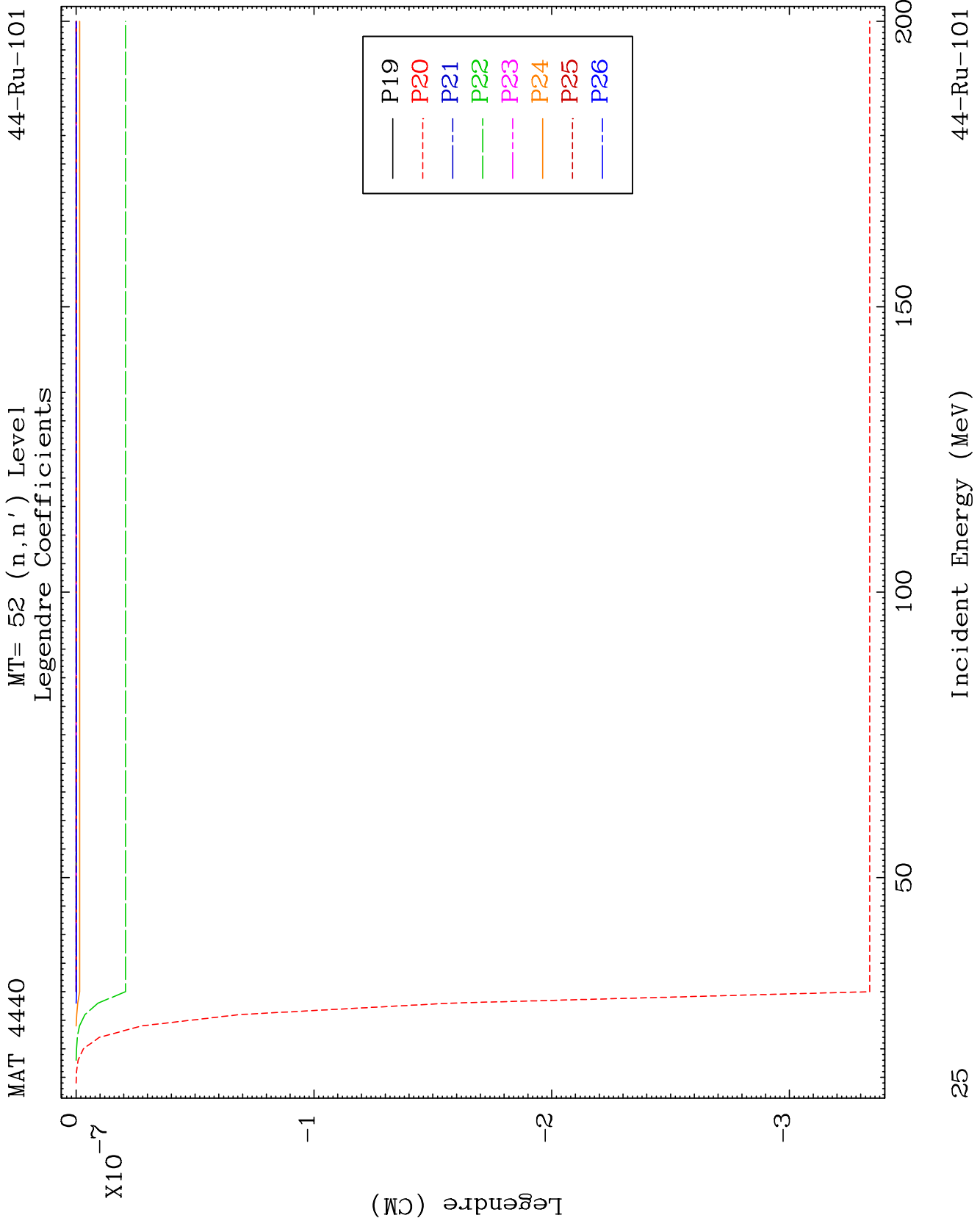
44-Ru-101



24

Incident Energy (MeV)

44-Ru-101

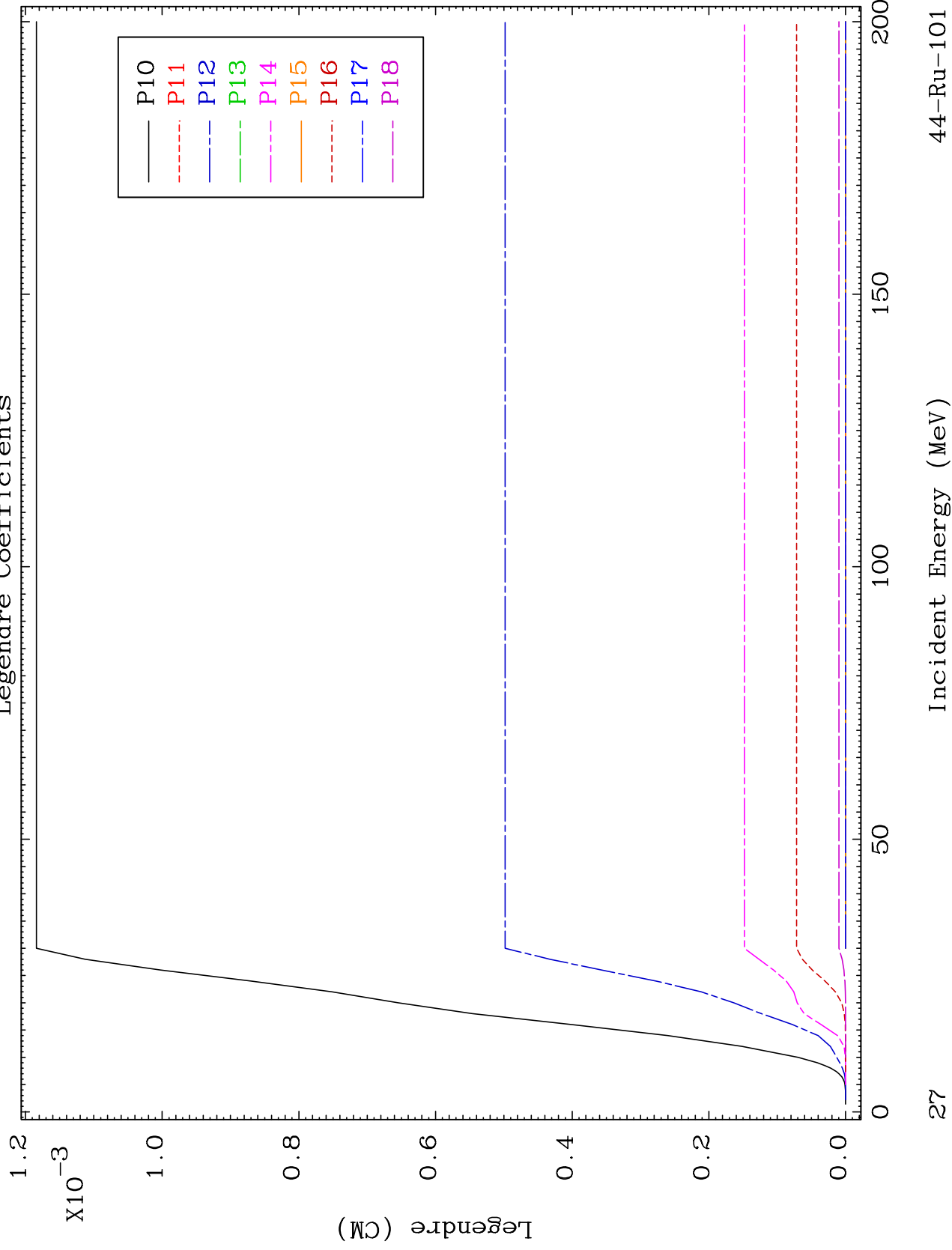




MAT 4440

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

44-Ru-101



27

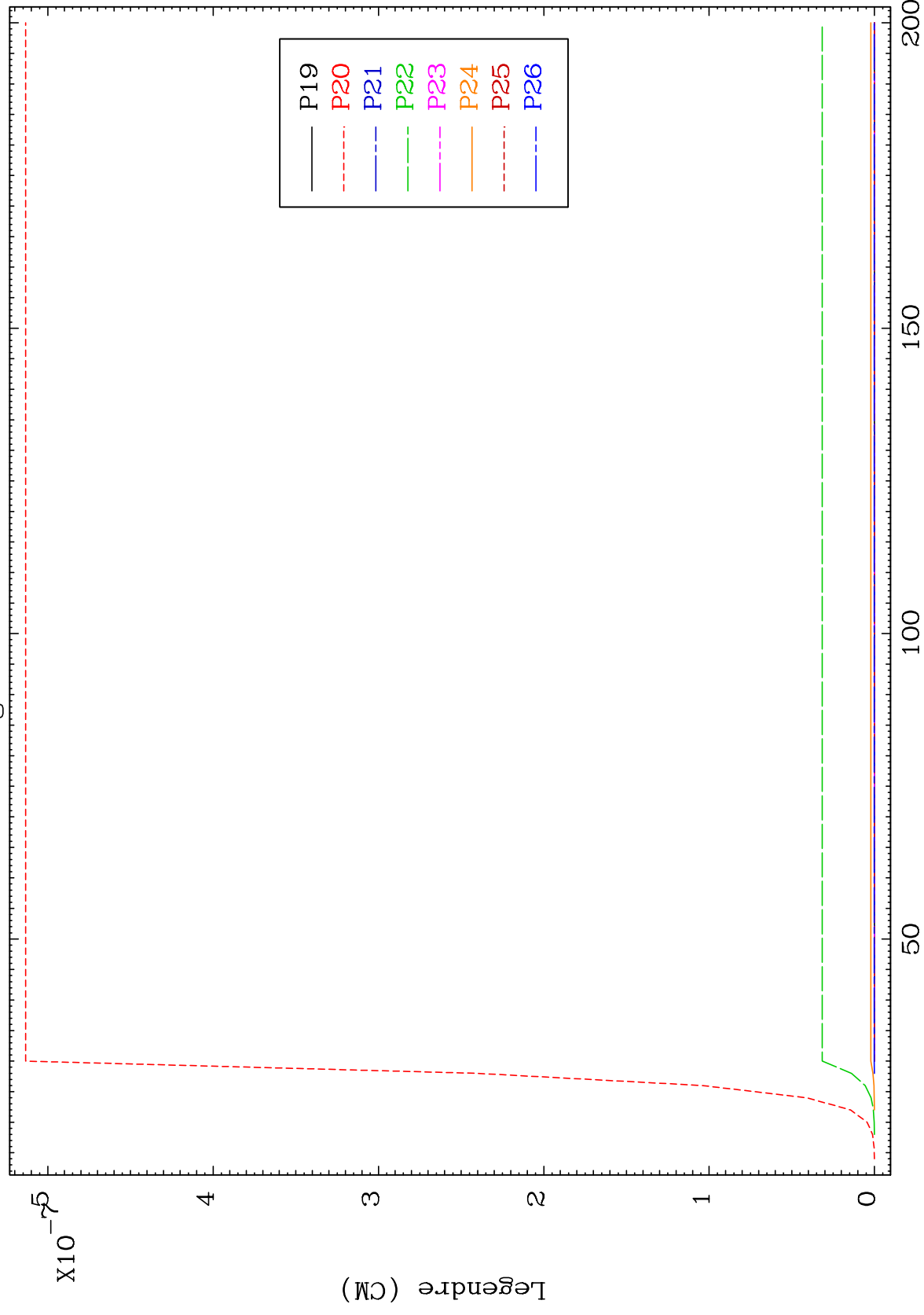
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



28

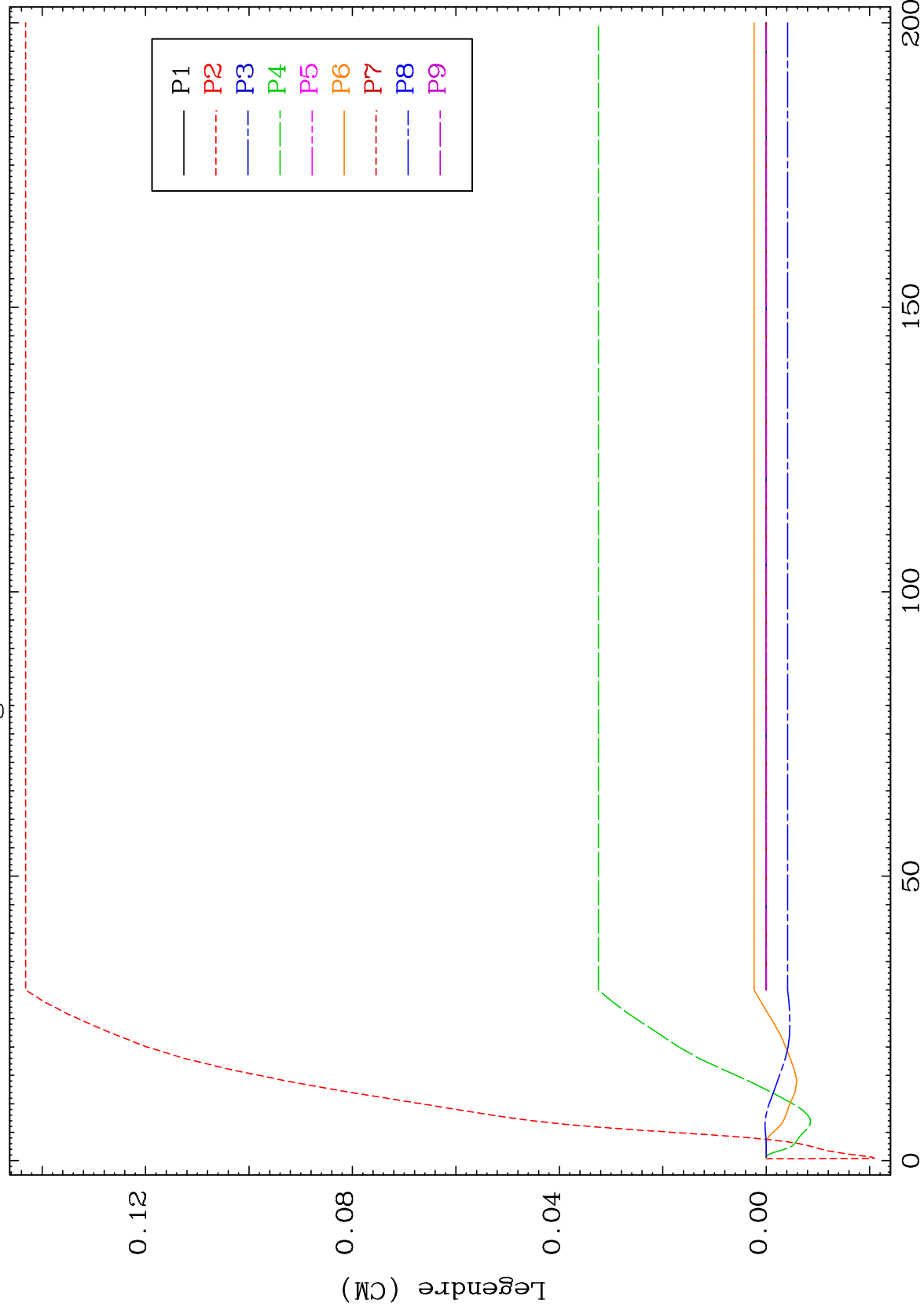
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



29

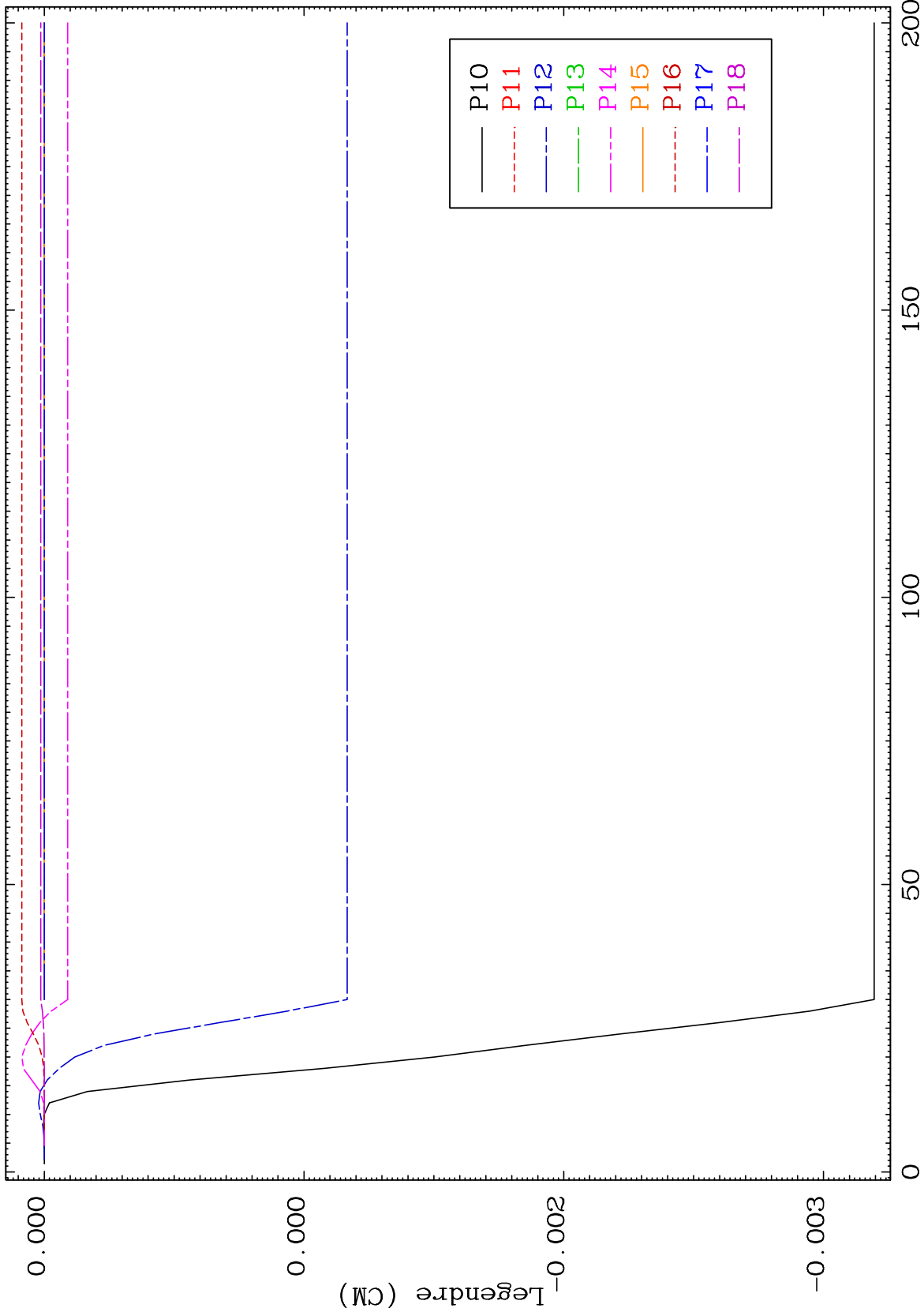
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



30

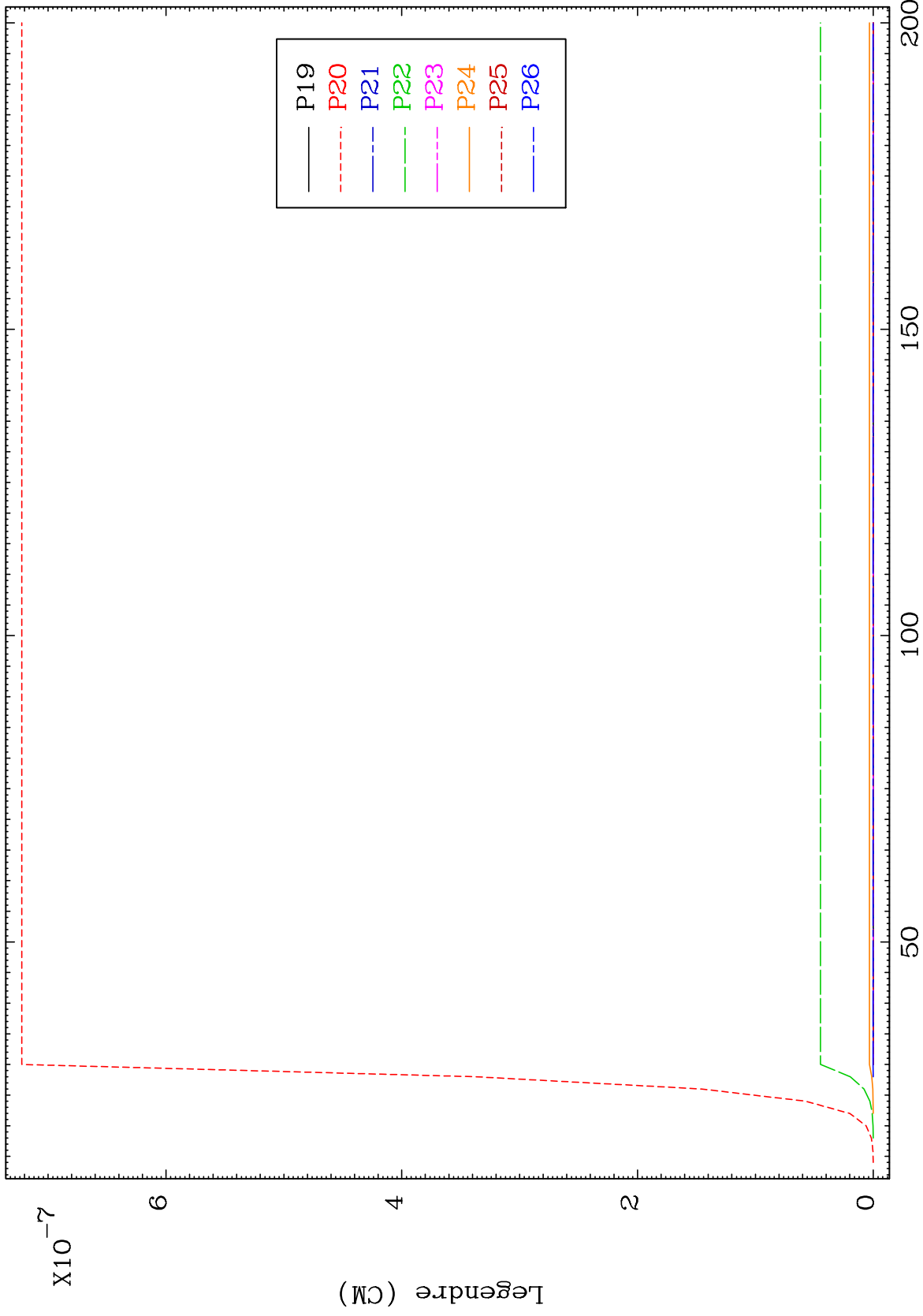
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



31

Incident Energy (MeV)

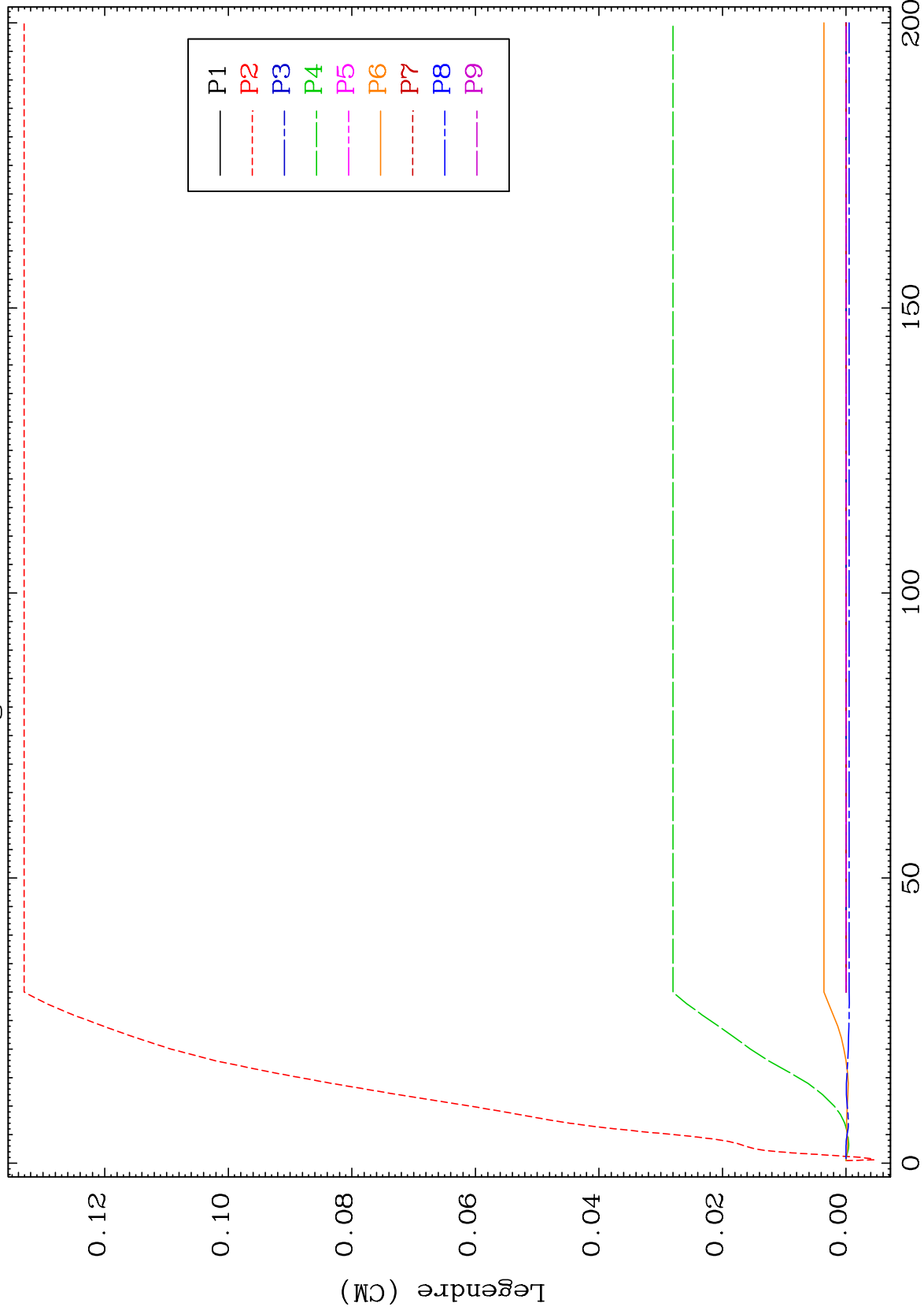
44-Ru-101



MAT 4440

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

44-Ru-101



32

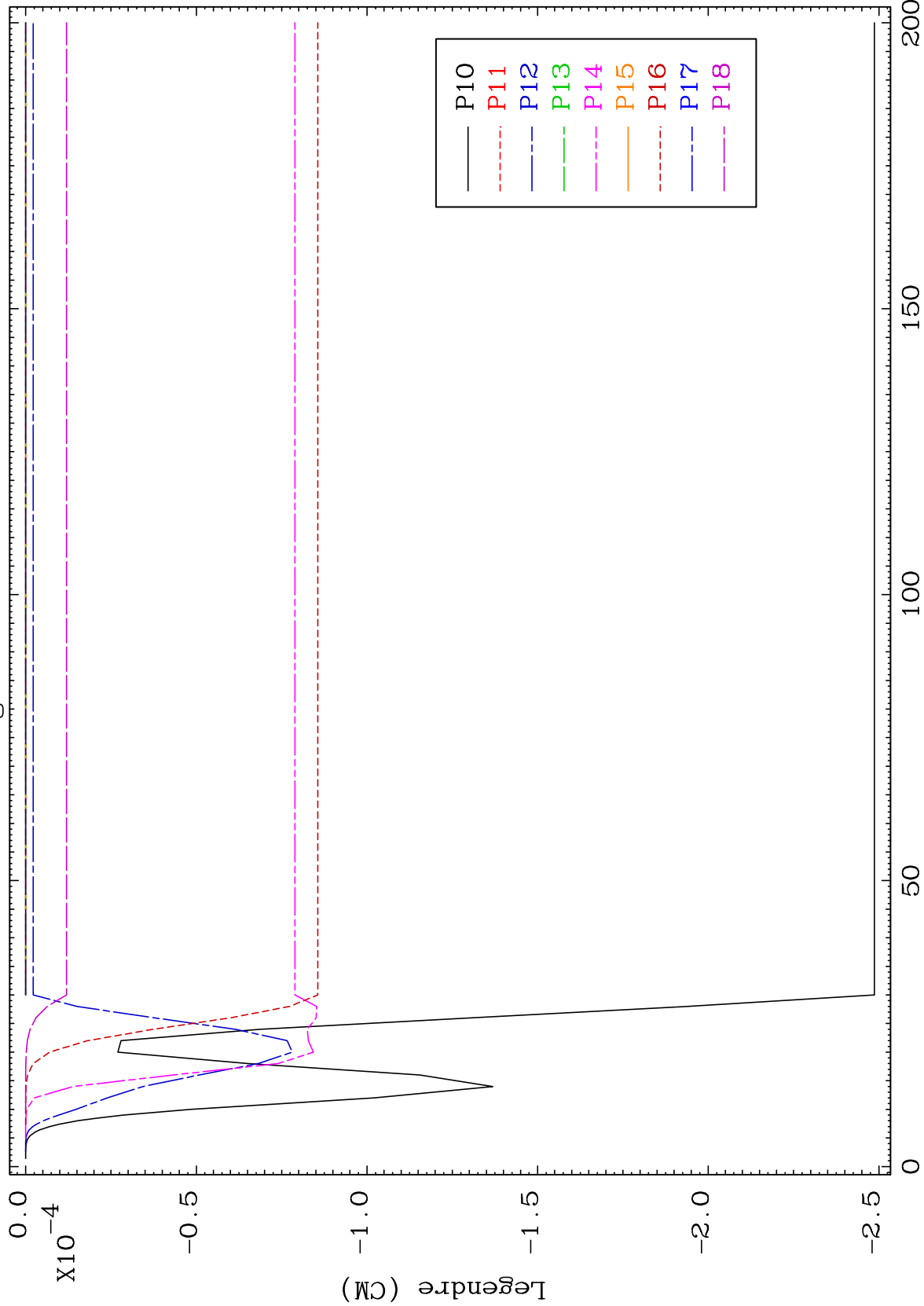
Incident Energy (MeV)

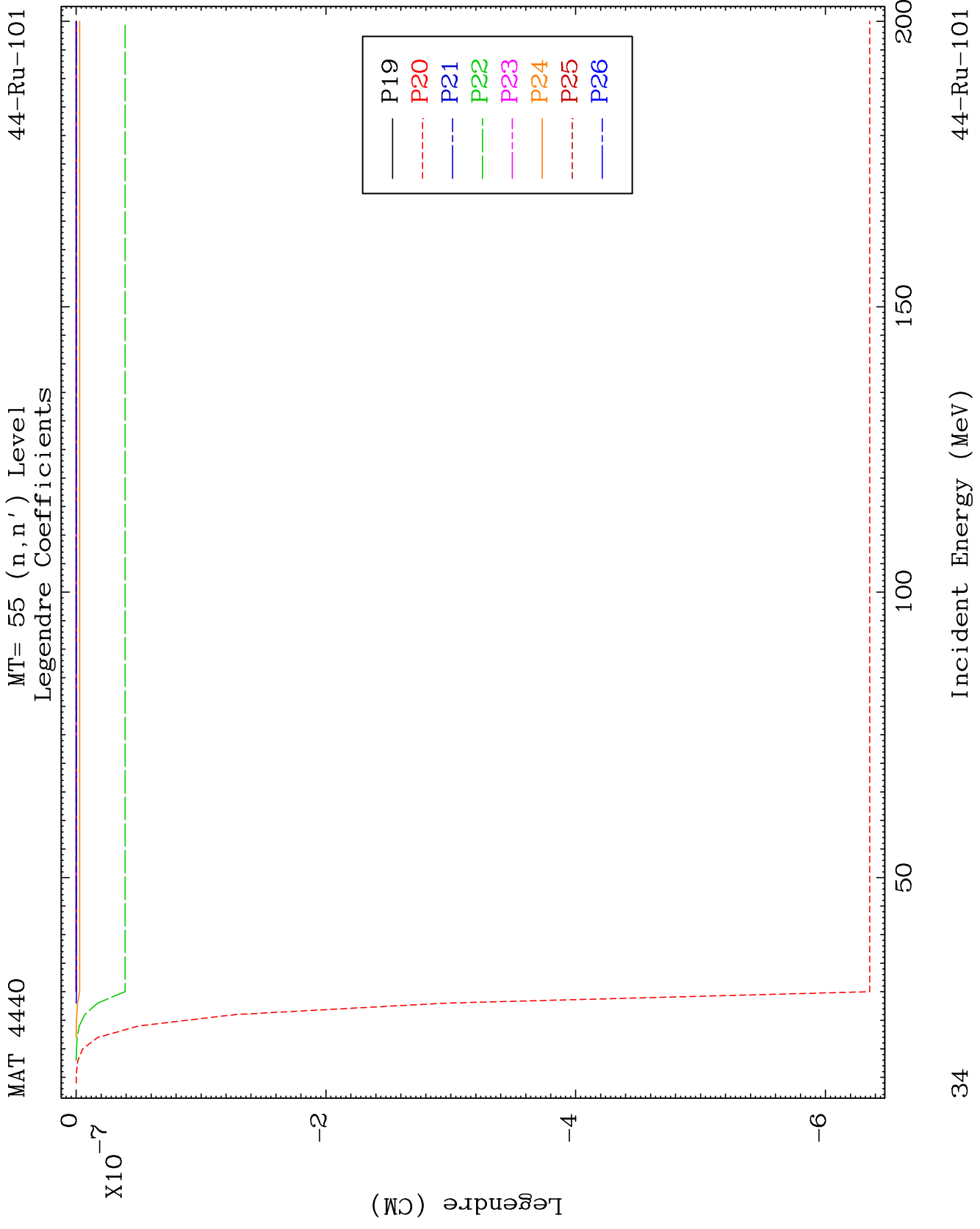
44-Ru-101

MAT 4440

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

44-Ru-101

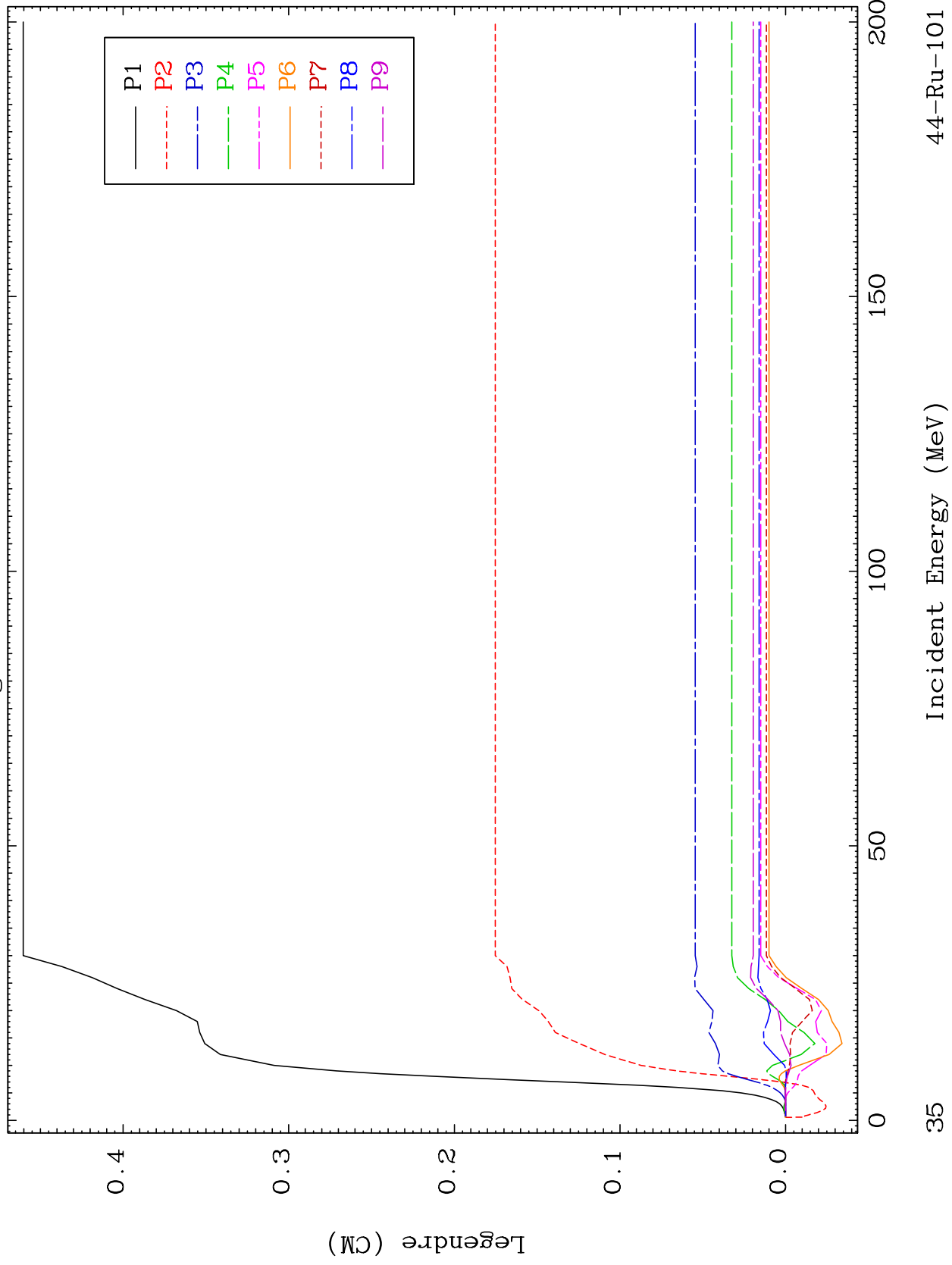




MAT 4440

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

44-Ru-101



44-Ru-101

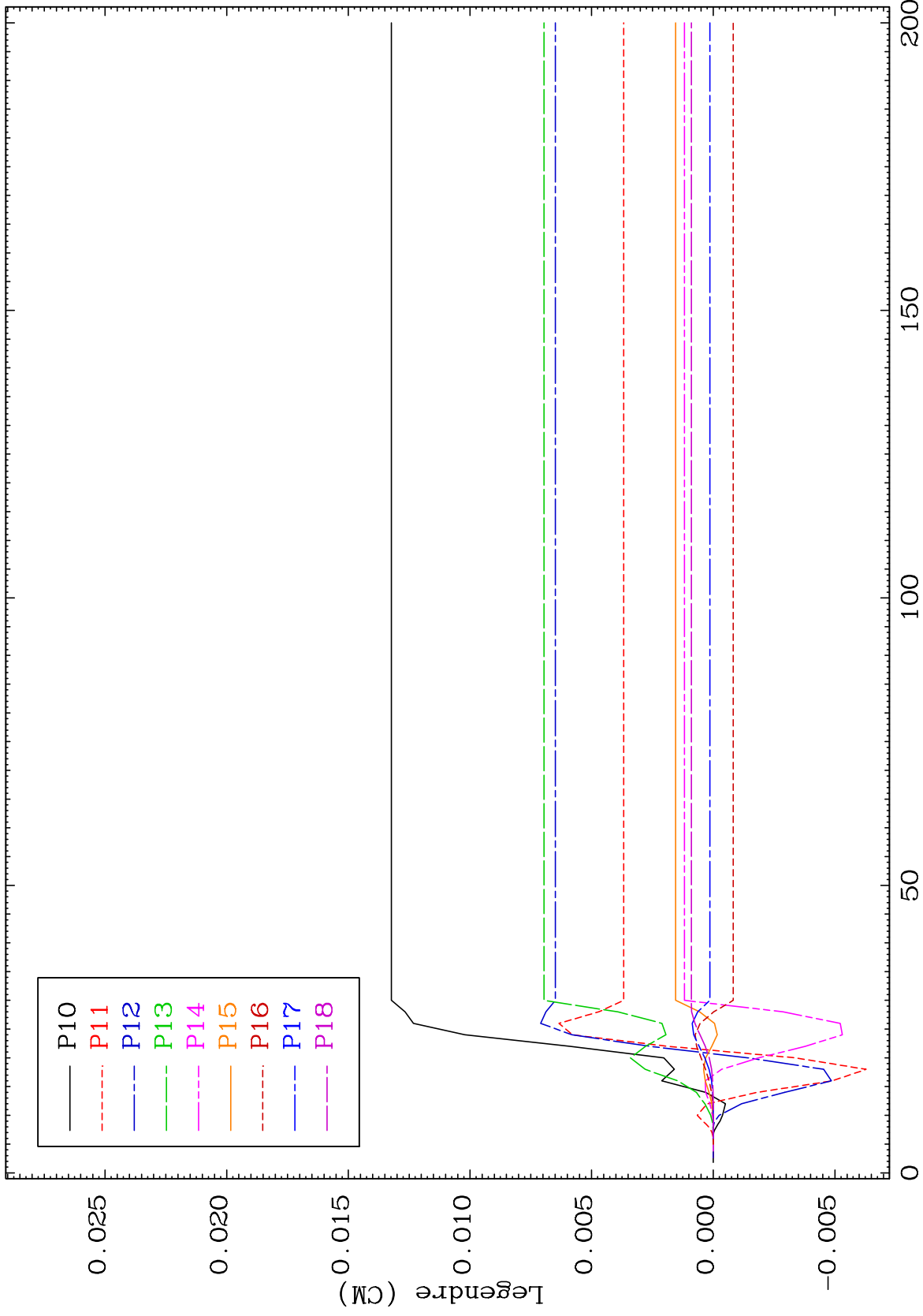
Incident Energy (MeV)

35

MAT 4440

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

44-Ru-101



36

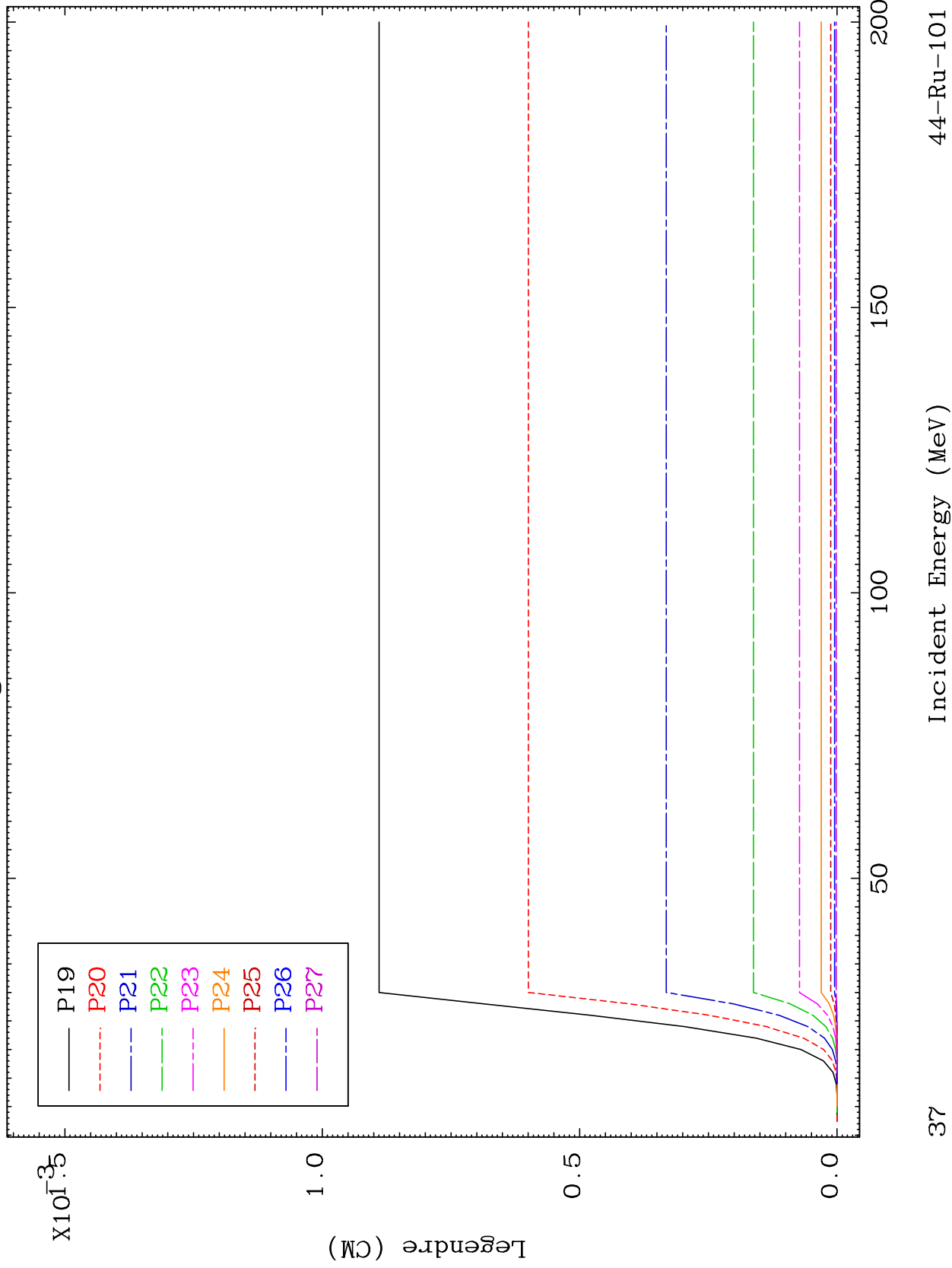
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101

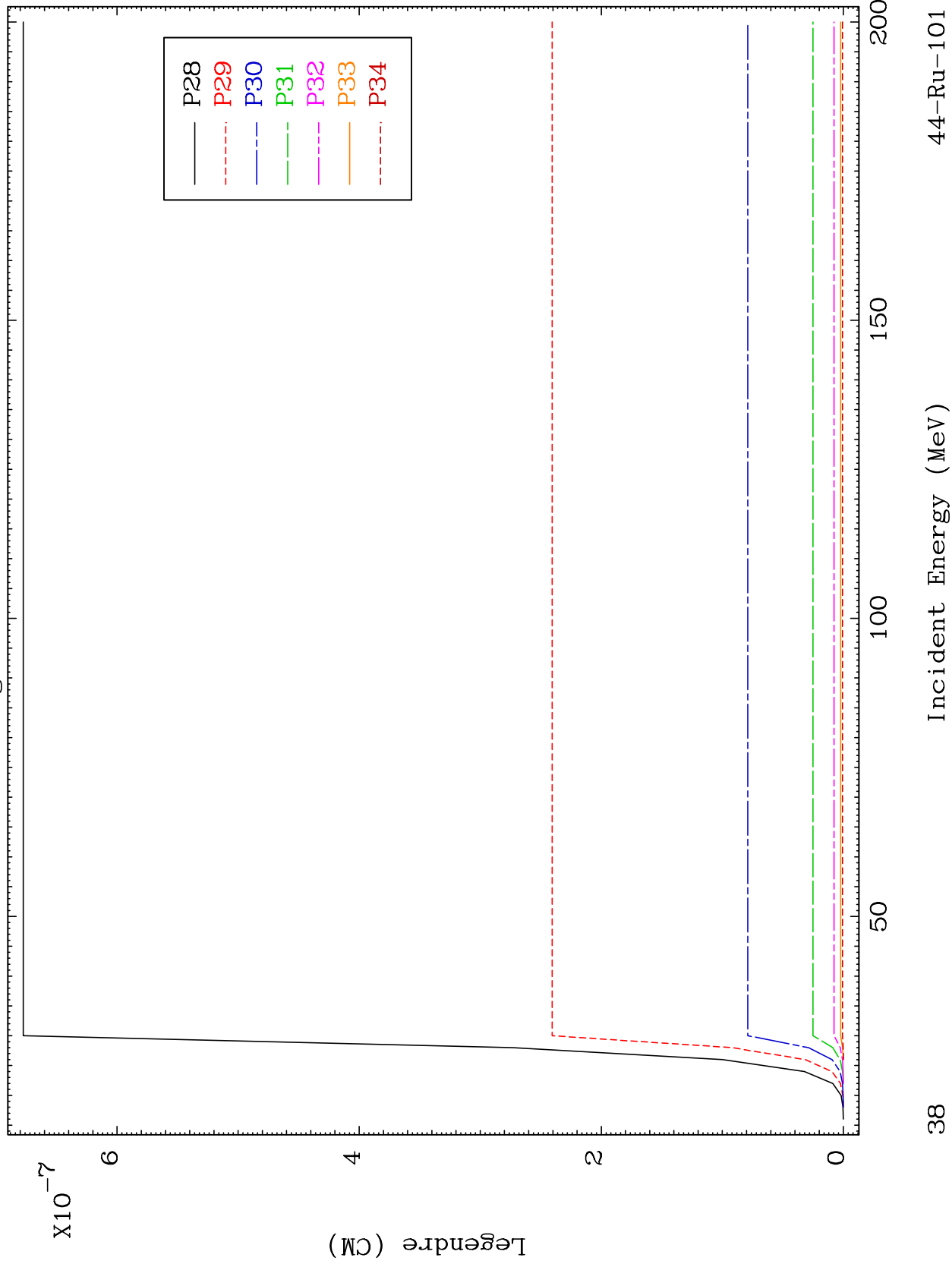


37

MAT 4440

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

44-Ru-101



38

Incident Energy (MeV)

44-Ru-101

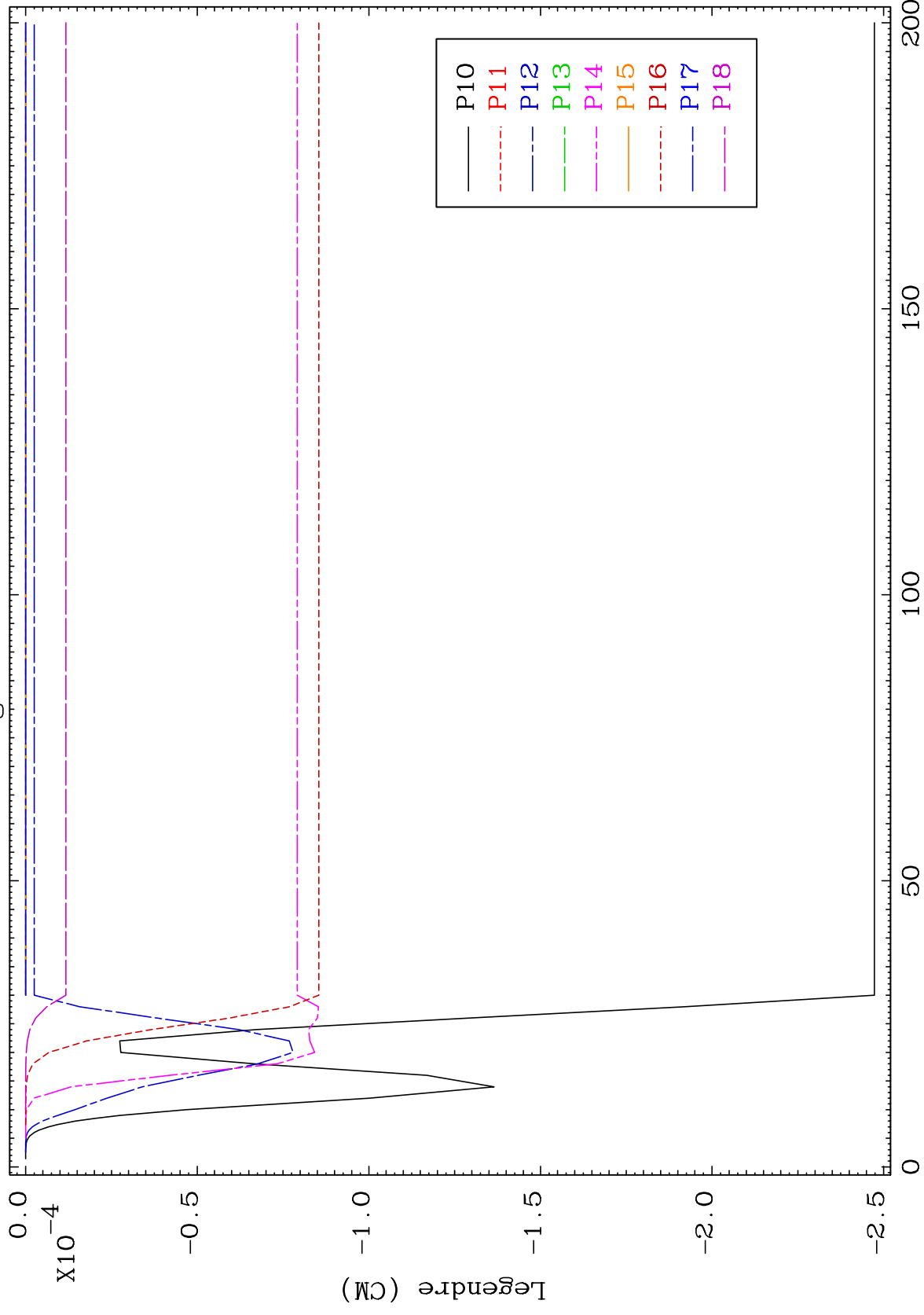




MAT 4440

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

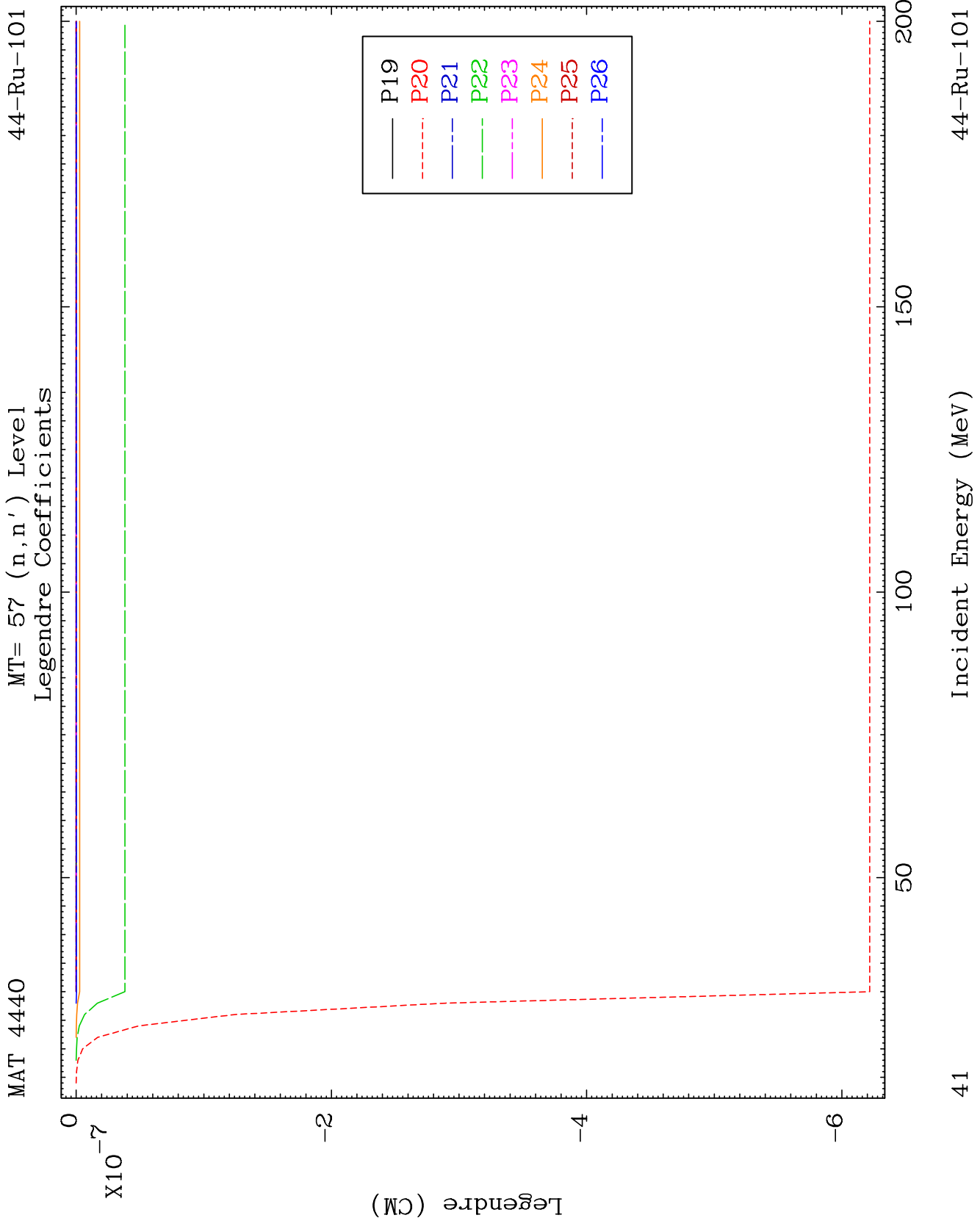
44-Ru-101



40

Incident Energy (MeV)

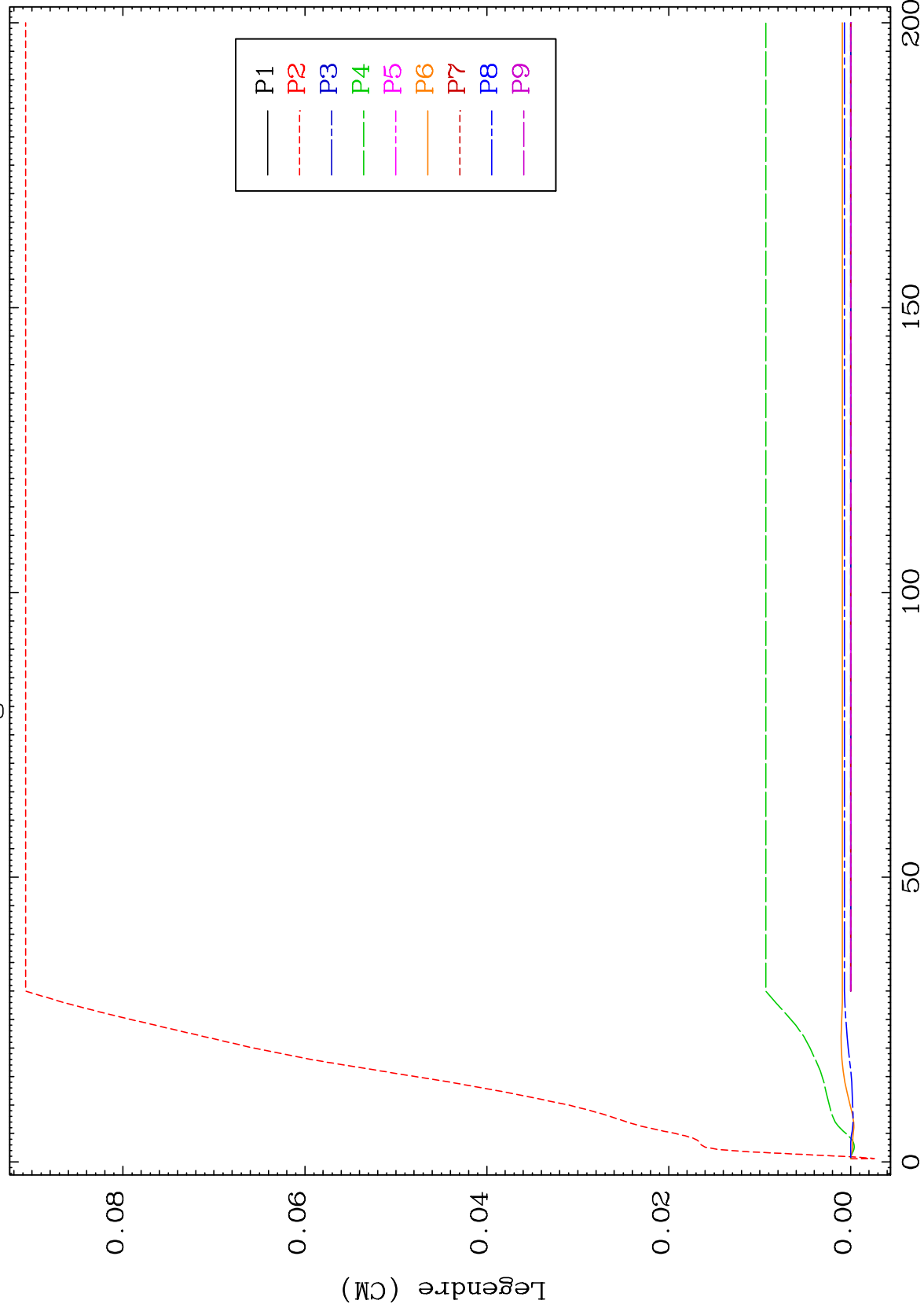
44-Ru-101



MAT 4440

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

44-Ru-101



44-Ru-101

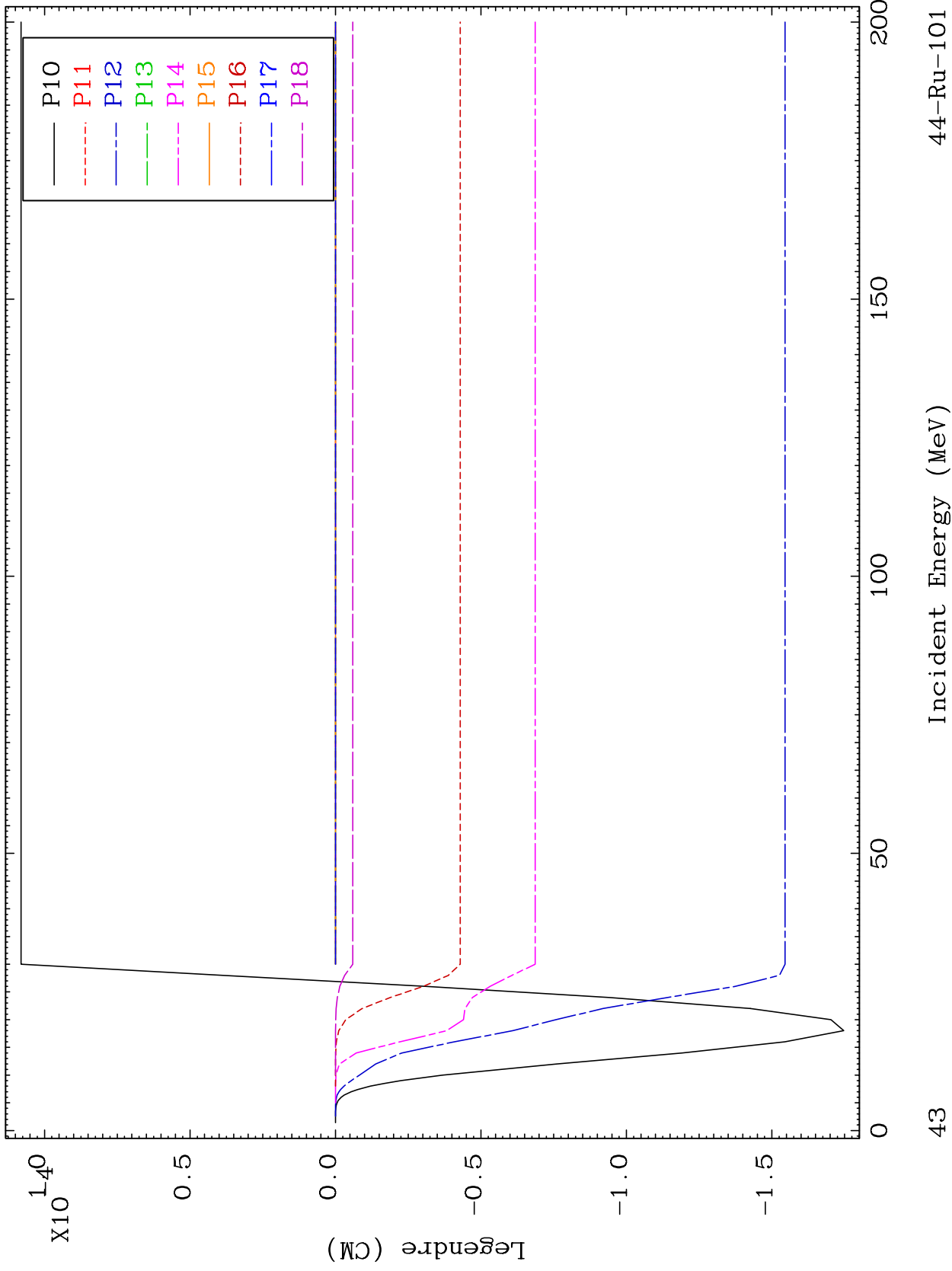
Incident Energy (MeV)

42

MAT 4440

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

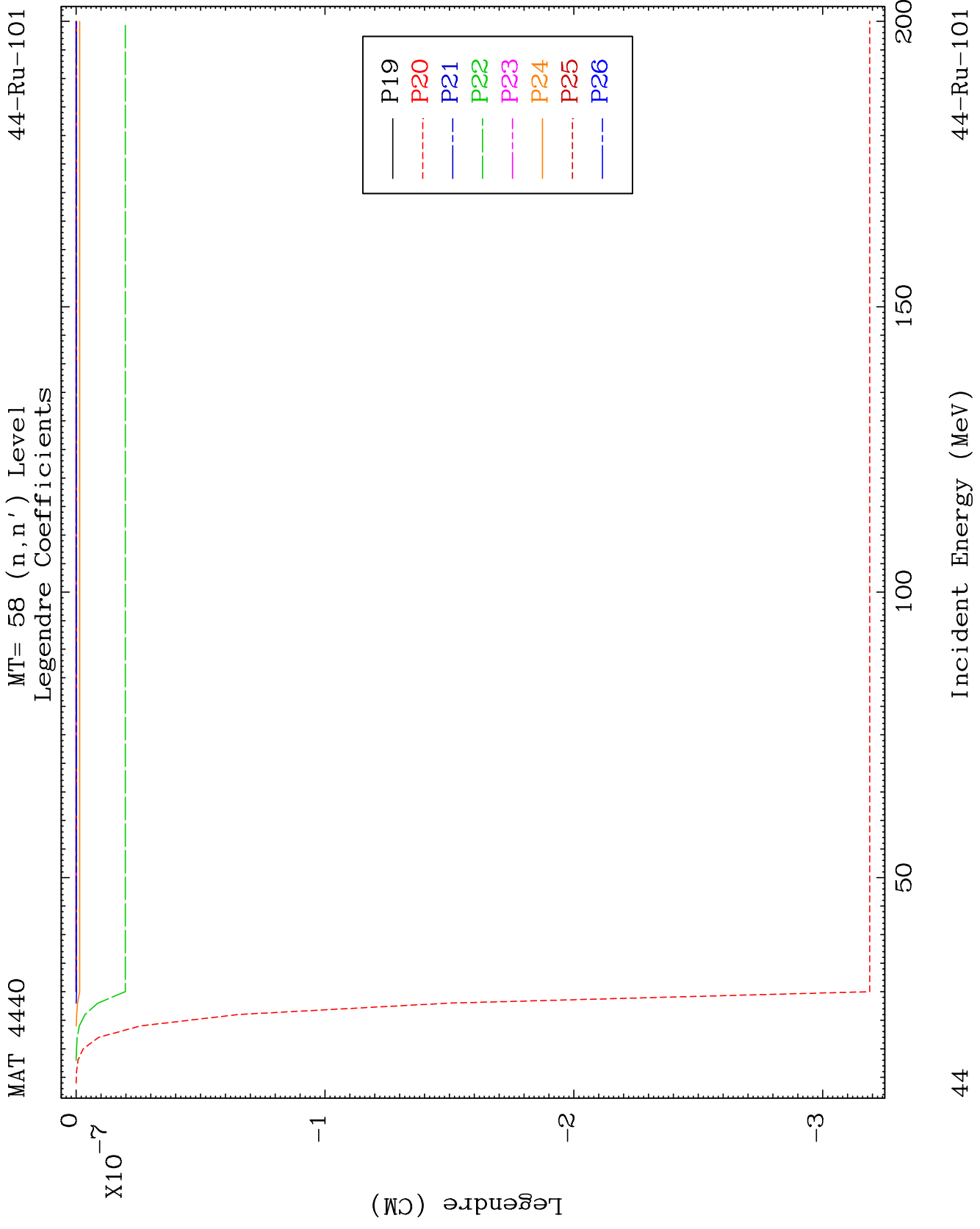
44-Ru-101



43

Incident Energy (MeV)

44-Ru-101

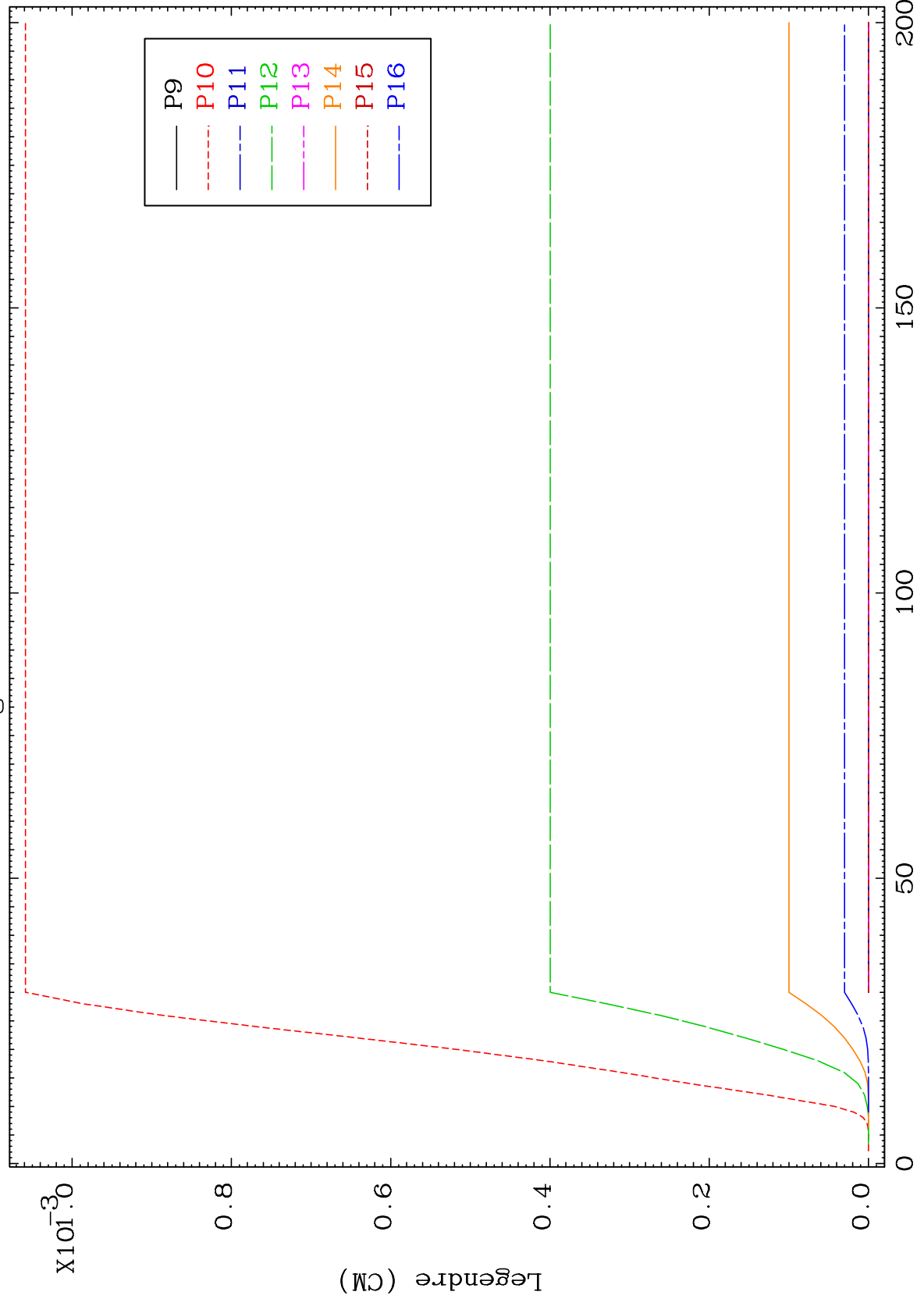




MAT 4440

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

44-Ru-101



46

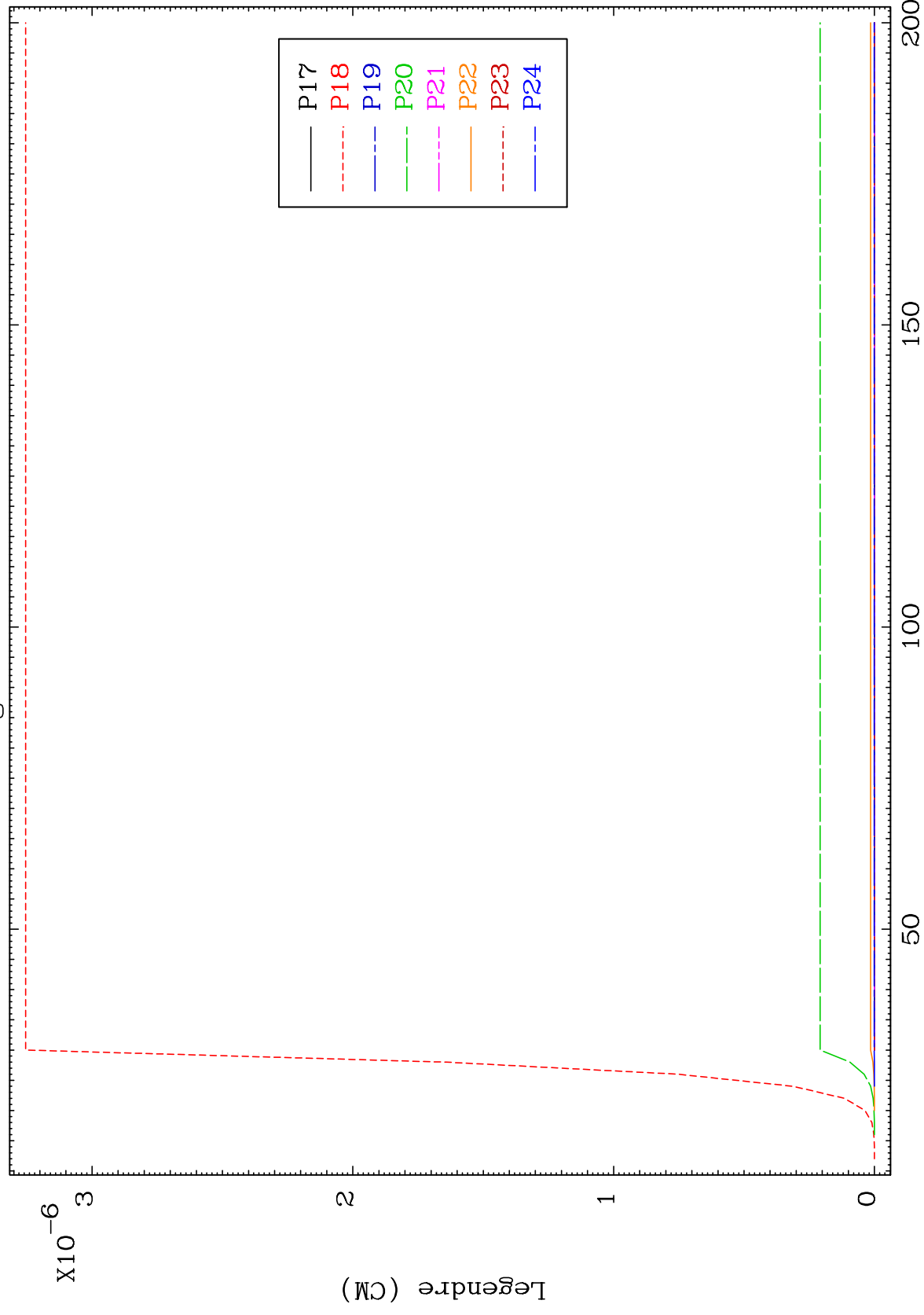
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



47

Incident Energy (MeV)

44-Ru-101

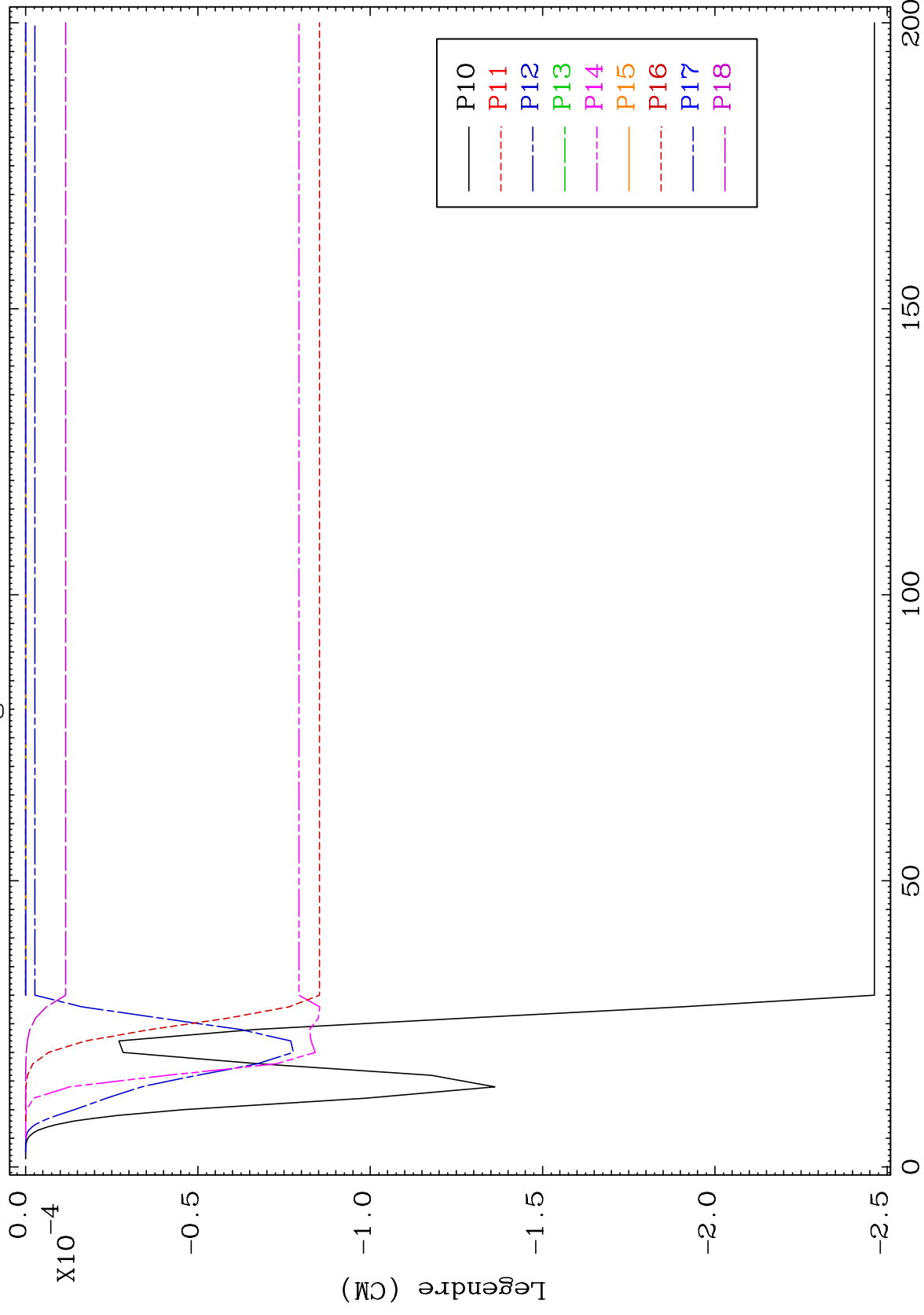




MAT 4440

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

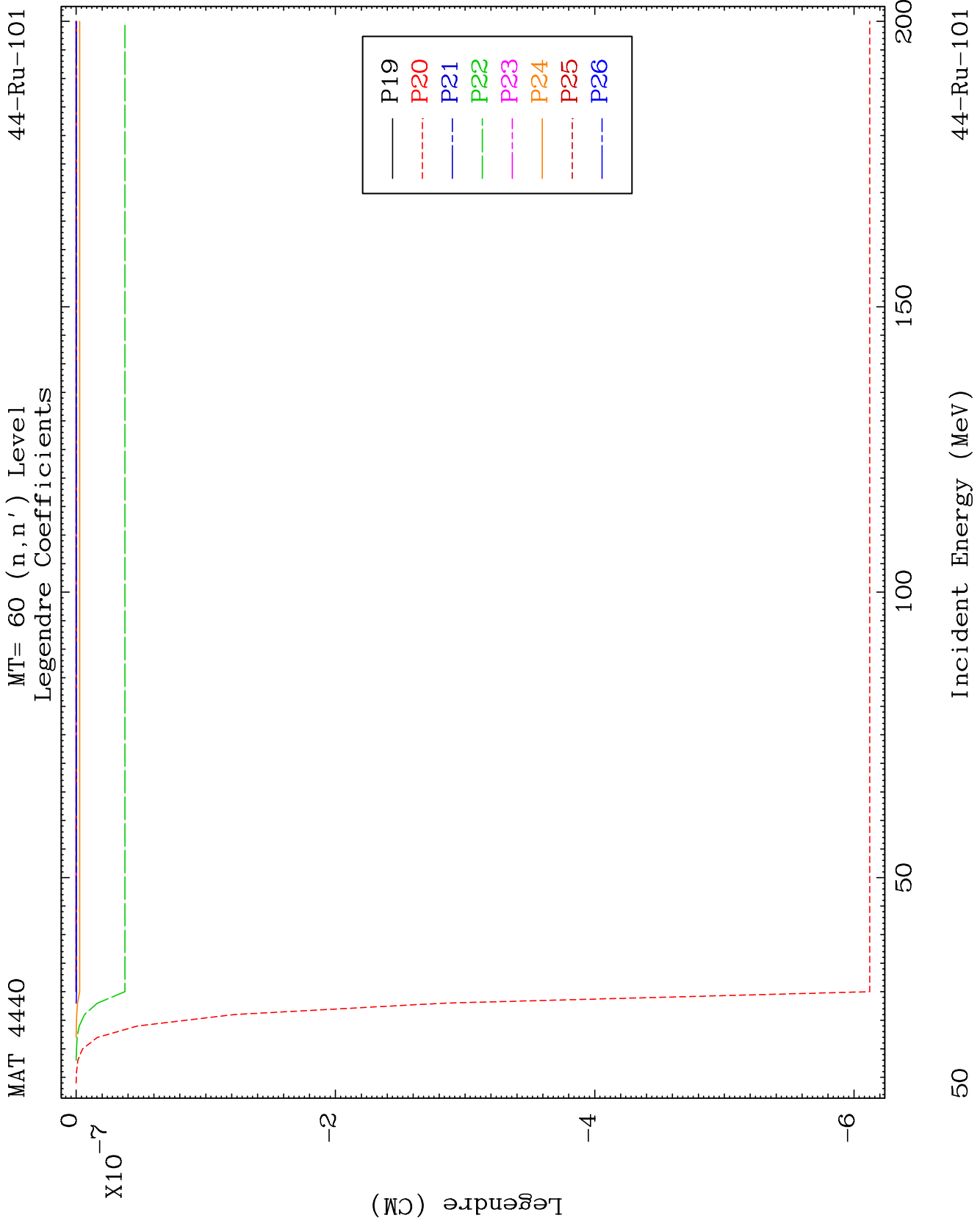
44-Ru-101



49

Incident Energy (MeV)

44-Ru-101

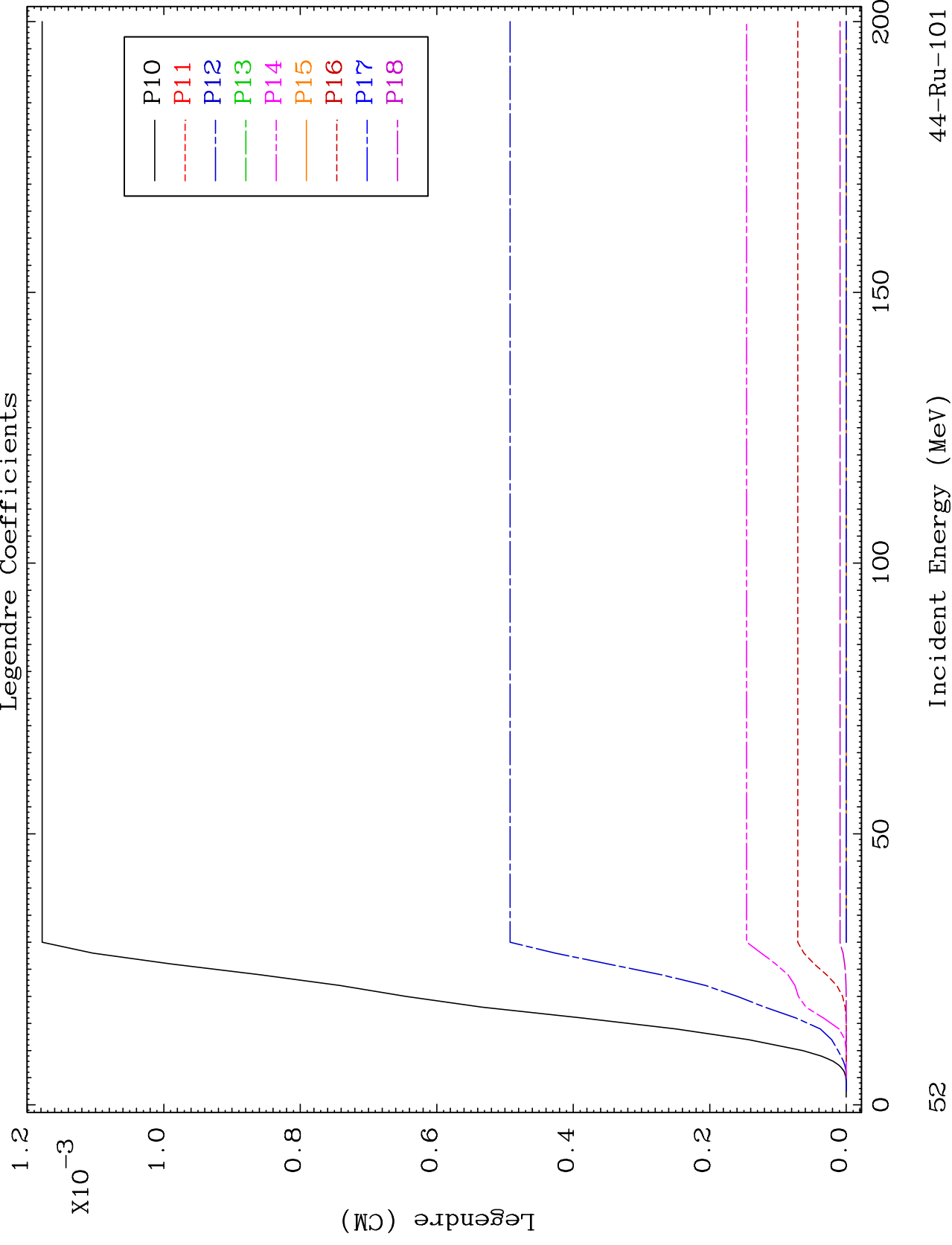




MAT 4440

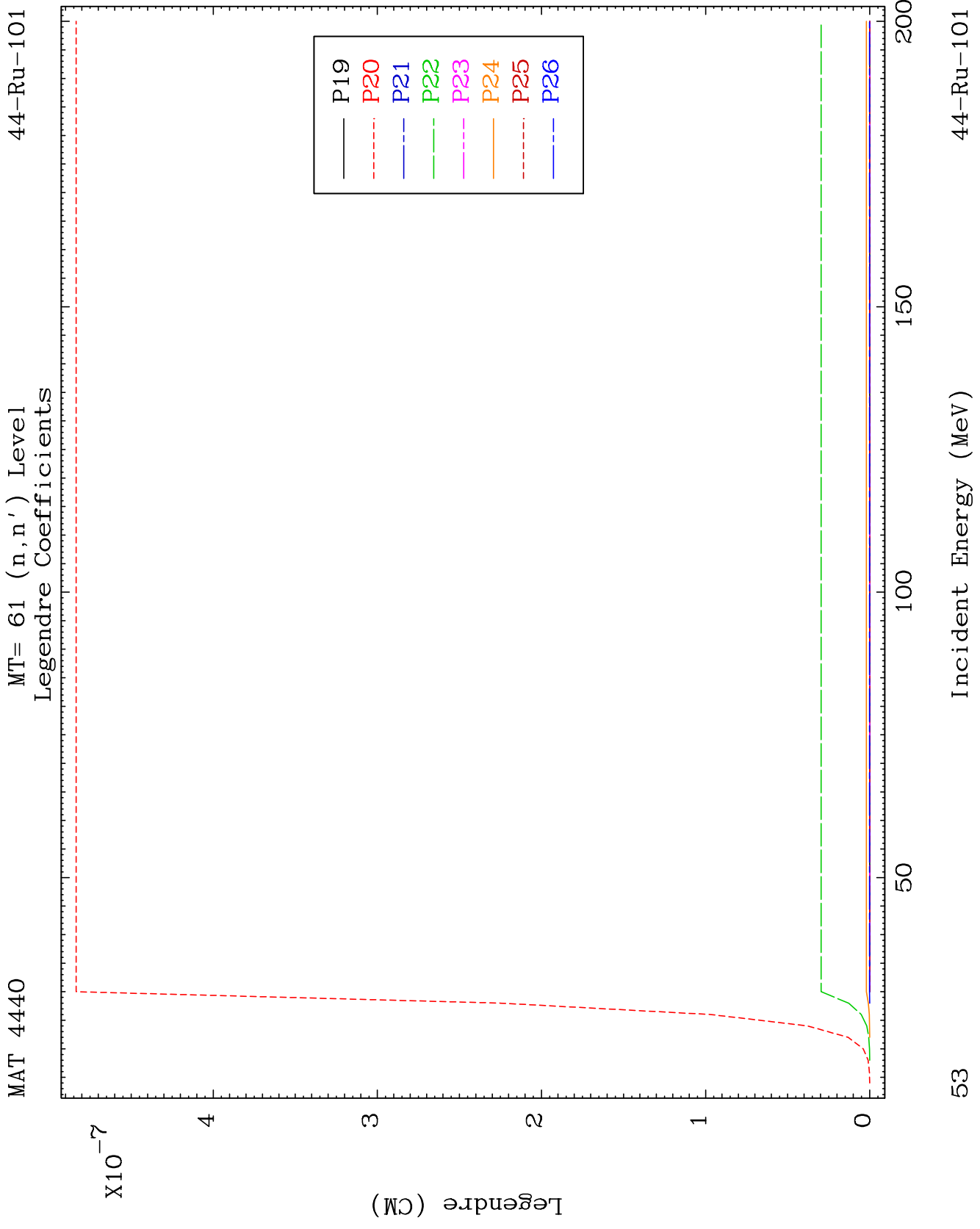
MT= 61 (n,n') Level  
Legendre Coefficients

44-Ru-101



52

44-Ru-101

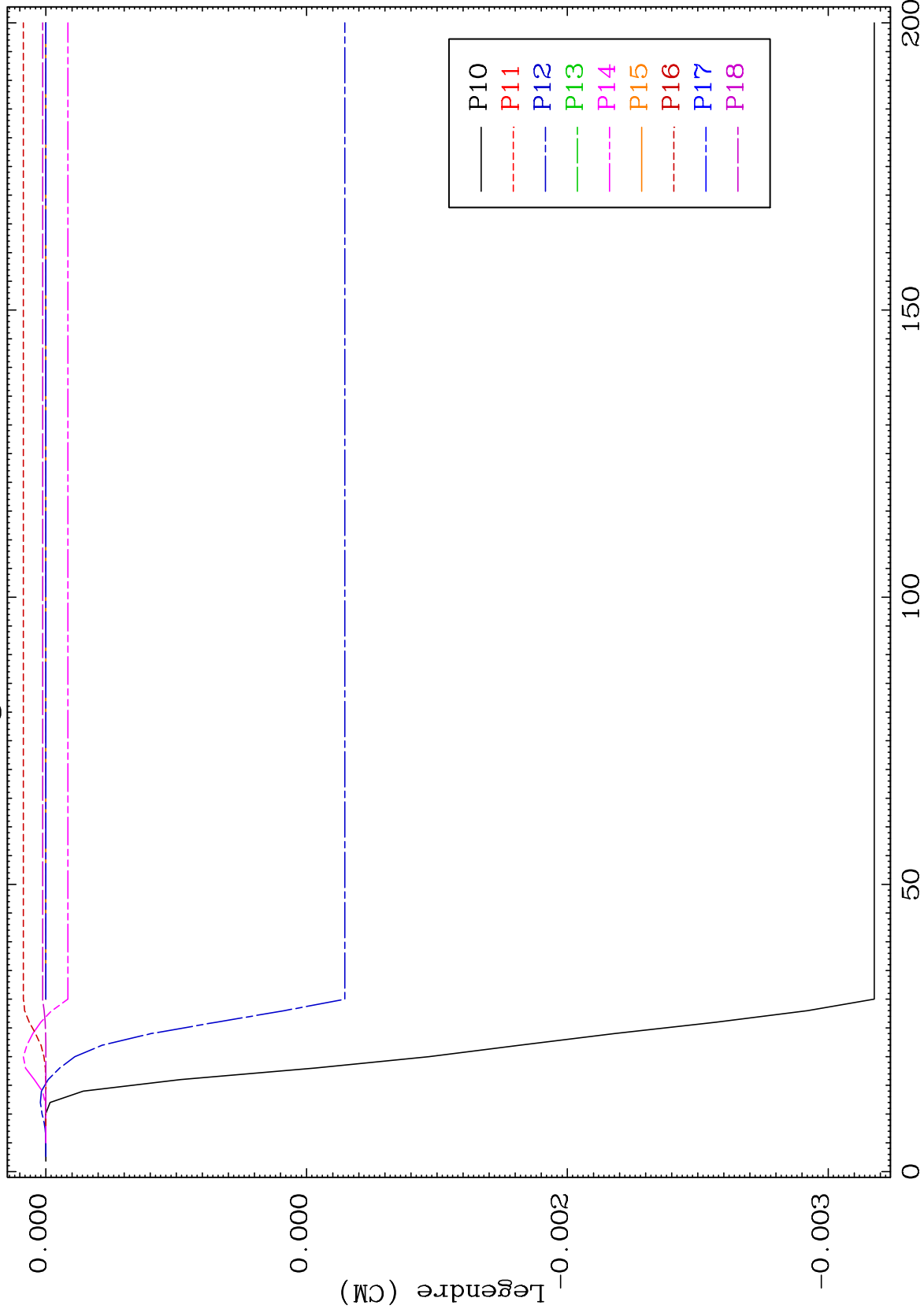




MAT 4440

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

44-Ru-101



55

Incident Energy (MeV)

44-Ru-101

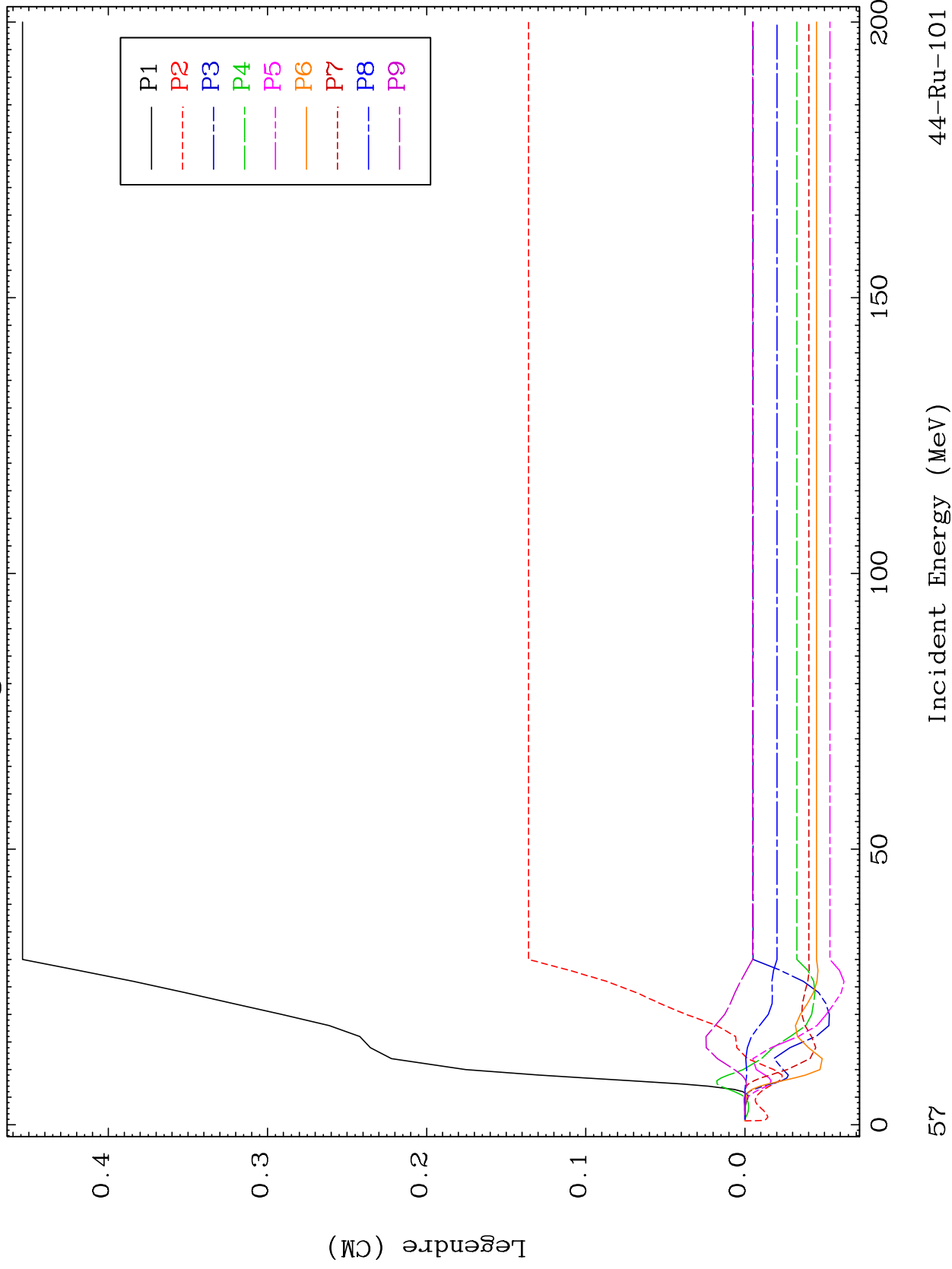




MAT 4440

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

44-Ru-101



44-Ru-101

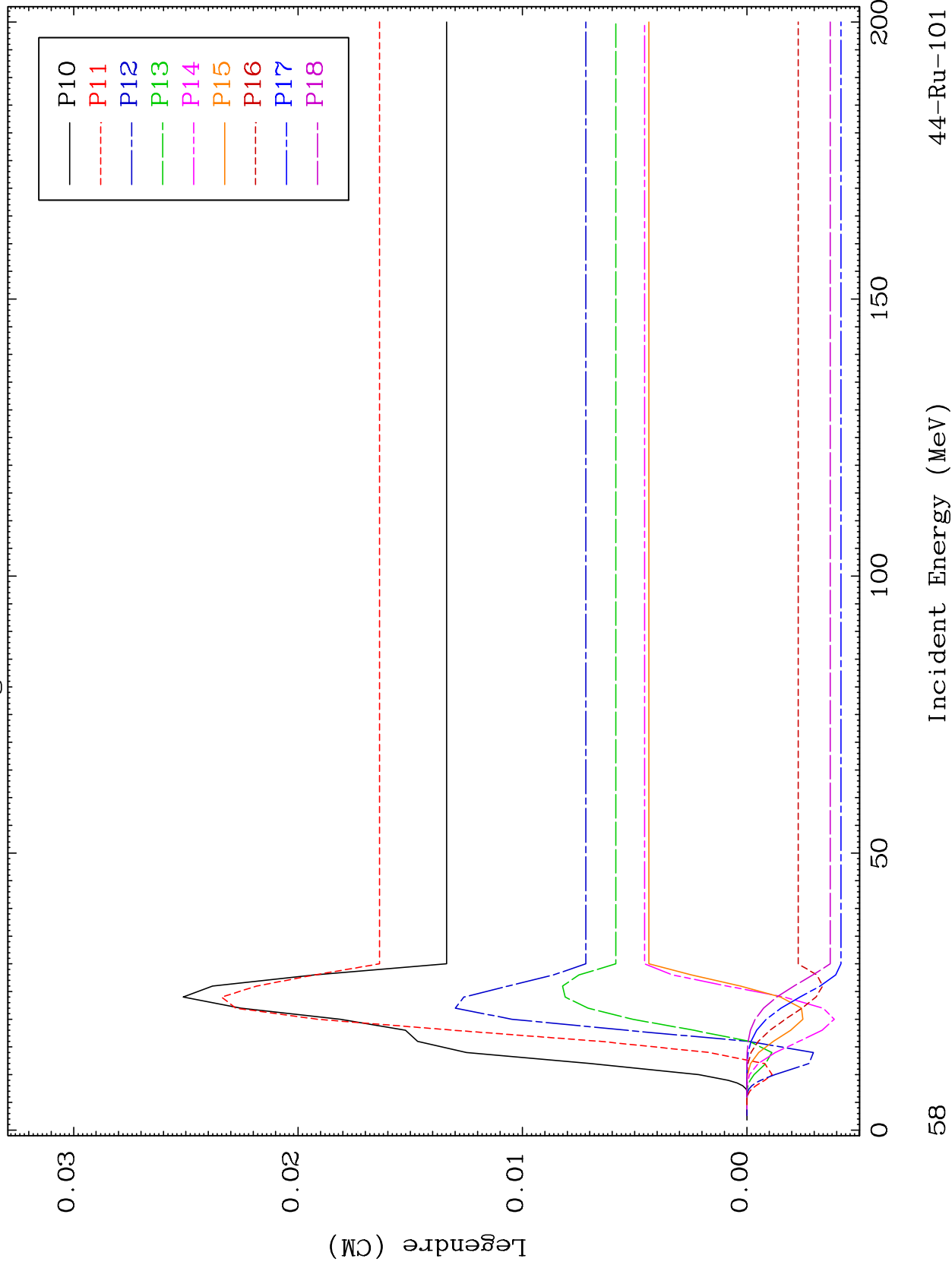
Incident Energy (MeV)

57

MAT 4440

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

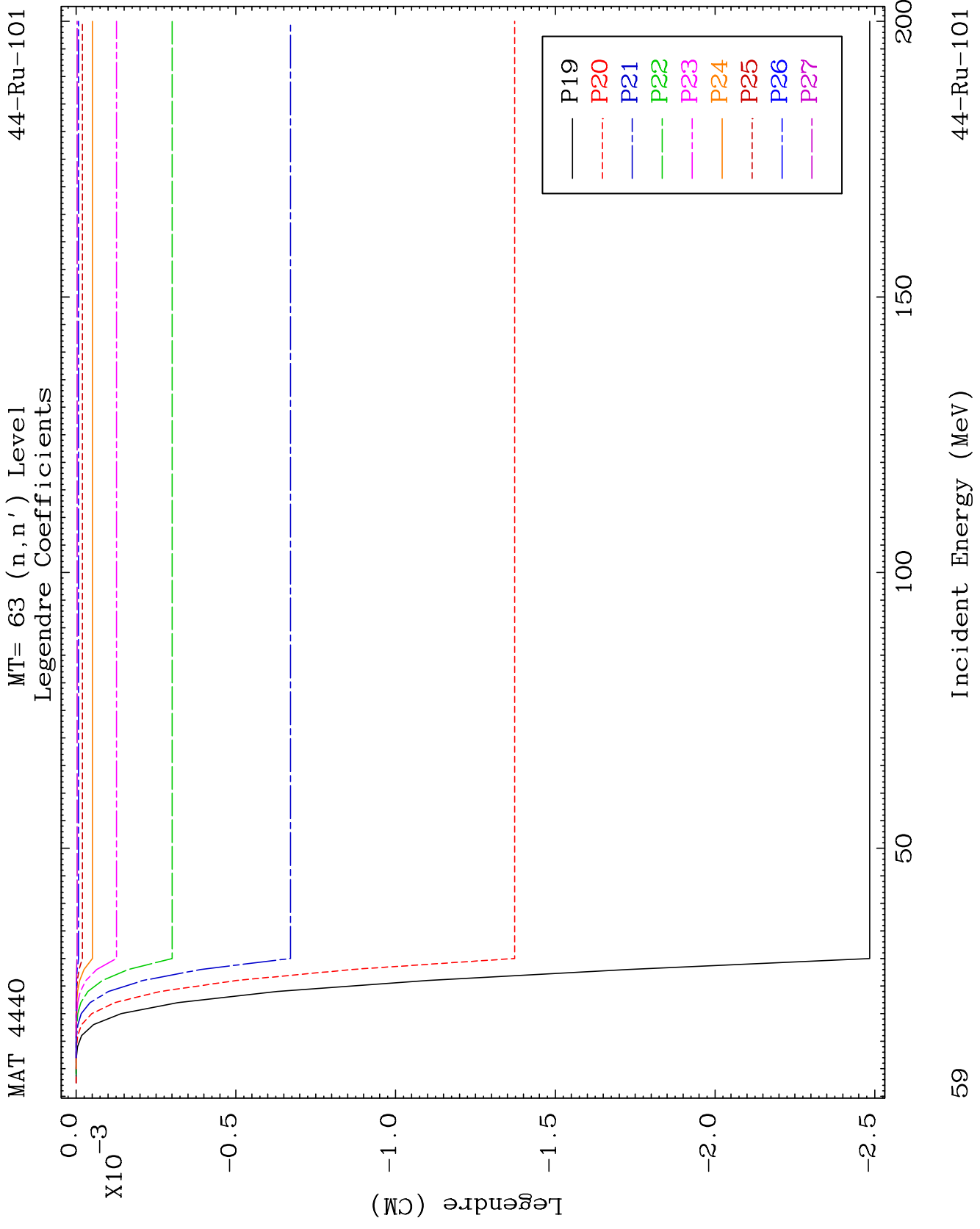
44-Ru-101

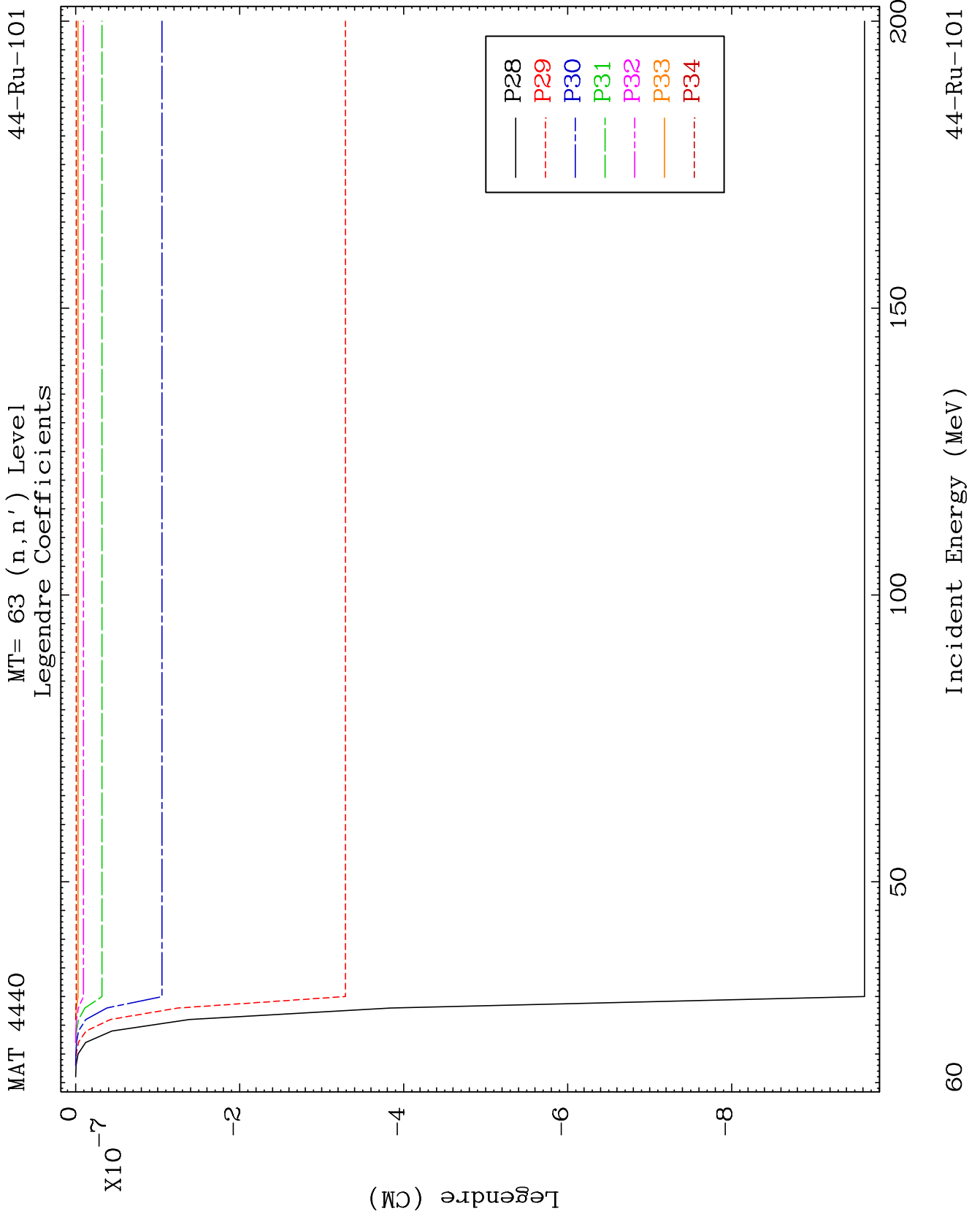


44-Ru-101

Incident Energy (MeV)

58



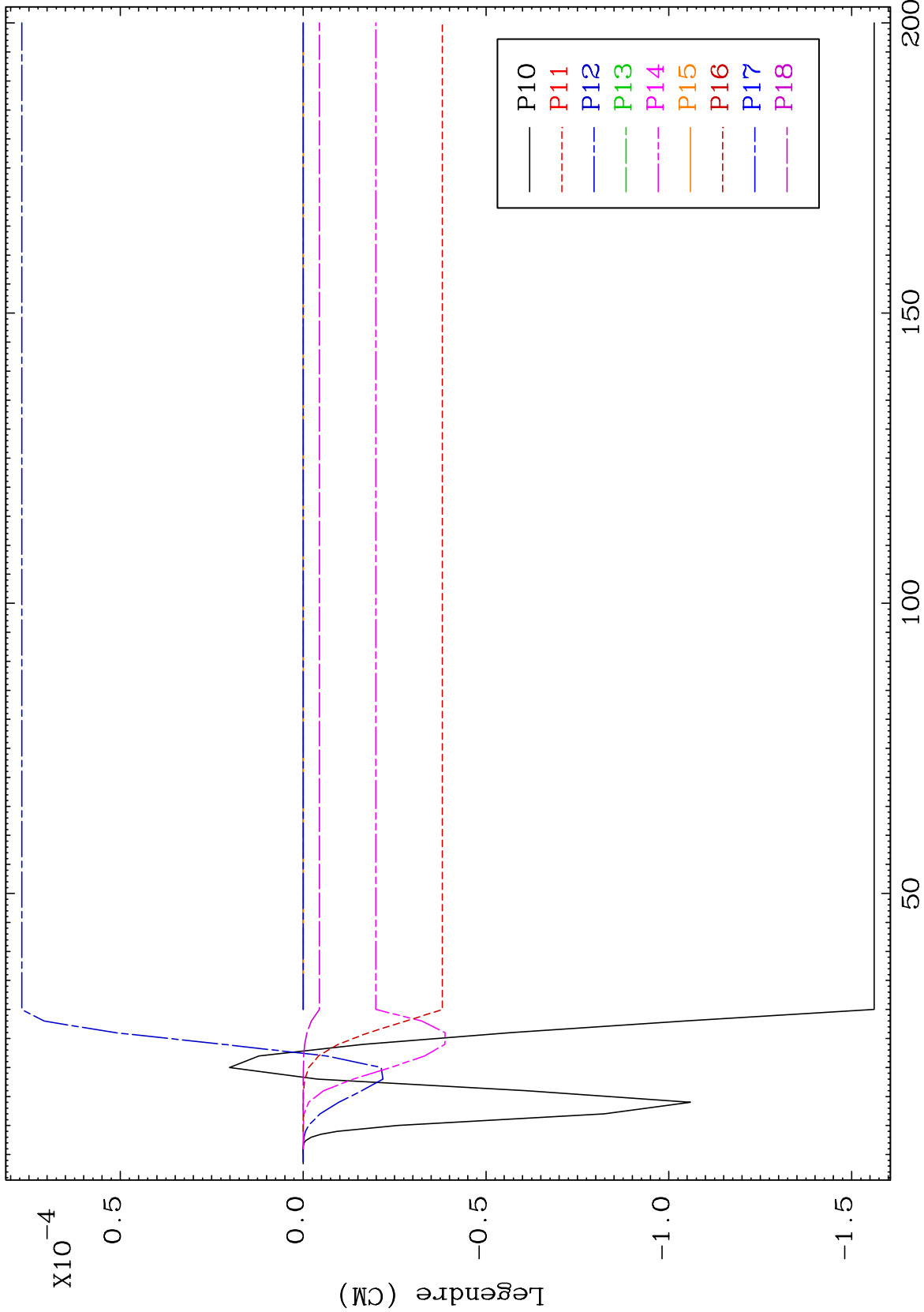




MAT 4440

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

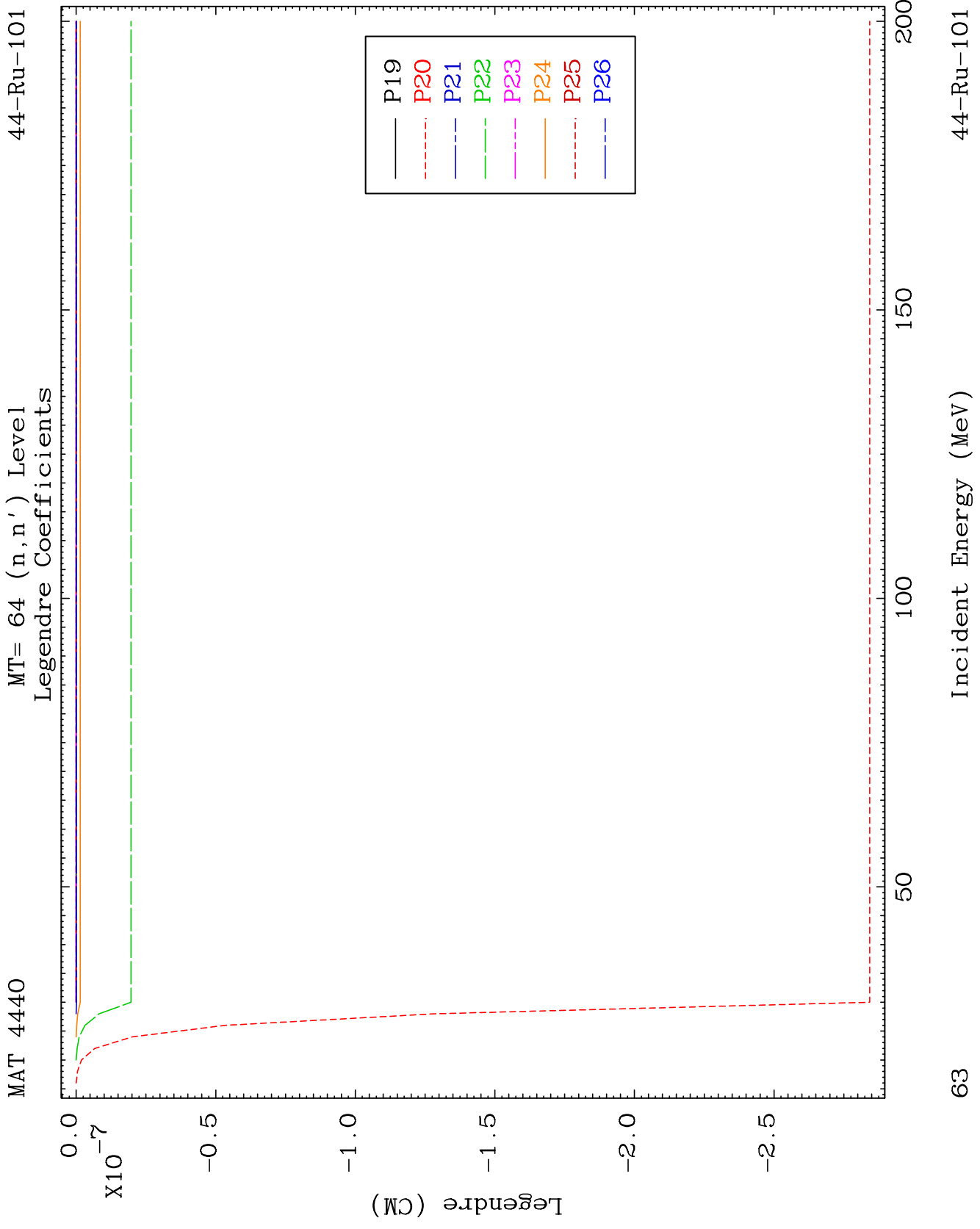
44-Ru-101



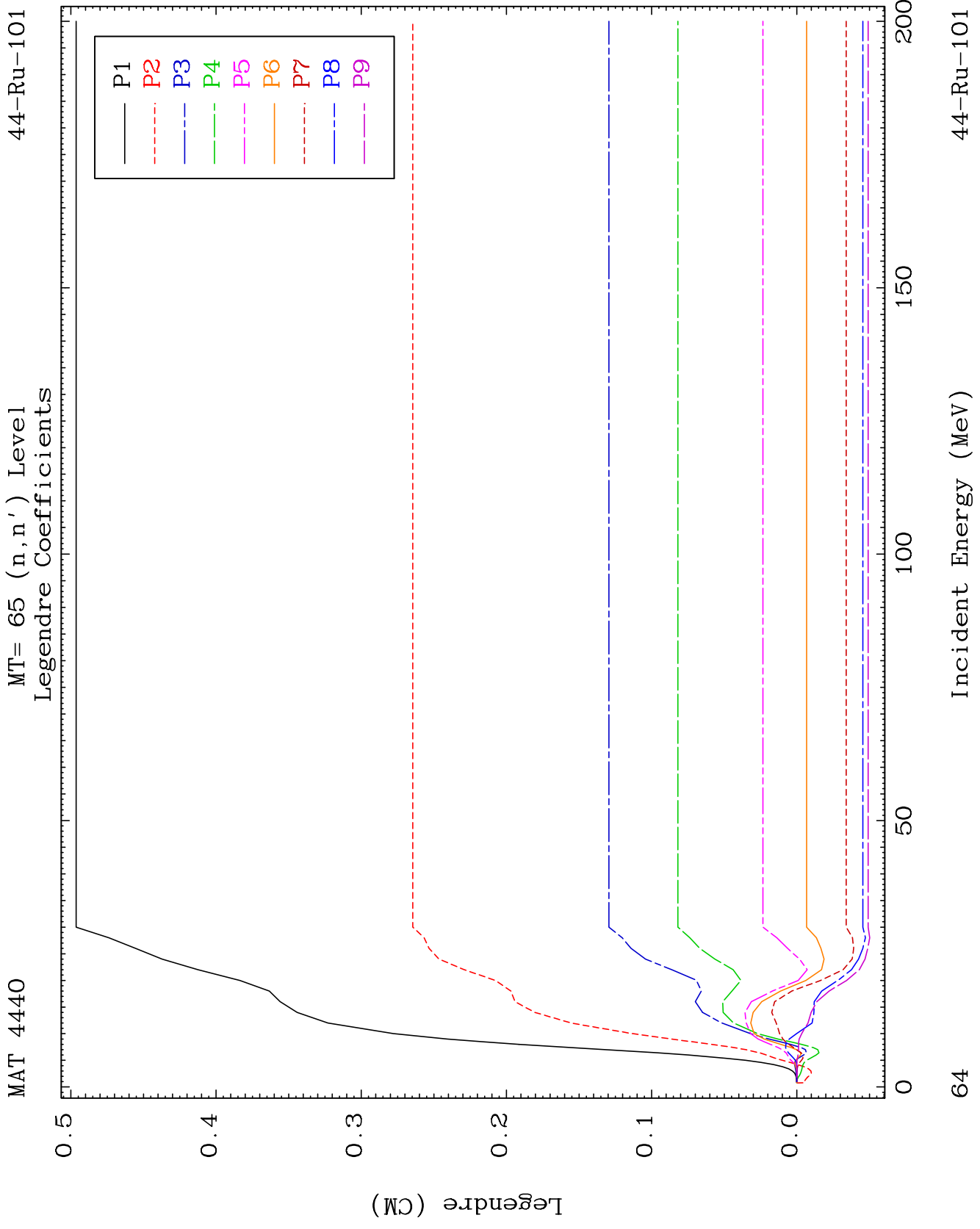
62

Incident Energy (MeV)

44-Ru-101



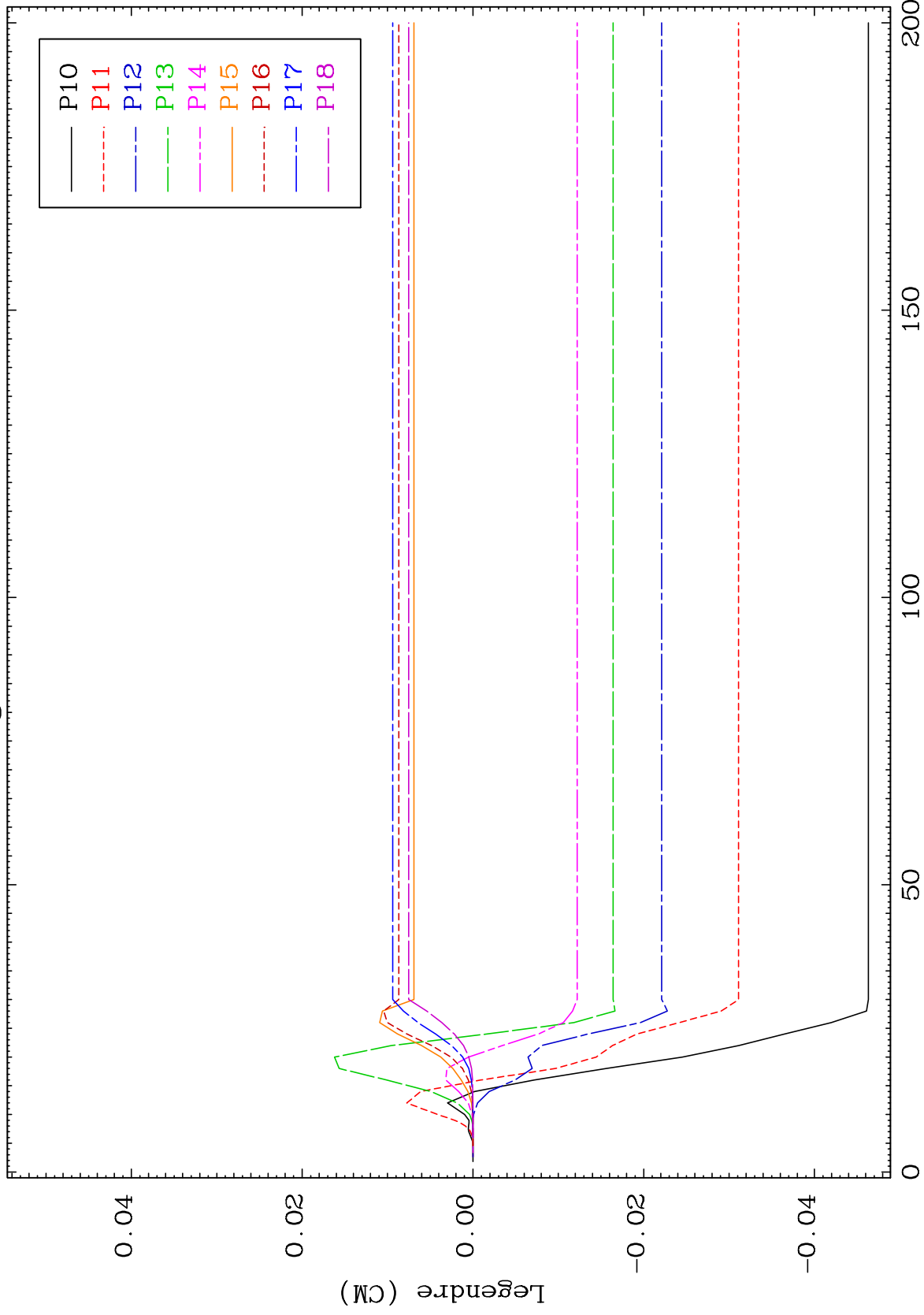




MAT 4440

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

44-Ru-101



65

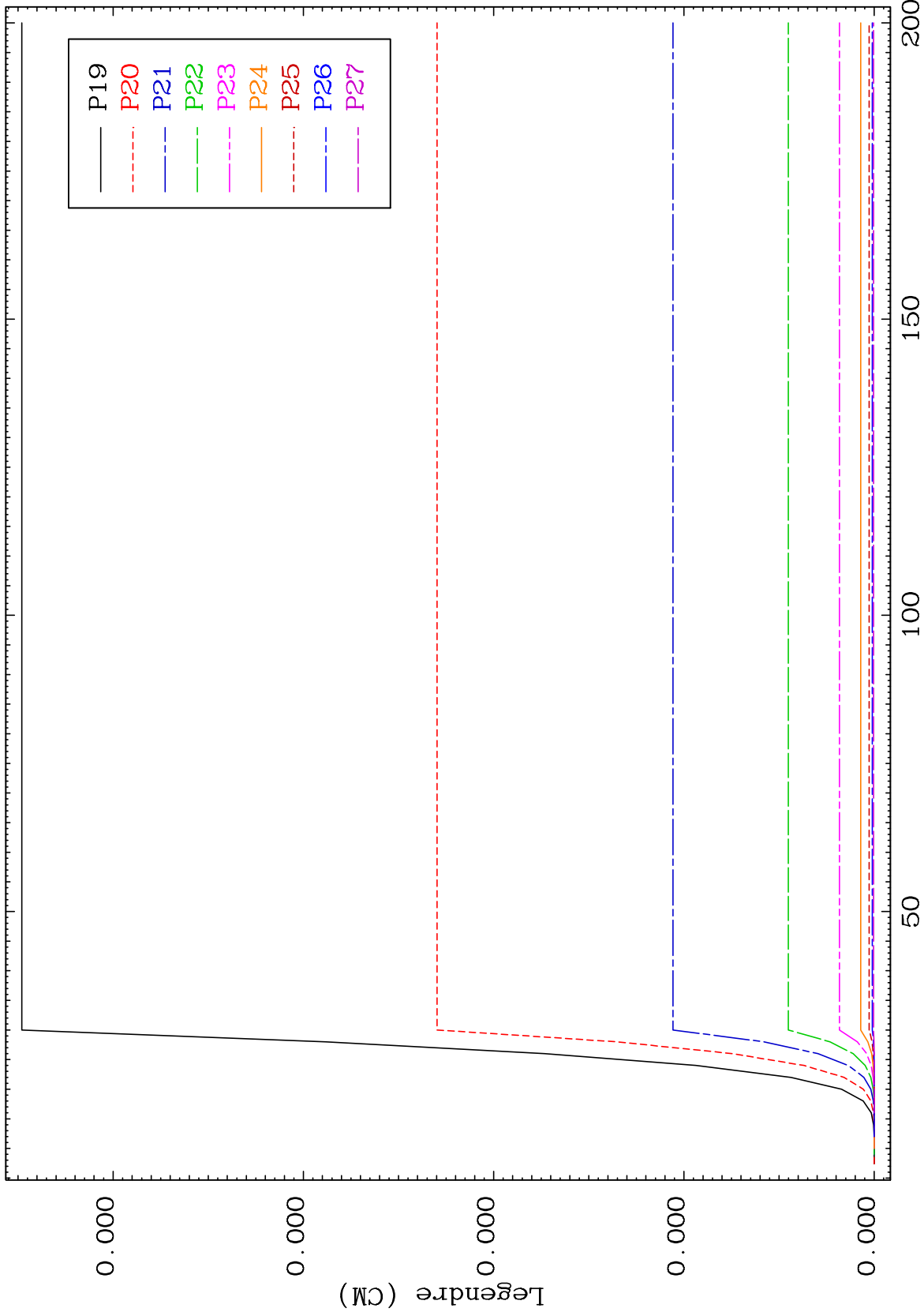
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



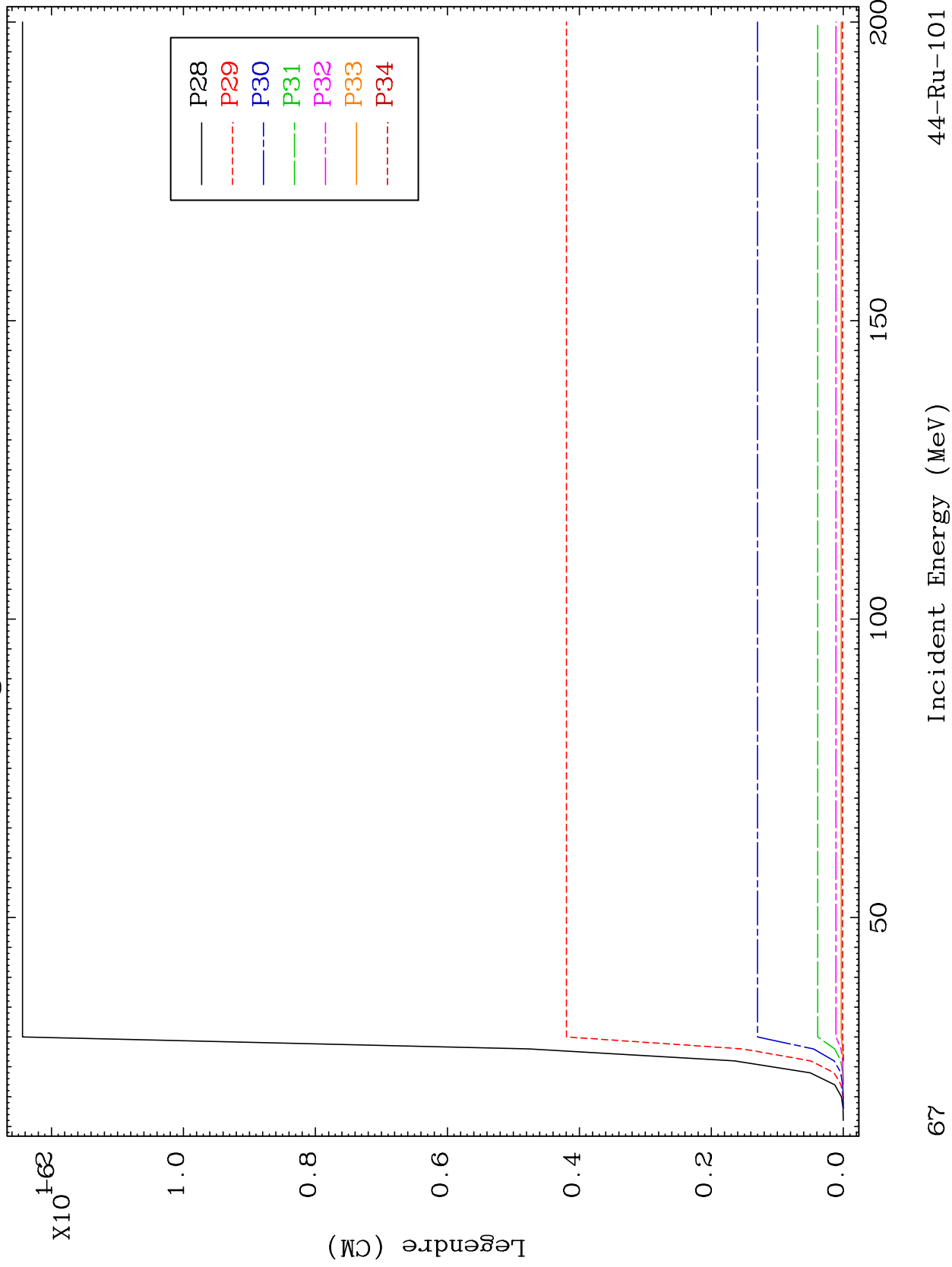
66

44-Ru-101

MAT 4440

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

44-Ru-101

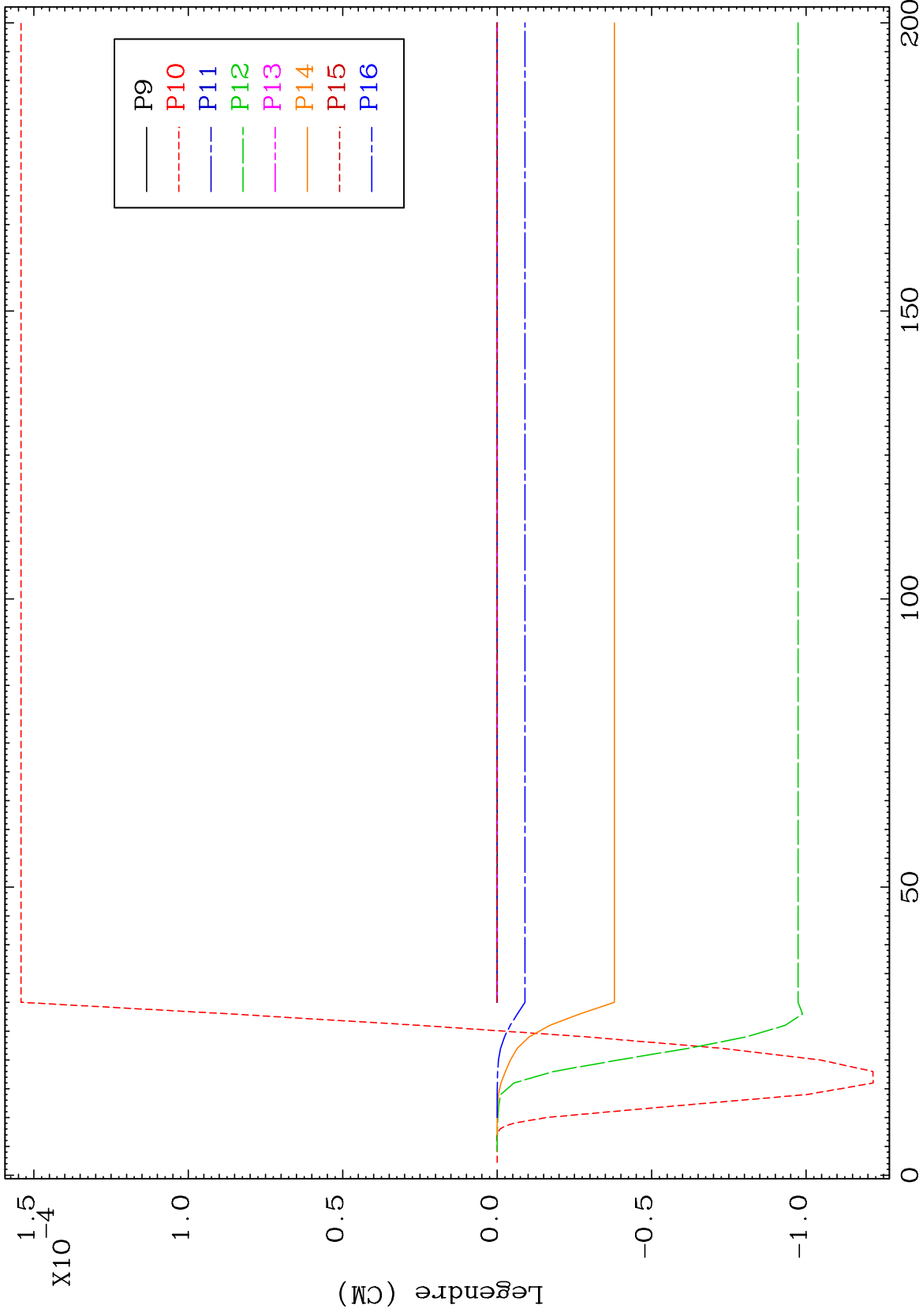




MAT 4440

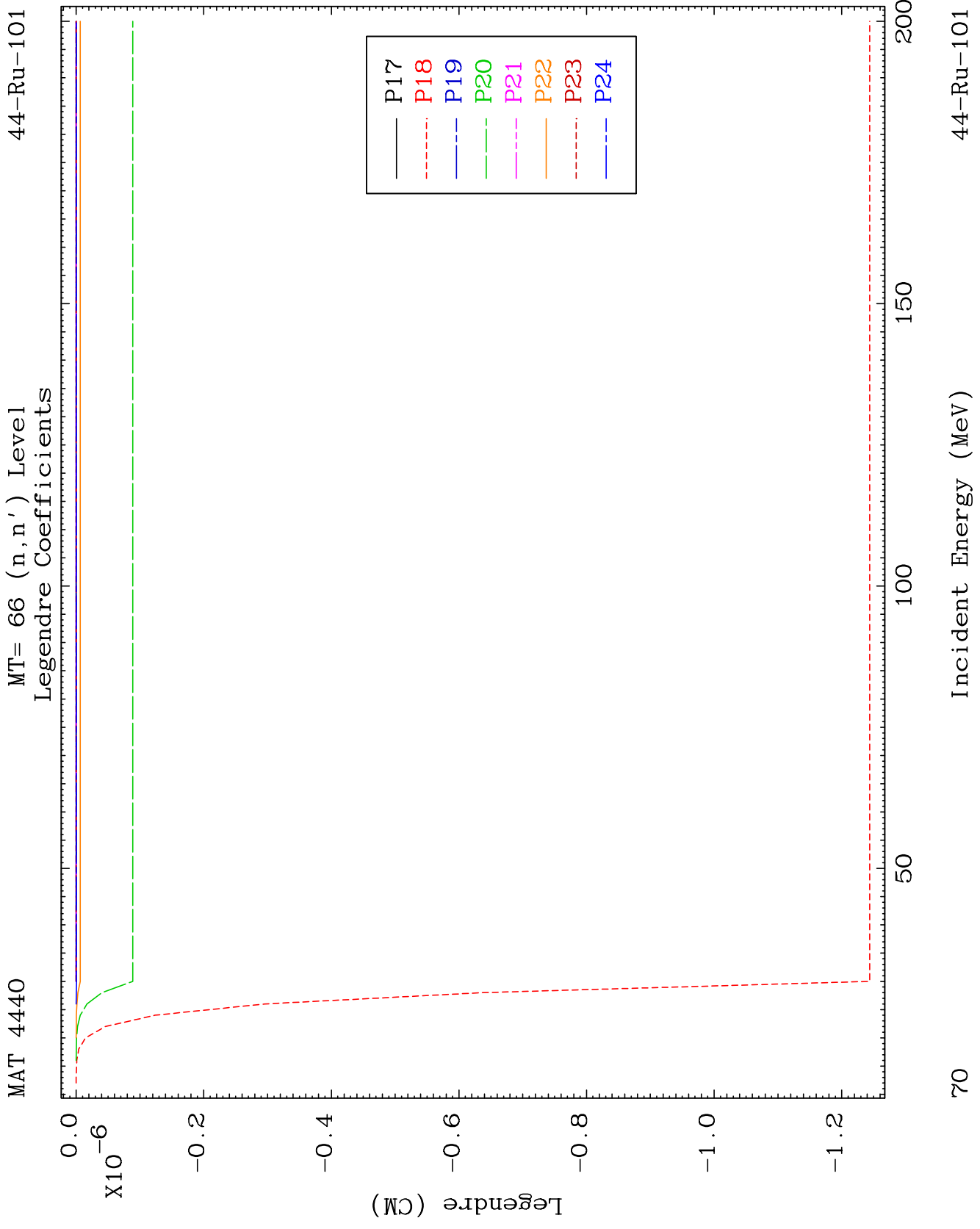
MT= 66 (n,n') Level  
Legendre Coefficients

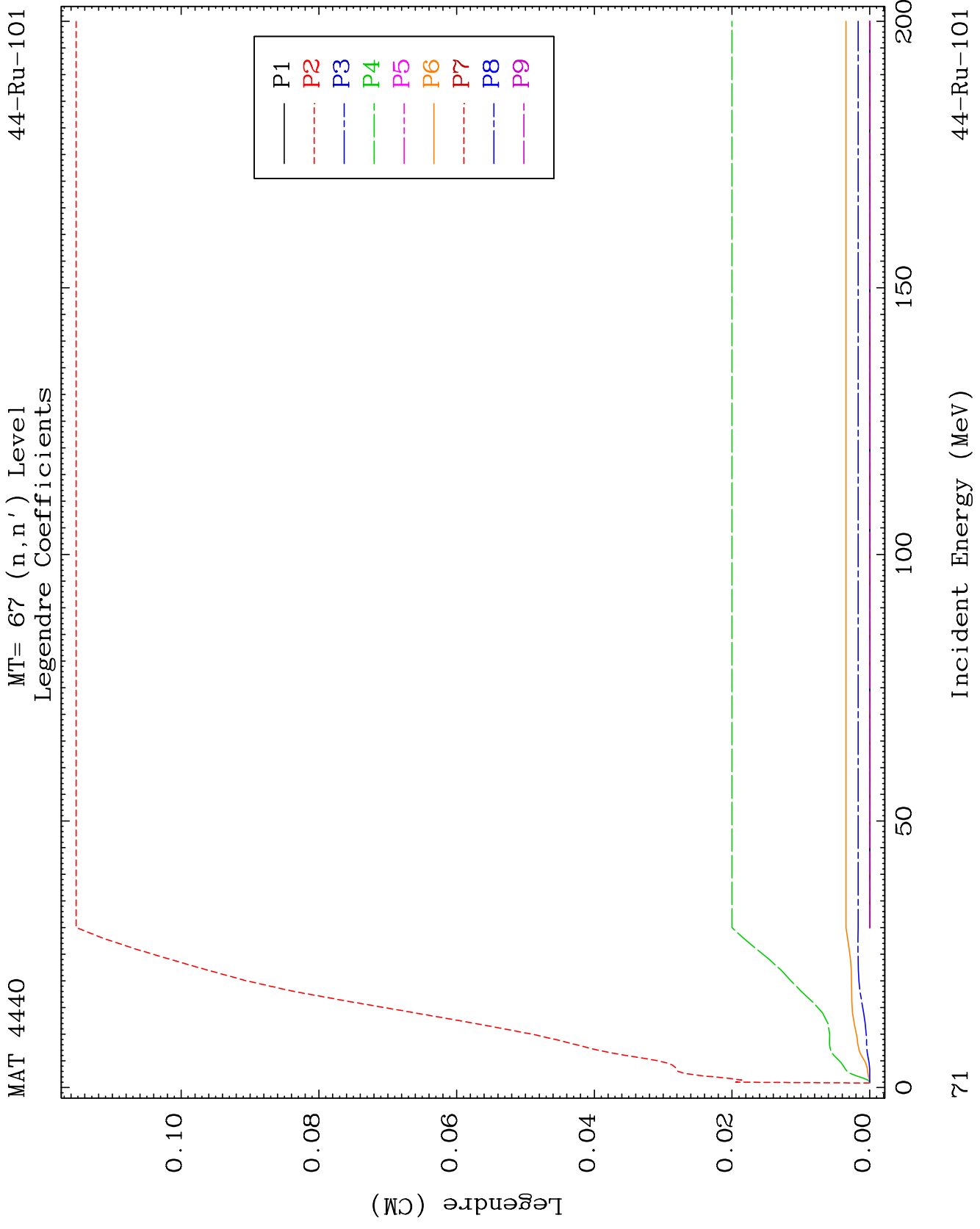
44-Ru-101



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44-Ru-101



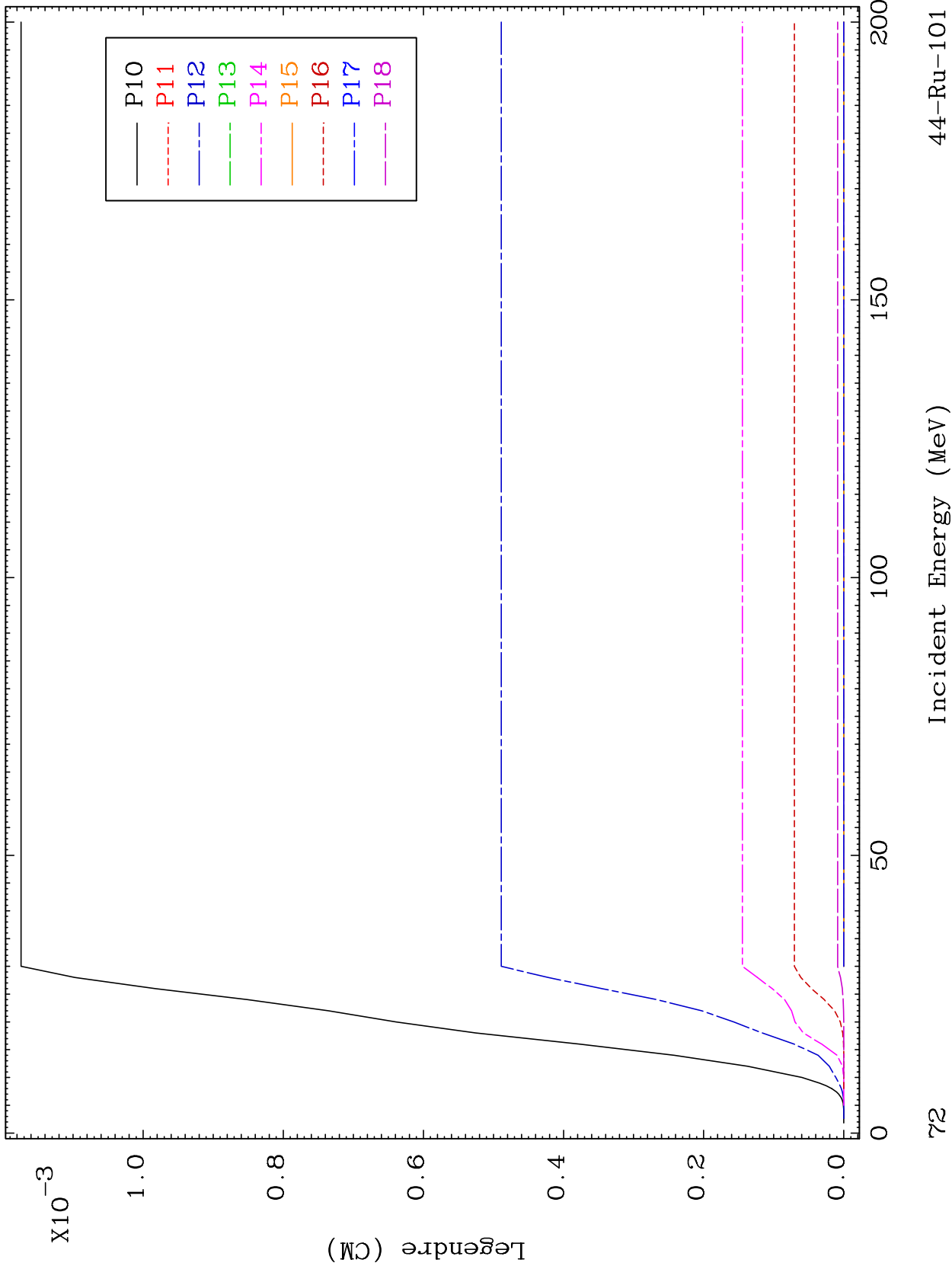




MAT 4440

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

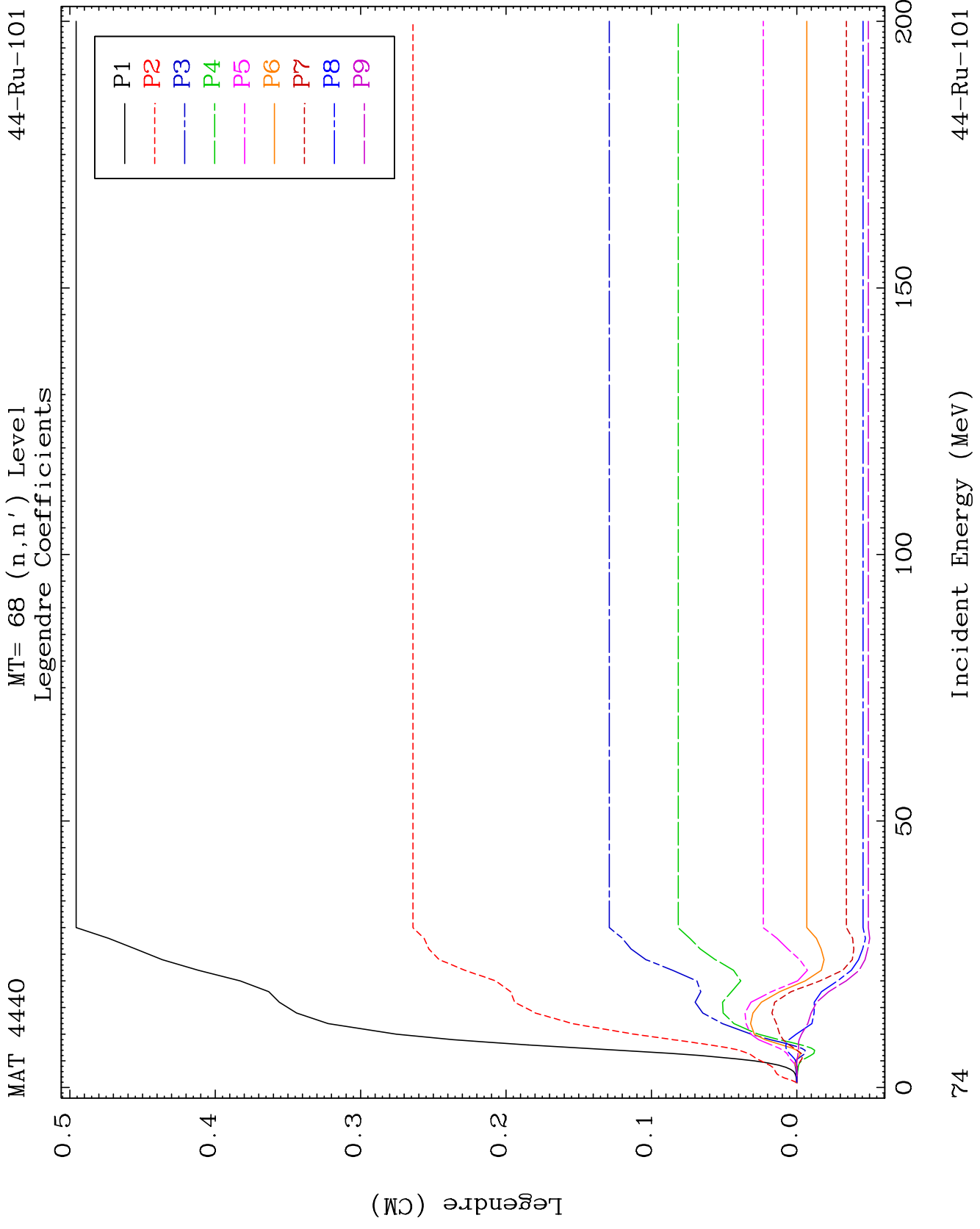
44-Ru-101



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44-Ru-101

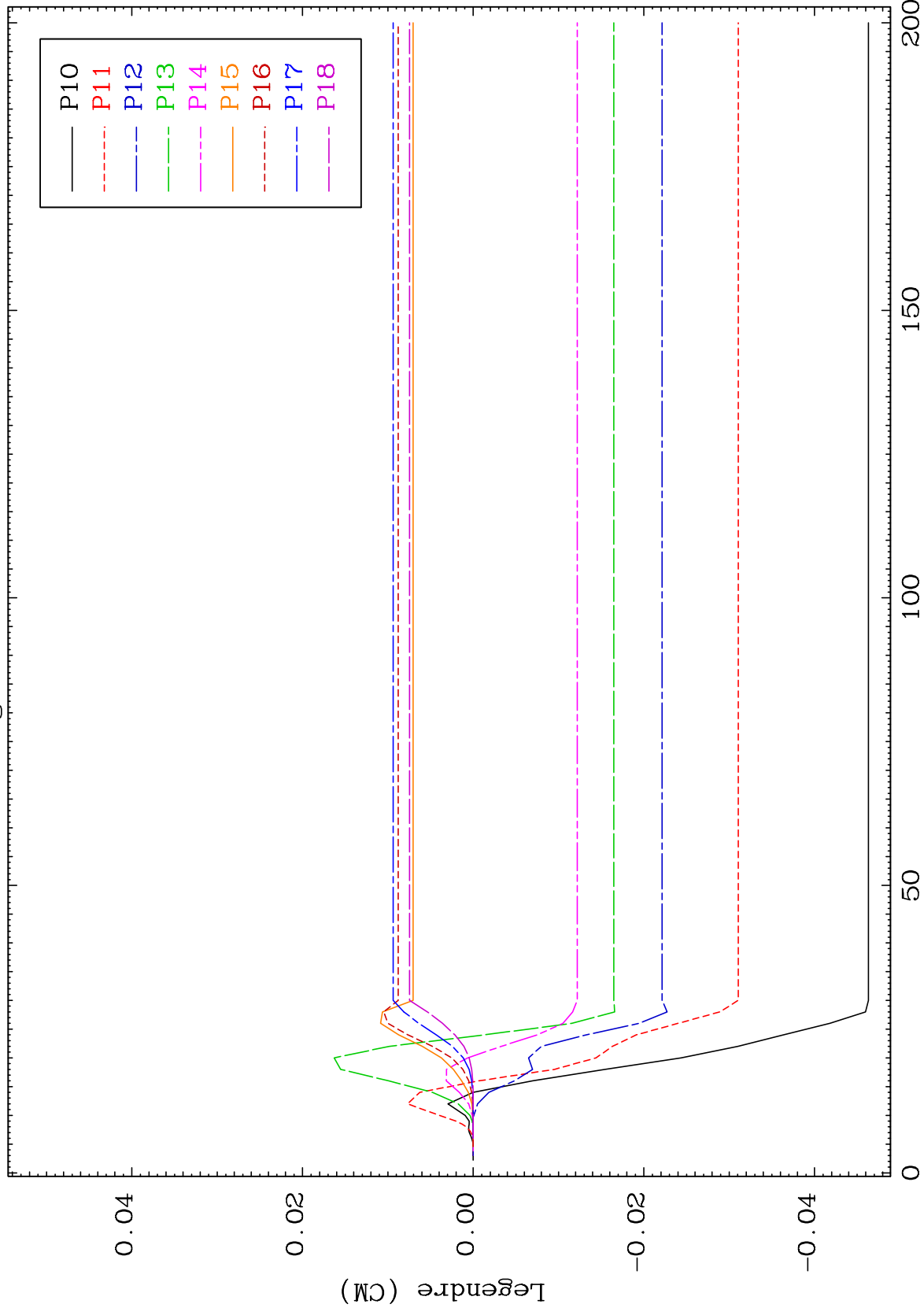




MAT 4440

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

44-Ru-101



75

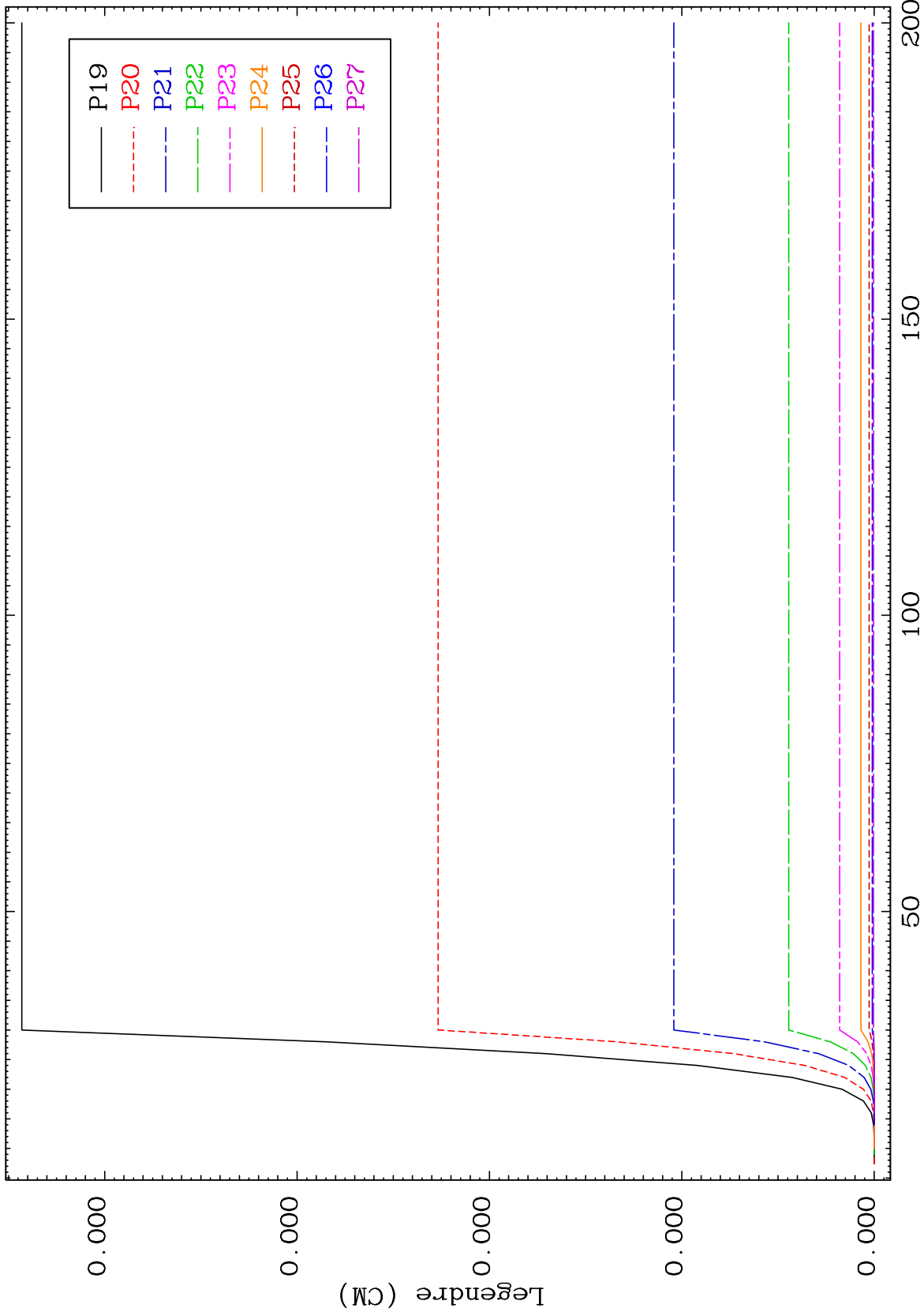
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

44-Ru-101



76

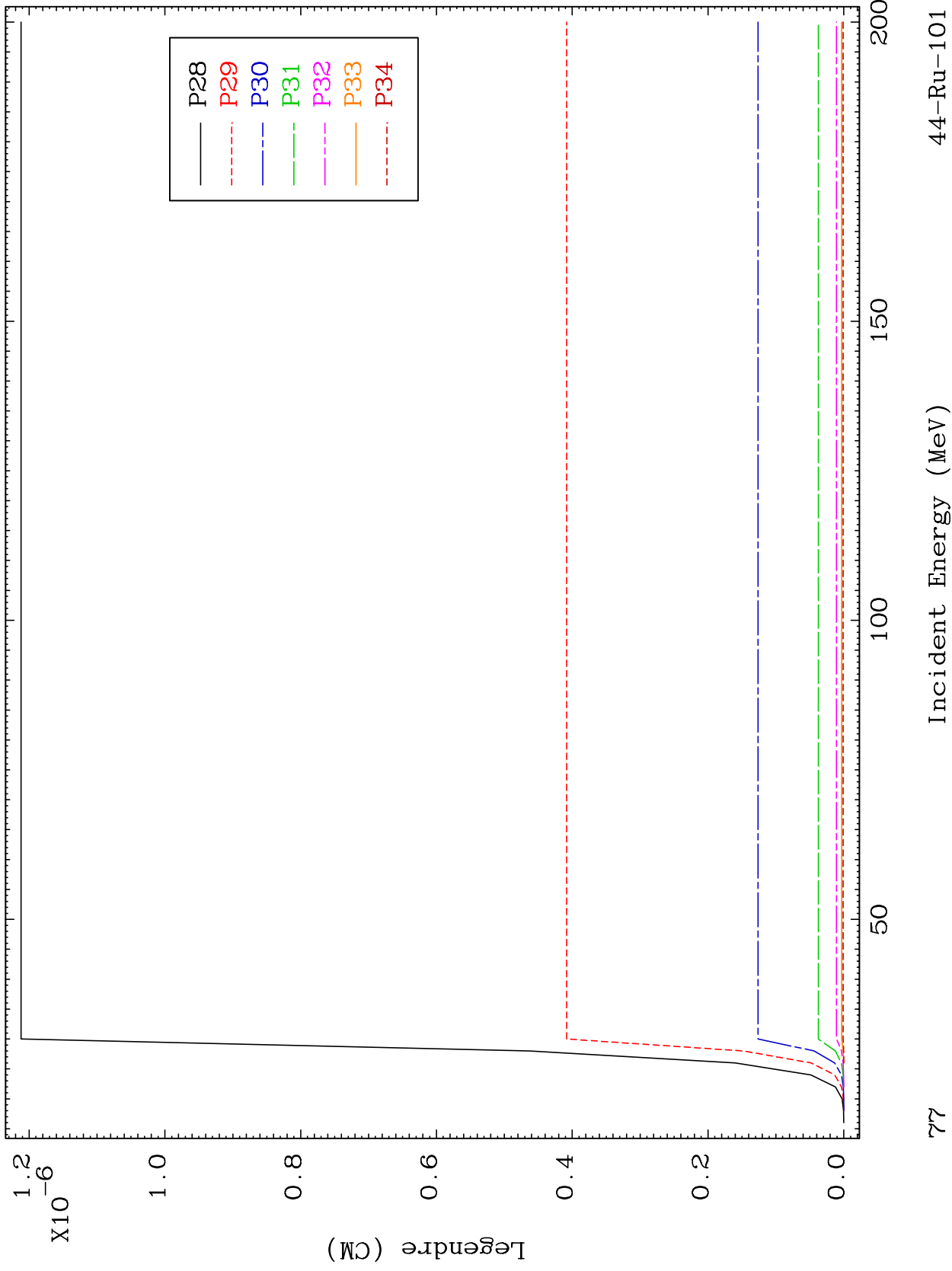
Incident Energy (MeV)

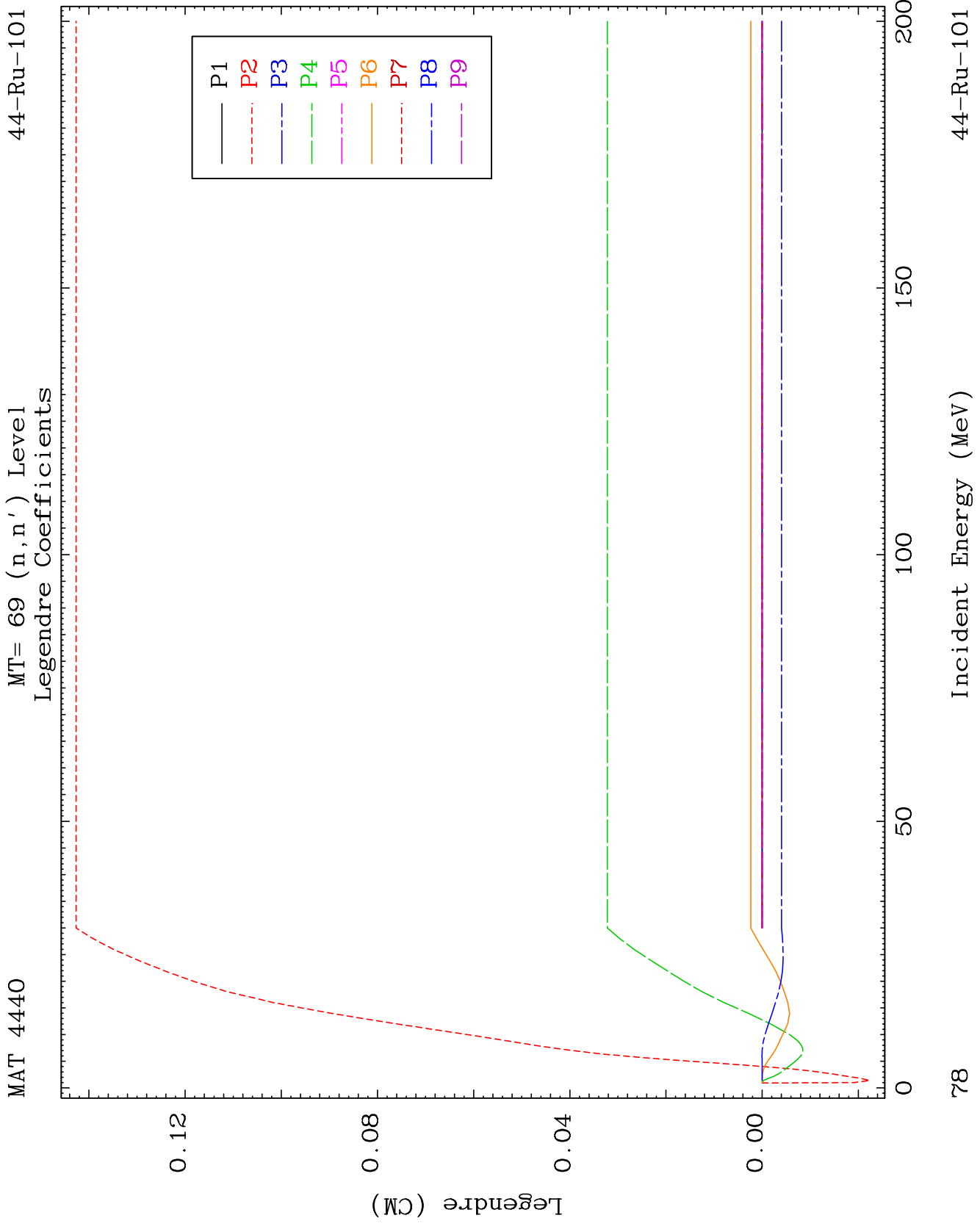
44-Ru-101

MAT 4440

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

44-Ru-101

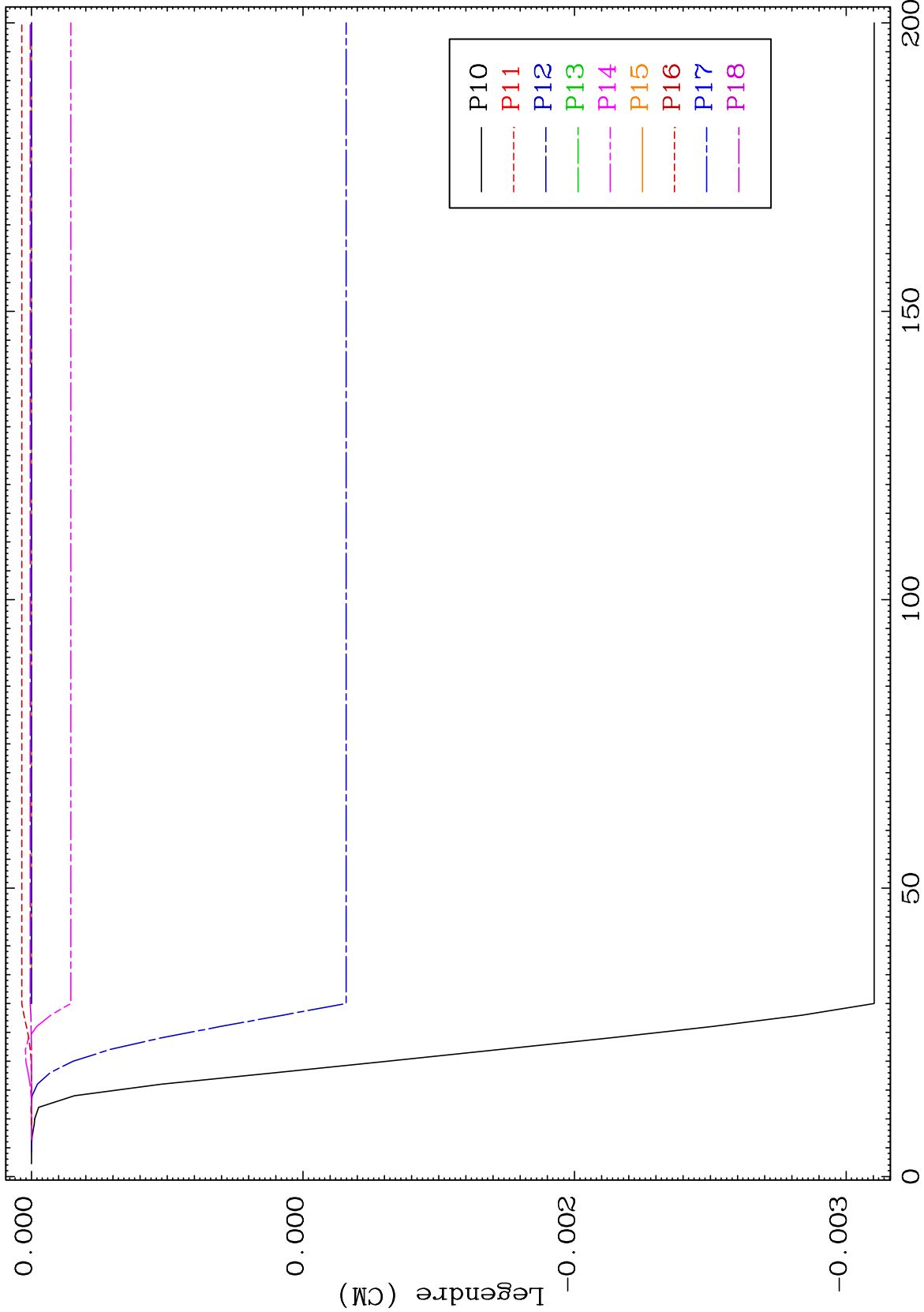




MAT 4440

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

44-Ru-101

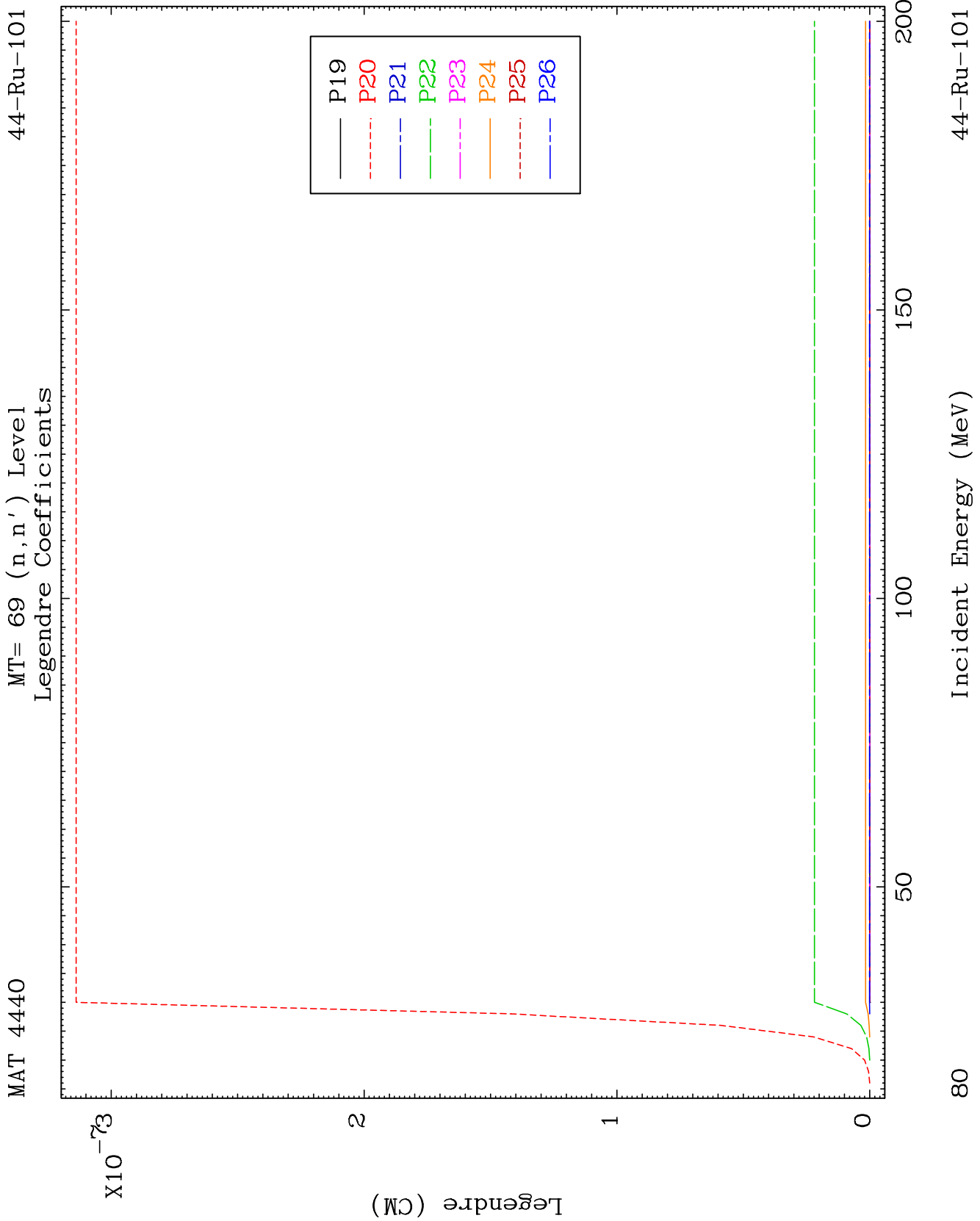


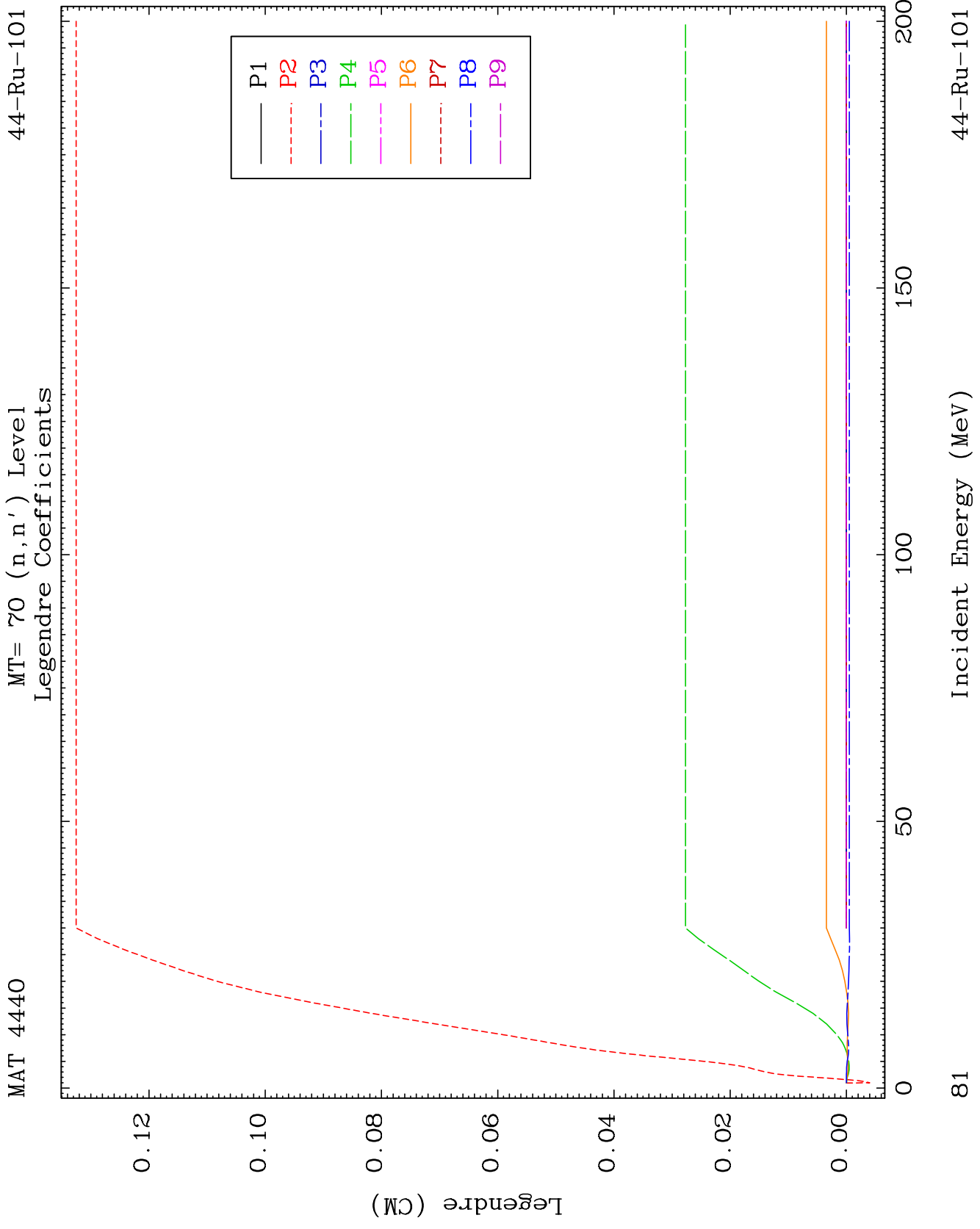
79

Incident Energy (MeV)

44-Ru-101



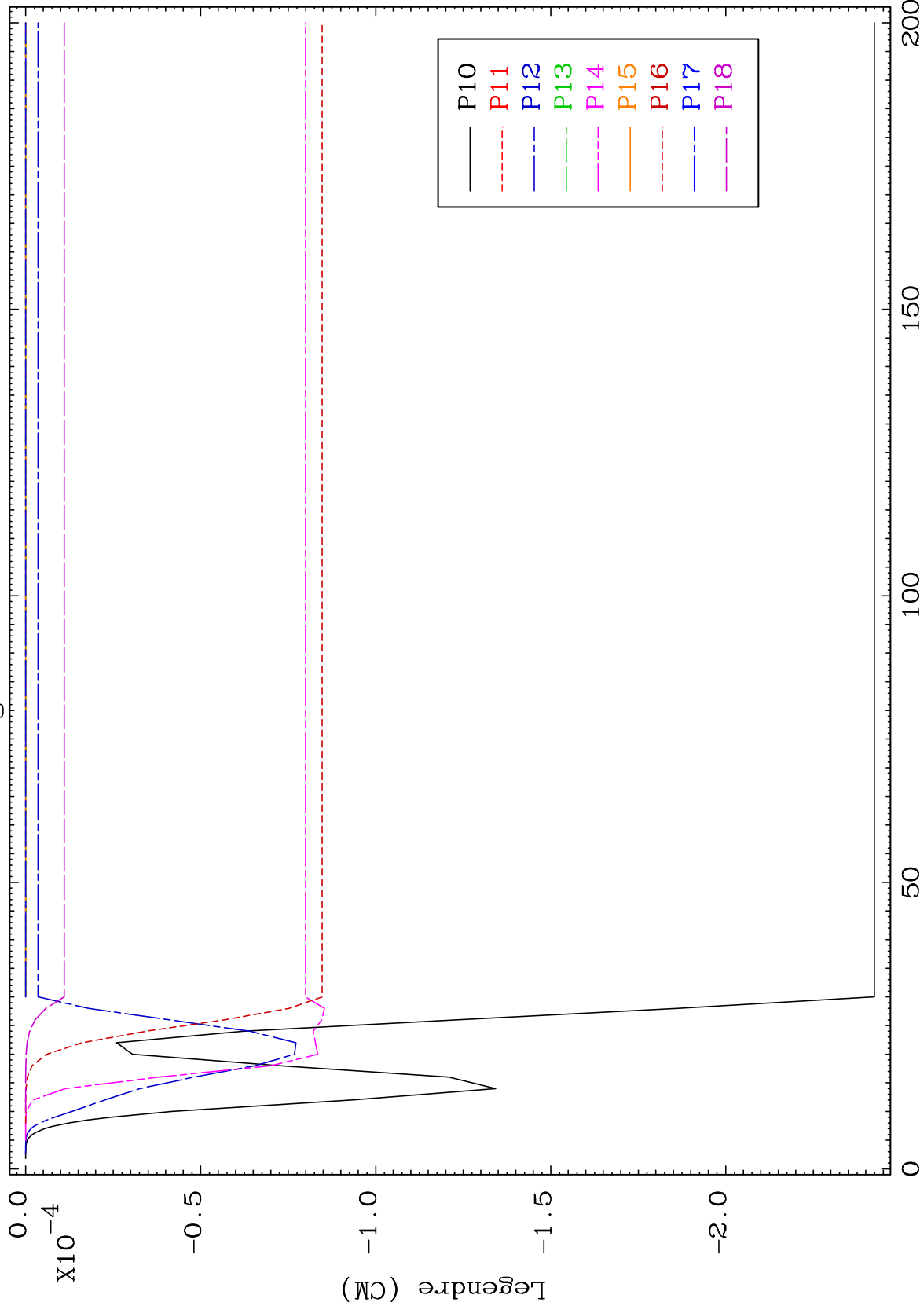




MAT 4440

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

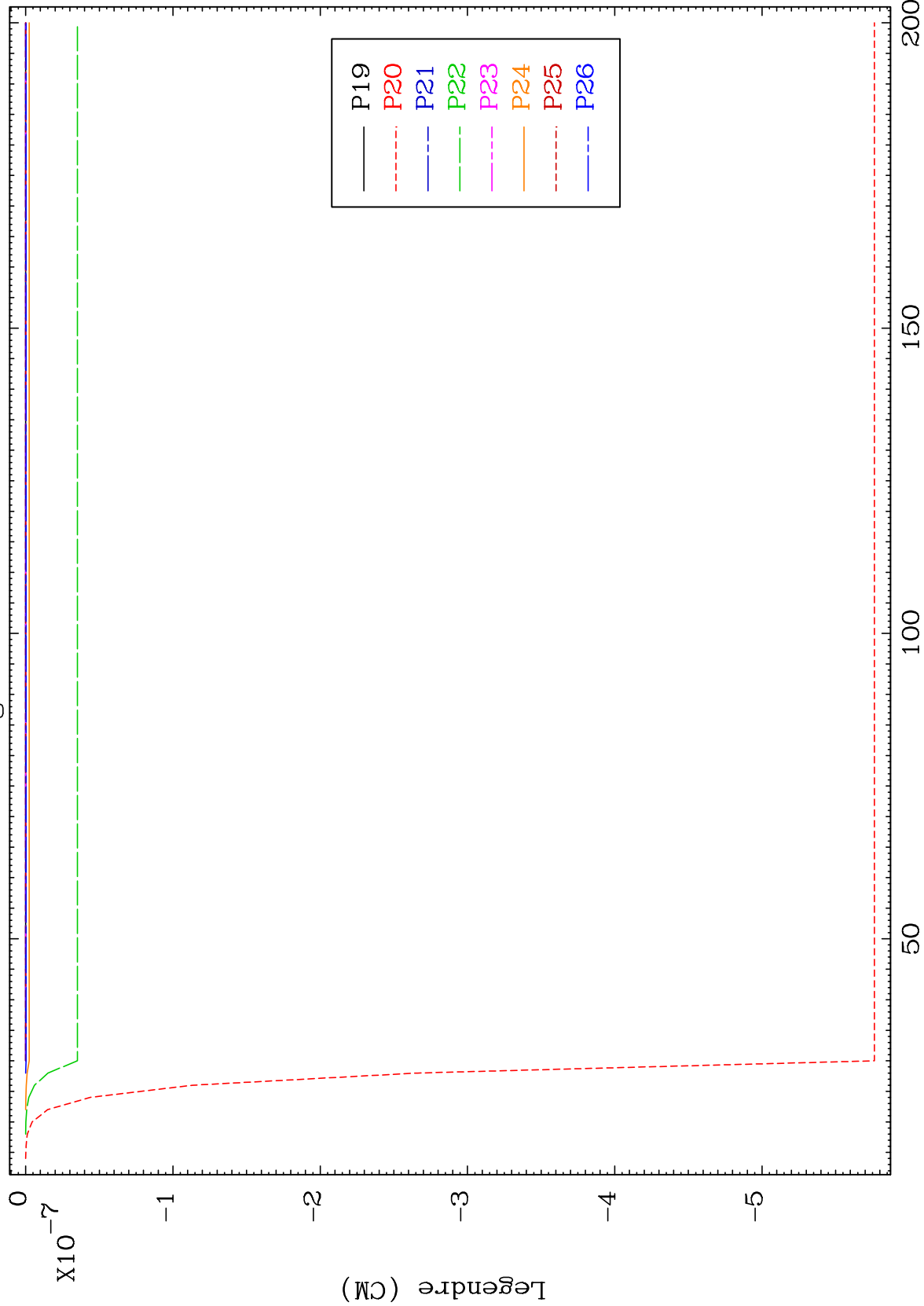
44-Ru-101



MAT 4440

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

44-Ru-101



83

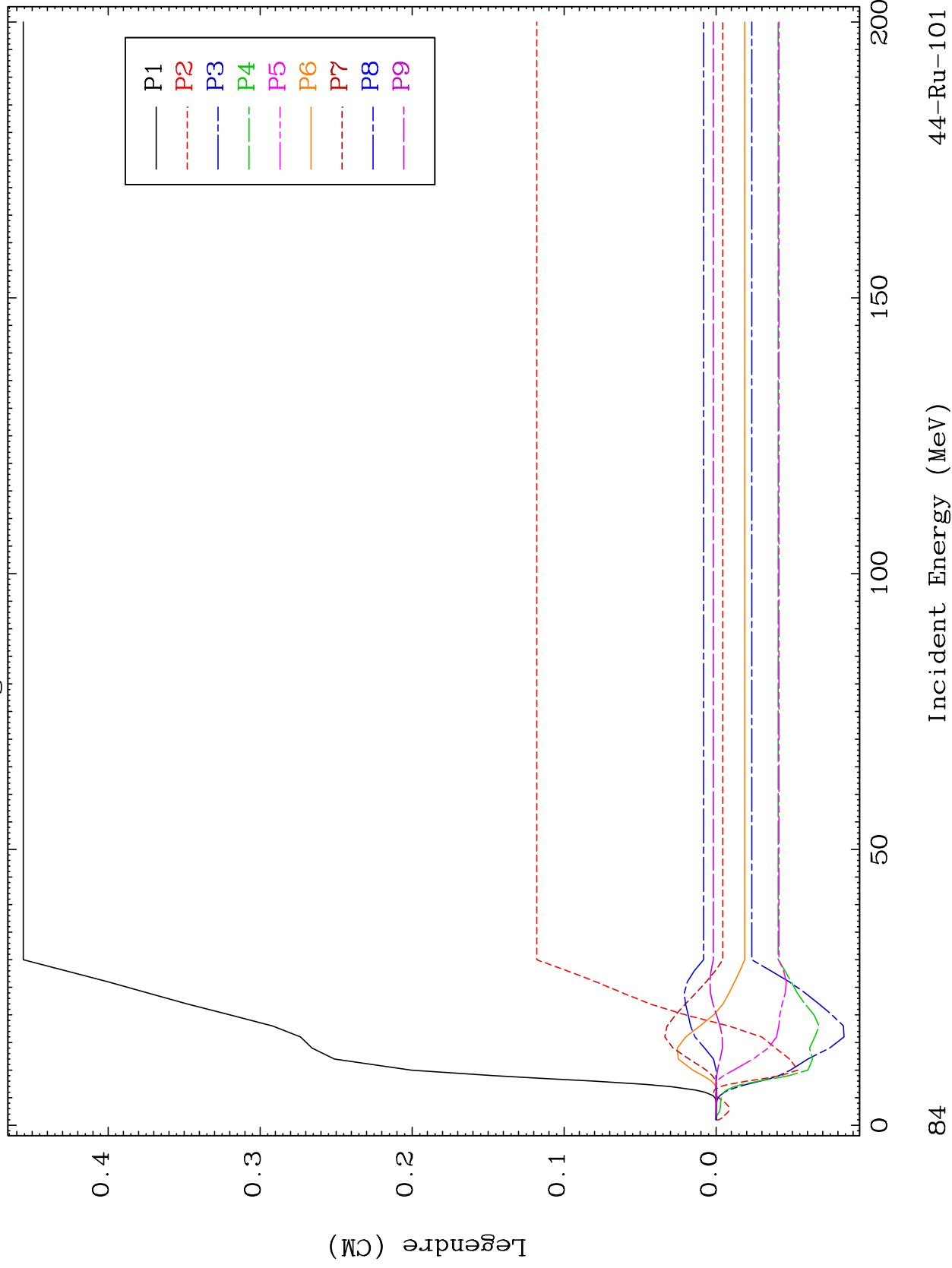
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

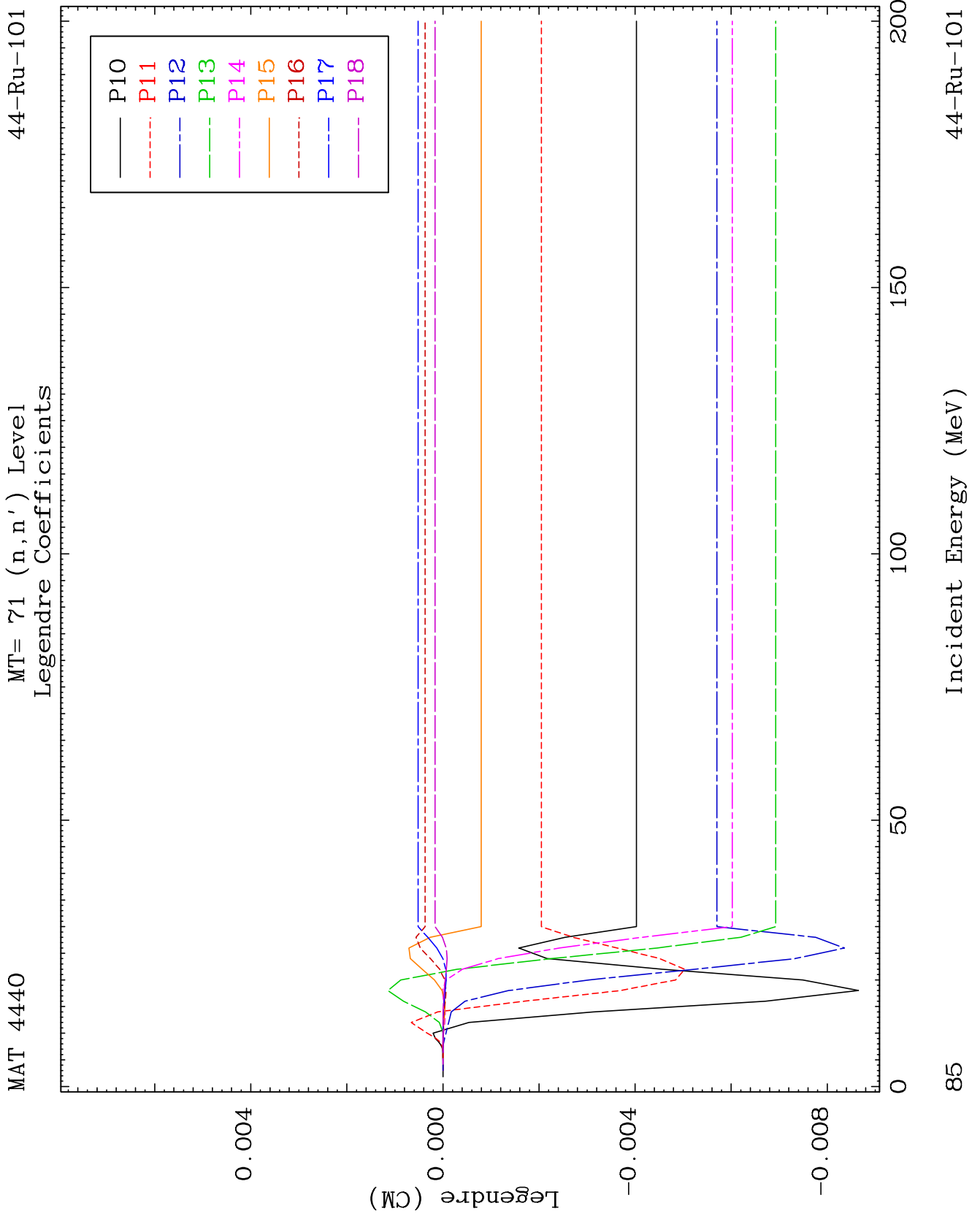
44-Ru-101



44-Ru-101

Incident Energy (MeV)

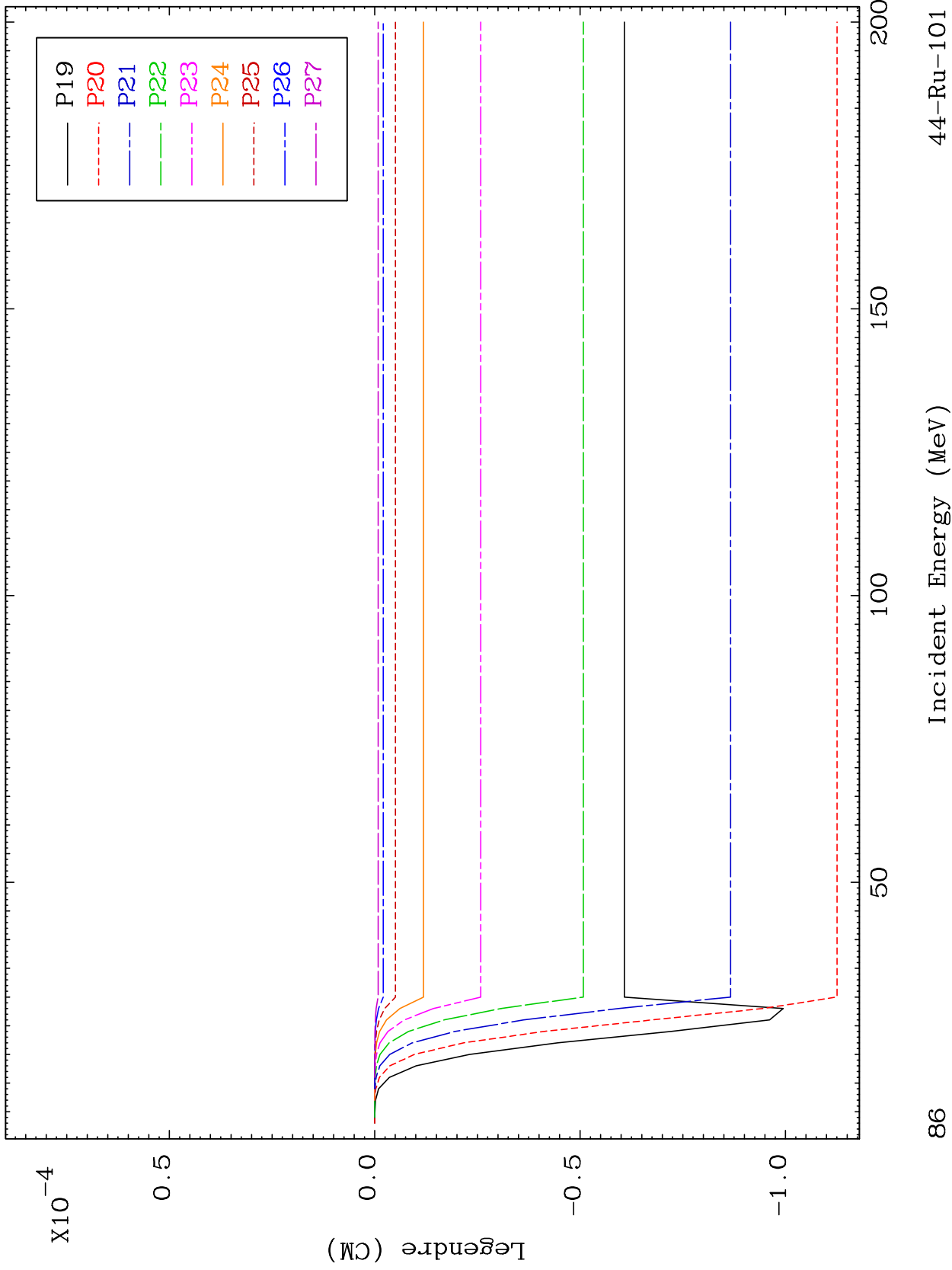
84



MAT 4440

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

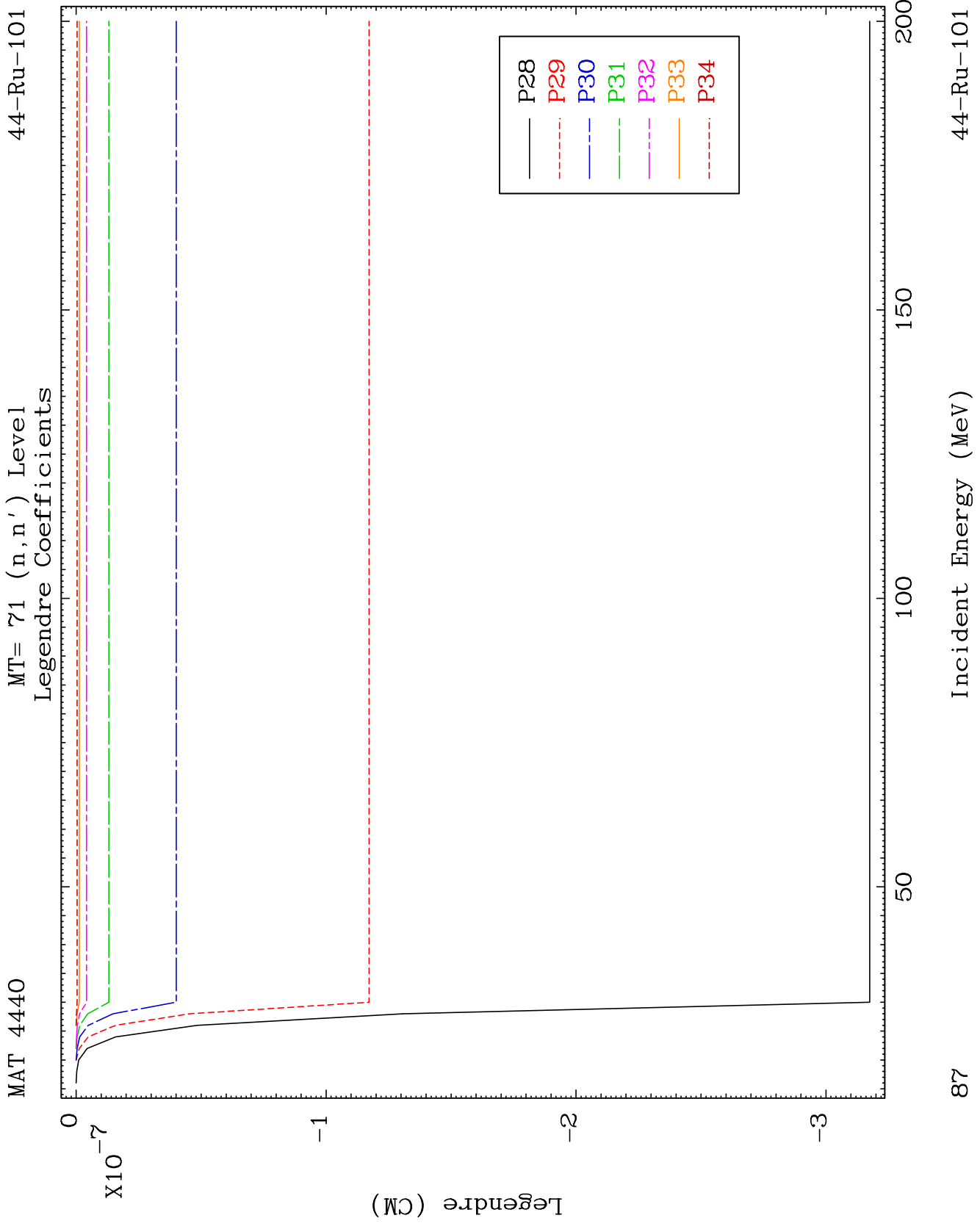
44-Ru-101



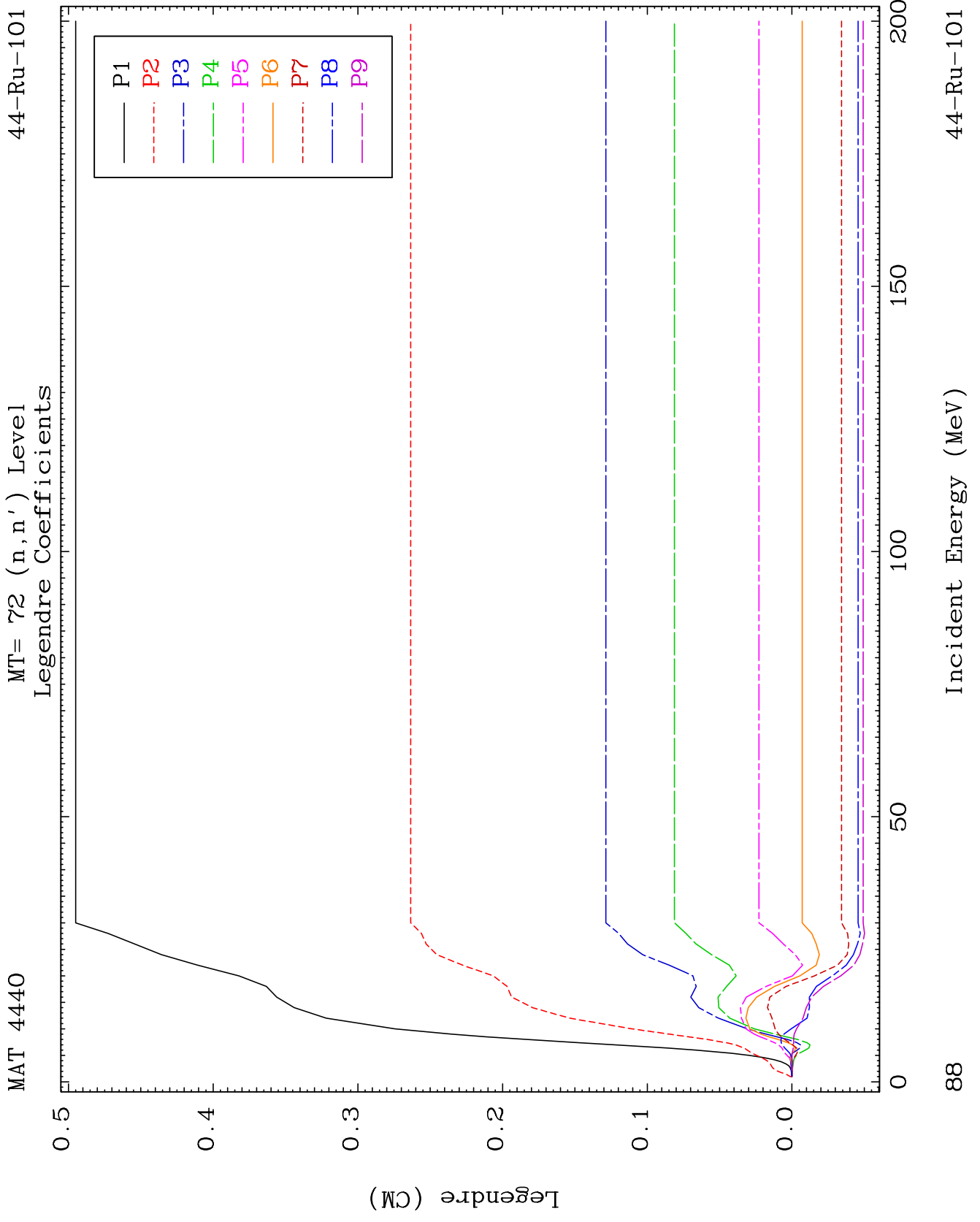
86

Incident Energy (MeV)

44-Ru-101



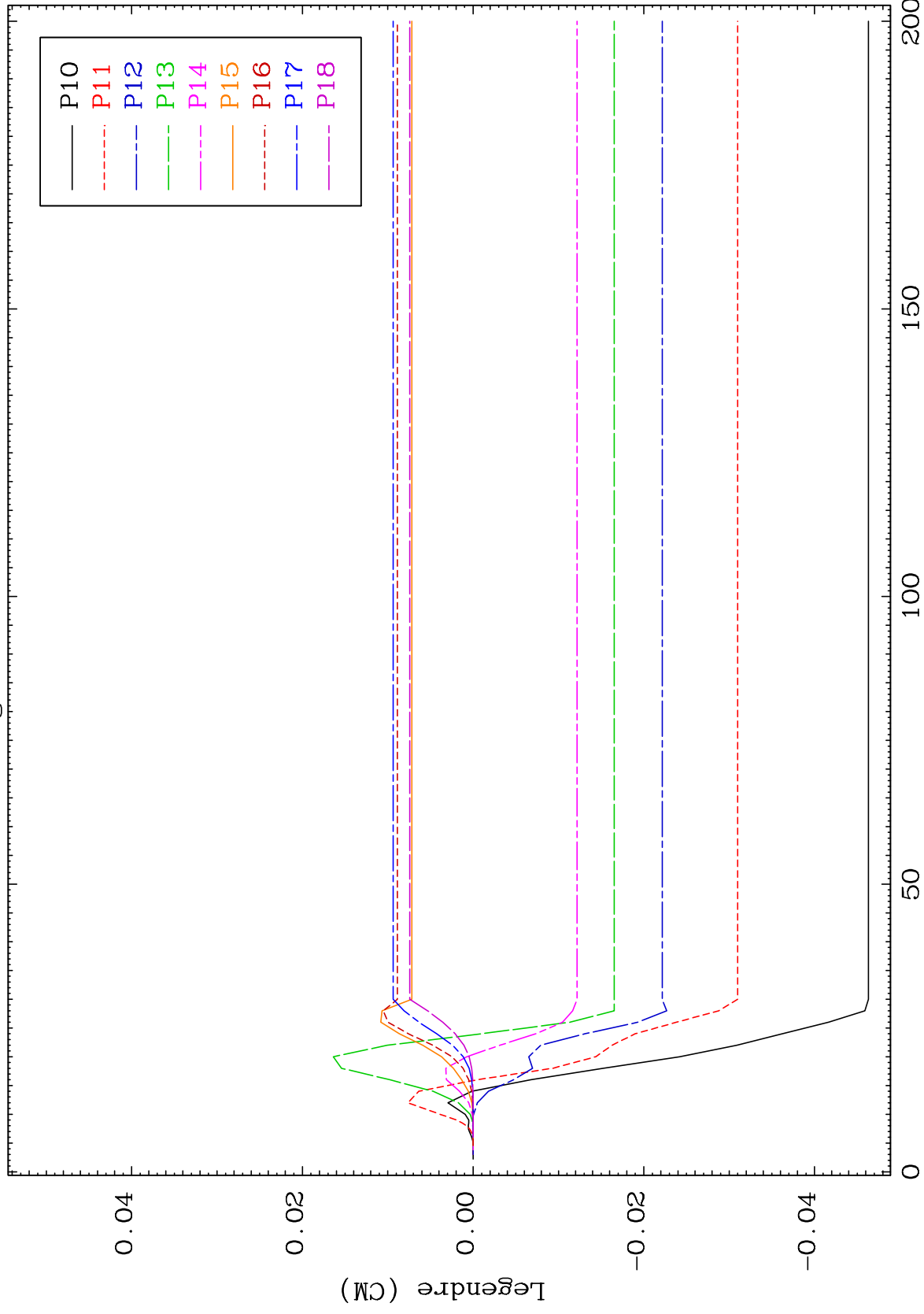




MAT 4440

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

44-Ru-101



89

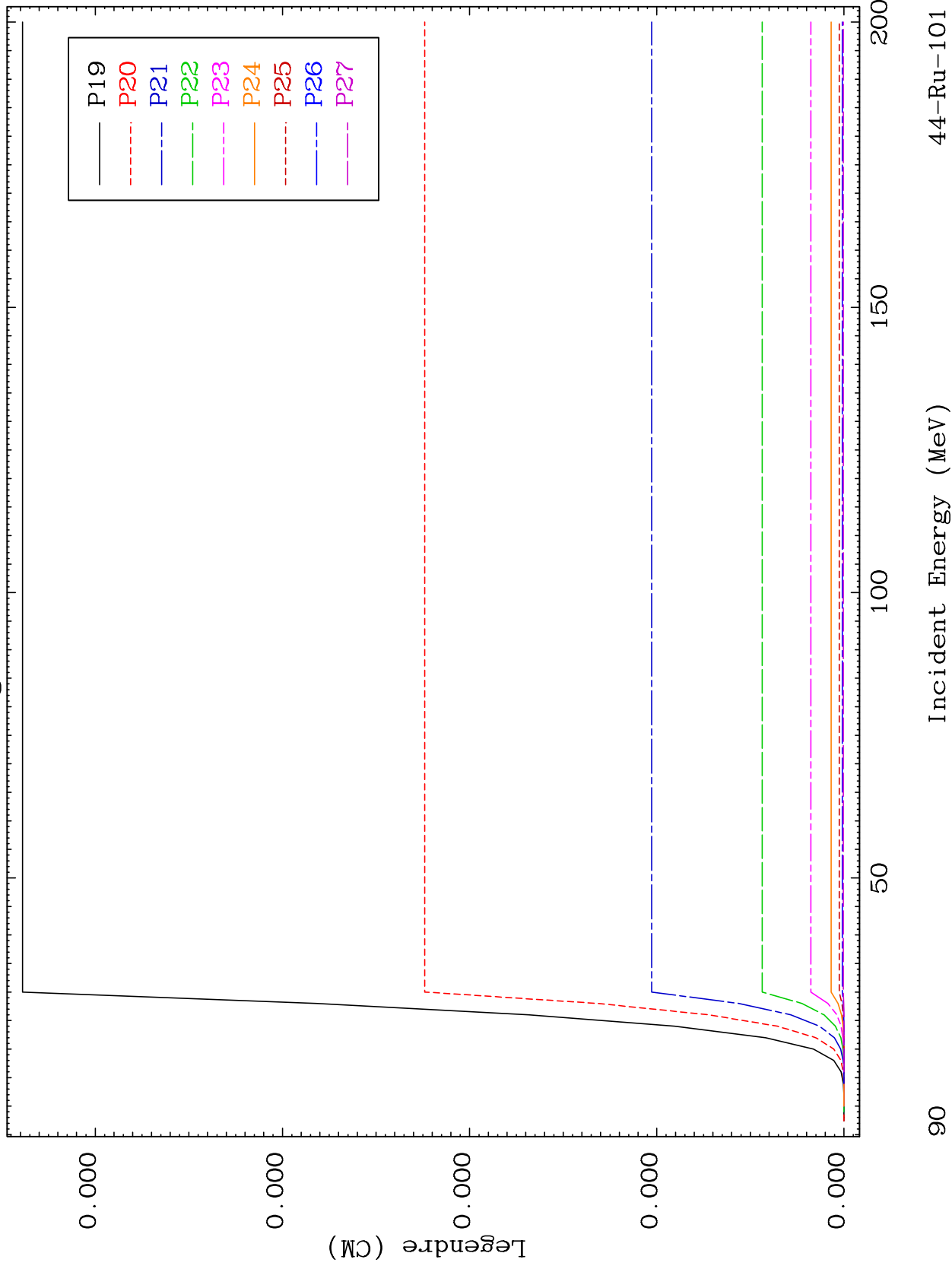
Incident Energy (MeV)

44-Ru-101

MAT 4440

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

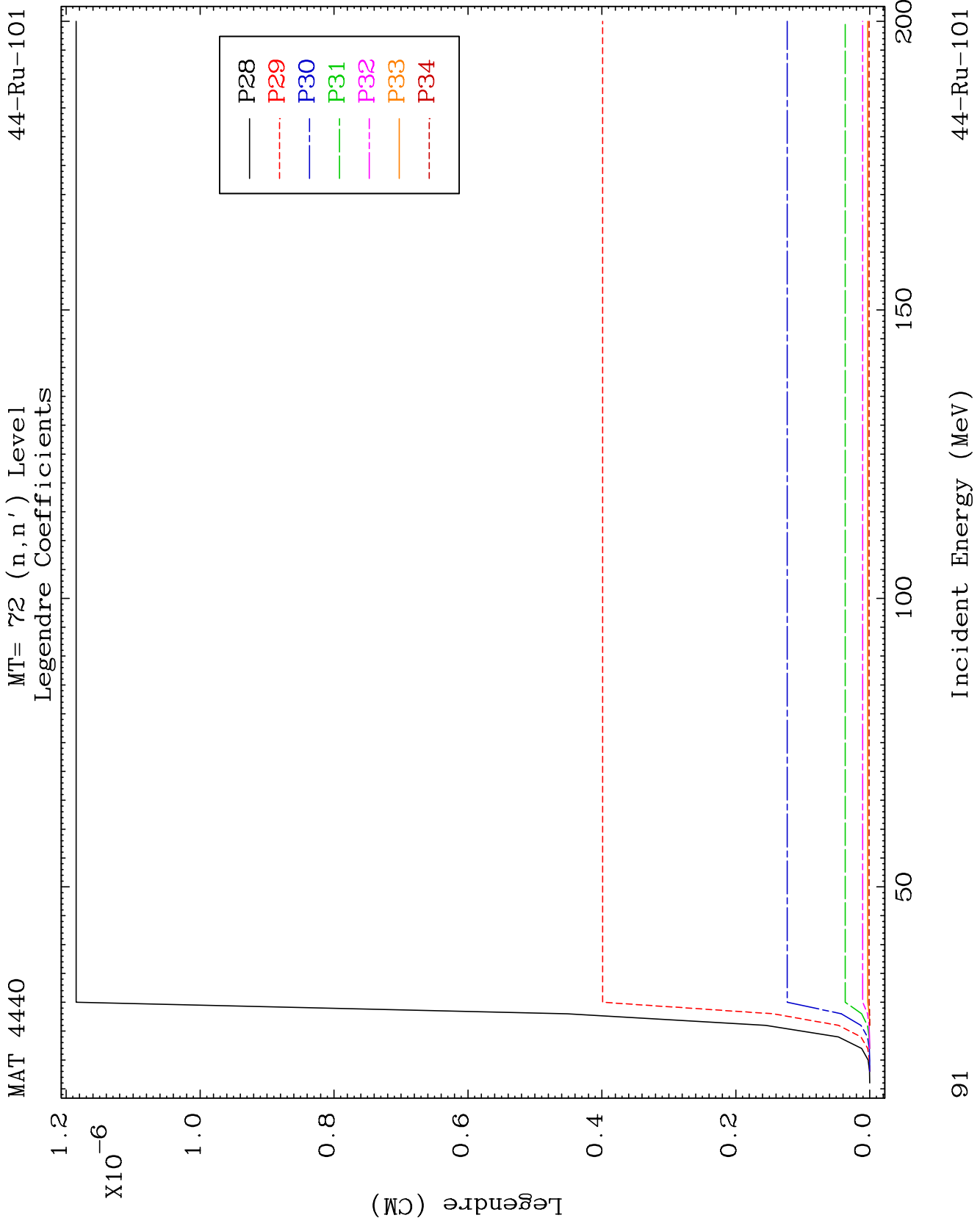
44-Ru-101



90

Incident Energy (MeV)

44-Ru-101

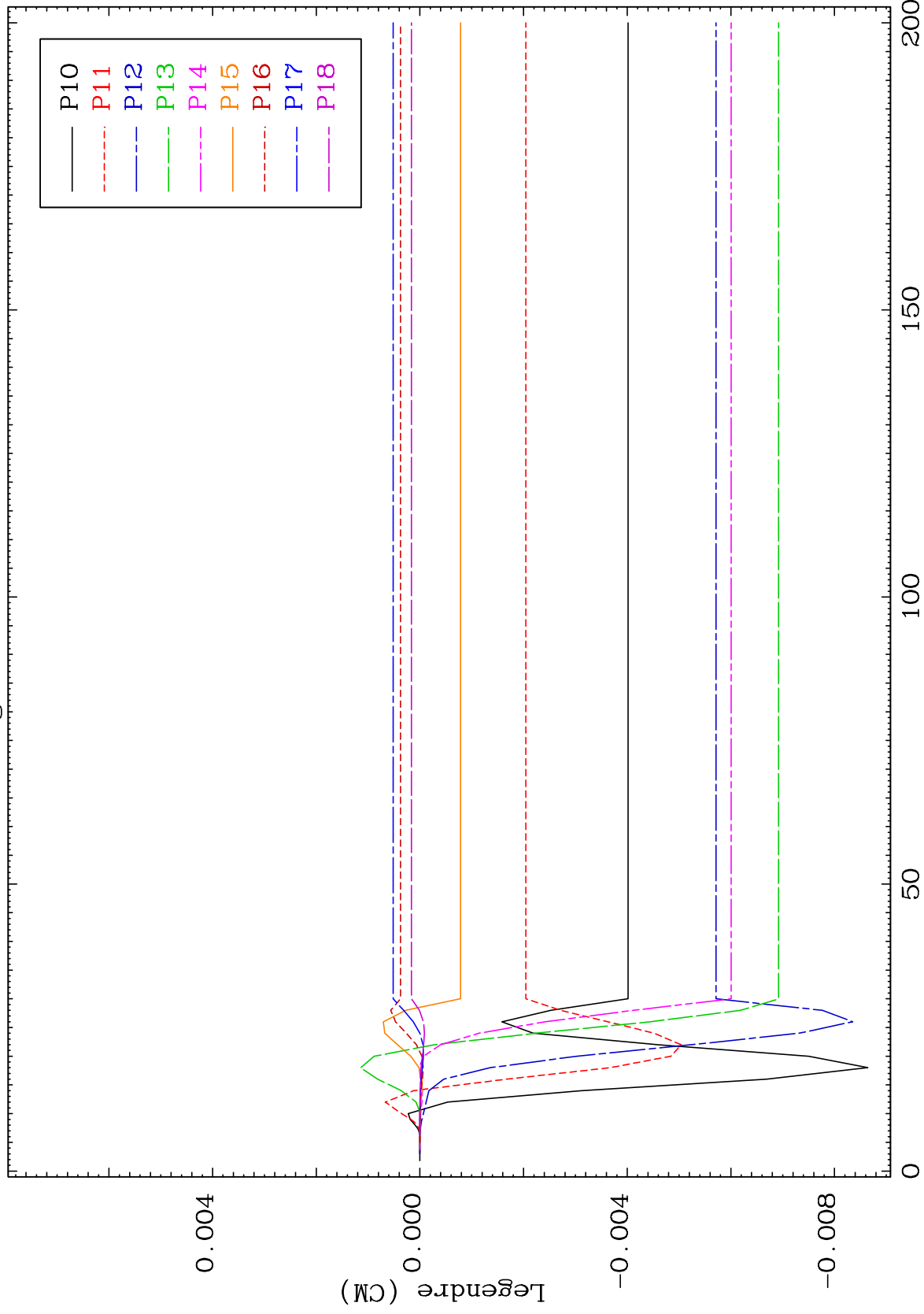




MAT 4440

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

44-Ru-101

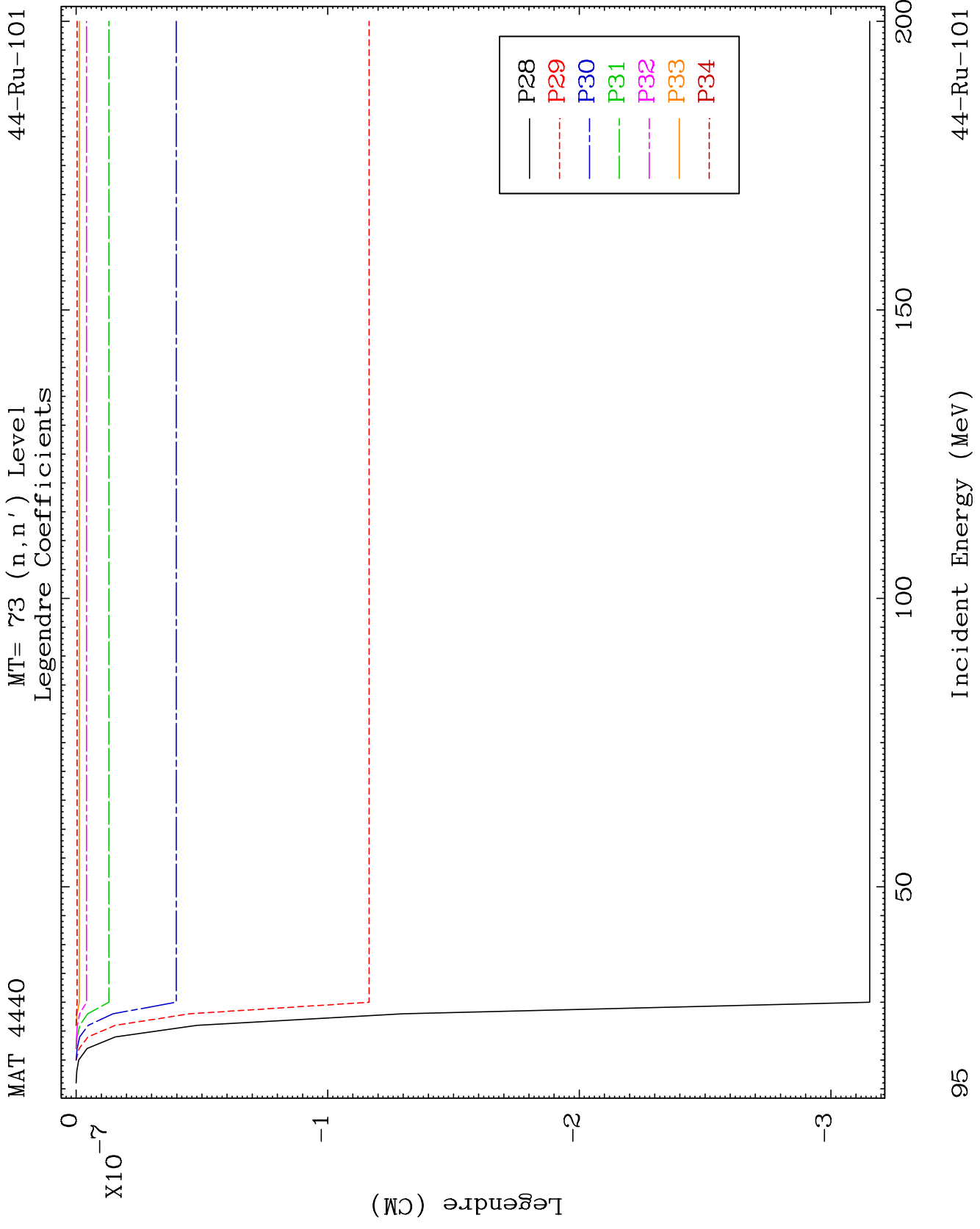


93

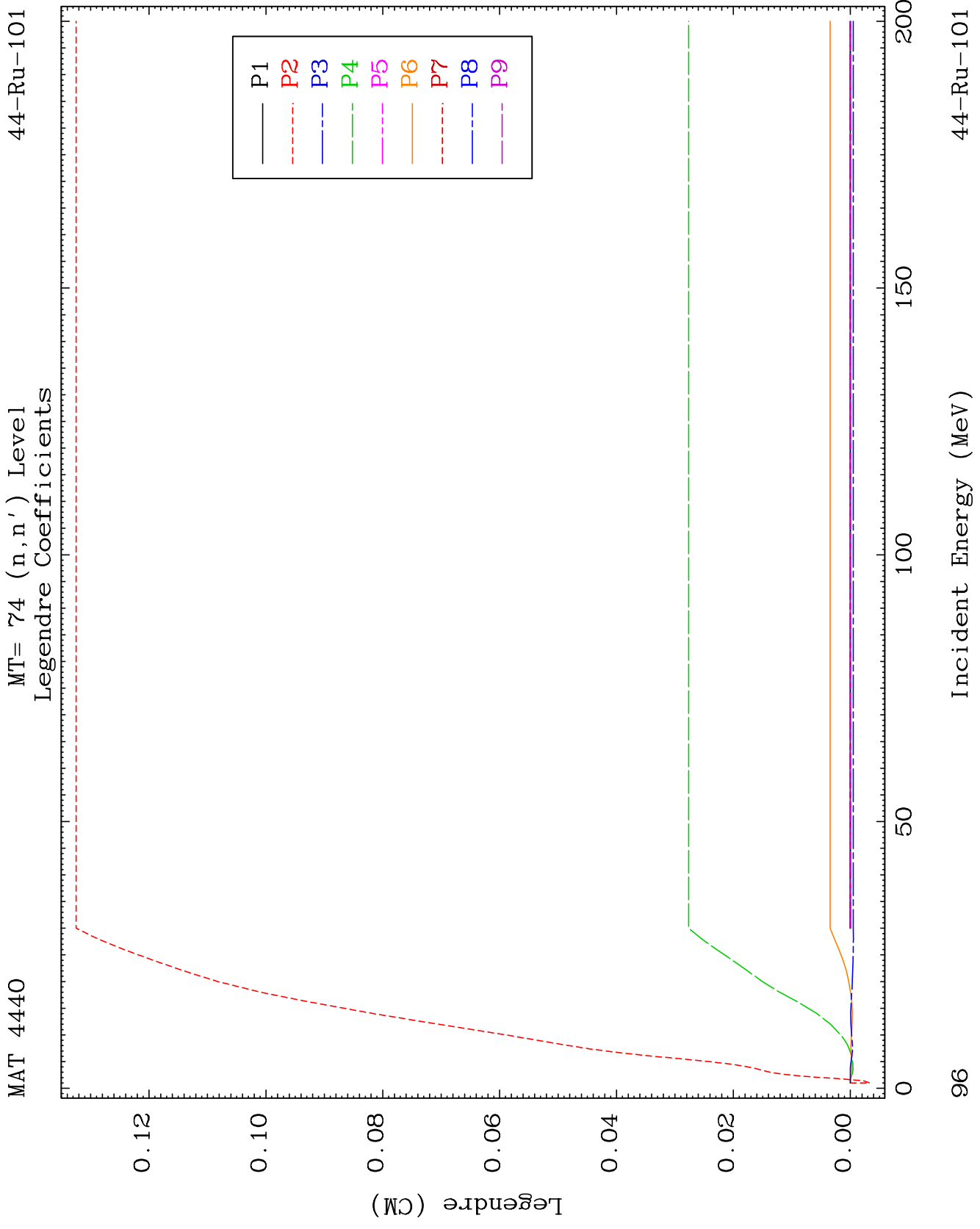
Incident Energy (MeV)

44-Ru-101





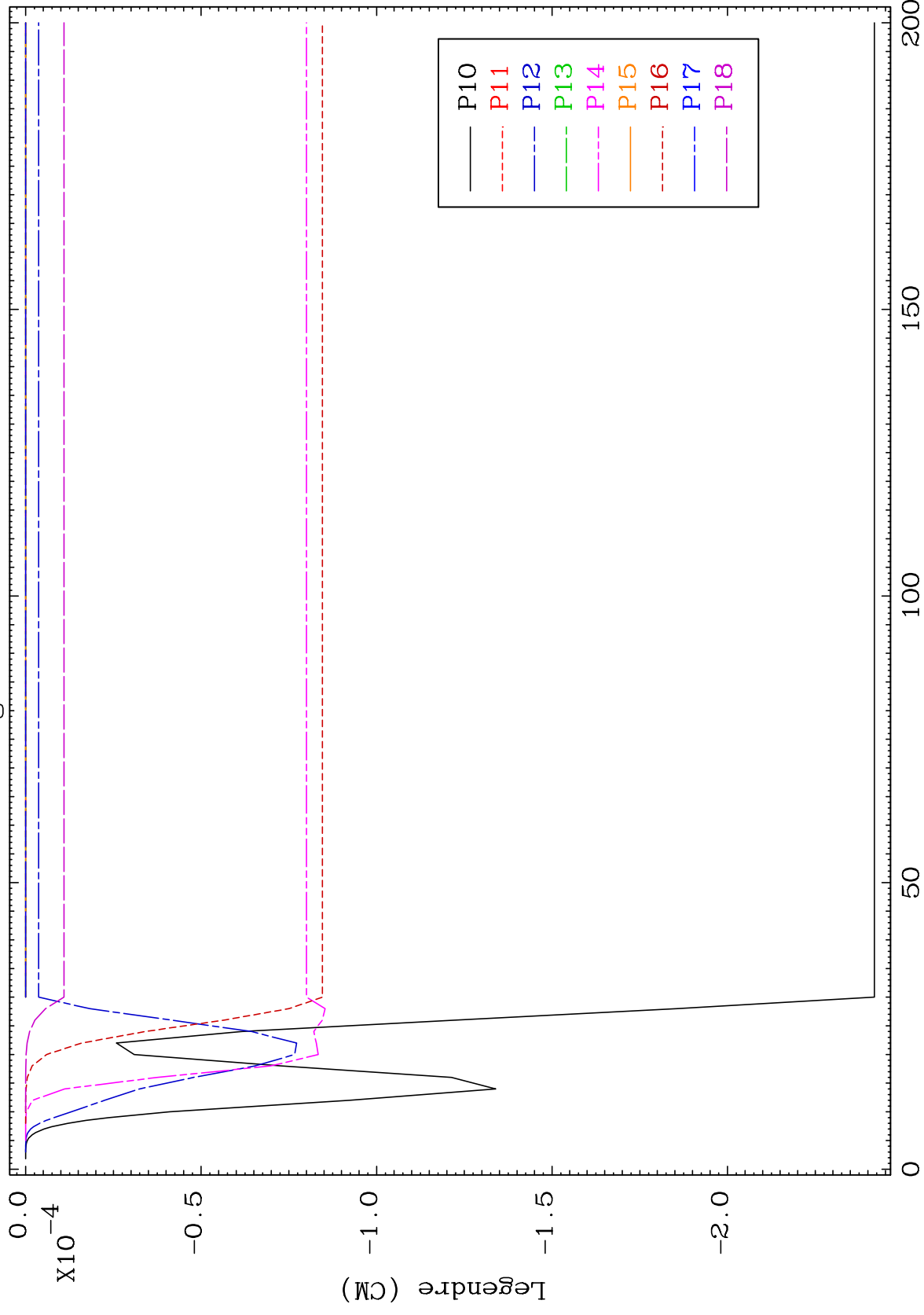


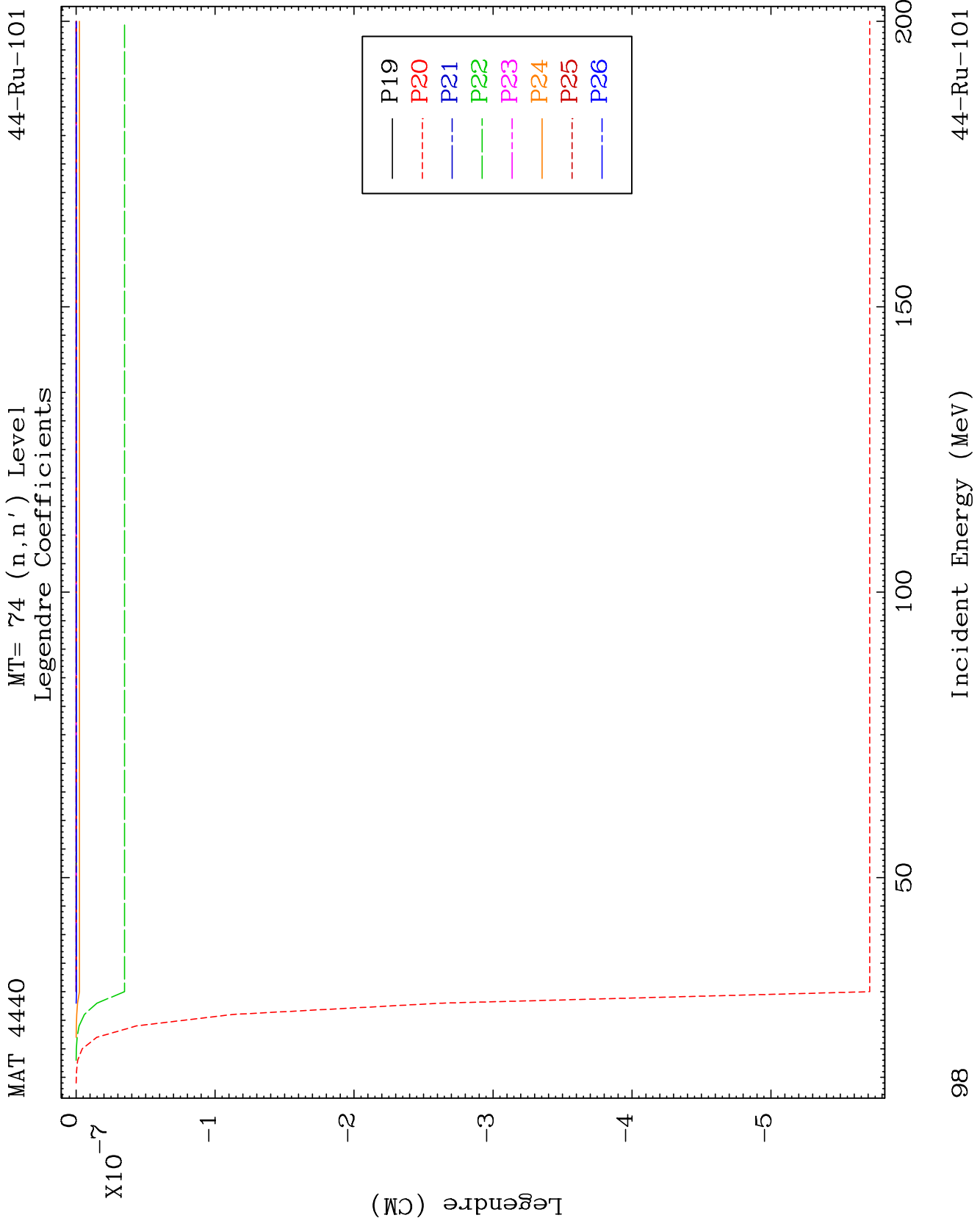


MAT 4440

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

44-Ru-101

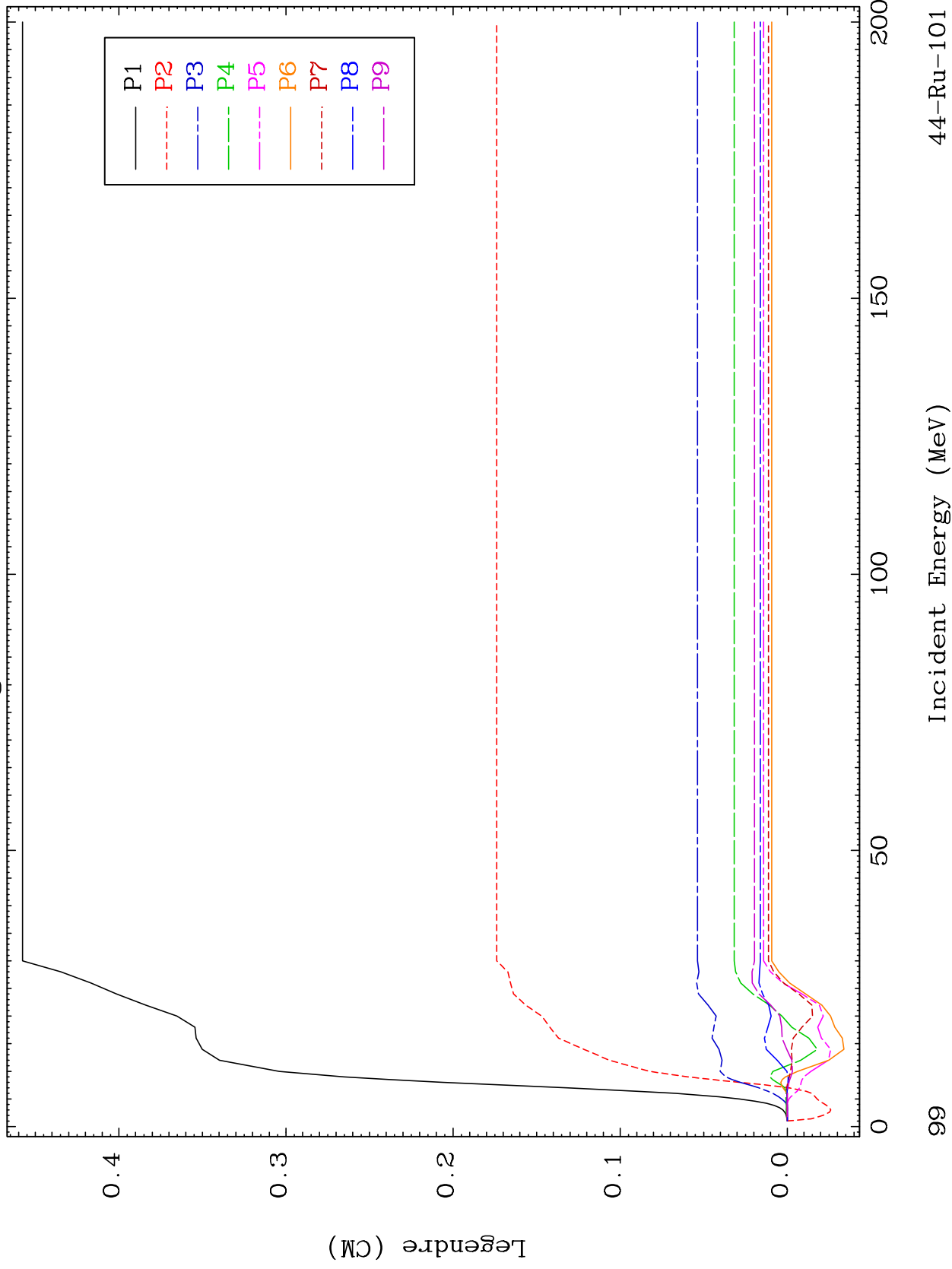




MAT 4440

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

44-Ru-101



44-Ru-101

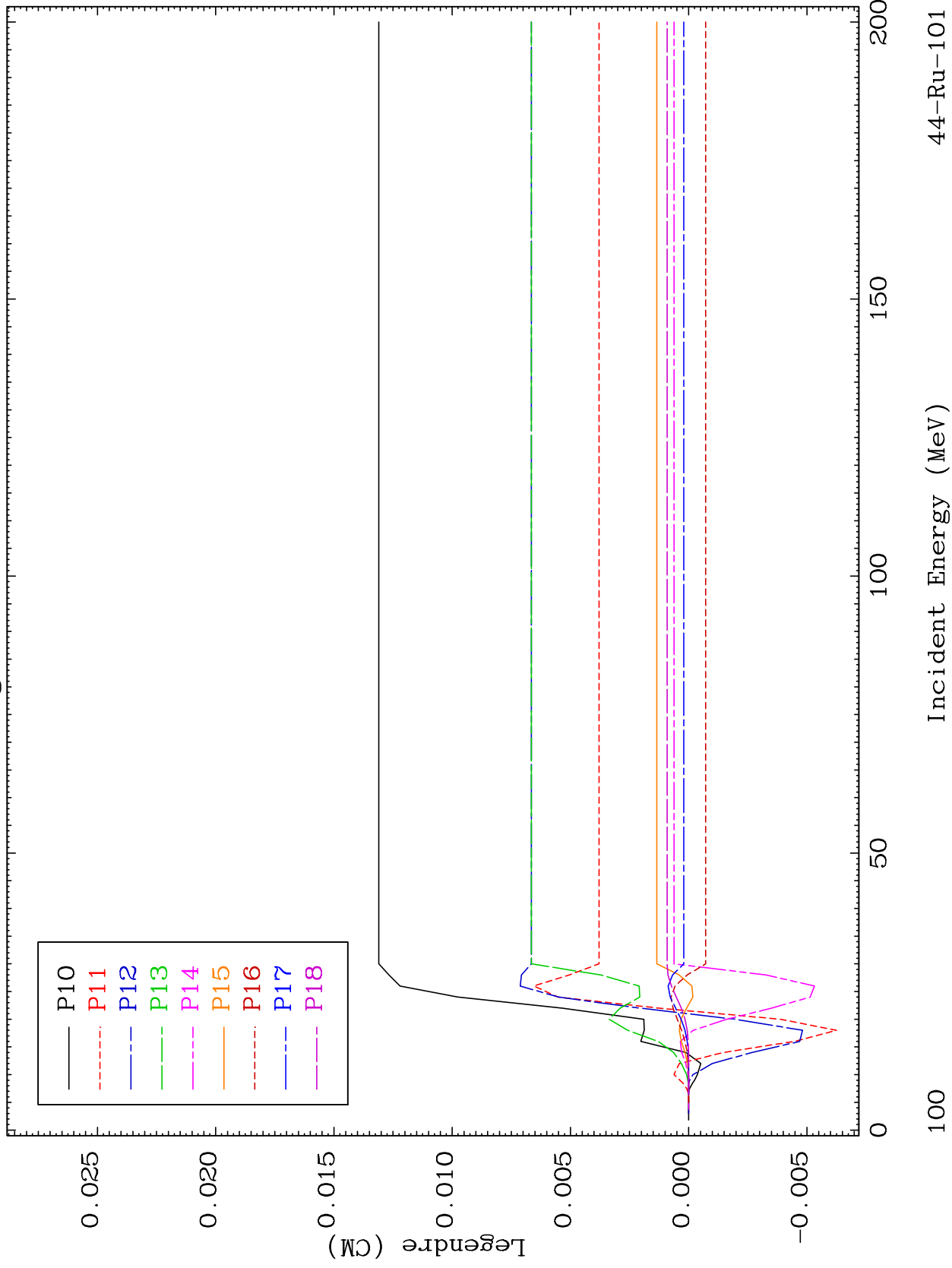
Incident Energy (MeV)

99

MAT 4440

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

44-Ru-101

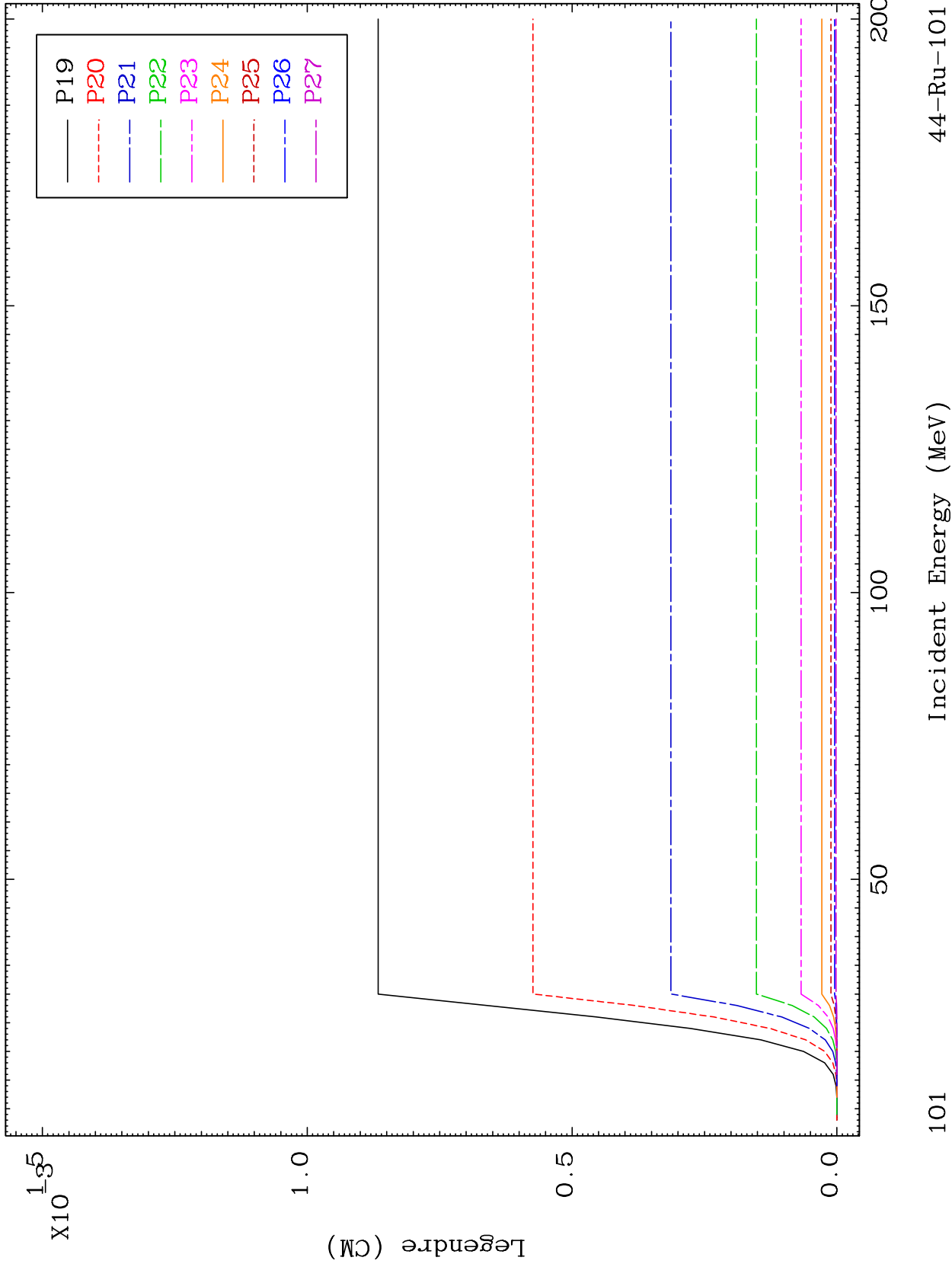


44-Ru-101

MAT 4440

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

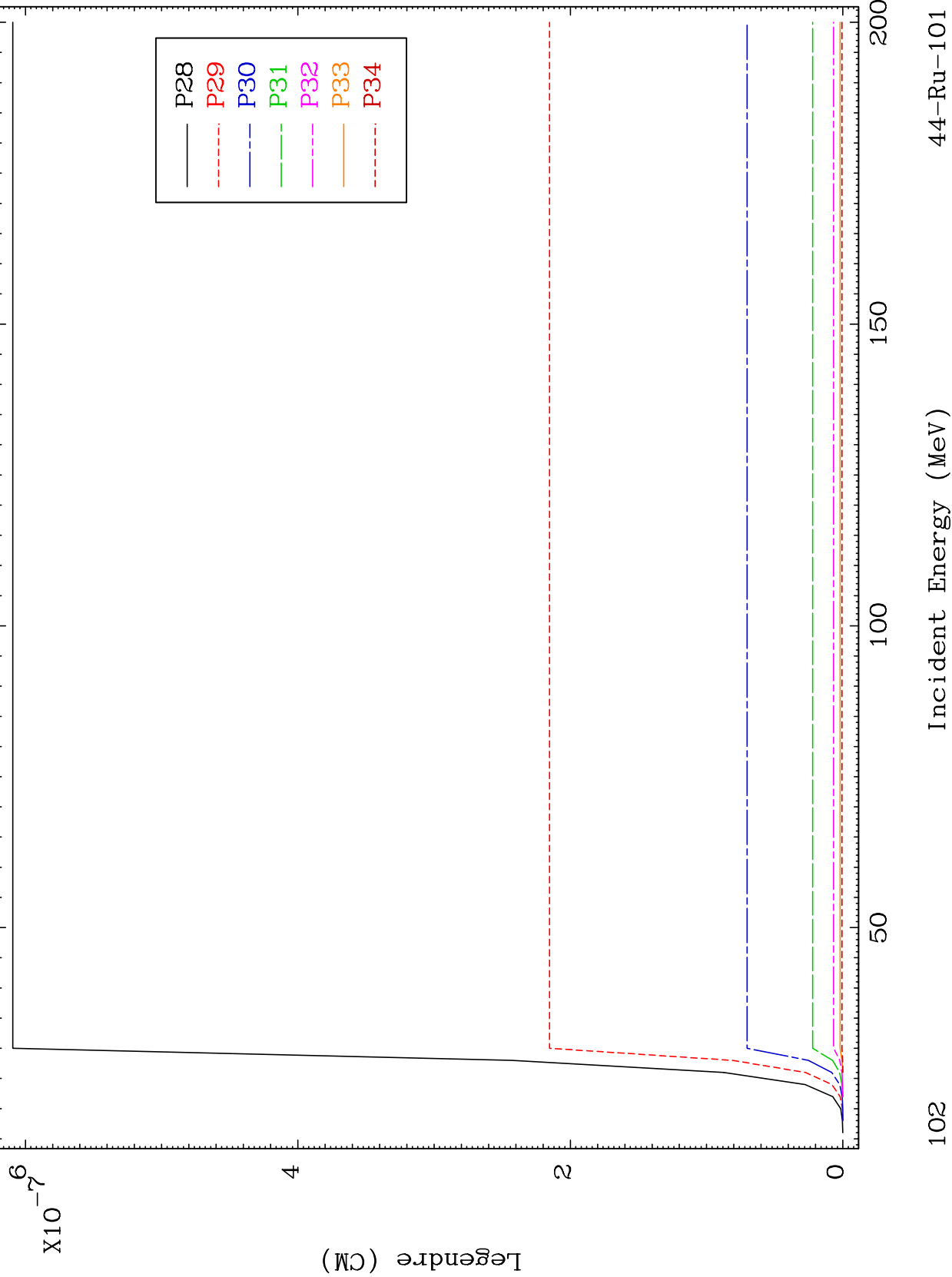
44-Ru-101



MAT 4440

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

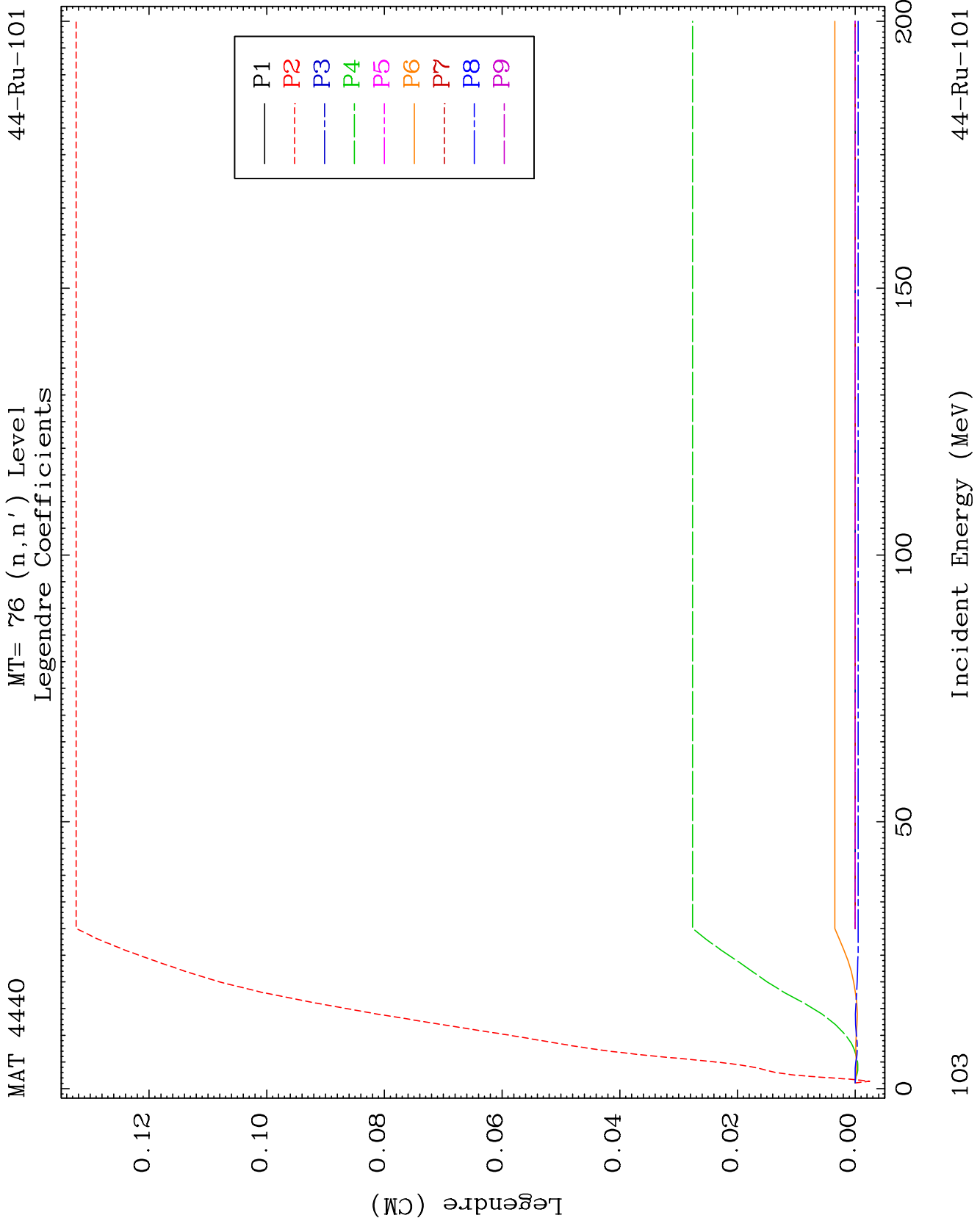
44-Ru-101



102

Incident Energy (MeV)

44-Ru-101

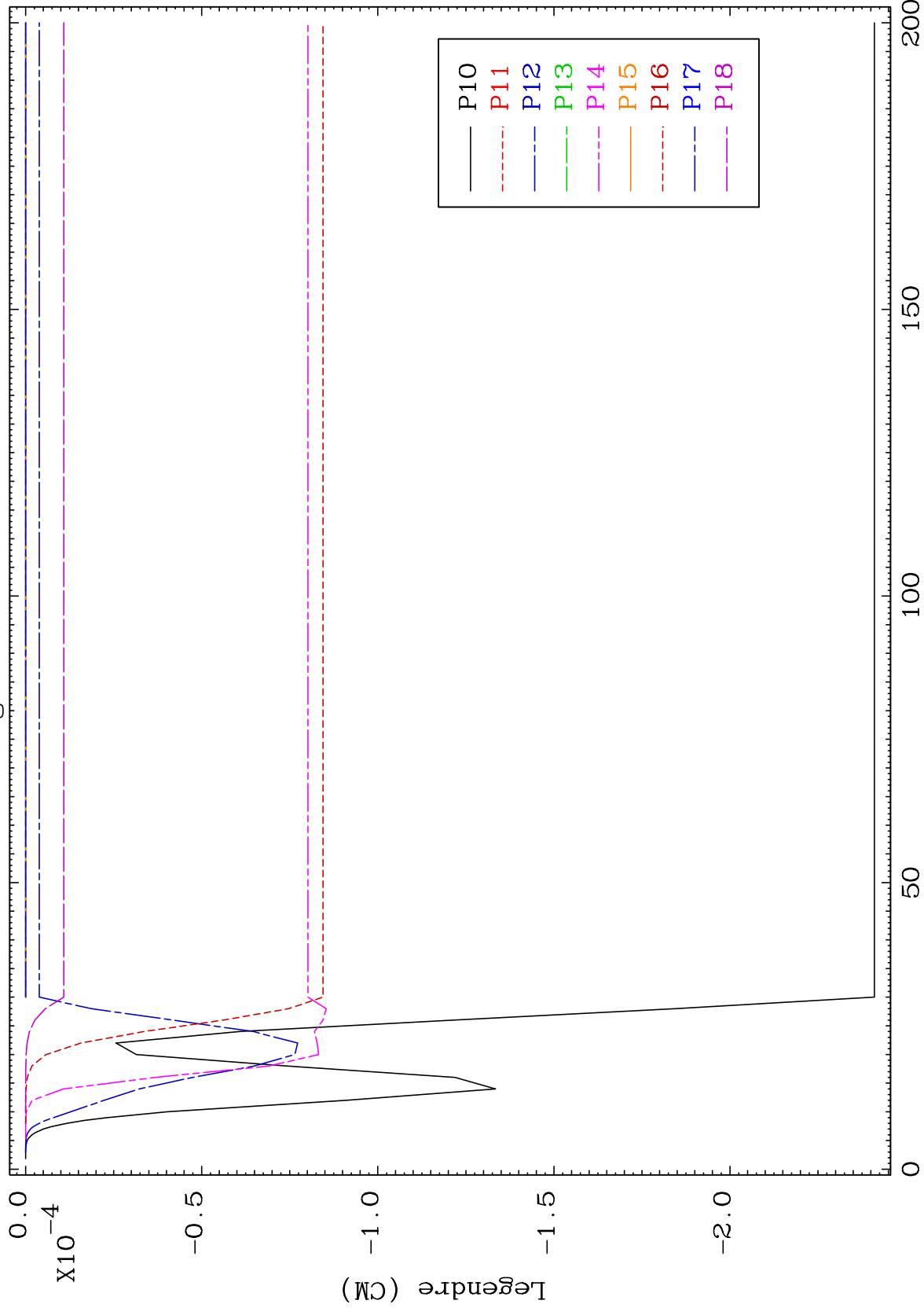




MAT 4440

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

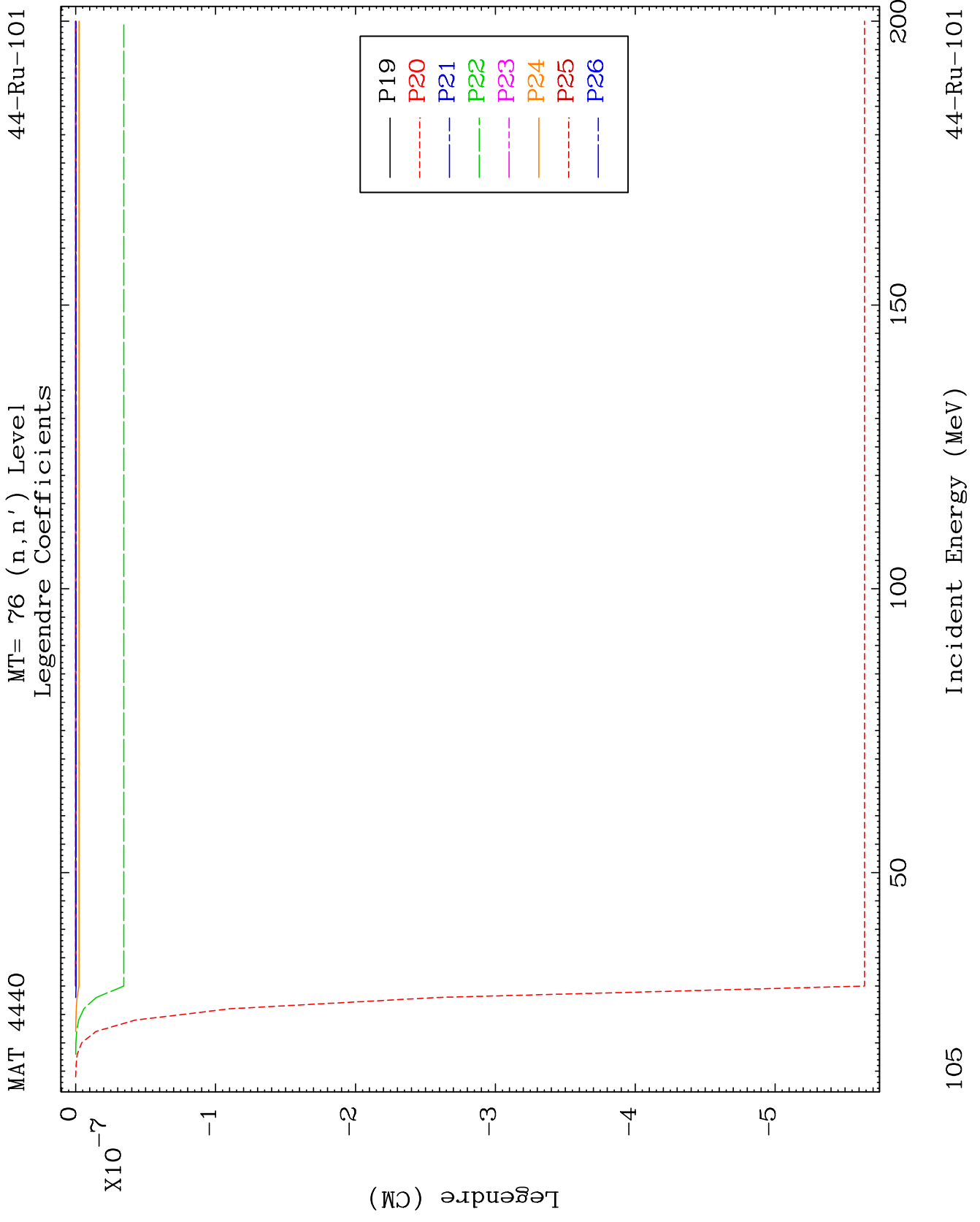
44-Ru-101



104

Incident Energy (MeV)

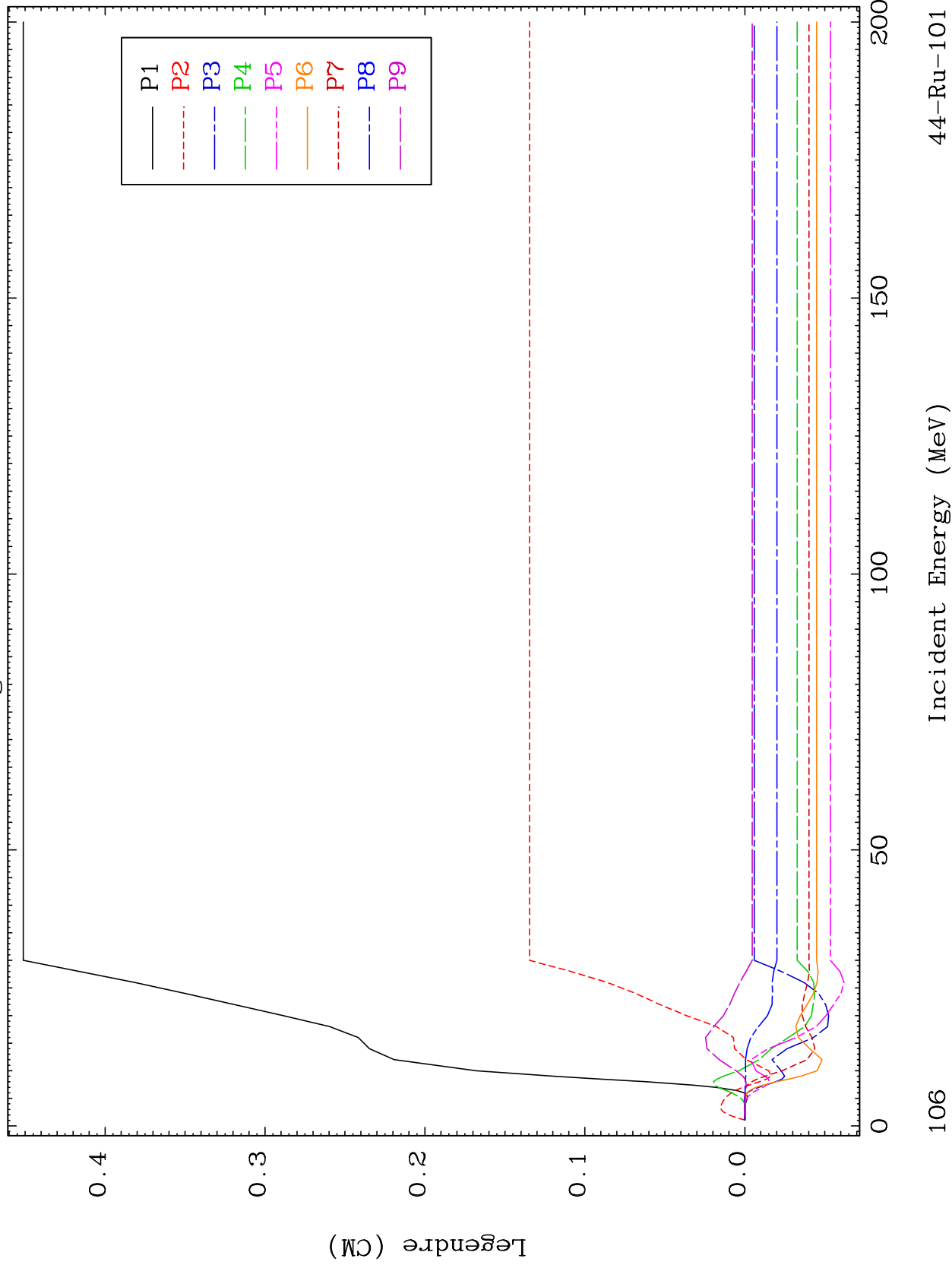
44-Ru-101



MAT 4440

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

44-Ru-101



44-Ru-101

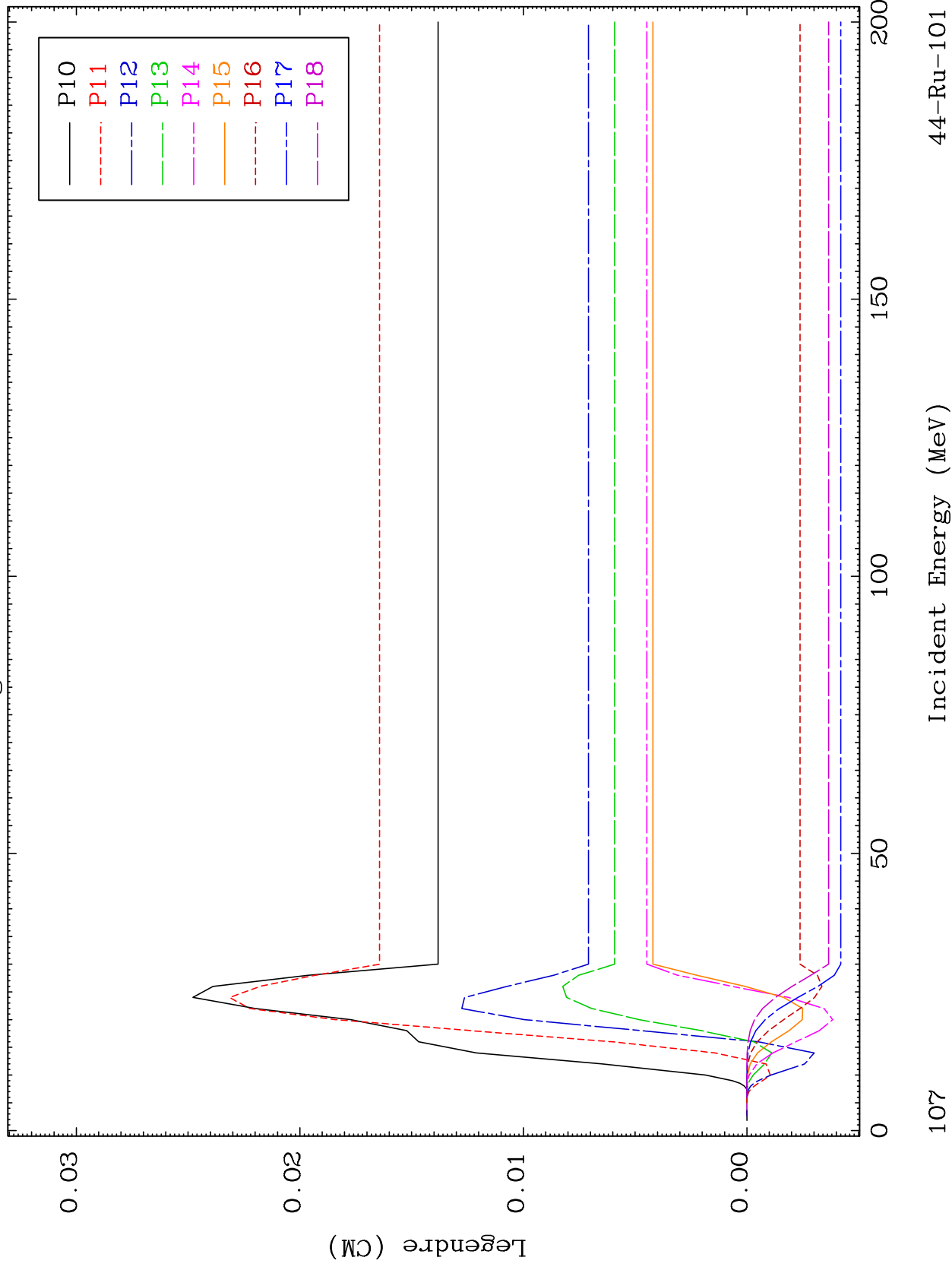
Incident Energy (MeV)

106

MAT 4440

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

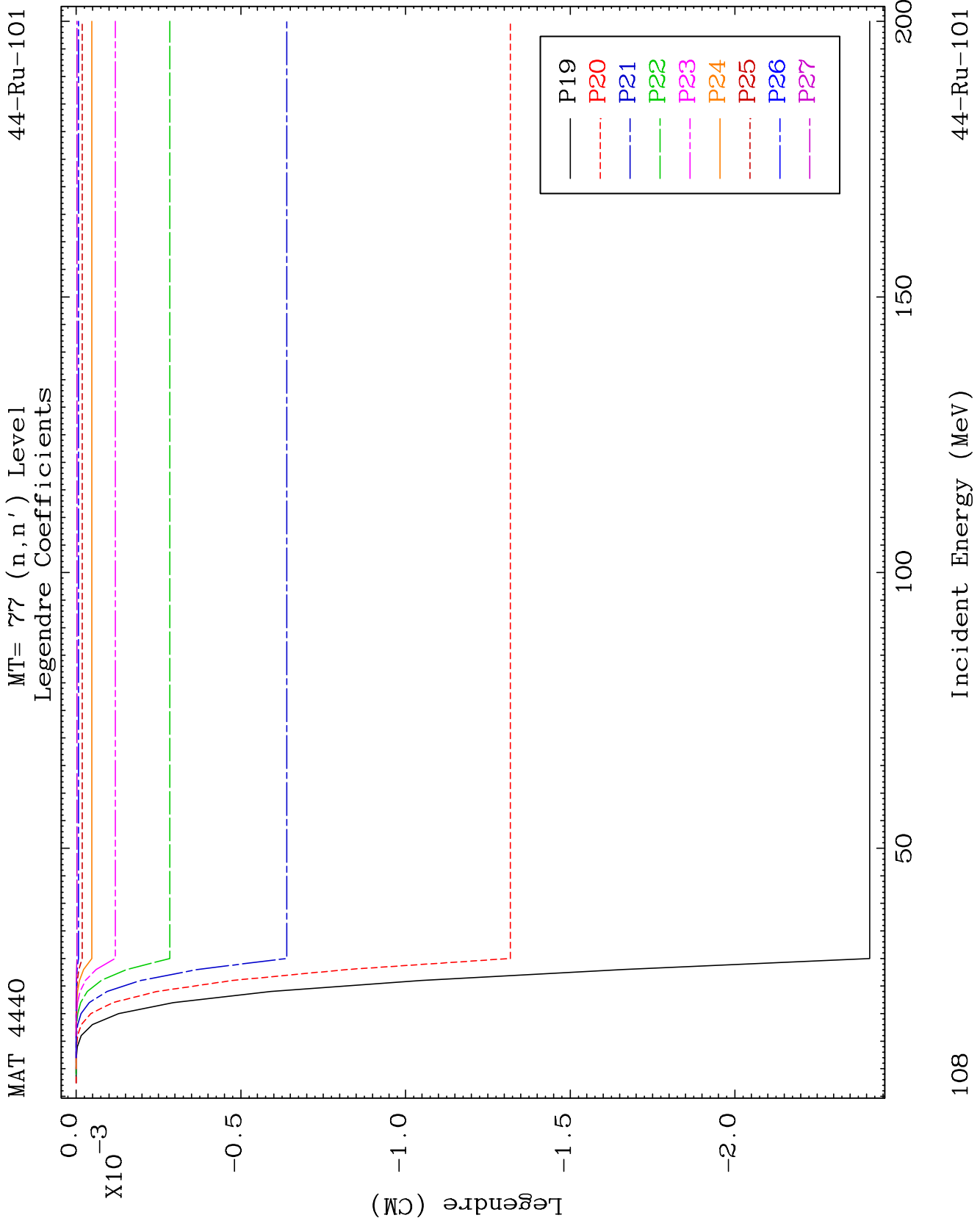
44-Ru-101

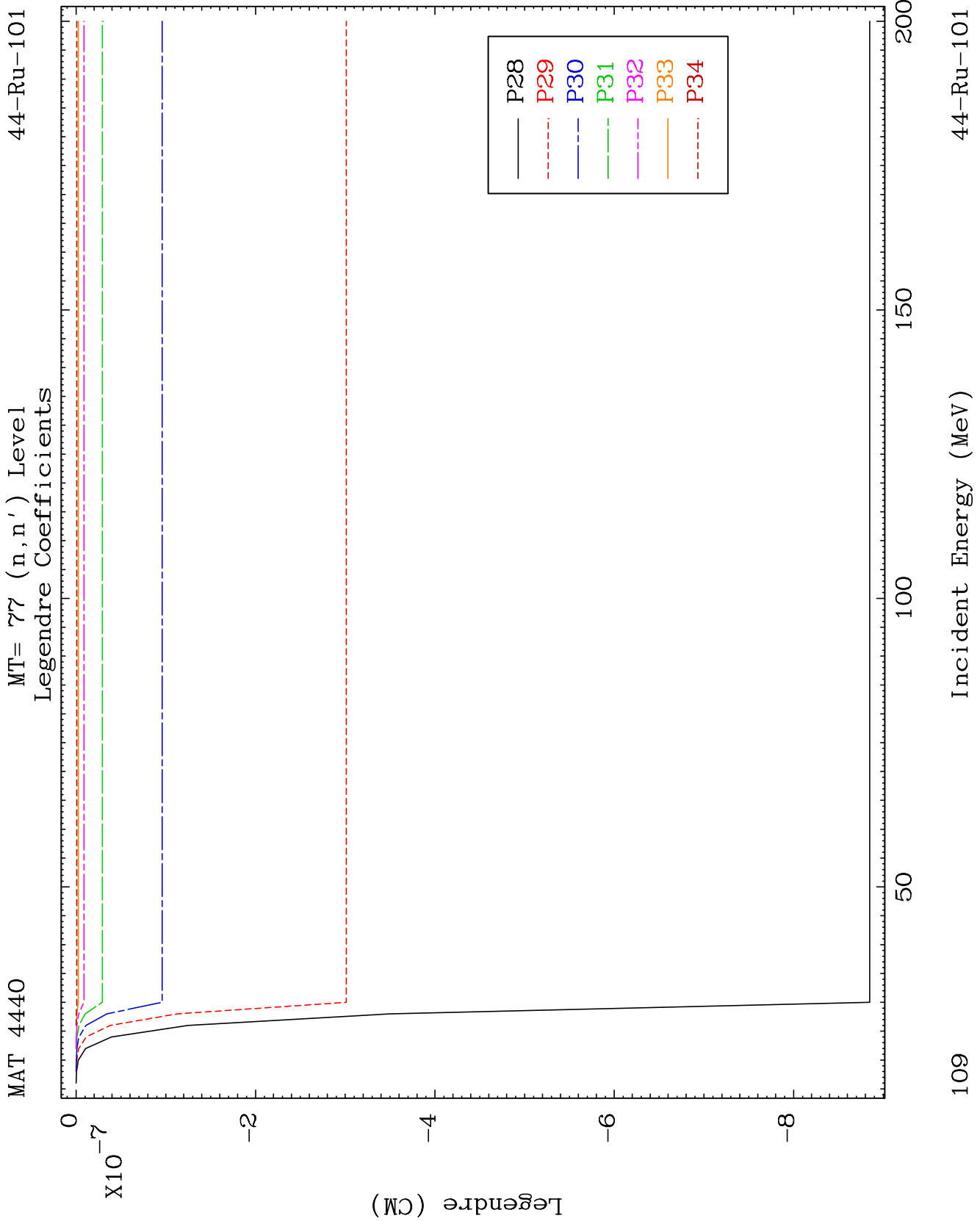


44-Ru-101

Incident Energy (MeV)

107



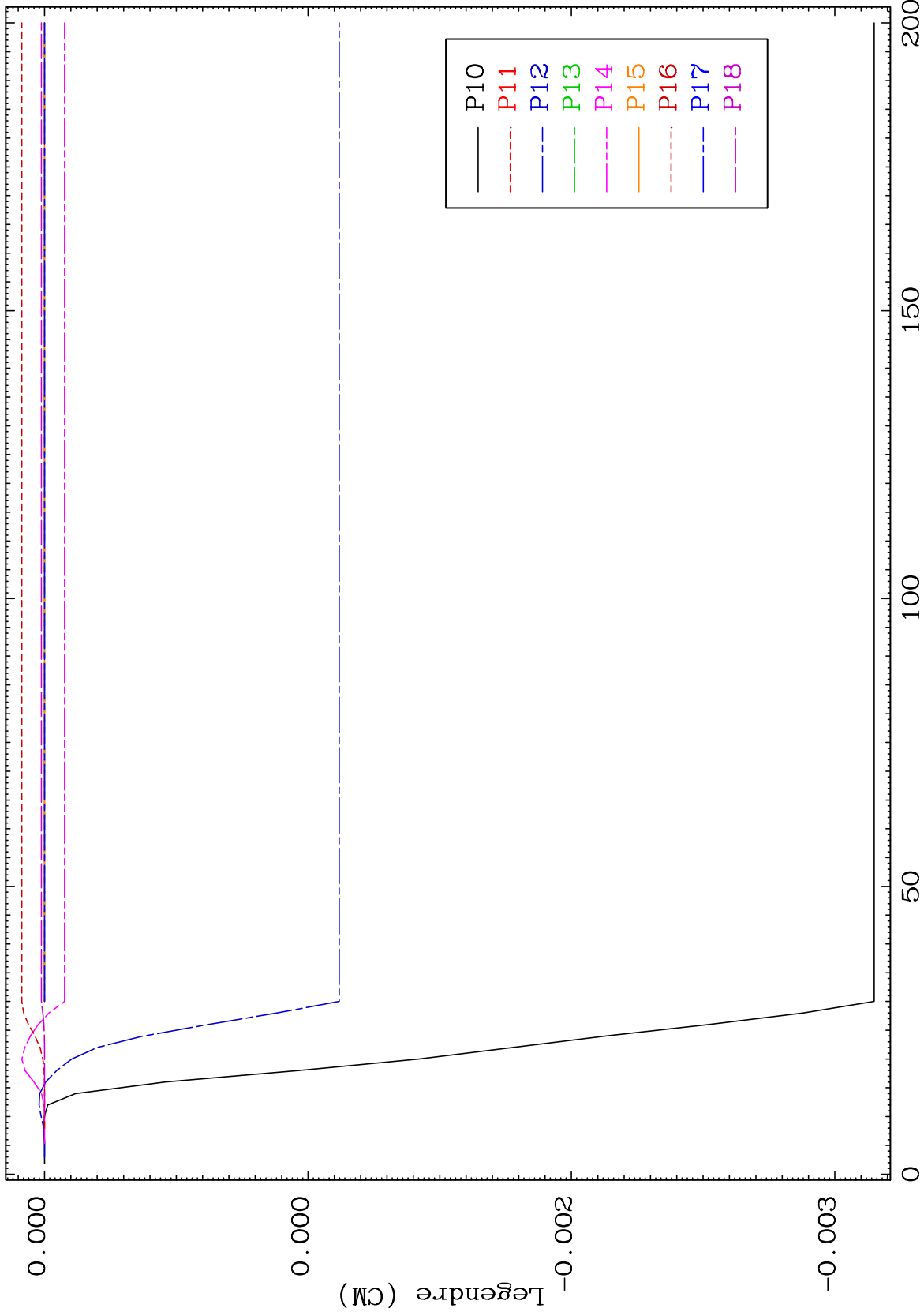




MAT 4440

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

44-Ru-101

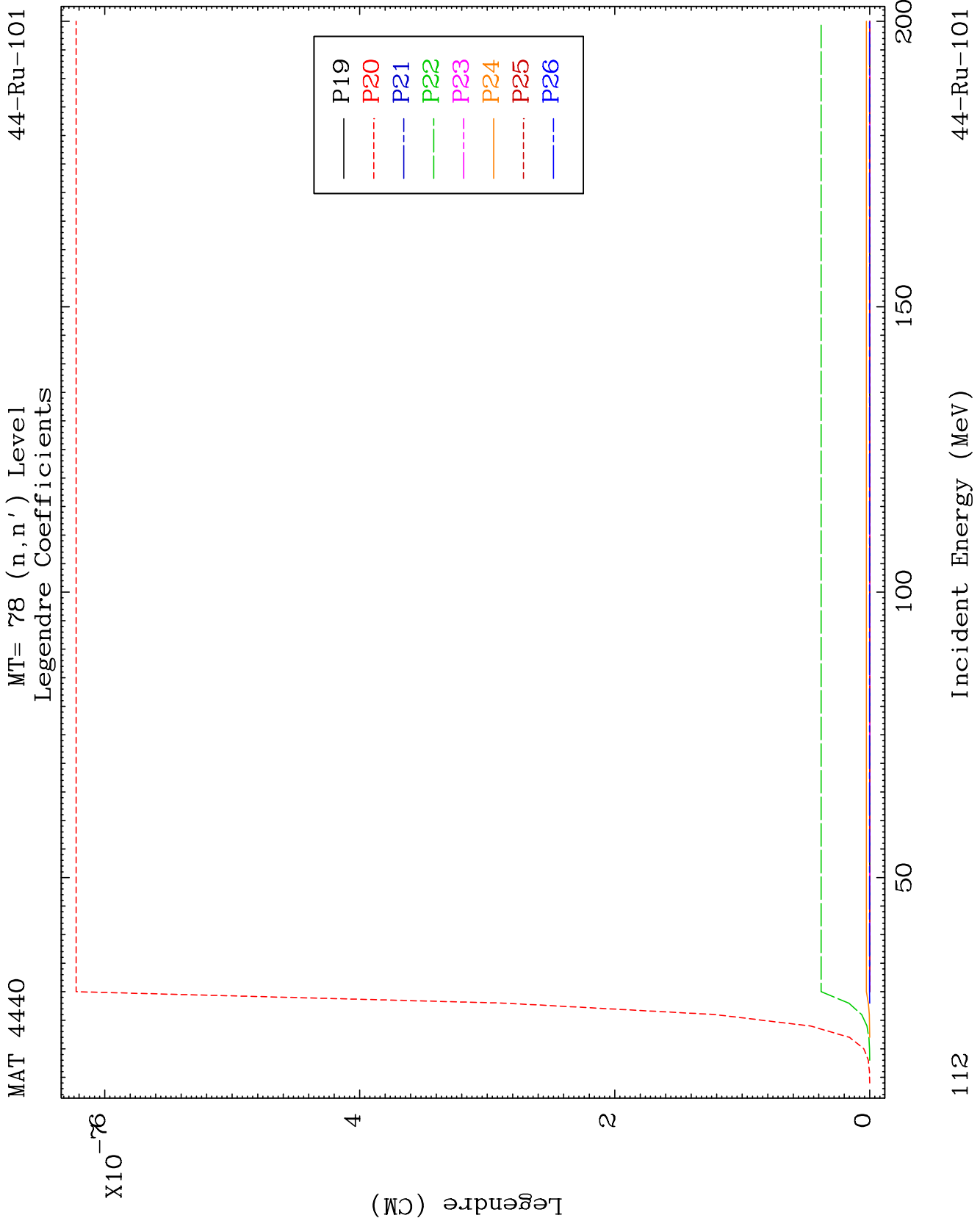


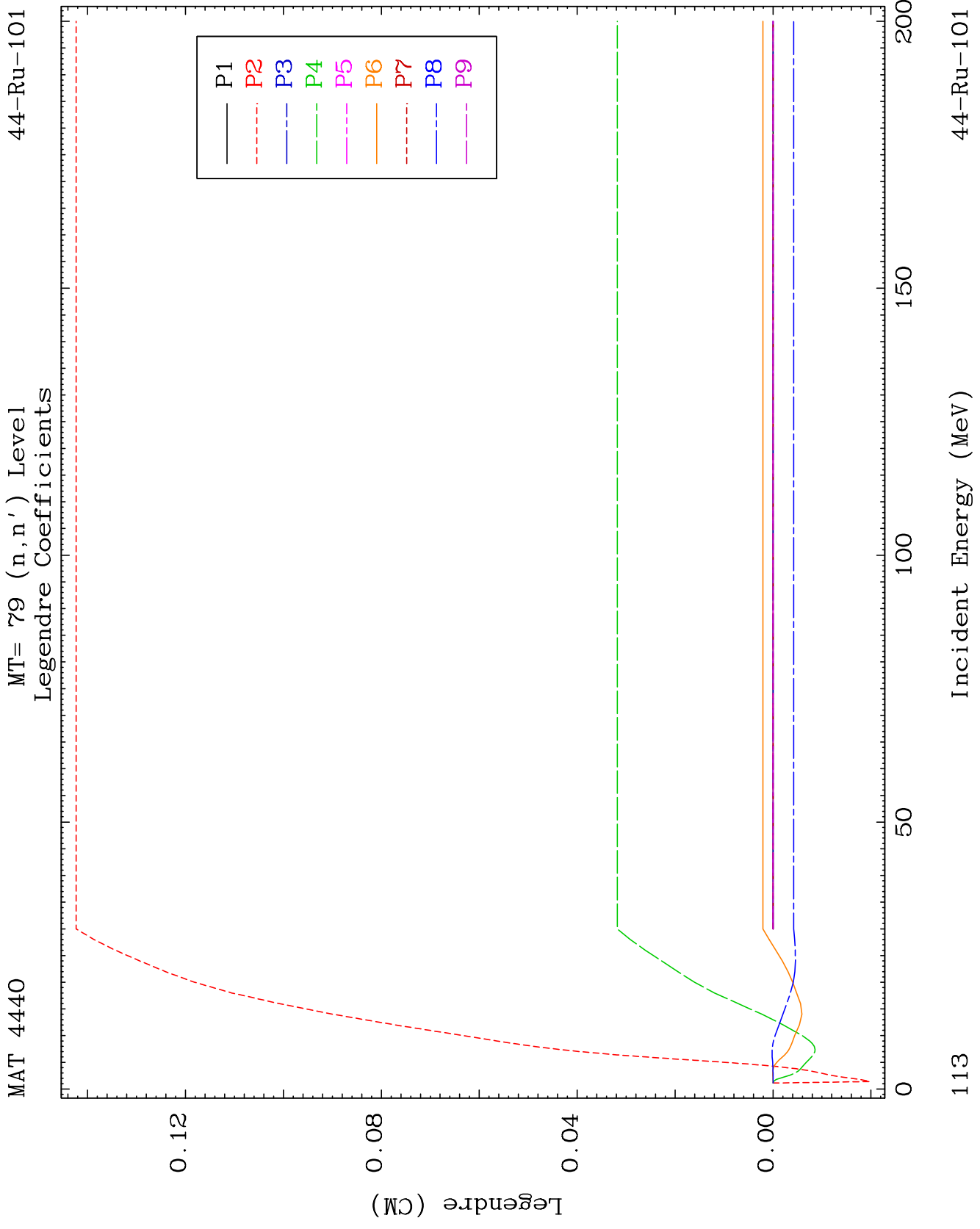
111

Incident Energy (MeV)

44-Ru-101





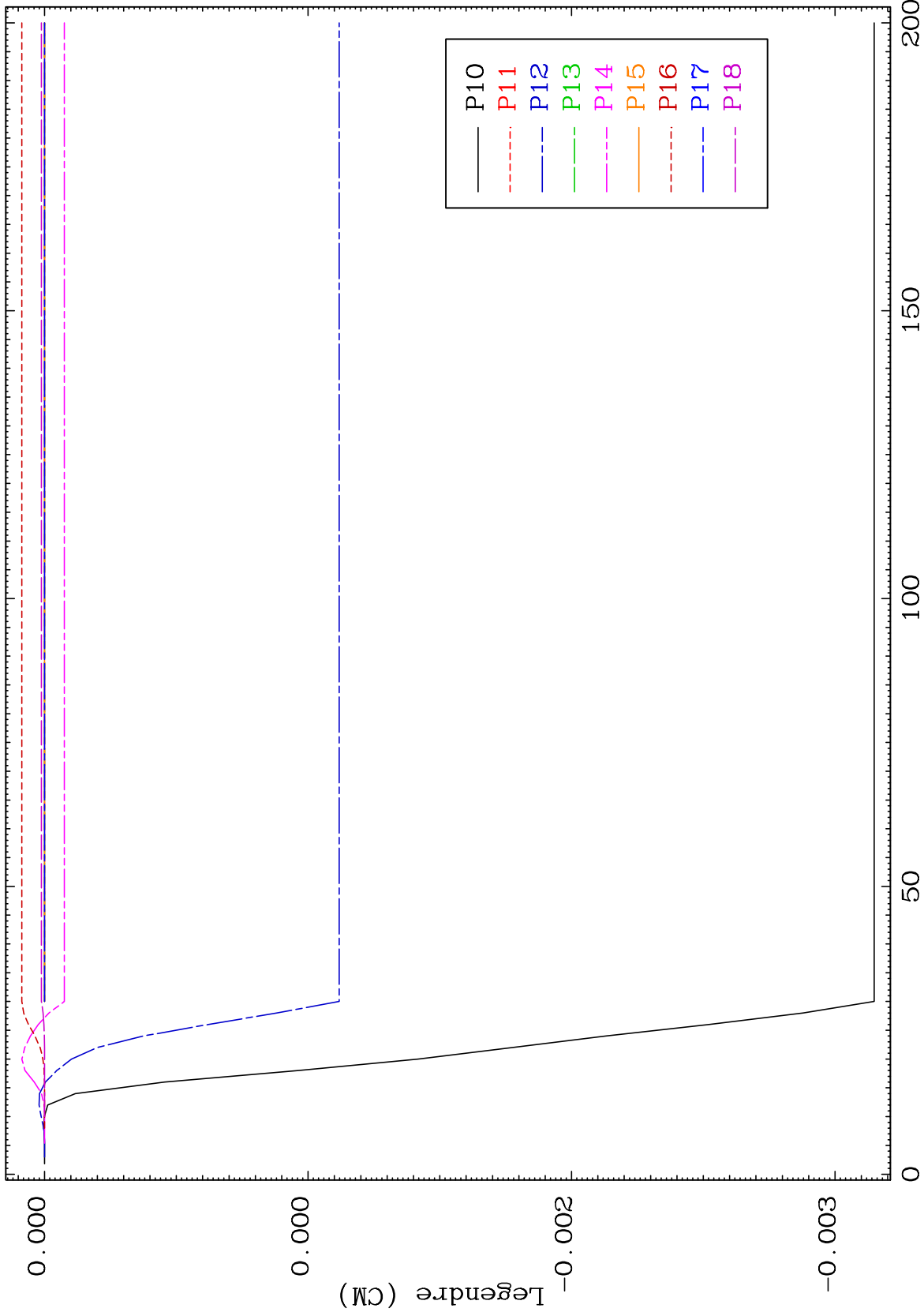


MAT 4440

MT= 79 (n,n') Level

44-Ru-101

Legendre Coefficients



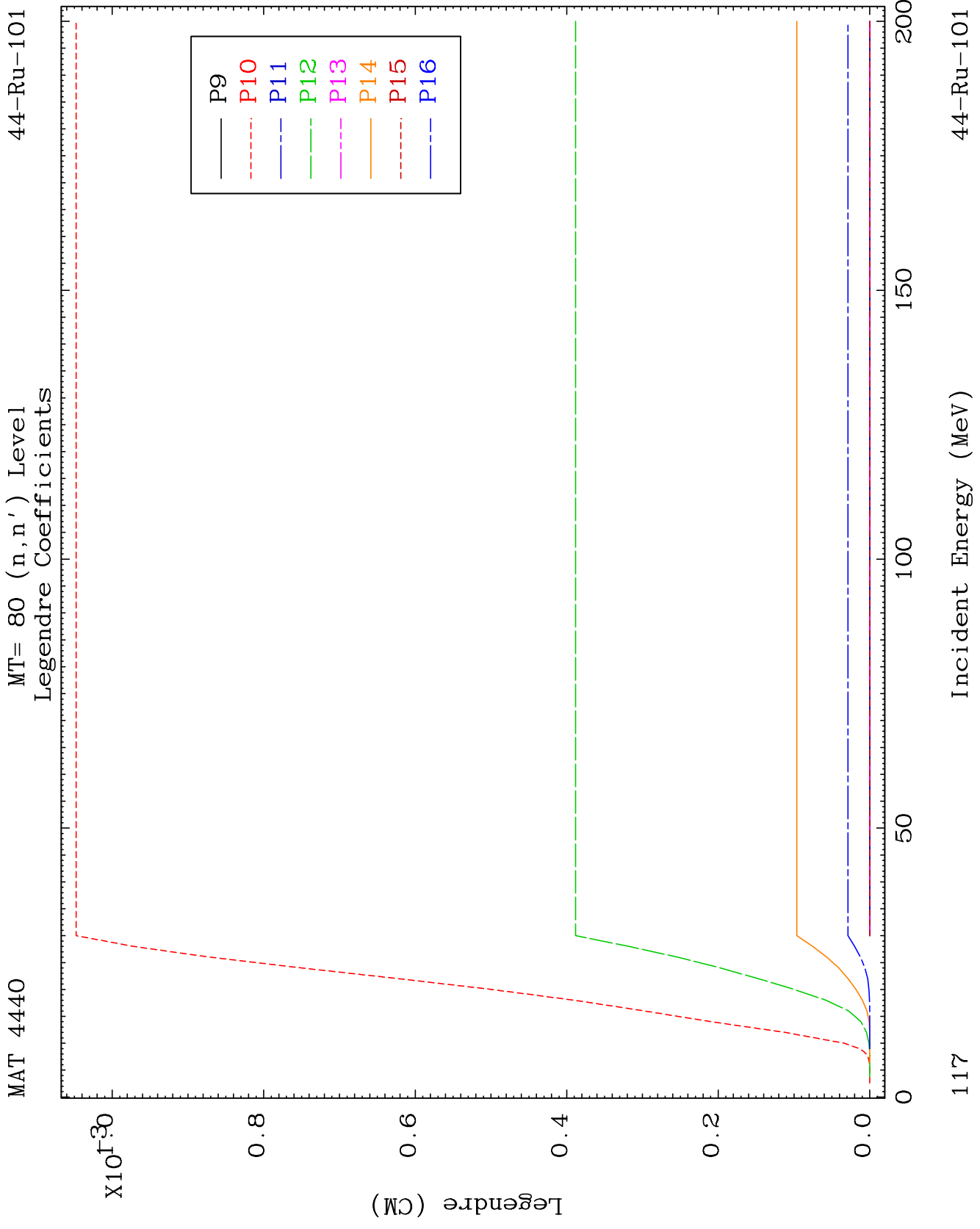
114

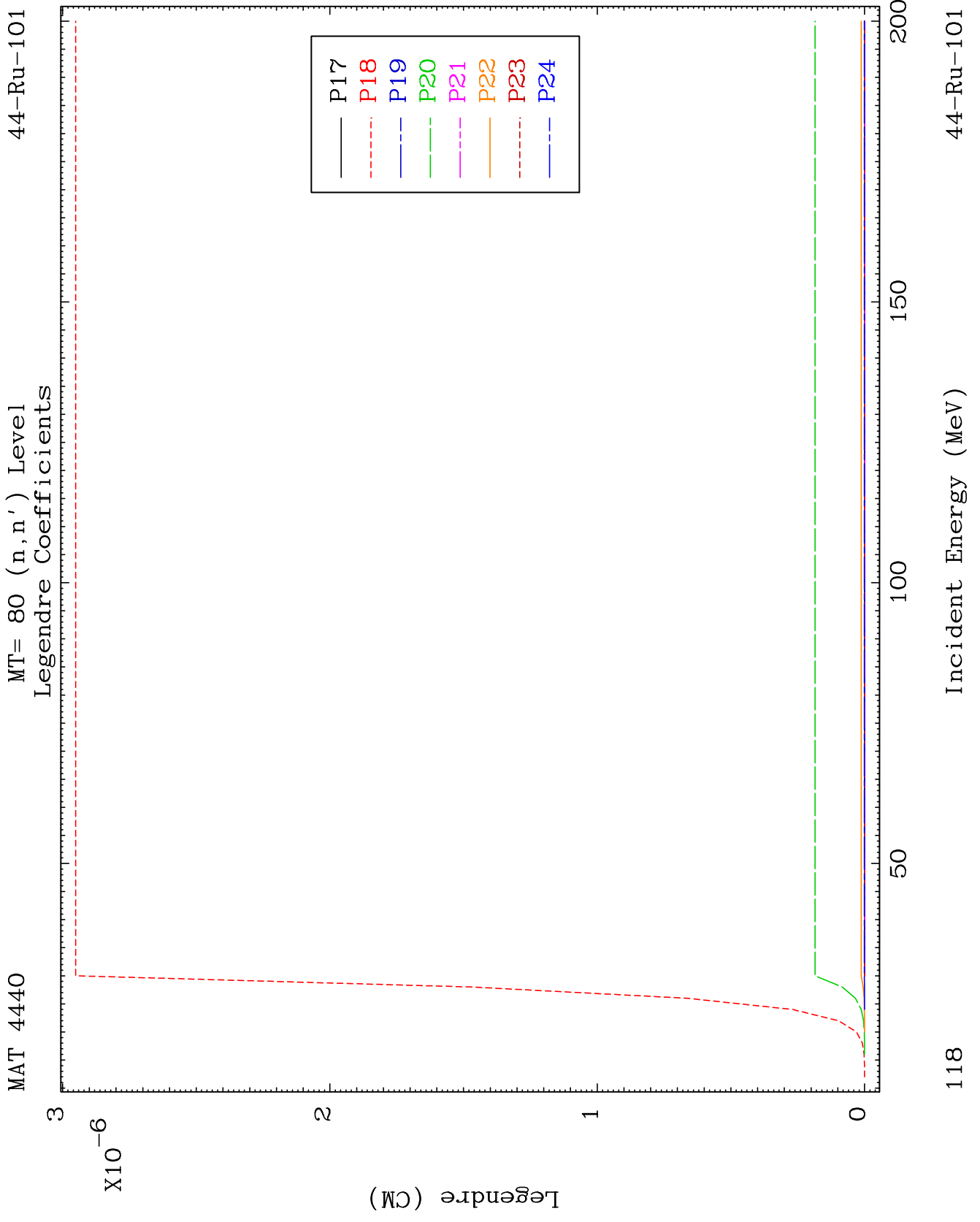
Incident Energy (MeV)

44-Ru-101





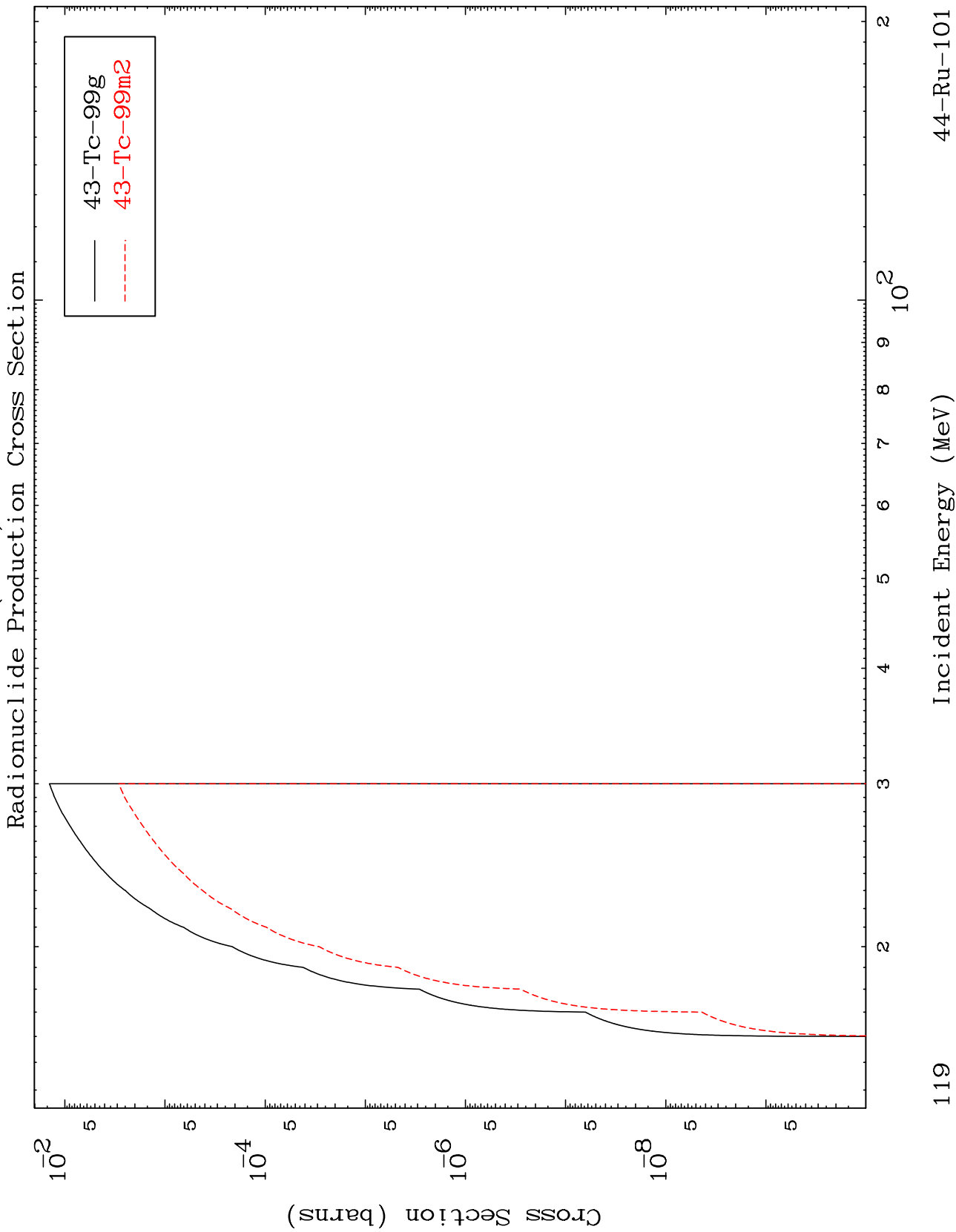




MAT 4440

(n,n') d

44-Ru-101



119

44-Ru-101

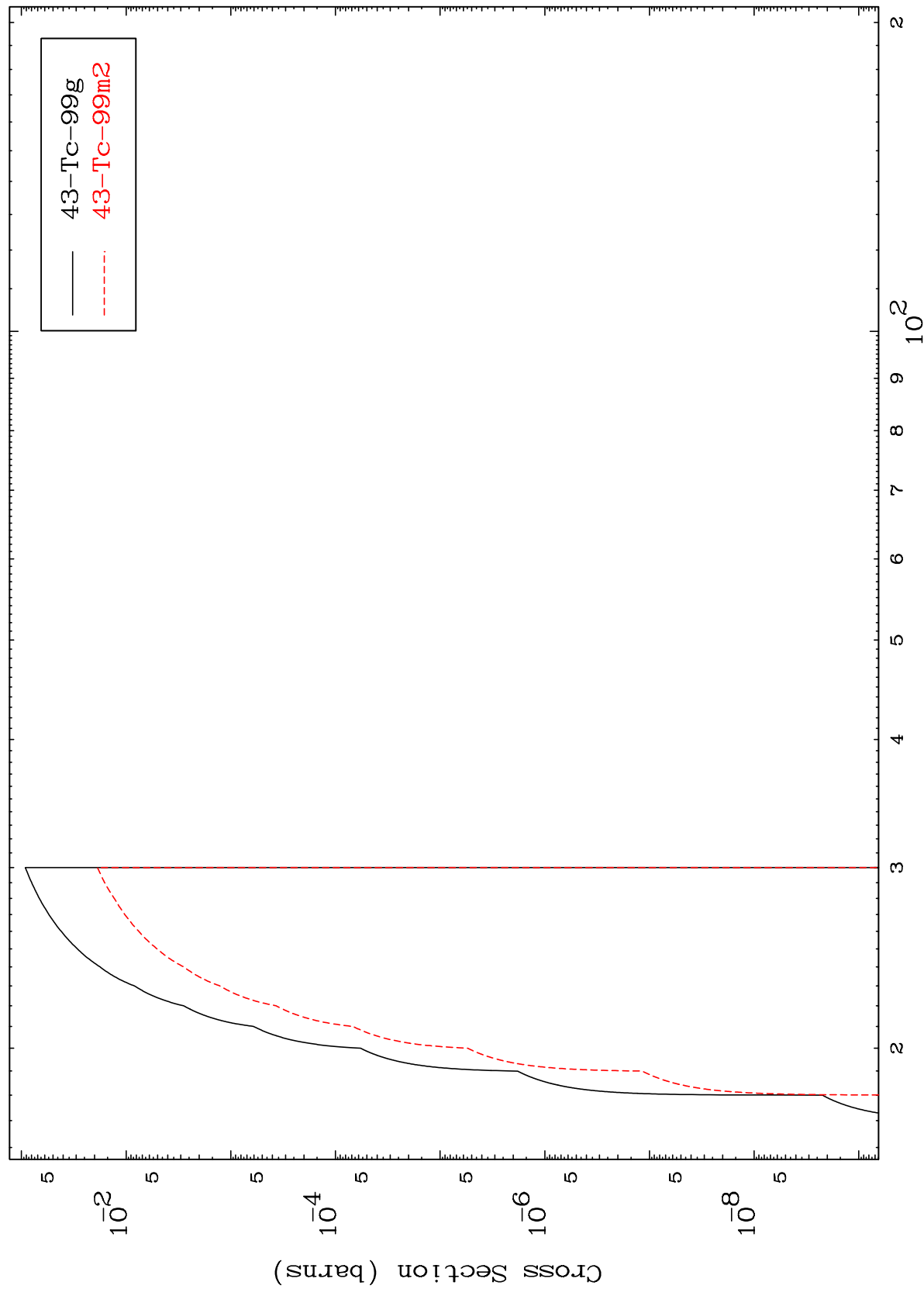


MAT 4440

(n,2n) p

44-Ru-101

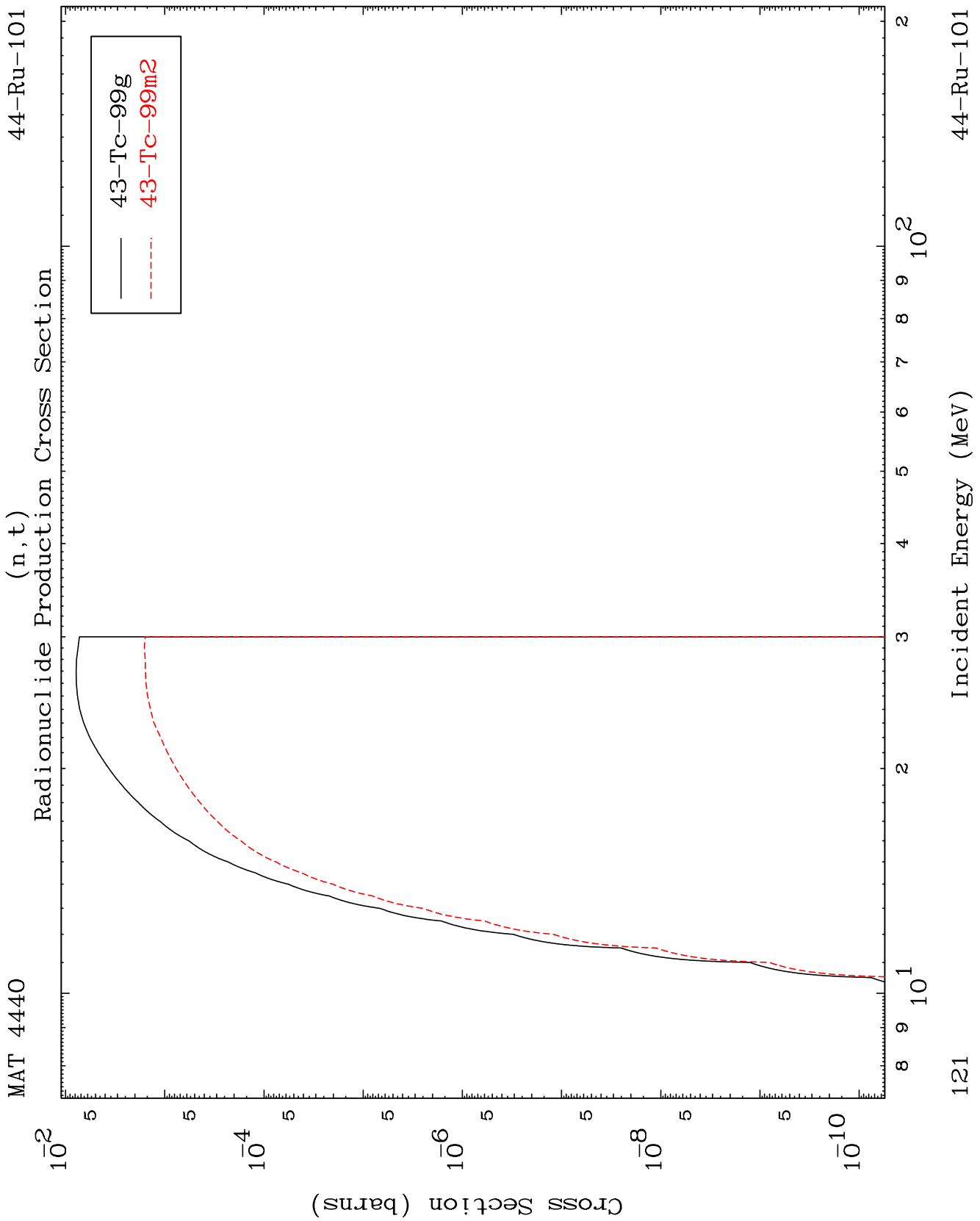
Radionuclide Production Cross Section



120

Incident Energy (MeV)

44-Ru-101

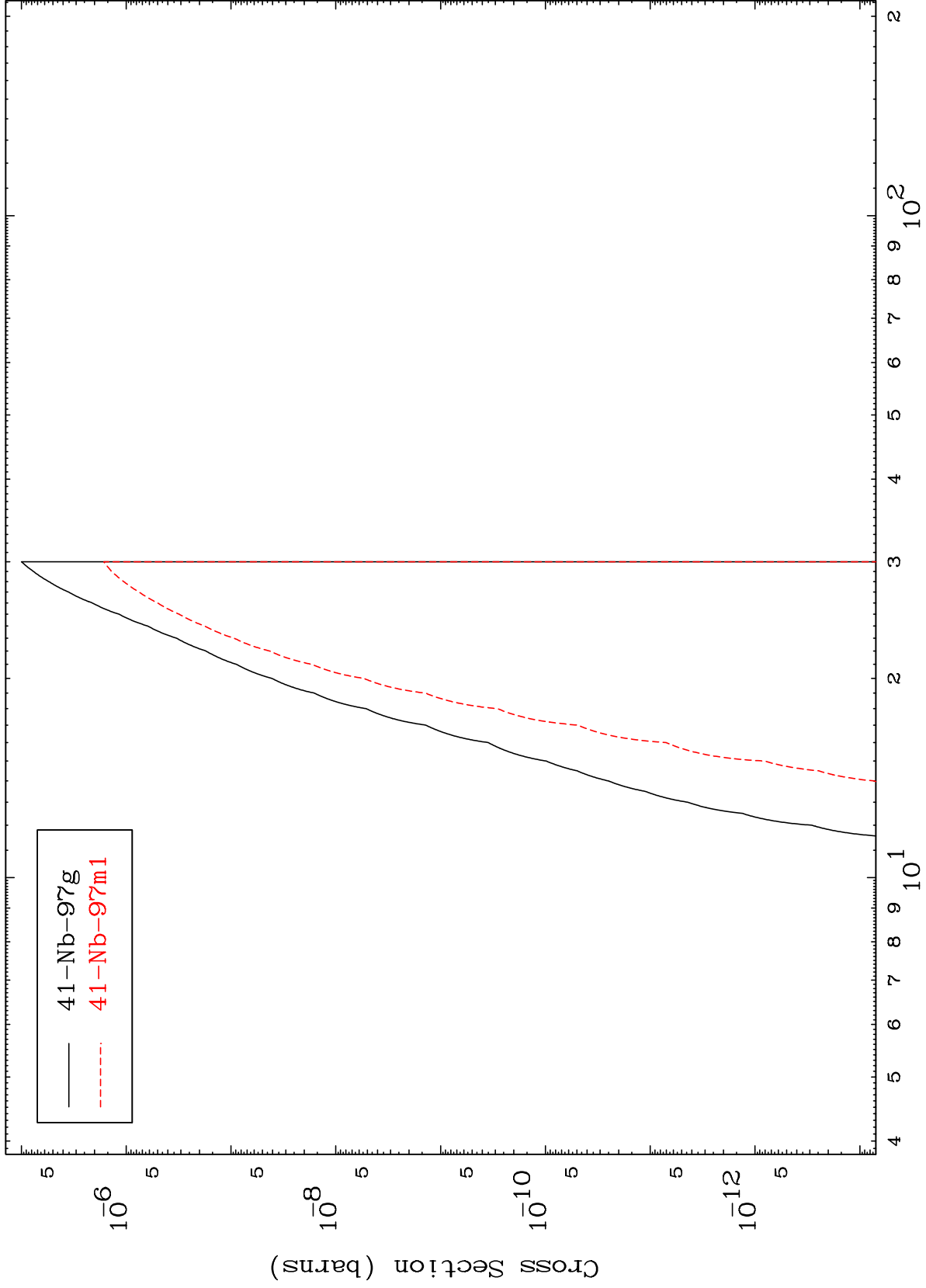


MAT 4440

(n,p)  $\alpha$

44-Ru-101

Radionuclide Production Cross Section



122

Incident Energy (MeV)

44-Ru-101